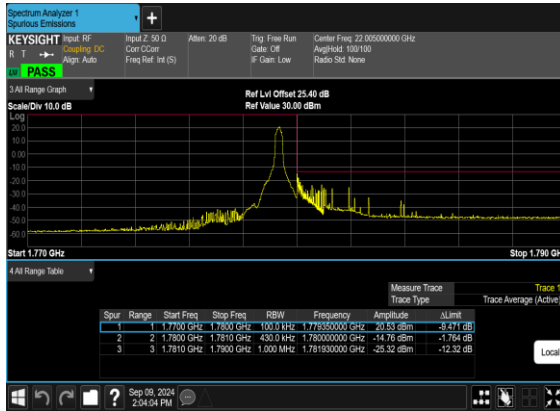
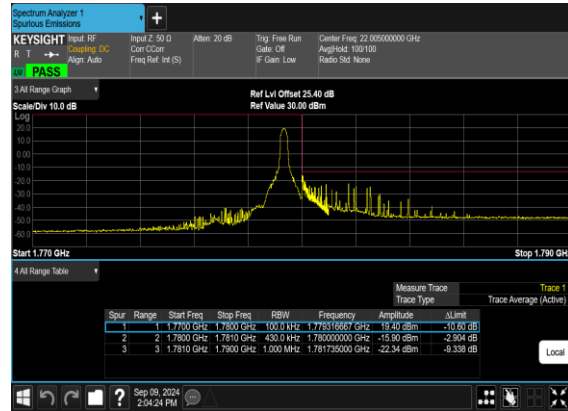




N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



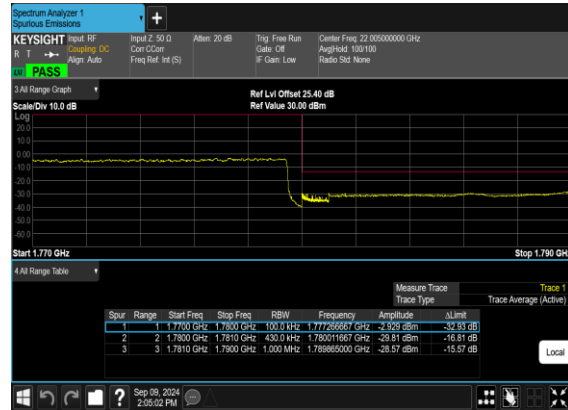
N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N66 ANT2-Other PA

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, ($G_T - L_c$)=3.4dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	24.82	28.22	0.6637
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	24.80	28.20	0.6607
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	24.29	27.69	0.5875
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	24.59	27.99	0.6295
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	24.61	28.01	0.6324
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.18	27.58	0.5728
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	24.54	27.94	0.6223
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	24.64	28.04	0.6368
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	24.25	27.65	0.5821
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@1	24.76	28.16	0.6546
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	24.91	28.31	0.6776
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	24.45	27.85	0.6095
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	24.54	27.94	0.6223
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	24.57	27.97	0.6266
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.18	27.58	0.5728
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@1	24.56	27.96	0.6252
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	24.43	27.83	0.6067
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	24.01	27.41	0.5508
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	24.79	28.19	0.6592
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	24.74	28.14	0.6516
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	24.47	27.87	0.6124
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	24.64	28.04	0.6368
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	24.67	28.07	0.6412
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.27	27.67	0.5848
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	24.33	27.73	0.5929
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	24.38	27.78	0.5998
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	23.93	27.33	0.5408
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@1	24.70	28.10	0.6457
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	24.74	28.14	0.6516
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	24.23	27.63	0.5794
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	24.65	28.05	0.6383



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	24.69	28.09	0.6442
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.21	27.61	0.5768
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@1	24.29	27.69	0.5875
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	24.37	27.77	0.5984
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	23.79	27.19	0.5236
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@1	24.64	28.04	0.6368
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	24.67	28.07	0.6412
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	24.25	27.65	0.5821
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	24.58	27.98	0.6281
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	24.60	28.00	0.6310
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.14	27.54	0.5675
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@1	24.45	27.85	0.6095
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	24.46	27.86	0.6109
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	24.01	27.41	0.5508
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	19.81	23.21	0.2094
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	24.50	27.90	0.6166
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	24.29	27.69	0.5875
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.16	26.56	0.4529
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	24.49	27.89	0.6152
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	24.31	27.71	0.5902
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	108@54	22.82	26.22	0.4188
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	24.28	27.68	0.5861
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@214	24.05	27.45	0.5559
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	108@54	21.48	24.88	0.3076
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	22.83	26.23	0.4198
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@214	22.49	25.89	0.3882
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	108@54	18.75	22.15	0.1641
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	20.88	24.28	0.2679
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@214	20.62	24.02	0.2523
66	15	40	346000	1730	CP-OFDM QPSK	108@54	20.28	23.68	0.2333
66	15	40	346000	1730	CP-OFDM QPSK	1@1	23.75	27.15	0.5188
66	15	40	346000	1730	CP-OFDM QPSK	1@214	23.51	26.91	0.4909
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	24.63	28.03	0.6353
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	24.53	27.93	0.6209
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	24.28	27.68	0.5861
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	24.66	28.06	0.6397
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	24.60	28.00	0.6310
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	24.32	27.72	0.5916



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	108@54	24.23	27.63	0.5794
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	24.12	27.52	0.5649
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@214	23.86	27.26	0.5321
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	108@54	22.82	26.22	0.4188
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	23.11	26.51	0.4477
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@214	22.61	26.01	0.3990
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	108@54	20.79	24.19	0.2624
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.55	23.95	0.2483
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@214	20.56	23.96	0.2489
66	15	40	349000	1745	CP-OFDM QPSK	108@54	23.84	27.24	0.5297
66	15	40	349000	1745	CP-OFDM QPSK	1@1	23.67	27.07	0.5093
66	15	40	349000	1745	CP-OFDM QPSK	1@214	23.44	26.84	0.4831
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	24.42	27.82	0.6053
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	24.52	27.92	0.6194
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	24.54	27.94	0.6223
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	24.49	27.89	0.6152
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	24.62	28.02	0.6339
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	24.59	27.99	0.6295
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	108@54	24.16	27.56	0.5702
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	24.15	27.55	0.5689
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@214	24.11	27.51	0.5636
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	108@54	22.59	25.99	0.3972
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	23.17	26.57	0.4539
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@214	22.89	26.29	0.4256
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	108@54	20.63	24.03	0.2529
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	20.63	24.03	0.2529
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@214	20.50	23.90	0.2455
66	15	40	352000	1760	CP-OFDM QPSK	108@54	23.63	27.03	0.5047
66	15	40	352000	1760	CP-OFDM QPSK	1@1	23.75	27.15	0.5188
66	15	40	352000	1760	CP-OFDM QPSK	1@214	23.68	27.08	0.5105



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	-0.0034	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0029	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0052	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0041	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0068	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0033	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0042	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0061	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0038	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0082	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0024	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0030	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	4.47	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	3.84	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	4.63	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	1@0	4.07	13	PASS



B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



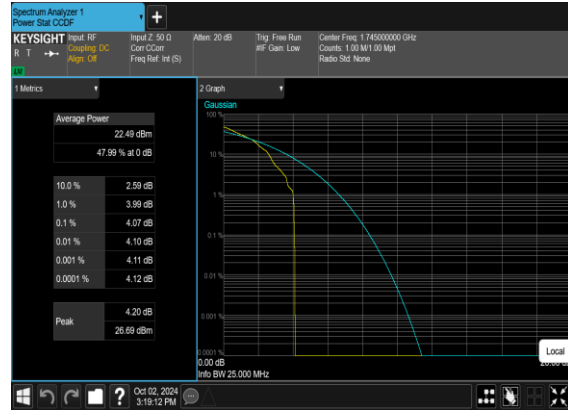
B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Mid_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



