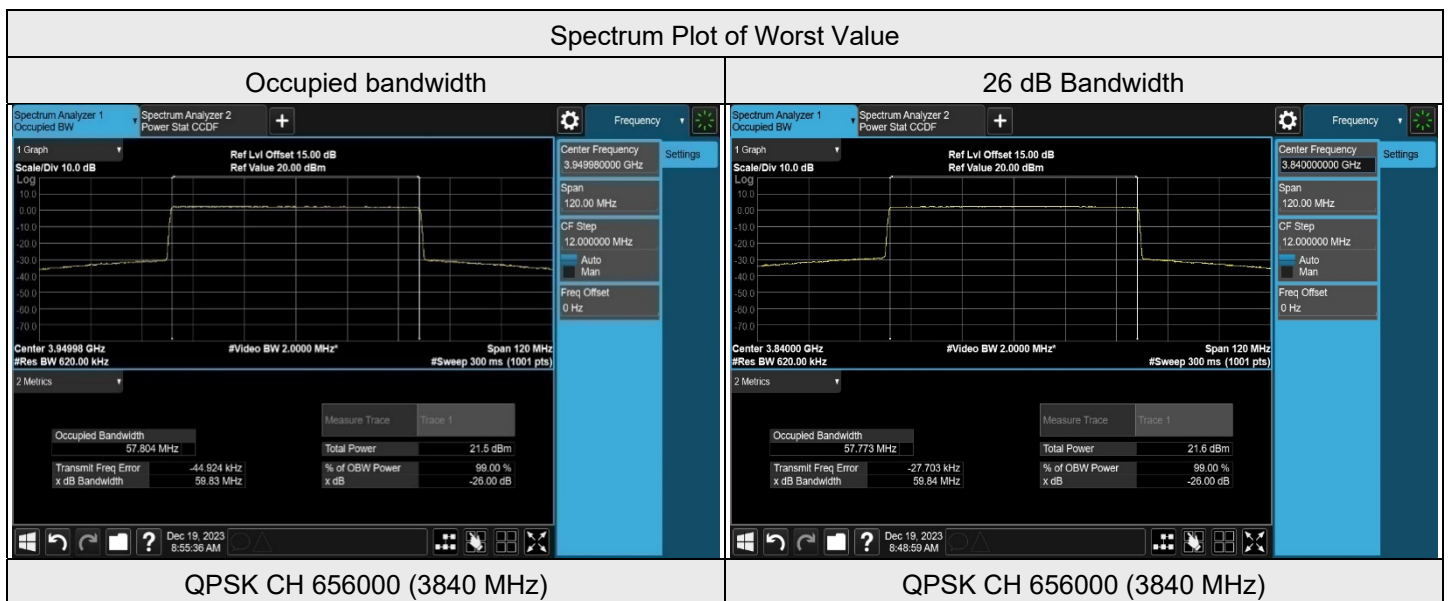




NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 60 MHz

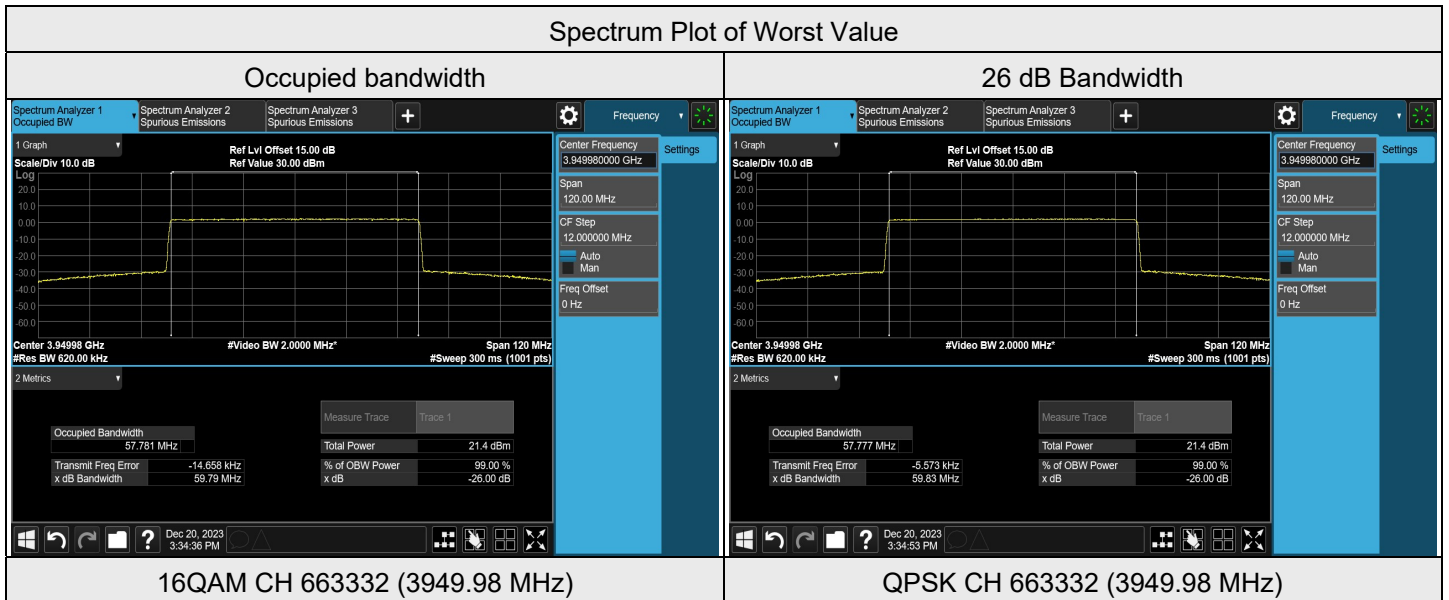
Chain 0

NR n77 SCS 30 kHz (3700-3800 MHz) 60M				
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	648668	3730.02	57.739	59.80
QPSK	656000	3840	57.773	59.84
QPSK	663332	3949.98	57.796	59.82
16QAM	648668	3730.02	57.744	59.79
16QAM	656000	3840	57.776	59.81
16QAM	663332	3949.98	57.789	59.82
64QAM	648668	3730.02	57.757	59.79
64QAM	656000	3840	57.799	59.83
64QAM	663332	3949.98	57.804	59.83
256QAM	648668	3730.02	57.730	59.77
256QAM	656000	3840	57.754	59.81
256QAM	663332	3949.98	57.776	59.81



Chain 1

NR n77 SCS 30 kHz (3700-3800 MHz) 60M				
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	648668	3730.02	57.751	59.78
QPSK	656000	3840	57.777	59.80
QPSK	663332	3949.98	57.777	59.83
16QAM	648668	3730.02	57.722	59.74
16QAM	656000	3840	57.760	59.79
16QAM	663332	3949.98	57.781	59.79
64QAM	648668	3730.02	57.735	59.78
64QAM	656000	3840	57.757	59.79
64QAM	663332	3949.98	57.764	59.82
256QAM	648668	3730.02	57.727	59.80
256QAM	656000	3840	57.749	59.79
256QAM	663332	3949.98	57.754	59.80

