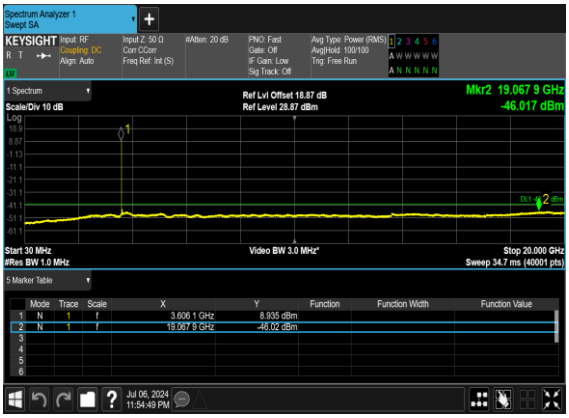
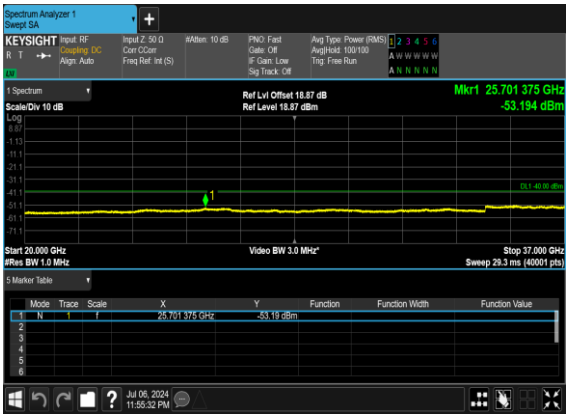
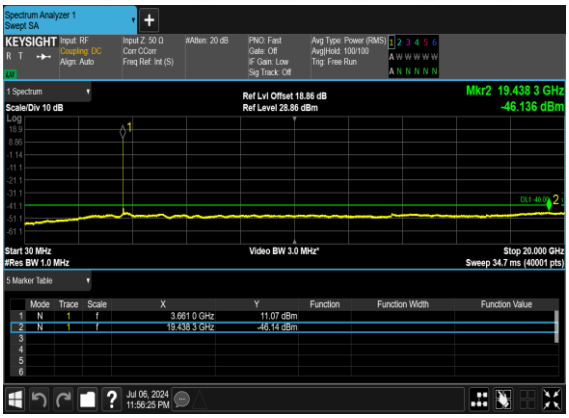
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



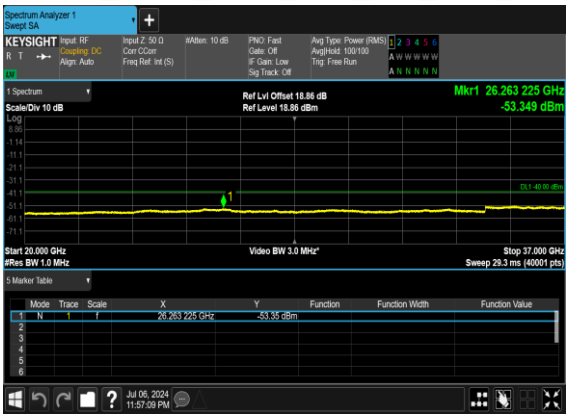
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



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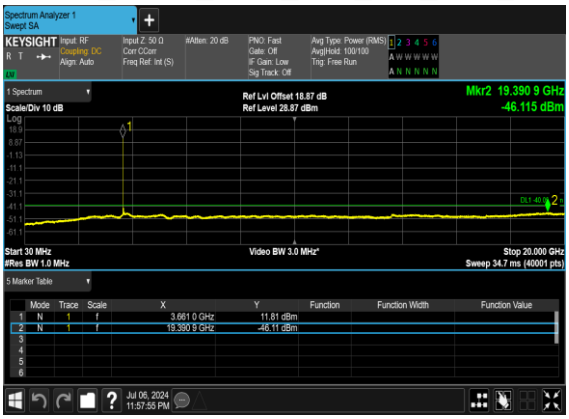
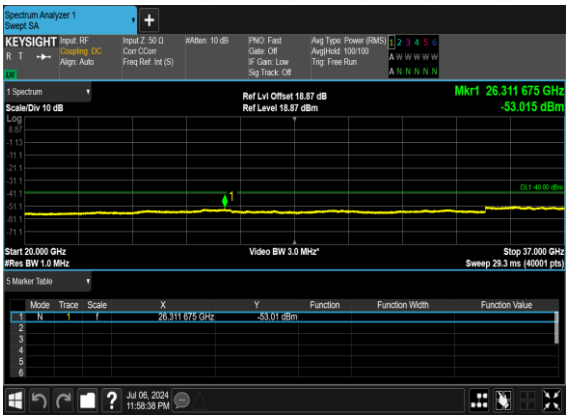


N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

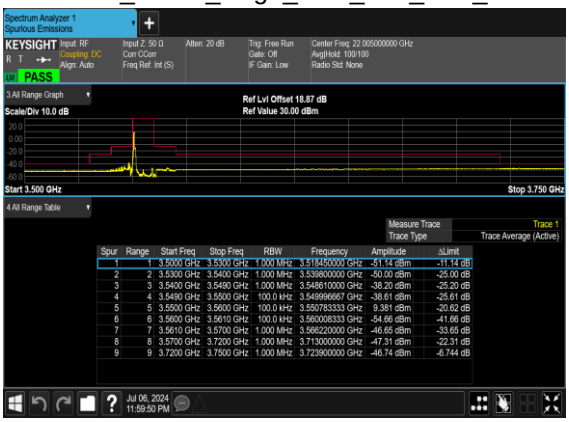


Conducted Band Edge

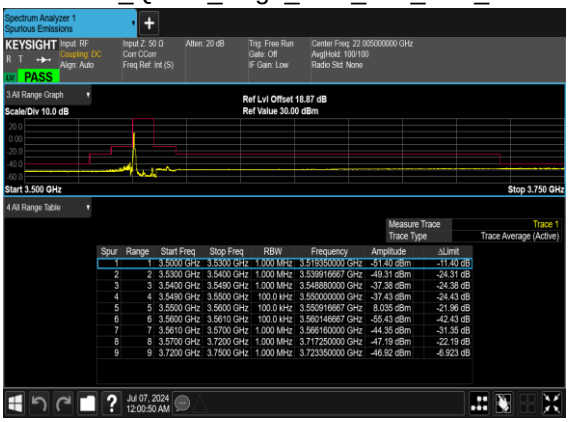
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	1@23	see graph	**PASS**
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@23	see graph	**PASS**
48	30	10	637000	3555.0	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	1@23	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@23	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	1@23	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@23	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM BPSK	24@0	see graph	**PASS**
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	24@0	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
48	30	20	641666	3624.99	DFT-s-OFDM BPSK	50@0	see graph	**PASS**

48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM BPSK	1@50	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	1@50	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	100@0	see graph	**PASS**

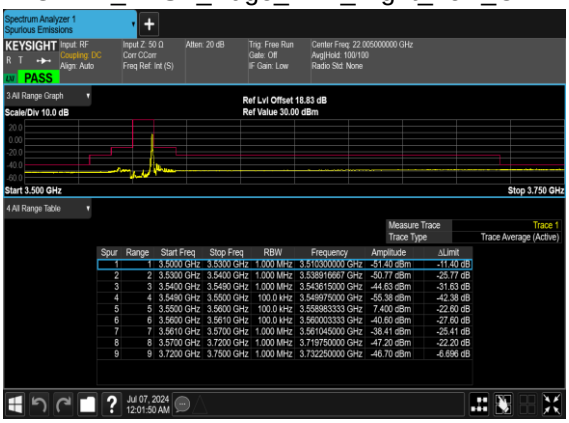
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



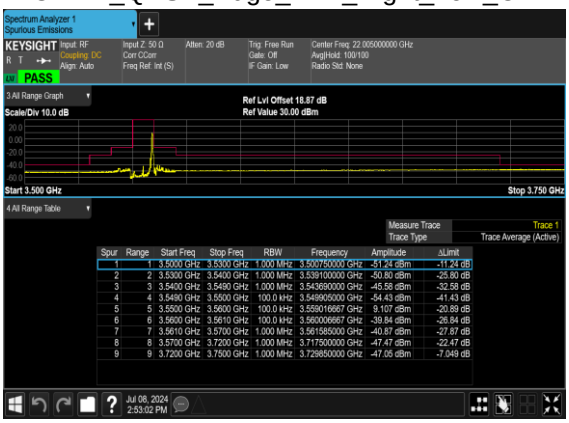
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



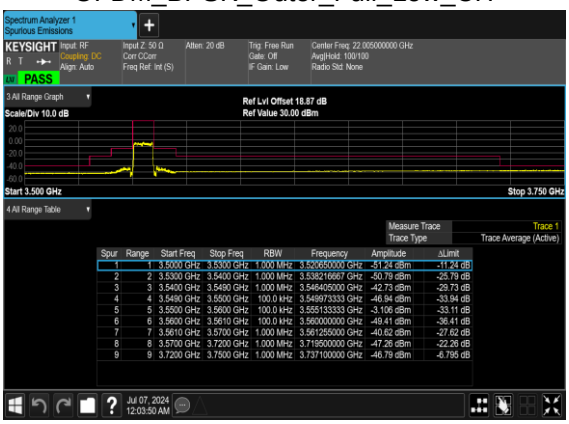
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



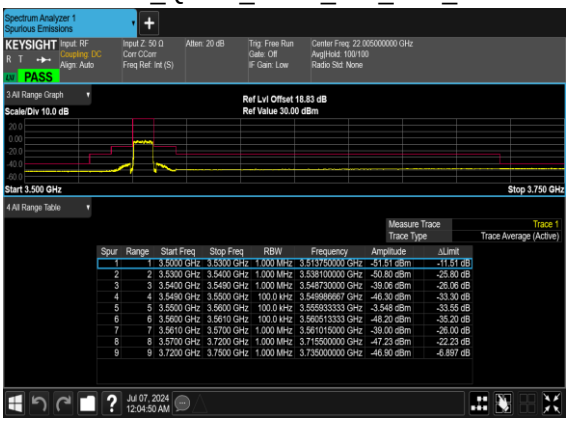
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



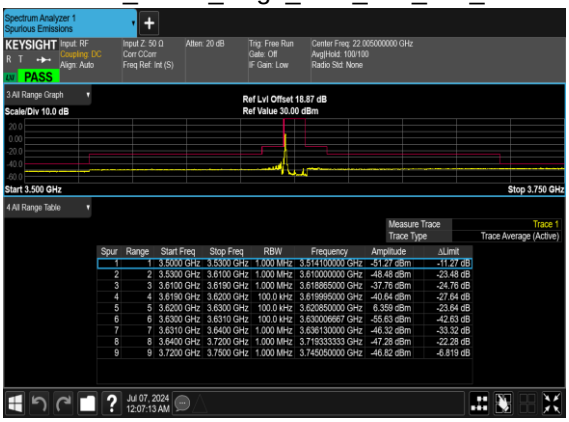
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



