

Appendix H for KSCR2401000129AT-N77-DOD

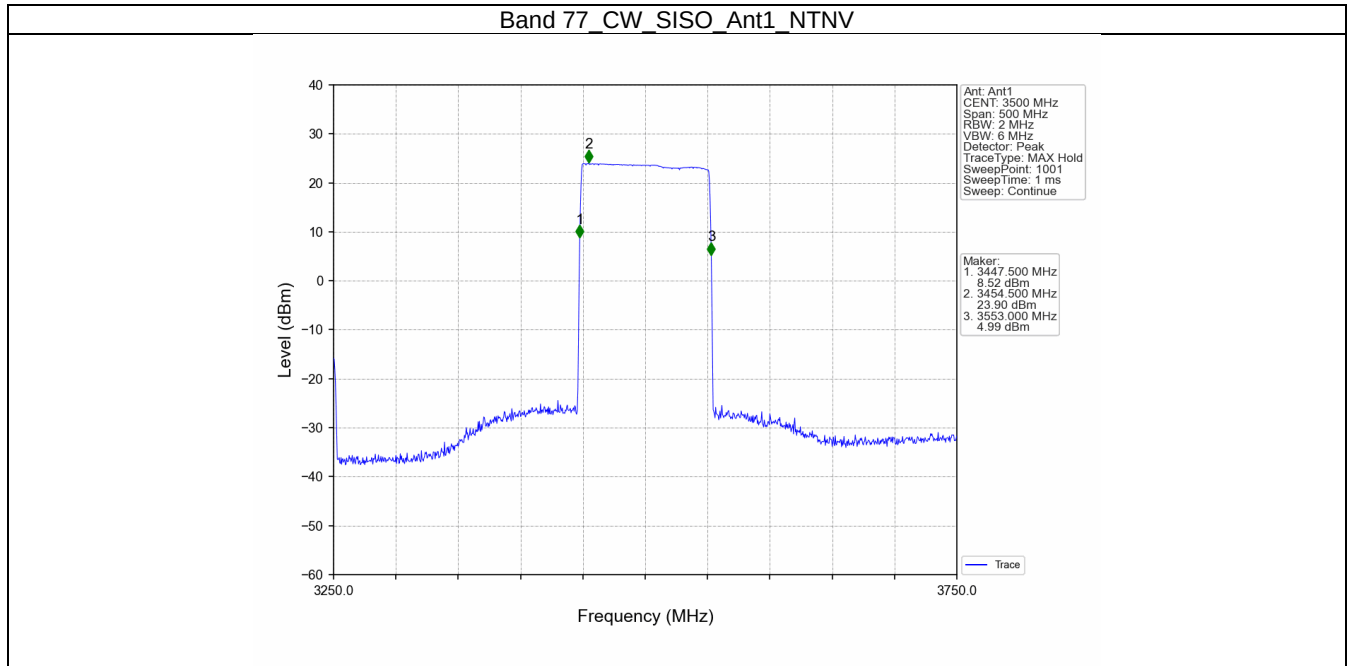
1. Out of band rejection

1.1 Band 77

1.1.1 Test Result

Band: 77 / NTNV							
Signal	Sweep Frequency Range (MHz)	TX Type	ANT	F0 (MHz)	FL (MHz)	FH (MHz)	Verdict
CW	3250 - 3750	SISO	1	3454.500	3447.500	3553.000	Pass

1.1.2 Test Graph



2. AGC threshold

2.1 Band 77

2.1.1 Test Result

Band:77 / NTNV					
Signal	Frequency (MHz)	TX Type	ANT	AGC Threshold (dBm)	Verdict
AWGN	3454.5	SISO	1	-4.00	Pass
GMSK	3454.5	SISO	1	-4.00	Pass

3. Input-versus-output signal comparison

3.1 Band 77_OBW

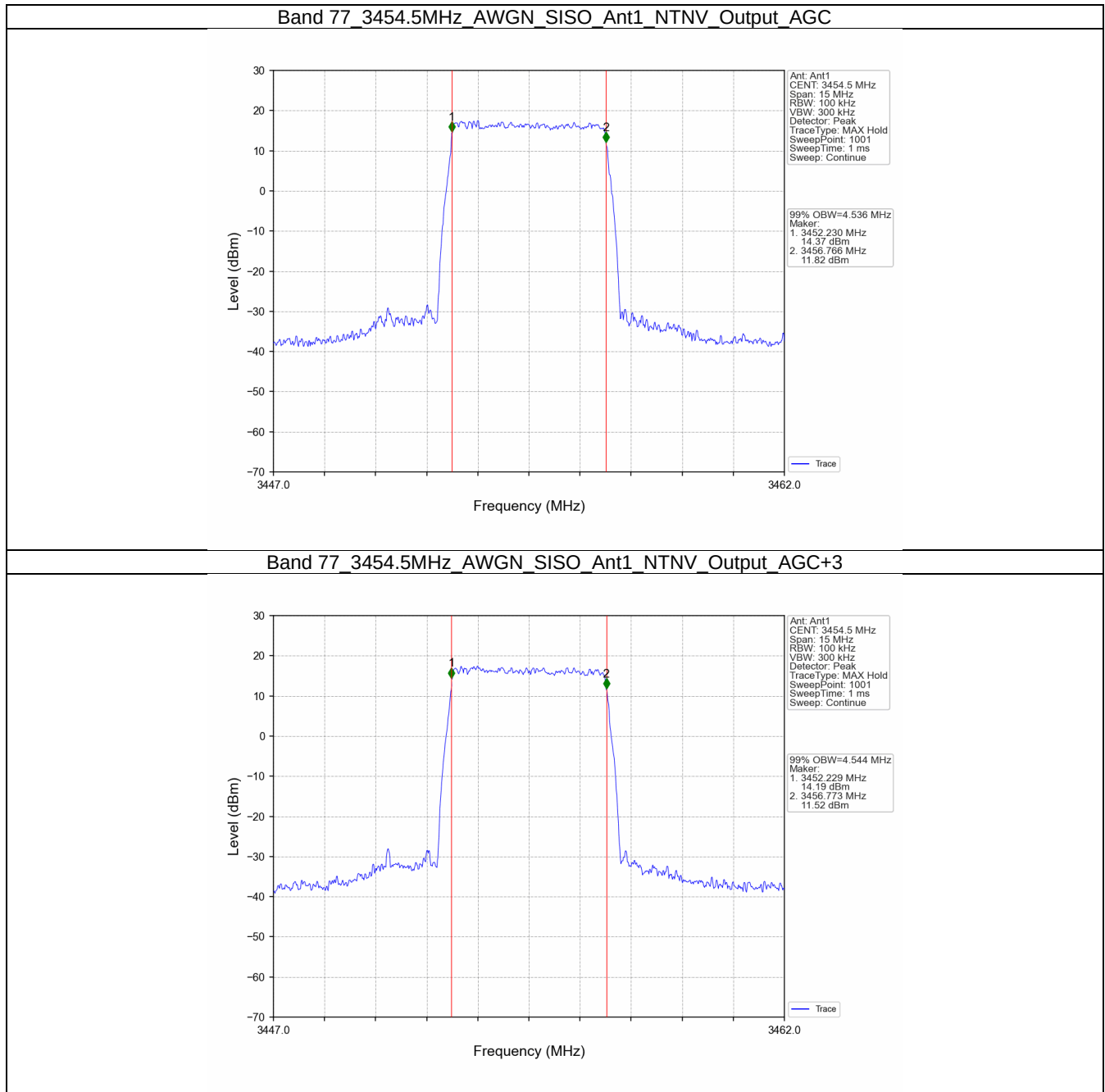
3.1.1 Test Result

Band:77 / NTNV									
Signal			TX Type	ANT	99% OBW (MHz)		Discrepancy (%)	Limit (%)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input			
AWGN	-1	3454.5	SISO	1	4.536	4.538	-0.044	5	Pass
	-4	3454.5	SISO	1	4.544	4.544	0.000	5	Pass
GMSK	-1	3454.5	SISO	1	0.245	0.245	0.000	5	Pass
	-4	3454.5	SISO	1	0.246	0.245	0.4082	5	Pass

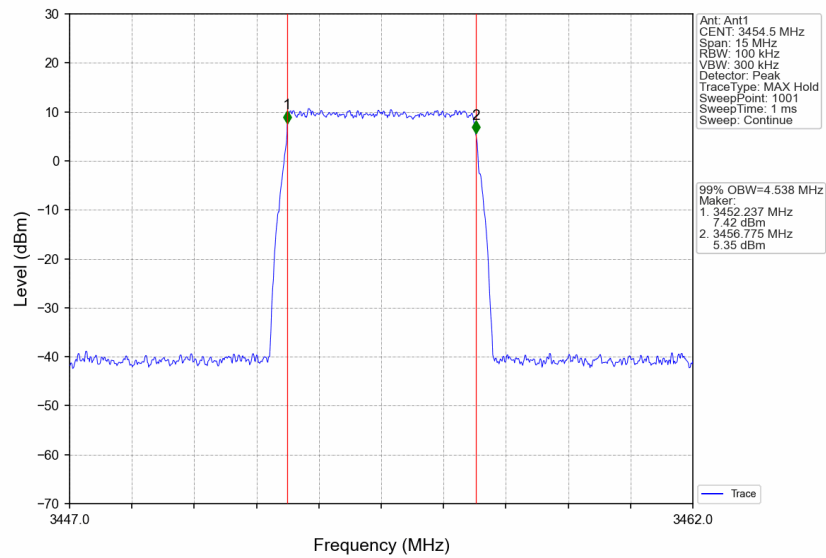
For 100MHz BW

Band:77 / NTNV									
Signal			TX Type	ANT	99% OBW (MHz)		Discrepancy (%)	Limit (%)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input			
AWGN	-1	3500	SISO	1	97.319	97.391	-0.0740	5	Pass
	-4	3500	SISO	1	97.325	97.464	-0.1430	5	Pass

