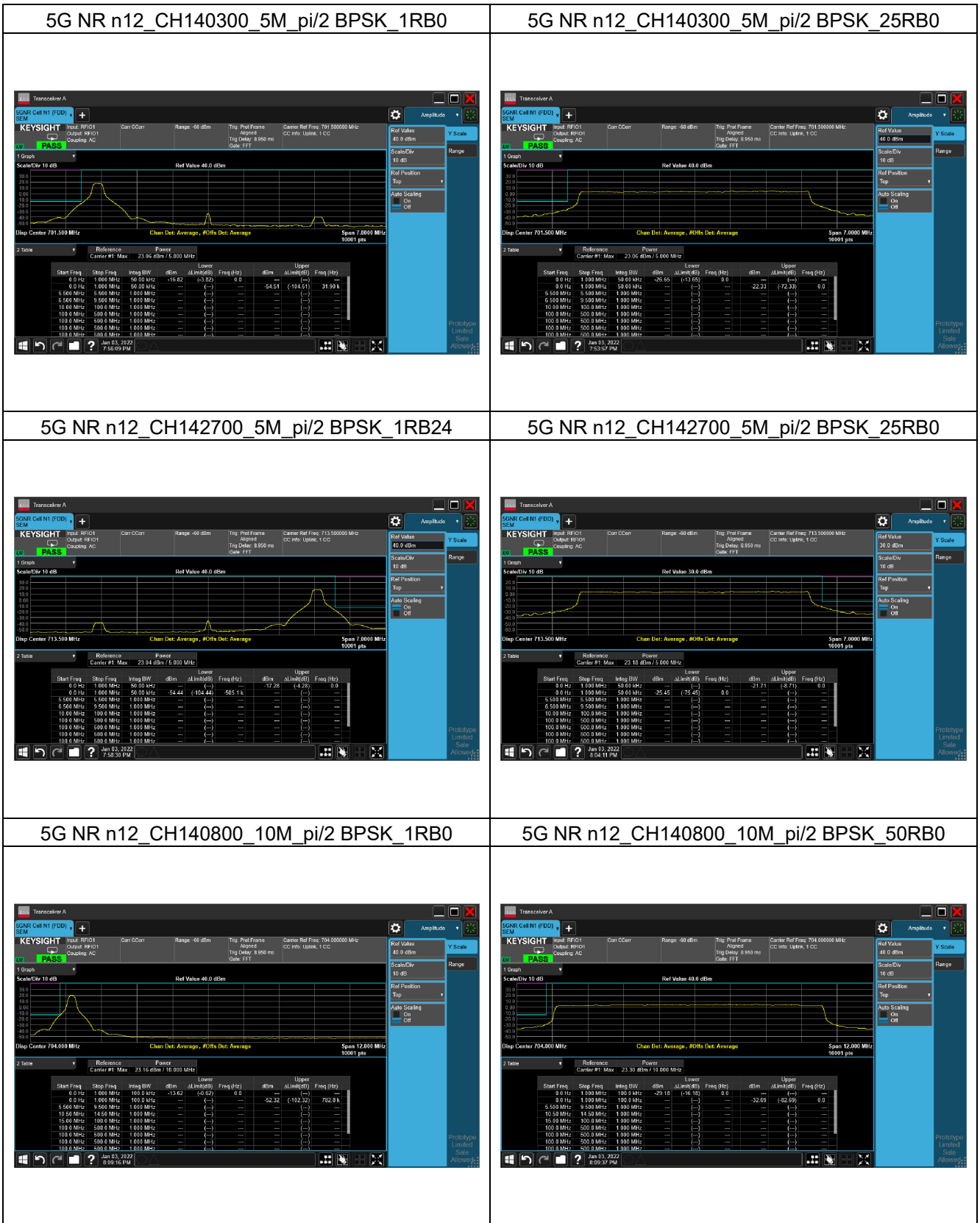
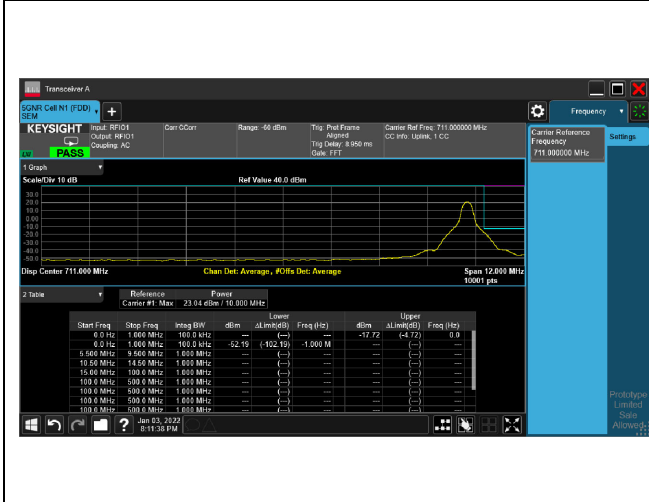