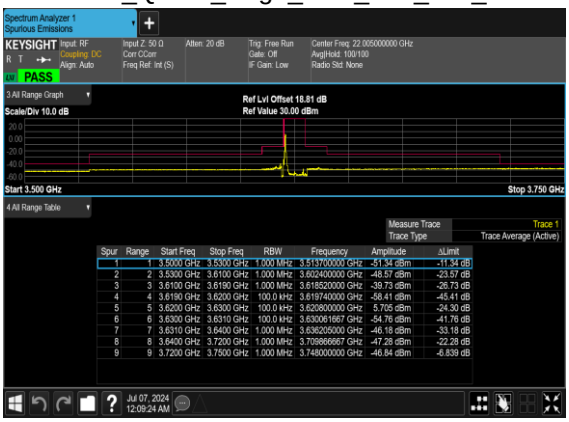
N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



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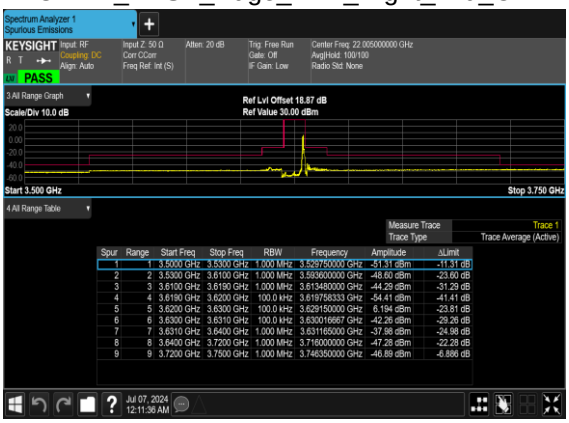

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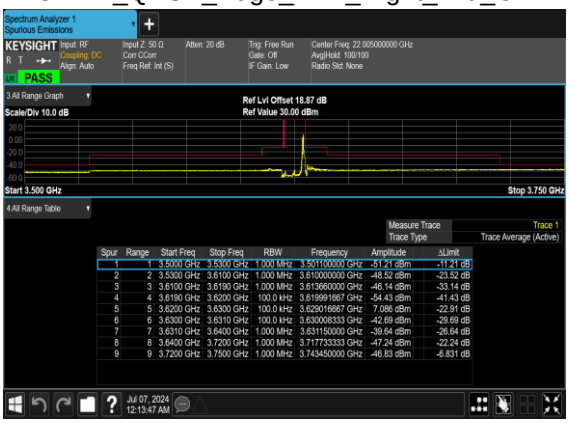
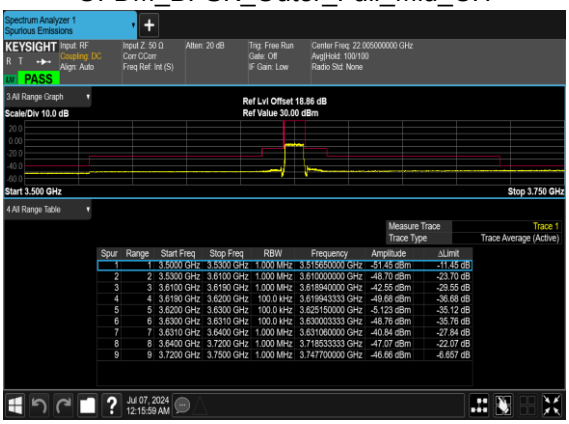
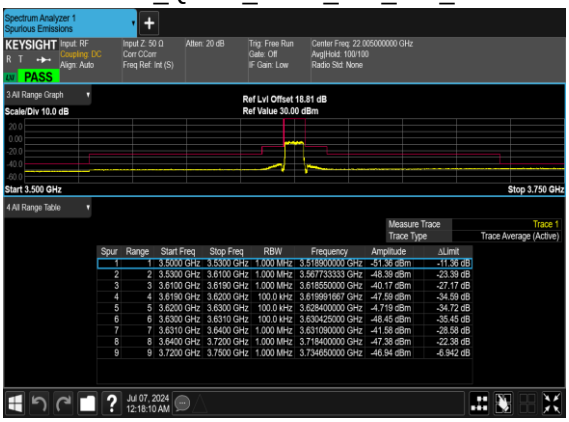


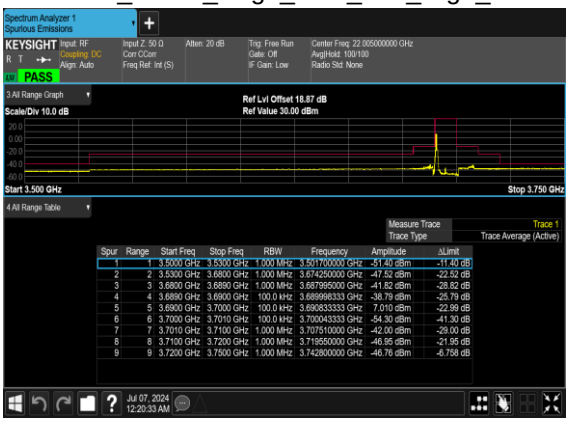
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



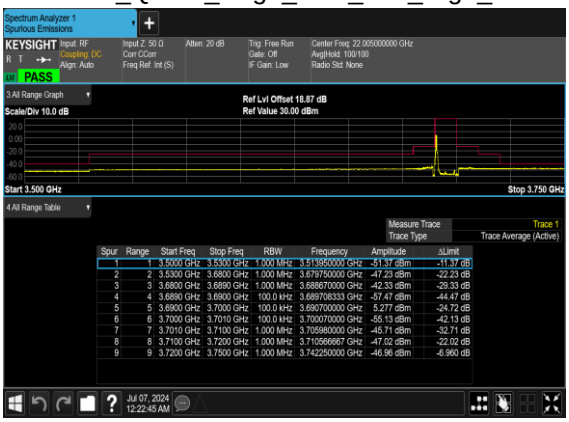
N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



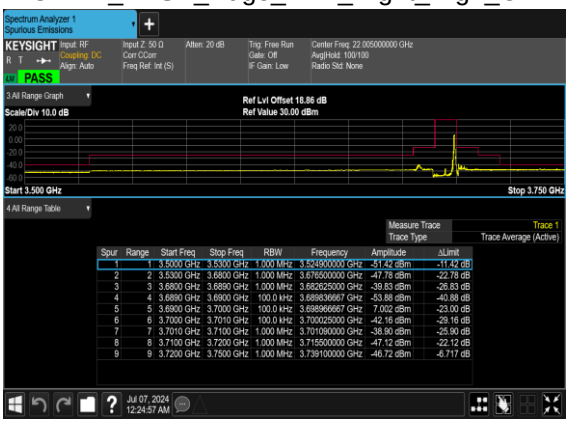
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



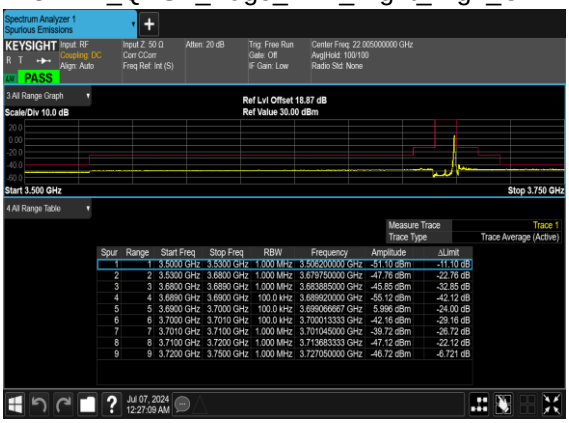
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



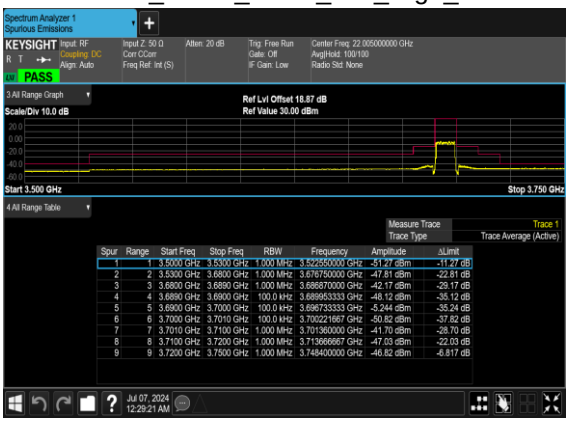
N48(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



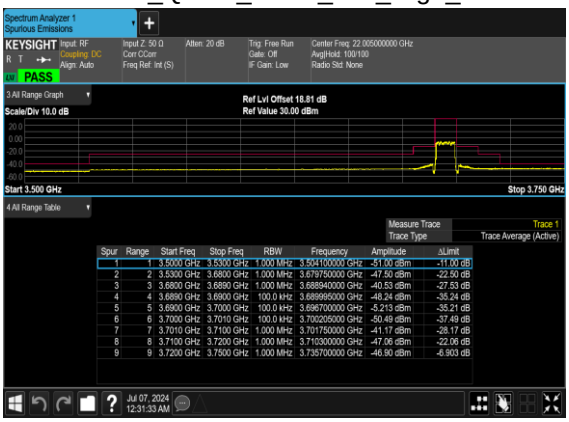
N48(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



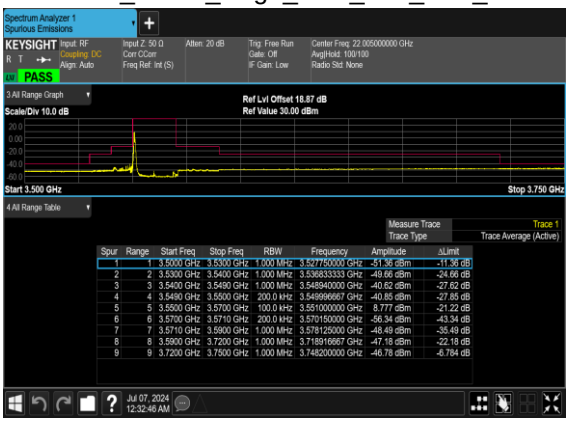
N48(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



