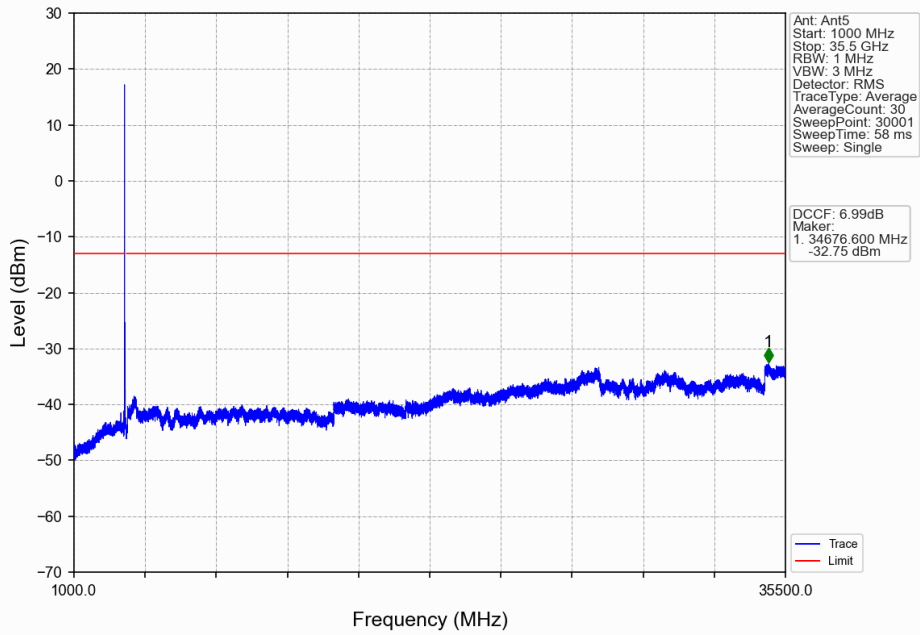
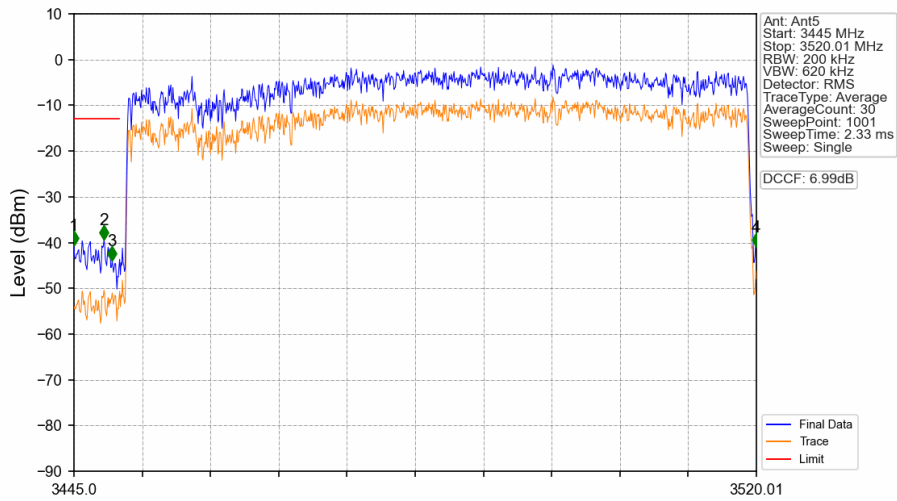


n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3485.01MHz\_Edge\_1RB\_Left

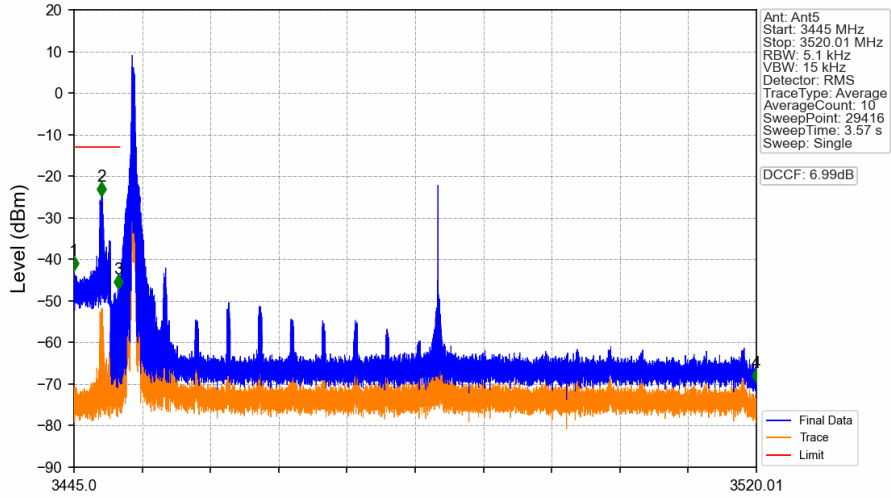


n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3485.01MHz\_Outer\_Full



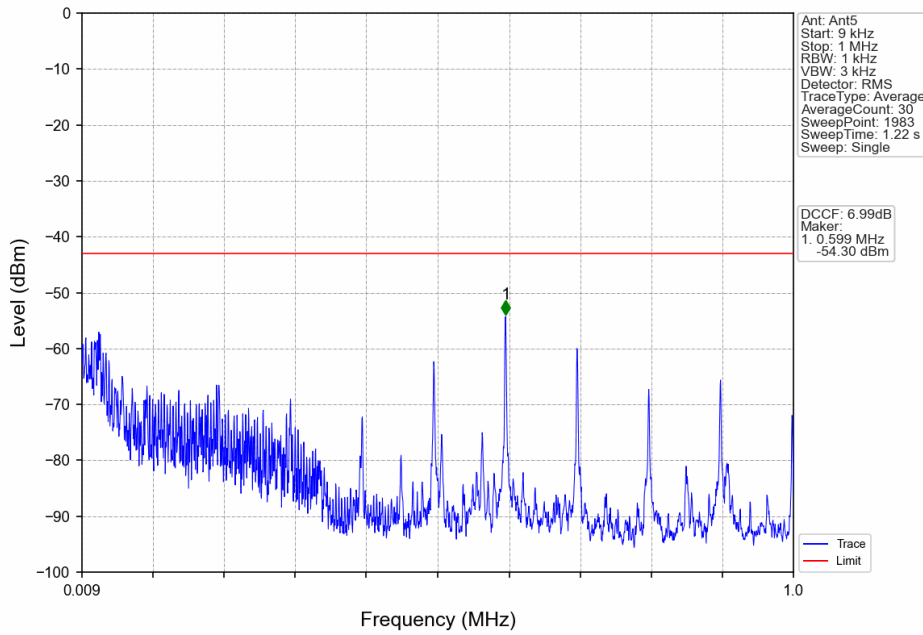
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	6.99	1	3445.000	-40.59	-13	Pass
3445.01	3449.01	0.5	3.98	2	3448.300	-39.46	-13	Pass
3449.01	3450.01	0.2	0	3	3449.201	-44.02	-13	Pass
3450.01	3520.01	0.2	0	4	3520.010	-41.01	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3485.01MHz\_Inner\_1RB\_Left



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	22.92	1	3445.000	-42.70	-13	Pass
3445.01	3449.01	0.5	19.91	2	3448.040	-24.84	-13	Pass
3449.01	3450.01	0.0051	0	3	3449.860	-47.17	-13	Pass
3450.01	3520.01	0.0051	0	4	3520.010	-69.57	-13	Pass

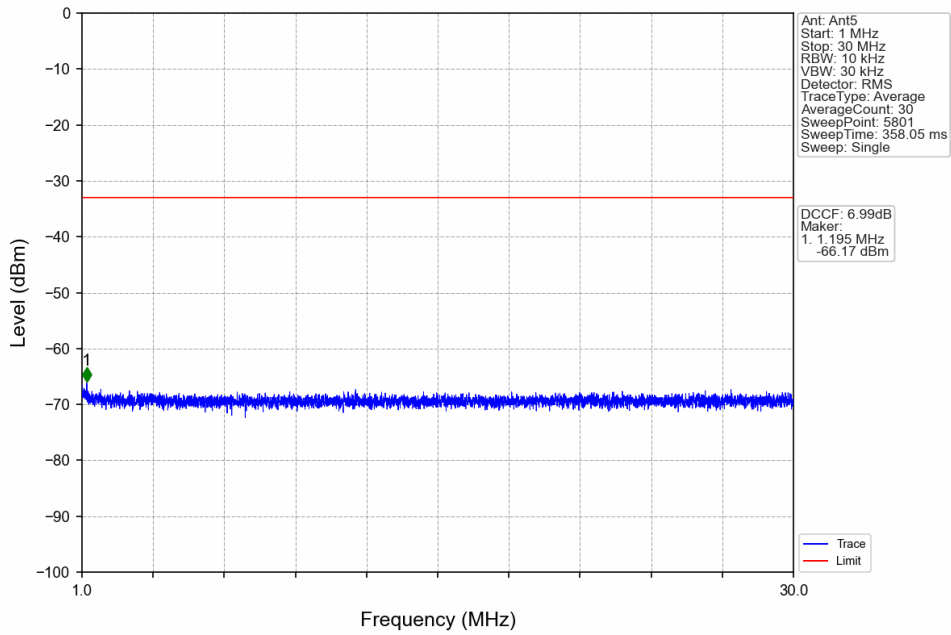
n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



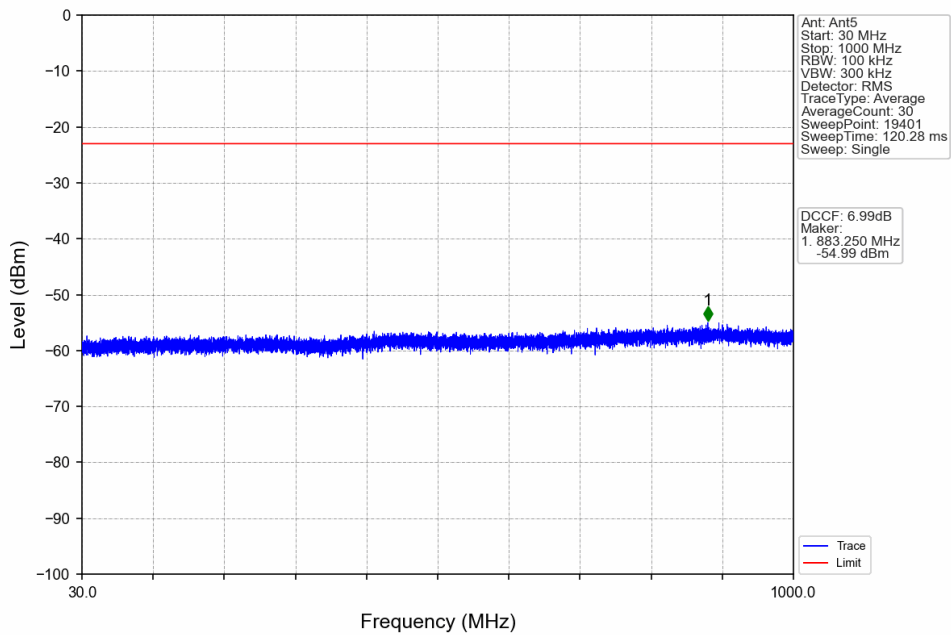
Ant: Ant5  
 Start: 9 kHz  
 Stop: 1 MHz  
 RBW: 1 kHz  
 VBW: 3 kHz  
 Detector: RMS  
 Trace Type: Average  
 Average Count: 30  
 Sweep Point: 1983  
 Sweep Time: 1.22 s  
 Sweep: Single

DCCF: 6.99dB  
 Marker:  
 1: 0.599 MHz  
 -54.30 dBm

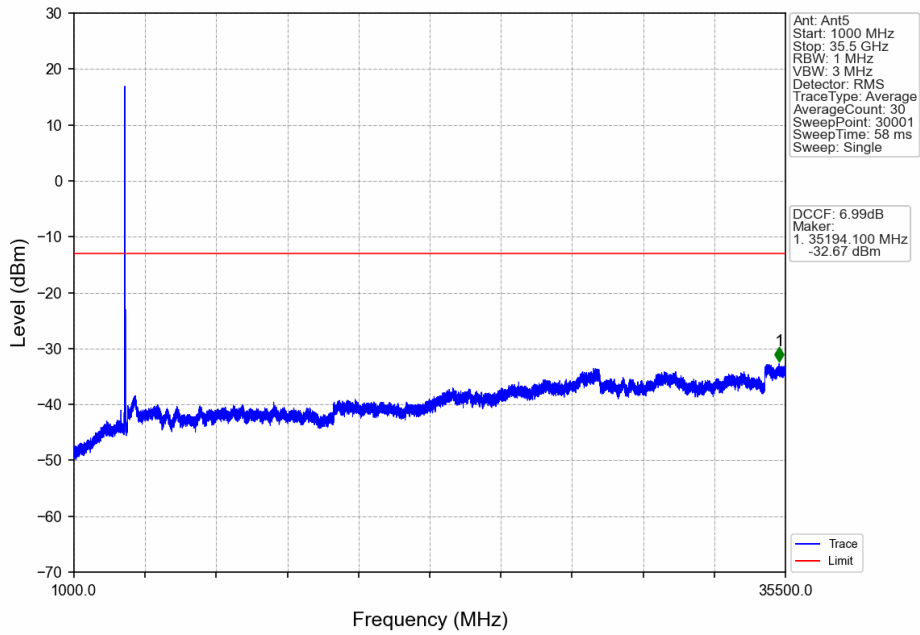
n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



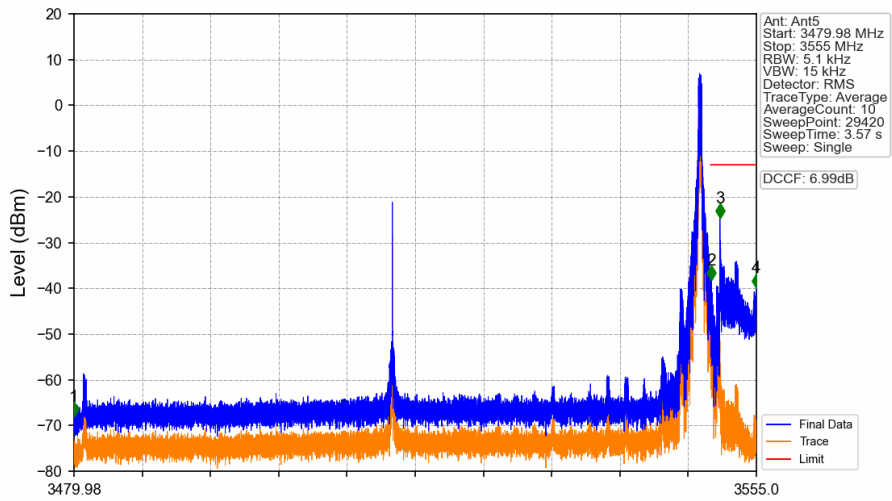
n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3500.01MHz\_Edge\_1RB\_Left

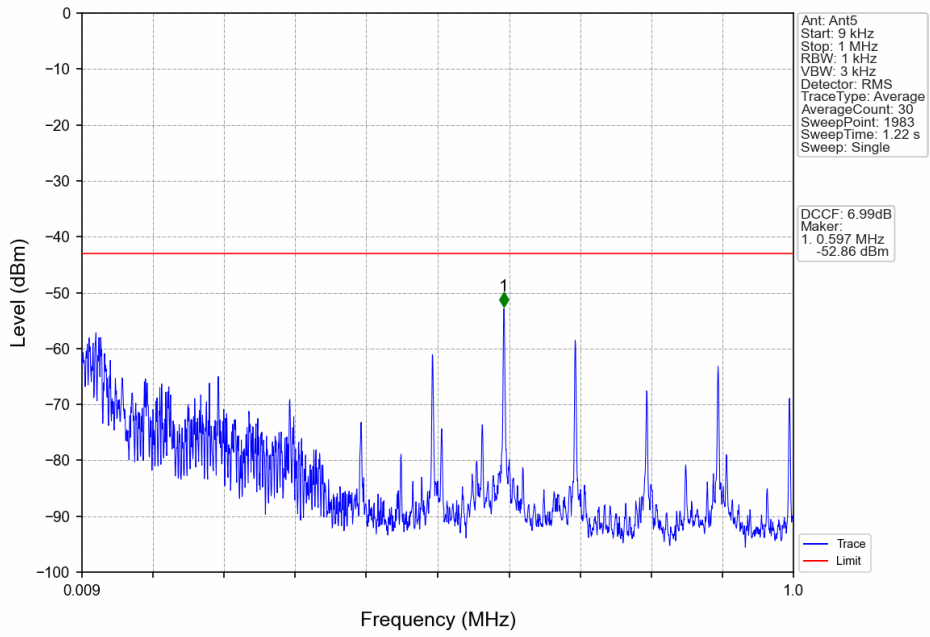


n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3514.98MHz\_Edge\_1RB\_Right

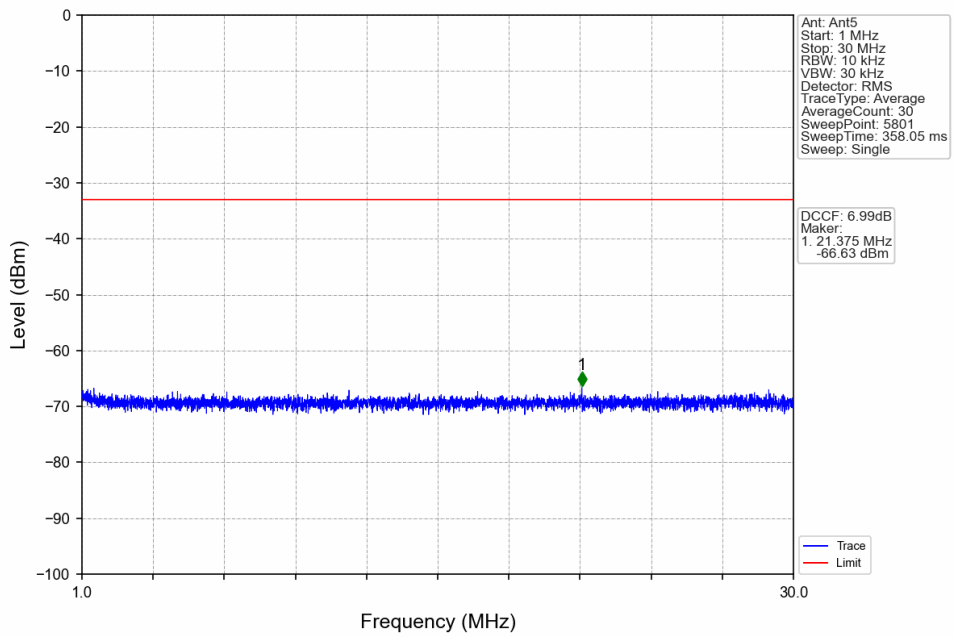


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3479.98	3549.98	0.0051	0	1	3479.980	-68.06	-13	Pass
3549.98	3549.98	0.0051	0	/	/	/	/	/
3549.98	3550.98	0.0051	0	2	3550.066	-38.21	-13	Pass
3550.98	3554.98	0.5	19.91	3	3550.989	-24.57	-13	Pass
3554.98	3555	1	22.92	4	3554.982	-39.87	-13	Pass

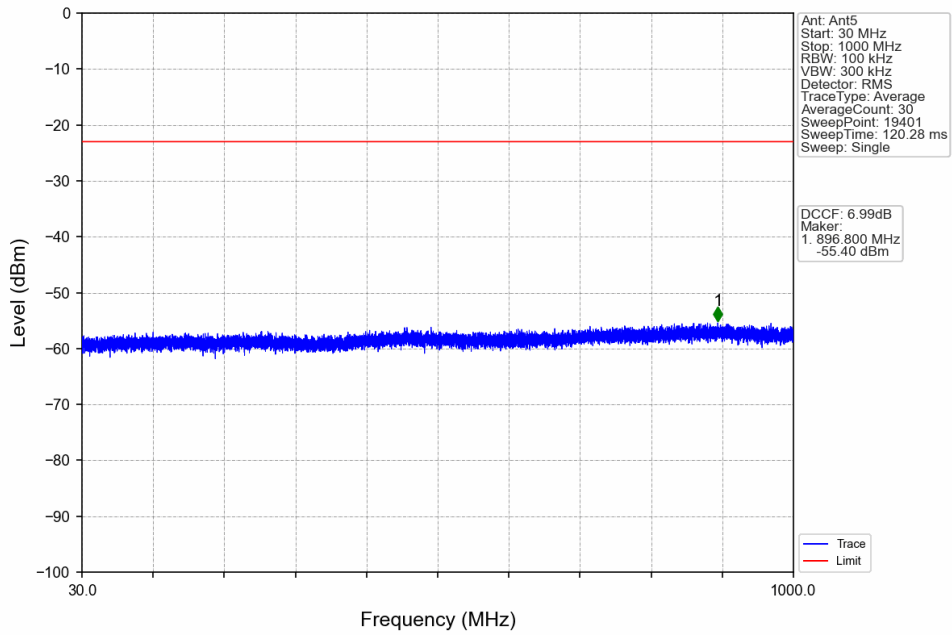
n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3514.98MHz\_Edge\_1RB\_Right



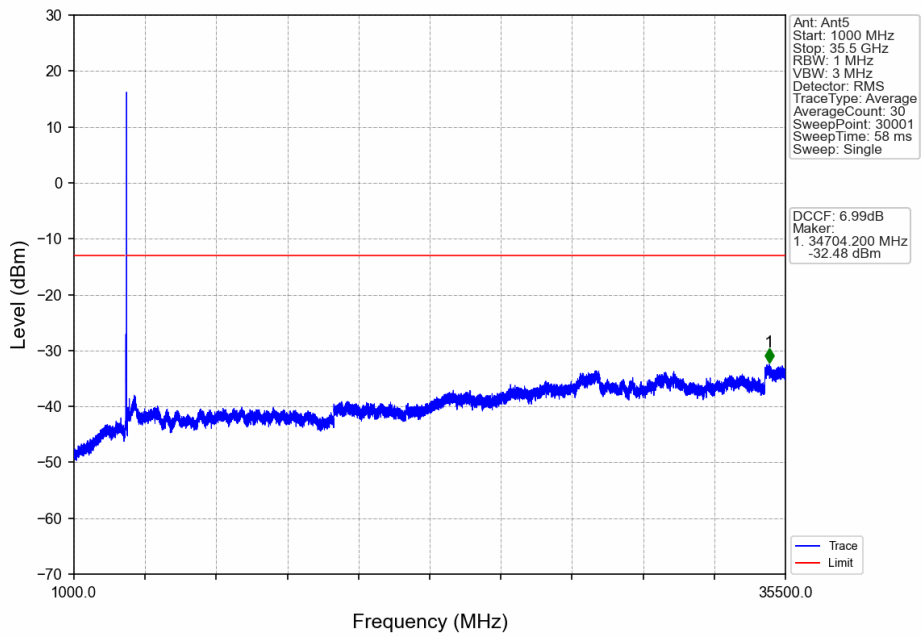
n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3514.98MHz\_Edge\_1RB\_Right



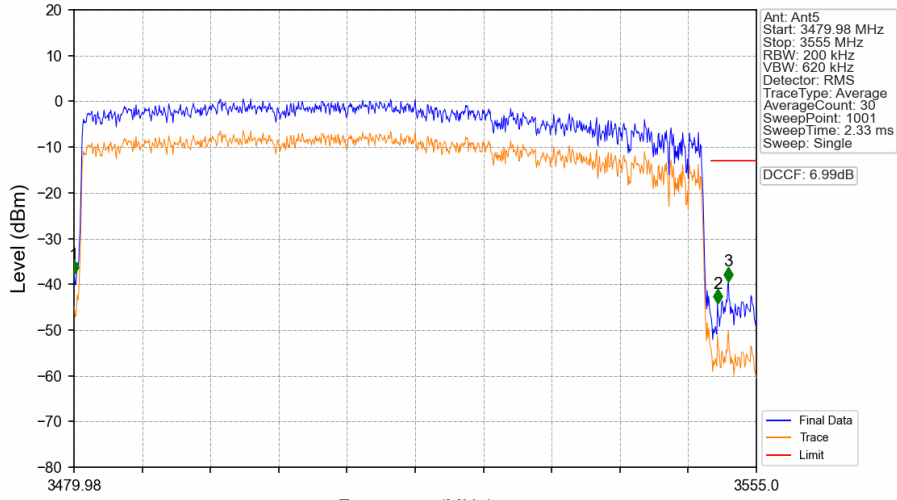
n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3514.98MHz\_Edge\_1RB\_Right



n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3514.98MHz\_Edge\_1RB\_Right

