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Appendix B.16

LTE Band 42(3450-3550)



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

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band42	5MHz	QPSK	42115	1RB#0	21.23	22.23	30.00	PASS
Band42	5MHz	QPSK	42115	1RB#12	21.24	22.24	30.00	PASS
Band42	5MHz	QPSK	42115	1RB#24	21.23	22.23	30.00	PASS
Band42	5MHz	QPSK	42115	25RB#0	20.29	21.29	30.00	PASS
Band42	5MHz	QPSK	42590	1RB#0	21.03	22.03	30.00	PASS
Band42	5MHz	QPSK	42590	1RB#12	21.08	22.08	30.00	PASS
Band42	5MHz	QPSK	42590	1RB#24	21.07	22.07	30.00	PASS
Band42	5MHz	QPSK	42590	25RB#0	20.11	21.11	30.00	PASS
Band42	5MHz	QPSK	43065	1RB#0	21.12	22.12	30.00	PASS
Band42	5MHz	QPSK	43065	1RB#12	21.29	22.29	30.00	PASS
Band42	5MHz	QPSK	43065	1RB#24	21.16	22.16	30.00	PASS
Band42	5MHz	QPSK	43065	25RB#0	20.17	21.17	30.00	PASS
Band42	5MHz	16QAM	42115	1RB#0	20.34	21.34	30.00	PASS
Band42	5MHz	16QAM	42115	1RB#12	20.25	21.25	30.00	PASS
Band42	5MHz	16QAM	42115	1RB#24	20.1	21.1	30.00	PASS
Band42	5MHz	16QAM	42115	25RB#0	19.27	20.27	30.00	PASS
Band42	5MHz	16QAM	42590	1RB#0	20.04	21.04	30.00	PASS
Band42	5MHz	16QAM	42590	1RB#12	20.06	21.06	30.00	PASS
Band42	5MHz	16QAM	42590	1RB#24	20.03	21.03	30.00	PASS
Band42	5MHz	16QAM	42590	25RB#0	19.1	20.1	30.00	PASS
Band42	5MHz	16QAM	43065	1RB#0	20.12	21.12	30.00	PASS
Band42	5MHz	16QAM	43065	1RB#12	20.18	21.18	30.00	PASS
Band42	5MHz	16QAM	43065	1RB#24	20.12	21.12	30.00	PASS
Band42	5MHz	16QAM	43065	25RB#0	19.16	20.16	30.00	PASS
Band42	5MHz	64QAM	42115	1RB#0	20.17	21.17	30.00	PASS
Band42	5MHz	64QAM	42115	1RB#12	19.31	20.31	30.00	PASS
Band42	5MHz	64QAM	42115	1RB#24	19.22	20.22	30.00	PASS
Band42	5MHz	64QAM	42115	25RB#0	18.27	19.27	30.00	PASS