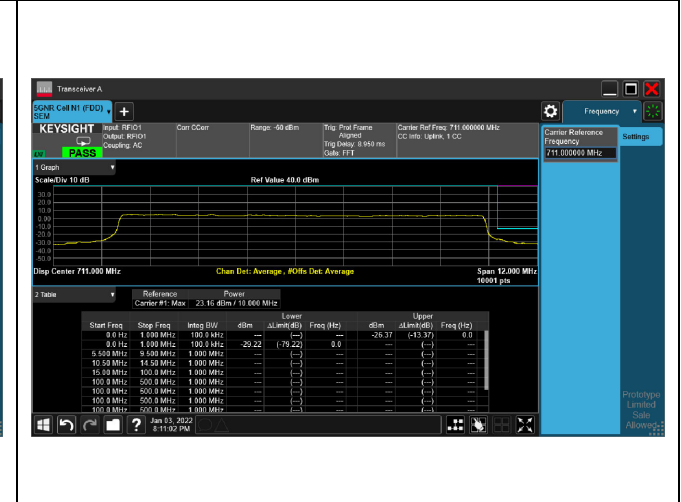
**Mode 3: 5G NR n12**



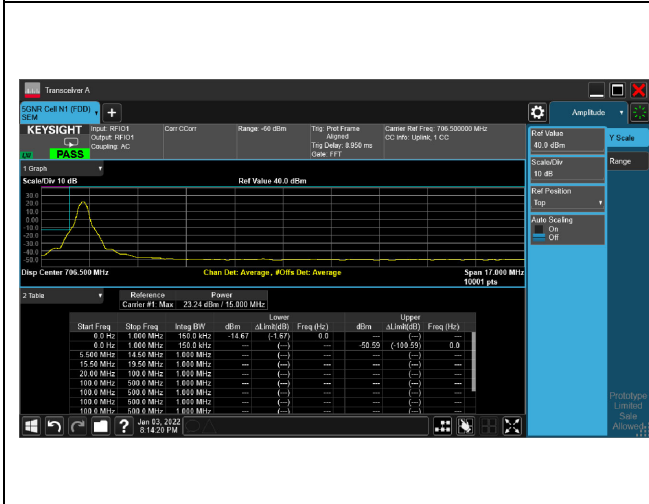
5G NR n12\_CH142200\_10M\_pi/2 BPSK\_1RB51



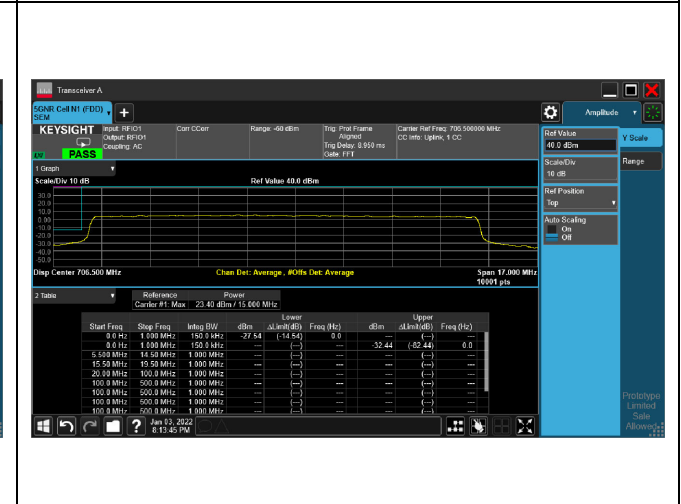
5G NR n12\_CH142200\_10M\_pi/2 BPSK\_50RB2



