

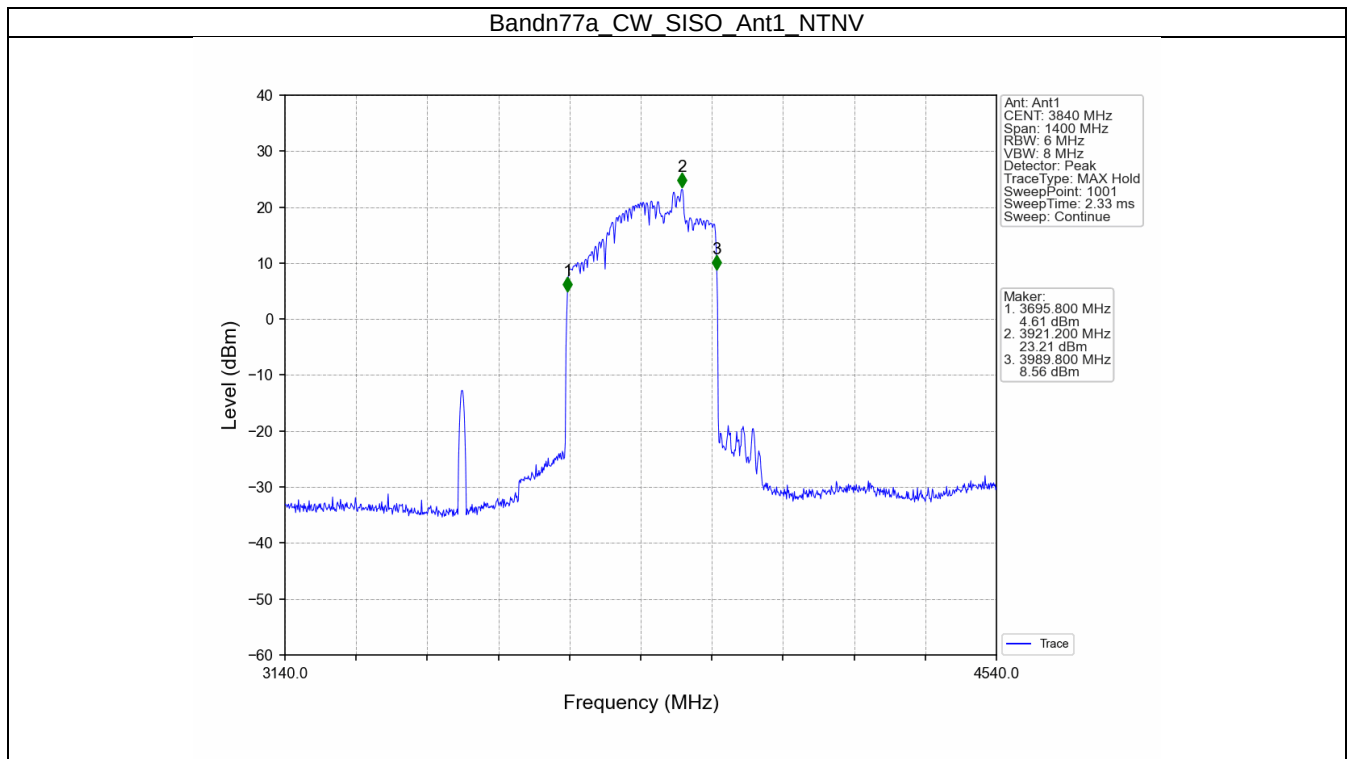
1. Out of band rejection

1.1 Bandn77a

1.1.1 Test Result

Band: n77a / NTNV							
Signal	Sweep Frequency Range (MHz)	TX Type	ANT	F0 (MHz)	FL (MHz)	FH (MHz)	Verdict
CW	3140 - 4540	SISO	1	3921.200	3695.800	3989.800	Pass

1.1.2 Test Graph



2. AGC threshold

2.1 Band n77a

2.1.1 Test Result

Band: n77a / NTNV					
Signal	Frequency (MHz)	TX Type	ANT	AGC Threshold (dBm)	Verdict
GMSK 0.2MHz	3921.2	SISO	1	-3.20	Pass
AWGN 5MHz	3921.2	SISO	1	-3.20	Pass
AWGN 100MHz	3921.2	SISO	1	-3.20	Pass

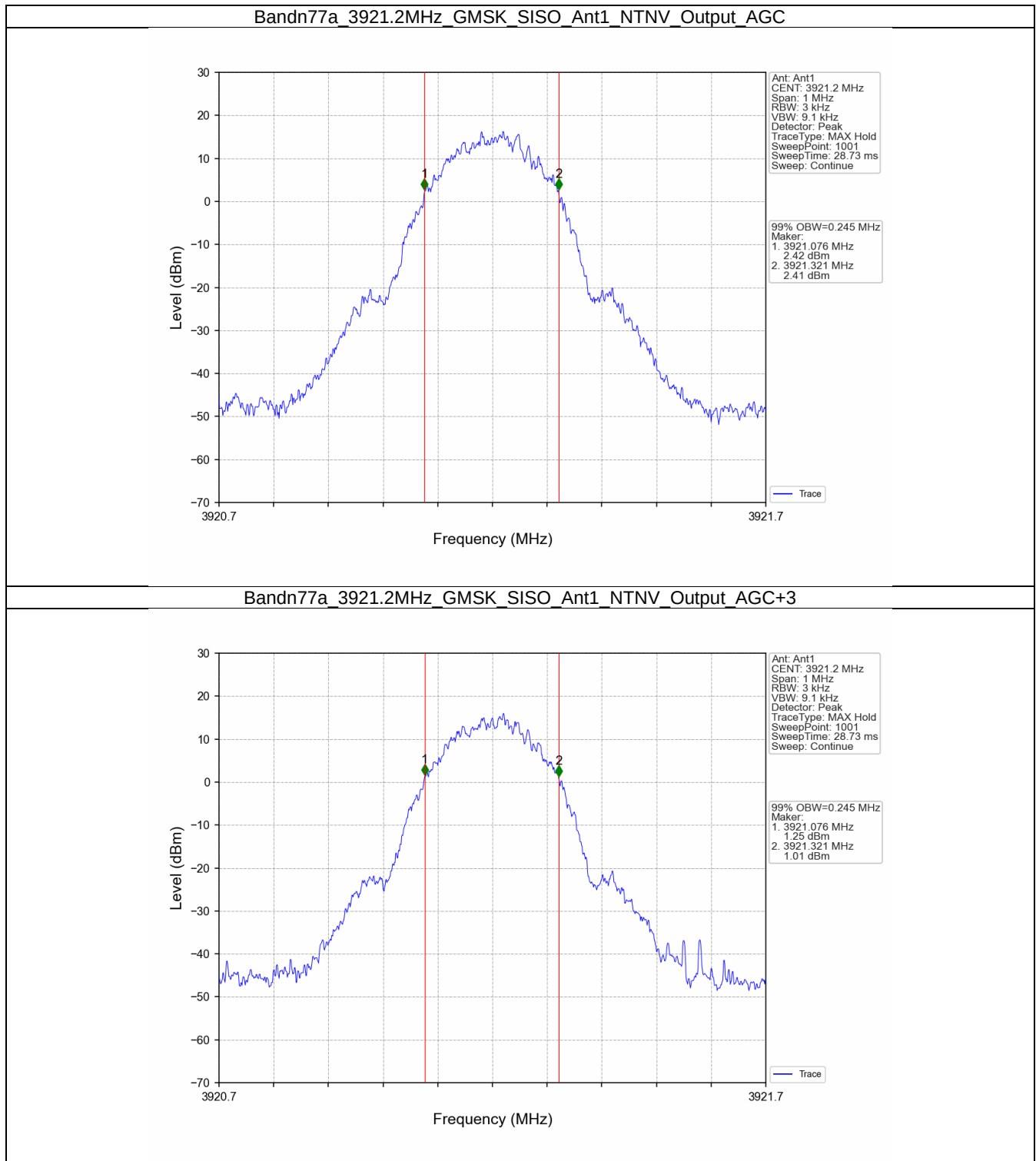
3. Input-versus-output signal comparison

3.1 Bandn77a_OBW

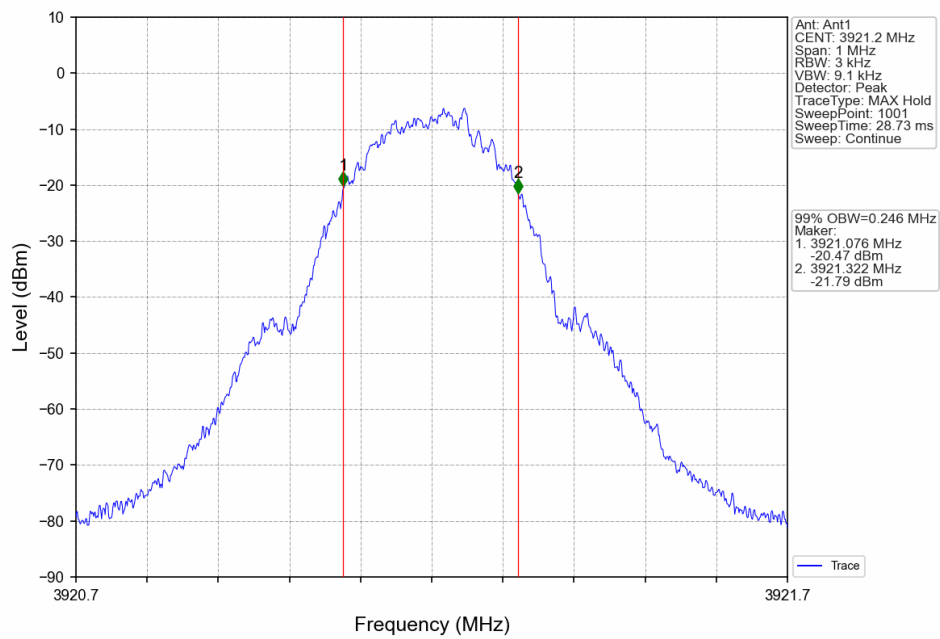
3.1.1 Test Result

Band: n77a / NTNV							
Signal			TX Type	ANT	99% OBW (MHz)		Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	
GMSK 0.2MHz	-0.2	3921.2	SISO	1	0.245	0.246	Pass
	-3.2	3921.2	SISO	1	0.245	0.244	Pass
AWGN 5MHz	-0.2	3921.2	SISO	1	4.522	4.528	Pass
	-3.2	3921.2	SISO	1	4.514	4.517	Pass
AWGN 100MHz	-0.2	3921.2	SISO	1	97.710	97.179	Pass
	-3.2	3921.2	SISO	1	97.733	97.172	Pass

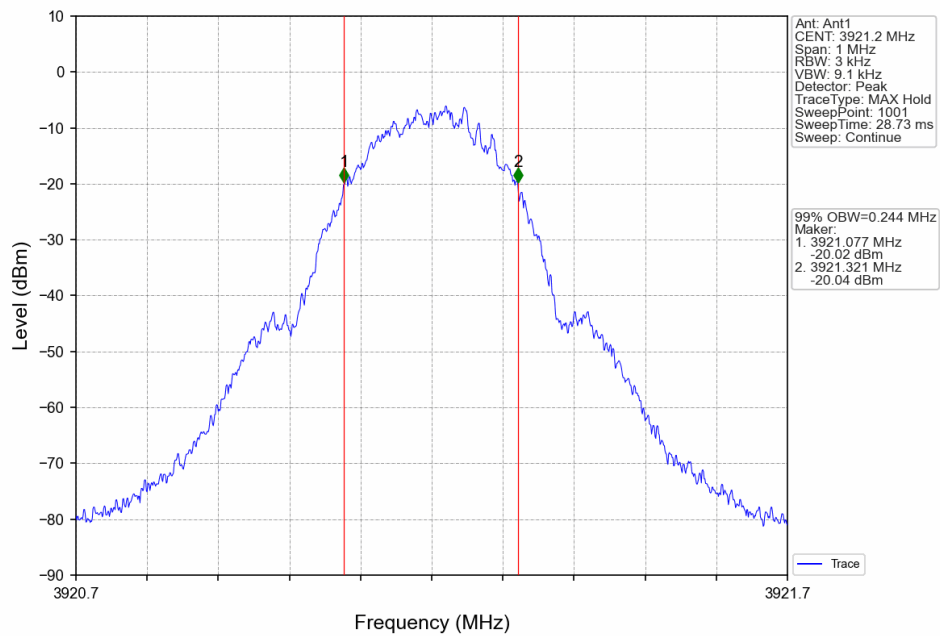
3.1.2 Test Graph



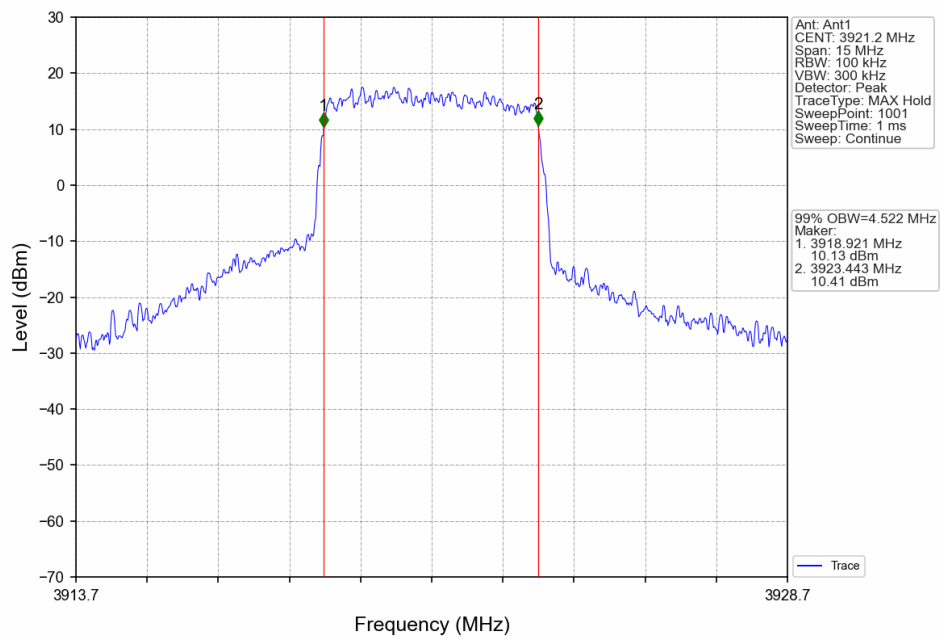
Bandn77a_3921.2MHz_GMSK_SISO_Ant1_NTNV_Input_AGC



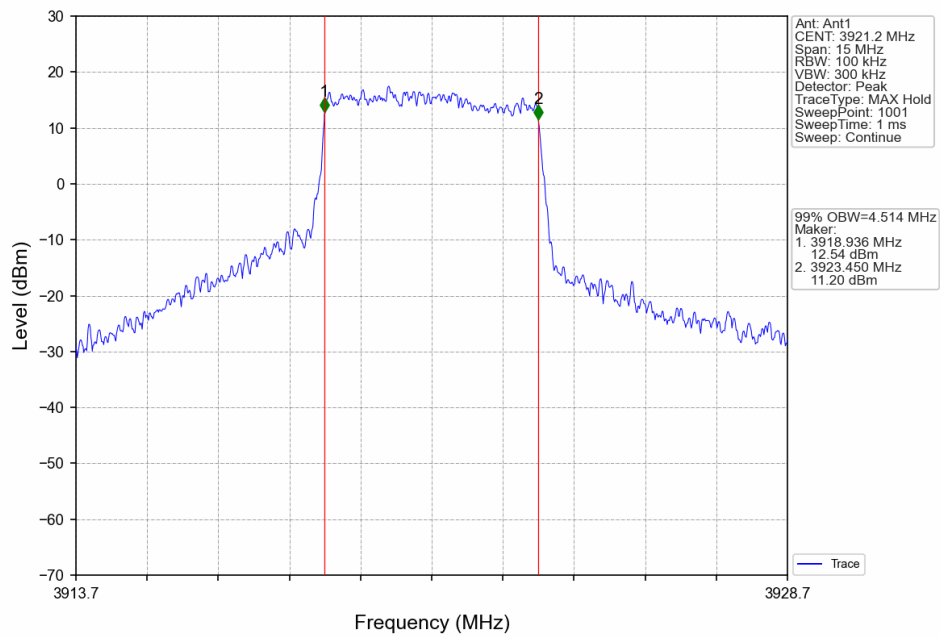
Bandn77a_3921.2MHz_GMSK_SISO_Ant1_NTNV_Input_AGC+3



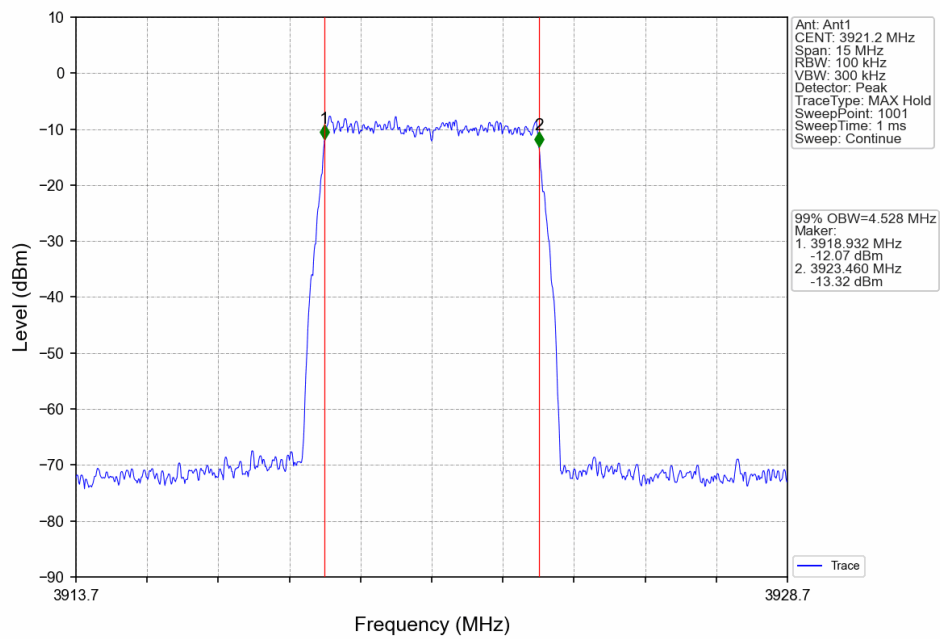
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_Output_AGC



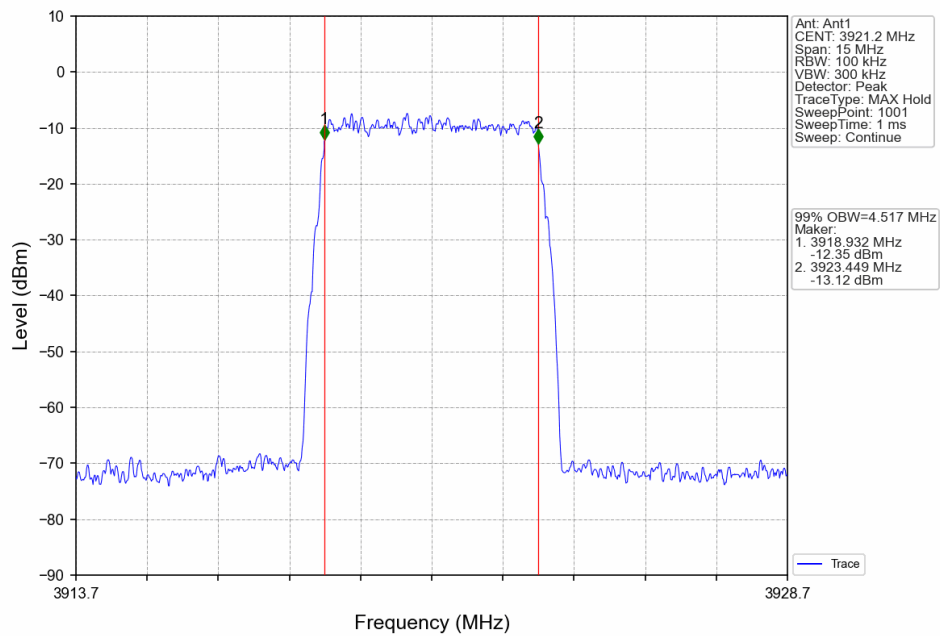
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_Output_AGC+3



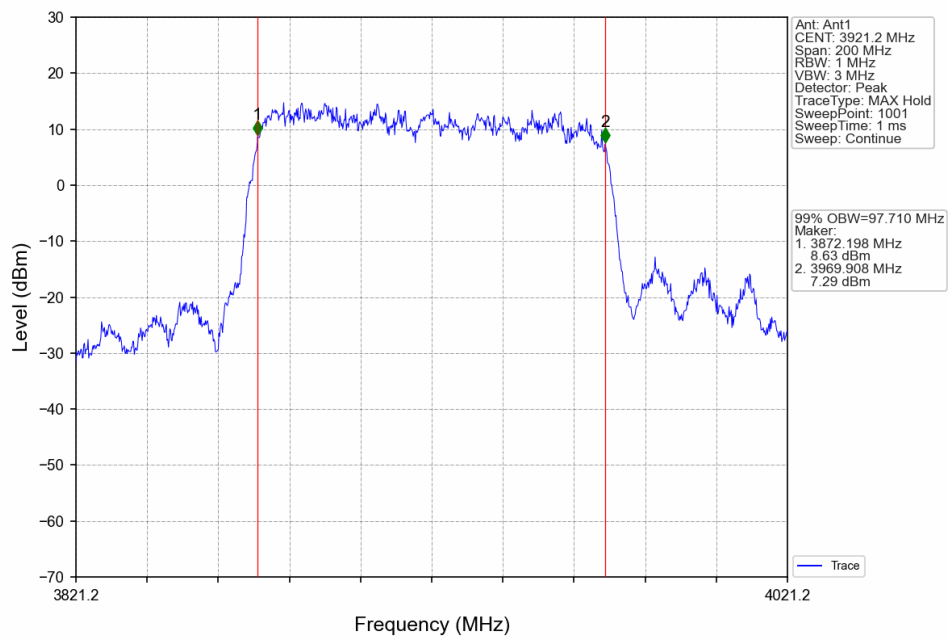
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_Input_AGC



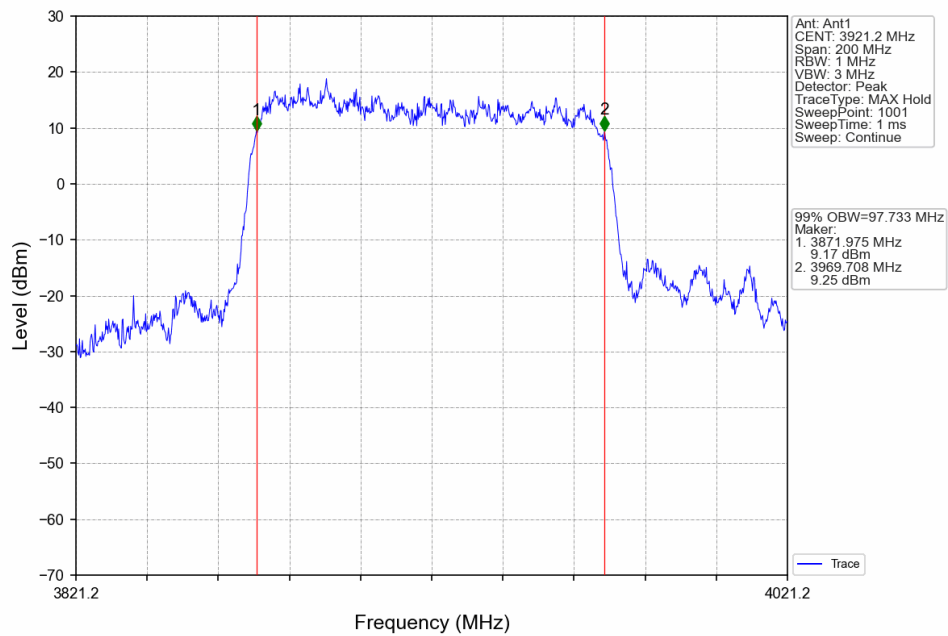
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_Input_AGC+3



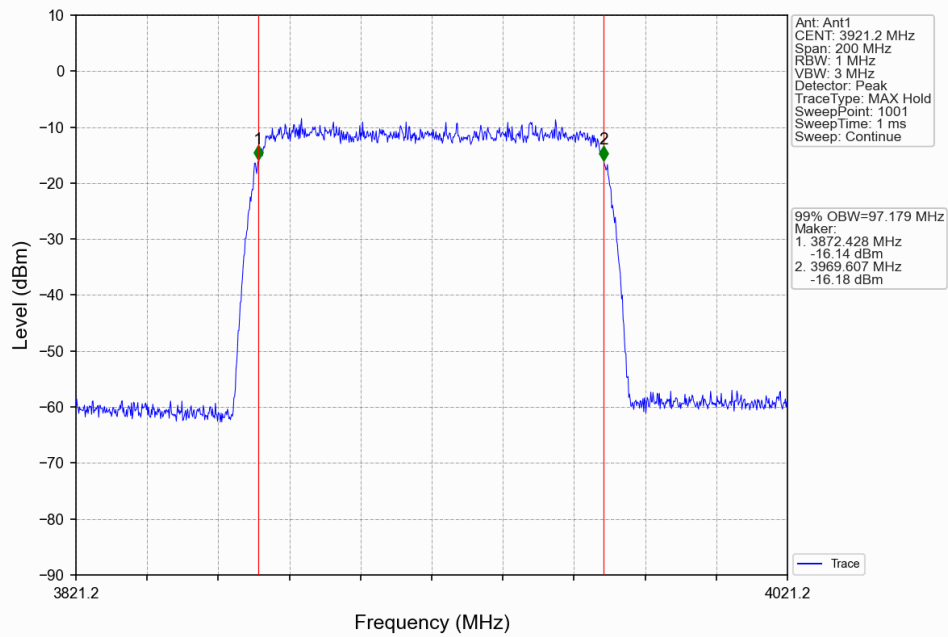
Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_Output_AGC



