



















































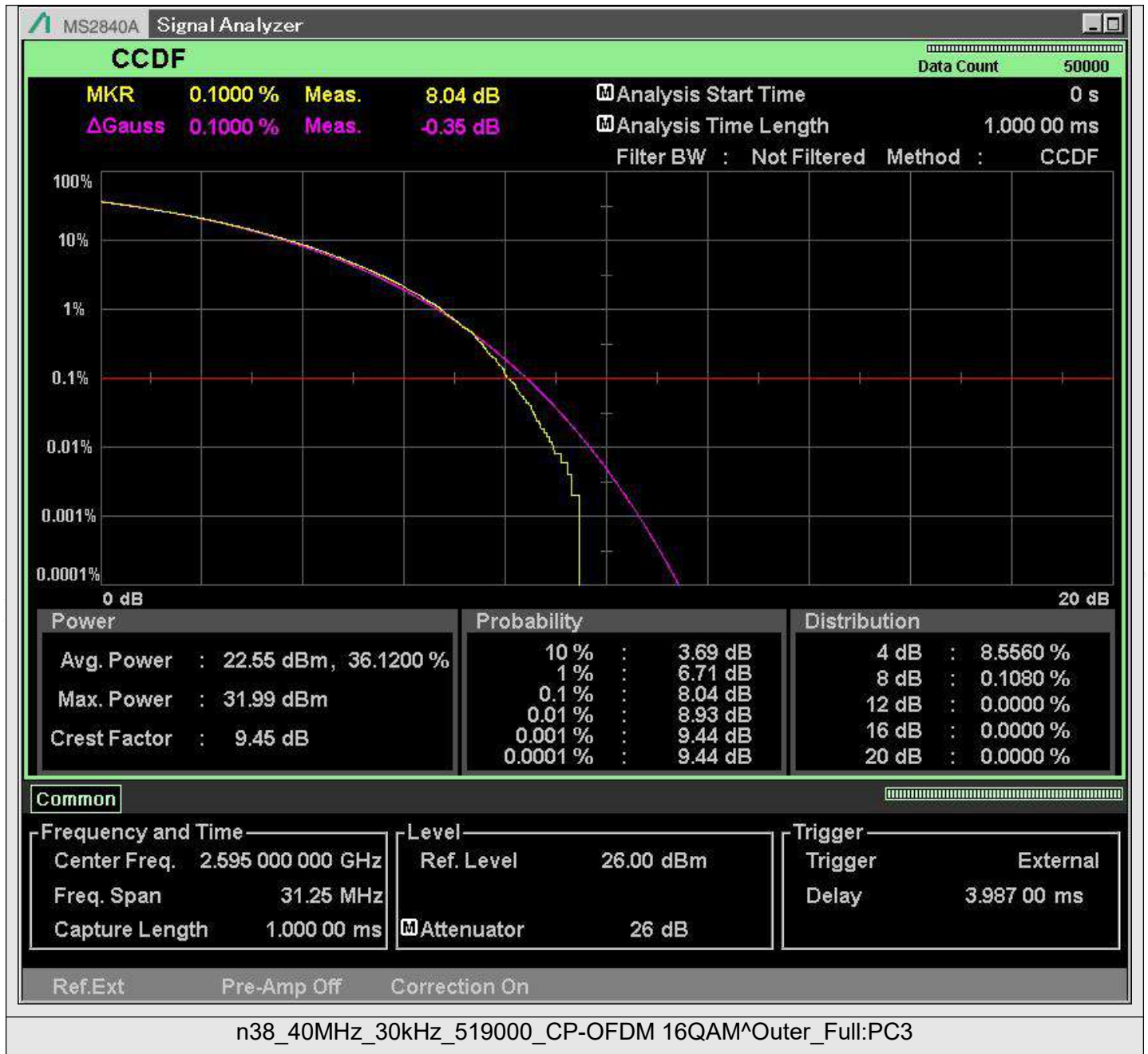






































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O.3 Occupied bandwidth

TestResult

Band	Bandwidth	SCS	Channel	TestID	TestConfig	Value	LowLimit	UpLimit	Result
n38	10MHz	30kHz	515000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	515000	2	DFT-s-OFDM QPSK^Outer_Full	8.59	0.00	10.00	PASS
n38	10MHz	30kHz	515000	3	DFT-s-OFDM 16QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	515000	4	DFT-s-OFDM 64QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	515000	5	DFT-s-OFDM 256QAM^Outer_Full	8.56	0.00	10.00	PASS
n38	10MHz	30kHz	515000	6	CP-OFDM QPSK^Outer_Full	8.56	0.00	10.00	PASS
n38	10MHz	30kHz	515000	7	CP-OFDM 16QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	515000	8	CP-OFDM 64QAM^Outer_Full	8.56	0.00	10.00	PASS
n38	10MHz	30kHz	515000	9	CP-OFDM 256QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	519000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	519000	2	DFT-s-OFDM QPSK^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	519000	3	DFT-s-OFDM 16QAM^Outer_Full	8.56	0.00	10.00	PASS
n38	10MHz	30kHz	519000	4	DFT-s-OFDM 64QAM^Outer_Full	8.56	0.00	10.00	PASS
n38	10MHz	30kHz	519000	5	DFT-s-OFDM 256QAM^Outer_Full	8.56	0.00	10.00	PASS
n38	10MHz	30kHz	519000	6	CP-OFDM QPSK^Outer_Full	8.56	0.00	10.00	PASS
n38	10MHz	30kHz	519000	7	CP-OFDM 16QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	519000	8	CP-OFDM 64QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	519000	9	CP-OFDM 256QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	523000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	523000	2	DFT-s-OFDM QPSK^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	523000	3	DFT-s-OFDM 16QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	523000	4	DFT-s-OFDM 64QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	523000	5	DFT-s-OFDM 256QAM^Outer_Full	8.56	0.00	10.00	PASS
n38	10MHz	30kHz	523000	6	CP-OFDM QPSK^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	523000	7	CP-OFDM 16QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	523000	8	CP-OFDM 64QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	10MHz	30kHz	523000	9	CP-OFDM 256QAM^Outer_Full	8.57	0.00	10.00	PASS
n38	15MHz	30kHz	519000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	13.46	0.00	15.00	PASS
n38	15MHz	30kHz	519000	2	DFT-s-OFDM QPSK^Outer_Full	13.46	0.00	15.00	PASS
n38	15MHz	30kHz	519000	3	DFT-s-OFDM 16QAM^Outer_Full	13.45	0.00	15.00	PASS
n38	15MHz	30kHz	519000	4	DFT-s-OFDM 64QAM^Outer_Full	13.46	0.00	15.00	PASS
n38	15MHz	30kHz	519000	5	DFT-s-OFDM 256QAM^Outer_Full	13.48	0.00	15.00	PASS
n38	15MHz	30kHz	519000	6	CP-OFDM QPSK^Outer_Full	13.55	0.00	15.00	PASS
n38	15MHz	30kHz	519000	7	CP-OFDM 16QAM^Outer_Full	13.55	0.00	15.00	PASS
n38	15MHz	30kHz	519000	8	CP-OFDM 64QAM^Outer_Full	13.55	0.00	15.00	PASS
n38	15MHz	30kHz	519000	9	CP-OFDM 256QAM^Outer_Full	13.55	0.00	15.00	PASS



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n38	15MHz	30kHz	522500	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	13.49	0.00	15.00	PASS
n38	15MHz	30kHz	522500	2	DFT-s-OFDM QPSK^Outer_Full	13.45	0.00	15.00	PASS
n38	15MHz	30kHz	522500	3	DFT-s-OFDM 16QAM^Outer_Full	13.45	0.00	15.00	PASS
n38	15MHz	30kHz	522500	4	DFT-s-OFDM 64QAM^Outer_Full	13.46	0.00	15.00	PASS
n38	15MHz	30kHz	522500	5	DFT-s-OFDM 256QAM^Outer_Full	13.48	0.00	15.00	PASS
n38	15MHz	30kHz	522500	6	CP-OFDM QPSK^Outer_Full	13.55	0.00	15.00	PASS
n38	15MHz	30kHz	522500	7	CP-OFDM 16QAM^Outer_Full	13.55	0.00	15.00	PASS
n38	15MHz	30kHz	522500	8	CP-OFDM 64QAM^Outer_Full	13.57	0.00	15.00	PASS
n38	15MHz	30kHz	522500	9	CP-OFDM 256QAM^Outer_Full	13.55	0.00	15.00	PASS
n38	20MHz	30kHz	516000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	17.99	0.00	20.00	PASS
n38	20MHz	30kHz	516000	2	DFT-s-OFDM QPSK^Outer_Full	18.01	0.00	20.00	PASS
n38	20MHz	30kHz	516000	3	DFT-s-OFDM 16QAM^Outer_Full	18.05	0.00	20.00	PASS
n38	20MHz	30kHz	516000	4	DFT-s-OFDM 64QAM^Outer_Full	18.02	0.00	20.00	PASS
n38	20MHz	30kHz	516000	5	DFT-s-OFDM 256QAM^Outer_Full	18.01	0.00	20.00	PASS
n38	20MHz	30kHz	516000	6	CP-OFDM QPSK^Outer_Full	18.17	0.00	20.00	PASS
n38	20MHz	30kHz	516000	7	CP-OFDM 16QAM^Outer_Full	18.17	0.00	20.00	PASS
n38	20MHz	30kHz	516000	8	CP-OFDM 64QAM^Outer_Full	18.17	0.00	20.00	PASS
n38	20MHz	30kHz	516000	9	CP-OFDM 256QAM^Outer_Full	18.17	0.00	20.00	PASS
n38	20MHz	30kHz	519000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	18.01	0.00	20.00	PASS
n38	20MHz	30kHz	519000	2	DFT-s-OFDM QPSK^Outer_Full	18.02	0.00	20.00	PASS
n38	20MHz	30kHz	519000	3	DFT-s-OFDM 16QAM^Outer_Full	18.05	0.00	20.00	PASS
n38	20MHz	30kHz	519000	4	DFT-s-OFDM 64QAM^Outer_Full	18.04	0.00	20.00	PASS
n38	20MHz	30kHz	519000	5	DFT-s-OFDM 256QAM^Outer_Full	18.02	0.00	20.00	PASS
n38	20MHz	30kHz	519000	6	CP-OFDM QPSK^Outer_Full	18.17	0.00	20.00	PASS
n38	20MHz	30kHz	519000	7	CP-OFDM 16QAM^Outer_Full	18.17	0.00	20.00	PASS
n38	20MHz	30kHz	519000	8	CP-OFDM 64QAM^Outer_Full	18.17	0.00	20.00	PASS
n38	20MHz	30kHz	519000	9	CP-OFDM 256QAM^Outer_Full	18.17	0.00	20.00	PASS
n38	20MHz	30kHz	522000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	18.01	0.00	20.00	PASS
n38	20MHz	30kHz	522000	2	DFT-s-OFDM QPSK^Outer_Full	18.02	0.00	20.00	PASS
n38	20MHz	30kHz	522000	3	DFT-s-OFDM 16QAM^Outer_Full	18.04	0.00	20.00	PASS
n38	20MHz	30kHz	522000	4	DFT-s-OFDM 64QAM^Outer_Full	18.04	0.00	20.00	PASS
n38	20MHz	30kHz	522000	5	DFT-s-OFDM 256QAM^Outer_Full	18.02	0.00	20.00	PASS
n38	20MHz	30kHz	522000	6	CP-OFDM QPSK^Outer_Full	18.19	0.00	20.00	PASS
n38	20MHz	30kHz	522000	7	CP-OFDM 16QAM^Outer_Full	18.19	0.00	20.00	PASS
n38	20MHz	30kHz	522000	8	CP-OFDM 64QAM^Outer_Full	18.17	0.00	20.00	PASS
n38	20MHz	30kHz	522000	9	CP-OFDM 256QAM^Outer_Full	18.17	0.00	20.00	PASS
n38	25MHz	30kHz	516500	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	23.06	0.00	25.00	PASS
n38	25MHz	30kHz	516500	2	DFT-s-OFDM QPSK^Outer_Full	22.99	0.00	25.00	PASS
n38	25MHz	30kHz	516500	3	DFT-s-OFDM 16QAM^Outer_Full	23.05	0.00	25.00	PASS
n38	25MHz	30kHz	516500	4	DFT-s-OFDM 64QAM^Outer_Full	23.05	0.00	25.00	PASS
n38	25MHz	30kHz	516500	5	DFT-s-OFDM 256QAM^Outer_Full	22.97	0.00	25.00	PASS
n38	25MHz	30kHz	516500	6	CP-OFDM QPSK^Outer_Full	23.18	0.00	25.00	PASS
n38	25MHz	30kHz	516500	7	CP-OFDM 16QAM^Outer_Full	23.20	0.00	25.00	PASS





