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Appendix B.17

LTE Band 43(3700-3800)



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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
Band43	5MHz	QPSK	44615	1RB#0	20.51	21.51	30	PASS
Band43	5MHz	QPSK	44615	1RB#12	20.61	21.61	30	PASS
Band43	5MHz	QPSK	44615	1RB#24	20.83	21.83	30	PASS
Band43	5MHz	QPSK	44615	25RB#0	20.55	21.55	30	PASS
Band43	5MHz	QPSK	45090	1RB#0	20.76	21.76	30	PASS
Band43	5MHz	QPSK	45090	1RB#12	20.93	21.93	30	PASS
Band43	5MHz	QPSK	45090	1RB#24	20.88	21.88	30	PASS
Band43	5MHz	QPSK	45090	25RB#0	20.5	21.5	30	PASS
Band43	5MHz	QPSK	45565	1RB#0	21	22	30	PASS
Band43	5MHz	QPSK	45565	1RB#12	20.88	21.88	30	PASS
Band43	5MHz	QPSK	45565	1RB#24	21.04	22.04	30	PASS
Band43	5MHz	QPSK	45565	25RB#0	20.63	21.63	30	PASS
Band43	5MHz	16QAM	44615	1RB#0	20.62	21.62	30	PASS
Band43	5MHz	16QAM	44615	1RB#12	20.56	21.56	30	PASS
Band43	5MHz	16QAM	44615	1RB#24	20.64	21.64	30	PASS
Band43	5MHz	16QAM	44615	25RB#0	19.58	20.58	30	PASS
Band43	5MHz	16QAM	45090	1RB#0	20.51	21.51	30	PASS
Band43	5MHz	16QAM	45090	1RB#12	20.61	21.61	30	PASS
Band43	5MHz	16QAM	45090	1RB#24	20.57	21.57	30	PASS
Band43	5MHz	16QAM	45090	25RB#0	19.44	20.44	30	PASS
Band43	5MHz	16QAM	45565	1RB#0	20.61	21.61	30	PASS
Band43	5MHz	16QAM	45565	1RB#12	20.76	21.76	30	PASS
Band43	5MHz	16QAM	45565	1RB#24	20.63	21.63	30	PASS
Band43	5MHz	16QAM	45565	25RB#0	19.64	20.64	30	PASS
Band43	5MHz	64QAM	44615	1RB#0	19.82	20.82	30	PASS
Band43	5MHz	64QAM	44615	1RB#12	19.85	20.85	30	PASS
Band43	5MHz	64QAM	44615	1RB#24	19.83	20.83	30	PASS
Band43	5MHz	64QAM	44615	25RB#0	18.55	19.55	30	PASS



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Band43	5MHz	64QAM	45090	1RB#0	19.92	20.92	30	PASS
Band43	5MHz	64QAM	45090	1RB#12	19.95	20.95	30	PASS
Band43	5MHz	64QAM	45090	1RB#24	19.81	20.81	30	PASS
Band43	5MHz	64QAM	45090	25RB#0	18.55	19.55	30	PASS
Band43	5MHz	64QAM	45565	1RB#0	19.84	20.84	30	PASS
Band43	5MHz	64QAM	45565	1RB#12	19.81	20.81	30	PASS
Band43	5MHz	64QAM	45565	1RB#24	19.84	20.84	30	PASS
Band43	5MHz	64QAM	45565	25RB#0	18.55	19.55	30	PASS
Band43	5MHz	256QAM	44615	1RB#0	16.51	17.51	30	PASS
Band43	5MHz	256QAM	44615	1RB#12	16.72	17.72	30	PASS
Band43	5MHz	256QAM	44615	1RB#24	16.62	17.62	30	PASS
Band43	5MHz	256QAM	44615	25RB#0	16.49	17.49	30	PASS
Band43	5MHz	256QAM	45090	1RB#0	16.39	17.39	30	PASS
Band43	5MHz	256QAM	45090	1RB#12	16.67	17.67	30	PASS
Band43	5MHz	256QAM	45090	1RB#24	16.67	17.67	30	PASS
Band43	5MHz	256QAM	45090	25RB#0	16.46	17.46	30	PASS
Band43	5MHz	256QAM	45565	1RB#0	16.59	17.59	30	PASS
Band43	5MHz	256QAM	45565	1RB#12	16.74	17.74	30	PASS
Band43	5MHz	256QAM	45565	1RB#24	16.69	17.69	30	PASS
Band43	5MHz	256QAM	45565	25RB#0	16.66	17.66	30	PASS
Band43	10MHz	QPSK	44640	1RB#0	21.07	22.07	30	PASS
Band43	10MHz	QPSK	44640	1RB#24	20.82	21.82	30	PASS
Band43	10MHz	QPSK	44640	1RB#49	21.14	22.14	30	PASS
Band43	10MHz	QPSK	44640	50RB#0	20.59	21.59	30	PASS
Band43	10MHz	QPSK	45090	1RB#0	20.81	21.81	30	PASS
Band43	10MHz	QPSK	45090	1RB#24	21.2	22.2	30	PASS
Band43	10MHz	QPSK	45090	1RB#49	21.01	22.01	30	PASS
Band43	10MHz	QPSK	45090	50RB#0	20.44	21.44	30	PASS
Band43	10MHz	QPSK	45540	1RB#0	20.8	21.8	30	PASS
Band43	10MHz	QPSK	45540	1RB#24	21.08	22.08	30	PASS
Band43	10MHz	QPSK	45540	1RB#49	20.9	21.9	30	PASS
Band43	10MHz	QPSK	45540	50RB#0	20.51	21.51	30	PASS
Band43	10MHz	16QAM	44640	1RB#0	20.66	21.66	30	PASS



