

N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH_CHP_PASS



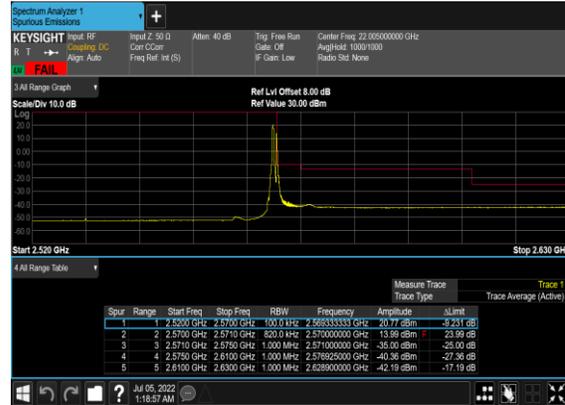
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



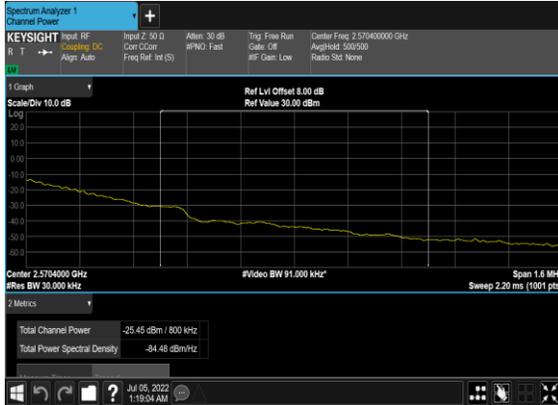
N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH_CHP_PASS



N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



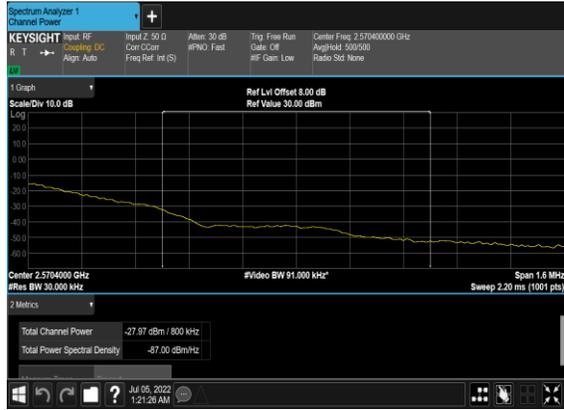
N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS ASS



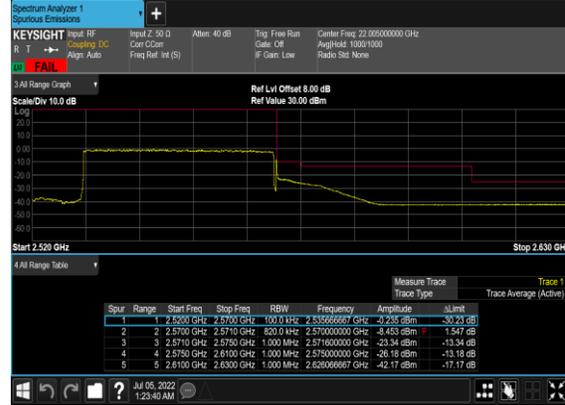
N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_P ASS



N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



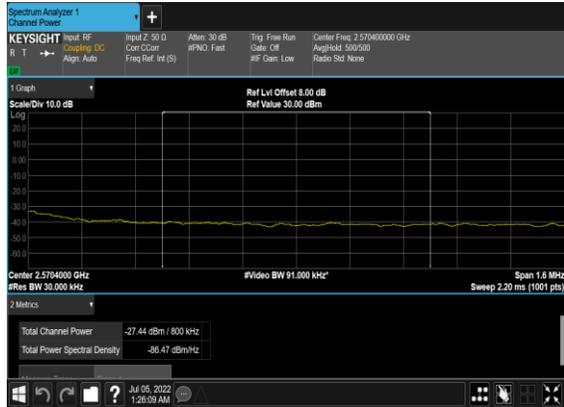
N7(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH_CHP_PASS



N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N7(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH_CHP_PASS



FR1 N38(Ant2_Max Conducted Power)

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)= -1.44dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
38	30	10	515000	2575	DFT-s-OFDM QPSK	1@1	24.42	22.98	0.1986
38	30	10	515000	2575	DFT-s-OFDM 16 QAM	1@1	23.52	22.08	0.1614
38	30	10	519000	2595	DFT-s-OFDM QPSK	1@1	24.18	22.74	0.1879
38	30	10	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.28	21.84	0.1528
38	30	10	523000	2615	DFT-s-OFDM QPSK	1@1	23.44	22	0.1585
38	30	10	523000	2615	DFT-s-OFDM 16 QAM	1@1	22.55	21.11	0.1291
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@1	24.66	23.22	0.2099
38	30	15	515500	2577.5	DFT-s-OFDM 16 QAM	1@1	23.59	22.15	0.1641
38	30	15	519000	2595	DFT-s-OFDM QPSK	1@1	24.33	22.89	0.1945
38	30	15	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.46	22.02	0.1592
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@1	23.37	21.93	0.1560
38	30	15	522500	2612.5	DFT-s-OFDM 16 QAM	1@1	22.33	20.89	0.1227
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	24.6	23.16	0.2070
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	23.74	22.3	0.1698
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	24.45	23.01	0.2000
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.56	22.12	0.1629
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	23.47	22.03	0.1596
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	22.58	21.14	0.1300
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	24.71	23.27	0.2123
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	23.79	22.35	0.1718

38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	24.66	23.22	0.2099
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.76	22.32	0.1706
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	24.05	22.61	0.1824
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	23.16	21.72	0.1486
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	24.68	23.24	0.2109
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	24.66	23.22	0.2099
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	23.77	22.33	0.1710
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	23.93	22.49	0.1774
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	24.67	23.23	0.2104
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	23.02	21.58	0.1439
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	23.03	21.59	0.1442
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	23.68	22.24	0.1675
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	22.14	20.7	0.1175
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	21.64	20.2	0.1047
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	22.32	20.88	0.1225
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	20.77	19.33	0.0857
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	20.09	18.65	0.0733
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	19.99	18.55	0.0716
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	18.99	17.55	0.0569
38	30	40	518000	2590	CP-OFDM QPSK	53@26	22.44	21	0.1259
38	30	40	518000	2590	CP-OFDM QPSK	1@1	23	21.56	0.1432
38	30	40	518000	2590	CP-OFDM QPSK	1@104	21.69	20.25	0.1059
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	24.36	22.92	0.1959
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	24.69	23.25	0.2113

