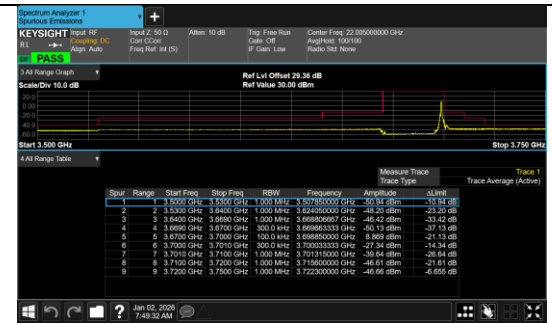


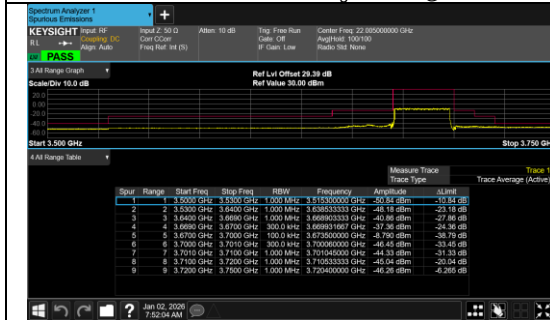




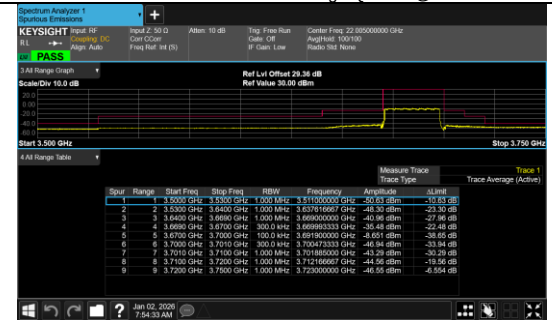
Conducted Band Edge
Band 48 30MHz/3684.99/High BPSK 1@77



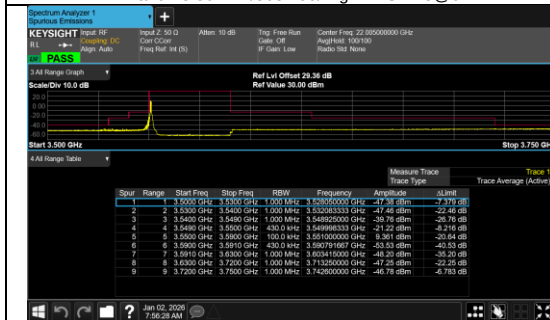
Conducted Band Edge
Band 48 30MHz/3684.99/High QPSK 1@77



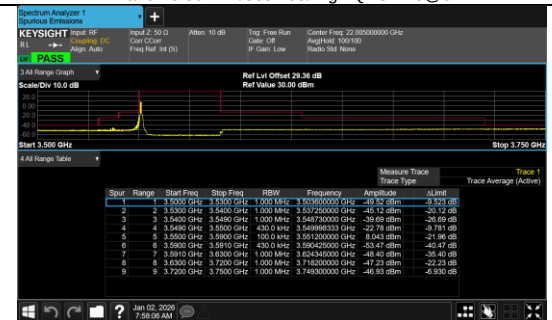
Conducted Band Edge
Band 48 30MHz/3684.99/High BPSK 75@0



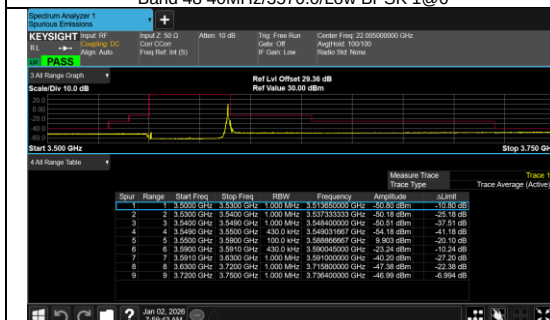
Conducted Band Edge
Band 48 30MHz/3684.99/High QPSK 75@0



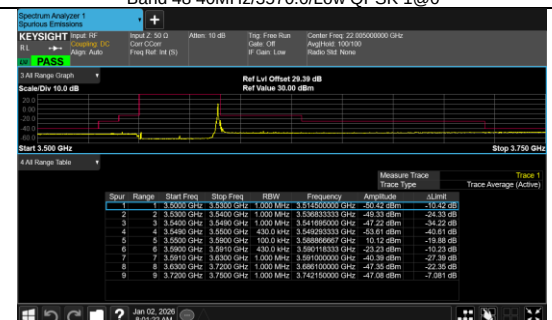
Conducted Band Edge
Band 48 40MHz/3570.0/Low BPSK 1@0



Conducted Band Edge
Band 48 40MHz/3570.0/Low QPSK 1@0



Conducted Band Edge
Band 48 40MHz/3570.0/Low BPSK 1@105



Conducted Band Edge
Band 48 40MHz/3570.0/Low QPSK 1@105







Software Version: 23.06.1602

FR1 N48 MIMO-ANT8+4

Transmitter Conducted Output Power And EIRP, (GT - LC)=-2 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	ANT8 Power(dBm)	ANT4 Power(dBm)	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
48	30	10	637000	3555	CP-OFDM QPSK	1@1	20.58	20.94	23.77	21.77	0.1505
48	30	10	637000	3555	CP-OFDM QPSK	1@0	19.12	19.21	22.18	20.18	0.1041
48	30	10	637000	3555	CP-OFDM QPSK	1@22	20.71	20.71	23.72	21.72	0.1486
48	30	10	637000	3555	CP-OFDM QPSK	2@0	19.00	19.32	22.17	20.17	0.1041
48	30	10	637000	3555	CP-OFDM QPSK	12@6	20.42	20.68	23.56	21.56	0.1433
48	30	10	637000	3555	CP-OFDM QPSK	2@22	19.01	19.21	22.12	20.12	0.1028
48	30	10	637000	3555	CP-OFDM QPSK	24@0	19.02	19.17	22.11	20.11	0.1025
48	30	10	637000	3555	CP-OFDM 16 QAM	1@1	20.01	20.22	23.13	21.13	0.1296
48	30	10	637000	3555	CP-OFDM 64 QAM	1@1	18.53	18.84	21.70	19.70	0.0933
48	30	10	637000	3555	CP-OFDM 256 QAM	1@1	15.49	15.87	18.69	16.69	0.0467
48	30	10	637000	3555	CP-OFDM QPSK	24@0	18.98	19.22	22.11	20.11	0.1026
48	30	10	637000	3555	CP-OFDM 16 QAM	24@0	18.98	19.27	22.14	20.14	0.1032
48	30	10	637000	3555	CP-OFDM 64 QAM	24@0	18.66	18.83	21.76	19.76	0.0945
48	30	10	637000	3555	CP-OFDM 256 QAM	24@0	15.53	15.81	18.68	16.68	0.0466
48	30	10	641666	3624.99	CP-OFDM QPSK	1@1	20.84	21.05	23.96	21.96	0.1569
48	30	10	641666	3624.99	CP-OFDM QPSK	1@0	19.31	19.55	22.44	20.44	0.1107
48	30	10	641666	3624.99	CP-OFDM QPSK	1@22	20.79	21.03	23.92	21.92	0.1557
48	30	10	641666	3624.99	CP-OFDM QPSK	2@0	19.26	19.48	22.38	20.38	0.1092
48	30	10	641666	3624.99	CP-OFDM QPSK	12@6	20.79	20.87	23.84	21.84	0.1528
48	30	10	641666	3624.99	CP-OFDM QPSK	2@22	19.16	19.35	22.27	20.27	0.1063
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	19.32	19.44	22.39	20.39	0.1094
48	30	10	641666	3624.99	CP-OFDM 16 QAM	1@1	20.44	20.38	23.42	21.42	0.1387
48	30	10	641666	3624.99	CP-OFDM 64 QAM	1@1	18.80	18.97	21.90	19.90	0.0976
48	30	10	641666	3624.99	CP-OFDM 256 QAM	1@1	15.66	16.06	18.87	16.87	0.0487
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	19.27	19.40	22.35	20.35	0.1083
48	30	10	641666	3624.99	CP-OFDM 16 QAM	24@0	19.31	19.37	22.35	20.35	0.1084
48	30	10	641666	3624.99	CP-OFDM 64 QAM	24@0	18.86	19.00	21.94	19.94	0.0986
48	30	10	641666	3624.99	CP-OFDM 256 QAM	24@0	15.85	15.98	18.93	16.93	0.0493
48	30	10	646332	3694.98	CP-OFDM QPSK	1@1	20.91	21.02	23.98	21.98	0.1576
48	30	10	646332	3694.98	CP-OFDM QPSK	1@0	19.38	19.44	22.42	20.42	0.1102
48	30	10	646332	3694.98	CP-OFDM QPSK	1@22	20.86	20.96	23.92	21.92	0.1556
48	30	10	646332	3694.98	CP-OFDM QPSK	2@0	19.38	19.20	22.30	20.30	0.1072
48	30	10	646332	3694.98	CP-OFDM QPSK	12@6	20.85	20.78	23.83	21.83	0.1522
48	30	10	646332	3694.98	CP-OFDM QPSK	2@22	19.33	19.22	22.29	20.29	0.1068