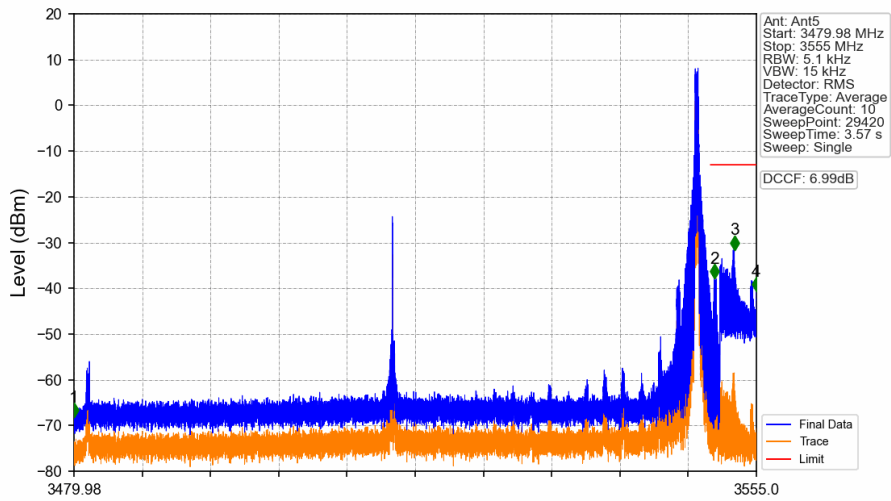


n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3514.98MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3479.98	3549.98	0.2	0	1	3479.980	-37.92	-13	Pass
3549.98	3549.98	0.2	0	/	/	/	/	/
3549.98	3550.98	0.2	0	2	3550.724	-44.24	-13	Pass
3550.98	3554.98	0.5	3.98	3	3551.924	-39.36	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_70MHz\_CP-OFDM QPSK\_3514.98MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3479.98	3549.98	0.0051	0	1	3479.980	-68.14	-13	Pass
3549.98	3549.98	0.0051	0	/	/	/	/	/
3549.98	3550.98	0.0051	0	2	3550.367	-37.92	-13	Pass
3550.98	3554.98	0.5	19.91	3	3552.565	-31.59	-13	Pass
3554.98	3555	1	22.92	4	3555.000	-40.73	-13	Pass

## 1.7 30k\_SISO\_80MHz\_NTNV

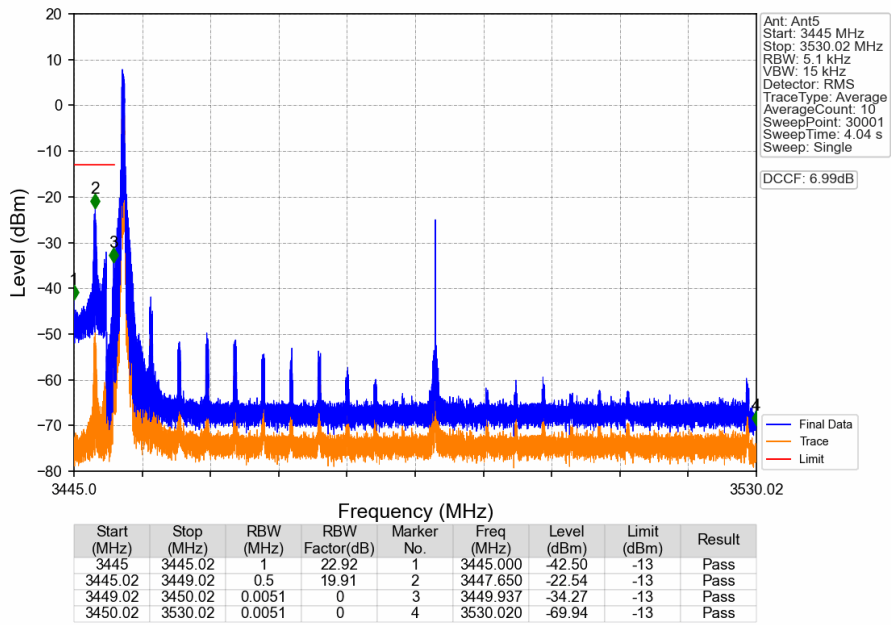
### 1.7.1 Test Result

5G NR n78e SCS=30kHz SISO 80MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant5	Ant2	Sum		Limit
DFT-s-OFDM QPSK	3490.02	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass	
		3510	Edge_1RB_Right	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3490.02	Inner_1RB_Right	Refer To Test Graph			Pass	
		Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
	3500.01	Inner_1RB_Left	Refer To Test Graph			Pass	
		3510	Edge_1RB_Left	Refer To Test Graph			Pass
			Edge_1RB_Right	Refer To Test Graph			Pass
3510	Outer_Full	Refer To Test Graph			Pass		
	Inner_1RB_Right	Refer To Test Graph			Pass		

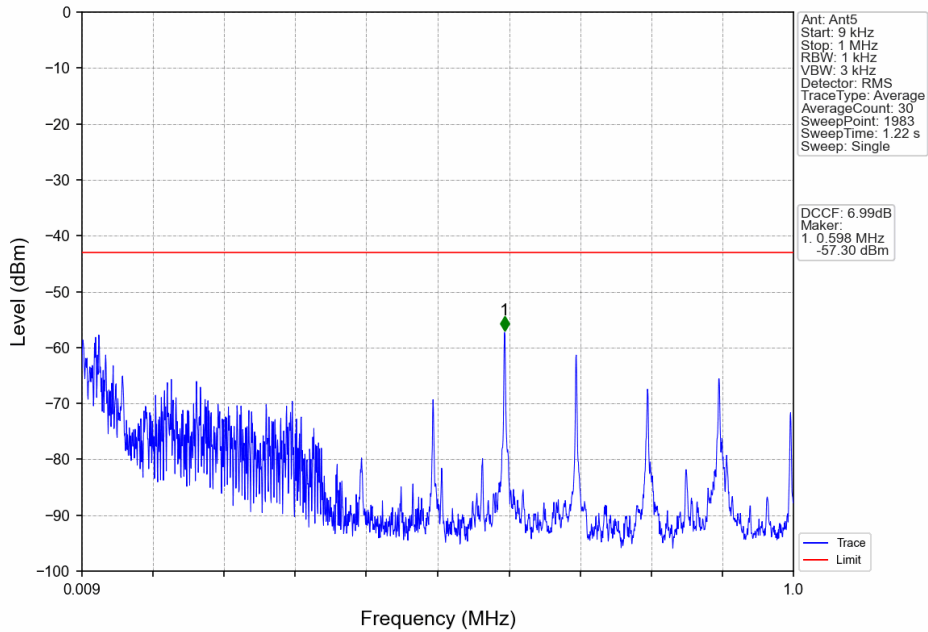


### 1.7.2 Test Graph

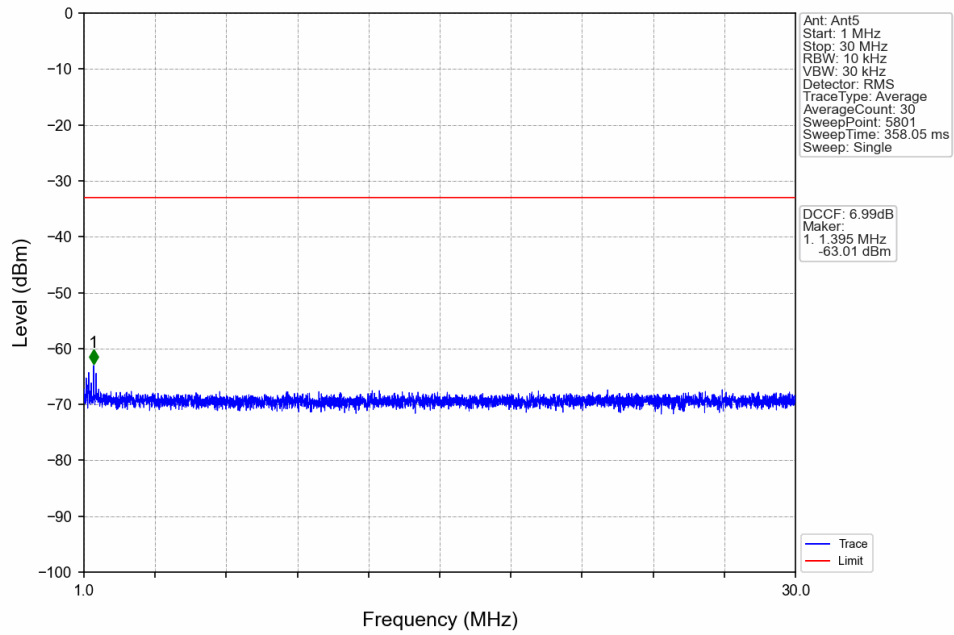
n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3490.02MHz\_Edge\_1RB\_Left



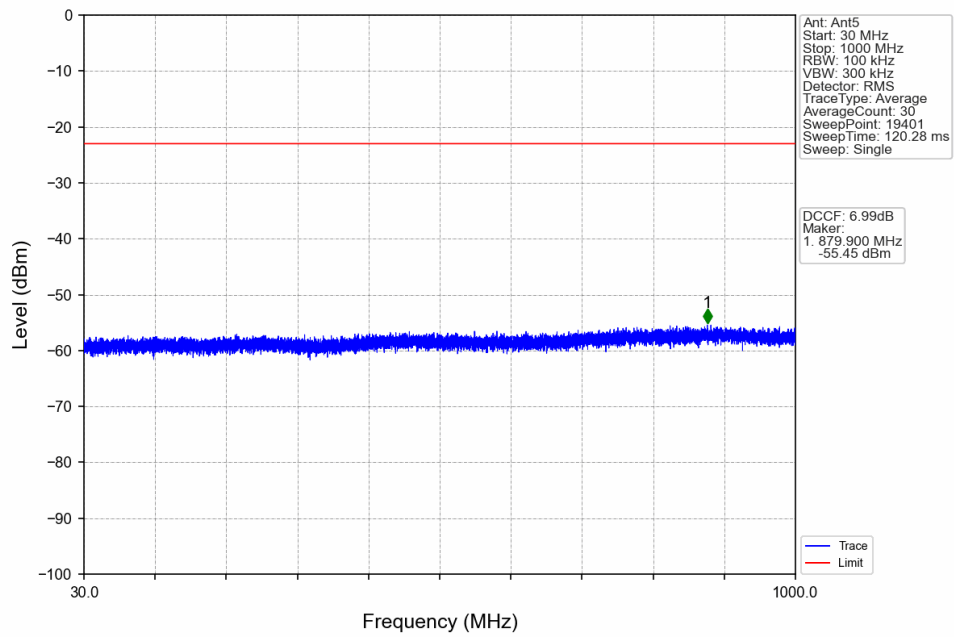
n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3490.02MHz\_Edge\_1RB\_Left



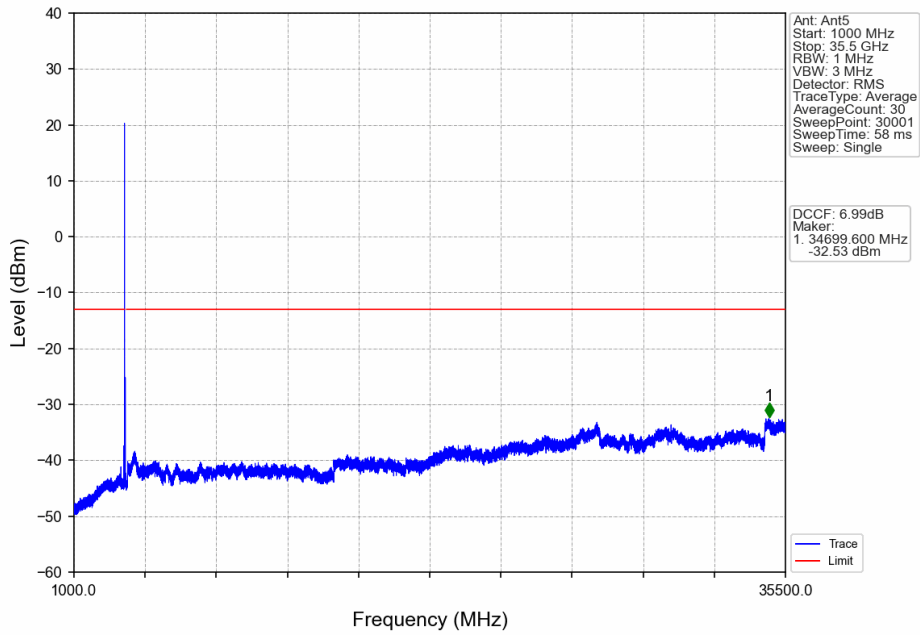
n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3490.02MHz\_Edge\_1RB\_Left



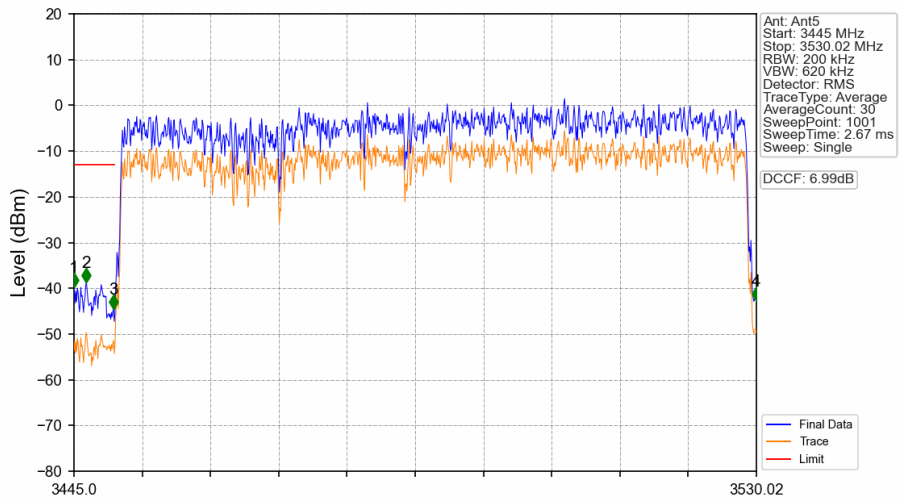
n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3490.02MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3490.02MHz\_Edge\_1RB\_Left

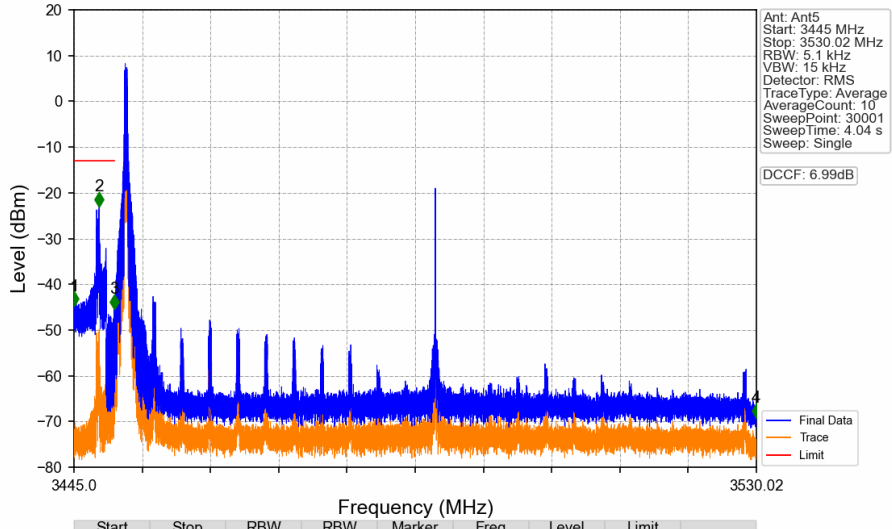


n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3490.02MHz\_Outer\_Full



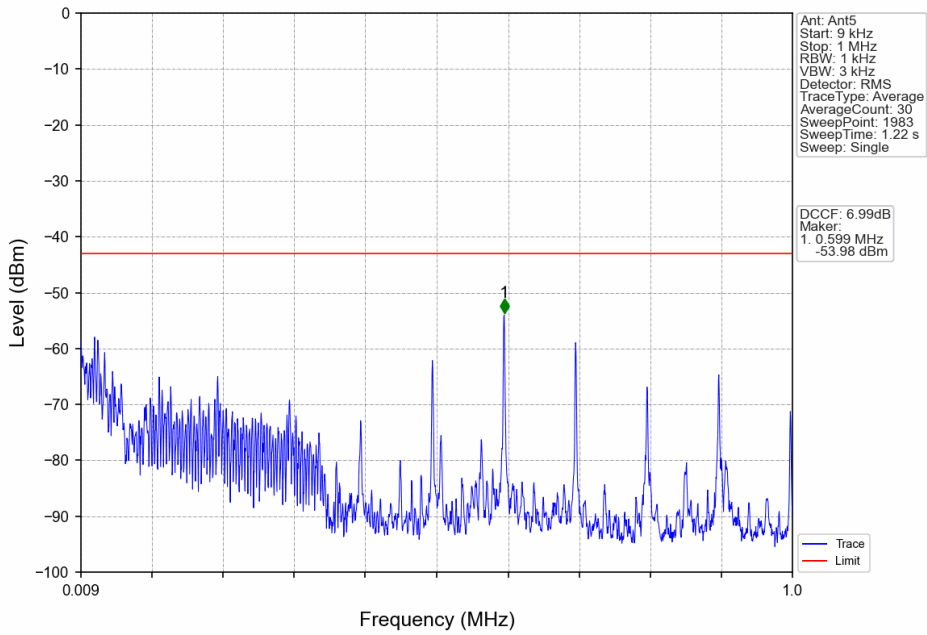
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.02	1	6.99	1	3445.000	-39.76	-13	Pass
3445.02	3449.02	0.5	3.98	2	3446.530	-38.75	-13	Pass
3449.02	3450.02	0.2	0	3	3449.931	-44.50	-13	Pass
3450.02	3530.02	0.2	0	4	3530.020	-42.75	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3490.02MHz\_Inner\_1RB\_Left

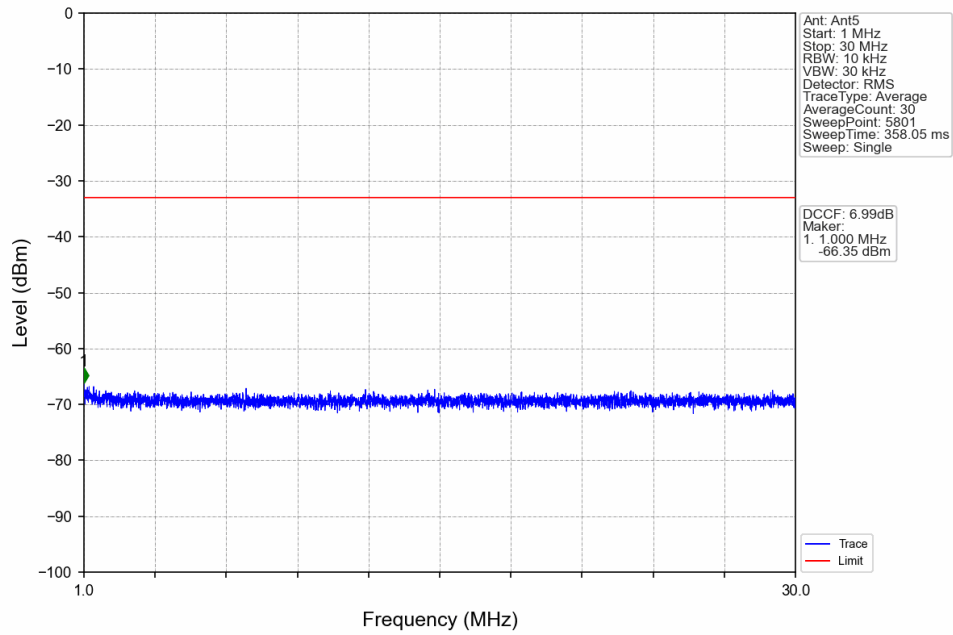


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.02	1	22.92	1	3445.014	-44.77	-13	Pass
3445.02	3449.02	0.5	19.91	2	3448.132	-22.97	-13	Pass
3449.02	3450.02	0.0051	0	3	3450.016	-45.37	-13	Pass
3450.02	3530.02	0.0051	0	4	3530.020	-69.18	-13	Pass

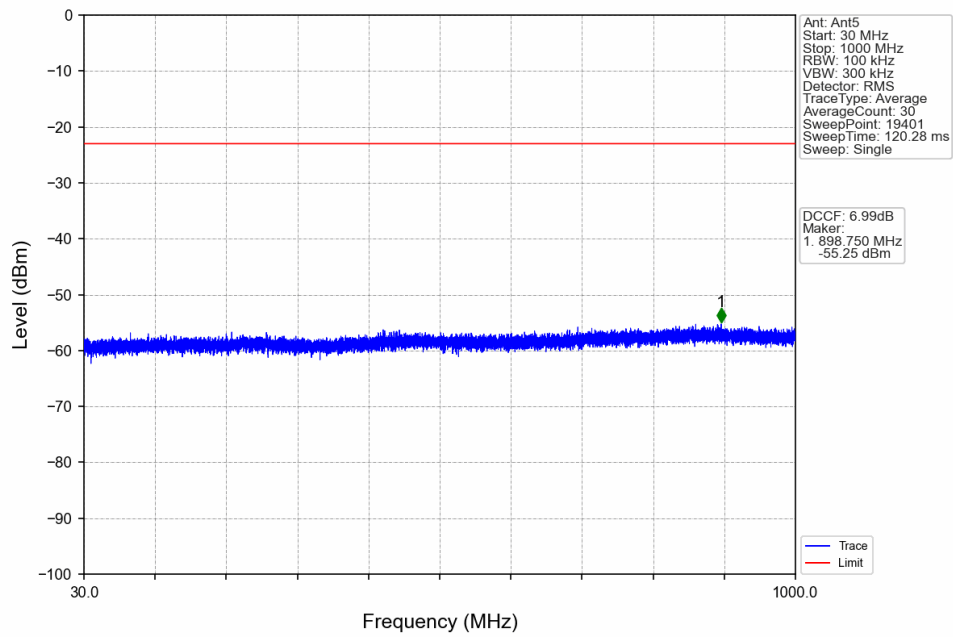
n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



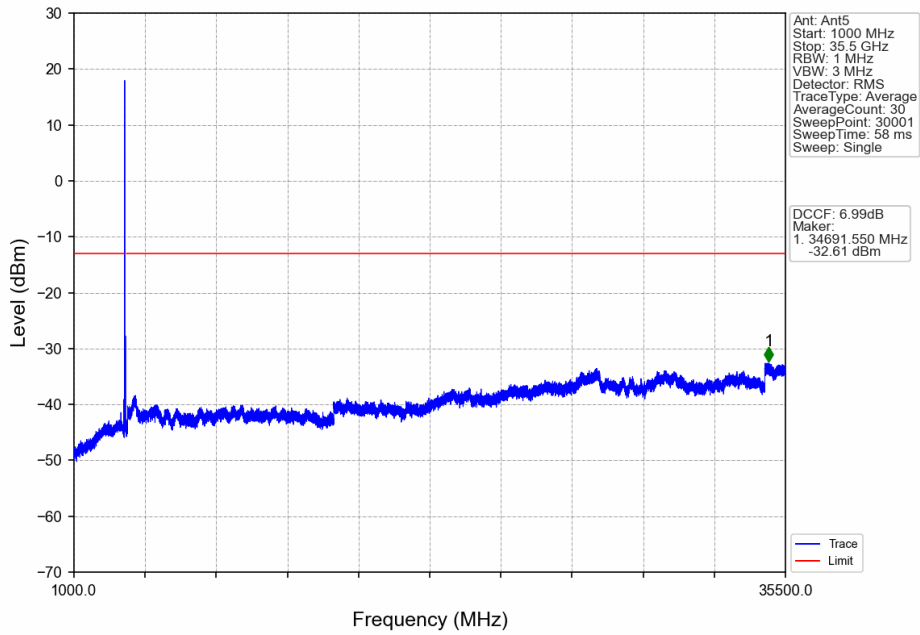
n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