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Band43	10MHz	16QAM	44640	1RB#49	20.66	21.66	30	PASS
Band43	10MHz	16QAM	44640	50RB#0	19.57	20.57	30	PASS
Band43	10MHz	16QAM	45090	1RB#0	20.69	21.69	30	PASS
Band43	10MHz	16QAM	45090	1RB#24	20.66	21.66	30	PASS
Band43	10MHz	16QAM	45090	1RB#49	20.48	21.48	30	PASS
Band43	10MHz	16QAM	45090	50RB#0	19.51	20.51	30	PASS
Band43	10MHz	16QAM	45540	1RB#0	20.32	21.32	30	PASS
Band43	10MHz	16QAM	45540	1RB#24	20.71	21.71	30	PASS
Band43	10MHz	16QAM	45540	1RB#49	20.43	21.43	30	PASS
Band43	10MHz	16QAM	45540	50RB#0	19.51	20.51	30	PASS
Band43	10MHz	64QAM	44640	1RB#0	19.85	20.85	30	PASS
Band43	10MHz	64QAM	44640	1RB#24	19.89	20.89	30	PASS
Band43	10MHz	64QAM	44640	1RB#49	19.75	20.75	30	PASS
Band43	10MHz	64QAM	44640	50RB#0	18.57	19.57	30	PASS
Band43	10MHz	64QAM	45090	1RB#0	19.84	20.84	30	PASS
Band43	10MHz	64QAM	45090	1RB#24	19.93	20.93	30	PASS
Band43	10MHz	64QAM	45090	1RB#49	19.86	20.86	30	PASS
Band43	10MHz	64QAM	45090	50RB#0	18.56	19.56	30	PASS
Band43	10MHz	64QAM	45540	1RB#0	19.48	20.48	30	PASS
Band43	10MHz	64QAM	45540	1RB#24	19.96	20.96	30	PASS
Band43	10MHz	64QAM	45540	1RB#49	19.67	20.67	30	PASS
Band43	10MHz	64QAM	45540	50RB#0	18.59	19.59	30	PASS
Band43	10MHz	256QAM	44640	1RB#0	16.54	17.54	30	PASS
Band43	10MHz	256QAM	44640	1RB#24	16.64	17.64	30	PASS
Band43	10MHz	256QAM	44640	1RB#49	16.6	17.6	30	PASS
Band43	10MHz	256QAM	44640	50RB#0	16.63	17.63	30	PASS
Band43	10MHz	256QAM	45090	1RB#0	16.65	17.65	30	PASS
Band43	10MHz	256QAM	45090	1RB#24	16.67	17.67	30	PASS
Band43	10MHz	256QAM	45090	1RB#49	16.64	17.64	30	PASS
Band43	10MHz	256QAM	45090	50RB#0	16.49	17.49	30	PASS
Band43	10MHz	256QAM	45540	1RB#0	16.38	17.38	30	PASS
Band43	10MHz	256QAM	45540	1RB#24	16.72	17.72	30	PASS



