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Appendix B.14

LTE Band 38



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.4	26.8	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.47	26.87	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.39	26.79	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.44	25.84	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.26	26.66	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.44	26.84	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	24.25	26.65	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.37	25.77	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.15	26.55	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.28	26.68	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.15	26.55	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.23	25.63	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.55	25.95	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.49	25.89	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.28	25.68	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.43	24.83	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.26	25.66	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.3	25.7	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.23	25.63	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.36	24.76	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.23	25.63	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.16	25.56	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.03	25.43	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.21	24.61	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	23.26	25.66	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	22.62	25.02	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	22.49	24.89	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	21.41	23.81	33.00	PASS



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Band38	5MHz	64QAM	38000	1RB#0	22.4	24.8	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	22.41	24.81	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	22.29	24.69	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.35	23.75	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	22.29	24.69	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	22.25	24.65	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	22.25	24.65	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	21.2	23.6	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#0	19.22	21.62	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#12	19.39	21.79	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#24	19.29	21.69	33.00	PASS
Band38	5MHz	256QAM	37775	25RB#0	19.44	21.84	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#0	19.1	21.5	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#12	19.38	21.78	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#24	19.17	21.57	33.00	PASS
Band38	5MHz	256QAM	38000	25RB#0	19.35	21.75	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#0	19.01	21.41	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#12	19.23	21.63	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#24	19.01	21.41	33.00	PASS
Band38	5MHz	256QAM	38225	25RB#0	19.19	21.59	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.31	26.71	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.41	26.81	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.36	26.76	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	23.44	25.84	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.23	26.63	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.35	26.75	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.33	26.73	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.39	25.79	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.12	26.52	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.22	26.62	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.07	26.47	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.24	25.64	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.3	25.7	33.00	PASS



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Band38	10MHz	16QAM	37800	1RB#49	23.36	25.76	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.45	24.85	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	23.32	25.72	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.36	25.76	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.26	25.66	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.35	24.75	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.21	25.61	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.2	25.6	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	23.11	25.51	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.25	24.65	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	22.52	24.92	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	22.52	24.92	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	22.41	24.81	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	21.42	23.82	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.44	24.84	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.43	24.83	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	22.43	24.83	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.36	23.76	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	22.32	24.72	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	22.36	24.76	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	22.14	24.54	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	21.26	23.66	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#0	19.16	21.56	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#24	19.36	21.76	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#49	19.19	21.59	33.00	PASS
Band38	10MHz	256QAM	37800	50RB#0	19.43	21.83	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#0	19.08	21.48	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#24	19.36	21.76	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#49	19.21	21.61	33.00	PASS
Band38	10MHz	256QAM	38000	50RB#0	19.39	21.79	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#0	19.04	21.44	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#24	19.28	21.68	33.00	PASS



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Band38	10MHz	256QAM	38200	50RB#0	19.26	21.66	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.2	26.6	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.24	26.64	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	24.11	26.51	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.3	25.7	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.03	26.43	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.17	26.57	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.12	26.52	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.22	25.62	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.96	26.36	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.1	26.5	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.95	26.35	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.14	25.54	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.13	25.53	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.22	25.62	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.05	25.45	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.32	24.72	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.09	25.49	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.21	25.61	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.16	25.56	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.23	24.63	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.13	25.53	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.11	25.51	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.93	25.33	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.17	24.57	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	22.15	24.55	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	22.23	24.63	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	22.2	24.6	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	21.33	23.73	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	22.24	24.64	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	22.17	24.57	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	22.11	24.51	33.00	PASS



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Band38	15MHz	64QAM	38175	1RB#0	22.18	24.58	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	22.18	24.58	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	22	24.4	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	21.15	23.55	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#0	19.07	21.47	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#38	19.13	21.53	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#74	19.18	21.58	33.00	PASS
Band38	15MHz	256QAM	37825	75RB#0	19.29	21.69	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#0	19.08	21.48	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#38	19.02	21.42	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#74	19.13	21.53	33.00	PASS
Band38	15MHz	256QAM	38000	75RB#0	19.25	21.65	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#0	19.18	21.58	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#38	19.06	21.46	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#74	18.91	21.31	33.00	PASS
Band38	15MHz	256QAM	38175	75RB#0	19.18	21.58	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	24.15	26.55	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.21	26.61	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	24.09	26.49	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.31	25.71	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.86	26.26	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.18	26.58	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	24.1	26.5	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.22	25.62	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.92	26.32	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.14	26.54	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	24.05	26.45	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.18	25.58	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.1	25.5	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.28	25.68	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	23.08	25.48	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.3	24.7	33.00	PASS



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Band38	20MHz	16QAM	38000	1RB#0	23.08	25.48	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.3	25.7	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.09	25.49	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.23	24.63	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.13	25.53	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.08	25.48	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	23.03	25.43	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.2	24.6	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	22.24	24.64	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	22.27	24.67	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	22.22	24.62	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.3	23.7	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	22.27	24.67	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	22.33	24.73	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	22.12	24.52	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	21.2	23.6	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	22.25	24.65	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	22.18	24.58	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.98	24.38	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	21.17	23.57	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#0	19.14	21.54	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#49	19.27	21.67	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#99	19.2	21.6	33.00	PASS
Band38	20MHz	256QAM	37850	100RB#0	19.29	21.69	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#0	19.14	21.54	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#49	19.2	21.6	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#99	19.18	21.58	33.00	PASS
Band38	20MHz	256QAM	38000	100RB#0	19.24	21.64	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#0	19.1	21.5	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#49	19.27	21.67	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#99	18.99	21.39	33.00	PASS
Band38	20MHz	256QAM	38150	100RB#0	19.19	21.59	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.56	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.88	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.64	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.36	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.60	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.44	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	9.58	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	10.02	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.84	13	PASS
Band38	20MHz	256QAM	37850	100RB#0	10.20	13	PASS
Band38	20MHz	256QAM	38000	100RB#0	10.04	13	PASS
Band38	20MHz	256QAM	38150	100RB#0	9.86	13	PASS



