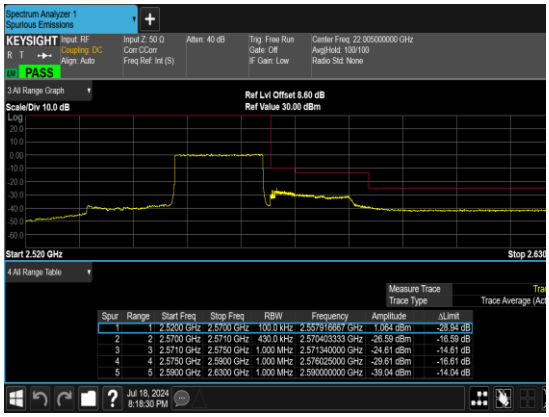
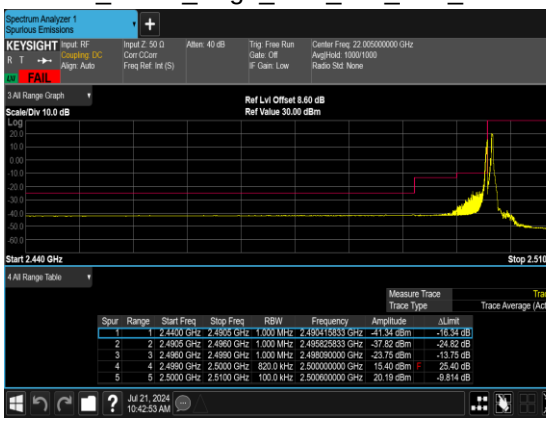
B2_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



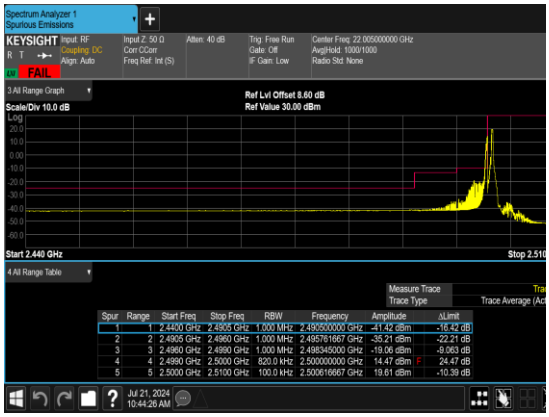
B2_N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PA

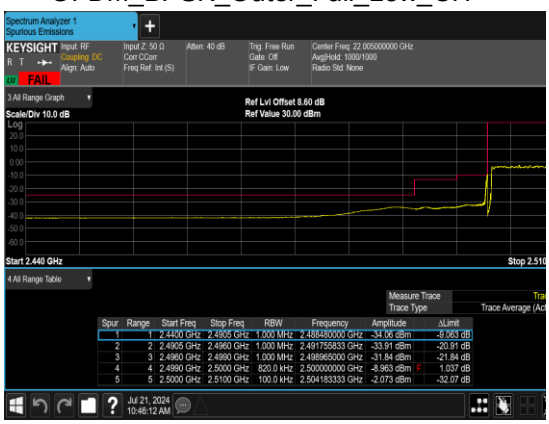
SS

B2_N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

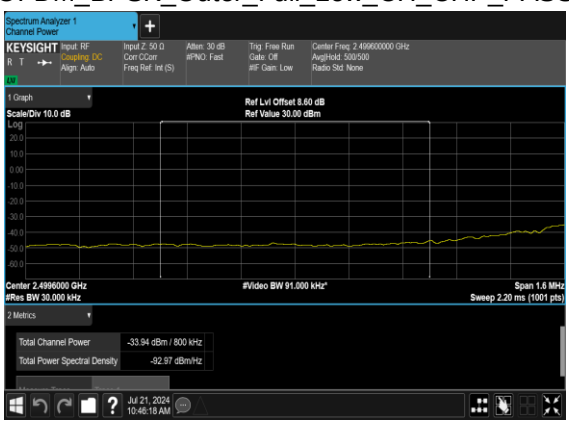


B2_N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS

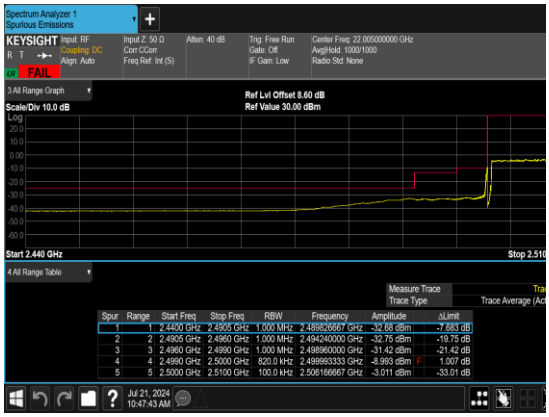
B2_N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



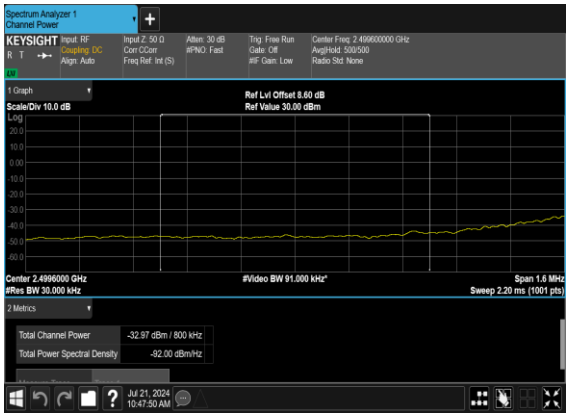
B2_N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_CHP_PASS



B2_N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

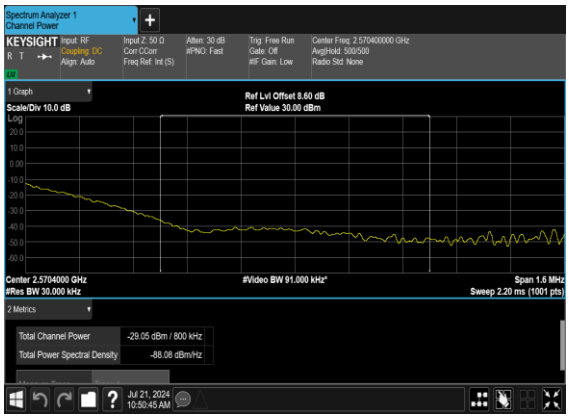


B2_N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS

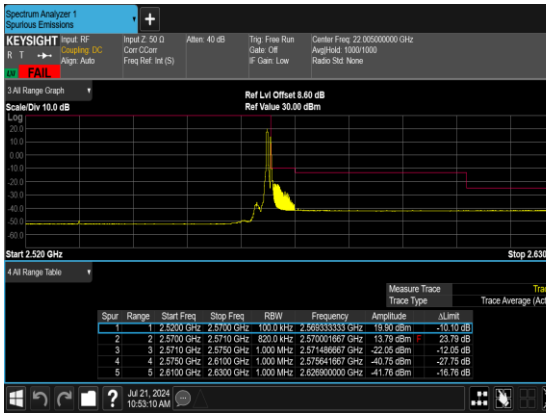


B2_N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

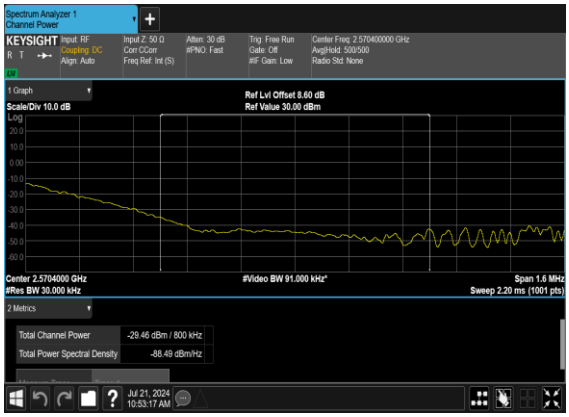
B2_N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS



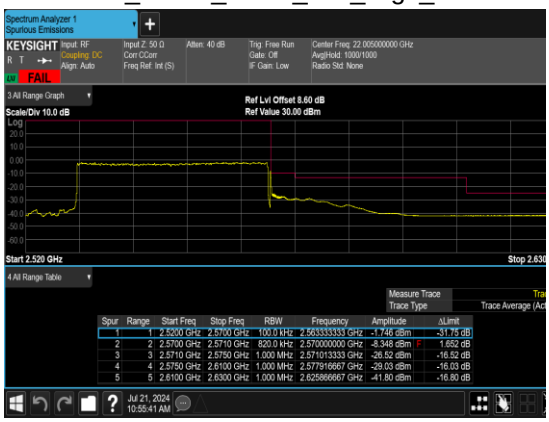
B2_N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



