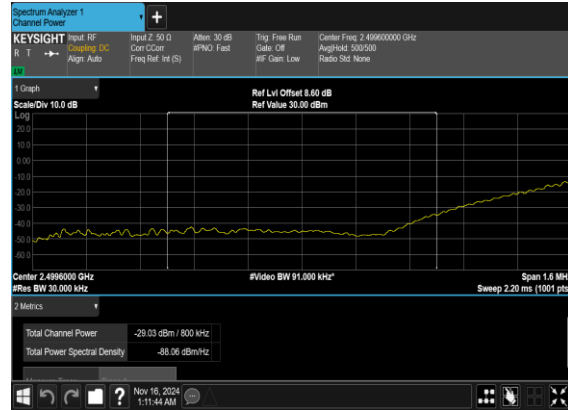




B5_N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



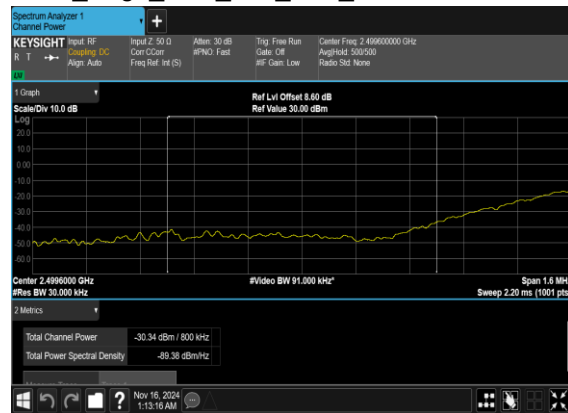
B5_N7(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



B5_N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

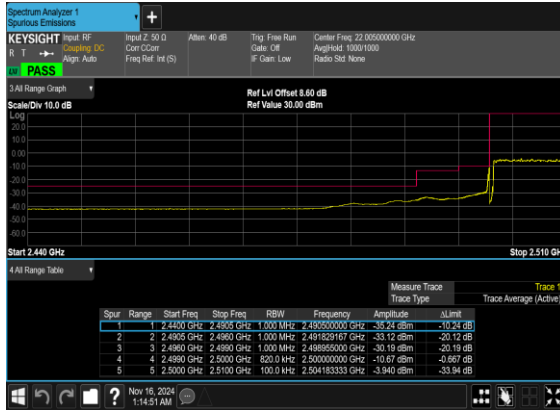


B5_N7(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS

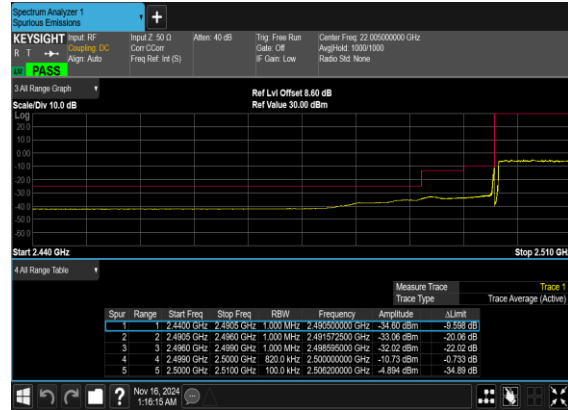




B5_N7(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



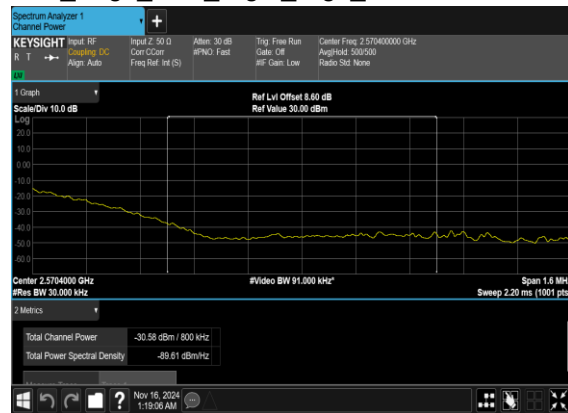
B5_N7(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B5_N7(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

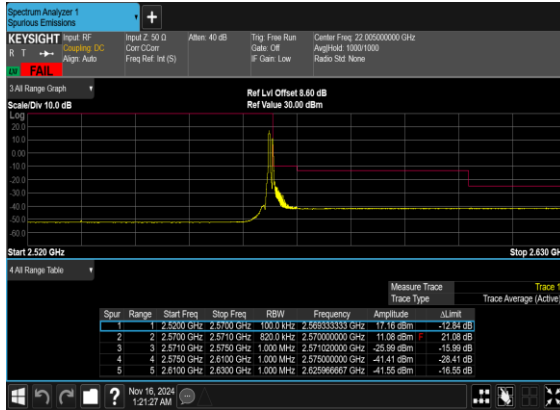


B5_N7(40M)_DFT-s-OFDM_BPSK
_Edge_1RB_Right_High_CH_chp_PASS

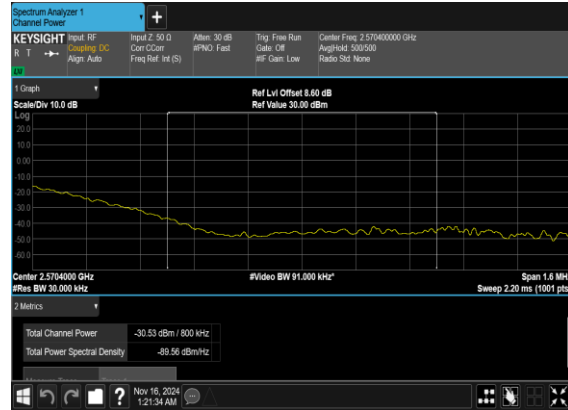




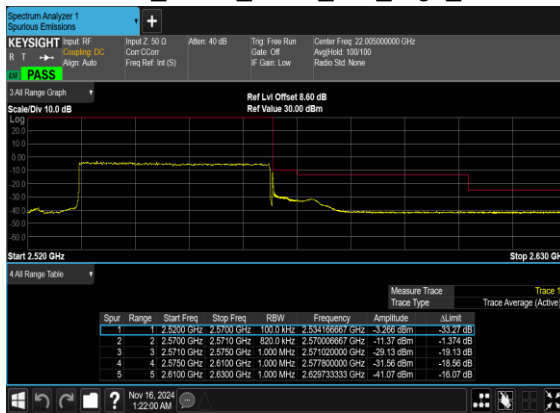
B5_N7(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



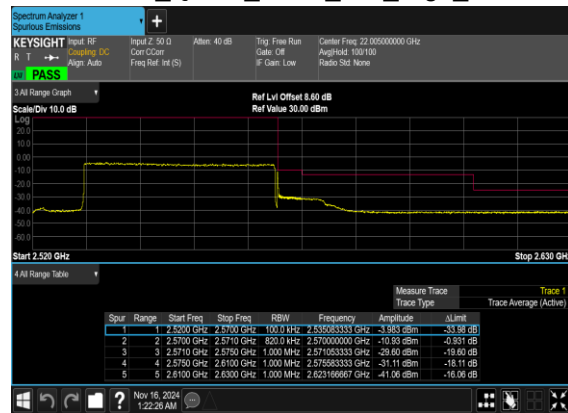
B5_N7(40M)_DFT-s-OFDM_QPSK
_Edge_1RB_Right_High_CH_CHP_PASS



B5_N7(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B5_N7(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N7 MIMO-ANT5+6**Transmitter Conducted Output Power And EIRP, ($G_T - L_c$)=-1.7dB**

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT5 Power (dBm)	ANT6 Power (dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	500500	2502.5	CP-OFDM QPSK	1@1	22.01	21.21	24.64	22.94	0.1967
7	15	5	500500	2502.5	CP-OFDM 16 QAM	1@1	21.12	20.54	23.85	22.15	0.1641
7	15	5	507000	2535	CP-OFDM QPSK	1@1	22.01	20.87	24.49	22.79	0.1900
7	15	5	507000	2535	CP-OFDM 16 QAM	1@1	21.62	20.06	23.92	22.22	0.1667
7	15	5	513500	2567.5	CP-OFDM QPSK	1@1	22.35	20.92	24.70	23.00	0.1997
7	15	5	513500	2567.5	CP-OFDM 16 QAM	1@1	21.41	20.22	23.87	22.17	0.1647
7	15	10	501000	2505	CP-OFDM QPSK	1@1	21.70	20.90	24.33	22.63	0.1832
7	15	10	501000	2505	CP-OFDM 16 QAM	1@1	21.42	20.12	23.83	22.13	0.1633
7	15	10	507000	2535	CP-OFDM QPSK	1@1	22.11	20.88	24.55	22.85	0.1927
7	15	10	507000	2535	CP-OFDM 16 QAM	1@1	21.34	20.00	23.73	22.03	0.1597
7	15	10	513000	2565	CP-OFDM QPSK	1@1	22.24	20.74	24.56	22.86	0.1934
7	15	10	513000	2565	CP-OFDM 16 QAM	1@1	21.52	19.78	23.75	22.05	0.1602
7	15	15	501500	2507.5	CP-OFDM QPSK	1@1	21.64	20.95	24.32	22.62	0.1828
7	15	15	501500	2507.5	CP-OFDM 16 QAM	1@1	21.32	20.20	23.81	22.11	0.1624
7	15	15	507000	2535	CP-OFDM QPSK	1@1	21.83	20.91	24.40	22.70	0.1864
7	15	15	507000	2535	CP-OFDM 16 QAM	1@1	21.49	20.16	23.89	22.19	0.1654
7	15	15	512500	2562.5	CP-OFDM QPSK	1@1	22.35	20.93	24.71	23.01	0.1999
7	15	15	512500	2562.5	CP-OFDM 16 QAM	1@1	21.50	20.43	24.01	22.31	0.1701
7	15	20	502000	2510	CP-OFDM QPSK	1@1	21.83	21.02	24.45	22.75	0.1885
7	15	20	502000	2510	CP-OFDM 16 QAM	1@1	21.06	20.13	23.63	21.93	0.1560
7	15	20	507000	2535	CP-OFDM QPSK	1@1	22.08	20.92	24.55	22.85	0.1927
7	15	20	507000	2535	CP-OFDM 16 QAM	1@1	21.32	20.05	23.74	22.04	0.1600
7	15	20	512000	2560	CP-OFDM QPSK	1@1	22.25	20.90	24.64	22.94	0.1967
7	15	20	512000	2560	CP-OFDM 16 QAM	1@1	21.51	20.00	23.83	22.13	0.1633
7	15	25	502500	2512.5	CP-OFDM QPSK	1@1	21.81	21.13	24.49	22.79	0.1903
7	15	25	502500	2512.5	CP-OFDM 16 QAM	1@1	21.54	20.42	24.03	22.33	0.1709
7	15	25	507000	2535	CP-OFDM QPSK	1@1	22.18	21.00	24.64	22.94	0.1968
7	15	25	507000	2535	CP-OFDM 16 QAM	1@1	21.82	20.25	24.12	22.42	0.1744
7	15	25	511500	2557.5	CP-OFDM QPSK	1@1	22.28	21.08	24.73	23.03	0.2010
7	15	25	511500	2557.5	CP-OFDM 16 QAM	1@1	21.54	20.10	23.89	22.19	0.1656
7	15	30	503000	2515	CP-OFDM QPSK	1@1	21.60	20.98	24.31	22.61	0.1824



