

# Appendix B.13

## 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	24.03	20.23	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.81	20.01	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.48	19.68	34.77	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.7	18.9	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#0	23.33	19.53	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#12	23.54	19.74	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#24	23.22	19.42	34.77	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.46	18.66	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.99	19.19	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.32	19.52	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.96	19.16	34.77	PASS
Band71	5MHz	QPSK	133447	25RB#0	22.2	18.4	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#0	22.68	18.88	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.97	19.17	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#24	22.76	18.96	34.77	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.65	17.85	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.54	18.74	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.79	18.99	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.41	18.61	34.77	PASS
Band71	5MHz	16QAM	133297	25RB#0	21.43	17.63	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#0	22.35	18.55	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#12	22.48	18.68	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#24	22.29	18.49	34.77	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.17	17.37	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#0	21.63	17.83	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#12	23.49	19.69	34.77	PASS



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Band71	5MHz	64QAM	133147	1RB#24	22.02	18.22	34.77	PASS
Band71	5MHz	64QAM	133147	25RB#0	22.19	18.39	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#0	23	19.2	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#12	22.54	18.74	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#24	22.92	19.12	34.77	PASS
Band71	5MHz	64QAM	133297	25RB#0	21.91	18.11	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#0	22.39	18.59	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#12	22.49	18.69	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#24	22.21	18.41	34.77	PASS
Band71	5MHz	64QAM	133447	25RB#0	22.63	18.83	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.6	19.8	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.68	19.88	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#49	23.43	19.63	34.77	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.74	18.94	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#0	23.46	19.66	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#24	23.49	19.69	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#49	23.31	19.51	34.77	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.55	18.75	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#0	23.2	19.4	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#24	23.24	19.44	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#49	23.05	19.25	34.77	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.29	18.49	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.83	19.03	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#24	22.98	19.18	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#49	22.66	18.86	34.77	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.67	17.87	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#0	22.68	18.88	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.73	18.93	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.43	18.63	34.77	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.5	17.7	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#0	22.52	18.72	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#24	22.41	18.61	34.77	PASS



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Band71	10MHz	16QAM	133422	1RB#49	22.4	18.6	34.77	PASS
Band71	10MHz	16QAM	133422	50RB#0	21.25	17.45	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#0	23.3	19.5	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#24	23.44	19.64	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#49	23.13	19.33	34.77	PASS
Band71	10MHz	64QAM	133172	50RB#0	22.23	18.43	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#0	22.92	19.12	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#24	22.68	18.88	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#49	22.47	18.67	34.77	PASS
Band71	10MHz	64QAM	133297	50RB#0	21.52	17.72	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#0	22.47	18.67	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#24	22.45	18.65	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#49	22.25	18.45	34.77	PASS
Band71	10MHz	64QAM	133422	50RB#0	21.33	17.53	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#0	23.52	19.72	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.56	19.76	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#74	23.3	19.5	34.77	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.62	18.82	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#0	23.42	19.62	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.37	19.57	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#74	23.17	19.37	34.77	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.53	18.73	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#0	23.23	19.43	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#38	23.21	19.41	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#74	23.01	19.21	34.77	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.32	18.52	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.74	18.94	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.83	19.03	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.57	18.77	34.77	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.56	17.76	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.71	18.91	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.65	18.85	34.77	PASS



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Band71	15MHz	16QAM	133297	1RB#74	22.36	18.56	34.77	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.5	17.7	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.49	18.69	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#38	22.43	18.63	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.31	18.51	34.77	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.27	17.47	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#0	23.2	19.4	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#38	23.25	19.45	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#74	22.99	19.19	34.77	PASS
Band71	15MHz	64QAM	133197	75RB#0	22.01	18.21	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#0	22.86	19.06	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#38	22.52	18.72	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#74	22.41	18.61	34.77	PASS
Band71	15MHz	64QAM	133297	75RB#0	21.52	17.72	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#0	22.42	18.62	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#38	22.47	18.67	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#74	22.23	18.43	34.77	PASS
Band71	15MHz	64QAM	133397	75RB#0	21.35	17.55	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#0	23.34	19.54	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.61	19.81	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#99	23.03	19.23	34.77	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.44	18.64	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#0	23.21	19.41	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.46	19.66	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.86	19.06	34.77	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.41	18.61	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#0	23.13	19.33	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.38	19.58	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.81	19.01	34.77	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.21	18.41	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.56	18.76	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.88	19.08	34.77	PASS



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Band71	20MHz	16QAM	133222	1RB#99	22.25	18.45	34.77	PASS
Band71	20MHz	16QAM	133222	100RB#0	21.4	17.6	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#0	22.52	18.72	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.68	18.88	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#99	22.14	18.34	34.77	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.36	17.56	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#0	22.37	18.57	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.65	18.85	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.08	18.28	34.77	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.16	17.36	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#0	23.05	19.25	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#49	23.3	19.5	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#99	22.6	18.8	34.77	PASS
Band71	20MHz	64QAM	133222	100RB#0	21.51	17.71	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#0	22.32	18.52	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#49	23.1	19.3	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#99	22.13	18.33	34.77	PASS
Band71	20MHz	64QAM	133322	100RB#0	21.4	17.6	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#0	22.36	18.56	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#49	22.62	18.82	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#99	22.04	18.24	34.77	PASS
Band71	20MHz	64QAM	133372	100RB#0	21.22	17.42	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	5.22	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.36	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.36	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.06	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.12	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.12	13	PASS
Band71	20MHz	64QAM	133222	100RB#0	5.98	13	PASS
Band71	20MHz	64QAM	133322	100RB#0	6.00	13	PASS
Band71	20MHz	64QAM	133372	100RB#0	6.08	13	PASS



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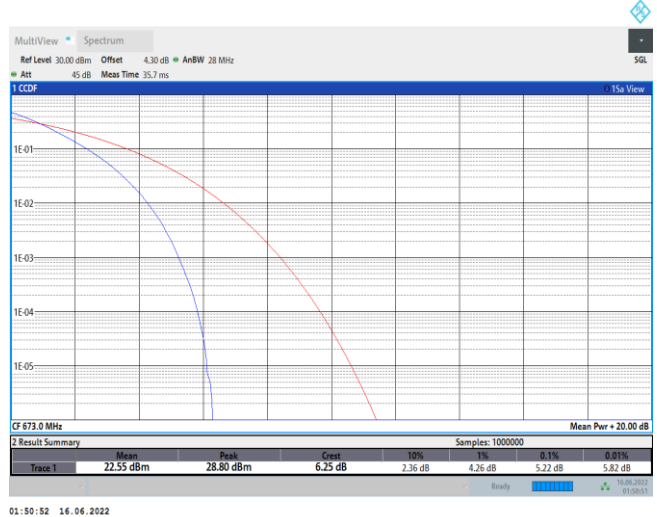
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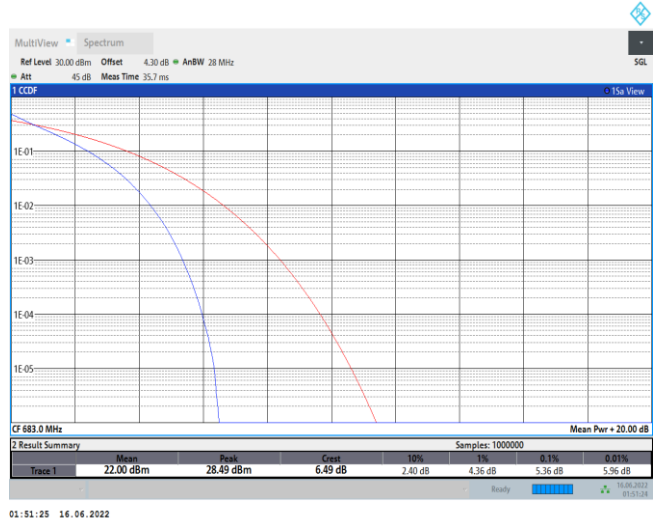
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Test Graphs

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



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



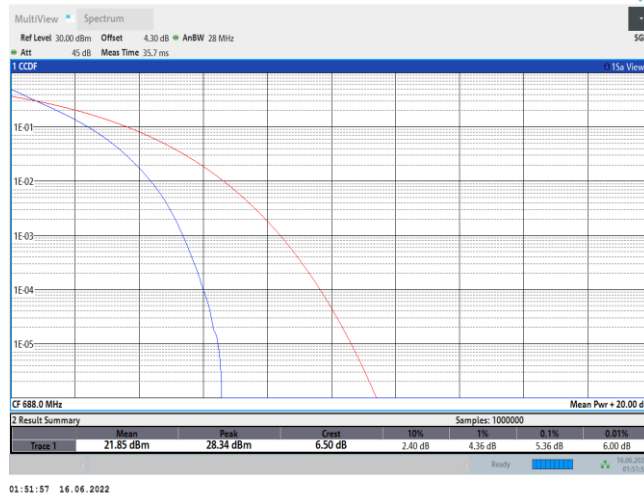
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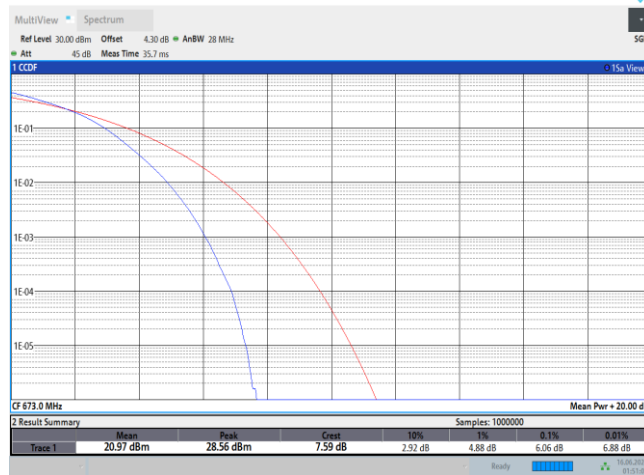


Band71-20MHz-QPSK-133372-100RB#0



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



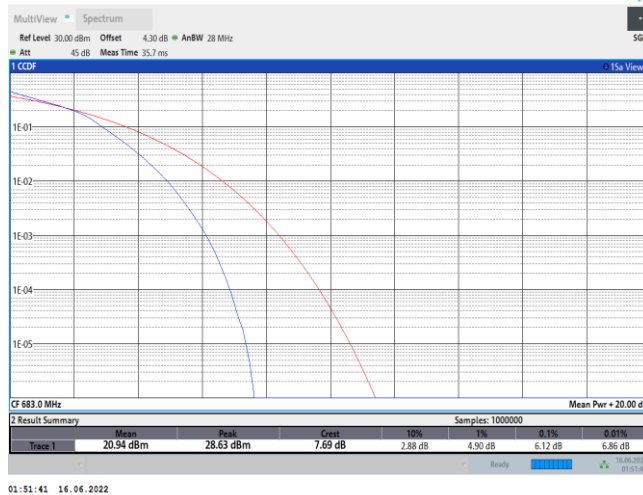
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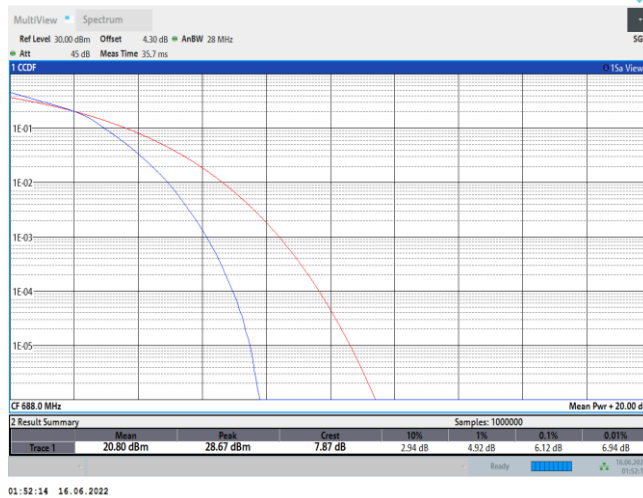
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Band71-20MHz-16QAM-133322-100RB#0