n38	25MHz	30kHz	516500	8	CP-OFDM 64QAM^Outer_Full	23.18	0.00	25.00	PASS
n38	25MHz	30kHz	516500	9	CP-OFDM 256QAM^Outer_Full	23.21	0.00	25.00	PASS
n38	25MHz	30kHz	519000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	23.02	0.00	25.00	PASS
n38	25MHz	30kHz	519000	2	DFT-s-OFDM QPSK^Outer_Full	22.97	0.00	25.00	PASS
n38	25MHz	30kHz	519000	3	DFT-s-OFDM 16QAM^Outer_Full	23.03	0.00	25.00	PASS
n38	25MHz	30kHz	519000	4	DFT-s-OFDM 64QAM^Outer_Full	23.05	0.00	25.00	PASS
n38	25MHz	30kHz	519000	5	DFT-s-OFDM 256QAM^Outer_Full	22.96	0.00	25.00	PASS
n38	25MHz	30kHz	519000	6	CP-OFDM QPSK^Outer_Full	23.18	0.00	25.00	PASS
n38	25MHz	30kHz	519000	7	CP-OFDM 16QAM^Outer_Full	23.20	0.00	25.00	PASS
n38	25MHz	30kHz	519000	8	CP-OFDM 64QAM^Outer_Full	23.18	0.00	25.00	PASS
n38	25MHz	30kHz	519000	9	CP-OFDM 256QAM^Outer_Full	23.20	0.00	25.00	PASS
n38	25MHz	30kHz	521500	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	23.00	0.00	25.00	PASS
n38	25MHz	30kHz	521500	2	DFT-s-OFDM QPSK^Outer_Full	22.94	0.00	25.00	PASS
n38	25MHz	30kHz	521500	3	DFT-s-OFDM 16QAM^Outer_Full	23.02	0.00	25.00	PASS
n38	25MHz	30kHz	521500	4	DFT-s-OFDM 64QAM^Outer_Full	23.02	0.00	25.00	PASS
n38	25MHz	30kHz	521500	5	DFT-s-OFDM 256QAM^Outer_Full	22.93	0.00	25.00	PASS
n38	25MHz	30kHz	521500	6	CP-OFDM QPSK^Outer_Full	23.18	0.00	25.00	PASS
n38	25MHz	30kHz	521500	7	CP-OFDM 16QAM^Outer_Full	23.20	0.00	25.00	PASS
n38	25MHz	30kHz	521500	8	CP-OFDM 64QAM^Outer_Full	23.17	0.00	25.00	PASS
n38	25MHz	30kHz	521500	9	CP-OFDM 256QAM^Outer_Full	23.20	0.00	25.00	PASS
n38	30MHz	30kHz	517000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	27.62	0.00	30.00	PASS
n38	30MHz	30kHz	517000	2	DFT-s-OFDM QPSK^Outer_Full	27.67	0.00	30.00	PASS
n38	30MHz	30kHz	517000	3	DFT-s-OFDM 16QAM^Outer_Full	27.62	0.00	30.00	PASS
n38	30MHz	30kHz	517000	4	DFT-s-OFDM 64QAM^Outer_Full	27.67	0.00	30.00	PASS
n38	30MHz	30kHz	517000	5	DFT-s-OFDM 256QAM^Outer_Full	27.59	0.00	30.00	PASS
n38	30MHz	30kHz	517000	6	CP-OFDM QPSK^Outer_Full	27.82	0.00	30.00	PASS
n38	30MHz	30kHz	517000	7	CP-OFDM 16QAM^Outer_Full	27.83	0.00	30.00	PASS
n38	30MHz	30kHz	517000	8	CP-OFDM 64QAM^Outer_Full	27.80	0.00	30.00	PASS
n38	30MHz	30kHz	517000	9	CP-OFDM 256QAM^Outer_Full	27.83	0.00	30.00	PASS
n38	30MHz	30kHz	519000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	27.61	0.00	30.00	PASS
n38	30MHz	30kHz	519000	2	DFT-s-OFDM QPSK^Outer_Full	27.65	0.00	30.00	PASS
n38	30MHz	30kHz	519000	3	DFT-s-OFDM 16QAM^Outer_Full	27.61	0.00	30.00	PASS
n38	30MHz	30kHz	519000	4	DFT-s-OFDM 64QAM^Outer_Full	27.65	0.00	30.00	PASS
n38	30MHz	30kHz	519000	5	DFT-s-OFDM 256QAM^Outer_Full	27.58	0.00	30.00	PASS
n38	30MHz	30kHz	519000	6	CP-OFDM QPSK^Outer_Full	27.83	0.00	30.00	PASS
n38	30MHz	30kHz	519000	7	CP-OFDM 16QAM^Outer_Full	27.83	0.00	30.00	PASS
n38	30MHz	30kHz	519000	8	CP-OFDM 64QAM^Outer_Full	27.82	0.00	30.00	PASS
n38	30MHz	30kHz	519000	9	CP-OFDM 256QAM^Outer_Full	27.83	0.00	30.00	PASS
n38	30MHz	30kHz	521000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	27.59	0.00	30.00	PASS
n38	30MHz	30kHz	521000	2	DFT-s-OFDM QPSK^Outer_Full	27.62	0.00	30.00	PASS
n38	30MHz	30kHz	521000	3	DFT-s-OFDM 16QAM^Outer_Full	27.56	0.00	30.00	PASS
n38	30MHz	30kHz	521000	4	DFT-s-OFDM 64QAM^Outer_Full	27.61	0.00	30.00	PASS
n38	30MHz	30kHz	521000	5	DFT-s-OFDM 256QAM^Outer_Full	27.55	0.00	30.00	PASS



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n38	30MHz	30kHz	521000	6	CP-OFDM QPSK^Outer_Full	27.83	0.00	30.00	PASS
n38	30MHz	30kHz	521000	7	CP-OFDM 16QAM^Outer_Full	27.83	0.00	30.00	PASS
n38	30MHz	30kHz	521000	8	CP-OFDM 64QAM^Outer_Full	27.82	0.00	30.00	PASS
n38	30MHz	30kHz	521000	9	CP-OFDM 256QAM^Outer_Full	27.83	0.00	30.00	PASS
n38	40MHz	30kHz	518000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	37.51	0.00	40.00	PASS
n38	40MHz	30kHz	518000	2	DFT-s-OFDM QPSK^Outer_Full	37.51	0.00	40.00	PASS
n38	40MHz	30kHz	518000	3	DFT-s-OFDM 16QAM^Outer_Full	37.54	0.00	40.00	PASS
n38	40MHz	30kHz	518000	4	DFT-s-OFDM 64QAM^Outer_Full	37.57	0.00	40.00	PASS
n38	40MHz	30kHz	518000	5	DFT-s-OFDM 256QAM^Outer_Full	37.46	0.00	40.00	PASS
n38	40MHz	30kHz	518000	6	CP-OFDM QPSK^Outer_Full	37.81	0.00	40.00	PASS
n38	40MHz	30kHz	518000	7	CP-OFDM 16QAM^Outer_Full	37.82	0.00	40.00	PASS
n38	40MHz	30kHz	518000	8	CP-OFDM 64QAM^Outer_Full	37.82	0.00	40.00	PASS
n38	40MHz	30kHz	518000	9	CP-OFDM 256QAM^Outer_Full	37.82	0.00	40.00	PASS
n38	40MHz	30kHz	519000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	37.54	0.00	40.00	PASS
n38	40MHz	30kHz	519000	2	DFT-s-OFDM QPSK^Outer_Full	37.49	0.00	40.00	PASS
n38	40MHz	30kHz	519000	3	DFT-s-OFDM 16QAM^Outer_Full	37.54	0.00	40.00	PASS
n38	40MHz	30kHz	519000	4	DFT-s-OFDM 64QAM^Outer_Full	37.57	0.00	40.00	PASS
n38	40MHz	30kHz	519000	5	DFT-s-OFDM 256QAM^Outer_Full	37.46	0.00	40.00	PASS
n38	40MHz	30kHz	519000	6	CP-OFDM QPSK^Outer_Full	37.81	0.00	40.00	PASS
n38	40MHz	30kHz	519000	7	CP-OFDM 16QAM^Outer_Full	37.82	0.00	40.00	PASS
n38	40MHz	30kHz	519000	8	CP-OFDM 64QAM^Outer_Full	37.82	0.00	40.00	PASS
n38	40MHz	30kHz	519000	9	CP-OFDM 256QAM^Outer_Full	37.81	0.00	40.00	PASS
n38	40MHz	30kHz	520000	1	DFT-s-OFDM PI/2 BPSK^Outer_Full	37.48	0.00	40.00	PASS
n38	40MHz	30kHz	520000	2	DFT-s-OFDM QPSK^Outer_Full	37.48	0.00	40.00	PASS
n38	40MHz	30kHz	520000	3	DFT-s-OFDM 16QAM^Outer_Full	37.51	0.00	40.00	PASS
n38	40MHz	30kHz	520000	4	DFT-s-OFDM 64QAM^Outer_Full	37.54	0.00	40.00	PASS
n38	40MHz	30kHz	520000	5	DFT-s-OFDM 256QAM^Outer_Full	37.43	0.00	40.00	PASS
n38	40MHz	30kHz	520000	6	CP-OFDM QPSK^Outer_Full	37.81	0.00	40.00	PASS
n38	40MHz	30kHz	520000	7	CP-OFDM 16QAM^Outer_Full	37.82	0.00	40.00	PASS
n38	40MHz	30kHz	520000	8	CP-OFDM 64QAM^Outer_Full	37.82	0.00	40.00	PASS
n38	40MHz	30kHz	520000	9	CP-OFDM 256QAM^Outer_Full	37.82	0.00	40.00	PASS