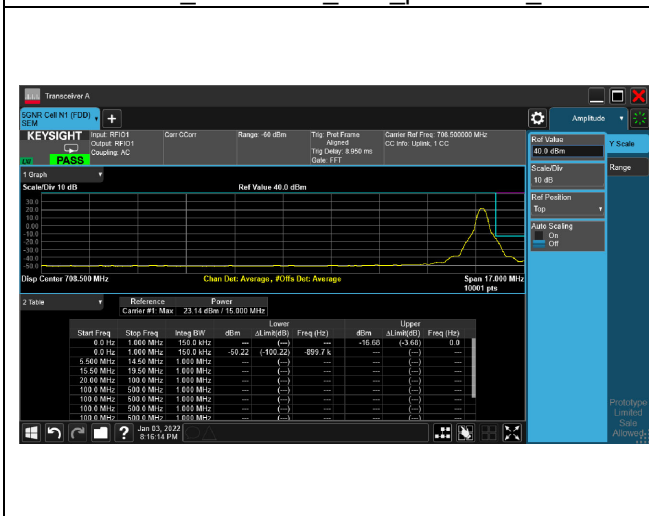
5G NR n12\_CH141300\_15M\_pi/2 BPSK\_1RB0



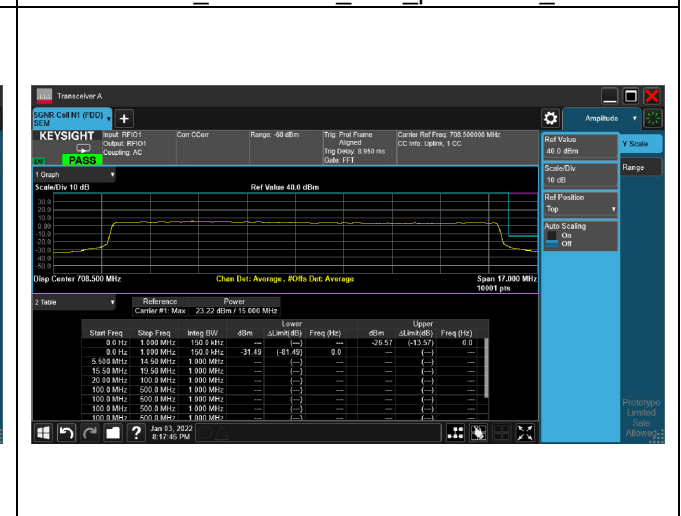
5G NR n12\_CH141300\_15M\_pi/2 BPSK\_75RB0



