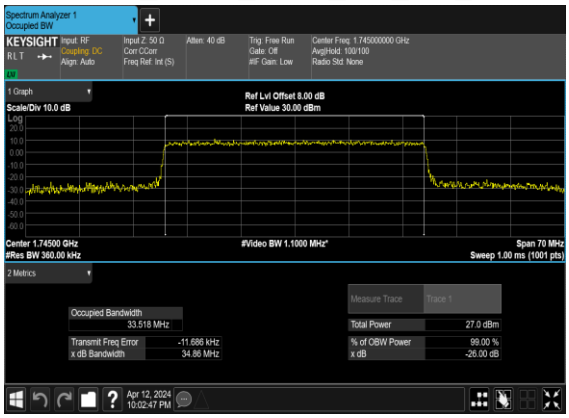
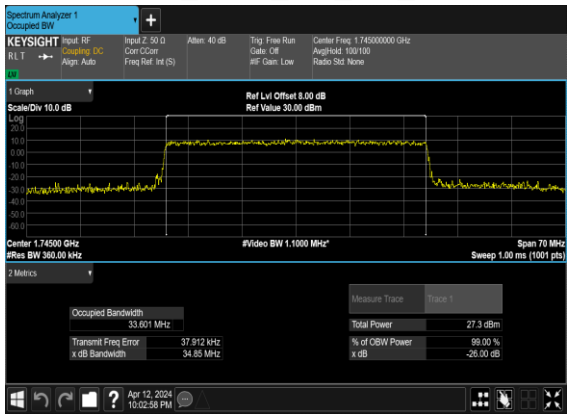
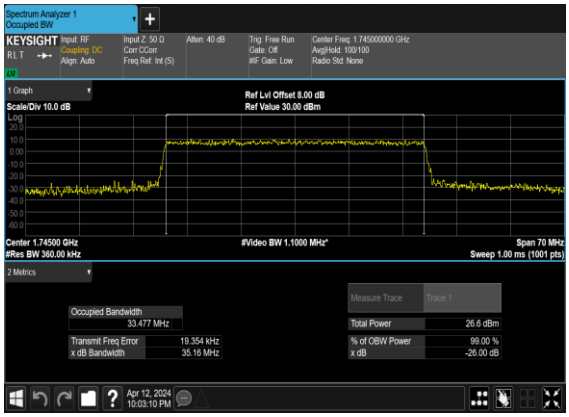
B5_N66(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



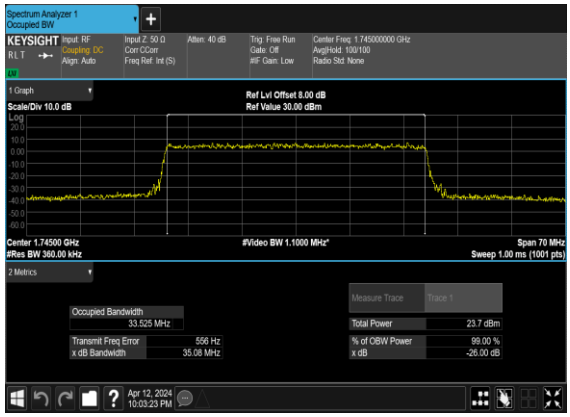
B5_N66(35M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



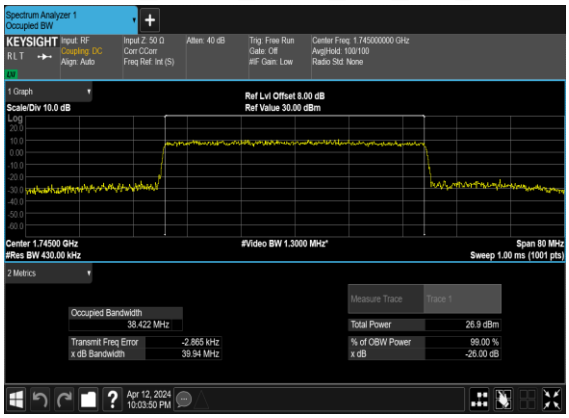
B5_N66(35M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



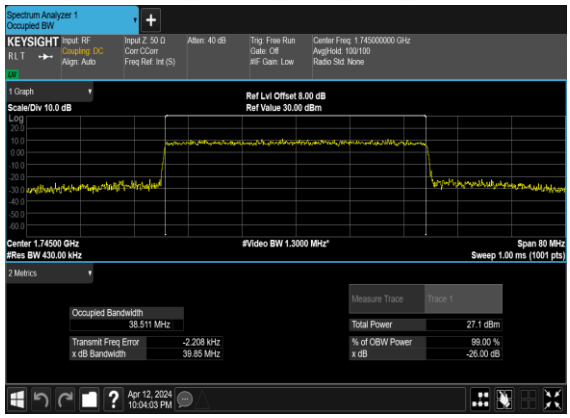
B5_N66(35M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



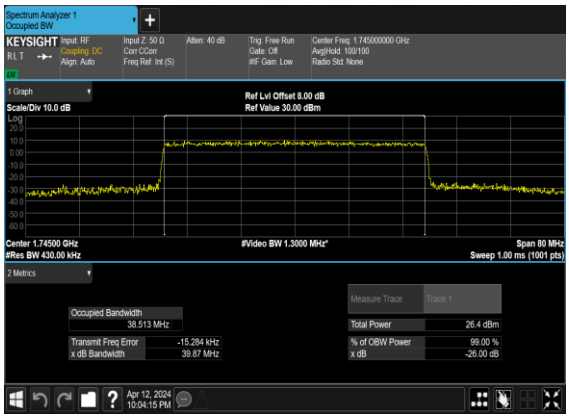
B5_N66(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



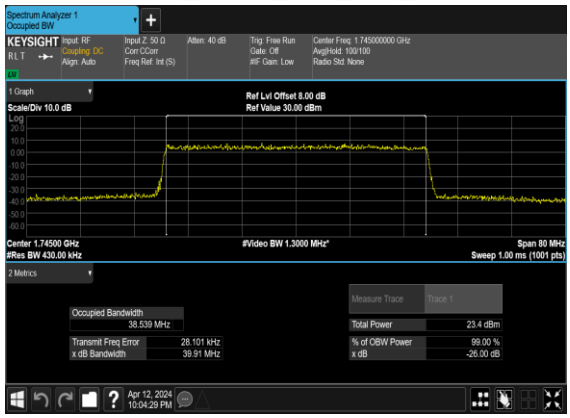
B5_N66(40M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



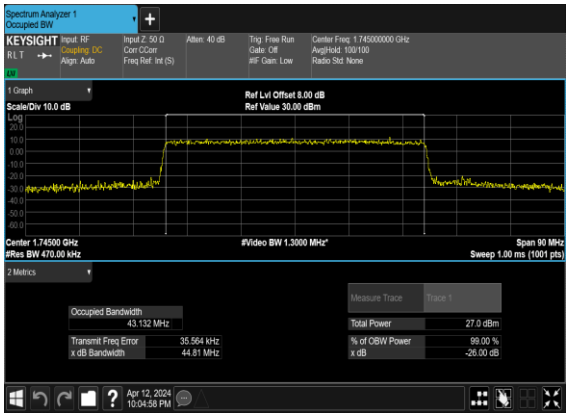
B5_N66(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



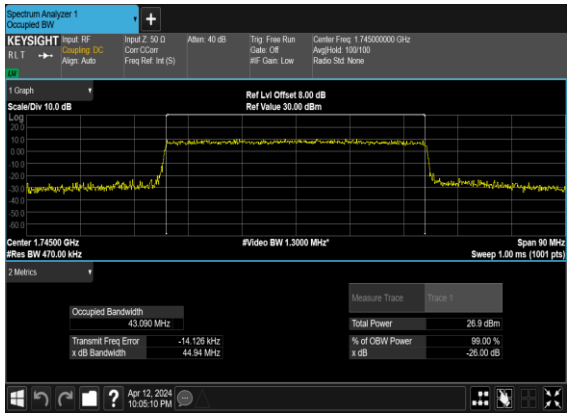
B5_N66(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



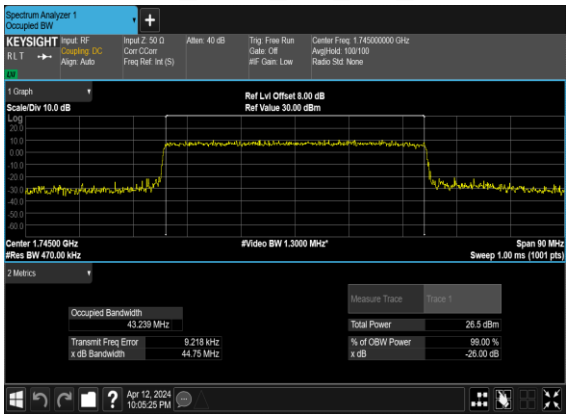
B5_N66(45M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B5_N66(45M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



B5_N66(45M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

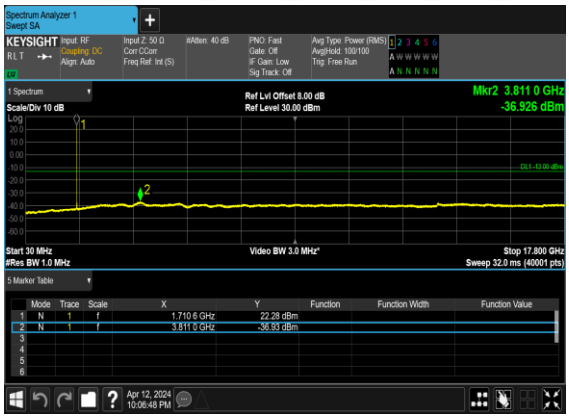


B5_N66(45M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

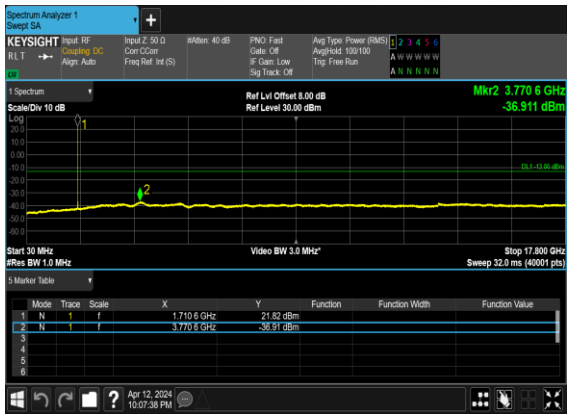
Conducted Spurious Emissions

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	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	25	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	25	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	45	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	45	349000	1745.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