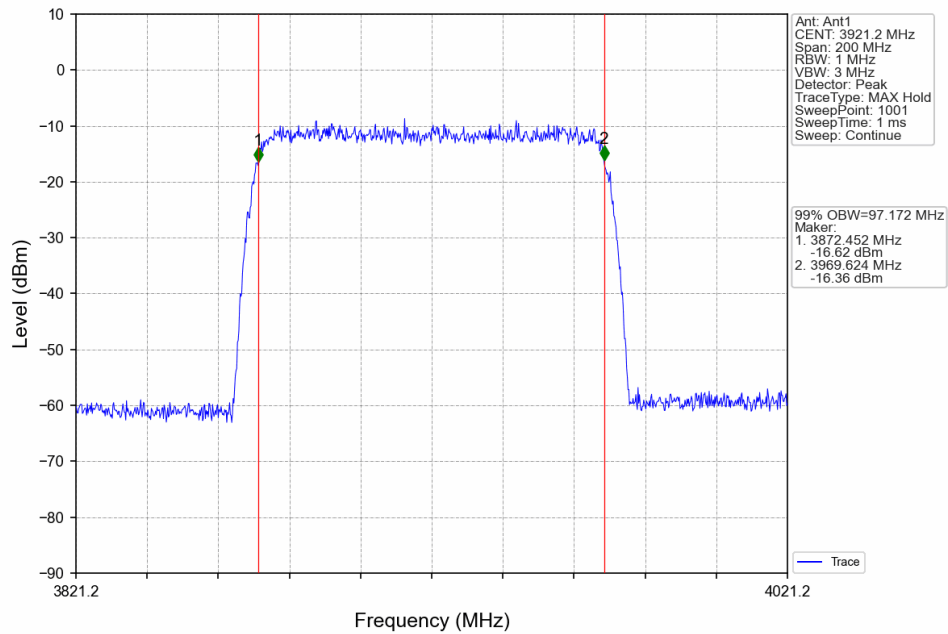
Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_Output_AGC+3



Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_Input_AGC



Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_Input_AGC+3

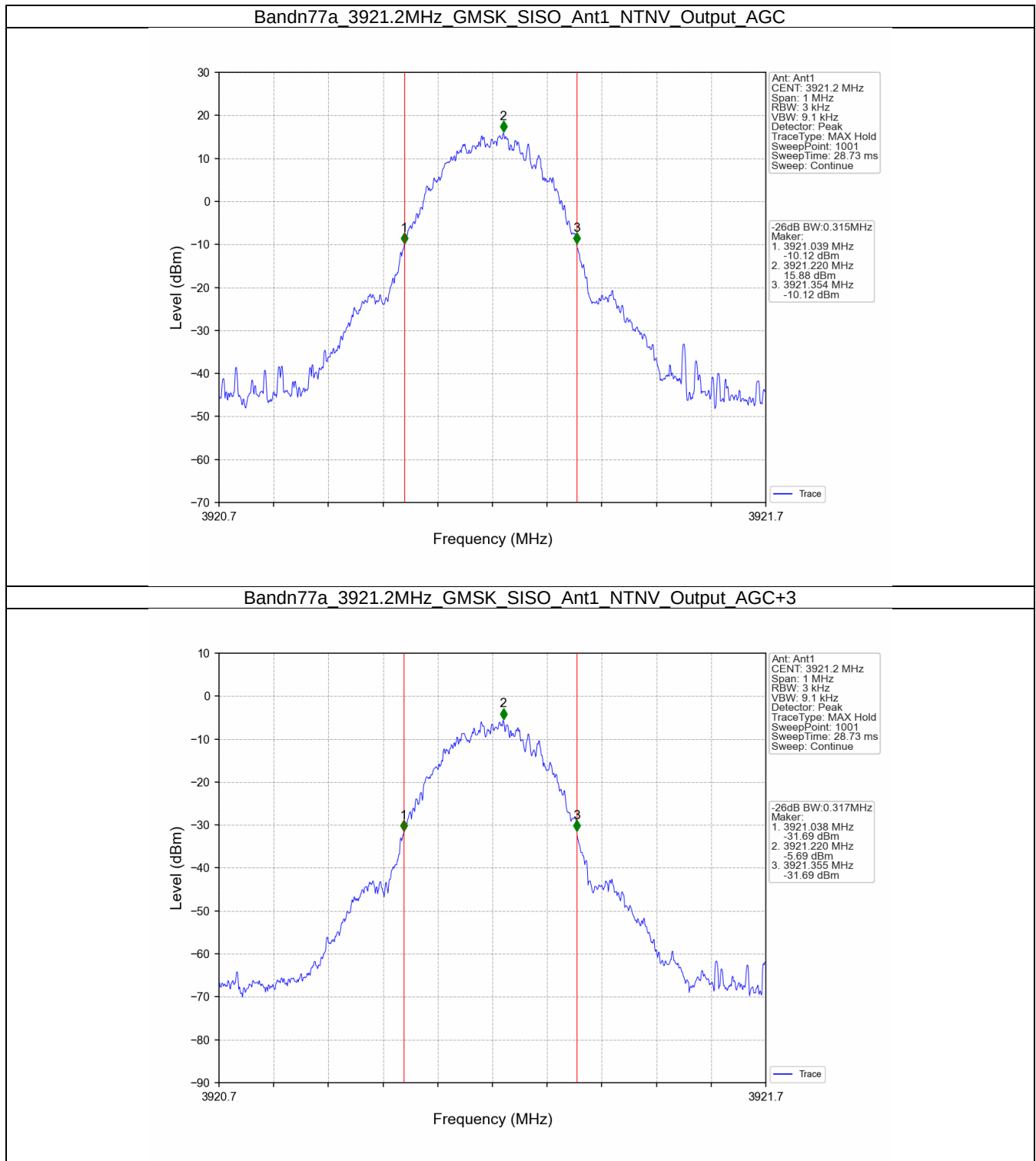


3.2 Bandn77a_EBW

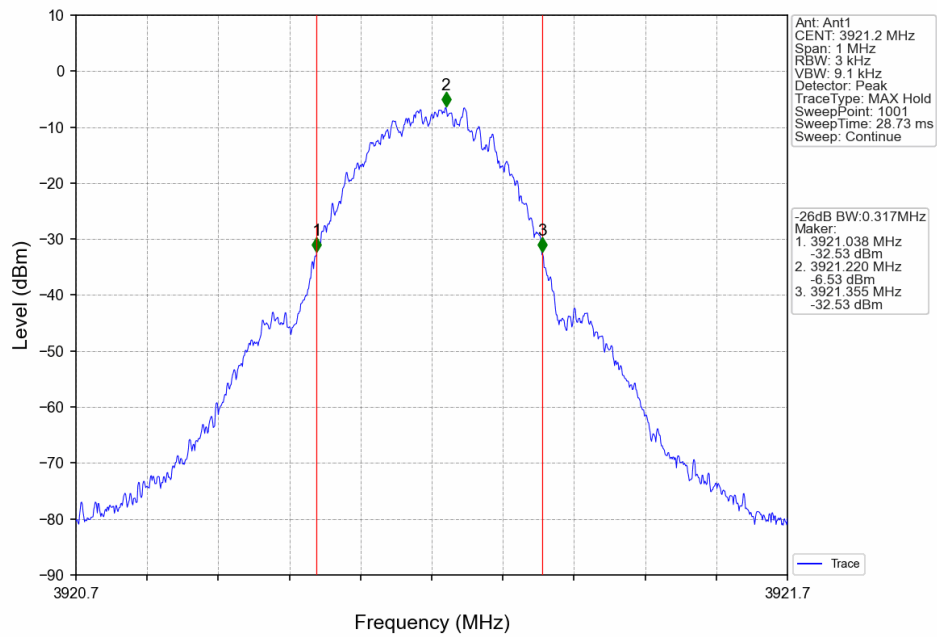
3.2.1 Test Result

Band: n77a / NTV							
Signal			TX Type	ANT	26dB EBW (MHz)		Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	
GMSK 0.2MHz	-0.2	3921.2	SISO	1	0.315	0.317	Pass
	-3.2	3921.2	SISO	1	0.317	0.314	Pass
AWGN 5MHz	-0.2	3921.2	SISO	1	5.377	5.013	Pass
	-3.2	3921.2	SISO	1	5.013	5.038	Pass
AWGN 100MHz	-0.2	3921.2	SISO	1	105.289	105.823	Pass
	-3.2	3921.2	SISO	1	105.630	105.710	Pass

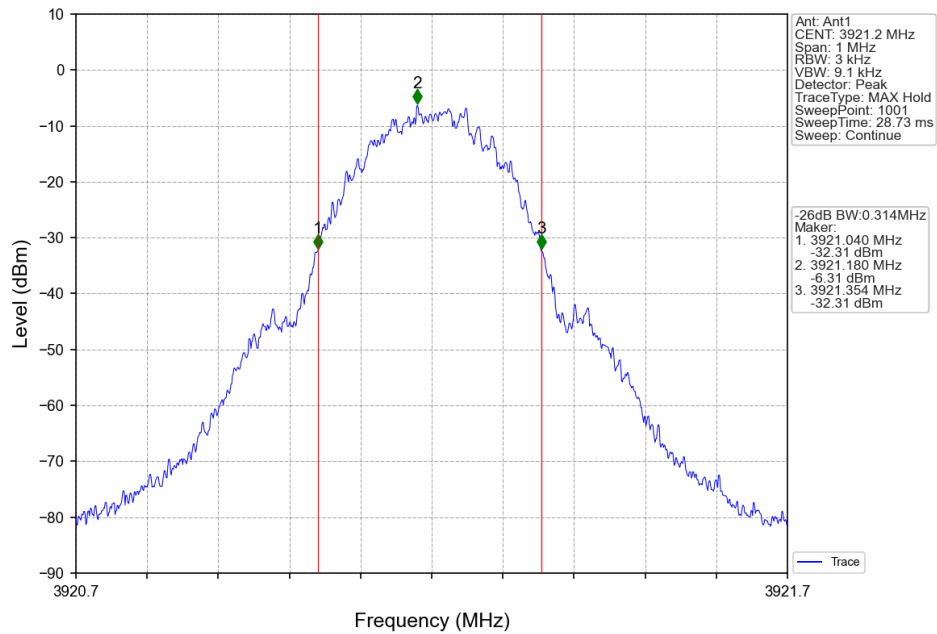
3.2.2 Test Graph



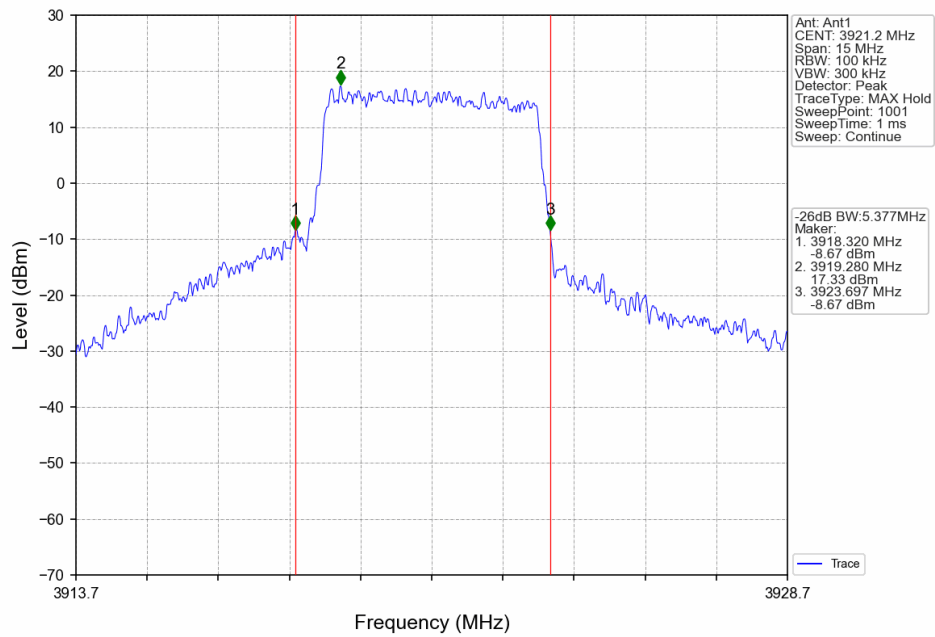
Bandn77a_3921.2MHz_GMSK_SISO_Ant1_NTNV_Input_AGC



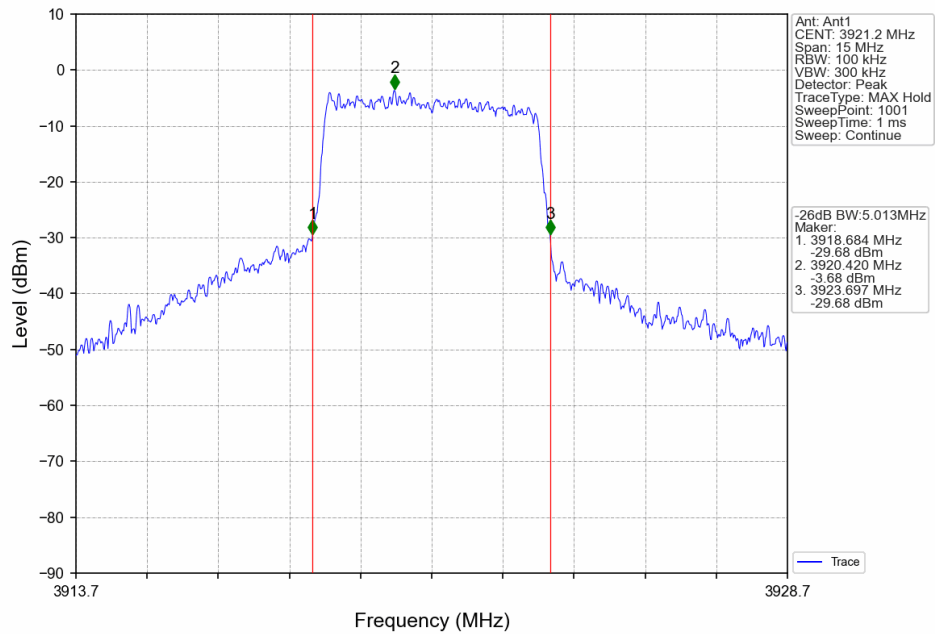
Bandn77a_3921.2MHz_GMSK_SISO_Ant1_NTNV_Input_AGC+3



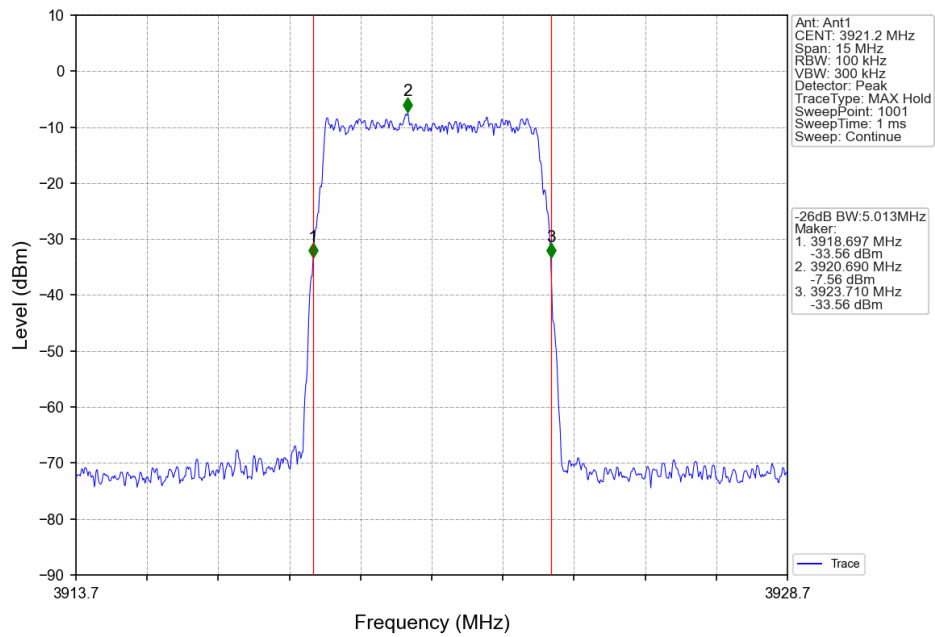
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_Output_AGC



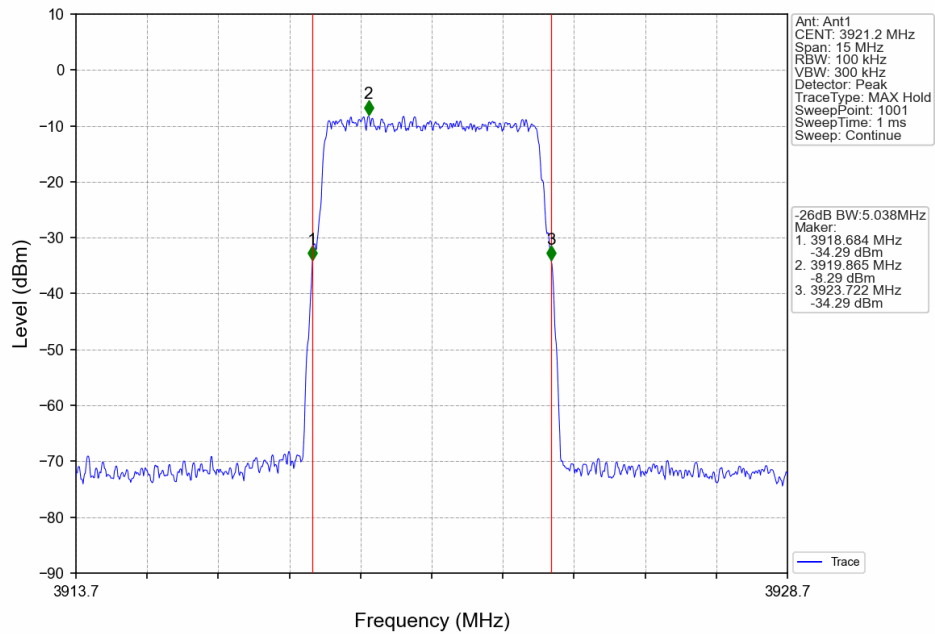
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_Output_AGC+3



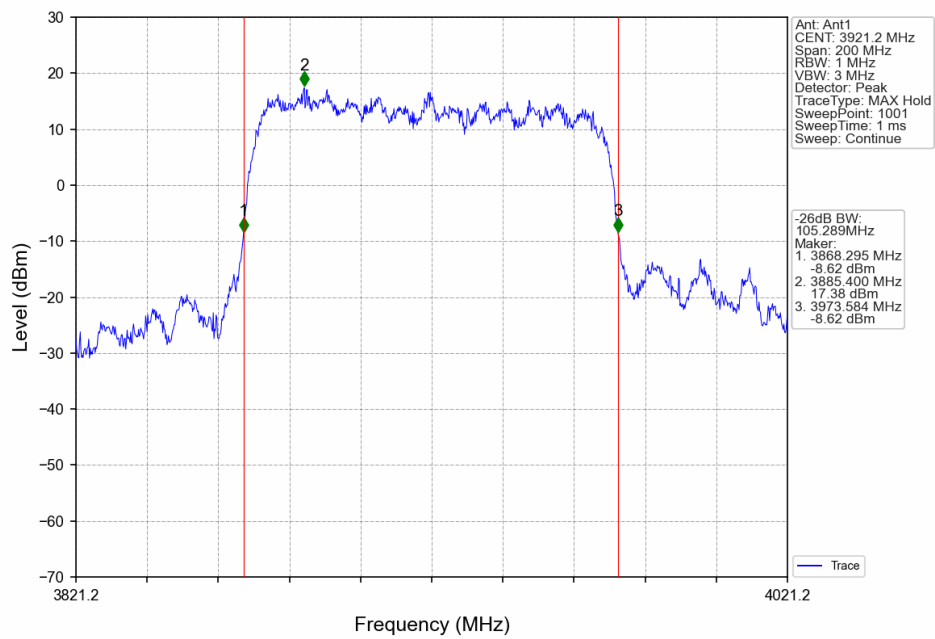
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_Input_AGC



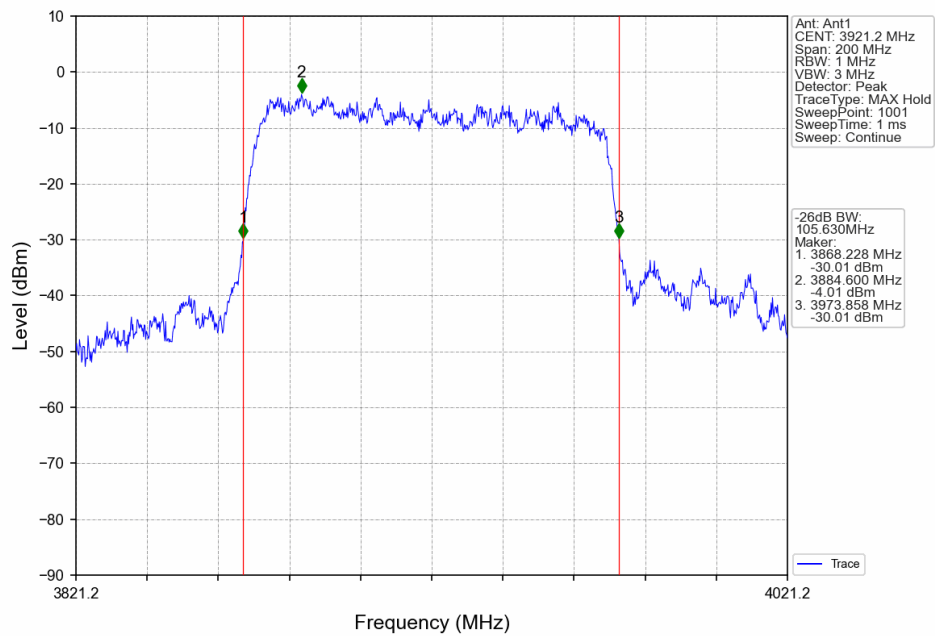
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_Input_AGC+3



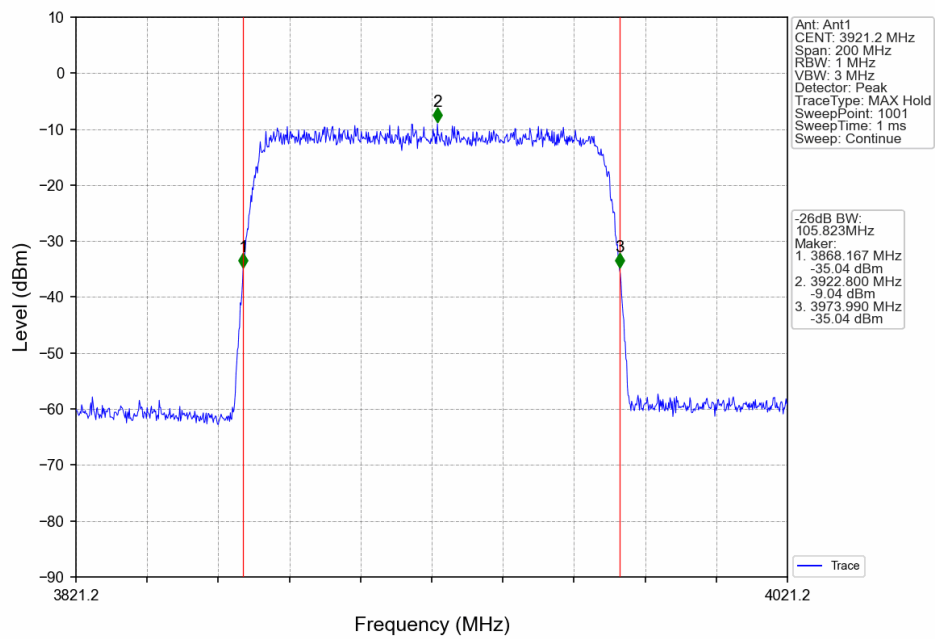
Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_Output_AGC



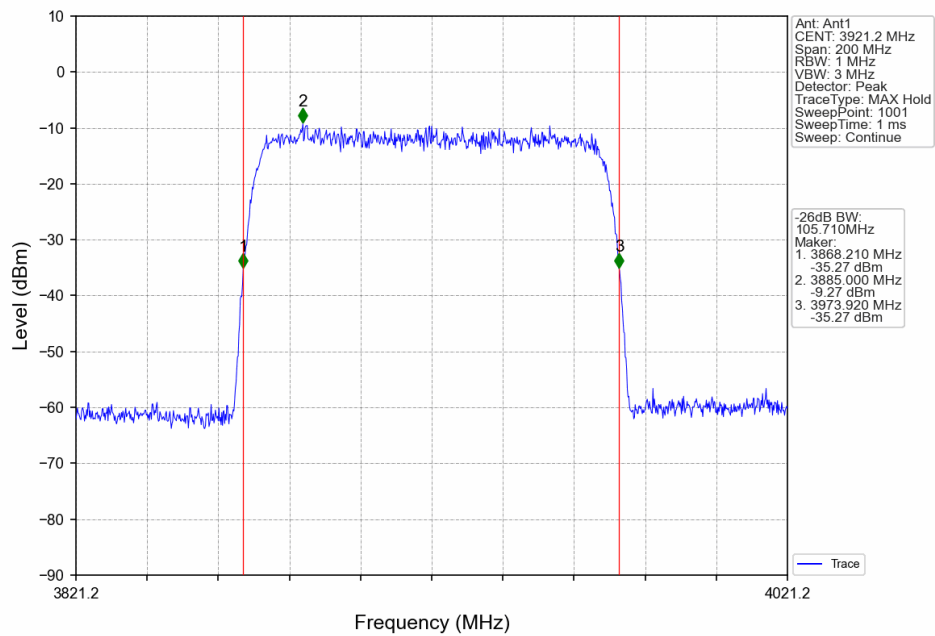
Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_Output_AGC+3



Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_Input_AGC



Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_Input_AGC+3



4. Input/output power and amplifier/booster gain

4.1 Bandn77a_EIRP

4.1.1 Test Result

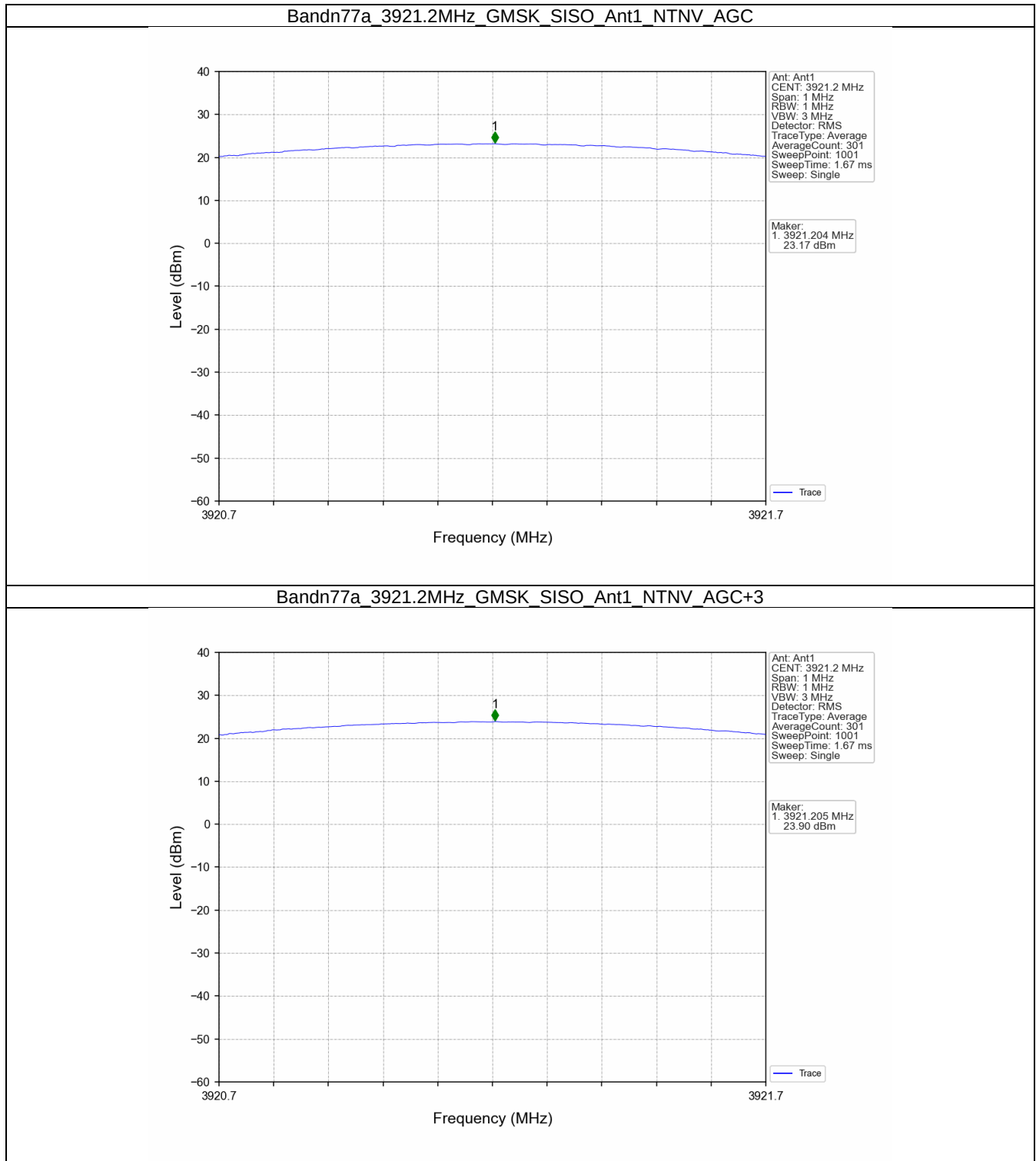
Band: n77a / NTNV										
Signal			TX Type	ANT	Conducted Power (dBm/MHz)		EIRP (dBm/MHz)		Booster Gain (dB)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	Result	Limit		
GMSK 0.2MHz	-3.2	3921.2	SISO	1	23.18	-3.95	32.18	<=65.16	27.13	Pass
	-0.2	3921.2	SISO	1	23.90	-0.58	32.90	<=65.16	/	Pass
AWGN 5MHz	-3.2	3921.2	SISO	1	17.83	-9.16	26.83	<=65.16	26.99	Pass
	-0.2	3921.2	SISO	1	18.80	-6.01	27.80	<=65.16	/	Pass
AWGN 100MHz	-3.2	3921.2	SISO	1	6.26	-20.78	15.26	<=65.16	27.04	Pass
	-0.2	3921.2	SISO	1	7.71	-17.67	16.71	<=65.16	/	Pass

Band: N77 / NTNV								
Signal			Conducted Power (dBm/MHz)		EIRP (dBm/MHz)		Limit (dBm)	Verdict
Type	Level (dBm)	Frequency (MHz)	SISO	2*2	SISO	2*2		
GMSK 0.2MHz	-3.2	3921.2	23.18	26.20	32.18	35.20	/	Pass
	-0.2	3921.2	23.90	26.92	32.90	35.92	/	Pass
AWGN 5MHz	-3.2	3921.2	17.83	20.85	26.83	29.85	/	Pass
	-0.2	3921.2	18.80	21.82	27.80	30.82	/	Pass
AWGN 100MHz	-3.2	3921.2	6.26	9.28	15.26	18.28	/	Pass
	-0.2	3921.2	7.71	10.73	16.71	19.73	/	Pass

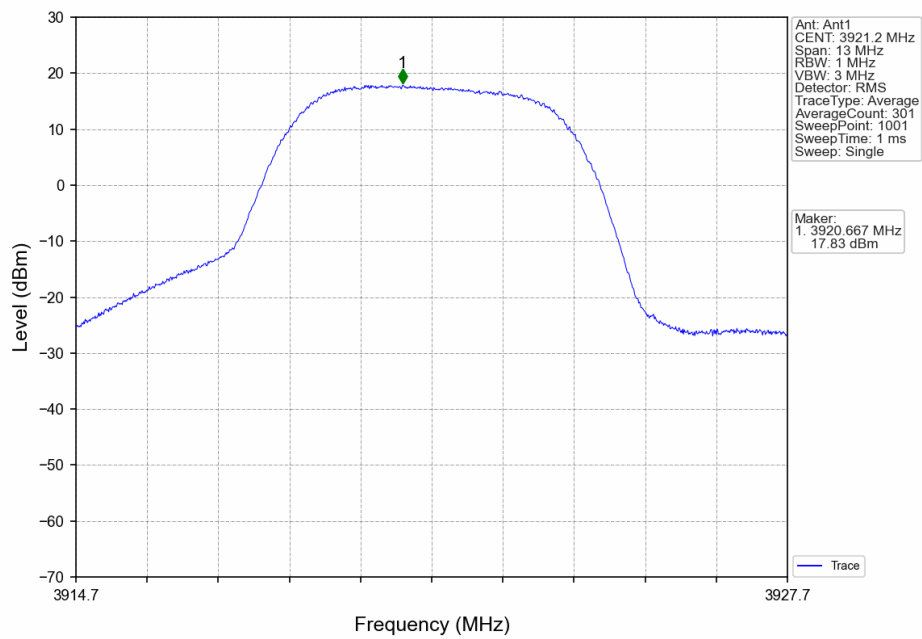
Band: N77 / NTNV					
Operation Band	Level (dBm)	Frequency (MHz)	Total Output Power (dBm)	EIRP (dBm)	Gain (dB)
GMSK 0.2MHz	-3.2	3921.2	23.89	32.89	/
	-0.2	3921.2	23.93	32.93	/
AWGN 5MHz	-3.2	3921.2	23.79	32.79	/
	-0.2	3921.2	23.85	32.85	/
AWGN 100MHz	-3.2	3921.2	23.81	32.81	/
	-0.2	3921.2	23.88	32.88	/

Band: N77 / NTNV								
Signal			Conducted Power (dBm)		EIRP (dBm)		Limit (dBm)	Verdict
Type	Level (dBm)	Frequency (MHz)	SISO	2*2	SISO	2*2		
GMSK 0.2MHz	-3.2	3921.2	23.89	26.91	32.89	35.91	/	Pass
	-0.2	3921.2	23.93	26.95	32.93	35.95	/	Pass
AWGN 5MHz	-3.2	3921.2	23.79	26.81	32.79	35.81	/	Pass
	-0.2	3921.2	23.85	26.87	32.85	35.87	/	Pass
AWGN 100MHz	-3.2	3921.2	23.81	26.83	32.81	35.83	/	Pass
	-0.2	3921.2	23.88	26.90	32.88	35.90	/	Pass

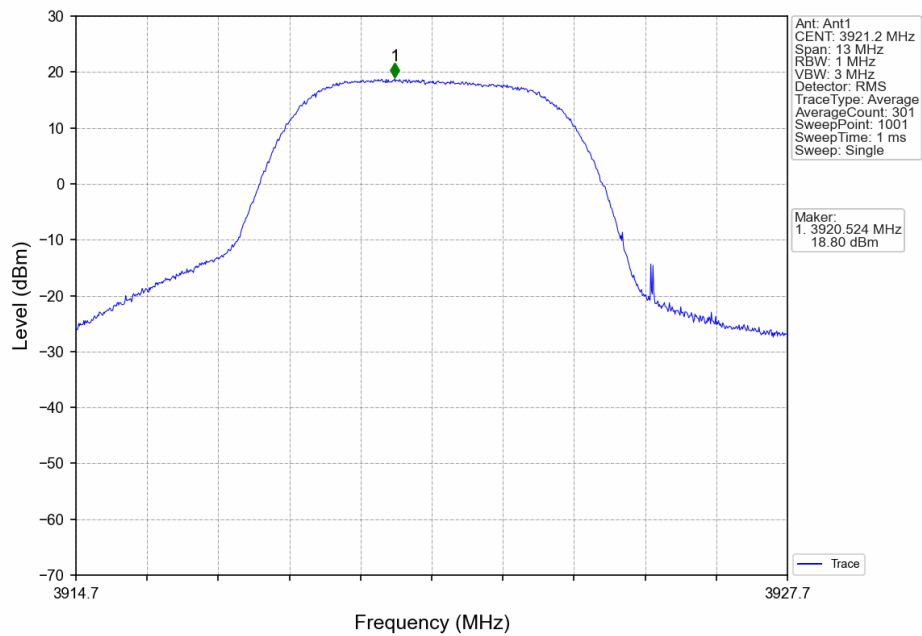
4.1.2 Test Graph



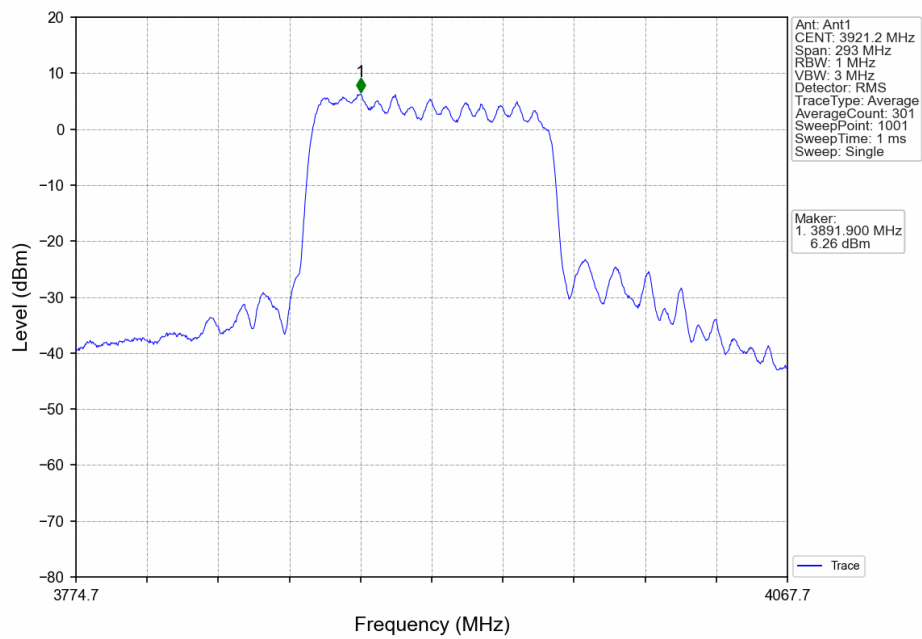
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_AGC



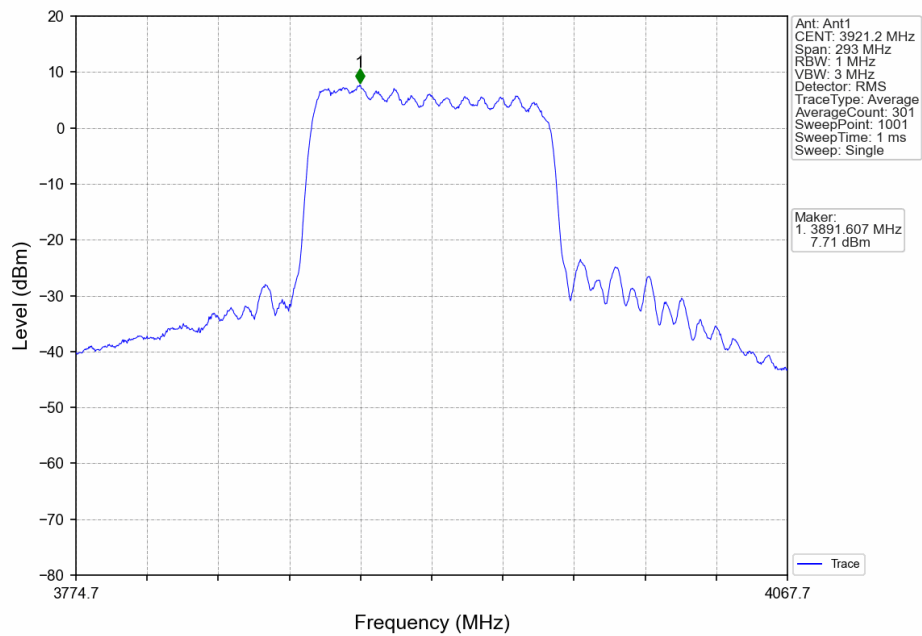
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_AGC+3



Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3

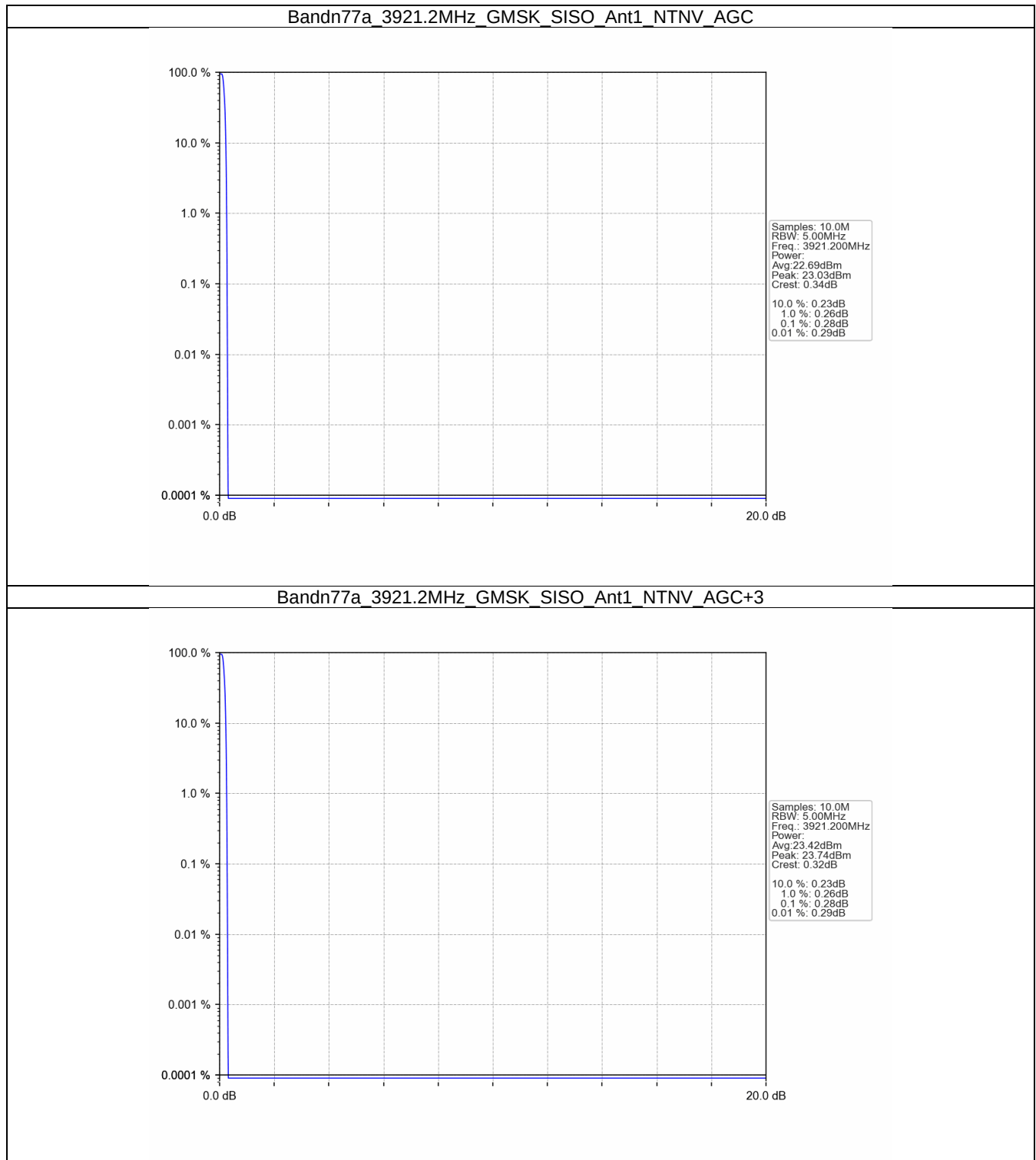


4.2 Bandn77a_PAPR

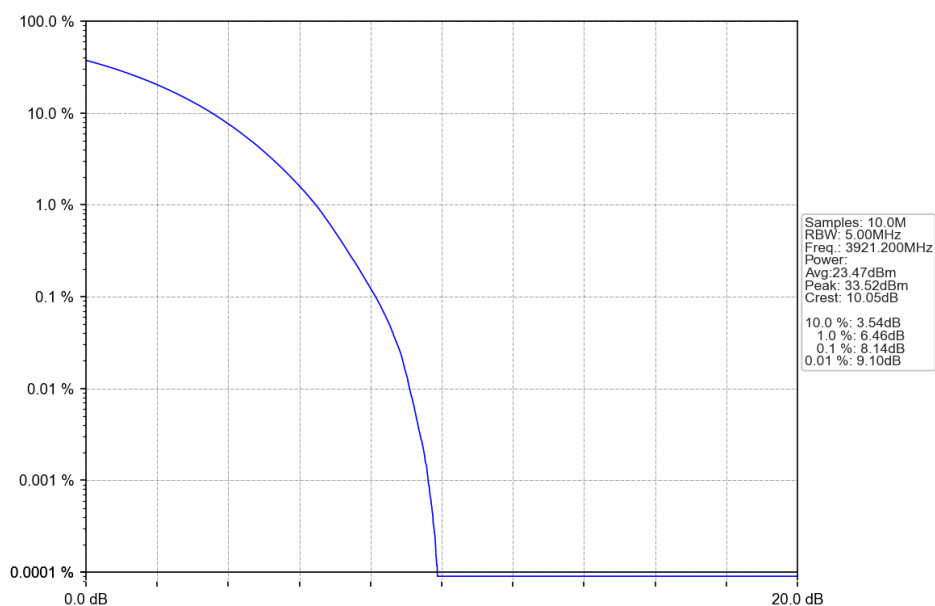
4.2.1 Test Result

Band: n77a / NTV							
Signal			TX Type	ANT	PAPR (dB)		Verdict
Type	Level (dBm)	Frequency (MHz)			Result	Limit	
GMSK 0.2MHz	-3.2	3921.2	SISO	1	0.28	<=13	Pass
	-0.2	3921.2	SISO	1	0.28	<=13	Pass
AWGN 5MHz	-3.2	3921.2	SISO	1	8.14	<=13	Pass
	-0.2	3921.2	SISO	1	8.26	<=13	Pass
AWGN 100MHz	-3.2	3921.2	SISO	1	8.36	<=13	Pass
	-0.2	3921.2	SISO	1	8.37	<=13	Pass

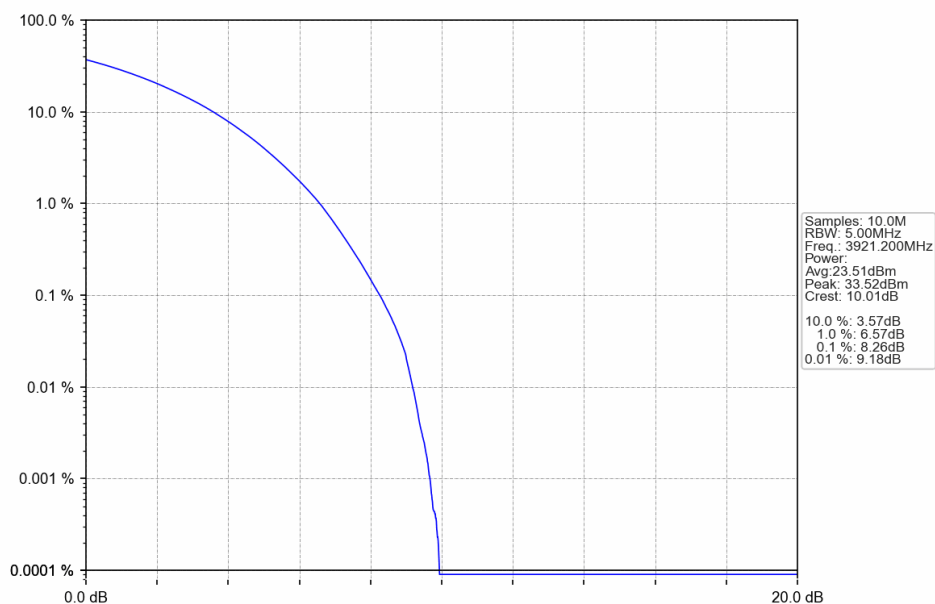
4.2.2 Test Graph



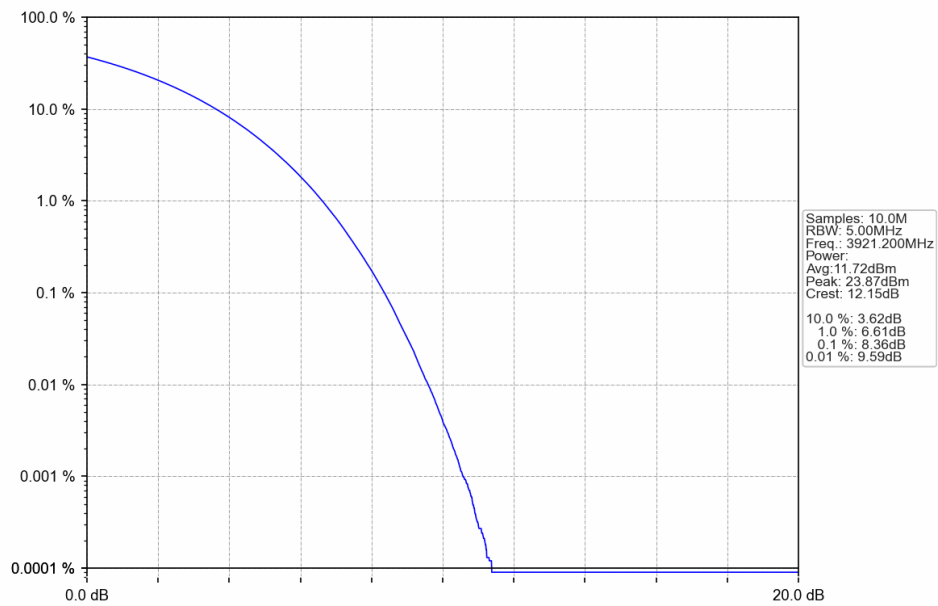
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_AGC



