



Report No.: SEWM2304000122RG02

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Table with 11 columns: Item No., Lot No., Sample No., Test Method, Modulation, Port, and 5 test results, and Pass/Fail status. Contains 48 rows of test data.



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N41	30	90	DFT-16QAM	M	Outer_Full	24.71	24.81	27.77	28.55	PASS
N41	30	90	DFT-64QAM	M	Inner_1RB_Left	24.11	24.15	27.14	27.92	PASS
N41	30	90	DFT-64QAM	M	Inner_1RB_Right	24.16	24.3	27.24	28.02	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	24.18	24.33	27.27	28.05	PASS
N41	30	90	DFT-256QAM	M	Inner_1RB_Left	21.02	21.06	24.05	24.83	PASS
N41	30	90	DFT-256QAM	M	Inner_1RB_Right	21.2	21.39	24.31	25.09	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	21.32	21.53	24.44	25.22	PASS
N41	30	90	CP-QPSK	M	Inner_1RB_Left	24.49	24.4	27.51	28.29	PASS
N41	30	90	CP-QPSK	M	Inner_1RB_Right	24.09	23.91	27.07	27.85	PASS
N41	30	90	CP-QPSK	M	Outer_Full	22.98	22.54	25.83	26.61	PASS
N41	30	90	CP-16QAM	M	Inner_1RB_Left	24.07	23.95	27.08	27.86	PASS
N41	30	90	CP-16QAM	M	Inner_1RB_Right	23.53	23.35	26.51	27.29	PASS
N41	30	90	CP-16QAM	M	Outer_Full	22.94	22.57	25.82	26.6	PASS
N41	30	90	CP-64QAM	M	Inner_1RB_Left	22.48	22.37	25.49	26.27	PASS
N41	30	90	CP-64QAM	M	Inner_1RB_Right	22.14	22.01	25.14	25.92	PASS
N41	30	90	CP-64QAM	M	Outer_Full	22.49	22.1	25.36	26.14	PASS
N41	30	90	CP-256QAM	M	Inner_1RB_Left	19.67	19.3	22.55	23.33	PASS
N41	30	90	CP-256QAM	M	Inner_1RB_Right	19.16	18.76	22.03	22.81	PASS
N41	30	90	CP-256QAM	M	Outer_Full	19.5	19.06	22.35	23.13	PASS
N41	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	26.08	25.91	29.01	29.79	PASS
N41	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.33	26.14	29.25	30.03	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	24.47	24.3	27.4	28.18	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Left	26.13	26.04	29.1	29.88	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Right	26.26	26.34	29.31	30.09	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	24.62	24.84	27.74	28.52	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Left	25.56	25.55	28.57	29.35	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Right	25.55	25.81	28.69	29.47	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	24.8	24.9	27.86	28.64	PASS
N41	30	90	DFT-64QAM	H	Inner_1RB_Left	23.99	24.03	27.02	27.8	PASS
N41	30	90	DFT-64QAM	H	Inner_1RB_Right	24.22	24.36	27.3	28.08	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	24.27	24.42	27.36	28.14	PASS
N41	30	90	DFT-256QAM	H	Inner_1RB_Left	21.08	21.12	24.11	24.89	PASS
N41	30	90	DFT-256QAM	H	Inner_1RB_Right	21.3	21.49	24.41	25.19	PASS
N41	30	90	DFT-256QAM	H	Outer_Full	21.24	21.45	24.36	25.14	PASS
N41	30	90	CP-QPSK	H	Inner_1RB_Left	24.23	23.64	27.01	27.79	PASS
N41	30	90	CP-QPSK	H	Inner_1RB_Right	24.46	24.36	27.48	28.26	PASS
N41	30	90	CP-QPSK	H	Outer_Full	22.68	22.28	25.55	26.33	PASS
N41	30	90	CP-16QAM	H	Inner_1RB_Left	23.66	23.22	26.51	27.29	PASS



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N41	30	90	CP-16QAM	H	Inner_1RB_Right	23.87	24.01	27.01	27.79	PASS
N41	30	90	CP-16QAM	H	Outer_Full	22.68	22.36	25.59	26.37	PASS
N41	30	90	CP-64QAM	H	Inner_1RB_Left	22.18	21.67	25	25.78	PASS
N41	30	90	CP-64QAM	H	Inner_1RB_Right	22.45	22.47	25.53	26.31	PASS
N41	30	90	CP-64QAM	H	Outer_Full	22.17	21.82	25.06	25.84	PASS
N41	30	90	CP-256QAM	H	Inner_1RB_Left	19.19	18.67	22	22.78	PASS
N41	30	90	CP-256QAM	H	Inner_1RB_Right	19.48	19.45	22.53	23.31	PASS
N41	30	90	CP-256QAM	H	Outer_Full	19.15	18.87	22.08	22.86	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.19	26.02	29.12	29.9	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	26.15	25.96	29.07	29.85	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	24.28	24.11	27.21	27.99	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Left	26.18	26.09	29.15	29.93	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Right	26.26	26.34	29.31	30.09	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	24.61	24.83	27.73	28.51	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Left	25.58	25.57	28.59	29.37	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Right	25.67	25.93	28.81	29.59	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	24.64	24.74	27.7	28.48	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Left	24.04	24.08	27.07	27.85	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Right	24.21	24.35	27.29	28.07	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	24.28	24.43	27.37	28.15	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Left	21.22	21.26	24.25	25.03	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Right	21.36	21.55	24.47	25.25	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	21.16	21.37	24.28	25.06	PASS
N41	30	100	CP-QPSK	L	Inner_1RB_Left	23.98	24.08	27.1	27.88	PASS
N41	30	100	CP-QPSK	L	Inner_1RB_Right	24.42	24.23	27.39	28.17	PASS
N41	30	100	CP-QPSK	L	Outer_Full	22.82	22.76	25.86	26.64	PASS
N41	30	100	CP-16QAM	L	Inner_1RB_Left	23.55	23.67	26.68	27.46	PASS
N41	30	100	CP-16QAM	L	Inner_1RB_Right	23.83	23.76	26.86	27.64	PASS
N41	30	100	CP-16QAM	L	Outer_Full	22.82	22.77	25.86	26.64	PASS
N41	30	100	CP-64QAM	L	Inner_1RB_Left	21.97	22.23	25.17	25.95	PASS
N41	30	100	CP-64QAM	L	Inner_1RB_Right	22.4	22.31	25.42	26.2	PASS
N41	30	100	CP-64QAM	L	Outer_Full	22.32	22.21	25.33	26.11	PASS
N41	30	100	CP-256QAM	L	Inner_1RB_Left	19.01	19.28	22.21	22.99	PASS
N41	30	100	CP-256QAM	L	Inner_1RB_Right	19.46	19.35	22.47	23.25	PASS
N41	30	100	CP-256QAM	L	Outer_Full	19.32	19.24	22.35	23.13	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.28	26.11	29.21	29.99	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.12	25.93	29.04	29.82	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	24.41	24.24	27.34	28.12	PASS



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N41	30	100	DFT-QPSK	M	Inner_1RB_Left	26.1	26.01	29.07	29.85	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Right	26.23	26.31	29.28	30.06	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	24.73	24.95	27.85	28.63	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Left	25.6	25.59	28.61	29.39	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Right	25.64	25.9	28.78	29.56	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	24.66	24.76	27.72	28.5	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Left	24.18	24.22	27.21	27.99	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Right	24.28	24.42	27.36	28.14	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	24.24	24.39	27.33	28.11	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Left	21	21.04	24.03	24.81	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Right	21.31	21.5	24.42	25.2	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	21.3	21.51	24.42	25.2	PASS
N41	30	100	CP-QPSK	M	Inner_1RB_Left	24.55	24.38	27.53	28.31	PASS
N41	30	100	CP-QPSK	M	Inner_1RB_Right	23.9	24.07	27.05	27.83	PASS
N41	30	100	CP-QPSK	M	Outer_Full	23.03	22.57	25.87	26.65	PASS
N41	30	100	CP-16QAM	M	Inner_1RB_Left	24.03	23.85	27.01	27.79	PASS
N41	30	100	CP-16QAM	M	Inner_1RB_Right	23.38	23.42	26.47	27.25	PASS
N41	30	100	CP-16QAM	M	Outer_Full	22.96	22.58	25.84	26.62	PASS
N41	30	100	CP-64QAM	M	Inner_1RB_Left	22.58	22.45	25.58	26.36	PASS
N41	30	100	CP-64QAM	M	Inner_1RB_Right	21.86	22	25	25.78	PASS
N41	30	100	CP-64QAM	M	Outer_Full	22.41	22.06	25.3	26.08	PASS
N41	30	100	CP-256QAM	M	Inner_1RB_Left	19.66	19.44	22.62	23.4	PASS
N41	30	100	CP-256QAM	M	Inner_1RB_Right	18.98	19.03	22.07	22.85	PASS
N41	30	100	CP-256QAM	M	Outer_Full	19.44	19.1	22.34	23.12	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.27	26.1	29.2	29.98	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	26.12	25.93	29.04	29.82	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	24.45	24.28	27.38	28.16	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Left	26.04	25.95	29.01	29.79	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Right	26.28	26.36	29.33	30.11	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	24.78	25	27.9	28.68	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Left	25.54	25.53	28.55	29.33	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Right	25.52	25.78	28.66	29.44	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	24.73	24.83	27.79	28.57	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Left	24.06	24.1	27.09	27.87	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Right	24.31	24.45	27.39	28.17	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	24.23	24.38	27.32	28.1	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Left	21.09	21.13	24.12	24.9	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Right	21.22	21.41	24.33	25.11	PASS



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N41	30	100	DFT-256QAM	H	Outer_Full	21.23	21.44	24.35	25.13	PASS
N41	30	100	CP-QPSK	H	Inner_1RB_Left	24.3	24.1	27.27	28.05	PASS
N41	30	100	CP-QPSK	H	Inner_1RB_Right	24.48	24.66	27.64	28.42	PASS
N41	30	100	CP-QPSK	H	Outer_Full	22.81	22.39	25.67	26.45	PASS
N41	30	100	CP-16QAM	H	Inner_1RB_Left	23.87	23.58	26.79	27.57	PASS
N41	30	100	CP-16QAM	H	Inner_1RB_Right	24.07	24.08	27.14	27.92	PASS
N41	30	100	CP-16QAM	H	Outer_Full	22.79	22.44	25.68	26.46	PASS
N41	30	100	CP-64QAM	H	Inner_1RB_Left	22.32	22.08	25.27	26.05	PASS
N41	30	100	CP-64QAM	H	Inner_1RB_Right	22.54	22.59	25.63	26.41	PASS
N41	30	100	CP-64QAM	H	Outer_Full	22.29	21.91	25.17	25.95	PASS
N41	30	100	CP-256QAM	H	Inner_1RB_Left	19.4	19.08	22.31	23.09	PASS
N41	30	100	CP-256QAM	H	Inner_1RB_Right	19.58	19.58	22.65	23.43	PASS
N41	30	100	CP-256QAM	H	Outer_Full	19.33	18.93	22.2	22.98	PASS



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	100	DFT-256QAM	L	Outer_Full	9.99	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	9.63	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	9.72	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	10.12	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	9.92	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	10.34	≤13	PASS

### Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N41	30	100	DFT-256QAM	L	Outer_Full	19.56%	7.09	2.45	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	19.56%	7.09	2.80	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	19.56%	7.09	2.52	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	19.56%	7.09	2.45	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	19.56%	7.09	2.74	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	19.56%	7.09	2.87	≤13	PASS