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Band43	10MHz	256QAM	45540	1RB#49	16.41	17.41	30	PASS
Band43	10MHz	256QAM	45540	50RB#0	16.55	17.55	30	PASS
Band43	15MHz	QPSK	44665	1RB#0	21.09	22.09	30	PASS
Band43	15MHz	QPSK	44665	1RB#38	20.88	21.88	30	PASS
Band43	15MHz	QPSK	44665	1RB#74	20.92	21.92	30	PASS
Band43	15MHz	QPSK	44665	75RB#0	20.42	21.42	30	PASS
Band43	15MHz	QPSK	45090	1RB#0	20.84	21.84	30	PASS
Band43	15MHz	QPSK	45090	1RB#38	20.89	21.89	30	PASS
Band43	15MHz	QPSK	45090	1RB#74	20.81	21.81	30	PASS
Band43	15MHz	QPSK	45090	75RB#0	20.31	21.31	30	PASS
Band43	15MHz	QPSK	45515	1RB#0	21.12	22.12	30	PASS
Band43	15MHz	QPSK	45515	1RB#38	21.1	22.1	30	PASS
Band43	15MHz	QPSK	45515	1RB#74	20.72	21.72	30	PASS
Band43	15MHz	QPSK	45515	75RB#0	20.48	21.48	30	PASS
Band43	15MHz	16QAM	44665	1RB#0	20.34	21.34	30	PASS
Band43	15MHz	16QAM	44665	1RB#38	20.5	21.5	30	PASS
Band43	15MHz	16QAM	44665	1RB#74	20.44	21.44	30	PASS
Band43	15MHz	16QAM	44665	75RB#0	19.43	20.43	30	PASS
Band43	15MHz	16QAM	45090	1RB#0	20.4	21.4	30	PASS
Band43	15MHz	16QAM	45090	1RB#38	20.55	21.55	30	PASS
Band43	15MHz	16QAM	45090	1RB#74	20.41	21.41	30	PASS
Band43	15MHz	16QAM	45090	75RB#0	19.43	20.43	30	PASS
Band43	15MHz	16QAM	45515	1RB#0	20.1	21.1	30	PASS
Band43	15MHz	16QAM	45515	1RB#38	20.61	21.61	30	PASS
Band43	15MHz	16QAM	45515	1RB#74	20.38	21.38	30	PASS
Band43	15MHz	16QAM	45515	75RB#0	19.48	20.48	30	PASS
Band43	15MHz	64QAM	44665	1RB#0	19.56	20.56	30	PASS
Band43	15MHz	64QAM	44665	1RB#38	19.59	20.59	30	PASS
Band43	15MHz	64QAM	44665	1RB#74	19.57	20.57	30	PASS
Band43	15MHz	64QAM	44665	75RB#0	18.43	19.43	30	PASS
Band43	15MHz	64QAM	45090	1RB#0	19.75	20.75	30	PASS
Band43	15MHz	64QAM	45090	1RB#38	19.64	20.64	30	PASS
Band43	15MHz	64QAM	45090	1RB#74	19.73	20.73	30	PASS



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Band43	15MHz	64QAM	45515	1RB#0	19.41	20.41	30	PASS
Band43	15MHz	64QAM	45515	1RB#38	19.9	20.9	30	PASS
Band43	15MHz	64QAM	45515	1RB#74	19.81	20.81	30	PASS
Band43	15MHz	64QAM	45515	75RB#0	18.45	19.45	30	PASS
Band43	15MHz	256QAM	44665	1RB#0	16.35	17.35	30	PASS
Band43	15MHz	256QAM	44665	1RB#38	16.57	17.57	30	PASS
Band43	15MHz	256QAM	44665	1RB#74	16.5	17.5	30	PASS
Band43	15MHz	256QAM	44665	75RB#0	16.46	17.46	30	PASS
Band43	15MHz	256QAM	45090	1RB#0	16.53	17.53	30	PASS
Band43	15MHz	256QAM	45090	1RB#38	16.46	17.46	30	PASS
Band43	15MHz	256QAM	45090	1RB#74	16.5	17.5	30	PASS
Band43	15MHz	256QAM	45090	75RB#0	16.42	17.42	30	PASS
Band43	15MHz	256QAM	45515	1RB#0	16.21	17.21	30	PASS
Band43	15MHz	256QAM	45515	1RB#38	16.66	17.66	30	PASS
Band43	15MHz	256QAM	45515	1RB#74	16.57	17.57	30	PASS
Band43	15MHz	256QAM	45515	75RB#0	16.38	17.38	30	PASS
Band43	20MHz	QPSK	44690	1RB#0	20.52	21.52	30	PASS
Band43	20MHz	QPSK	44690	1RB#49	20.35	21.35	30	PASS
Band43	20MHz	QPSK	44690	1RB#99	20.7	21.7	30	PASS
Band43	20MHz	QPSK	44690	100RB#0	20.47	21.47	30	PASS
Band43	20MHz	QPSK	45090	1RB#0	20.53	21.53	30	PASS
Band43	20MHz	QPSK	45090	1RB#49	20.95	21.95	30	PASS
Band43	20MHz	QPSK	45090	1RB#99	20.52	21.52	30	PASS
Band43	20MHz	QPSK	45090	100RB#0	20.32	21.32	30	PASS
Band43	20MHz	QPSK	45490	1RB#0	20.85	21.85	30	PASS
Band43	20MHz	QPSK	45490	1RB#49	20.61	21.61	30	PASS
Band43	20MHz	QPSK	45490	1RB#99	20.54	21.54	30	PASS
Band43	20MHz	QPSK	45490	100RB#0	20.37	21.37	30	PASS
Band43	20MHz	16QAM	44690	1RB#0	20.33	21.33	30	PASS
Band43	20MHz	16QAM	44690	1RB#49	20.5	21.5	30	PASS
Band43	20MHz	16QAM	44690	1RB#99	20.56	21.56	30	PASS
Band43	20MHz	16QAM	44690	100RB#0	19.46	20.46	30	PASS