38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	23.8	22.36	0.1722
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	23.81	22.37	0.1726
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	24.76	23.32	0.2148
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	23.22	21.78	0.1507
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	22.91	21.47	0.1403
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	23.72	22.28	0.1690
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	22.46	21.02	0.1265
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	21.43	19.99	0.0998
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	22.27	20.83	0.1211
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	20.99	19.55	0.0902
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	20.04	18.6	0.0724
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	20.05	18.61	0.0726
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	19.13	17.69	0.0587
38	30	40	519000	2595	CP-OFDM QPSK	53@26	22.28	20.84	0.1213
38	30	40	519000	2595	CP-OFDM QPSK	1@1	23.14	21.7	0.1479
38	30	40	519000	2595	CP-OFDM QPSK	1@104	21.78	20.34	0.1081
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	24.3	22.86	0.1932
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	24.62	23.18	0.2080
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	24.14	22.7	0.1862
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	23.66	22.22	0.1667
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	24.46	23.02	0.2004
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	23.53	22.09	0.1618
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	22.67	21.23	0.1327
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	23.6	22.16	0.1644

38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	22.63	21.19	0.1315
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	21.3	19.86	0.0968
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	22.18	20.74	0.1186
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	21.21	19.77	0.0948
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	19.88	18.44	0.0698
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	19.95	18.51	0.0710
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	19.46	18.02	0.0634
38	30	40	520000	2600	CP-OFDM QPSK	53@26	22.09	20.65	0.1161
38	30	40	520000	2600	CP-OFDM QPSK	1@1	23.06	21.62	0.1452
38	30	40	520000	2600	CP-OFDM QPSK	1@104	22.03	20.59	0.1146

Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
38	30	10	519000	2595.0	DFT-s-OFDM PI/2 BPSK	24@0	8.6085	9.591
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	8.6127	9.673
38	30	10	519000	2595.0	CP-OFDM QPSK	24@0	8.6	9.908
38	30	10	519000	2595.0	CP-OFDM 16 QAM	24@0	8.5948	9.69
38	30	10	519000	2595.0	CP-OFDM 64 QAM	24@0	8.599	9.713
38	30	10	519000	2595.0	CP-OFDM 256 QAM	24@0	8.5723	9.556
38	30	15	519000	2595.0	DFT-s-OFDM PI/2 BPSK	36@0	12.872	14.07
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	36@0	12.846	13.87
38	30	15	519000	2595.0	CP-OFDM QPSK	38@0	13.595	15.1
38	30	15	519000	2595.0	CP-OFDM 16 QAM	38@0	13.608	14.73
38	30	15	519000	2595.0	CP-OFDM 64 QAM	38@0	13.591	14.93
38	30	15	519000	2595.0	CP-OFDM 256 QAM	38@0	13.58	14.93

N38(10M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N38(10M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



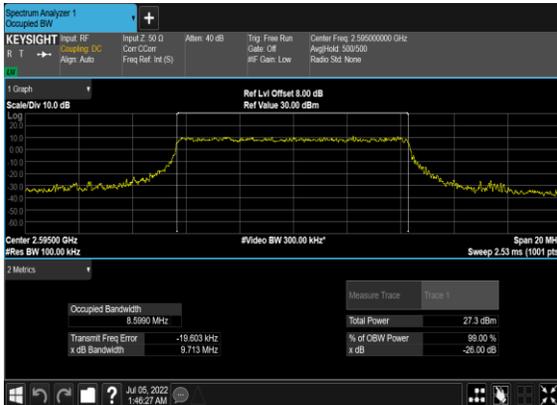
N38(10M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



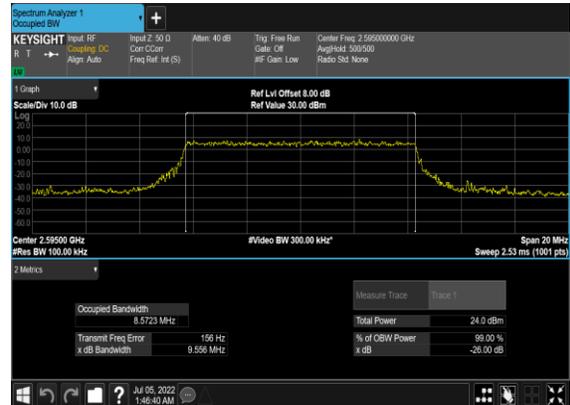
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N38(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N38(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N38(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N38(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



N38(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N38(15M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N38(15M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N38(15M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

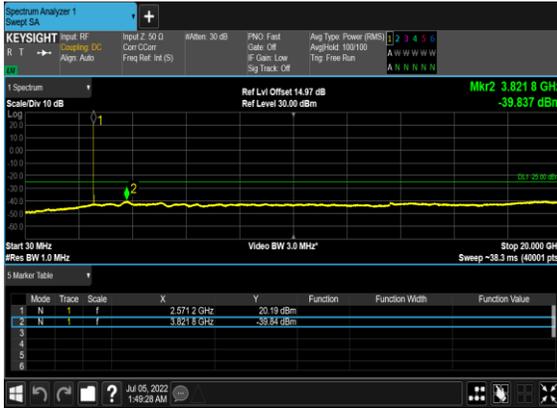


Conducted Spurious Emissions

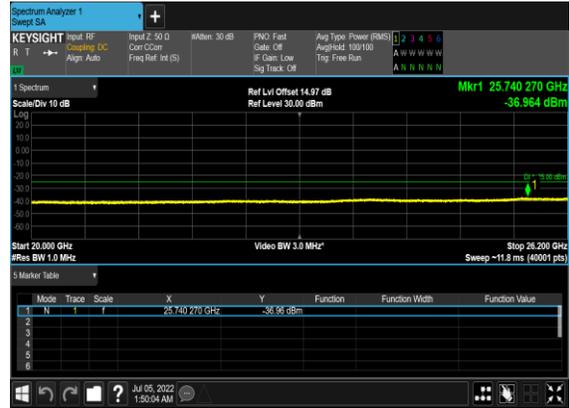
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	30	10	515000	2575.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	10	515000	2575.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	10	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	10	523000	2615.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	15	515500	2577.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	---

38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	15	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	15	522500	2612.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@0	see graph	PASS

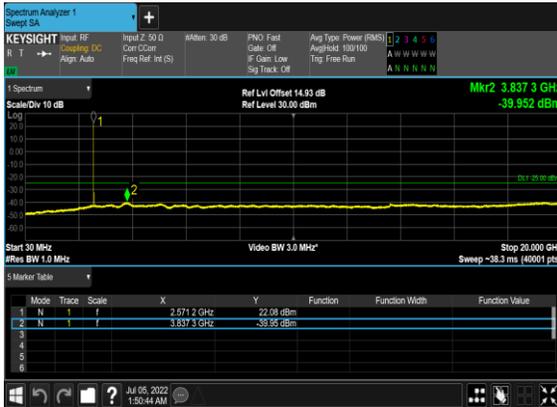
N38(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



