

1. Out of band rejection

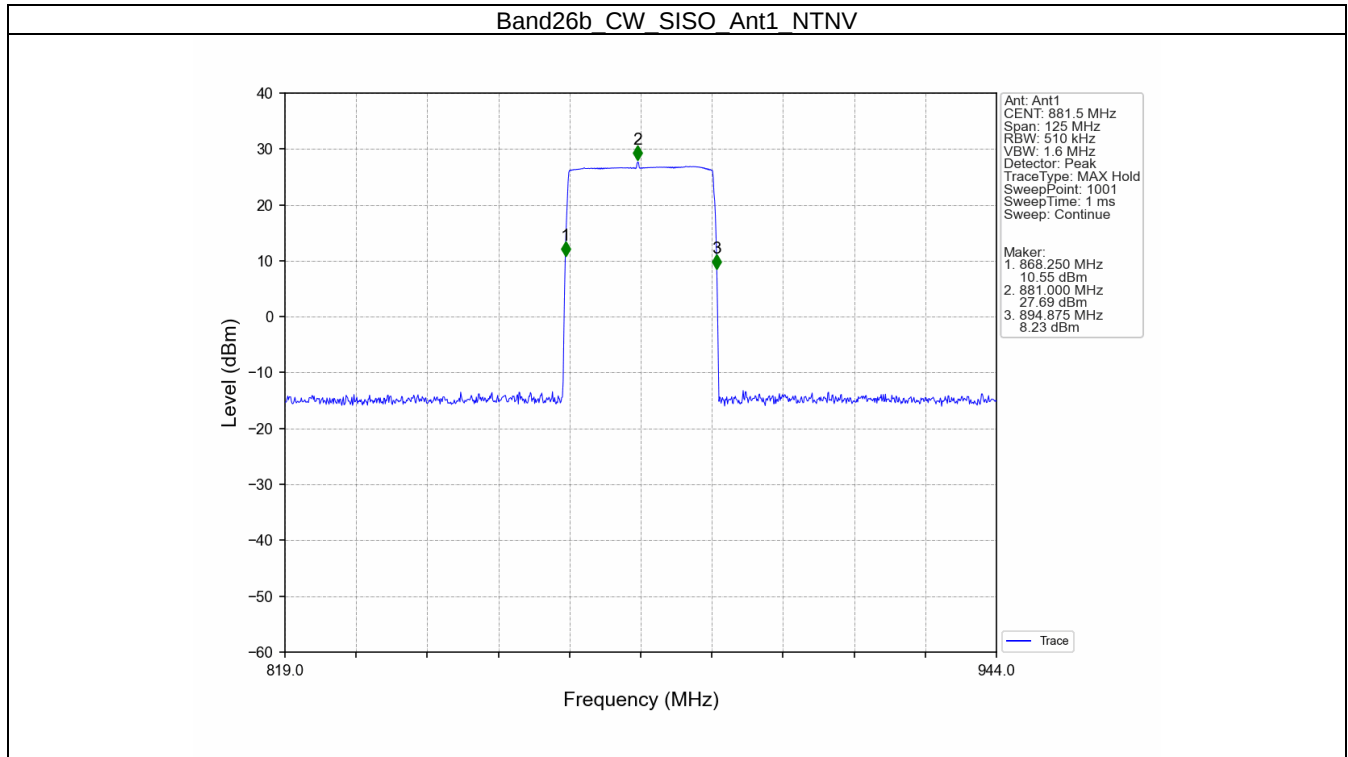
1.1 Test Result

1.1.1 Band26b

Band: 26b / NTNV							
Signal	Sweep Frequency Range (MHz)	TX Type	ANT	F0 (MHz)	FL (MHz)	FH (MHz)	Verdict
CW	819 - 944	SISO	1	881.000	868.250	894.875	Pass

1.2 Test Graph

1.2.1 Band26b



2. AGC threshold

2.1 Test Result

2.1.1 Band26b

Band: 26b / NTNV					
Signal	Frequency (MHz)	TX Type	ANT	AGC Threshold (dBm)	Verdict
GMSK 0.2MHz	881	SISO	1	-0.30	Pass
AWGN 5MHz	881	SISO	1	-0.30	Pass
AWGN 100MHz	881	SISO	1	-0.30	Pass

3. Input-versus-output signal comparison

3.1 Test Result

3.1.1 Band26b_OBW

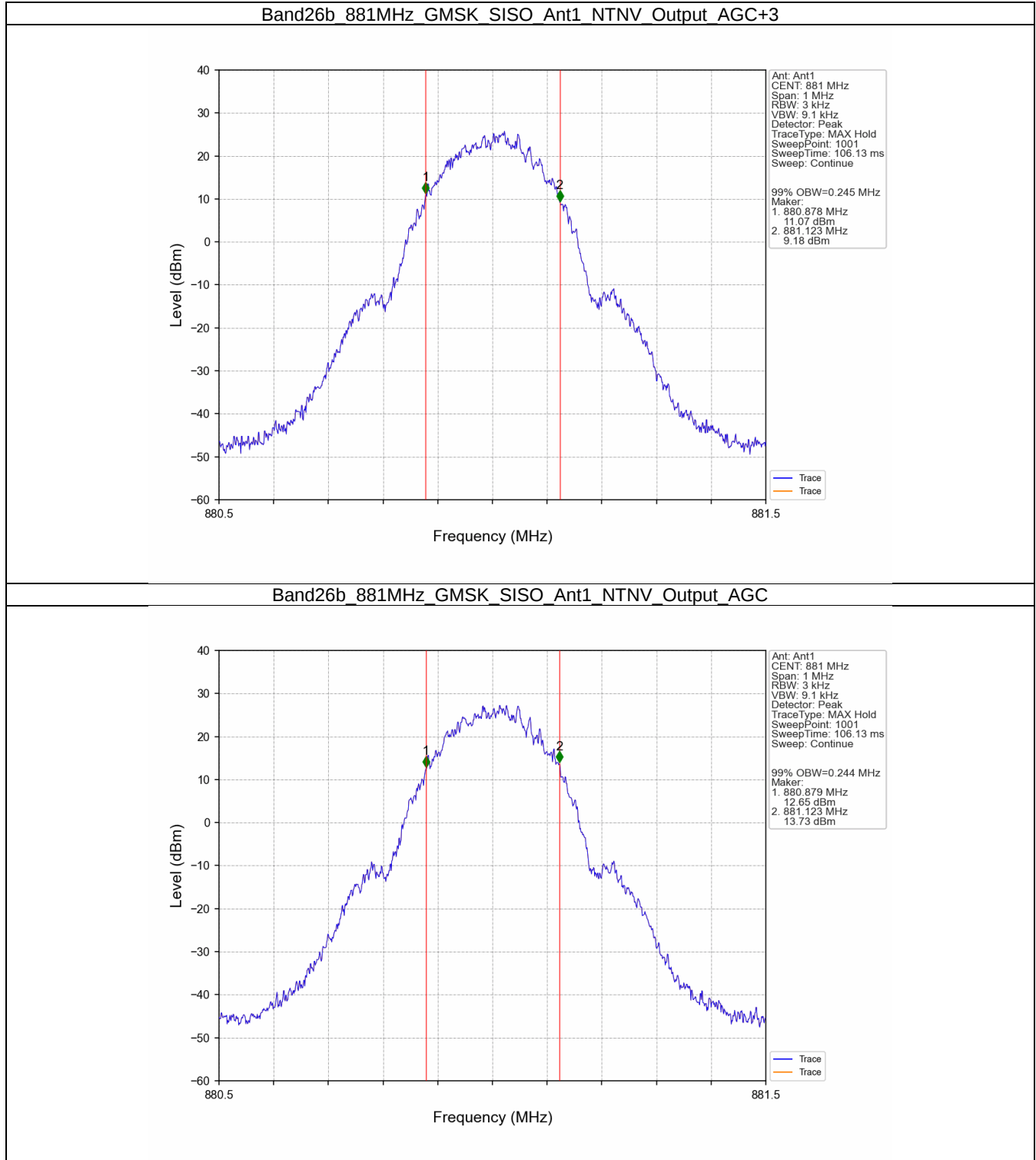
Band: 26b / NTNV							
Signal			TX Type	ANT	99% OBW (MHz)		Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	
GMSK	2.7	881	SISO	1	0.245	0.244	Pass
0.2MHz	-0.3	881	SISO	1	0.244	0.245	Pass
AWGN	2.7	881	SISO	1	4.550	4.540	Pass
5MHz	-0.3	881	SISO	1	4.563	4.541	Pass
AWGN	2.7	881	SISO	1	25.612	97.270	Pass
100MHz	-0.3	881	SISO	1	25.614	97.329	Pass

3.1.2 Band26b_EBW

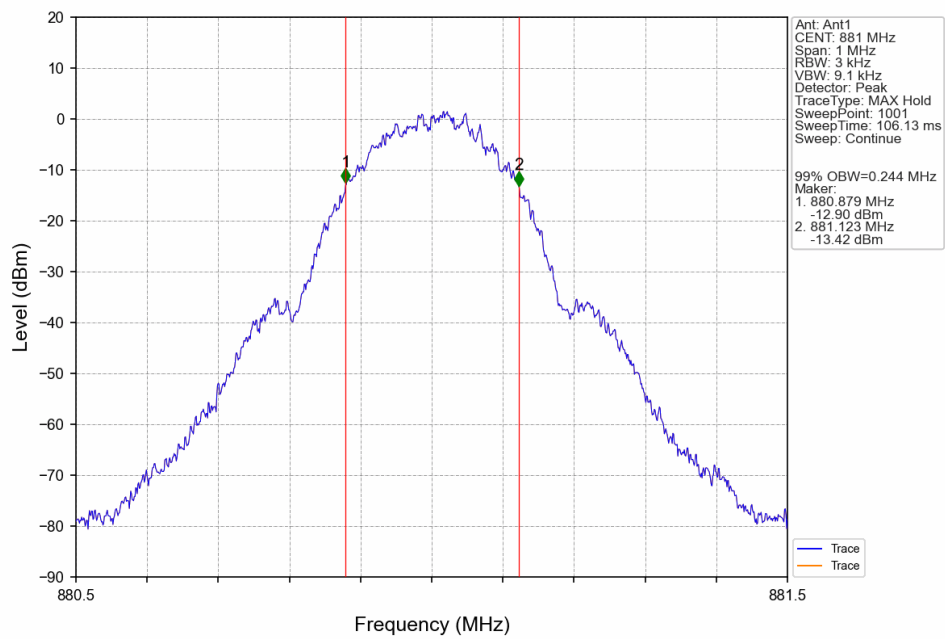
Band: 26b / NTNV							
Signal			TX Type	ANT	26dB EBW (MHz)		Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	
GMSK	2.7	881	SISO	1	0.314	0.315	Pass
0.2MHz	-0.3	881	SISO	1	0.313	0.313	Pass
AWGN	2.7	881	SISO	1	5.155	5.134	Pass
5MHz	-0.3	881	SISO	1	5.140	5.143	Pass
AWGN	2.7	881	SISO	1	27.814	100.736	Pass
100MHz	-0.3	881	SISO	1	27.831	100.714	Pass

3.2 Test Graph

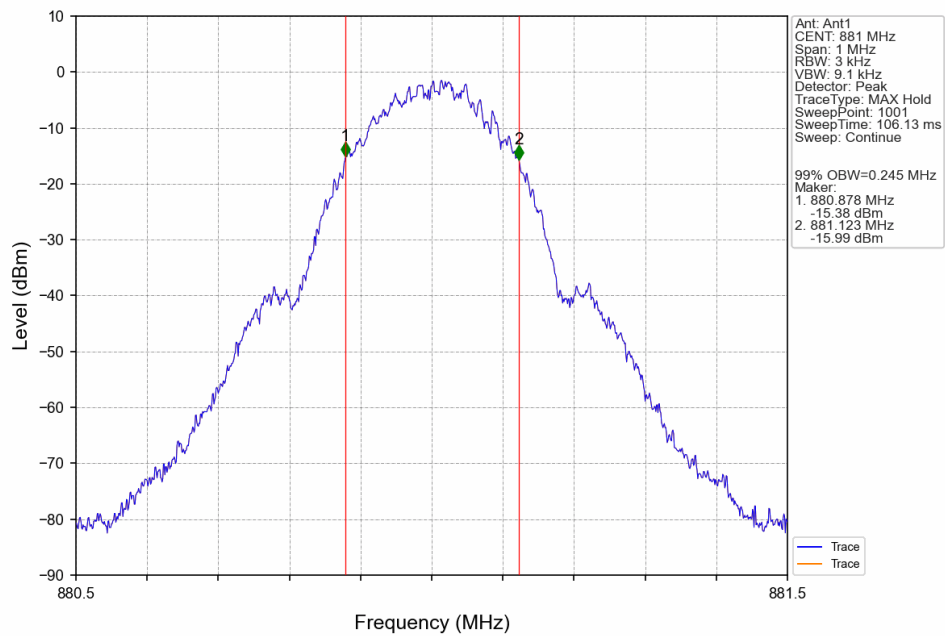
3.2.1 Band26b_OBW



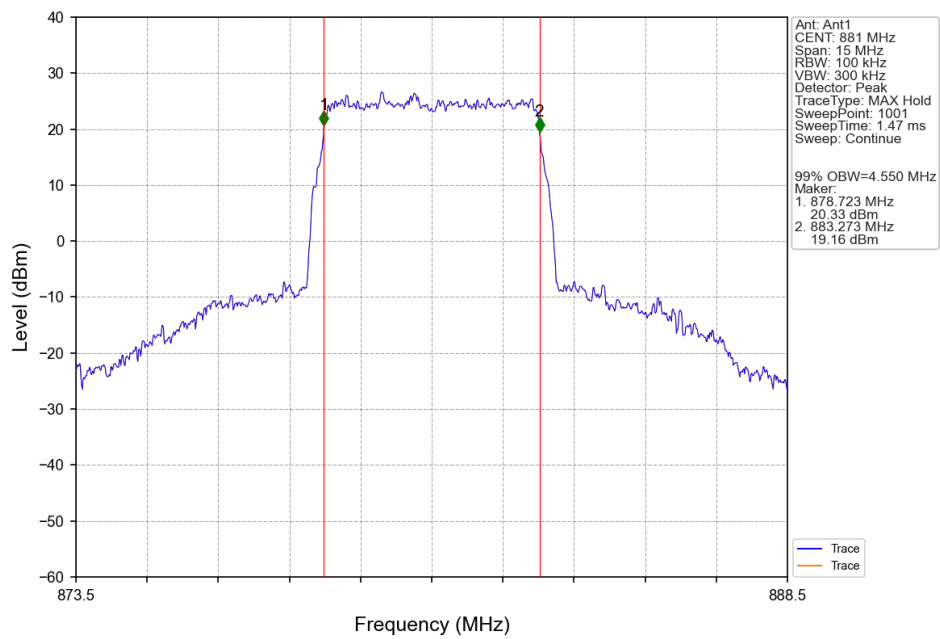
Band26b_881MHz_GMSK_SISO_Ant1_NTNV_Input_AGC+3



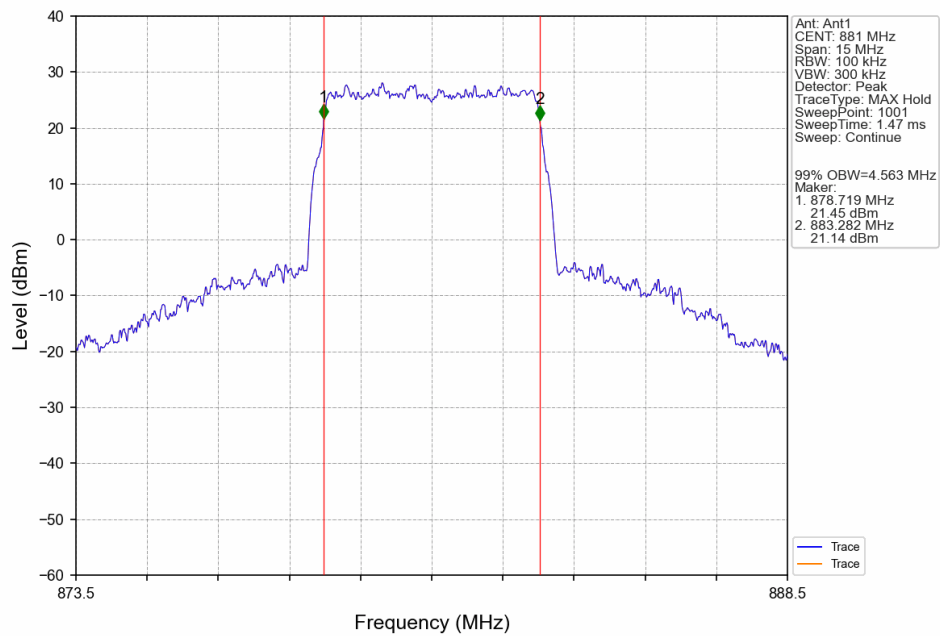
Band26b_881MHz_GMSK_SISO_Ant1_NTNV_Input_AGC



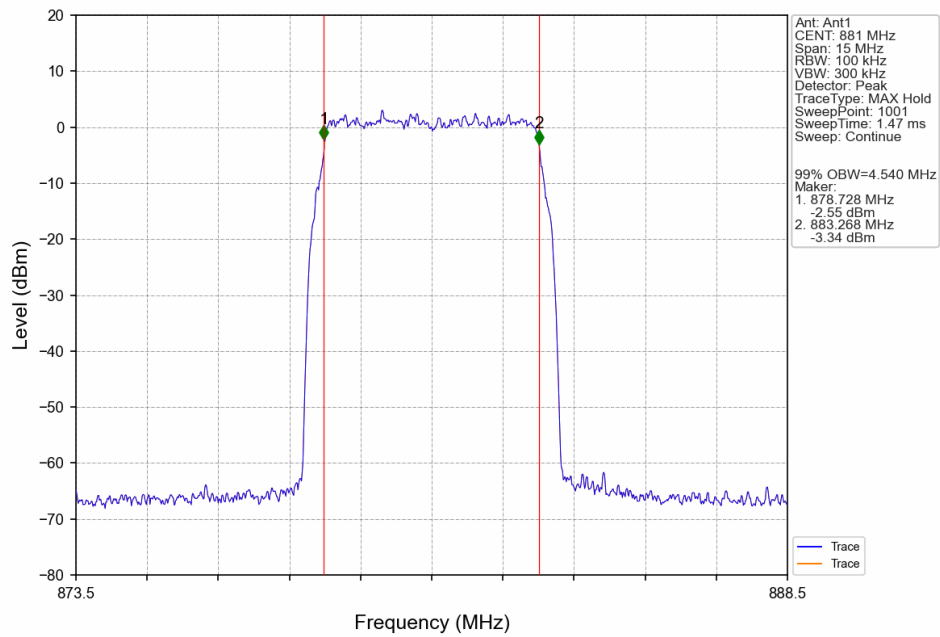
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_Output_AGC+3



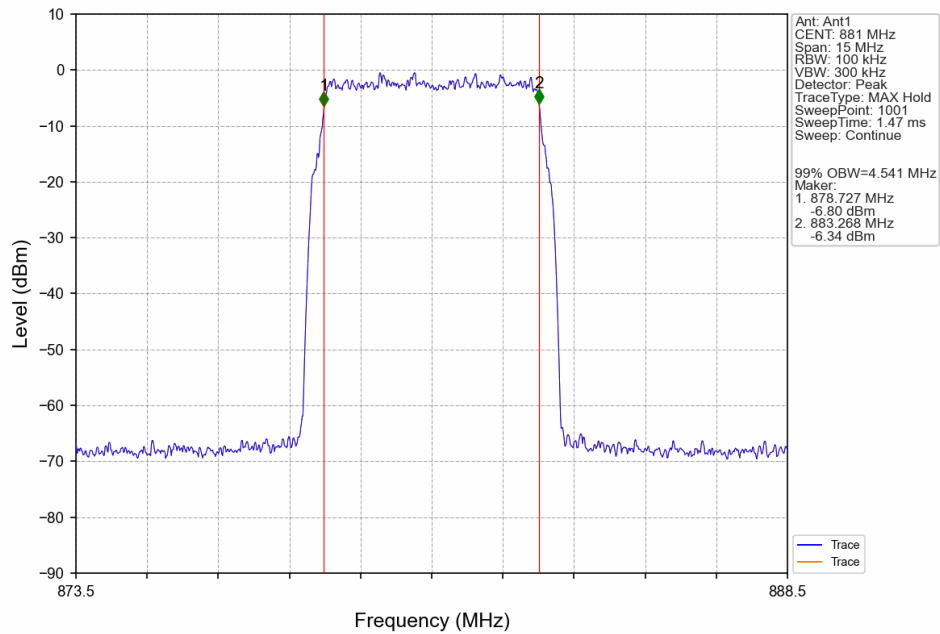
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_Output_AGC



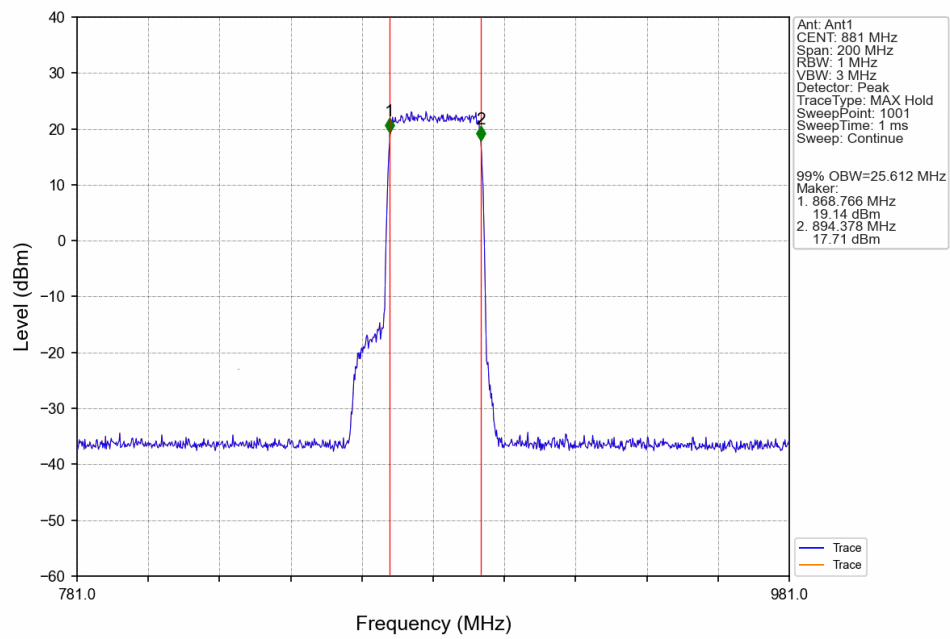
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_Input_AGC+3



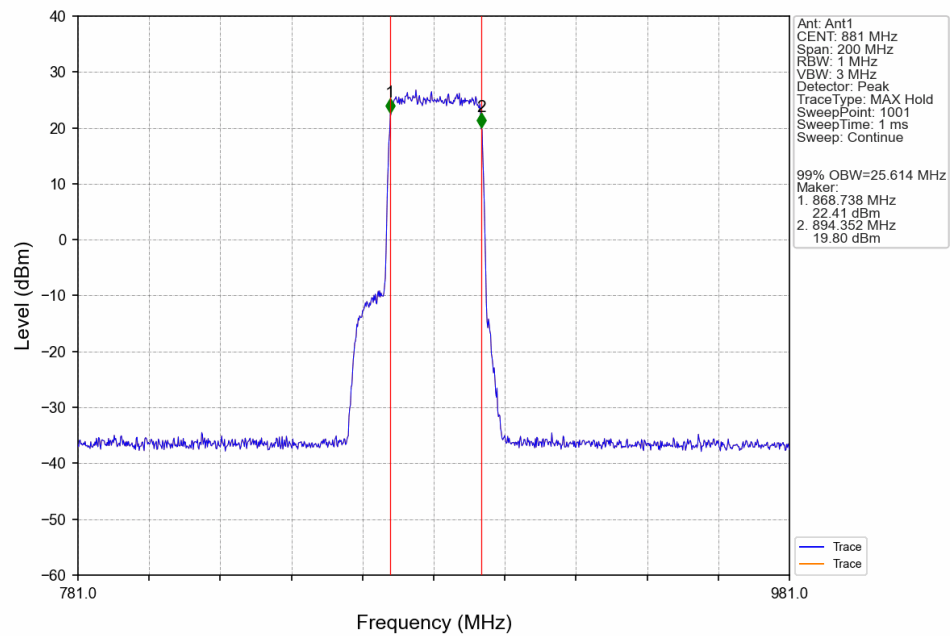
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_Input_AGC