**Occupied Bandwidth**

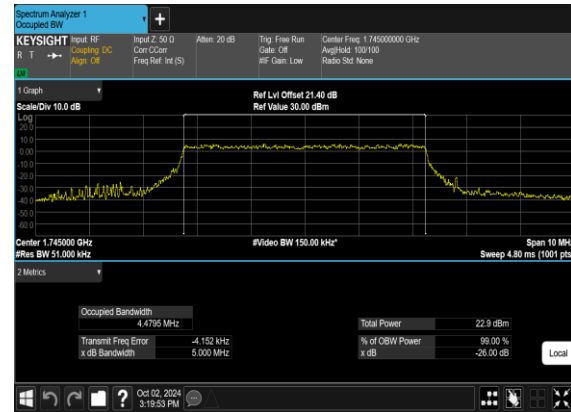
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.4891	5.126
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.4795	5.0
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.4861	5.109
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.4766	5.079
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.2877	10.06
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.2726	10.02
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.2816	10.04
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.3002	10.04
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.113	14.77
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.104	15.04
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.142	14.96
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.126	15.1
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.969	19.78
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.98	19.92
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.965	20.56
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	19.021	19.94
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.559	29.61
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.63	31.18
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.466	29.6
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.594	29.69
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.584	39.98
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.567	39.89
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.542	39.85
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.595	40.21



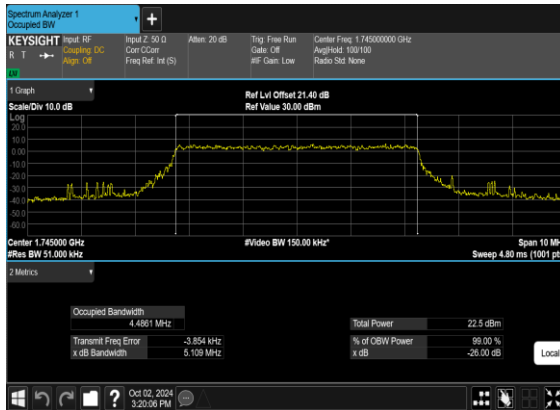
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OFDM_QPSK_Outer_Full_Mid_CH



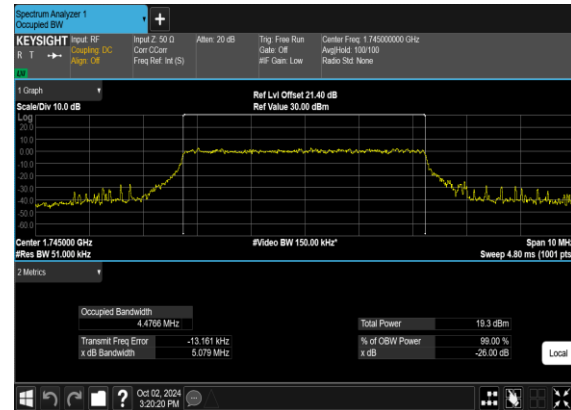
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QAM_Outer_Full_Mid_CH



B5_N66(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

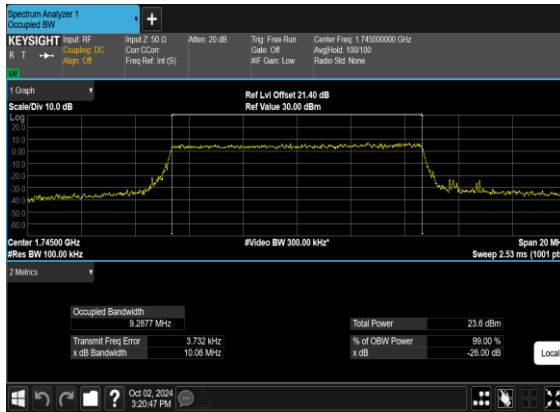


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QAM_Outer_Full_Mid_CH

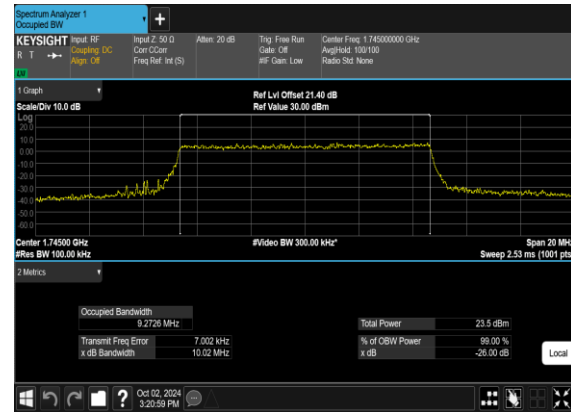




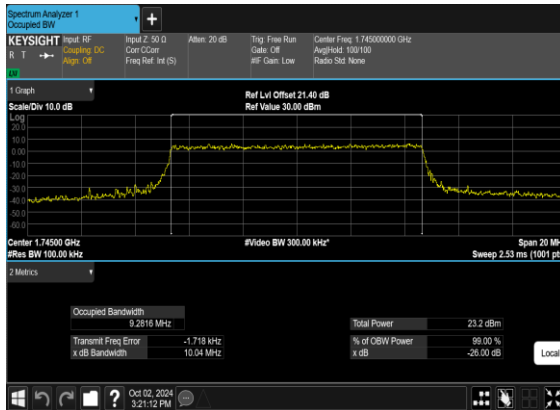
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OFDM_QPSK_Outer_Full_Mid_CH



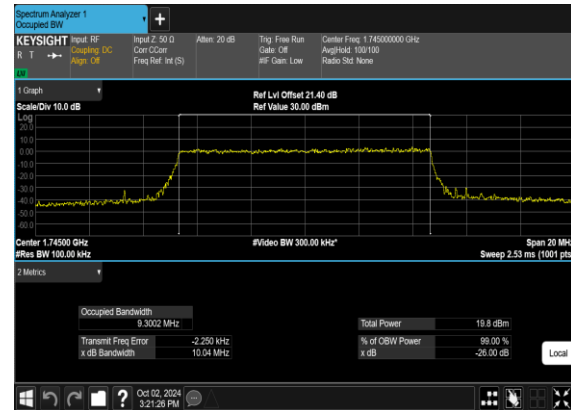
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QAM_Outer_Full_Mid_CH



B5_N66(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

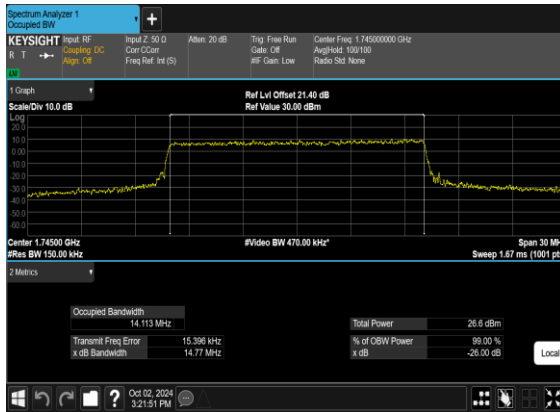


B5_N66(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

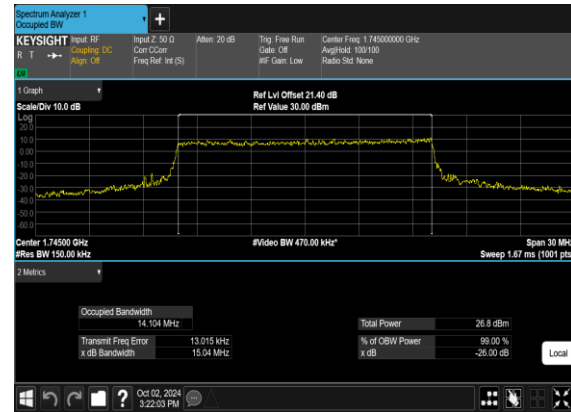




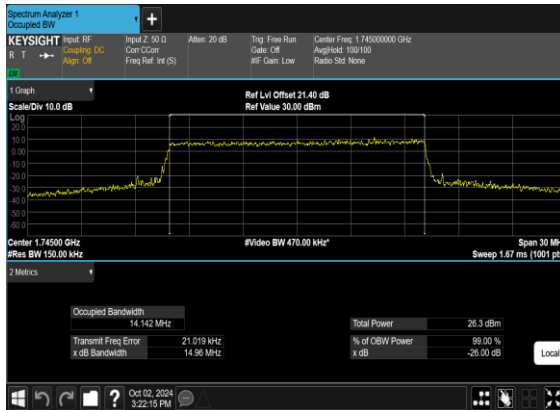
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OFDM_QPSK_Outer_Full_Mid_CH