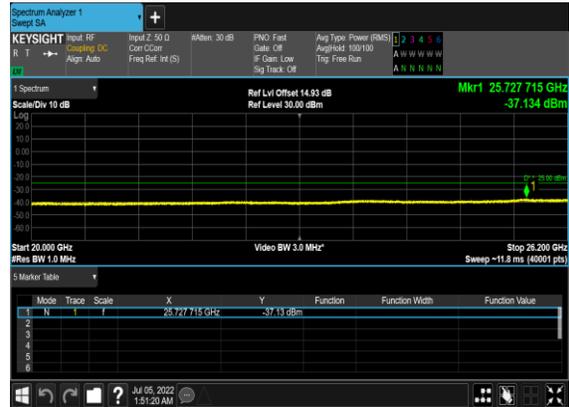
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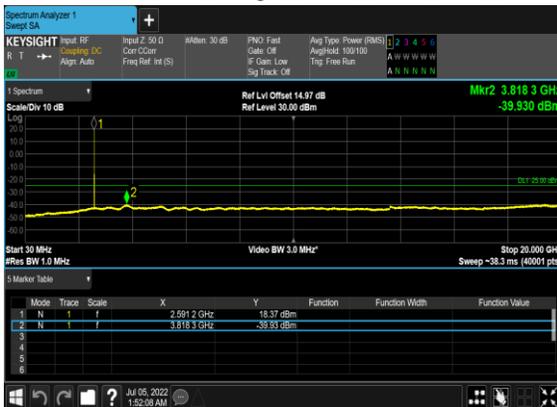
N38(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N38(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



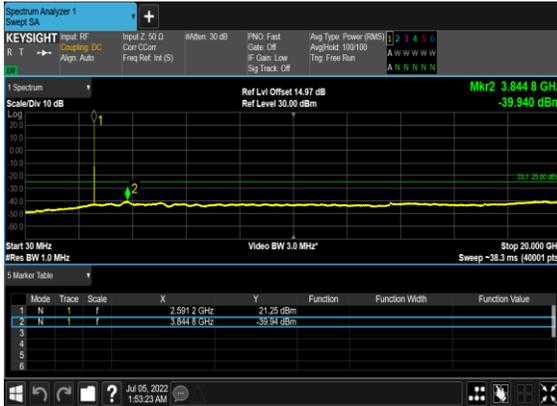
N38(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N38(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



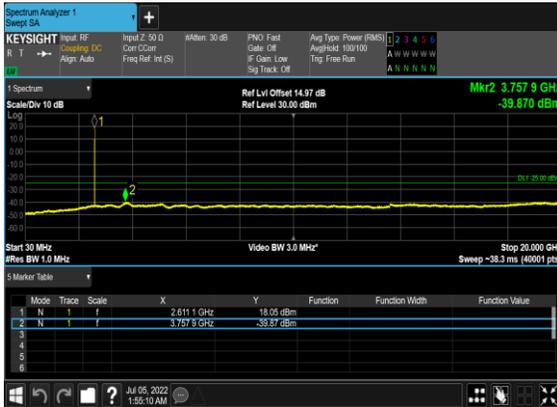
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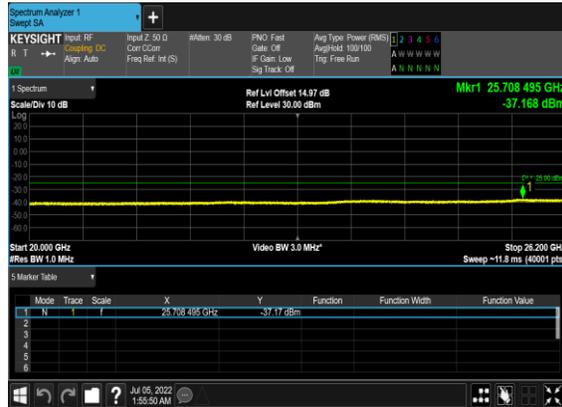
N38(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N38(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N38(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N38(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



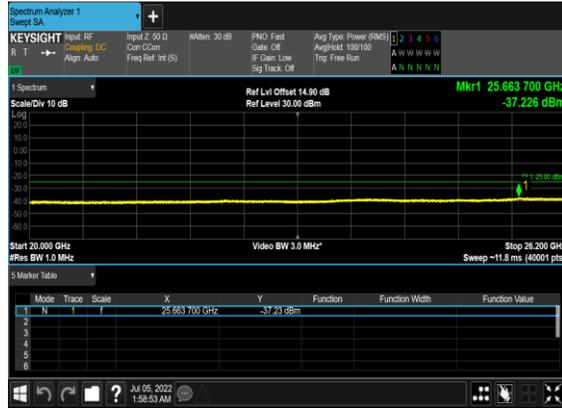
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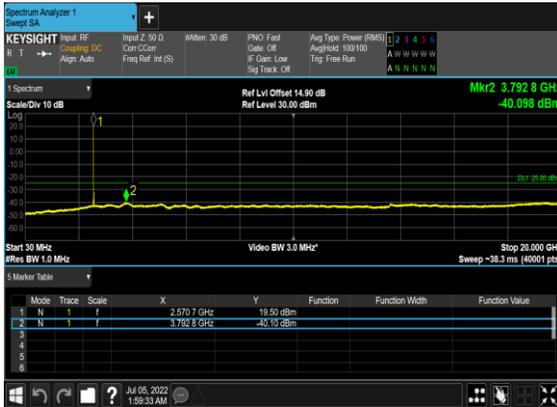
N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



