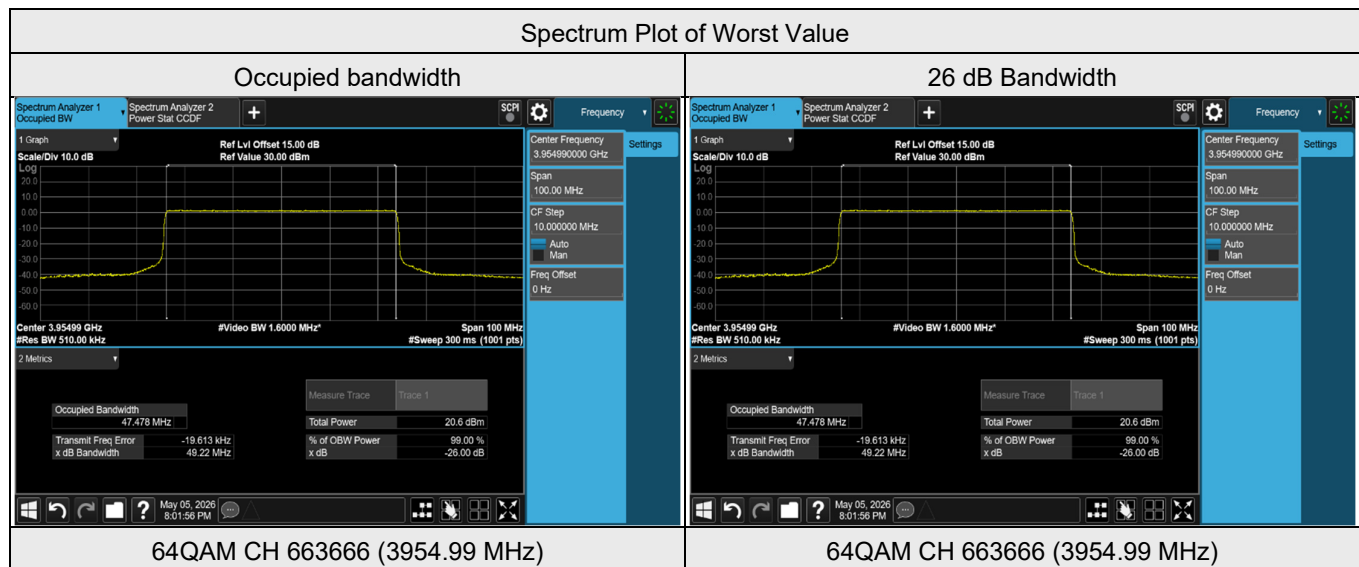


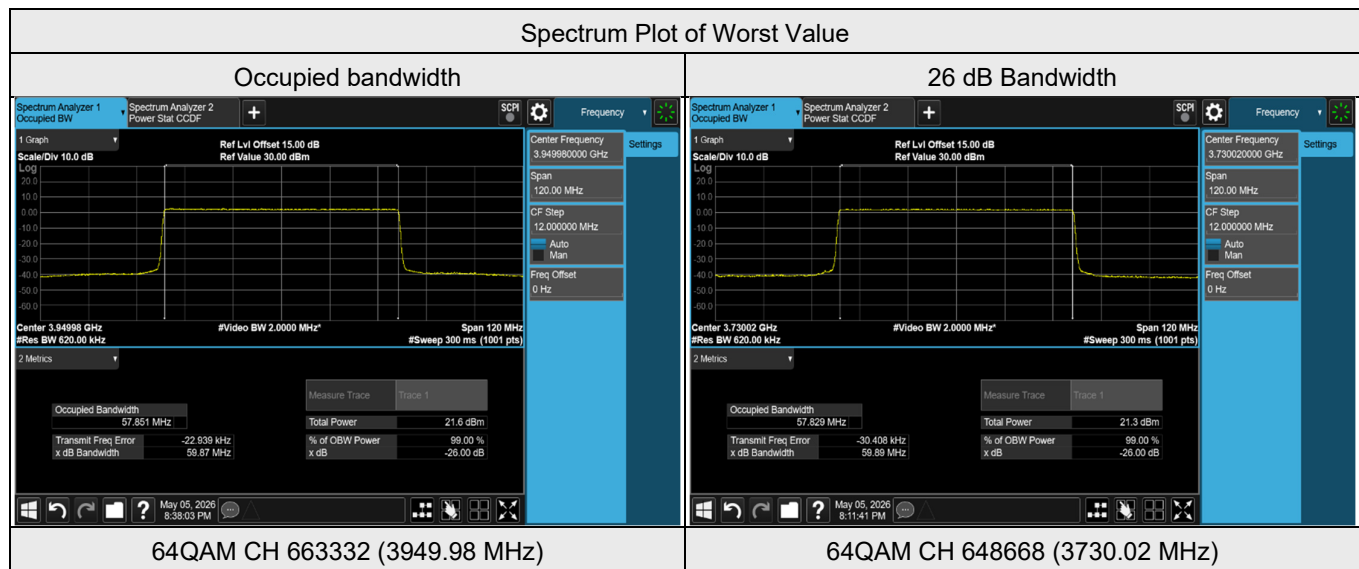
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 50 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	648334	3725.01	45.660	47.37
BPSK	656000	3840	45.640	47.34
BPSK	663666	3954.99	45.678	47.34
QPSK	648334	3725.01	47.450	49.18
QPSK	656000	3840	47.448	49.21
QPSK	663666	3954.99	47.471	49.21
16QAM	648334	3725.01	47.455	49.20
16QAM	656000	3840	47.455	49.14
16QAM	663666	3954.99	47.462	49.18
64QAM	648334	3725.01	47.450	49.16
64QAM	656000	3840	47.451	49.17
64QAM	663666	3954.99	47.478	49.22
256QAM	648334	3725.01	47.452	49.17
256QAM	656000	3840	47.453	49.17
256QAM	663666	3954.99	47.456	49.14



