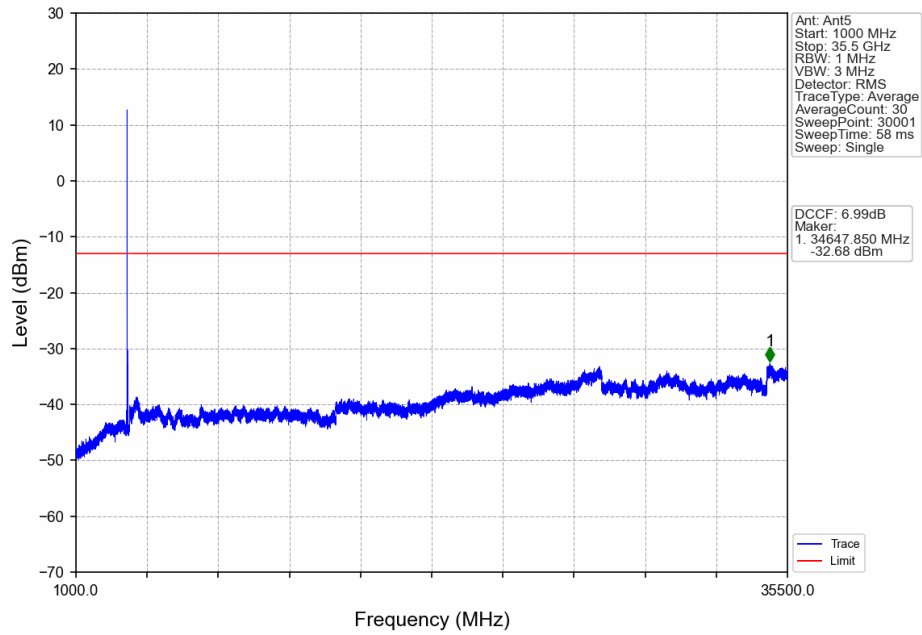
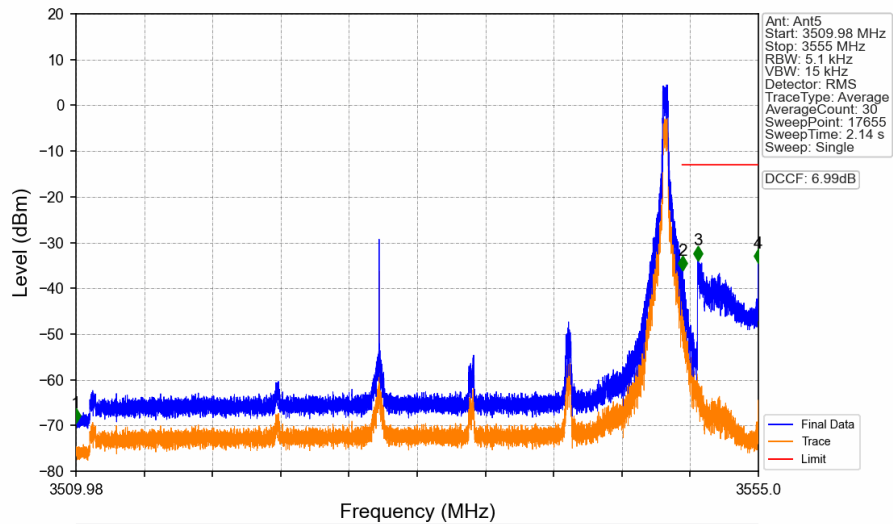


n78e 30kHz SISO NTN 40MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left

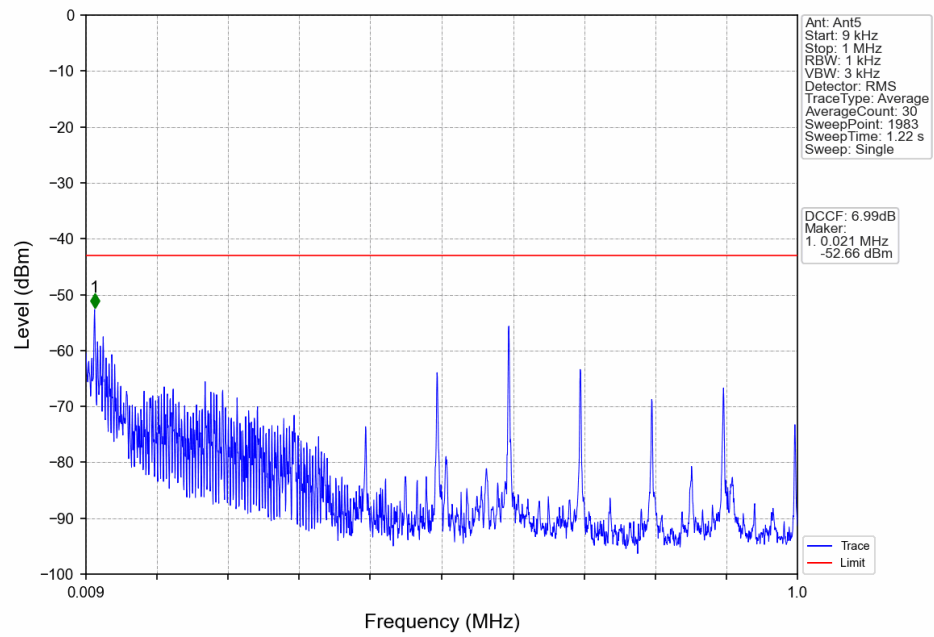


n78e 30kHz SISO NTN 40MHz CP-OFDM QPSK 3529.98MHz Edge 1RB Right

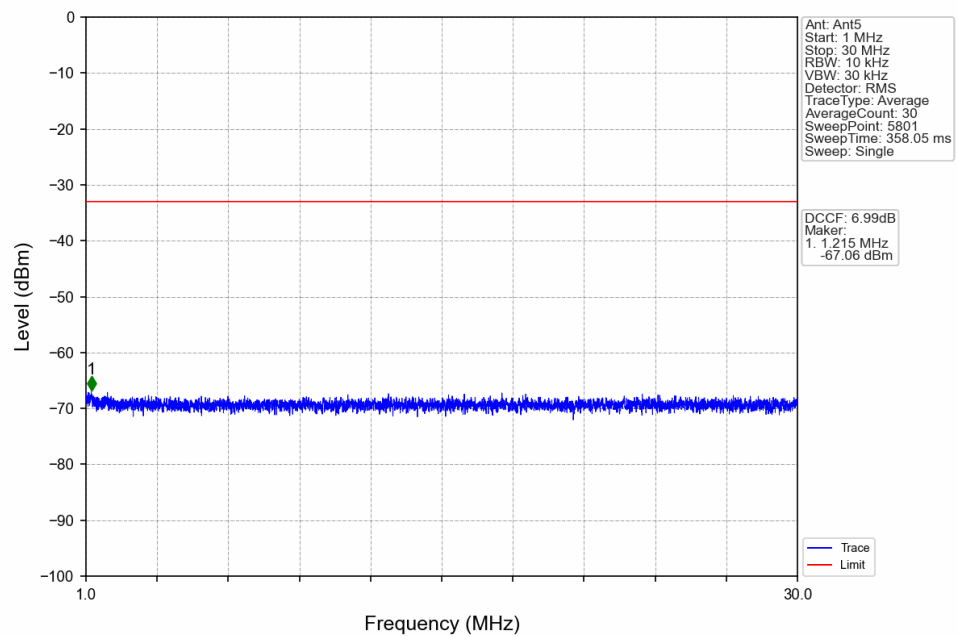


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3509.98	3549.98	0.0051	0	1	3509.980	-69.50	-13	Pass
3549.98	3549.98	0.0051	0	/	/	/	/	/
3549.98	3550.98	0.0051	0	2	3549.999	-36.12	-13	Pass
3550.98	3554.98	0.5	19.91	3	3550.991	-33.90	-13	Pass
3554.98	3555	1	22.92	4	3554.990	-34.54	-13	Pass

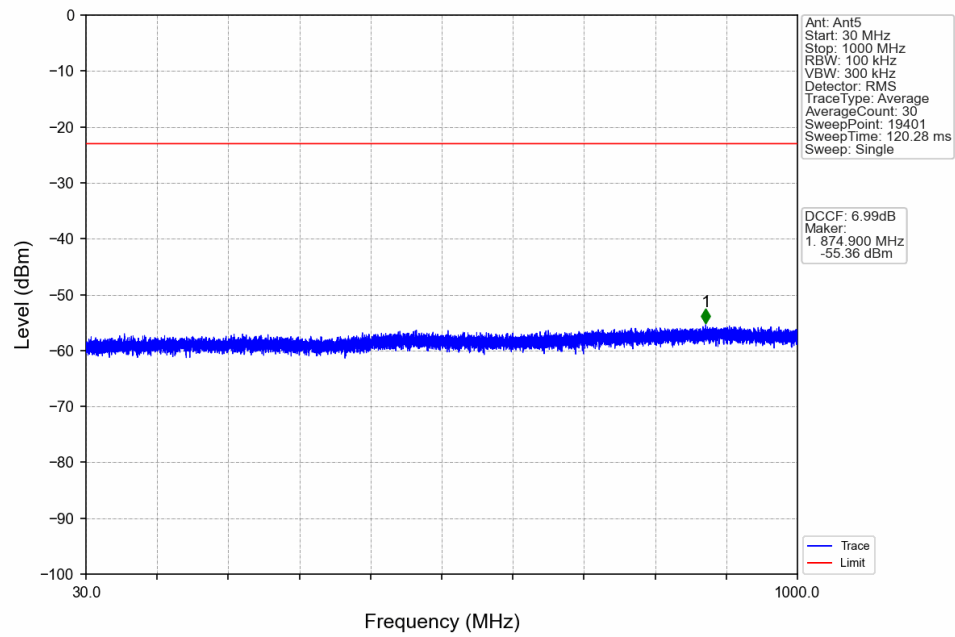
n78e 30kHz SISO NTN 40MHz CP-OFDM QPSK 3529.98MHz Edge 1RB Right



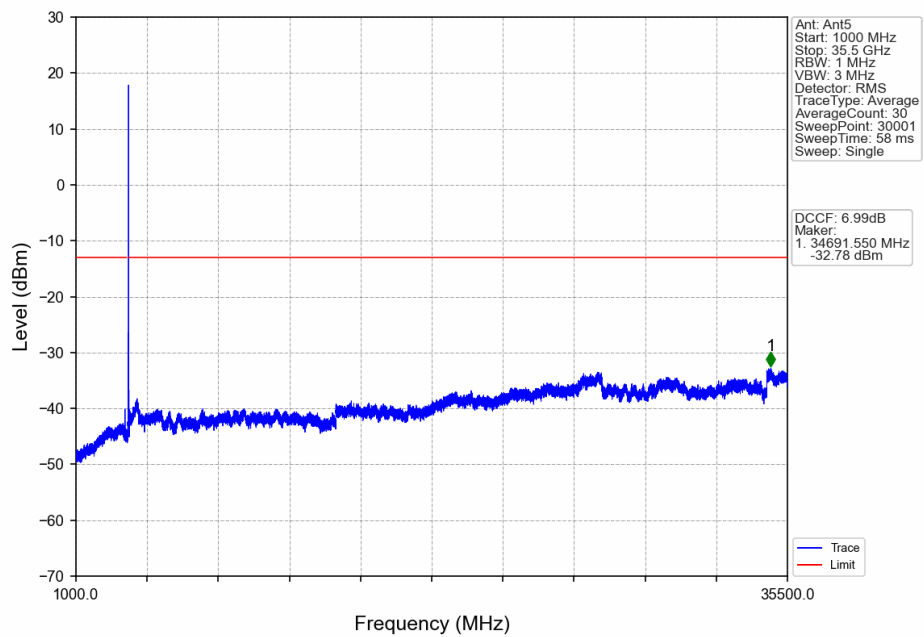
n78e 30kHz SISO NTN 40MHz CP-OFDM QPSK 3529.98MHz Edge 1RB Right



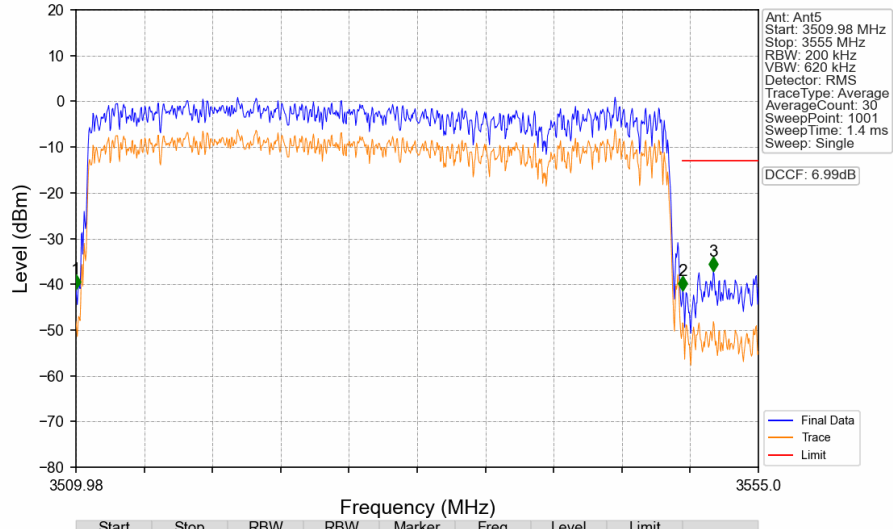
n78e 30kHz SISO NTN 40MHz CP-OFDM QPSK 3529.98MHz Edge 1RB Right



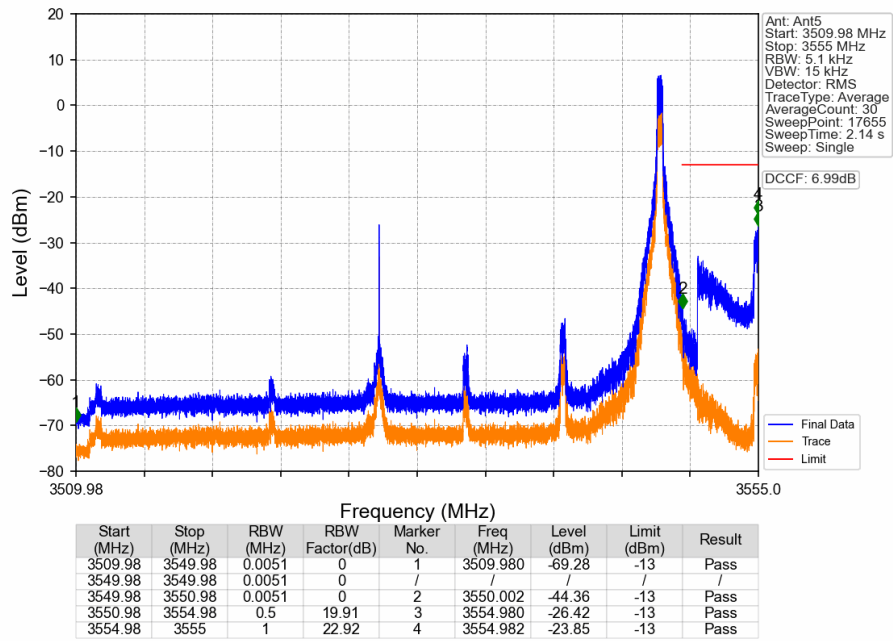
n78e 30kHz SISO NTN 40MHz CP-OFDM QPSK 3529.98MHz Edge 1RB Right



n78e 30kHz SISO NTN 40MHz CP-OFDM QPSK 3529.98MHz Outer Full



n78e 30kHz SISO NTN 40MHz CP-OFDM QPSK 3529.98MHz Inner 1RB Right

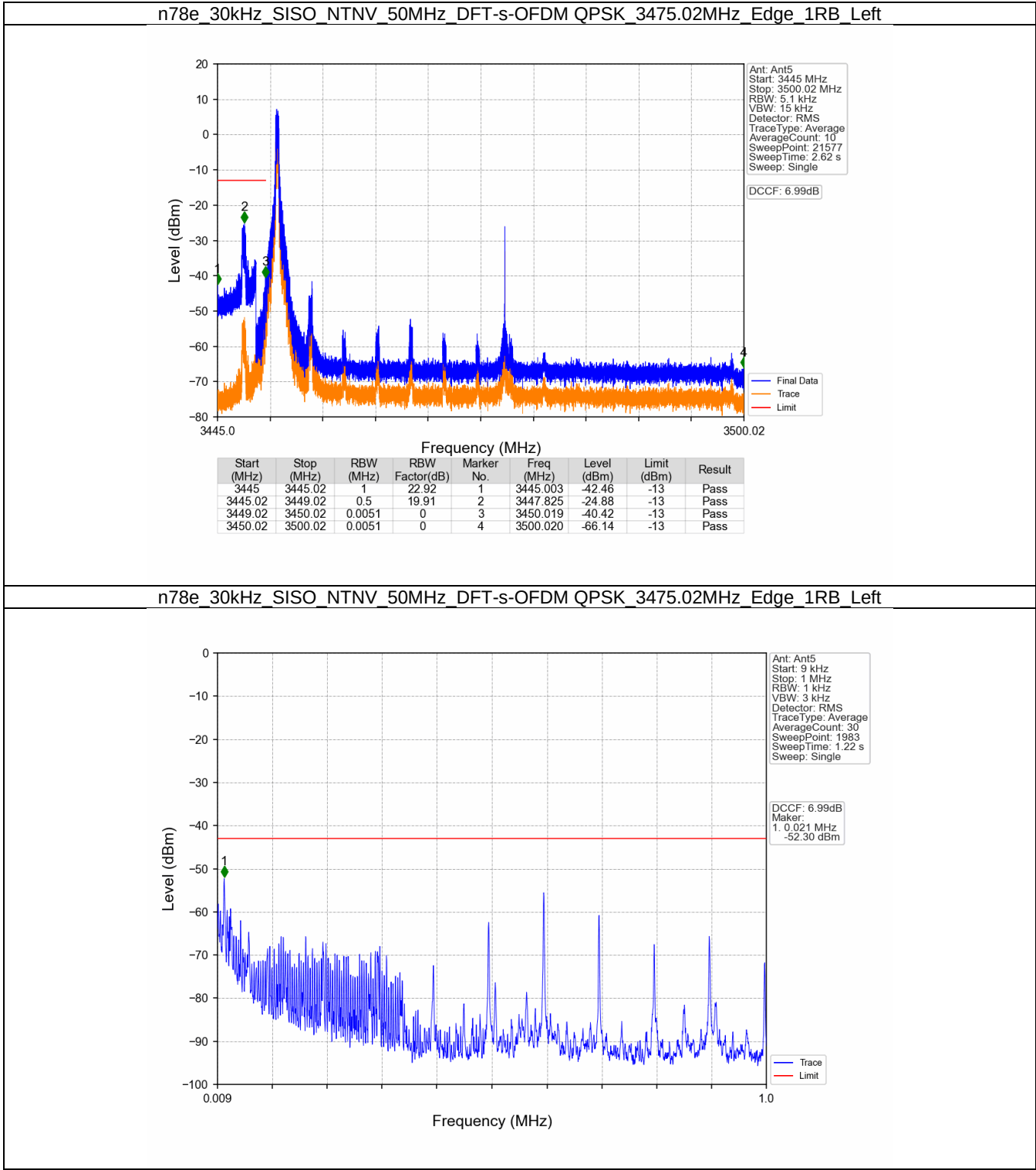


1.4 30k_SISO_50MHz_NTNV

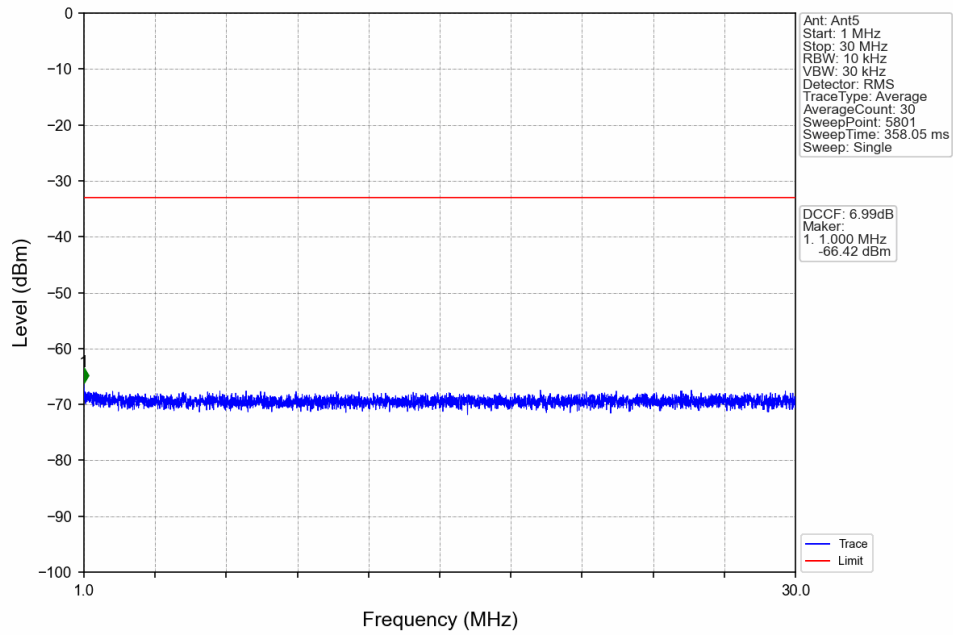
1.4.1 Test Result

5G NR n78e SCS=30kHz SISO 50MHz NTNv								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant5	Ant2	Sum	Limit		
DFT-s-OFDM QPSK	3475.02	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	
		3525	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
			Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3475.02	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	
		3525	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
			Inner_1RB_Right	Refer To Test Graph				Pass

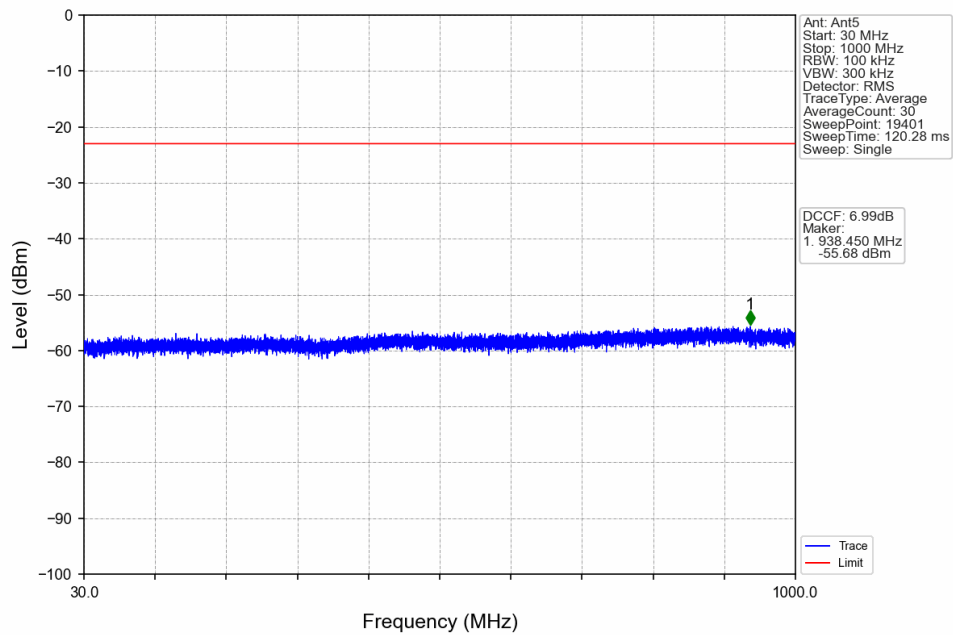
1.4.2 Test Graph



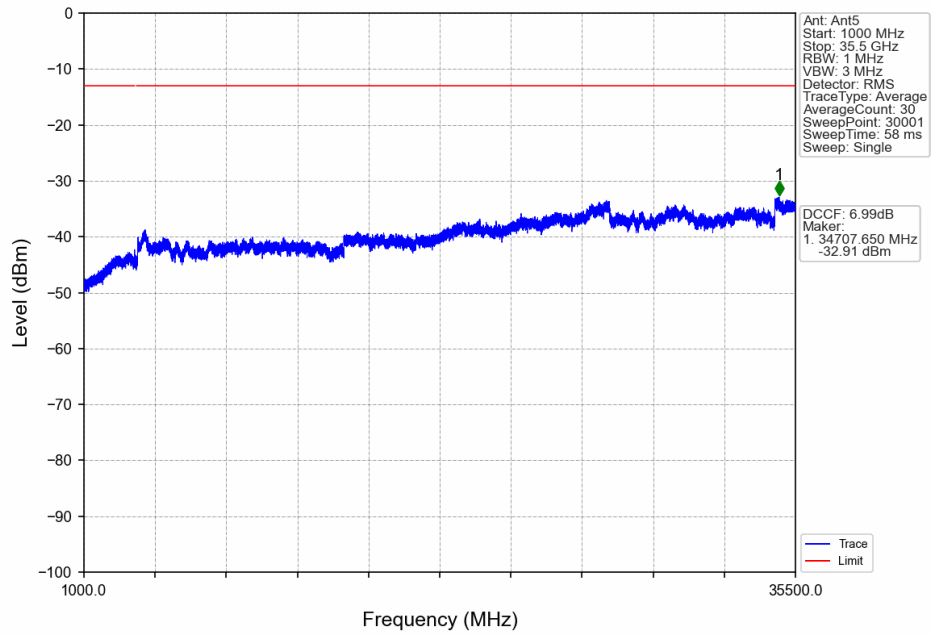
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left