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

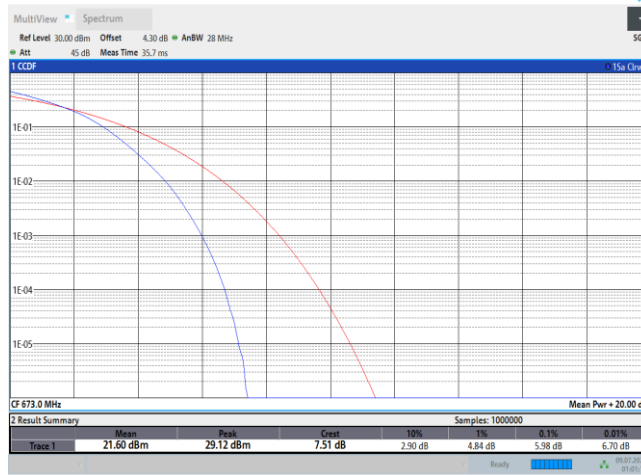


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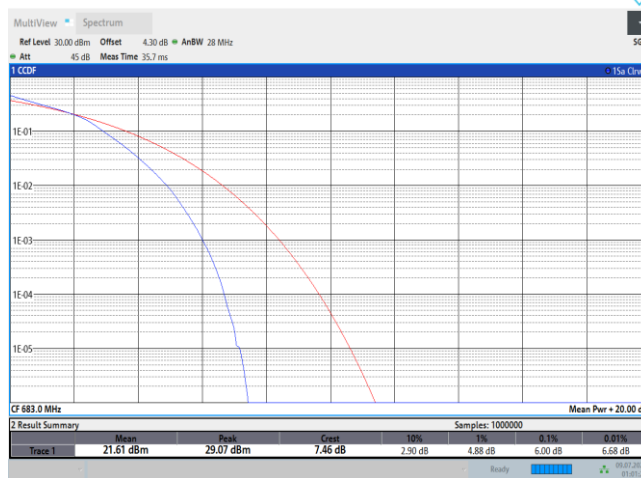
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Band71-20MHz-64QAM-133222-100RB#0



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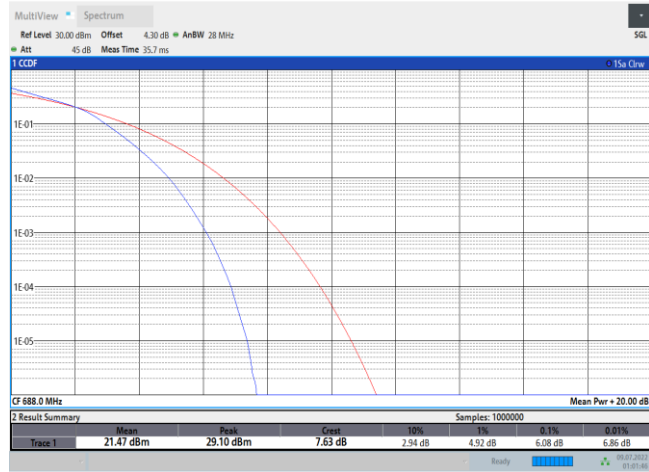


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Band71-20MHz-64QAM-133372-100RB#0



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## Modulation Characteristics

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band71	20MHz	QPSK	133322	100RB#0	PASS	PASS
Band71	20MHz	16QAM	133322	100RB#0	PASS	PASS
Band71	20MHz	64QAM	133322	100RB#0	PASS	PASS



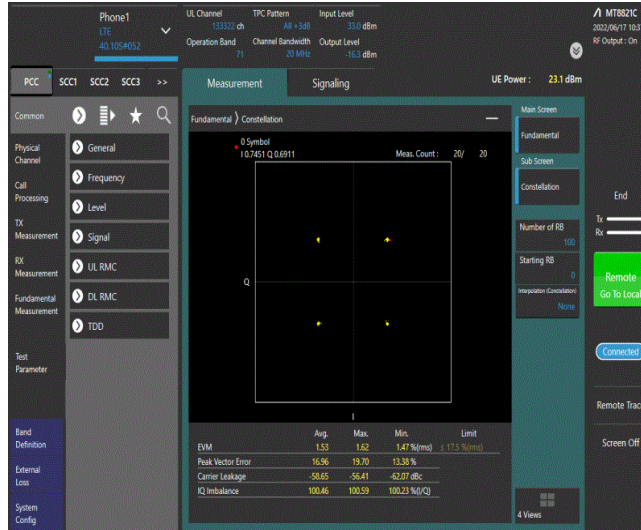
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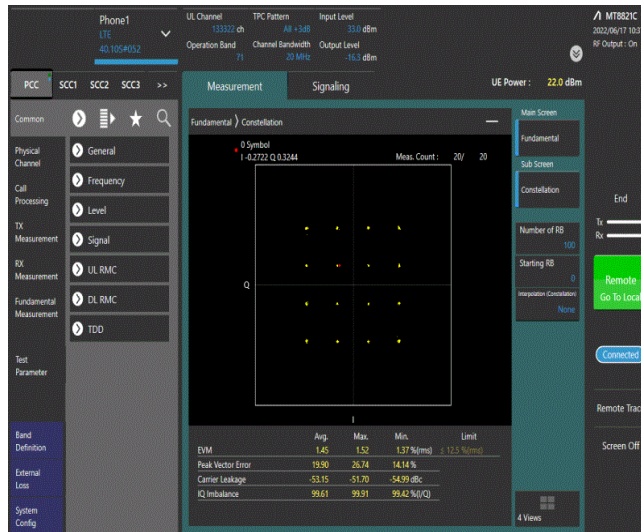
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Test Graphs

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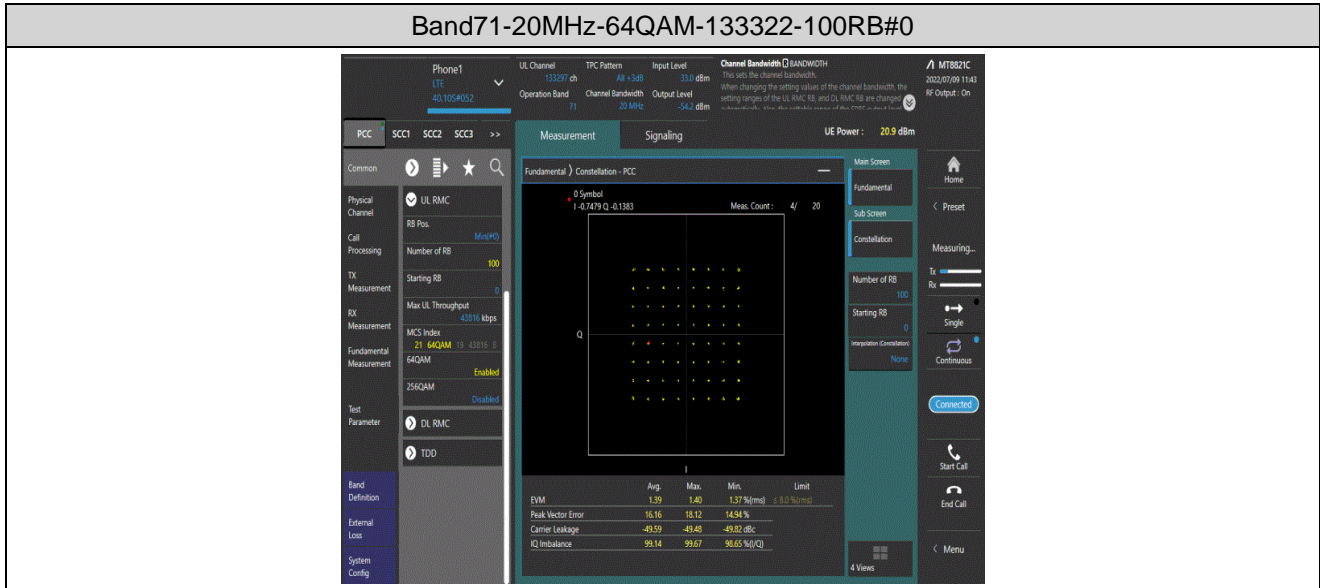


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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.471	5.03	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.474	5.02	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.473	5.01	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.471	5.04	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.476	5.05	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.47	5.02	PASS
Band71	5MHz	64QAM	133147	25RB#0	4.472	5.00	PASS
Band71	5MHz	64QAM	133297	25RB#0	4.477	4.99	PASS
Band71	5MHz	64QAM	133447	25RB#0	4.475	5.01	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.951	9.82	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.951	9.88	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.94	9.88	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.924	9.84	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.93	9.82	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.933	9.82	PASS
Band71	10MHz	64QAM	133172	50RB#0	8.947	9.92	PASS
Band71	10MHz	64QAM	133297	50RB#0	8.941	9.92	PASS
Band71	10MHz	64QAM	133422	50RB#0	8.936	9.90	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.475	15.09	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.512	15.15	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.503	16.11	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.479	15.09	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.488	15.24	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.476	15.15	PASS
Band71	15MHz	64QAM	133197	75RB#0	13.47	14.97	PASS
Band71	15MHz	64QAM	133297	75RB#0	13.483	15.18	PASS
Band71	15MHz	64QAM	133397	75RB#0	13.468	15.21	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.894	19.92	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.919	19.80	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.939	19.72	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.887	19.72	PASS



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Report No.: SEWM2206000075RG01

Rev.: 01

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Band71	20MHz	16QAM	133322	100RB#0	17.899	19.64	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.893	19.64	PASS
Band71	20MHz	64QAM	133222	100RB#0	17.872	19.64	PASS
Band71	20MHz	64QAM	133322	100RB#0	17.886	19.68	PASS
Band71	20MHz	64QAM	133372	100RB#0	17.863	19.72	PASS

