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Appendix B.6

LTE Band 12



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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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
Band12	1.4MHz	QPSK	23017	1RB#0	23.89	21.54	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.00	21.65	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.82	21.47	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.98	20.63	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.86	21.51	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.08	21.73	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.90	21.55	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.88	20.53	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.87	21.52	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.95	21.6	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.82	21.47	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.93	20.58	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.21	20.86	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.03	20.68	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.05	20.7	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.99	19.64	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.92	20.57	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.17	20.82	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.94	20.59	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.93	19.58	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.06	20.71	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.99	20.64	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.97	20.62	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.00	19.65	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.94	19.59	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.14	19.79	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.93	19.58	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.98	18.63	34.77	PASS



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Band12	1.4MHz	64QAM	23095	1RB#0	22.37	20.02	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.03	19.68	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.99	19.64	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.99	18.64	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.03	19.68	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.95	19.6	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.10	19.75	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.98	18.63	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	18.94	16.59	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	19.08	16.73	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	18.84	16.49	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	18.92	16.57	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	18.85	16.5	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	19.12	16.77	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	19.08	16.73	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	18.92	16.57	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	19.12	16.77	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	19.21	16.86	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	18.87	16.52	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	18.96	16.61	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.86	21.51	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.01	21.66	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.73	21.38	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.99	20.64	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.87	21.52	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.01	21.66	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.82	21.47	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.84	20.49	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.79	21.44	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.03	21.68	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.89	21.54	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.91	20.56	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.94	20.59	34.77	PASS



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Band12	3MHz	16QAM	23025	1RB#14	22.90	20.55	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.99	19.64	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.04	20.69	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.95	20.6	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.05	20.7	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.91	19.56	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.03	20.68	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.02	20.67	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.95	20.6	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.92	19.57	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.11	19.76	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	22.04	19.69	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.00	19.65	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	21.01	18.66	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	22.22	19.87	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.08	19.73	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.93	19.58	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.90	18.55	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.12	19.77	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	22.14	19.79	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.94	19.59	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.93	18.58	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	18.94	16.59	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	19.09	16.74	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	19.00	16.65	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	18.93	16.58	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	19.00	16.65	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	18.99	16.64	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	19.01	16.66	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	18.96	16.61	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	19.04	16.69	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	19.13	16.78	34.77	PASS



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Band12	3MHz	256QAM	23165	15RB#0	18.97	16.62	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.94	21.59	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.90	21.55	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.82	21.47	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.94	20.59	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.78	20.43	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.94	21.59	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.84	21.49	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.88	20.53	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.97	20.62	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.95	21.6	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.02	21.67	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.86	20.51	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.08	20.73	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.02	20.67	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.92	20.57	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.93	19.58	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.91	20.56	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.11	20.76	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.92	20.57	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.98	19.63	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.07	20.72	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.07	20.72	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.04	20.69	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.92	19.57	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	22.01	19.66	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.20	19.85	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.97	19.62	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.95	18.6	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.17	19.82	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.07	19.72	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.07	19.72	34.77	PASS



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Band12	5MHz	64QAM	23155	1RB#0	22.10	19.75	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.17	19.82	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.02	19.67	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.89	18.54	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	18.97	16.62	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	18.89	16.54	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	18.91	16.56	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	18.91	16.56	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	19.23	16.88	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	19.18	16.83	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	19.06	16.71	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	18.91	16.56	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	18.97	16.62	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	19.13	16.78	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	18.96	16.61	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	18.86	16.51	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.89	21.54	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.85	21.5	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.89	21.54	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.96	20.61	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.16	20.81	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.95	21.6	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.86	21.51	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.92	20.57	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.79	21.44	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.89	21.54	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.71	21.36	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.85	20.5	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.98	20.63	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.04	20.69	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.87	20.52	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.97	19.62	34.77	PASS



