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Appendix



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP dBm)	Limit (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	23.32	17.87	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.08	17.63	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.21	17.76	34.77	PASS
Band71	5MHz	QPSK	133147	12RB#0	22.29	16.84	34.77	PASS
Band71	5MHz	QPSK	133147	12RB#6	22.29	16.84	34.77	PASS
Band71	5MHz	QPSK	133147	12RB#13	22.37	16.92	34.77	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.28	16.83	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#0	23.26	17.81	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#12	23.22	17.77	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#24	23.41	17.96	34.77	PASS
Band71	5MHz	QPSK	133297	12RB#0	22.33	16.88	34.77	PASS
Band71	5MHz	QPSK	133297	12RB#6	22.34	16.89	34.77	PASS
Band71	5MHz	QPSK	133297	12RB#13	22.14	16.69	34.77	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.20	16.75	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#0	23.43	17.98	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.16	17.71	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#24	23.24	17.79	34.77	PASS
Band71	5MHz	QPSK	133447	12RB#0	22.45	17	34.77	PASS
Band71	5MHz	QPSK	133447	12RB#6	22.27	16.82	34.77	PASS
Band71	5MHz	QPSK	133447	12RB#13	22.22	16.77	34.77	PASS
Band71	5MHz	QPSK	133447	25RB#0	22.35	16.9	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.77	16.32	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.01	16.56	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#24	22.04	16.59	34.77	PASS
Band71	5MHz	16QAM	133147	12RB#0	21.18	15.73	34.77	PASS
Band71	5MHz	16QAM	133147	12RB#6	21.18	15.73	34.77	PASS
Band71	5MHz	16QAM	133147	12RB#13	21.27	15.82	34.77	PASS



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Band71	5MHz	16QAM	133147	25RB#0	21.20	15.75	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.63	17.18	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.51	17.06	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.52	17.07	34.77	PASS
Band71	5MHz	16QAM	133297	12RB#0	21.19	15.74	34.77	PASS
Band71	5MHz	16QAM	133297	12RB#6	21.19	15.74	34.77	PASS
Band71	5MHz	16QAM	133297	12RB#13	21.19	15.74	34.77	PASS
Band71	5MHz	16QAM	133297	25RB#0	21.18	15.73	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#0	22.37	16.92	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#12	22.32	16.87	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#24	22.29	16.84	34.77	PASS
Band71	5MHz	16QAM	133447	12RB#0	21.51	16.06	34.77	PASS
Band71	5MHz	16QAM	133447	12RB#6	21.51	16.06	34.77	PASS
Band71	5MHz	16QAM	133447	12RB#13	21.26	15.81	34.77	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.40	15.95	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.08	17.63	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.25	17.8	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#49	23.51	18.06	34.77	PASS
Band71	10MHz	QPSK	133172	25RB#0	22.24	16.79	34.77	PASS
Band71	10MHz	QPSK	133172	25RB#12	22.34	16.89	34.77	PASS
Band71	10MHz	QPSK	133172	25RB#25	22.48	17.03	34.77	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.35	16.9	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#0	23.64	18.19	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#24	23.30	17.85	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#49	23.16	17.71	34.77	PASS
Band71	10MHz	QPSK	133297	25RB#0	22.28	16.83	34.77	PASS
Band71	10MHz	QPSK	133297	25RB#12	22.63	17.18	34.77	PASS
Band71	10MHz	QPSK	133297	25RB#25	22.12	16.67	34.77	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.20	16.75	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#0	23.40	17.95	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#24	23.24	17.79	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#49	23.18	17.73	34.77	PASS
Band71	10MHz	QPSK	133422	25RB#0	22.21	16.76	34.77	PASS



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Band71	10MHz	QPSK	133422	25RB#12	22.29	16.84	34.77	PASS
Band71	10MHz	QPSK	133422	25RB#25	22.34	16.89	34.77	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.36	16.91	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.15	16.7	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#24	22.90	17.45	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#49	22.20	16.75	34.77	PASS
Band71	10MHz	16QAM	133172	25RB#0	21.32	15.87	34.77	PASS
Band71	10MHz	16QAM	133172	25RB#12	21.31	15.86	34.77	PASS
Band71	10MHz	16QAM	133172	25RB#25	21.35	15.9	34.77	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.32	15.87	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#0	22.61	17.16	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.50	17.05	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.53	17.08	34.77	PASS
Band71	10MHz	16QAM	133297	25RB#0	21.38	15.93	34.77	PASS
Band71	10MHz	16QAM	133297	25RB#12	21.65	16.2	34.77	PASS
Band71	10MHz	16QAM	133297	25RB#25	21.28	15.83	34.77	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.21	15.76	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#0	22.46	17.01	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#24	22.36	16.91	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.20	16.75	34.77	PASS
Band71	10MHz	16QAM	133422	25RB#0	21.18	15.73	34.77	PASS
Band71	10MHz	16QAM	133422	25RB#12	21.32	15.87	34.77	PASS
Band71	10MHz	16QAM	133422	25RB#25	21.48	16.03	34.77	PASS
Band71	10MHz	16QAM	133422	50RB#0	21.36	15.91	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#0	23.16	17.71	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.20	17.75	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#74	23.33	17.88	34.77	PASS
Band71	15MHz	QPSK	133197	38RB#0	22.32	16.87	34.77	PASS
Band71	15MHz	QPSK	133197	38RB#18	22.27	16.82	34.77	PASS
Band71	15MHz	QPSK	133197	38RB#37	22.32	16.87	34.77	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.38	16.93	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#0	23.14	17.69	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.01	17.56	34.77	PASS



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			1.		Page:	5 01	20	
Band71	15MHz	QPSK	133297	1RB#74	23.33	17.88	34.77	PASS
Band71	15MHz	QPSK	133297	38RB#0	22.29	16.84	34.77	PASS
Band71	15MHz	QPSK	133297	38RB#18	21.64	16.19	34.77	PASS
Band71	15MHz	QPSK	133297	38RB#37	21.97	16.52	34.77	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.47	17.02	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#0	23.33	17.88	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#38	23.27	17.82	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#74	23.15	17.7	34.77	PASS
Band71	15MHz	QPSK	133397	38RB#0	22.30	16.85	34.77	PASS
Band71	15MHz	QPSK	133397	38RB#18	22.26	16.81	34.77	PASS
Band71	15MHz	QPSK	133397	38RB#37	22.64	17.19	34.77	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.38	16.93	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.35	16.9	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.31	16.86	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.35	16.9	34.77	PASS
Band71	15MHz	16QAM	133197	38RB#0	22.31	16.86	34.77	PASS
Band71	15MHz	16QAM	133197	38RB#18	22.28	16.83	34.77	PASS
Band71	15MHz	16QAM	133197	38RB#37	22.33	16.88	34.77	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.44	15.99	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.40	16.95	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.33	16.88	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#74	22.43	16.98	34.77	PASS
Band71	15MHz	16QAM	133297	38RB#0	22.29	16.84	34.77	PASS
Band71	15MHz	16QAM	133297	38RB#18	21.65	16.2	34.77	PASS
Band71	15MHz	16QAM	133297	38RB#37	22.32	16.87	34.77	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.28	15.83	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.28	16.83	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#38	22.17	16.72	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.17	16.72	34.77	PASS
Band71	15MHz	16QAM	133397	38RB#0	22.30	16.85	34.77	PASS
Band71	15MHz	16QAM	133397	38RB#18	22.57	17.12	34.77	PASS
Band71	15MHz	16QAM	133397	38RB#37	22.62	17.17	34.77	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.40	15.95	34.77	PASS