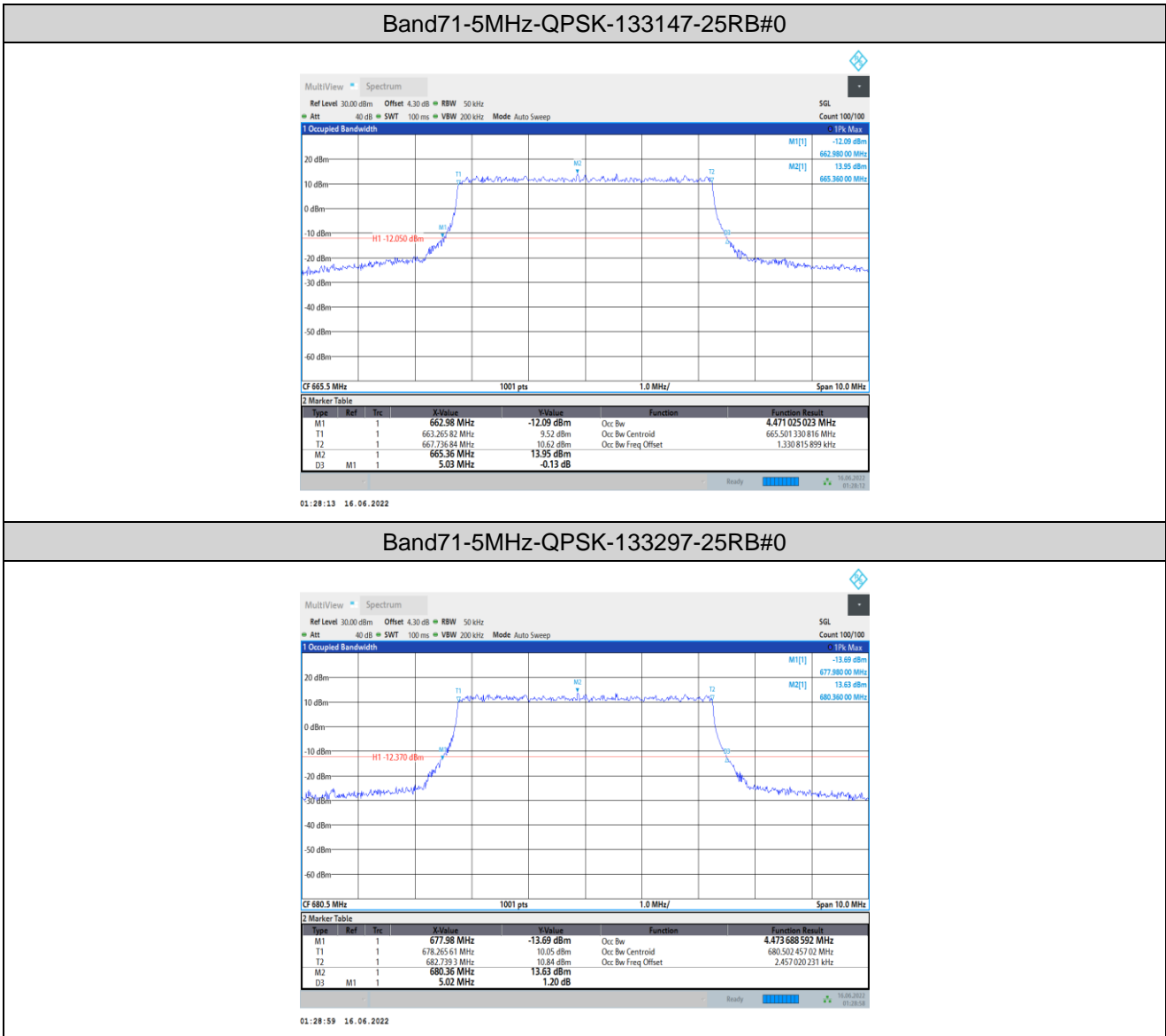


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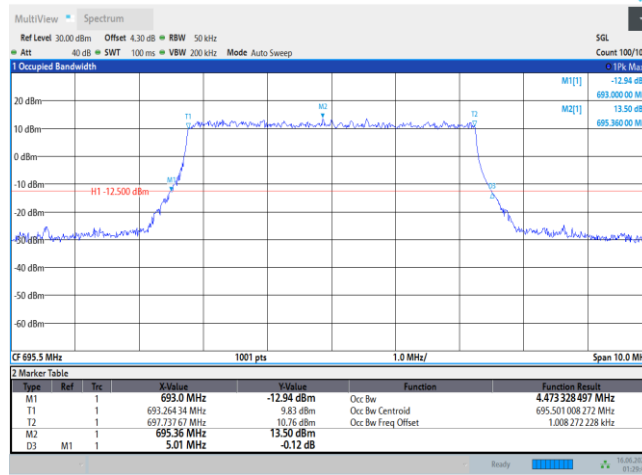


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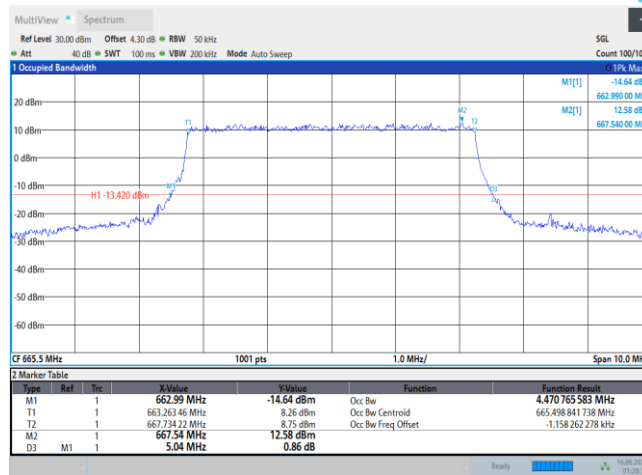
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Band71-5MHz-QPSK-133447-25RB#0



01:29:46 16.06.2022

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



01:28:36 16.06.2022

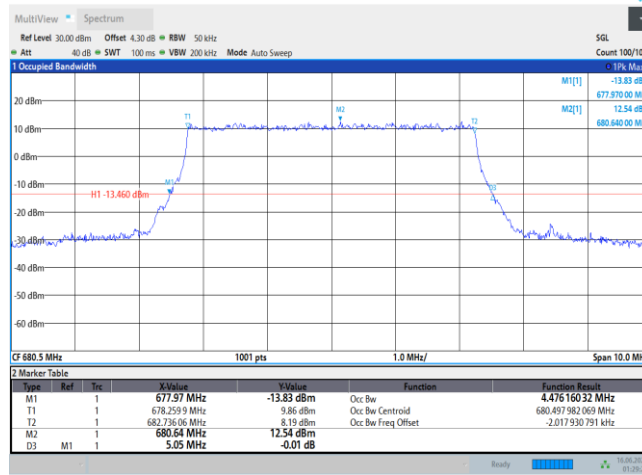


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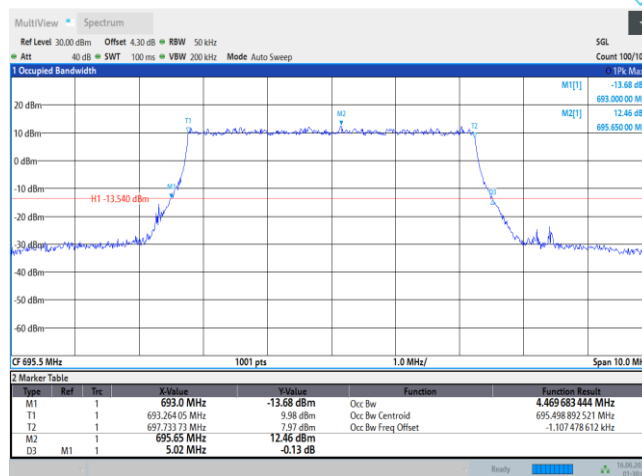
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Band71-5MHz-16QAM-133297-25RB#0



01:29:23 16.06.2022

Band71-5MHz-16QAM-133447-25RB#0



01:30:09 16.06.2022



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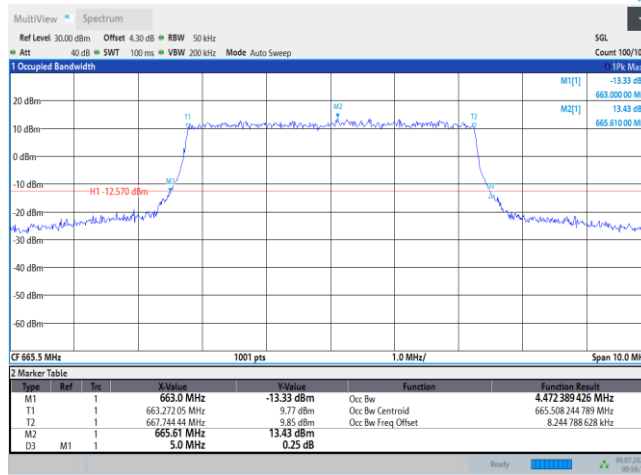
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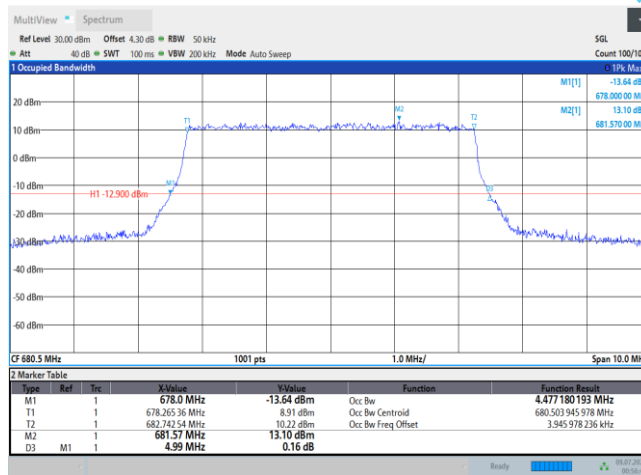
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Band71-5MHz-64QAM-133147-25RB#0



00:56:19 09.07.2022

Band71-5MHz-64QAM-133297-25RB#0



00:56:43 09.07.2022

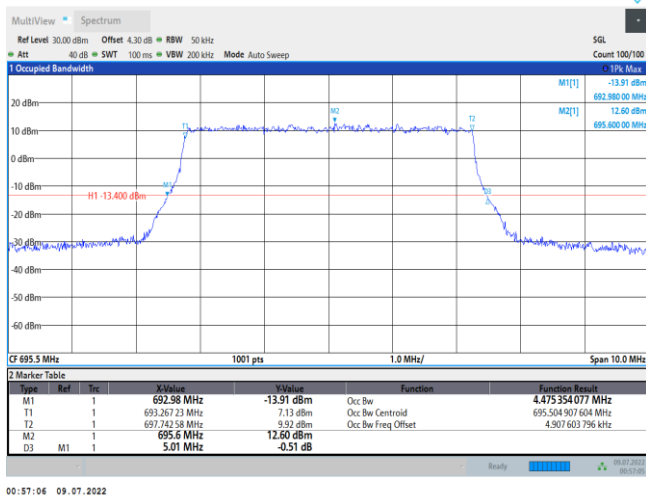


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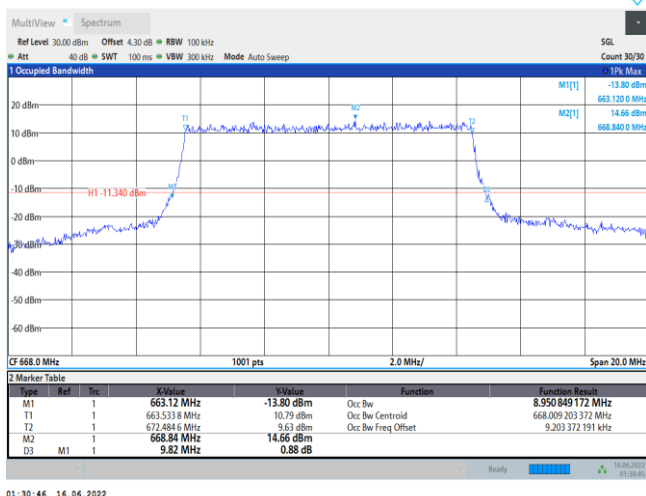
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Band71-5MHz-64QAM-133447-25RB#0



