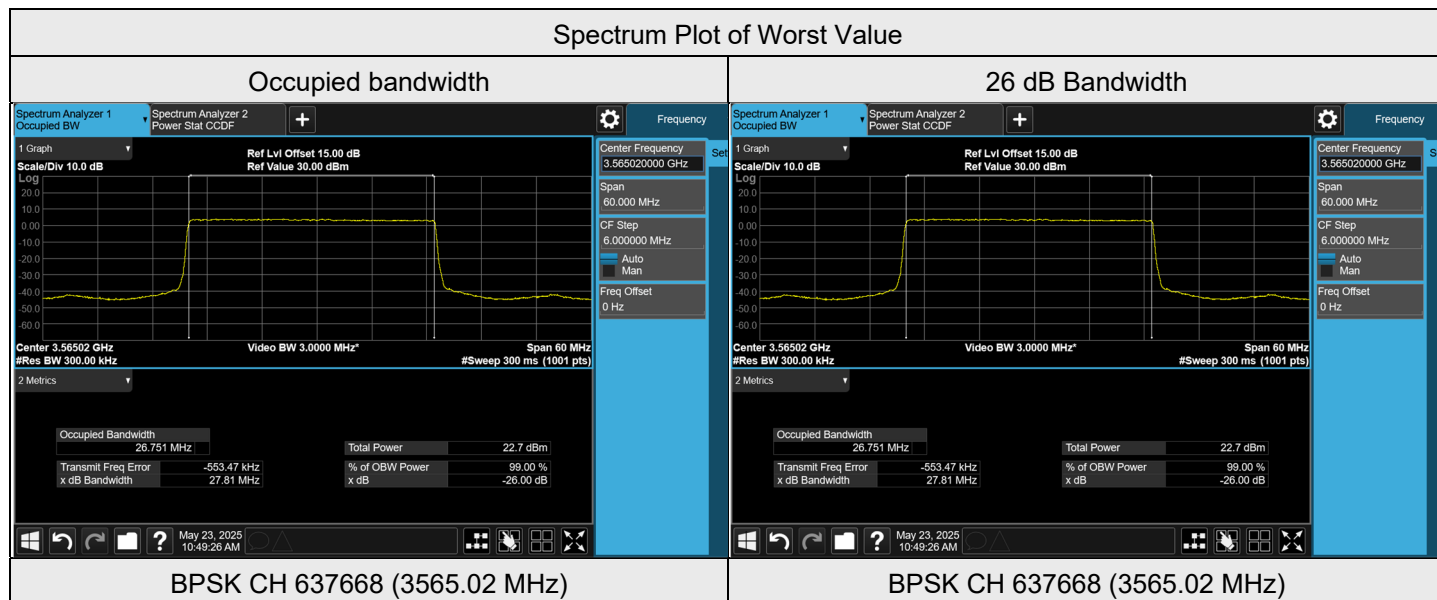


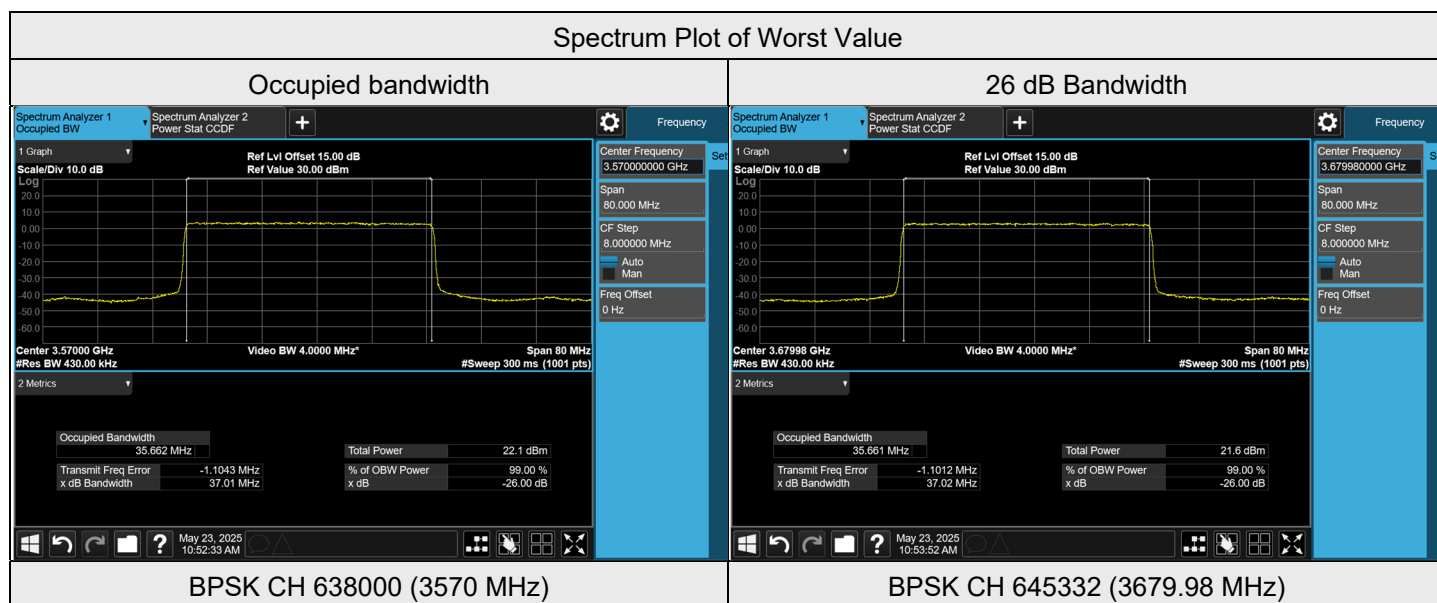
NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz), Ant 2, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	637668	3565.02	26.751	27.81
BPSK	641666	3624.99	26.737	27.75
BPSK	645666	3684.99	26.733	27.77



NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz), Ant 2, Channel Bandwidth: 40 MHz

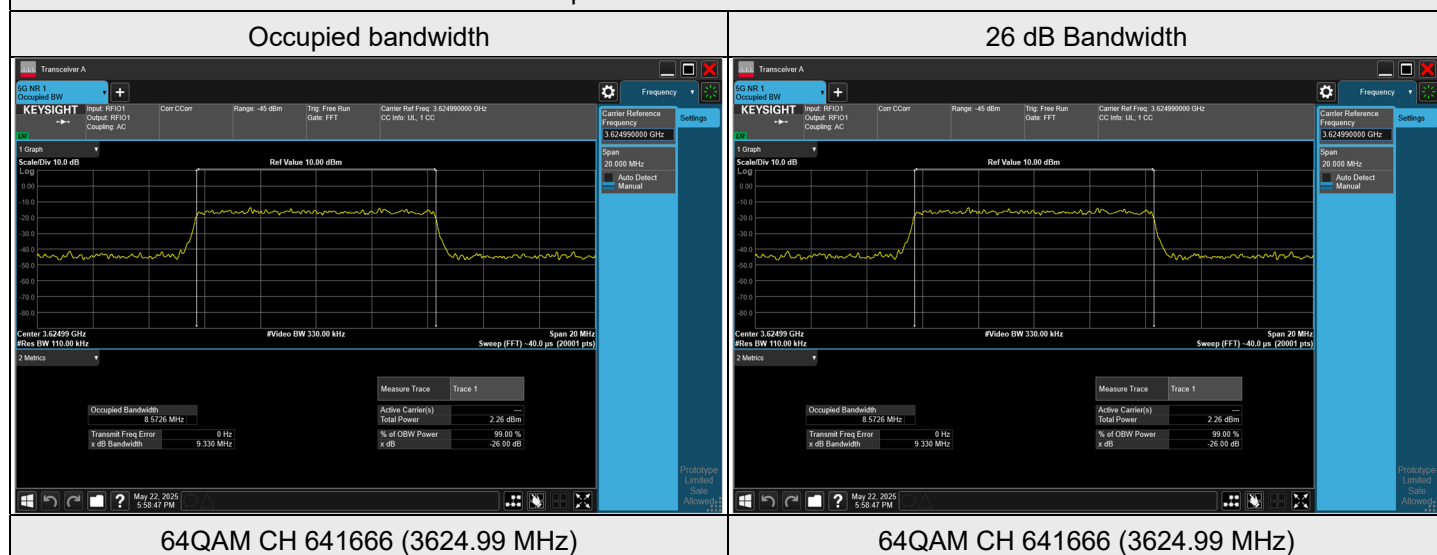
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	638000	3570	35.662	37.01
BPSK	641666	3624.99	35.635	37.02
BPSK	645332	3679.98	35.661	37.02