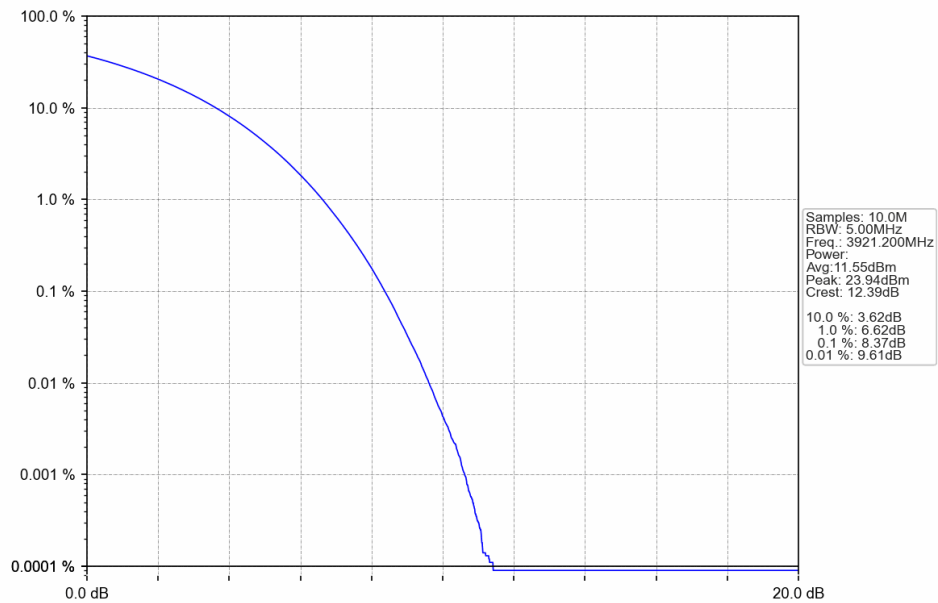
Bandn77a_3921.2MHz_AWGN_SISO_Ant1_NTNV_AGC+3



Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



Bandn77a_3921.2MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3



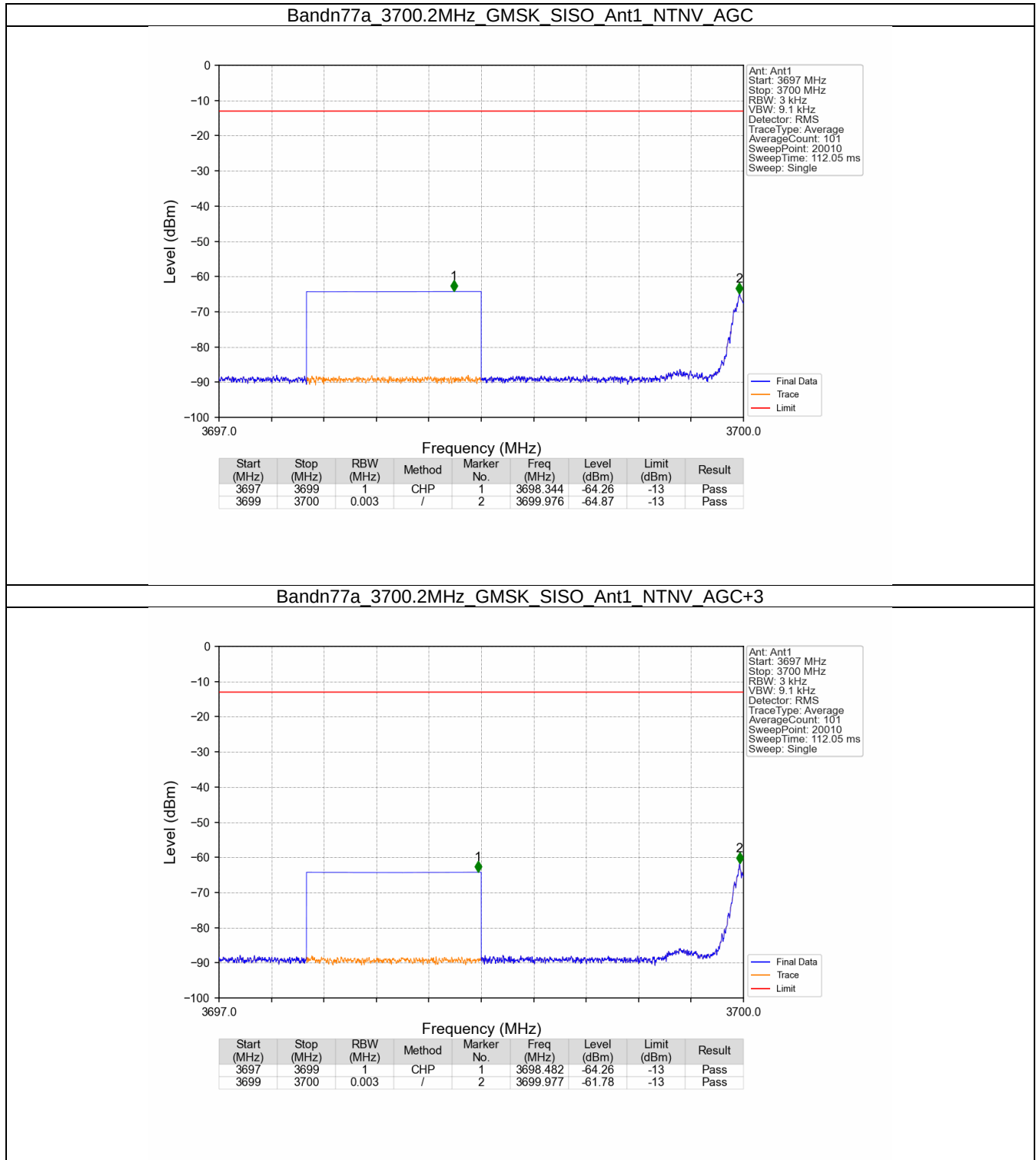
5. Out-of-band/out-of-block (including intermodulation) emissions

5.1 Band n77a

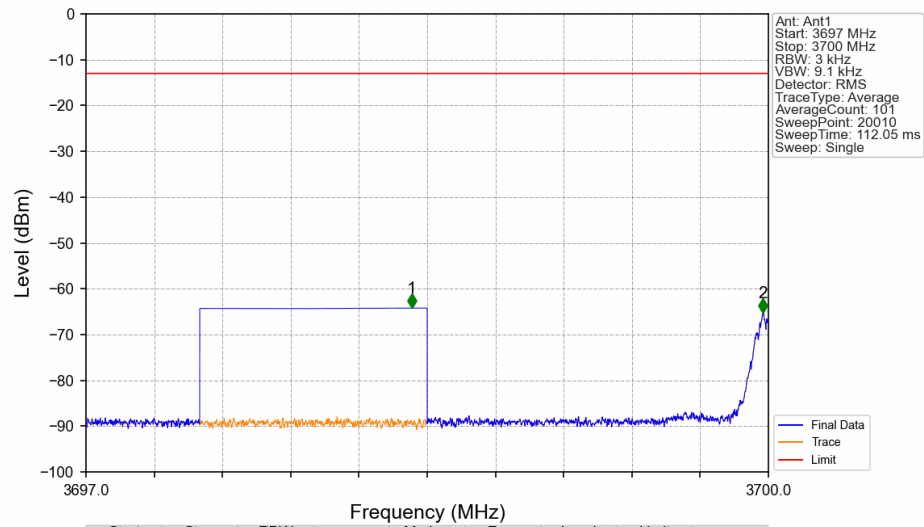
5.1.1 Test Result

Band: n77a / NTNV									
Signal				Channel	TX Type	ANT	OOB (dBm)		Verdict
Input	Type	Level (dBm)	Frequency (MHz)				Result	Limit	
Two	GMSK 0.2MHz	-3.2	3700.2	LCH	SISO	1	-64.26	Refer To Test Graph	Pass
		-0.2	3700.2	LCH	SISO	1	-61.78	Refer To Test Graph	Pass
One	GMSK 0.2MHz	-3.2	3700.2	LCH	SISO	1	-64.23	Refer To Test Graph	Pass
		-0.2	3700.2	LCH	SISO	1	-62.40	Refer To Test Graph	Pass
Two	GMSK 0.2MHz	-3.2	3979.8	HCH	SISO	1	-53.66	Refer To Test Graph	Pass
		-0.2	3979.8	HCH	SISO	1	-50.24	Refer To Test Graph	Pass
One	GMSK 0.2MHz	-3.2	3979.8	HCH	SISO	1	-53.06	Refer To Test Graph	Pass
		-0.2	3979.8	HCH	SISO	1	-50.11	Refer To Test Graph	Pass
Two	AWGN 5MHz	-3.2	3702.5	LCH	SISO	1	-64.10	Refer To Test Graph	Pass
		-0.2	3702.5	LCH	SISO	1	-64.14	Refer To Test Graph	Pass
One	AWGN 5MHz	-3.2	3702.5	LCH	SISO	1	-64.18	Refer To Test Graph	Pass
		-0.2	3702.5	LCH	SISO	1	-64.13	Refer To Test Graph	Pass
Two	AWGN 5MHz	-3.2	3977.5	HCH	SISO	1	-51.73	Refer To Test Graph	Pass
		-0.2	3977.5	HCH	SISO	1	-41.07	Refer To Test Graph	Pass
One	AWGN 5MHz	-3.2	3977.5	HCH	SISO	1	-50.79	Refer To Test Graph	Pass
		-0.2	3977.5	HCH	SISO	1	-40.49	Refer To Test Graph	Pass
Two	AWGN 100MHz	-3.2	3750	LCH	SISO	1	-34.16	Refer To Test Graph	Pass
		-0.2	3750	LCH	SISO	1	-31.44	Refer To Test Graph	Pass
One	AWGN 100MHz	-3.2	3750	LCH	SISO	1	-33.05	Refer To Test Graph	Pass
		-0.2	3750	LCH	SISO	1	-30.45	Refer To Test Graph	Pass
Two	AWGN 100MHz	-3.2	3930	HCH	SISO	1	-22.39	Refer To Test Graph	Pass
		-0.2	3930	HCH	SISO	1	-18.86	Refer To Test Graph	Pass
One	AWGN 100MHz	-3.2	3930	HCH	SISO	1	-22.39	Refer To Test Graph	Pass
		-0.2	3930	HCH	SISO	1	-18.58	Refer To Test Graph	Pass

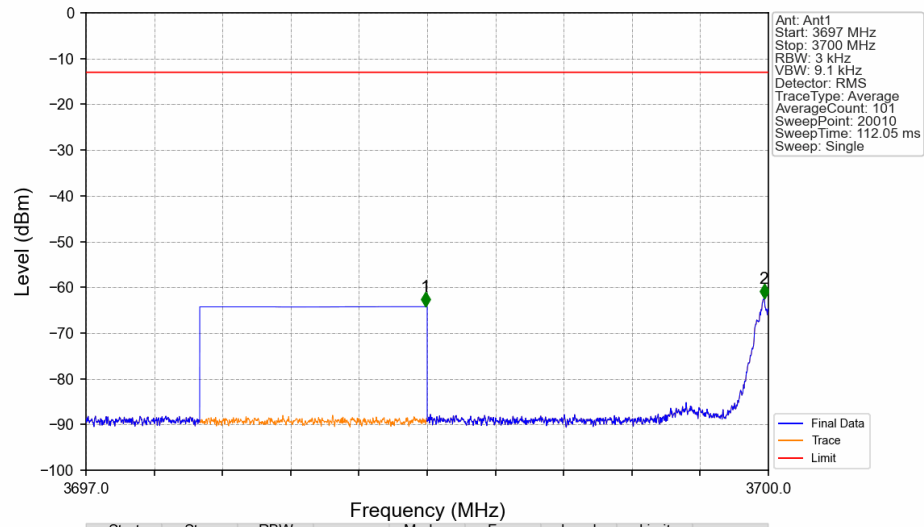
5.1.2 Test Graph



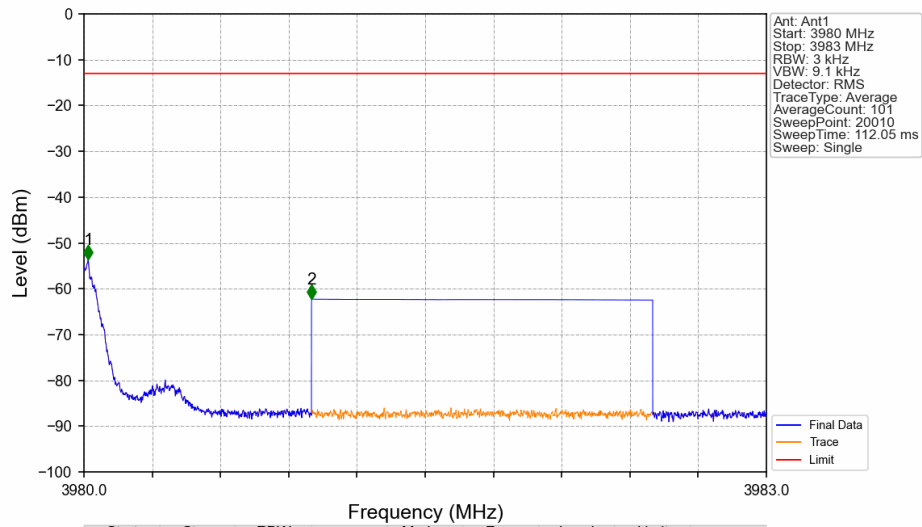
Bandn77a_3700.2MHz_GMSK_SISO_Ant1_NTNV_AGC



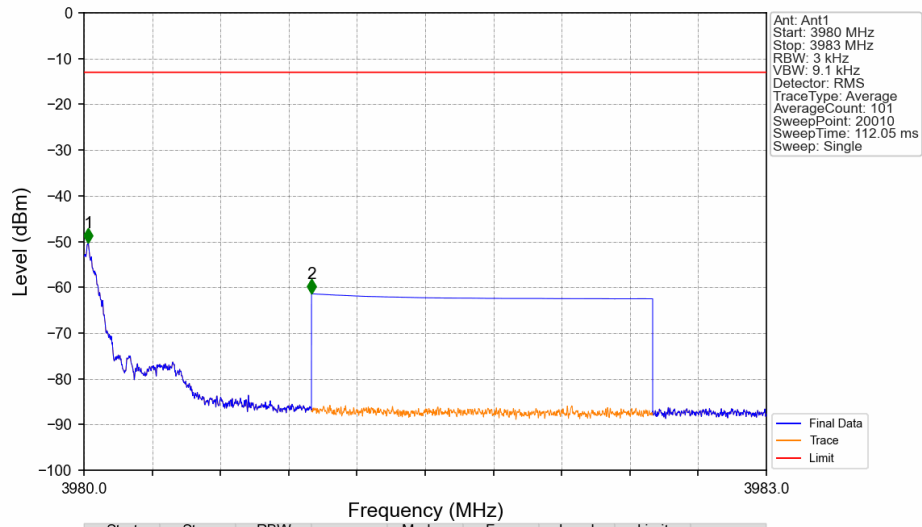
Bandn77a_3700.2MHz_GMSK_SISO_Ant1_NTNV_AGC+3



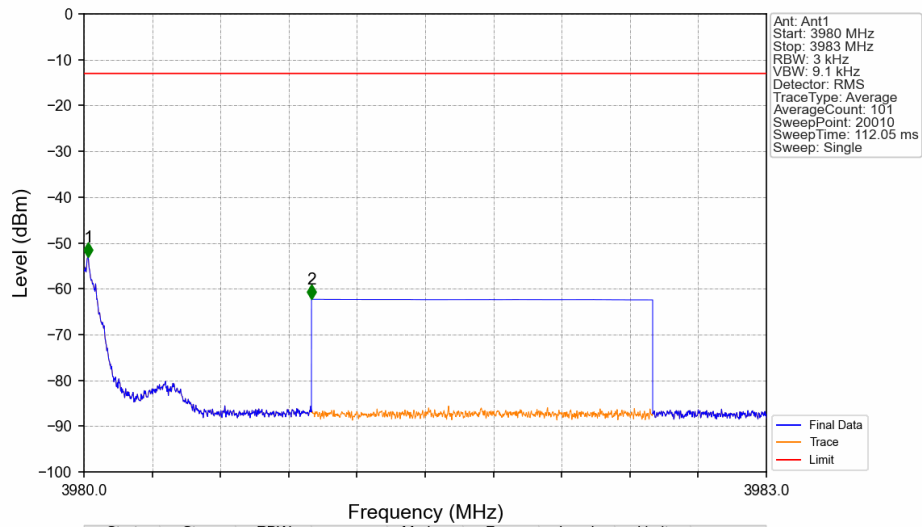
Bandn77a_3979.8MHz_GMSK_SISO_Ant1_NTNV_AGC



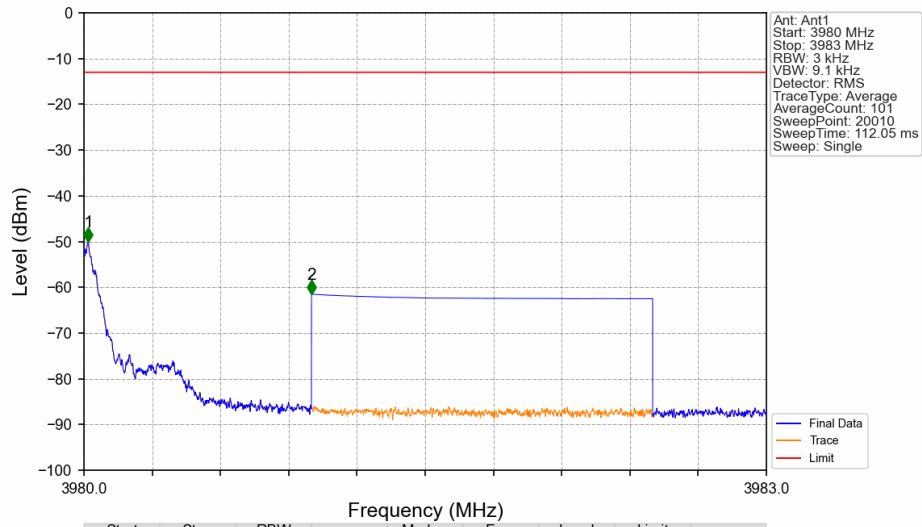
Bandn77a_3979.8MHz_GMSK_SISO_Ant1_NTNV_AGC+3



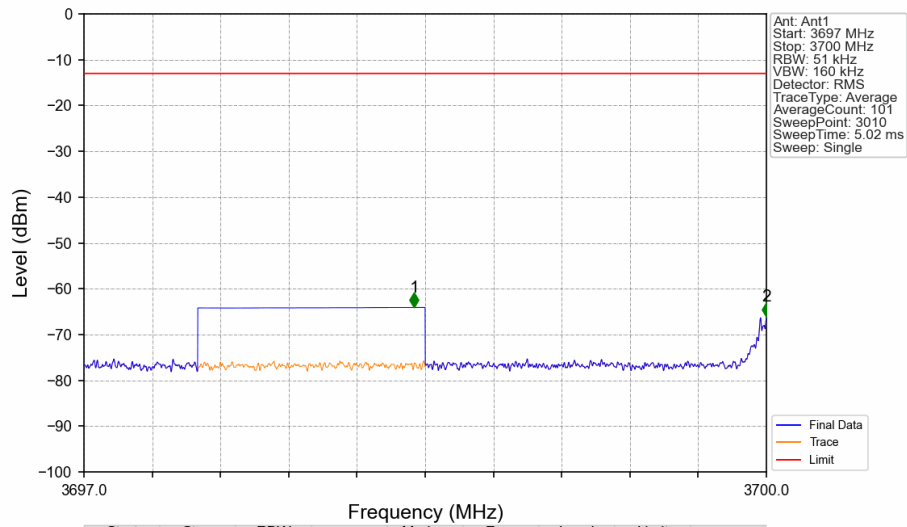
Bandn77a_3979.8MHz_GMSK_SISO_Ant1_NTNV_AGC



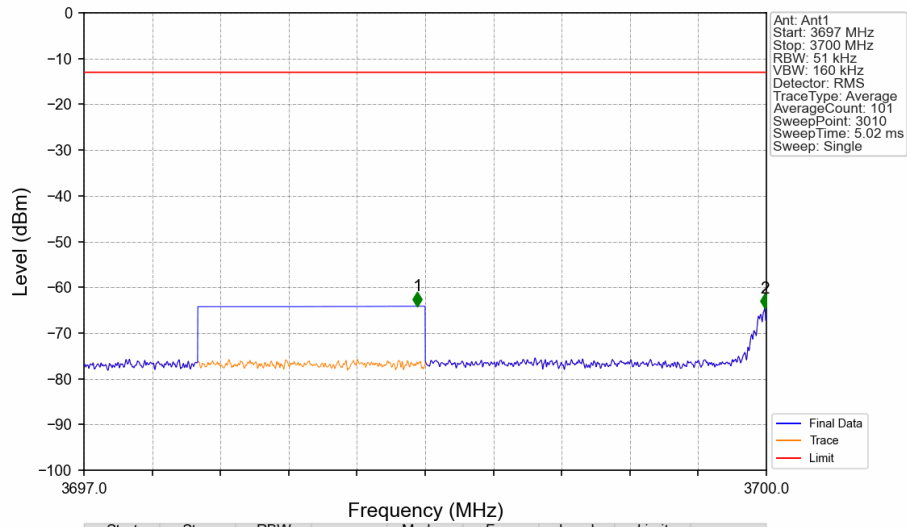
Bandn77a_3979.8MHz_GMSK_SISO_Ant1_NTNV_AGC+3



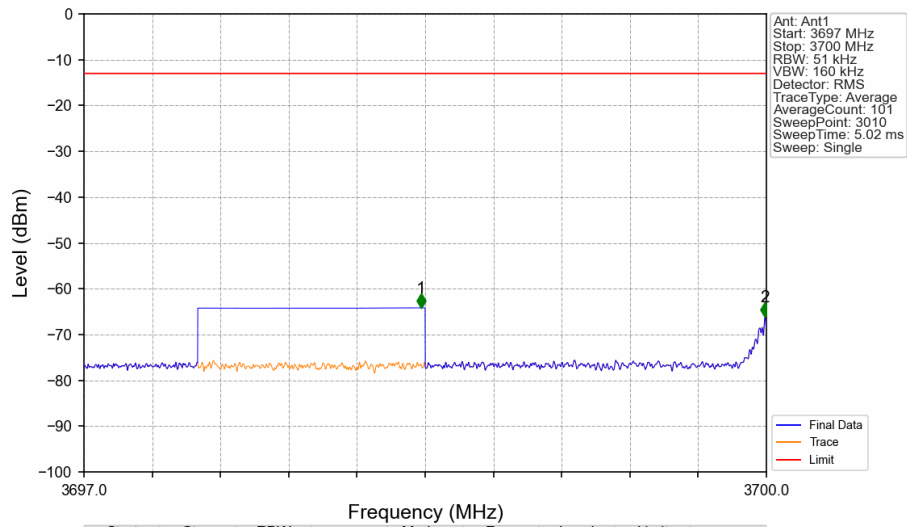
Bandn77a_3702.5MHz_AWGN_SISO_Ant1_NTNV_AGC



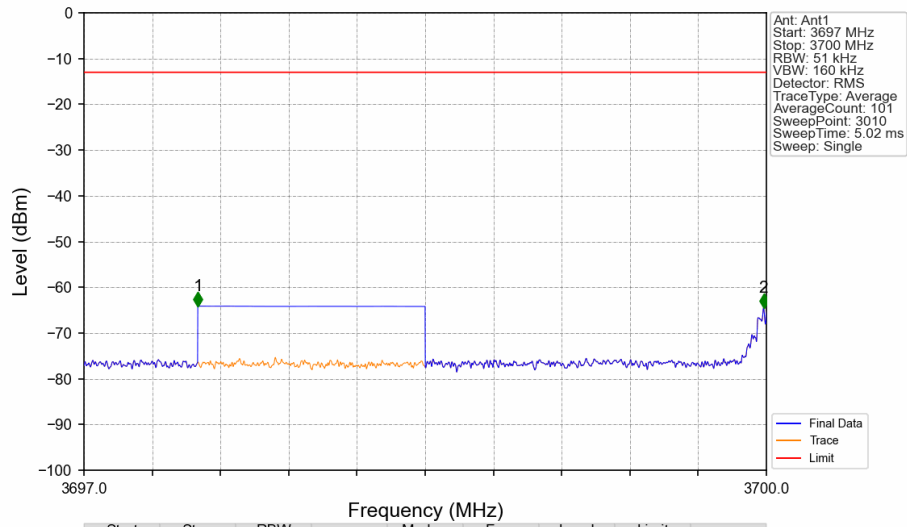
Bandn77a_3702.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3



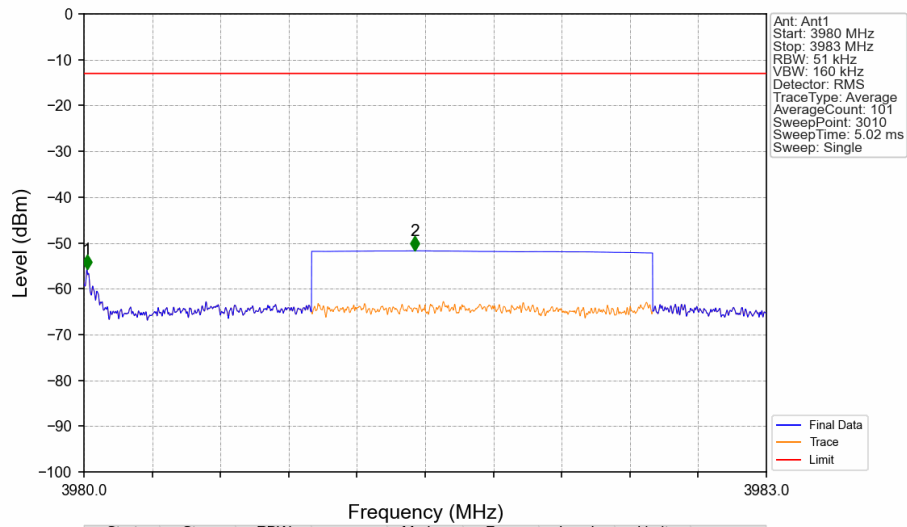
Bandn77a_3702.5MHz_AWGN_SISO_Ant1_NTNV_AGC