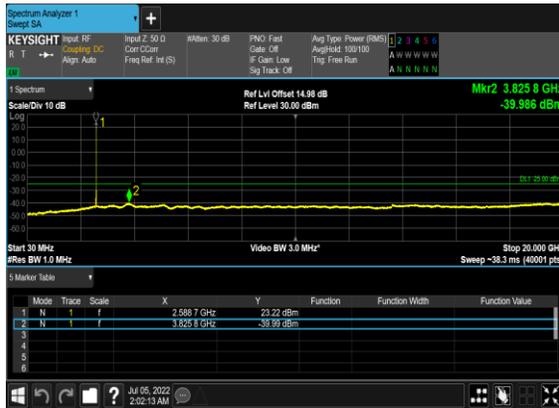
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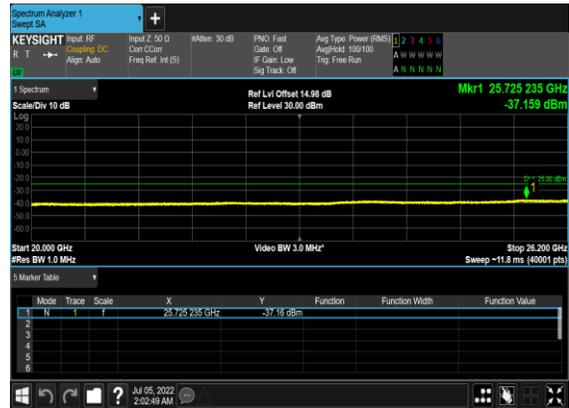
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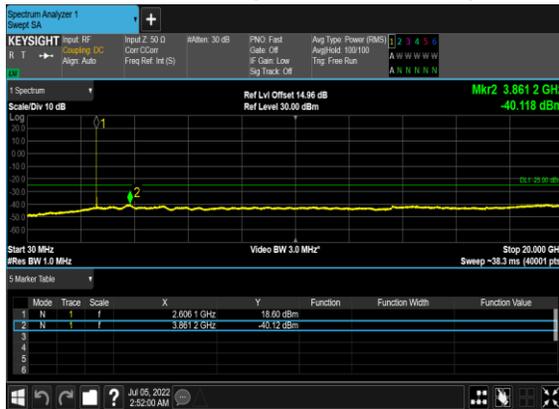
N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



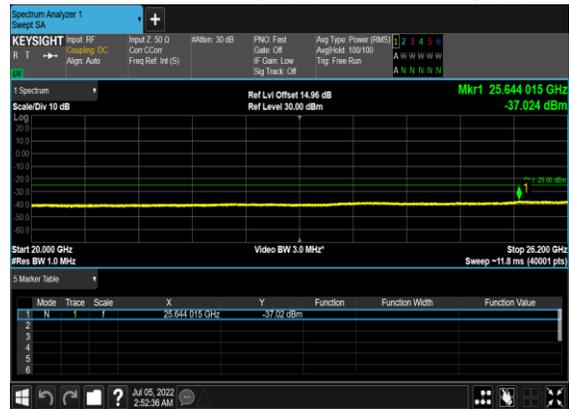
N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	30	10	515000	2575.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM BPSK	36@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	36@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM BPSK	1@37	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@37	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM BPSK	36@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	36@0	see graph	PASS

N38(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N38(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



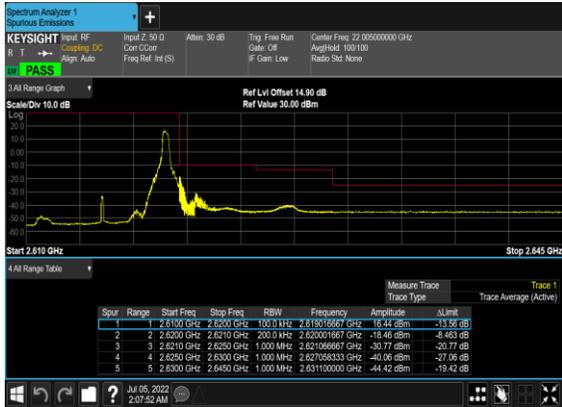
N38(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N38(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



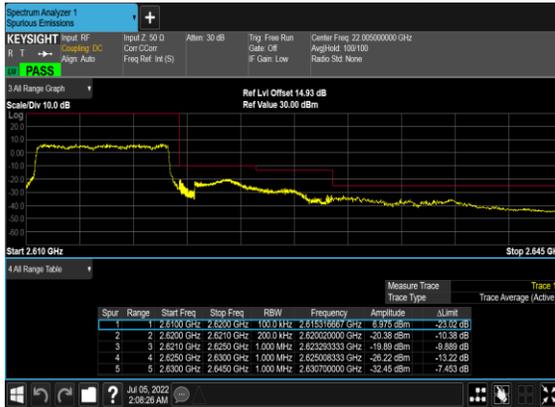
N38(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N38(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



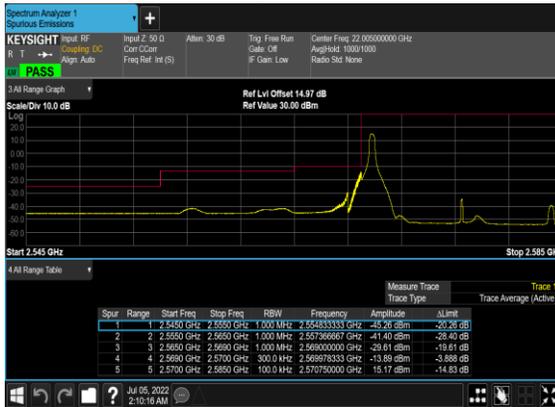
N38(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



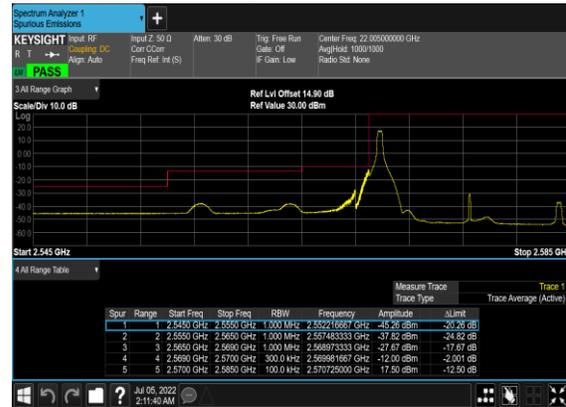
N38(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



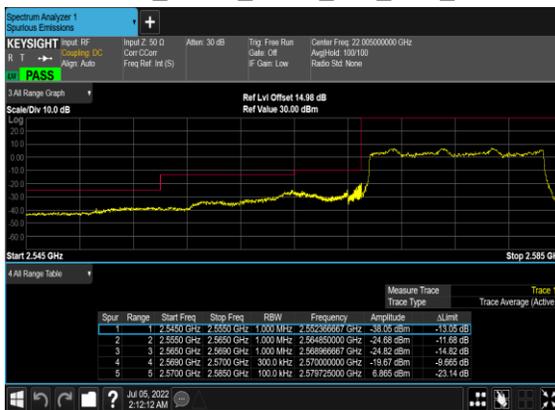
N38(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



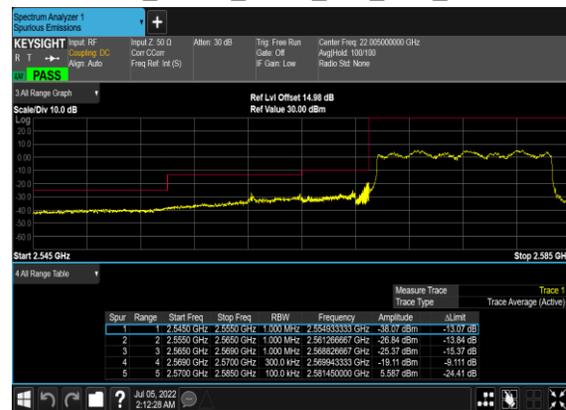
N38(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N38(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