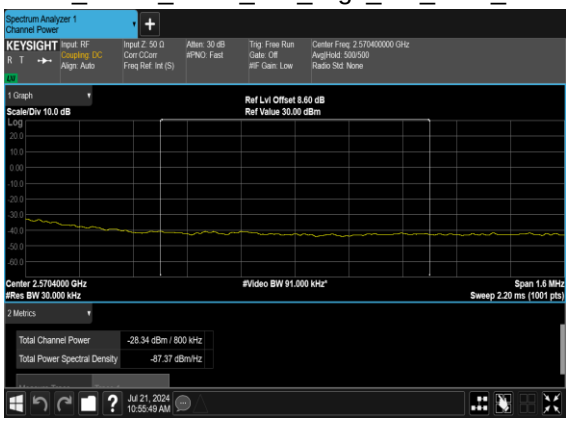
B2_N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



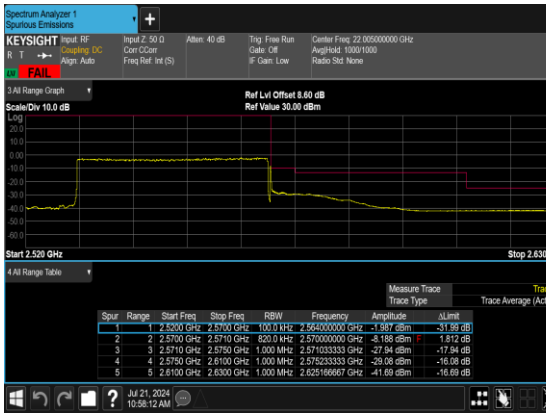
B2_N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



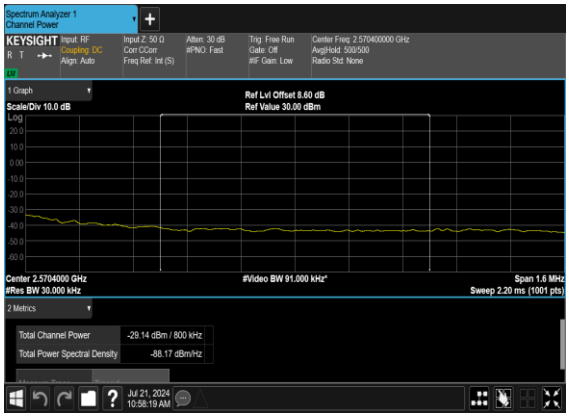
B2_N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_CHP_PASS



B2_N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B2_N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH_CHP_PASS



FR1 N38-SCS 30k-ANT2

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=0.8 dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	23.53	24.33	0.2710
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	22.54	23.34	0.2158
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	23.6	24.4	0.2754
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.63	23.43	0.2203
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	23.76	24.56	0.2858
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	22.82	23.62	0.2301
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	23.54	24.34	0.2716
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	22.52	23.32	0.2148
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	23.54	24.34	0.2716
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.62	23.42	0.2198
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	23.61	24.41	0.2761
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	22.76	23.56	0.2270
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	23.39	24.19	0.2624
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	22.29	23.09	0.2037
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	23.43	24.23	0.2649
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.5	23.3	0.2138
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	23.52	24.32	0.2704
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	22.59	23.39	0.2183
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	23.59	24.39	0.2748
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	22.68	23.48	0.2228
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	23.75	24.55	0.2851
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.75	23.55	0.2265
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	23.64	24.44	0.2780
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	22.61	23.41	0.2193
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	23.7	24.5	0.2818
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	23.61	24.41	0.2761
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	23.96	24.76	0.2992
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	23.68	24.48	0.2805
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	23.65	24.45	0.2786
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	23.92	24.72	0.2965
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	22.65	23.45	0.2213
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	22.74	23.54	0.2259

38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	22.98	23.78	0.2388
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	21.18	21.98	0.1578
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	21.11	21.91	0.1552
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	21.41	22.21	0.1663
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	19.16	19.96	0.0991
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	19.03	19.83	0.0962
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	19.49	20.29	0.1069
38	30	40	518000	2590	CP-OFDM QPSK	53@26	22.17	22.97	0.1982
38	30	40	518000	2590	CP-OFDM QPSK	1@1	22.15	22.95	0.1972
38	30	40	518000	2590	CP-OFDM QPSK	1@104	22.41	23.21	0.2094
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	23.72	24.52	0.2831
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.66	24.46	0.2793
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	23.9	24.7	0.2951
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	23.73	24.53	0.2838
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	23.6	24.4	0.2754
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	23.89	24.69	0.2944
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	22.75	23.55	0.2265
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.76	23.56	0.2270
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	22.97	23.77	0.2382
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	21.22	22.02	0.1592
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	21.15	21.95	0.1567
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	21.43	22.23	0.1671
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	19.2	20	0.1000
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	19.01	19.81	0.0957
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	19.26	20.06	0.1014
38	30	40	519000	2595	CP-OFDM QPSK	53@26	22.23	23.03	0.2009
38	30	40	519000	2595	CP-OFDM QPSK	1@1	22.07	22.87	0.1936
38	30	40	519000	2595	CP-OFDM QPSK	1@104	22.36	23.16	0.2070
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	23.75	24.55	0.2851
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	23.58	24.38	0.2742
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	23.93	24.73	0.2972
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	23.76	24.56	0.2858
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	23.6	24.4	0.2754
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	23.95	24.75	0.2985
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	22.77	23.57	0.2275
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	22.62	23.42	0.2198
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	22.92	23.72	0.2355
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	21.25	22.05	0.1603
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	21.09	21.89	0.1545

38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	21.35	22.15	0.1641
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	19.21	20.01	0.1002
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	19.17	19.97	0.0993
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	19.36	20.16	0.1038
38	30	40	520000	2600	CP-OFDM QPSK	53@26	22.29	23.09	0.2037
38	30	40	520000	2600	CP-OFDM QPSK	1@1	22.11	22.91	0.1954
38	30	40	520000	2600	CP-OFDM QPSK	1@104	22.41	23.21	0.2094

Software Version: 23.06.1602

FR1 N41-SCS 30k-ANT 2

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=0.8dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@1	26.2	27	0.5012
41	30	10	500202	2501.01	DFT-s-OFDM 16 QAM	1@1	25.28	26.08	0.4055
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.3	27.1	0.5129
41	30	10	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.28	26.08	0.4055
41	30	10	537000	2685	DFT-s-OFDM QPSK	1@1	26.09	26.89	0.4887
41	30	10	537000	2685	DFT-s-OFDM 16 QAM	1@1	25.12	25.92	0.3908
41	30	15	500700	2503.5	DFT-s-OFDM QPSK	1@1	26.25	27.05	0.5070
41	30	15	500700	2503.5	DFT-s-OFDM 16 QAM	1@1	25.24	26.04	0.4018
41	30	15	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.36	27.16	0.5200
41	30	15	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.41	26.21	0.4178
41	30	15	536496	2682.48	DFT-s-OFDM QPSK	1@1	26.06	26.86	0.4853
41	30	15	536496	2682.48	DFT-s-OFDM 16 QAM	1@1	25.2	26	0.3981
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	26.26	27.06	0.5082
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	25.35	26.15	0.4121
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.25	27.05	0.5070
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.28	26.08	0.4055
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	26.16	26.96	0.4966
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.14	25.94	0.3926
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	26.45	27.25	0.5309
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	25.53	26.33	0.4295
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.43	27.23	0.5284
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.4	26.2	0.4169
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	26.24	27.04	0.5058
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	25.31	26.11	0.4083
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	26.58	27.38	0.5470
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	25.53	26.33	0.4295
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.48	27.28	0.5346
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.62	26.42	0.4385
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	26.42	27.22	0.5272
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	25.42	26.22	0.4188
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	26.37	27.17	0.5212
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	25.38	26.18	0.4150
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.34	27.14	0.5176