7	15	30	503000	2515	CP-OFDM 16 QAM	1@1	21.32	20.18	23.80	22.10	0.1621
7	15	30	507000	2535	CP-OFDM QPSK	1@1	22.26	21.13	24.74	23.04	0.2015
7	15	30	507000	2535	CP-OFDM 16 QAM	1@1	21.54	20.06	23.87	22.17	0.1649
7	15	30	511000	2555	CP-OFDM QPSK	1@1	21.87	20.89	24.42	22.72	0.1870
7	15	30	511000	2555	CP-OFDM 16 QAM	1@1	21.51	20.26	23.94	22.24	0.1675
7	15	35	503500	2517.5	CP-OFDM QPSK	1@1	21.69	20.95	24.35	22.65	0.1839
7	15	35	503500	2517.5	CP-OFDM 16 QAM	1@1	21.43	20.26	23.89	22.19	0.1658
7	15	35	507000	2535	CP-OFDM QPSK	1@1	22.09	20.93	24.56	22.86	0.1931
7	15	35	507000	2535	CP-OFDM 16 QAM	1@1	21.61	20.31	24.02	22.32	0.1706
7	15	35	501500	2552.5	CP-OFDM QPSK	1@1	22.30	21.26	24.82	23.12	0.2052
7	15	35	501500	2552.5	CP-OFDM 16 QAM	1@1	21.48	20.26	23.92	22.22	0.1668
7	15	40	504000	2520	CP-OFDM QPSK	1@1	22.10	21.09	24.63	22.93	0.1965
7	15	40	504000	2520	CP-OFDM 16 QAM	1@1	21.73	20.56	24.19	22.49	0.1776
7	15	40	507000	2535	CP-OFDM QPSK	1@1	22.31	20.92	24.68	22.98	0.1986
7	15	40	507000	2535	CP-OFDM 16 QAM	1@1	21.83	20.23	24.11	22.41	0.1743
7	15	40	510000	2550	CP-OFDM QPSK	1@1	22.38	21.16	24.82	23.12	0.2053
7	15	40	510000	2550	CP-OFDM 16 QAM	1@1	21.74	20.37	24.12	22.42	0.1745
7	15	50	505000	2525	CP-OFDM QPSK	135@67	22.02	21.12	24.60	22.90	0.1951
7	15	50	505000	2525	CP-OFDM QPSK	1@1	22.36	21.22	24.84	23.14	0.2059
7	15	50	505000	2525	CP-OFDM QPSK	1@268	22.23	21.23	24.77	23.07	0.2027
7	15	50	505000	2525	CP-OFDM 16 QAM	135@67	21.72	20.58	24.20	22.50	0.1777
7	15	50	505000	2525	CP-OFDM 16 QAM	1@1	21.67	20.77	24.25	22.55	0.1800
7	15	50	505000	2525	CP-OFDM 16 QAM	1@268	21.56	20.65	24.14	22.44	0.1754
7	15	50	505000	2525	CP-OFDM 64 QAM	135@67	20.12	19.16	22.68	20.98	0.1252
7	15	50	505000	2525	CP-OFDM 64 QAM	1@1	19.97	19.48	22.74	21.04	0.1271
7	15	50	505000	2525	CP-OFDM 64 QAM	1@268	19.87	19.4	22.65	20.95	0.1245
7	15	50	505000	2525	CP-OFDM 256 QAM	135@67	16.8	16.03	19.44	17.74	0.0595
7	15	50	505000	2525	CP-OFDM 256 QAM	1@1	17.1	15.96	19.58	17.88	0.0613
7	15	50	505000	2525	CP-OFDM 256 QAM	1@268	16.79	15.9	19.38	17.68	0.0586
7	15	50	507000	2535	CP-OFDM QPSK	135@67	21.94	20.87	24.45	22.75	0.1883
7	15	50	507000	2535	CP-OFDM QPSK	1@1	22.37	21.12	24.80	23.10	0.2042
7	15	50	507000	2535	CP-OFDM QPSK	1@268	22.25	21.01	24.68	22.98	0.1988
7	15	50	507000	2535	CP-OFDM 16 QAM	135@67	21.67	20.58	24.17	22.47	0.1766
7	15	50	507000	2535	CP-OFDM 16 QAM	1@1	21.71	20.75	24.27	22.57	0.1806
7	15	50	507000	2535	CP-OFDM 16 QAM	1@268	21.55	20.65	24.13	22.43	0.1751
7	15	50	507000	2535	CP-OFDM 64 QAM	135@67	20.02	19.03	22.56	20.86	0.1220
7	15	50	507000	2535	CP-OFDM 64 QAM	1@1	20.04	19.61	22.84	21.14	0.1300
7	15	50	507000	2535	CP-OFDM 64 QAM	1@268	19.95	19.41	22.70	21.00	0.1259
7	15	50	507000	2535	CP-OFDM 256 QAM	135@67	16.7	15.89	19.32	17.62	0.0579



7	15	50	507000	2535	CP-OFDM 256 QAM	1@1	17.04	16	19.56	17.86	0.0611
7	15	50	507000	2535	CP-OFDM 256 QAM	1@268	16.91	15.88	19.44	17.74	0.0594
7	15	50	509000	2545	CP-OFDM QPSK	135@67	21.88	20.97	24.46	22.76	0.1888
7	15	50	509000	2545	CP-OFDM QPSK	1@1	22.32	21.21	24.81	23.11	0.2047
7	15	50	509000	2545	CP-OFDM QPSK	1@268	22.32	21.11	24.77	23.07	0.2026
7	15	50	509000	2545	CP-OFDM 16 QAM	135@67	21.61	20.54	24.12	22.42	0.1745
7	15	50	509000	2545	CP-OFDM 16 QAM	1@1	21.65	20.68	24.20	22.50	0.1779
7	15	50	509000	2545	CP-OFDM 16 QAM	1@268	21.64	20.5	24.12	22.42	0.1745
7	15	50	509000	2545	CP-OFDM 64 QAM	135@67	20.05	19	22.57	20.87	0.1221
7	15	50	509000	2545	CP-OFDM 64 QAM	1@1	20.03	19.5	22.78	21.08	0.1283
7	15	50	509000	2545	CP-OFDM 64 QAM	1@268	19.95	19.24	22.62	20.92	0.1236
7	15	50	509000	2545	CP-OFDM 256 QAM	135@67	17.01	16.03	19.56	17.86	0.0611
7	15	50	509000	2545	CP-OFDM 256 QAM	1@1	17.25	16.08	19.71	18.01	0.0633
7	15	50	509000	2545	CP-OFDM 256 QAM	1@268	17.04	15.73	19.44	17.74	0.0595

FR1 N7 MIMO-ANT5+6(5)

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	16.5	PASS	NV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	12.9	PASS	LV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	19.5	PASS	HV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	16.6	PASS	-30°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.3	PASS	-20°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	14	PASS	-10°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	19.4	PASS	0°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	15.3	PASS	10°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	19.5	PASS	20°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	16.2	PASS	30°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	15.6	PASS	40°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	19.1	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	6.89	13	PASS

N7(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



Occupied Bandwidth

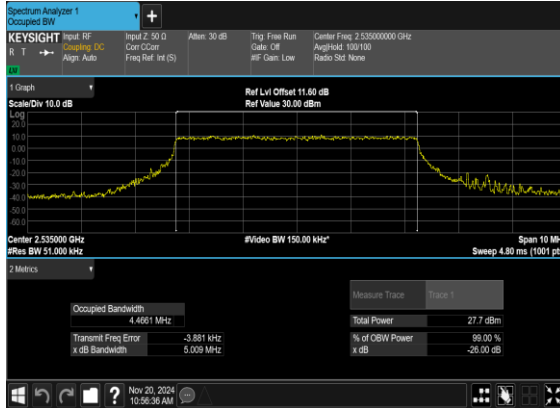
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.4661	5.009
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.4797	5.061
7	15	5	507000	2535.0	CP-OFDM 64 QAM	25@0	4.47	4.984
7	15	5	507000	2535.0	CP-OFDM 256 QAM	25@0	4.461	4.981
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.3001	10.0
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.2797	9.985
7	15	10	507000	2535.0	CP-OFDM 64 QAM	52@0	9.3048	10.19
7	15	10	507000	2535.0	CP-OFDM 256 QAM	52@0	9.2905	10.09
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.126	14.92
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.099	14.9
7	15	15	507000	2535.0	CP-OFDM 64 QAM	79@0	14.123	14.92
7	15	15	507000	2535.0	CP-OFDM 256 QAM	79@0	14.089	14.92
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.896	20.01
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.927	19.75
7	15	20	507000	2535.0	CP-OFDM 64 QAM	106@0	18.943	19.83
7	15	20	507000	2535.0	CP-OFDM 256 QAM	106@0	18.943	20.53
7	15	25	507000	2535.0	CP-OFDM QPSK	133@0	23.741	24.93
7	15	25	507000	2535.0	CP-OFDM 16 QAM	133@0	23.71	24.88
7	15	25	507000	2535.0	CP-OFDM 64 QAM	133@0	23.802	24.92
7	15	25	507000	2535.0	CP-OFDM 256 QAM	133@0	23.747	24.67
7	15	30	507000	2535.0	CP-OFDM QPSK	160@0	28.527	29.54
7	15	30	507000	2535.0	CP-OFDM 16 QAM	160@0	28.545	29.63