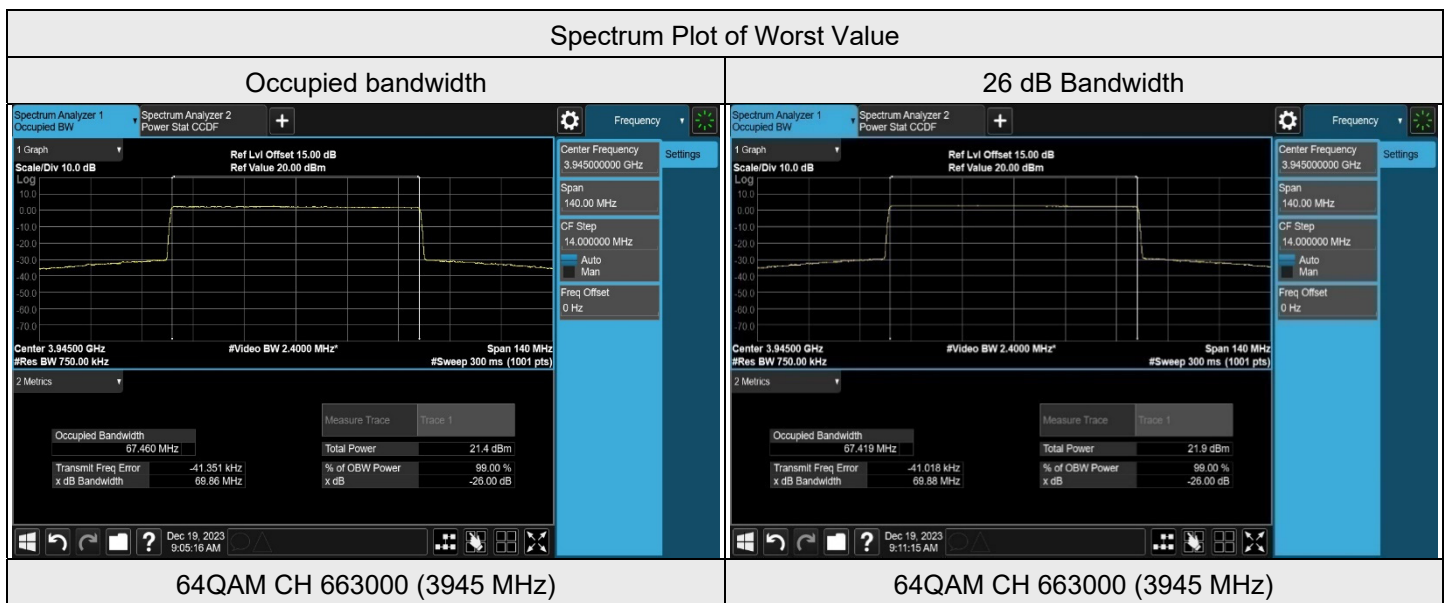




NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 70 MHz

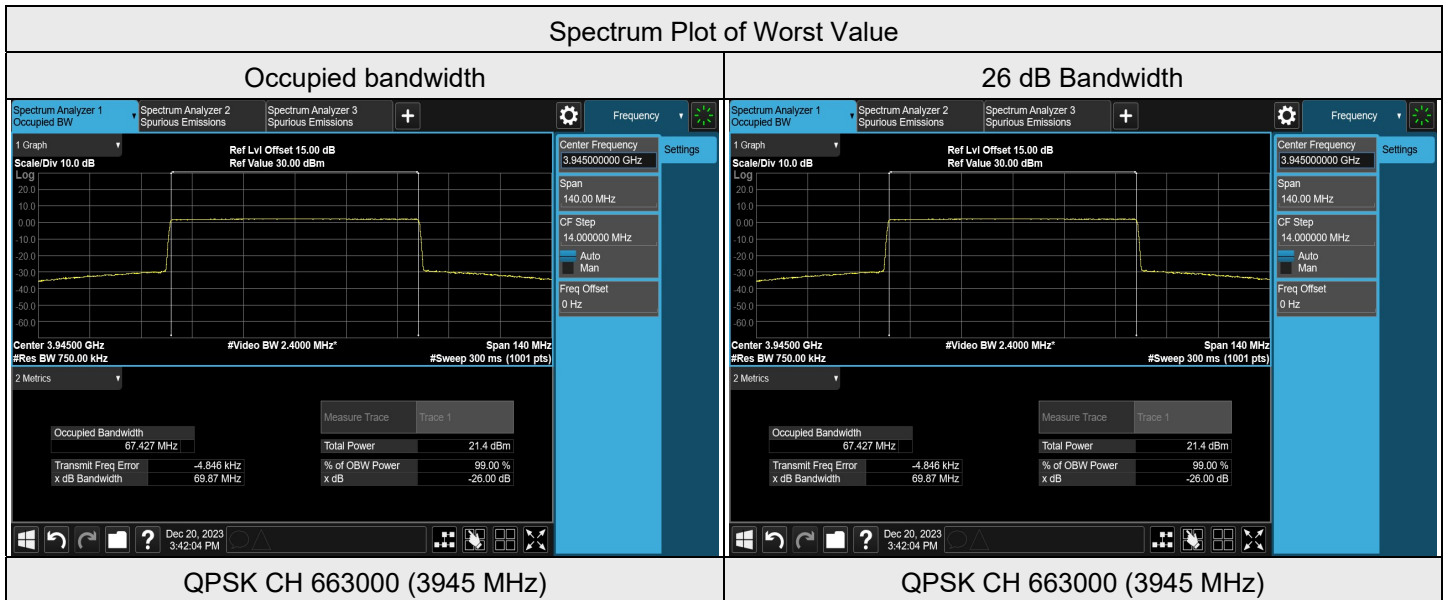
Chain 0

NR n77 SCS 30 kHz (3700-3800 MHz) 70M				
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	649000	3735	67.391	69.83
QPSK	656000	3840	67.407	69.88
QPSK	663000	3945	67.419	69.88
16QAM	649000	3735	67.395	69.83
16QAM	656000	3840	67.443	69.86
16QAM	663000	3945	67.419	69.82
64QAM	649000	3735	67.406	69.82
64QAM	656000	3840	67.426	69.87
64QAM	663000	3945	67.460	69.86
256QAM	649000	3735	67.393	69.79
256QAM	656000	3840	67.392	69.85
256QAM	663000	3945	67.420	69.84



Chain 1

NR n77 SCS 30 kHz (3700-3800 MHz) 70M				
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	649000	3735	67.409	69.79
QPSK	656000	3840	67.408	69.85
QPSK	663000	3945	67.427	69.87
16QAM	649000	3735	67.377	69.79
16QAM	656000	3840	67.412	69.83
16QAM	663000	3945	67.415	69.86
64QAM	649000	3735	67.382	69.78
64QAM	656000	3840	67.364	69.83
64QAM	663000	3945	67.393	69.85
256QAM	649000	3735	67.378	69.78
256QAM	656000	3840	67.416	69.84
256QAM	663000	3945	67.408	69.84