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

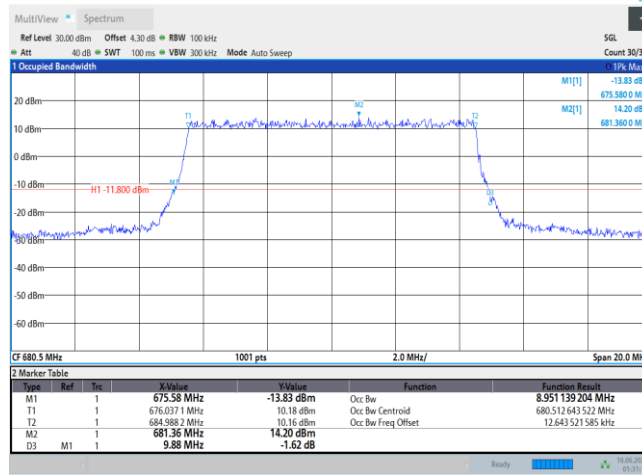


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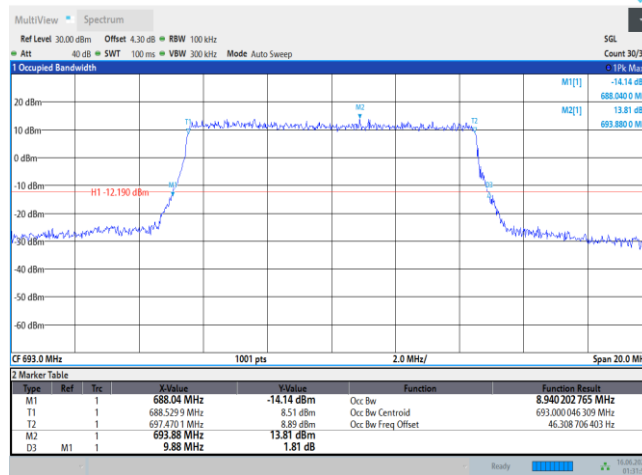
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Band71-10MHz-QPSK-133297-50RB#0



01:31:19 16.06.2022

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



01:31:51 16.06.2022



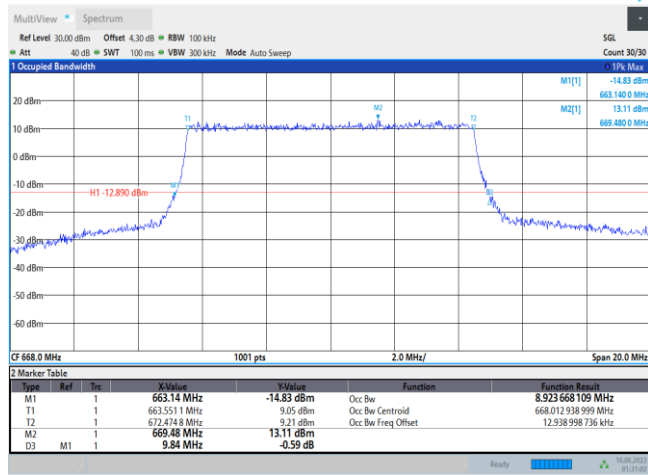
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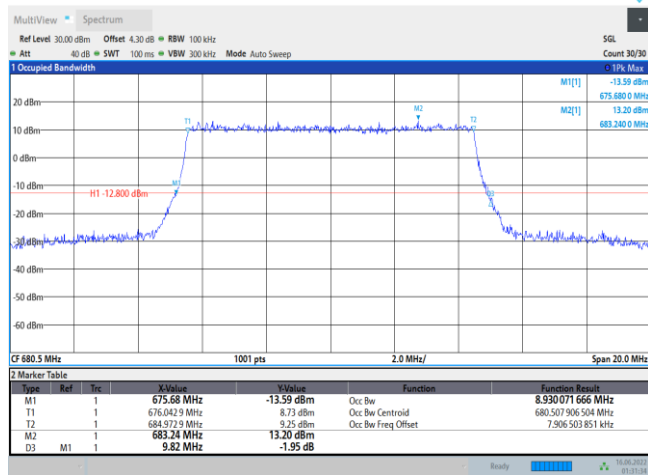
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Band71-10MHz-16QAM-133172-50RB#0



01:31:02 16.06.2022

Band71-10MHz-16QAM-133297-50RB#0



01:31:35 16.06.2022



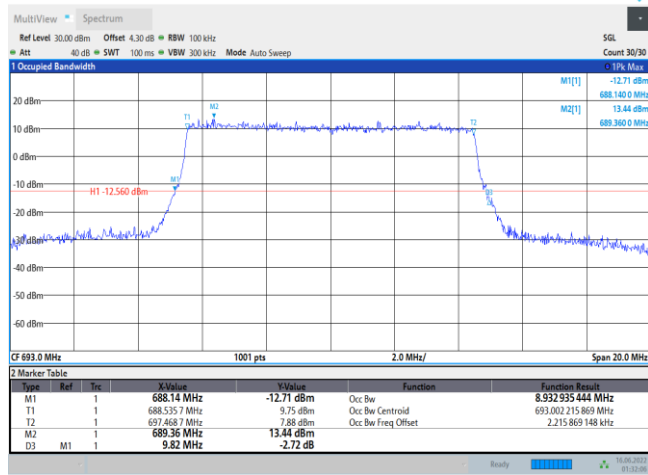
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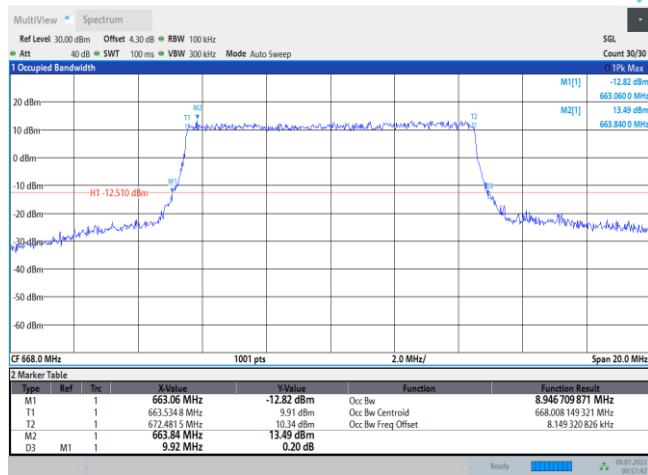


Band71-10MHz-16QAM-133422-50RB#0



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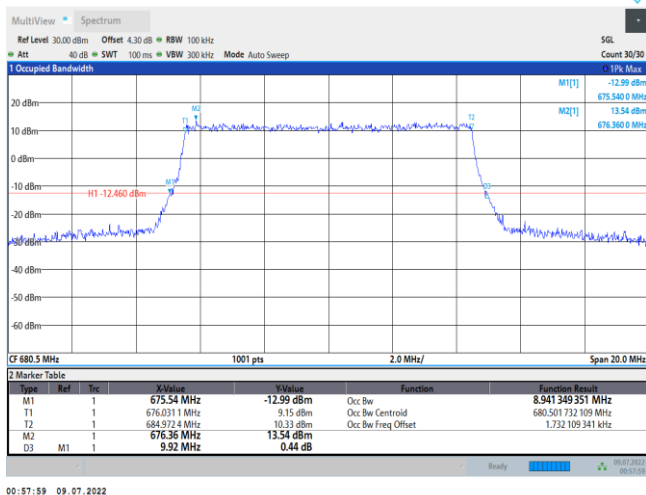


00:57:43 09.07.2022

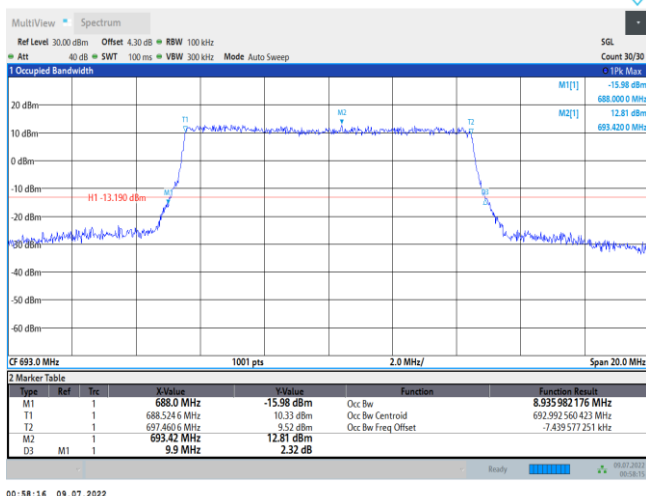


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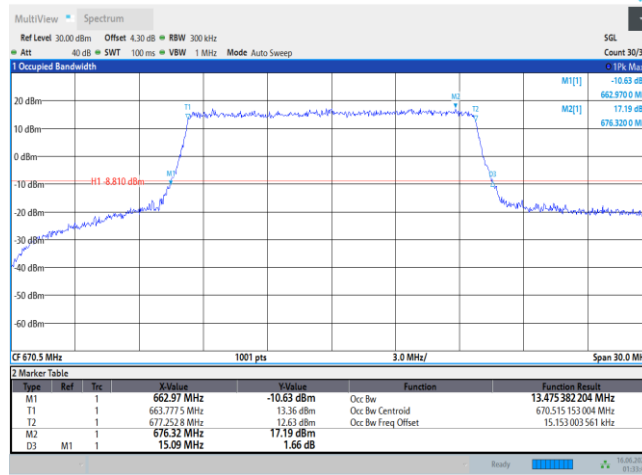


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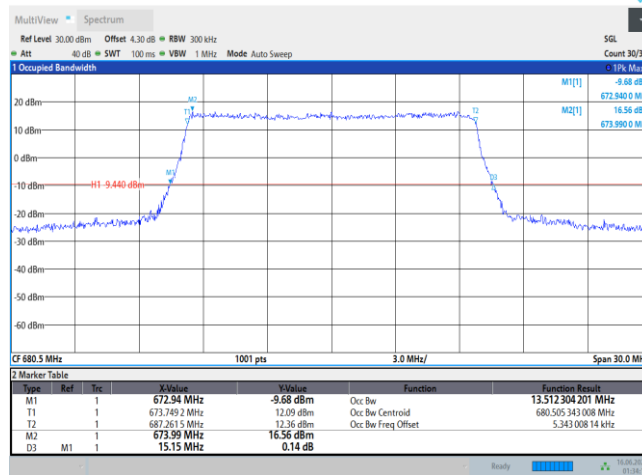
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Band71-15MHz-QPSK-133197-75RB#0



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



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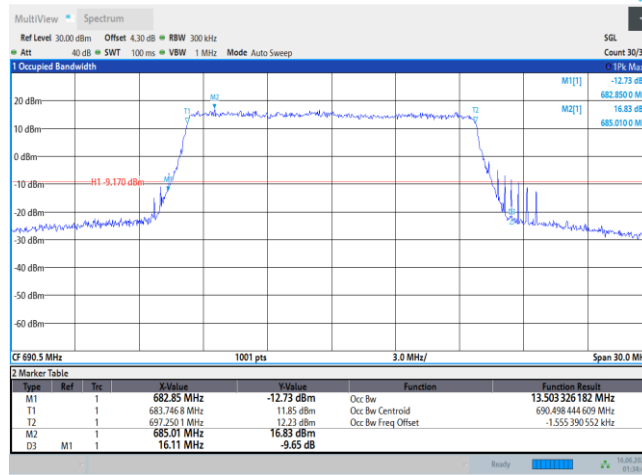
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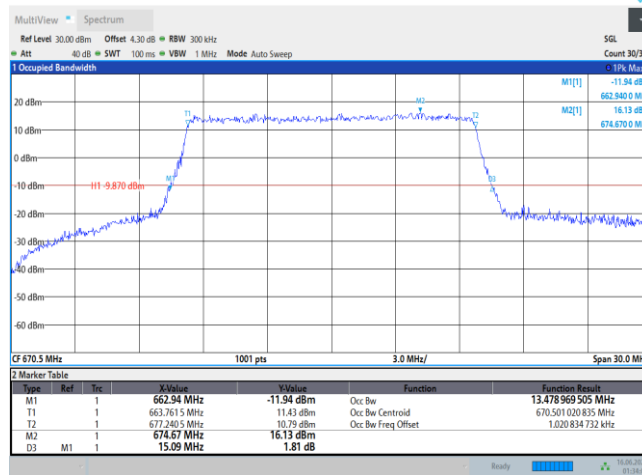
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Band71-15MHz-QPSK-133397-75RB#0