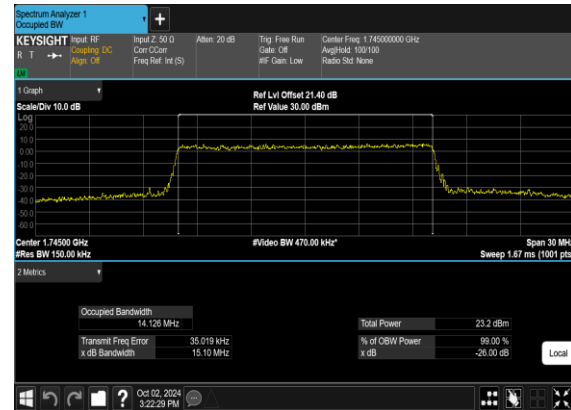
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QAM_Outer_Full_Mid_CH



B5_N66(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N66(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

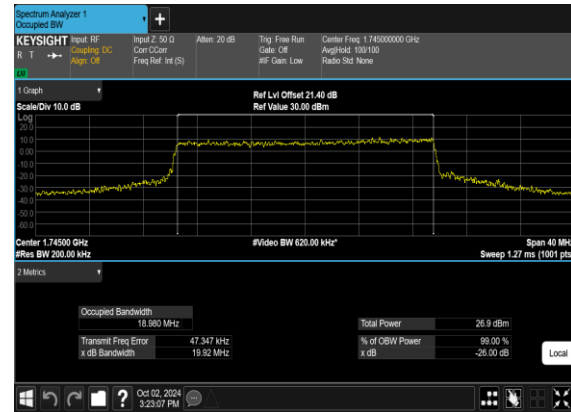




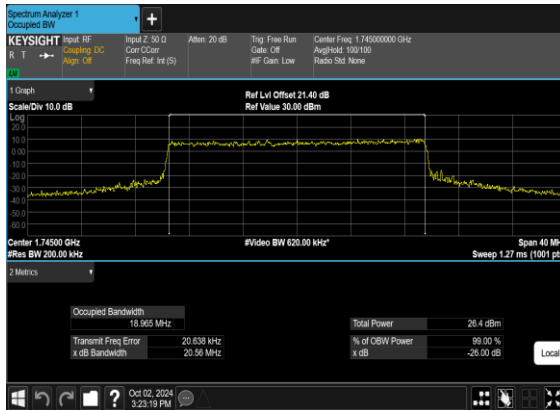
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OFDM_QPSK_Outer_Full_Mid_CH



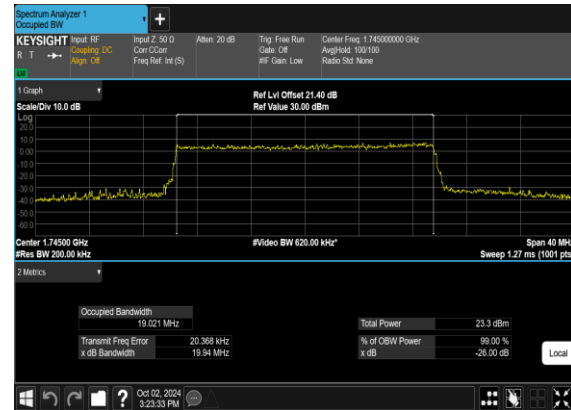
B5_N66(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B5_N66(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N66(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

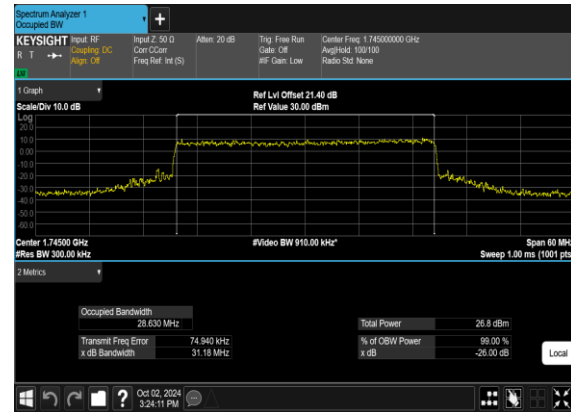




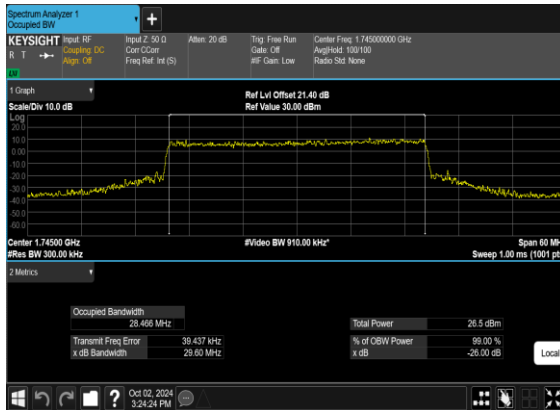
B5_N66(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



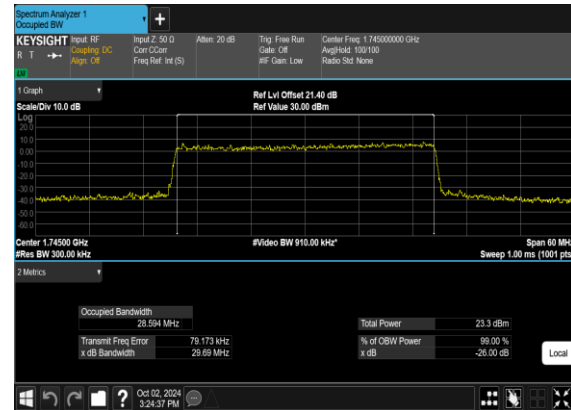
B5_N66(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B5_N66(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N66(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

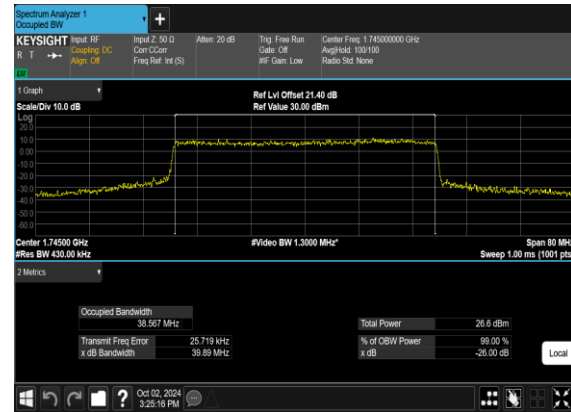




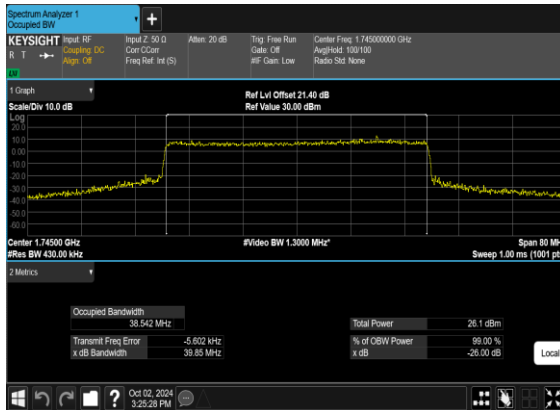
B5_N66(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



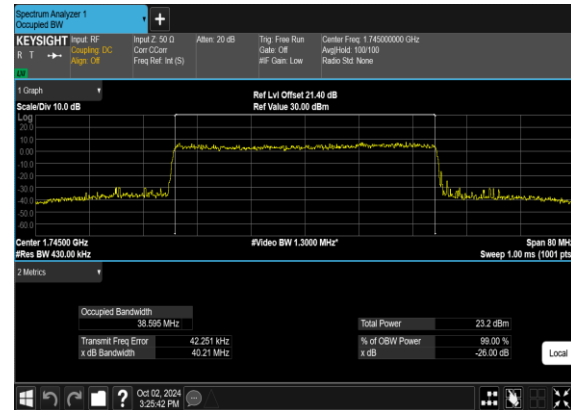
B5_N66(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B5_N66(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N66(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