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t (86-512) 62992980 www.sgs.com.cn
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Band12	10MHz	16QAM	23095	1RB#0	23.21	20.86	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.02	20.67	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.90	20.55	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.94	19.59	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.17	20.82	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.09	20.74	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.12	20.77	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.85	19.5	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.99	19.64	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.13	19.78	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.16	19.81	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.05	18.7	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.17	19.82	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.05	19.7	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.23	19.88	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.93	18.58	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.99	19.64	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.09	19.74	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.97	19.62	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.85	18.5	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	18.99	16.64	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	18.98	16.63	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	19.01	16.66	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	18.96	16.61	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	19.00	16.65	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	19.10	16.75	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	19.00	16.65	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	18.88	16.53	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	19.05	16.7	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	19.04	16.69	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	18.98	16.63	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	18.97	16.62	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	4.04	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.48	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.66	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	4.86	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.14	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.00	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	5.56	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	5.82	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.50	13	PASS
Band12	10MHz	256QAM	23060	50RB#0	6.46	13	PASS
Band12	10MHz	256QAM	23095	50RB#0	6.60	13	PASS
Band12	10MHz	256QAM	23130	50RB#0	6.66	13	PASS



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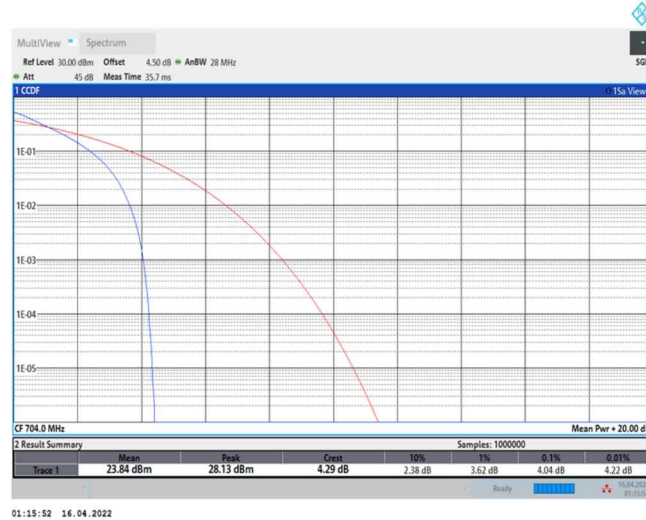
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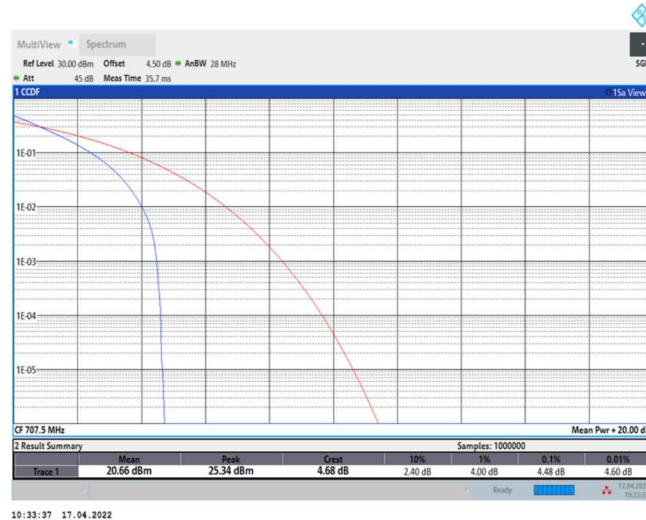
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Test Graphs