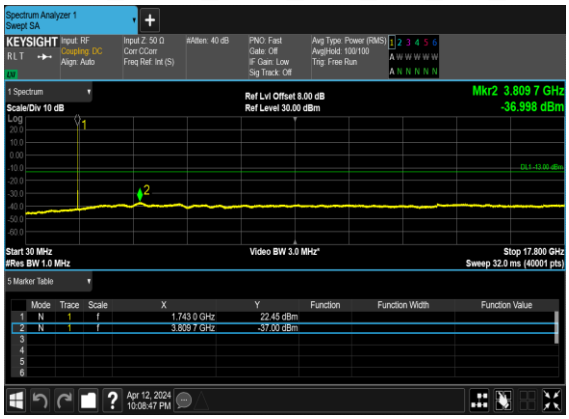
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



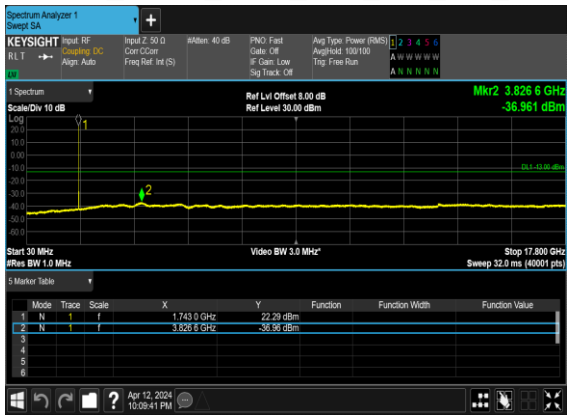
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



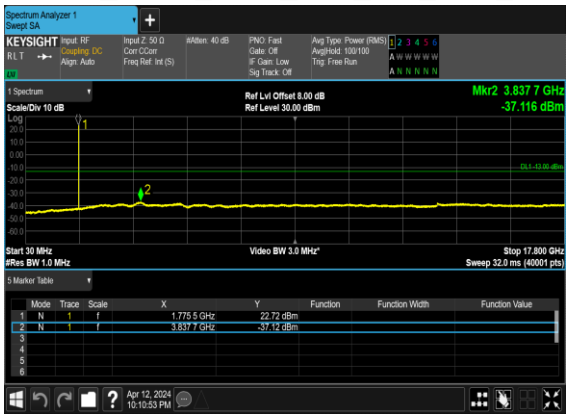
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



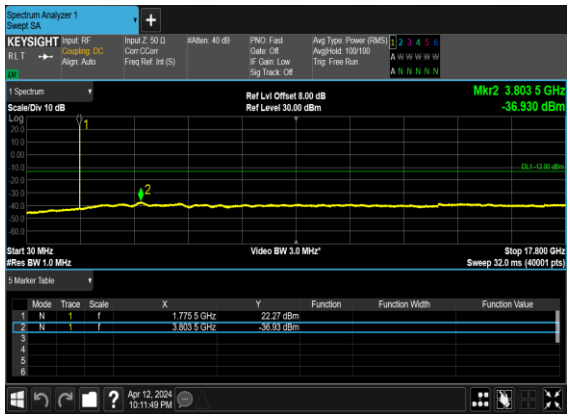
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



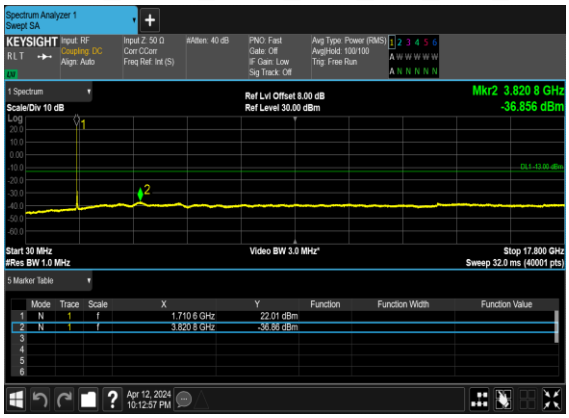
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



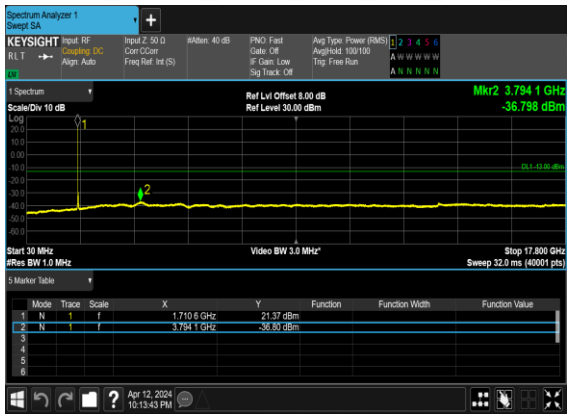
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



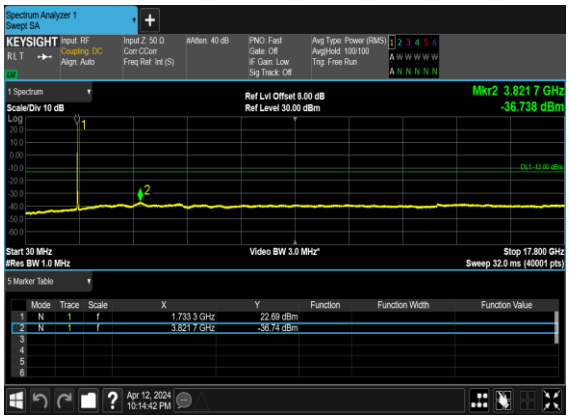
B5_N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



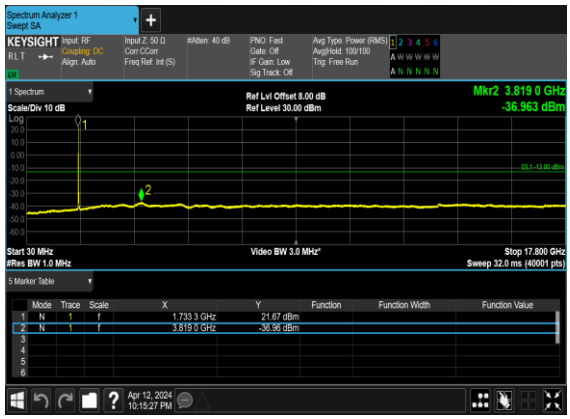
B5_N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



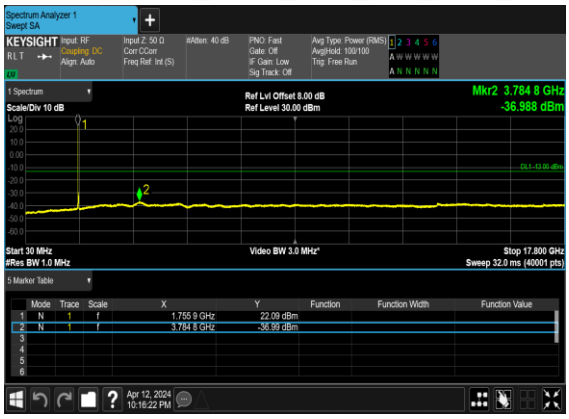
B5_N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



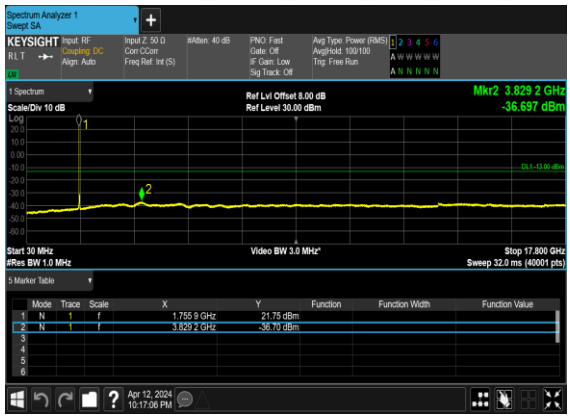
B5_N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



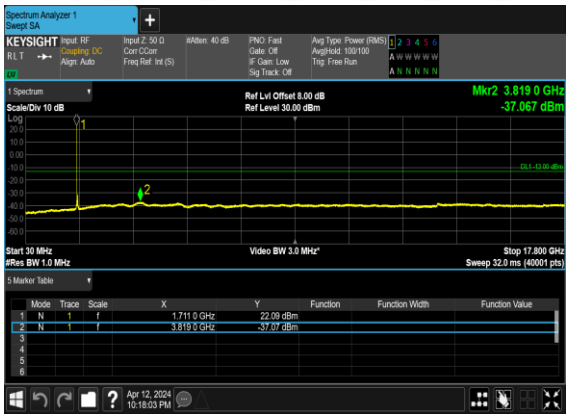
B5_N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