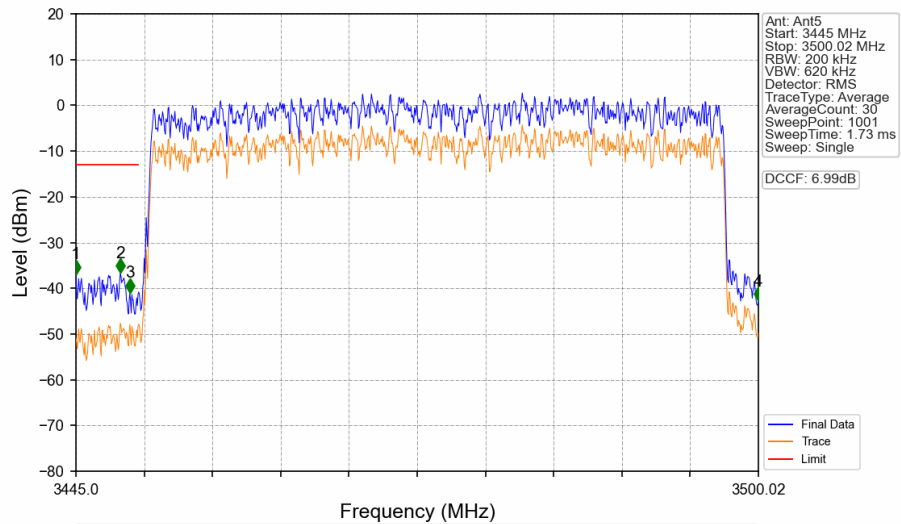
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left



n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Edge 1RB Left

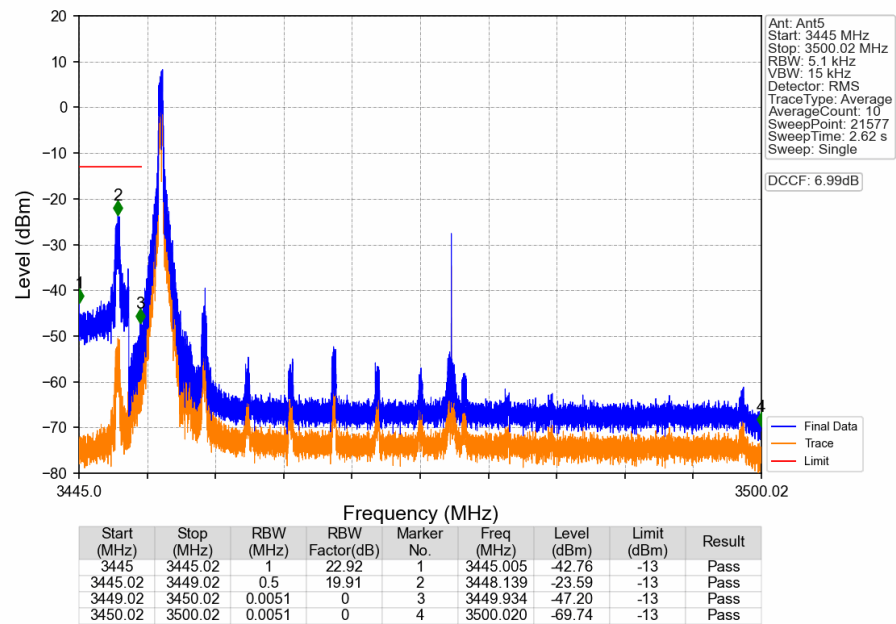


n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Outer Full

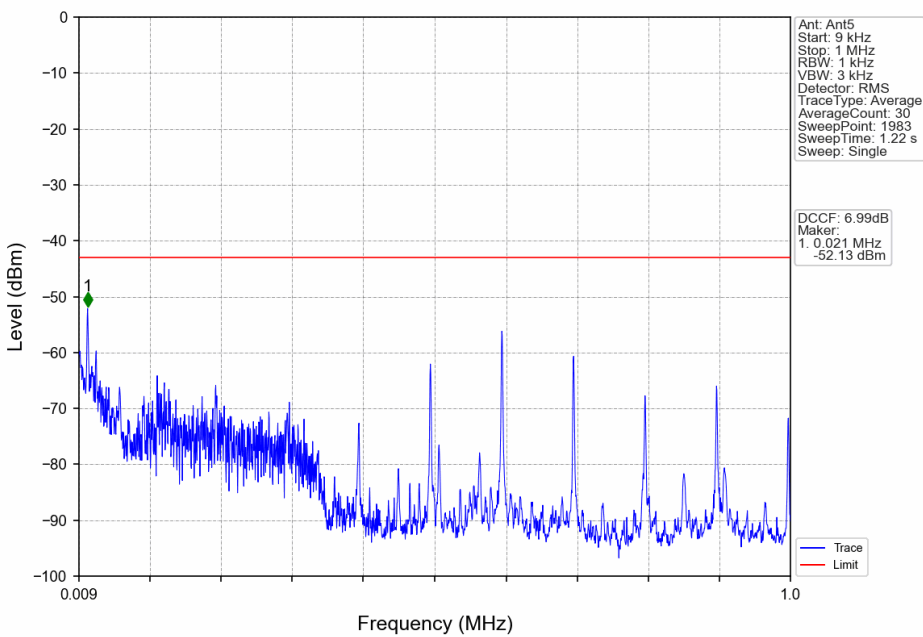


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.02	1	6.99	1	3445.000	-36.91	-13	Pass
3445.02	3449.02	0.5	3.98	2	3448.576	-36.62	-13	Pass
3449.02	3450.02	0.2	0	3	3449.347	-40.94	-13	Pass
3450.02	3500.02	0.2	0	4	3500.020	-42.83	-13	Pass

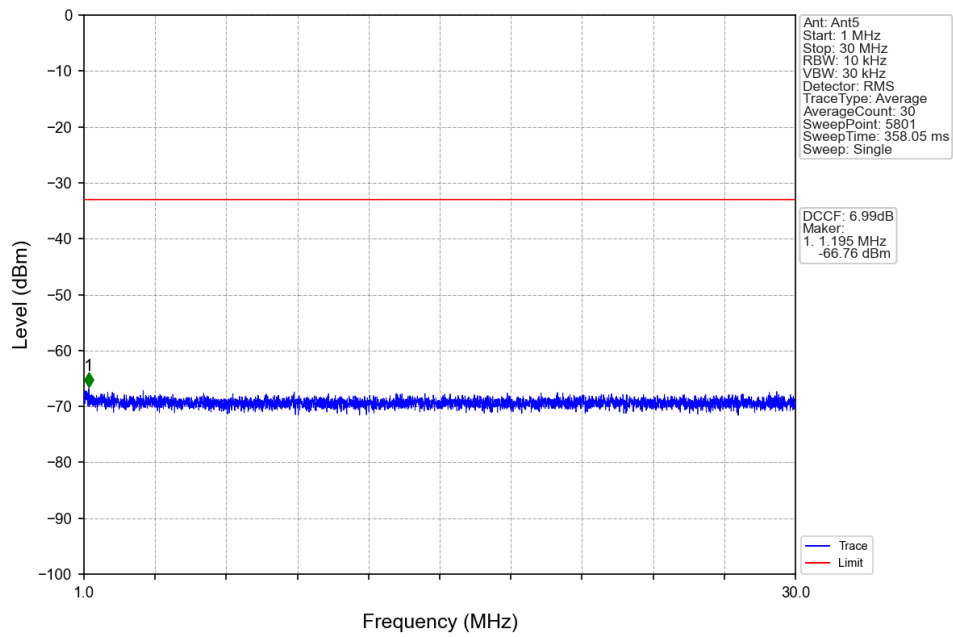
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3475.02MHz Inner 1RB Left



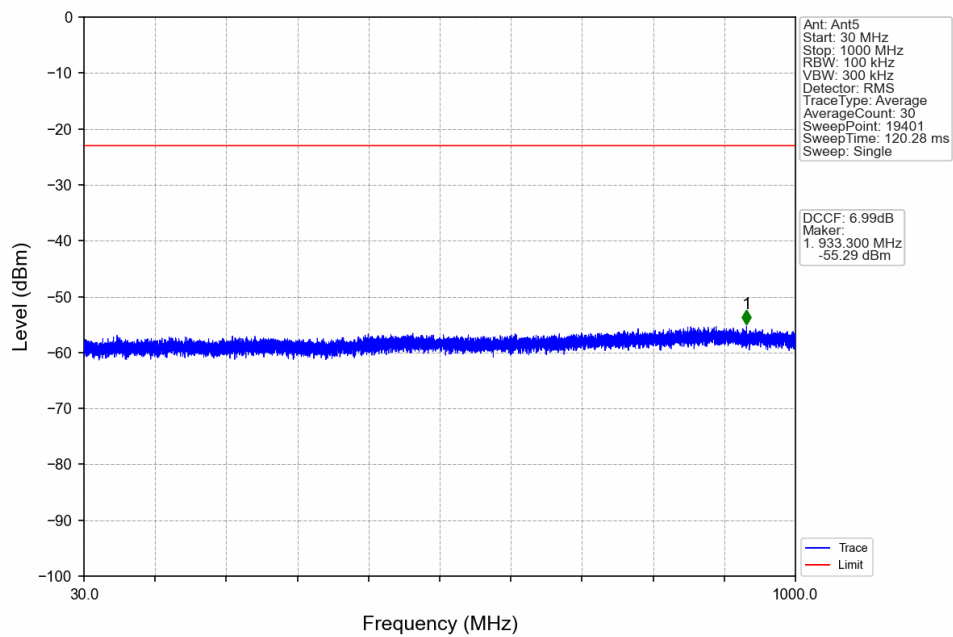
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



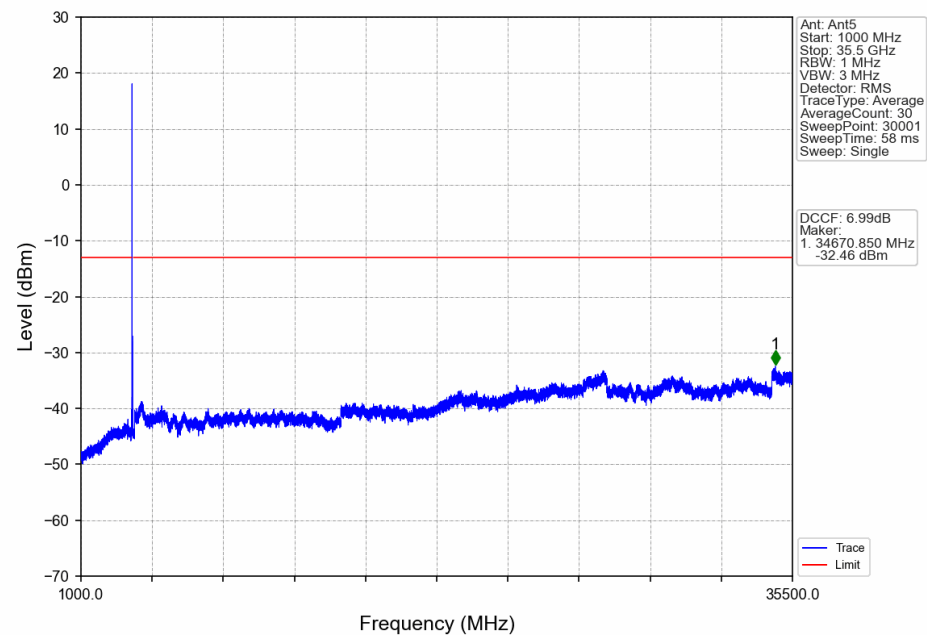
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



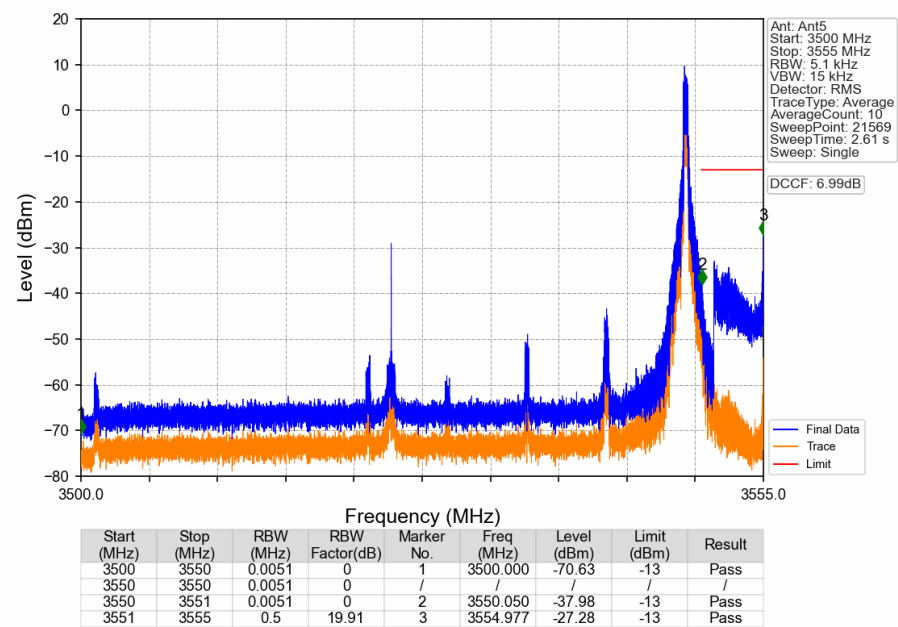
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



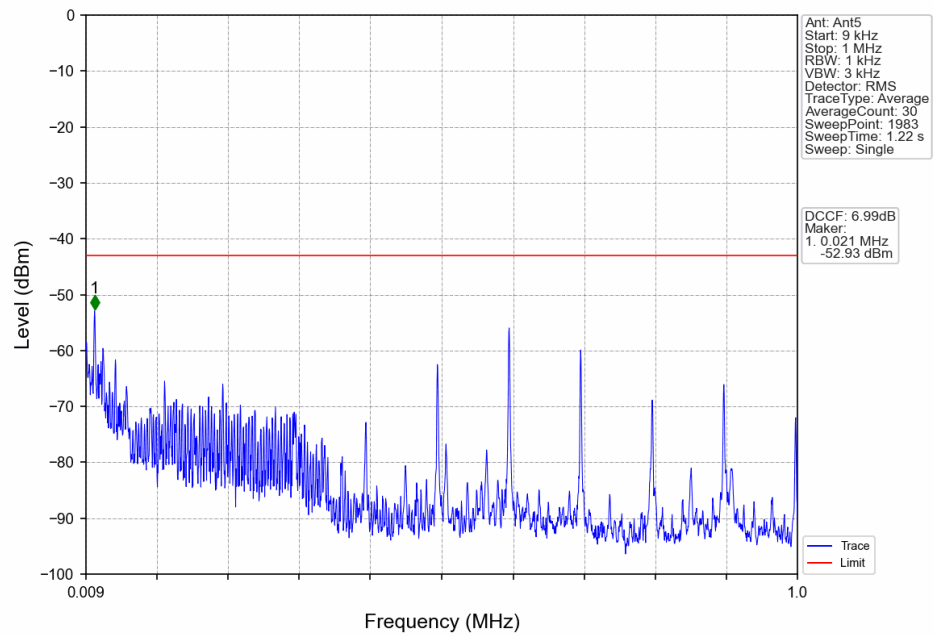
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



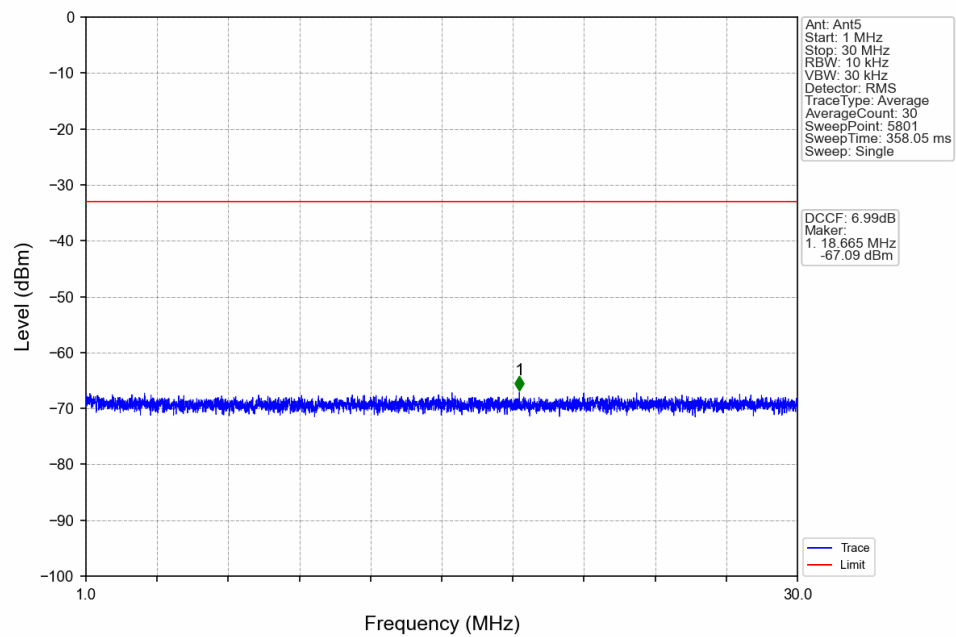
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3525MHz Edge 1RB Right



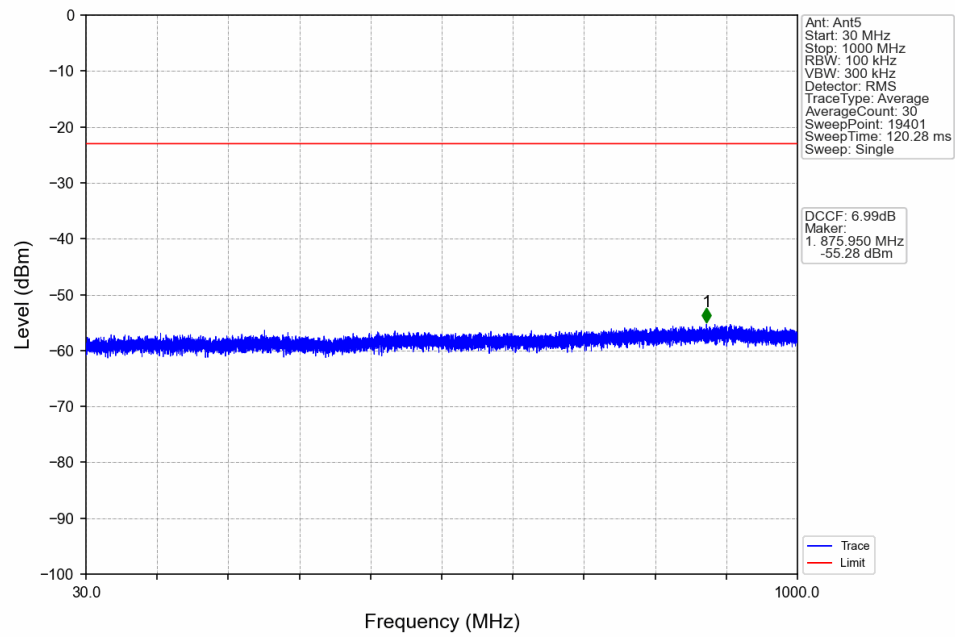
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3525MHz Edge 1RB Right



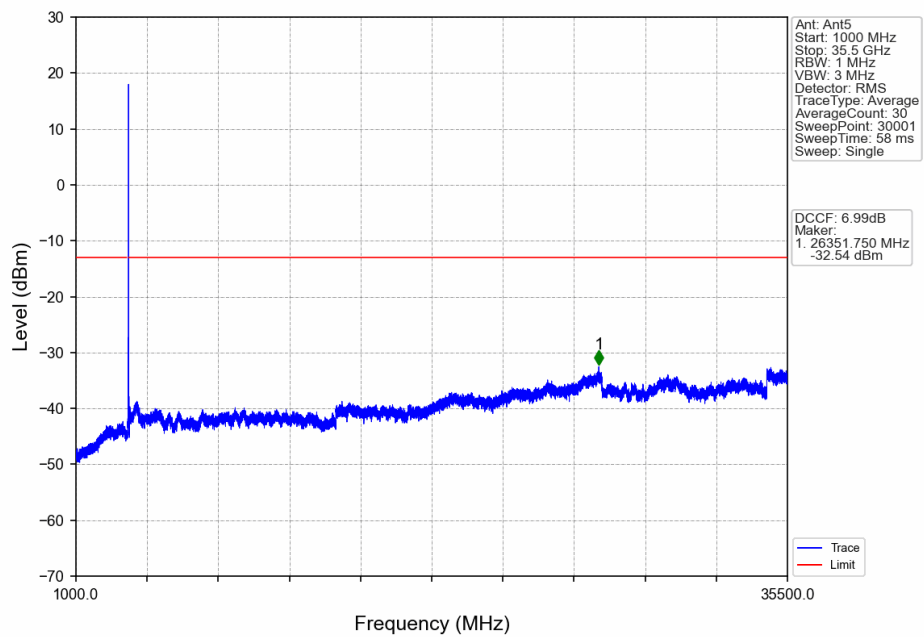
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3525MHz Edge 1RB Right



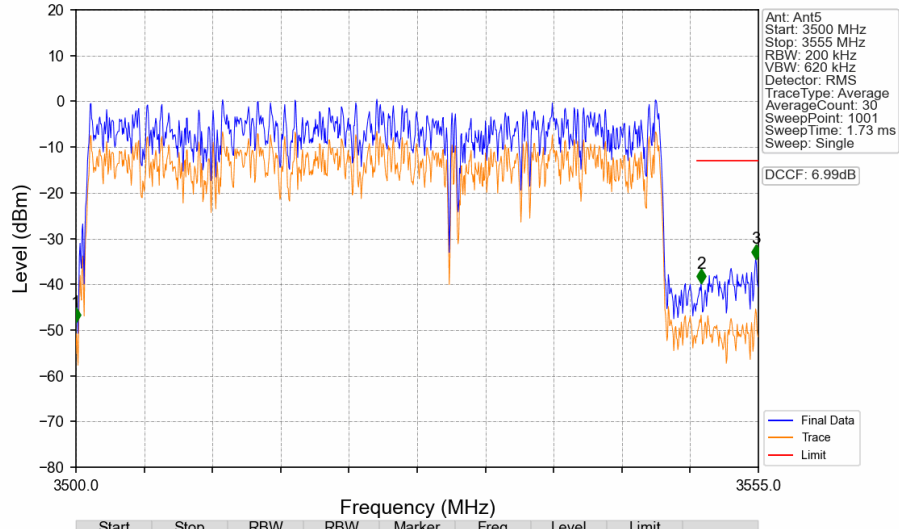
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3525MHz Edge 1RB Right