48	30	10	646332	3694.98	CP-OFDM QPSK	24@0	19.31	19.28	22.31	20.31	0.1073
48	30	10	646332	3694.98	CP-OFDM 16 QAM	1@1	20.28	20.30	23.30	21.30	0.1349
48	30	10	646332	3694.98	CP-OFDM 64 QAM	1@1	18.85	18.78	21.83	19.83	0.0961
48	30	10	646332	3694.98	CP-OFDM 256 QAM	1@1	15.97	15.71	18.85	16.85	0.0484
48	30	10	646332	3694.98	CP-OFDM QPSK	24@0	19.33	19.31	22.33	20.33	0.1079
48	30	10	646332	3694.98	CP-OFDM 16 QAM	24@0	19.28	19.30	22.30	20.30	0.1072
48	30	10	646332	3694.98	CP-OFDM 64 QAM	24@0	18.87	18.88	21.89	19.89	0.0974
48	30	10	646332	3694.98	CP-OFDM 256 QAM	24@0	15.91	15.82	18.88	16.88	0.0487
48	30	15	637168	3557.52	CP-OFDM QPSK	1@1	16.15	16.26	19.22	17.22	0.0527
48	30	15	637168	3557.52	CP-OFDM QPSK	1@0	16.13	16.27	19.21	17.21	0.0526
48	30	15	637168	3557.52	CP-OFDM QPSK	1@36	20.81	20.81	23.82	21.82	0.1521
48	30	15	637168	3557.52	CP-OFDM QPSK	2@0	15.96	16.32	19.15	17.15	0.0519
48	30	15	637168	3557.52	CP-OFDM QPSK	19@9	20.50	20.64	23.58	21.58	0.1439
48	30	15	637168	3557.52	CP-OFDM QPSK	2@36	19.22	19.35	22.30	20.30	0.1070
48	30	15	637168	3557.52	CP-OFDM QPSK	38@0	16.09	16.23	19.17	17.17	0.0521
48	30	15	637168	3557.52	CP-OFDM 16 QAM	1@1	16.09	16.06	19.09	17.09	0.0511
48	30	15	637168	3557.52	CP-OFDM 64 QAM	1@1	16.06	16.12	19.10	17.10	0.0513
48	30	15	637168	3557.52	CP-OFDM 256 QAM	1@1	15.60	15.67	18.65	16.65	0.0462
48	30	15	637168	3557.52	CP-OFDM QPSK	38@0	15.95	16.16	19.07	17.07	0.0509
48	30	15	637168	3557.52	CP-OFDM 16 QAM	38@0	16.14	16.31	19.24	17.24	0.0529
48	30	15	637168	3557.52	CP-OFDM 64 QAM	38@0	16.15	16.29	19.23	17.23	0.0529
48	30	15	637168	3557.52	CP-OFDM 256 QAM	38@0	15.56	15.75	18.67	16.67	0.0464
48	30	15	641666	3624.99	CP-OFDM QPSK	1@1	20.69	21.04	23.88	21.88	0.1541
48	30	15	641666	3624.99	CP-OFDM QPSK	1@0	19.20	19.57	22.40	20.40	0.1096
48	30	15	641666	3624.99	CP-OFDM QPSK	1@36	20.82	21.01	23.93	21.93	0.1558
48	30	15	641666	3624.99	CP-OFDM QPSK	2@0	19.27	19.44	22.37	20.37	0.1088
48	30	15	641666	3624.99	CP-OFDM QPSK	19@9	20.71	20.87	23.80	21.80	0.1514
48	30	15	641666	3624.99	CP-OFDM QPSK	2@36	19.25	19.45	22.36	20.36	0.1087
48	30	15	641666	3624.99	CP-OFDM QPSK	38@0	19.20	19.40	22.31	20.31	0.1074
48	30	15	641666	3624.99	CP-OFDM 16 QAM	1@1	20.29	20.36	23.34	21.34	0.1360
48	30	15	641666	3624.99	CP-OFDM 64 QAM	1@1	18.64	18.98	21.82	19.82	0.0960
48	30	15	641666	3624.99	CP-OFDM 256 QAM	1@1	15.78	16.09	18.95	16.95	0.0495
48	30	15	641666	3624.99	CP-OFDM QPSK	38@0	19.21	19.42	22.33	20.33	0.1078
48	30	15	641666	3624.99	CP-OFDM 16 QAM	38@0	19.30	19.37	22.35	20.35	0.1083
48	30	15	641666	3624.99	CP-OFDM 64 QAM	38@0	18.89	18.94	21.93	19.93	0.0983
48	30	15	641666	3624.99	CP-OFDM 256 QAM	38@0	15.67	15.93	18.81	16.81	0.0480
48	30	15	646166	3692.49	CP-OFDM QPSK	1@1	20.95	20.80	23.89	21.89	0.1544
48	30	15	646166	3692.49	CP-OFDM QPSK	1@0	19.46	19.35	22.42	20.42	0.1100
48	30	15	646166	3692.49	CP-OFDM QPSK	1@36	16.41	16.39	19.41	17.41	0.0551
48	30	15	646166	3692.49	CP-OFDM QPSK	2@0	19.52	19.36	22.45	20.45	0.1109
48	30	15	646166	3692.49	CP-OFDM QPSK	19@9	20.78	20.73	23.77	21.77	0.1502
48	30	15	646166	3692.49	CP-OFDM QPSK	2@36	16.51	16.40	19.47	17.47	0.0558



48	30	15	646166	3692.49	CP-OFDM QPSK	38@0	16.33	16.29	19.32	17.32	0.0540
48	30	15	646166	3692.49	CP-OFDM 16 QAM	1@1	20.54	20.28	23.42	21.42	0.1387
48	30	15	646166	3692.49	CP-OFDM 64 QAM	1@1	18.77	18.91	21.85	19.85	0.0966
48	30	15	646166	3692.49	CP-OFDM 256 QAM	1@1	15.95	15.76	18.87	16.87	0.0486
48	30	15	646166	3692.49	CP-OFDM QPSK	38@0	16.27	16.25	19.27	17.27	0.0533
48	30	15	646166	3692.49	CP-OFDM 16 QAM	38@0	16.30	16.26	19.29	17.29	0.0536
48	30	15	646166	3692.49	CP-OFDM 64 QAM	38@0	16.35	16.32	19.35	17.35	0.0543
48	30	15	646166	3692.49	CP-OFDM 256 QAM	38@0	15.95	15.76	18.87	16.87	0.0486
48	30	20	637334	3560.01	CP-OFDM QPSK	1@1	16.10	16.18	19.15	17.15	0.0519
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	16.07	16.21	19.15	17.15	0.0519
48	30	20	637334	3560.01	CP-OFDM QPSK	1@49	20.57	20.78	23.69	21.69	0.1475
48	30	20	637334	3560.01	CP-OFDM QPSK	2@0	16.05	16.19	19.13	17.13	0.0517
48	30	20	637334	3560.01	CP-OFDM QPSK	25@12	20.56	20.73	23.66	21.66	0.1464
48	30	20	637334	3560.01	CP-OFDM QPSK	2@49	18.99	19.25	22.13	20.13	0.1031
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	16.13	16.29	19.22	17.22	0.0527
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@1	16.17	15.98	19.09	17.09	0.0511
48	30	20	637334	3560.01	CP-OFDM 64 QAM	1@1	15.96	16.29	19.14	17.14	0.0517
48	30	20	637334	3560.01	CP-OFDM 256 QAM	1@1	15.61	15.63	18.63	16.63	0.0460
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	16.12	16.39	19.27	17.27	0.0533
48	30	20	637334	3560.01	CP-OFDM 16 QAM	51@0	15.94	16.25	19.11	17.11	0.0514
48	30	20	637334	3560.01	CP-OFDM 64 QAM	51@0	16.10	16.29	19.21	17.21	0.0526
48	30	20	637334	3560.01	CP-OFDM 256 QAM	51@0	15.58	15.86	18.73	16.73	0.0471
48	30	20	641666	3624.99	CP-OFDM QPSK	1@1	20.67	21.03	23.86	21.86	0.1536
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	19.29	19.48	22.40	20.40	0.1096
48	30	20	641666	3624.99	CP-OFDM QPSK	1@49	20.66	20.88	23.78	21.78	0.1507
48	30	20	641666	3624.99	CP-OFDM QPSK	2@0	19.34	19.38	22.37	20.37	0.1089
48	30	20	641666	3624.99	CP-OFDM QPSK	25@12	20.73	20.88	23.82	21.82	0.1519
48	30	20	641666	3624.99	CP-OFDM QPSK	2@49	19.14	19.23	22.20	20.20	0.1046
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	19.31	19.49	22.41	20.41	0.1099
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@1	20.36	20.36	23.37	21.37	0.1371
48	30	20	641666	3624.99	CP-OFDM 64 QAM	1@1	18.63	18.98	21.82	19.82	0.0959
48	30	20	641666	3624.99	CP-OFDM 256 QAM	1@1	15.67	15.98	18.84	16.84	0.0483
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	19.30	19.48	22.40	20.40	0.1097
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	19.22	19.35	22.30	20.30	0.1070
48	30	20	641666	3624.99	CP-OFDM 64 QAM	51@0	18.80	18.96	21.89	19.89	0.0975
48	30	20	641666	3624.99	CP-OFDM 256 QAM	51@0	15.82	15.88	18.86	16.86	0.0485
48	30	20	646000	3690	CP-OFDM QPSK	1@1	20.90	20.85	23.89	21.89	0.1544
48	30	20	646000	3690	CP-OFDM QPSK	1@0	19.32	19.29	22.32	20.32	0.1075
48	30	20	646000	3690	CP-OFDM QPSK	1@49	16.32	16.14	19.24	17.24	0.0530
48	30	20	646000	3690	CP-OFDM QPSK	2@0	19.32	19.26	22.30	20.30	0.1072
48	30	20	646000	3690	CP-OFDM QPSK	25@12	20.78	20.70	23.75	21.75	0.1496
48	30	20	646000	3690	CP-OFDM QPSK	2@49	16.36	16.04	19.21	17.21	0.0526