Conducted Spurious Emissions

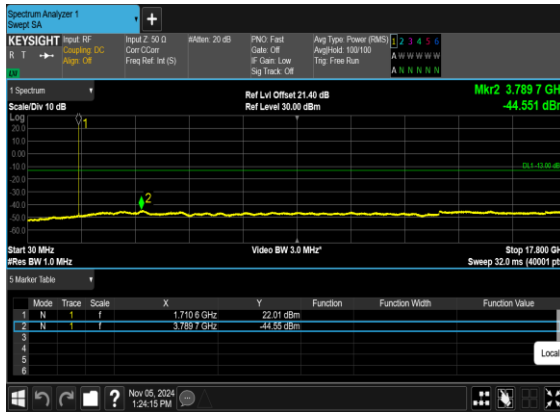
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	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	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



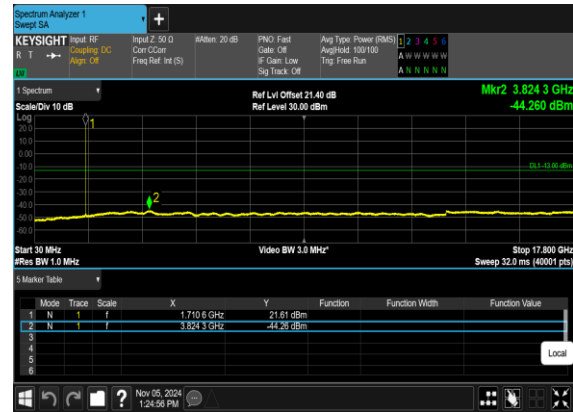
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	---
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	---
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@0	see graph	PASS



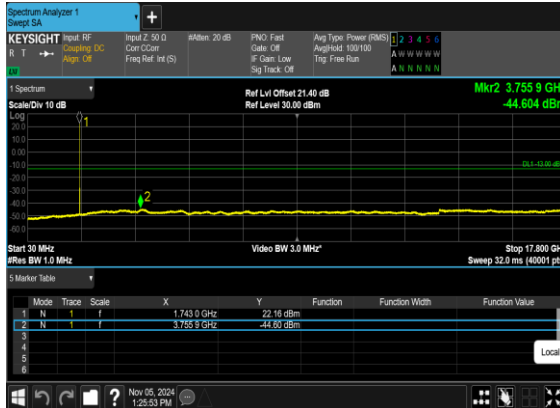
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



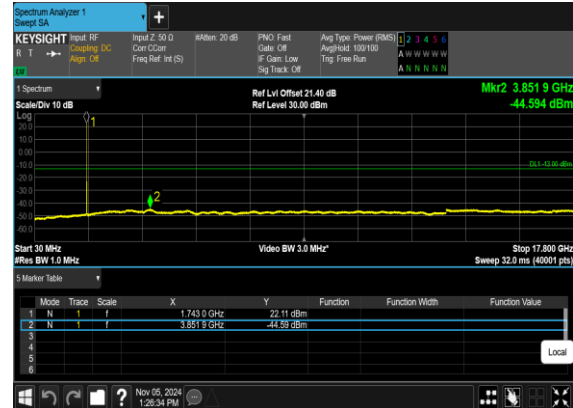
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

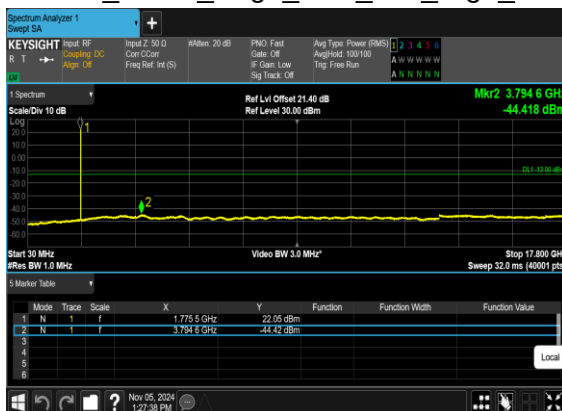


B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

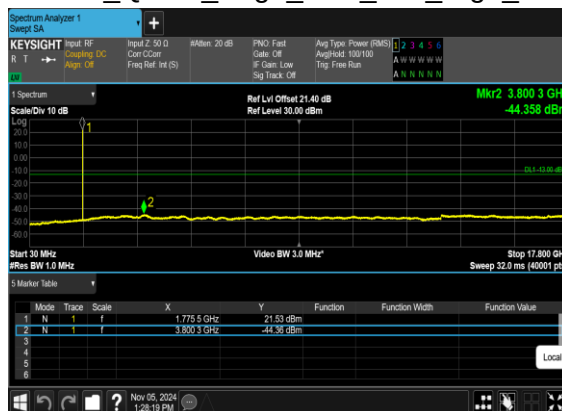




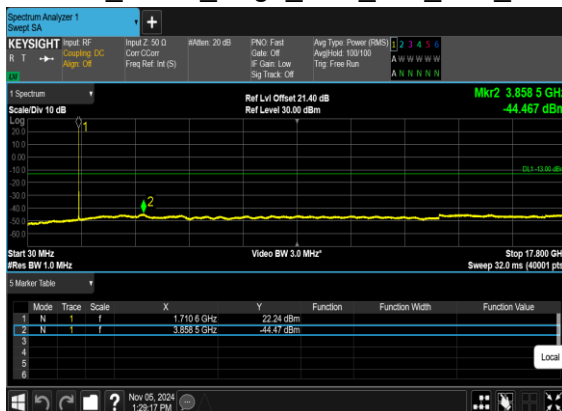
B5_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



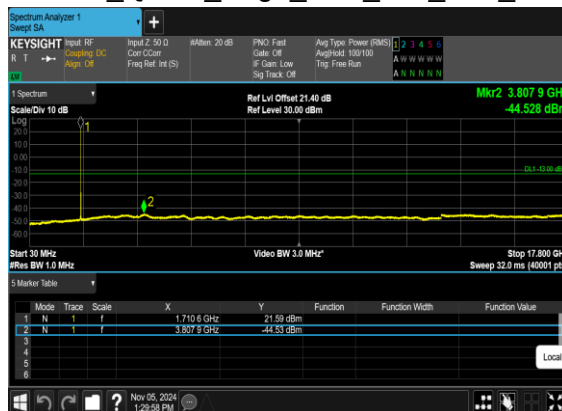
B5_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

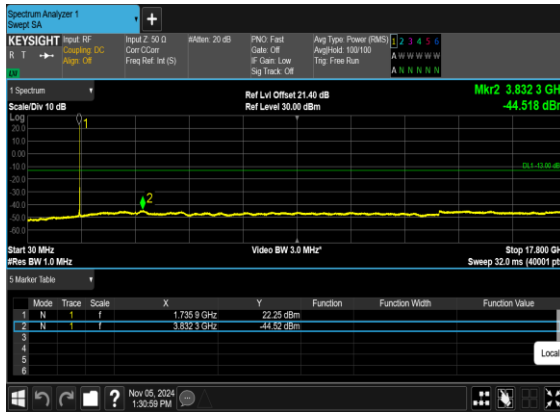


B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

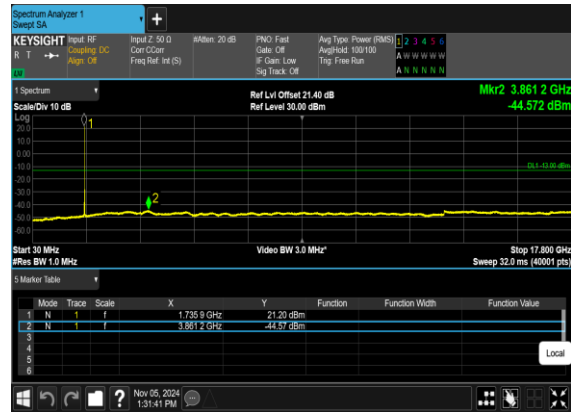




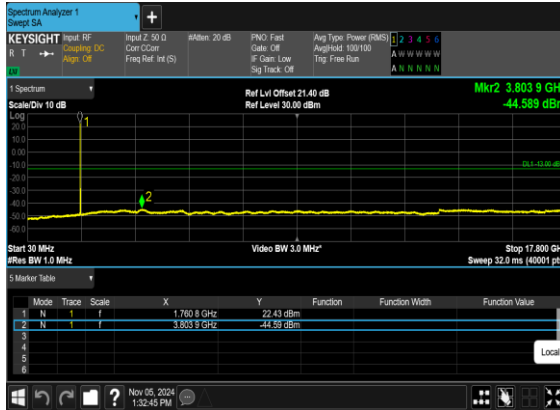
B5_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