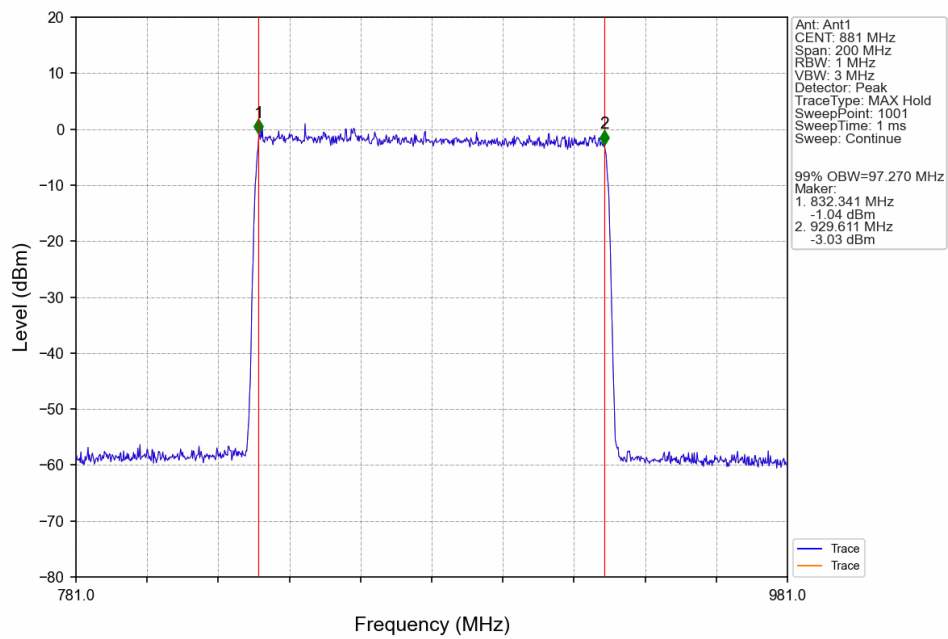
Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_Output_AGC+3



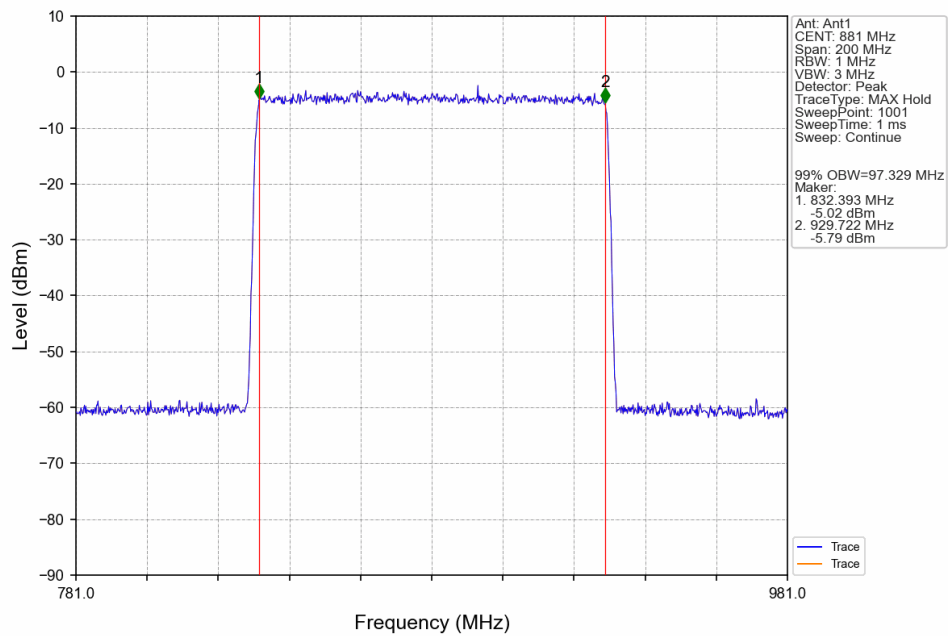
Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_Output_AGC



Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_Input_AGC+3

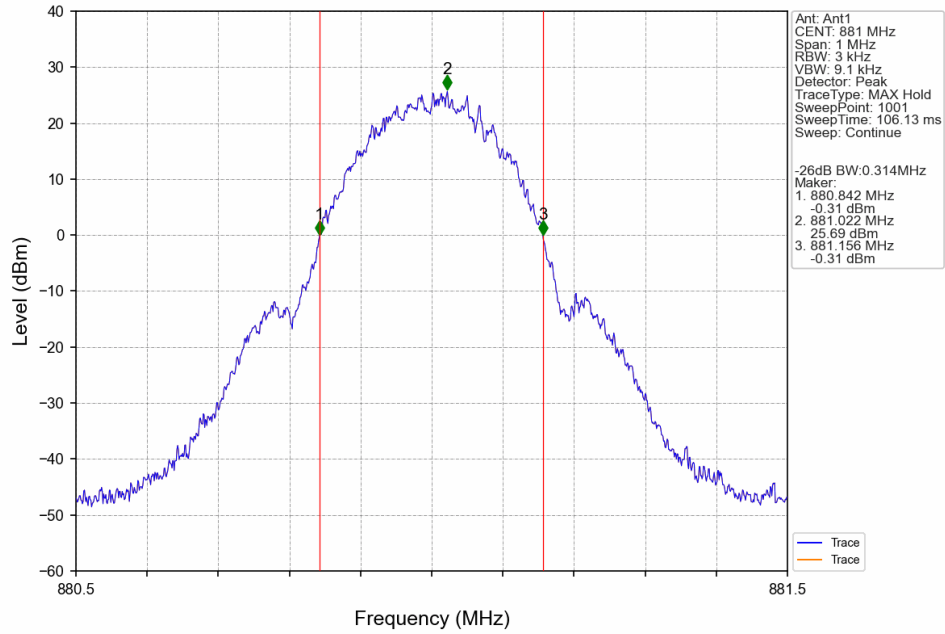


Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_Input_AGC

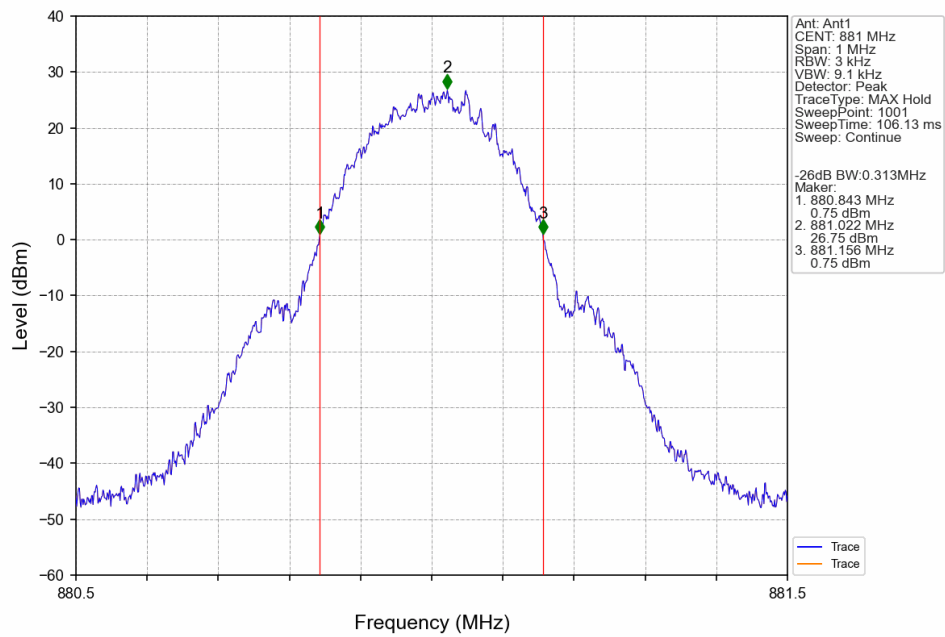


3.2.2 Band26b_EBW

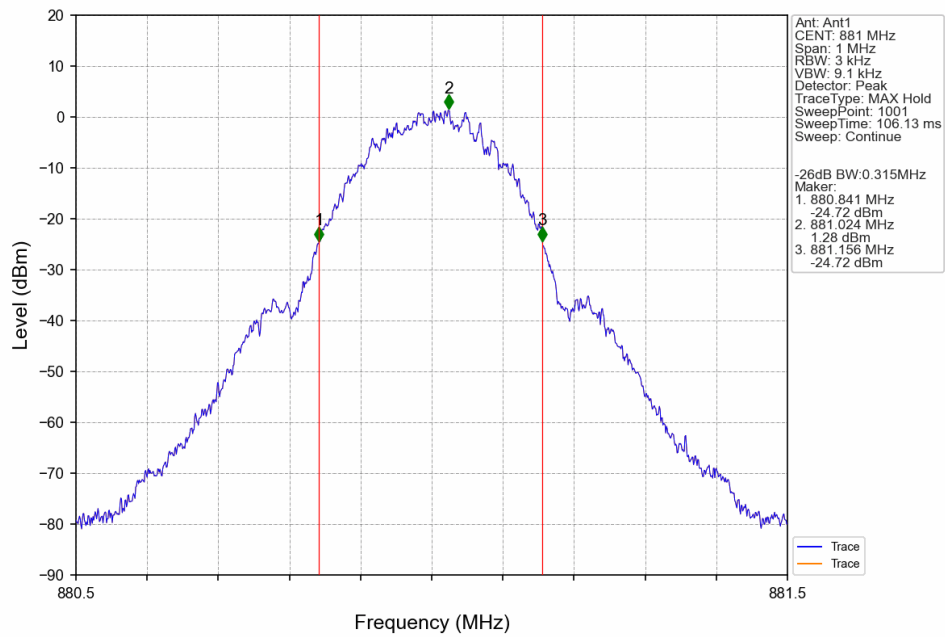
Band26b_881MHz_GMSK_SISO_Ant1_NTNV_Output_AGC+3



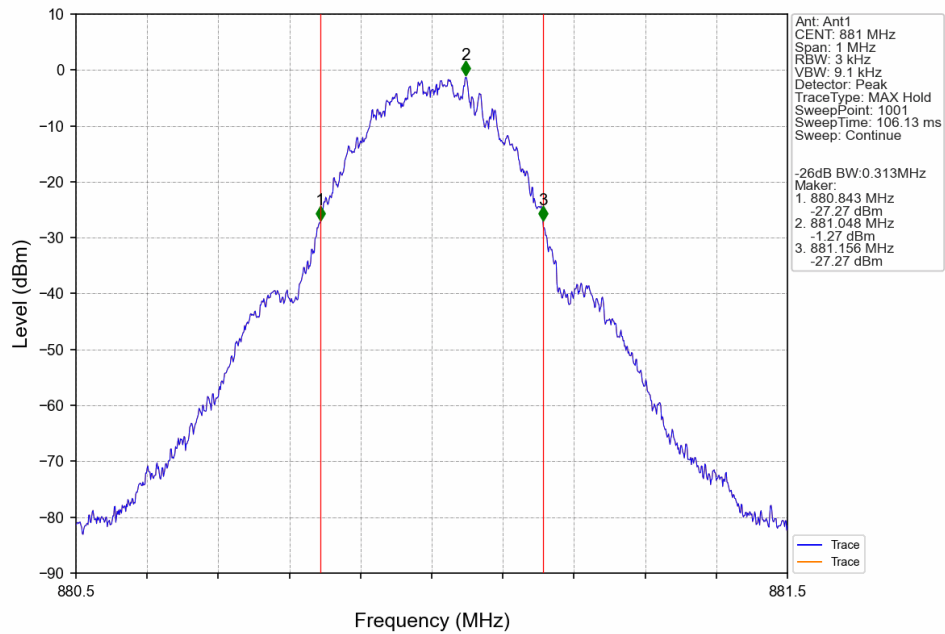
Band26b_881MHz_GMSK_SISO_Ant1_NTNV_Output_AGC



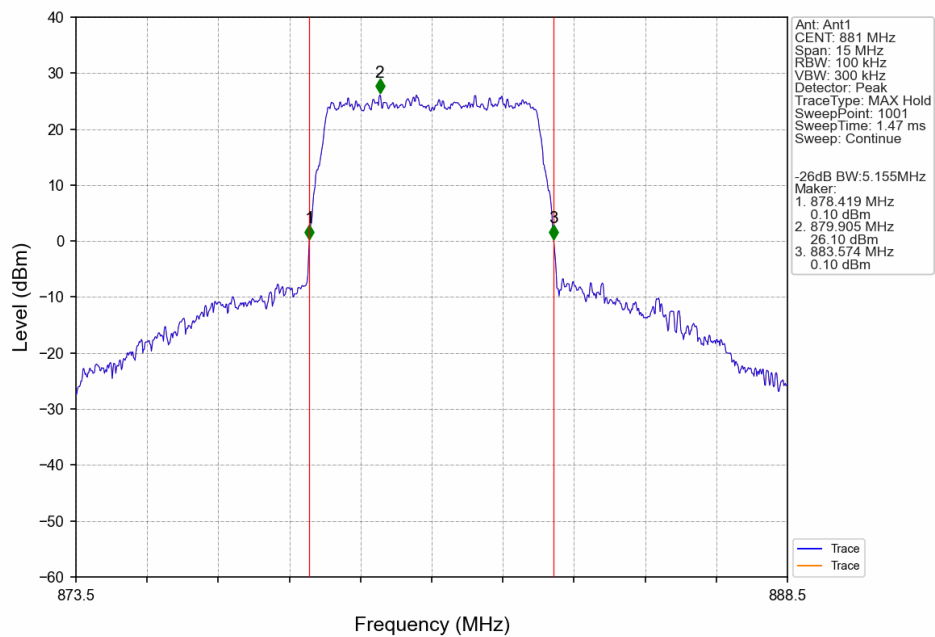
Band26b_881MHz_GMSK_SISO_Ant1_NTNV_Input_AGC+3



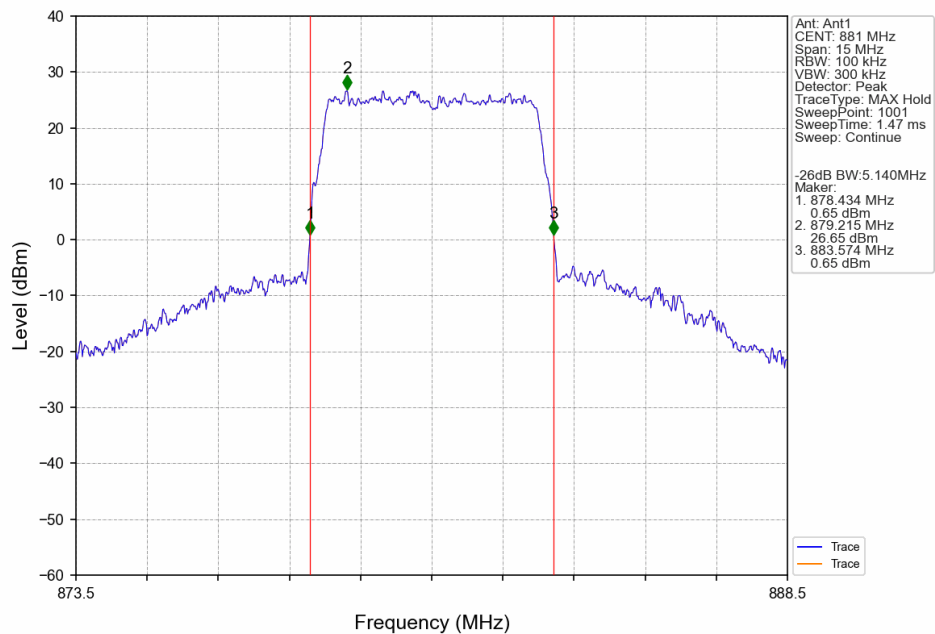
Band26b_881MHz_GMSK_SISO_Ant1_NTNV_Input_AGC



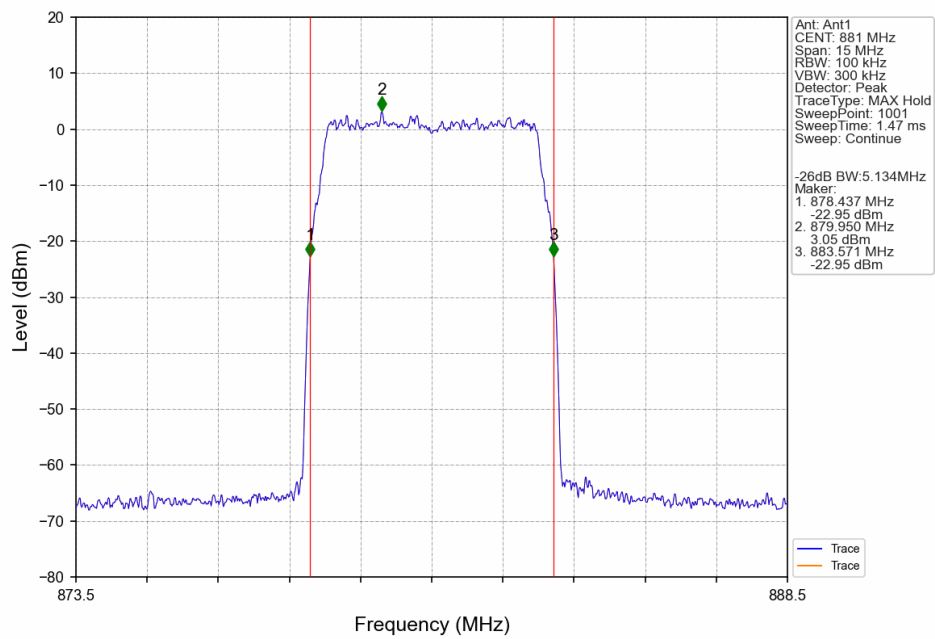
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_Output_AGC+3



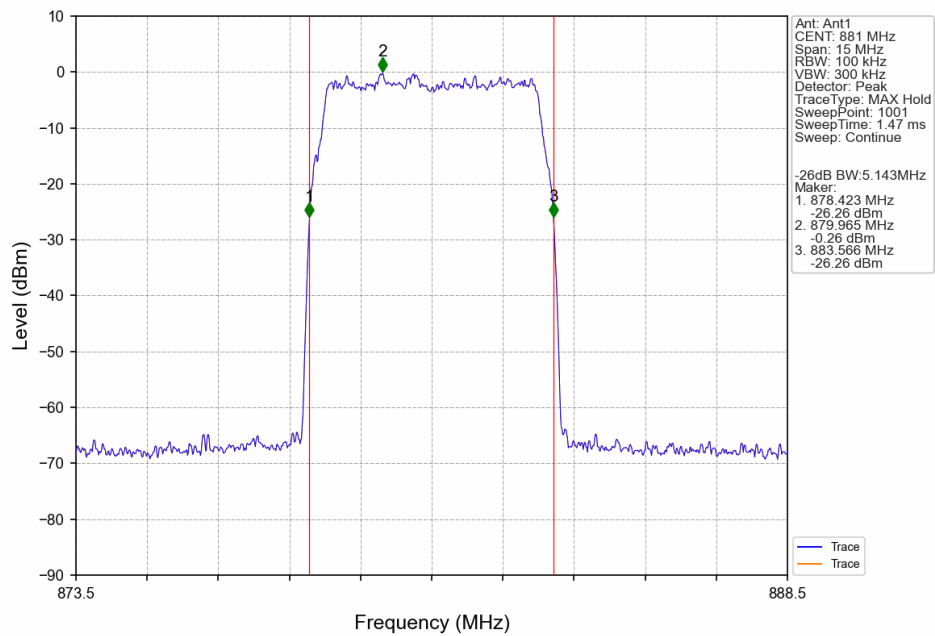
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_Output_AGC



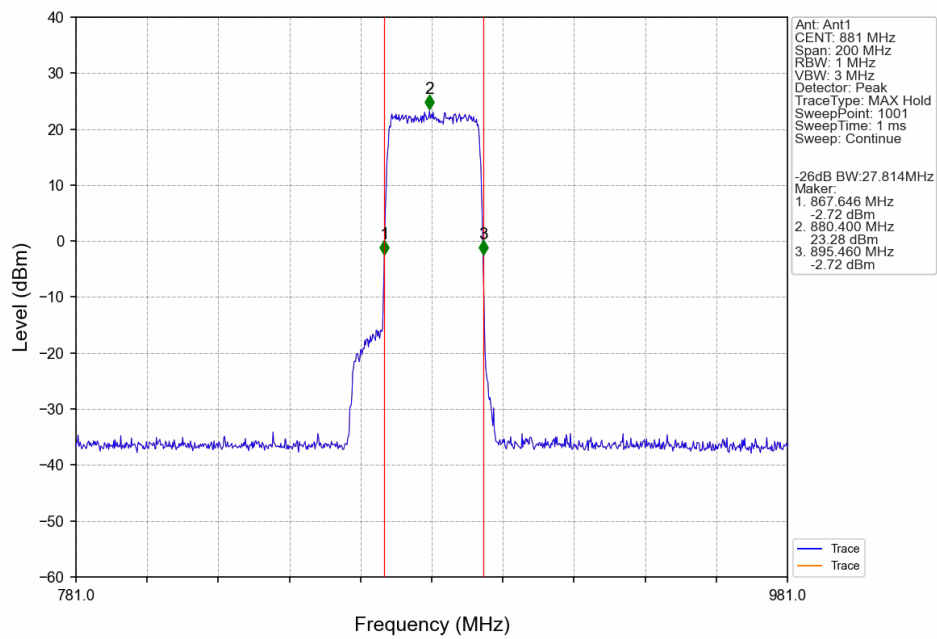
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_Input_AGC+3



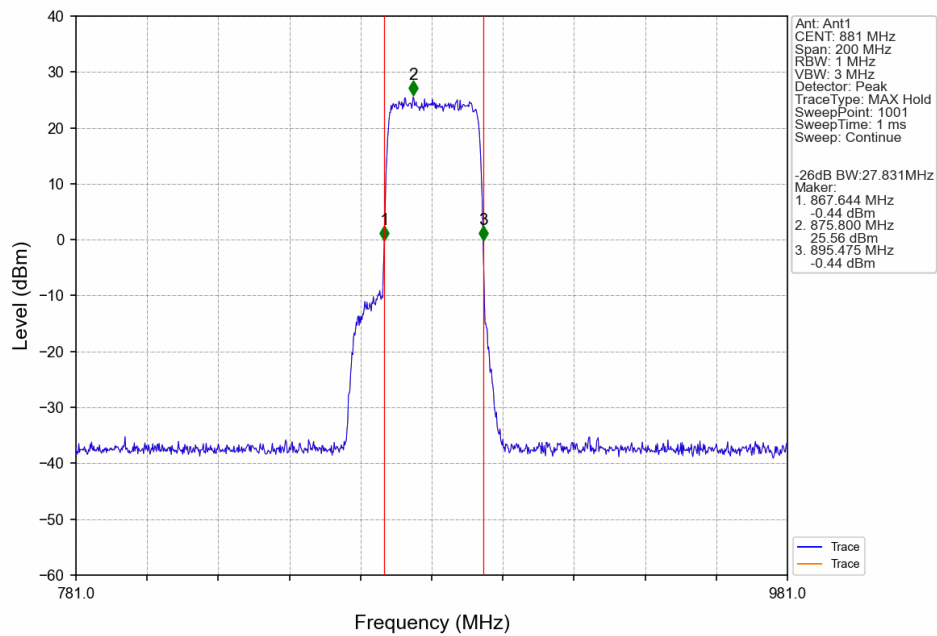
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_Input_AGC