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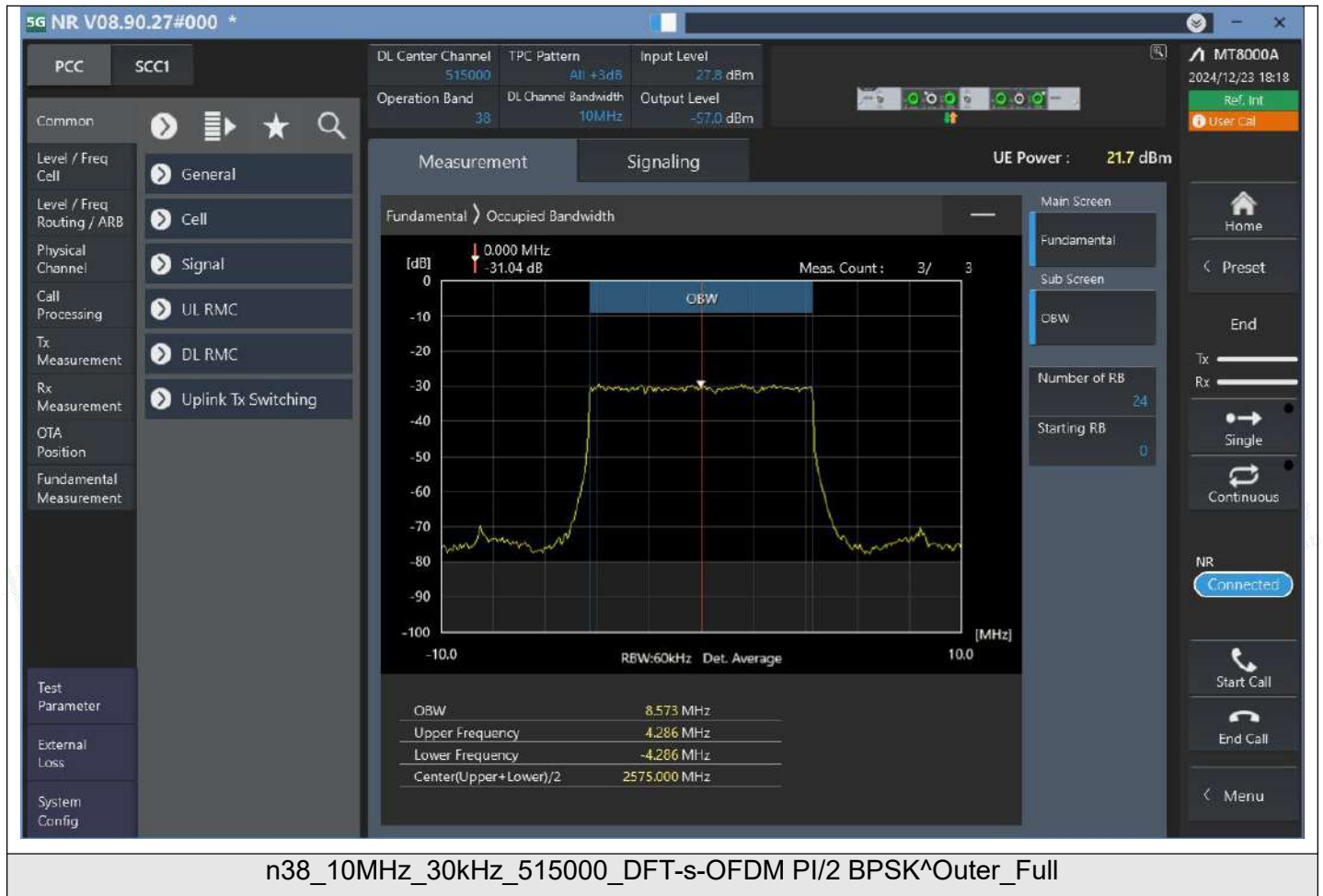
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TestGraph

