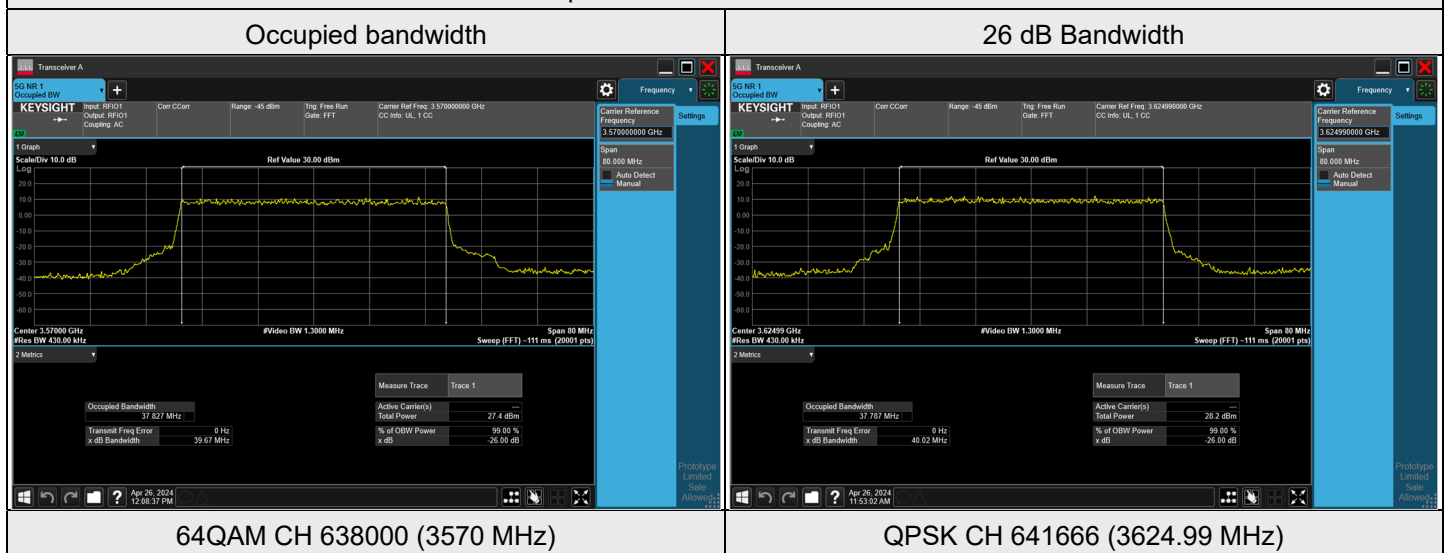




NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) Chain 0, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	638000	3570	37.755	39.68
QPSK	641666	3624.99	37.787	40.02
QPSK	645332	3679.98	37.713	39.78
16QAM	638000	3570	37.729	39.56
16QAM	641666	3624.99	37.707	39.69
16QAM	645332	3679.98	37.706	39.56
64QAM	638000	3570	37.827	39.67
64QAM	641666	3624.99	37.712	39.71
64QAM	645332	3679.98	37.795	39.66
256QAM	638000	3570	37.664	39.82
256QAM	641666	3624.99	37.641	39.84
256QAM	645332	3679.98	37.665	39.74

Spectrum Plot of Worst Value

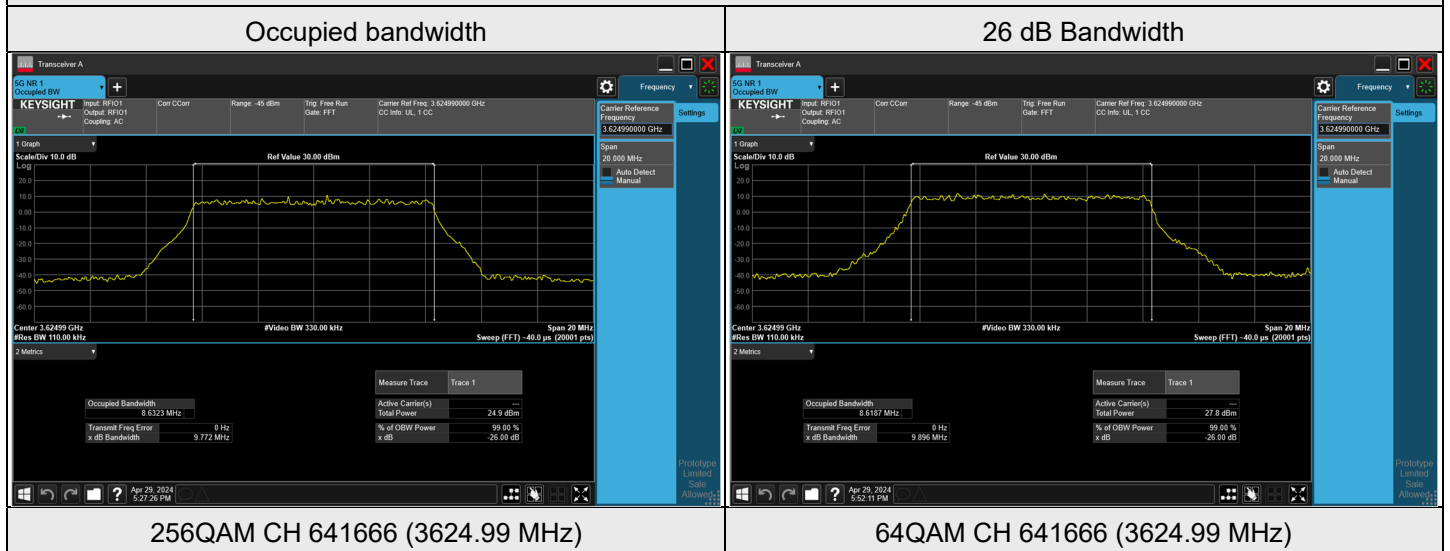


7.4.3 NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) – MIMO (Chain 1)

NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) Chain 1, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637000	3555	8.6163	9.769
QPSK	641666	3624.99	8.6063	9.700
QPSK	646332	3694.98	8.6040	9.676
16QAM	637000	3555	8.5882	9.683
16QAM	641666	3624.99	8.6062	9.732
16QAM	646332	3694.98	8.6002	9.667
64QAM	637000	3555	8.6029	9.760
64QAM	641666	3624.99	8.6187	9.896
64QAM	646332	3694.98	8.5685	9.513
256QAM	637000	3555	8.5901	9.783
256QAM	641666	3624.99	8.6323	9.772
256QAM	646332	3694.98	8.5921	9.895