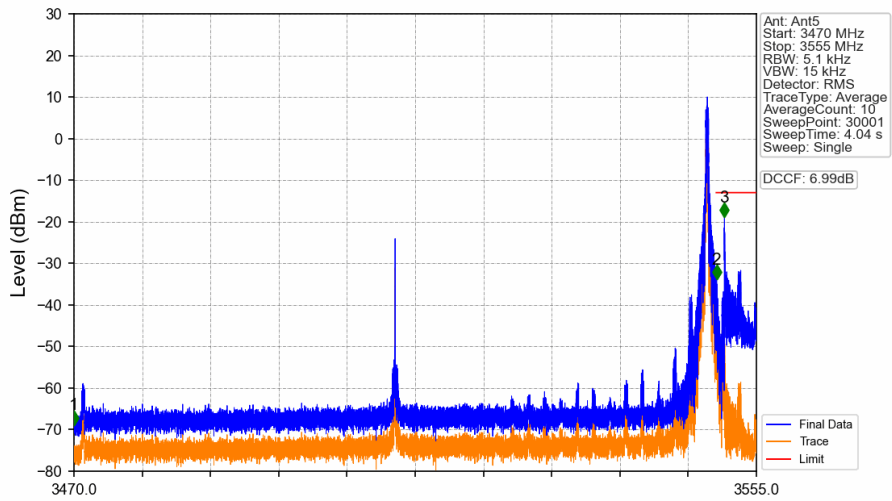
n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left

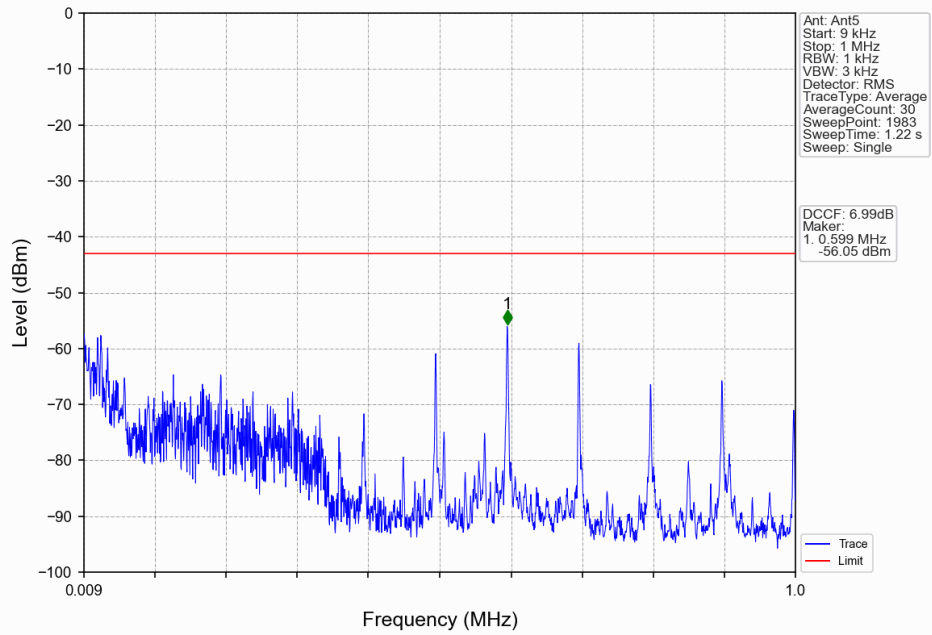


n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3510MHz\_Edge\_1RB\_Right

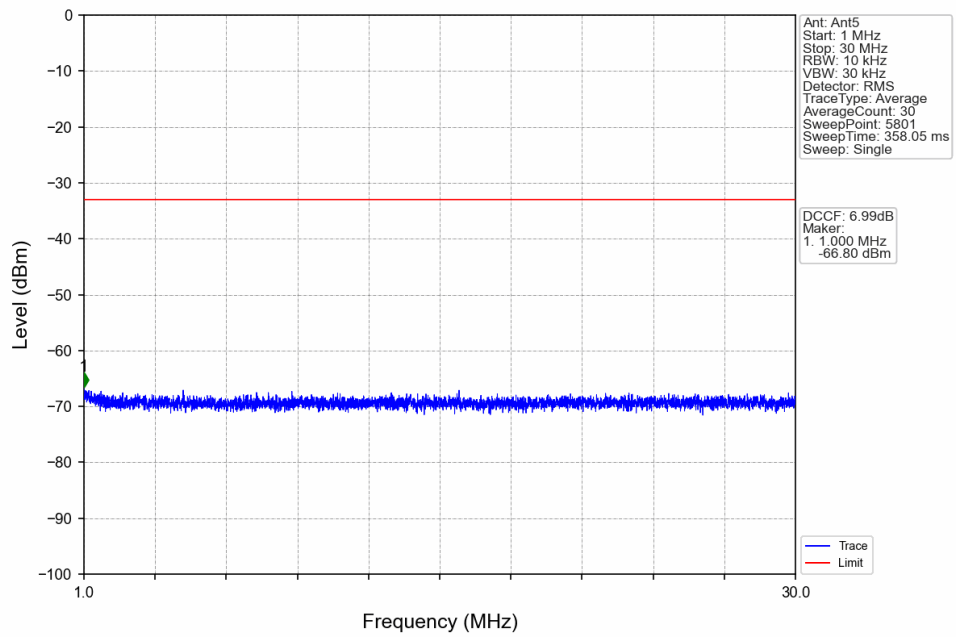


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3550	0.0051	0	1	3470.000	-68.86	-13	Pass
3550	3550	0.0051	0	/	/	/	/	/
3550	3551	0.0051	0	2	3550.044	-33.88	-13	Pass
3551	3555	0.5	19.91	3	3551.019	-18.94	-13	Pass

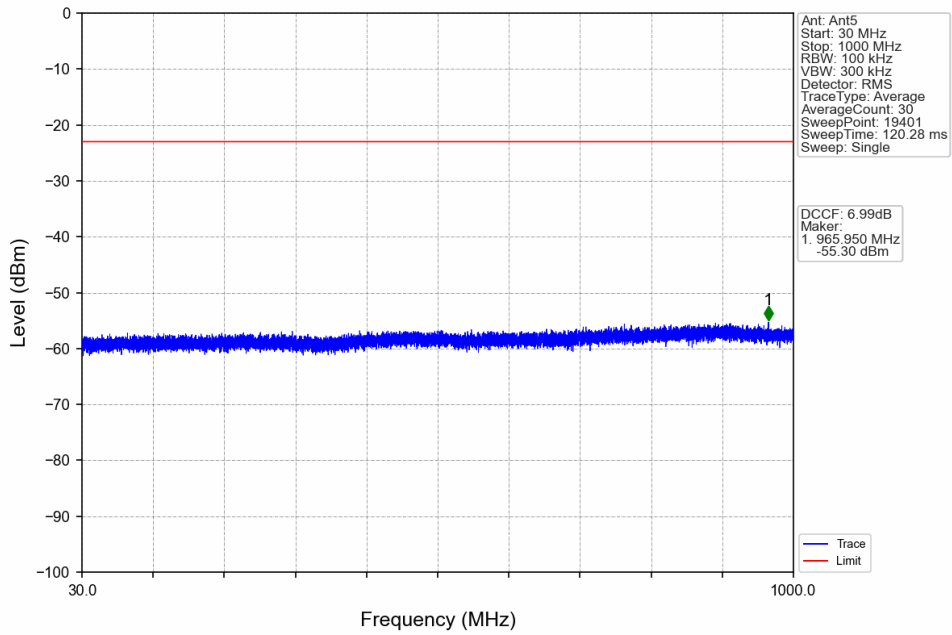
n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3510MHz\_Edge\_1RB\_Right



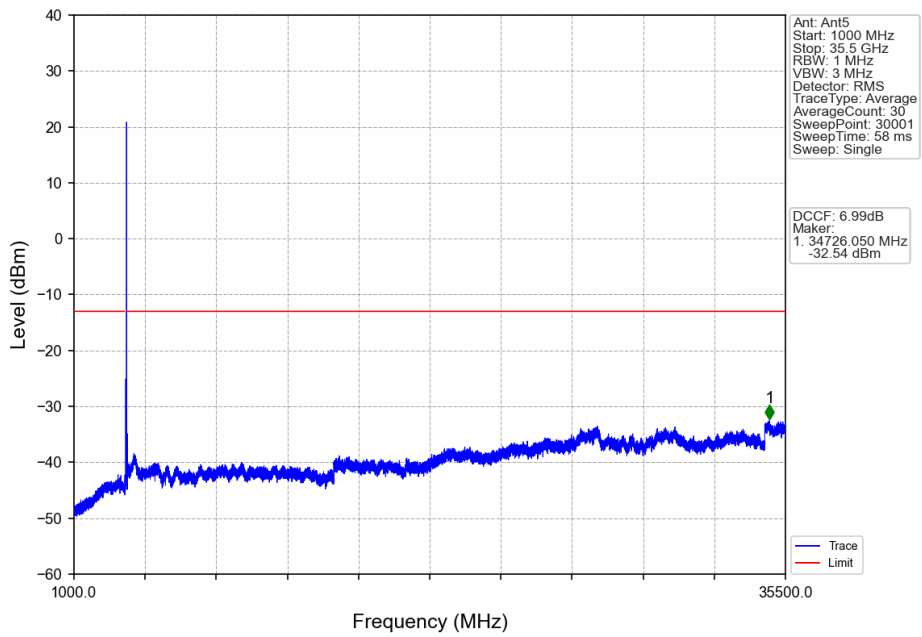
n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3510MHz\_Edge\_1RB\_Right



n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3510MHz\_Edge\_1RB\_Right

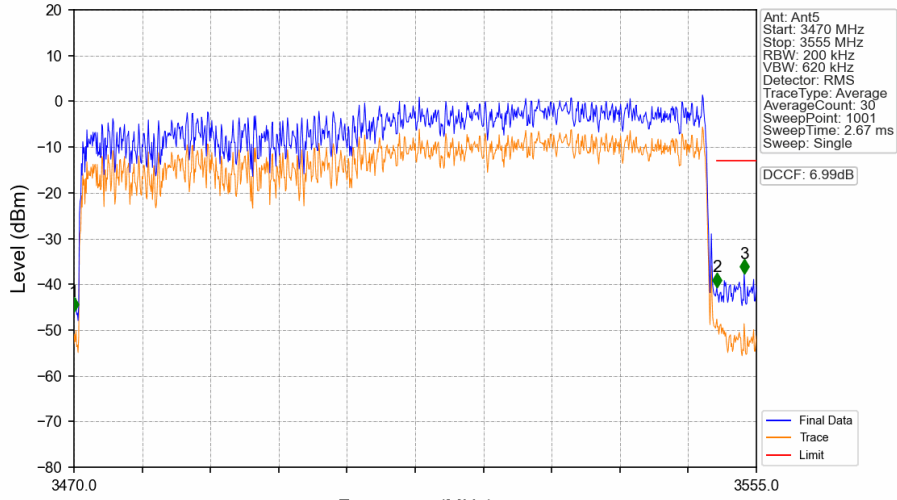


n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3510MHz\_Edge\_1RB\_Right



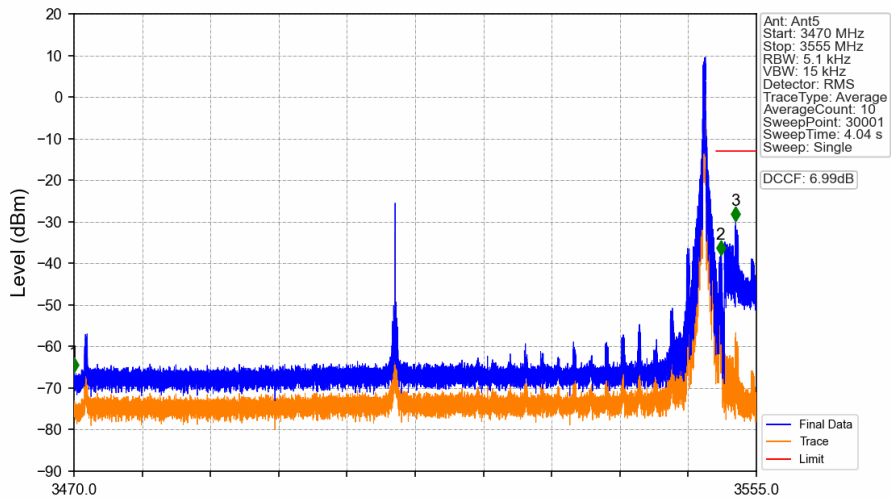


n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3510MHz\_Outer\_Full



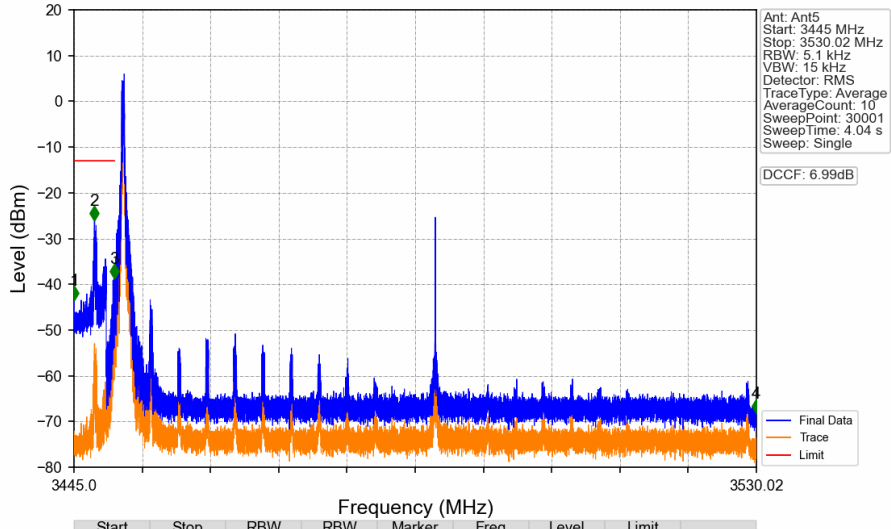
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3550	0.2	0	1	3470.000	-46.00	-13	Pass
3550	3550	0.2	0	/	/	/	/	/
3550	3551	0.2	0	2	3550.070	-40.60	-13	Pass
3551	3555	0.5	3.98	3	3553.470	-37.65	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_80MHz\_DFT-s-OFDM\_QPSK\_3510MHz\_Inner\_1RB\_Right



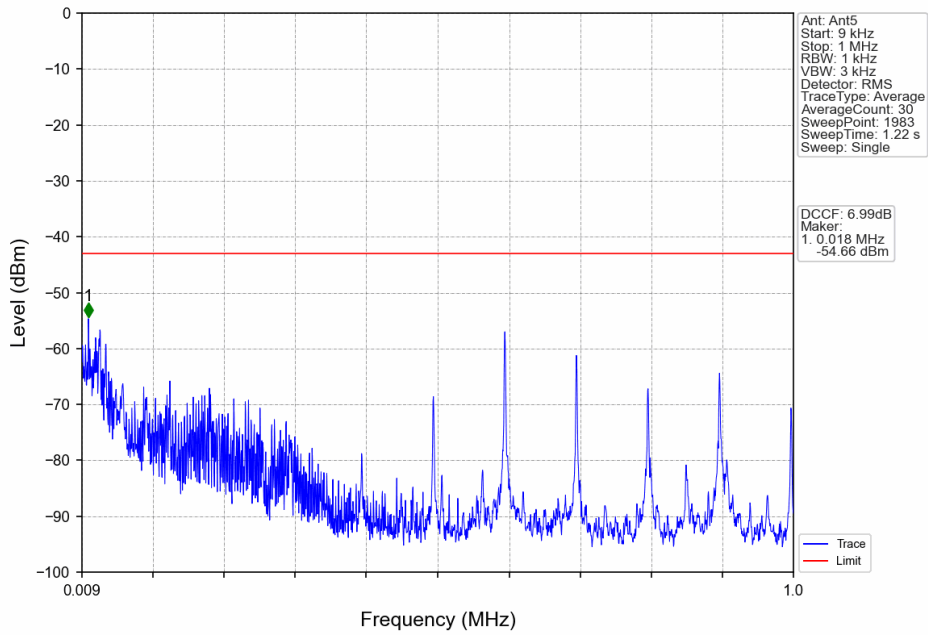
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3550	0.0051	0	1	3470.000	-66.09	-13	Pass
3550	3550	0.0051	0	/	/	/	/	/
3550	3551	0.0051	0	2	3550.529	-37.91	-13	Pass
3551	3555	0.5	19.91	3	3552.422	-29.77	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3490.02MHz\_Edge\_1RB\_Left

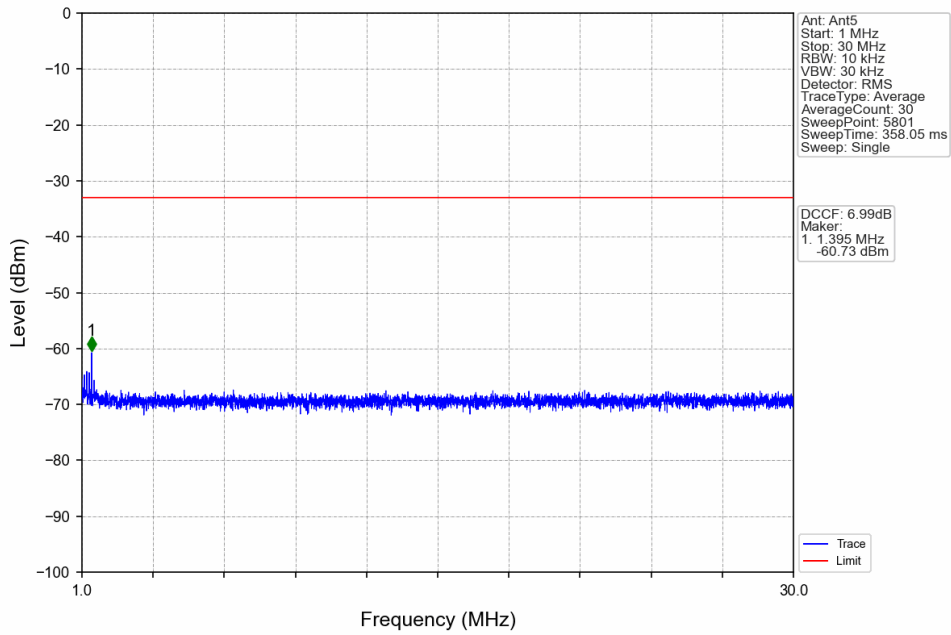


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.02	1	22.92	1	3445.020	-43.49	-13	Pass
3445.02	3449.02	0.5	19.91	2	3447.545	-26.09	-13	Pass
3449.02	3450.02	0.0051	0	3	3449.999	-38.72	-13	Pass
3450.02	3530.02	0.0051	0	4	3530.020	-68.16	-13	Pass

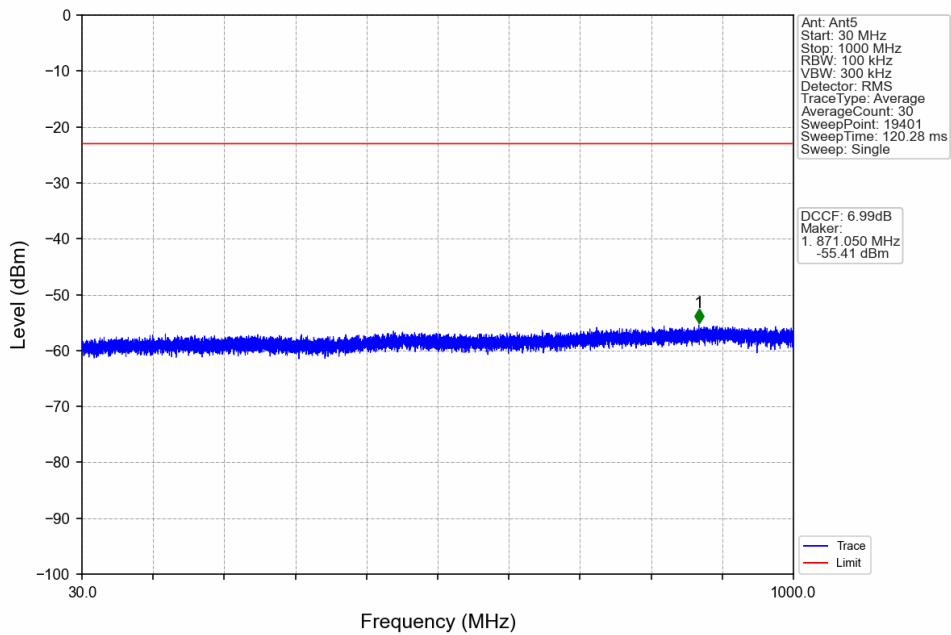
n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3490.02MHz\_Edge\_1RB\_Left



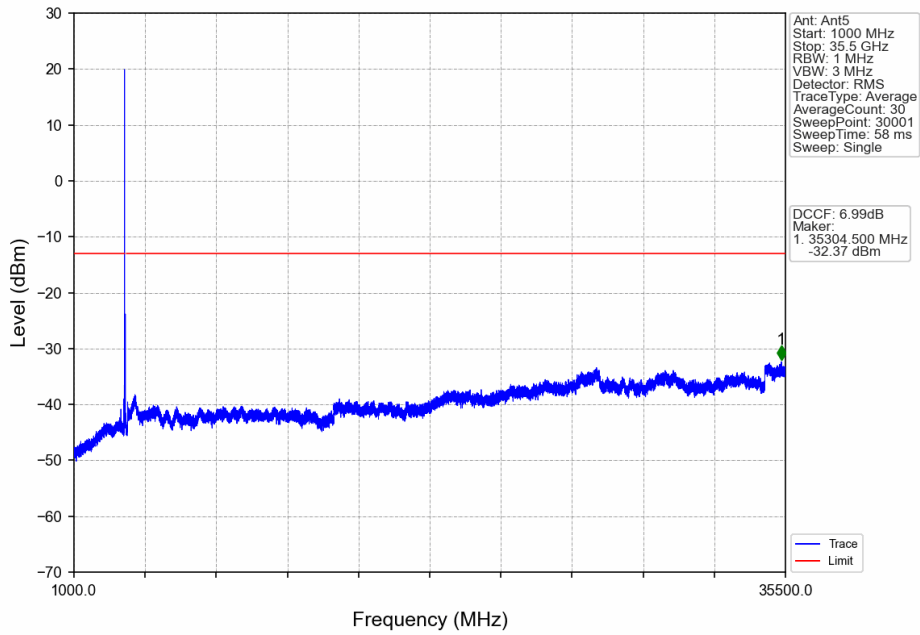
n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3490.02MHz\_Edge\_1RB\_Left



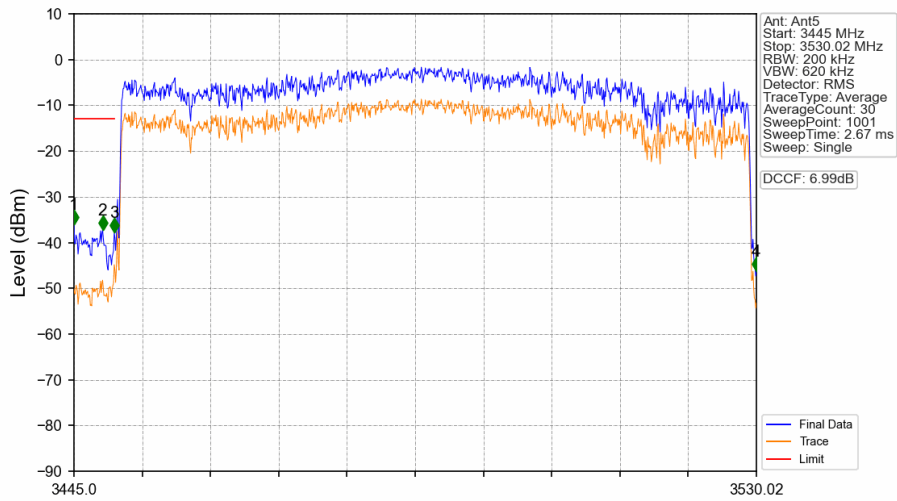
n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3490.02MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3490.02MHz\_Edge\_1RB\_Left

