

N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



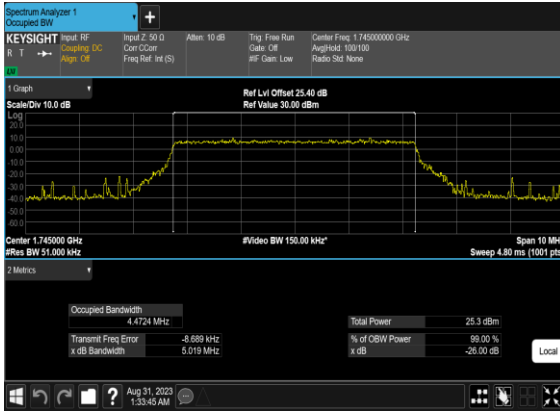
N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



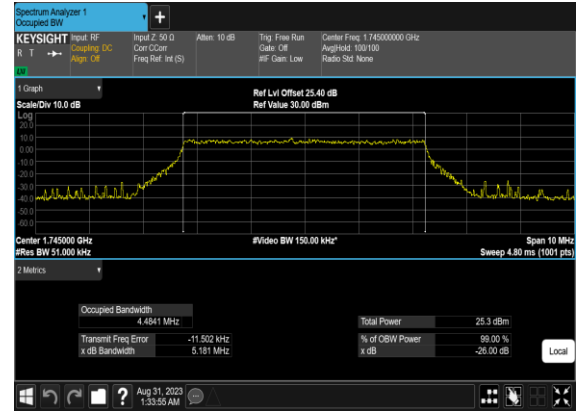
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4724	5.019
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4841	5.181
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4624	4.934
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4725	4.971
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2741	10.03
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.3029	9.91
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2718	9.901
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.2929	9.908
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.114	15.0
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.092	14.86
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.124	14.83
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.08	15.03
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.951	19.81
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.923	19.87
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.946	19.79
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.959	19.86

N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



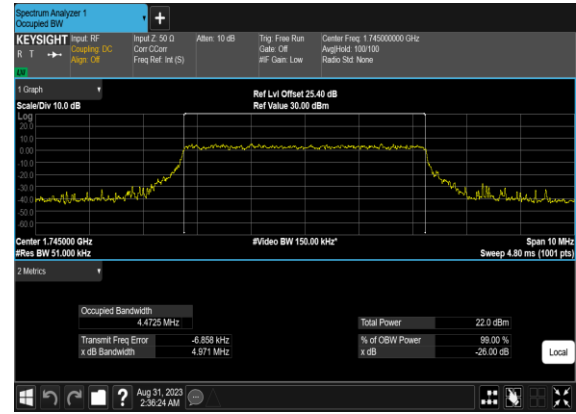
N66(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



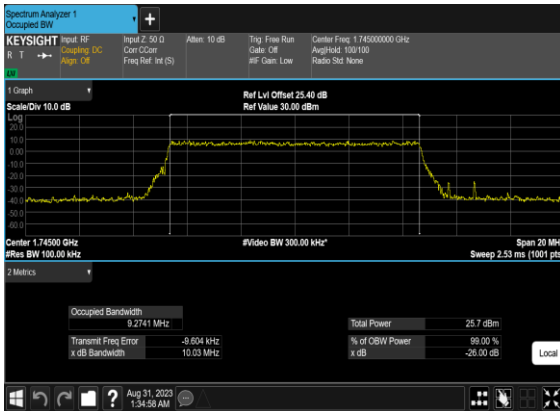
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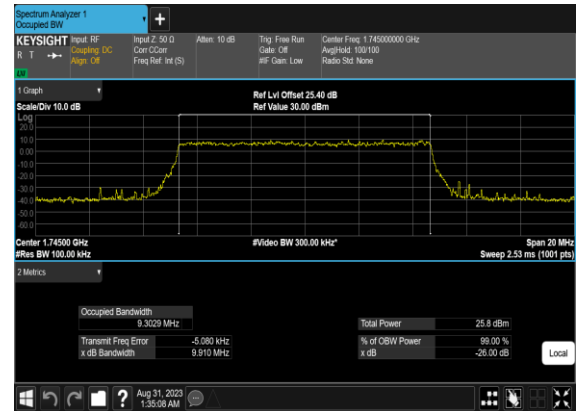
N66(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



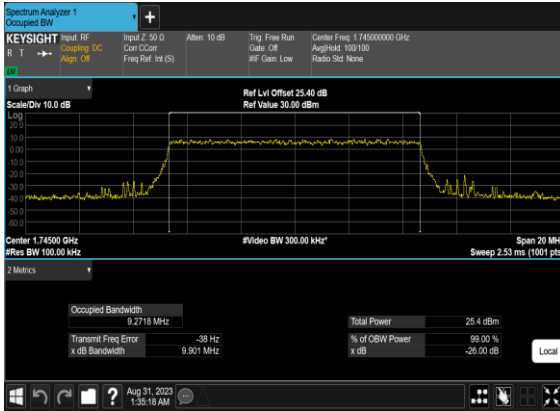
N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



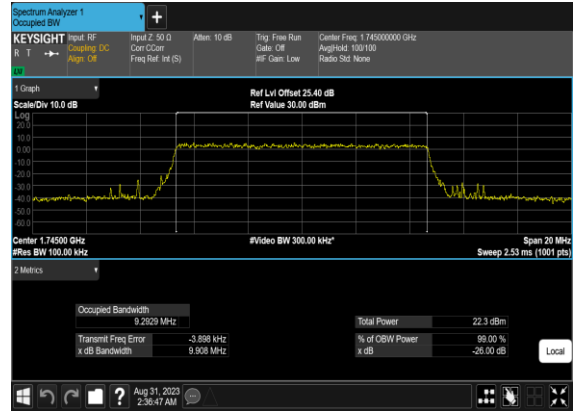
N66(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



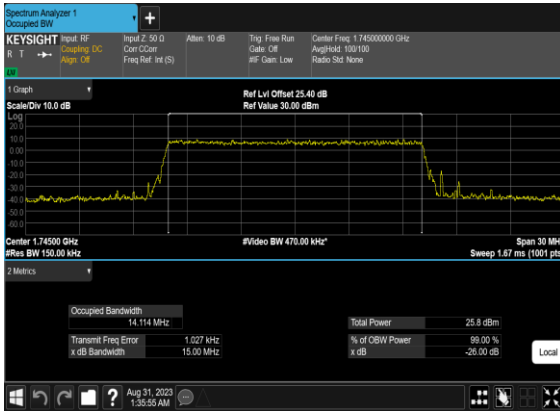
N66(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



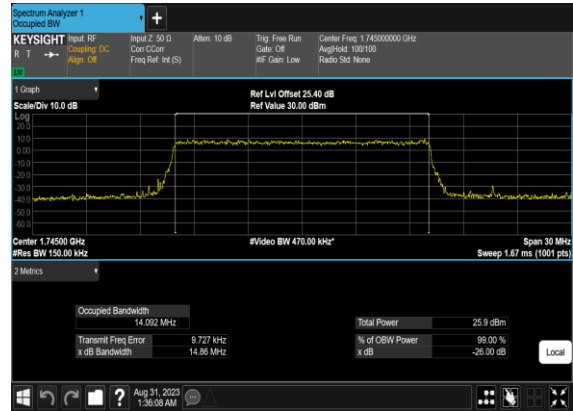
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QAM_Outer_Full_Mid_CH



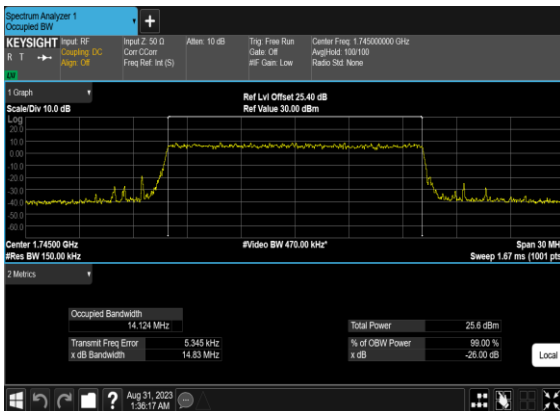
N66(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



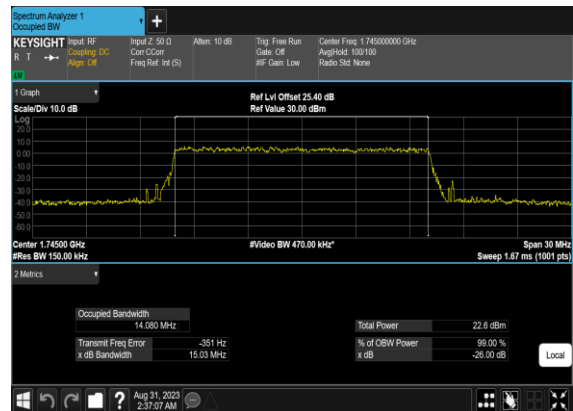
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QAM_Outer_Full_Mid_CH



