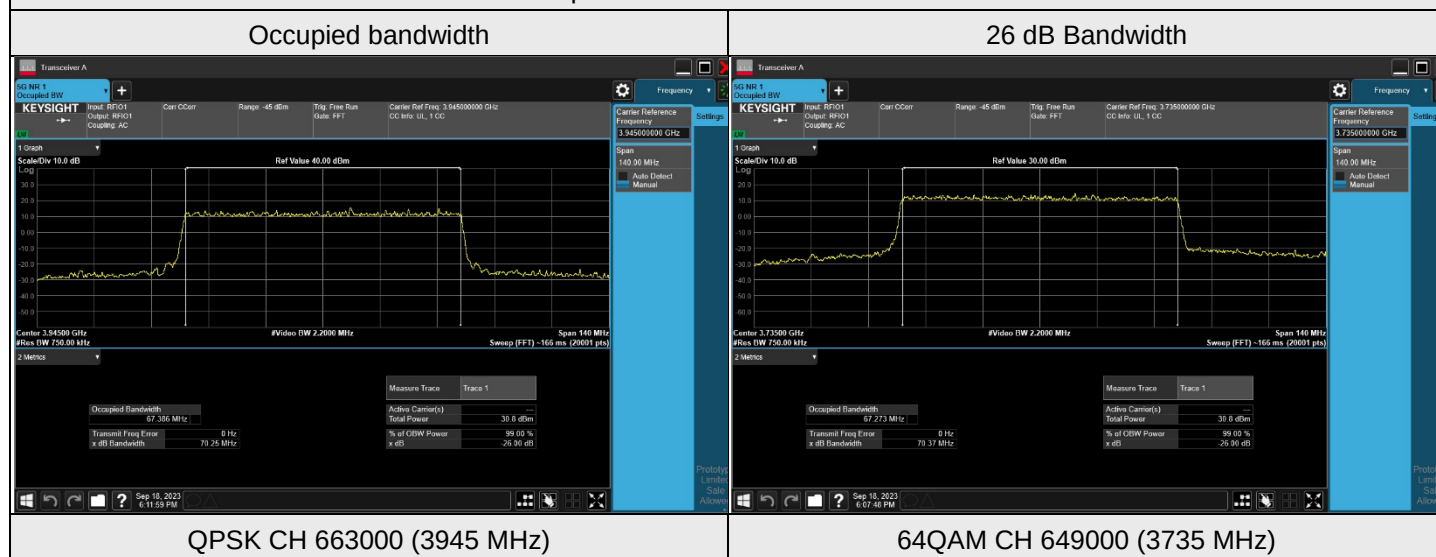


NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649000	3735	66.489	67.23
BPSK	656000	3840	66.769	67.41
BPSK	663000	3945	66.686	67.48
QPSK	649000	3735	67.230	70.27
QPSK	656000	3840	67.260	70.35
QPSK	663000	3945	67.386	70.25
16QAM	649000	3735	67.287	70.34
16QAM	656000	3840	67.326	70.20
16QAM	663000	3945	67.161	69.85
64QAM	649000	3735	67.273	70.37
64QAM	656000	3840	67.164	70.19
64QAM	663000	3945	67.258	70.37
256QAM	649000	3735	67.205	70.02
256QAM	656000	3840	67.244	70.30
256QAM	663000	3945	67.233	69.93

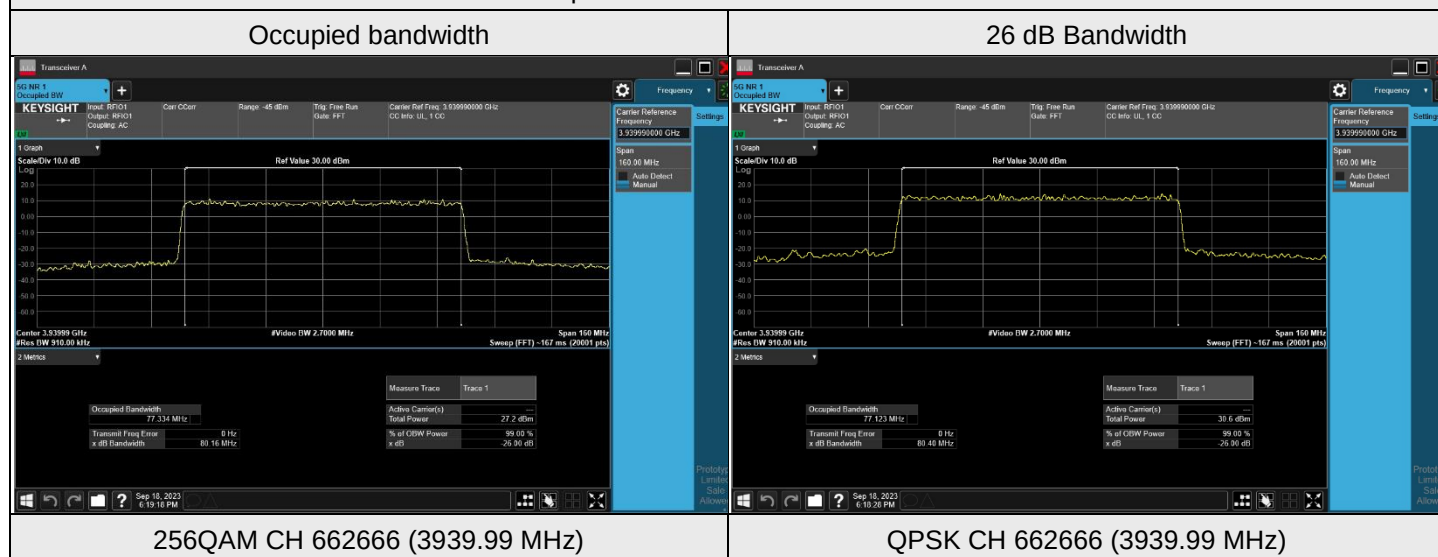
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649334	3740.01	77.092	79.94
BPSK	656000	3840	77.077	79.81
BPSK	662666	3939.99	77.168	80.00
QPSK	649334	3740.01	77.170	80.18
QPSK	656000	3840	77.190	80.18
QPSK	662666	3939.99	77.123	80.40
16QAM	649334	3740.01	77.236	80.27
16QAM	656000	3840	77.223	80.24
16QAM	662666	3939.99	77.219	80.38
64QAM	649334	3740.01	77.298	80.15
64QAM	656000	3840	77.281	80.11
64QAM	662666	3939.99	77.281	80.12
256QAM	649334	3740.01	77.014	80.14
256QAM	656000	3840	77.304	80.15
256QAM	662666	3939.99	77.334	80.16

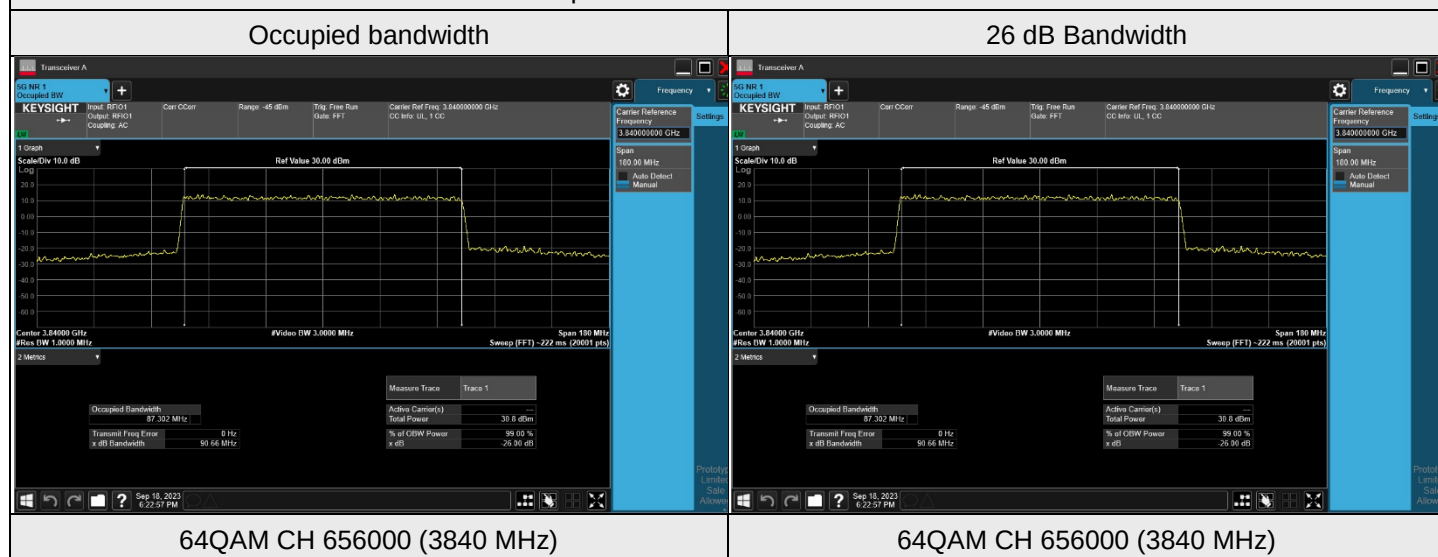
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649668	3745.02	86.659	89.62
BPSK	656000	3840	86.784	89.72
BPSK	662332	3934.98	86.871	89.89
QPSK	649668	3745.02	87.066	90.26
QPSK	656000	3840	87.086	90.20
QPSK	662332	3934.98	87.250	90.58
16QAM	649668	3745.02	87.104	90.20
16QAM	656000	3840	87.067	90.24
16QAM	662332	3934.98	87.075	90.54
64QAM	649668	3745.02	87.145	90.49
64QAM	656000	3840	87.302	90.66
64QAM	662332	3934.98	87.162	90.50
256QAM	649668	3745.02	86.925	90.20
256QAM	656000	3840	87.074	90.35
256QAM	662332	3934.98	87.213	90.53

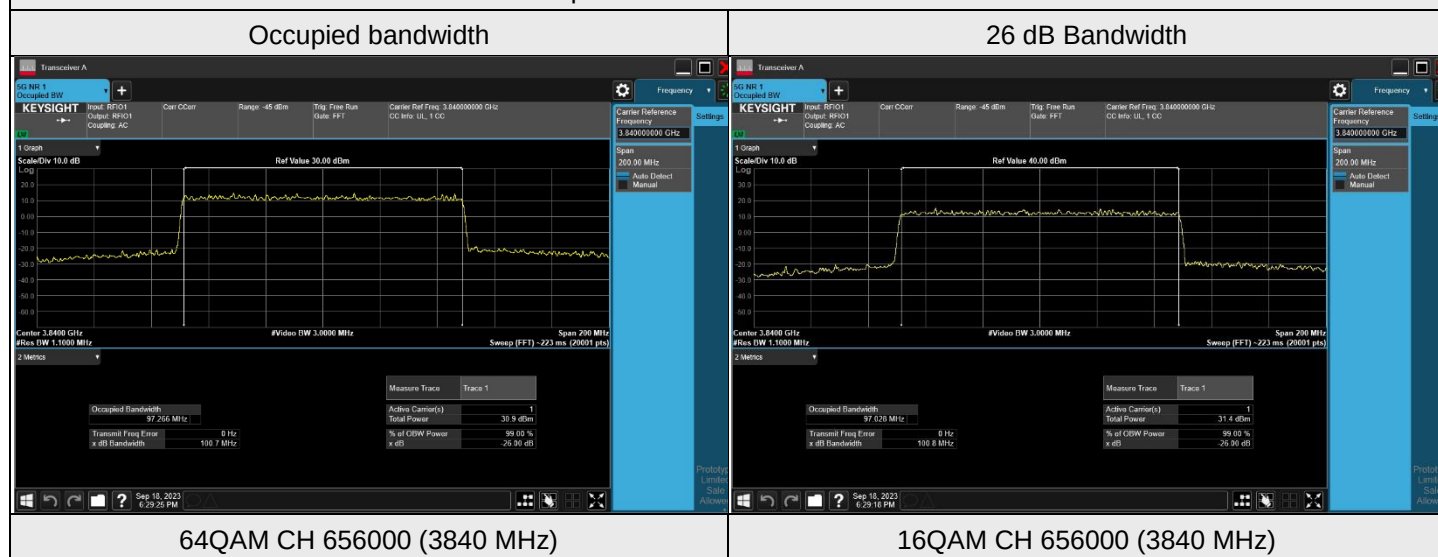
Spectrum Plot of Worst Value



NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 100 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	650000	3750	96.385	99.74
BPSK	656000	3840	96.060	99.59
BPSK	662000	3930	96.143	99.83
QPSK	650000	3750	97.109	100.5
QPSK	656000	3840	96.888	100.7
QPSK	662000	3930	96.806	100.6
16QAM	650000	3750	96.990	100.5
16QAM	656000	3840	97.028	100.8
16QAM	662000	3930	96.989	100.5
64QAM	650000	3750	97.264	100.5
64QAM	656000	3840	97.266	100.7
64QAM	662000	3930	97.182	100.7
256QAM	650000	3750	96.805	100.5
256QAM	656000	3840	96.824	100.5
256QAM	662000	3930	97.160	100.7

Spectrum Plot of Worst Value

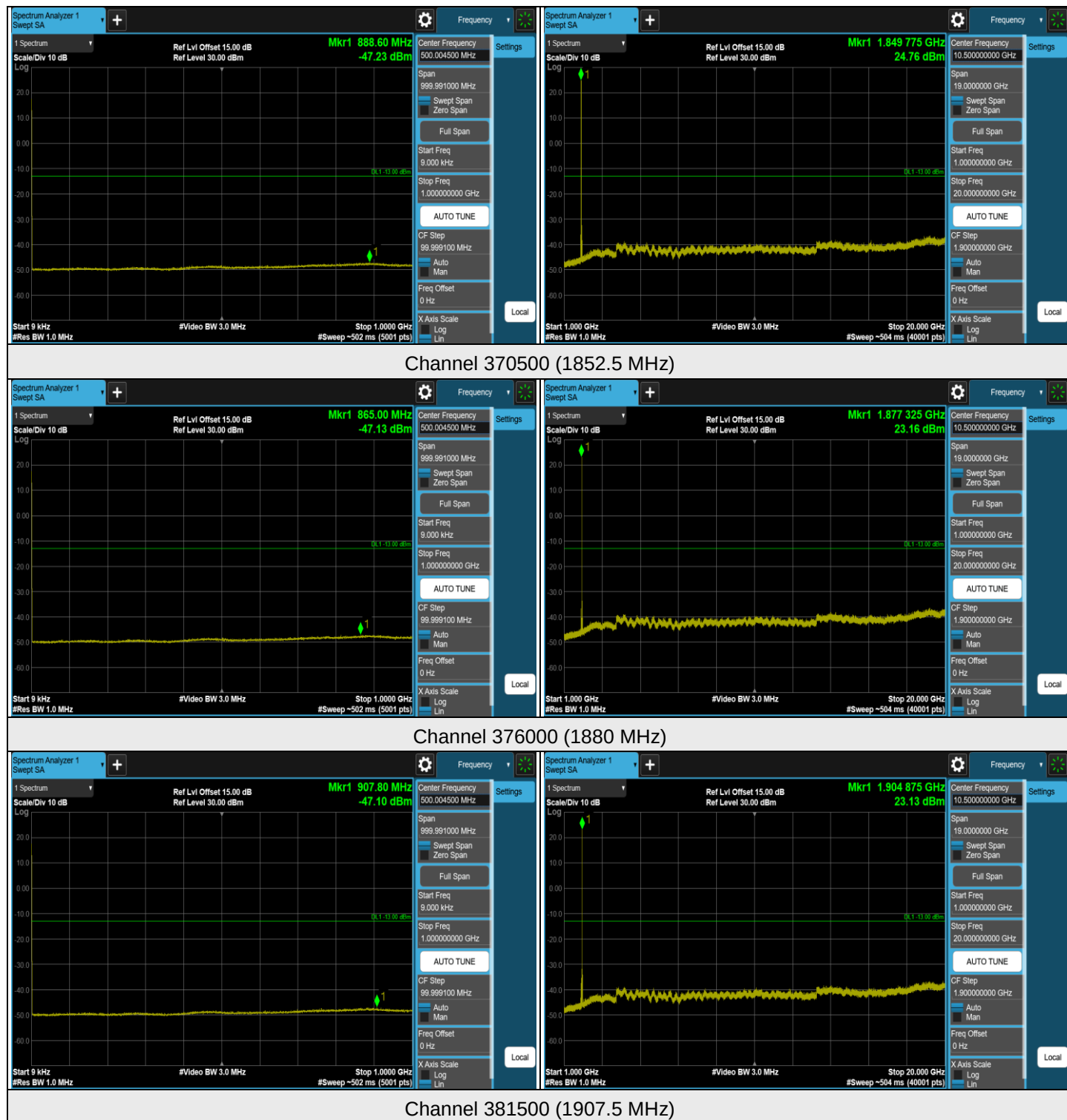


7.5 Conducted Spurious Emissions

Input Power:	4.7 Vdc	Environmental Conditions:	27°C, 68% RH	Tested By:	Noah Chang
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7.5.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz



Note: The signal at 9 kHz is IF signal from spectrum analyzer.

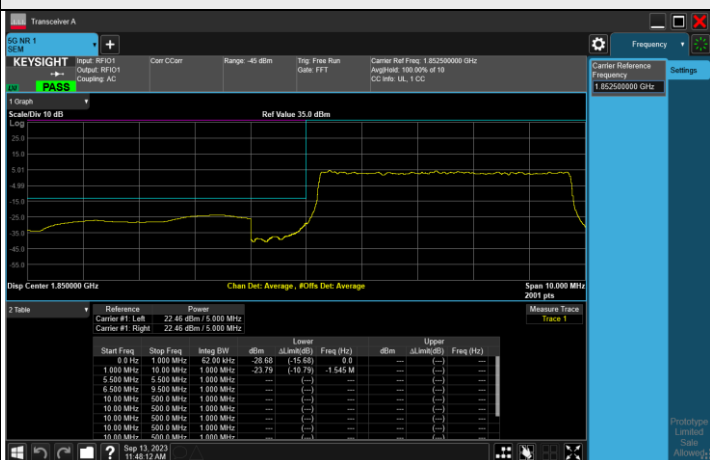
NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

Channel 370500(1852.5 MHz)

1 RB



FULL RB



Channel 381500(1907.5 MHz)

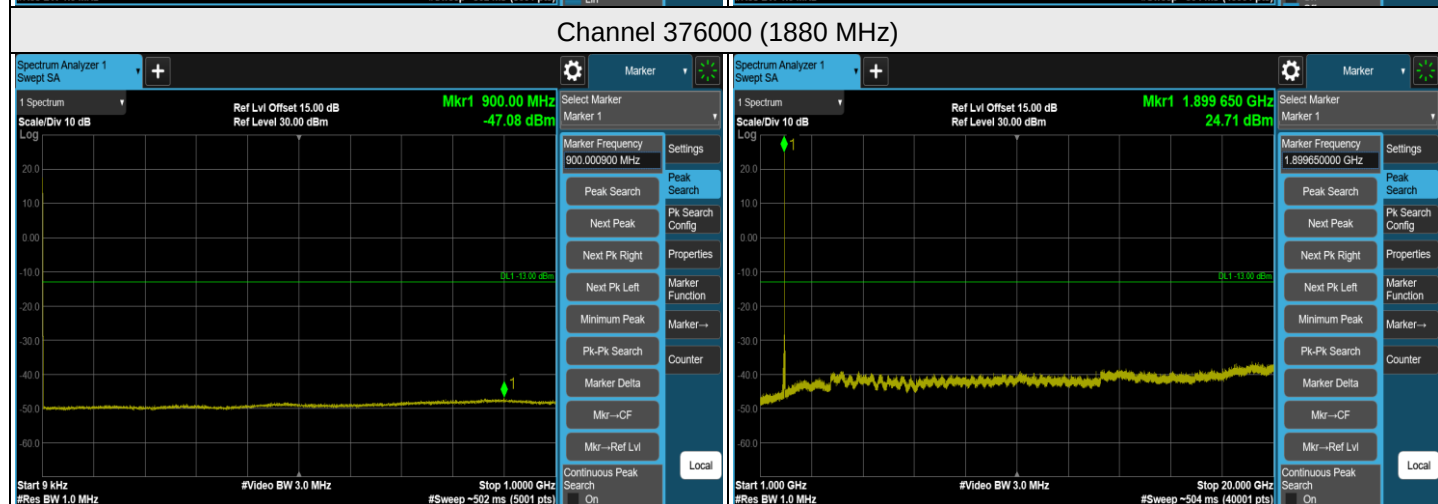
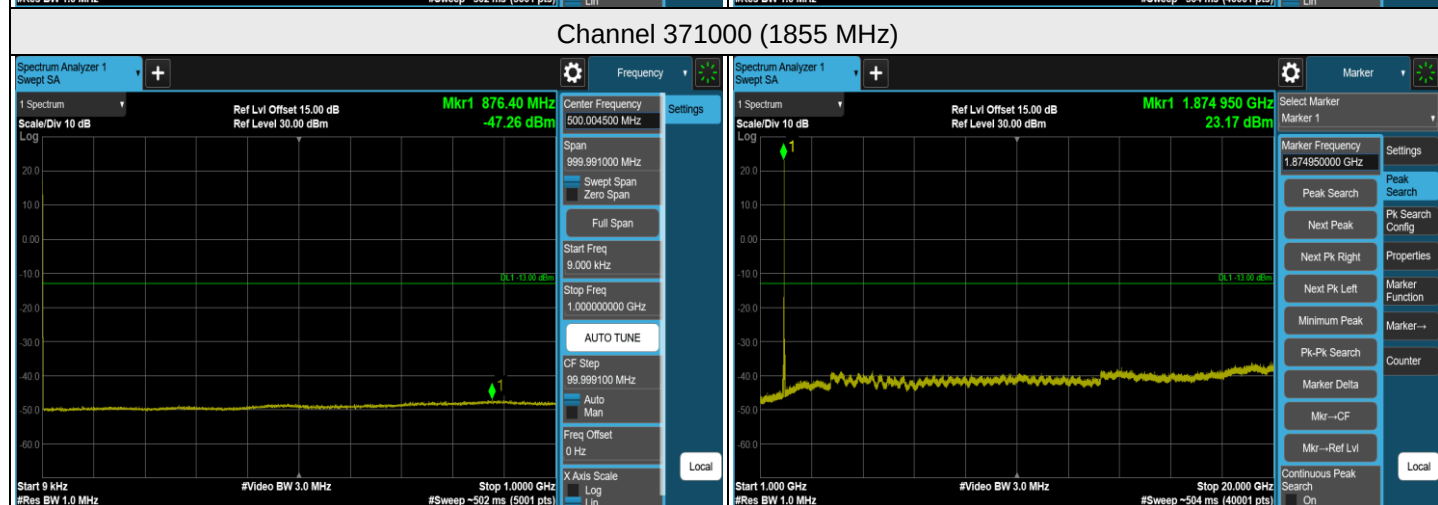
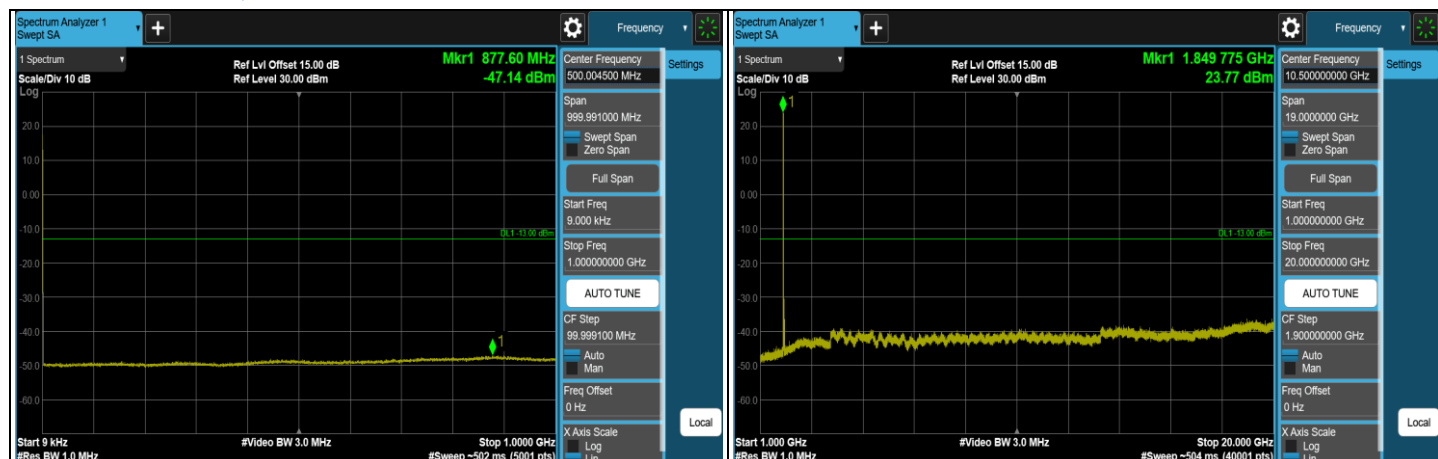
1 RB



FULL RB



NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz



Note: The signal at 9 kHz is IF signal from spectrum analyzer.

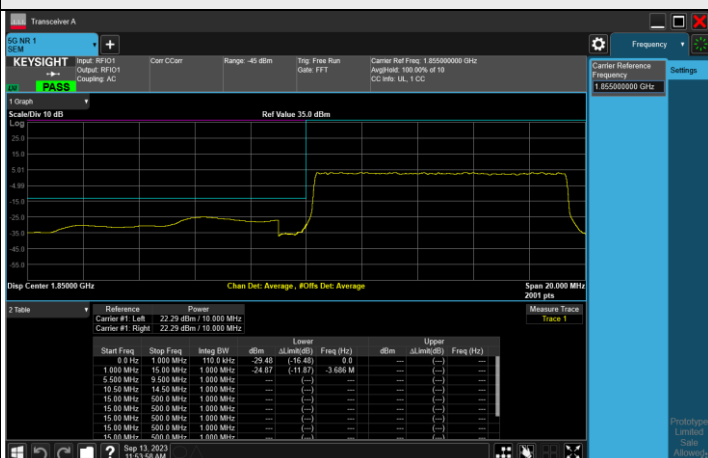
NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz

Channel 371000(1855 MHz)

1 RB



FULL RB



Channel 381000(1905 MHz)

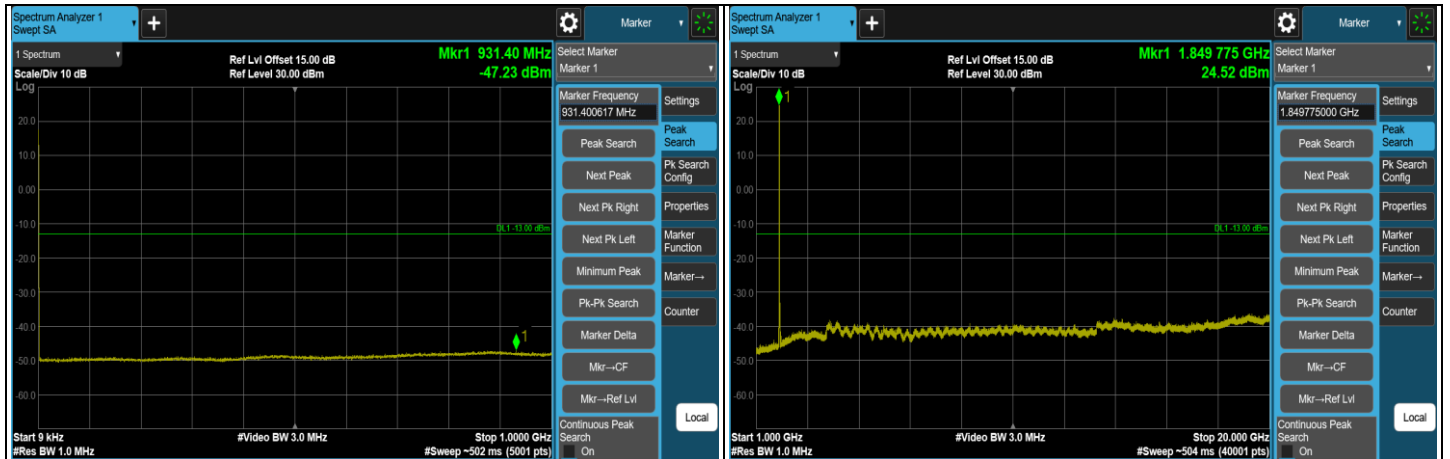
1 RB



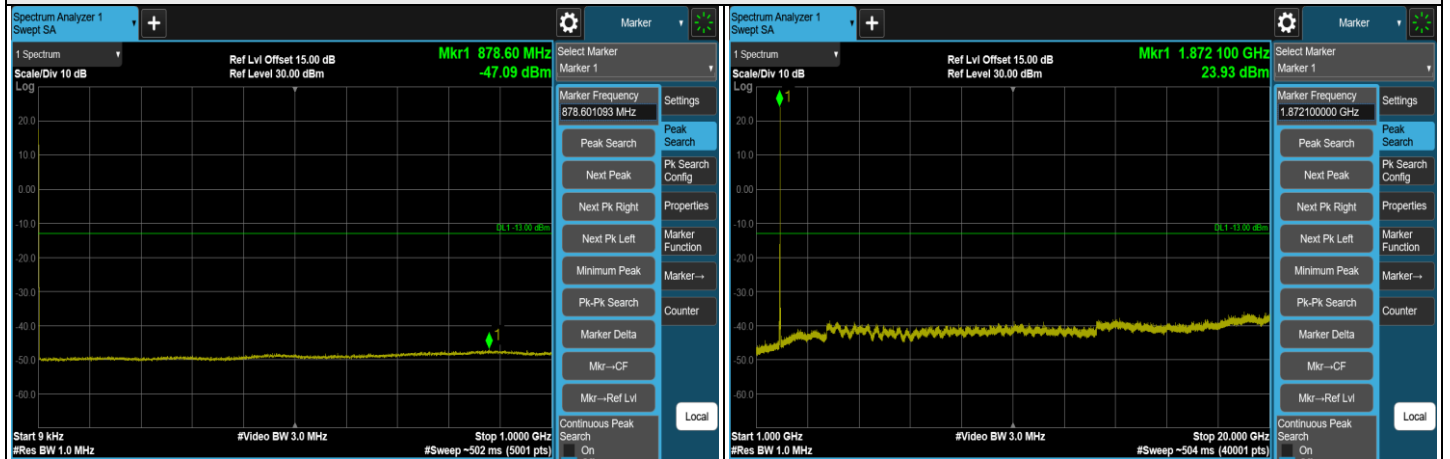
FULL RB



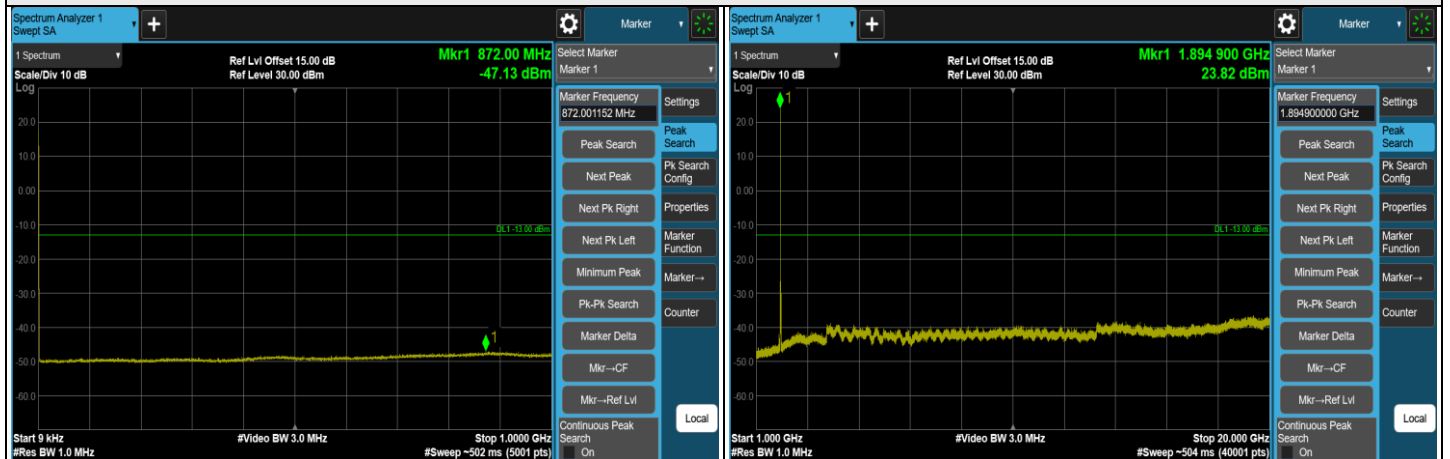
NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz



Channel 371500 (1857.5 MHz)



Channel 376000 (1880 MHz)



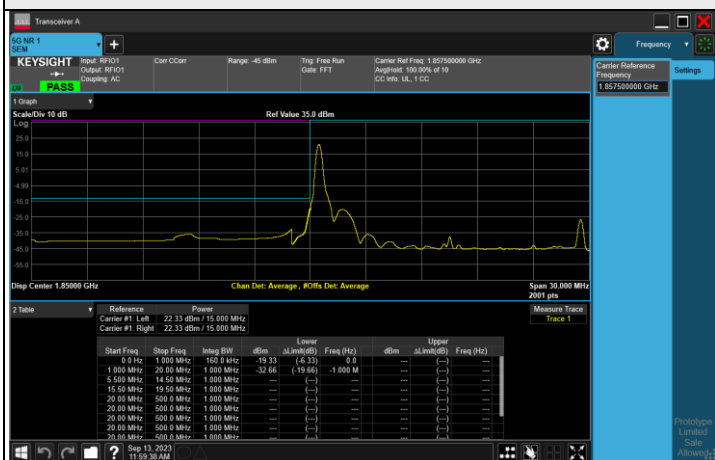
Channel 380500 (1902.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

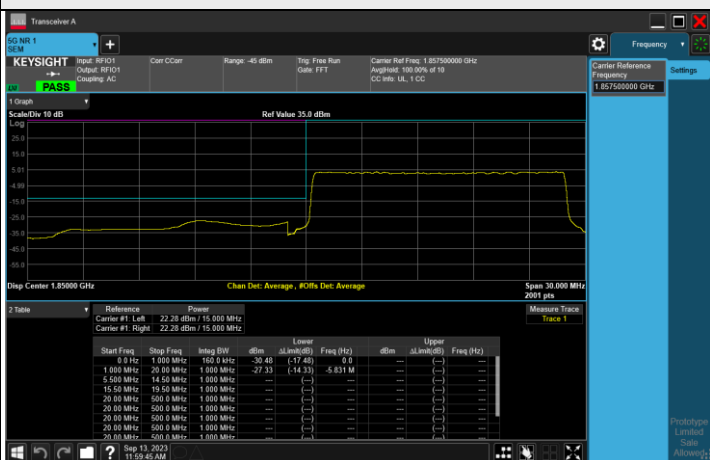
NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz

Channel 371500(1857.5 MHz)

1 RB



FULL RB



Channel 380500(1902.5 MHz)

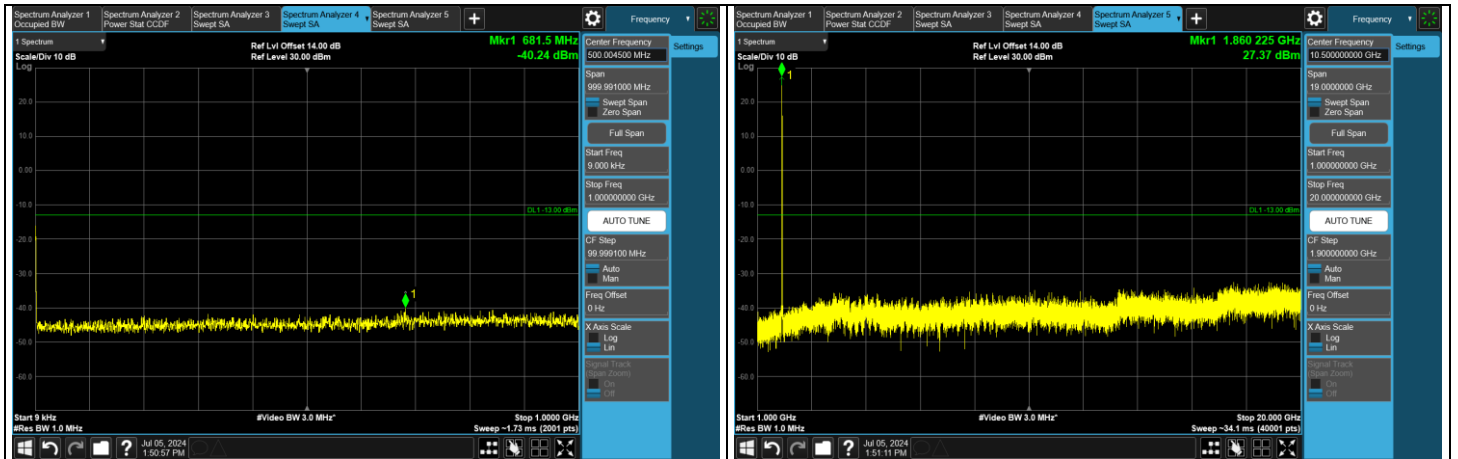
1 RB



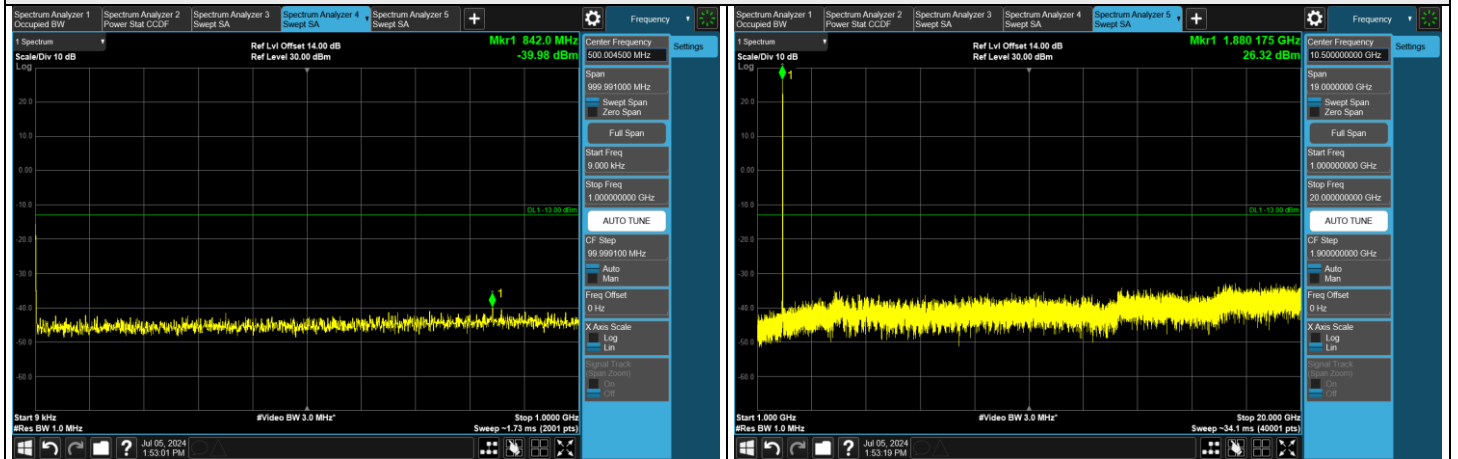
FULL RB



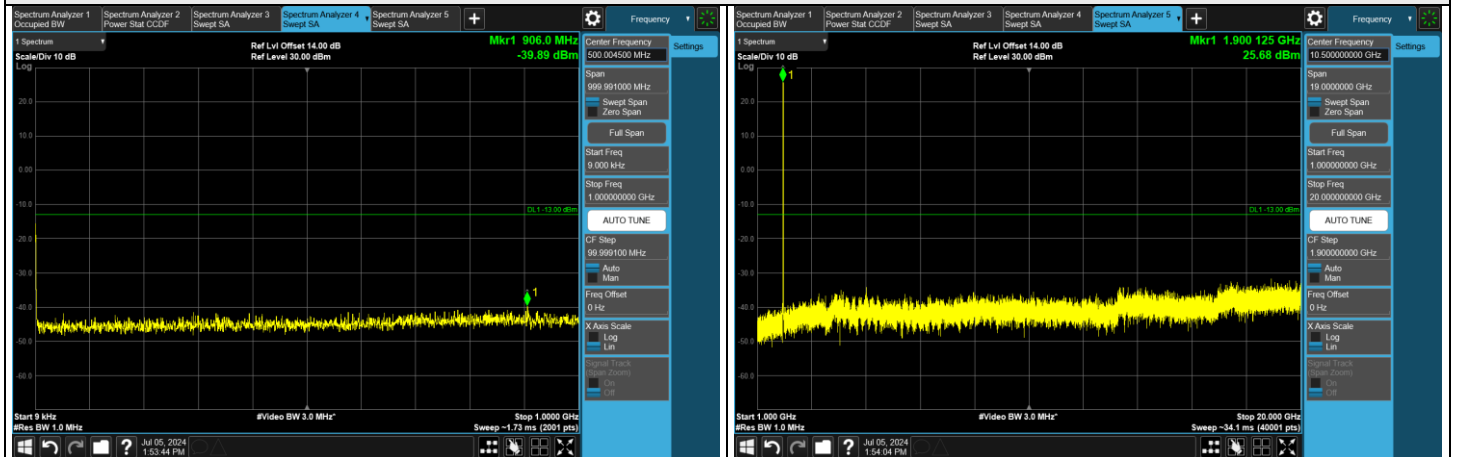
NR n2 SCS 15 kHz, Channel Bandwidth: 20 MHz



Channel 372000 (1860 MHz)



Channel 376000 (1880 MHz)

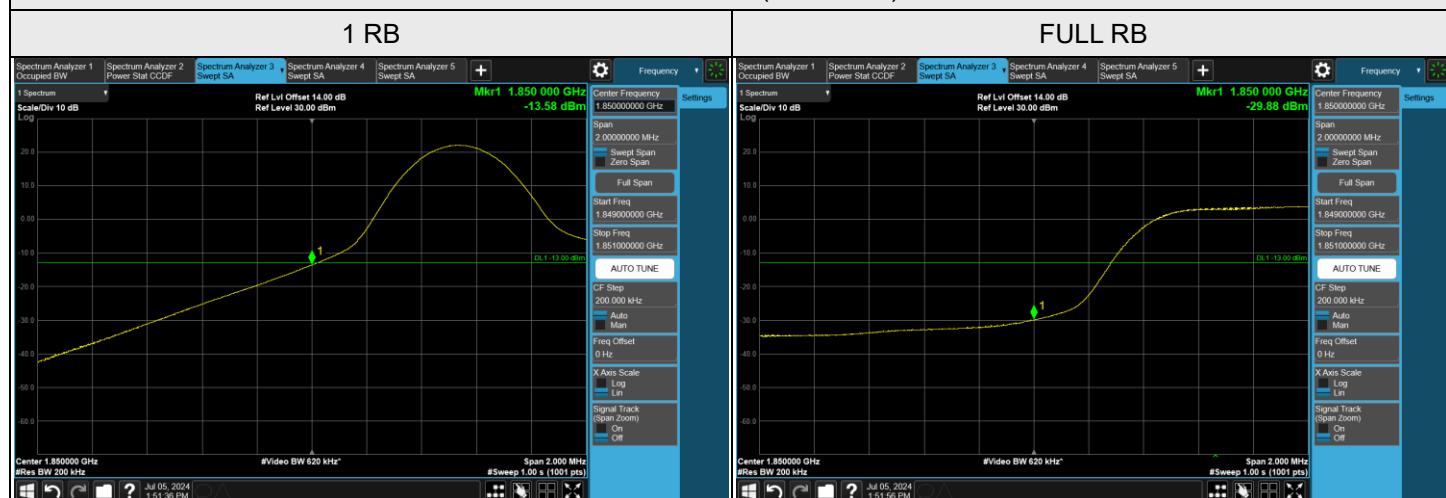


Channel 380000 (1900 MHz)

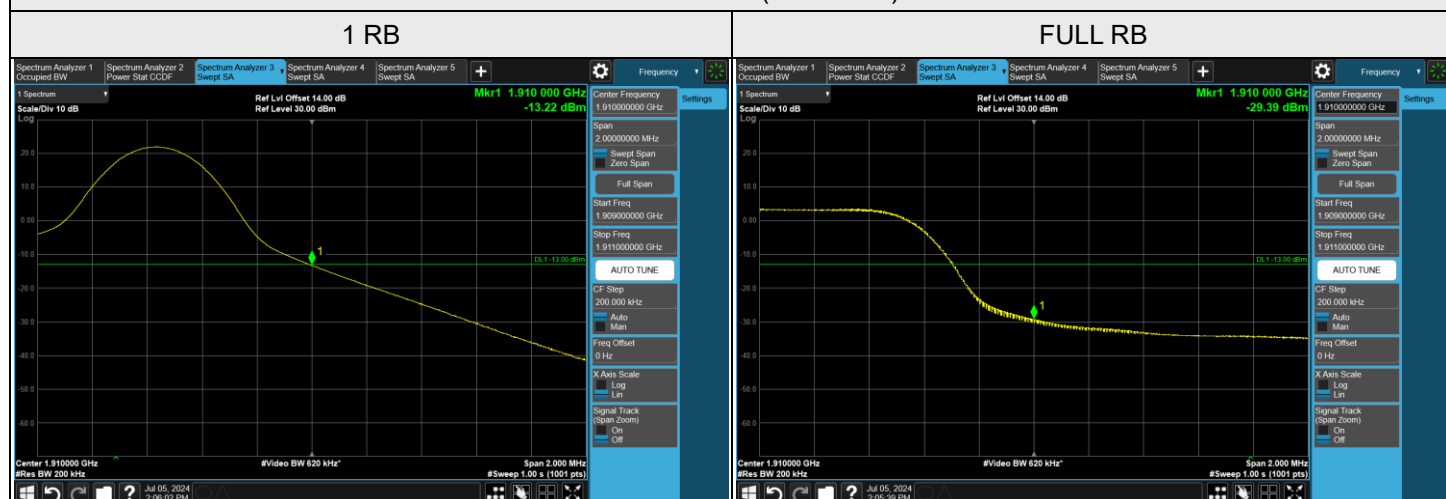
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

NR n2 SCS 15 kHz, Channel Bandwidth: 20 MHz

Channel 372000(1860 MHz)

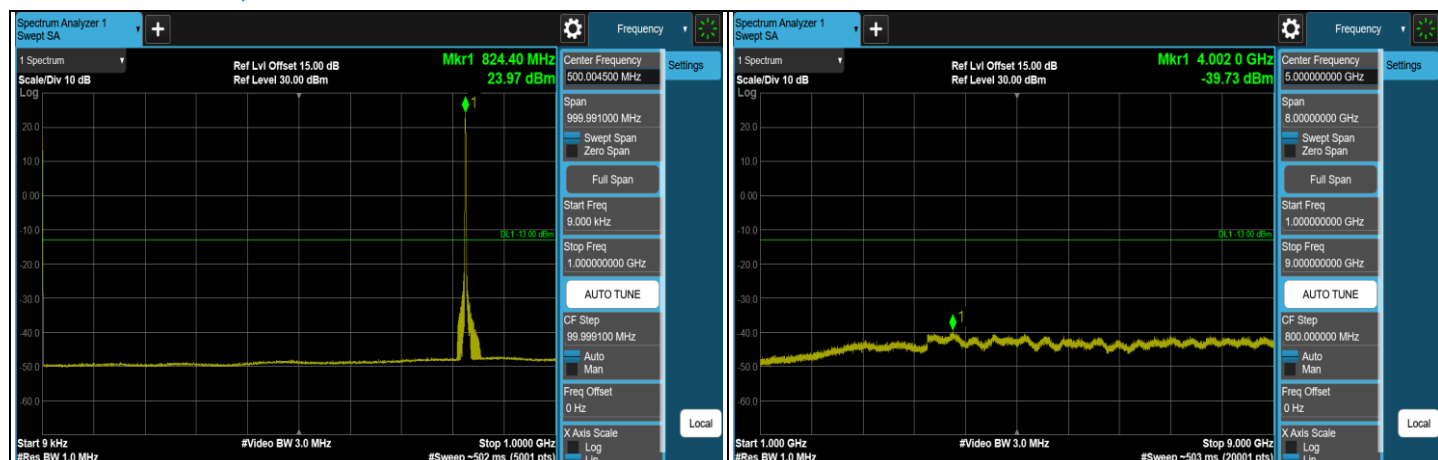


Channel 380000(1900 MHz)



7.5.2 NR n5 SCS 15 kHz

NR n5 SCS 15 kHz, Channel Bandwidth: 5 MHz



Channel 165300 (826.5 MHz)



Channel 167300 (836.5 MHz)



Channel 169300 (846.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

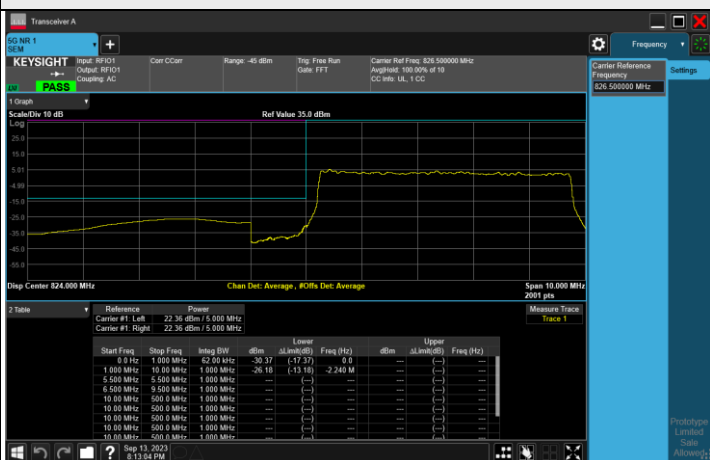
NR n5 SCS 15 kHz, Channel Bandwidth: 5 MHz

Channel 165300(826.5 MHz)

1 RB



FULL RB



Channel 169300(846.5 MHz)

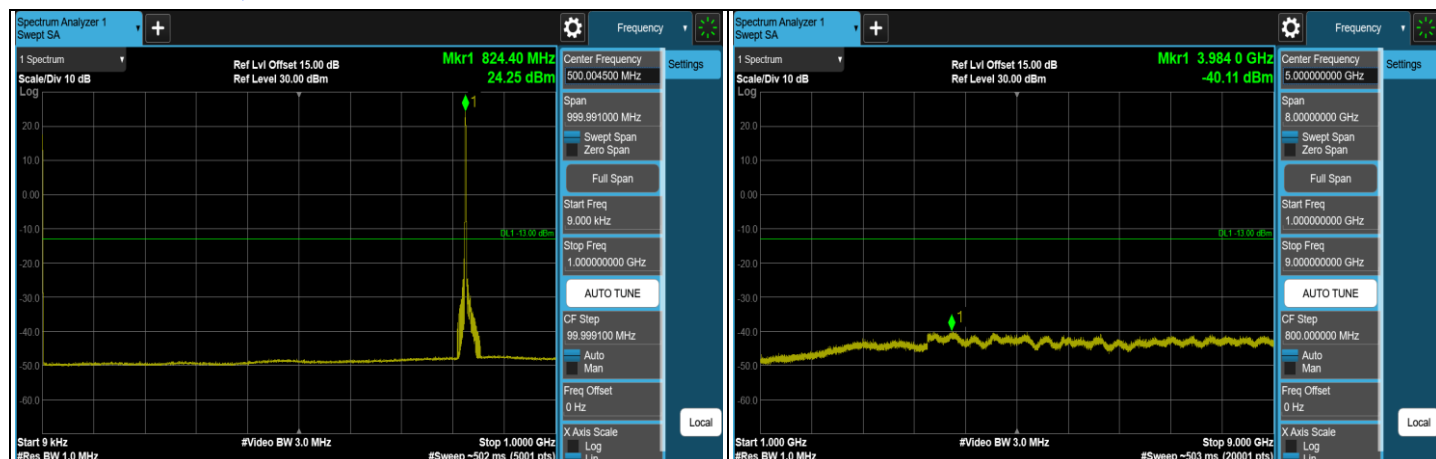
1 RB



FULL RB



NR n5 SCS 15 kHz, Channel Bandwidth: 10 MHz



Channel 165800 (829 MHz)



Channel 167300 (836.5 MHz)



Channel 168800 (844 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

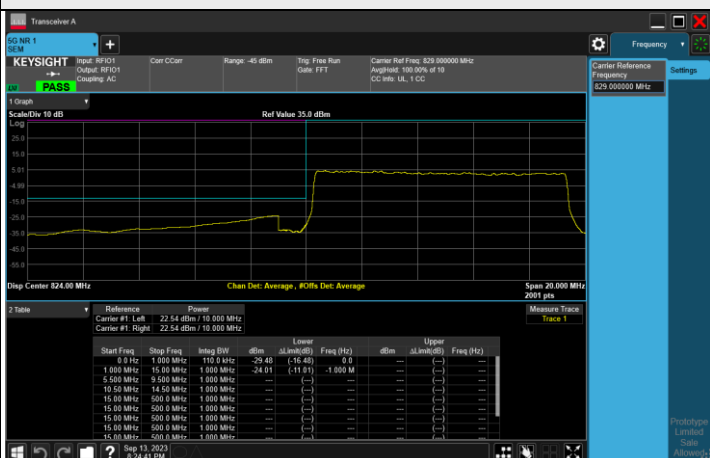
NR n5 SCS 15 kHz, Channel Bandwidth: 10 MHz

Channel 165800(829 MHz)

1 RB



FULL RB

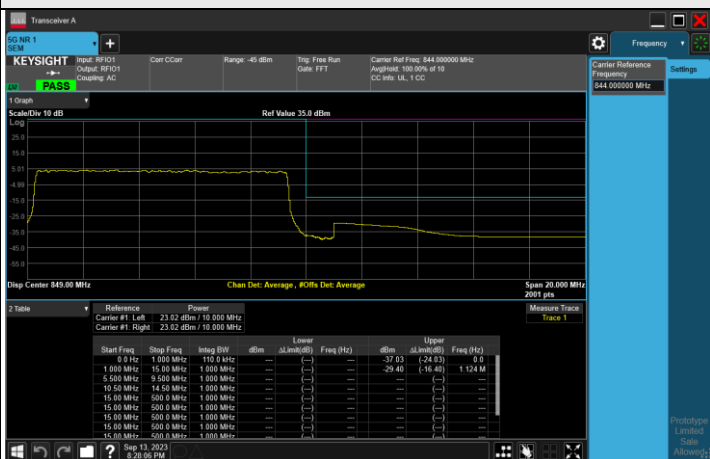


Channel 168800(844 MHz)

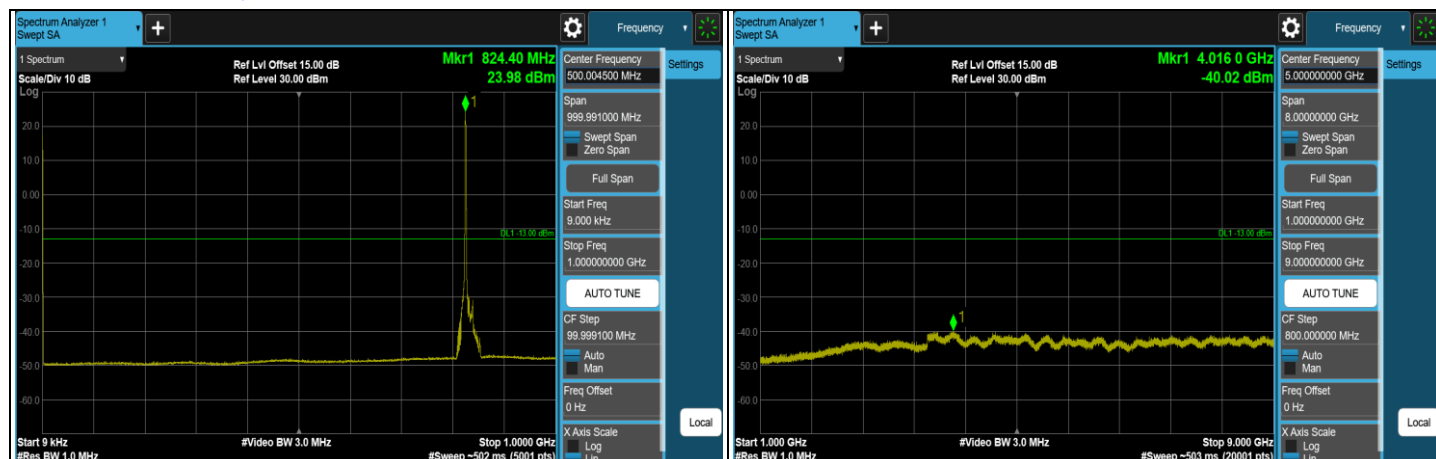
1 RB



FULL RB



NR n5 SCS 15 kHz, Channel Bandwidth: 15 MHz



Channel 166300 (831.5 MHz)



Channel 167300 (836.5 MHz)



Channel 168300 (841.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.