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Band71	20MHz	QPSK	133222	1RB#0	23.18	17.73	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.73	18.28	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#99	23.06	17.61	34.77	PASS
Band71	20MHz	QPSK	133222	50RB#0	22.45	17	34.77	PASS
Band71	20MHz	QPSK	133222	50RB#25	22.44	16.99	34.77	PASS
Band71	20MHz	QPSK	133222	50RB#50	22.27	16.82	34.77	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.48	17.03	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#0	23.35	17.9	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.31	17.86	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#99	23.10	17.65	34.77	PASS
Band71	20MHz	QPSK	133322	50RB#0	22.42	16.97	34.77	PASS
Band71	20MHz	QPSK	133322	50RB#25	22.35	16.9	34.77	PASS
Band71	20MHz	QPSK	133322	50RB#50	22.29	16.84	34.77	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.21	16.76	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#0	22.97	17.52	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.34	17.89	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#99	23.17	17.72	34.77	PASS
Band71	20MHz	QPSK	133372	50RB#0	22.22	16.77	34.77	PASS
Band71	20MHz	QPSK	133372	50RB#25	22.33	16.88	34.77	PASS
Band71	20MHz	QPSK	133372	50RB#50	22.36	16.91	34.77	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.29	16.84	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.30	16.85	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.89	17.44	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.15	16.7	34.77	PASS
Band71	20MHz	16QAM	133222	50RB#0	21.52	16.07	34.77	PASS
Band71	20MHz	16QAM	133222	50RB#25	21.51	16.06	34.77	PASS
Band71	20MHz	16QAM	133222	50RB#50	21.27	15.82	34.77	PASS
Band71	20MHz	16QAM	133222	100RB#0	21.35	15.9	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#0	22.54	17.09	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.65	17.2	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#99	22.75	17.3	34.77	PASS
Band71	20MHz	16QAM	133322	50RB#0	21.24	15.79	34.77	PASS
Band71	20MHz	16QAM	133322	50RB#25	21.24	15.79	34.77	PASS



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Band71	20MHz	16QAM	133322	50RB#50	21.17	15.72	34.77	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.19	15.74	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#0	22.08	16.63	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.17	16.72	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.12	16.67	34.77	PASS
Band71	20MHz	16QAM	133372	50RB#0	21.37	15.92	34.77	PASS
Band71	20MHz	16QAM	133372	50RB#25	21.28	15.83	34.77	PASS
Band71	20MHz	16QAM	133372	50RB#50	21.28	15.83	34.77	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.30	15.85	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	4.96	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.10	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.00	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	5.92	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	5.92	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	5.86	13	PASS



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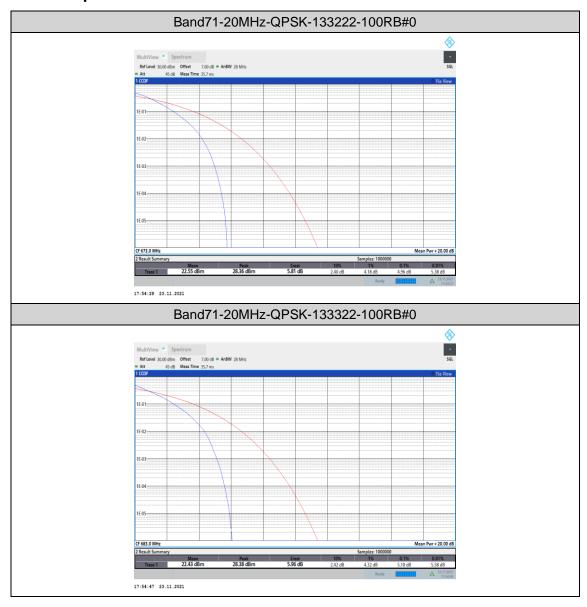


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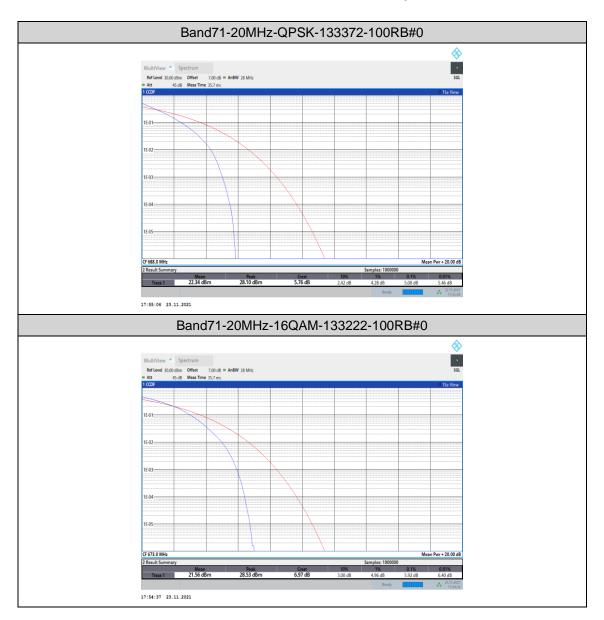
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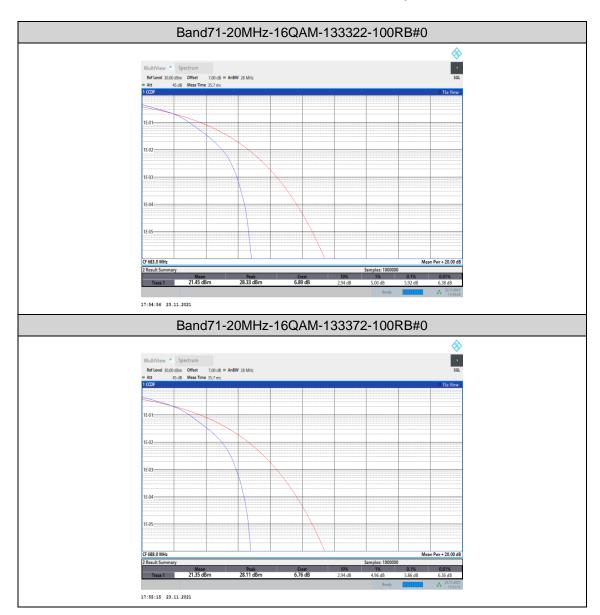
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Modulation Characteristics

Test Result

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



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Test Graphs





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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	4.468	4.910	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.48	4.930	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.478	4.940	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.475	4.940	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.483	4.940	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.47	4.880	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.913	9.700	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.912	9.660	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.928	9.780	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.92	9.640	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.919	9.720	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.911	9.600	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.422	14.730	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.404	14.670	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.437	14.760	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.435	14.790	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.442	14.700	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.446	14.760	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.828	19.360	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.809	19.360	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.827	19.160	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.814	19.200	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.852	19.360	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.856	19.440	PASS



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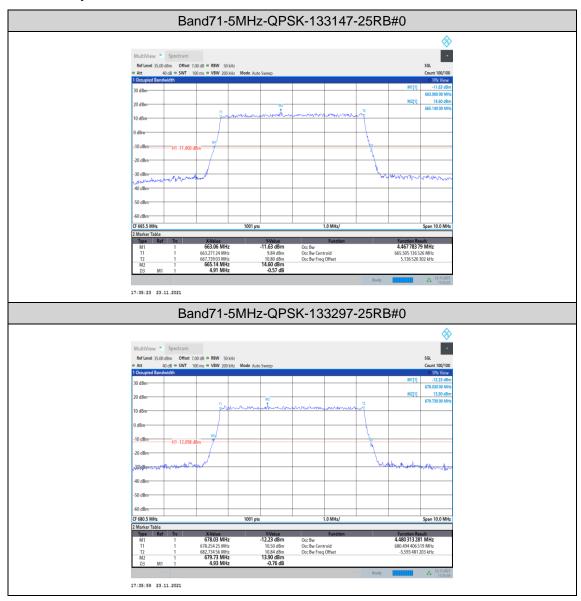


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Test Graphs





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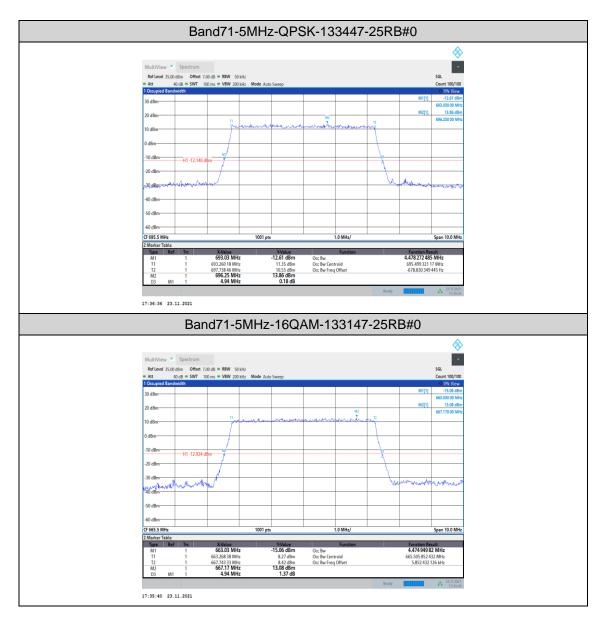
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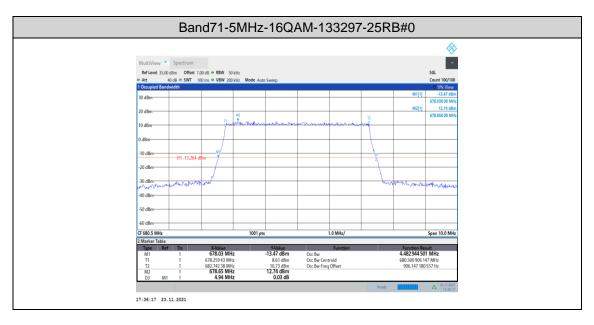
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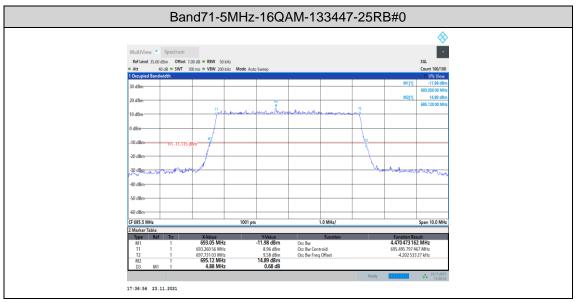


