n78d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3570MHz_Outer_Full
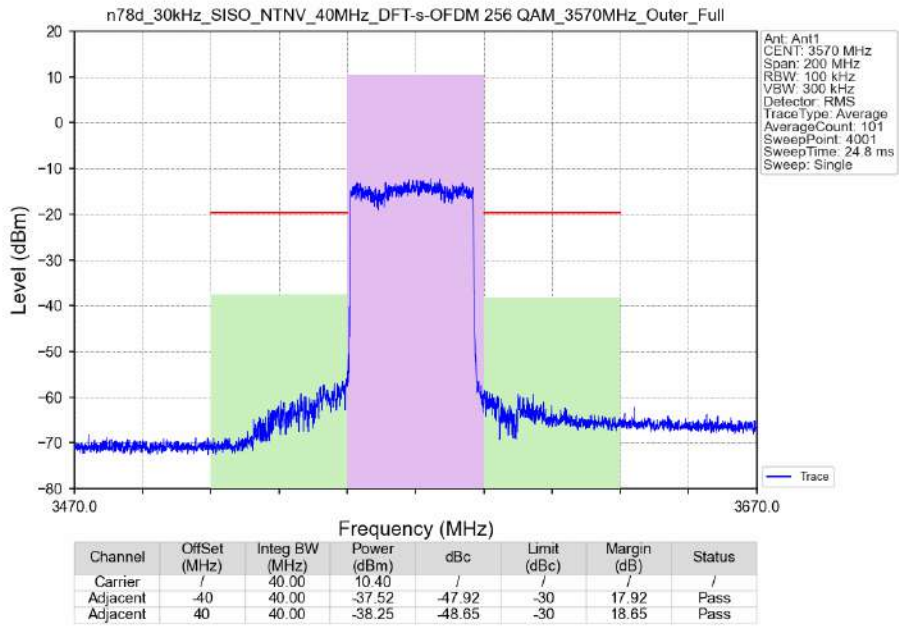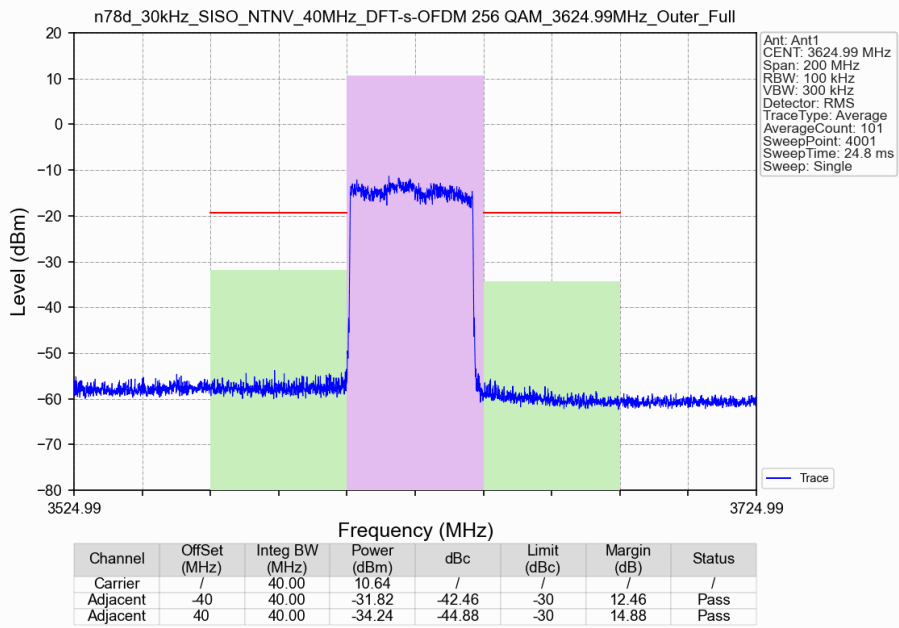
n78d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3570MHz_Outer_Full

Ant: Ant1
CENT: 3570 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	10.40	/	/	/	/
Adjacent	-40	40.00	-37.52	-47.92	-30	17.92	Pass
Adjacent	40	40.00	-38.25	-48.65	-30	18.65	Pass

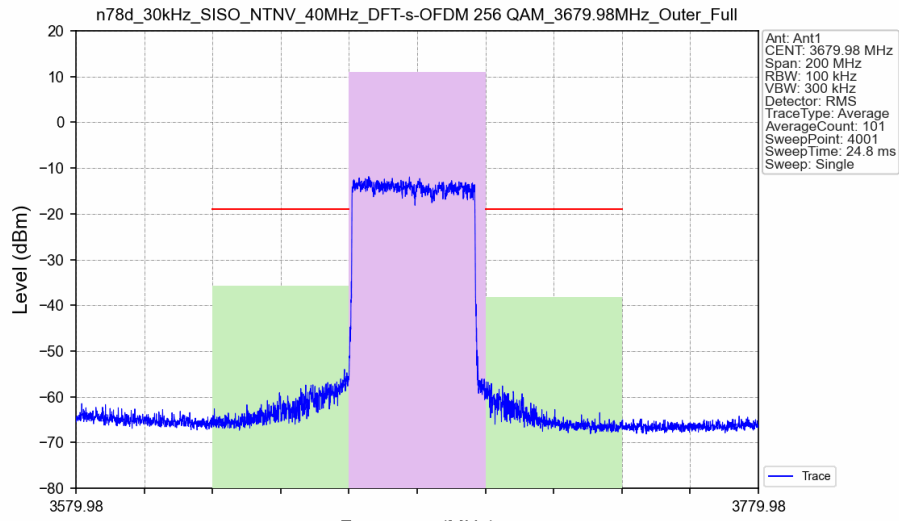## n78d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	10.64	/	/	/	/
Adjacent	-40	40.00	-31.82	-42.46	-30	12.46	Pass
Adjacent	40	40.00	-34.24	-44.88	-30	14.88	Pass

n78d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3679.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_3679.98MHz_Outer_Full

Ant: Ant1
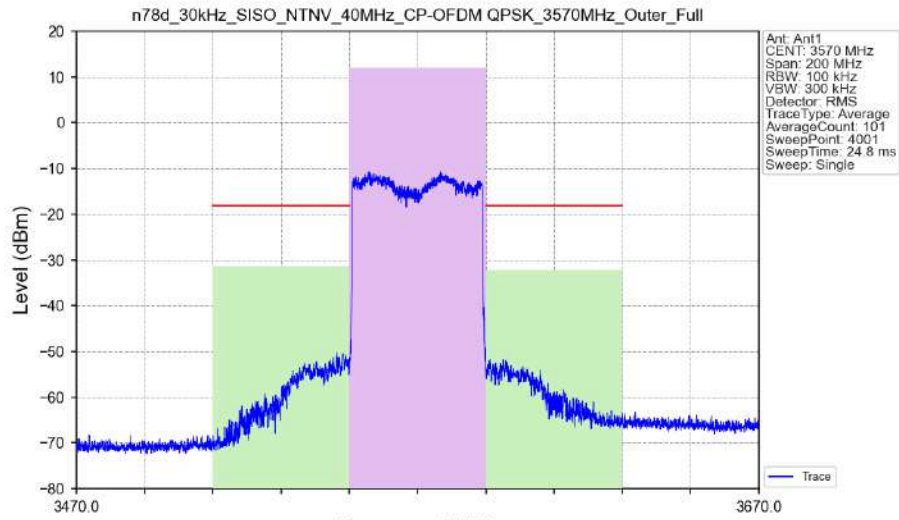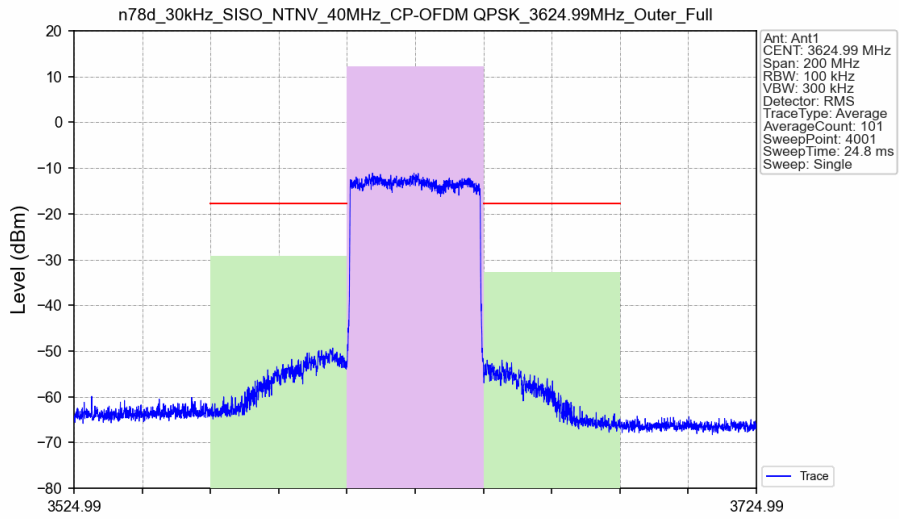CENT: 3679.98 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	11.07	/	/	/	/
Adjacent	-40	40.00	-35.78	-46.85	-30	16.85	Pass
Adjacent	40	40.00	-38.18	-49.25	-30	19.25	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3570MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3570MHz_Outer_Full

Ant: Ant1
CENT: 3570 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	11.99	/	/	/	/
Adjacent	-40	40.00	-31.30	-43.29	-30	13.29	Pass
Adjacent	40	40.00	-32.12	-44.11	-30	14.11	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	12.22	/	/	/	/
Adjacent	-40	40.00	-29.14	-41.36	-30	11.36	Pass
Adjacent	40	40.00	-32.69	-44.91	-30	14.91	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3679.98MHz_Outer_Full

Ant: Ant1
CENT: 3679.98 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single
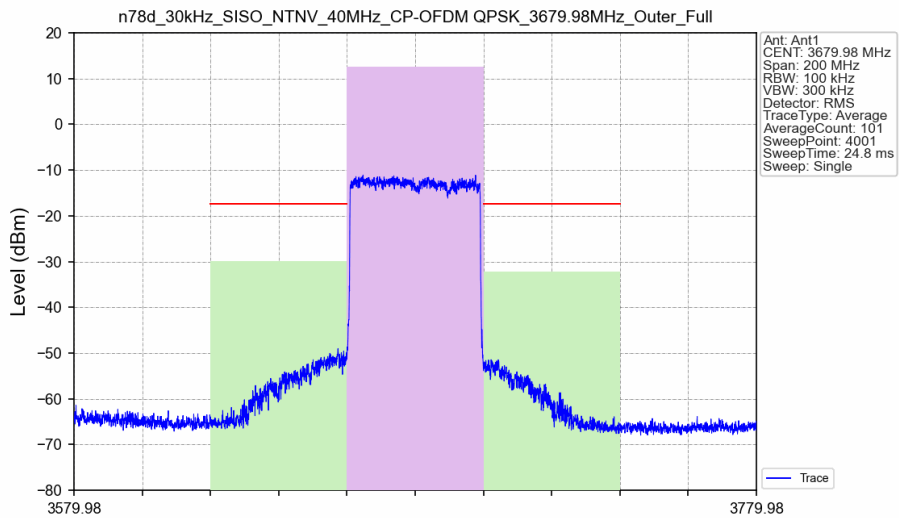
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	12.57	/	/	/	/
Adjacent	-40	40.00	-29.87	-42.44	-30	12.44	Pass
Adjacent	40	40.00	-32.28	-44.85	-30	14.85	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3570MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3570MHz_Outer_Full

Ant: Ant1
CENT: 3570 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single
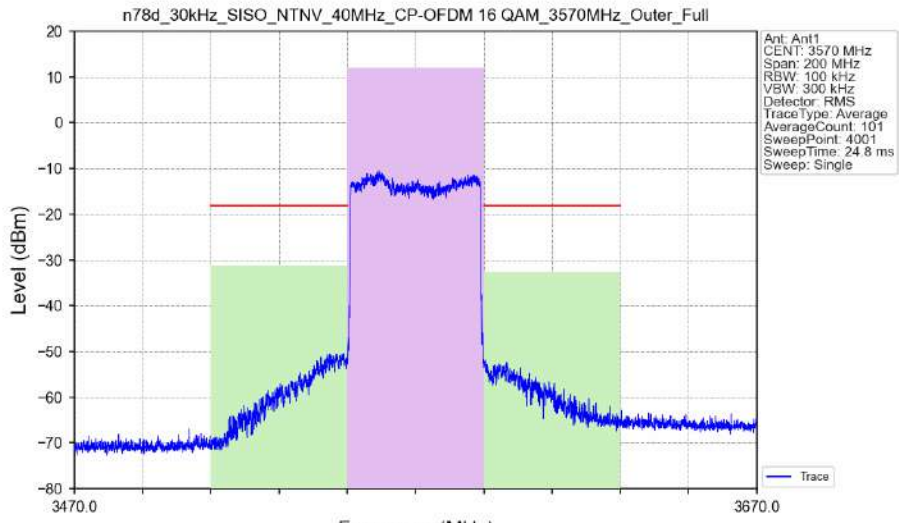
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	11.98	/	/	/	/
Adjacent	-40	40.00	-31.16	-43.14	-30	13.14	Pass
Adjacent	40	40.00	-32.48	-44.46	-30	14.46	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single
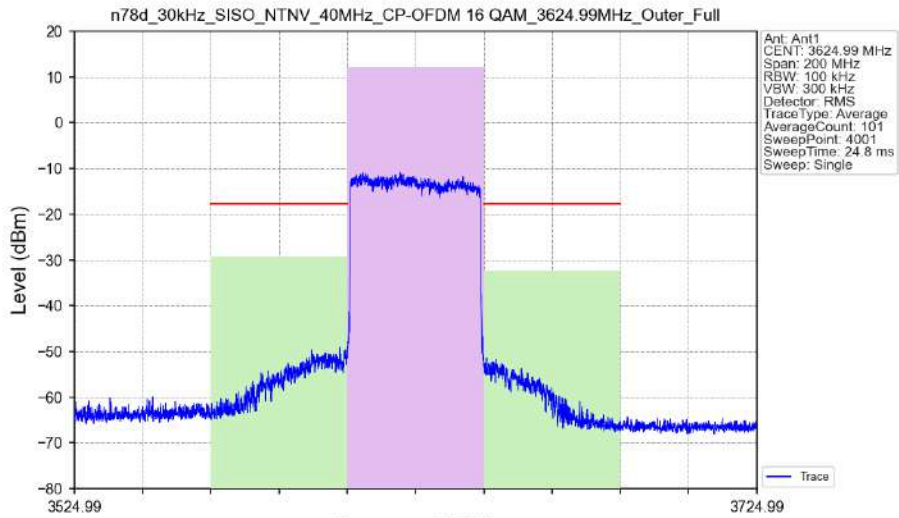
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	12.26	/	/	/	/
Adjacent	-40	40.00	-29.28	-41.54	-30	11.54	Pass
Adjacent	40	40.00	-32.46	-44.72	-30	14.72	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3679.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_3679.98MHz_Outer_Full

Ant: Ant1
CENT: 3679.98 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single
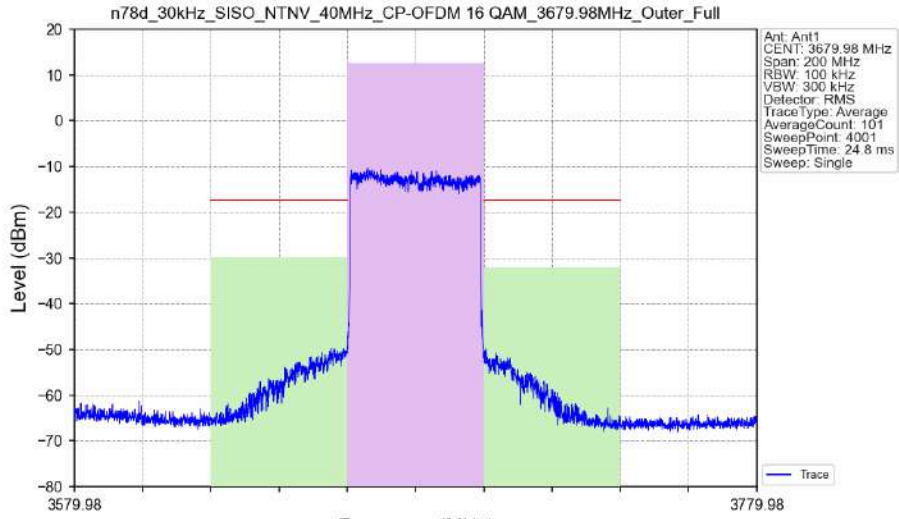
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	12.59	/	/	/	/
Adjacent	-40	40.00	-29.96	-42.55	-30	12.55	Pass
Adjacent	40	40.00	-32.00	-44.59	-30	14.59	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3570MHz_Outer_Full