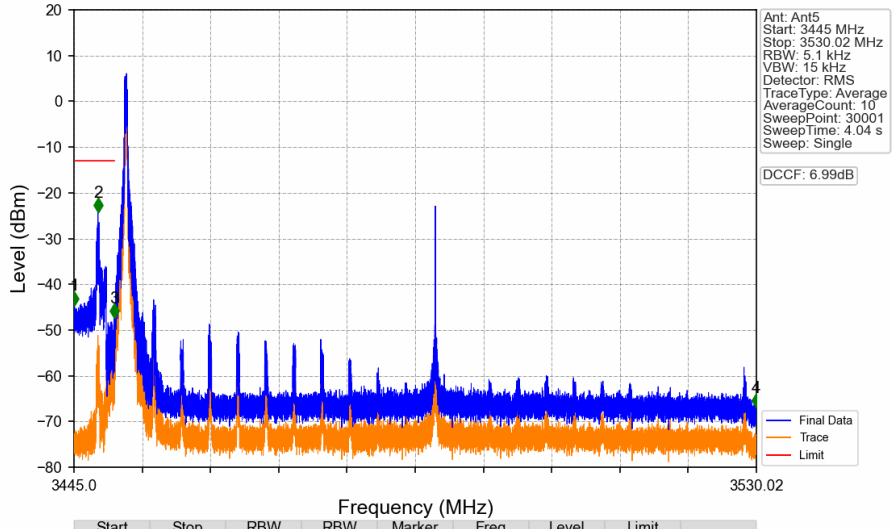


n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3490.02MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.02	1	6.99	1	3445.000	-36.09	-13	Pass
3445.02	3449.02	0.5	3.98	2	3448.571	-37.27	-13	Pass
3449.02	3450.02	0.2	0	3	3450.016	-37.86	-13	Pass
3450.02	3530.02	0.2	0	4	3530.020	-46.24	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3490.02MHz\_Inner\_1RB\_Left

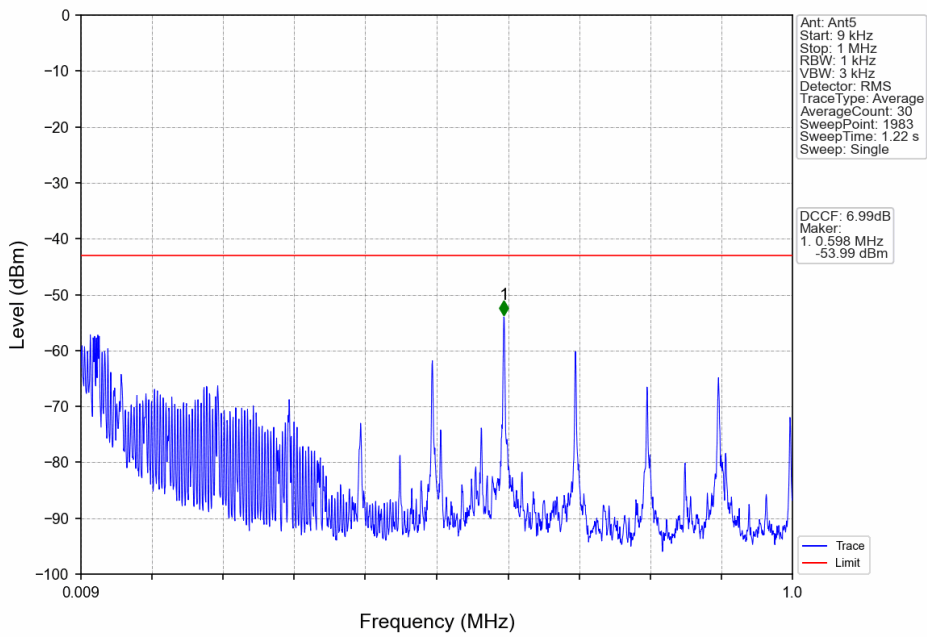


Ant: Ant5  
 Start: 3445 MHz  
 Stop: 3530.02 MHz  
 RBW: 5.1 kHz  
 VBW: 15 kHz  
 Detector: RMS  
 Trace Type: Average  
 AverageCount: 10  
 SweepPoint: 30001  
 SweepTime: 4.04 s  
 Sweep: Single

DCCF: 6.99dB

Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.02	1	22.92	1	3445.017	-44.64	-13	Pass
3445.02	3449.02	0.5	19.91	2	3447.987	-24.26	-13	Pass
3449.02	3450.02	0.0051	0	3	3449.996	-47.42	-13	Pass
3450.02	3530.02	0.0051	0	4	3530.020	-66.96	-13	Pass

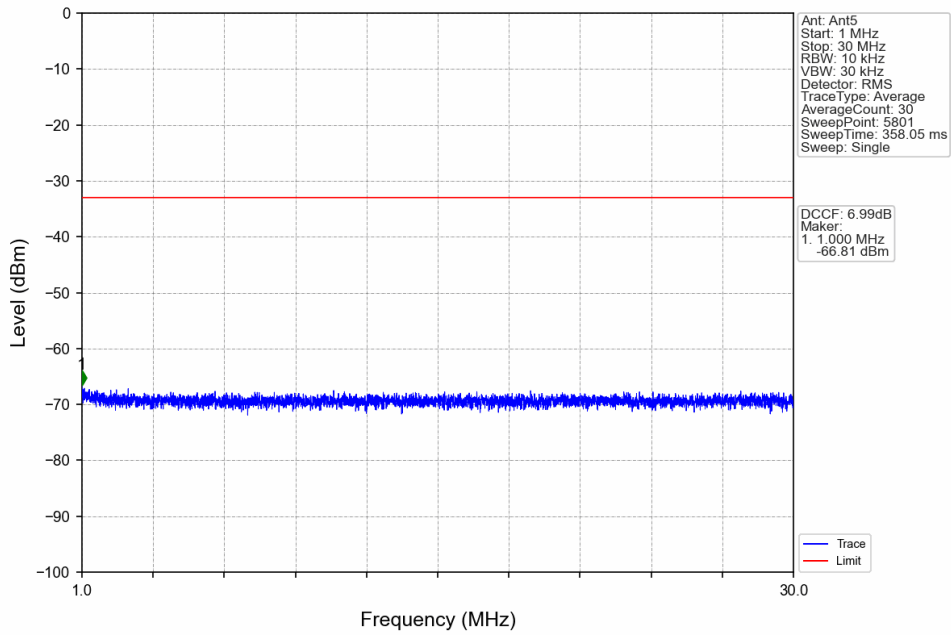
n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



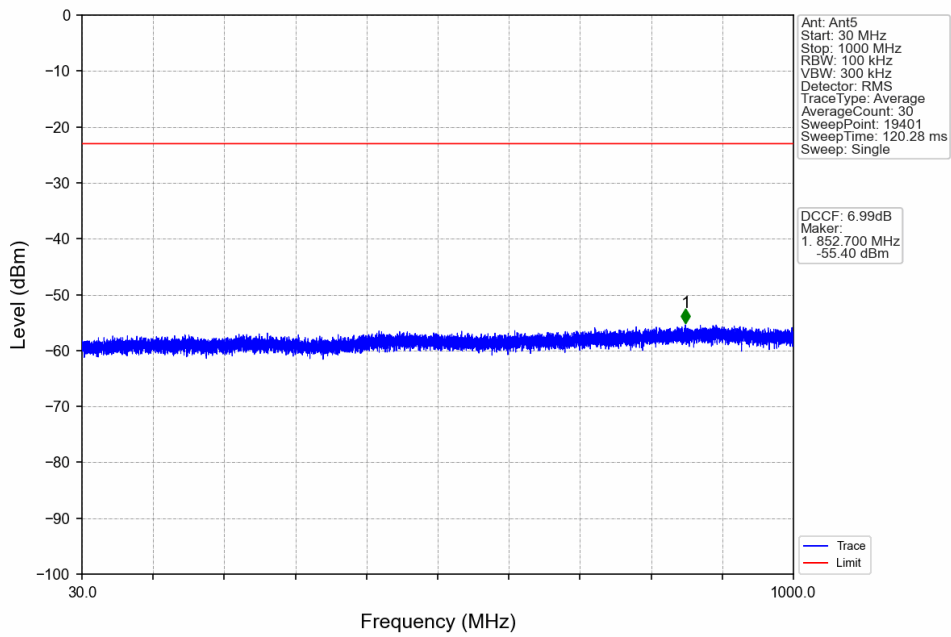
Ant: Ant5  
 Start: 9 kHz  
 Stop: 1 MHz  
 RBW: 1 kHz  
 VBW: 3 kHz  
 Detector: RMS  
 Trace Type: Average  
 AverageCount: 30  
 SweepPoint: 1983  
 SweepTime: 1.22 s  
 Sweep: Single

DCCF: 6.99dB  
 Marker  
 1. 0.598 MHz  
 -53.99 dBm

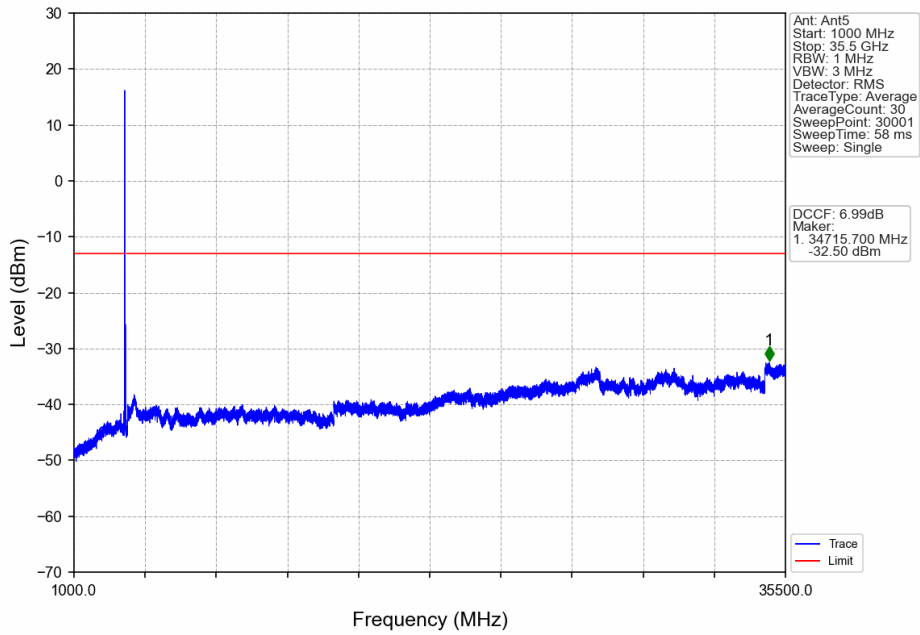
n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



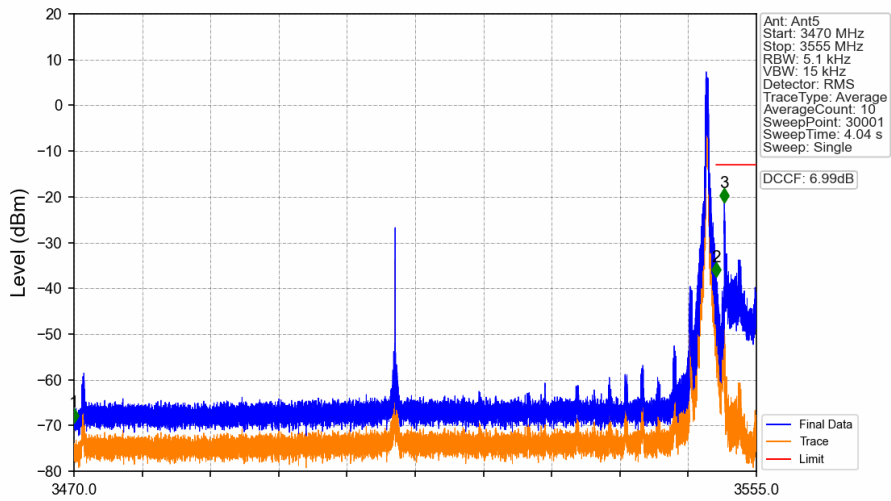
n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3500.01MHz\_Edge\_1RB\_Left

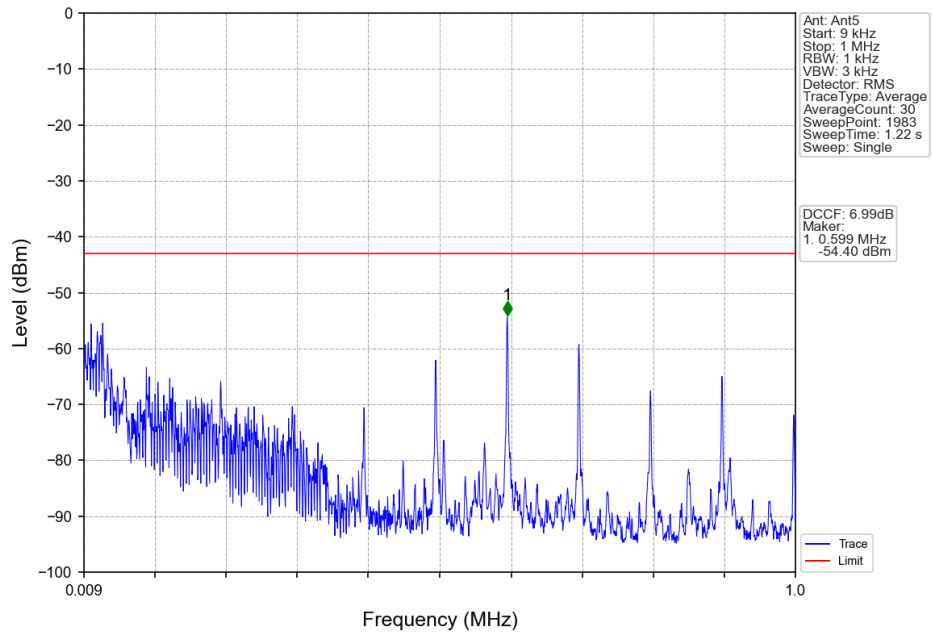


n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM QPSK\_3510MHz\_Edge\_1RB\_Right

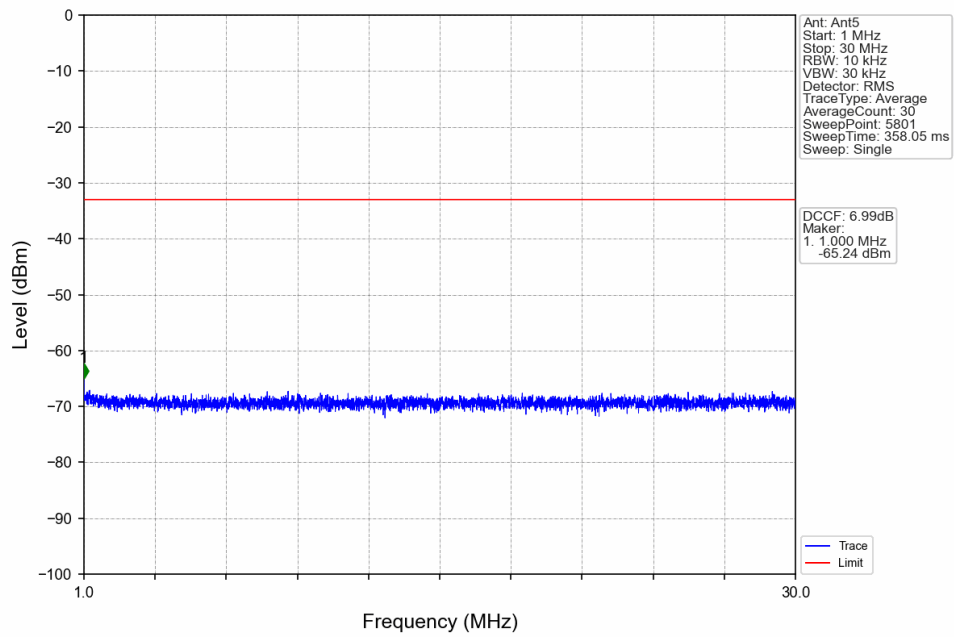


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3550	0.0051	0	1	3470.000	-69.34	-13	Pass
3550	3550	0.0051	0	/	/	/	/	/
3550	3551	0.0051	0	2	3550.025	-37.51	-13	Pass
3551	3555	0.5	19.91	3	3551.002	-21.27	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3510MHz\_Edge\_1RB\_Right

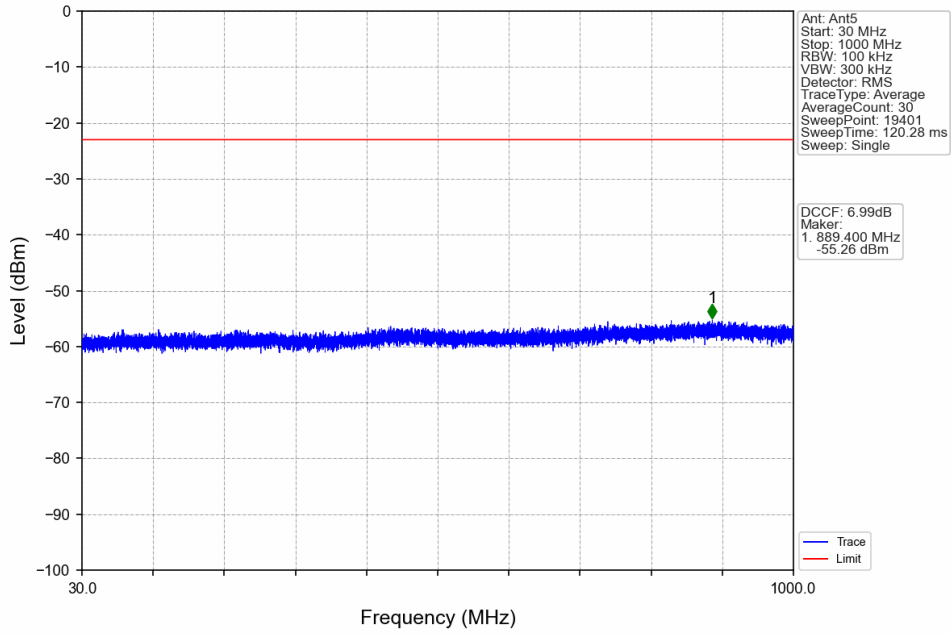


n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3510MHz\_Edge\_1RB\_Right

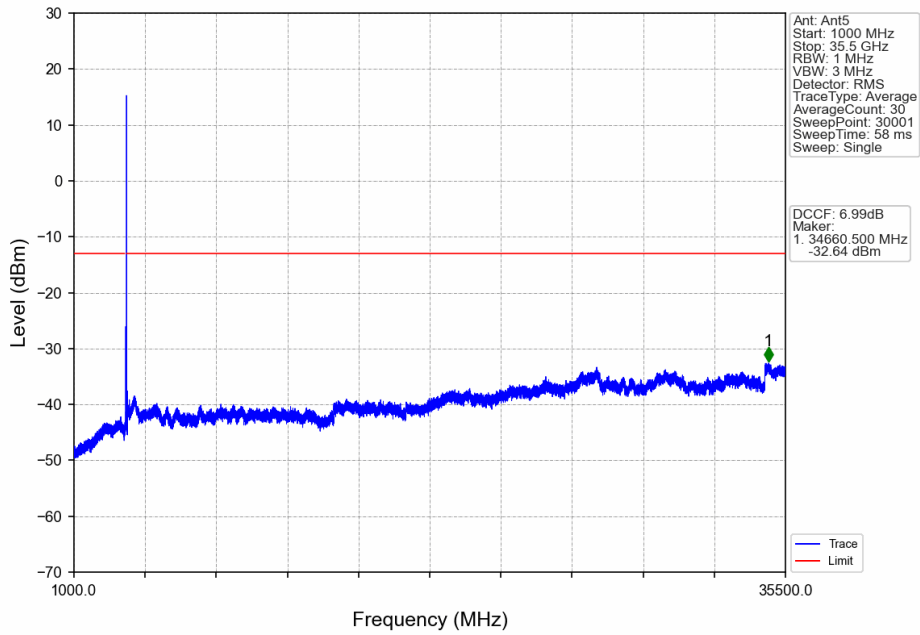




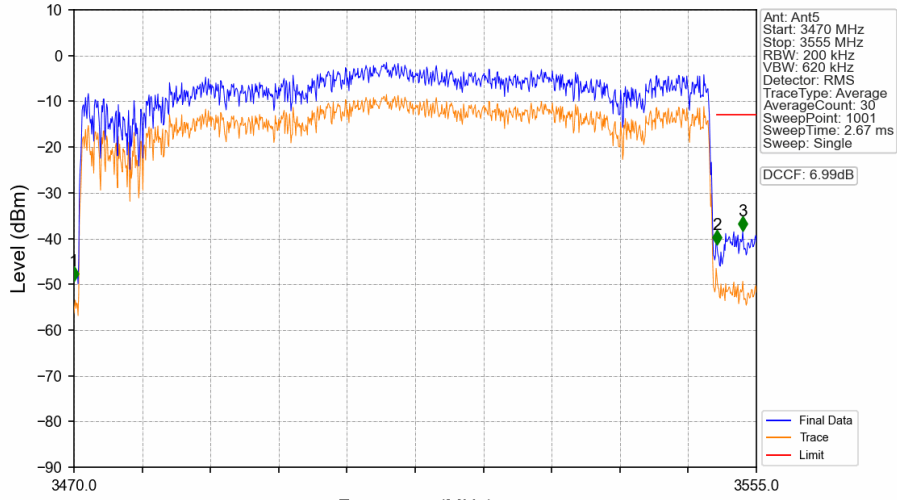
n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3510MHz\_Edge\_1RB\_Right



n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3510MHz\_Edge\_1RB\_Right

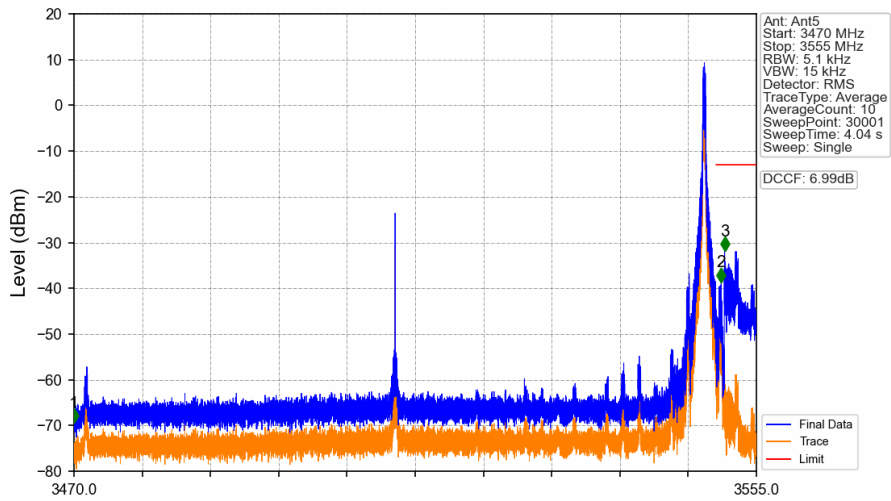


n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3510MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3550	0.2	0	1	3470.000	-49.31	-13	Pass
3550	3550	0.2	0	/	/	/	/	/
3550	3551	0.2	0	2	3550.070	-41.29	-13	Pass
3551	3555	0.5	3.98	3	3553.300	-38.38	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_80MHz\_CP-OFDM\_QPSK\_3510MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3550	0.0051	0	1	3470.000	-69.44	-13	Pass
3550	3550	0.0051	0	/	/	/	/	/
3550	3551	0.0051	0	2	3550.617	-38.65	-13	Pass
3551	3555	0.5	19.91	3	3551.039	-31.92	-13	Pass