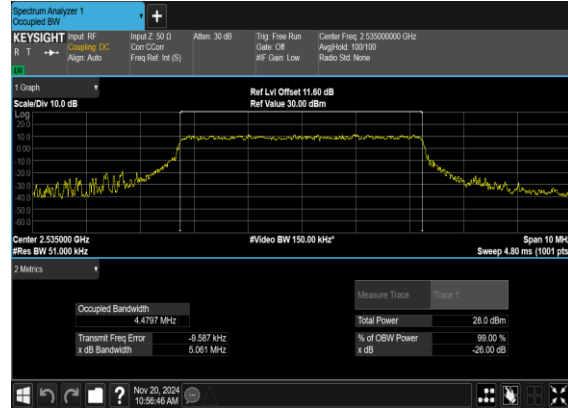
7	15	30	507000	2535.0	CP-OFDM 64 QAM	160@0	28.513	29.9
7	15	30	507000	2535.0	CP-OFDM 256 QAM	160@0	28.564	29.67
7	15	35	507000	2535.0	CP-OFDM QPSK	188@0	33.541	34.76
7	15	35	507000	2535.0	CP-OFDM 16 QAM	188@0	33.56	34.84
7	15	35	507000	2535.0	CP-OFDM 64 QAM	188@0	33.586	34.76
7	15	35	507000	2535.0	CP-OFDM 256 QAM	188@0	33.535	34.88
7	15	40	507000	2535.0	CP-OFDM QPSK	216@0	38.5	39.84
7	15	40	507000	2535.0	CP-OFDM 16 QAM	216@0	38.513	39.94
7	15	40	507000	2535.0	CP-OFDM 64 QAM	216@0	38.579	39.83
7	15	40	507000	2535.0	CP-OFDM 256 QAM	216@0	38.588	39.9
7	15	50	507000	2535.0	CP-OFDM QPSK	270@0	48.145	49.94
7	15	50	507000	2535.0	CP-OFDM 16 QAM	270@0	48.23	49.69
7	15	50	507000	2535.0	CP-OFDM 64 QAM	270@0	48.098	49.79
7	15	50	507000	2535.0	CP-OFDM 256 QAM	270@0	48.221	49.73



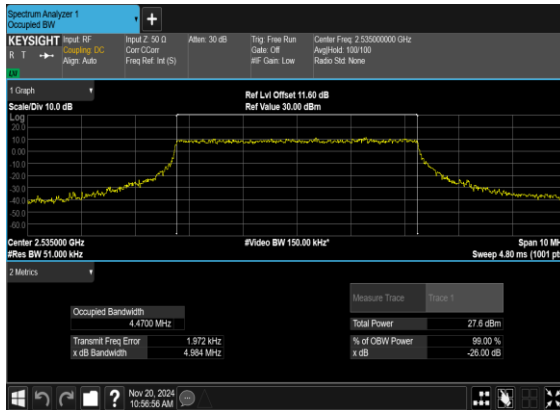
N7(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



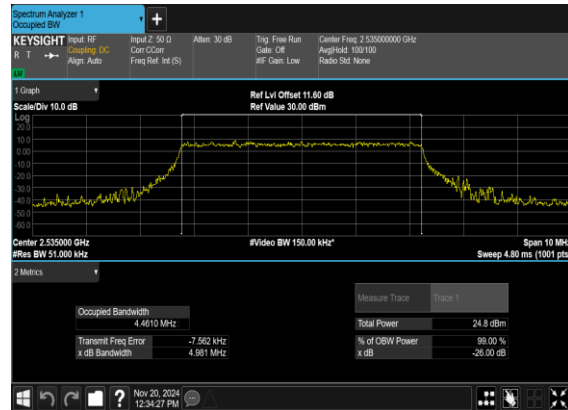
N7(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

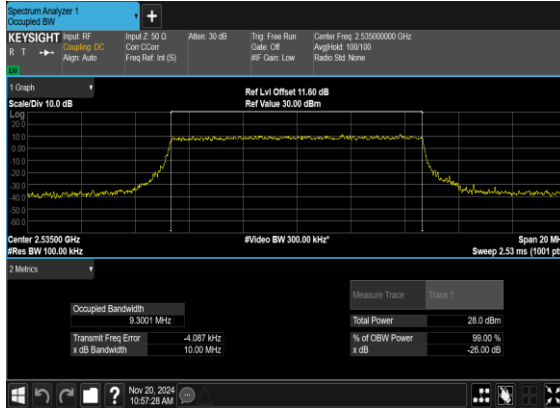


N7(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





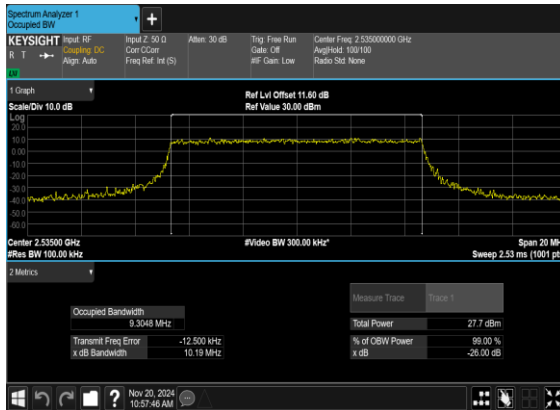
N7(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



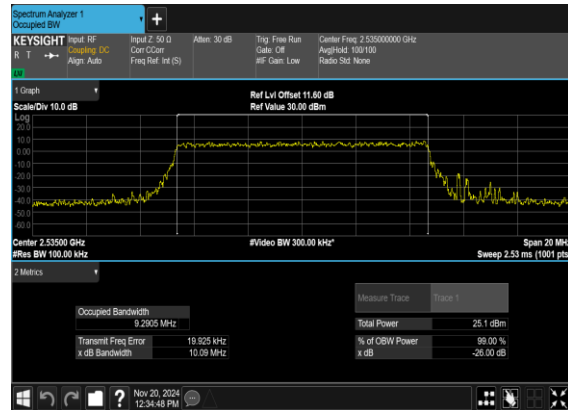
N7(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

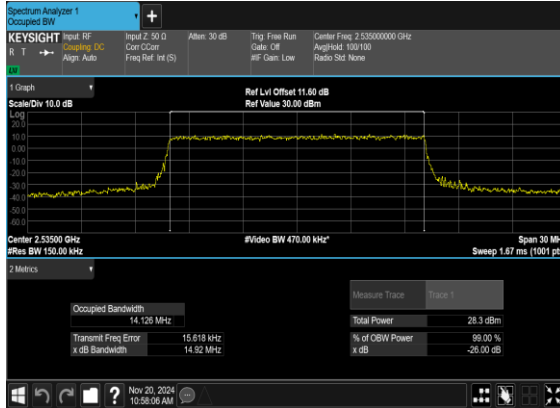


N7(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

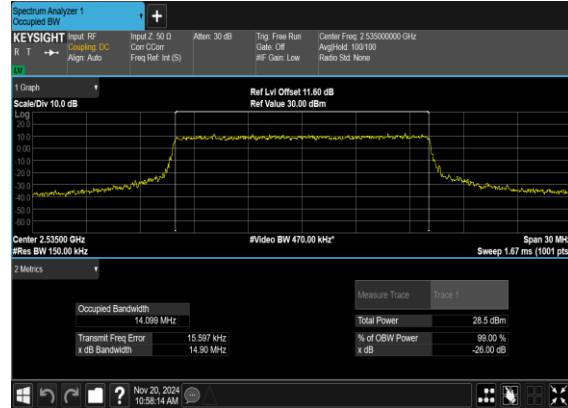




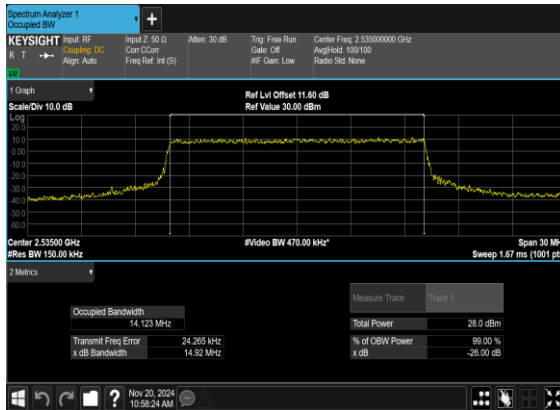
N7(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



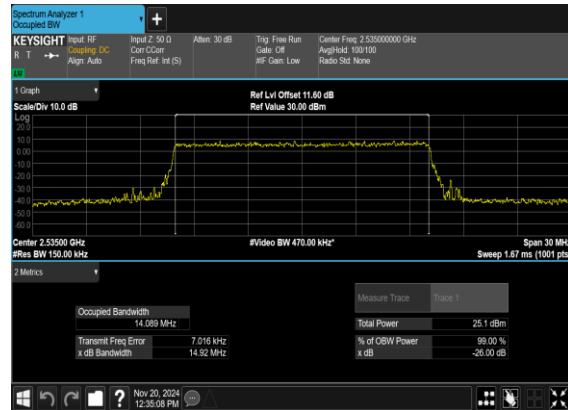
N7(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