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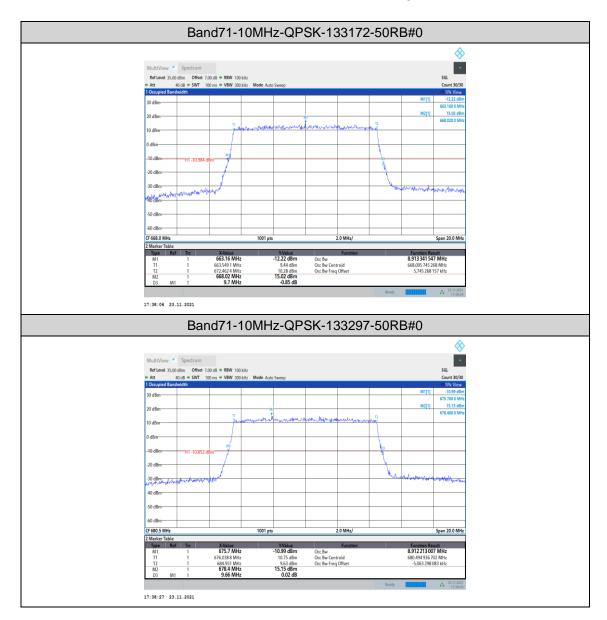
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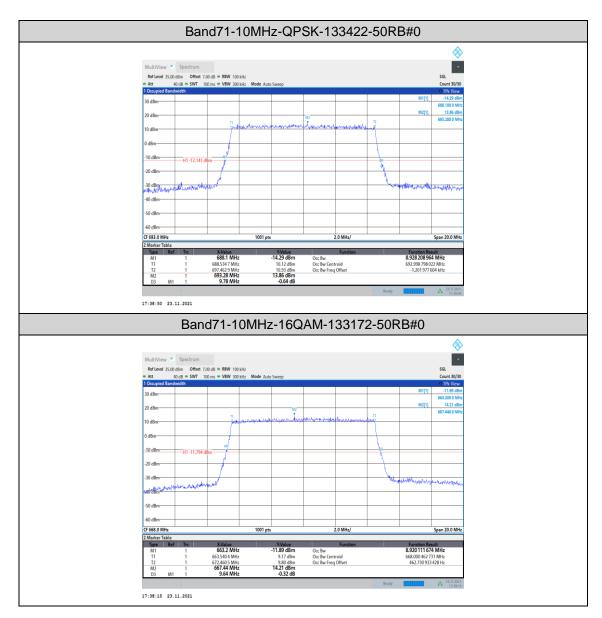
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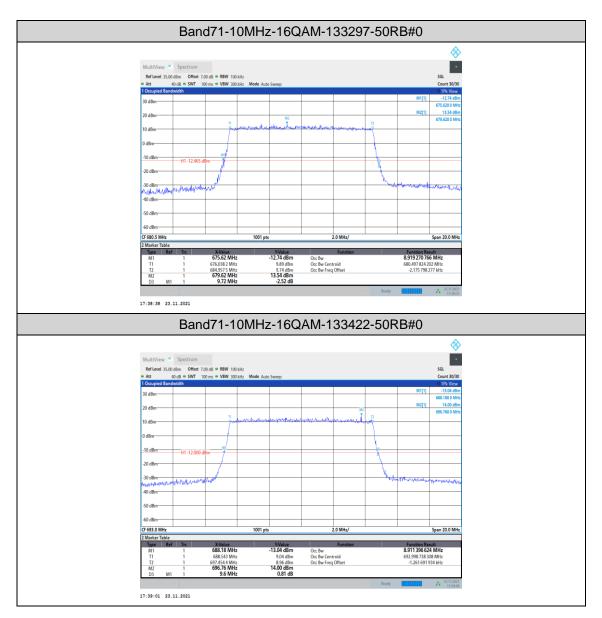
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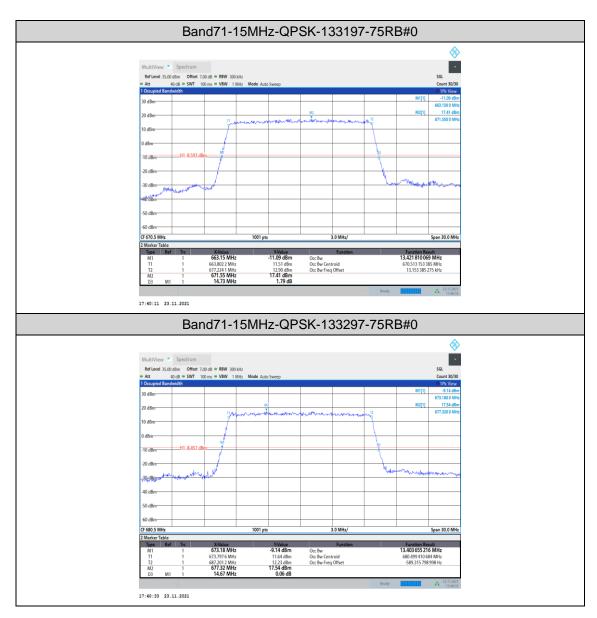
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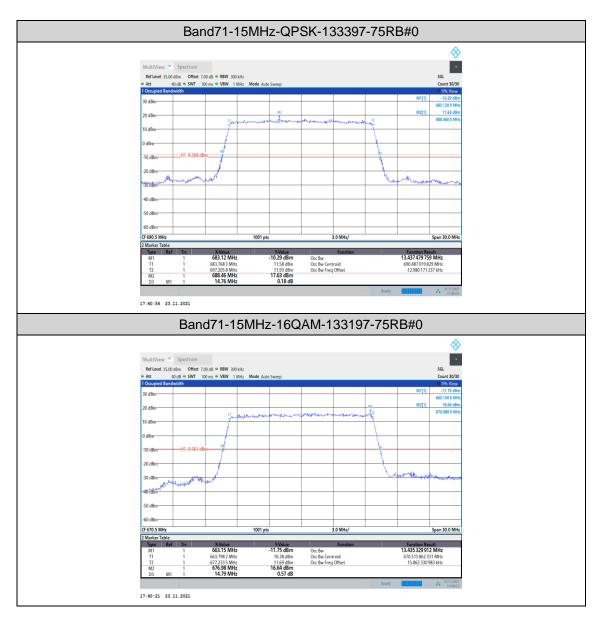
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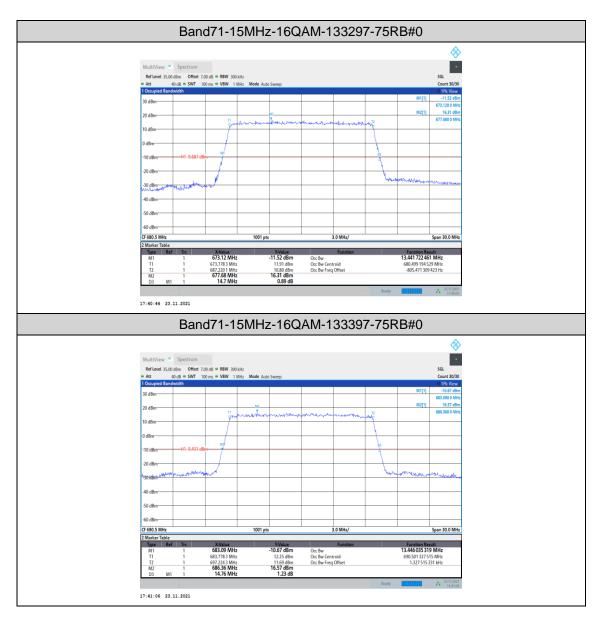
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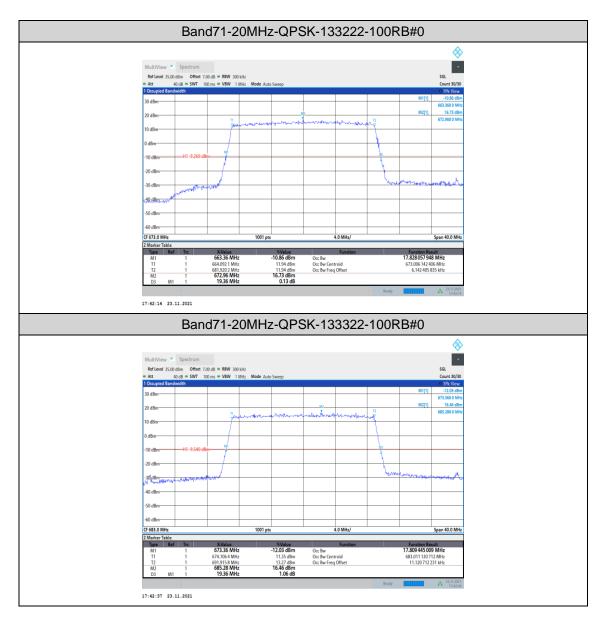
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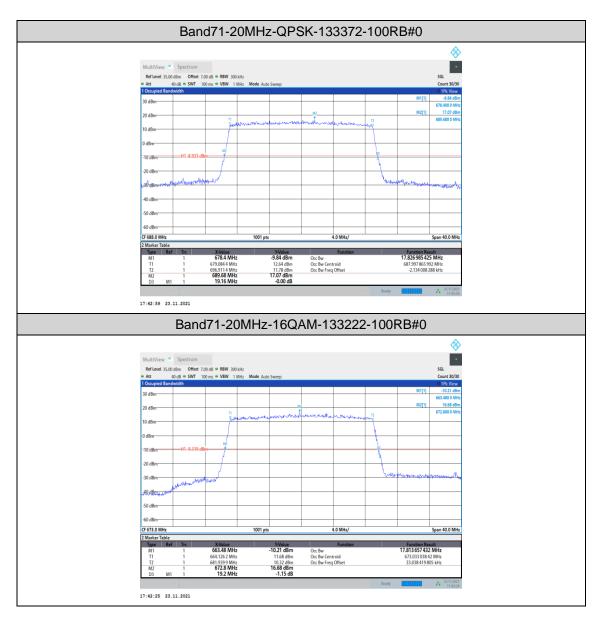
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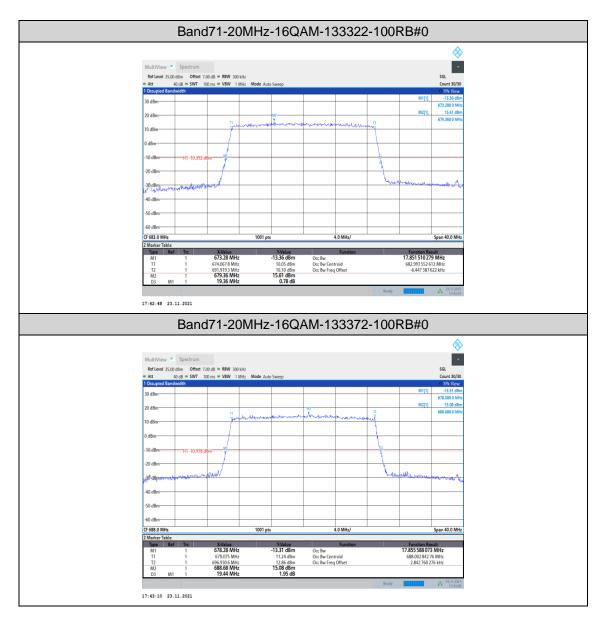
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Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	-21.77	PASS
Band71	5MHz	QPSK	133147	25RB#0	-29.84	PASS
Band71	5MHz	QPSK	133447	1RB#24	-22.62	PASS
Band71	5MHz	QPSK	133447	25RB#0	-29.54	PASS
Band71	5MHz	16QAM	133147	1RB#0	-23.46	PASS
Band71	5MHz	16QAM	133147	25RB#0	-31.28	PASS