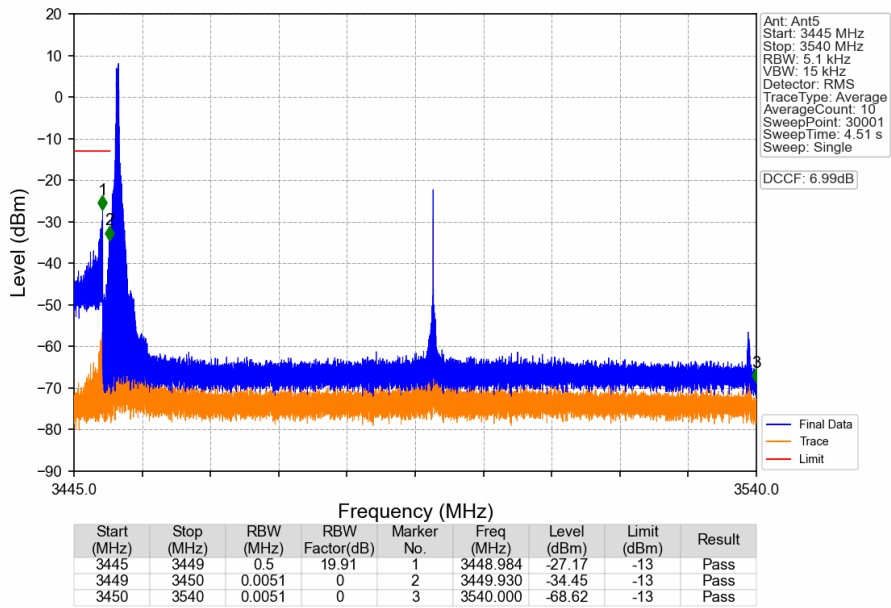
## 1.8 30k\_SISO\_90MHz\_NTNV

### 1.8.1 Test Result

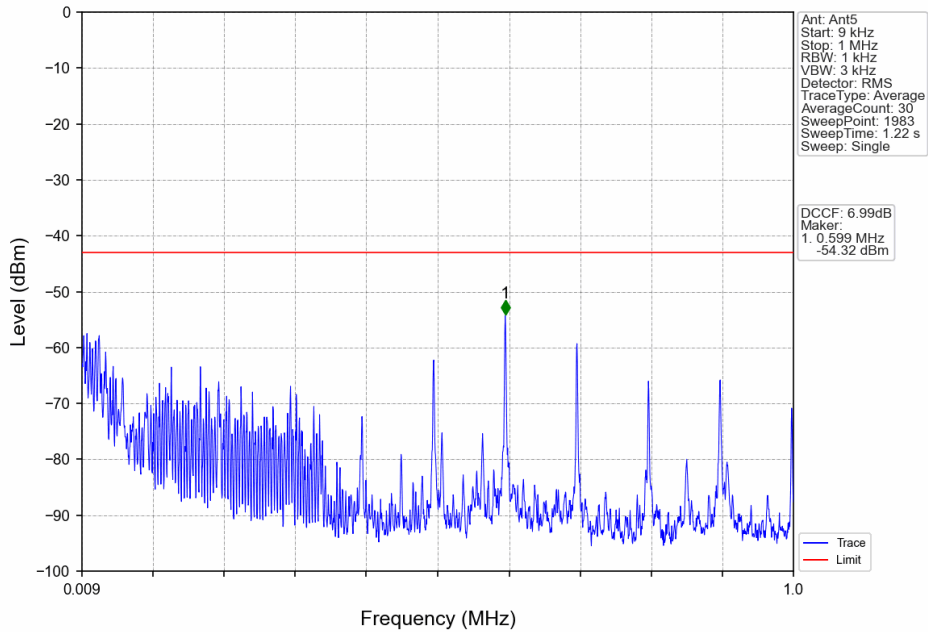
5G NR n78e SCS=30kHz SISO 90MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict	
			Ant5	Ant2	Sum		Limit
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
		Inner_1RB_Left	Refer To Test Graph			Pass	
	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass	
		3504.99	Edge_1RB_Right	Refer To Test Graph			Pass
			Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3495	Inner_1RB_Right	Refer To Test Graph			Pass	
		Edge_1RB_Left	Refer To Test Graph			Pass	
		Outer_Full	Refer To Test Graph			Pass	
	3500.01	Inner_1RB_Left	Refer To Test Graph			Pass	
		Edge_1RB_Left	Refer To Test Graph			Pass	
		3504.99	Edge_1RB_Right	Refer To Test Graph			Pass
	Outer_Full		Refer To Test Graph			Pass	
	Inner_1RB_Right		Refer To Test Graph			Pass	

## 1.8.2 Test Graph

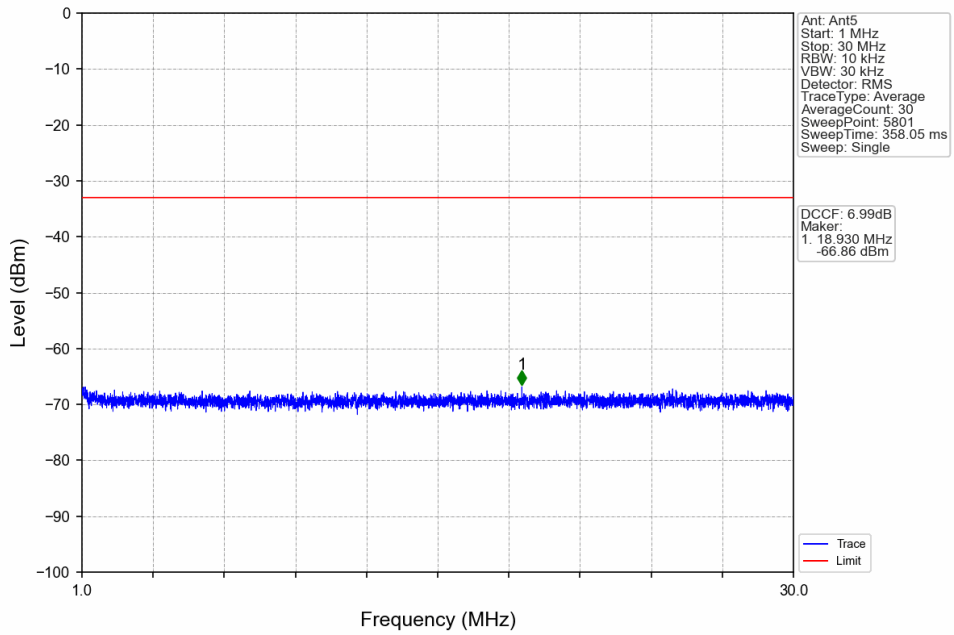
n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3495MHz\_Edge\_1RB\_Left



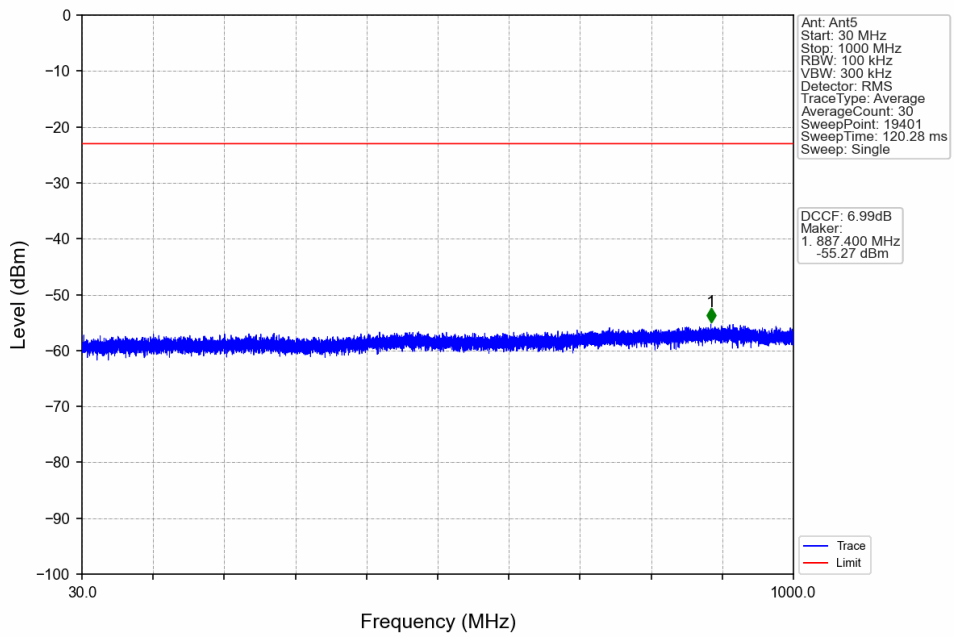
n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3495MHz\_Edge\_1RB\_Left



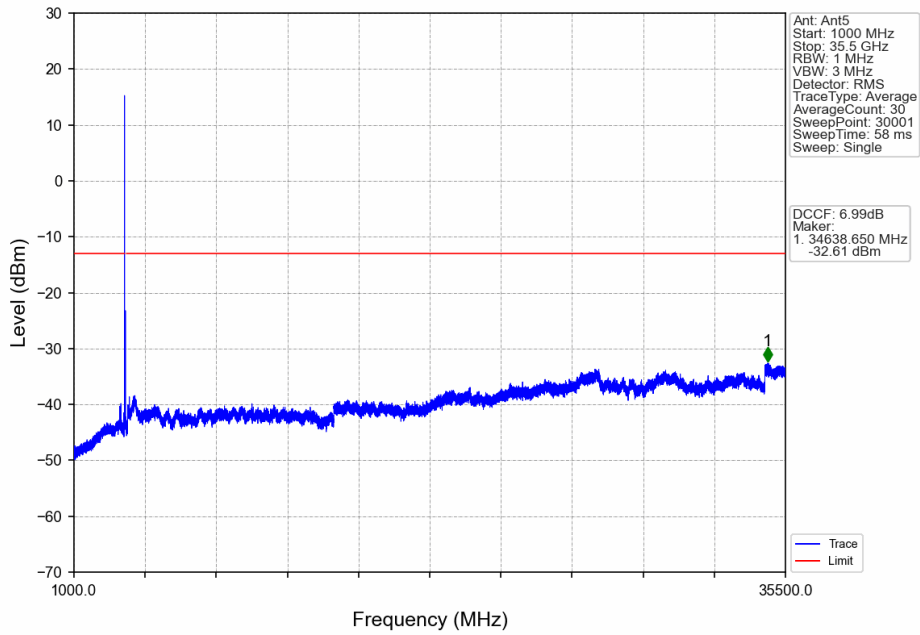
n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3495MHz\_Edge\_1RB\_Left



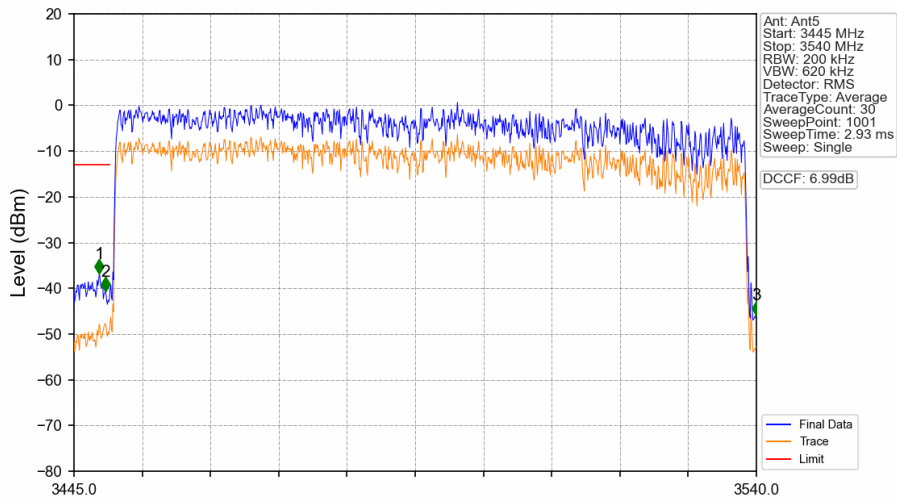
n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3495MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3495MHz\_Edge\_1RB\_Left

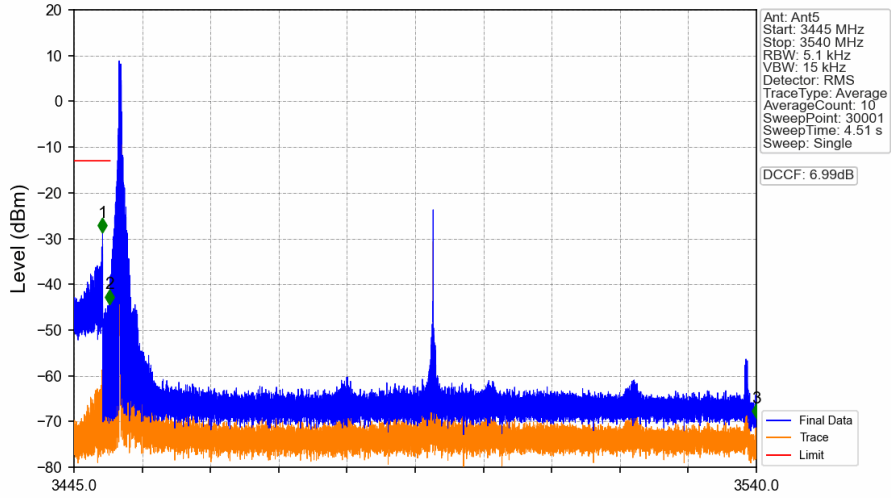


n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3495MHz\_Outer\_Full



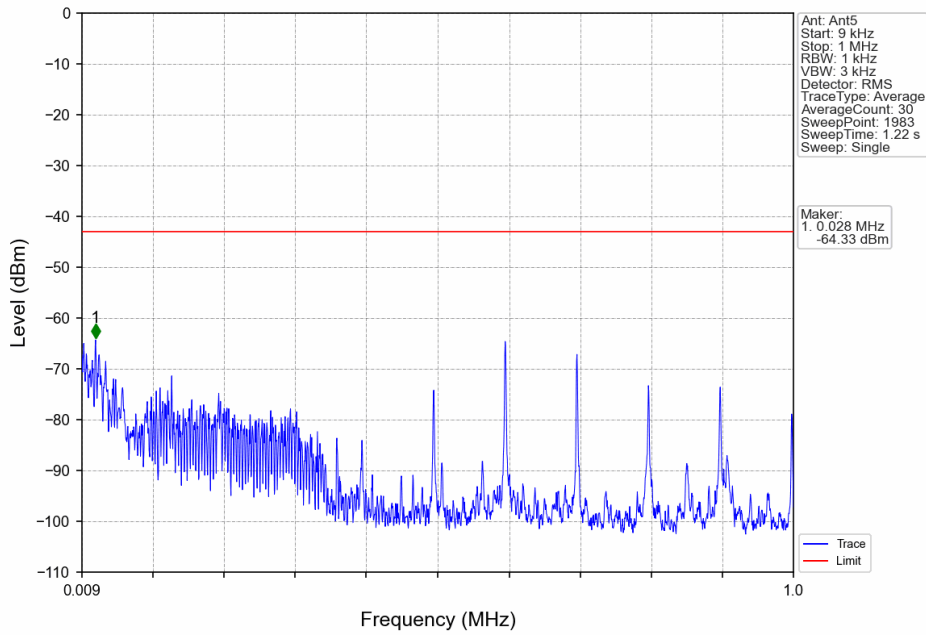
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	3.98	1	3448.515	-36.85	-13	Pass
3449	3450	0.2	0	2	3449.370	-40.68	-13	Pass
3450	3540	0.2	0	3	3540.000	-45.87	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3495MHz\_Inner\_1RB\_Left

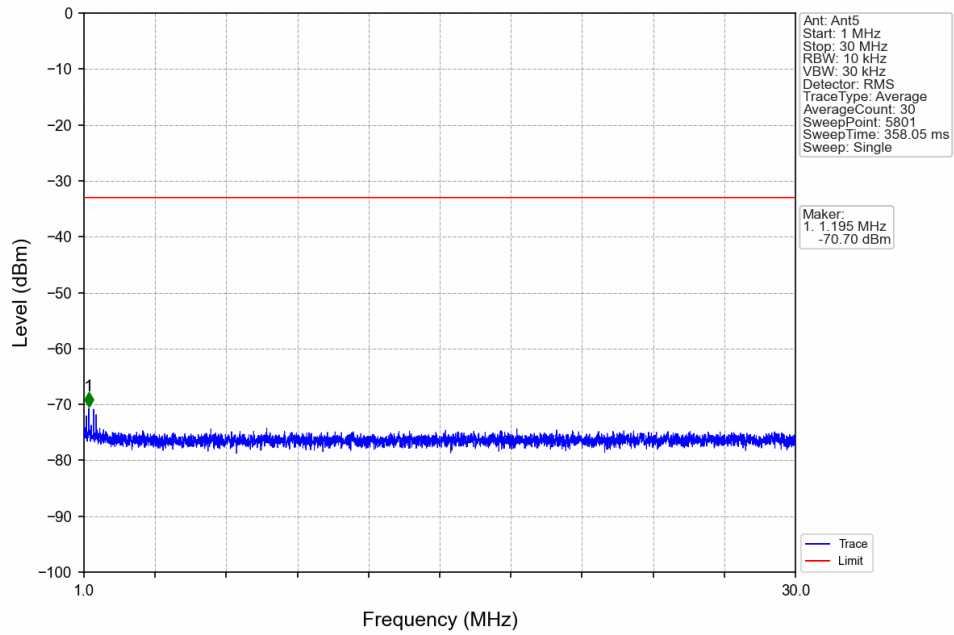


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	19.91	1	3448.984	-28.75	-13	Pass
3449	3450	0.0051	0	2	3449.956	-44.31	-13	Pass
3450	3540	0.0051	0	3	3540.000	-69.19	-13	Pass

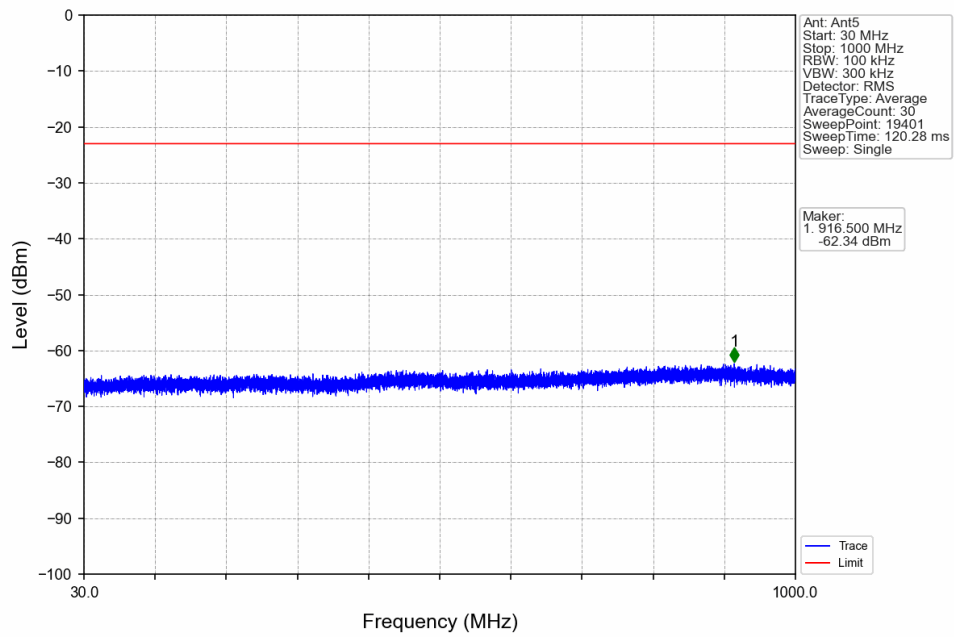
n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left

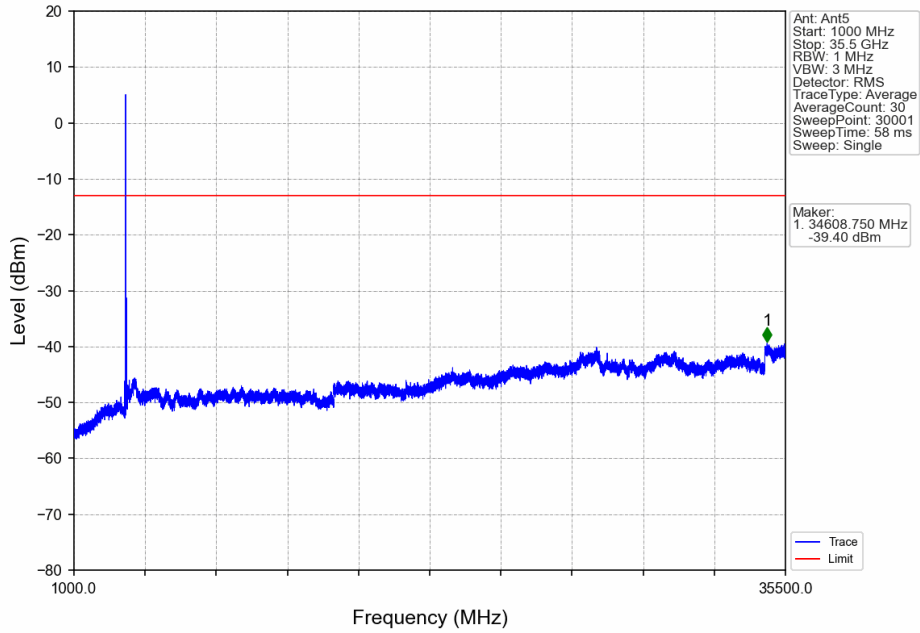


n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left

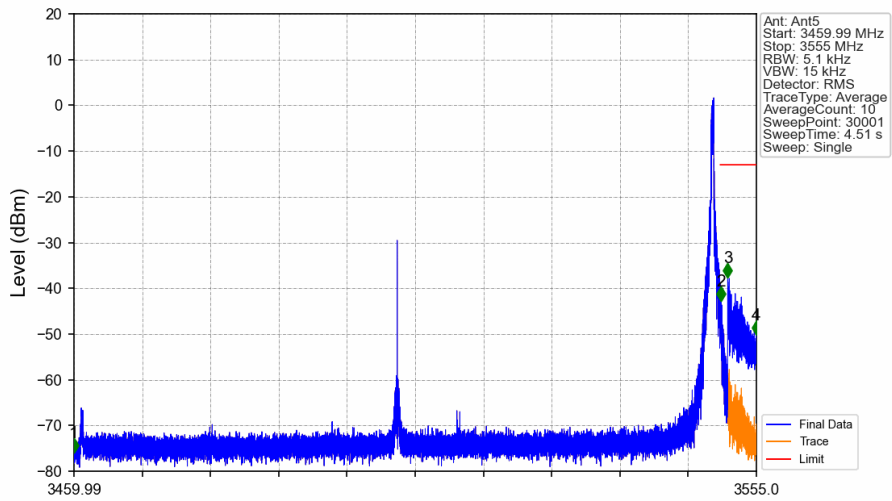




n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left

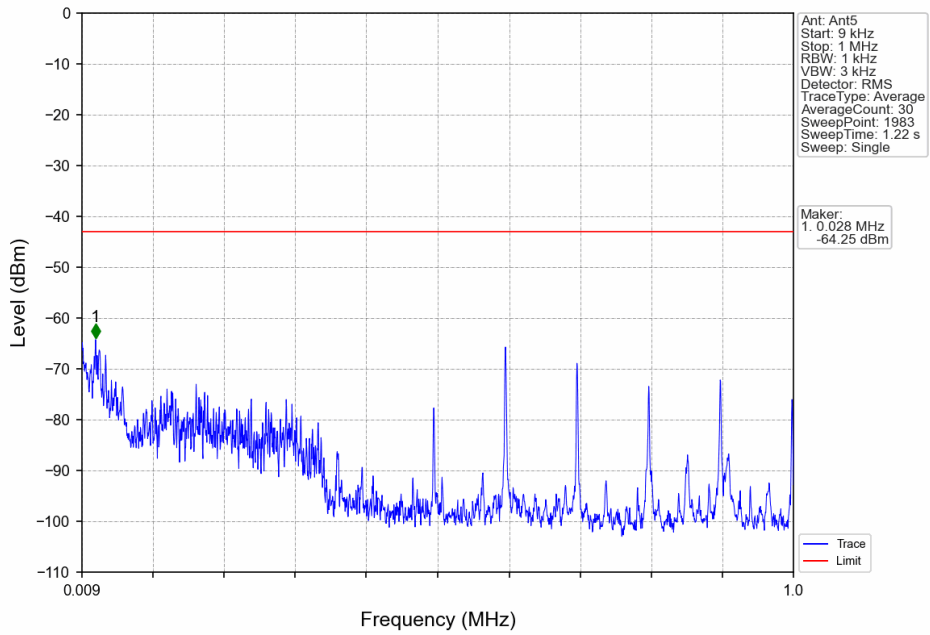


n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3504.99MHz\_Edge\_1RB\_Right

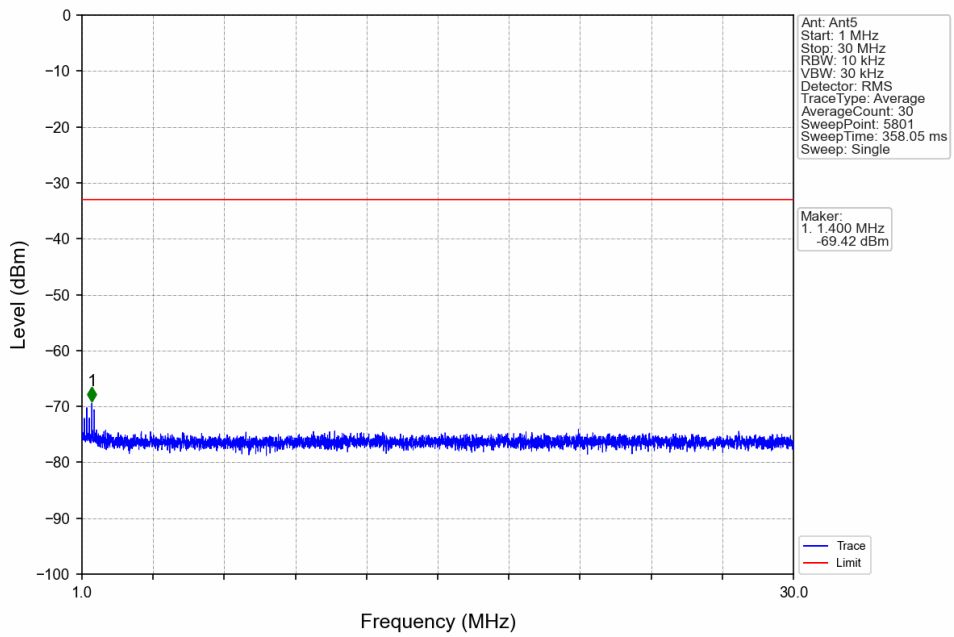


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3459.99	3549.99	0.0051	0	1	3459.990	-75.94	-13	Pass
3459.99	3549.99	0.0051	0	/	/	/	/	/
3459.99	3550.99	0.0051	0	2	3550.050	-42.78	-13	Pass
3550.99	3554.99	0.5	19.91	3	3551.013	-37.70	-13	Pass
3554.99	3555	1	22.92	4	3554.997	-50.21	-13	Pass

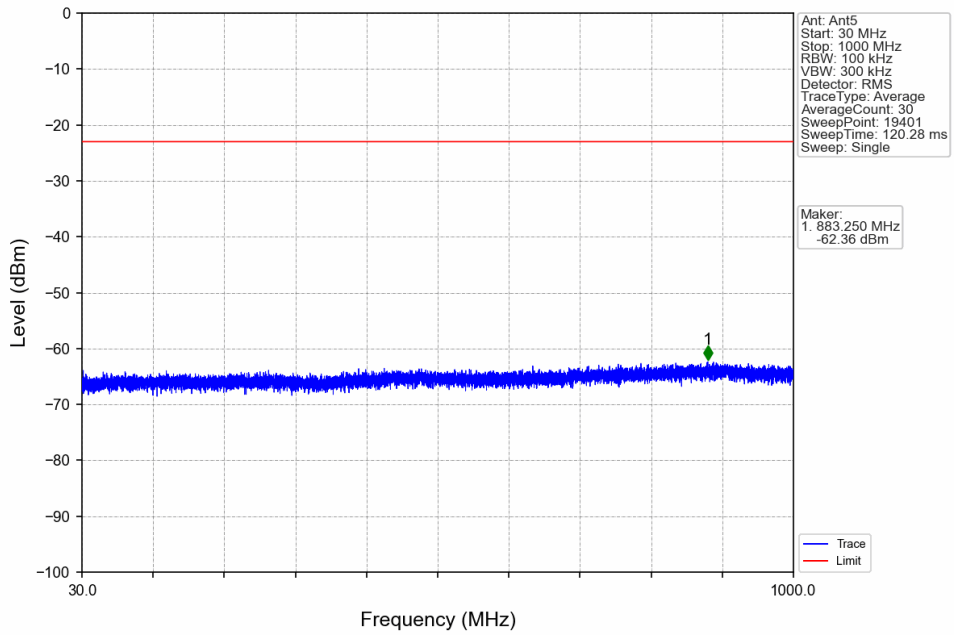
n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3504.99MHz\_Edge\_1RB\_Right



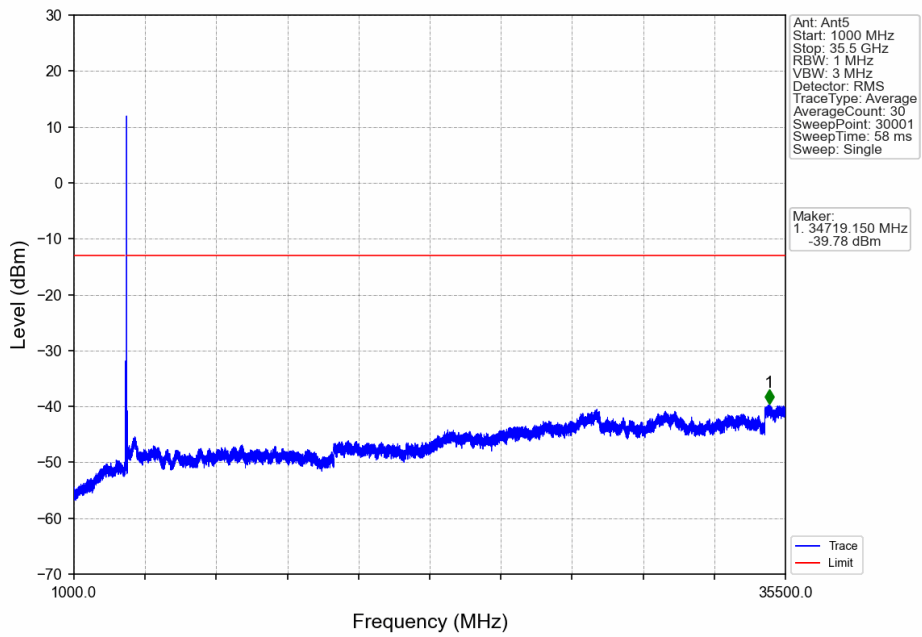
n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3504.99MHz\_Edge\_1RB\_Right



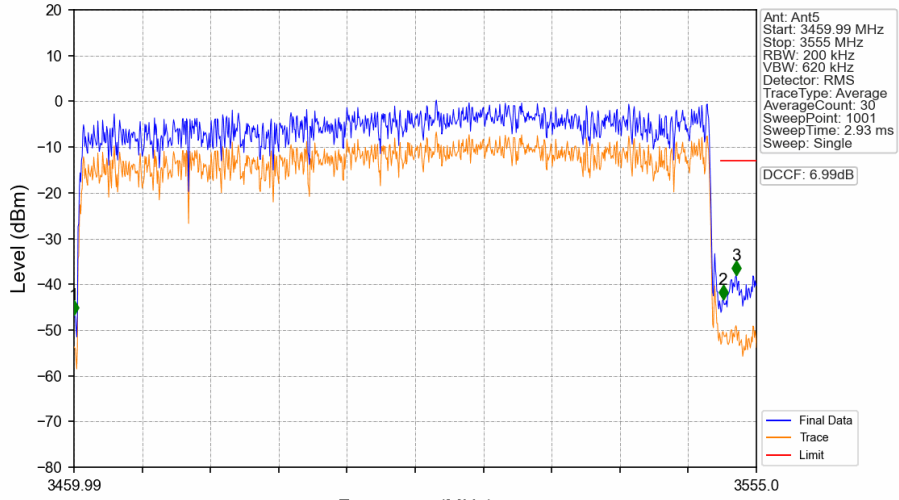
n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3504.99MHz\_Edge\_1RB\_Right



n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM\_QPSK\_3504.99MHz\_Edge\_1RB\_Right

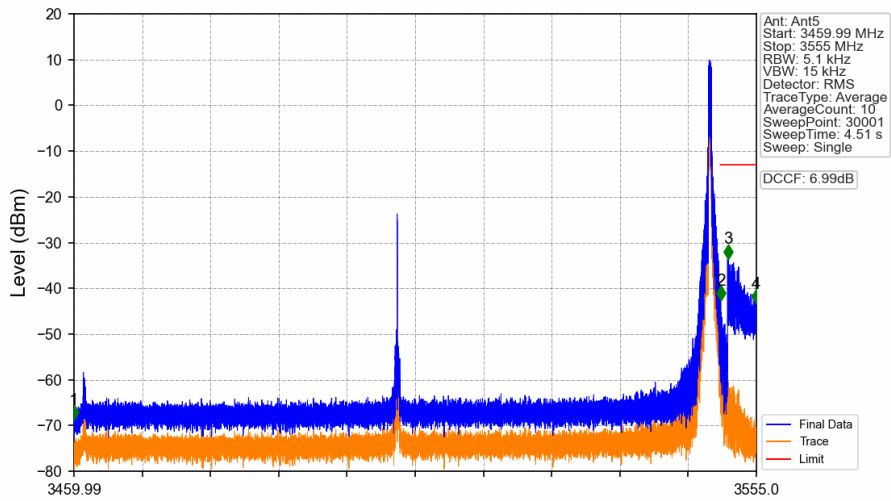


n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3504.99MHz\_Outer\_Full



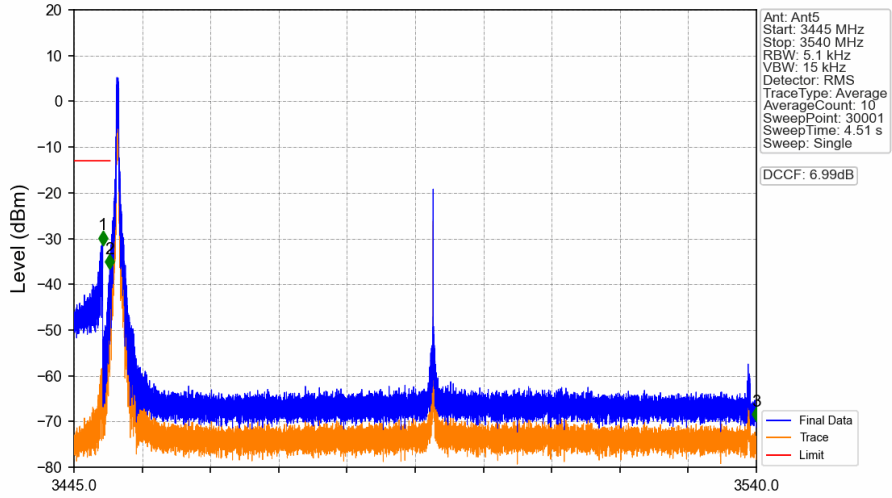
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3459.99	3549.99	0.2	0	1	3459.990	-46.63	-13	Pass
3459.99	3549.99	0.2	0	/	/	/	/	/
3459.99	3550.99	0.2	0	2	3550.345	-43.33	-13	Pass
3550.99	3554.99	0.5	3.98	3	3552.150	-38.09	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_90MHz\_DFT-s-OFDM QPSK\_3504.99MHz\_Inner\_1RB\_Right



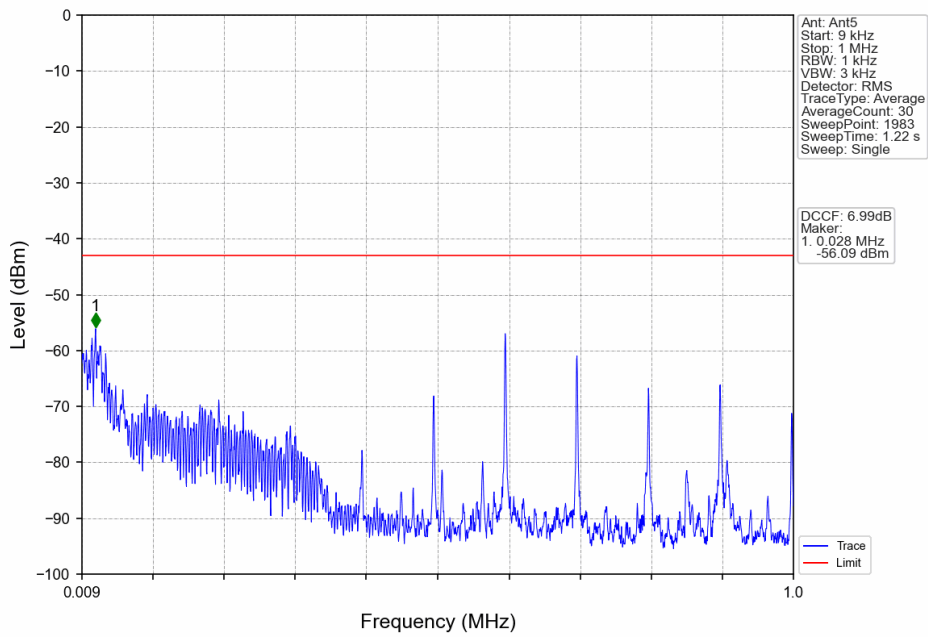
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3459.99	3549.99	0.0051	0	1	3459.990	-68.71	-13	Pass
3459.99	3549.99	0.0051	0	/	/	/	/	/
3459.99	3550.99	0.0051	0	2	3550.031	-42.57	-13	Pass
3550.99	3554.99	0.5	19.91	3	3551.073	-33.52	-13	Pass
3554.99	3555	1	22.92	4	3554.990	-43.28	-13	Pass

n78e\_30kHz\_SISO\_NTV\_90MHz\_CP-OFDM\_QPSK\_3495MHz\_Edge\_1RB\_Left

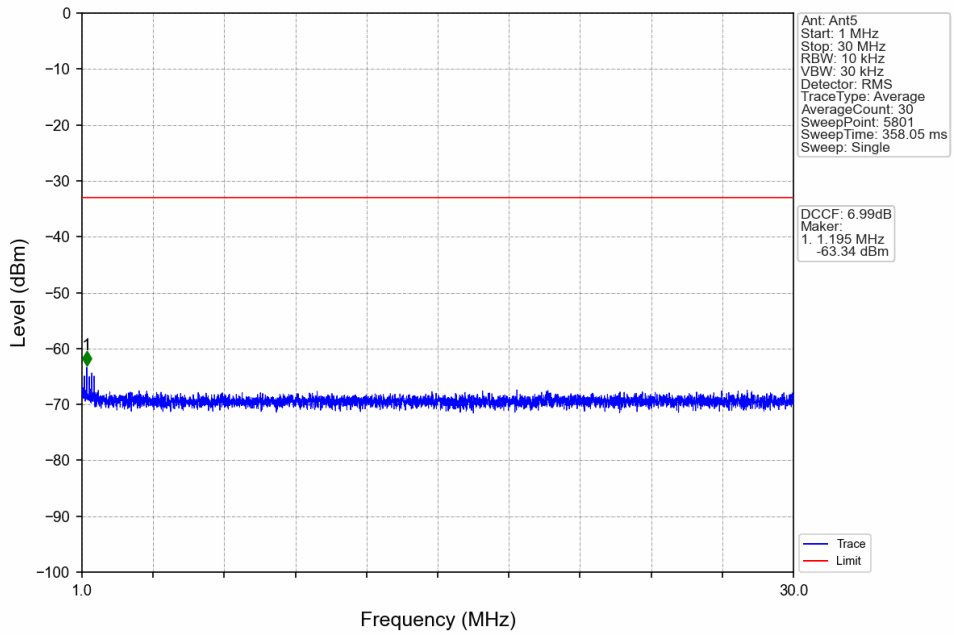


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	19.91	1	3448.999	-31.41	-13	Pass
3449	3450	0.0051	0	2	3449.984	-36.60	-13	Pass
3450	3540	0.0051	0	3	3540.000	-69.96	-13	Pass

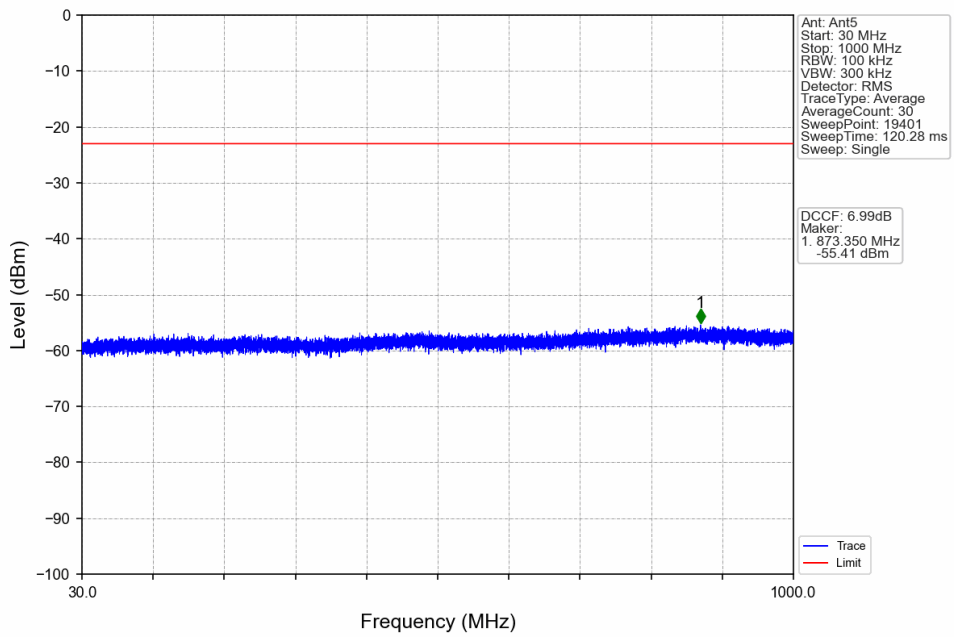
n78e\_30kHz\_SISO\_NTV\_90MHz\_CP-OFDM\_QPSK\_3495MHz\_Edge\_1RB\_Left



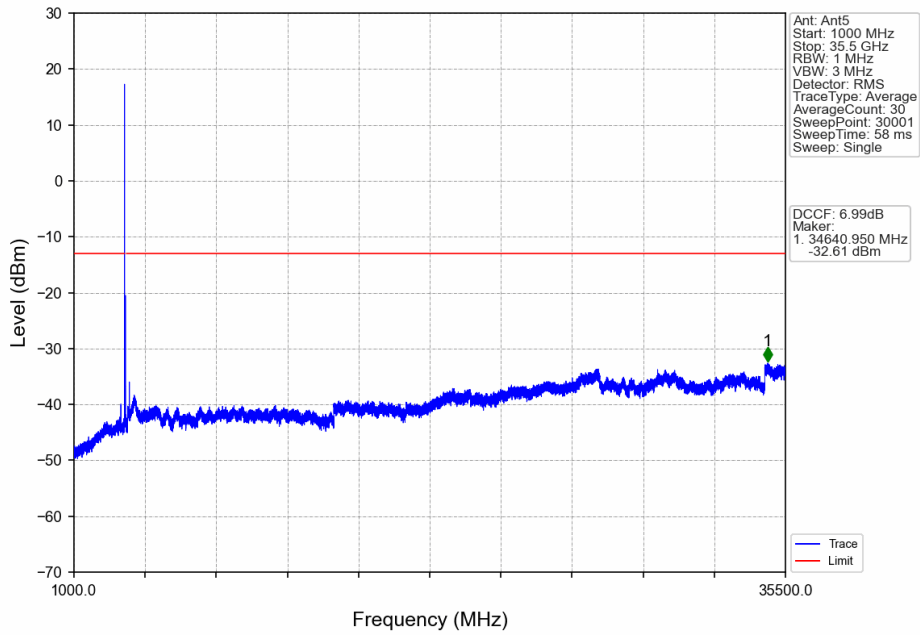
n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3495MHz\_Edge\_1RB\_Left



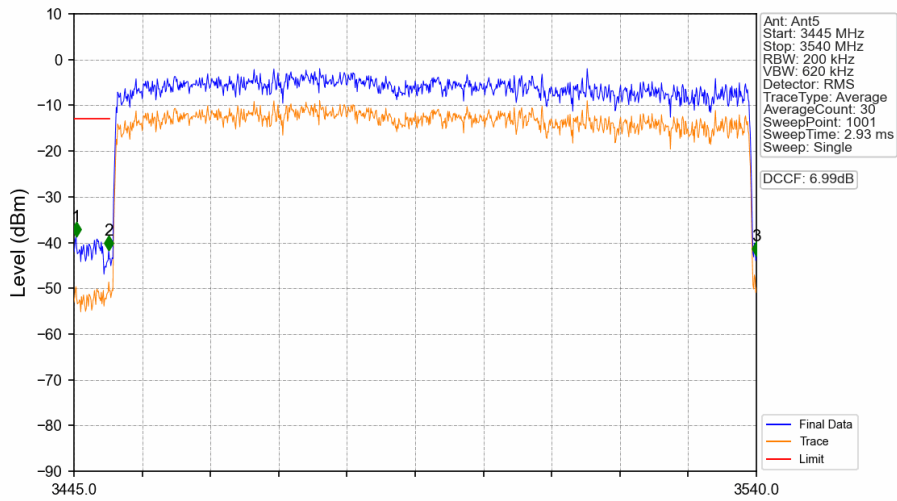
n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3495MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTV\_90MHz\_CP-OFDM\_QPSK\_3495MHz\_Edge\_1RB\_Left

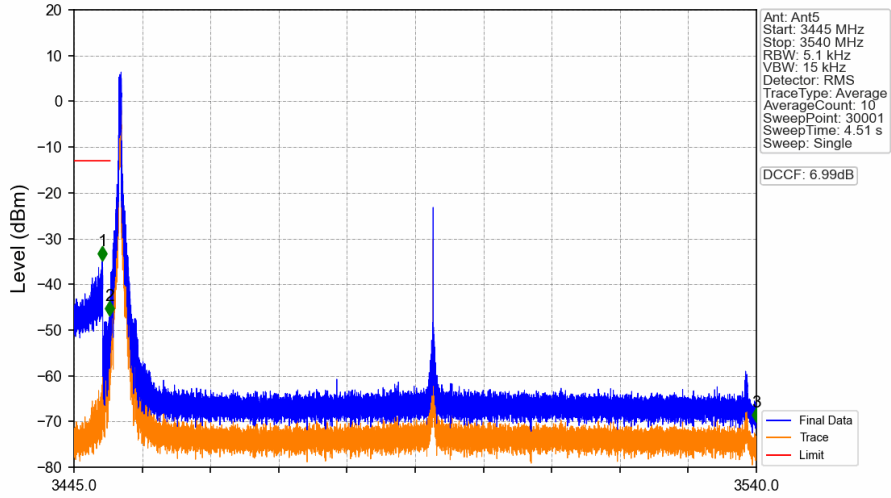


n78e\_30kHz\_SISO\_NTV\_90MHz\_CP-OFDM\_QPSK\_3495MHz\_Outer\_Full



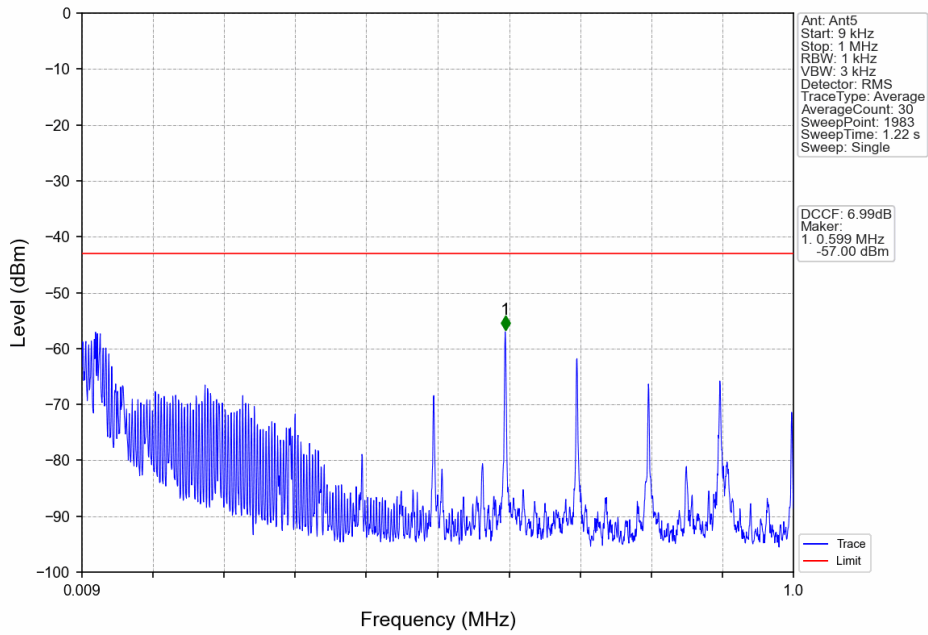
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	3.98	1	3445.285	-38.66	-13	Pass
3449	3450	0.2	0	2	3449.845	-41.63	-13	Pass
3450	3540	0.2	0	3	3540.000	-42.92	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3495MHz\_Inner\_1RB\_Left