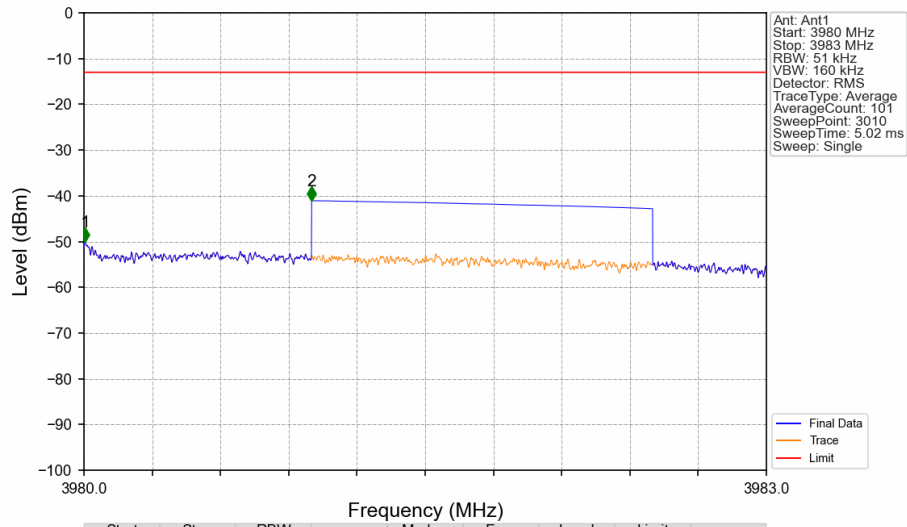
Bandn77a_3702.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3



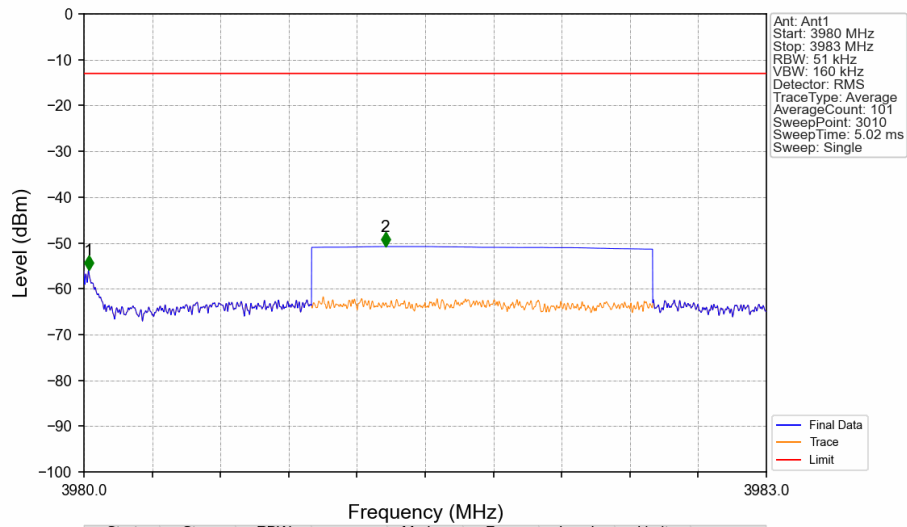
Bandn77a_3977.5MHz_AWGN_SISO_Ant1_NTNV_AGC



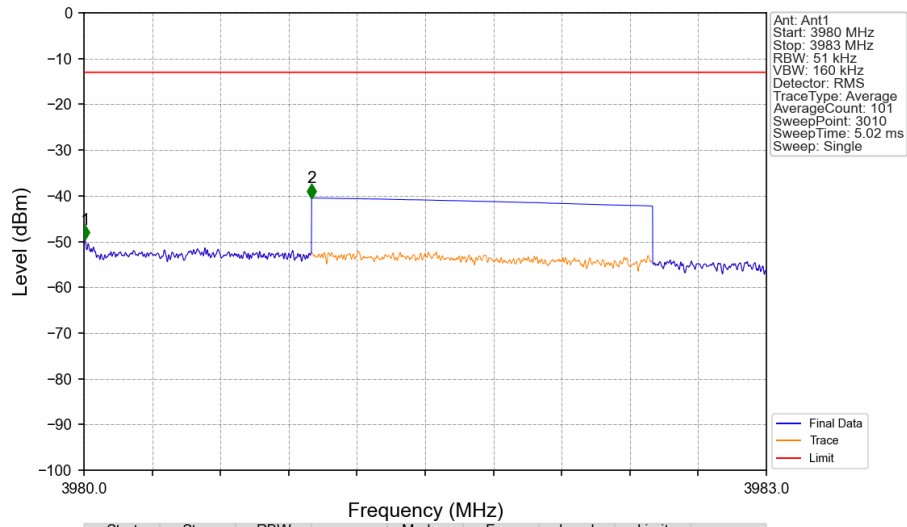
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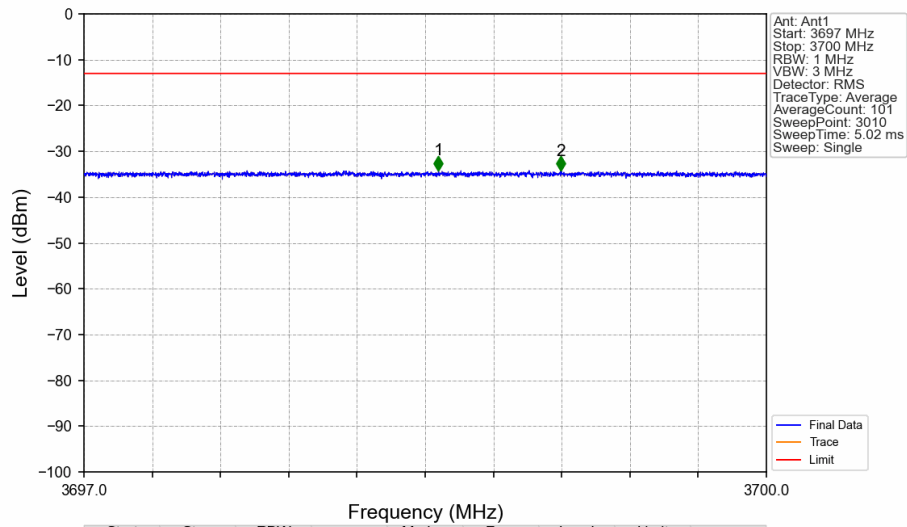
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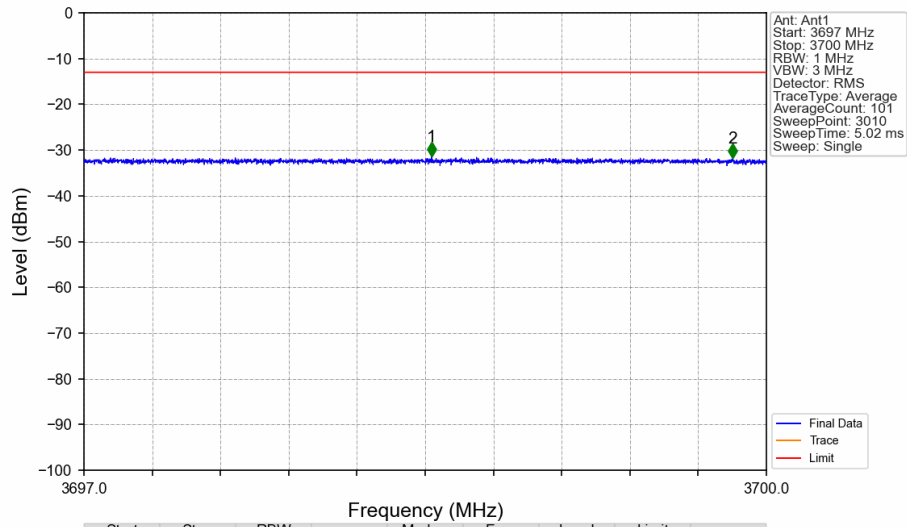
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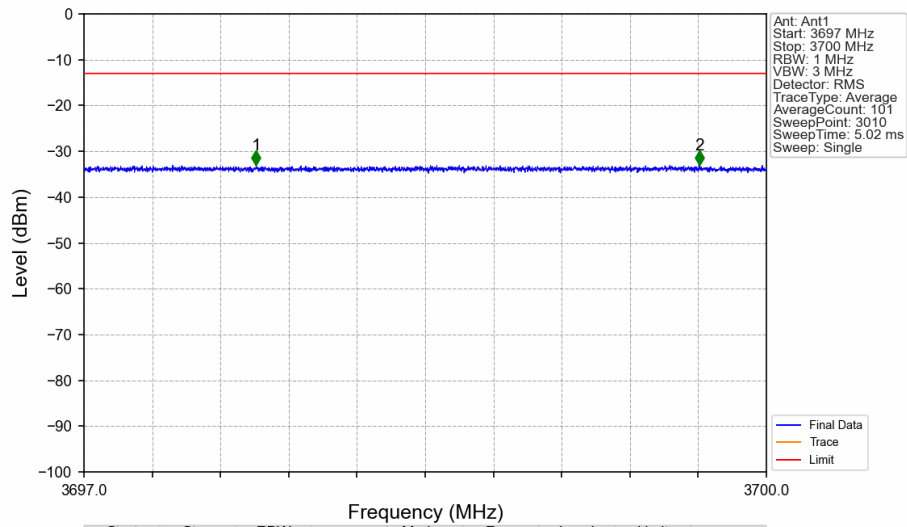
Bandn77a_3750MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



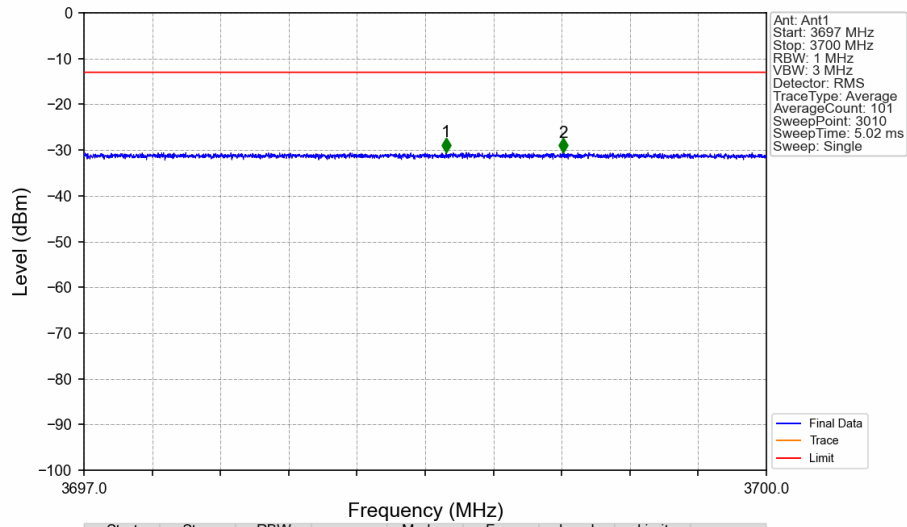
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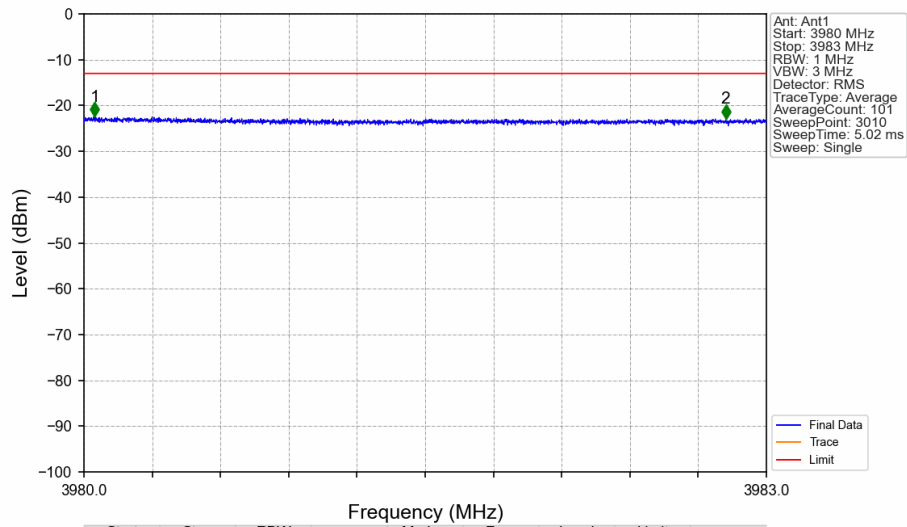
Bandn77a_3750MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



Bandn77a_3750MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3

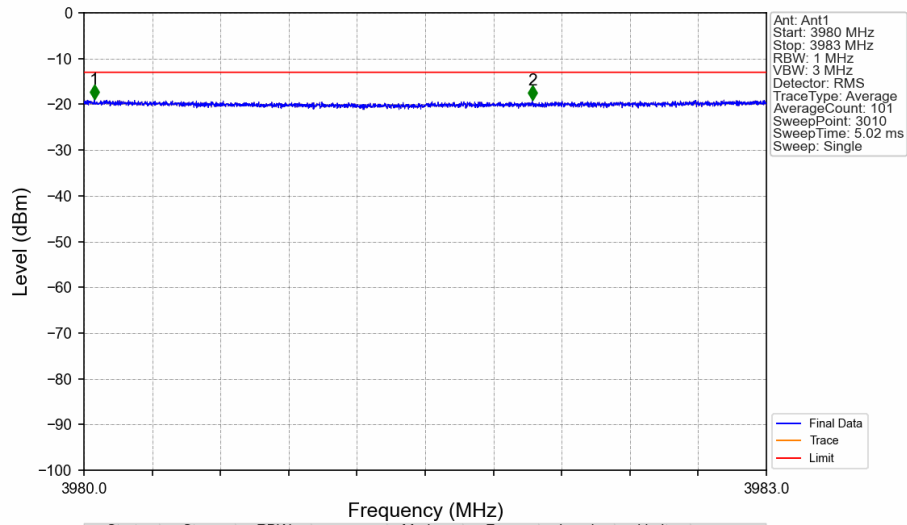


Bandn77a_3930MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



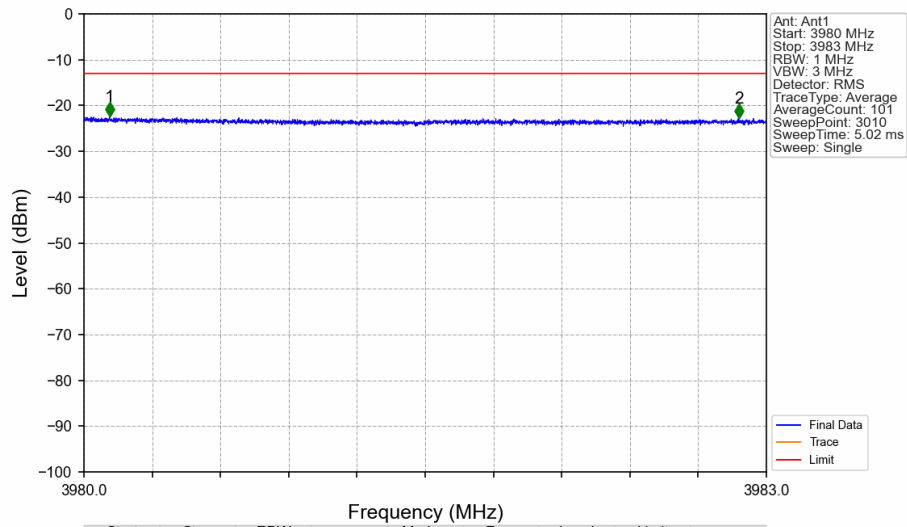
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3980	3981	1.057	/	1	3980.048	-22.39	-13	Pass
3981	3983	1	/	2	3982.822	-22.87	-13	Pass

Bandn77a_3930MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3



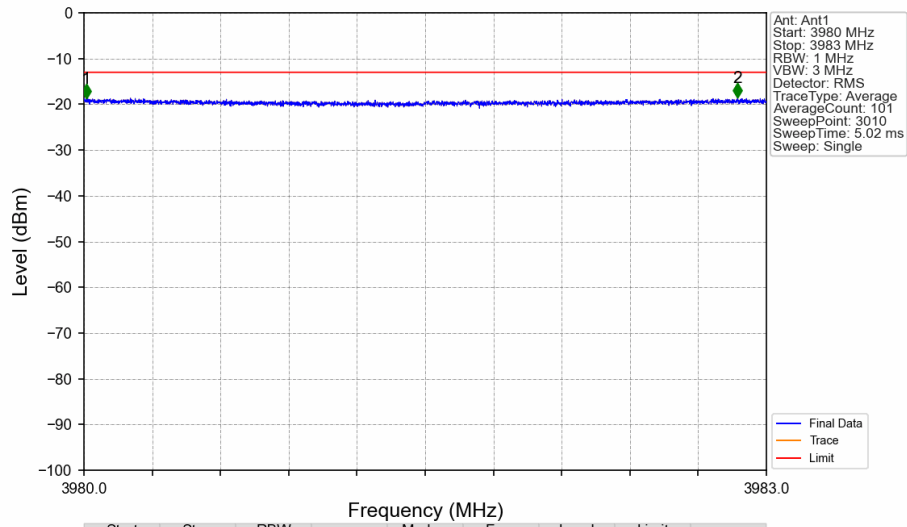
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3980	3981	1.057	/	1	3980.046	-18.86	-13	Pass
3981	3983	1	/	2	3981.971	-19.04	-13	Pass

Bandn77a_3930MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3980	3981	1.057	/	1	3980.113	-22.39	-13	Pass
3981	3983	1	/	2	3982.878	-22.73	-13	Pass

Bandn77a_3930MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3980	3981	1.057	/	1	3980.009	-18.65	-13	Pass
3981	3983	1	/	2	3982.873	-18.58	-13	Pass

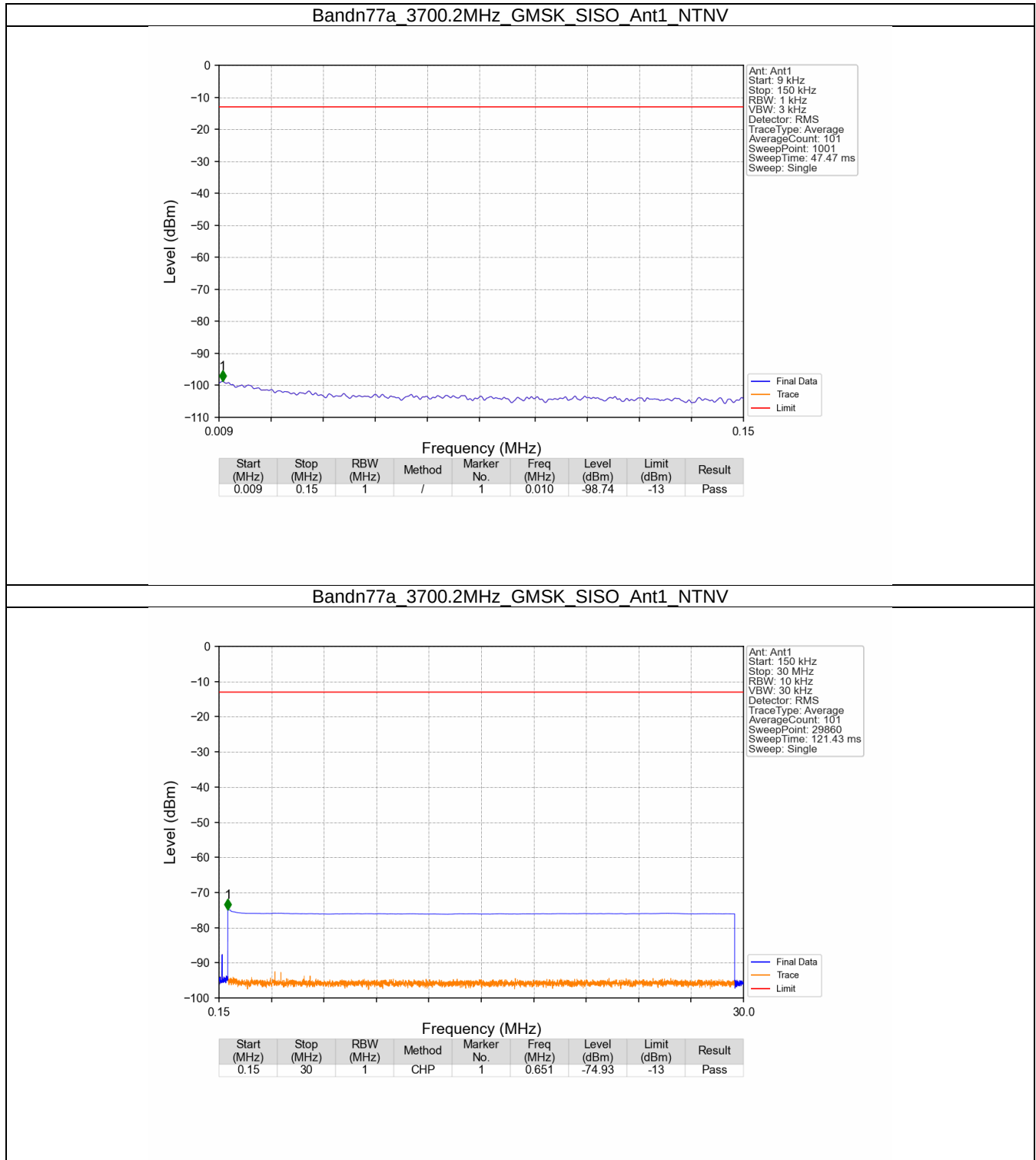
6. Spurious emissions

6.1 Band n77a

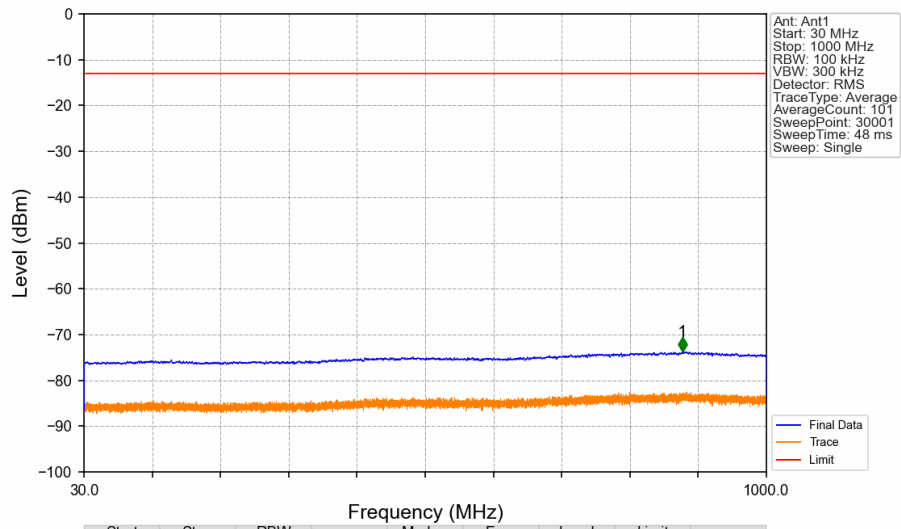
6.1.1 Test Result

Band: n77a / NTNV								
Signal			Channel	TX Type	ANT	SE (dBm)		Verdict
Type	Level (dBm)	Frequency (MHz)				Result	Limit	
GMSK 0.2MHz	-3.2	3700.2	LCH	SISO	1	Refer To Test Graph		Pass
		3840	MCH	SISO	1	Refer To Test Graph		Pass
		3979.8	HCH	SISO	1	Refer To Test Graph		Pass
AWGN 5MHz	-3.2	3702.5	LCH	SISO	1	Refer To Test Graph		Pass
		3840	MCH	SISO	1	Refer To Test Graph		Pass
		3977.5	HCH	SISO	1	Refer To Test Graph		Pass
AWGN 100MHz	-3.2	3750	LCH	SISO	1	Refer To Test Graph		Pass
		3840	MCH	SISO	1	Refer To Test Graph		Pass
		3930	HCH	SISO	1	Refer To Test Graph		Pass