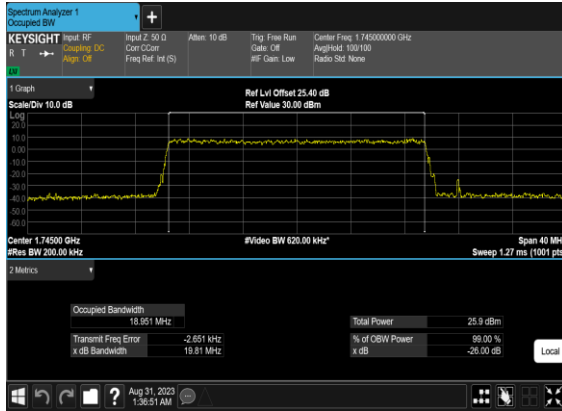
N66(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



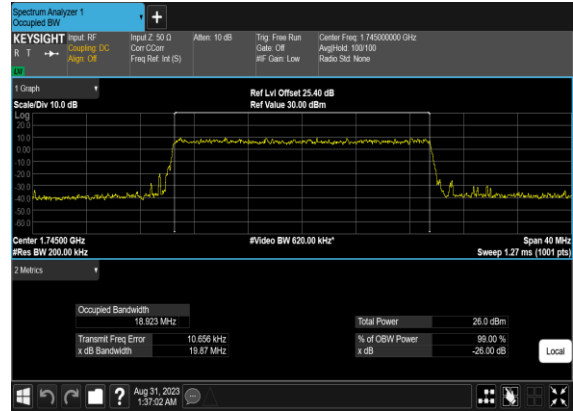
N66(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



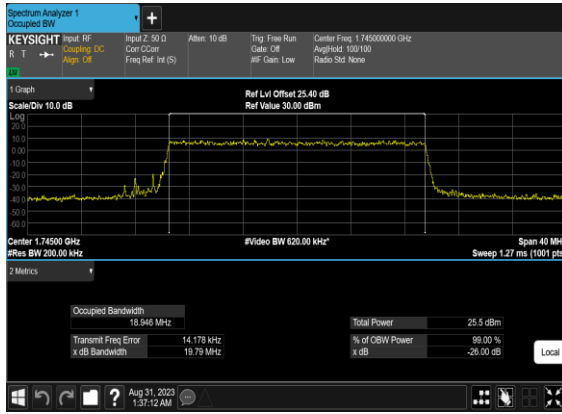
N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



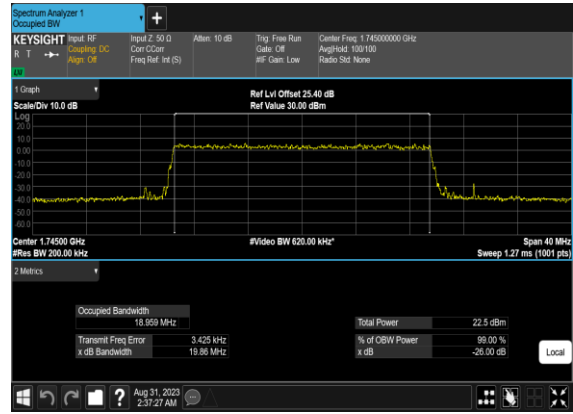
N66(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



N66(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N66(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

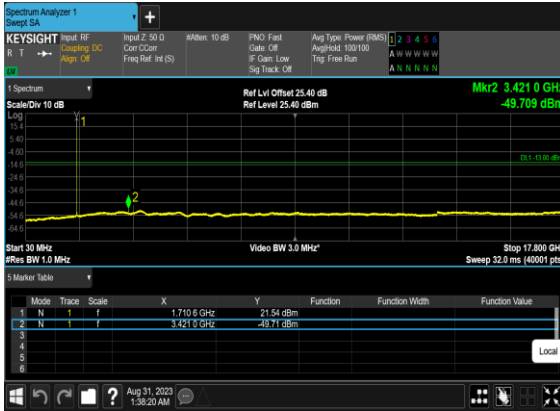


Conducted Spurious Emissions

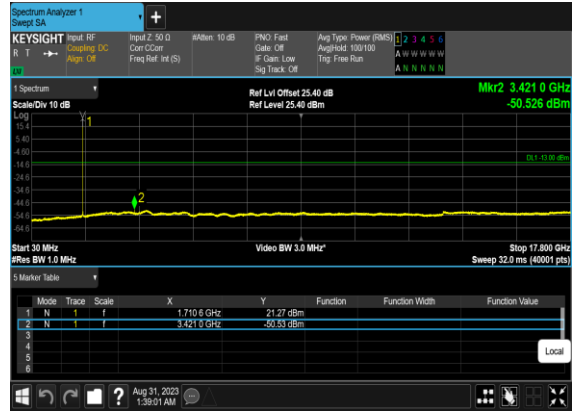
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@0	see graph	---

66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

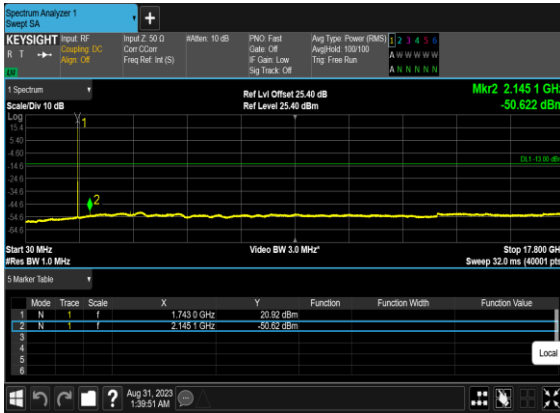
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



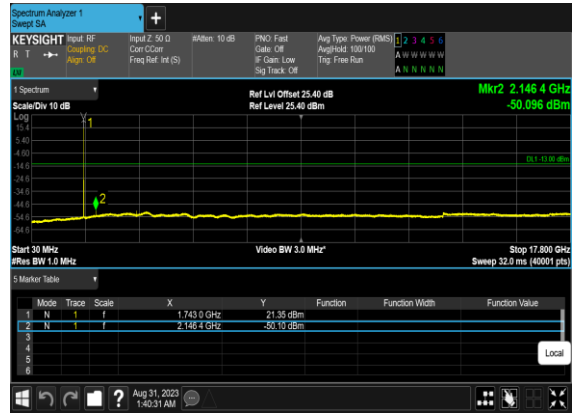
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



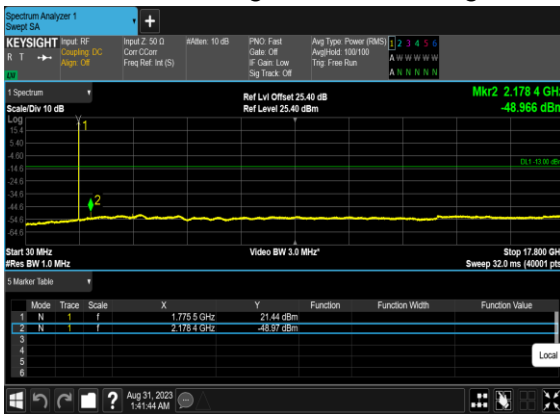
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



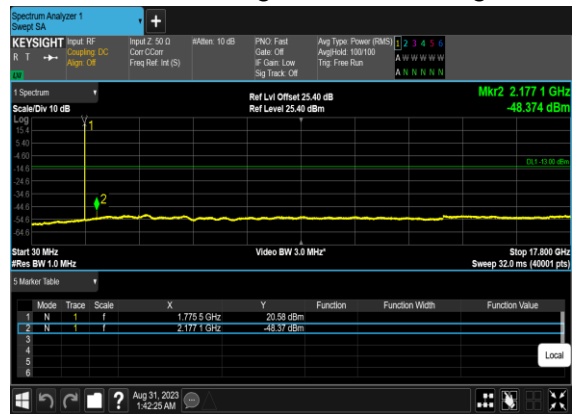
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



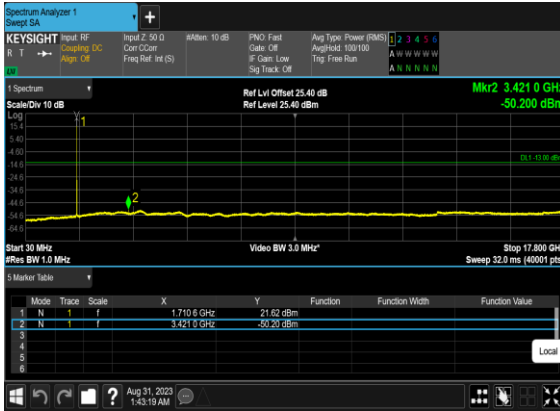
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



