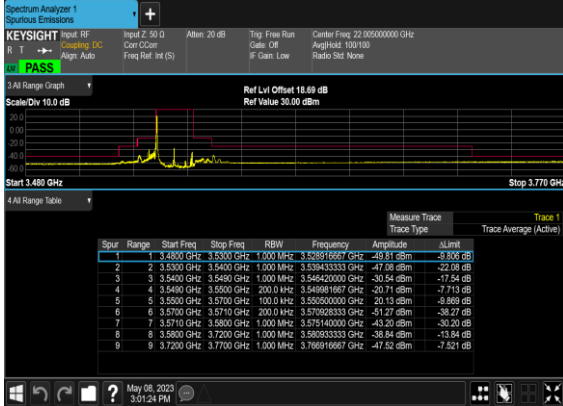
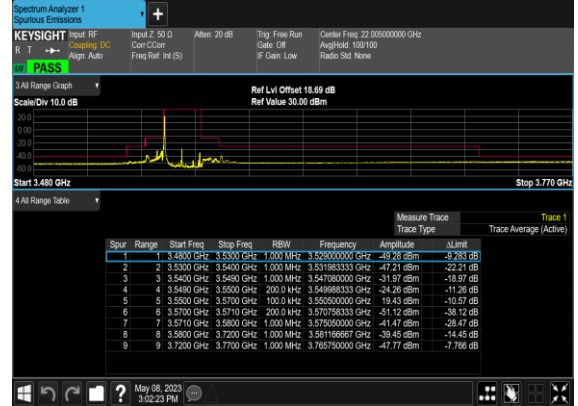


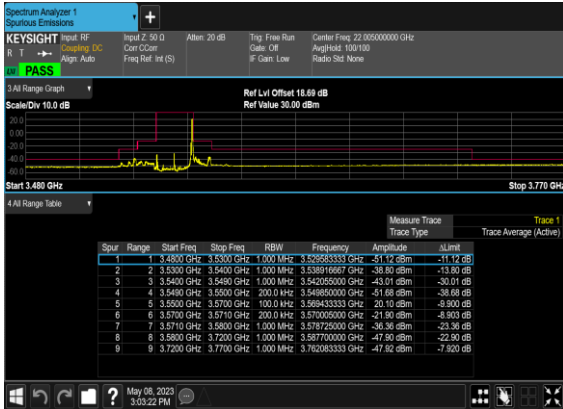
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



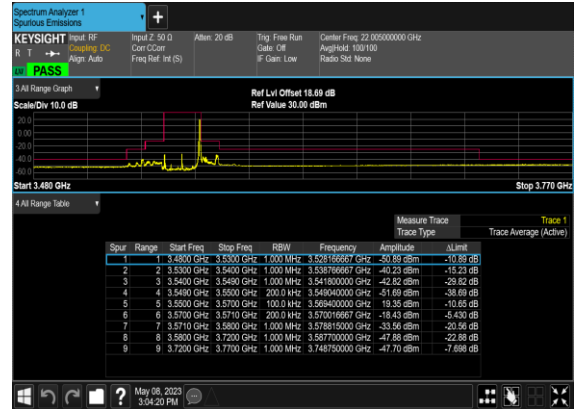
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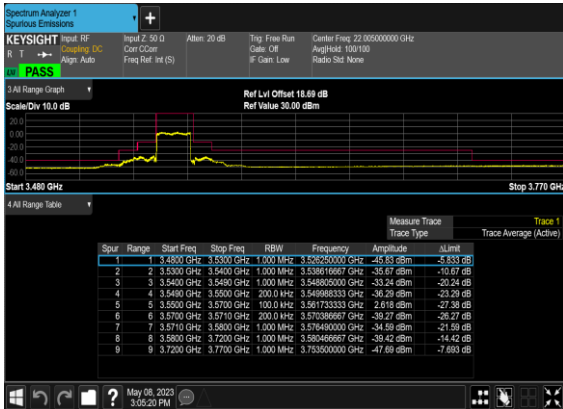
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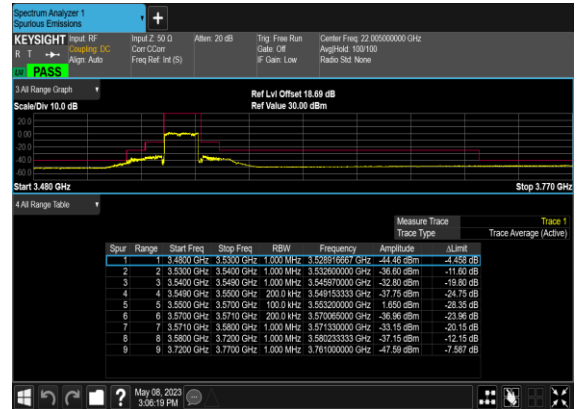
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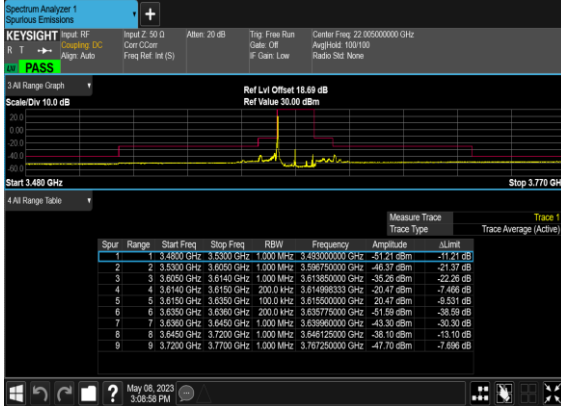
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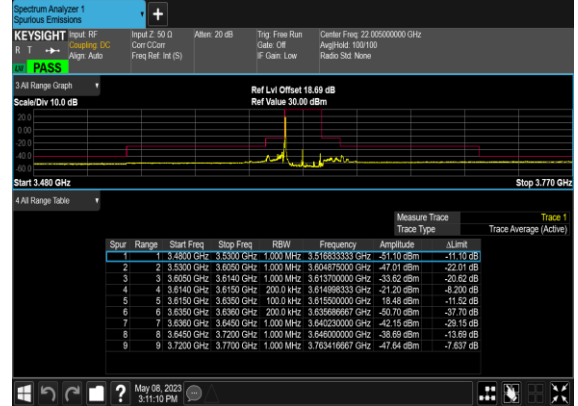
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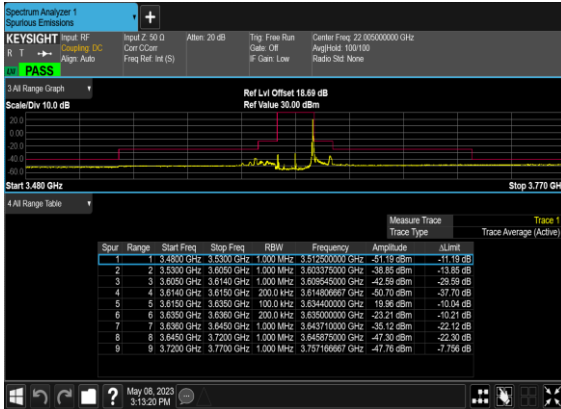
N48(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