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637000	3555	8.5645	9.280
QPSK	641666	3624.99	8.5700	9.278
QPSK	646332	3694.98	8.5600	9.305
16QAM	637000	3555	8.5624	9.175
16QAM	641666	3624.99	8.5442	9.182
16QAM	646332	3694.98	8.5522	9.205
64QAM	637000	3555	8.5403	9.152
64QAM	641666	3624.99	8.5726	9.330
64QAM	646332	3694.98	8.5408	9.176
256QAM	637000	3555	8.5701	9.286
256QAM	641666	3624.99	8.5529	9.307
256QAM	646332	3694.98	8.5607	9.242

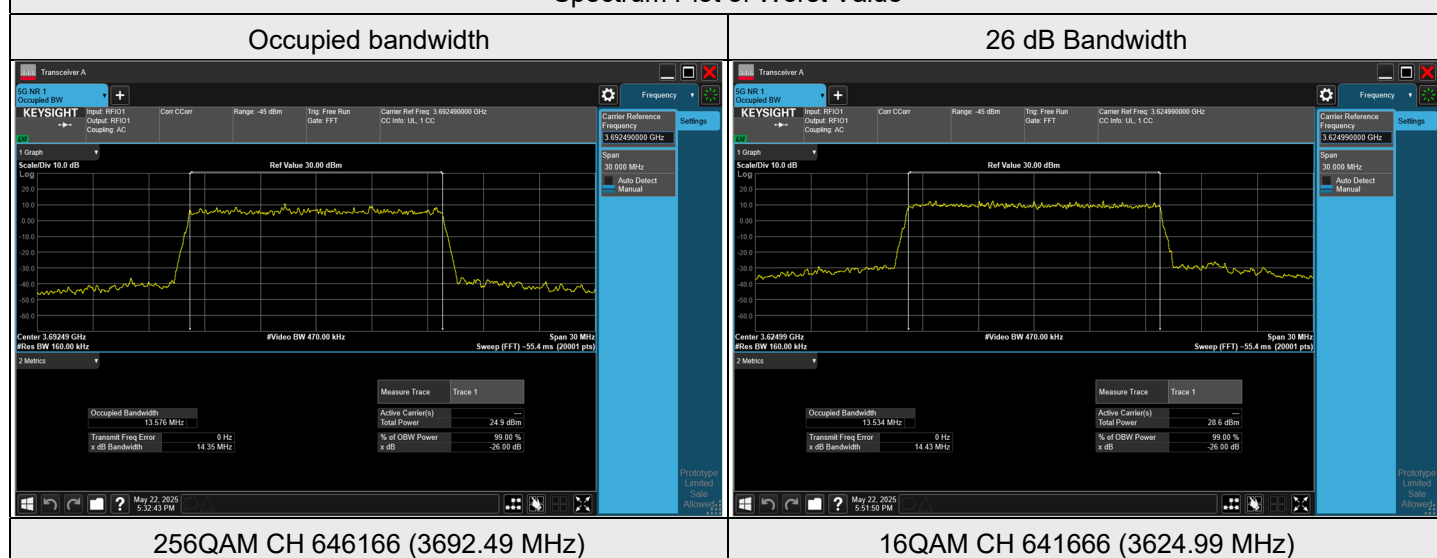
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637168	3557.52	13.525	14.39
QPSK	641666	3624.99	13.516	14.30
QPSK	646166	3692.49	13.543	14.38
16QAM	637168	3557.52	13.551	14.36
16QAM	641666	3624.99	13.534	14.43
16QAM	646166	3692.49	13.546	14.26
64QAM	637168	3557.52	13.509	14.33
64QAM	641666	3624.99	13.543	14.41
64QAM	646166	3692.49	13.555	14.39
256QAM	637168	3557.52	13.555	14.41
256QAM	641666	3624.99	13.573	14.35
256QAM	646166	3692.49	13.576	14.35

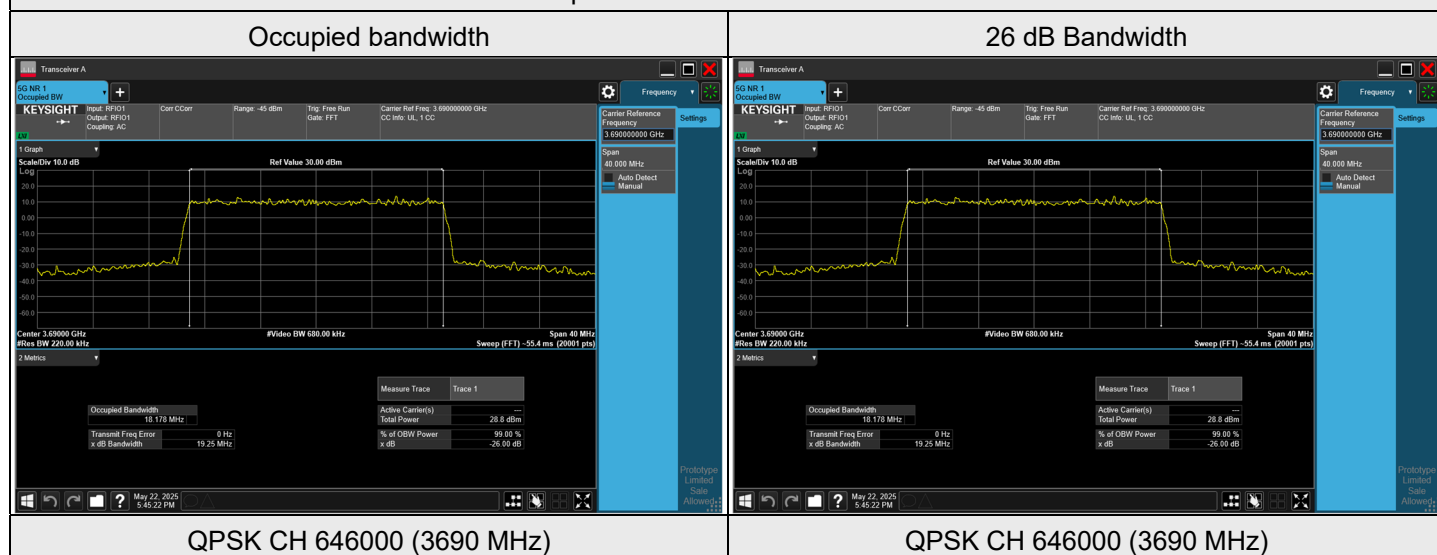
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637334	3560.01	18.177	19.17
QPSK	641666	3624.99	18.172	19.15
QPSK	646000	3690	18.178	19.25
16QAM	637334	3560.01	18.141	19.09
16QAM	641666	3624.99	18.153	19.14
16QAM	646000	3690	18.169	19.16
64QAM	637334	3560.01	18.161	19.17
64QAM	641666	3624.99	18.165	19.09
64QAM	646000	3690	18.149	19.12
256QAM	637334	3560.01	18.145	19.04
256QAM	641666	3624.99	18.145	18.98
256QAM	646000	3690	18.137	19.06

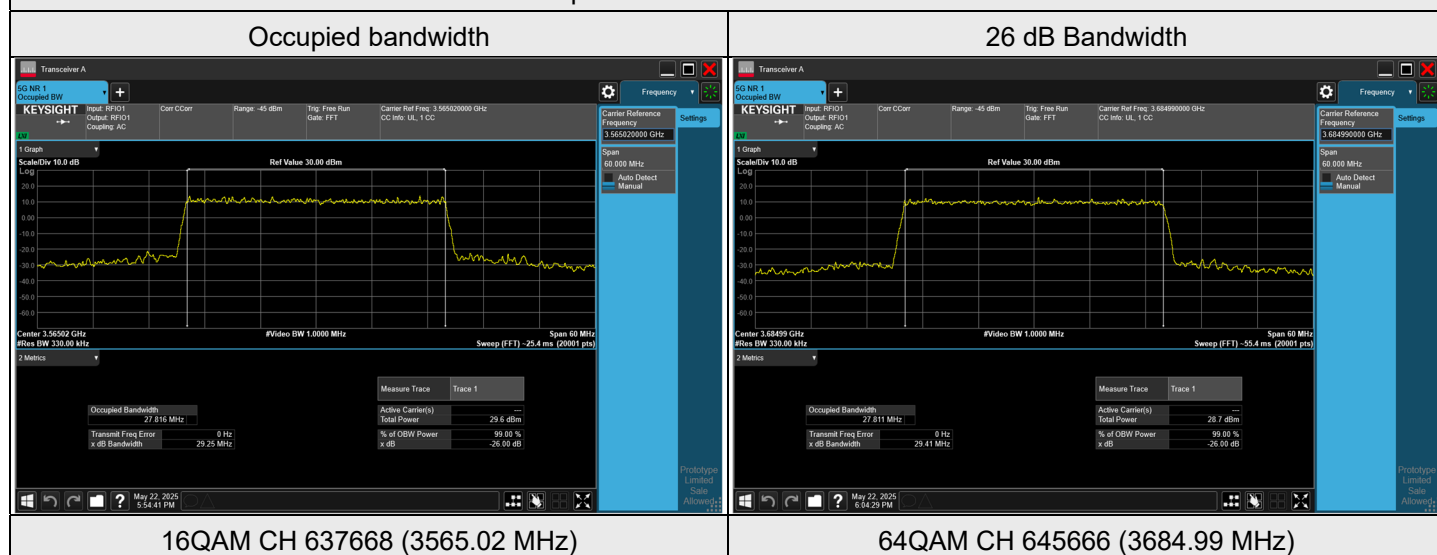
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637668	3565.02	27.788	29.21
QPSK	641666	3624.99	27.768	29.28
QPSK	645666	3684.99	27.775	29.19
16QAM	637668	3565.02	27.816	29.25
16QAM	641666	3624.99	27.783	29.40
16QAM	645666	3684.99	27.786	29.35
64QAM	637668	3565.02	27.681	29.11
64QAM	641666	3624.99	27.674	29.16
64QAM	645666	3684.99	27.811	29.41
256QAM	637668	3565.02	27.764	29.21
256QAM	641666	3624.99	27.765	29.29
256QAM	645666	3684.99	27.763	29.39