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Band43	20MHz	16QAM	45090	1RB#49	20.47	21.47	30	PASS
Band43	20MHz	16QAM	45090	1RB#99	20.46	21.46	30	PASS
Band43	20MHz	16QAM	45090	100RB#0	19.32	20.32	30	PASS
Band43	20MHz	16QAM	45490	1RB#0	19.95	20.95	30	PASS
Band43	20MHz	16QAM	45490	1RB#49	20.52	21.52	30	PASS
Band43	20MHz	16QAM	45490	1RB#99	20.4	21.4	30	PASS
Band43	20MHz	16QAM	45490	100RB#0	19.38	20.38	30	PASS
Band43	20MHz	64QAM	44690	1RB#0	19.55	20.55	30	PASS
Band43	20MHz	64QAM	44690	1RB#49	19.7	20.7	30	PASS
Band43	20MHz	64QAM	44690	1RB#99	19.68	20.68	30	PASS
Band43	20MHz	64QAM	44690	100RB#0	18.42	19.42	30	PASS
Band43	20MHz	64QAM	45090	1RB#0	19.69	20.69	30	PASS
Band43	20MHz	64QAM	45090	1RB#49	19.62	20.62	30	PASS
Band43	20MHz	64QAM	45090	1RB#99	19.49	20.49	30	PASS
Band43	20MHz	64QAM	45090	100RB#0	18.42	19.42	30	PASS
Band43	20MHz	64QAM	45490	1RB#0	19.09	20.09	30	PASS
Band43	20MHz	64QAM	45490	1RB#49	19.74	20.74	30	PASS
Band43	20MHz	64QAM	45490	1RB#99	19.61	20.61	30	PASS
Band43	20MHz	64QAM	45490	100RB#0	18.35	19.35	30	PASS
Band43	20MHz	256QAM	44690	1RB#0	16.43	17.43	30	PASS
Band43	20MHz	256QAM	44690	1RB#49	16.57	17.57	30	PASS
Band43	20MHz	256QAM	44690	1RB#99	16.48	17.48	30	PASS
Band43	20MHz	256QAM	44690	100RB#0	16.42	17.42	30	PASS
Band43	20MHz	256QAM	45090	1RB#0	16.56	17.56	30	PASS
Band43	20MHz	256QAM	45090	1RB#49	16.6	17.6	30	PASS
Band43	20MHz	256QAM	45090	1RB#99	16.33	17.33	30	PASS
Band43	20MHz	256QAM	45090	100RB#0	16.38	17.38	30	PASS
Band43	20MHz	256QAM	45490	1RB#0	16.04	17.04	30	PASS
Band43	20MHz	256QAM	45490	1RB#49	16.47	17.47	30	PASS
Band43	20MHz	256QAM	45490	1RB#99	16.61	17.61	30	PASS
Band43	20MHz	256QAM	45490	100RB#0	16.35	17.35	30	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band43	20MHz	QPSK	44690	100RB#0	9.02	13	PASS
Band43	20MHz	QPSK	45090	100RB#0	8.84	13	PASS
Band43	20MHz	QPSK	45490	100RB#0	8.92	13	PASS
Band43	20MHz	16QAM	44690	100RB#0	9.78	13	PASS
Band43	20MHz	16QAM	45090	100RB#0	9.56	13	PASS
Band43	20MHz	16QAM	45490	100RB#0	9.68	13	PASS
Band43	20MHz	64QAM	44690	100RB#0	10.08	13	PASS
Band43	20MHz	64QAM	45090	100RB#0	10.12	13	PASS
Band43	20MHz	64QAM	45490	100RB#0	10.12	13	PASS
Band43	20MHz	256QAM	44690	100RB#0	9.96	13	PASS
Band43	20MHz	256QAM	45090	100RB#0	10.28	13	PASS
Band43	20MHz	256QAM	45490	100RB#0	10.06	13	PASS