Ant: Ant1
CENT: 3570 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single
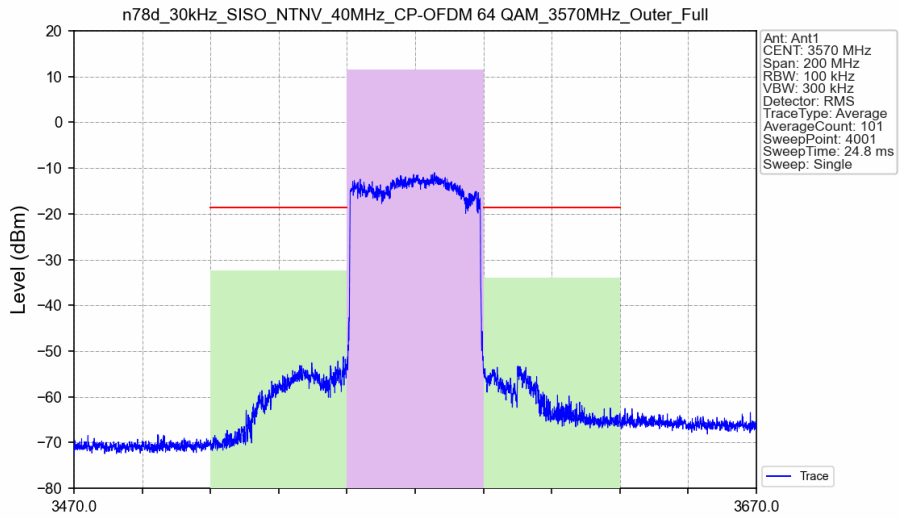
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	11.46	/	/	/	/
Adjacent	-40	40.00	-32.41	-43.87	-30	13.87	Pass
Adjacent	40	40.00	-33.89	-45.35	-30	15.35	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single
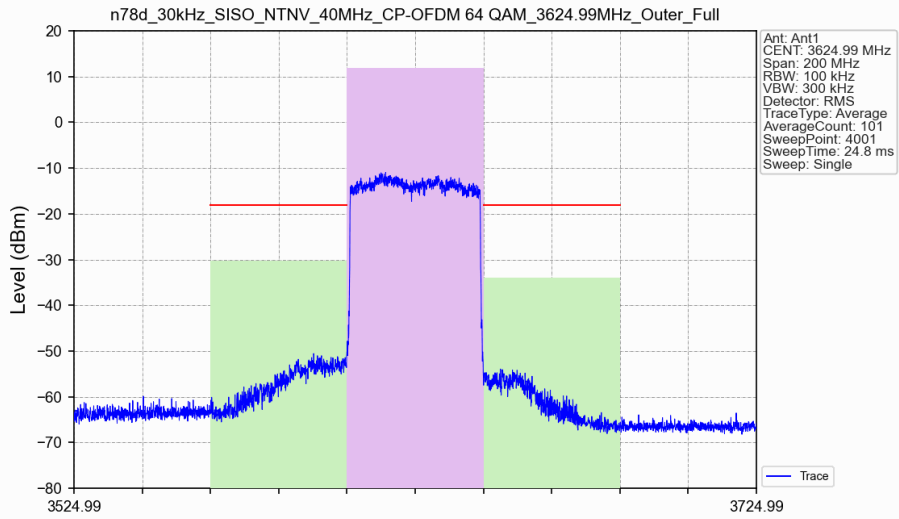
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	11.82	/	/	/	/
Adjacent	-40	40.00	-30.19	-42.01	-30	12.01	Pass
Adjacent	40	40.00	-33.93	-45.75	-30	15.75	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3679.98MHz_Outer_Full

Ant: Ant1
CENT: 3679.98 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single
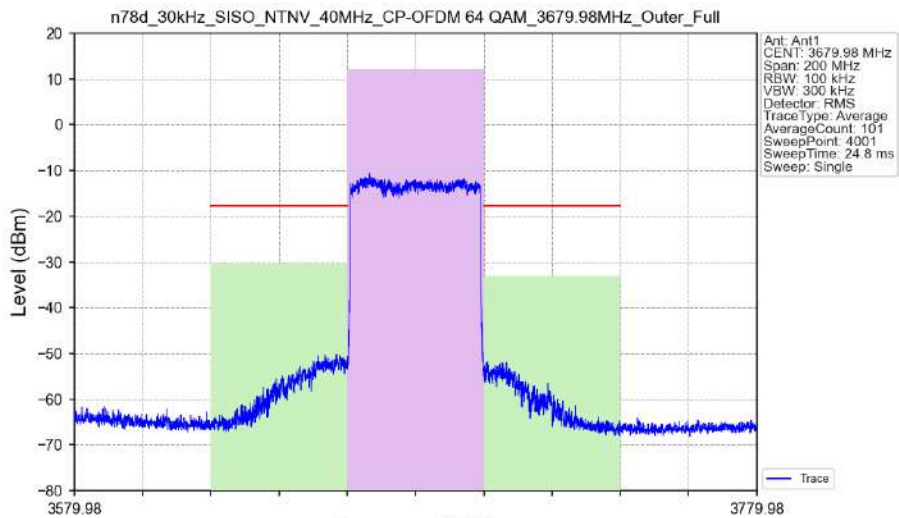
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	12.18	/	/	/	/
Adjacent	-40	40.00	-30.47	-42.65	-30	12.65	Pass
Adjacent	40	40.00	-33.07	-45.25	-30	15.25	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3570MHz_Outer_Full

Ant: Ant1
CENT: 3570 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	8.45		/	/	/
Adjacent	-40	40.00	-39.60	-48.05	-30	18.05	Pass
Adjacent	40	40.00	-38.67	-47.12	-30	17.12	Pass

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	8.54		/	/	/
Adjacent	-40	40.00	-35.50	-44.04	-30	14.04	Pass
Adjacent	40	40.00	-38.93	-47.47	-30	17.47	Pass

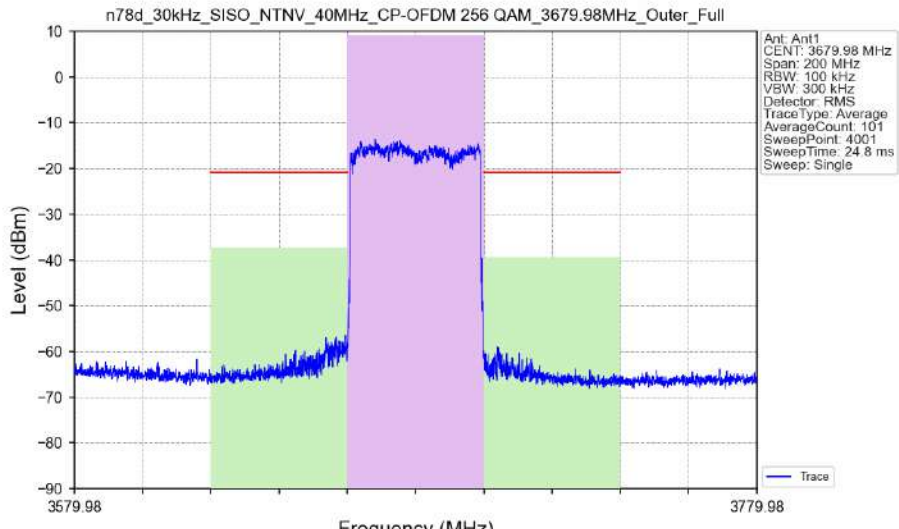| n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Outer_Full |
|---|

n78d_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3679.98MHz_Outer_Full

Ant: Ant1
CENT: 3679.98 MHz
Span: 200 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 4001
SweepTime: 24.8 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	40.00	9.10	/	/	/	/
Adjacent	-40	40.00	-37.28	-46.38	-30	16.38	Pass
Adjacent	40	40.00	-39.31	-48.41	-30	18.41	Pass

6.4 30k_SISO_50MHz_NTNV

6.4.1 Test Result

Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
DFT-s-OFDM PI/2 BPSK	3575.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3675	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM QPSK	3575.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3675	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 16 QAM	3575.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3675	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 64 QAM	3575.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3675	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 256 QAM	3575.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3675	Outer_Full	Refer To Test Graph		Pass
CP-OFDM QPSK	3575.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3675	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 16 QAM	3575.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3675	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 64 QAM	3575.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3675	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 256 QAM	3575.01	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3675	Outer_Full	Refer To Test Graph		Pass

Table title: 5G NR n78d SCS=30kHz SISO 50MHz NTNV

6.4.2 Test Graph

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3575.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3575.01MHz_Outer_Full

Ant: Ant1
CENT: 3575.01 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	14.43	/	/	/	/
Adjacent	-50	50.00	-30.01	-44.44	-30	14.44	Pass
Adjacent	50	50.00	-32.73	-47.16	-30	17.16	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

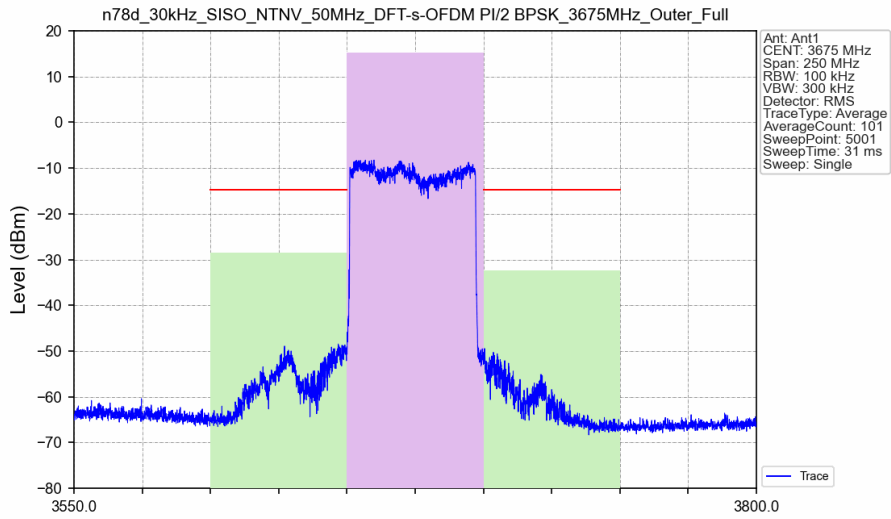| Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	14.59	/	/	/	/
Adjacent	-50	50.00	-29.19	-43.78	-30	13.78	Pass
Adjacent	50	50.00	-33.28	-47.87	-30	17.87	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3675MHz_Outer_Full

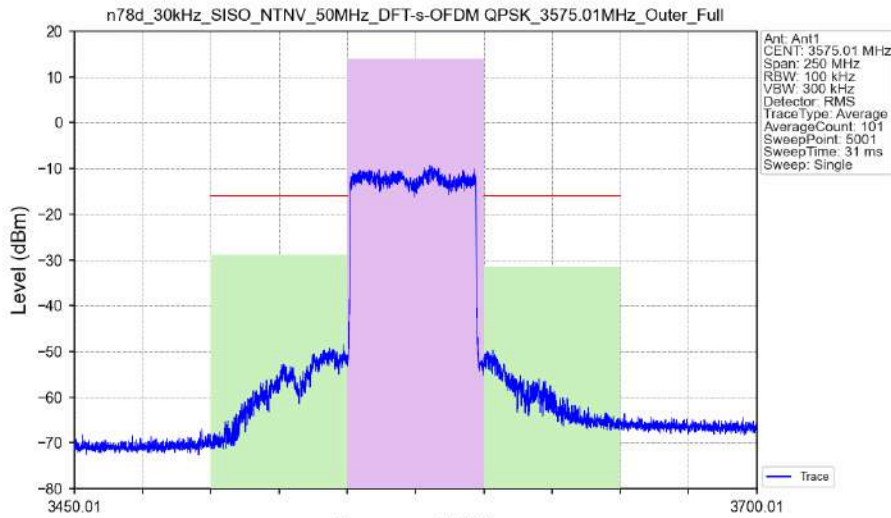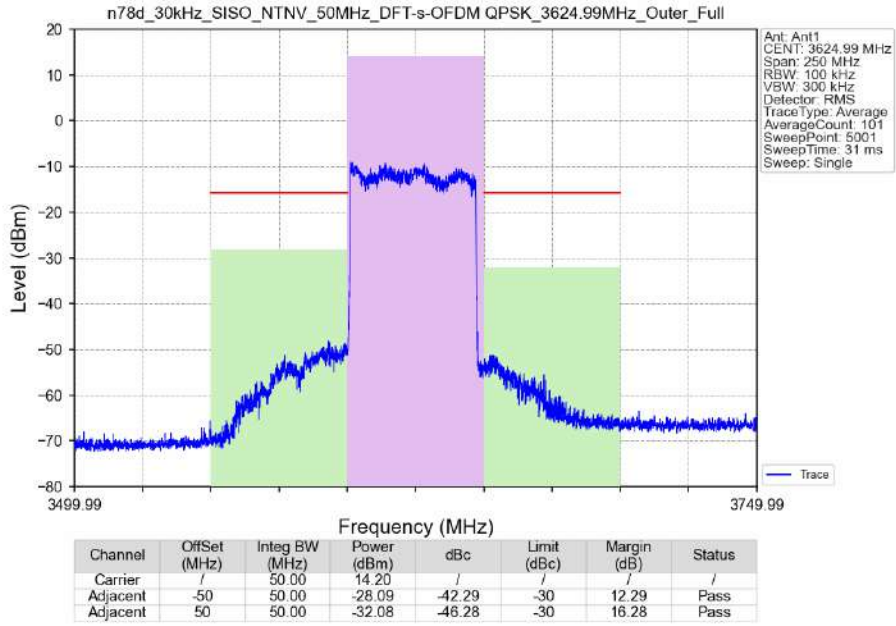n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_3675MHz_Outer_Full

Ant: Ant1
CENT: 3675 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

— Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	15.26	/	/	/	/
Adjacent	-50	50.00	-28.50	-43.76	-30	13.76	Pass
Adjacent	50	50.00	-32.31	-47.57	-30	17.57	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3575.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3575.01MHz_Outer_Full

Ant: Ant1
CENT: 3575.01 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

— Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	14.04	/	/	/	/
Adjacent	-50	50.00	-28.90	-42.94	-30	12.94	Pass
Adjacent	50	50.00	-31.46	-45.50	-30	15.50	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	14.20	/	/	/	/
Adjacent	-50	50.00	-28.09	-42.29	-30	12.29	Pass
Adjacent	50	50.00	-32.08	-46.28	-30	16.28	Pass

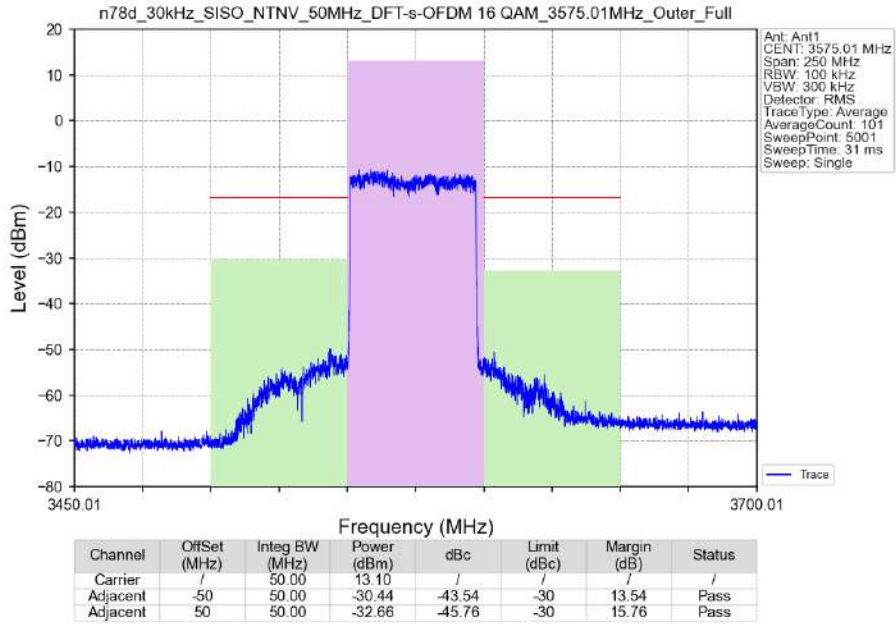## n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3675MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_3675MHz_Outer_Full

