

N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



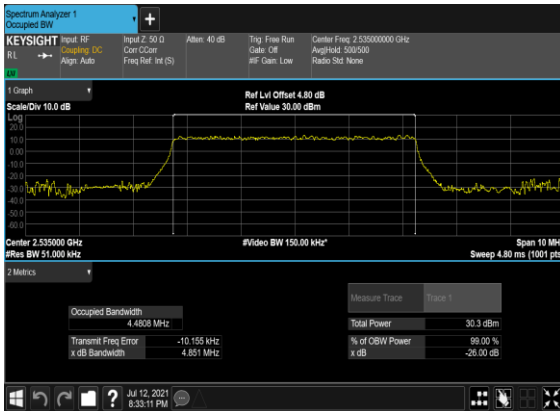
N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



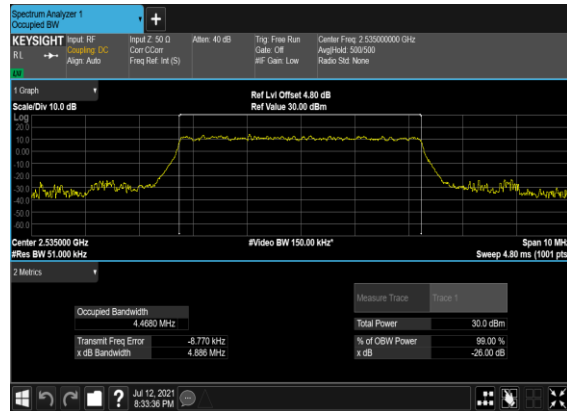
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
7	15	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4808	4.851
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	25@0	4.468	4.886
7	15	5	531000	2535.0	CP-OFDM QPSK	25@0	4.469	4.952
7	15	5	531000	2535.0	CP-OFDM 16 QAM	25@0	4.4931	4.962
7	15	5	531000	2535.0	CP-OFDM 64 QAM	25@0	4.4624	4.898
7	15	5	531000	2535.0	CP-OFDM 256 QAM	25@0	4.4802	4.896
7	15	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	50@0	8.8918	9.451
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	50@0	8.9196	9.53
7	15	10	531000	2535.0	CP-OFDM QPSK	52@0	9.2825	9.963
7	15	10	531000	2535.0	CP-OFDM 16 QAM	52@0	9.2879	9.905
7	15	10	531000	2535.0	CP-OFDM 64 QAM	52@0	9.28	9.914
7	15	10	531000	2535.0	CP-OFDM 256 QAM	52@0	9.2927	9.825
7	15	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	75@0	13.389	14.12
7	15	15	531000	2535.0	DFT-s-OFDM QPSK	75@0	13.396	14.17
7	15	15	531000	2535.0	CP-OFDM QPSK	79@0	14.084	14.88
7	15	15	531000	2535.0	CP-OFDM 16 QAM	79@0	14.094	14.78
7	15	15	531000	2535.0	CP-OFDM 64 QAM	79@0	14.101	14.79
7	15	15	531000	2535.0	CP-OFDM 256 QAM	79@0	14.067	14.86
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	17.898	18.64
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	17.861	18.67
7	15	20	531000	2535.0	CP-OFDM QPSK	106@0	18.896	19.84
7	15	20	531000	2535.0	CP-OFDM 16 QAM	106@0	18.912	19.72
7	15	20	531000	2535.0	CP-OFDM 64 QAM	106@0	18.906	19.85
7	15	20	531000	2535.0	CP-OFDM 256 QAM	106@0	18.904	19.75

### N7(5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



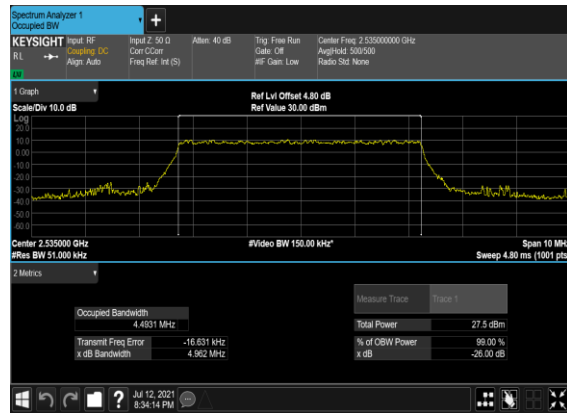
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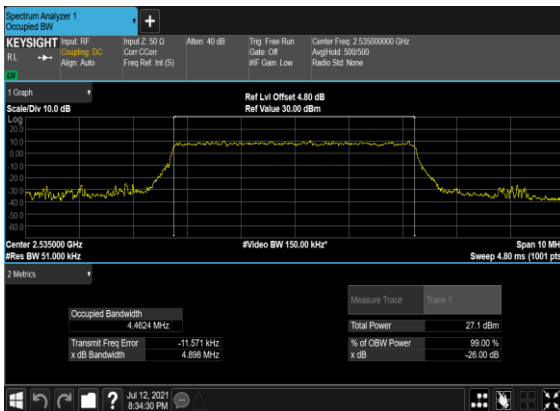
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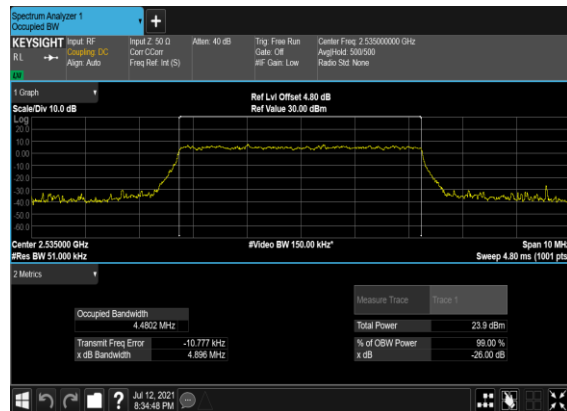
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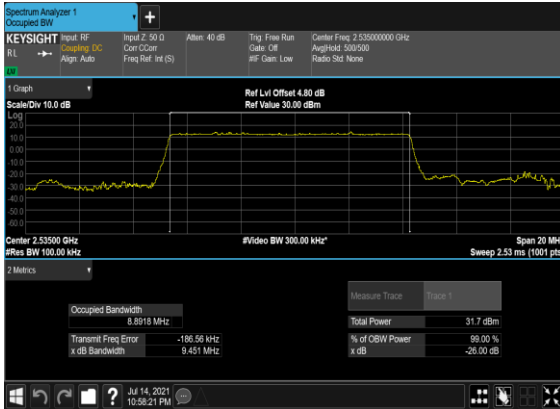
### N7(5M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



### N7(5M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### N7(10M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### N7(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



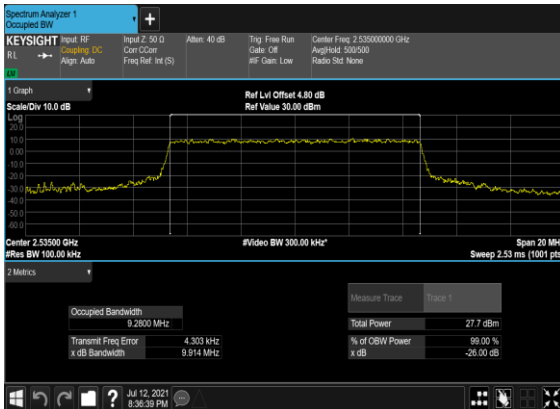
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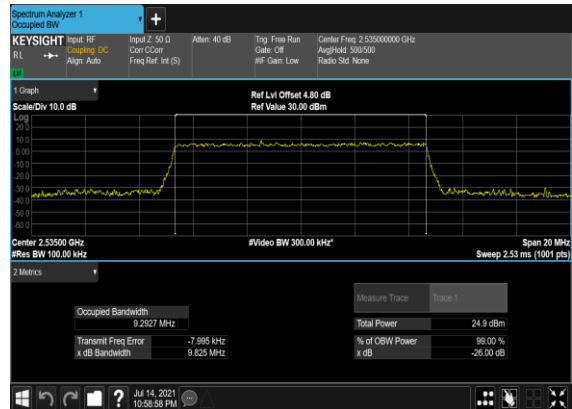
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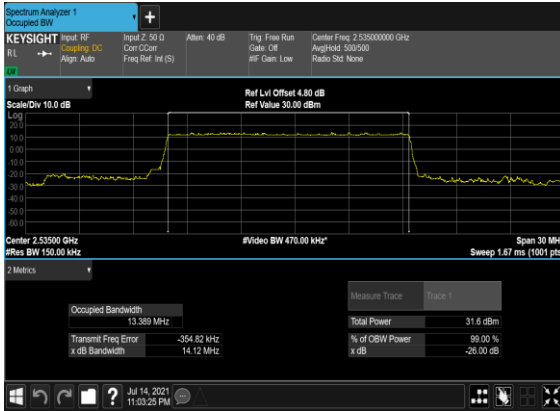
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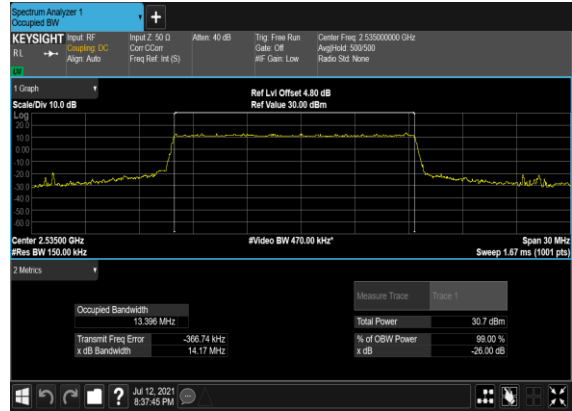
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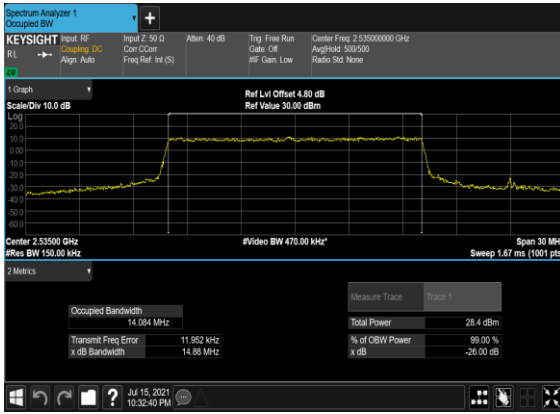
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### N7(15M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



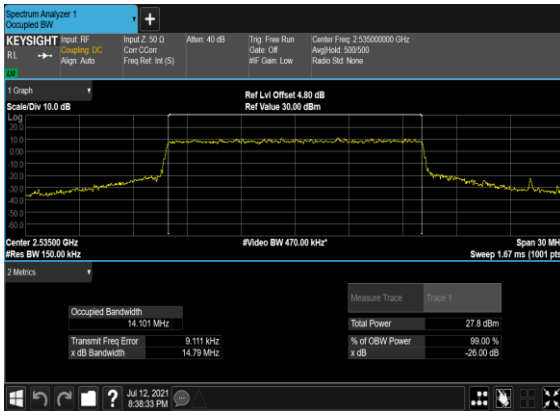
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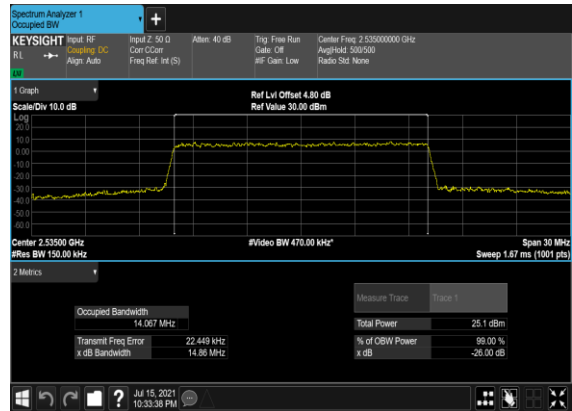
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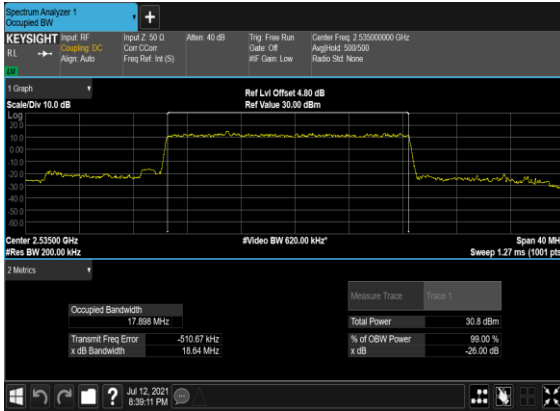
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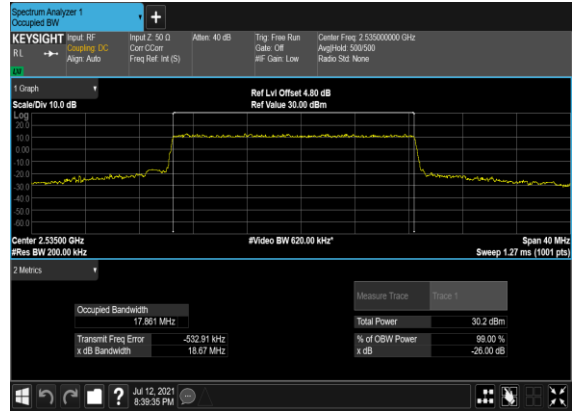
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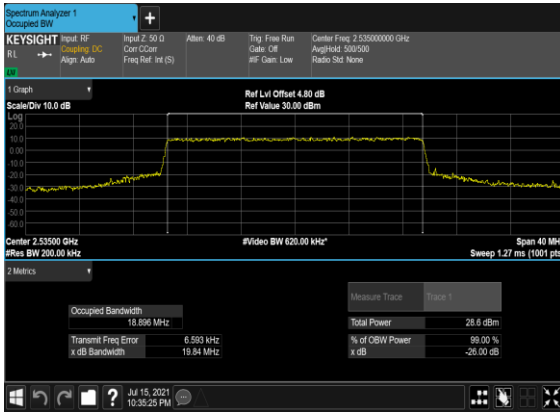
### N7(20M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### N7(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