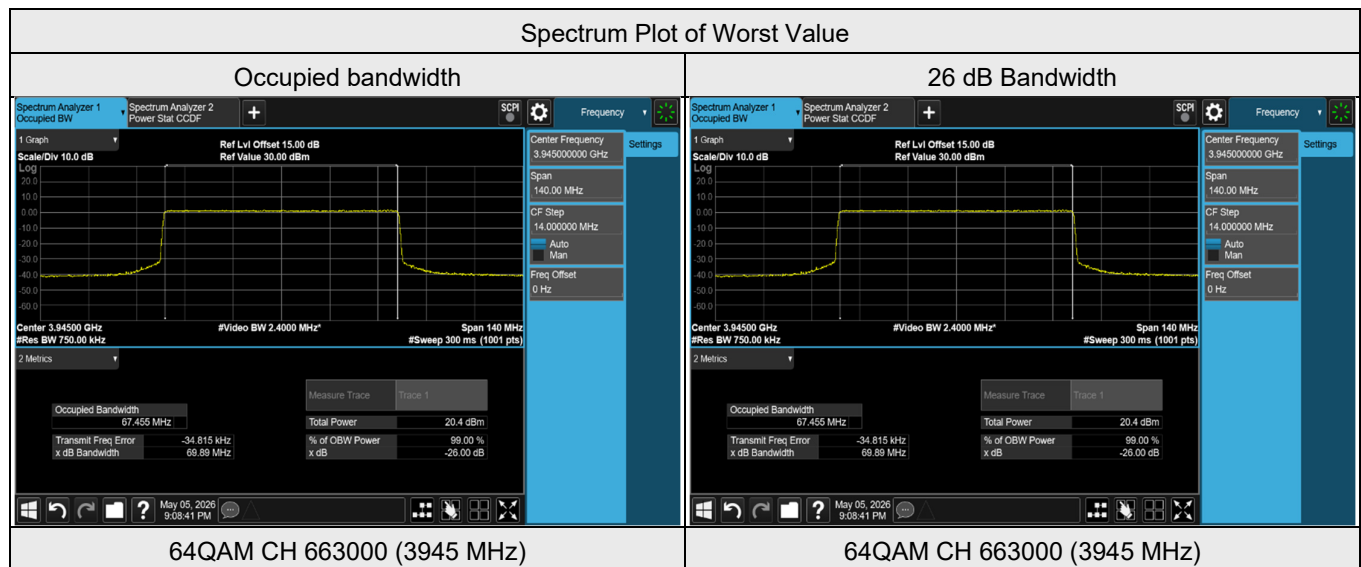
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 60 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	648668	3730.02	57.723	59.79
BPSK	656000	3840	57.757	59.83
BPSK	663332	3949.98	57.793	59.81
QPSK	648668	3730.02	57.791	59.85
QPSK	656000	3840	57.792	59.83
QPSK	663332	3949.98	57.816	59.86
16QAM	648668	3730.02	57.814	59.85
16QAM	656000	3840	57.793	59.85
16QAM	663332	3949.98	57.839	59.86
64QAM	648668	3730.02	57.829	59.89
64QAM	656000	3840	57.814	59.89
64QAM	663332	3949.98	57.851	59.87
256QAM	648668	3730.02	57.795	59.86
256QAM	656000	3840	57.809	59.83
256QAM	663332	3949.98	57.827	59.84