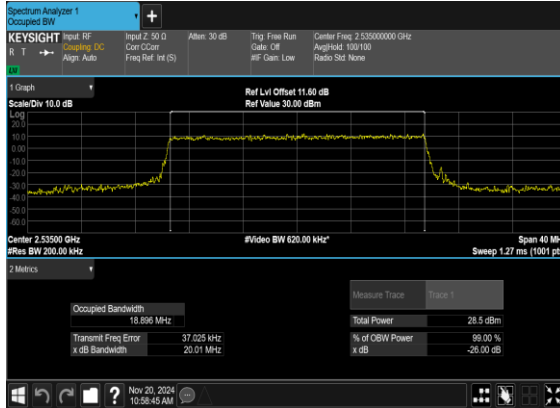


N7(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

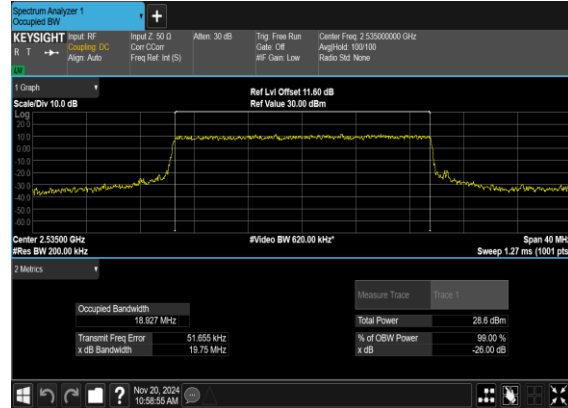




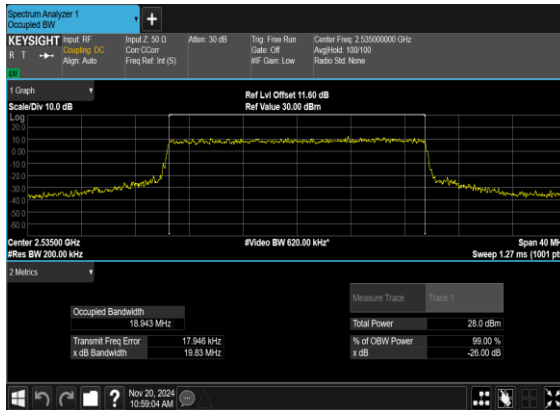
N7(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



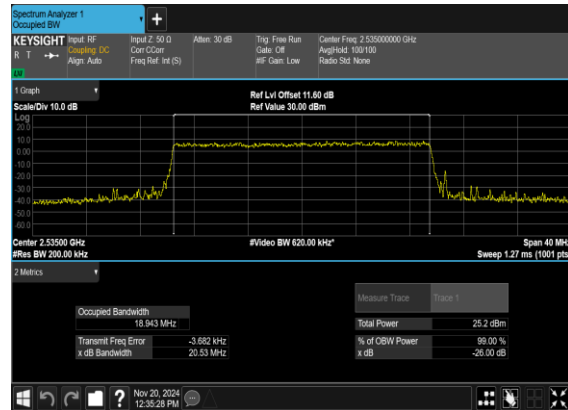
N7(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

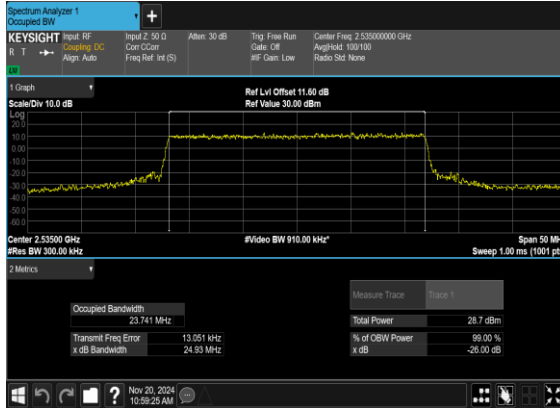


N7(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

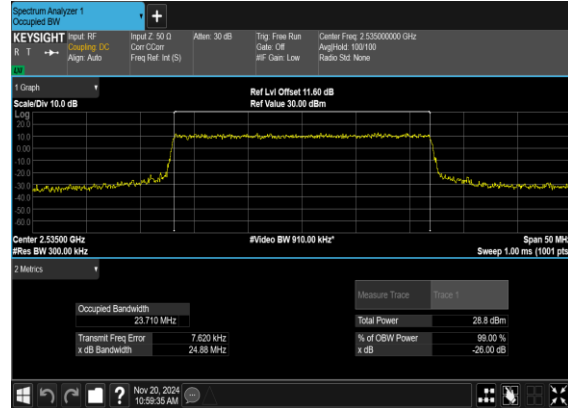




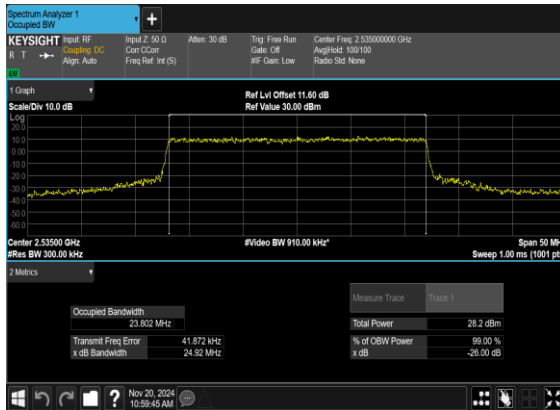
N7(25M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



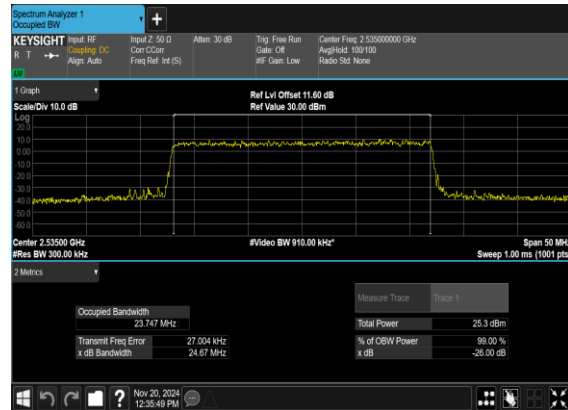
N7(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

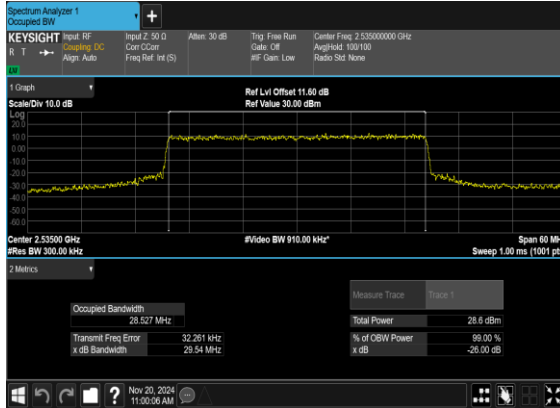


N7(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

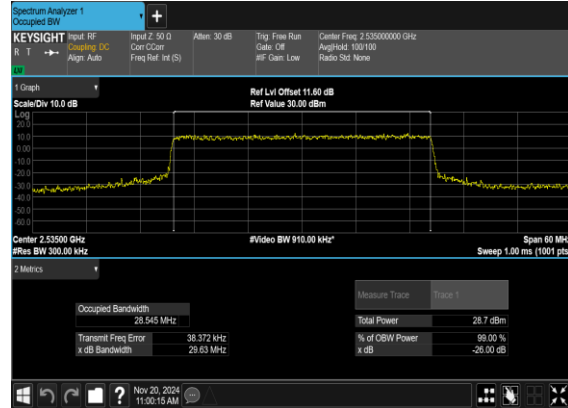




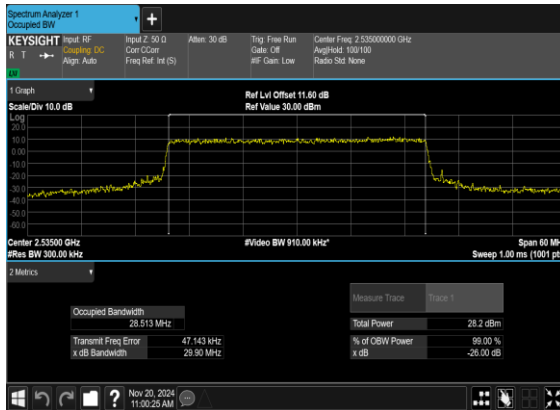
N7(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



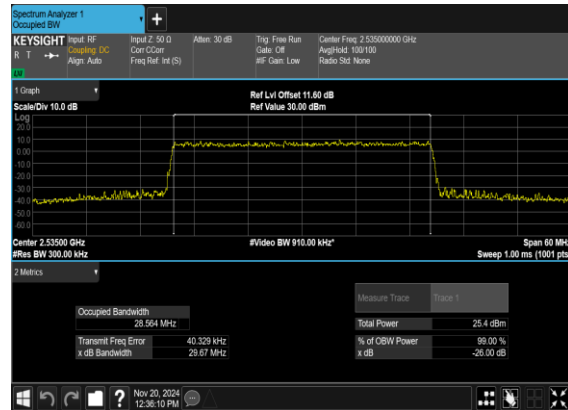
N7(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