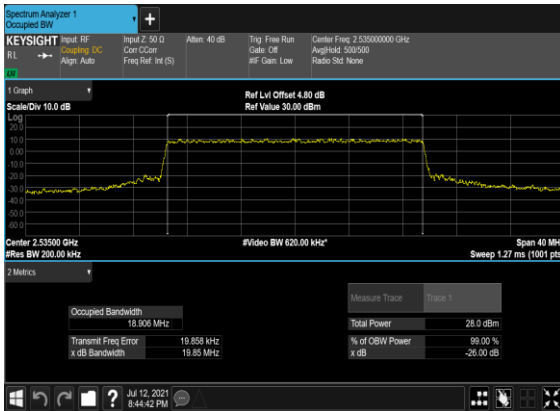
### N7(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



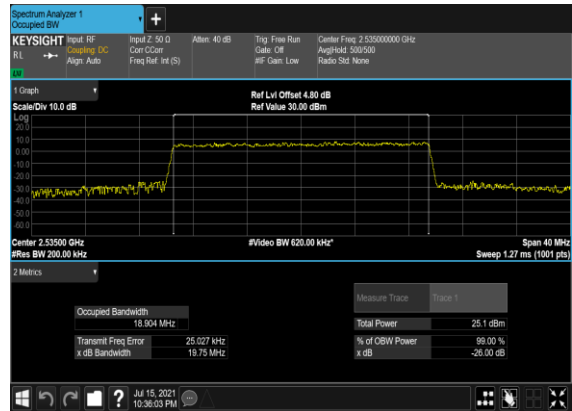
### N7(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N7(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N7(20M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



## Conducted Spurious Emissions

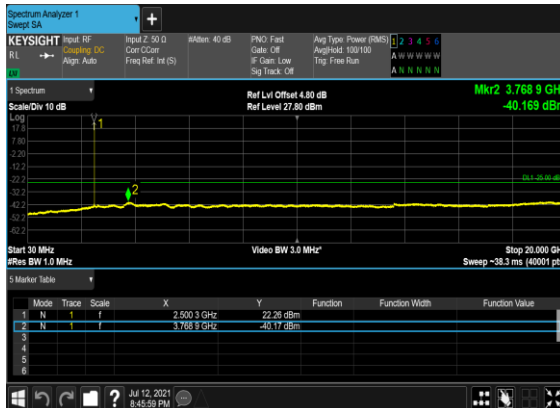
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7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	525000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	10	525000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	525000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	---

7	15	10	525000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	10	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	537000	2565.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	10	537000	2565.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	537000	2565.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	531000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	---

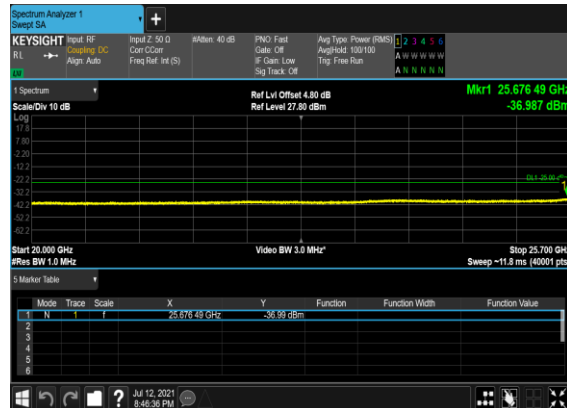


7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
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7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	---
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

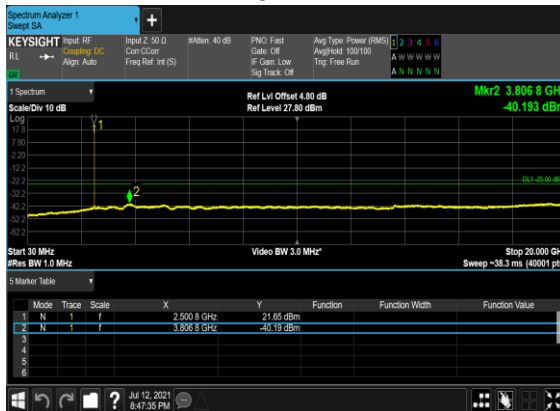
### N7(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



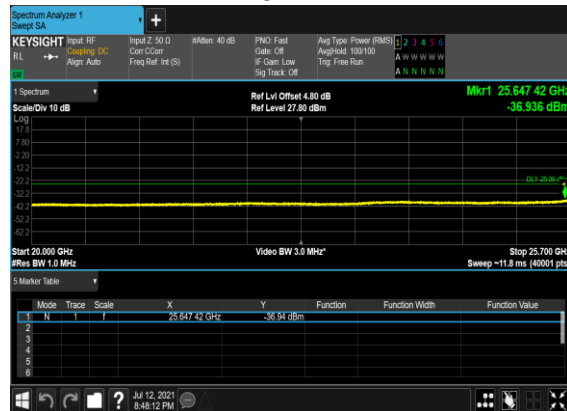
### N7(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N7(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



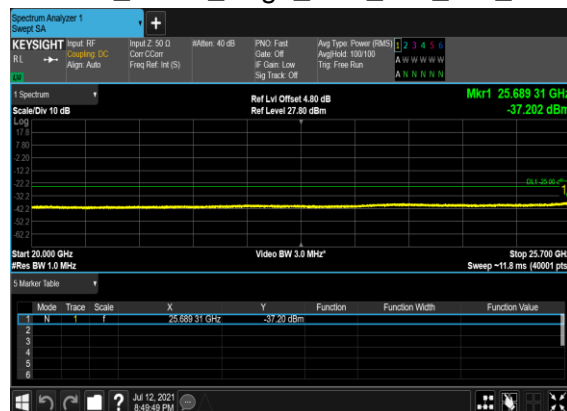
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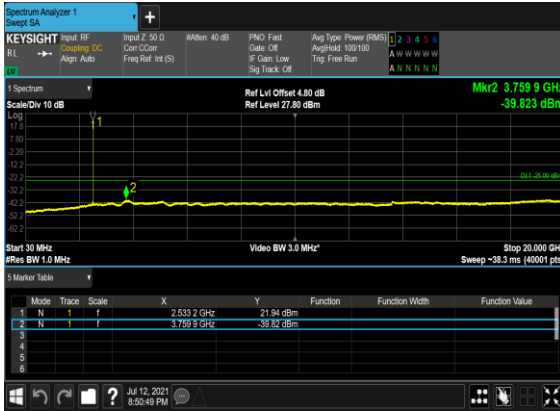
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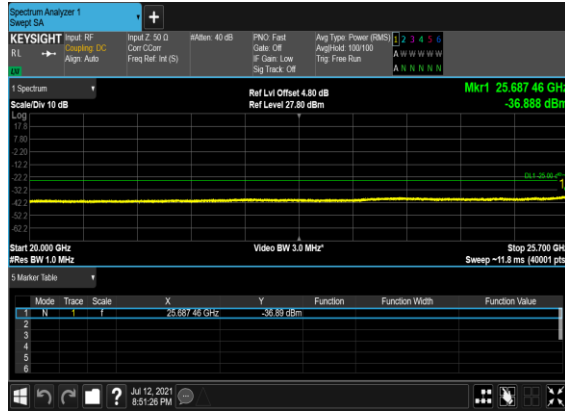
### N7(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



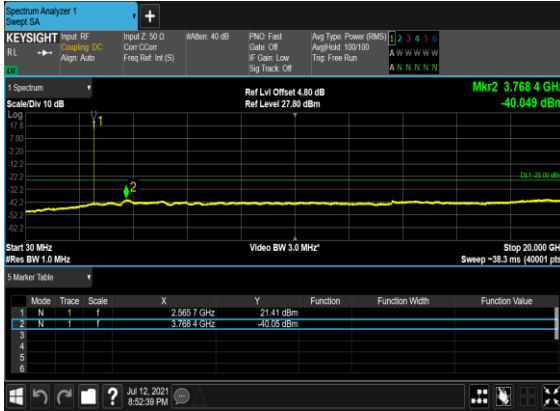
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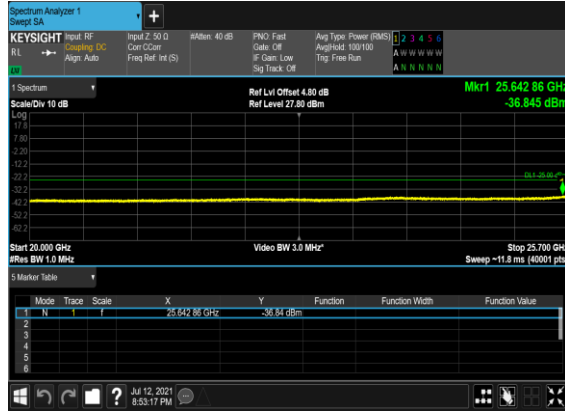
### N7(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N7(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



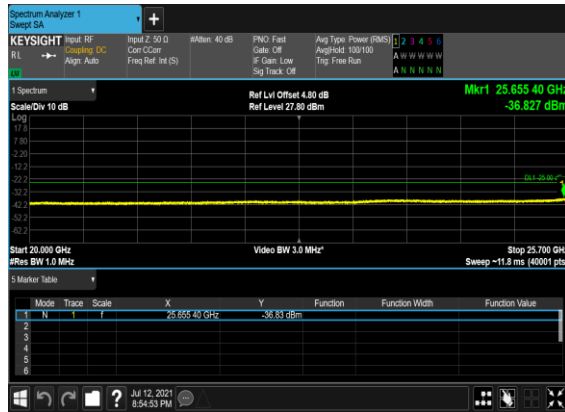
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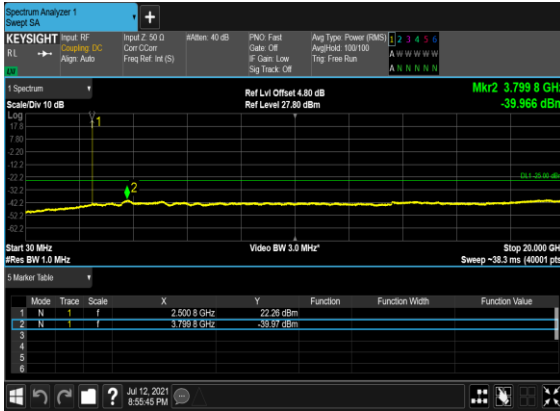
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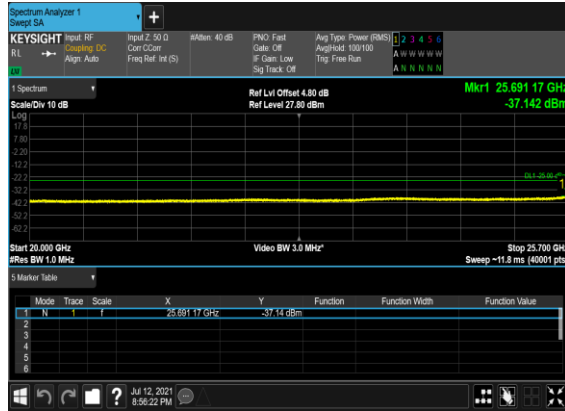
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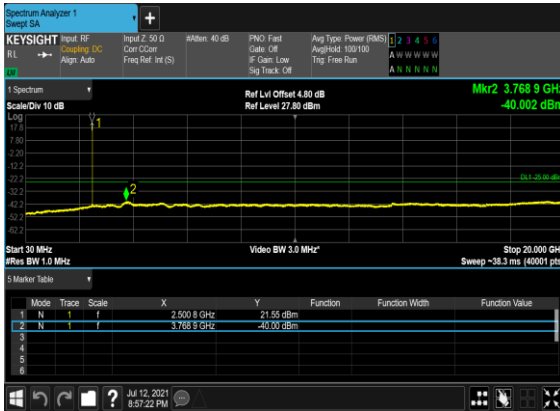
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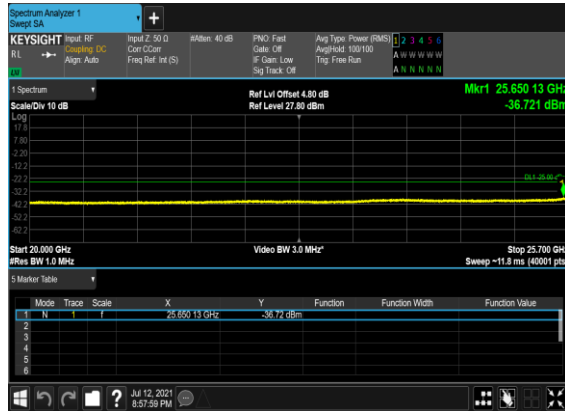
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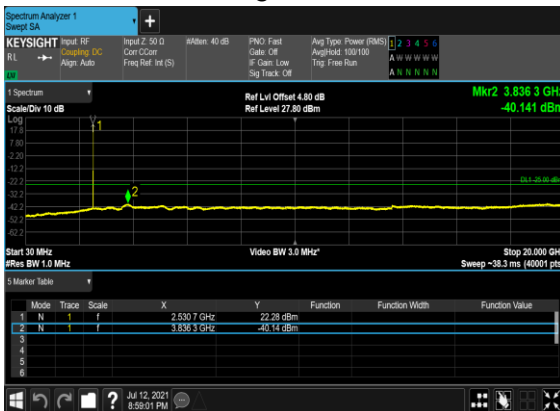
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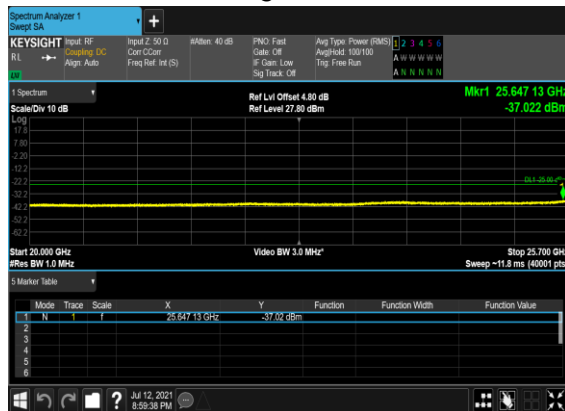
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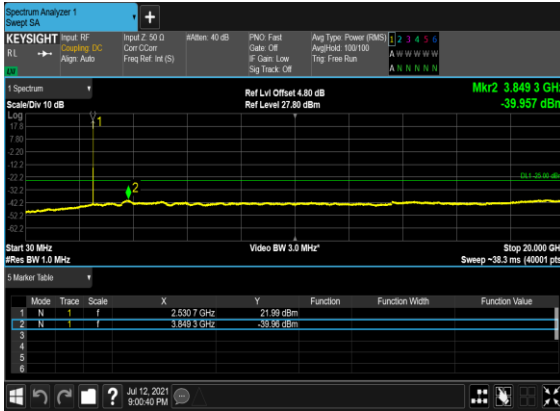
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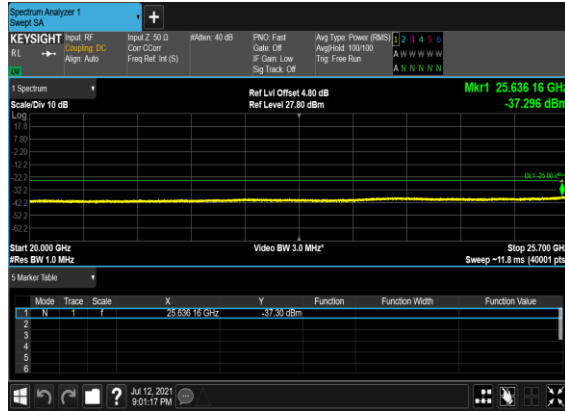
### N7(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