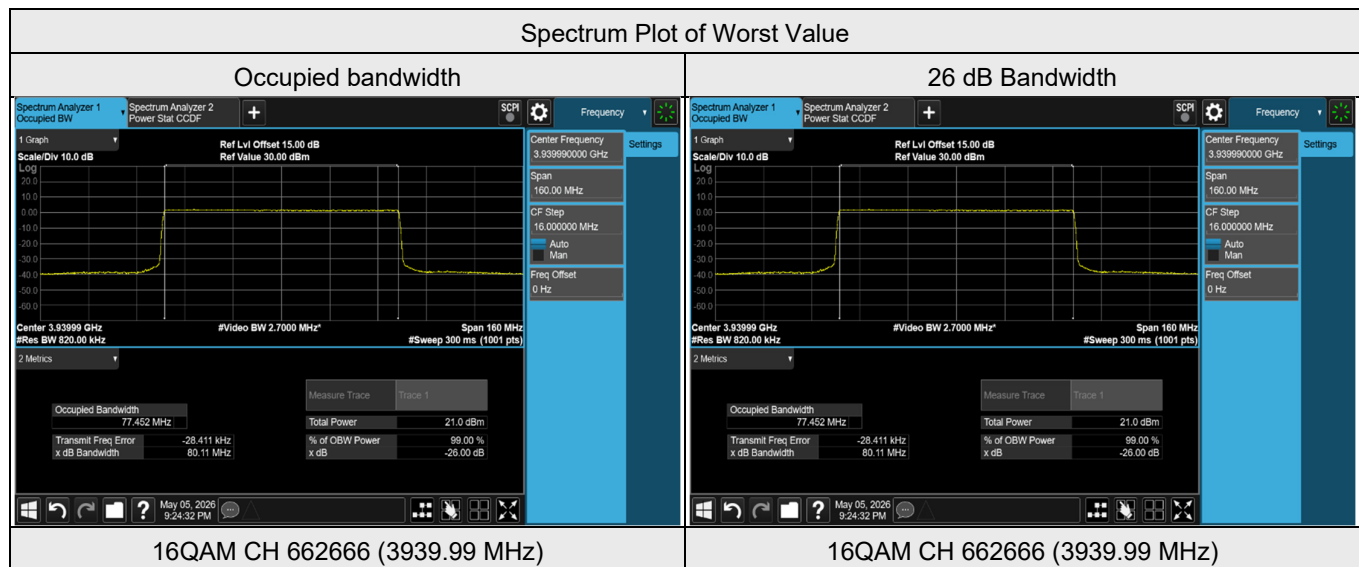
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 70 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649000	3735	64.236	66.59
BPSK	656000	3840	64.211	66.62
BPSK	663000	3945	64.234	66.59
QPSK	649000	3735	67.422	69.85
QPSK	656000	3840	67.420	69.84
QPSK	663000	3945	67.436	69.83
16QAM	649000	3735	67.426	69.85
16QAM	656000	3840	67.432	69.85
16QAM	663000	3945	67.447	69.85
64QAM	649000	3735	67.417	69.89
64QAM	656000	3840	67.421	69.86
64QAM	663000	3945	67.455	69.89
256QAM	649000	3735	67.417	69.85
256QAM	656000	3840	67.405	69.84
256QAM	663000	3945	67.432	69.85



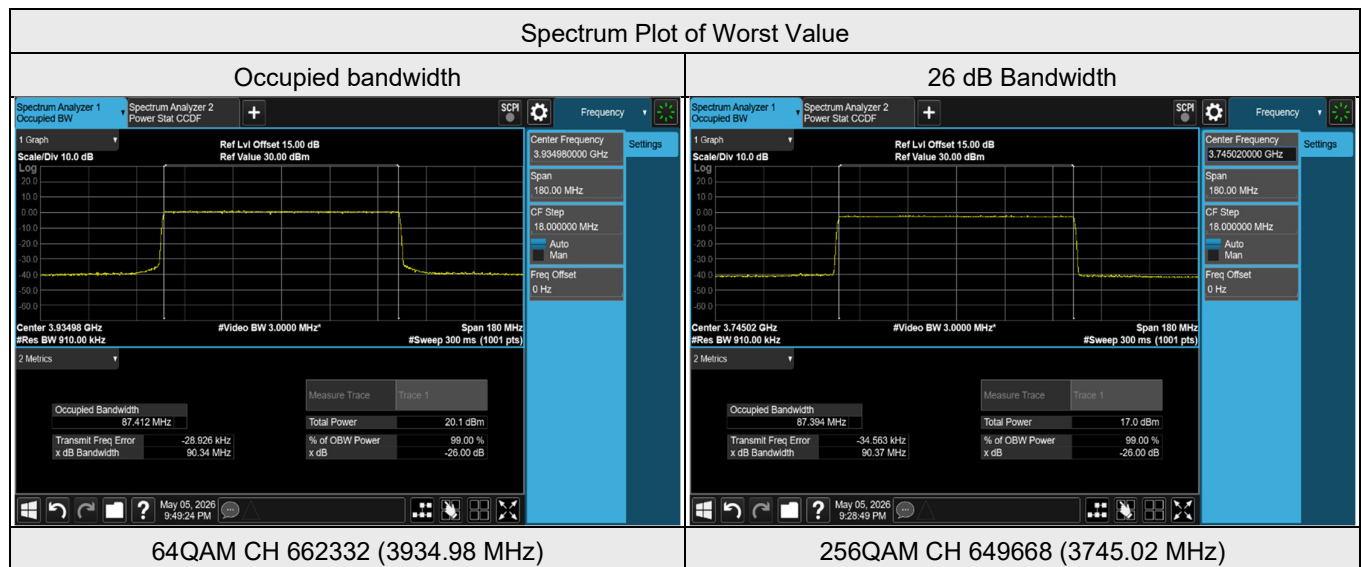
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 80 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649334	3740.01	77.015	79.72
BPSK	656000	3840	77.016	79.72
BPSK	662666	3939.99	77.068	79.73
QPSK	649334	3740.01	77.388	80.09
QPSK	656000	3840	77.374	80.07
QPSK	662666	3939.99	77.403	80.10
16QAM	649334	3740.01	77.417	80.09
16QAM	656000	3840	77.395	80.09
16QAM	662666	3939.99	77.452	80.11
64QAM	649334	3740.01	77.399	80.08
64QAM	656000	3840	77.390	80.07
64QAM	662666	3939.99	77.428	80.07
256QAM	649334	3740.01	77.396	80.10
256QAM	656000	3840	77.387	80.08
256QAM	662666	3939.99	77.438	80.09