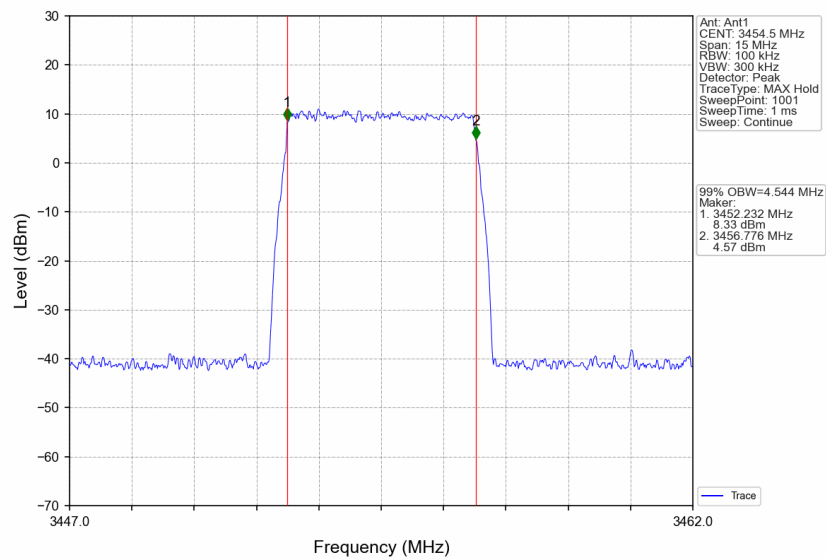
3.1.2 Test Graph



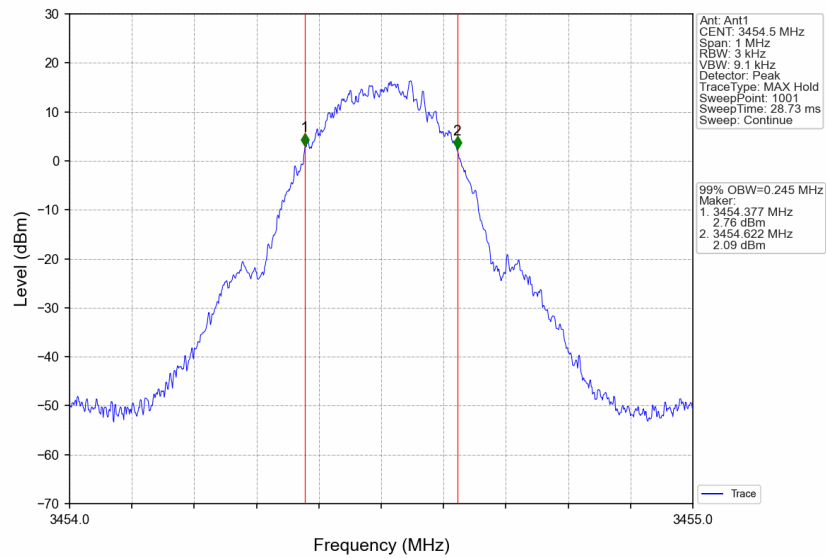
Band 77_3454.5MHz_AWGN_SISO_Ant1_NTNV_Input_AGC



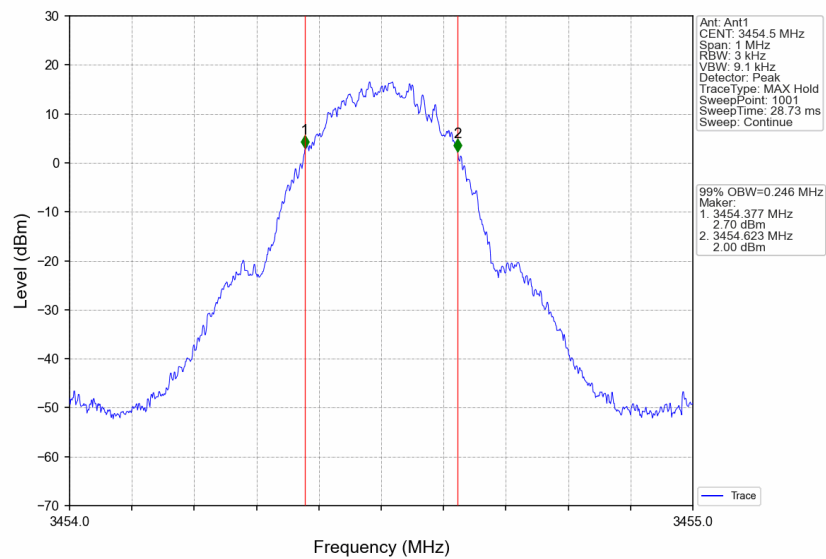
Band 77_3454.5MHz_AWGN_SISO_Ant1_NTNV_Input_AGC+3



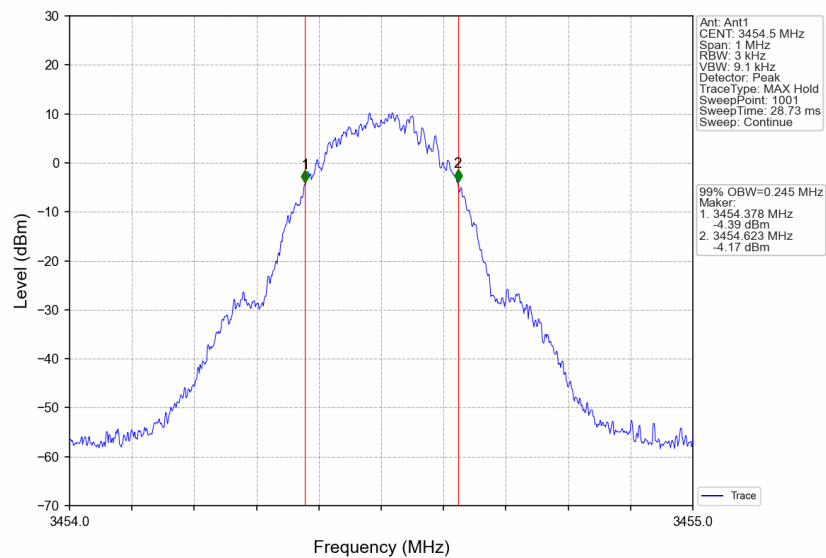
Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_Output_AGC



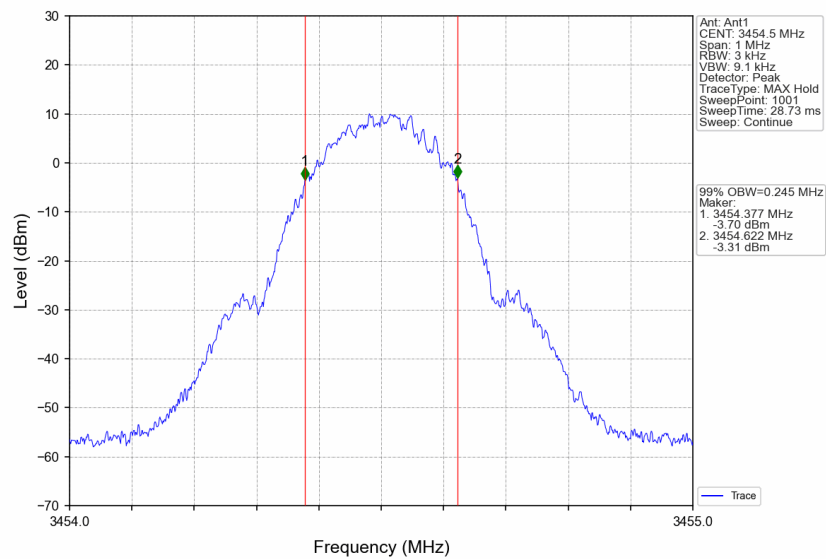
Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_Output_AGC+3



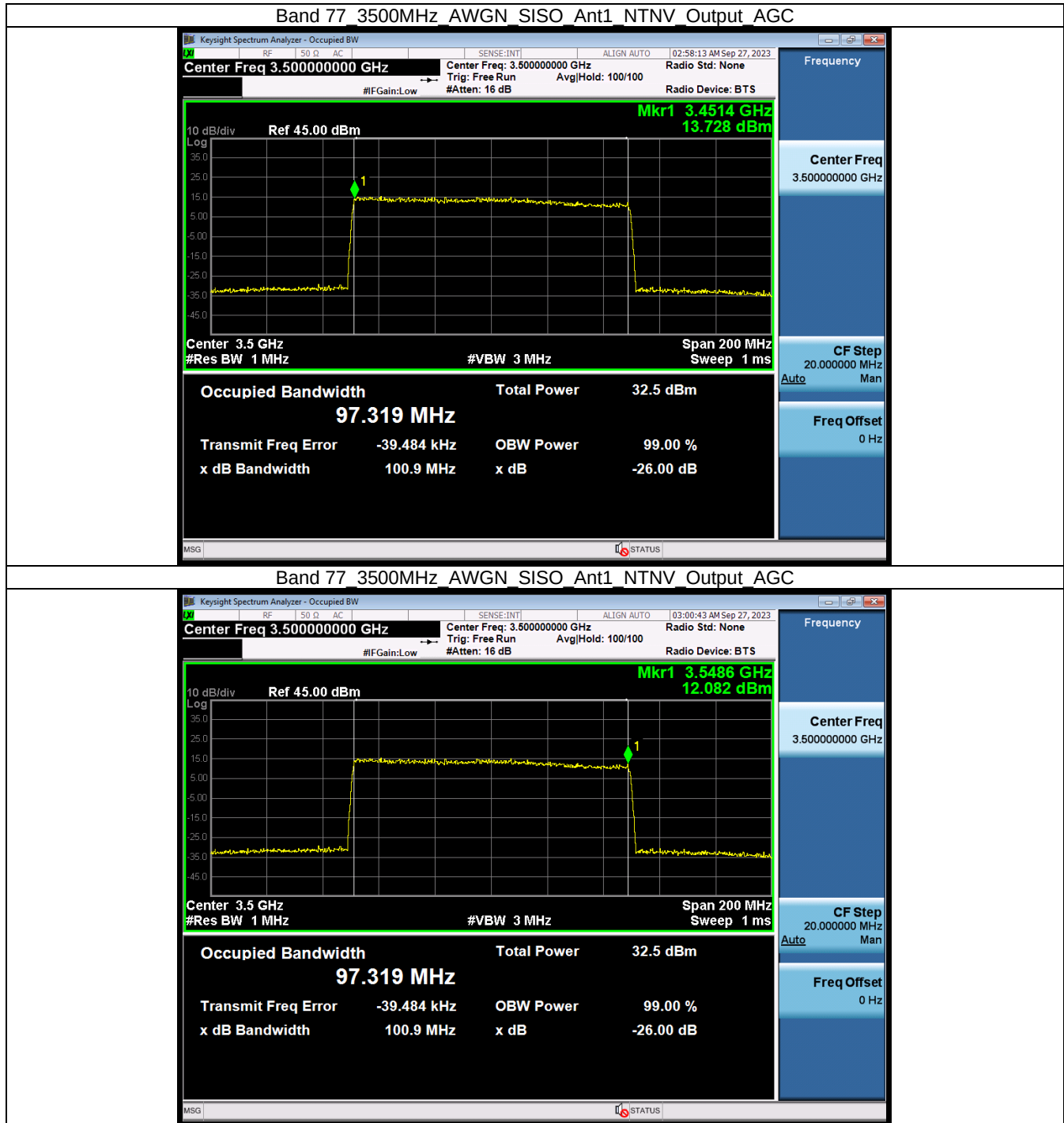
Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_Input_AGC