48	30	20	646000	3690	CP-OFDM QPSK	51@0	16.32	16.16	19.25	17.25	0.0531
48	30	20	646000	3690	CP-OFDM 16 QAM	1@1	20.48	20.11	23.31	21.31	0.1352
48	30	20	646000	3690	CP-OFDM 64 QAM	1@1	18.66	18.73	21.71	19.71	0.0934
48	30	20	646000	3690	CP-OFDM 256 QAM	1@1	15.85	15.73	18.80	16.80	0.0479
48	30	20	646000	3690	CP-OFDM QPSK	51@0	16.34	16.20	19.28	17.28	0.0535
48	30	20	646000	3690	CP-OFDM 16 QAM	51@0	16.40	16.10	19.26	17.26	0.0532
48	30	20	646000	3690	CP-OFDM 64 QAM	51@0	16.40	16.21	19.32	17.32	0.0539
48	30	20	646000	3690	CP-OFDM 256 QAM	51@0	15.82	15.63	18.74	16.74	0.0472
48	30	30	637668	3565.02	CP-OFDM QPSK	1@1	10.81	10.63	13.73	11.73	0.0149
48	30	30	637668	3565.02	CP-OFDM QPSK	1@0	10.76	10.64	13.71	11.71	0.0148
48	30	30	637668	3565.02	CP-OFDM QPSK	1@76	10.72	10.71	13.73	11.73	0.0149
48	30	30	637668	3565.02	CP-OFDM QPSK	2@0	10.81	10.74	13.79	11.79	0.0151
48	30	30	637668	3565.02	CP-OFDM QPSK	39@19	10.63	10.52	13.59	11.59	0.0144
48	30	30	637668	3565.02	CP-OFDM QPSK	2@76	10.78	10.58	13.69	11.69	0.0148
48	30	30	637668	3565.02	CP-OFDM QPSK	78@0	10.68	10.52	13.61	11.61	0.0145
48	30	30	637668	3565.02	CP-OFDM 16 QAM	1@1	10.96	10.51	13.75	11.75	0.0150
48	30	30	637668	3565.02	CP-OFDM 64 QAM	1@1	10.81	10.65	13.74	11.74	0.0149
48	30	30	637668	3565.02	CP-OFDM 256 QAM	1@1	10.67	10.71	13.70	11.70	0.0148
48	30	30	637668	3565.02	CP-OFDM QPSK	78@0	10.79	10.50	13.66	11.66	0.0146
48	30	30	637668	3565.02	CP-OFDM 16 QAM	78@0	10.77	10.52	13.66	11.66	0.0146
48	30	30	637668	3565.02	CP-OFDM 64 QAM	78@0	10.69	10.61	13.66	11.66	0.0147
48	30	30	637668	3565.02	CP-OFDM 256 QAM	78@0	10.80	10.60	13.71	11.71	0.0148
48	30	30	641666	3624.99	CP-OFDM QPSK	1@1	18.23	18.51	21.38	19.38	0.0867
48	30	30	641666	3624.99	CP-OFDM QPSK	1@0	18.25	18.45	21.36	19.36	0.0863
48	30	30	641666	3624.99	CP-OFDM QPSK	1@76	18.31	18.27	21.30	19.30	0.0851
48	30	30	641666	3624.99	CP-OFDM QPSK	2@0	18.29	18.35	21.33	19.33	0.0857
48	30	30	641666	3624.99	CP-OFDM QPSK	39@19	20.72	20.69	23.72	21.72	0.1484
48	30	30	641666	3624.99	CP-OFDM QPSK	2@76	18.19	18.21	21.21	19.21	0.0834
48	30	30	641666	3624.99	CP-OFDM QPSK	78@0	18.19	18.19	21.20	19.20	0.0832
48	30	30	641666	3624.99	CP-OFDM 16 QAM	1@1	18.25	18.30	21.29	19.29	0.0848
48	30	30	641666	3624.99	CP-OFDM 64 QAM	1@1	18.11	18.38	21.26	19.26	0.0843
48	30	30	641666	3624.99	CP-OFDM 256 QAM	1@1	15.73	15.91	18.83	16.83	0.0482
48	30	30	641666	3624.99	CP-OFDM QPSK	78@0	18.07	18.21	21.15	19.15	0.0822
48	30	30	641666	3624.99	CP-OFDM 16 QAM	78@0	18.22	18.25	21.25	19.25	0.0840
48	30	30	641666	3624.99	CP-OFDM 64 QAM	78@0	18.34	18.31	21.34	19.34	0.0858
48	30	30	641666	3624.99	CP-OFDM 256 QAM	78@0	15.70	15.75	18.74	16.74	0.0472
48	30	30	645666	3684.99	CP-OFDM QPSK	1@1	11.02	10.93	13.99	11.99	0.0158
48	30	30	645666	3684.99	CP-OFDM QPSK	1@0	11.09	10.87	13.99	11.99	0.0158
48	30	30	645666	3684.99	CP-OFDM QPSK	1@76	10.87	10.77	13.83	11.83	0.0152
48	30	30	645666	3684.99	CP-OFDM QPSK	2@0	11.07	10.76	13.93	11.93	0.0156
48	30	30	645666	3684.99	CP-OFDM QPSK	39@19	10.90	10.62	13.77	11.77	0.0150
48	30	30	645666	3684.99	CP-OFDM QPSK	2@76	10.95	10.57	13.77	11.77	0.0150