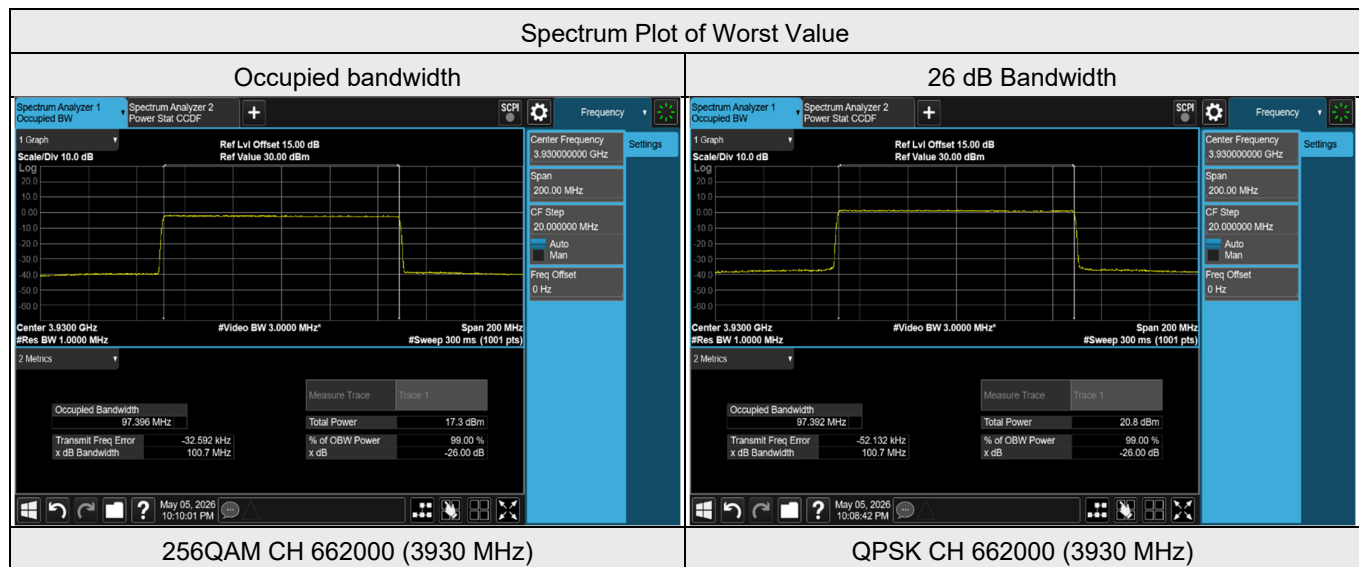
NR n77 SCS 30 kHz (3.7 GHz ~ 3.98 GHz), Channel Bandwidth: 90 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
BPSK	649668	3745.02	86.647	89.67
BPSK	656000	3840	86.639	89.65
BPSK	662332	3934.98	86.682	89.61
QPSK	649668	3745.02	87.388	90.34
QPSK	656000	3840	87.375	90.34
QPSK	662332	3934.98	87.406	90.36
16QAM	649668	3745.02	87.407	90.36
16QAM	656000	3840	87.391	90.34
16QAM	662332	3934.98	87.362	90.33
64QAM	649668	3745.02	87.354	90.36
64QAM	656000	3840	87.381	90.35
64QAM	662332	3934.98	87.412	90.34
256QAM	649668	3745.02	87.394	90.37
256QAM	656000	3840	87.373	90.36
256QAM	662332	3934.98	87.402	90.35



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	96.272	99.56
BPSK	656000	3840	96.246	99.57
BPSK	662000	3930	96.307	99.55
QPSK	650000	3750	97.375	100.7
QPSK	656000	3840	97.352	100.7
QPSK	662000	3930	97.392	100.7
16QAM	650000	3750	97.376	100.7
16QAM	656000	3840	97.354	100.6
16QAM	662000	3930	97.386	100.6
64QAM	650000	3750	97.364	100.7
64QAM	656000	3840	97.327	100.7
64QAM	662000	3930	97.379	100.7
256QAM	650000	3750	97.382	100.7
256QAM	656000	3840	97.339	100.7
256QAM	662000	3930	97.396	100.7