Spectrum Plot of Worst Value

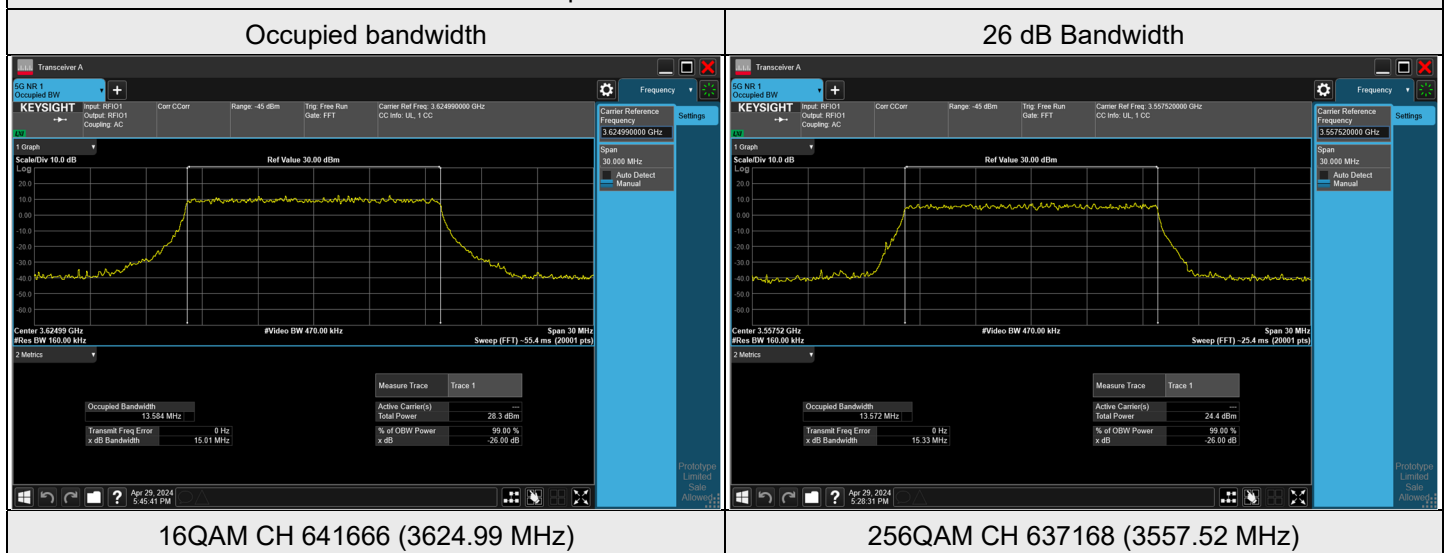




NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) Chain 1, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637168	3557.52	13.564	14.79
QPSK	641666	3624.99	13.546	14.90
QPSK	646166	3692.49	13.525	14.59
16QAM	637168	3557.52	13.566	14.71
16QAM	641666	3624.99	13.584	15.01
16QAM	646166	3692.49	13.584	15.01
64QAM	637168	3557.52	13.570	14.81
64QAM	641666	3624.99	13.552	14.71
64QAM	646166	3692.49	13.573	14.74
256QAM	637168	3557.52	13.572	15.33
256QAM	641666	3624.99	13.561	14.76
256QAM	646166	3692.49	13.563	14.95

Spectrum Plot of Worst Value



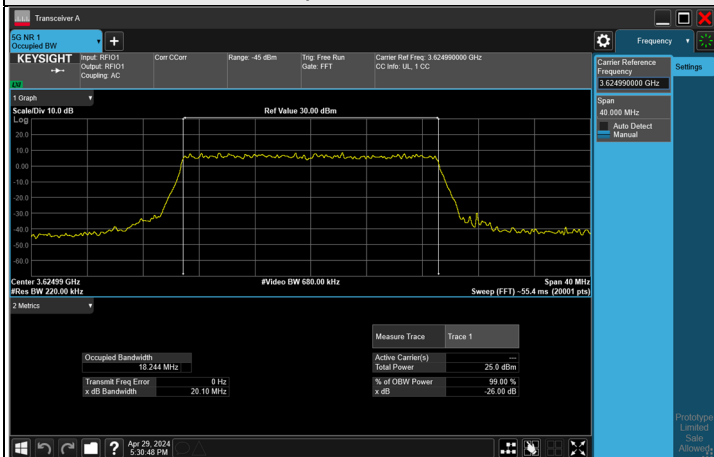


NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) Chain 1, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637334	3560.01	18.193	19.58
QPSK	641666	3624.99	18.201	19.74
QPSK	646000	3690	18.201	19.92
16QAM	637334	3560.01	18.206	19.78
16QAM	641666	3624.99	18.216	19.65
16QAM	646000	3690	18.212	19.58
64QAM	637334	3560.01	18.221	19.87
64QAM	641666	3624.99	18.198	19.90
64QAM	646000	3690	18.178	19.86
256QAM	637334	3560.01	18.189	19.85
256QAM	641666	3624.99	18.244	20.10
256QAM	646000	3690	18.164	19.66

