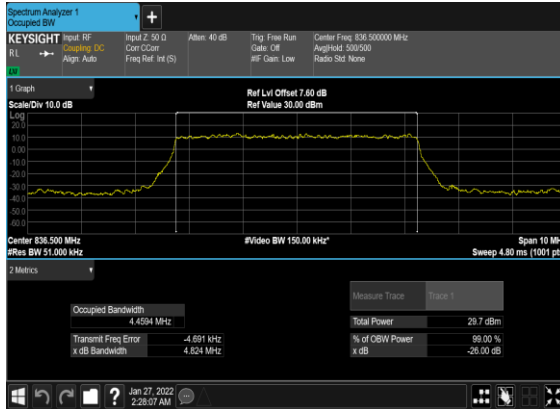
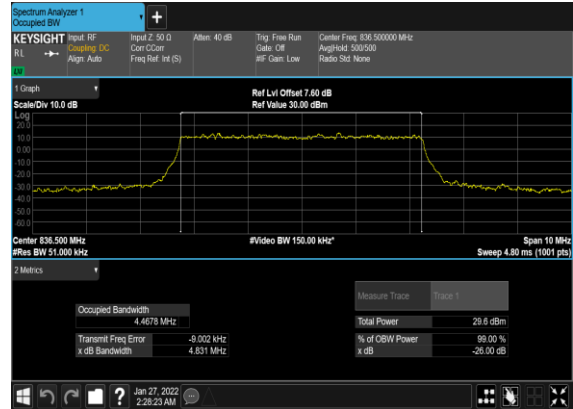


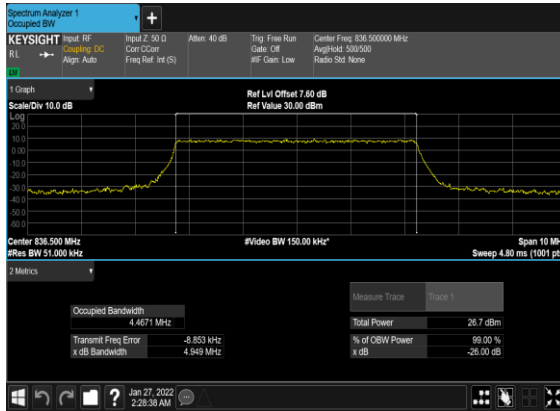
B7\_N5(5M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



B7\_N5(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



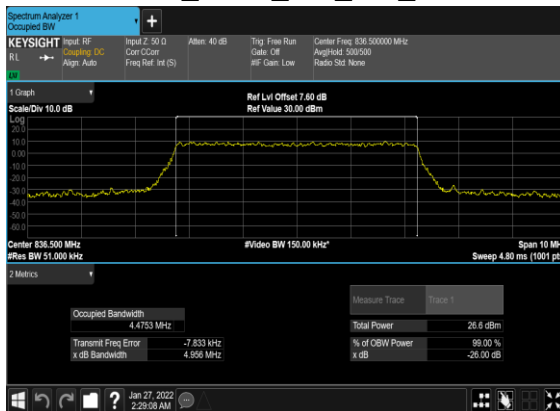
B7\_N5(5M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



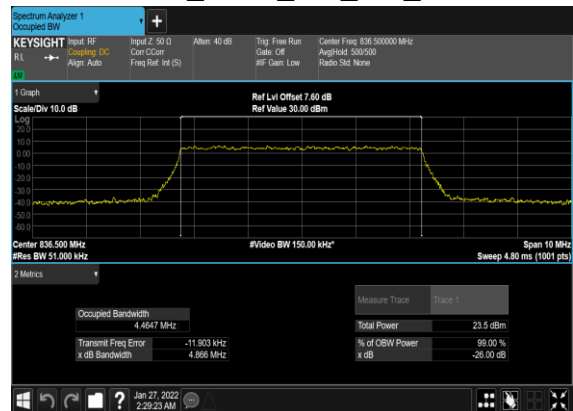
B7\_N5(5M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



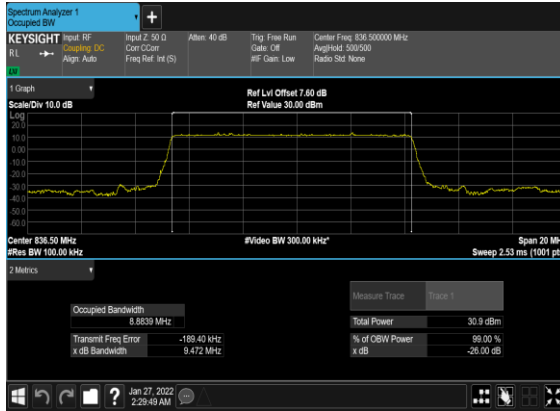
B7\_N5(5M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



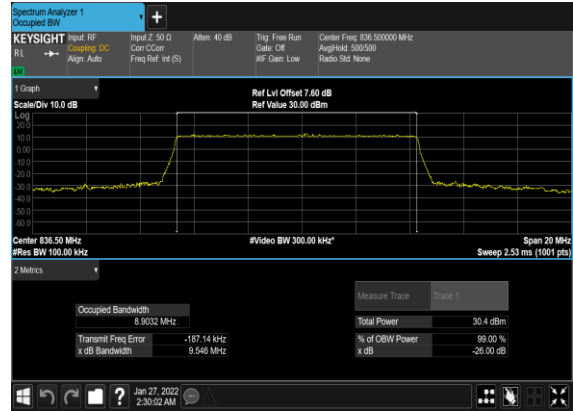
B7\_N5(5M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



### B7\_N5(10M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### B7\_N5(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### B7\_N5(10M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



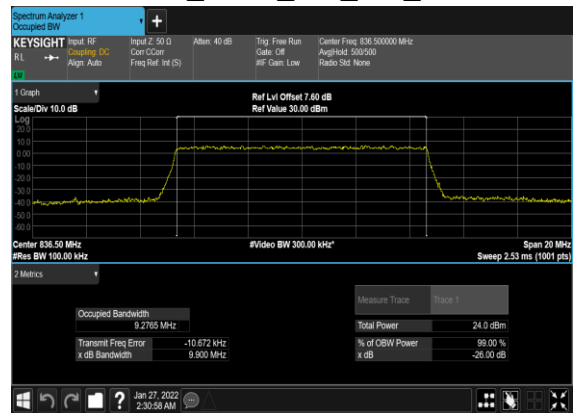
### B7\_N5(10M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



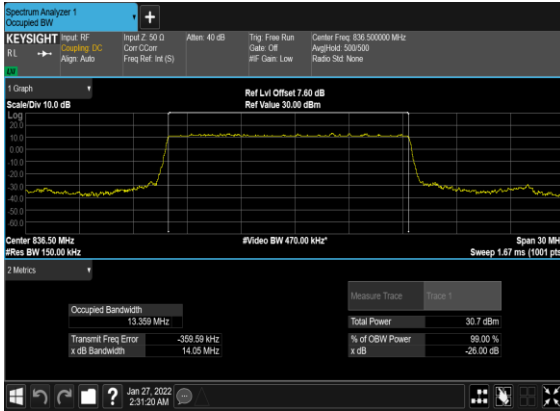
### B7\_N5(10M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



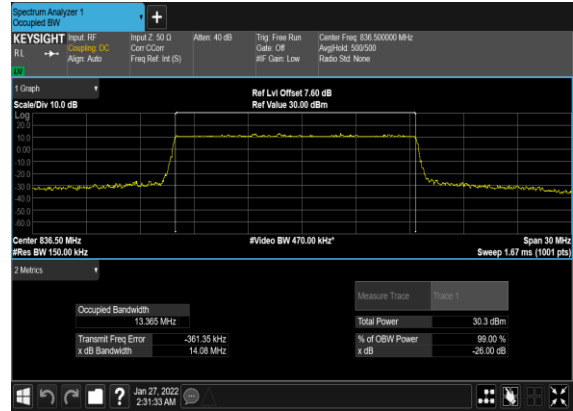
### B7\_N5(10M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



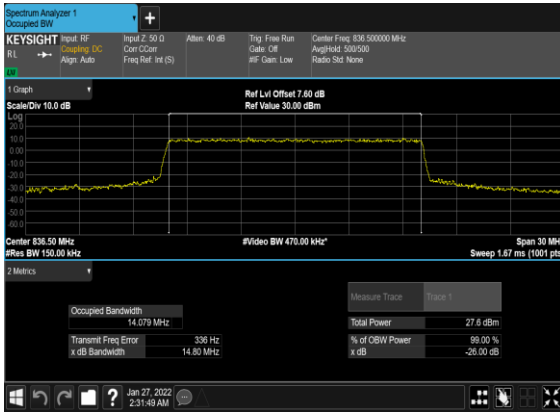
### B7\_N5(15M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### B7\_N5(15M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



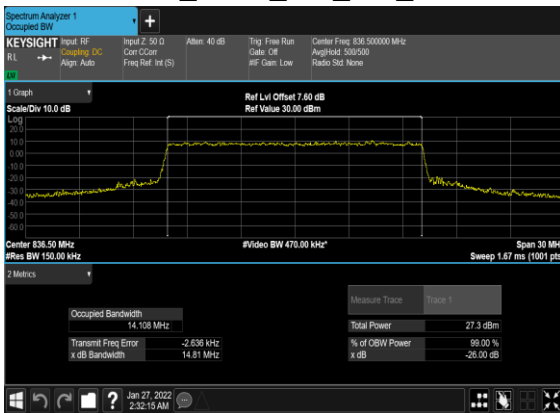
### B7\_N5(15M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



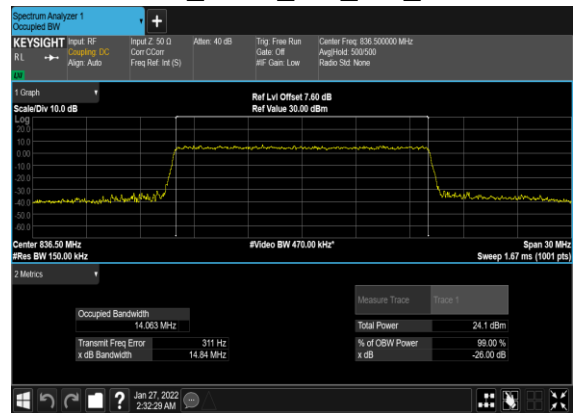
### B7\_N5(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



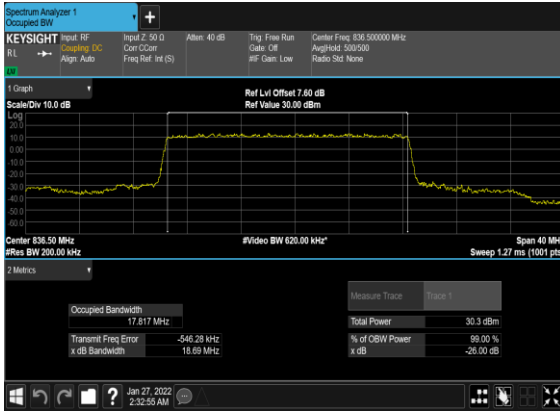
### B7\_N5(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### B7\_N5(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



### B7\_N5(20M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### B7\_N5(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



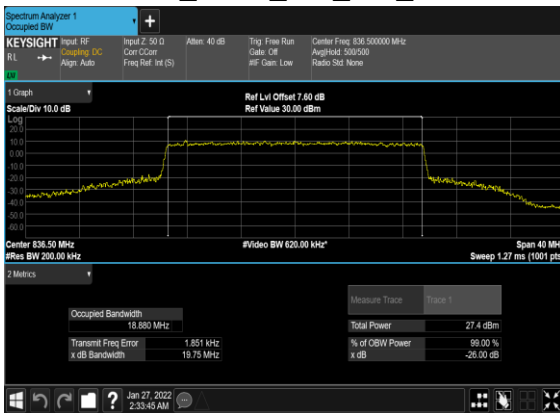
### B7\_N5(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