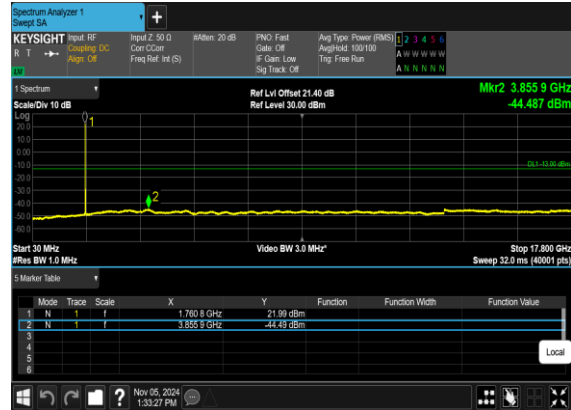
B5_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N66(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

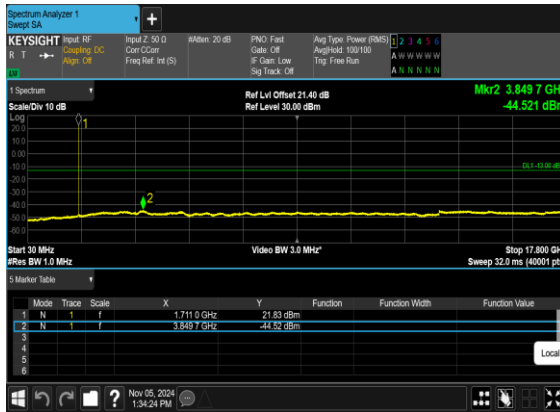


B5_N66(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

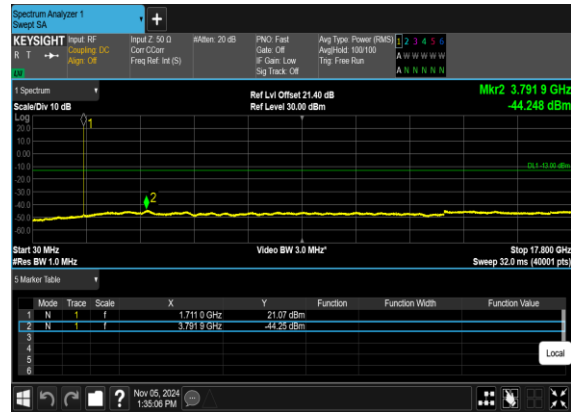




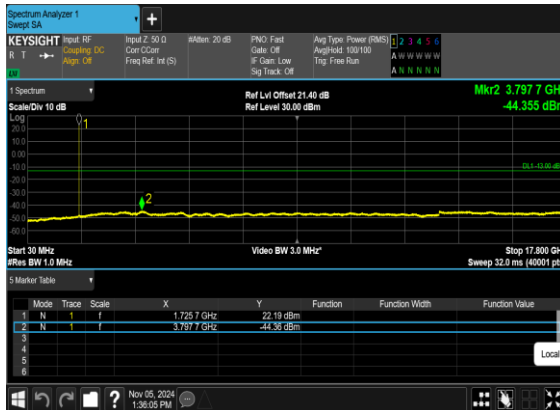
B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



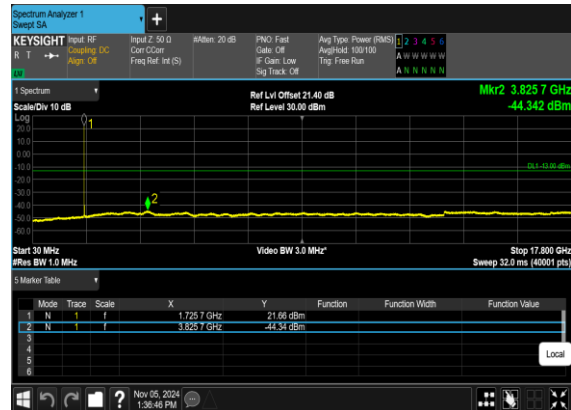
B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

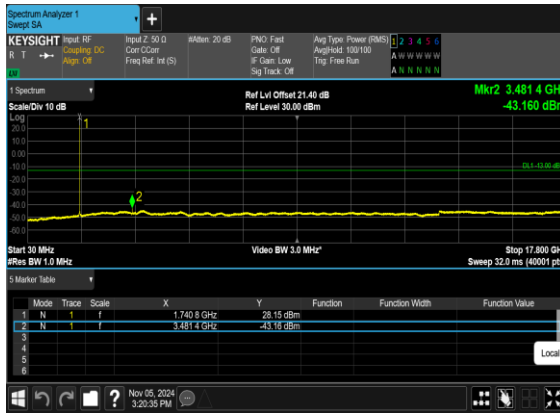


B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

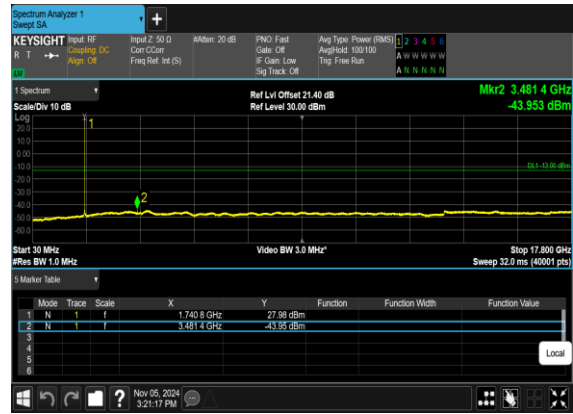




B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

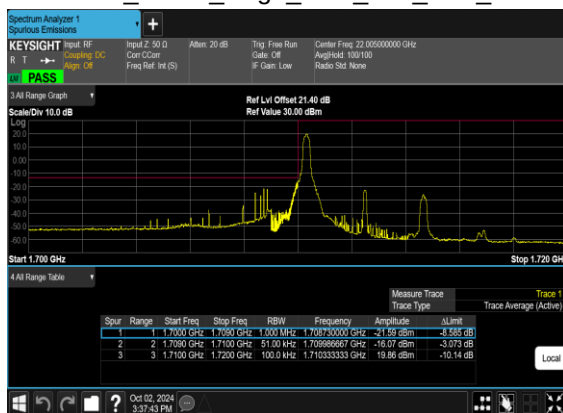
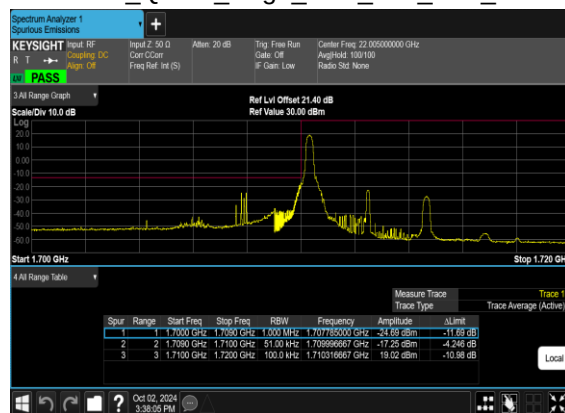
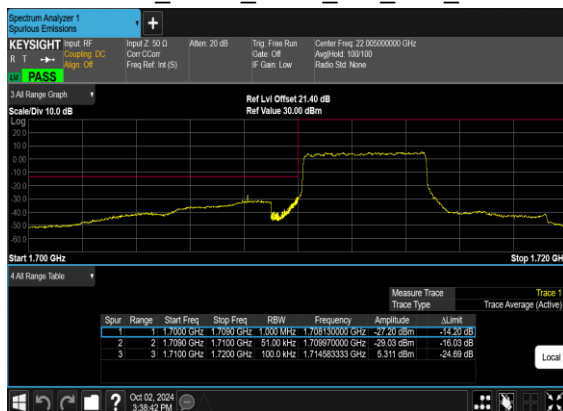
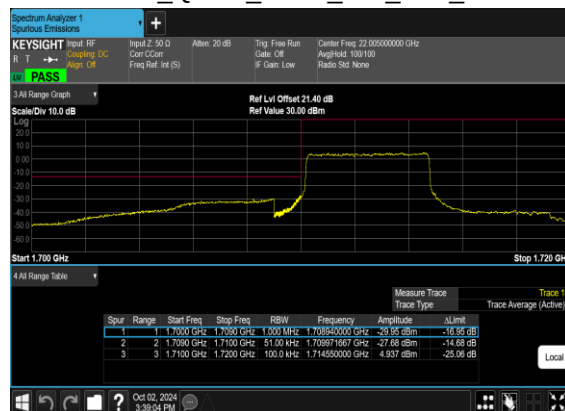