48	30	30	645666	3684.99	CP-OFDM QPSK	78@0	10.95	10.60	13.79	11.79	0.0151
48	30	30	645666	3684.99	CP-OFDM 16 QAM	1@1	11.04	10.69	13.88	11.88	0.0154
48	30	30	645666	3684.99	CP-OFDM 64 QAM	1@1	11.15	10.81	13.99	11.99	0.0158
48	30	30	645666	3684.99	CP-OFDM 256 QAM	1@1	10.96	10.92	13.95	11.95	0.0157
48	30	30	645666	3684.99	CP-OFDM QPSK	78@0	10.94	10.54	13.75	11.75	0.0150
48	30	30	645666	3684.99	CP-OFDM 16 QAM	78@0	10.95	10.63	13.80	11.80	0.0151
48	30	30	645666	3684.99	CP-OFDM 64 QAM	78@0	11.11	10.72	13.93	11.93	0.0156
48	30	30	645666	3684.99	CP-OFDM 256 QAM	78@0	10.92	10.60	13.77	11.77	0.0150
48	30	40	638000	3570	CP-OFDM QPSK	1@1	10.84	10.69	13.78	11.78	0.0151
48	30	40	638000	3570	CP-OFDM QPSK	1@0	10.74	10.84	13.80	11.80	0.0151
48	30	40	638000	3570	CP-OFDM QPSK	1@104	10.79	10.44	13.63	11.63	0.0146
48	30	40	638000	3570	CP-OFDM QPSK	2@0	10.73	10.63	13.69	11.69	0.0148
48	30	40	638000	3570	CP-OFDM QPSK	53@26	10.74	10.48	13.62	11.62	0.0145
48	30	40	638000	3570	CP-OFDM QPSK	2@104	10.68	10.52	13.61	11.61	0.0145
48	30	40	638000	3570	CP-OFDM QPSK	106@0	10.80	10.59	13.71	11.71	0.0148
48	30	40	638000	3570	CP-OFDM 16 QAM	1@1	10.78	10.48	13.64	11.64	0.0146
48	30	40	638000	3570	CP-OFDM 64 QAM	1@1	10.85	10.74	13.81	11.81	0.0152
48	30	40	638000	3570	CP-OFDM 256 QAM	1@1	10.63	10.78	13.72	11.72	0.0148
48	30	40	638000	3570	CP-OFDM QPSK	106@0	10.69	10.62	13.67	11.67	0.0147
48	30	40	638000	3570	CP-OFDM 16 QAM	106@0	10.83	10.49	13.67	11.67	0.0147
48	30	40	638000	3570	CP-OFDM 64 QAM	106@0	10.71	10.56	13.65	11.65	0.0146
48	30	40	638000	3570	CP-OFDM 256 QAM	106@0	10.70	10.60	13.66	11.66	0.0147
48	30	40	641666	3624.99	CP-OFDM QPSK	1@1	18.18	18.36	21.28	19.28	0.0847
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	18.19	18.37	21.29	19.29	0.0849
48	30	40	641666	3624.99	CP-OFDM QPSK	1@104	18.12	18.22	21.18	19.18	0.0828
48	30	40	641666	3624.99	CP-OFDM QPSK	2@0	18.28	18.35	21.33	19.33	0.0856
48	30	40	641666	3624.99	CP-OFDM QPSK	53@26	20.75	20.69	23.73	21.73	0.1489
48	30	40	641666	3624.99	CP-OFDM QPSK	2@104	18.21	18.08	21.16	19.16	0.0823
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	17.75	17.77	20.77	18.77	0.0753
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@1	18.14	18.47	21.32	19.32	0.0855
48	30	40	641666	3624.99	CP-OFDM 64 QAM	1@1	18.12	18.36	21.25	19.25	0.0842
48	30	40	641666	3624.99	CP-OFDM 256 QAM	1@1	15.67	15.90	18.80	16.80	0.0478
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	17.77	17.83	20.81	18.81	0.0760
48	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	17.62	17.78	20.71	18.71	0.0743
48	30	40	641666	3624.99	CP-OFDM 64 QAM	106@0	17.78	17.85	20.83	18.83	0.0763
48	30	40	641666	3624.99	CP-OFDM 256 QAM	106@0	15.78	15.80	18.80	16.80	0.0479
48	30	40	645332	3679.98	CP-OFDM QPSK	1@1	10.94	10.90	13.93	11.93	0.0156
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	10.95	10.92	13.95	11.95	0.0157
48	30	40	645332	3679.98	CP-OFDM QPSK	1@104	10.84	10.70	13.78	11.78	0.0151
48	30	40	645332	3679.98	CP-OFDM QPSK	2@0	11.03	10.74	13.90	11.90	0.0155
48	30	40	645332	3679.98	CP-OFDM QPSK	53@26	10.79	10.72	13.77	11.77	0.0150
48	30	40	645332	3679.98	CP-OFDM QPSK	2@104	10.85	10.54	13.71	11.71	0.0148



48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	10.97	10.76	13.88	11.88	0.0154
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@1	11.13	10.62	13.89	11.89	0.0155
48	30	40	645332	3679.98	CP-OFDM 64 QAM	1@1	11.08	10.90	14.00	12.00	0.0159
48	30	40	645332	3679.98	CP-OFDM 256 QAM	1@1	10.86	10.91	13.90	11.90	0.0155
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	10.91	10.73	13.83	11.83	0.0152
48	30	40	645332	3679.98	CP-OFDM 16 QAM	106@0	10.86	10.68	13.78	11.78	0.0151
48	30	40	645332	3679.98	CP-OFDM 64 QAM	106@0	10.95	10.74	13.86	11.86	0.0153
48	30	40	645332	3679.98	CP-OFDM 256 QAM	106@0	10.89	10.72	13.82	11.82	0.0152



FR1 N48 MIMO-ANT4

Frequency Stability

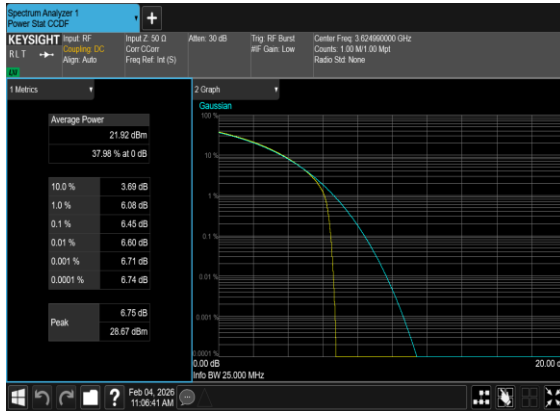
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0029	PASS	NV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0064	PASS	LV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0051	PASS	HV
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0000	PASS	-30℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0030	PASS	-20℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0004	PASS	-10℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0059	PASS	0℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0072	PASS	10℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0076	PASS	20℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0051	PASS	30℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0002	PASS	40℃
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	0.0004	PASS	50℃

**Peak to Average Ratio**

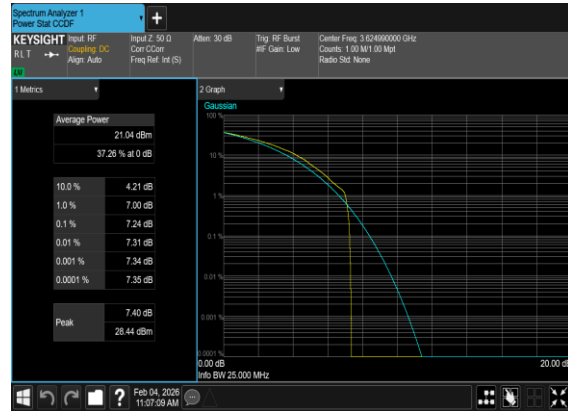
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	6.45	13	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	7.24	13	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	6.46	13	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@0	7.09	13	PASS



N48(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N48(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N48(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH

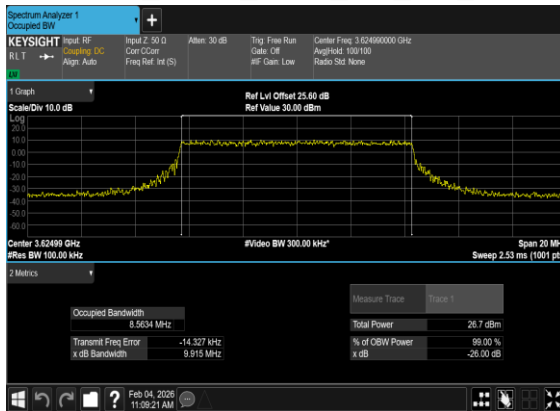


**Occupied Bandwidth**

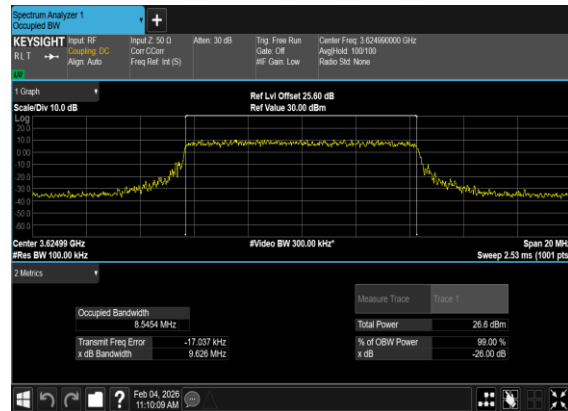
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	8.5634	9.915
48	30	10	641666	3624.99	CP-OFDM 16 QAM	24@0	8.5454	9.626
48	30	15	641666	3624.99	CP-OFDM QPSK	38@0	13.596	14.65
48	30	15	641666	3624.99	CP-OFDM 16 QAM	38@0	13.567	14.57
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	18.219	19.35
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	18.224	19.45
48	30	30	641666	3624.99	CP-OFDM QPSK	78@0	27.901	29.41
48	30	30	641666	3624.99	CP-OFDM 16 QAM	78@0	27.838	28.97
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	37.845	39.86
48	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	37.945	39.62



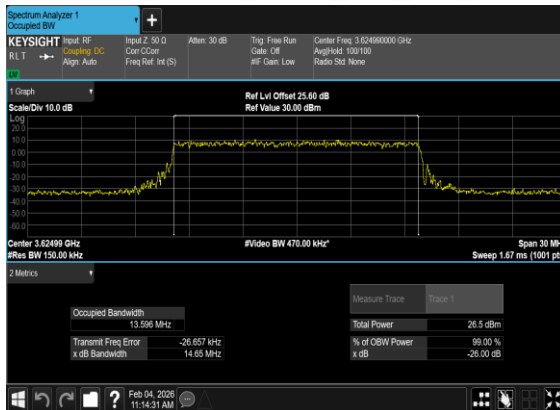
N48(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



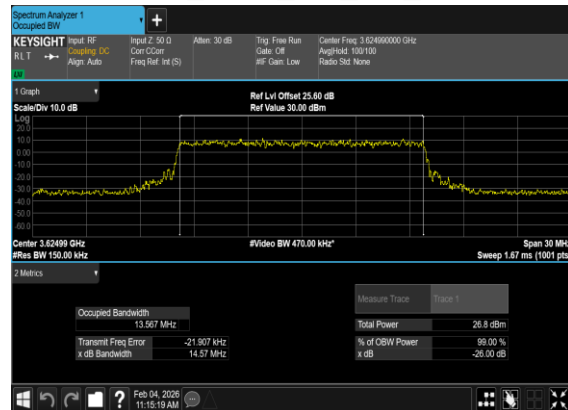
N48(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N48(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH

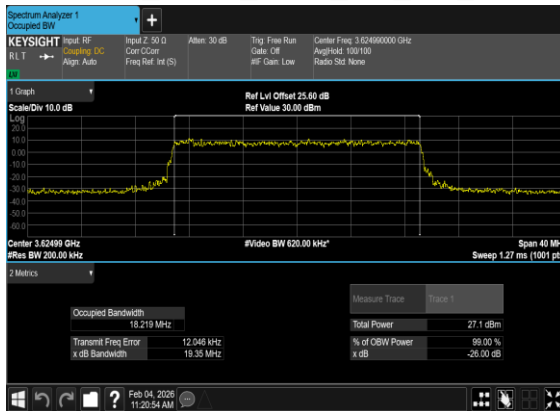


N48(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

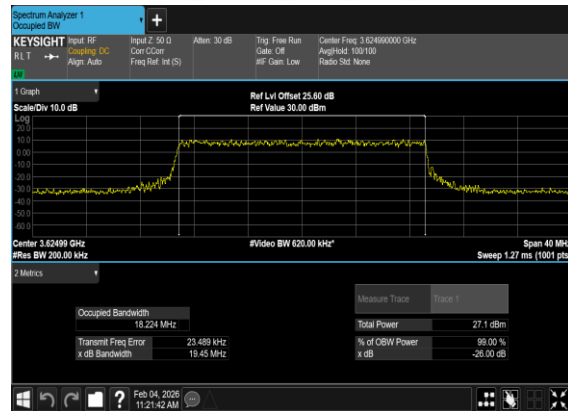




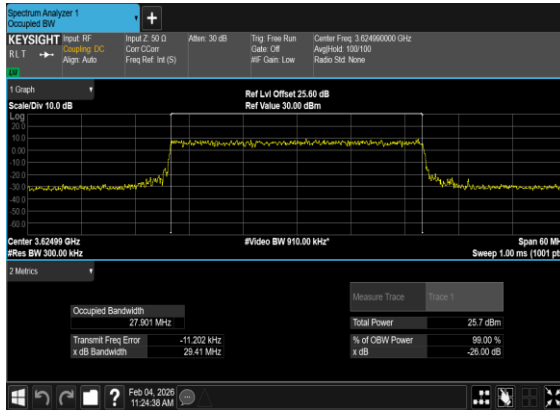
N48(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



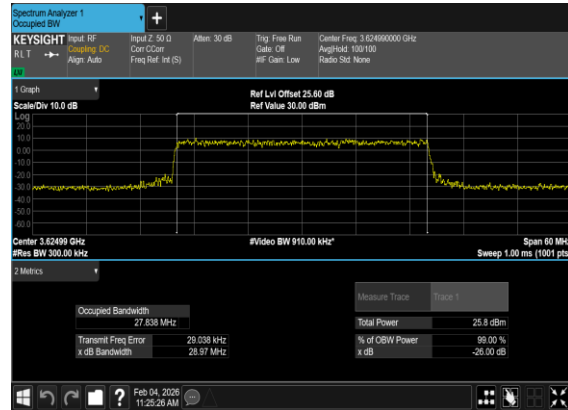
N48(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N48(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH

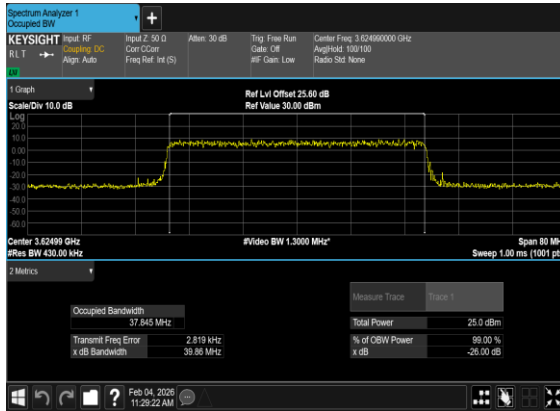


N48(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH

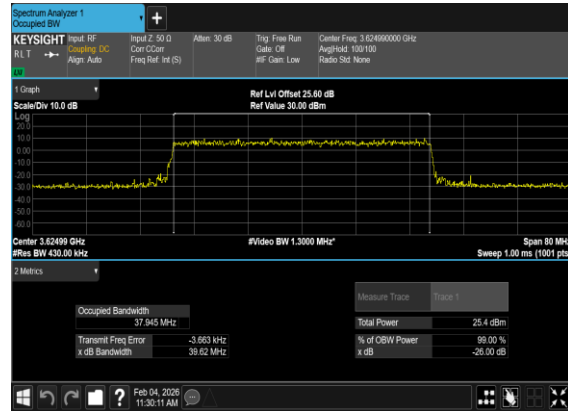




N48(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N48(40M)_CP-OFDM_16
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	CP-OFDM QPSK	1@0	-9.99	-20.44	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM 16 QAM	1@0	-9.69	-20.41	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	1@23	-20.76	-11.31	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM 16 QAM	1@23	-20.72	-12.01	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM QPSK	24@0	-12.03	-12.66	see graph	PASS
48	30	10	637000	3555.0	CP-OFDM 16 QAM	24@0	-11.68	-11.53	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@0	-10.67	-18.15	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM 16 QAM	1@0	-9.75	-17.62	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	1@23	-16.98	-11.19	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM 16 QAM	1@23	-17.92	-11.1	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM QPSK	24@0	-11.91	-12.3	see graph	PASS
48	30	10	641666	3624.99	CP-OFDM 16 QAM	24@0	-11.27	-11.1	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@0	-9.47	-16.55	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM 16 QAM	1@0	-9.59	-16.81	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	1@23	-16.91	-10.46	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM 16 QAM	1@23	-16.94	-10.29	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM QPSK	24@0	-11.79	-12.28	see graph	PASS
48	30	10	646332	3694.98	CP-OFDM 16 QAM	24@0	-11.16	-10.88	see graph	PASS
48	30	15	637168	3557.52	CP-OFDM QPSK	1@0	-7.88	-15.61	see graph	PASS
48	30	15	637168	3557.52	CP-OFDM 16 QAM	1@0	-6.95	-15.48	see graph	PASS
48	30	15	637168	3557.52	CP-OFDM QPSK	1@37	-19.39	-7.83	see graph	PASS



48	30	15	637168	3557.52	CP-OFDM 16 QAM	1@37	-18.92	-8.66	see graph	PASS
48	30	15	637168	3557.52	CP-OFDM QPSK	38@0	-12.18	-12.67	see graph	PASS
48	30	15	637168	3557.52	CP-OFDM 16 QAM	38@0	-11.5	-10.97	see graph	PASS
48	30	15	641666	3624.99	CP-OFDM QPSK	1@0	-7.54	-16.63	see graph	PASS
48	30	15	641666	3624.99	CP-OFDM 16 QAM	1@0	-7.59	-16.82	see graph	PASS
48	30	15	641666	3624.99	CP-OFDM QPSK	1@37	-15.37	-8.24	see graph	PASS
48	30	15	641666	3624.99	CP-OFDM 16 QAM	1@37	-15.56	-8.3	see graph	PASS
48	30	15	641666	3624.99	CP-OFDM QPSK	38@0	-12.0	-12.0	see graph	PASS
48	30	15	641666	3624.99	CP-OFDM 16 QAM	38@0	-11.03	-11.1	see graph	PASS
48	30	15	646166	3692.49	CP-OFDM QPSK	1@0	-7.77	-14.75	see graph	PASS
48	30	15	646166	3692.49	CP-OFDM 16 QAM	1@0	-8.67	-14.59	see graph	PASS
48	30	15	646166	3692.49	CP-OFDM QPSK	1@37	-12.6	-7.15	see graph	PASS
48	30	15	646166	3692.49	CP-OFDM 16 QAM	1@37	-12.32	-7.97	see graph	PASS
48	30	15	646166	3692.49	CP-OFDM QPSK	38@0	-10.59	-10.3	see graph	PASS
48	30	15	646166	3692.49	CP-OFDM 16 QAM	38@0	-9.6	-9.74	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@0	-10.13	-15.27	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@0	-10.05	-14.47	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	1@50	-16.44	-11.42	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	1@50	-19.16	-12.85	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM QPSK	51@0	-12.02	-12.2	see graph	PASS
48	30	20	637334	3560.01	CP-OFDM 16 QAM	51@0	-11.96	-10.99	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	1@0	-9.64	-14.12	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@0	-9.68	-14.25	see graph	PASS