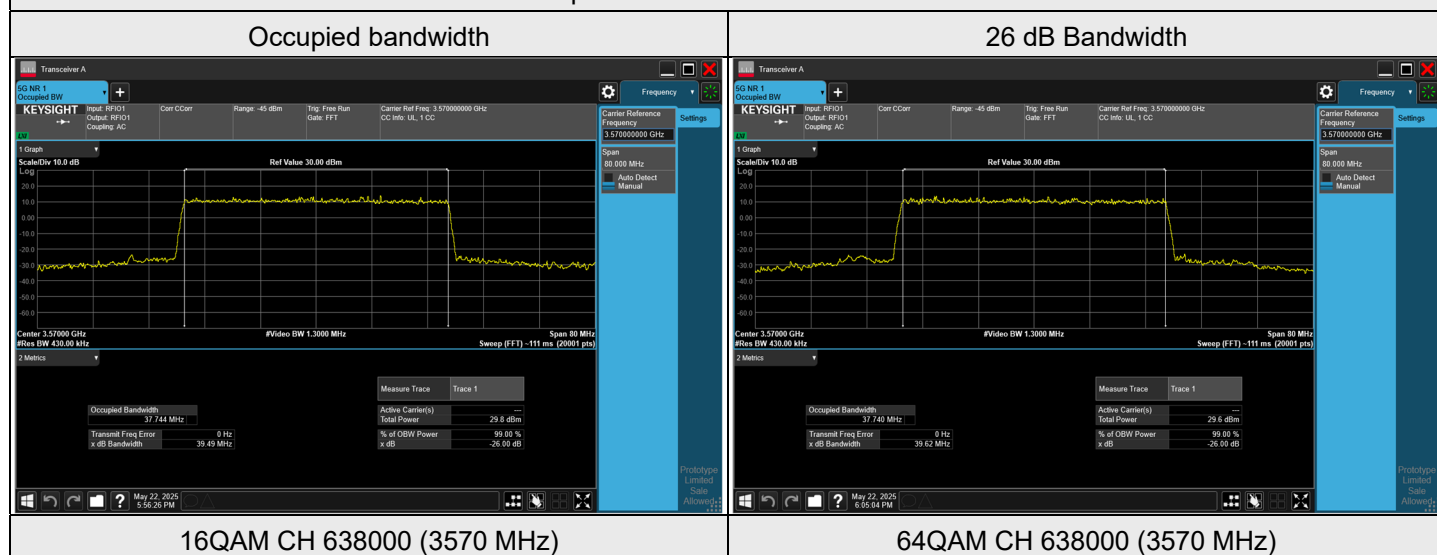
Spectrum Plot of Worst Value



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

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	638000	3570	37.698	39.50
QPSK	641666	3624.99	37.688	39.45
QPSK	645332	3679.98	37.700	39.48
16QAM	638000	3570	37.744	39.49
16QAM	641666	3624.99	37.665	39.37
16QAM	645332	3679.98	37.714	39.41
64QAM	638000	3570	37.740	39.62
64QAM	641666	3624.99	37.739	39.53
64QAM	645332	3679.98	37.730	39.47
256QAM	638000	3570	37.738	39.54
256QAM	641666	3624.99	37.724	39.51
256QAM	645332	3679.98	37.716	39.40

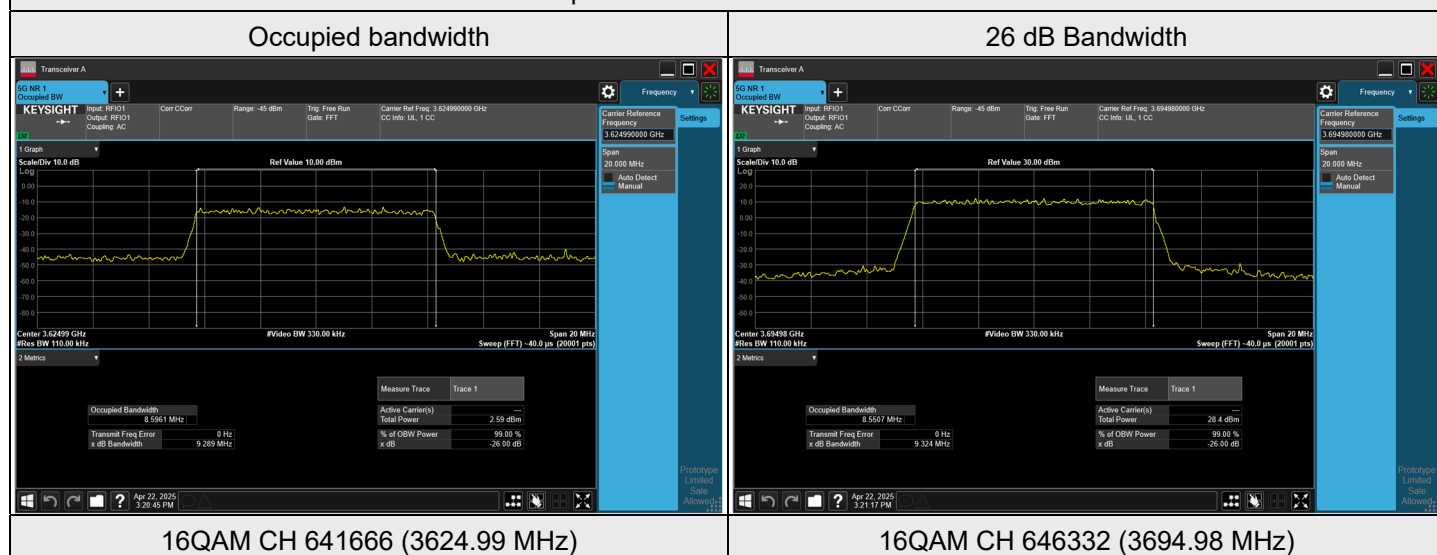
Spectrum Plot of Worst Value



NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz), MIMO-Ant 2, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637000	3555	8.5622	9.246
QPSK	641666	3624.99	8.5449	9.211
QPSK	646332	3694.98	8.5485	9.283
16QAM	637000	3555	8.5648	9.230
16QAM	641666	3624.99	8.5961	9.289
16QAM	646332	3694.98	8.5507	9.324
64QAM	637000	3555	8.5750	9.268
64QAM	641666	3624.99	8.5742	9.230
64QAM	646332	3694.98	8.5725	9.283
256QAM	637000	3555	8.5546	9.225
256QAM	641666	3624.99	8.5568	9.204
256QAM	646332	3694.98	8.5569	9.211