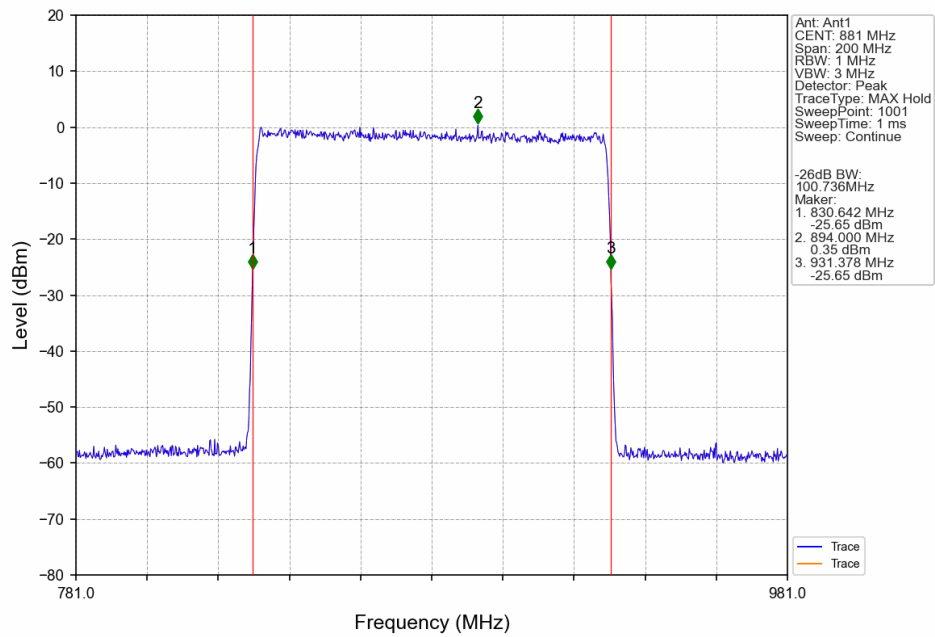
Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_Output_AGC+3



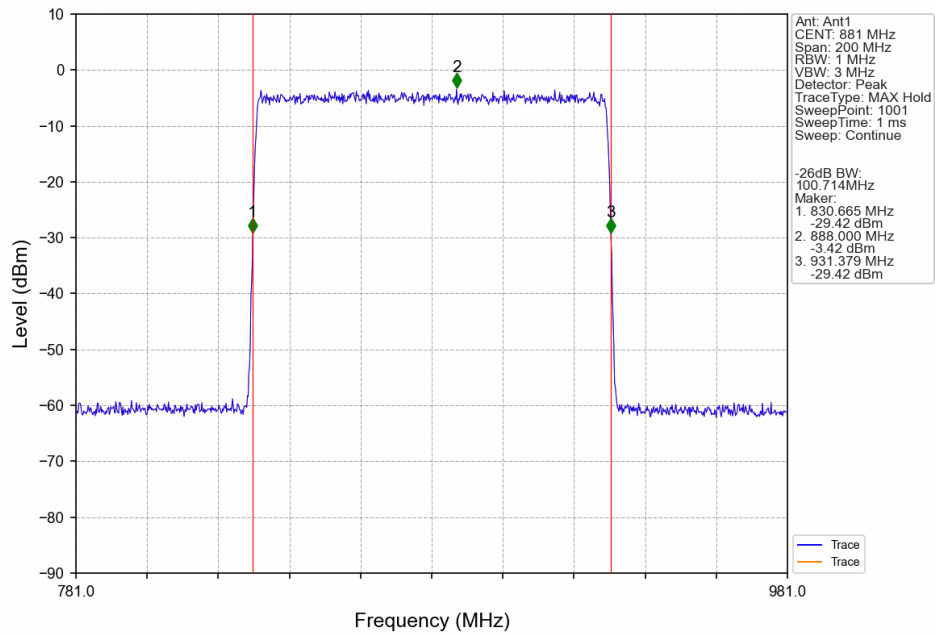
Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_Output_AGC



Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_Input_AGC+3



Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_Input_AGC



4. Input/output power and amplifier/booster gain

4.1 Test Result

4.1.1 Band26b_ERP

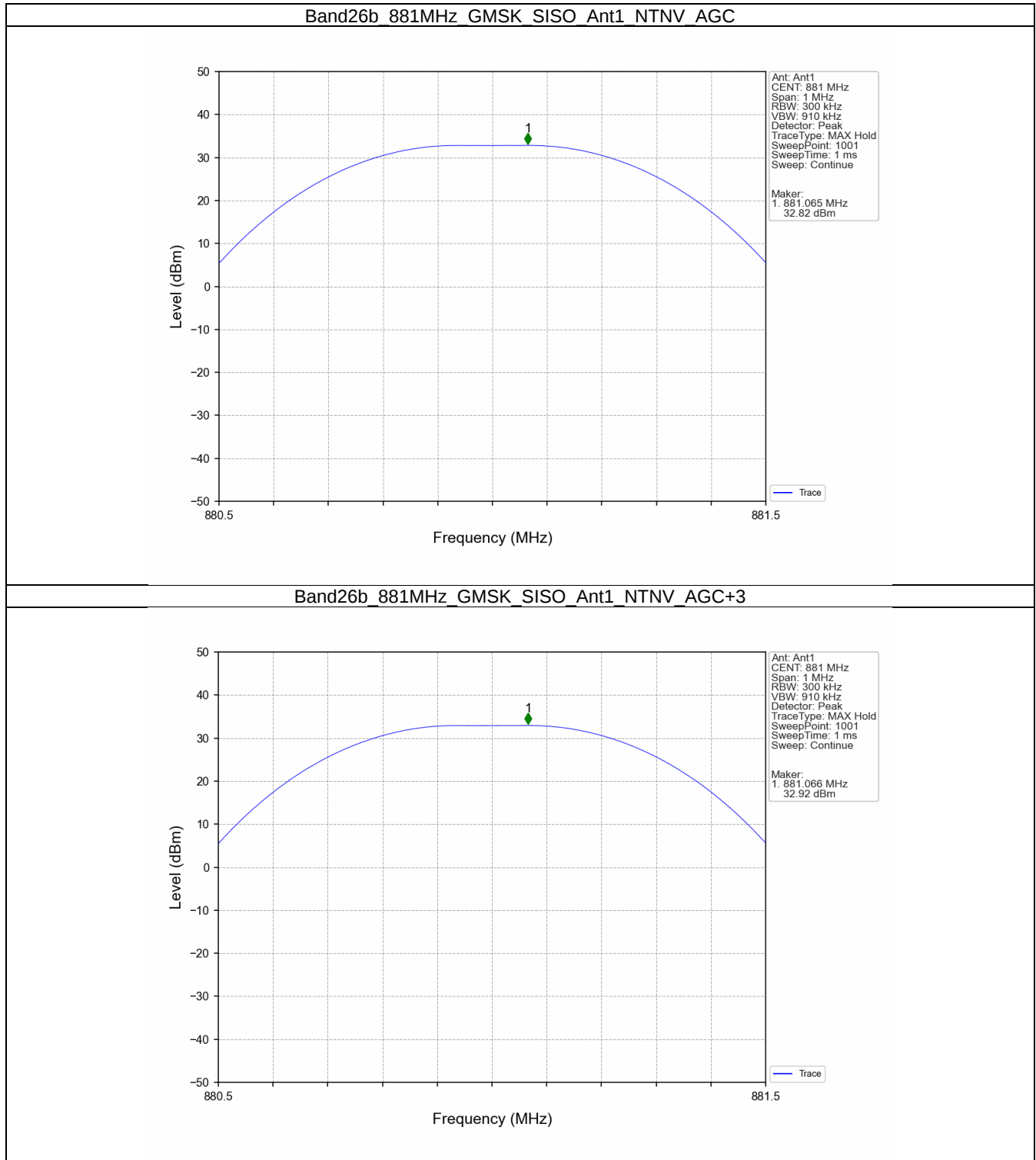
Band: 26b / NTNV										
Signal			TX Type	ANT	Conducted Power (dBm)		ERP (dBm)		Booster Gain (dB)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	Result	Limit		
GMSK 0.2MHz	-0.3	881	SISO	1	32.82	-0.38	42.67	<=56.99	33.20	Pass
	2.7	881	SISO	1	32.92	3.37	42.77	<=56.99	/	Pass
AWGN 5MHz	-0.3	881	SISO	1	32.79	-0.37	42.64	<=56.99	33.16	Pass
	2.7	881	SISO	1	32.83	-3.37	42.68	<=56.99	/	Pass
AWGN 100MHz	-0.3	881	SISO	1	32.86	-0.42	42.71	<=56.99	33.28	Pass
	2.7	881	SISO	1	32.87	-3.42	42.72	<=56.99	/	Pass

4.1.2 Band26b_PAPR

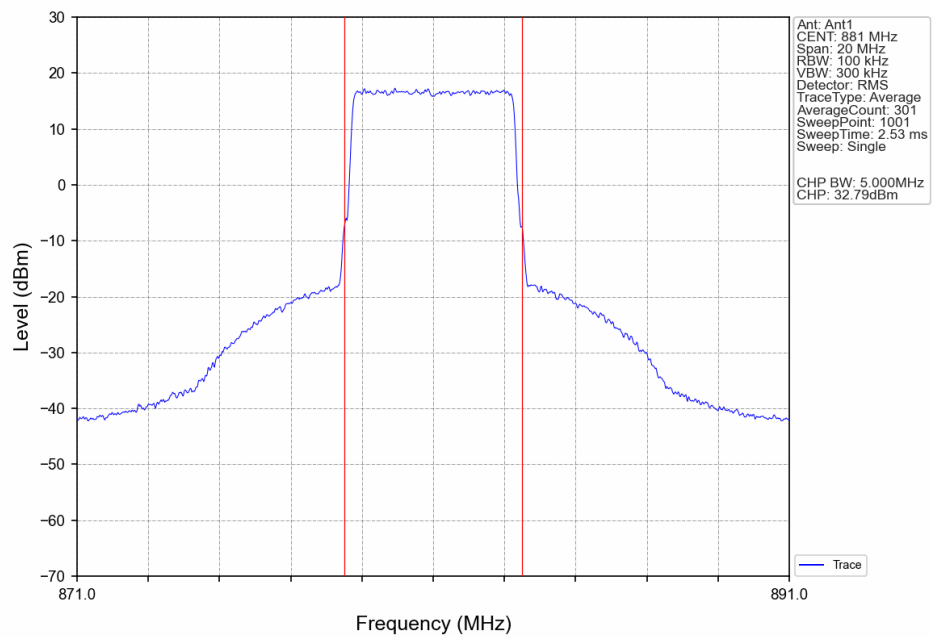
Band: 26b / NTNV							
Signal			TX Type	ANT	PAPR (dB)		Verdict
Type	Level (dBm)	Frequency (MHz)			Result	Limit	
GMSK 0.2MHz	-0.3	881	SISO	1	0.21	<=13	Pass
	2.7	881	SISO	1	0.30	<=13	Pass
AWGN 5MHz	-0.3	881	SISO	1	8.61	<=13	Pass
	2.7	881	SISO	1	8.17	<=13	Pass
AWGN 100MHz	-0.3	881	SISO	1	8.62	<=13	Pass
	2.7	881	SISO	1	8.69	<=13	Pass

4.2 Test Graph

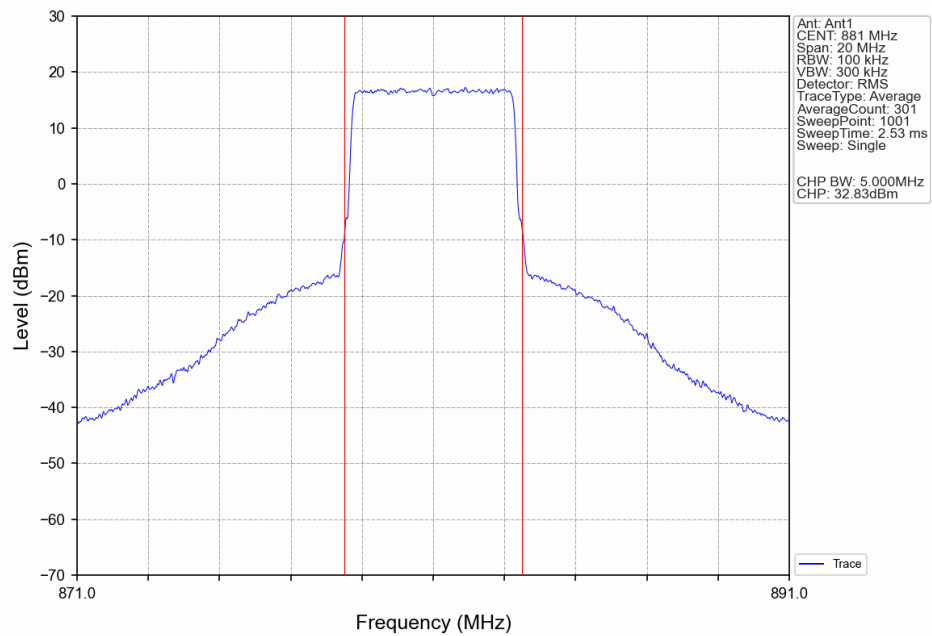
4.2.1 Band26b_ERP



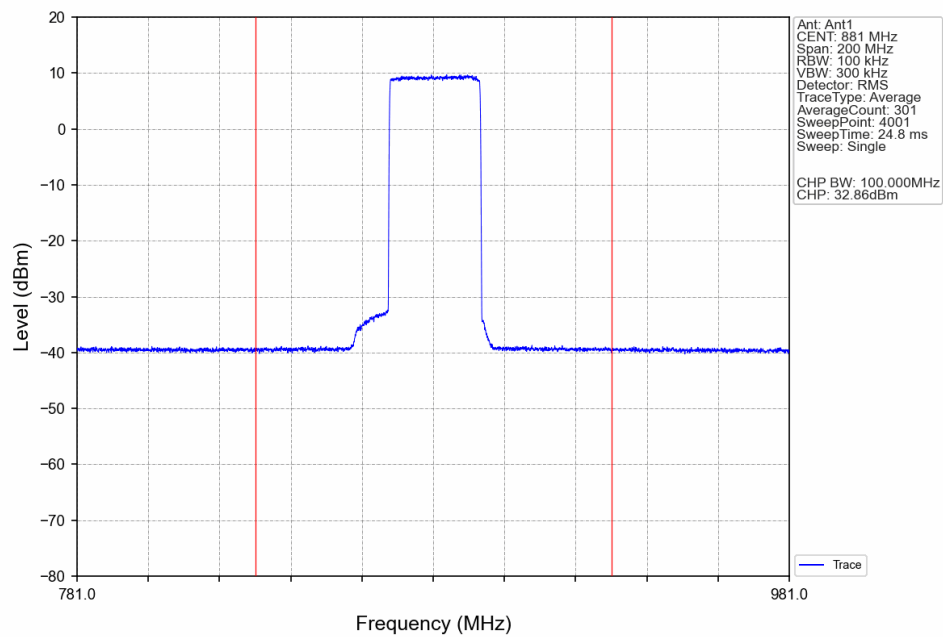
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_AGC



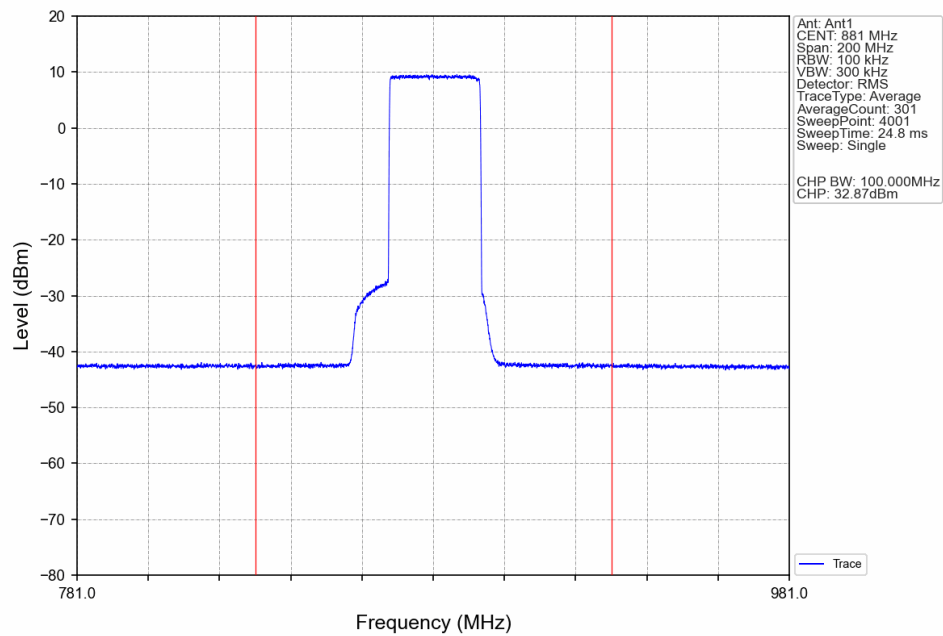
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_AGC+3



Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_AGC

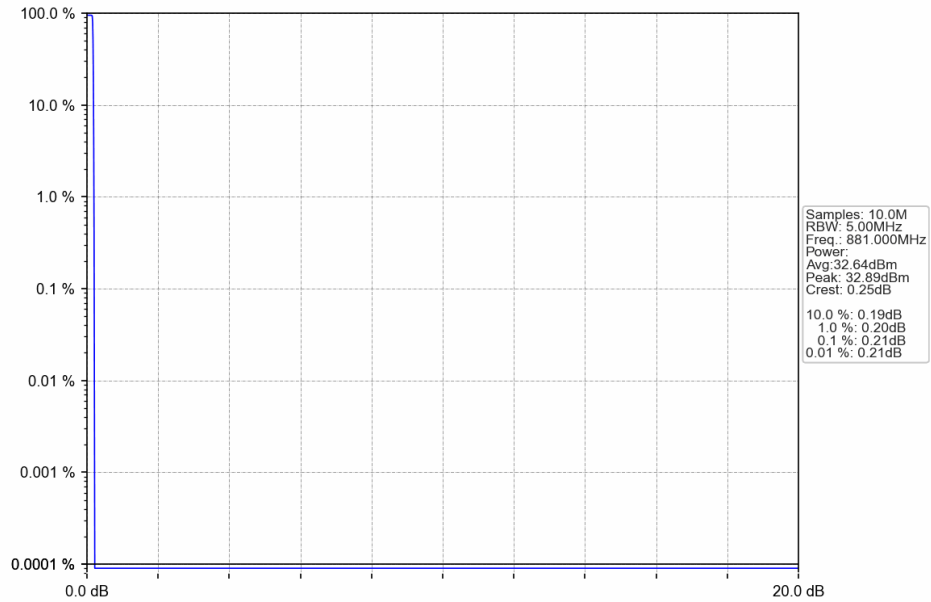


Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3

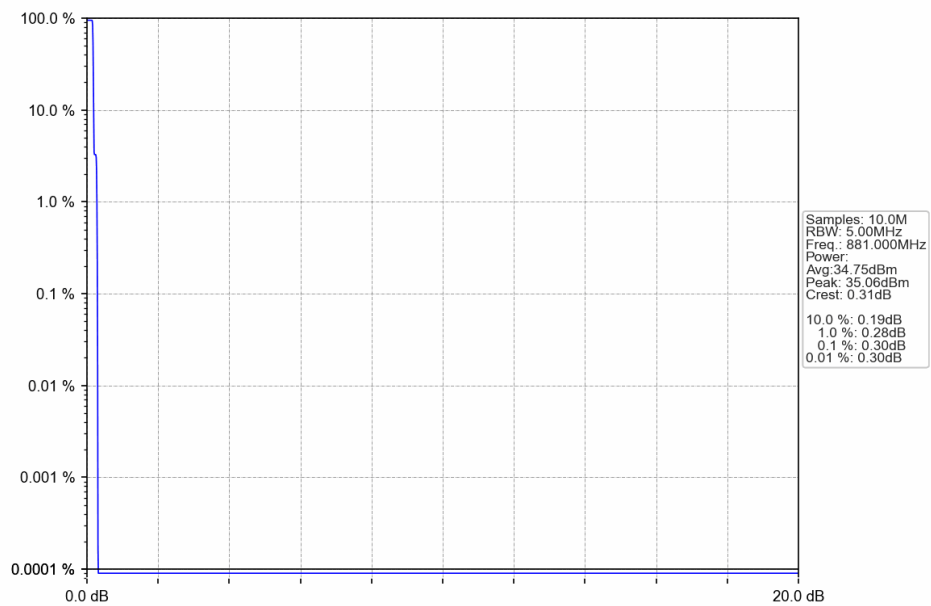


4.2.2 Band26b_PAPR

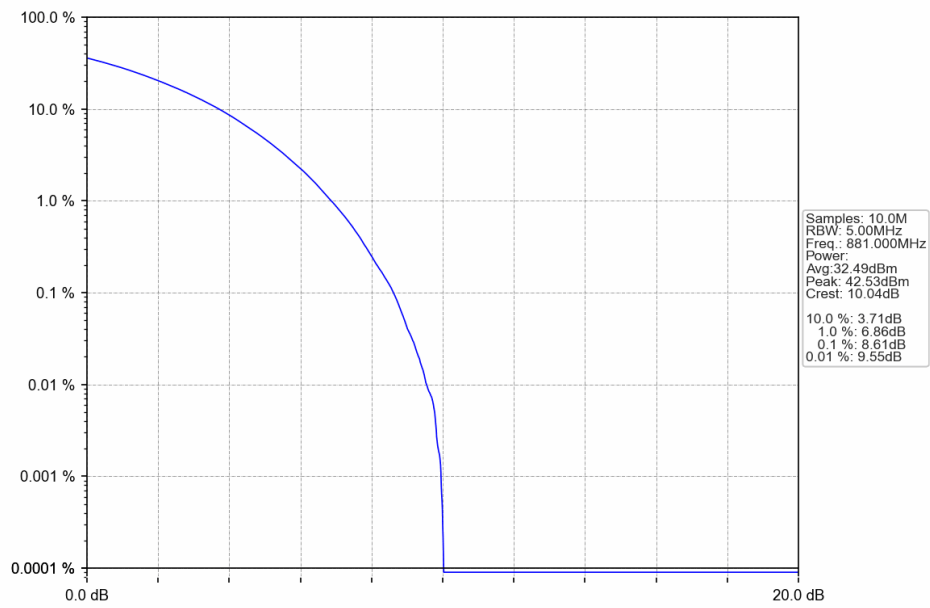
Band26b_881MHz_GMSK_SISO_Ant1_NTNV_AGC



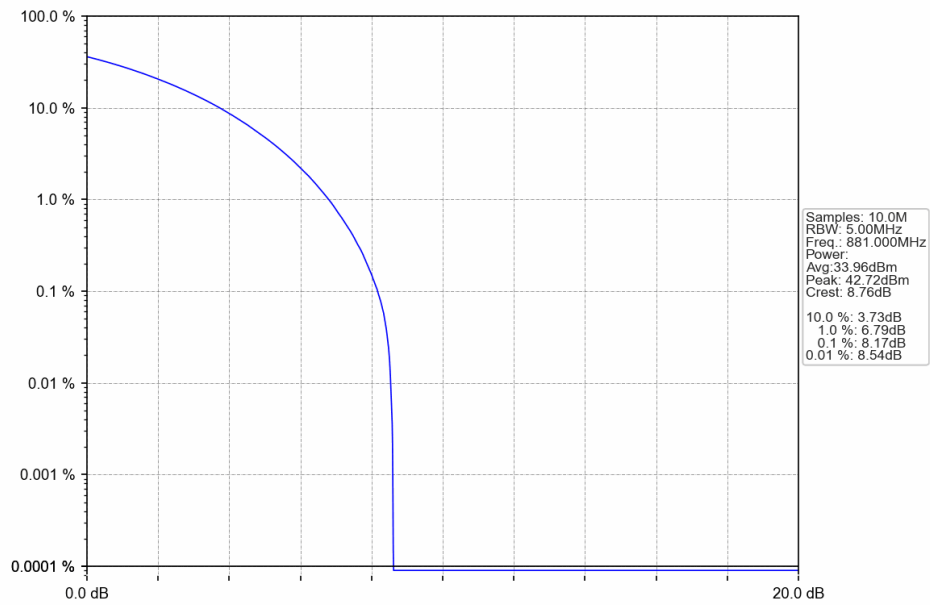
Band26b_881MHz_GMSK_SISO_Ant1_NTNV_AGC+3