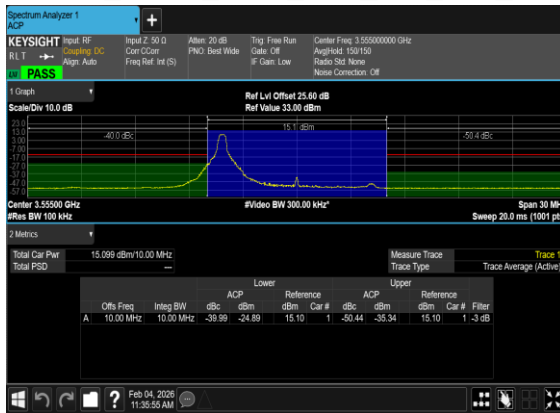
48	30	20	641666	3624.99	CP-OFDM QPSK	1@50	-14.88	-10.83	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	1@50	-14.89	-10.28	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM QPSK	51@0	-11.52	-11.22	see graph	PASS
48	30	20	641666	3624.99	CP-OFDM 16 QAM	51@0	-11.48	-11.28	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@0	-8.94	-13.04	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	1@0	-10.78	-14.26	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	1@50	-10.7	-8.32	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	1@50	-10.73	-8.8	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM QPSK	51@0	-9.85	-9.49	see graph	PASS
48	30	20	646000	3690.0	CP-OFDM 16 QAM	51@0	-9.54	-9.4	see graph	PASS
48	30	30	637668	3565.02	CP-OFDM QPSK	1@0	-4.4	-4.58	see graph	PASS
48	30	30	637668	3565.02	CP-OFDM 16 QAM	1@0	-3.95	-4.13	see graph	PASS
48	30	30	637668	3565.02	CP-OFDM QPSK	1@77	-4.38	-3.7	see graph	PASS
48	30	30	637668	3565.02	CP-OFDM 16 QAM	1@77	-4.93	-4.32	see graph	PASS
48	30	30	637668	3565.02	CP-OFDM QPSK	78@0	-4.52	-4.21	see graph	PASS
48	30	30	637668	3565.02	CP-OFDM 16 QAM	78@0	-4.52	-4.18	see graph	PASS
48	30	30	641666	3624.99	CP-OFDM QPSK	1@0	-9.03	-10.78	see graph	PASS
48	30	30	641666	3624.99	CP-OFDM 16 QAM	1@0	-9.69	-11.89	see graph	PASS
48	30	30	641666	3624.99	CP-OFDM QPSK	1@77	-12.21	-9.72	see graph	PASS
48	30	30	641666	3624.99	CP-OFDM 16 QAM	1@77	-12.25	-9.84	see graph	PASS
48	30	30	641666	3624.99	CP-OFDM QPSK	78@0	-9.61	-9.35	see graph	PASS
48	30	30	641666	3624.99	CP-OFDM 16 QAM	78@0	-9.95	-9.5	see graph	PASS
48	30	30	645666	3684.99	CP-OFDM QPSK	1@0	-3.5	-3.07	see graph	PASS



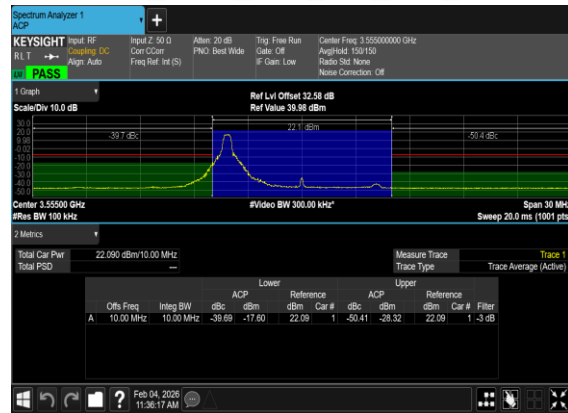
48	30	30	645666	3684.99	CP-OFDM 16 QAM	1@0	-2.83	-2.43	see graph	PASS
48	30	30	645666	3684.99	CP-OFDM QPSK	1@77	-4.97	-3.85	see graph	PASS
48	30	30	645666	3684.99	CP-OFDM 16 QAM	1@77	-3.74	-2.73	see graph	PASS
48	30	30	645666	3684.99	CP-OFDM QPSK	78@0	-3.69	-2.9	see graph	PASS
48	30	30	645666	3684.99	CP-OFDM 16 QAM	78@0	-3.9	-3.1	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@0	-2.74	-2.8	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	1@0	-3.61	-3.35	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	1@105	-3.21	-2.34	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	1@105	-2.99	-2.22	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM QPSK	106@0	-3.32	-2.82	see graph	PASS
48	30	40	638000	3570.0	CP-OFDM 16 QAM	106@0	-3.24	-2.77	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@0	-9.0	-10.21	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@0	-8.76	-10.43	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	1@105	-10.41	-7.97	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	1@105	-10.69	-8.27	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM QPSK	106@0	-8.81	-8.21	see graph	PASS
48	30	40	641666	3624.99	CP-OFDM 16 QAM	106@0	-8.74	-8.07	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@0	-2.04	-1.41	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@0	-1.91	-1.27	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	1@105	-3.17	-1.85	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM 16 QAM	1@105	-2.1	-0.87	see graph	PASS
48	30	40	645332	3679.98	CP-OFDM QPSK	106@0	-2.7	-1.78	see graph	PASS
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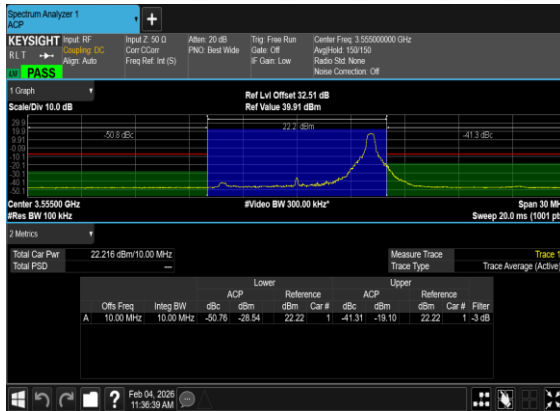
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OFDM_QPSK_Edge_1RB_Left_Low_CH



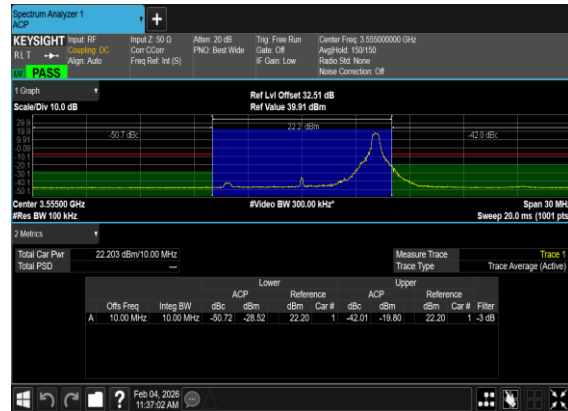
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QAM_Edge_1RB_Left_Low_CH



N48(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_Low_CH

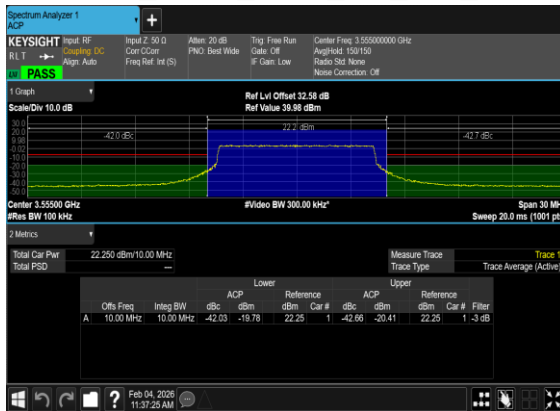


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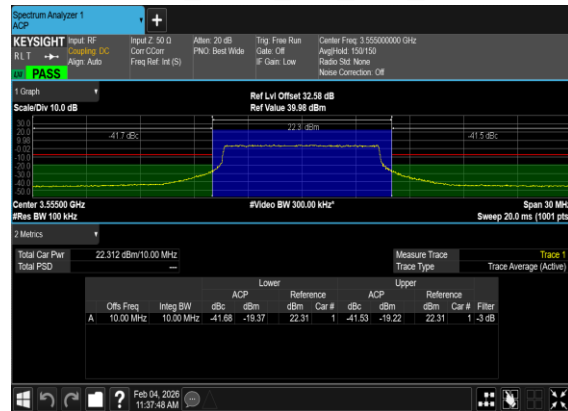




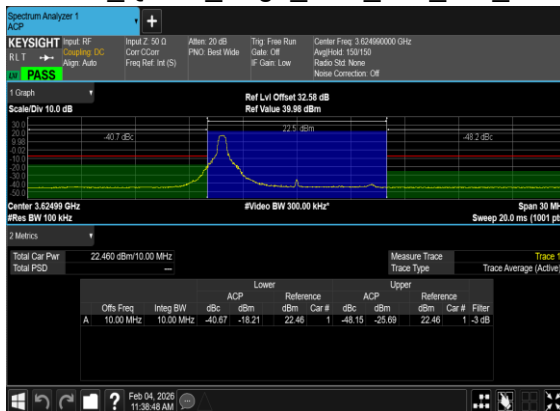
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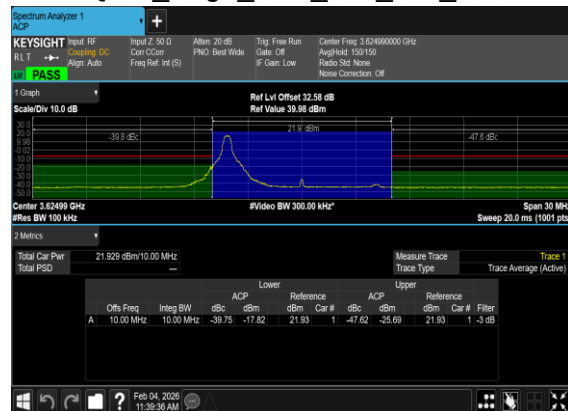
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QAM_Outer_Full_Low_CH



