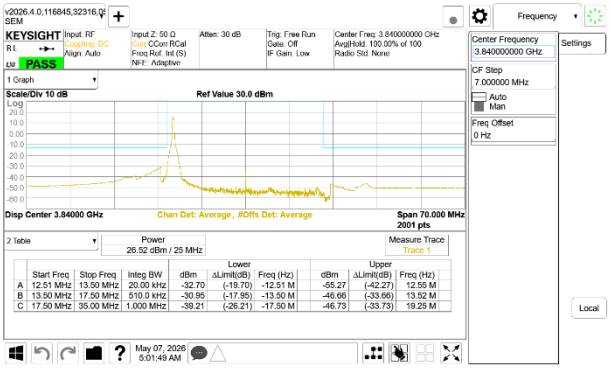
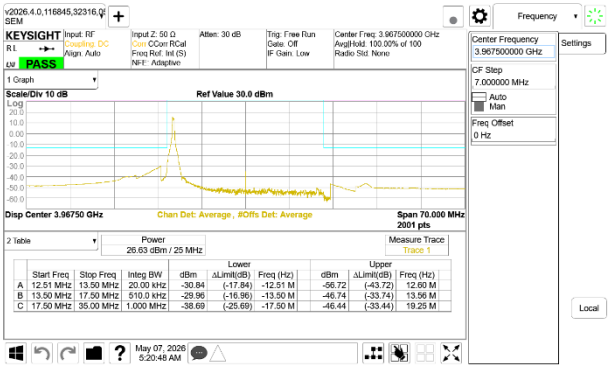
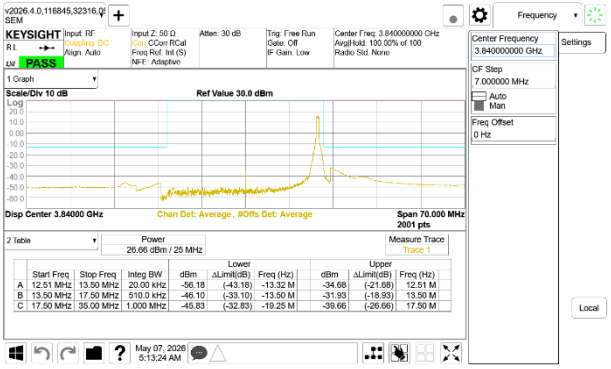


5G NR n77 25MHz BPSK Middle Channel RB1-0



5G NR n77 25MHz BPSK High Channel RB1-0



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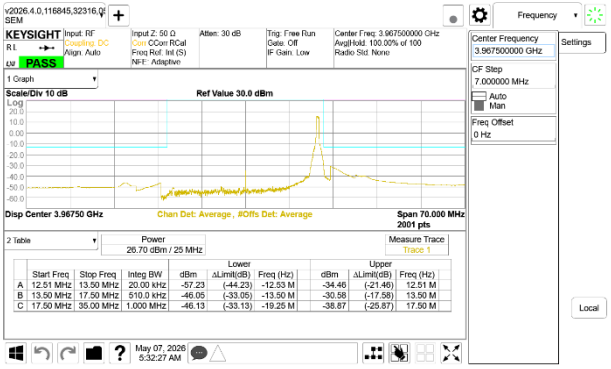
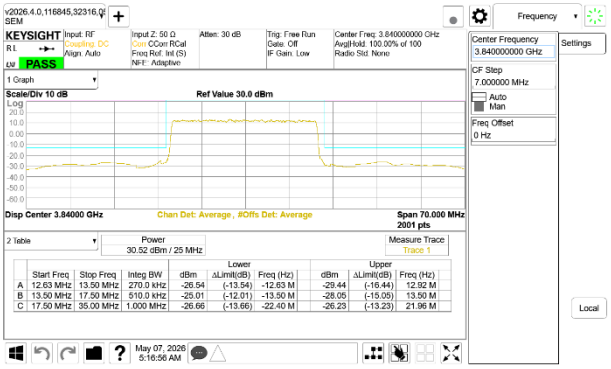
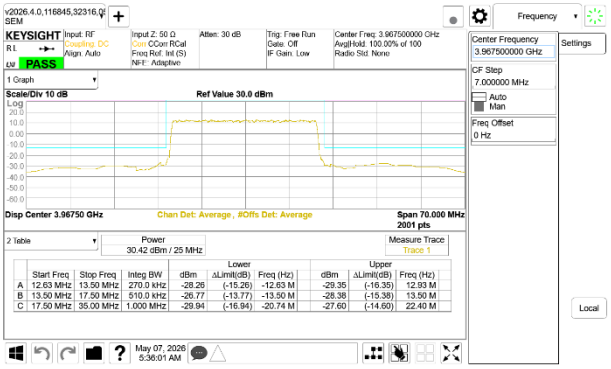


5G NR n77 25MHz BPSK High Channel RB1-64



5G NR n77 25MHz BPSK Middle Channel RB64-0



5G NR n77 25MHz BPSK High Channel RB64-0

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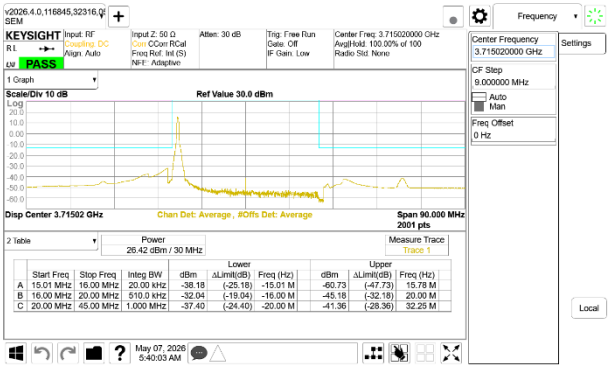
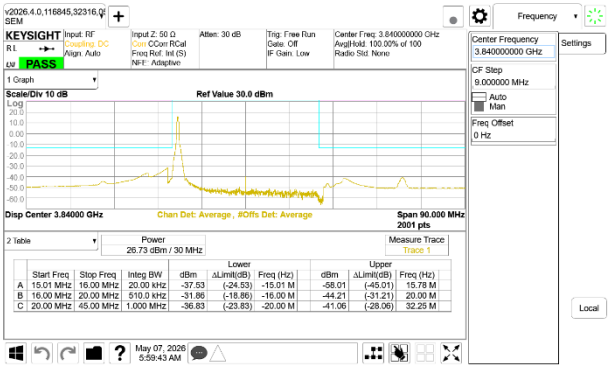
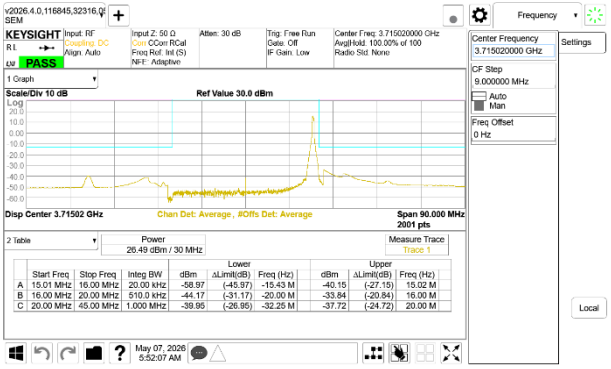


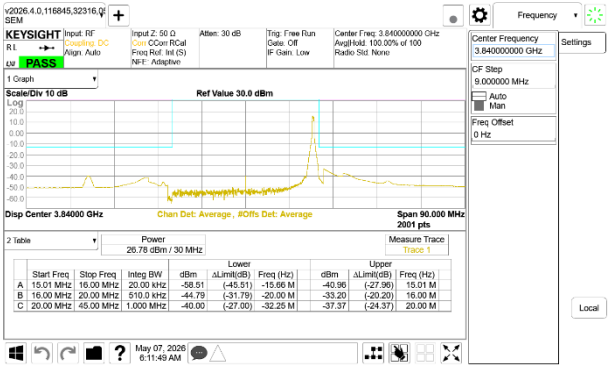
5G NR n77 30MHz BPSK Low Channel RB1-0



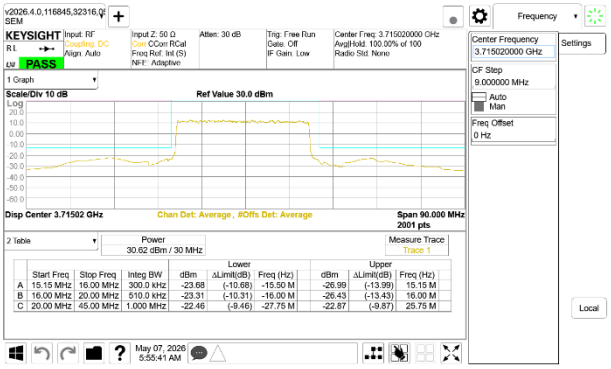
5G NR n77 30MHz BPSK Middle Channel RB1-0



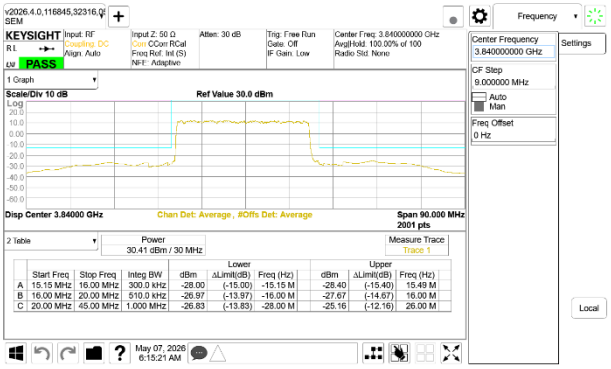
5G NR n77 30MHz BPSK Low Channel RB1-77



5G NR n77 30MHz BPSK Middle Channel RB1-77



5G NR n77 30MHz BPSK Low Channel RB75-0



5G NR n77 30MHz BPSK Middle Channel RB75-0

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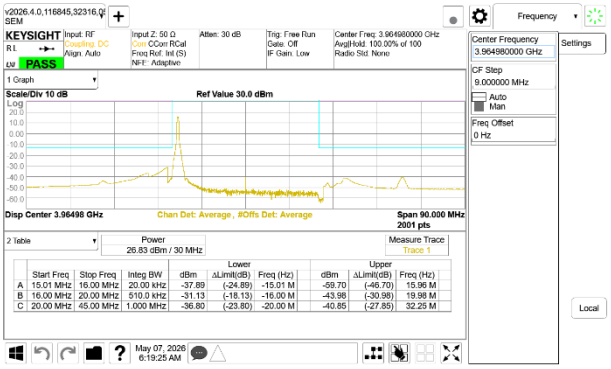
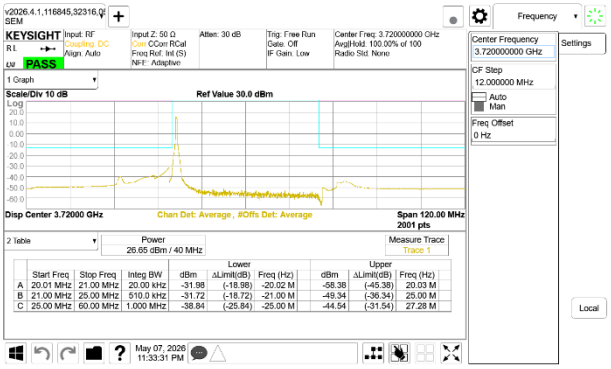
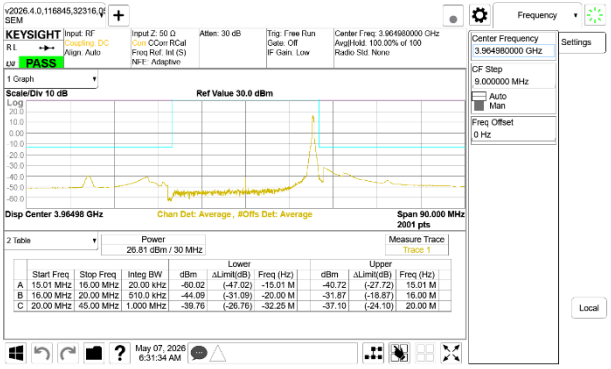