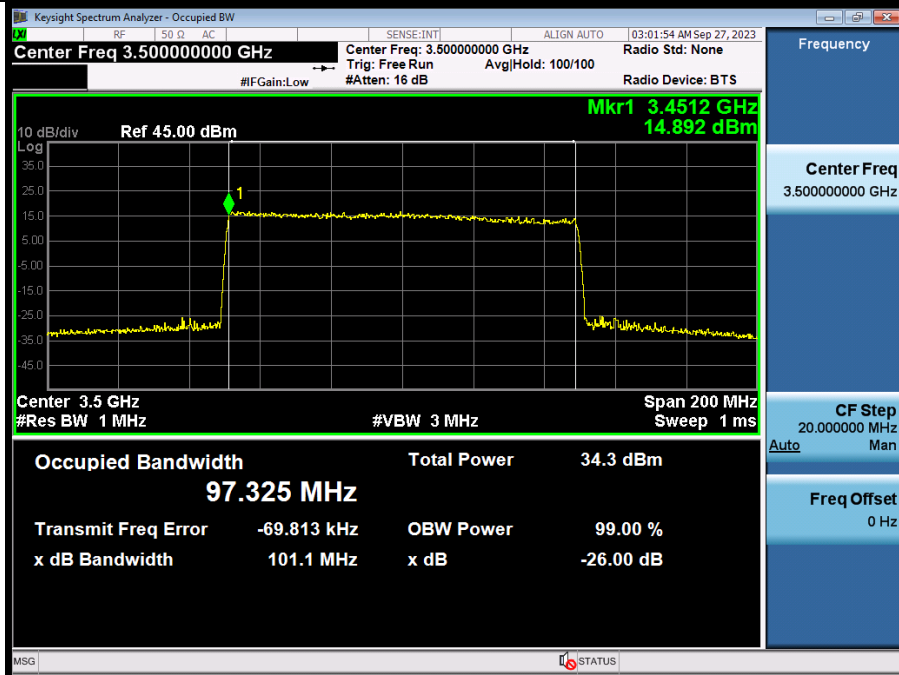
Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_Input_AGC+3



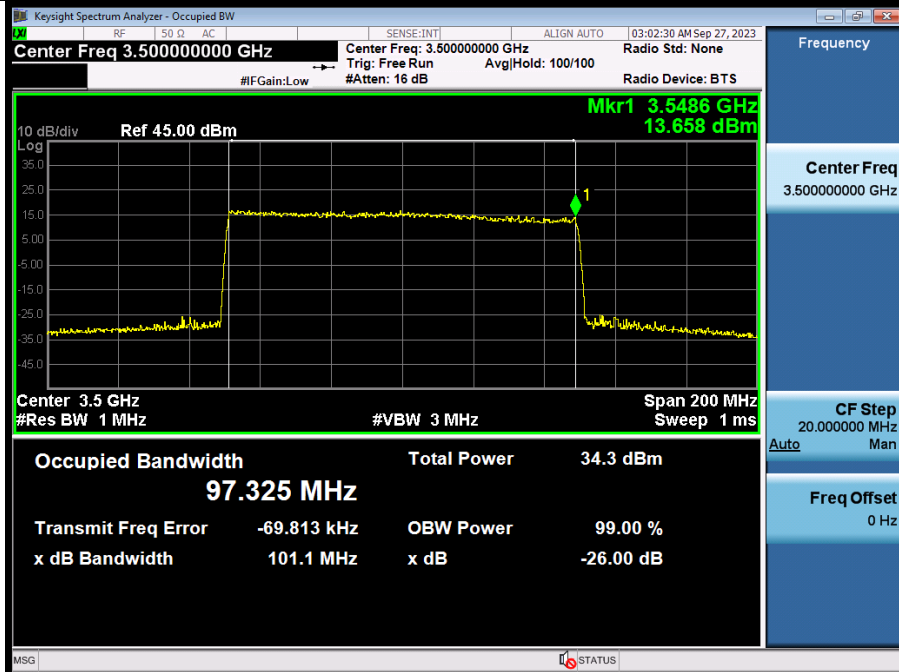
For 100MHz BW



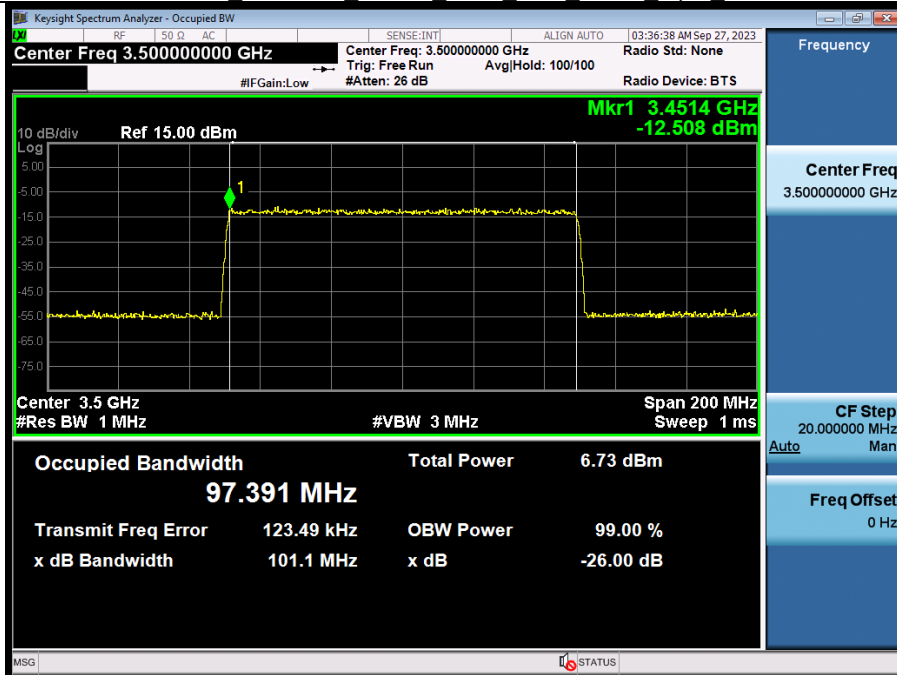
Band 77 3500MHz AWGN SISO Ant1 NTN Output AGC+3



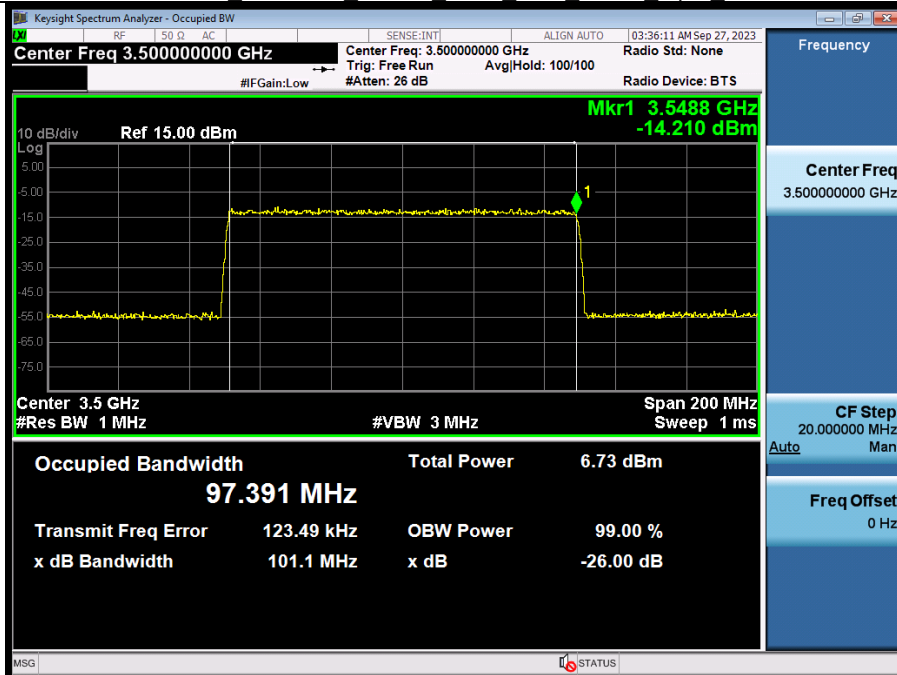
Band 77 3500MHz AWGN SISO Ant1 NTN Output AGC+3



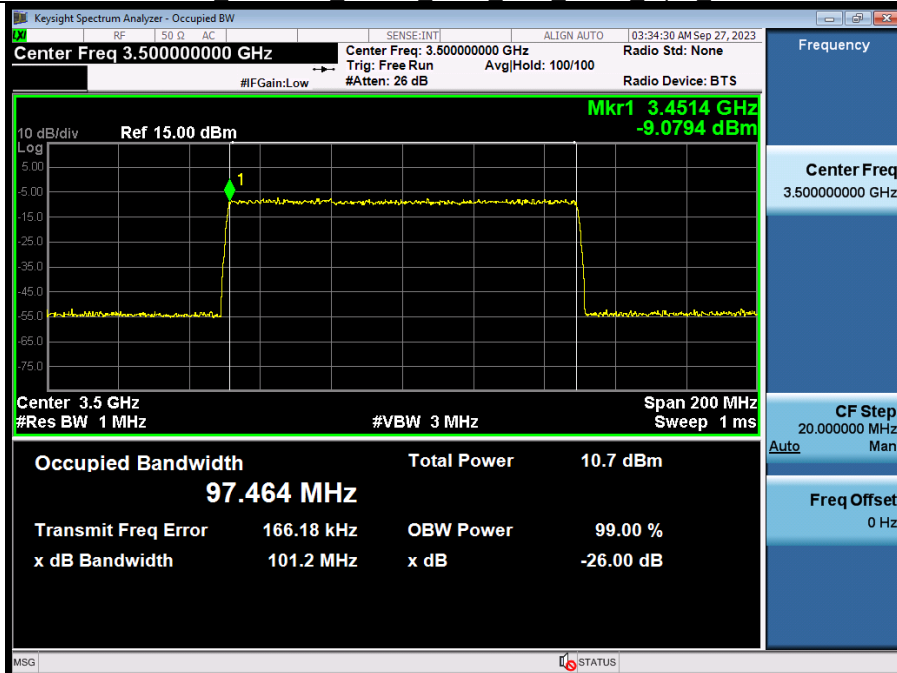
Band 77 3500MHz AWGN SISO Ant1 NTN Input AGC



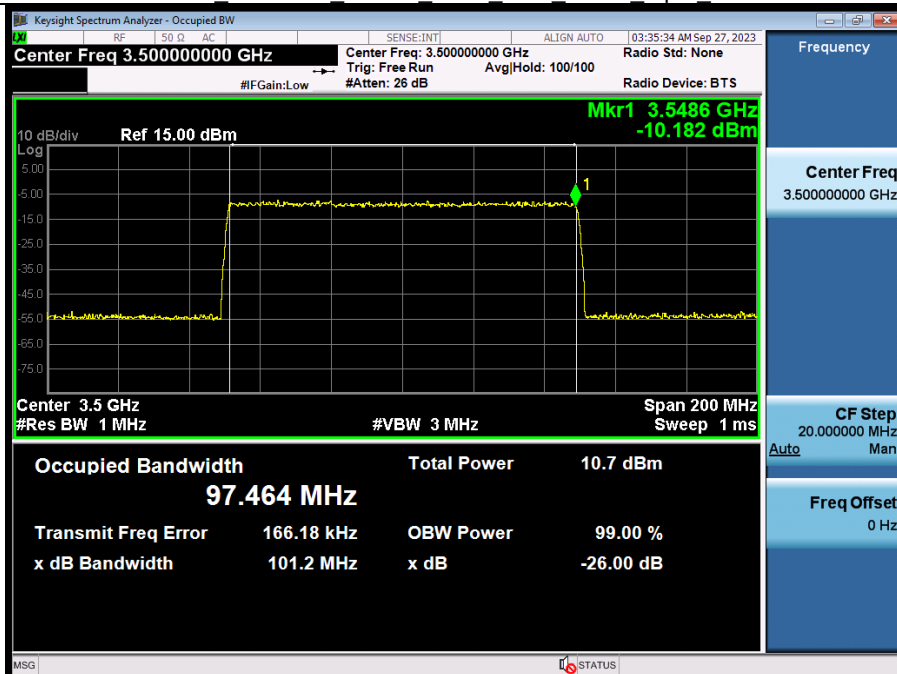
Band 77 3500MHz AWGN SISO Ant1 NTN Input AGC



Band 77 3500MHz AWGN SISO Ant1 NTVN Input AGC+3



Band 77 3500MHz AWGN SISO Ant1 NTVN Input AGC+3



3.2 Band 77_EBW

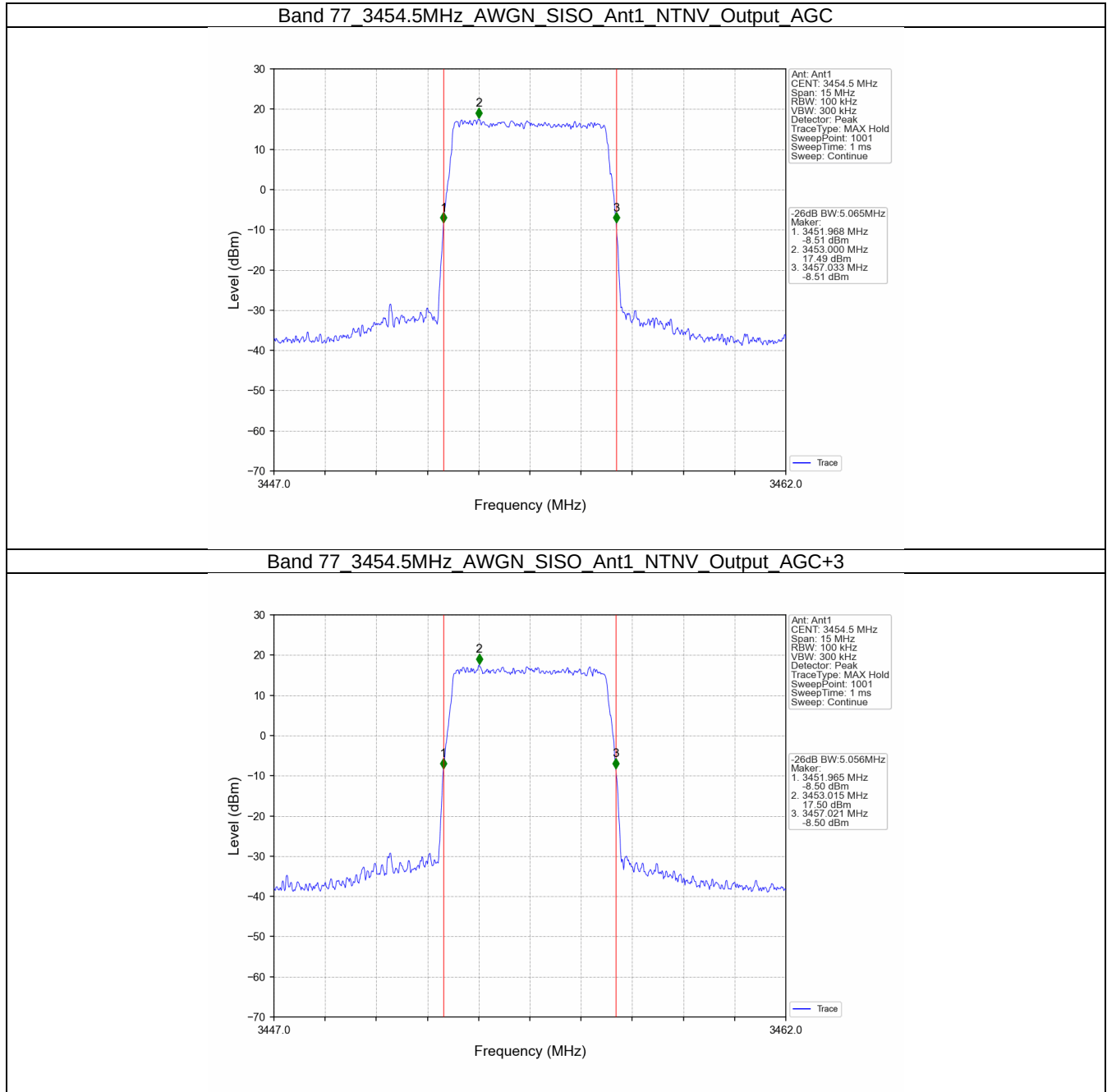
3.2.1 Test Result

Band:77 / NTNV									
Signal			TX Type	ANT	26dB EBW (MHz)		Discrepancy (%)	Limit (%)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input			
AWGN	-1	3454.5	SISO	1	5.065	5.055	0.1978	5	Pass
	-4	3454.5	SISO	1	5.056	5.057	-0.0200	5	Pass
GMSK	-1	3454.5	SISO	1	0.313	0.315	-0.6350	5	Pass
	-4	3454.5	SISO	1	0.316	0.315	0.3175	5	Pass

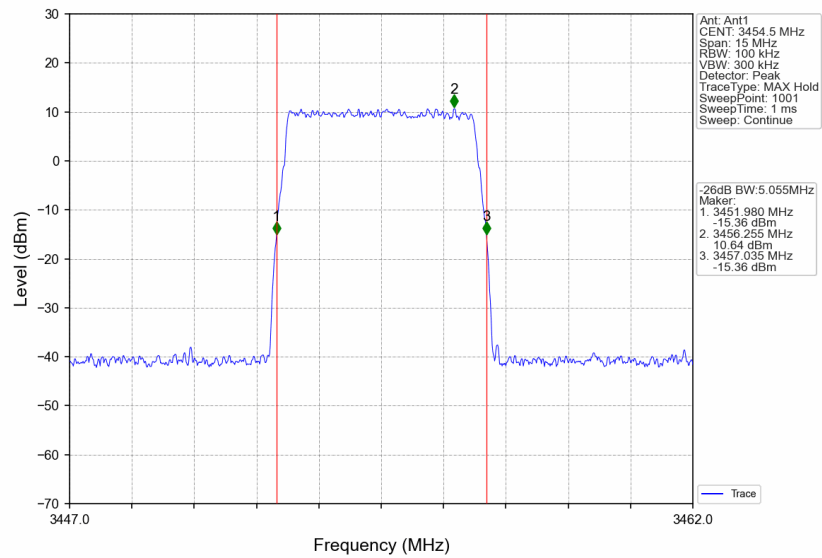
For 100MHz BW

Band:77 / NTNV									
Signal			TX Type	ANT	26dB EBW (MHz)		Discrepancy (%)	Limit (%)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input			
AWGN	-1	3500	SISO	1	102.10	100.76	1.3299	5	Pass
	-4	3500	SISO	1	101.98	100.94	1.0303	5	Pass