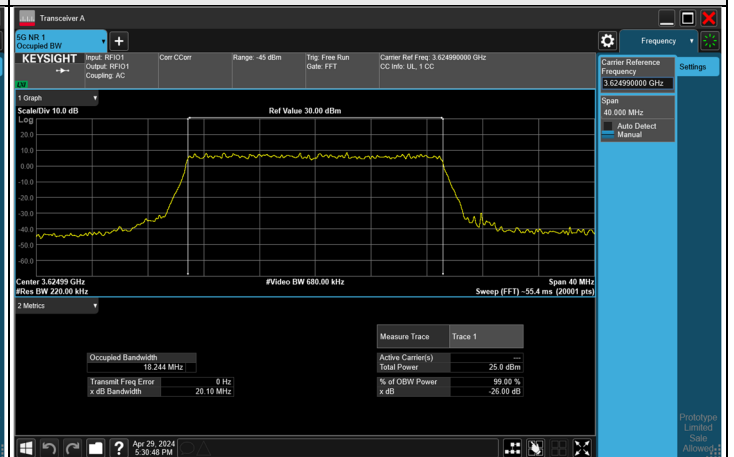
Spectrum Plot of Worst Value

Occupied bandwidth



256QAM CH 641666 (3624.99 MHz)

26 dB Bandwidth



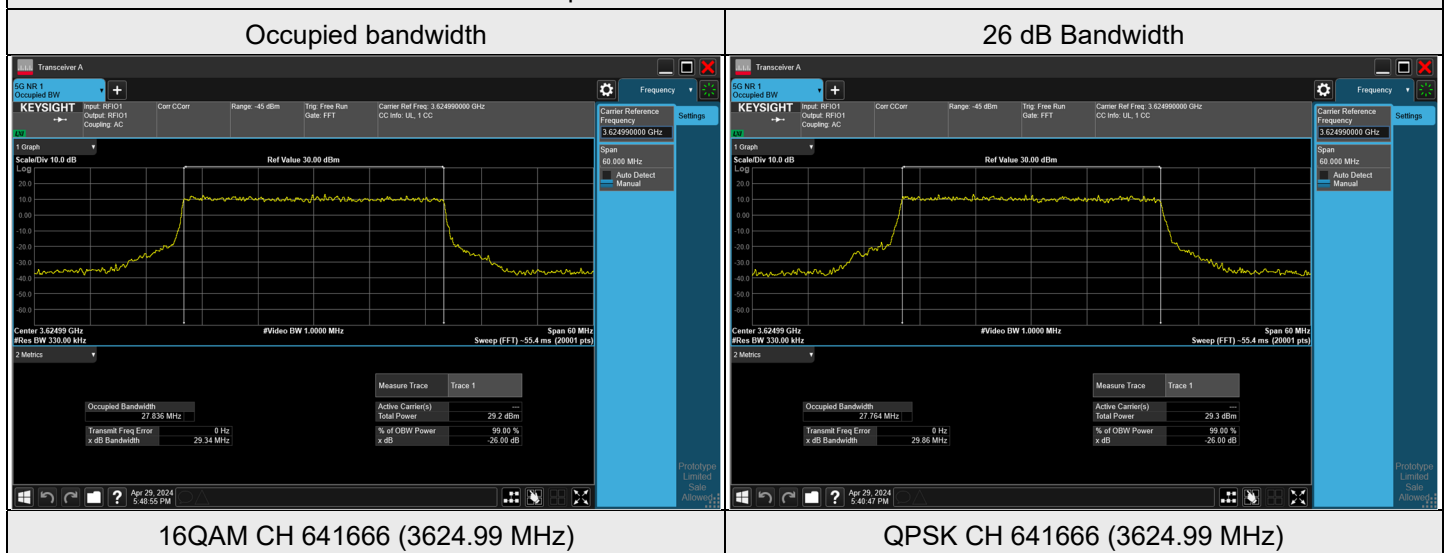
256QAM CH 641666 (3624.99 MHz)



NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) Chain 1, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637668	3565.02	27.788	29.47
QPSK	641666	3624.99	27.764	29.86
QPSK	645666	3684.99	27.787	29.66
16QAM	637668	3565.02	27.759	29.31
16QAM	641666	3624.99	27.836	29.34
16QAM	645666	3684.99	27.756	29.45
64QAM	637668	3565.02	27.775	29.50
64QAM	641666	3624.99	27.735	29.47
64QAM	645666	3684.99	27.763	29.58
256QAM	637668	3565.02	27.811	29.82
256QAM	641666	3624.99	27.786	29.36
256QAM	645666	3684.99	27.807	29.70

Spectrum Plot of Worst Value



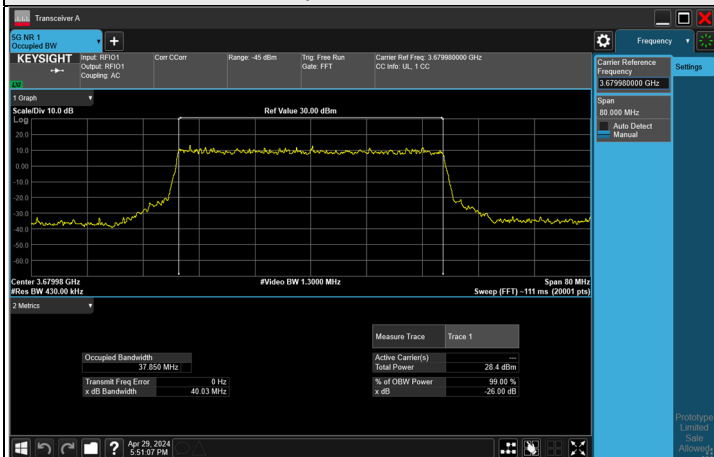


NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) Chain 1, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	638000	3570	37.763	39.96
QPSK	641666	3624.99	37.722	39.86
QPSK	645332	3679.98	37.788	39.79
16QAM	638000	3570	37.795	40.00
16QAM	641666	3624.99	37.787	39.81
16QAM	645332	3679.98	37.850	40.03
64QAM	638000	3570	37.779	40.02
64QAM	641666	3624.99	37.812	39.65
64QAM	645332	3679.98	37.762	39.54
256QAM	638000	3570	37.660	39.92
256QAM	641666	3624.99	37.640	39.73
256QAM	645332	3679.98	37.667	39.91