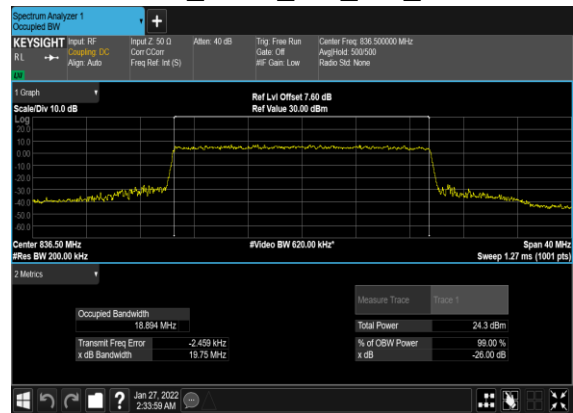
### B7\_N5(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### B7\_N5(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### B7\_N5(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
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	5	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	5	178300	846.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	178300	846.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	10	174800	829.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	174800	829.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	10	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	10	177800	844.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	10	177800	844.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>

5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	20	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	176300	836.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>
5	15	20	176800	839.0	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	20	176800	839.0	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	see graph	<b>PASS</b>

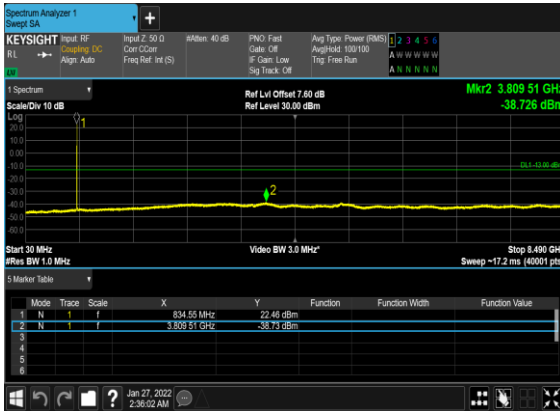
### B7\_N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### B7\_N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### B7\_N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



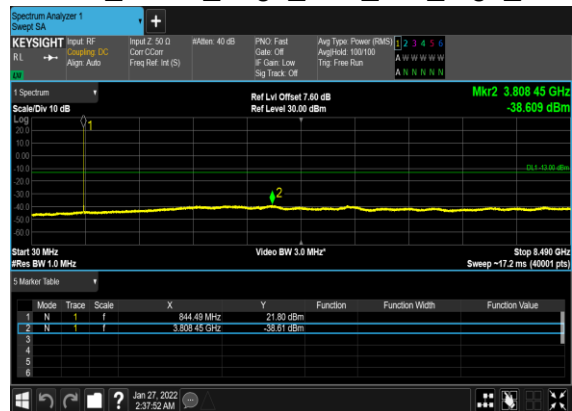
### B7\_N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



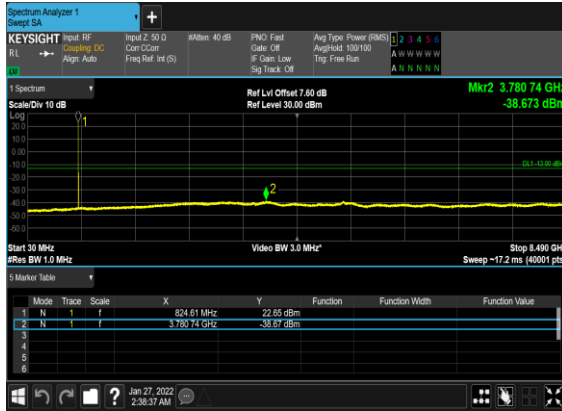
### B7\_N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



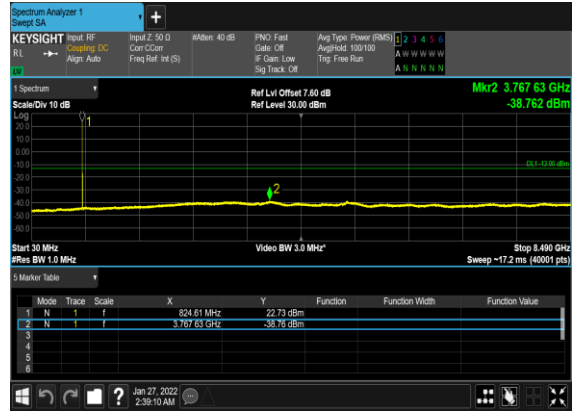
### B7\_N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



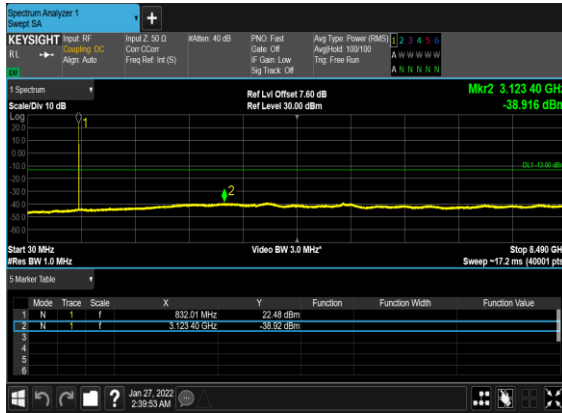
B7\_N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



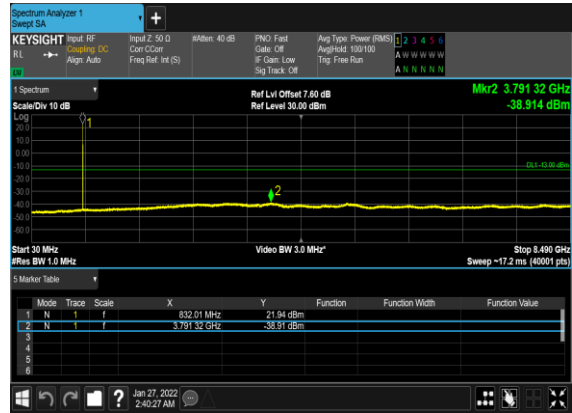
B7\_N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B7\_N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B7\_N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B7\_N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B7\_N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH





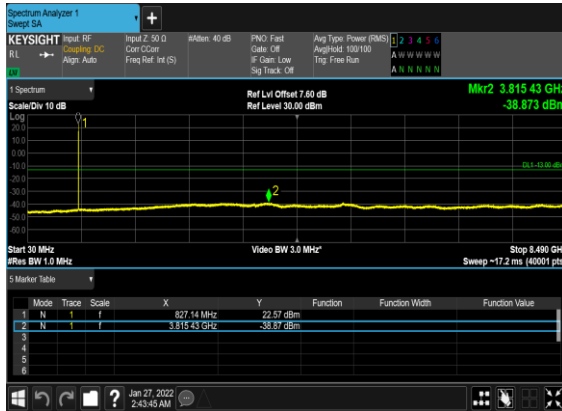
### B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



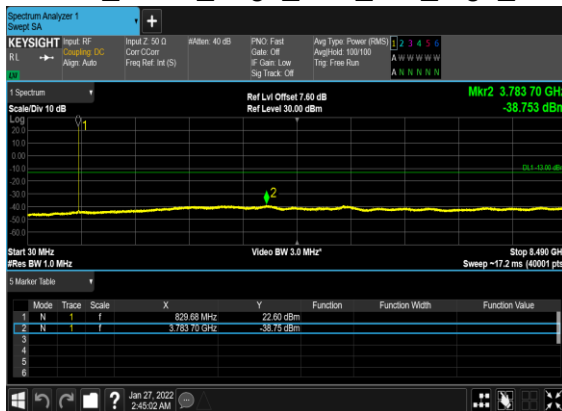
### B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



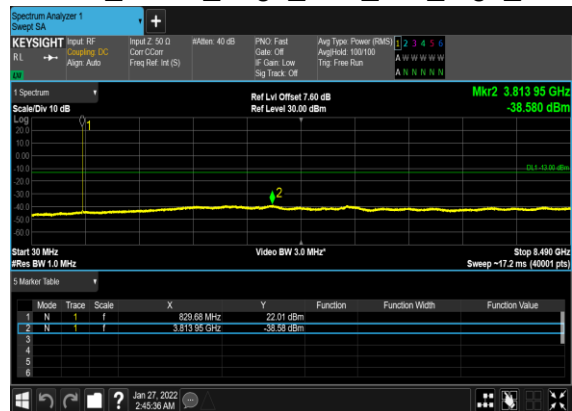
### B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



## Conducted Band Edge

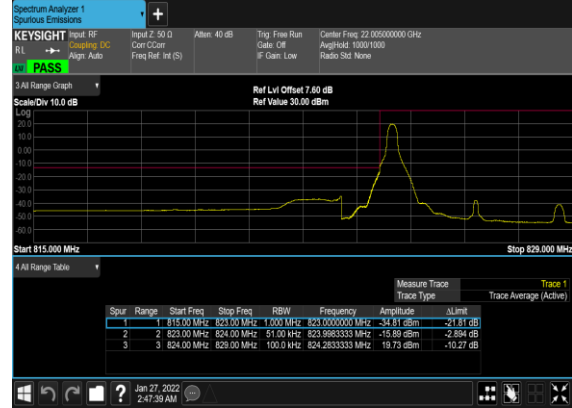
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	5	174300	826.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	174300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
5	15	5	178300	846.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
5	15	10	174800	829.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM BPSK	1@51	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM QPSK	1@51	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM BPSK	50@0	see graph	PASS
5	15	10	177800	844.0	DFT-s-OFDM QPSK	50@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
5	15	20	176800	839.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@105	see graph	PASS

5	15	20	176800	839.0	DFT-s-OFDM BPSK	100@0	see graph	<b>PASS</b>
5	15	20	176800	839.0	DFT-s-OFDM QPSK	100@0	see graph	<b>PASS</b>

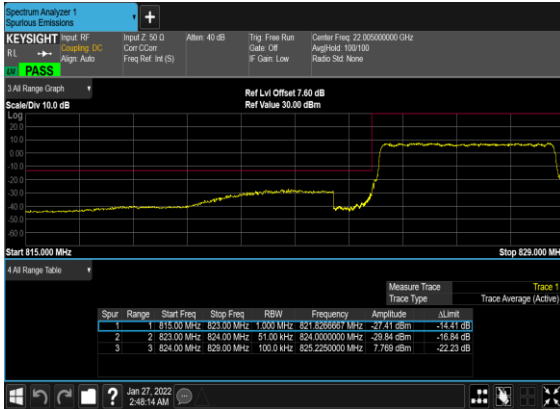
B7\_N5(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



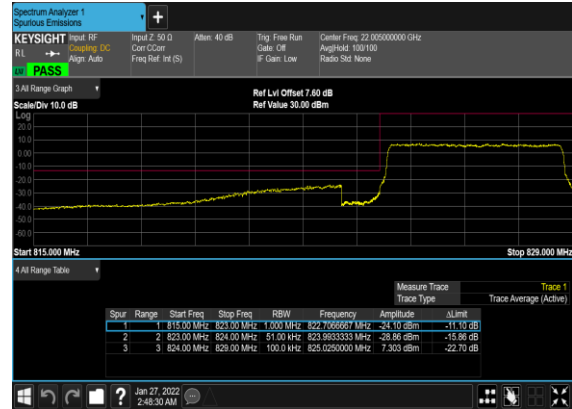
B7\_N5(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



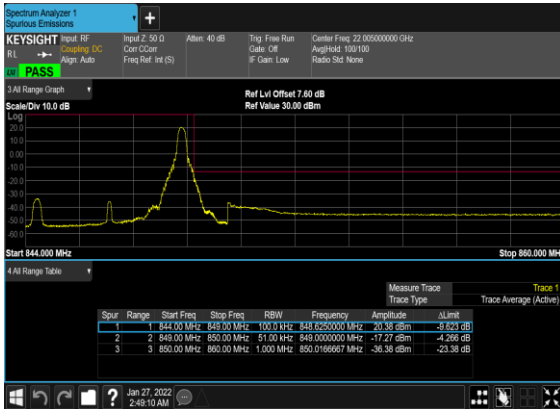
B7\_N5(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