Band71	5MHz	16QAM	133447	1RB#24	-21.43	PASS
Band71	5MHz	16QAM	133447	25RB#0	-29.81	PASS
Band71	10MHz	QPSK	133172	1RB#0	-32.12	PASS
Band71	10MHz	QPSK	133172	50RB#0	-33.86	PASS
Band71	10MHz	QPSK	133422	1RB#49	-32.03	PASS
Band71	10MHz	QPSK	133422	50RB#0	-32.96	PASS
Band71	10MHz	16QAM	133172	1RB#0	-32.58	PASS
Band71	10MHz	16QAM	133172	50RB#0	-35.08	PASS
Band71	10MHz	16QAM	133422	1RB#49	-32.43	PASS
Band71	10MHz	16QAM	133422	50RB#0	-34.47	PASS
Band71	15MHz	QPSK	133197	1RB#0	-25.50	PASS
Band71	15MHz	QPSK	133197	75RB#0	-33.56	PASS
Band71	15MHz	QPSK	133397	1RB#74	-26.43	PASS
Band71	15MHz	QPSK	133397	75RB#0	-31.76	PASS
Band71	15MHz	16QAM	133197	1RB#0	-26.69	PASS
Band71	15MHz	16QAM	133197	75RB#0	-36.39	PASS
Band71	15MHz	16QAM	133397	1RB#74	-27.26	PASS
Band71	15MHz	16QAM	133397	75RB#0	-34.30	PASS
Band71	20MHz	QPSK	133222	1RB#0	-28.88	PASS
Band71	20MHz	QPSK	133222	100RB#0	-35.93	PASS
Band71	20MHz	QPSK	133372	1RB#99	-27.94	PASS
Band71	20MHz	QPSK	133372	100RB#0	-33.91	PASS
Band71	20MHz	16QAM	133222	1RB#0	-29.55	PASS
Band71	20MHz	16QAM	133222	100RB#0	-37.63	PASS
Band71	20MHz	16QAM	133372	1RB#99	-29.00	PASS
Band71	20MHz	16QAM	133372	100RB#0	-35.02	PASS



