

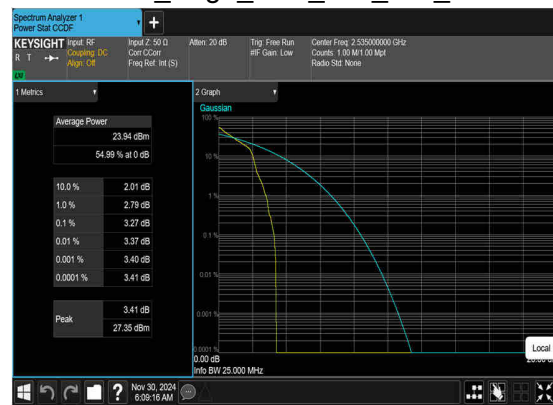
Peak to Average Ratio

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	3.37	13	PASS
7	15	20	507000	2535.0	DFT-s-OFDM PI/2 BPSK	1@0	3.27	13	PASS
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	4.21	13	PASS
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	3.58	13	PASS

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



B2_N7(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



B2_N7(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B2_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH





Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.4844	5.164
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.4789	5.147
7	15	5	507000	2535.0	CP-OFDM 64 QAM	25@0	4.4716	4.99
7	15	5	507000	2535.0	CP-OFDM 256 QAM	25@0	4.4731	5.081
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.2781	10.05
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.2898	10.04
7	15	10	507000	2535.0	CP-OFDM 64 QAM	52@0	9.2953	10.03
7	15	10	507000	2535.0	CP-OFDM 256 QAM	52@0	9.2838	9.947
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.094	14.87
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.089	14.94
7	15	15	507000	2535.0	CP-OFDM 64 QAM	79@0	14.105	15.0
7	15	15	507000	2535.0	CP-OFDM 256 QAM	79@0	14.105	14.84
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.908	19.88
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.98	23.05
7	15	20	507000	2535.0	CP-OFDM 64 QAM	106@0	18.943	19.92
7	15	20	507000	2535.0	CP-OFDM 256 QAM	106@0	18.89	19.76



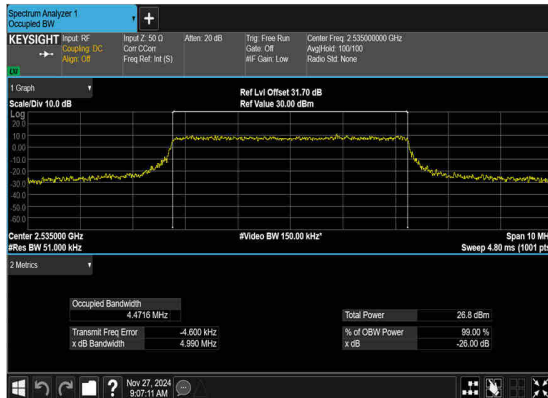
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OFDM_QPSK_Outer_Full_Mid_CH



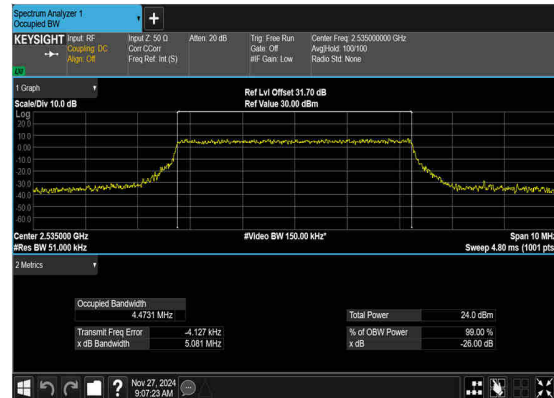
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QAM_Outer_Full_Mid_CH



B2_N7(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

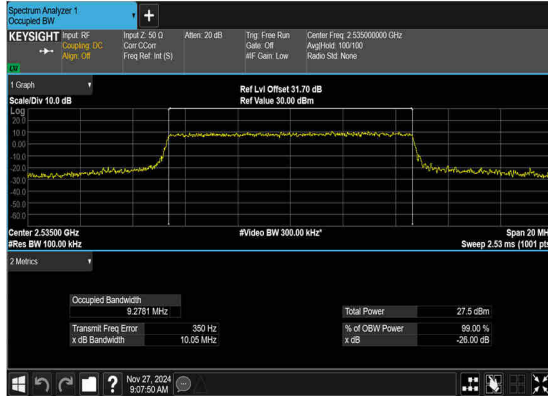


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QAM_Outer_Full_Mid_CH

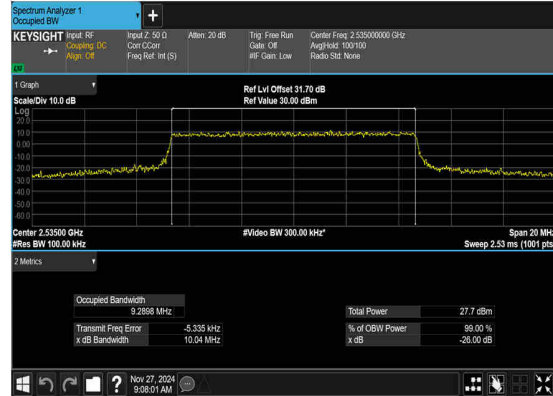




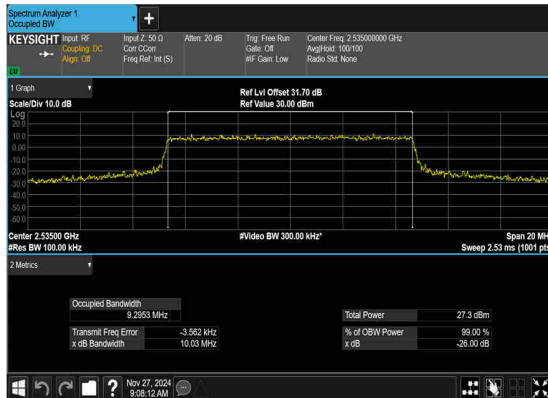
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OFDM_QPSK_Outer_Full_Mid_CH



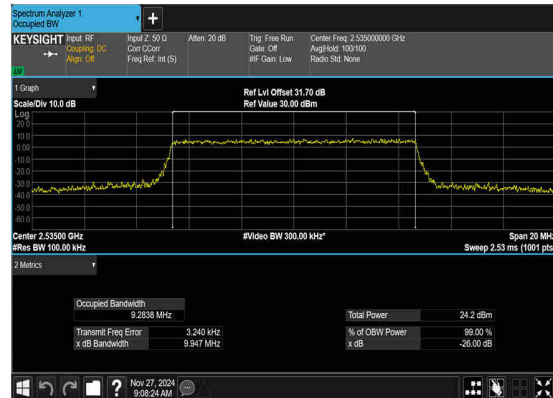
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QAM_Outer_Full_Mid_CH



B2_N7(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

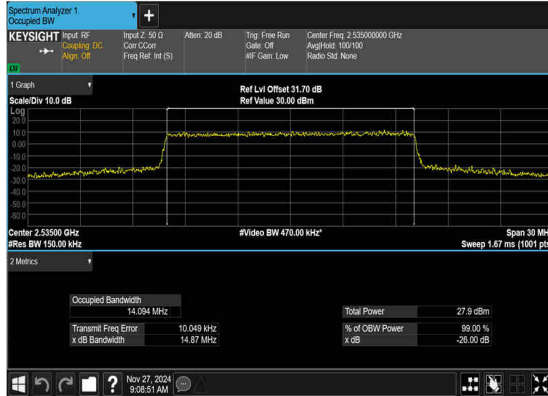


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QAM_Outer_Full_Mid_CH

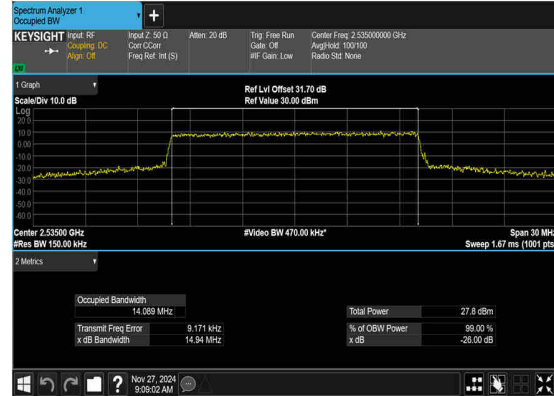




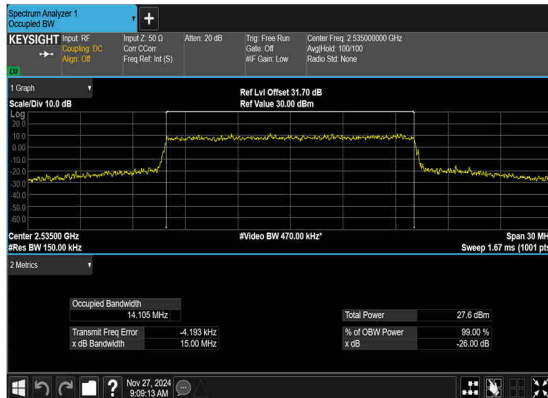
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OFDM_QPSK_Outer_Full_Mid_CH



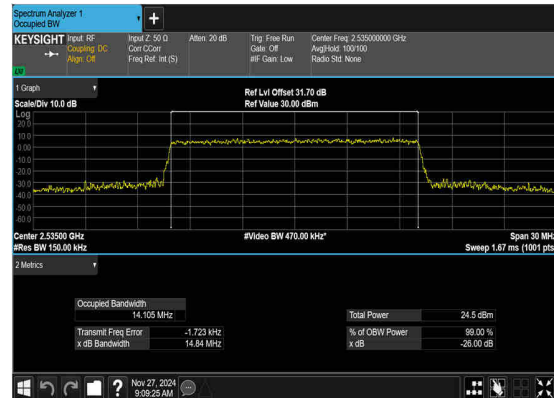
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QAM_Outer_Full_Mid_CH



B2_N7(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

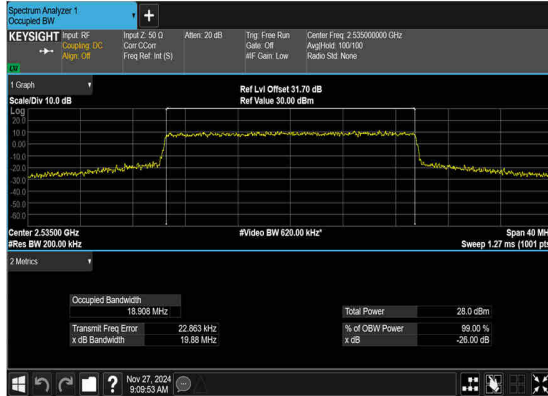


B2_N7(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





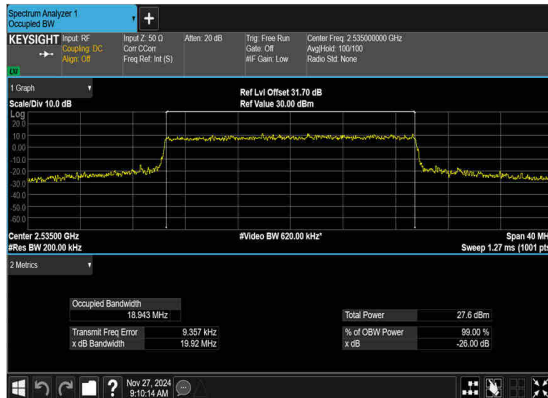
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OFDM_QPSK_Outer_Full_Mid_CH



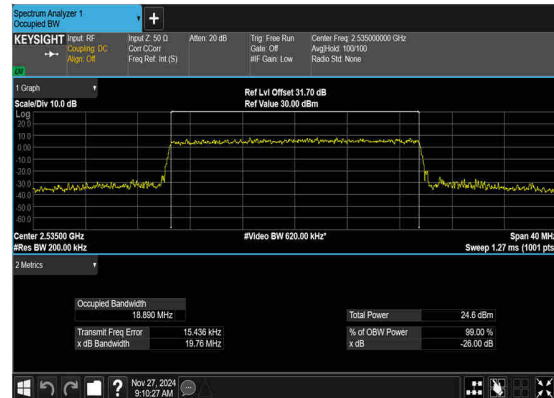
B2_N7(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N7(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B2_N7(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



**Conducted Spurious Emissions**

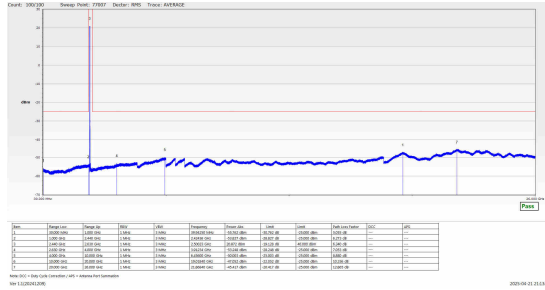
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	---
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	15	501500	2507.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	15	501500	2507.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	15	501500	2507.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	15	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	15	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	15	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	15	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---



7	15	15	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	15	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	15	512500	2562.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	15	512500	2562.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	15	512500	2562.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	502000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	20	502000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	512000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	20	512000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

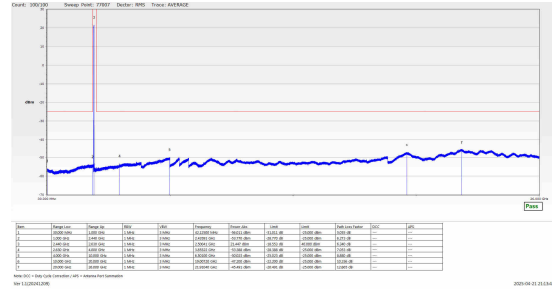


B2_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



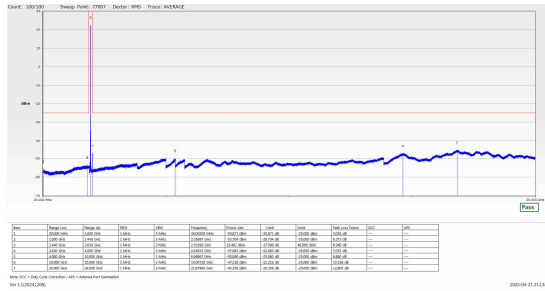
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B2_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



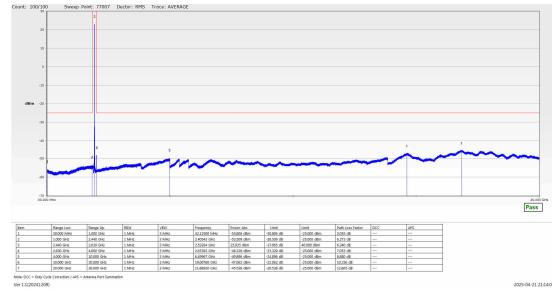
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B2_N7(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



2025-08-21 15:13:35

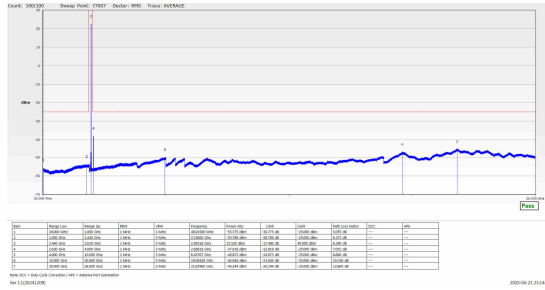
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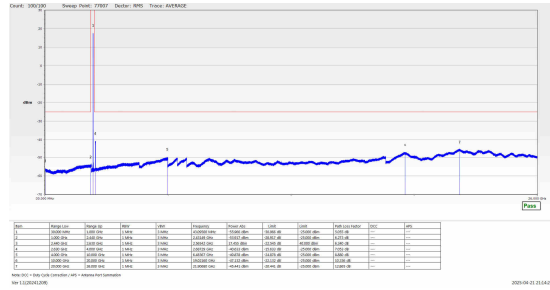
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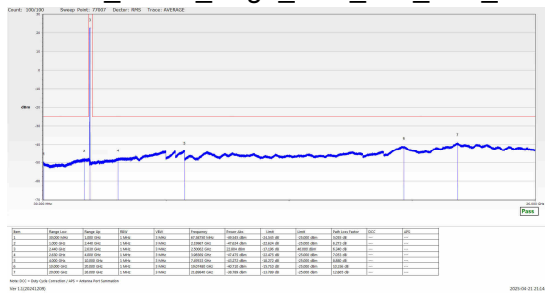
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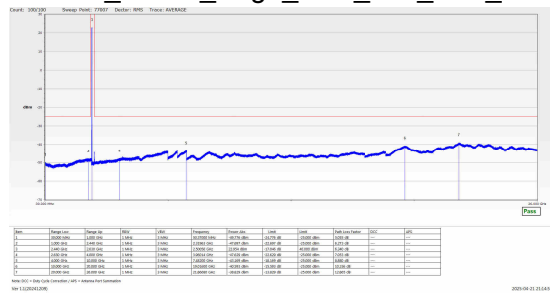
B2_N7(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B2_N7(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N7(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH





B2_N7(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



Figure 10: Average plot

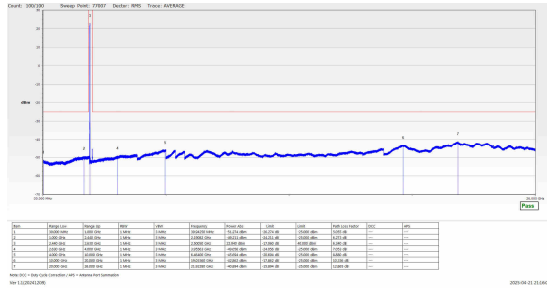
Figure 10 shows the 'Average' plot in the 'Plot' window. The plot displays a blue line representing the average signal over time. The y-axis is labeled 'dBm' and ranges from -30 to 20. The x-axis is labeled 'Time (ms)' and ranges from 0 to 1000000. The plot shows a noisy signal that fluctuates around -20 dBm. A red vertical line is at 1000000 ms. A green box labeled 'Plot' is in the bottom right corner.

[illegible]

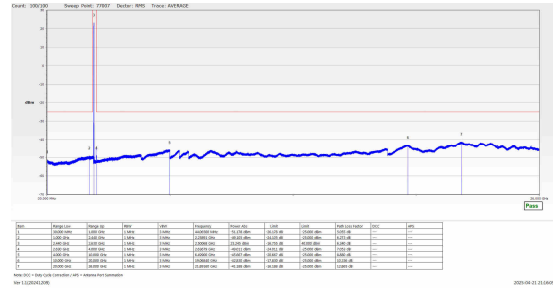
Figure 1: A plot of the power spectrum of the signal. The x-axis is labeled 'freq' and ranges from 0 to 1000 Hz. The y-axis is labeled 'dB' and ranges from -10 to 30. The plot shows a blue line representing the power spectrum, with a prominent peak at approximately 100 Hz. A red vertical line is drawn at 100 Hz, and a green vertical line is drawn at 1000 Hz. The plot is titled 'Source: 1000Hz' and 'Bands: Plot: STFT'.



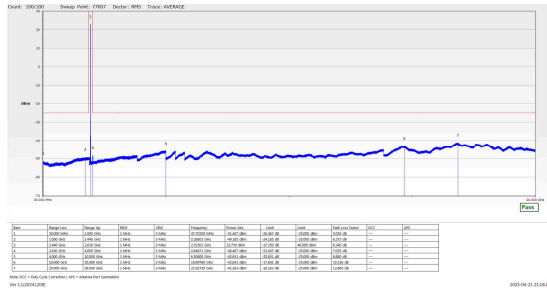
B2_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



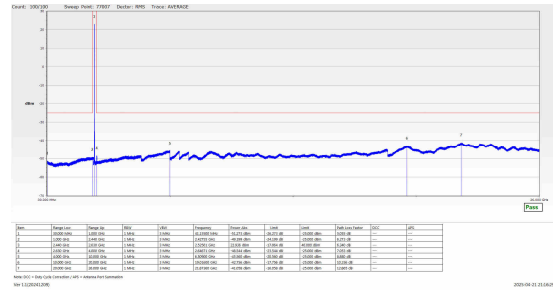
B2_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N7(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

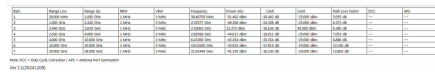


B2_N7(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH





B2_N7(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



Note: DCC = Duty Cycle Correction / WPS = Antenna Port Summation
Ver 1.1(20241208)

2025-04-21 21:16:32

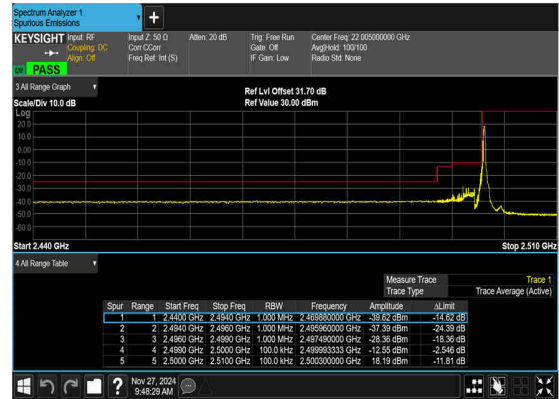
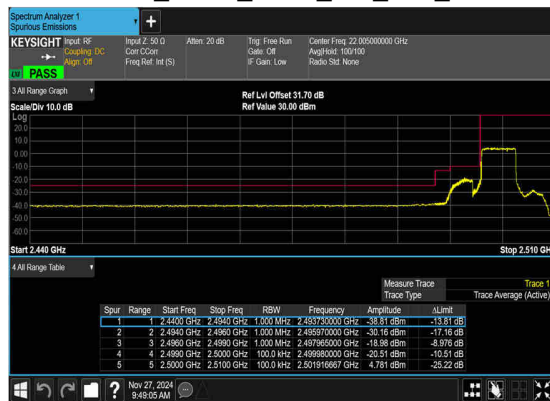
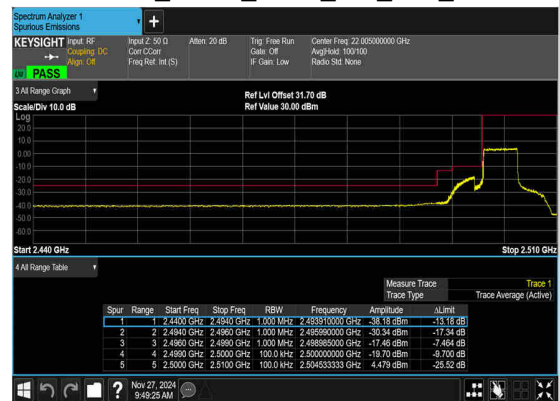


Ver 1.1(20241208)

2025-04-21 21:17:53

**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	15	501500	2507.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	15	501500	2507.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
7	15	15	512500	2562.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
7	15	15	512500	2562.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
7	15	20	502000	2510.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
7	15	20	512000	2560.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

B2_N7(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHB2_N7(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHB2_N7(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHB2_N7(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



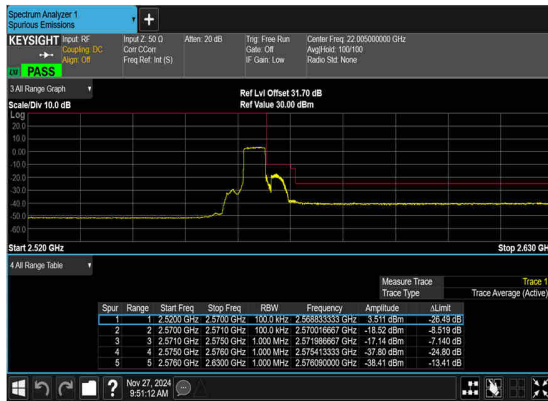
B2_N7(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



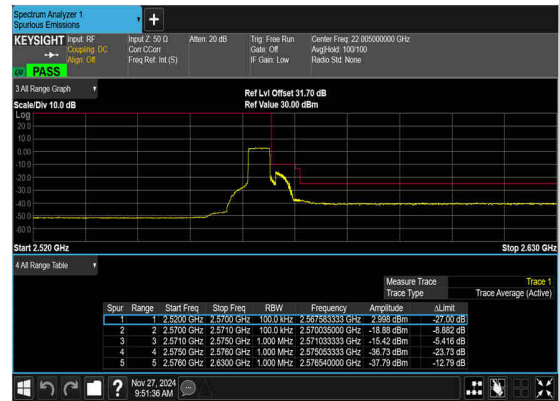
B2_N7(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N7(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N7(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

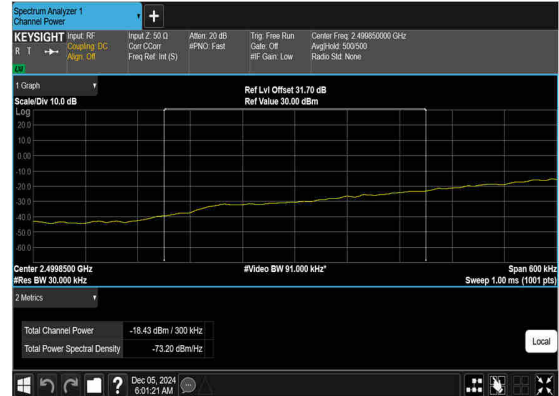




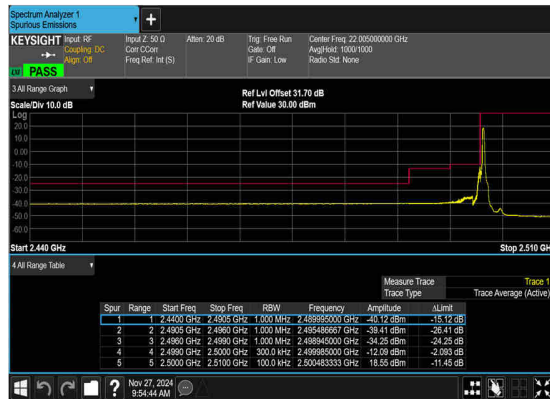
B2_N7(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



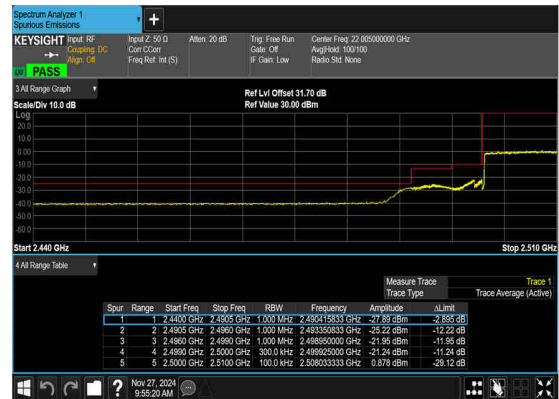
B2_N7(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_chp_
PASS



B2_N7(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N7(15M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH





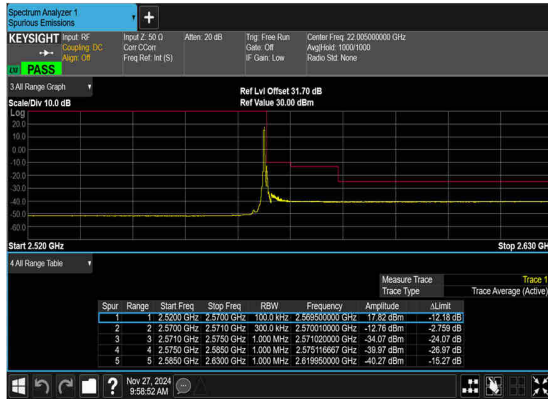
B2_N7(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



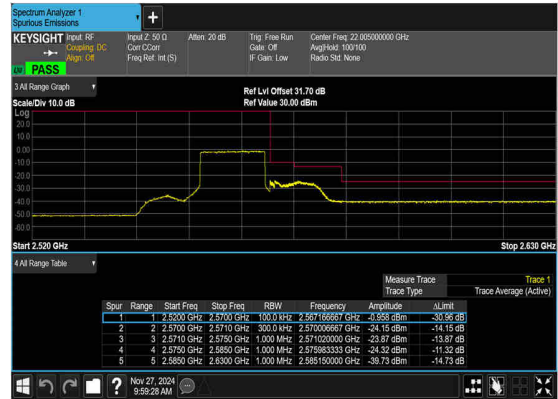
B2_N7(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH

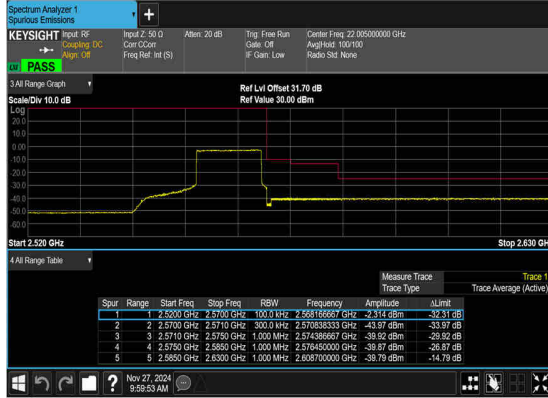
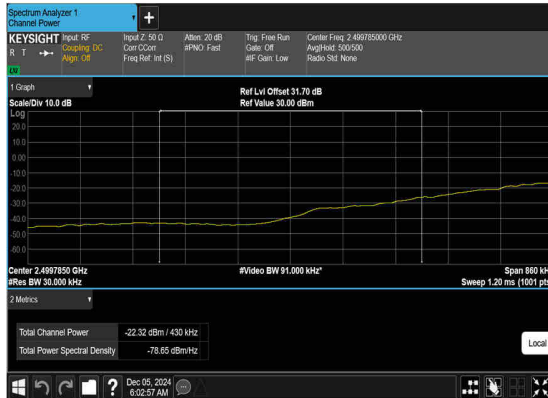
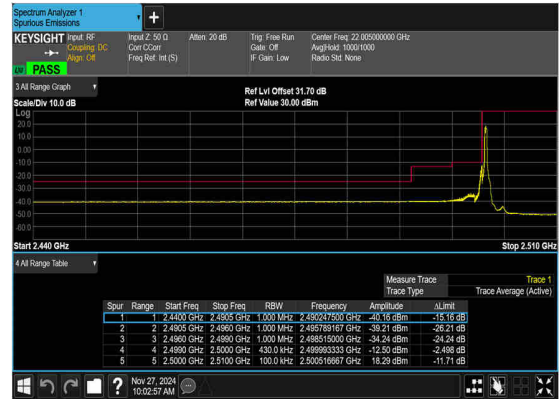


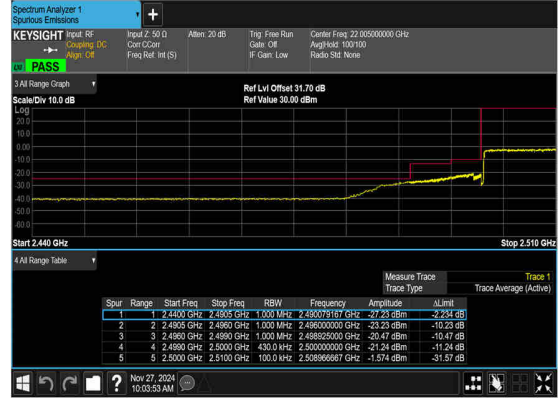
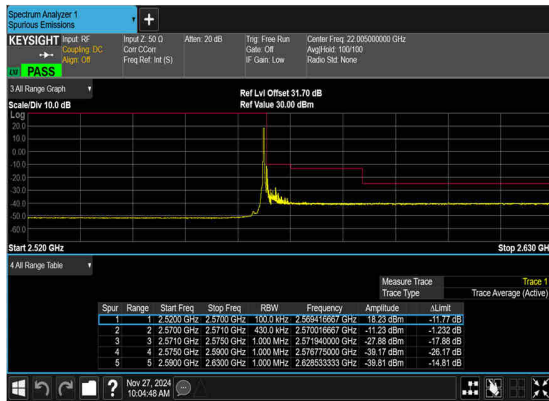
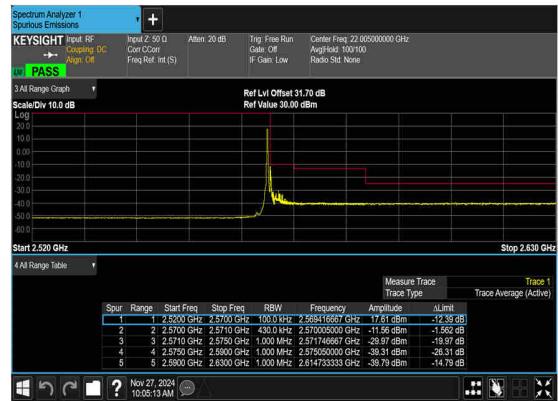
B2_N7(15M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N7(15M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

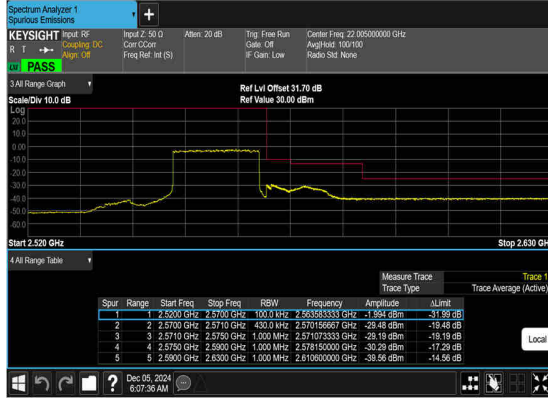


B2_N7(15M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CHB2_N7(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHB2_N7(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_chp_
PASSB2_N7(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

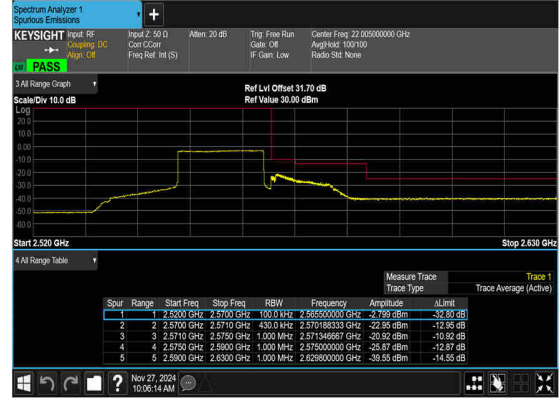
B2_N7(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHB2_N7(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CHB2_N7(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CHB2_N7(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N7(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B2_N7(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





FR1 N38 ANT2

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-1.77dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	50@25	24.03	22.26	0.1683
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@1	24.13	22.36	0.1722
38	30	40	518000	2590	DFT-s-OFDM PI/2 BPSK	1@104	24.13	22.36	0.1722
38	30	40	518000	2590	DFT-s-OFDM QPSK	50@25	24	22.23	0.1671
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@1	24.09	22.32	0.1706
38	30	40	518000	2590	DFT-s-OFDM QPSK	1@104	24.13	22.36	0.1722
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	50@25	23.03	21.26	0.1337
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@1	23.18	21.41	0.1384
38	30	40	518000	2590	DFT-s-OFDM 16 QAM	1@104	23.17	21.4	0.1380
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	50@25	21.53	19.76	0.0946
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@1	21.64	19.87	0.0971
38	30	40	518000	2590	DFT-s-OFDM 64 QAM	1@104	21.63	19.86	0.0968
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	50@25	19.49	17.72	0.0592
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@1	19.43	17.66	0.0583
38	30	40	518000	2590	DFT-s-OFDM 256 QAM	1@104	19.41	17.64	0.0581
38	30	40	518000	2590	CP-OFDM QPSK	53@26	22.6	20.83	0.1211
38	30	40	518000	2590	CP-OFDM QPSK	1@1	22.64	20.87	0.1222
38	30	40	518000	2590	CP-OFDM QPSK	1@104	22.57	20.8	0.1202
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	50@25	24.21	22.44	0.1754
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.89	22.12	0.1629
38	30	40	519000	2595	DFT-s-OFDM PI/2 BPSK	1@104	23.88	22.11	0.1626
38	30	40	519000	2595	DFT-s-OFDM QPSK	50@25	24.25	22.48	0.1770
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@1	23.83	22.06	0.1607
38	30	40	519000	2595	DFT-s-OFDM QPSK	1@104	23.9	22.13	0.1633
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	50@25	23.21	21.44	0.1393
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.91	21.14	0.1300
38	30	40	519000	2595	DFT-s-OFDM 16 QAM	1@104	23.04	21.27	0.1340
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	50@25	21.76	19.99	0.0998
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@1	21.3	19.53	0.0897
38	30	40	519000	2595	DFT-s-OFDM 64 QAM	1@104	21.44	19.67	0.0927
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	50@25	19.73	17.96	0.0625
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@1	19.09	17.32	0.0540
38	30	40	519000	2595	DFT-s-OFDM 256 QAM	1@104	19.18	17.41	0.0551
38	30	40	519000	2595	CP-OFDM QPSK	53@26	22.71	20.94	0.1242



38	30	40	519000	2595	CP-OFDM QPSK	1@1	22.32	20.55	0.1135
38	30	40	519000	2595	CP-OFDM QPSK	1@104	22.34	20.57	0.1140
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	50@25	24.25	22.48	0.1770
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@1	23.62	21.85	0.1531
38	30	40	520000	2600	DFT-s-OFDM PI/2 BPSK	1@104	23.94	22.17	0.1648
38	30	40	520000	2600	DFT-s-OFDM QPSK	50@25	24.26	22.49	0.1774
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@1	23.61	21.84	0.1528
38	30	40	520000	2600	DFT-s-OFDM QPSK	1@104	23.83	22.06	0.1607
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	50@25	23.26	21.49	0.1409
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@1	22.62	20.85	0.1216
38	30	40	520000	2600	DFT-s-OFDM 16 QAM	1@104	23.01	21.24	0.1330
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	50@25	21.8	20.03	0.1007
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@1	21.1	19.33	0.0857
38	30	40	520000	2600	DFT-s-OFDM 64 QAM	1@104	21.52	19.75	0.0944
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	50@25	19.73	17.96	0.0625
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@1	18.89	17.12	0.0515
38	30	40	520000	2600	DFT-s-OFDM 256 QAM	1@104	19.26	17.49	0.0561
38	30	40	520000	2600	CP-OFDM QPSK	53@26	22.73	20.96	0.1247
38	30	40	520000	2600	CP-OFDM QPSK	1@1	22.07	20.3	0.1072
38	30	40	520000	2600	CP-OFDM QPSK	1@104	22.4	20.63	0.1156
38	30	20	516000	2580	DFT-s-OFDM PI/2 BPSK	1@1	24.07	22.3	0.1698
38	30	20	516000	2580	DFT-s-OFDM QPSK	1@1	24.1	22.33	0.1710
38	30	20	516000	2580	DFT-s-OFDM 16 QAM	1@1	23.17	21.4	0.1380
38	30	20	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.82	22.05	0.1603
38	30	20	519000	2595	DFT-s-OFDM QPSK	1@1	23.78	22.01	0.1589
38	30	20	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.87	21.1	0.1288
38	30	20	522000	2610	DFT-s-OFDM PI/2 BPSK	1@1	24.35	22.58	0.1811
38	30	20	522000	2610	DFT-s-OFDM QPSK	1@1	24.29	22.52	0.1786
38	30	20	522000	2610	DFT-s-OFDM 16 QAM	1@1	23.5	21.73	0.1489
38	30	30	517000	2585	DFT-s-OFDM PI/2 BPSK	1@1	24.14	22.37	0.1726
38	30	30	517000	2585	DFT-s-OFDM QPSK	1@1	24.15	22.38	0.1730
38	30	30	517000	2585	DFT-s-OFDM 16 QAM	1@1	23.2	21.43	0.1390
38	30	30	519000	2595	DFT-s-OFDM PI/2 BPSK	1@1	23.67	21.9	0.1549
38	30	30	519000	2595	DFT-s-OFDM QPSK	1@1	23.63	21.86	0.1535
38	30	30	519000	2595	DFT-s-OFDM 16 QAM	1@1	22.81	21.04	0.1271
38	30	30	521000	2605	DFT-s-OFDM PI/2 BPSK	1@1	24.14	22.37	0.1726
38	30	30	521000	2605	DFT-s-OFDM QPSK	1@1	24.11	22.34	0.1714
38	30	30	521000	2605	DFT-s-OFDM 16 QAM	1@1	23.19	21.42	0.1387



Software Version: 23.06.1602

FR1 N41 ANT2

Transmitter Conducted Output Power And EIRP, (G_T - L_c)=-1.52dB

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	26.2	24.68	0.2938
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	26.22	24.7	0.2951
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	25.23	23.71	0.2350
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.31	24.79	0.3013
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.31	24.79	0.3013
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.35	23.83	0.2415
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	26.21	24.69	0.2944
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	26.24	24.72	0.2965
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	25.17	23.65	0.2317
41	30	30	502200	2511	DFT-s-OFDM PI/2 BPSK	1@1	26.22	24.7	0.2951
41	30	30	502200	2511	DFT-s-OFDM QPSK	1@1	26.2	24.68	0.2938
41	30	30	502200	2511	DFT-s-OFDM 16 QAM	1@1	25.26	23.74	0.2366
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.25	24.73	0.2972
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.19	24.67	0.2931
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.28	23.76	0.2377
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	26.23	24.71	0.2958
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	26.22	24.7	0.2951
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	25.3	23.78	0.2388
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	26.28	24.76	0.2992
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	26.22	24.7	0.2951
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	25.25	23.73	0.2360
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.28	24.76	0.2992
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	26.22	24.7	0.2951
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	25.29	23.77	0.2382
41	30	40	534000	2670	DFT-s-OFDM PI/2 BPSK	1@1	26.34	24.82	0.3034
41	30	40	534000	2670	DFT-s-OFDM QPSK	1@1	26.33	24.81	0.3027
41	30	40	534000	2670	DFT-s-OFDM 16 QAM	1@1	25.35	23.83	0.2415
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	26.03	24.51	0.2825
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	26.06	24.54	0.2844
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	25.11	23.59	0.2286
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26.01	24.49	0.2812
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.99	24.47	0.2799
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.97	23.45	0.2213
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	26.04	24.52	0.2831



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	25.99	24.47	0.2799
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	24.95	23.43	0.2203
41	30	60	505200	2526	DFT-s-OFDM PI/2 BPSK	1@1	26.08	24.56	0.2858
41	30	60	505200	2526	DFT-s-OFDM QPSK	1@1	26.1	24.58	0.2871
41	30	60	505200	2526	DFT-s-OFDM 16 QAM	1@1	25.01	23.49	0.2234
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	26	24.48	0.2805
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.93	24.41	0.2761
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.95	23.43	0.2203
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	26.01	24.49	0.2812
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	25.99	24.47	0.2799
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	24.84	23.32	0.2148
41	30	70	505200	2531.01	DFT-s-OFDM PI/2 BPSK	1@1	25.92	24.4	0.2754
41	30	70	505200	2531.01	DFT-s-OFDM QPSK	1@1	25.92	24.4	0.2754
41	30	70	505200	2531.01	DFT-s-OFDM 16 QAM	1@1	24.86	23.34	0.2158
41	30	70	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.68	24.16	0.2606
41	30	70	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.64	24.12	0.2582
41	30	70	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.66	23.14	0.2061
41	30	70	531996	2655	DFT-s-OFDM PI/2 BPSK	1@1	25.94	24.42	0.2767
41	30	70	531996	2655	DFT-s-OFDM QPSK	1@1	25.81	24.29	0.2685
41	30	70	531996	2655	DFT-s-OFDM 16 QAM	1@1	24.73	23.21	0.2094
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	25.87	24.35	0.2723
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	25.88	24.36	0.2729
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	24.96	23.44	0.2208
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.64	24.12	0.2582
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.63	24.11	0.2576
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.59	23.07	0.2028
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	25.84	24.32	0.2704
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	25.71	24.19	0.2624
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	24.76	23.24	0.2109
41	30	90	508200	2541	DFT-s-OFDM PI/2 BPSK	1@1	25.84	24.32	0.2704
41	30	90	508200	2541	DFT-s-OFDM QPSK	1@1	25.83	24.31	0.2698
41	30	90	508200	2541	DFT-s-OFDM 16 QAM	1@1	24.9	23.38	0.2178
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.74	24.22	0.2642
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.67	24.15	0.2600
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.71	23.19	0.2084
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	25.74	24.22	0.2642
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	25.75	24.23	0.2649
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	24.75	23.23	0.2104
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	25.91	24.39	0.2748
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	25.88	24.36	0.2729
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	25.97	24.45	0.2786



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	25.87	24.35	0.2723
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	25.88	24.36	0.2729
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	26.04	24.52	0.2831
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	24.87	23.35	0.2163
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	24.9	23.38	0.2178
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	25.03	23.51	0.2244
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	23.34	21.82	0.1521
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	23.16	21.64	0.1459
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	23.43	21.91	0.1552
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	21.37	19.85	0.0966
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	21.22	19.7	0.0933
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	21.41	19.89	0.0975
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	24.36	22.84	0.1923
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	24.37	22.85	0.1928
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	24.52	23	0.1995
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	25.91	24.39	0.2748
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	25.57	24.05	0.2541
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	26.03	24.51	0.2825
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	25.89	24.37	0.2735
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	25.58	24.06	0.2547
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	26.04	24.52	0.2831
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	24.9	23.38	0.2178
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	24.66	23.14	0.2061
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	25.02	23.5	0.2239
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	23.29	21.77	0.1503
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	22.85	21.33	0.1358
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	23.31	21.79	0.1510
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	21.29	19.77	0.0948
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.87	19.35	0.0861
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	21.48	19.96	0.0991
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	24.23	22.71	0.1866
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	24.08	22.56	0.1803
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	24.48	22.96	0.1977
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	135@67	25.98	24.46	0.2793
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@1	25.74	24.22	0.2642
41	30	100	528000	2640	DFT-s-OFDM PI/2 BPSK	1@271	26.1	24.58	0.2871
41	30	100	528000	2640	DFT-s-OFDM QPSK	135@67	25.82	24.3	0.2692
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@1	25.71	24.19	0.2624
41	30	100	528000	2640	DFT-s-OFDM QPSK	1@271	26.11	24.59	0.2877
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	135@67	24.85	23.33	0.2153
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@1	24.69	23.17	0.2075



NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
41	30	100	528000	2640	DFT-s-OFDM 16 QAM	1@271	25.02	23.5	0.2239
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	135@67	23.35	21.83	0.1524
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@1	23	21.48	0.1406
41	30	100	528000	2640	DFT-s-OFDM 64 QAM	1@271	23.43	21.91	0.1552
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	135@67	21.35	19.83	0.0962
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@1	21.09	19.57	0.0906
41	30	100	528000	2640	DFT-s-OFDM 256 QAM	1@271	21.5	19.98	0.0995
41	30	100	528000	2640	CP-OFDM QPSK	137@68	24.44	22.92	0.1959
41	30	100	528000	2640	CP-OFDM QPSK	1@1	24.25	22.73	0.1875
41	30	100	528000	2640	CP-OFDM QPSK	1@271	24.64	23.12	0.2051



Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0034	PASS	NV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	-0.0032	PASS	LV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0027	PASS	HV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0021	PASS	-30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0016	PASS	-20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0012	PASS	-10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0015	PASS	0°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	-0.0032	PASS	10°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0021	PASS	20°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	-0.0025	PASS	30°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	-0.0014	PASS	40°C
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.0019	PASS	50°C



Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	6.97	13	PASS
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	5.88	13	PASS
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	6.93	13	PASS
41	30	20	518598	2592.99	CP-OFDM 16 QAM	1@0	6.55	13	PASS



N41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH





Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.205	19.7
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.204	19.11
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.168	19.08
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.213	19.38
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.839	29.23
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.906	29.15
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.877	29.4
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.924	28.79
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.882	39.25
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.836	39.07
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.819	39.63
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.852	39.92
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.542	49.41
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.602	49.23
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.624	48.98
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.496	49.13
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.851	59.98
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.873	60.04
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.902	60.05
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.802	59.65
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.366	69.54
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.544	69.72



41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.519	69.91
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.641	69.73
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.459	79.97
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.603	80.04
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.558	80.26
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.622	80.02
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.588	90.26
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.47	90.41
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.452	90.4
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.594	90.23
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.607	100.7
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.563	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.399	100.4
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.572	100.5



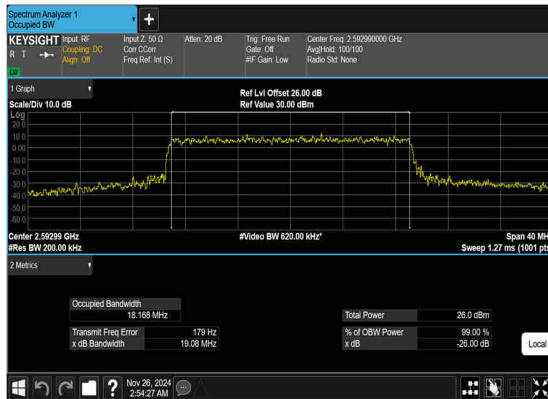
N41(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



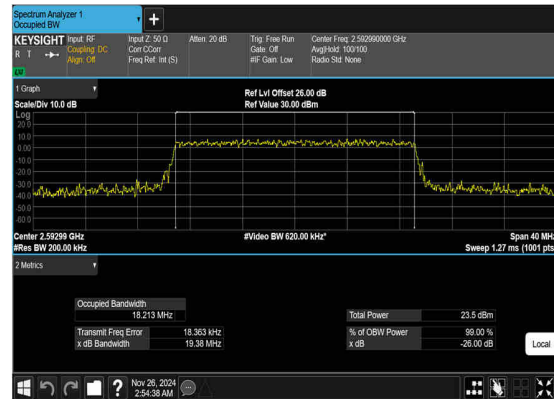
N41(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

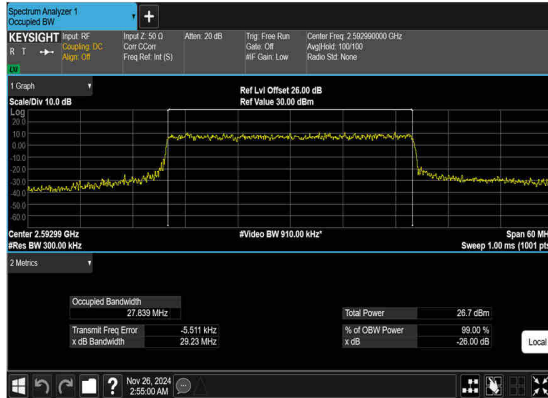


N41(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

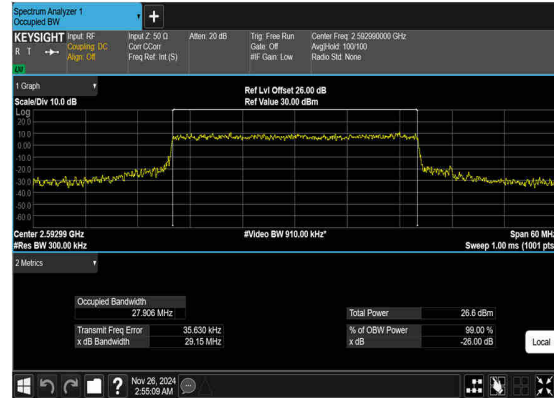




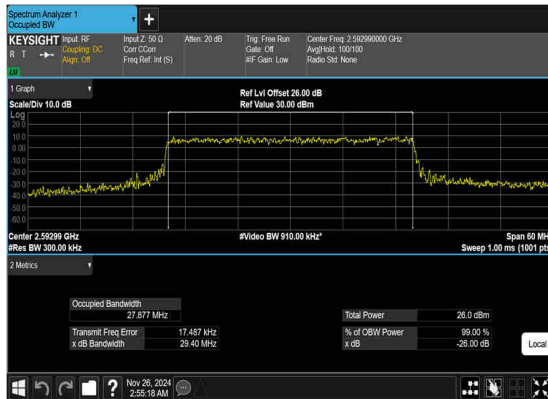
N41(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N41(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