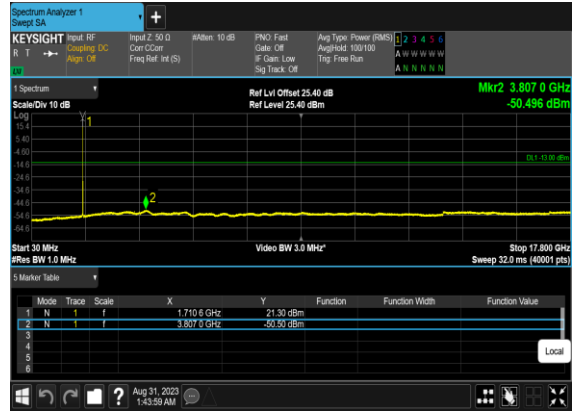
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



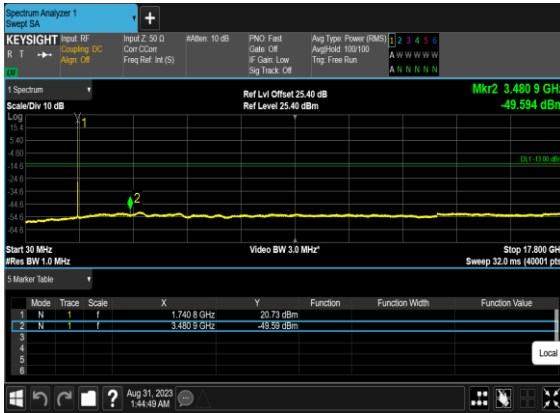
N66(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



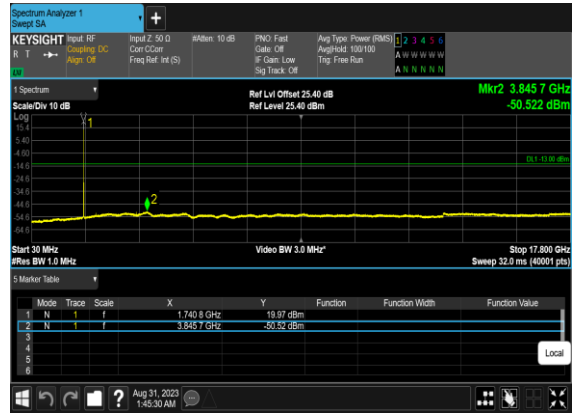
N66(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



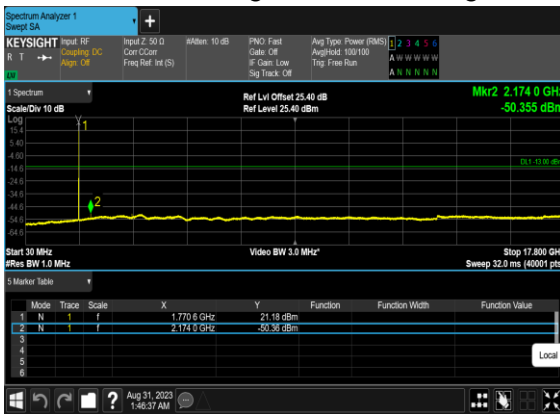
N66(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



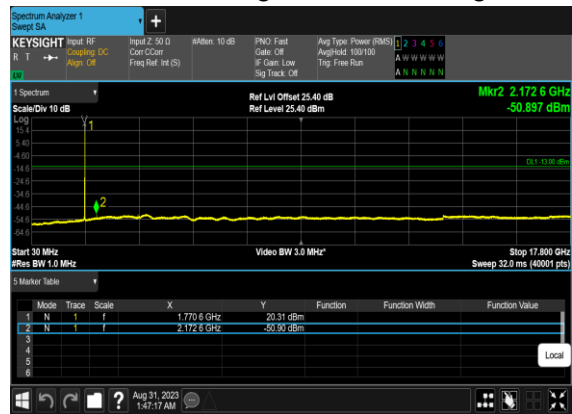
N66(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



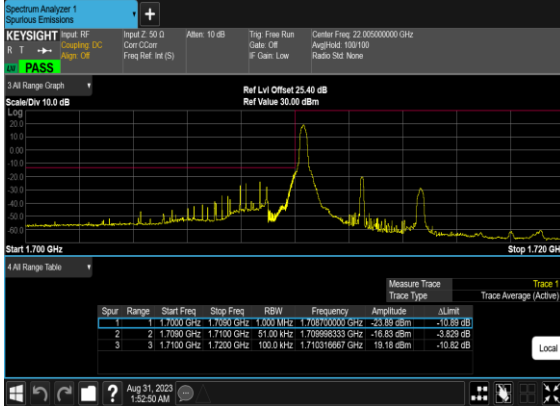
N66(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



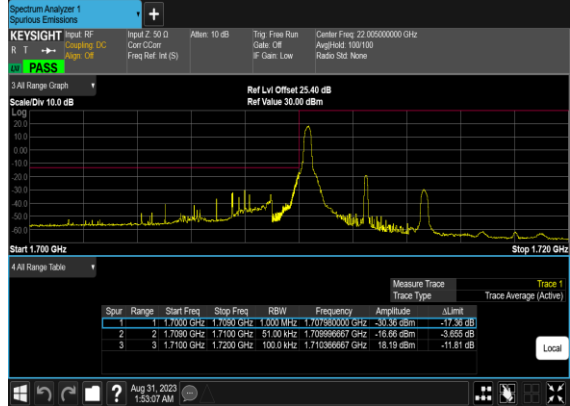
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

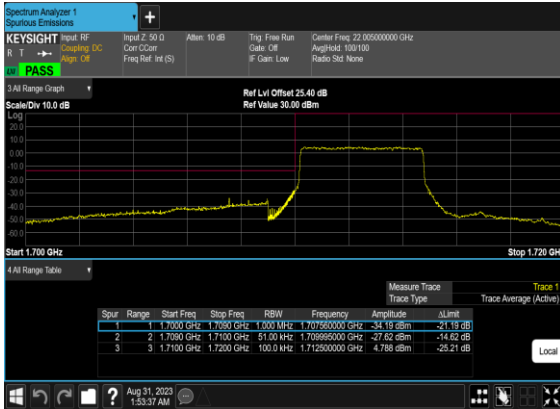
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



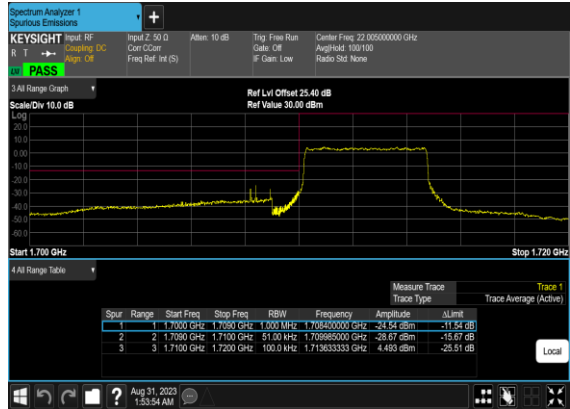
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



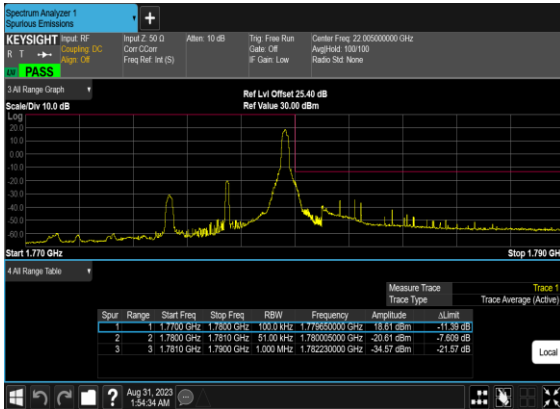
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



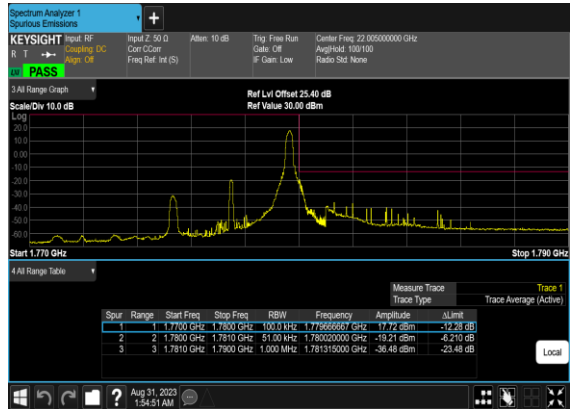
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



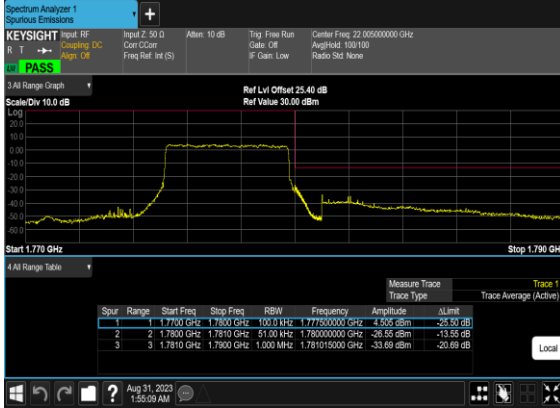
N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