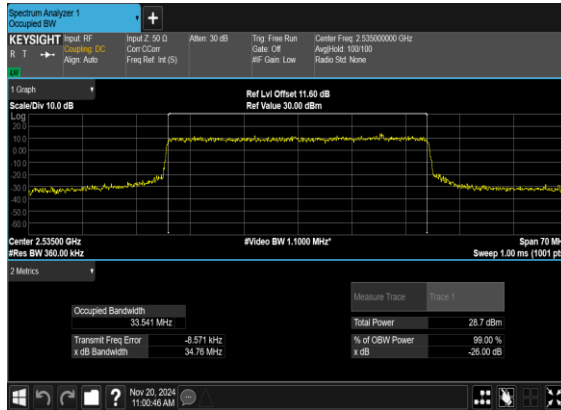


N7(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

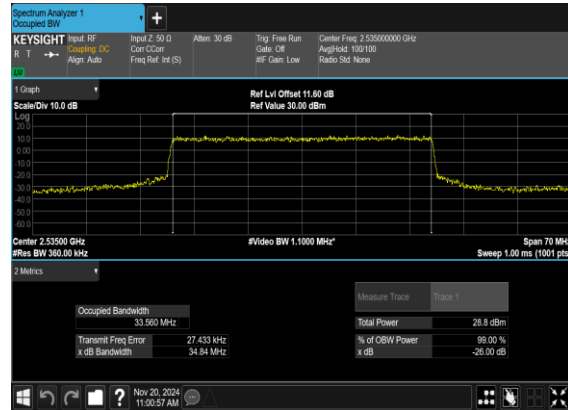




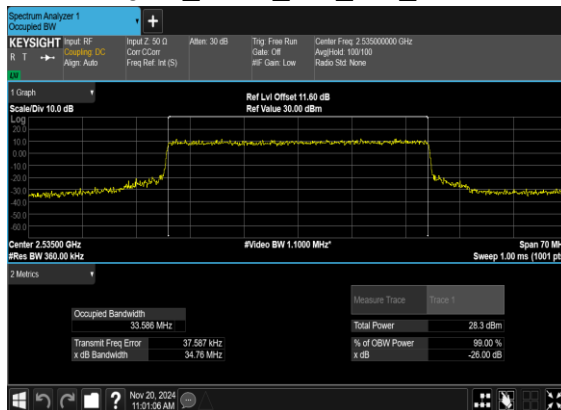
N7(35M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



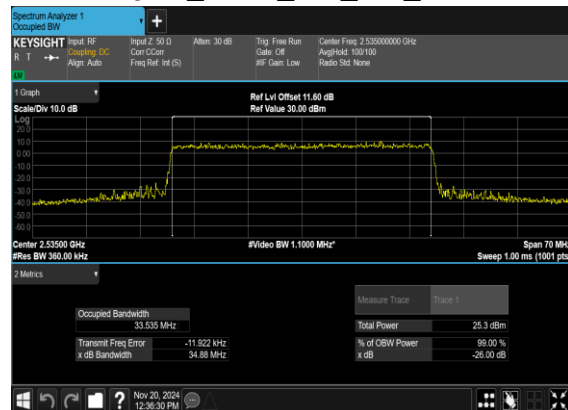
N7(35M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(35M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N7(35M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

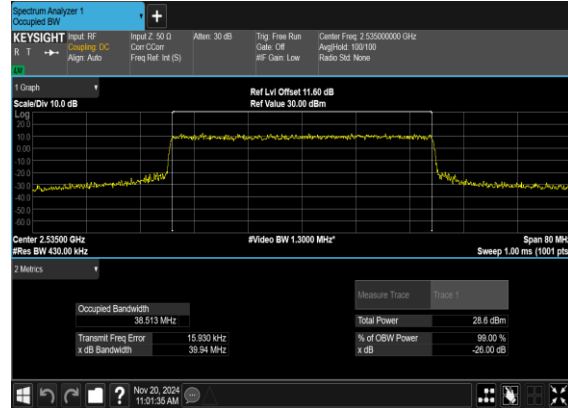




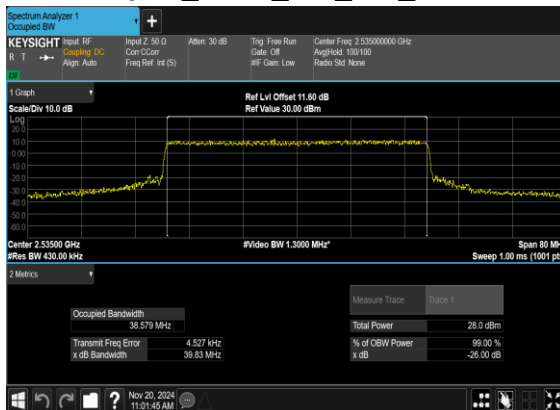
N7(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



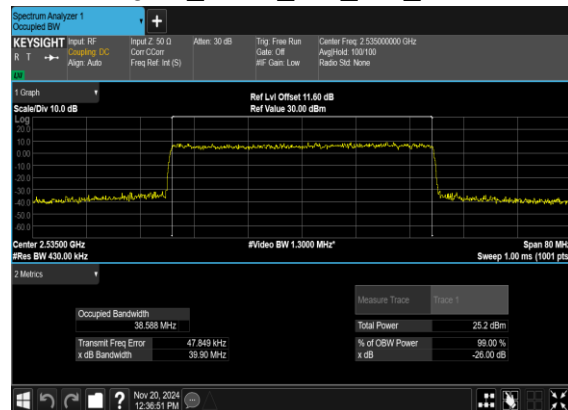
N7(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

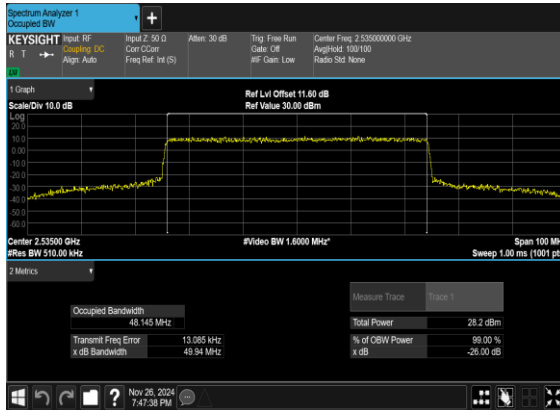


N7(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

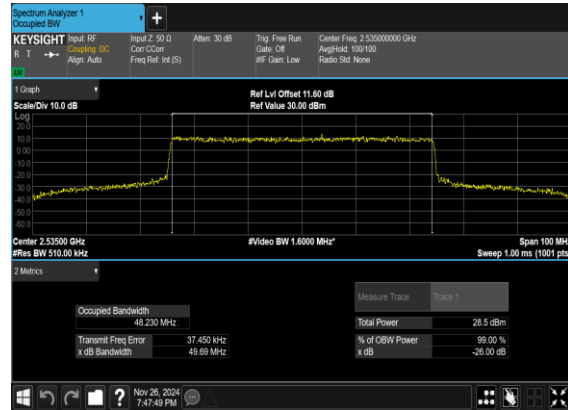




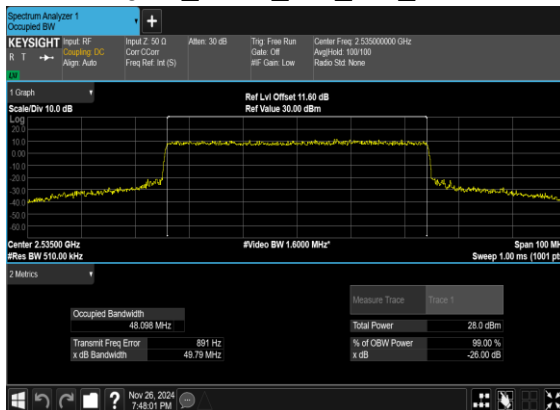
N7(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



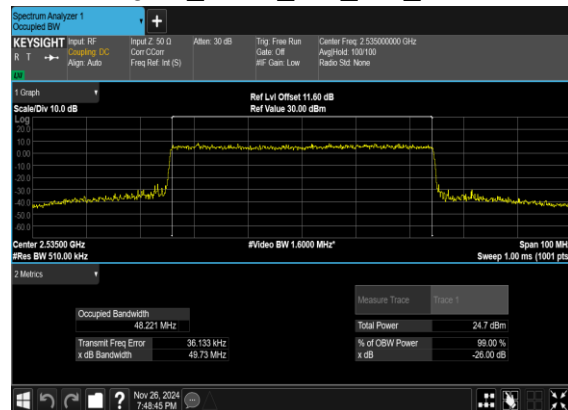
N7(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N7(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N7(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



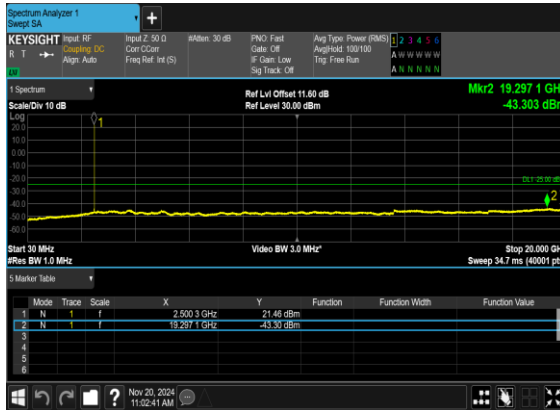
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	---
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	CP-OFDM QPSK	1@0	see graph	---
7	15	5	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	1@0	see graph	---
7	15	5	513500	2567.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM QPSK	1@0	see graph	---
7	15	25	502500	2512.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	507000	2535.0	CP-OFDM QPSK	1@0	see graph	---
7	15	25	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM QPSK	1@0	see graph	---
7	15	25	511500	2557.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM QPSK	1@0	see graph	---

7	15	50	505000	2525.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	507000	2535.0	CP-OFDM QPSK	1@0	see graph	---
7	15	50	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	507000	2535.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM QPSK	1@0	see graph	---
7	15	50	509000	2545.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM QPSK	1@0	see graph	PASS



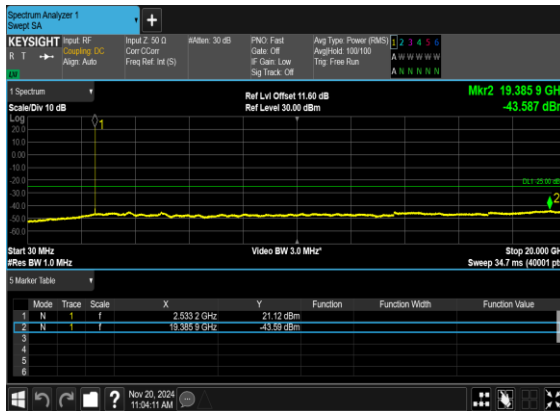
N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



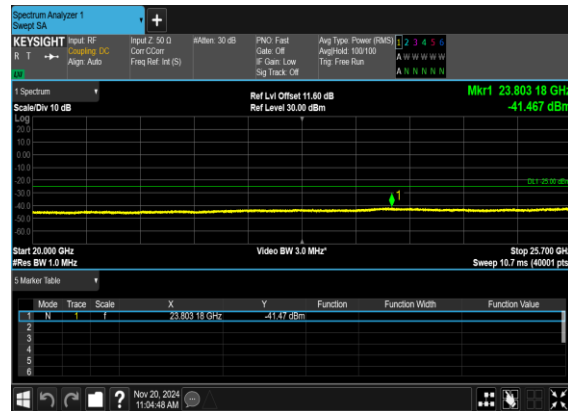
N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