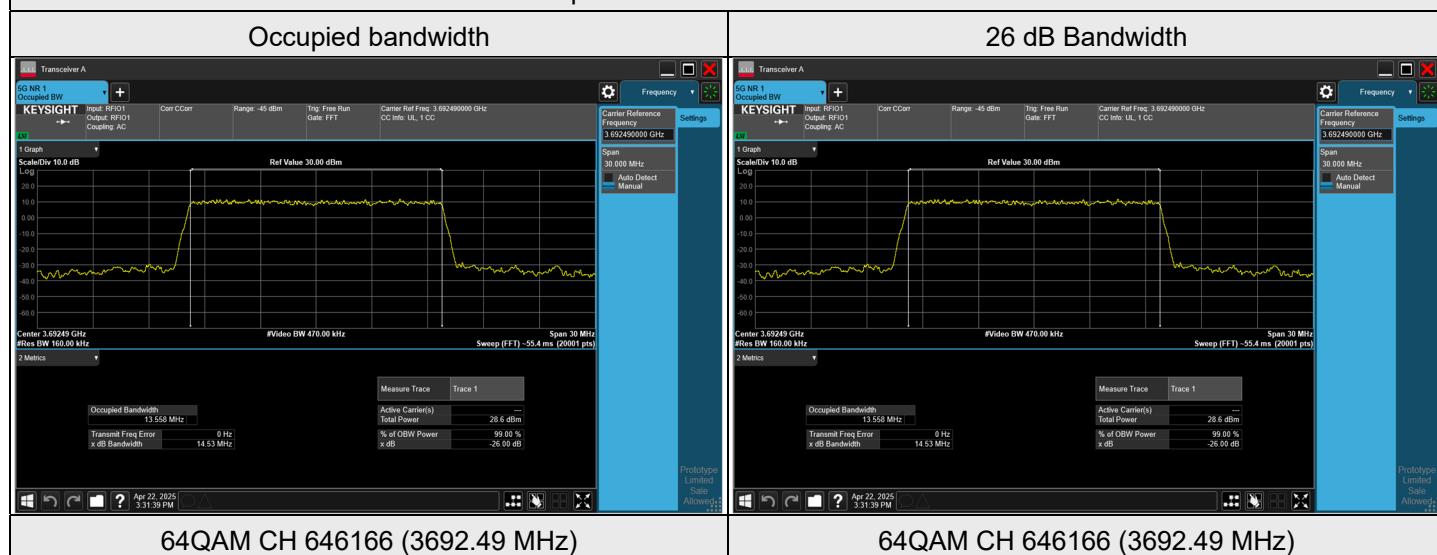
Spectrum Plot of Worst Value



NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz), MIMO-Ant 2, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637168	3557.52	13.518	14.40
QPSK	641666	3624.99	13.537	14.41
QPSK	646166	3692.49	13.537	14.41
16QAM	637168	3557.52	13.513	14.40
16QAM	641666	3624.99	13.507	14.45
16QAM	646166	3692.49	13.513	14.31
64QAM	637168	3557.52	13.534	14.25
64QAM	641666	3624.99	13.525	14.35
64QAM	646166	3692.49	13.558	14.53
256QAM	637168	3557.52	13.548	14.36
256QAM	641666	3624.99	13.545	14.36
256QAM	646166	3692.49	13.540	14.43

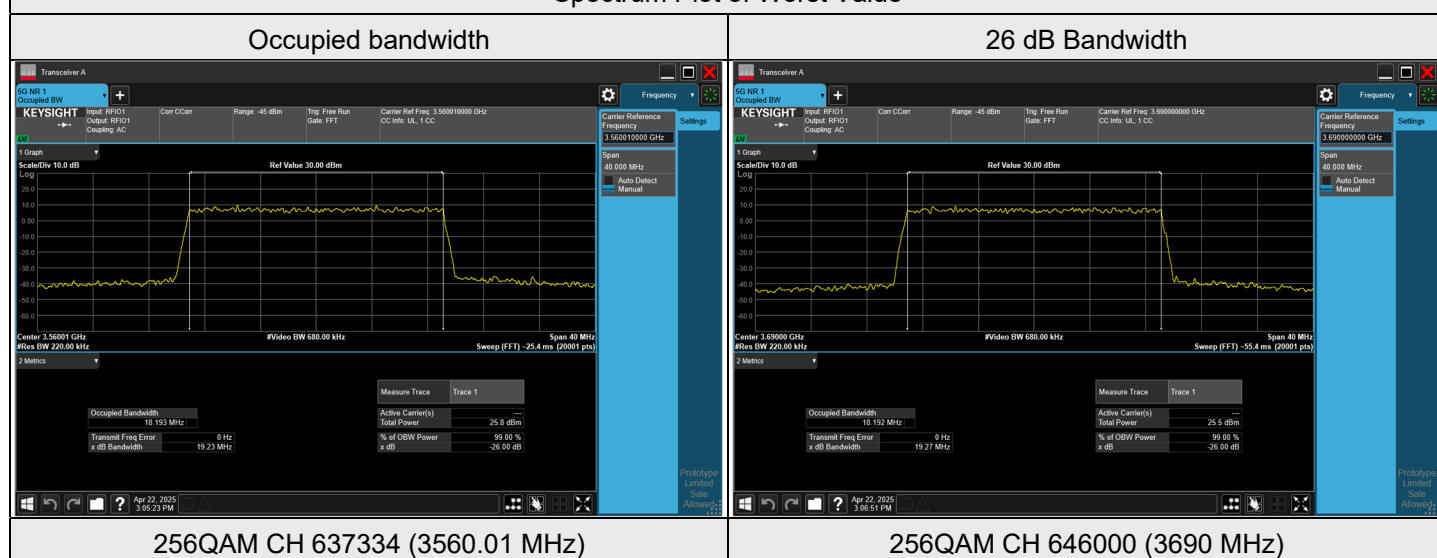
Spectrum Plot of Worst Value



NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz), MIMO-Ant 2, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637334	3560.01	17.953	18.71
QPSK	637334	3560.01	18.176	19.13
QPSK	641666	3624.99	18.181	19.17
16QAM	637334	3560.01	18.125	19.07
16QAM	641666	3624.99	18.125	19.19
16QAM	646000	3690	18.130	19.11
64QAM	637334	3560.01	18.113	19.14
64QAM	641666	3624.99	18.106	19.13
64QAM	646000	3690	18.144	19.09
256QAM	637334	3560.01	18.193	19.23
256QAM	641666	3624.99	18.189	19.07
256QAM	646000	3690	18.192	19.27

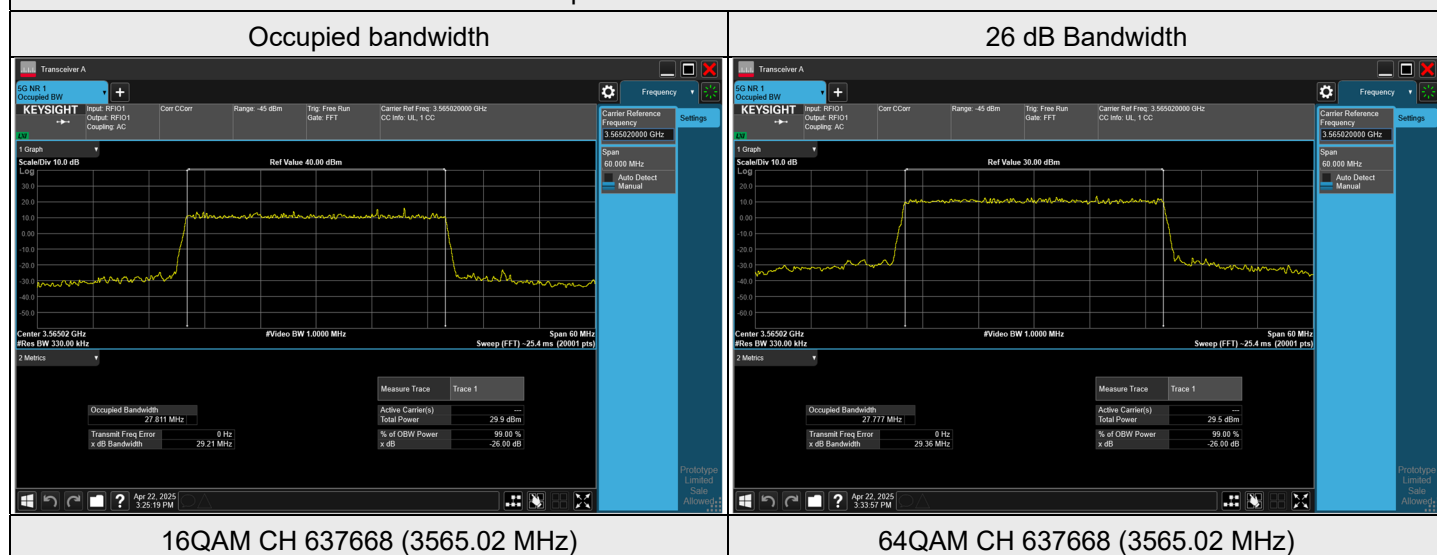
Spectrum Plot of Worst Value



NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz), MIMO-Ant 2, Channel Bandwidth: 30 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	637668	3565.02	27.720	29.31
QPSK	641666	3624.99	27.753	29.21
QPSK	645666	3684.99	27.805	29.19
16QAM	637668	3565.02	27.811	29.21
16QAM	641666	3624.99	27.782	29.20
16QAM	645666	3684.99	27.800	29.29
64QAM	637668	3565.02	27.777	29.36
64QAM	641666	3624.99	27.805	29.28
64QAM	645666	3684.99	27.751	29.16
256QAM	637668	3565.02	27.734	29.22
256QAM	641666	3624.99	27.739	29.23
256QAM	645666	3684.99	27.714	29.11