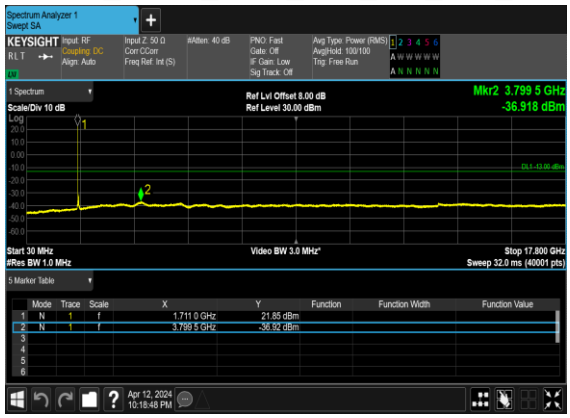
B5_N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



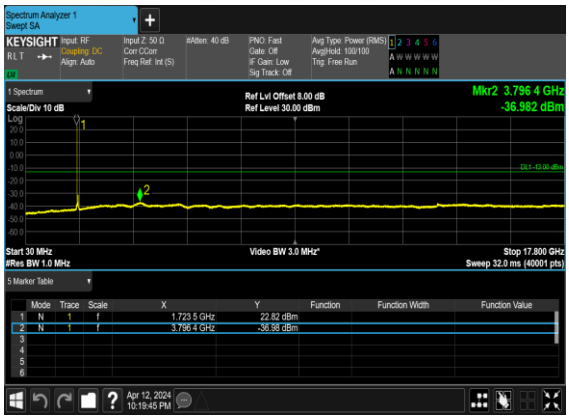
B5_N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



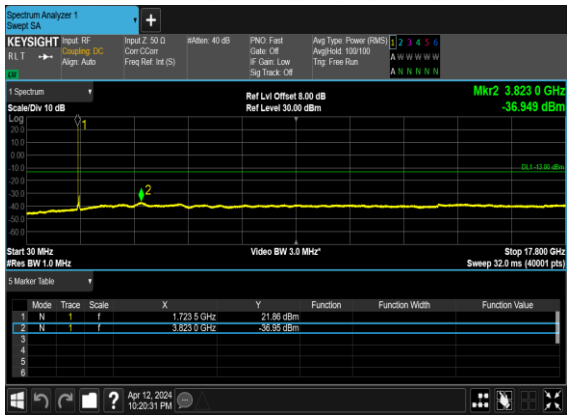
B5_N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



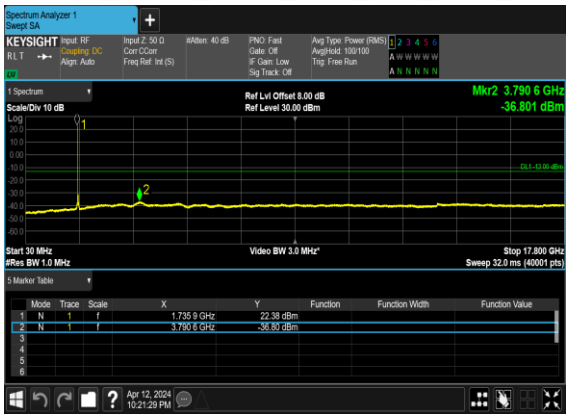
B5_N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



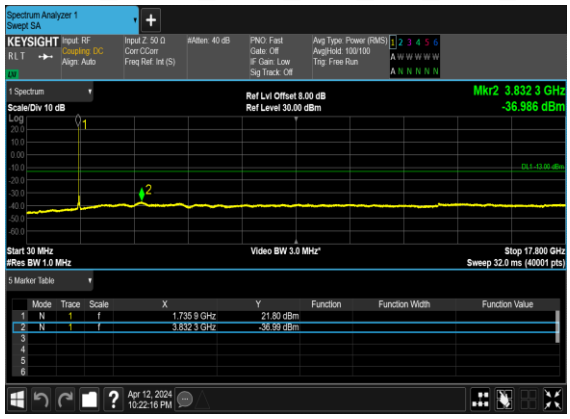
B5_N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



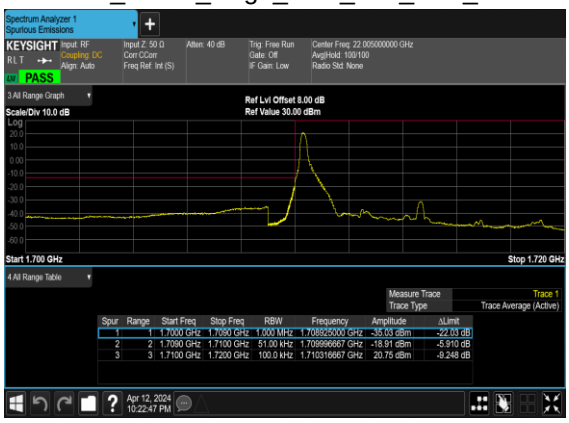
B5_N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



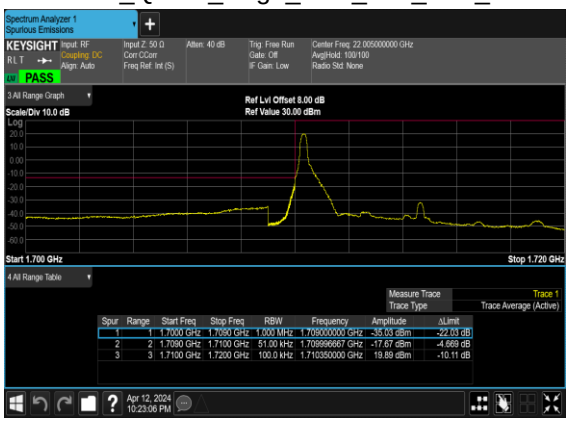
Conducted Band Edge

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	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	240@0	see graph	**PASS**
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@241	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@241	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	240@0	see graph	**PASS**
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	see graph	**PASS**

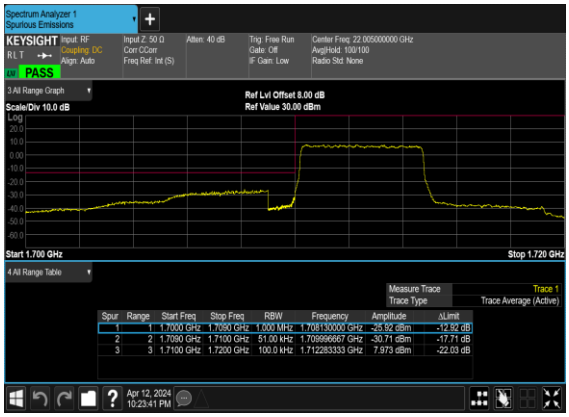
B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



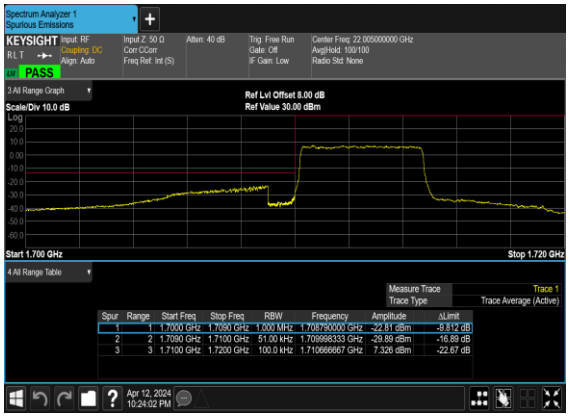
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



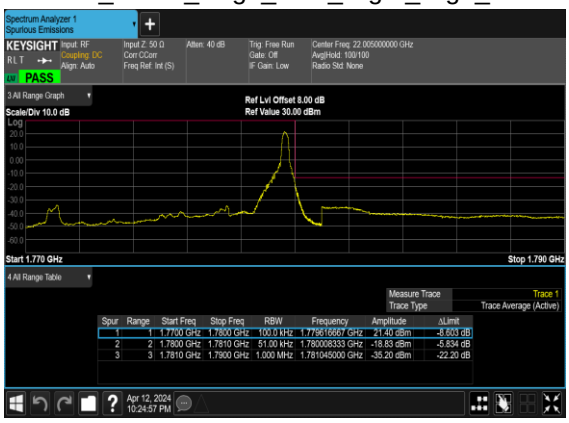
B5_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



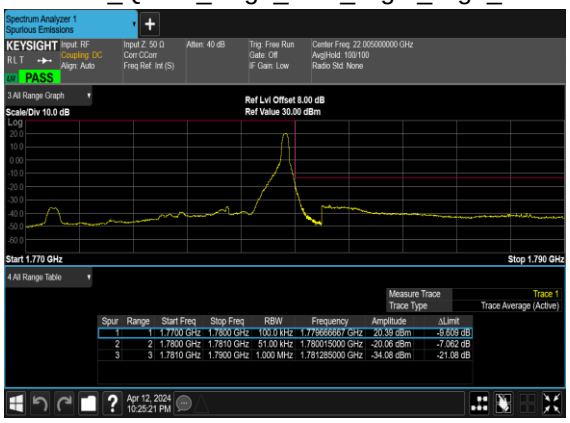
B5_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B5_N66(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



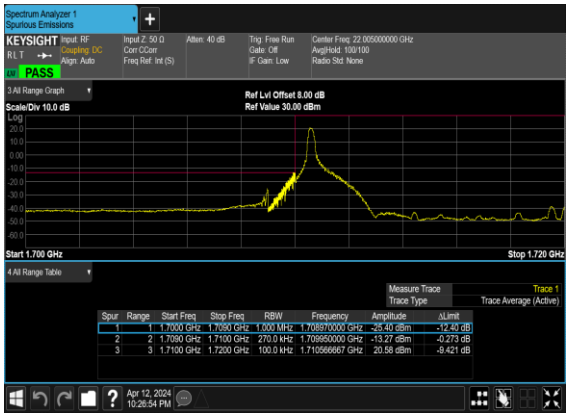
B5_N66(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