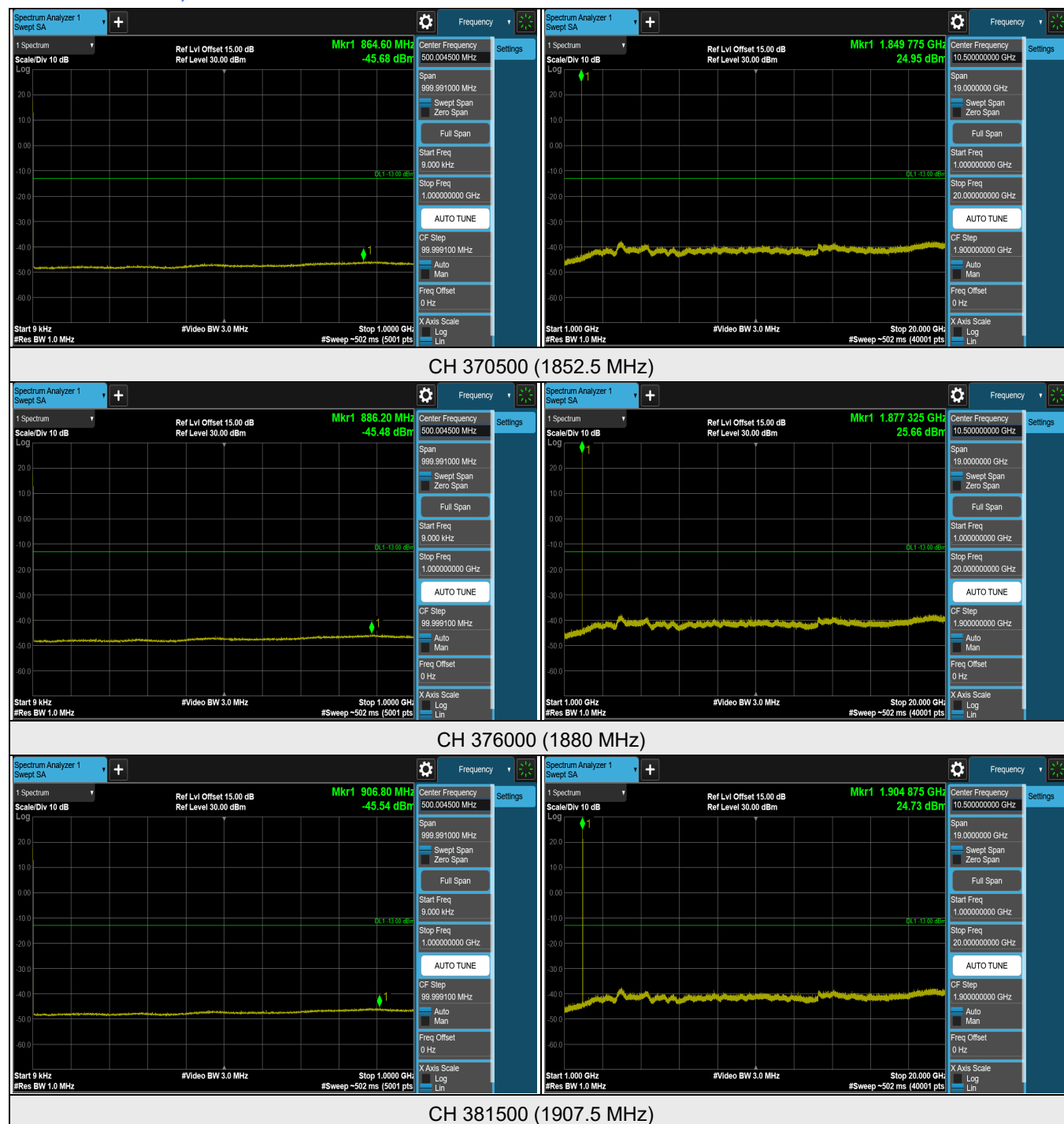


7.5 Conducted Spurious Emissions

Input Power:	3.8 Vdc	Environmental Conditions:	23°C, 70% RH	Tested By:	Duke Wu
