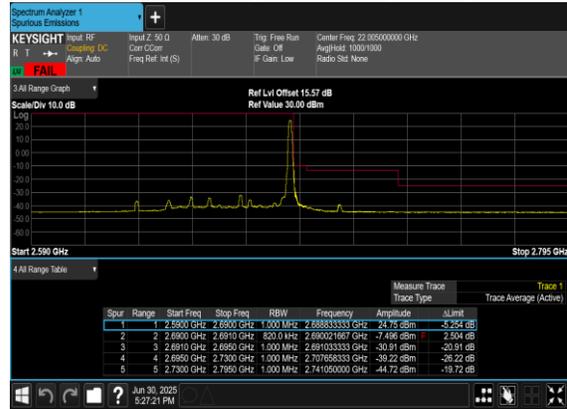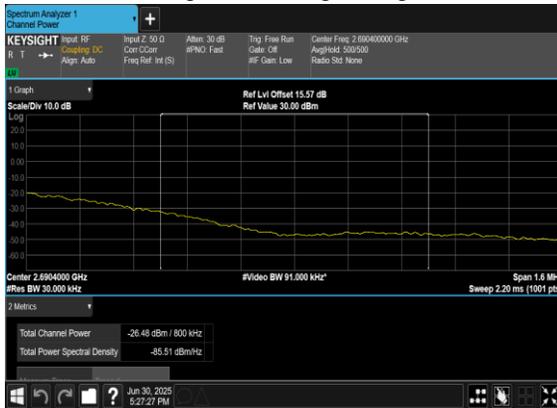N41(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

N41(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

N41(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**

N41(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

N41(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH**_CHP_PASS_**

N41(40M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N41(40M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH
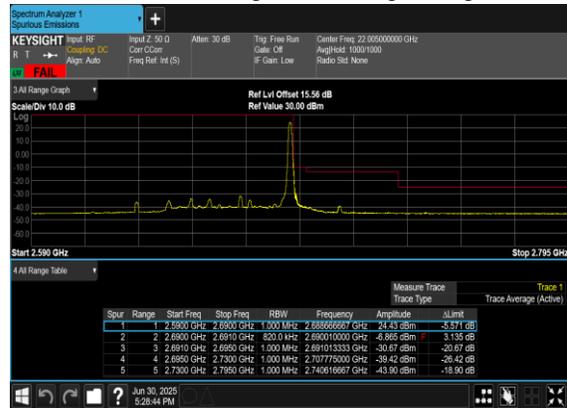

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_{CHP_PASS}

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_{CHP_PASS}

N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_CHP_PASS
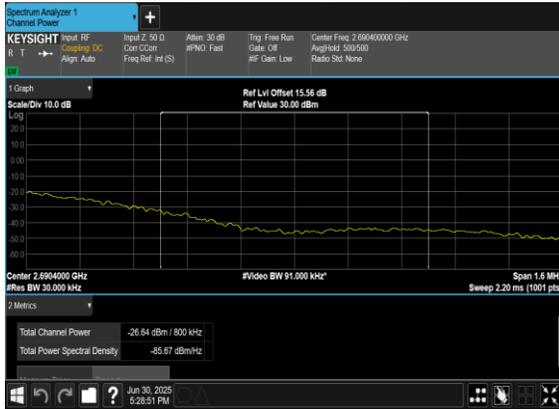

N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH
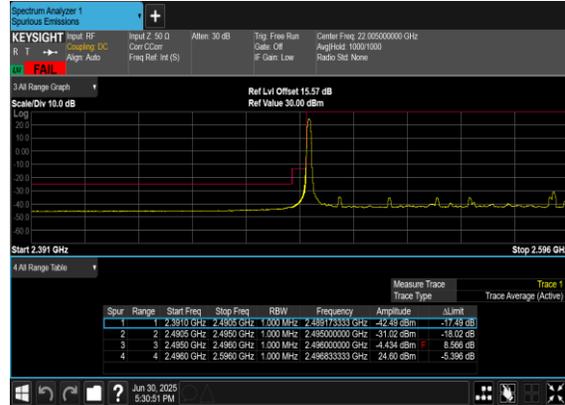
N41(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**

N41(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

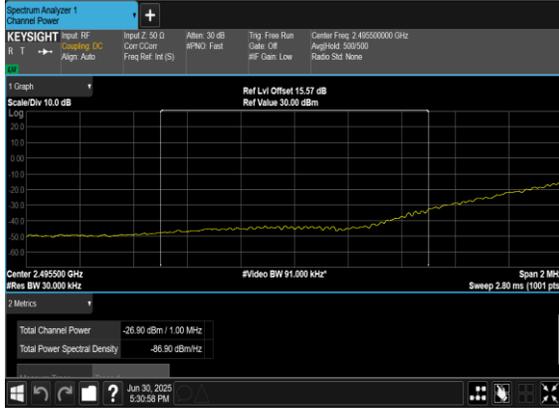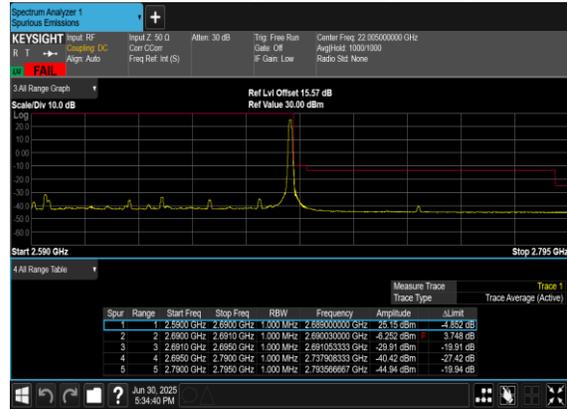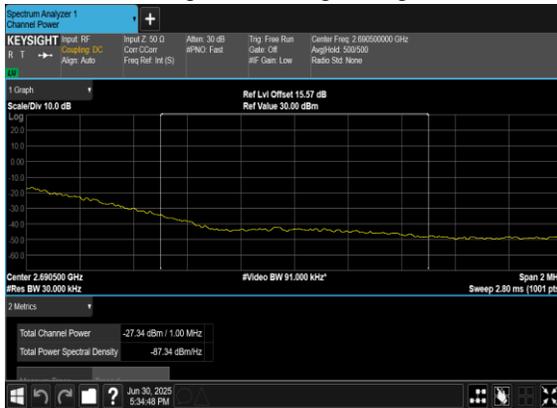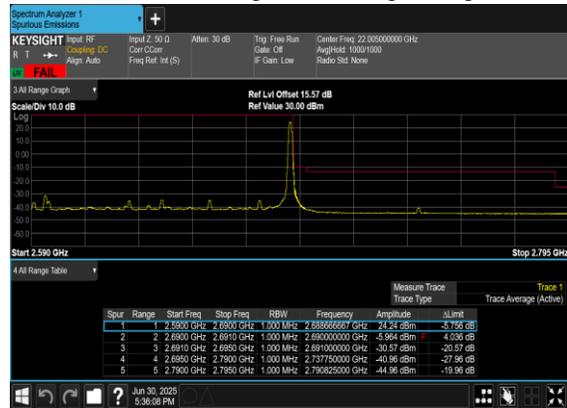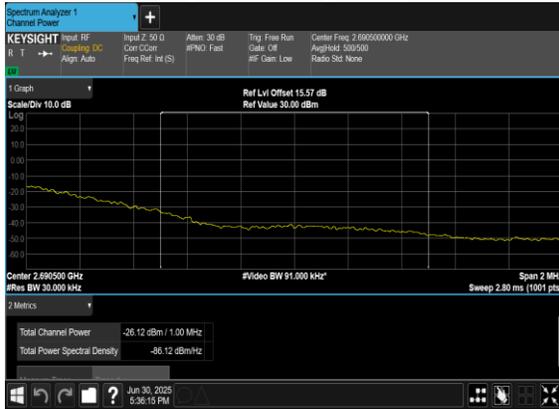N41(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