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Band71-15MHz-16QAM-133197-75RB#0



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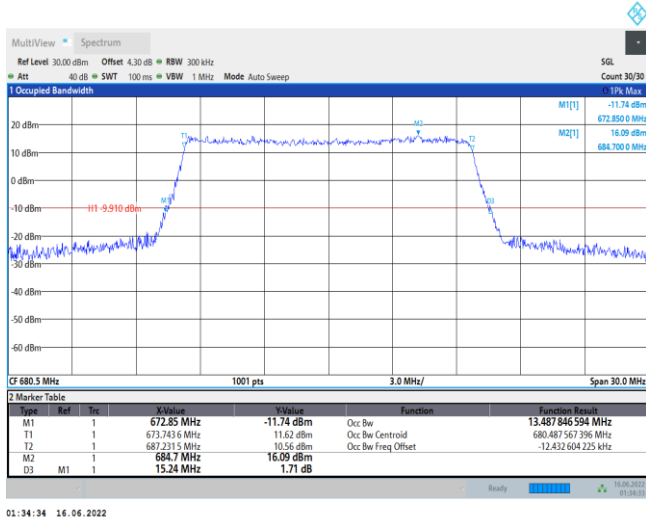


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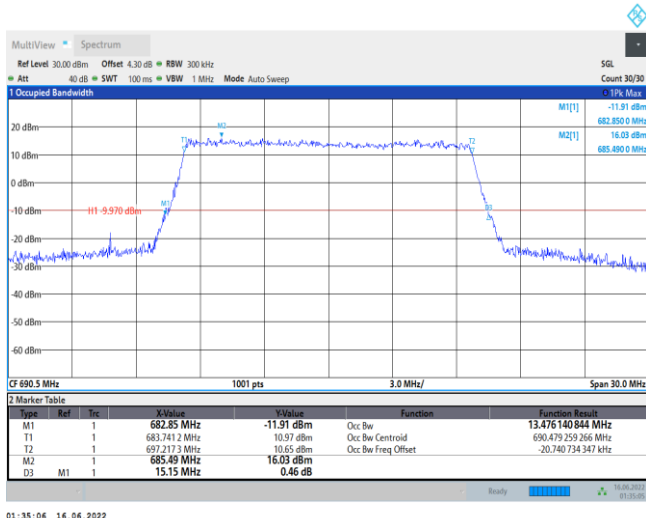
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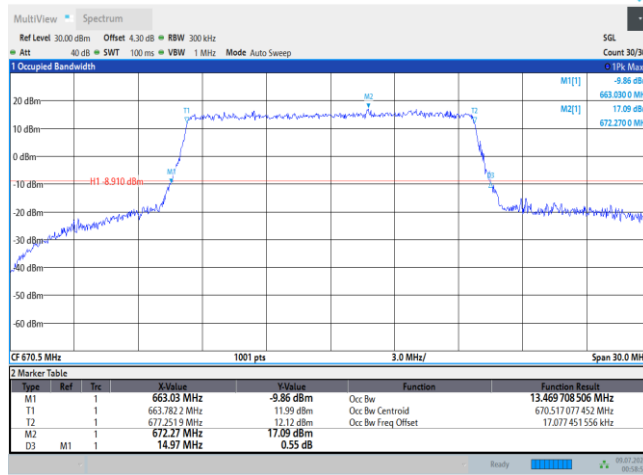


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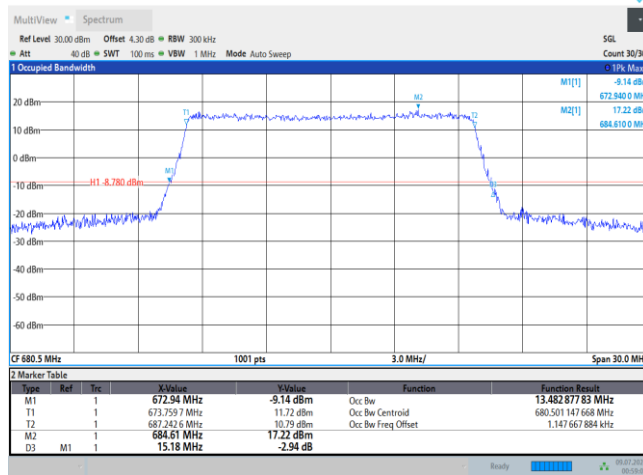
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Band71-15MHz-64QAM-133197-75RB#0



00:58:53 09.07.2022

Band71-15MHz-64QAM-133297-75RB#0



00:59:09 09.07.2022



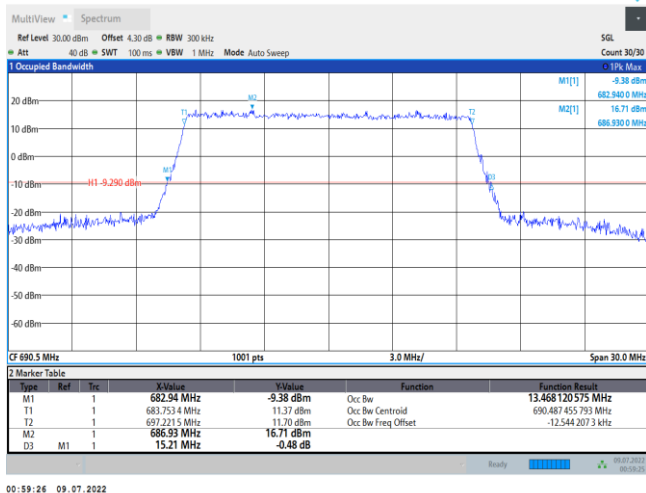
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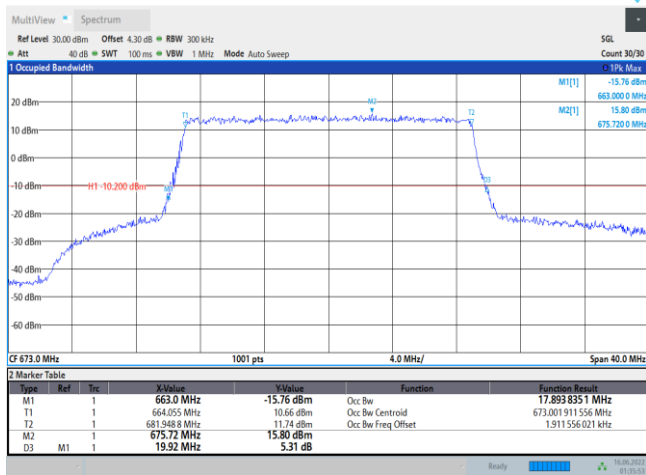
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Band71-15MHz-64QAM-133397-75RB#0



00:59:26 09.07.2022

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

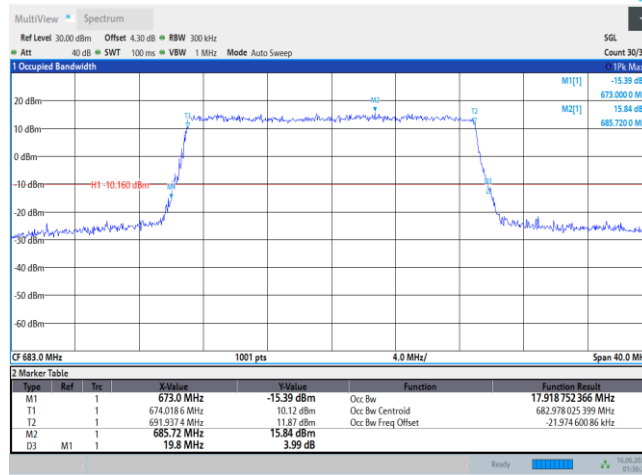


01:35:54 16.06.2022



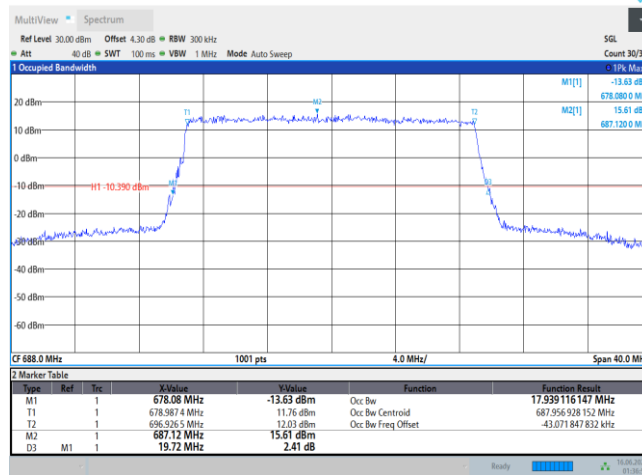
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Band71-20MHz-QPSK-133322-100RB#0



01:36:26 16.06.2022

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



01:36:58 16.06.2022



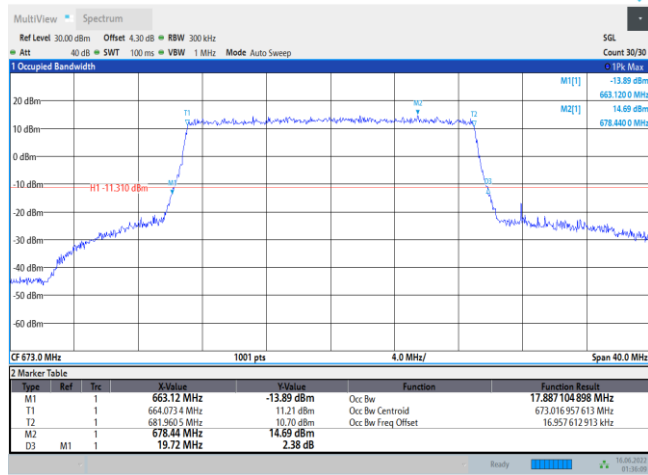
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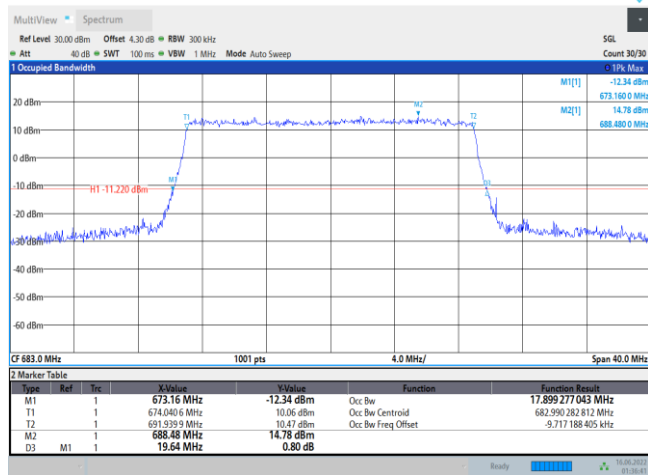


