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Appendix B.7

LTE Band 12



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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
Band12	1.4MHz	QPSK	23017	1RB#0	24.46	21.43	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.61	21.58	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.48	21.45	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.59	20.56	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.49	21.46	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.63	21.6	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.49	21.46	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.61	20.58	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.51	21.48	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.59	21.56	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.45	21.42	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.63	20.6	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.64	20.61	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.89	20.86	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.75	20.72	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.71	19.68	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.80	20.77	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.89	20.86	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.70	20.67	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.71	19.68	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.64	20.61	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.85	20.82	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.71	20.68	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.72	19.69	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	22.65	19.62	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.77	19.74	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.68	19.65	34.77	PASS



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Band12	1.4MHz	64QAM	23017	6RB#0	21.61	18.58	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.66	19.63	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.78	19.75	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.68	19.65	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	21.61	18.58	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.73	19.7	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	22.82	19.79	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.57	19.54	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	21.64	18.61	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.60	21.57	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.39	21.36	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.57	21.54	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.65	20.62	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.65	21.62	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.63	21.6	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.61	21.58	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.64	20.61	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.65	21.62	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.67	21.64	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.56	21.53	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.70	20.67	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.81	20.78	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.87	20.84	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.89	20.86	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.70	19.67	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.94	20.91	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.85	20.82	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.81	20.78	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.68	19.65	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.84	20.81	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.81	20.78	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.79	20.76	34.77	PASS



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Band12	3MHz	16QAM	23165	15RB#0	22.73	19.7	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.78	19.75	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	22.75	19.72	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.79	19.76	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	21.44	18.41	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	22.81	19.78	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.83	19.8	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	22.79	19.76	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	21.67	18.64	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.80	19.77	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	22.81	19.78	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.70	19.67	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	21.72	18.69	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.44	21.41	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.66	21.63	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.42	21.39	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.52	20.49	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.47	21.44	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.72	21.69	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.42	21.39	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.54	20.51	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	24.42	21.39	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.73	21.7	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.40	21.37	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.60	20.57	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.75	20.72	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.77	20.74	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.69	20.66	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.56	19.53	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.73	20.7	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.91	20.88	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.62	20.59	34.77	PASS



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Band12	5MHz	16QAM	23155	1RB#0	23.59	20.56	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	24.00	20.97	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.55	20.52	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.61	19.58	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	22.67	19.64	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.89	19.86	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	22.62	19.59	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	21.54	18.51	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.73	19.7	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.89	19.86	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.64	19.61	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	21.57	18.54	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	22.62	19.59	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.90	19.87	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.63	19.6	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	21.62	18.59	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	24.49	21.46	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.68	21.65	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.49	21.46	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.59	20.56	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	24.48	21.45	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.71	21.68	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.46	21.43	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.63	20.6	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.55	21.52	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.67	21.64	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.45	21.42	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.65	20.62	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.70	20.67	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	24.00	20.97	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.75	20.72	34.77	PASS



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Band12	10MHz	16QAM	23095	1RB#0	23.65	20.62	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.86	20.83	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.65	20.62	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.64	19.61	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.81	20.78	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.91	20.88	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.61	20.58	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.69	19.66	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.70	19.67	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.95	19.92	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.67	19.64	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.60	18.57	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.70	19.67	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.83	19.8	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.64	19.61	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	21.64	18.61	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.76	19.73	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.82	19.79	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.62	19.59	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	21.69	18.66	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
Band12	10MHz	QPSK	23060	50RB#0	5.28	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.32	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.32	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.08	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.04	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.04	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.38	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.44	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.38	13	PASS



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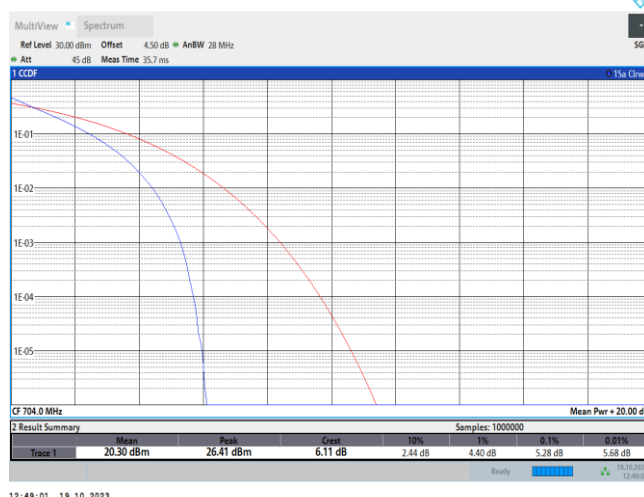
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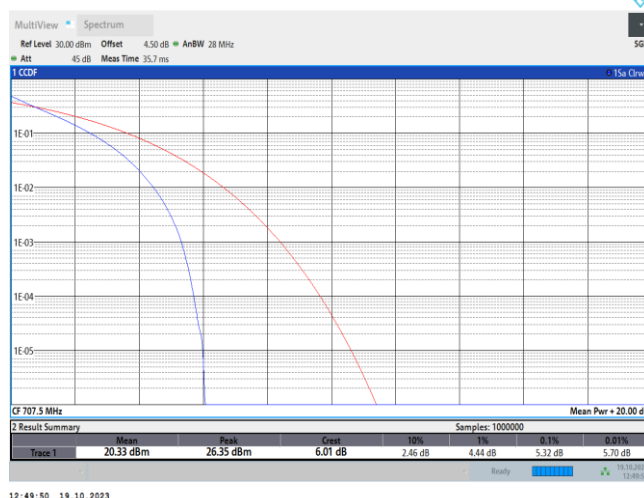
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Test Graphs

Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-50RB#0



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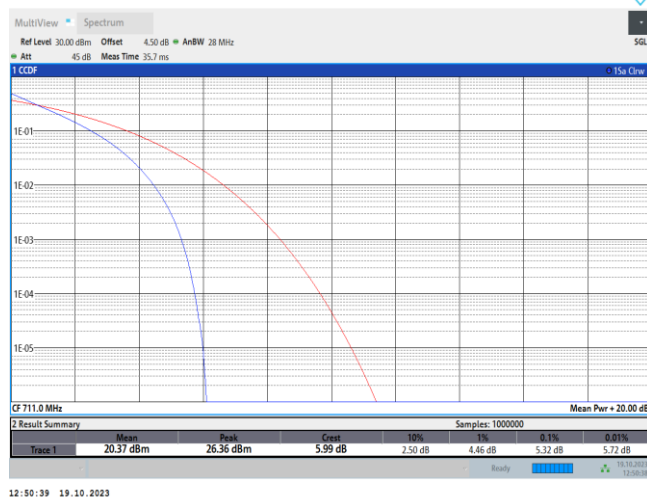
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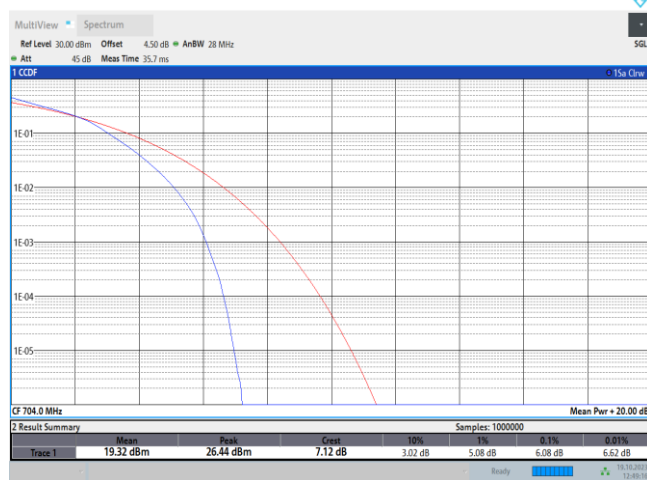
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Band12-10MHz-QPSK-23130-50RB#0