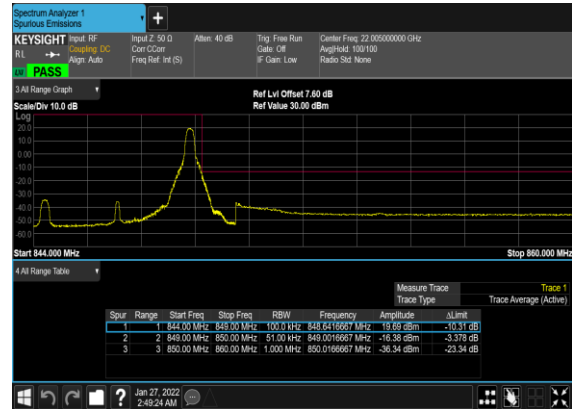
B7\_N5(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



B7\_N5(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



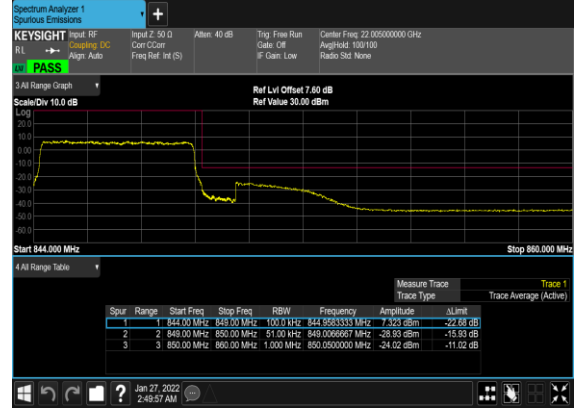
B7\_N5(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



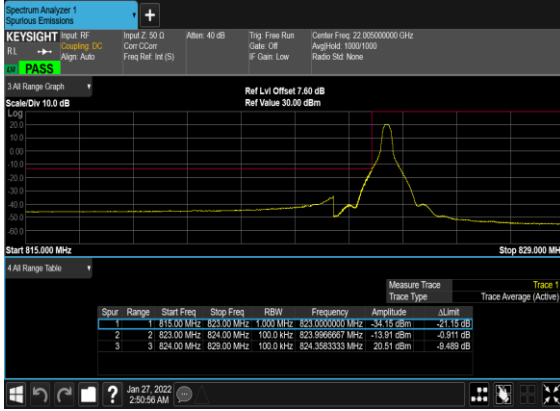
### B7\_N5(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



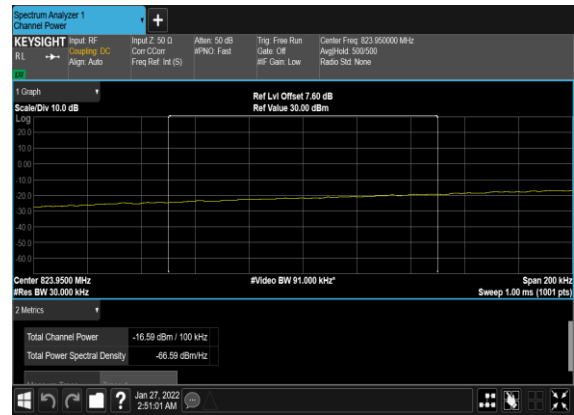
### B7\_N5(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



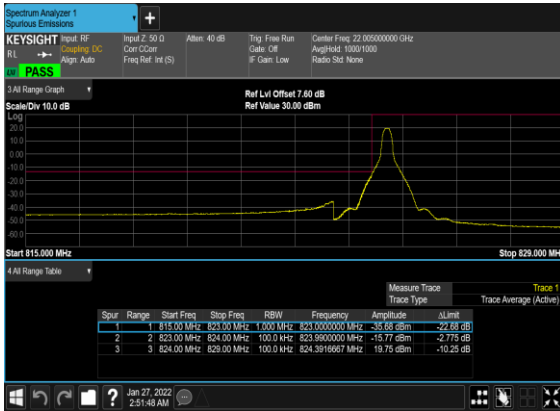
### B7\_N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



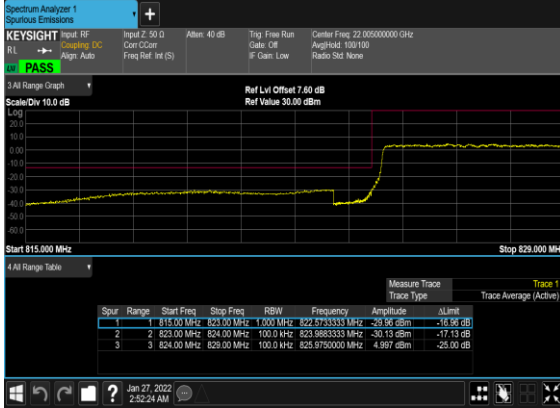
### B7\_N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PA SS



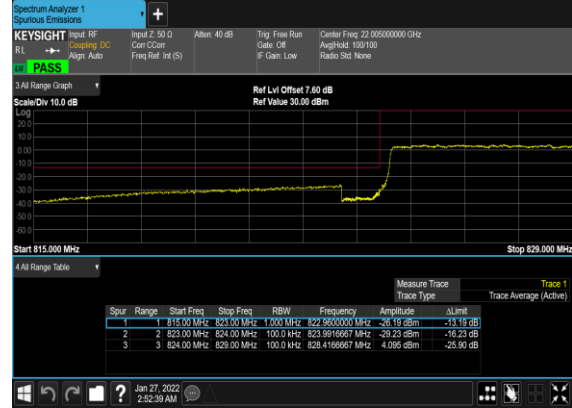
### B7\_N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



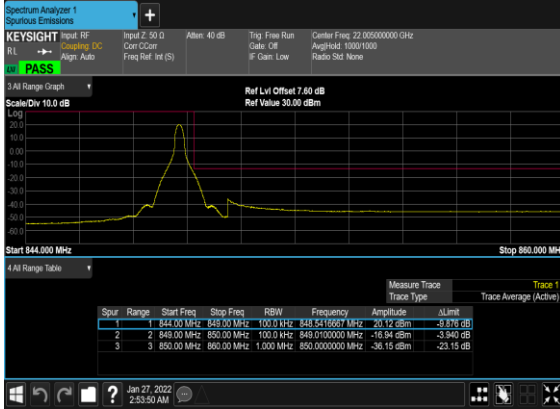
B7\_N5(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



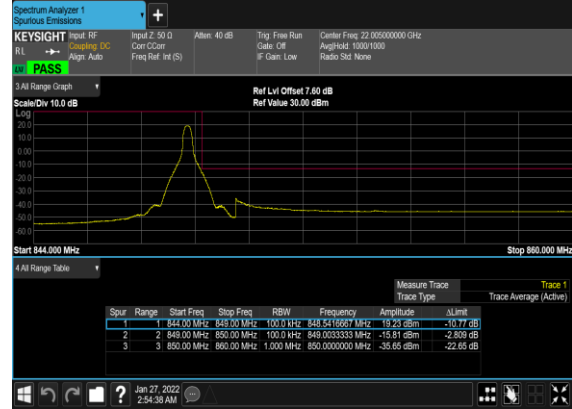
B7\_N5(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



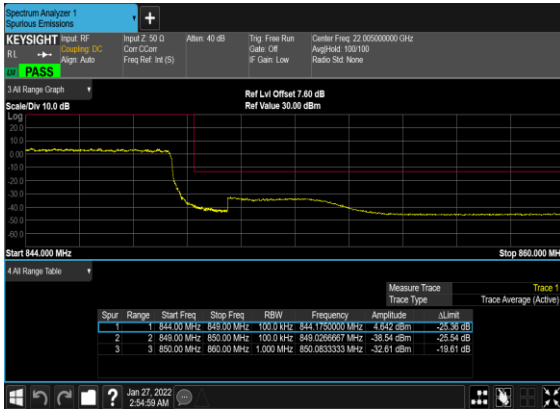
B7\_N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



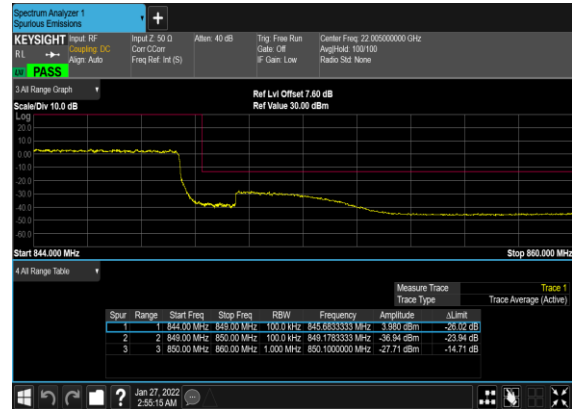
B7\_N5(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



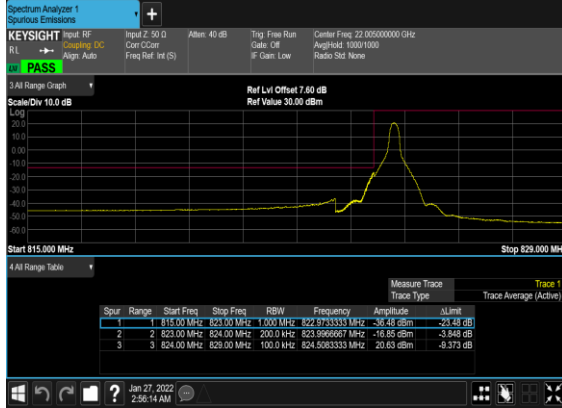
B7\_N5(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



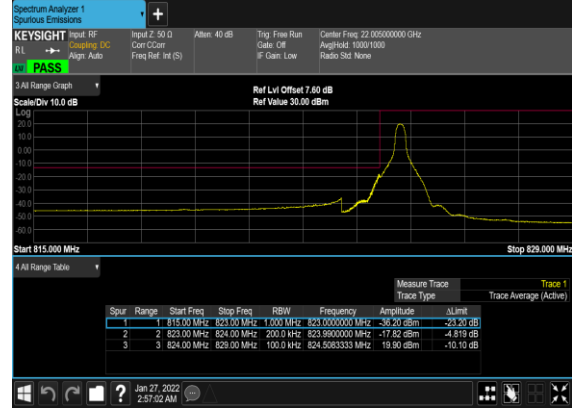
B7\_N5(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



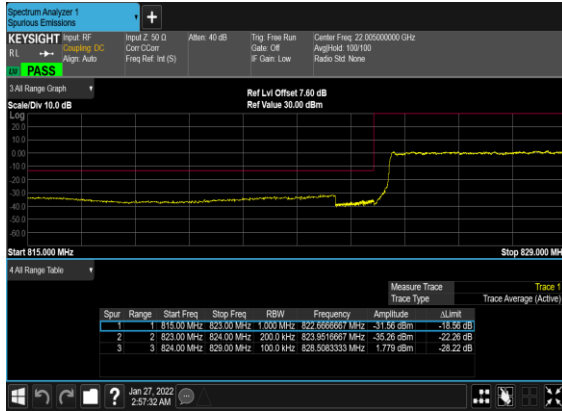
B7\_N5(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



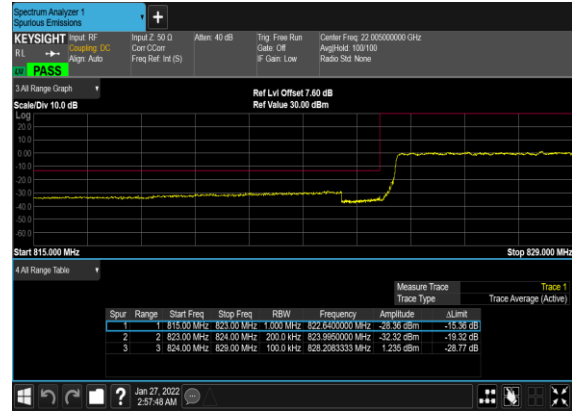
B7\_N5(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



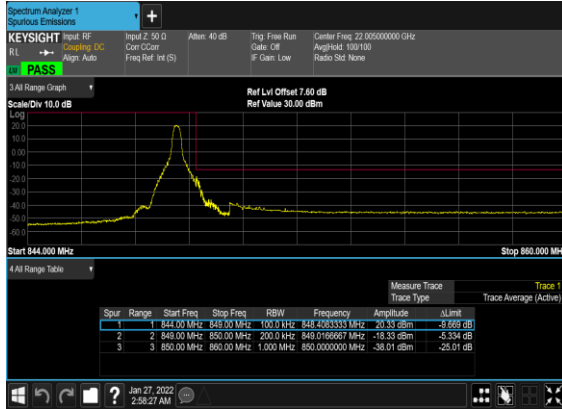
B7\_N5(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