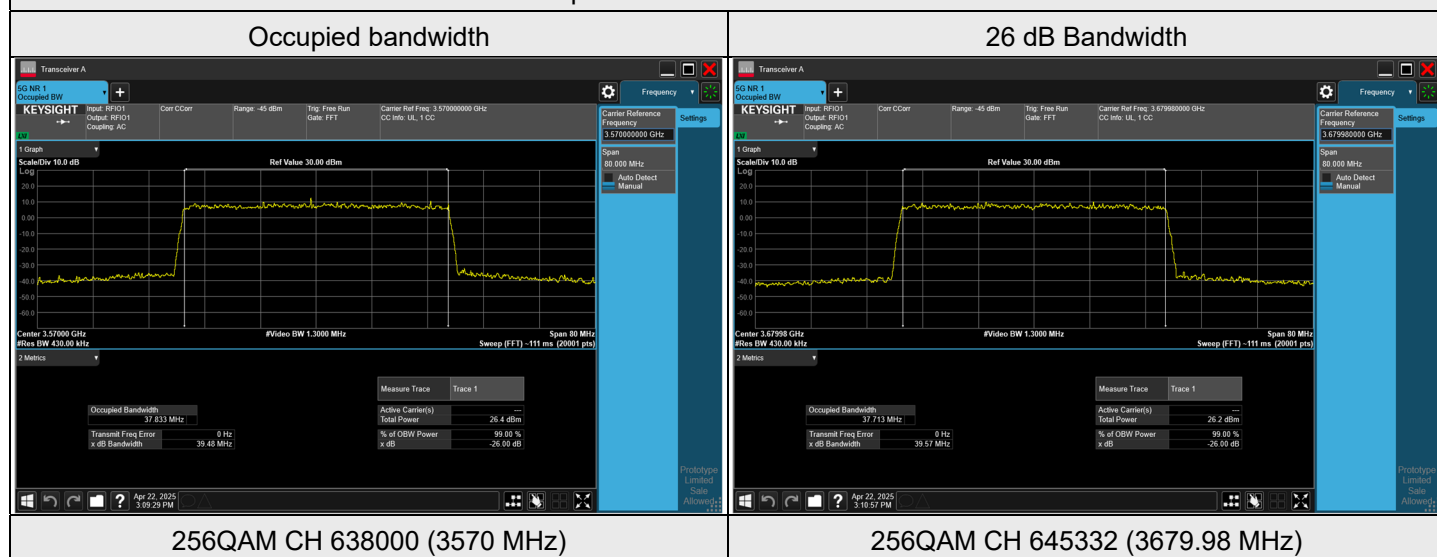
Spectrum Plot of Worst Value



NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz), MIMO-Ant 2, Channel Bandwidth: 40 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	638000	3570	37.199	39.25
QPSK	641666	3624.99	37.682	39.43
QPSK	645332	3679.98	37.689	39.43
16QAM	638000	3570	37.761	39.56
16QAM	641666	3624.99	37.802	39.56
16QAM	645332	3679.98	37.792	39.34
64QAM	638000	3570	37.729	39.47
64QAM	641666	3624.99	37.746	39.55
64QAM	645332	3679.98	37.714	39.54
256QAM	638000	3570	37.833	39.48
256QAM	641666	3624.99	37.696	39.55
256QAM	645332	3679.98	37.713	39.57

Spectrum Plot of Worst Value

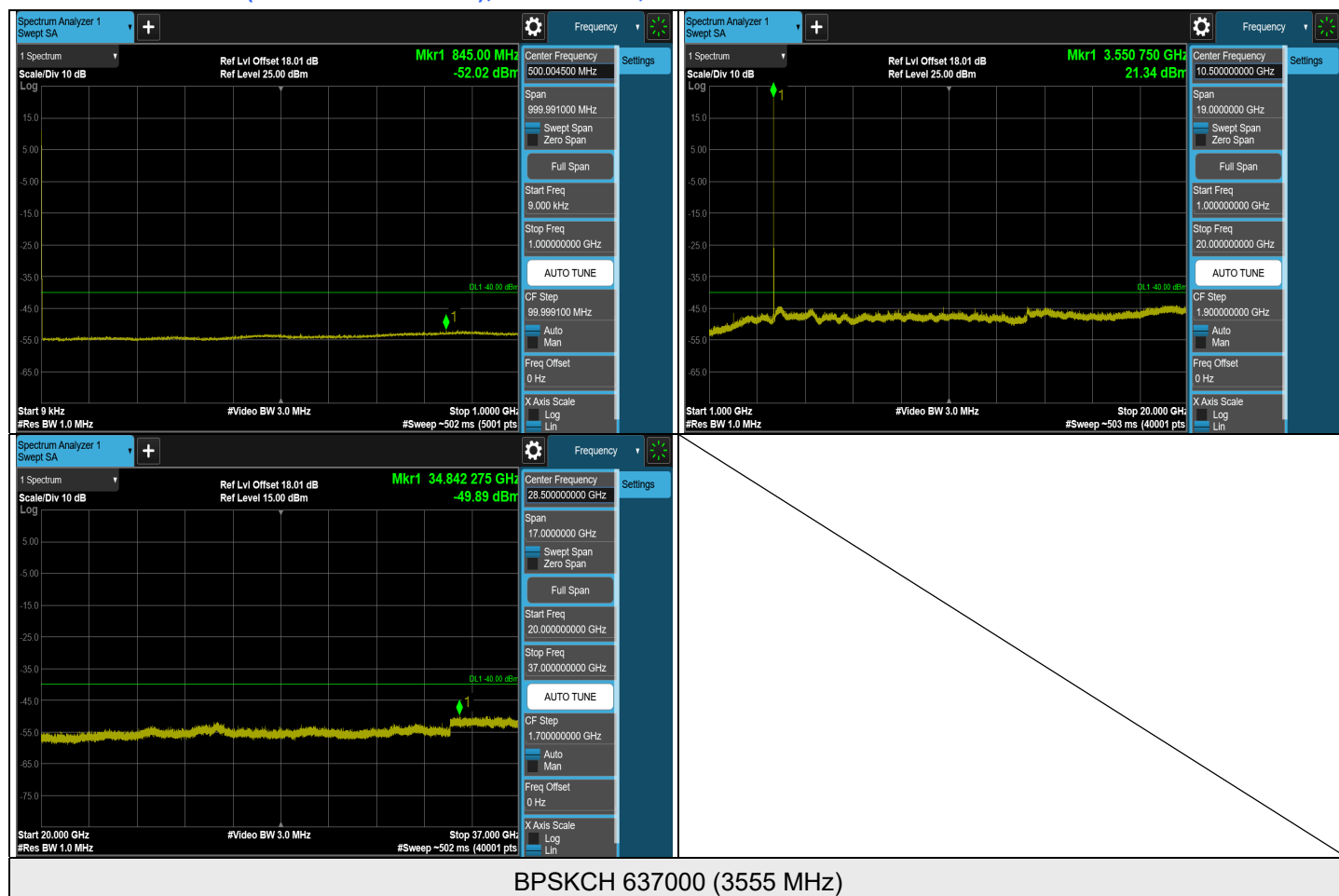


7.5 Conducted Spurious Emissions

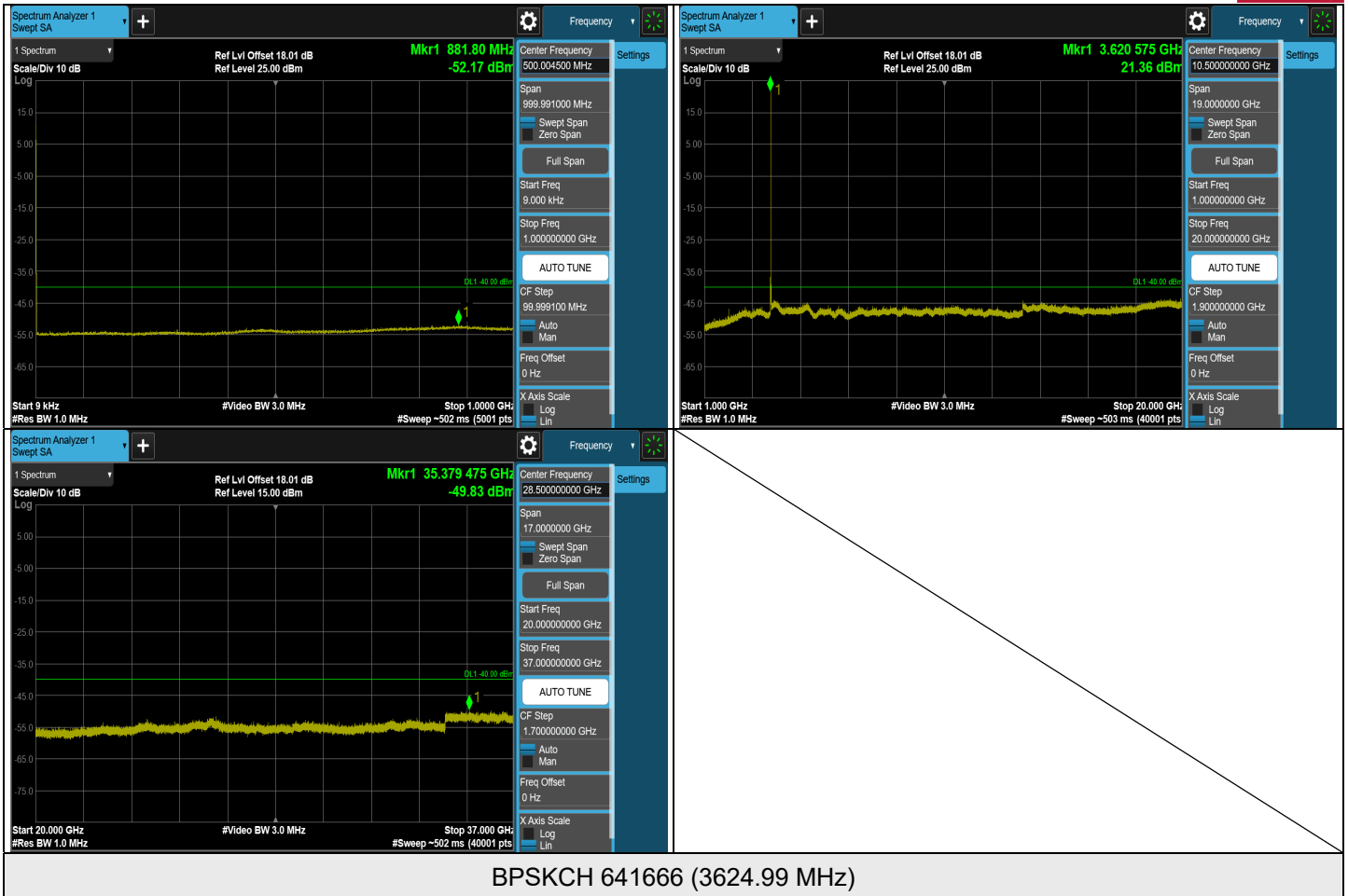
Input Power:	120 Vac, 60 Hz	Environmental Conditions:	20°C, 77% RH	Tested By:	Willy Cheng
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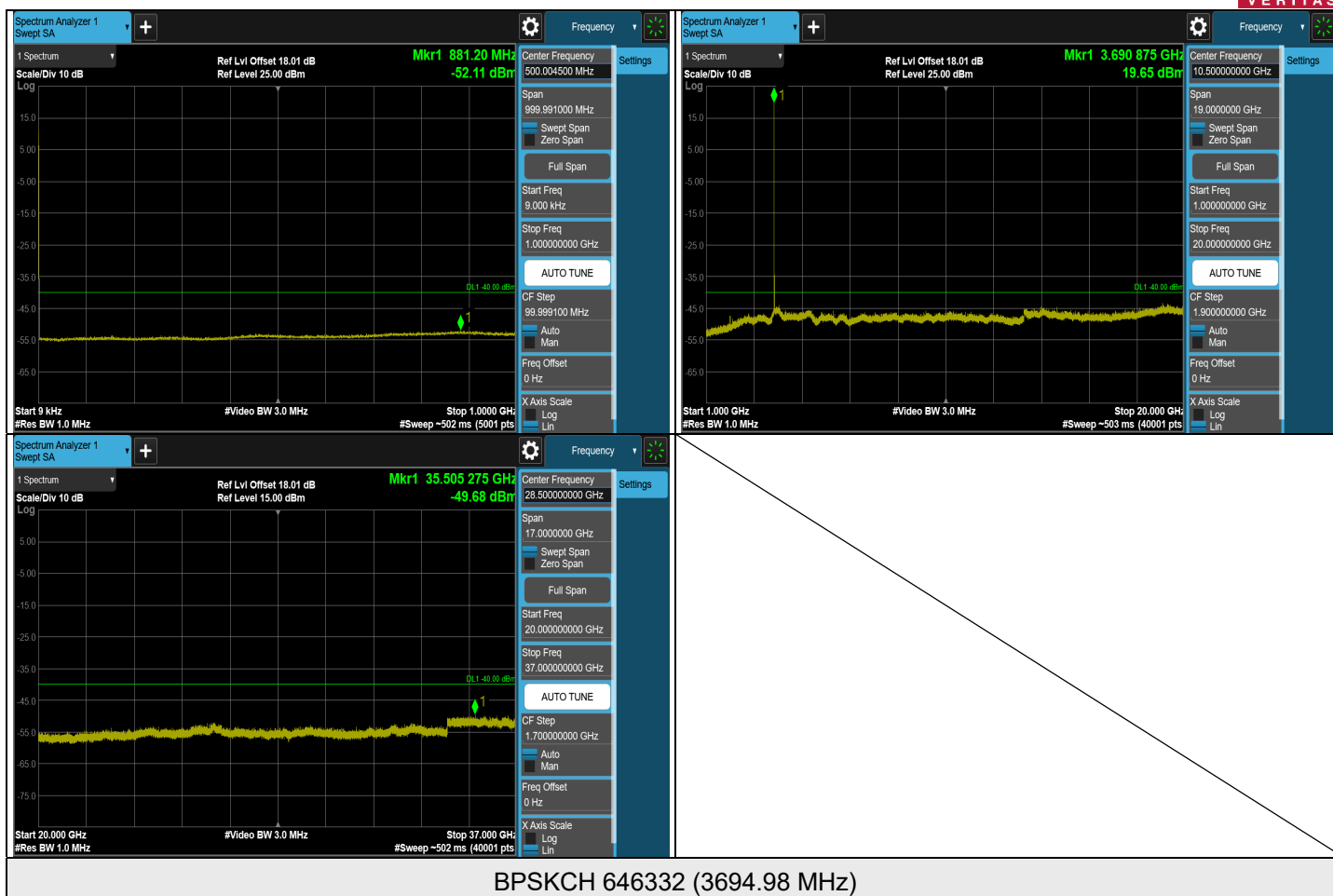
7.5.1 NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz)

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



BPSKCH 637000 (3555 MHz)





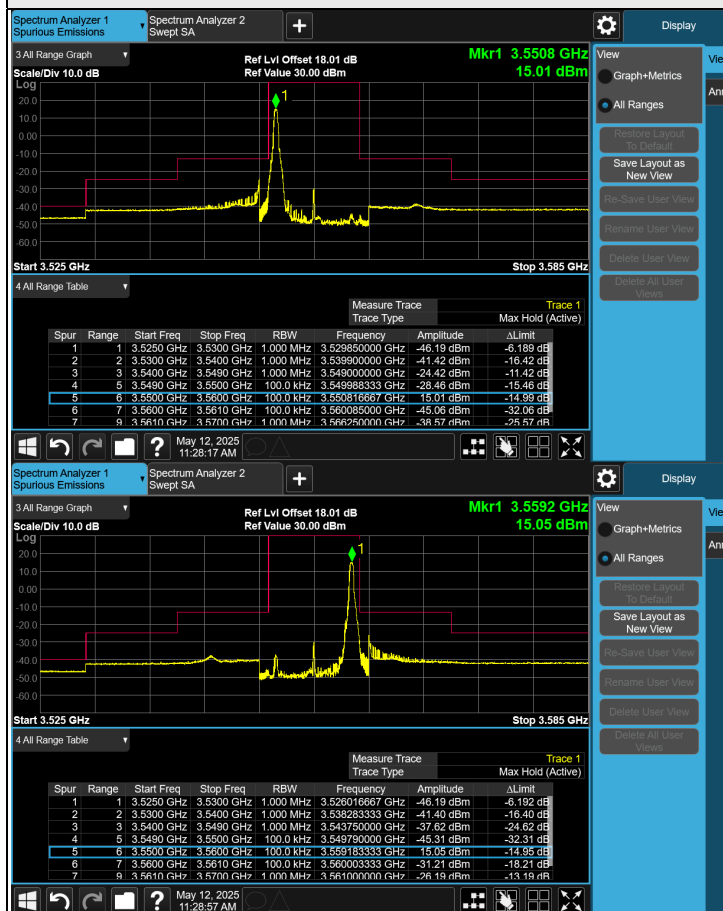
BPSKCH 646332 (3694.98 MHz)