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Band42	5MHz	64QAM	42590	1RB#0	19.19	20.19	30.00	PASS
Band42	5MHz	64QAM	42590	1RB#12	19.14	20.14	30.00	PASS
Band42	5MHz	64QAM	42590	1RB#24	19.19	20.19	30.00	PASS
Band42	5MHz	64QAM	42590	25RB#0	18.16	19.16	30.00	PASS
Band42	5MHz	64QAM	43065	1RB#0	19.27	20.27	30.00	PASS
Band42	5MHz	64QAM	43065	1RB#12	19.22	20.22	30.00	PASS
Band42	5MHz	64QAM	43065	1RB#24	19.2	20.2	30.00	PASS
Band42	5MHz	64QAM	43065	25RB#0	18.15	19.15	30.00	PASS
Band42	5MHz	256QAM	42115	1RB#0	16.12	17.12	30.00	PASS
Band42	5MHz	256QAM	42115	1RB#12	16.24	17.24	30.00	PASS
Band42	5MHz	256QAM	42115	1RB#24	16.13	17.13	30.00	PASS
Band42	5MHz	256QAM	42115	25RB#0	16.3	17.3	30.00	PASS
Band42	5MHz	256QAM	42590	1RB#0	16.02	17.02	30.00	PASS
Band42	5MHz	256QAM	42590	1RB#12	16.07	17.07	30.00	PASS
Band42	5MHz	256QAM	42590	1RB#24	16.01	17.01	30.00	PASS
Band42	5MHz	256QAM	42590	25RB#0	16.12	17.12	30.00	PASS
Band42	5MHz	256QAM	43065	1RB#0	16.1	17.1	30.00	PASS
Band42	5MHz	256QAM	43065	1RB#12	16.12	17.12	30.00	PASS
Band42	5MHz	256QAM	43065	1RB#24	16.08	17.08	30.00	PASS
Band42	5MHz	256QAM	43065	25RB#0	16.16	17.16	30.00	PASS
Band42	10MHz	QPSK	42140	1RB#0	21.2	22.2	30.00	PASS
Band42	10MHz	QPSK	42140	1RB#24	21.27	22.27	30.00	PASS
Band42	10MHz	QPSK	42140	1RB#49	21.2	22.2	30.00	PASS
Band42	10MHz	QPSK	42140	50RB#0	20.27	21.27	30.00	PASS
Band42	10MHz	QPSK	42590	1RB#0	21.05	22.05	30.00	PASS
Band42	10MHz	QPSK	42590	1RB#24	21.12	22.12	30.00	PASS
Band42	10MHz	QPSK	42590	1RB#49	21.05	22.05	30.00	PASS
Band42	10MHz	QPSK	42590	50RB#0	20.16	21.16	30.00	PASS
Band42	10MHz	QPSK	43040	1RB#0	21.16	22.16	30.00	PASS
Band42	10MHz	QPSK	43040	1RB#24	21.21	22.21	30.00	PASS
Band42	10MHz	QPSK	43040	1RB#49	21.15	22.15	30.00	PASS
Band42	10MHz	QPSK	43040	50RB#0	20.18	21.18	30.00	PASS
Band42	10MHz	16QAM	42140	1RB#0	20.19	21.19	30.00	PASS



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Band42	10MHz	16QAM	42140	1RB#49	20.15	21.15	30.00	PASS
Band42	10MHz	16QAM	42140	50RB#0	19.29	20.29	30.00	PASS
Band42	10MHz	16QAM	42590	1RB#0	20.03	21.03	30.00	PASS
Band42	10MHz	16QAM	42590	1RB#24	20.01	21.01	30.00	PASS
Band42	10MHz	16QAM	42590	1RB#49	20.04	21.04	30.00	PASS
Band42	10MHz	16QAM	42590	50RB#0	19.12	20.12	30.00	PASS
Band42	10MHz	16QAM	43040	1RB#0	20.12	21.12	30.00	PASS
Band42	10MHz	16QAM	43040	1RB#24	20.19	21.19	30.00	PASS
Band42	10MHz	16QAM	43040	1RB#49	20.08	21.08	30.00	PASS
Band42	10MHz	16QAM	43040	50RB#0	19.17	20.17	30.00	PASS
Band42	10MHz	64QAM	42140	1RB#0	19.24	20.24	30.00	PASS
Band42	10MHz	64QAM	42140	1RB#24	19.37	20.37	30.00	PASS
Band42	10MHz	64QAM	42140	1RB#49	19.21	20.21	30.00	PASS
Band42	10MHz	64QAM	42140	50RB#0	18.27	19.27	30.00	PASS
Band42	10MHz	64QAM	42590	1RB#0	19.16	20.16	30.00	PASS
Band42	10MHz	64QAM	42590	1RB#24	19.19	20.19	30.00	PASS
Band42	10MHz	64QAM	42590	1RB#49	19.09	20.09	30.00	PASS
Band42	10MHz	64QAM	42590	50RB#0	18.13	19.13	30.00	PASS
Band42	10MHz	64QAM	43040	1RB#0	19.15	20.15	30.00	PASS
Band42	10MHz	64QAM	43040	1RB#24	19.27	20.27	30.00	PASS
Band42	10MHz	64QAM	43040	1RB#49	19.19	20.19	30.00	PASS
Band42	10MHz	64QAM	43040	50RB#0	18.19	19.19	30.00	PASS
Band42	10MHz	256QAM	42140	1RB#0	16.28	17.28	30.00	PASS
Band42	10MHz	256QAM	42140	1RB#24	16.26	17.26	30.00	PASS
Band42	10MHz	256QAM	42140	1RB#49	16.22	17.22	30.00	PASS
Band42	10MHz	256QAM	42140	50RB#0	16.28	17.28	30.00	PASS
Band42	10MHz	256QAM	42590	1RB#0	16.06	17.06	30.00	PASS
Band42	10MHz	256QAM	42590	1RB#24	16.13	17.13	30.00	PASS
Band42	10MHz	256QAM	42590	1RB#49	15.97	16.97	30.00	PASS
Band42	10MHz	256QAM	42590	50RB#0	16.13	17.13	30.00	PASS
Band42	10MHz	256QAM	43040	1RB#0	15.98	16.98	30.00	PASS
Band42	10MHz	256QAM	43040	1RB#24	16.25	17.25	30.00	PASS