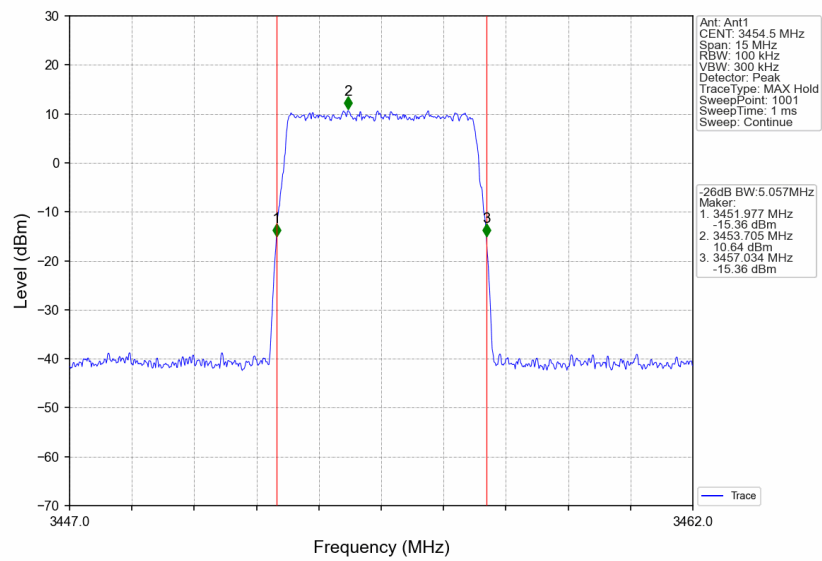
3.2.2 Test Graph



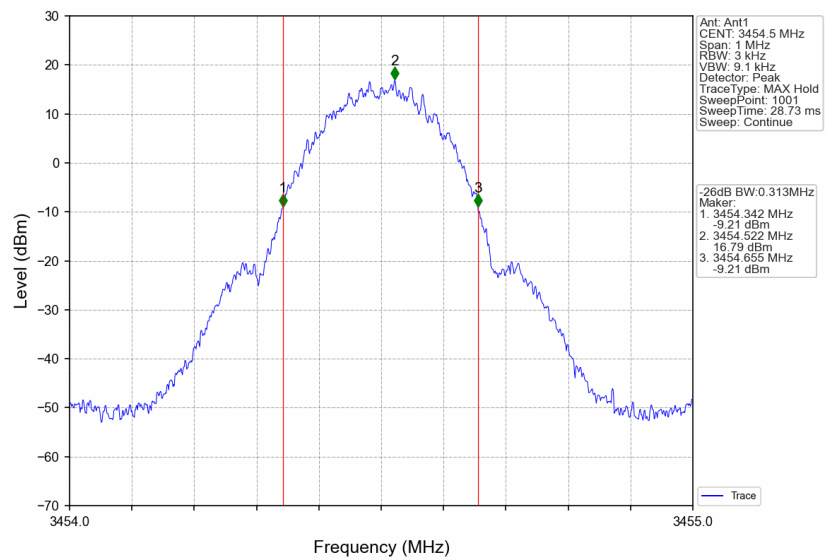
Band 77_3454.5MHz_AWGN_SISO_Ant1_NTNV_Input_AGC



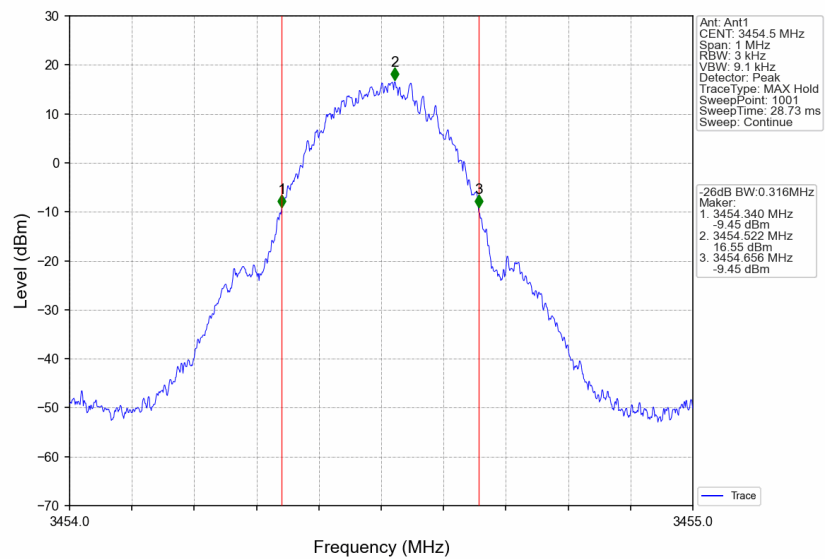
Band 77_3454.5MHz_AWGN_SISO_Ant1_NTNV_Input_AGC+3



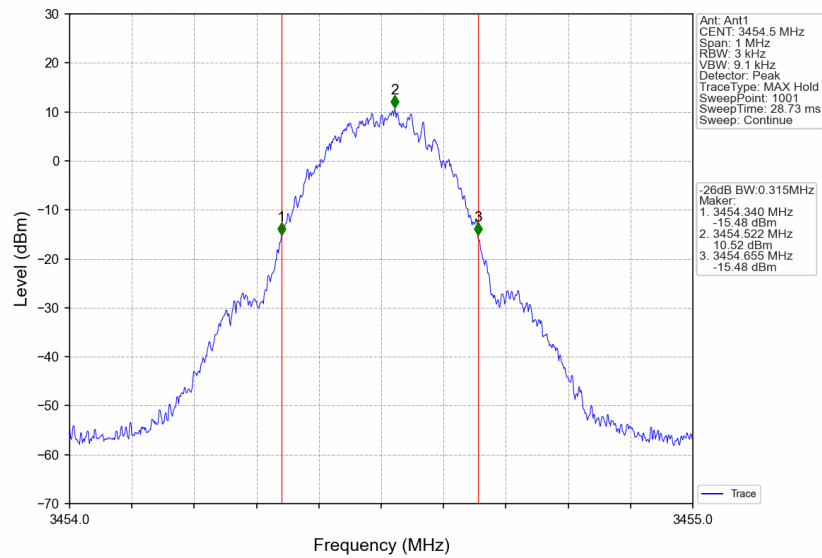
Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_Output_AGC



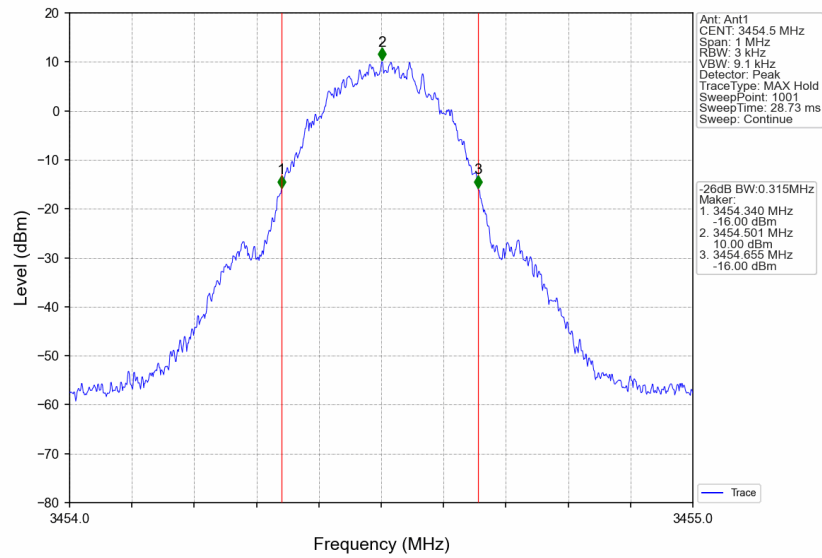
Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_Output_AGC+3



Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_Input_AGC

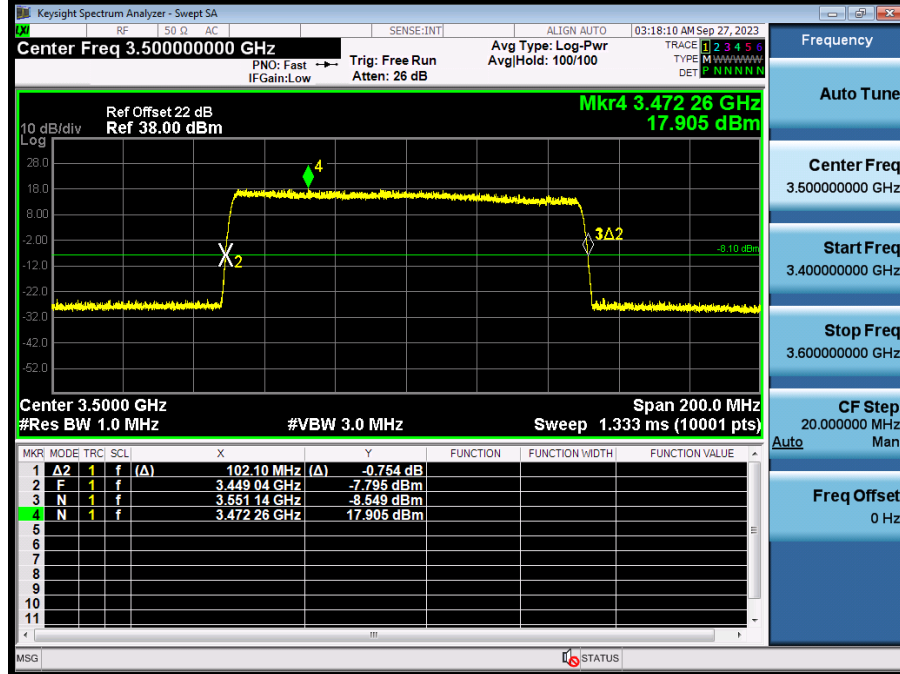


Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_Input_AGC+3

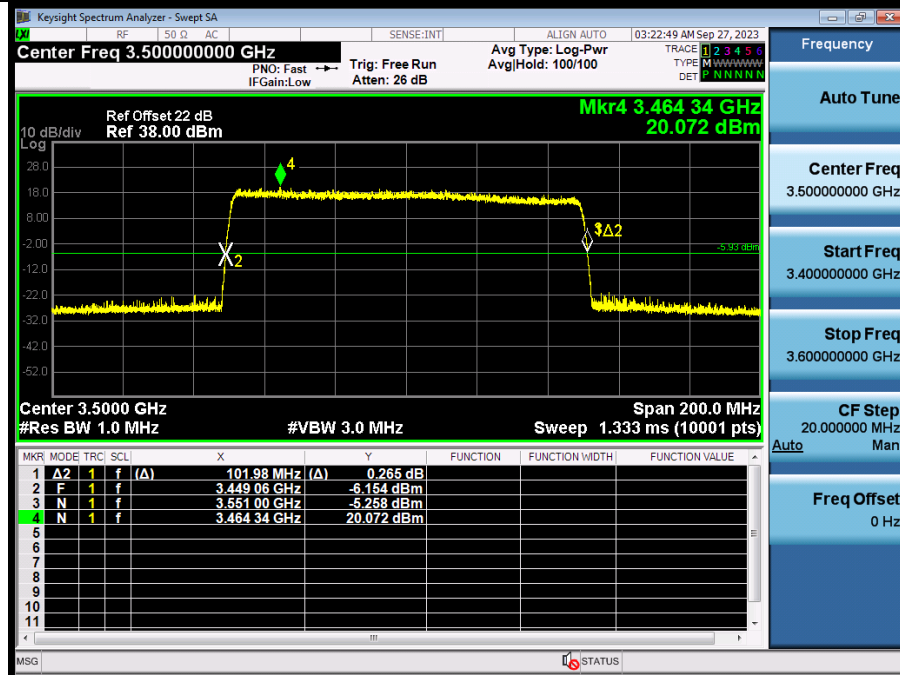


For 100MHz BW

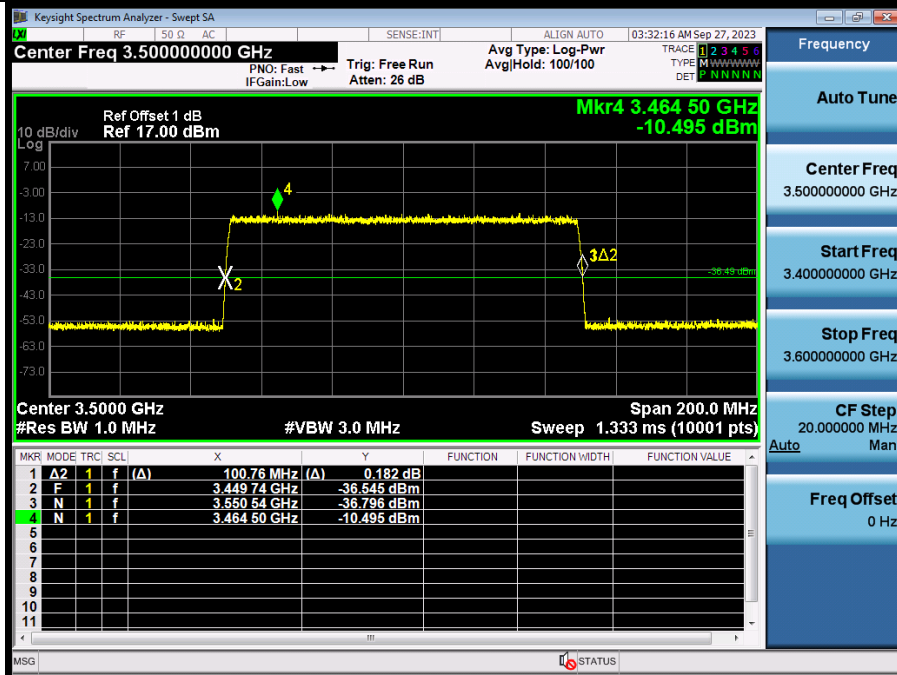
Band 77 3500MHz AWGN SISO Ant1 NTN Output AGC



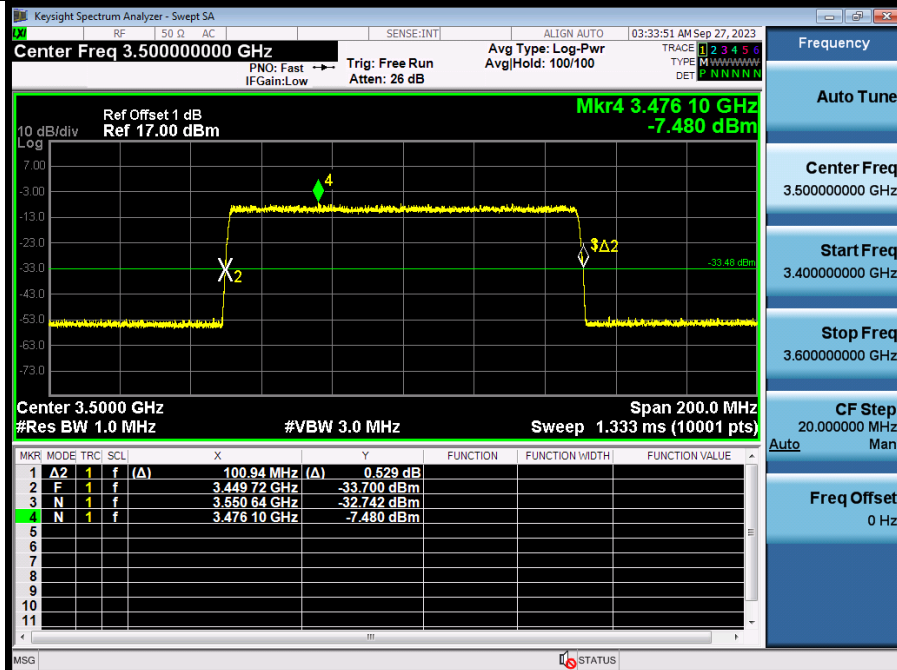
Band 77 3500MHz AWGN SISO Ant1 NTN Output AGC+3



Band 77 3500MHz AWGN SISO Ant1 NTN Input AGC



Band 77 3500MHz AWGN SISO Ant1 NTVN Input AGC+3



4. Input/output power and amplifier/booster gain

4.1 Band 77_EIRP

4.1.1 Test Result

Band:77 / NTNV											
Signal			TX Type	ANT	Conducted Power (dBm/MHz)		EIRP (dBm/MHz)		Booster Gain (dB)	Nominal gain (dB)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	Result	Limit			
AWGN	-4	3454.5	SISO	1	18.17	-10.14	20.17	<=62.15	28.30	27±2	Pass
	-1	3454.5	SISO	1	18.13	-7.30	20.13	<=62.15	/	/	Pass
GMSK	-4	3454.5	SISO	1	18.16	-10.24	20.16	<=62.15	28.41	27±2	Pass
	-1	3454.5	SISO	1	18.02	-7.38	20.02	<=62.15	/	/	Pass