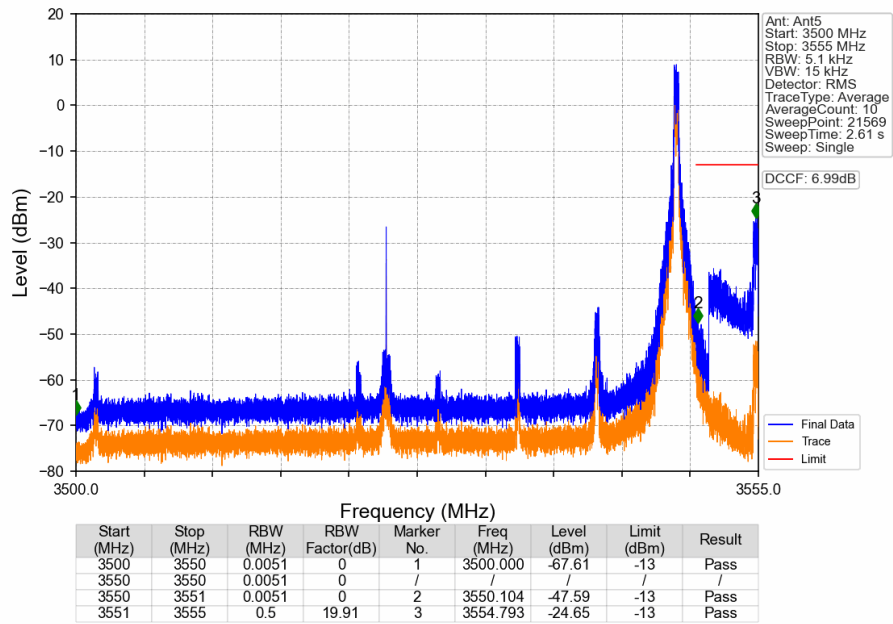
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3525MHz Edge 1RB Right



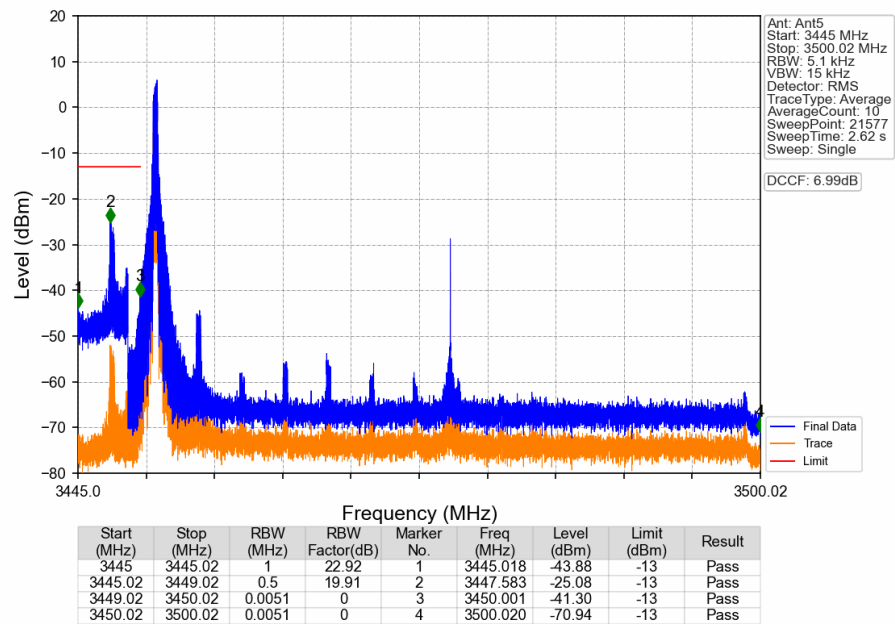
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3525MHz Outer Full



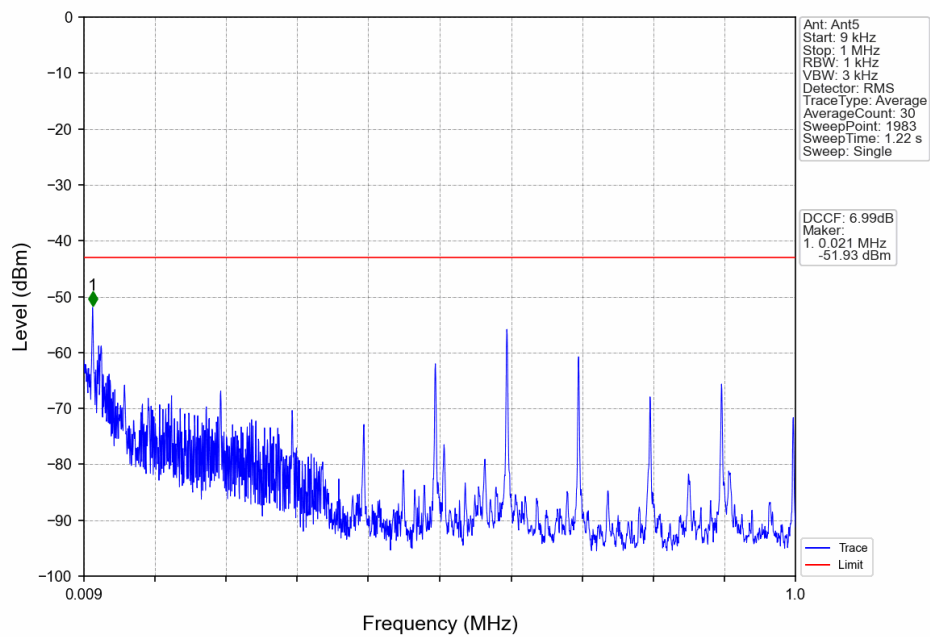
n78e 30kHz SISO NTN 50MHz DFT-s-OFDM QPSK 3525MHz Inner 1RB Right



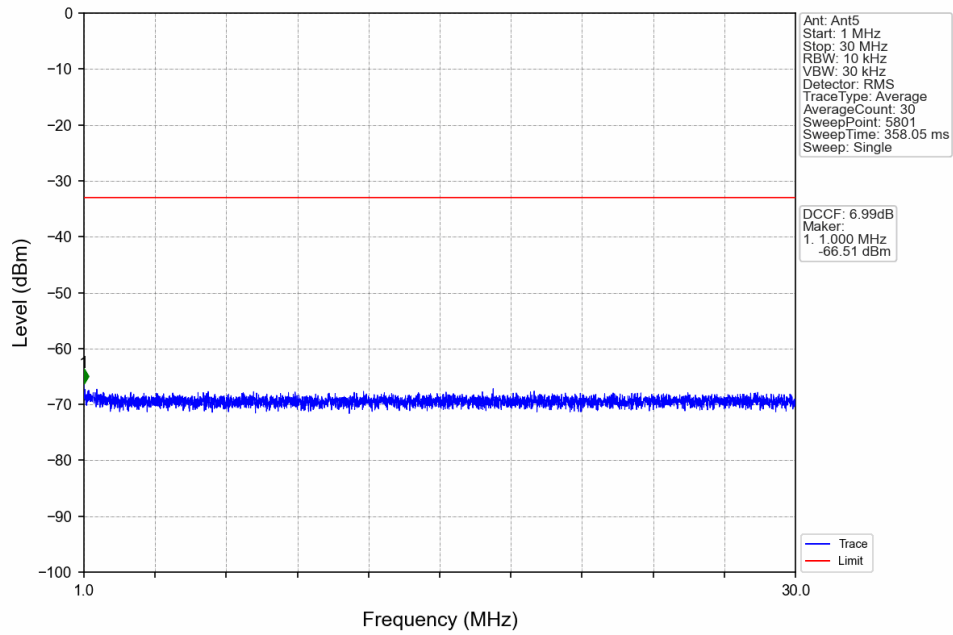
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left



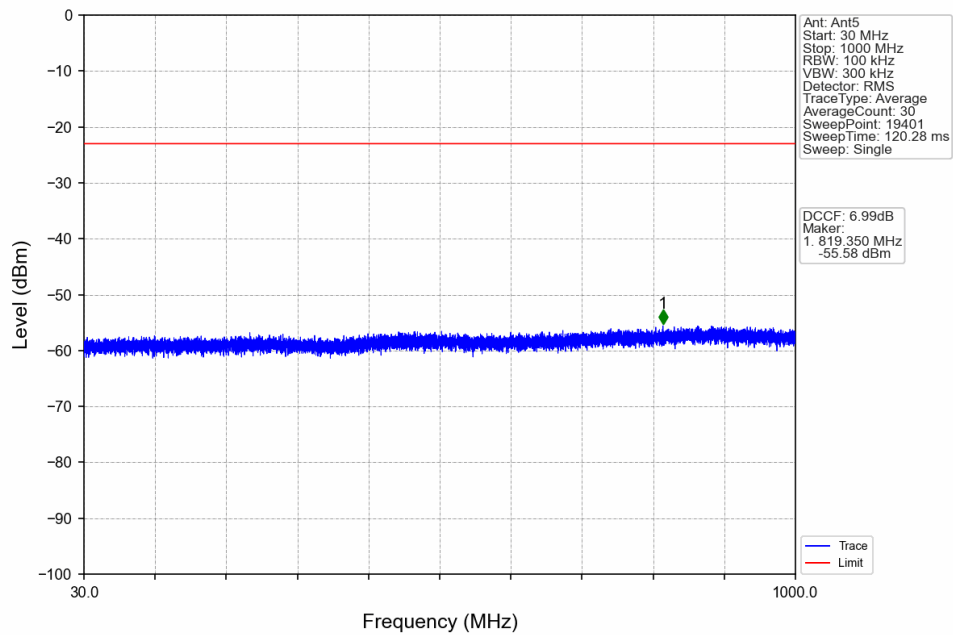
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left



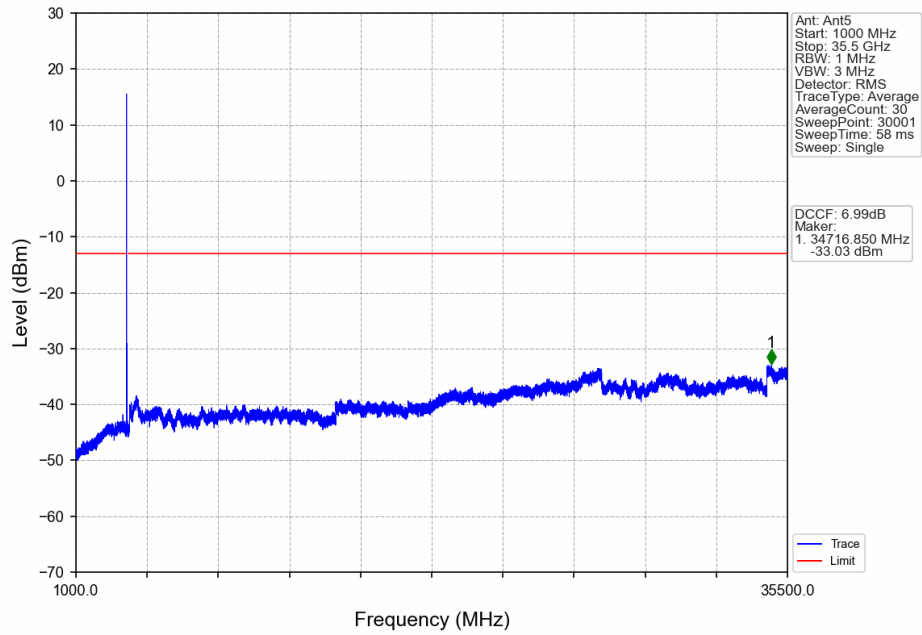
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left



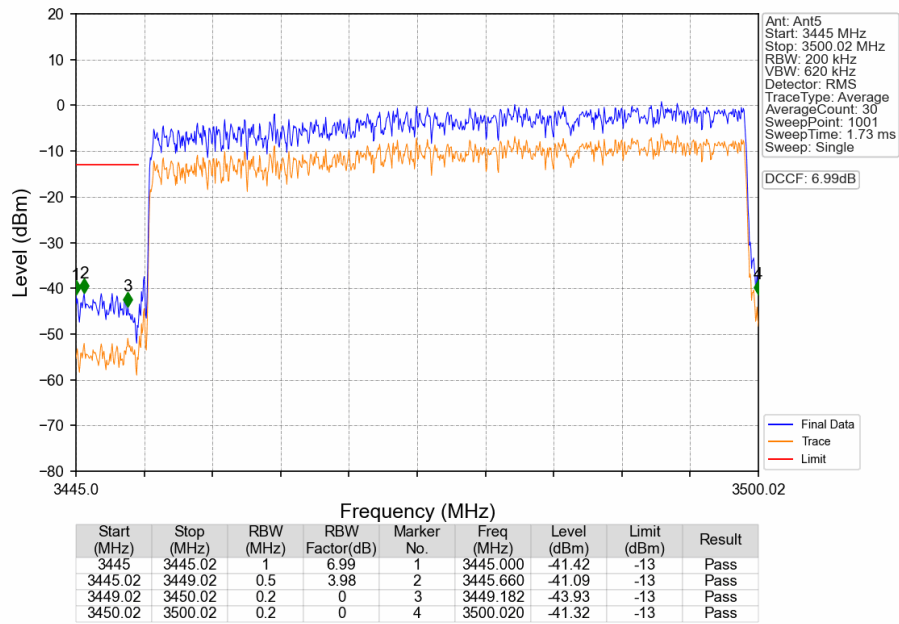
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left



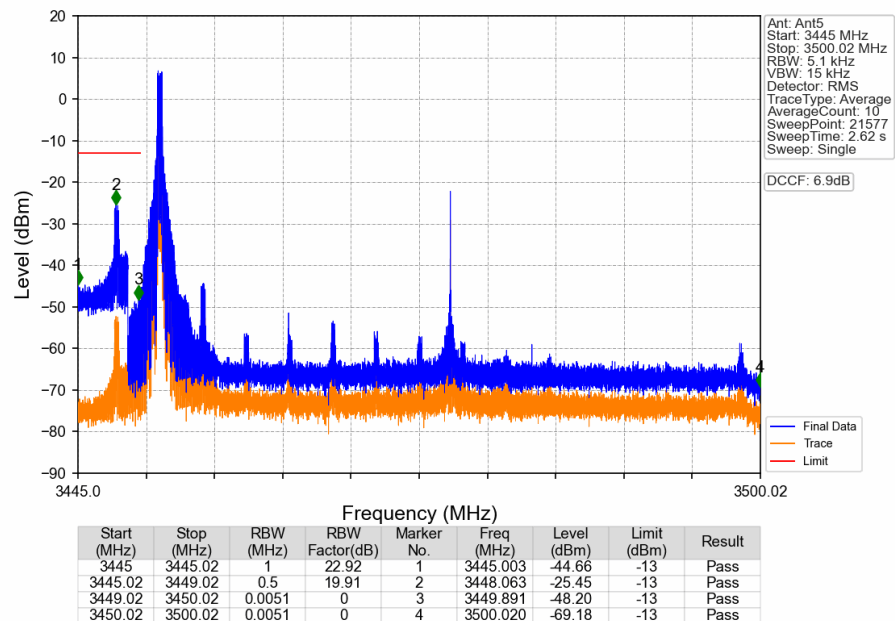
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Edge 1RB Left



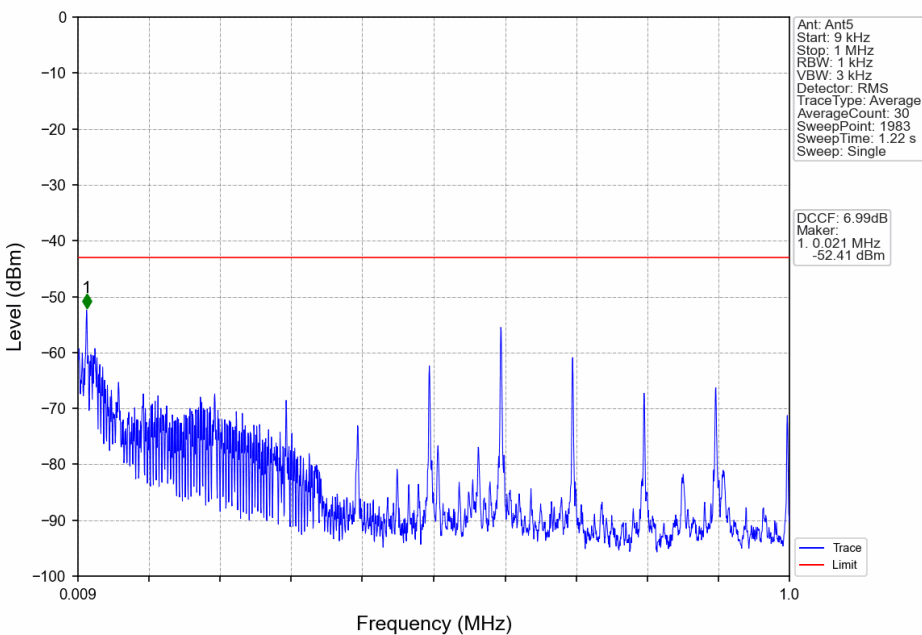
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Outer Full



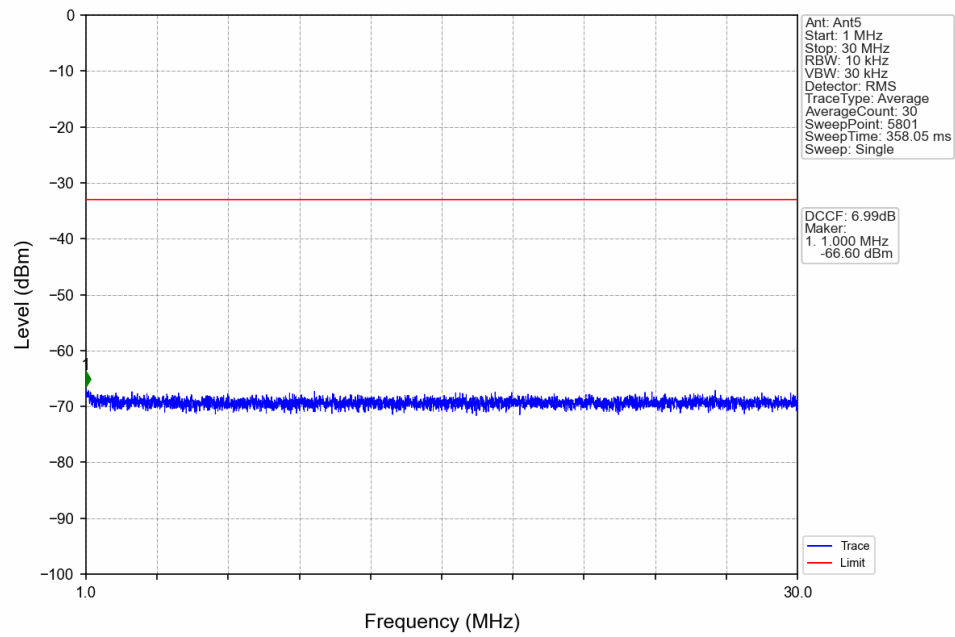
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3475.02MHz Inner 1RB Left



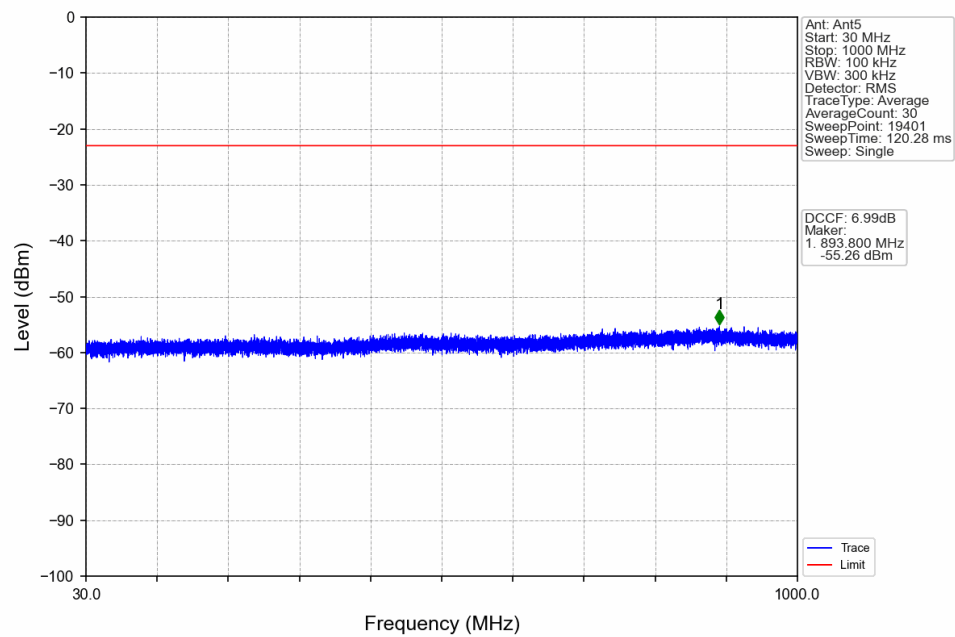
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



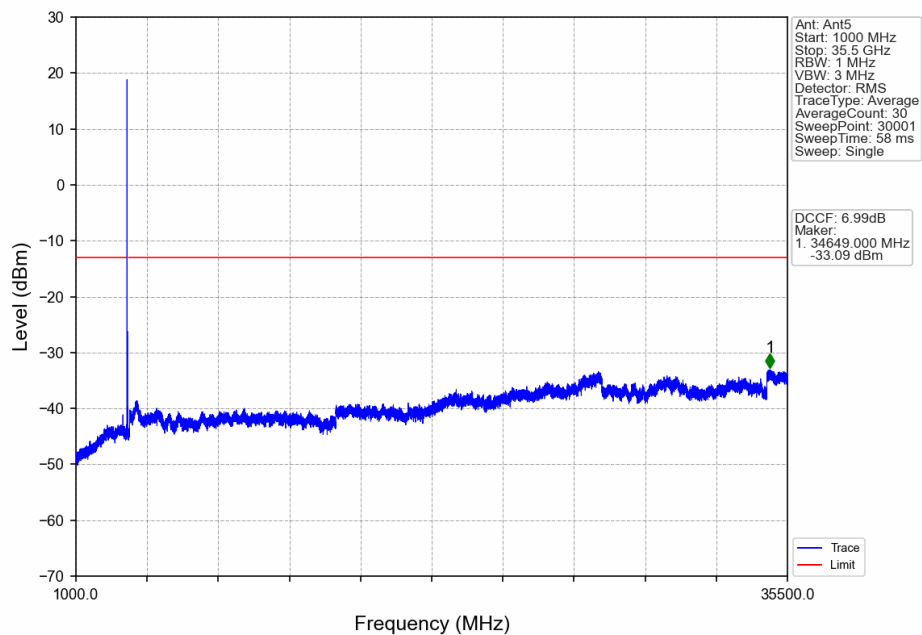
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



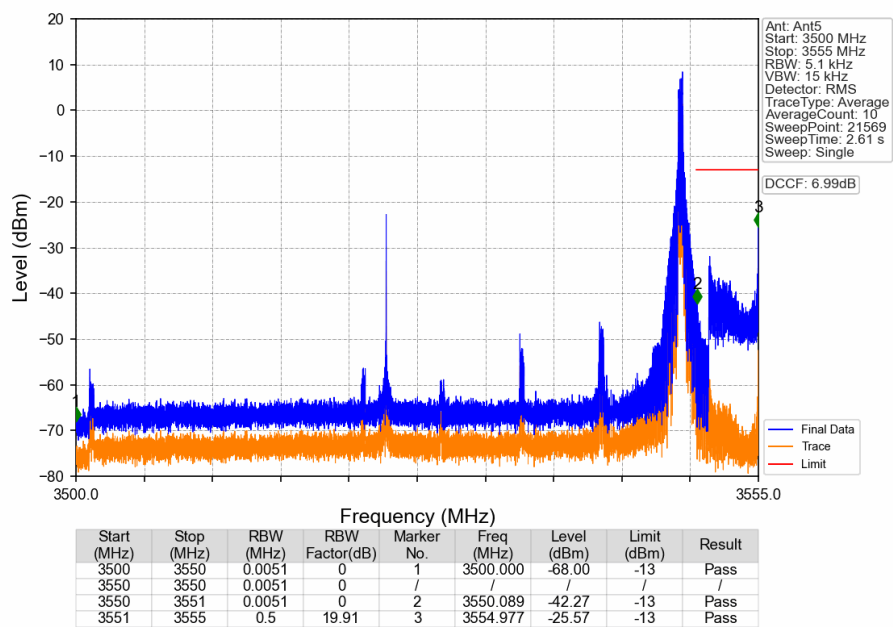
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