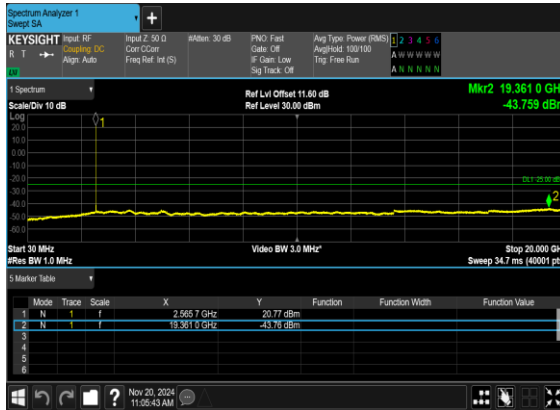


N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





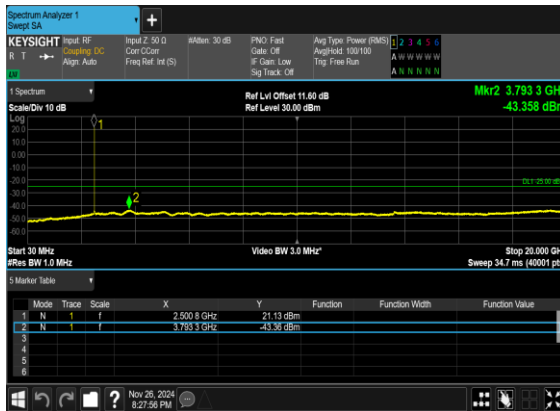
N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH

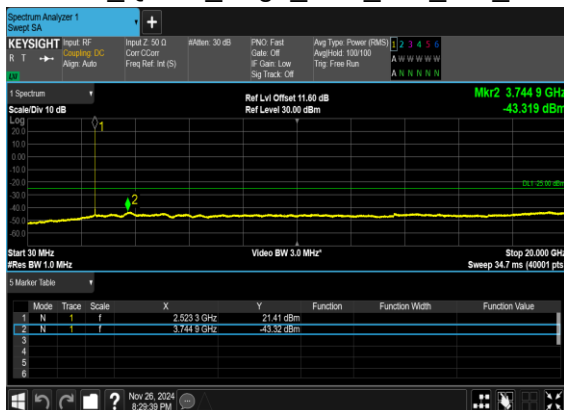


N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH





N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH





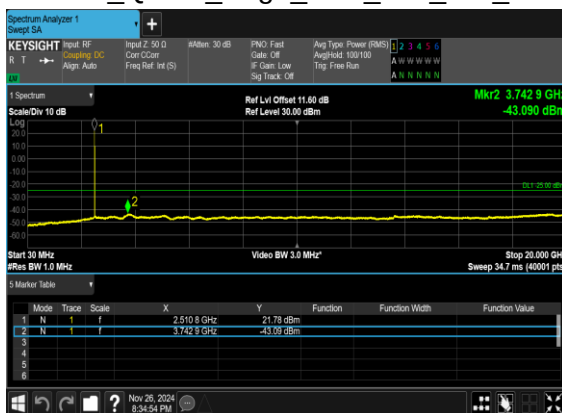
N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

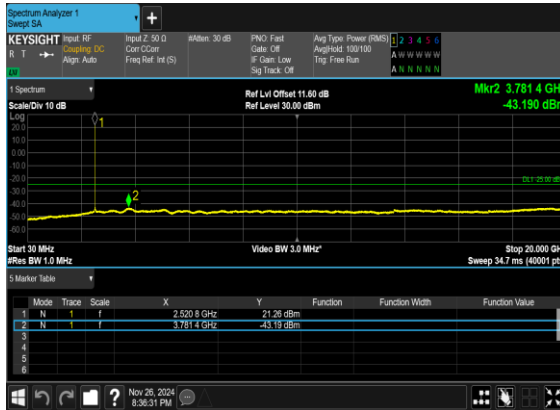


N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

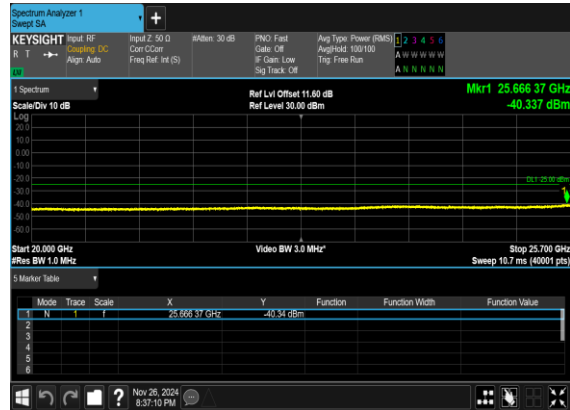




N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

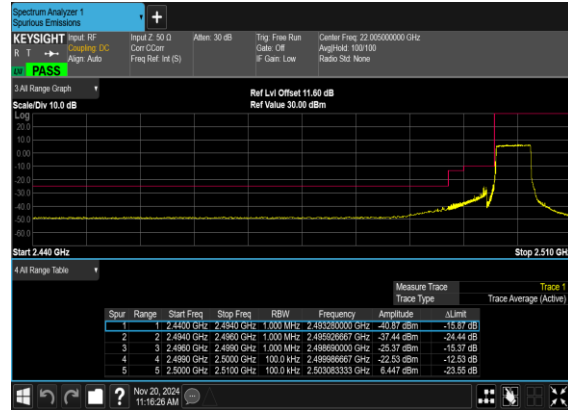
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	CP-OFDM QPSK	25@0	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	1@24	see graph	PASS
7	15	5	513500	2567.5	CP-OFDM QPSK	25@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM QPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	CP-OFDM QPSK	133@0	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM QPSK	1@132	see graph	PASS
7	15	25	511500	2557.5	CP-OFDM QPSK	133@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM QPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	CP-OFDM QPSK	270@0	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM QPSK	1@269	see graph	PASS
7	15	50	509000	2545.0	CP-OFDM QPSK	270@0	see graph	PASS



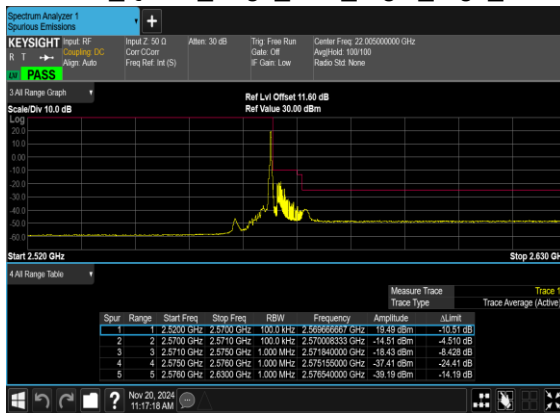
N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



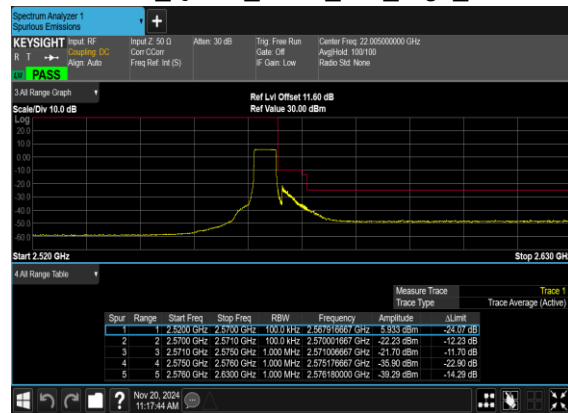
N7(5M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N7(5M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

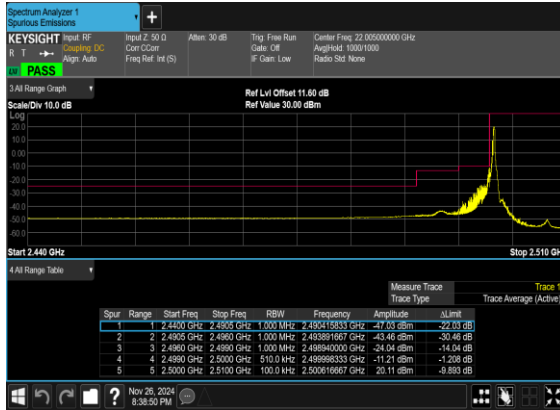


N7(5M)_CP-
OFDM_QPSK_Outer_Full_High_CH

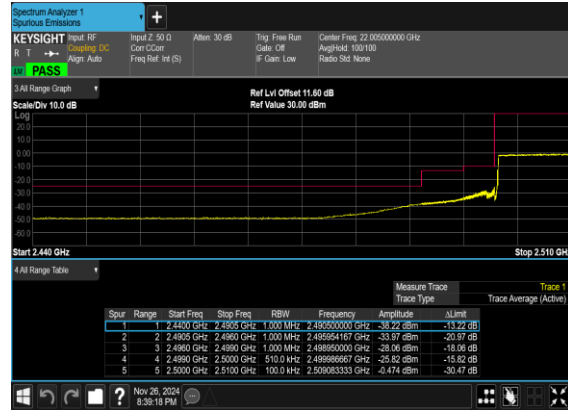




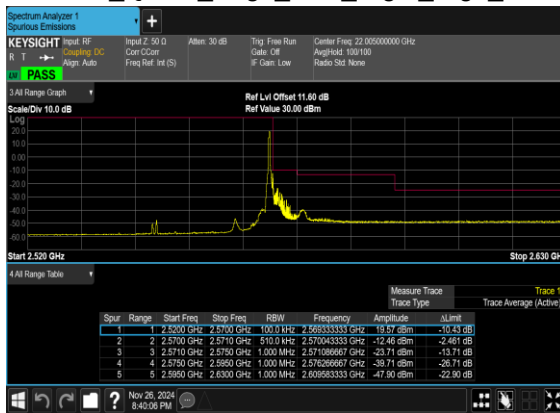
N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