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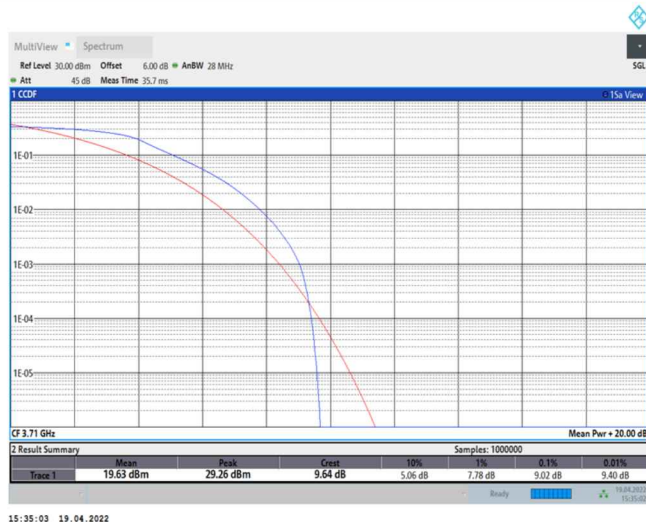
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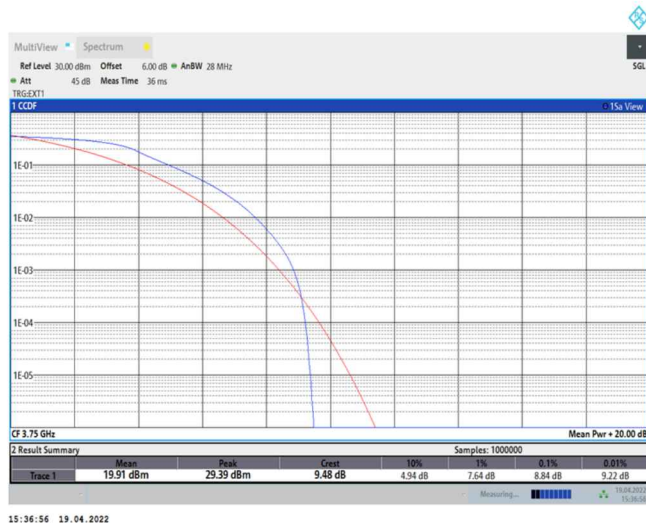
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Test Graphs

Band43-20MHz-QPSK-44690-100RB#0



Band43-20MHz-QPSK-45090-100RB#0



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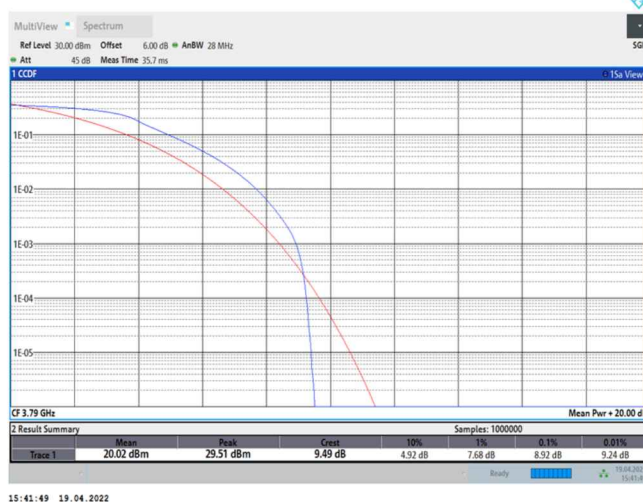
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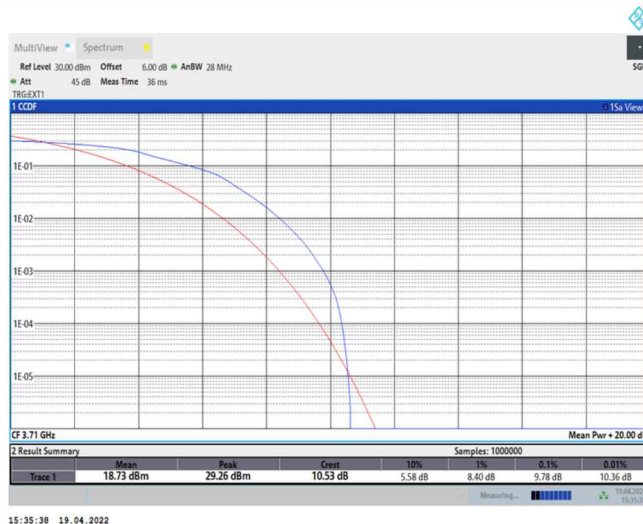
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Band43-20MHz-16QAM-44690-100RB#0