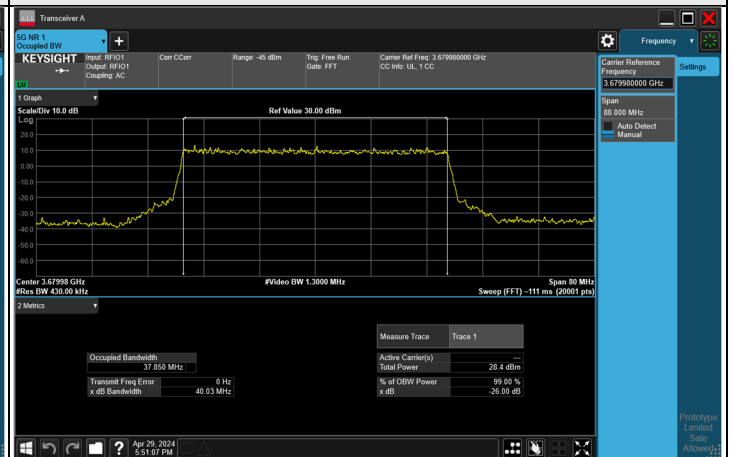
Spectrum Plot of Worst Value

Occupied bandwidth



16QAM CH 645332 (3679.98 MHz)

26 dB Bandwidth



16QAM CH 645332 (3679.98 MHz)