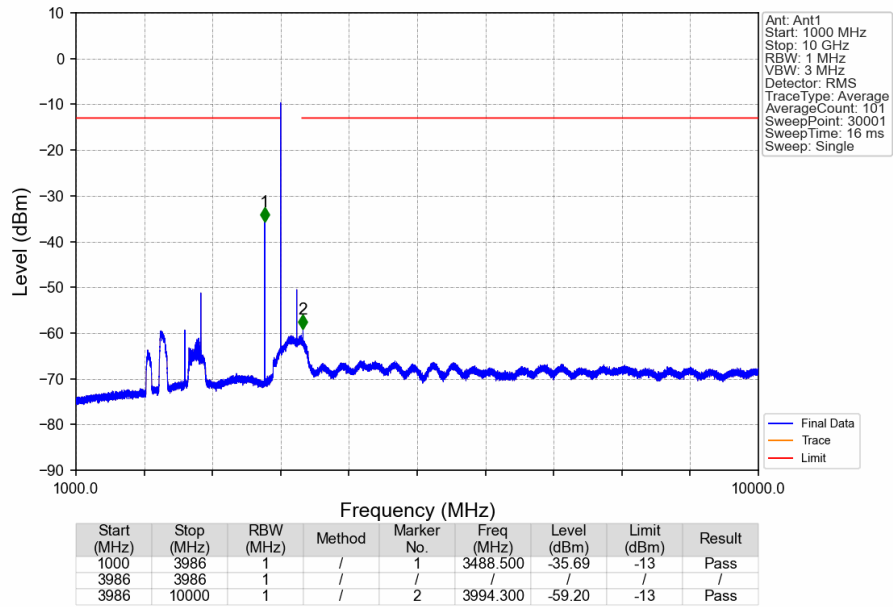
6.1.2 Test Graph



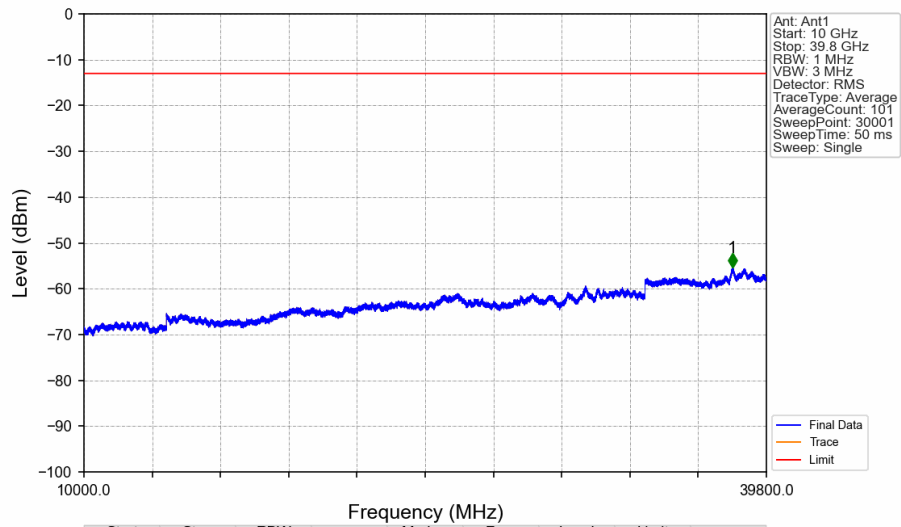
Bandn77a_3700.2MHz_GMSK_SISO_Ant1_NTNV



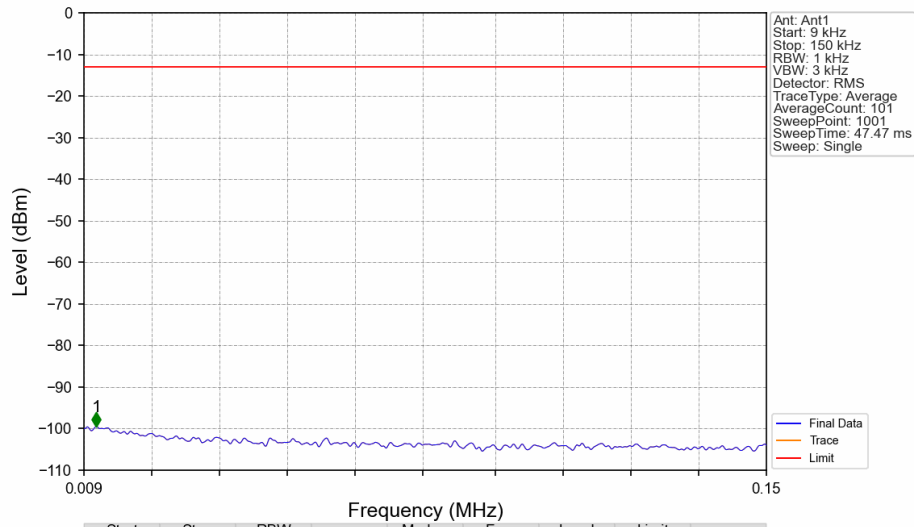
Bandn77a_3700.2MHz_GMSK_SISO_Ant1_NTNV



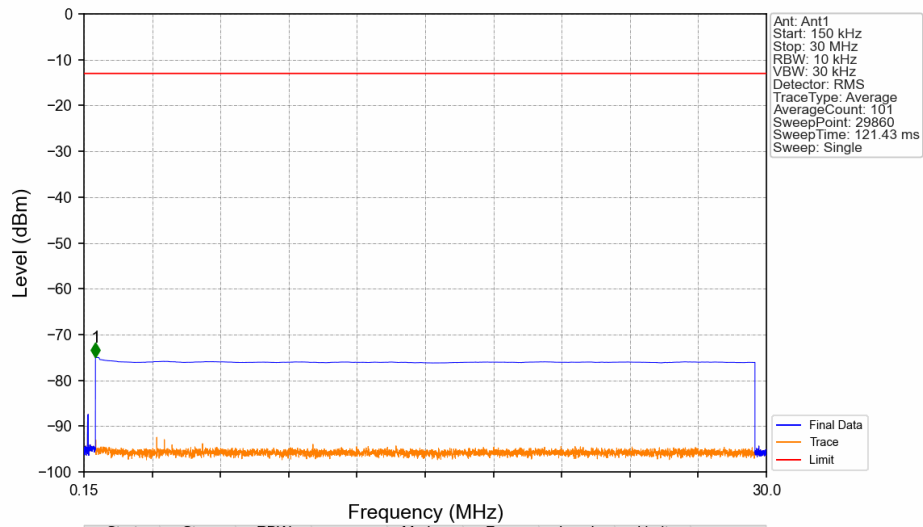
Bandn77a_3700.2MHz_GMSK_SISO_Ant1_NTNV



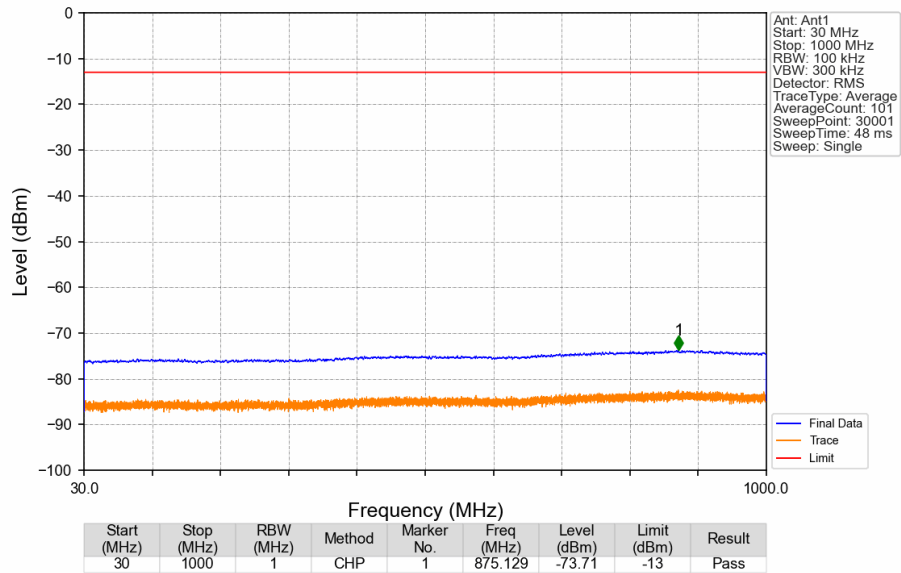
Bandn77a_3840MHz_GMSK_SISO_Ant1_NTNV



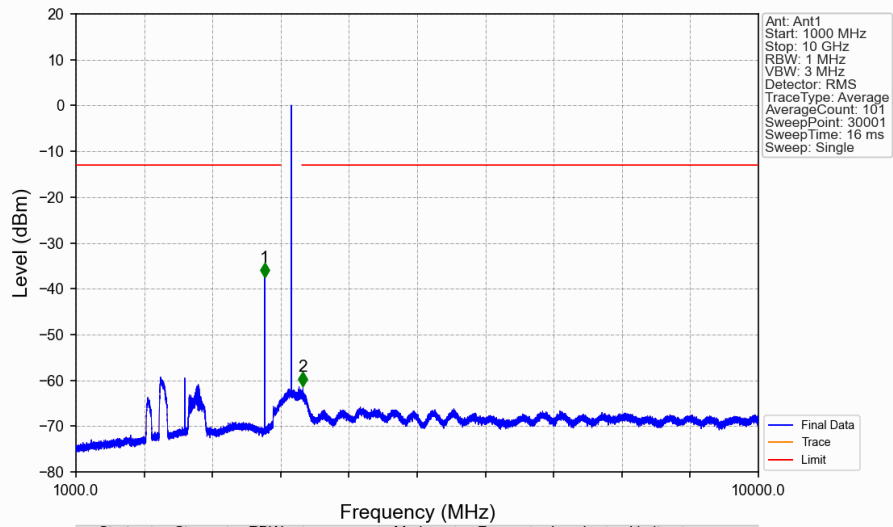
Bandn77a_3840MHz_GMSK_SISO_Ant1_NTNV



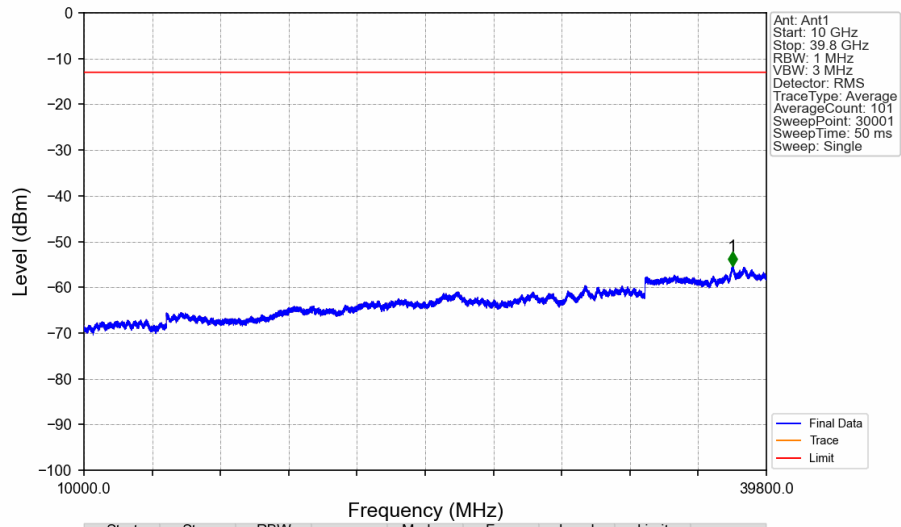
Bandn77a_3840MHz_GMSK_SISO_Ant1_NTNV



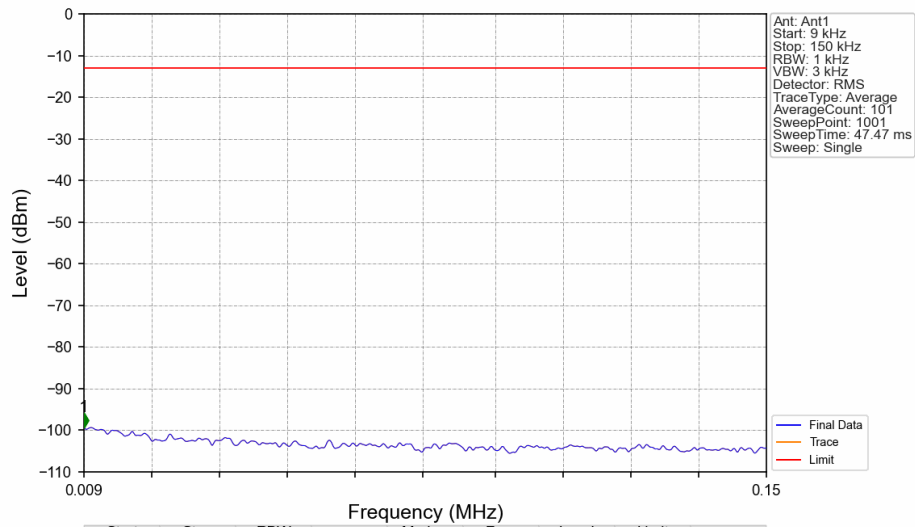
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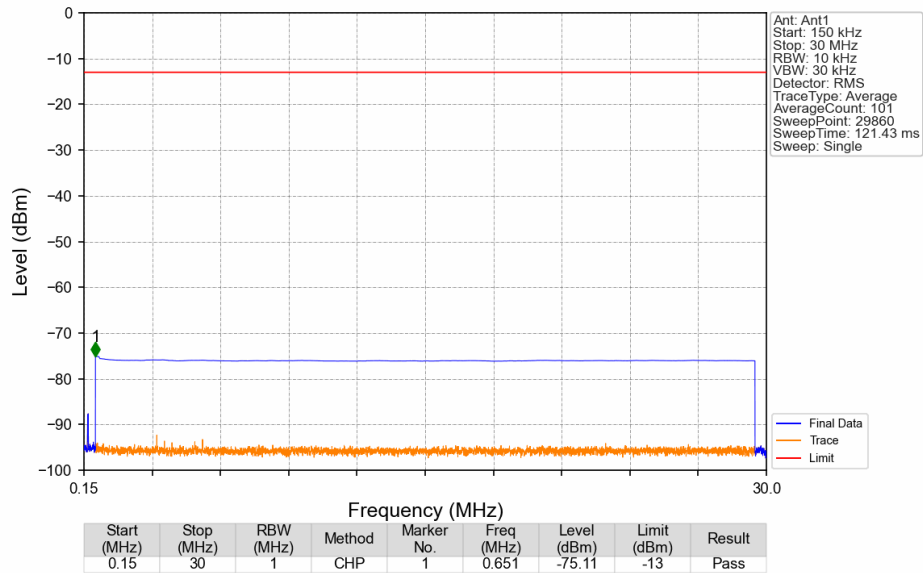
Bandn77a_3840MHz_GMSK_SISO_Ant1_NTNV



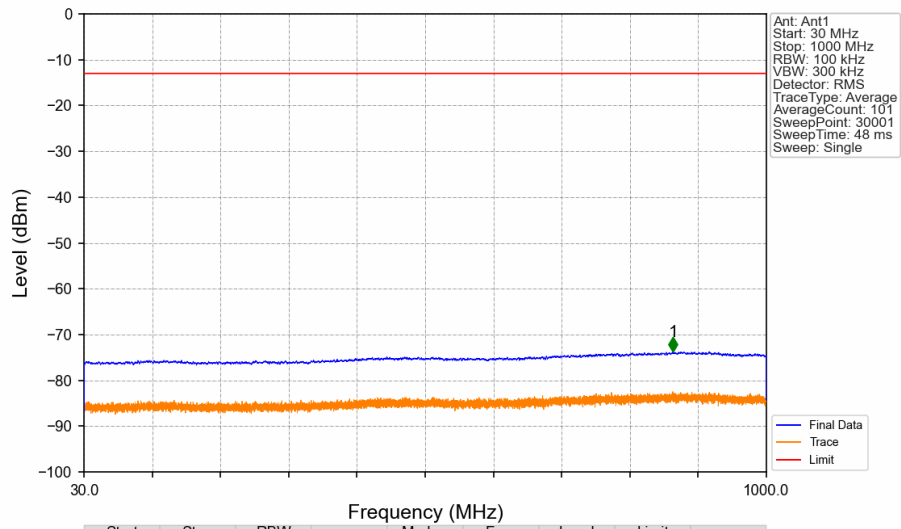
Bandn77a_3979.8MHz_GMSK_SISO_Ant1_NTNV



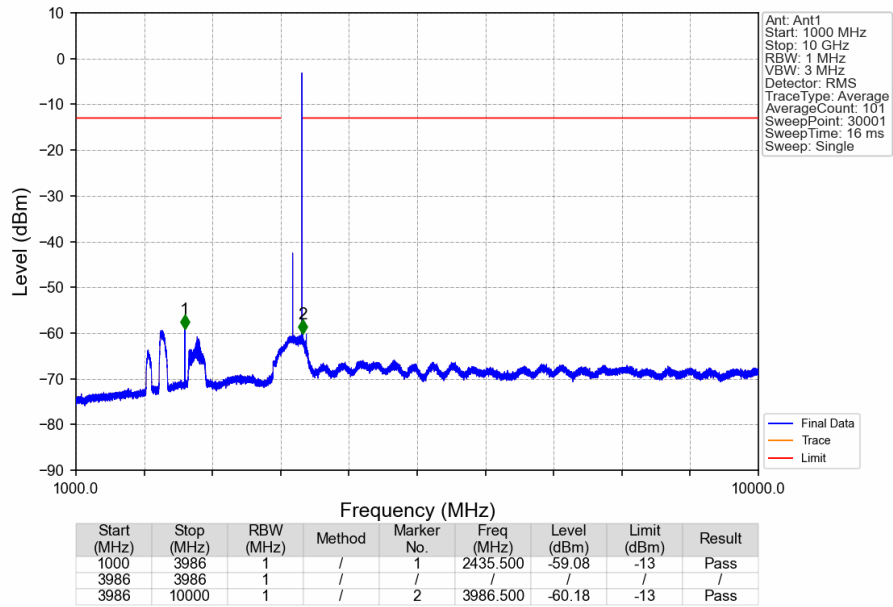
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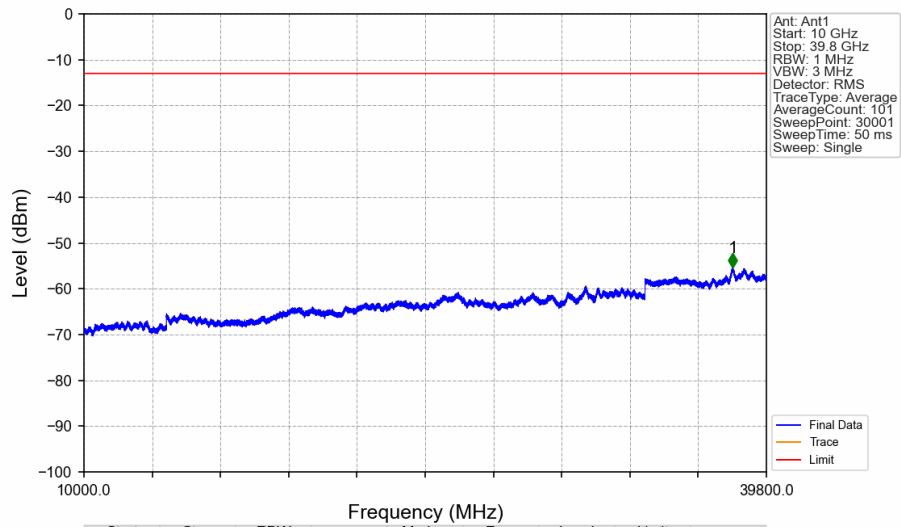
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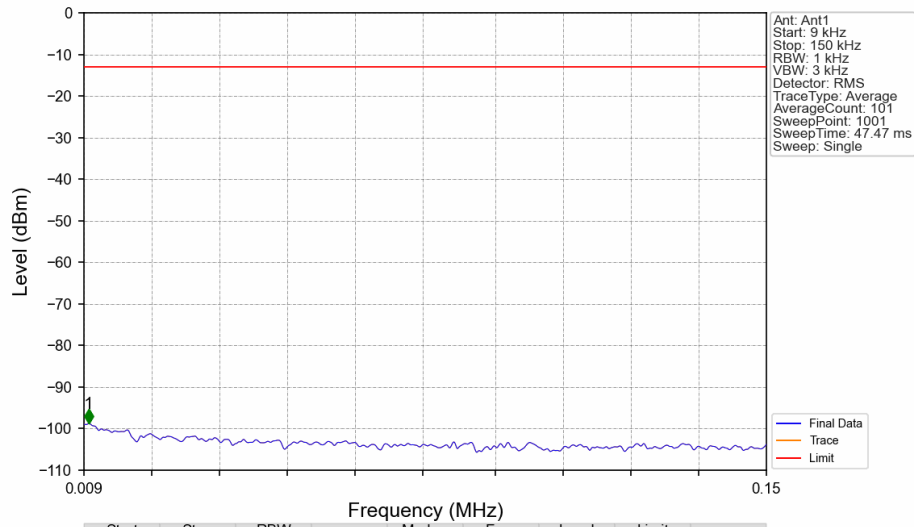
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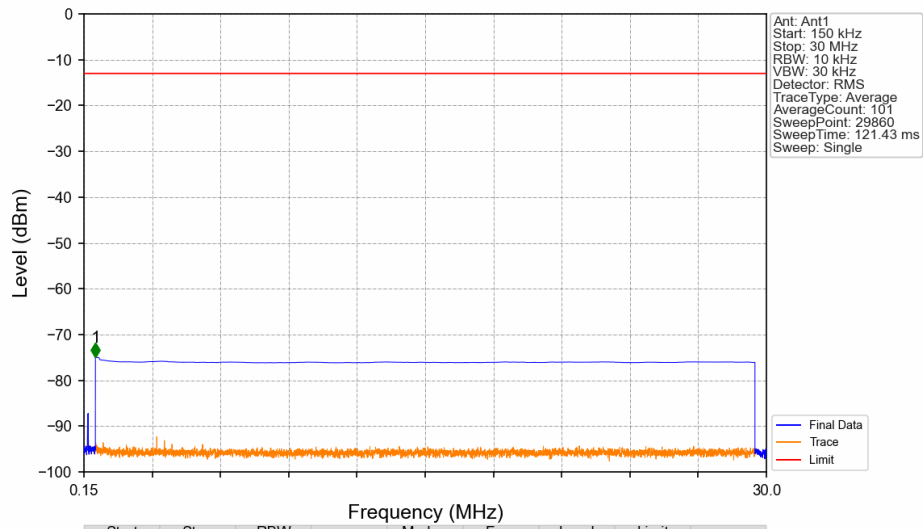
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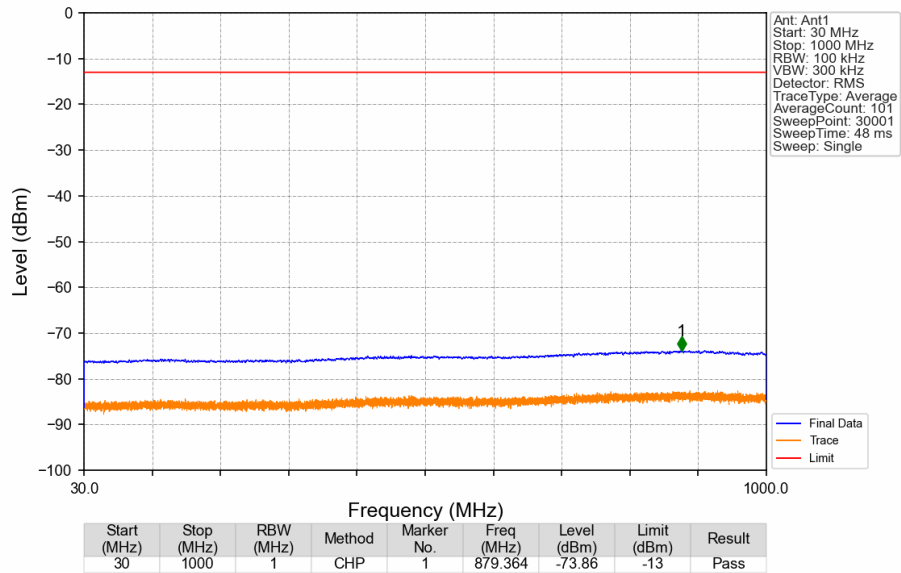
Bandn77a_3702.5MHz_AWGN_SISO_Ant1_NTNV