N48(10M)_CP-
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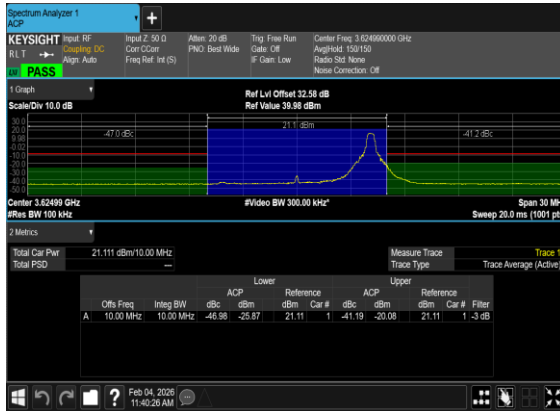


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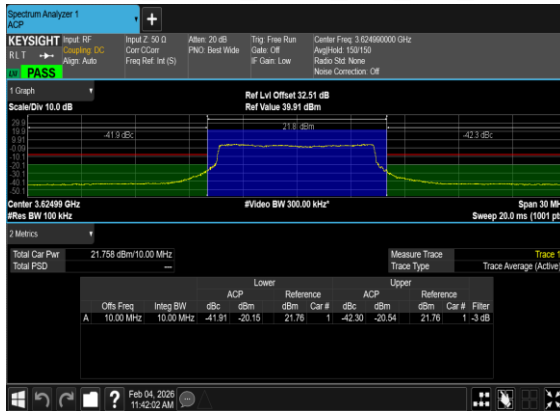
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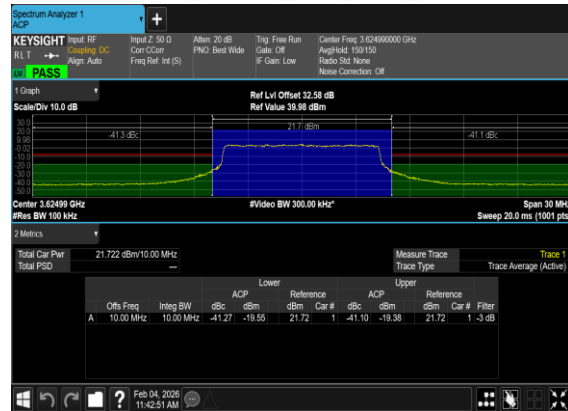
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QAM_Edge_1RB_Right_Mid_CH



N48(10M)_CP-
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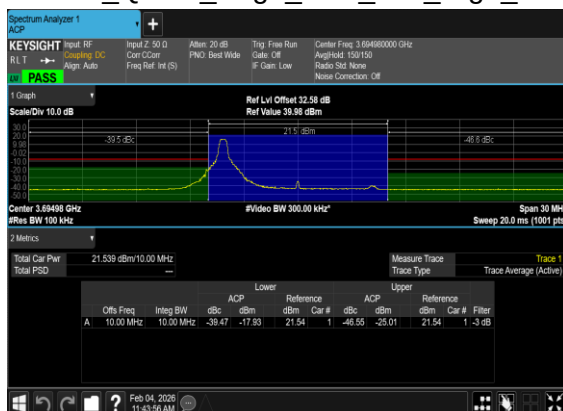


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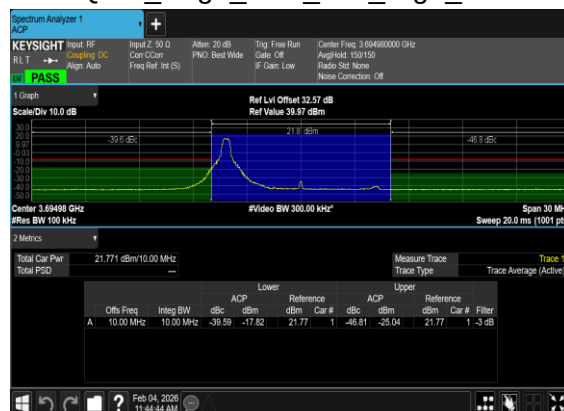




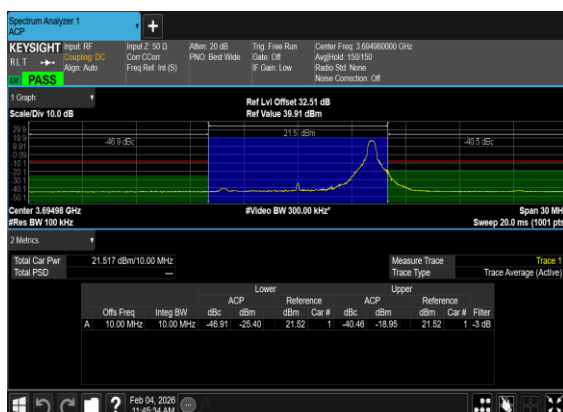
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OFDM_QPSK_Edge_1RB_Left_High_CH



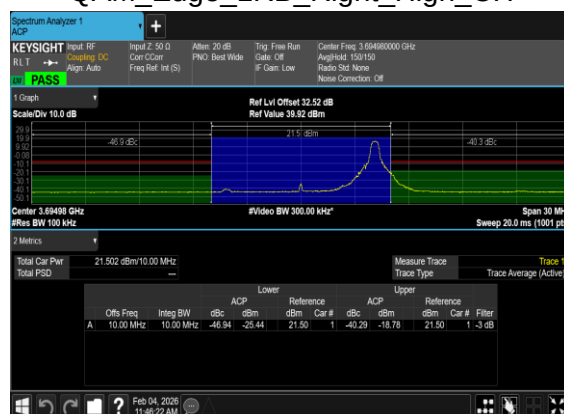
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QAM_Edge_1RB_Left_High_CH



N48(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_C
H

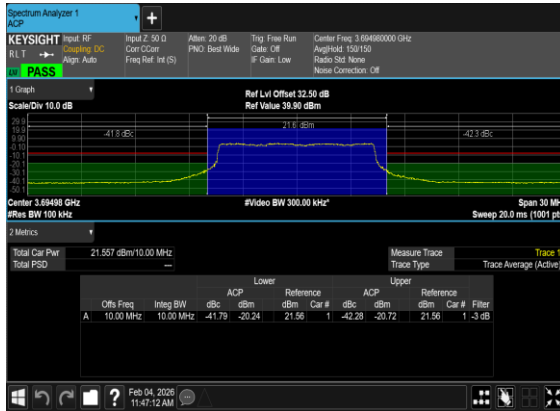


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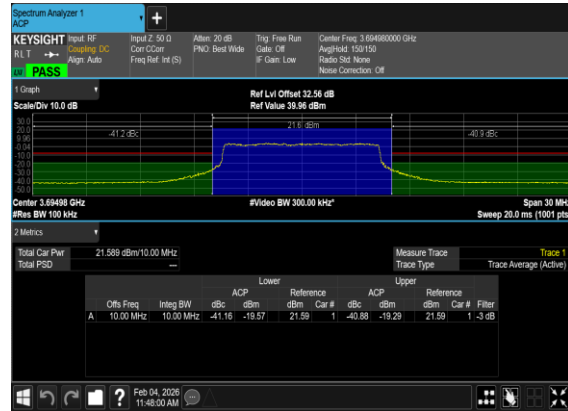




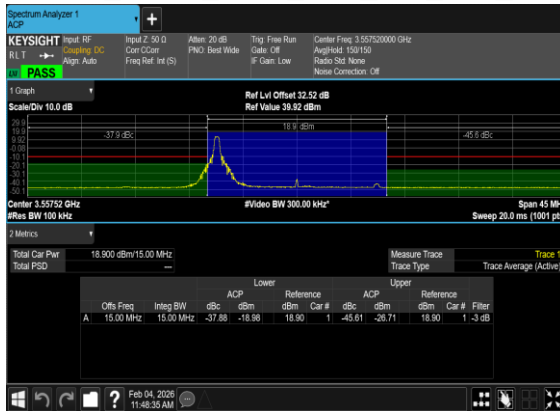
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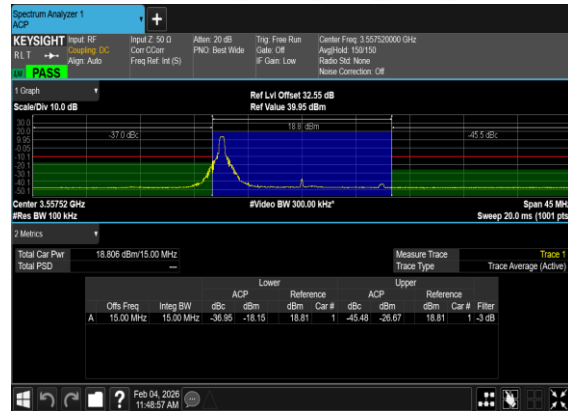
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QAM_Outer_Full_High_CH