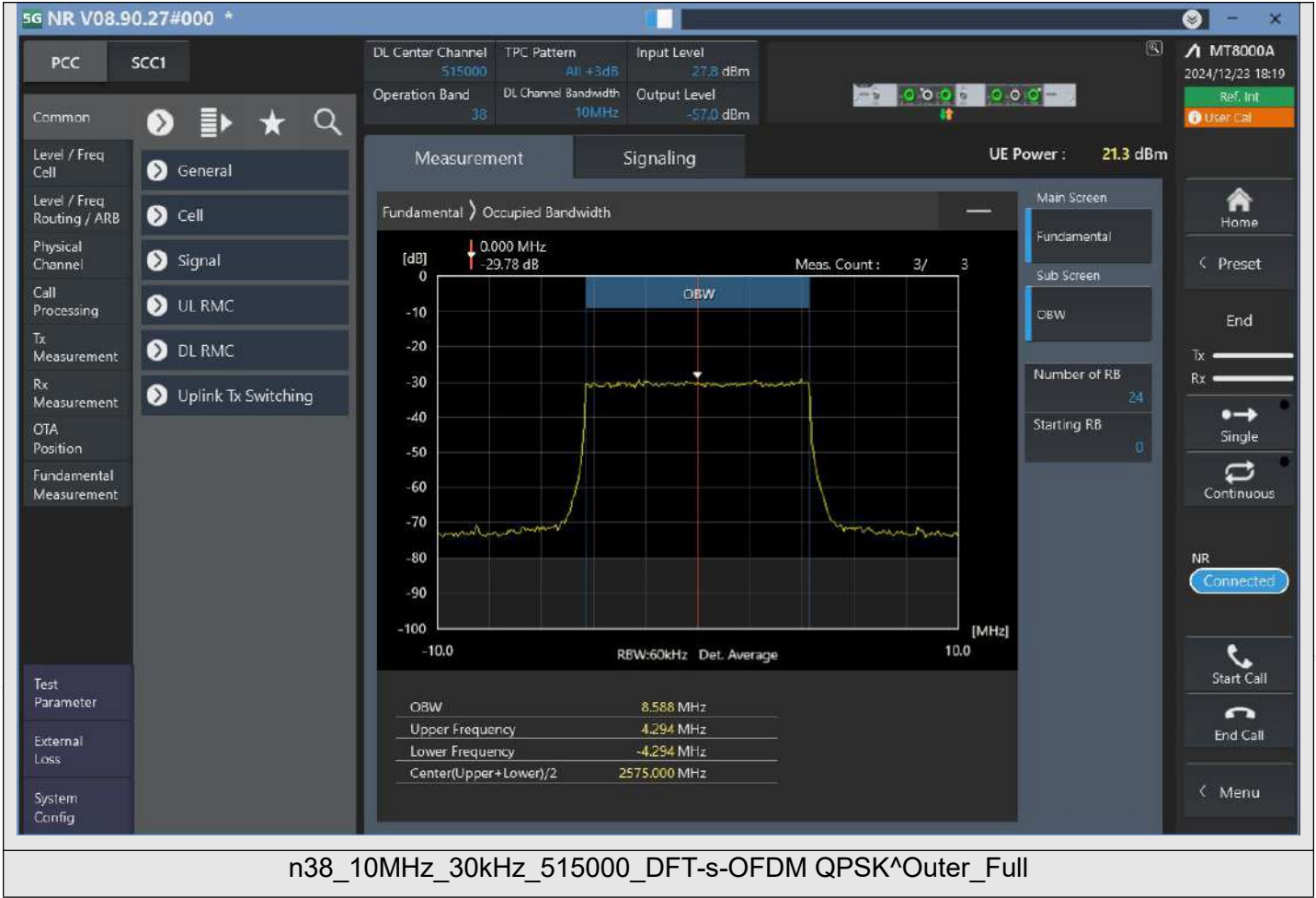


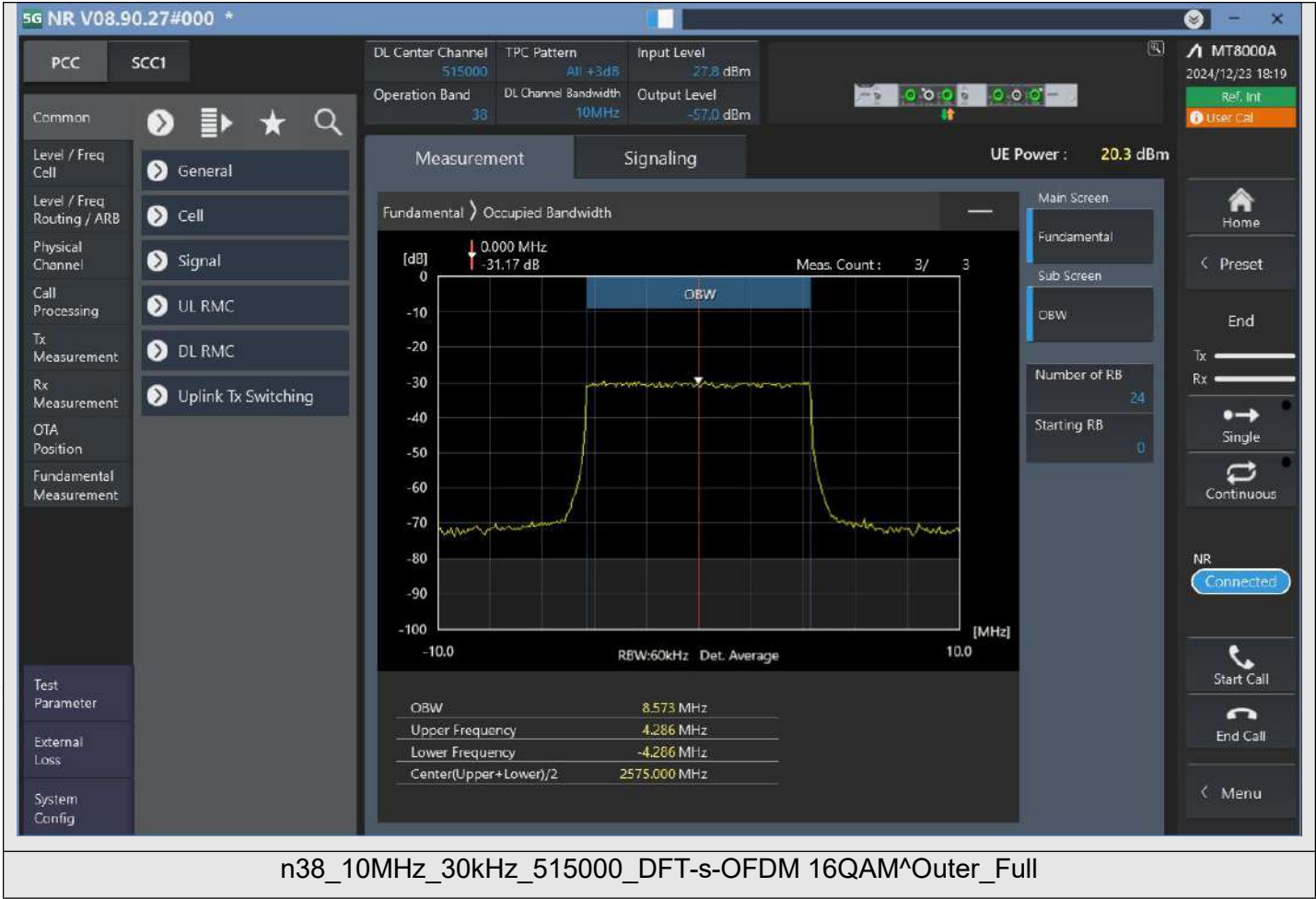
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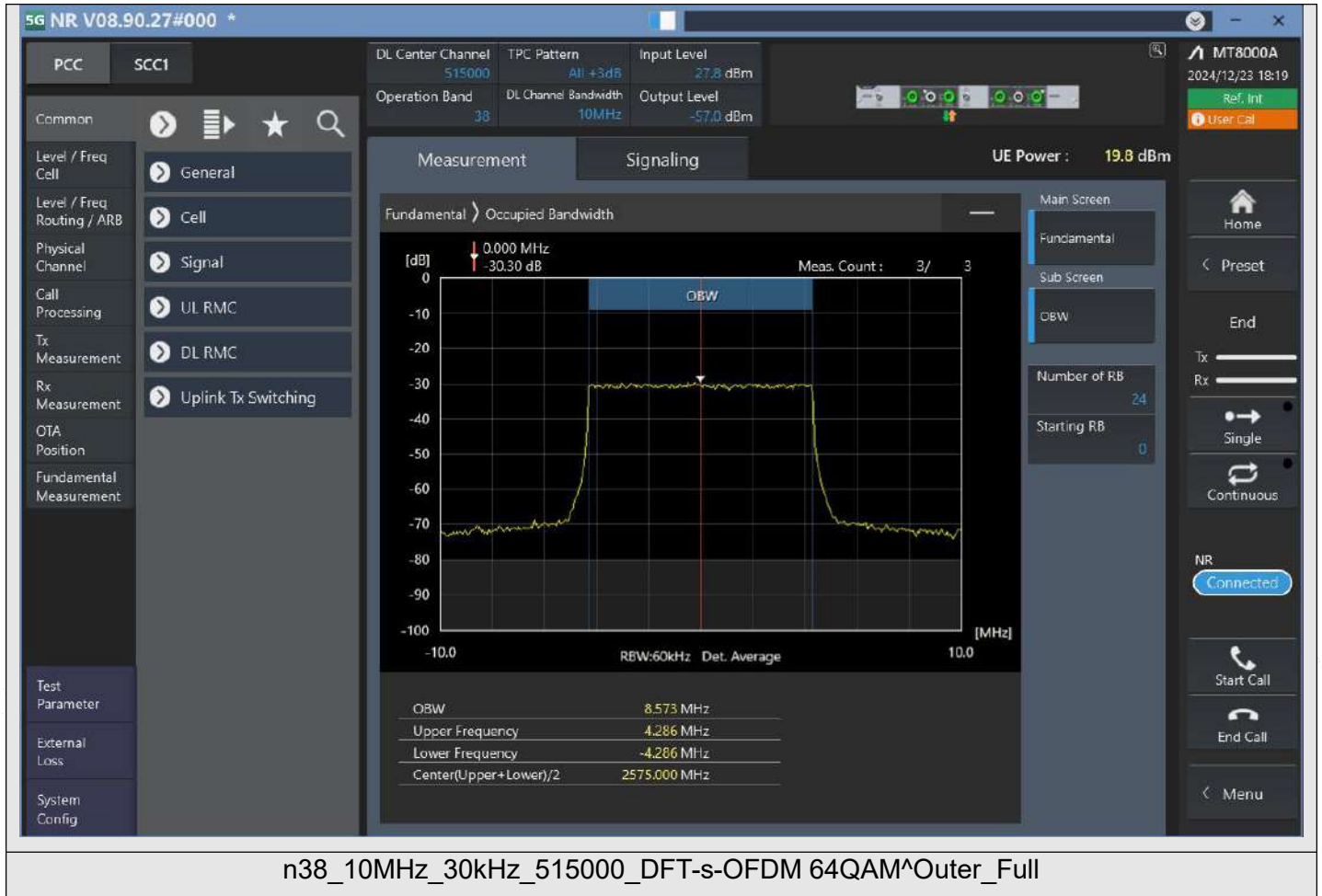
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