41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.34	26.14	0.4111
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	26.22	27.02	0.5035
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	25.26	26.06	0.4036
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	26.33	27.13	0.5164
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	25.37	26.17	0.4140
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.28	27.08	0.5105
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.33	26.13	0.4102
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	26.21	27.01	0.5023
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	25.33	26.13	0.4102
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	26.31	27.11	0.5140
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	25.33	26.13	0.4102
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.25	27.05	0.5070
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.29	26.09	0.4064
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	26.28	27.08	0.5105
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	25.36	26.16	0.4130
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	26.19	26.99	0.5000
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	25.26	26.06	0.4036
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.3	27.1	0.5129
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.27	26.07	0.4046
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	26.2	27	0.5012
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	25.31	26.11	0.4083
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	26.26	27.06	0.5082
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	25.23	26.03	0.4009
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.25	27.05	0.5070
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.24	26.04	0.4018
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	26.05	26.85	0.4842
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	25.15	25.95	0.3936
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	26.47	27.27	0.5333
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	26.41	27.21	0.5260
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	26.5	27.3	0.5370
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	26.42	27.22	0.5272
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	26.28	27.08	0.5105
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	26.41	27.21	0.5260
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	25.45	26.25	0.4217
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	25.41	26.21	0.4178
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	25.5	26.3	0.4266
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.95	24.75	0.2985
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.96	24.76	0.2992
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	24.01	24.81	0.3027
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.94	22.74	0.1879
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.72	22.52	0.1786

41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.87	22.67	0.1849
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.95	25.75	0.3758
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.75	25.55	0.3589
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	24.98	25.78	0.3784
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	26.51	27.31	0.5383
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.36	27.16	0.5200
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	26.71	27.51	0.5636
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	26.51	27.31	0.5383
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.33	27.13	0.5164
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	26.76	27.56	0.5702
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	25.5	26.3	0.4266
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.39	26.19	0.4159
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	25.91	26.71	0.4688
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.96	24.76	0.2992
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	23.9	24.7	0.2951
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	24.37	25.17	0.3289
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	22	22.8	0.1905
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	21.7	22.5	0.1778
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	22.25	23.05	0.2018
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.96	25.76	0.3767
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.84	25.64	0.3664
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	25.3	26.1	0.4074
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	26.56	27.36	0.5445
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	26.18	26.98	0.4989
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	26.6	27.4	0.5495
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	26.59	27.39	0.5483
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	26.13	26.93	0.4932
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	26.54	27.34	0.5420
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	25.55	26.35	0.4315
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	25.17	25.97	0.3954
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	25.61	26.41	0.4375
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	24.03	24.83	0.3041
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23.66	24.46	0.2793
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	24	24.8	0.3020
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	22.07	22.87	0.1936
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.69	22.49	0.1774
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	22.14	22.94	0.1968
41	30	100	528000	2640	CP-OFDM QPSK	137@68	25.05	25.85	0.3846
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.71	25.51	0.3556
41	30	100	528000	2640	CP-OFDM QPSK	1@271	25.1	25.9	0.3890

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0043	**PASS**	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0030	**PASS**	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0060	**PASS**	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0027	**PASS**	-30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0048	**PASS**	-20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0064	**PASS**	-10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0020	**PASS**	0℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0021	**PASS**	10℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0043	**PASS**	20℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0022	**PASS**	30℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0050	**PASS**	40℃
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.0045	**PASS**	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	3.94	13	**PASS**
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	5.02	13	**PASS**

N41(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

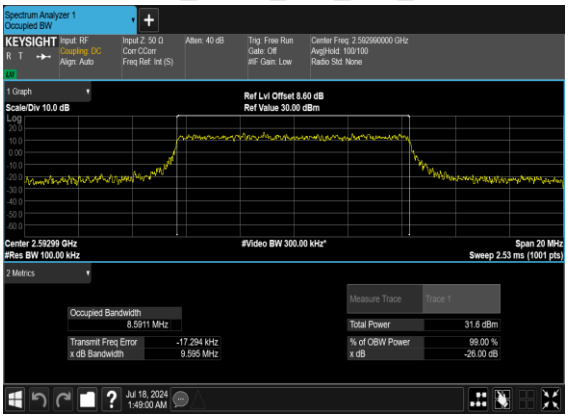
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	10	518598	2592.99	CP-OFDM QPSK	24@0	8.5756	9.847
41	30	10	518598	2592.99	CP-OFDM 16 QAM	24@0	8.5911	9.595
41	30	10	518598	2592.99	CP-OFDM 64 QAM	24@0	8.5933	9.595
41	30	10	518598	2592.99	CP-OFDM 256 QAM	24@0	8.574	9.238
41	30	15	518598	2592.99	CP-OFDM QPSK	38@0	13.563	16.11
41	30	15	518598	2592.99	CP-OFDM 16 QAM	38@0	13.602	14.64
41	30	15	518598	2592.99	CP-OFDM 64 QAM	38@0	13.571	15.14
41	30	15	518598	2592.99	CP-OFDM 256 QAM	38@0	13.564	14.58
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.279	19.48
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.215	19.36
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.182	19.59
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.222	19.55
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.79	29.27
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.791	29.45
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.891	29.6
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.902	29.09
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.847	39.71
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.929	39.62
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.942	39.19
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.942	39.5
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.341	49.35
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.644	49.07

41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.453	49.03
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.465	49.05
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.798	59.79
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.792	59.73
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.834	60.24
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.792	59.79
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.603	69.92
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.399	69.73
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.468	69.69
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.371	69.67
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.555	80.01
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.505	80.03
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.682	80.12
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.595	80.04
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.407	90.45
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.586	90.13
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.52	90.26
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.388	90.24
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.724	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.533	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.27	100.7
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.435	100.4

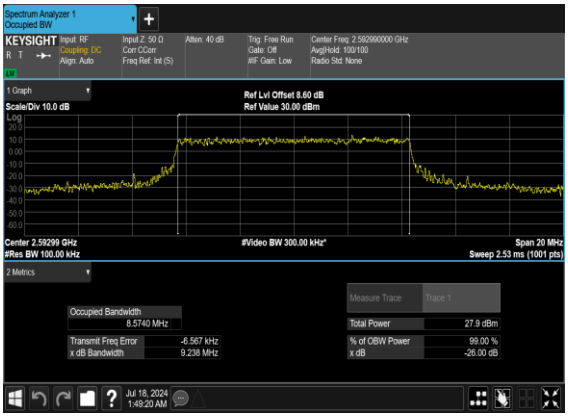
N41(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

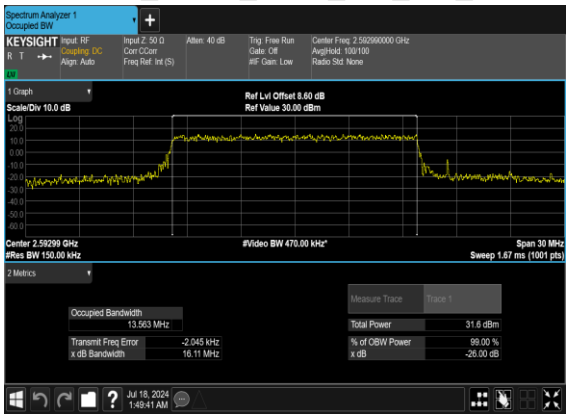


N41(10M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

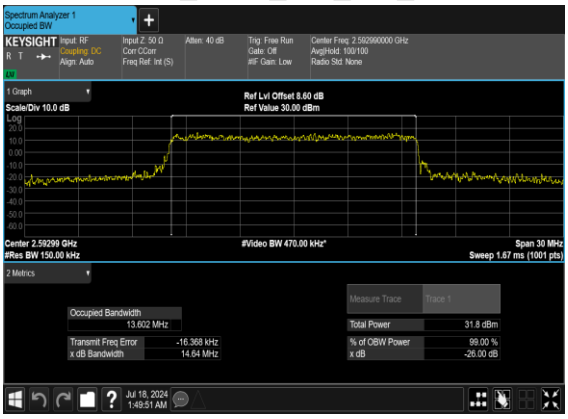
N41(10M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N41(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