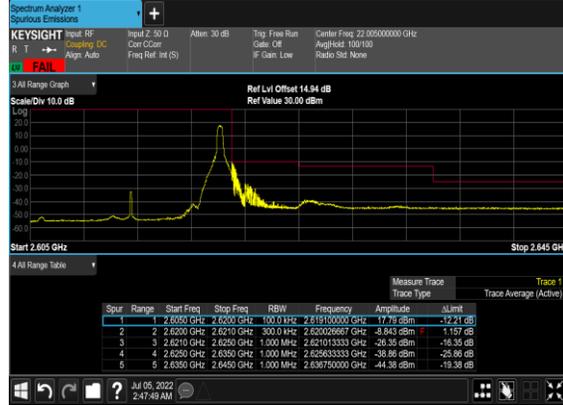
N38(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



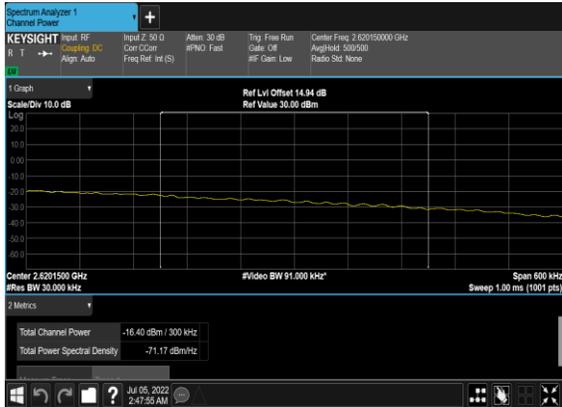
N38(15M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH



N38(15M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



N38(15M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_P ASS



N38(15M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



N38(15M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



FR1 N41(Ant2_Max Conducted Power)

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)= -1.44dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	24.8	23.36	0.2168
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	23.75	22.31	0.1702
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.53	23.09	0.2037
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.63	22.19	0.1656
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	24.62	23.18	0.2080
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.59	22.15	0.1641
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	24.79	23.35	0.2163
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	23.87	22.43	0.1750
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.61	23.17	0.2075
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.69	22.25	0.1679
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.54	23.1	0.2042
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	23.64	22.2	0.1660
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	24.63	23.19	0.2084
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	23.92	22.48	0.1770
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.76	23.32	0.2148
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.79	22.35	0.1718
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	24.61	23.17	0.2075
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	23.71	22.27	0.1687
41	30	50	504204	2521.02	DFT-s-OFDM	1@1	24.76	23.32	0.2148

QPSK									
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	23.85	22.41	0.1742
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.57	23.13	0.2056
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.67	22.23	0.1671
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	24.32	22.88	0.1941
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	23.27	21.83	0.1524
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	24.67	23.23	0.2104
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	23.86	22.42	0.1746
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.57	23.13	0.2056
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.68	22.24	0.1675
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	24.31	22.87	0.1936
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	23.32	21.88	0.1542
41	30	70	506202	2531.01	DFT-s-OFDM QPSK	1@1	24.58	23.14	0.2061
41	30	70	506202	2531.01	DFT-s-OFDM 16 QAM	1@1	23.73	22.29	0.1694
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.4	22.96	0.1977
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.35	21.91	0.1552
41	30	70	531000	2655	DFT-s-OFDM QPSK	1@1	24.25	22.81	0.1910
41	30	70	531000	2655	DFT-s-OFDM 16 QAM	1@1	23.43	21.99	0.1581
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.57	23.13	0.2056
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	23.69	22.25	0.1679
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.3	22.86	0.1932
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.37	21.93	0.1560
41	30	80	529998	2649.99	DFT-s-OFDM	1@1	24.13	22.69	0.1858

QPSK									
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	23.12	21.68	0.1472
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	24.51	23.07	0.2028
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	23.66	22.22	0.1667
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.34	22.9	0.1950
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.34	21.9	0.1549
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	23.95	22.51	0.1782
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	23.09	21.65	0.1462
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	24.6	23.16	0.2070
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.62	23.18	0.2080
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	24.6	23.16	0.2070
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	24.62	23.18	0.2080
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	24.58	23.14	0.2061
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	24.48	23.04	0.2014
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	23.57	22.13	0.1633
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	23.68	22.24	0.1675
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	23.64	22.2	0.1660
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	22.09	20.65	0.1161
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	22.08	20.64	0.1159
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	22.14	20.7	0.1175
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	20.1	18.66	0.0735
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	19.83	18.39	0.0690
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	19.89	18.45	0.0700

QAM										
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	23.07	21.63	0.1455	
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	23	21.56	0.1432	
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	22.96	21.52	0.1419	
41	30	100	518598	2592.99	DFT-s- OFDM PI/2 BPSK	135@67	24.5	23.06	0.2023	
41	30	100	518598	2592.99	DFT-s- OFDM PI/2 BPSK	1@1	24.34	22.9	0.1950	
41	30	100	518598	2592.99	DFT-s- OFDM PI/2 BPSK	1@271	24.7	23.26	0.2118	
41	30	100	518598	2592.99	DFT-s- OFDM QPSK	135@67	24.38	22.94	0.1968	
41	30	100	518598	2592.99	DFT-s- OFDM QPSK	1@1	24.32	22.88	0.1941	
41	30	100	518598	2592.99	DFT-s- OFDM QPSK	1@271	24.66	23.22	0.2099	
41	30	100	518598	2592.99	DFT-s- OFDM 16 QAM	135@67	23.39	21.95	0.1567	
41	30	100	518598	2592.99	DFT-s- OFDM 16 QAM	1@1	23.54	22.1	0.1622	
41	30	100	518598	2592.99	DFT-s- OFDM 16 QAM	1@271	23.88	22.44	0.1754	
41	30	100	518598	2592.99	DFT-s- OFDM 64 QAM	135@67	21.98	20.54	0.1132	
41	30	100	518598	2592.99	DFT-s- OFDM 64 QAM	1@1	21.8	20.36	0.1086	
41	30	100	518598	2592.99	DFT-s- OFDM 64 QAM	1@271	22.27	20.83	0.1211	
41	30	100	518598	2592.99	DFT-s- OFDM 256 QAM	135@67	19.9	18.46	0.0701	
41	30	100	518598	2592.99	DFT-s- OFDM 256 QAM	1@1	19.67	18.23	0.0665	
41	30	100	518598	2592.99	DFT-s- OFDM 256 QAM	1@271	20.09	18.65	0.0733	
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	22.96	21.52	0.1419	
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	22.69	21.25	0.1334	
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	23.13	21.69	0.1476	
41	30	100	528000	2640	DFT-s- OFDM PI/2 BPSK	135@67	24.42	22.98	0.1986	
41	30	100	528000	2640	DFT-s- OFDM PI/2 BPSK	1@1	24.1	22.66	0.1845	