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

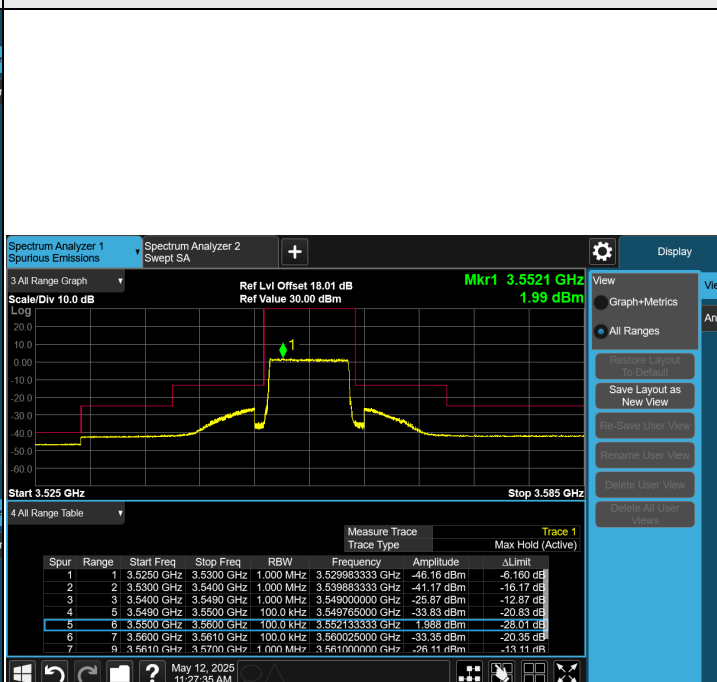
NR n48 SCS 30 kHz (3.55 GHz ~ 3.7 GHz), MIMO-Ant 1, Channel Bandwidth: 10 MHz

CH 637000 (3555 MHz)

1 RB



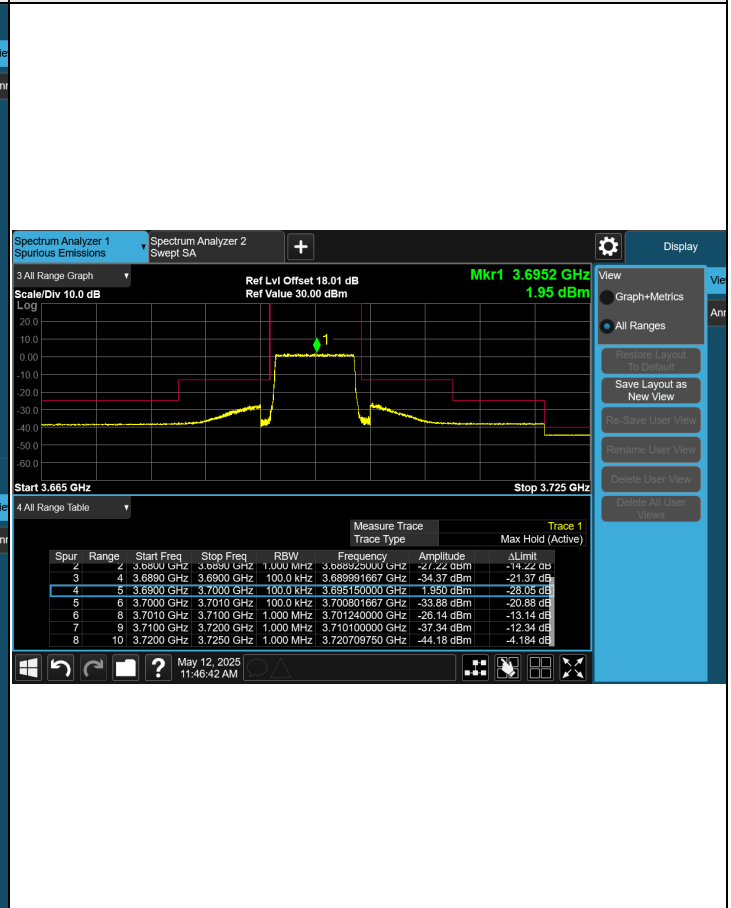
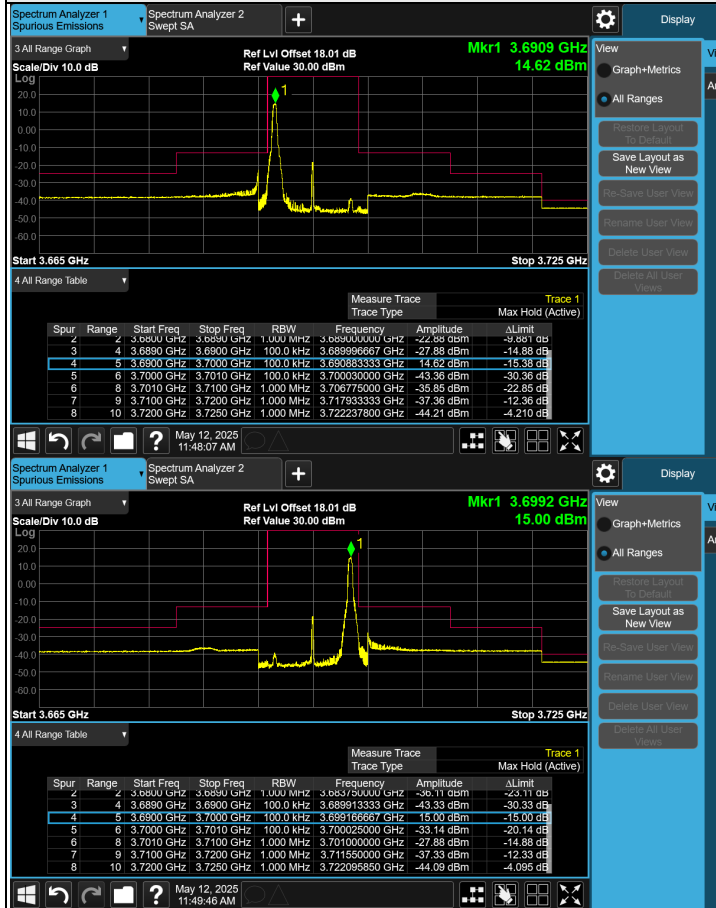
FULL RB



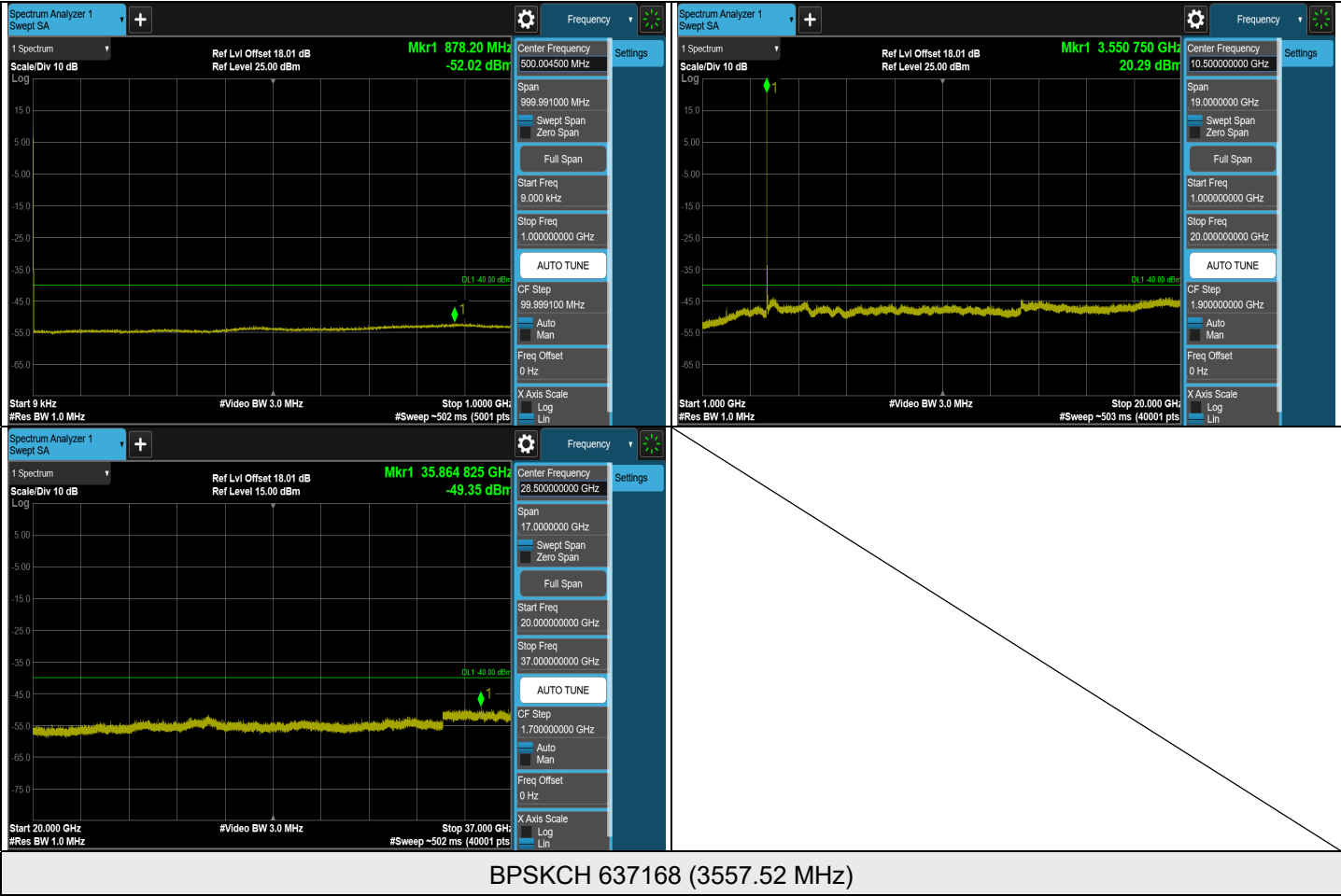
CH 646332 (3694.98 MHz)