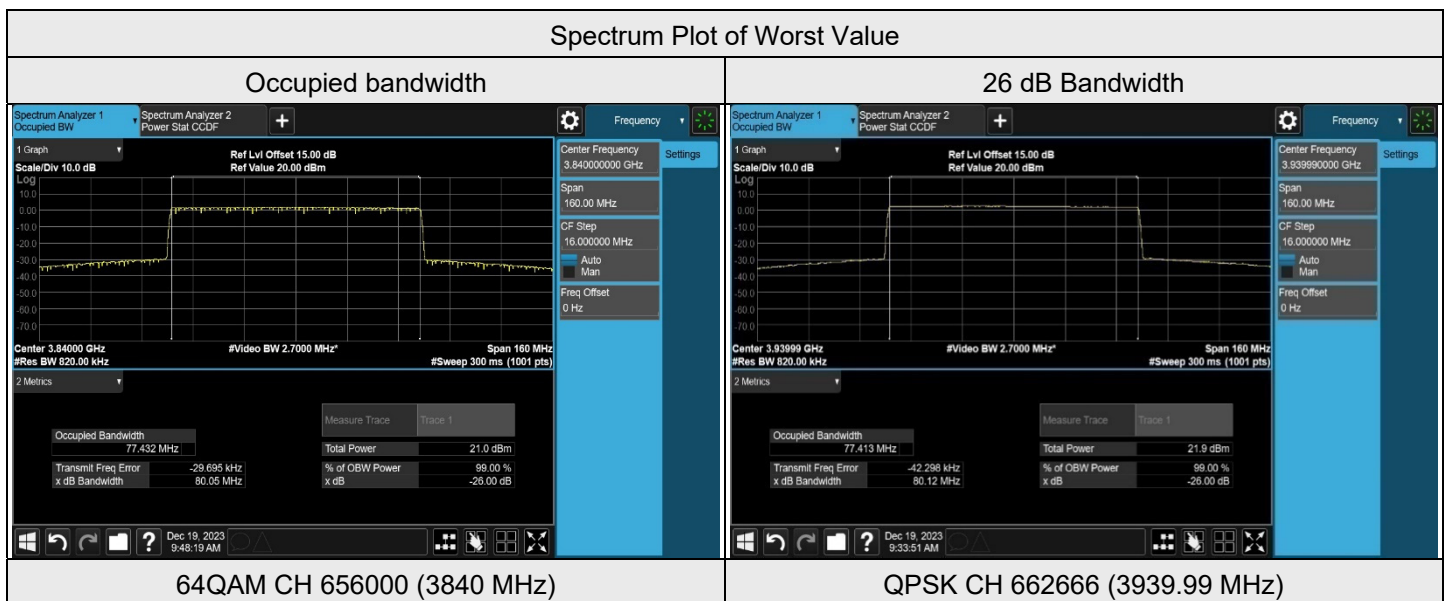




NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 80 MHz

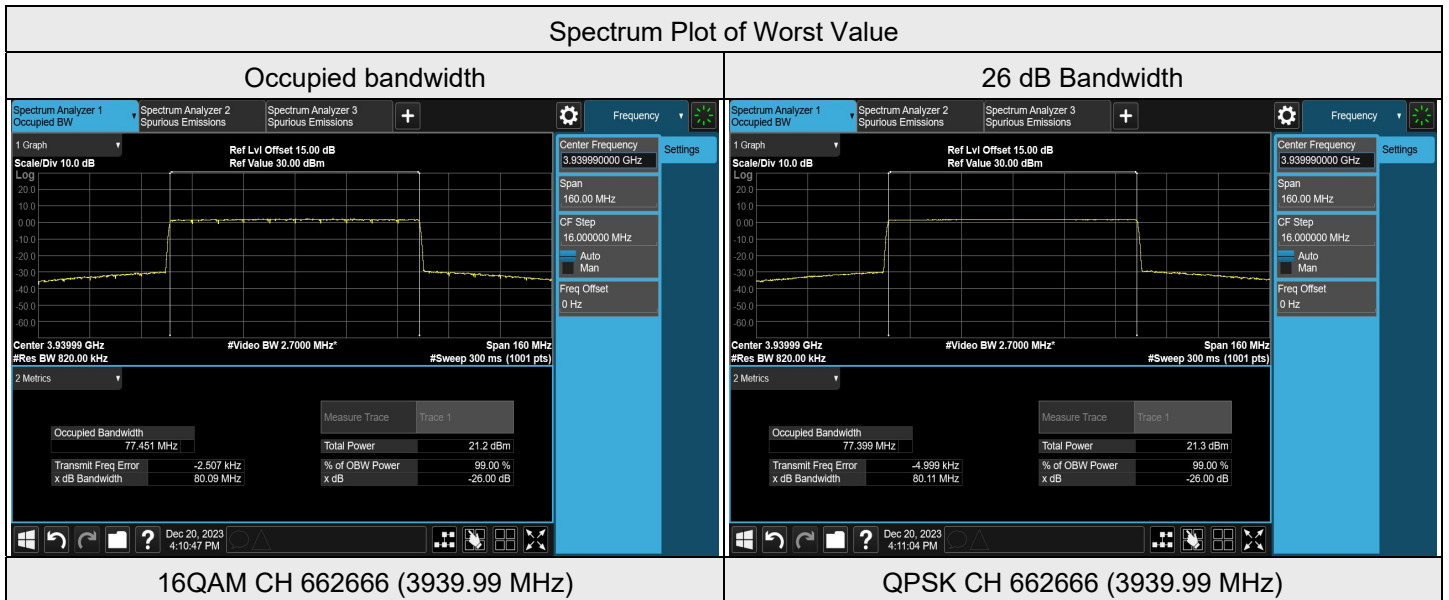
Chain 0

NR n77 SCS 30 kHz (3700-3800 MHz) 80M				
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	649334	3740.01	77.387	80.05
QPSK	656000	3840	77.405	80.12
QPSK	662666	3939.99	77.413	80.12
16QAM	649334	3740.01	77.343	80.04
16QAM	656000	3840	77.374	80.09
16QAM	662666	3939.99	77.413	80.06
64QAM	649334	3740.01	77.401	80.06
64QAM	656000	3840	77.432	80.05
64QAM	662666	3939.99	77.400	80.09
256QAM	649334	3740.01	77.377	80.09
256QAM	656000	3840	77.385	80.10
256QAM	662666	3939.99	77.396	80.09



Chain 1

NR n77 SCS 30 kHz (3700-3800 MHz) 80M				
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	649334	3740.01	77.415	80.07
QPSK	656000	3840	77.418	80.08
QPSK	662666	3939.99	77.399	80.11
16QAM	649334	3740.01	77.439	80.05
16QAM	656000	3840	77.403	80.08
16QAM	662666	3939.99	77.451	80.09
64QAM	649334	3740.01	77.391	80.06
64QAM	656000	3840	77.407	80.07
64QAM	662666	3939.99	77.410	80.08
256QAM	649334	3740.01	77.386	80.02
256QAM	656000	3840	77.399	80.08
256QAM	662666	3939.99	77.382	80.04