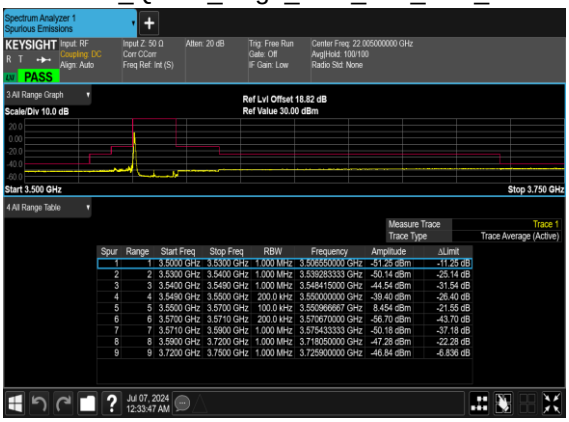
N48(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



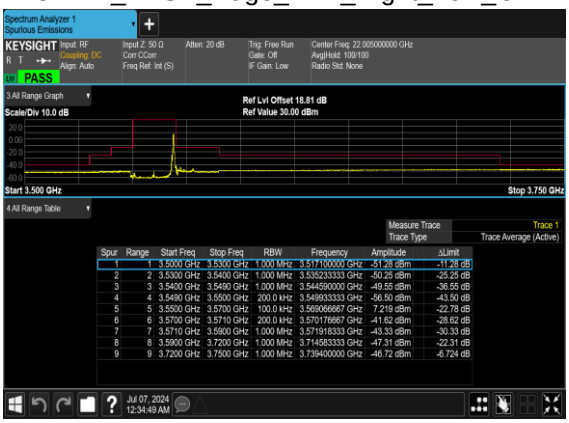
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



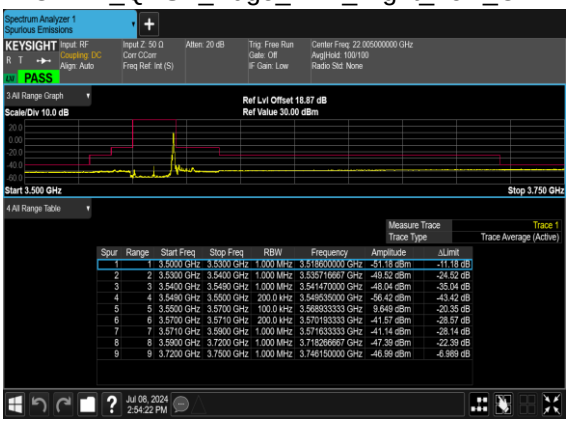
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



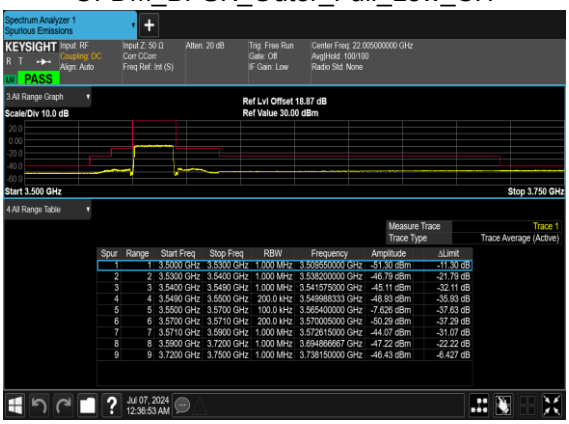
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



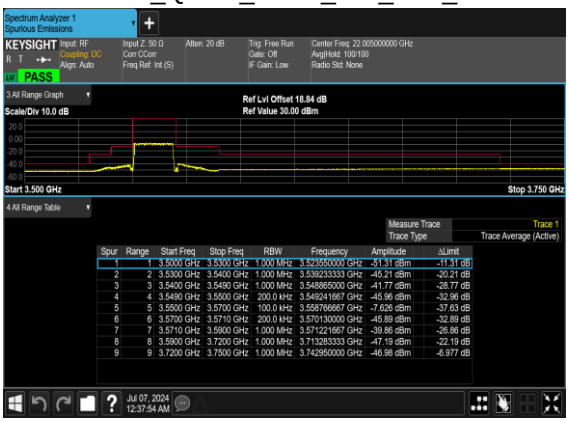
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



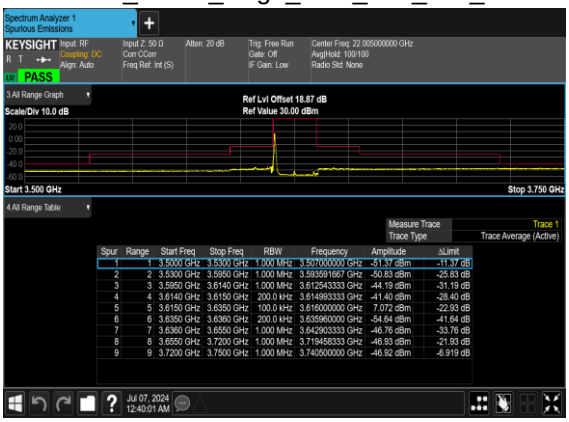
N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

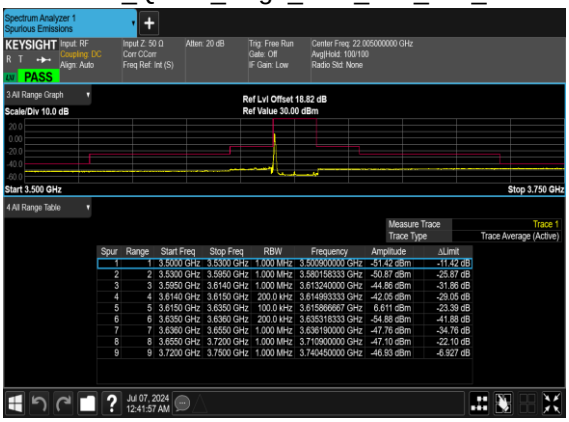


N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



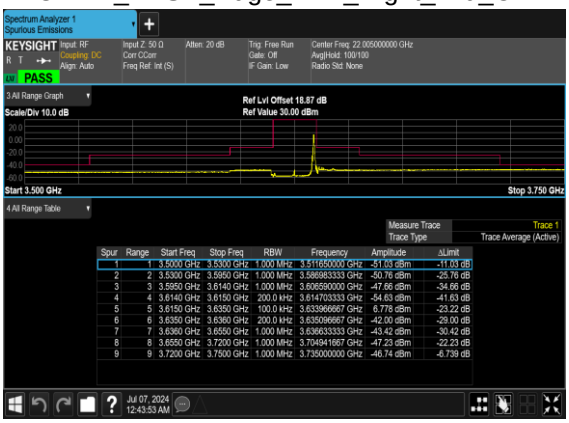
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.5070000000 GHz	-51.37 dBm	-11.37 dB
2	2	3.5300 GHz	3.5950 GHz	1.000 MHz	3.593591667 GHz	-50.83 dBm	-25.83 dB
3	3	3.5950 GHz	3.6140 GHz	1.000 MHz	3.612543333 GHz	-44.19 dBm	-31.19 dB
4	4	3.6140 GHz	3.6150 GHz	200.0 kHz	3.614993333 GHz	-41.40 dBm	-28.40 dB
5	5	3.6150 GHz	3.6350 GHz	100.0 kHz	3.616000000 GHz	7.072 dBm	-22.93 dB
6	6	3.6350 GHz	3.6360 GHz	200.0 kHz	3.635960000 GHz	-54.64 dBm	-41.64 dB
7	7	3.6360 GHz	3.6550 GHz	1.000 MHz	3.642903333 GHz	-46.76 dBm	-33.76 dB
8	8	3.6550 GHz	3.7200 GHz	1.000 MHz	3.719456333 GHz	-46.93 dBm	-21.93 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.740500000 GHz	-46.92 dBm	-6.919 dB

N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



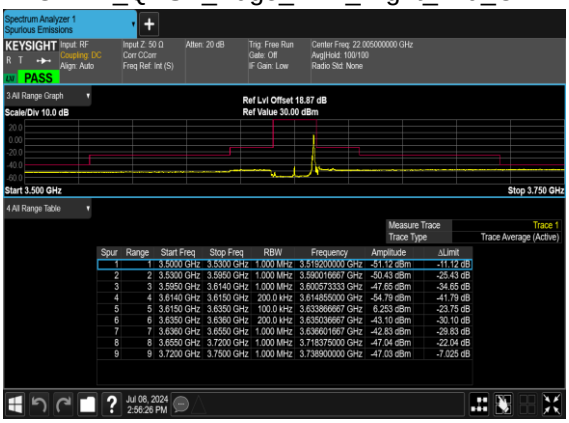
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.5009000000 GHz	-51.42 dBm	-11.42 dB
2	2	3.5300 GHz	3.5950 GHz	1.000 MHz	3.580158333 GHz	-50.87 dBm	-25.87 dB
3	3	3.5950 GHz	3.6140 GHz	1.000 MHz	3.613240000 GHz	-44.86 dBm	-31.86 dB
4	4	3.6140 GHz	3.6150 GHz	200.0 kHz	3.614993333 GHz	-42.05 dBm	-29.05 dB
5	5	3.6150 GHz	3.6350 GHz	100.0 kHz	3.615866667 GHz	6.611 dBm	-23.39 dB
6	6	3.6350 GHz	3.6360 GHz	200.0 kHz	3.635318333 GHz	-54.88 dBm	-41.88 dB
7	7	3.6360 GHz	3.6550 GHz	1.000 MHz	3.636190000 GHz	-47.76 dBm	-34.76 dB
8	8	3.6550 GHz	3.7200 GHz	1.000 MHz	3.710900000 GHz	-47.10 dBm	-22.10 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.740450000 GHz	-46.93 dBm	-6.927 dB

N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



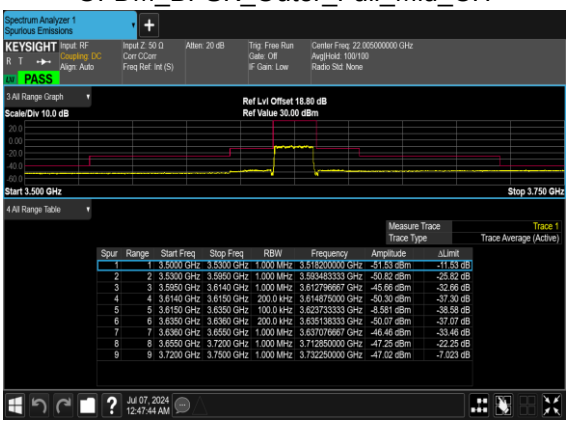
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.5116500000 GHz	-51.03 dBm	-11.03 dB
2	2	3.5300 GHz	3.5950 GHz	1.000 MHz	3.586983333 GHz	-50.76 dBm	-25.76 dB
3	3	3.5950 GHz	3.6140 GHz	1.000 MHz	3.606590000 GHz	-47.66 dBm	-34.66 dB
4	4	3.6140 GHz	3.6150 GHz	200.0 kHz	3.614703333 GHz	-54.63 dBm	-41.63 dB
5	5	3.6150 GHz	3.6350 GHz	100.0 kHz	3.633866667 GHz	6.778 dBm	-23.22 dB
6	6	3.6350 GHz	3.6360 GHz	200.0 kHz	3.635096667 GHz	-42.00 dBm	-29.00 dB
7	7	3.6360 GHz	3.6550 GHz	1.000 MHz	3.636633333 GHz	-43.42 dBm	-30.42 dB
8	8	3.6550 GHz	3.7200 GHz	1.000 MHz	3.704941667 GHz	-47.23 dBm	-22.23 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.735000000 GHz	-46.74 dBm	-6.739 dB