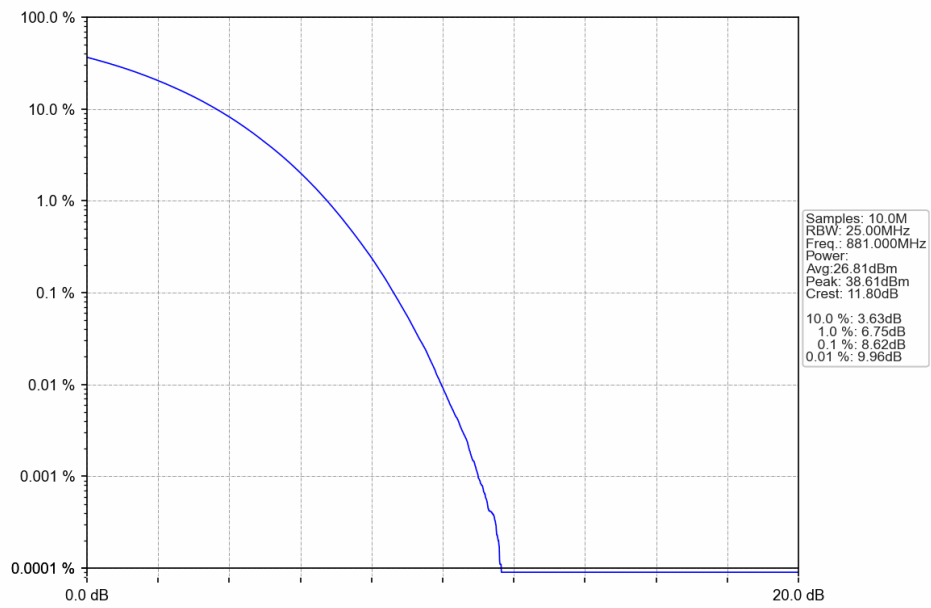
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_AGC



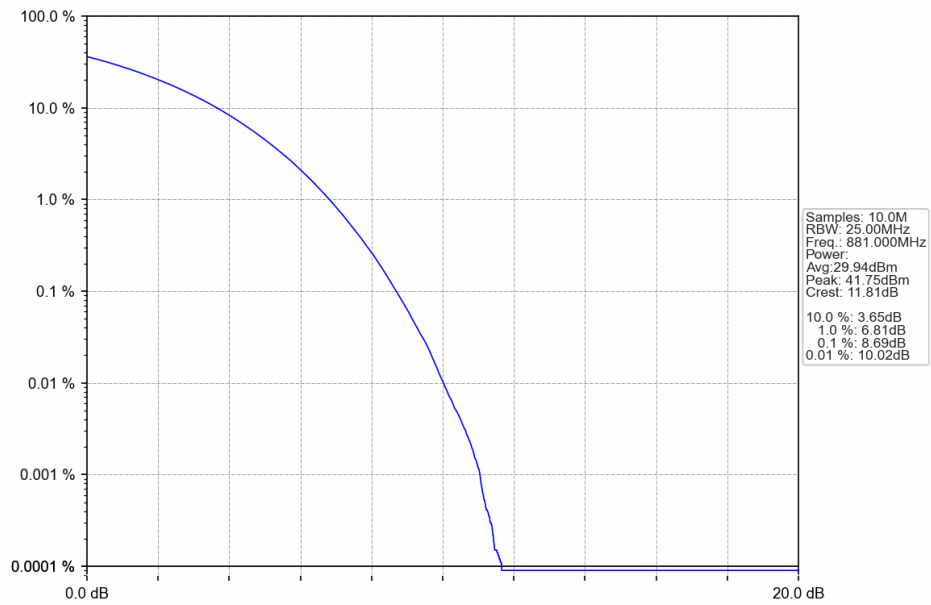
Band26b_881MHz_AWGN_SISO_Ant1_NTNV_AGC+3



Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



Band26b_881MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3



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

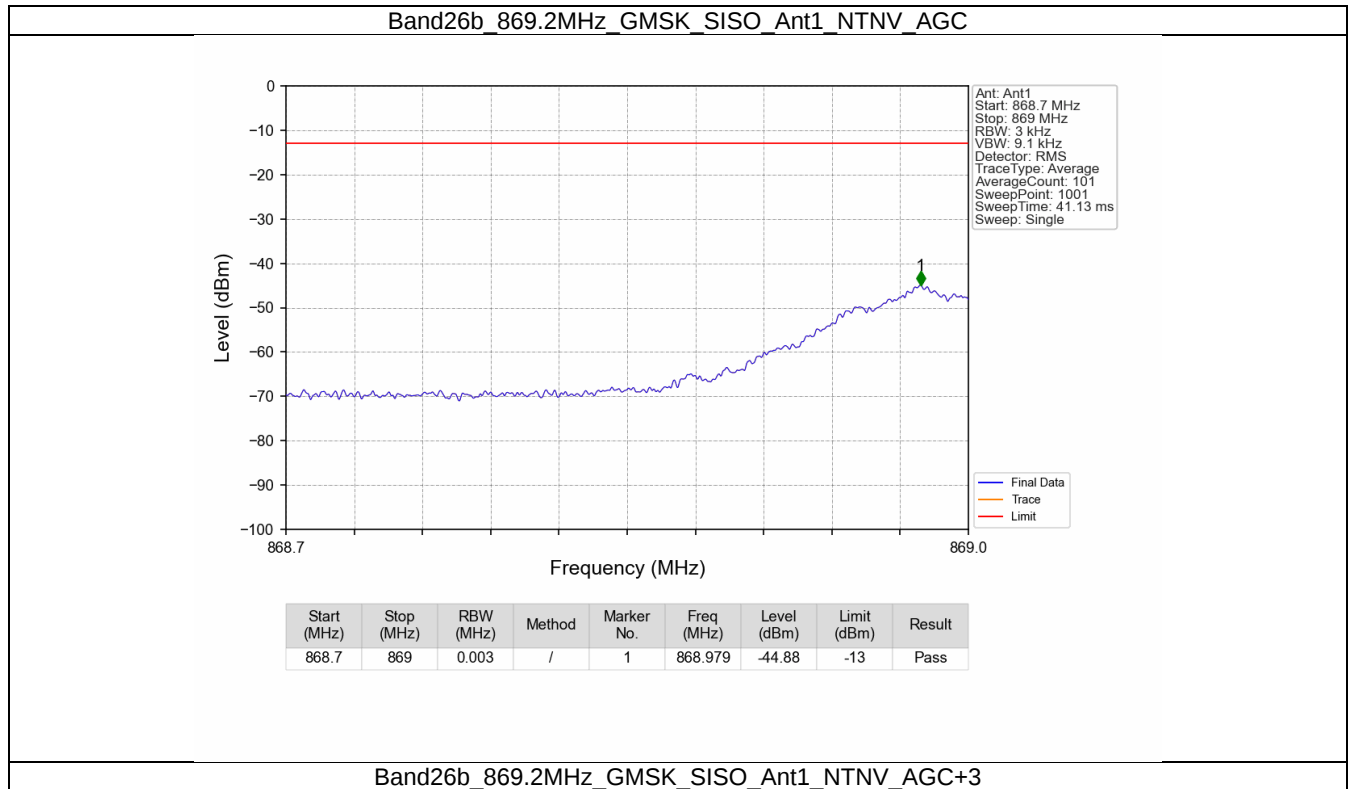
5.1 Test Result

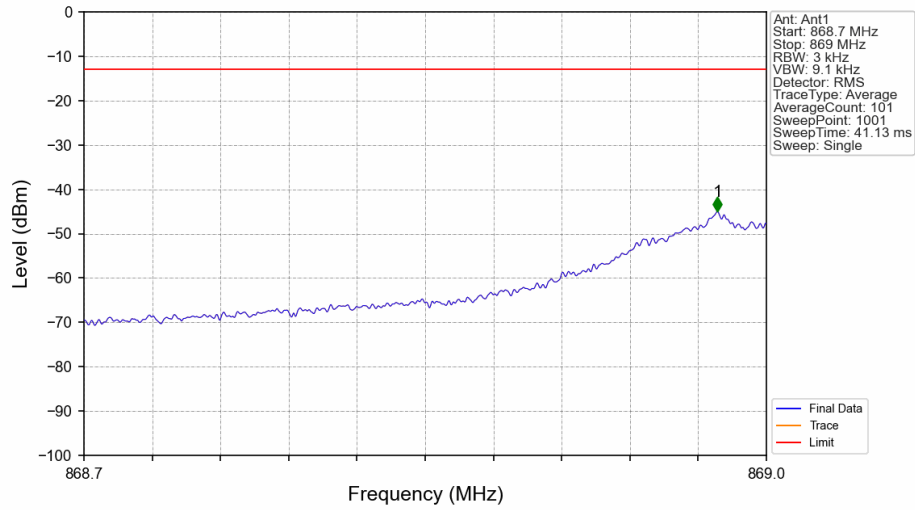
5.1.1 Band26b

Band: 26b / NTNV									
Input	Type	Signal		Channel	TX Type	ANT	OOB (dBm)		Verdict
		Level (dBm)	Frequency (MHz)				Result	Limit	
Two	GMSK 0.2MHz	-0.3	869.2	LCH	SISO	1	-44.88	Refer To Test Graph	Pass
		2.7	869.2	LCH	SISO	1	-44.99	Refer To Test Graph	Pass
One	GMSK 0.2MHz	-0.3	869.2	LCH	SISO	1	-44.93	Refer To Test Graph	Pass
		2.7	869.2	LCH	SISO	1	-43.07	Refer To Test Graph	Pass
Two	GMSK 0.2MHz	-0.3	893.8	HCH	SISO	1	-45.20	Refer To Test Graph	Pass
		2.7	893.8	HCH	SISO	1	-45.22	Refer To Test Graph	Pass
One	GMSK 0.2MHz	-0.3	893.8	HCH	SISO	1	-45.19	Refer To Test Graph	Pass
		2.7	893.8	HCH	SISO	1	-43.06	Refer To Test Graph	Pass
Two	AWGN 5MHz	-0.3	871.5	LCH	SISO	1	-36.04	Refer To Test Graph	Pass
		2.7	871.5	LCH	SISO	1	-35.48	Refer To Test Graph	Pass
One	AWGN 5MHz	-0.3	871.5	LCH	SISO	1	-36.62	Refer To Test Graph	Pass
		2.7	871.5	LCH	SISO	1	-36.11	Refer To Test Graph	Pass
Two	AWGN 5MHz	-0.3	891.5	HCH	SISO	1	-35.57	Refer To Test Graph	Pass
		2.7	891.5	HCH	SISO	1	-35.50	Refer To Test Graph	Pass
One	AWGN 5MHz	-0.3	891.5	HCH	SISO	1	-37.15	Refer To Test Graph	Pass
		2.7	891.5	HCH	SISO	1	-35.68	Refer To Test Graph	Pass
Two	AWGN 100MHz	-0.3	919	LCH	SISO	1	-23.95	Refer To Test Graph	Pass
		2.7	919	LCH	SISO	1	-20.89	Refer To Test Graph	Pass
One	AWGN 100MHz	-0.3	919	LCH	SISO	1	-27.55	Refer To Test Graph	Pass
		2.7	919	LCH	SISO	1	-23.62	Refer To Test Graph	Pass
Two	AWGN 100MHz	-0.3	844	HCH	SISO	1	-24.91	Refer To Test Graph	Pass
		2.7	844	HCH	SISO	1	-22.44	Refer To Test Graph	Pass
One	AWGN 100MHz	-0.3	844	HCH	SISO	1	-28.05	Refer To Test Graph	Pass
		2.7	844	HCH	SISO	1	-25.79	Refer To Test Graph	Pass

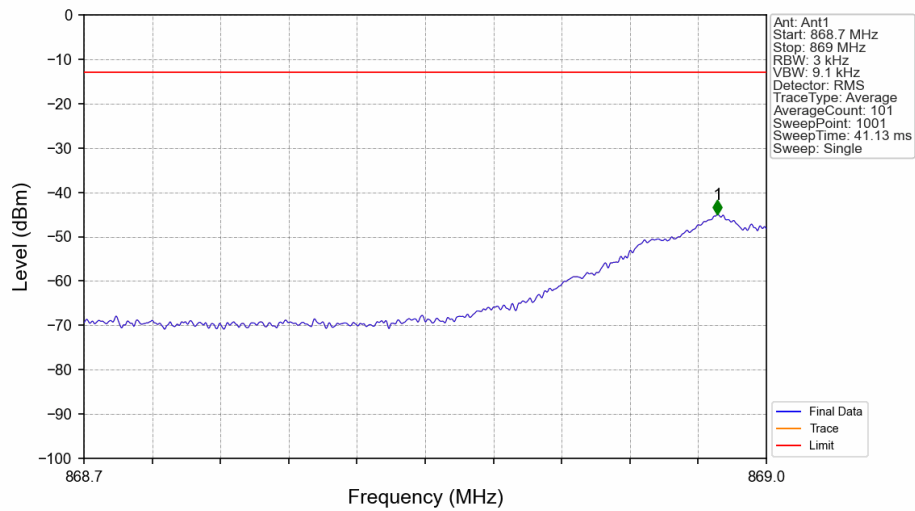
5.2 Test Graph

5.2.1 Band26b

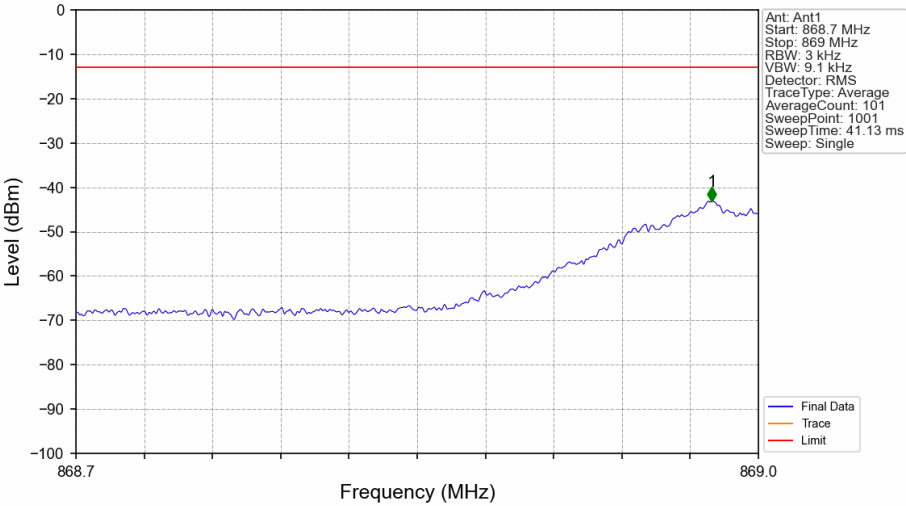




Band26b_869.2MHz_GMSK_SISO_Ant1_NTNV_AGC

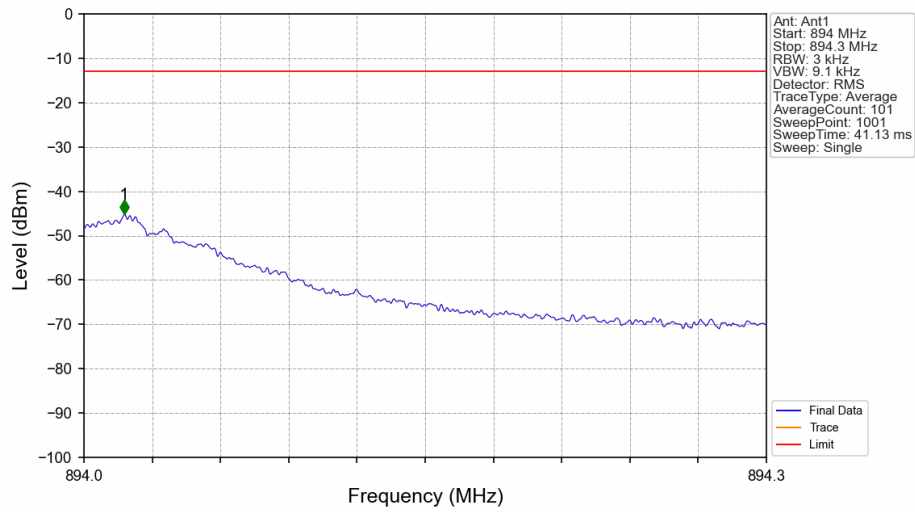


Band26b_869.2MHz_GMSK_SISO_Ant1_NTNV_AGC+3

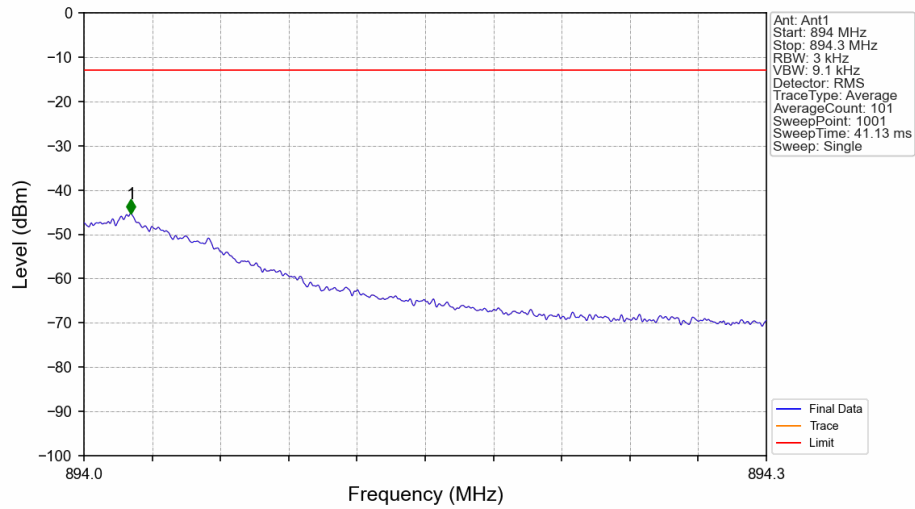


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
868.7	869	0.003	/	1	868.980	-43.07	-13	Pass

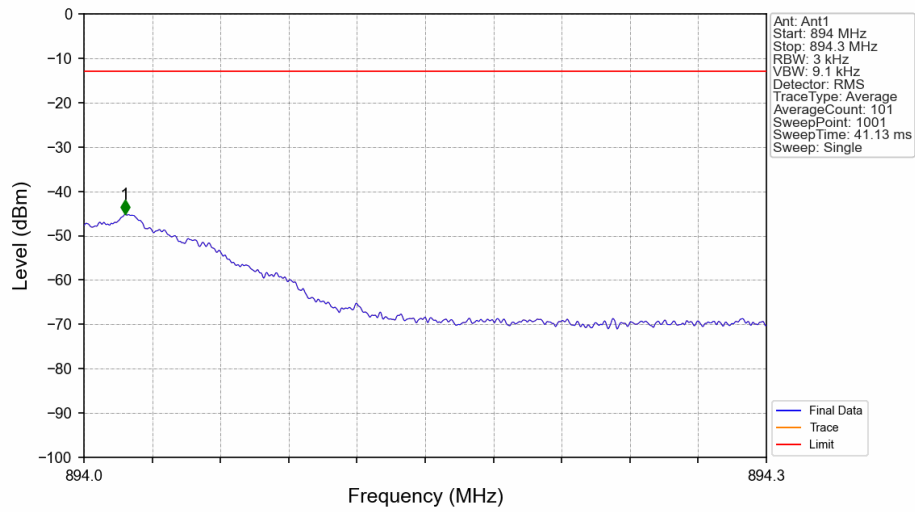
Band26b_893.8MHz_GMSK_SISO_Ant1_NTNV_AGC



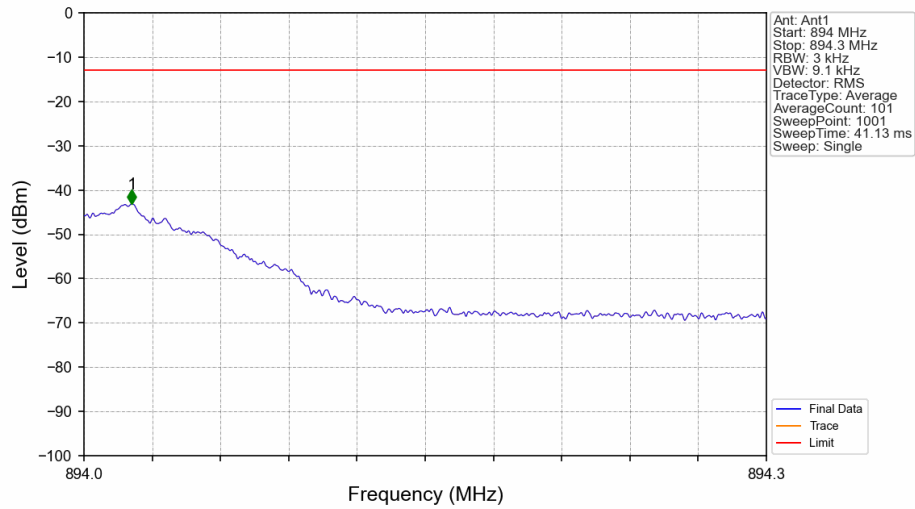
Band26b_893.8MHz_GMSK_SISO_Ant1_NTNV_AGC+3



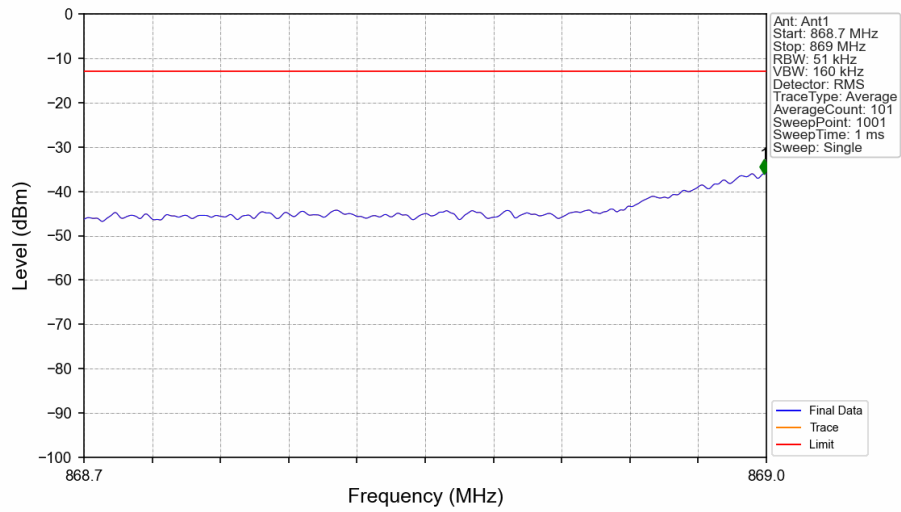
Band26b_893.8MHz_GMSK_SISO_Ant1_NTNV_AGC