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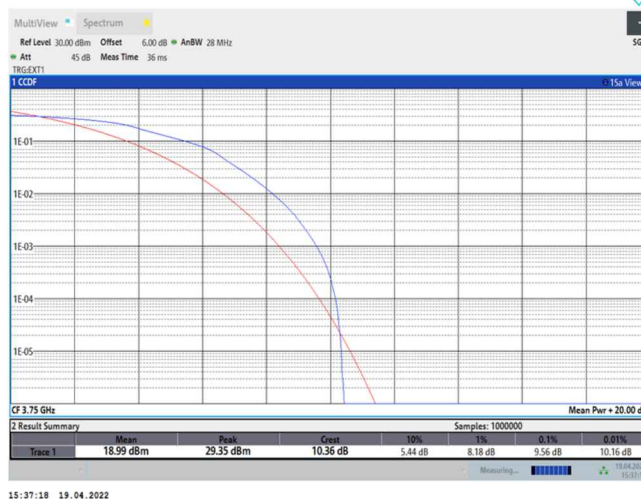
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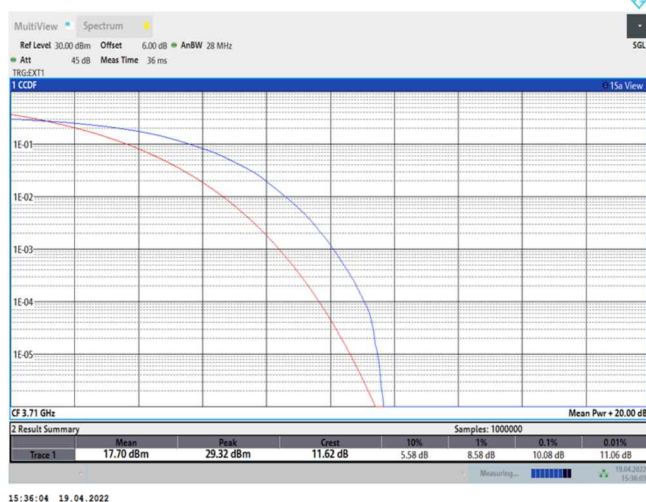
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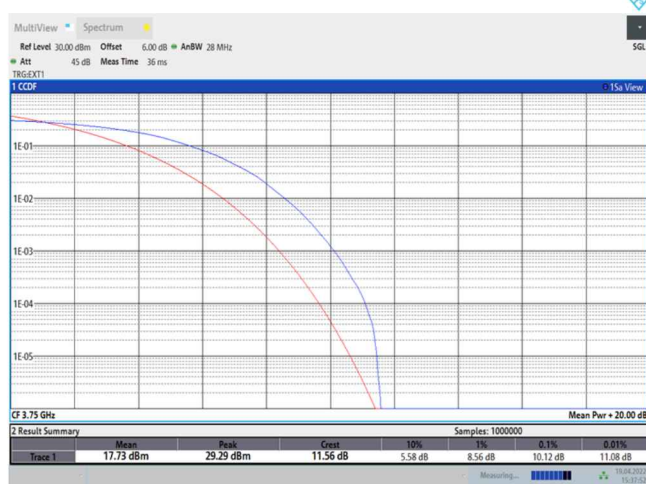
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Band43-20MHz-64QAM-44690-100RB#0



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Band43-20MHz-64QAM-45090-100RB#0



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