N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



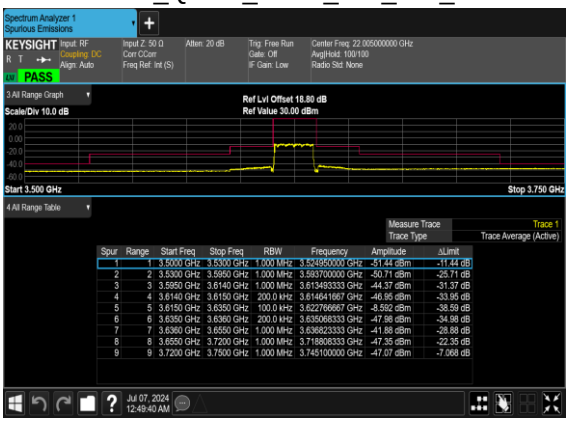
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.5192000000 GHz	-51.12 dBm	-11.12 dB
2	2	3.5300 GHz	3.5950 GHz	1.000 MHz	3.590016667 GHz	-50.43 dBm	-25.43 dB
3	3	3.5950 GHz	3.6140 GHz	1.000 MHz	3.600573333 GHz	-47.65 dBm	-34.65 dB
4	4	3.6140 GHz	3.6150 GHz	200.0 kHz	3.614855000 GHz	-54.79 dBm	-41.79 dB
5	5	3.6150 GHz	3.6350 GHz	100.0 kHz	3.633866667 GHz	6.253 dBm	-23.75 dB
6	6	3.6350 GHz	3.6360 GHz	200.0 kHz	3.635036667 GHz	-43.10 dBm	-30.10 dB
7	7	3.6360 GHz	3.6550 GHz	1.000 MHz	3.636601667 GHz	-42.83 dBm	-29.83 dB
8	8	3.6550 GHz	3.7200 GHz	1.000 MHz	3.718375000 GHz	-47.04 dBm	-22.04 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.738900000 GHz	-47.03 dBm	-7.025 dB

N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



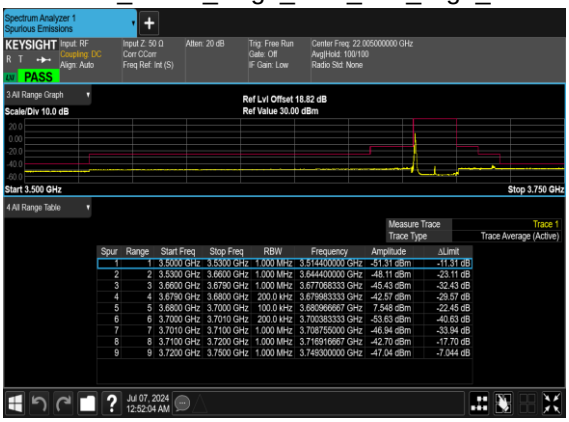
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.518200000 GHz	-51.53 dBm	-11.53 dB
2	2	3.5300 GHz	3.5950 GHz	1.000 MHz	3.593483333 GHz	-50.82 dBm	-25.82 dB
3	3	3.5950 GHz	3.6140 GHz	1.000 MHz	3.612796667 GHz	-45.66 dBm	-32.66 dB
4	4	3.6140 GHz	3.6150 GHz	200.0 kHz	3.614875000 GHz	-50.30 dBm	-37.30 dB
5	5	3.6150 GHz	3.6350 GHz	100.0 kHz	3.623733333 GHz	-8.581 dBm	-38.58 dB
6	6	3.6350 GHz	3.6360 GHz	200.0 kHz	3.635138333 GHz	-50.07 dBm	-37.07 dB
7	7	3.6360 GHz	3.6550 GHz	1.000 MHz	3.637076667 GHz	-46.46 dBm	-33.46 dB
8	8	3.6550 GHz	3.7200 GHz	1.000 MHz	3.712850000 GHz	-47.25 dBm	-22.25 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.732250000 GHz	-47.02 dBm	-7.023 dB

N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



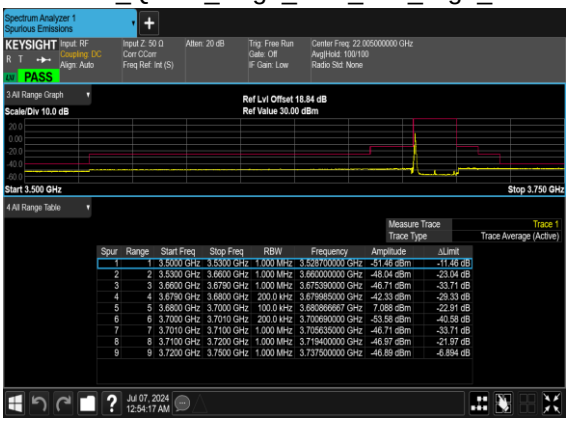
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.524950000 GHz	-51.44 dBm	-11.44 dB
2	2	3.5300 GHz	3.5950 GHz	1.000 MHz	3.593700000 GHz	-50.71 dBm	-25.71 dB
3	3	3.5950 GHz	3.6140 GHz	1.000 MHz	3.613493333 GHz	-44.37 dBm	-31.37 dB
4	4	3.6140 GHz	3.6150 GHz	200.0 kHz	3.614641667 GHz	-46.95 dBm	-33.95 dB
5	5	3.6150 GHz	3.6350 GHz	100.0 kHz	3.622766667 GHz	-8.592 dBm	-38.59 dB
6	6	3.6350 GHz	3.6360 GHz	200.0 kHz	3.635068333 GHz	-47.98 dBm	-34.98 dB
7	7	3.6360 GHz	3.6550 GHz	1.000 MHz	3.636823333 GHz	-41.88 dBm	-28.88 dB
8	8	3.6550 GHz	3.7200 GHz	1.000 MHz	3.718808333 GHz	-47.35 dBm	-22.35 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.745100000 GHz	-47.07 dBm	-7.068 dB

N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



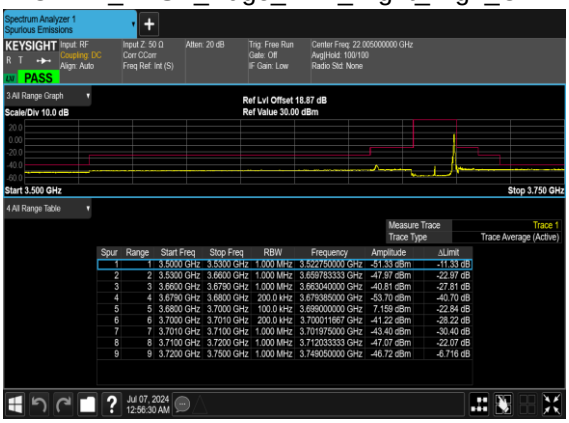
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.514400000 GHz	-51.31 dBm	-11.31 dB
2	2	3.5300 GHz	3.6600 GHz	1.000 MHz	3.644400000 GHz	-48.11 dBm	-23.11 dB
3	3	3.6600 GHz	3.6790 GHz	1.000 MHz	3.677068333 GHz	-45.43 dBm	-32.43 dB
4	4	3.6790 GHz	3.6800 GHz	200.0 kHz	3.679983333 GHz	-42.57 dBm	-29.57 dB
5	5	3.6800 GHz	3.7000 GHz	100.0 kHz	3.680966667 GHz	7.548 dBm	-22.45 dB
6	6	3.7000 GHz	3.7010 GHz	200.0 kHz	3.700383333 GHz	-53.63 dBm	-40.63 dB
7	7	3.7010 GHz	3.7100 GHz	1.000 MHz	3.708755000 GHz	-46.94 dBm	-33.94 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.716916667 GHz	-42.70 dBm	-17.70 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.749300000 GHz	-47.04 dBm	-7.044 dB

N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



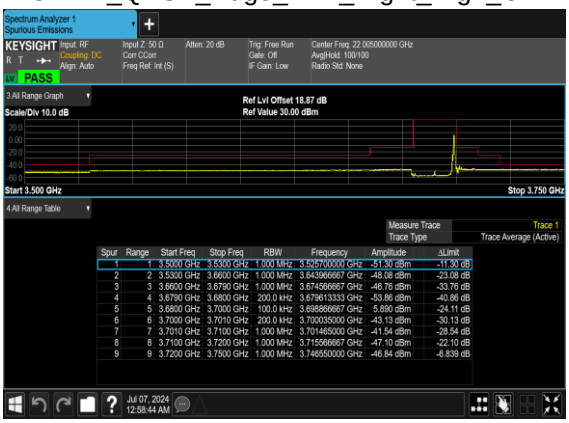
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.528700000 GHz	-51.46 dBm	-11.46 dB
2	2	3.5300 GHz	3.6600 GHz	1.000 MHz	3.660000000 GHz	-48.04 dBm	-23.04 dB
3	3	3.6600 GHz	3.6790 GHz	1.000 MHz	3.675390000 GHz	-46.71 dBm	-33.71 dB
4	4	3.6790 GHz	3.6800 GHz	200.0 kHz	3.679985000 GHz	-42.33 dBm	-29.33 dB
5	5	3.6800 GHz	3.7000 GHz	100.0 kHz	3.680866667 GHz	7.088 dBm	-22.91 dB
6	6	3.7000 GHz	3.7010 GHz	200.0 kHz	3.700690000 GHz	-53.58 dBm	-40.58 dB
7	7	3.7010 GHz	3.7100 GHz	1.000 MHz	3.705635000 GHz	-46.71 dBm	-33.71 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.719400000 GHz	-46.97 dBm	-21.97 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.737500000 GHz	-46.89 dBm	-6.894 dB