12:50:39 19.10.2023

Band12-10MHz-16QAM-23060-50RB#0



12:49:17 19.10.2023



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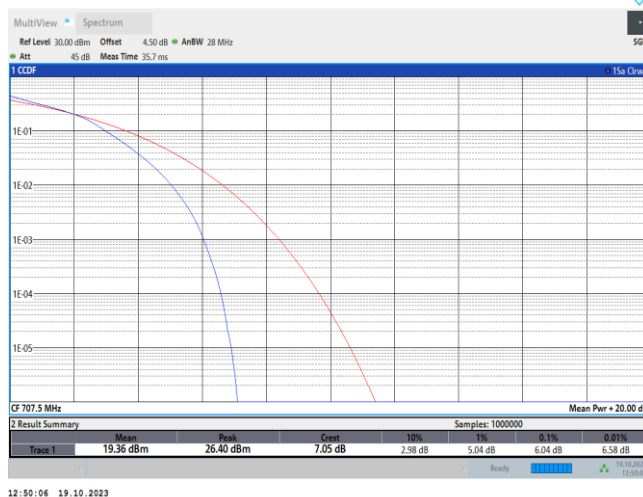
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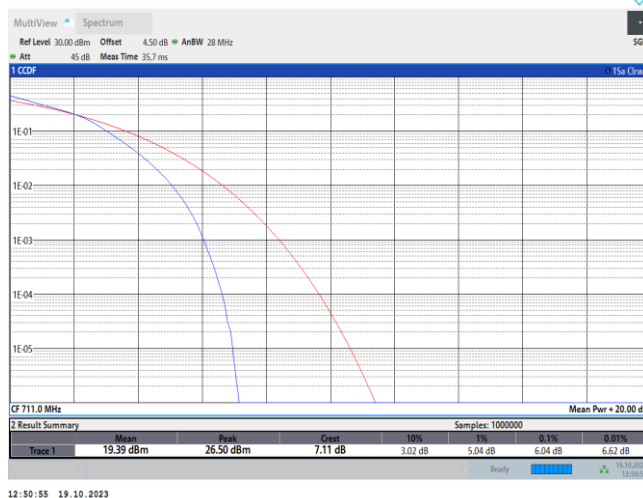
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Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



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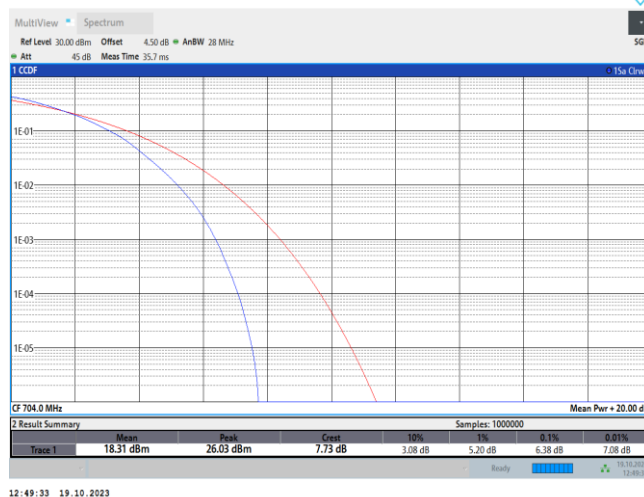
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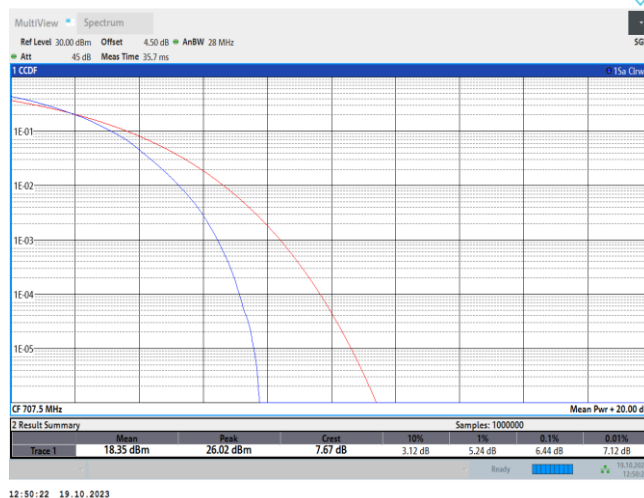
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Band12-10MHz-64QAM-23060-50RB#0



Band12-10MHz-64QAM-23095-50RB#0



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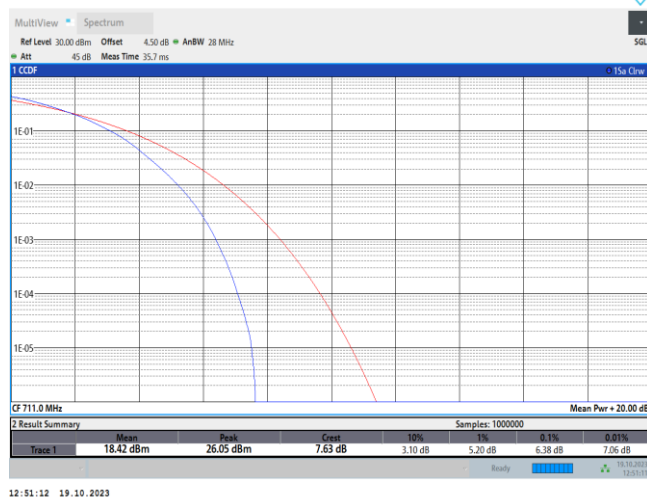
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Band12-10MHz-64QAM-23130-50RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23095	6RB#0	1.084	1.27	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.095	1.30	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.095	1.30	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.686	2.90	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.677	2.90	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.677	2.89	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.474	4.98	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.471	5.05	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.479	5.03	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.947	9.84	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.923	9.88	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.933	9.88	PASS