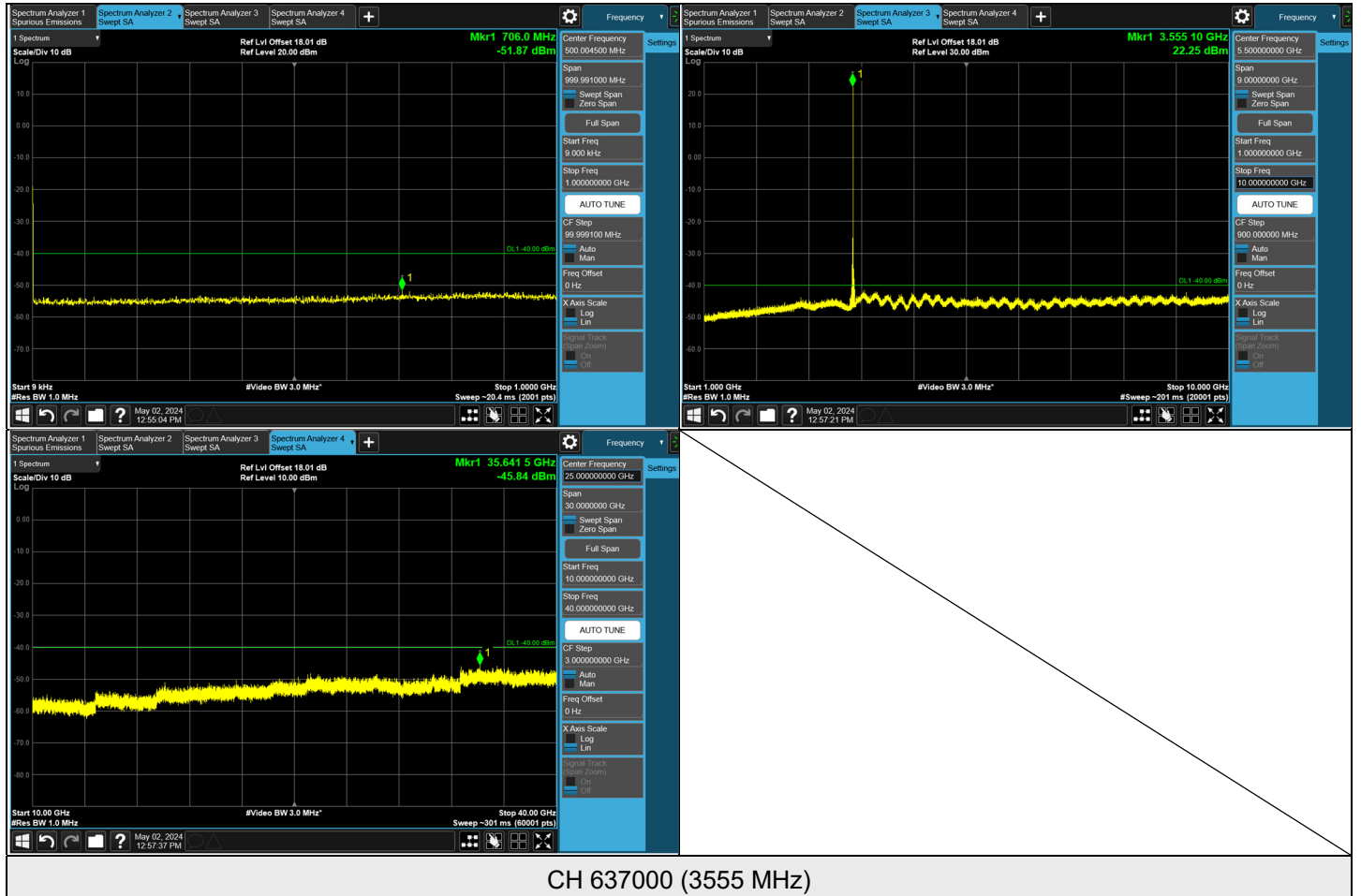


7.5 Conducted Spurious Emissions

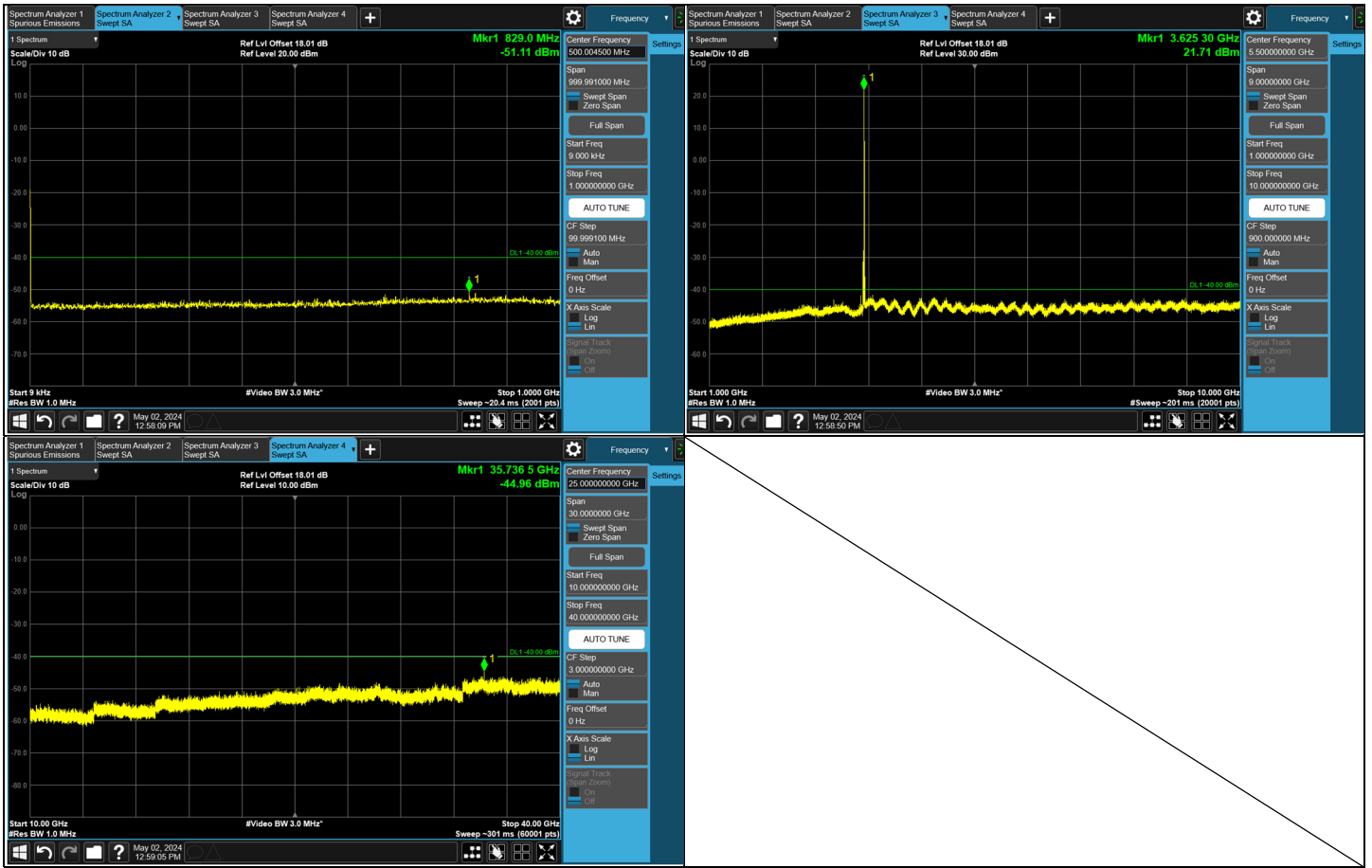
Input Power:	120 Vac, 60 Hz	Environmental Conditions:	24°C, 68% RH	Tested By:	Noah Chang
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7.5.1 NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) – MIMO (Chain 0)

NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) Chain 0, Channel Bandwidth: 10 MHz