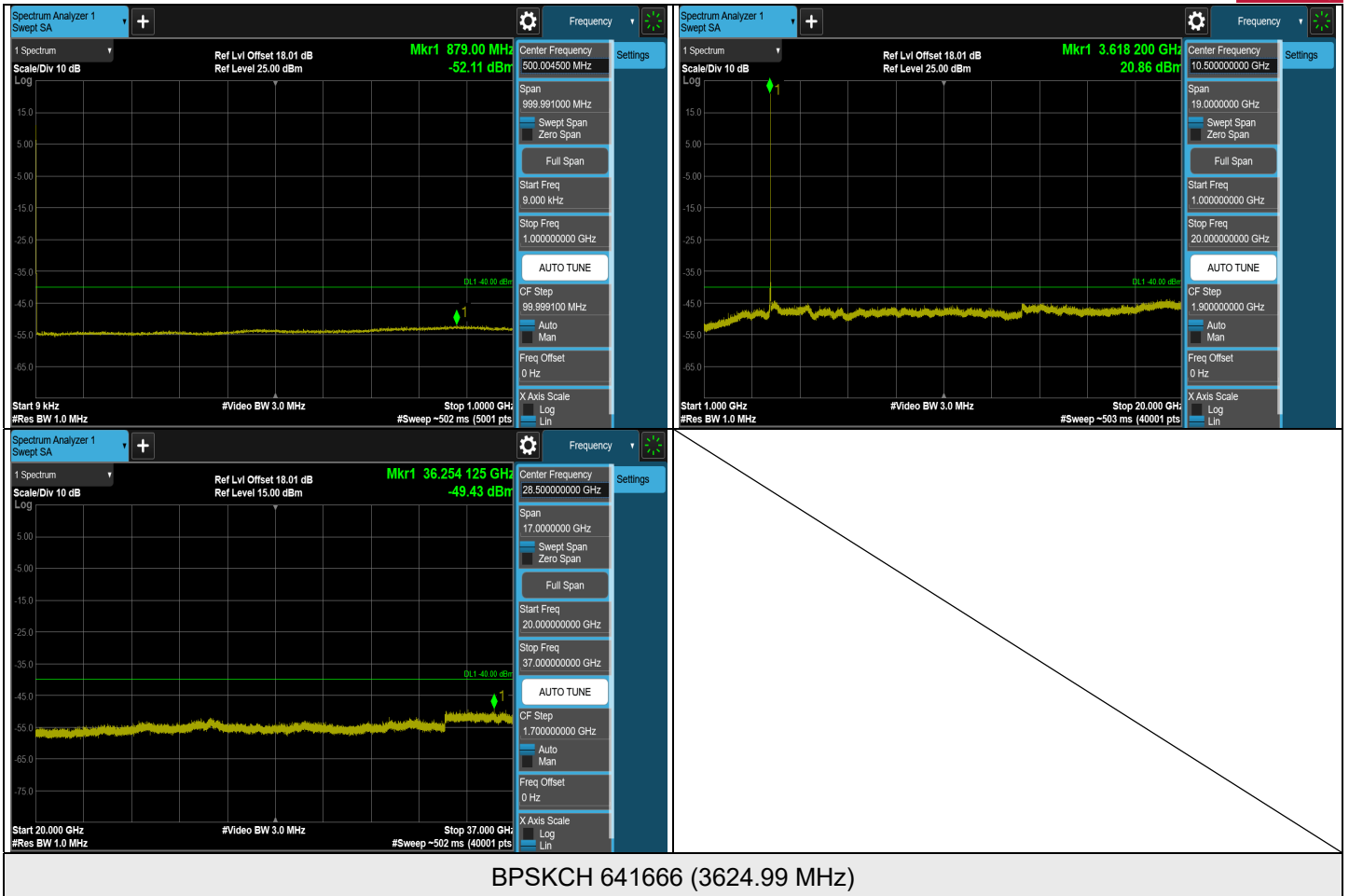
1 RB

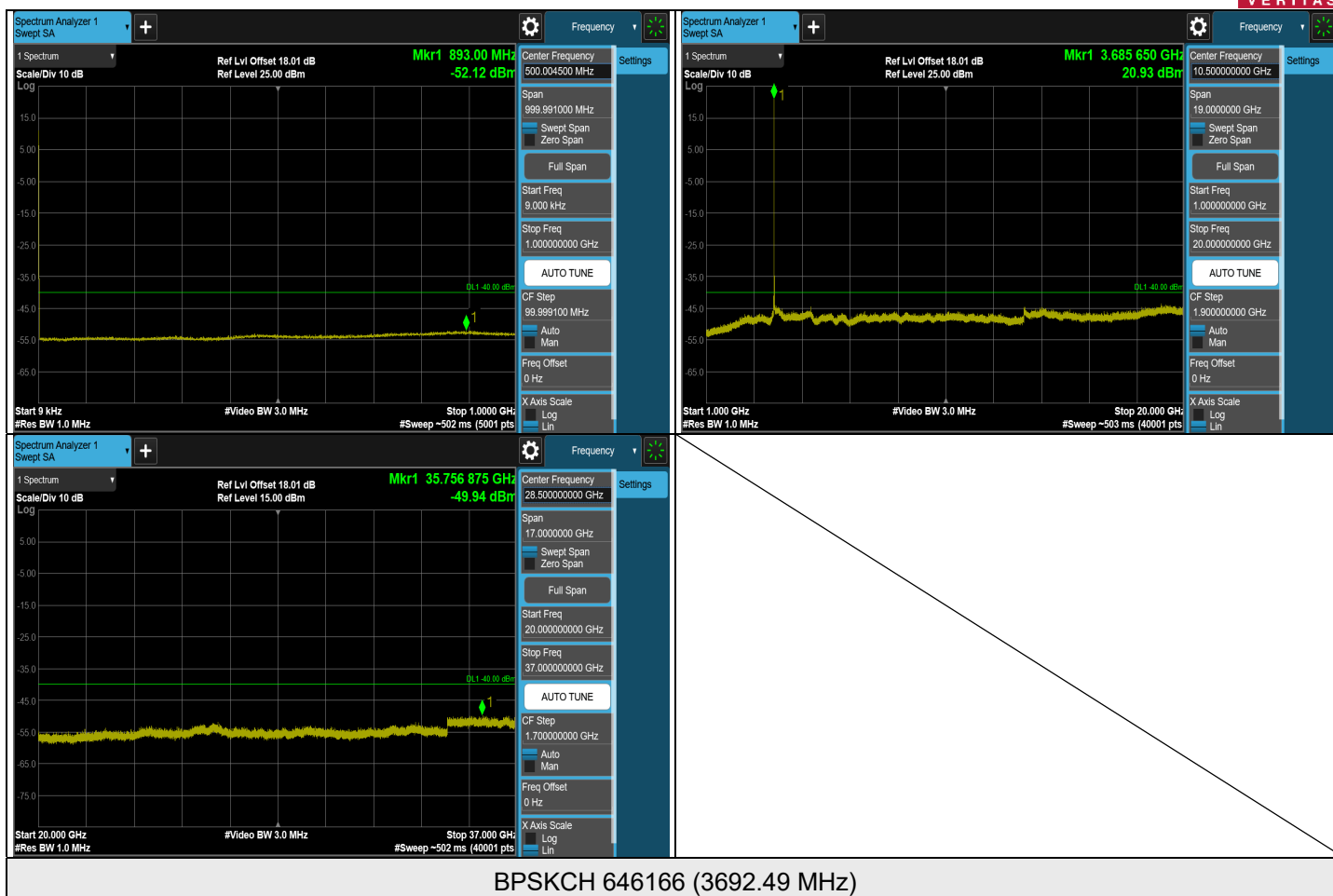
FULL RB



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







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

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

CH 637168 (3557.52 MHz)