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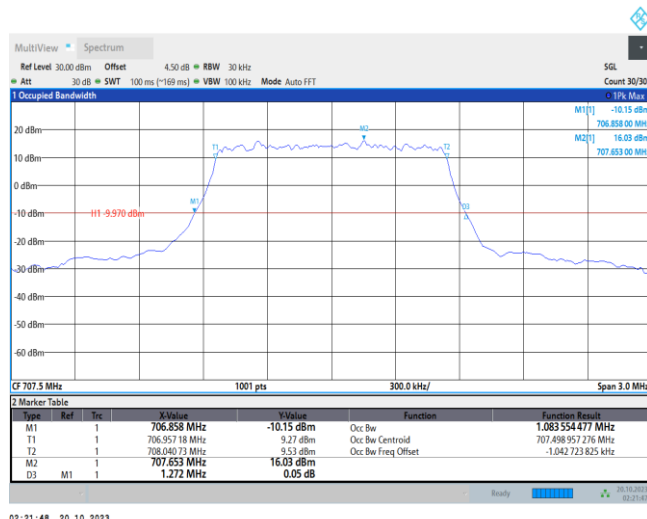
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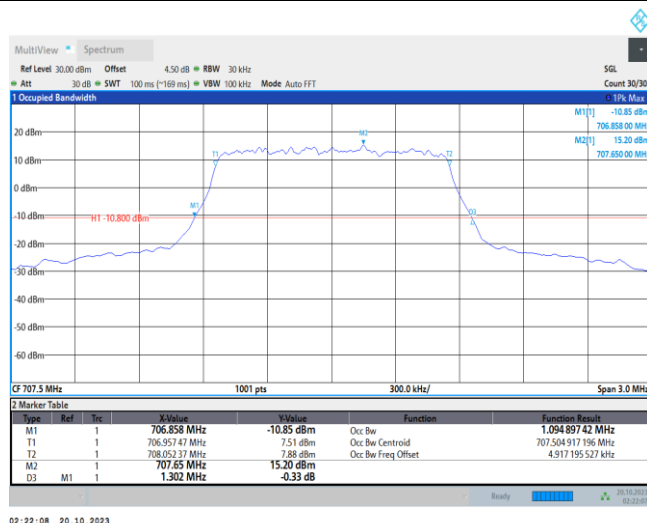
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Test Graphs

Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0



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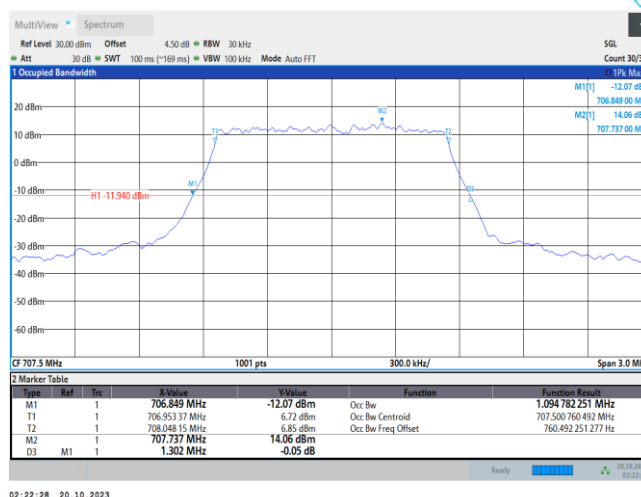
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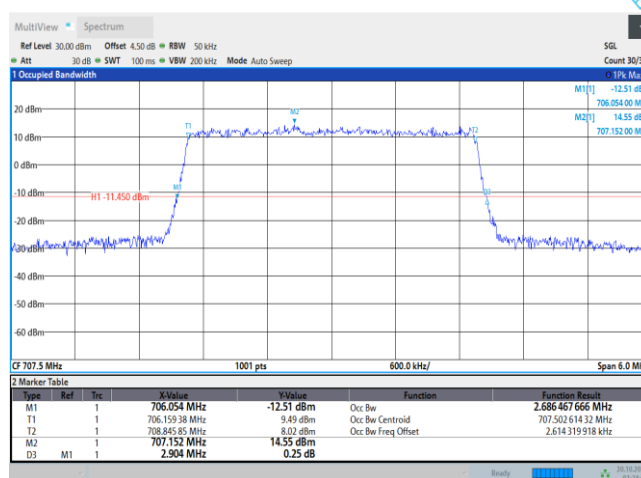
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Band12-1.4MHz-64QAM-23095-6RB#0



02:22:28 20.10.2023

Band12-3MHz-QPSK-23095-15RB#0



02:24:23 20.10.2023



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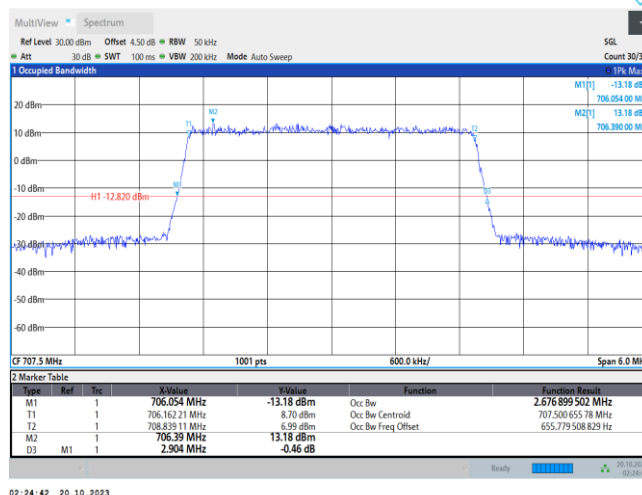
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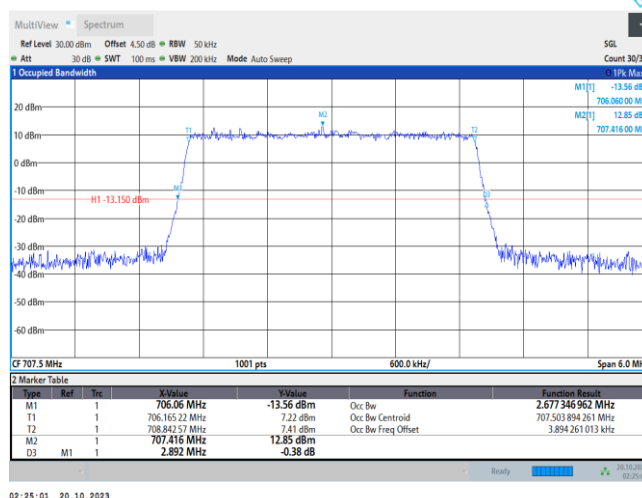
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Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-64QAM-23095-15RB#0