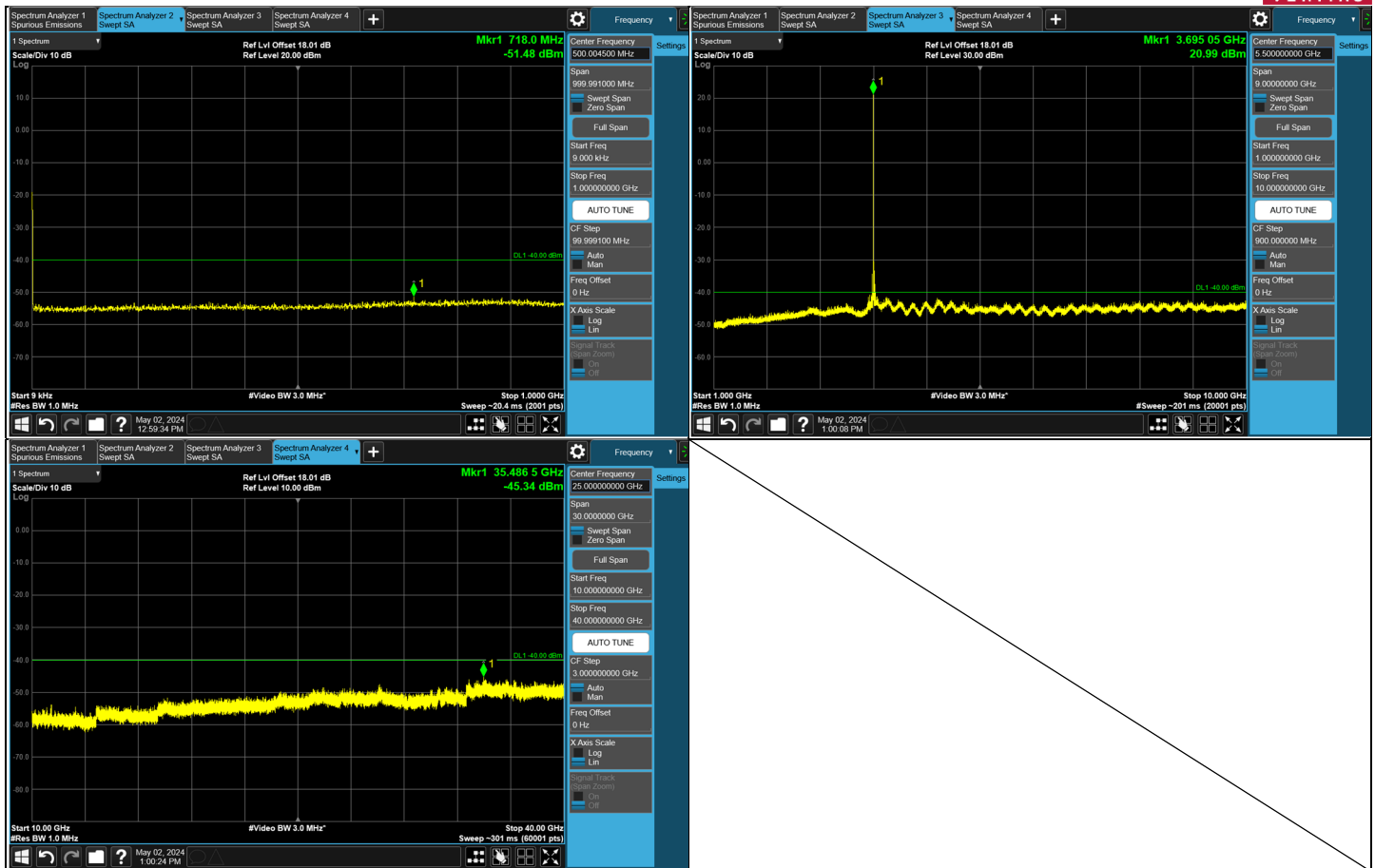


Note: The signal at 9 kHz is IF signal from spectrum analyzer.



CH 641666 (3624.99 MHz)

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

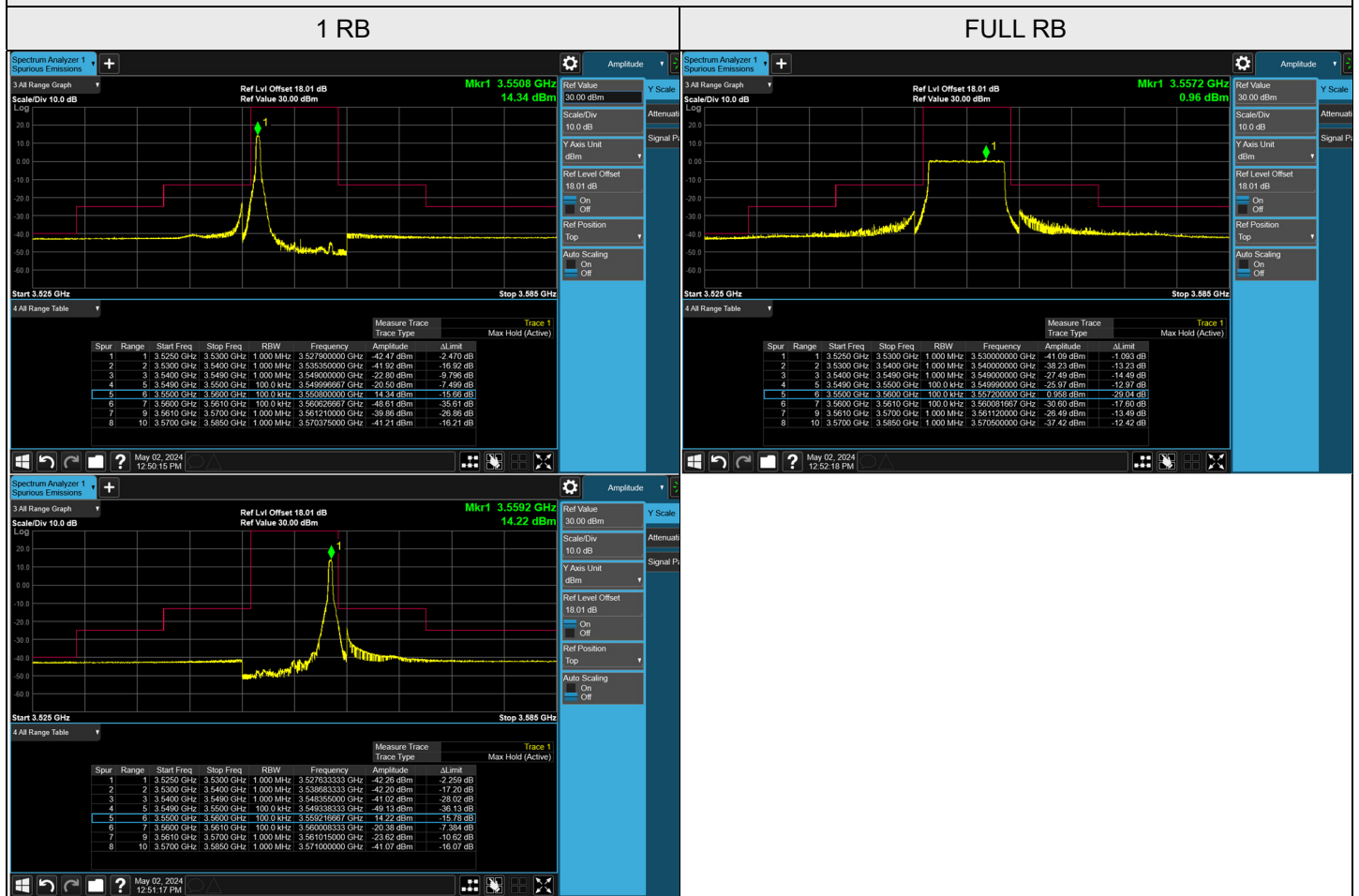


CH 646332 (3694.98 MHz)

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

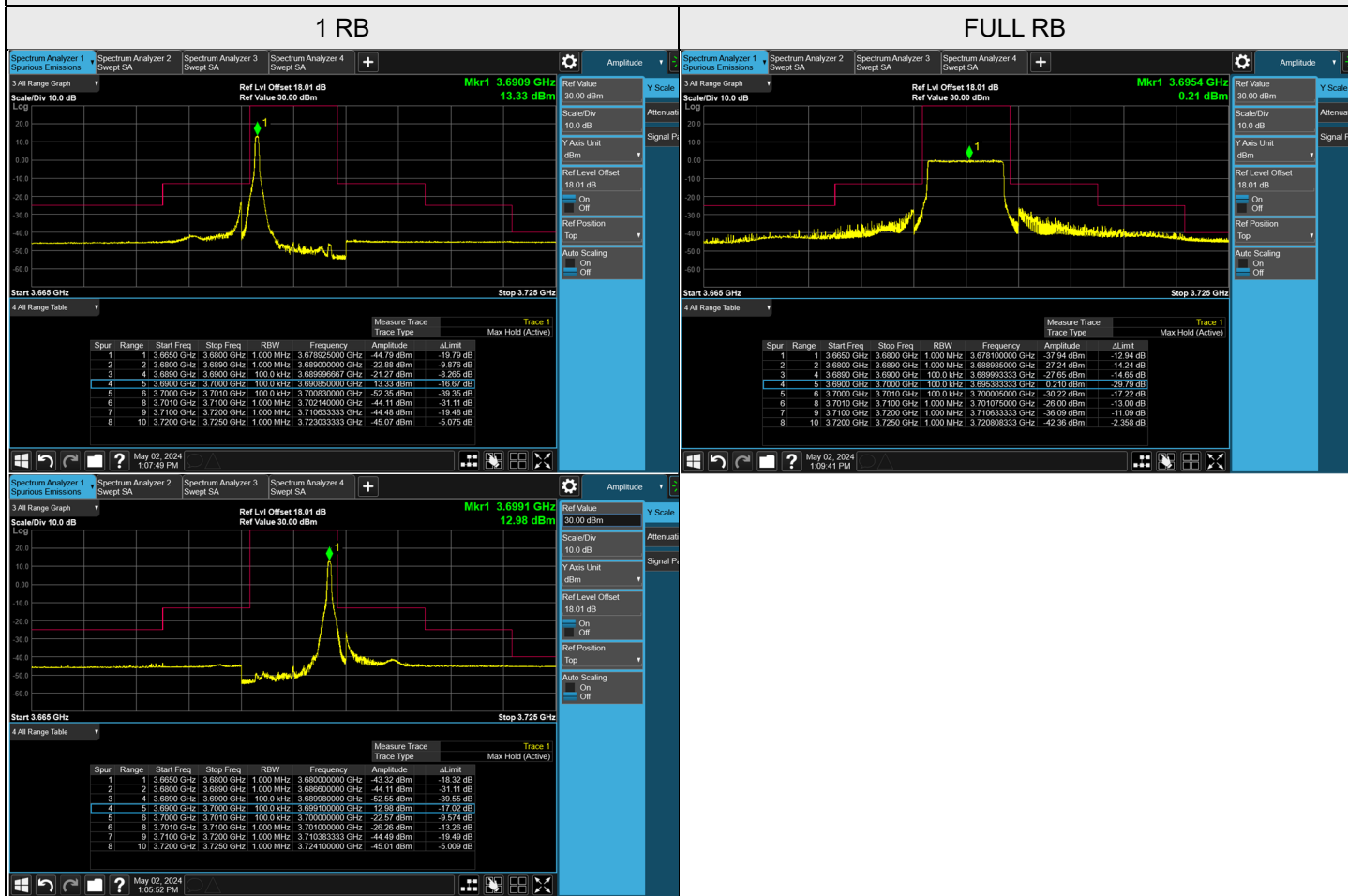
NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) Chain 0, Channel Bandwidth: 10 MHz

CH 637000 (3555 MHz)