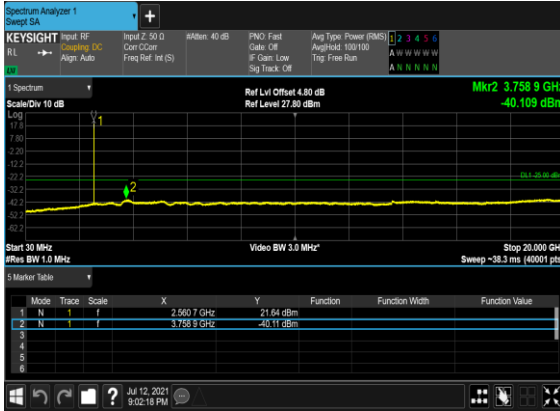
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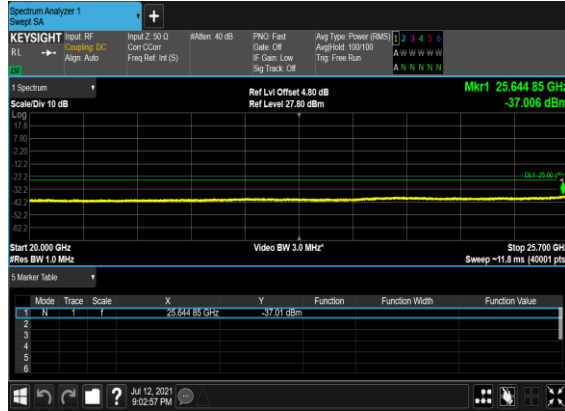
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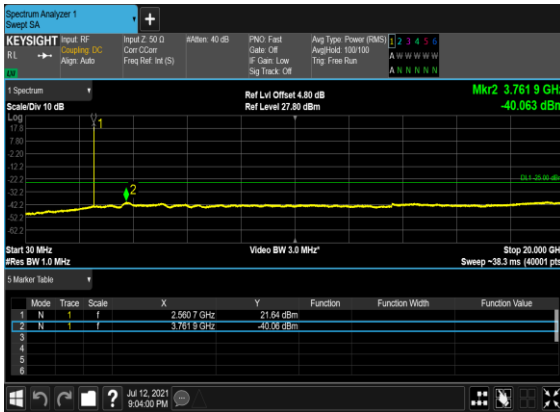
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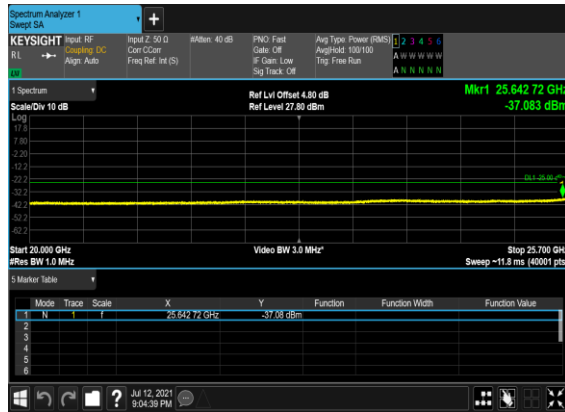
### N7(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N7(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



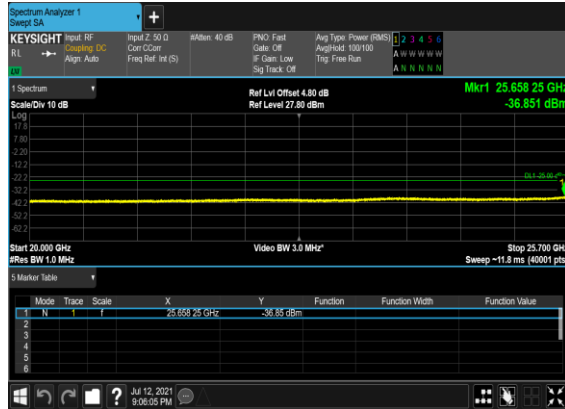
### N7(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



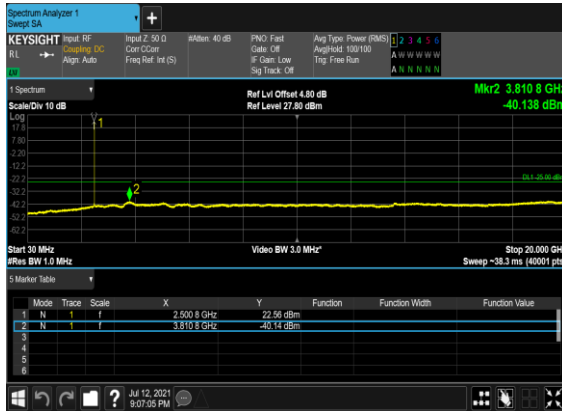
### N7(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



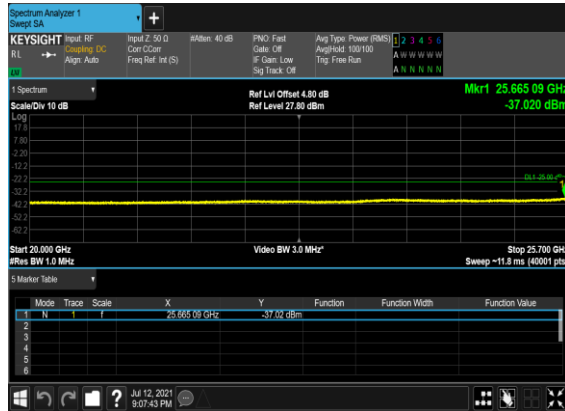
### N7(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



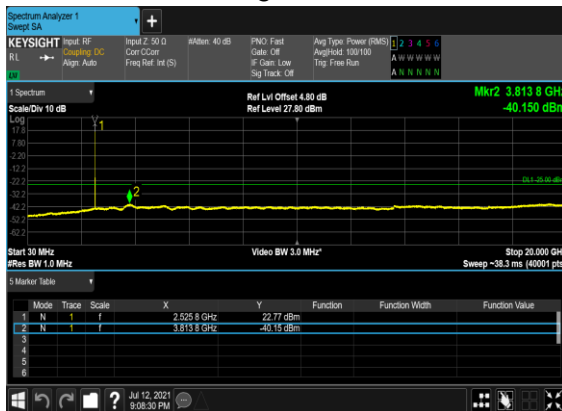
### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



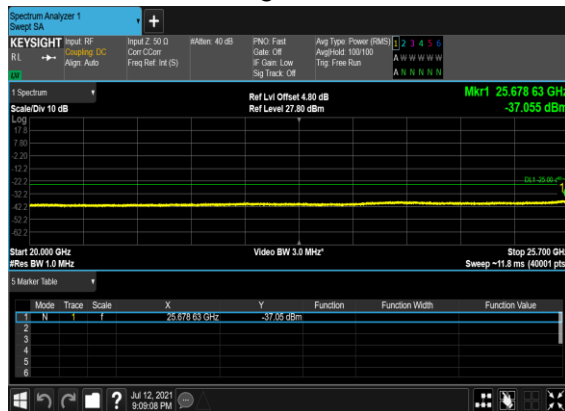
### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



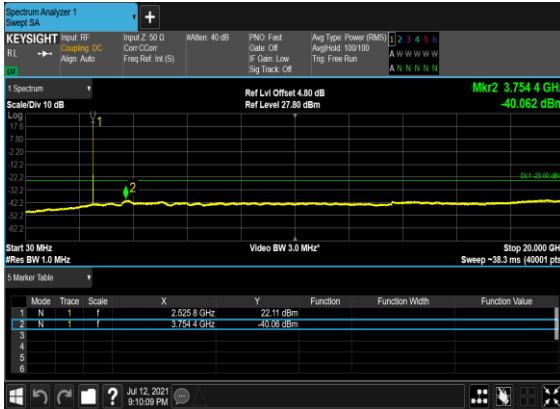
### N7(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



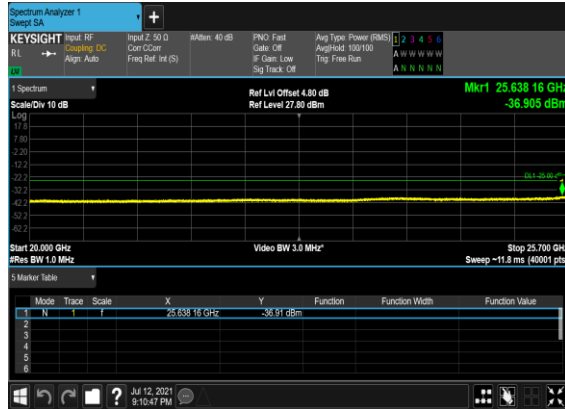
### N7(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



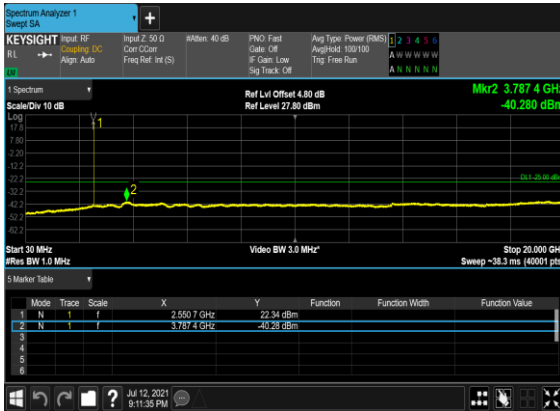
### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



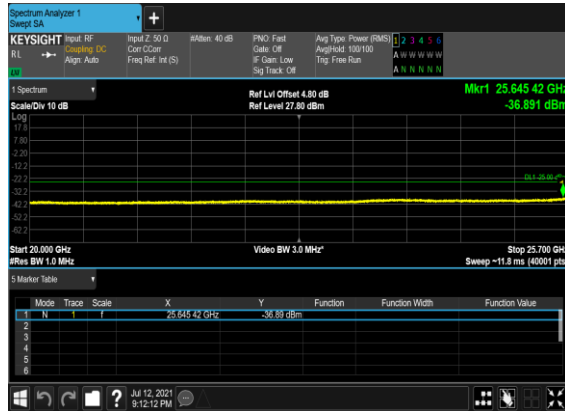
### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



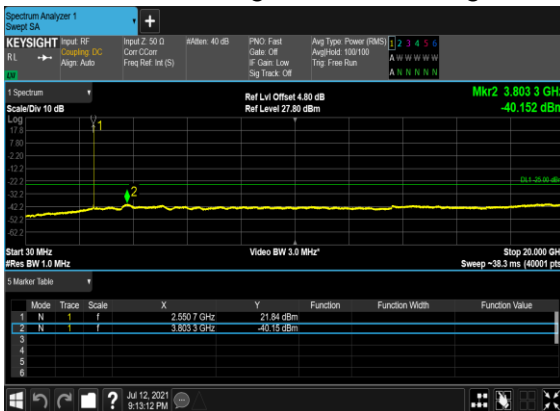
### N7(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



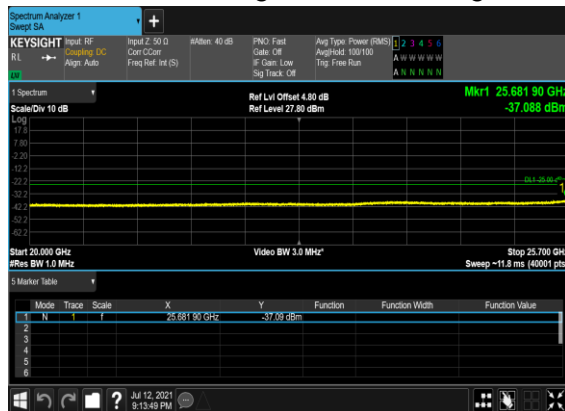
### N7(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