5G NR n12\_CH141700\_15M\_pi/2 BPSK\_1RB78

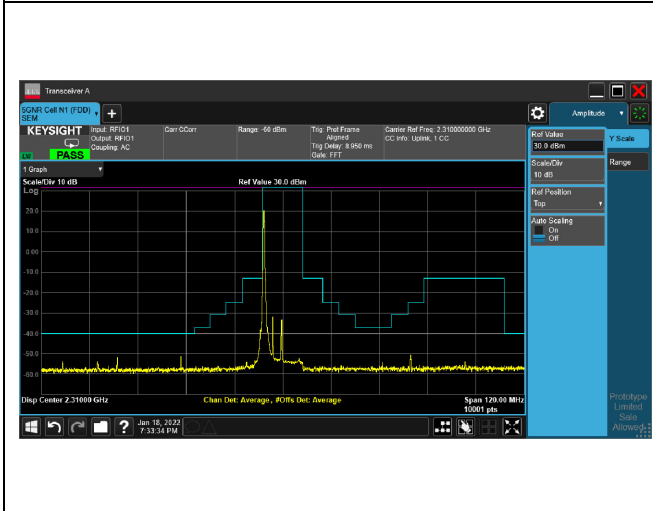


5G NR n12\_CH141700\_15M\_pi/2 BPSK\_75RB4



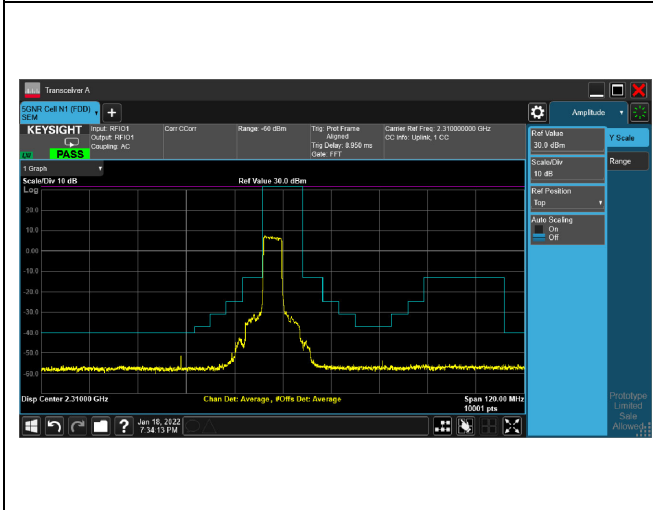
Mode 4: 5G NR n30

5G NR n30\_CH461500\_5M\_pi/2 BPSK\_1RB0



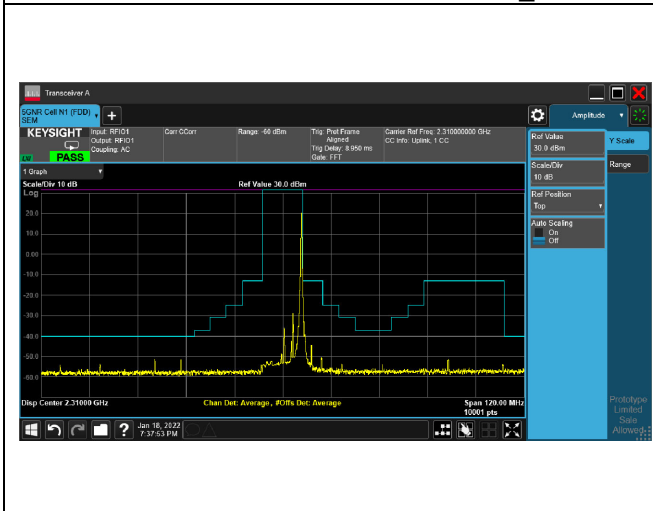
Start Freq	Stop Freq	Integ BW	dBm	dBm(dB)	Freq (Hz)	dBm	dBm(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	50.00 kHz	-14.96	(-1.85)	0.0	-56.62	(-43.22)	842.0 K
1.000 MHz	5.000 MHz	50.00 kHz	-45.80	(-28.62)	4.000 M	-56.20	(-42.70)	3.978 M
5.000 MHz	9.000 MHz	50.00 kHz	-56.09	(-34.02)	6.700 M	-56.06	(-31.86)	5.998 M
9.000 MHz	13.000 MHz	50.00 kHz	-56.41	(-28.47)	10.000 M	-56.17	(-25.17)	11.66 M
13.000 MHz	17.000 MHz	50.00 kHz	-56.81	(-19.01)	14.500 M	-56.31	(-19.31)	16.65 M
17.000 MHz	20.000 MHz	50.00 kHz	-51.48	(-11.48)	18.000 M	-	(-)	-
20.000 MHz	22.000 MHz	50.00 kHz	-	(-)	20.000 M	-54.35	(-17.35)	19.71 M
22.000 MHz	26.000 MHz	50.00 kHz	-	(-)	24.000 M	-54.37	(-25.37)	25.47 M
26.000 MHz	30.000 MHz	50.00 kHz	-42.52	(-17.52)	28.000 M	-51.07	(-26.90)	29.23 M
30.000 MHz	50.000 MHz	50.00 kHz	-	(-)	30.000 M	-53.90	(-40.90)	40.33 M
50.000 MHz	60.000 MHz	50.00 kHz	-	(-)	50.000 M	-55.61	(-15.61)	59.55 M
101.0 MHz	101.0 MHz	50.00 kHz	-	(-)	-	-	(-)	-