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Band42	10MHz	256QAM	43040	1RB#49	16.13	17.13	30.00	PASS
Band42	10MHz	256QAM	43040	50RB#0	16.15	17.15	30.00	PASS
Band42	15MHz	QPSK	42165	1RB#0	20.94	21.94	30.00	PASS
Band42	15MHz	QPSK	42165	1RB#38	21.05	22.05	30.00	PASS
Band42	15MHz	QPSK	42165	1RB#74	20.98	21.98	30.00	PASS
Band42	15MHz	QPSK	42165	75RB#0	20.12	21.12	30.00	PASS
Band42	15MHz	QPSK	42590	1RB#0	20.84	21.84	30.00	PASS
Band42	15MHz	QPSK	42590	1RB#38	20.9	21.9	30.00	PASS
Band42	15MHz	QPSK	42590	1RB#74	20.89	21.89	30.00	PASS
Band42	15MHz	QPSK	42590	75RB#0	20	21	30.00	PASS
Band42	15MHz	QPSK	43015	1RB#0	20.89	21.89	30.00	PASS
Band42	15MHz	QPSK	43015	1RB#38	20.96	21.96	30.00	PASS
Band42	15MHz	QPSK	43015	1RB#74	21.03	22.03	30.00	PASS
Band42	15MHz	QPSK	43015	75RB#0	20.13	21.13	30.00	PASS
Band42	15MHz	16QAM	42165	1RB#0	20	21	30.00	PASS
Band42	15MHz	16QAM	42165	1RB#38	20.02	21.02	30.00	PASS
Band42	15MHz	16QAM	42165	1RB#74	19.88	20.88	30.00	PASS
Band42	15MHz	16QAM	42165	75RB#0	19.14	20.14	30.00	PASS
Band42	15MHz	16QAM	42590	1RB#0	19.82	20.82	30.00	PASS
Band42	15MHz	16QAM	42590	1RB#38	19.9	20.9	30.00	PASS
Band42	15MHz	16QAM	42590	1RB#74	19.67	20.67	30.00	PASS
Band42	15MHz	16QAM	42590	75RB#0	19.01	20.01	30.00	PASS
Band42	15MHz	16QAM	43015	1RB#0	19.91	20.91	30.00	PASS
Band42	15MHz	16QAM	43015	1RB#38	20	21	30.00	PASS
Band42	15MHz	16QAM	43015	1RB#74	20	21	30.00	PASS
Band42	15MHz	16QAM	43015	75RB#0	19.13	20.13	30.00	PASS
Band42	15MHz	64QAM	42165	1RB#0	19.04	20.04	30.00	PASS
Band42	15MHz	64QAM	42165	1RB#38	19.14	20.14	30.00	PASS
Band42	15MHz	64QAM	42165	1RB#74	19.06	20.06	30.00	PASS
Band42	15MHz	64QAM	42165	75RB#0	18.11	19.11	30.00	PASS
Band42	15MHz	64QAM	42590	1RB#0	18.93	19.93	30.00	PASS
Band42	15MHz	64QAM	42590	1RB#38	18.95	19.95	30.00	PASS
Band42	15MHz	64QAM	42590	1RB#74	18.86	19.86	30.00	PASS