41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	24.81	23.37	0.2173
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	24.4	22.96	0.1977
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	24.08	22.64	0.1837
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	24.75	23.31	0.2143
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	23.42	21.98	0.1578
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	23.06	21.62	0.1452
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	23.87	22.43	0.1750
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	21.92	20.48	0.1117
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	21.67	20.23	0.1054
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	22.46	21.02	0.1265
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	19.93	18.49	0.0706
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	19.4	17.96	0.0625
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	20.11	18.67	0.0736
41	30	100	528000	2640	CP-OFDM QPSK	137@68	22.91	21.47	0.1403
41	30	100	528000	2640	CP-OFDM QPSK	1@1	22.55	21.11	0.1291
41	30	100	528000	2640	CP-OFDM QPSK	1@271	23.17	21.73	0.1489

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	0.00132	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00234	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00119	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00242	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00153	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00162	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00195	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00201	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00111	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00123	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00026	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	0.00269	PASS	50°C

Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.8	19.39
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.789	19.37
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.227	19.56
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.243	19.6
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.243	19.51
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.195	19.75
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	26.746	28.42
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	75@0	26.792	28.33
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.817	29.28
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.884	29.51
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.825	29.31
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.843	29.45
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.701	37.1
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	35.73	37.66
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.836	39.71
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.852	39.74
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.823	39.57
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.805	39.63
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.783	47.64
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	45.758	47.55
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.441	49.24
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.504	49.71
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.546	49.64
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.462	49.53

41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	162@0	57.93	60.15
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	57.877	59.88
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.751	60.04
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.821	60.01
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.828	60.26
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.785	60.11
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	180@0	64.3	66.73
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	180@0	64.25	66.43
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.598	69.85
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.322	69.65
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.466	70.02
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.427	69.78
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	77.169	79.63
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	216@0	77.025	79.83
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.401	80.21
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.465	79.89
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.345	80.4
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.363	80.03
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	85.661	88.68
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	240@0	85.544	88.77
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.551	90.35
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.371	90.19
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.359	90.4
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.244	90.47
41	30	100	518598	2546.01	DFT-s-OFDM PI/2 BPSK	270@0	96.395	99.49
41	30	100	518598	2592.99	DFT-s-OFDM	270@0	96.345	99.55

QPSK								
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.413	100.8
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.689	100.7
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.362	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.515	100.7

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



N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



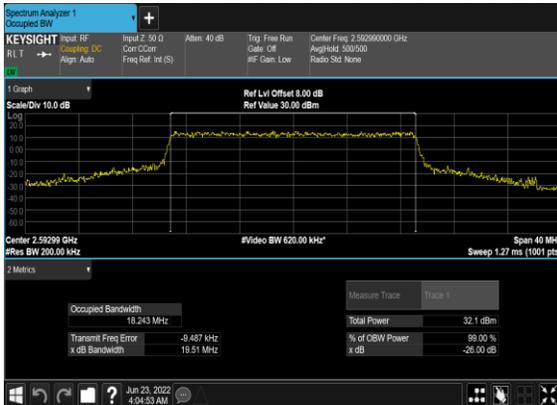
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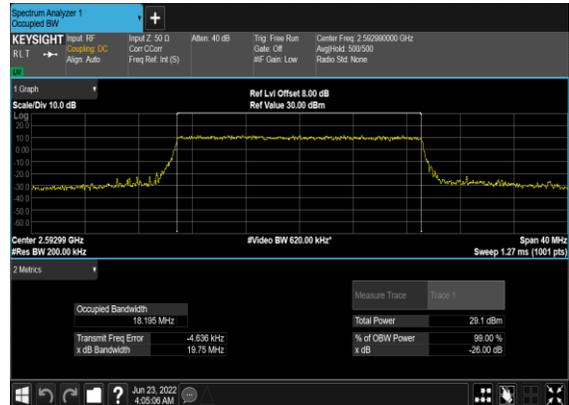
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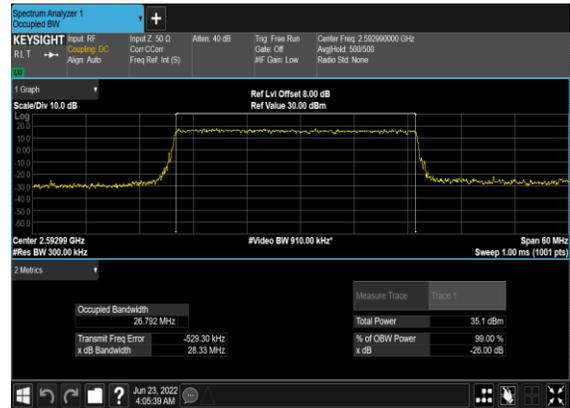
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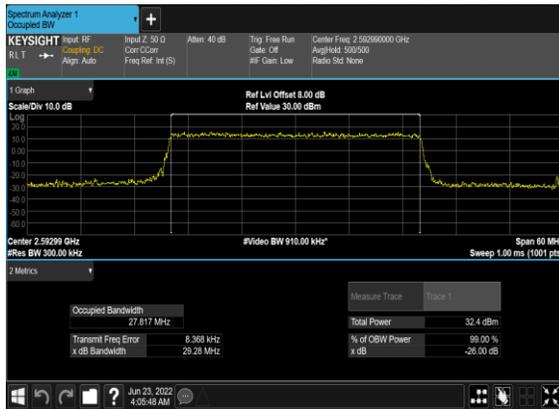
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BPSK_Outer_Full_Mid_CH