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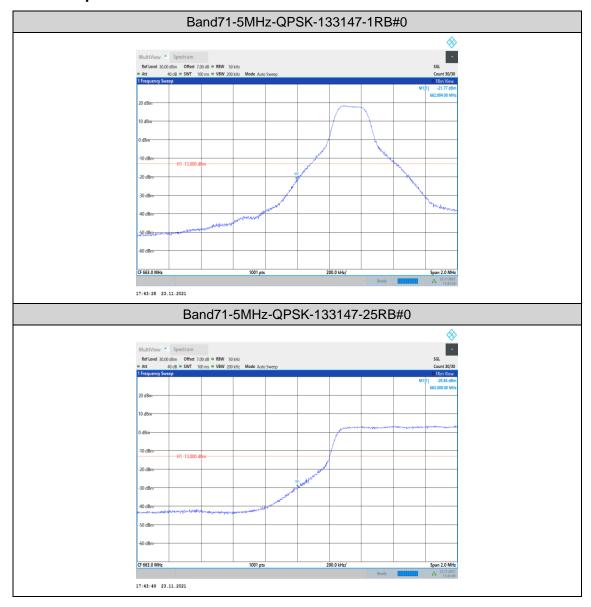


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Test Graphs





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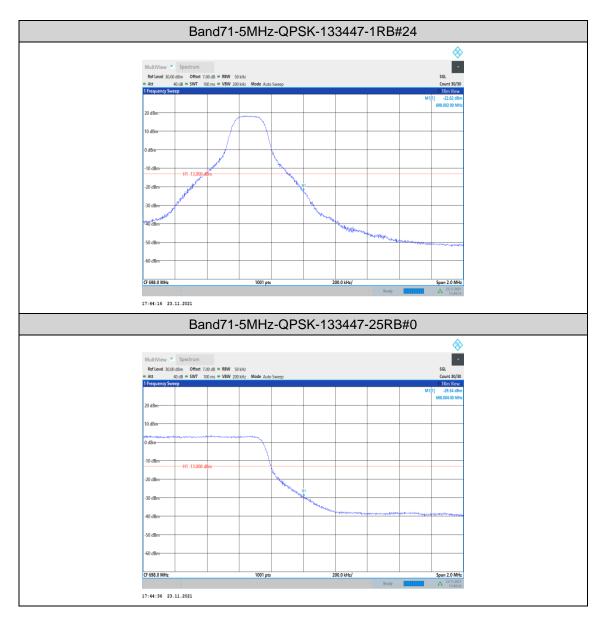
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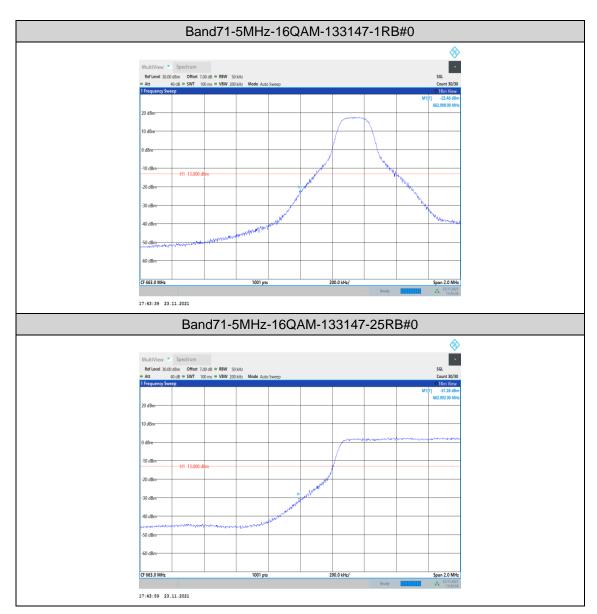
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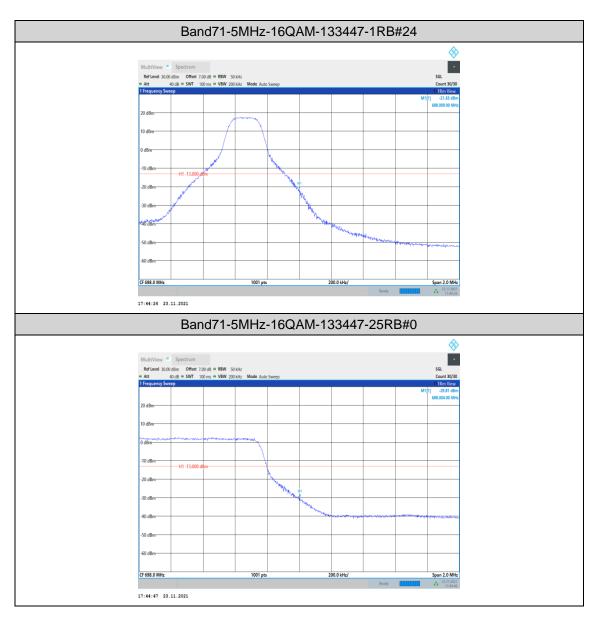
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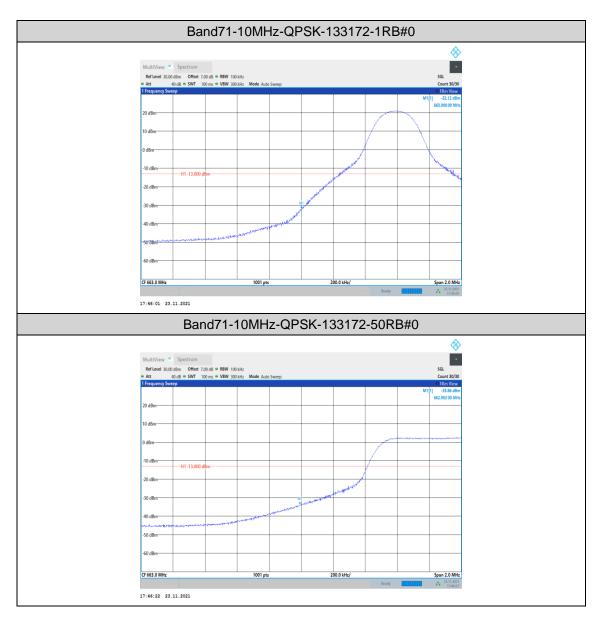
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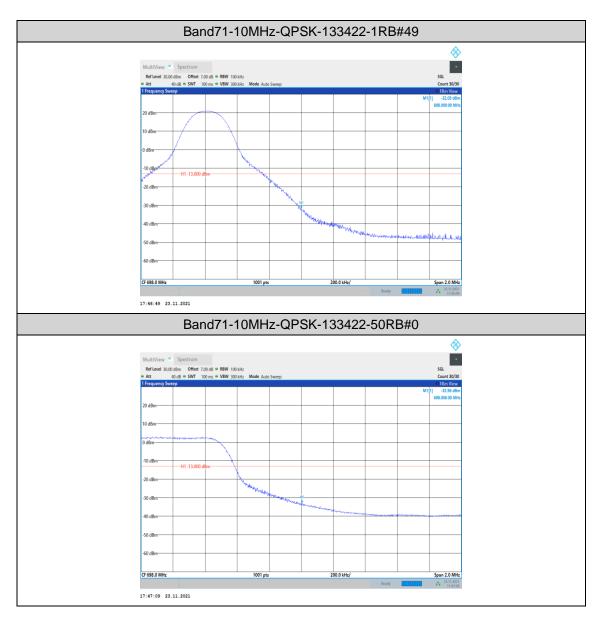
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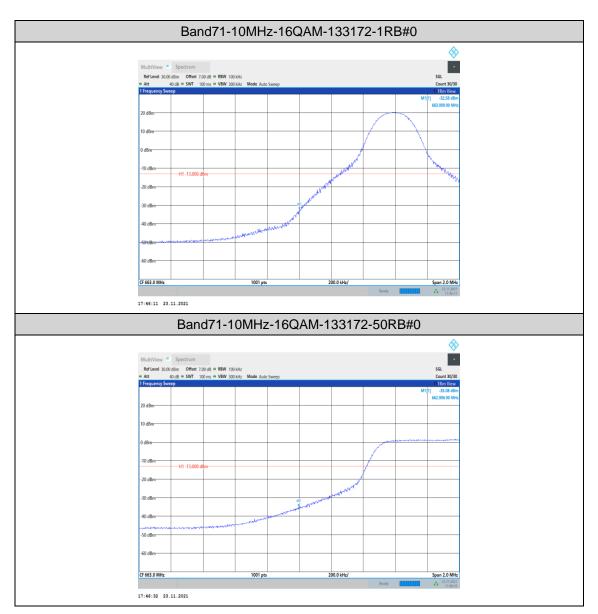
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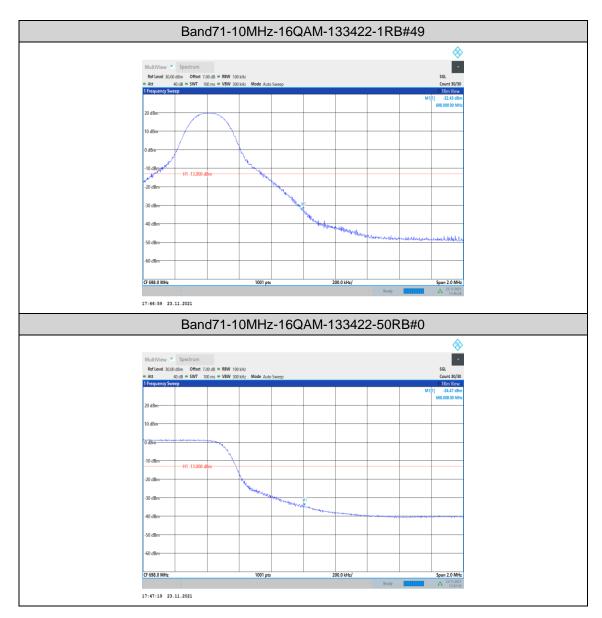