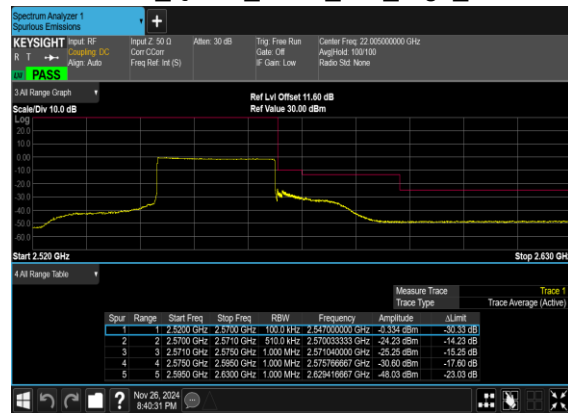
N7(25M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N7(25M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N7(25M)_CP-
OFDM_QPSK_Outer_Full_High_CH

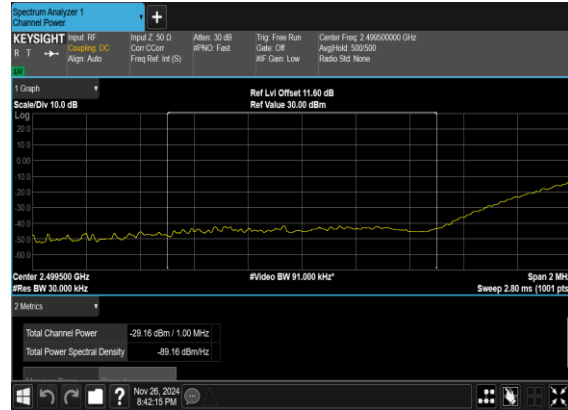




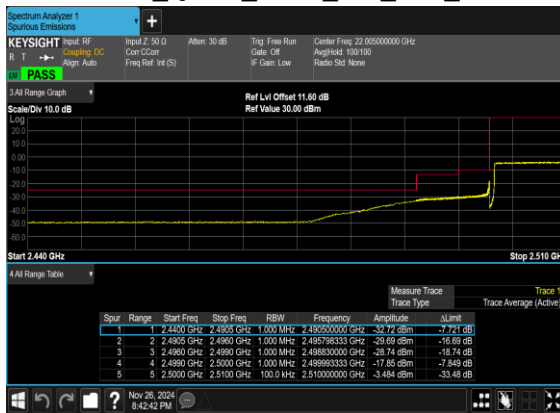
N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



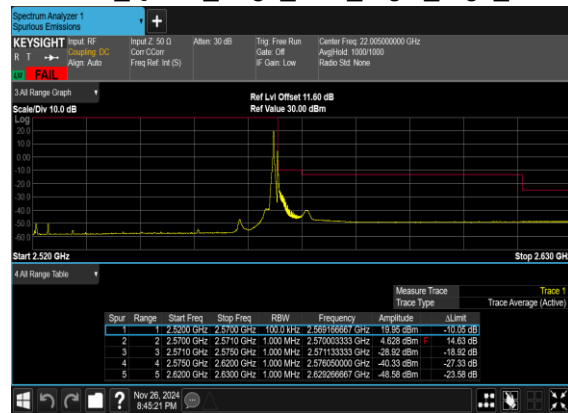
N7(50M)_CP-OFDM_QPSK
_Edge_1RB_Left_Low_CH_chp_PASS



N7(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

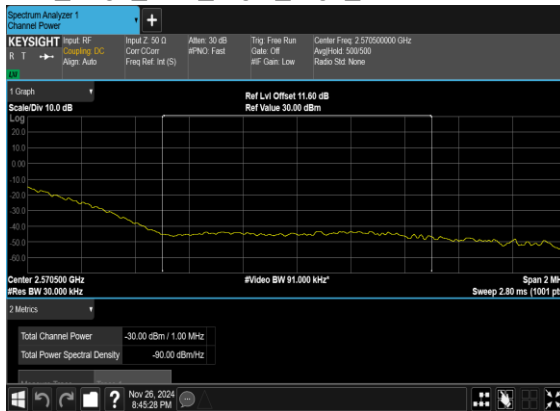


N7(50M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

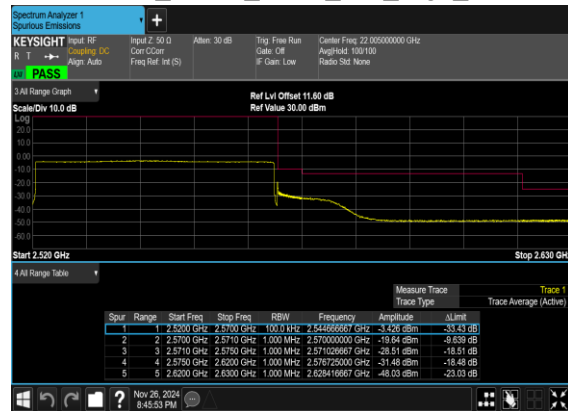




N7(50M)_CP-OFDM_QPSK
_Edge_1RB_Right_High_CH_chp_PASS



N7(50M)_CP-
OFDM_QPSK_Outer_Full_High_CH





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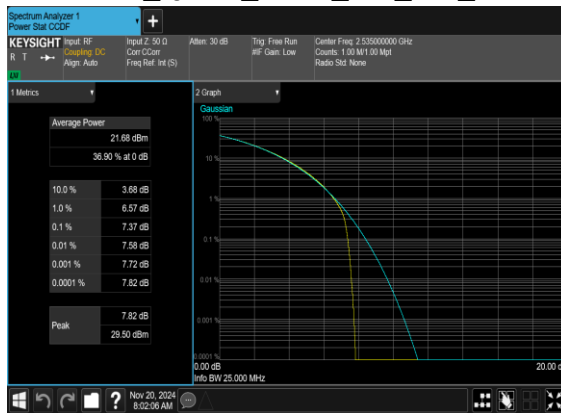
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	10.6	PASS	NV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	12.5	PASS	LV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	17.5	PASS	HV
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	17.8	PASS	-30°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	13.9	PASS	-20°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	16	PASS	-10°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.8	PASS	0°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	13.3	PASS	10°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	17.5	PASS	20°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	13.5	PASS	30°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	12.9	PASS	40°C
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	10.5	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	7.37	13	PASS

N7(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



Occupied Bandwidth

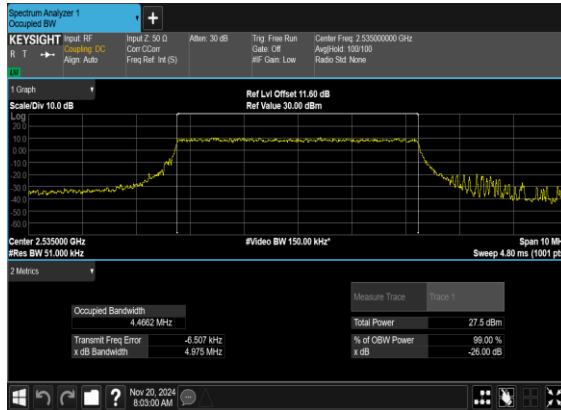
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.4662	4.975
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.4768	5.093
7	15	5	507000	2535.0	CP-OFDM 64 QAM	25@0	4.4651	5.004
7	15	5	507000	2535.0	CP-OFDM 256 QAM	25@0	4.4752	4.99
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.2805	10.07
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.2991	9.969
7	15	10	507000	2535.0	CP-OFDM 64 QAM	52@0	9.2769	9.849
7	15	10	507000	2535.0	CP-OFDM 256 QAM	52@0	9.2975	10.42
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.098	14.78
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.076	14.95
7	15	15	507000	2535.0	CP-OFDM 64 QAM	79@0	14.109	14.8
7	15	15	507000	2535.0	CP-OFDM 256 QAM	79@0	14.116	14.95
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.922	20.4
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.961	19.75
7	15	20	507000	2535.0	CP-OFDM 64 QAM	106@0	18.911	19.81
7	15	20	507000	2535.0	CP-OFDM 256 QAM	106@0	18.938	20.56
7	15	25	507000	2535.0	CP-OFDM QPSK	133@0	23.739	24.71
7	15	25	507000	2535.0	CP-OFDM 16 QAM	133@0	23.723	24.74
7	15	25	507000	2535.0	CP-OFDM 64 QAM	133@0	23.747	24.8
7	15	25	507000	2535.0	CP-OFDM 256 QAM	133@0	23.759	24.76
7	15	30	507000	2535.0	CP-OFDM QPSK	160@0	28.594	29.66
7	15	30	507000	2535.0	CP-OFDM 16 QAM	160@0	28.568	29.74



7	15	30	507000	2535.0	CP-OFDM 64 QAM	160@0	28.532	30.16
7	15	30	507000	2535.0	CP-OFDM 256 QAM	160@0	28.54	29.68
7	15	35	507000	2535.0	CP-OFDM QPSK	188@0	33.575	34.91
7	15	35	507000	2535.0	CP-OFDM 16 QAM	188@0	33.554	34.91
7	15	35	507000	2535.0	CP-OFDM 64 QAM	188@0	33.505	34.81
7	15	35	507000	2535.0	CP-OFDM 256 QAM	188@0	33.644	34.93
7	15	40	507000	2535.0	CP-OFDM QPSK	216@0	38.575	39.89
7	15	40	507000	2535.0	CP-OFDM 16 QAM	216@0	38.505	39.93
7	15	40	507000	2535.0	CP-OFDM 64 QAM	216@0	38.586	40.0
7	15	40	507000	2535.0	CP-OFDM 256 QAM	216@0	38.628	39.84
7	15	50	507000	2535.0	CP-OFDM QPSK	270@0	48.158	49.78
7	15	50	507000	2535.0	CP-OFDM 16 QAM	270@0	47.954	49.85
7	15	50	507000	2535.0	CP-OFDM 64 QAM	270@0	48.13	49.7
7	15	50	507000	2535.0	CP-OFDM 256 QAM	270@0	48.244	49.69