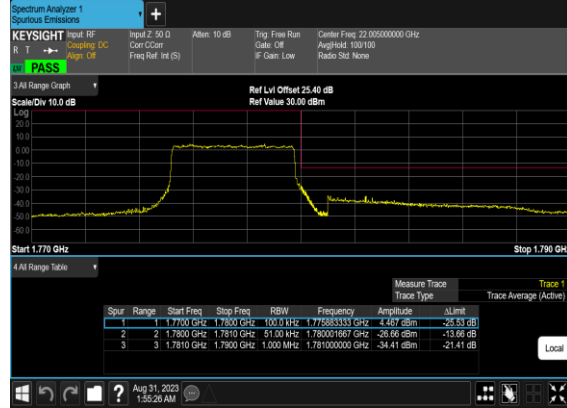
N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



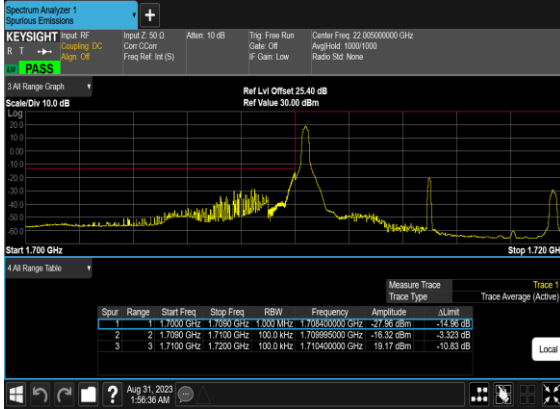
N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



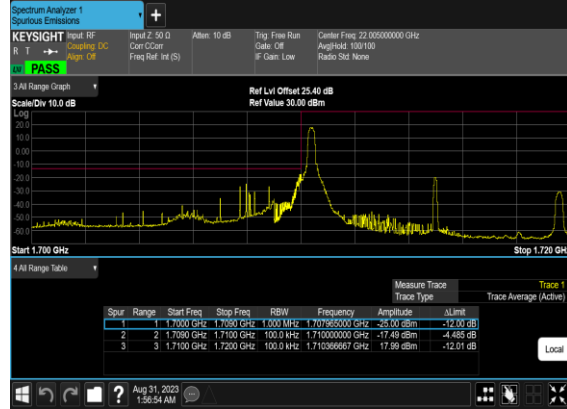
N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



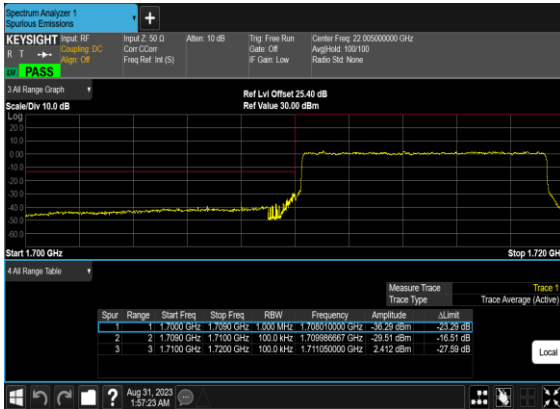
N66(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



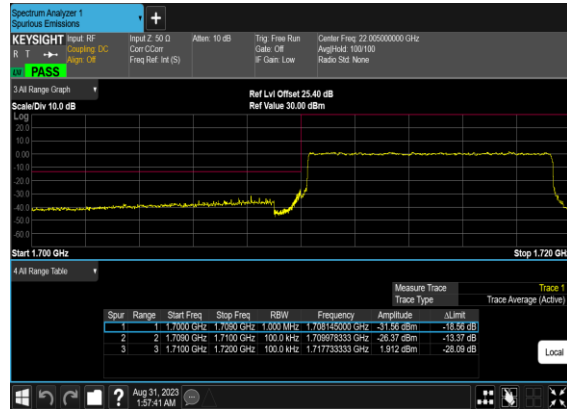
N66(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



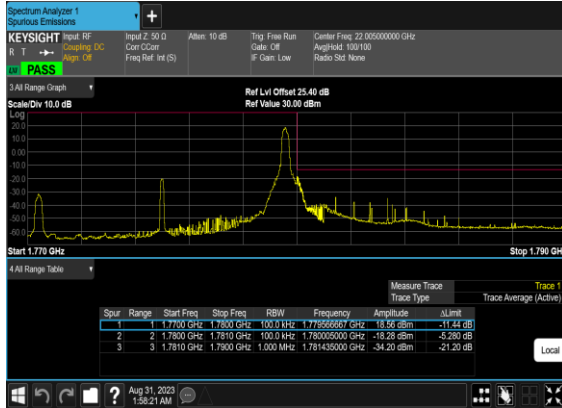
N66(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



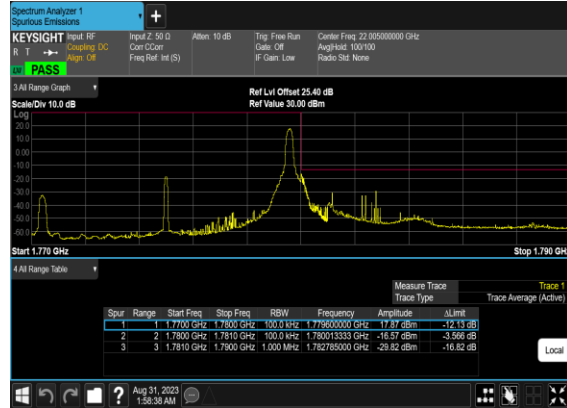
N66(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



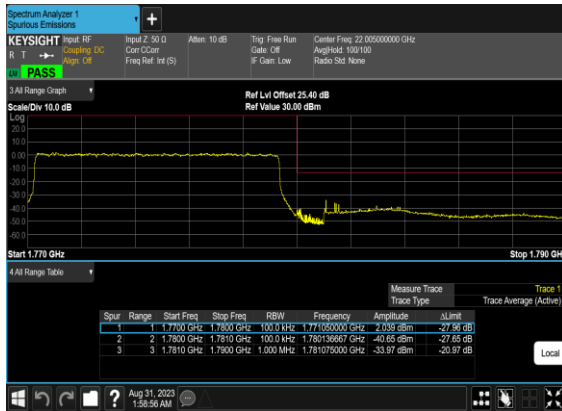
N66(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



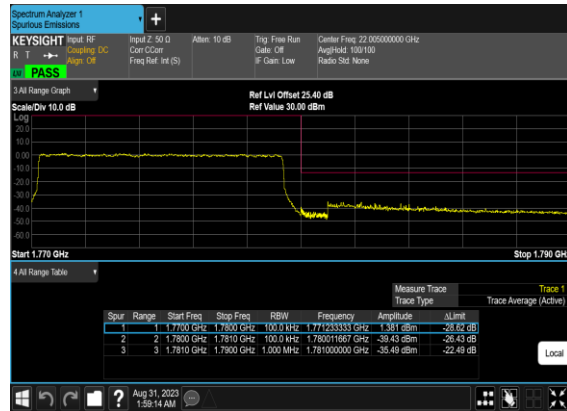
N66(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



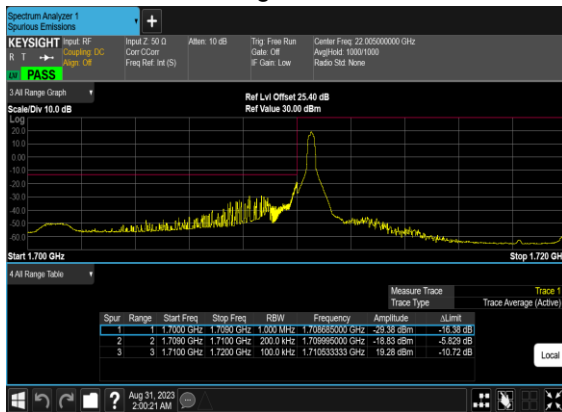
N66(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



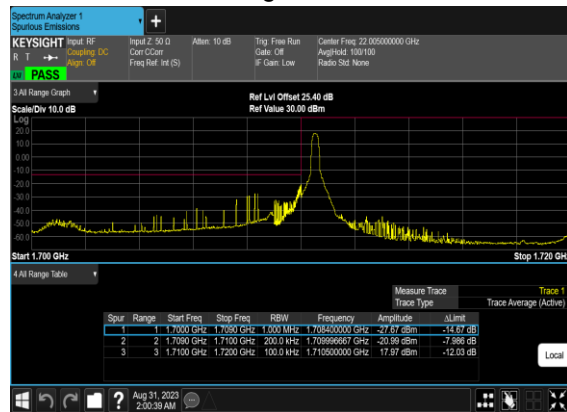
N66(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