Band71-20MHz-16QAM-133222-100RB#0



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



01:36:42 16.06.2022

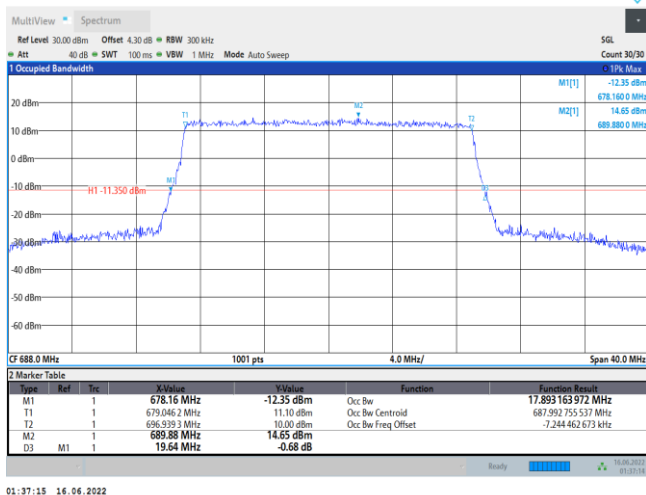


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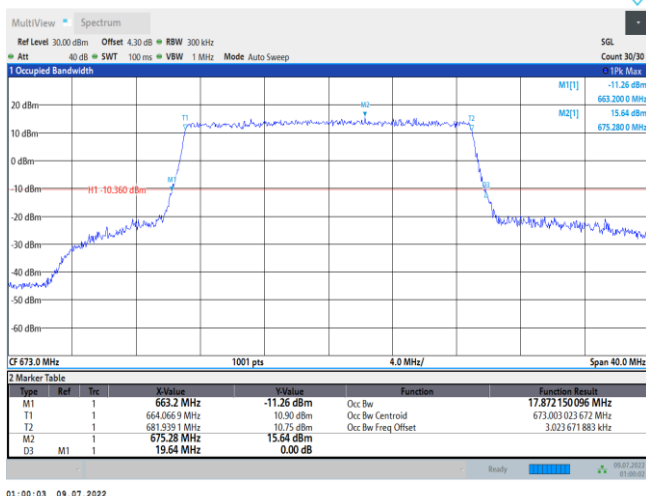
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Band71-20MHz-16QAM-133372-100RB#0



01:37:15 16.06.2022

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

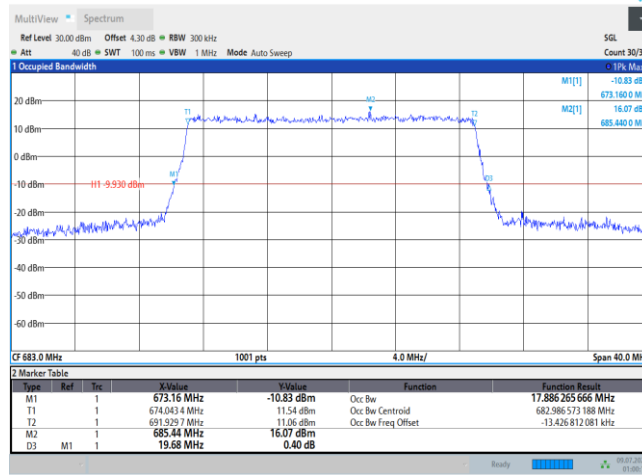


01:00:03 09.07.2022



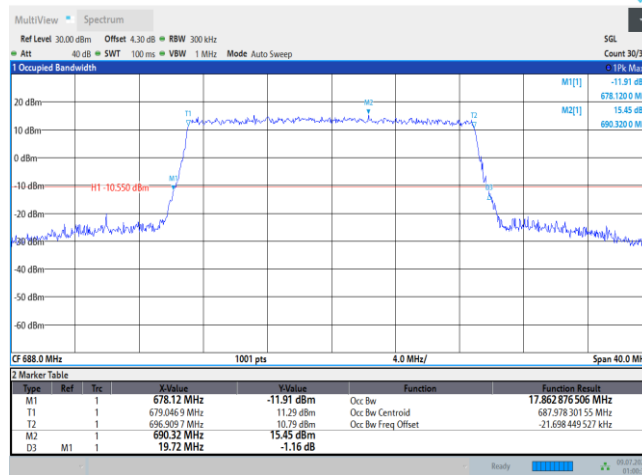
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Band71-20MHz-64QAM-133322-100RB#0



01:00:19 09.07.2022

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



01:00:35 09.07.2022



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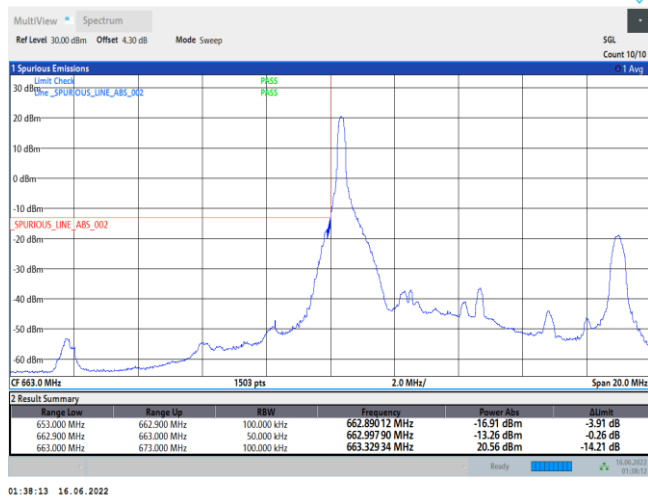
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## Band Edge

## Test Graphs

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

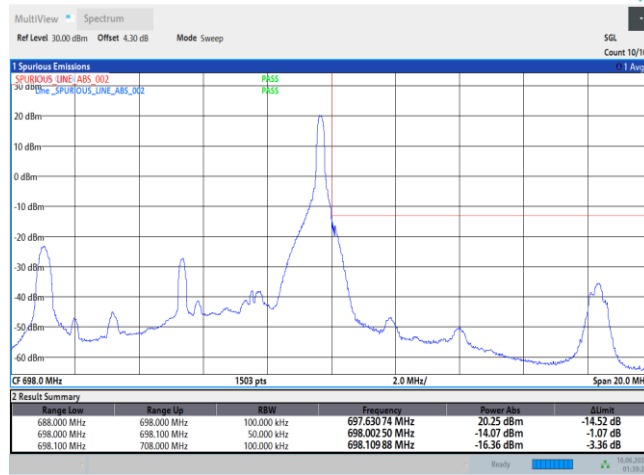


Band71-5MHz-QPSK-133147-25RB#0



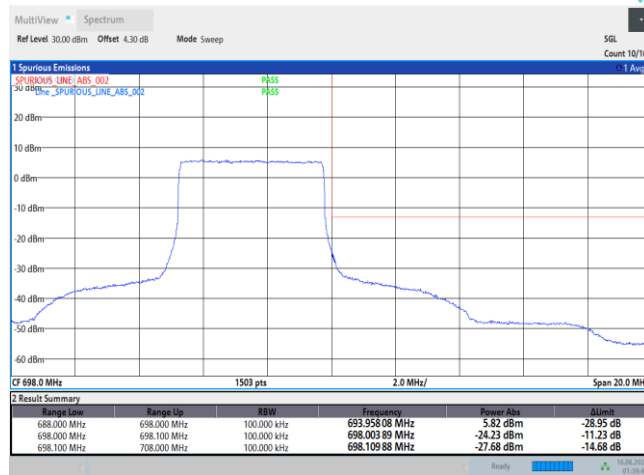
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Band71-5MHz-QPSK-133447-1RB#24



01:39:24 16.06.2022

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01:39:48 16.06.2022



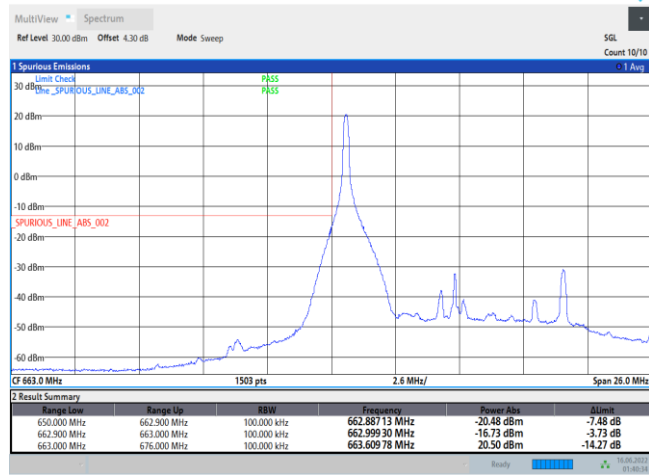
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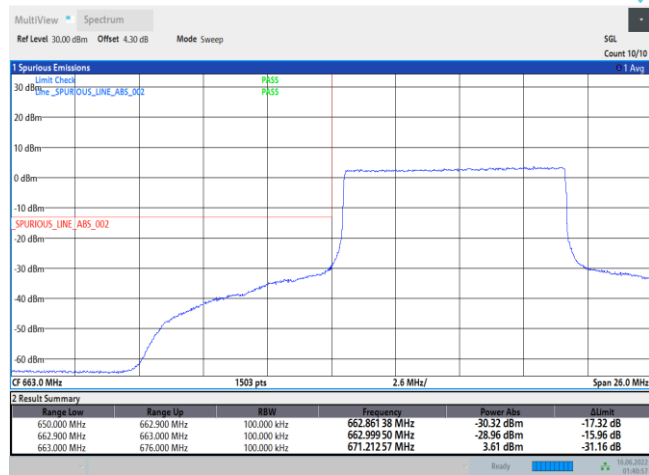
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Band71-10MHz-QPSK-133172-1RB#0