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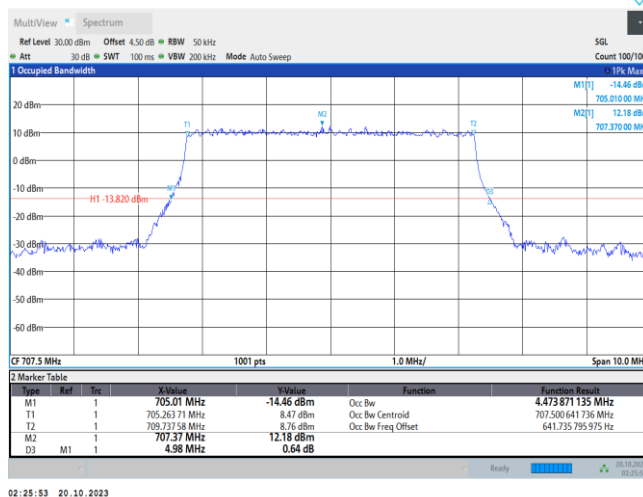
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Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-16QAM-23095-25RB#0

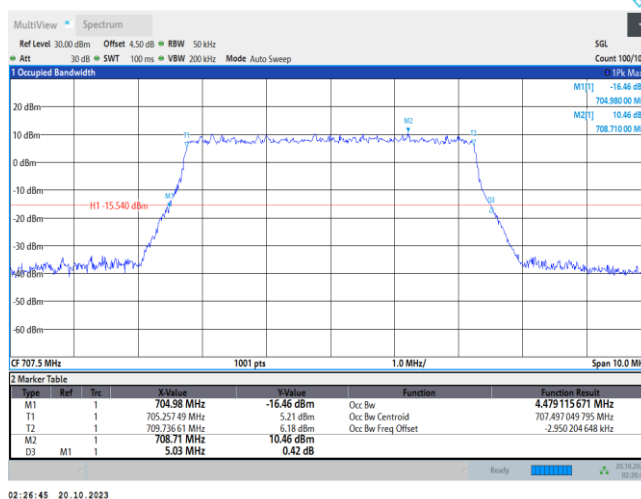


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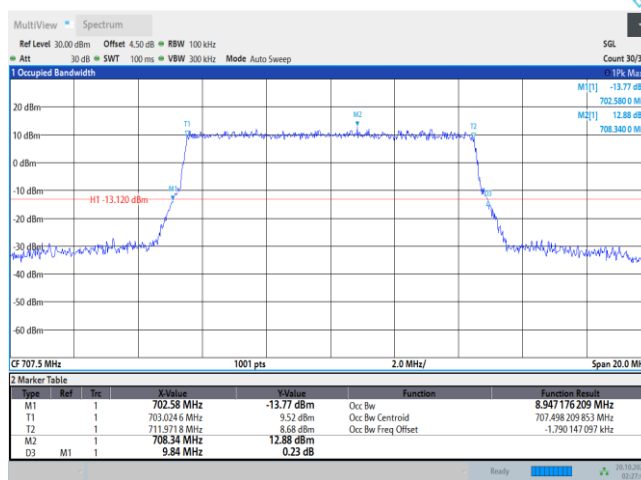
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Band12-5MHz-64QAM-23095-25RB#0



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Band12-10MHz-QPSK-23095-50RB#0



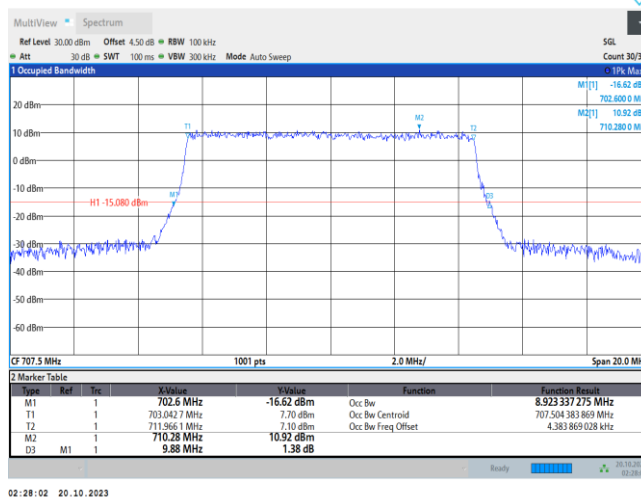
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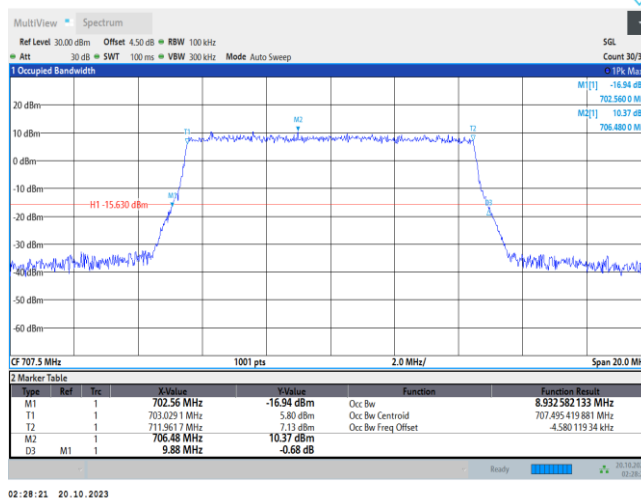
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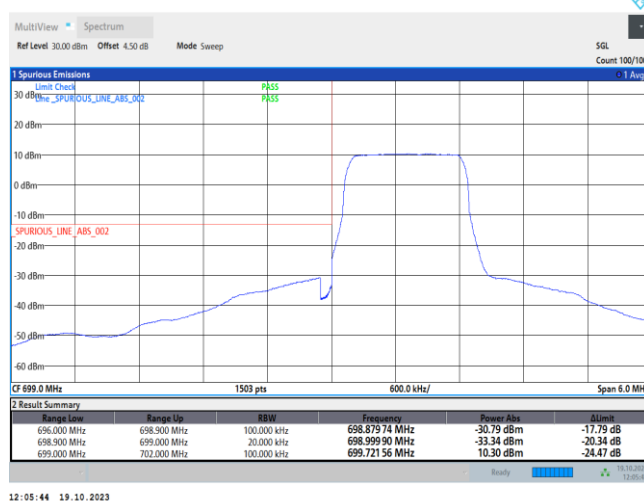
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Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-6RB#0



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Band12-1.4MHz-QPSK-23173-1RB#5



Band12-1.4MHz-QPSK-23173-6RB#0



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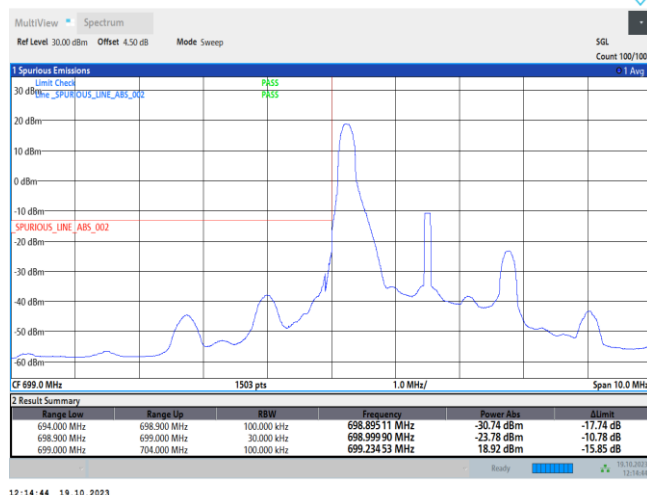
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Band12-3MHz-QPSK-23025-1RB#0