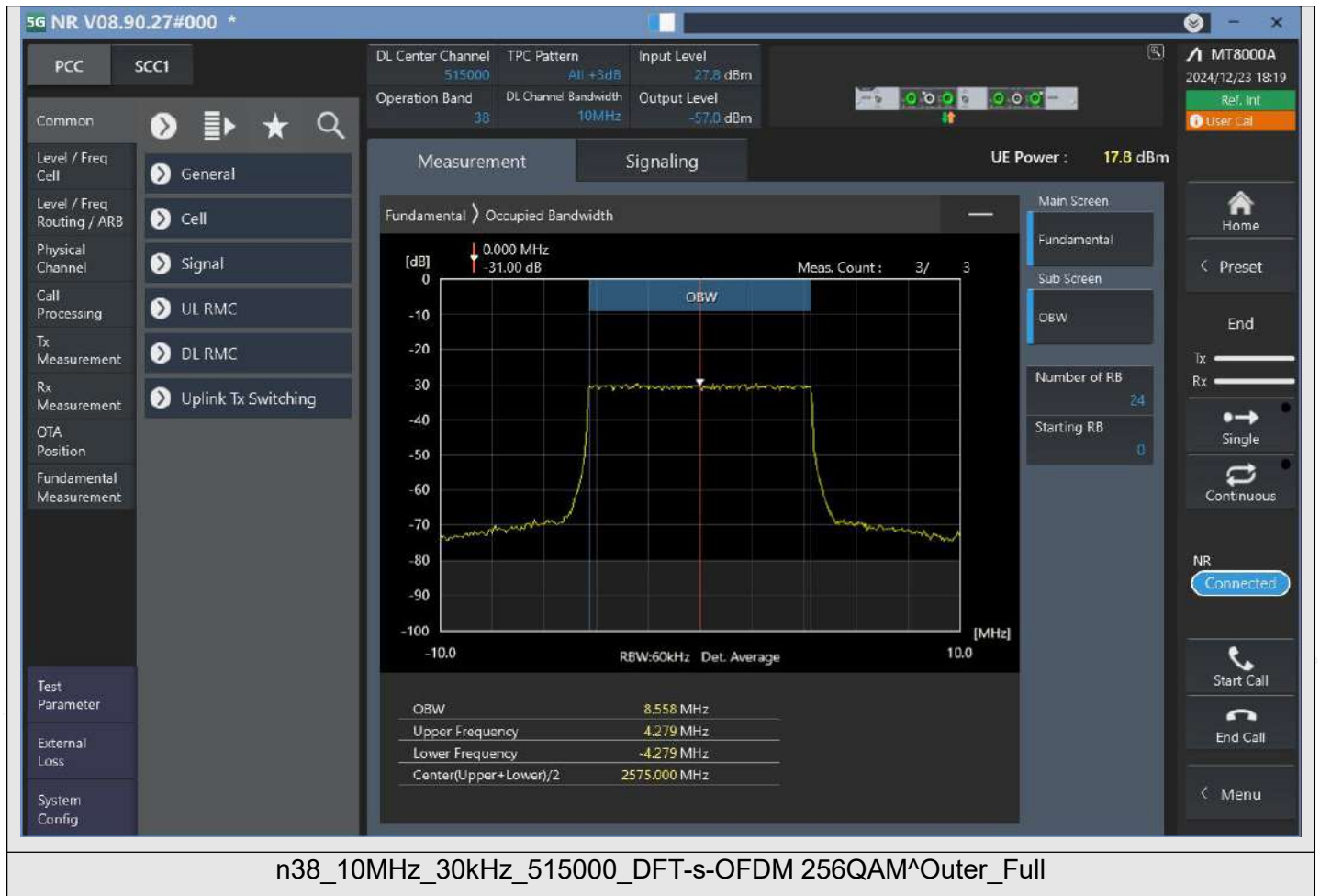
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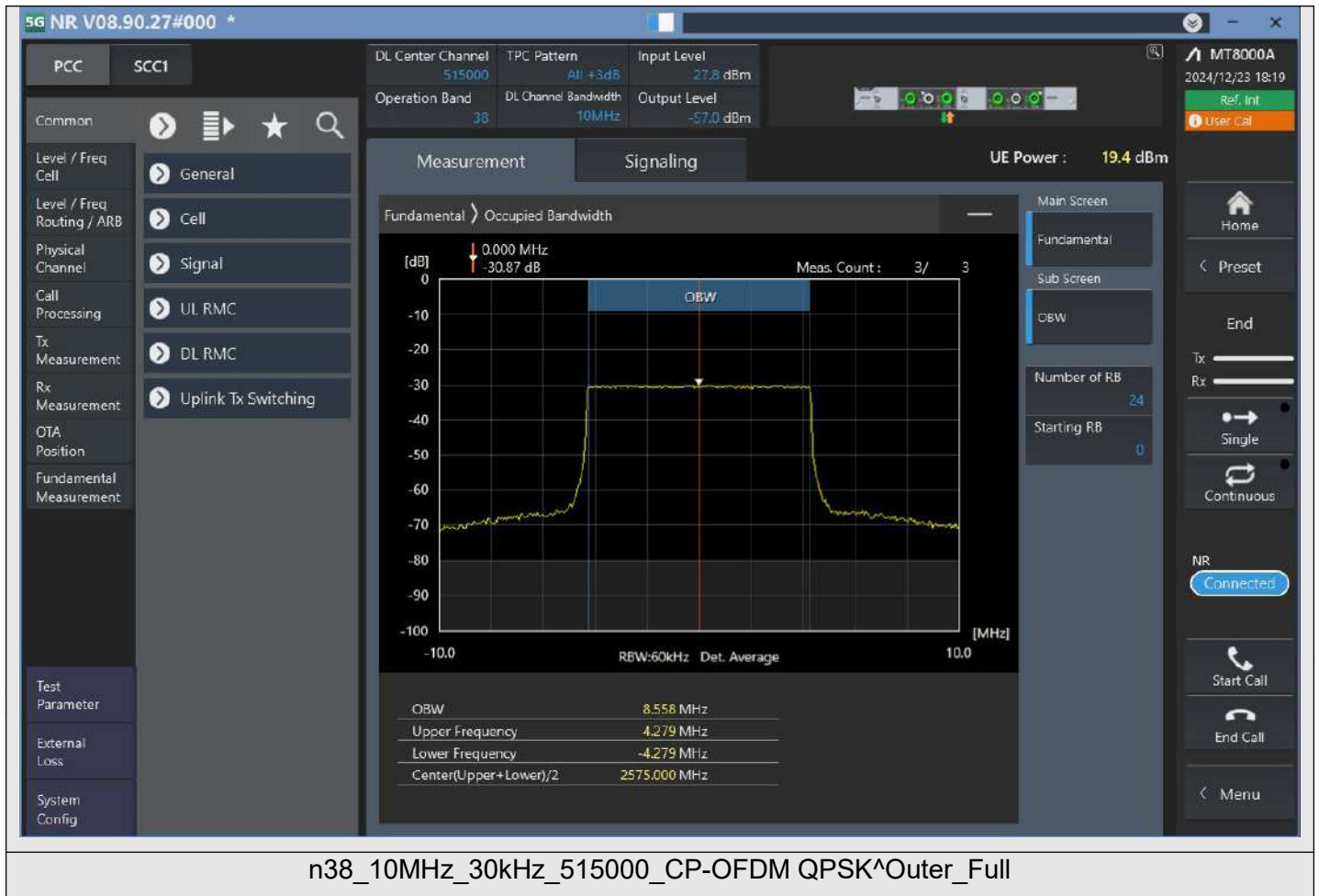
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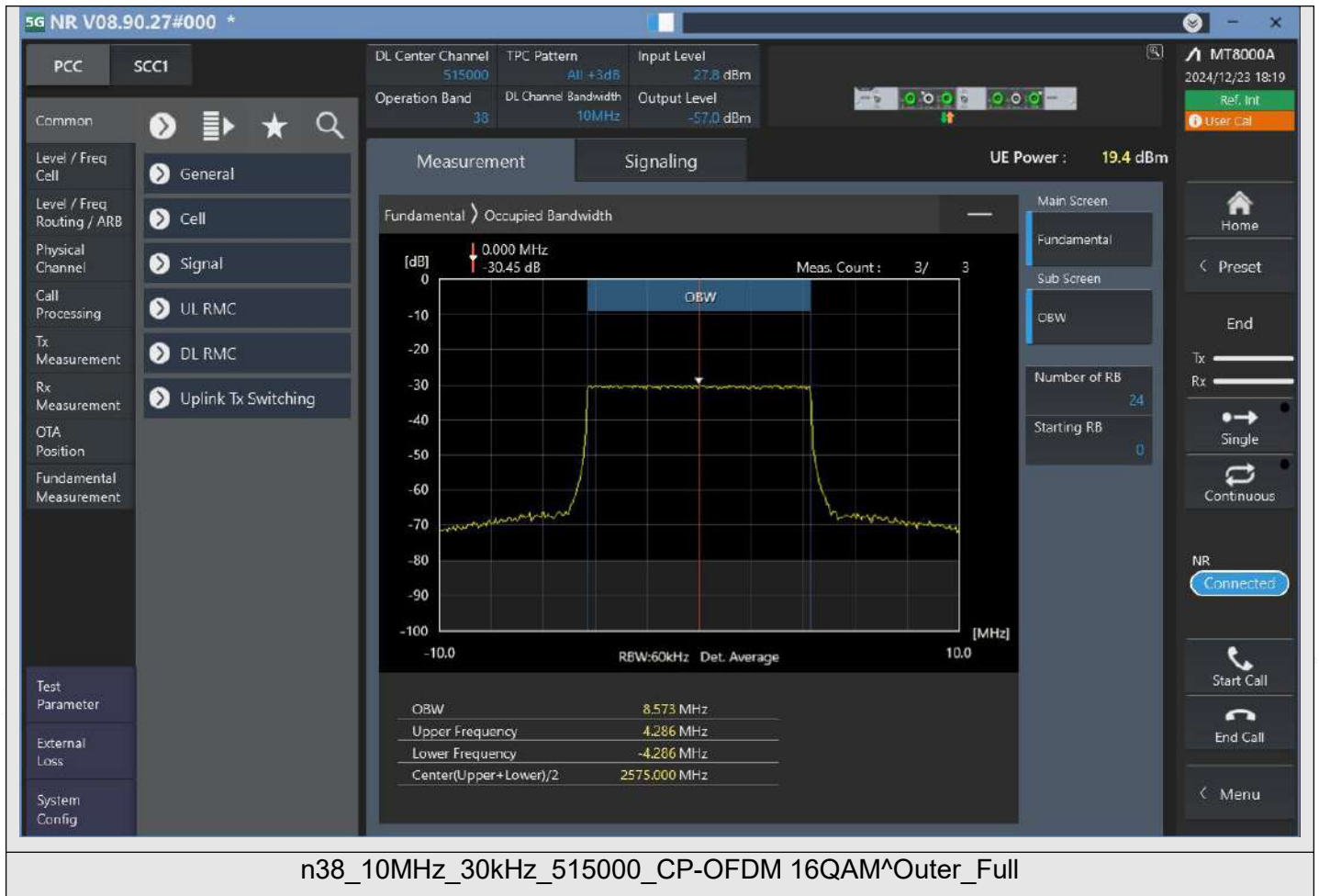