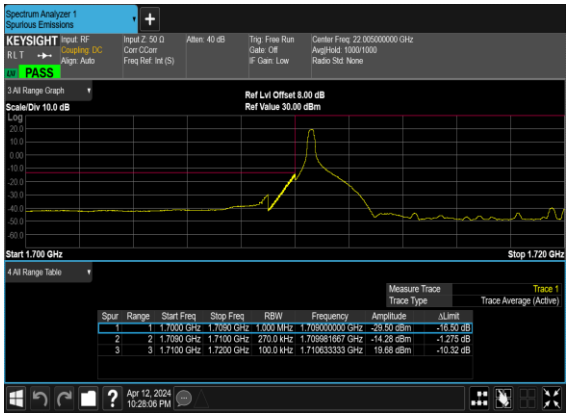
B5_N66(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

B5_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

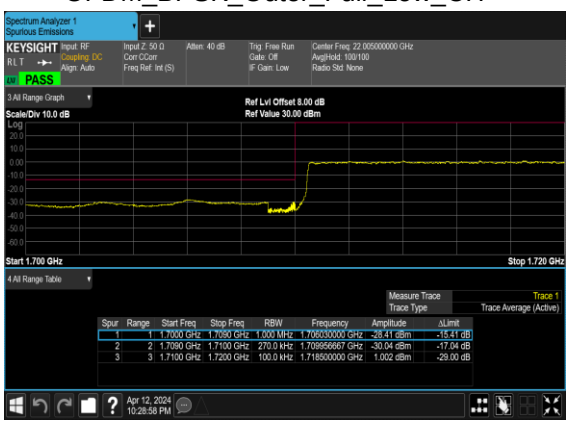
B5_N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



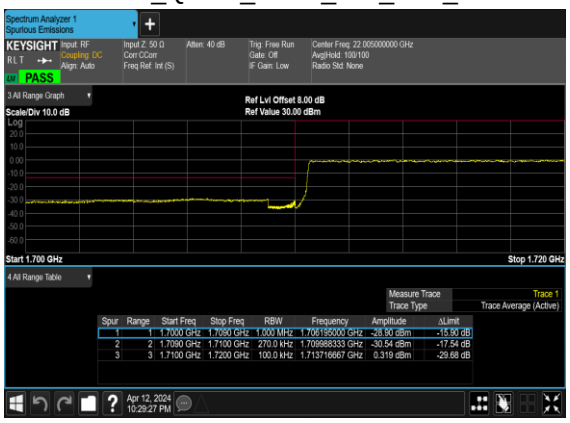
B5_N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



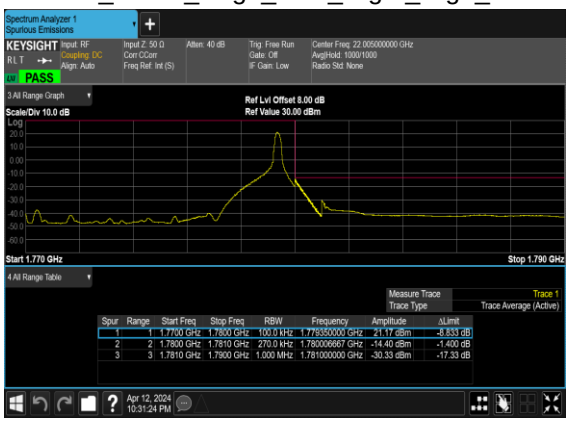
B5_N66(25M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



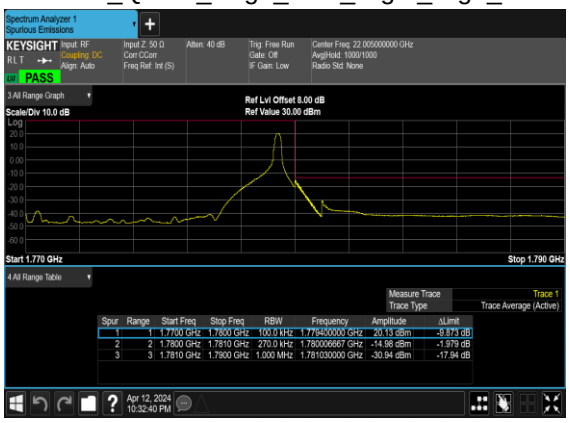
B5_N66(25M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B5_N66(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

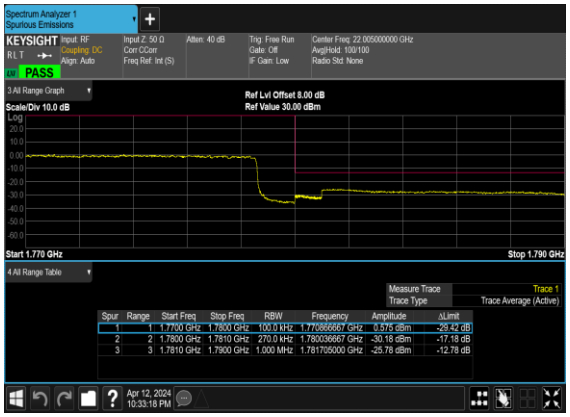


B5_N66(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



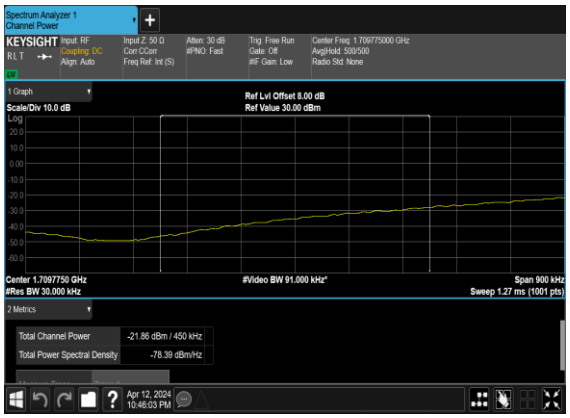
B5_N66(25M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

B5_N66(25M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



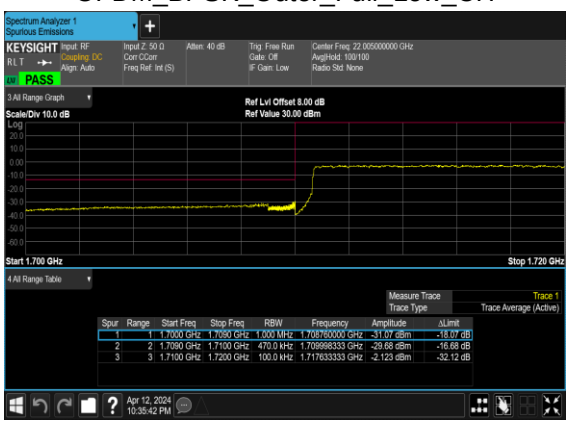
B5_N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

B5_N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



B5_N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

B5_N66(45M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



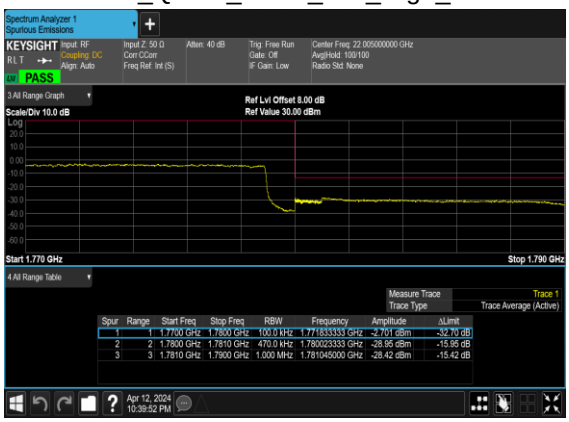
B5_N66(45M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

B5_N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

B5_N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

B5_N66(45M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

B5_N66(45M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

FR1 N71- SCS 15k

Transmitter Conducted Output Power And ERP, (G_T - L_C)=3dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP (W)
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	23.14	23.99	0.2506
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	21.67	22.52	0.1786
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	23.14	23.99	0.2506
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.78	22.63	0.1832
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	23.24	24.09	0.2564
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	21.8	22.65	0.1841
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	22.97	23.82	0.2410
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	21.57	22.42	0.1746
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	23.05	23.9	0.2455
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.76	22.61	0.1824
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	23.04	23.89	0.2449
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	21.7	22.55	0.1799
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	23.06	23.91	0.2460
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	21.61	22.46	0.1762
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	23.24	24.09	0.2564
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.83	22.68	0.1854
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	23.12	23.97	0.2495
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	21.8	22.65	0.1841
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	50@25	23.17	24.02	0.2523
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	22.81	23.66	0.2323
71	15	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@104	23.29	24.14	0.2594
71	15	20	134600	673	DFT-s-OFDM QPSK	50@25	23.18	24.03	0.2529
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	22.95	23.8	0.2399
71	15	20	134600	673	DFT-s-OFDM QPSK	1@104	23.1	23.95	0.2483
71	15	20	134600	673	DFT-s-OFDM 16 QAM	50@25	22.22	23.07	0.2028
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	21.55	22.4	0.1738
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@104	21.83	22.68	0.1854
71	15	20	134600	673	DFT-s-OFDM 64 QAM	50@25	20.7	21.55	0.1429
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@1	20.4	21.25	0.1334
71	15	20	134600	673	DFT-s-OFDM 64 QAM	1@104	20.7	21.55	0.1429
71	15	20	134600	673	DFT-s-OFDM 256 QAM	50@25	18.75	19.6	0.0912
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@1	18.29	19.14	0.0820
71	15	20	134600	673	DFT-s-OFDM 256 QAM	1@104	18.65	19.5	0.0891
71	15	20	134600	673	CP-OFDM QPSK	53@26	21.72	22.57	0.1807
71	15	20	134600	673	CP-OFDM QPSK	1@1	21.32	22.17	0.1648
71	15	20	134600	673	CP-OFDM QPSK	1@104	21.63	22.48	0.1770
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	50@25	23.24	24.09	0.2564
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	23.06	23.91	0.2460