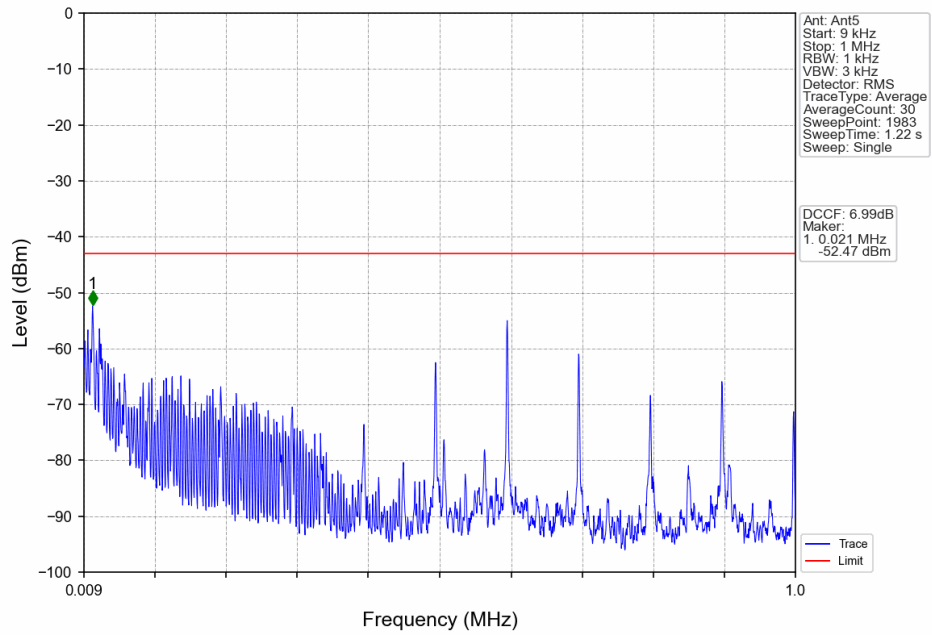
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



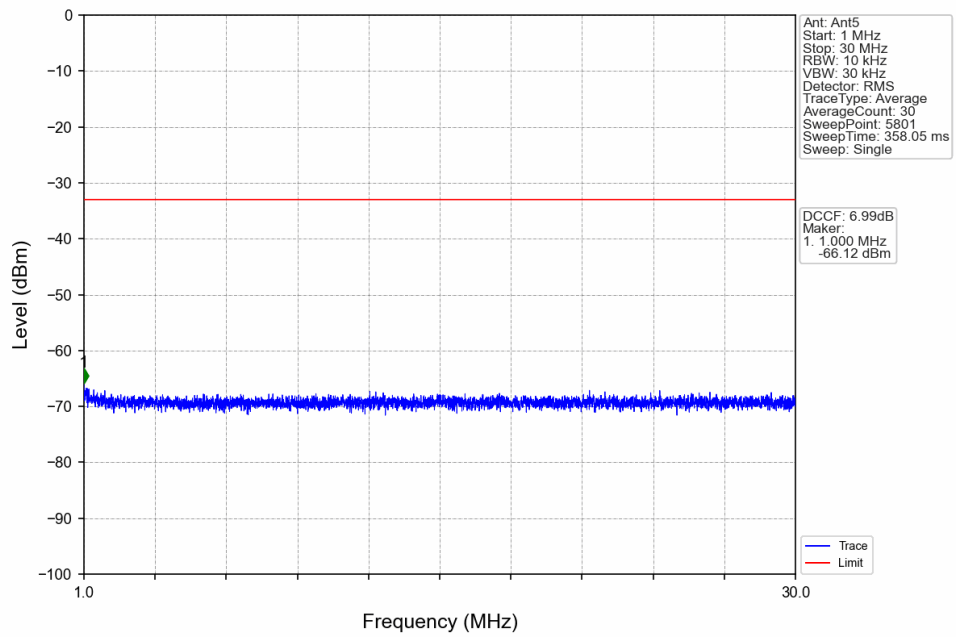
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Edge 1RB Right



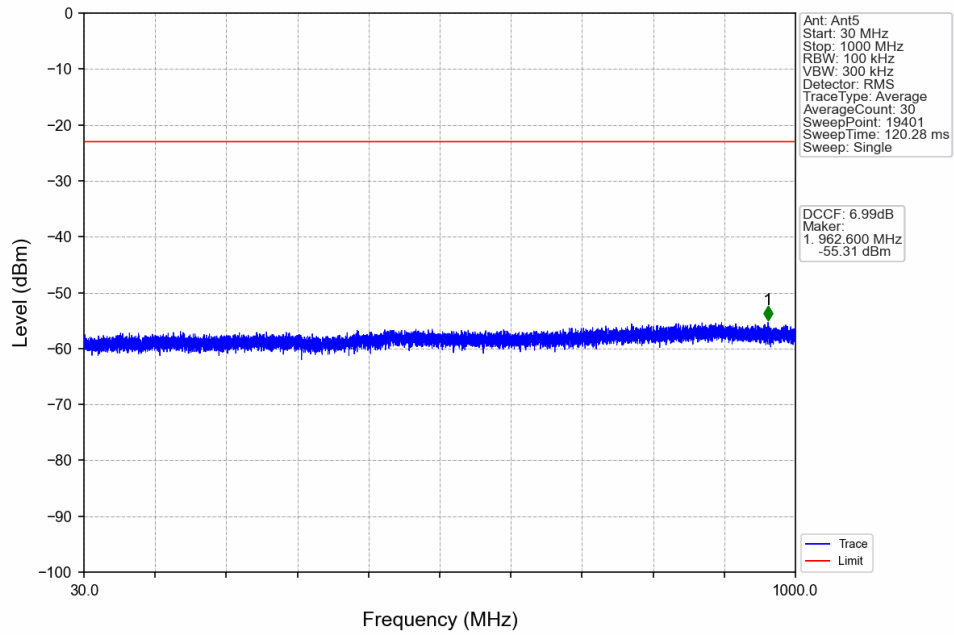
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Edge 1RB Right



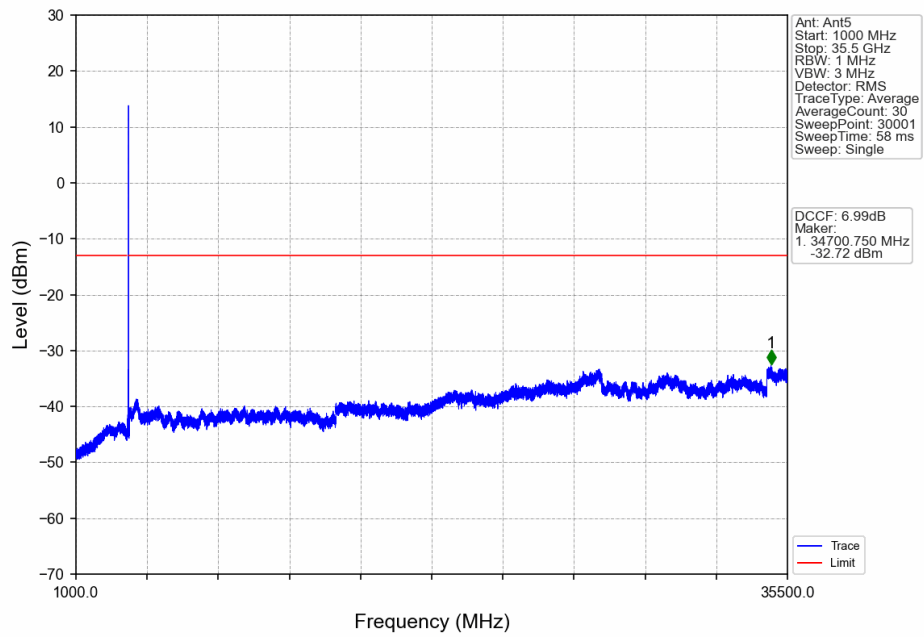
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Edge 1RB Right



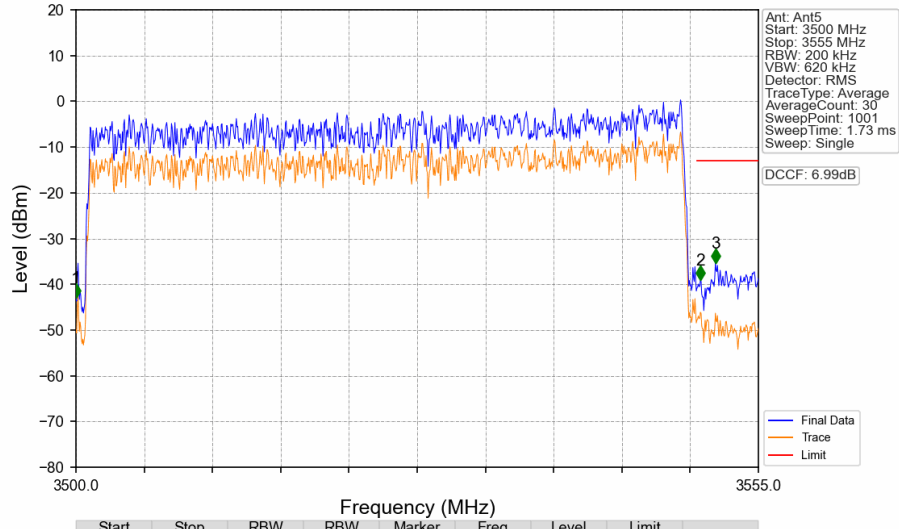
n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Edge 1RB Right



n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Edge 1RB Right

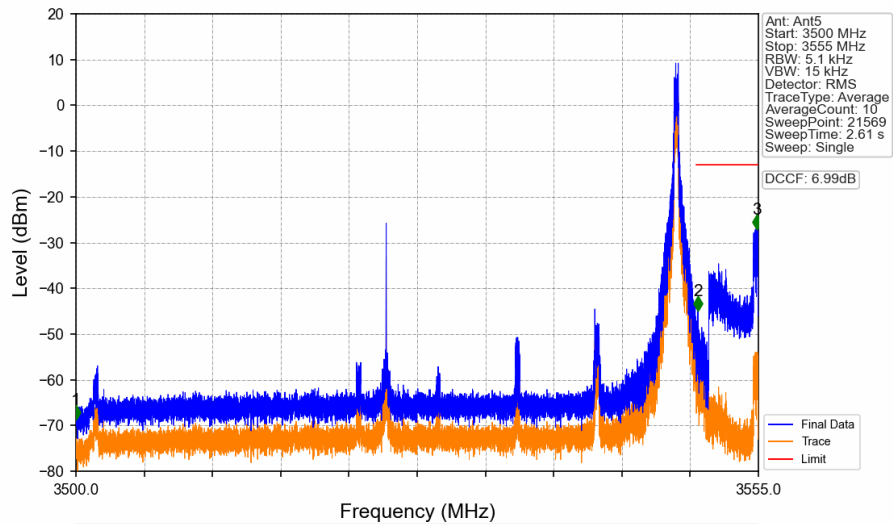


n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Outer Full



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3500	3550	0.2	0	1	3500.000	-42.95	-13	Pass
3550	3550	0.2	0	/	/	/	/	/
3550	3551	0.2	0	2	3550.325	-39.12	-13	Pass
3551	3555	0.5	3.98	3	3551.535	-35.35	-13	Pass

n78e 30kHz SISO NTN 50MHz CP-OFDM QPSK 3525MHz Inner 1RB Right



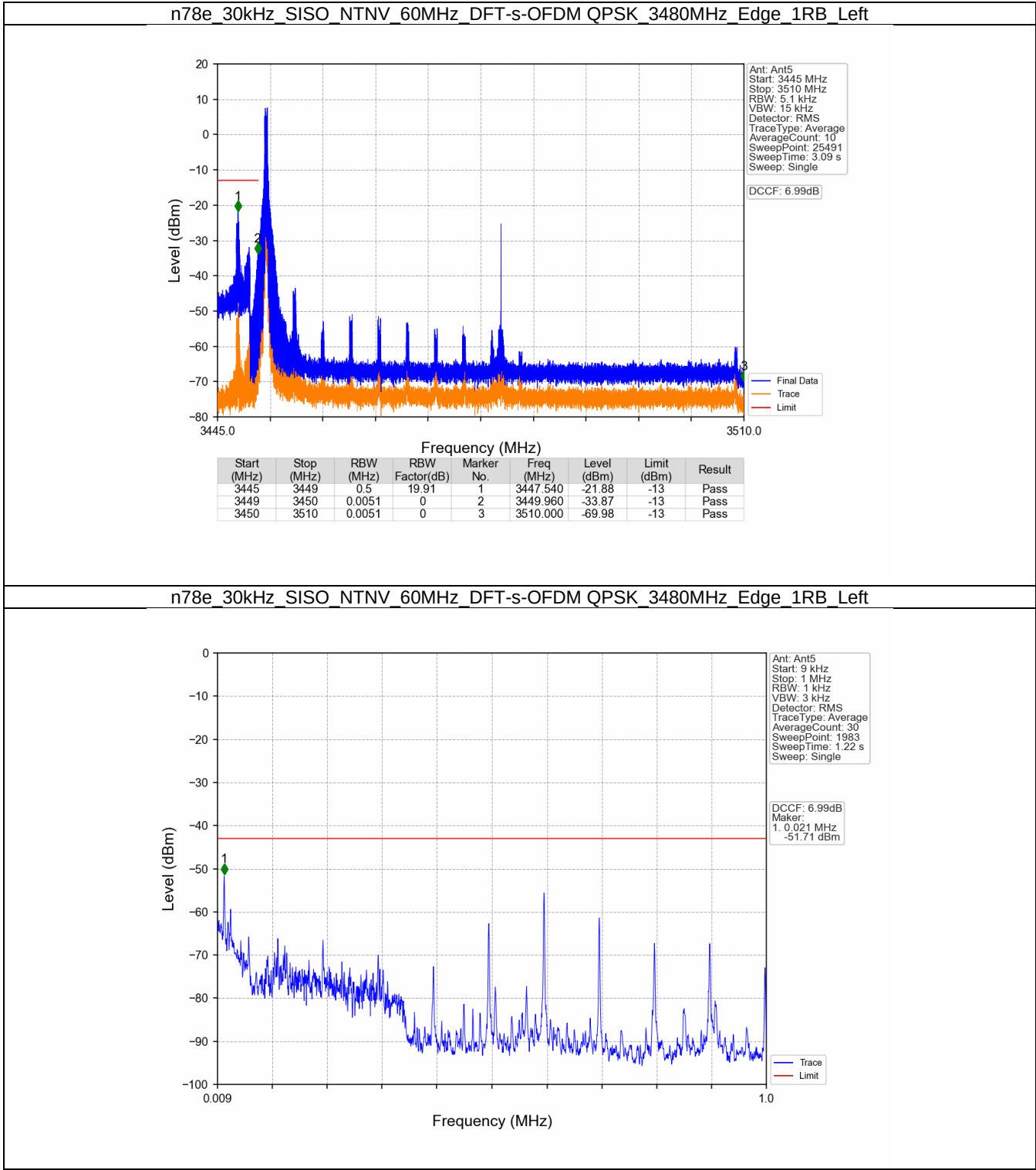
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3500	3550	0.0051	0	1	3500.000	-68.79	-13	Pass
3550	3550	0.0051	0	/	/	/	/	/
3550	3551	0.0051	0	2	3550.124	-44.94	-13	Pass
3551	3555	0.5	19.91	3	3554.865	-27.06	-13	Pass

1.5 30k_SISO_60MHz_NTNV

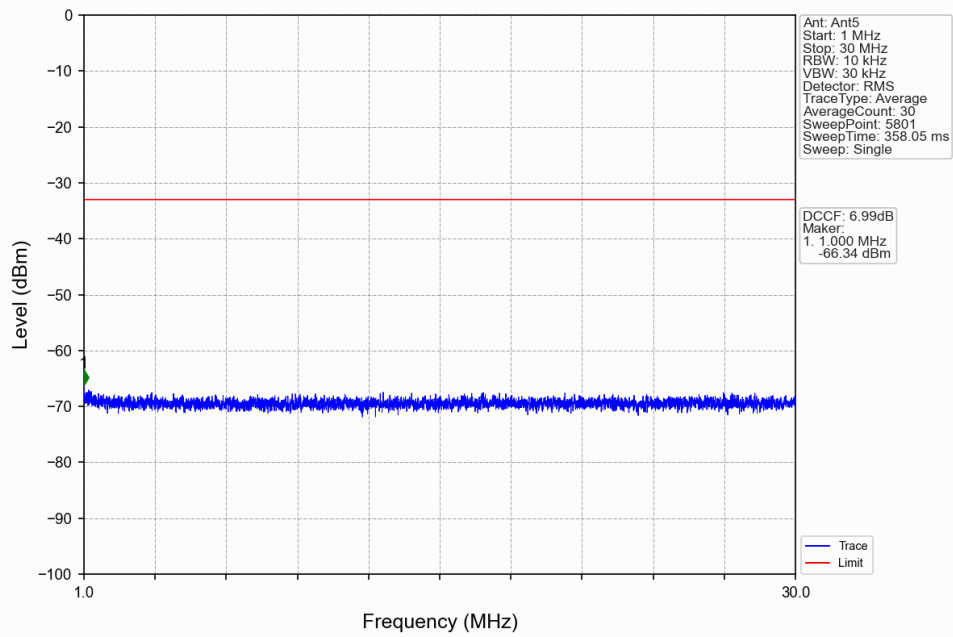
1.5.1 Test Result

5G NR n78e SCS=30kHz SISO 60MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3480	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
	3519.99	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3480	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
	3519.99	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

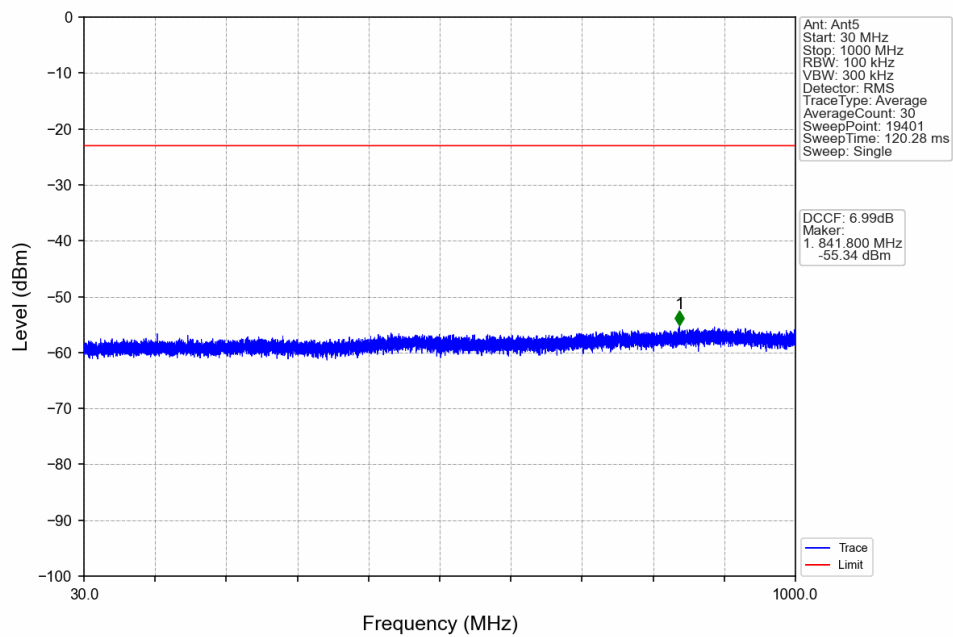
1.5.2 Test Graph



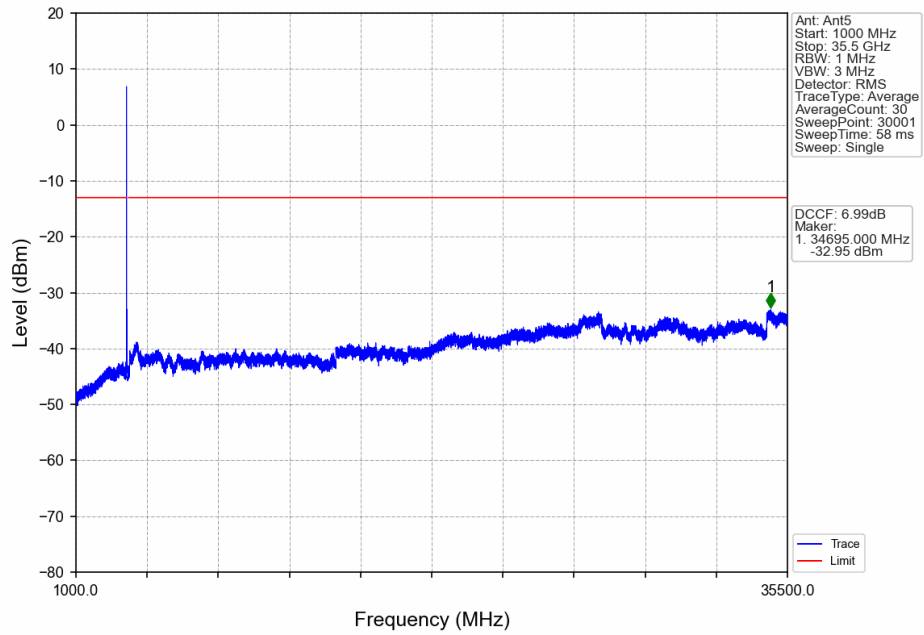
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3480MHz Edge 1RB Left



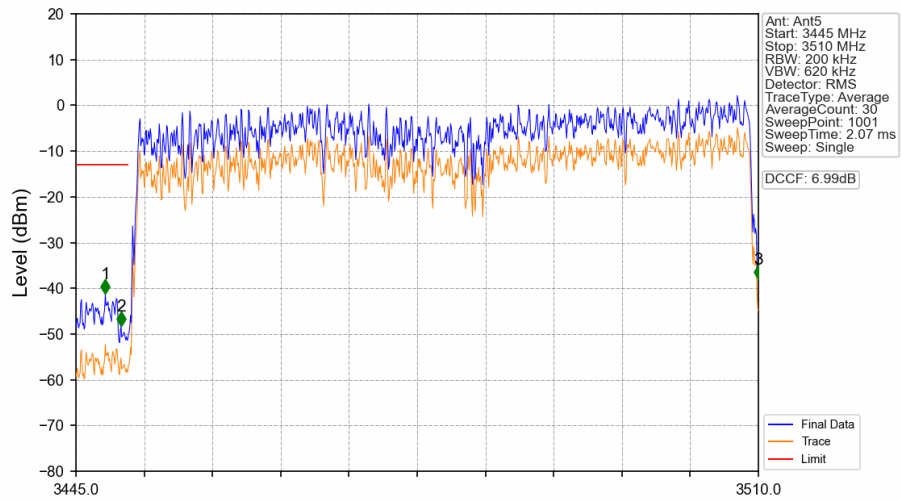
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3480MHz Edge 1RB Left



n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3480MHz Edge 1RB Left

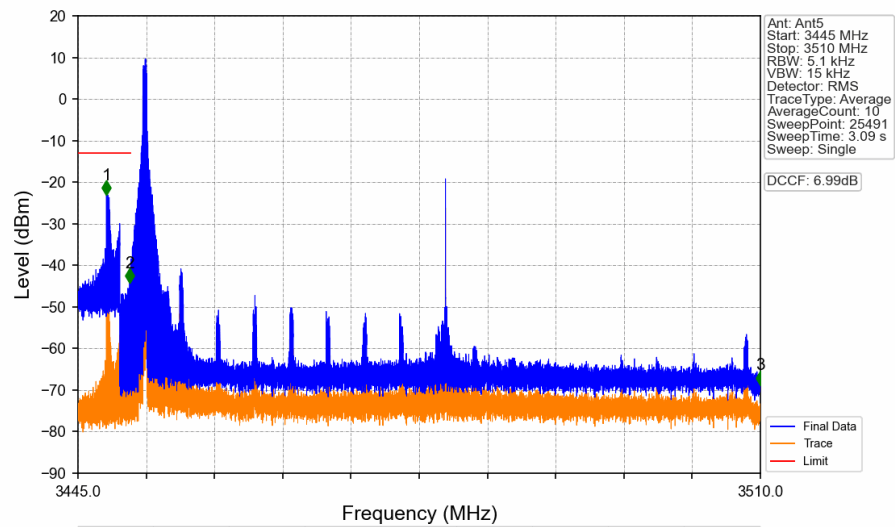


n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3480MHz Outer Full

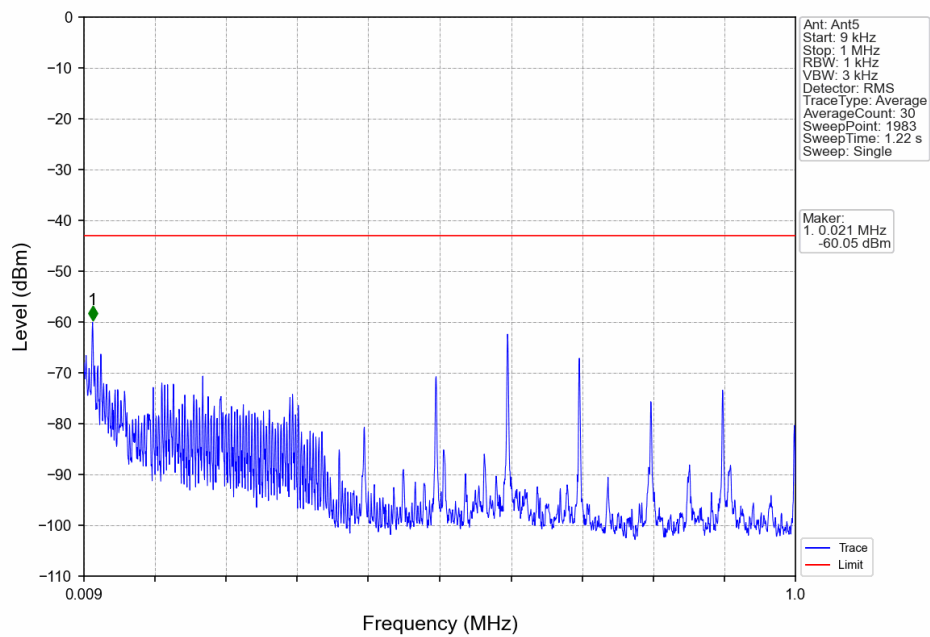


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	3.98	1	3447.795	-41.23	-13	Pass
3449	3450	0.2	0	2	3449.290	-48.23	-13	Pass
3450	3510	0.2	0	3	3510.000	-37.98	-13	Pass

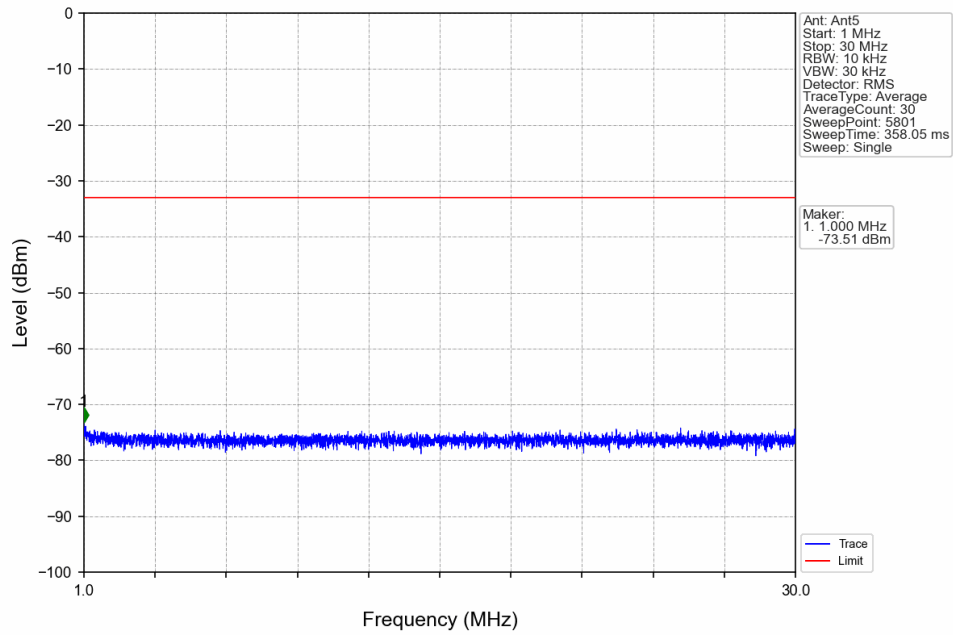
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3480MHz Inner 1RB Left



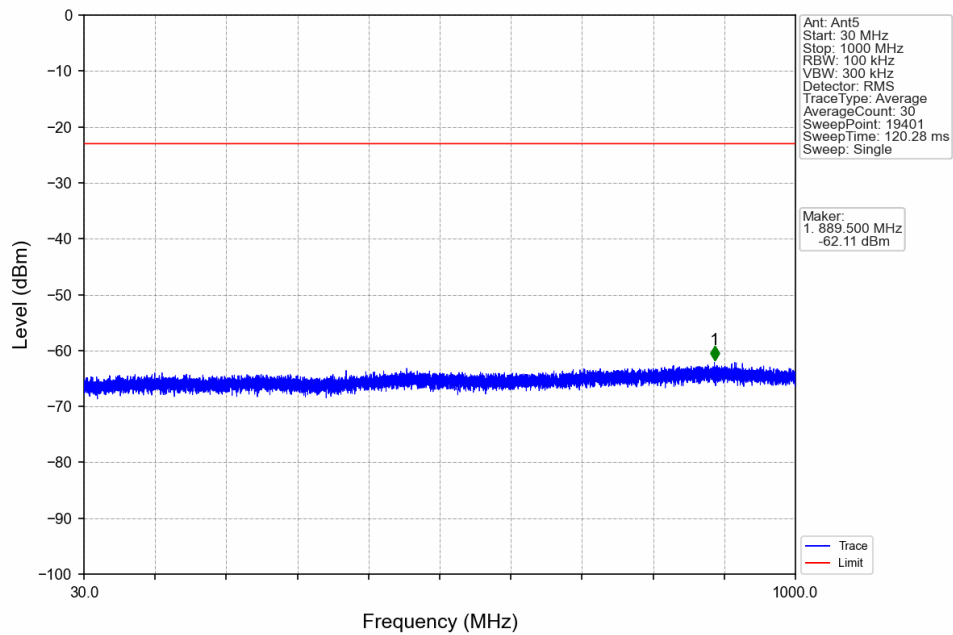
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



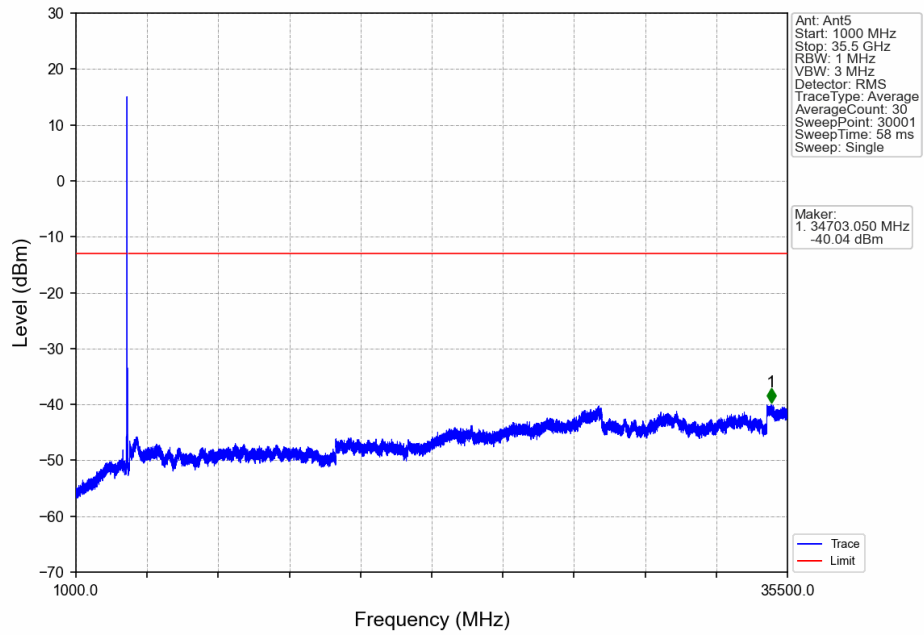
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



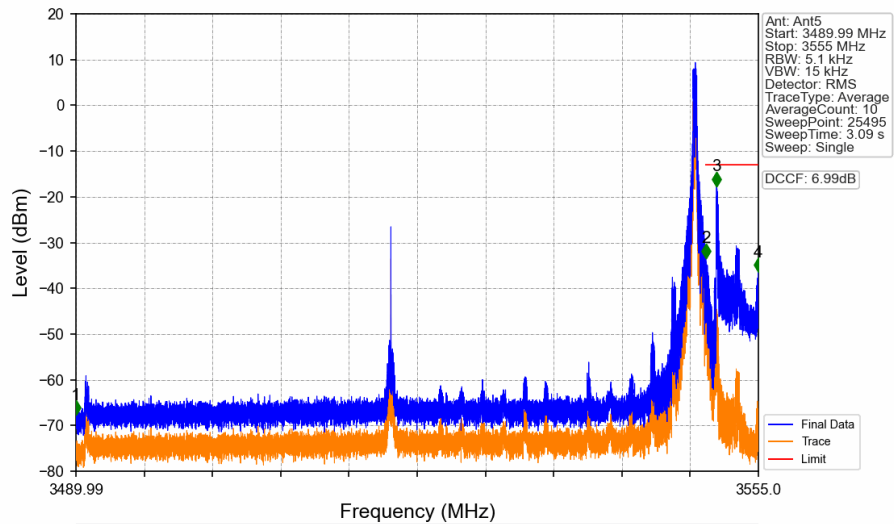
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left

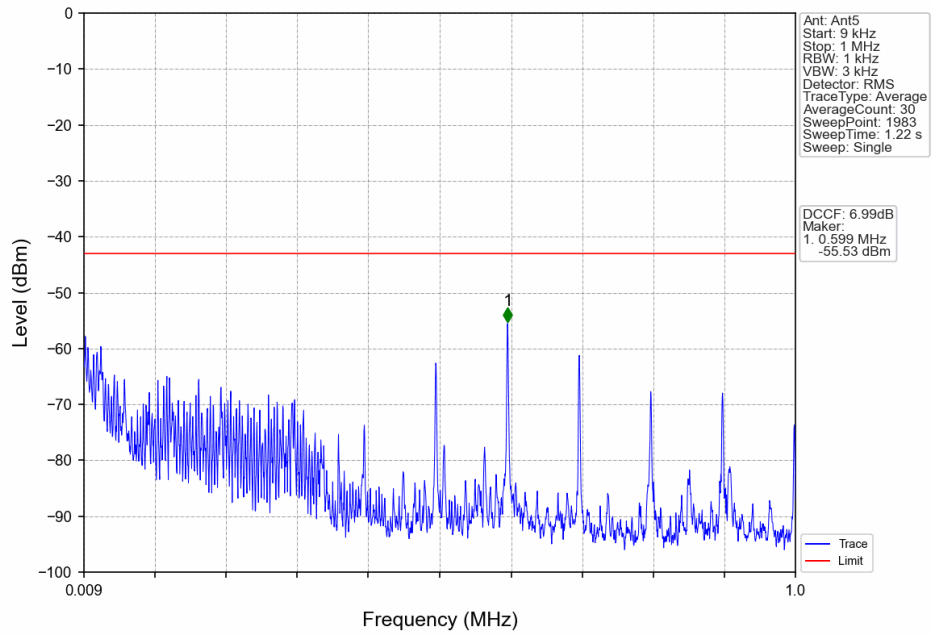


n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3519.99MHz Edge 1RB Right

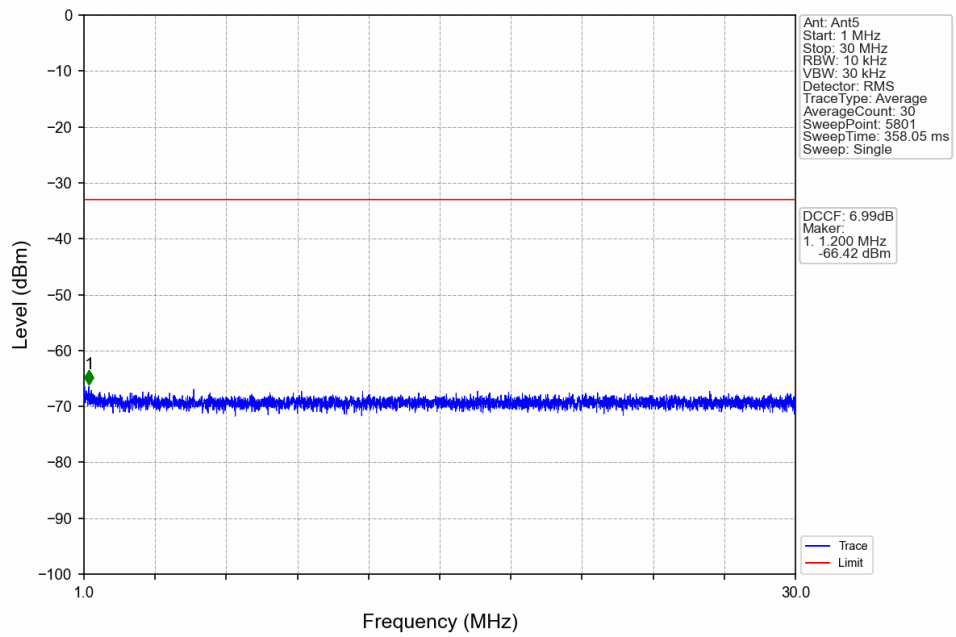


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3489.99	3549.99	0.0051	0	1	3489.990	-67.63	-13	Pass
3549.99	3549.99	0.0051	0	/	/	/	/	/
3549.99	3550.99	0.0051	0	2	3549.997	-33.35	-13	Pass
3550.99	3554.99	0.5	19.91	3	3551.014	-17.66	-13	Pass
3554.99	3555	1	22.92	4	3554.992	-36.39	-13	Pass

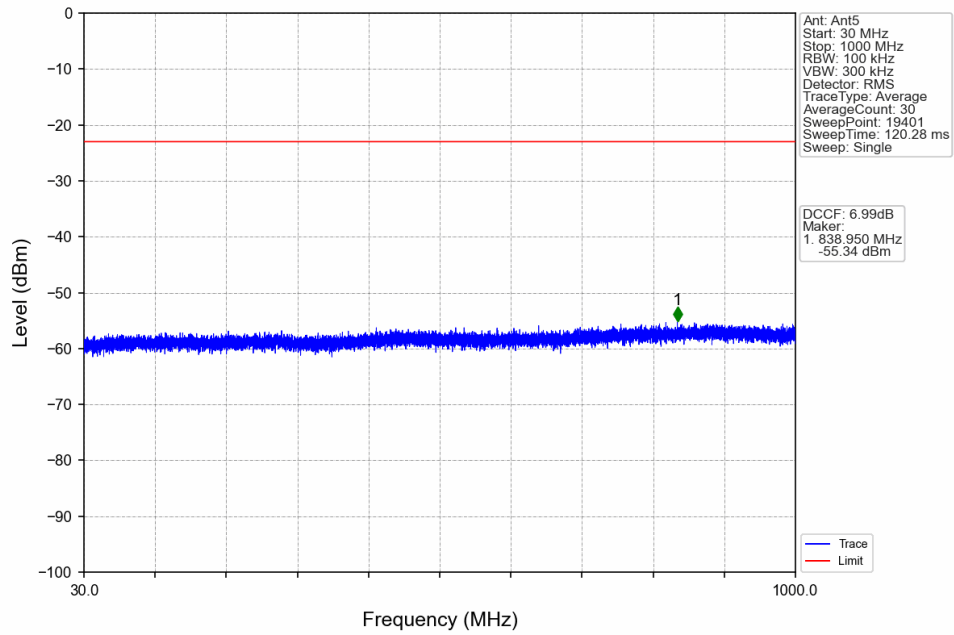
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3519.99MHz Edge 1RB Right



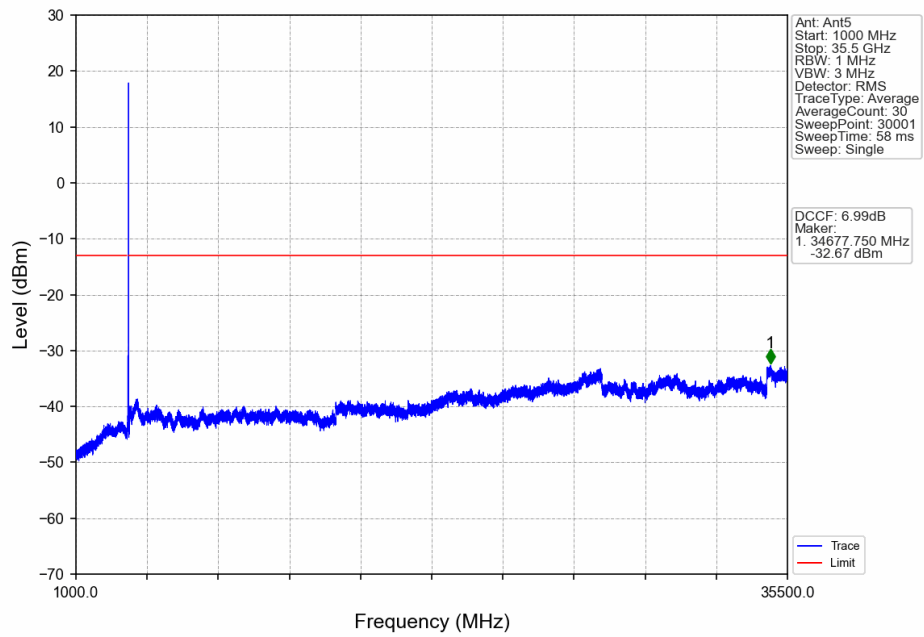
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3519.99MHz Edge 1RB Right



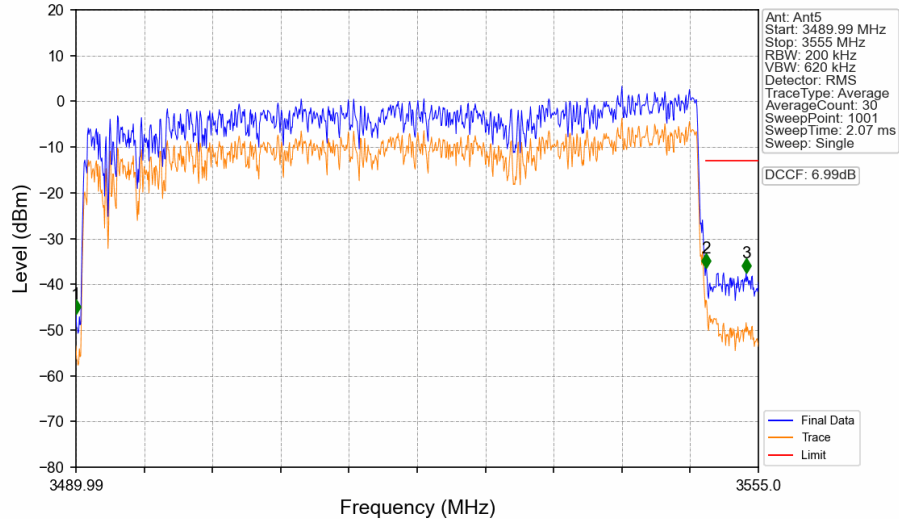
n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3519.99MHz Edge 1RB Right



n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3519.99MHz Edge 1RB Right

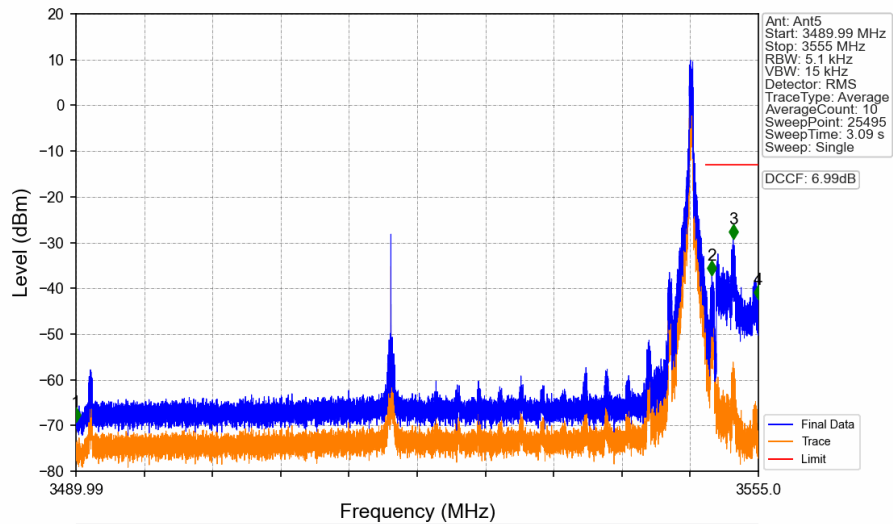


n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3519.99MHz Outer Full



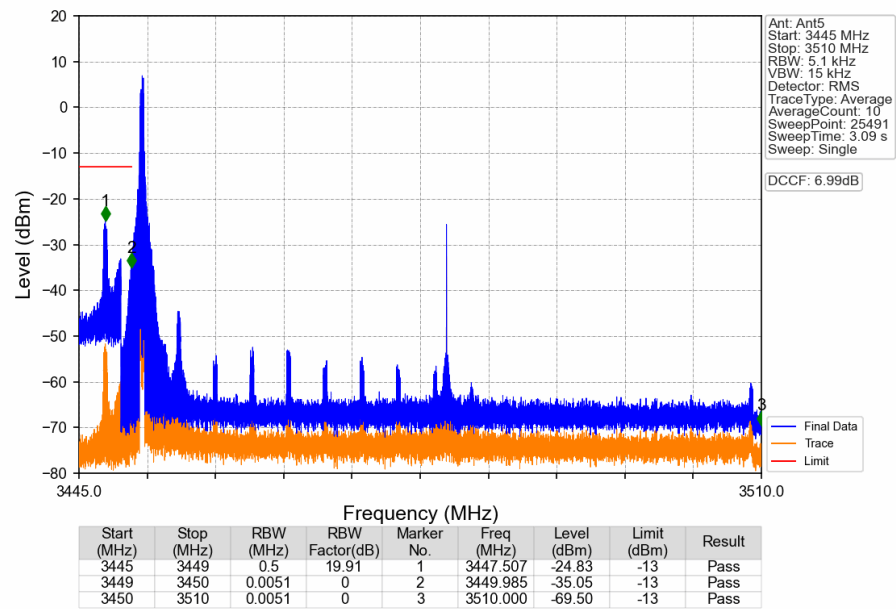
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3489.99	3549.99	0.2	0	1	3489.990	-46.55	-13	Pass
3549.99	3549.99	0.2	0	/	/	/	/	/
3549.99	3550.99	0.2	0	2	3549.994	-36.49	-13	Pass
3550.99	3554.99	0.5	3.98	3	3553.830	-37.44	-13	Pass

n78e 30kHz SISO NTN 60MHz DFT-s-OFDM QPSK 3519.99MHz Inner 1RB Right

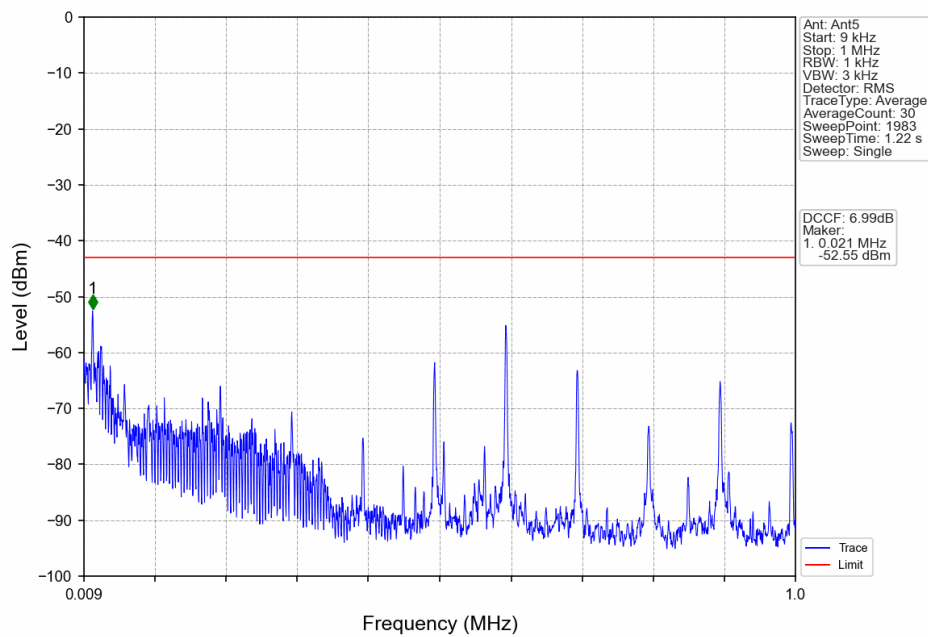


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3489.99	3549.99	0.0051	0	1	3489.990	-69.32	-13	Pass
3549.99	3549.99	0.0051	0	/	/	/	/	/
3549.99	3550.99	0.0051	0	2	3550.568	-37.13	-13	Pass
3550.99	3554.99	0.5	19.91	3	3552.593	-29.25	-13	Pass
3554.99	3555	1	22.92	4	3554.995	-42.39	-13	Pass

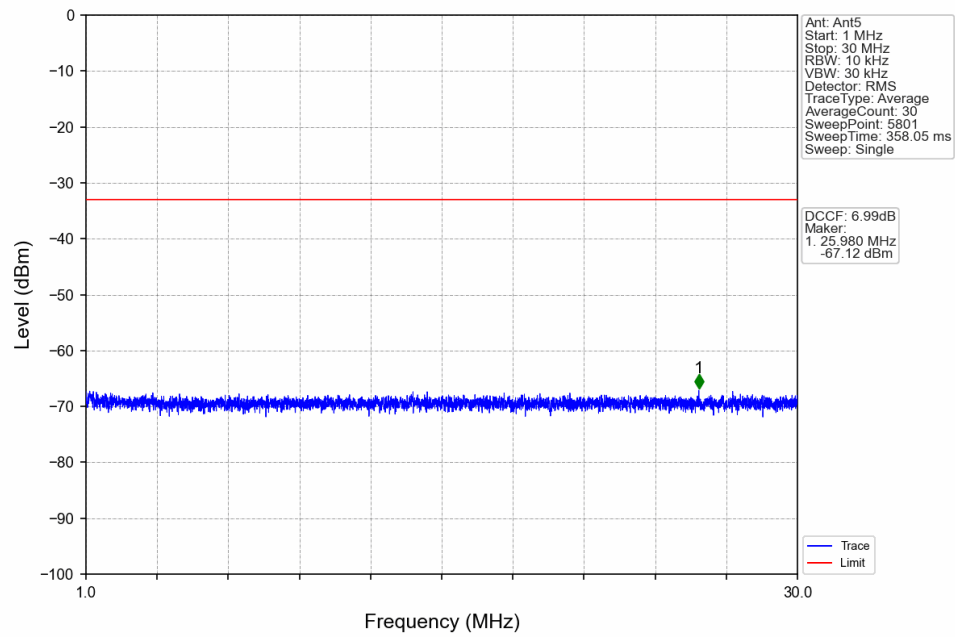
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3480MHz Edge 1RB Left



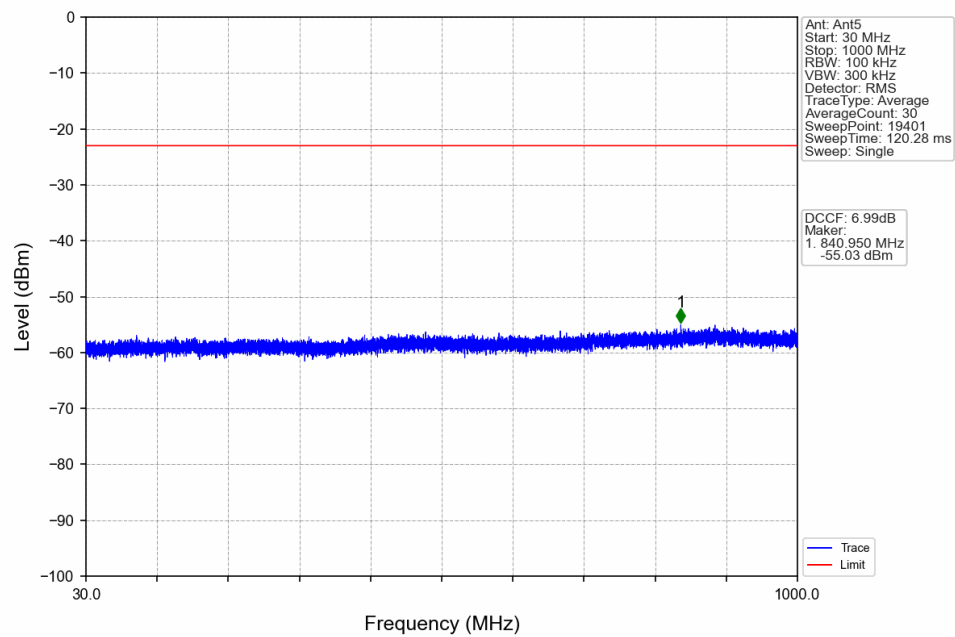
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3480MHz Edge 1RB Left



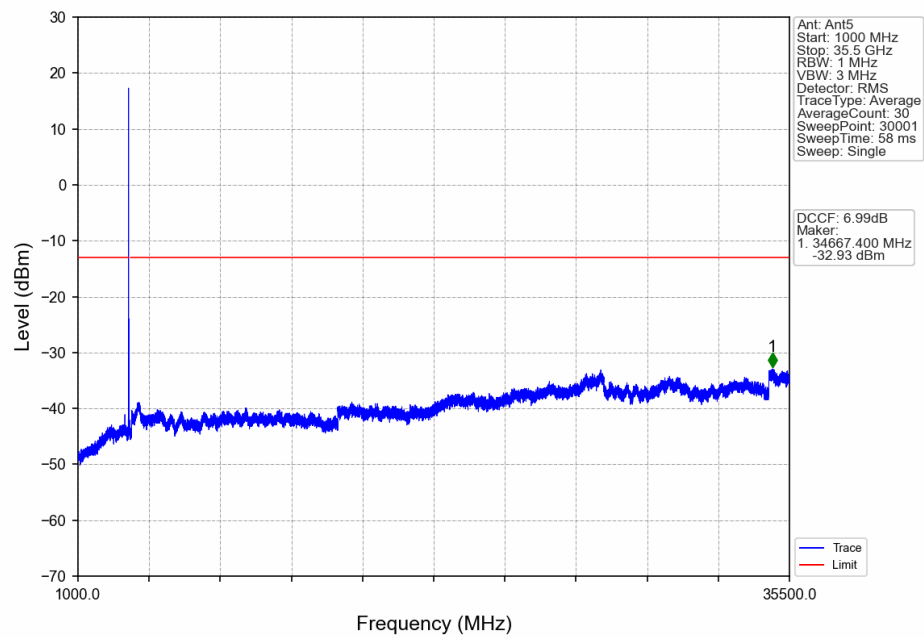
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3480MHz Edge 1RB Left



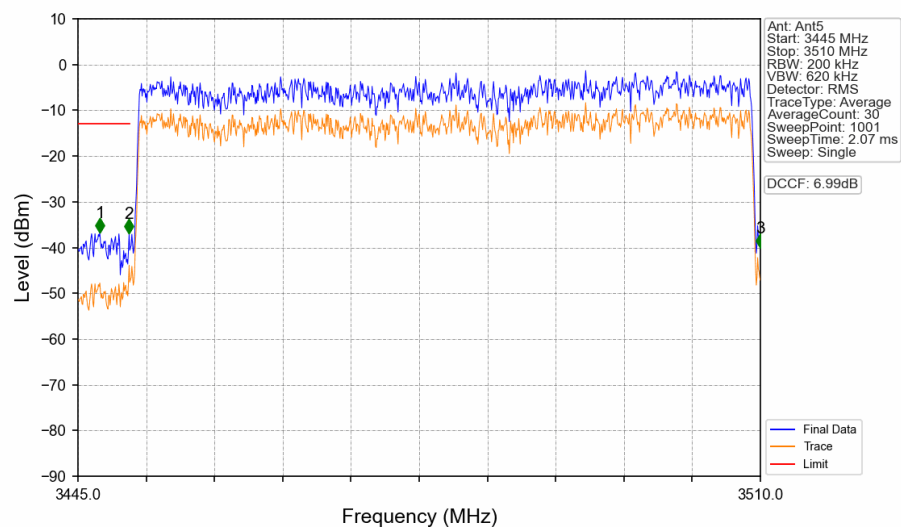
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3480MHz Edge 1RB Left



n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3480MHz Edge 1RB Left

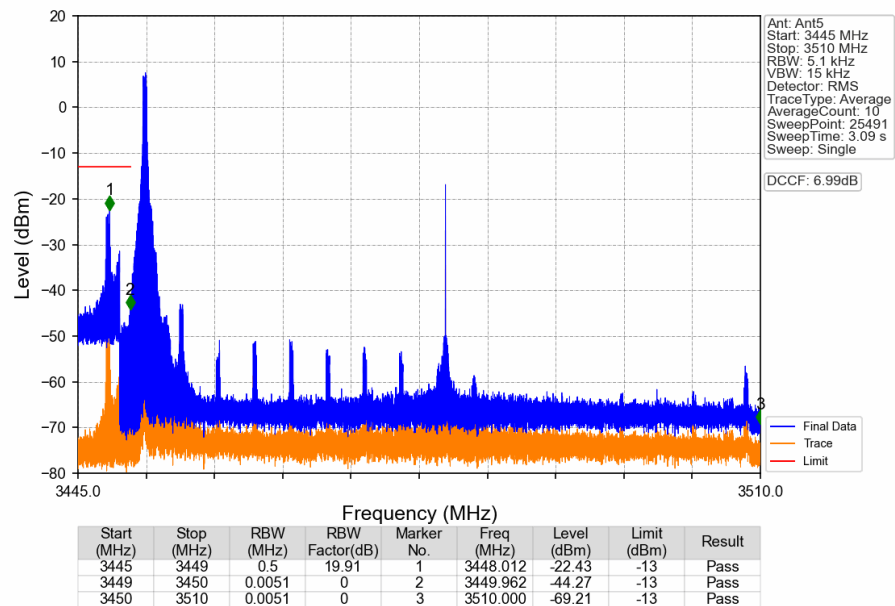


n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3480MHz Outer Full

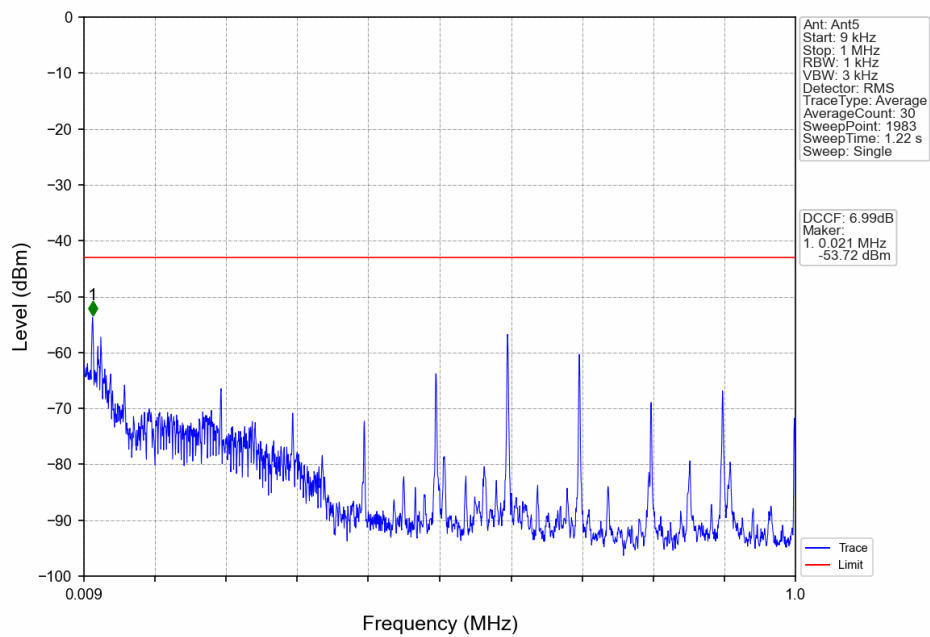


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3449	0.5	3.98	1	3447.080	-36.76	-13	Pass
3449	3450	0.2	0	2	3449.875	-36.88	-13	Pass
3450	3510	0.2	0	3	3510.000	-40.16	-13	Pass

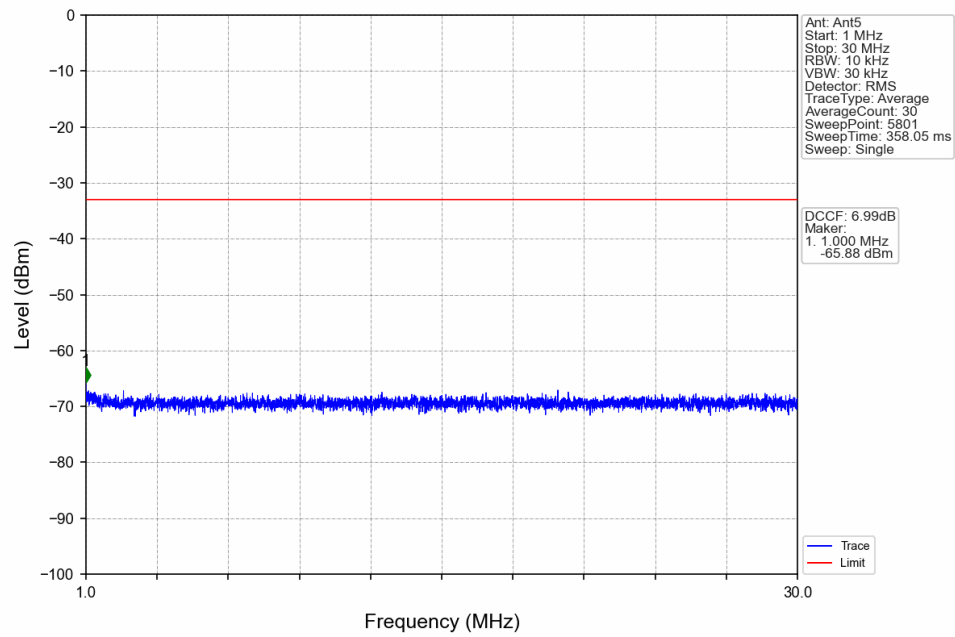
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3480MHz Inner 1RB Left



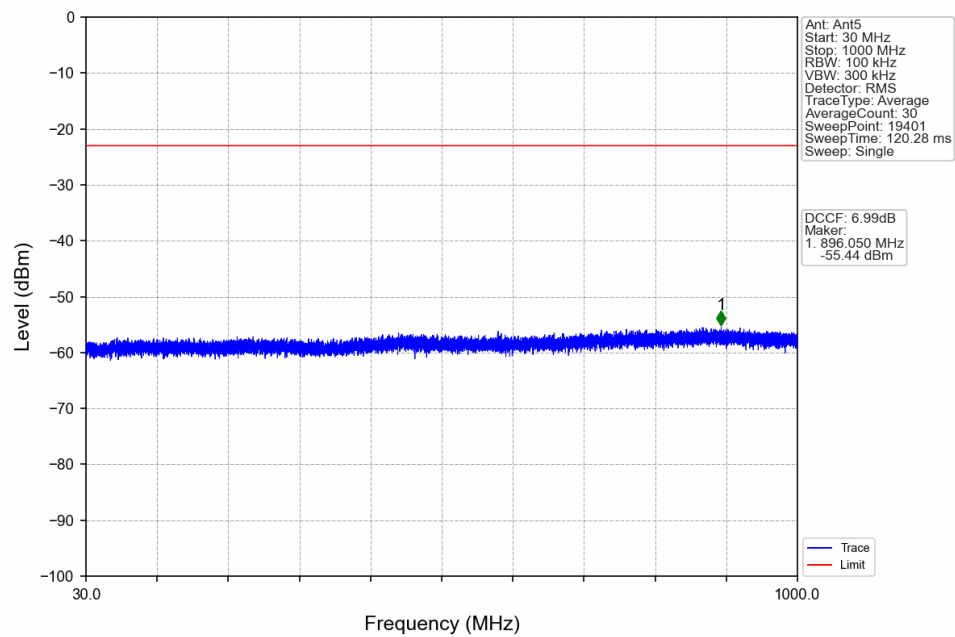
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



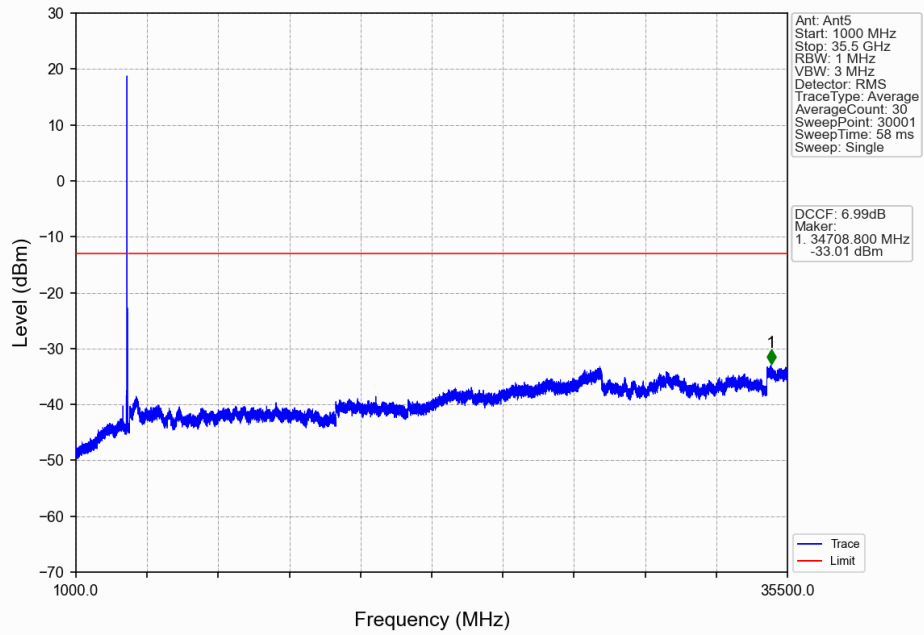
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



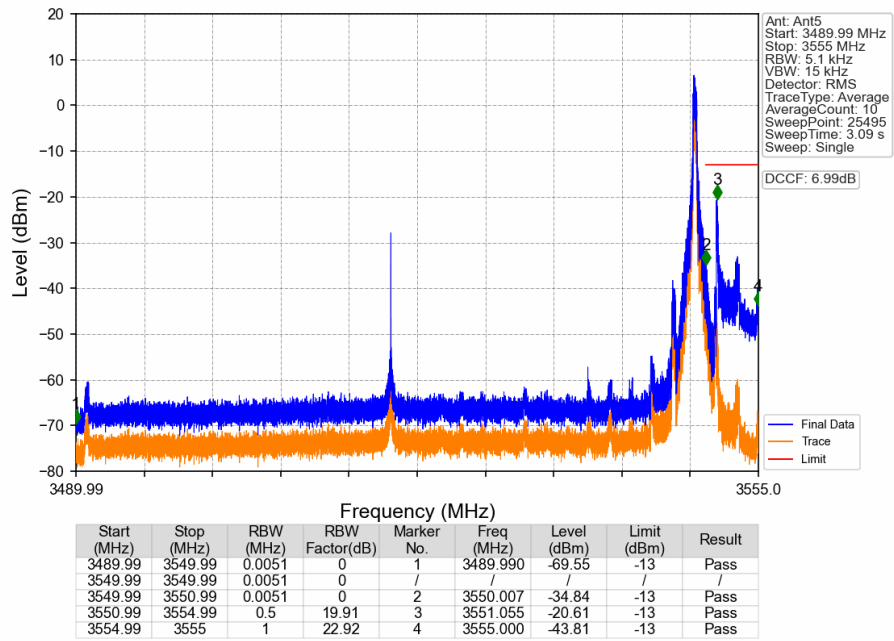
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



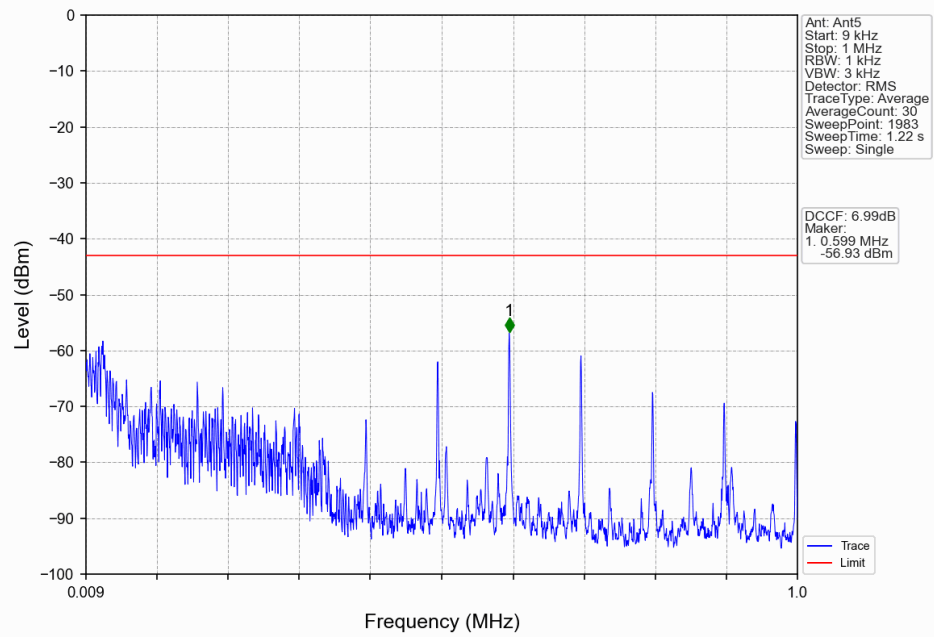
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left



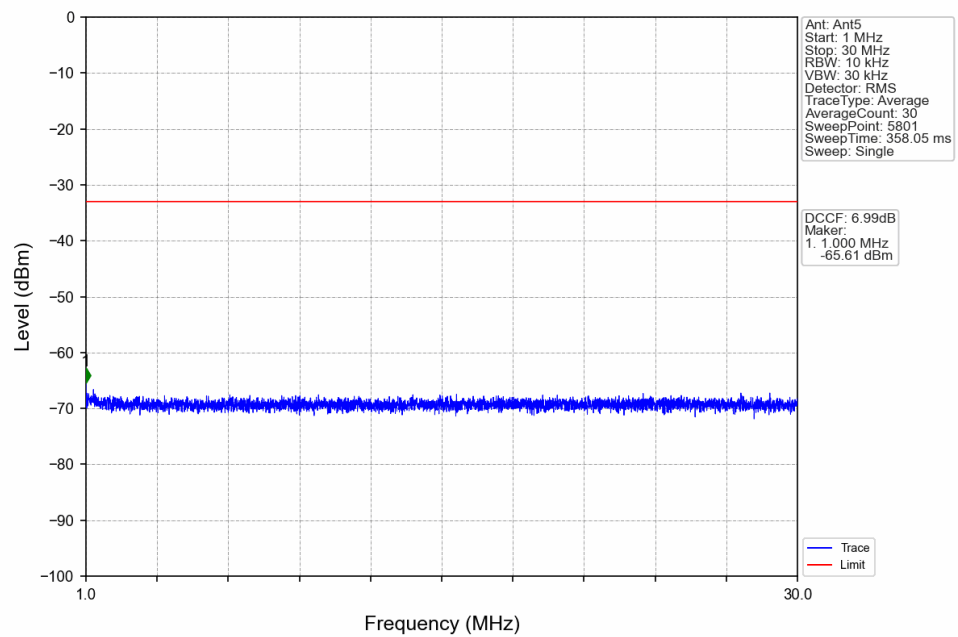
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3519.99MHz Edge 1RB Right