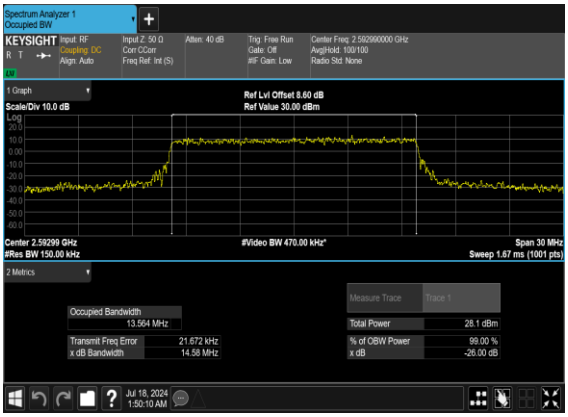


N41(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

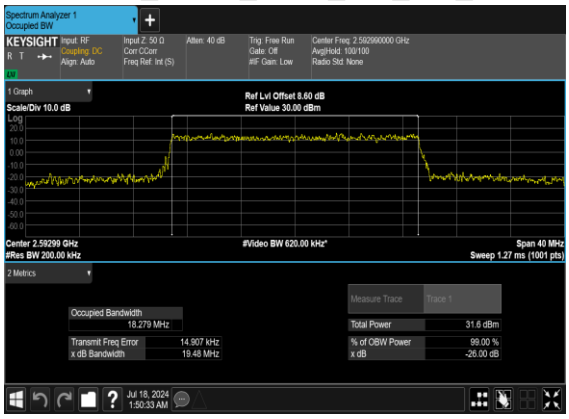


N41(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

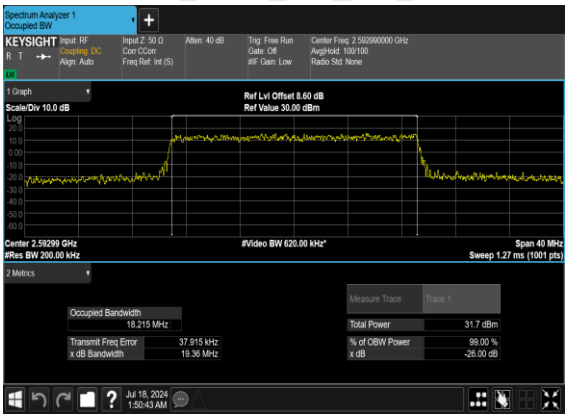
N41(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

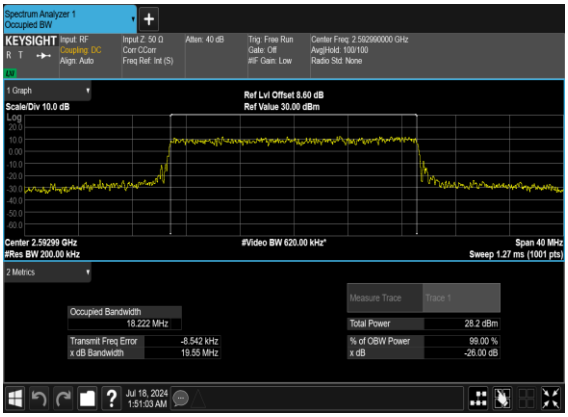


N41(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

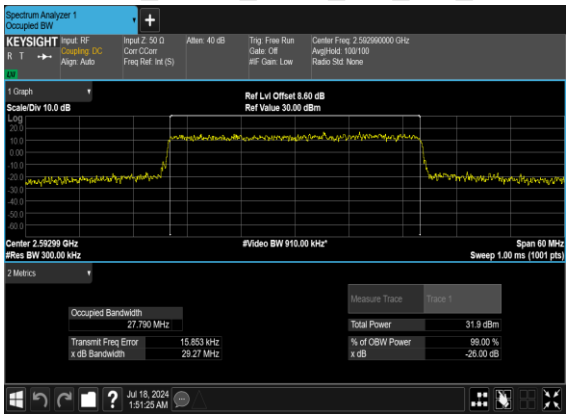


N41(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

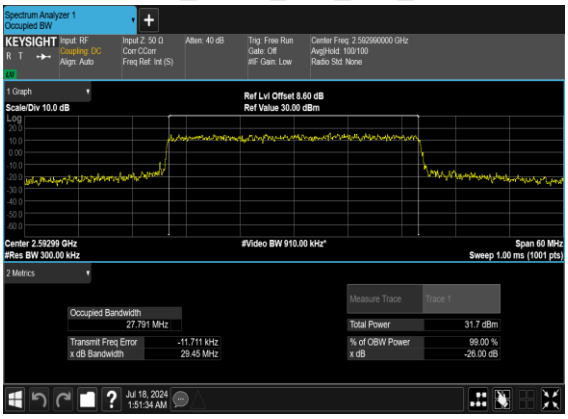
N41(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

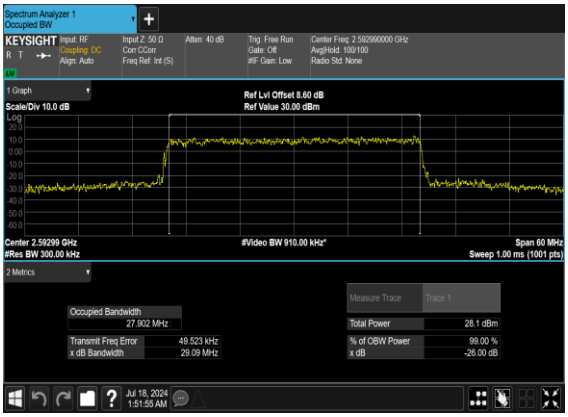


N41(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

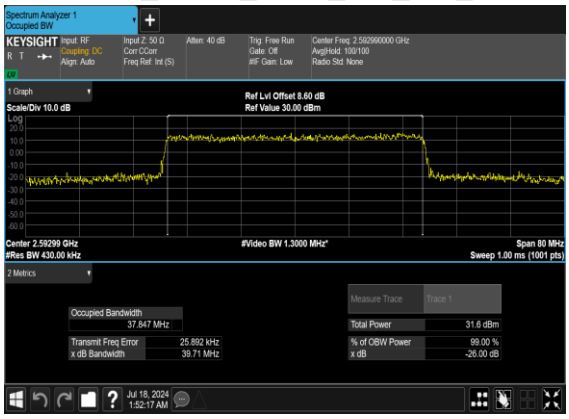


N41(30M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N41(30M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



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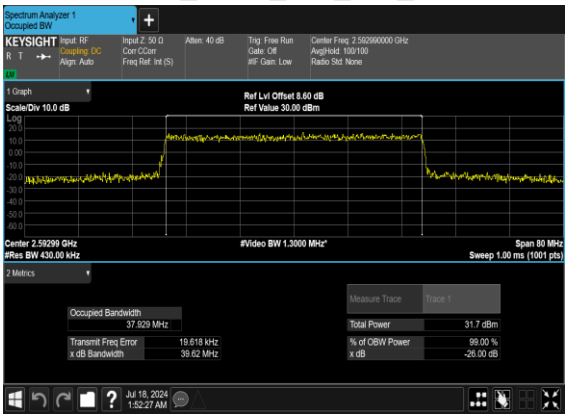
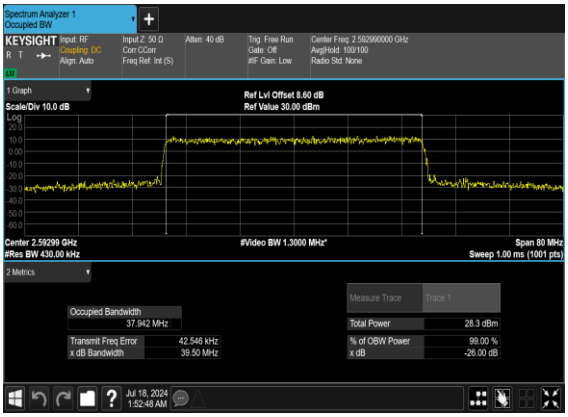
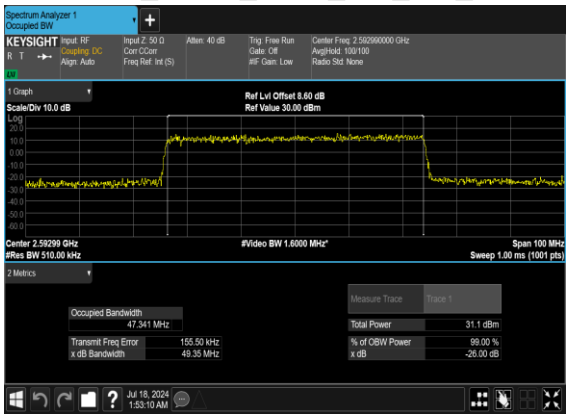


N41(40M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

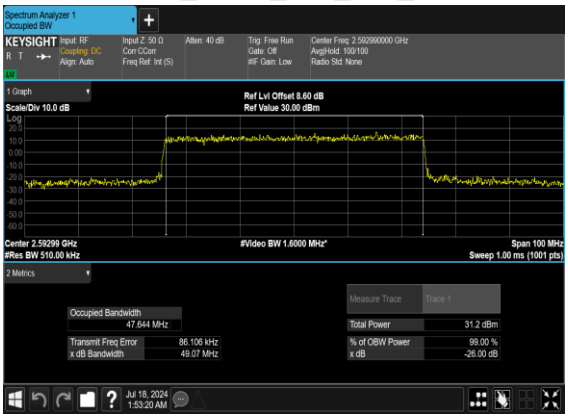
N41(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