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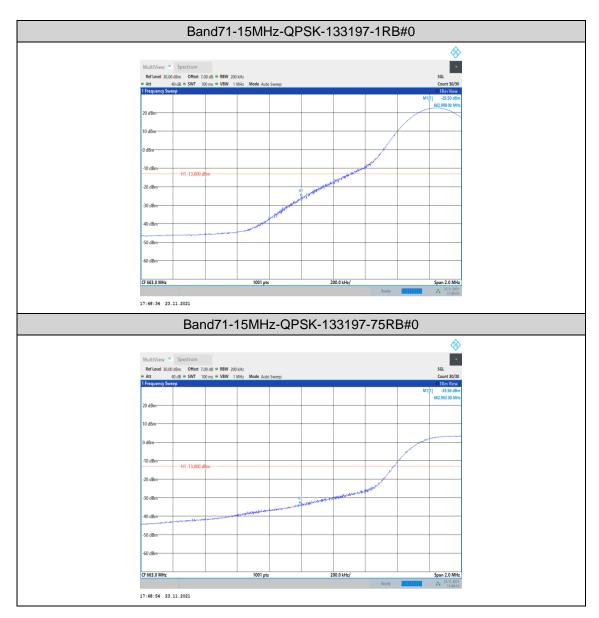
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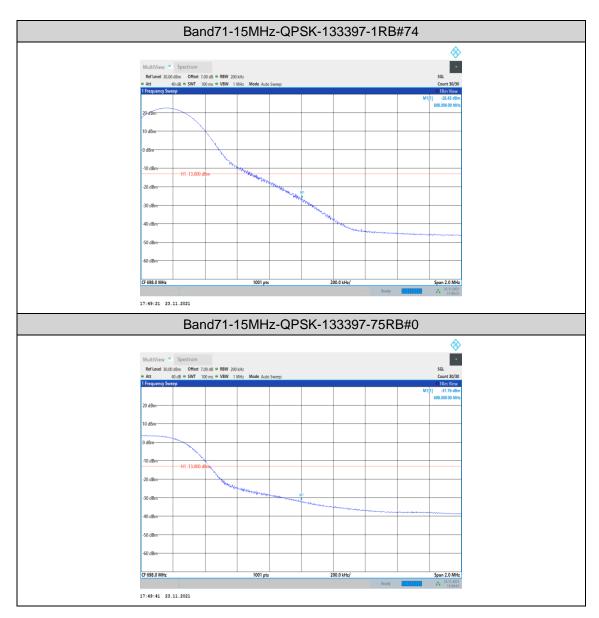
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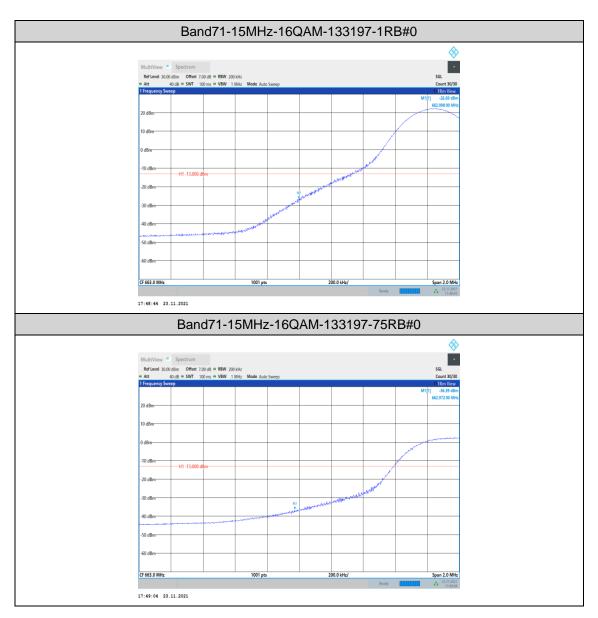
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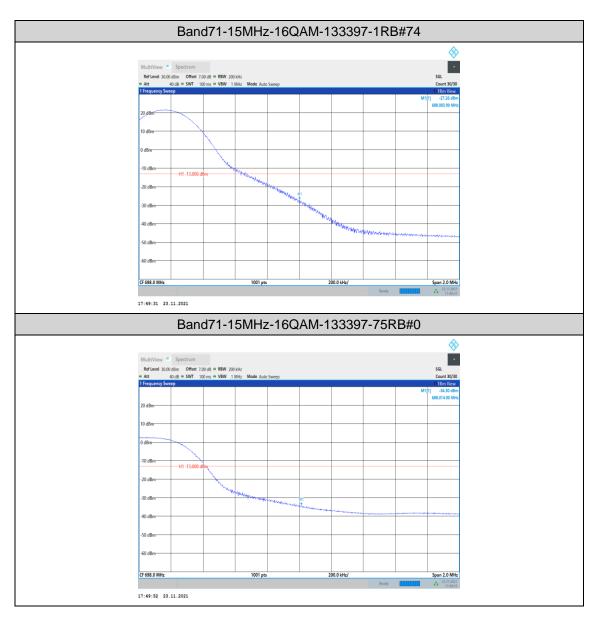
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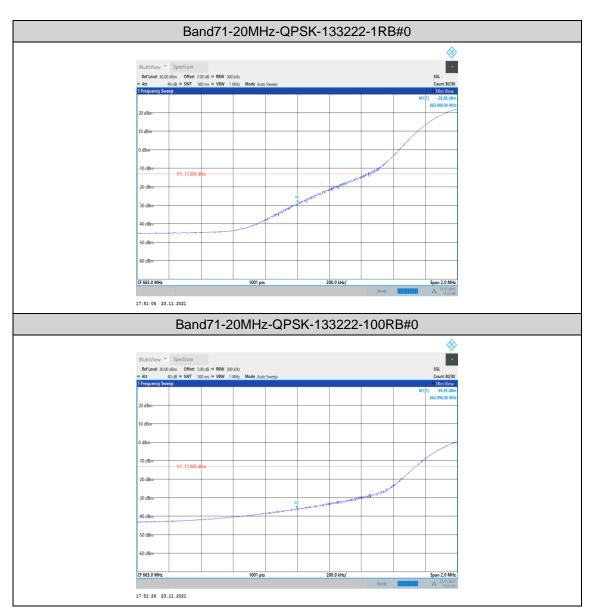
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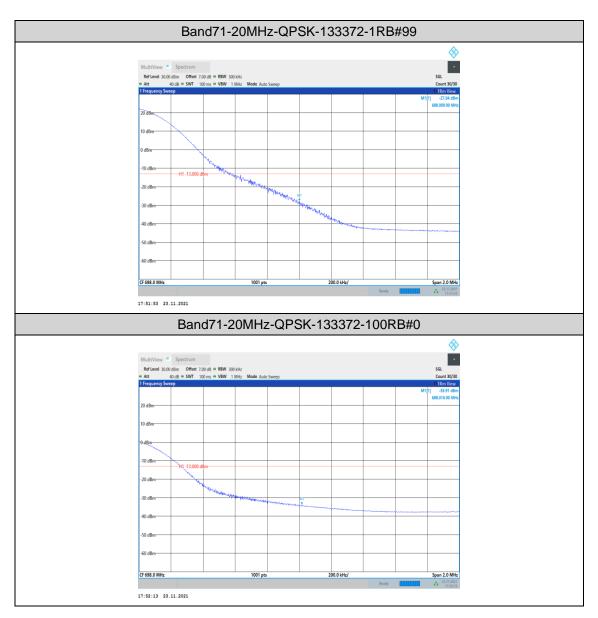
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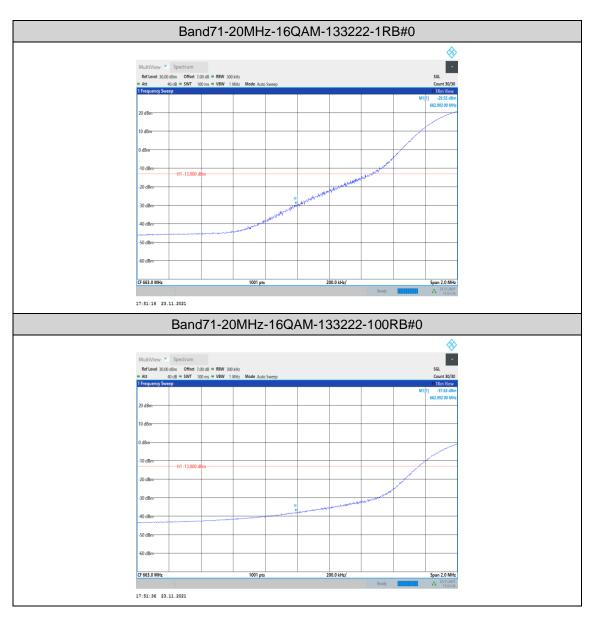
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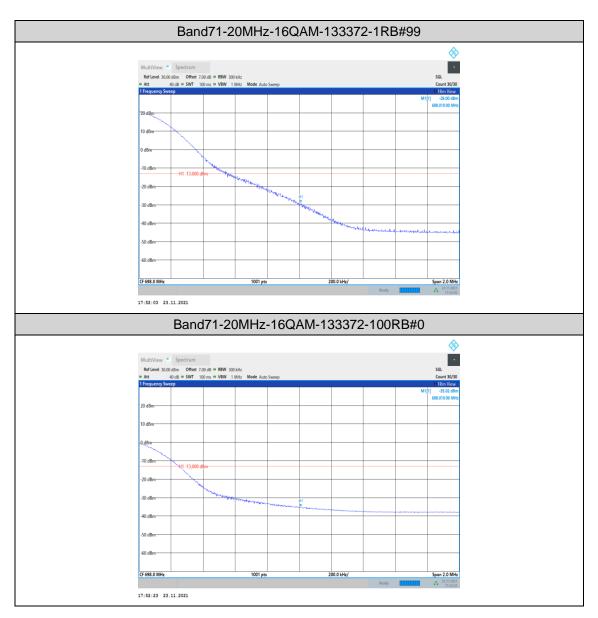
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Conducted Spurious Emission

Test Result

Dand	Deve also della	Mandadatian	01	RB	Frequency	Result	\
Band	Bandwidth	Modulation	Channel	Configuration	Range	(dBm)	Verdict
Band71	20MHz	QPSK	133222	1RB#0	Range1:30~1000MHz	-36.37	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range2:1000~10000MHz	-34.36	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range1:30~1000MHz	-37.89	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range2:1000~10000MHz	-34.89	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range1:30~1000MHz	-36.96	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range2:1000~10000MHz	-34.59	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range1:30~1000MHz	-37.23	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range2:1000~10000MHz	-33.89	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range1:30~1000MHz	-38.56	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range2:1000~10000MHz	-34.41	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range1:30~1000MHz	-36.56	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range2:1000~10000MHz	-34.44	PASS



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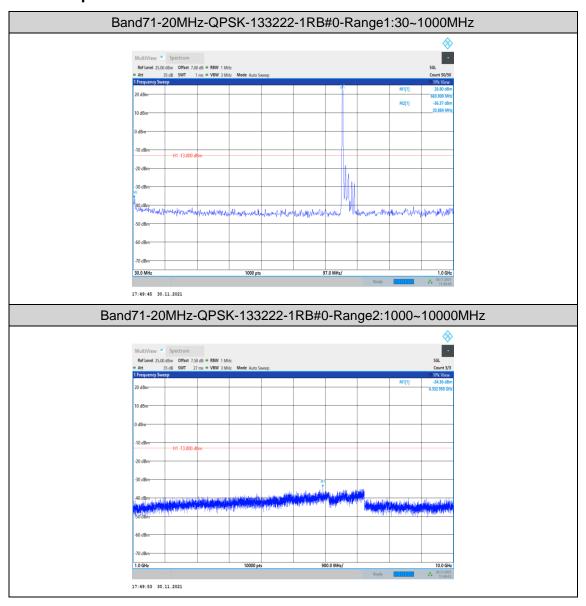


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Test Graphs





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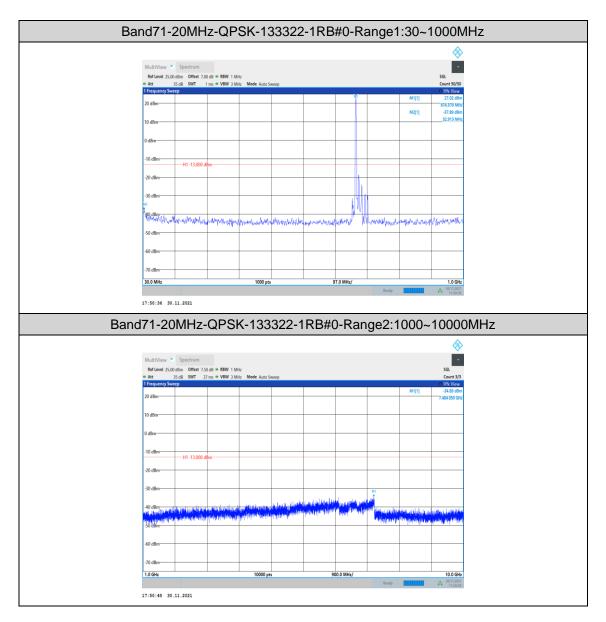
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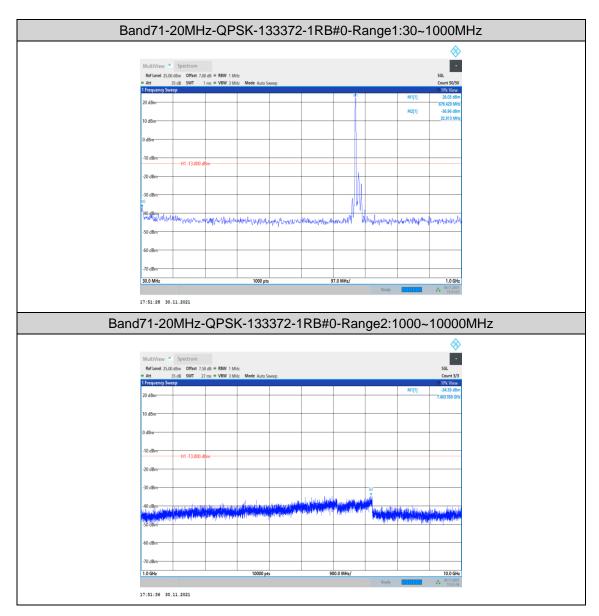
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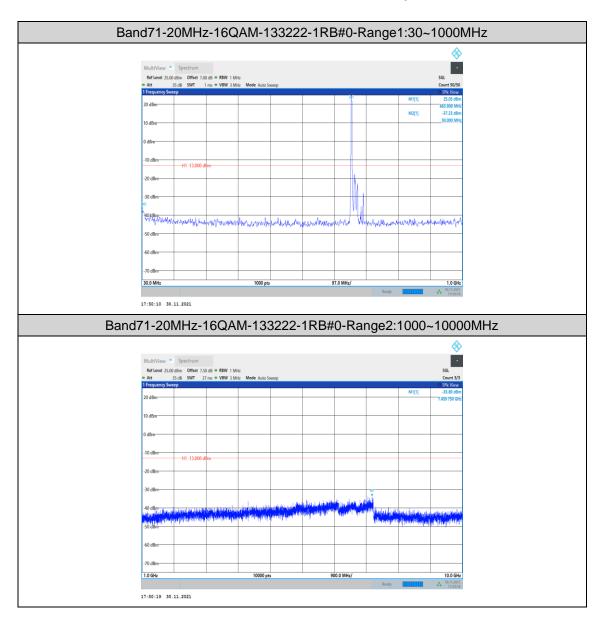
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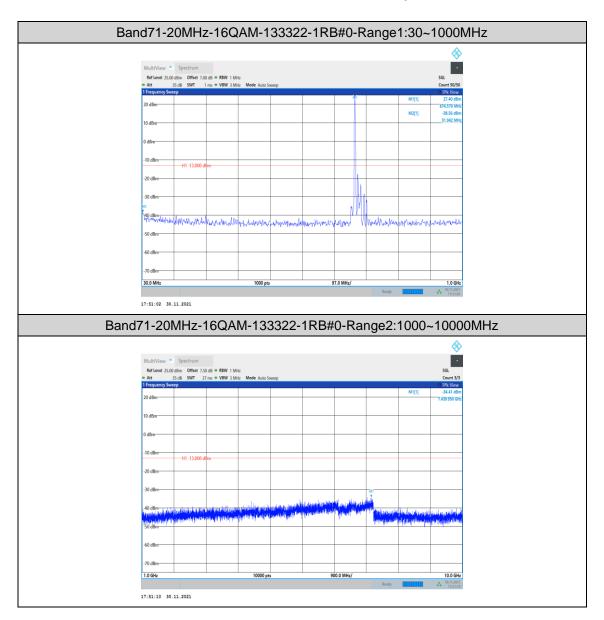
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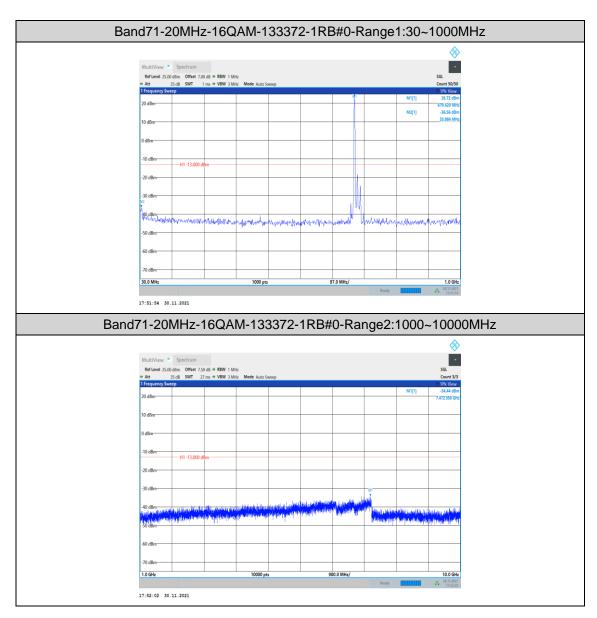
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Field Strength of Spurious Radiation