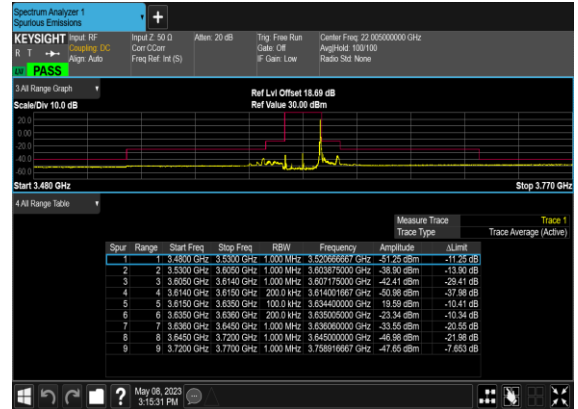
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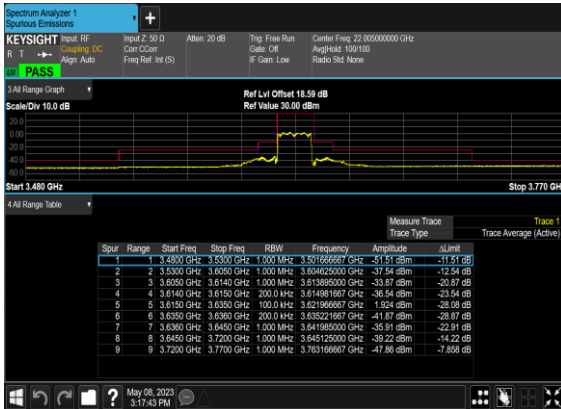
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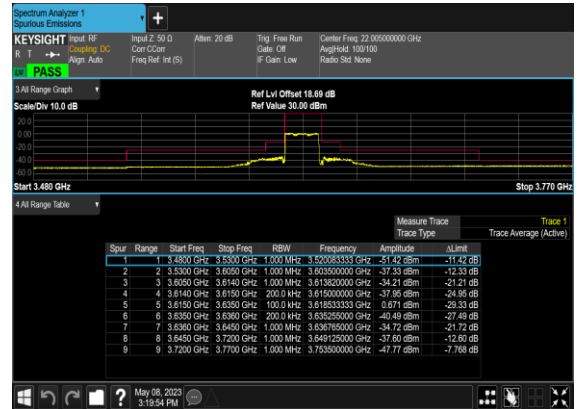
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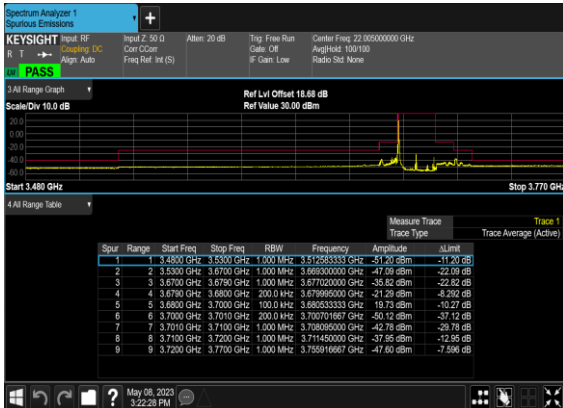
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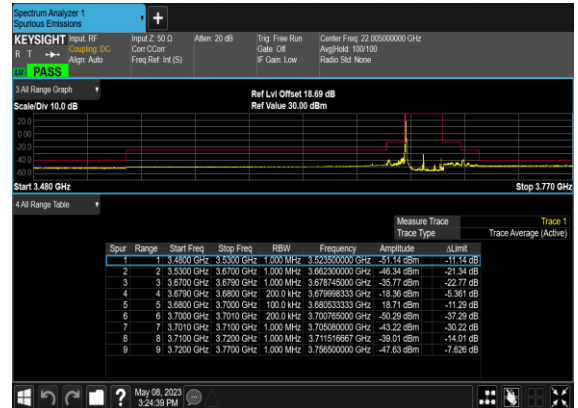
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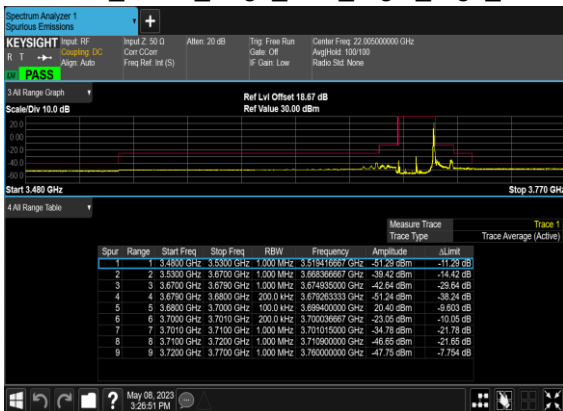
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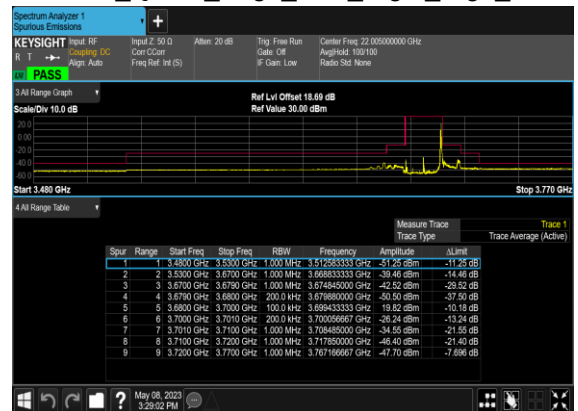
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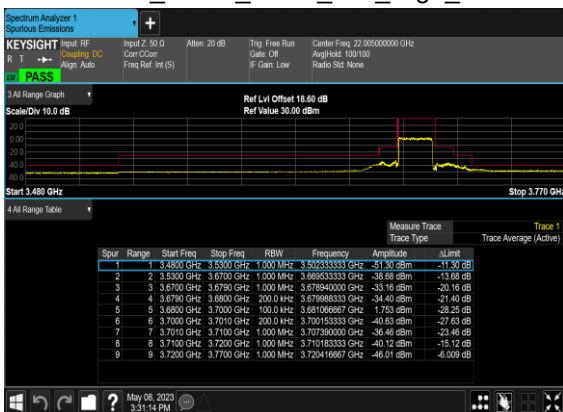
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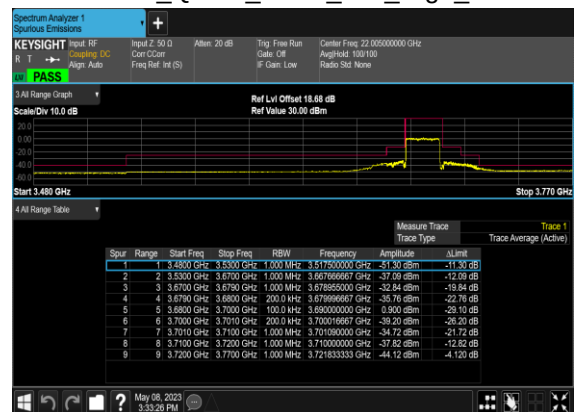
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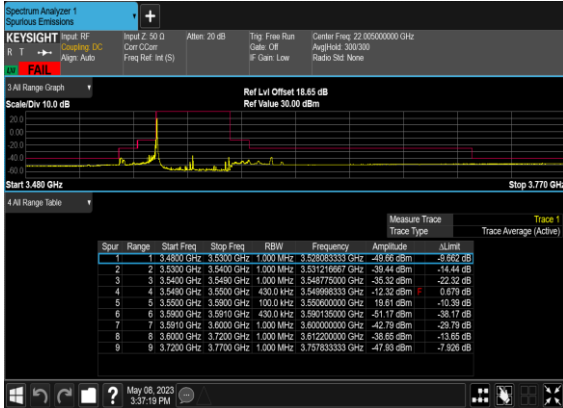
N48(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



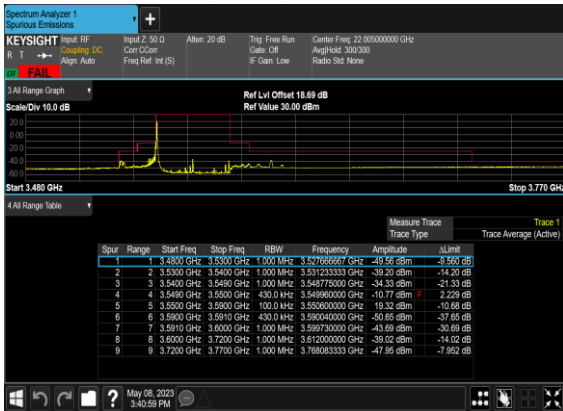
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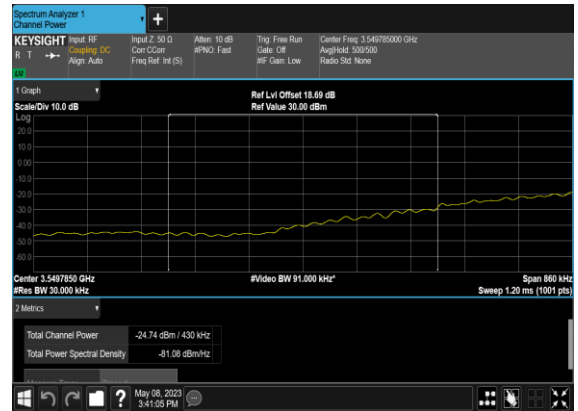
N48(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



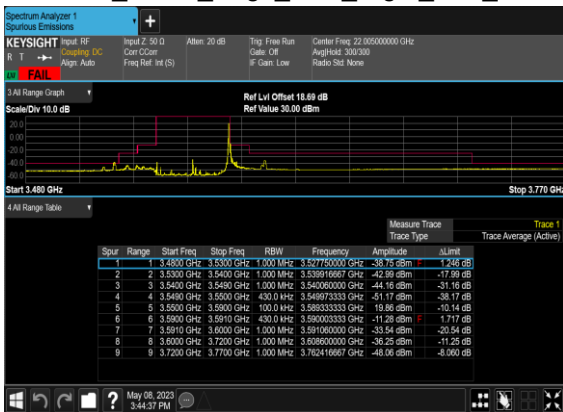
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



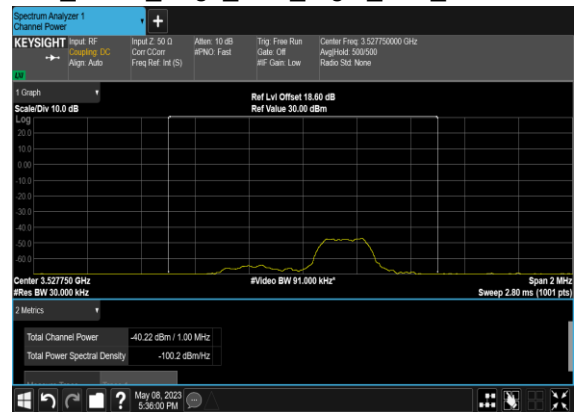
N48(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



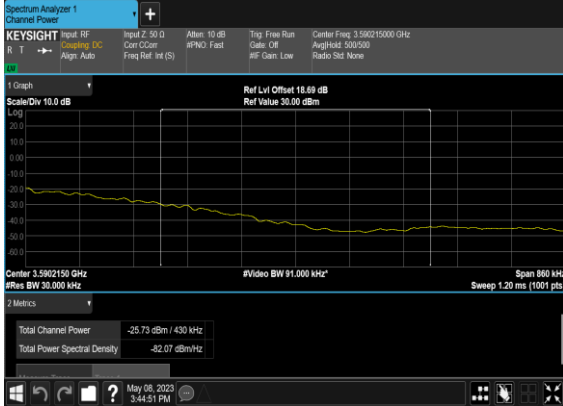
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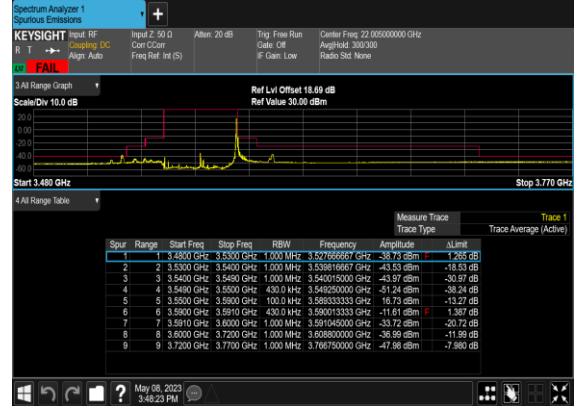
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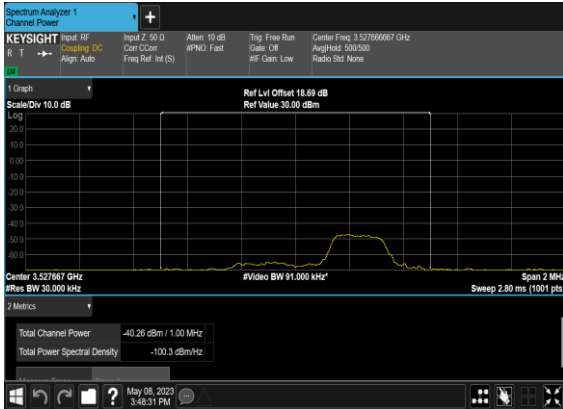
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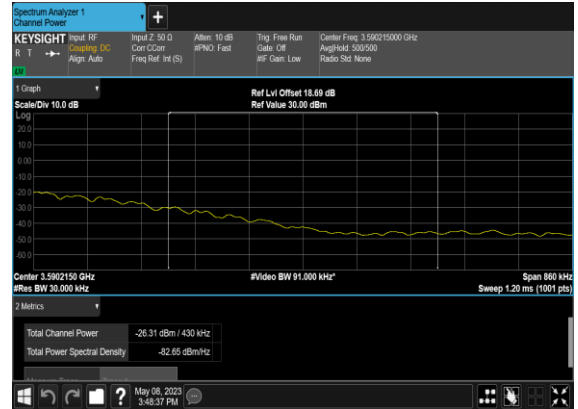
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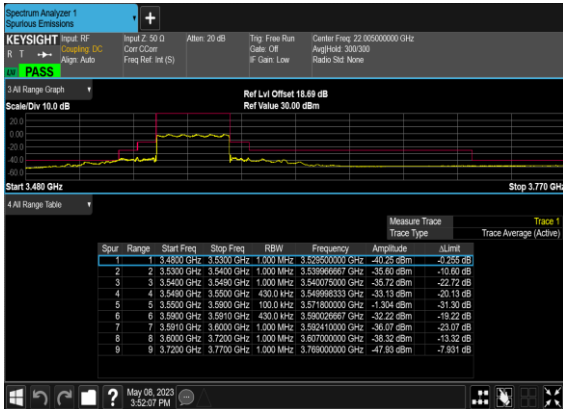
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Low_CH_chp_PASS