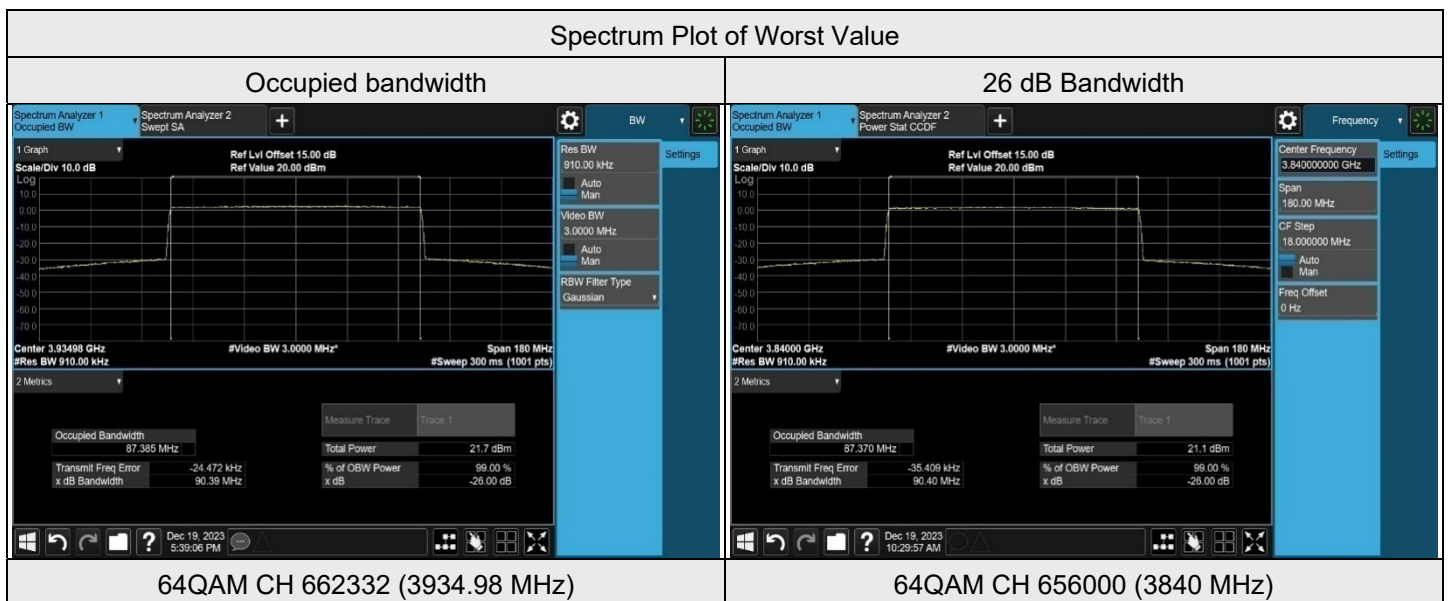




NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 90 MHz

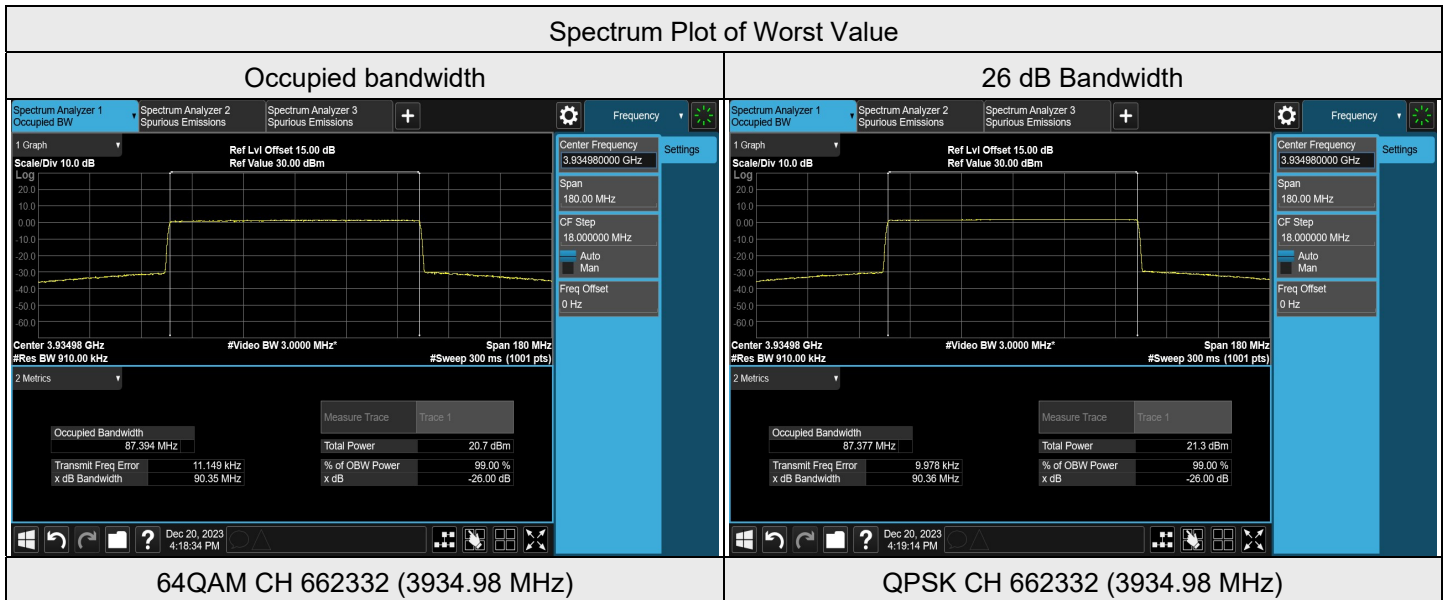
Chain 0

NR n77 SCS 30 kHz (3700-3800 MHz) 90M				
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	649668	3745.02	87.337	90.32
QPSK	656000	3840	87.347	90.39
QPSK	662332	3934.98	87.358	90.38
16QAM	649668	3745.02	87.321	90.33
16QAM	656000	3840	87.336	90.39
16QAM	662332	3934.98	87.319	90.34
64QAM	649668	3745.02	87.318	90.32
64QAM	656000	3840	87.370	90.40
64QAM	662332	3934.98	87.385	90.39
256QAM	649668	3745.02	87.304	90.33
256QAM	656000	3840	87.357	90.35
256QAM	662332	3934.98	87.347	90.36



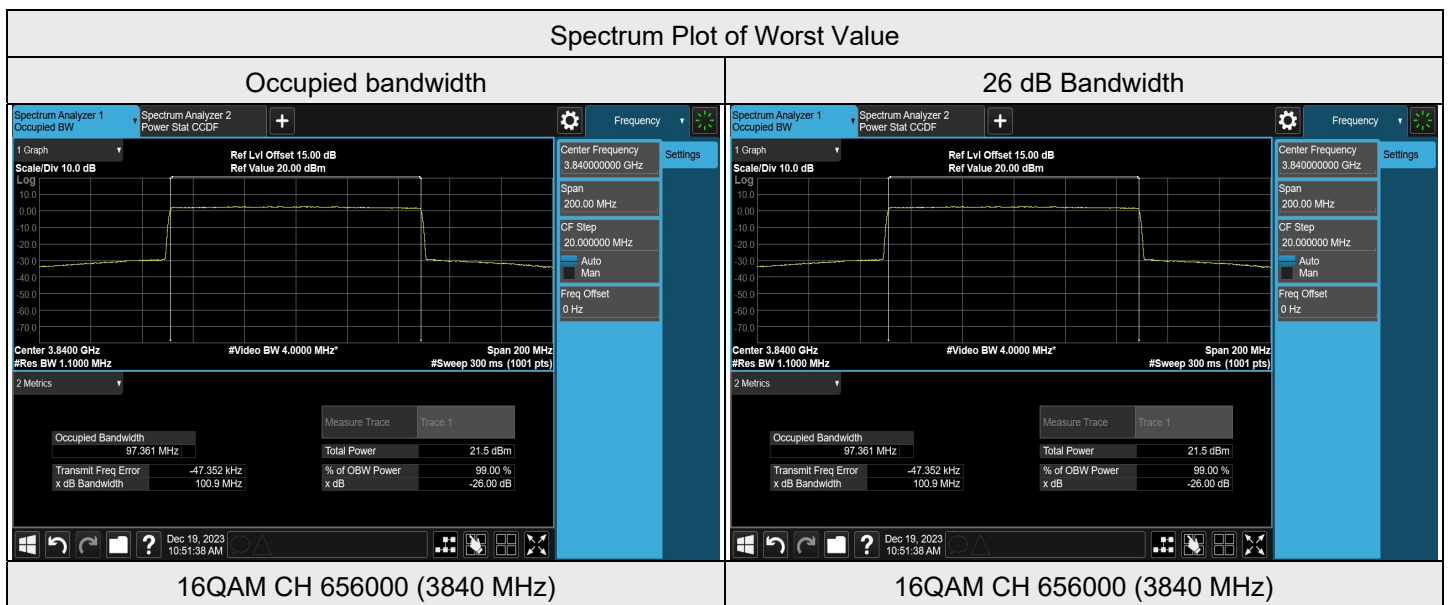
Chain 1

NR n77 SCS 30 kHz (3700-3800 MHz) 90M				
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	649668	3745.02	87.358	90.33
QPSK	656000	3840	87.365	90.33
QPSK	662332	3934.98	87.377	90.36
16QAM	649668	3745.02	87.354	90.30
16QAM	656000	3840	87.375	90.34
16QAM	662332	3934.98	87.366	90.35
64QAM	649668	3745.02	87.353	90.28
64QAM	656000	3840	87.389	90.35
64QAM	662332	3934.98	87.394	90.35
256QAM	649668	3745.02	87.386	90.32
256QAM	656000	3840	87.368	90.32
256QAM	662332	3934.98	87.363	90.33



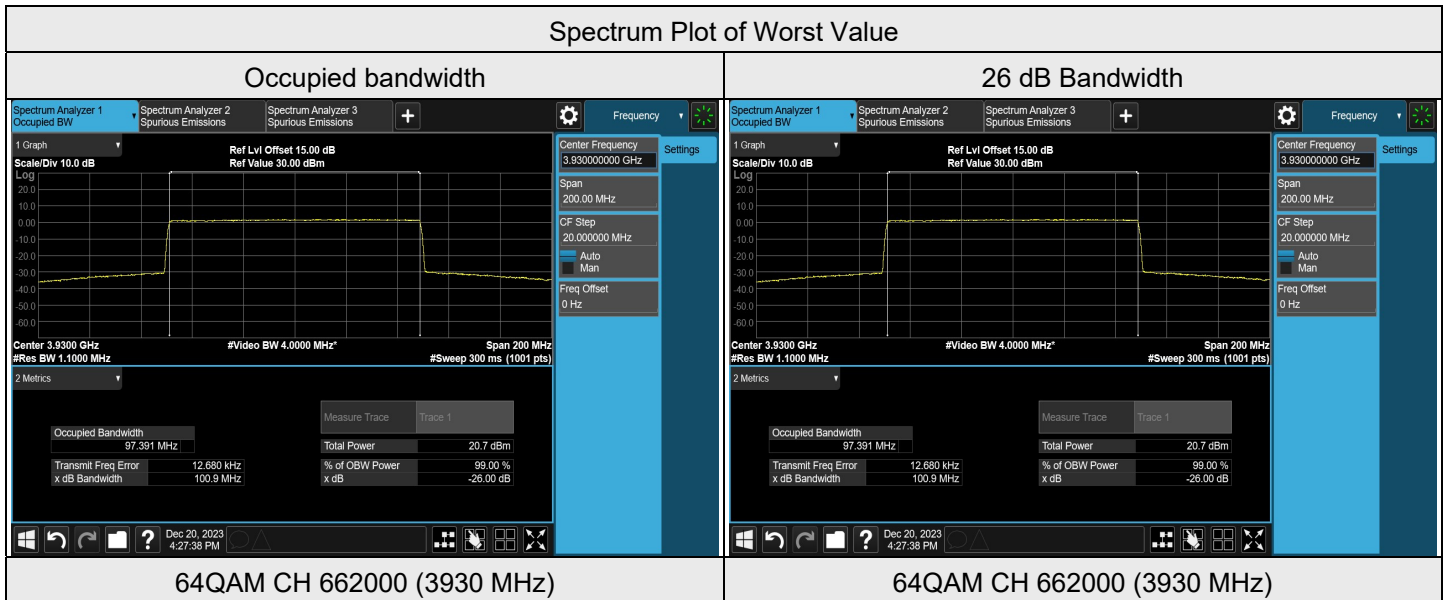
NR n77 (3700-3980 MHz) SCS 30 kHz, Channel Bandwidth: 100 MHz
Chain 0

NR n77 SCS 30 kHz (3700-3800 MHz) 100M				
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	650000	3750	97.333	100.8
QPSK	656000	3840	97.341	100.9
QPSK	662000	3930	97.354	100.9
16QAM	650000	3750	97.310	100.8
16QAM	656000	3840	97.361	100.9
16QAM	662000	3930	97.315	100.9
64QAM	650000	3750	97.331	100.8
64QAM	656000	3840	97.354	100.9
64QAM	662000	3930	97.350	100.9
256QAM	650000	3750	97.343	100.8
256QAM	656000	3840	97.336	100.9
256QAM	662000	3930	97.350	100.9



Chain 1

NR n77 SCS 30 kHz (3700-3800 MHz) 100M				
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	650000	3750	97.386	100.8
QPSK	656000	3840	97.369	100.9
QPSK	662000	3930	97.381	100.9
16QAM	650000	3750	97.340	100.8
16QAM	656000	3840	97.355	100.8
16QAM	662000	3930	97.352	100.9
64QAM	650000	3750	97.368	100.8
64QAM	656000	3840	97.364	100.9
64QAM	662000	3930	97.391	100.9
256QAM	650000	3750	97.381	100.8
256QAM	656000	3840	97.367	100.8
256QAM	662000	3930	97.342	100.8



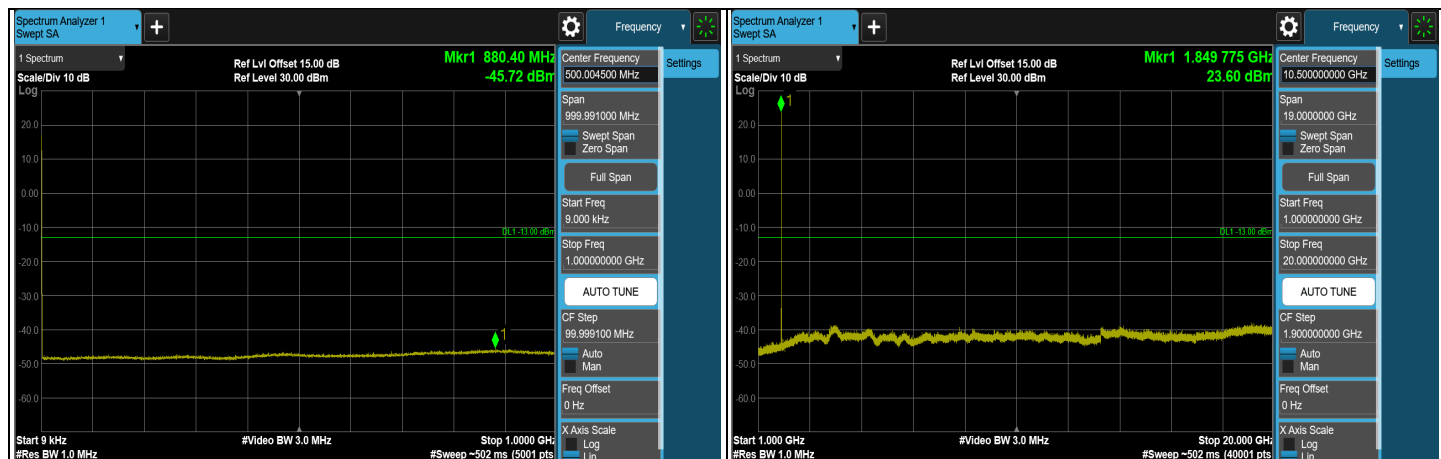


7.5 Conducted Spurious Emissions

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	21°C, 70% RH	Tested By:	James Yang
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7.5.1 NR n2 SCS 15 kHz

NR n2 SCS 15 kHz, Channel Bandwidth: 5 MHz



Channel 370500 (1852.5 MHz)



Channel 376000 (1880 MHz)



Channel 381500 (1907.5 MHz)

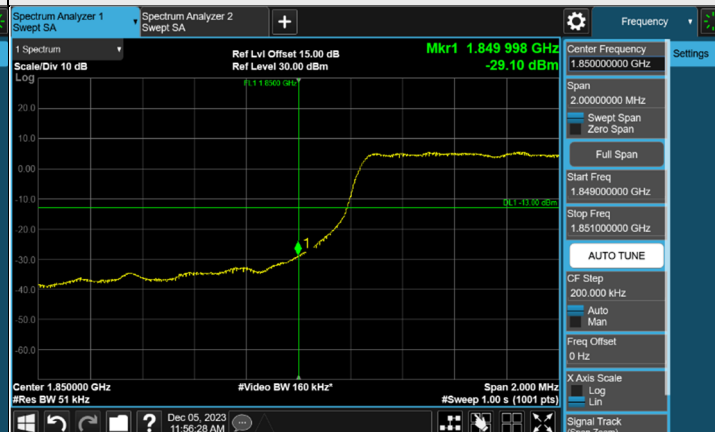
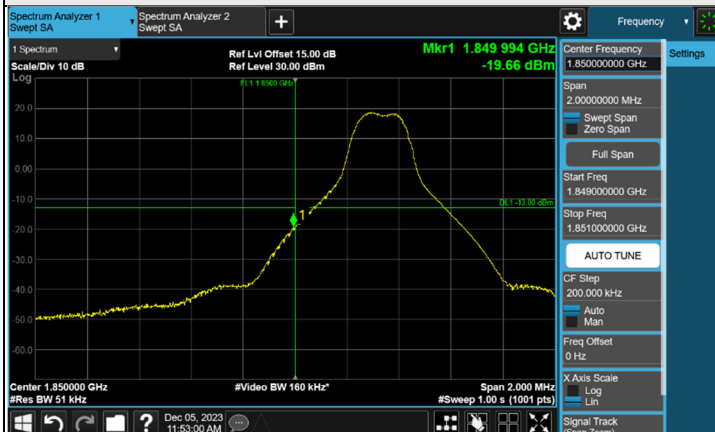
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



Channel 370500(1852.5 MHz)

1 RB

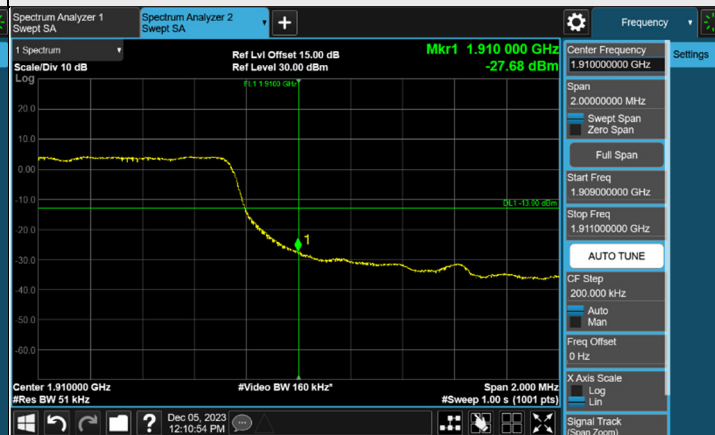
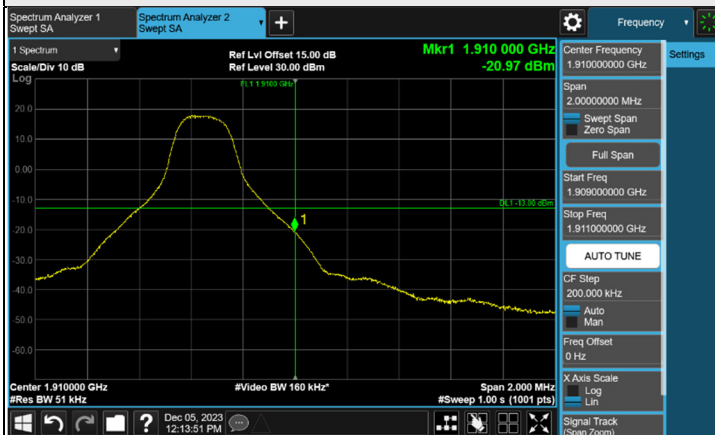
FULL RB



Channel 381500(1907.5 MHz)

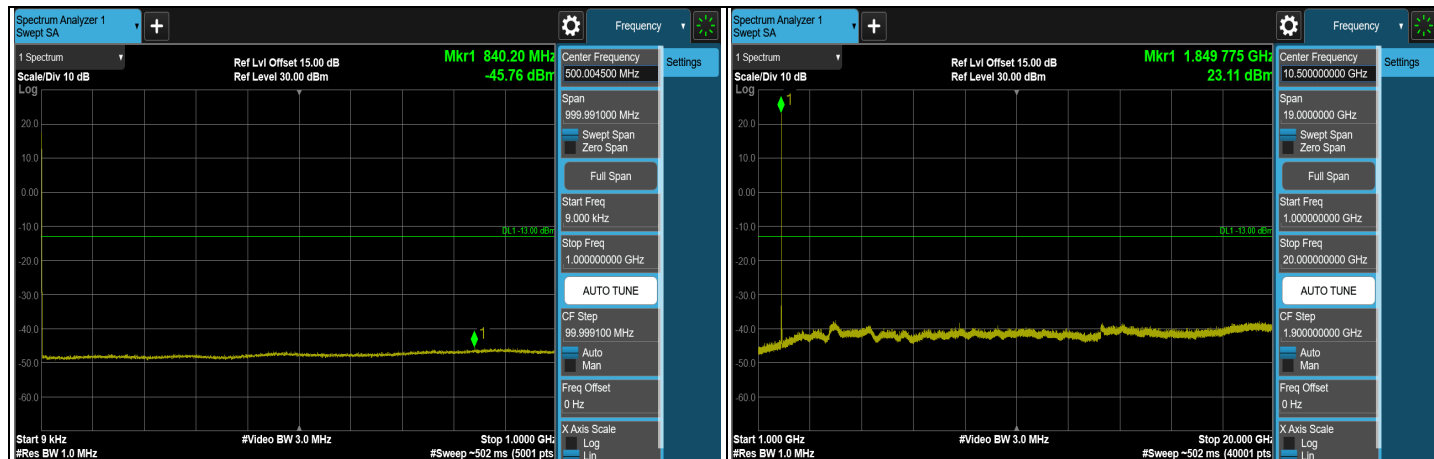
1 RB

FULL RB





NR n2 SCS 15 kHz, Channel Bandwidth: 10 MHz



Channel 371000 (1855 MHz)



Channel 376000 (1880 MHz)



Channel 381000 (1905 MHz)

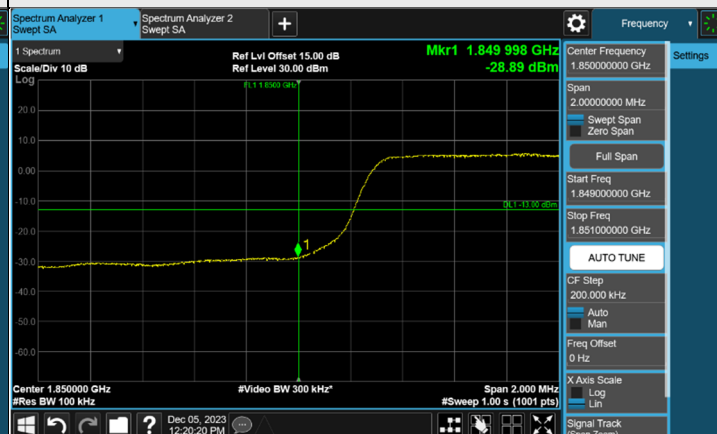
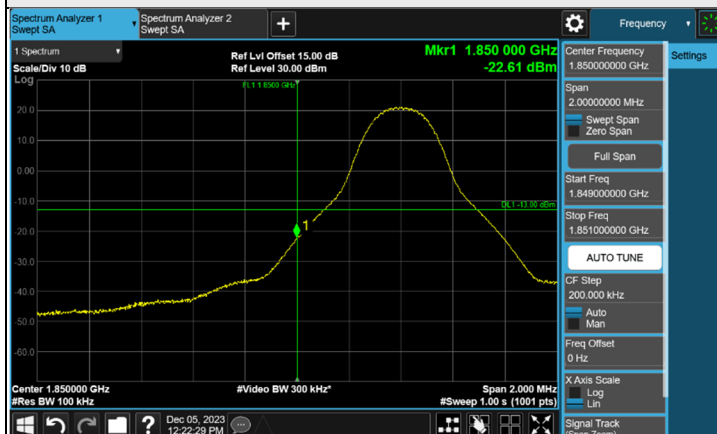
Note: The signal at 9 kHz is IF signal from spectrum analyzer.



Channel 371000(1855 MHz)

1 RB

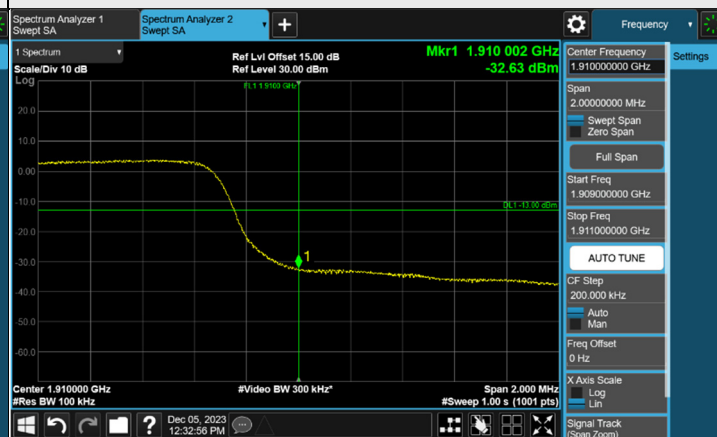
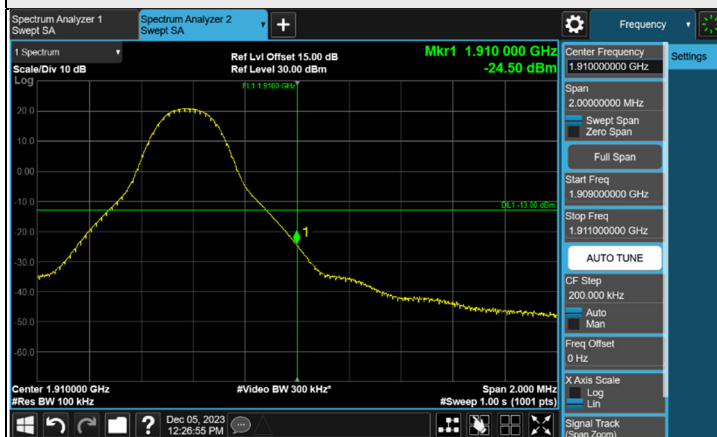
FULL RB