Ant: Ant1
CENT: 3675 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

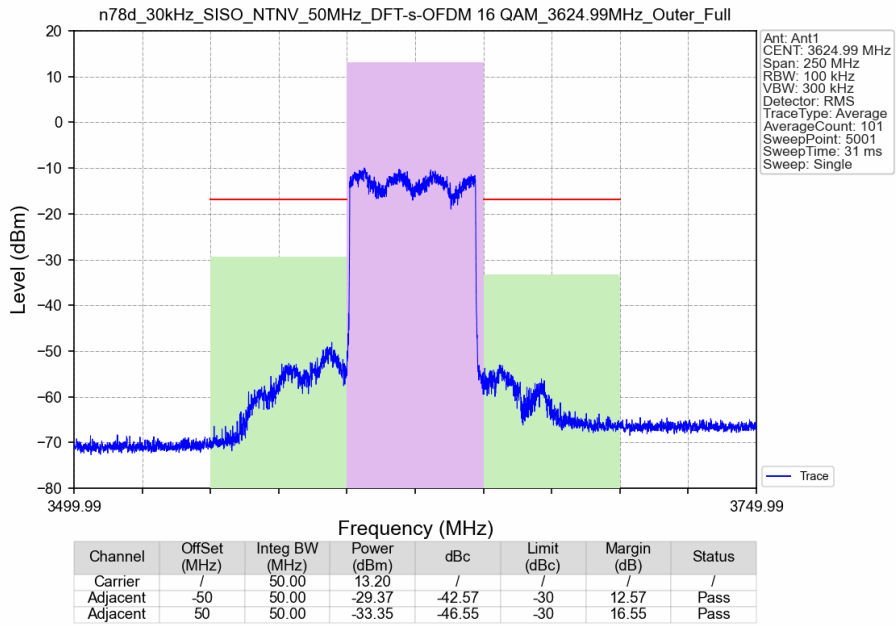| Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	14.89	/	/	/	/
Adjacent	-50	50.00	-28.05	-42.94	-30	12.94	Pass
Adjacent	50	50.00	-31.29	-46.18	-30	16.18	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3575.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3575.01MHz_Outer_Full

Ant: Ant1
CENT: 3575.01 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

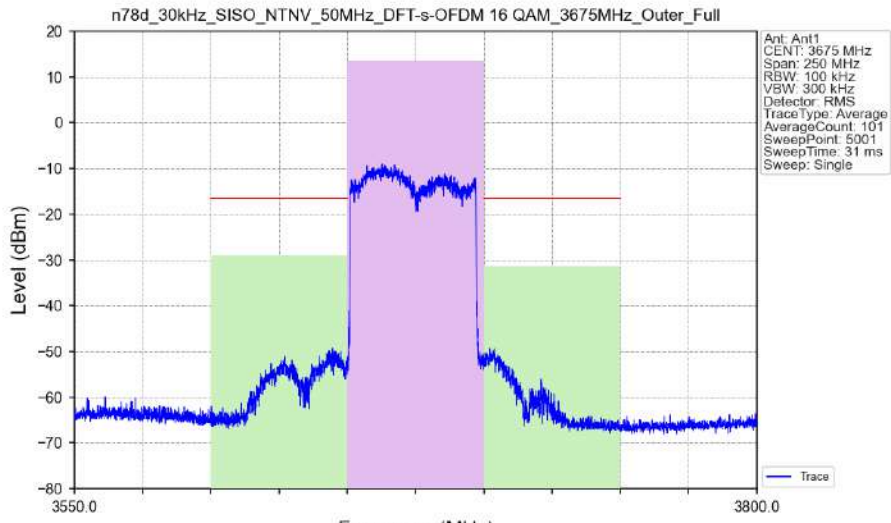| Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	13.10	/	/	/	/
Adjacent	-50	50.00	-30.44	-43.54	-30	13.54	Pass
Adjacent	50	50.00	-32.66	-45.76	-30	15.76	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	13.20	/	/	/	/
Adjacent	-50	50.00	-29.37	-42.57	-30	12.57	Pass
Adjacent	50	50.00	-33.35	-46.55	-30	16.55	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3675MHz_Outer_Full

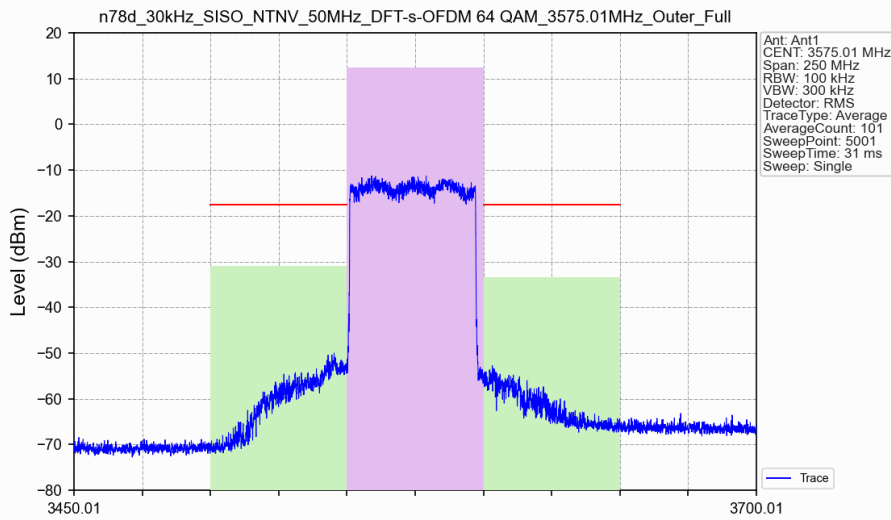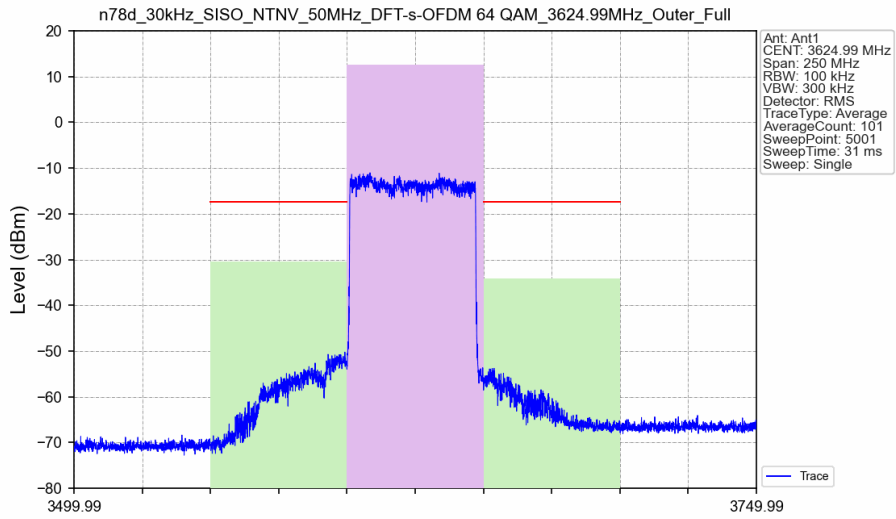n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_3675MHz_Outer_Full

Ant: Ant1
CENT: 3675 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	13.52	/	/	/	/
Adjacent	-50	50.00	-29.00	-42.52	-30	12.52	Pass
Adjacent	50	50.00	-31.28	-44.80	-30	14.80	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3575.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3575.01MHz_Outer_Full

Ant: Ant1
CENT: 3575.01 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	12.42	/	/	/	/
Adjacent	-50	50.00	-30.98	-43.40	-30	13.40	Pass
Adjacent	50	50.00	-33.46	-45.88	-30	15.88	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	12.60	/	/	/	/
Adjacent	-50	50.00	-30.42	-43.02	-30	13.02	Pass
Adjacent	50	50.00	-34.20	-46.80	-30	16.80	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3675MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_3675MHz_Outer_Full

Ant: Ant1
CENT: 3675 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single
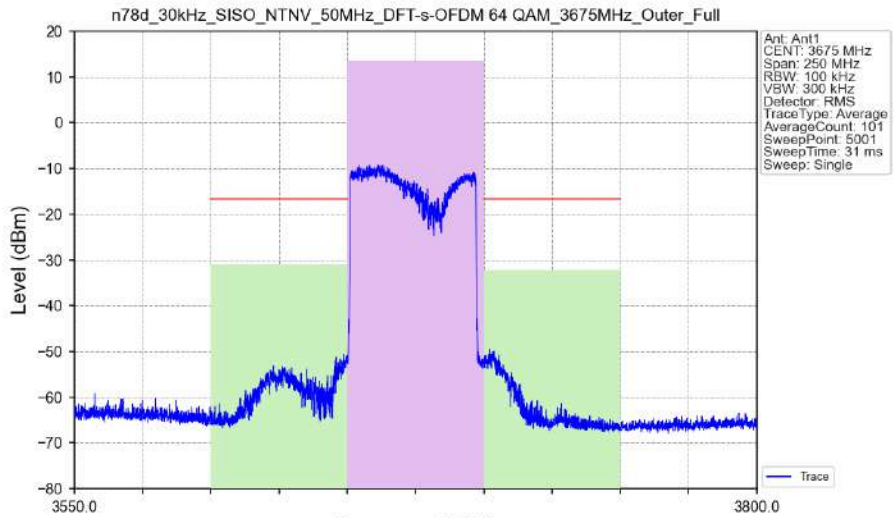
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	13.40	/	/	/	/
Adjacent	-50	50.00	-30.93	-44.33	-30	14.33	Pass
Adjacent	50	50.00	-32.19	-45.59	-30	15.59	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3575.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3575.01MHz_Outer_Full

Ant: Ant1
CENT: 3575.01 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single
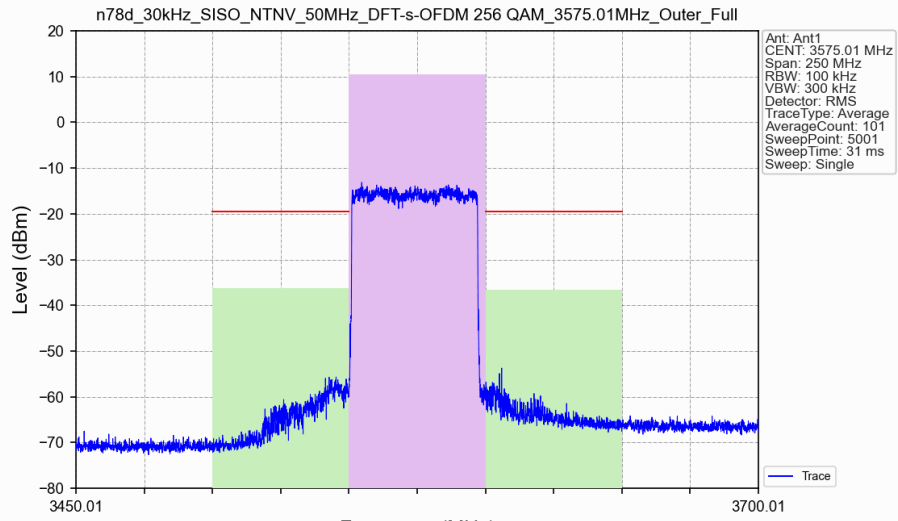
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	10.54	/	/	/	/
Adjacent	-50	50.00	-36.28	-46.82	-30	16.82	Pass
Adjacent	50	50.00	-36.64	-47.18	-30	17.18	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single
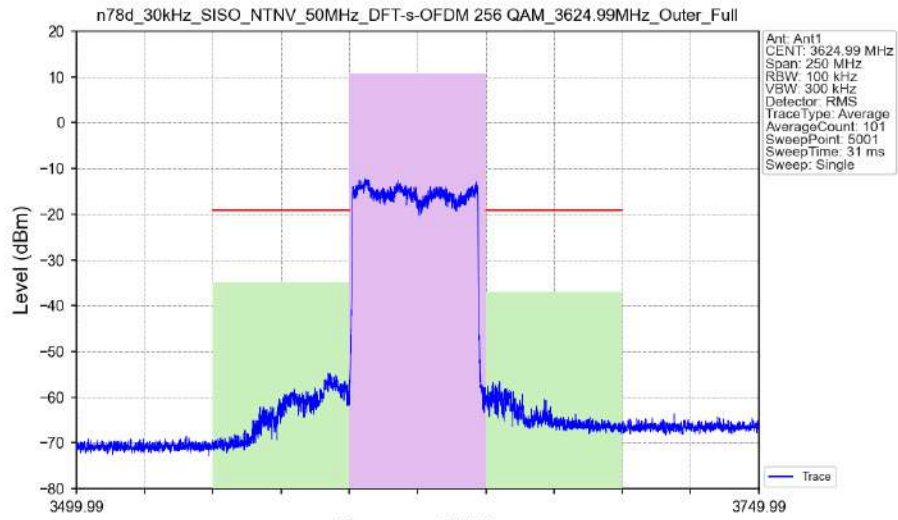
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	10.85	/	/	/	/
Adjacent	-50	50.00	-34.83	-45.68	-30	15.68	Pass
Adjacent	50	50.00	-37.03	-47.88	-30	17.88	Pass

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3675MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_3675MHz_Outer_Full

Ant: Ant1
CENT: 3675 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single
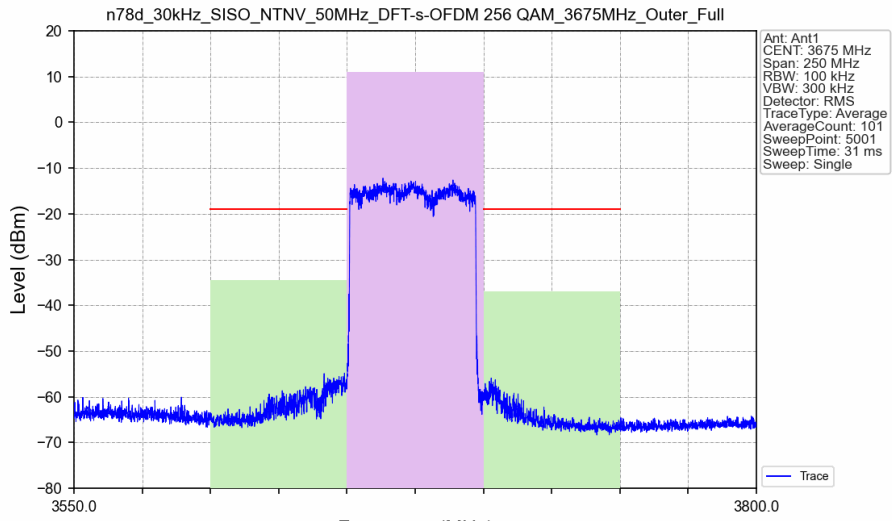
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	10.96	/	/	/	/
Adjacent	-50	50.00	-34.48	-45.44	-30	15.44	Pass
Adjacent	50	50.00	-37.00	-47.96	-30	17.96	Pass

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3575.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3575.01MHz_Outer_Full

Ant: Ant1
CENT: 3575.01 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single
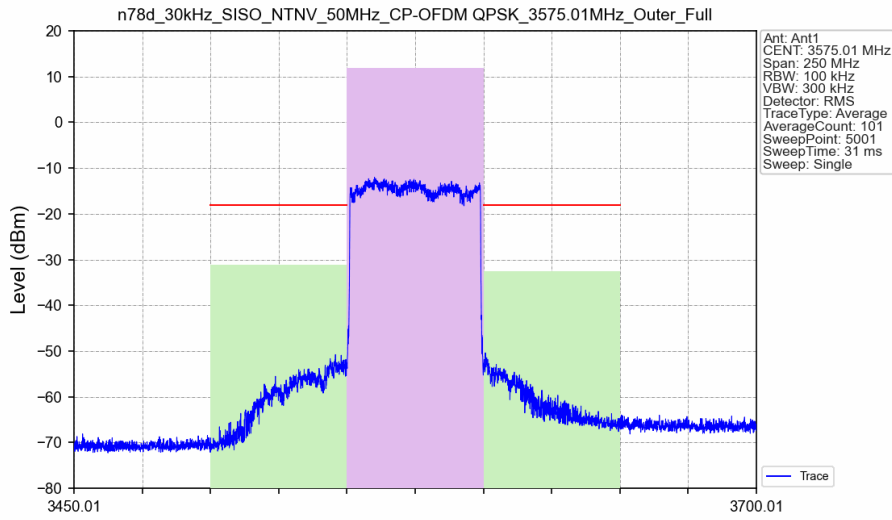
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	11.96	/	/	/	/
Adjacent	-50	50.00	-31.09	-43.05	-30	13.05	Pass
Adjacent	50	50.00	-32.55	-44.51	-30	14.51	Pass