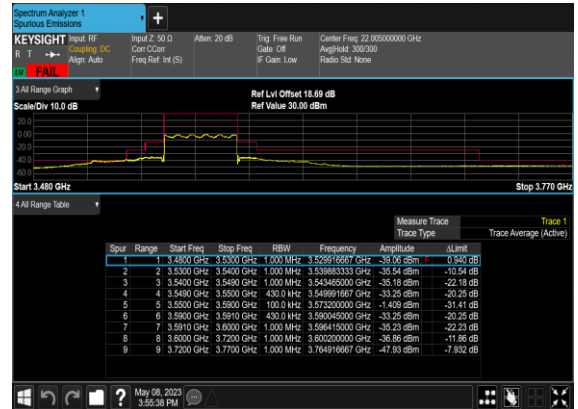
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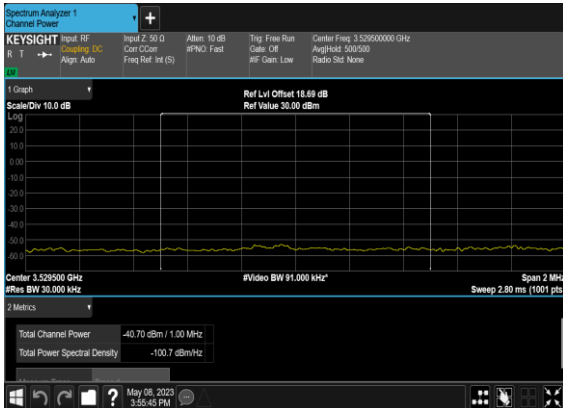
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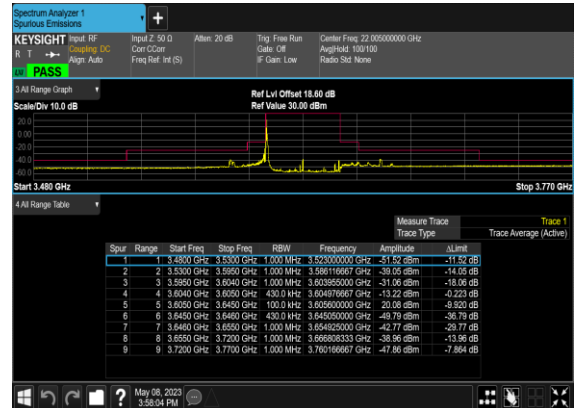
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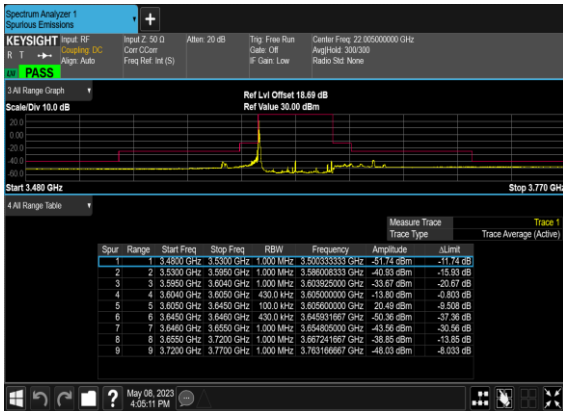
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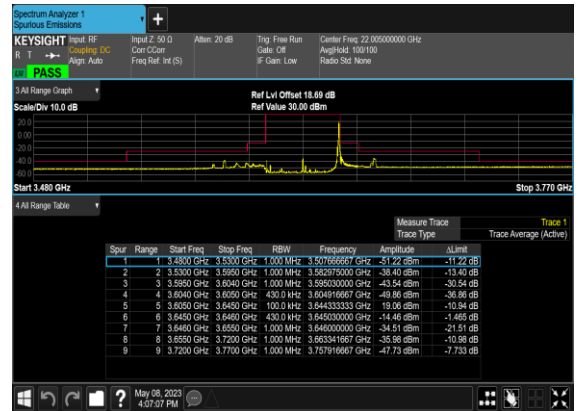
N48(40M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



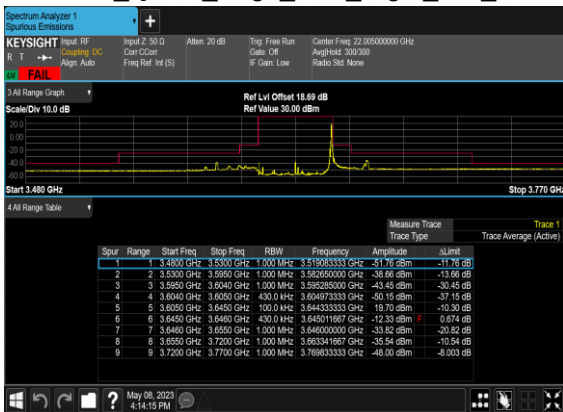
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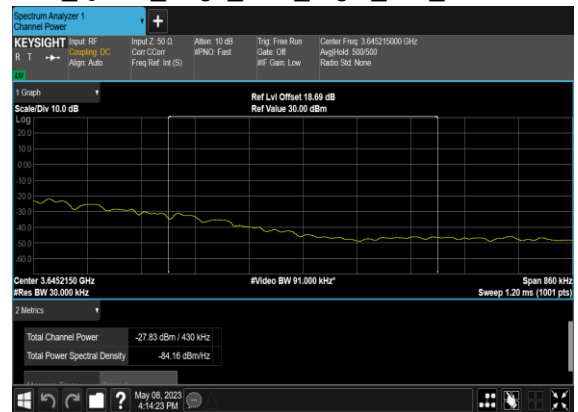
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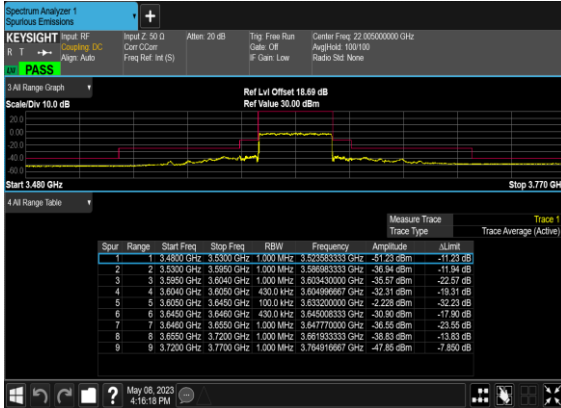
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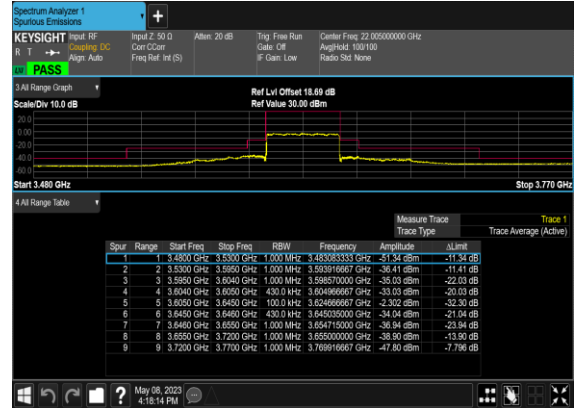
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Mid_CH_CHP_PASS



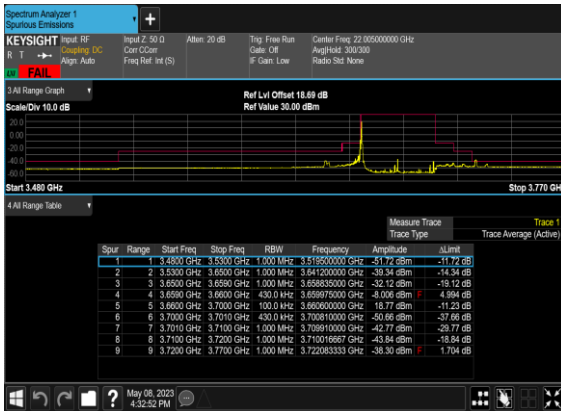
N48(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



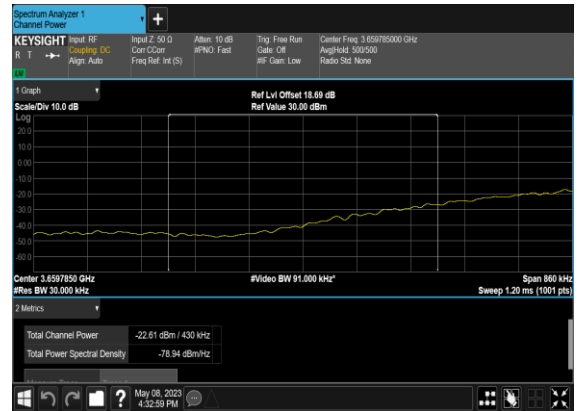
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OFDM_QPSK_Outer_Full_Mid_CH