N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



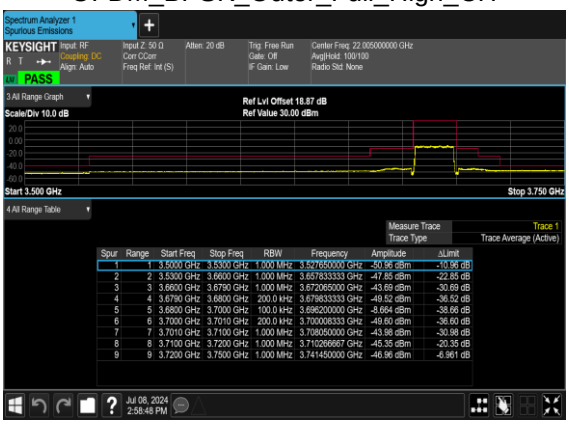
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.522750000 GHz	-51.33 dBm	-11.33 dB
2	2	3.5300 GHz	3.6600 GHz	1.000 MHz	3.659783333 GHz	-47.97 dBm	-22.97 dB
3	3	3.6600 GHz	3.6790 GHz	1.000 MHz	3.663040000 GHz	-40.81 dBm	-27.81 dB
4	4	3.6790 GHz	3.6800 GHz	200.0 kHz	3.679385000 GHz	-53.70 dBm	-40.70 dB
5	5	3.6800 GHz	3.7000 GHz	100.0 kHz	3.698000000 GHz	7.159 dBm	-22.84 dB
6	6	3.7000 GHz	3.7010 GHz	200.0 kHz	3.700011667 GHz	-41.22 dBm	-28.22 dB
7	7	3.7010 GHz	3.7100 GHz	1.000 MHz	3.701975000 GHz	-43.40 dBm	-30.40 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.712033333 GHz	-47.07 dBm	-22.07 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.749050000 GHz	-46.72 dBm	-6.716 dB

N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



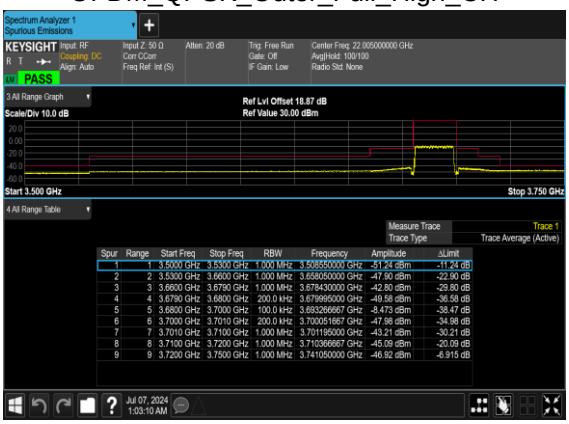
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.525700000 GHz	-51.30 dBm	-11.30 dB
2	2	3.5300 GHz	3.6600 GHz	1.000 MHz	3.643966667 GHz	-48.08 dBm	-23.08 dB
3	3	3.6600 GHz	3.6790 GHz	1.000 MHz	3.674566667 GHz	-46.76 dBm	-33.76 dB
4	4	3.6790 GHz	3.6800 GHz	200.0 kHz	3.679613333 GHz	-53.86 dBm	-40.86 dB
5	5	3.6800 GHz	3.7000 GHz	100.0 kHz	3.698866667 GHz	5.690 dBm	-24.11 dB
6	6	3.7000 GHz	3.7010 GHz	200.0 kHz	3.700035000 GHz	-43.13 dBm	-30.13 dB
7	7	3.7010 GHz	3.7100 GHz	1.000 MHz	3.701465000 GHz	-41.54 dBm	-28.54 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.715566667 GHz	-47.10 dBm	-22.10 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.746550000 GHz	-46.84 dBm	-6.839 dB

N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



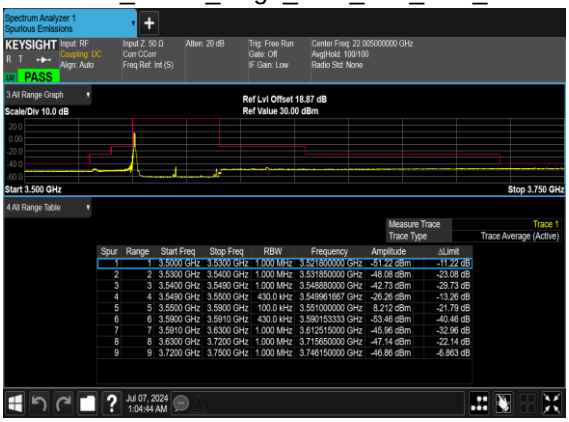
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.527650000 GHz	-50.96 dBm	-10.96 dB
2	2	3.5300 GHz	3.6600 GHz	1.000 MHz	3.657833333 GHz	-47.85 dBm	-22.85 dB
3	3	3.6600 GHz	3.6790 GHz	1.000 MHz	3.672065000 GHz	-43.69 dBm	-30.69 dB
4	4	3.6790 GHz	3.6800 GHz	200.0 kHz	3.679833333 GHz	-49.52 dBm	-36.52 dB
5	5	3.6800 GHz	3.7000 GHz	100.0 kHz	3.696200000 GHz	-8.664 dBm	-38.66 dB
6	6	3.7000 GHz	3.7010 GHz	200.0 kHz	3.700008333 GHz	-49.60 dBm	-36.60 dB
7	7	3.7010 GHz	3.7100 GHz	1.000 MHz	3.708050000 GHz	-43.98 dBm	-30.98 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.710266667 GHz	-45.35 dBm	-20.35 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.741450000 GHz	-46.96 dBm	-6.961 dB

N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

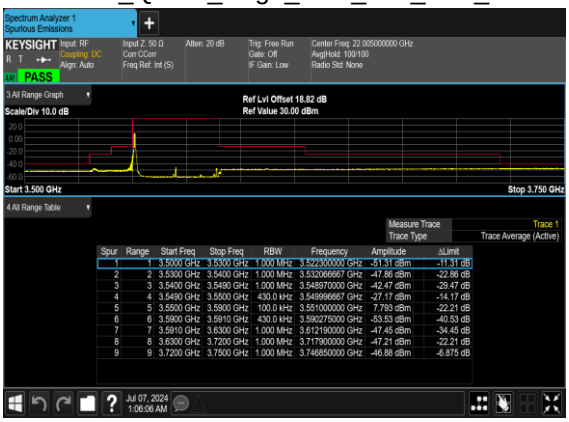


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	3.5000 GHz	3.5300 GHz	1.000 MHz	3.508550000 GHz	-51.24 dBm	-11.24 dB
2	2	3.5300 GHz	3.6600 GHz	1.000 MHz	3.658050000 GHz	-47.90 dBm	-22.90 dB
3	3	3.6600 GHz	3.6790 GHz	1.000 MHz	3.678430000 GHz	-42.80 dBm	-29.80 dB
4	4	3.6790 GHz	3.6800 GHz	200.0 kHz	3.679995000 GHz	-49.58 dBm	-36.58 dB
5	5	3.6800 GHz	3.7000 GHz	100.0 kHz	3.693266667 GHz	-8.473 dBm	-38.47 dB
6	6	3.7000 GHz	3.7010 GHz	200.0 kHz	3.700051667 GHz	-47.98 dBm	-34.98 dB
7	7	3.7010 GHz	3.7100 GHz	1.000 MHz	3.701195000 GHz	-43.21 dBm	-30.21 dB
8	8	3.7100 GHz	3.7200 GHz	1.000 MHz	3.710366667 GHz	-45.09 dBm	-20.09 dB
9	9	3.7200 GHz	3.7500 GHz	1.000 MHz	3.741050000 GHz	-46.92 dBm	-6.915 dB

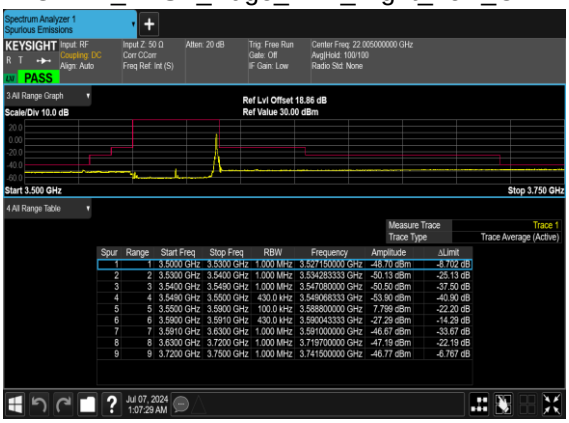
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



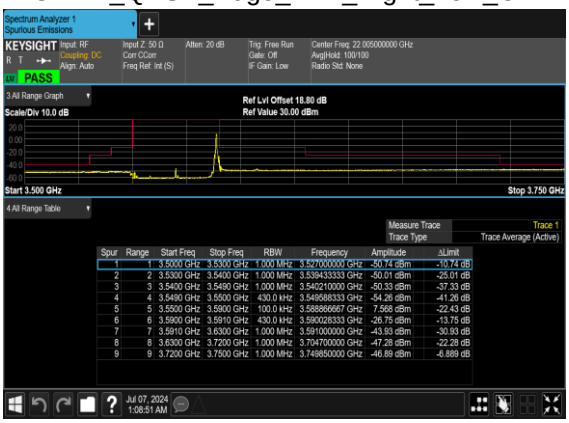
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



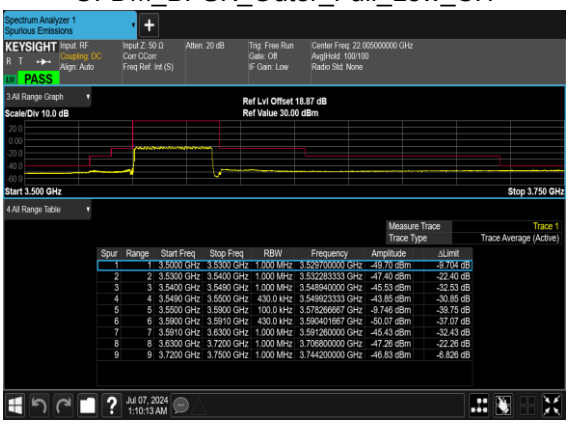
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



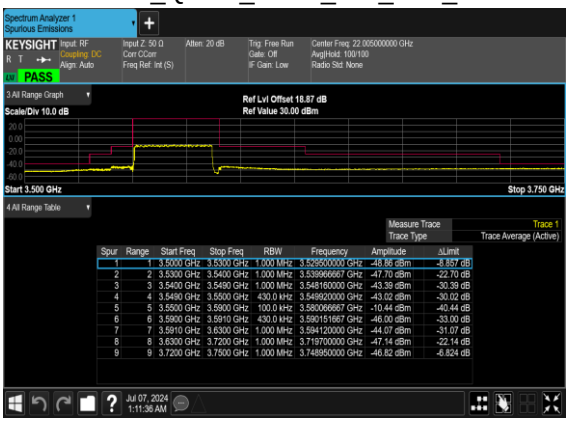
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