Test Band =LTE_Band_71 TM1
Test Channel = Low Channel

Data	Data List												
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity					
1	1328.1800	54.61	-63.89	-13.00	50.89	125	185	Horizontal					
2	1992.2700	68.01	-48.49	-13.00	35.49	236	142	Horizontal					
3	2656.3600	58.87	-55.10	-13.00	42.10	254	161	Horizontal					
4	3320.4500	51.07	-60.86	-13.00	47.86	299	323	Horizontal					
5	3984.5400	51.54	-58.66	-13.00	45.66	301	353	Horizontal					
6	4648.6300	50.09	-58.00	-13.00	45.00	118	269	Horizontal					

Data	Data List											
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity				
1	1328.1800	55.93	-62.57	-13.00	49.57	151	296	Vertical				
2	1992.2700	69.16	-47.34	-13.00	34.34	203	115	Vertical				
3	2656.3600	63.14	-50.83	-13.00	37.83	119	176	Vertical				
4	3320.4500	52.06	-59.87	-13.00	46.87	333	151	Vertical				
5	3984.5400	52.58	-57.62	-13.00	44.62	269	236	Vertical				
6	4648.6300	50.48	-57.61	-13.00	44.61	288	331	Vertical				



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Test Band =LTE_Band_71 TM1 Test Channel = Mid Channel

Data	Data List												
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity					
1	1348.1800	59.67	-58.86	-13.00	45.86	222	20	Horizontal					
2	2022.2222	70.36	-45.99	-13.00	32.99	365	136	Horizontal					
3	2696.3600	56.12	-57.64	-13.00	44.64	248	160	Horizontal					
4	3370.4500	52.10	-59.94	-13.00	46.94	256	124	Horizontal					
5	4044.5400	50.18	-59.87	-13.00	46.87	369	94	Horizontal					
6	4718.6300	49.98	-57.92	-13.00	44.92	321	100	Horizontal					

Data	Data List												
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity					
1	1348.1800	62.12	-56.41	-13.00	43.41	125	145	Vertical					
2	2022.2222	71.50	-44.85	-13.00	31.85	325	69	Vertical					
3	2696.3600	59.70	-54.06	-13.00	41.06	268	169	Vertical					
4	3370.4500	51.80	-60.24	-13.00	47.24	337	42	Vertical					
5	4044.5400	50.15	-59.90	-13.00	46.90	298	237	Vertical					
6	4718.6300	49.96	-57.94	-13.00	44.94	345	60	Vertical					



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Test Band =LTE_Band_71 TM1 Test Channel = High Channel

Data	Data List												
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity					
1	1358.1800	63.84	-54.70	-13.00	41.70	152	258	Horizontal					
2	2037.2700	67.99	-48.30	-13.00	35.30	391	155	Horizontal					
3	2716.3600	63.65	-49.97	-13.00	36.97	278	161	Horizontal					
4	3395.4500	53.92	-58.17	-13.00	45.17	265	179	Horizontal					
5	4074.5400	53.24	-56.73	-13.00	43.73	380	215	Horizontal					
6	4753.6300	50.08	-57.75	-13.00	44.75	142	233	Horizontal					

Data	Data List											
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity				
1	1358.1800	54.18	-64.36	-13.00	51.36	222	152	Vertical				
2	2037.2700	70.87	-45.42	-13.00	32.42	320	115	Vertical				
3	2716.3600	66.95	-46.67	-13.00	33.67	365	176	Vertical				
4	3395.4500	56.50	-55.59	-13.00	42.59	389	339	Vertical				
5	4074.5400	54.38	-55.59	-13.00	42.59	278	339	Vertical				
6	4753.6300	50.14	-57.69	-13.00	44.69	290	261	Vertical				



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Frequency Stability

Test Result

				Vo	ltage					
Band	Bandwidt h	Modulatio n	Channel	RB Configure	Vol tag e [Vd c]	Tempe rature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	20MHz	QPSK	133222	100RB#0	VL	NT	-2.13	-0.003165		PASS
Band71	20MHz	QPSK	133222	100RB#0	VN	NT	2.10	0.003120		PASS
Band71	20MHz	QPSK	133222	100RB#0	VH	NT	1.35	0.002006		PASS
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	-2.87	-0.004202		PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	-1.07	-0.001567	Within	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	-2.85	-0.004173	author	PASS
Band71	20MHz	QPSK	133372	100RB#0	VL	NT	-3.29	-0.004782	ized	PASS
Band71	20MHz	QPSK	133372	100RB#0	VN	NT	0.94	0.001366	bands	PASS
Band71	20MHz	QPSK	133372	100RB#0	VH	NT	-2.06	-0.002994	of	PASS
Band71	20MHz	16QAM	133222	100RB#0	VL	NT	-2.21	-0.003284	operat	PASS
Band71	20MHz	16QAM	133222	100RB#0	VN	NT	3.33	0.004948	ion/fre	PASS
Band71	20MHz	16QAM	133222	100RB#0	VH	NT	1.99	0.002957	quenc	PASS
Band71	20MHz	16QAM	133322	100RB#0	VL	NT	-2.84	-0.004158	У	PASS
Band71	20MHz	16QAM	133322	100RB#0	VN	NT	-4.37	-0.006398	block.	PASS
Band71	20MHz	16QAM	133322	100RB#0	VH	NT	-1.29	-0.001889		PASS
Band71	20MHz	16QAM	133372	100RB#0	VL	NT	-1.48	-0.002151		PASS
Band71	20MHz	16QAM	133372	100RB#0	VN	NT	-3.08	-0.004477		PASS
Band71	20MHz	16QAM	133372	100RB#0	VH	NT	-2.59	-0.003765		PASS



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				Temr	peratu	·A				
Band	Bandwidt h	Modulatio n	Channel	RB Configure	Vol tag e [Vd c]	Tempe rature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	20MHz	QPSK	133222	100RB#0	NV	-10	1.54	0.002288		PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	0	-2.64	-0.003923		PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	10	1.25	0.001857		PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	20	2.12	0.003150		PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	30	-1.91	-0.002838		PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	40	3.62	0.005379		PASS
Band71	20MHz	QPSK	133222	100RB#0	NV	50	-2.66	-0.003952		PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	-3.96	-0.005798		PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	-2.76	-0.004041		PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	-2.19	-0.003206		PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-1.75	-0.002562		PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	-2.18	-0.003192	Within	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	-3.25	-0.004758	author	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	-2.51	-0.003675	ized	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	-10	-3.98	-0.005785	bands	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	0	-3.70	-0.005378	of	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	10	-2.48	-0.003605	operat ion/fre	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	20	-2.80	-0.004070	quenc	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	30	1.10	0.001599	у	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	40	1.15	0.001672	block.	PASS
Band71	20MHz	QPSK	133372	100RB#0	NV	50	-3.31	-0.004811		PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	-10	-3.20	-0.004755		PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	0	1.54	0.002288		PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	10	-1.20	-0.001783		PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	20	2.45	0.003640		PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	30	1.84	0.002734		PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	40	-1.74	-0.002585		PASS
Band71	20MHz	16QAM	133222	100RB#0	NV	50	-0.86	-0.001278		PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	-10	-3.25	-0.004758		PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	0	-1.45	-0.002123		PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	10	-2.16	-0.003163		PASS



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Band71	20MHz	16QAM	133322	100RB#0	NV	20	-2.62	-0.003836	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	30	-2.60	-0.003807	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	40	-2.57	-0.003763	PASS
Band71	20MHz	16QAM	133322	100RB#0	NV	50	-3.10	-0.004539	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	-10	-3.06	-0.004448	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	0	-2.44	-0.003547	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	10	-1.49	-0.002166	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	20	-2.23	-0.003241	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	30	-1.32	-0.001919	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	40	-2.16	-0.003140	PASS
Band71	20MHz	16QAM	133372	100RB#0	NV	50	-2.44	-0.003547	PASS

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