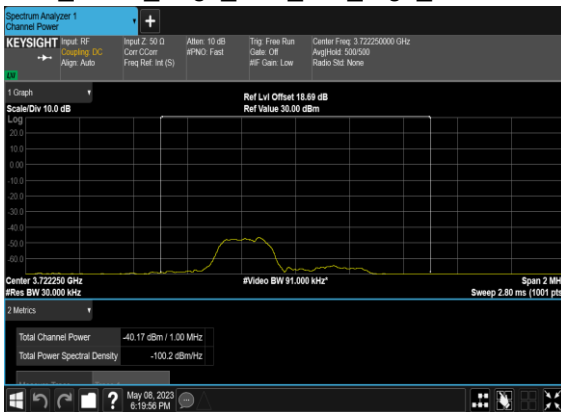
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OFDM_BPSK_Edge_1RB_Left_High_CH



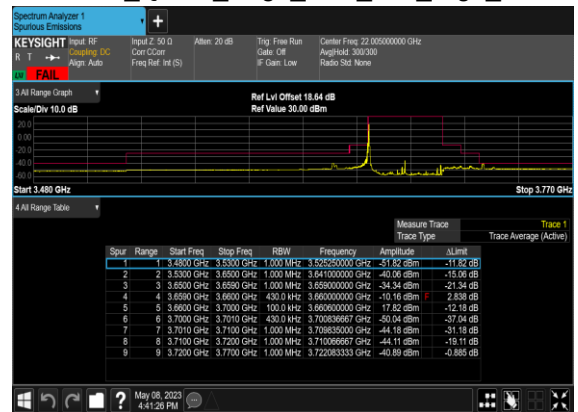
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OFDM_BPSK_Edge_1RB_Left_High_CH_CHP_PASS



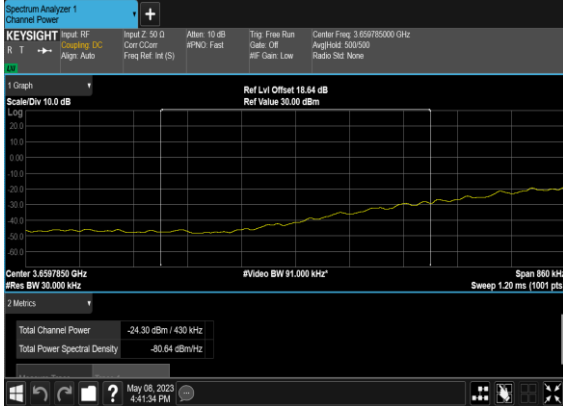
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OFDM_BPSK_Edge_1RB_Left_High_CH_CHP_Pass



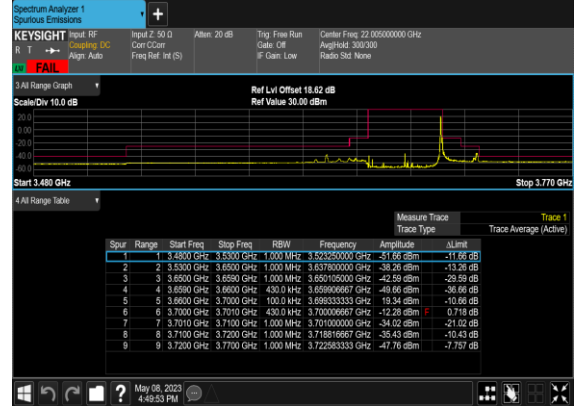
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OFDM_QPSK_Edge_1RB_Left_High_CH



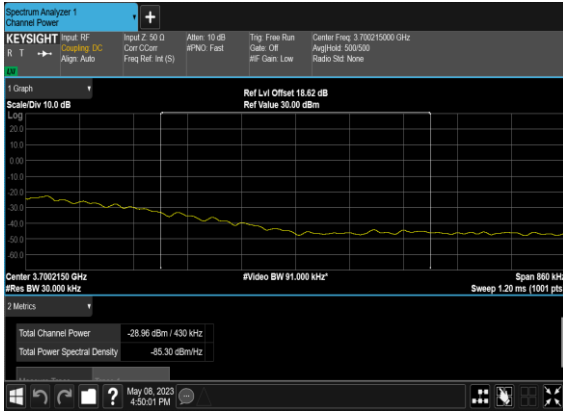
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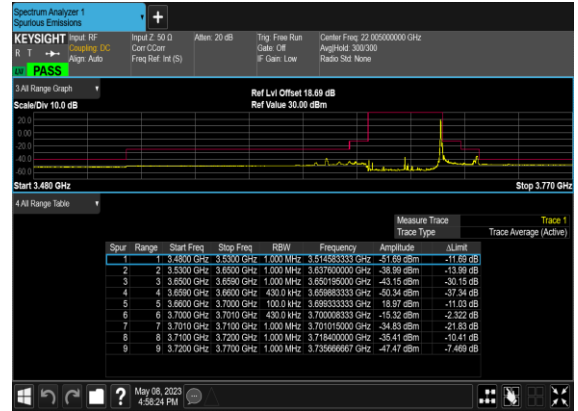
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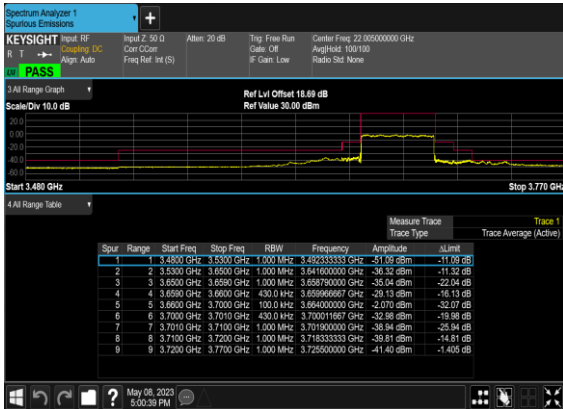
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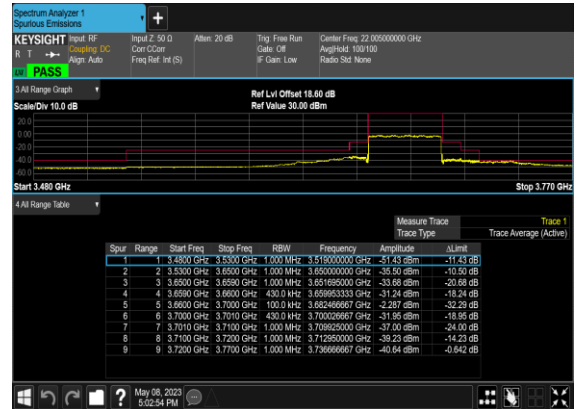
N48(40M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



N48(40M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N48(40M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



FR1 N48 (MIMO ANT1) – SCS15kHz

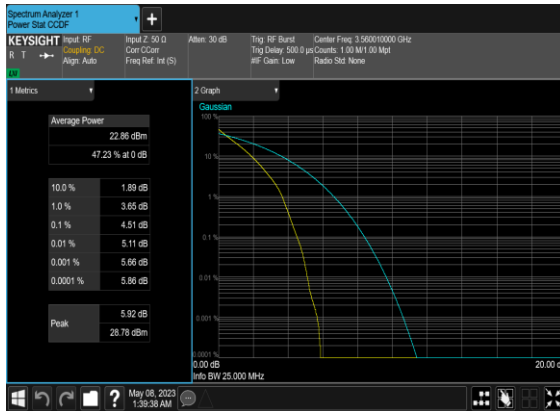
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0042	PASS	NV
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0064	PASS	LV
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0027	PASS	HV
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0055	PASS	-30°C
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0059	PASS	-20°C
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0035	PASS	-10°C
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0056	PASS	0°C
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0043	PASS	10°C
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0042	PASS	20°C
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0027	PASS	30°C
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0043	PASS	40°C
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	0.0036	PASS	50°C

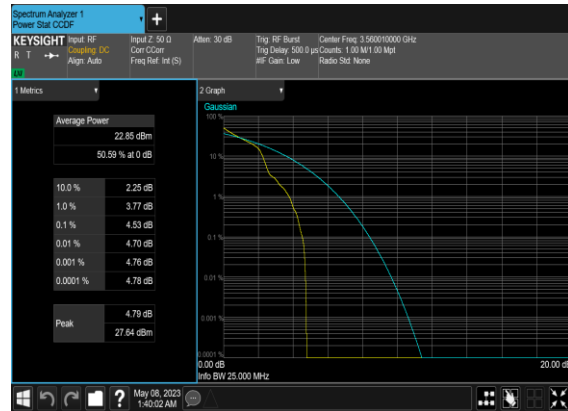
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
48	15	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	100@0	4.51	13	PASS
48	15	20	637334	3560.01	DFT-s-OFDM PI/2 BPSK	1@0	4.53	13	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	100@0	5.68	13	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	5.46	13	PASS
48	15	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	100@0	4.38	13	PASS
48	15	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	1@0	4.93	13	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	5.65	13	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	5.97	13	PASS
48	15	20	646000	3690.0	DFT-s-OFDM PI/2 BPSK	100@0	4.43	13	PASS
48	15	20	646000	3690.0	DFT-s-OFDM PI/2 BPSK	1@0	5.18	13	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	100@0	5.7	13	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	6.69	13	PASS

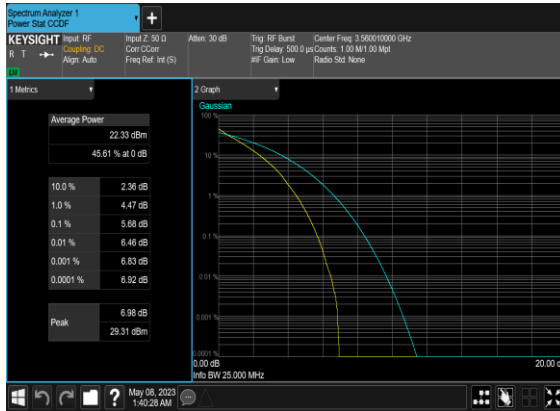
N48(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



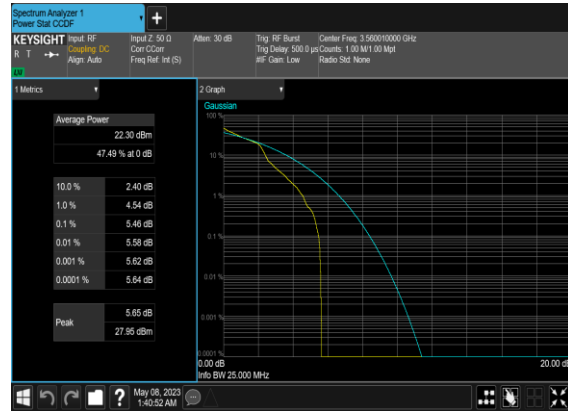
N48(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH



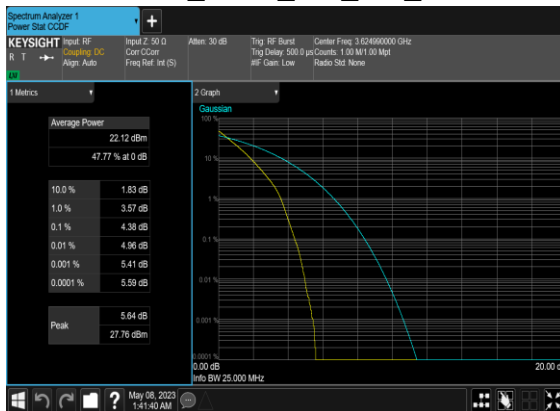
N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



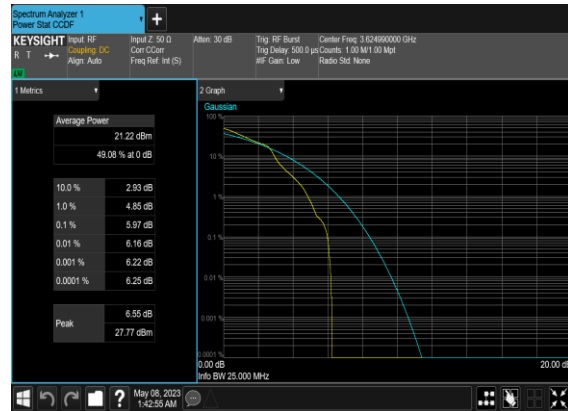
N48(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



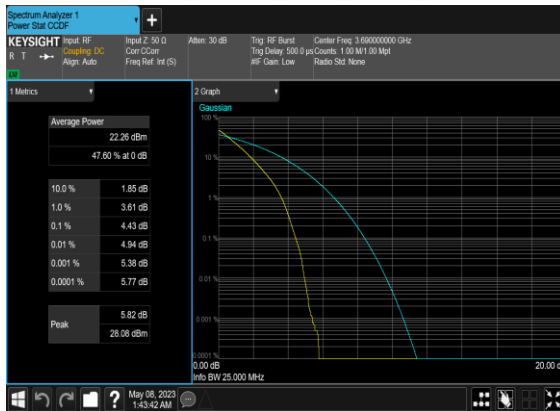
N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



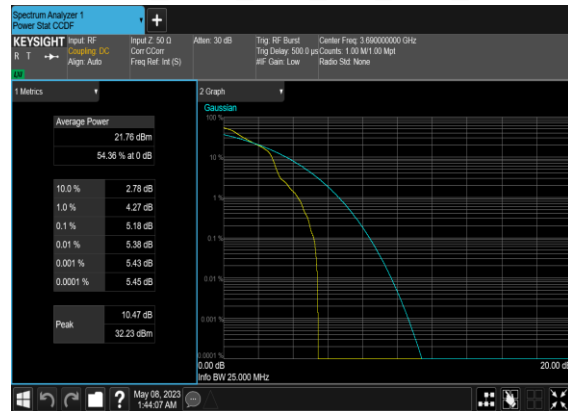
N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



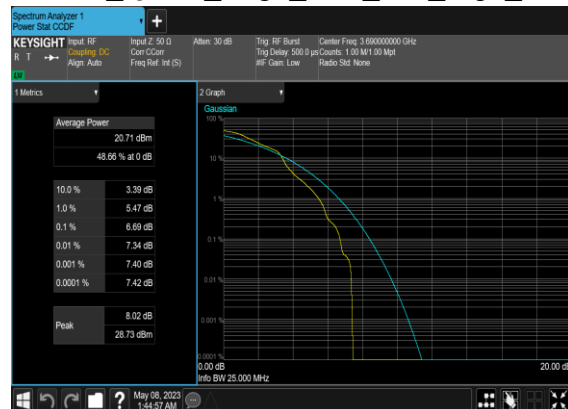
N48(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



N48(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N48(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

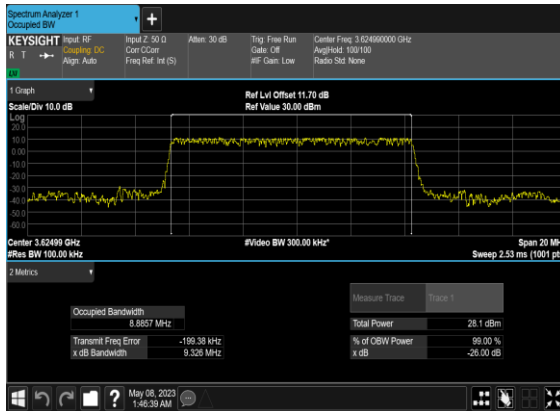


Occupied Bandwidth

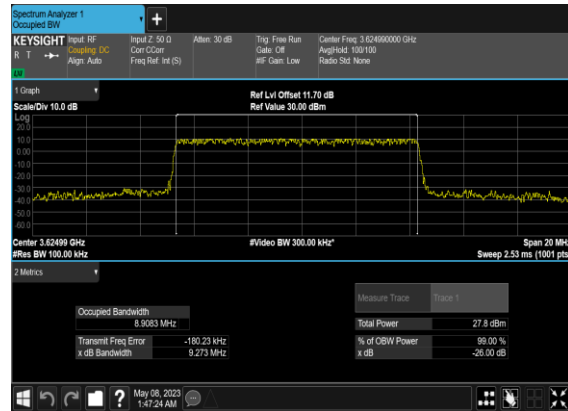
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
48	15	10	641666	3624.99	DFT-s-OFDM PI/2 BPSK	50@0	8.8857	9.326
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	50@0	8.9083	9.273
48	15	10	641666	3624.99	CP-OFDM QPSK	52@0	9.2496	9.652
48	15	10	641666	3624.99	CP-OFDM 16 QAM	52@0	9.2773	9.712
48	15	10	641666	3624.99	CP-OFDM 64 QAM	52@0	9.2747	9.801
48	15	10	641666	3624.99	CP-OFDM 256 QAM	52@0	9.2663	9.71
48	15	15	641666	3624.99	DFT-s-OFDM PI/2 BPSK	75@0	13.359	13.85
48	15	15	641666	3624.99	DFT-s-OFDM QPSK	75@0	13.386	13.93
48	15	15	641666	3624.99	CP-OFDM QPSK	79@0	14.068	14.64
48	15	15	641666	3624.99	CP-OFDM 16 QAM	79@0	14.135	14.63
48	15	15	641666	3624.99	CP-OFDM 64 QAM	79@0	14.107	14.57
48	15	15	641666	3624.99	CP-OFDM 256 QAM	79@0	14.056	14.71
48	15	20	641666	3624.99	DFT-s-OFDM PI/2 BPSK	100@0	17.952	18.56
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	17.849	18.49
48	15	20	641666	3624.99	CP-OFDM QPSK	106@0	18.906	19.63
48	15	20	641666	3624.99	CP-OFDM 16 QAM	106@0	18.828	19.58
48	15	20	641666	3624.99	CP-OFDM 64 QAM	106@0	18.938	19.53
48	15	20	641666	3624.99	CP-OFDM 256 QAM	106@0	18.911	20.12
48	15	30	641666	3624.99	DFT-s-OFDM PI/2 BPSK	160@0	28.537	29.47
48	15	30	641666	3624.99	DFT-s-OFDM QPSK	160@0	28.654	29.55
48	15	30	641666	3624.99	CP-OFDM QPSK	160@0	28.586	29.46
48	15	30	641666	3624.99	CP-OFDM 16 QAM	160@0	28.547	29.57
48	15	30	641666	3624.99	CP-OFDM 64 QAM	160@0	28.572	29.64
48	15	30	641666	3624.99	CP-OFDM 256 QAM	160@0	28.586	29.56

48	15	40	641666	3624.99	DFT-s-OFDM PI/2 BPSK	216@0	38.417	39.85
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	216@0	38.531	39.75
48	15	40	641666	3624.99	CP-OFDM QPSK	216@0	38.577	39.86
48	15	40	641666	3624.99	CP-OFDM 16 QAM	216@0	38.57	39.84
48	15	40	641666	3624.99	CP-OFDM 64 QAM	216@0	38.577	39.85
48	15	40	641666	3624.99	CP-OFDM 256 QAM	216@0	38.573	39.87

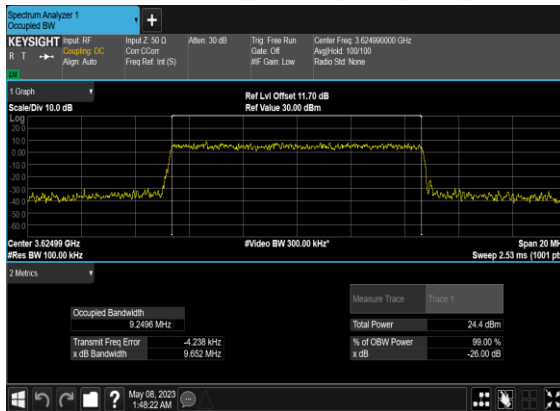
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BPSK_Outer_Full_Mid_CH



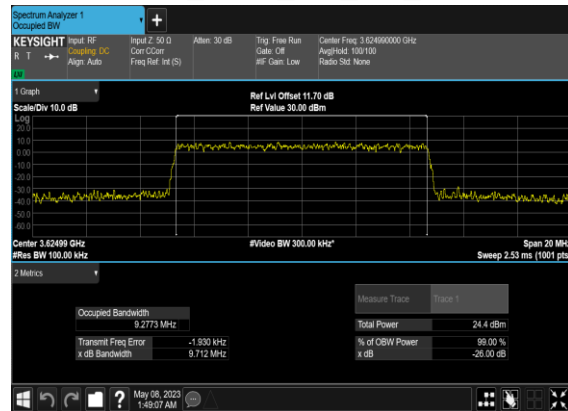
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OFDM_QPSK_Outer_Full_Mid_CH