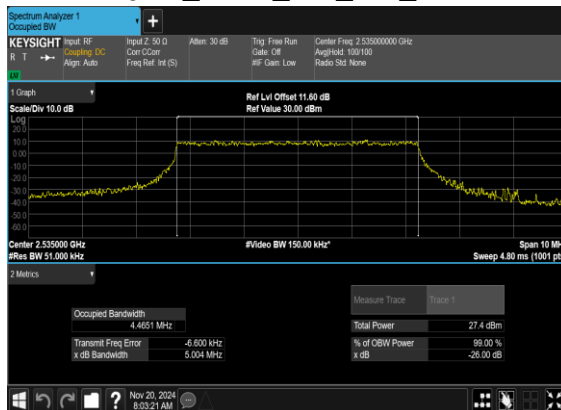
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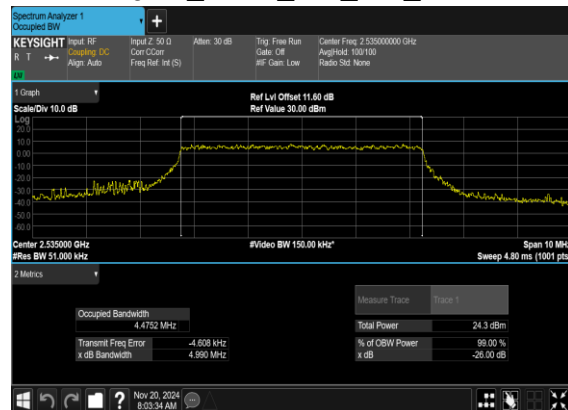
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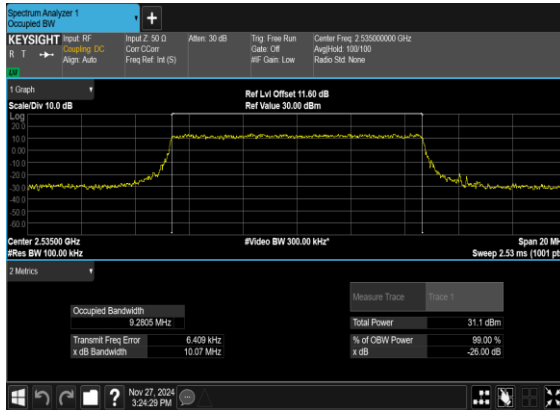


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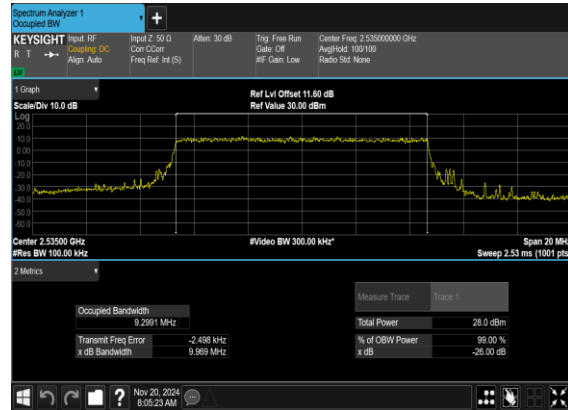




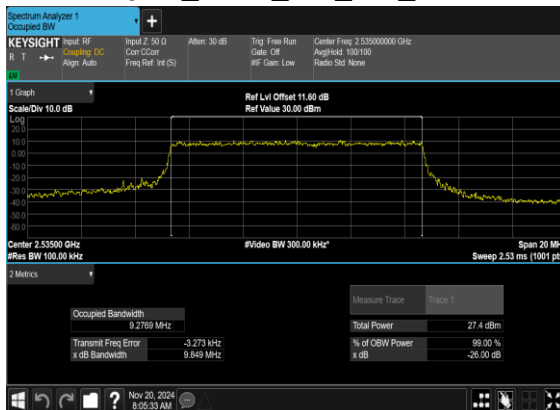
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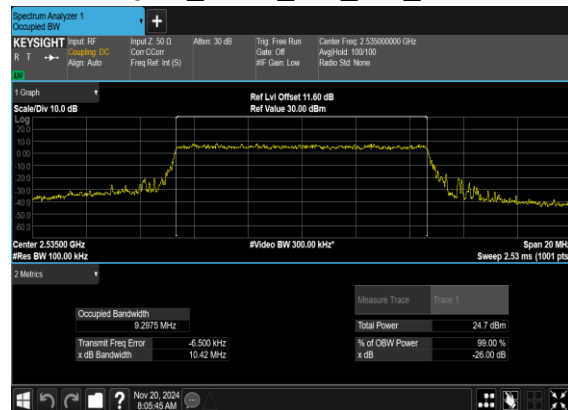
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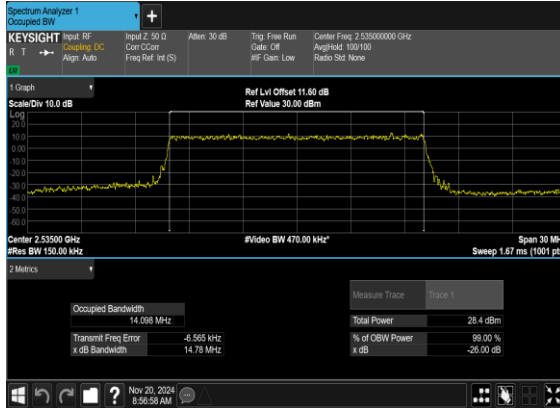


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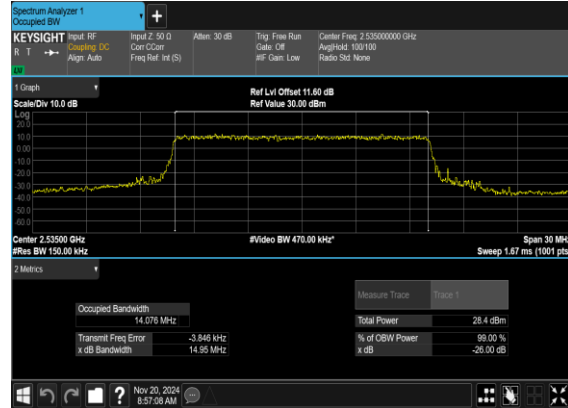




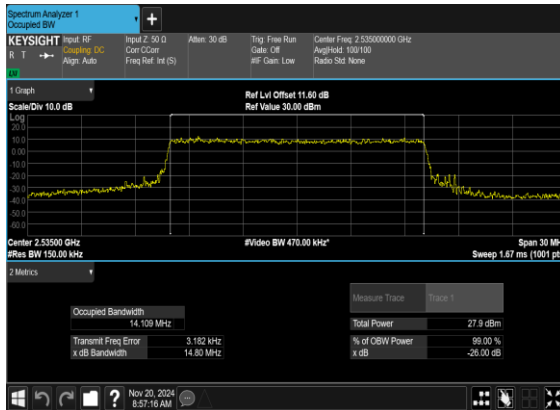
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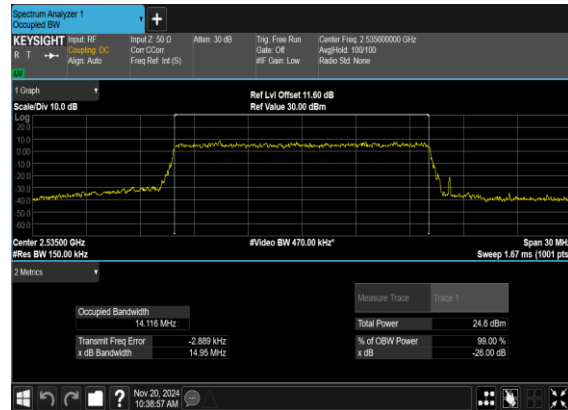
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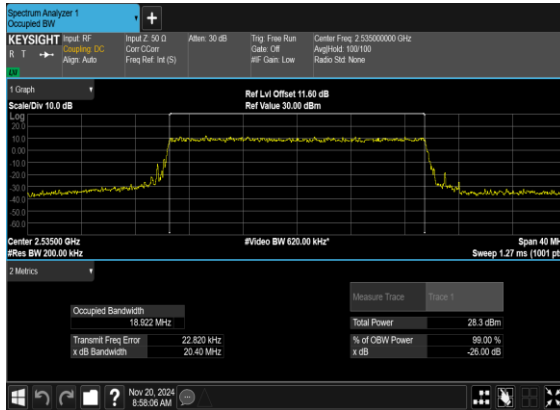


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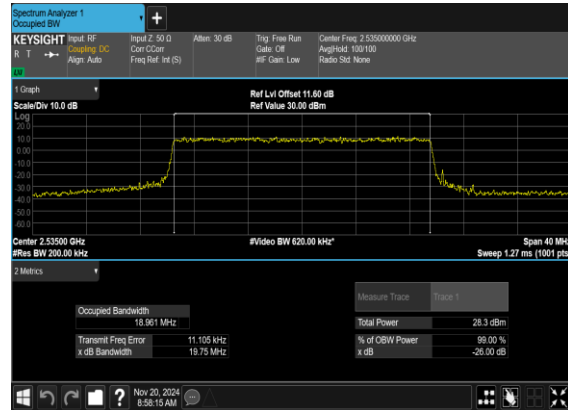




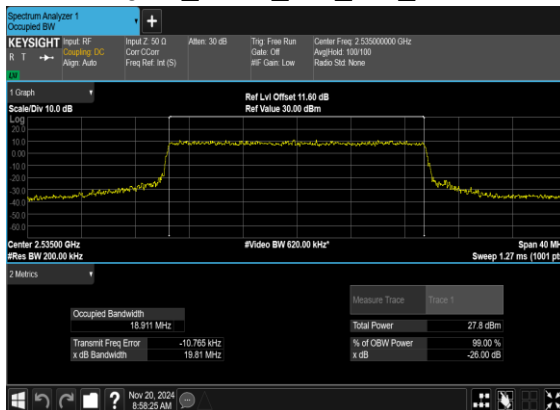
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QAM_Outer_Full_Mid_CH



N7(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N7(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