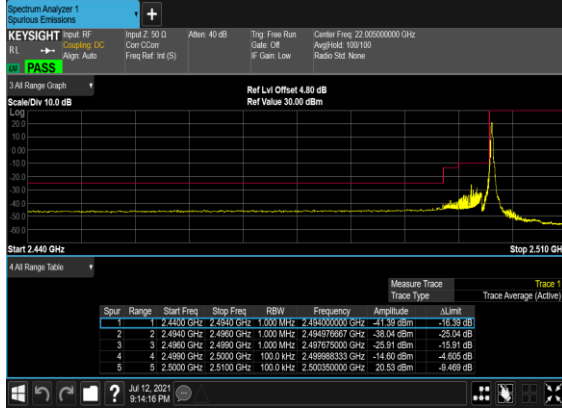
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	524500	2502.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
7	15	10	525000	2505.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	10	525000	2505.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
7	15	10	525000	2505.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
7	15	10	537000	2565.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
7	15	10	537000	2565.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
7	15	10	537000	2565.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
7	15	20	536000	2560.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@105	see graph	PASS

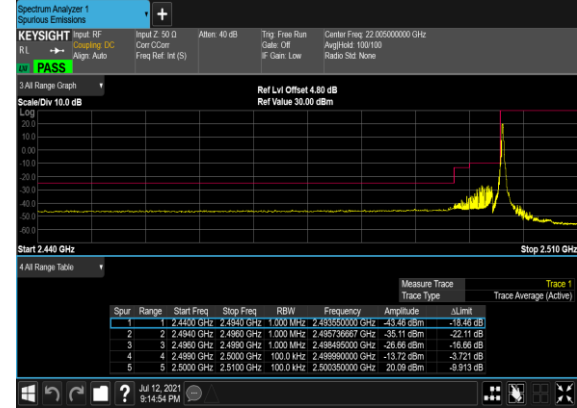


7	15	20	536000	2560.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

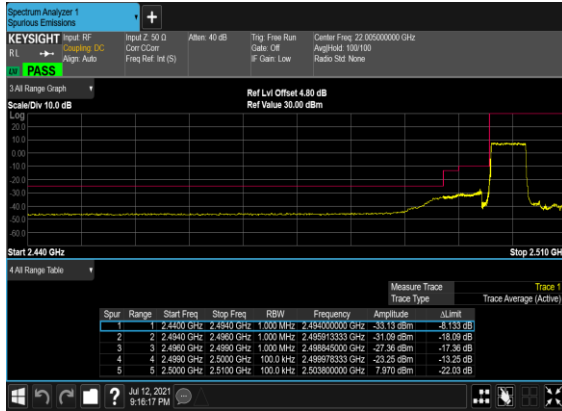
### N7(5M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



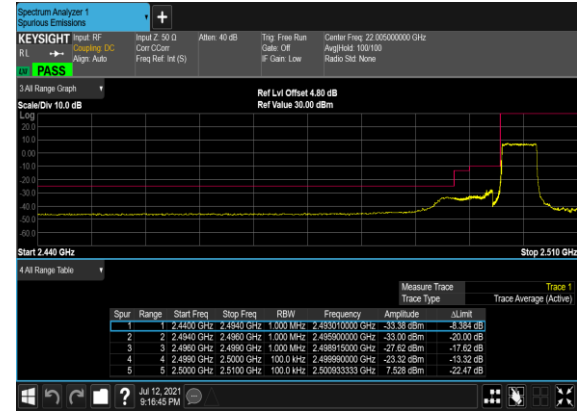
### N7(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



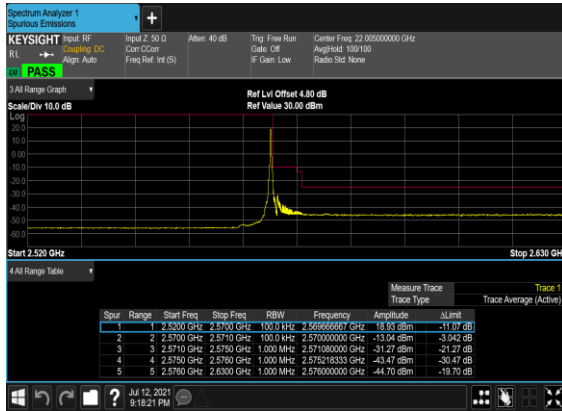
### N7(5M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_Low\_CH



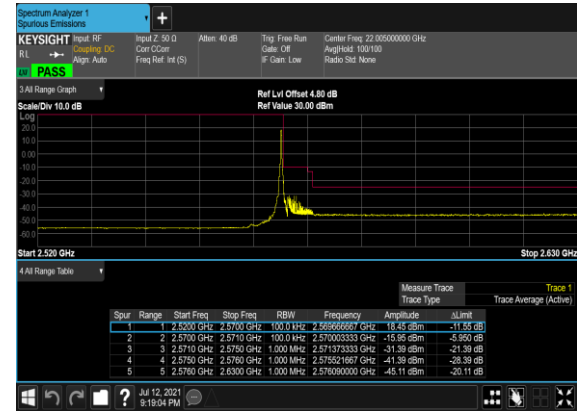
### N7(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Low\_CH



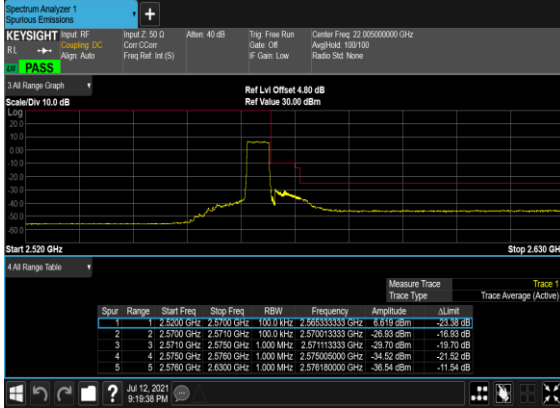
### N7(5M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



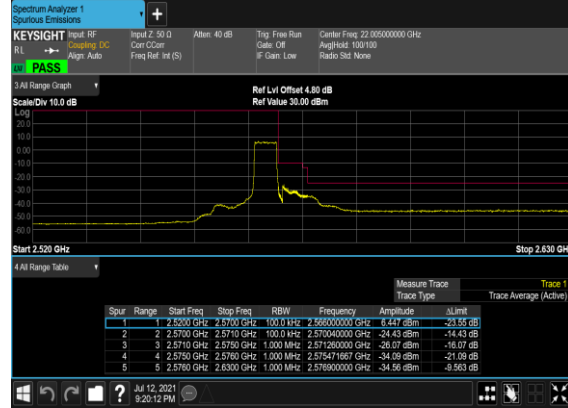
### N7(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



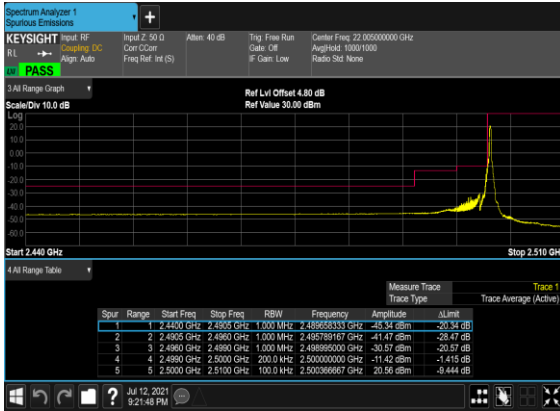
### N7(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



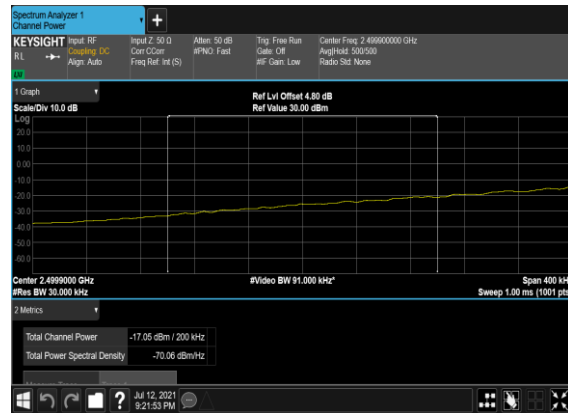
### N7(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



### N7(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



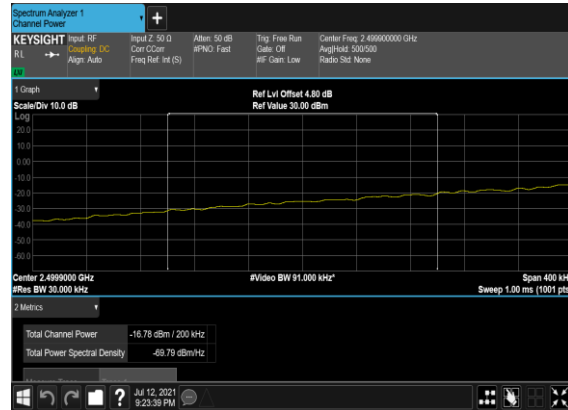
### N7(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PA SS



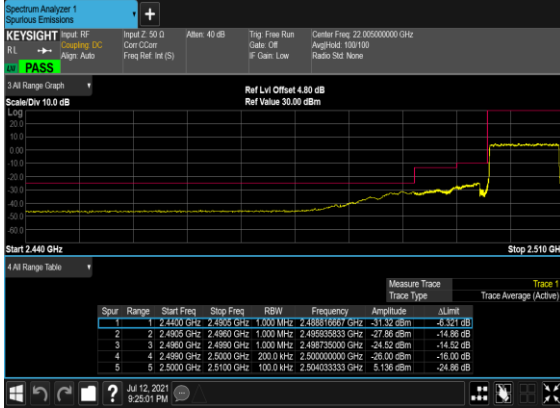
### N7(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



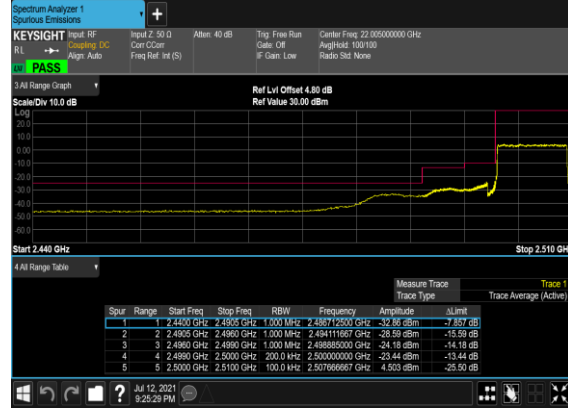
### N7(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PA SS



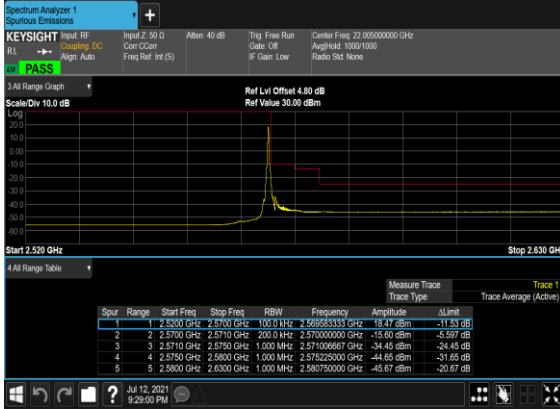
### N7(10M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_Low\_CH



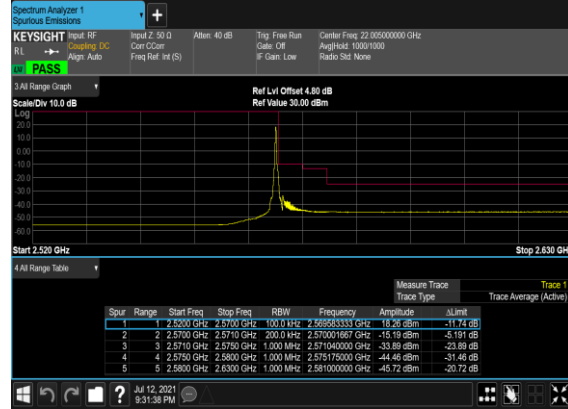
### N7(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Low\_CH



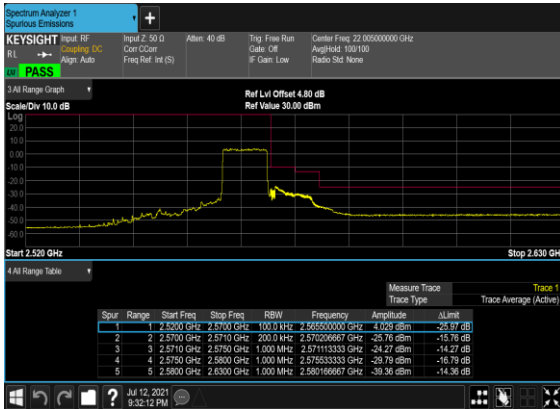
### N7(10M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



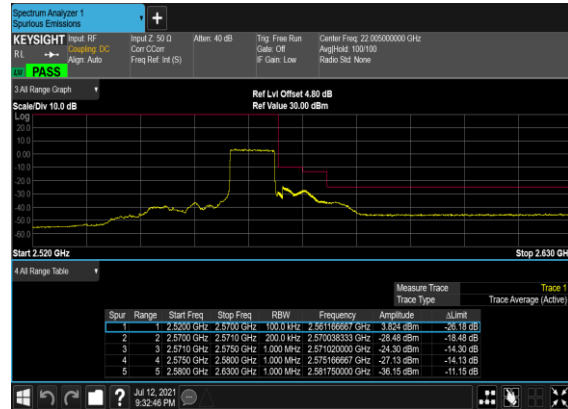
### N7(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