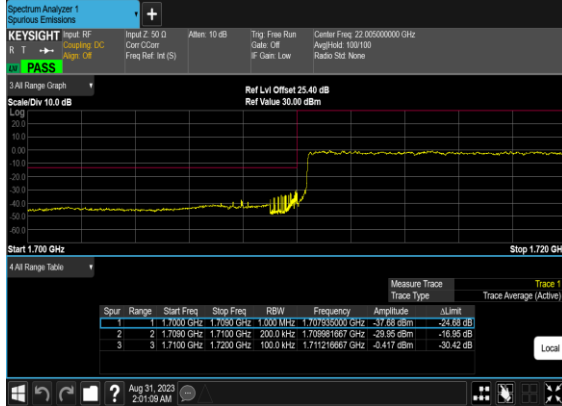
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



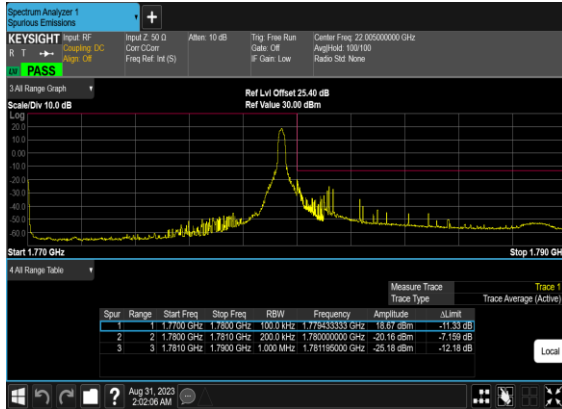
N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



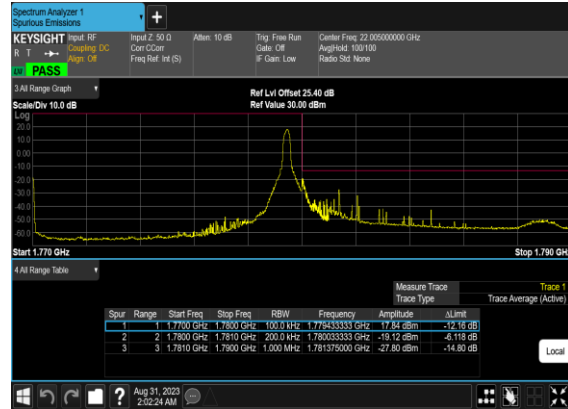
N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



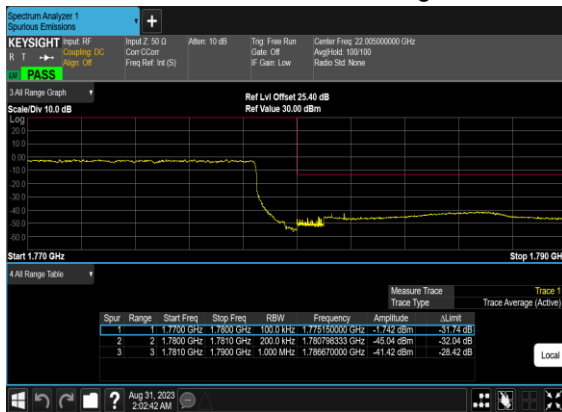
N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



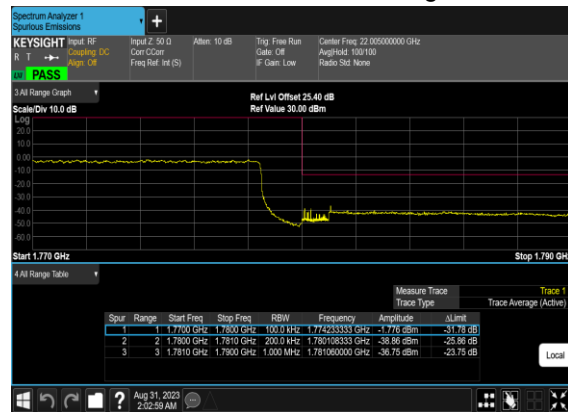
N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N66 (ANT5 for other PA)

LTE Band: 12, LTE BW: 10M, LTE ARFCN: Mid

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)
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	50@25	22.92	22.12	0.1629
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@1	22.97	22.17	0.1648
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@104	22.75	21.95	0.1567
66	15	20	344000	1720	DFT-s-OFDM QPSK	50@25	22.84	22.04	0.1600
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	22.84	22.04	0.1600
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@104	22.64	21.84	0.1528
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	50@25	21.87	21.07	0.1279
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	21.96	21.16	0.1306
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@104	21.71	20.91	0.1233
66	15	20	344000	1720	DFT-s-OFDM 64 QAM	50@25	20.43	19.63	0.0918
66	15	20	344000	1720	DFT-s-OFDM 64 QAM	1@1	20.33	19.53	0.0897
66	15	20	344000	1720	DFT-s-OFDM 64 QAM	1@104	20.09	19.29	0.0849
66	15	20	344000	1720	DFT-s-OFDM 256 QAM	50@25	18.46	17.66	0.0583
66	15	20	344000	1720	DFT-s-OFDM 256 QAM	1@1	18.13	17.33	0.0541
66	15	20	344000	1720	DFT-s-OFDM 256 QAM	1@104	17.87	17.07	0.0509
66	15	20	344000	1720	CP-OFDM QPSK	53@26	21.36	20.56	0.1138
66	15	20	344000	1720	CP-OFDM QPSK	1@1	21.43	20.63	0.1156
66	15	20	344000	1720	CP-OFDM QPSK	1@104	21.17	20.37	0.1089
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	50@25	22.86	22.06	0.1607
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.73	21.93	0.1560
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@104	22.63	21.83	0.1524
66	15	20	349000	1745	DFT-s-OFDM QPSK	50@25	22.82	22.02	0.1592
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	22.67	21.87	0.1538
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@104	22.56	21.76	0.1500
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	50@25	21.82	21.02	0.1265
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.78	20.98	0.1253
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@104	21.67	20.87	0.1222
66	15	20	349000	1745	DFT-s-OFDM 64 QAM	50@25	20.35	19.55	0.0902
66	15	20	349000	1745	DFT-s-OFDM 64 QAM	1@1	20.26	19.46	0.0883
66	15	20	349000	1745	DFT-s-OFDM 64 QAM	1@104	20.06	19.26	0.0843
66	15	20	349000	1745	DFT-s-OFDM 256 QAM	50@25	18.22	17.42	0.0552
66	15	20	349000	1745	DFT-s-OFDM 256 QAM	1@1	17.81	17.01	0.0502
66	15	20	349000	1745	DFT-s-OFDM 256 QAM	1@104	17.79	16.99	0.0500
66	15	20	349000	1745	CP-OFDM QPSK	53@26	21.3	20.5	0.1122
66	15	20	349000	1745	CP-OFDM QPSK	1@1	21.25	20.45	0.1109
66	15	20	349000	1745	CP-OFDM QPSK	1@104	21.12	20.32	0.1076
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	50@25	22.43	21.63	0.1455
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@1	22.59	21.79	0.1510

66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@104	22.28	21.48	0.1406
66	15	20	354000	1770	DFT-s-OFDM QPSK	50@25	22.47	21.67	0.1469
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	22.52	21.72	0.1486
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@104	22.2	21.4	0.1380
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	50@25	21.48	20.68	0.1169
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	21.65	20.85	0.1216
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@104	21.4	20.6	0.1148
66	15	20	354000	1770	DFT-s-OFDM 64 QAM	50@25	19.91	19.11	0.0815
66	15	20	354000	1770	DFT-s-OFDM 64 QAM	1@1	19.93	19.13	0.0818
66	15	20	354000	1770	DFT-s-OFDM 64 QAM	1@104	19.74	18.94	0.0783
66	15	20	354000	1770	DFT-s-OFDM 256 QAM	50@25	17.89	17.09	0.0512
66	15	20	354000	1770	DFT-s-OFDM 256 QAM	1@1	17.8	17	0.0501
66	15	20	354000	1770	DFT-s-OFDM 256 QAM	1@104	17.38	16.58	0.0455
66	15	20	354000	1770	CP-OFDM QPSK	53@26	21.01	20.21	0.1050
66	15	20	354000	1770	CP-OFDM QPSK	1@1	21.05	20.25	0.1059
66	15	20	354000	1770	CP-OFDM QPSK	1@104	20.79	19.99	0.0998
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	22.9	22.1	0.1622
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	22.88	22.08	0.1614
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	21.95	21.15	0.1303
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.77	21.97	0.1574
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	22.7	21.9	0.1549
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.82	21.02	0.1265
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	22.34	21.54	0.1426
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	22.34	21.54	0.1426
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	21.43	20.63	0.1156
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@1	22.81	22.01	0.1589
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	22.8	22	0.1585
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	21.99	21.19	0.1315
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.72	21.92	0.1556
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	22.67	21.87	0.1538
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.76	20.96	0.1247
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@1	22.37	21.57	0.1435
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	22.22	21.42	0.1387
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	21.39	20.59	0.1146
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	22.92	22.12	0.1629
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	22.86	22.06	0.1607
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.05	21.25	0.1334
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.78	21.98	0.1578
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	22.67	21.87	0.1538
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	21.79	20.99	0.1256
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	22.43	21.63	0.1455
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	22.43	21.63	0.1455
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	21.54	20.74	0.1186

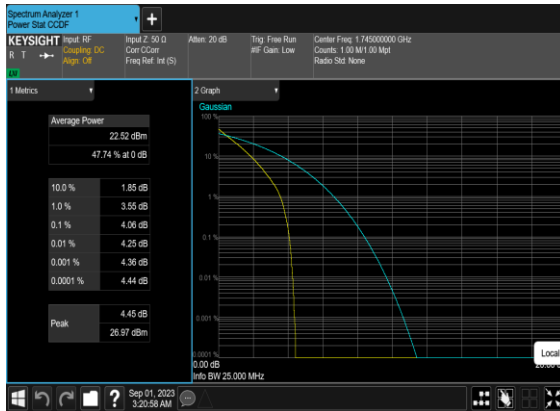
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0017	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0015	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0009	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0014	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0029	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0022	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0028	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0021	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0019	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0026	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0008	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0016	PASS	50°C

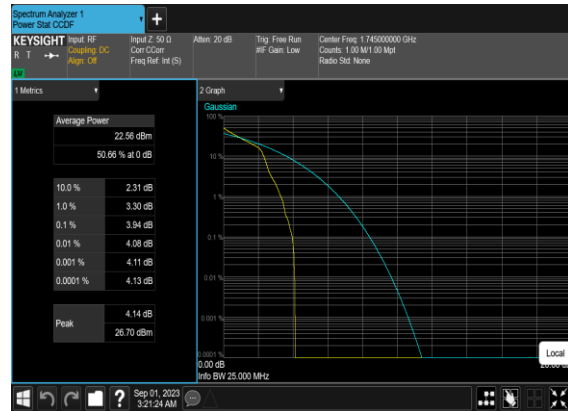
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.06	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	3.94	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.33	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	5.19	13	PASS

B12_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



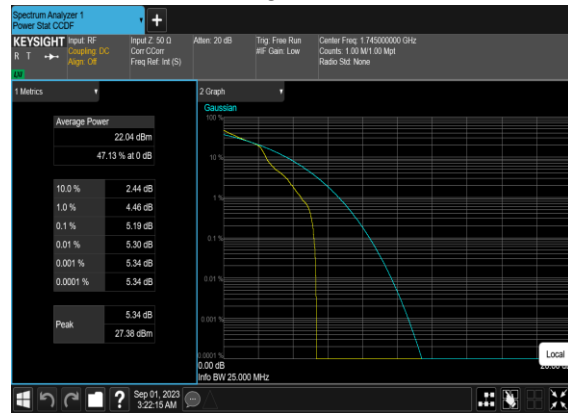
B12_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B12_N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B12_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4856	5.188
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4667	5.026
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4854	5.033
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.48	5.114
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2594	9.982
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2881	10.05
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.272	10.08
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.3058	10.01
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.095	14.96
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.077	14.8
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.089	14.88
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.087	14.95
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.905	19.89
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.948	19.84
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.907	19.75
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	19.028	20.04

B12_N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



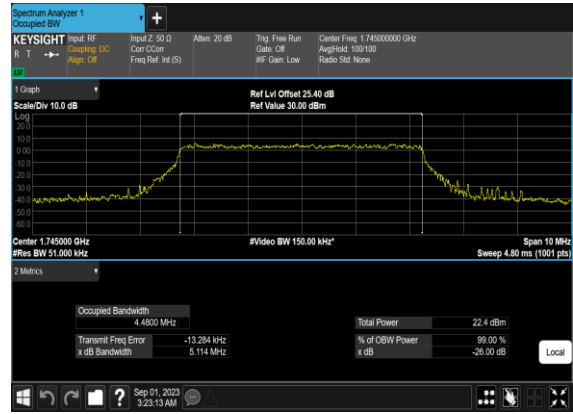
B12_N66(5M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



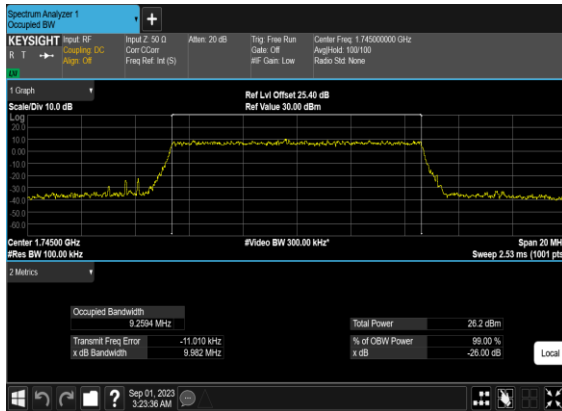
B12_N66(5M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



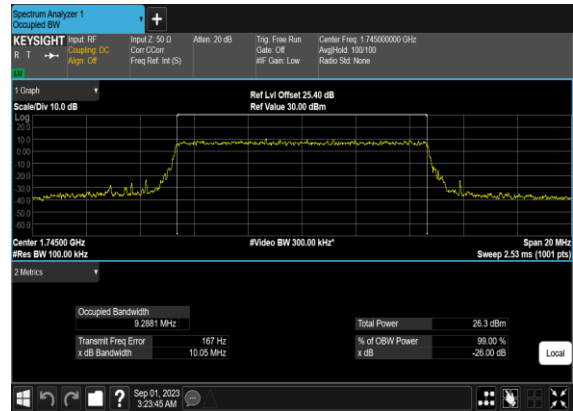
B12_N66(5M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



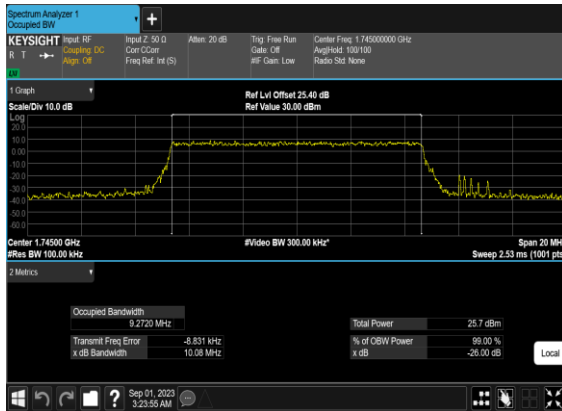
B12_N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



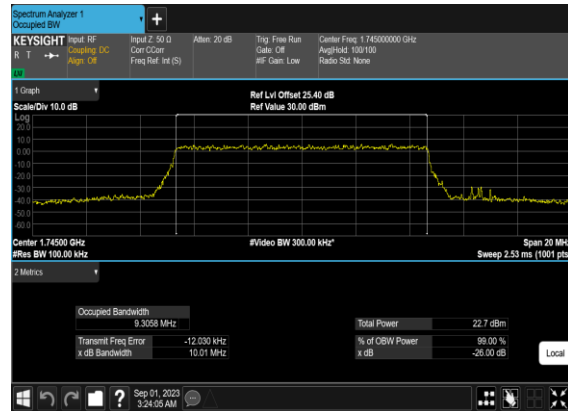
B12_N66(10M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



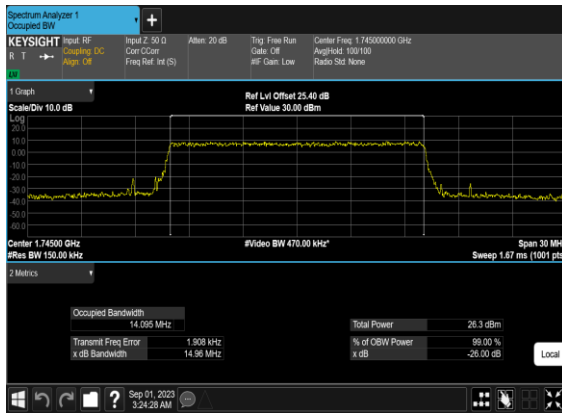
B12_N66(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



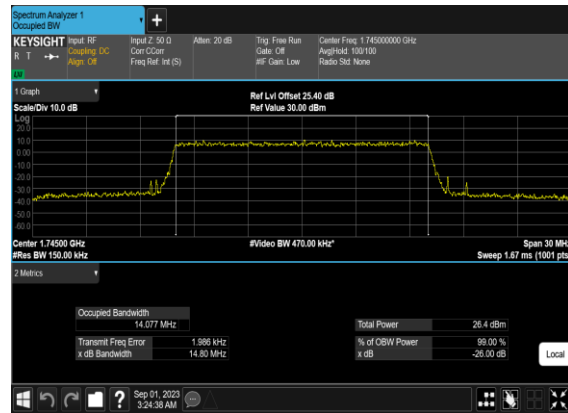
B12_N66(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