N41(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



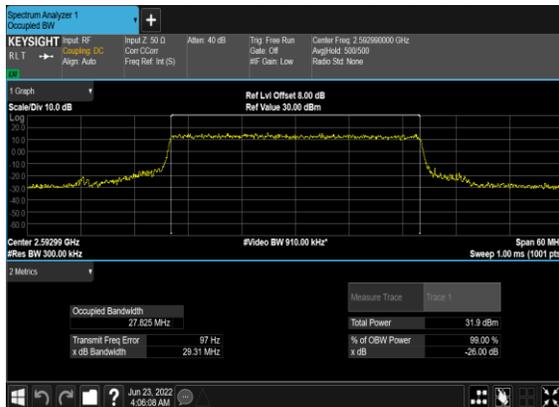
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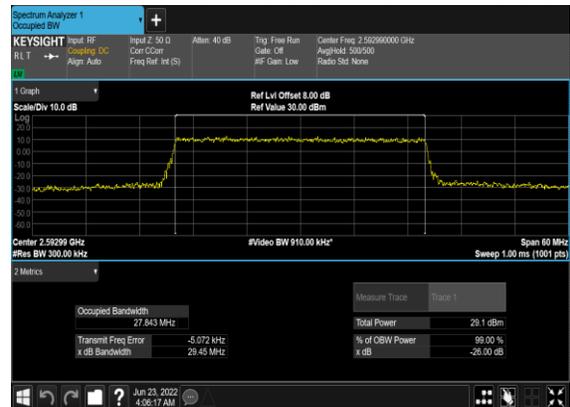
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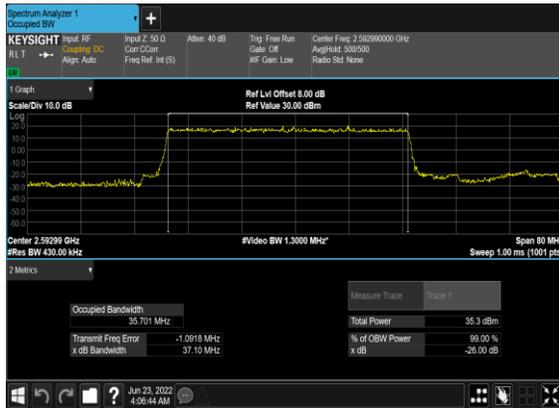
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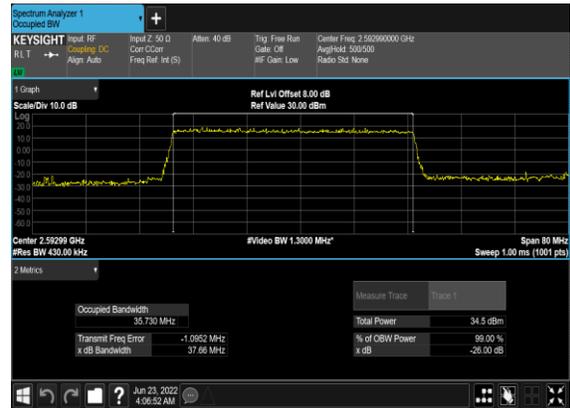
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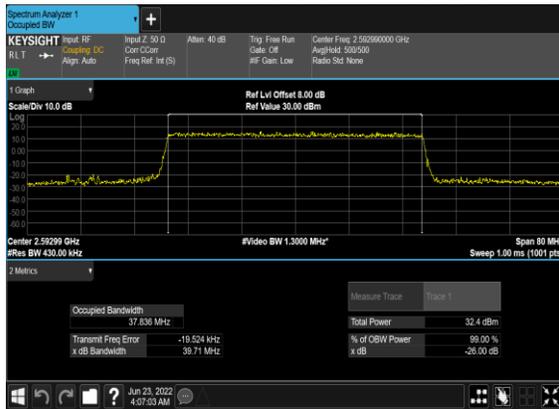
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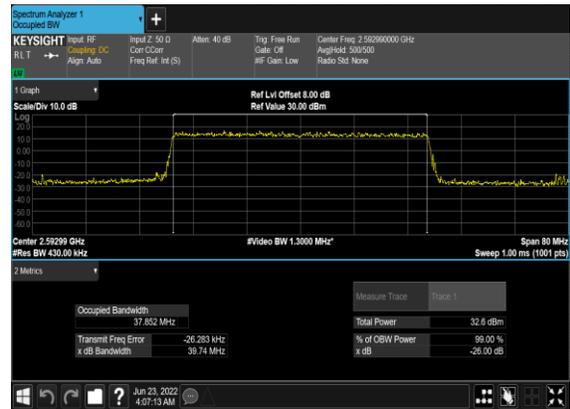
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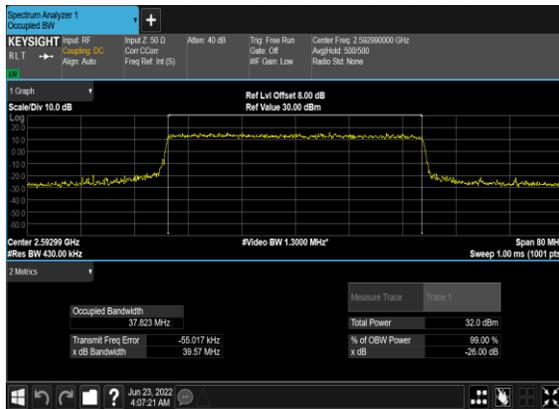
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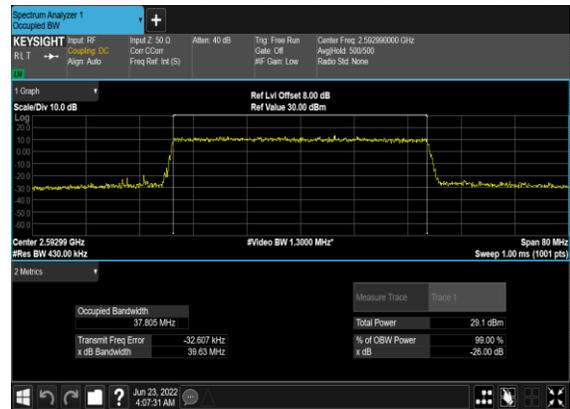
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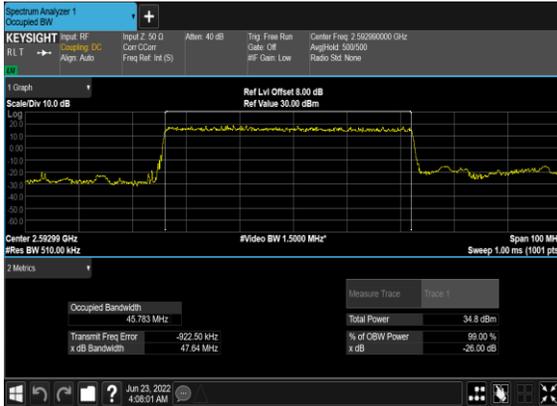
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N41(40M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