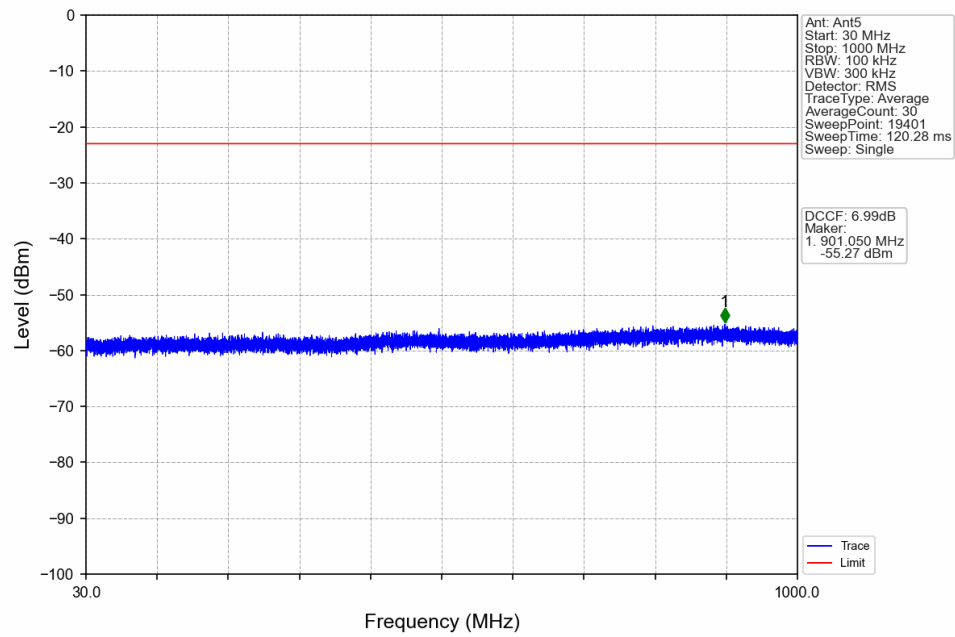
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3519.99MHz Edge 1RB Right



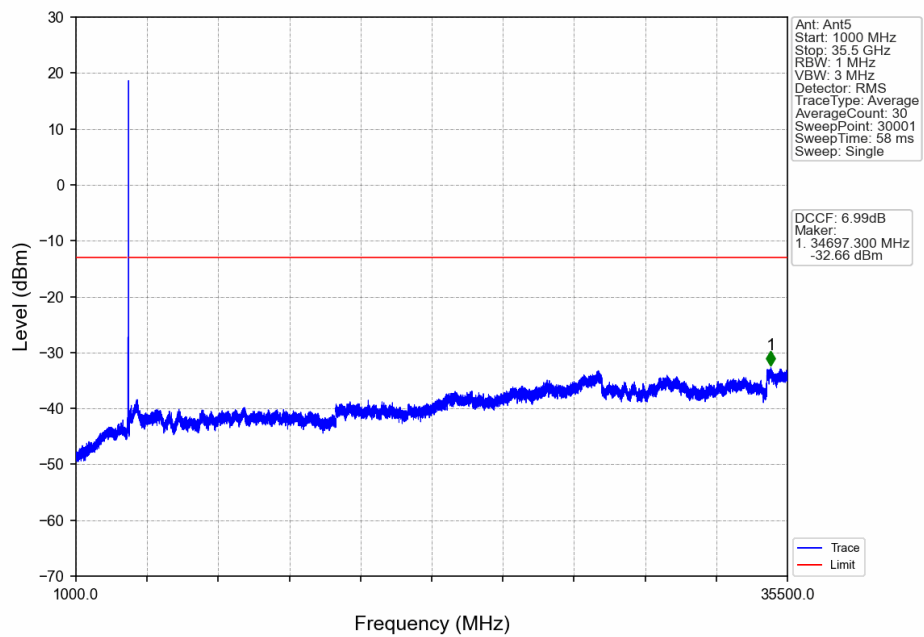
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3519.99MHz Edge 1RB Right



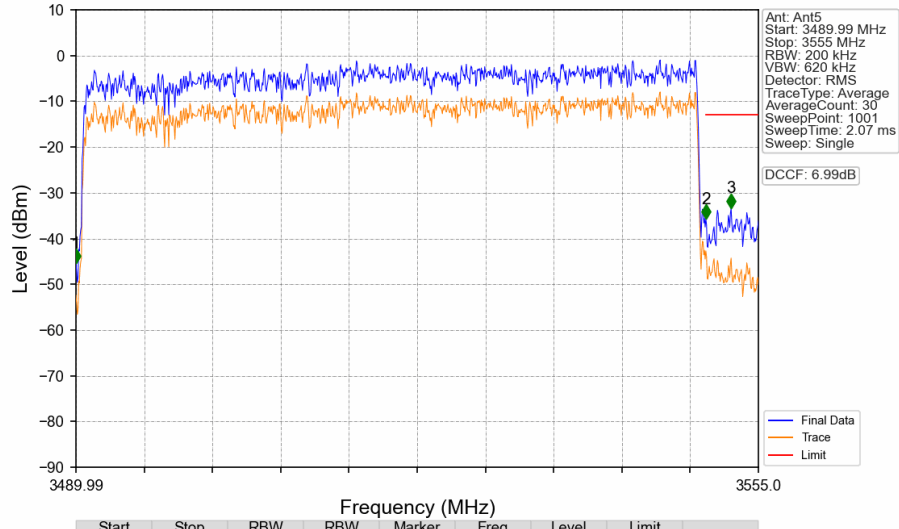
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3519.99MHz Edge 1RB Right



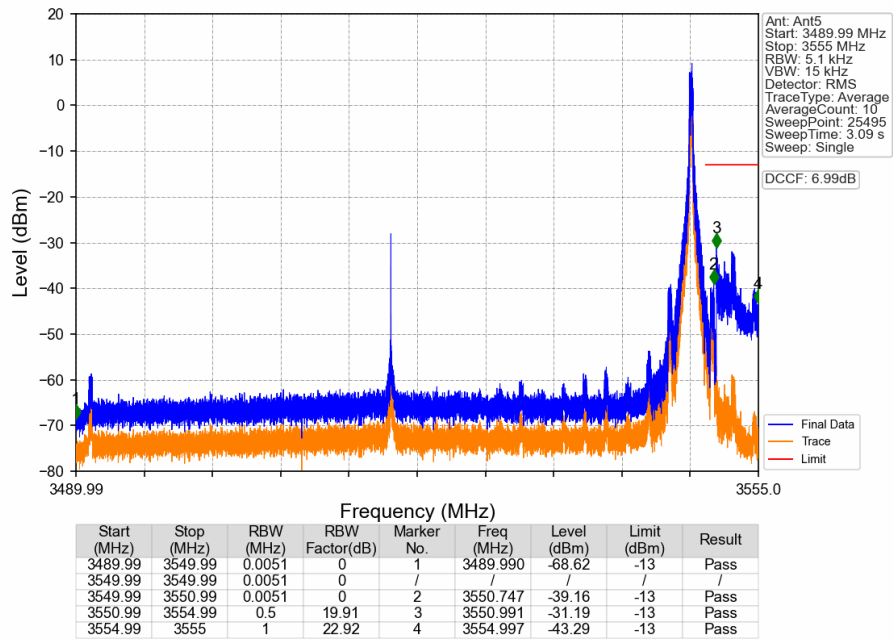
n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3519.99MHz Edge 1RB Right



n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3519.99MHz Outer Full



n78e 30kHz SISO NTN 60MHz CP-OFDM QPSK 3519.99MHz Inner 1RB Right

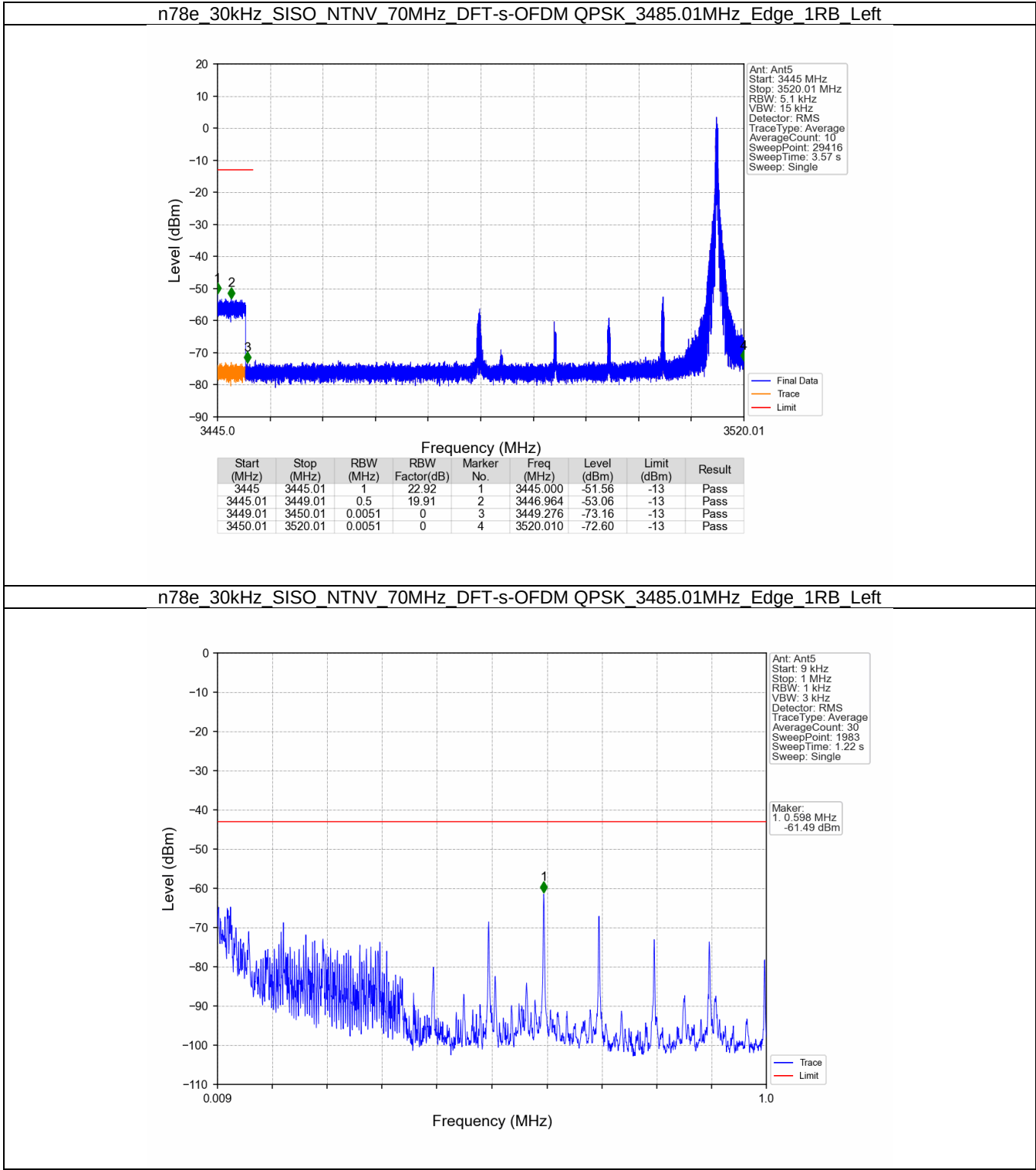


1.6 30k_SISO_70MHz_NTNV

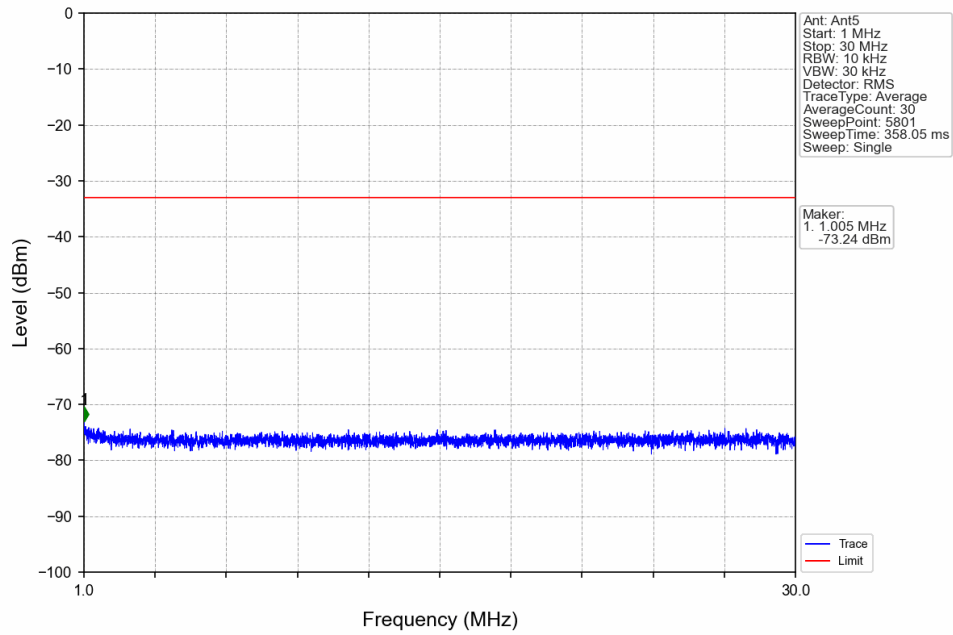
1.6.1 Test Result

5G NR n78e SCS=30kHz SISO 70MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant5	Ant2	Sum	Limit		
DFT-s-OFDM QPSK	3485.01	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	
		3514.98	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
			Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	3485.01	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	
		3514.98	Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
			Inner_1RB_Right	Refer To Test Graph				Pass

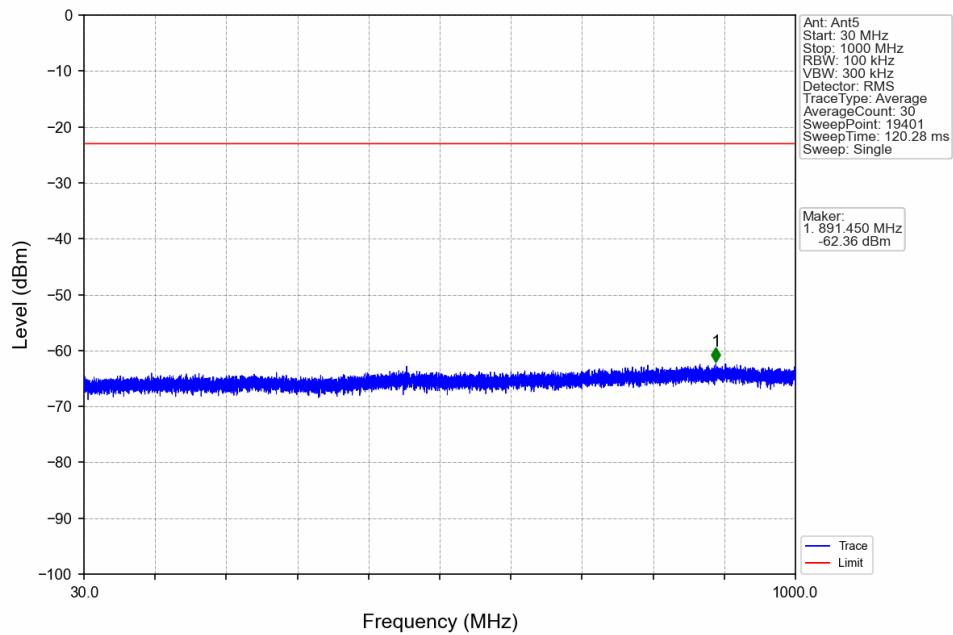
1.6.2 Test Graph



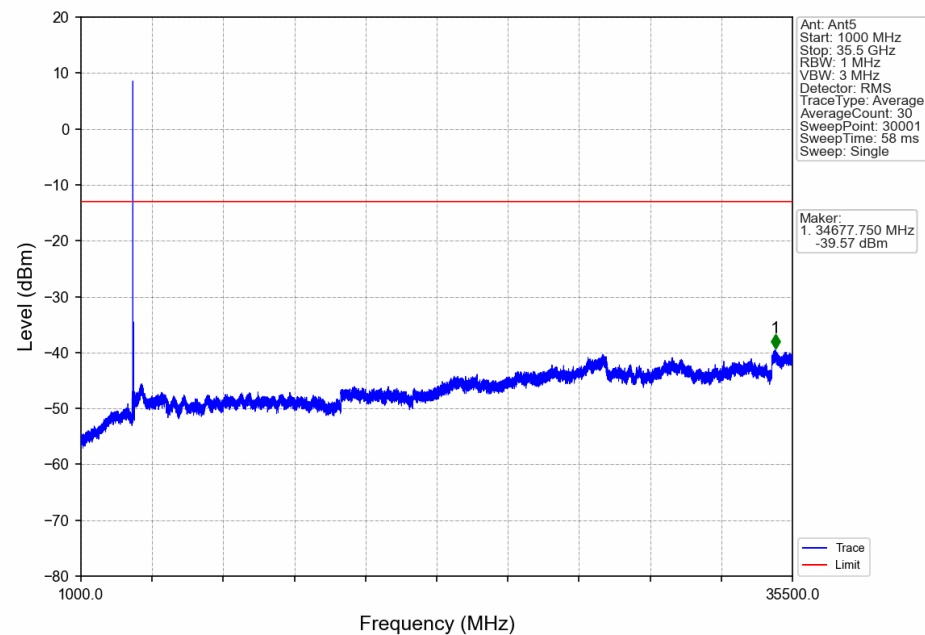
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3485.01MHz Edge 1RB Left



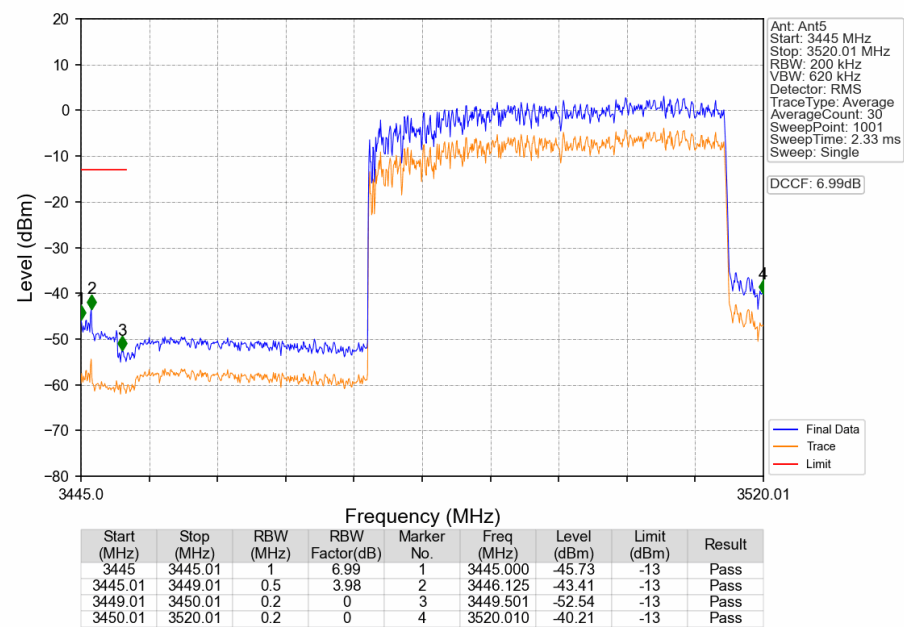
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3485.01MHz Edge 1RB Left



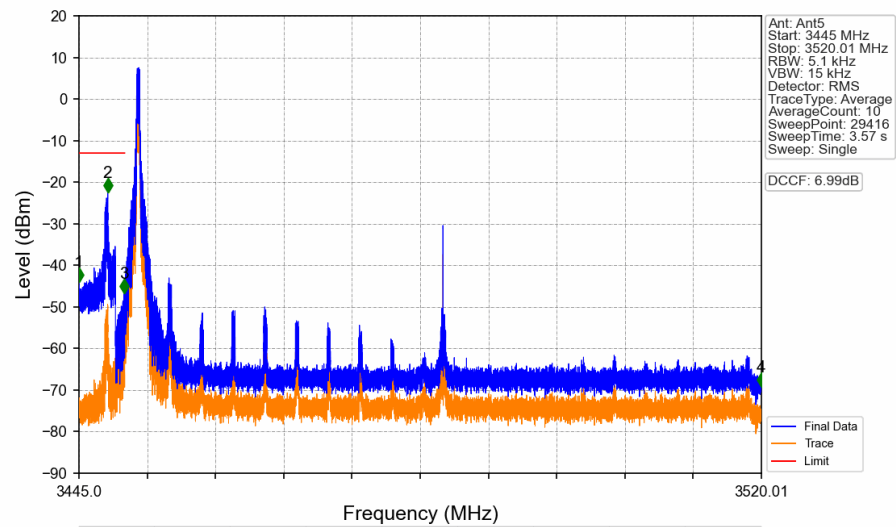
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3485.01MHz Edge 1RB Left



n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3485.01MHz Outer Full

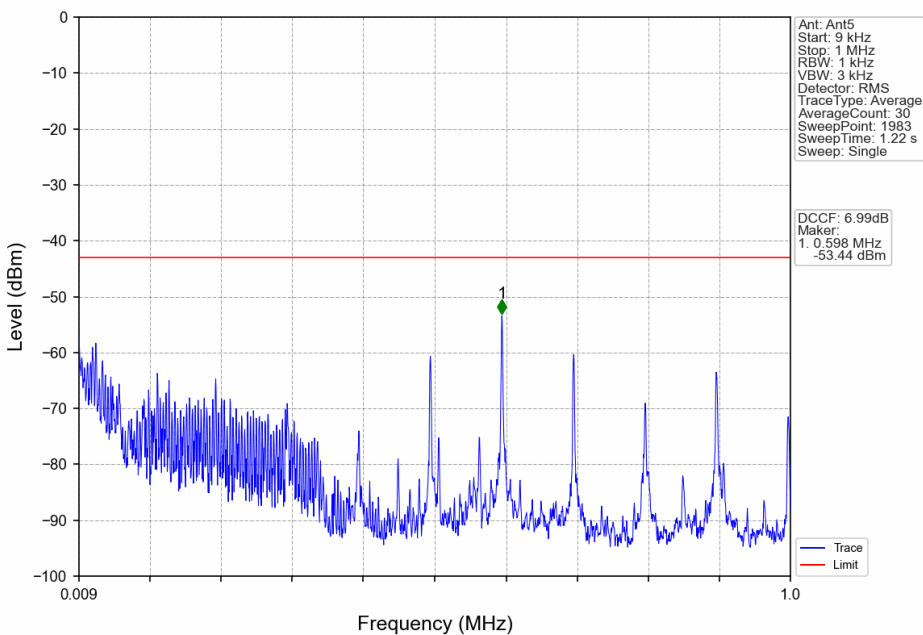


n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3485.01MHz Inner 1RB Left

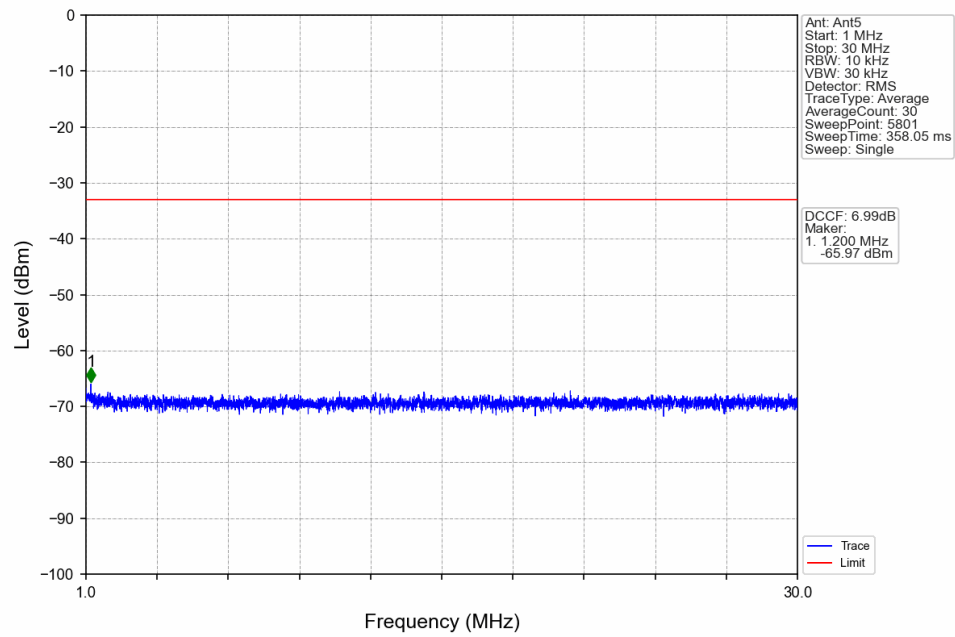


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	22.92	1	3445.005	-43.98	-13	Pass
3445.01	3449.01	0.5	19.91	2	3448.157	-22.48	-13	Pass
3449.01	3450.01	0.0051	0	3	3449.962	-46.79	-13	Pass
3450.01	3520.01	0.0051	0	4	3520.010	-69.22	-13	Pass

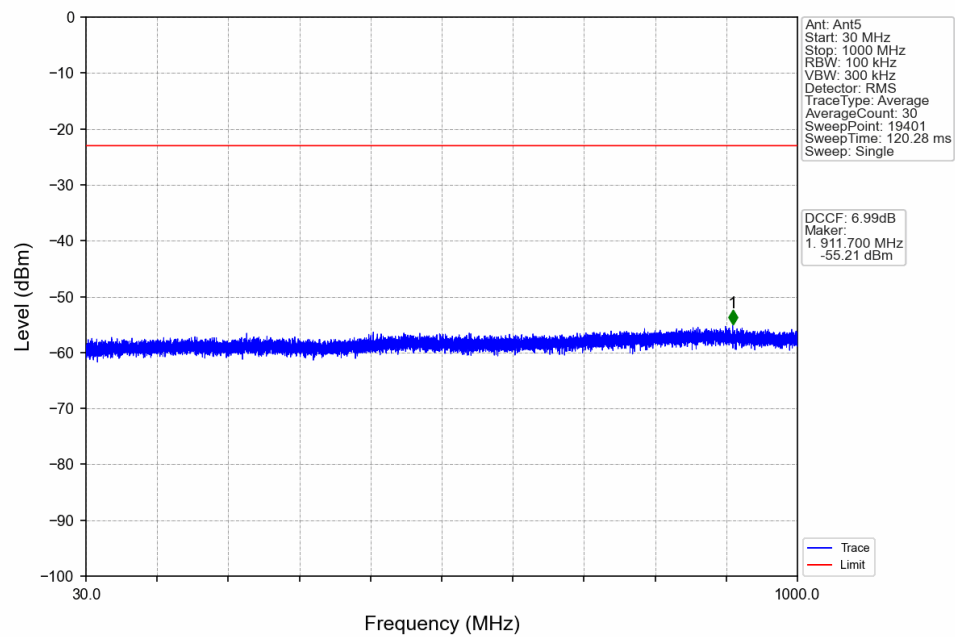
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



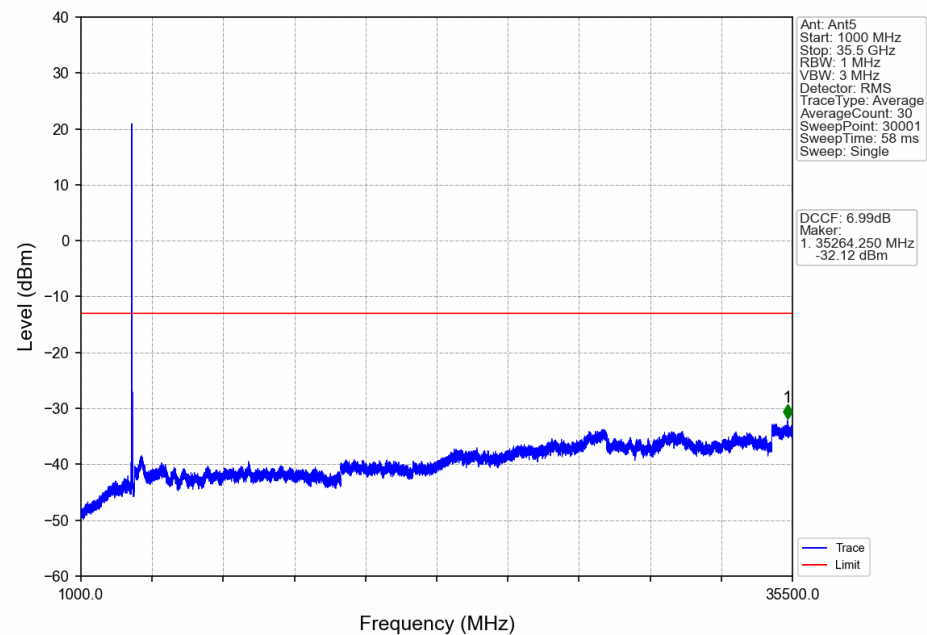
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



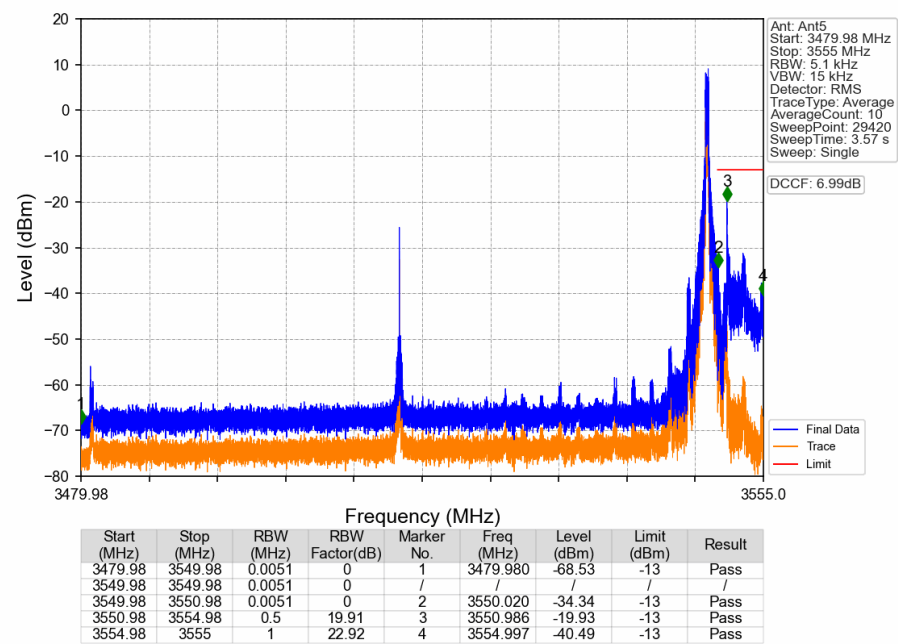
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



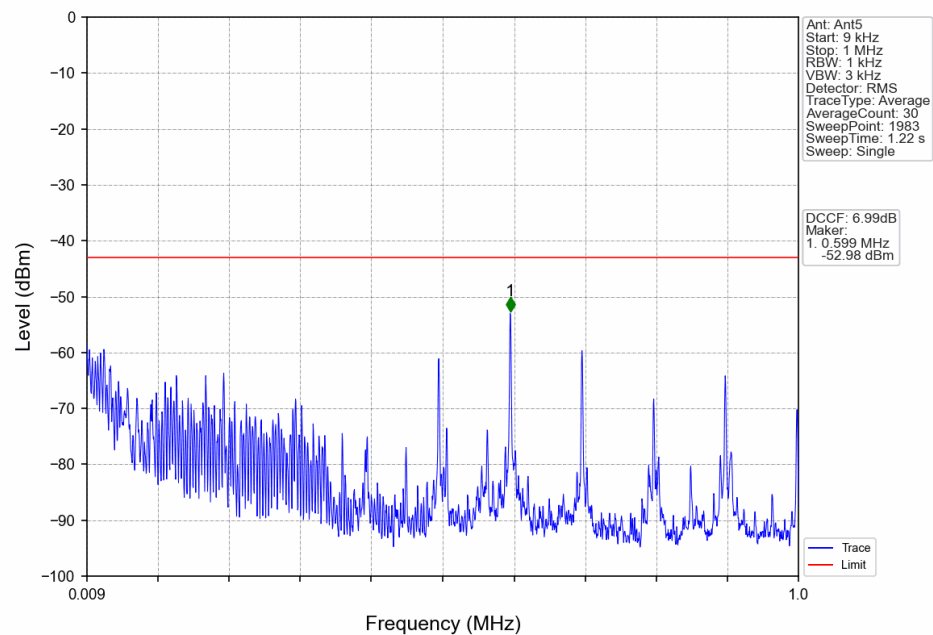
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3500.01MHz Edge 1RB Left



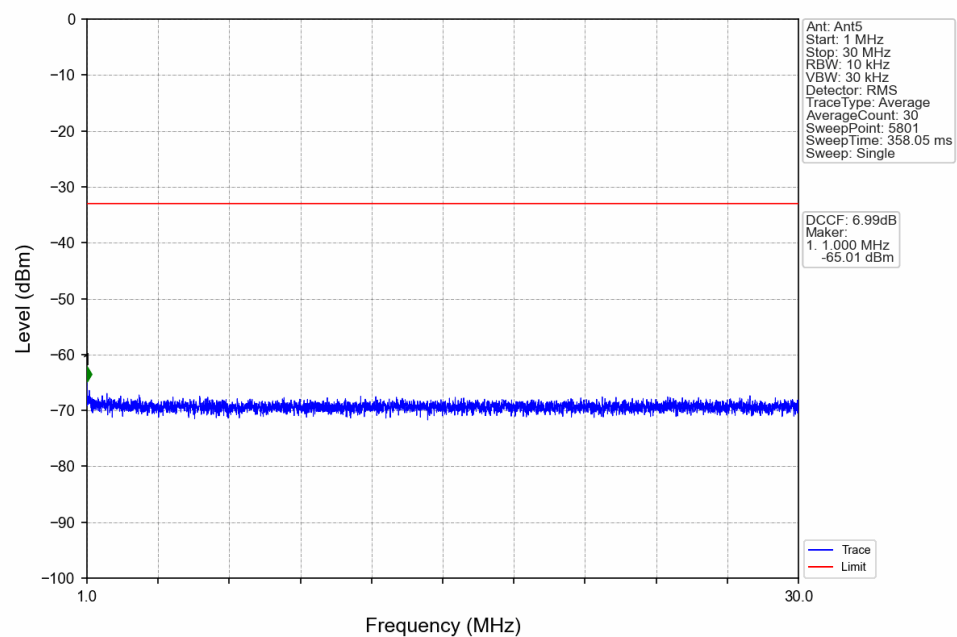
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3514.98MHz Edge 1RB Right



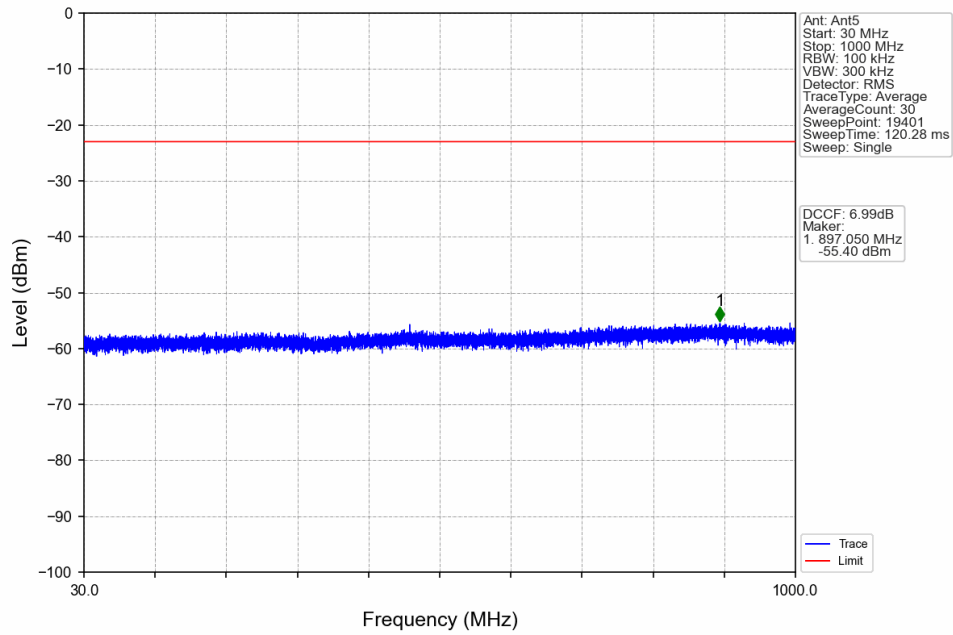
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3514.98MHz Edge 1RB Right



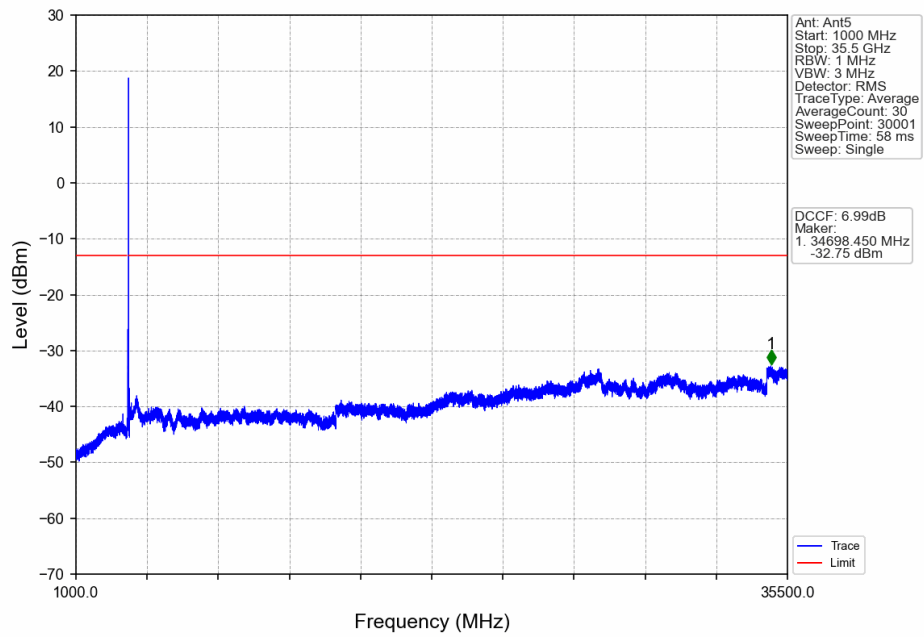
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3514.98MHz Edge 1RB Right



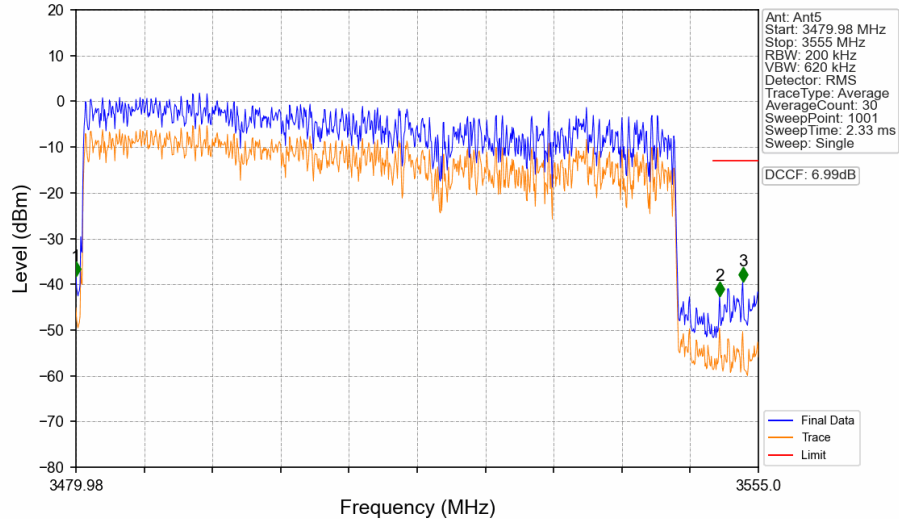
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3514.98MHz Edge 1RB Right



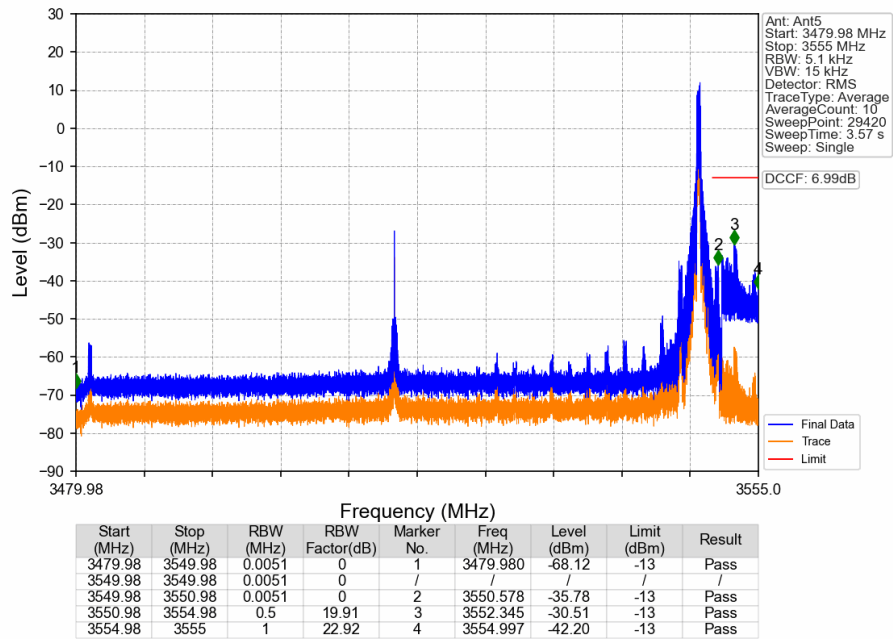
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3514.98MHz Edge 1RB Right



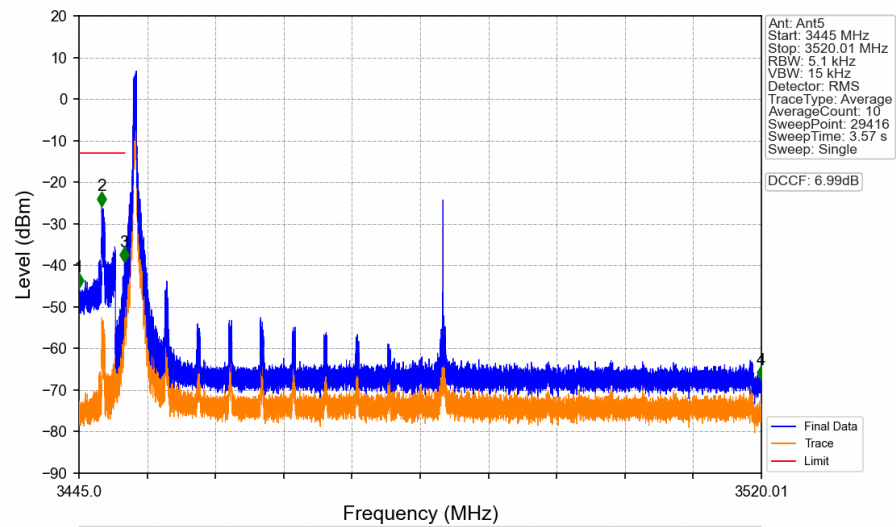
n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3514.98MHz Outer Full



n78e 30kHz SISO NTN 70MHz DFT-s-OFDM QPSK 3514.98MHz Inner 1RB Right

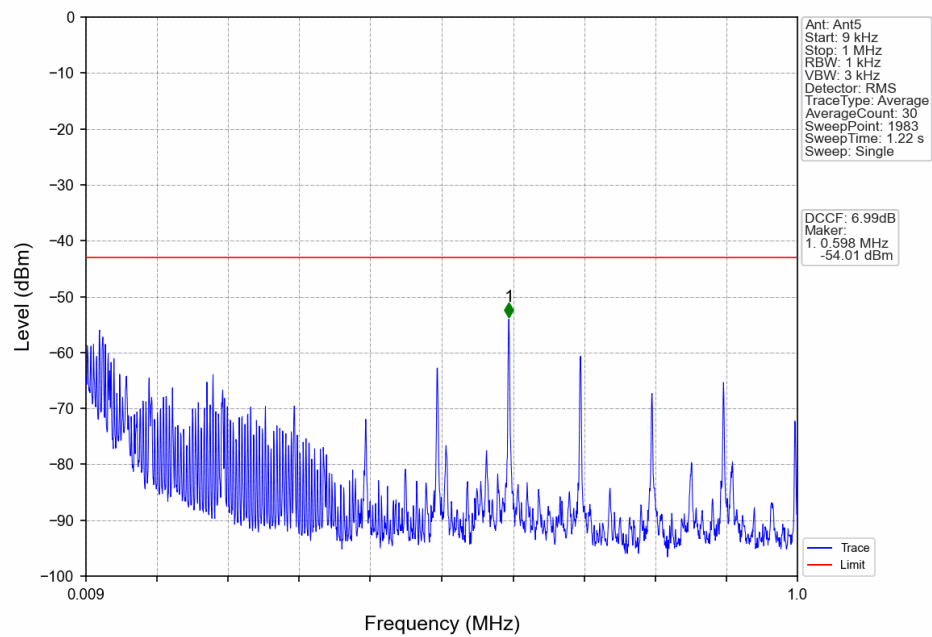


n78e 30kHz SISO NTN 70MHz CP-OFDM QPSK 3485.01MHz Edge 1RB Left

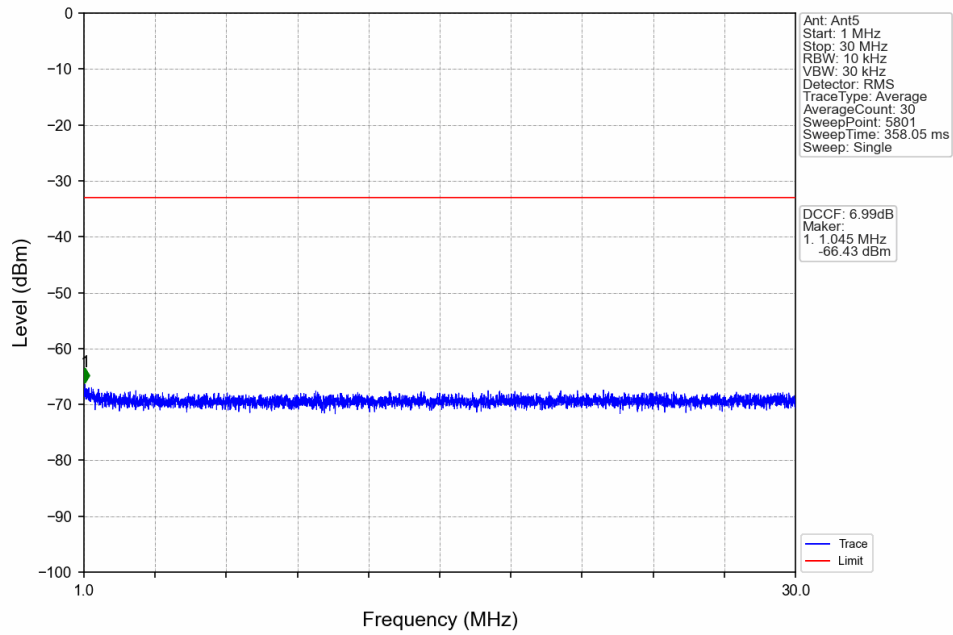


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445.01	1	22.92	1	3445.005	-45.31	-13	Pass
3445.01	3449.01	0.5	19.91	2	3447.514	-25.69	-13	Pass
3449.01	3450.01	0.0051	0	3	3449.998	-39.26	-13	Pass
3450.01	3520.01	0.0051	0	4	3520.010	-67.50	-13	Pass

n78e 30kHz SISO NTN 70MHz CP-OFDM QPSK 3485.01MHz Edge 1RB Left



n78e 30kHz SISO NTN 70MHz CP-OFDM QPSK 3485.01MHz Edge 1RB Left



n78e 30kHz SISO NTN 70MHz CP-OFDM QPSK 3485.01MHz Edge 1RB Left