71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@104	23.12	23.97	0.2495
71	15	20	136100	680.5	DFT-s-OFDM QPSK	50@25	23.27	24.12	0.2582
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	23.08	23.93	0.2472
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@104	23.15	24	0.2512
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	50@25	22.27	23.12	0.2051
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	21.69	22.54	0.1795
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@104	21.76	22.61	0.1824
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	50@25	20.75	21.6	0.1445
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	20.57	21.42	0.1387
71	15	20	136100	680.5	DFT-s-OFDM 64 QAM	1@104	20.69	21.54	0.1426
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	50@25	18.81	19.66	0.0925
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	18.43	19.28	0.0847
71	15	20	136100	680.5	DFT-s-OFDM 256 QAM	1@104	18.52	19.37	0.0865
71	15	20	136100	680.5	CP-OFDM QPSK	53@26	21.81	22.66	0.1845
71	15	20	136100	680.5	CP-OFDM QPSK	1@1	21.53	22.38	0.1730
71	15	20	136100	680.5	CP-OFDM QPSK	1@104	21.55	22.4	0.1738
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	50@25	23.26	24.11	0.2576
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.19	24.04	0.2535
71	15	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@104	23.16	24.01	0.2518
71	15	20	137600	688	DFT-s-OFDM QPSK	50@25	23.3	24.15	0.2600
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	23.12	23.97	0.2495
71	15	20	137600	688	DFT-s-OFDM QPSK	1@104	23.09	23.94	0.2477
71	15	20	137600	688	DFT-s-OFDM 16 QAM	50@25	22.25	23.1	0.2042
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	21.79	22.64	0.1837
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@104	21.78	22.63	0.1832
71	15	20	137600	688	DFT-s-OFDM 64 QAM	50@25	20.78	21.63	0.1455
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@1	20.72	21.57	0.1435
71	15	20	137600	688	DFT-s-OFDM 64 QAM	1@104	20.72	21.57	0.1435
71	15	20	137600	688	DFT-s-OFDM 256 QAM	50@25	18.79	19.64	0.0920
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@1	18.55	19.4	0.0871
71	15	20	137600	688	DFT-s-OFDM 256 QAM	1@104	18.57	19.42	0.0875
71	15	20	137600	688	CP-OFDM QPSK	53@26	21.74	22.59	0.1816
71	15	20	137600	688	CP-OFDM QPSK	1@1	21.61	22.46	0.1762
71	15	20	137600	688	CP-OFDM QPSK	1@104	21.54	22.39	0.1734

FR1 N71- SCS 30k

Transmitter Conducted Output Power And ERP, (G_T - L_C)=3dBi

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	ERP (dBm)	ERP(W)
71	30	10	133600	668	DFT-s-OFDM QPSK	1@1	22.89	23.74	0.2366
71	30	10	133600	668	DFT-s-OFDM 16 QAM	1@1	22.07	22.92	0.1959
71	30	10	136100	680.5	DFT-s-OFDM QPSK	1@1	23.07	23.92	0.2466
71	30	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.11	22.96	0.1977
71	30	10	138600	693	DFT-s-OFDM QPSK	1@1	23.05	23.9	0.2455
71	30	10	138600	693	DFT-s-OFDM 16 QAM	1@1	22.05	22.9	0.1950
71	30	15	134100	670.5	DFT-s-OFDM QPSK	1@1	22.86	23.71	0.2350
71	30	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	21.95	22.8	0.1905
71	30	15	136100	680.5	DFT-s-OFDM QPSK	1@1	23.05	23.9	0.2455
71	30	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.1	22.95	0.1972
71	30	15	138100	690.5	DFT-s-OFDM QPSK	1@1	23.14	23.99	0.2506
71	30	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	22.14	22.99	0.1991
71	30	20	134600	673	DFT-s-OFDM PI/2 BPSK	25@12	23.16	24.01	0.2518
71	30	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@1	22.85	23.7	0.2344
71	30	20	134600	673	DFT-s-OFDM PI/2 BPSK	1@49	23.15	24	0.2512
71	30	20	134600	673	DFT-s-OFDM QPSK	25@12	23.25	24.1	0.2570
71	30	20	134600	673	DFT-s-OFDM QPSK	1@1	22.9	23.75	0.2371
71	30	20	134600	673	DFT-s-OFDM QPSK	1@49	23.03	23.88	0.2443
71	30	20	134600	673	DFT-s-OFDM 16 QAM	25@12	22.11	22.96	0.1977
71	30	20	134600	673	DFT-s-OFDM 16 QAM	1@1	21.69	22.54	0.1795
71	30	20	134600	673	DFT-s-OFDM 16 QAM	1@49	21.6	22.45	0.1758
71	30	20	134600	673	DFT-s-OFDM 64 QAM	25@12	20.71	21.56	0.1432
71	30	20	134600	673	DFT-s-OFDM 64 QAM	1@1	20.43	21.28	0.1343
71	30	20	134600	673	DFT-s-OFDM 64 QAM	1@49	20.58	21.43	0.1390
71	30	20	134600	673	DFT-s-OFDM 256 QAM	25@12	18.78	19.63	0.0918
71	30	20	134600	673	DFT-s-OFDM 256 QAM	1@1	18.25	19.1	0.0813
71	30	20	134600	673	DFT-s-OFDM 256 QAM	1@49	18.52	19.37	0.0865
71	30	20	134600	673	CP-OFDM QPSK	25@12	21.76	22.61	0.1824
71	30	20	134600	673	CP-OFDM QPSK	1@1	21.28	22.13	0.1633
71	30	20	134600	673	CP-OFDM QPSK	1@49	21.59	22.44	0.1754
71	30	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	25@12	23.24	24.09	0.2564
71	30	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	22.99	23.84	0.2421
71	30	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@49	23.02	23.87	0.2438
71	30	20	136100	680.5	DFT-s-OFDM QPSK	25@12	23.24	24.09	0.2564
71	30	20	136100	680.5	DFT-s-OFDM QPSK	1@1	23.02	23.87	0.2438
71	30	20	136100	680.5	DFT-s-OFDM QPSK	1@49	23	23.85	0.2427
71	30	20	136100	680.5	DFT-s-OFDM 16 QAM	25@12	22.23	23.08	0.2032

71	30	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	22.3	23.15	0.2065
71	30	20	136100	680.5	DFT-s-OFDM 16 QAM	1@49	22.02	22.87	0.1936
71	30	20	136100	680.5	DFT-s-OFDM 64 QAM	25@12	20.85	21.7	0.1479
71	30	20	136100	680.5	DFT-s-OFDM 64 QAM	1@1	20.38	21.23	0.1327
71	30	20	136100	680.5	DFT-s-OFDM 64 QAM	1@49	20.39	21.24	0.1330
71	30	20	136100	680.5	DFT-s-OFDM 256 QAM	25@12	18.84	19.69	0.0931
71	30	20	136100	680.5	DFT-s-OFDM 256 QAM	1@1	18.33	19.18	0.0828
71	30	20	136100	680.5	DFT-s-OFDM 256 QAM	1@49	18.33	19.18	0.0828
71	30	20	136100	680.5	CP-OFDM QPSK	25@12	21.87	22.72	0.1871
71	30	20	136100	680.5	CP-OFDM QPSK	1@1	21.61	22.46	0.1762
71	30	20	136100	680.5	CP-OFDM QPSK	1@49	21.52	22.37	0.1726
71	30	20	137600	688	DFT-s-OFDM PI/2 BPSK	25@12	23.25	24.1	0.2570
71	30	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@1	23.14	23.99	0.2506
71	30	20	137600	688	DFT-s-OFDM PI/2 BPSK	1@49	22.99	23.84	0.2421
71	30	20	137600	688	DFT-s-OFDM QPSK	25@12	23.27	24.12	0.2582
71	30	20	137600	688	DFT-s-OFDM QPSK	1@1	23.07	23.92	0.2466
71	30	20	137600	688	DFT-s-OFDM QPSK	1@49	22.96	23.81	0.2404
71	30	20	137600	688	DFT-s-OFDM 16 QAM	25@12	22.23	23.08	0.2032
71	30	20	137600	688	DFT-s-OFDM 16 QAM	1@1	22.06	22.91	0.1954
71	30	20	137600	688	DFT-s-OFDM 16 QAM	1@49	21.96	22.81	0.1910
71	30	20	137600	688	DFT-s-OFDM 64 QAM	25@12	20.86	21.71	0.1483
71	30	20	137600	688	DFT-s-OFDM 64 QAM	1@1	20.5	21.35	0.1365
71	30	20	137600	688	DFT-s-OFDM 64 QAM	1@49	20.35	21.2	0.1318
71	30	20	137600	688	DFT-s-OFDM 256 QAM	25@12	18.86	19.71	0.0935
71	30	20	137600	688	DFT-s-OFDM 256 QAM	1@1	18.46	19.31	0.0853
71	30	20	137600	688	DFT-s-OFDM 256 QAM	1@49	18.33	19.18	0.0828
71	30	20	137600	688	CP-OFDM QPSK	25@12	21.82	22.67	0.1849
71	30	20	137600	688	CP-OFDM QPSK	1@1	21.58	22.43	0.1750
71	30	20	137600	688	CP-OFDM QPSK	1@49	21.45	22.3	0.1698