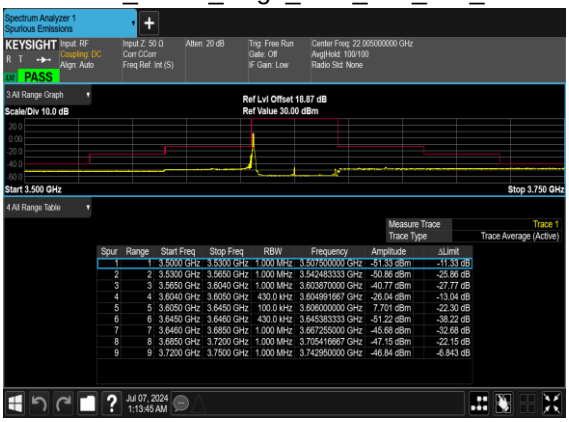
N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



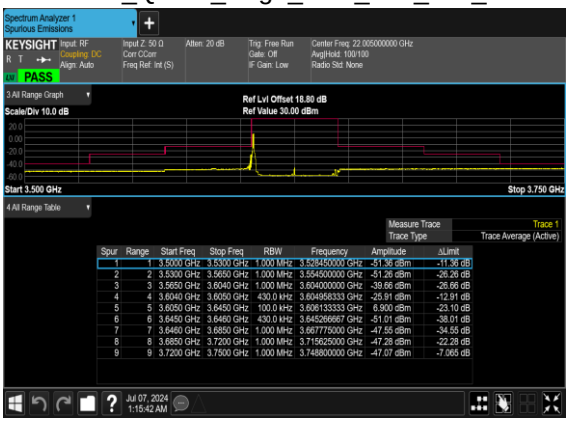
N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



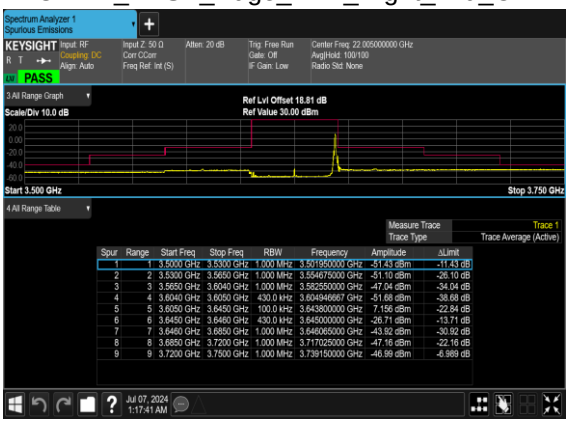
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



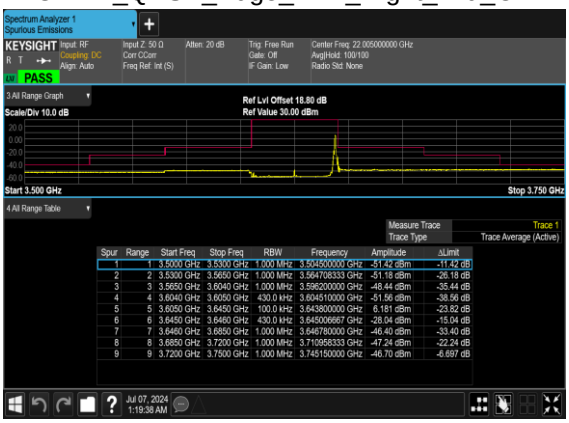
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



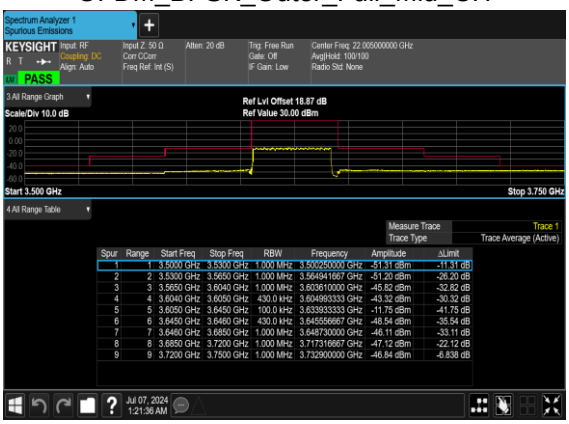
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



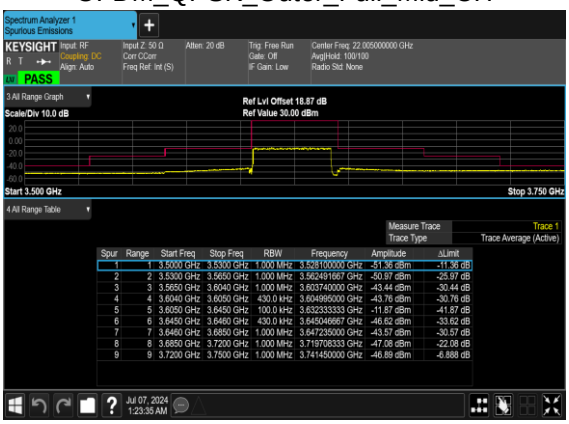
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



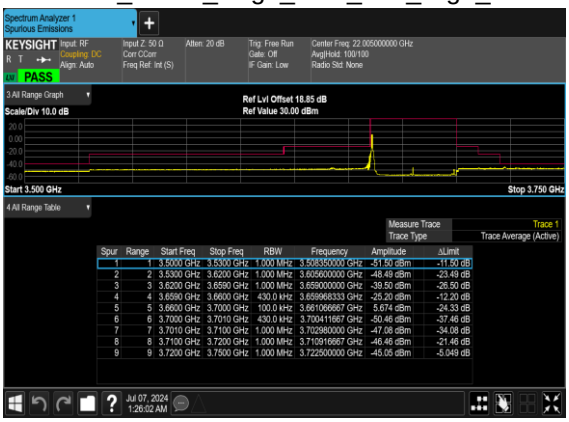
N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



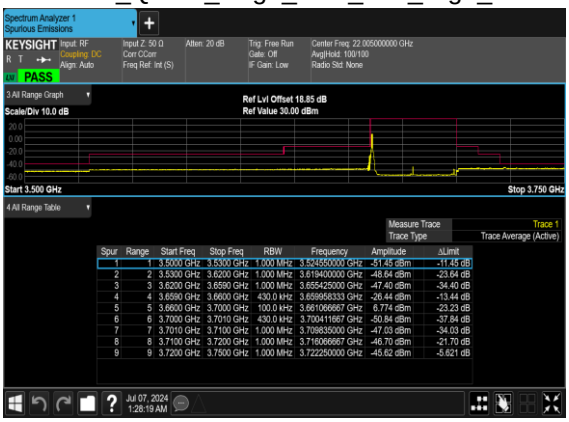
N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



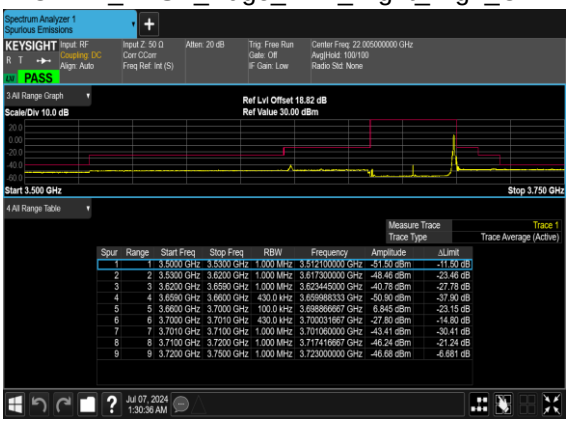
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



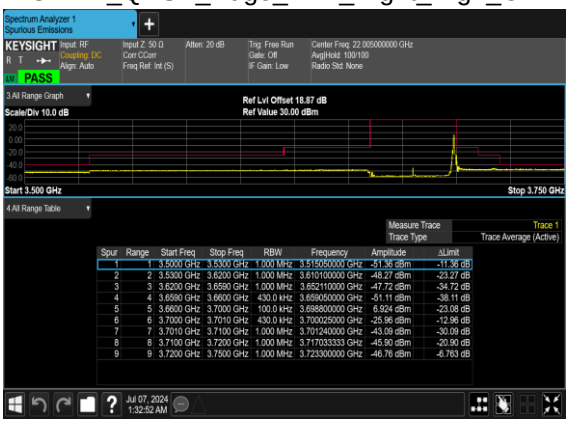
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



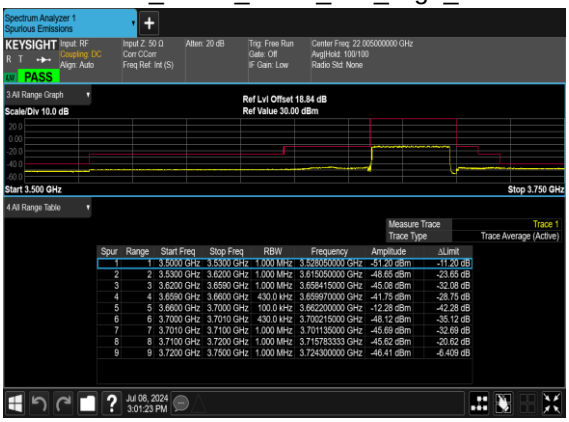
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



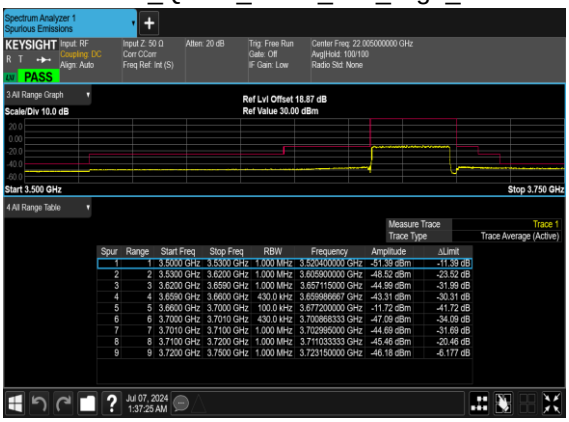
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N48(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 N48 MIMO- ANT(4+5)_ANT5

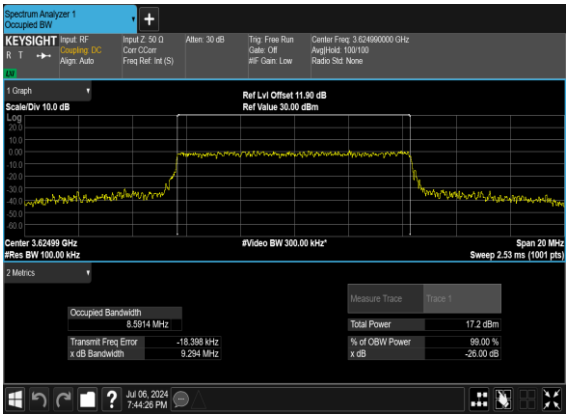
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0054	**PASS**	NV
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0051	**PASS**	LV
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0062	**PASS**	HV
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0066	**PASS**	-30℃
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0021	**PASS**	-20℃
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0049	**PASS**	-10℃
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0068	**PASS**	0℃
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0066	**PASS**	10℃
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0054	**PASS**	20℃
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0050	**PASS**	30℃
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0050	**PASS**	40℃
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	0.0029	**PASS**	50℃