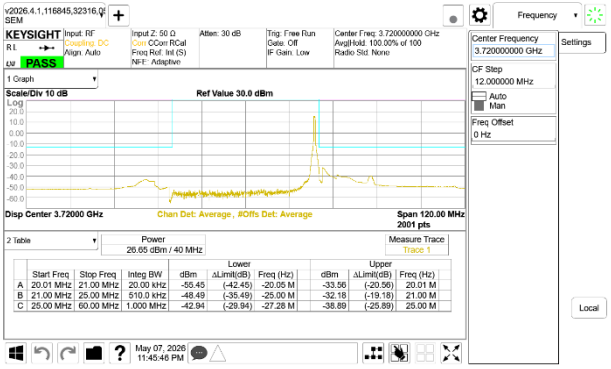
5G NR n77 30MHz BPSK High Channel RB1-0



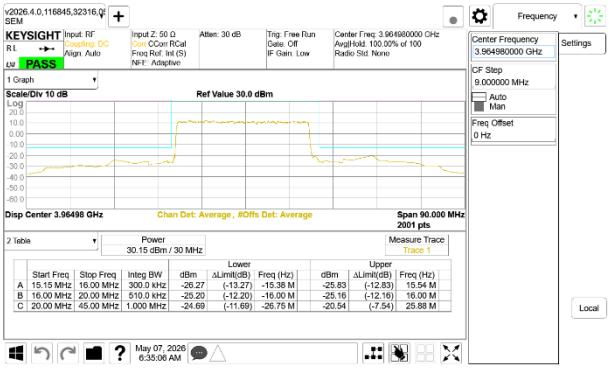
5G NR n77 40MHz BPSK Low Channel RB1-0



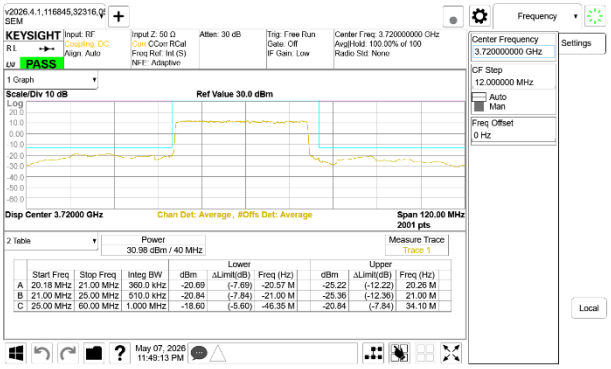
5G NR n77 30MHz BPSK High Channel RB1-77



5G NR n77 40MHz BPSK Low Channel RB1-105



5G NR n77 30MHz BPSK High Channel RB75-0



5G NR n77 40MHz BPSK Low Channel RB100-0

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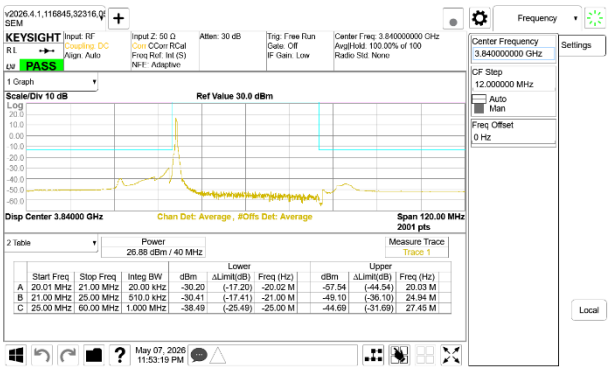
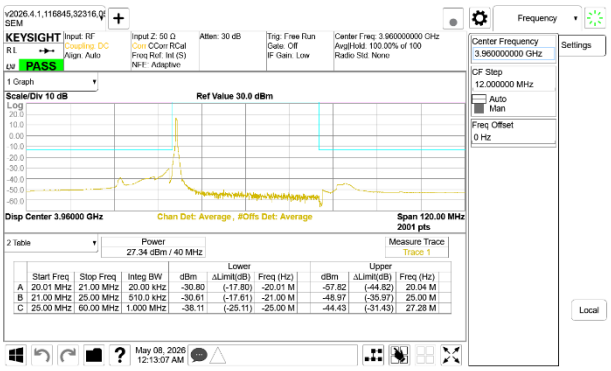


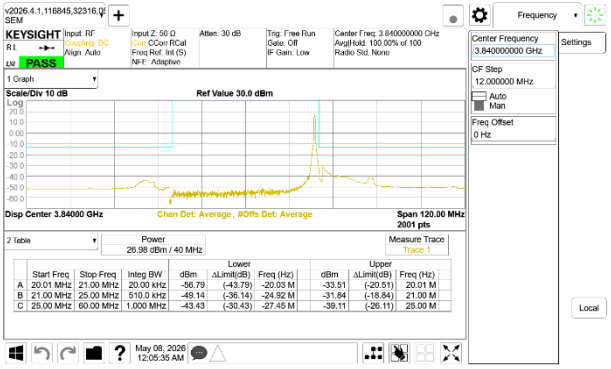
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	20.01 MHz	21.00 MHz	20.00 kHz	-30.20	(-17.20)	-20.02 M	-57.54	(-44.54)	20.03 M
B	21.00 MHz	25.00 MHz	510.0 kHz	-30.41	(-17.41)	-21.00 M	-49.10	(-36.10)	24.94 M
C	25.00 MHz	60.00 MHz	1.000 MHz	-38.49	(-25.49)	-25.00 M	-44.69	(-31.69)	27.45 M

5G NR n77 40MHz BPSK Middle Channel RB1-0



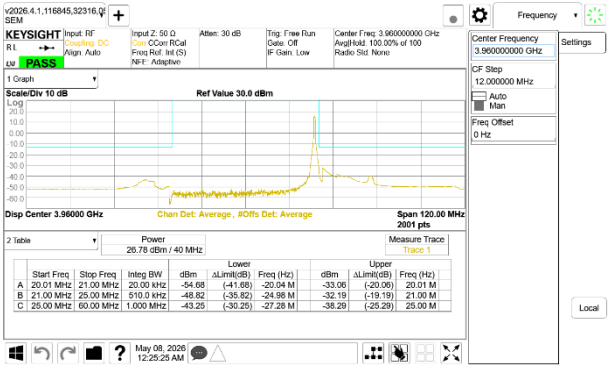
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	20.01 MHz	21.00 MHz	20.00 kHz	-30.80	(-17.80)	-20.01 M	-57.82	(-44.82)	20.04 M
B	21.00 MHz	25.00 MHz	510.0 kHz	-30.61	(-17.61)	-21.00 M	-48.97	(-35.97)	25.00 M
C	25.00 MHz	60.00 MHz	1.000 MHz	-38.11	(-25.11)	-25.00 M	-44.43	(-31.43)	27.28 M

5G NR n77 40MHz BPSK High Channel RB1-0



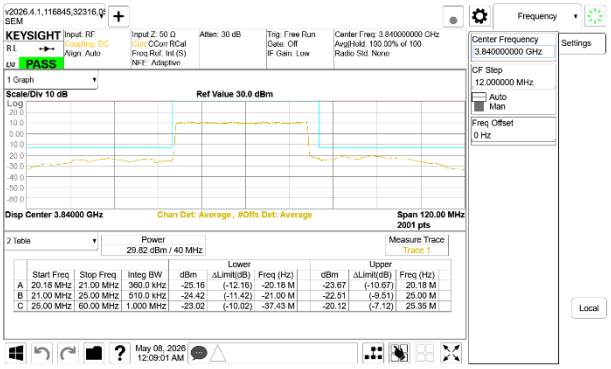
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	20.01 MHz	21.00 MHz	20.00 kHz	-56.79	(-43.79)	-20.03 M	-33.51	(-20.51)	20.01 M
B	21.00 MHz	25.00 MHz	510.0 kHz	-49.14	(-36.14)	-24.92 M	-31.84	(-18.84)	21.00 M
C	25.00 MHz	60.00 MHz	1.000 MHz	-43.43	(-30.43)	-27.45 M	-39.11	(-26.11)	25.00 M

5G NR n77 40MHz BPSK Middle Channel RB1-105



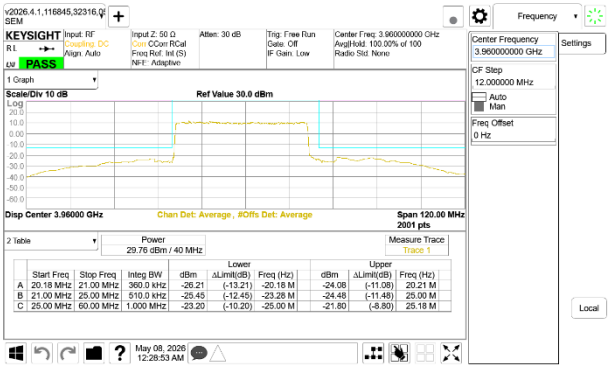
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	20.01 MHz	21.00 MHz	20.00 kHz	-54.68	(-41.68)	-20.04 M	-33.06	(-20.06)	20.01 M
B	21.00 MHz	25.00 MHz	510.0 kHz	-48.82	(-35.82)	-24.98 M	-32.19	(-19.19)	21.00 M
C	25.00 MHz	60.00 MHz	1.000 MHz	-43.25	(-30.25)	-27.28 M	-38.29	(-25.29)	25.00 M

5G NR n77 40MHz BPSK High Channel RB1-105



	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	20.18 MHz	21.00 MHz	360.0 kHz	-25.16	(-12.16)	-20.18 M	-23.67	(-10.67)	20.18 M
B	21.00 MHz	25.00 MHz	510.0 kHz	-24.42	(-11.42)	-21.00 M	-22.51	(-9.51)	25.00 M
C	25.00 MHz	60.00 MHz	1.000 MHz	-23.02	(-10.02)	-37.43 M	-20.12	(-7.12)	25.35 M