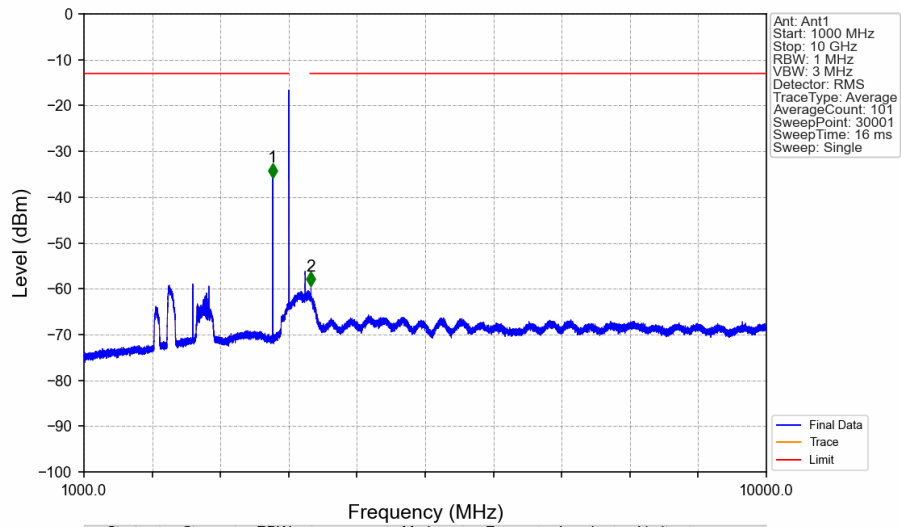
Bandn77a_3702.5MHz_AWGN_SISO_Ant1_NTNV



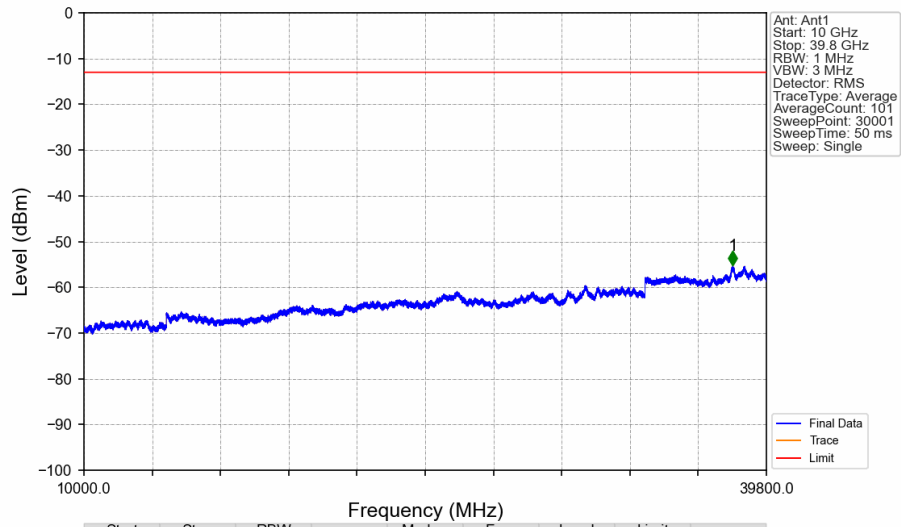
Bandn77a_3702.5MHz_AWGN_SISO_Ant1_NTNV



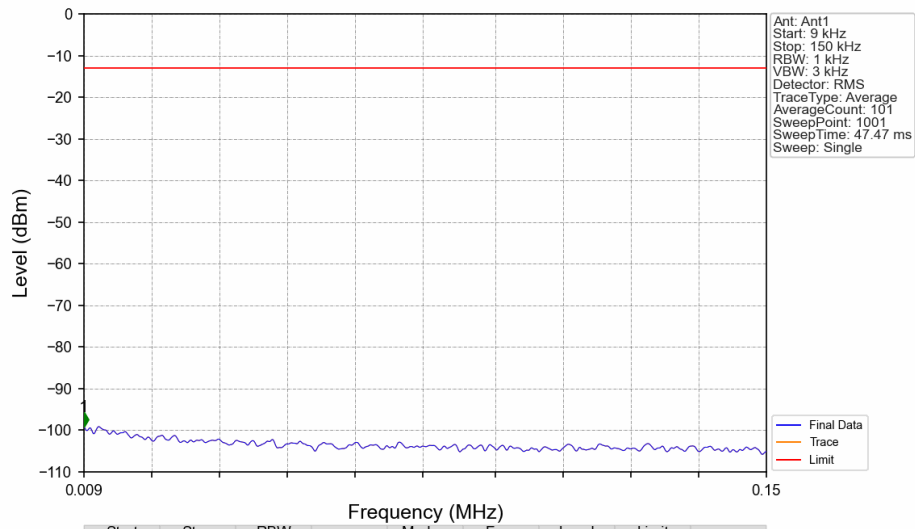
Bandn77a_3702.5MHz_AWGN_SISO_Ant1_NTNV



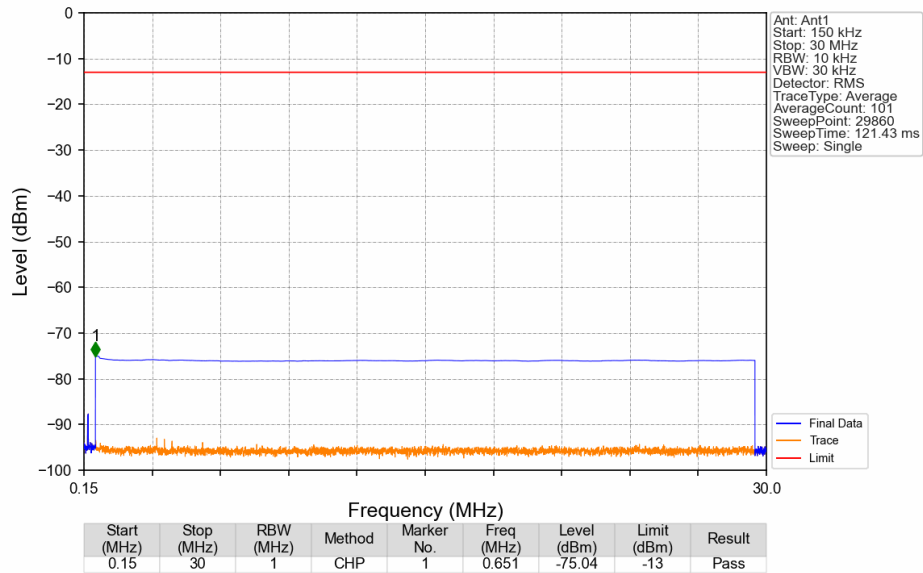
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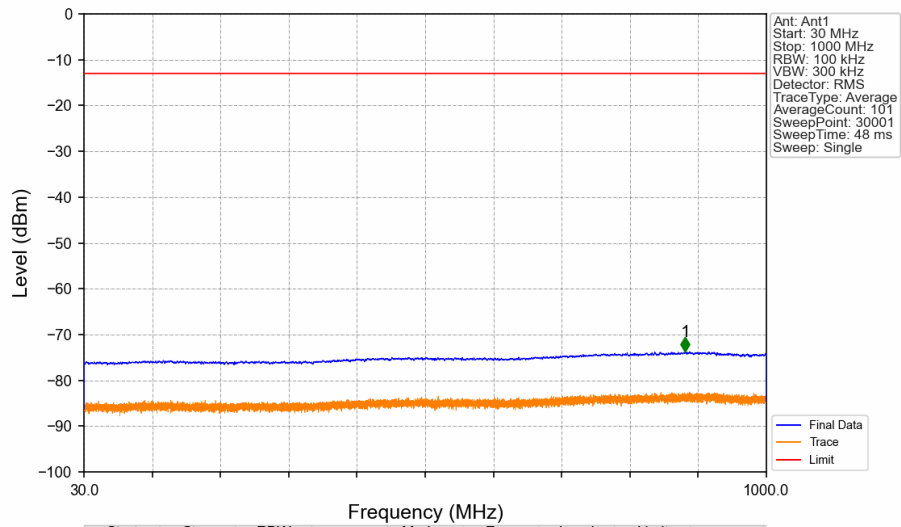
Bandn77a_3840MHz_AWGN_SISO_Ant1_NTNV



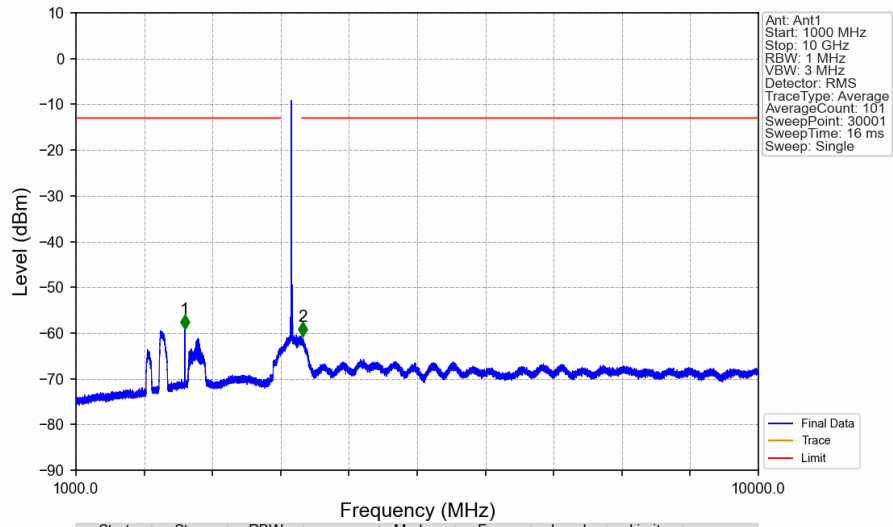
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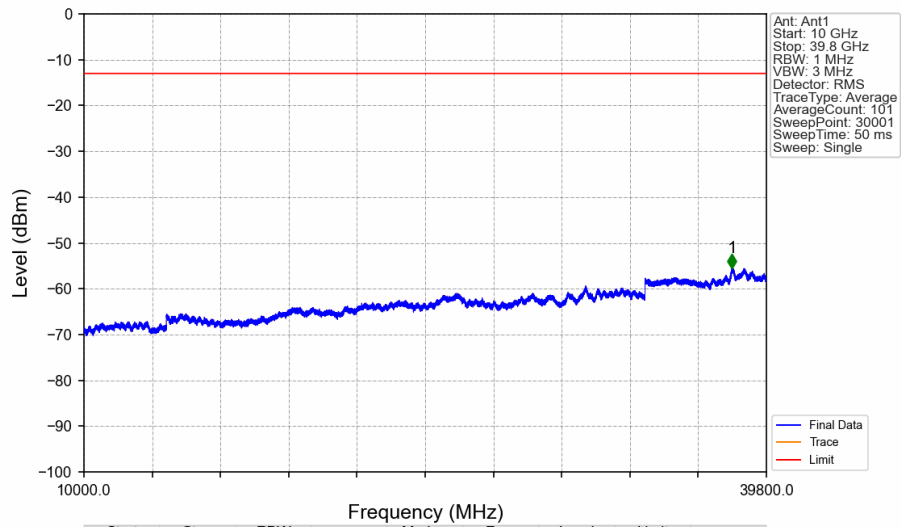
Bandn77a_3840MHz_AWGN_SISO_Ant1_NTNV



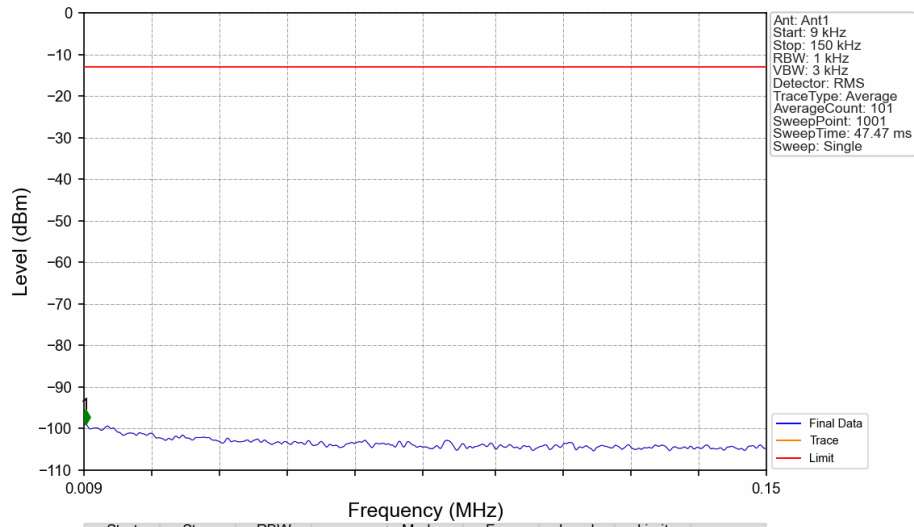
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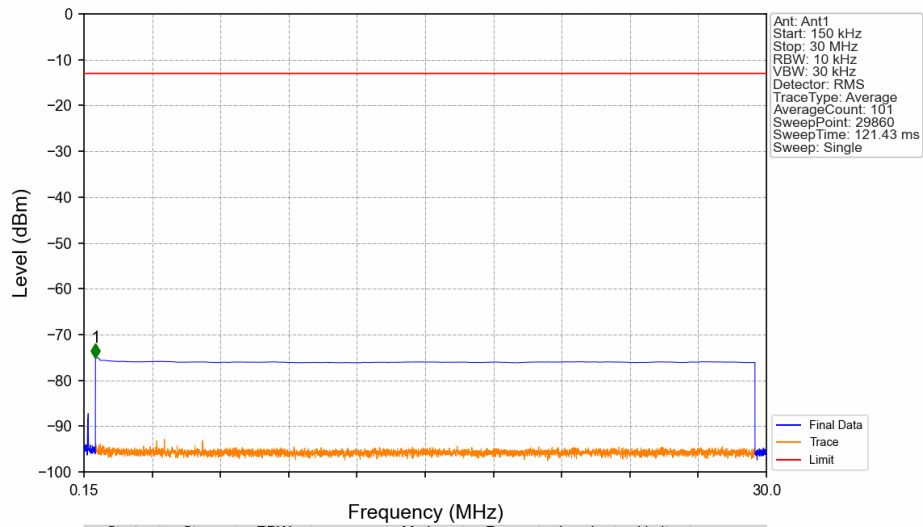
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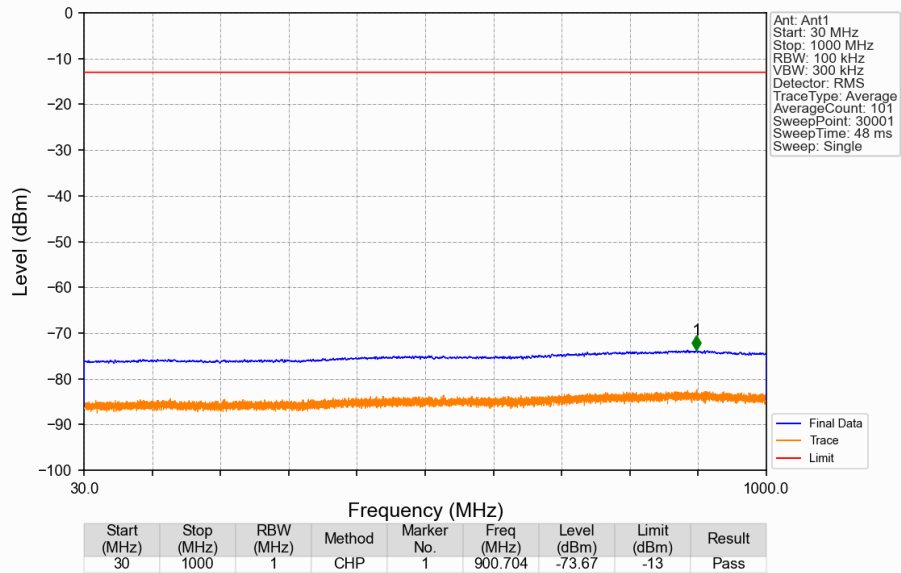
Bandn77a_3977.5MHz_AWGN_SISO_Ant1_NTNV



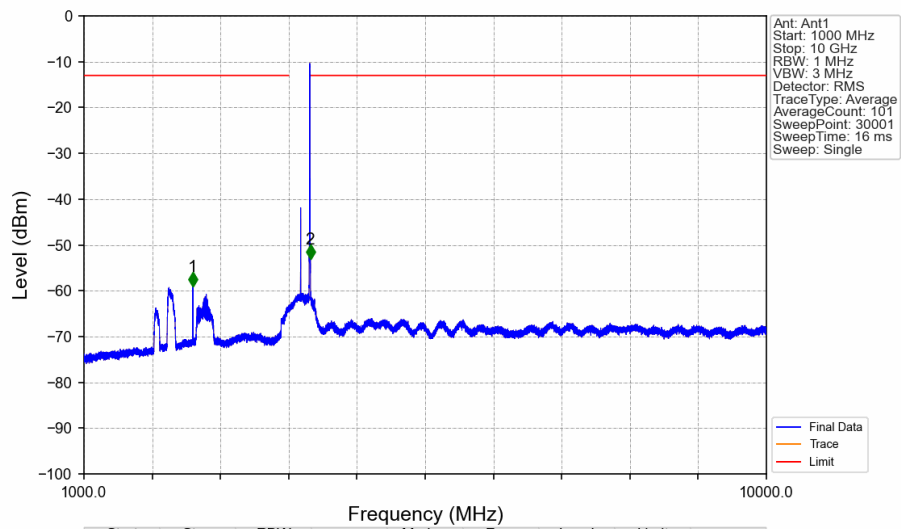
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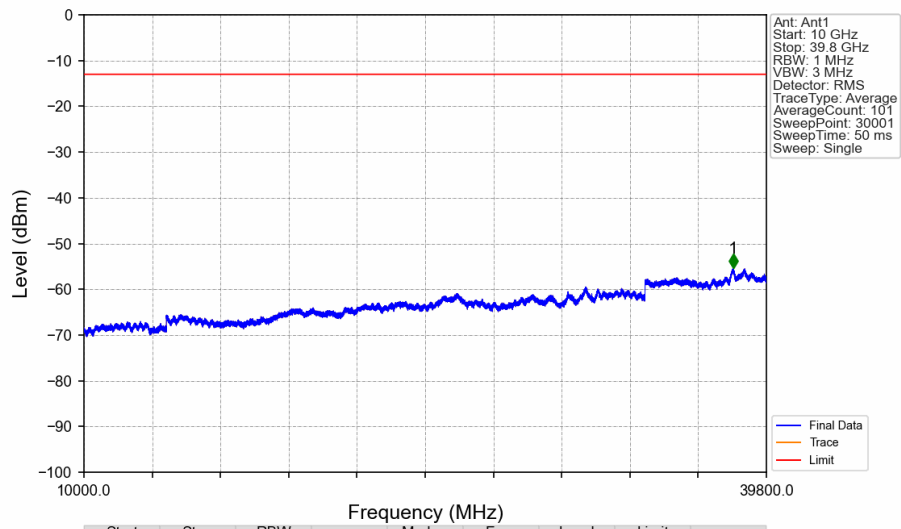
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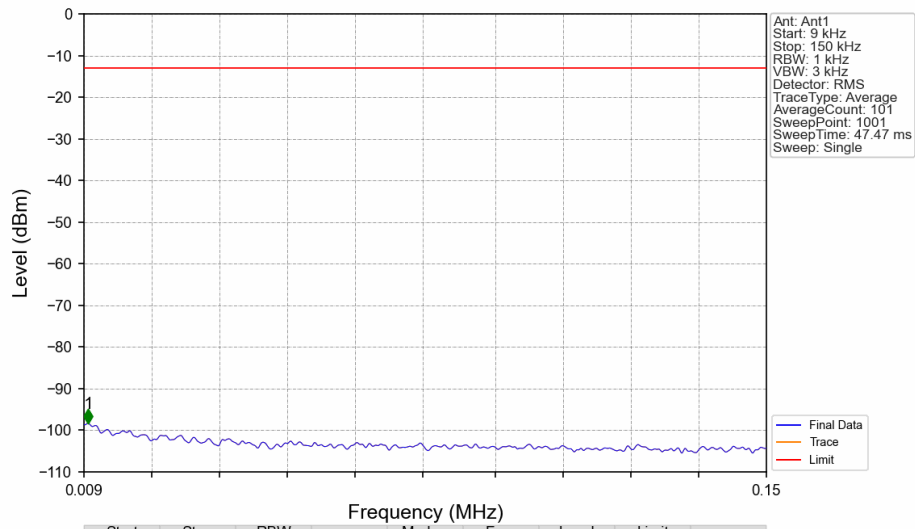
Bandn77a_3977.5MHz_AWGN_SISO_Ant1_NTNV



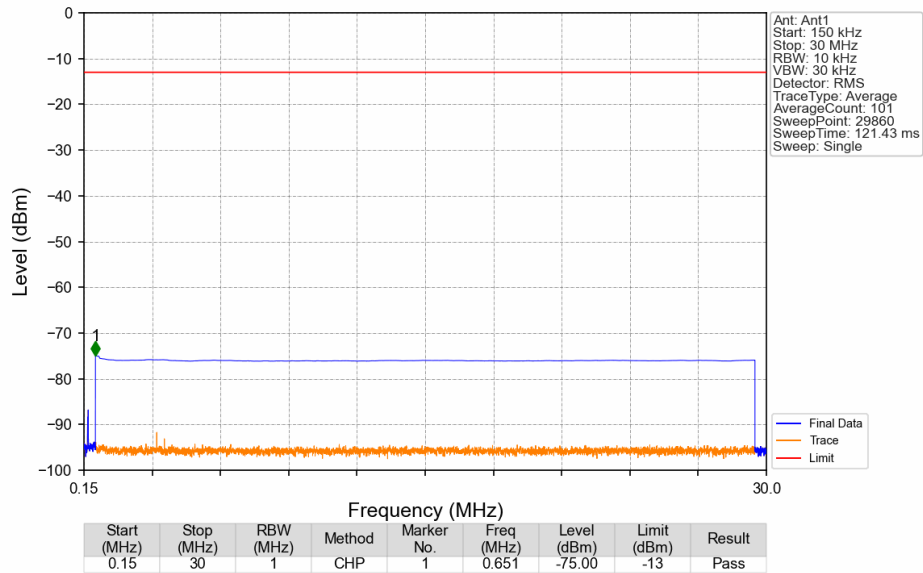
Bandn77a_3977.5MHz_AWGN_SISO_Ant1_NTNV



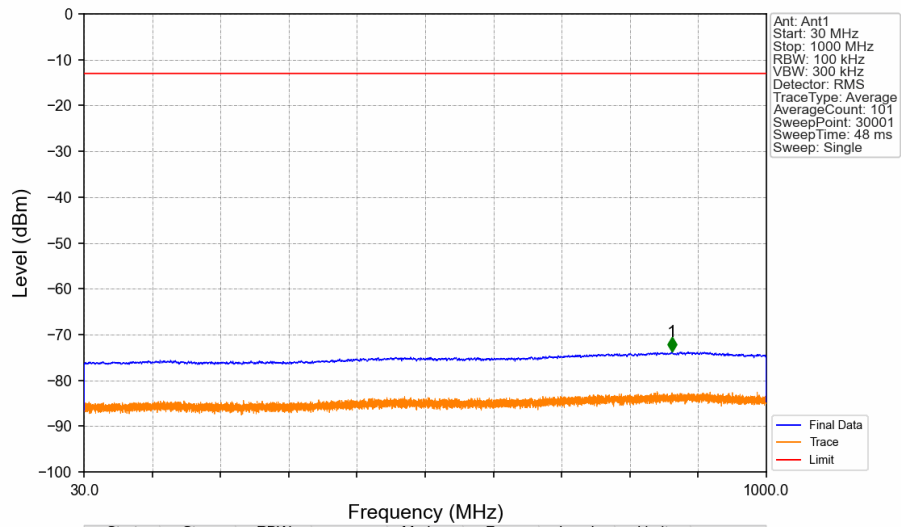
Bandn77a_3750MHz_Broad100MHz_SISO_Ant1_NTNV



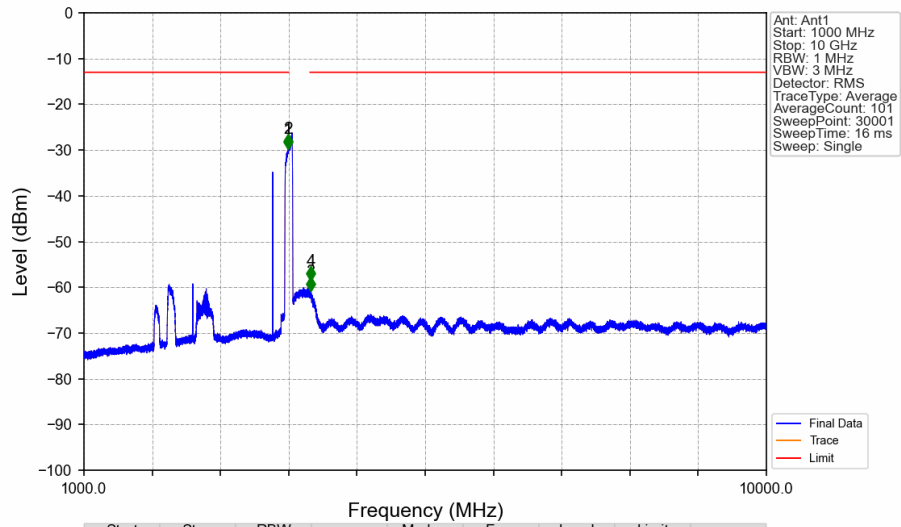
Bandn77a_3750MHz_Broad100MHz_SISO_Ant1_NTNV



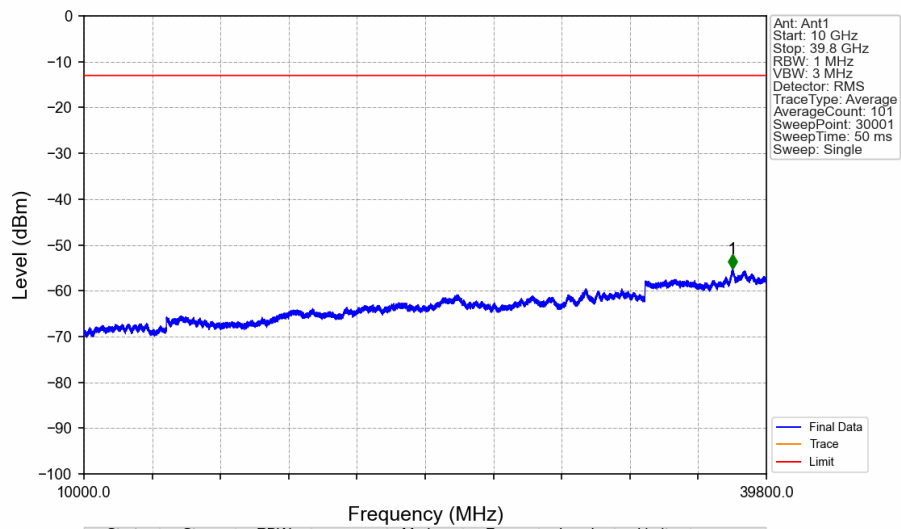
Bandn77a_3750MHz_Broad100MHz_SISO_Ant1_NTNV