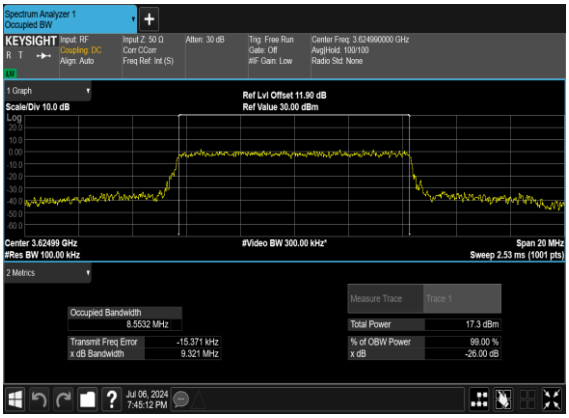
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	8.5914	9.294
48	30	10	641666	3624.99	CP-OFDM 16 QAM	24@0	8.5532	9.321
48	30	10	641666	3624.99	CP-OFDM 64 QAM	24@0	8.5737	9.117
48	30	10	641666	3624.99	CP-OFDM 256 QAM	24@0	8.6049	9.143
48	30	15	641666	3624.99	CP-OFDM QPSK	38@0	13.56	14.31
48	30	15	641666	3624.99	CP-OFDM 16 QAM	38@0	13.578	14.2
48	30	15	641666	3624.99	CP-OFDM 64 QAM	38@0	13.54	14.13
48	30	15	641666	3624.99	CP-OFDM 256 QAM	38@0	13.575	14.31
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	18.149	19.07
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	18.166	19.0
48	30	20	641666	3624.99	CP-OFDM 64 QAM	51@0	18.231	19.04
48	30	20	641666	3624.99	CP-OFDM 256 QAM	51@0	18.223	19.02
48	30	30	641666	3624.99	CP-OFDM QPSK	78@0	27.802	28.93
48	30	30	641666	3624.99	CP-OFDM 16 QAM	78@0	27.862	29.12
48	30	30	641666	3624.99	CP-OFDM 64 QAM	78@0	27.836	28.88
48	30	30	641666	3624.99	CP-OFDM 256 QAM	78@0	27.97	28.79
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	37.898	39.41
48	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	37.855	39.37
48	30	40	641666	3624.99	CP-OFDM 64 QAM	106@0	37.76	39.3
48	30	40	641666	3624.99	CP-OFDM 256 QAM	106@0	37.833	39.15

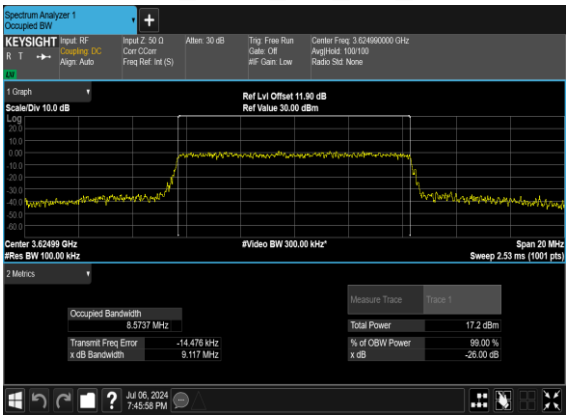
N48(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



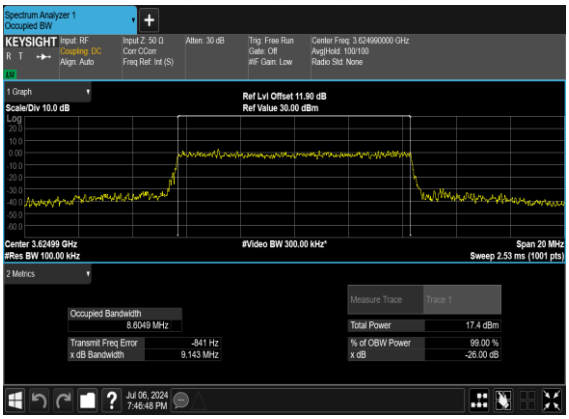
N48(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



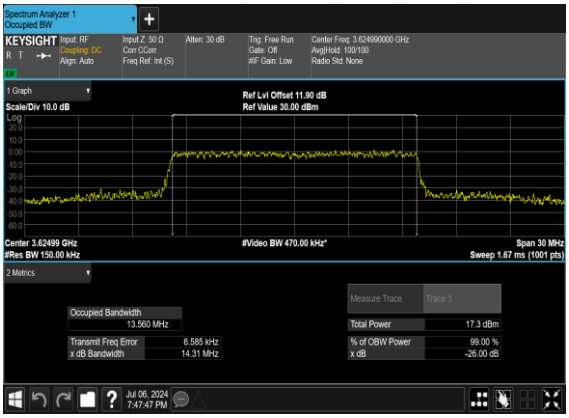
N48(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



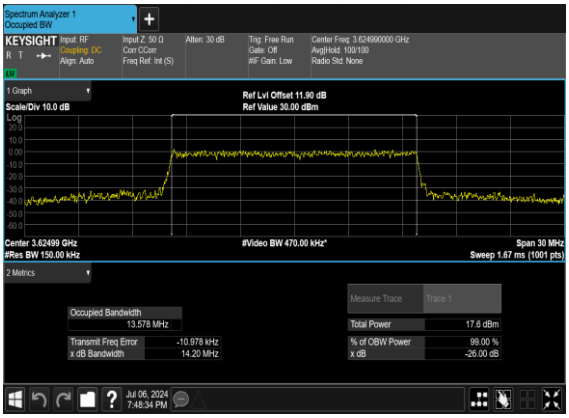
N48(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N48(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

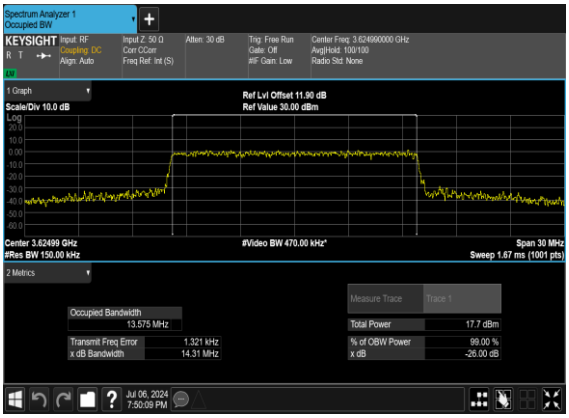


N48(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

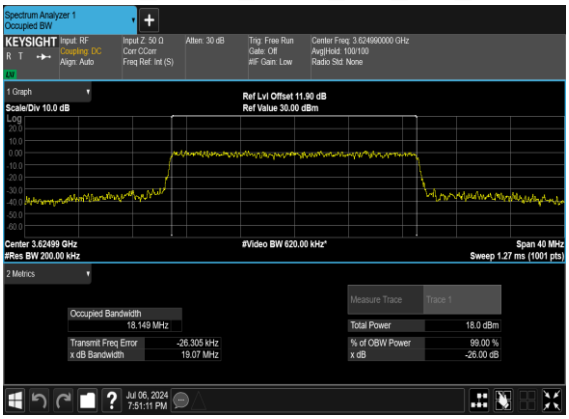


N48(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

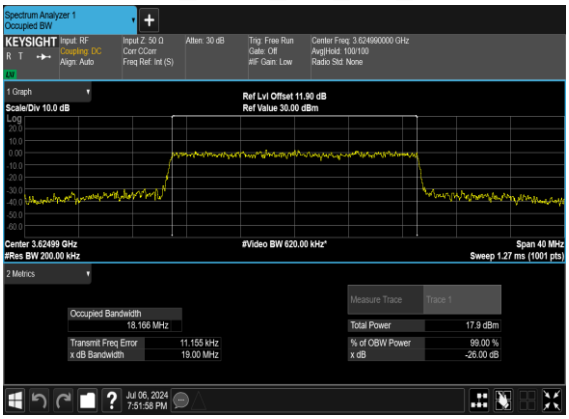
N48(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



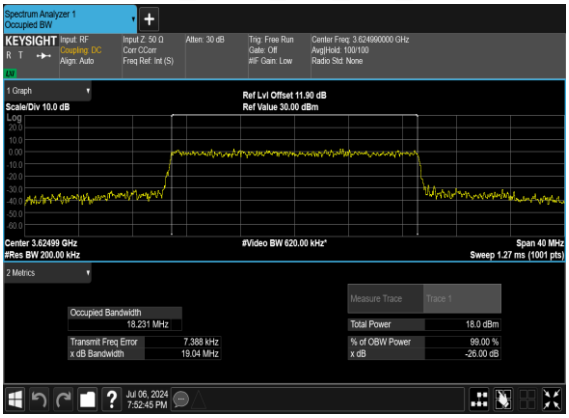
N48(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



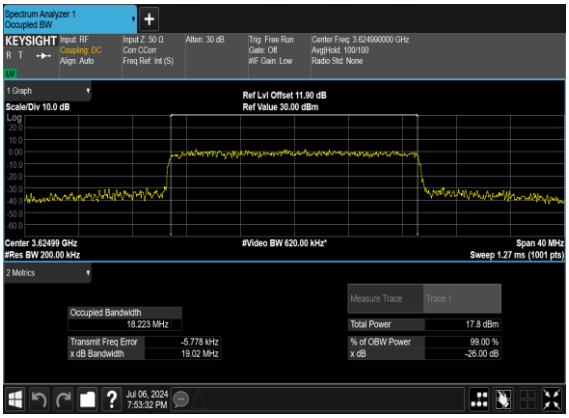
N48(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



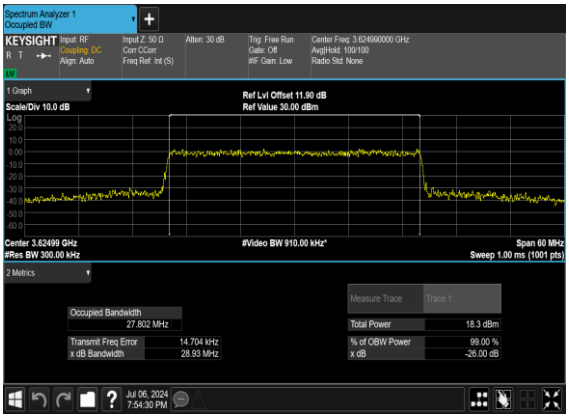
N48(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