5G NR n30\_CH461500\_5M\_pi/2 BPSK\_25RB0



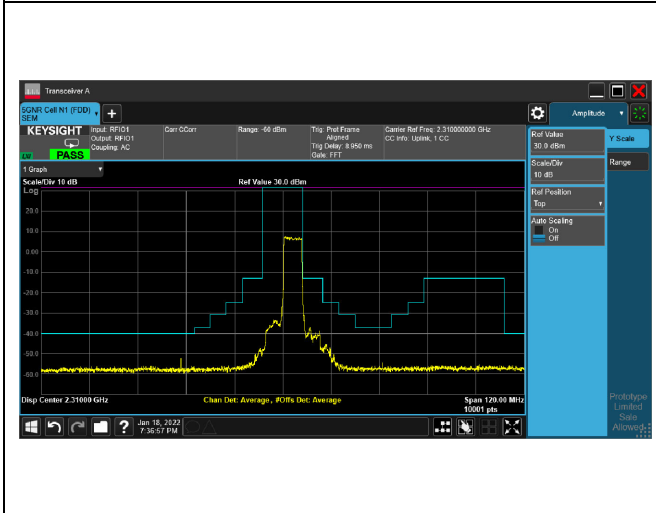
Start Freq	Stop Freq	Integ BW	dBm	dBm(dB)	Freq (Hz)	dBm	dBm(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	50.00 kHz	-23.80	(-8.80)	0.0	-43.81	(-30.31)	824.0 K
1.000 MHz	5.000 MHz	50.00 kHz	-30.95	(-17.95)	2.150 M	-46.54	(-33.54)	1.000 M
5.000 MHz	9.000 MHz	50.00 kHz	-42.52	(-17.52)	6.800 M	-55.96	(-26.96)	7.548 M
9.000 MHz	13.000 MHz	50.00 kHz	-55.31	(-24.31)	9.488 M	-55.89	(-24.89)	17.82 M
13.000 MHz	17.000 MHz	50.00 kHz	-56.34	(-19.34)	13.000 M	-56.30	(-19.30)	19.28 M
17.000 MHz	20.000 MHz	50.00 kHz	-51.92	(-11.92)	16.300 M	-	(-)	-
20.000 MHz	22.000 MHz	50.00 kHz	-	(-)	18.000 M	-53.84	(-16.84)	19.73 M
22.000 MHz	26.000 MHz	50.00 kHz	-	(-)	20.000 M	-52.02	(-25.02)	22.78 M
26.000 MHz	30.000 MHz	50.00 kHz	-	(-)	26.000 M	-55.81	(-30.81)	29.87 M
30.000 MHz	50.000 MHz	50.00 kHz	-	(-)	30.000 M	-55.41	(-24.41)	38.65 M
50.000 MHz	60.000 MHz	50.00 kHz	-	(-)	50.000 M	-55.47	(-15.47)	59.97 M
101.0 MHz	101.0 MHz	50.00 kHz	-	(-)	-	-	(-)	-

5G NR n30\_CH462500\_5M\_pi/2 BPSK\_1RB24



Start Freq	Stop Freq	Integ BW	dBm	dBm(dB)	Freq (Hz)	dBm	dBm(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	50.00 kHz	-58.30	(-41.30)	0.0	-31.21	(-14.21)	0.0
1.000 MHz	5.000 MHz	50.00 kHz	-56.80	(-41.80)	4.710 M	-44.74	(-31.74)	2.202 M
5.000 MHz	9.000 MHz	50.00 kHz	-55.94	(-30.94)	5.335 M	-55.40	(-30.40)	7.004 M
9.000 MHz	13.000 MHz	50.00 kHz	-59.57	(-28.57)	10.710 M	-54.44	(-23.44)	9.928 M
13.000 MHz	17.000 MHz	50.00 kHz	-56.67	(-18.67)	14.510 M	-56.05	(-16.05)	15.93 M
17.000 MHz	20.000 MHz	50.00 kHz	-51.59	(-11.59)	18.000 M	-	(-)	-
20.000 MHz	22.000 MHz	50.00 kHz	-	(-)	19.870 M	-53.87	(-16.87)	19.73 M
22.000 MHz	26.000 MHz	50.00 kHz	-	(-)	22.000 M	-46.04	(-26.04)	23.96 M
26.000 MHz	30.000 MHz	50.00 kHz	-	(-)	26.000 M	-56.17	(-31.17)	29.93 M
30.000 MHz	50.000 MHz	50.00 kHz	-	(-)	30.000 M	-51.68	(-38.68)	36.65 M
50.000 MHz	60.000 MHz	50.00 kHz	-	(-)	50.000 M	-55.26	(-15.26)	56.16 M
101.0 MHz	101.0 MHz	50.00 kHz	-	(-)	-	-	(-)	-