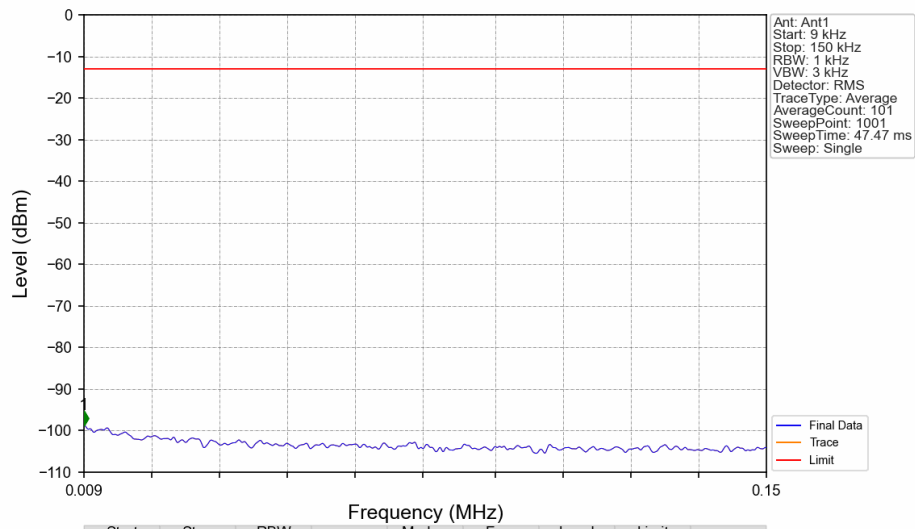
Bandn77a_3750MHz_Broad100MHz_SISO_Ant1_NTNV



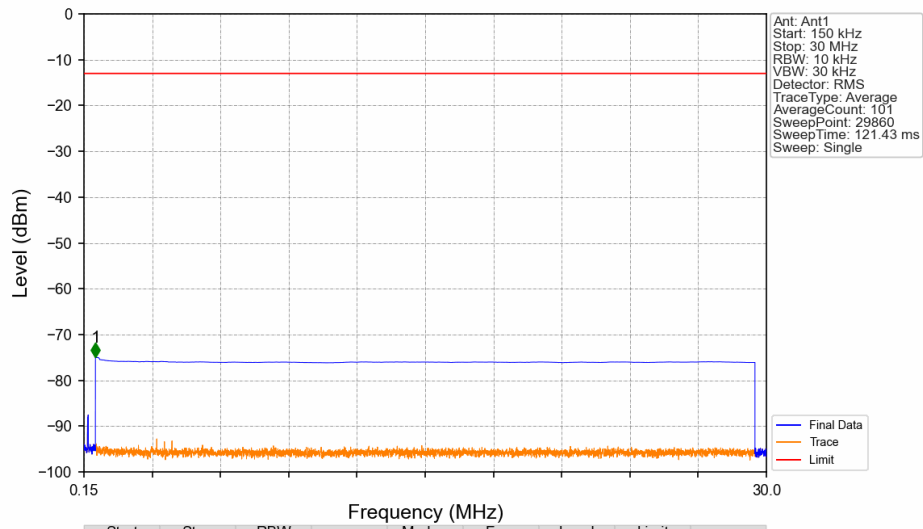
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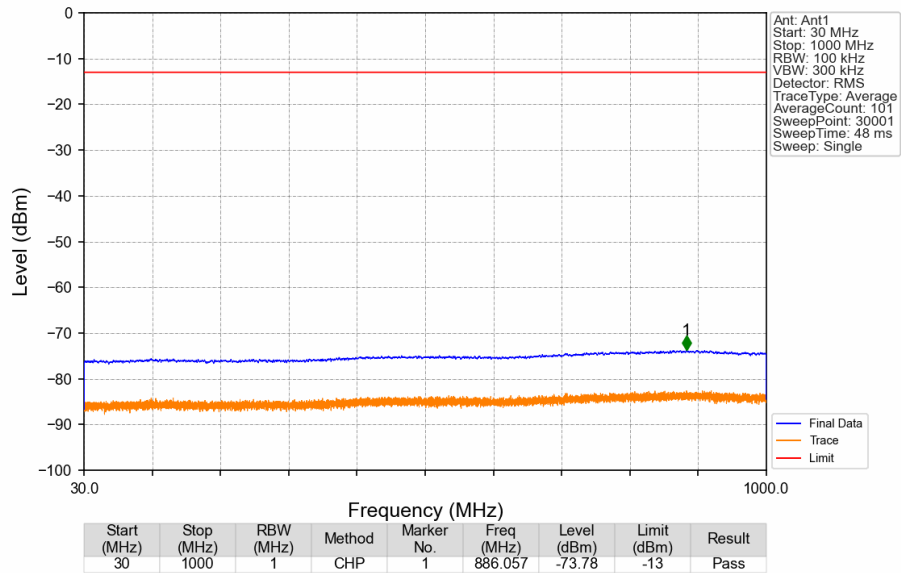
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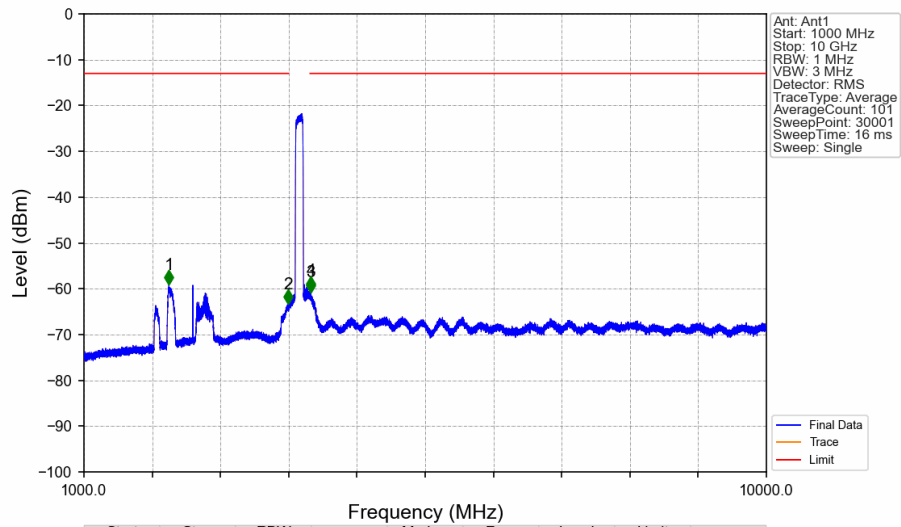
Bandn77a_3840MHz_Broad100MHz_SISO_Ant1_NTNV



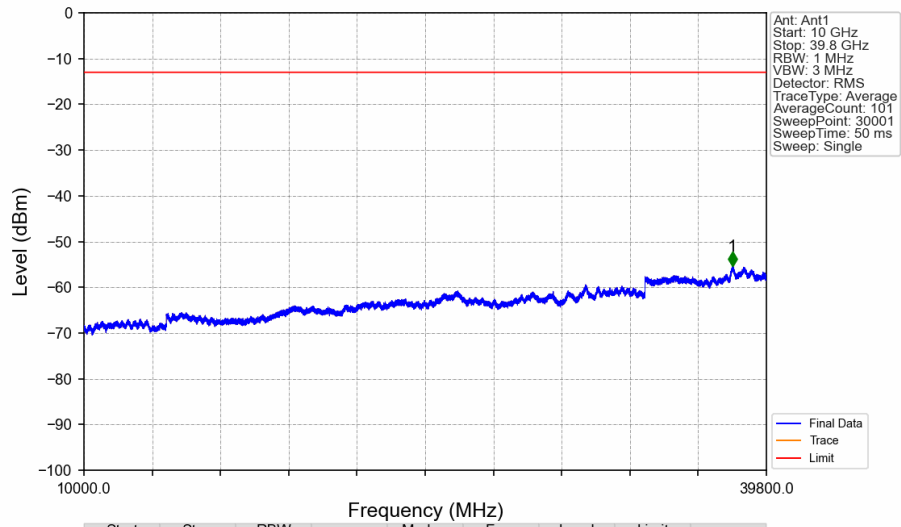
Bandn77a_3840MHz_Broad100MHz_SISO_Ant1_NTNV



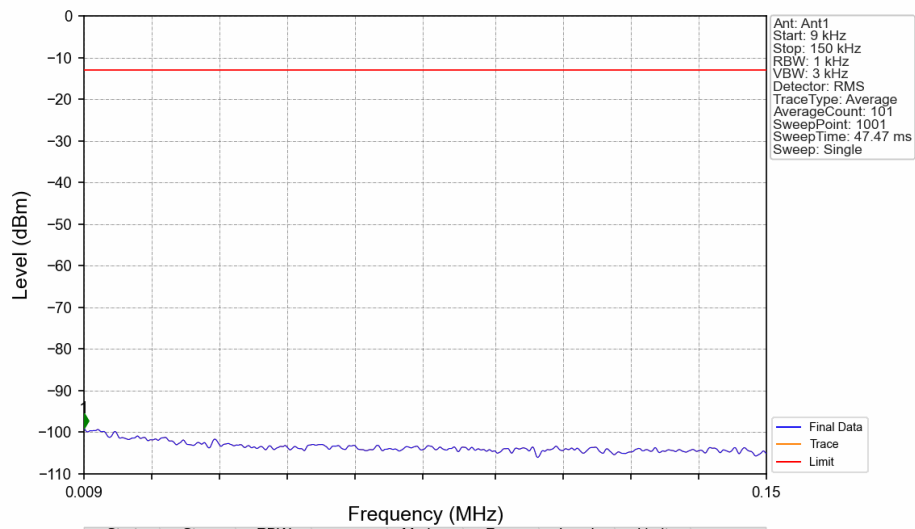
Bandn77a_3840MHz_Broad100MHz_SISO_Ant1_NTNV



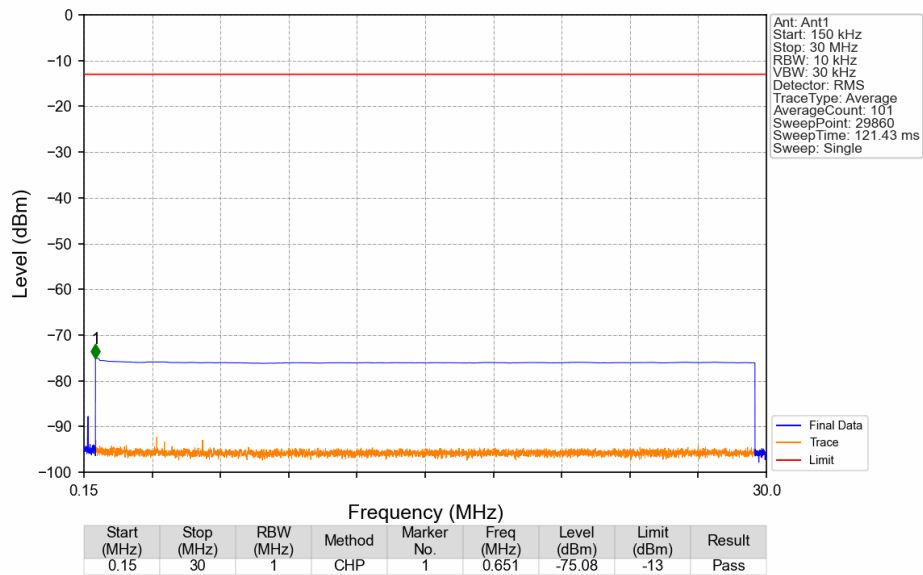
Bandn77a_3840MHz_Broad100MHz_SISO_Ant1_NTNV



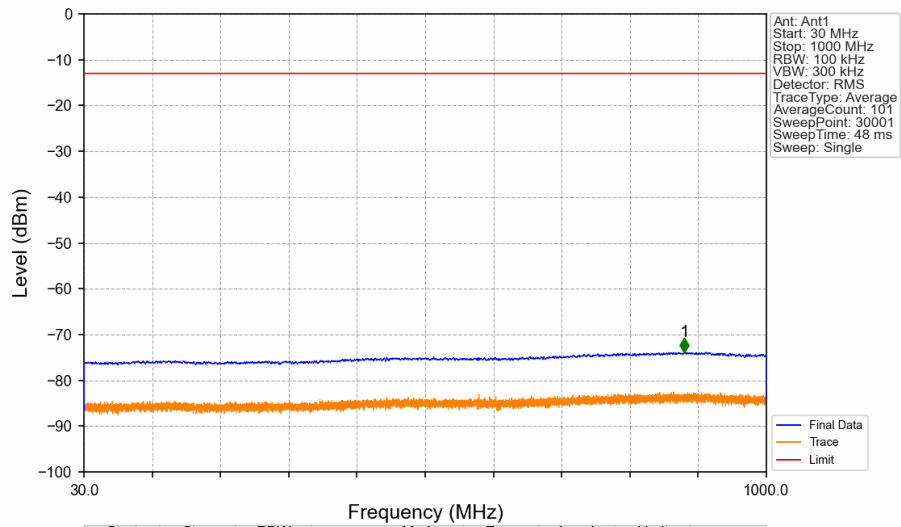
Bandn77a_3930MHz_Broad100MHz_SISO_Ant1_NTNV



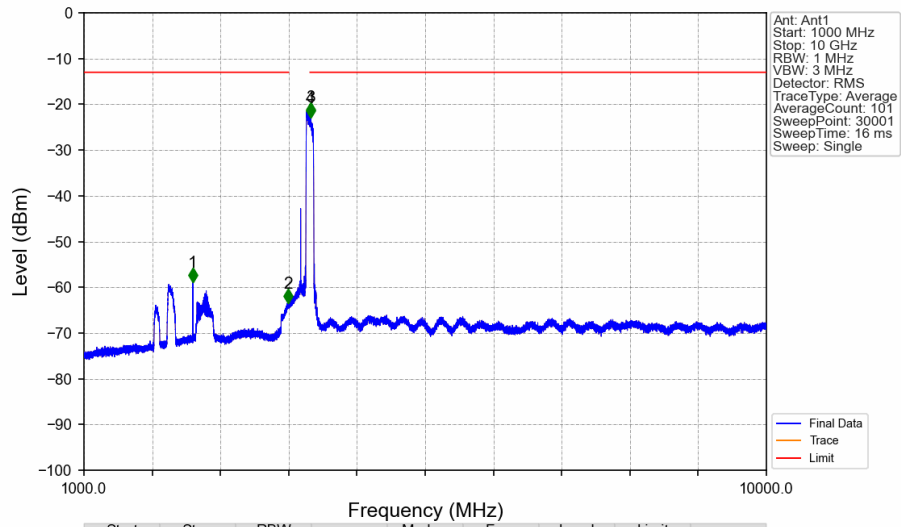
Bandn77a_3930MHz_Broad100MHz_SISO_Ant1_NTNV



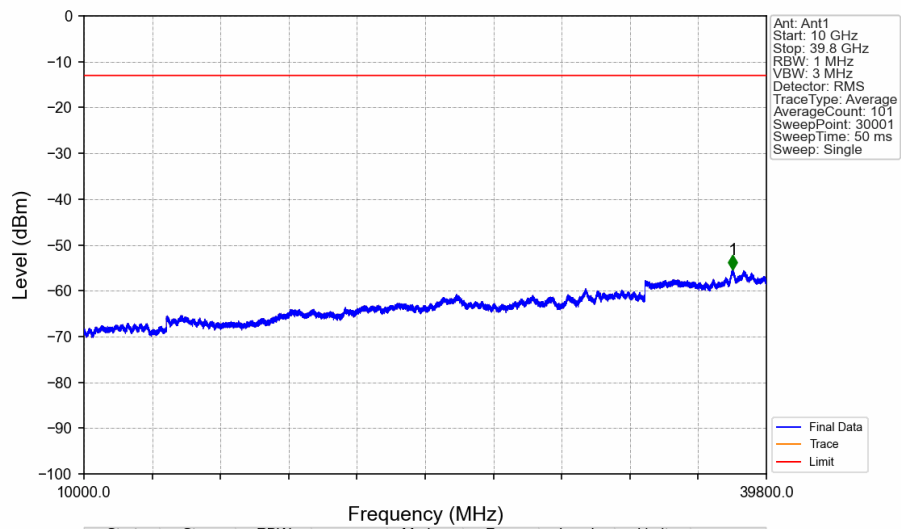
Bandn77a_3930MHz_Broad100MHz_SISO_Ant1_NTNV



Bandn77a_3930MHz_Broad100MHz_SISO_Ant1_NTNV



Bandn77a_3930MHz_Broad100MHz_SISO_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
10000	39800	1	/	1	38326.887	-55.36	-13	Pass

7. Frequency stability measurements

7.1 Bandn77a_Ant1

7.1.1 Test Result

Band: n77a / NTNV							
Signal			Temp (°C)	Voltage (VAC)	Freq. Error (Hz)	Tolerance (ppm)	Verdict
Type	Level (dBm)	Frequency (MHz)					
CW	-3.2	3700.1	20	102	-216	-0.058	Pass
				120	-220	-0.059	Pass
				138	-212	-0.057	Pass
			-20	120	-216	-0.058	Pass
			-10	120	-215	-0.058	Pass
			0	120	-218	-0.059	Pass
			10	120	-219	-0.059	Pass
			30	120	-216	-0.058	Pass
			40	120	-212	-0.057	Pass
			50	120	-210	-0.057	Pass
		3840	20	102	-215	-0.056	Pass
				120	-216	-0.056	Pass
				138	-218	-0.057	Pass
			-20	120	-210	-0.055	Pass
			-10	120	-220	-0.057	Pass
			0	120	-220	-0.057	Pass
			10	120	-218	-0.057	Pass
			30	120	-215	-0.056	Pass
			40	120	-217	-0.057	Pass
			50	120	-216	-0.056	Pass
		3979.9	20	102	-220	-0.055	Pass
				120	-213	-0.054	Pass
				138	-215	-0.054	Pass
			-20	120	-217	-0.055	Pass
			-10	120	-218	-0.055	Pass
			0	120	-213	-0.054	Pass
			10	120	-215	-0.054	Pass
			30	120	-217	-0.055	Pass
			40	120	-219	-0.055	Pass
			50	120	-221	-0.056	Pass

8. Radiated Spurious Emissions

8.1 Bandn77_Ant1

8.1.1 Test Result

AWGN_Low Channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
120.88	Horizontal	-63.77	-13	-50.77	Pass
256.41	Horizontal	-60.24	-13	-47.24	Pass
694.35	Horizontal	-58.91	-13	-45.91	Pass
2359.64	Horizontal	-50.72	-13	-37.72	Pass
8272.99	Horizontal	-44.73	-13	-31.73	Pass
17589.00	Horizontal	-37.21	-13	-24.21	Pass
90.26	Vertical	-63.46	-13	-50.46	Pass
239.40	Vertical	-58.13	-13	-45.13	Pass
671.60	Vertical	-58.67	-13	-45.67	Pass
2436.79	Vertical	-54.60	-13	-41.60	Pass
8171.41	Vertical	-49.28	-13	-36.28	Pass
17872.15	Vertical	-37.87	-13	-24.87	Pass

AWGN_Middle Channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
96.78	Horizontal	-60.37	-13	-47.37	Pass
255.39	Horizontal	-60.73	-13	-47.73	Pass
697.38	Horizontal	-56.52	-13	-43.52	Pass
2422.68	Horizontal	-47.72	-13	-34.72	Pass
8244.11	Horizontal	-45.26	-13	-32.26	Pass
17586.34	Horizontal	-31.28	-13	-18.28	Pass
118.60	Vertical	-60.50	-13	-47.50	Pass
226.91	Vertical	-61.70	-13	-48.70	Pass
630.30	Vertical	-58.81	-13	-45.81	Pass
2346.75	Vertical	-56.03	-13	-43.03	Pass
8257.21	Vertical	-48.78	-13	-35.78	Pass
17856.77	Vertical	-40.60	-13	-27.60	Pass

AWGN_High Channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
109.61	Horizontal	-60.42	-13	-47.42	Pass
229.09	Horizontal	-60.24	-13	-47.24	Pass
709.35	Horizontal	-60.04	-13	-47.04	Pass
2443.62	Horizontal	-54.69	-13	-41.69	Pass
8327.37	Horizontal	-47.40	-13	-34.4	Pass
17602.66	Horizontal	-36.14	-13	-23.14	Pass
115.35	Vertical	-63.30	-13	-50.30	Pass
218.27	Vertical	-59.03	-13	-46.03	Pass
676.41	Vertical	-60.04	-13	-47.04	Pass
2366.71	Vertical	-47.13	-13	-34.13	Pass
8396.33	Vertical	-48.55	-13	-35.55	Pass
17937.83	Vertical	-41.27	-13	-28.27	Pass

GMSK_Low Channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
93.88	Horizontal	-63.72	-13	-50.72	Pass
239.22	Horizontal	-57.93	-13	-44.93	Pass
694.94	Horizontal	-56.77	-13	-43.77	Pass
2322.72	Horizontal	-53.76	-13	-40.76	Pass
8346.71	Horizontal	-47.60	-13	-34.60	Pass
17038.34	Horizontal	-30.78	-13	-17.78	Pass
115.70	Vertical	-62.91	-13	-49.91	Pass
229.60	Vertical	-59.32	-13	-46.32	Pass
676.25	Vertical	-56.21	-13	-43.21	Pass
2527.13	Vertical	-48.00	-13	-35.00	Pass
8298.91	Vertical	-40.62	-13	-27.62	Pass
16937.35	Vertical	-39.40	-13	-26.40	Pass

GMSK_Middle Channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
110.06	Horizontal	-59.95	-13	-46.95	Pass
272.64	Horizontal	-58.54	-13	-45.54	Pass
731.32	Horizontal	-58.68	-13	-45.68	Pass
2345.86	Horizontal	-53.46	-13	-40.46	Pass
8292.47	Horizontal	-47.36	-13	-34.36	Pass
16991.96	Horizontal	-33.68	-13	-20.68	Pass
96.40	Vertical	-63.24	-13	-50.24	Pass
249.29	Vertical	-58.69	-13	-45.69	Pass
641.91	Vertical	-58.04	-13	-45.04	Pass
2506.87	Vertical	-50.47	-13	-37.47	Pass
8209.19	Vertical	-44.05	-13	-31.05	Pass
16949.31	Vertical	-38.80	-13	-25.80	Pass

GMSK_High Channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
103.08	Horizontal	-63.55	-13	-50.55	Pass
234.27	Horizontal	-60.92	-13	-47.92	Pass
689.19	Horizontal	-57.02	-13	-44.02	Pass
2371.20	Horizontal	-49.92	-13	-36.92	Pass
8278.27	Horizontal	-46.20	-13	-33.20	Pass
17026.74	Horizontal	-38.78	-13	-25.78	Pass
96.84	Vertical	-61.81	-13	-48.81	Pass
219.58	Vertical	-58.69	-13	-45.69	Pass
652.22	Vertical	-58.85	-13	-45.85	Pass
2513.09	Vertical	-54.67	-13	-41.67	Pass
8387.03	Vertical	-48.25	-13	-35.25	Pass
16996.27	Vertical	-39.34	-13	-26.34	Pass

For 100MHz BW

AWGN_Low Channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
98.18	Horizontal	-59.69	-13	-46.69	Pass
236.60	Horizontal	-58.29	-13	-45.29	Pass
703.29	Horizontal	-56.97	-13	-43.97	Pass
2538.72	Horizontal	-47.36	-13	-34.36	Pass
8554.01	Horizontal	-44.73	-13	-31.73	Pass
17250.58	Horizontal	-34.01	-13	-21.01	Pass
88.08	Vertical	-62.97	-13	-49.97	Pass
212.34	Vertical	-61.69	-13	-48.69	Pass
630.02	Vertical	-59.37	-13	-46.37	Pass
2324.61	Vertical	-54.00	-13	-41.00	Pass
8494.55	Vertical	-46.92	-13	-33.92	Pass
17100.39	Vertical	-41.04	-13	-28.04	Pass

AWGN_Middle Channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
100.48	Horizontal	-61.72	-13	-48.72	
247.65	Horizontal	-59.63	-13	-46.63	
696.38	Horizontal	-59.94	-13	-46.94	
2536.00	Horizontal	-53.66	-13	-40.66	
8490.89	Horizontal	-47.60	-13	-34.60	
17274.54	Horizontal	-39.34	-13	-26.34	
80.07	Vertical	-60.71	-13	-47.71	
217.83	Vertical	-58.02	-13	-45.02	
635.24	Vertical	-59.38	-13	-46.38	
2351.47	Vertical	-49.47	-13	-36.47	
8458.75	Vertical	-45.28	-13	-32.28	
17156.07	Vertical	-41.14	-13	-28.14	

AWGN_High Channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
109.71	Horizontal	-63.59	-13	-50.59	Pass
257.92	Horizontal	-60.57	-13	-47.57	Pass
683.88	Horizontal	-56.04	-13	-43.04	Pass
2533.64	Horizontal	-50.06	-13	-37.06	Pass
8491.07	Horizontal	-42.23	-13	-29.23	Pass
17299.34	Horizontal	-33.51	-13	-20.51	Pass
95.26	Vertical	-59.66	-13	-46.66	Pass
257.37	Vertical	-61.60	-13	-48.60	Pass
657.88	Vertical	-59.20	-13	-46.20	Pass
2351.27	Vertical	-49.60	-13	-36.60	Pass
8476.95	Vertical	-49.45	-13	-36.45	Pass
17134.55	Vertical	-36.47	-13	-23.47	Pass