Band26b_893.8MHz_GMSK_SISO_Ant1_NTNV_AGC+3

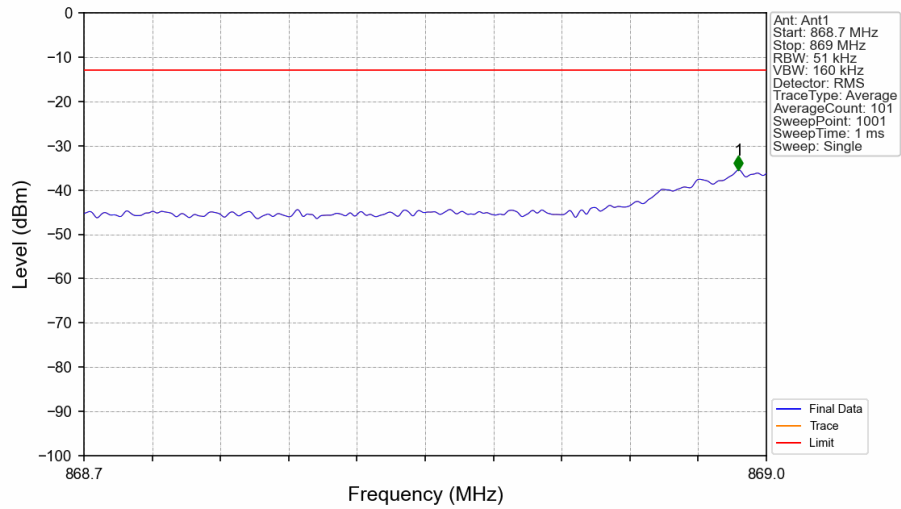


Band26b_871.5MHz_AWGN_SISO_Ant1_NTNV_AGC



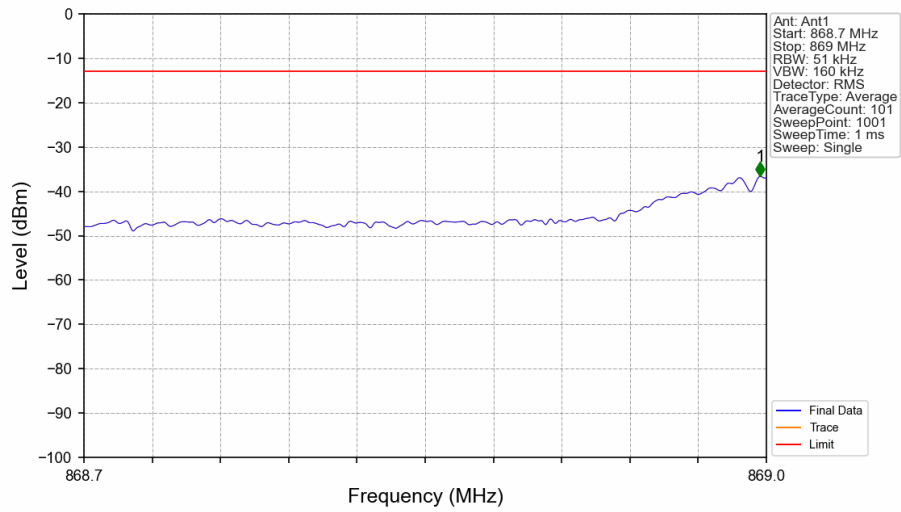
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
868.7	869	0.051	/	1	868.999	-36.04	-13	Pass

Band26b_871.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3



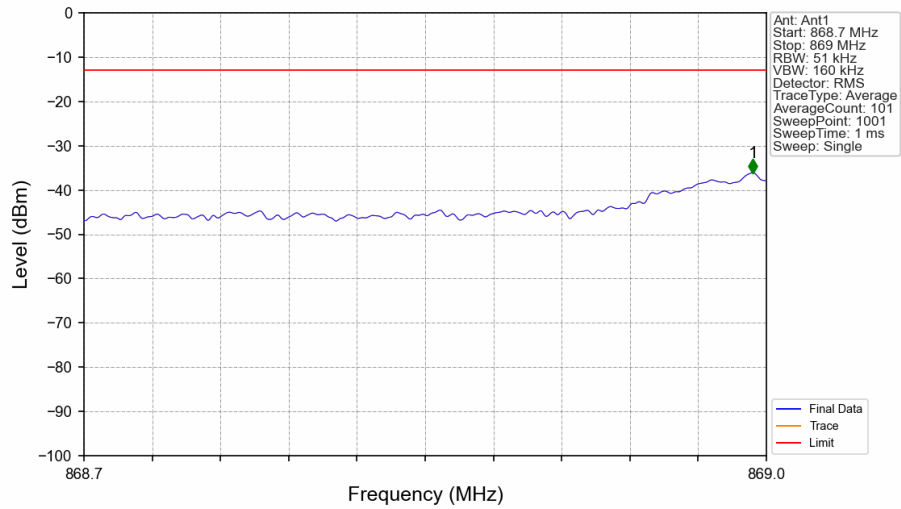
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
868.7	869	0.051	/	1	868.988	-35.48	-13	Pass

Band26b_871.5MHz_AWGN_SISO_Ant1_NTNV_AGC



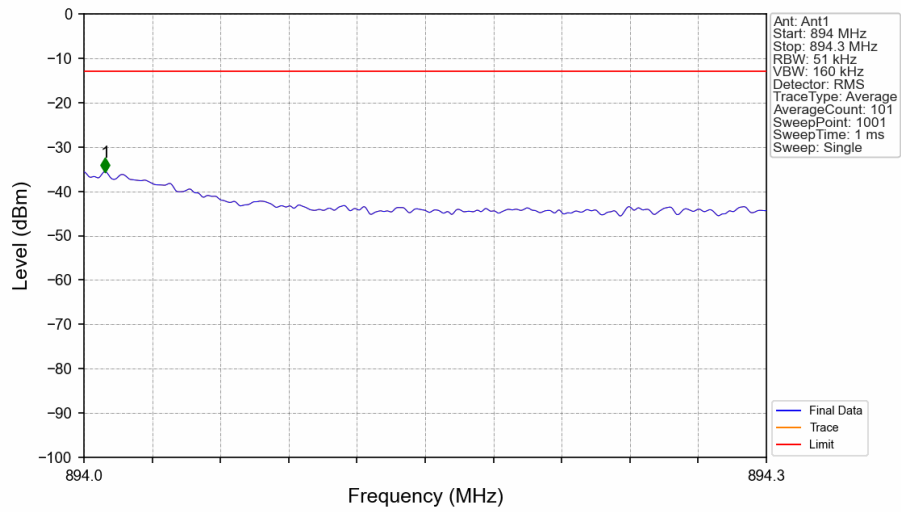
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
868.7	869	0.051	/	1	868.997	-36.62	-13	Pass

Band26b_871.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3



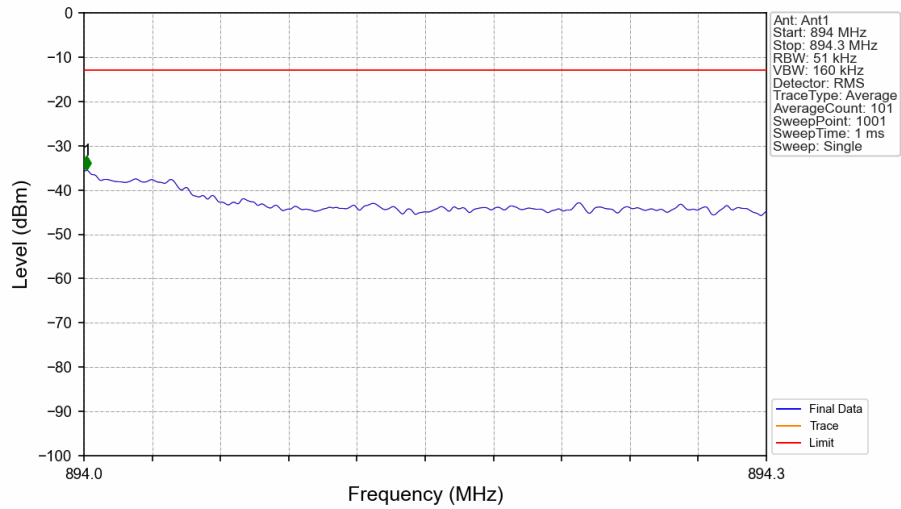
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
868.7	869	0.051	/	1	868.994	-36.11	-13	Pass

Band26b_891.5MHz_AWGN_SISO_Ant1_NTNV_AGC



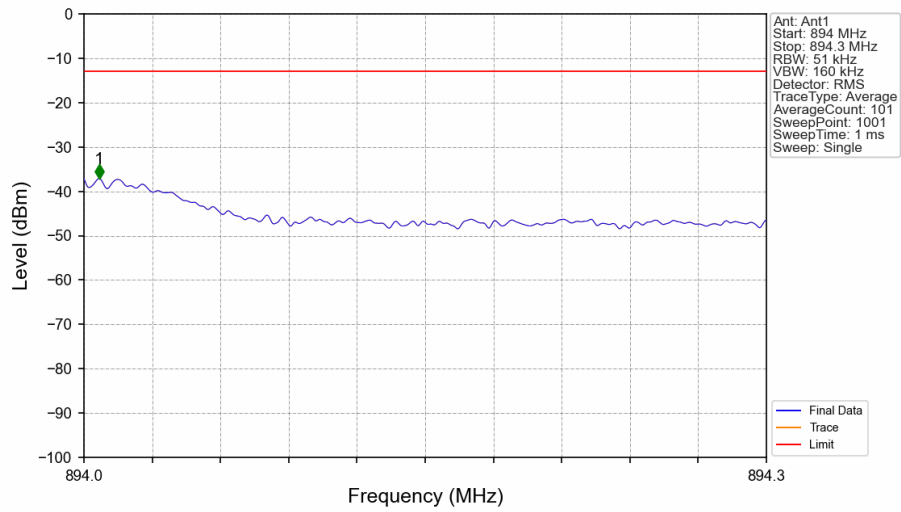
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
894	894.3	0.051	/	1	894.009	-35.57	-13	Pass

Band26b_891.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3



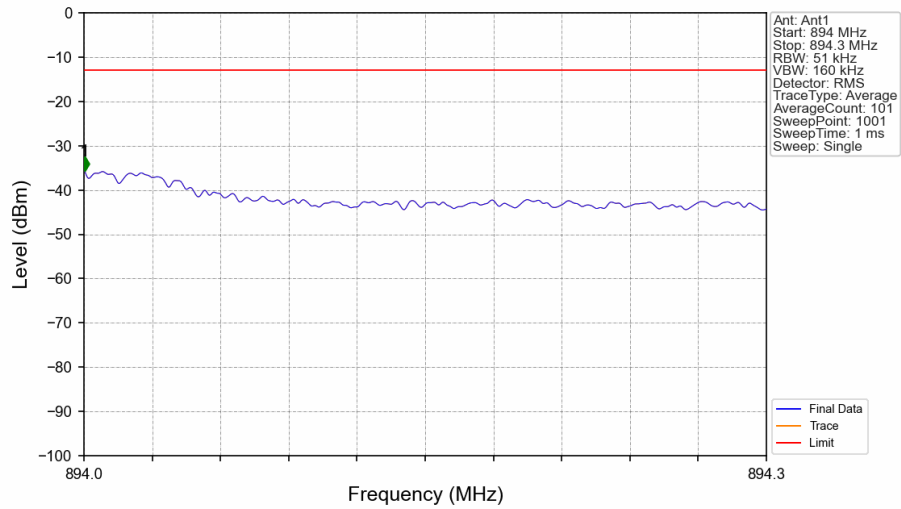
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
894	894.3	0.051	/	1	894.001	-35.50	-13	Pass

Band26b_891.5MHz_AWGN_SISO_Ant1_NTNV_AGC



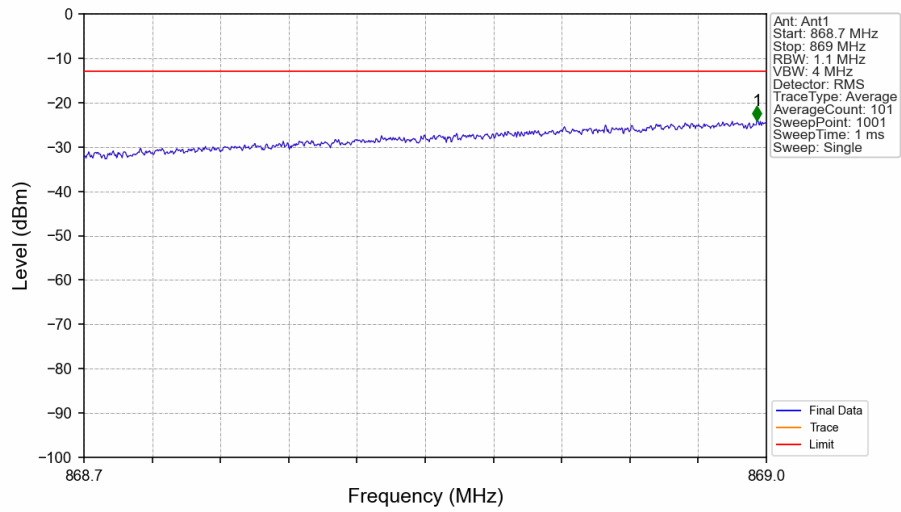
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
894	894.3	0.051	/	1	894.007	-37.15	-13	Pass

Band26b_891.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3



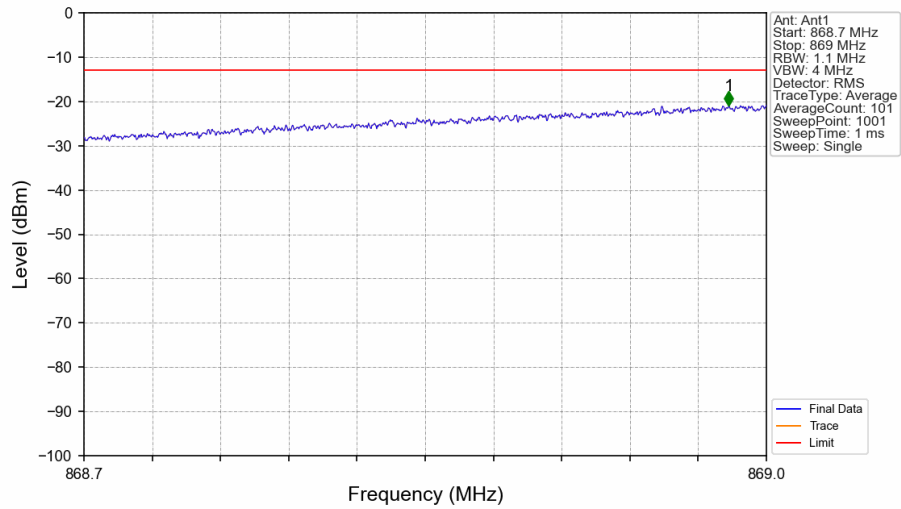
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
894	894.3	0.051	/	1	894.000	-35.68	-13	Pass

Band26b_919MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



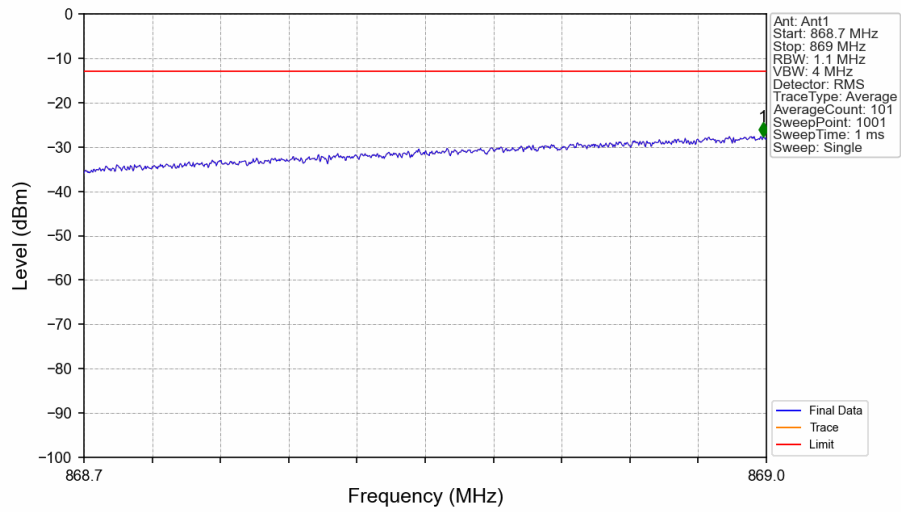
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
868.7	869	1.1	/	1	868.996	-23.95	-13	Pass

Band26b_919MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3



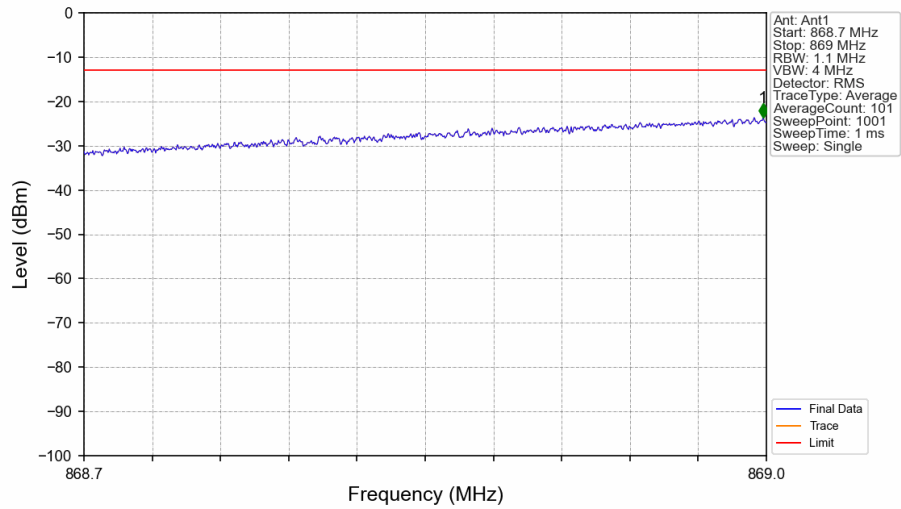
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
868.7	869	1.1	/	1	868.984	-20.89	-13	Pass

Band26b_919MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



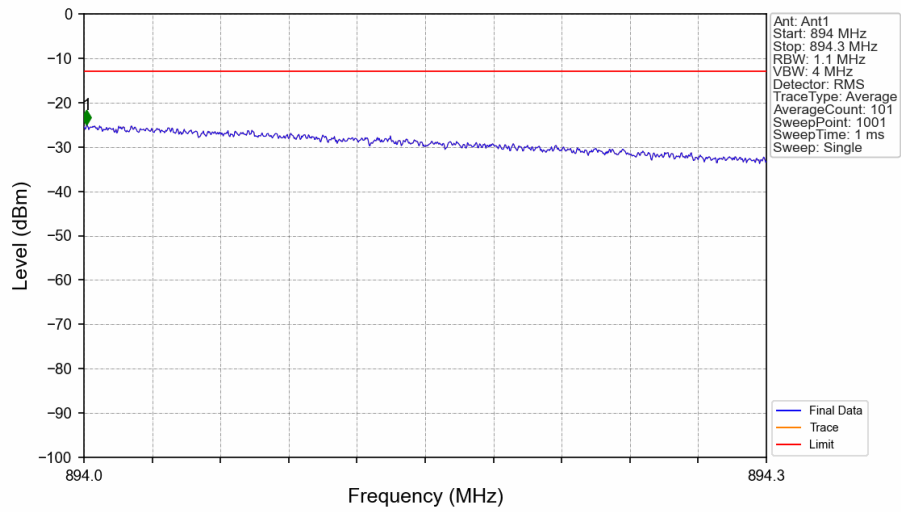
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
868.7	869	1.1	/	1	868.999	-27.56	-13	Pass

Band26b_919MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3



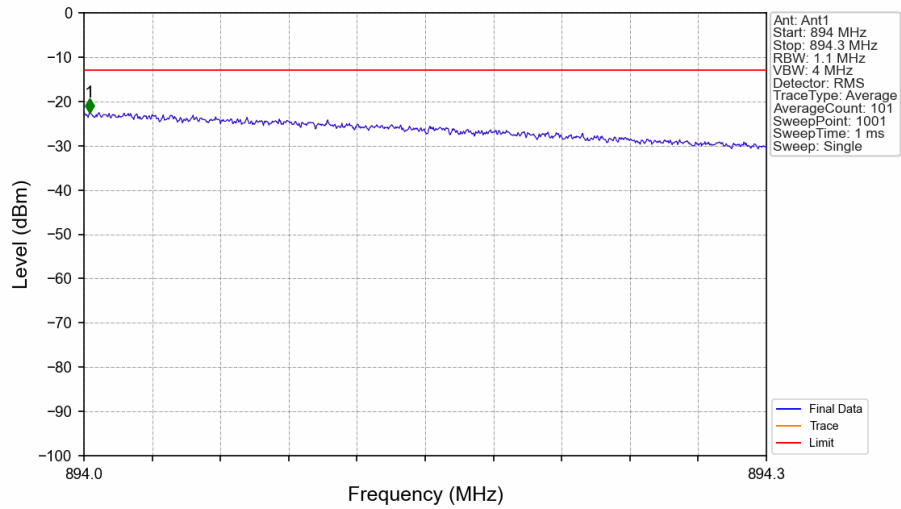
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
868.7	869	1.1	/	1	868.999	-23.62	-13	Pass

Band26b_844MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



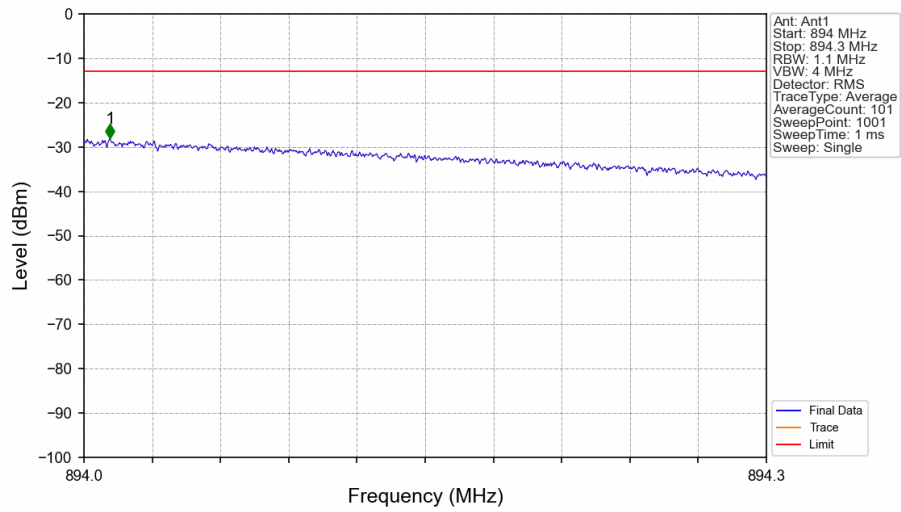
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
894	894.3	1.1	/	1	894.001	-24.91	-13	Pass