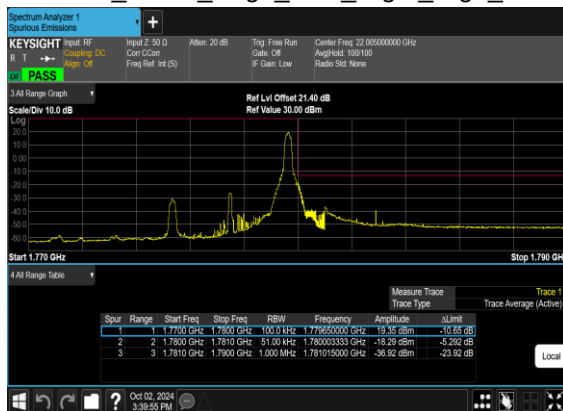
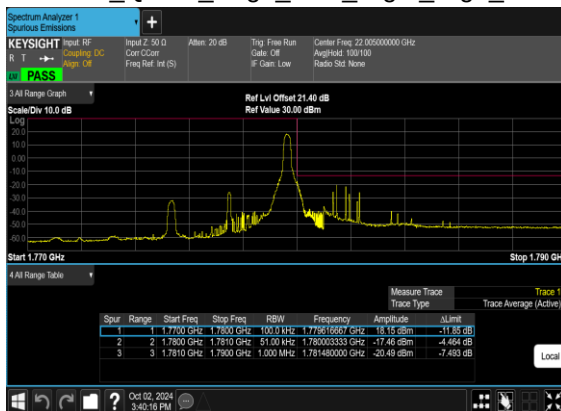
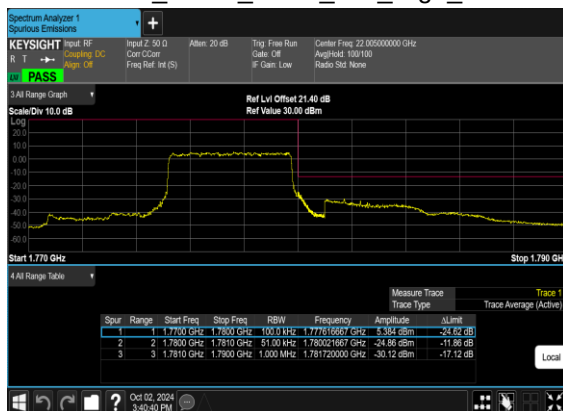
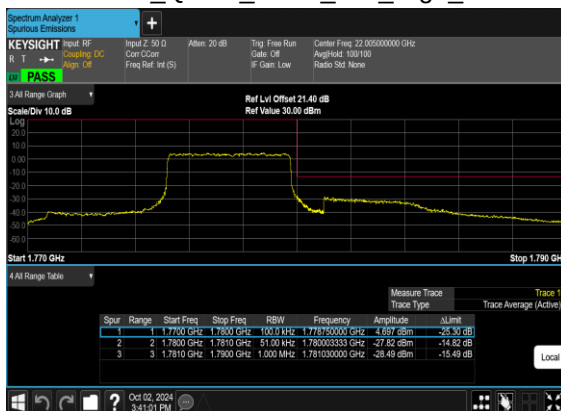
B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



**Conducted Band Edge**

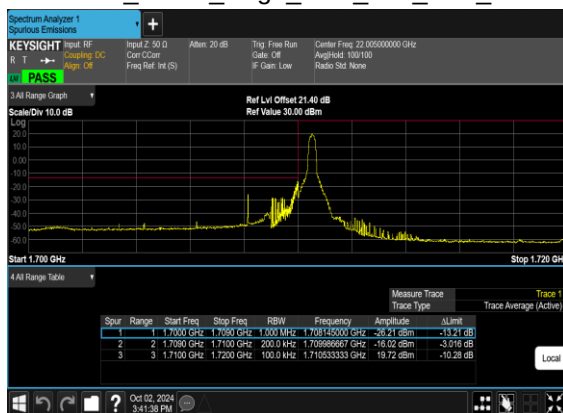
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	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	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
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	1@215	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

B5_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHB5_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHB5_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHB5_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

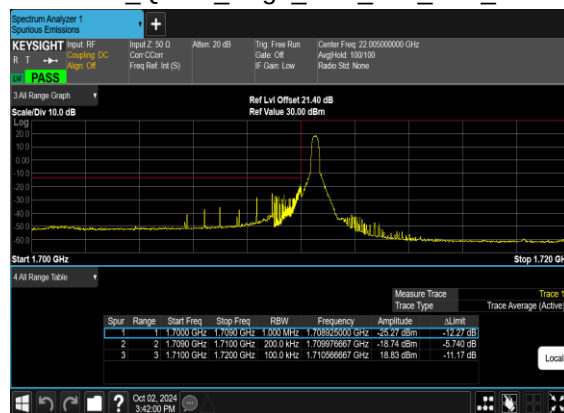
B5_N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHB5_N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CHB5_N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CHB5_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



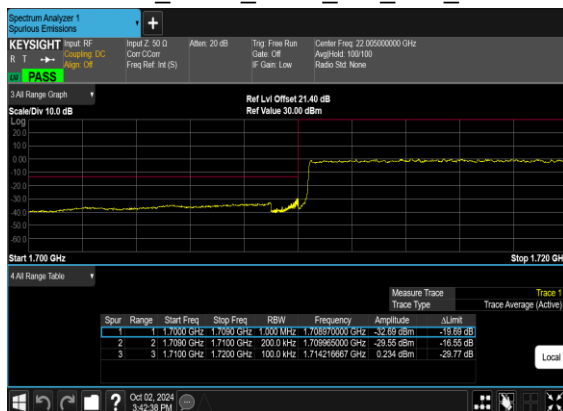
B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



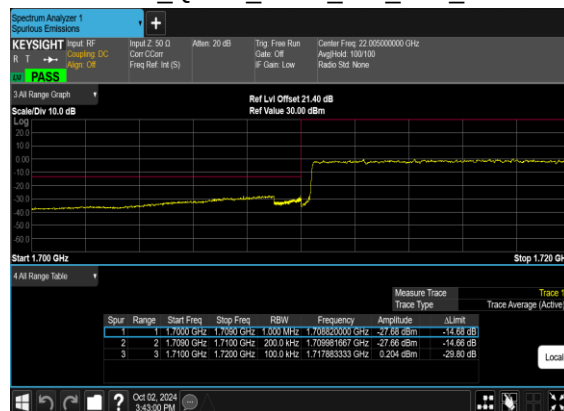
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