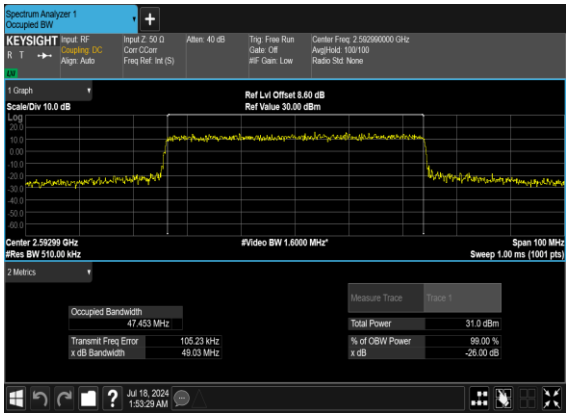
N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



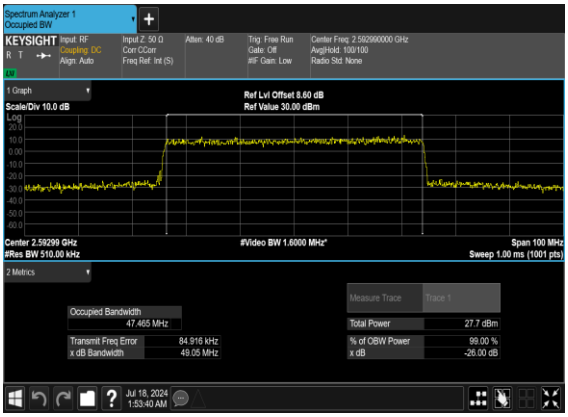
N41(50M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

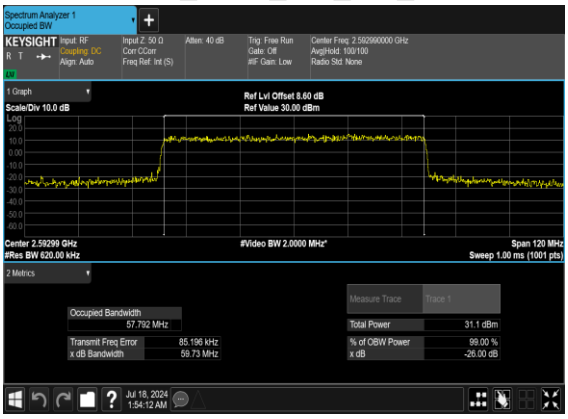


N41(50M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

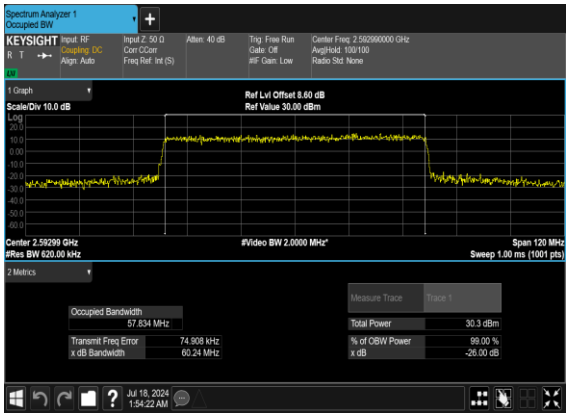


N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

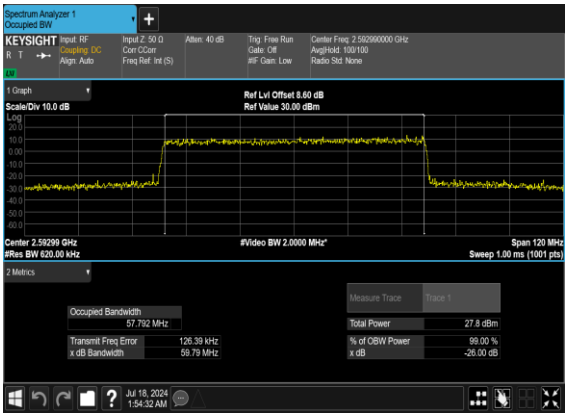
N41(60M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



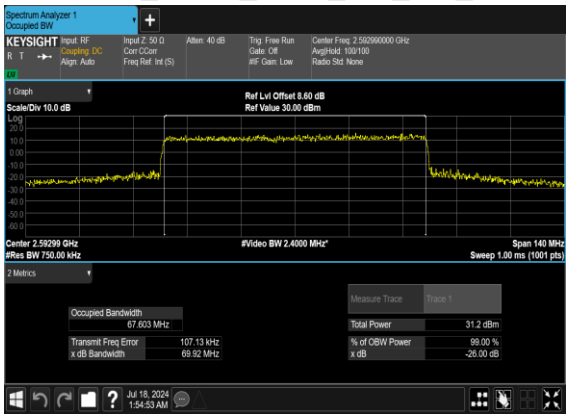
N41(60M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N41(60M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

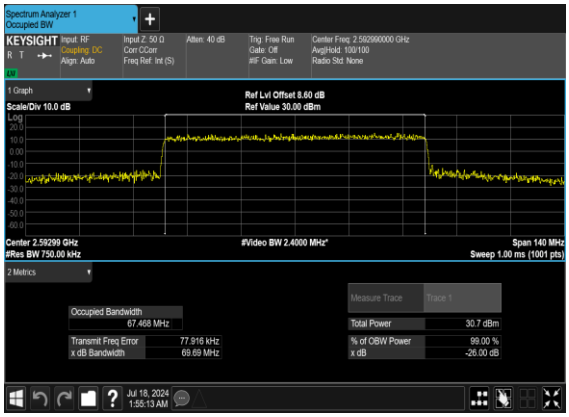


N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

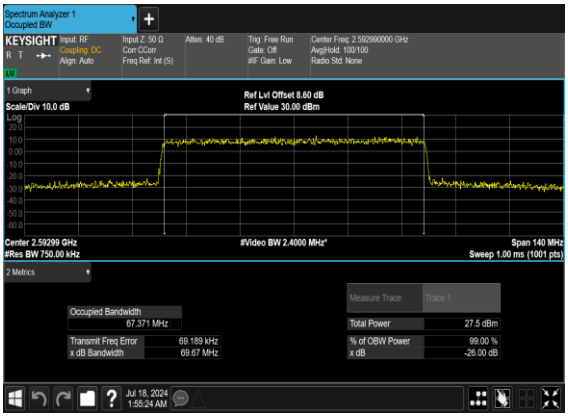


N41(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N41(70M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

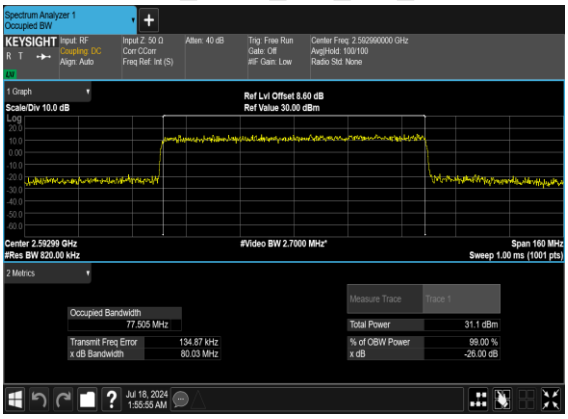


N41(70M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



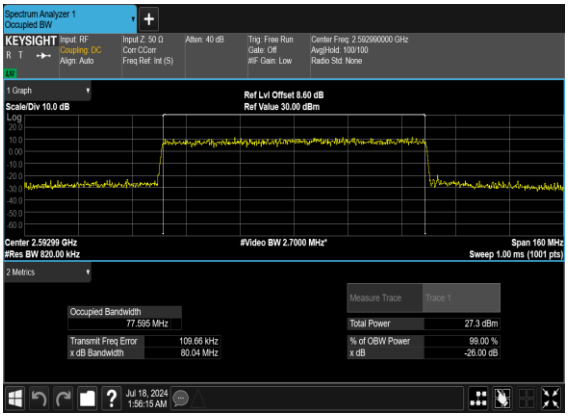
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

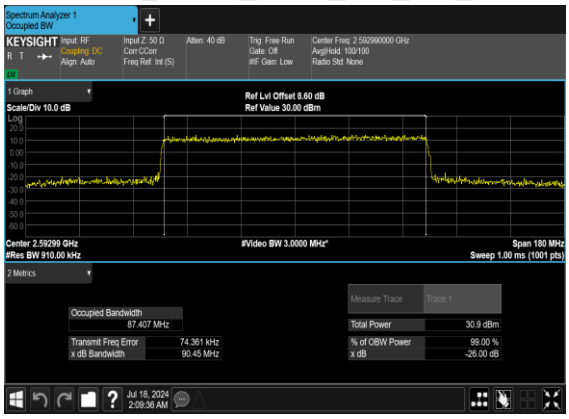


N41(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N41(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