Band12-3MHz-QPSK-23025-15RB#0



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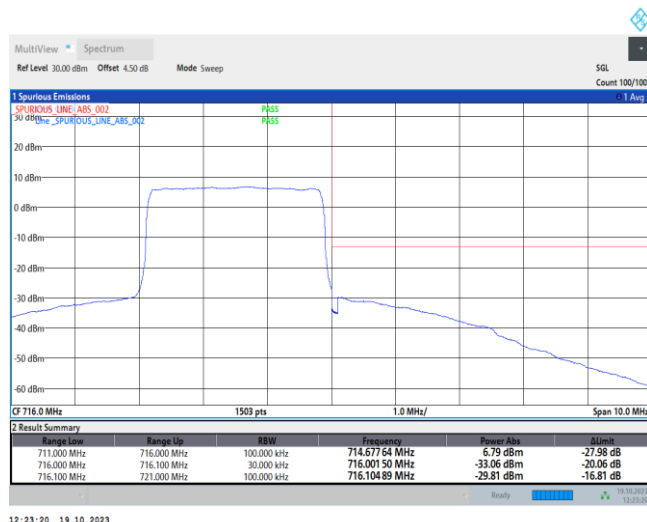
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Band12-3MHz-QPSK-23165-1RB#14



Band12-3MHz-QPSK-23165-15RB#0



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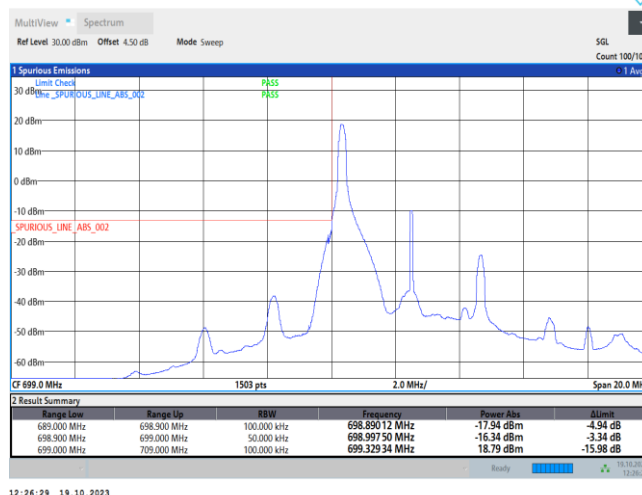
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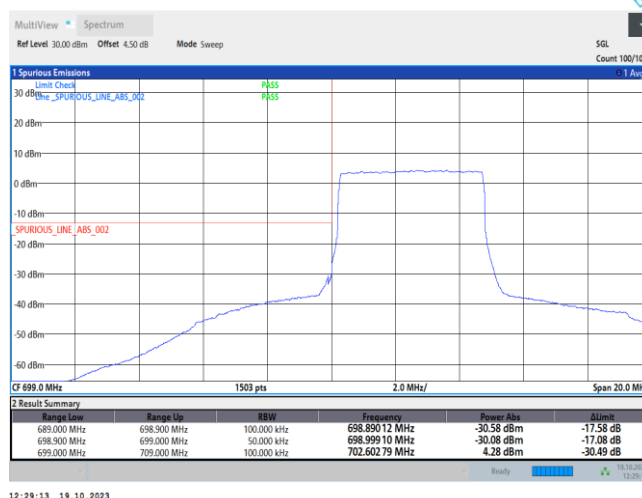
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Band12-5MHz-QPSK-23035-1RB#0



Band12-5MHz-QPSK-23035-25RB#0



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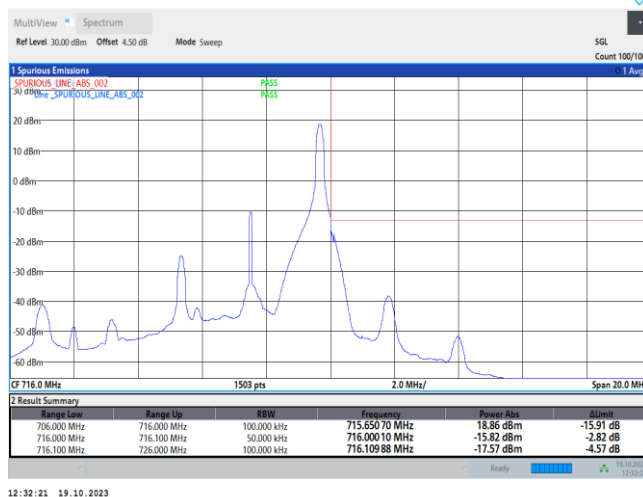
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Band12-5MHz-QPSK-23155-1RB#24



Band12-5MHz-QPSK-23155-25RB#0



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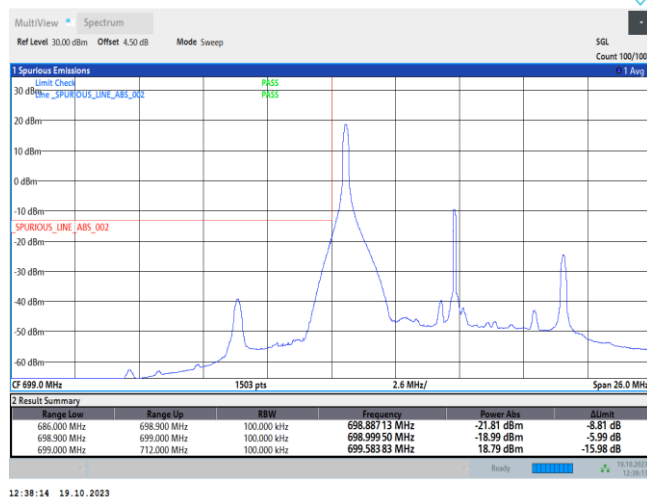
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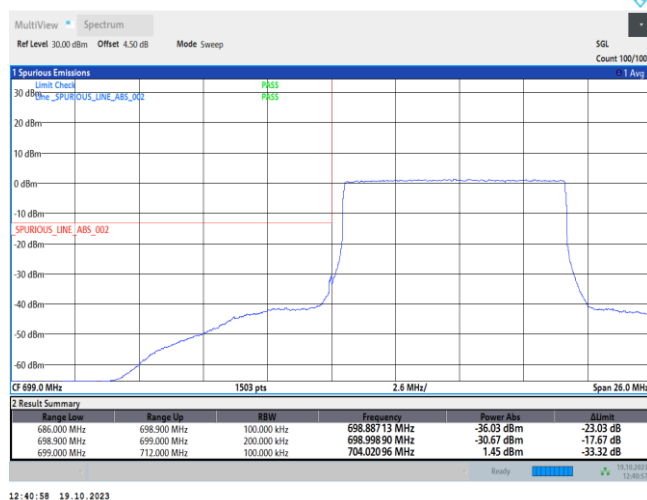
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Band12-10MHz-QPSK-23060-1RB#0