B12_N66(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



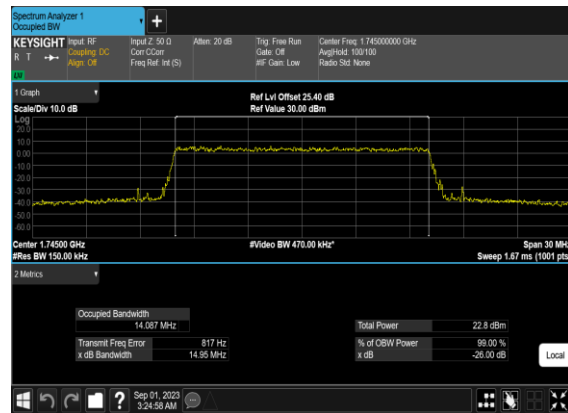
B12_N66(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



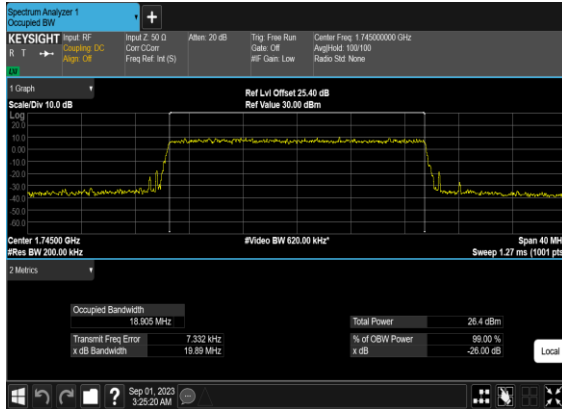
B12_N66(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



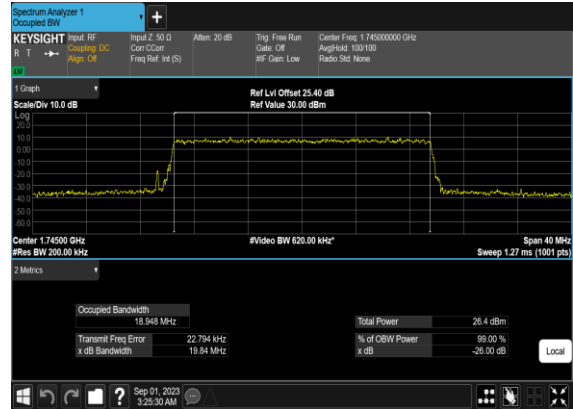
B12_N66(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



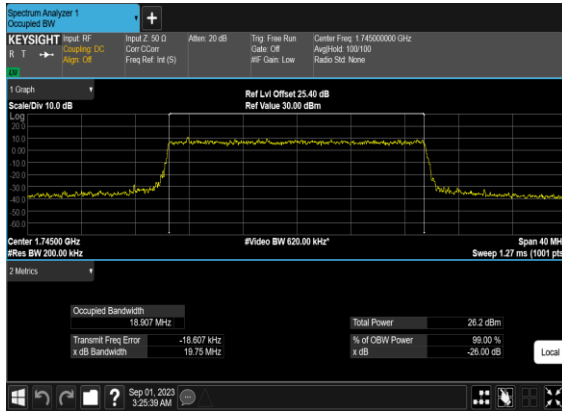
B12_N66(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



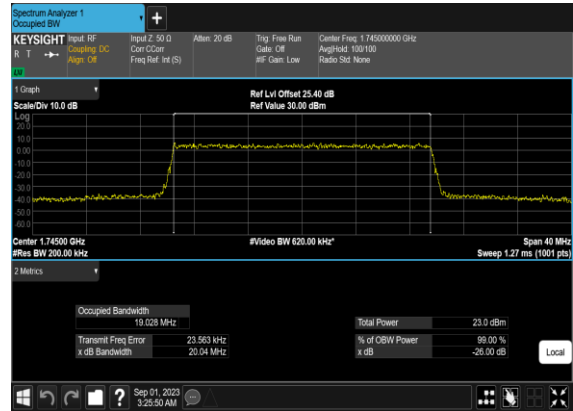
B12_N66(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



B12_N66(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



B12_N66(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

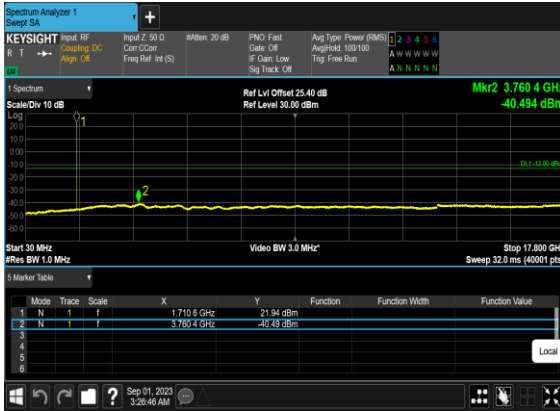


Conducted Spurious Emissions

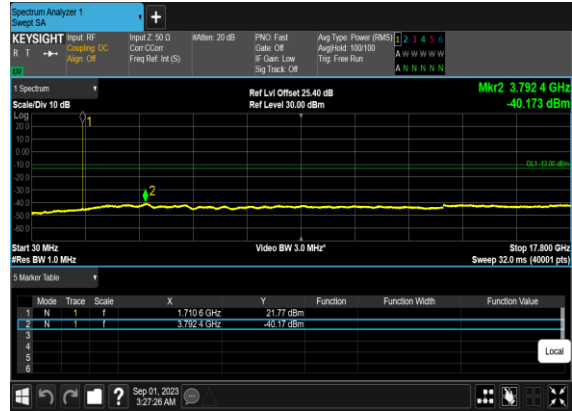
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@0	see graph	---

66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

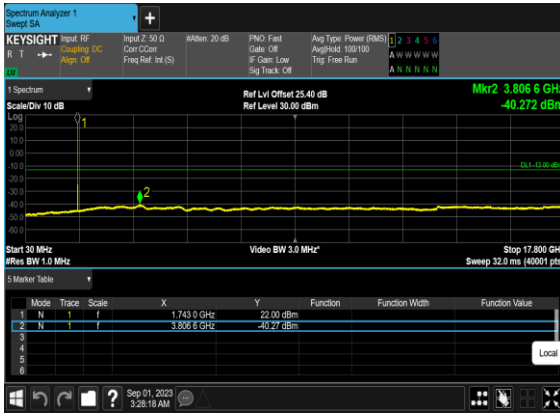
B12_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



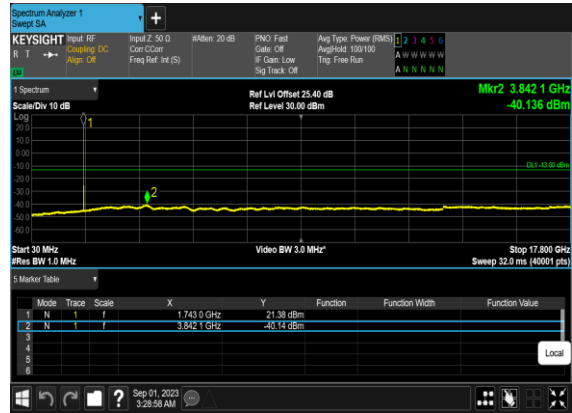
B12_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



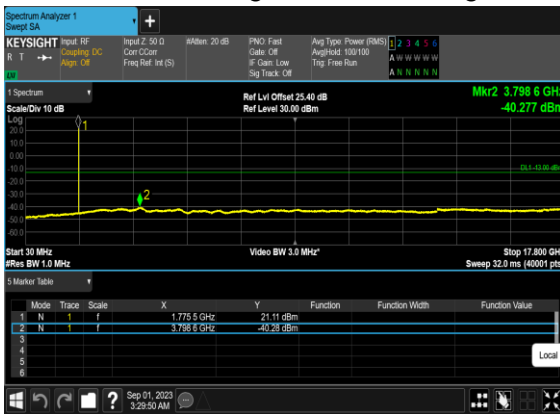
B12_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B12_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



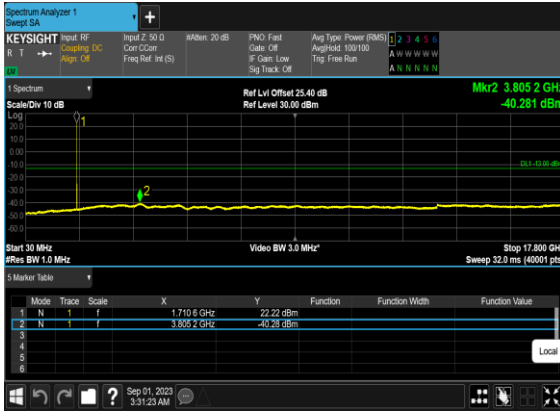
B12_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