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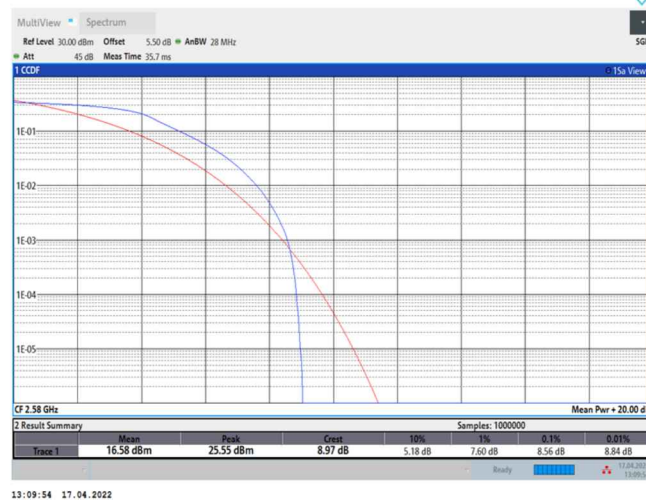
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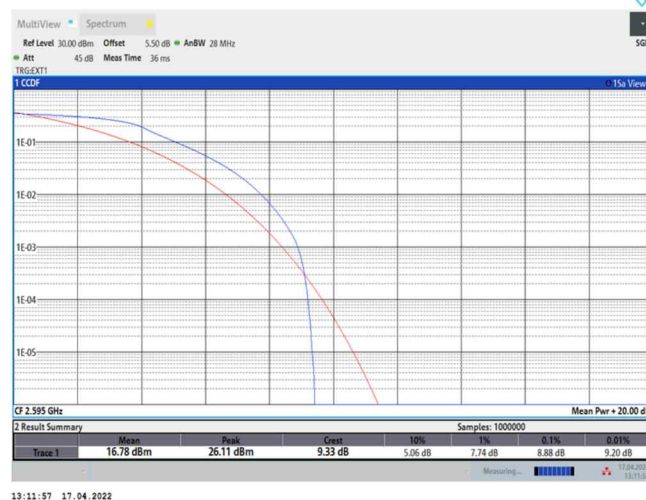
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Test Graphs

Band38-20MHz-QPSK-37850-100RB#0



Band38-20MHz-QPSK-38000-100RB#0



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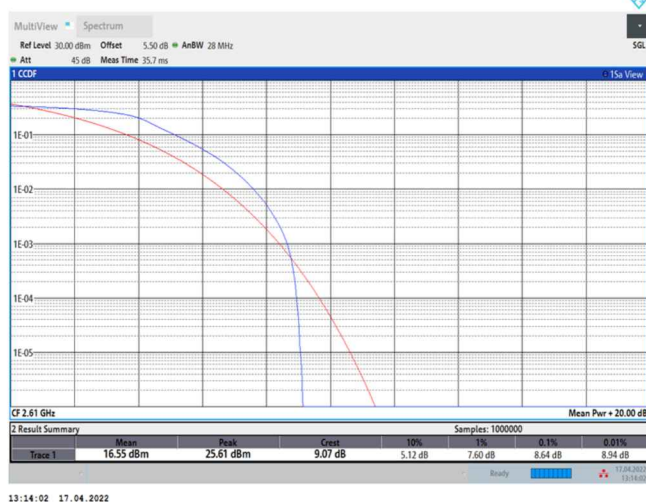
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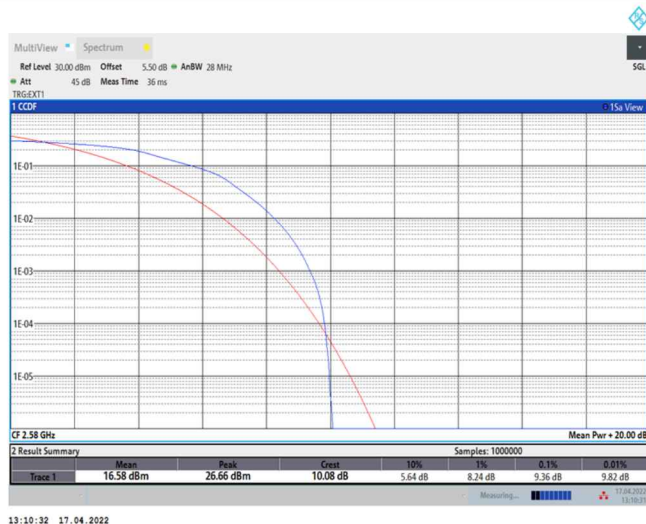
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Band38-20MHz-QPSK-38150-100RB#0



Band38-20MHz-16QAM-37850-100RB#0



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Band38-20MHz-16QAM-38150-100RB#0



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