5G NR n77 40MHz BPSK Middle Channel RB100-0



	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	20.18 MHz	21.00 MHz	360.0 kHz	-26.21	(-13.21)	-20.18 M	-24.08	(-11.08)	20.21 M
B	21.00 MHz	25.00 MHz	510.0 kHz	-25.45	(-12.45)	-23.28 M	-24.48	(-11.48)	25.00 M
C	25.00 MHz	60.00 MHz	1.000 MHz	-23.20	(-10.20)	-25.00 M	-21.80	(-8.80)	25.18 M

5G NR n77 40MHz BPSK High Channel RB100-0

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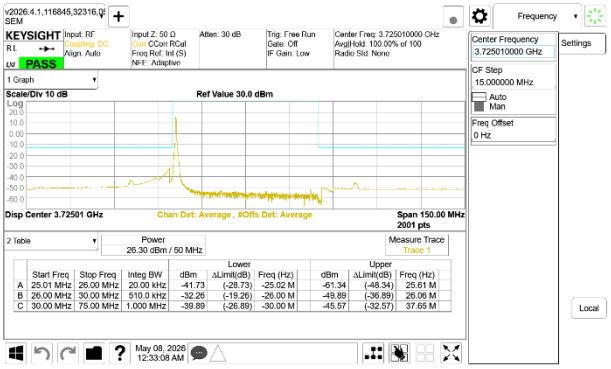
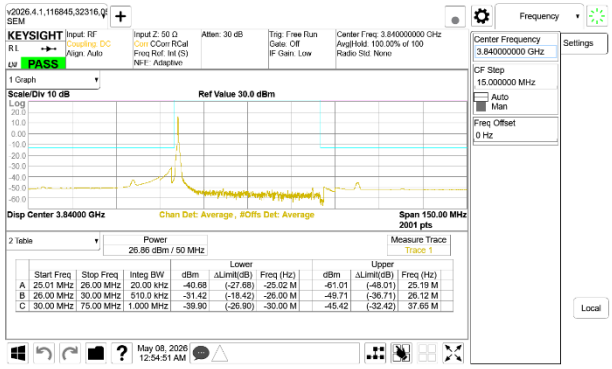
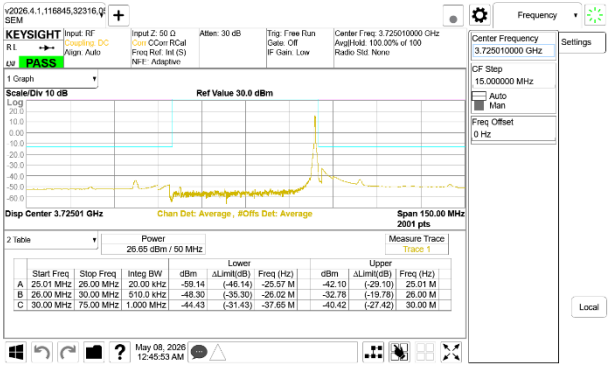


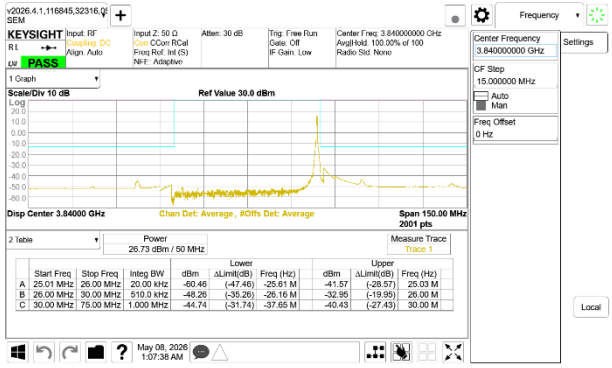
5G NR n77 50MHz BPSK Low Channel RB1-0



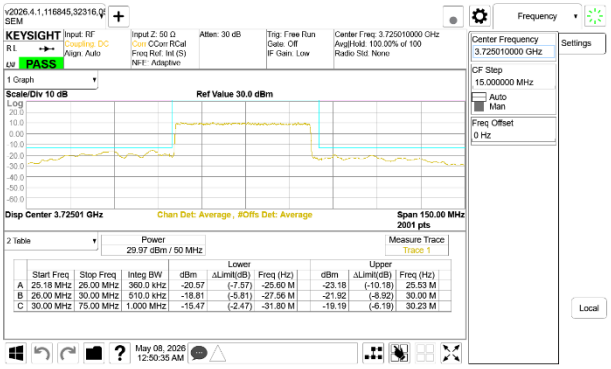
5G NR n77 50MHz BPSK Middle Channel RB1-0



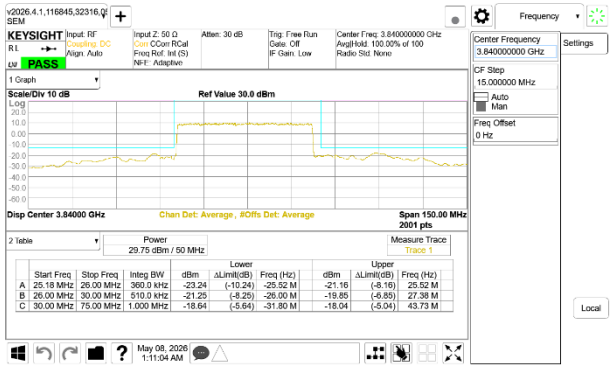
5G NR n77 50MHz BPSK Low Channel RB1-132



5G NR n77 50MHz BPSK Middle Channel RB1-132



5G NR n77 50MHz BPSK Low Channel RB128-0



5G NR n77 50MHz BPSK Middle Channel RB128-0

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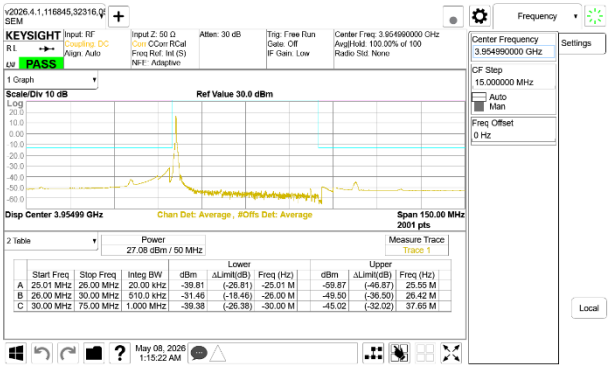
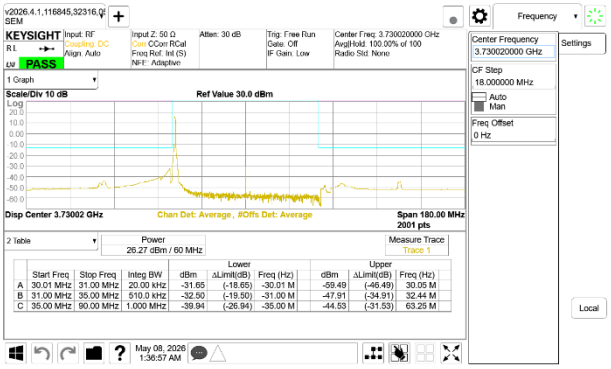
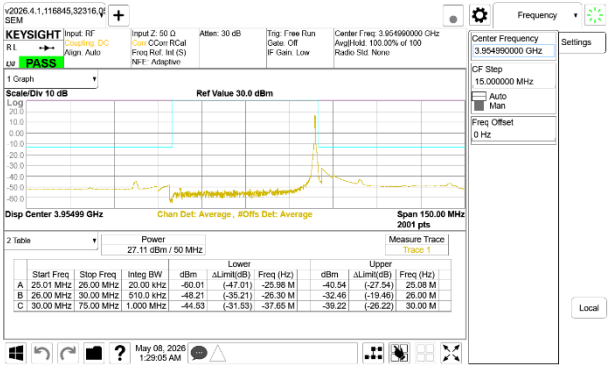


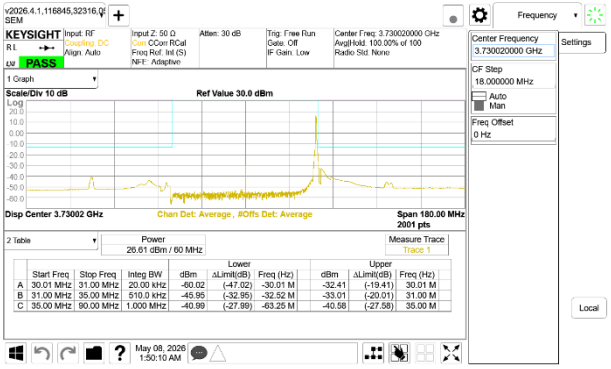
5G NR n77 50MHz BPSK High Channel RB1-0



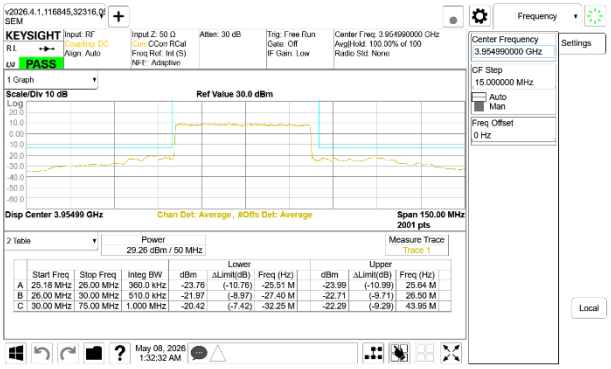
5G NR n77 60MHz BPSK Low Channel RB1-0



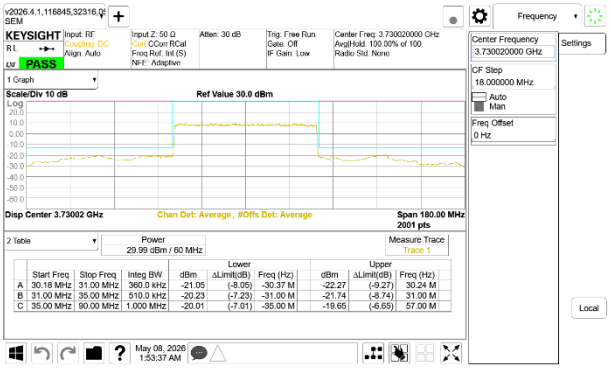
5G NR n77 50MHz BPSK High Channel RB1-132