FR1 N71- SCS 15k

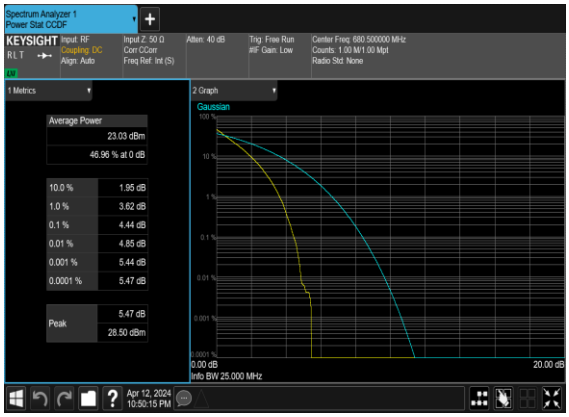
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0046	**PASS**	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0050	**PASS**	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0026	**PASS**	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0058	**PASS**	-30℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0022	**PASS**	-20℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0037	**PASS**	-10℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	0℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0024	**PASS**	10℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0046	**PASS**	20℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0036	**PASS**	30℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0062	**PASS**	40℃
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	0.0035	**PASS**	50℃

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	4.44	13	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	5.39	13	**PASS**

N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

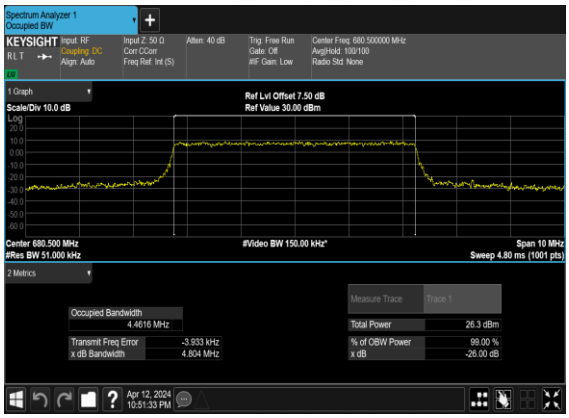


N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

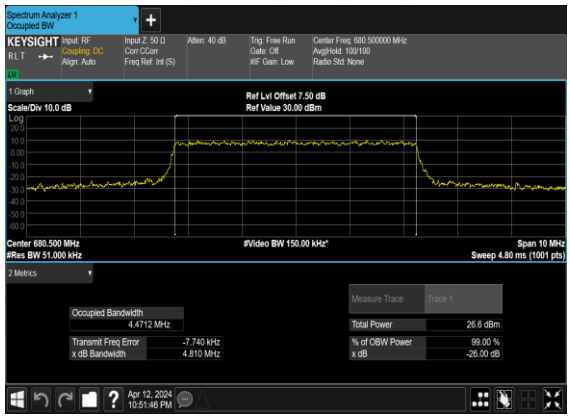
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4616	4.804
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4712	4.81
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4732	4.78
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4604	4.759
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2897	9.797
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.2934	9.771
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.296	9.767
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2988	9.909
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.107	14.66
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.107	14.75
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.119	14.74
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.147	14.76
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.952	19.86
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.904	19.87
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.978	19.69
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.942	19.79

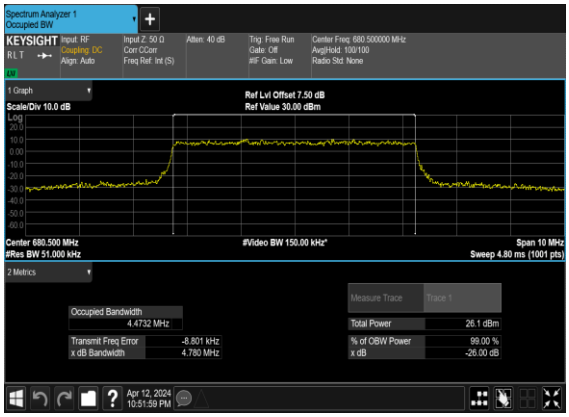
N71(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



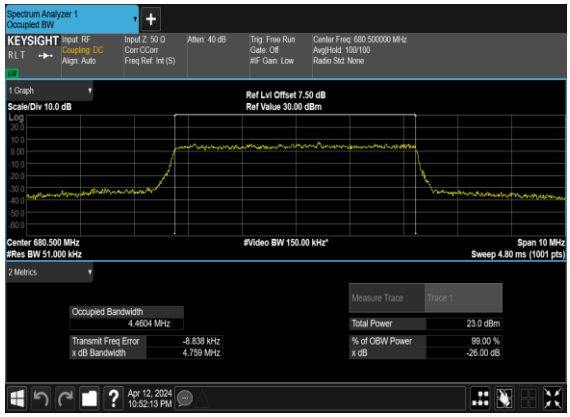
N71(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



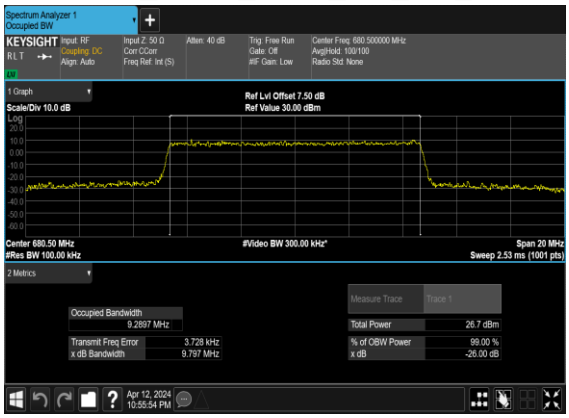
N71(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



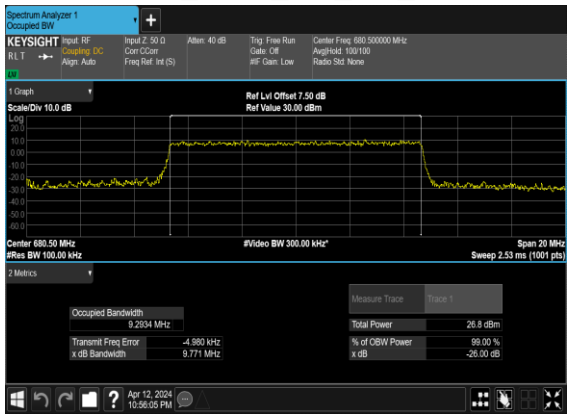
N71(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



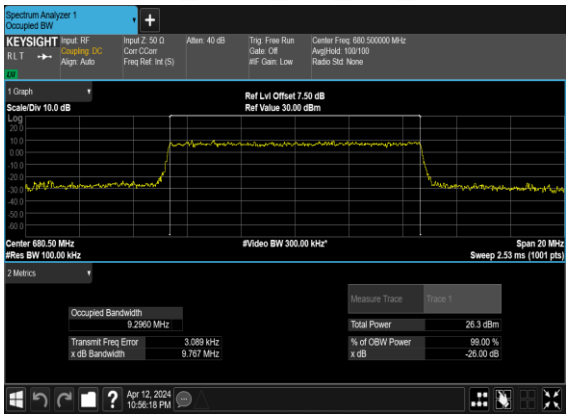
N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



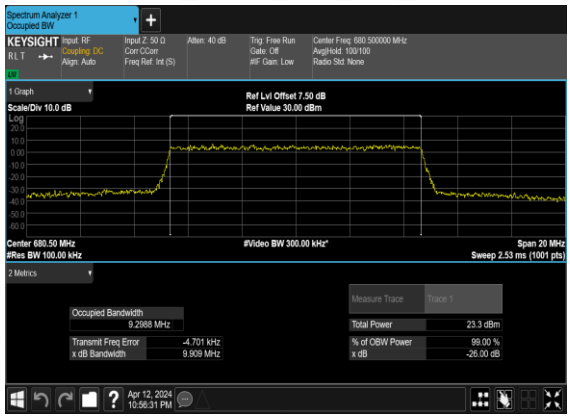
N71(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



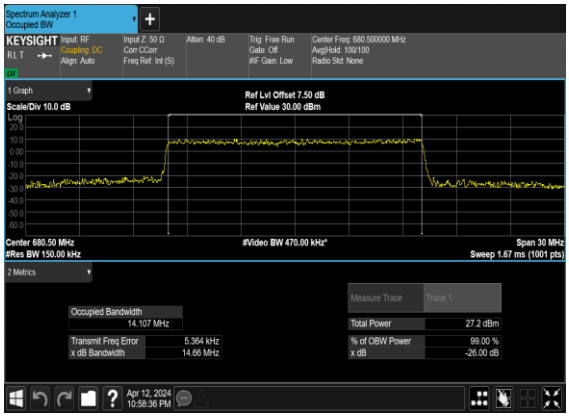
N71(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



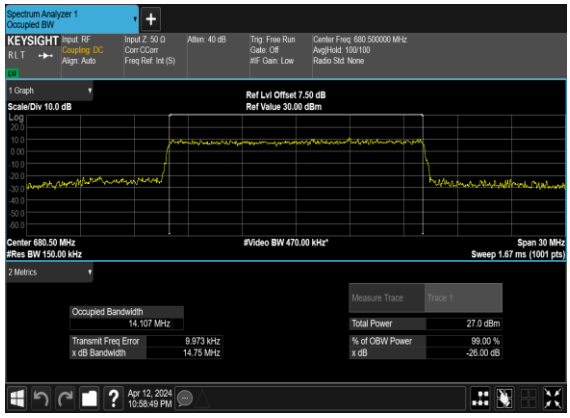
N71(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