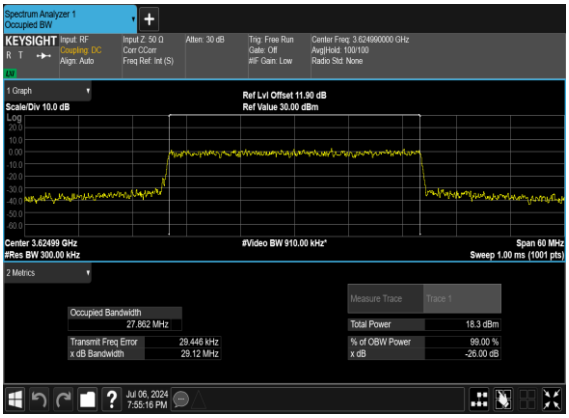
N48(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



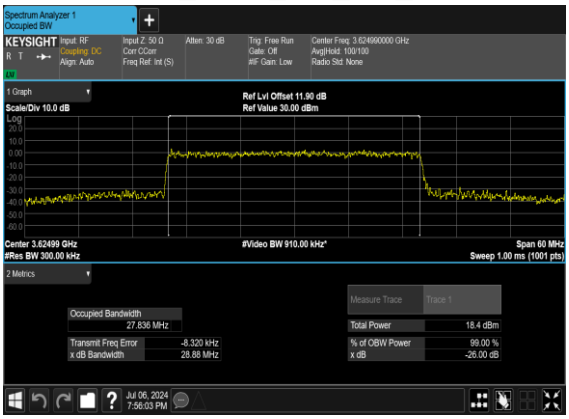
N48(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



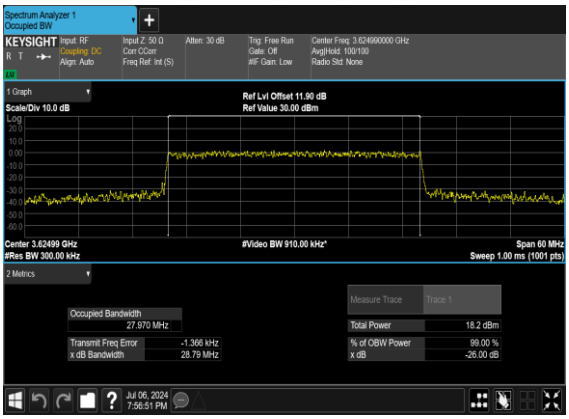
N48(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



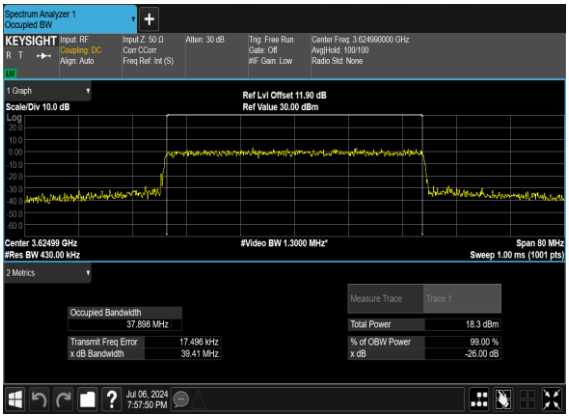
N48(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



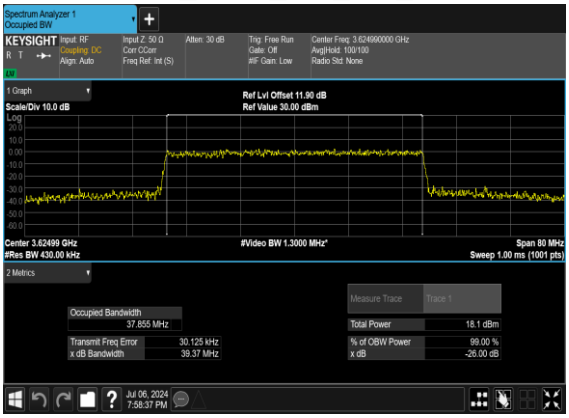
N48(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



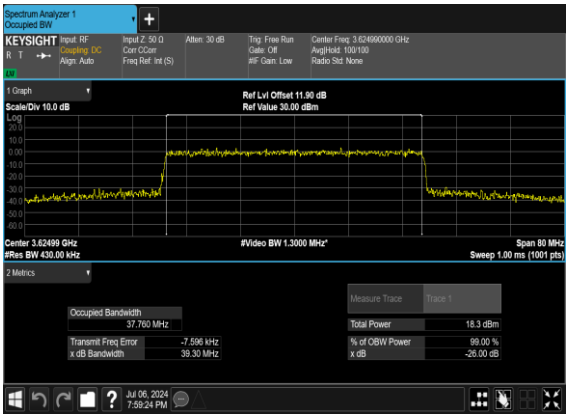
N48(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



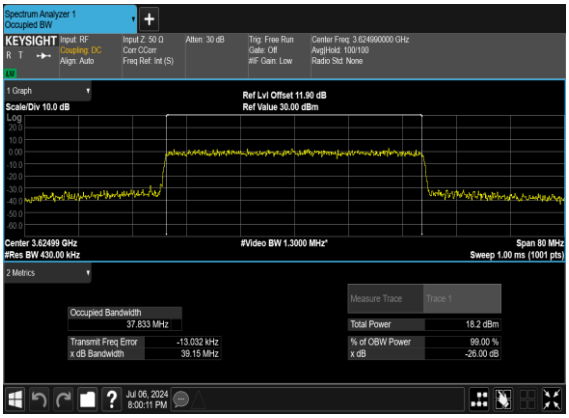
N48(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



Adjacent Channel Leakage Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Lower Margin	Upper Margin	Result	Verdict
48	30	10	637000	3555.0	DFT-s-OFDM PI/2 BPSK	24@0	-13.76	-13.73	**see graph**	PASS
48	30	10	637000	3555.0	DFT-s-OFDM PI/2 BPSK	1@0	-14.21	-14.85	**see graph**	PASS
48	30	10	637000	3555.0	DFT-s-OFDM PI/2 BPSK	1@23	-14.87	-14.09	**see graph**	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	24@0	-12.91	-12.88	**see graph**	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	-13.95	-14.78	**see graph**	PASS
48	30	10	637000	3555.0	DFT-s-OFDM QPSK	1@23	-14.9	-14.22	**see graph**	PASS
48	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	24@0	-10.6	-10.45	**see graph**	PASS
48	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@0	-10.75	-10.84	**see graph**	PASS
48	30	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@23	-9.53	-9.14	**see graph**	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	24@0	-10.35	-9.95	**see graph**	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	-10.64	-10.9	**see graph**	PASS
48	30	10	641666	3624.99	DFT-s-OFDM QPSK	1@23	-12.16	-11.78	**see graph**	PASS
48	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	24@0	-9.67	-9.48	**see graph**	PASS
48	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	1@0	-9.6	-9.75	**see graph**	PASS
48	30	10	646332	3694.98	DFT-s-OFDM PI/2 BPSK	1@23	-10.11	-9.67	**see graph**	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	24@0	-9.31	-9.18	**see graph**	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	-9.34	-9.45	**see graph**	PASS
48	30	10	646332	3694.98	DFT-s-OFDM QPSK	1@23	-9.94	-9.56	**see graph**	PASS
48	30	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	50@0	-11.59	-11.37	**see graph**	PASS
48	30	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	1@0	-11.28	-11.19	**see graph**	PASS
48	30	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	1@50	-12.24	-11.69	**see graph**	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	50@0	-10.66	-10.4	**see graph**	PASS

48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	-12.51	-12.39	**see graph**	PASS
48	30	20	637334	3560.01	DFT-s-OFDM QPSK	1@50	-13.24	-12.72	**see graph**	PASS
48	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	50@0	-7.85	-7.51	**see graph**	PASS
48	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@0	-7.68	-7.4	**see graph**	PASS
48	30	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@50	-7.06	-6.6	**see graph**	PASS
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	50@0	-7.54	-7.22	**see graph**	PASS
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	-7.46	-7.15	**see graph**	PASS
48	30	20	641666	3624.99	DFT-s-OFDM QPSK	1@50	-9.12	-8.61	**see graph**	PASS
48	30	20	646000	3690.0	DFT-s-OFDM PI/2 BPSK	50@0	-6.54	-6.08	**see graph**	PASS
48	30	20	646000	3690.0	DFT-s-OFDM PI/2 BPSK	1@0	-7.19	-6.8	**see graph**	PASS
48	30	20	646000	3690.0	DFT-s-OFDM PI/2 BPSK	1@50	-7.11	-6.53	**see graph**	PASS
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	50@0	-6.74	-6.35	**see graph**	PASS
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	-8.18	-7.8	**see graph**	PASS
48	30	20	646000	3690.0	DFT-s-OFDM QPSK	1@50	-7.4	-6.86	**see graph**	PASS
48	30	40	638000	3570.0	DFT-s-OFDM PI/2 BPSK	100@0	-5.55	-5.09	**see graph**	PASS
48	30	40	638000	3570.0	DFT-s-OFDM PI/2 BPSK	1@0	-6.25	-5.95	**see graph**	PASS
48	30	40	638000	3570.0	DFT-s-OFDM PI/2 BPSK	1@105	-5.84	-5.22	**see graph**	PASS
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	100@0	-5.28	-4.89	**see graph**	PASS
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	1@0	-5.7	-5.38	**see graph**	PASS
48	30	40	638000	3570.0	DFT-s-OFDM QPSK	1@105	-5.22	-4.58	**see graph**	PASS
48	30	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	100@0	-5.19	-4.41	**see graph**	PASS
48	30	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@0	-4.54	-3.93	**see graph**	PASS
48	30	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@105	-4.82	-3.88	**see graph**	PASS
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	100@0	-4.8	-4.08	**see graph**	PASS
48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	-4.89	-4.36	**see graph**	PASS

48	30	40	641666	3624.99	DFT-s-OFDM QPSK	1@105	-5.6	-4.72	**see graph**	PASS
48	30	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	100@0	-4.68	-3.72	**see graph**	PASS
48	30	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	1@0	-4.29	-3.4	**see graph**	PASS
48	30	40	645332	3679.98	DFT-s-OFDM PI/2 BPSK	1@105	-4.98	-3.88	**see graph**	PASS
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	100@0	-4.53	-3.58	**see graph**	PASS
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@0	-4.16	-3.32	**see graph**	PASS
48	30	40	645332	3679.98	DFT-s-OFDM QPSK	1@105	-4.58	-3.51	**see graph**	PASS