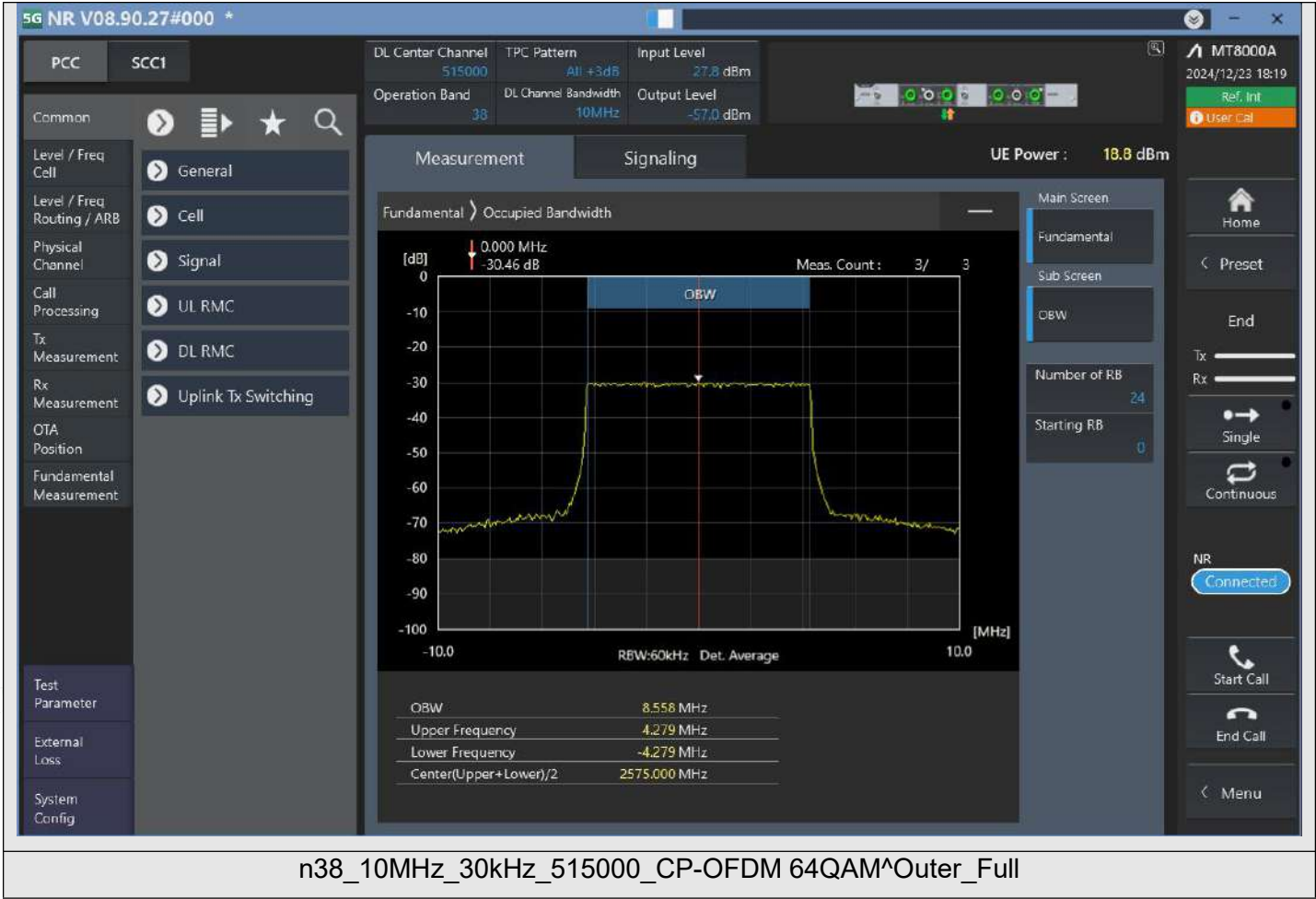


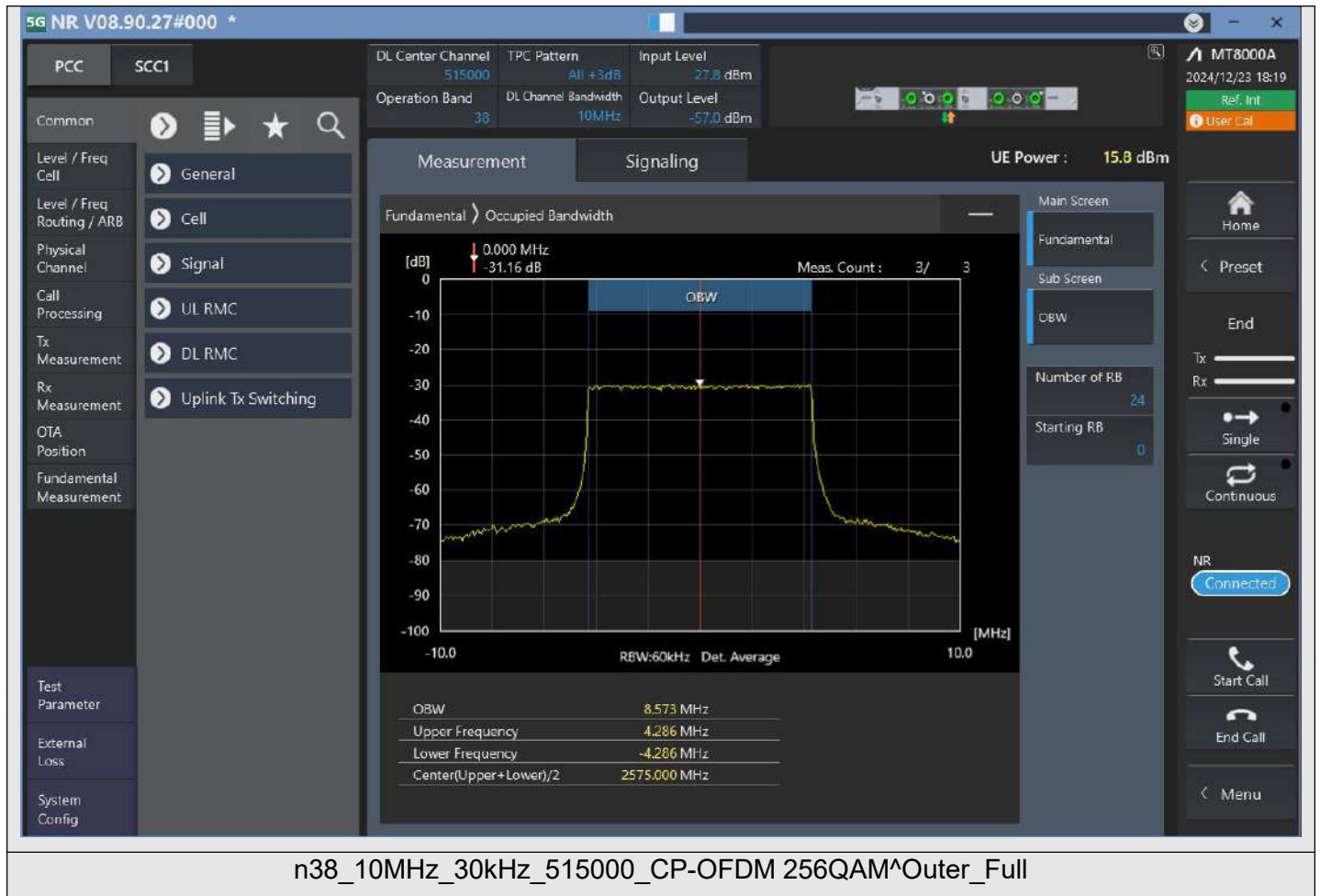


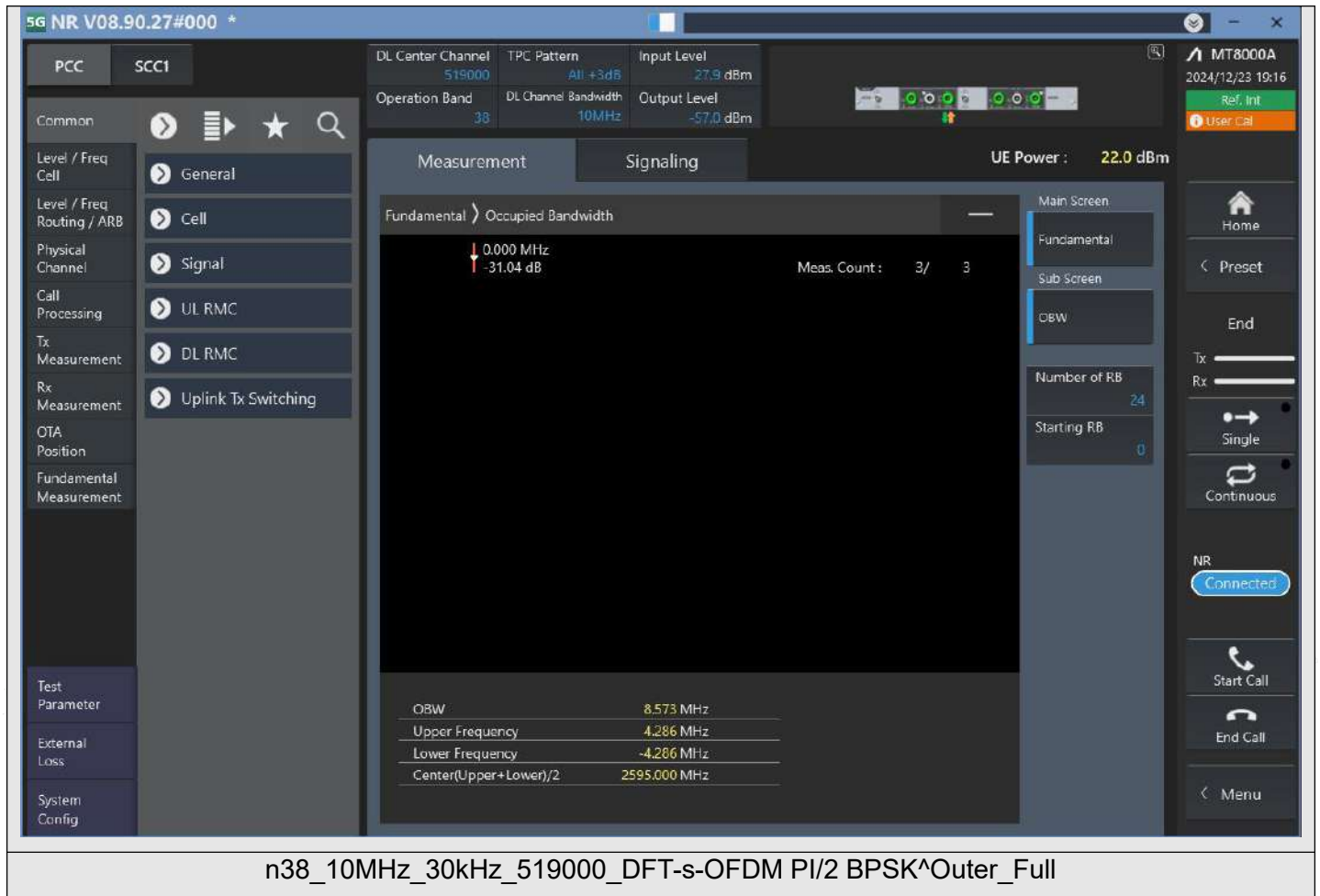


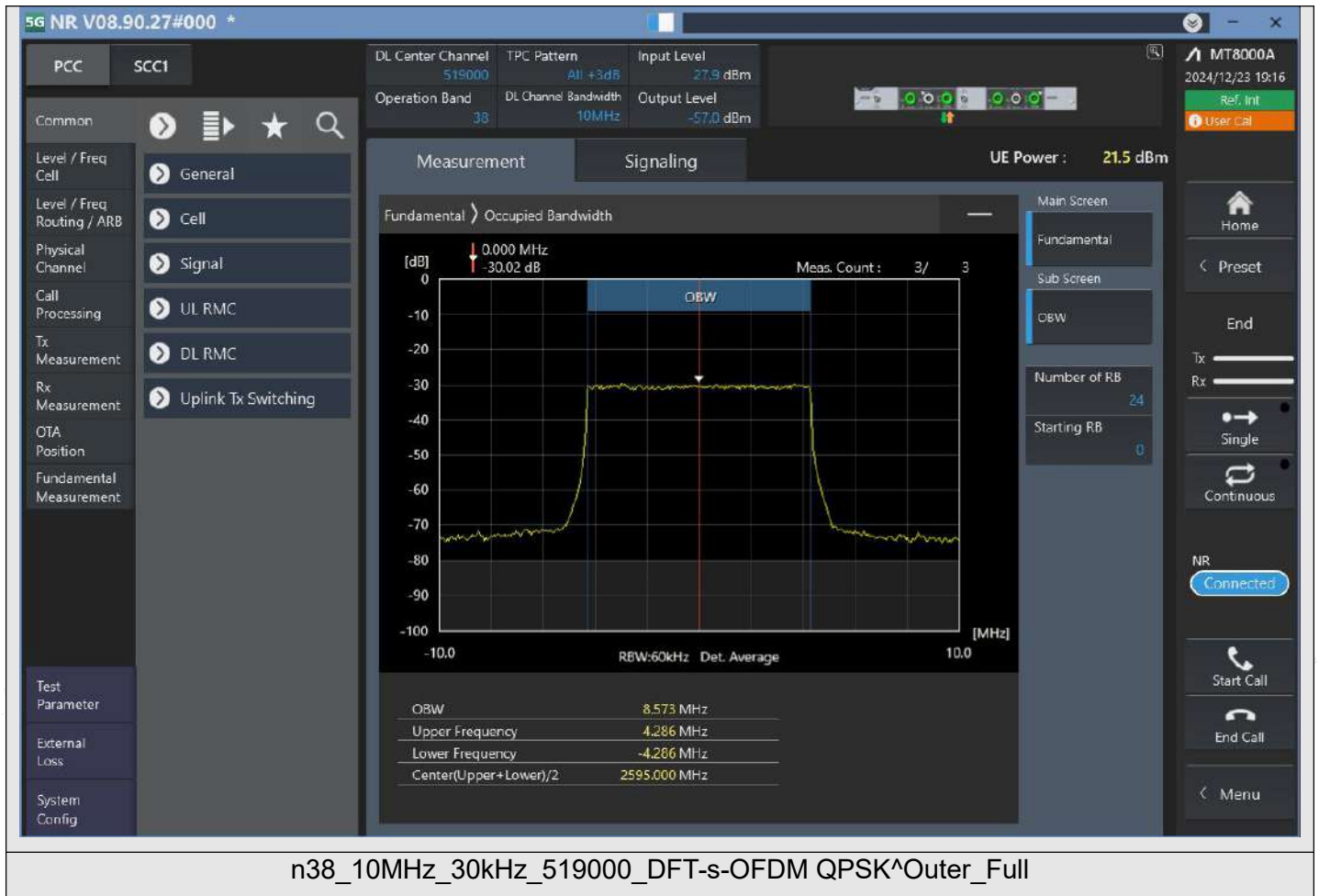


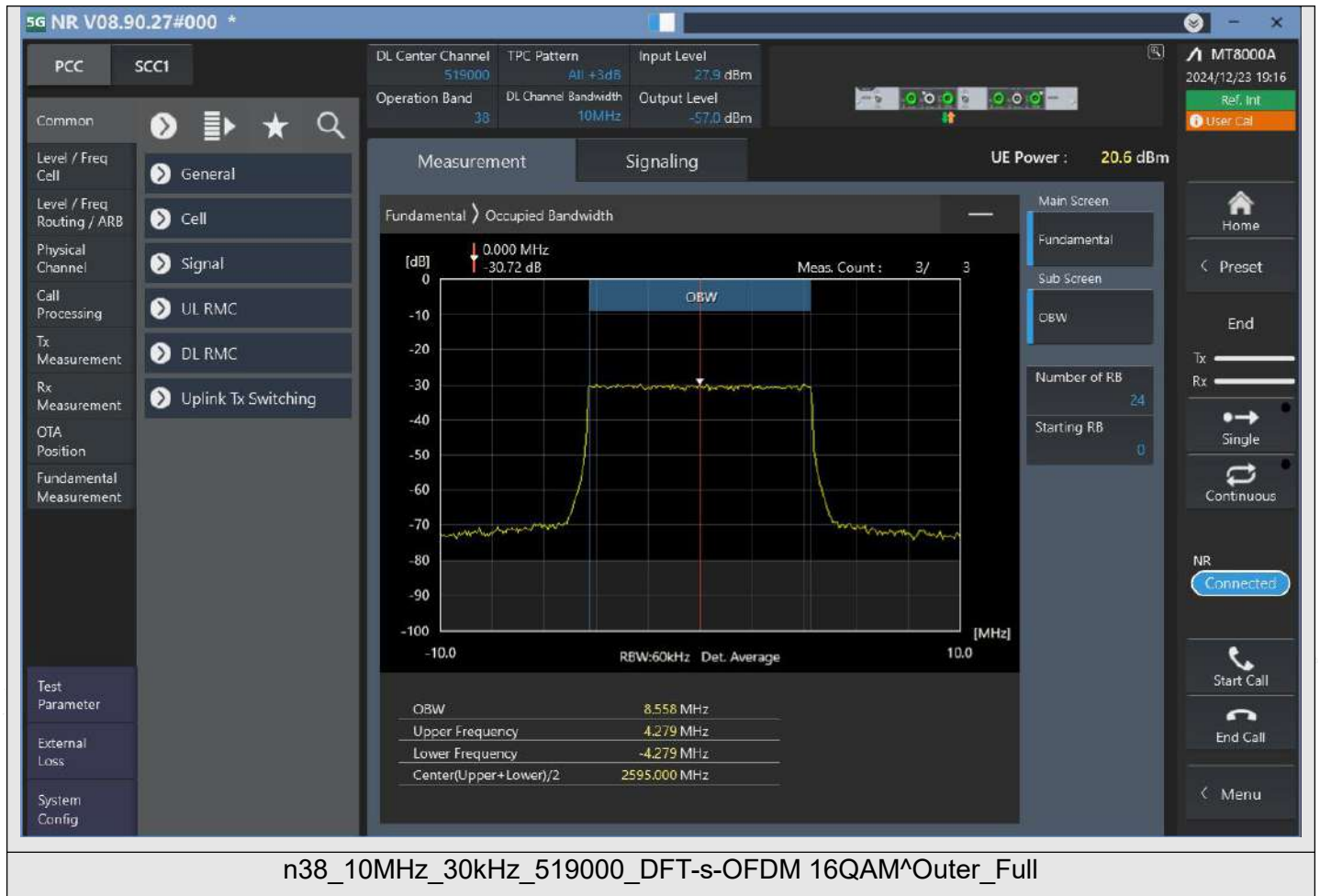


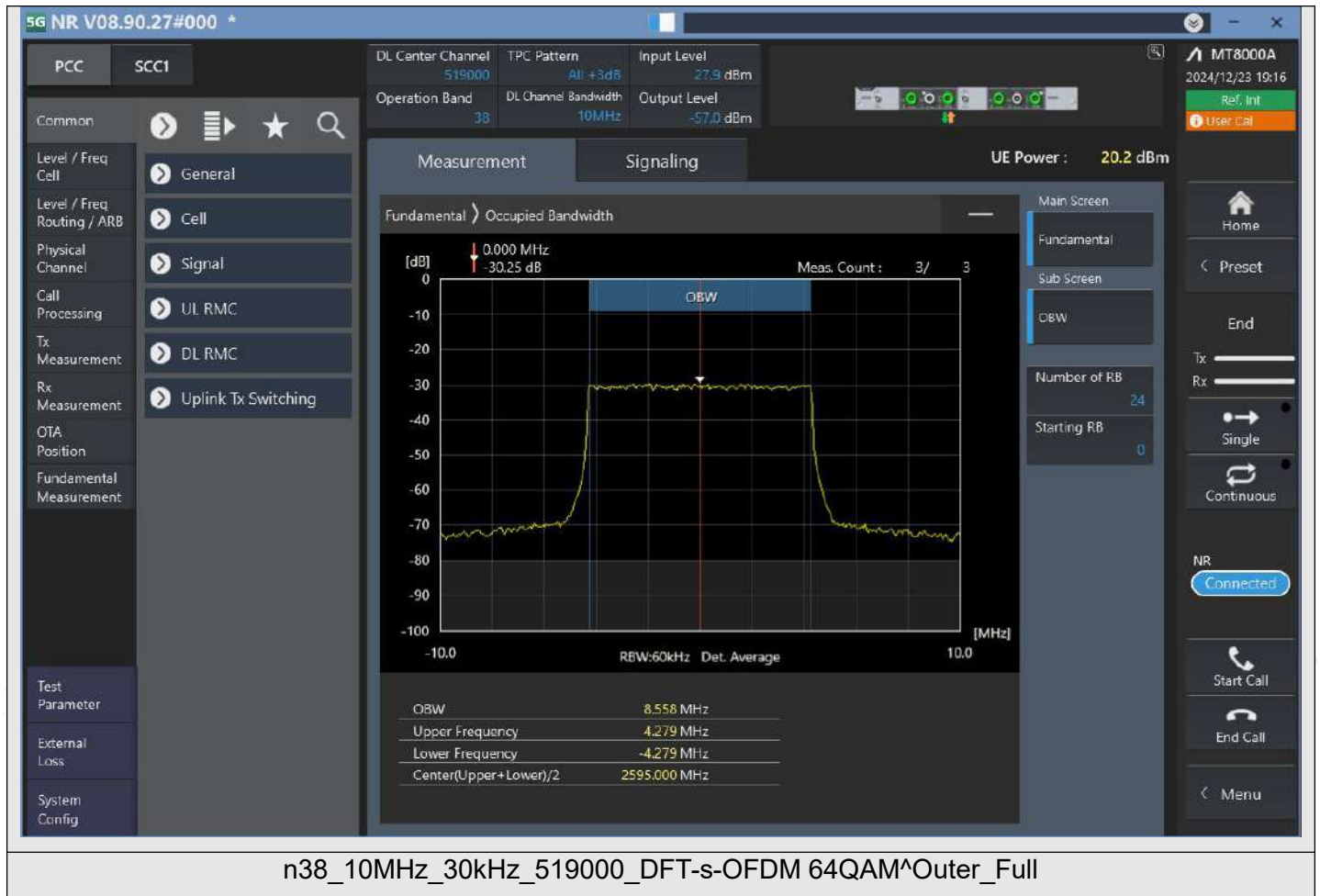