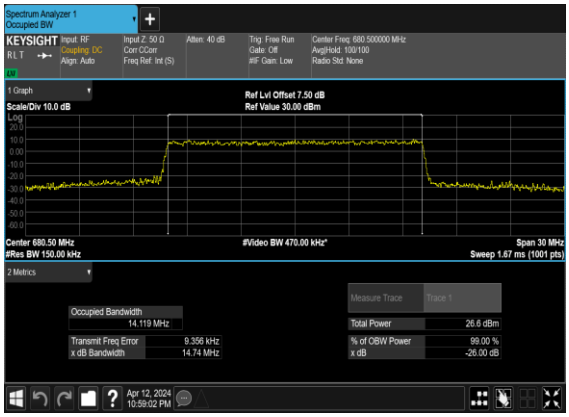
N71(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



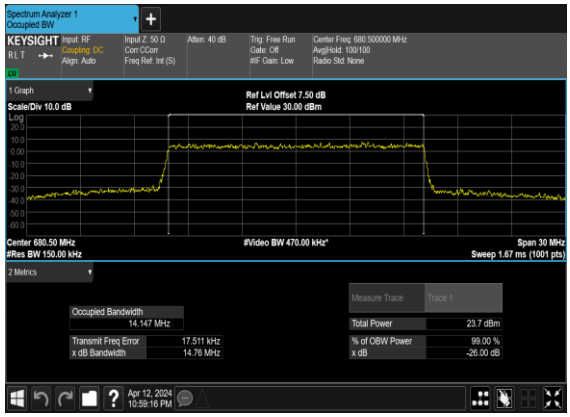
N71(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



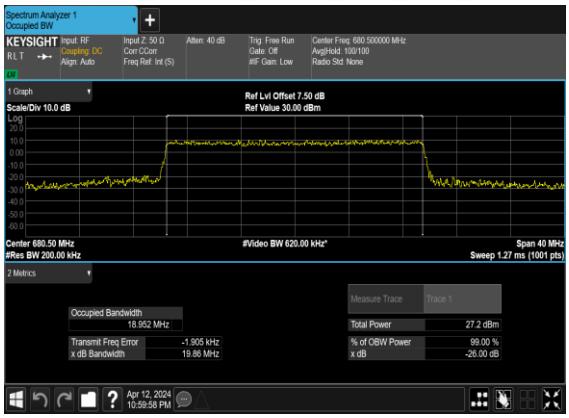
N71(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



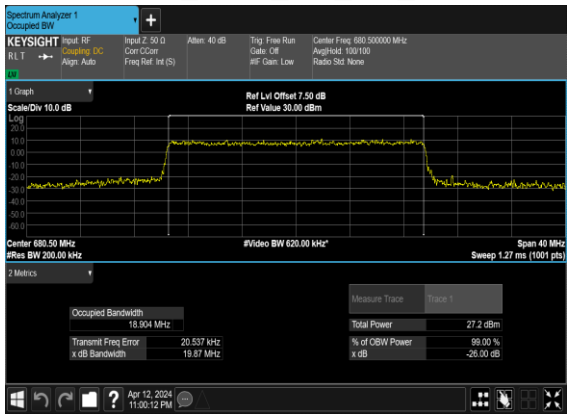
N71(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



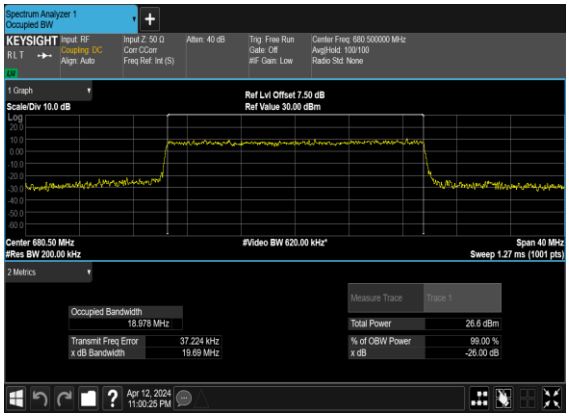
N71(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



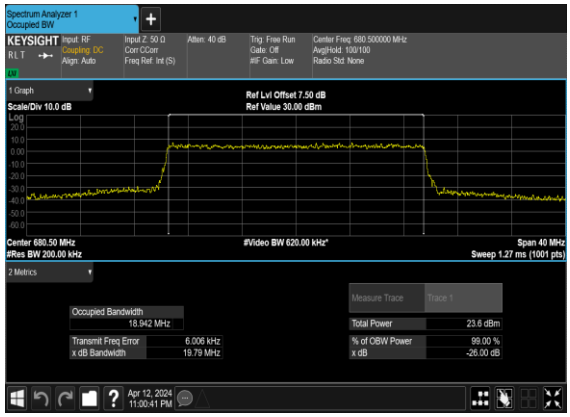
N71(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

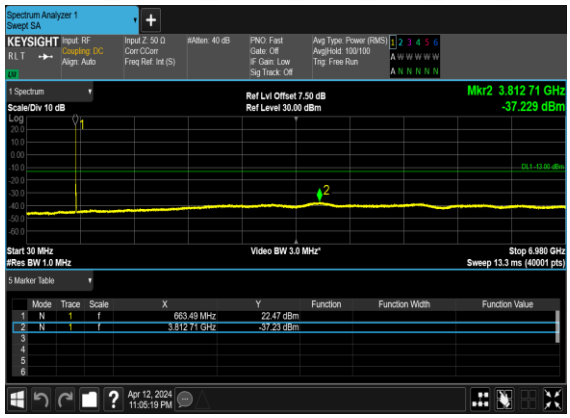


Conducted Spurious Emissions

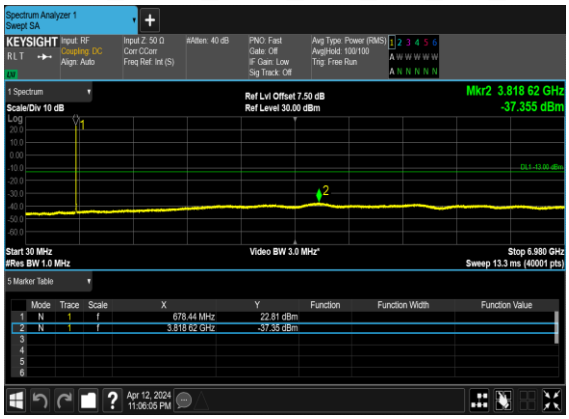
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	10	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	**---**
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	**---**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

B2_N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

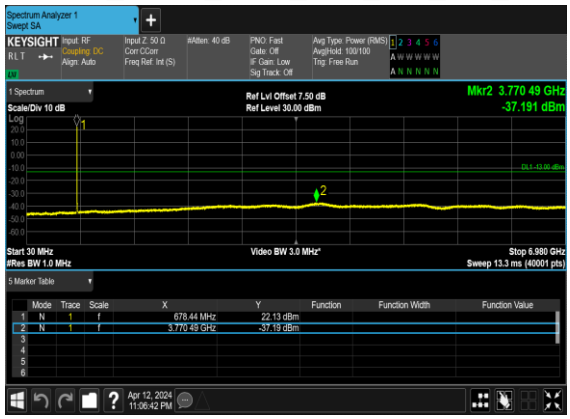
B2_N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



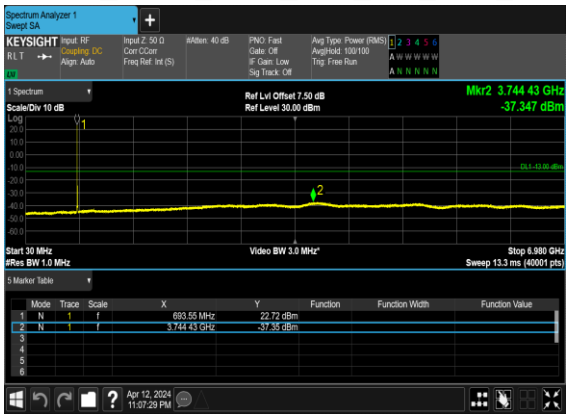
B2_N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



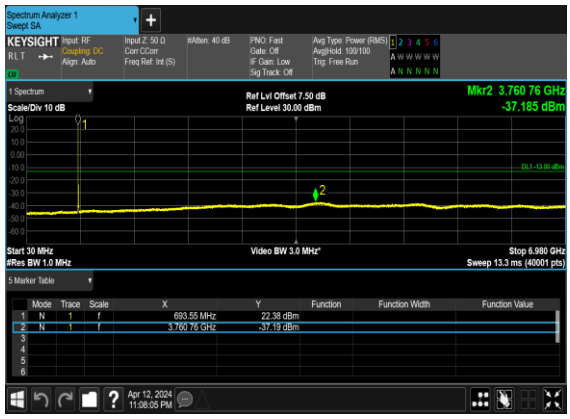
B2_N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



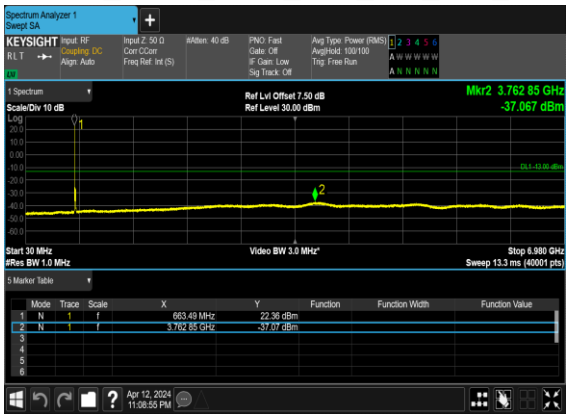
B2_N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



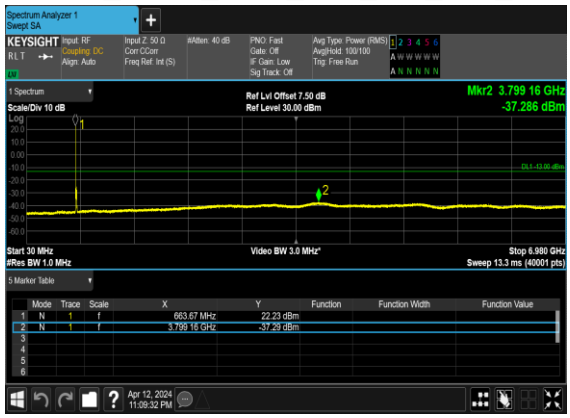
B2_N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