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



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



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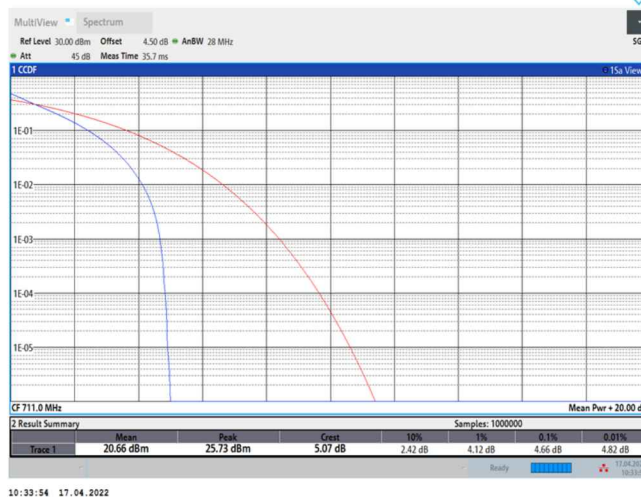
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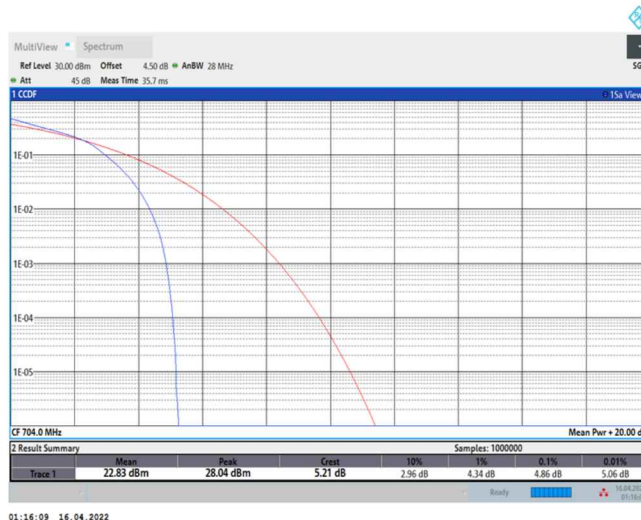
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Band12-10MHz-QPSK-23130-50RB#0



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



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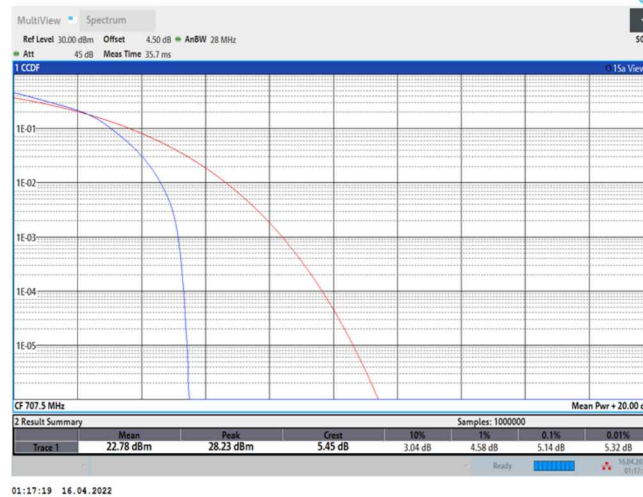
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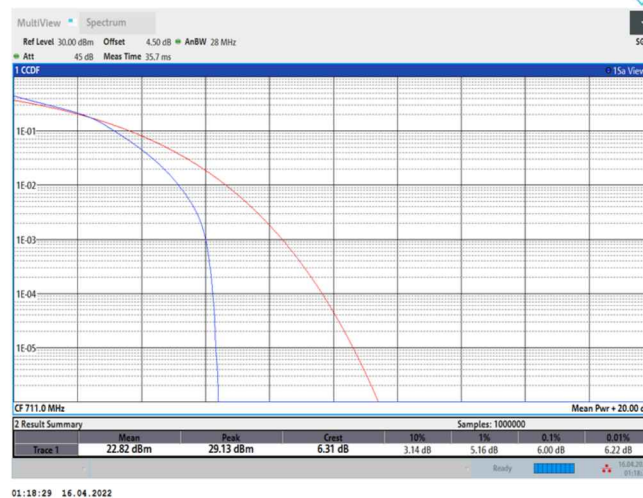
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Band12-10MHz-16QAM-23095-50RB#0



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



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