5G NR n77 60MHz BPSK Low Channel RB1-161



5G NR n77 50MHz BPSK High Channel RB128-0



5G NR n77 60MHz BPSK Low Channel RB162-0

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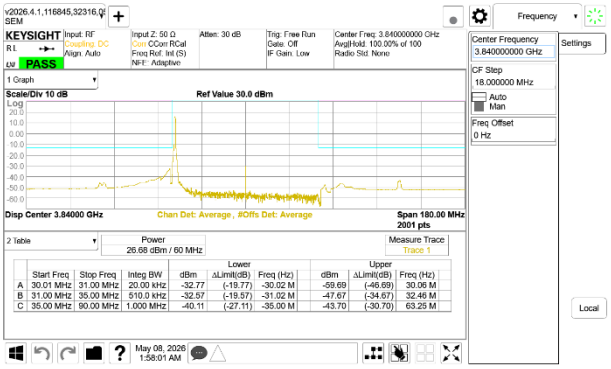
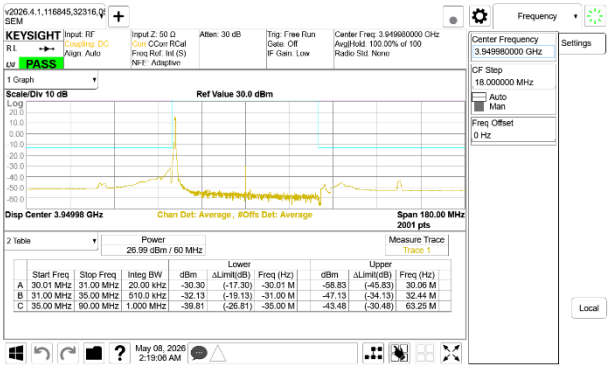
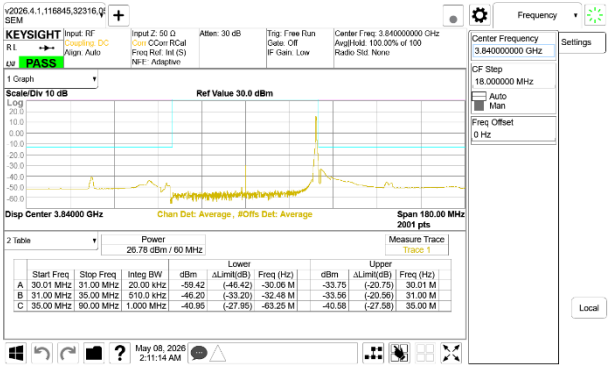


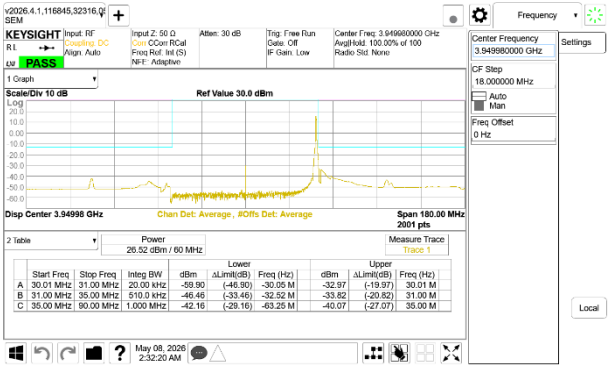
5G NR n77 60MHz BPSK Middle Channel RB1-0



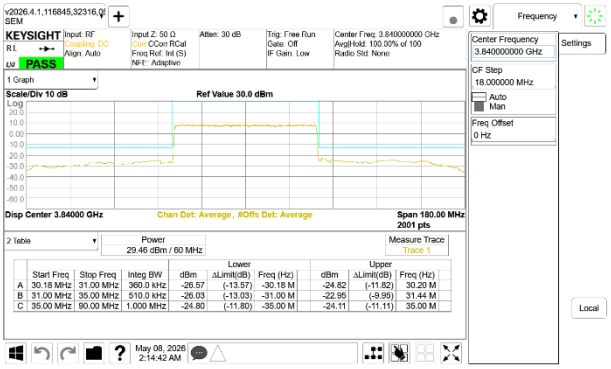
5G NR n77 60MHz BPSK High Channel RB1-0



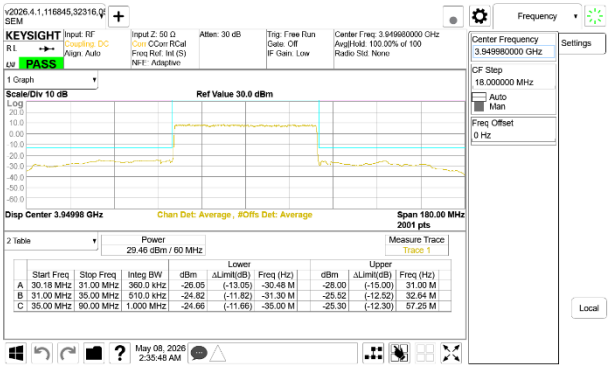
5G NR n77 60MHz BPSK Middle Channel RB1-161



5G NR n77 60MHz BPSK High Channel RB1-161



5G NR n77 60MHz BPSK Middle Channel RB162-0



5G NR n77 60MHz BPSK High Channel RB162-0

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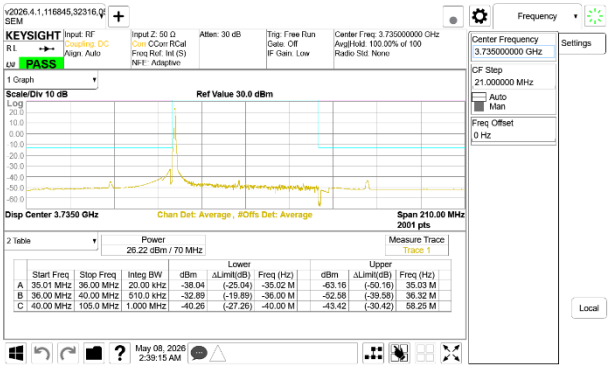
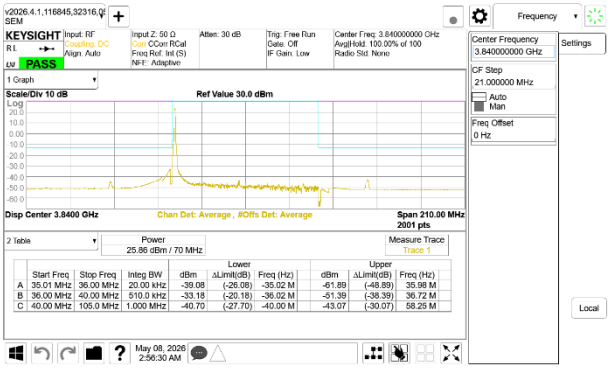


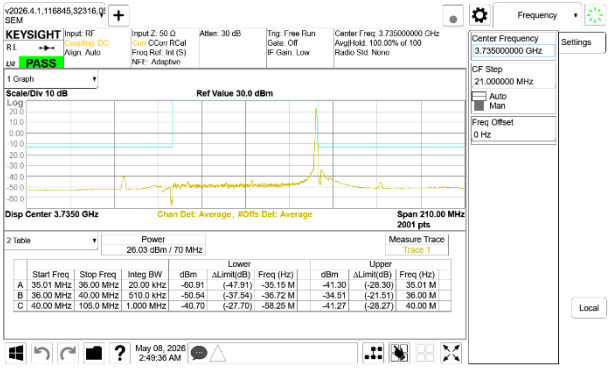
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	35.01 MHz	36.00 MHz	20.00 kHz	-38.04	(-25.04)	-35.02 M	-63.16	(-50.16)	35.03 M
B	36.00 MHz	40.00 MHz	510.0 kHz	-32.89	(-19.89)	-36.00 M	-52.58	(-39.58)	36.32 M
C	40.00 MHz	105.0 MHz	1.000 MHz	-40.26	(-27.26)	-40.00 M	-43.42	(-30.42)	58.25 M

5G NR n77 70MHz BPSK Low Channel RB1-0



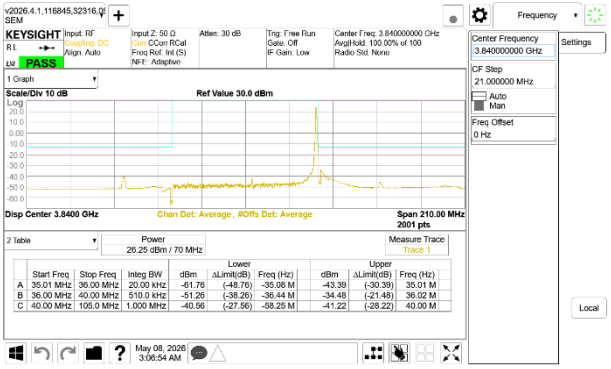
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	35.01 MHz	36.00 MHz	20.00 kHz	-39.08	(-26.08)	-35.02 M	-61.89	(-48.89)	35.98 M
B	36.00 MHz	40.00 MHz	510.0 kHz	-33.18	(-20.18)	-36.02 M	-51.39	(-38.39)	36.72 M
C	40.00 MHz	105.0 MHz	1.000 MHz	-40.70	(-27.70)	-40.00 M	-43.07	(-30.07)	58.25 M

5G NR n77 70MHz BPSK Middle Channel RB1-0



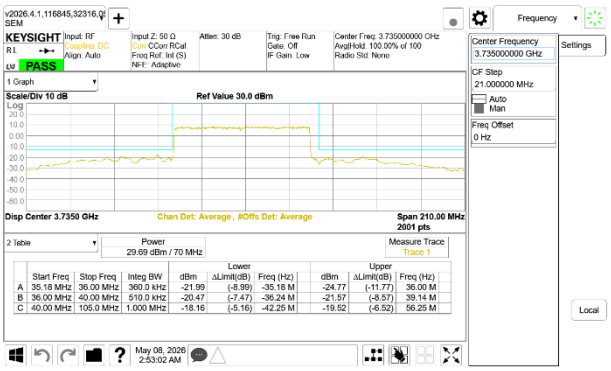
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	35.01 MHz	36.00 MHz	20.00 kHz	-60.91	(-47.91)	-35.15 M	-41.30	(-28.30)	35.01 M
B	36.00 MHz	40.00 MHz	510.0 kHz	-50.54	(-37.54)	-36.72 M	-34.51	(-21.51)	36.00 M
C	40.00 MHz	105.0 MHz	1.000 MHz	-40.70	(-27.70)	-58.25 M	-41.27	(-28.27)	40.00 M

5G NR n77 70MHz BPSK Low Channel RB1-188



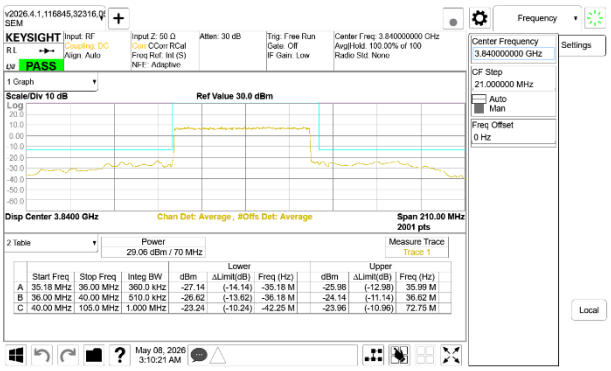
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	35.01 MHz	36.00 MHz	20.00 kHz	-61.76	(-48.76)	-35.08 M	-43.39	(-30.39)	35.01 M
B	36.00 MHz	40.00 MHz	510.0 kHz	-51.26	(-38.26)	-36.44 M	-34.48	(-21.48)	36.02 M
C	40.00 MHz	105.0 MHz	1.000 MHz	-40.56	(-27.56)	-58.25 M	-41.22	(-28.22)	40.00 M

5G NR n77 70MHz BPSK Middle Channel RB1-188



	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	35.18 MHz	36.00 MHz	360.0 kHz	-21.99	(-8.99)	-35.18 M	-24.77	(-11.77)	36.00 M
B	36.00 MHz	40.00 MHz	510.0 kHz	-20.47	(-7.47)	-36.24 M	-21.57	(-8.57)	39.14 M
C	40.00 MHz	105.0 MHz	1.000 MHz	-18.16	(-5.16)	-42.25 M	-19.52	(-6.52)	56.25 M

5G NR n77 70MHz BPSK Low Channel RB180-0



	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	35.18 MHz	36.00 MHz	360.0 kHz	-27.14	(-14.14)	-35.18 M	-25.98	(-12.98)	35.99 M
B	36.00 MHz	40.00 MHz	510.0 kHz	-26.62	(-13.62)	-36.18 M	-24.14	(-11.14)	36.62 M
C	40.00 MHz	105.0 MHz	1.000 MHz	-23.24	(-10.24)	-42.25 M	-23.96	(-10.96)	72.75 M

5G NR n77 70MHz BPSK Middle Channel RB180-0

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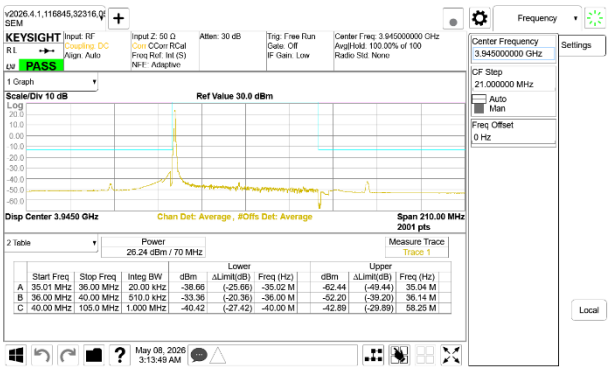
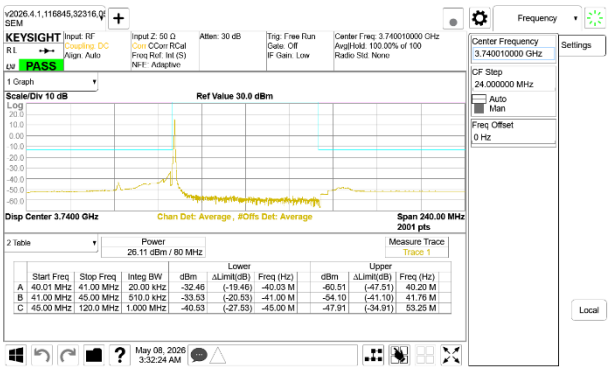
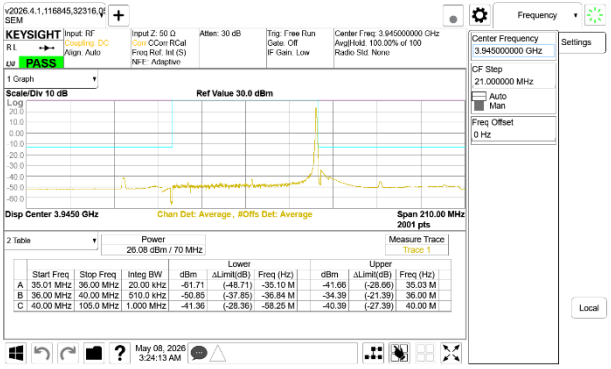


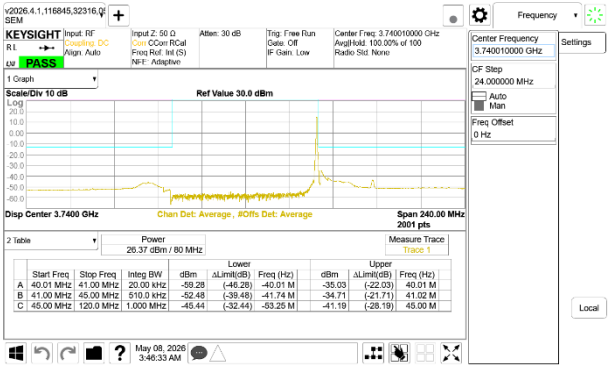
5G NR n77 70MHz BPSK High Channel RB1-0



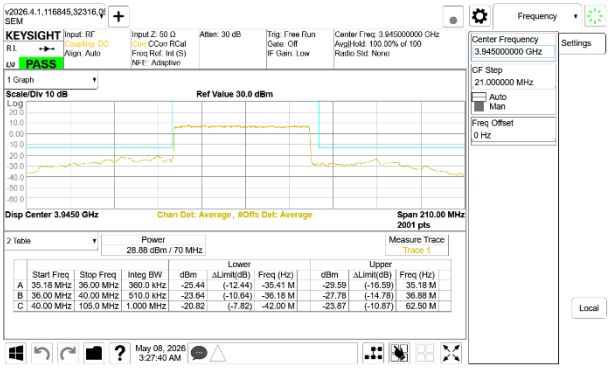
5G NR n77 80MHz BPSK Low Channel RB1-0



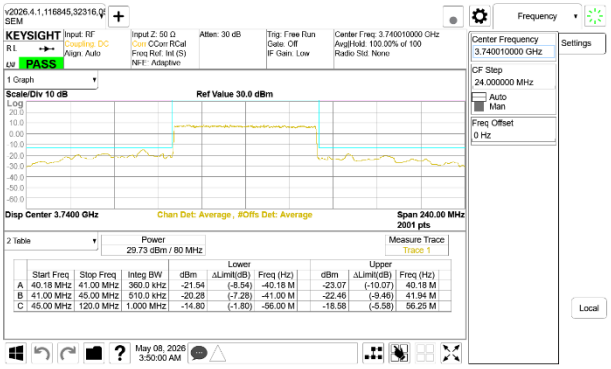
5G NR n77 70MHz BPSK High Channel RB1-188



5G NR n77 80MHz BPSK Low Channel RB1-216



5G NR n77 70MHz BPSK High Channel RB180-0



5G NR n77 80MHz BPSK Low Channel RB216-0

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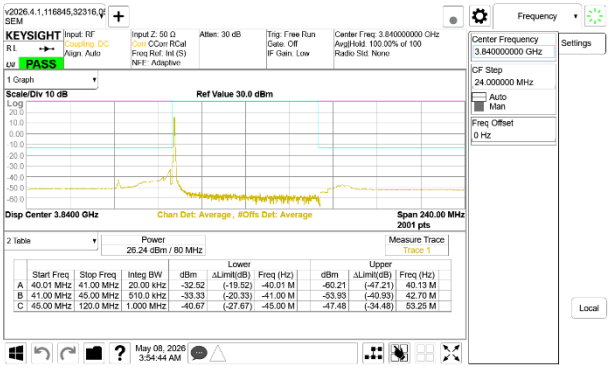
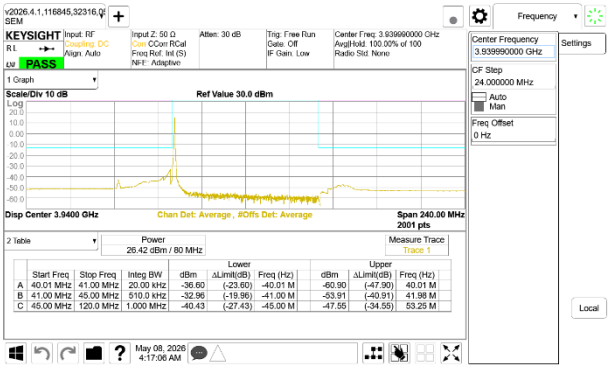
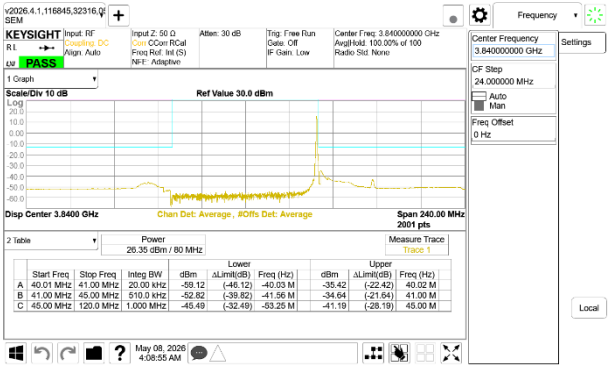


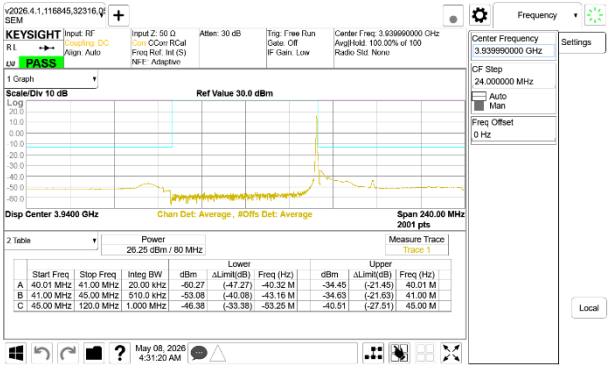
5G NR n77 80MHz BPSK Middle Channel RB1-0



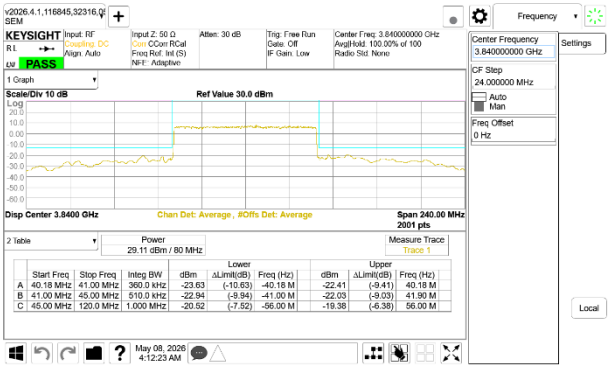
5G NR n77 80MHz BPSK High Channel RB1-0



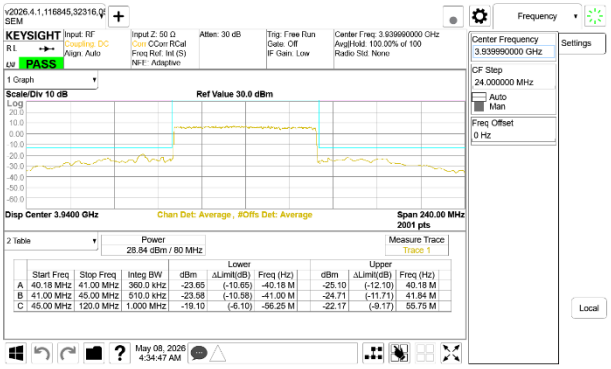
5G NR n77 80MHz BPSK Middle Channel RB1-216



5G NR n77 80MHz BPSK High Channel RB1-216



5G NR n77 80MHz BPSK Middle Channel RB216-0



5G NR n77 80MHz BPSK High Channel RB216-0

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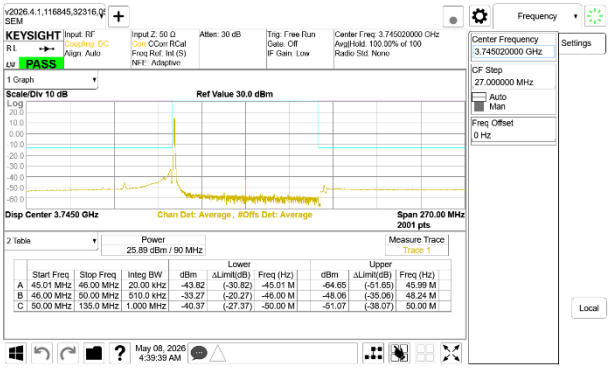
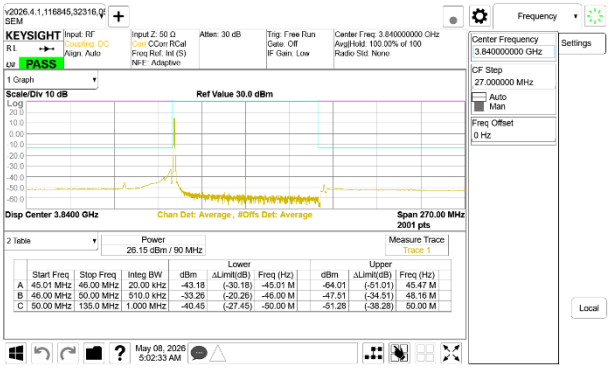
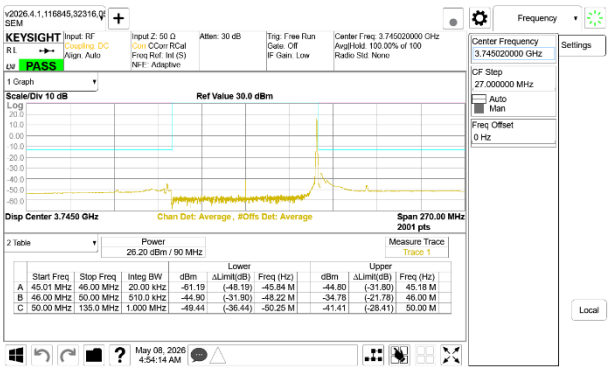


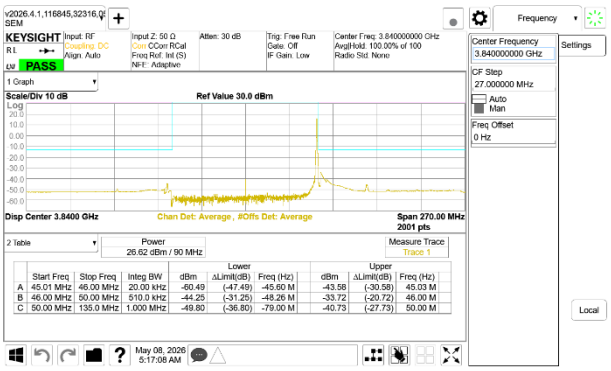
5G NR n77 90MHz BPSK Low Channel RB1-0



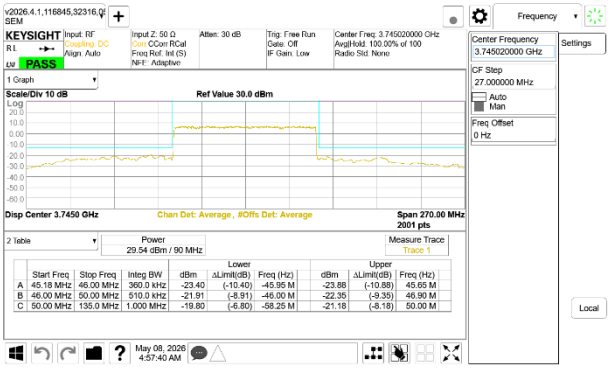
5G NR n77 90MHz BPSK Middle Channel RB1-0



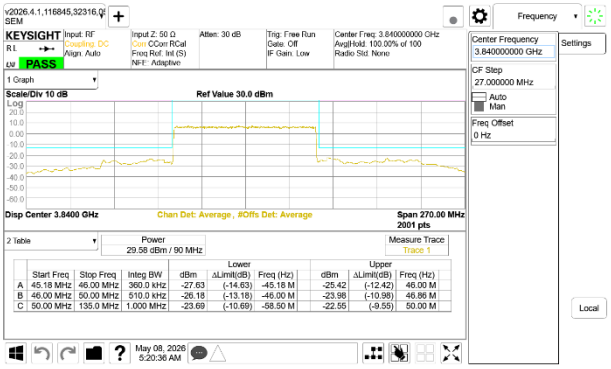
5G NR n77 90MHz BPSK Low Channel RB1-244



5G NR n77 90MHz BPSK Middle Channel RB1-244



5G NR n77 90MHz BPSK Low Channel RB243-0



5G NR n77 90MHz BPSK Middle Channel RB243-0

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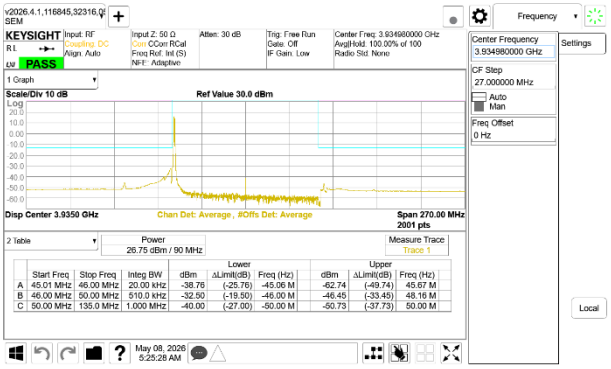
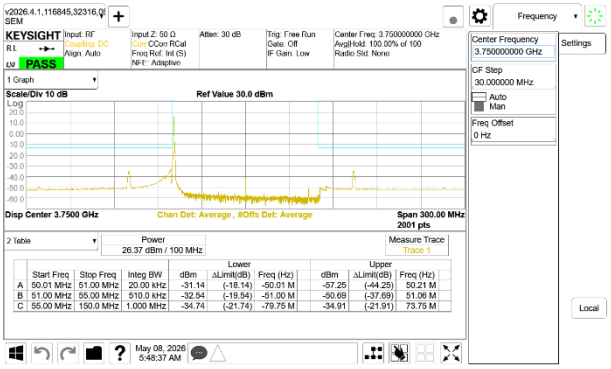
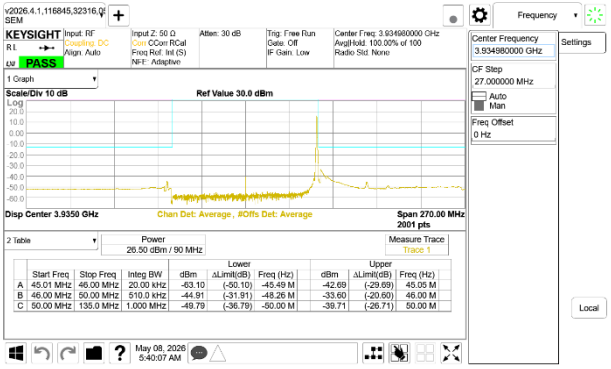


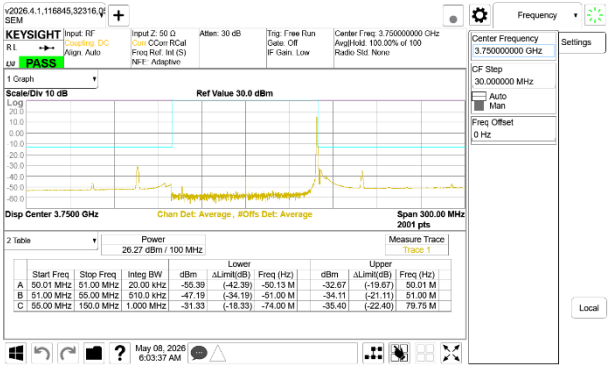
5G NR n77 90MHz BPSK High Channel RB1-0



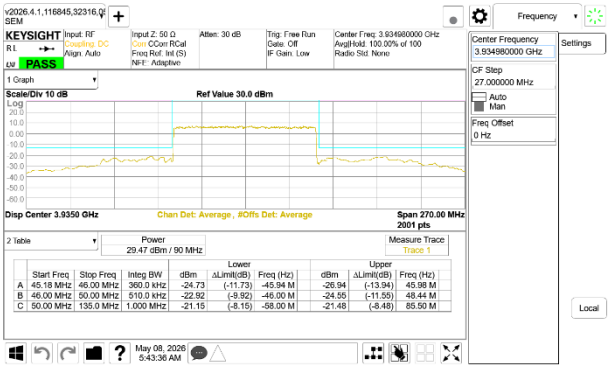
5G NR n77 100MHz BPSK Low Channel RB1-0



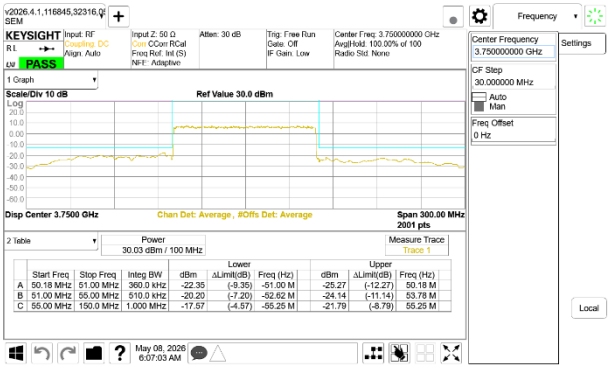
5G NR n77 90MHz BPSK High Channel RB1-244



5G NR n77 100MHz BPSK Low Channel RB1-272



5G NR n77 90MHz BPSK High Channel RB243-0



5G NR n77 100MHz BPSK Low Channel RB270-0

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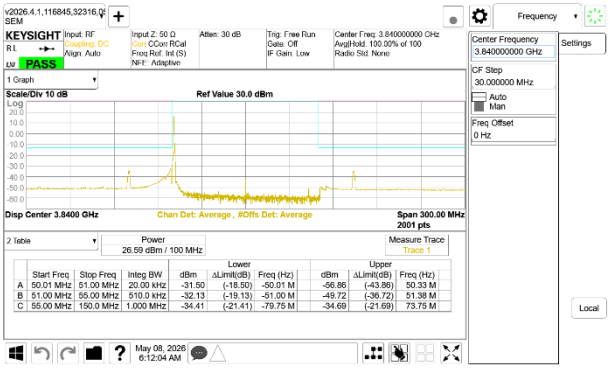
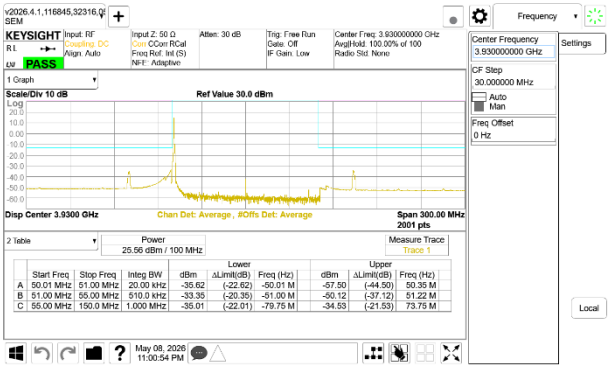


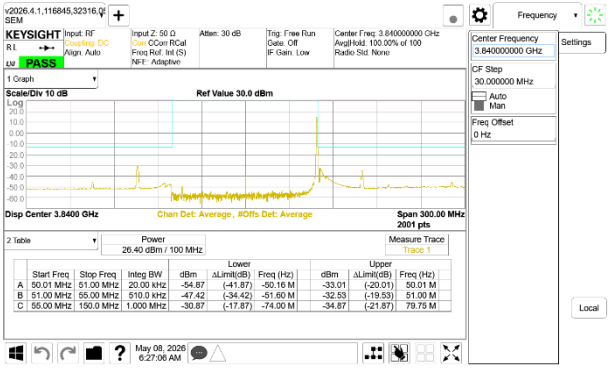
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	50.01 MHz	51.00 MHz	20.00 kHz	-31.50	(-18.50)	-50.01 M	-56.86	(-43.86)	50.33 M
B	51.00 MHz	55.00 MHz	510.0 kHz	-32.13	(-19.13)	-51.00 M	-49.72	(-36.72)	51.38 M
C	55.00 MHz	150.0 MHz	1.000 MHz	-34.41	(-21.41)	-79.75 M	-34.69	(-21.69)	73.75 M

5G NR n77 100MHz BPSK Middle Channel RB1-0



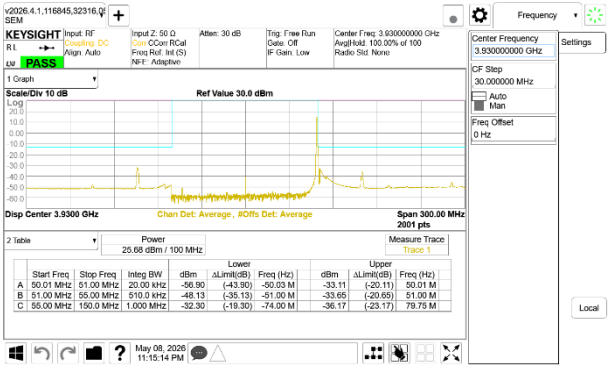
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	50.01 MHz	51.00 MHz	20.00 kHz	-35.62	(-22.62)	-50.01 M	-57.50	(-44.50)	50.35 M
B	51.00 MHz	55.00 MHz	510.0 kHz	-33.35	(-20.35)	-51.00 M	-50.12	(-37.12)	51.22 M
C	55.00 MHz	150.0 MHz	1.000 MHz	-35.01	(-22.01)	-79.75 M	-34.53	(-21.53)	73.75 M

5G NR n77 100MHz BPSK High Channel RB1-0



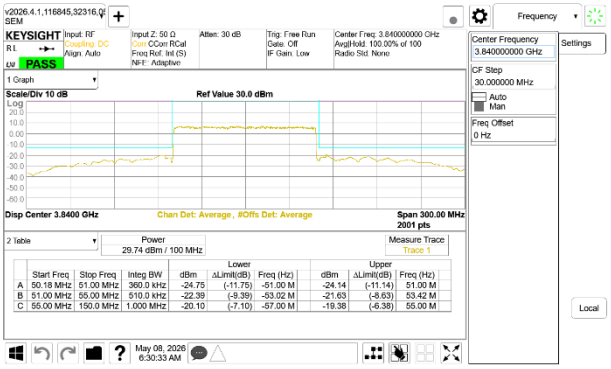
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	50.01 MHz	51.00 MHz	20.00 kHz	-54.87	(-41.87)	-50.16 M	-33.01	(-20.01)	50.01 M
B	51.00 MHz	55.00 MHz	510.0 kHz	-47.42	(-34.42)	-51.60 M	-32.53	(-19.53)	51.00 M
C	55.00 MHz	150.0 MHz	1.000 MHz	-30.87	(-17.87)	-74.00 M	-34.87	(-21.87)	79.75 M

5G NR n77 100MHz BPSK Middle Channel RB1-272



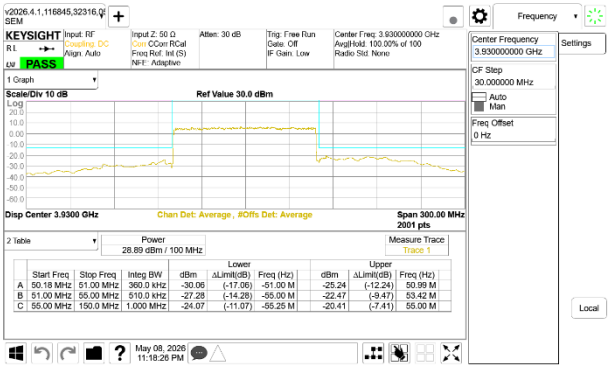
	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	50.01 MHz	51.00 MHz	20.00 kHz	-56.90	(-43.90)	-50.03 M	-33.11	(-20.11)	50.01 M
B	51.00 MHz	55.00 MHz	510.0 kHz	-48.13	(-35.13)	-51.00 M	-33.65	(-20.65)	51.00 M
C	55.00 MHz	150.0 MHz	1.000 MHz	-32.30	(-19.30)	-74.00 M	-36.17	(-23.17)	79.75 M

5G NR n77 100MHz BPSK High Channel RB1-272



	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	50.18 MHz	51.00 MHz	360.0 kHz	-24.75	(-11.75)	-51.00 M	-24.14	(-11.14)	51.00 M
B	51.00 MHz	55.00 MHz	510.0 kHz	-22.39	(-9.39)	-53.02 M	-21.63	(-8.63)	53.42 M
C	55.00 MHz	150.0 MHz	1.000 MHz	-20.10	(-7.10)	-57.00 M	-19.38	(-6.38)	55.00 M

5G NR n77 100MHz BPSK Middle Channel RB270-0



	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLimit(dB)	Lower Freq (Hz)	dBm	Upper ΔLimit(dB)	Upper Freq (Hz)
A	50.18 MHz	51.00 MHz	360.0 kHz	-30.06	(-17.06)	-51.00 M	-25.24	(-12.24)	50.99 M
B	51.00 MHz	55.00 MHz	510.0 kHz	-27.28	(-14.28)	-55.00 M	-22.47	(-9.47)	53.42 M
C	55.00 MHz	150.0 MHz	1.000 MHz	-24.07	(-11.07)	-55.25 M	-20.41	(-7.41)	55.00 M

5G NR n77 100MHz BPSK High Channel RB270-0

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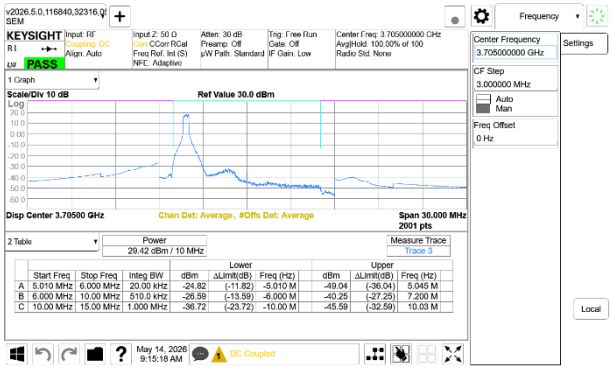
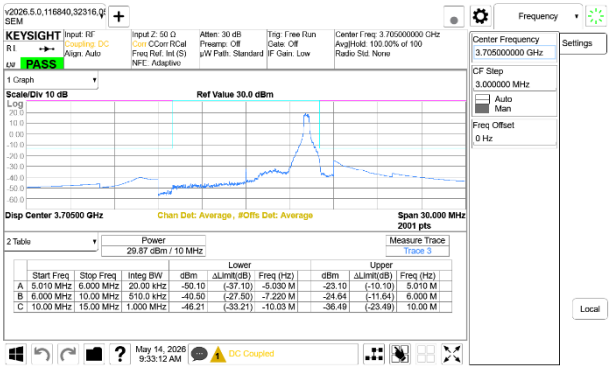
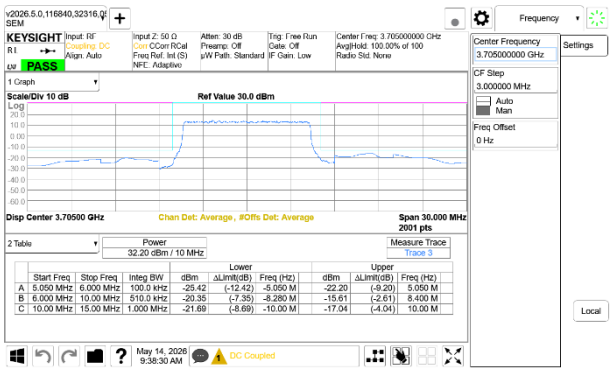
9.2.4. 5G NR n77 (FCC Part 27 3700-3980MHz, MIMO)



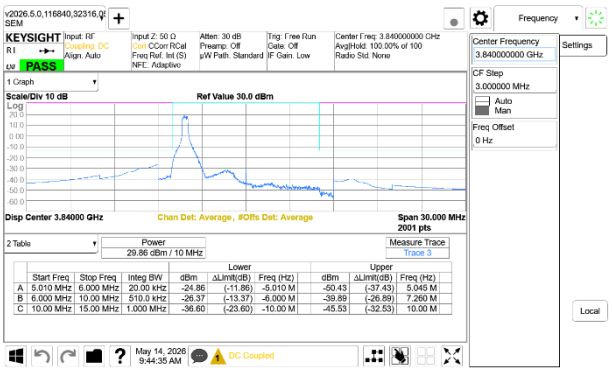
5G NR n77 10MHz BPSK Low Channel RB1-0 Ant7+Ant8



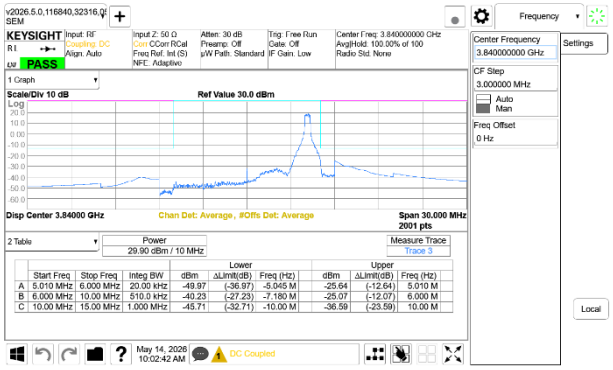
5G NR n77 10MHz BPSK Low Channel RB1-23 Ant7+Ant8



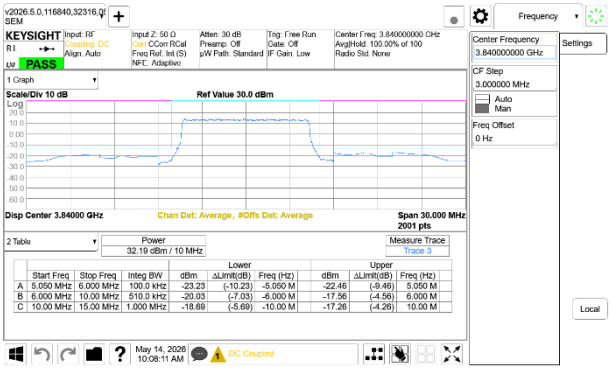
5G NR n77 10MHz BPSK Low Channel RB24-0 Ant7+Ant8



5G NR n77 10MHz BPSK Mid Channel RB1-0 Ant7+Ant8



5G NR n77 10MHz BPSK Mid Channel RB1-23 Ant7+Ant8



5G NR n77 10MHz BPSK Mid Channel RB24-0 Ant7+Ant8

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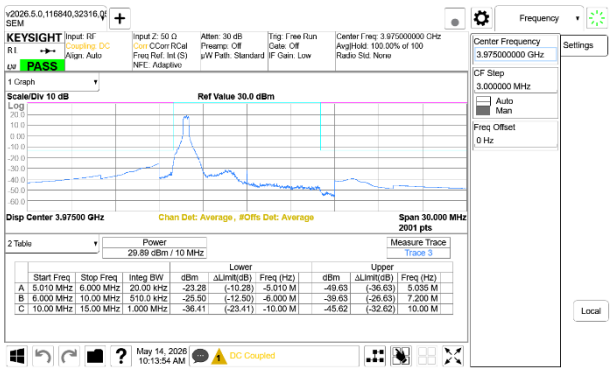
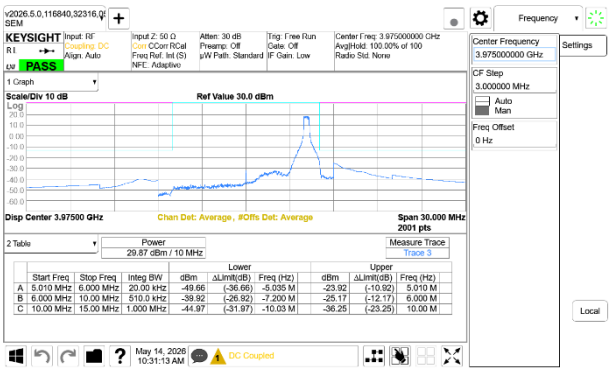


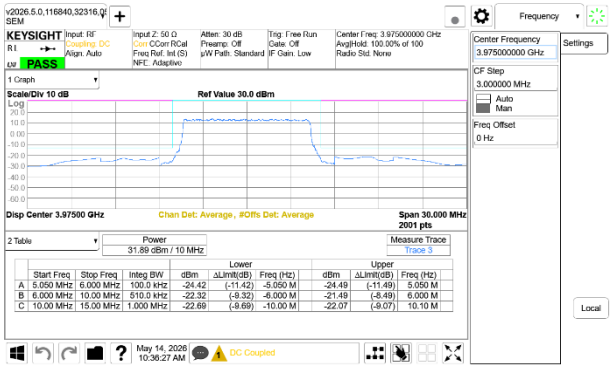
	Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)
				Lower			Upper		
A	5.010 MHz	6.000 MHz	20.00 kHz	-23.28	(-10.28)	-5.010 M	-49.63	(-36.63)	5.035 M
B	6.000 MHz	10.00 MHz	510.0 kHz	-25.50	(-12.50)	-6.000 M	-39.63	(-26.63)	7.200 M
C	10.00 MHz	15.00 MHz	1.000 MHz	-36.41	(-23.41)	-10.00 M	-45.62	(-32.62)	10.00 M

5G NR n77 10MHz BPSK High Channel RB1-0 Ant7+Ant8



	Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)
				Lower			Upper		
A	5.010 MHz	6.000 MHz	20.00 kHz	-49.66	(-36.66)	-5.035 M	-23.92	(-10.92)	5.010 M
B	6.000 MHz	10.00 MHz	510.0 kHz	-39.92	(-26.92)	-7.200 M	-25.17	(-12.17)	6.000 M
C	10.00 MHz	15.00 MHz	1.000 MHz	-44.97	(-31.97)	-10.03 M	-36.25	(-23.25)	10.00 M

5G NR n77 10MHz BPSK High Channel RB1-23 Ant7+Ant8



	Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)
				Lower			Upper		
A	5.050 MHz	6.000 MHz	100.0 kHz	-24.42	(-11.42)	-5.050 M	-24.49	(-11.49)	5.050 M
B	6.000 MHz	10.00 MHz	510.0 kHz	-22.32	(-9.32)	-6.000 M	-21.49	(-8.49)	6.000 M
C	10.00 MHz	15.00 MHz	1.000 MHz	-22.69	(-9.69)	-10.00 M	-22.07	(-9.07)	10.10 M

5G NR n77 10MHz BPSK High Channel RB24-0 Ant7+Ant8

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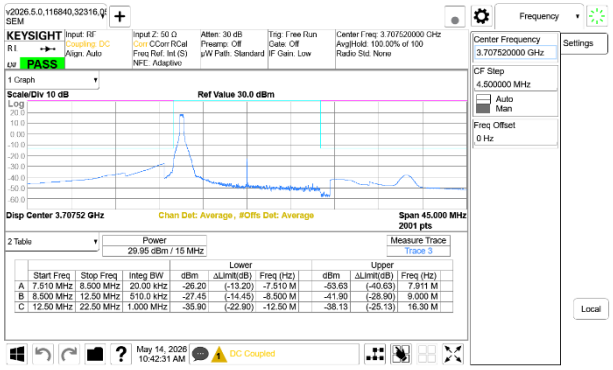
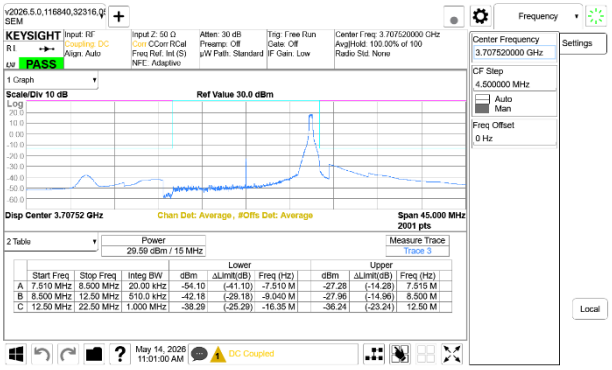
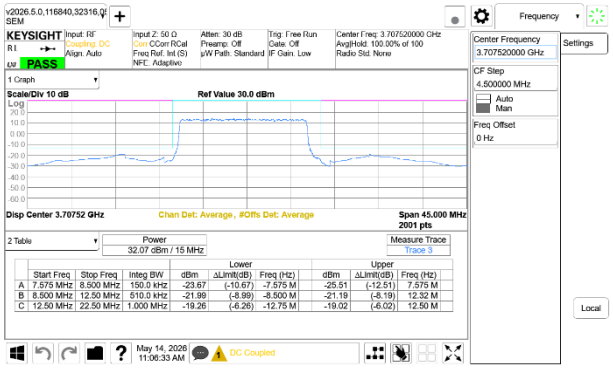


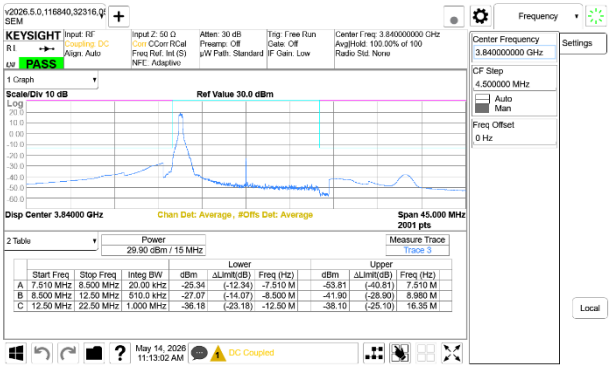
5G NR n77 15MHz BPSK Low Channel RB1-0 Ant7+Ant8



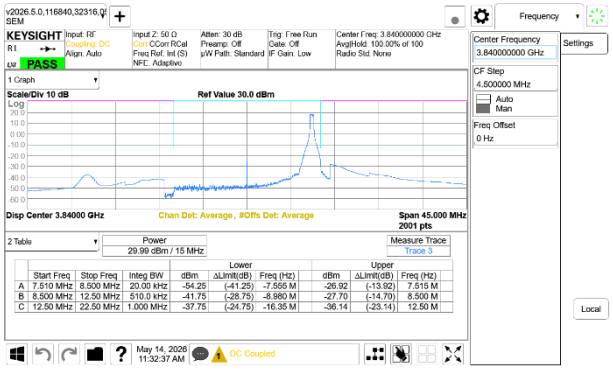
5G NR n77 15MHz BPSK Low Channel RB1-37 Ant7+Ant8



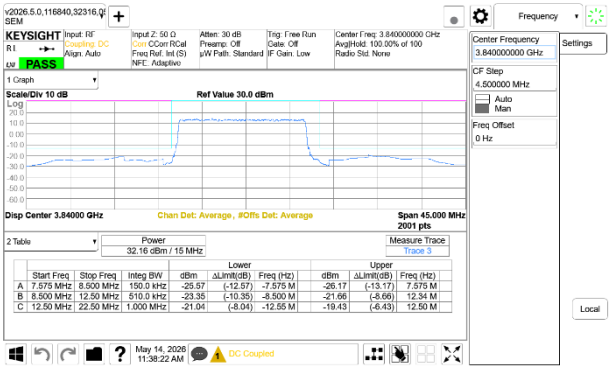
5G NR n77 15MHz BPSK Low Channel RB36-0 Ant7+Ant8



5G NR n77 15MHz BPSK Mid Channel RB1-0 Ant7+Ant8



5G NR n77 15MHz BPSK Mid Channel RB1-37 Ant7+Ant8



5G NR n77 15MHz BPSK Mid Channel RB36-0 Ant7+Ant8

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