Software Version: 23.06.1602
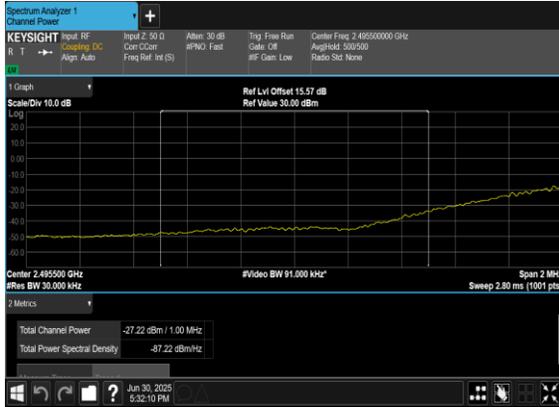
FR1 N7_ANT6 (Other PA)

LTE Band: 2, LTE BW: 10M, LTE ARFCN: Mid

Transmitter Conducted Output Power And EIRP, (G$_T$ - L$_C$)= -5.2 dB

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	12@6	23.26	18.06	0.0640
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@1	22.94	17.74	0.0594
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@23	23.05	17.85	0.0610
7	15	5	500500	2502.5	DFT-s-OFDM 16 QAM	12@6	22.25	17.05	0.0507
7	15	5	500500	2502.5	DFT-s-OFDM 16 QAM	1@1	22.45	17.25	0.0531
7	15	5	500500	2502.5	DFT-s-OFDM 16 QAM	1@23	22.56	17.36	0.0545
7	15	5	507000	2535	DFT-s-OFDM QPSK	12@6	23.45	18.25	0.0668
7	15	5	507000	2535	DFT-s-OFDM QPSK	1@1	23.27	18.07	0.0641
7	15	5	507000	2535	DFT-s-OFDM QPSK	1@23	23.08	17.88	0.0614
7	15	5	507000	2535	DFT-s-OFDM 16 QAM	12@6	22.43	17.23	0.0528
7	15	5	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.97	17.77	0.0598
7	15	5	507000	2535	DFT-s-OFDM 16 QAM	1@23	22.7	17.5	0.0562
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	12@6	23.36	18.16	0.0655
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@1	22.98	17.78	0.0600
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@23	23.16	17.96	0.0625
7	15	5	513500	2567.5	DFT-s-OFDM 16 QAM	12@6	22.4	17.2	0.0525
7	15	5	513500	2567.5	DFT-s-OFDM 16 QAM	1@1	22.68	17.48	0.0560
7	15	5	513500	2567.5	DFT-s-OFDM 16 QAM	1@23	23.09	17.89	0.0615
7	15	10	501000	2505	DFT-s-OFDM QPSK	25@12	23.29	18.09	0.0644
7	15	10	501000	2505	DFT-s-OFDM QPSK	1@1	22.98	17.78	0.0600
7	15	10	501000	2505	DFT-s-OFDM QPSK	1@50	23.28	18.08	0.0643
7	15	10	501000	2505	DFT-s-OFDM 16 QAM	25@12	22.41	17.21	0.0526
7	15	10	501000	2505	DFT-s-OFDM 16 QAM	1@1	22.54	17.34	0.0542
7	15	10	501000	2505	DFT-s-OFDM 16 QAM	1@50	22.86	17.66	0.0583
7	15	10	507000	2535	DFT-s-OFDM QPSK	25@12	23.4	18.2	0.0661
7	15	10	507000	2535	DFT-s-OFDM QPSK	1@1	23.35	18.15	0.0653
7	15	10	507000	2535	DFT-s-OFDM QPSK	1@50	22.96	17.76	0.0597
7	15	10	507000	2535	DFT-s-OFDM 16 QAM	25@12	22.51	17.31	0.0538
7	15	10	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.13	17.93	0.0621
7	15	10	507000	2535	DFT-s-OFDM 16 QAM	1@50	22.48	17.28	0.0535
7	15	10	513000	2565	DFT-s-OFDM QPSK	25@12	23.21	18.01	0.0632
7	15	10	513000	2565	DFT-s-OFDM QPSK	1@1	22.82	17.62	0.0578
7	15	10	513000	2565	DFT-s-OFDM QPSK	1@50	23.17	17.97	0.0627