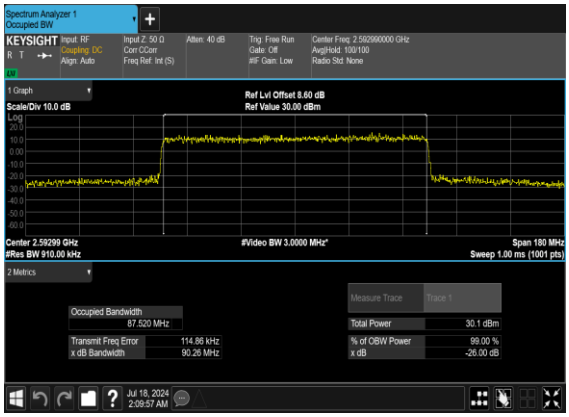


N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

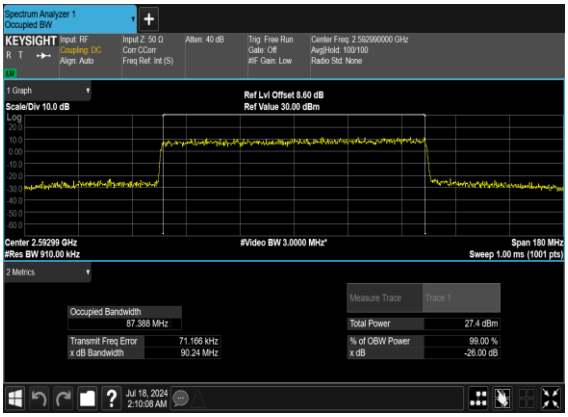


N41(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

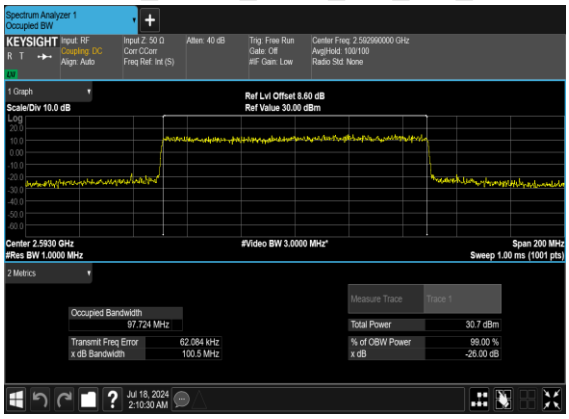
N41(90M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N41(90M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



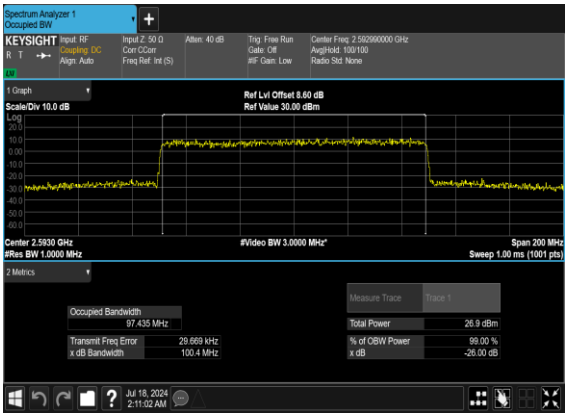
N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

N41(100M)_CP-OFDM_64QAM_Outer_Full_Mid_CH

N41(100M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



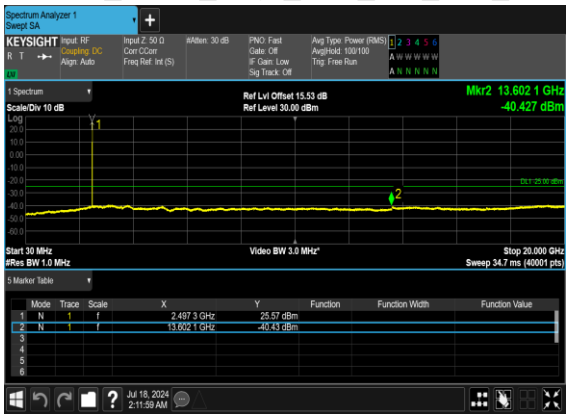
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	10	500202	2501.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	10	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	10	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	---
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	10	537000	2685.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	---
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**

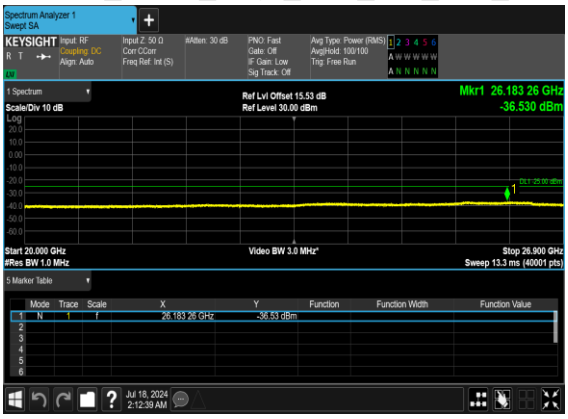
41	30	50	504204	2521.02	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

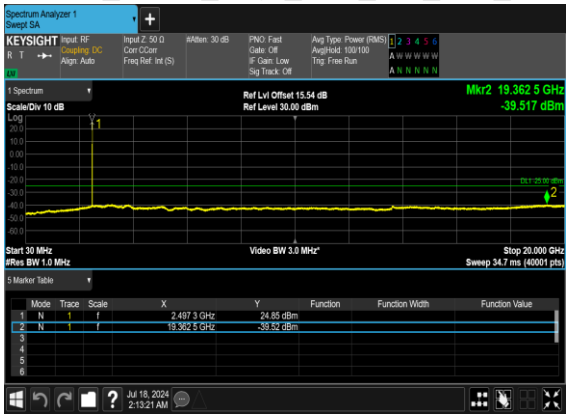
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



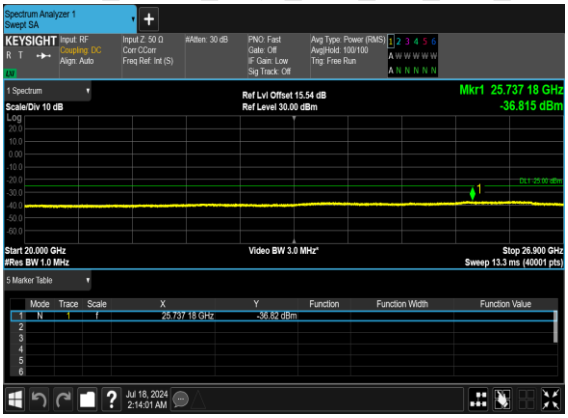
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



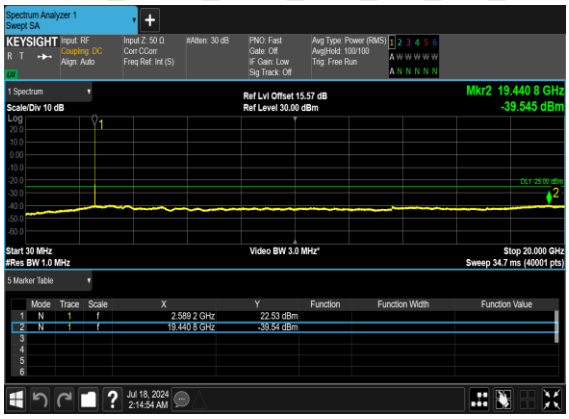
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



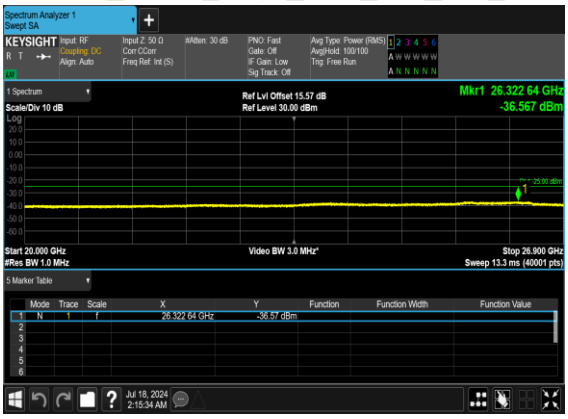
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



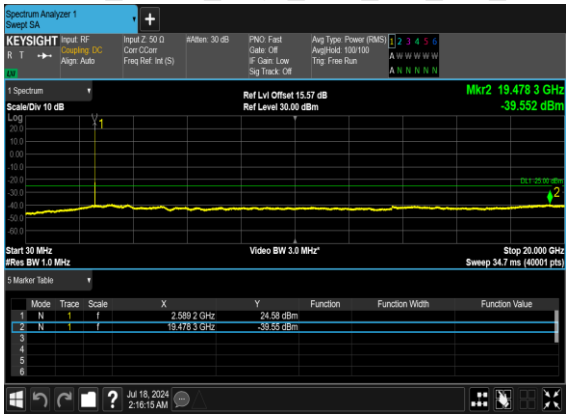
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



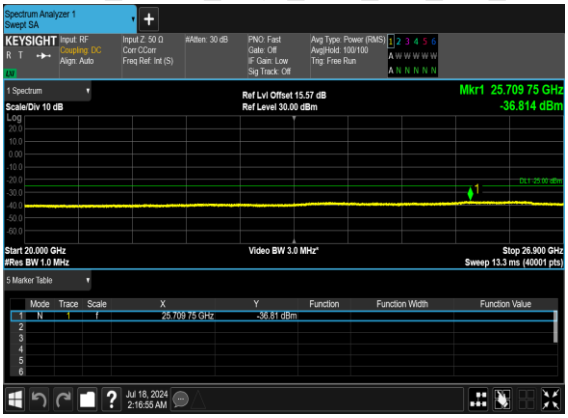
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



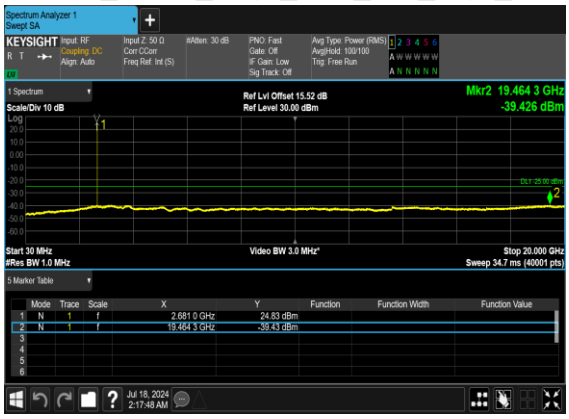
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



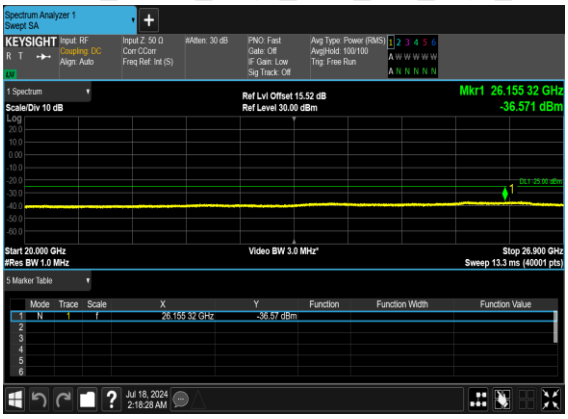
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



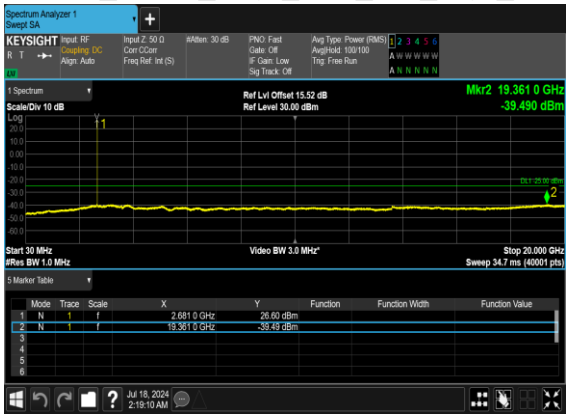
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



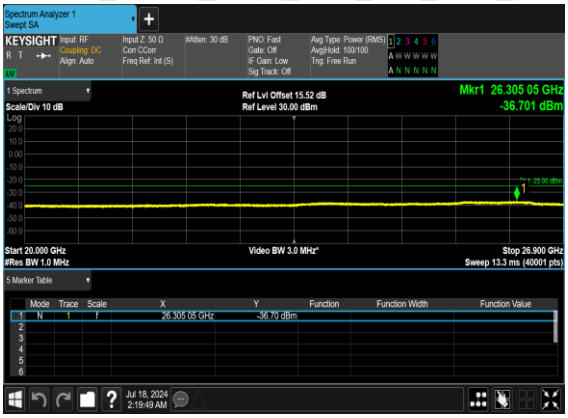
N41(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



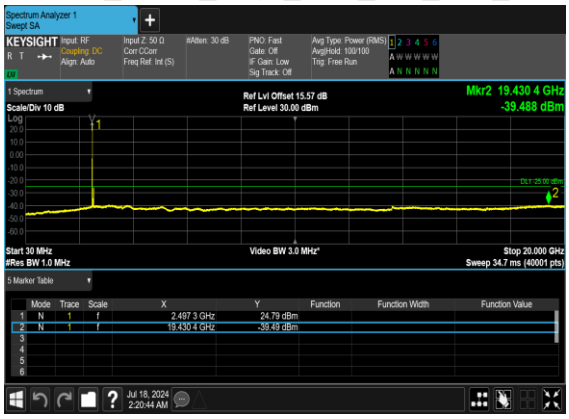
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



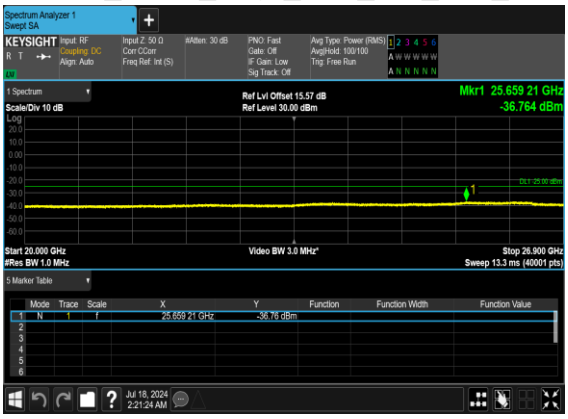
N41(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



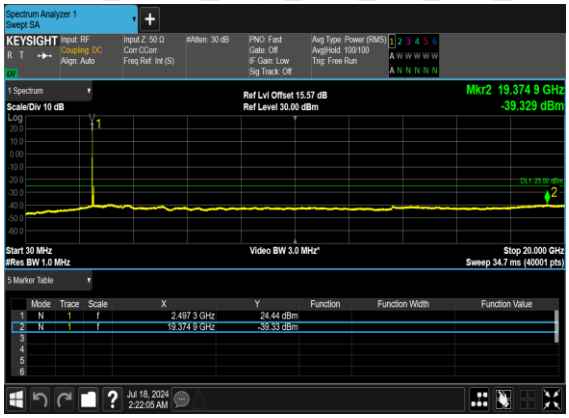
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



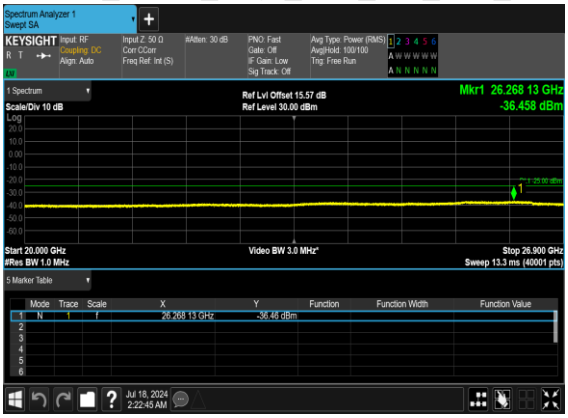
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



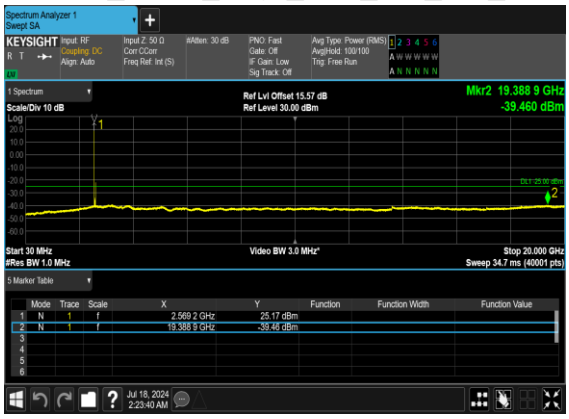
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



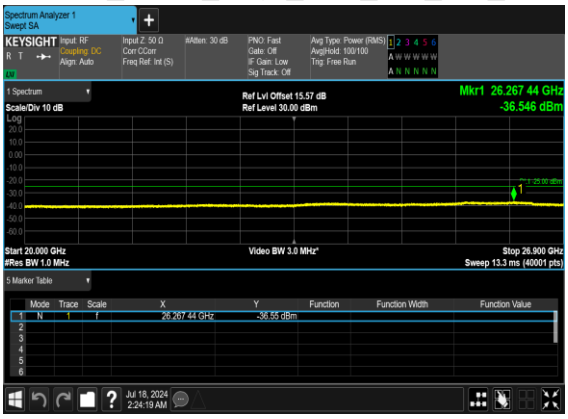
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



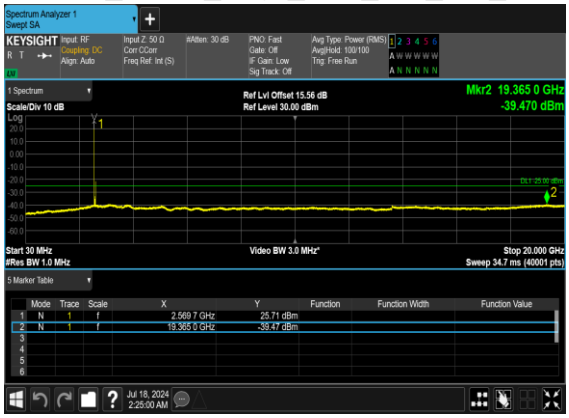
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



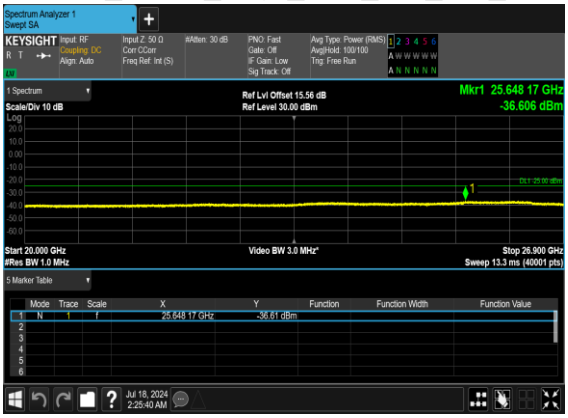
N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



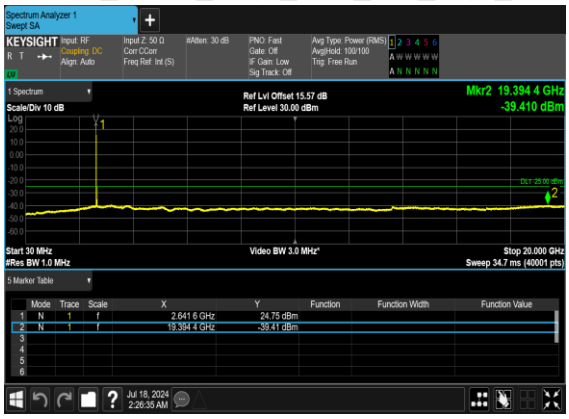
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



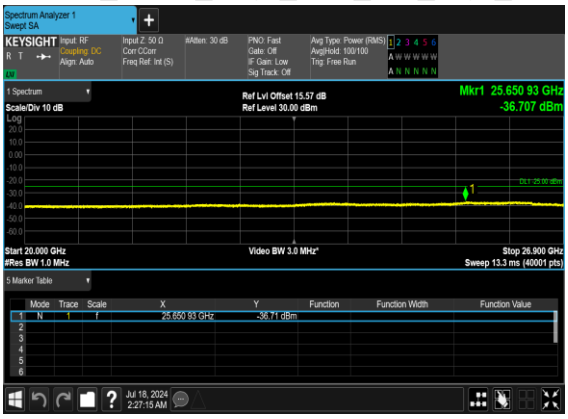
N41(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N41(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



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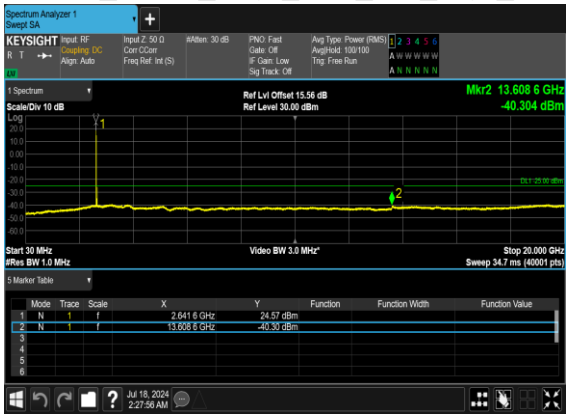

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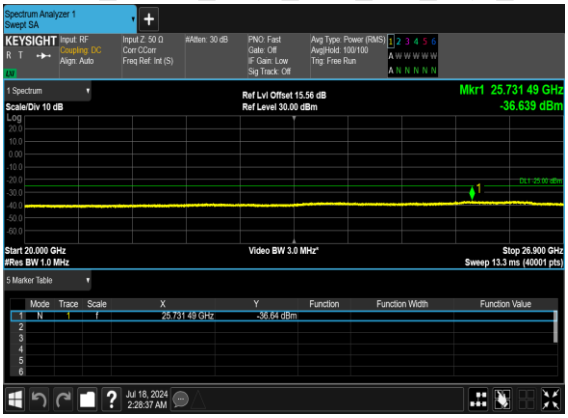

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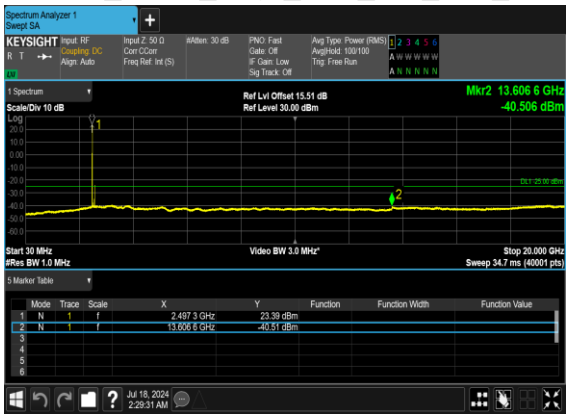

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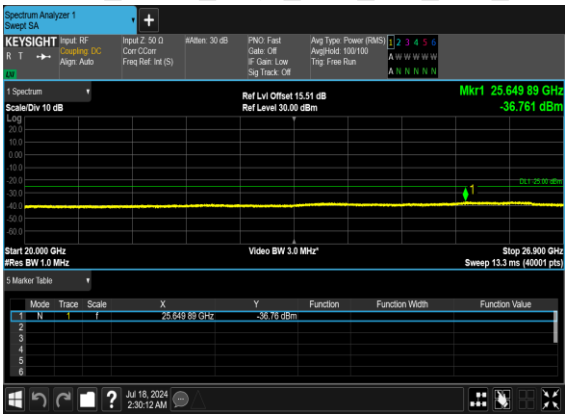

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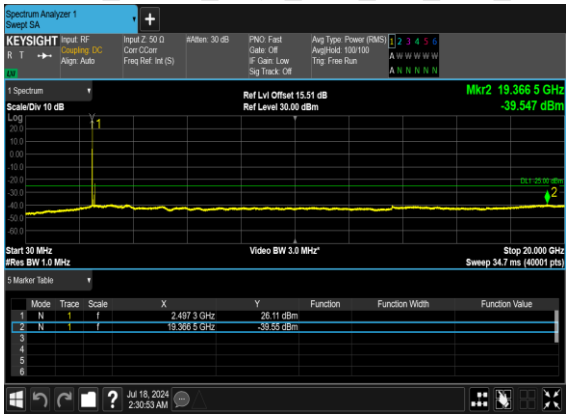
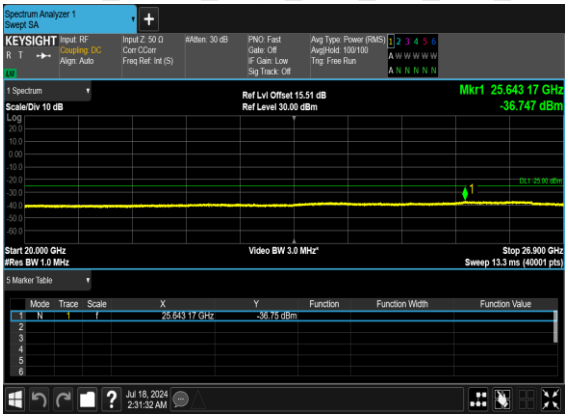
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH