n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 350 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 7001
SweepTime: 43.4 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	11.42	/	/	/	/
Adjacent	-70	70.00	-29.93	-41.35	-30	11.35	Pass
Adjacent	70	70.00	-34.22	-45.64	-30	15.64	Pass

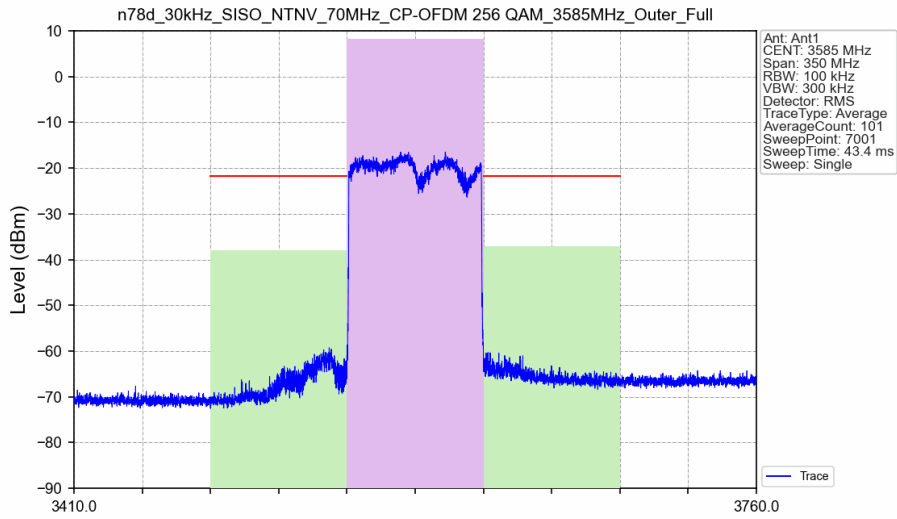## n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3664.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3664.98MHz_Outer_Full

Ant: Ant1
CENT: 3664.98 MHz
Span: 350 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 7001
SweepTime: 43.4 ms
Sweep: Single

Trace
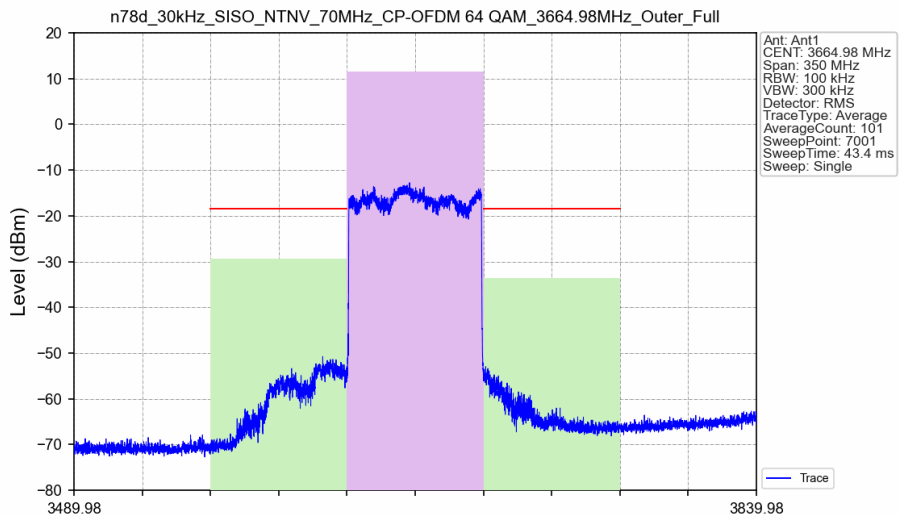
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	11.58	/	/	/	/
Adjacent	-70	70.00	-29.44	-41.02	-30	11.02	Pass
Adjacent	70	70.00	-33.70	-45.28	-30	15.28	Pass

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3585MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3585MHz_Outer_Full

Ant: Ant1
CENT: 3585 MHz
Span: 350 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 7001
SweepTime: 43.4 ms
Sweep: Single

Level (dBm) vs Frequency (MHz), 3410.0 to 3760.0

— Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	8.28	/	/	/	/
Adjacent	-70	70.00	-37.95	-46.23	-30	16.23	Pass
Adjacent	70	70.00	-37.17	-45.45	-30	15.45	Pass

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 350 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 7001
SweepTime: 43.4 ms
Sweep: Single

Level (dBm) vs Frequency (MHz), 3449.99 to 3799.99

— Trace
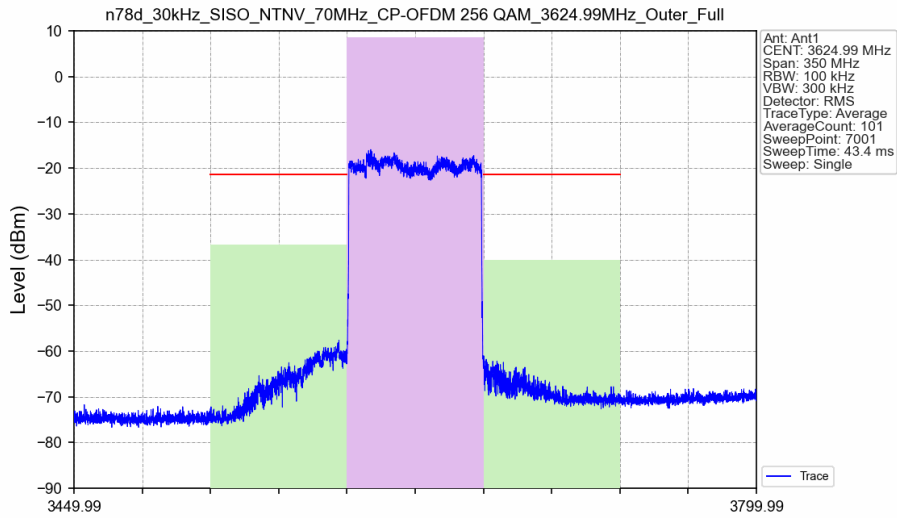
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	8.61	/	/	/	/
Adjacent	-70	70.00	-36.82	-45.43	-30	15.43	Pass
Adjacent	70	70.00	-40.14	-48.75	-30	18.75	Pass

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3664.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_3664.98MHz_Outer_Full

Ant: Ant1
CENT: 3664.98 MHz
Span: 350 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 7001
SweepTime: 43.4 ms
Sweep: Single

Trace
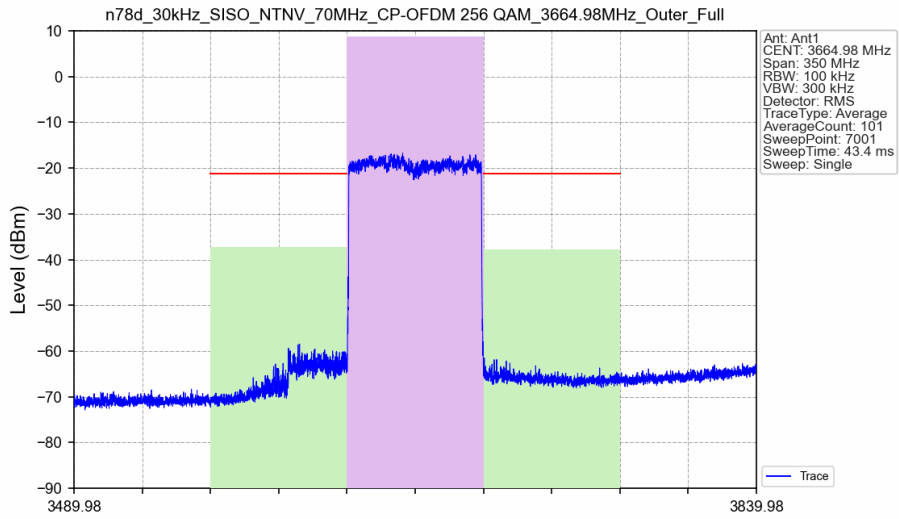
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	8.78	/	/	/	/
Adjacent	-70	70.00	-37.19	-45.97	-30	15.97	Pass
Adjacent	70	70.00	-37.86	-46.64	-30	16.64	Pass

6.7 30k_SISO_80MHz_NTNV

6.7.1 Test Result

Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
DFT-s-OFDM PI/2 BPSK	3590.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3660	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM QPSK	3590.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3660	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 16 QAM	3590.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3660	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 64 QAM	3590.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3660	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 256 QAM	3590.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3660	Outer_Full	Refer To Test Graph		Pass
CP-OFDM QPSK	3590.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3660	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 16 QAM	3590.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3660	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 64 QAM	3590.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3660	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 256 QAM	3590.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3660	Outer_Full	Refer To Test Graph		Pass

5G NR n78d SCS=30kHz SISO 80MHz NTNV

6.7.2 Test Graph

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3590.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3590.01MHz_Outer_Full

Ant: Ant1
CENT: 3590.01 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	14.51	/	/	/	/
Adjacent	-80	80.00	-28.65	-43.16	-30	13.16	Pass
Adjacent	80	80.00	-34.30	-48.81	-30	18.81	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	14.47	/	/	/	/
Adjacent	-80	80.00	-28.09	-42.56	-30	12.56	Pass
Adjacent	80	80.00	-34.84	-49.31	-30	19.31	Pass

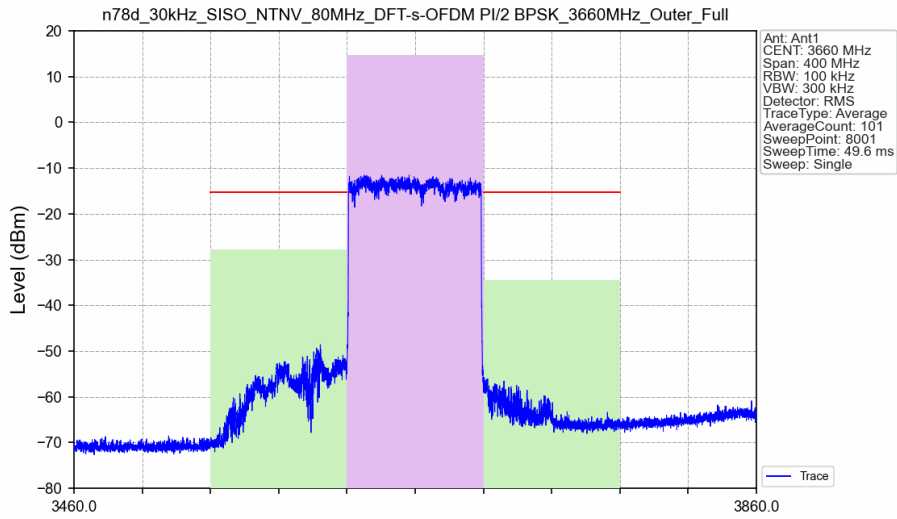## n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3660MHz_Outer_Full

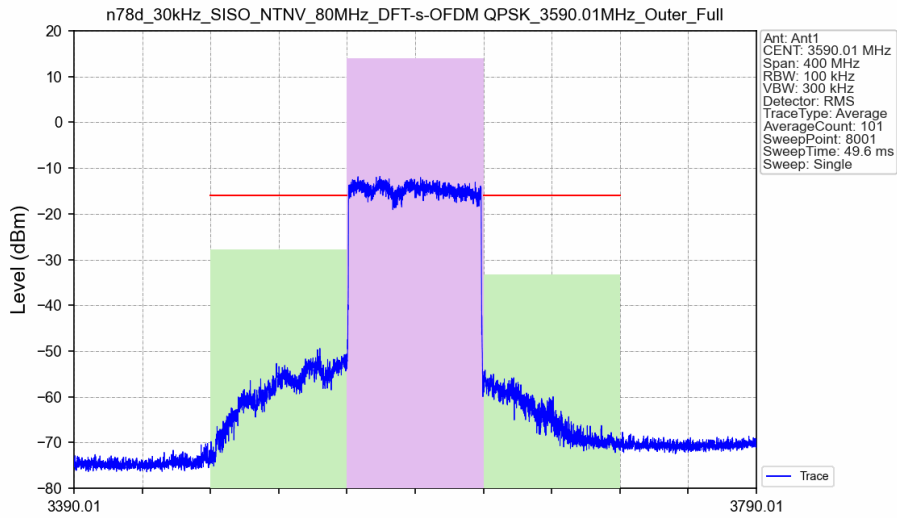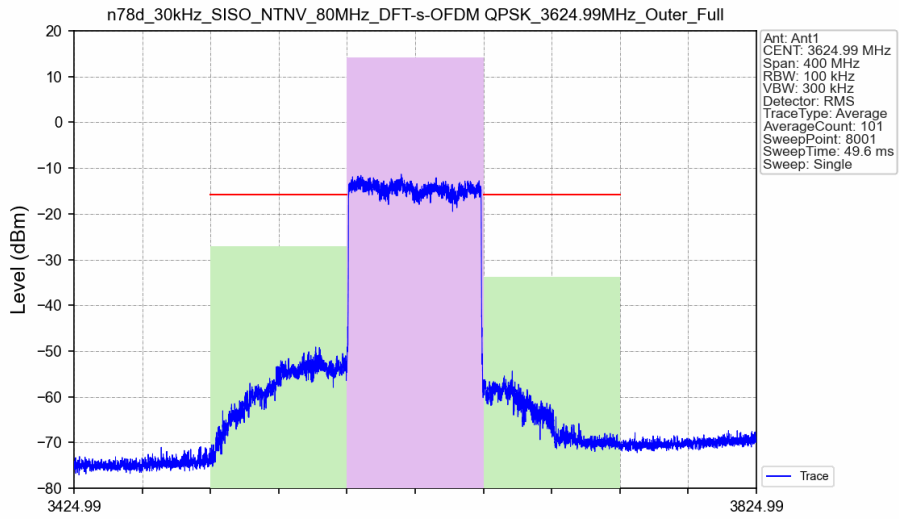n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_3660MHz_Outer_Full

Ant: Ant1
CENT: 3660 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	14.71	/	/	/	
Adjacent	-80	80.00	-27.83	-42.54	-30	12.54	Pass
Adjacent	80	80.00	-34.42	-49.13	-30	19.13	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3590.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3590.01MHz_Outer_Full

Ant: Ant1
CENT: 3590.01 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	13.95	/	/	/	
Adjacent	-80	80.00	-27.78	-41.73	-30	11.73	Pass
Adjacent	80	80.00	-33.31	-47.26	-30	17.26	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	14.17	/	/	/	/
Adjacent	-80	80.00	-27.14	-41.31	-30	11.31	Pass
Adjacent	80	80.00	-33.86	-48.03	-30	18.03	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3660MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_3660MHz_Outer_Full

Ant: Ant1
CENT: 3660 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
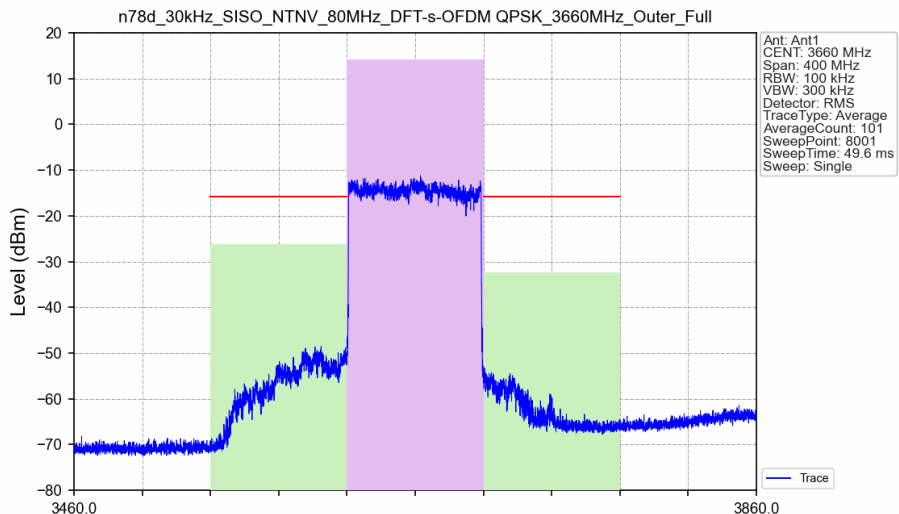
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	14.20	/	/	/	/
Adjacent	-80	80.00	-26.29	-40.49	-30	10.49	Pass
Adjacent	80	80.00	-32.40	-46.60	-30	16.60	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3590.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3590.01MHz_Outer_Full

Ant: Ant1
CENT: 3590.01 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
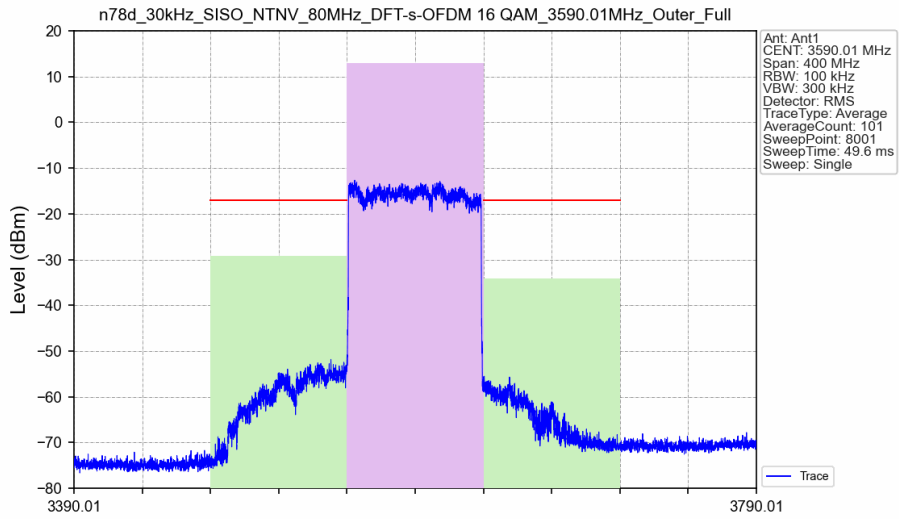
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	12.94	/	/	/	/
Adjacent	-80	80.00	-29.22	-42.16	-30	12.16	Pass
Adjacent	80	80.00	-34.22	-47.16	-30	17.16	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
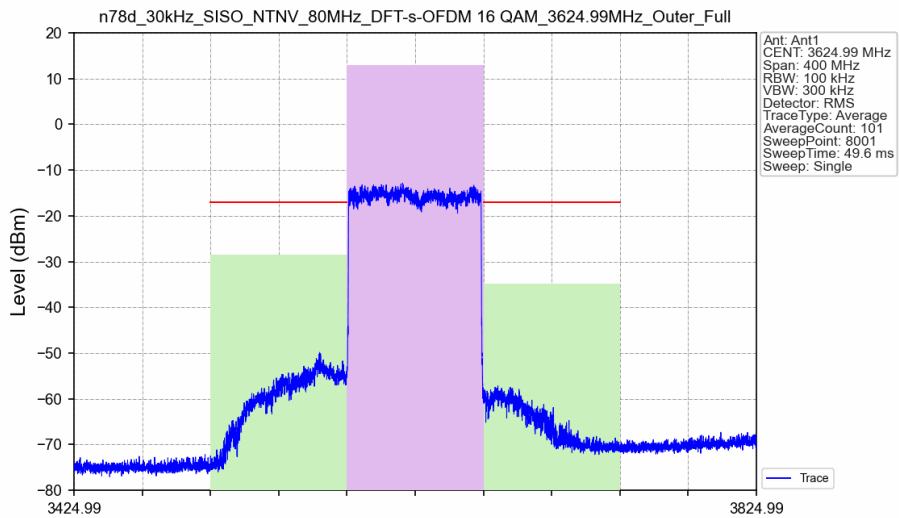
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	13.00	/	/	/	/
Adjacent	-80	80.00	-28.45	-41.45	-30	11.45	Pass
Adjacent	80	80.00	-34.84	-47.84	-30	17.84	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3660MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_3660MHz_Outer_Full

Ant: Ant1
CENT: 3660 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
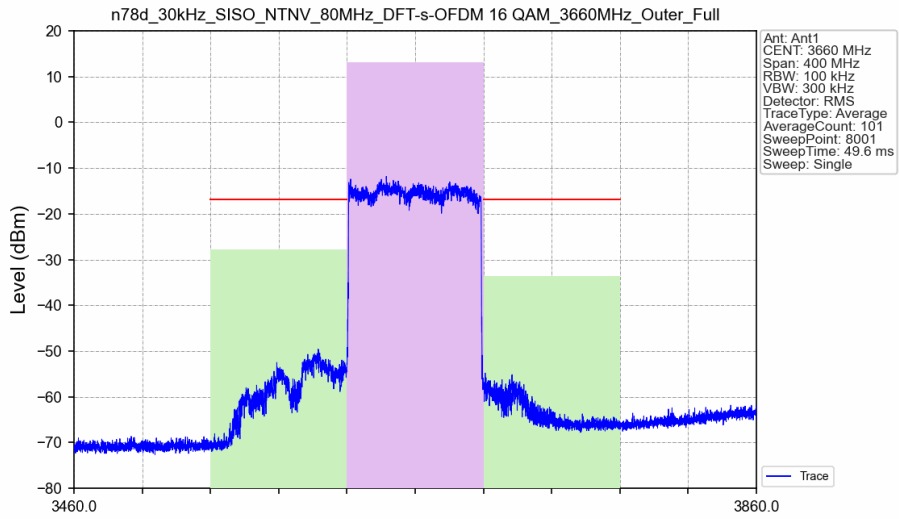
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	13.20	/	/	/	/
Adjacent	-80	80.00	-27.85	-41.05	-30	11.05	Pass
Adjacent	80	80.00	-33.59	-46.79	-30	16.79	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3590.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3590.01MHz_Outer_Full

Ant: Ant1
CENT: 3590.01 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
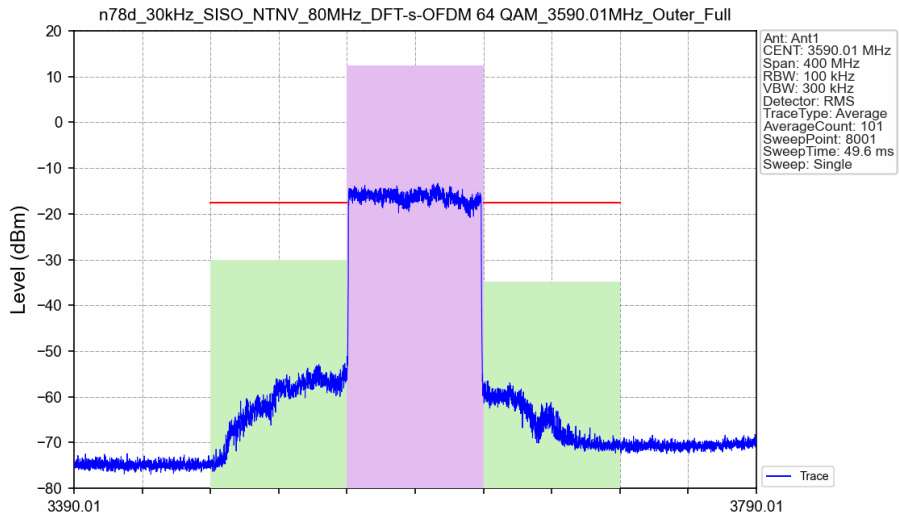
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	12.40	/	/	/	/
Adjacent	-80	80.00	-30.16	-42.56	-30	12.56	Pass
Adjacent	80	80.00	-34.77	-47.17	-30	17.17	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
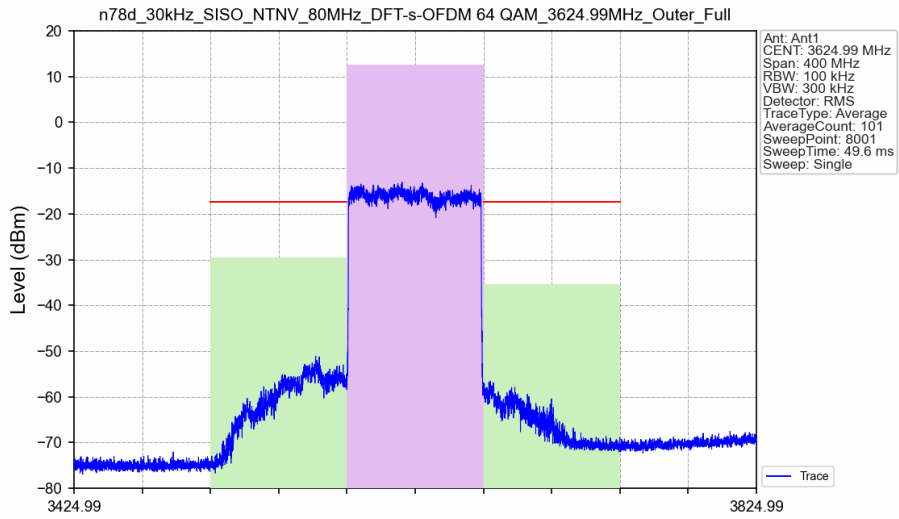
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	12.58	/	/	/	/
Adjacent	-80	80.00	-29.56	-42.14	-30	12.14	Pass
Adjacent	80	80.00	-35.33	-47.91	-30	17.91	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3660MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_3660MHz_Outer_Full

Ant: Ant1
CENT: 3660 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
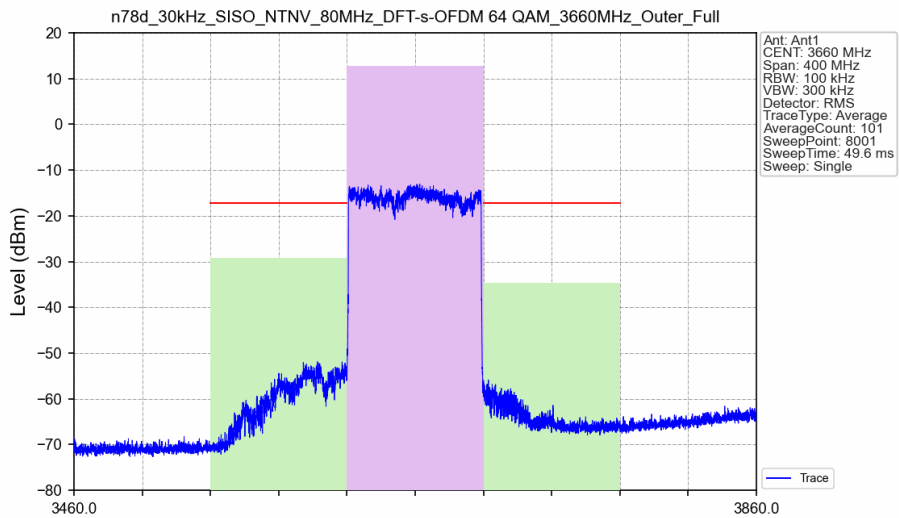
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	12.70	/	/	/	/
Adjacent	-80	80.00	-29.27	-41.97	-30	11.97	Pass
Adjacent	80	80.00	-34.60	-47.30	-30	17.30	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3590.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3590.01MHz_Outer_Full

Ant: Ant1
CENT: 3590.01 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

— Trace
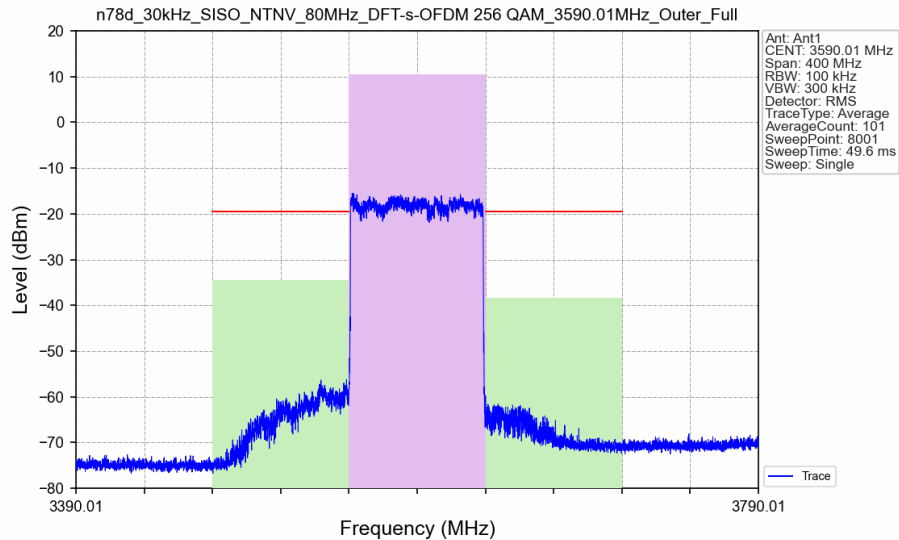
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	10.47	/	/	/	/
Adjacent	-80	80.00	-34.54	-45.01	-30	15.01	Pass
Adjacent	80	80.00	-38.46	-48.93	-30	18.93	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

— Trace
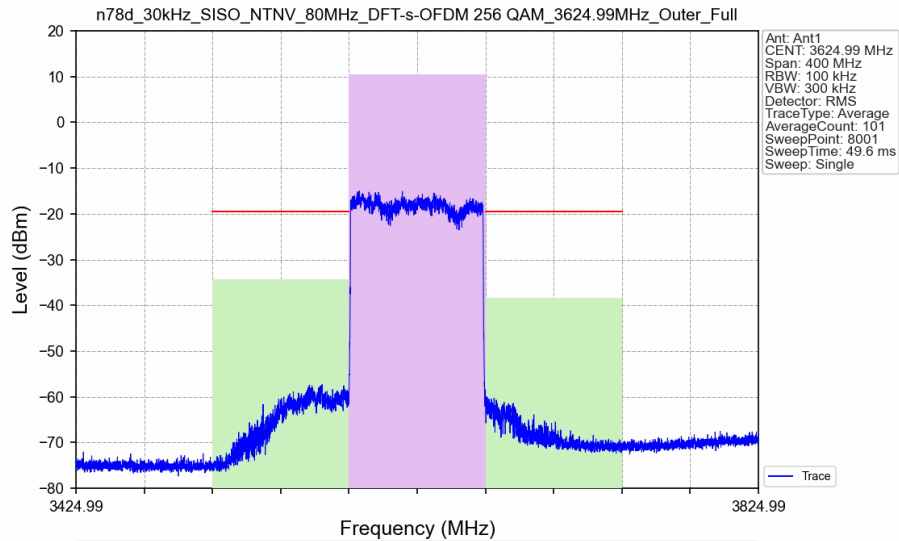
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	10.43	/	/	/	/
Adjacent	-80	80.00	-34.28	-44.71	-30	14.71	Pass
Adjacent	80	80.00	-38.39	-48.82	-30	18.82	Pass

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3660MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_3660MHz_Outer_Full

Ant: Ant1
CENT: 3660 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
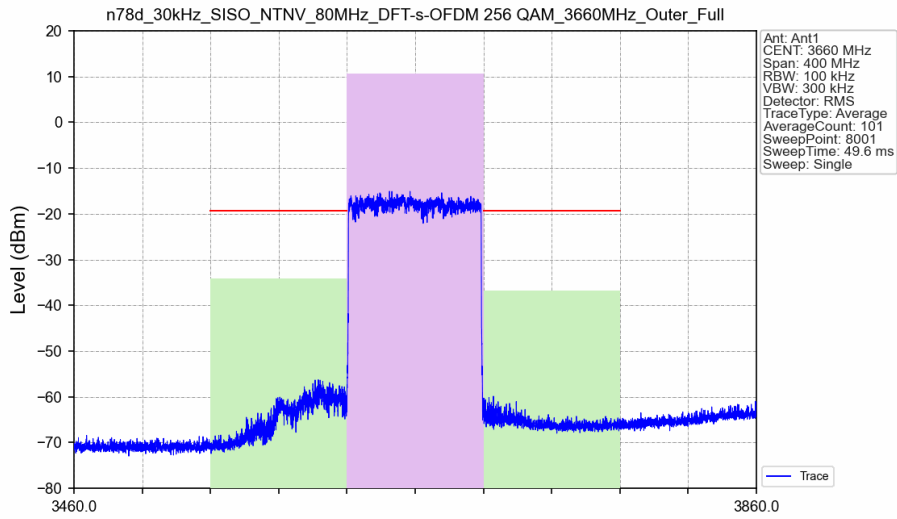
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	10.64	/	/	/	/
Adjacent	-80	80.00	-34.23	-44.87	-30	14.87	Pass
Adjacent	80	80.00	-36.86	-47.50	-30	17.50	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3590.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3590.01MHz_Outer_Full

Ant: Ant1
CENT: 3590.01 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
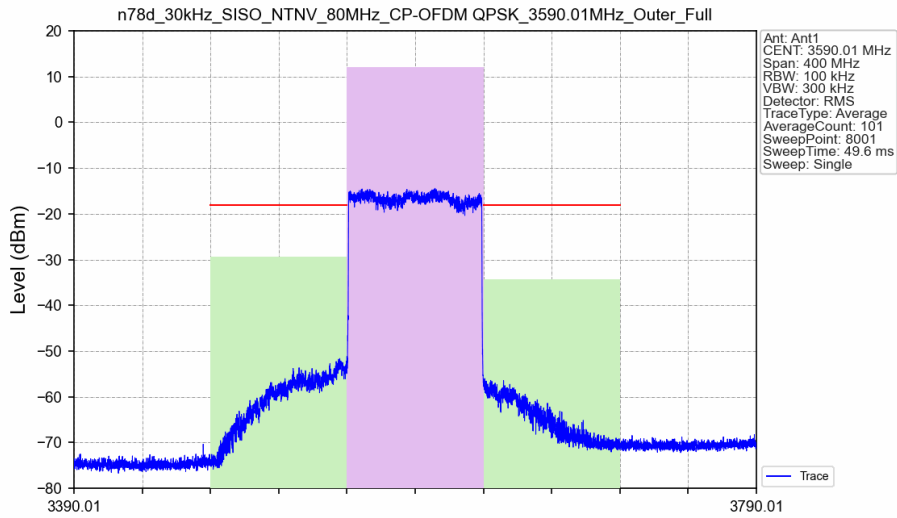
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	11.98	/	/	/	/
Adjacent	-80	80.00	-29.46	-41.44	-30	11.44	Pass
Adjacent	80	80.00	-34.29	-46.27	-30	16.27	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
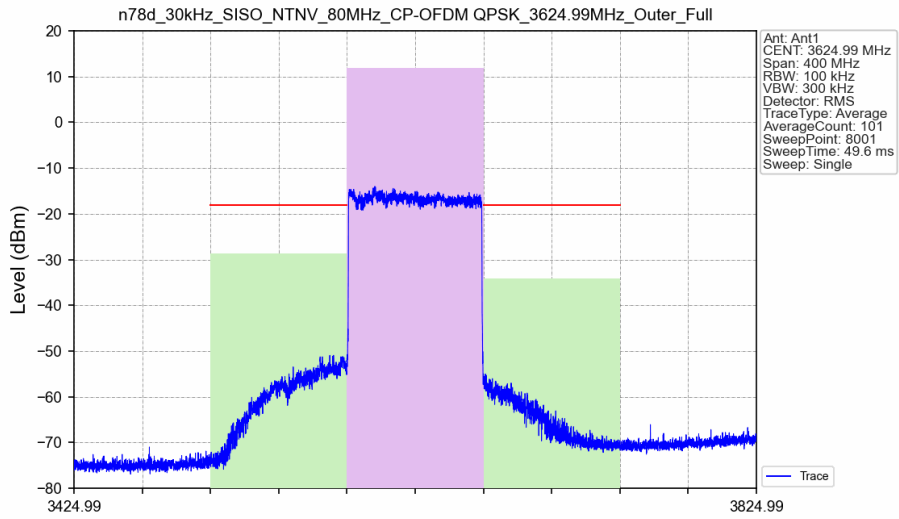
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	11.95	/	/	/	/
Adjacent	-80	80.00	-28.64	-40.59	-30	10.59	Pass
Adjacent	80	80.00	-34.22	-46.17	-30	16.17	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3660MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_3660MHz_Outer_Full

Ant: Ant1
CENT: 3660 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
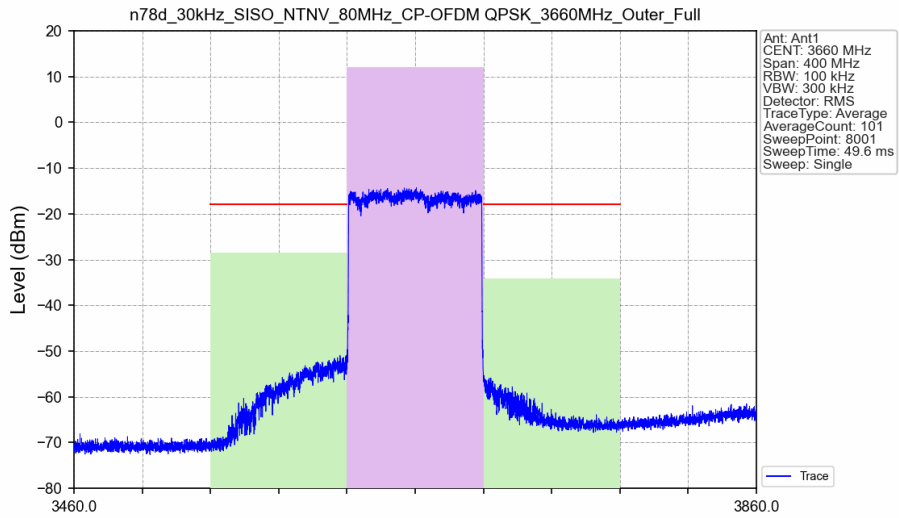
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	12.15	/	/	/	/
Adjacent	-80	80.00	-28.47	-40.62	-30	10.62	Pass
Adjacent	80	80.00	-34.07	-46.22	-30	16.22	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3590.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3590.01MHz_Outer_Full

Ant: Ant1
CENT: 3590.01 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

— Trace
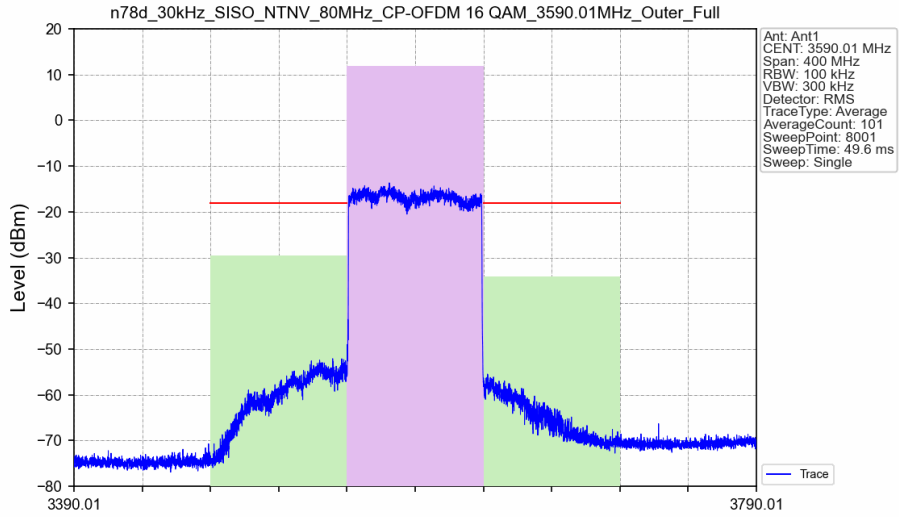
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	11.86	/	/	/	/
Adjacent	-80	80.00	-29.50	-41.36	-30	11.36	Pass
Adjacent	80	80.00	-34.16	-46.02	-30	16.02	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

— Trace
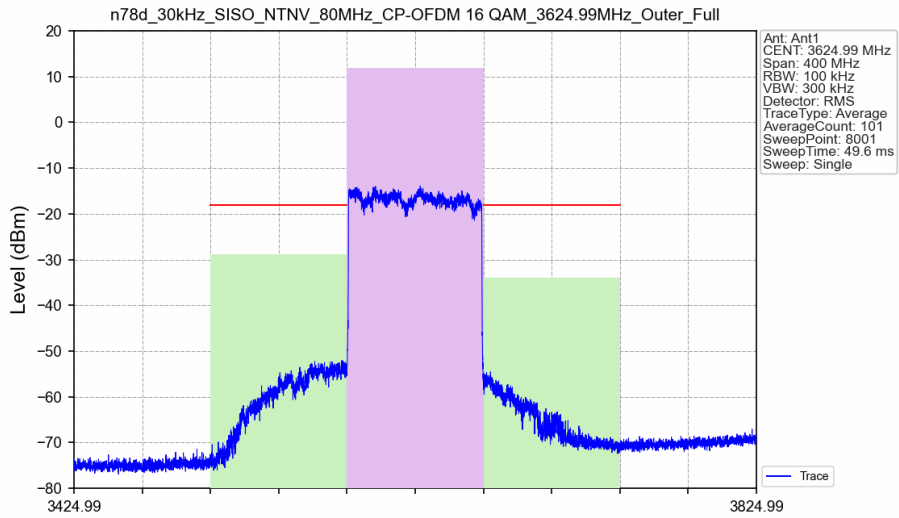
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	11.85	/	/	/	/
Adjacent	-80	80.00	-28.80	-40.65	-30	10.65	Pass
Adjacent	80	80.00	-33.98	-45.83	-30	15.83	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3660MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_3660MHz_Outer_Full

Ant: Ant1
CENT: 3660 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

— Trace
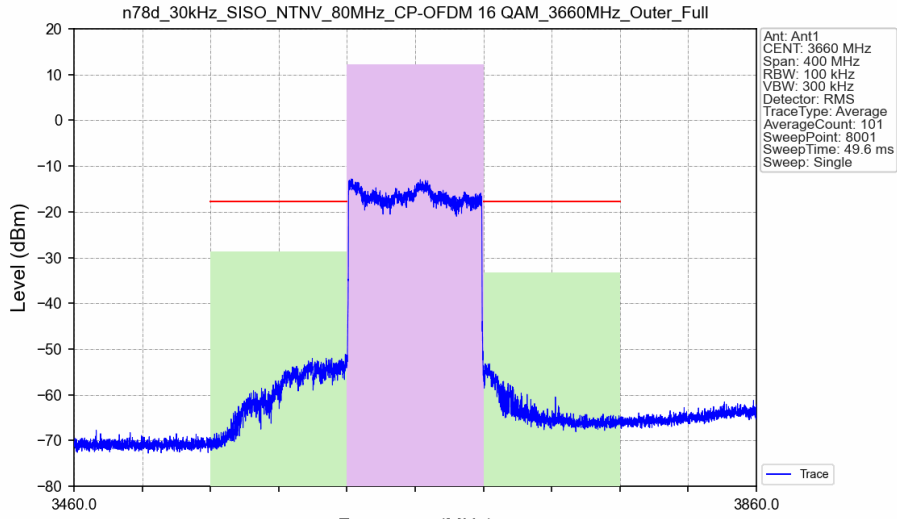
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	12.17	/	/	/	/
Adjacent	-80	80.00	-28.66	-40.83	-30	10.83	Pass
Adjacent	80	80.00	-33.29	-45.46	-30	15.46	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3590.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3590.01MHz_Outer_Full

Ant: Ant1
CENT: 3590.01 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

— Trace
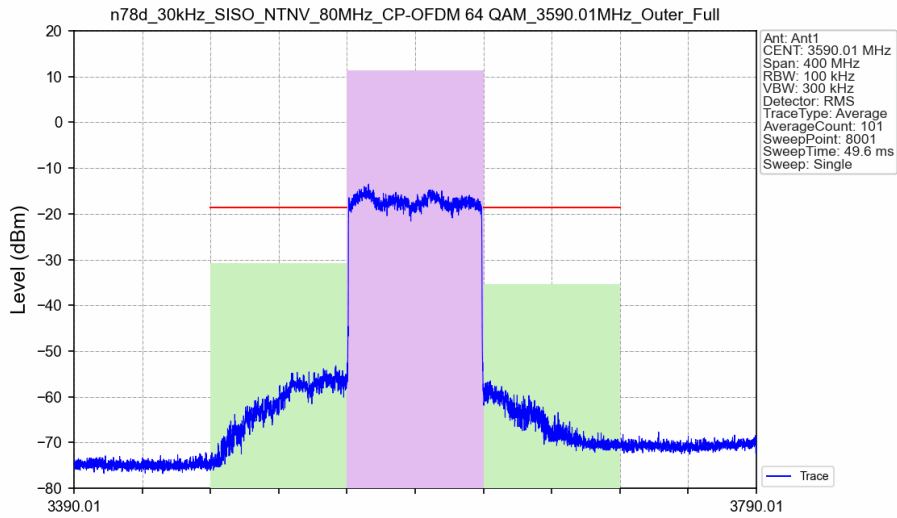
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	11.42	/	/	/	/
Adjacent	-80	80.00	-30.82	-42.24	-30	12.24	Pass
Adjacent	80	80.00	-35.34	-46.76	-30	16.76	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single
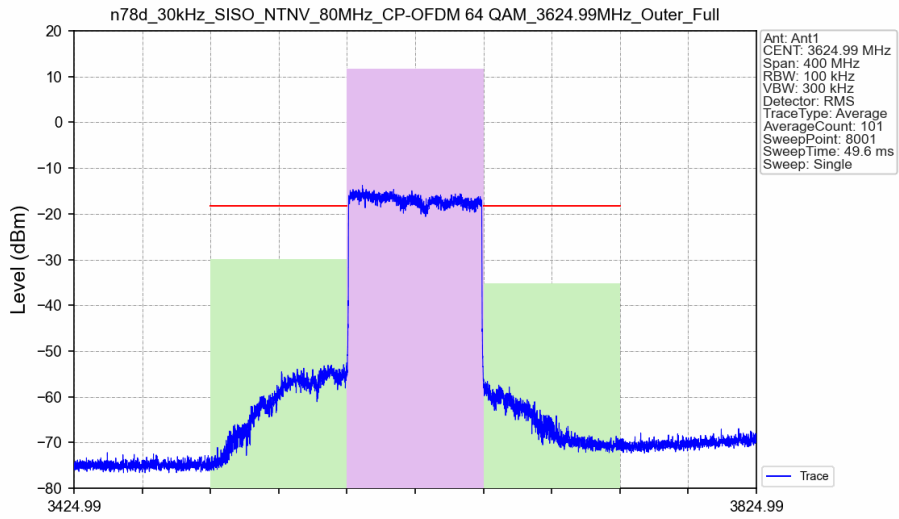
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	11.68	/	/	/	/
Adjacent	-80	80.00	-29.83	-41.51	-30	11.51	Pass
Adjacent	80	80.00	-35.16	-46.84	-30	16.84	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3660MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_3660MHz_Outer_Full

Ant: Ant1
CENT: 3660 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single
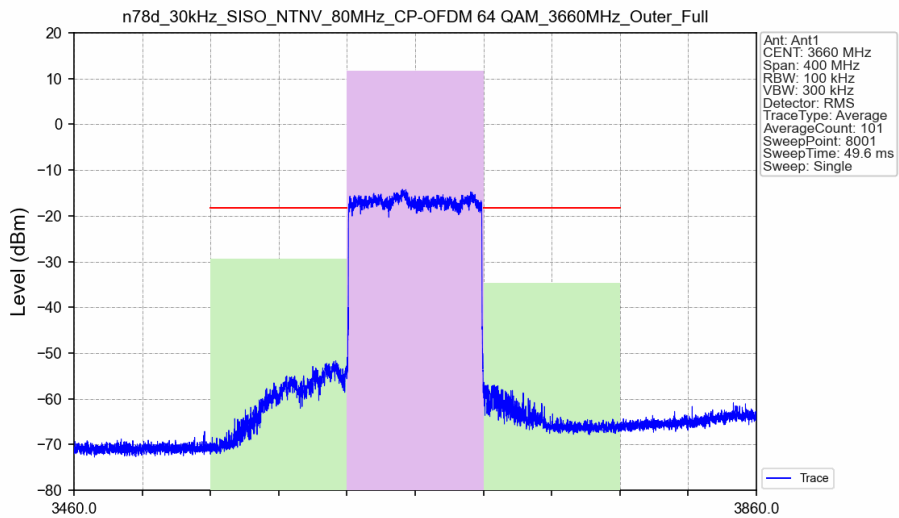
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	11.70	/	/	/	/
Adjacent	-80	80.00	-29.40	-41.10	-30	11.10	Pass
Adjacent	80	80.00	-34.74	-46.44	-30	16.44	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3590.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3590.01MHz_Outer_Full

Ant: Ant1
CENT: 3590.01 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
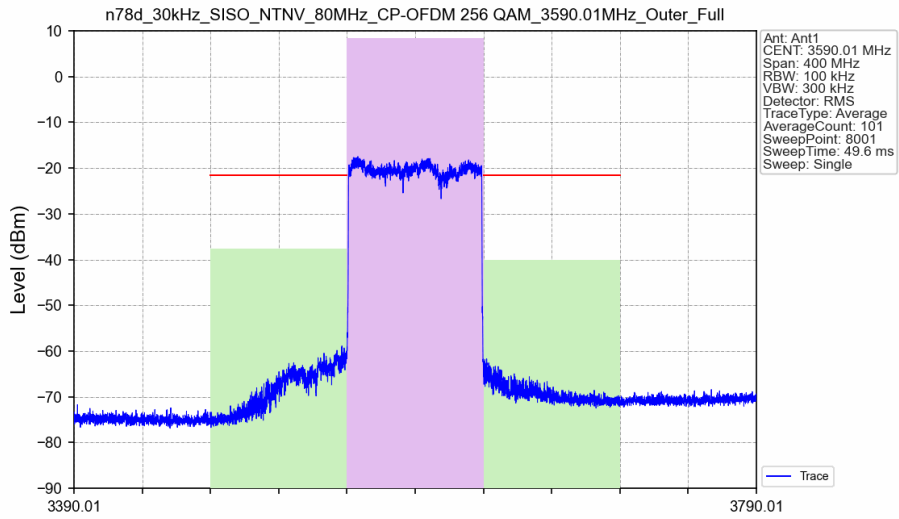
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	8.35	/	/	/	/
Adjacent	-80	80.00	-37.66	-46.01	-30	16.01	Pass
Adjacent	80	80.00	-40.05	-48.40	-30	18.40	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
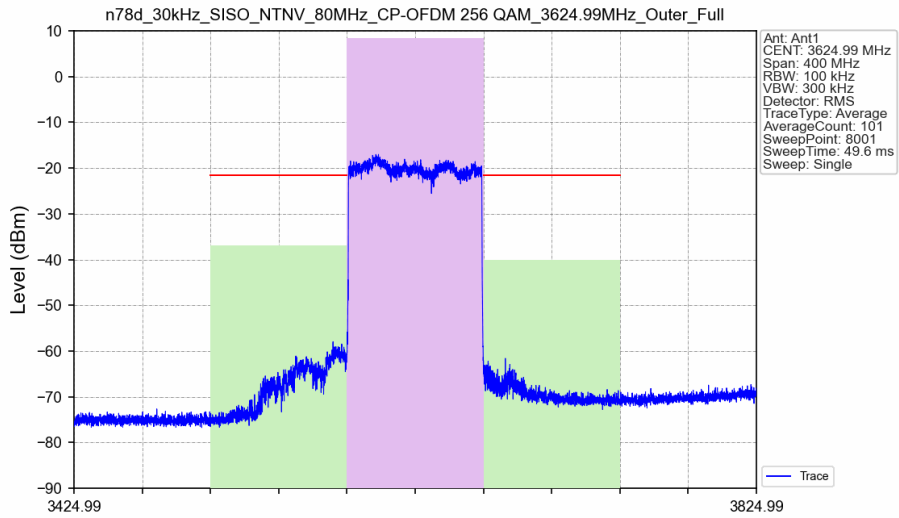
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	8.49	/	/	/	/
Adjacent	-80	80.00	-36.88	-45.37	-30	15.37	Pass
Adjacent	80	80.00	-40.12	-48.61	-30	18.61	Pass

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3660MHz_Outer_Full

n78d_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_3660MHz_Outer_Full

Ant: Ant1
CENT: 3660 MHz
Span: 400 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 8001
SweepTime: 49.6 ms
Sweep: Single

Trace
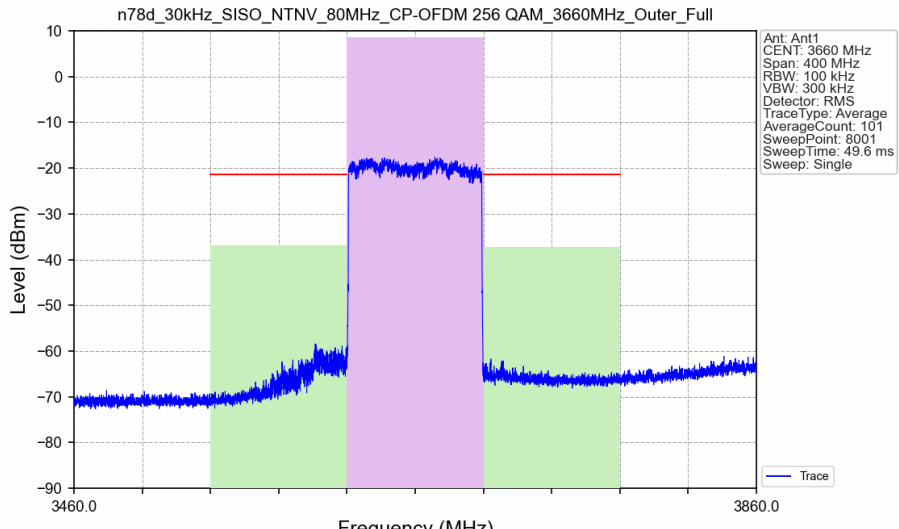
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	80.00	8.67	/	/	/	/
Adjacent	-80	80.00	-36.85	-45.52	-30	15.52	Pass
Adjacent	80	80.00	-37.28	-45.95	-30	15.95	Pass

6.8 30k_SISO_90MHz_NTNV

6.8.1 Test Result

Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
DFT-s-OFDM PI/2 BPSK	3595.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3654.99	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM QPSK	3595.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3654.99	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 16 QAM	3595.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3654.99	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 64 QAM	3595.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3654.99	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 256 QAM	3595.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3654.99	Outer_Full	Refer To Test Graph		Pass
CP-OFDM QPSK	3595.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3654.99	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 16 QAM	3595.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3654.99	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 64 QAM	3595.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3654.99	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 256 QAM	3595.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3654.99	Outer_Full	Refer To Test Graph		Pass

5G NR n78d SCS=30kHz SISO 90MHz NTNV

6.8.2 Test Graph

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3595.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3595.02MHz_Outer_Full

Ant: Ant1
CENT: 3595.02 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	14.58	/	/	/	/
Adjacent	-90	90.00	-28.93	-43.51	-30	13.51	Pass
Adjacent	90	90.00	-34.62	-49.20	-30	19.20	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

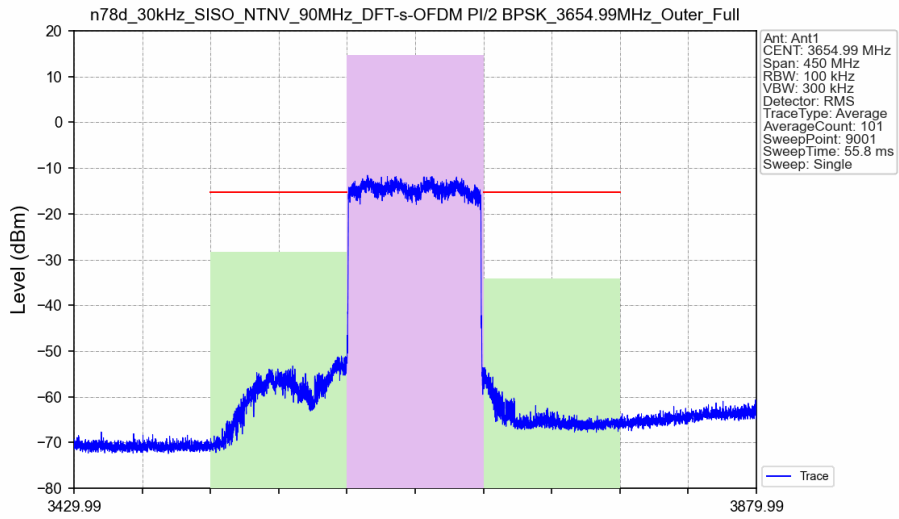| Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	14.41	/	/	/	/
Adjacent	-90	90.00	-28.41	-42.82	-30	12.82	Pass
Adjacent	90	90.00	-35.25	-49.66	-30	19.66	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3654.99MHz_Outer_Full

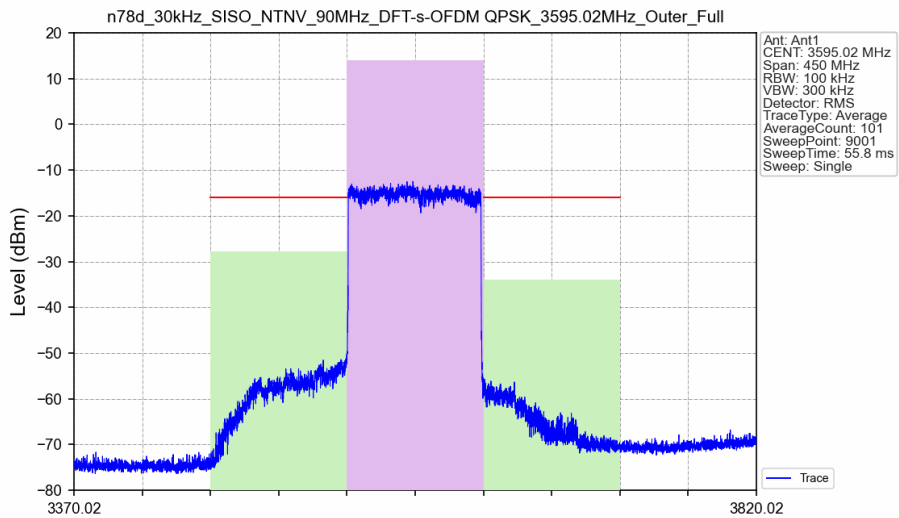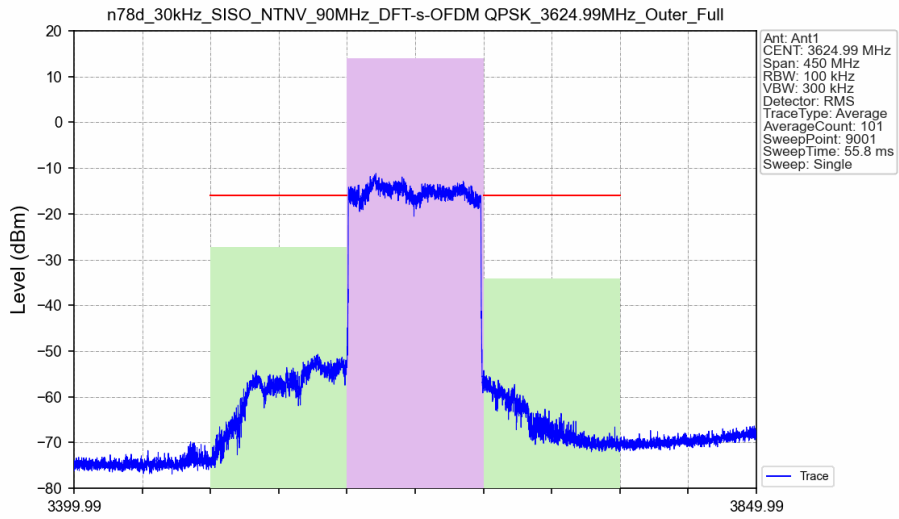n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_3654.99MHz_Outer_Full

Ant: Ant1
CENT: 3654.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	14.64	/	/	/	/
Adjacent	-90	90.00	-28.37	-43.01	-30	13.01	Pass
Adjacent	90	90.00	-34.21	-48.85	-30	18.85	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3595.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3595.02MHz_Outer_Full

Ant: Ant1
CENT: 3595.02 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	13.94	/	/	/	/
Adjacent	-90	90.00	-27.80	-41.74	-30	11.74	Pass
Adjacent	90	90.00	-33.91	-47.85	-30	17.85	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	13.97	/	/	/	/
Adjacent	-90	90.00	-27.25	-41.22	-30	11.22	Pass
Adjacent	90	90.00	-34.08	-48.05	-30	18.05	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3654.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_3654.99MHz_Outer_Full

Ant: Ant1
CENT: 3654.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single
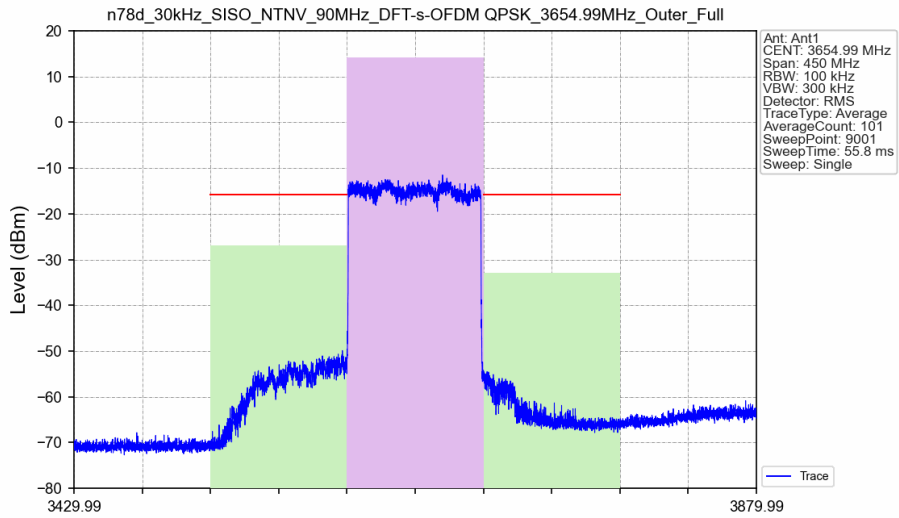
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	14.21	/	/	/	/
Adjacent	-90	90.00	-26.83	-41.04	-30	11.04	Pass
Adjacent	90	90.00	-32.92	-47.13	-30	17.13	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3595.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3595.02MHz_Outer_Full

Ant: Ant1
CENT: 3595.02 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
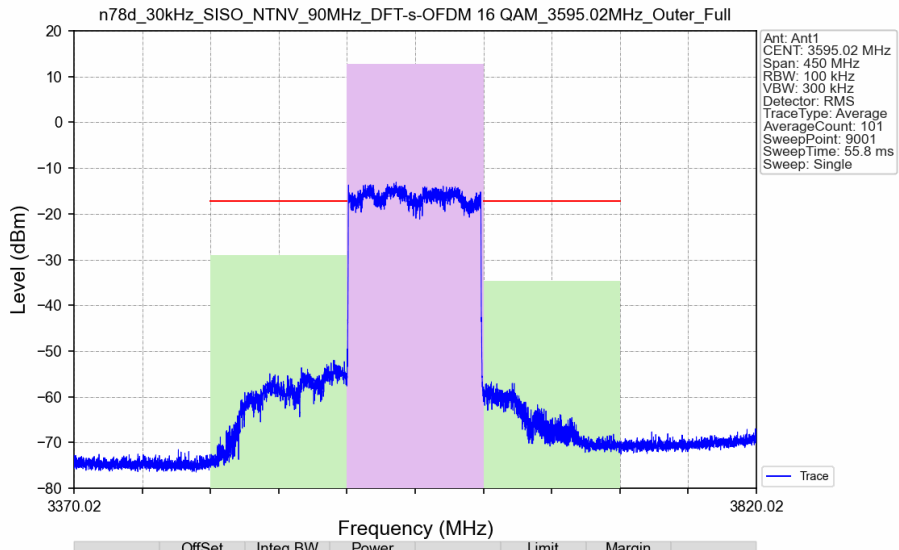
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	12.84	/	/	/	/
Adjacent	-90	90.00	-29.11	-41.95	-30	11.95	Pass
Adjacent	90	90.00	-34.72	-47.56	-30	17.56	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
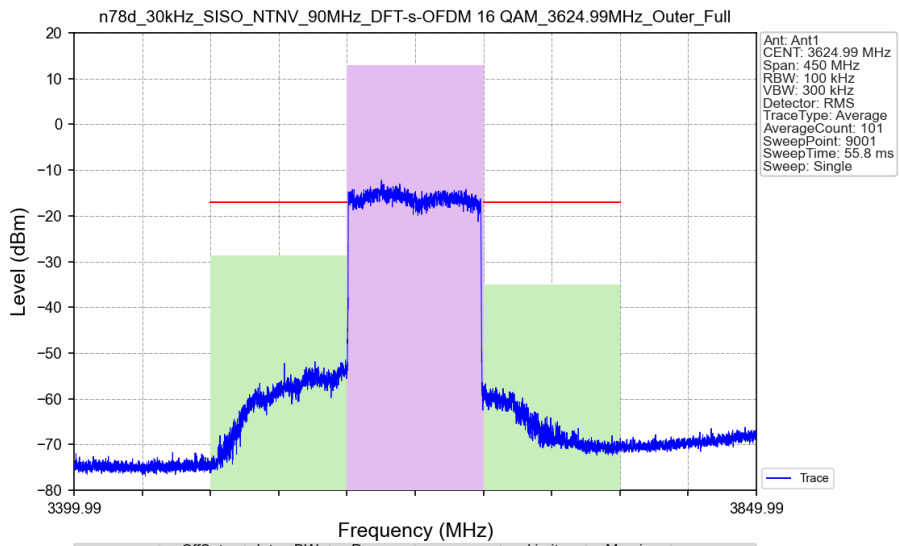
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	13.03	/	/	/	/
Adjacent	-90	90.00	-28.67	-41.70	-30	11.70	Pass
Adjacent	90	90.00	-35.03	-48.06	-30	18.06	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3654.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_3654.99MHz_Outer_Full

Ant: Ant1
CENT: 3654.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
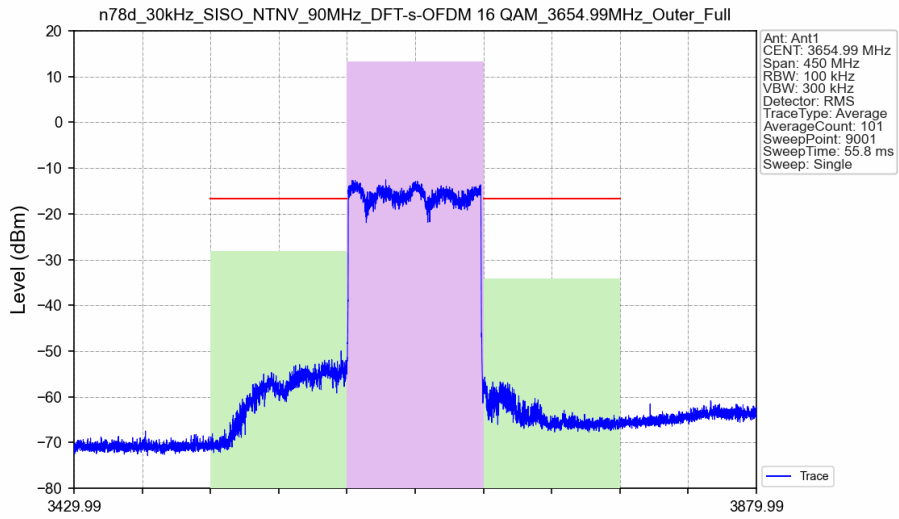
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	13.32	/	/	/	/
Adjacent	-90	90.00	-28.11	-41.43	-30	11.43	Pass
Adjacent	90	90.00	-34.16	-47.48	-30	17.48	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3595.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3595.02MHz_Outer_Full

Ant: Ant1
CENT: 3595.02 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
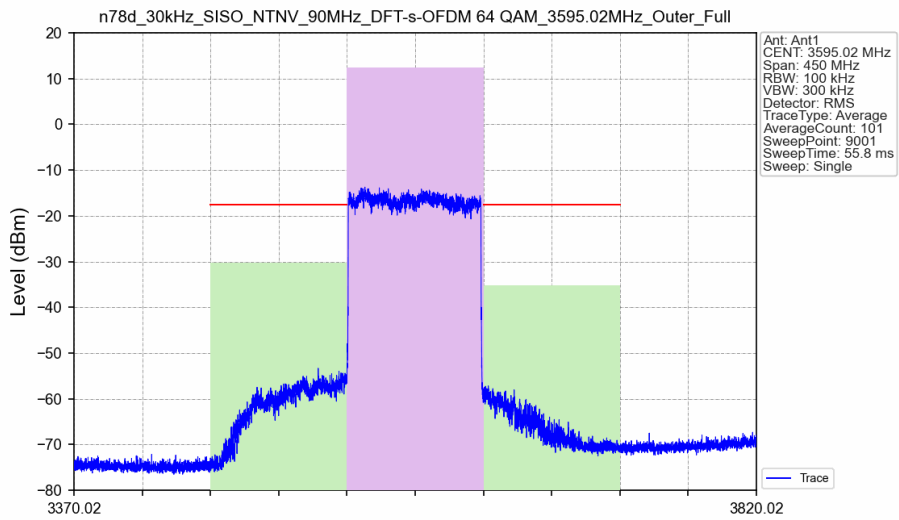
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	12.44	/	/	/	/
Adjacent	-90	90.00	-30.24	-42.68	-30	12.68	Pass
Adjacent	90	90.00	-35.25	-47.69	-30	17.69	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

— Trace
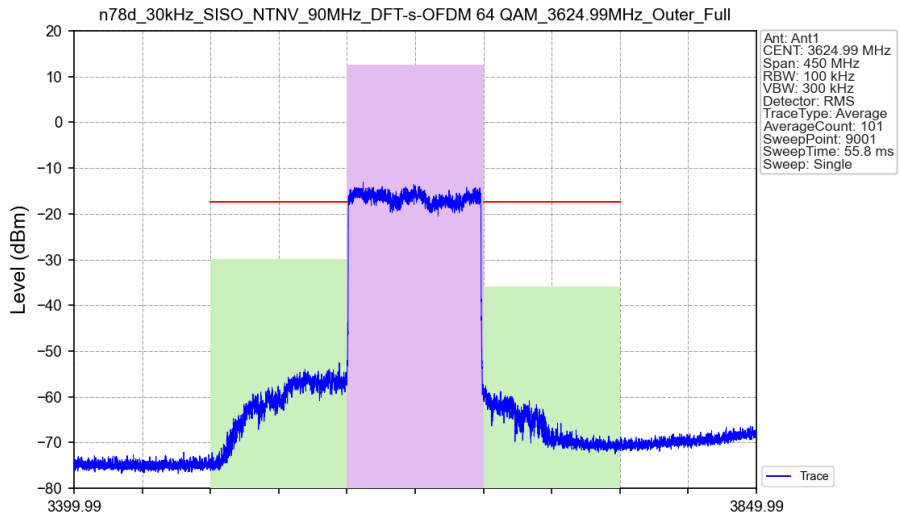
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	12.67	/	/	/	/
Adjacent	-90	90.00	-29.94	-42.61	-30	12.61	Pass
Adjacent	90	90.00	-35.93	-48.60	-30	18.60	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3654.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_3654.99MHz_Outer_Full

Ant: Ant1
CENT: 3654.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

— Trace
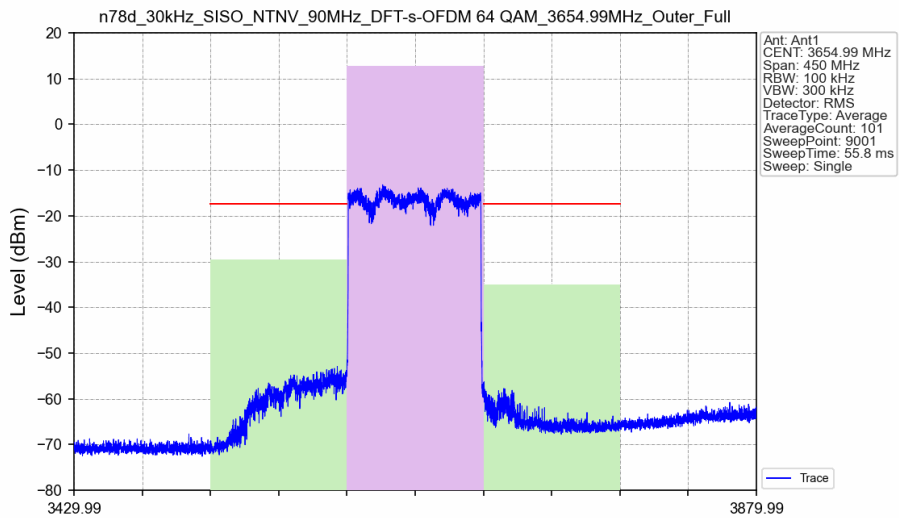
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	12.69	/	/	/	/
Adjacent	-90	90.00	-29.58	-42.27	-30	12.27	Pass
Adjacent	90	90.00	-35.02	-47.71	-30	17.71	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3595.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3595.02MHz_Outer_Full

Ant: Ant1
CENT: 3595.02 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
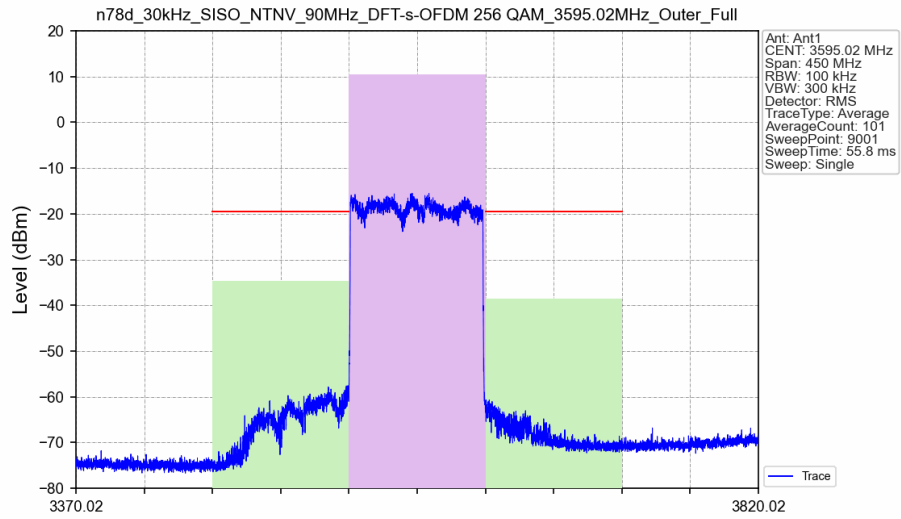
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	10.43	/	/	/	/
Adjacent	-90	90.00	-34.69	-45.12	-30	15.12	Pass
Adjacent	90	90.00	-38.49	-48.92	-30	18.92	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
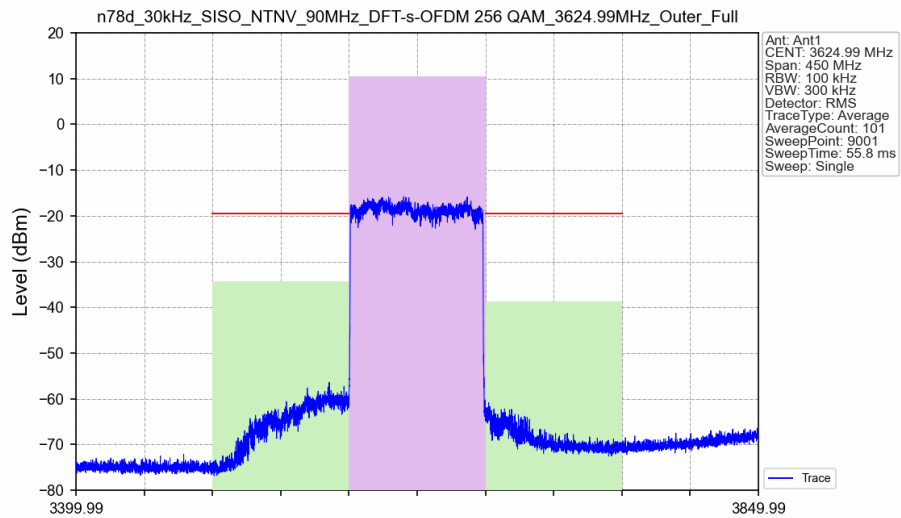
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	10.47	/	/	/	/
Adjacent	-90	90.00	-34.30	-44.77	-30	14.77	Pass
Adjacent	90	90.00	-38.77	-49.24	-30	19.24	Pass

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3654.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_3654.99MHz_Outer_Full

Ant: Ant1
CENT: 3654.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

— Trace
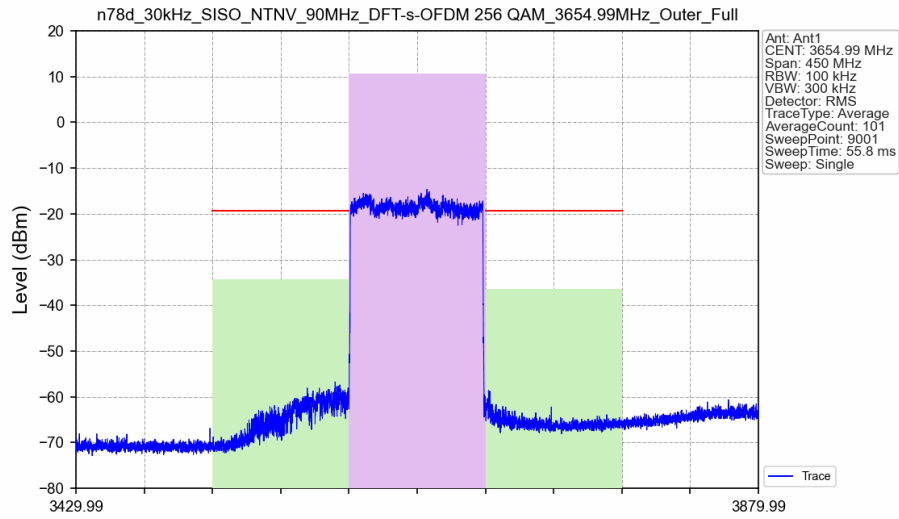
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	10.68	/	/	/	/
Adjacent	-90	90.00	-34.29	-44.97	-30	14.97	Pass
Adjacent	90	90.00	-36.38	-47.06	-30	17.06	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3595.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3595.02MHz_Outer_Full

Ant: Ant1
CENT: 3595.02 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

— Trace
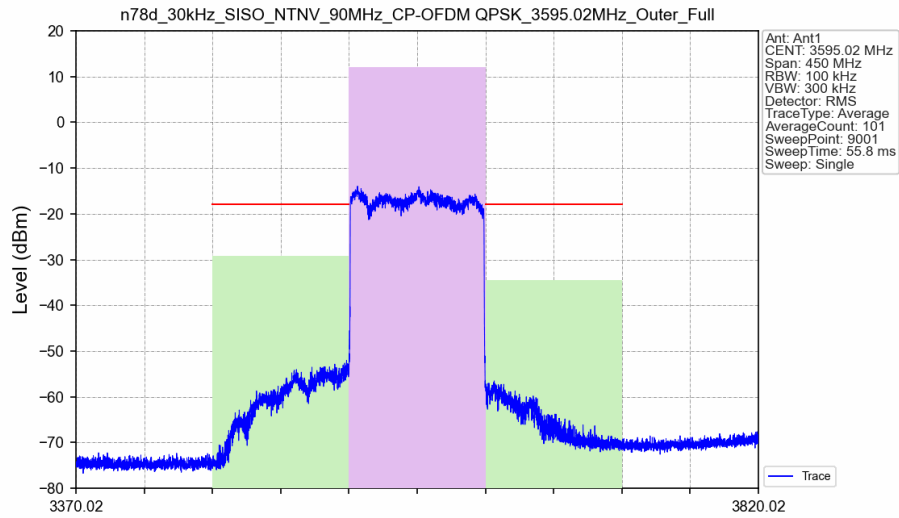
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	12.05	/	/	/	/
Adjacent	-90	90.00	-29.21	-41.26	-30	11.26	Pass
Adjacent	90	90.00	-34.43	-46.48	-30	16.48	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
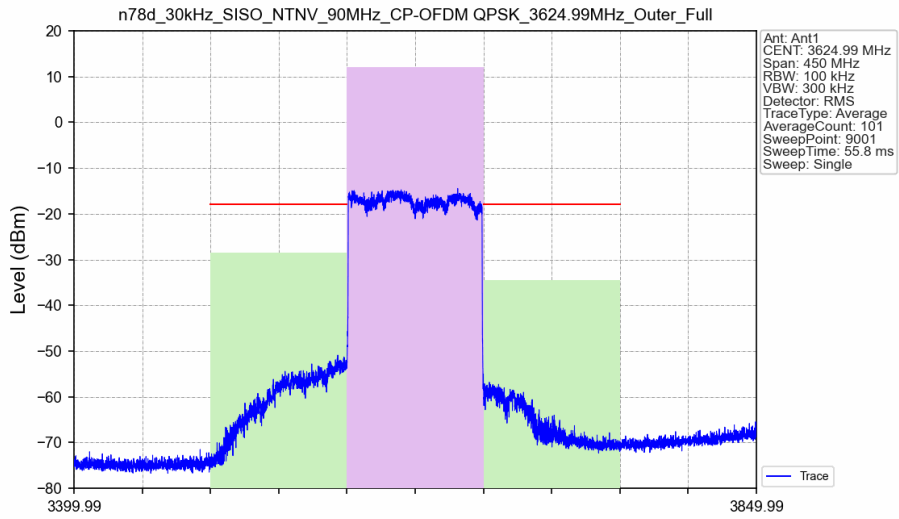
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	12.01	/	/	/	/
Adjacent	-90	90.00	-28.43	-40.44	-30	10.44	Pass
Adjacent	90	90.00	-34.56	-46.57	-30	16.57	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3654.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_3654.99MHz_Outer_Full

Ant: Ant1
CENT: 3654.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
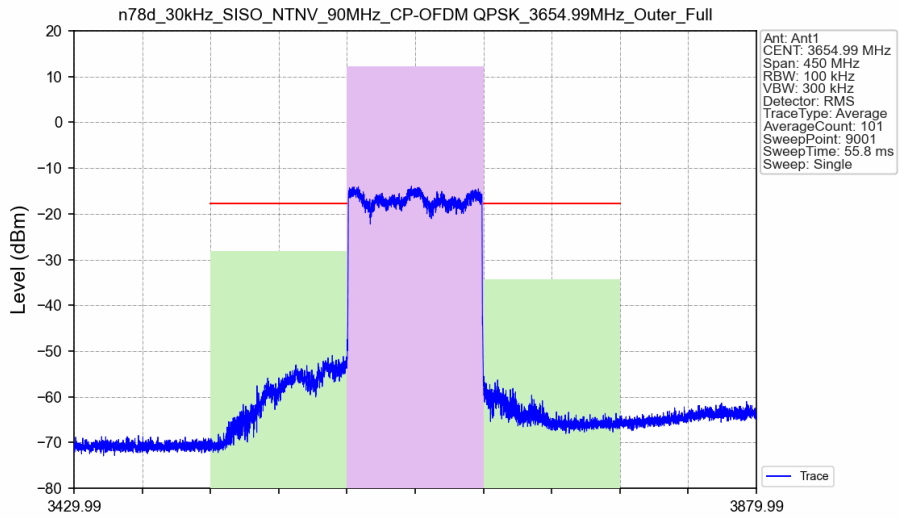
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	12.31	/	/	/	/
Adjacent	-90	90.00	-28.23	-40.54	-30	10.54	Pass
Adjacent	90	90.00	-34.29	-46.60	-30	16.60	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3595.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3595.02MHz_Outer_Full

Ant: Ant1
CENT: 3595.02 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
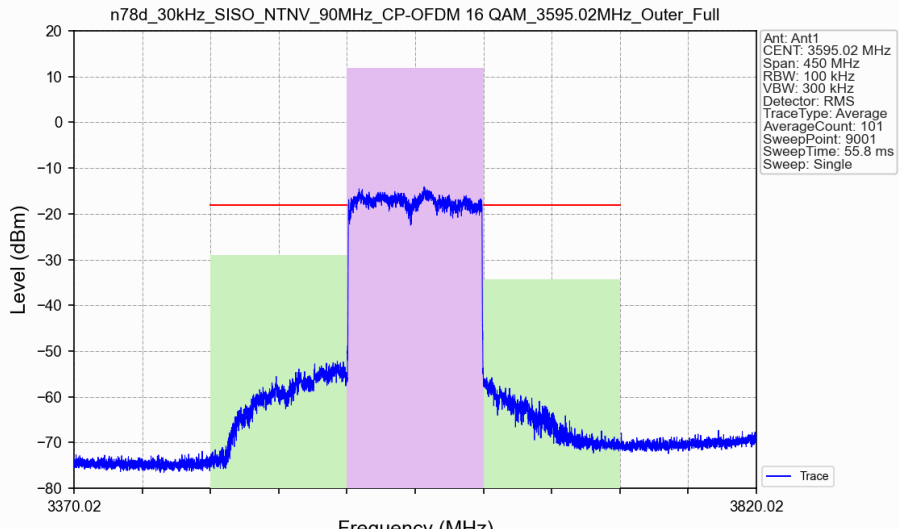
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	11.88	/	/	/	/
Adjacent	-90	90.00	-29.04	-40.92	-30	10.92	Pass
Adjacent	90	90.00	-34.25	-46.13	-30	16.13	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
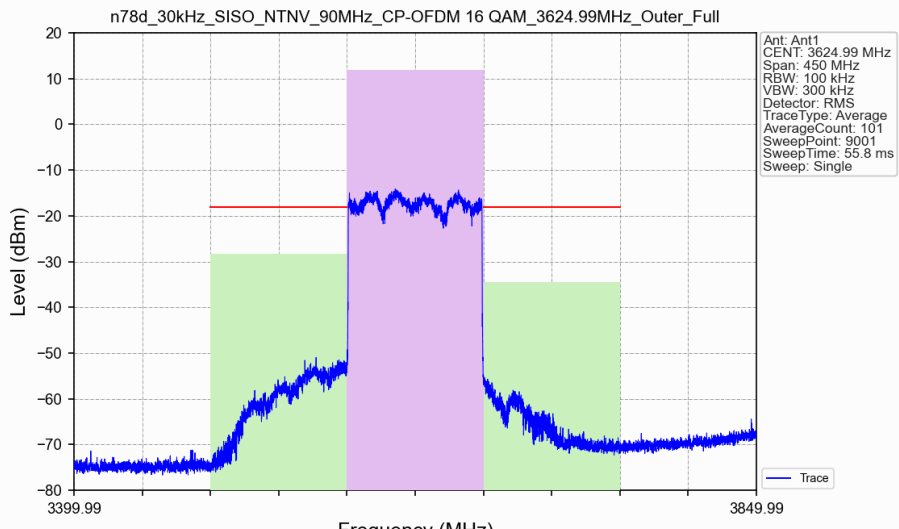
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	11.91	/	/	/	/
Adjacent	-90	90.00	-28.35	-40.26	-30	10.26	Pass
Adjacent	90	90.00	-34.49	-46.40	-30	16.40	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3654.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_3654.99MHz_Outer_Full

Ant: Ant1
CENT: 3654.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

— Trace
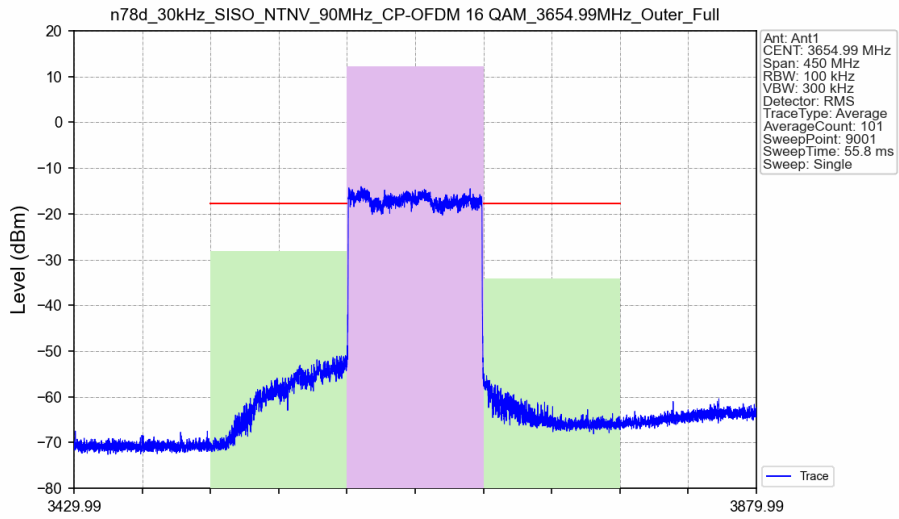
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	12.17	/	/	/	
Adjacent	-90	90.00	-28.09	-40.26	-30	10.26	Pass
Adjacent	90	90.00	-34.12	-46.29	-30	16.29	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3595.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3595.02MHz_Outer_Full

Ant: Ant1
CENT: 3595.02 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

— Trace
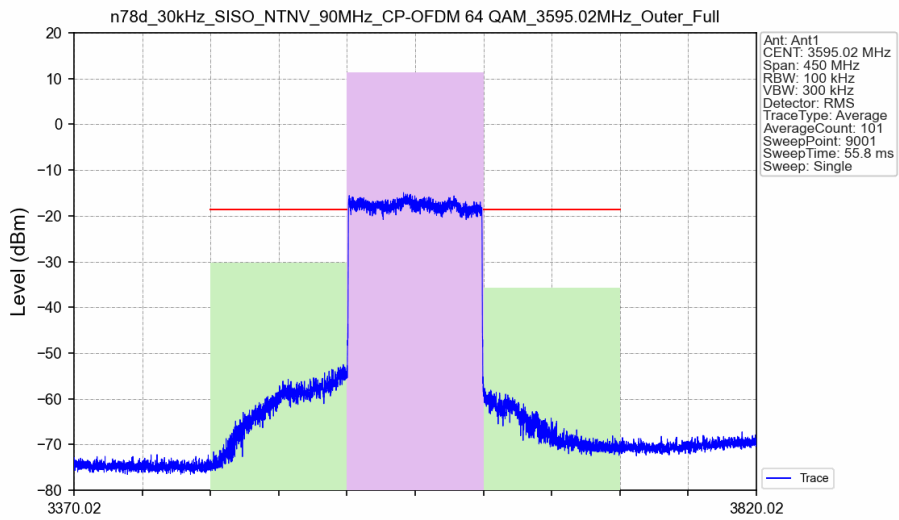
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	11.44	/	/	/	
Adjacent	-90	90.00	-30.30	-41.74	-30	11.74	Pass
Adjacent	90	90.00	-35.68	-47.12	-30	17.12	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
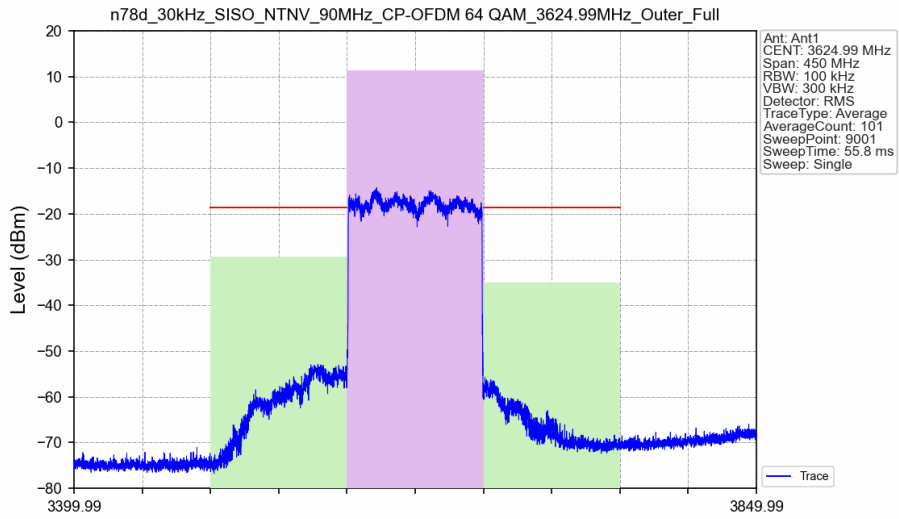
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	11.30	/	/	/	/
Adjacent	-90	90.00	-29.40	-40.70	-30	10.70	Pass
Adjacent	90	90.00	-34.98	-46.28	-30	16.28	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3654.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_3654.99MHz_Outer_Full

Ant: Ant1
CENT: 3654.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
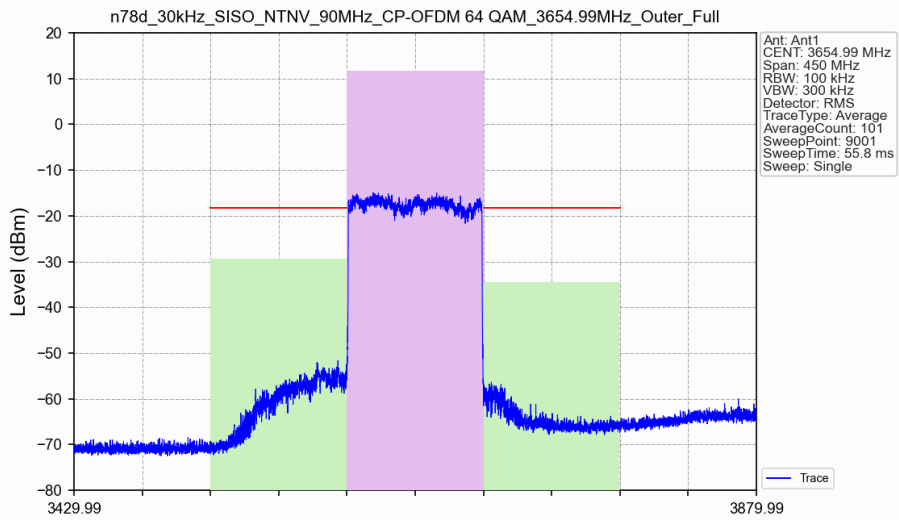
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	11.69	/	/	/	/
Adjacent	-90	90.00	-29.35	-41.04	-30	11.04	Pass
Adjacent	90	90.00	-34.43	-46.12	-30	16.12	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3595.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3595.02MHz_Outer_Full

Ant: Ant1
CENT: 3595.02 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
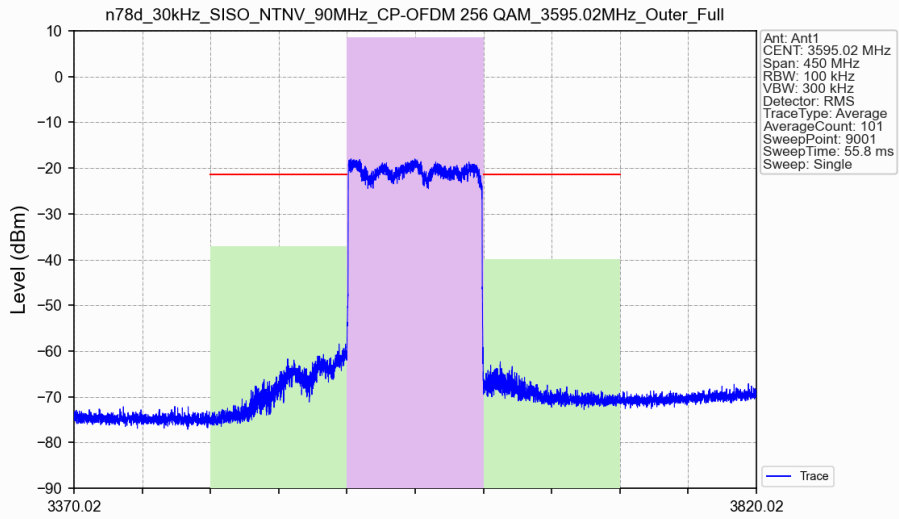
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	8.53	/	/	/	/
Adjacent	-90	90.00	-37.08	-45.61	-30	15.61	Pass
Adjacent	90	90.00	-39.86	-48.39	-30	18.39	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

Trace
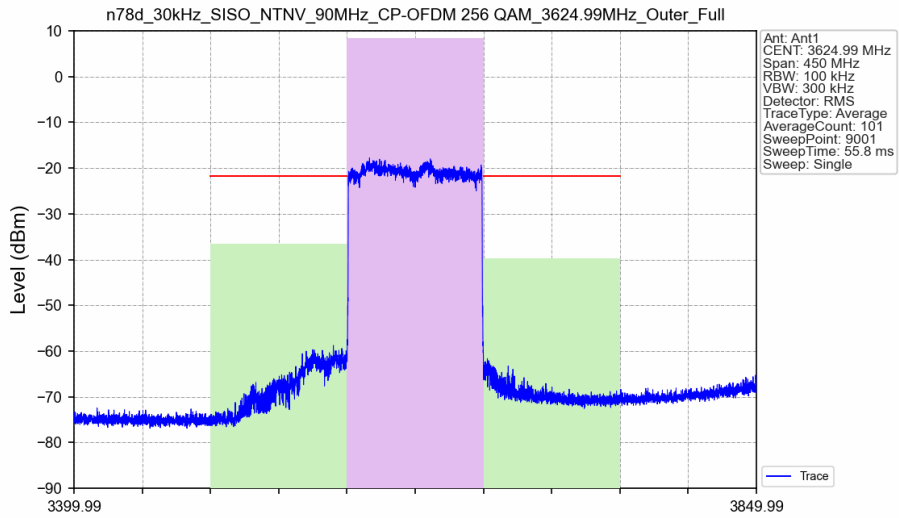
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	8.34	/	/	/	/
Adjacent	-90	90.00	-36.62	-44.96	-30	14.96	Pass
Adjacent	90	90.00	-39.68	-48.02	-30	18.02	Pass

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3654.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_3654.99MHz_Outer_Full

Ant: Ant1
CENT: 3654.99 MHz
Span: 450 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 9001
SweepTime: 55.8 ms
Sweep: Single

— Trace
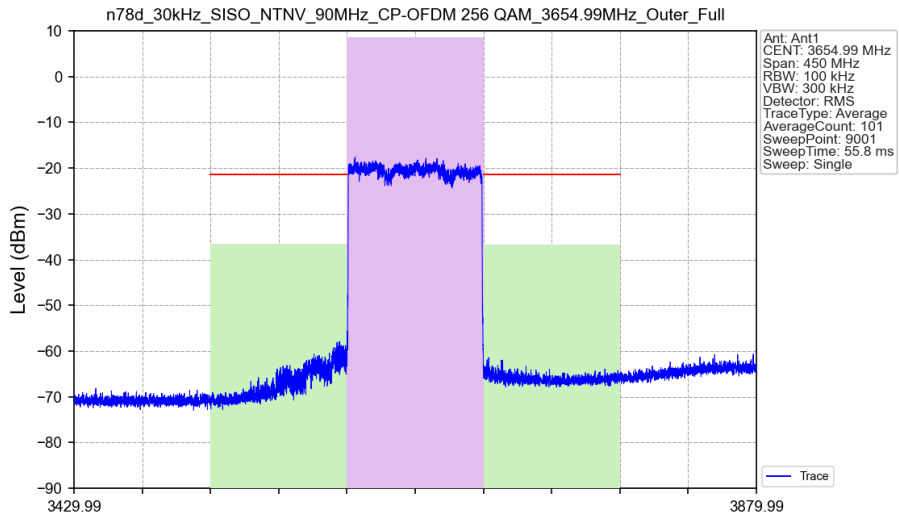
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	90.00	8.65	/	/	/	/
Adjacent	-90	90.00	-36.57	-45.22	-30	15.22	Pass
Adjacent	90	90.00	-36.75	-45.40	-30	15.40	Pass

6.9 30k_SISO_100MHz_NTNV

6.9.1 Test Result

Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
5G NR n78d SCS=30kHz SISO 100MHz NTNV					
			Result	Limit	
DFT-s-OFDM PI/2 BPSK	3600	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3649.98	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM QPSK	3600	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3649.98	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 16 QAM	3600	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3649.98	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 64 QAM	3600	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3649.98	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 256 QAM	3600	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3649.98	Outer_Full	Refer To Test Graph		Pass
CP-OFDM QPSK	3600	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3649.98	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 16 QAM	3600	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3649.98	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 64 QAM	3600	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3649.98	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 256 QAM	3600	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3649.98	Outer_Full	Refer To Test Graph		Pass

6.9.2 Test Graph

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3600MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3600MHz_Outer_Full

Ant: Ant1
CENT: 3600 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	14.34	/	/	/	/
Adjacent	-100	100.00	-27.82	-42.16	-30	12.16	Pass
Adjacent	100	100.00	-35.68	-50.02	-30	20.02	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	14.47	/	/	/	/
Adjacent	-100	100.00	-27.56	-42.03	-30	12.03	Pass
Adjacent	100	100.00	-36.74	-51.21	-30	21.21	Pass

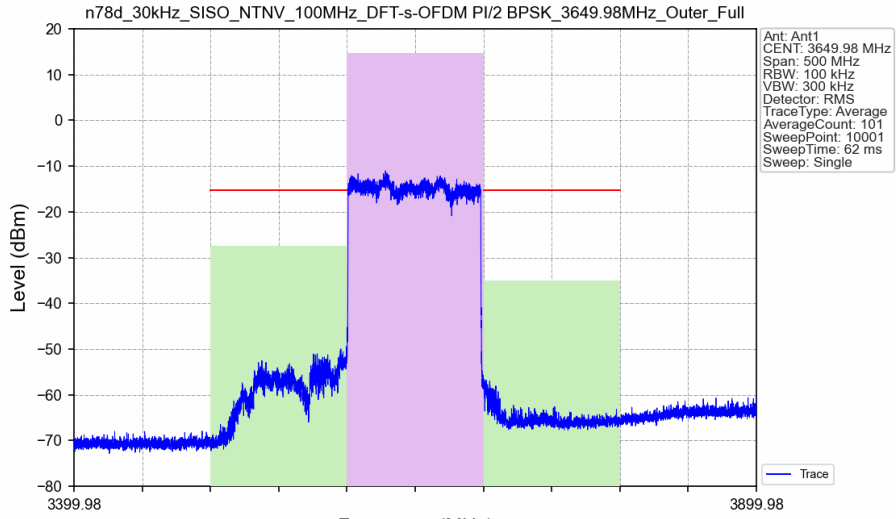## n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3649.98MHz_Outer_Full

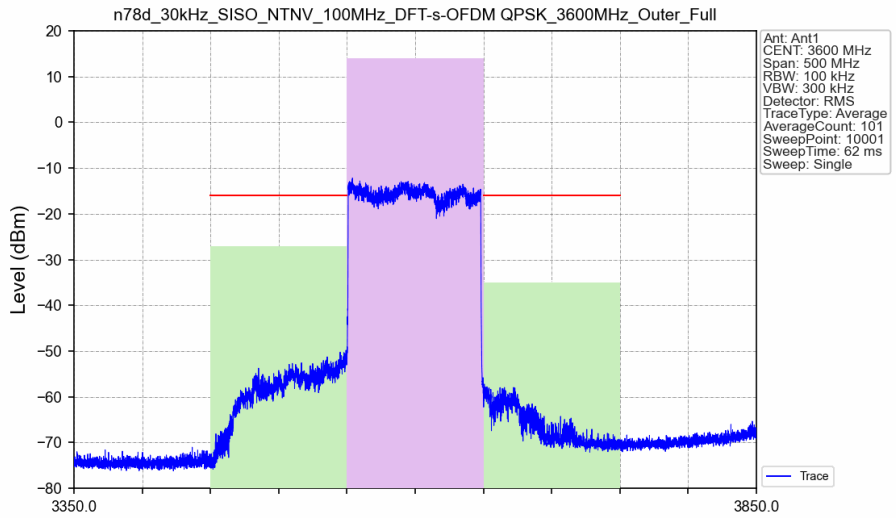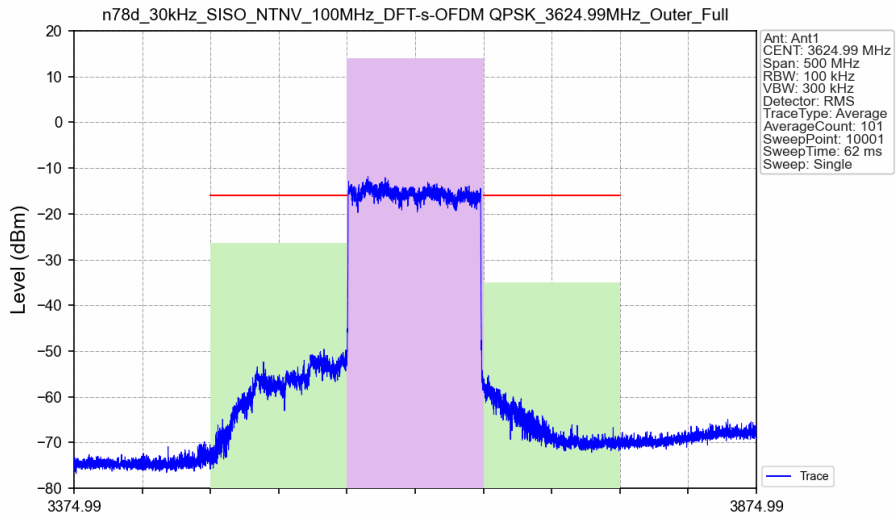n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_3649.98MHz_Outer_Full

Ant: Ant1
CENT: 3649.98 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

— Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	14.79	/	/	/	/
Adjacent	-100	100.00	-27.48	-42.27	-30	12.27	Pass
Adjacent	100	100.00	-34.94	-49.73	-30	19.73	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3600MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3600MHz_Outer_Full

Ant: Ant1
CENT: 3600 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

— Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	14.03	/	/	/	/
Adjacent	-100	100.00	-27.02	-41.05	-30	11.05	Pass
Adjacent	100	100.00	-34.96	-48.99	-30	18.99	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Frequency (MHz)

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	14.04	/	/	/	/
Adjacent	-100	100.00	-26.42	-40.46	-30	10.46	Pass
Adjacent	100	100.00	-35.02	-49.06	-30	19.06	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3649.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_3649.98MHz_Outer_Full

Ant: Ant1
CENT: 3649.98 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Frequency (MHz)
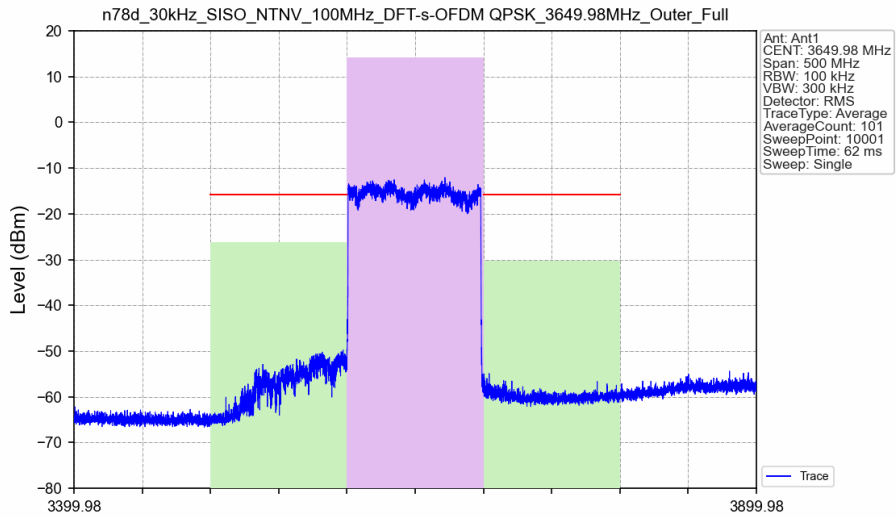
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	14.14	/	/	/	/
Adjacent	-100	100.00	-26.16	-40.30	-30	10.30	Pass
Adjacent	100	100.00	-30.22	-44.36	-30	14.36	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3600MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3600MHz_Outer_Full

Ant: Ant1
CENT: 3600 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single
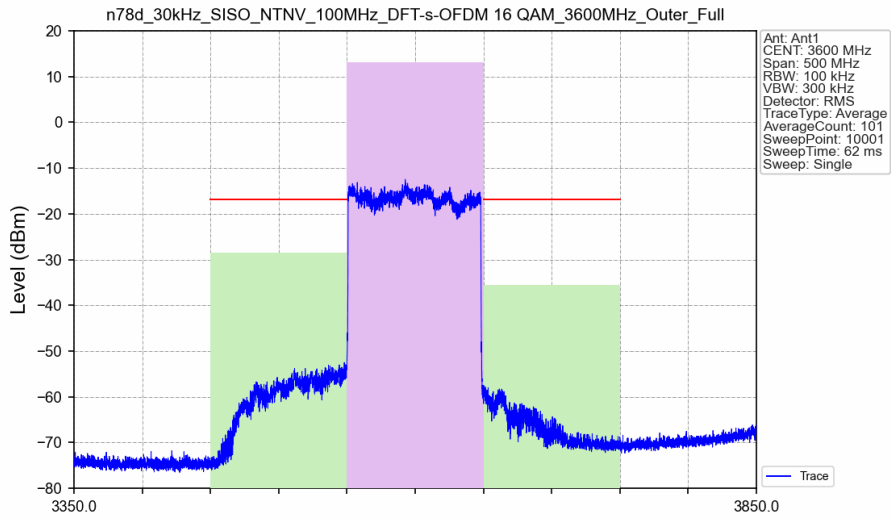
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	13.12	/	/	/	/
Adjacent	-100	100.00	-28.54	-41.66	-30	11.66	Pass
Adjacent	100	100.00	-35.49	-48.61	-30	18.61	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single
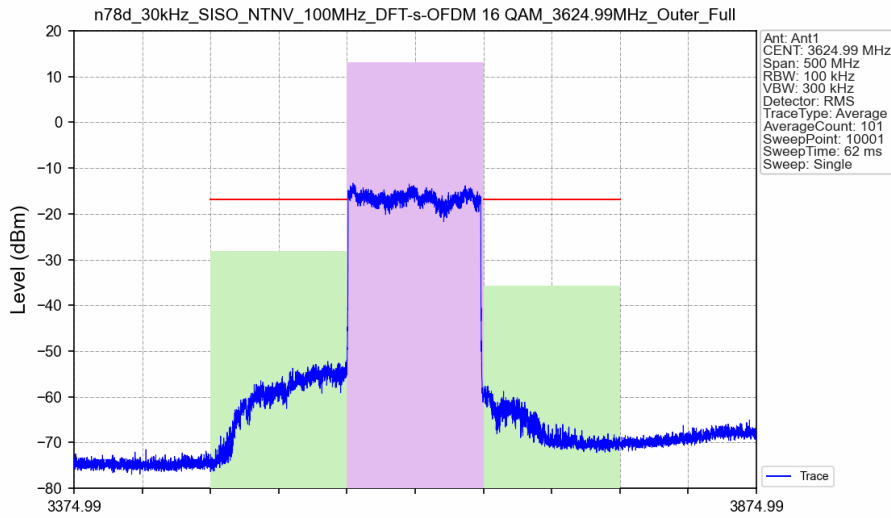
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	13.06	/	/	/	/
Adjacent	-100	100.00	-28.16	-41.22	-30	11.22	Pass
Adjacent	100	100.00	-35.78	-48.84	-30	18.84	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3649.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_3649.98MHz_Outer_Full

Ant: Ant1
CENT: 3649.98 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Trace
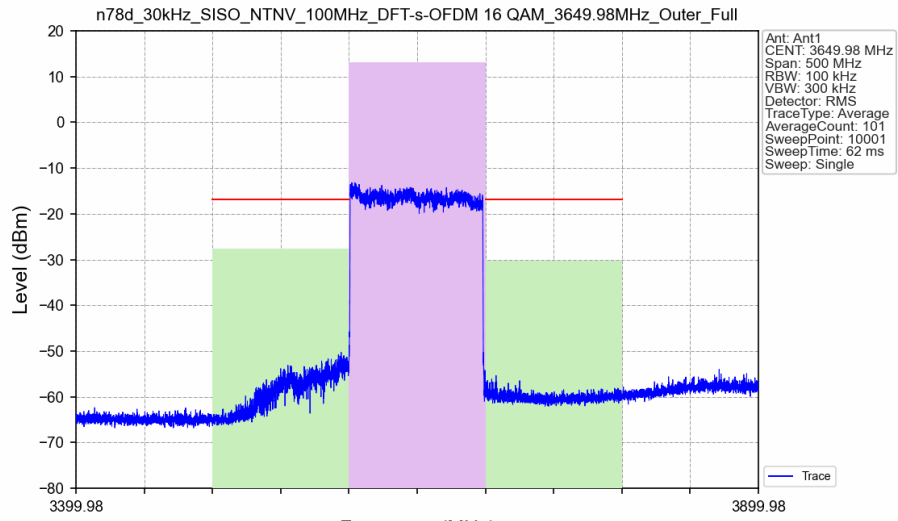
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	13.17	/	/	/	/
Adjacent	-100	100.00	-27.63	-40.80	-30	10.80	Pass
Adjacent	100	100.00	-30.35	-43.52	-30	13.52	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3600MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3600MHz_Outer_Full

Ant: Ant1
CENT: 3600 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Trace
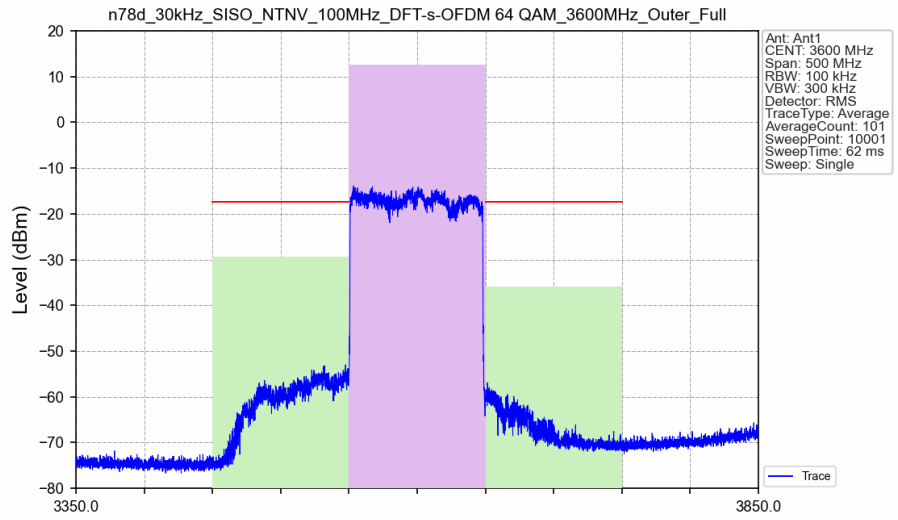
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	12.53	/	/	/	/
Adjacent	-100	100.00	-29.39	-41.92	-30	11.92	Pass
Adjacent	100	100.00	-35.87	-48.40	-30	18.40	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

— Trace
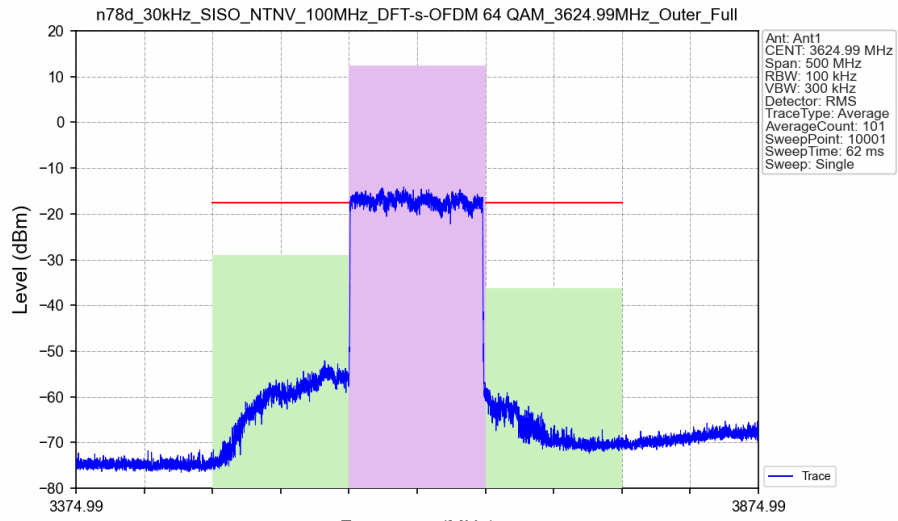
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	12.50	/	/	/	/
Adjacent	-100	100.00	-29.01	-41.51	-30	11.51	Pass
Adjacent	100	100.00	-36.30	-48.80	-30	18.80	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3649.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_3649.98MHz_Outer_Full

Ant: Ant1
CENT: 3649.98 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

— Trace
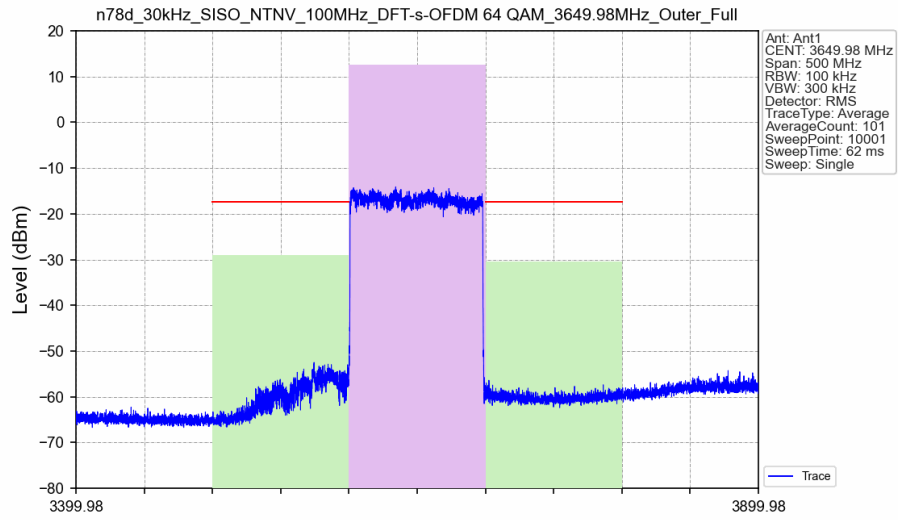
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	12.66	/	/	/	/
Adjacent	-100	100.00	-29.10	-41.76	-30	11.76	Pass
Adjacent	100	100.00	-30.42	-43.08	-30	13.08	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3600MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3600MHz_Outer_Full

Ant: Ant1
CENT: 3600 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Trace
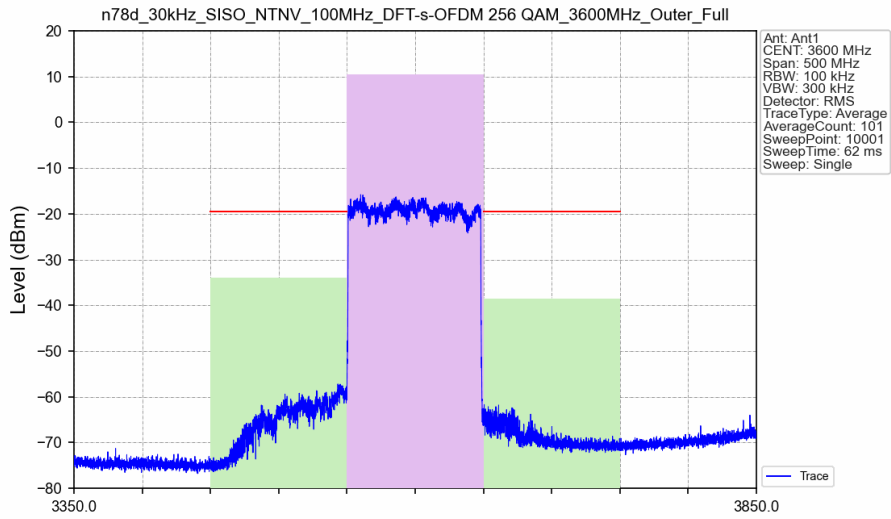
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	10.48	/	/	/	/
Adjacent	-100	100.00	-33.95	-44.43	-30	14.43	Pass
Adjacent	100	100.00	-38.56	-49.04	-30	19.04	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Trace
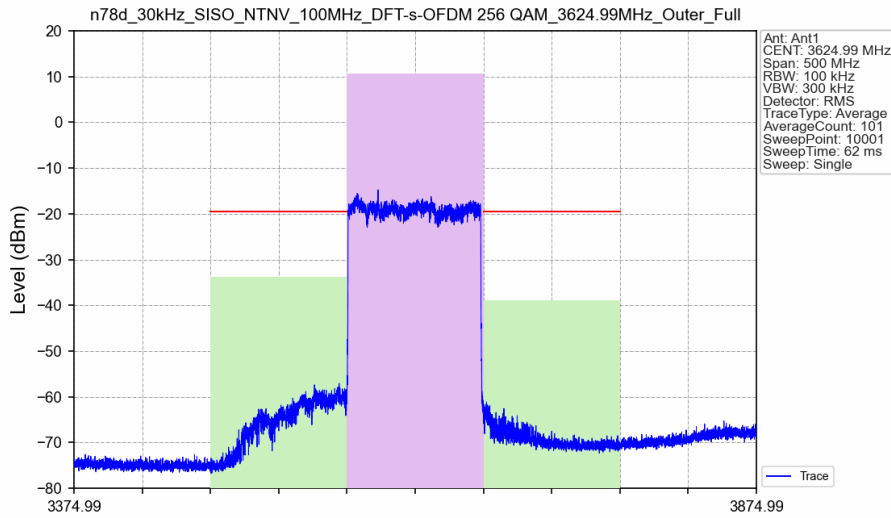
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	10.58	/	/	/	/
Adjacent	-100	100.00	-33.79	-44.37	-30	14.37	Pass
Adjacent	100	100.00	-38.93	-49.51	-30	19.51	Pass

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3649.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_3649.98MHz_Outer_Full

Ant: Ant1
CENT: 3649.98 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single
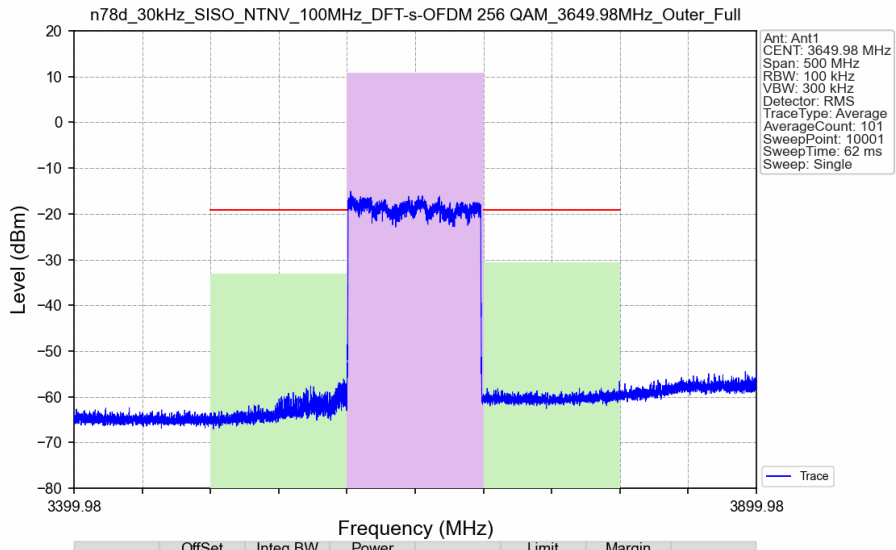
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	10.79	/	/	/	/
Adjacent	-100	100.00	-33.15	-43.94	-30	13.94	Pass
Adjacent	100	100.00	-30.62	-41.41	-30	11.41	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3600MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3600MHz_Outer_Full

Ant: Ant1
CENT: 3600 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single
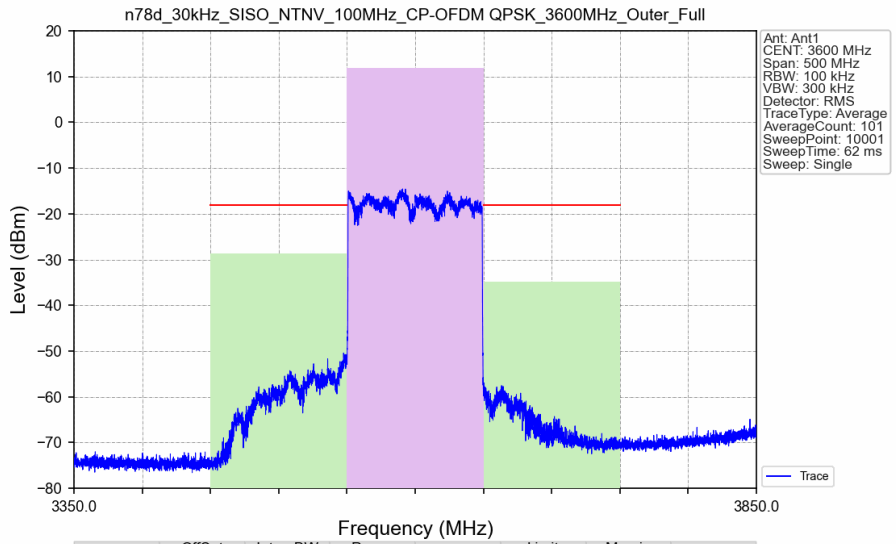
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	11.86	/	/	/	/
Adjacent	-100	100.00	-28.62	-40.48	-30	10.48	Pass
Adjacent	100	100.00	-34.87	-46.73	-30	16.73	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single
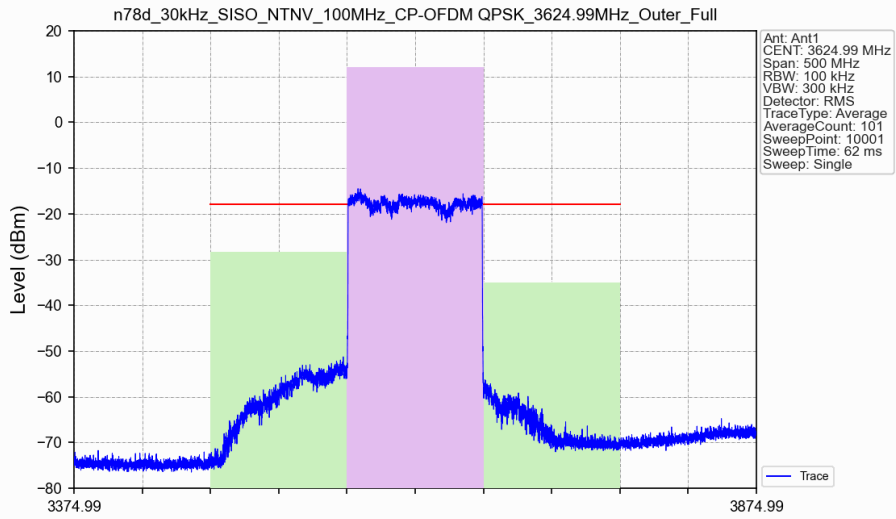
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	12.00	/	/	/	/
Adjacent	-100	100.00	-28.33	-40.33	-30	10.33	Pass
Adjacent	100	100.00	-35.03	-47.03	-30	17.03	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3649.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_3649.98MHz_Outer_Full

Ant: Ant1
CENT: 3649.98 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single
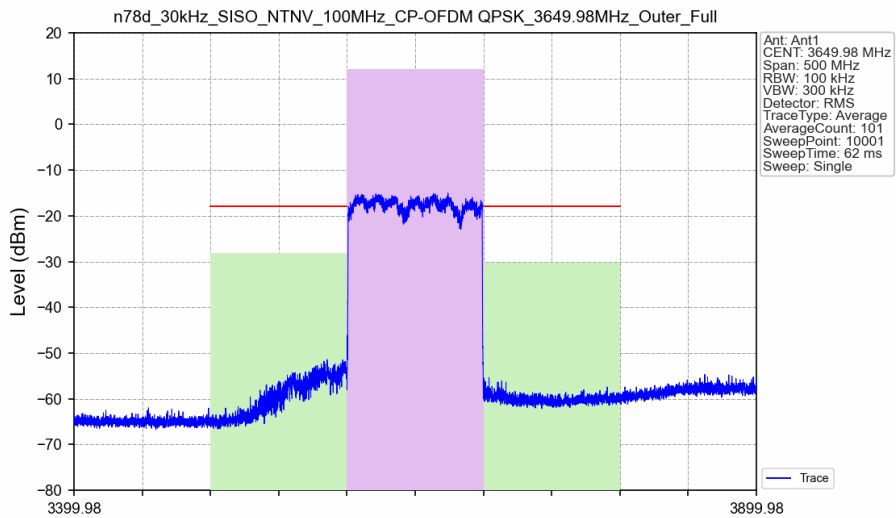
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	12.11	/	/	/	/
Adjacent	-100	100.00	-28.15	-40.26	-30	10.26	Pass
Adjacent	100	100.00	-30.30	-42.41	-30	12.41	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3600MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3600MHz_Outer_Full

Ant: Ant1
CENT: 3600 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Trace
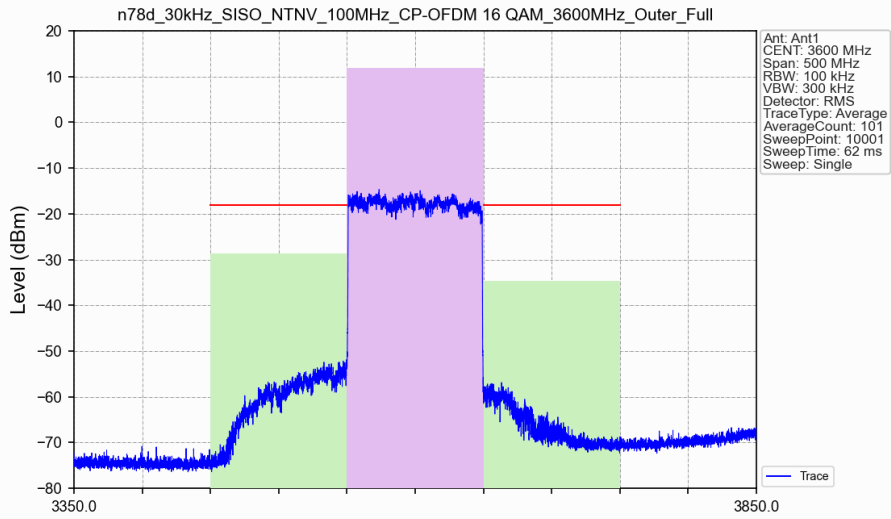
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	11.88	/	/	/	/
Adjacent	-100	100.00	-28.71	-40.59	-30	10.59	Pass
Adjacent	100	100.00	-34.71	-46.59	-30	16.59	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Trace
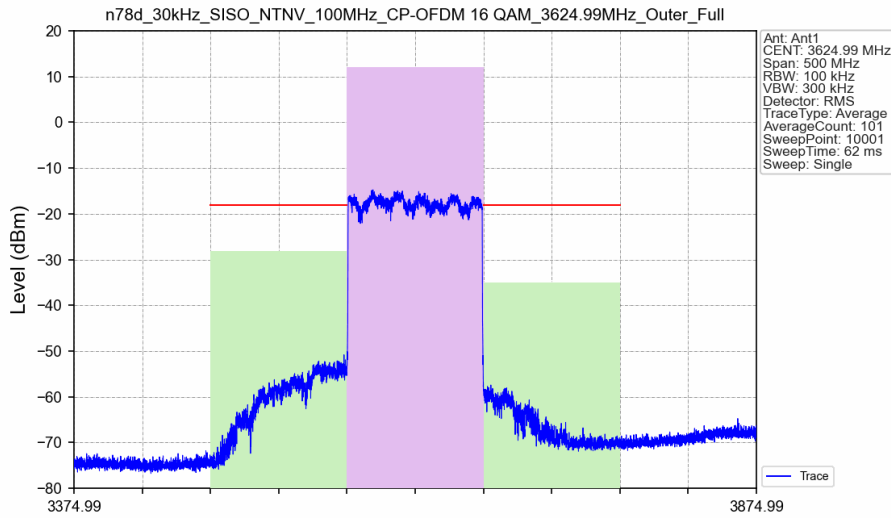
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	11.98	/	/	/	/
Adjacent	-100	100.00	-28.16	-40.14	-30	10.14	Pass
Adjacent	100	100.00	-34.96	-46.94	-30	16.94	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3649.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_3649.98MHz_Outer_Full

Ant: Ant1
CENT: 3649.98 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Level (dBm) vs Frequency (MHz)

— Trace
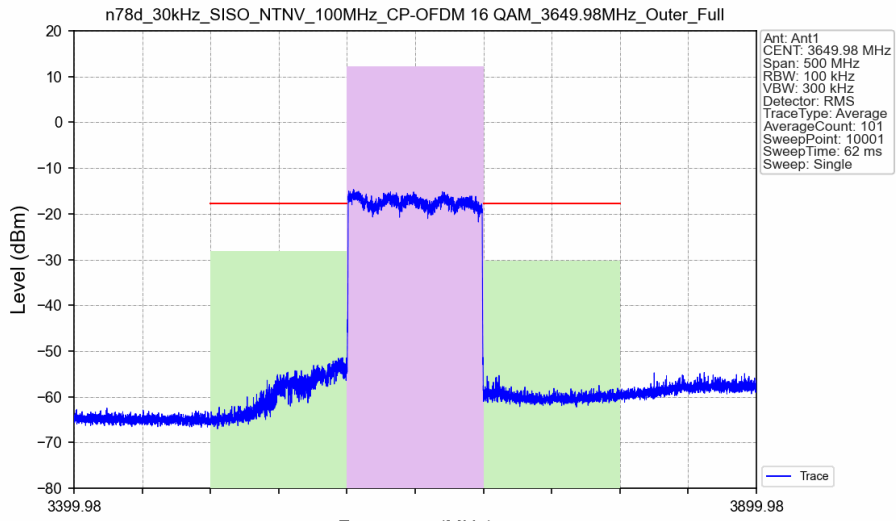
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	12.22	/	/	/	/
Adjacent	-100	100.00	-28.06	-40.28	-30	10.28	Pass
Adjacent	100	100.00	-30.31	-42.53	-30	12.53	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3600MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3600MHz_Outer_Full

Ant: Ant1
CENT: 3600 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Level (dBm) vs Frequency (MHz)

— Trace
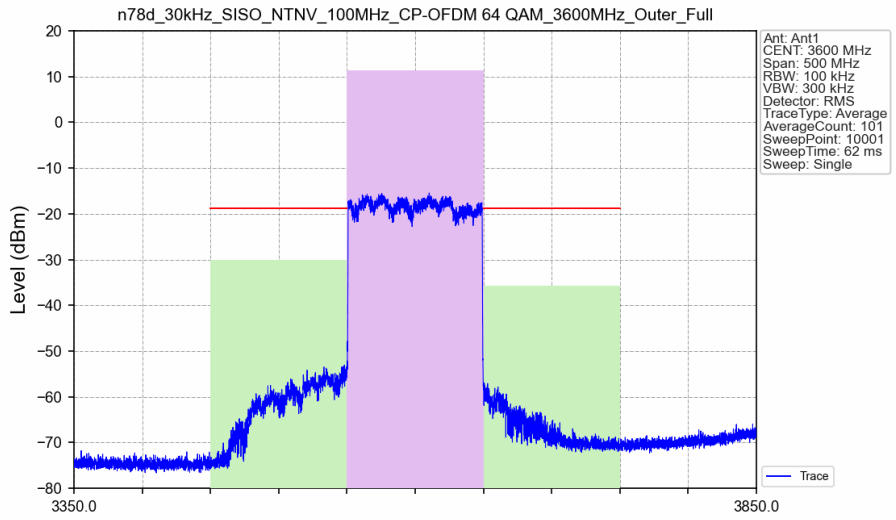
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	11.28	/	/	/	/
Adjacent	-100	100.00	-30.00	-41.28	-30	11.28	Pass
Adjacent	100	100.00	-35.77	-47.05	-30	17.05	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Trace
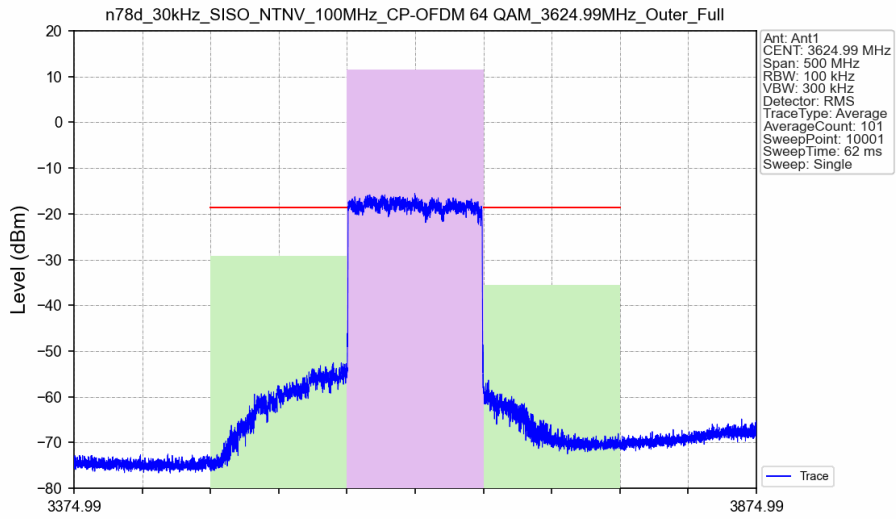
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	11.46	/	/	/	/
Adjacent	-100	100.00	-29.28	-40.74	-30	10.74	Pass
Adjacent	100	100.00	-35.61	-47.07	-30	17.07	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3649.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_3649.98MHz_Outer_Full

Ant: Ant1
CENT: 3649.98 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Trace
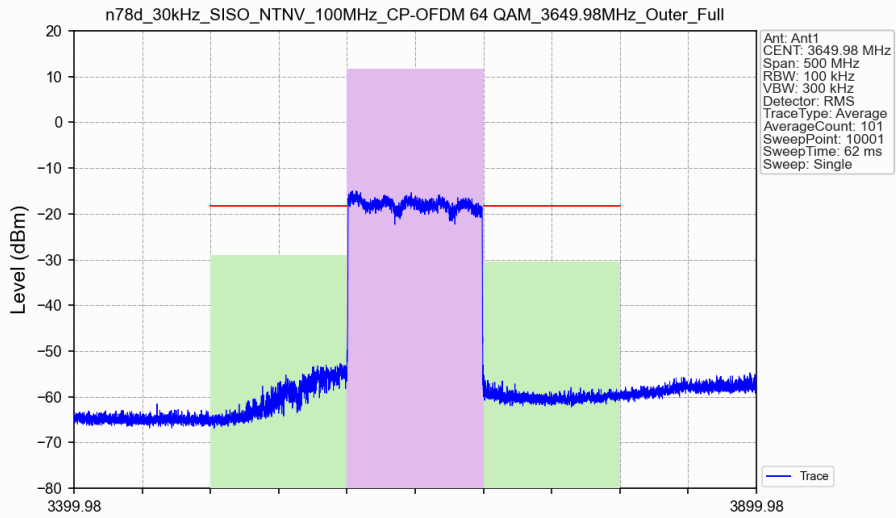
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	11.70	/	/	/	/
Adjacent	-100	100.00	-29.08	-40.78	-30	10.78	Pass
Adjacent	100	100.00	-30.39	-42.09	-30	12.09	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3600MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3600MHz_Outer_Full

Ant: Ant1
CENT: 3600 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Trace
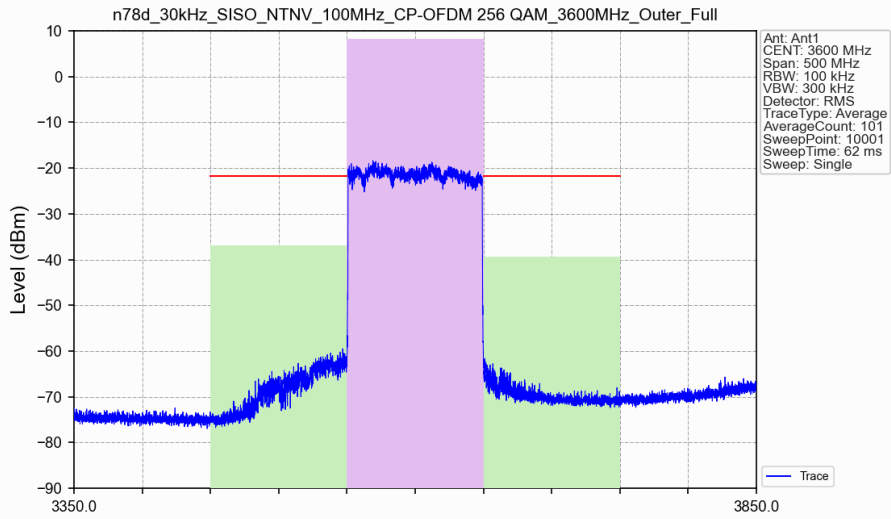
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	8.28	/	/	/	/
Adjacent	-100	100.00	-36.98	-45.26	-30	15.26	Pass
Adjacent	100	100.00	-39.47	-47.75	-30	17.75	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Trace
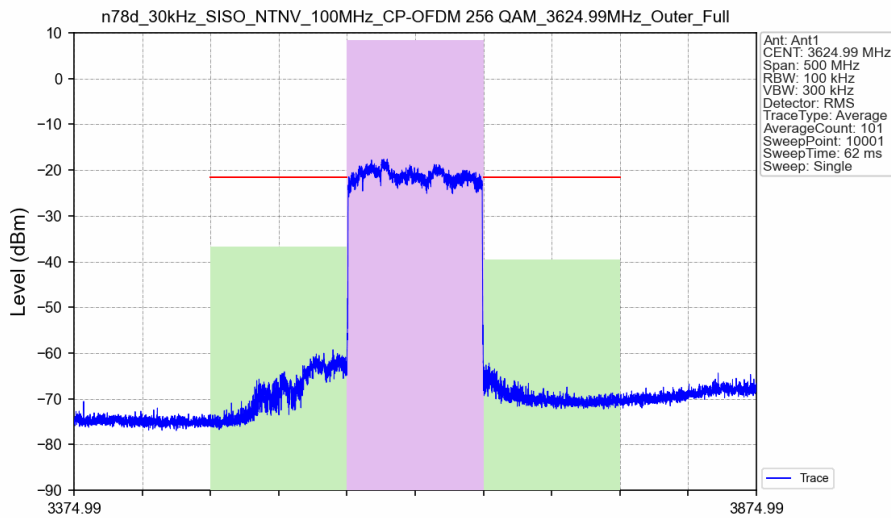
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	8.48	/	/	/	/
Adjacent	-100	100.00	-36.68	-45.16	-30	15.16	Pass
Adjacent	100	100.00	-39.62	-48.10	-30	18.10	Pass

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3649.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_3649.98MHz_Outer_Full

Ant: Ant1
CENT: 3649.98 MHz
Span: 500 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 10001
SweepTime: 62 ms
Sweep: Single

Level (dBm) axis: 10, 0, −10, −20, −30, −40, −50, −60, −70, −80, −90

Frequency (MHz) axis: 3399.98 to 3899.98

Trace
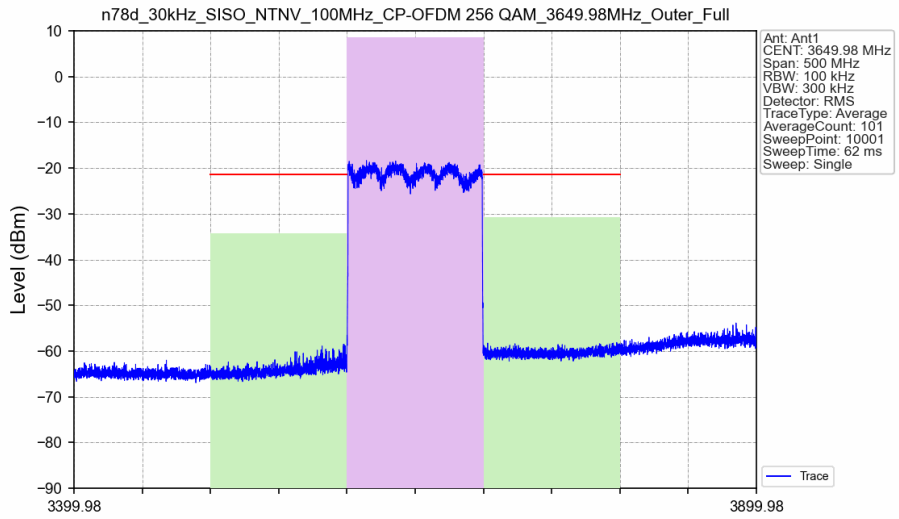
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	100.00	8.53	/	/	/	/
Adjacent	-100	100.00	-34.25	-42.78	-30	12.78	Pass
Adjacent	100	100.00	-30.67	-39.20	-30	9.20	Pass