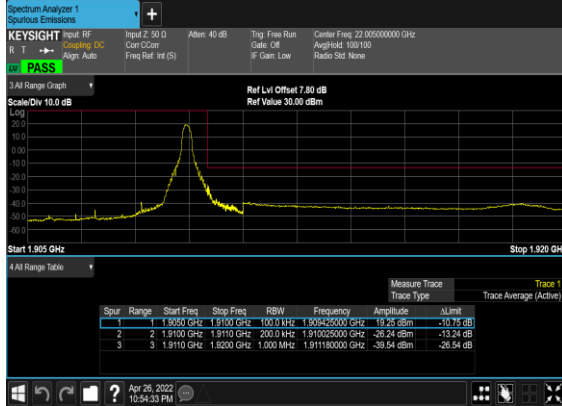
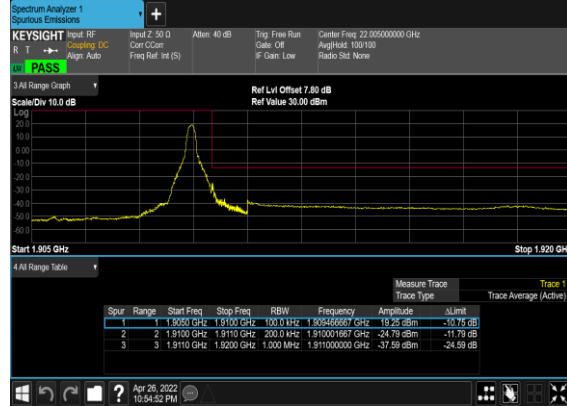


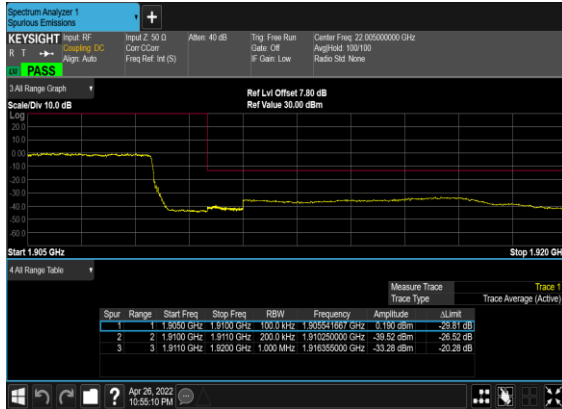
N2(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



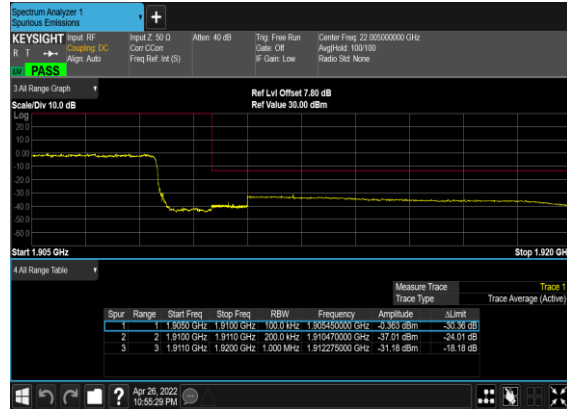
N2(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



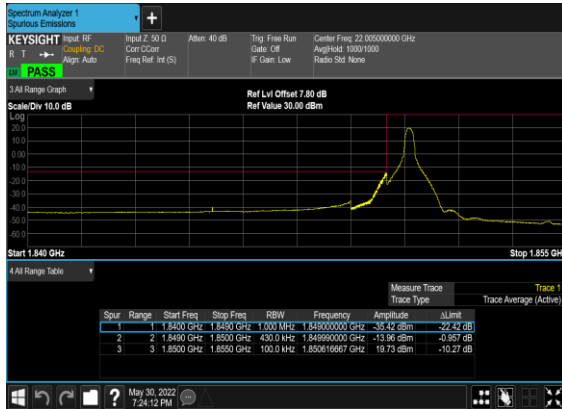
N2(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N2(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



N2(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



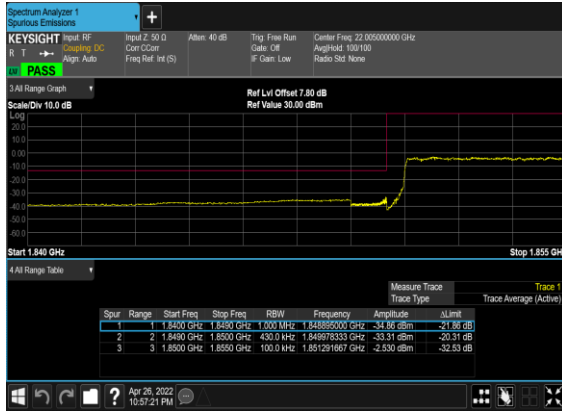
N2(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



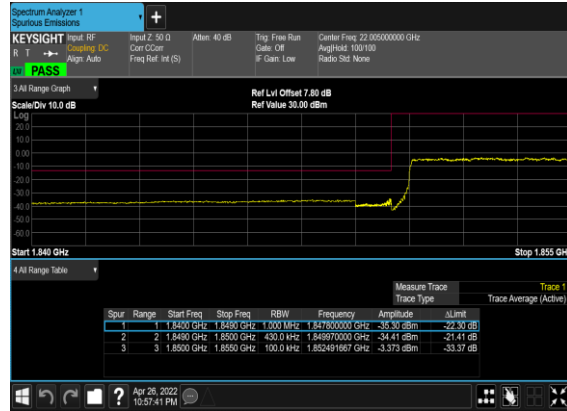
## N2(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



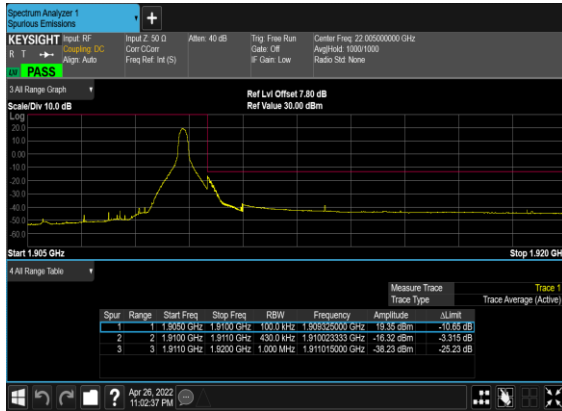
## N2(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



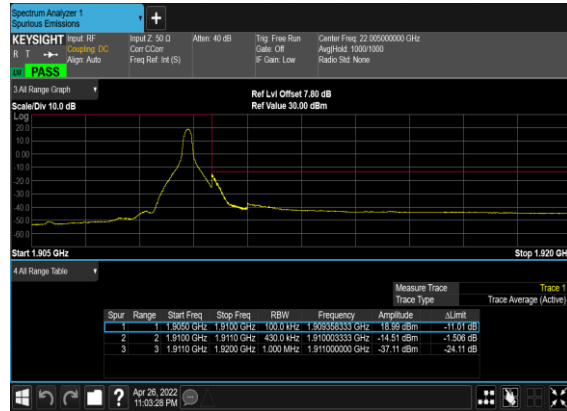
## N2(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



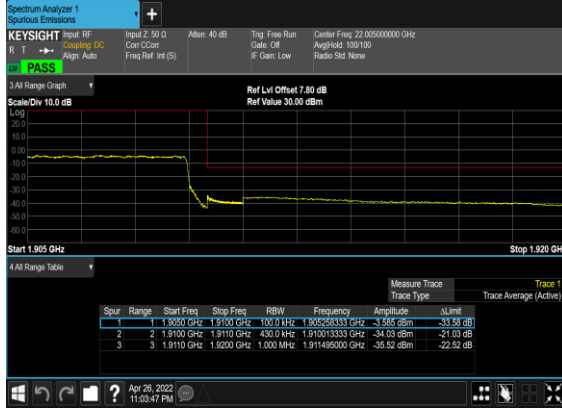
## N2(40M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



## N2(40M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N2(40M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### N2(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N5 (ANT1)

## Transmitter Conducted Output Power And ERP, ( $G_T - L_C$ )= -7.2dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	12@6	23.18	13.83	0.0242
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	1@1	23.28	13.93	0.0247
5	15	5	174300	826.5	DFT-s-OFDM PI/2 BPSK	1@23	23.34	13.99	0.0251
5	15	5	174300	826.5	DFT-s-OFDM QPSK	12@6	23.35	14	0.0251
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@1	23.24	13.89	0.0245
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@23	23.3	13.95	0.0248
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	12@6	22.31	12.96	0.0198
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	1@1	21.82	12.47	0.0177
5	15	5	174300	826.5	DFT-s-OFDM 16 QAM	1@23	21.87	12.52	0.0179
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	12@6	20.86	11.51	0.0142
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	1@1	21.04	11.69	0.0148
5	15	5	174300	826.5	DFT-s-OFDM 64 QAM	1@23	21.09	11.74	0.0149
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	12@6	19	9.65	0.0092
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	1@1	18.71	9.36	0.0086
5	15	5	174300	826.5	DFT-s-OFDM 256 QAM	1@23	18.75	9.4	0.0087
5	15	5	174300	826.5	CP-OFDM QPSK	13@6	21.82	12.47	0.0177
5	15	5	174300	826.5	CP-OFDM QPSK	1@1	21.75	12.4	0.0174
5	15	5	174300	826.5	CP-OFDM QPSK	1@23	21.95	12.6	0.0182
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	12@6	23.25	13.9	0.0245
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.34	13.99	0.0251
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@23	23.43	14.08	0.0256
5	15	5	176300	836.5	DFT-s-OFDM QPSK	12@6	23.45	14.1	0.0257
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@1	23.4	14.05	0.0254
5	15	5	176300	836.5	DFT-s-OFDM QPSK	1@23	23.41	14.06	0.0255
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	12@6	22.38	13.03	0.0201
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	1@1	21.96	12.61	0.0182
5	15	5	176300	836.5	DFT-s-OFDM 16 QAM	1@23	21.97	12.62	0.0183
5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	12@6	20.96	11.61	0.0145
5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.18	11.83	0.0152

5	15	5	176300	836.5	DFT-s-OFDM 64 QAM	1@23	21.17	11.82	0.0152
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	12@6	19.02	9.67	0.0093
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.99	9.64	0.0092
5	15	5	176300	836.5	DFT-s-OFDM 256 QAM	1@23	19.05	9.7	0.0093
5	15	5	176300	836.5	CP-OFDM QPSK	13@6	21.88	12.53	0.0179
5	15	5	176300	836.5	CP-OFDM QPSK	1@1	21.9	12.55	0.0180
5	15	5	176300	836.5	CP-OFDM QPSK	1@23	21.88	12.53	0.0179
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	12@6	23.36	14.01	0.0252
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	1@1	23.55	14.2	0.0263
5	15	5	178300	846.5	DFT-s-OFDM PI/2 BPSK	1@23	23.57	14.22	0.0264
5	15	5	178300	846.5	DFT-s-OFDM QPSK	12@6	22.69	13.34	0.0216
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@1	23.48	14.13	0.0259
5	15	5	178300	846.5	DFT-s-OFDM QPSK	1@23	23.64	14.29	0.0269
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	12@6	22.61	13.26	0.0212
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	1@1	22.09	12.74	0.0188
5	15	5	178300	846.5	DFT-s-OFDM 16 QAM	1@23	22.17	12.82	0.0191
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	12@6	21.17	11.82	0.0152
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	1@1	21.29	11.94	0.0156
5	15	5	178300	846.5	DFT-s-OFDM 64 QAM	1@23	21.37	12.02	0.0159
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	12@6	19.24	9.89	0.0097
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	1@1	18.98	9.63	0.0092
5	15	5	178300	846.5	DFT-s-OFDM 256 QAM	1@23	19.05	9.7	0.0093
5	15	5	178300	846.5	CP-OFDM QPSK	13@6	22.06	12.71	0.0187
5	15	5	178300	846.5	CP-OFDM QPSK	1@1	21.99	12.64	0.0184
5	15	5	178300	846.5	CP-OFDM QPSK	1@23	22.41	13.06	0.0202
5	15	10	174800	829	DFT-s-OFDM PI/2 BPSK	25@12	23.28	13.93	0.0247
5	15	10	174800	829	DFT-s-OFDM PI/2 BPSK	1@1	23.28	13.93	0.0247
5	15	10	174800	829	DFT-s-OFDM PI/2 BPSK	1@50	23.36	14.01	0.0252
5	15	10	174800	829	DFT-s-OFDM QPSK	25@12	23.34	13.99	0.0251
5	15	10	174800	829	DFT-s-OFDM QPSK	1@1	23.2	13.85	0.0243
5	15	10	174800	829	DFT-s-OFDM QPSK	1@50	23.37	14.02	0.0252
5	15	10	174800	829	DFT-s-OFDM 16 QAM	25@12	22.27	12.92	0.0196
5	15	10	174800	829	DFT-s-OFDM 16 QAM	1@1	21.81	12.46	0.0176
5	15	10	174800	829	DFT-s-OFDM 16 QAM	1@50	21.89	12.54	0.0179
5	15	10	174800	829	DFT-s-OFDM 64 QAM	25@12	20.84	11.49	0.0141
5	15	10	174800	829	DFT-s-OFDM 64 QAM	1@1	21.03	11.68	0.0147

5	15	10	174800	829	DFT-s-OFDM 64 QAM	1@50	21.1	11.75	0.0150
5	15	10	174800	829	DFT-s-OFDM 256 QAM	25@12	19.08	9.73	0.0094
5	15	10	174800	829	DFT-s-OFDM 256 QAM	1@1	18.74	9.39	0.0087
5	15	10	174800	829	DFT-s-OFDM 256 QAM	1@50	18.84	9.49	0.0089
5	15	10	174800	829	CP-OFDM QPSK	26@13	21.85	12.5	0.0178
5	15	10	174800	829	CP-OFDM QPSK	1@1	21.71	12.36	0.0172
5	15	10	174800	829	CP-OFDM QPSK	1@50	22.07	12.72	0.0187
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	25@12	23.22	13.87	0.0244
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.36	14.01	0.0252
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@50	23.46	14.11	0.0258
5	15	10	176300	836.5	DFT-s-OFDM QPSK	25@12	23.42	14.07	0.0255
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@1	23.4	14.05	0.0254
5	15	10	176300	836.5	DFT-s-OFDM QPSK	1@50	23.51	14.16	0.0261
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	25@12	22.38	13.03	0.0201
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	1@1	21.96	12.61	0.0182
5	15	10	176300	836.5	DFT-s-OFDM 16 QAM	1@50	22.09	12.74	0.0188
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	25@12	20.95	11.6	0.0145
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.17	11.82	0.0152
5	15	10	176300	836.5	DFT-s-OFDM 64 QAM	1@50	21.23	11.88	0.0154
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	25@12	19.13	9.78	0.0095
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.81	9.46	0.0088
5	15	10	176300	836.5	DFT-s-OFDM 256 QAM	1@50	18.9	9.55	0.0090
5	15	10	176300	836.5	CP-OFDM QPSK	26@13	21.92	12.57	0.0181
5	15	10	176300	836.5	CP-OFDM QPSK	1@1	22.08	12.73	0.0187
5	15	10	176300	836.5	CP-OFDM QPSK	1@50	22.23	12.88	0.0194
5	15	10	177800	844	DFT-s-OFDM PI/2 BPSK	25@12	23.25	13.9	0.0245
5	15	10	177800	844	DFT-s-OFDM PI/2 BPSK	1@1	23.47	14.12	0.0258
5	15	10	177800	844	DFT-s-OFDM PI/2 BPSK	1@50	23.61	14.26	0.0267
5	15	10	177800	844	DFT-s-OFDM QPSK	25@12	23.54	14.19	0.0262
5	15	10	177800	844	DFT-s-OFDM QPSK	1@1	23.4	14.05	0.0254
5	15	10	177800	844	DFT-s-OFDM QPSK	1@50	23.71	14.36	0.0273
5	15	10	177800	844	DFT-s-OFDM 16 QAM	25@12	22.49	13.14	0.0206
5	15	10	177800	844	DFT-s-OFDM 16 QAM	1@1	21.97	12.62	0.0183
5	15	10	177800	844	DFT-s-OFDM 16 QAM	1@50	22.24	12.89	0.0195
5	15	10	177800	844	DFT-s-OFDM 64 QAM	25@12	21.04	11.69	0.0148
5	15	10	177800	844	DFT-s-OFDM 64 QAM	1@1	21.13	11.78	0.0151

5	15	10	177800	844	DFT-s-OFDM 64 QAM	1@50	21.45	12.1	0.0162
5	15	10	177800	844	DFT-s-OFDM 256 QAM	25@12	19.29	9.94	0.0099
5	15	10	177800	844	DFT-s-OFDM 256 QAM	1@1	18.85	9.5	0.0089
5	15	10	177800	844	DFT-s-OFDM 256 QAM	1@50	19.04	9.69	0.0093
5	15	10	177800	844	CP-OFDM QPSK	26@13	22.02	12.67	0.0185
5	15	10	177800	844	CP-OFDM QPSK	1@1	22.18	12.83	0.0192
5	15	10	177800	844	CP-OFDM QPSK	1@50	22.44	13.09	0.0204
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	36@18	23.25	13.9	0.0245
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	1@1	23.35	14	0.0251
5	15	15	175300	831.5	DFT-s-OFDM PI/2 BPSK	1@77	23.41	14.06	0.0255
5	15	15	175300	831.5	DFT-s-OFDM QPSK	36@18	23.42	14.07	0.0255
5	15	15	175300	831.5	DFT-s-OFDM QPSK	1@1	23.3	13.95	0.0248
5	15	15	175300	831.5	DFT-s-OFDM QPSK	1@77	23.42	14.07	0.0255
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	36@18	22.42	13.07	0.0203
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	1@1	21.87	12.52	0.0179
5	15	15	175300	831.5	DFT-s-OFDM 16 QAM	1@77	21.95	12.6	0.0182
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	36@18	20.89	11.54	0.0143
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	1@1	21.05	11.7	0.0148
5	15	15	175300	831.5	DFT-s-OFDM 64 QAM	1@77	21.16	11.81	0.0152
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	36@18	19.06	9.71	0.0094
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	1@1	18.78	9.43	0.0088
5	15	15	175300	831.5	DFT-s-OFDM 256 QAM	1@77	18.91	9.56	0.0090
5	15	15	175300	831.5	CP-OFDM QPSK	39@19	21.88	12.53	0.0179
5	15	15	175300	831.5	CP-OFDM QPSK	1@1	22.03	12.68	0.0185
5	15	15	175300	831.5	CP-OFDM QPSK	1@77	22.03	12.68	0.0185
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	36@18	23.35	14	0.0251
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.42	14.07	0.0255
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@77	23.57	14.22	0.0264
5	15	15	176300	836.5	DFT-s-OFDM QPSK	36@18	23.51	14.16	0.0261
5	15	15	176300	836.5	DFT-s-OFDM QPSK	1@1	23.37	14.02	0.0252
5	15	15	176300	836.5	DFT-s-OFDM QPSK	1@77	23.56	14.21	0.0264
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	36@18	22.51	13.16	0.0207
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	1@1	21.98	12.63	0.0183
5	15	15	176300	836.5	DFT-s-OFDM 16 QAM	1@77	22.15	12.8	0.0191
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	36@18	20.99	11.64	0.0146
5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.11	11.76	0.0150

5	15	15	176300	836.5	DFT-s-OFDM 64 QAM	1@77	21.34	11.99	0.0158
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	36@18	19.11	9.76	0.0095
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.73	9.38	0.0087
5	15	15	176300	836.5	DFT-s-OFDM 256 QAM	1@77	18.96	9.61	0.0091
5	15	15	176300	836.5	CP-OFDM QPSK	39@19	21.94	12.59	0.0182
5	15	15	176300	836.5	CP-OFDM QPSK	1@1	22.06	12.71	0.0187
5	15	15	176300	836.5	CP-OFDM QPSK	1@77	22.17	12.82	0.0191
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	36@18	23.22	13.87	0.0244
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	1@1	23.45	14.1	0.0257
5	15	15	177300	841.5	DFT-s-OFDM PI/2 BPSK	1@77	23.61	14.26	0.0267
5	15	15	177300	841.5	DFT-s-OFDM QPSK	36@18	23.57	14.22	0.0264
5	15	15	177300	841.5	DFT-s-OFDM QPSK	1@1	23.45	14.1	0.0257
5	15	15	177300	841.5	DFT-s-OFDM QPSK	1@77	23.74	14.39	0.0275
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	36@18	22.53	13.18	0.0208
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	1@1	21.93	12.58	0.0181
5	15	15	177300	841.5	DFT-s-OFDM 16 QAM	1@77	22.21	12.86	0.0193
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	36@18	21.04	11.69	0.0148
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	1@1	21.13	11.78	0.0151
5	15	15	177300	841.5	DFT-s-OFDM 64 QAM	1@77	21.39	12.04	0.0160
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	36@18	19.2	9.85	0.0097
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	1@1	18.83	9.48	0.0089
5	15	15	177300	841.5	DFT-s-OFDM 256 QAM	1@77	19.11	9.76	0.0095
5	15	15	177300	841.5	CP-OFDM QPSK	39@19	21.98	12.63	0.0183
5	15	15	177300	841.5	CP-OFDM QPSK	1@1	21.75	12.4	0.0174
5	15	15	177300	841.5	CP-OFDM QPSK	1@77	22.35	13	0.0200
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	50@25	23.22	13.87	0.0244
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	1@1	23.34	13.99	0.0251
5	15	20	175800	834	DFT-s-OFDM PI/2 BPSK	1@104	23.57	14.22	0.0264
5	15	20	175800	834	DFT-s-OFDM QPSK	50@25	23.48	14.13	0.0259
5	15	20	175800	834	DFT-s-OFDM QPSK	1@1	23.33	13.98	0.0250
5	15	20	175800	834	DFT-s-OFDM QPSK	1@104	23.56	14.21	0.0264
5	15	20	175800	834	DFT-s-OFDM 16 QAM	50@25	22.47	13.12	0.0205
5	15	20	175800	834	DFT-s-OFDM 16 QAM	1@1	21.93	12.58	0.0181
5	15	20	175800	834	DFT-s-OFDM 16 QAM	1@104	22.19	12.84	0.0192
5	15	20	175800	834	DFT-s-OFDM 64 QAM	50@25	20.92	11.57	0.0144
5	15	20	175800	834	DFT-s-OFDM 64 QAM	1@1	21.09	11.74	0.0149



5	15	20	175800	834	DFT-s-OFDM 64 QAM	1@104	21.33	11.98	0.0158
5	15	20	175800	834	DFT-s-OFDM 256 QAM	50@25	19.15	9.8	0.0095
5	15	20	175800	834	DFT-s-OFDM 256 QAM	1@1	18.8	9.45	0.0088
5	15	20	175800	834	DFT-s-OFDM 256 QAM	1@104	19.01	9.66	0.0092
5	15	20	175800	834	CP-OFDM QPSK	53@26	21.9	12.55	0.0180
5	15	20	175800	834	CP-OFDM QPSK	1@1	21.79	12.44	0.0175
5	15	20	175800	834	CP-OFDM QPSK	1@104	22.22	12.87	0.0194
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	50@25	23.22	13.87	0.0244
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@1	23.34	13.99	0.0251
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@104	23.59	14.24	0.0265
5	15	20	176300	836.5	DFT-s-OFDM QPSK	50@25	23.51	14.16	0.0261
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@1	23.39	14.04	0.0254
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@104	23.67	14.32	0.0270
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	50@25	22.5	13.15	0.0207
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@1	21.95	12.6	0.0182
5	15	20	176300	836.5	DFT-s-OFDM 16 QAM	1@104	22.19	12.84	0.0192
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	50@25	20.94	11.59	0.0144
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@1	21.17	11.82	0.0152
5	15	20	176300	836.5	DFT-s-OFDM 64 QAM	1@104	21.4	12.05	0.0160
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	50@25	19.19	9.84	0.0096
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@1	18.83	9.48	0.0089
5	15	20	176300	836.5	DFT-s-OFDM 256 QAM	1@104	19.13	9.78	0.0095
5	15	20	176300	836.5	CP-OFDM QPSK	53@26	21.93	12.58	0.0181
5	15	20	176300	836.5	CP-OFDM QPSK	1@1	22.09	12.74	0.0188
5	15	20	176300	836.5	CP-OFDM QPSK	1@104	22.33	12.98	0.0199
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	50@25	23.33	13.98	0.0250
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	1@1	23.38	14.03	0.0253
5	15	20	176800	839	DFT-s-OFDM PI/2 BPSK	1@104	23.65	14.3	0.0269
5	15	20	176800	839	DFT-s-OFDM QPSK	50@25	23.5	14.15	0.0260
5	15	20	176800	839	DFT-s-OFDM QPSK	1@1	23.38	14.03	0.0253
5	15	20	176800	839	DFT-s-OFDM QPSK	1@104	23.73	14.38	0.0274
5	15	20	176800	839	DFT-s-OFDM 16 QAM	50@25	22.55	13.2	0.0209
5	15	20	176800	839	DFT-s-OFDM 16 QAM	1@1	21.98	12.63	0.0183
5	15	20	176800	839	DFT-s-OFDM 16 QAM	1@104	22.27	12.92	0.0196
5	15	20	176800	839	DFT-s-OFDM 64 QAM	50@25	20.96	11.61	0.0145
5	15	20	176800	839	DFT-s-OFDM 64 QAM	1@1	21.15	11.8	0.0151

5	15	20	176800	839	DFT-s-OFDM 64 QAM	1@104	21.48	12.13	0.0163
5	15	20	176800	839	DFT-s-OFDM 256 QAM	50@25	19.23	9.88	0.0097
5	15	20	176800	839	DFT-s-OFDM 256 QAM	1@1	18.77	9.42	0.0087
5	15	20	176800	839	DFT-s-OFDM 256 QAM	1@104	19.12	9.77	0.0095
5	15	20	176800	839	CP-OFDM QPSK	53@26	22	12.65	0.0184
5	15	20	176800	839	CP-OFDM QPSK	1@1	22.09	12.74	0.0188
5	15	20	176800	839	CP-OFDM QPSK	1@104	22.5	13.15	0.0207

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00228	PASS	NV
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00477	PASS	LV
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00694	PASS	HV
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00612	PASS	-30°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00403	PASS	-20°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00324	PASS	-10°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00389	PASS	0°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00528	PASS	10°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00414	PASS	20°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00674	PASS	30°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00696	PASS	40°C
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	0.00261	PASS	50°C

## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
5	15	20	175800	834.0	DFT-s-OFDM PI/2 BPSK	100@0	4.32	13	PASS
5	15	20	175800	834.0	DFT-s-OFDM PI/2 BPSK	1@0	4.0	13	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	100@0	5.56	13	PASS
5	15	20	175800	834.0	DFT-s-OFDM QPSK	1@0	4.9	13	PASS
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	4.32	13	PASS
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	1@0	4.02	13	PASS
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	5.62	13	PASS
5	15	20	176300	836.5	DFT-s-OFDM QPSK	1@0	5.0	13	PASS
5	15	20	176800	839.0	DFT-s-OFDM PI/2 BPSK	100@0	4.39	13	PASS
5	15	20	176800	839.0	DFT-s-OFDM PI/2 BPSK	1@0	4.07	13	PASS
5	15	20	176800	839.0	DFT-s-OFDM QPSK	100@0	5.69	13	PASS
5	15	20	176800	839.0	DFT-s-OFDM QPSK	1@0	4.77	13	PASS

N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



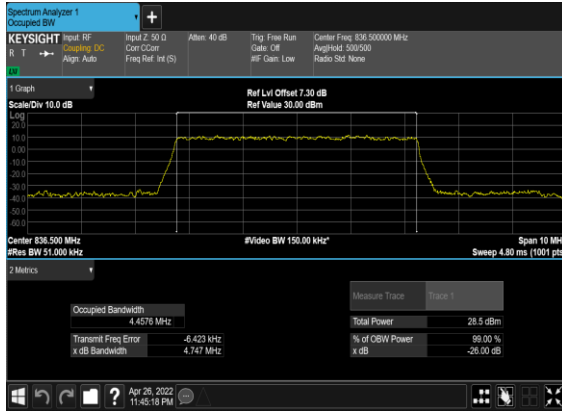
N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



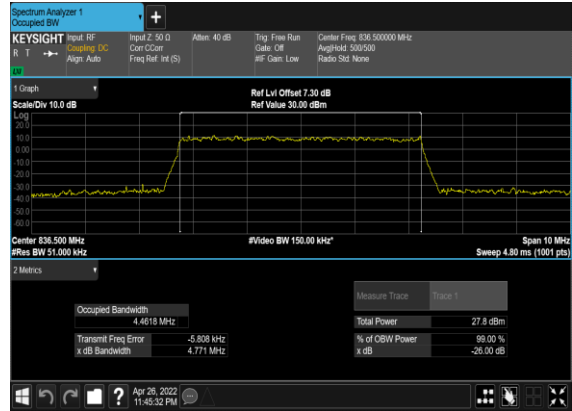
## Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
5	15	5	176300	836.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4576	4.747
5	15	5	176300	836.5	DFT-s-OFDM QPSK	25@0	4.4618	4.771
5	15	5	176300	836.5	CP-OFDM QPSK	25@0	4.4629	4.786
5	15	5	176300	836.5	CP-OFDM 16 QAM	25@0	4.4622	4.804
5	15	5	176300	836.5	CP-OFDM 64 QAM	25@0	4.4609	4.791
5	15	5	176300	836.5	CP-OFDM 256 QAM	25@0	4.4632	4.755
5	15	10	176300	836.5	DFT-s-OFDM PI/2 BPSK	50@0	8.9129	9.356
5	15	10	176300	836.5	DFT-s-OFDM QPSK	50@0	8.8927	9.321
5	15	10	176300	836.5	CP-OFDM QPSK	52@0	9.2746	9.696
5	15	10	176300	836.5	CP-OFDM 16 QAM	52@0	9.3015	9.721
5	15	10	176300	836.5	CP-OFDM 64 QAM	52@0	9.2601	9.737
5	15	10	176300	836.5	CP-OFDM 256 QAM	52@0	9.277	9.696
5	15	15	176300	836.5	DFT-s-OFDM PI/2 BPSK	75@0	13.369	13.98
5	15	15	176300	836.5	DFT-s-OFDM QPSK	75@0	13.383	14.01
5	15	15	176300	836.5	CP-OFDM QPSK	79@0	14.077	14.72
5	15	15	176300	836.5	CP-OFDM 16 QAM	79@0	14.092	14.73
5	15	15	176300	836.5	CP-OFDM 64 QAM	79@0	14.08	14.72
5	15	15	176300	836.5	CP-OFDM 256 QAM	79@0	14.101	14.71
5	15	20	176300	836.5	DFT-s-OFDM PI/2 BPSK	100@0	17.842	18.63
5	15	20	176300	836.5	DFT-s-OFDM QPSK	100@0	17.843	18.63
5	15	20	176300	836.5	CP-OFDM QPSK	106@0	18.878	19.72
5	15	20	176300	836.5	CP-OFDM 16 QAM	106@0	18.891	19.68
5	15	20	176300	836.5	CP-OFDM 64 QAM	106@0	18.885	19.74
5	15	20	176300	836.5	CP-OFDM 256 QAM	106@0	18.91	19.63

### N5(5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



### N5(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



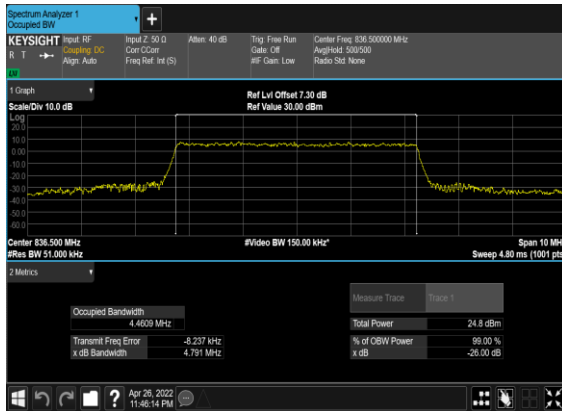
### N5(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



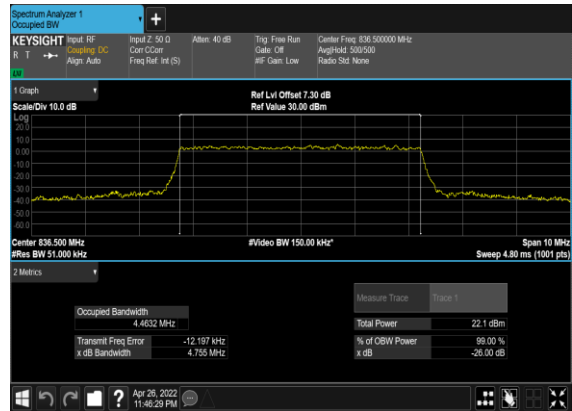
### N5(5M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N5(5M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

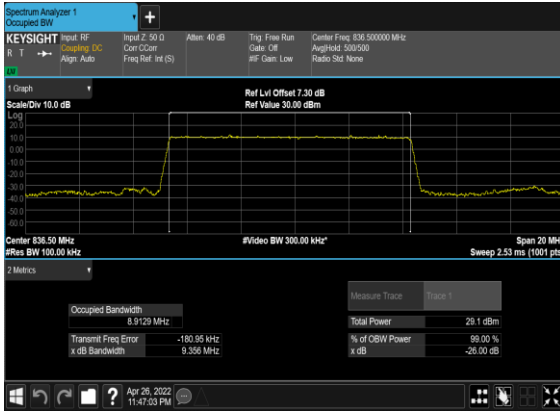


### N5(5M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH

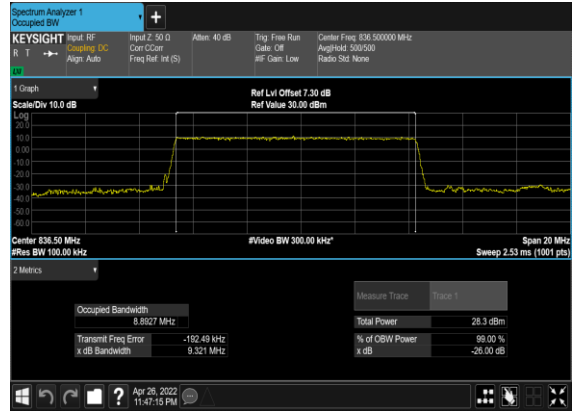




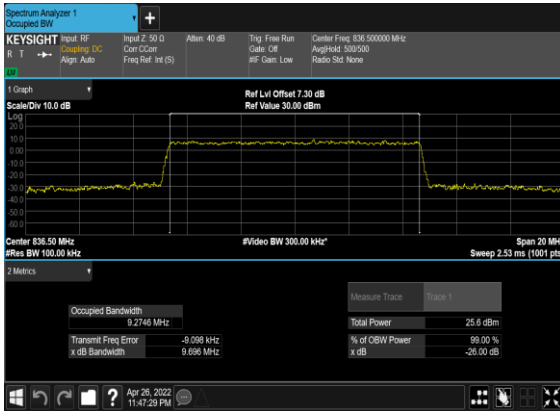
### N5(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



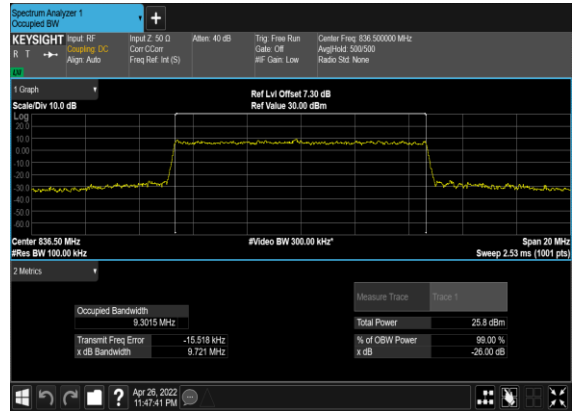
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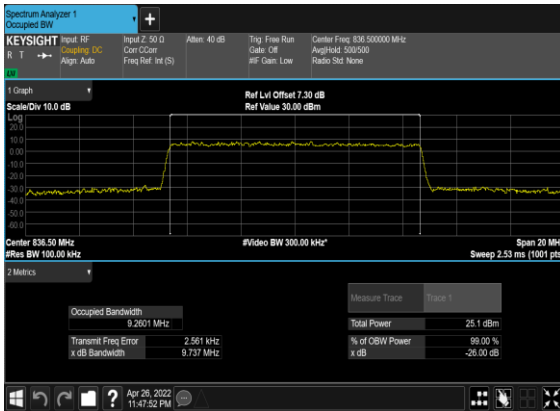
### N5(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



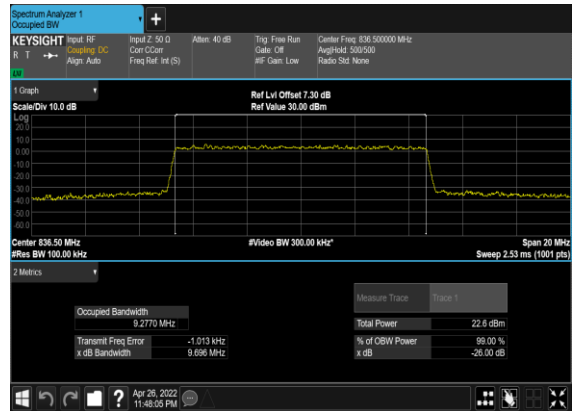
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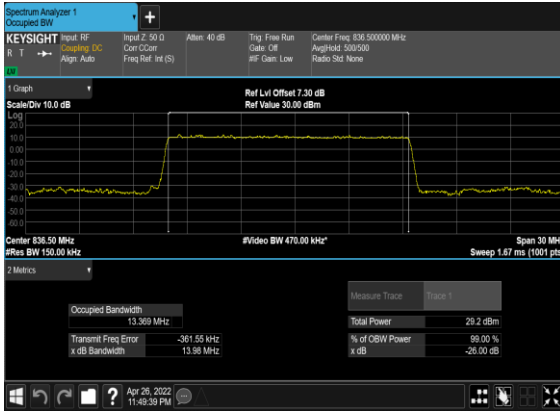
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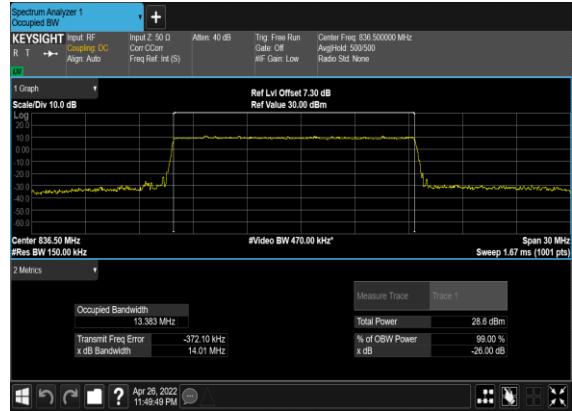
### N5(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### N5(15M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



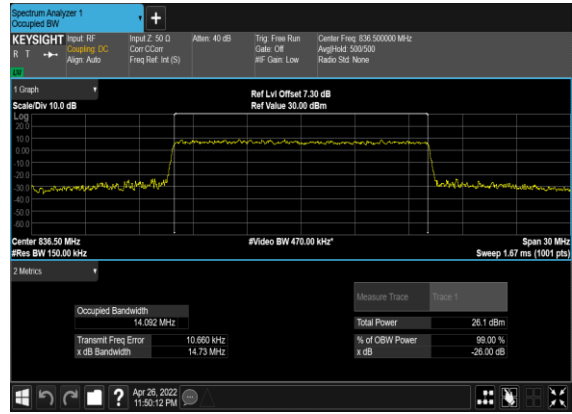
### N5(15M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



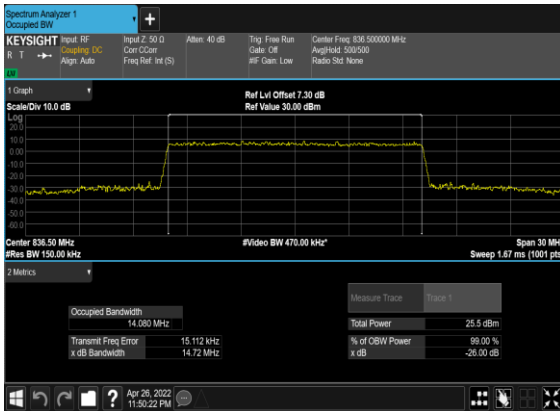
### N5(15M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



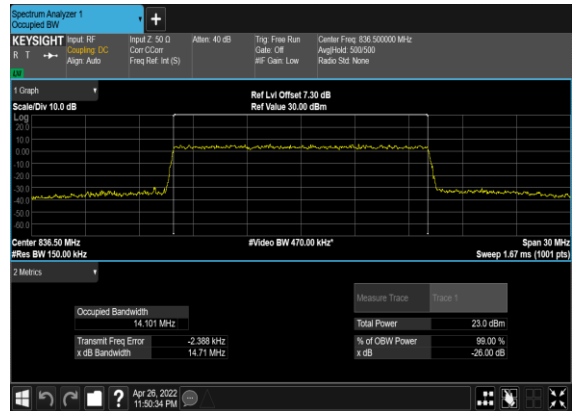
### N5(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



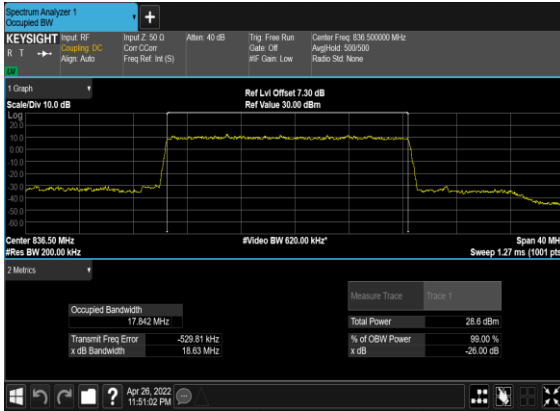
### N5(15M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



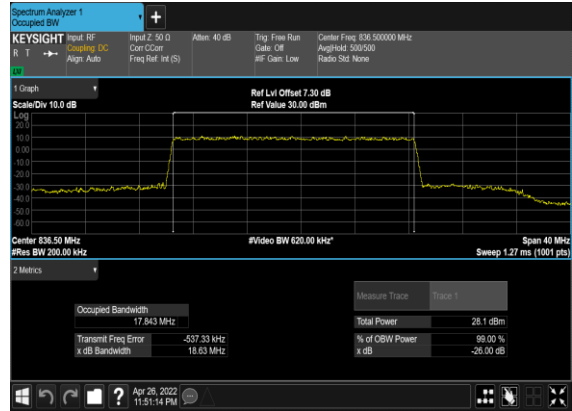
### N5(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



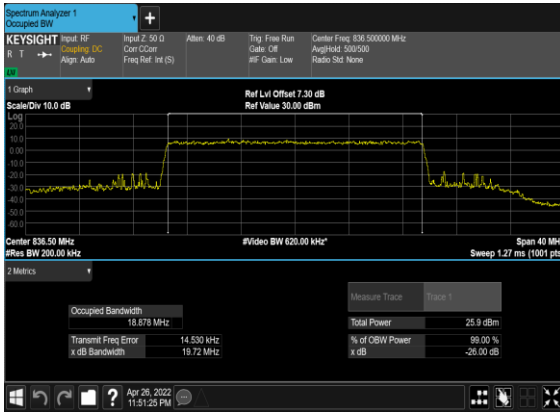
### N5(20M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



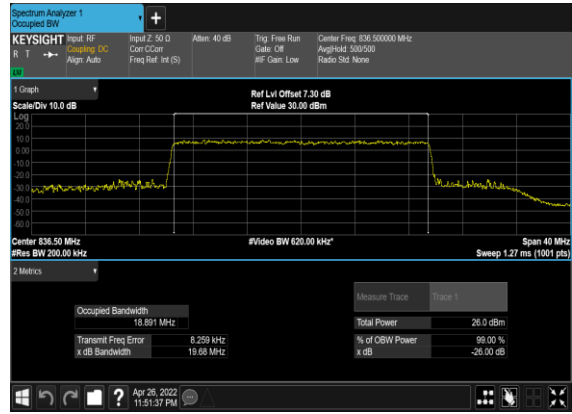
### N5(20M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



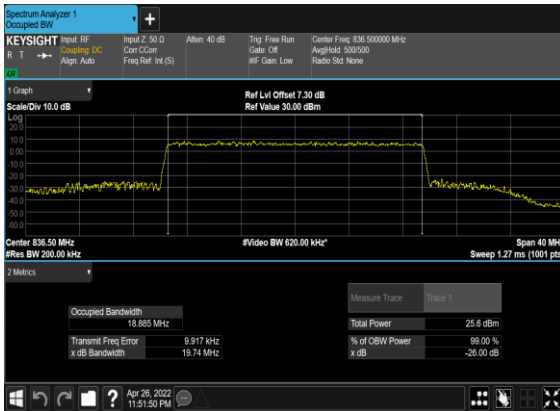
### N5(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



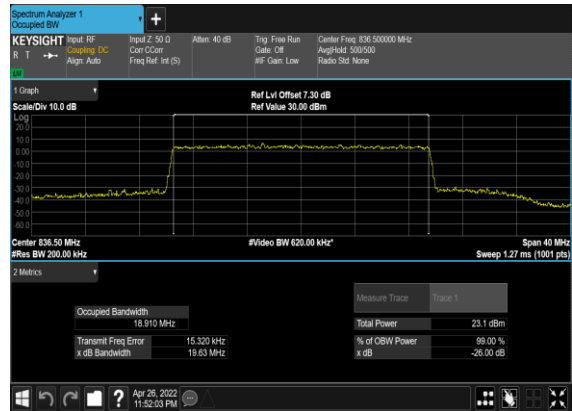
### N5(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N5(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N5(20M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

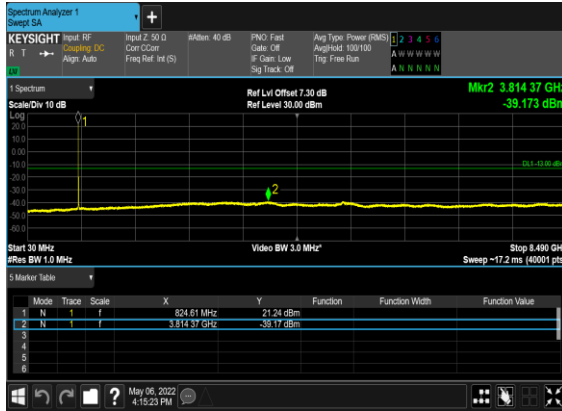


## Conducted Spurious Emissions

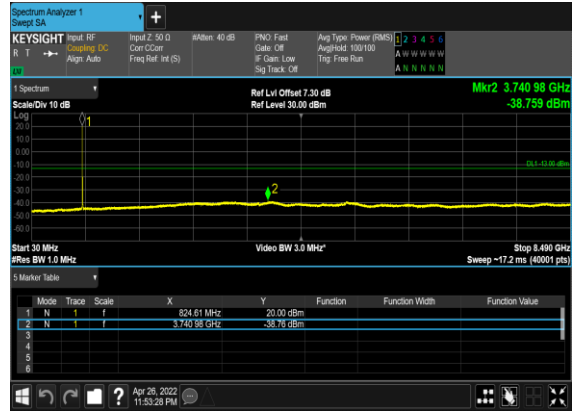
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	---
5	15	5	174300	826.5	DFT-s-OFDM BPSK	1@0	see graph	<b>PASS</b>
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	---
5	15	5	174300	826.5	DFT-s-OFDM QPSK	1@0	see graph	<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>

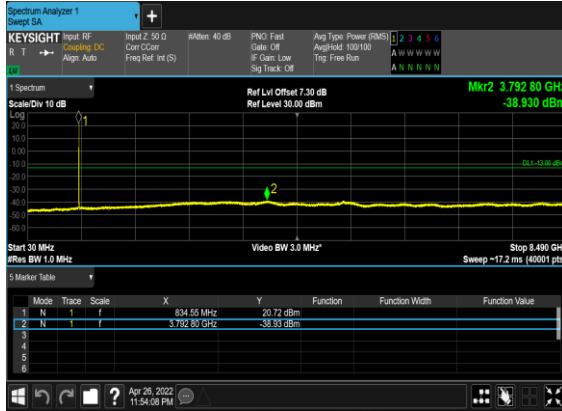
### N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



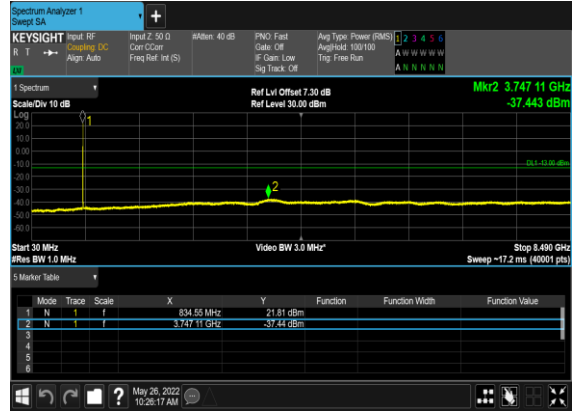
### N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



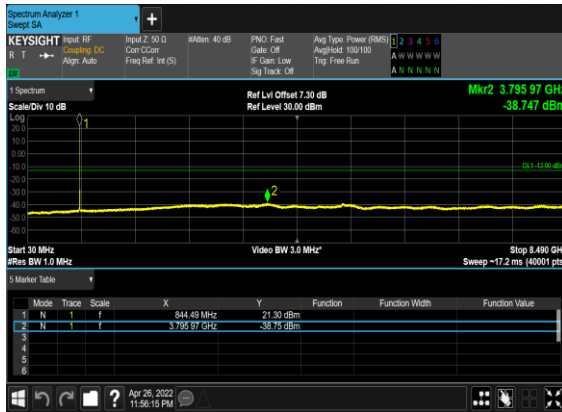
### N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N5(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



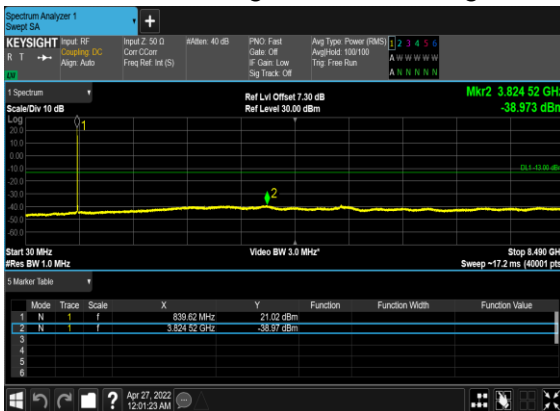
N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



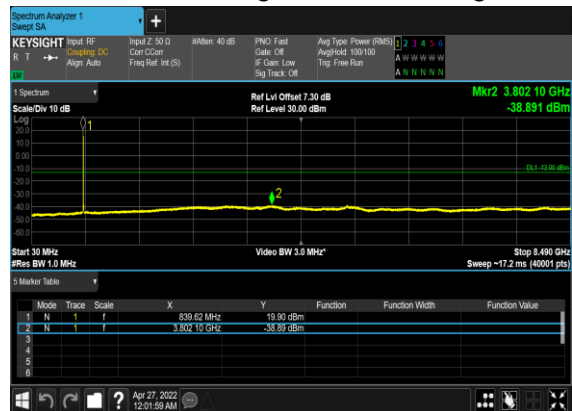
N5(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N5(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



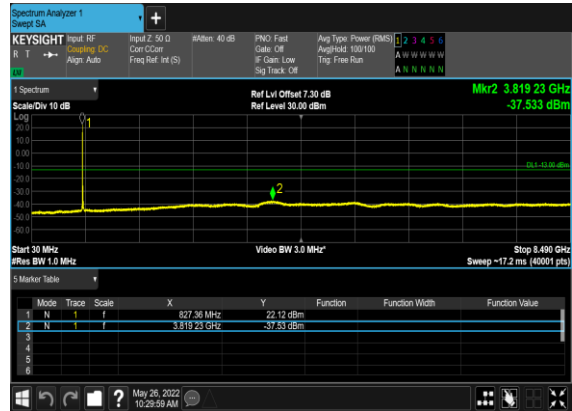
### N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



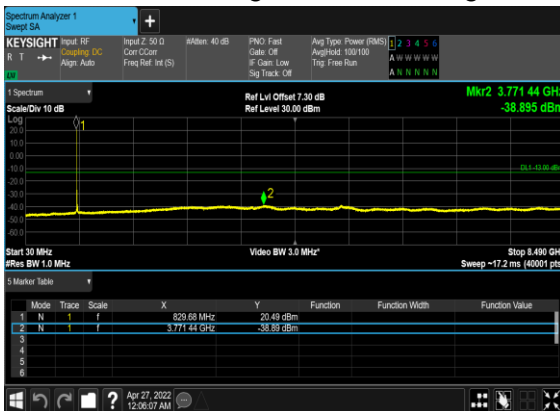
### N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



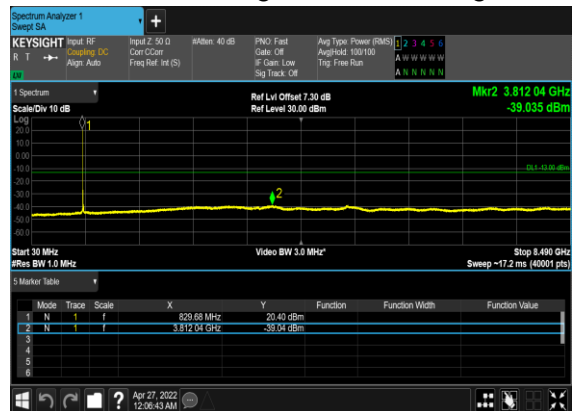
### N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

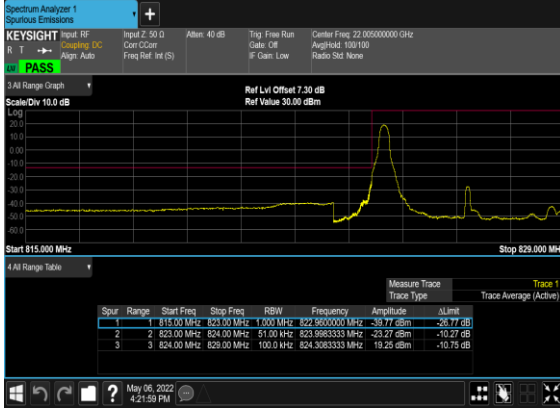




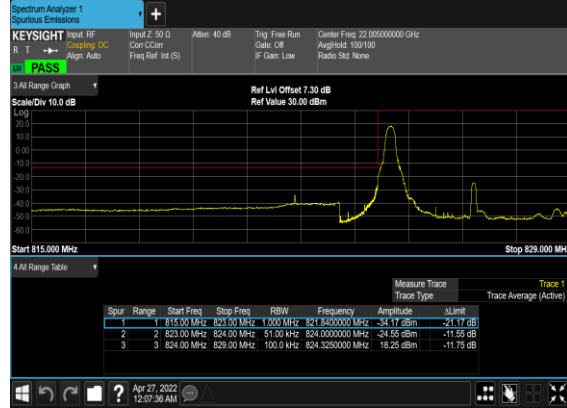
## Conducted Band Edge

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	PASS
5	15	20	176800	839.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

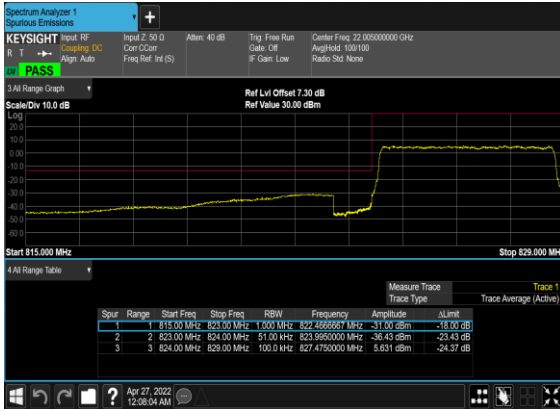
### N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



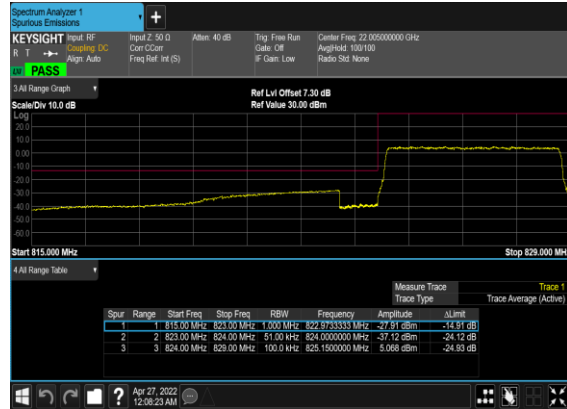
### N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



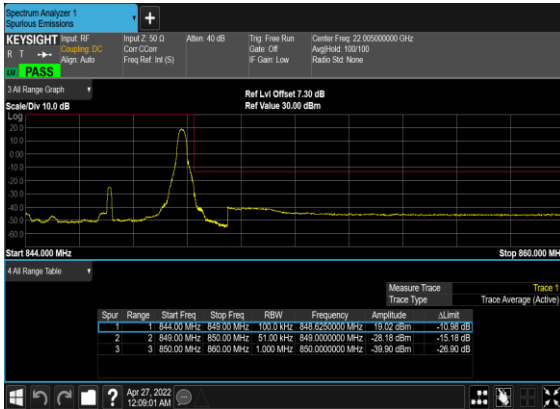
### N5(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



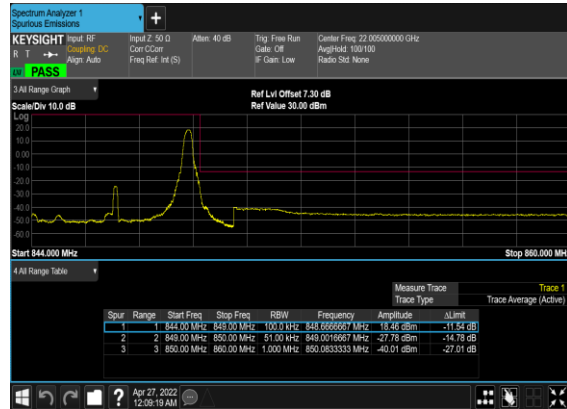
### N5(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N5(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



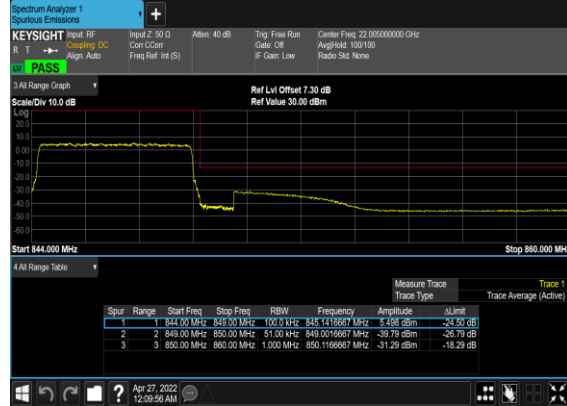
### N5(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



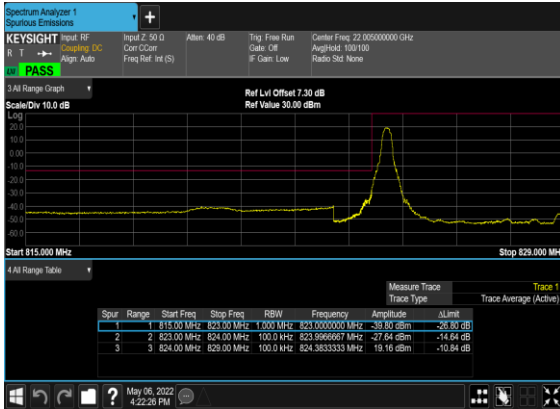
### N5(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



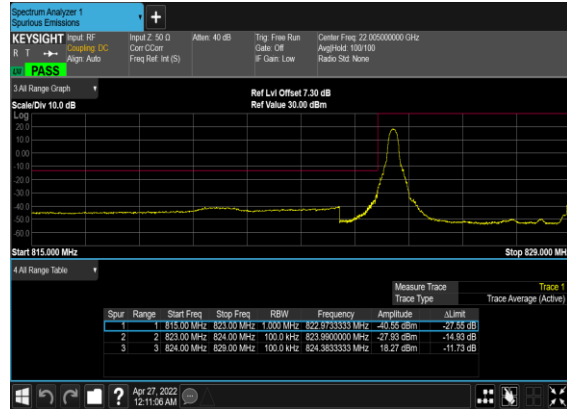
### N5(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



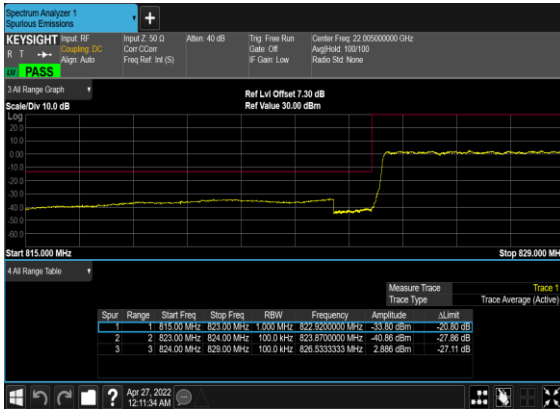
### N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



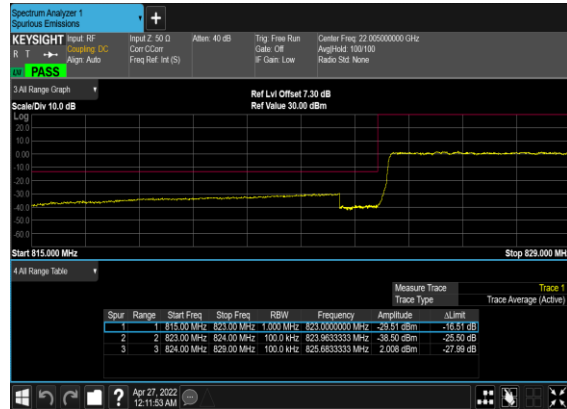
### N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



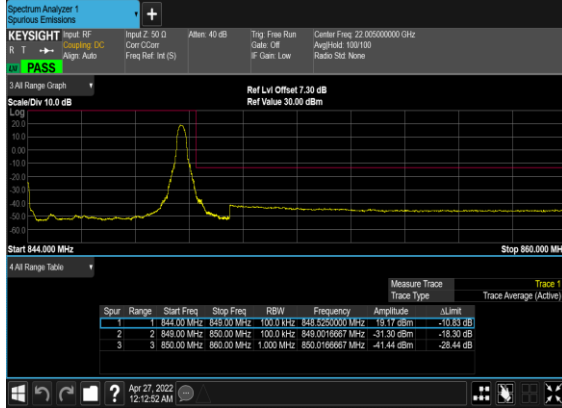
### N5(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



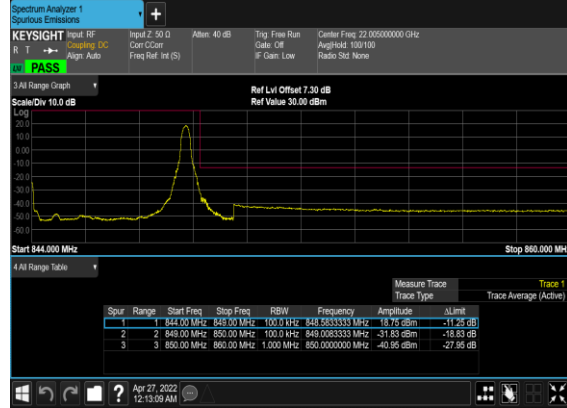
### N5(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



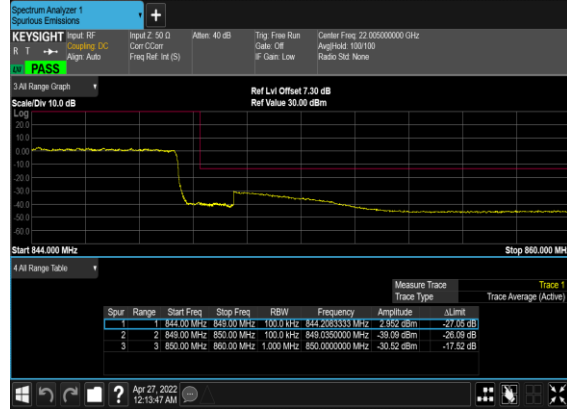
N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



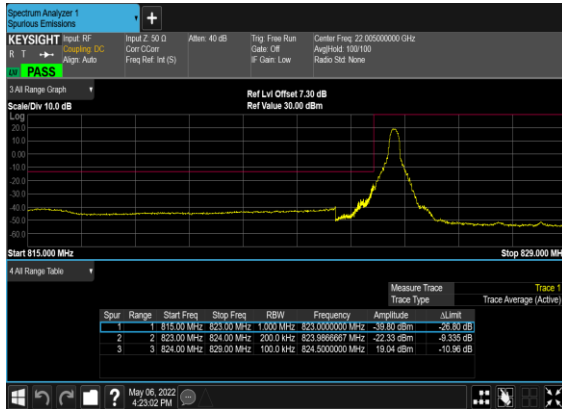
N5(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



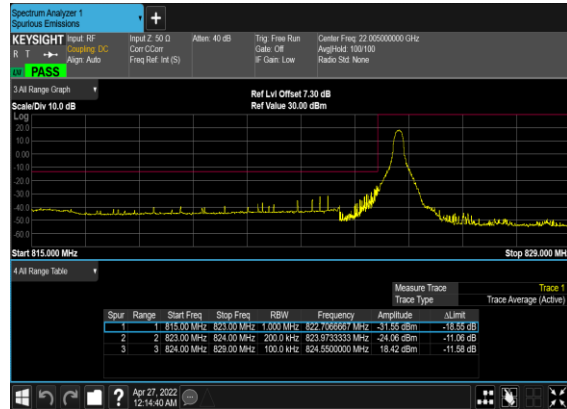
N5(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



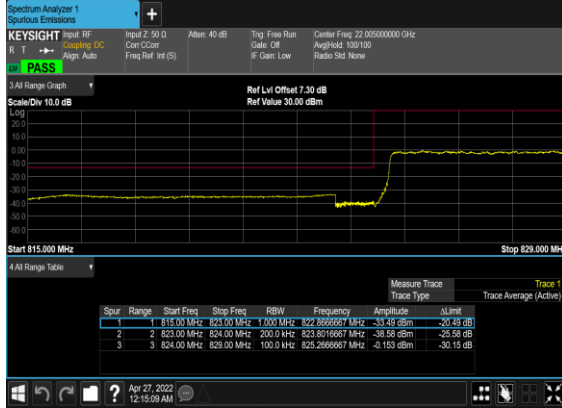
N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



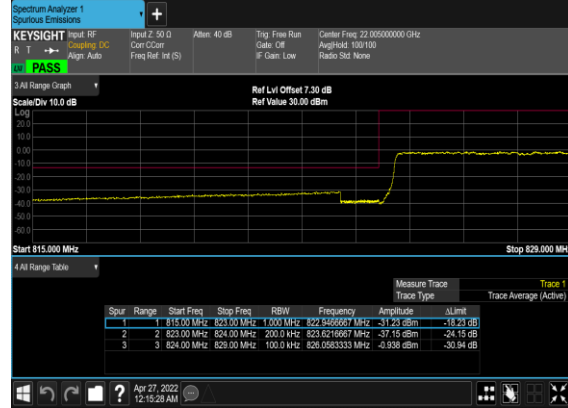
N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



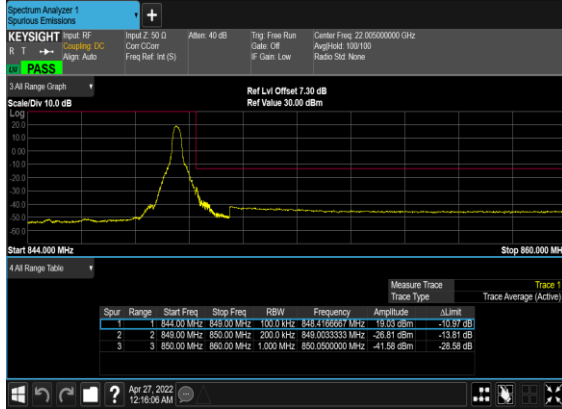
N5(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



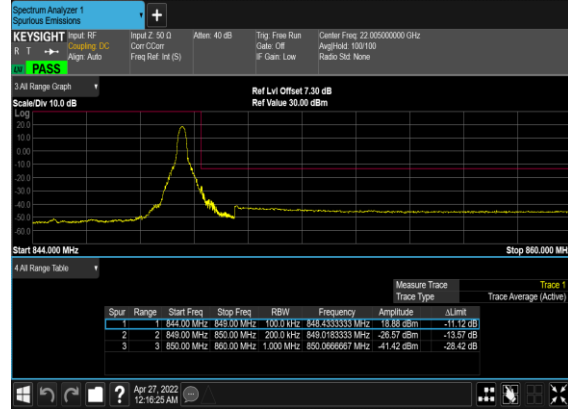
N5(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



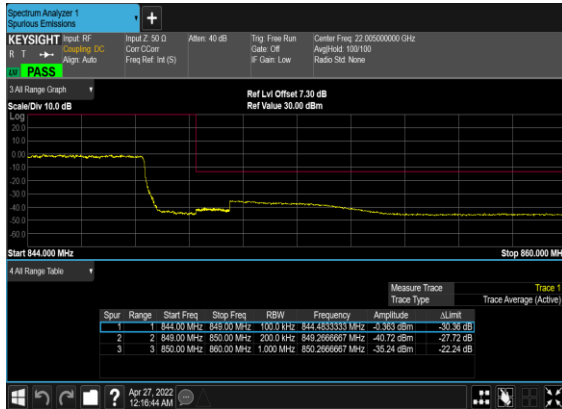
N5(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



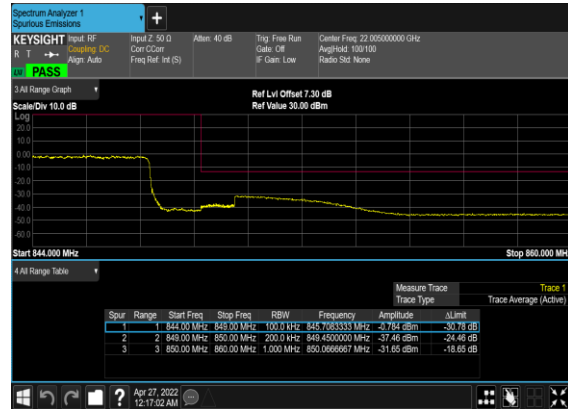
N5(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N5(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N5(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N12 (ANT1)

## Transmitter Conducted Output Power And ERP, ( $G_T - L_C$ )= -7.5dBi

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
12	15	5	146300	701.5	DFT-s-OFDM PI/2 BPSK	12@6	23.73	14.08	0.0256
12	15	5	146300	701.5	DFT-s-OFDM PI/2 BPSK	1@1	23.82	14.17	0.0261
12	15	5	146300	701.5	DFT-s-OFDM PI/2 BPSK	1@23	23.79	14.14	0.0259
12	15	5	146300	701.5	DFT-s-OFDM QPSK	12@6	23.78	14.13	0.0259
12	15	5	146300	701.5	DFT-s-OFDM QPSK	1@1	23.82	14.17	0.0261
12	15	5	146300	701.5	DFT-s-OFDM QPSK	1@23	23.74	14.09	0.0256
12	15	5	146300	701.5	DFT-s-OFDM 16 QAM	12@6	22.77	13.12	0.0205
12	15	5	146300	701.5	DFT-s-OFDM 16 QAM	1@1	22.48	12.83	0.0192
12	15	5	146300	701.5	DFT-s-OFDM 16 QAM	1@23	22.37	12.72	0.0187
12	15	5	146300	701.5	DFT-s-OFDM 64 QAM	12@6	21.34	11.69	0.0148
12	15	5	146300	701.5	DFT-s-OFDM 64 QAM	1@1	21.6	11.95	0.0157
12	15	5	146300	701.5	DFT-s-OFDM 64 QAM	1@23	21.55	11.9	0.0155
12	15	5	146300	701.5	DFT-s-OFDM 256 QAM	12@6	19.15	9.5	0.0089
12	15	5	146300	701.5	DFT-s-OFDM 256 QAM	1@1	19.19	9.54	0.0090
12	15	5	146300	701.5	DFT-s-OFDM 256 QAM	1@23	19.07	9.42	0.0087
12	15	5	146300	701.5	CP-OFDM QPSK	13@6	22.28	12.63	0.0183
12	15	5	146300	701.5	CP-OFDM QPSK	1@1	22.44	12.79	0.0190
12	15	5	146300	701.5	CP-OFDM QPSK	1@23	22.33	12.68	0.0185
12	15	5	147500	707.5	DFT-s-OFDM PI/2 BPSK	12@6	23.83	14.18	0.0262
12	15	5	147500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	23.79	14.14	0.0259
12	15	5	147500	707.5	DFT-s-OFDM PI/2 BPSK	1@23	23.77	14.12	0.0258
12	15	5	147500	707.5	DFT-s-OFDM QPSK	12@6	23.87	14.22	0.0264
12	15	5	147500	707.5	DFT-s-OFDM QPSK	1@1	23.75	14.1	0.0257
12	15	5	147500	707.5	DFT-s-OFDM QPSK	1@23	23.76	14.11	0.0258
12	15	5	147500	707.5	DFT-s-OFDM 16 QAM	12@6	22.8	13.15	0.0207
12	15	5	147500	707.5	DFT-s-OFDM 16 QAM	1@1	22.42	12.77	0.0189
12	15	5	147500	707.5	DFT-s-OFDM 16 QAM	1@23	22.39	12.74	0.0188
12	15	5	147500	707.5	DFT-s-OFDM 64 QAM	12@6	21.43	11.78	0.0151
12	15	5	147500	707.5	DFT-s-OFDM 64 QAM	1@1	21.63	11.98	0.0158

12	15	5	147500	707.5	DFT-s-OFDM 64 QAM	1@23	21.59	11.94	0.0156
12	15	5	147500	707.5	DFT-s-OFDM 256 QAM	12@6	19.25	9.6	0.0091
12	15	5	147500	707.5	DFT-s-OFDM 256 QAM	1@1	19.14	9.49	0.0089
12	15	5	147500	707.5	DFT-s-OFDM 256 QAM	1@23	19.07	9.42	0.0087
12	15	5	147500	707.5	CP-OFDM QPSK	13@6	22.32	12.67	0.0185
12	15	5	147500	707.5	CP-OFDM QPSK	1@1	22.36	12.71	0.0187
12	15	5	147500	707.5	CP-OFDM QPSK	1@23	22.32	12.67	0.0185
12	15	5	148700	713.5	DFT-s-OFDM PI/2 BPSK	12@6	23.8	14.15	0.0260
12	15	5	148700	713.5	DFT-s-OFDM PI/2 BPSK	1@1	23.83	14.18	0.0262
12	15	5	148700	713.5	DFT-s-OFDM PI/2 BPSK	1@23	23.82	14.17	0.0261
12	15	5	148700	713.5	DFT-s-OFDM QPSK	12@6	23.84	14.19	0.0262
12	15	5	148700	713.5	DFT-s-OFDM QPSK	1@1	23.71	14.06	0.0255
12	15	5	148700	713.5	DFT-s-OFDM QPSK	1@23	23.92	14.27	0.0267
12	15	5	148700	713.5	DFT-s-OFDM 16 QAM	12@6	22.84	13.19	0.0208
12	15	5	148700	713.5	DFT-s-OFDM 16 QAM	1@1	22.41	12.76	0.0189
12	15	5	148700	713.5	DFT-s-OFDM 16 QAM	1@23	22.44	12.79	0.0190
12	15	5	148700	713.5	DFT-s-OFDM 64 QAM	12@6	21.42	11.77	0.0150
12	15	5	148700	713.5	DFT-s-OFDM 64 QAM	1@1	21.61	11.96	0.0157
12	15	5	148700	713.5	DFT-s-OFDM 64 QAM	1@23	21.7	12.05	0.0160
12	15	5	148700	713.5	DFT-s-OFDM 256 QAM	12@6	19.23	9.58	0.0091
12	15	5	148700	713.5	DFT-s-OFDM 256 QAM	1@1	19.12	9.47	0.0089
12	15	5	148700	713.5	DFT-s-OFDM 256 QAM	1@23	19.19	9.54	0.0090
12	15	5	148700	713.5	CP-OFDM QPSK	13@6	22.33	12.68	0.0185
12	15	5	148700	713.5	CP-OFDM QPSK	1@1	22.68	13.03	0.0201
12	15	5	148700	713.5	CP-OFDM QPSK	1@23	22.77	13.12	0.0205
12	15	10	146800	704	DFT-s-OFDM PI/2 BPSK	25@12	23.74	14.09	0.0256
12	15	10	146800	704	DFT-s-OFDM PI/2 BPSK	1@1	23.83	14.18	0.0262
12	15	10	146800	704	DFT-s-OFDM PI/2 BPSK	1@50	23.83	14.18	0.0262
12	15	10	146800	704	DFT-s-OFDM QPSK	25@12	23.8	14.15	0.0260
12	15	10	146800	704	DFT-s-OFDM QPSK	1@1	23.82	14.17	0.0261
12	15	10	146800	704	DFT-s-OFDM QPSK	1@50	23.77	14.12	0.0258
12	15	10	146800	704	DFT-s-OFDM 16 QAM	25@12	22.8	13.15	0.0207
12	15	10	146800	704	DFT-s-OFDM 16 QAM	1@1	22.5	12.85	0.0193
12	15	10	146800	704	DFT-s-OFDM 16 QAM	1@50	22.42	12.77	0.0189
12	15	10	146800	704	DFT-s-OFDM 64 QAM	25@12	21.36	11.71	0.0148
12	15	10	146800	704	DFT-s-OFDM 64 QAM	1@1	21.64	11.99	0.0158

12	15	10	146800	704	DFT-s-OFDM 64 QAM	1@50	21.58	11.93	0.0156
12	15	10	146800	704	DFT-s-OFDM 256 QAM	25@12	19.29	9.64	0.0092
12	15	10	146800	704	DFT-s-OFDM 256 QAM	1@1	18.96	9.31	0.0085
12	15	10	146800	704	DFT-s-OFDM 256 QAM	1@50	18.97	9.32	0.0086
12	15	10	146800	704	CP-OFDM QPSK	26@13	22.29	12.64	0.0184
12	15	10	146800	704	CP-OFDM QPSK	1@1	22.33	12.68	0.0185
12	15	10	146800	704	CP-OFDM QPSK	1@50	22.64	12.99	0.0199
12	15	10	147500	707.5	DFT-s-OFDM PI/2 BPSK	25@12	23.81	14.16	0.0261
12	15	10	147500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	23.84	14.19	0.0262
12	15	10	147500	707.5	DFT-s-OFDM PI/2 BPSK	1@50	23.84	14.19	0.0262
12	15	10	147500	707.5	DFT-s-OFDM QPSK	25@12	23.81	14.16	0.0261
12	15	10	147500	707.5	DFT-s-OFDM QPSK	1@1	23.76	14.11	0.0258
12	15	10	147500	707.5	DFT-s-OFDM QPSK	1@50	23.84	14.19	0.0262
12	15	10	147500	707.5	DFT-s-OFDM 16 QAM	25@12	22.85	13.2	0.0209
12	15	10	147500	707.5	DFT-s-OFDM 16 QAM	1@1	22.42	12.77	0.0189
12	15	10	147500	707.5	DFT-s-OFDM 16 QAM	1@50	22.45	12.8	0.0191
12	15	10	147500	707.5	DFT-s-OFDM 64 QAM	25@12	21.41	11.76	0.0150
12	15	10	147500	707.5	DFT-s-OFDM 64 QAM	1@1	21.57	11.92	0.0156
12	15	10	147500	707.5	DFT-s-OFDM 64 QAM	1@50	21.6	11.95	0.0157
12	15	10	147500	707.5	DFT-s-OFDM 256 QAM	25@12	19.35	9.7	0.0093
12	15	10	147500	707.5	DFT-s-OFDM 256 QAM	1@1	18.88	9.23	0.0084
12	15	10	147500	707.5	DFT-s-OFDM 256 QAM	1@50	18.97	9.32	0.0086
12	15	10	147500	707.5	CP-OFDM QPSK	26@13	22.38	12.73	0.0187
12	15	10	147500	707.5	CP-OFDM QPSK	1@1	22.32	12.67	0.0185
12	15	10	147500	707.5	CP-OFDM QPSK	1@50	22.69	13.04	0.0201
12	15	10	148200	711	DFT-s-OFDM PI/2 BPSK	25@12	23.82	14.17	0.0261
12	15	10	148200	711	DFT-s-OFDM PI/2 BPSK	1@1	23.82	14.17	0.0261
12	15	10	148200	711	DFT-s-OFDM PI/2 BPSK	1@50	23.9	14.25	0.0266
12	15	10	148200	711	DFT-s-OFDM QPSK	25@12	23.89	14.24	0.0265
12	15	10	148200	711	DFT-s-OFDM QPSK	1@1	23.79	14.14	0.0259
12	15	10	148200	711	DFT-s-OFDM QPSK	1@50	23.99	14.34	0.0272
12	15	10	148200	711	DFT-s-OFDM 16 QAM	25@12	22.89	13.24	0.0211
12	15	10	148200	711	DFT-s-OFDM 16 QAM	1@1	22.39	12.74	0.0188
12	15	10	148200	711	DFT-s-OFDM 16 QAM	1@50	22.53	12.88	0.0194
12	15	10	148200	711	DFT-s-OFDM 64 QAM	25@12	21.44	11.79	0.0151
12	15	10	148200	711	DFT-s-OFDM 64 QAM	1@1	21.56	11.91	0.0155



12	15	10	148200	711	DFT-s-OFDM 64 QAM	1@50	21.7	12.05	0.0160
12	15	10	148200	711	DFT-s-OFDM 256 QAM	25@12	19.4	9.75	0.0094
12	15	10	148200	711	DFT-s-OFDM 256 QAM	1@1	18.93	9.28	0.0085
12	15	10	148200	711	DFT-s-OFDM 256 QAM	1@50	19.03	9.38	0.0087
12	15	10	148200	711	CP-OFDM QPSK	26@13	22.35	12.7	0.0186
12	15	10	148200	711	CP-OFDM QPSK	1@1	22.63	12.98	0.0199
12	15	10	148200	711	CP-OFDM QPSK	1@50	22.8	13.15	0.0207
12	15	15	147300	706.5	DFT-s-OFDM PI/2 BPSK	36@18	23.83	14.18	0.0262
12	15	15	147300	706.5	DFT-s-OFDM PI/2 BPSK	1@1	23.89	14.24	0.0265
12	15	15	147300	706.5	DFT-s-OFDM PI/2 BPSK	1@77	23.85	14.2	0.0263
12	15	15	147300	706.5	DFT-s-OFDM QPSK	36@18	23.92	14.27	0.0267
12	15	15	147300	706.5	DFT-s-OFDM QPSK	1@1	23.9	14.25	0.0266
12	15	15	147300	706.5	DFT-s-OFDM QPSK	1@77	23.9	14.25	0.0266
12	15	15	147300	706.5	DFT-s-OFDM 16 QAM	36@18	22.92	13.27	0.0212
12	15	15	147300	706.5	DFT-s-OFDM 16 QAM	1@1	22.48	12.83	0.0192
12	15	15	147300	706.5	DFT-s-OFDM 16 QAM	1@77	22.44	12.79	0.0190
12	15	15	147300	706.5	DFT-s-OFDM 64 QAM	36@18	21.46	11.81	0.0152
12	15	15	147300	706.5	DFT-s-OFDM 64 QAM	1@1	21.71	12.06	0.0161
12	15	15	147300	706.5	DFT-s-OFDM 64 QAM	1@77	21.64	11.99	0.0158
12	15	15	147300	706.5	DFT-s-OFDM 256 QAM	36@18	19.32	9.67	0.0093
12	15	15	147300	706.5	DFT-s-OFDM 256 QAM	1@1	19.04	9.39	0.0087
12	15	15	147300	706.5	DFT-s-OFDM 256 QAM	1@77	19.03	9.38	0.0087
12	15	15	147300	706.5	CP-OFDM QPSK	39@19	22.36	12.71	0.0187
12	15	15	147300	706.5	CP-OFDM QPSK	1@1	22.34	12.69	0.0186
12	15	15	147300	706.5	CP-OFDM QPSK	1@77	22.62	12.97	0.0198
12	15	15	147500	707.5	DFT-s-OFDM PI/2 BPSK	36@18	23.89	14.24	0.0265
12	15	15	147500	707.5	DFT-s-OFDM PI/2 BPSK	1@1	23.83	14.18	0.0262
12	15	15	147500	707.5	DFT-s-OFDM PI/2 BPSK	1@77	23.88	14.23	0.0265
12	15	15	147500	707.5	DFT-s-OFDM QPSK	36@18	23.9	14.25	0.0266
12	15	15	147500	707.5	DFT-s-OFDM QPSK	1@1	23.82	14.17	0.0261
12	15	15	147500	707.5	DFT-s-OFDM QPSK	1@77	23.97	14.32	0.0270
12	15	15	147500	707.5	DFT-s-OFDM 16 QAM	36@18	22.94	13.29	0.0213
12	15	15	147500	707.5	DFT-s-OFDM 16 QAM	1@1	22.4	12.75	0.0188
12	15	15	147500	707.5	DFT-s-OFDM 16 QAM	1@77	22.44	12.79	0.0190
12	15	15	147500	707.5	DFT-s-OFDM 64 QAM	36@18	21.44	11.79	0.0151
12	15	15	147500	707.5	DFT-s-OFDM 64 QAM	1@1	21.63	11.98	0.0158

12	15	15	147500	707.5	DFT-s-OFDM 64 QAM	1@77	21.66	12.01	0.0159
12	15	15	147500	707.5	DFT-s-OFDM 256 QAM	36@18	19.35	9.7	0.0093
12	15	15	147500	707.5	DFT-s-OFDM 256 QAM	1@1	18.96	9.31	0.0085
12	15	15	147500	707.5	DFT-s-OFDM 256 QAM	1@77	19.04	9.39	0.0087
12	15	15	147500	707.5	CP-OFDM QPSK	39@19	22.4	12.75	0.0188
12	15	15	147500	707.5	CP-OFDM QPSK	1@1	22.71	13.06	0.0202
12	15	15	147500	707.5	CP-OFDM QPSK	1@77	22.6	12.95	0.0197
12	15	15	147700	708.5	DFT-s-OFDM PI/2 BPSK	36@18	23.84	14.19	0.0262
12	15	15	147700	708.5	DFT-s-OFDM PI/2 BPSK	1@1	23.86	14.21	0.0264
12	15	15	147700	708.5	DFT-s-OFDM PI/2 BPSK	1@77	23.9	14.25	0.0266
12	15	15	147700	708.5	DFT-s-OFDM QPSK	36@18	23.88	14.23	0.0265
12	15	15	147700	708.5	DFT-s-OFDM QPSK	1@1	23.8	14.15	0.0260
12	15	15	147700	708.5	DFT-s-OFDM QPSK	1@77	23.96	14.31	0.0270
12	15	15	147700	708.5	DFT-s-OFDM 16 QAM	36@18	22.89	13.24	0.0211
12	15	15	147700	708.5	DFT-s-OFDM 16 QAM	1@1	22.46	12.81	0.0191
12	15	15	147700	708.5	DFT-s-OFDM 16 QAM	1@77	22.57	12.92	0.0196
12	15	15	147700	708.5	DFT-s-OFDM 64 QAM	36@18	21.47	11.82	0.0152
12	15	15	147700	708.5	DFT-s-OFDM 64 QAM	1@1	21.61	11.96	0.0157
12	15	15	147700	708.5	DFT-s-OFDM 64 QAM	1@77	21.75	12.1	0.0162
12	15	15	147700	708.5	DFT-s-OFDM 256 QAM	36@18	19.33	9.68	0.0093
12	15	15	147700	708.5	DFT-s-OFDM 256 QAM	1@1	18.93	9.28	0.0085
12	15	15	147700	708.5	DFT-s-OFDM 256 QAM	1@77	19.06	9.41	0.0087
12	15	15	147700	708.5	CP-OFDM QPSK	39@19	22.39	12.74	0.0188
12	15	15	147700	708.5	CP-OFDM QPSK	1@1	22.25	12.6	0.0182
12	15	15	147700	708.5	CP-OFDM QPSK	1@77	22.63	12.98	0.0199

## Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00233	PASS	NV
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00373	PASS	LV
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.0034	PASS	HV
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00627	PASS	-30°C
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00205	PASS	-20°C
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00217	PASS	-10°C
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00519	PASS	0°C
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00421	PASS	10°C
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00275	PASS	20°C
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00559	PASS	30°C
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00595	PASS	40°C
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	0.00304	PASS	50°C

## Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
12	15	10	146800	704.0	DFT-s-OFDM PI/2 BPSK	50@0	4.46	13	PASS
12	15	10	146800	704.0	DFT-s-OFDM PI/2 BPSK	1@0	4.26	13	PASS
12	15	10	146800	704.0	DFT-s-OFDM QPSK	50@0	5.6	13	PASS
12	15	10	146800	704.0	DFT-s-OFDM QPSK	1@0	4.88	13	PASS
12	15	10	147500	707.5	DFT-s-OFDM PI/2 BPSK	50@0	4.51	13	PASS
12	15	10	147500	707.5	DFT-s-OFDM PI/2 BPSK	1@0	4.22	13	PASS
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	5.57	13	PASS
12	15	10	147500	707.5	DFT-s-OFDM QPSK	1@0	4.89	13	PASS
12	15	10	148200	711.0	DFT-s-OFDM PI/2 BPSK	50@0	4.42	13	PASS
12	15	10	148200	711.0	DFT-s-OFDM PI/2 BPSK	1@0	4.2	13	PASS
12	15	10	148200	711.0	DFT-s-OFDM QPSK	50@0	5.47	13	PASS
12	15	10	148200	711.0	DFT-s-OFDM QPSK	1@0	4.86	13	PASS

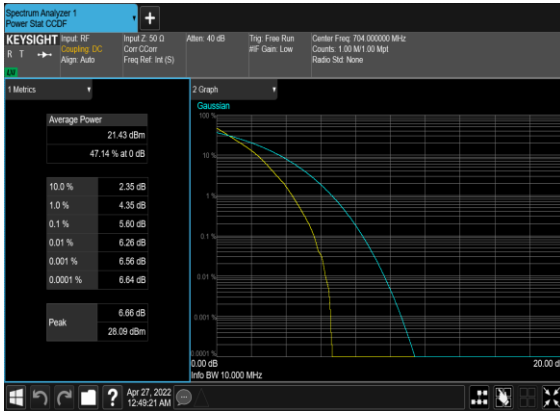
N12(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



N12(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Low\_CH



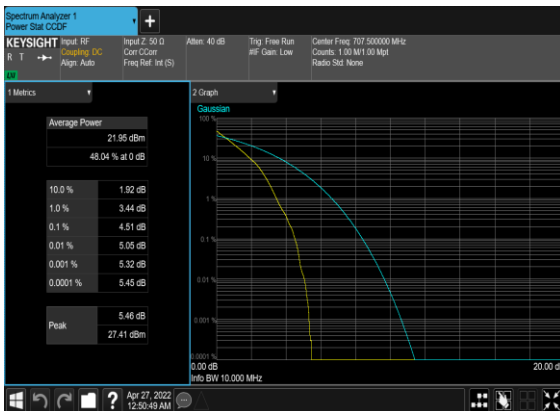
N12(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N12(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N12(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



N12(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



N12(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N12(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N12(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



N12(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



N12(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N12(10M)\_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)
12	15	5	147500	707.5	DFT-s-OFDM PI/2 BPSK	25@0	4.462	4.765
12	15	5	147500	707.5	DFT-s-OFDM QPSK	25@0	4.458	4.765
12	15	5	147500	707.5	CP-OFDM QPSK	25@0	4.4733	4.847
12	15	5	147500	707.5	CP-OFDM 16 QAM	25@0	4.4657	4.817
12	15	5	147500	707.5	CP-OFDM 64 QAM	25@0	4.463	4.812
12	15	5	147500	707.5	CP-OFDM 256 QAM	25@0	4.4597	4.786
12	15	10	147500	707.5	DFT-s-OFDM PI/2 BPSK	50@0	8.9131	9.331
12	15	10	147500	707.5	DFT-s-OFDM QPSK	50@0	8.8939	9.338
12	15	10	147500	707.5	CP-OFDM QPSK	52@0	9.2816	9.706
12	15	10	147500	707.5	CP-OFDM 16 QAM	52@0	9.3233	9.734
12	15	10	147500	707.5	CP-OFDM 64 QAM	52@0	9.2817	9.728
12	15	10	147500	707.5	CP-OFDM 256 QAM	52@0	9.2818	9.718
12	15	15	147500	707.5	DFT-s-OFDM PI/2 BPSK	75@0	13.365	13.98
12	15	15	147500	707.5	DFT-s-OFDM QPSK	75@0	13.371	14.04
12	15	15	147500	707.5	CP-OFDM QPSK	79@0	14.074	14.71
12	15	15	147500	707.5	CP-OFDM 16 QAM	79@0	14.1	14.73
12	15	15	147500	707.5	CP-OFDM 64 QAM	79@0	14.084	14.68
12	15	15	147500	707.5	CP-OFDM 256 QAM	79@0	14.108	14.71