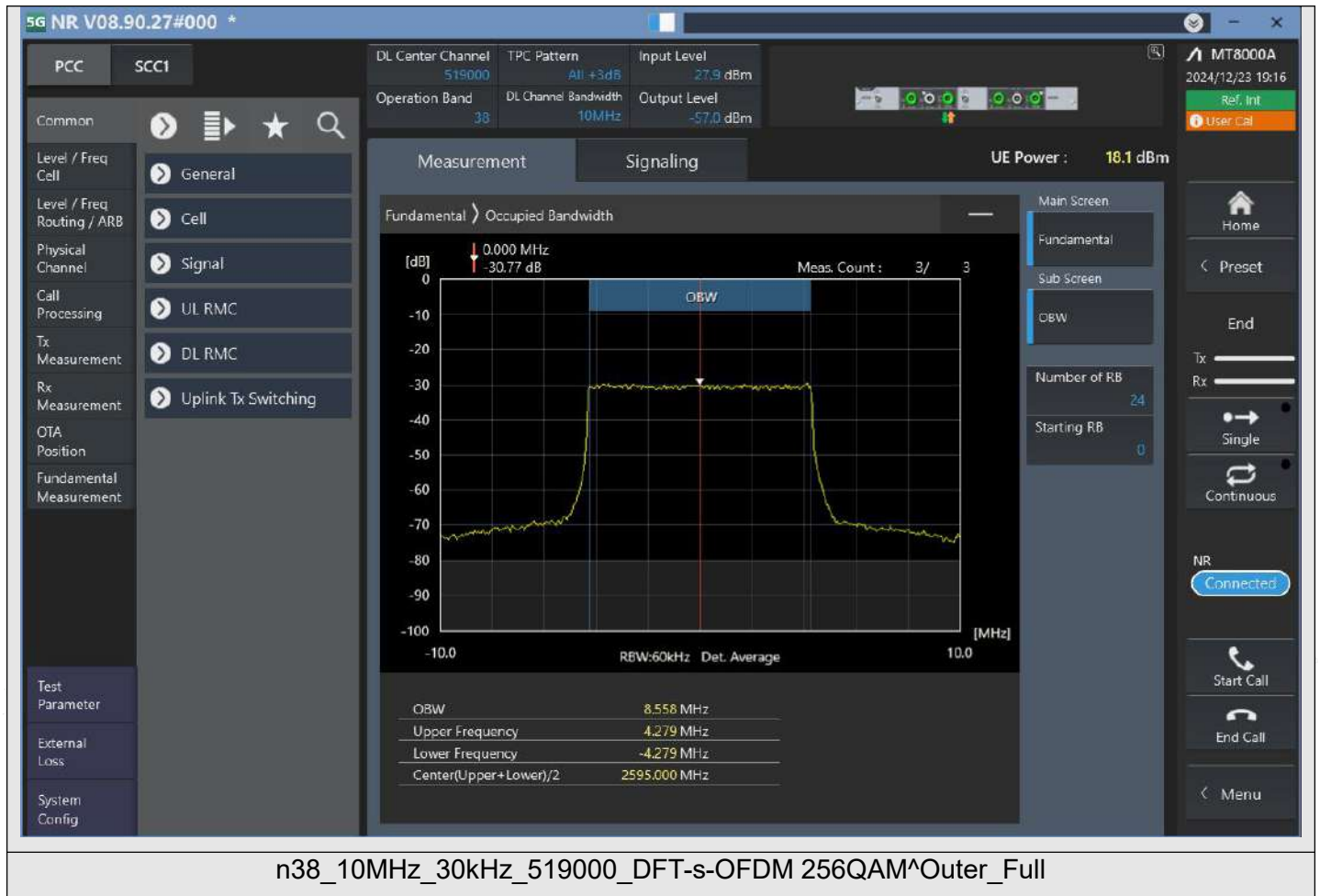


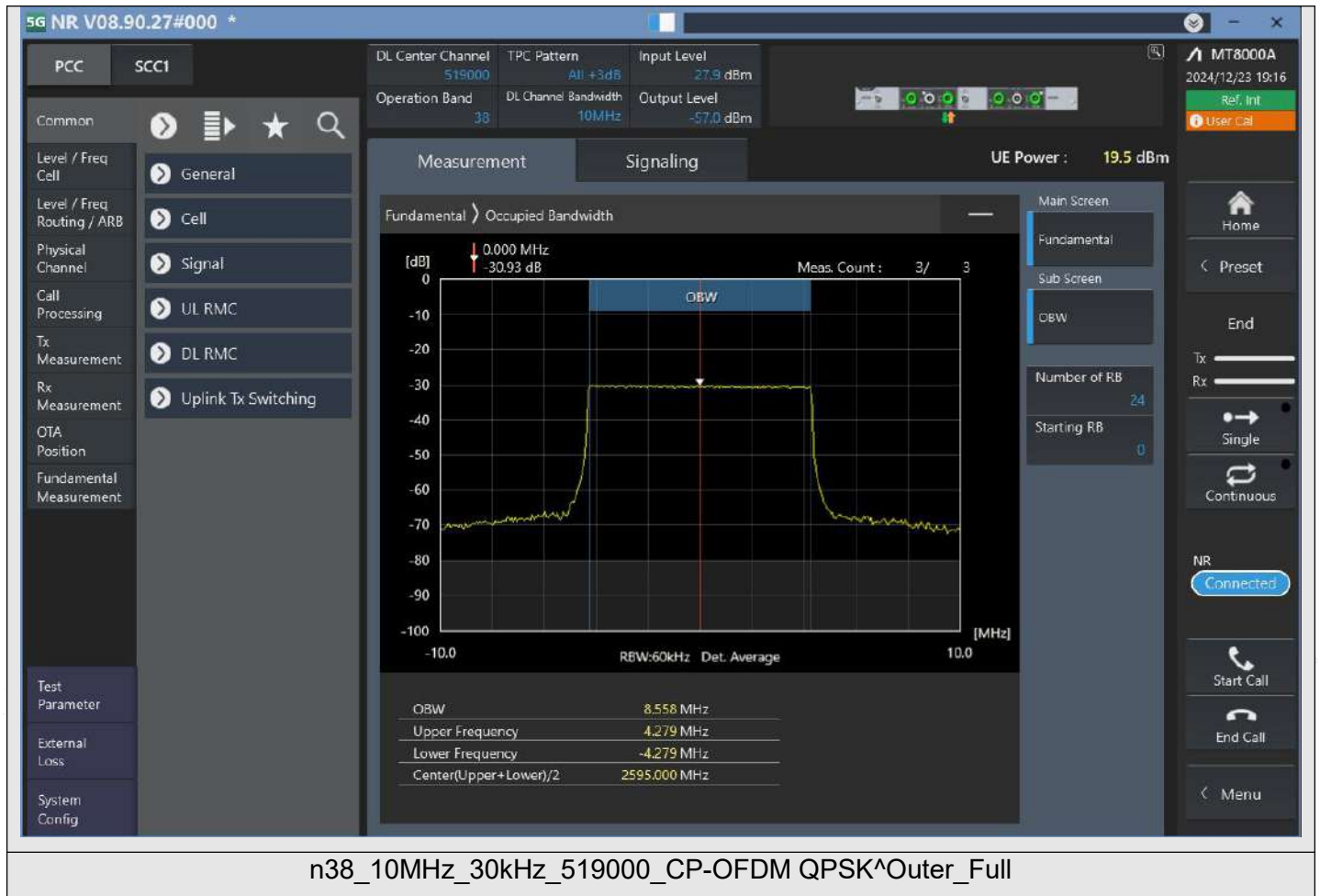
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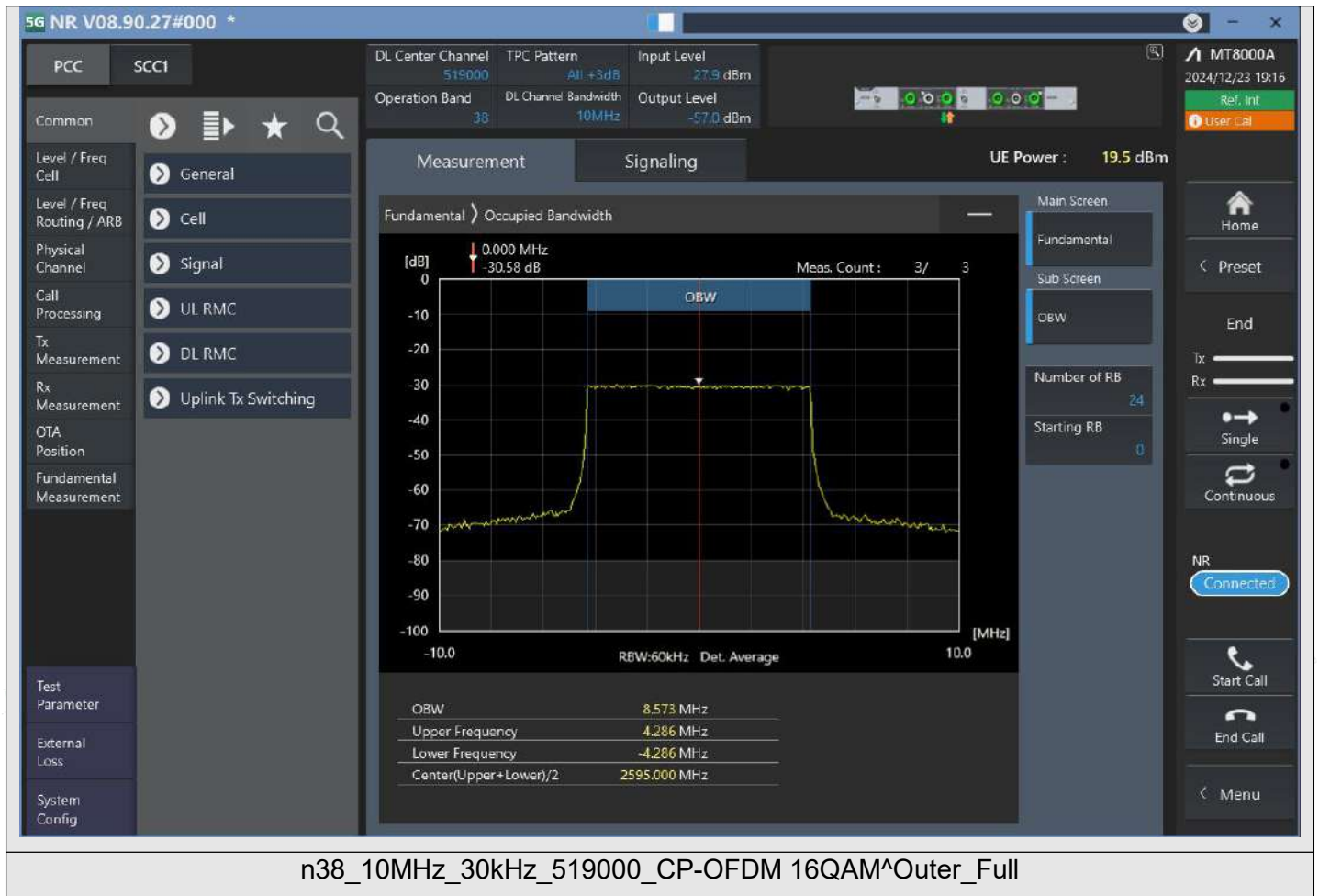
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