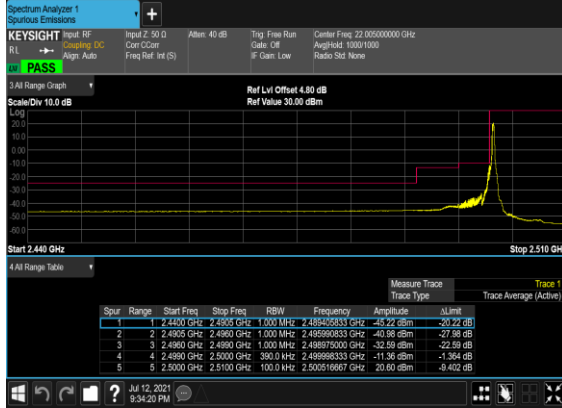
### N7(10M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_High\_CH



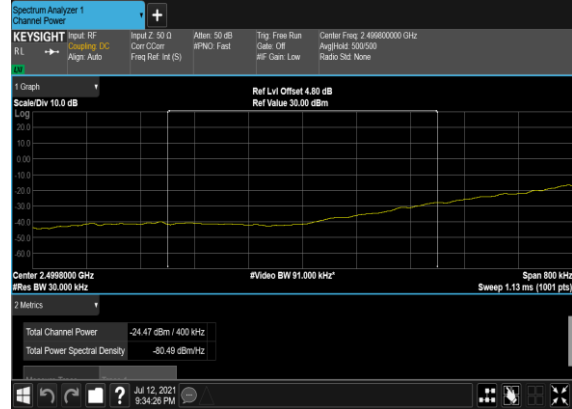
### N7(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



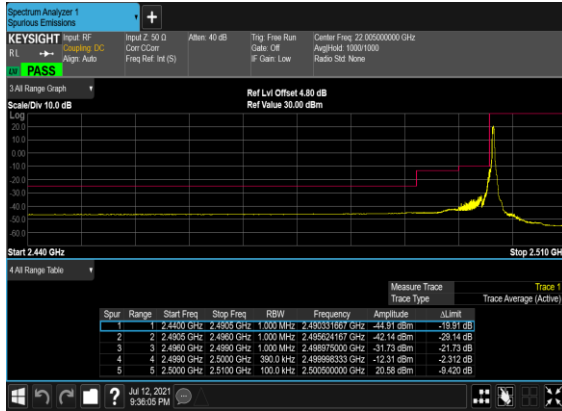
N7(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



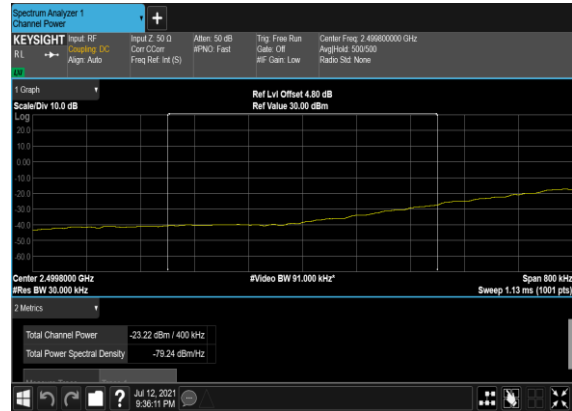
N7(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PA  
SS



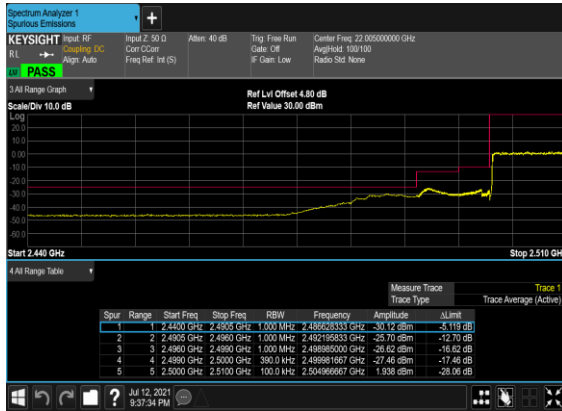
N7(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N7(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PA  
SS



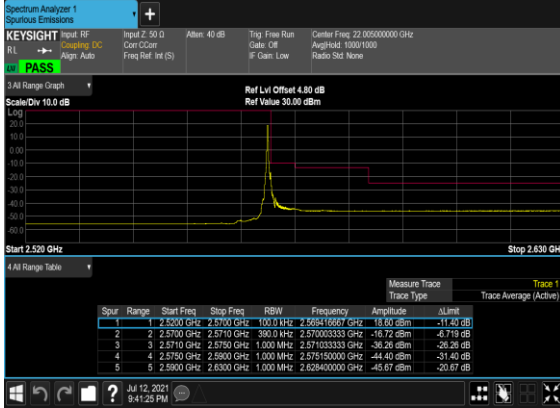
N7(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



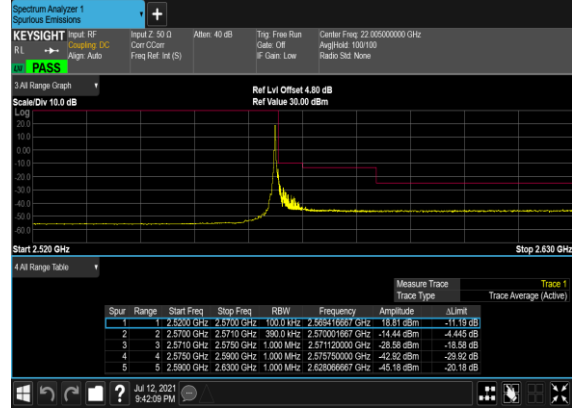
N7(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



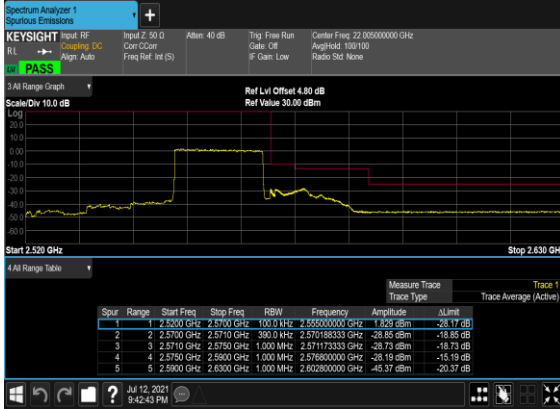
### N7(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



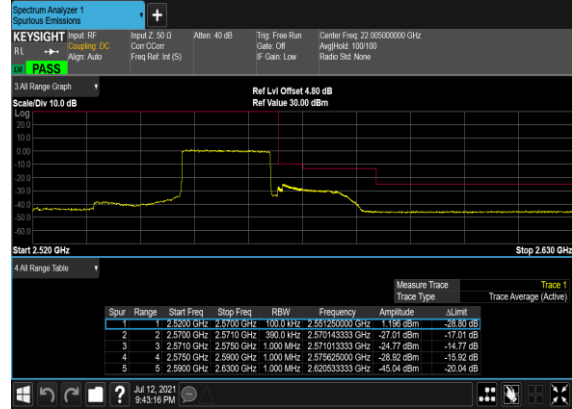
### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N7(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N38

## Transmitter Conducted Output Power

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)
38	30	20	516000	2580.0	DFT-s-OFDM PI/2 BPSK	25@12	24.57
38	30	20	516000	2580.0	DFT-s-OFDM PI/2 BPSK	1@1	24.27
38	30	20	516000	2580.0	DFT-s-OFDM PI/2 BPSK	1@49	24.55
38	30	20	516000	2580.0	DFT-s-OFDM QPSK	25@12	24.58
38	30	20	516000	2580.0	DFT-s-OFDM QPSK	1@1	24.36
38	30	20	516000	2580.0	DFT-s-OFDM QPSK	1@49	24.67
38	30	20	516000	2580.0	DFT-s-OFDM 16 QAM	25@12	23.54
38	30	20	516000	2580.0	DFT-s-OFDM 16 QAM	1@1	23.42
38	30	20	516000	2580.0	DFT-s-OFDM 16 QAM	1@49	23.69
38	30	20	516000	2580.0	DFT-s-OFDM 64 QAM	25@12	22.09
38	30	20	516000	2580.0	DFT-s-OFDM 64 QAM	1@1	21.95
38	30	20	516000	2580.0	DFT-s-OFDM 64 QAM	1@49	22.2
38	30	20	516000	2580.0	DFT-s-OFDM 256 QAM	25@12	19.42
38	30	20	516000	2580.0	DFT-s-OFDM 256 QAM	1@1	19.74
38	30	20	516000	2580.0	DFT-s-OFDM 256 QAM	1@49	20.03
38	30	20	516000	2580.0	CP-OFDM QPSK	25@121	21.81
38	30	20	516000	2580.0	CP-OFDM QPSK	1@1	22.76
38	30	20	516000	2580.0	CP-OFDM QPSK	1@49	23.18
38	30	20	519000	2595.0	DFT-s-OFDM PI/2 BPSK	25@12	24.52
38	30	20	519000	2595.0	DFT-s-OFDM PI/2 BPSK	1@1	24.49
38	30	20	519000	2595.0	DFT-s-OFDM PI/2 BPSK	1@49	24.51
38	30	20	519000	2595.0	DFT-s-OFDM QPSK	25@12	24.59

38	30	20	519000	2595.0	DFT-s-OFDM QPSK	1@1	24.5
38	30	20	519000	2595.0	DFT-s-OFDM QPSK	1@49	24.45
38	30	20	519000	2595.0	DFT-s-OFDM 16 QAM	25@12	23.61
38	30	20	519000	2595.0	DFT-s-OFDM 16 QAM	1@1	23.64
38	30	20	519000	2595.0	DFT-s-OFDM 16 QAM	1@49	23.65
38	30	20	519000	2595.0	DFT-s-OFDM 64 QAM	25@12	22.09
38	30	20	519000	2595.0	DFT-s-OFDM 64 QAM	1@1	22.04
38	30	20	519000	2595.0	DFT-s-OFDM 64 QAM	1@49	22.01
38	30	20	519000	2595.0	DFT-s-OFDM 256 QAM	25@12	19.47
38	30	20	519000	2595.0	DFT-s-OFDM 256 QAM	1@1	19.89
38	30	20	519000	2595.0	DFT-s-OFDM 256 QAM	1@49	19.92
38	30	20	519000	2595.0	CP-OFDM QPSK	25@121	21.77
38	30	20	519000	2595.0	CP-OFDM QPSK	1@1	23
38	30	20	519000	2595.0	CP-OFDM QPSK	1@49	23.14
38	30	20	522000	2610.0	DFT-s-OFDM PI/2 BPSK	25@12	24.36
38	30	20	522000	2610.0	DFT-s-OFDM PI/2 BPSK	1@1	24.4
38	30	20	522000	2610.0	DFT-s-OFDM PI/2 BPSK	1@49	24.07
38	30	20	522000	2610.0	DFT-s-OFDM QPSK	25@12	24.31
38	30	20	522000	2610.0	DFT-s-OFDM QPSK	1@1	24.29
38	30	20	522000	2610.0	DFT-s-OFDM QPSK	1@49	24.11
38	30	20	522000	2610.0	DFT-s-OFDM 16 QAM	25@12	23.31
38	30	20	522000	2610.0	DFT-s-OFDM 16 QAM	1@1	23.46
38	30	20	522000	2610.0	DFT-s-OFDM 16 QAM	1@49	23.14
38	30	20	522000	2610.0	DFT-s-OFDM 64 QAM	25@12	21.83
38	30	20	522000	2610.0	DFT-s-OFDM 64 QAM	1@1	22.02
38	30	20	522000	2610.0	DFT-s-OFDM 64 QAM	1@49	21.84
38	30	20	522000	2610.0	DFT-s-OFDM 256 QAM	25@12	19.24



<b>38</b>	30	20	522000	2610.0	DFT-s-OFDM 256 QAM	1@1	19.91
<b>38</b>	30	20	522000	2610.0	DFT-s-OFDM 256 QAM	1@49	19.46
<b>38</b>	30	20	522000	2610.0	CP-OFDM QPSK	25@121	21.68
<b>38</b>	30	20	522000	2610.0	CP-OFDM QPSK	1@1	23.09
<b>38</b>	30	20	522000	2610.0	CP-OFDM QPSK	1@49	22.73

# FR1 N41

## Transmitter Conducted Output Power And ERP/EIRP, ( $G_T - L_C$ )=-1.2dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	25@12	23.54	22.34	0.1714
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@1	22.49	21.29	0.1346
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@49	24.26	23.06	0.2023
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	25@12	23.22	22.02	0.1592
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@1	22.28	21.08	0.1282
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@49	23.99	22.79	0.1901
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	25@12	22.24	21.04	0.1271
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@1	21.5	20.3	0.1072
41	30	20	501204	2506.02	DFT-s-OFDM 16 QAM	1@49	23.23	22.03	0.1596
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	25@12	20.85	19.65	0.0923
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@1	20.96	19.76	0.0946
41	30	20	501204	2506.02	DFT-s-OFDM 64 QAM	1@49	22.82	21.62	0.1452
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	25@12	19.48	18.28	0.0673
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@1	19.49	18.29	0.0675
41	30	20	501204	2506.02	DFT-s-OFDM 256 QAM	1@49	20.23	19.03	0.0800
41	30	20	501204	2506.02	CP-OFDM QPSK	25@121	20.27	19.07	0.0807
41	30	20	501204	2506.02	CP-OFDM QPSK	1@1	20.83	19.63	0.0918
41	30	20	501204	2506.02	CP-OFDM QPSK	1@49	22.6	21.4	0.1380
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	25@12	24.39	23.19	0.2084

41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.28	23.08	0.2032
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@49	24.3	23.1	0.2042
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	25@12	24.32	23.12	0.2051
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.38	23.18	0.2080
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@49	24.41	23.21	0.2094
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	25@12	23.42	22.22	0.1667
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.33	22.13	0.1633
41	30	20	518598	2592.99	DFT-s-OFDM 16 QAM	1@49	23.31	22.11	0.1626
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	25@12	21.91	20.71	0.1178
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.79	20.59	0.1146
41	30	20	518598	2592.99	DFT-s-OFDM 64 QAM	1@49	21.97	20.77	0.1194
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	25@12	19.48	18.28	0.0673
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.85	18.65	0.0733
41	30	20	518598	2592.99	DFT-s-OFDM 256 QAM	1@49	19.93	18.73	0.0746
41	30	20	518598	2592.99	CP-OFDM QPSK	25@121	21.68	20.48	0.1117
41	30	20	518598	2592.99	CP-OFDM QPSK	1@1	22.79	21.59	0.1442
41	30	20	518598	2592.99	CP-OFDM QPSK	1@49	23.02	21.82	0.1521
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	25@12	24.09	22.89	0.1945
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@1	24.14	22.94	0.1968
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@49	23.5	22.3	0.1698
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	25@12	23.86	22.66	0.1845
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@1	23.9	22.7	0.1862
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@49	23.26	22.06	0.1607
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	25@12	22.88	21.68	0.1472

41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@1	23.1	21.9	0.1549
41	30	20	535998	2679.99	DFT-s-OFDM 16 QAM	1@49	22.58	21.38	0.1374
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	25@12	21.43	20.23	0.1054
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@1	21.72	20.52	0.1127
41	30	20	535998	2679.99	DFT-s-OFDM 64 QAM	1@49	21.32	20.12	0.1028
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	25@12	20.11	18.91	0.0778
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@1	19.82	18.62	0.0728
41	30	20	535998	2679.99	DFT-s-OFDM 256 QAM	1@49	19.81	18.61	0.0726
41	30	20	535998	2679.99	CP-OFDM QPSK	25@121	21.46	20.26	0.1062
41	30	20	535998	2679.99	CP-OFDM QPSK	1@1	22.38	21.18	0.1312
41	30	20	535998	2679.99	CP-OFDM QPSK	1@49	21.92	20.72	0.1180
41	30	30	502200	2511.0	DFT-s-OFDM PI/2 BPSK	36@18	23.73	22.53	0.1791
41	30	30	502200	2511.0	DFT-s-OFDM PI/2 BPSK	1@1	22.39	21.19	0.1315
41	30	30	502200	2511.0	DFT-s-OFDM PI/2 BPSK	1@76	24.29	23.09	0.2037
41	30	30	502200	2511.0	DFT-s-OFDM QPSK	36@18	23.62	22.42	0.1746
41	30	30	502200	2511.0	DFT-s-OFDM QPSK	1@1	22.32	21.12	0.1294
41	30	30	502200	2511.0	DFT-s-OFDM QPSK	1@76	24.19	22.99	0.1991
41	30	30	502200	2511.0	DFT-s-OFDM 16 QAM	36@18	22.58	21.38	0.1374
41	30	30	502200	2511.0	DFT-s-OFDM 16 QAM	1@1	21.54	20.34	0.1081
41	30	30	502200	2511.0	DFT-s-OFDM 16 QAM	1@76	23.47	22.27	0.1687
41	30	30	502200	2511.0	DFT-s-OFDM 64 QAM	36@18	21.26	20.06	0.1014
41	30	30	502200	2511.0	DFT-s-OFDM 64 QAM	1@1	20.47	19.27	0.0845
41	30	30	502200	2511.0	DFT-s-OFDM 64 QAM	1@76	22.43	21.23	0.1327
41	30	30	502200	2511.0	DFT-s-OFDM 256 QAM	36@18	19.72	18.52	0.0711

41	30	30	502200	2511.0	DFT-s-OFDM 256 QAM	1@1	19.12	17.92	0.0619
41	30	30	502200	2511.0	DFT-s-OFDM 256 QAM	1@76	20.3	19.1	0.0813
41	30	30	502200	2511.0	CP-OFDM QPSK	39@19	21.96	20.76	0.1191
41	30	30	502200	2511.0	CP-OFDM QPSK	1@1	20.89	19.69	0.0931
41	30	30	502200	2511.0	CP-OFDM QPSK	1@76	22.77	21.57	0.1435
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	36@18	24.34	23.14	0.2061
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.18	22.98	0.1986
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@76	24.43	23.23	0.2104
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	36@18	24.29	23.09	0.2037
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.24	23.04	0.2014
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	1@76	24.37	23.17	0.2075
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	36@18	23.26	22.06	0.1607
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.36	22.16	0.1644
41	30	30	518598	2592.99	DFT-s-OFDM 16 QAM	1@76	23.59	22.39	0.1734
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	36@18	21.84	20.64	0.1159
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.79	20.59	0.1146
41	30	30	518598	2592.99	DFT-s-OFDM 64 QAM	1@76	21.95	20.75	0.1189
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	36@18	19.39	18.19	0.0659
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.74	18.54	0.0714
41	30	30	518598	2592.99	DFT-s-OFDM 256 QAM	1@76	19.94	18.74	0.0748
41	30	30	518598	2592.99	CP-OFDM QPSK	39@19	23	21.8	0.1514
41	30	30	518598	2592.99	CP-OFDM QPSK	1@1	22.72	21.52	0.1419
41	30	30	518598	2592.99	CP-OFDM QPSK	1@76	23.05	21.85	0.1531
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	36@18	24.21	23.01	0.2000

41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@1	24.23	23.03	0.2009
41	30	30	534996	2674.98	DFT-s-OFDM PI/2 BPSK	1@76	23.4	22.2	0.1660
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	36@18	24	22.8	0.1905
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@1	24.12	22.92	0.1959
41	30	30	534996	2674.98	DFT-s-OFDM QPSK	1@76	23.22	22.02	0.1592
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	36@18	22.94	21.74	0.1493
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@1	23.28	22.08	0.1614
41	30	30	534996	2674.98	DFT-s-OFDM 16 QAM	1@76	22.36	21.16	0.1306
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	36@18	21.66	20.46	0.1112
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@1	21.87	20.67	0.1167
41	30	30	534996	2674.98	DFT-s-OFDM 64 QAM	1@76	21.48	20.28	0.1067
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	36@18	20.34	19.14	0.0820
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@1	19.7	18.5	0.0708
41	30	30	534996	2674.98	DFT-s-OFDM 256 QAM	1@76	19.91	18.71	0.0743
41	30	30	534996	2674.98	CP-OFDM QPSK	39@19	22.22	21.02	0.1265
41	30	30	534996	2674.98	CP-OFDM QPSK	1@1	22.65	21.45	0.1396
41	30	30	534996	2674.98	CP-OFDM QPSK	1@76	21.72	20.52	0.1127
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	50@25	24.14	22.94	0.1968
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@1	22.41	21.21	0.1321
41	30	40	503202	2516.01	DFT-s-OFDM PI/2 BPSK	1@104	24.11	22.91	0.1954
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	50@25	23.99	22.79	0.1901
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@1	22.36	21.16	0.1306
41	30	40	503202	2516.01	DFT-s-OFDM QPSK	1@104	24.1	22.9	0.1950
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	50@25	22.86	21.66	0.1466

41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@1	21.41	20.21	0.1050
41	30	40	503202	2516.01	DFT-s-OFDM 16 QAM	1@104	23.25	22.05	0.1603
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	50@25	21.47	20.27	0.1064
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@1	20.32	19.12	0.0817
41	30	40	503202	2516.01	DFT-s-OFDM 64 QAM	1@104	22.28	21.08	0.1282
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	50@25	20.15	18.95	0.0785
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@1	18.98	17.78	0.0600
41	30	40	503202	2516.01	DFT-s-OFDM 256 QAM	1@104	20.26	19.06	0.0805
41	30	40	503202	2516.01	CP-OFDM QPSK	53@26	22.18	20.98	0.1253
41	30	40	503202	2516.01	CP-OFDM QPSK	1@1	20.78	19.58	0.0908
41	30	40	503202	2516.01	CP-OFDM QPSK	1@104	22.72	21.52	0.1419
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@25	24.33	23.13	0.2056
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.09	22.89	0.1945
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@104	24.39	23.19	0.2084
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	50@25	24.31	23.11	0.2046
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.06	22.86	0.1932
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	1@104	24.39	23.19	0.2084
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	50@25	23.25	22.05	0.1603
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.34	22.14	0.1637
41	30	40	518598	2592.99	DFT-s-OFDM 16 QAM	1@104	23.47	22.27	0.1687
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	50@25	21.86	20.66	0.1164
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.58	20.38	0.1091
41	30	40	518598	2592.99	DFT-s-OFDM 64 QAM	1@104	21.83	20.63	0.1156
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	50@25	19.34	18.14	0.0652

41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.59	18.39	0.0690
41	30	40	518598	2592.99	DFT-s-OFDM 256 QAM	1@104	19.92	18.72	0.0745
41	30	40	518598	2592.99	CP-OFDM QPSK	53@26	23.28	22.08	0.1614
41	30	40	518598	2592.99	CP-OFDM QPSK	1@1	22.77	21.57	0.1435
41	30	40	518598	2592.99	CP-OFDM QPSK	1@104	23.01	21.81	0.1517
41	30	40	534000	2670.0	DFT-s-OFDM PI/2 BPSK	50@25	24.37	23.17	0.2075
41	30	40	534000	2670.0	DFT-s-OFDM PI/2 BPSK	1@1	23.97	22.77	0.1892
41	30	40	534000	2670.0	DFT-s-OFDM PI/2 BPSK	1@104	23.44	22.24	0.1675
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	50@25	24.24	23.04	0.2014
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@1	23.98	22.78	0.1897
41	30	40	534000	2670.0	DFT-s-OFDM QPSK	1@104	23.29	22.09	0.1618
41	30	40	534000	2670.0	DFT-s-OFDM 16 QAM	50@25	23.13	21.93	0.1560
41	30	40	534000	2670.0	DFT-s-OFDM 16 QAM	1@1	23.2	22	0.1585
41	30	40	534000	2670.0	DFT-s-OFDM 16 QAM	1@104	22.53	21.33	0.1358
41	30	40	534000	2670.0	DFT-s-OFDM 64 QAM	50@25	21.84	20.64	0.1159
41	30	40	534000	2670.0	DFT-s-OFDM 64 QAM	1@1	21.72	20.52	0.1127
41	30	40	534000	2670.0	DFT-s-OFDM 64 QAM	1@104	21.71	20.51	0.1125
41	30	40	534000	2670.0	DFT-s-OFDM 256 QAM	50@25	20.34	19.14	0.0820
41	30	40	534000	2670.0	DFT-s-OFDM 256 QAM	1@1	19.56	18.36	0.0685
41	30	40	534000	2670.0	DFT-s-OFDM 256 QAM	1@104	20.13	18.93	0.0782
41	30	40	534000	2670.0	CP-OFDM QPSK	53@26	22.37	21.17	0.1309
41	30	40	534000	2670.0	CP-OFDM QPSK	1@1	22.56	21.36	0.1368
41	30	40	534000	2670.0	CP-OFDM QPSK	1@104	21.87	20.67	0.1167
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	64@32	24.31	23.11	0.2046



41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@1	22.49	21.29	0.1346
41	30	50	504204	2521.02	DFT-s-OFDM PI/2 BPSK	1@131	23.99	22.79	0.1901
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	64@32	24.2	23	0.1995
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@1	22.45	21.25	0.1334
41	30	50	504204	2521.02	DFT-s-OFDM QPSK	1@131	24.01	22.81	0.1910
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	64@32	23.21	22.01	0.1589
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@1	21.62	20.42	0.1102
41	30	50	504204	2521.02	DFT-s-OFDM 16 QAM	1@131	23.19	21.99	0.1581
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	64@32	22.35	21.15	0.1303
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@1	20.5	19.3	0.0851
41	30	50	504204	2521.02	DFT-s-OFDM 64 QAM	1@131	22.01	20.81	0.1205
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	64@32	20.02	18.82	0.0762
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@1	19.57	18.37	0.0687
41	30	50	504204	2521.02	DFT-s-OFDM 256 QAM	1@131	19.94	18.74	0.0748
41	30	50	504204	2521.02	CP-OFDM QPSK	67@33	22.35	21.15	0.1303
41	30	50	504204	2521.02	CP-OFDM QPSK	1@1	20.91	19.71	0.0935
41	30	50	504204	2521.02	CP-OFDM QPSK	1@131	22.63	21.43	0.1390
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	64@32	24.44	23.24	0.2109
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.06	22.86	0.1932
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@131	24.12	22.92	0.1959
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	64@32	24.35	23.15	0.2065
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.12	22.92	0.1959
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	1@131	24.12	22.92	0.1959
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	64@32	23.32	22.12	0.1629

41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.25	22.05	0.1603
41	30	50	518598	2592.99	DFT-s-OFDM 16 QAM	1@131	23.29	22.09	0.1618
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	64@32	21.81	20.61	0.1151
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.69	20.49	0.1119
41	30	50	518598	2592.99	DFT-s-OFDM 64 QAM	1@131	21.55	20.35	0.1084
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	64@32	19.01	17.81	0.0604
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.53	18.33	0.0681
41	30	50	518598	2592.99	DFT-s-OFDM 256 QAM	1@131	19.64	18.44	0.0698
41	30	50	518598	2592.99	CP-OFDM QPSK	67@33	22.55	21.35	0.1365
41	30	50	518598	2592.99	CP-OFDM QPSK	1@1	22.67	21.47	0.1403
41	30	50	518598	2592.99	CP-OFDM QPSK	1@131	22.7	21.5	0.1413
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	64@32	24.27	23.07	0.2028
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@1	23.79	22.59	0.1816
41	30	50	532998	2664.99	DFT-s-OFDM PI/2 BPSK	1@131	23.49	22.29	0.1694
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	64@32	24.27	23.07	0.2028
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@1	23.93	22.73	0.1875
41	30	50	532998	2664.99	DFT-s-OFDM QPSK	1@131	23.37	22.17	0.1648
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	64@32	23.2	22	0.1585
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@1	23.05	21.85	0.1531
41	30	50	532998	2664.99	DFT-s-OFDM 16 QAM	1@131	22.48	21.28	0.1343
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	64@32	21.73	20.53	0.1130
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@1	21.6	20.4	0.1096
41	30	50	532998	2664.99	DFT-s-OFDM 64 QAM	1@131	21.89	20.69	0.1172
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	64@32	20.83	19.63	0.0918

41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@1	19.18	17.98	0.0628
41	30	50	532998	2664.99	DFT-s-OFDM 256 QAM	1@131	20.08	18.88	0.0773
41	30	50	532998	2664.99	CP-OFDM QPSK	67@33	22.38	21.18	0.1312
41	30	50	532998	2664.99	CP-OFDM QPSK	1@1	22.51	21.31	0.1352
41	30	50	532998	2664.99	CP-OFDM QPSK	1@131	21.88	20.68	0.1169
41	30	60	505200	2526.0	DFT-s-OFDM PI/2 BPSK	81@40	24.34	23.14	0.2061
41	30	60	505200	2526.0	DFT-s-OFDM PI/2 BPSK	1@1	22.48	21.28	0.1343
41	30	60	505200	2526.0	DFT-s-OFDM PI/2 BPSK	1@160	23.89	22.69	0.1858
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	81@40	24.2	23	0.1995
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@1	22.28	21.08	0.1282
41	30	60	505200	2526.0	DFT-s-OFDM QPSK	1@160	23.83	22.63	0.1832
41	30	60	505200	2526.0	DFT-s-OFDM 16 QAM	81@40	23.24	22.04	0.1600
41	30	60	505200	2526.0	DFT-s-OFDM 16 QAM	1@1	21.57	20.37	0.1089
41	30	60	505200	2526.0	DFT-s-OFDM 16 QAM	1@160	23.06	21.86	0.1535
41	30	60	505200	2526.0	DFT-s-OFDM 64 QAM	81@40	21.66	20.46	0.1112
41	30	60	505200	2526.0	DFT-s-OFDM 64 QAM	1@1	20.32	19.12	0.0817
41	30	60	505200	2526.0	DFT-s-OFDM 64 QAM	1@160	21.85	20.65	0.1161
41	30	60	505200	2526.0	DFT-s-OFDM 256 QAM	81@40	20.25	19.05	0.0804
41	30	60	505200	2526.0	DFT-s-OFDM 256 QAM	1@1	18.78	17.58	0.0573
41	30	60	505200	2526.0	DFT-s-OFDM 256 QAM	1@160	19.69	18.49	0.0706
41	30	60	505200	2526.0	CP-OFDM QPSK	81@40	22.38	21.18	0.1312
41	30	60	505200	2526.0	CP-OFDM QPSK	1@1	20.84	19.64	0.0920
41	30	60	505200	2526.0	CP-OFDM QPSK	1@160	22.47	21.27	0.1340
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	81@40	24.36	23.16	0.2070

41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	23.96	22.76	0.1888
41	30	60	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@160	24.01	22.81	0.1910
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	81@40	24.43	23.23	0.2104
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.04	22.84	0.1923
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	1@160	24.01	22.81	0.1910
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	81@40	23.37	22.17	0.1648
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.16	21.96	0.1570
41	30	60	518598	2592.99	DFT-s-OFDM 16 QAM	1@160	23.03	21.83	0.1524
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	81@40	21.98	20.78	0.1197
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.43	20.23	0.1054
41	30	60	518598	2592.99	DFT-s-OFDM 64 QAM	1@160	21.41	20.21	0.1050
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	81@40	19.03	17.83	0.0607
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.42	18.22	0.0664
41	30	60	518598	2592.99	DFT-s-OFDM 256 QAM	1@160	19.4	18.2	0.0661
41	30	60	518598	2592.99	CP-OFDM QPSK	81@40	23.06	21.86	0.1535
41	30	60	518598	2592.99	CP-OFDM QPSK	1@1	22.72	21.52	0.1419
41	30	60	518598	2592.99	CP-OFDM QPSK	1@160	22.47	21.27	0.1340
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	81@40	24.32	23.12	0.2051
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@1	23.75	22.55	0.1799
41	30	60	531996	2659.98	DFT-s-OFDM PI/2 BPSK	1@160	23.58	22.38	0.1730
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	81@40	24.33	23.13	0.2056
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@1	23.85	22.65	0.1841
41	30	60	531996	2659.98	DFT-s-OFDM QPSK	1@160	23.43	22.23	0.1671
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	81@40	23.25	22.05	0.1603

41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@1	22.75	21.55	0.1429
41	30	60	531996	2659.98	DFT-s-OFDM 16 QAM	1@160	22.38	21.18	0.1312
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	81@40	21.7	20.5	0.1122
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@1	21.17	19.97	0.0993
41	30	60	531996	2659.98	DFT-s-OFDM 64 QAM	1@160	21.57	20.37	0.1089
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	81@40	20.17	18.97	0.0789
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@1	19.21	18.01	0.0632
41	30	60	531996	2659.98	DFT-s-OFDM 256 QAM	1@160	19.96	18.76	0.0752
41	30	60	531996	2659.98	CP-OFDM QPSK	81@40	22.36	21.16	0.1306
41	30	60	531996	2659.98	CP-OFDM QPSK	1@1	22.33	21.13	0.1297
41	30	60	531996	2659.98	CP-OFDM QPSK	1@160	21.7	20.5	0.1122
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	108@54	24.46	23.26	0.2118
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@1	24.17	22.97	0.1982
41	30	80	507204	2536.02	DFT-s-OFDM PI/2 BPSK	1@215	24.22	23.02	0.2004
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	108@54	24.49	23.29	0.2133
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@1	24.56	23.36	0.2168
41	30	80	507204	2536.02	DFT-s-OFDM QPSK	1@215	24.28	23.08	0.2032
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	108@54	23.57	22.37	0.1726
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@1	23.54	22.34	0.1714
41	30	80	507204	2536.02	DFT-s-OFDM 16 QAM	1@215	23.19	21.99	0.1581
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	108@54	22.22	21.02	0.1265
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@1	22.07	20.87	0.1222
41	30	80	507204	2536.02	DFT-s-OFDM 64 QAM	1@215	21.83	20.63	0.1156
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	108@54	20.39	19.19	0.0830

41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@1	20.45	19.25	0.0841
41	30	80	507204	2536.02	DFT-s-OFDM 256 QAM	1@215	19.73	18.53	0.0713
41	30	80	507204	2536.02	CP-OFDM QPSK	109@54	23.13	21.93	0.1560
41	30	80	507204	2536.02	CP-OFDM QPSK	1@1	23.06	21.86	0.1535
41	30	80	507204	2536.02	CP-OFDM QPSK	1@215	22.86	21.66	0.1466
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	108@54	24.22	23.02	0.2004
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.02	22.82	0.1914
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@215	23.78	22.58	0.1811
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	108@54	24.26	23.06	0.2023
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.16	22.96	0.1977
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	1@215	23.85	22.65	0.1841
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	108@54	23.29	22.09	0.1618
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.05	21.85	0.1531
41	30	80	518598	2592.99	DFT-s-OFDM 16 QAM	1@215	22.79	21.59	0.1442
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	108@54	21.75	20.55	0.1135
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.33	20.13	0.1030
41	30	80	518598	2592.99	DFT-s-OFDM 64 QAM	1@215	21.4	20.2	0.1047
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	108@54	19.73	18.53	0.0713
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.59	18.39	0.0690
41	30	80	518598	2592.99	DFT-s-OFDM 256 QAM	1@215	19.35	18.15	0.0653
41	30	80	518598	2592.99	CP-OFDM QPSK	109@54	22.85	21.65	0.1462
41	30	80	518598	2592.99	CP-OFDM QPSK	1@1	22.69	21.49	0.1409
41	30	80	518598	2592.99	CP-OFDM QPSK	1@215	22.36	21.16	0.1306
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	108@54	24	22.8	0.1905

41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@1	23.97	22.77	0.1892
41	30	80	529998	2649.99	DFT-s-OFDM PI/2 BPSK	1@215	24.45	23.25	0.2113
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	108@54	24.07	22.87	0.1936
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@1	24.1	22.9	0.1950
41	30	80	529998	2649.99	DFT-s-OFDM QPSK	1@215	24.44	23.24	0.2109
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	108@54	23.14	21.94	0.1563
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@1	23.13	21.93	0.1560
41	30	80	529998	2649.99	DFT-s-OFDM 16 QAM	1@215	23.62	22.42	0.1746
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	108@54	21.74	20.54	0.1132
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@1	21.75	20.55	0.1135
41	30	80	529998	2649.99	DFT-s-OFDM 64 QAM	1@215	22.5	21.3	0.1349
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	108@54	19.74	18.54	0.0714
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@1	19.91	18.71	0.0743
41	30	80	529998	2649.99	DFT-s-OFDM 256 QAM	1@215	19.52	18.32	0.0679
41	30	80	529998	2649.99	CP-OFDM QPSK	109@54	22.6	21.4	0.1380
41	30	80	529998	2649.99	CP-OFDM QPSK	1@1	22.54	21.34	0.1361
41	30	80	529998	2649.99	CP-OFDM QPSK	1@215	23.16	21.96	0.1570
41	30	90	508200	2541.0	DFT-s-OFDM PI/2 BPSK	120@60	24.57	23.37	0.2173
41	30	90	508200	2541.0	DFT-s-OFDM PI/2 BPSK	1@1	24.42	23.22	0.2099
41	30	90	508200	2541.0	DFT-s-OFDM PI/2 BPSK	1@243	24.33	23.13	0.2056
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	120@60	24.6	23.4	0.2188
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	1@1	24.58	23.38	0.2178
41	30	90	508200	2541.0	DFT-s-OFDM QPSK	1@243	24.35	23.15	0.2065
41	30	90	508200	2541.0	DFT-s-OFDM 16 QAM	120@60	23.65	22.45	0.1758

41	30	90	508200	2541.0	DFT-s-OFDM 16 QAM	1@1	23.32	22.12	0.1629
41	30	90	508200	2541.0	DFT-s-OFDM 16 QAM	1@243	23.36	22.16	0.1644
41	30	90	508200	2541.0	DFT-s-OFDM 64 QAM	120@60	22.2	21	0.1259
41	30	90	508200	2541.0	DFT-s-OFDM 64 QAM	1@1	22.05	20.85	0.1216
41	30	90	508200	2541.0	DFT-s-OFDM 64 QAM	1@243	22.31	21.11	0.1291
41	30	90	508200	2541.0	DFT-s-OFDM 256 QAM	120@60	20.49	19.29	0.0849
41	30	90	508200	2541.0	DFT-s-OFDM 256 QAM	1@1	19.23	18.03	0.0635
41	30	90	508200	2541.0	DFT-s-OFDM 256 QAM	1@243	19.66	18.46	0.0701
41	30	90	508200	2541.0	CP-OFDM QPSK	123@61	23.11	21.91	0.1552
41	30	90	508200	2541.0	CP-OFDM QPSK	1@1	23.07	21.87	0.1538
41	30	90	508200	2541.0	CP-OFDM QPSK	1@243	22.81	21.61	0.1449
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	120@60	24.36	23.16	0.2070
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.16	22.96	0.1977
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@243	23.56	22.36	0.1722
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	120@60	24.27	23.07	0.2028
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.16	22.96	0.1977
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	1@243	23.77	22.57	0.1807
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	120@60	23.31	22.11	0.1626
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.22	22.02	0.1592
41	30	90	518598	2592.99	DFT-s-OFDM 16 QAM	1@243	22.93	21.73	0.1489
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	120@60	21.84	20.64	0.1159
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.76	20.56	0.1138
41	30	90	518598	2592.99	DFT-s-OFDM 64 QAM	1@243	21.09	19.89	0.0975
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	120@60	19.7	18.5	0.0708



41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	20.08	18.88	0.0773
41	30	90	518598	2592.99	DFT-s-OFDM 256 QAM	1@243	19.38	18.18	0.0658
41	30	90	518598	2592.99	CP-OFDM QPSK	123@61	22.82	21.62	0.1452
41	30	90	518598	2592.99	CP-OFDM QPSK	1@1	22.85	21.65	0.1462
41	30	90	518598	2592.99	CP-OFDM QPSK	1@243	22.14	20.94	0.1242
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	120@60	23.93	22.73	0.1875
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@1	24.17	22.97	0.1982
41	30	90	528996	2644.98	DFT-s-OFDM PI/2 BPSK	1@243	24.5	23.3	0.2138
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	120@60	24	22.8	0.1905
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@1	24.28	23.08	0.2032
41	30	90	528996	2644.98	DFT-s-OFDM QPSK	1@243	24.51	23.31	0.2143
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	120@60	22.9	21.7	0.1479
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@1	23.28	22.08	0.1614
41	30	90	528996	2644.98	DFT-s-OFDM 16 QAM	1@243	23.58	22.38	0.1730
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	120@60	21.34	20.14	0.1033
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@1	21.9	20.7	0.1175
41	30	90	528996	2644.98	DFT-s-OFDM 64 QAM	1@243	22.26	21.06	0.1276
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	120@60	19.36	18.16	0.0655
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@1	19.93	18.73	0.0746
41	30	90	528996	2644.98	DFT-s-OFDM 256 QAM	1@243	19.82	18.62	0.0728
41	30	90	528996	2644.98	CP-OFDM QPSK	123@61	22.65	21.45	0.1396
41	30	90	528996	2644.98	CP-OFDM QPSK	1@1	22.82	21.62	0.1452
41	30	90	528996	2644.98	CP-OFDM QPSK	1@243	23	21.8	0.1514
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	135@67	24.48	23.28	0.2128