Band26b_844MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3



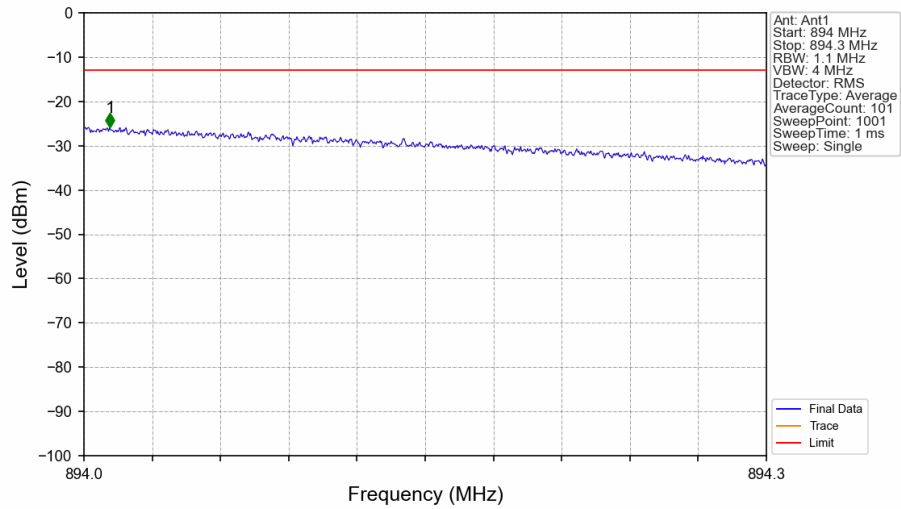
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
894	894.3	1.1	/	1	894.002	-22.44	-13	Pass

Band26b_844MHz_Broad100MHz_SISO_Ant1_NTNV_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
894	894.3	1.1	/	1	894.011	-28.05	-13	Pass

Band26b_844MHz_Broad100MHz_SISO_Ant1_NTNV_AGC+3



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
894	894.3	1.1	/	1	894.011	-25.79	-13	Pass

6. Spurious emissions

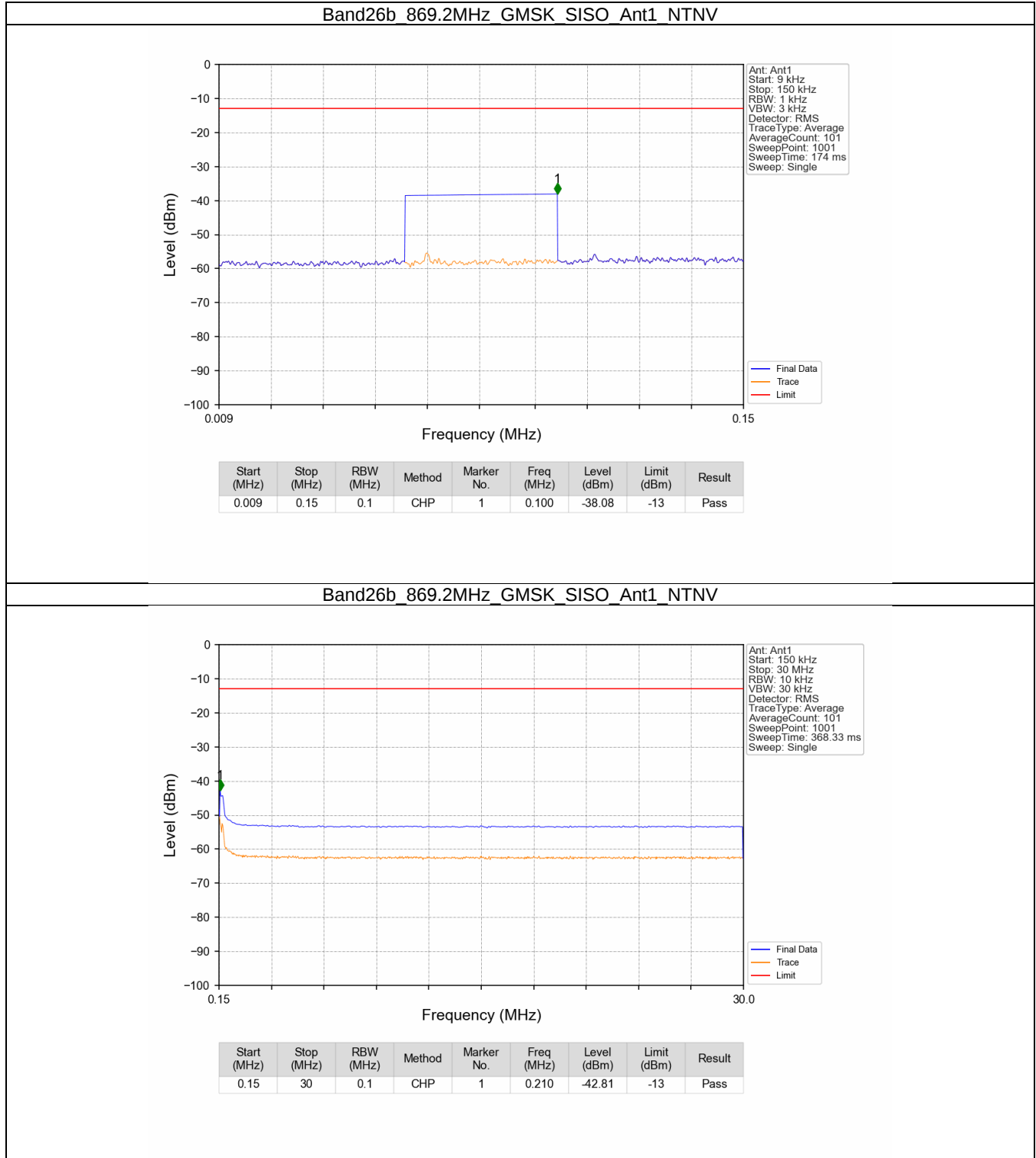
6.1 Test Result

6.1.1 Band26b

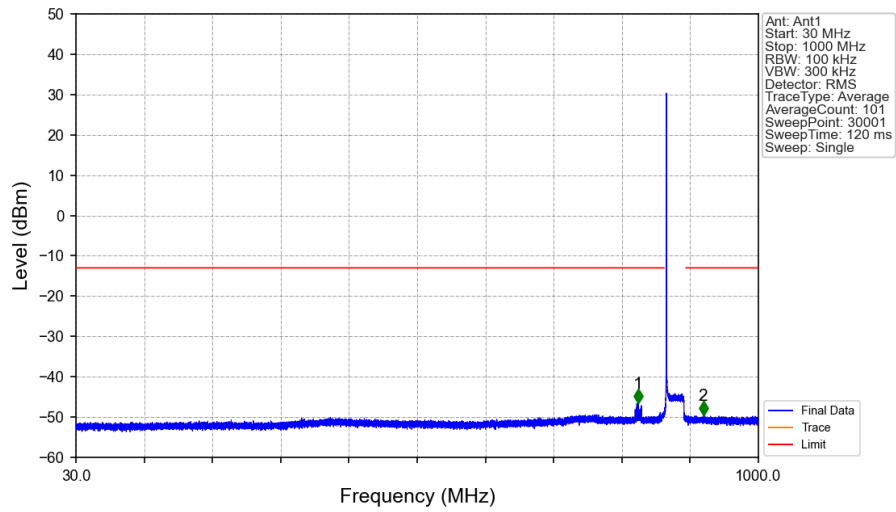
Band: 26b / NTNV								
Signal			Channel	TX Type	ANT	SE (dBm)		Verdict
Type	Level (dBm)	Frequency (MHz)				Result	Limit	
GMSK 0.2MHz	-0.3	869.2	LCH	SISO	1	Refer To Test Graph		Pass
		881.5	MCH	SISO	1	Refer To Test Graph		Pass
		893.8	HCH	SISO	1	Refer To Test Graph		Pass
AWGN 5MHz	-0.3	871.5	LCH	SISO	1	Refer To Test Graph		Pass
		881.5	MCH	SISO	1	Refer To Test Graph		Pass
		891.5	HCH	SISO	1	Refer To Test Graph		Pass
AWGN 100MHz	-0.3	919	LCH	SISO	1	Refer To Test Graph		Pass
		881.5	MCH	SISO	1	Refer To Test Graph		Pass
		844	HCH	SISO	1	Refer To Test Graph		Pass

6.2 Test Graph

6.2.1 Band26b

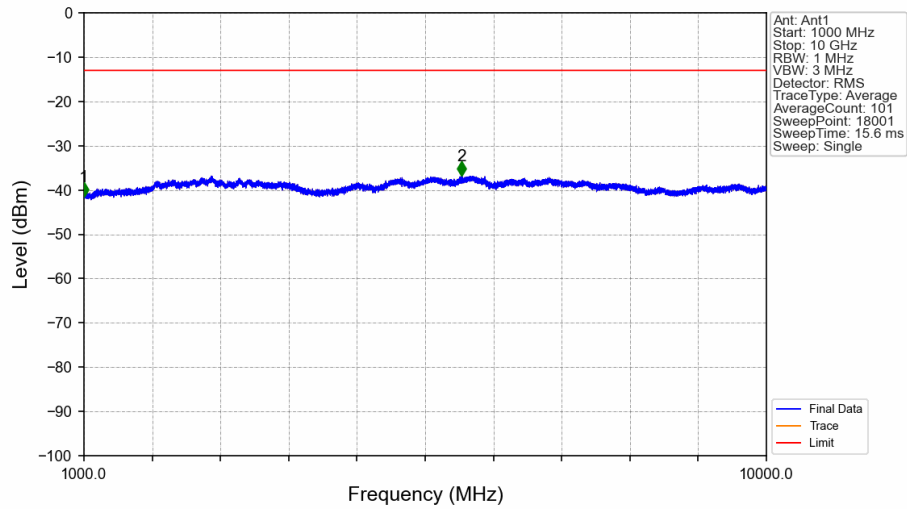


Band26b_869.2MHz_GMSK_SISO_Ant1_NTNV



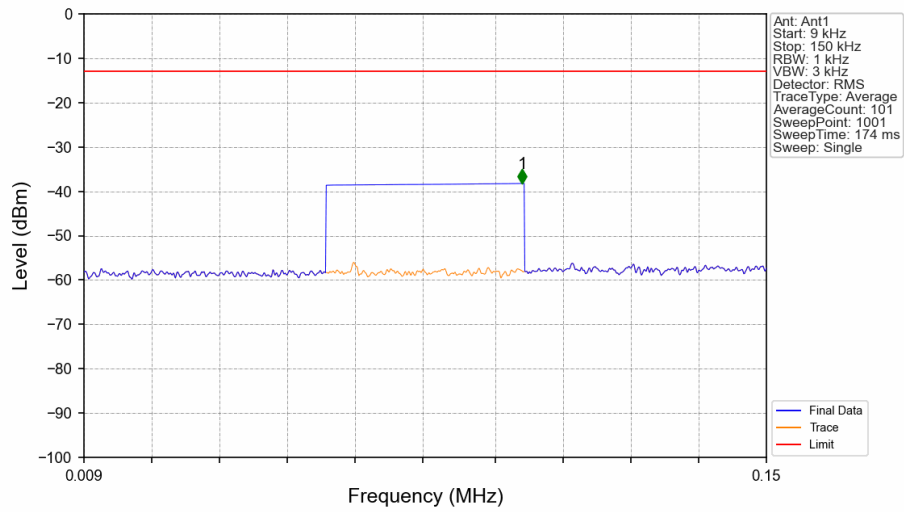
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	867.7	0.1	/	1	828.957	-46.61	-13	Pass
867.7	897.3	0.1	/	/	/	/	/	/
897.3	1000	0.1	/	2	921.495	-49.62	-13	Pass

Band26b_869.2MHz_GMSK_SISO_Ant1_NTNV



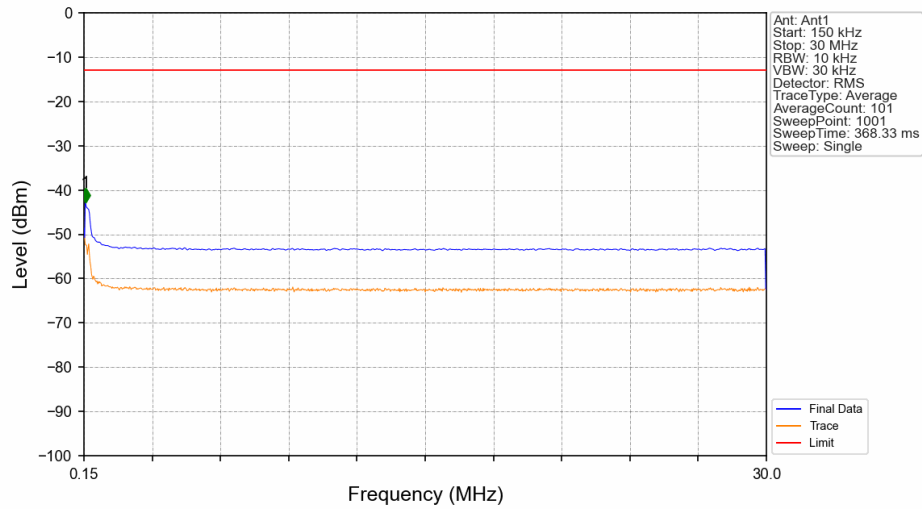
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-41.55	-13	Pass
1000	10000	1	/	2	5980.000	-36.76	-13	Pass

Band26b_881.5MHz_GMSK_SISO_Ant1_NTNV



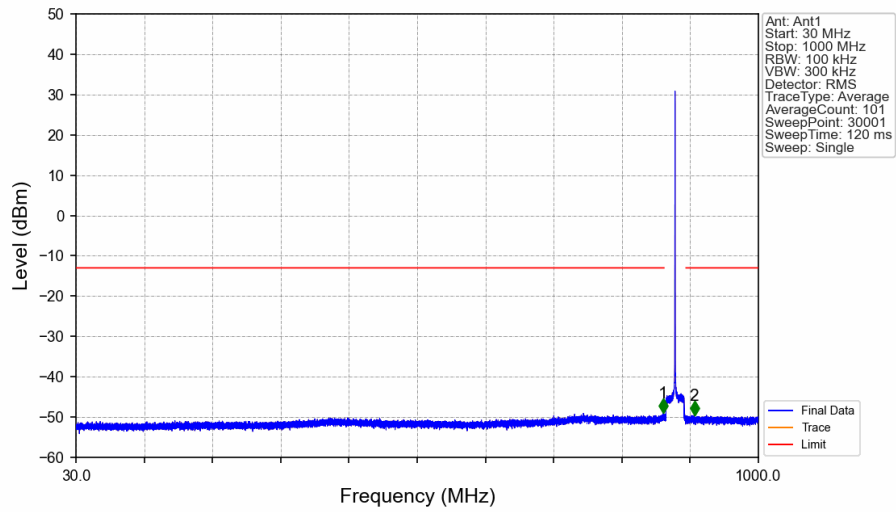
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	0.15	0.1	CHP	1	0.100	-38.23	-13	Pass

Band26b_881.5MHz_GMSK_SISO_Ant1_NTNV



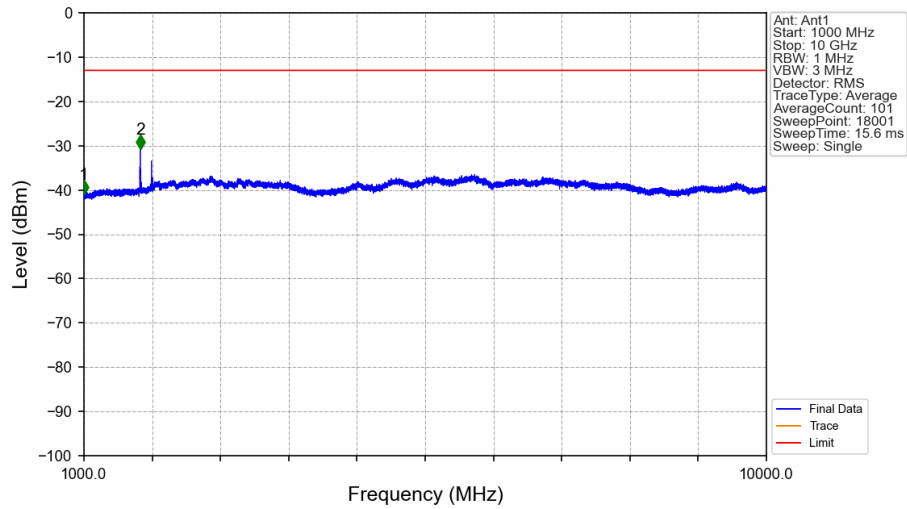
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.15	30	0.1	CHP	1	0.210	-42.77	-13	Pass

Band26b_881.5MHz_GMSK_SISO_Ant1_NTNV



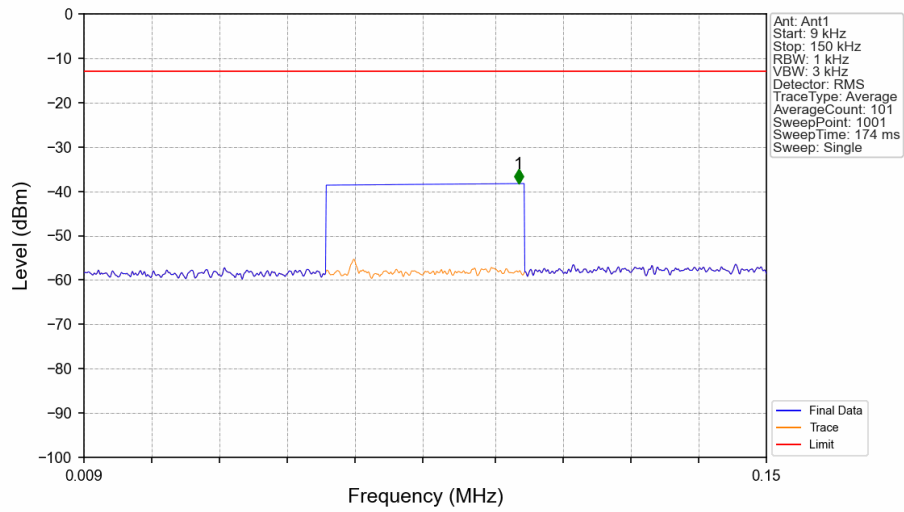
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	867.7	0.1	/	1	864.653	-48.84	-13	Pass
867.7	897.3	0.1	/	/	/	/	/	/
897.3	1000	0.1	/	2	909.014	-49.48	-13	Pass

Band26b_881.5MHz_GMSK_SISO_Ant1_NTNV

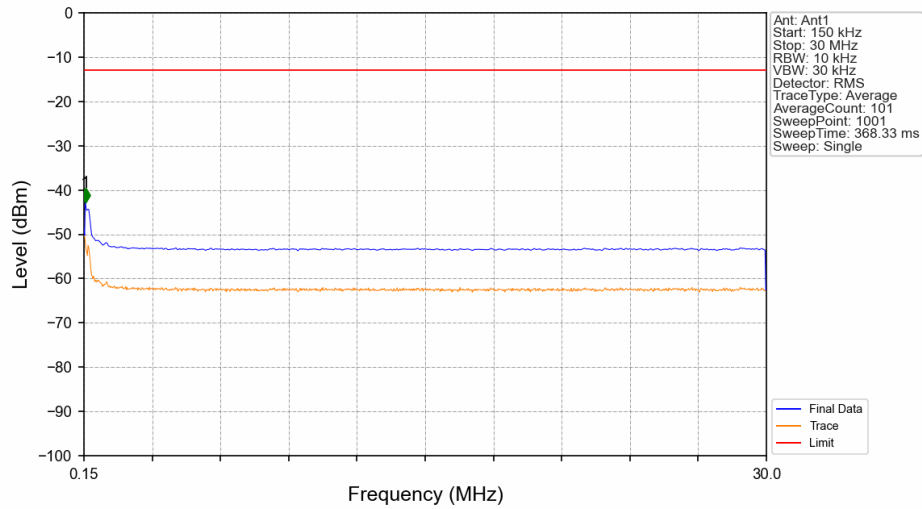


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-41.01	-13	Pass
1000	10000	1	/	2	1742.000	-30.76	-13	Pass