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single
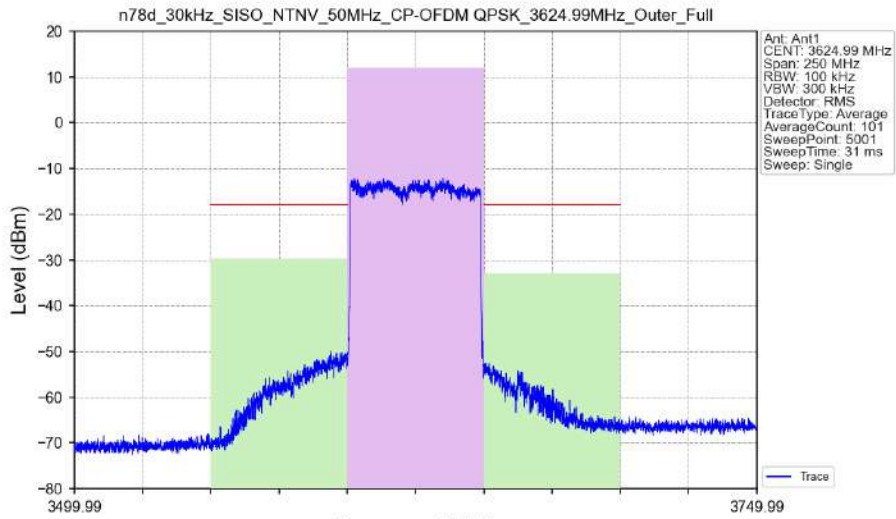
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	12.08	/	/	/	/
Adjacent	-50	50.00	-29.71	-41.79	-30	11.79	Pass
Adjacent	50	50.00	-32.90	-44.98	-30	14.98	Pass

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3675MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_3675MHz_Outer_Full

Ant: Ant1
CENT: 3675 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single
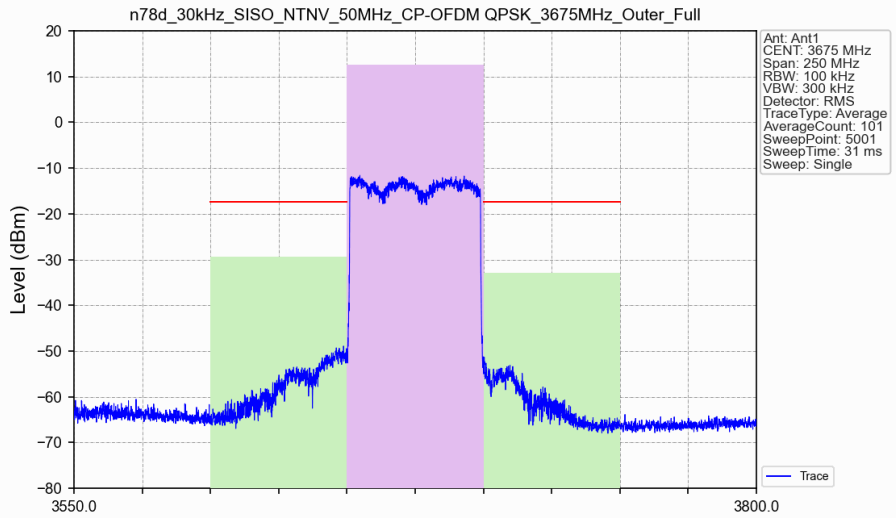
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	12.55	/	/	/	/
Adjacent	-50	50.00	-29.33	-41.88	-30	11.88	Pass
Adjacent	50	50.00	-32.93	-45.48	-30	15.48	Pass

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3575.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3575.01MHz_Outer_Full

Ant: Ant1
CENT: 3575.01 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single
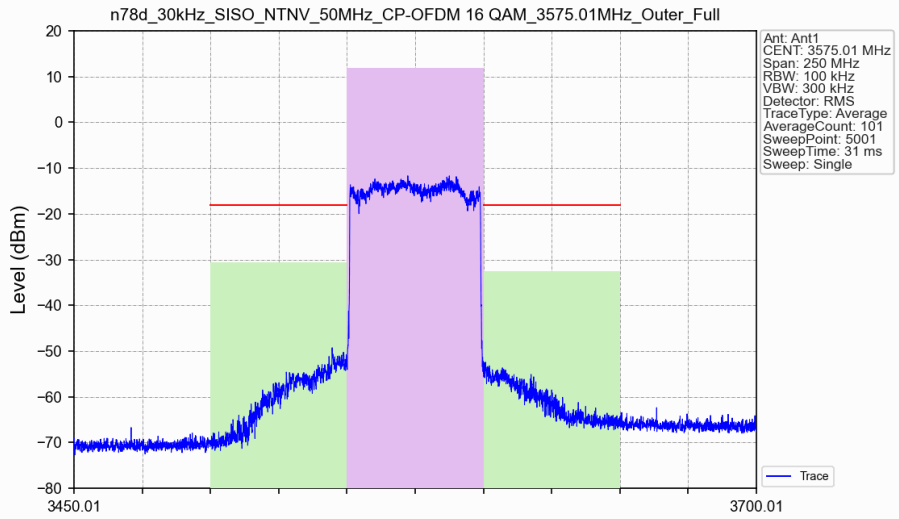
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	11.82	/	/	/	/
Adjacent	-50	50.00	-30.64	-42.46	-30	12.46	Pass
Adjacent	50	50.00	-32.62	-44.44	-30	14.44	Pass

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single
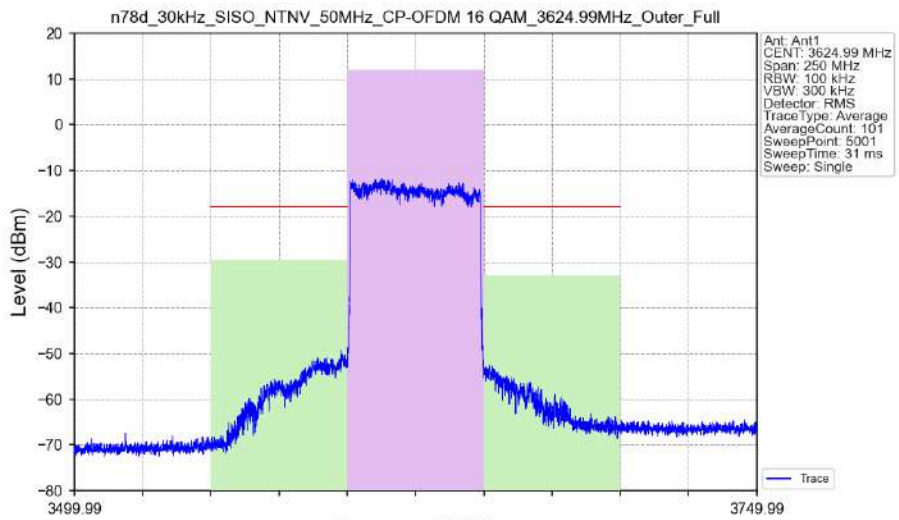
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	12.07	/	/	/	/
Adjacent	-50	50.00	-29.64	-41.71	-30	11.71	Pass
Adjacent	50	50.00	-32.96	-45.03	-30	15.03	Pass

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3675MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_3675MHz_Outer_Full

Ant: Ant1
CENT: 3675 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	12.35	/	/	/	
Adjacent	-50	50.00	-28.74	-41.09	-30	11.09	Pass
Adjacent	50	50.00	-33.41	-45.76	-30	15.76	Pass

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3575.01MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3575.01MHz_Outer_Full

Ant: Ant1
CENT: 3575.01 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	11.64	/	/	/	
Adjacent	-50	50.00	-31.79	-43.43	-30	13.43	Pass
Adjacent	50	50.00	-33.76	-45.40	-30	15.40	Pass

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	11.68	/	/	/	/
Adjacent	-50	50.00	-30.89	-42.57	-30	12.57	Pass
Adjacent	50	50.00	-33.94	-45.62	-30	15.62	Pass

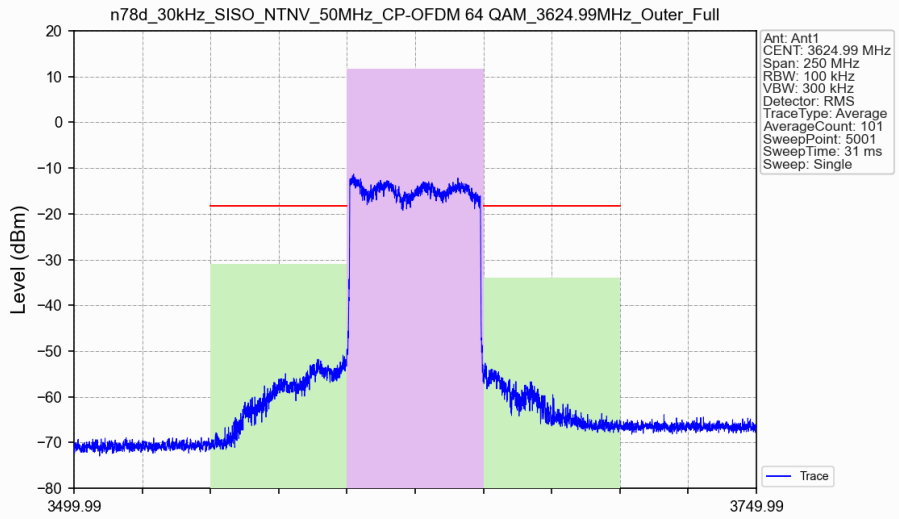## n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3675MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_3675MHz_Outer_Full

Ant: Ant1
CENT: 3675 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	11.89	/	/	/	/
Adjacent	-50	50.00	-29.77	-41.66	-30	11.66	Pass
Adjacent	50	50.00	-34.34	-46.23	-30	16.23	Pass

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3575.01MHz_Outer_Full

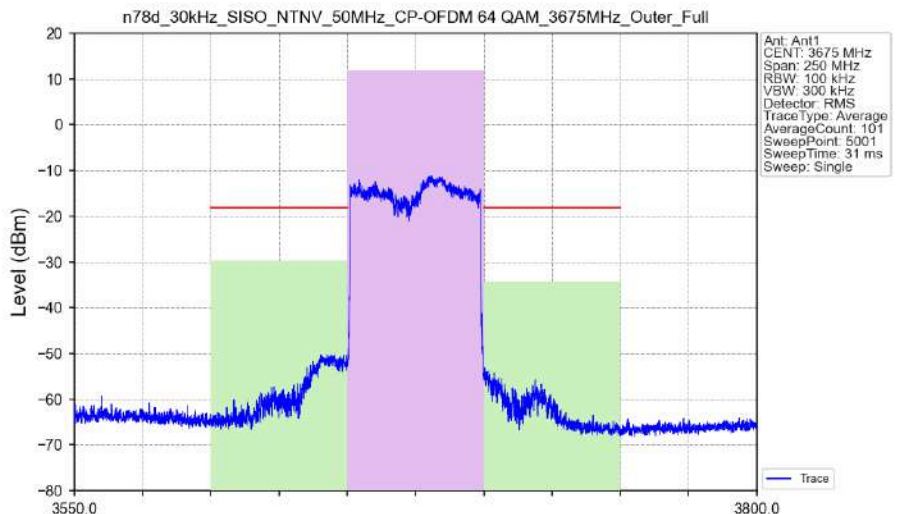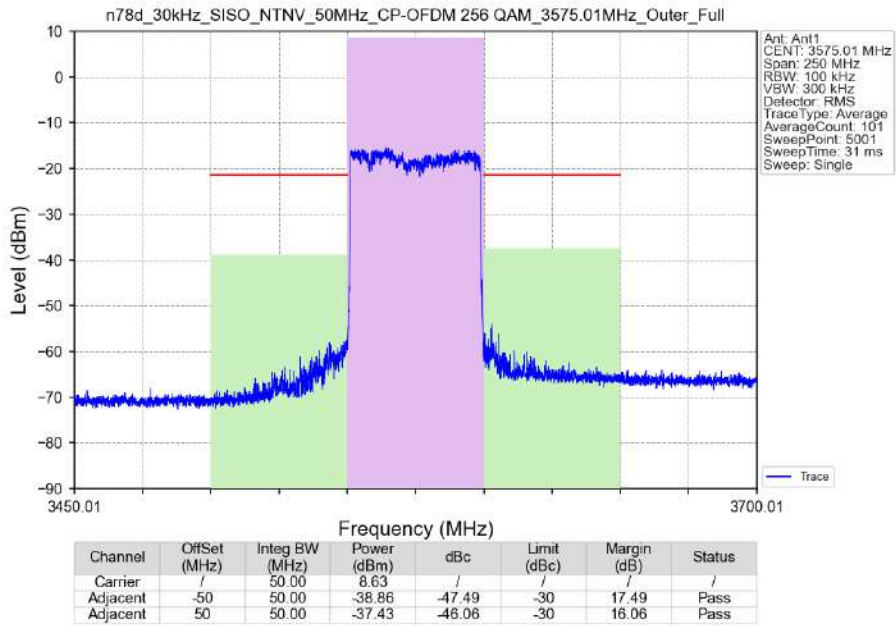n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3575.01MHz_Outer_Full

Ant: Ant1
CENT: 3575.01 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	8.63	/	/	/	
Adjacent	-50	50.00	-38.86	-47.49	-30	17.49	Pass
Adjacent	50	50.00	-37.43	-46.06	-30	16.06	Pass

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	8.63	/	/	/	
Adjacent	-50	50.00	-37.98	-46.61	-30	16.61	Pass
Adjacent	50	50.00	-38.58	-47.21	-30	17.21	Pass

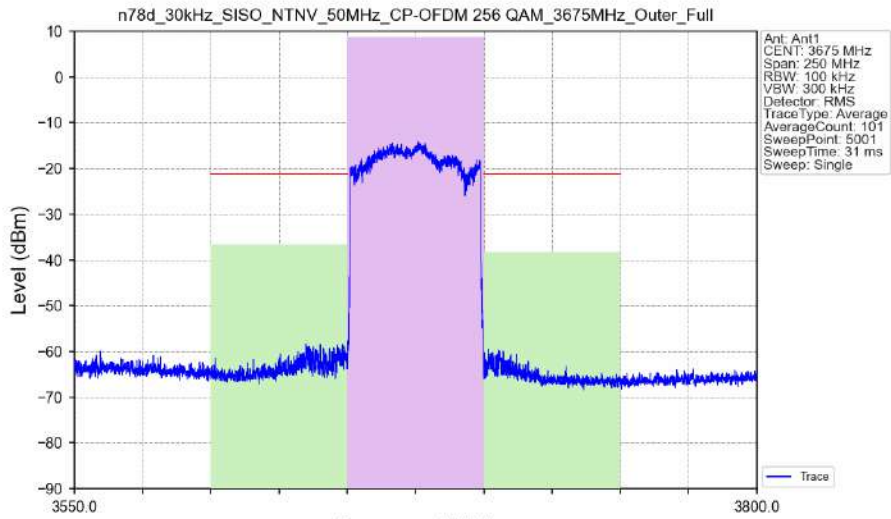## n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3675MHz_Outer_Full

n78d_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_3675MHz_Outer_Full

Ant: Ant1
CENT: 3675 MHz
Span: 250 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 5001
SweepTime: 31 ms
Sweep: Single

— Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	50.00	8.72	/	/	/	/
Adjacent	-50	50.00	-36.61	-45.33	-30	15.33	Pass
Adjacent	50	50.00	-38.38	-47.10	-30	17.10	Pass

6.5 30k_SISO_60MHz_NTNV

6.5.1 Test Result

Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
5G NR n78d SCS=30kHz SISO 60MHz NTNV					
DFT-s-OFDM PI/2 BPSK	3580.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3669.99	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM QPSK	3580.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3669.99	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 16 QAM	3580.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3669.99	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 64 QAM	3580.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3669.99	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 256 QAM	3580.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3669.99	Outer_Full	Refer To Test Graph		Pass
CP-OFDM QPSK	3580.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3669.99	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 16 QAM	3580.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3669.99	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 64 QAM	3580.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3669.99	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 256 QAM	3580.02	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3669.99	Outer_Full	Refer To Test Graph		Pass

6.5.2 Test Graph

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3580.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3580.02MHz_Outer_Full

Ant: Ant1
CENT: 3580.02 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	14.76	/	/	/	/
Adjacent	-60	60.00	-30.64	-45.40	-30	15.40	Pass
Adjacent	60	60.00	-33.81	-48.57	-30	18.57	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	14.50	/	/	/	/
Adjacent	-60	60.00	-29.83	-44.33	-30	14.33	Pass
Adjacent	60	60.00	-33.79	-48.29	-30	18.29	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3669.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_3669.99MHz_Full

Ant: Ant1
CENT: 3669.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

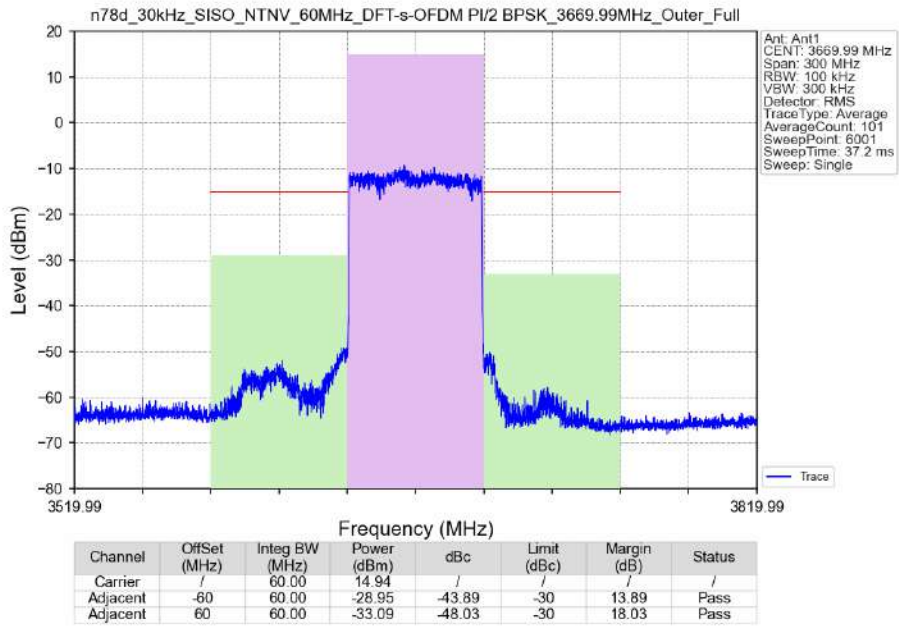| Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	14.94	/	/	/	
Adjacent	-60	60.00	-28.95	-43.89	-30	13.89	Pass
Adjacent	60	60.00	-33.09	-48.03	-30	18.03	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3580.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3580.02MHz_Outer_Full

Ant: Ant1
CENT: 3580.02 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

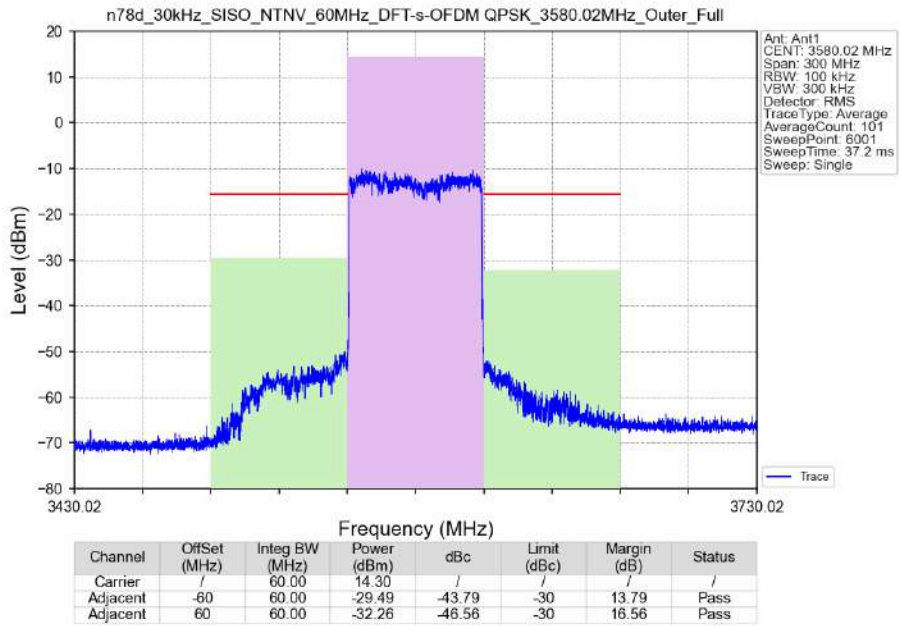| Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	14.30	/	/	/	
Adjacent	-60	60.00	-29.49	-43.79	-30	13.79	Pass
Adjacent	60	60.00	-32.26	-46.56	-30	16.56	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

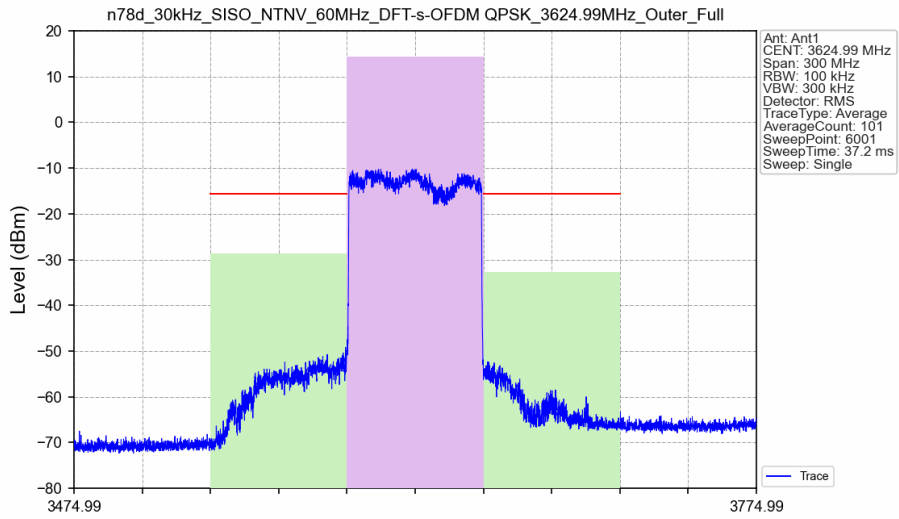n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	14.32	/	/	/	/
Adjacent	-60	60.00	-28.68	-43.00	-30	13.00	Pass
Adjacent	60	60.00	-32.70	-47.02	-30	17.02	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3669.99MHz_Outer_Full

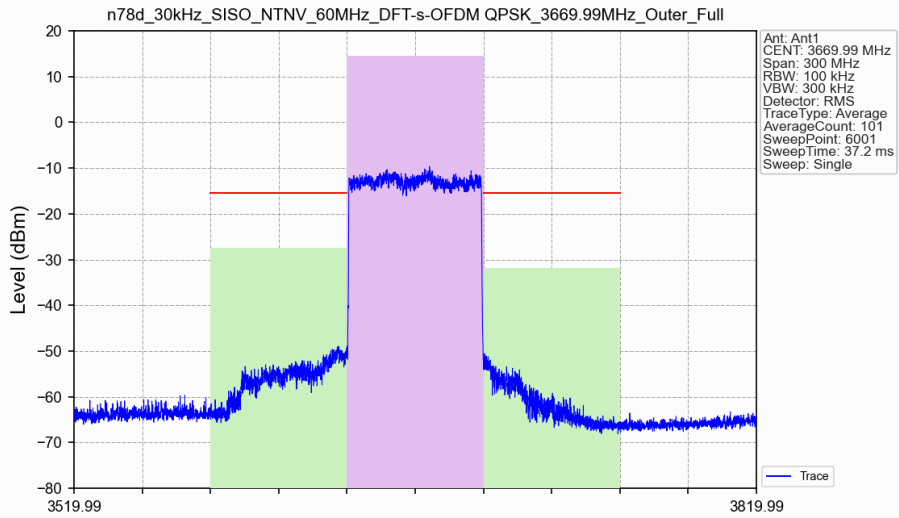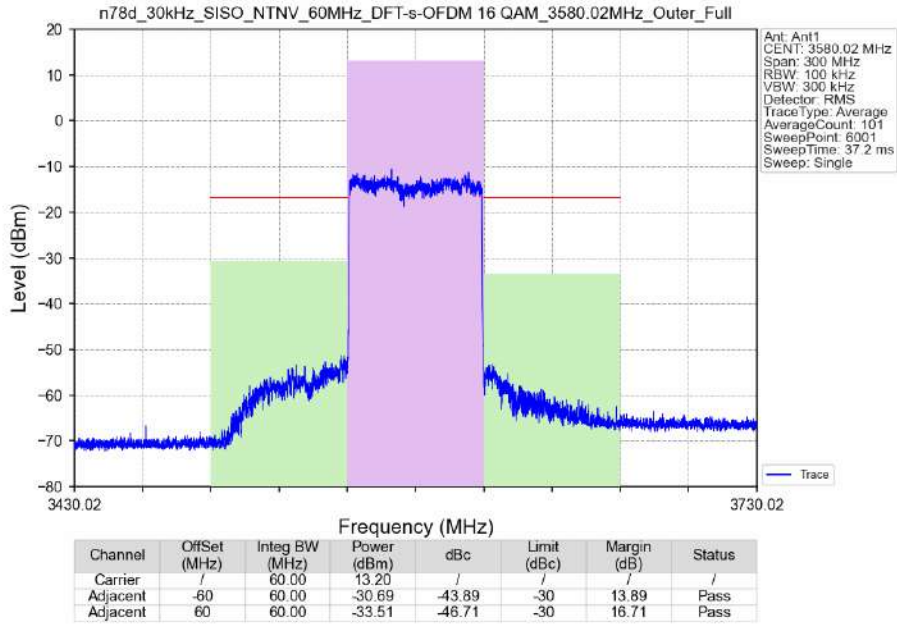n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_3669.99MHz_Outer_Full

Ant: Ant1
CENT: 3669.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	14.50	/	/	/	/
Adjacent	-60	60.00	-27.42	-41.92	-30	11.92	Pass
Adjacent	60	60.00	-31.88	-46.38	-30	16.38	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3580.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3580.02MHz_Outer_Full

Ant: Ant1
CENT: 3580.02 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	13.20	/	/	/	/
Adjacent	-60	60.00	-30.69	-43.89	-30	13.89	Pass
Adjacent	60	60.00	-33.51	-46.71	-30	16.71	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	13.23	/	/	/	/
Adjacent	-60	60.00	-30.06	-43.29	-30	13.29	Pass
Adjacent	60	60.00	-34.07	-47.30	-30	17.30	Pass

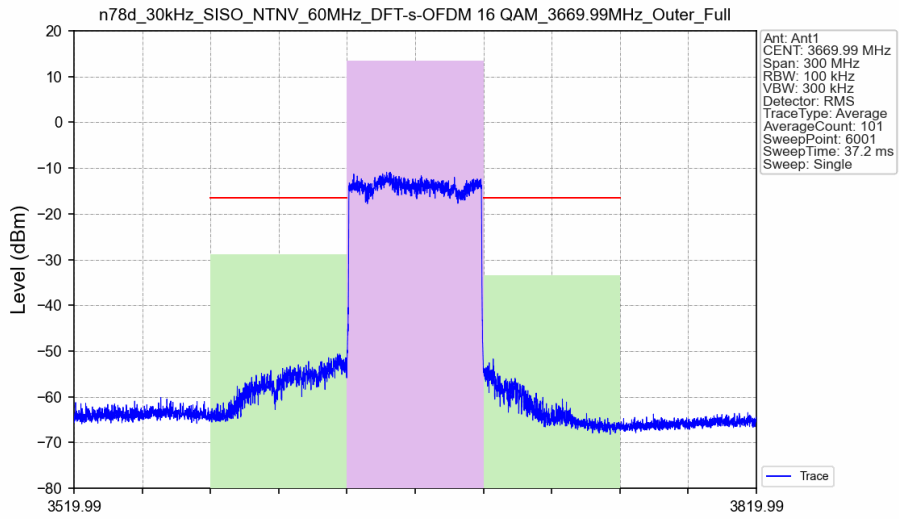## n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3669.99MHz_Outer_Full

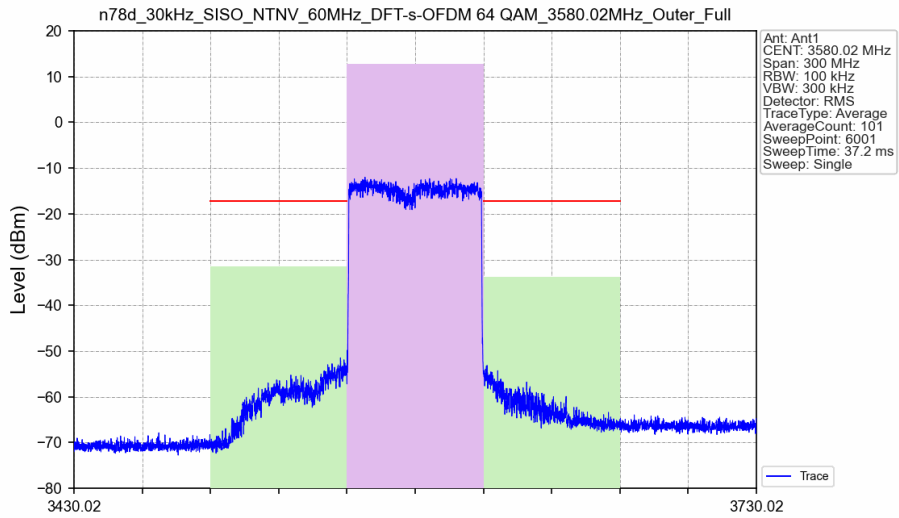n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_3669.99MHz_Outer_Full

Ant: Ant1
CENT: 3669.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	13.46	/	/	/	/
Adjacent	-60	60.00	-28.91	-42.37	-30	12.37	Pass
Adjacent	60	60.00	-33.36	-46.82	-30	16.82	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3580.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3580.02MHz_Outer_Full

Ant: Ant1
CENT: 3580.02 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	12.77	/	/	/	/
Adjacent	-60	60.00	-31.43	-44.20	-30	14.20	Pass
Adjacent	60	60.00	-33.88	-46.65	-30	16.65	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
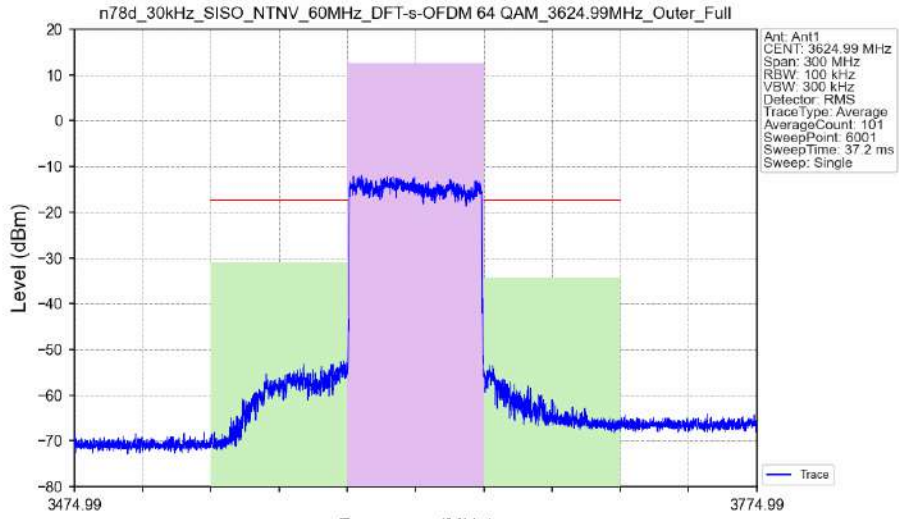CENT: 3624.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	12.60	/	/	/	/
Adjacent	-60	60.00	-30.90	-43.50	-30	13.50	Pass
Adjacent	60	60.00	-34.29	-46.89	-30	16.89	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3669.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_3669.99MHz_Outer_Full

Ant: Ant1
CENT: 3669.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single
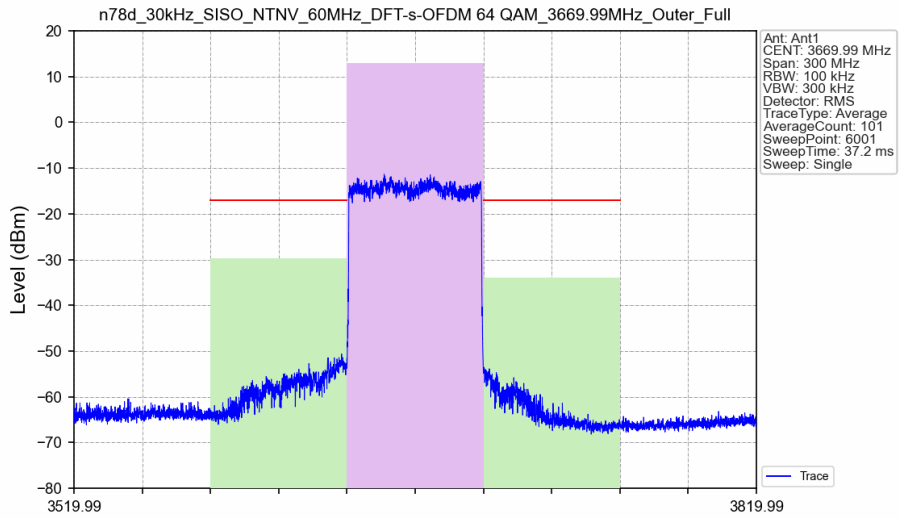
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	12.90	/	/	/	/
Adjacent	-60	60.00	-29.74	-42.64	-30	12.64	Pass
Adjacent	60	60.00	-33.93	-46.83	-30	16.83	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3580.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3580.02MHz_Outer_Full

Ant: Ant1
CENT: 3580.02 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	10.48	/	/	/	/
Adjacent	-60	60.00	-35.59	-46.07	-30	16.07	Pass
Adjacent	60	60.00	-36.46	-46.94	-30	16.94	Pass