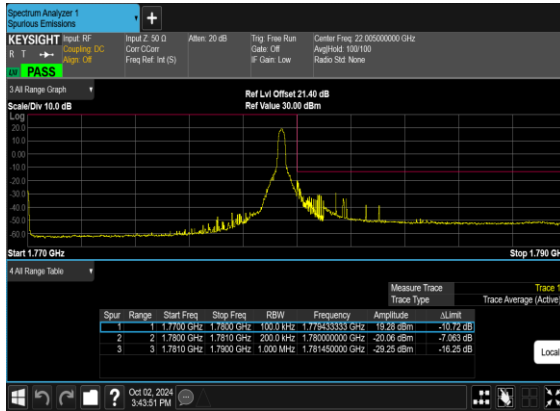


B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

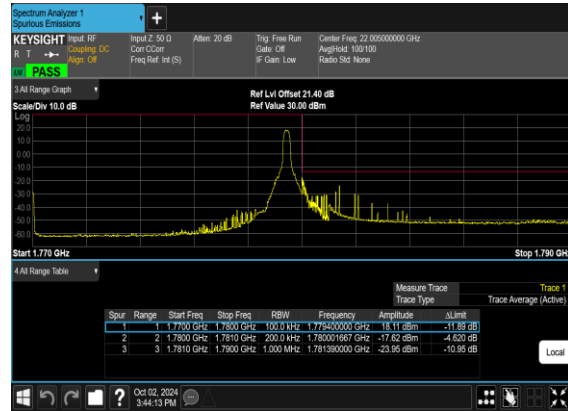




B5_N66(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N66(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

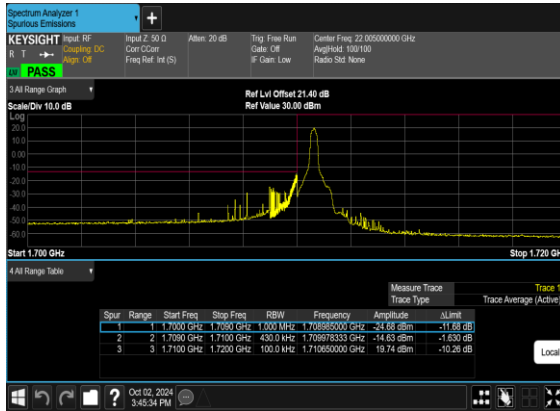


B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

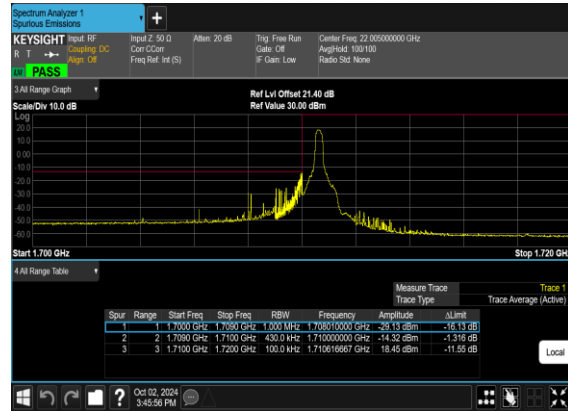




B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

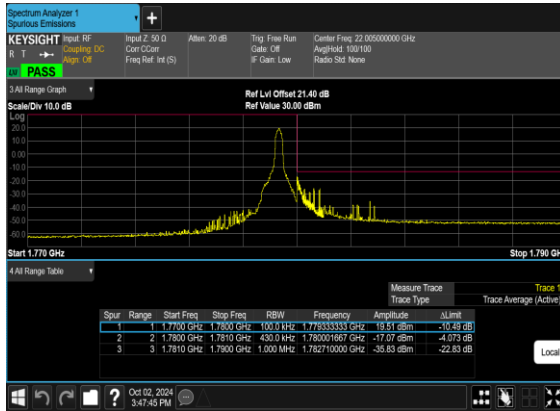


B5_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

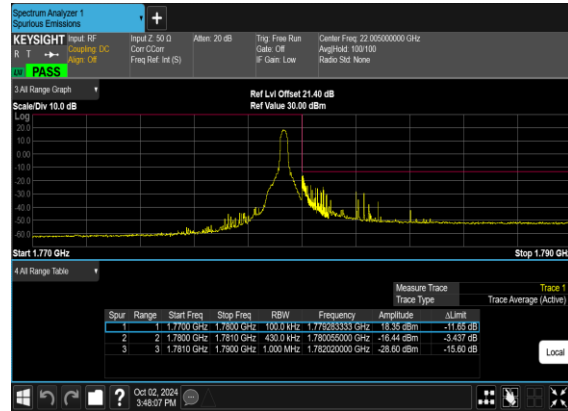




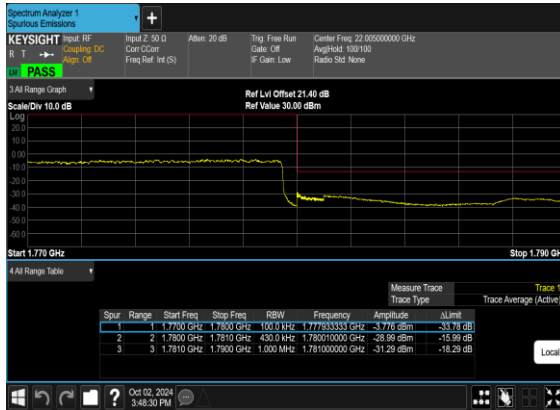
B5_N66(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B5_N66(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N66(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B5_N66(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N70 ANT2

Transmitter Conducted Output Power And EIRP, ($G_T - L_c$)=-0.2dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
70	15	5	339500	1697.5	DFT-s-OFDM PI/2 BPSK	1@1	24.22	24.02	0.2523
70	15	5	339500	1697.5	DFT-s-OFDM QPSK	1@1	24.21	24.01	0.2518
70	15	5	339500	1697.5	DFT-s-OFDM 16 QAM	1@1	23.16	22.96	0.1977
70	15	5	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	24.17	23.97	0.2495
70	15	5	340500	1702.5	DFT-s-OFDM QPSK	1@1	24.09	23.89	0.2449
70	15	5	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	23.33	23.13	0.2056
70	15	5	341500	1707.5	DFT-s-OFDM PI/2 BPSK	1@1	24.29	24.09	0.2564
70	15	5	341500	1707.5	DFT-s-OFDM QPSK	1@1	24.18	23.98	0.2500
70	15	5	341500	1707.5	DFT-s-OFDM 16 QAM	1@1	23.22	23.02	0.2004
70	15	10	340000	1700	DFT-s-OFDM PI/2 BPSK	1@1	24.11	23.91	0.2460
70	15	10	340000	1700	DFT-s-OFDM QPSK	1@1	24.16	23.96	0.2489
70	15	10	340000	1700	DFT-s-OFDM 16 QAM	1@1	23.14	22.94	0.1968
70	15	10	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	24.10	23.90	0.2455
70	15	10	340500	1702.5	DFT-s-OFDM QPSK	1@1	24.06	23.86	0.2432
70	15	10	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	23.00	22.80	0.1905
70	15	10	341000	1705	DFT-s-OFDM PI/2 BPSK	1@1	24.35	24.15	0.2600
70	15	10	341000	1705	DFT-s-OFDM QPSK	1@1	24.11	23.91	0.2460
70	15	10	341000	1705	DFT-s-OFDM 16 QAM	1@1	23.09	22.89	0.1945
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	36@18	24.67	24.47	0.2799
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@1	24.00	23.80	0.2399
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@77	23.96	23.76	0.2377
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	36@18	23.69	23.49	0.2234
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@1	23.98	23.78	0.2388
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@77	23.96	23.76	0.2377
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	36@18	21.96	21.76	0.1500
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@1	22.98	22.78	0.1897
70	15	15	340500	1702.5	DFT-s-OFDM 16 QAM	1@77	22.85	22.65	0.1841
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	36@18	21.08	20.88	0.1225
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@1	21.70	21.50	0.1413
70	15	15	340500	1702.5	DFT-s-OFDM 64 QAM	1@77	21.62	21.42	0.1387
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	36@18	19.23	19.03	0.0800
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@1	18.93	18.73	0.0746
70	15	15	340500	1702.5	DFT-s-OFDM 256 QAM	1@77	18.88	18.68	0.0738