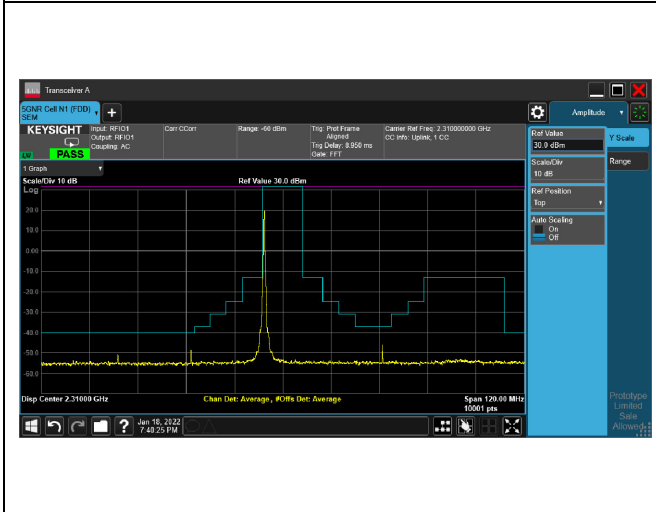
5G NR n30\_CH462500\_5M\_pi/2 BPSK\_25RB0



Transceiver A  
 KEYSIGHT Input: RF01 Output: RF01 Coupling: AC  
 Range: 40 dBm  
 Ref Value: 30.0 dBm  
 Span: 120.00 MHz

Start Freq	Stop Freq	Integ BW	dBm	dBm(dB)	Freq (Hz)	dBm	dBm(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	50.0 kHz	-80.36	(-32.25)	-803.0 K	-24.82	(-11.52)	0.0
1.000 MHz	5.000 MHz	50.0 kHz	-49.51	(-24.51)	-4.915 M	-26.71	(-23.71)	1.898 M
5.000 MHz	9.000 MHz	50.0 kHz	-55.38	(-30.38)	-5.920 M	-45.28	(-21.28)	5.694 M
9.000 MHz	13.000 MHz	50.0 kHz	-56.19	(-31.19)	-10.29 M	-55.75	(-31.75)	9.558 M
13.000 MHz	17.000 MHz	50.0 kHz	-56.43	(-31.43)	-14.78 M	-55.57	(-31.57)	13.02 M
17.000 MHz	20.999 MHz	50.0 kHz	-51.01	(-26.01)	-19.29 M	-	(-)	17.000 M
20.999 MHz	26.999 MHz	50.0 kHz	-	-	-	-54.34	(-31.34)	19.73 M
26.999 MHz	30.999 MHz	50.0 kHz	-	-	-	-54.04	(-31.04)	25.64 M
30.999 MHz	50.999 MHz	50.0 kHz	-	-	-	-56.97	(-31.97)	35.76 M
50.999 MHz	60.999 MHz	50.0 kHz	-	-	-	-55.63	(-32.63)	47.03 M
60.999 MHz	80.999 MHz	50.0 kHz	-	-	-	-56.03	(-32.03)	51.04 M
101.0 MHz	101.0 MHz	50.0 kHz	-	-	-	-	-	(-)

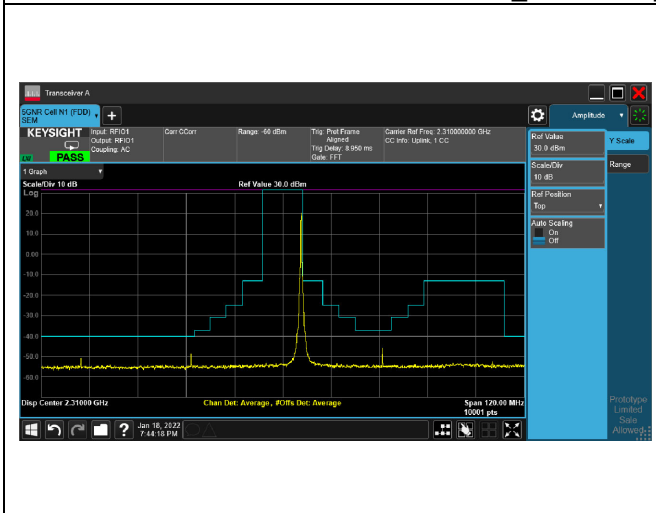
5G NR n30\_CH462000\_10M\_pi/2 BPSK\_1RB0



Transceiver A  
 KEYSIGHT Input: RF01 Output: RF01 Coupling: AC  
 Range: 40 dBm  
 Ref Value: 36.0 dBm  
 Span: 120.00 MHz

Start Freq	Stop Freq	Integ BW	dBm	dBm(dB)	Freq (Hz)	dBm	dBm(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	100.0 kHz	-16.03	(-3.03)	0.0	-54.15	(-41.15)	551.0 K
1.000 MHz	5.000 MHz	100.0 kHz	-47.58	(-32.58)	-1.000 M	-54.26	(-41.26)	3.100 M
5.000 MHz	9.000 MHz	100.0 kHz	-53.75	(-38.75)	-5.000 M	-54.61	(-41.61)	6.250 M
9.000 MHz	13.000 MHz	100.0 kHz	-54.18	(-39.18)	-10.000 M	-53.84	(-40.84)	10.000 M
13.000 MHz	17.000 MHz	100.0 kHz	-54.30	(-39.30)	-15.000 M	-55.96	(-42.96)	14.000 M
17.000 MHz	20.999 MHz	100.0 kHz	-48.75	(-33.75)	-19.999 M	-	-	17.000 M
20.999 MHz	26.999 MHz	100.0 kHz	-	-	-	-48.08	(-35.08)	19.73 M
26.999 MHz	30.999 MHz	100.0 kHz	-	-	-	-54.12	(-41.12)	24.29 M
30.999 MHz	50.999 MHz	100.0 kHz	-	-	-	-54.05	(-41.05)	29.63 M
50.999 MHz	60.999 MHz	100.0 kHz	-	-	-	-52.88	(-39.88)	37.63 M
60.999 MHz	80.999 MHz	100.0 kHz	-	-	-	-54.02	(-41.02)	59.48 M
101.0 MHz	101.0 MHz	100.0 kHz	-	-	-	-	-	(-)

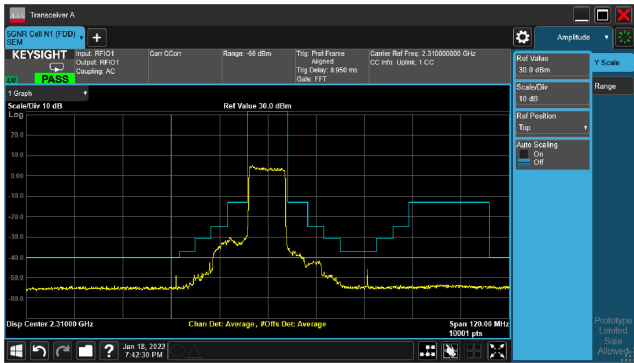
5G NR n30\_CH462000\_10M\_pi/2 BPSK\_1RB51



Transceiver A  
 KEYSIGHT Input: RF01 Output: RF01 Coupling: AC  
 Range: 40 dBm  
 Ref Value: 36.0 dBm  
 Span: 120.00 MHz

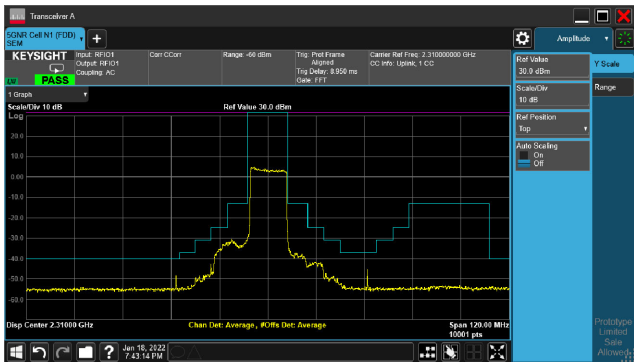
Start Freq	Stop Freq	Integ BW	dBm	dBm(dB)	Freq (Hz)	dBm	dBm(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	100.0 kHz	-54.25	(-41.25)	0.0	-19.90	(-2.90)	0.0
1.000 MHz	5.000 MHz	100.0 kHz	-53.83	(-40.83)	-1.000 M	-42.27	(-29.27)	1.000 M
5.000 MHz	9.000 MHz	100.0 kHz	-54.19	(-41.19)	-5.000 M	-53.70	(-40.70)	5.764 M
9.000 MHz	13.000 MHz	100.0 kHz	-54.30	(-41.30)	-10.000 M	-54.61	(-41.61)	9.224 M
13.000 MHz	17.000 MHz	100.0 kHz	-54.30	(-41.30)	-15.000 M	-54.05	(-41.05)	15.37 M
17.000 MHz	20.999 MHz	100.0 kHz	-48.94	(-35.94)	-19.999 M	-	-	17.000 M
20.999 MHz	26.999 MHz	100.0 kHz	-	-	-	-48.95	(-35.95)	19.73 M
26.999 MHz	30.999 MHz	100.0 kHz	-	-	-	-44.15	(-31.15)	24.03 M
30.999 MHz	50.999 MHz	100.0 kHz	-	-	-	-54.04	(-41.04)	29.90 M
50.999 MHz	60.999 MHz	100.0 kHz	-	-	-	-53.01	(-40.01)	47.14 M
60.999 MHz	80.999 MHz	100.0 kHz	-	-	-	-53.06	(-40.06)	59.07 M
101.0 MHz	101.0 MHz	100.0 kHz	-	-	-	-	-	(-)

5G NR n30\_CH462000\_10M\_pi/2 BPSK\_50RB0



Start Freq	Stop Freq	Integ BW	dBm	dBm(dB)	Freq (Hz)	dBm	dBm(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	100.0 kHz	-26.99	(-17.85)	0.0	-34.47	(-22.47)	213.0 K
1.000 MHz	5.000 MHz	100.0 kHz	-30.93	(-17.75)	-4.395 M	-28.89	(-23.98)	1.525 M
5.000 MHz	9.000 MHz	100.0 kHz	-31.60	(-16.60)	-6.088 M	-41.73	(-16.73)	7.766 M
9.000 MHz	13.000 MHz	100.0 kHz	-42.44	(-15.42)	-8.428 M	-42.03	(-16.03)	9.027 M
13.000 MHz	17.000 MHz	100.0 kHz	-49.10	(-12.10)	-13.238 M	-52.62	(-15.62)	13.00 M
17.000 MHz	22.000 MHz	100.0 kHz	-	(-)	-	-	(-)	-
22.000 MHz	26.000 MHz	100.0 kHz	-	(-)	-	-44.57	(-23.57)	25.06 M
26.000 MHz	30.000 MHz	100.0 kHz	-	(-)	-	-54.59	(-29.59)	29.27 M
30.000 MHz	50.000 MHz	100.0 kHz	-	(-)	-	-53.28	(-30.28)	38.34 M
50.000 MHz	60.000 MHz	100.0 kHz	-	(-)	-	-53.85	(-33.85)	55.61 M
101.0 MHz	101.0 MHz	100.0 kHz	-	(-)	-	-	(-)	-

5G NR n30\_CH462000\_10M\_pi/2 BPSK\_50RB2



Start Freq	Stop Freq	Integ BW	dBm	dBm(dB)	Freq (Hz)	dBm	dBm(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	100.0 kHz	-25.70	(-16.70)	0.0	-30.68	(-17.68)	0.0
1.000 MHz	5.000 MHz	100.0 kHz	-30.85	(-17.85)	-3.995 M	-37.47	(-24.47)	1.709 M
5.000 MHz	9.000 MHz	100.0 kHz	-32.11	(-17.11)	-6.193 M	-41.59	(-16.59)	6.626 M
9.000 MHz	13.000 MHz	100.0 kHz	-43.00	(-12.00)	-9.070 M	-47.74	(-16.74)	9.684 M
13.000 MHz	17.000 MHz	100.0 kHz	-42.50	(-12.50)	-13.028 M	-52.26	(-16.26)	13.16 M
17.000 MHz	22.000 MHz	100.0 kHz	-46.88	(-8.88)	-17.898 M	-	(-)	-
22.000 MHz	26.000 MHz	100.0 kHz	-	(-)	-	-48.88	(-18.88)	19.73 M
26.000 MHz	30.000 MHz	100.0 kHz	-	(-)	-	-54.22	(-24.22)	25.23 M
30.000 MHz	50.000 MHz	100.0 kHz	-	(-)	-	-53.84	(-28.84)	27.46 M
50.000 MHz	60.000 MHz	100.0 kHz	-	(-)	-	-53.15	(-30.15)	43.46 M
101.0 MHz	101.0 MHz	100.0 kHz	-	(-)	-	-53.99	(-33.99)	51.24 M