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Band42	15MHz	64QAM	43015	1RB#0	19.08	20.08	30.00	PASS
Band42	15MHz	64QAM	43015	1RB#38	19.11	20.11	30.00	PASS
Band42	15MHz	64QAM	43015	1RB#74	19.04	20.04	30.00	PASS
Band42	15MHz	64QAM	43015	75RB#0	18.1	19.1	30.00	PASS
Band42	15MHz	256QAM	42165	1RB#0	16.07	17.07	30.00	PASS
Band42	15MHz	256QAM	42165	1RB#38	16.06	17.06	30.00	PASS
Band42	15MHz	256QAM	42165	1RB#74	16	17	30.00	PASS
Band42	15MHz	256QAM	42165	75RB#0	16.09	17.09	30.00	PASS
Band42	15MHz	256QAM	42590	1RB#0	15.71	16.71	30.00	PASS
Band42	15MHz	256QAM	42590	1RB#38	15.96	16.96	30.00	PASS
Band42	15MHz	256QAM	42590	1RB#74	15.92	16.92	30.00	PASS
Band42	15MHz	256QAM	42590	75RB#0	16.02	17.02	30.00	PASS
Band42	15MHz	256QAM	43015	1RB#0	15.84	16.84	30.00	PASS
Band42	15MHz	256QAM	43015	1RB#38	16.01	17.01	30.00	PASS
Band42	15MHz	256QAM	43015	1RB#74	16.12	17.12	30.00	PASS
Band42	15MHz	256QAM	43015	75RB#0	16.11	17.11	30.00	PASS
Band42	20MHz	QPSK	42190	1RB#0	20.9	21.9	30.00	PASS
Band42	20MHz	QPSK	42190	1RB#49	21.01	22.01	30.00	PASS
Band42	20MHz	QPSK	42190	1RB#99	21	22	30.00	PASS
Band42	20MHz	QPSK	42190	100RB#0	20.12	21.12	30.00	PASS
Band42	20MHz	QPSK	42590	1RB#0	20.78	21.78	30.00	PASS
Band42	20MHz	QPSK	42590	1RB#49	20.89	21.89	30.00	PASS
Band42	20MHz	QPSK	42590	1RB#99	20.89	21.89	30.00	PASS
Band42	20MHz	QPSK	42590	100RB#0	20	21	30.00	PASS
Band42	20MHz	QPSK	42990	1RB#0	20.96	21.96	30.00	PASS
Band42	20MHz	QPSK	42990	1RB#49	21.07	22.07	30.00	PASS
Band42	20MHz	QPSK	42990	1RB#99	20.93	21.93	30.00	PASS
Band42	20MHz	QPSK	42990	100RB#0	20.03	21.03	30.00	PASS
Band42	20MHz	16QAM	42190	1RB#0	19.98	20.98	30.00	PASS
Band42	20MHz	16QAM	42190	1RB#49	20.03	21.03	30.00	PASS
Band42	20MHz	16QAM	42190	1RB#99	19.91	20.91	30.00	PASS
Band42	20MHz	16QAM	42190	100RB#0	19.1	20.1	30.00	PASS



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t (86-512) 62992980 www.sgs.com.cn
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Band42	20MHz	16QAM	42590	1RB#0	19.83	20.83	30.00	PASS
Band42	20MHz	16QAM	42590	1RB#49	19.97	20.97	30.00	PASS
Band42	20MHz	16QAM	42590	1RB#99	19.74	20.74	30.00	PASS
Band42	20MHz	16QAM	42590	100RB#0	18.99	19.99	30.00	PASS
Band42	20MHz	16QAM	42990	1RB#0	19.88	20.88	30.00	PASS
Band42	20MHz	16QAM	42990	1RB#49	19.86	20.86	30.00	PASS
Band42	20MHz	16QAM	42990	1RB#99	19.89	20.89	30.00	PASS
Band42	20MHz	16QAM	42990	100RB#0	19.03	20.03	30.00	PASS
Band42	20MHz	64QAM	42190	1RB#0	19.1	20.1	30.00	PASS
Band42	20MHz	64QAM	42190	1RB#49	19.16	20.16	30.00	PASS
Band42	20MHz	64QAM	42190	1RB#99	19	20	30.00	PASS
Band42	20MHz	64QAM	42190	100RB#0	18.17	19.17	30.00	PASS
Band42	20MHz	64QAM	42590	1RB#0	18.95	19.95	30.00	PASS
Band42	20MHz	64QAM	42590	1RB#49	18.97	19.97	30.00	PASS
Band42	20MHz	64QAM	42590	1RB#99	18.88	19.88	30.00	PASS
Band42	20MHz	64QAM	42590	100RB#0	18	19	30.00	PASS
Band42	20MHz	64QAM	42990	1RB#0	18.94	19.94	30.00	PASS
Band42	20MHz	64QAM	42990	1RB#49	19.06	20.06	30.00	PASS
Band42	20MHz	64QAM	42990	1RB#99	18.98	19.98	30.00	PASS
Band42	20MHz	64QAM	42990	100RB#0	18.04	19.04	30.00	PASS
Band42	20MHz	256QAM	42190	1RB#0	15.97	16.97	30.00	PASS
Band42	20MHz	256QAM	42190	1RB#49	16	17	30.00	PASS
Band42	20MHz	256QAM	42190	1RB#99	15.96	16.96	30.00	PASS
Band42	20MHz	256QAM	42190	100RB#0	16.09	17.09	30.00	PASS
Band42	20MHz	256QAM	42590	1RB#0	15.81	16.81	30.00	PASS
Band42	20MHz	256QAM	42590	1RB#49	15.86	16.86	30.00	PASS
Band42	20MHz	256QAM	42590	1RB#99	15.9	16.9	30.00	PASS
Band42	20MHz	256QAM	42590	100RB#0	15.99	16.99	30.00	PASS
Band42	20MHz	256QAM	42990	1RB#0	16	17	30.00	PASS
Band42	20MHz	256QAM	42990	1RB#49	16.05	17.05	30.00	PASS
Band42	20MHz	256QAM	42990	1RB#99	15.98	16.98	30.00	PASS
Band42	20MHz	256QAM	42990	100RB#0	15.99	16.99	30.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band42	20MHz	QPSK	42190	100RB#0	9.00	13	PASS
Band42	20MHz	QPSK	42590	100RB#0	9.28	13	PASS
Band42	20MHz	QPSK	42990	100RB#0	10.48	13	PASS
Band42	20MHz	16QAM	42190	100RB#0	10.02	13	PASS
Band42	20MHz	16QAM	42590	100RB#0	10.34	13	PASS
Band42	20MHz	16QAM	42990	100RB#0	10.24	13	PASS
Band42	20MHz	64QAM	42190	100RB#0	10.40	13	PASS
Band42	20MHz	64QAM	42590	100RB#0	10.46	13	PASS
Band42	20MHz	64QAM	42990	100RB#0	10.42	13	PASS
Band42	20MHz	256QAM	42190	100RB#0	10.46	13	PASS
Band42	20MHz	256QAM	42590	100RB#0	10.48	13	PASS
Band42	20MHz	256QAM	42990	100RB#0	10.48	13	PASS