01:40:35 16.06.2022

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

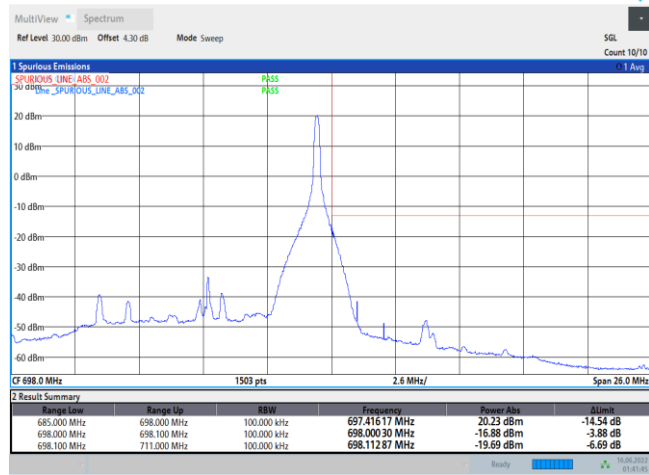


01:40:57 16.06.2022



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



01:41:45 16.06.2022

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



01:42:08 16.06.2022

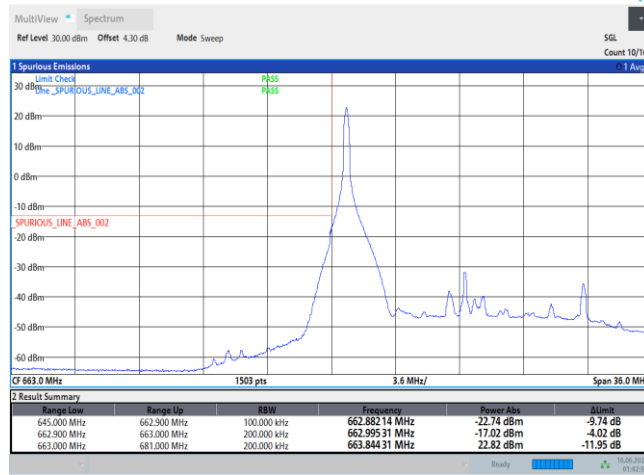


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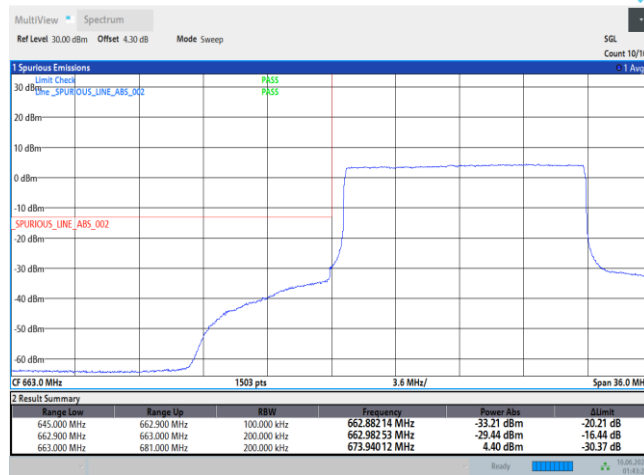
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Band71-15MHz-QPSK-133197-1RB#0



01:42:59 16.06.2022

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



01:43:24 16.06.2022



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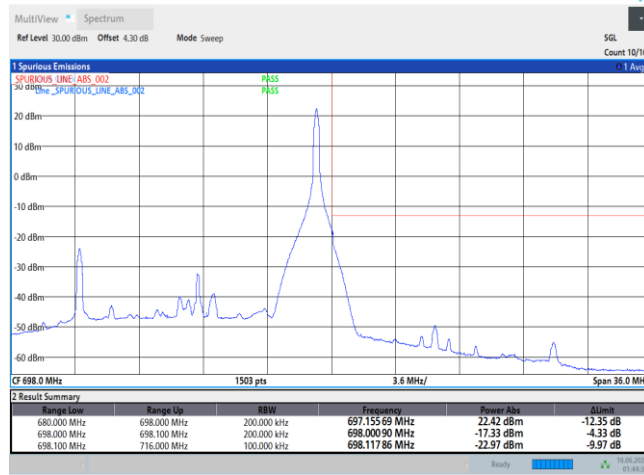
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Band71-15MHz-QPSK-133397-1RB#74



01:44:30 16.06.2022

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



01:44:57 16.06.2022



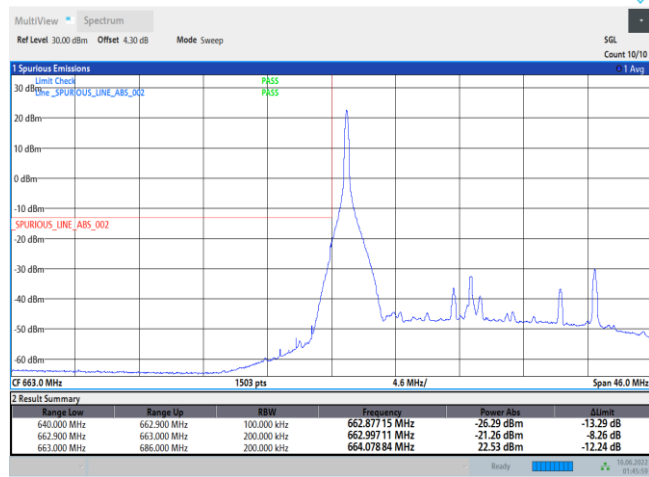
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Band71-20MHz-QPSK-133222-1RB#0



01:46:00 16.06.2022

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



01:46:29 16.06.2022



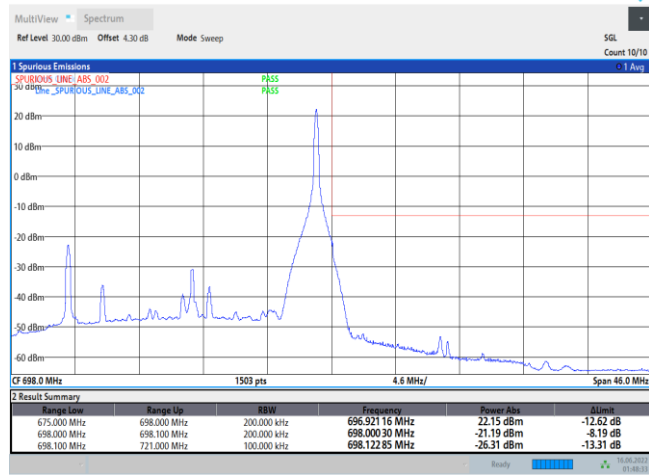
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Band71-20MHz-QPSK-133372-1RB#99



01:48:33 16.06.2022

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



01:49:03 16.06.2022



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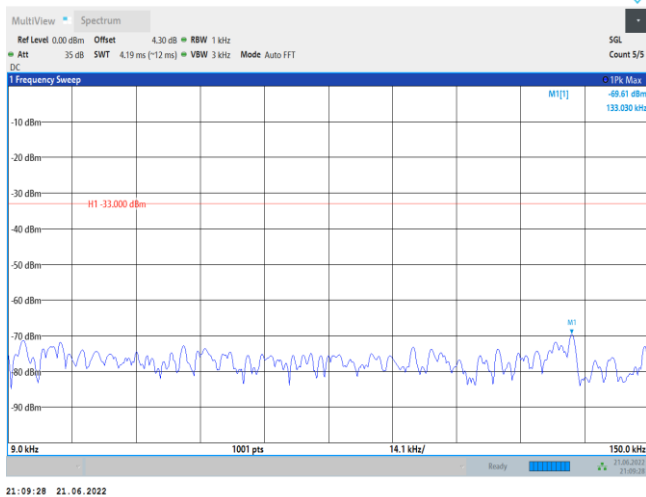
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## Conducted Spurious Emission

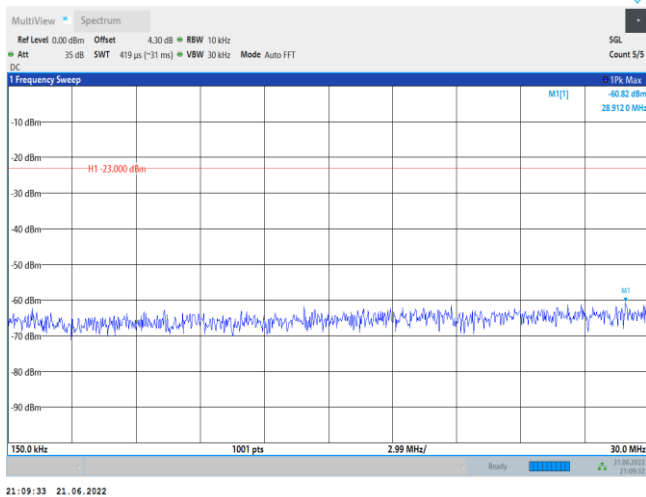
### Test Graphs

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



21:09:28 21.06.2022

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

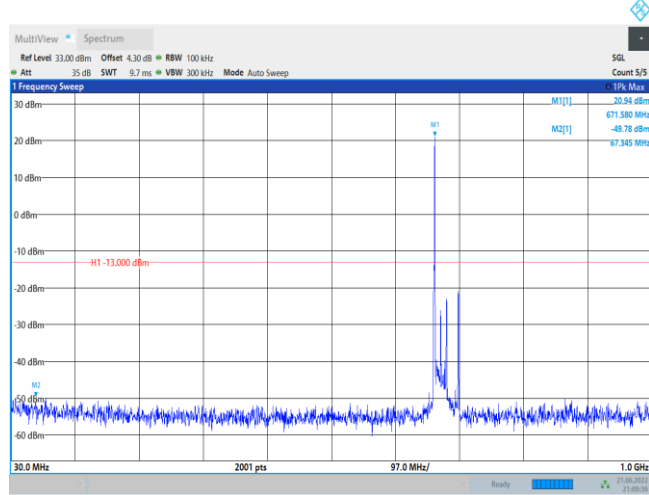


21:09:33 21.06.2022



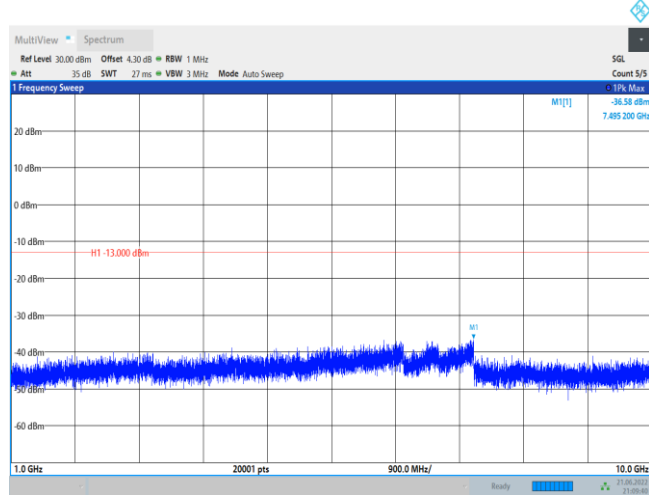
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Band71-20MHz-QPSK-133222-1RB#0-Range3:30~1000MHz



21:09:37 21.06.2022

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



21:09:41 21.06.2022

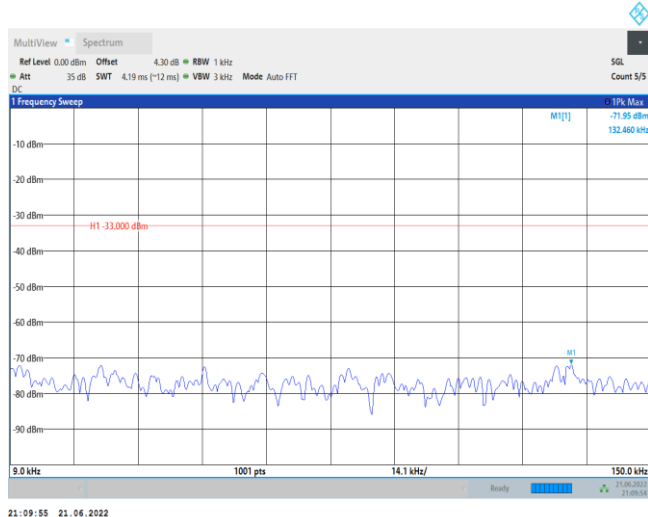


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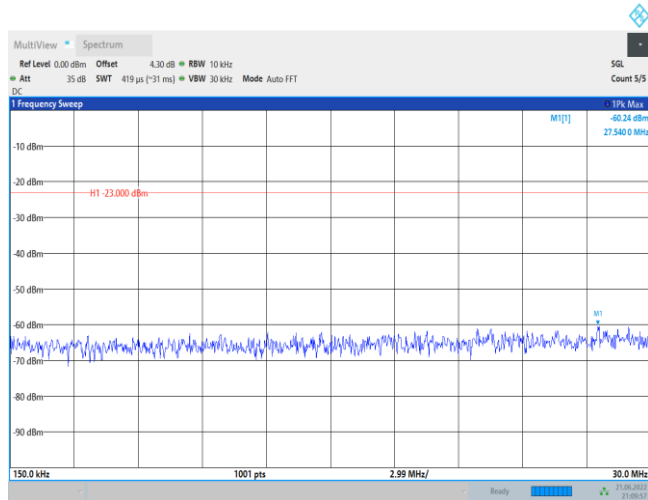
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Band71-20MHz-QPSK-133322-1RB#0-Range1:0.009~0.15MHz