7	15	10	513000	2565	DFT-s-OFDM 16 QAM	25@12	22.34	17.14	0.0518
7	15	10	513000	2565	DFT-s-OFDM 16 QAM	1@1	22.45	17.25	0.0531
7	15	10	513000	2565	DFT-s-OFDM 16 QAM	1@50	23.02	17.82	0.0605
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	36@18	23.35	18.15	0.0653
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@1	23	17.8	0.0603
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@77	23.44	18.24	0.0667
7	15	15	501500	2507.5	DFT-s-OFDM 16 QAM	36@18	22.47	17.27	0.0533
7	15	15	501500	2507.5	DFT-s-OFDM 16 QAM	1@1	22.48	17.28	0.0535
7	15	15	501500	2507.5	DFT-s-OFDM 16 QAM	1@77	22.95	17.75	0.0596
7	15	15	507000	2535	DFT-s-OFDM QPSK	36@18	23.43	18.23	0.0665
7	15	15	507000	2535	DFT-s-OFDM QPSK	1@1	23.43	18.23	0.0665
7	15	15	507000	2535	DFT-s-OFDM QPSK	1@77	22.9	17.7	0.0589
7	15	15	507000	2535	DFT-s-OFDM 16 QAM	36@18	22.54	17.34	0.0542
7	15	15	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.12	17.92	0.0619
7	15	15	507000	2535	DFT-s-OFDM 16 QAM	1@77	22.36	17.16	0.0520
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	36@18	23.05	17.85	0.0610
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@1	22.66	17.46	0.0557
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@77	23.17	17.97	0.0627
7	15	15	512500	2562.5	DFT-s-OFDM 16 QAM	36@18	22.16	16.96	0.0497
7	15	15	512500	2562.5	DFT-s-OFDM 16 QAM	1@1	22.15	16.95	0.0495
7	15	15	512500	2562.5	DFT-s-OFDM 16 QAM	1@77	22.9	17.7	0.0589
7	15	20	502000	2510	DFT-s-OFDM QPSK	50@25	23.48	18.28	0.0673
7	15	20	502000	2510	DFT-s-OFDM QPSK	1@1	23.03	17.83	0.0607
7	15	20	502000	2510	DFT-s-OFDM QPSK	1@104	23.52	18.32	0.0679
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	50@25	22.55	17.35	0.0543
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	1@1	22.53	17.33	0.0541
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	1@104	23.13	17.93	0.0621
7	15	20	507000	2535	DFT-s-OFDM QPSK	50@25	23.43	18.23	0.0665
7	15	20	507000	2535	DFT-s-OFDM QPSK	1@1	23.46	18.26	0.0670
7	15	20	507000	2535	DFT-s-OFDM QPSK	1@104	22.76	17.56	0.0570
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	50@25	22.52	17.32	0.0540
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.1	17.9	0.0617
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	1@104	22.16	16.96	0.0497
7	15	20	512000	2560	DFT-s-OFDM QPSK	50@25	22.99	17.79	0.0601
7	15	20	512000	2560	DFT-s-OFDM QPSK	1@1	22.68	17.48	0.0560
7	15	20	512000	2560	DFT-s-OFDM QPSK	1@104	23.19	17.99	0.0630
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	50@25	22.09	16.89	0.0489
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	1@1	22.19	16.99	0.0500
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	1@104	22.87	17.67	0.0585
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	64@32	23.52	18.32	0.0679
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@1	22.93	17.73	0.0593
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@131	23.35	18.15	0.0653

7	15	25	502500	2512.5	DFT-s-OFDM 16 QAM	64@32	22.56	17.36	0.0545
7	15	25	502500	2512.5	DFT-s-OFDM 16 QAM	1@1	22.45	17.25	0.0531
7	15	25	502500	2512.5	DFT-s-OFDM 16 QAM	1@131	22.96	17.76	0.0597
7	15	25	507000	2535	DFT-s-OFDM QPSK	64@32	23.38	18.18	0.0658
7	15	25	507000	2535	DFT-s-OFDM QPSK	1@1	23.48	18.28	0.0673
7	15	25	507000	2535	DFT-s-OFDM QPSK	1@131	22.64	17.44	0.0555
7	15	25	507000	2535	DFT-s-OFDM 16 QAM	64@32	22.41	17.21	0.0526
7	15	25	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.04	17.84	0.0608
7	15	25	507000	2535	DFT-s-OFDM 16 QAM	1@131	22.09	16.89	0.0489
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	64@32	22.86	17.66	0.0583
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@1	22.73	17.53	0.0566
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@131	23.13	17.93	0.0621
7	15	25	511500	2557.5	DFT-s-OFDM 16 QAM	64@32	21.91	16.71	0.0469
7	15	25	511500	2557.5	DFT-s-OFDM 16 QAM	1@1	22.12	16.92	0.0492
7	15	25	511500	2557.5	DFT-s-OFDM 16 QAM	1@131	22.8	17.6	0.0575
7	15	30	503000	2515	DFT-s-OFDM QPSK	80@40	23.66	18.46	0.0701
7	15	30	503000	2515	DFT-s-OFDM QPSK	1@1	23.04	17.84	0.0608
7	15	30	503000	2515	DFT-s-OFDM QPSK	1@158	23.36	18.16	0.0655
7	15	30	503000	2515	DFT-s-OFDM 16 QAM	80@40	22.75	17.55	0.0569
7	15	30	503000	2515	DFT-s-OFDM 16 QAM	1@1	22.51	17.31	0.0538
7	15	30	503000	2515	DFT-s-OFDM 16 QAM	1@158	23	17.8	0.0603
7	15	30	507000	2535	DFT-s-OFDM QPSK	80@40	23.45	18.25	0.0668
7	15	30	507000	2535	DFT-s-OFDM QPSK	1@1	23.52	18.32	0.0679
7	15	30	507000	2535	DFT-s-OFDM QPSK	1@158	22.6	17.4	0.0550
7	15	30	507000	2535	DFT-s-OFDM 16 QAM	80@40	22.46	17.26	0.0532
7	15	30	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.11	17.91	0.0618
7	15	30	507000	2535	DFT-s-OFDM 16 QAM	1@158	22.09	16.89	0.0489
7	15	30	511000	2555	DFT-s-OFDM QPSK	80@40	22.91	17.71	0.0590
7	15	30	511000	2555	DFT-s-OFDM QPSK	1@1	23	17.8	0.0603
7	15	30	511000	2555	DFT-s-OFDM QPSK	1@158	23.21	18.01	0.0632
7	15	30	511000	2555	DFT-s-OFDM 16 QAM	80@40	21.99	16.79	0.0478
7	15	30	511000	2555	DFT-s-OFDM 16 QAM	1@1	22.44	17.24	0.0530
7	15	30	511000	2555	DFT-s-OFDM 16 QAM	1@158	22.94	17.74	0.0594
7	15	35	503500	2517.5	DFT-s-OFDM QPSK	90@45	23.7	18.5	0.0708
7	15	35	503500	2517.5	DFT-s-OFDM QPSK	1@1	22.99	17.79	0.0601
7	15	35	503500	2517.5	DFT-s-OFDM QPSK	1@186	23.15	17.95	0.0624
7	15	35	503500	2517.5	DFT-s-OFDM 16 QAM	90@45	22.8	17.6	0.0575
7	15	35	503500	2517.5	DFT-s-OFDM 16 QAM	1@1	22.47	17.27	0.0533
7	15	35	503500	2517.5	DFT-s-OFDM 16 QAM	1@186	22.77	17.57	0.0571
7	15	35	507000	2535	DFT-s-OFDM QPSK	90@45	23.43	18.23	0.0665
7	15	35	507000	2535	DFT-s-OFDM QPSK	1@1	23.53	18.33	0.0681
7	15	35	507000	2535	DFT-s-OFDM QPSK	1@186	22.55	17.35	0.0543