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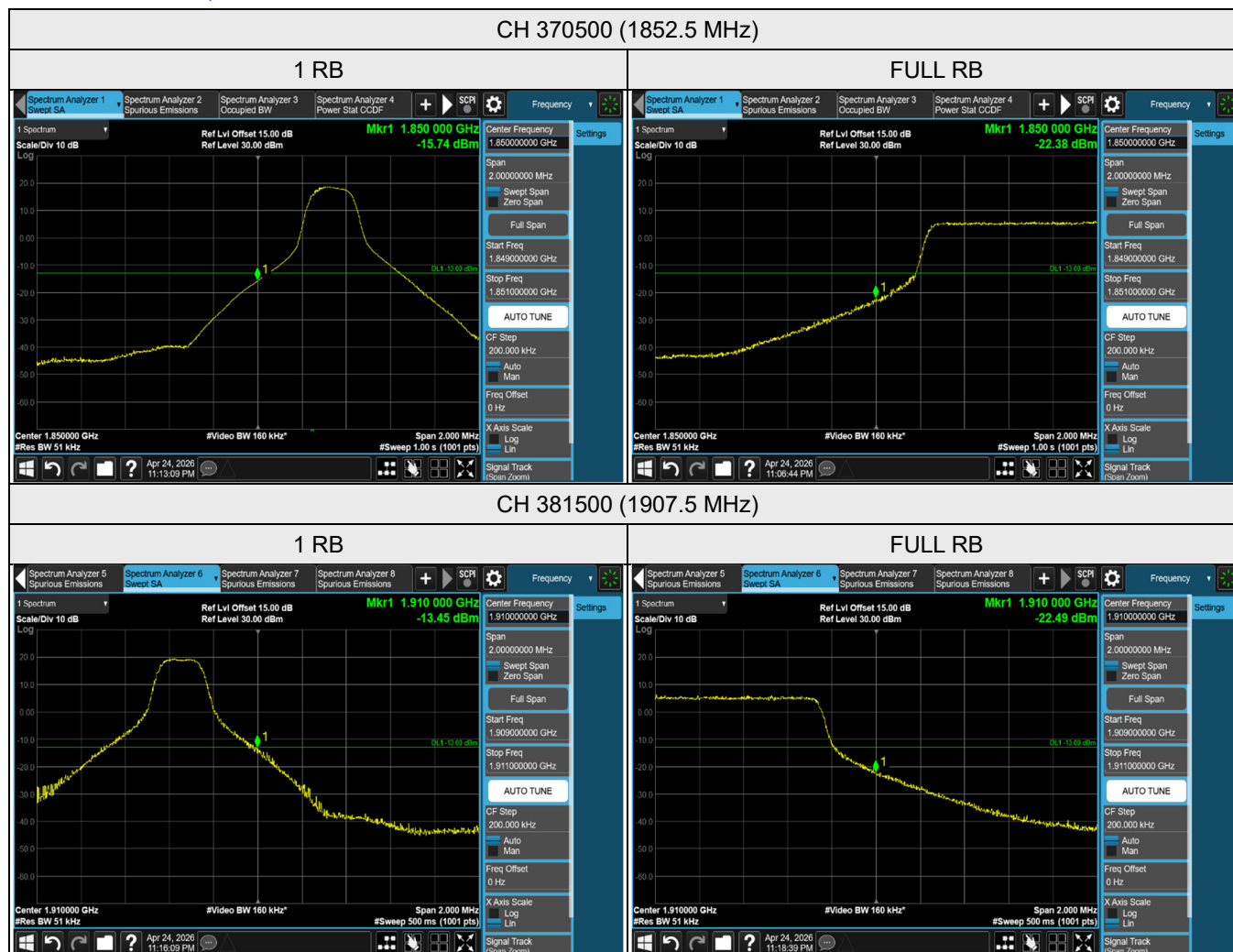
7.5.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