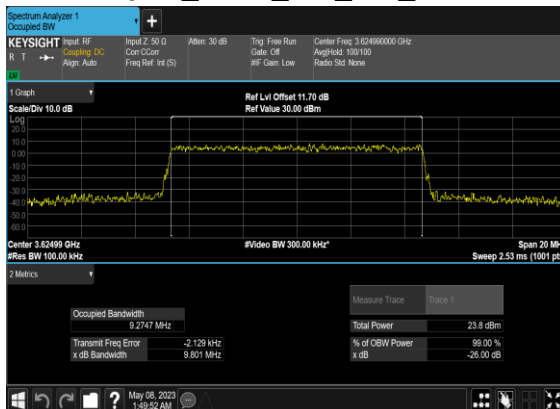
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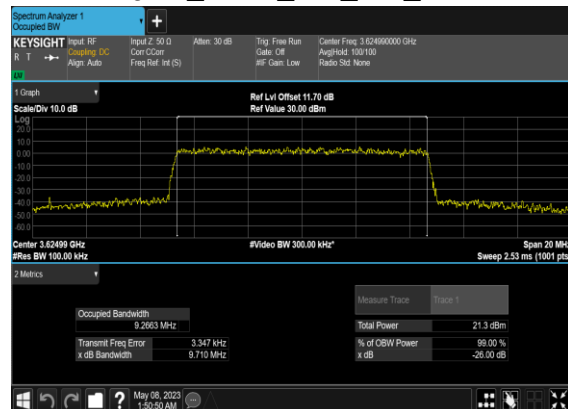
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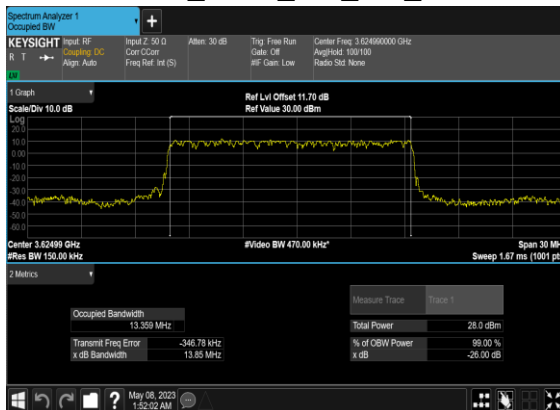
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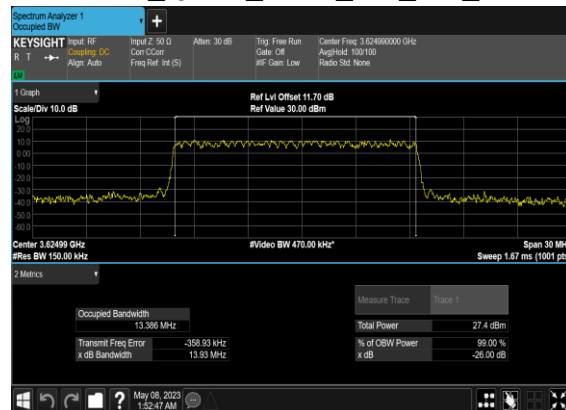
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QAM_Outer_Full_Mid_CH



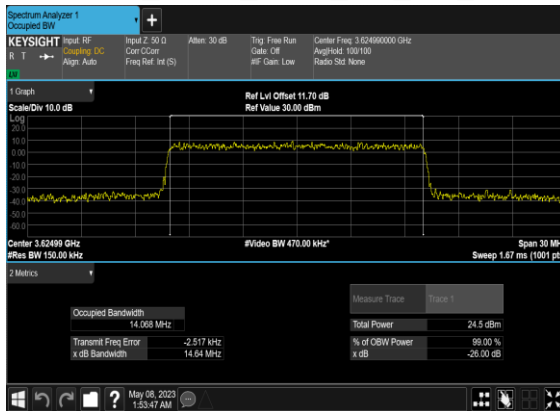
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BPSK_Outer_Full_Mid_CH



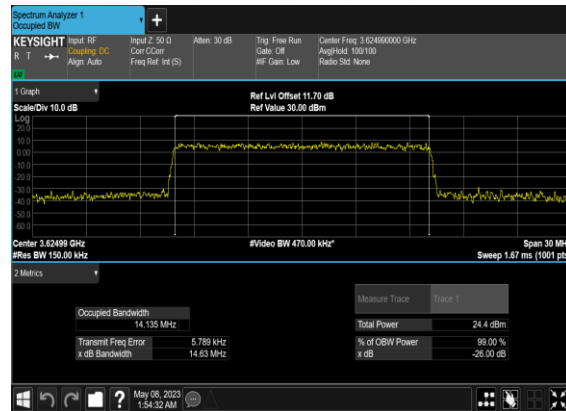
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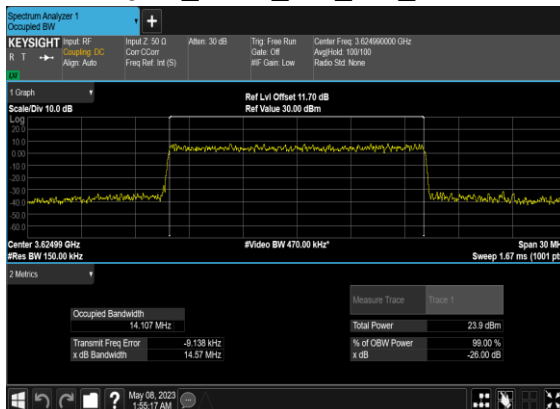
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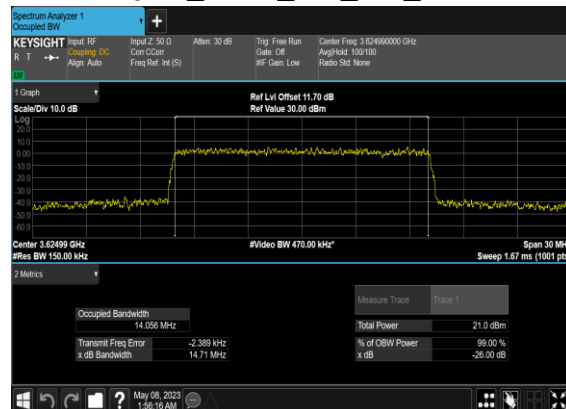
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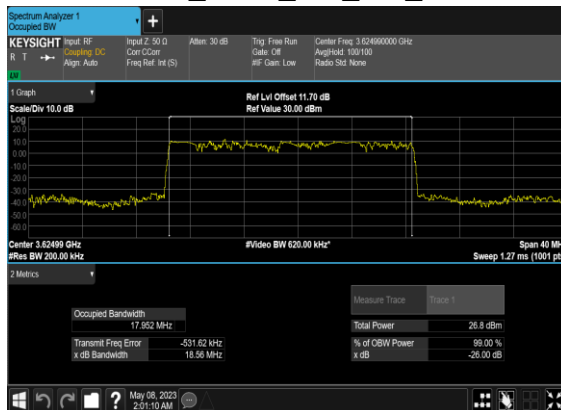
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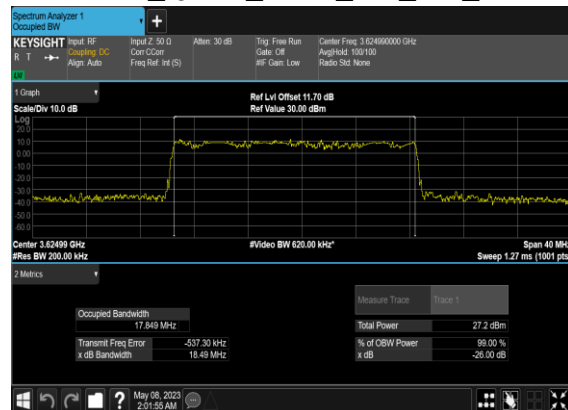
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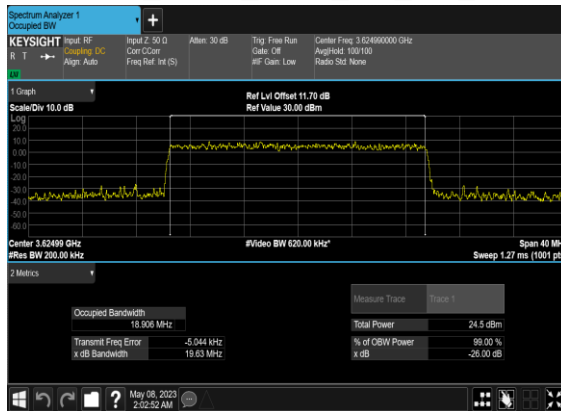
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BPSK_Outer_Full_Mid_CH



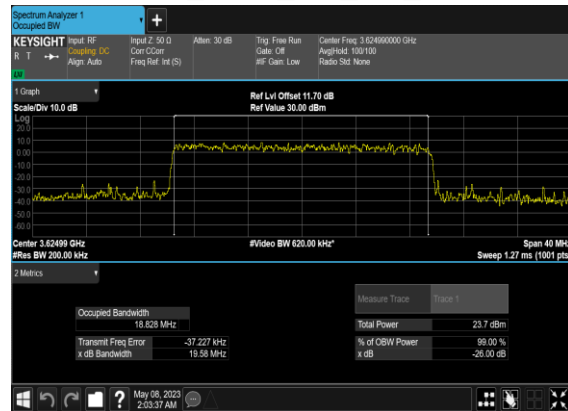
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OFDM_QPSK_Outer_Full_Mid_CH



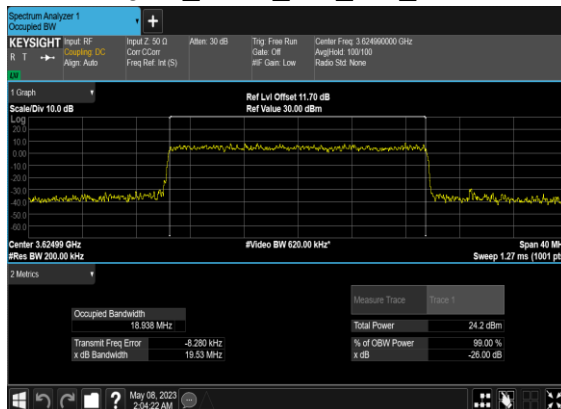
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OFDM_QPSK_Outer_Full_Mid_CH