7	15	35	507000	2535	DFT-s-OFDM 16 QAM	90@45	22.51	17.31	0.0538
7	15	35	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.06	17.86	0.0611
7	15	35	507000	2535	DFT-s-OFDM 16 QAM	1@186	22.02	16.82	0.0481
7	15	35	501500	2552.5	DFT-s-OFDM QPSK	90@45	22.87	17.67	0.0585
7	15	35	501500	2552.5	DFT-s-OFDM QPSK	1@1	23.12	17.92	0.0619
7	15	35	501500	2552.5	DFT-s-OFDM QPSK	1@186	23.13	17.93	0.0621
7	15	35	501500	2552.5	DFT-s-OFDM 16 QAM	90@45	21.95	16.75	0.0473
7	15	35	501500	2552.5	DFT-s-OFDM 16 QAM	1@1	22.73	17.53	0.0566
7	15	35	501500	2552.5	DFT-s-OFDM 16 QAM	1@186	22.82	17.62	0.0578
7	15	40	504000	2520	DFT-s-OFDM QPSK	108@54	23.69	18.49	0.0706
7	15	40	504000	2520	DFT-s-OFDM QPSK	1@1	22.96	17.76	0.0597
7	15	40	504000	2520	DFT-s-OFDM QPSK	1@214	22.93	17.73	0.0593
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	108@54	22.78	17.58	0.0573
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	1@1	22.44	17.24	0.0530
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	1@214	22.41	17.21	0.0526
7	15	40	507000	2535	DFT-s-OFDM QPSK	108@54	23.39	18.19	0.0659
7	15	40	507000	2535	DFT-s-OFDM QPSK	1@1	23.53	18.33	0.0681
7	15	40	507000	2535	DFT-s-OFDM QPSK	1@214	22.53	17.33	0.0541
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	108@54	22.46	17.26	0.0532
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	1@1	23.06	17.86	0.0611
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	1@214	22.04	16.84	0.0483
7	15	40	510000	2550	DFT-s-OFDM QPSK	108@54	22.89	17.69	0.0587
7	15	40	510000	2550	DFT-s-OFDM QPSK	1@1	23.3	18.1	0.0646
7	15	40	510000	2550	DFT-s-OFDM QPSK	1@214	23.14	17.94	0.0622
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	108@54	21.98	16.78	0.0476
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	1@1	22.98	17.78	0.0600
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	1@214	22.87	17.67	0.0585
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	135@67	23.63	18.43	0.0697
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	1@1	23.11	17.91	0.0618
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	1@268	22.62	17.42	0.0552
7	15	50	505000	2525	DFT-s-OFDM QPSK	135@67	23.64	18.44	0.0698
7	15	50	505000	2525	DFT-s-OFDM QPSK	1@1	22.54	17.34	0.0542
7	15	50	505000	2525	DFT-s-OFDM QPSK	1@268	22.07	16.87	0.0486
7	15	50	505000	2525	DFT-s-OFDM 16 QAM	135@67	22.72	17.52	0.0565
7	15	50	505000	2525	DFT-s-OFDM 16 QAM	1@1	21.96	16.76	0.0474
7	15	50	505000	2525	DFT-s-OFDM 16 QAM	1@268	21.47	16.27	0.0424
7	15	50	505000	2525	DFT-s-OFDM 64 QAM	135@67	21.24	16.04	0.0402
7	15	50	505000	2525	DFT-s-OFDM 64 QAM	1@1	20.75	15.55	0.0359
7	15	50	505000	2525	DFT-s-OFDM 64 QAM	1@268	20.25	15.05	0.0320
7	15	50	505000	2525	DFT-s-OFDM 256 QAM	135@67	19.26	14.06	0.0255
7	15	50	505000	2525	DFT-s-OFDM 256 QAM	1@1	18.68	13.48	0.0223
7	15	50	505000	2525	DFT-s-OFDM 256 QAM	1@268	18.18	12.98	0.0199