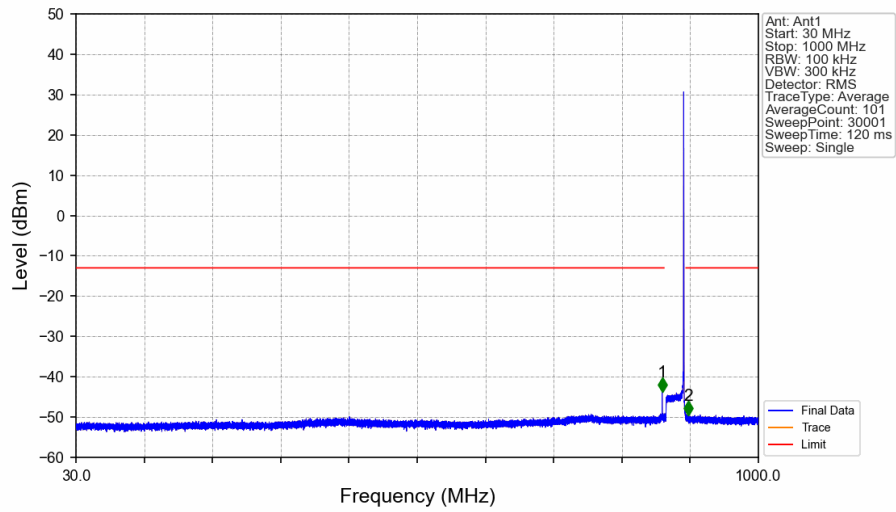
Band26b_893.8MHz_GMSK_SISO_Ant1_NTNV



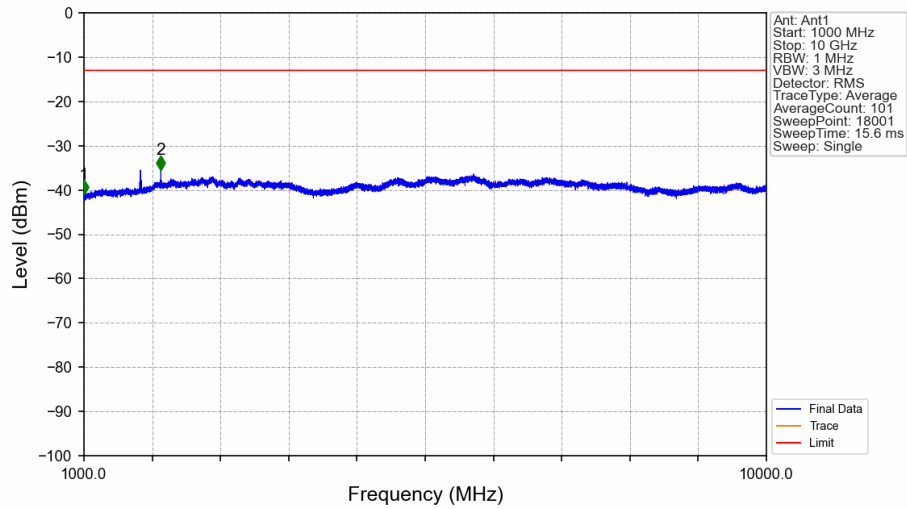
Band26b_893.8MHz_GMSK_SISO_Ant1_NTNV



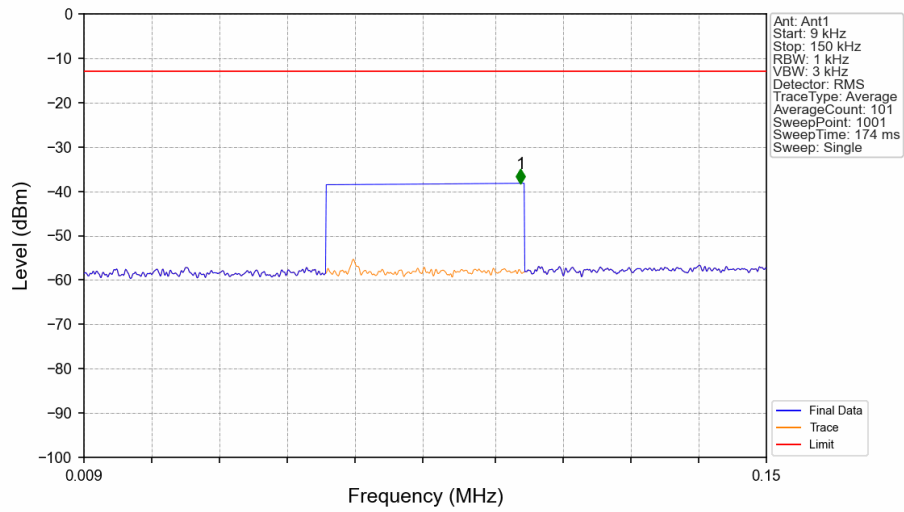
Band26b_893.8MHz_GMSK_SISO_Ant1_NTNV



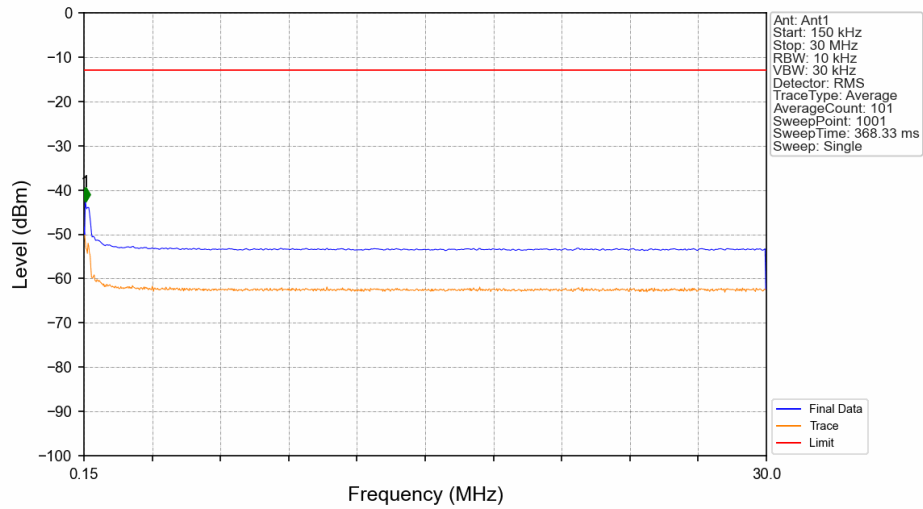
Band26b_893.8MHz_GMSK_SISO_Ant1_NTNV



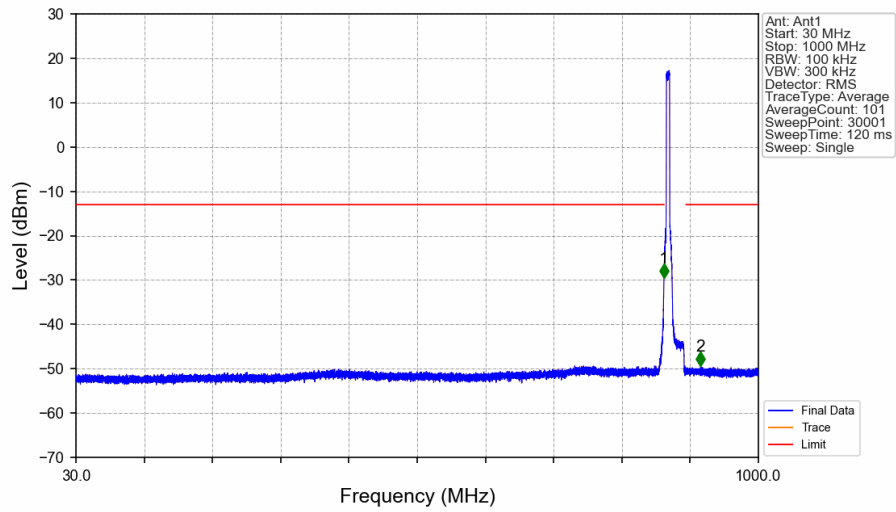
Band26b_871.5MHz_AWGN_SISO_Ant1_NTNV



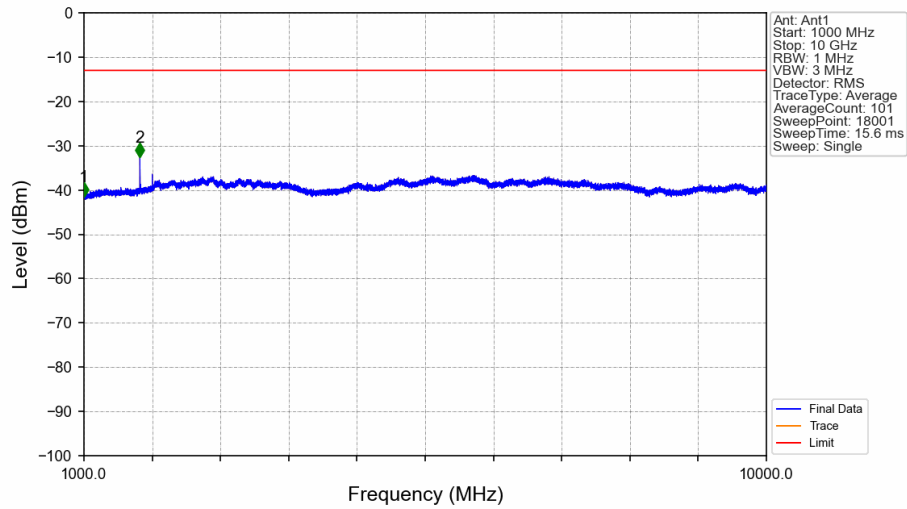
Band26b_871.5MHz_AWGN_SISO_Ant1_NTNV



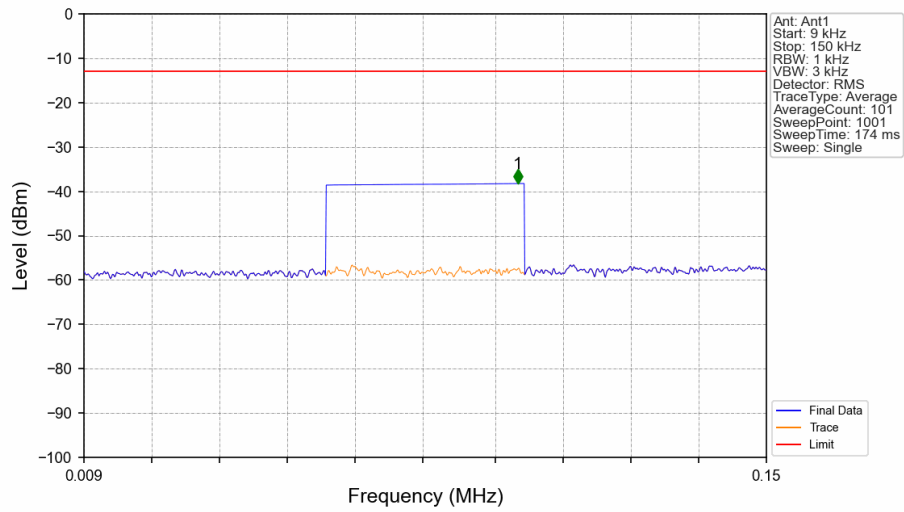
Band26b_871.5MHz_AWGN_SISO_Ant1_NTNV



Band26b_871.5MHz_AWGN_SISO_Ant1_NTNV

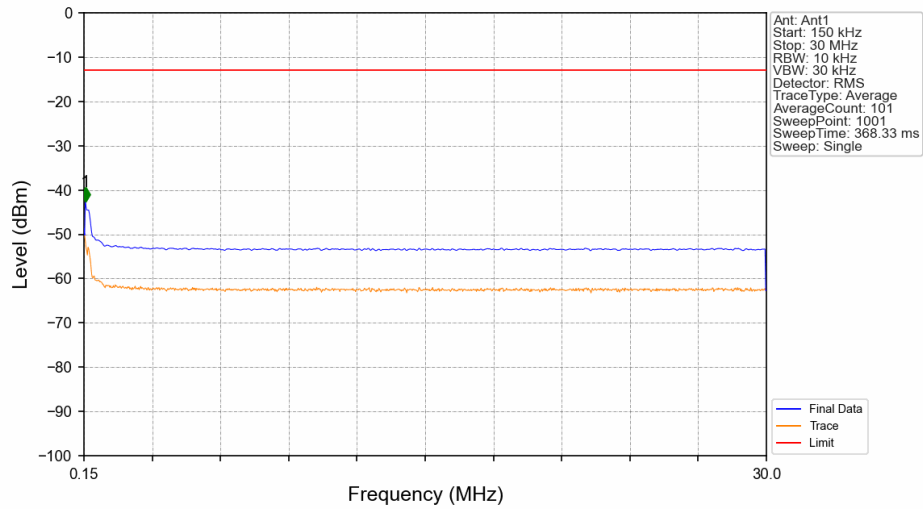


Band26b_881.5MHz_AWGN_SISO_Ant1_NTNV



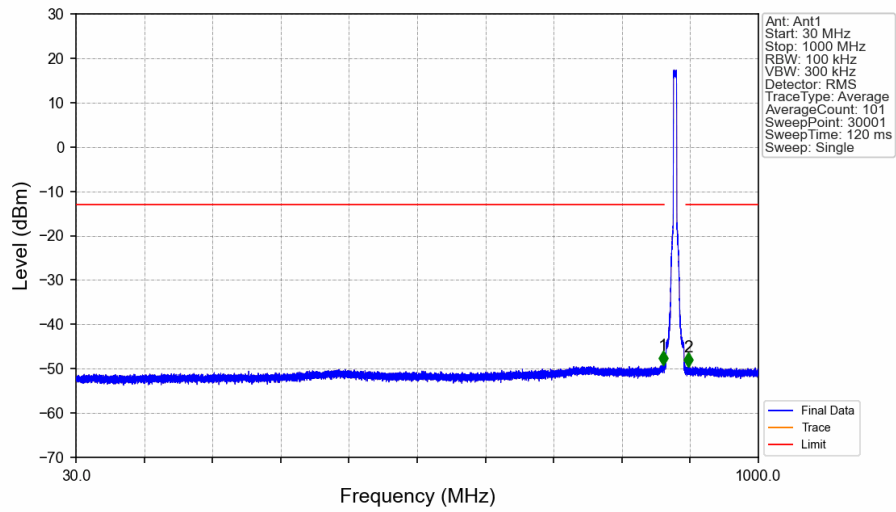
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	0.15	0.1	CHP	1	0.099	-38.25	-13	Pass

Band26b_881.5MHz_AWGN_SISO_Ant1_NTNV



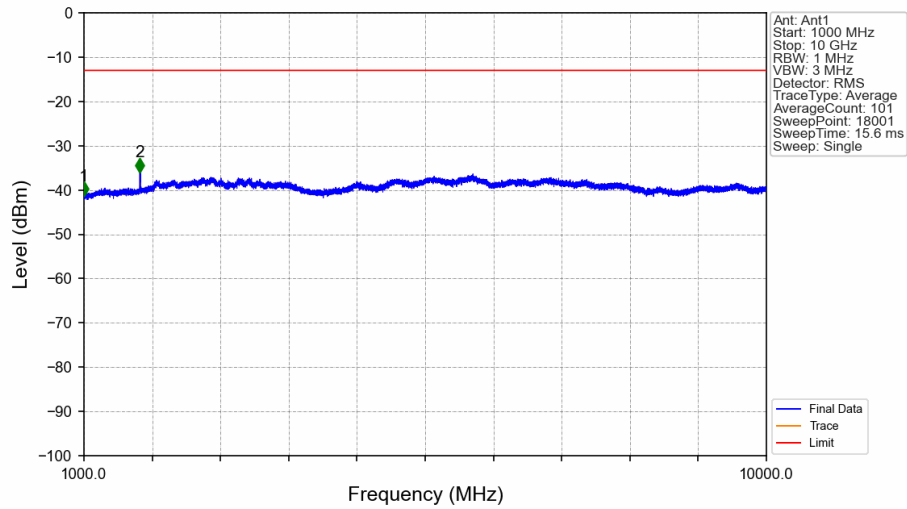
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.15	30	0.1	CHP	1	0.210	-42.55	-13	Pass

Band26b_881.5MHz_AWGN_SISO_Ant1_NTNV



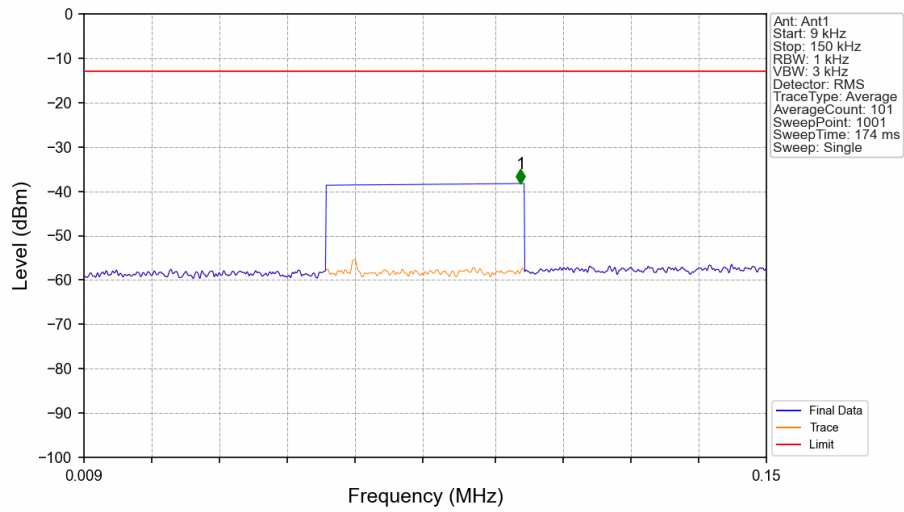
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	867.7	0.1	/	1	864.426	-49.15	-13	Pass
867.7	897.3	0.1	/	/	/	/	/	/
897.3	1000	0.1	/	2	899.896	-49.54	-13	Pass

Band26b_881.5MHz_AWGN_SISO_Ant1_NTNV

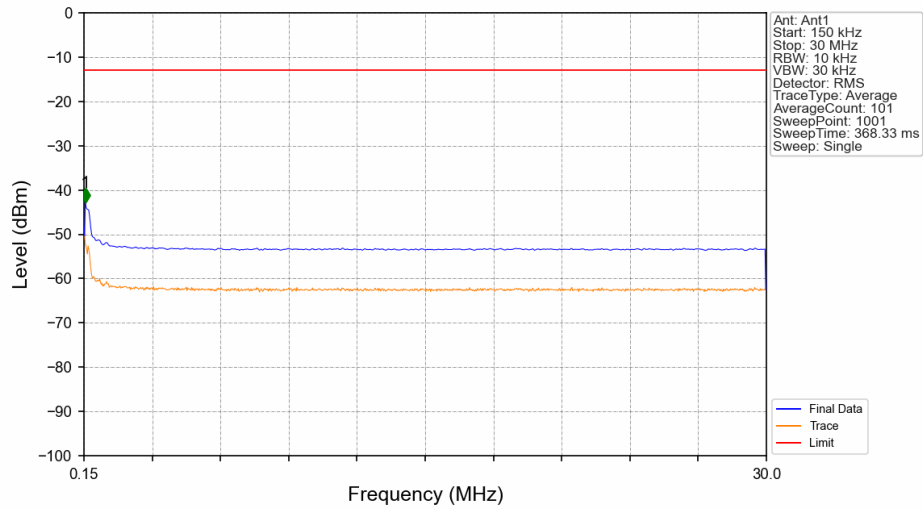


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-41.23	-13	Pass
1000	10000	1	/	2	1737.000	-35.92	-13	Pass

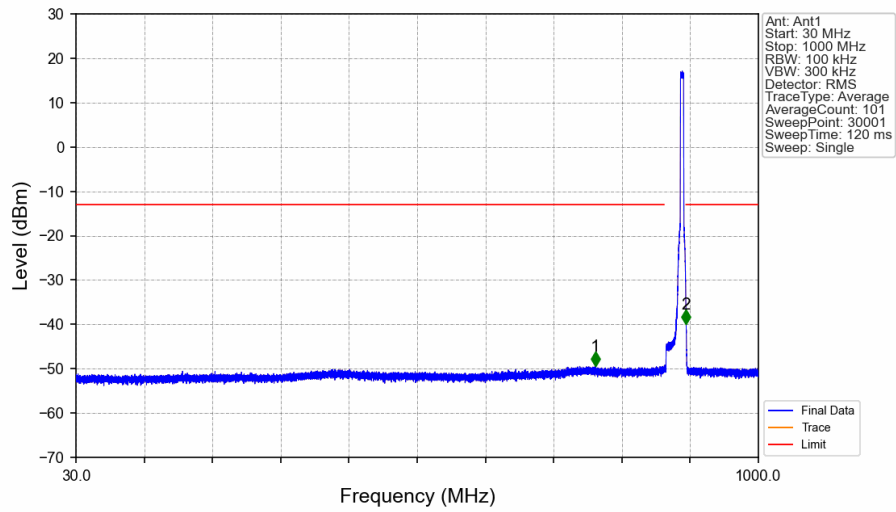
Band26b_891.5MHz_AWGN_SISO_Ant1_NTNV



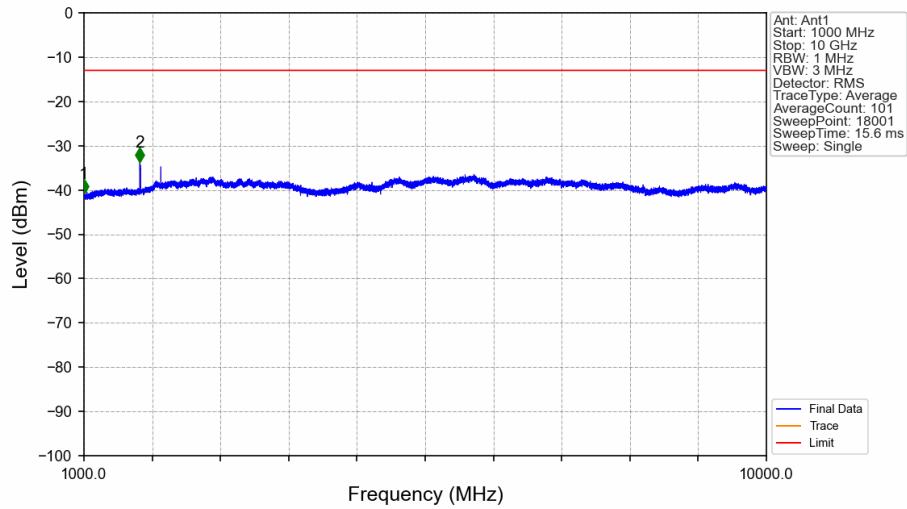
Band26b_891.5MHz_AWGN_SISO_Ant1_NTNV



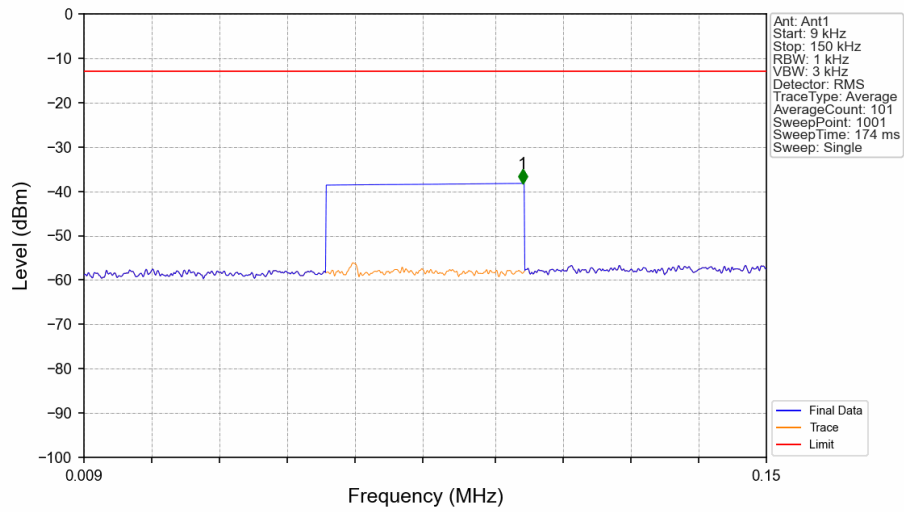
Band26b_891.5MHz_AWGN_SISO_Ant1_NTNV



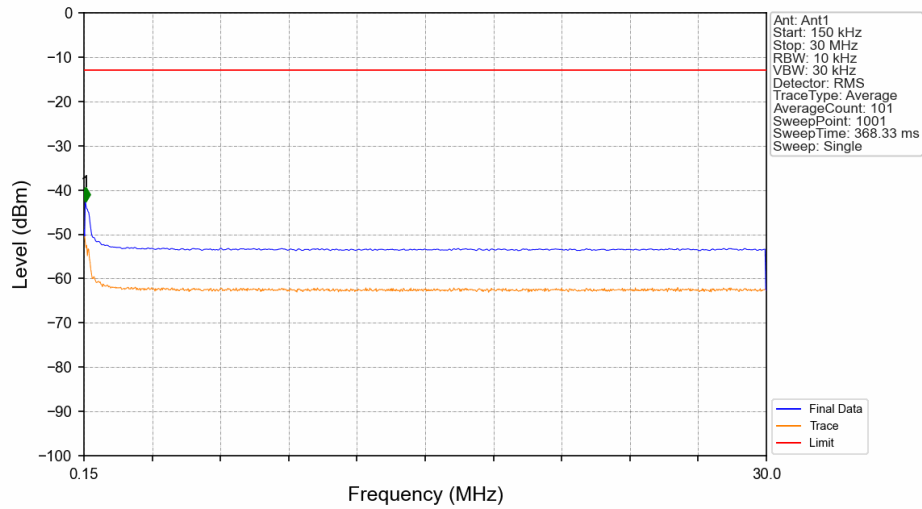
Band26b_891.5MHz_AWGN_SISO_Ant1_NTNV



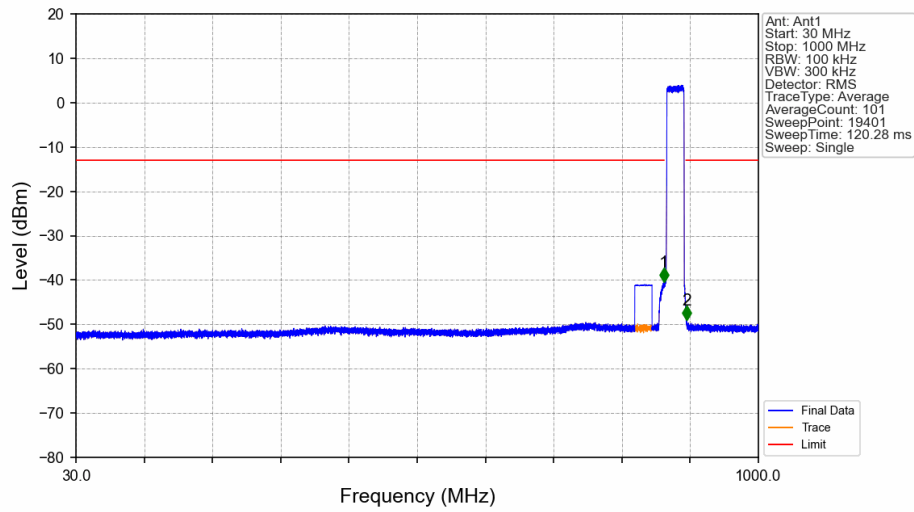
Band26b_919MHz_Broad100MHz_SISO_Ant1_NTNV