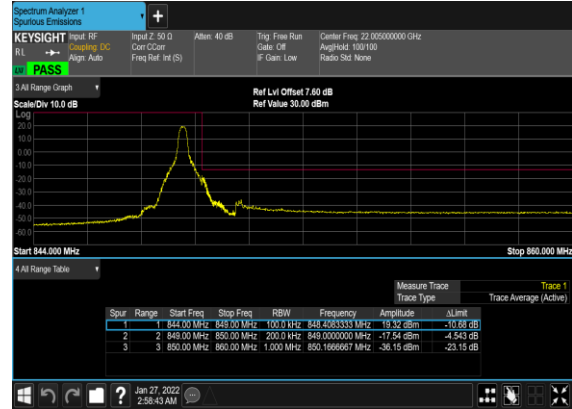
B7\_N5(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



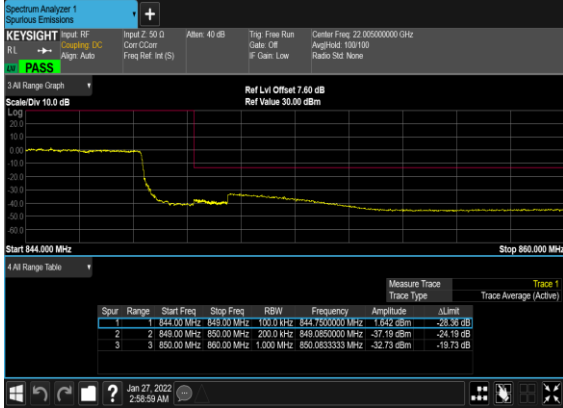
B7\_N5(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



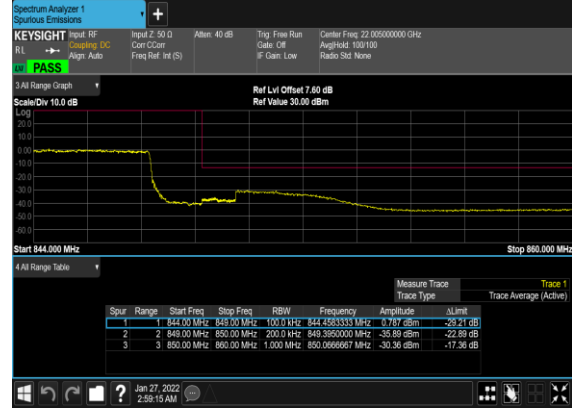
B7\_N5(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





# FR1 N7(ANT0)

LTE Band: 2(ANT1), LTE BW: 10M, LTE ARFCN: Mid

## Transmitter Conducted Output Power And EIRP, ( $G_T-L_C$ )=-1.00dB

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	12@6	24.08	23.08	0.2032
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	1@1	24.01	23.01	0.2000
7	15	5	524500	2502.5	DFT-s-OFDM PI/2 BPSK	1@23	24.09	23.09	0.2037
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	12@6	24.06	23.06	0.2023
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@1	24.04	23.04	0.2014
7	15	5	524500	2502.5	DFT-s-OFDM QPSK	1@23	24.13	23.13	0.2056
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	12@6	23.23	22.23	0.1671
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	1@1	23.17	22.17	0.1648
7	15	5	524500	2502.5	DFT-s-OFDM 16 QAM	1@23	23.16	22.16	0.1644
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	12@6	21.7	20.7	0.1175
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	1@1	21.81	20.81	0.1205
7	15	5	524500	2502.5	DFT-s-OFDM 64 QAM	1@23	21.81	20.81	0.1205
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	12@6	19.61	18.61	0.0726
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	1@1	19.08	18.08	0.0643
7	15	5	524500	2502.5	DFT-s-OFDM 256 QAM	1@23	19.1	18.1	0.0646
7	15	5	524500	2502.5	CP-OFDM QPSK	13@6	22.59	21.59	0.1442
7	15	5	524500	2502.5	CP-OFDM QPSK	1@1	22.64	21.64	0.1459
7	15	5	524500	2502.5	CP-OFDM QPSK	1@23	22.65	21.65	0.1462
7	15	5	531000	2535	DFT-s-OFDM PI/2 BPSK	12@6	24.12	23.12	0.2051
7	15	5	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.1	23.1	0.2042
7	15	5	531000	2535	DFT-s-OFDM PI/2 BPSK	1@23	24.14	23.14	0.2061
7	15	5	531000	2535	DFT-s-OFDM QPSK	12@6	24.11	23.11	0.2046
7	15	5	531000	2535	DFT-s-OFDM QPSK	1@1	24.1	23.1	0.2042
7	15	5	531000	2535	DFT-s-OFDM QPSK	1@23	24.18	23.18	0.2080
7	15	5	531000	2535	DFT-s-OFDM 16 QAM	12@6	23.28	22.28	0.1690
7	15	5	531000	2535	DFT-s-OFDM 16 QAM	1@1	23.16	22.16	0.1644

7	15	5	531000	2535	DFT-s-OFDM 16 QAM	1@23	23.27	22.27	0.1687
7	15	5	531000	2535	DFT-s-OFDM 64 QAM	12@6	21.78	20.78	0.1197
7	15	5	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.83	20.83	0.1211
7	15	5	531000	2535	DFT-s-OFDM 64 QAM	1@23	21.88	20.88	0.1225
7	15	5	531000	2535	DFT-s-OFDM 256 QAM	12@6	19.67	18.67	0.0736
7	15	5	531000	2535	DFT-s-OFDM 256 QAM	1@1	19.11	18.11	0.0647
7	15	5	531000	2535	DFT-s-OFDM 256 QAM	1@23	19.18	18.18	0.0658
7	15	5	531000	2535	CP-OFDM QPSK	13@6	22.66	21.66	0.1466
7	15	5	531000	2535	CP-OFDM QPSK	1@1	22.66	21.66	0.1466
7	15	5	531000	2535	CP-OFDM QPSK	1@23	22.72	21.72	0.1486
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	12@6	23.98	22.98	0.1986
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	1@1	23.94	22.94	0.1968
7	15	5	537500	2567.5	DFT-s-OFDM PI/2 BPSK	1@23	24.11	23.11	0.2046
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	12@6	24.02	23.02	0.2004
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@1	24.03	23.03	0.2009
7	15	5	537500	2567.5	DFT-s-OFDM QPSK	1@23	24.12	23.12	0.2051
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	12@6	23.18	22.18	0.1652
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	1@1	23.11	22.11	0.1626
7	15	5	537500	2567.5	DFT-s-OFDM 16 QAM	1@23	23.17	22.17	0.1648
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	12@6	21.66	20.66	0.1164
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	1@1	21.73	20.73	0.1183
7	15	5	537500	2567.5	DFT-s-OFDM 64 QAM	1@23	21.74	20.74	0.1186
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	12@6	19.56	18.56	0.0718
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	1@1	19.01	18.01	0.0632
7	15	5	537500	2567.5	DFT-s-OFDM 256 QAM	1@23	19.06	18.06	0.0640
7	15	5	537500	2567.5	CP-OFDM QPSK	13@6	22.53	21.53	0.1422
7	15	5	537500	2567.5	CP-OFDM QPSK	1@1	22.59	21.59	0.1442
7	15	5	537500	2567.5	CP-OFDM QPSK	1@23	22.59	21.59	0.1442
7	15	10	525000	2505	DFT-s-OFDM PI/2 BPSK	25@12	24.06	23.06	0.2023
7	15	10	525000	2505	DFT-s-OFDM PI/2 BPSK	1@1	24.08	23.08	0.2032
7	15	10	525000	2505	DFT-s-OFDM PI/2 BPSK	1@50	24.08	23.08	0.2032
7	15	10	525000	2505	DFT-s-OFDM QPSK	25@12	24.12	23.12	0.2051
7	15	10	525000	2505	DFT-s-OFDM QPSK	1@1	24.1	23.1	0.2042
7	15	10	525000	2505	DFT-s-OFDM QPSK	1@50	24.16	23.16	0.2070

7	15	10	525000	2505	DFT-s-OFDM 16 QAM	25@12	23.25	22.25	0.1679
7	15	10	525000	2505	DFT-s-OFDM 16 QAM	1@1	23.22	22.22	0.1667
7	15	10	525000	2505	DFT-s-OFDM 16 QAM	1@50	23.19	22.19	0.1656
7	15	10	525000	2505	DFT-s-OFDM 64 QAM	25@12	21.73	20.73	0.1183
7	15	10	525000	2505	DFT-s-OFDM 64 QAM	1@1	21.84	20.84	0.1213
7	15	10	525000	2505	DFT-s-OFDM 64 QAM	1@50	21.84	20.84	0.1213
7	15	10	525000	2505	DFT-s-OFDM 256 QAM	25@12	19.62	18.62	0.0728
7	15	10	525000	2505	DFT-s-OFDM 256 QAM	1@1	19.14	18.14	0.0652
7	15	10	525000	2505	DFT-s-OFDM 256 QAM	1@50	19.09	18.09	0.0644
7	15	10	525000	2505	CP-OFDM QPSK	26@13	22.61	21.61	0.1449
7	15	10	525000	2505	CP-OFDM QPSK	1@1	22.68	21.68	0.1472
7	15	10	525000	2505	CP-OFDM QPSK	1@50	22.7	21.7	0.1479
7	15	10	531000	2535	DFT-s-OFDM PI/2 BPSK	25@12	24.11	23.11	0.2046
7	15	10	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	24.1	23.1	0.2042
7	15	10	531000	2535	DFT-s-OFDM PI/2 BPSK	1@50	24.17	23.17	0.2075
7	15	10	531000	2535	DFT-s-OFDM QPSK	25@12	24.17	23.17	0.2075
7	15	10	531000	2535	DFT-s-OFDM QPSK	1@1	24.15	23.15	0.2065
7	15	10	531000	2535	DFT-s-OFDM QPSK	1@50	24.21	23.21	0.2094
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	25@12	23.27	22.27	0.1687
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	1@1	23.22	22.22	0.1667
7	15	10	531000	2535	DFT-s-OFDM 16 QAM	1@50	23.29	22.29	0.1694
7	15	10	531000	2535	DFT-s-OFDM 64 QAM	25@12	21.73	20.73	0.1183
7	15	10	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.86	20.86	0.1219
7	15	10	531000	2535	DFT-s-OFDM 64 QAM	1@50	21.93	20.93	0.1239
7	15	10	531000	2535	DFT-s-OFDM 256 QAM	25@12	19.67	18.67	0.0736
7	15	10	531000	2535	DFT-s-OFDM 256 QAM	1@1	19.13	18.13	0.0650
7	15	10	531000	2535	DFT-s-OFDM 256 QAM	1@50	19.22	18.22	0.0664
7	15	10	531000	2535	CP-OFDM QPSK	26@13	22.67	21.67	0.1469
7	15	10	531000	2535	CP-OFDM QPSK	1@1	22.71	21.71	0.1483
7	15	10	531000	2535	CP-OFDM QPSK	1@50	22.83	21.83	0.1524
7	15	10	537000	2565	DFT-s-OFDM PI/2 BPSK	25@12	23.98	22.98	0.1986
7	15	10	537000	2565	DFT-s-OFDM PI/2 BPSK	1@1	24.01	23.01	0.2000
7	15	10	537000	2565	DFT-s-OFDM PI/2 BPSK	1@50	24.1	23.1	0.2042
7	15	10	537000	2565	DFT-s-OFDM QPSK	25@12	24.04	23.04	0.2014

7	15	10	537000	2565	DFT-s-OFDM QPSK	1@1	24.03	23.03	0.2009
7	15	10	537000	2565	DFT-s-OFDM QPSK	1@50	24.12	23.12	0.2051
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	25@12	23.2	22.2	0.1660
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	1@1	23.16	22.16	0.1644
7	15	10	537000	2565	DFT-s-OFDM 16 QAM	1@50	23.21	22.21	0.1663
7	15	10	537000	2565	DFT-s-OFDM 64 QAM	25@12	21.66	20.66	0.1164
7	15	10	537000	2565	DFT-s-OFDM 64 QAM	1@1	21.75	20.75	0.1189
7	15	10	537000	2565	DFT-s-OFDM 64 QAM	1@50	21.82	20.82	0.1208
7	15	10	537000	2565	DFT-s-OFDM 256 QAM	25@12	19.55	18.55	0.0716
7	15	10	537000	2565	DFT-s-OFDM 256 QAM	1@1	19.08	18.08	0.0643
7	15	10	537000	2565	DFT-s-OFDM 256 QAM	1@50	19.11	18.11	0.0647
7	15	10	537000	2565	CP-OFDM QPSK	26@13	22.57	21.57	0.1435
7	15	10	537000	2565	CP-OFDM QPSK	1@1	22.62	21.62	0.1452
7	15	10	537000	2565	CP-OFDM QPSK	1@50	22.72	21.72	0.1486
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	36@18	24.31	23.31	0.2143
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	1@1	24.27	23.27	0.2123
7	15	15	525500	2507.5	DFT-s-OFDM PI/2 BPSK	1@77	24.26	23.26	0.2118
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	36@18	24.31	23.31	0.2143
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	1@1	24.37	23.37	0.2173
7	15	15	525500	2507.5	DFT-s-OFDM QPSK	1@77	24.31	23.31	0.2143
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	36@18	23.4	22.4	0.1738
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	1@1	23.43	22.43	0.1750
7	15	15	525500	2507.5	DFT-s-OFDM 16 QAM	1@77	23.33	22.33	0.1710
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	36@18	21.94	20.94	0.1242
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	1@1	22.11	21.11	0.1291
7	15	15	525500	2507.5	DFT-s-OFDM 64 QAM	1@77	22.03	21.03	0.1268
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	36@18	19.79	18.79	0.0757
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	1@1	19.34	18.34	0.0682
7	15	15	525500	2507.5	DFT-s-OFDM 256 QAM	1@77	19.35	18.35	0.0684
7	15	15	525500	2507.5	CP-OFDM QPSK	39@19	22.88	21.88	0.1542
7	15	15	525500	2507.5	CP-OFDM QPSK	1@1	22.94	21.94	0.1563
7	15	15	525500	2507.5	CP-OFDM QPSK	1@77	22.83	21.83	0.1524
7	15	15	531000	2535	DFT-s-OFDM PI/2 BPSK	36@18	24.06	23.06	0.2023
7	15	15	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.97	22.97	0.1982

7	15	15	531000	2535	DFT-s-OFDM PI/2 BPSK	1@77	24.04	23.04	0.2014
7	15	15	531000	2535	DFT-s-OFDM QPSK	36@18	24.04	23.04	0.2014
7	15	15	531000	2535	DFT-s-OFDM QPSK	1@1	24.01	23.01	0.2000
7	15	15	531000	2535	DFT-s-OFDM QPSK	1@77	24.11	23.11	0.2046
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	36@18	23.14	22.14	0.1637
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	1@1	23.03	22.03	0.1596
7	15	15	531000	2535	DFT-s-OFDM 16 QAM	1@77	23.11	22.11	0.1626
7	15	15	531000	2535	DFT-s-OFDM 64 QAM	36@18	21.62	20.62	0.1153
7	15	15	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.73	20.73	0.1183
7	15	15	531000	2535	DFT-s-OFDM 64 QAM	1@77	21.77	20.77	0.1194
7	15	15	531000	2535	DFT-s-OFDM 256 QAM	36@18	19.51	18.51	0.0710
7	15	15	531000	2535	DFT-s-OFDM 256 QAM	1@1	19.04	18.04	0.0637
7	15	15	531000	2535	DFT-s-OFDM 256 QAM	1@77	19.13	18.13	0.0650
7	15	15	531000	2535	CP-OFDM QPSK	39@19	22.58	21.58	0.1439
7	15	15	531000	2535	CP-OFDM QPSK	1@1	22.62	21.62	0.1452
7	15	15	531000	2535	CP-OFDM QPSK	1@77	22.53	21.53	0.1422
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	36@18	23.97	22.97	0.1982
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	1@1	23.99	22.99	0.1991
7	15	15	536500	2562.5	DFT-s-OFDM PI/2 BPSK	1@77	24.05	23.05	0.2018
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	36@18	23.92	22.92	0.1959
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	1@1	23.93	22.93	0.1963
7	15	15	536500	2562.5	DFT-s-OFDM QPSK	1@77	23.93	22.93	0.1963
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	36@18	23.06	22.06	0.1607
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	1@1	23.02	22.02	0.1592
7	15	15	536500	2562.5	DFT-s-OFDM 16 QAM	1@77	23.04	22.04	0.1600
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	36@18	21.54	20.54	0.1132
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	1@1	21.64	20.64	0.1159
7	15	15	536500	2562.5	DFT-s-OFDM 64 QAM	1@77	21.77	20.77	0.1194
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	36@18	19.4	18.4	0.0692
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	1@1	19.05	18.05	0.0638
7	15	15	536500	2562.5	DFT-s-OFDM 256 QAM	1@77	19.77	18.77	0.0753
7	15	15	536500	2562.5	CP-OFDM QPSK	39@19	22.64	21.64	0.1459
7	15	15	536500	2562.5	CP-OFDM QPSK	1@1	22.46	21.46	0.1400
7	15	15	536500	2562.5	CP-OFDM QPSK	1@77	22.41	21.41	0.1384

7	15	20	526000	2510	DFT-s-OFDM PI/2 BPSK	50@25	24.32	23.32	0.2148
7	15	20	526000	2510	DFT-s-OFDM PI/2 BPSK	1@1	24.29	23.29	0.2133
7	15	20	526000	2510	DFT-s-OFDM PI/2 BPSK	1@104	24.28	23.28	0.2128
7	15	20	526000	2510	DFT-s-OFDM QPSK	50@25	24.3	23.3	0.2138
7	15	20	526000	2510	DFT-s-OFDM QPSK	1@1	24.34	23.34	0.2158
7	15	20	526000	2510	DFT-s-OFDM QPSK	1@104	24.31	23.31	0.2143
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	50@25	23.39	22.39	0.1734
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	1@1	23.39	22.39	0.1734
7	15	20	526000	2510	DFT-s-OFDM 16 QAM	1@104	23.35	22.35	0.1718
7	15	20	526000	2510	DFT-s-OFDM 64 QAM	50@25	21.96	20.96	0.1247
7	15	20	526000	2510	DFT-s-OFDM 64 QAM	1@1	22.06	21.06	0.1276
7	15	20	526000	2510	DFT-s-OFDM 64 QAM	1@104	22.04	21.04	0.1271
7	15	20	526000	2510	DFT-s-OFDM 256 QAM	50@25	19.85	18.85	0.0767
7	15	20	526000	2510	DFT-s-OFDM 256 QAM	1@1	19.41	18.41	0.0693
7	15	20	526000	2510	DFT-s-OFDM 256 QAM	1@104	19.38	18.38	0.0689
7	15	20	526000	2510	CP-OFDM QPSK	53@26	22.83	21.83	0.1524
7	15	20	526000	2510	CP-OFDM QPSK	1@1	22.91	21.91	0.1552
7	15	20	526000	2510	CP-OFDM QPSK	1@104	22.82	21.82	0.1521
7	15	20	531000	2535	DFT-s-OFDM PI/2 BPSK	50@25	24.13	23.13	0.2056
7	15	20	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.97	22.97	0.1982
7	15	20	531000	2535	DFT-s-OFDM PI/2 BPSK	1@104	24.06	23.06	0.2023
7	15	20	531000	2535	DFT-s-OFDM QPSK	50@25	24.07	23.07	0.2028
7	15	20	531000	2535	DFT-s-OFDM QPSK	1@1	24	23	0.1995
7	15	20	531000	2535	DFT-s-OFDM QPSK	1@104	24.04	23.04	0.2014
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	50@25	23.11	22.11	0.1626
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	1@1	23.05	22.05	0.1603
7	15	20	531000	2535	DFT-s-OFDM 16 QAM	1@104	23.16	22.16	0.1644
7	15	20	531000	2535	DFT-s-OFDM 64 QAM	50@25	21.66	20.66	0.1164
7	15	20	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.73	20.73	0.1183
7	15	20	531000	2535	DFT-s-OFDM 64 QAM	1@104	21.79	20.79	0.1199
7	15	20	531000	2535	DFT-s-OFDM 256 QAM	50@25	19.61	18.61	0.0726
7	15	20	531000	2535	DFT-s-OFDM 256 QAM	1@1	19.03	18.03	0.0635
7	15	20	531000	2535	DFT-s-OFDM 256 QAM	1@104	19.14	18.14	0.0652
7	15	20	531000	2535	CP-OFDM QPSK	53@26	22.54	21.54	0.1426

7	15	20	531000	2535	CP-OFDM QPSK	1@1	22.54	21.54	0.1426
7	15	20	531000	2535	CP-OFDM QPSK	1@104	22.56	21.56	0.1432
7	15	20	536000	2560	DFT-s-OFDM PI/2 BPSK	50@25	24.02	23.02	0.2004
7	15	20	536000	2560	DFT-s-OFDM PI/2 BPSK	1@1	23.91	22.91	0.1954
7	15	20	536000	2560	DFT-s-OFDM PI/2 BPSK	1@104	23.94	22.94	0.1968
7	15	20	536000	2560	DFT-s-OFDM QPSK	50@25	23.97	22.97	0.1982
7	15	20	536000	2560	DFT-s-OFDM QPSK	1@1	23.93	22.93	0.1963
7	15	20	536000	2560	DFT-s-OFDM QPSK	1@104	23.99	22.99	0.1991
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	50@25	23.03	22.03	0.1596
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	1@1	23.02	22.02	0.1592
7	15	20	536000	2560	DFT-s-OFDM 16 QAM	1@104	23.04	22.04	0.1600
7	15	20	536000	2560	DFT-s-OFDM 64 QAM	50@25	21.55	20.55	0.1135
7	15	20	536000	2560	DFT-s-OFDM 64 QAM	1@1	21.65	20.65	0.1161
7	15	20	536000	2560	DFT-s-OFDM 64 QAM	1@104	21.69	20.69	0.1172
7	15	20	536000	2560	DFT-s-OFDM 256 QAM	50@25	19.5	18.5	0.0708
7	15	20	536000	2560	DFT-s-OFDM 256 QAM	1@1	19	18	0.0631
7	15	20	536000	2560	DFT-s-OFDM 256 QAM	1@104	19.05	18.05	0.0638
7	15	20	536000	2560	CP-OFDM QPSK	53@26	22.51	21.51	0.1416
7	15	20	536000	2560	CP-OFDM QPSK	1@1	22.5	21.5	0.1413
7	15	20	536000	2560	CP-OFDM QPSK	1@104	22.48	21.48	0.1406
7	15	25	526500	2512.5	DFT-s-OFDM PI/2 BPSK	64@32	23.86	22.86	0.1932
7	15	25	526500	2512.5	DFT-s-OFDM PI/2 BPSK	1@1	23.9	22.9	0.1950
7	15	25	526500	2512.5	DFT-s-OFDM PI/2 BPSK	1@131	23.98	22.98	0.1986
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	64@32	23.82	22.82	0.1914
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	1@1	23.94	22.94	0.1968
7	15	25	526500	2512.5	DFT-s-OFDM QPSK	1@131	23.94	22.94	0.1968
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	64@32	22.86	21.86	0.1535
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	1@1	22.99	21.99	0.1581
7	15	25	526500	2512.5	DFT-s-OFDM 16 QAM	1@131	23.06	22.06	0.1607
7	15	25	526500	2512.5	DFT-s-OFDM 64 QAM	64@32	21.43	20.43	0.1104
7	15	25	526500	2512.5	DFT-s-OFDM 64 QAM	1@1	21.67	20.67	0.1167
7	15	25	526500	2512.5	DFT-s-OFDM 64 QAM	1@131	21.76	20.76	0.1191
7	15	25	526500	2512.5	DFT-s-OFDM 256 QAM	64@32	19.34	18.34	0.0682
7	15	25	526500	2512.5	DFT-s-OFDM 256 QAM	1@1	18.96	17.96	0.0625

7	15	25	526500	2512.5	DFT-s-OFDM 256 QAM	1@131	18.96	17.96	0.0625
7	15	25	526500	2512.5	CP-OFDM QPSK	67@33	22.38	21.38	0.1374
7	15	25	526500	2512.5	CP-OFDM QPSK	1@1	22.49	21.49	0.1409
7	15	25	526500	2512.5	CP-OFDM QPSK	1@131	22.61	21.61	0.1449
7	15	25	531000	2535	DFT-s-OFDM PI/2 BPSK	64@32	23.94	22.94	0.1968
7	15	25	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.94	22.94	0.1968
7	15	25	531000	2535	DFT-s-OFDM PI/2 BPSK	1@131	24	23	0.1995
7	15	25	531000	2535	DFT-s-OFDM QPSK	64@32	23.92	22.92	0.1959
7	15	25	531000	2535	DFT-s-OFDM QPSK	1@1	23.95	22.95	0.1972
7	15	25	531000	2535	DFT-s-OFDM QPSK	1@131	24.01	23.01	0.2000
7	15	25	531000	2535	DFT-s-OFDM 16 QAM	64@32	23.01	22.01	0.1589
7	15	25	531000	2535	DFT-s-OFDM 16 QAM	1@1	23.03	22.03	0.1596
7	15	25	531000	2535	DFT-s-OFDM 16 QAM	1@131	23.09	22.09	0.1618
7	15	25	531000	2535	DFT-s-OFDM 64 QAM	64@32	21.52	20.52	0.1127
7	15	25	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.64	20.64	0.1159
7	15	25	531000	2535	DFT-s-OFDM 64 QAM	1@131	21.71	20.71	0.1178
7	15	25	531000	2535	DFT-s-OFDM 256 QAM	64@32	19.41	18.41	0.0693
7	15	25	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.96	17.96	0.0625
7	15	25	531000	2535	DFT-s-OFDM 256 QAM	1@131	18.94	17.94	0.0622
7	15	25	531000	2535	CP-OFDM QPSK	67@33	22.48	21.48	0.1406
7	15	25	531000	2535	CP-OFDM QPSK	1@1	22.55	21.55	0.1429
7	15	25	531000	2535	CP-OFDM QPSK	1@131	22.65	21.65	0.1462
7	15	25	535500	2557.5	DFT-s-OFDM PI/2 BPSK	64@32	24.1	23.1	0.2042
7	15	25	535500	2557.5	DFT-s-OFDM PI/2 BPSK	1@1	24.13	23.13	0.2056
7	15	25	535500	2557.5	DFT-s-OFDM PI/2 BPSK	1@131	24.16	23.16	0.2070
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	64@32	24.06	23.06	0.2023
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	1@1	24.15	23.15	0.2065
7	15	25	535500	2557.5	DFT-s-OFDM QPSK	1@131	24.21	23.21	0.2094
7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	64@32	23.11	22.11	0.1626
7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	1@1	23.24	22.24	0.1675
7	15	25	535500	2557.5	DFT-s-OFDM 16 QAM	1@131	23.23	22.23	0.1671
7	15	25	535500	2557.5	DFT-s-OFDM 64 QAM	64@32	21.64	20.64	0.1159
7	15	25	535500	2557.5	DFT-s-OFDM 64 QAM	1@1	21.9	20.9	0.1230
7	15	25	535500	2557.5	DFT-s-OFDM 64 QAM	1@131	21.89	20.89	0.1227



7	15	25	535500	2557.5	DFT-s-OFDM 256 QAM	64@32	19.55	18.55	0.0716
7	15	25	535500	2557.5	DFT-s-OFDM 256 QAM	1@1	19.2	18.2	0.0661
7	15	25	535500	2557.5	DFT-s-OFDM 256 QAM	1@131	19.12	18.12	0.0649
7	15	25	535500	2557.5	CP-OFDM QPSK	67@33	22.59	21.59	0.1442
7	15	25	535500	2557.5	CP-OFDM QPSK	1@1	22.73	21.73	0.1489
7	15	25	535500	2557.5	CP-OFDM QPSK	1@131	22.74	21.74	0.1493
7	15	30	527000	2515	DFT-s-OFDM PI/2 BPSK	80@40	23.88	22.88	0.1941
7	15	30	527000	2515	DFT-s-OFDM PI/2 BPSK	1@1	23.92	22.92	0.1959
7	15	30	527000	2515	DFT-s-OFDM PI/2 BPSK	1@158	23.98	22.98	0.1986
7	15	30	527000	2515	DFT-s-OFDM QPSK	80@40	23.85	22.85	0.1928
7	15	30	527000	2515	DFT-s-OFDM QPSK	1@1	23.99	22.99	0.1991
7	15	30	527000	2515	DFT-s-OFDM QPSK	1@158	24.04	23.04	0.2014
7	15	30	527000	2515	DFT-s-OFDM 16 QAM	80@40	22.9	21.9	0.1549
7	15	30	527000	2515	DFT-s-OFDM 16 QAM	1@1	23.01	22.01	0.1589
7	15	30	527000	2515	DFT-s-OFDM 16 QAM	1@158	23.08	22.08	0.1614
7	15	30	527000	2515	DFT-s-OFDM 64 QAM	80@40	21.41	20.41	0.1099
7	15	30	527000	2515	DFT-s-OFDM 64 QAM	1@1	21.67	20.67	0.1167
7	15	30	527000	2515	DFT-s-OFDM 64 QAM	1@158	21.73	20.73	0.1183
7	15	30	527000	2515	DFT-s-OFDM 256 QAM	80@40	19.38	18.38	0.0689
7	15	30	527000	2515	DFT-s-OFDM 256 QAM	1@1	18.94	17.94	0.0622
7	15	30	527000	2515	DFT-s-OFDM 256 QAM	1@158	18.99	17.99	0.0630
7	15	30	527000	2515	CP-OFDM QPSK	80@40	22.41	21.41	0.1384
7	15	30	527000	2515	CP-OFDM QPSK	1@1	22.55	21.55	0.1429
7	15	30	527000	2515	CP-OFDM QPSK	1@158	22.53	21.53	0.1422
7	15	30	531000	2535	DFT-s-OFDM PI/2 BPSK	80@40	23.9	22.9	0.1950
7	15	30	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.91	22.91	0.1954
7	15	30	531000	2535	DFT-s-OFDM PI/2 BPSK	1@158	24	23	0.1995
7	15	30	531000	2535	DFT-s-OFDM QPSK	80@40	23.91	22.91	0.1954
7	15	30	531000	2535	DFT-s-OFDM QPSK	1@1	23.98	22.98	0.1986
7	15	30	531000	2535	DFT-s-OFDM QPSK	1@158	24.04	23.04	0.2014
7	15	30	531000	2535	DFT-s-OFDM 16 QAM	80@40	22.96	21.96	0.1570
7	15	30	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.97	21.97	0.1574
7	15	30	531000	2535	DFT-s-OFDM 16 QAM	1@158	23.08	22.08	0.1614
7	15	30	531000	2535	DFT-s-OFDM 64 QAM	80@40	21.54	20.54	0.1132

7	15	30	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.66	20.66	0.1164
7	15	30	531000	2535	DFT-s-OFDM 64 QAM	1@158	21.73	20.73	0.1183
7	15	30	531000	2535	DFT-s-OFDM 256 QAM	80@40	19.49	18.49	0.0706
7	15	30	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.96	17.96	0.0625
7	15	30	531000	2535	DFT-s-OFDM 256 QAM	1@158	18.94	17.94	0.0622
7	15	30	531000	2535	CP-OFDM QPSK	80@40	22.51	21.51	0.1416
7	15	30	531000	2535	CP-OFDM QPSK	1@1	22.51	21.51	0.1416
7	15	30	531000	2535	CP-OFDM QPSK	1@158	22.59	21.59	0.1442
7	15	30	535000	2555	DFT-s-OFDM PI/2 BPSK	80@40	24.01	23.01	0.2000
7	15	30	535000	2555	DFT-s-OFDM PI/2 BPSK	1@1	24.14	23.14	0.2061
7	15	30	535000	2555	DFT-s-OFDM PI/2 BPSK	1@158	24.16	23.16	0.2070
7	15	30	535000	2555	DFT-s-OFDM QPSK	80@40	24.07	23.07	0.2028
7	15	30	535000	2555	DFT-s-OFDM QPSK	1@1	24.19	23.19	0.2084
7	15	30	535000	2555	DFT-s-OFDM QPSK	1@158	24.2	23.2	0.2089
7	15	30	535000	2555	DFT-s-OFDM 16 QAM	80@40	23.12	22.12	0.1629
7	15	30	535000	2555	DFT-s-OFDM 16 QAM	1@1	23.23	22.23	0.1671
7	15	30	535000	2555	DFT-s-OFDM 16 QAM	1@158	23.25	22.25	0.1679
7	15	30	535000	2555	DFT-s-OFDM 64 QAM	80@40	21.7	20.7	0.1175
7	15	30	535000	2555	DFT-s-OFDM 64 QAM	1@1	21.91	20.91	0.1233
7	15	30	535000	2555	DFT-s-OFDM 64 QAM	1@158	21.93	20.93	0.1239
7	15	30	535000	2555	DFT-s-OFDM 256 QAM	80@40	19.62	18.62	0.0728
7	15	30	535000	2555	DFT-s-OFDM 256 QAM	1@1	19.23	18.23	0.0665
7	15	30	535000	2555	DFT-s-OFDM 256 QAM	1@158	19.15	18.15	0.0653
7	15	30	535000	2555	CP-OFDM QPSK	80@40	22.68	21.68	0.1472
7	15	30	535000	2555	CP-OFDM QPSK	1@1	22.76	21.76	0.1500
7	15	30	535000	2555	CP-OFDM QPSK	1@158	22.77	21.77	0.1503
7	15	40	528000	2520	DFT-s-OFDM PI/2 BPSK	108@54	23.86	22.86	0.1932
7	15	40	528000	2520	DFT-s-OFDM PI/2 BPSK	1@1	23.88	22.88	0.1941
7	15	40	528000	2520	DFT-s-OFDM PI/2 BPSK	1@214	24.04	23.04	0.2014
7	15	40	528000	2520	DFT-s-OFDM QPSK	108@54	23.96	22.96	0.1977
7	15	40	528000	2520	DFT-s-OFDM QPSK	1@1	23.95	22.95	0.1972
7	15	40	528000	2520	DFT-s-OFDM QPSK	1@214	24.08	23.08	0.2032
7	15	40	528000	2520	DFT-s-OFDM 16 QAM	108@54	22.93	21.93	0.1560
7	15	40	528000	2520	DFT-s-OFDM 16 QAM	1@1	22.96	21.96	0.1570

7	15	40	528000	2520	DFT-s-OFDM 16 QAM	1@214	23.11	22.11	0.1626
7	15	40	528000	2520	DFT-s-OFDM 64 QAM	108@54	21.45	20.45	0.1109
7	15	40	528000	2520	DFT-s-OFDM 64 QAM	1@1	21.65	20.65	0.1161
7	15	40	528000	2520	DFT-s-OFDM 64 QAM	1@214	21.77	20.77	0.1194
7	15	40	528000	2520	DFT-s-OFDM 256 QAM	108@54	19.48	18.48	0.0705
7	15	40	528000	2520	DFT-s-OFDM 256 QAM	1@1	18.92	17.92	0.0619
7	15	40	528000	2520	DFT-s-OFDM 256 QAM	1@214	19.1	18.1	0.0646
7	15	40	528000	2520	CP-OFDM QPSK	108@54	22.51	21.51	0.1416
7	15	40	528000	2520	CP-OFDM QPSK	1@1	22.51	21.51	0.1416
7	15	40	528000	2520	CP-OFDM QPSK	1@214	22.61	21.61	0.1449
7	15	40	531000	2535	DFT-s-OFDM PI/2 BPSK	108@54	23.92	22.92	0.1959
7	15	40	531000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.87	22.87	0.1936
7	15	40	531000	2535	DFT-s-OFDM PI/2 BPSK	1@214	24	23	0.1995
7	15	40	531000	2535	DFT-s-OFDM QPSK	108@54	23.95	22.95	0.1972
7	15	40	531000	2535	DFT-s-OFDM QPSK	1@1	23.91	22.91	0.1954
7	15	40	531000	2535	DFT-s-OFDM QPSK	1@214	24.03	23.03	0.2009
7	15	40	531000	2535	DFT-s-OFDM 16 QAM	108@54	23.04	22.04	0.1600
7	15	40	531000	2535	DFT-s-OFDM 16 QAM	1@1	22.99	21.99	0.1581
7	15	40	531000	2535	DFT-s-OFDM 16 QAM	1@214	23.04	22.04	0.1600
7	15	40	531000	2535	DFT-s-OFDM 64 QAM	108@54	21.54	20.54	0.1132
7	15	40	531000	2535	DFT-s-OFDM 64 QAM	1@1	21.65	20.65	0.1161
7	15	40	531000	2535	DFT-s-OFDM 64 QAM	1@214	21.69	20.69	0.1172
7	15	40	531000	2535	DFT-s-OFDM 256 QAM	108@54	19.51	18.51	0.0710
7	15	40	531000	2535	DFT-s-OFDM 256 QAM	1@1	18.97	17.97	0.0627
7	15	40	531000	2535	DFT-s-OFDM 256 QAM	1@214	18.99	17.99	0.0630
7	15	40	531000	2535	CP-OFDM QPSK	108@54	22.53	21.53	0.1422
7	15	40	531000	2535	CP-OFDM QPSK	1@1	22.5	21.5	0.1413
7	15	40	531000	2535	CP-OFDM QPSK	1@214	22.46	21.46	0.1400
7	15	40	534000	2550	DFT-s-OFDM PI/2 BPSK	108@54	23.97	22.97	0.1982
7	15	40	534000	2550	DFT-s-OFDM PI/2 BPSK	1@1	23.94	22.94	0.1968
7	15	40	534000	2550	DFT-s-OFDM PI/2 BPSK	1@214	23.99	22.99	0.1991
7	15	40	534000	2550	DFT-s-OFDM QPSK	108@54	23.95	22.95	0.1972
7	15	40	534000	2550	DFT-s-OFDM QPSK	1@1	23.97	22.97	0.1982
7	15	40	534000	2550	DFT-s-OFDM QPSK	1@214	24.05	23.05	0.2018

7	15	40	534000	2550	DFT-s-OFDM 16 QAM	108@54	23.05	22.05	0.1603
7	15	40	534000	2550	DFT-s-OFDM 16 QAM	1@1	23.03	22.03	0.1596
7	15	40	534000	2550	DFT-s-OFDM 16 QAM	1@214	23.06	22.06	0.1607
7	15	40	534000	2550	DFT-s-OFDM 64 QAM	108@54	21.52	20.52	0.1127
7	15	40	534000	2550	DFT-s-OFDM 64 QAM	1@1	21.7	20.7	0.1175
7	15	40	534000	2550	DFT-s-OFDM 64 QAM	1@214	21.69	20.69	0.1172
7	15	40	534000	2550	DFT-s-OFDM 256 QAM	108@54	19.51	18.51	0.0710
7	15	40	534000	2550	DFT-s-OFDM 256 QAM	1@1	19.02	18.02	0.0634
7	15	40	534000	2550	DFT-s-OFDM 256 QAM	1@214	19.03	18.03	0.0635
7	15	40	534000	2550	CP-OFDM QPSK	108@54	22.51	21.51	0.1416
7	15	40	534000	2550	CP-OFDM QPSK	1@1	22.52	21.52	0.1419
7	15	40	534000	2550	CP-OFDM QPSK	1@214	22.5	21.5	0.1413

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0501	<b>PASS</b>	NV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0121	<b>PASS</b>	LV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0123	<b>PASS</b>	HV
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0219	<b>PASS</b>	-30°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0115	<b>PASS</b>	-20°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0221	<b>PASS</b>	-10°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0141	<b>PASS</b>	0°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0121	<b>PASS</b>	10°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0123	<b>PASS</b>	20°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0135	<b>PASS</b>	30°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0211	<b>PASS</b>	40°C
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	0.0122	<b>PASS</b>	50°C

## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
7	15	20	526000	2510.0	DFT-s-OFDM PI/2 BPSK	100@0	4.04	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM PI/2 BPSK	1@0	3.8	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	100@0	5.46	13	PASS
7	15	20	526000	2510.0	DFT-s-OFDM QPSK	1@0	5.86	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	4.15	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	1@0	3.79	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	5.4	13	PASS
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	1@0	5.79	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	100@0	4.6	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM PI/2 BPSK	1@0	3.89	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	100@0	5.84	13	PASS
7	15	20	536000	2560.0	DFT-s-OFDM QPSK	1@0	6.01	13	PASS

B2\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



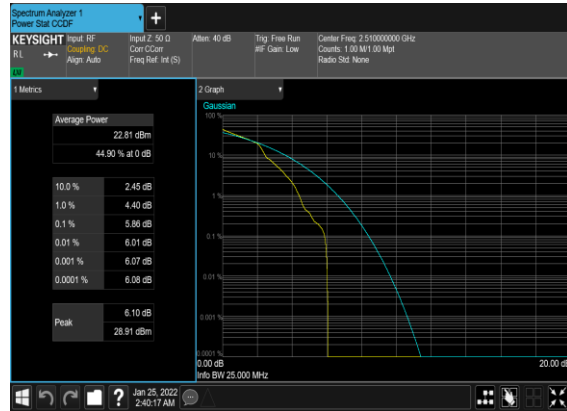
B2\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



B2\_N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



B2\_N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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



B2\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



B2\_N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



B2\_N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



B2\_N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



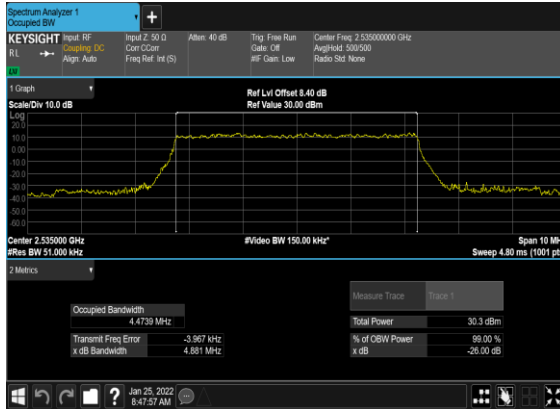


## Occupied Bandwidth

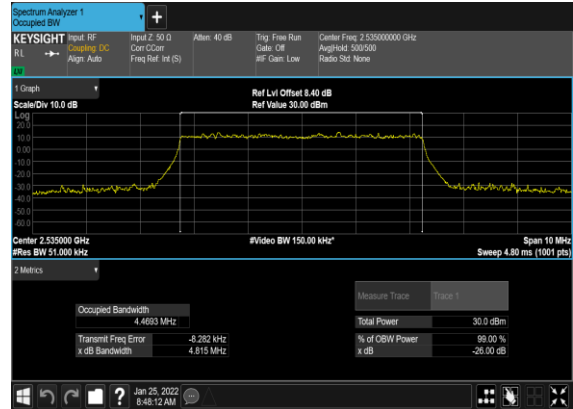
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
7	15	5	531000	2535.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4739	4.881
7	15	5	531000	2535.0	DFT-s-OFDM QPSK	25@0	4.4693	4.815
7	15	5	531000	2535.0	CP-OFDM QPSK	25@0	4.4743	4.956
7	15	5	531000	2535.0	CP-OFDM 16 QAM	25@0	4.4888	4.949
7	15	5	531000	2535.0	CP-OFDM 64 QAM	25@0	4.4834	4.937
7	15	5	531000	2535.0	CP-OFDM 256 QAM	25@0	4.4649	4.915
7	15	10	531000	2535.0	DFT-s-OFDM PI/2 BPSK	50@0	8.8982	9.485
7	15	10	531000	2535.0	DFT-s-OFDM QPSK	50@0	8.9072	9.541
7	15	10	531000	2535.0	CP-OFDM QPSK	52@0	9.2782	9.913
7	15	10	531000	2535.0	CP-OFDM 16 QAM	52@0	9.2665	9.871
7	15	10	531000	2535.0	CP-OFDM 64 QAM	52@0	9.2728	9.881
7	15	10	531000	2535.0	CP-OFDM 256 QAM	52@0	9.2896	9.965
7	15	15	531000	2535.0	DFT-s-OFDM PI/2 BPSK	75@0	13.39	14.09
7	15	15	531000	2535.0	DFT-s-OFDM QPSK	75@0	13.376	14.11
7	15	15	531000	2535.0	CP-OFDM QPSK	79@0	14.083	14.82
7	15	15	531000	2535.0	CP-OFDM 16 QAM	79@0	14.106	14.87
7	15	15	531000	2535.0	CP-OFDM 64 QAM	79@0	14.101	14.81
7	15	15	531000	2535.0	CP-OFDM 256 QAM	79@0	14.11	14.79
7	15	20	531000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	17.857	18.67
7	15	20	531000	2535.0	DFT-s-OFDM QPSK	100@0	17.847	18.71
7	15	20	531000	2535.0	CP-OFDM QPSK	106@0	18.919	19.81
7	15	20	531000	2535.0	CP-OFDM 16 QAM	106@0	18.94	19.83

7	15	20	531000	2535.0	CP-OFDM 64 QAM	106@0	18.905	19.81
7	15	20	531000	2535.0	CP-OFDM 256 QAM	106@0	18.982	19.8
7	15	25	531000	2535.0	DFT-s- OFDM PI/2 BPSK	128@0	22.842	23.81
7	15	25	531000	2535.0	DFT-s- OFDM QPSK	128@0	22.883	23.76
7	15	25	531000	2535.0	CP-OFDM QPSK	133@0	23.699	24.7
7	15	25	531000	2535.0	CP-OFDM 16 QAM	133@0	23.717	24.65
7	15	25	531000	2535.0	CP-OFDM 64 QAM	133@0	23.7	24.67
7	15	25	531000	2535.0	CP-OFDM 256 QAM	133@0	23.749	24.66
7	15	30	531000	2535.0	DFT-s- OFDM PI/2 BPSK	160@0	28.532	29.55
7	15	30	531000	2535.0	DFT-s- OFDM QPSK	160@0	28.542	29.7
7	15	30	531000	2535.0	CP-OFDM QPSK	160@0	28.529	29.62
7	15	30	531000	2535.0	CP-OFDM 16 QAM	160@0	28.61	29.67
7	15	30	531000	2535.0	CP-OFDM 64 QAM	160@0	28.494	29.69
7	15	30	531000	2535.0	CP-OFDM 256 QAM	160@0	28.601	29.74
7	15	40	531000	2535.0	DFT-s- OFDM PI/2 BPSK	216@0	38.574	40.0
7	15	40	531000	2535.0	DFT-s- OFDM QPSK	216@0	38.633	39.98
7	15	40	531000	2535.0	CP-OFDM QPSK	216@0	38.509	39.85
7	15	40	531000	2535.0	CP-OFDM 16 QAM	216@0	38.485	39.88
7	15	40	531000	2535.0	CP-OFDM 64 QAM	216@0	38.555	39.97
7	15	40	531000	2535.0	CP-OFDM 256 QAM	216@0	38.521	39.89

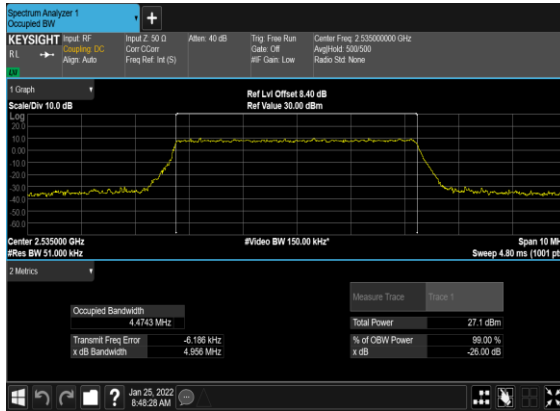
### B2\_N7(5M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### B2\_N7(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



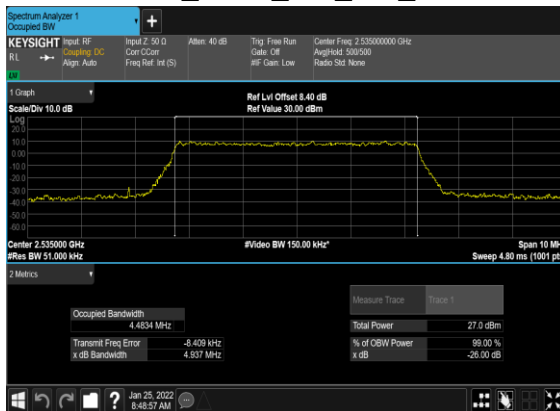
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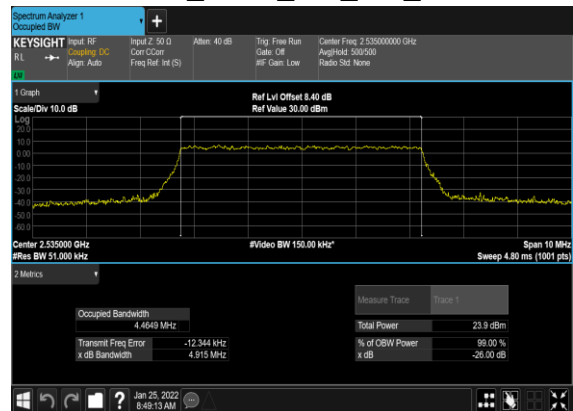
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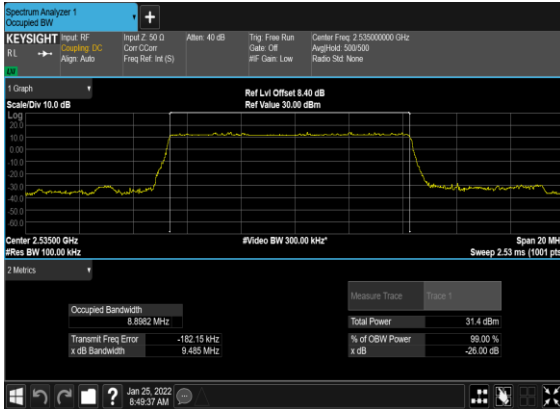
### B2\_N7(5M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



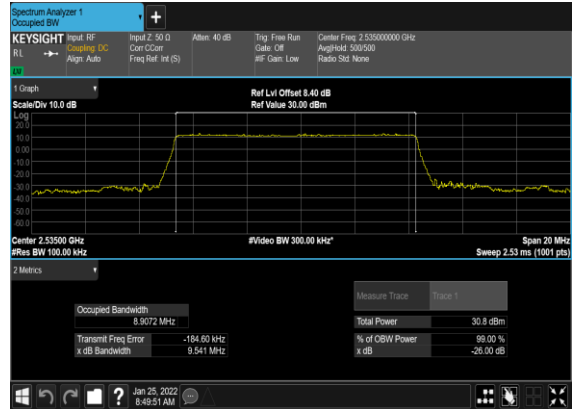
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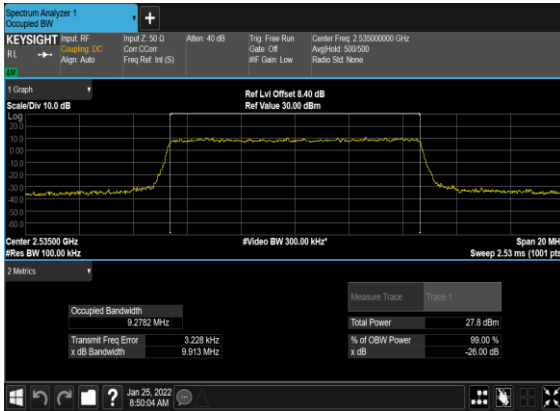
### B2\_N7(10M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### B2\_N7(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



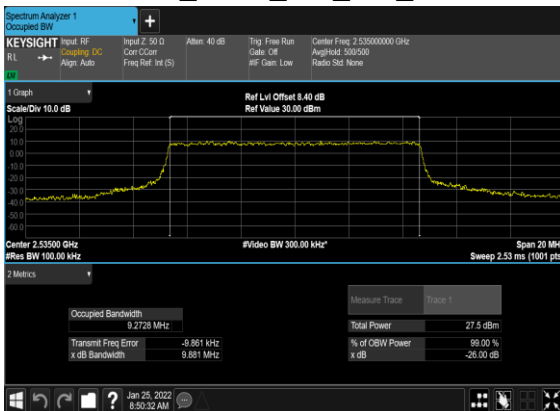
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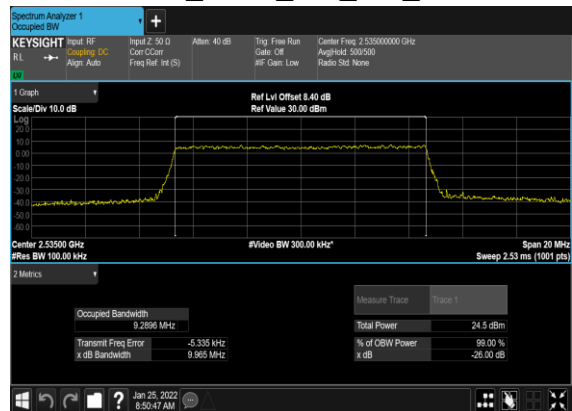
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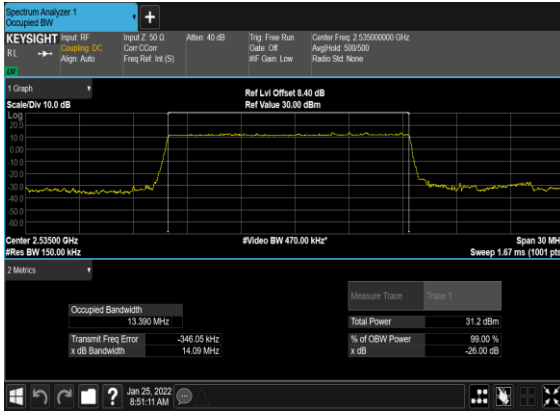
### B2\_N7(10M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



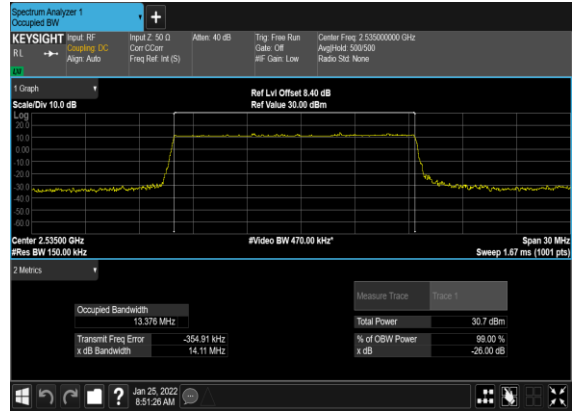
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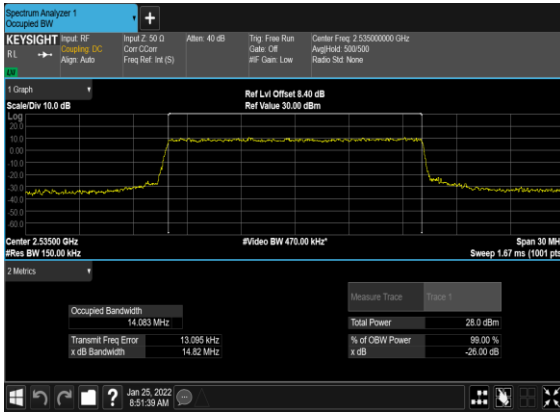
### B2\_N7(15M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### B2\_N7(15M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



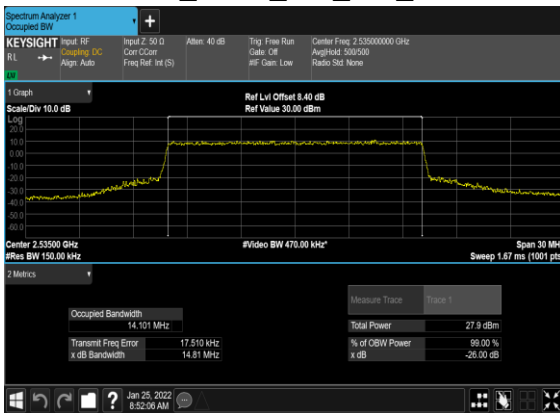
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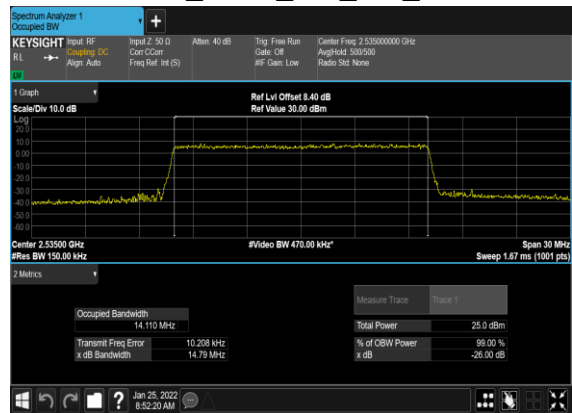
### B2\_N7(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



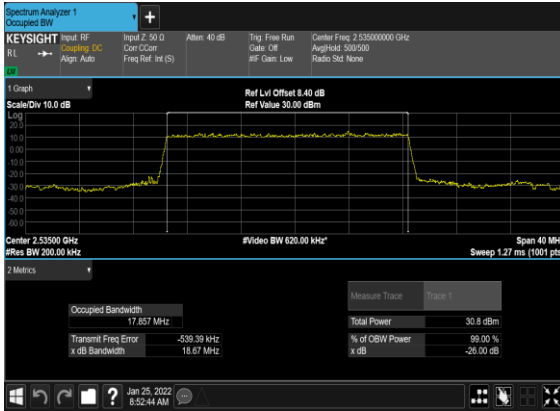
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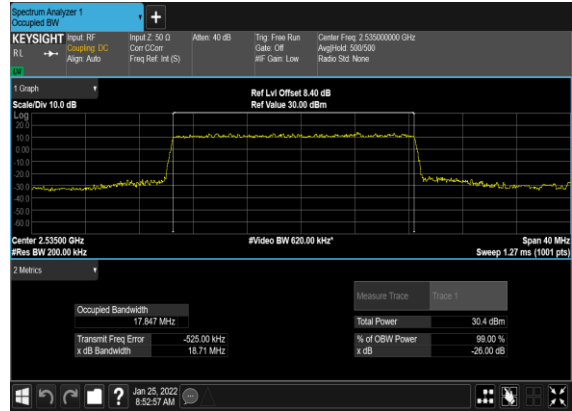
### B2\_N7(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



### B2\_N7(20M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### B2\_N7(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



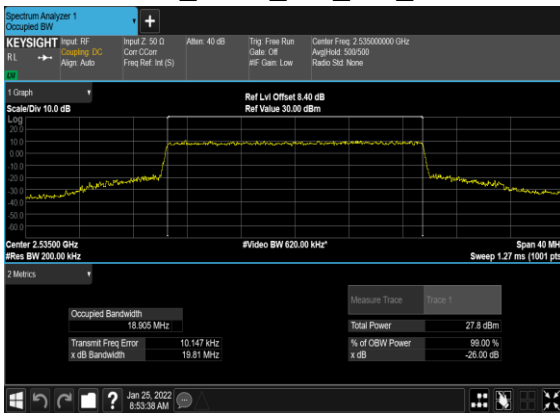
### B2\_N7(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### B2\_N7(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### B2\_N7(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### B2\_N7(20M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