41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@1	24.47	23.27	0.2123
41	30	100	509202	2546.01	DFT-s-OFDM PI/2 BPSK	1@271	24.54	23.34	0.2158
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	135@67	24.59	23.39	0.2183
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@1	24.69	23.49	0.2234
41	30	100	509202	2546.01	DFT-s-OFDM QPSK	1@271	24.41	23.21	0.2094
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	135@67	23.54	22.34	0.1714
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@1	23.59	22.39	0.1734
41	30	100	509202	2546.01	DFT-s-OFDM 16 QAM	1@271	23.58	22.38	0.1730
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	135@67	22.01	20.81	0.1205
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@1	22.49	21.29	0.1346
41	30	100	509202	2546.01	DFT-s-OFDM 64 QAM	1@271	21.96	20.76	0.1191
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	135@67	19.89	18.69	0.0740
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@1	19.16	17.96	0.0625
41	30	100	509202	2546.01	DFT-s-OFDM 256 QAM	1@271	19.69	18.49	0.0706
41	30	100	509202	2546.01	CP-OFDM QPSK	137@68	23.06	21.86	0.1535
41	30	100	509202	2546.01	CP-OFDM QPSK	1@1	22.87	21.67	0.1469
41	30	100	509202	2546.01	CP-OFDM QPSK	1@271	22.82	21.62	0.1452
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	135@67	24.28	23.08	0.2032
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@1	24.16	22.96	0.1977
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@271	23.66	22.46	0.1762
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	135@67	24.22	23.02	0.2004
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@1	24.28	23.08	0.2032
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	1@271	23.7	22.5	0.1778
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	135@67	23.2	22	0.1585

41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@1	23.11	21.91	0.1552
41	30	100	518598	2592.99	DFT-s-OFDM 16 QAM	1@271	22.67	21.47	0.1403
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	135@67	21.71	20.51	0.1125
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@1	21.8	20.6	0.1148
41	30	100	518598	2592.99	DFT-s-OFDM 64 QAM	1@271	21.14	19.94	0.0986
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	135@67	19.8	18.6	0.0724
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@1	19.98	18.78	0.0755
41	30	100	518598	2592.99	DFT-s-OFDM 256 QAM	1@271	19.09	17.89	0.0615
41	30	100	518598	2592.99	CP-OFDM QPSK	137@68	22.87	21.67	0.1469
41	30	100	518598	2592.99	CP-OFDM QPSK	1@1	23.03	21.83	0.1524
41	30	100	518598	2592.99	CP-OFDM QPSK	1@271	22.4	21.2	0.1318
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	135@67	24.18	22.98	0.1986
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	1@1	24.28	23.08	0.2032
41	30	100	528000	2640.0	DFT-s-OFDM PI/2 BPSK	1@271	24.48	23.28	0.2128
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	135@67	24.08	22.88	0.1941
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@1	24.44	23.24	0.2109
41	30	100	528000	2640.0	DFT-s-OFDM QPSK	1@271	24.58	23.38	0.2178
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	135@67	22.95	21.75	0.1496
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	1@1	23.33	22.13	0.1633
41	30	100	528000	2640.0	DFT-s-OFDM 16 QAM	1@271	23.75	22.55	0.1799
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	135@67	21.72	20.52	0.1127
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	1@1	21.98	20.78	0.1197
41	30	100	528000	2640.0	DFT-s-OFDM 64 QAM	1@271	21.97	20.77	0.1194
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	135@67	19.78	18.58	0.0721

41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	1@1	19.79	18.59	0.0723
41	30	100	528000	2640.0	DFT-s-OFDM 256 QAM	1@271	19.62	18.42	0.0695
41	30	100	528000	2640.0	CP-OFDM QPSK	137@68	22.54	21.34	0.1361
41	30	100	528000	2640.0	CP-OFDM QPSK	1@1	22.83	21.63	0.1455
41	30	100	528000	2640.0	CP-OFDM QPSK	1@271	23.16	21.96	0.1570

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00272	PASS	NV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00797	PASS	LV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00834	PASS	HV
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00839	PASS	-30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00844	PASS	-20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00753	PASS	-10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.0054	PASS	0°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00722	PASS	10°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00558	PASS	20°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00561	PASS	30°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00872	PASS	40°C
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	-0.00395	PASS	50°C

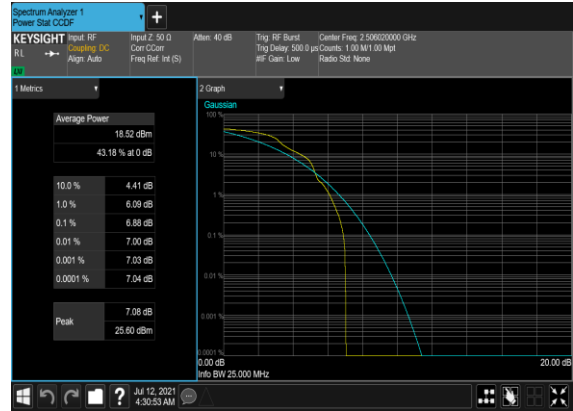
## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	50@0	6.7	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM PI/2 BPSK	1@0	6.88	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	50@0	7.2	13	PASS
41	30	20	501204	2506.02	DFT-s-OFDM QPSK	1@0	6.58	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	6.73	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	1@0	6.99	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	7.41	13	PASS
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	1@0	6.83	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	50@0	6.4	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM PI/2 BPSK	1@0	6.05	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	50@0	7.16	13	PASS
41	30	20	535998	2679.99	DFT-s-OFDM QPSK	1@0	6.11	13	PASS

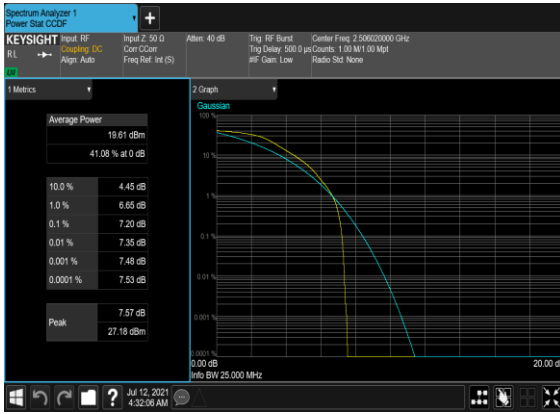
N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



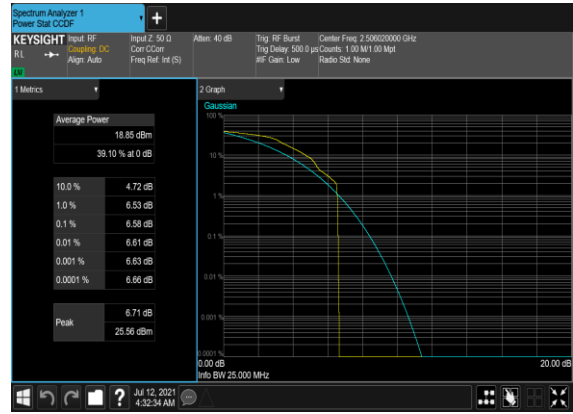
N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



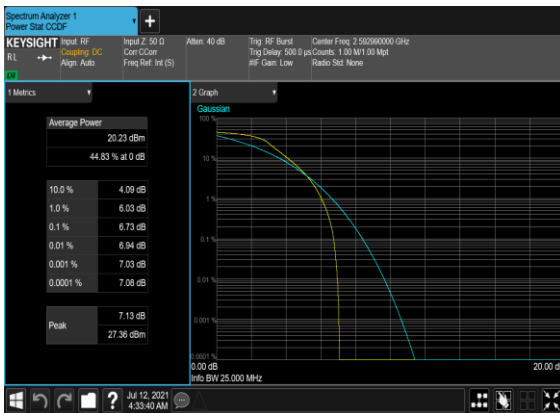
N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



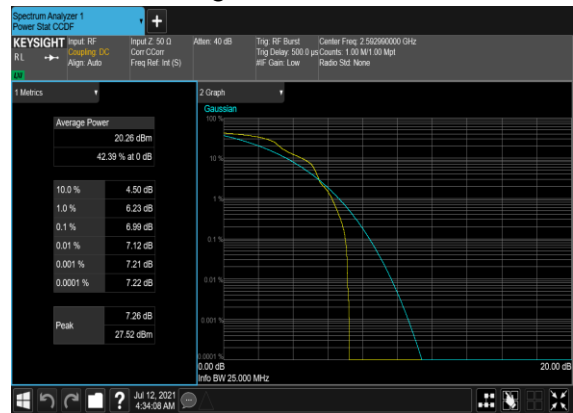
N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



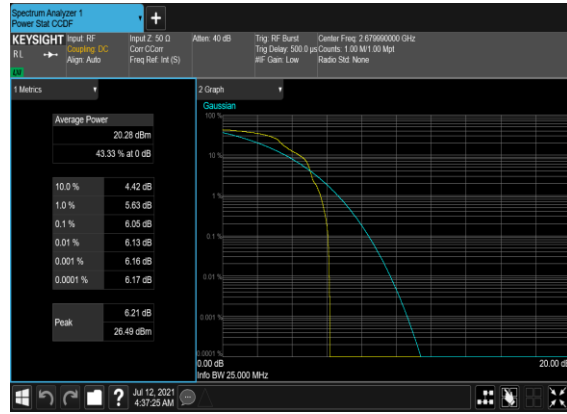
N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



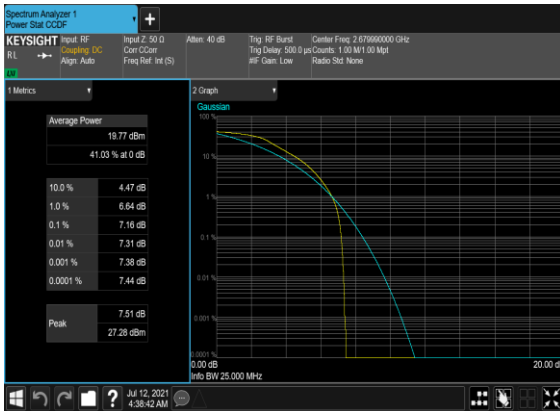
N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



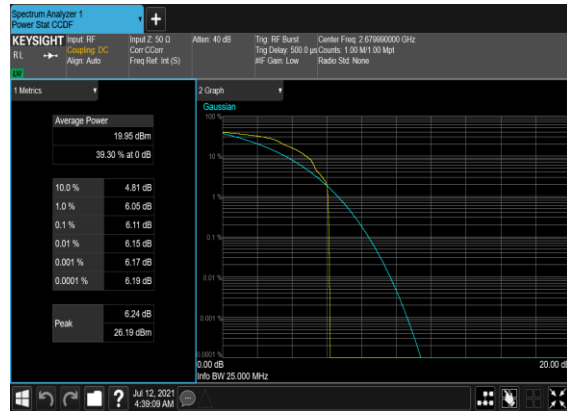
N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH





## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	20	518598	2592.99	DFT-s-OFDM PI/2 BPSK	50@0	17.805	18.91
41	30	20	518598	2592.99	DFT-s-OFDM QPSK	50@0	17.812	18.9
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.191	19.58
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.229	19.37
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.25	19.44
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.169	19.37
41	30	30	518598	2592.99	DFT-s-OFDM PI/2 BPSK	75@0	26.734	28.28
41	30	30	518598	2592.99	DFT-s-OFDM QPSK	75@0	26.777	27.98
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.867	29.24
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.887	29.36
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.833	29.07
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.77	29.26
41	30	40	518598	2592.99	DFT-s-OFDM PI/2 BPSK	100@0	35.704	37.05
41	30	40	518598	2592.99	DFT-s-OFDM QPSK	100@0	35.761	37.33
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.814	39.21
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.828	39.39
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.783	39.37
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.866	39.51
41	30	50	518598	2592.99	DFT-s-OFDM PI/2 BPSK	128@0	45.766	47.61
41	30	50	518598	2592.99	DFT-s-OFDM QPSK	128@0	45.776	47.43
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.531	49.54
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.482	49.2
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.561	49.26
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.514	49.14

41	30	60	518598	2526.0	DFT-s-OFDM PI/2 BPSK	162@0	57.953	59.95
41	30	60	518598	2592.99	DFT-s-OFDM QPSK	162@0	57.787	59.89
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.86	60.09
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.963	59.91
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	58.017	60.12
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.942	59.72
41	30	80	518598	2592.99	DFT-s-OFDM PI/2 BPSK	216@0	77.36	79.63
41	30	80	518598	2592.99	DFT-s-OFDM QPSK	216@0	77.316	79.8
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.759	80.0
41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.558	80.29
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.726	80.1
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.647	80.01
41	30	90	518598	2592.99	DFT-s-OFDM PI/2 BPSK	240@0	85.919	88.58
41	30	90	518598	2592.99	DFT-s-OFDM QPSK	240@0	85.895	88.55
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.834	90.46
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.679	90.24
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.607	90.32
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.937	90.37
41	30	100	518598	2592.99	DFT-s-OFDM PI/2 BPSK	270@0	96.506	99.52
41	30	100	518598	2592.99	DFT-s-OFDM QPSK	270@0	96.6	99.55
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.854	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.666	100.5
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.598	100.5
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.554	100.5