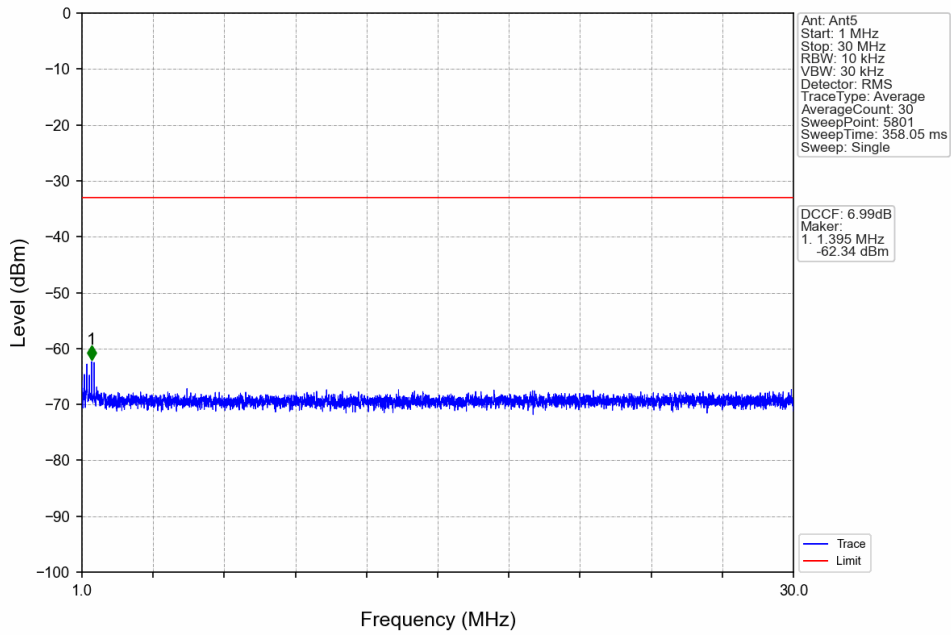
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	19.91	1	3448.968	-34.88	-13	Pass
3449	3450	0.0051	0	2	3449.981	-46.88	-13	Pass
3450	3540	0.0051	0	3	3540.000	-70.07	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left

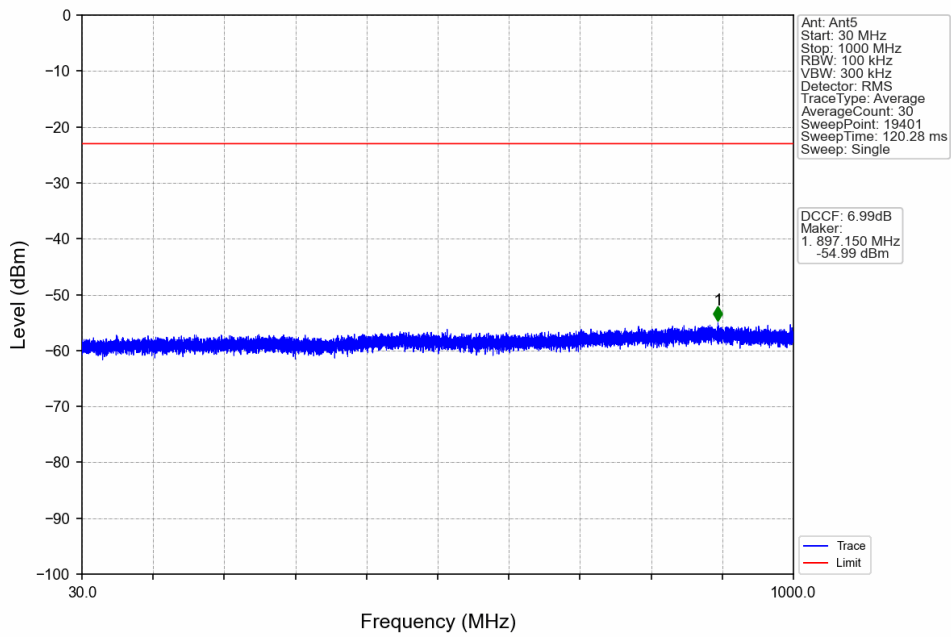




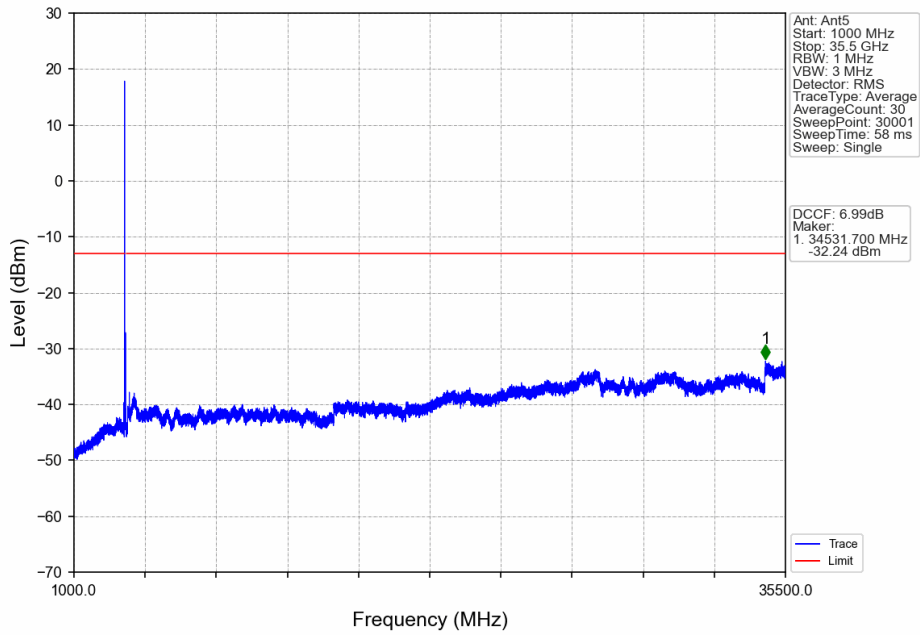
n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



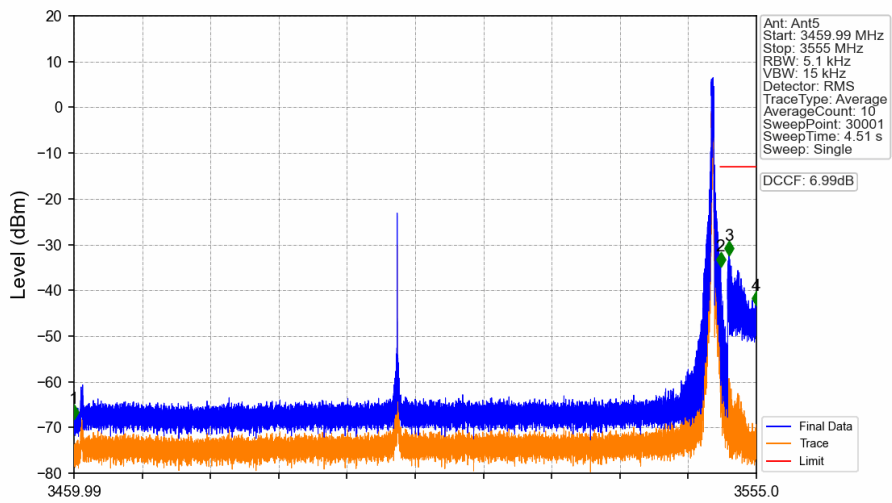
n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTV\_90MHz\_CP-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left

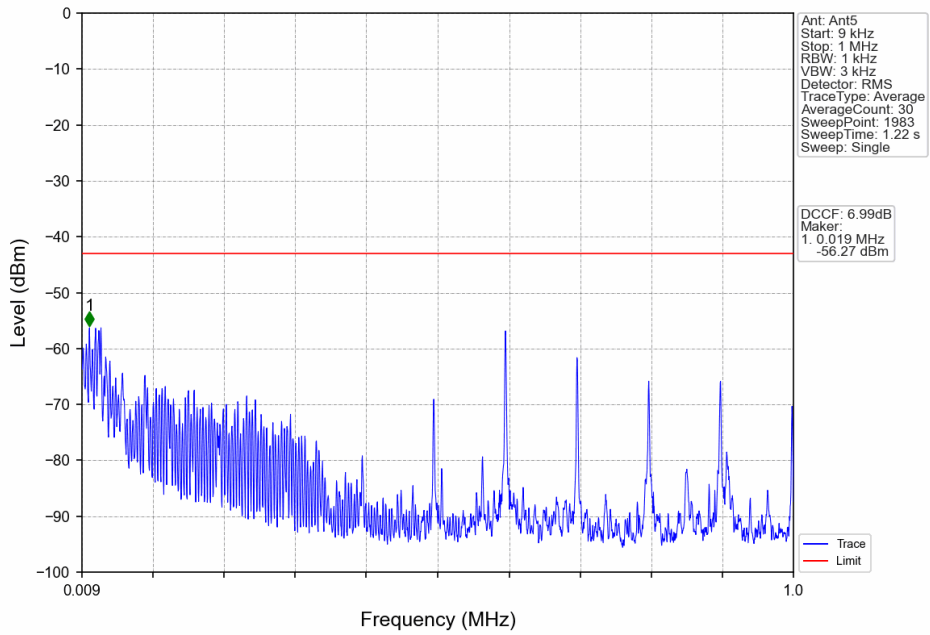


n78e\_30kHz\_SISO\_NTV\_90MHz\_CP-OFDM\_QPSK\_3504.99MHz\_Edge\_1RB\_Right

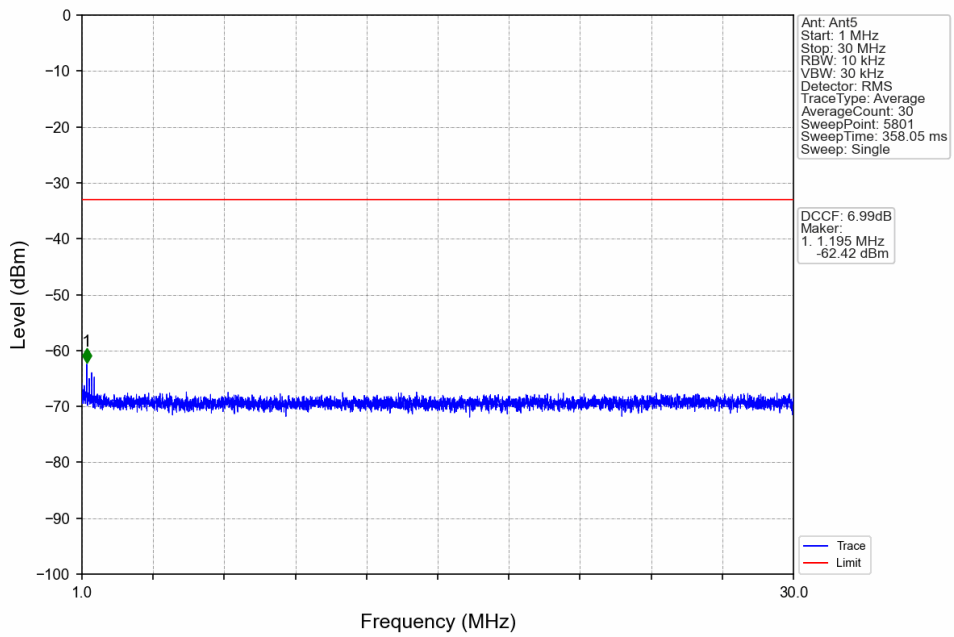


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3459.99	3549.99	0.0051	0	1	3459.990	-68.10	-13	Pass
3459.99	3549.99	0.0051	0	/	/	/	/	/
3549.99	3550.99	0.0051	0	2	3550.021	-34.77	-13	Pass
3550.99	3554.99	0.5	19.91	3	3551.184	-32.36	-13	Pass
3554.99	3555	1	22.92	4	3554.994	-43.27	-13	Pass

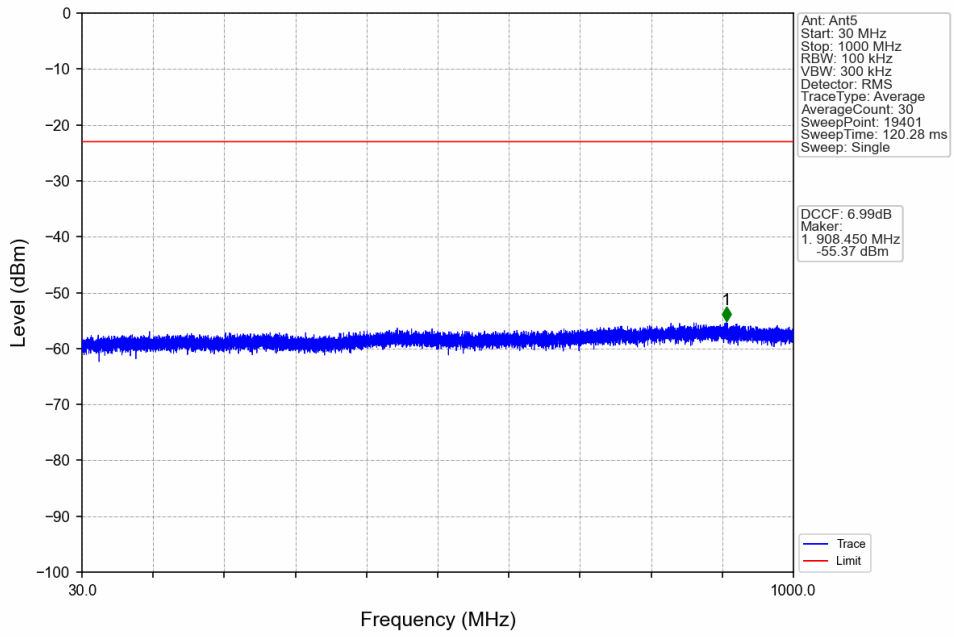
n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3504.99MHz\_Edge\_1RB\_Right



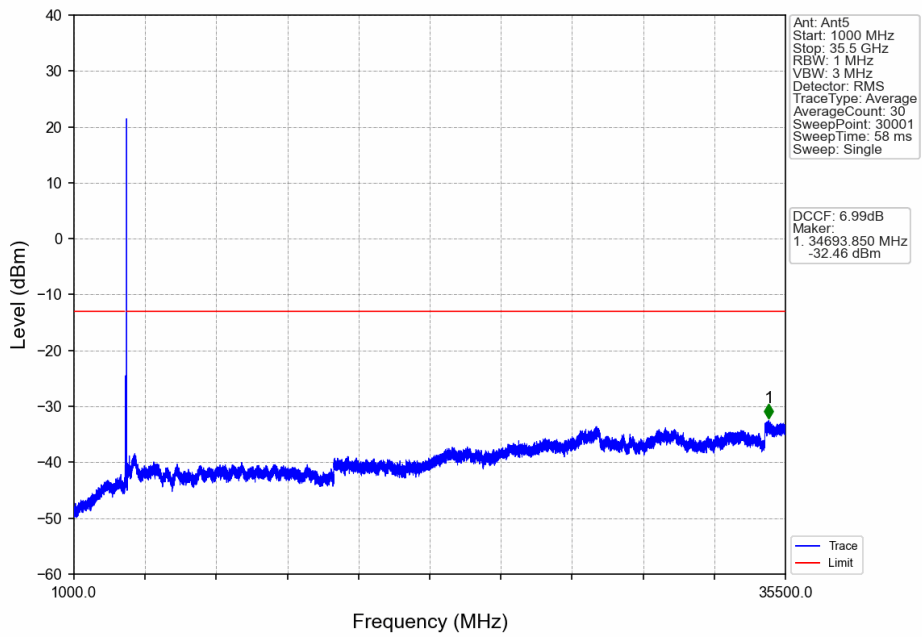
n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3504.99MHz\_Edge\_1RB\_Right



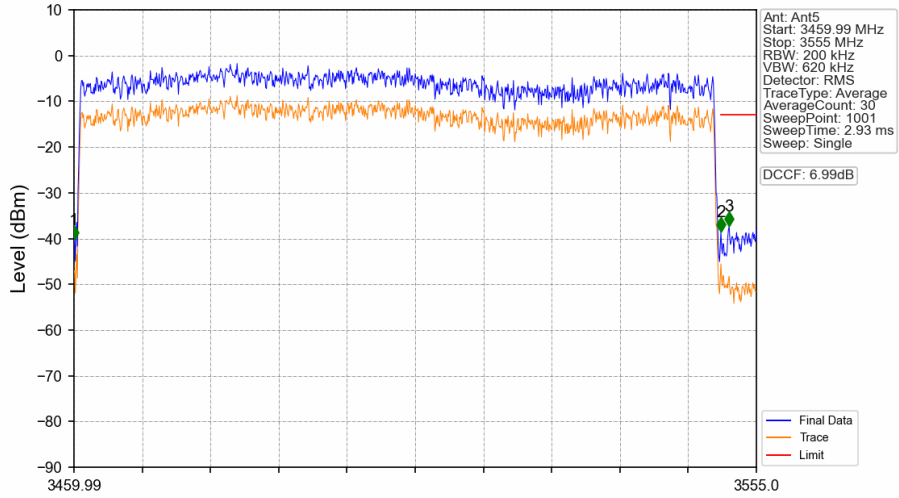
n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3504.99MHz\_Edge\_1RB\_Right



n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3504.99MHz\_Edge\_1RB\_Right

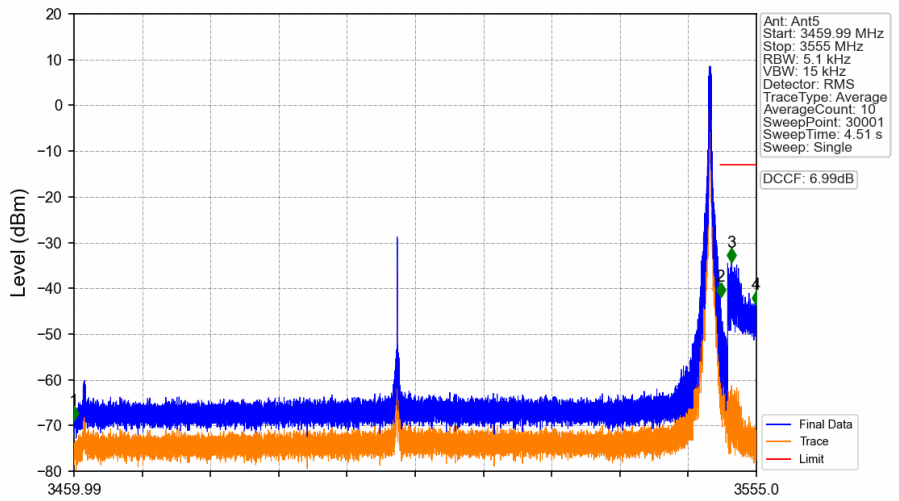


n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3504.99MHz\_Outer\_Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3459.99	3549.99	0.2	0	1	3459.990	-40.30	-13	Pass
3459.99	3549.99	0.2	0	/	/	/	/	/
3549.99	3550.99	0.2	0	2	3550.059	-38.57	-13	Pass
3550.99	3554.99	0.5	3.98	3	3551.200	-37.25	-13	Pass

n78e\_30kHz\_SISO\_NTNV\_90MHz\_CP-OFDM QPSK\_3504.99MHz\_Inner\_1RB\_Right



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3459.99	3549.99	0.0051	0	1	3459.990	-68.89	-13	Pass
3459.99	3549.99	0.0051	0	/	/	/	/	/
3549.99	3550.99	0.0051	0	2	3550.002	-41.83	-13	Pass
3550.99	3554.99	0.5	19.91	3	3551.532	-34.35	-13	Pass
3554.99	3555	1	22.92	4	3555.000	-43.59	-13	Pass

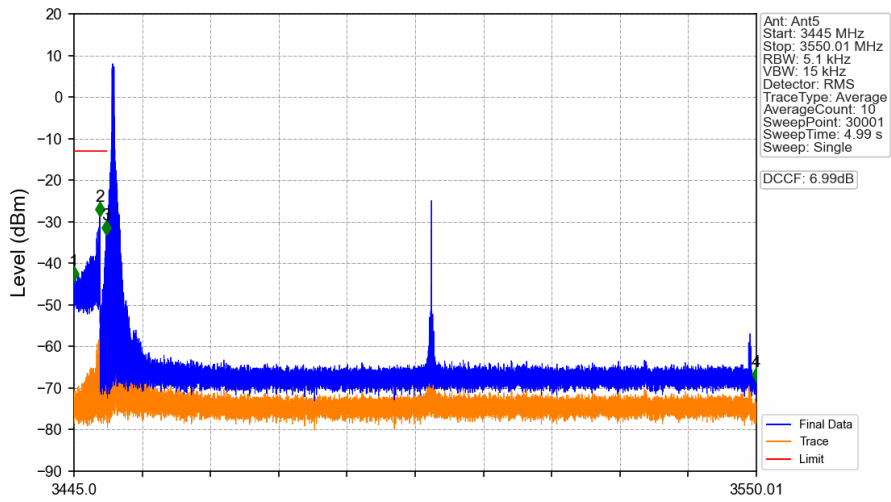
## 1.9 30k\_SISO\_100MHz\_NTNV

### 1.9.1 Test Result

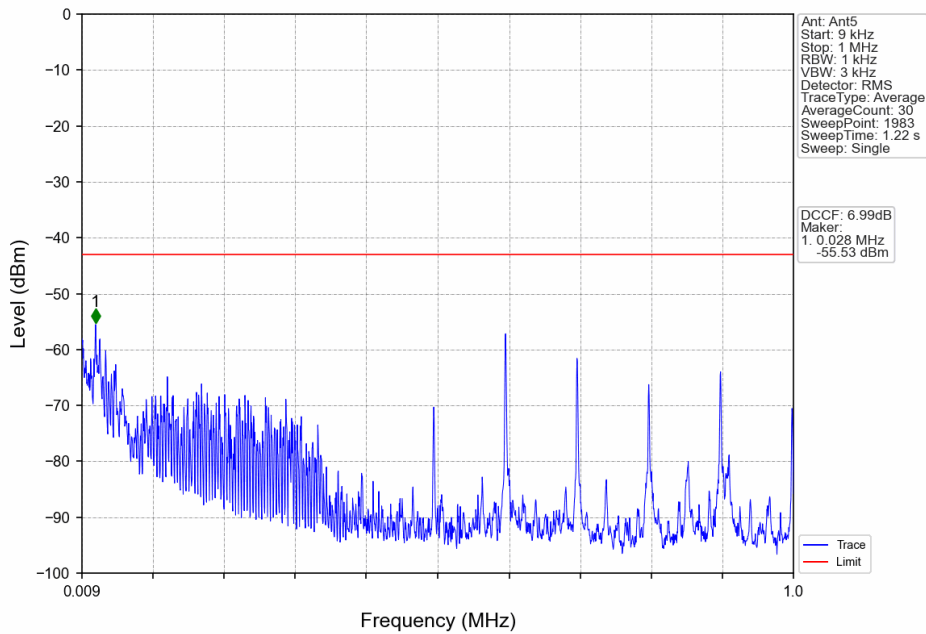
5G NR n78e SCS=30kHz SISO 100MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission			Verdict
			Ant5	Ant2	Sum	
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Left	Refer To Test Graph			Pass
	3499.98	Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
CP-OFDM QPSK	3500.01	Inner_1RB_Right	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
	3499.98	Inner_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Left	Refer To Test Graph			Pass
		Edge_1RB_Right	Refer To Test Graph			Pass
		Outer_Full	Refer To Test Graph			Pass
		Inner_1RB_Right	Refer To Test Graph			Pass

### 1.9.2 Test Graph

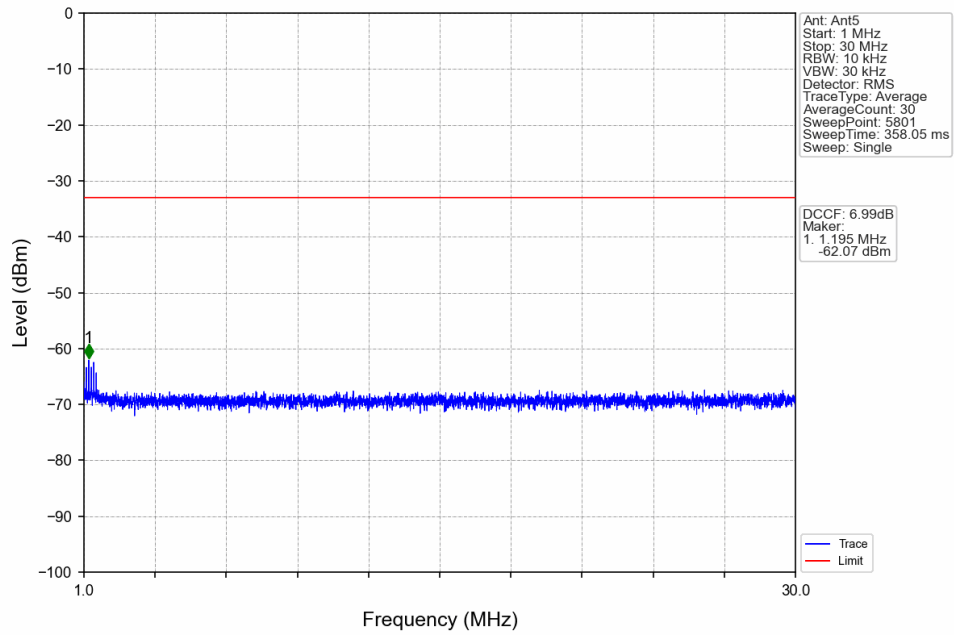
n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



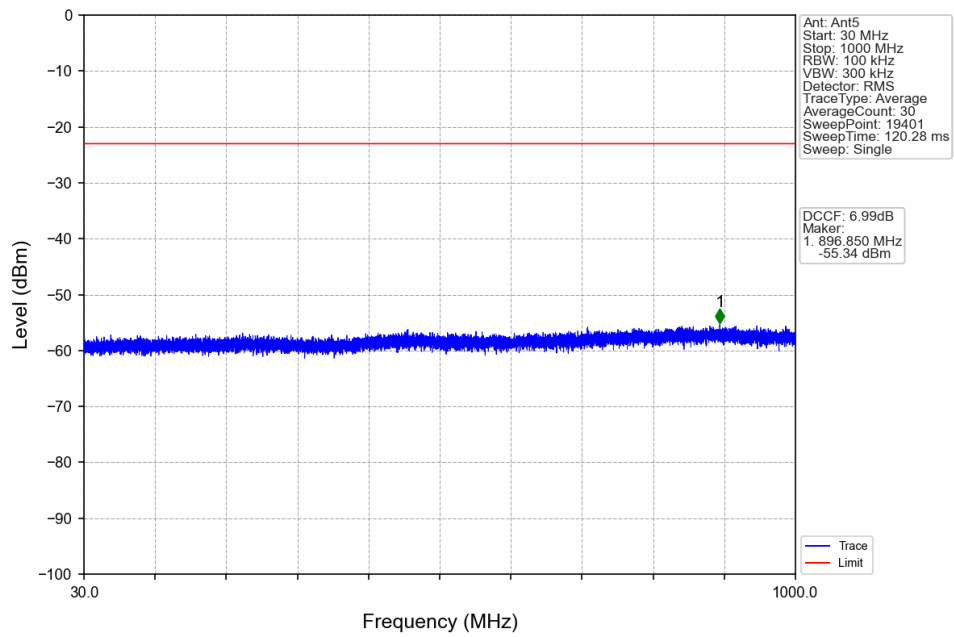
n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left

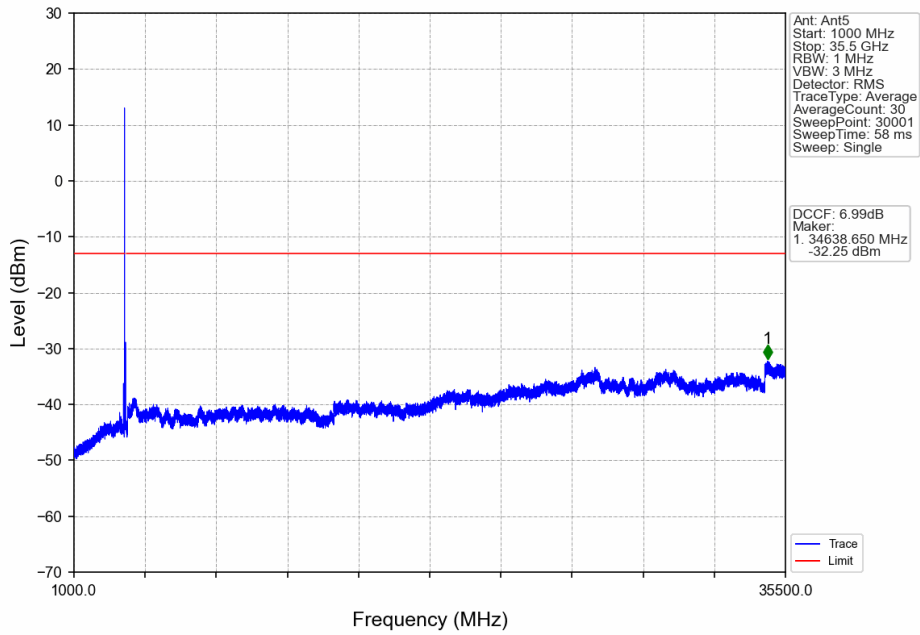


n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left

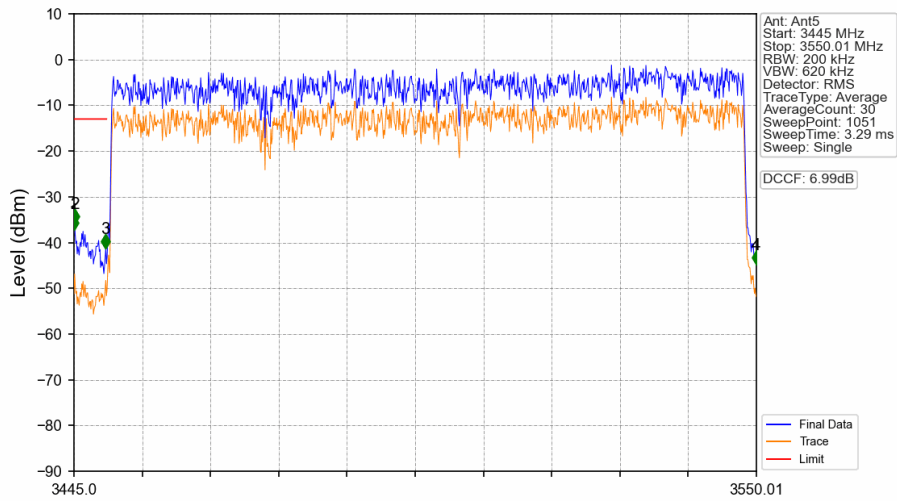




n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left

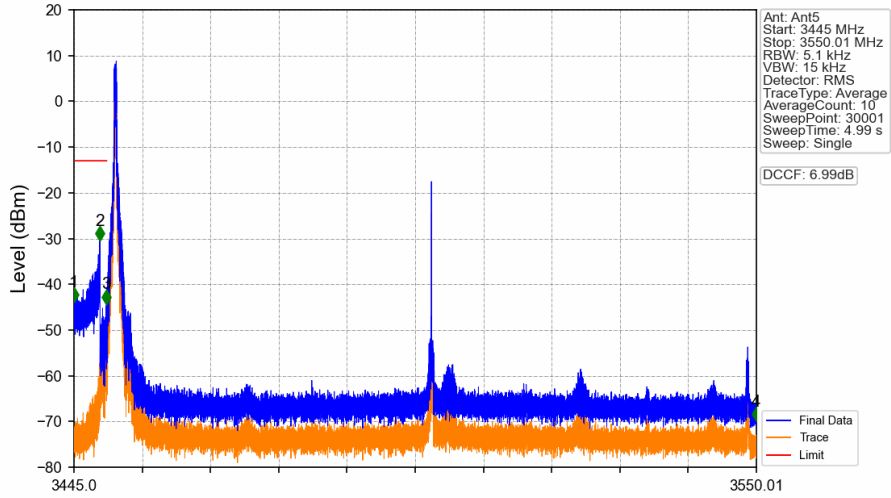


n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Outer\_Full

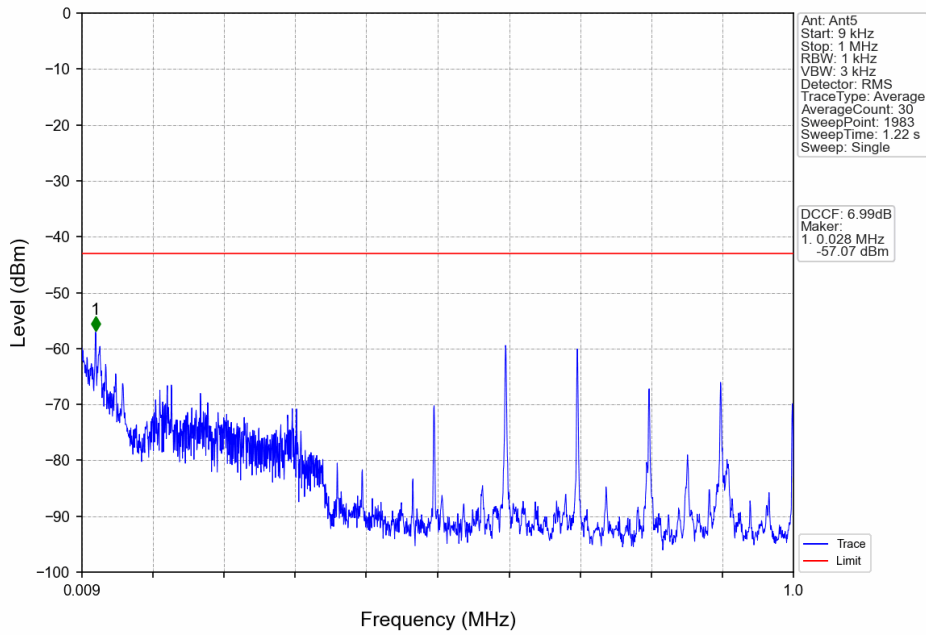


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	6.99	1	3445.000	-37.27	-13	Pass
3445.01	3449.01	0.5	3.98	2	3445.100	-35.92	-13	Pass
3449.01	3450.01	0.2	0	3	3449.900	-41.27	-13	Pass
3450.01	3550.01	0.2	0	4	3550.010	-44.86	-13	Pass

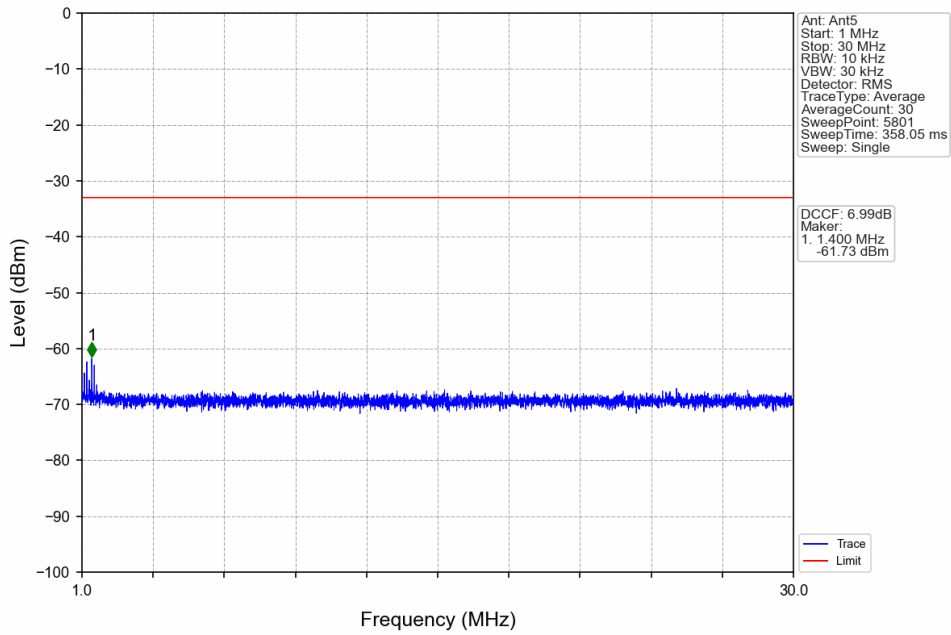
n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Inner\_1RB\_Left



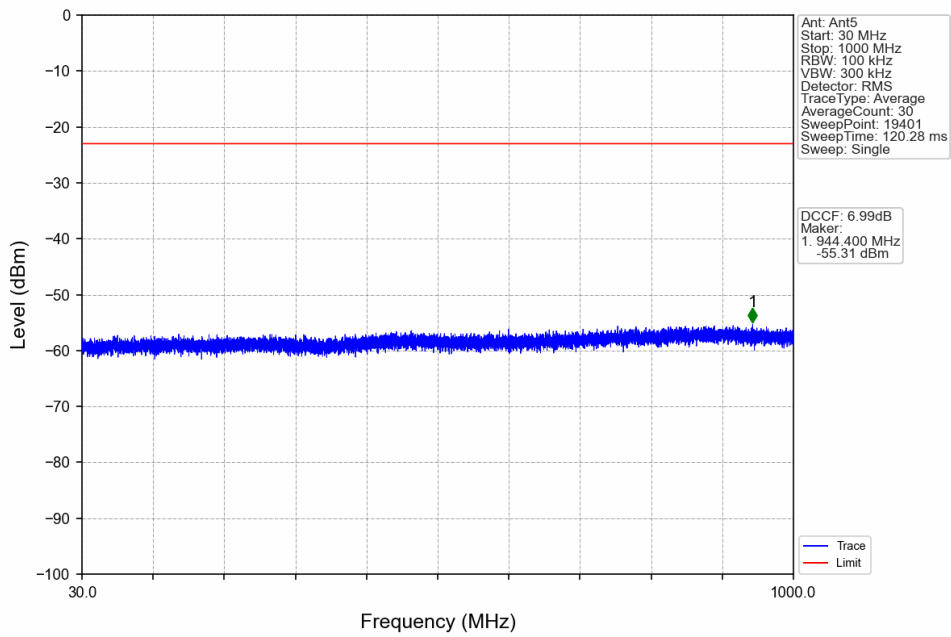
n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



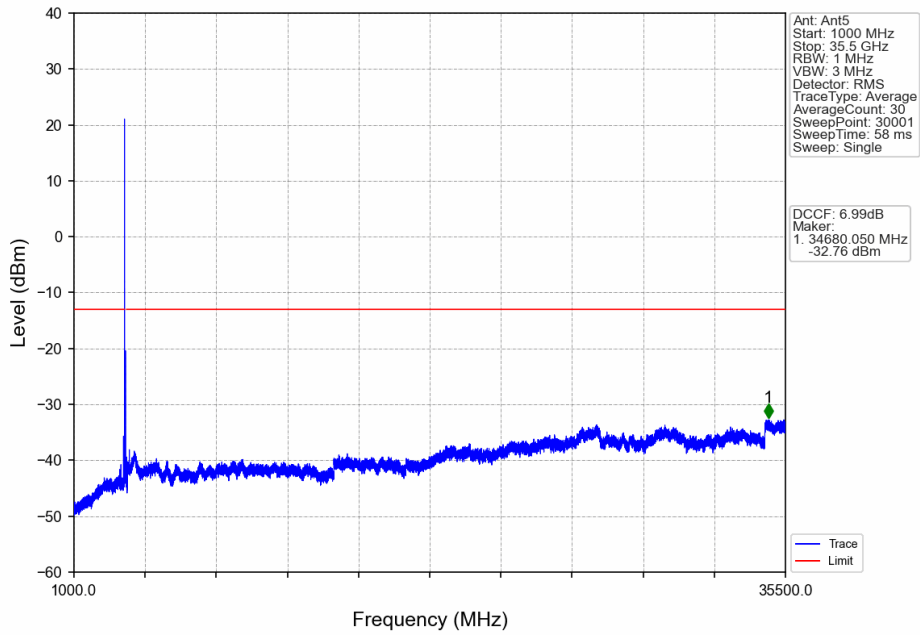
n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



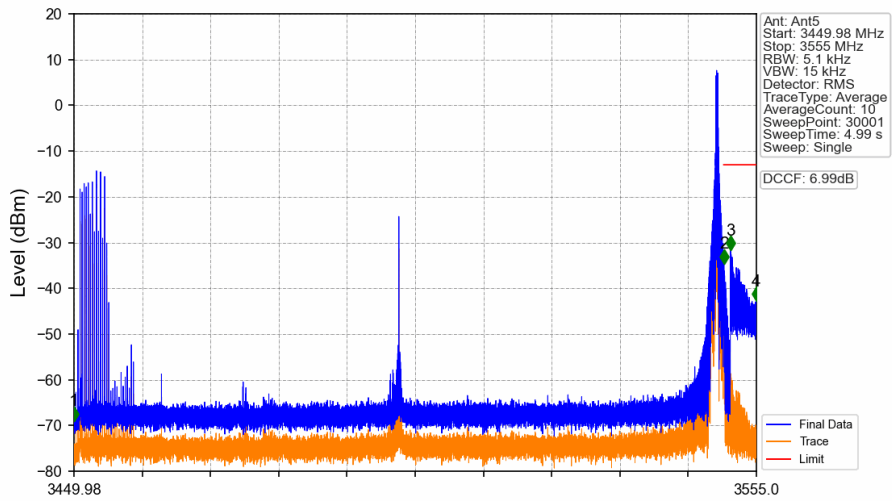
n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left



n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3500.01MHz\_Edge\_1RB\_Left

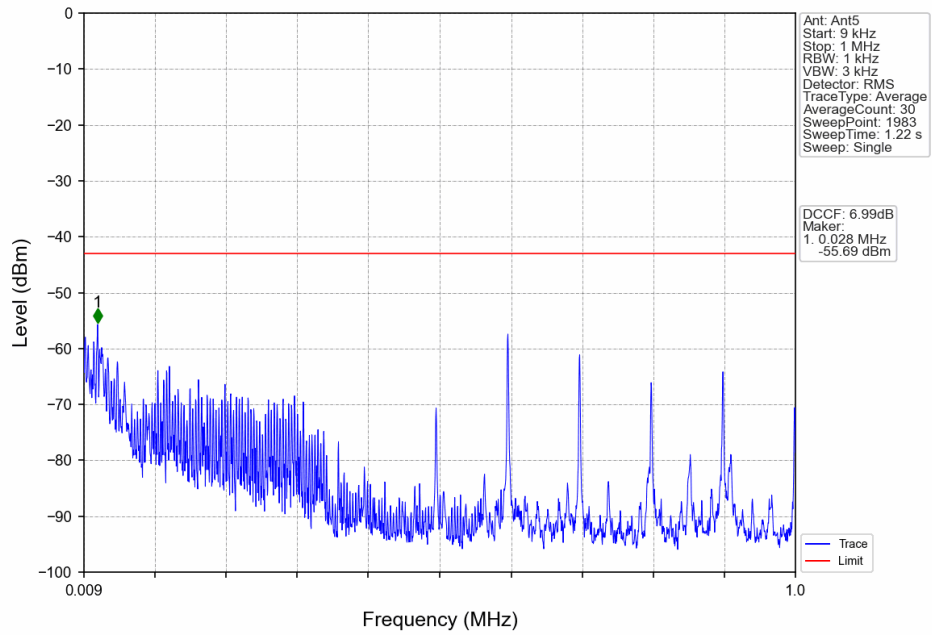


n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3499.98MHz\_Edge\_1RB\_Right

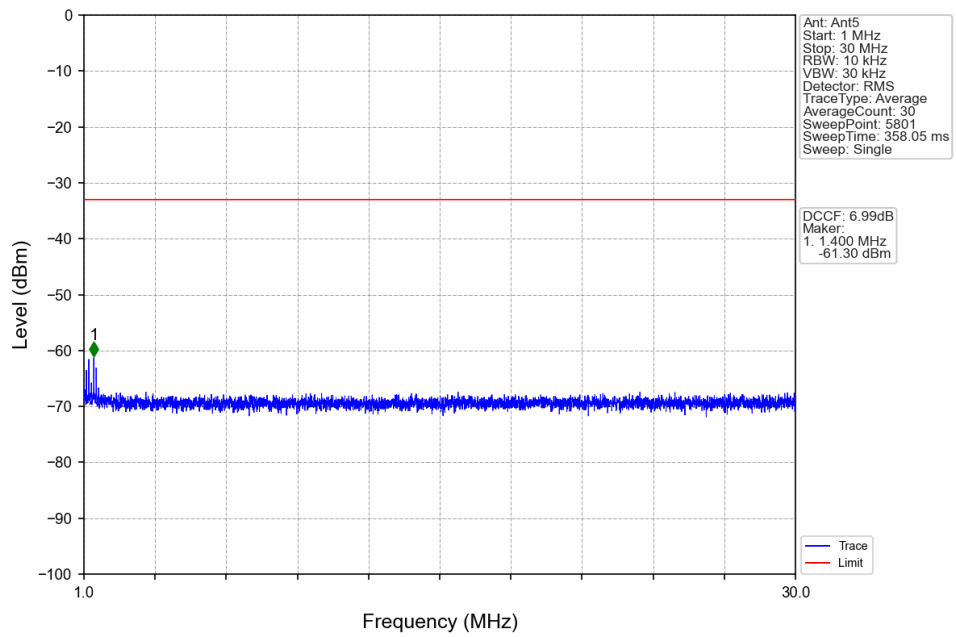


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3449.98	3549.98	0.0051	0	1	3449.980	-68.97	-13	Pass
3549.98	3549.98	0.0051	0	/	/	/	/	/
3549.98	3550.98	0.0051	0	2	3550.005	-34.60	-13	Pass
3550.98	3554.98	0.5	19.91	3	3550.999	-31.68	-13	Pass
3554.98	3555	1	22.92	4	3554.993	-42.83	-13	Pass

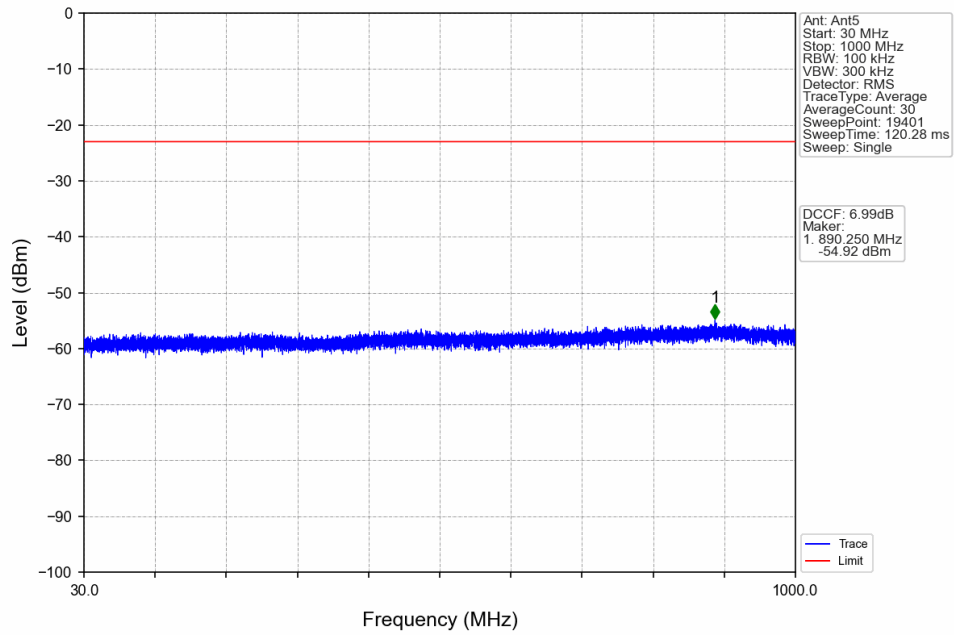
n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3499.98MHz\_Edge\_1RB\_Right



n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3499.98MHz\_Edge\_1RB\_Right



n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3499.98MHz\_Edge\_1RB\_Right



n78e\_30kHz\_SISO\_NTNV\_100MHz\_DFT-s-OFDM\_QPSK\_3499.98MHz\_Edge\_1RB\_Right