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	10.49	/	/	/	/
Adjacent	-60	60.00	-35.32	-45.81	-30	15.81	Pass
Adjacent	60	60.00	-37.35	-47.84	-30	17.84	Pass

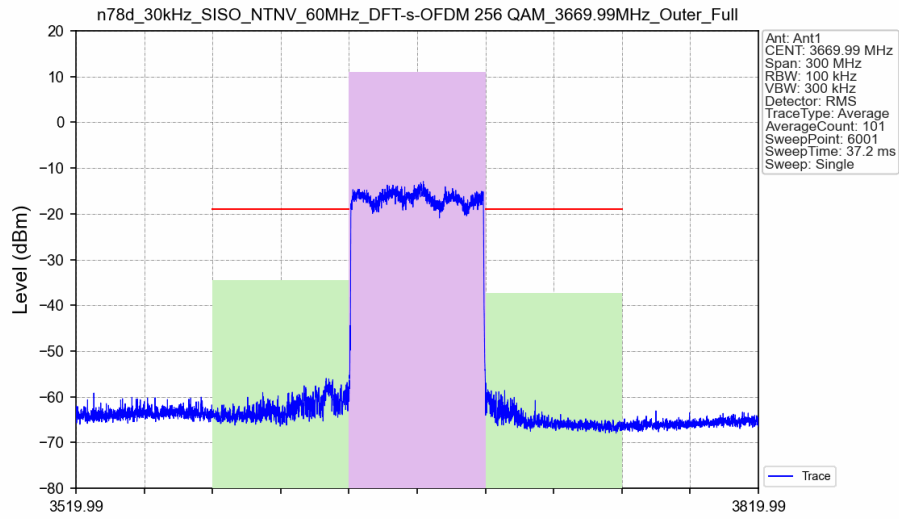## n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3669.99MHz_Outer_Full

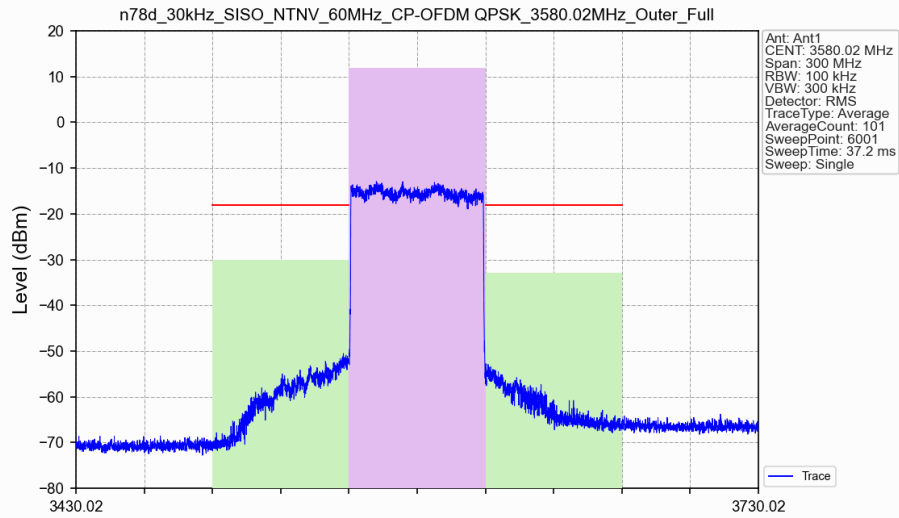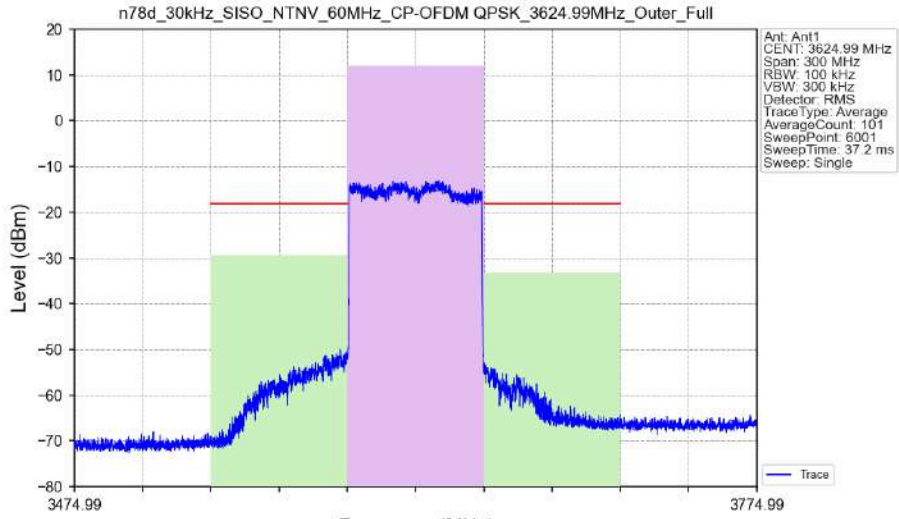n78d_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_3669.99MHz_Outer_Full

Ant: Ant1
CENT: 3669.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	10.94	/	/	/	/
Adjacent	-60	60.00	-34.50	-45.44	-30	15.44	Pass
Adjacent	60	60.00	-37.26	-48.20	-30	18.20	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3580.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3580.02MHz_Outer_Full

Ant: Ant1
CENT: 3580.02 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	11.93	/	/	/	/
Adjacent	-60	60.00	-30.15	-42.08	-30	12.08	Pass
Adjacent	60	60.00	-32.98	-44.91	-30	14.91	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	11.99	/	/	/	/
Adjacent	-60	60.00	-29.33	-41.32	-30	11.32	Pass
Adjacent	60	60.00	-33.23	-45.22	-30	15.22	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3669.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_3669.99MHz_Outer_Full

Ant: Ant1
CENT: 3669.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single
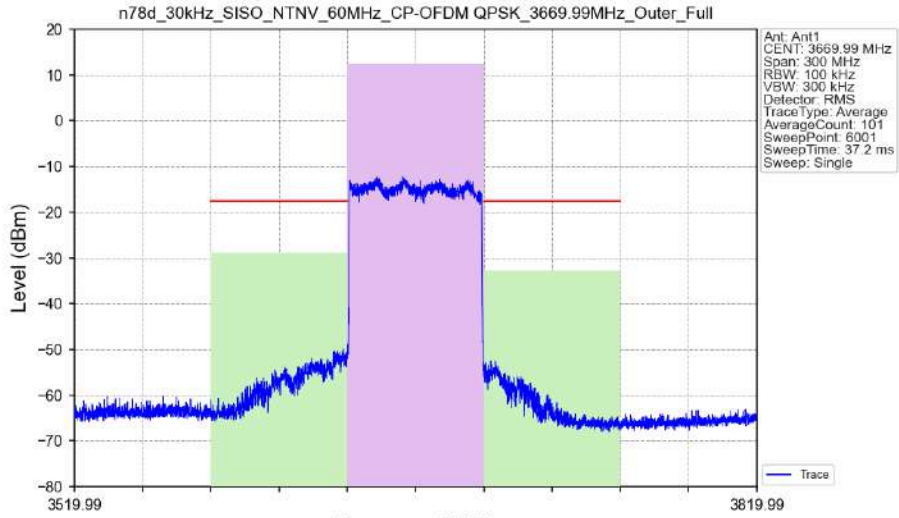
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	12.43	/	/	/	/
Adjacent	-60	60.00	-28.83	-41.26	-30	11.26	Pass
Adjacent	60	60.00	-32.79	-45.22	-30	15.22	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3580.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3580.02MHz_Outer_Full

Ant: Ant1
CENT: 3580.02 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Trace
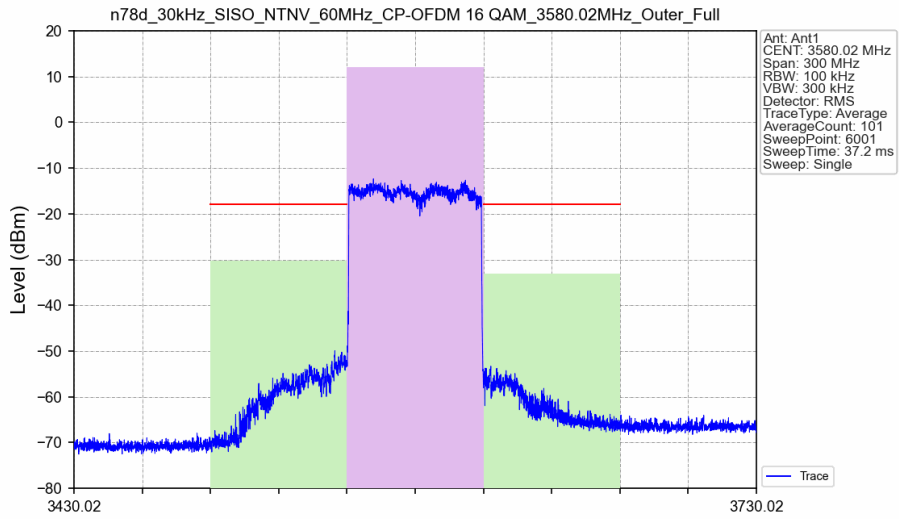
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	12.11	/	/	/	/
Adjacent	-60	60.00	-30.23	-42.34	-30	12.34	Pass
Adjacent	60	60.00	-33.03	-45.14	-30	15.14	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Trace
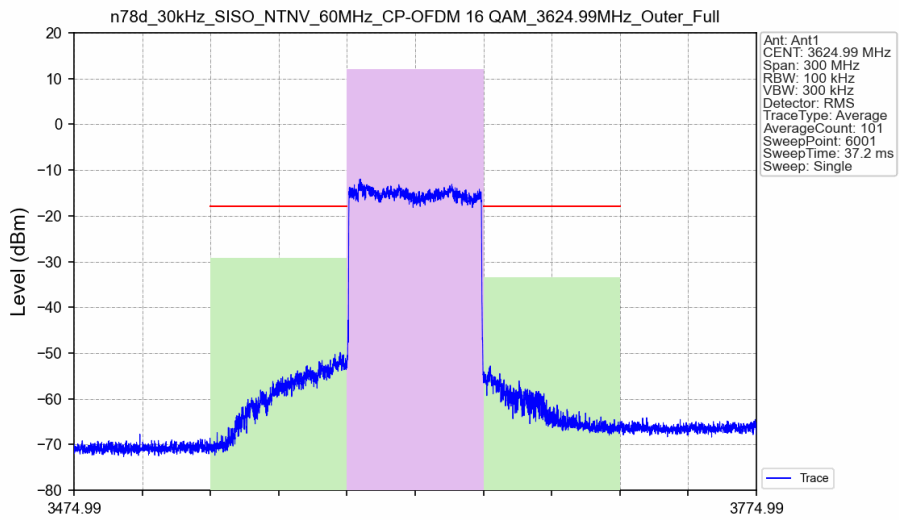
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	12.12	/	/	/	/
Adjacent	-60	60.00	-29.29	-41.41	-30	11.41	Pass
Adjacent	60	60.00	-33.38	-45.50	-30	15.50	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3669.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_3669.99MHz_Outer_Full

Ant: Ant1
CENT: 3669.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single
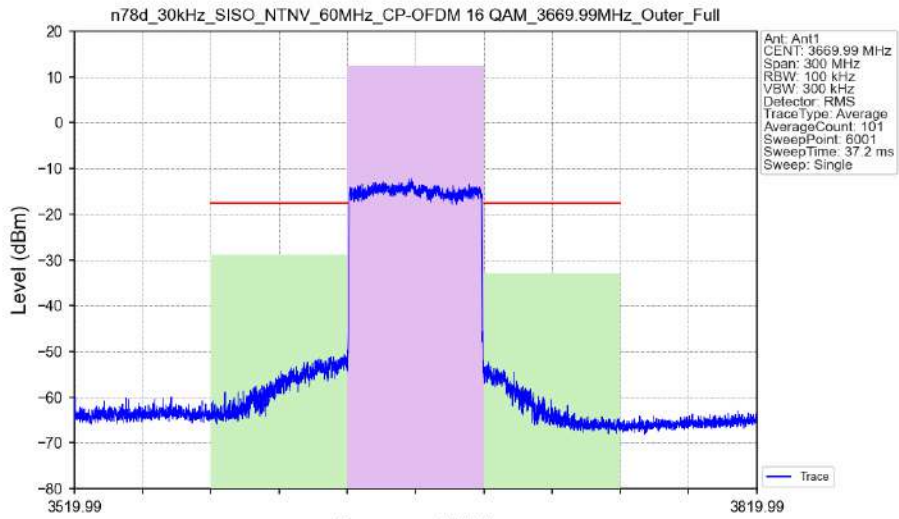
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	12.42	/	/	/	/
Adjacent	-60	60.00	-28.78	-41.20	-30	11.20	Pass
Adjacent	60	60.00	-32.84	-45.26	-30	15.26	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3580.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3580.02MHz_Outer_Full

Ant: Ant1
CENT: 3580.02 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single
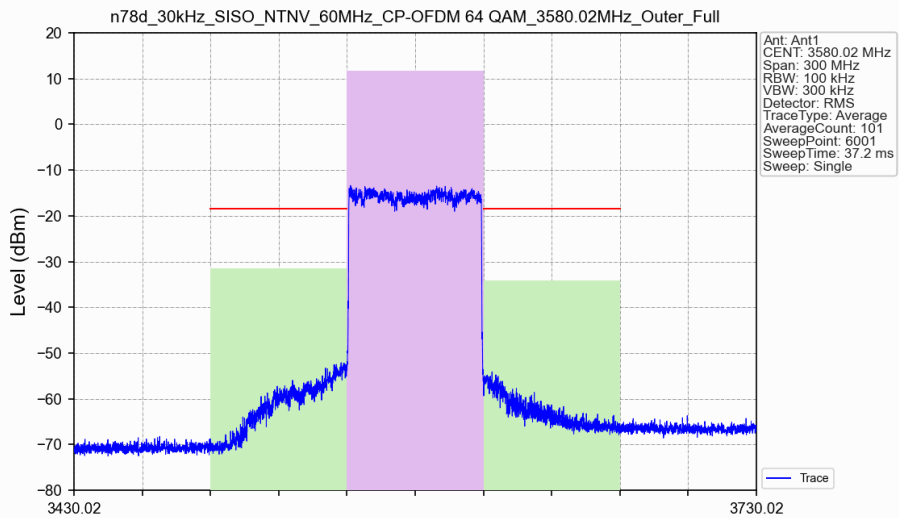
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	11.63	/	/	/	/
Adjacent	-60	60.00	-31.57	-43.20	-30	13.20	Pass
Adjacent	60	60.00	-34.23	-45.86	-30	15.86	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full

Ant: Ant1
CENT: 3624.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	11.73	/	/	/	/
Adjacent	-60	60.00	-30.32	-42.05	-30	12.05	Pass
Adjacent	60	60.00	-34.11	-45.84	-30	15.84	Pass

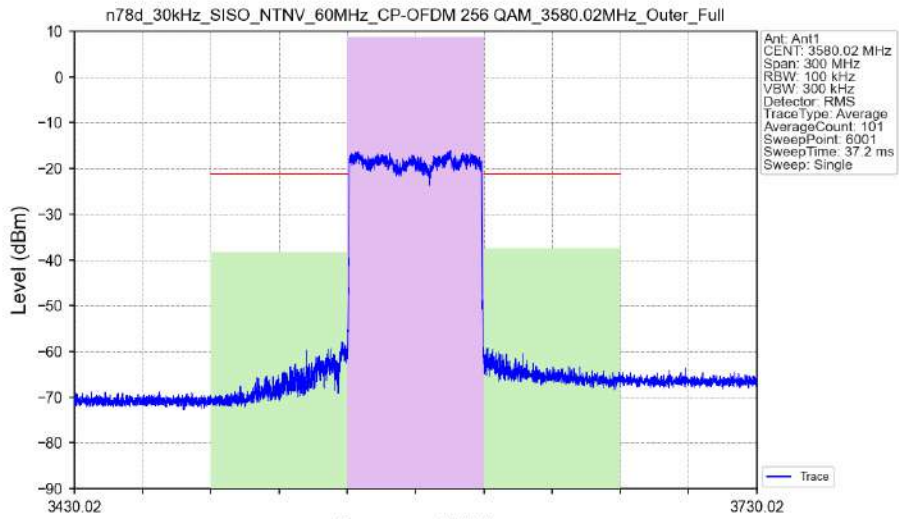## n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3669.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_3669.99MHz_Outer_Full

Ant: Ant1
CENT: 3669.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	11.96	/	/	/	/
Adjacent	-60	60.00	-29.92	-41.88	-30	11.88	Pass
Adjacent	60	60.00	-33.57	-45.53	-30	15.53	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3580.02MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3580.02MHz_Outer_Full

Ant: Ant1
CENT: 3580.02 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	8.75		/	/	/
Adjacent	-60	60.00	-38.40	-47.15	-30	17.15	Pass
Adjacent	60	60.00	-37.43	-46.18	-30	16.18	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

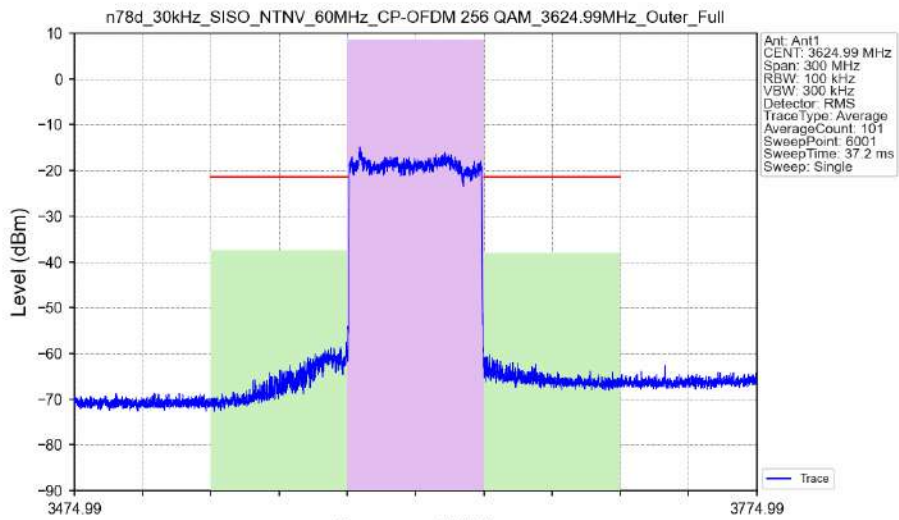n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full

Ant: Ant1
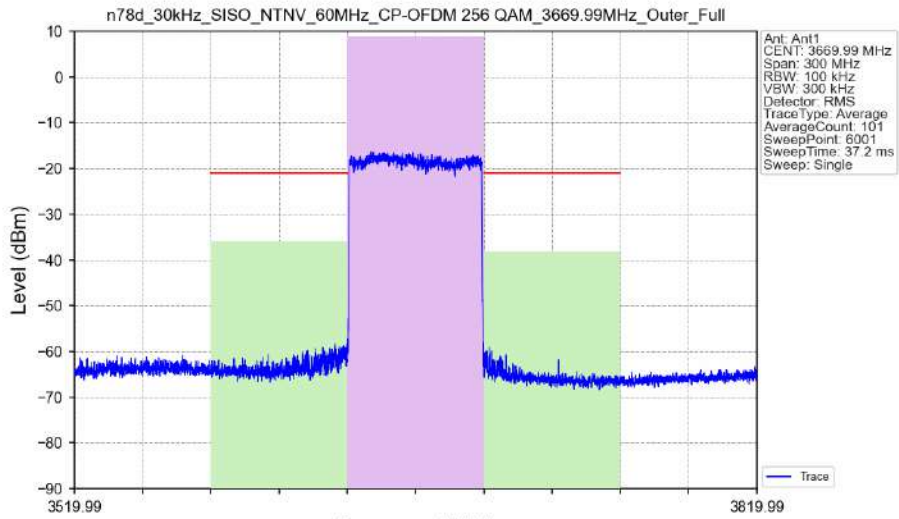CENT: 3624.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	8.54		/	/	/
Adjacent	-60	60.00	-37.46	-46.00	-30	16.00	Pass
Adjacent	60	60.00	-38.02	-46.56	-30	16.56	Pass

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3669.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_3669.99MHz_Outer_Full

Ant: Ant1
CENT: 3669.99 MHz
Span: 300 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 6001
SweepTime: 37.2 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	60.00	8.93	/	/	/	/
Adjacent	-60	60.00	-35.83	-44.76	-30	14.76	Pass
Adjacent	60	60.00	-38.12	-47.05	-30	17.05	Pass

6.6 30k_SISO_70MHz_NTNV

6.6.1 Test Result

5G NR n78d SCS=30kHz SISO 70MHz NTNV					
Modulation	Frequency (MHz)	RB Allocation	Adjacent Channel Leakage Ratio		Verdict
			Result	Limit	
DFT-s-OFDM PI/2 BPSK	3585	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3664.98	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM QPSK	3585	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3664.98	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 16 QAM	3585	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3664.98	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 64 QAM	3585	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3664.98	Outer_Full	Refer To Test Graph		Pass
DFT-s-OFDM 256 QAM	3585	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3664.98	Outer_Full	Refer To Test Graph		Pass
CP-OFDM QPSK	3585	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3664.98	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 16 QAM	3585	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3664.98	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 64 QAM	3585	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3664.98	Outer_Full	Refer To Test Graph		Pass
CP-OFDM 256 QAM	3585	Outer_Full	Refer To Test Graph		Pass
	3624.99	Outer_Full	Refer To Test Graph		Pass
	3664.98	Outer_Full	Refer To Test Graph		Pass

6.6.2 Test Graph

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3585MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_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

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	14.77	/	/	/	/
Adjacent	-70	70.00	-29.68	-44.45	-30	14.45	Pass
Adjacent	70	70.00	-33.98	-48.75	-30	18.75	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_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

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	14.58	/	/	/	/
Adjacent	-70	70.00	-29.33	-43.91	-30	13.91	Pass
Adjacent	70	70.00	-34.63	-49.21	-30	19.21	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_3664.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_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

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	14.70	/	/	/	/
Adjacent	-70	70.00	-28.72	-43.42	-30	13.42	Pass
Adjacent	70	70.00	-34.12	-48.82	-30	18.82	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3585MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_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
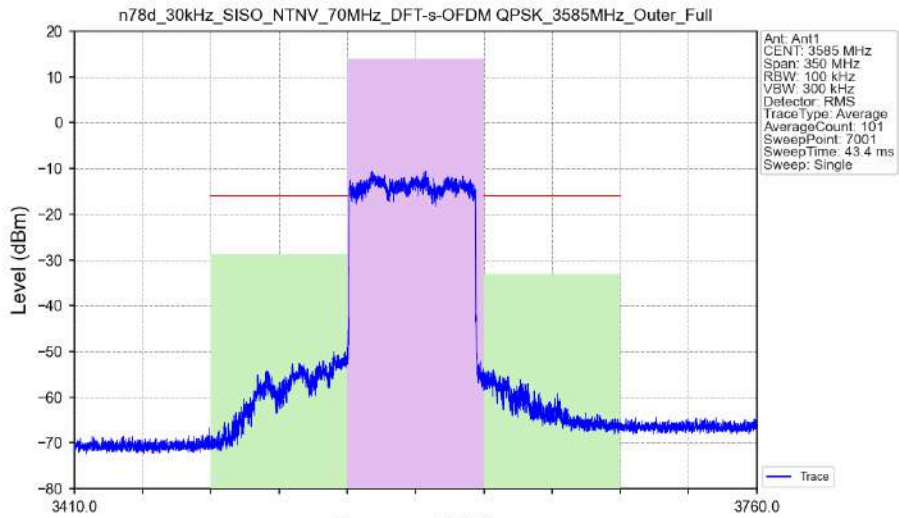
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	13.96	/	/	/	/
Adjacent	-70	70.00	-28.65	-42.61	-30	12.61	Pass
Adjacent	70	70.00	-33.04	-47.00	-30	17.00	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_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
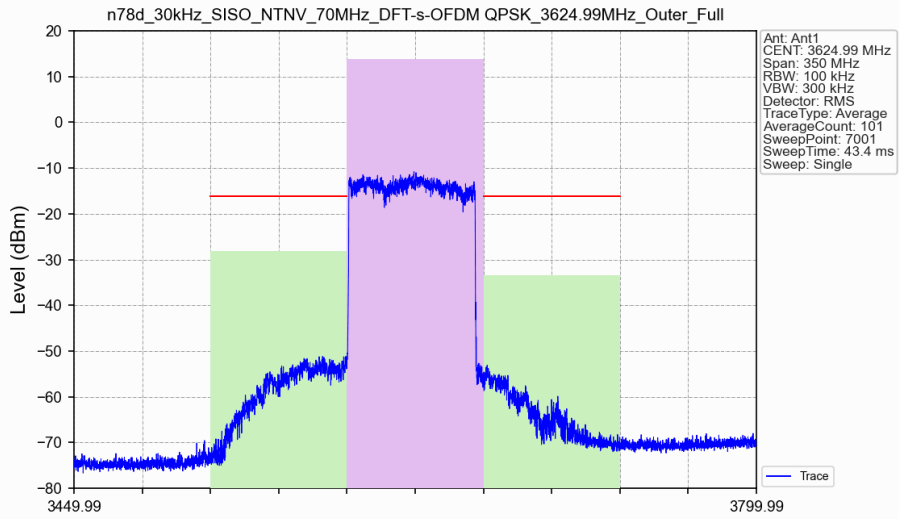
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	13.88	/	/	/	/
Adjacent	-70	70.00	-28.20	-42.08	-30	12.08	Pass
Adjacent	70	70.00	-33.37	-47.25	-30	17.25	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_3664.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_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
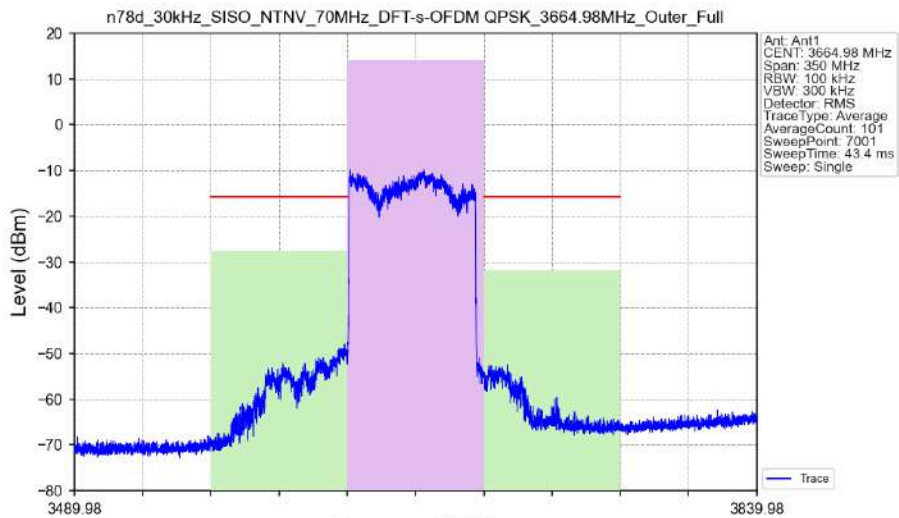
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	14.18	/	/	/	/
Adjacent	-70	70.00	-27.56	-41.74	-30	11.74	Pass
Adjacent	70	70.00	-31.83	-46.01	-30	16.01	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 QAM_3585MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 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

Trace
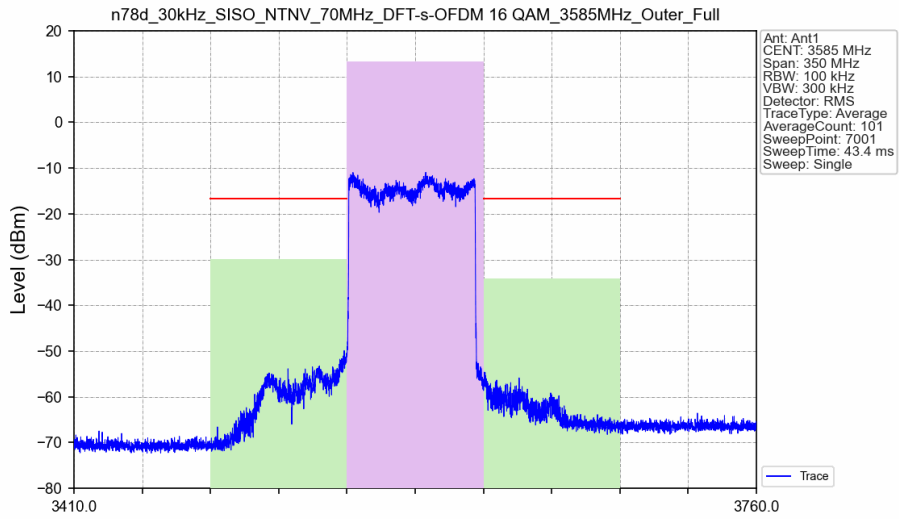
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	13.35	/	/	/	/
Adjacent	-70	70.00	-29.95	-43.30	-30	13.30	Pass
Adjacent	70	70.00	-34.06	-47.41	-30	17.41	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 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
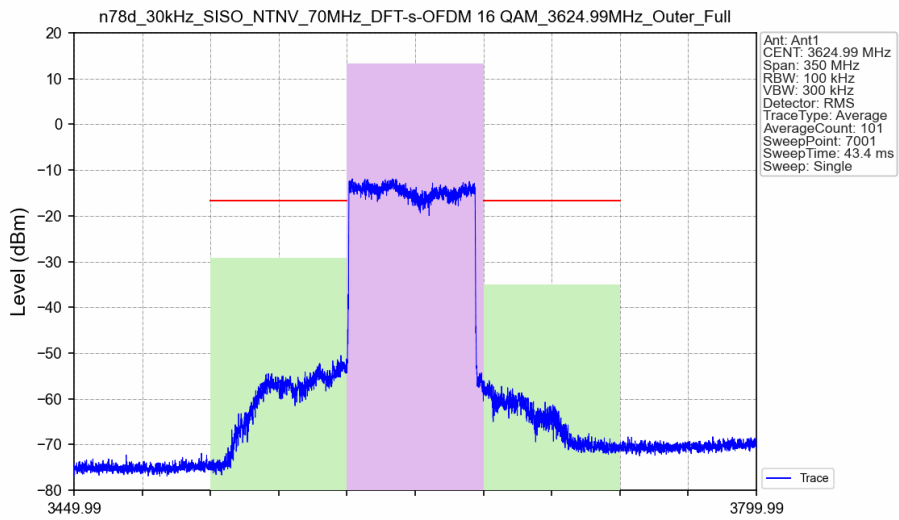
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	13.27	/	/	/	/
Adjacent	-70	70.00	-29.27	-42.54	-30	12.54	Pass
Adjacent	70	70.00	-35.07	-48.34	-30	18.34	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 QAM_3664.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 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
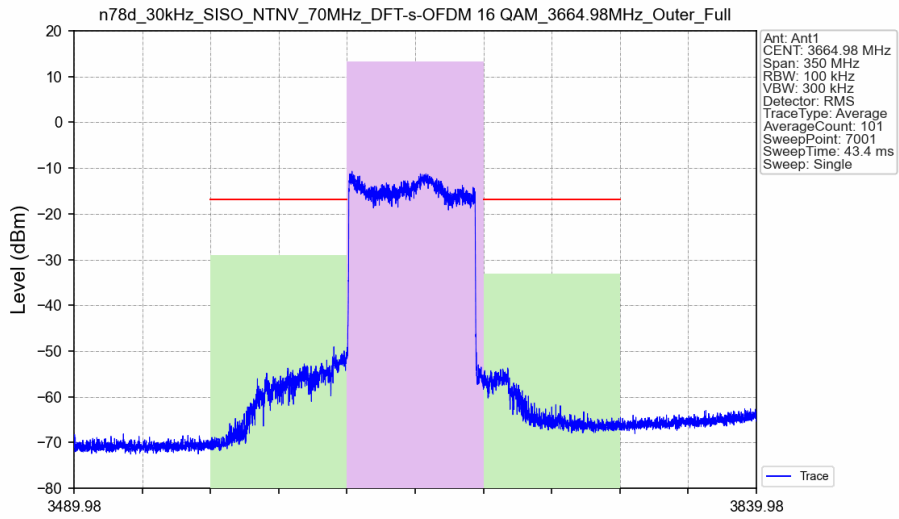
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	13.21	/	/	/	/
Adjacent	-70	70.00	-28.99	-42.20	-30	12.20	Pass
Adjacent	70	70.00	-33.01	-46.22	-30	16.22	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3585MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 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