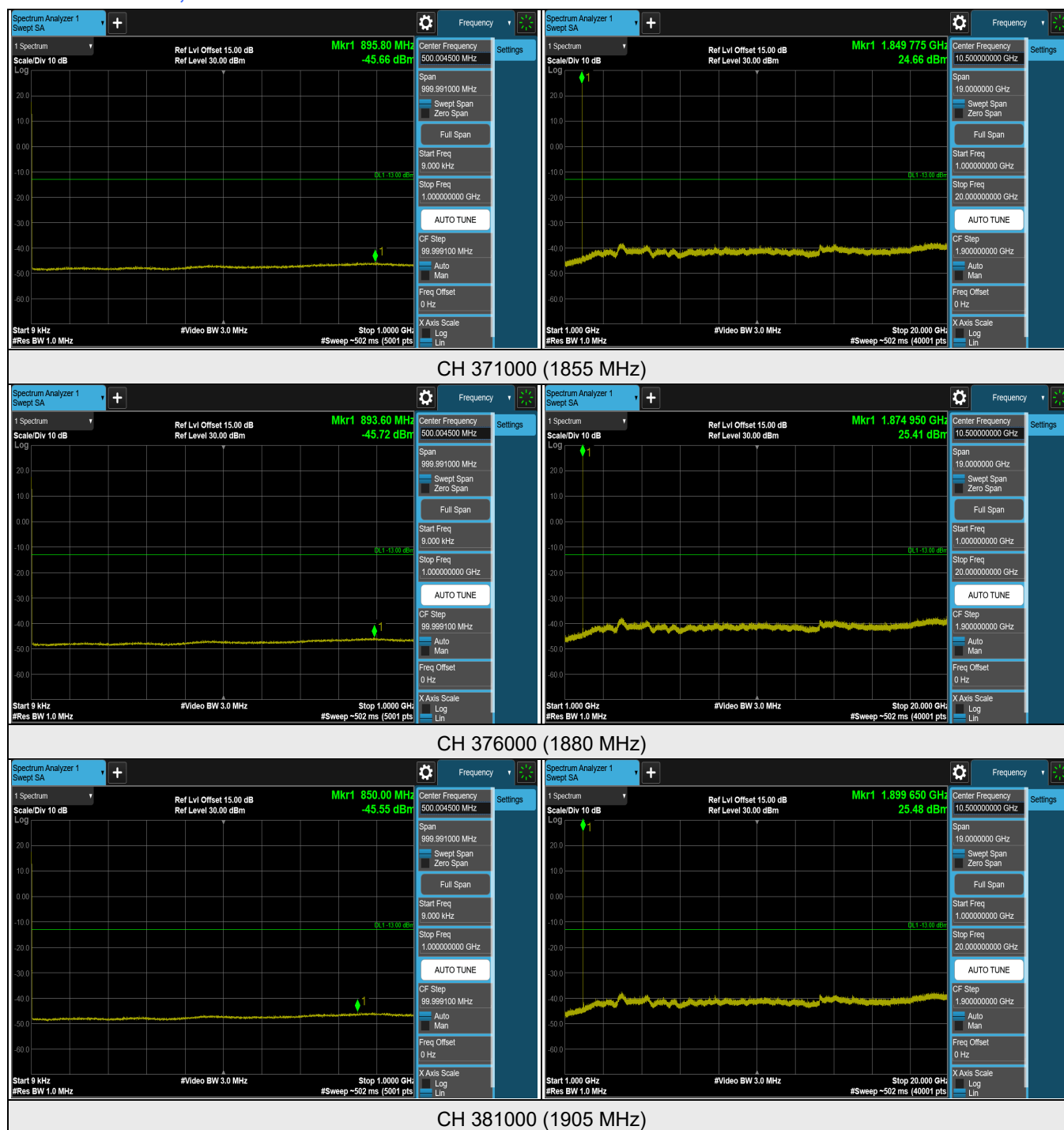


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz

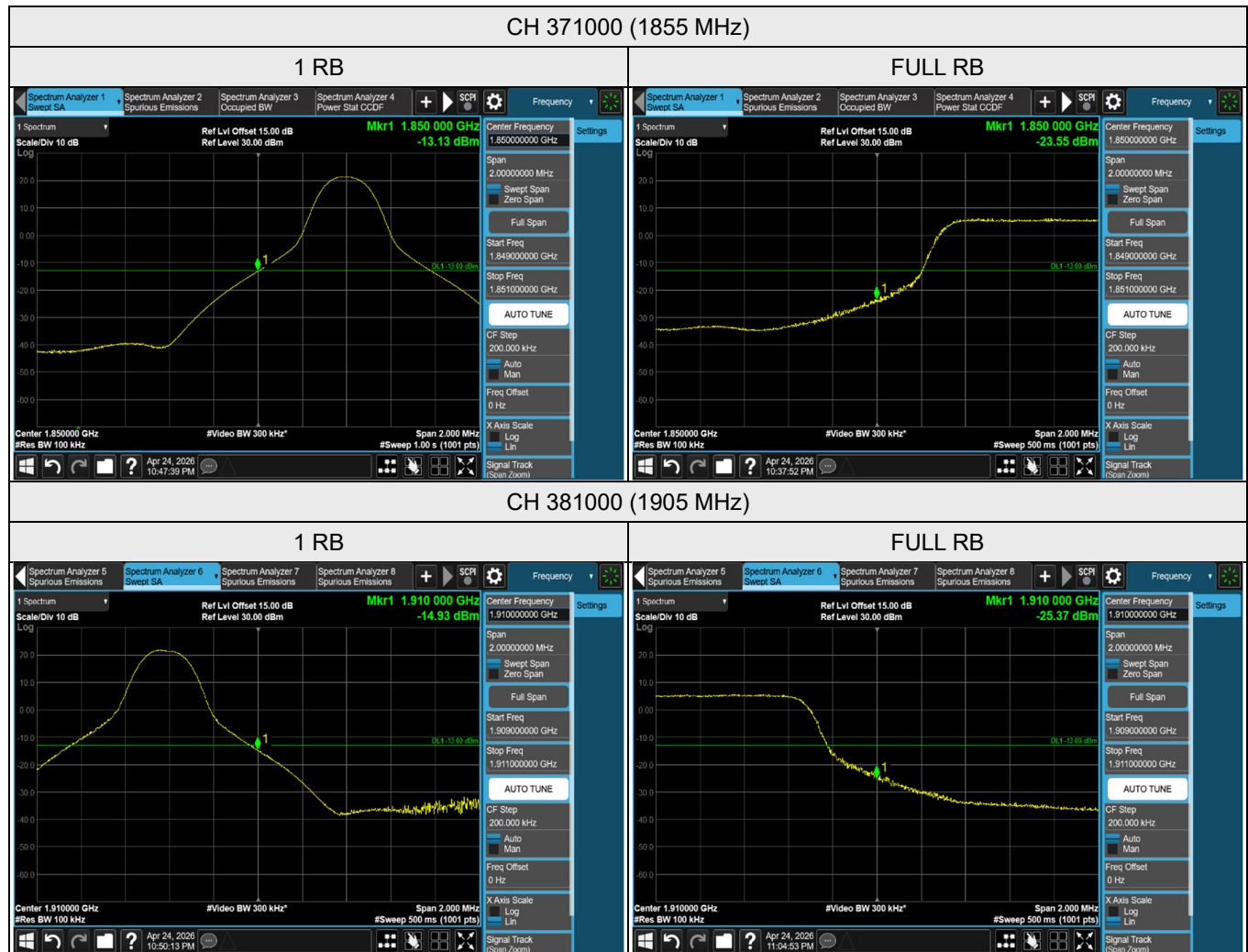


NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz

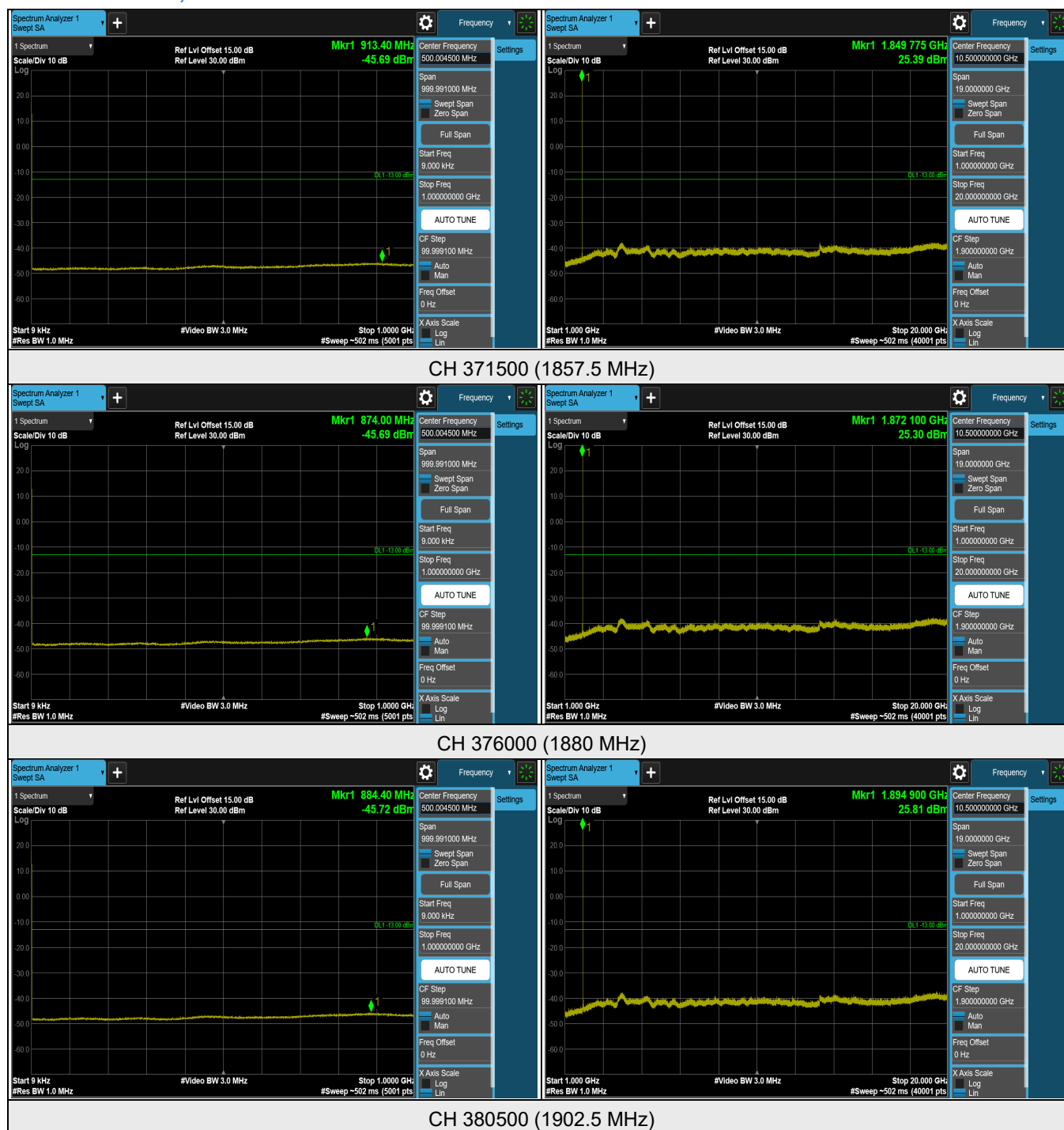


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz



NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz



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

NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz