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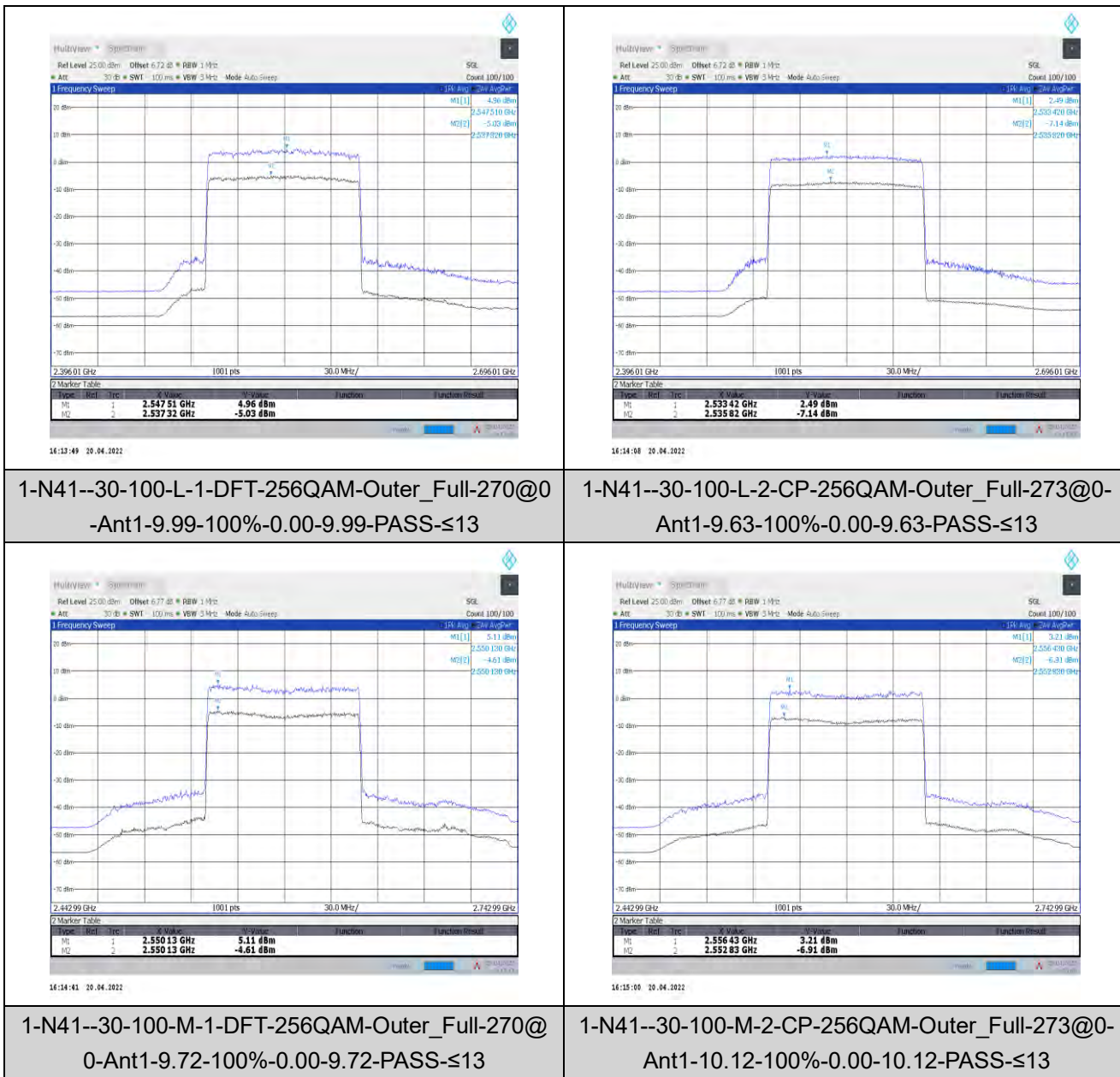
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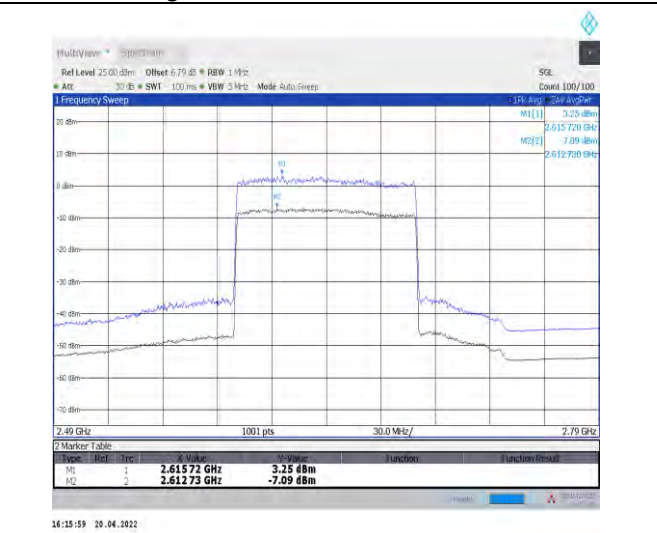
Test Graphs



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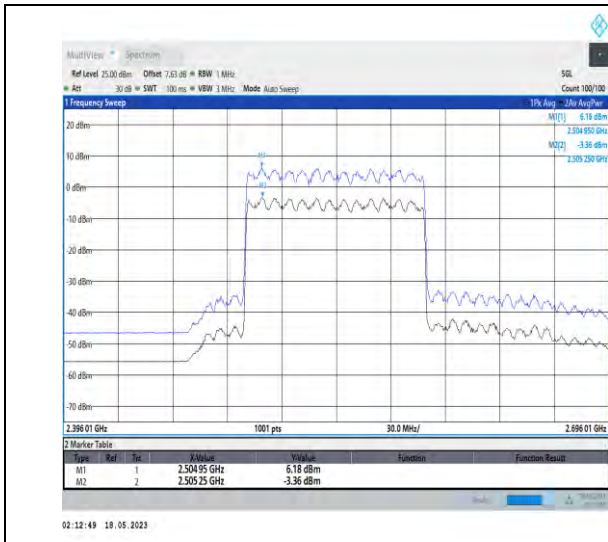
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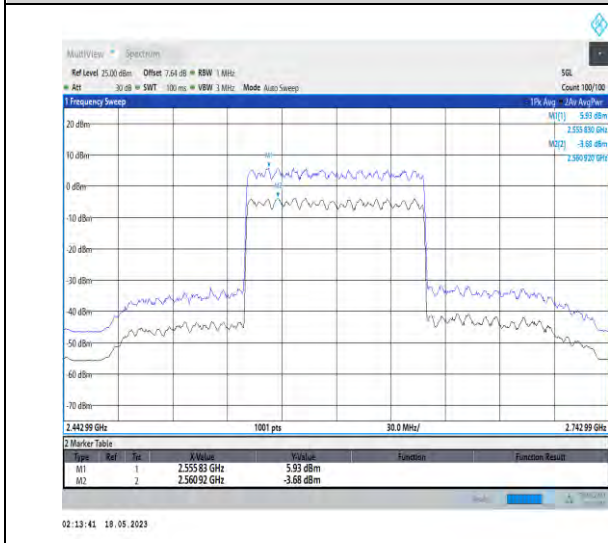
Test Graphs for MIMO



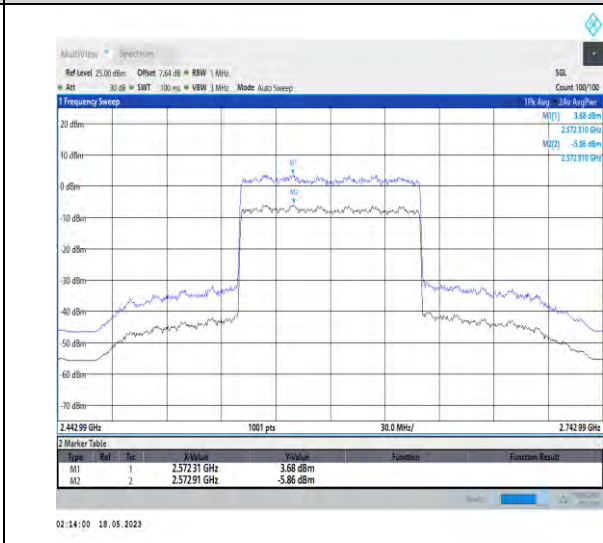
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1-N41-PC1-30-100-M-1-DFT-256QAM-Outer\_Full-270@0-Ant1-9.61-19.56%-7.09-2.52-PASS-≤13

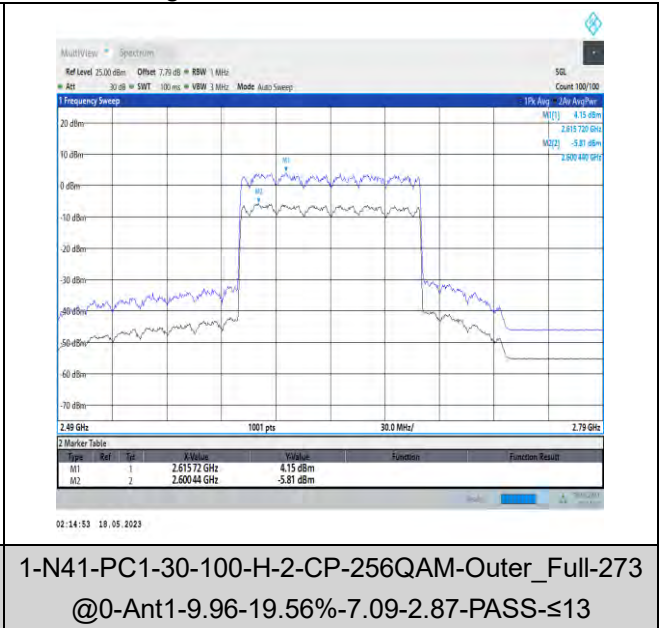
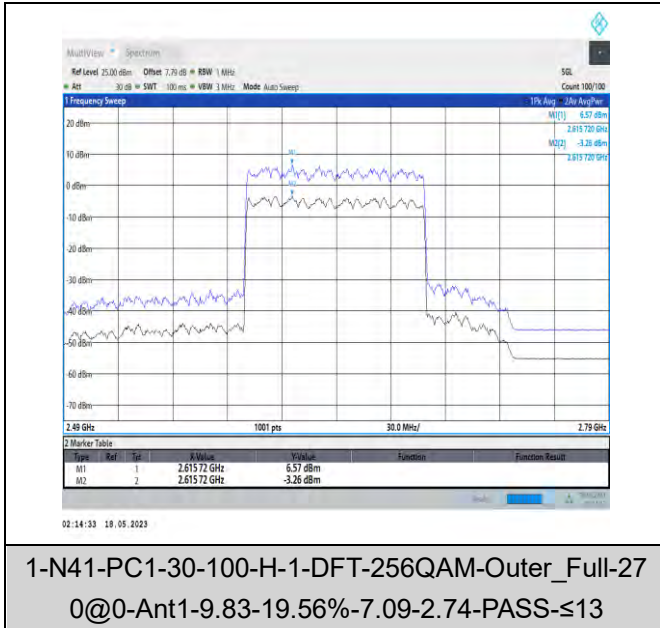


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1-N41-PC1-30-100-H-1-DFT-256QAM-Outer\_Full-270@0-Ant1-9.83-19.56%-7.09-2.74-PASS-≤13

1-N41-PC1-30-100-H-2-CP-256QAM-Outer\_Full-273@0-Ant1-9.96-19.56%-7.09-2.87-PASS-≤13



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## Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	see graph	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	see graph	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	see graph	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	see graph	PASS
N41	30	100	CP-QPSK	M	Outer_Full	see graph	PASS
N41	30	100	CP-16QAM	M	Outer_Full	see graph	PASS
N41	30	100	CP-64QAM	M	Outer_Full	see graph	PASS
N41	30	100	CP-256QAM	M	Outer_Full	see graph	PASS



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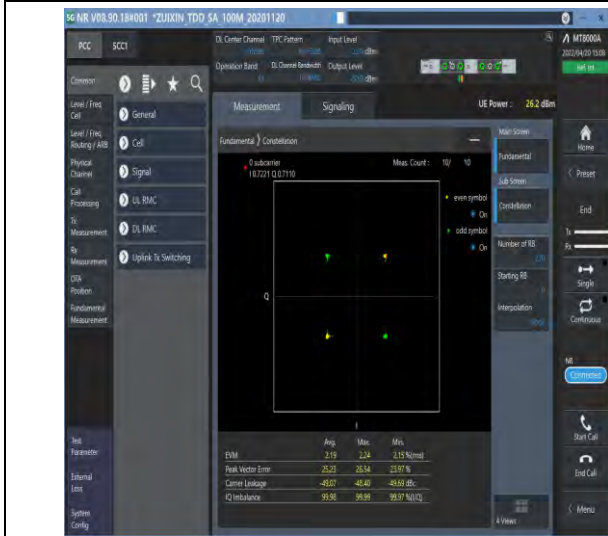
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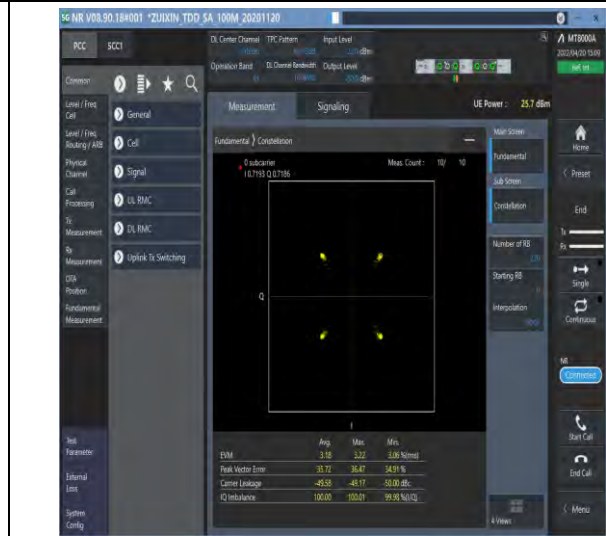
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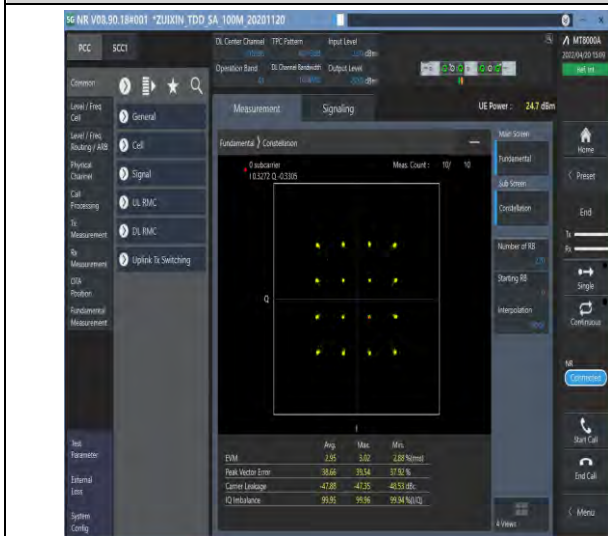
Test Graphs