Band12-10MHz-QPSK-23060-50RB#0



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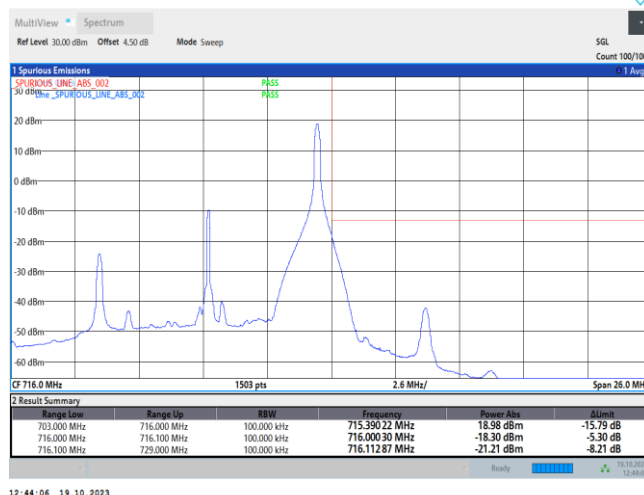
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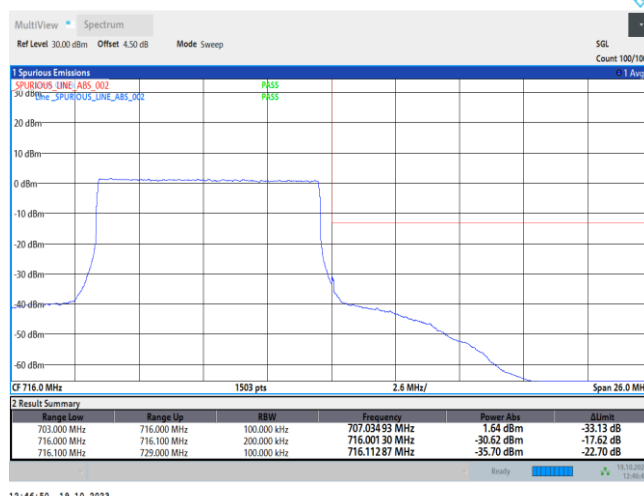
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Band12-10MHz-QPSK-23130-1RB#49



12:44:06 19.10.2023

Band12-10MHz-QPSK-23130-50RB#0



12:46:50 19.10.2023



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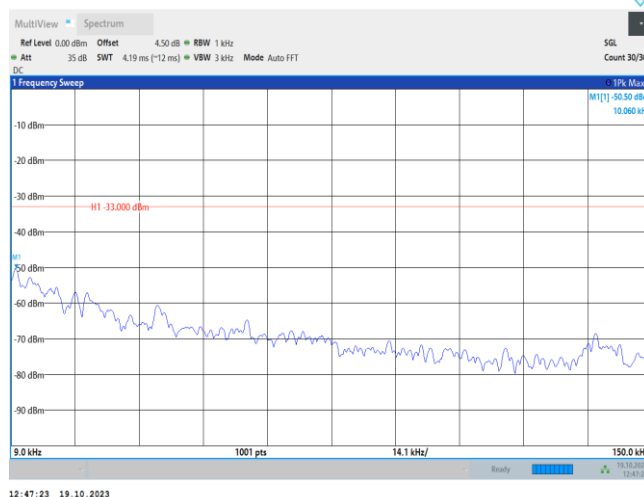
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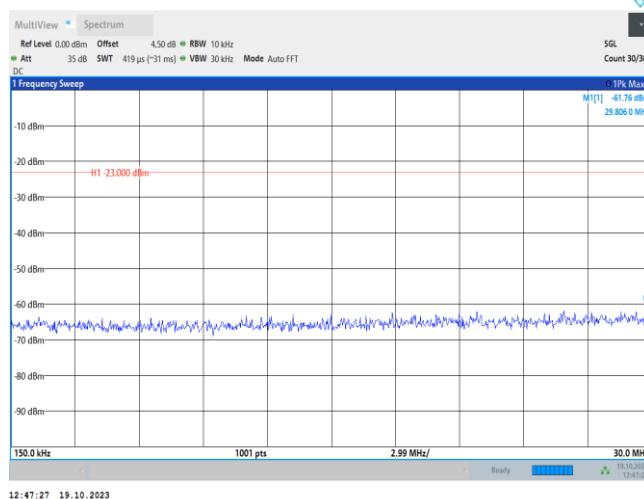
Conducted Spurious Emission

Test Graphs

Band12-10MHz-QPSK-23060-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-QPSK-23060-1RB#0-Range2:0.15~30MHz



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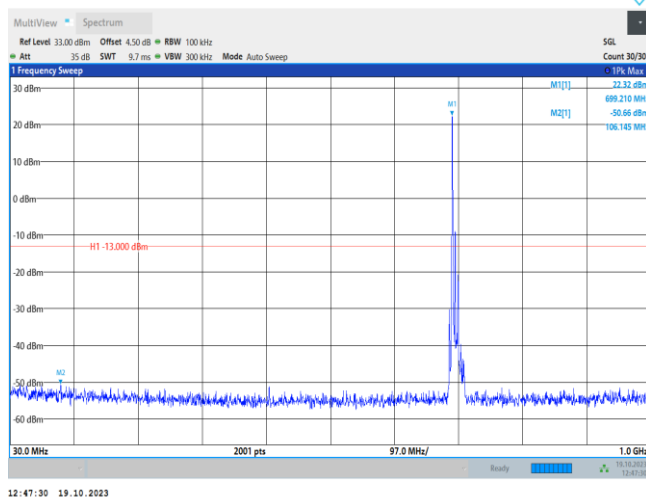
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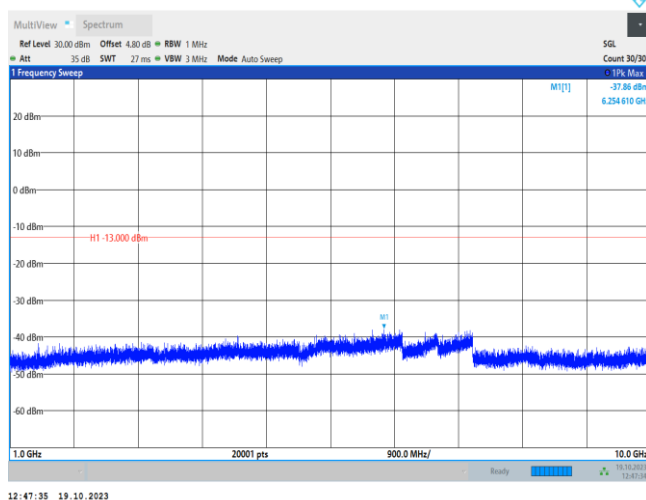
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Band12-10MHz-QPSK-23060-1RB#0-Range3:30~1000MHz



Band12-10MHz-QPSK-23060-1RB#0-Range4:1000~10000MHz



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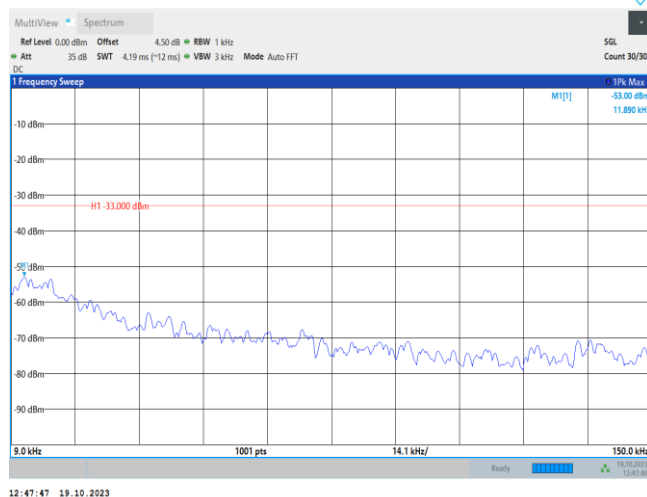
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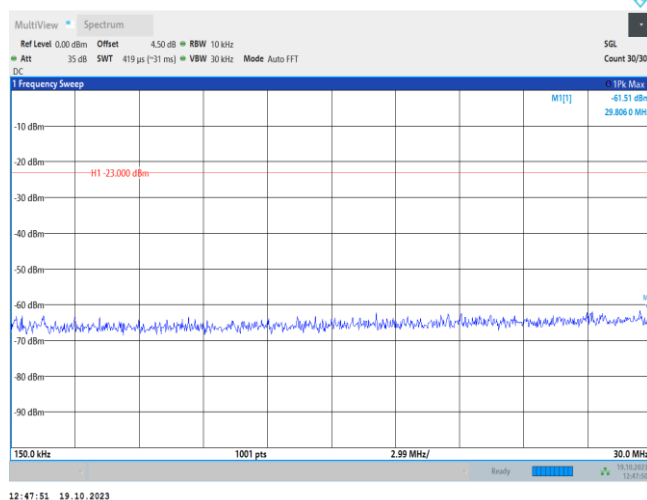
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Band12-10MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



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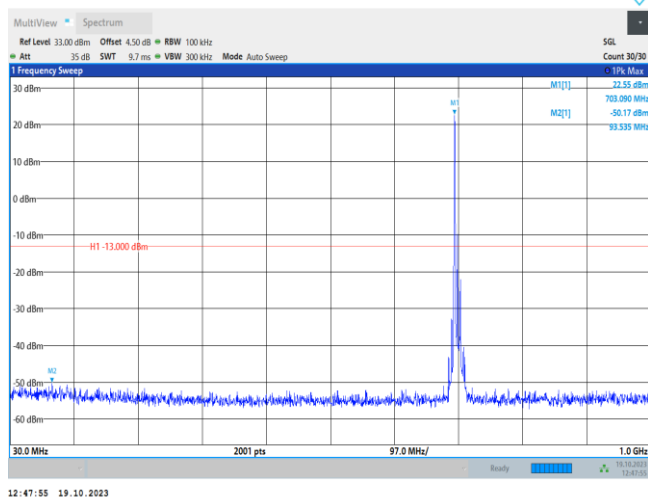
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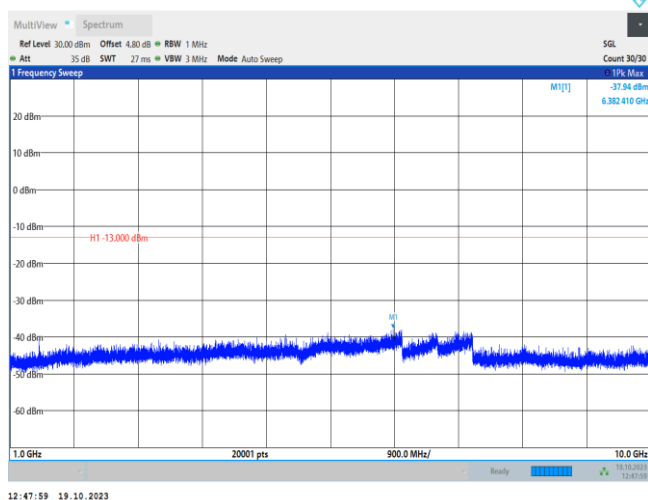
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Band12-10MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



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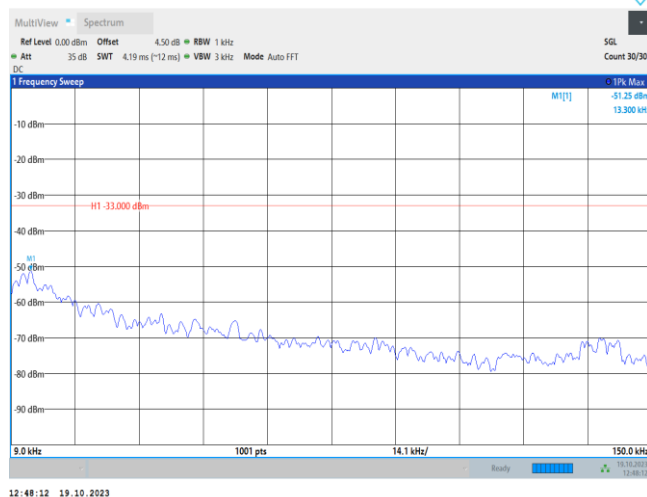
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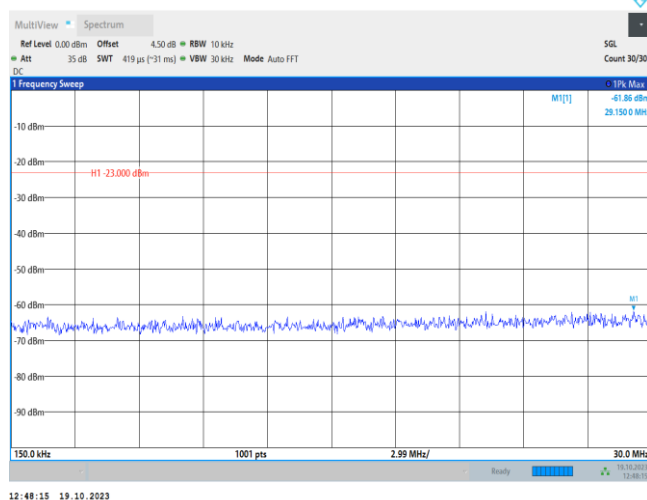
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Band12-10MHz-QPSK-23130-1RB#0-Range1:0.009~0.15MHz



Band12-10MHz-QPSK-23130-1RB#0-Range2:0.15~30MHz



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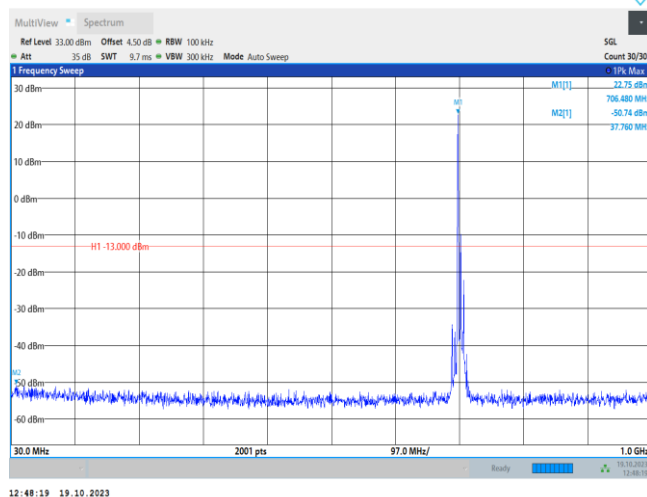
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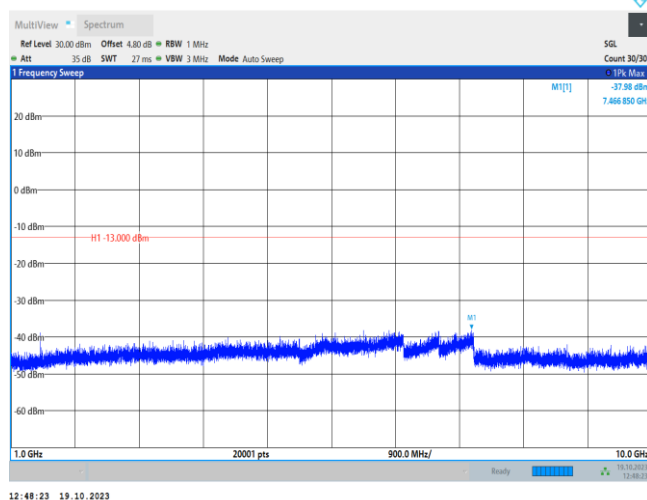
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Band12-10MHz-QPSK-23130-1RB#0-Range3:30~1000MHz



Band12-10MHz-QPSK-23130-1RB#0-Range4:1000~10000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band12_ 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	1399.1800	45.32	-48.00	25.10	-72.84	-13.00	59.84	Horizontal
2	2098.7700	43.15	-47.71	26.18	-73.65	-13.00	60.65	Horizontal
3	2798.3600	42.53	-46.92	27.90	-71.75	-13.00	58.75	Horizontal
4	3497.9500	41.95	-46.54	28.60	-71.25	-13.00	58.25	Horizontal
5	4197.5400	40.49	-45.96	29.57	-71.15	-13.00	58.15	Horizontal
6	4897.1300	41.05	-45.58	31.17	-68.62	-13.00	55.62	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399.1800	44.16	-48.00	25.10	-74.00	-13.00	61.00	Vertical
2	2098.7700	42.88	-47.71	26.18	-73.92	-13.00	60.92	Vertical
3	2798.3600	42.60	-46.92	27.90	-71.68	-13.00	58.68	Vertical
4	3497.9500	42.33	-46.54	28.60	-70.87	-13.00	57.87	Vertical
5	4197.5400	40.67	-45.96	29.57	-70.97	-13.00	57.97	Vertical
6	4897.1300	41.30	-45.58	31.17	-68.37	-13.00	55.37	Vertical



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Test Band = LTE Band12_ 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	1406.1800	43.88	-48.02	25.10	-74.30	-13.00	61.30	Horizontal
2	2109.2700	42.14	-47.71	26.21	-74.62	-13.00	61.62	Horizontal
3	2812.3600	42.30	-46.88	27.93	-71.91	-13.00	58.91	Horizontal
4	3515.4500	41.56	-46.51	28.62	-71.59	-13.00	58.59	Horizontal
5	4218.5400	40.92	-45.93	29.63	-70.64	-13.00	57.64	Horizontal
6	4921.6300	41.75	-45.63	31.23	-67.91	-13.00	54.91	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.1800	43.97	-48.02	25.10	-74.21	-13.00	61.21	Vertical
2	2109.2700	43.09	-47.71	26.21	-73.67	-13.00	60.67	Vertical
3	2812.3600	42.66	-46.88	27.93	-71.55	-13.00	58.55	Vertical
4	3515.4500	42.08	-46.51	28.62	-71.07	-13.00	58.07	Vertical
5	4218.5400	41.16	-45.93	29.63	-70.40	-13.00	57.40	Vertical
6	4921.6300	41.34	-45.63	31.23	-68.32	-13.00	55.32	Vertical



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Test Band = LTE Band12_ 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	1413.1800	44.17	-48.04	25.11	-74.03	-13.00	61.03	Horizontal
2	2119.7700	43.00	-47.70	26.24	-73.73	-13.00	60.73	Horizontal
3	2826.3600	42.66	-46.83	27.95	-71.47	-13.00	58.47	Horizontal
4	3532.9500	41.45	-46.47	28.63	-71.65	-13.00	58.65	Horizontal
5	4239.5400	40.49	-45.89	29.68	-70.98	-13.00	57.98	Horizontal
6	4946.1300	41.27	-45.69	31.28	-68.39	-13.00	55.39	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.1800	47.23	-48.04	25.11	-70.97	-13.00	57.97	Vertical
2	2119.7700	48.94	-47.70	26.24	-67.79	-13.00	54.79	Vertical
3	2826.3600	42.79	-46.83	27.95	-71.34	-13.00	58.34	Vertical
4	3532.9500	41.84	-46.47	28.63	-71.26	-13.00	58.26	Vertical
5	4239.5400	41.48	-45.89	29.68	-69.99	-13.00	56.99	Vertical
6	4946.1300	41.53	-45.69	31.28	-68.13	-13.00	55.13	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
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-8.30	-0.011731	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-6.20	-0.008763	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-10.20	-0.014417	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-6.40	-0.009046	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-2.80	-0.003958	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-6.00	-0.008481	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-6.60	-0.009329	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-4.60	-0.006502	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-7.50	-0.010601	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-5.60	-0.007915	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-4.30	-0.006078	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-8.60	-0.012155	PASS

---End of Attachment---



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