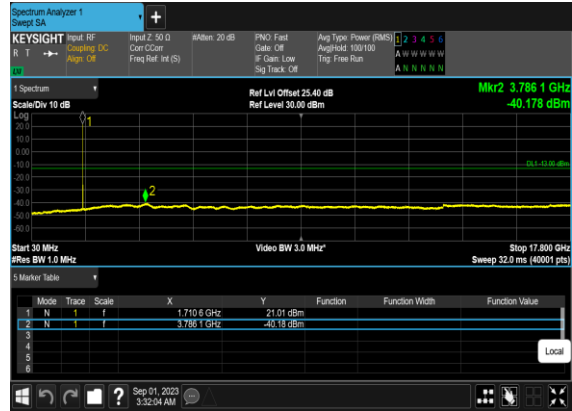
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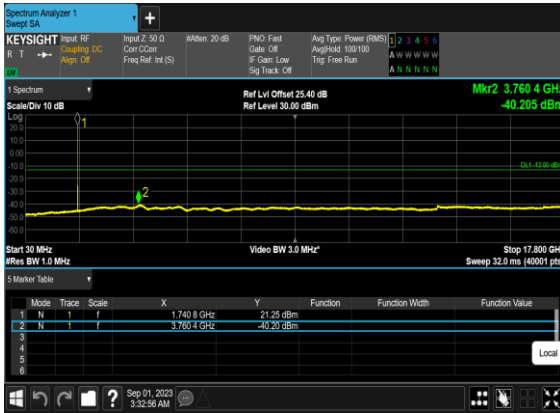
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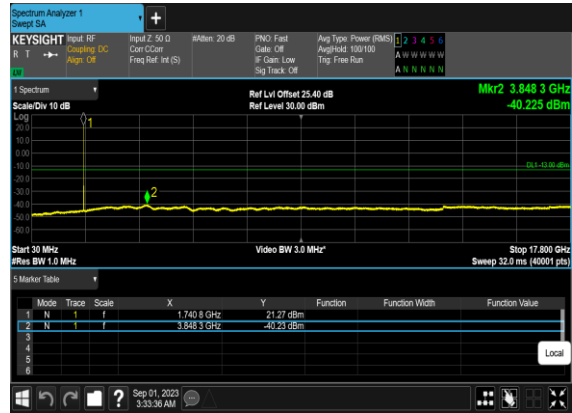
B12_N66(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B12_N66(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



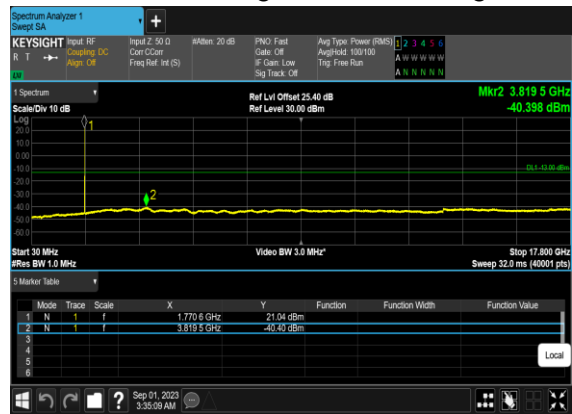
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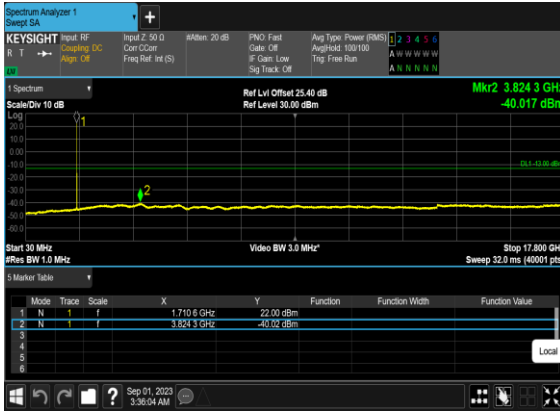
B12_N66(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



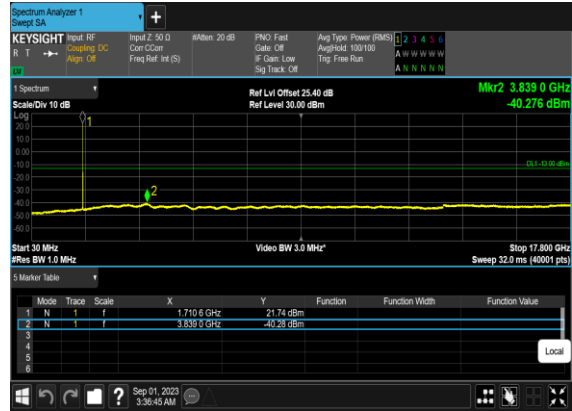
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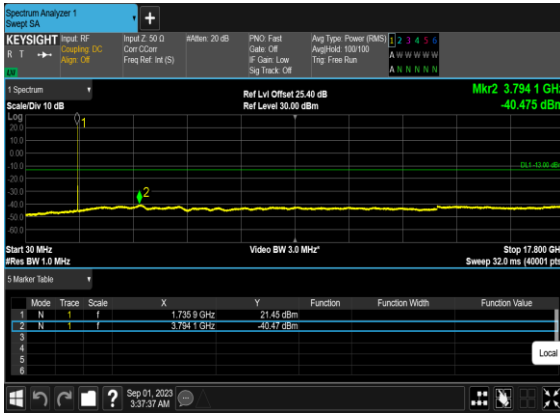
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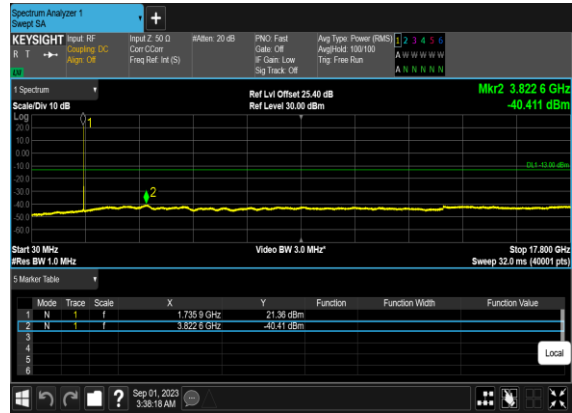
B12_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B12_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B12_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B12_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



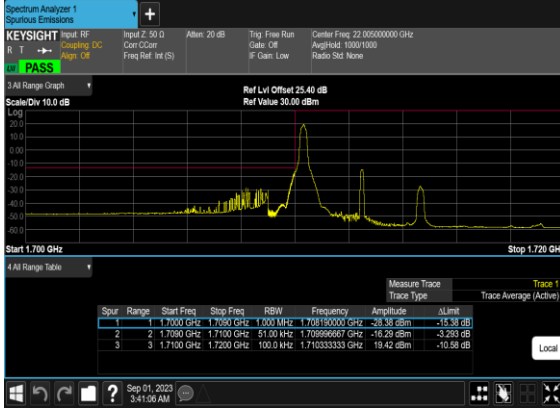
B12_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



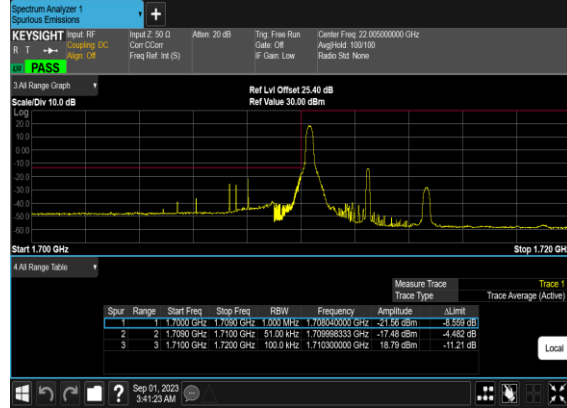
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

B12_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



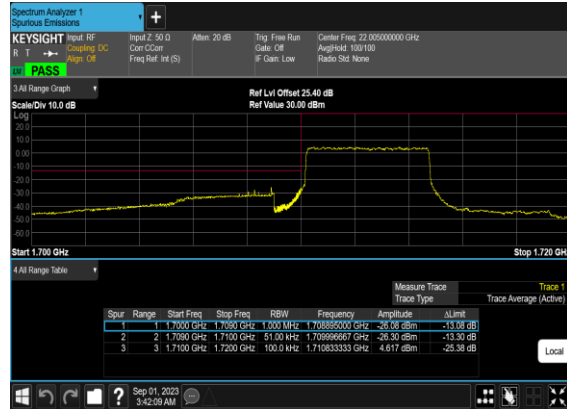
B12_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



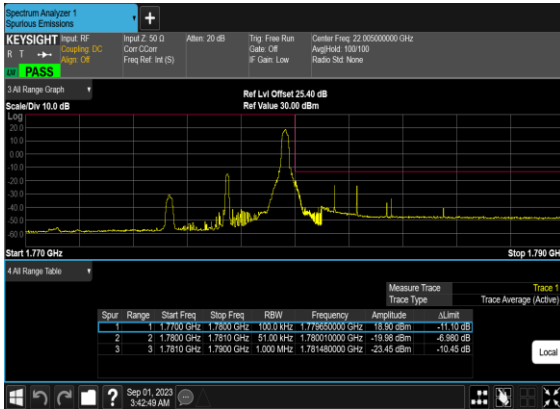
B12_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B12_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B12_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B12_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