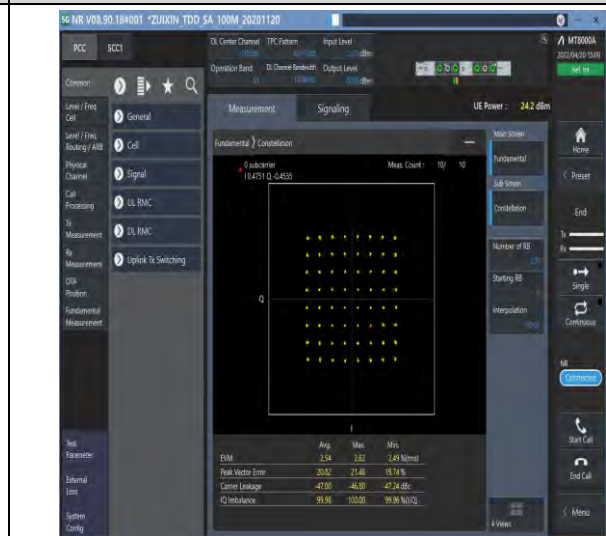
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 -Ant1-see graph-PASS



1-N41--30-100-M-2-DFT-QPSK-Outer\_Full-270@0-  
 Ant1-see graph-PASS



1-N41--30-100-M-3-DFT-16QAM-Outer\_Full-270@0-  
 Ant1-see graph-PASS



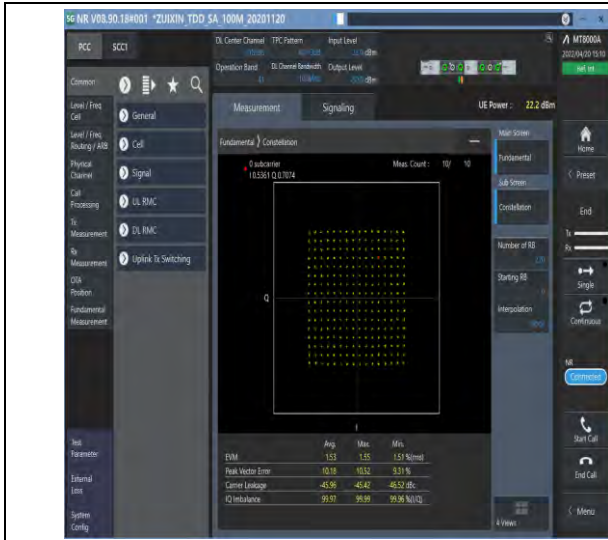
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 -Ant1-see graph-PASS



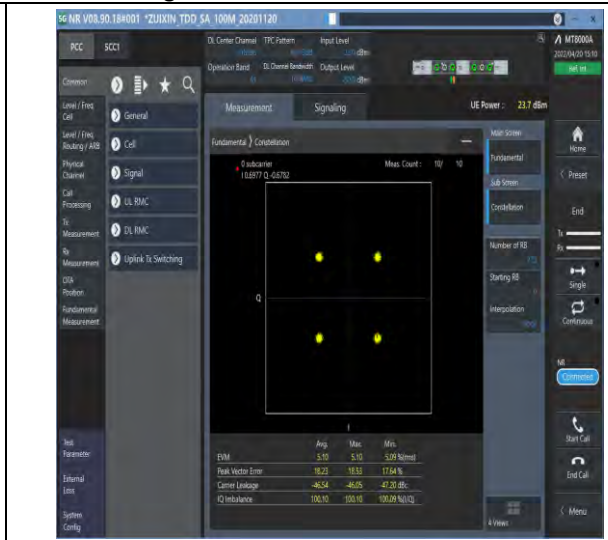
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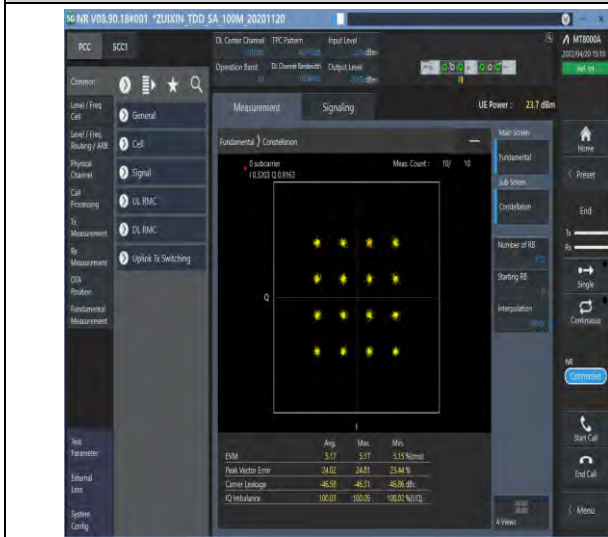
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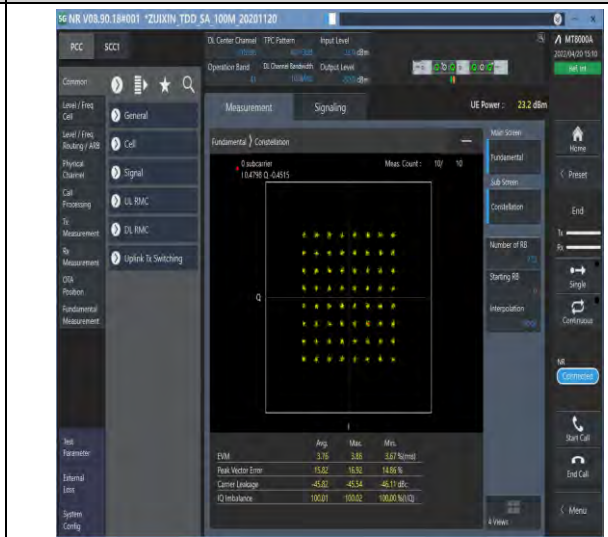
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1-N41--30-100-M-7-CP-16QAM-Outer\_Full-273@0-Ant1-see graph-PASS



1-N41--30-100-M-8-CP-64QAM-Outer\_Full-273@0-Ant1-see graph-PASS



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<p>1-N41--30-100-M-9-CP-256QAM-Outer_Full-273@0-Ant1-see graph-PASS</p>	



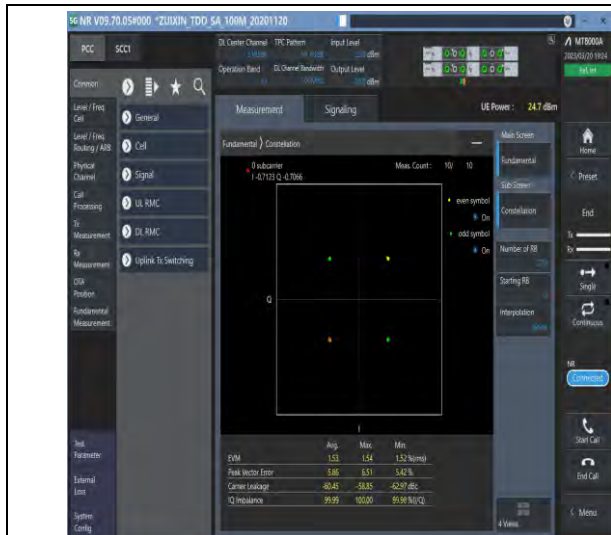
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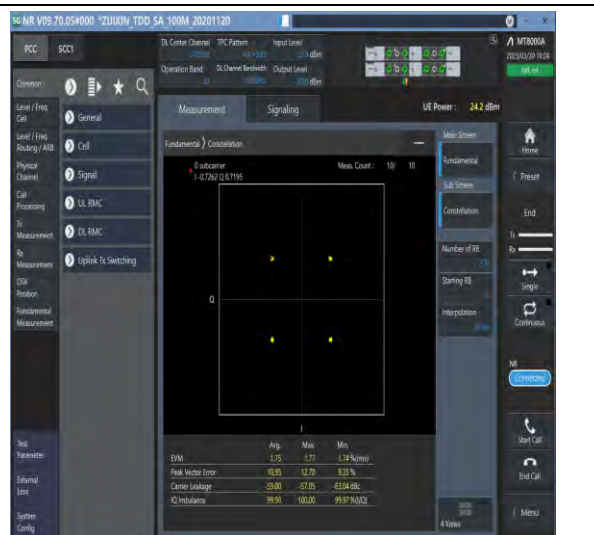
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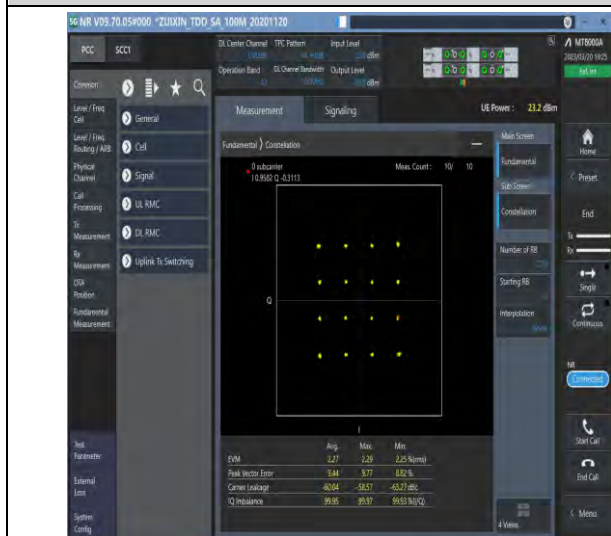
Test Graphs for MIMO