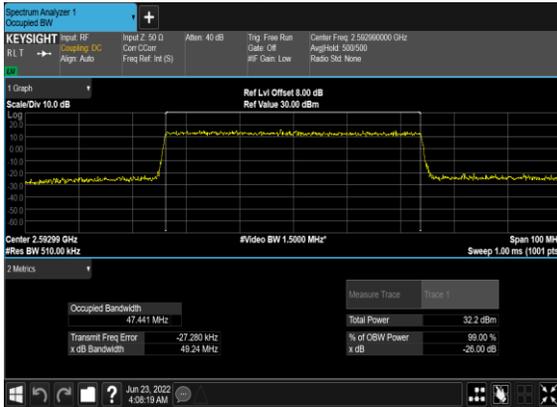
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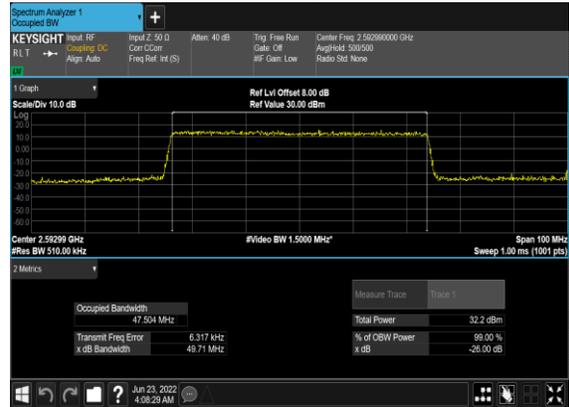
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N41(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



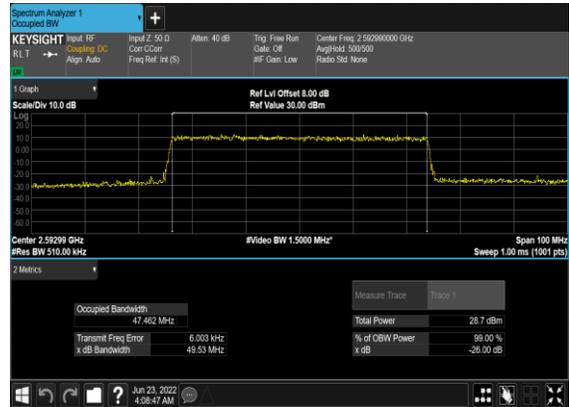
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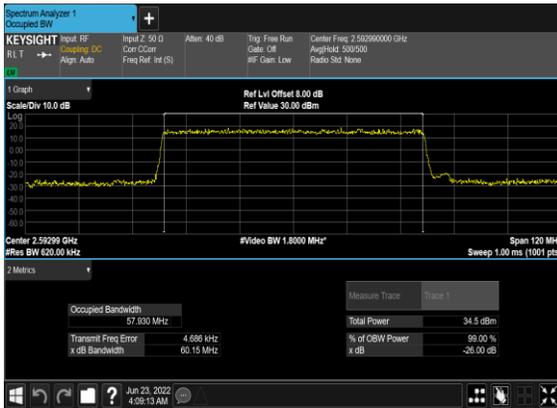
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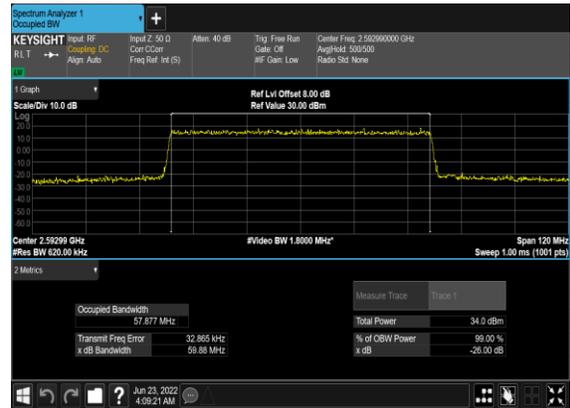
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QAM_Outer_Full_Mid_CH



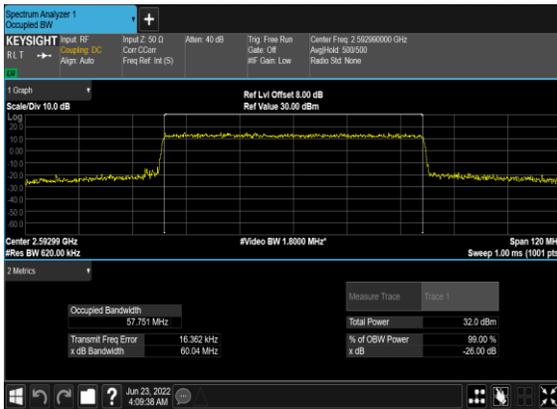
N41(60M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N41(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N41(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



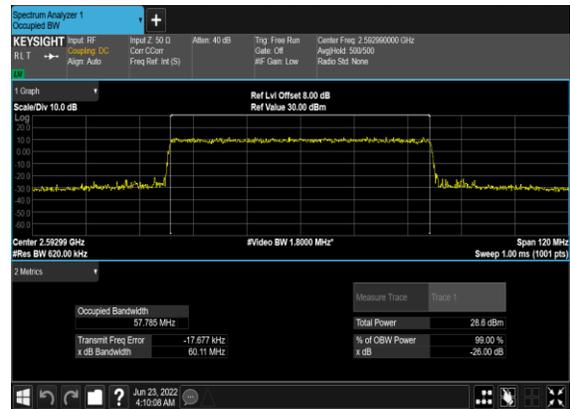
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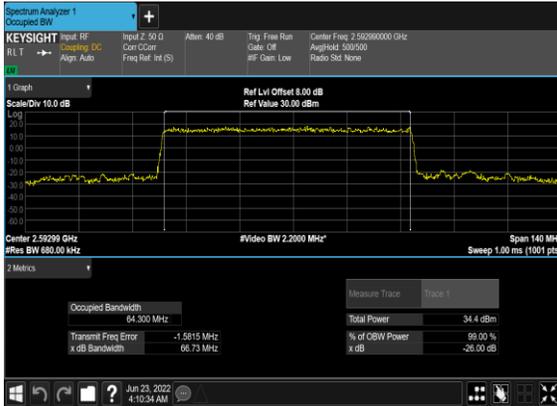
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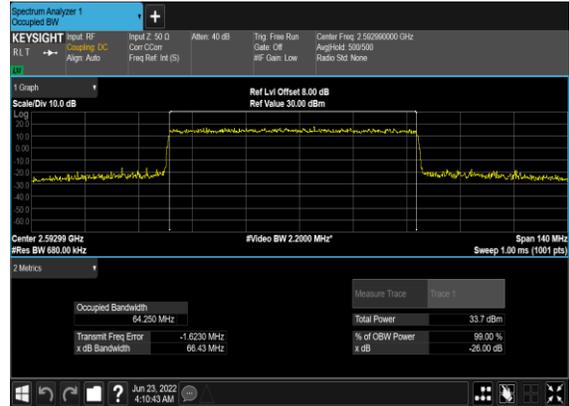
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QAM_Outer_Full_Mid_CH



N41(70M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N41(70M)_DFT-s-OFDM_QPSK_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