7	15	50	505000	2525	CP-OFDM QPSK	135@67	22.22	17.02	0.0504
7	15	50	505000	2525	CP-OFDM QPSK	1@1	21.04	15.84	0.0384
7	15	50	505000	2525	CP-OFDM QPSK	1@268	20.71	15.51	0.0356
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	135@67	23.34	18.14	0.0652
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.51	18.31	0.0678
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	1@268	22.27	17.07	0.0509
7	15	50	507000	2535	DFT-s-OFDM QPSK	135@67	23.74	18.54	0.0714
7	15	50	507000	2535	DFT-s-OFDM QPSK	1@1	22.92	17.72	0.0592
7	15	50	507000	2535	DFT-s-OFDM QPSK	1@268	22.18	16.98	0.0499
7	15	50	507000	2535	DFT-s-OFDM 16 QAM	135@67	22.46	17.26	0.0532
7	15	50	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.38	17.18	0.0522
7	15	50	507000	2535	DFT-s-OFDM 16 QAM	1@268	21.67	16.47	0.0444
7	15	50	507000	2535	DFT-s-OFDM 64 QAM	135@67	20.96	15.76	0.0377
7	15	50	507000	2535	DFT-s-OFDM 64 QAM	1@1	20.77	15.57	0.0361
7	15	50	507000	2535	DFT-s-OFDM 64 QAM	1@268	20.1	14.9	0.0309
7	15	50	507000	2535	DFT-s-OFDM 256 QAM	135@67	18.99	13.79	0.0239
7	15	50	507000	2535	DFT-s-OFDM 256 QAM	1@1	19.08	13.88	0.0244
7	15	50	507000	2535	DFT-s-OFDM 256 QAM	1@268	18.35	13.15	0.0207
7	15	50	507000	2535	CP-OFDM QPSK	135@67	21.94	16.74	0.0472
7	15	50	507000	2535	CP-OFDM QPSK	1@1	21.46	16.26	0.0423
7	15	50	507000	2535	CP-OFDM QPSK	1@268	20.75	15.55	0.0359
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	135@67	23.06	17.86	0.0611
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	1@1	23.25	18.05	0.0638
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	1@268	22.82	17.62	0.0578
7	15	50	509000	2545	DFT-s-OFDM QPSK	135@67	23.08	17.88	0.0614
7	15	50	509000	2545	DFT-s-OFDM QPSK	1@1	23.03	17.83	0.0607
7	15	50	509000	2545	DFT-s-OFDM QPSK	1@268	22.7	17.5	0.0562
7	15	50	509000	2545	DFT-s-OFDM 16 QAM	135@67	22.18	16.98	0.0499
7	15	50	509000	2545	DFT-s-OFDM 16 QAM	1@1	22.6	17.4	0.0550
7	15	50	509000	2545	DFT-s-OFDM 16 QAM	1@268	22.35	17.15	0.0519
7	15	50	509000	2545	DFT-s-OFDM 64 QAM	135@67	20.69	15.49	0.0354
7	15	50	509000	2545	DFT-s-OFDM 64 QAM	1@1	20.99	15.79	0.0379
7	15	50	509000	2545	DFT-s-OFDM 64 QAM	1@268	20.64	15.44	0.0350
7	15	50	509000	2545	DFT-s-OFDM 256 QAM	135@67	18.7	13.5	0.0224
7	15	50	509000	2545	DFT-s-OFDM 256 QAM	1@1	19.24	14.04	0.0254
7	15	50	509000	2545	DFT-s-OFDM 256 QAM	1@268	18.88	13.68	0.0233
7	15	50	509000	2545	CP-OFDM QPSK	135@67	21.66	16.46	0.0443
7	15	50	509000	2545	CP-OFDM QPSK	1@1	21.63	16.43	0.0440
7	15	50	509000	2545	CP-OFDM QPSK	1@268	21.32	16.12	0.0409

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	16.8	**PASS**	NV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	19.3	**PASS**	LV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	17.3	**PASS**	HV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	14.3	**PASS**	-30℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	10.6	**PASS**	-20℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	18	**PASS**	-10℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	12.7	**PASS**	0℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	10.5	**PASS**	10℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	16.8	**PASS**	20℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	11.4	**PASS**	30℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	18.8	**PASS**	40℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	14.6	**PASS**	50℃

$|MAX(\triangle f)| = 19.3$ Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - |MAX(\triangle f)|$	2500.529481	$\geqq$ 2500 MHz	PASS
$f_H + |MAX(\triangle f)|$	2568.391619	$\leqq$ 2570 MHz	

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	DFT-s-OFDM PI/2 BPSK	100@0	3.95	13	**PASS**
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	4.63	13	**PASS**

B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH
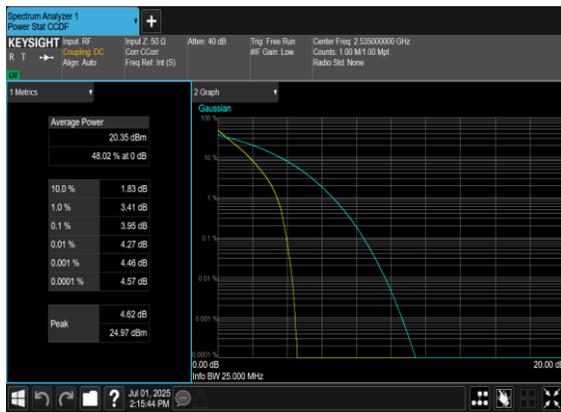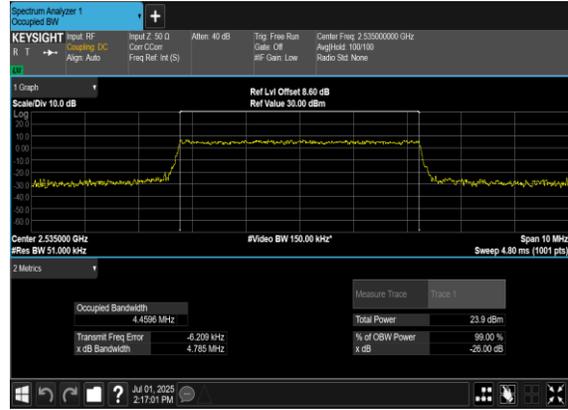