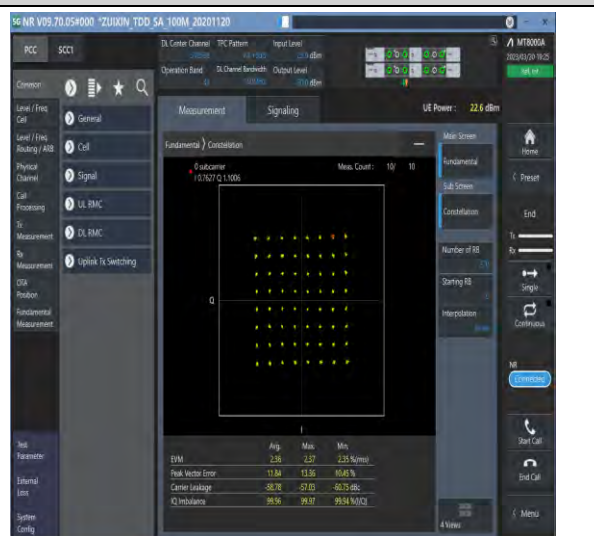
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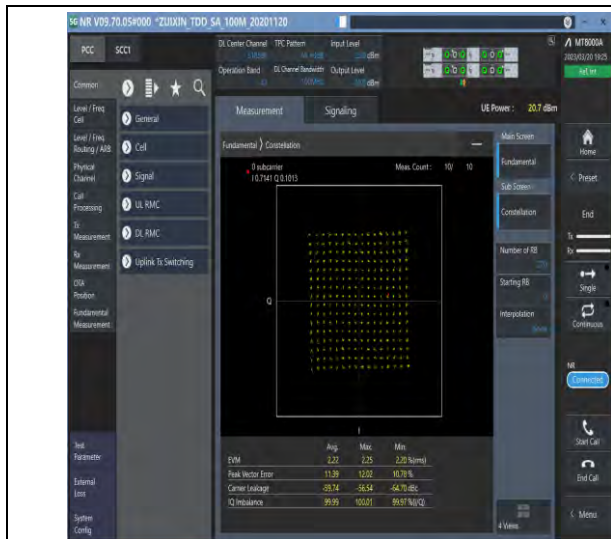
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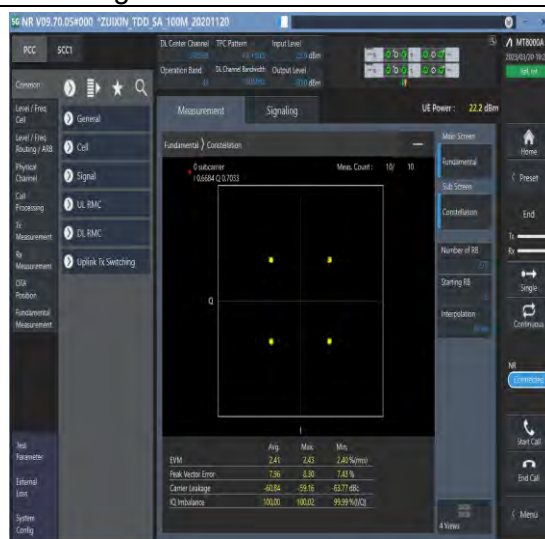
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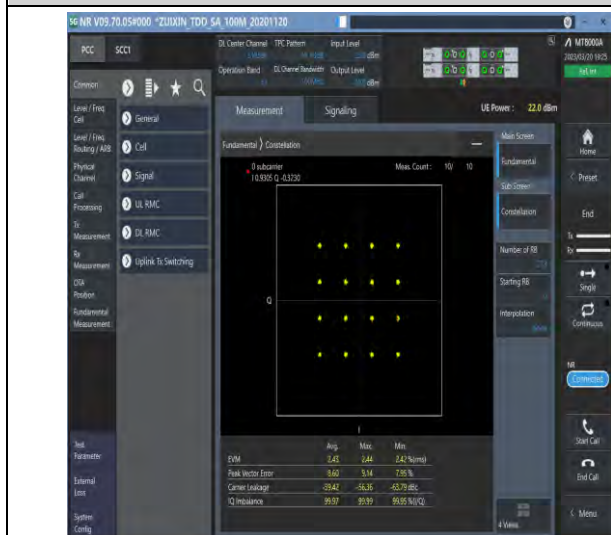
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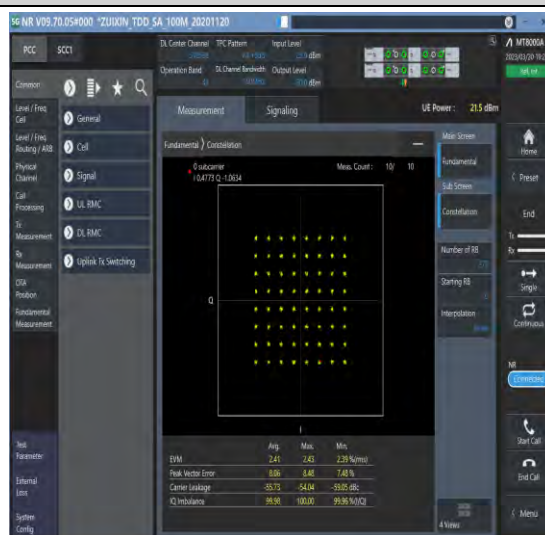
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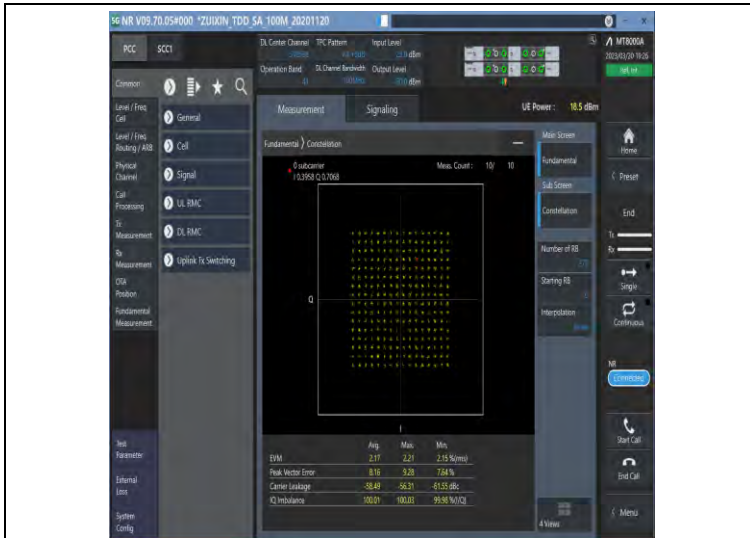


1-N41-30-100-M-8-CP-64QAM-Outer\_Full-273@0-Ant1-see graph-PASS



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1-N41-30-100-M-9-CP-256QAM-Outer\_Full-273@0-Ant1-see graph-PASS



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## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	17.852	19.440	PASS
N41	30	20	DFT-PI2BPSK	L	Outer_Full	17.870	19.440	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	17.851	19.240	PASS
N41	30	20	DFT-64QAM	L	Outer_Full	17.890	19.440	PASS
N41	30	20	DFT-256QAM	L	Outer_Full	17.833	19.240	PASS
N41	30	20	CP-QPSK	L	Outer_Full	18.204	20.280	PASS
N41	30	20	CP-16QAM	L	Outer_Full	18.237	20.120	PASS
N41	30	20	CP-64QAM	L	Outer_Full	18.249	20.160	PASS
N41	30	20	CP-256QAM	L	Outer_Full	18.233	19.320	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.840	19.040	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.855	19.640	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.884	18.800	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.905	19.520	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.861	19.400	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.174	19.480	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.254	20.160	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.273	19.240	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.251	19.960	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	17.856	18.920	PASS
N41	30	20	DFT-PI2BPSK	H	Outer_Full	17.899	19.880	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	17.812	18.560	PASS
N41	30	20	DFT-64QAM	H	Outer_Full	17.915	19.600	PASS
N41	30	20	DFT-256QAM	H	Outer_Full	17.880	19.440	PASS
N41	30	20	CP-QPSK	H	Outer_Full	18.250	20.000	PASS
N41	30	20	CP-16QAM	H	Outer_Full	18.232	19.520	PASS
N41	30	20	CP-64QAM	H	Outer_Full	18.260	20.440	PASS
N41	30	20	CP-256QAM	H	Outer_Full	18.166	19.560	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	26.839	28.860	PASS
N41	30	30	DFT-PI2BPSK	L	Outer_Full	26.845	28.800	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	26.895	28.800	PASS
N41	30	30	DFT-64QAM	L	Outer_Full	26.814	28.740	PASS
N41	30	30	DFT-256QAM	L	Outer_Full	26.823	28.920	PASS



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N41	30	30	CP-QPSK	L	Outer_Full	27.884	30.300	PASS
N41	30	30	CP-16QAM	L	Outer_Full	27.896	29.880	PASS
N41	30	30	CP-64QAM	L	Outer_Full	27.885	30.060	PASS
N41	30	30	CP-256QAM	L	Outer_Full	27.866	29.820	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.841	28.800	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.833	28.860	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.876	28.800	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.850	28.920	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.826	28.800	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.927	30.060	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.906	29.940	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.901	29.880	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.877	29.820	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	26.857	28.980	PASS
N41	30	30	DFT-PI2BPSK	H	Outer_Full	26.858	28.860	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	26.879	28.860	PASS
N41	30	30	DFT-64QAM	H	Outer_Full	26.899	29.100	PASS
N41	30	30	DFT-256QAM	H	Outer_Full	26.816	28.800	PASS
N41	30	30	CP-QPSK	H	Outer_Full	28.008	32.520	PASS
N41	30	30	CP-16QAM	H	Outer_Full	27.942	29.820	PASS
N41	30	30	CP-64QAM	H	Outer_Full	27.920	32.700	PASS
N41	30	30	CP-256QAM	H	Outer_Full	27.888	29.760	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	35.780	38.240	PASS
N41	30	40	DFT-PI2BPSK	L	Outer_Full	35.762	38.080	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	35.785	38.240	PASS
N41	30	40	DFT-64QAM	L	Outer_Full	35.904	38.160	PASS
N41	30	40	DFT-256QAM	L	Outer_Full	35.751	38.080	PASS
N41	30	40	CP-QPSK	L	Outer_Full	37.958	40.320	PASS
N41	30	40	CP-16QAM	L	Outer_Full	37.929	40.480	PASS
N41	30	40	CP-64QAM	L	Outer_Full	37.917	40.480	PASS
N41	30	40	CP-256QAM	L	Outer_Full	37.873	40.000	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.785	38.320	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.792	38.080	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.799	38.240	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.889	38.160	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.787	38.400	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.933	40.240	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.913	40.400	PASS



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N41	30	40	CP-64QAM	M	Outer_Full	37.909	40.560	PASS
N41	30	40	CP-256QAM	M	Outer_Full	37.941	40.400	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	35.796	38.320	PASS
N41	30	40	DFT-PI2BPSK	H	Outer_Full	35.805	38.240	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	35.775	38.240	PASS
N41	30	40	DFT-64QAM	H	Outer_Full	35.908	38.080	PASS
N41	30	40	DFT-256QAM	H	Outer_Full	35.766	38.160	PASS
N41	30	40	CP-QPSK	H	Outer_Full	37.980	40.320	PASS
N41	30	40	CP-16QAM	H	Outer_Full	38.007	44.480	PASS
N41	30	40	CP-64QAM	H	Outer_Full	37.971	40.560	PASS
N41	30	40	CP-256QAM	H	Outer_Full	37.915	40.240	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	45.793	48.000	PASS
N41	30	50	DFT-PI2BPSK	L	Outer_Full	45.709	48.200	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	45.750	48.300	PASS
N41	30	50	DFT-64QAM	L	Outer_Full	45.761	48.200	PASS
N41	30	50	DFT-256QAM	L	Outer_Full	45.722	48.100	PASS
N41	30	50	CP-QPSK	L	Outer_Full	47.505	50.200	PASS
N41	30	50	CP-16QAM	L	Outer_Full	47.490	50.000	PASS
N41	30	50	CP-64QAM	L	Outer_Full	47.489	50.200	PASS
N41	30	50	CP-256QAM	L	Outer_Full	47.416	49.800	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.824	48.300	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.740	48.200	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.750	48.000	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.815	48.400	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.797	48.400	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.515	50.200	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.504	50.100	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.521	50.200	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.449	50.000	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	45.870	48.400	PASS
N41	30	50	DFT-PI2BPSK	H	Outer_Full	45.803	48.400	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	45.749	48.000	PASS
N41	30	50	DFT-64QAM	H	Outer_Full	45.816	48.300	PASS
N41	30	50	DFT-256QAM	H	Outer_Full	45.772	48.400	PASS
N41	30	50	CP-QPSK	H	Outer_Full	47.533	50.100	PASS
N41	30	50	CP-16QAM	H	Outer_Full	47.594	50.500	PASS
N41	30	50	CP-64QAM	H	Outer_Full	47.579	50.300	PASS
N41	30	50	CP-256QAM	H	Outer_Full	47.499	49.900	PASS



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N41	30	60	DFT-QPSK	L	Outer_Full	57.88	60.480	PASS
N41	30	60	DFT-PI2BPSK	L	Outer_Full	57.853	60.360	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	57.965	60.480	PASS
N41	30	60	DFT-64QAM	L	Outer_Full	57.986	60.720	PASS
N41	30	60	DFT-256QAM	L	Outer_Full	57.973	60.480	PASS
N41	30	60	CP-QPSK	L	Outer_Full	57.809	60.480	PASS
N41	30	60	CP-16QAM	L	Outer_Full	57.894	60.360	PASS
N41	30	60	CP-64QAM	L	Outer_Full	57.808	60.360	PASS
N41	30	60	CP-256QAM	L	Outer_Full	57.760	60.480	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.906	60.720	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.914	60.480	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	58.056	60.360	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	58.078	60.840	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	58.071	60.600	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.89	60.600	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.957	60.360	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.884	60.480	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.878	60.360	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	57.893	60.600	PASS
N41	30	60	DFT-PI2BPSK	H	Outer_Full	57.935	60.480	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	57.998	60.360	PASS
N41	30	60	DFT-64QAM	H	Outer_Full	58.032	60.840	PASS
N41	30	60	DFT-256QAM	H	Outer_Full	58.042	60.480	PASS
N41	30	60	CP-QPSK	H	Outer_Full	57.905	60.480	PASS
N41	30	60	CP-16QAM	H	Outer_Full	57.945	60.480	PASS
N41	30	60	CP-64QAM	H	Outer_Full	57.883	60.480	PASS
N41	30	60	CP-256QAM	H	Outer_Full	57.861	60.360	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	64.281	67.060	PASS
N41	30	70	DFT-PI2BPSK	L	Outer_Full	64.137	66.780	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	64.201	66.920	PASS
N41	30	70	DFT-64QAM	L	Outer_Full	64.231	67.200	PASS
N41	30	70	DFT-256QAM	L	Outer_Full	64.272	66.780	PASS
N41	30	70	CP-QPSK	L	Outer_Full	67.529	70.140	PASS
N41	30	70	CP-16QAM	L	Outer_Full	67.458	74.060	PASS
N41	30	70	CP-64QAM	L	Outer_Full	67.323	70.280	PASS
N41	30	70	CP-256QAM	L	Outer_Full	67.441	70.140	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.366	67.060	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.285	67.200	PASS



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N41	30	70	DFT-16QAM	M	Outer_Full	64.321	66.920	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.367	67.060	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.390	67.060	PASS
N41	30	70	CP-QPSK	M	Outer_Full	67.681	70.280	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.574	70.140	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.452	70.280	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.564	70.140	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	64.208	66.640	PASS
N41	30	70	DFT-PI2BPSK	H	Outer_Full	64.141	67.060	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	64.139	66.920	PASS
N41	30	70	DFT-64QAM	H	Outer_Full	64.222	66.920	PASS
N41	30	70	DFT-256QAM	H	Outer_Full	64.263	66.920	PASS
N41	30	70	CP-QPSK	H	Outer_Full	67.59	70.140	PASS
N41	30	70	CP-16QAM	H	Outer_Full	67.436	70.280	PASS
N41	30	70	CP-64QAM	H	Outer_Full	67.296	70.000	PASS
N41	30	70	CP-256QAM	H	Outer_Full	67.450	70.280	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	77.106	80.640	PASS
N41	30	80	DFT-PI2BPSK	L	Outer_Full	77.117	81.120	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	77.002	80.800	PASS
N41	30	80	DFT-64QAM	L	Outer_Full	77.102	80.640	PASS
N41	30	80	DFT-256QAM	L	Outer_Full	77.112	80.640	PASS
N41	30	80	CP-QPSK	L	Outer_Full	77.614	80.960	PASS
N41	30	80	CP-16QAM	L	Outer_Full	77.597	81.280	PASS
N41	30	80	CP-64QAM	L	Outer_Full	77.325	81.120	PASS
N41	30	80	CP-256QAM	L	Outer_Full	77.393	80.960	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.343	80.800	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.284	80.960	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	77.402	80.960	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.320	80.960	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.329	80.800	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.817	81.120	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.774	81.440	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.541	81.120	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.58	81.120	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	77.249	80.800	PASS
N41	30	80	DFT-PI2BPSK	H	Outer_Full	77.278	80.800	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	77.227	80.800	PASS
N41	30	80	DFT-64QAM	H	Outer_Full	77.104	80.640	PASS



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N41	30	80	DFT-256QAM	H	Outer_Full	77.138	80.640	PASS
N41	30	80	CP-QPSK	H	Outer_Full	77.642	81.280	PASS
N41	30	80	CP-16QAM	H	Outer_Full	77.635	81.120	PASS
N41	30	80	CP-64QAM	H	Outer_Full	77.420	81.120	PASS
N41	30	80	CP-256QAM	H	Outer_Full	77.428	81.280	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	85.441	89.460	PASS
N41	30	90	DFT-PI2BPSK	L	Outer_Full	85.476	89.460	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	85.397	89.280	PASS
N41	30	90	DFT-64QAM	L	Outer_Full	85.665	89.460	PASS
N41	30	90	DFT-256QAM	L	Outer_Full	85.449	89.280	PASS
N41	30	90	CP-QPSK	L	Outer_Full	87.299	91.080	PASS
N41	30	90	CP-16QAM	L	Outer_Full	87.251	91.260	PASS
N41	30	90	CP-64QAM	L	Outer_Full	87.293	91.080	PASS
N41	30	90	CP-256QAM	L	Outer_Full	87.078	91.260	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.712	89.460	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.810	89.640	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.824	89.640	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.900	89.640	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.694	89.460	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.608	91.260	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.532	91.260	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.613	91.260	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.423	91.260	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	85.464	89.460	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	85.458	89.460	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	85.585	89.460	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	85.738	89.460	PASS
N41	30	90	DFT-256QAM	H	Outer_Full	85.446	89.100	PASS
N41	30	90	CP-QPSK	H	Outer_Full	87.408	91.440	PASS
N41	30	90	CP-16QAM	H	Outer_Full	87.387	91.080	PASS
N41	30	90	CP-64QAM	H	Outer_Full	87.407	91.080	PASS
N41	30	90	CP-256QAM	H	Outer_Full	87.188	91.260	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	96.152	100.200	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	96.126	100.400	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	96.106	100.400	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	96.102	100.200	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	96.275	100.200	PASS
N41	30	100	CP-QPSK	L	Outer_Full	97.267	101.200	PASS



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N41	30	100	CP-16QAM	L	Outer_Full	97.464	101.400	PASS
N41	30	100	CP-64QAM	L	Outer_Full	97.370	101.400	PASS
N41	30	100	CP-256QAM	L	Outer_Full	97.243	101.200	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.451	100.400	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.418	100.600	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.383	100.600	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.405	100.400	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.592	100.400	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.551	101.400	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.703	101.800	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.656	101.400	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.512	101.200	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	96.157	100.200	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	96.166	100.200	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	96.149	100.200	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	96.112	100.200	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	96.355	100.200	PASS
N41	30	100	CP-QPSK	H	Outer_Full	97.300	101.400	PASS
N41	30	100	CP-16QAM	H	Outer_Full	97.499	101.600	PASS
N41	30	100	CP-64QAM	H	Outer_Full	97.459	101.400	PASS
N41	30	100	CP-256QAM	H	Outer_Full	97.270	101.200	PASS



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**Test Result for MIMO**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	17.835	19.480	PASS
N41	30	20	DFT-PI2BPSK	L	Outer_Full	17.782	19.400	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	17.833	19.120	PASS
N41	30	20	DFT-64QAM	L	Outer_Full	17.760	19.240	PASS
N41	30	20	DFT-256QAM	L	Outer_Full	17.786	18.960	PASS
N41	30	20	CP-QPSK	L	Outer_Full	18.145	19.440	PASS
N41	30	20	CP-16QAM	L	Outer_Full	18.230	19.560	PASS
N41	30	20	CP-64QAM	L	Outer_Full	18.237	19.800	PASS
N41	30	20	CP-256QAM	L	Outer_Full	18.211	19.440	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.746	18.880	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.855	19.040	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.839	19.080	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.797	19.160	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.745	18.840	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.241	19.480	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.283	19.360	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.276	19.520	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.213	19.640	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	17.839	18.800	PASS
N41	30	20	DFT-PI2BPSK	H	Outer_Full	17.887	18.920	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	17.959	19.040	PASS
N41	30	20	DFT-64QAM	H	Outer_Full	17.865	19.040	PASS
N41	30	20	DFT-256QAM	H	Outer_Full	17.790	18.840	PASS
N41	30	20	CP-QPSK	H	Outer_Full	18.255	19.400	PASS
N41	30	20	CP-16QAM	H	Outer_Full	18.243	19.320	PASS
N41	30	20	CP-64QAM	H	Outer_Full	18.249	19.520	PASS
N41	30	20	CP-256QAM	H	Outer_Full	18.226	19.400	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	26.711	28.020	PASS
N41	30	30	DFT-PI2BPSK	L	Outer_Full	26.676	28.320	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	26.810	28.140	PASS
N41	30	30	DFT-64QAM	L	Outer_Full	26.715	28.200	PASS
N41	30	30	DFT-256QAM	L	Outer_Full	26.697	27.900	PASS
N41	30	30	CP-QPSK	L	Outer_Full	27.922	29.400	PASS



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N41	30	30	CP-16QAM	L	Outer_Full	27.820	29.160	PASS
N41	30	30	CP-64QAM	L	Outer_Full	27.871	30.120	PASS
N41	30	30	CP-256QAM	L	Outer_Full	27.770	29.460	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.752	27.780	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.797	28.440	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.769	28.200	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.795	28.200	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.873	28.380	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.893	29.340	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.837	29.520	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.935	29.520	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.905	29.280	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	26.844	28.440	PASS
N41	30	30	DFT-PI2BPSK	H	Outer_Full	26.712	27.840	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	26.699	28.380	PASS
N41	30	30	DFT-64QAM	H	Outer_Full	26.725	28.440	PASS
N41	30	30	DFT-256QAM	H	Outer_Full	26.915	28.620	PASS
N41	30	30	CP-QPSK	H	Outer_Full	27.920	29.280	PASS
N41	30	30	CP-16QAM	H	Outer_Full	27.822	29.940	PASS
N41	30	30	CP-64QAM	H	Outer_Full	27.829	30.360	PASS
N41	30	30	CP-256QAM	H	Outer_Full	27.838	29.760	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	35.811	37.360	PASS
N41	30	40	DFT-PI2BPSK	L	Outer_Full	35.716	37.840	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	35.708	37.520	PASS
N41	30	40	DFT-64QAM	L	Outer_Full	35.769	37.920	PASS
N41	30	40	DFT-256QAM	L	Outer_Full	35.754	38.000	PASS
N41	30	40	CP-QPSK	L	Outer_Full	37.771	39.680	PASS
N41	30	40	CP-16QAM	L	Outer_Full	37.838	39.840	PASS
N41	30	40	CP-64QAM	L	Outer_Full	37.848	39.760	PASS
N41	30	40	CP-256QAM	L	Outer_Full	37.878	39.760	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.677	37.280	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.731	37.520	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.708	37.680	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.705	37.520	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.753	37.440	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.886	39.600	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.915	39.840	PASS
N41	30	40	CP-64QAM	M	Outer_Full	37.929	39.760	PASS



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N41	30	40	CP-256QAM	M	Outer_Full	37.865	39.440	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	35.661	37.280	PASS
N41	30	40	DFT-PI2BPSK	H	Outer_Full	35.710	37.680	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	35.685	37.440	PASS
N41	30	40	DFT-64QAM	H	Outer_Full	35.818	37.680	PASS
N41	30	40	DFT-256QAM	H	Outer_Full	35.736	37.520	PASS
N41	30	40	CP-QPSK	H	Outer_Full	37.885	39.840	PASS
N41	30	40	CP-16QAM	H	Outer_Full	37.832	40.000	PASS
N41	30	40	CP-64QAM	H	Outer_Full	37.741	39.680	PASS
N41	30	40	CP-256QAM	H	Outer_Full	37.852	39.840	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	45.726	47.600	PASS
N41	30	50	DFT-PI2BPSK	L	Outer_Full	45.713	47.900	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	45.601	47.400	PASS
N41	30	50	DFT-64QAM	L	Outer_Full	45.565	47.400	PASS
N41	30	50	DFT-256QAM	L	Outer_Full	45.535	47.600	PASS
N41	30	50	CP-QPSK	L	Outer_Full	47.552	49.200	PASS
N41	30	50	CP-16QAM	L	Outer_Full	47.359	49.800	PASS
N41	30	50	CP-64QAM	L	Outer_Full	47.493	49.400	PASS
N41	30	50	CP-256QAM	L	Outer_Full	47.512	49.400	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.687	47.700	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.725	48.100	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.741	47.400	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.792	47.500	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.789	47.300	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.370	49.300	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.401	49.400	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.298	49.700	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.488	49.500	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	45.740	47.400	PASS
N41	30	50	DFT-PI2BPSK	H	Outer_Full	45.750	47.900	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	45.831	47.600	PASS
N41	30	50	DFT-64QAM	H	Outer_Full	45.784	47.800	PASS
N41	30	50	DFT-256QAM	H	Outer_Full	45.487	47.500	PASS
N41	30	50	CP-QPSK	H	Outer_Full	47.470	49.300	PASS
N41	30	50	CP-16QAM	H	Outer_Full	47.419	49.400	PASS
N41	30	50	CP-64QAM	H	Outer_Full	47.467	49.300	PASS
N41	30	50	CP-256QAM	H	Outer_Full	47.321	49.300	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	57.815	60.240	PASS



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N41	30	60	DFT-PI2BPSK	L	Outer_Full	57.932	60.120	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	57.872	60.120	PASS
N41	30	60	DFT-64QAM	L	Outer_Full	57.906	59.880	PASS
N41	30	60	DFT-256QAM	L	Outer_Full	57.711	59.760	PASS
N41	30	60	CP-QPSK	L	Outer_Full	57.635	60.000	PASS
N41	30	60	CP-16QAM	L	Outer_Full	57.902	60.000	PASS
N41	30	60	CP-64QAM	L	Outer_Full	57.891	59.760	PASS
N41	30	60	CP-256QAM	L	Outer_Full	57.748	59.640	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.802	60.120	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.895	60.000	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.880	59.880	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.779	59.520	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.803	60.000	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.764	59.760	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.525	60.000	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.761	59.880	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.841	59.640	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	57.576	59.640	PASS
N41	30	60	DFT-PI2BPSK	H	Outer_Full	57.755	60.000	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	57.889	59.880	PASS
N41	30	60	DFT-64QAM	H	Outer_Full	57.913	59.640	PASS
N41	30	60	DFT-256QAM	H	Outer_Full	57.855	60.240	PASS
N41	30	60	CP-QPSK	H	Outer_Full	57.748	59.880	PASS
N41	30	60	CP-16QAM	H	Outer_Full	57.696	59.880	PASS
N41	30	60	CP-64QAM	H	Outer_Full	57.894	60.120	PASS
N41	30	60	CP-256QAM	H	Outer_Full	57.747	60.120	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	64.285	66.500	PASS
N41	30	70	DFT-PI2BPSK	L	Outer_Full	64.228	66.360	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	64.243	66.080	PASS
N41	30	70	DFT-64QAM	L	Outer_Full	64.268	66.220	PASS
N41	30	70	DFT-256QAM	L	Outer_Full	64.278	66.500	PASS
N41	30	70	CP-QPSK	L	Outer_Full	67.286	69.860	PASS
N41	30	70	CP-16QAM	L	Outer_Full	67.329	69.720	PASS
N41	30	70	CP-64QAM	L	Outer_Full	67.541	69.440	PASS
N41	30	70	CP-256QAM	L	Outer_Full	67.122	69.440	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.158	66.360	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.280	66.360	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	64.191	66.360	PASS



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N41	30	70	DFT-64QAM	M	Outer_Full	64.239	66.220	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.142	66.220	PASS
N41	30	70	CP-QPSK	M	Outer_Full	67.420	69.720	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.341	69.440	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.012	69.440	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.337	69.440	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	64.302	66.780	PASS
N41	30	70	DFT-PI2BPSK	H	Outer_Full	64.407	66.220	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	64.399	66.360	PASS
N41	30	70	DFT-64QAM	H	Outer_Full	64.187	66.360	PASS
N41	30	70	DFT-256QAM	H	Outer_Full	64.280	66.220	PASS
N41	30	70	CP-QPSK	H	Outer_Full	67.437	69.580	PASS
N41	30	70	CP-16QAM	H	Outer_Full	67.254	69.440	PASS
N41	30	70	CP-64QAM	H	Outer_Full	67.492	69.580	PASS
N41	30	70	CP-256QAM	H	Outer_Full	67.261	69.440	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	76.997	80.160	PASS
N41	30	80	DFT-PI2BPSK	L	Outer_Full	77.072	80.320	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	77.334	80.000	PASS
N41	30	80	DFT-64QAM	L	Outer_Full	77.011	80.320	PASS
N41	30	80	DFT-256QAM	L	Outer_Full	77.229	80.320	PASS
N41	30	80	CP-QPSK	L	Outer_Full	77.294	80.800	PASS
N41	30	80	CP-16QAM	L	Outer_Full	77.423	80.640	PASS
N41	30	80	CP-64QAM	L	Outer_Full	77.410	80.640	PASS
N41	30	80	CP-256QAM	L	Outer_Full	77.339	80.640	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.100	80.320	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.078	80.320	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	77.170	80.480	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	76.947	80.320	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.367	80.320	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.466	80.480	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.601	80.800	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.371	80.800	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.206	80.640	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	77.154	80.480	PASS
N41	30	80	DFT-PI2BPSK	H	Outer_Full	77.105	80.320	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	77.109	80.320	PASS
N41	30	80	DFT-64QAM	H	Outer_Full	76.985	80.480	PASS
N41	30	80	DFT-256QAM	H	Outer_Full	77.233	80.480	PASS



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N41	30	80	CP-QPSK	H	Outer_Full	77.459	80.800	PASS
N41	30	80	CP-16QAM	H	Outer_Full	77.417	81.120	PASS
N41	30	80	CP-64QAM	H	Outer_Full	77.331	80.480	PASS
N41	30	80	CP-256QAM	H	Outer_Full	77.356	80.480	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	85.565	89.100	PASS
N41	30	90	DFT-PI2BPSK	L	Outer_Full	85.803	88.920	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	85.536	88.740	PASS
N41	30	90	DFT-64QAM	L	Outer_Full	85.565	88.920	PASS
N41	30	90	DFT-256QAM	L	Outer_Full	85.537	88.740	PASS
N41	30	90	CP-QPSK	L	Outer_Full	87.268	90.540	PASS
N41	30	90	CP-16QAM	L	Outer_Full	87.436	90.720	PASS
N41	30	90	CP-64QAM	L	Outer_Full	87.211	90.720	PASS
N41	30	90	CP-256QAM	L	Outer_Full	87.290	90.720	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.656	89.100	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.335	88.920	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.465	88.920	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.533	88.920	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.537	88.920	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.255	90.720	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.391	90.720	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.387	90.720	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.365	90.720	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	85.556	89.280	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	85.708	88.920	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	85.848	88.920	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	85.612	88.920	PASS
N41	30	90	DFT-256QAM	H	Outer_Full	85.758	88.920	PASS
N41	30	90	CP-QPSK	H	Outer_Full	87.523	90.540	PASS
N41	30	90	CP-16QAM	H	Outer_Full	87.449	90.720	PASS
N41	30	90	CP-64QAM	H	Outer_Full	87.223	90.720	PASS
N41	30	90	CP-256QAM	H	Outer_Full	87.496	90.720	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	96.163	99.800	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	96.359	99.600	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	96.463	99.800	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	96.024	100.000	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	96.359	99.800	PASS
N41	30	100	CP-QPSK	L	Outer_Full	97.299	100.800	PASS
N41	30	100	CP-16QAM	L	Outer_Full	97.279	100.800	PASS



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N41	30	100	CP-64QAM	L	Outer_Full	97.074	101.000	PASS
N41	30	100	CP-256QAM	L	Outer_Full	97.527	100.800	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.104	99.800	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.468	99.600	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.359	99.400	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.075	99.800	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.340	100.000	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.259	100.800	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.417	101.000	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.135	101.000	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.432	101.000	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	96.233	99.800	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	96.469	99.800	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	96.236	99.800	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	96.233	100.000	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	96.461	99.400	PASS
N41	30	100	CP-QPSK	H	Outer_Full	97.523	100.800	PASS
N41	30	100	CP-16QAM	H	Outer_Full	97.492	101.200	PASS
N41	30	100	CP-64QAM	H	Outer_Full	97.092	100.600	PASS
N41	30	100	CP-256QAM	H	Outer_Full	97.179	100.800	PASS



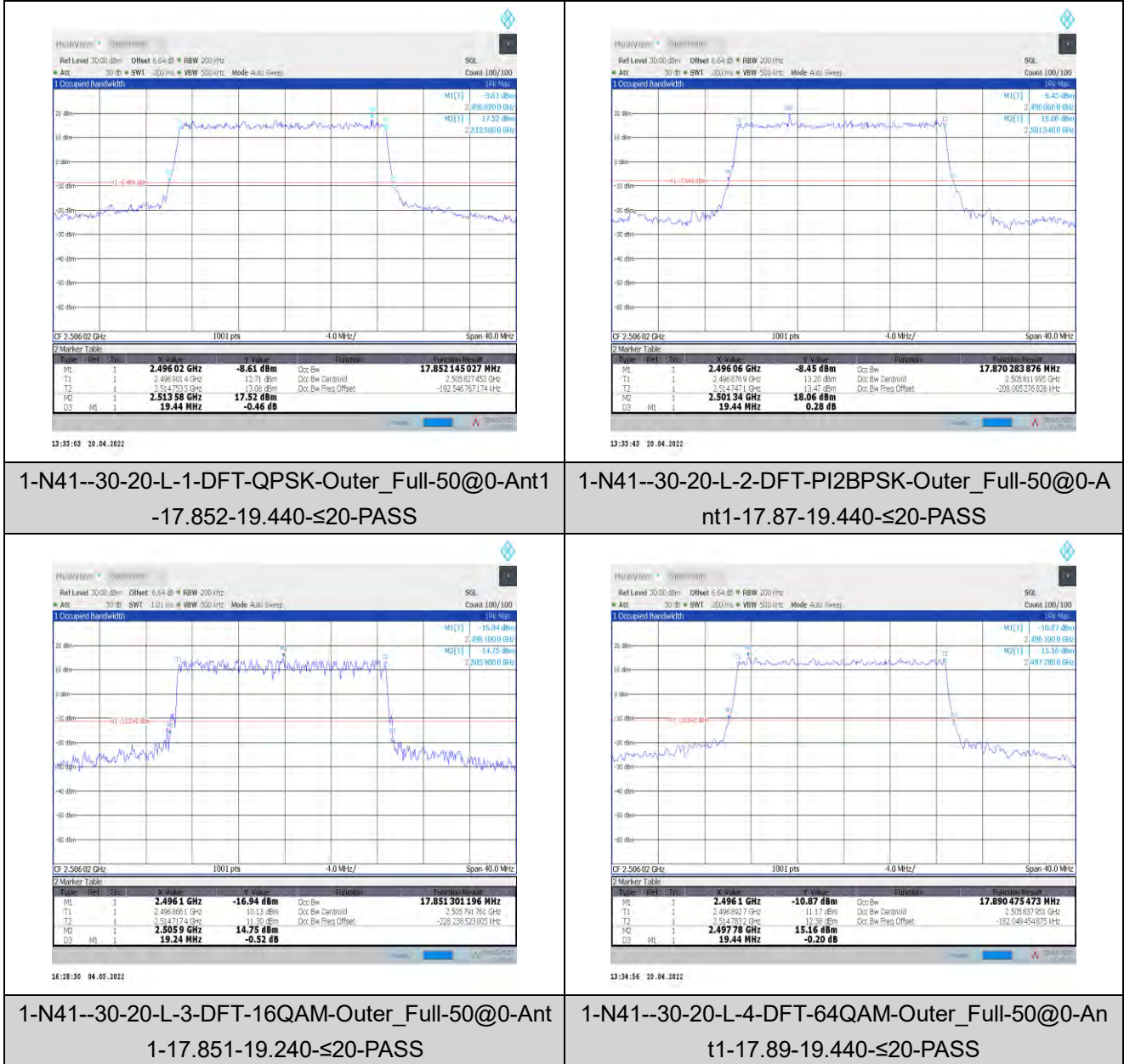
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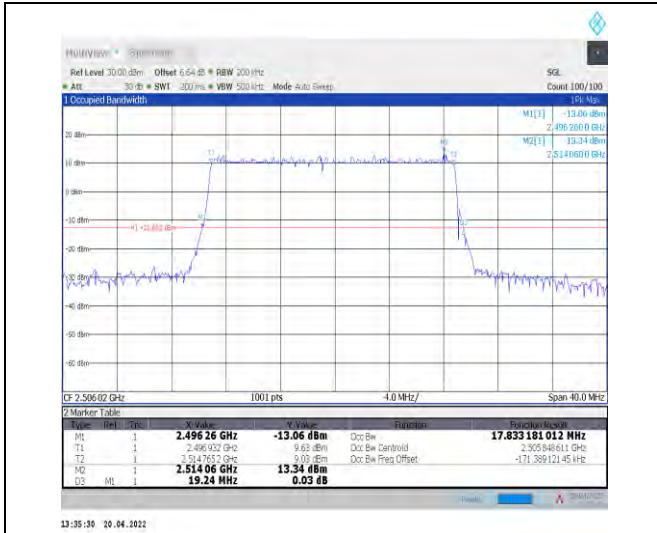
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Test Graphs



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1-N41--30-20-L-5-DFT-256QAM-Outer\_Full-50@0-A  
 nt1-17.833-19.240-≤20-PASS



1-N41--30-20-L-6-CP-QPSK-Outer\_Full-51@0-Ant1-  
 18.204-20.280-≤20-PASS



1-N41--30-20-L-7-CP-16QAM-Outer\_Full-51@0-Ant1  
 -18.237-20.120-≤20-PASS



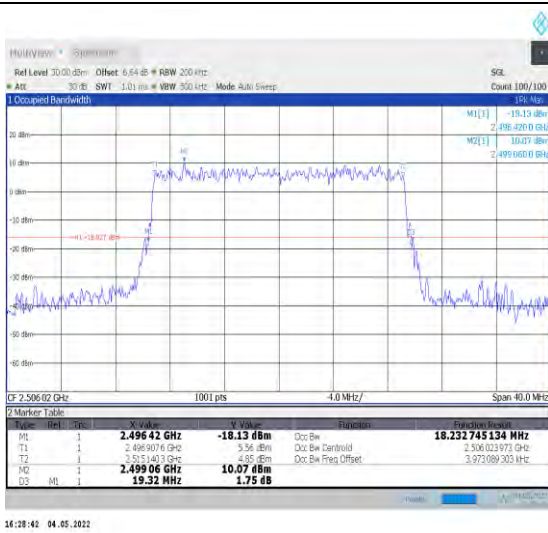
1-N41--30-20-L-8-CP-64QAM-Outer\_Full-51@0-Ant  
 1-18.249-20.160-≤20-PASS



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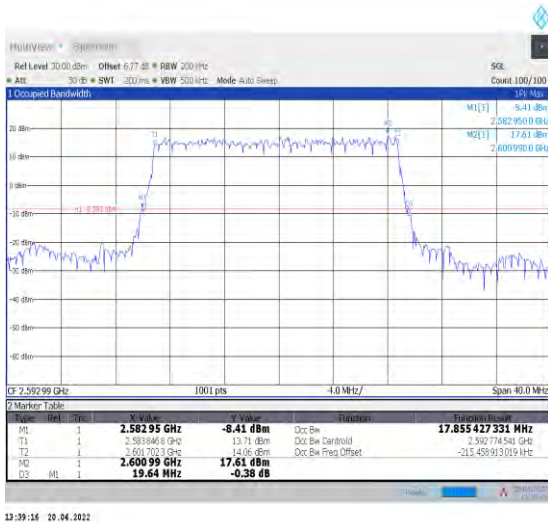
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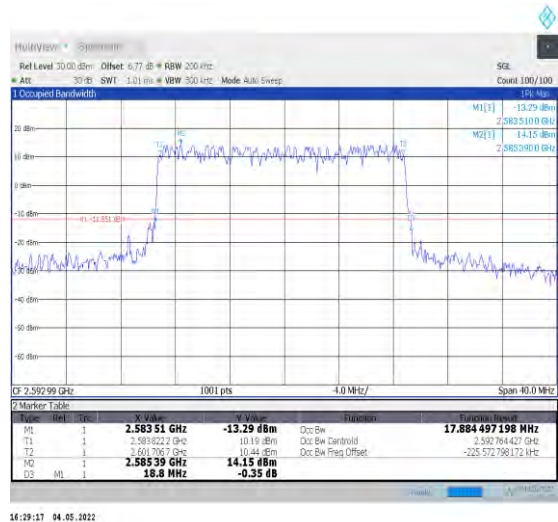
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 1-18.233-19.320-≤20-PASS



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 1-17.84-19.040-≤20-PASS



1-N41--30-20-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant  
 1-17.855-19.640-≤20-PASS



1-N41--30-20-M-3-DFT-16QAM-Outer\_Full-50@0-Ant  
 1-17.884-18.800-≤20-PASS



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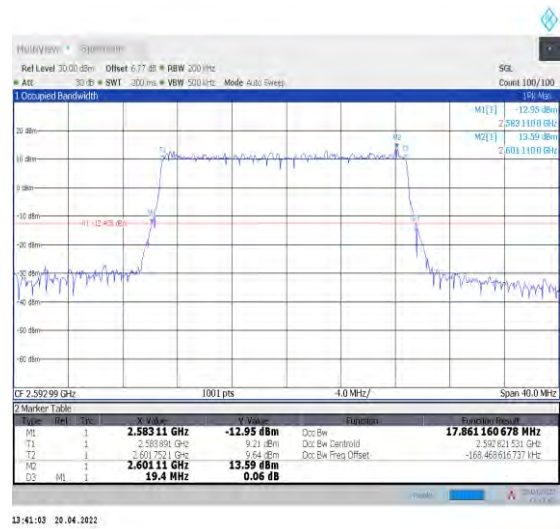
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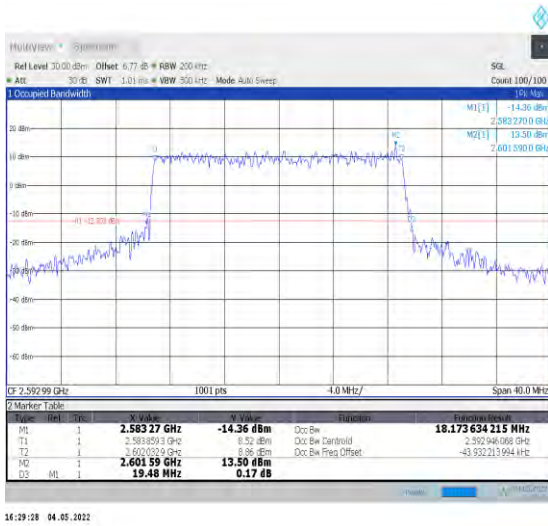




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1-N41--30-20-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-17.861-19.400-<=20-PASS



1-N41--30-20-M-6-CP-QPSK-Outer\_Full-51@0-Ant1-18.174-19.480-<=20-PASS



1-N41--30-20-M-7-CP-16QAM-Outer\_Full-51@0-Ant 1-18.254-20.160-<=20-PASS

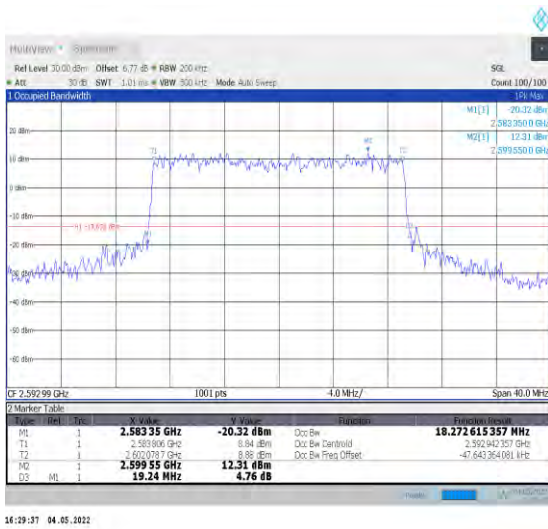


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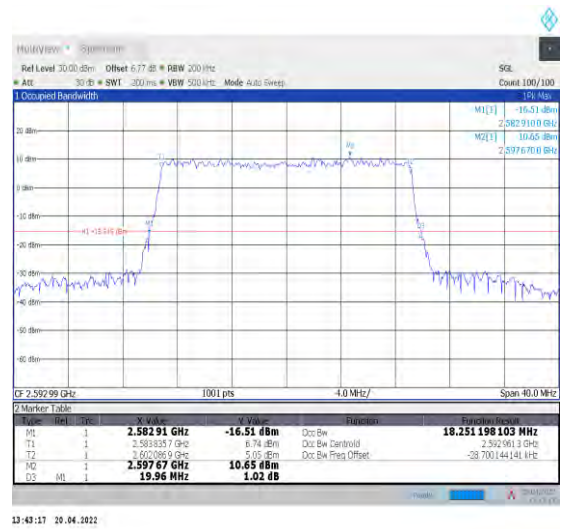
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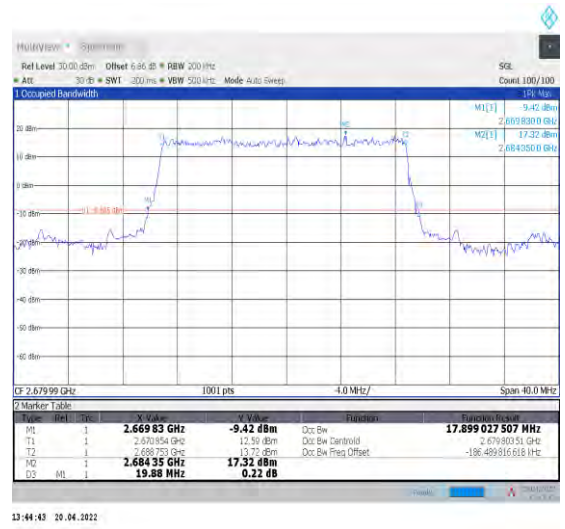
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1-N41--30-20-M-9-CP-256QAM-Outer\_Full-51@0-Ant  
 1-18.251-19.960-≤20-PASS



1-N41--30-20-H-1-DFT-QPSK-Outer\_Full-50@0-Ant  
 1-17.856-18.920-≤20-PASS

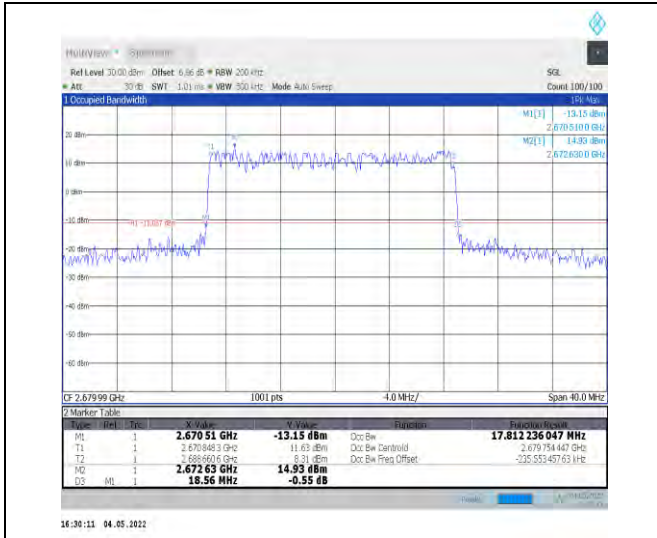


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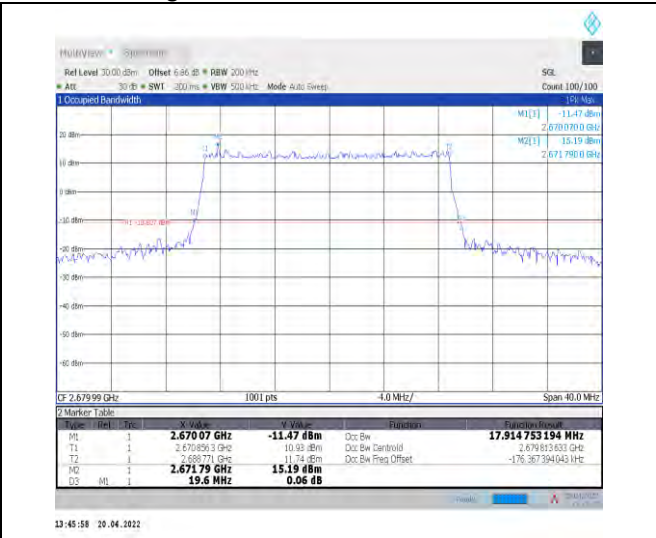


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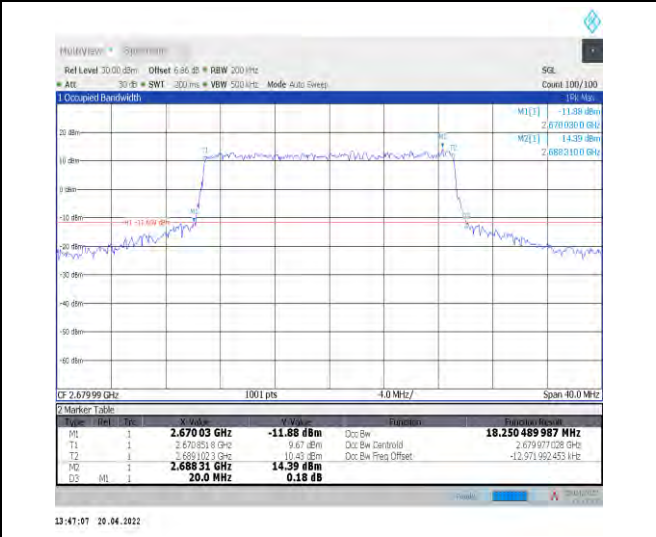
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1-N41--30-20-H-4-DFT-64QAM-Outer\_Full-50@0-An  
t1-17.915-19.600-≤20-PASS



1-N41--30-20-H-5-DFT-256QAM-Outer\_Full-50@0-A  
nt1-17.88-19.440-≤20-PASS



1-N41--30-20-H-6-CP-QPSK-Outer\_Full-51@0-Ant1-  
18.25-20.000-≤20-PASS



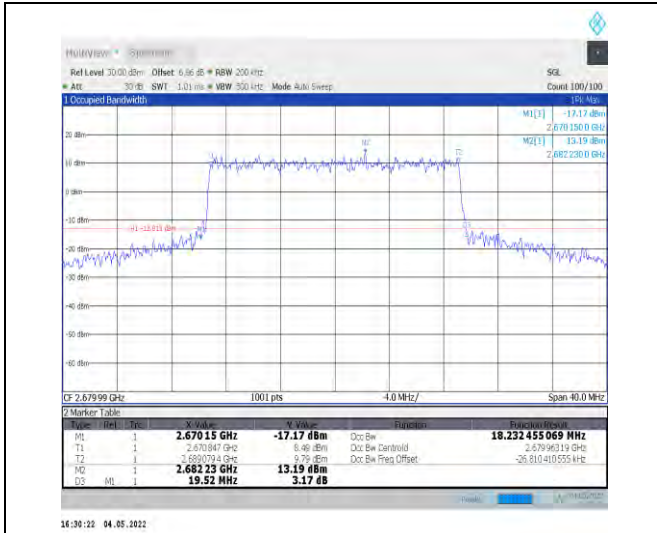
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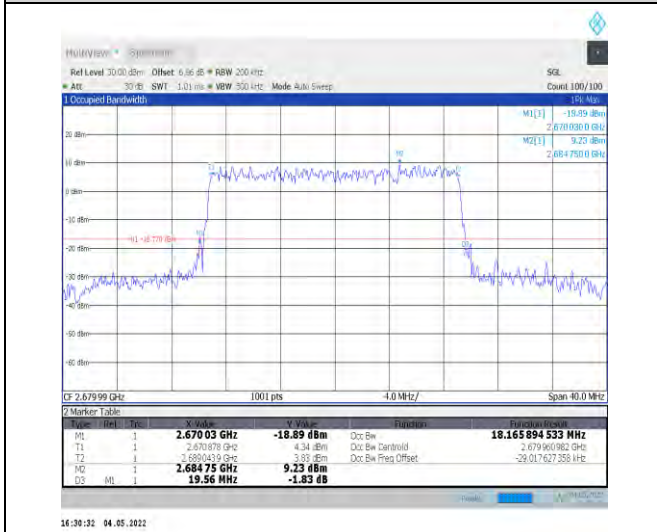




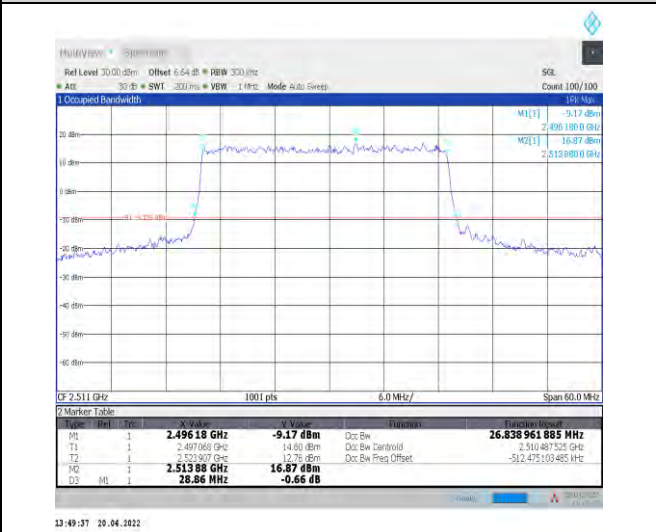
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1-N41--30-20-H-8-CP-64QAM-Outer\_Full-51@0-Ant  
1-18.26-20.440-≤20-PASS



1-N41--30-20-H-9-CP-256QAM-Outer\_Full-51@0-Ant  
t1-18.166-19.560-≤20-PASS



1-N41--30-30-L-1-DFT-QPSK-Outer\_Full-75@0-Ant1  
-26.839-28.860-≤30-PASS



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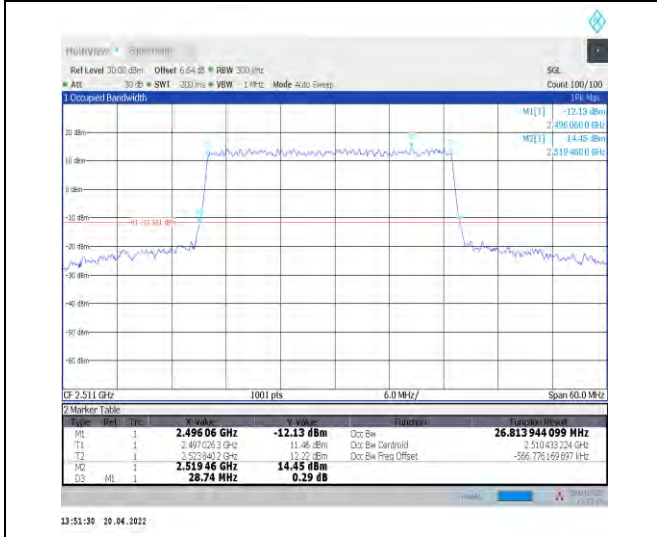




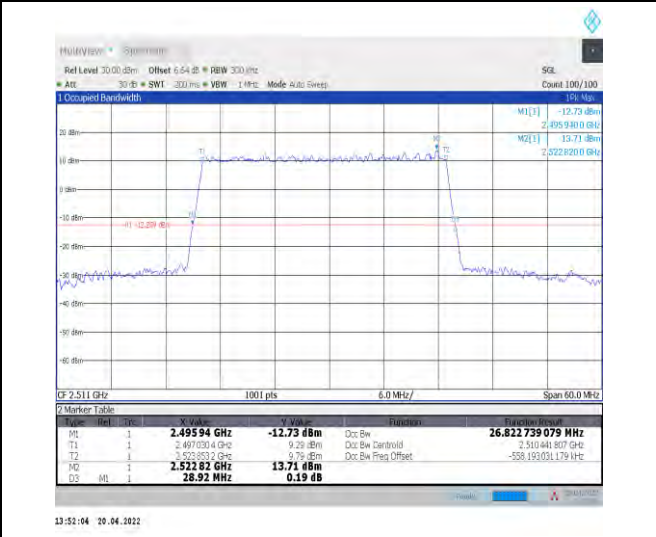
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t1-26.895-28.800-≤30-PASS



1-N41--30-30-L-4-DFT-64QAM-Outer\_Full-75@0-Ant  
1-26.814-28.740-≤30-PASS



1-N41--30-30-L-5-DFT-256QAM-Outer\_Full-75@0-A  
nt1-26.823-28.920-≤30-PASS



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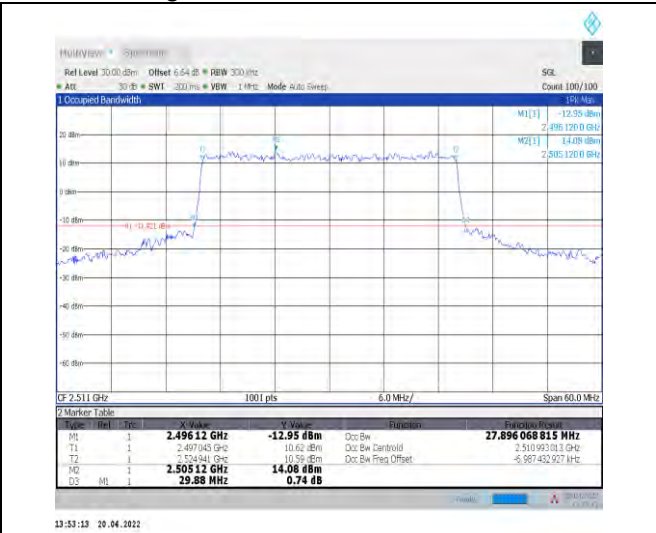
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1-N41--30-30-L-7-CP-16QAM-Outer\_Full-78@0-Ant1-27.896-29.880-<=30-PASS



1-N41--30-30-L-8-CP-64QAM-Outer\_Full-78@0-Ant1-27.885-30.060-<=30-PASS



1-N41--30-30-L-9-CP-256QAM-Outer\_Full-78@0-Ant1-27.866-29.820-<=30-PASS







1-N41--30-30-M-1-DFT-QPSK-Outer\_Full-75@0-Ant  
 1-26.841-28.800-≤30-PASS



1-N41--30-30-M-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant  
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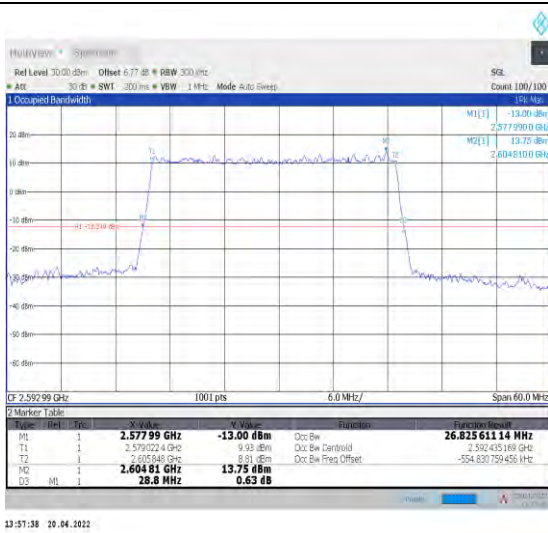
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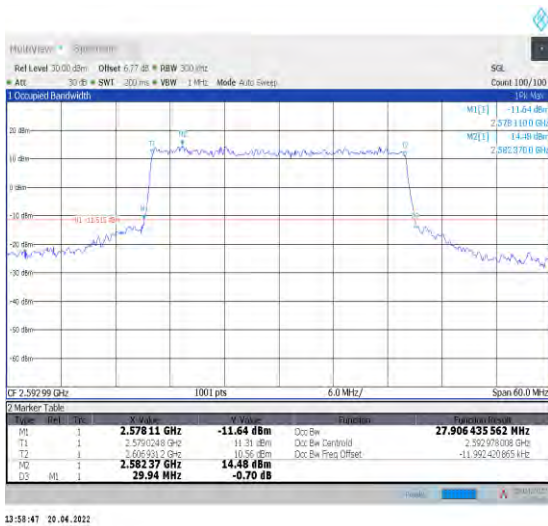




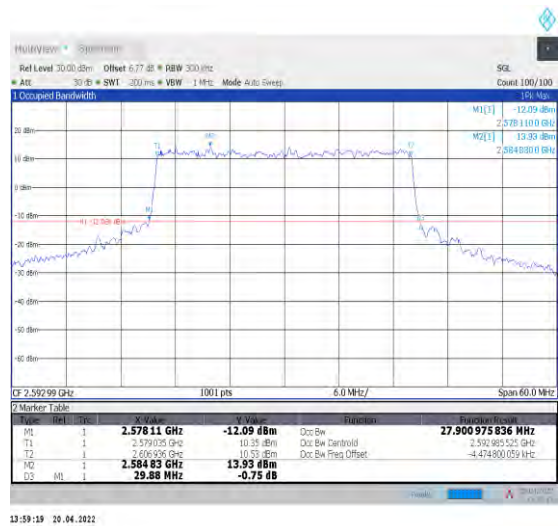
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 -27.927-30.060-≤30-PASS



1-N41--30-30-M-7-CP-16QAM-Outer\_Full-78@0-Ant  
 1-27.906-29.940-≤30-PASS



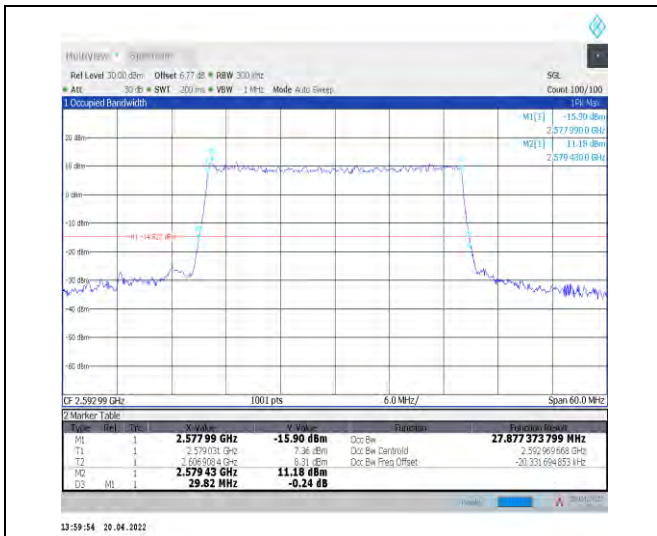
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 1-27.901-29.880-≤30-PASS



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t1-27.877-29.820-≤30-PASS



1-N41--30-30-H-1-DFT-QPSK-Outer\_Full-75@0-Ant  
1-26.857-28.980-≤30-PASS



1-N41--30-30-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant  
1-26.858-28.860-≤30-PASS



1-N41--30-30-H-3-DFT-16QAM-Outer\_Full-75@0-Ant  
t1-26.879-28.860-≤30-PASS



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