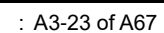
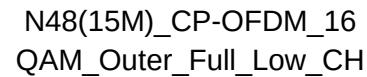
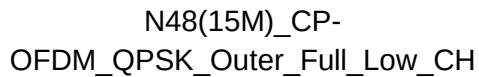
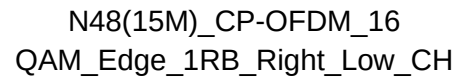


N48(15M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



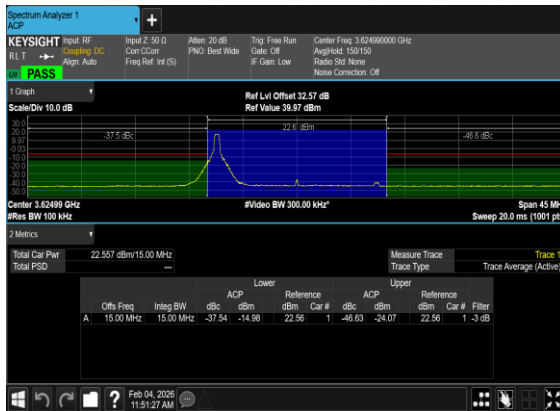
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QAM_Edge_1RB_Left_Low_CH



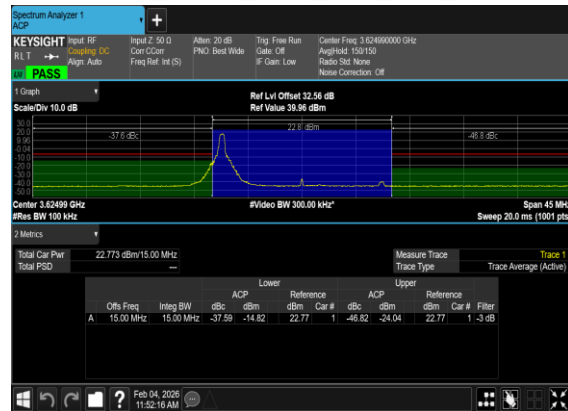




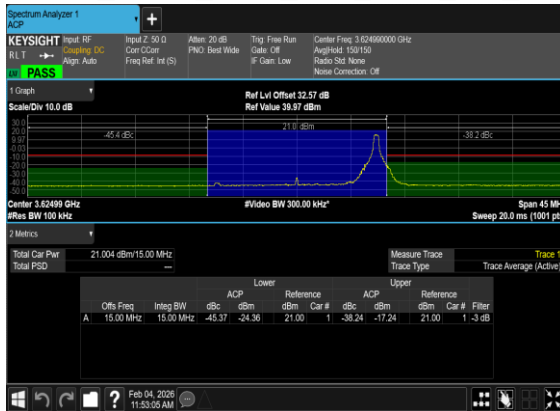
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



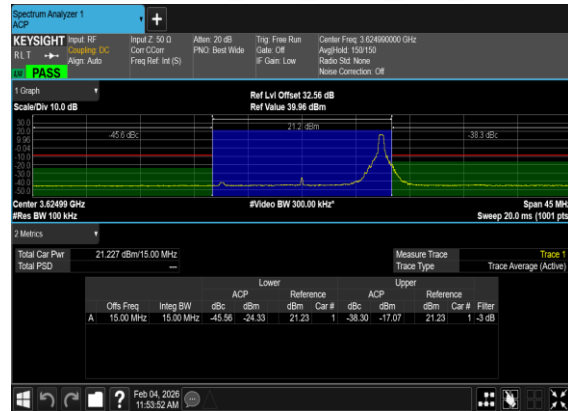
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QAM_Edge_1RB_Left_Mid_CH



N48(15M)_CP-
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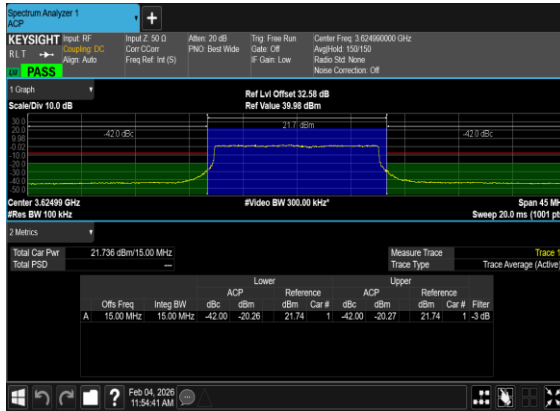


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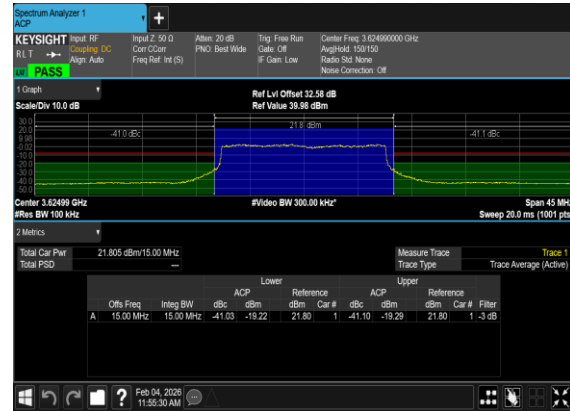




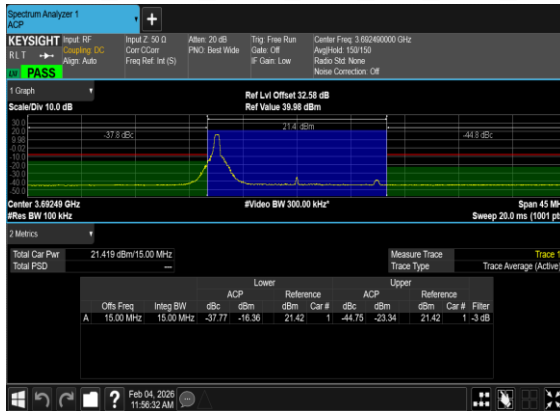
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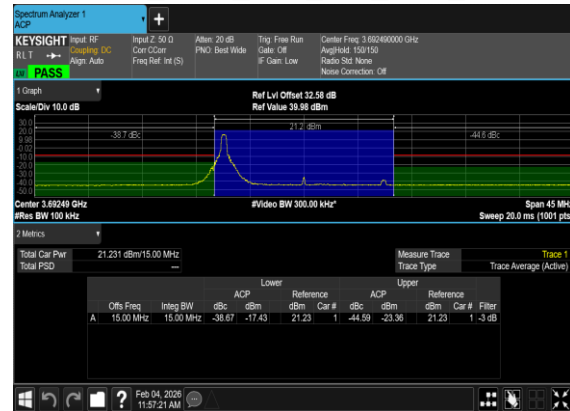
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QAM_Outer_Full_Mid_CH



N48(15M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

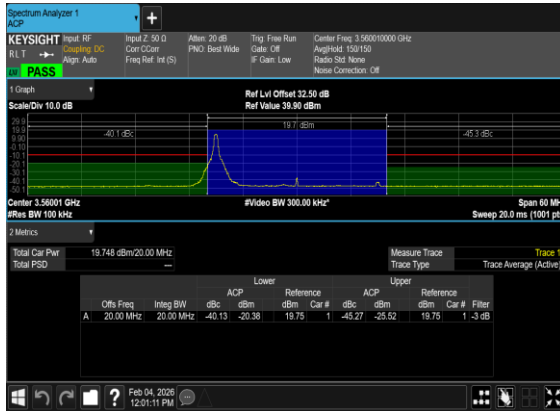


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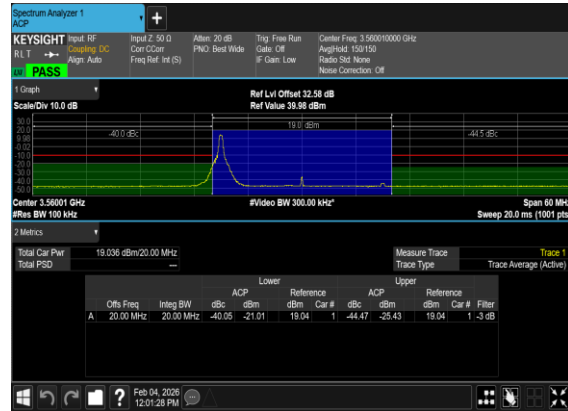




N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N48(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH



N48(20M)_CP-
OFDM_QPSK_Edge_1RB_Right_Low_CH



N48(20M)_CP-OFDM_16
QAM_Edge_1RB_Right_Low_CH