Channel 381000(1905 MHz)

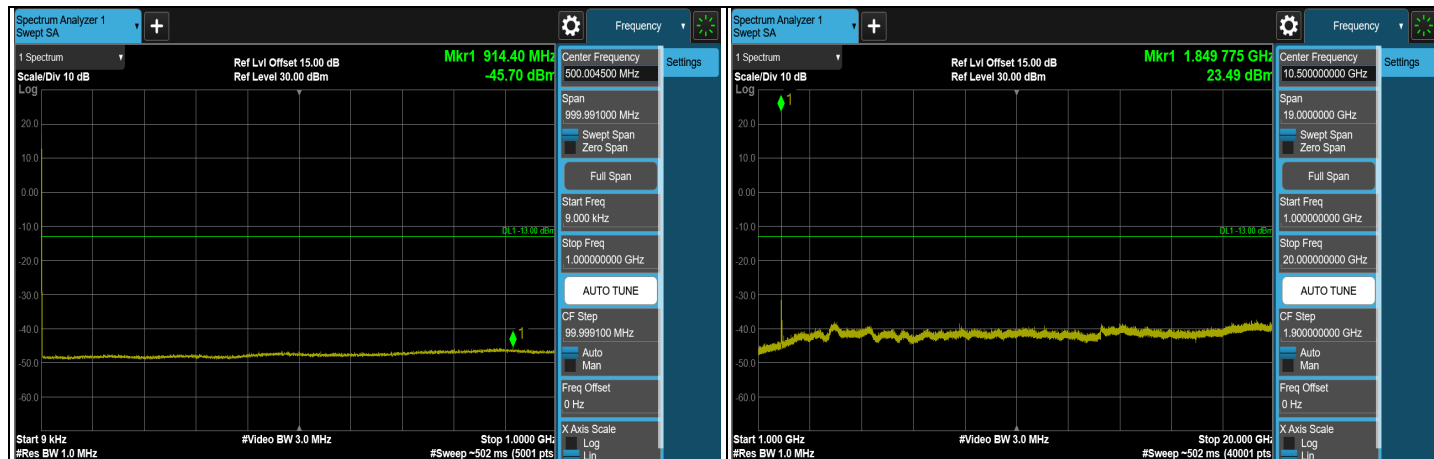
1 RB

FULL RB

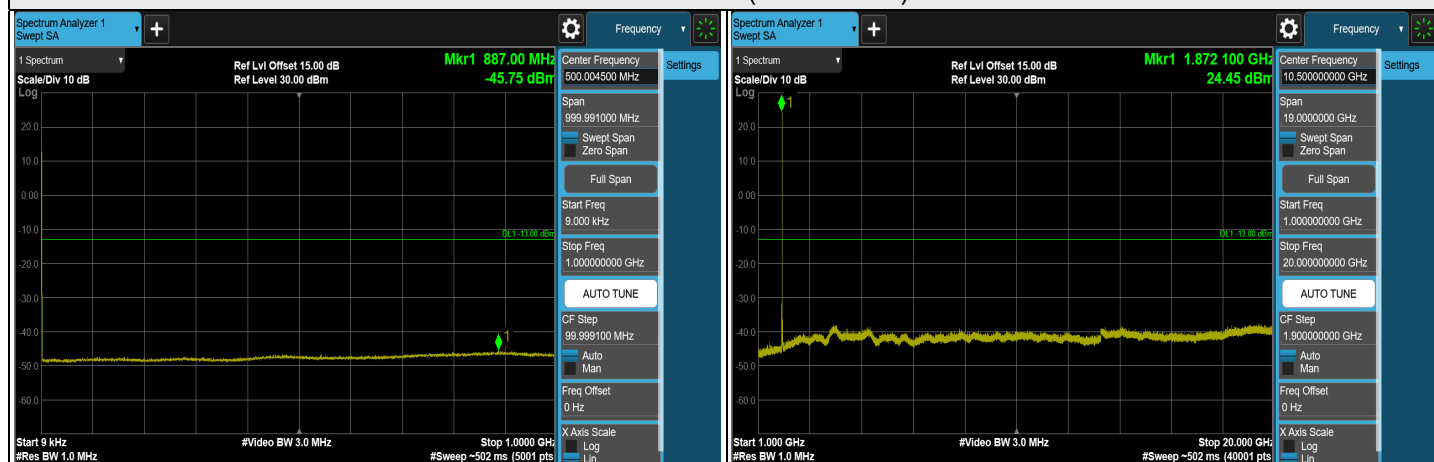




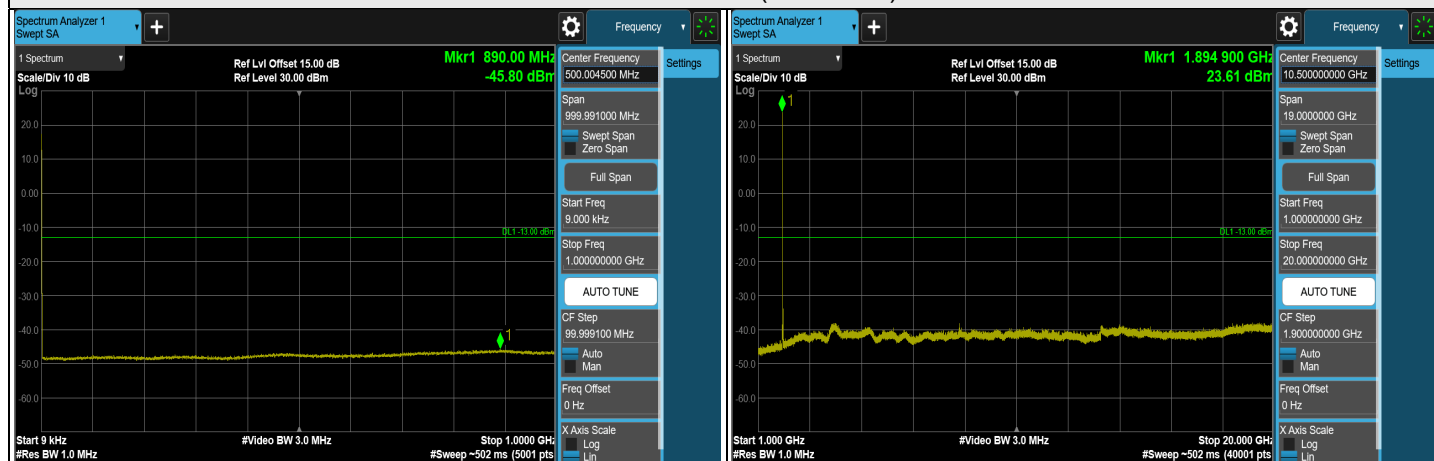
NR n2 SCS 15 kHz, Channel Bandwidth: 15 MHz



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.