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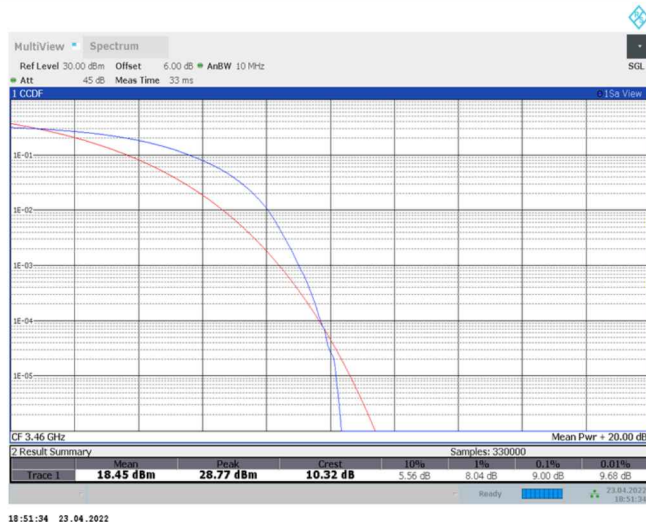
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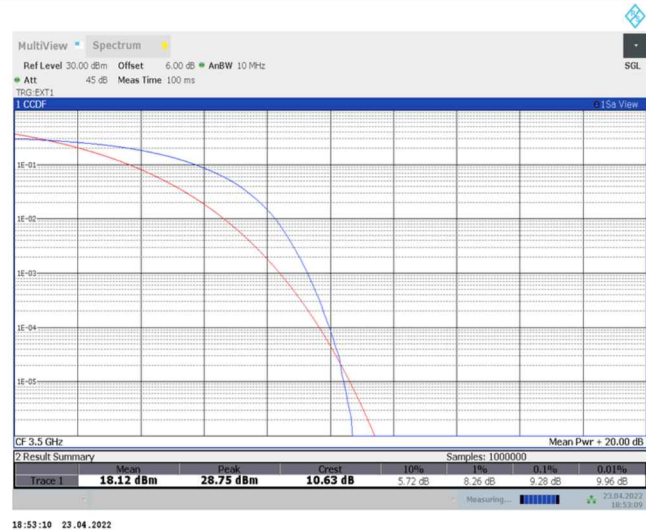
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Test Graphs