B2_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.4669	4.837
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.4596	4.785
7	15	5	507000	2535.0	CP-OFDM 64 QAM	25@0	4.4742	4.868
7	15	5	507000	2535.0	CP-OFDM 256 QAM	25@0	4.4674	4.815
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.2585	9.705
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.2814	9.759
7	15	10	507000	2535.0	CP-OFDM 64 QAM	52@0	9.2772	9.657
7	15	10	507000	2535.0	CP-OFDM 256 QAM	52@0	9.2525	9.712
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.061	14.69
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.092	14.76
7	15	15	507000	2535.0	CP-OFDM 64 QAM	79@0	14.094	14.7
7	15	15	507000	2535.0	CP-OFDM 256 QAM	79@0	14.115	14.64
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.919	19.62
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.924	19.71
7	15	20	507000	2535.0	CP-OFDM 64 QAM	106@0	18.956	19.64
7	15	20	507000	2535.0	CP-OFDM 256 QAM	106@0	18.873	19.67
7	15	25	507000	2535.0	CP-OFDM QPSK	133@0	23.808	24.69
7	15	25	507000	2535.0	CP-OFDM 16 QAM	133@0	23.783	24.67
7	15	25	507000	2535.0	CP-OFDM 64 QAM	133@0	23.762	24.68
7	15	25	507000	2535.0	CP-OFDM 256 QAM	133@0	23.688	24.69
7	15	30	507000	2535.0	CP-OFDM QPSK	160@0	28.574	29.58
7	15	30	507000	2535.0	CP-OFDM 16 QAM	160@0	28.53	29.78
7	15	30	507000	2535.0	CP-OFDM 64 QAM	160@0	28.495	29.78
7	15	30	507000	2535.0	CP-OFDM 256 QAM	160@0	28.548	29.48
7	15	35	507000	2535.0	CP-OFDM QPSK	188@0	33.553	34.77
7	15	35	507000	2535.0	CP-OFDM 16 QAM	188@0	33.597	34.7
7	15	35	507000	2535.0	CP-OFDM 64 QAM	188@0	33.543	34.75
7	15	35	507000	2535.0	CP-OFDM 256 QAM	188@0	33.443	34.66
7	15	40	507000	2535.0	CP-OFDM QPSK	216@0	38.573	39.97
7	15	40	507000	2535.0	CP-OFDM 16 QAM	216@0	38.603	39.8
7	15	40	507000	2535.0	CP-OFDM 64 QAM	216@0	38.637	39.88
7	15	40	507000	2535.0	CP-OFDM 256 QAM	216@0	38.624	39.93
7	15	50	507000	2535.0	CP-OFDM QPSK	270@0	48.221	49.8
7	15	50	507000	2535.0	CP-OFDM 16 QAM	270@0	48.083	49.81
7	15	50	507000	2535.0	CP-OFDM 64 QAM	270@0	48.218	49.8
7	15	50	507000	2535.0	CP-OFDM 256 QAM	270@0	48.114	49.76

B2_N7(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH
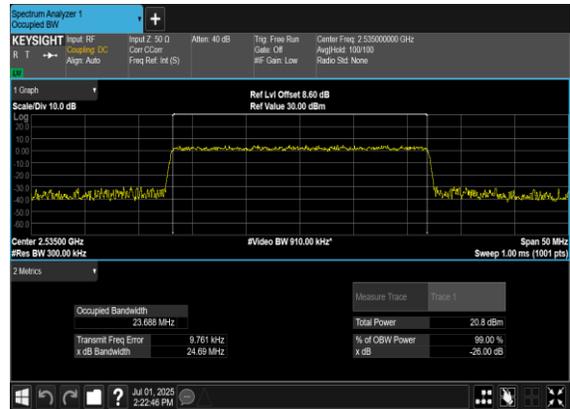

B2_N7(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B2_N7(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH
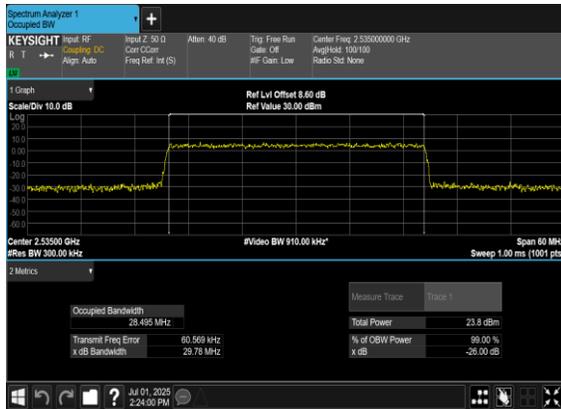

B2_N7(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH
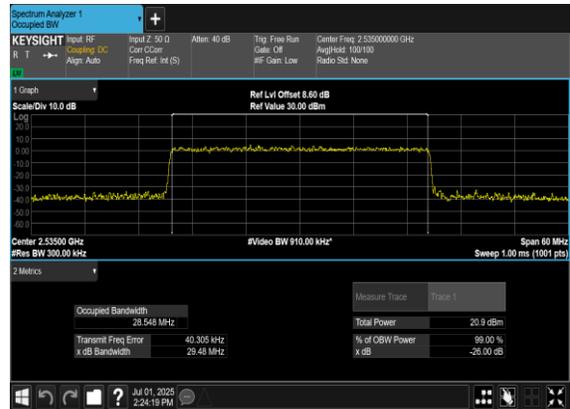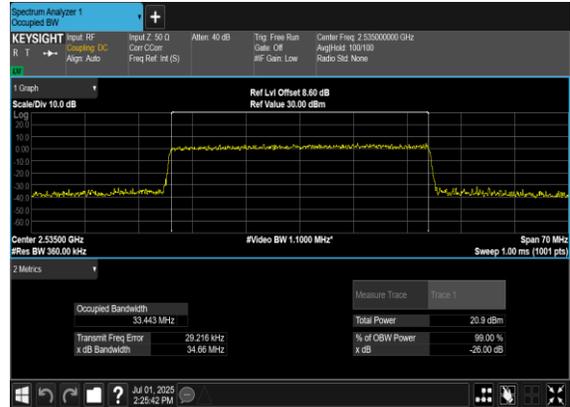
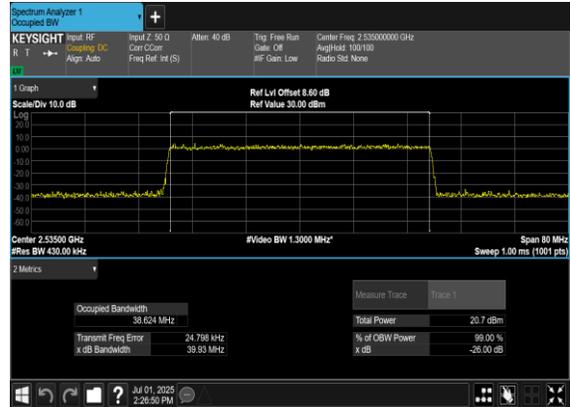### B2_N7(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B2_N7(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B2_N7(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B2_N7(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B2_N7(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B2_N7(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B2_N7(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B2_N7(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B2_N7(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B2_N7(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B2_N7(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B2_N7(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B2_N7(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B2_N7(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B2_N7(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B2_N7(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B2_N7(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B2_N7(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B2_N7(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B2_N7(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B2_N7(35M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B2_N7(35M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B2_N7(35M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B2_N7(35M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B2_N7(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B2_N7(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B2_N7(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B2_N7(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

B2_N7(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

B2_N7(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

B2_N7(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

B2_N7(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH
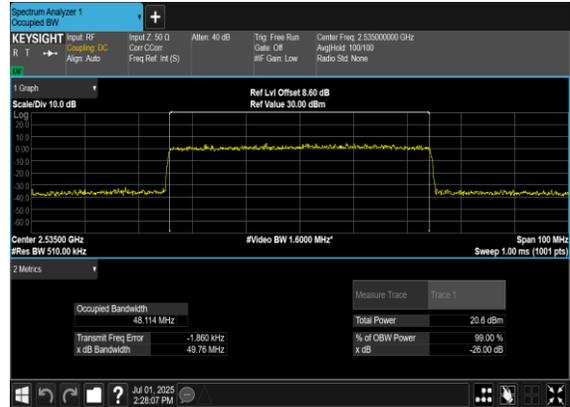
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	25	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	25	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	25	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	25	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	25	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	25	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	50	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	50	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	50	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	50	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	50	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	50	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**

B2_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

B2_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

B2_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

B2_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

B2_N7(5M)_DFT-s-
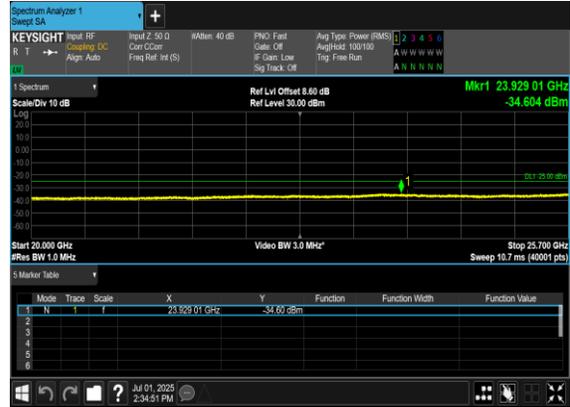OFDM_BPSK_Edge_1RB_Left_Mid_CH

B2_N7(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

B2_N7(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

B2_N7(5M)_DFT-s-
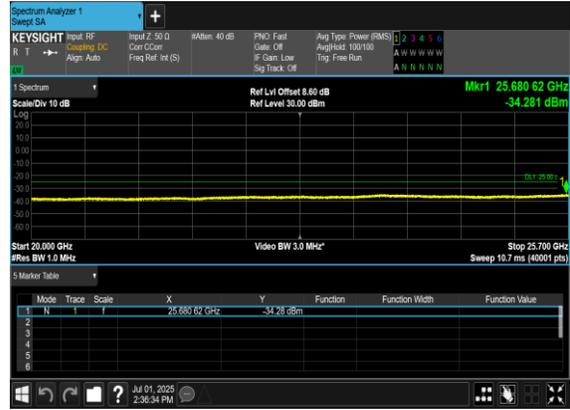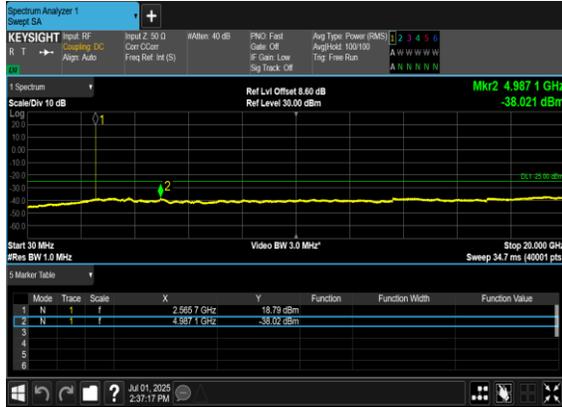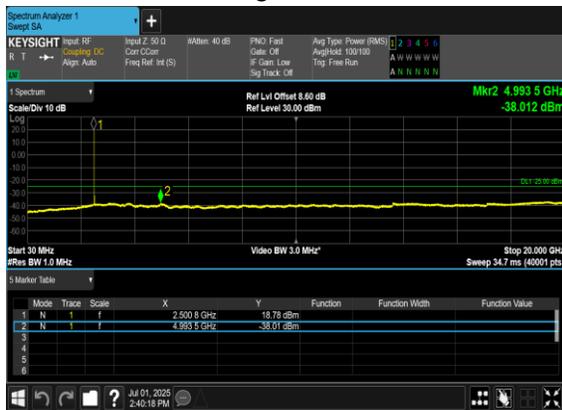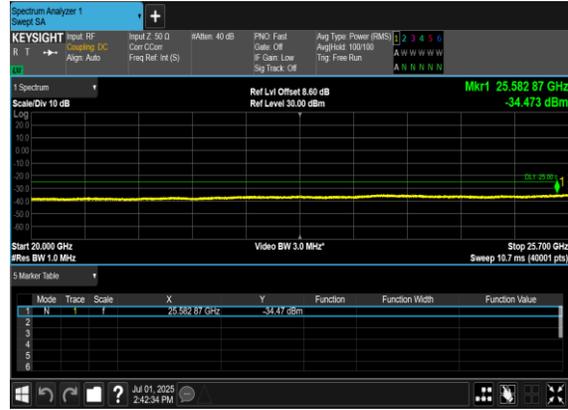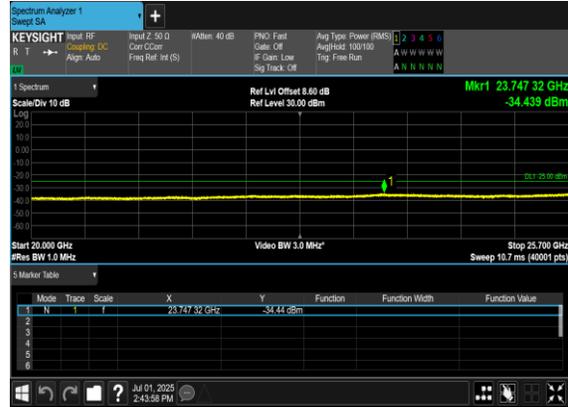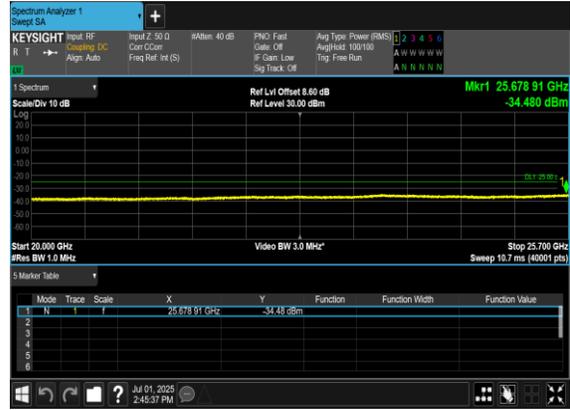OFDM_QPSK_Edge_1RB_Left_Mid_CH
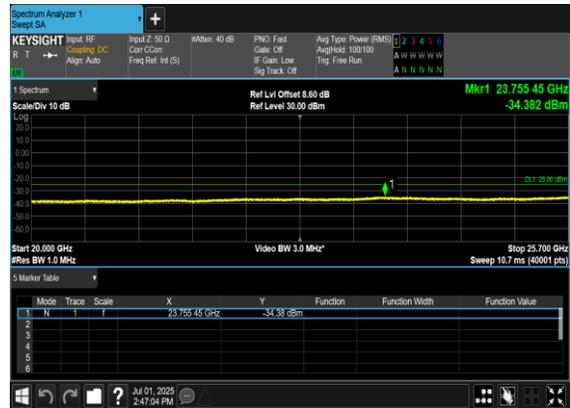
B2_N7(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

B2_N7(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

B2_N7(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

B2_N7(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

B2_N7(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

B2_N7(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

B2_N7(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

B2_N7(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

B2_N7(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

B2_N7(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

B2_N7(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

B2_N7(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

B2_N7(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

B2_N7(25M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

B2_N7(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

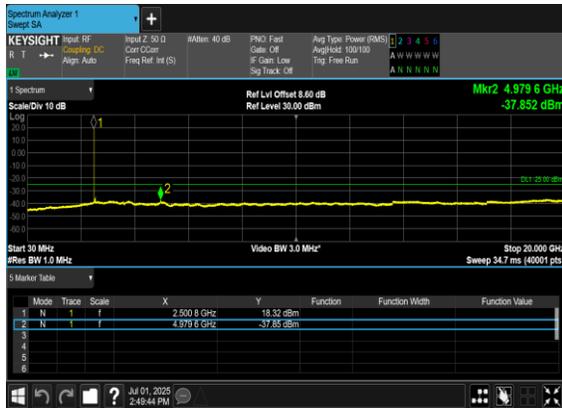### B2_N7(25M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

B2_N7(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

B2_N7(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

B2_N7(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

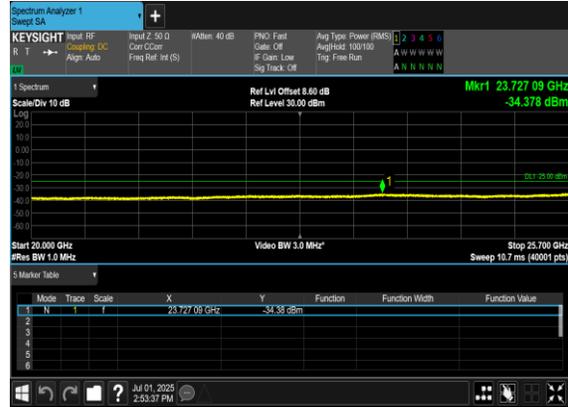### B2_N7(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

B2_N7(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

B2_N7(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

B2_N7(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

B2_N7(50M)_DFT-s-
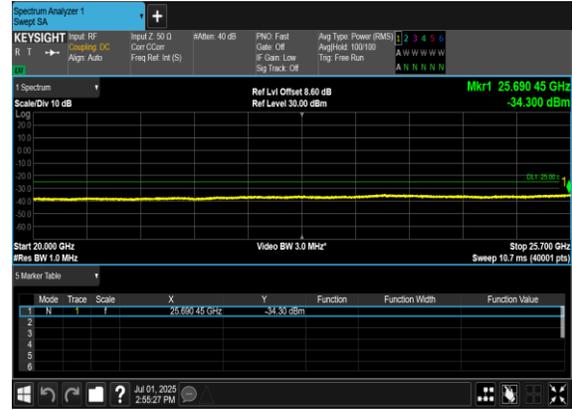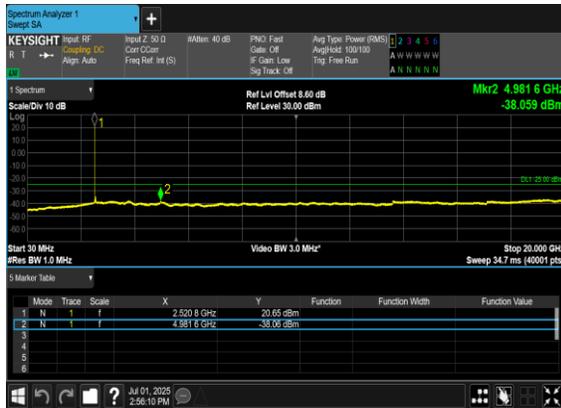OFDM_QPSK_Edge_1RB_Left_Mid_CH

B2_N7(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

B2_N7(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

B2_N7(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

B2_N7(50M)_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
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@132	see graph	**PASS**
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@132	see graph	**PASS**
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	128@0	see graph	**PASS**
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	128@0	see graph	**PASS**
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	270@0	see graph	**PASS**
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@269	see graph	**PASS**
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	1@269	see graph	**PASS**
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	270@0	see graph	**PASS**
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	270@0	see graph	**PASS**