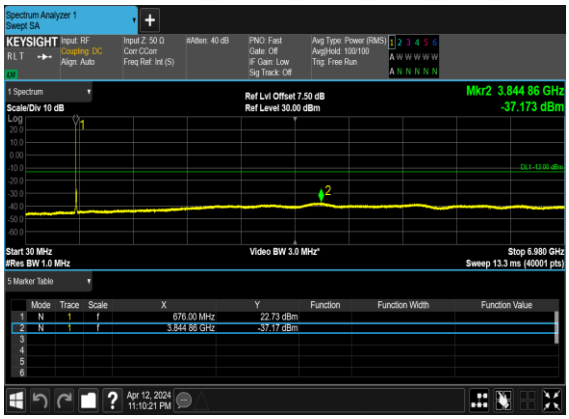
B2_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

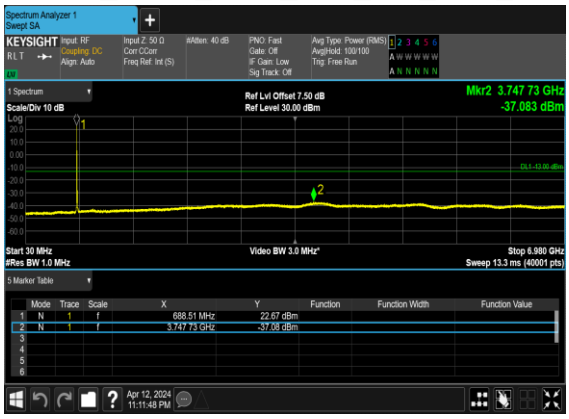


B2_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



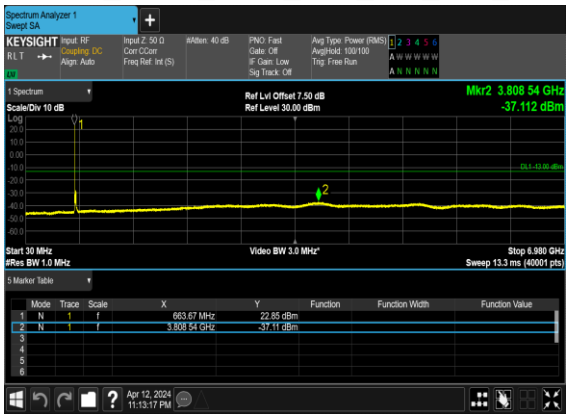
B2_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

B2_N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

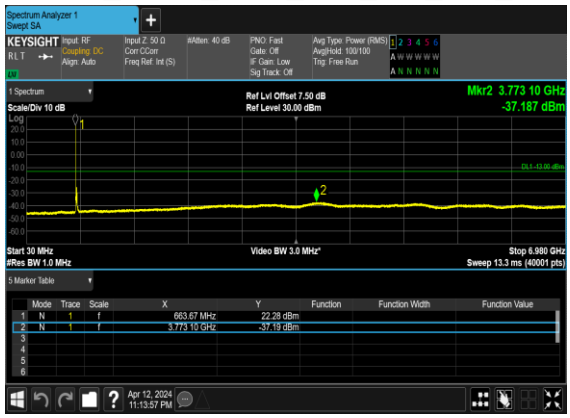


B2_N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

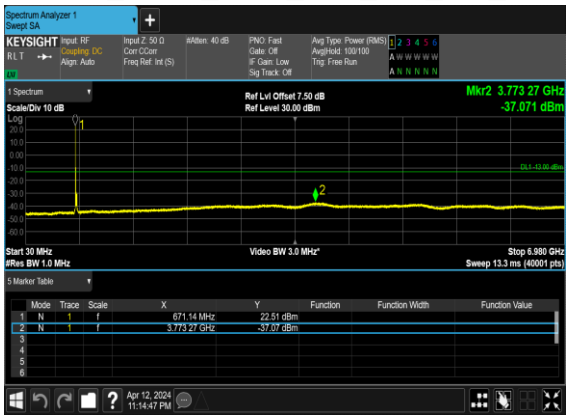
B2_N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B2_N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

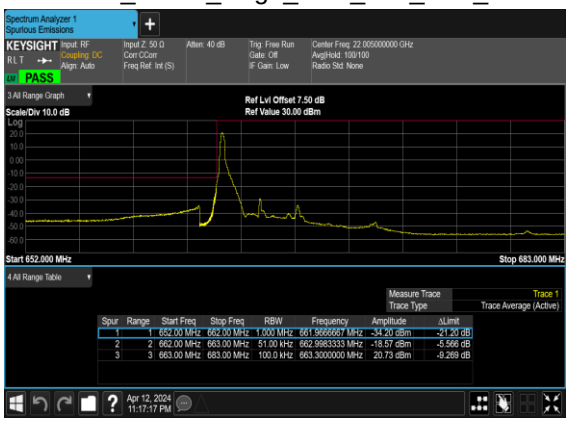
B2_N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

B2_N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

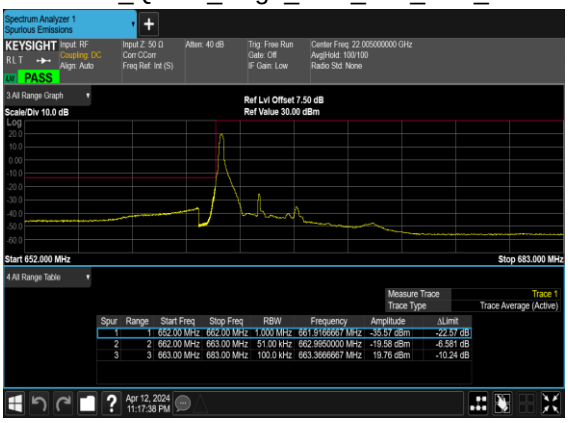
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	5	133100	665.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
71	15	5	133100	665.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
71	15	5	139100	695.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
71	15	10	133600	668.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
71	15	10	138600	693.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
71	15	20	134600	673.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@105	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@105	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM BPSK	100@0	see graph	**PASS**
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	see graph	**PASS**

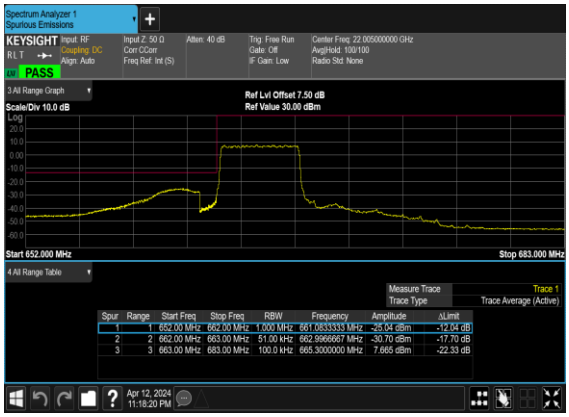
B2_N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



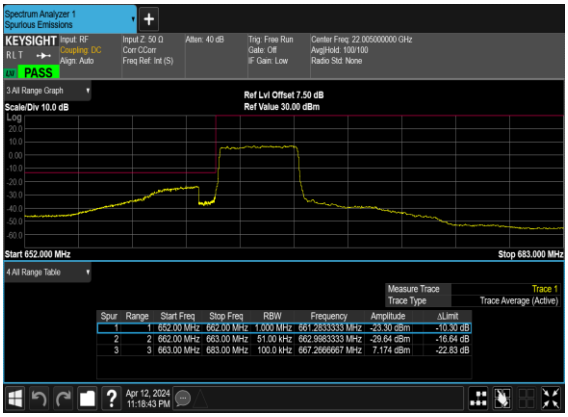
B2_N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



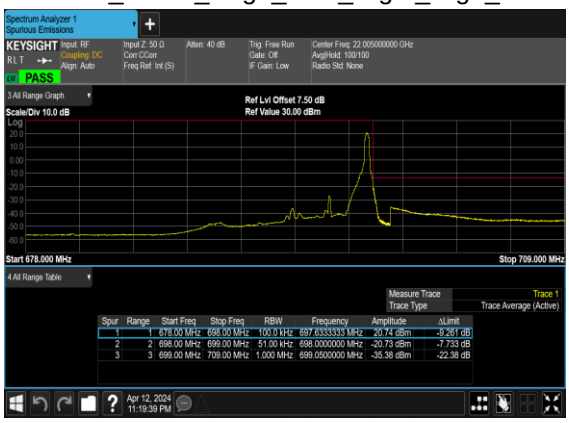
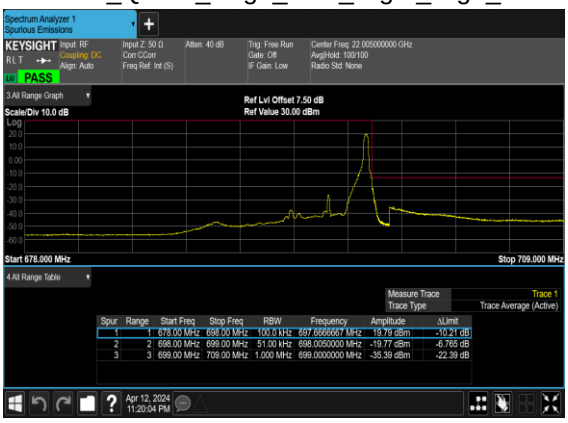
B2_N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B2_N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B2_N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B2_N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH