

**Occupied Bandwidth**  
**FCC Part 22H**

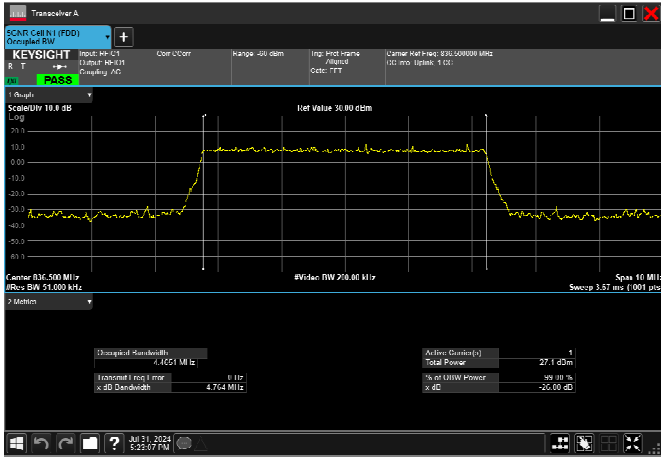
n5

Mode	99% OBW (MHz)	EBW (MHz)
n5_5MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB25@0	4.465	4.764
n5_5MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB25@0	4.465	4.755
n5_5MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB25@0	4.464	4.753
n5_5MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB25@0	4.488	4.773
n5_5MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB25@0	4.463	4.794
n5_5MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB25@0	4.463	4.781
n5_5MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB25@0	4.481	4.770
n5_5MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB25@0	4.470	4.766
n5_5MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB25@0	4.468	4.772
n5_10MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.176	9.282
n5_10MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB50@0	9.219	9.369
n5_10MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB50@0	9.255	9.377
n5_10MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB50@0	9.212	9.376
n5_10MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB50@0	9.210	9.393
n5_10MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB52@0	9.283	9.741
n5_10MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB52@0	9.298	9.769
n5_10MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB52@0	9.288	9.683
n5_10MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB52@0	9.282	9.754

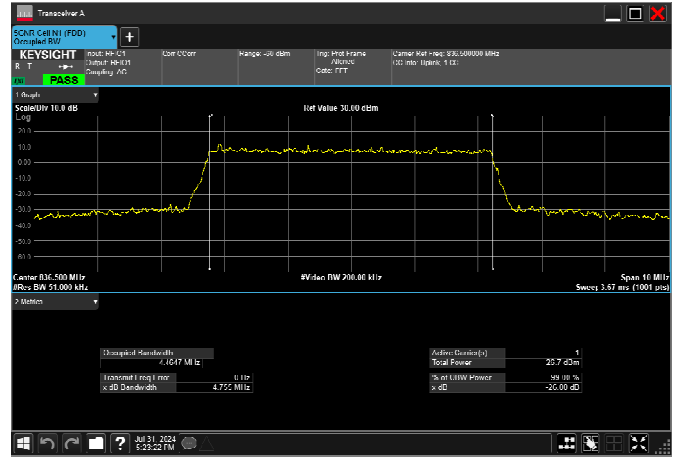
Mode	99% OBW (MHz)	EBW (MHz)
n5_15MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	13.982	14.082
n5_15MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB75@0	14.008	14.075
n5_15MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB75@0	14.054	14.053
n5_15MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB75@0	13.984	14.055
n5_15MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB75@0	13.948	14.032
n5_15MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB79@0	14.066	14.732
n5_15MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB79@0	14.105	14.669
n5_15MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB79@0	14.106	14.734
n5_15MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB79@0	14.058	14.771
n5_20MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	18.748	18.648
n5_20MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB100@0	18.760	18.619
n5_20MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB100@0	18.736	18.654
n5_20MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB100@0	18.659	18.558
n5_20MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB100@0	18.650	18.562
n5_20MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB106@0	<b>18.903</b>	19.697
n5_20MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB106@0	18.895	19.663
n5_20MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB106@0	18.897	19.649
n5_20MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB106@0	18.897	19.620

n5

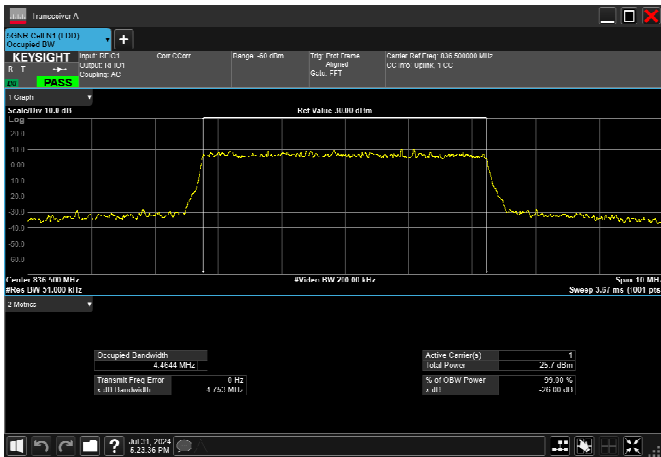
n5\_5MHz\_15kHz\_836.5MHz\_DFT-s-OFDM  $\pi/2$   
BPSK\_RB25@0 4.465MHz



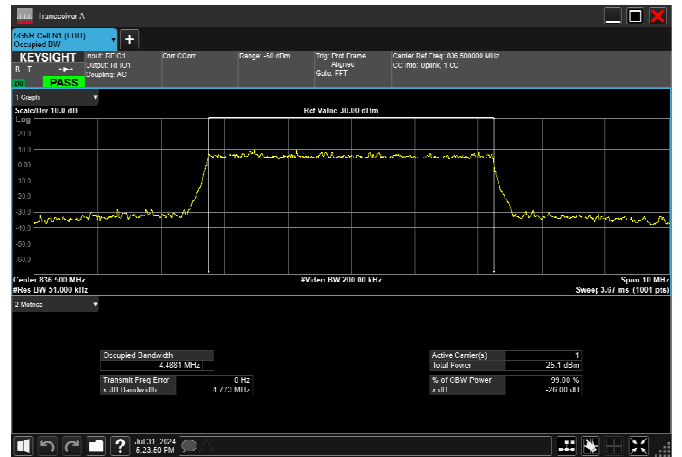
n5\_5MHz\_15kHz\_836.5MHz\_DFT-s-OFDM  
QPSK\_RB25@0 4.465MHz



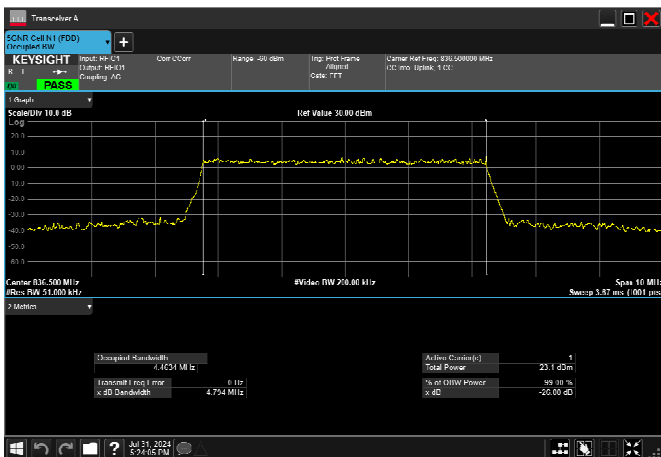
n5\_5MHz\_15kHz\_836.5MHz\_DFT-s-OFDM 16  
QAM\_RB25@0 4.464MHz



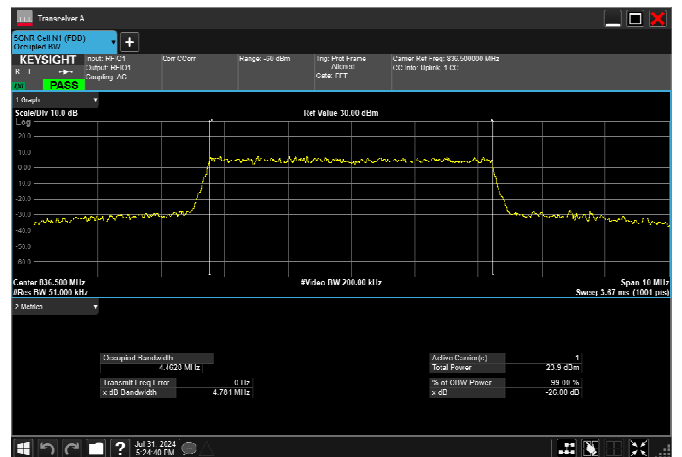
n5\_5MHz\_15kHz\_836.5MHz\_DFT-s-OFDM 64  
QAM\_RB25@0 4.488MHz



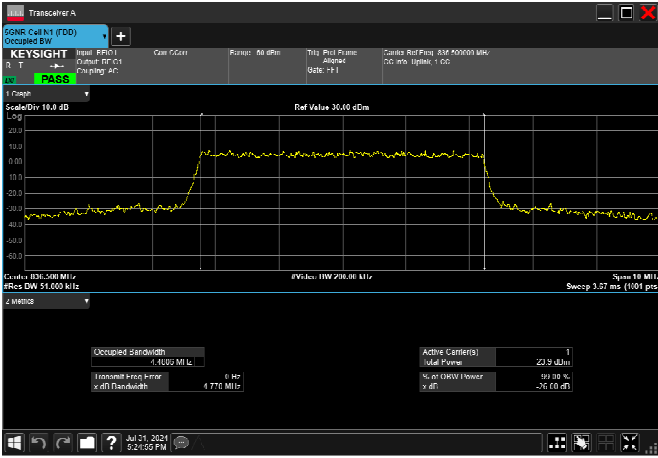
n5\_5MHz\_15kHz\_836.5MHz\_DFT-s-OFDM 256  
QAM\_RB25@0 4.463MHz



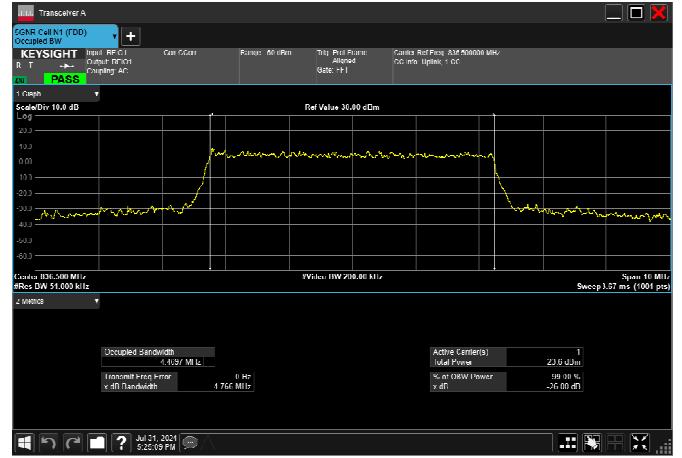
n5\_5MHz\_15kHz\_836.5MHz\_CP-OFDM QPSK\_RB25@0  
4.463MHz



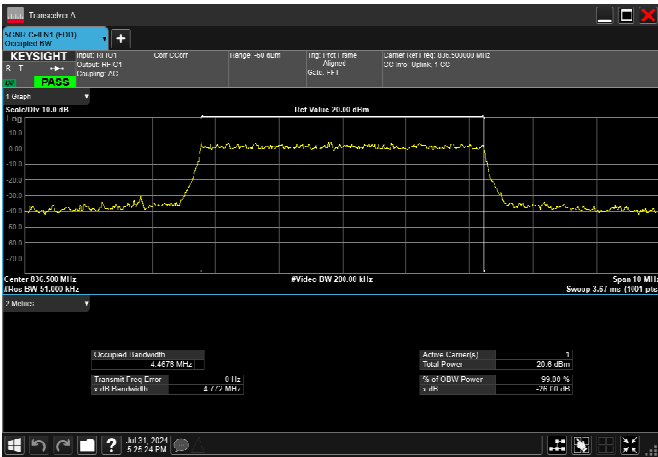
n5\_5MHz\_15kHz\_836.5MHz\_CP-OFDM 16  
QAM\_RB25@0 4.481MHz



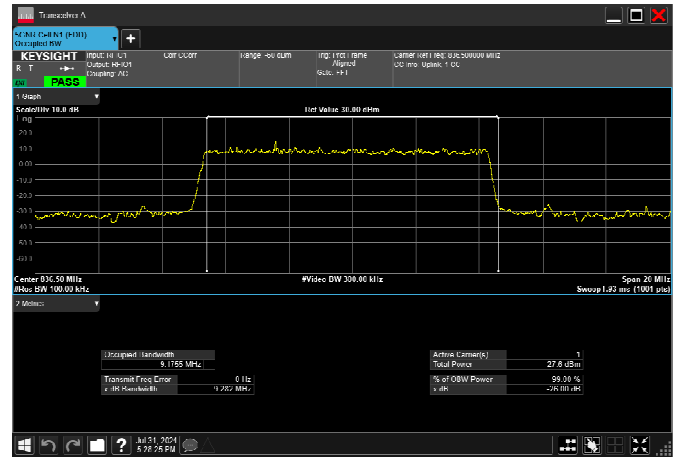
n5\_5MHz\_15kHz\_836.5MHz\_CP-OFDM 64 QAM\_RB25@0  
4.470MHz



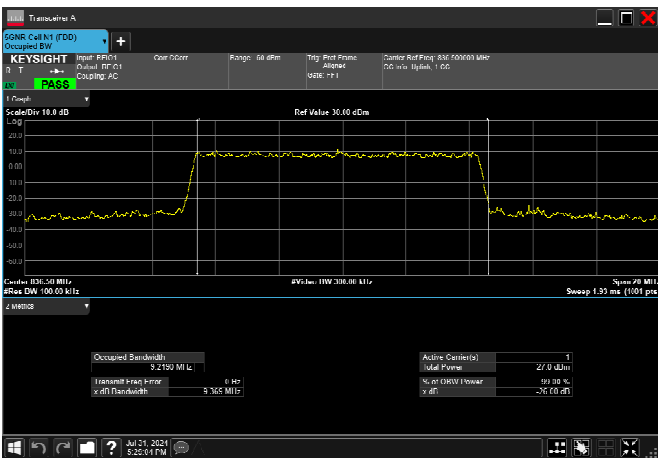
n5\_5MHz\_15kHz\_836.5MHz\_CP-OFDM 256  
QAM\_RB25@0 4.468MHz



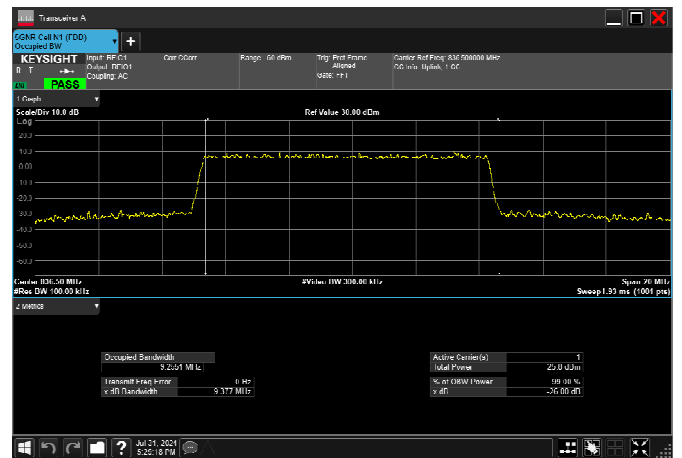
n5\_10MHz\_15kHz\_836.5MHz\_DFT-s-OFDM  $\pi/2$   
BPSK\_RB50@0 9.176MHz



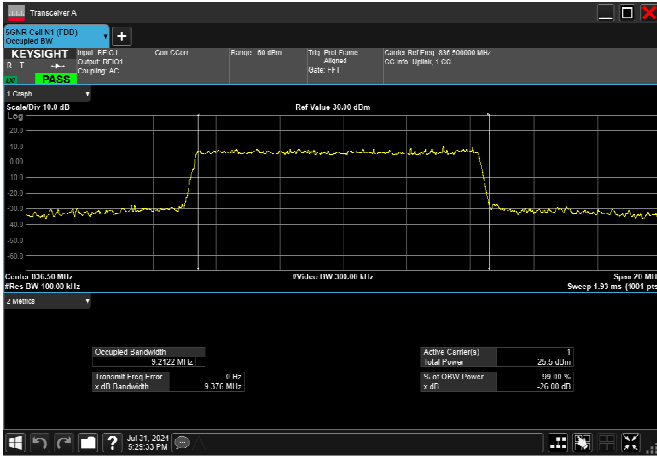
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QPSK\_RB50@0 9.219MHz



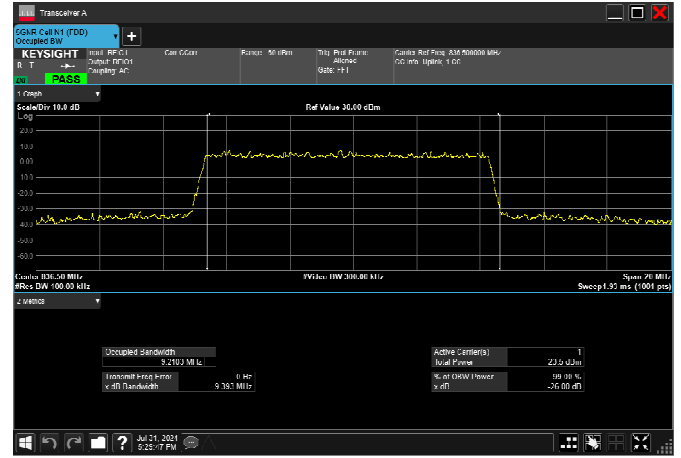
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QAM\_RB50@0 9.255MHz



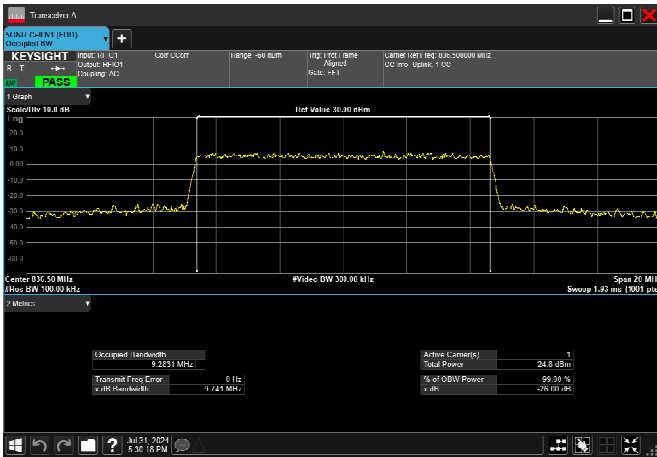
n5\_10MHz\_15kHz\_836.5MHz\_DFT-s-OFDM 64  
QAM\_RB50@0 9.212MHz



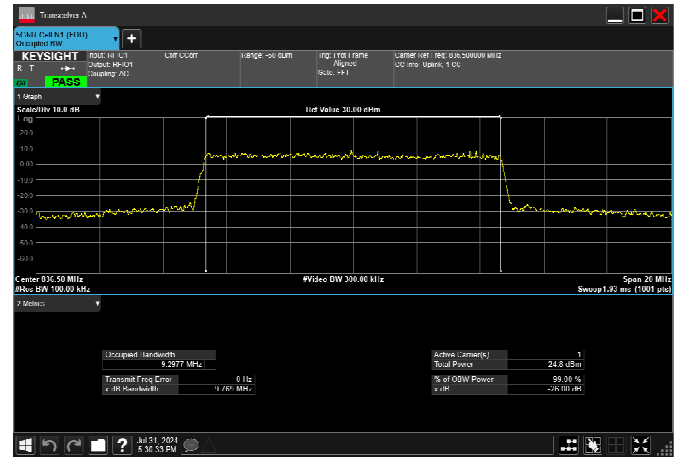
n5\_10MHz\_15kHz\_836.5MHz\_DFT-s-OFDM 256  
QAM\_RB50@0 9.210MHz



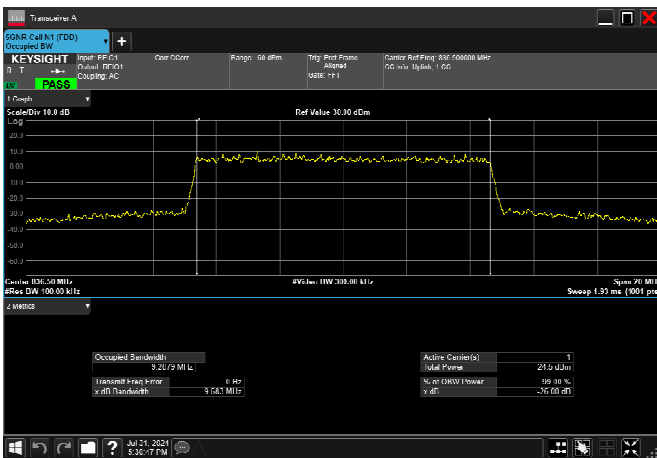
n5\_10MHz\_15kHz\_836.5MHz\_CP-OFDM QPSK\_RB52@0  
9.283MHz



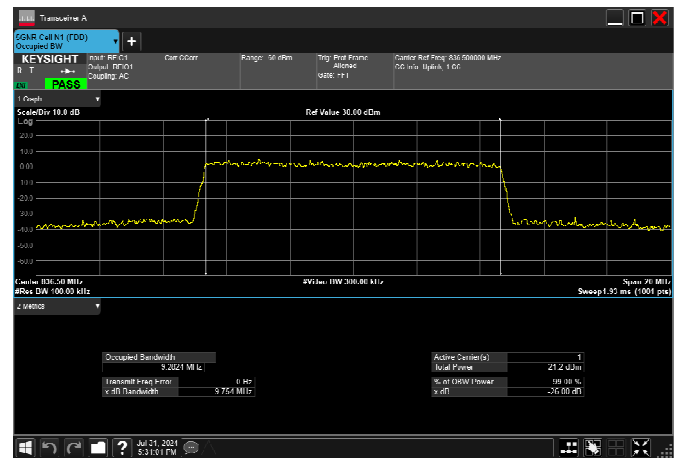
n5\_10MHz\_15kHz\_836.5MHz\_CP-OFDM 16  
QAM\_RB52@0 9.298MHz



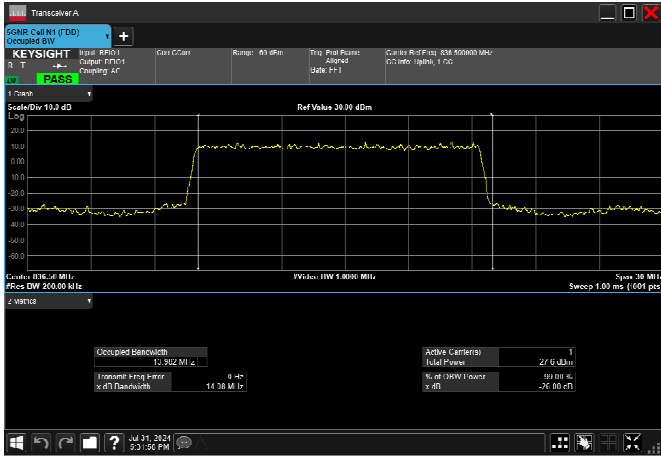
n5\_10MHz\_15kHz\_836.5MHz\_CP-OFDM 64  
QAM\_RB52@0 9.288MHz



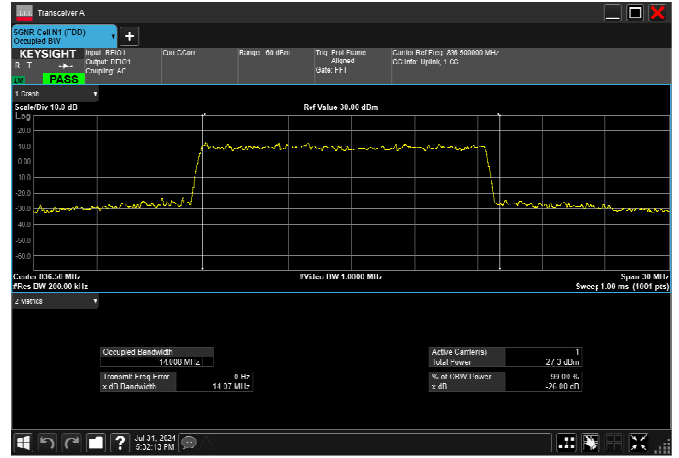
n5\_10MHz\_15kHz\_836.5MHz\_CP-OFDM 256  
QAM\_RB52@0 9.282MHz



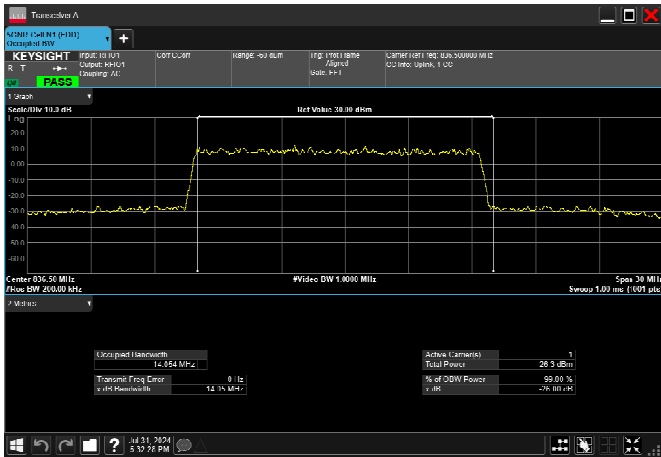
n5\_15MHz\_15kHz\_836.5MHz\_DFT-s-OFDM  $\pi/2$   
BPSK\_RB75@0 13.982MHz



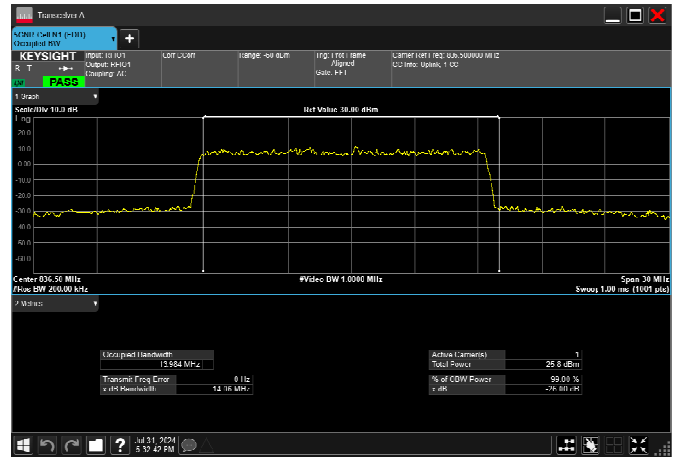
n5\_15MHz\_15kHz\_836.5MHz\_DFT-s-OFDM  
QPSK\_RB75@0 14.008MHz



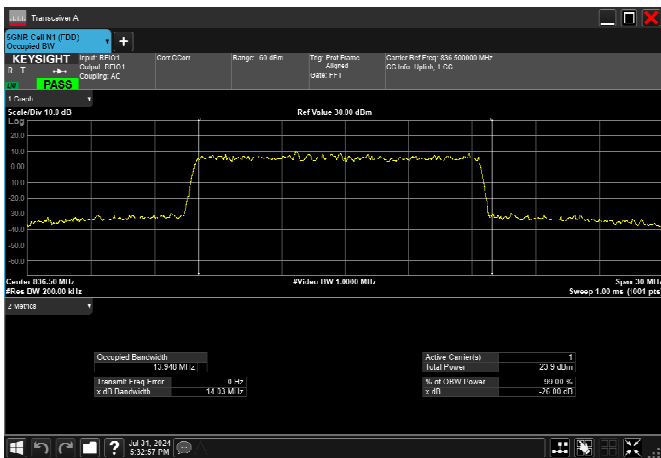
n5\_15MHz\_15kHz\_836.5MHz\_DFT-s-OFDM 16  
QAM\_RB75@0 14.054MHz



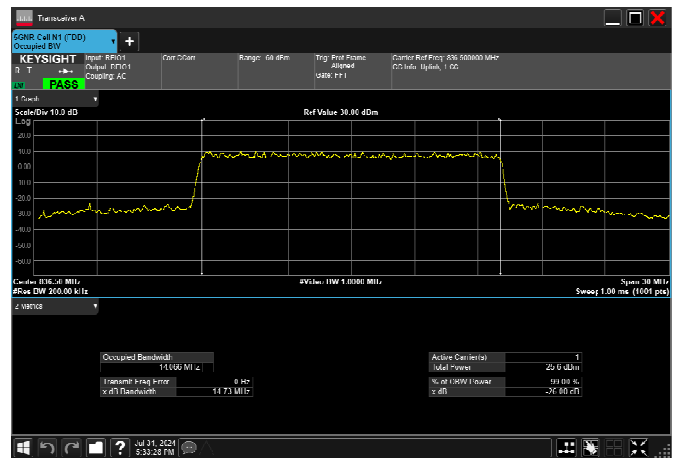
n5\_15MHz\_15kHz\_836.5MHz\_DFT-s-OFDM 64  
QAM\_RB75@0 13.984MHz



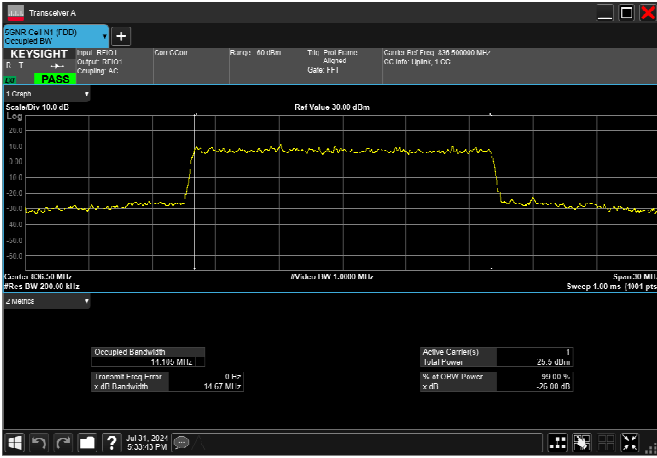
n5\_15MHz\_15kHz\_836.5MHz\_DFT-s-OFDM 256  
QAM\_RB75@0 13.948MHz



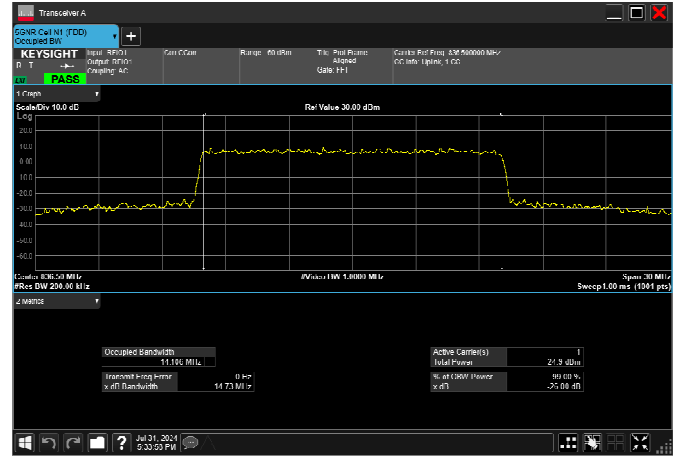
n5\_15MHz\_15kHz\_836.5MHz\_CP-OFDM QPSK\_RB79@0  
14.066MHz



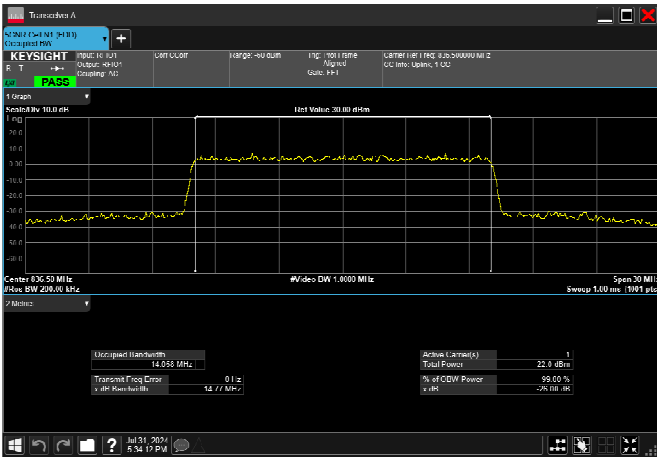
n5\_15MHz\_15kHz\_836.5MHz\_CP-OFDM 16  
QAM\_RB79@0 14.105MHz



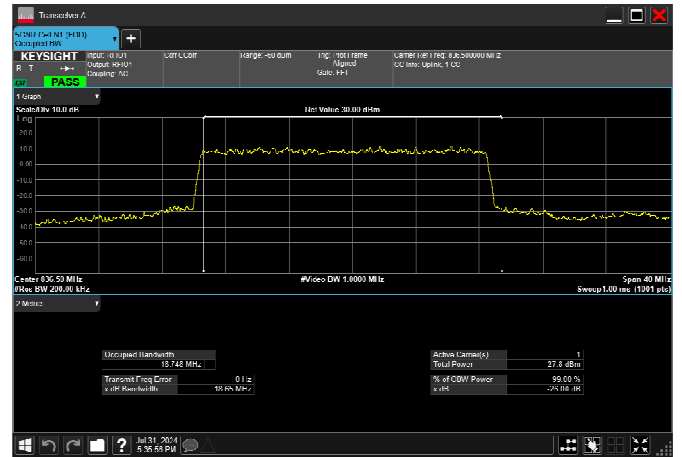
n5\_15MHz\_15kHz\_836.5MHz\_CP-OFDM 64  
QAM\_RB79@0 14.106MHz



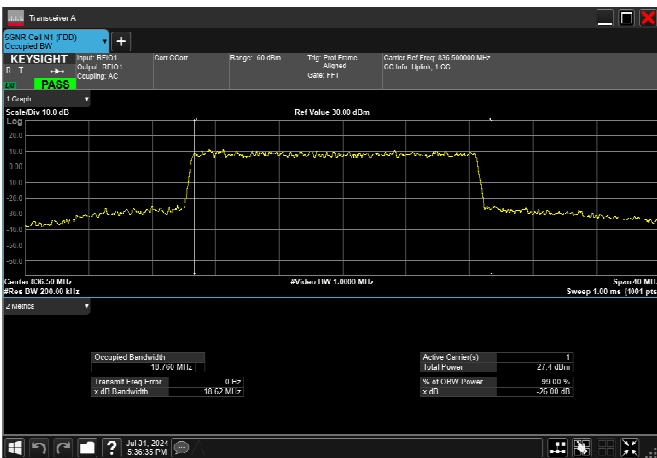
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QAM\_RB79@0 14.058MHz



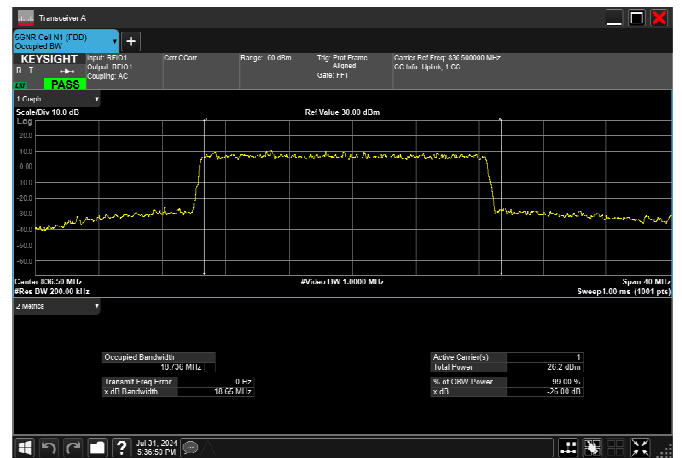
n5\_20MHz\_15kHz\_836.5MHz\_DFT-s-OFDM  $\pi/2$   
BPSK\_RB100@0 18.748MHz



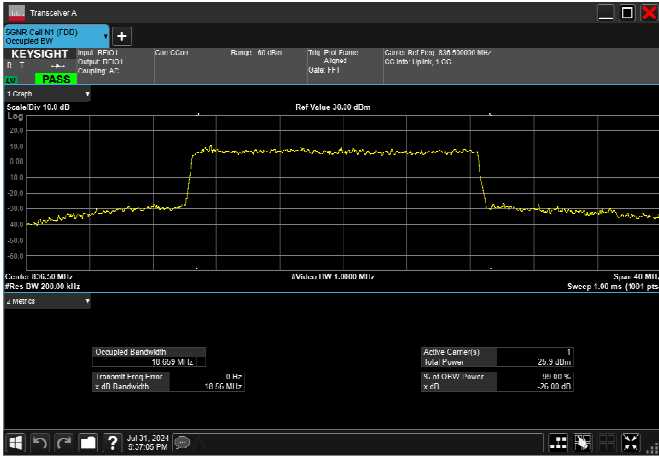
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QPSK\_RB100@0 18.760MHz



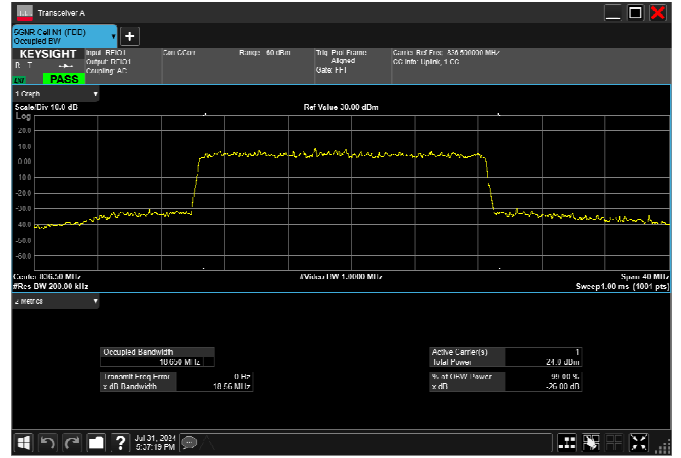
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QAM\_RB100@0 18.736MHz



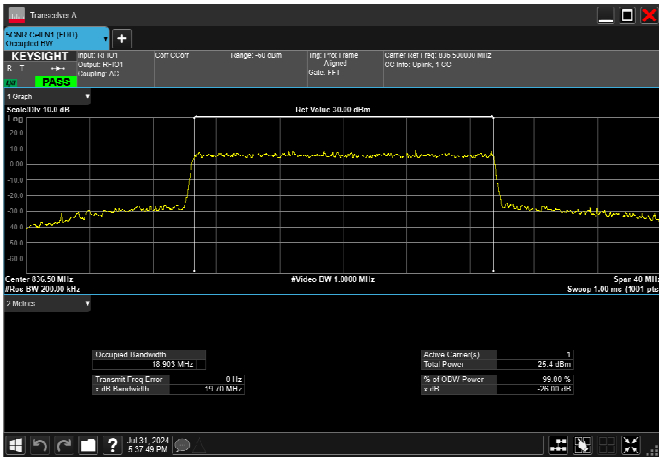
n5\_20MHz\_15kHz\_836.5MHz\_DFT-s-OFDM 64  
QAM\_RB100@0 18.659MHz



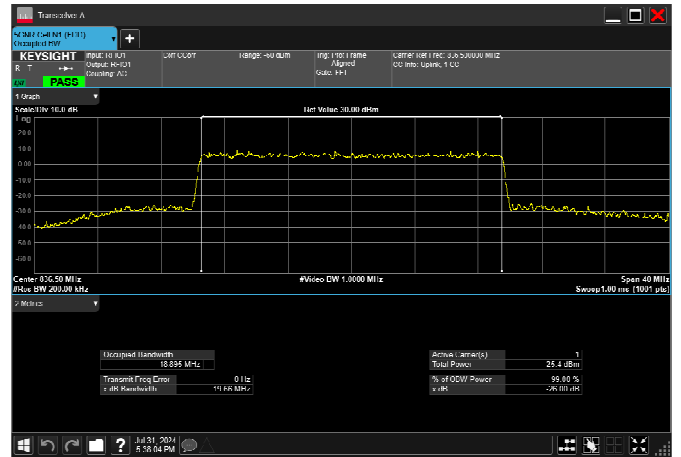
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QAM\_RB100@0 18.650MHz



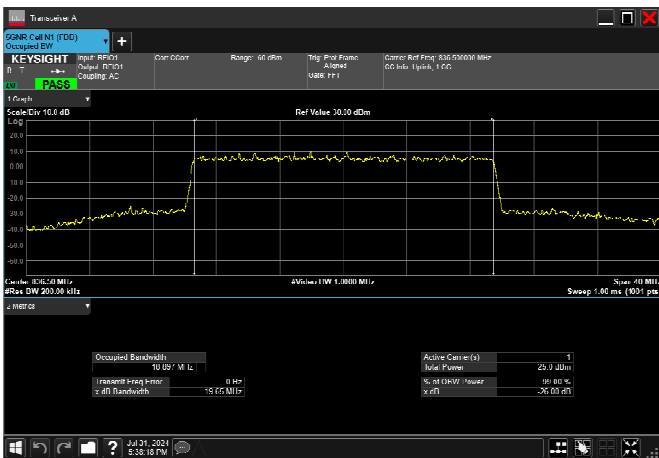
n5\_20MHz\_15kHz\_836.5MHz\_CP-OFDM  
QPSK\_RB106@0 18.903MHz



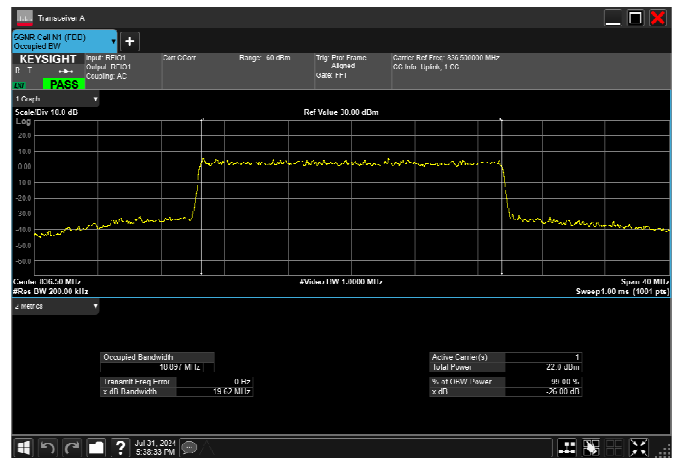
n5\_20MHz\_15kHz\_836.5MHz\_CP-OFDM 16  
QAM\_RB106@0 18.895MHz



n5\_20MHz\_15kHz\_836.5MHz\_CP-OFDM 64  
QAM\_RB106@0 18.897MHz



n5\_20MHz\_15kHz\_836.5MHz\_CP-OFDM 256  
QAM\_RB106@0 18.897MHz





FCC Part 27

n7

Mode	99% OBW (MHz)	EBW (MHz)
n7_5MHz_15kHz_2535MHz_DFT-s-OFDM $\pi/2$ BPSK_RB25@0	4.447	4.751
n7_5MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB25@0	4.463	4.780
n7_5MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB25@0	4.464	4.769
n7_5MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB25@0	4.487	4.824
n7_5MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB25@0	4.464	4.789
n7_5MHz_15kHz_2535MHz_CP-OFDM QPSK_RB25@0	4.464	4.784
n7_5MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB25@0	4.468	4.792
n7_5MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB25@0	4.469	4.816
n7_5MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB25@0	4.467	4.773
n7_10MHz_15kHz_2535MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.174	9.405
n7_10MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB50@0	9.240	9.378
n7_10MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB50@0	9.179	9.406
n7_10MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB50@0	9.203	9.378
n7_10MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB50@0	9.178	9.398
n7_10MHz_15kHz_2535MHz_CP-OFDM QPSK_RB52@0	9.285	9.792
n7_10MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB52@0	9.293	9.800
n7_10MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB52@0	9.286	9.672
n7_10MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB52@0	9.259	9.723

Mode	99% OBW (MHz)	EBW (MHz)
n7_15MHz_15kHz_2535MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	13.935	14.072
n7_15MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB75@0	13.984	14.089
n7_15MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB75@0	13.948	14.061
n7_15MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB75@0	13.946	14.067
n7_15MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB75@0	13.932	14.094
n7_15MHz_15kHz_2535MHz_CP-OFDM QPSK_RB79@0	14.061	14.758
n7_15MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB79@0	14.112	14.683
n7_15MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB79@0	14.058	14.712
n7_15MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB79@0	14.054	14.788
n7_20MHz_15kHz_2535MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	18.743	18.641
n7_20MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB100@0	18.752	18.618
n7_20MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB100@0	18.721	18.639
n7_20MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB100@0	18.647	18.618
n7_20MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB100@0	18.651	18.512
n7_20MHz_15kHz_2535MHz_CP-OFDM QPSK_RB106@0	18.885	19.686
n7_20MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB106@0	18.886	19.701
n7_20MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB106@0	18.892	19.584
n7_20MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB106@0	<b>18.893</b>	19.634