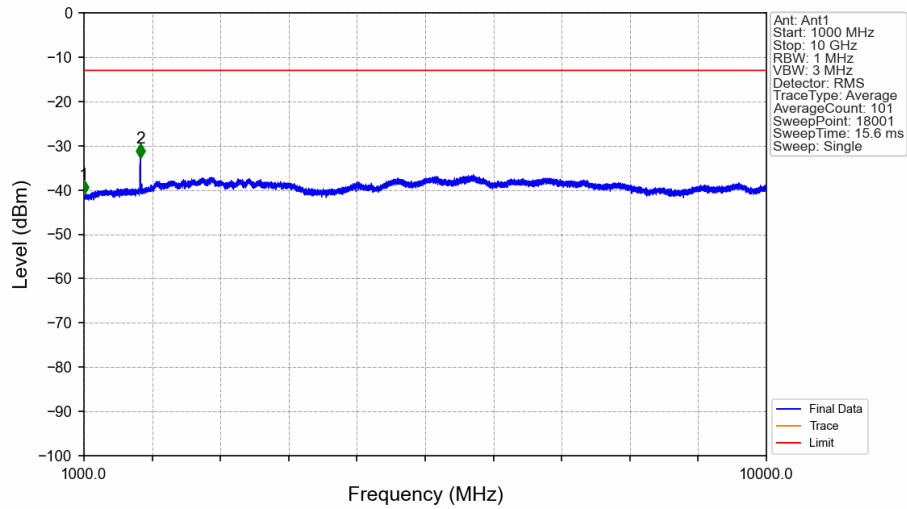
Band26b_919MHz_Broad100MHz_SISO_Ant1_NTNV



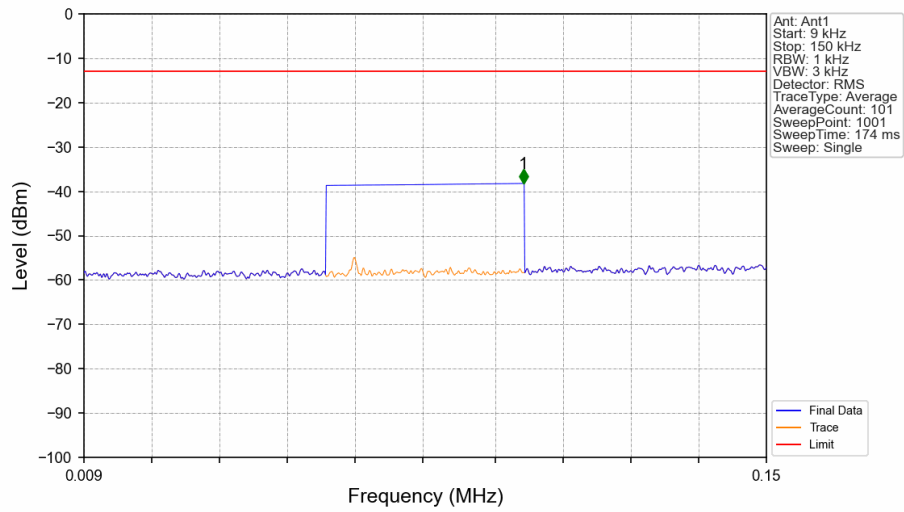
Band26b_919MHz_Broad100MHz_SISO_Ant1_NTNV



Band26b_919MHz_Broad100MHz_SISO_Ant1_NTNV

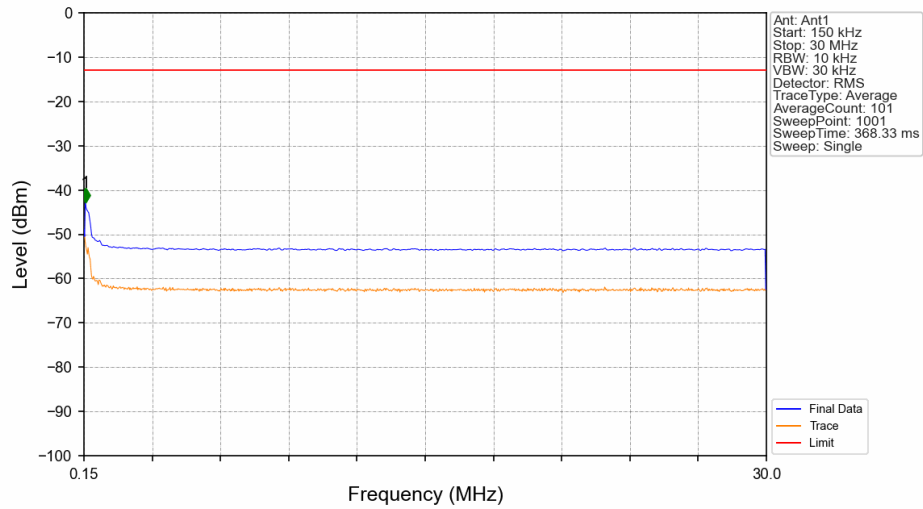


Band26b_881.5MHz_Broad100MHz_SISO_Ant1_NTNV



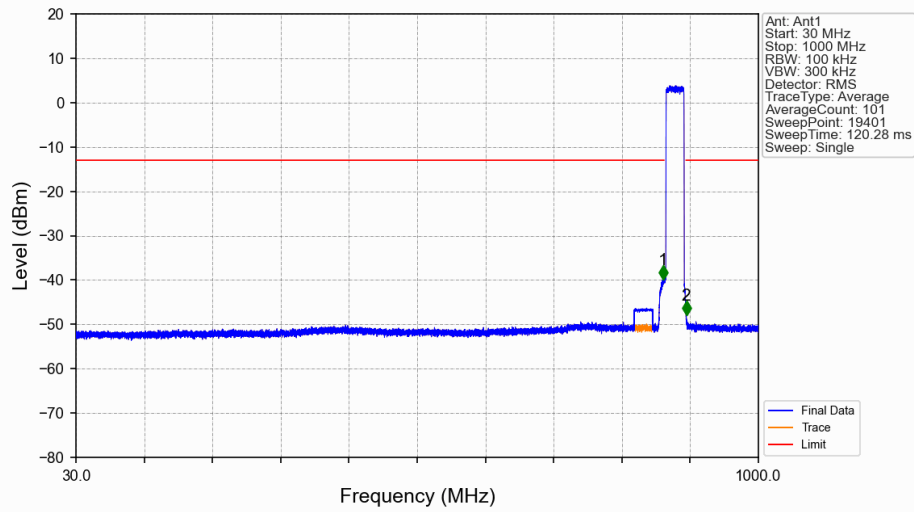
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	0.15	0.1	CHP	1	0.100	-38.22	-13	Pass

Band26b_881.5MHz_Broad100MHz_SISO_Ant1_NTNV

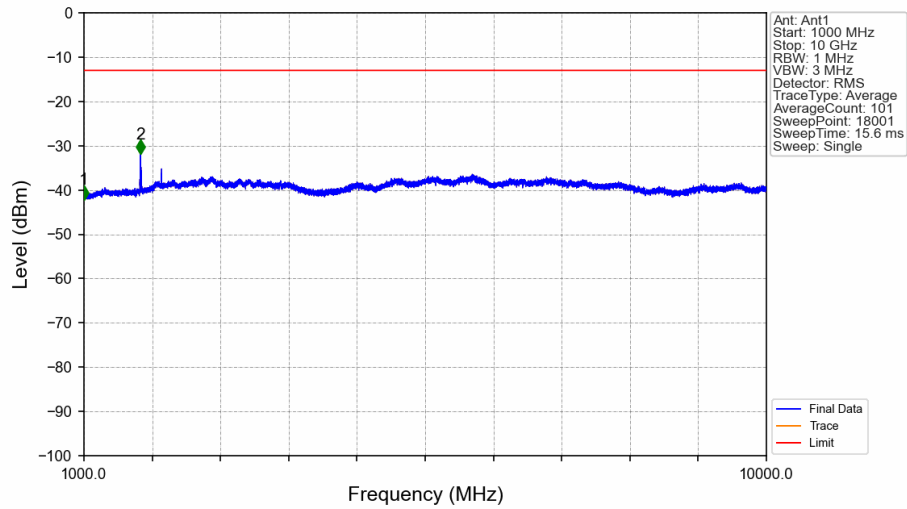


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.15	30	0.1	CHP	1	0.210	-42.79	-13	Pass

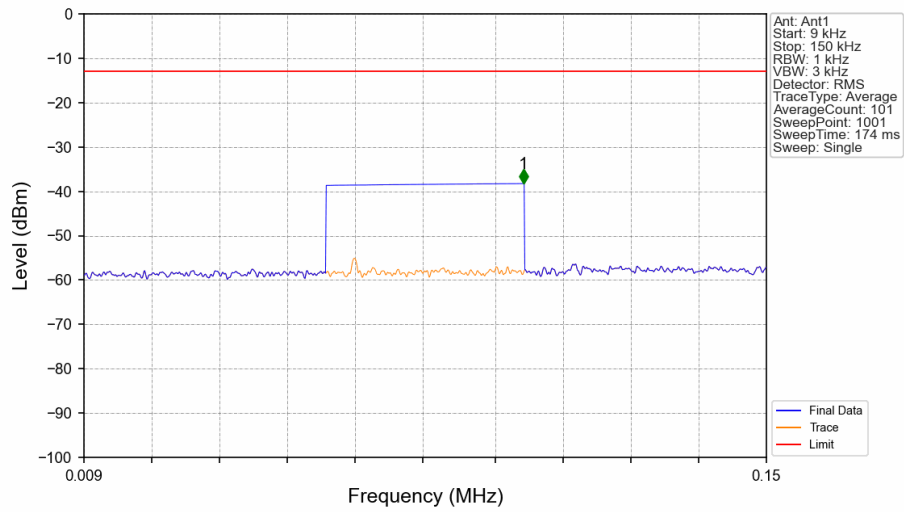
Band26b_881.5MHz_Broad100MHz_SISO_Ant1_NTNV



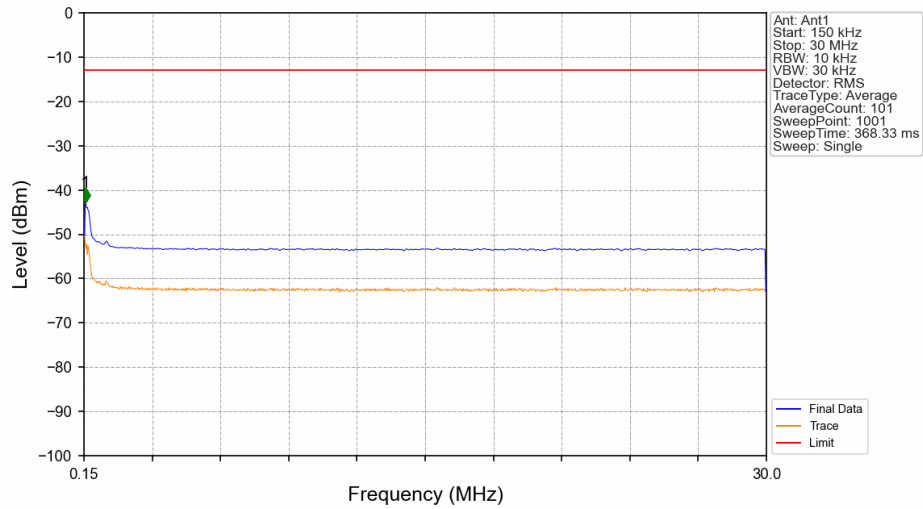
Band26b_881.5MHz_Broad100MHz_SISO_Ant1_NTNV



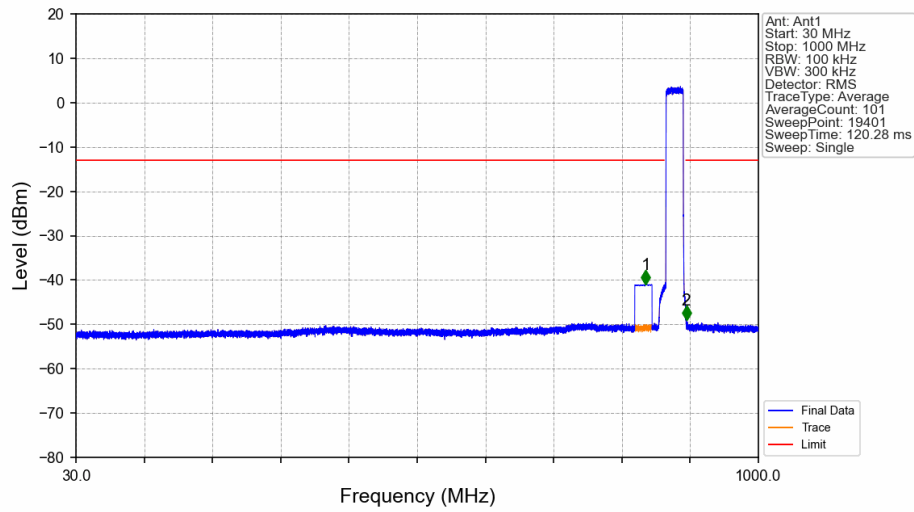
Band26b_844MHz_Broad100MHz_SISO_Ant1_NTNV



Band26b_844MHz_Broad100MHz_SISO_Ant1_NTNV

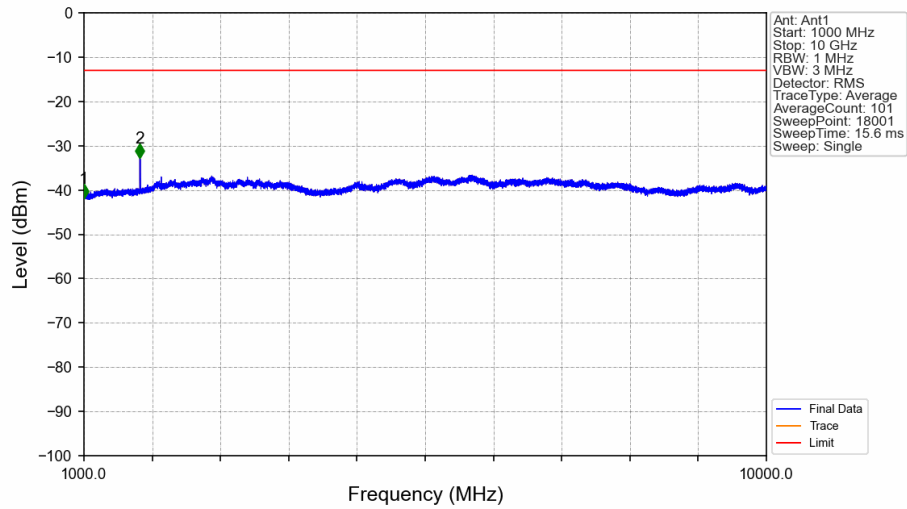


Band26b_844MHz_Broad100MHz_SISO_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	867.7	0.1	/	1	839.900	-40.88	-13	Pass
867.7	897.3	0.1	/	/	/	/	/	/
897.3	1000	0.1	/	2	897.500	-48.97	-13	Pass

Band26b_844MHz_Broad100MHz_SISO_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	1000	1	/	1	1000.000	-41.82	-13	Pass
1000	10000	1	/	2	1737.000	-32.77	-13	Pass

7. Frequency stability measurements

7.1 Test Result

7.1.1 Band26b_Ant1

Band: 26b / NTNV							
Signal			Temp (°C)	Voltage (VAC)	Freq. Error (Hz)	Tolerance (ppm)	Verdict
Type	Level (dBm)	Frequency (MHz)					
CW	-0.3	869.1	20	102	12	0.0138	Pass
				120	10	0.0115	Pass
				138	8	0.0092	Pass
			-40	120	9	0.0103	Pass
			-30	120	5	0.0058	Pass
			-20	120	6	0.0069	Pass
			-10	120	7	0.0081	Pass
			0	120	10	0.0115	Pass
			10	120	6	0.0069	Pass
			30	120	11	0.0127	Pass
			40	120	13	0.0150	Pass
			50	120	15	0.0173	Pass
			55	120	13	0.0150	Pass
		881.5	20	102	12	0.0136	Pass
				120	9	0.0102	Pass
				138	6	0.0068	Pass
			-40	120	12	0.0136	Pass
			-30	120	13	0.0147	Pass
			-20	120	10	0.0113	Pass
			-10	120	12	0.0136	Pass
			0	120	8	0.0090	Pass
			10	120	7	0.0079	Pass
			30	120	6	0.0068	Pass
			40	120	7	0.0079	Pass
			50	120	6	0.0068	Pass
			55	120	11	0.0125	Pass
		893.9	20	102	13	0.0145	Pass
				120	11	0.0123	Pass
				138	10	0.0112	Pass
			-40	120	6	0.0067	Pass
			-30	120	7	0.0078	Pass
			-20	120	6	0.0067	Pass
			-10	120	7	0.0078	Pass
			0	120	9	0.0100	Pass
			10	120	11	0.0123	Pass
			30	120	13	0.0145	Pass
			40	120	15	0.0167	Pass
			50	120	14	0.0157	Pass
			55	120	9	0.0101	Pass

8. Radiated Spurious Emissions

8.1 Band26b_Ant1

8.1.1 Test Result

GMSK 869.2MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
115.314	Horizontal	-68.28	-13	-55.28	Pass
410.342	Horizontal	-68.61	-13	-55.61	Pass
775.045	Horizontal	-70.17	-13	-57.17	Pass
2175.600	Horizontal	-64.89	-13	-51.89	Pass
4010.310	Horizontal	-62.62	-13	-49.62	Pass
6010.210	Horizontal	-69.58	-13	-56.58	Pass
119.964	Vertical	-63.45	-13	-50.45	Pass
411.322	Vertical	-70.97	-13	-57.97	Pass
817.035	Vertical	-64.66	-13	-51.66	Pass
2191.230	Vertical	-62.73	-13	-49.73	Pass
3982.520	Vertical	-58.81	-13	-45.81	Pass
6013.020	Vertical	-66.83	-13	-53.83	Pass

GMSK 881.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
83.364	Horizontal	-63.24	-13	-50.24	Pass
383.042	Horizontal	-66.67	-13	-53.67	Pass
778.435	Horizontal	-67.70	-13	-54.70	Pass
2175.210	Horizontal	-62.72	-13	-49.72	Pass
3980.550	Horizontal	-59.05	-13	-46.05	Pass
6010.040	Horizontal	-66.06	-13	-53.06	Pass
109.994	Vertical	-65.26	-13	-52.26	Pass
401.292	Vertical	-64.90	-13	-51.90	Pass
803.485	Vertical	-67.54	-13	-54.54	Pass
2177.780	Vertical	-64.66	-13	-51.66	Pass
3995.470	Vertical	-65.93	-13	-52.93	Pass
6004.360	Vertical	-66.69	-13	-53.69	Pass

GMSK 893.8MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
117.724	Horizontal	-67.53	-13	-54.53	Pass
370.872	Horizontal	-70.74	-13	-57.74	Pass
807.295	Horizontal	-66.25	-13	-53.25	Pass
2216.980	Horizontal	-61.96	-13	-48.96	Pass
4009.160	Horizontal	-64.86	-13	-51.86	Pass
5976.770	Horizontal	-63.29	-13	-50.29	Pass
124.284	Vertical	-63.58	-13	-50.58	Pass
411.152	Vertical	-70.20	-13	-57.20	Pass
813.305	Vertical	-65.93	-13	-52.93	Pass
2224.080	Vertical	-62.38	-13	-49.38	Pass
4020.700	Vertical	-59.06	-13	-46.06	Pass
5983.400	Vertical	-64.34	-13	-51.34	Pass

AWGN 871.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
92.604	Horizontal	-64.64	-13	-51.64	Pass
377.952	Horizontal	-64.42	-13	-51.42	Pass
792.385	Horizontal	-63.39	-13	-50.39	Pass
2224.060	Horizontal	-66.54	-13	-53.54	Pass
3984.190	Horizontal	-58.71	-13	-45.71	Pass
6005.400	Horizontal	-69.17	-13	-56.17	Pass
97.664	Vertical	-62.22	-13	-49.22	Pass
392.852	Vertical	-66.21	-13	-53.21	Pass
804.665	Vertical	-65.27	-13	-52.27	Pass
2212.460	Vertical	-67.05	-13	-54.05	Pass
4022.660	Vertical	-63.50	-13	-50.50	Pass
6007.180	Vertical	-65.30	-13	-52.30	Pass

AWGN 881.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
83.584	Horizontal	-66.14	-13	-53.14	Pass
385.382	Horizontal	-69.18	-13	-56.18	Pass
815.085	Horizontal	-70.53	-13	-57.53	Pass
2214.190	Horizontal	-68.20	-13	-55.20	Pass
4013.960	Horizontal	-59.20	-13	-46.20	Pass
5989.890	Horizontal	-66.41	-13	-53.41	Pass
79.034	Vertical	-64.52	-13	-51.52	Pass
398.292	Vertical	-64.36	-13	-51.36	Pass
792.515	Vertical	-63.67	-13	-50.67	Pass
2179.130	Vertical	-62.31	-13	-49.31	Pass
3993.610	Vertical	-61.21	-13	-48.21	Pass
6013.490	Vertical	-64.82	-13	-51.82	Pass

AWGN 891.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
120.504	Horizontal	-63.25	-13	-50.25	Pass
382.762	Horizontal	-64.84	-13	-51.84	Pass
817.585	Horizontal	-68.18	-13	-55.18	Pass
2194.370	Horizontal	-65.96	-13	-52.96	Pass
4014.150	Horizontal	-62.07	-13	-49.07	Pass
6009.780	Horizontal	-63.47	-13	-50.47	Pass
83.574	Vertical	-64.10	-13	-51.10	Pass
376.052	Vertical	-69.61	-13	-56.61	Pass
797.985	Vertical	-66.92	-13	-53.92	Pass
2193.310	Vertical	-67.25	-13	-54.25	Pass
4019.580	Vertical	-59.56	-13	-46.56	Pass
6009.130	Vertical	-66.28	-13	-53.28	Pass

100M 871.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
125.704	Horizontal	-61.94	-13	-48.94	Pass
374.572	Horizontal	-67.99	-13	-54.99	Pass
814.835	Horizontal	-66.29	-13	-53.29	Pass
2202.490	Horizontal	-67.38	-13	-54.38	Pass
4013.780	Horizontal	-58.81	-13	-45.81	Pass
5980.030	Horizontal	-69.87	-13	-56.87	Pass
76.764	Vertical	-62.01	-13	-49.01	Pass
366.862	Vertical	-64.54	-13	-51.54	Pass
813.865	Vertical	-67.39	-13	-54.39	Pass
2184.240	Vertical	-66.89	-13	-53.89	Pass
3977.720	Vertical	-59.57	-13	-46.57	Pass
5984.440	Vertical	-62.49	-13	-49.49	Pass

100M 881.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
83.464	Horizontal	-62.75	-13	-49.75	Pass
390.442	Horizontal	-65.89	-13	-52.89	Pass
791.735	Horizontal	-69.15	-13	-56.15	Pass
2201.790	Horizontal	-67.45	-13	-54.45	Pass
4001.700	Horizontal	-61.28	-13	-48.28	Pass
5998.250	Horizontal	-69.19	-13	-56.19	Pass
113.704	Vertical	-62.49	-13	-49.49	Pass
391.632	Vertical	-64.34	-13	-51.34	Pass
792.605	Vertical	-69.76	-13	-56.76	Pass
2192.770	Vertical	-65.13	-13	-52.13	Pass
3984.770	Vertical	-59.00	-13	-46.00	Pass
5996.530	Vertical	-68.69	-13	-55.69	Pass

100M 891.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
90.224	Horizontal	-64.59	-13	-51.59	Pass
387.642	Horizontal	-63.81	-13	-50.81	Pass
805.045	Horizontal	-67.20	-13	-54.20	Pass
2187.440	Horizontal	-60.69	-13	-47.69	Pass
4002.520	Horizontal	-60.66	-13	-47.66	Pass
5978.650	Horizontal	-67.53	-13	-54.53	Pass
108.564	Vertical	-64.26	-13	-51.26	Pass
410.472	Vertical	-70.64	-13	-57.64	Pass
800.225	Vertical	-63.92	-13	-50.92	Pass
2209.080	Vertical	-60.74	-13	-47.74	Pass
3984.410	Vertical	-59.06	-13	-46.06	Pass
6001.520	Vertical	-64.88	-13	-51.88	Pass