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
70	15	15	340500	1702.5	CP-OFDM QPSK	39@19	21.72	21.52	0.1419
70	15	15	340500	1702.5	CP-OFDM QPSK	1@1	22.53	22.33	0.1710
70	15	15	340500	1702.5	CP-OFDM QPSK	1@77	22.51	22.31	0.1702



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0027	PASS	NV
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0021	PASS	LV
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0011	PASS	HV
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0040	PASS	-30°C
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0045	PASS	-20°C
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0043	PASS	-10°C
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0064	PASS	0°C
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0022	PASS	10°C
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0033	PASS	20°C
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0058	PASS	30°C
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	0.0045	PASS	40°C
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@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
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	75@0	3.71	13	PASS
70	15	15	340500	1702.5	DFT-s-OFDM PI/2 BPSK	1@0	3.63	13	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	75@0	4.73	13	PASS
70	15	15	340500	1702.5	DFT-s-OFDM QPSK	1@0	4.44	13	PASS



N70(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N70(15M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Mid_CH



N70(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



N70(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



**Occupied Bandwidth**

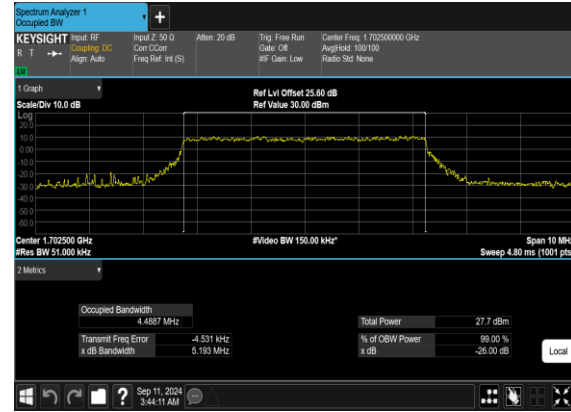
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
70	15	5	340500	1702.5	CP-OFDM QPSK	25@0	4.4686	5.044
70	15	5	340500	1702.5	CP-OFDM 16 QAM	25@0	4.4887	5.193
70	15	5	340500	1702.5	CP-OFDM 64 QAM	25@0	4.472	5.036
70	15	5	340500	1702.5	CP-OFDM 256 QAM	25@0	4.4699	5.142
70	15	10	340500	1702.5	CP-OFDM QPSK	52@0	9.2879	10.04
70	15	10	340500	1702.5	CP-OFDM 16 QAM	52@0	9.2875	9.979
70	15	10	340500	1702.5	CP-OFDM 64 QAM	52@0	9.2847	9.922
70	15	10	340500	1702.5	CP-OFDM 256 QAM	52@0	9.304	10.04
70	15	15	340500	1702.5	CP-OFDM QPSK	79@0	14.11	14.87
70	15	15	340500	1702.5	CP-OFDM 16 QAM	79@0	14.144	14.99
70	15	15	340500	1702.5	CP-OFDM 64 QAM	79@0	14.164	14.81
70	15	15	340500	1702.5	CP-OFDM 256 QAM	79@0	14.119	14.88



N70(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N70(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N70(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

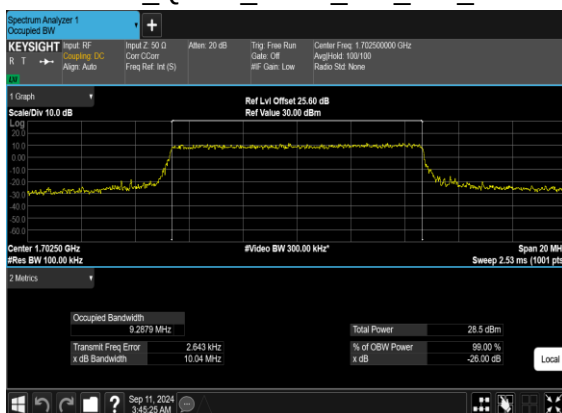


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QAM_Outer_Full_Mid_CH

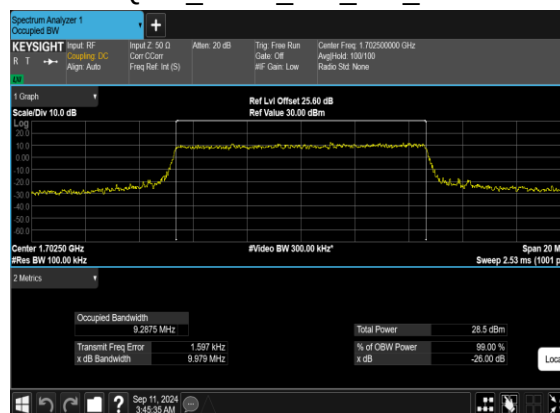




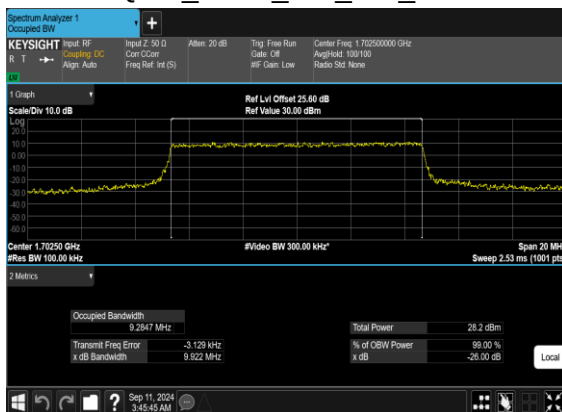
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OFDM_QPSK_Outer_Full_Mid_CH



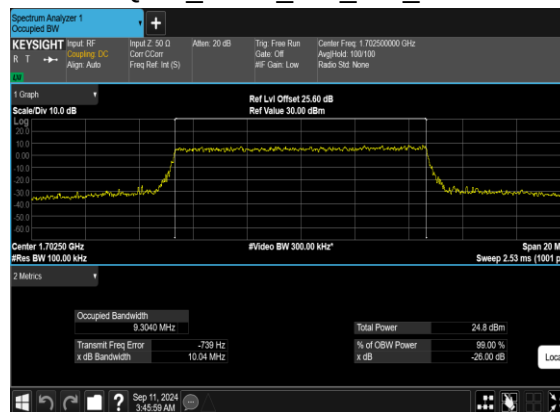
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QAM_Outer_Full_Mid_CH



N70(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N70(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

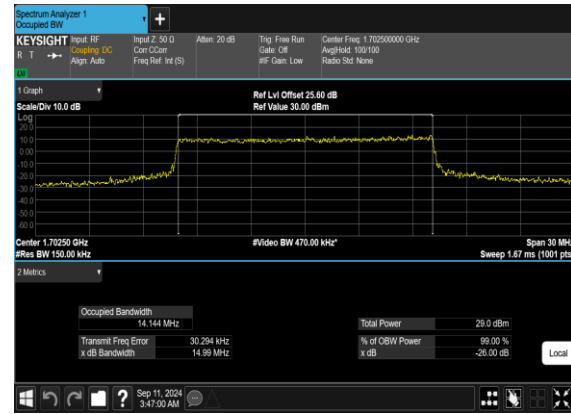




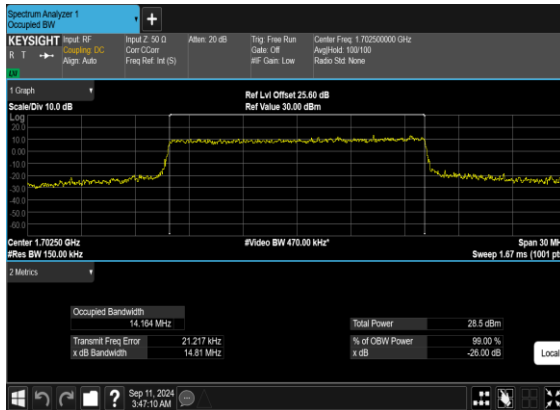
N70(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N70(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