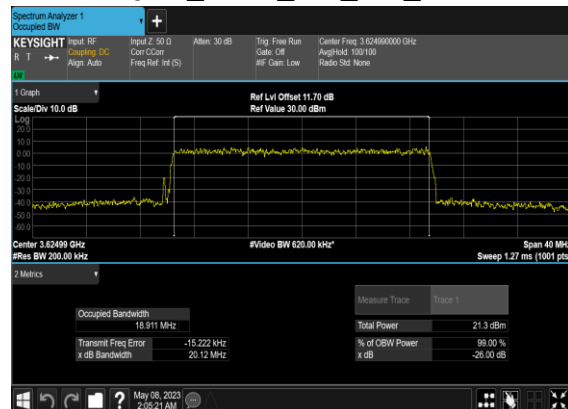
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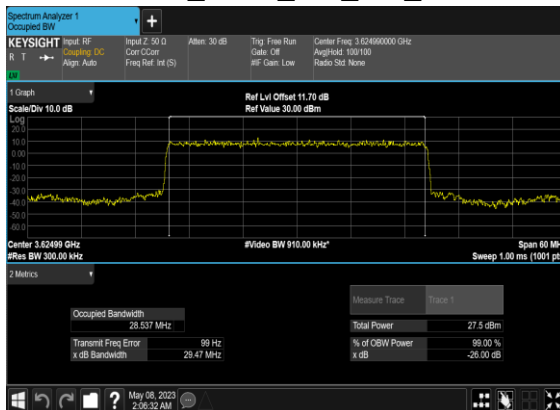
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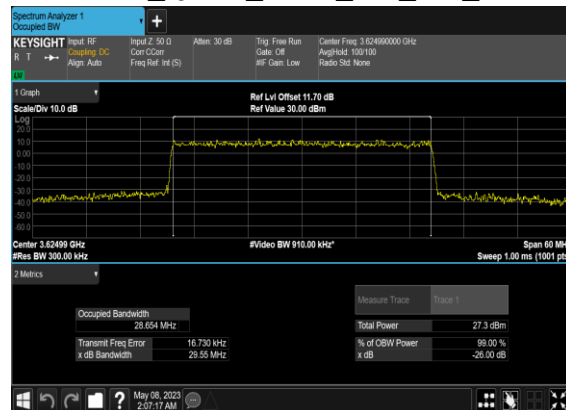
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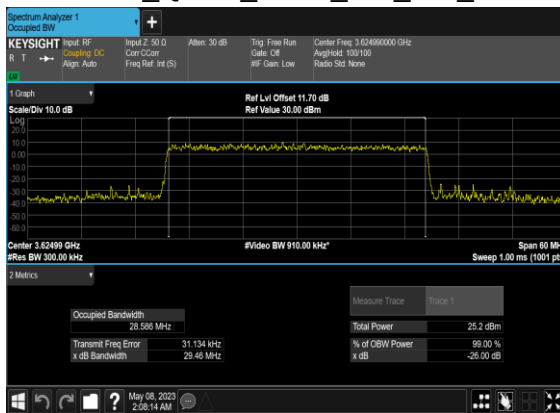
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BPSK_Outer_Full_Mid_CH



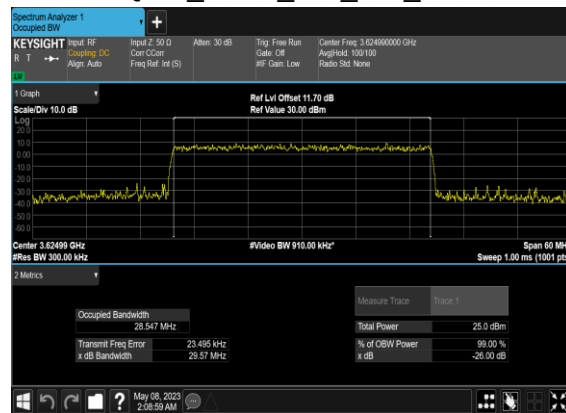
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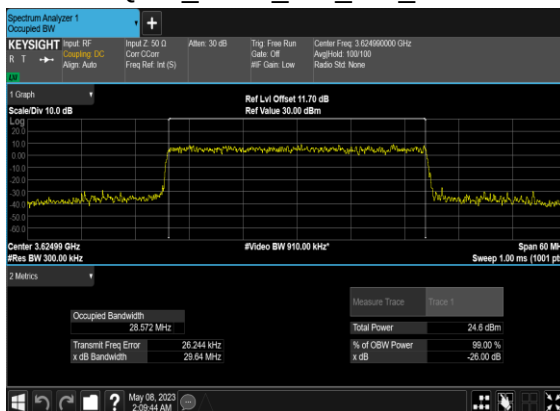
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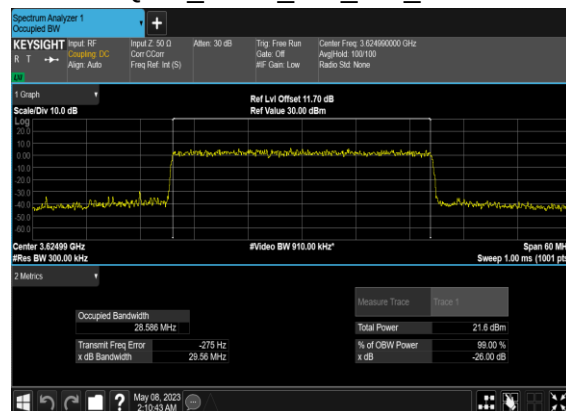
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QAM_Outer_Full_Mid_CH



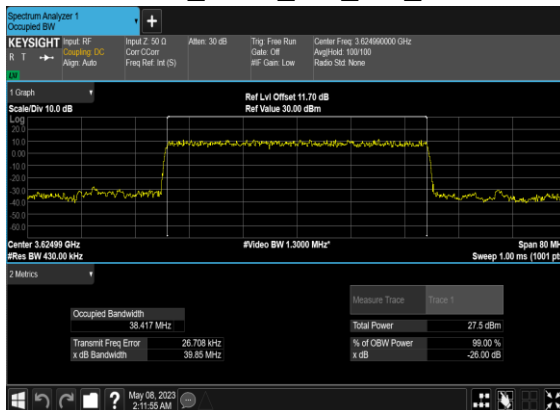
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QAM_Outer_Full_Mid_CH



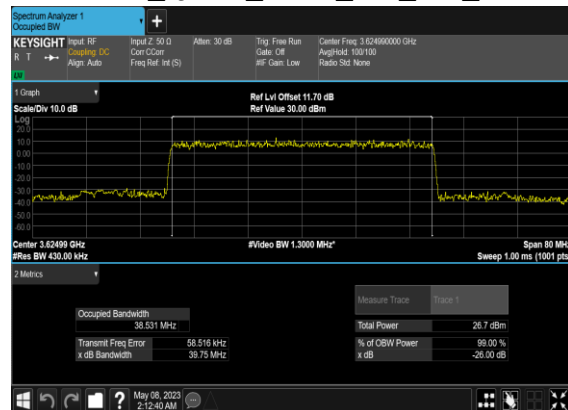
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QAM_Outer_Full_Mid_CH



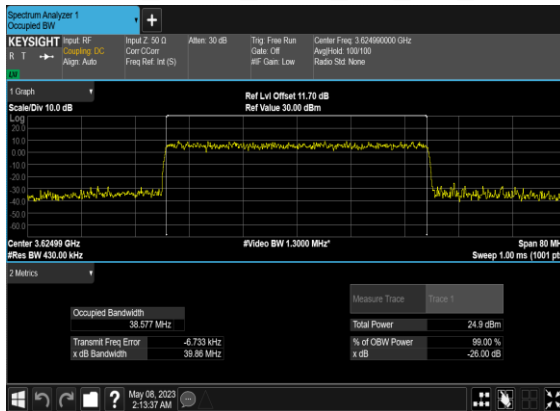
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BPSK_Outer_Full_Mid_CH



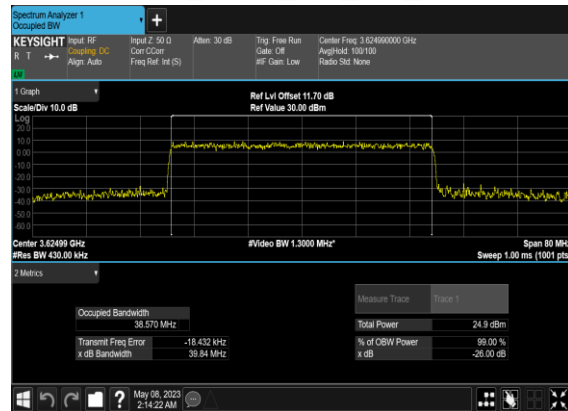
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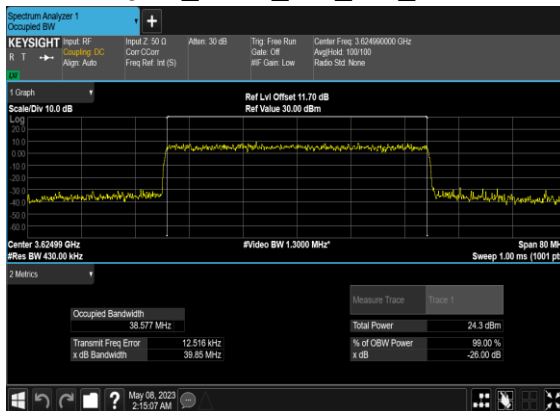
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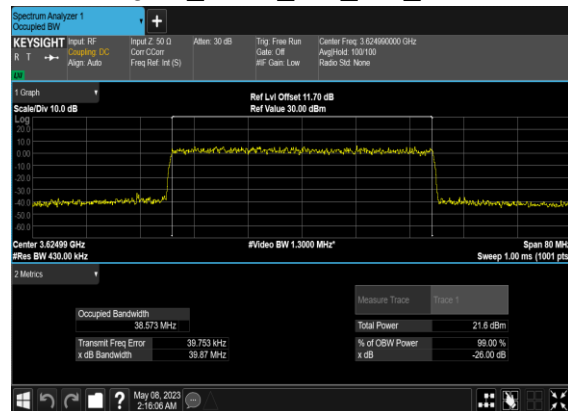
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QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



Power Spectral Density

NR Band	SCS (kHz)	Band width (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted PSD (dBm/MHz)	EIRP PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@1	18.06	36.05	37	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@50	18.31	36.3	37	PASS
48	15	10	637000	3555.0	DFT-s-OFDM 16 QAM	1@1	18.29	36.28	37	PASS
48	15	10	637000	3555.0	DFT-s-OFDM 16 QAM	1@50	18.17	36.16	37	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	25@12	17.77	35.76	37	PASS
48	15	10	637000	3555.0	DFT-s-OFDM 16 QAM	25@12	16.21	34.2	37	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@1	17.59	35.58	37	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@50	18.19	36.18	37	PASS
48	15	10	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	17.6	35.59	37	PASS
48	15	10	641666	3624.99	DFT-s-OFDM 16 QAM	1@50	17.42	35.41	37	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	25@12	16.75	34.74	37	PASS
48	15	10	641666	3624.99	DFT-s-OFDM 16 QAM	25@12	16.04	34.03	37	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@1	17.96	35.95	37	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@50	17.55	35.54	37	PASS
48	15	10	646332	3694.98	DFT-s-OFDM 16 QAM	1@1	17.68	35.67	37	PASS
48	15	10	646332	3694.98	DFT-s-OFDM 16 QAM	1@50	18.17	36.16	37	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	25@12	17.28	35.27	37	PASS
48	15	10	646332	3694.98	DFT-s-OFDM 16 QAM	25@12	16.2	34.19	37	PASS
48	15	15	637168	3557.52	DFT-s-OFDM QPSK	1@1	18.36	36.35	37	PASS
48	15	15	637168	3557.52	DFT-s-OFDM QPSK	1@77	18.2	36.19	37	PASS
48	15	15	637168	3557.52	DFT-s-OFDM 16 QAM	1@1	18.45	36.44	37	PASS
48	15	15	637168	3557.52	DFT-s-OFDM 16 QAM	1@77	17.85	35.84	37	PASS

48	15	15	637168	3557.52	DFT-s-OFDM QPSK	36@18	15.74	33.73	37	PASS
48	15	15	637168	3557.52	DFT-s-OFDM 16 QAM	36@18	14.92	32.91	37	PASS
48	15	15	641666	3624.99	DFT-s-OFDM QPSK	1@1	18.39	36.38	37	PASS
48	15	15	641666	3624.99	DFT-s-OFDM QPSK	1@77	17.77	35.76	37	PASS
48	15	15	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	17.76	35.75	37	PASS
48	15	15	641666	3624.99	DFT-s-OFDM 16 QAM	1@77	18.18	36.17	37	PASS
48	15	15	641666	3624.99	DFT-s-OFDM QPSK	36@18	15.55	33.54	37	PASS
48	15	15	641666	3624.99	DFT-s-OFDM 16 QAM	36@18	14.3	32.29	37	PASS
48	15	15	646166	3692.49	DFT-s-OFDM QPSK	1@1	17.85	35.84	37	PASS
48	15	15	646166	3692.49	DFT-s-OFDM QPSK	1@77	17.96	35.95	37	PASS
48	15	15	646166	3692.49	DFT-s-OFDM 16 QAM	1@1	17.49	35.48	37	PASS
48	15	15	646166	3692.49	DFT-s-OFDM 16 QAM	1@77	17.93	35.92	37	PASS
48	15	15	646166	3692.49	DFT-s-OFDM QPSK	36@18	15.13	33.12	37	PASS
48	15	15	646166	3692.49	DFT-s-OFDM 16 QAM	36@18	14.43	32.42	37	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@1	18.86	36.85	37	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@104	18.42	36.41	37	PASS
48	15	20	637334	3560.01	DFT-s-OFDM 16 QAM	1@1	18.48	36.47	37	PASS
48	15	20	637334	3560.01	DFT-s-OFDM 16 QAM	1@104	18.07	36.05	37	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	50@25	14.79	32.78	37	PASS
48	15	20	637334	3560.01	DFT-s-OFDM 16 QAM	50@25	13.52	31.51	37	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@1	18.09	36.08	37	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@104	17.48	35.47	37	PASS
48	15	20	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	17.69	35.68	37	PASS
48	15	20	641666	3624.99	DFT-s-OFDM 16 QAM	1@104	18.05	36.04	37	PASS

48	15	20	641666	3624.99	DFT-s-OFDM QPSK	50@25	14.47	32.46	37	PASS
48	15	20	641666	3624.99	DFT-s-OFDM 16 QAM	50@25	13.1	31.09	37	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@1	17.63	35.62	37	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@104	18.16	36.15	37	PASS
48	15	20	646000	3690.0	DFT-s-OFDM 16 QAM	1@1	17.09	35.08	37	PASS
48	15	20	646000	3690.0	DFT-s-OFDM 16 QAM	1@104	18.25	36.24	37	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	50@25	13.93	31.92	37	PASS
48	15	20	646000	3690.0	DFT-s-OFDM 16 QAM	50@25	13.29	31.28	37	PASS
48	15	30	637667	3565.005	DFT-s-OFDM QPSK	1@1	18.7	36.69	37	PASS
48	15	30	637667	3565.005	DFT-s-OFDM QPSK	1@158	18.34	36.33	37	PASS
48	15	30	637667	3565.005	DFT-s-OFDM 16 QAM	1@1	18.14	36.13	37	PASS
48	15	30	637667	3565.005	DFT-s-OFDM 16 QAM	1@158	18.22	36.21	37	PASS
48	15	30	637667	3565.005	DFT-s-OFDM QPSK	80@40	12.47	30.46	37	PASS
48	15	30	637667	3565.005	DFT-s-OFDM 16 QAM	80@40	11.38	29.36	37	PASS
48	15	30	641666	3624.99	DFT-s-OFDM QPSK	1@1	18.3	36.29	37	PASS
48	15	30	641666	3624.99	DFT-s-OFDM QPSK	1@158	18.26	36.25	37	PASS
48	15	30	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	18.17	36.16	37	PASS
48	15	30	641666	3624.99	DFT-s-OFDM 16 QAM	1@158	18.28	36.27	37	PASS
48	15	30	641666	3624.99	DFT-s-OFDM QPSK	80@40	12.61	30.6	37	PASS
48	15	30	641666	3624.99	DFT-s-OFDM 16 QAM	80@40	11.72	29.71	37	PASS
48	15	30	645666	3684.99	DFT-s-OFDM QPSK	1@1	18.82	36.81	37	PASS
48	15	30	645666	3684.99	DFT-s-OFDM QPSK	1@158	18.51	36.5	37	PASS
48	15	30	645666	3684.99	DFT-s-OFDM 16 QAM	1@1	18.2	36.19	37	PASS
48	15	30	645666	3684.99	DFT-s-OFDM 16 QAM	1@158	18.21	36.2	37	PASS

48	15	30	645666	3684.99	DFT-s-OFDM QPSK	80@40	13.03	31.02	37	PASS
48	15	30	645666	3684.99	DFT-s-OFDM 16 QAM	80@40	11.75	29.74	37	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@1	18.4	36.39	37	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@214	18.79	36.78	37	PASS
48	15	40	638000	3570.0	DFT-s-OFDM 16 QAM	1@1	17.8	35.79	37	PASS
48	15	40	638000	3570.0	DFT-s-OFDM 16 QAM	1@214	18.42	36.41	37	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	108@54	11.35	29.34	37	PASS
48	15	40	638000	3570.0	DFT-s-OFDM 16 QAM	108@54	10.47	28.46	37	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@1	17.82	35.81	37	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@214	18.24	36.23	37	PASS
48	15	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@1	17.0	34.99	37	PASS
48	15	40	641666	3624.99	DFT-s-OFDM 16 QAM	1@214	18.26	36.25	37	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	108@54	11.54	29.53	37	PASS
48	15	40	641666	3624.99	DFT-s-OFDM 16 QAM	108@54	9.92	27.91	37	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@1	17.79	35.78	37	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@214	18.34	36.33	37	PASS
48	15	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@1	17.79	35.78	37	PASS
48	15	40	645332	3679.98	DFT-s-OFDM 16 QAM	1@214	17.74	35.73	37	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	108@54	10.99	28.98	37	PASS
48	15	40	645332	3679.98	DFT-s-OFDM 16 QAM	108@54	10.01	28.0	37	PASS

Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	---
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	---
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@51	see graph	---
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@51	see graph	---
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	50@0	see graph	---
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	50@0	see graph	---
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	15	10	637000	3555.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	---
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	---

48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	1@51	see graph	---
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	1@51	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	1@51	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@51	see graph	---
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@51	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	1@51	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	50@0	see graph	---
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	50@0	see graph	---
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	15	10	641666	3624.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	1@0	see graph	---
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	see graph	---
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	1@51	see graph	---
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	1@51	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	1@51	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@51	see graph	---

48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@51	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	1@51	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	50@0	see graph	---
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM BPSK	50@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	50@0	see graph	---
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	15	10	646332	3694.98	DFT-s-OFDM QPSK	50@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	1@0	see graph	---
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	see graph	---
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	1@105	see graph	---
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@105	see graph	---
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	100@0	see graph	---
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	100@0	see graph	---

48	15	20	637334	3560.01	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	20	637334	3560.01	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	---
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	---
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	1@105	see graph	---
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@105	see graph	---
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	100@0	see graph	---
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	see graph	---
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	20	641666	3624.99	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	1@0	see graph	---
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	see graph	---

48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	1@105	see graph	---
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@105	see graph	---
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	100@0	see graph	---
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	100@0	see graph	---
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	20	646000	3690.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	1@0	see graph	---
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@0	see graph	---
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	1@215	see graph	---
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@215	see graph	---

48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	216@0	see graph	---
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	216@0	see graph	---
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
48	15	40	638000	3570.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	---
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	---
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	1@215	see graph	---
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	1@215	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	1@215	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@215	see graph	---
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@215	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	1@215	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	216@0	see graph	---
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	216@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM BPSK	216@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	216@0	see graph	---

48	15	40	641666	3624.99	DFT-s-OFDM QPSK	216@0	see graph	PASS
48	15	40	641666	3624.99	DFT-s-OFDM QPSK	216@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	1@0	see graph	---
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@0	see graph	---
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	1@215	see graph	---
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	1@215	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	1@215	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@215	see graph	---
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@215	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	1@215	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	216@0	see graph	---
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	216@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM BPSK	216@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	216@0	see graph	---
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	216@0	see graph	PASS
48	15	40	645332	3679.98	DFT-s-OFDM QPSK	216@0	see graph	PASS