— Trace
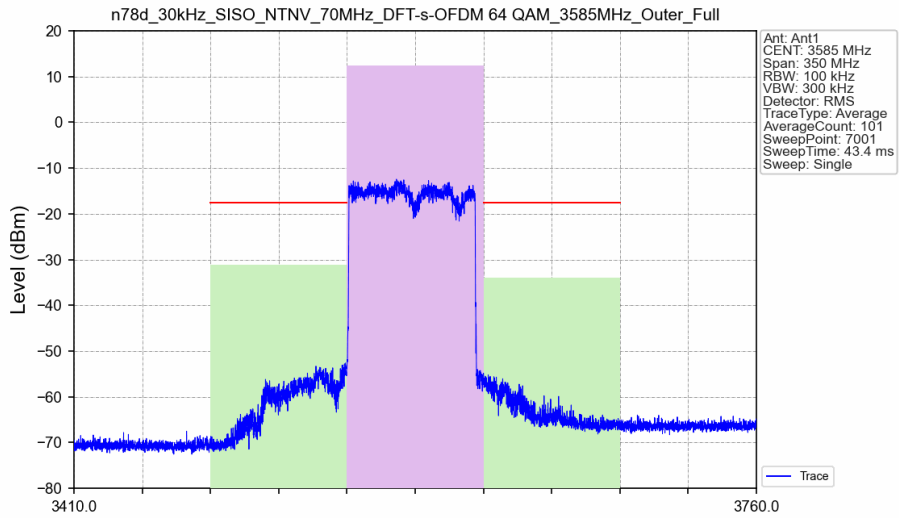
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	12.38	/	/	/	/
Adjacent	-70	70.00	-31.16	-43.54	-30	13.54	Pass
Adjacent	70	70.00	-34.00	-46.38	-30	16.38	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-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

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	12.80	/	/	/	/
Adjacent	-70	70.00	-29.96	-42.76	-30	12.76	Pass
Adjacent	70	70.00	-35.84	-48.64	-30	18.64	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_3664.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-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

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	12.48	/	/	/	/
Adjacent	-70	70.00	-29.41	-41.89	-30	11.89	Pass
Adjacent	70	70.00	-34.30	-46.78	-30	16.78	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3585MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-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

Trace

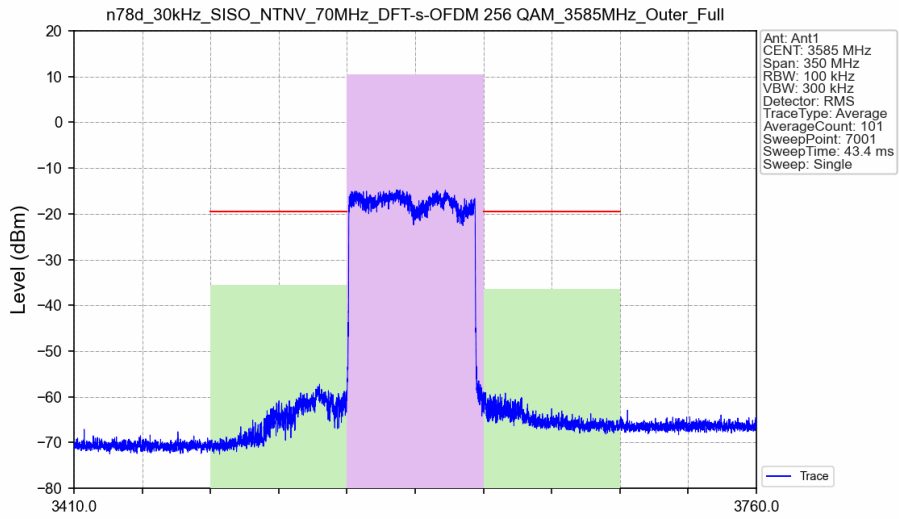| Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	10.50	/	/	/	/
Adjacent	-70	70.00	-35.57	-46.07	-30	16.07	Pass
Adjacent	70	70.00	-36.46	-46.96	-30	16.96	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

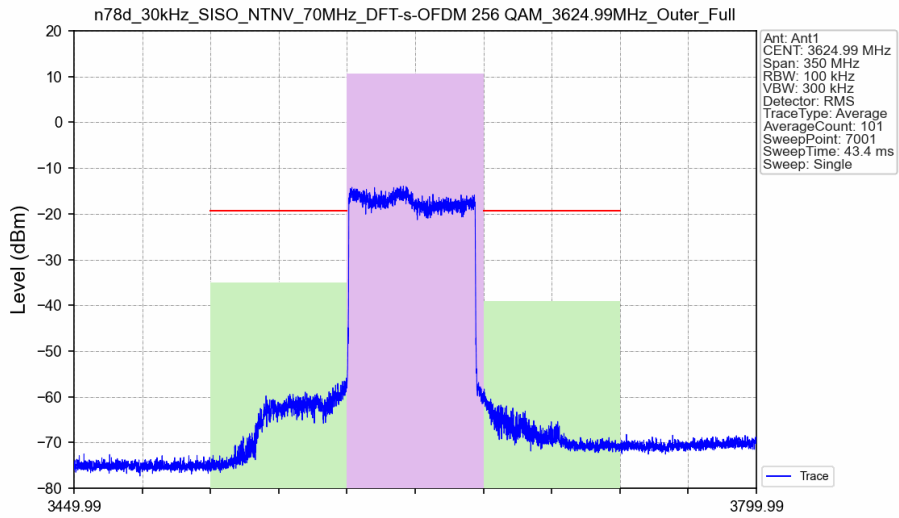n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3624.99MHz_Outer_Full

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

Trace

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	10.64	/	/	/	/
Adjacent	-70	70.00	-34.97	-45.61	-30	15.61	Pass
Adjacent	70	70.00	-39.00	-49.64	-30	19.64	Pass

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3664.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_3664.98MHz_Outer_Full

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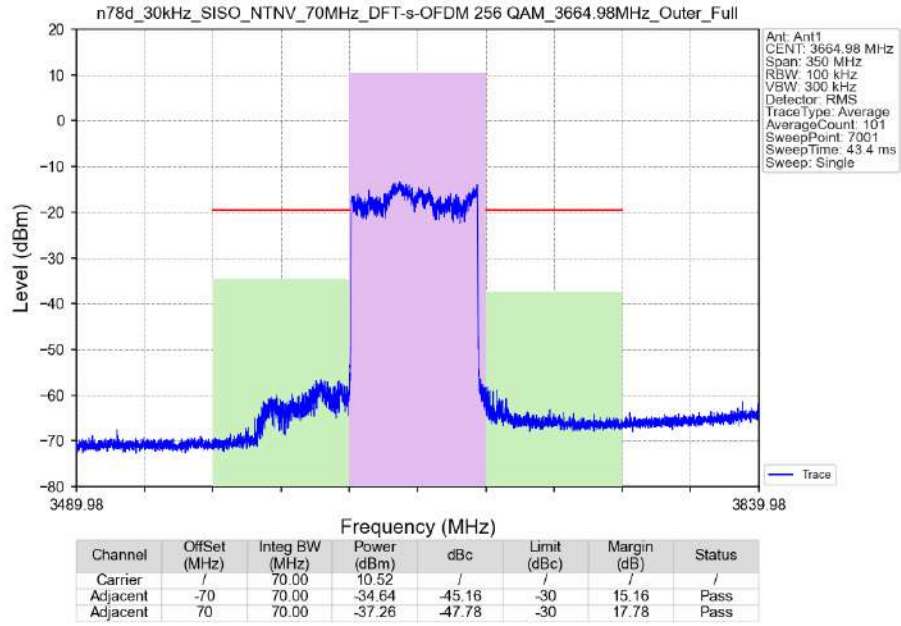CENT: 3664.98 MHz
Span: 350 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 101
SweepPoint: 7001
SweepTime: 43.4 ms
Sweep: Single

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	10.52	/	/	/	
Adjacent	-70	70.00	-34.64	-45.16	-30	15.16	Pass
Adjacent	70	70.00	-37.26	-47.78	-30	17.78	Pass

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3585MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_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

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	11.85	/	/	/	
Adjacent	-70	70.00	-29.94	-41.79	-30	11.79	Pass
Adjacent	70	70.00	-32.94	-44.79	-30	14.79	Pass

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_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

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	12.20	/	/	/	/
Adjacent	-70	70.00	-29.25	-41.45	-30	11.45	Pass
Adjacent	70	70.00	-33.64	-45.84	-30	15.84	Pass

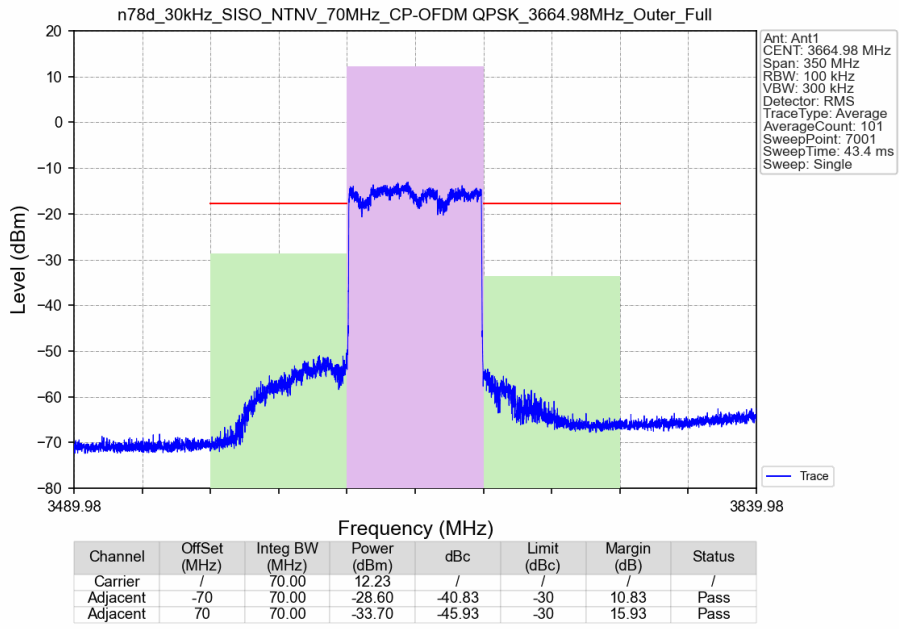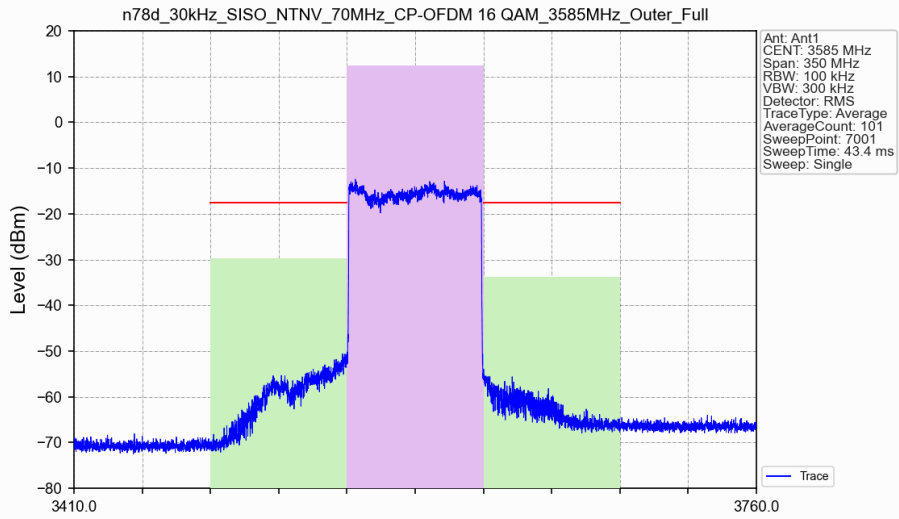## n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3664.98MHz_Outer_Full

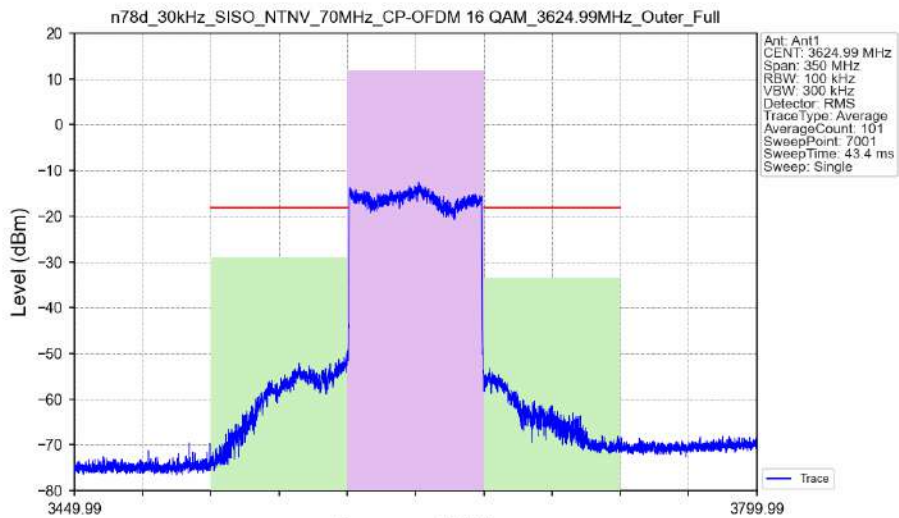n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_3664.98MHz_Outer_Full

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

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	12.23	/	/	/	/
Adjacent	-70	70.00	-28.60	-40.83	-30	10.83	Pass
Adjacent	70	70.00	-33.70	-45.93	-30	15.93	Pass

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3585MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 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

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	12.45	/	/	/	/
Adjacent	-70	70.00	-29.78	-42.23	-30	12.23	Pass
Adjacent	70	70.00	-33.80	-46.25	-30	16.25	Pass

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3624.99MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 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

Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	11.86	/	/	/	/
Adjacent	-70	70.00	-29.09	-40.95	-30	10.95	Pass
Adjacent	70	70.00	-33.38	-45.24	-30	15.24	Pass

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_3664.98MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 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
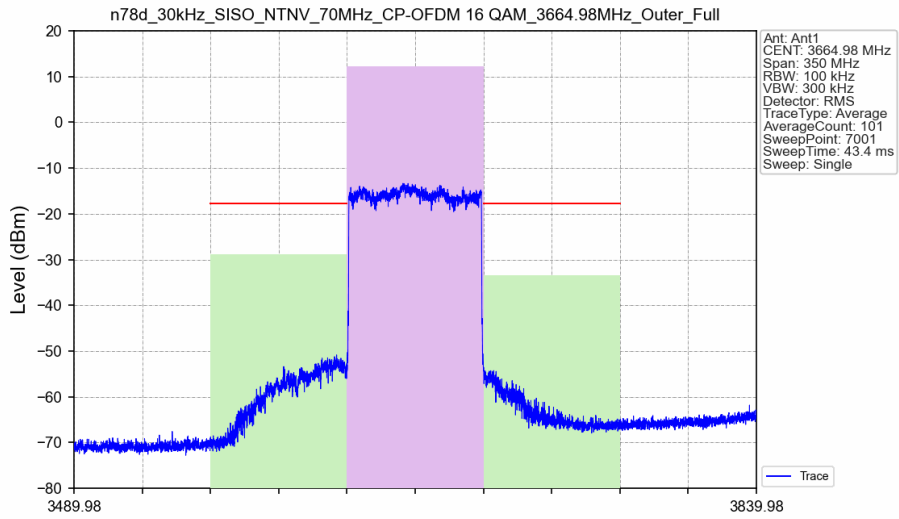
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	12.17	/	/	/	/
Adjacent	-70	70.00	-28.83	-41.00	-30	11.00	Pass
Adjacent	70	70.00	-33.41	-45.58	-30	15.58	Pass

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_3585MHz_Outer_Full

n78d_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 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
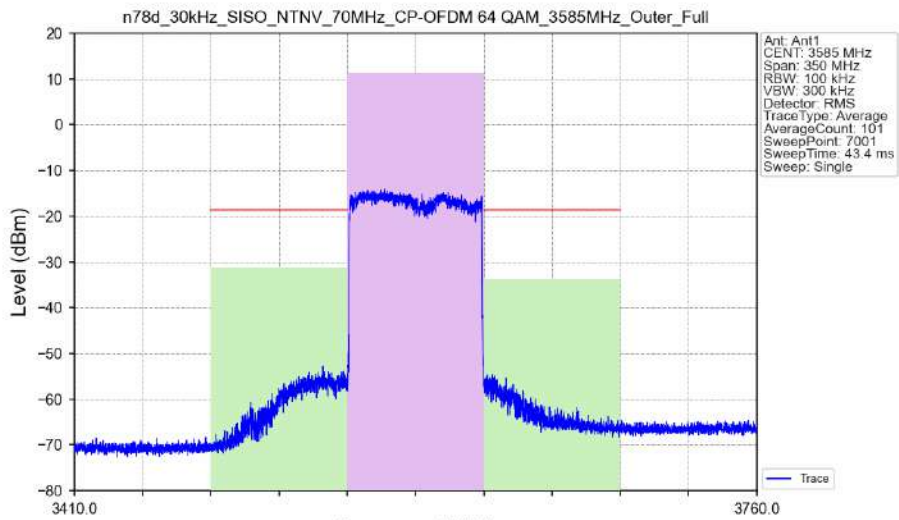
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	70.00	11.35	/	/	/	/
Adjacent	-70	70.00	-31.18	-42.53	-30	12.53	Pass
Adjacent	70	70.00	-33.81	-45.16	-30	15.16	Pass