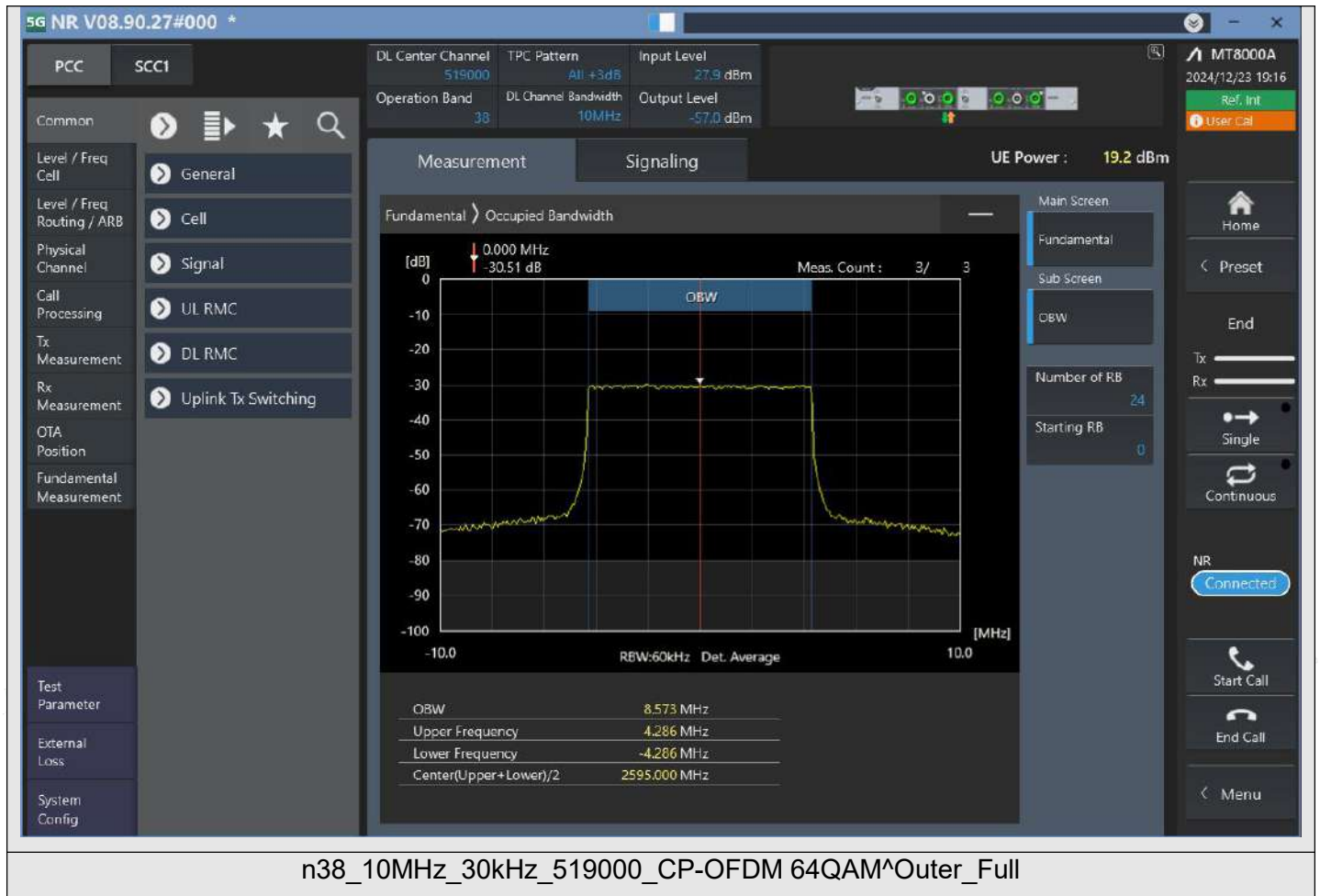
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

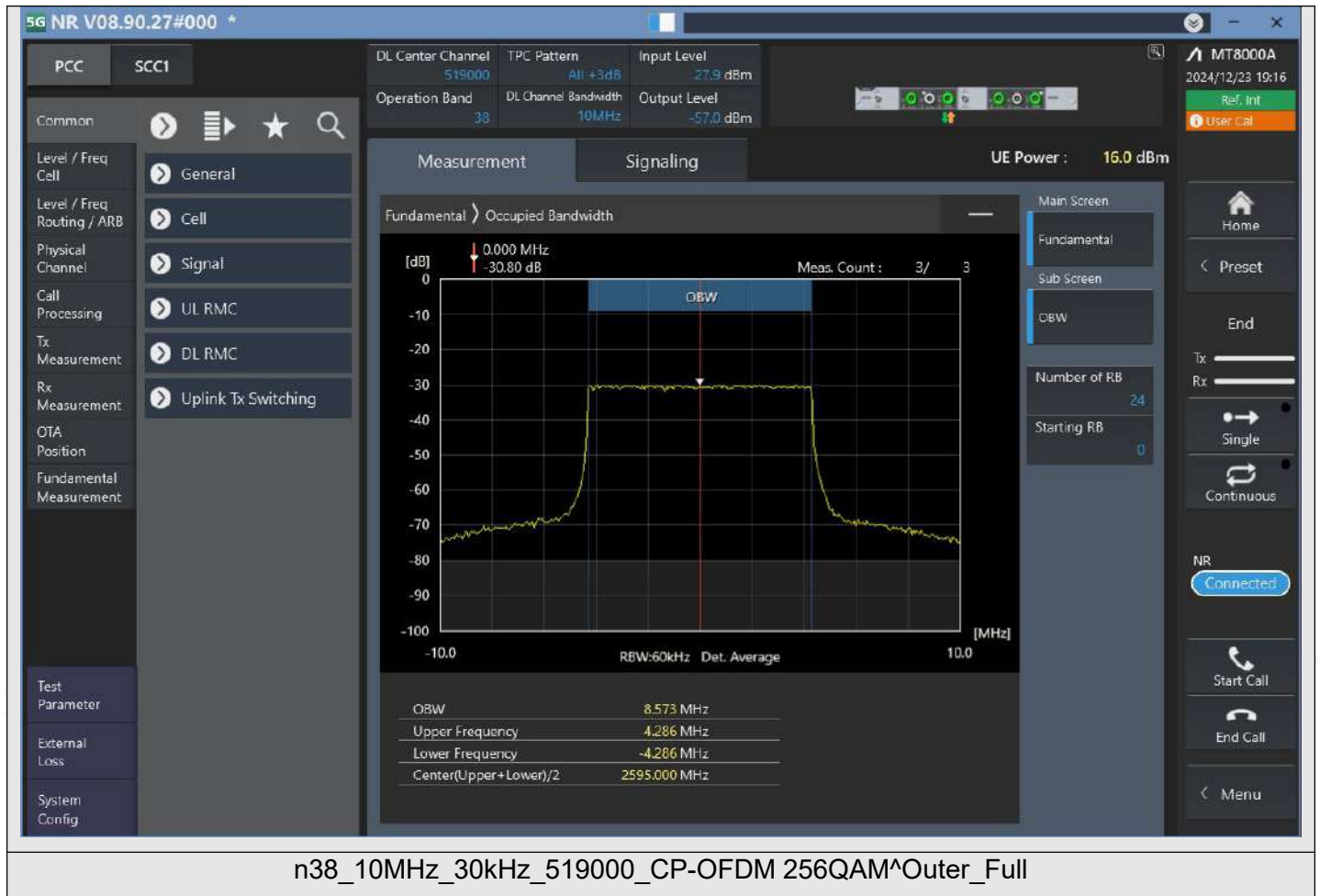
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