Band42-20MHz-QPSK-42190-100RB#0



Band42-20MHz-QPSK-42590-100RB#0



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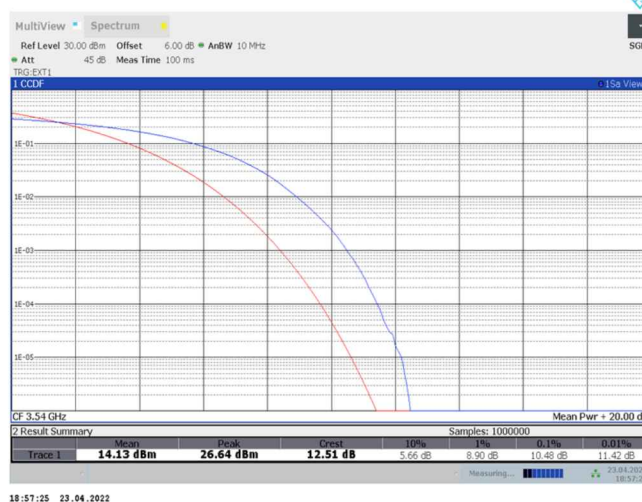
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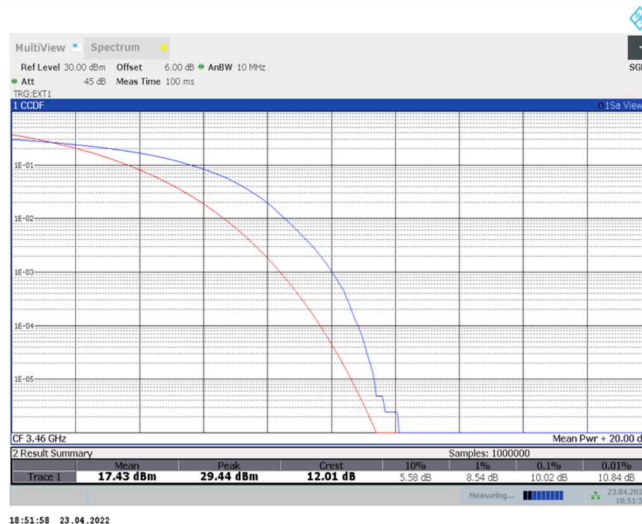
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Band42-20MHz-QPSK-42990-100RB#0



Band42-20MHz-16QAM-42190-100RB#0



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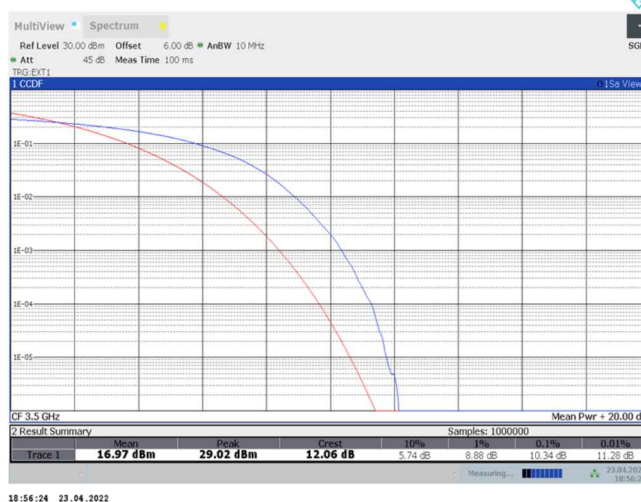
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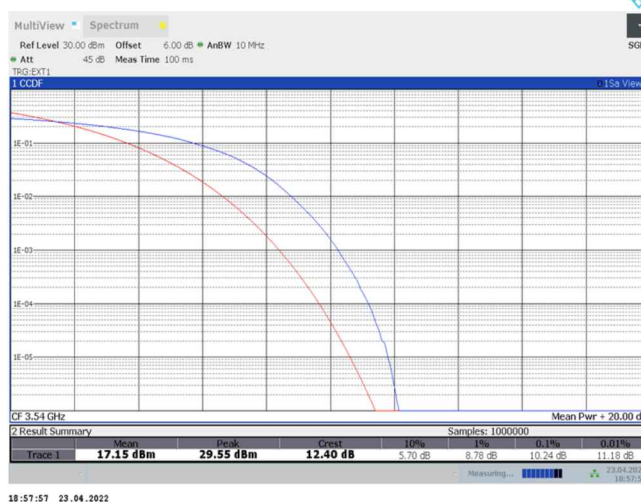
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Band42-20MHz-16QAM-42590-100RB#0



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