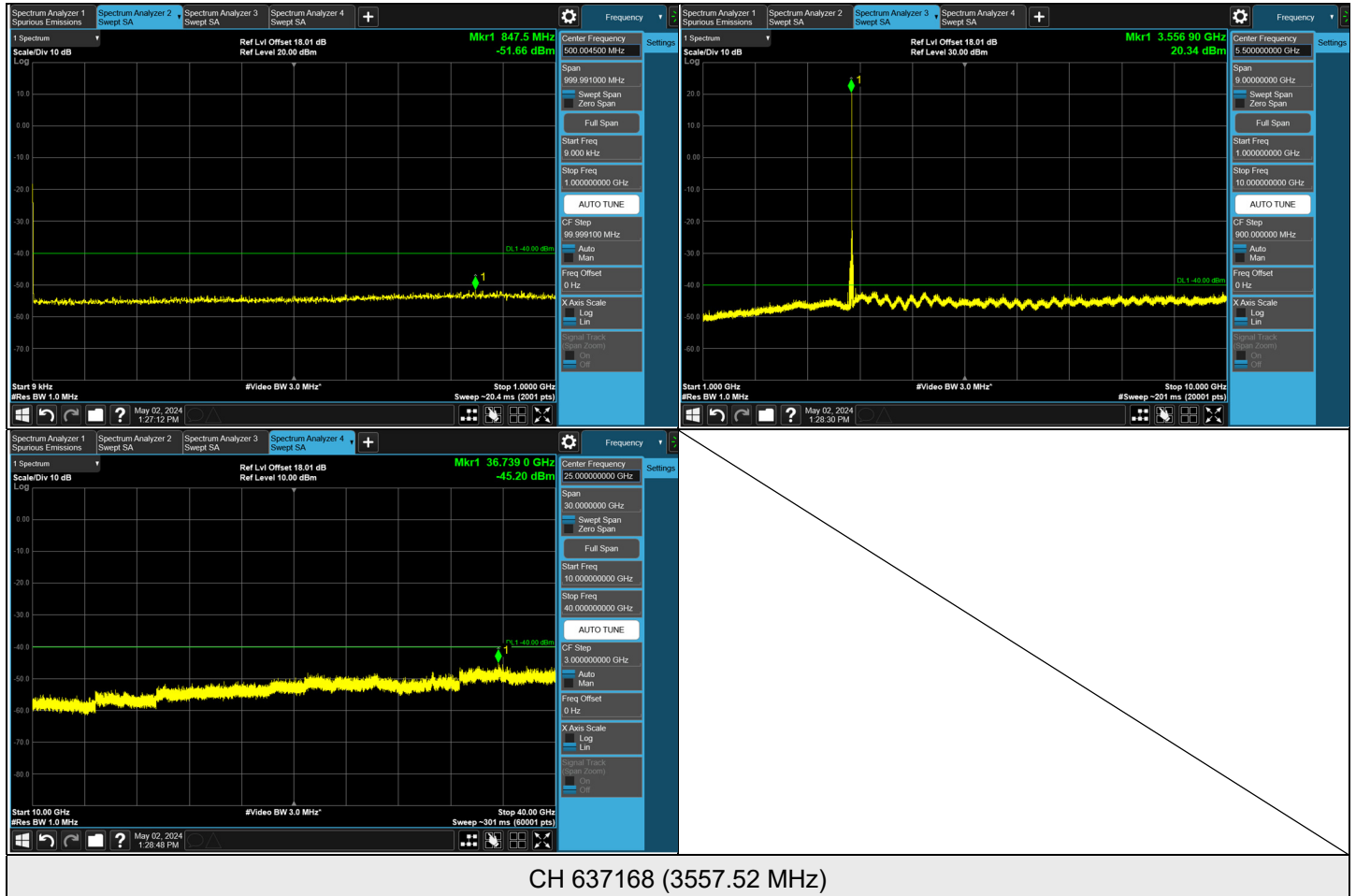


CH 646332 (3694.98 MHz)



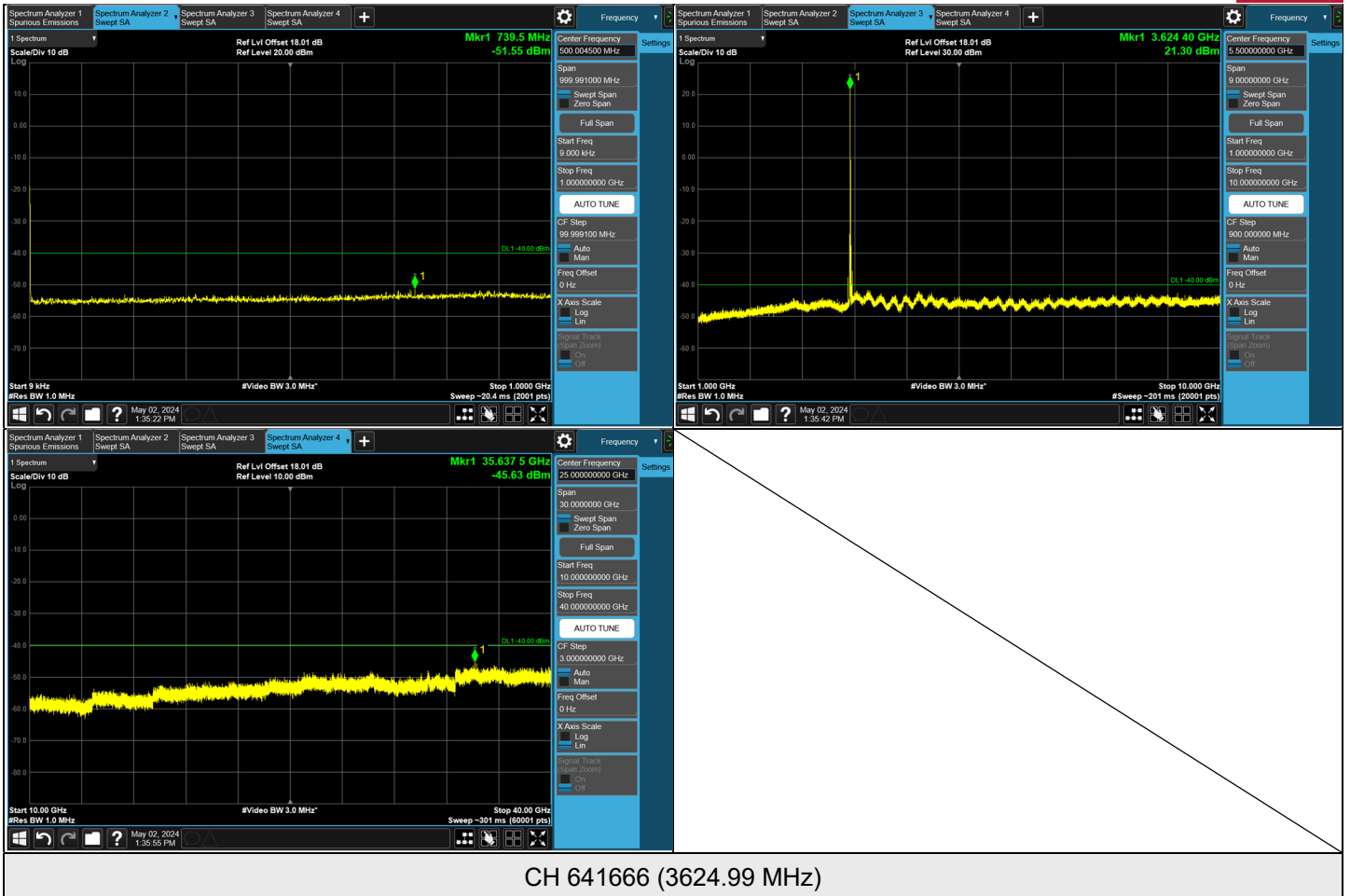


NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz) Chain 0, Channel Bandwidth: 15 MHz



CH 637168 (3557.52 MHz)

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



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