21:09:55 21.06.2022

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

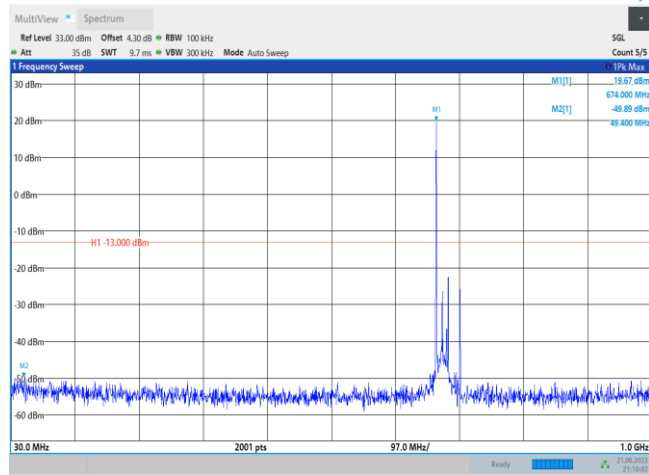


21:09:58 21.06.2022



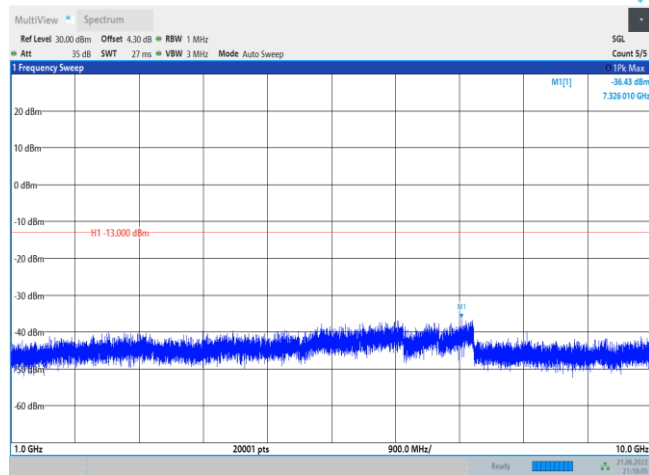
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Band71-20MHz-QPSK-133322-1RB#0-Range3:30~1000MHz



21:10:03 21.06.2022

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



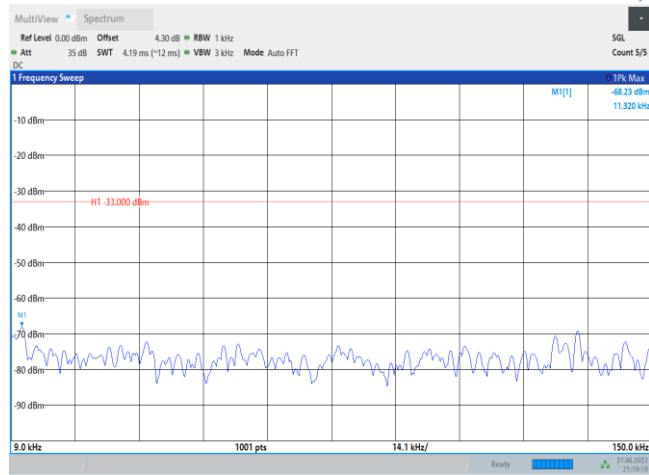
21:10:06 21.06.2022



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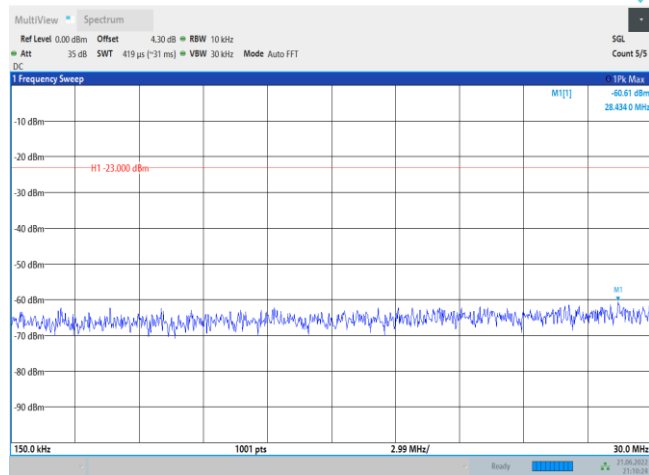
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Band71-20MHz-QPSK-133372-1RB#0-Range1:0.009~0.15MHz



21:10:20 21.06.2022

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



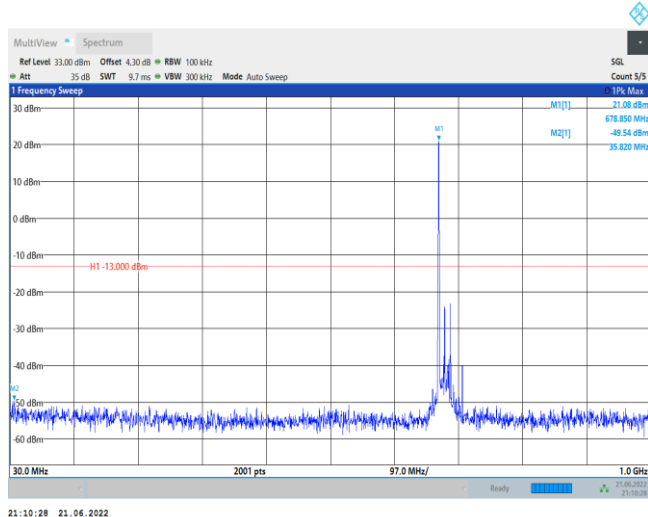
21:10:24 21.06.2022



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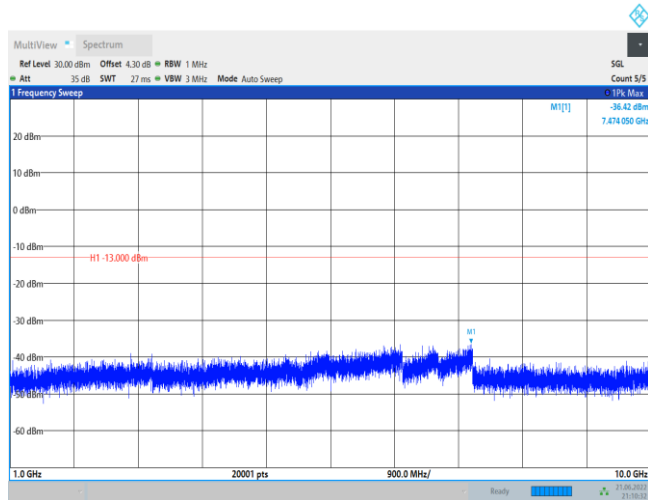


Band71-20MHz-QPSK-133372-1RB#0-Range3:30~1000MHz



21:10:28 21.06.2022

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



21:10:32 21.06.2022



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### Field Strength of Spurious Radiation

Test Band = LTE Band 71\_ 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	1328.1800	57.88	-117.74	-59.86	-13.00	46.86	214	36	Horizontal
2	1992.2700	67.38	-116.58	-49.20	-13.00	36.20	133	101	Horizontal
3	2656.3600	51.10	-114.05	-62.95	-13.00	49.95	165	360	Horizontal
4	3320.4500	51.76	-112.38	-60.62	-13.00	47.62	195	84	Horizontal
5	3984.5400	50.15	-110.70	-60.55	-13.00	47.55	147	197	Horizontal
6	4648.6300	49.58	-109.20	-59.62	-13.00	46.62	172	324	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.1800	53.09	-117.72	-64.63	-13.00	51.63	214	182	Vertical
2	1992.2	56.83	-116.58	-59.75	-13.00	46.75	185	101	Vertical
3	2696.3600	51.39	-114.02	-62.63	-13.00	49.63	164	261	Vertical
4	3370.4500	51.46	-112.37	-60.91	-13.00	47.91	172	70	Vertical
5	4044.5400	50.57	-110.46	-59.89	-13.00	46.89	230	36	Vertical
6	4718.6300	48.62	-108.96	-60.34	-13.00	47.34	133	2	Vertical



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**Test Band = LTE Band 71\_ 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	54.37	-117.72	-63.35	-13.00	50.35	284	35	Horizontal
2	2022.2	66.80	-116.40	-49.60	-13.00	36.60	179	116	Horizontal
3	2696.3600	51.48	-114.02	-62.54	-13.00	49.54	136	292	Horizontal
4	3370.4500	50.27	-112.37	-62.10	-13.00	49.10	122	352	Horizontal
5	4044.5400	49.35	-110.46	-61.11	-13.00	48.11	140	246	Horizontal
6	4718.6300	50.56	-108.96	-58.40	-13.00	45.40	166	212	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.1800	53.26	-117.72	-64.46	-13.00	51.46	214	309	Vertical
2	2022.2700	53.13	-116.40	-63.27	-13.00	50.27	194	65	Vertical
3	2696.3600	50.26	-114.02	-63.76	-13.00	50.76	172	49	Vertical
4	3370.4500	51.34	-112.37	-61.03	-13.00	48.03	211	356	Vertical
5	4044.5400	51.29	-110.46	-59.17	-13.00	46.17	153	356	Vertical
6	4718.6300	49.37	-108.96	-59.59	-13.00	46.59	260	225	Vertical



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**Test Band = LTE Band 71\_ 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	57.90	-117.70	-59.80	-13.00	46.80	148	51	Horizontal
2	2037.2	66.05	-116.32	-50.27	-13.00	37.27	195	132	Horizontal
3	2716.3600	52.24	-113.97	-61.73	-13.00	48.73	167	360	Horizontal
4	3395.4500	51.74	-112.37	-60.63	-13.00	47.63	142	360	Horizontal
5	4074.5400	48.84	-110.32	-61.48	-13.00	48.48	233	35	Horizontal
6	4753.6300	49.75	-108.79	-59.04	-13.00	46.04	201	227	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.1800	51.36	-117.70	-66.34	-13.00	53.34	194	263	Vertical
2	2037.2700	51.87	-116.32	-64.45	-13.00	51.45	172	263	Vertical
3	2716.3600	52.18	-113.97	-61.79	-13.00	48.79	230	166	Vertical
4	3395.4500	50.39	-112.37	-61.98	-13.00	48.98	168	231	Vertical
5	4074.5400	49.53	-110.32	-60.79	-13.00	47.79	191	356	Vertical
6	4753.6300	49.48	-108.79	-59.31	-13.00	46.31	145	54	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	0.00	0.000000	PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	-0.50	-0.000732	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	-3.90	-0.005710	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	NV	-30	-0.50	-0.000732	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-20	0.80	0.001171	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	-13.20	-0.019327	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	-9.90	-0.014495	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	-9.40	-0.013763	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-6.20	-0.009078	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	-15.10	-0.022108	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	4.60	0.006735	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	-2.90	-0.004246	PASS

The End



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