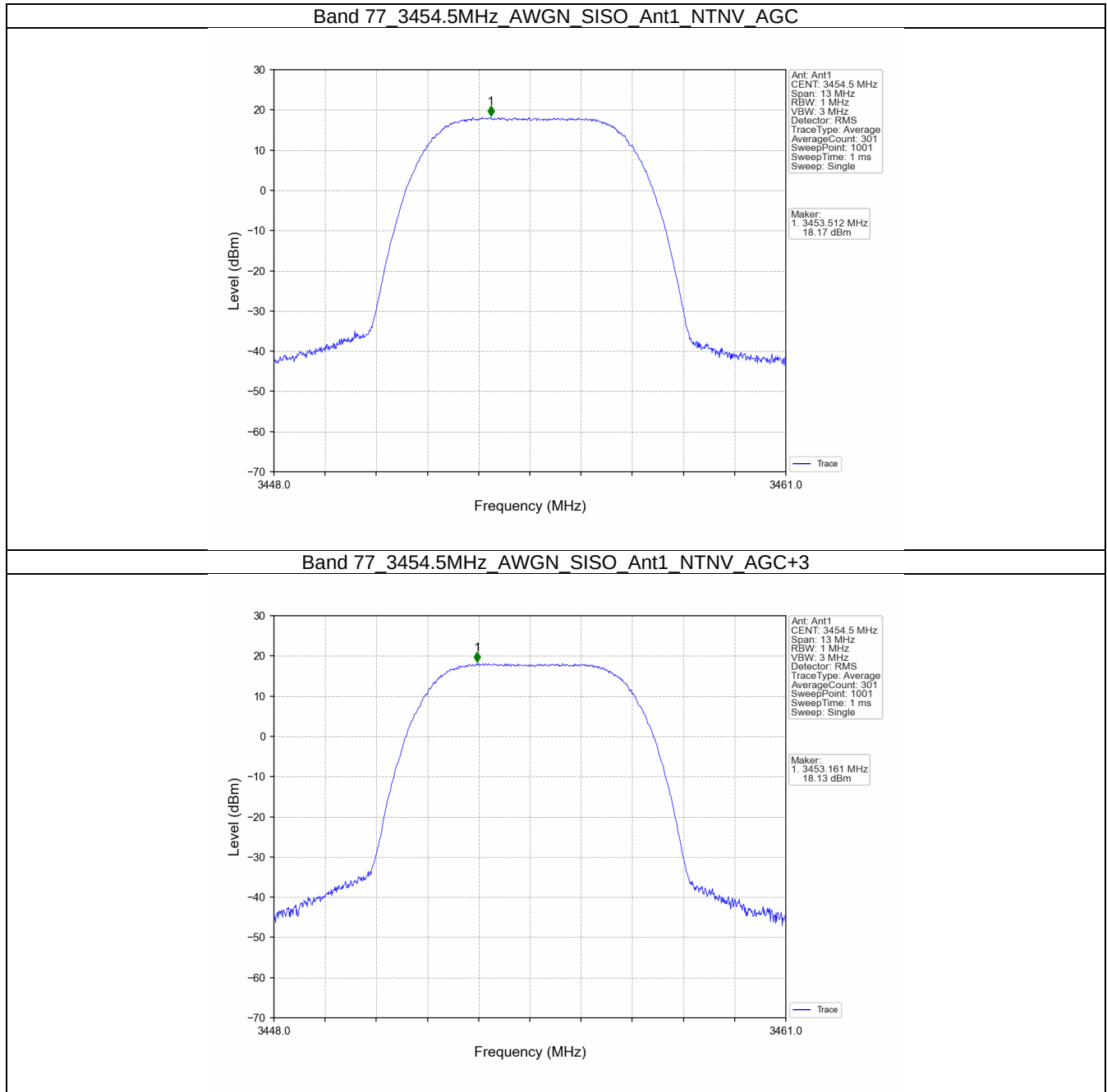
Band:77 / NTNV							
Operation Band	Frequency (MHz)	Signal Type	Signal Level	Input Power (dBm)	Total Output Power (dBm)	EIRP (dBm)	Gain (dB)
3450MHz-3550MHz	3454.5	AWGN	Pre-AGC	-4	24.47	26.47	/
			3dB Above AGC	-1	24.53	26.53	/
	3454.5	GMSK	Pre-AGC	-4	24.55	26.55	/
			3dB Above AGC	-1	24.59	26.59	/

For 100MHz BW

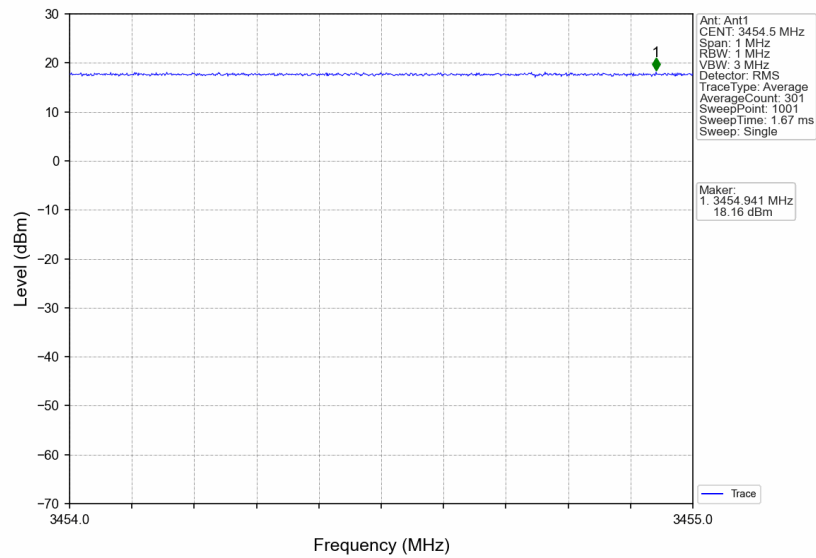
Band:77 / NTNV											
Signal			TX Type	ANT	Conducted Power (dBm/MHz)		EIRP (dBm/MHz)		Booster Gain (dB)	Nominal gain (dB)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	Result	Limit			
AWGN	-4	3500	SISO	1	6.659	-22.07	8.659	<=62.15	28.729	27±2	Pass
	-1	3500	SISO	1	6.604	-18.79	8.604	<=62.15	/	/	Pass

Band:77 / NTNV							
Operation Band	Frequency (MHz)	Signal Type	Signal Level	Input Power (dBm)	Total Output Power (dBm)	EIRP (dBm)	Gain (dB)
3450MHz-3550MHz	3500	AWGN	Pre-AGC	-4	24.51	26.51	/
			3dB Above AGC	-1	24.55	26.55	/

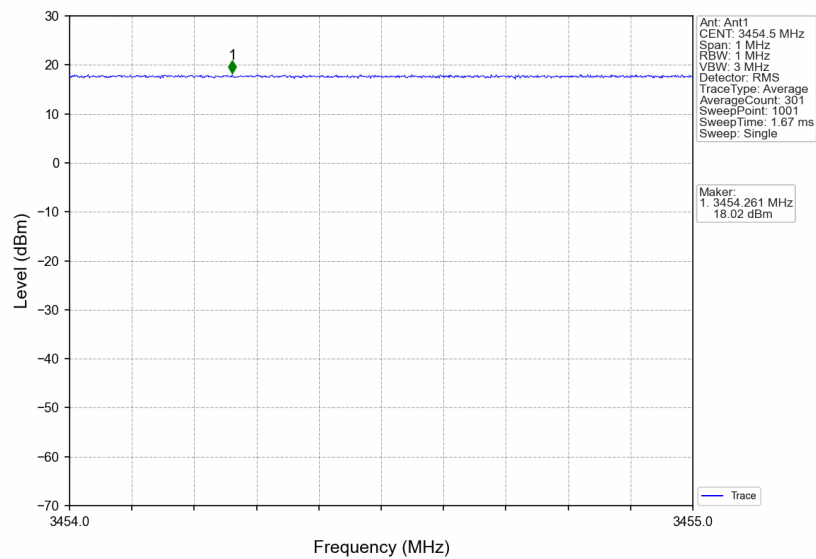
4.1.2 Test Graph



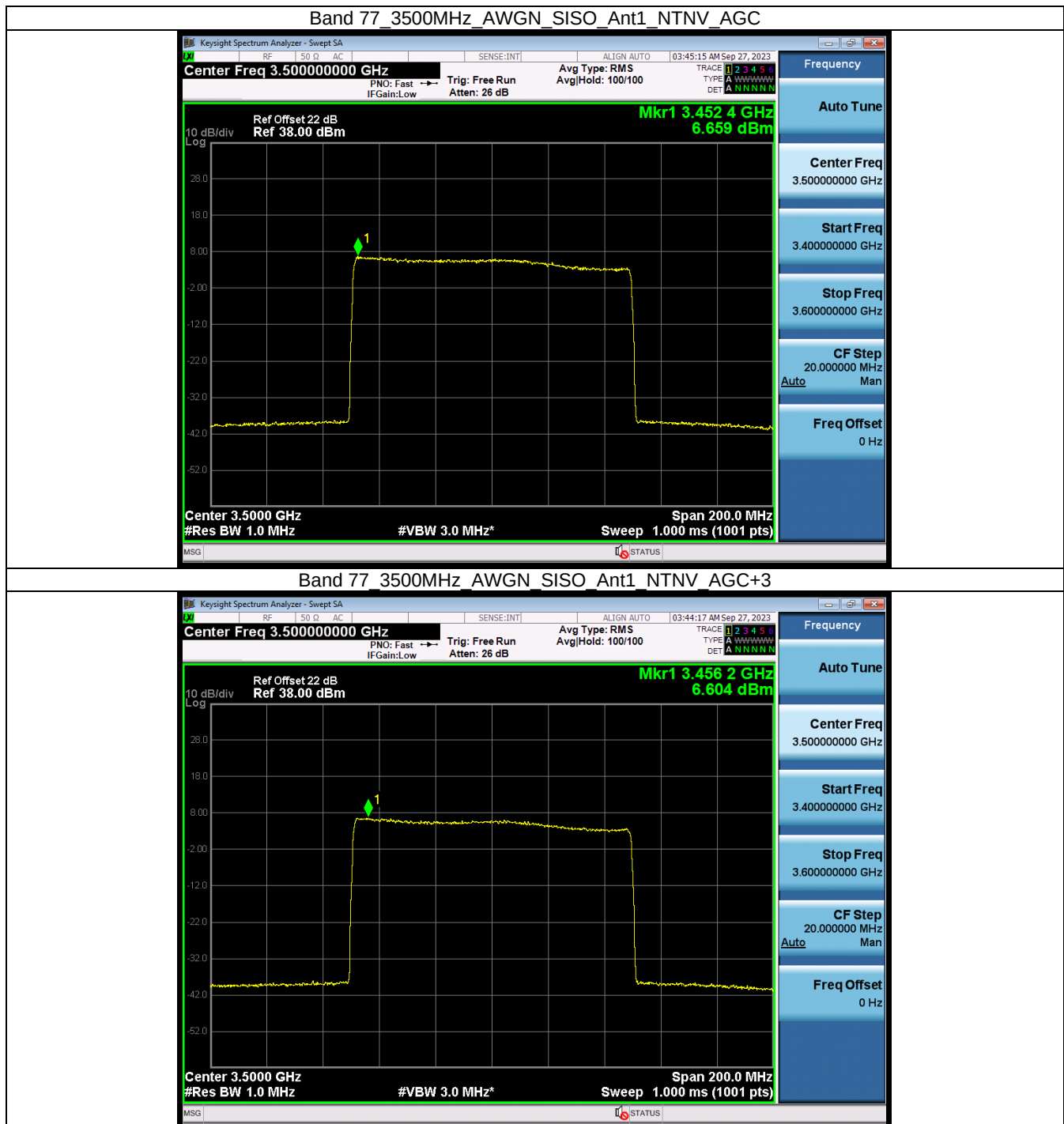
Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_AGC



Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_AGC+3



For 100MHz BW



4.2 Band 77_PAPR

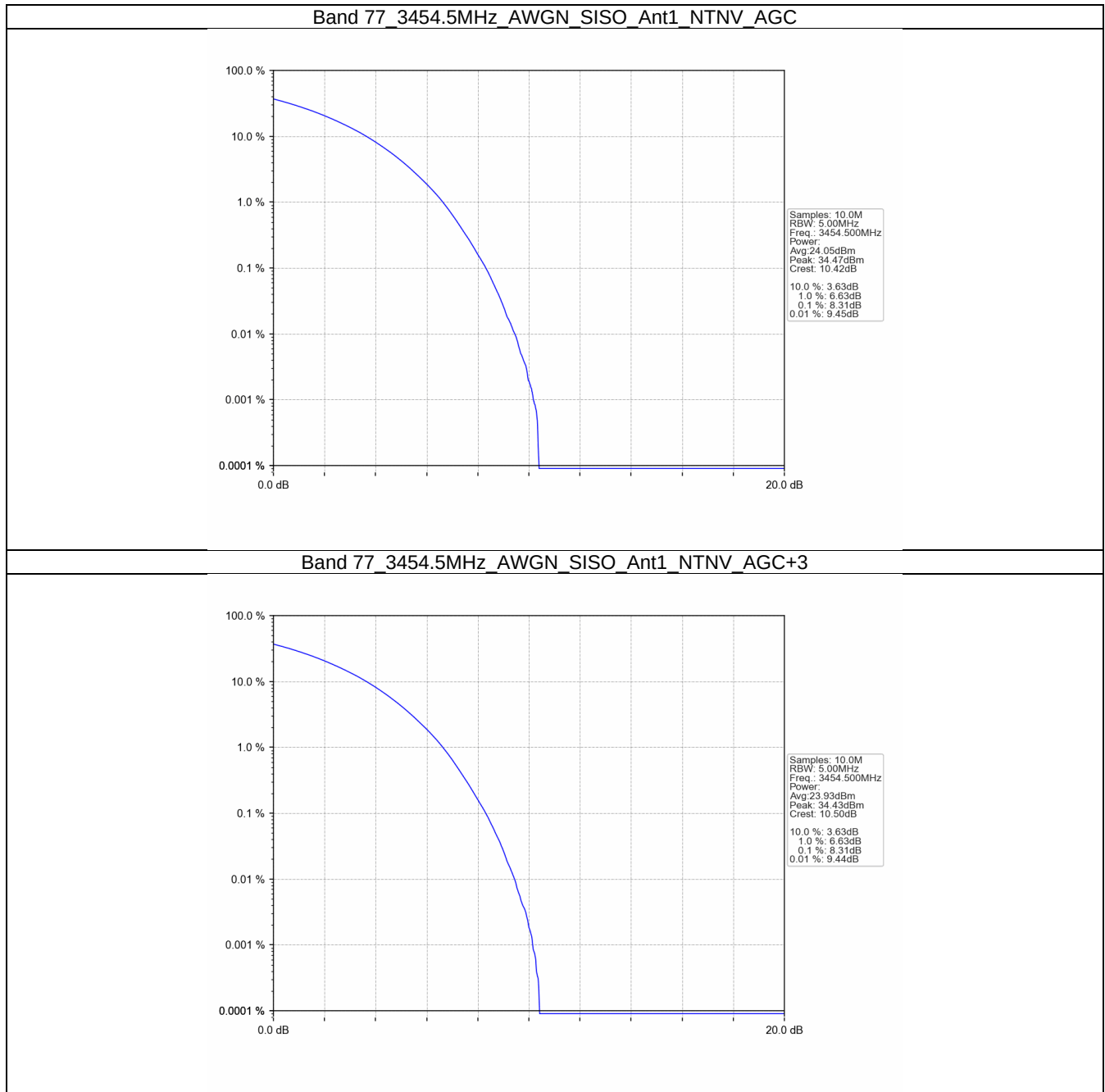
4.2.1 Test Result

Band:77 / NTNV							
Signal			TX Type	ANT	PAPR (dB)		Verdict
Type	Level (dBm)	Frequency (MHz)			Result	Limit	
AWGN	-4	3454.5	SISO	1	8.31	<=13	Pass
	-1	3454.5	SISO	1	8.31	<=13	Pass
GMSK	-4	3454.5	SISO	1	0.30	<=13	Pass
	-1	3454.5	SISO	1	0.30	<=13	Pass

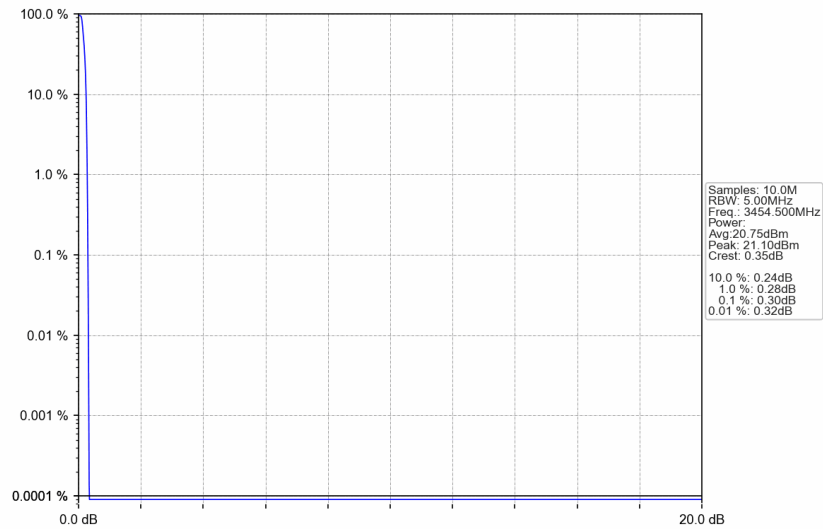
For 100MHz BW

Band:77 / NTNV							
Signal			TX Type	ANT	PAPR (dB)		Verdict
Type	Level (dBm)	Frequency (MHz)			Result	Limit	
AWGN	-4	3500	SISO	1	8.47	<=13	Pass
	-1	3500	SISO	1	8.45	<=13	Pass

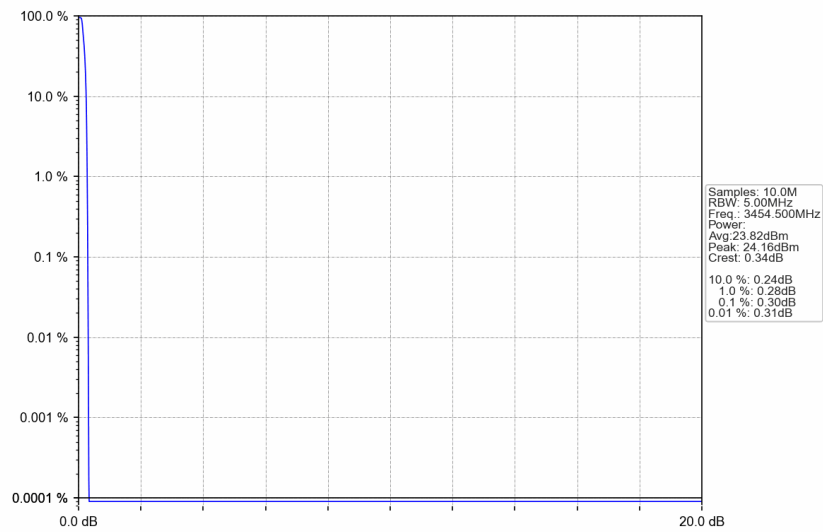
4.2.2 Test Graph



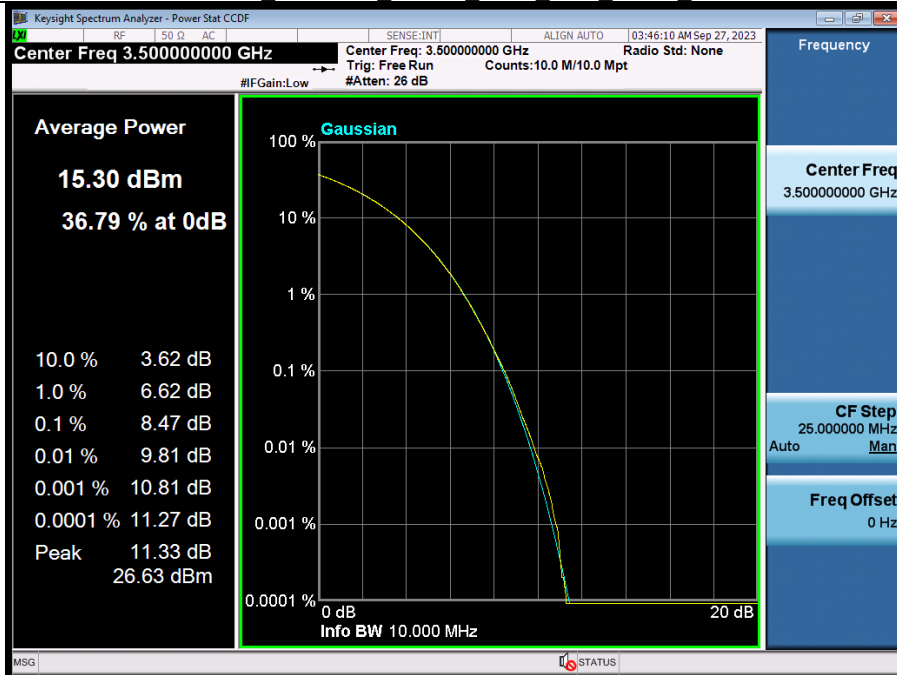
Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_AGC



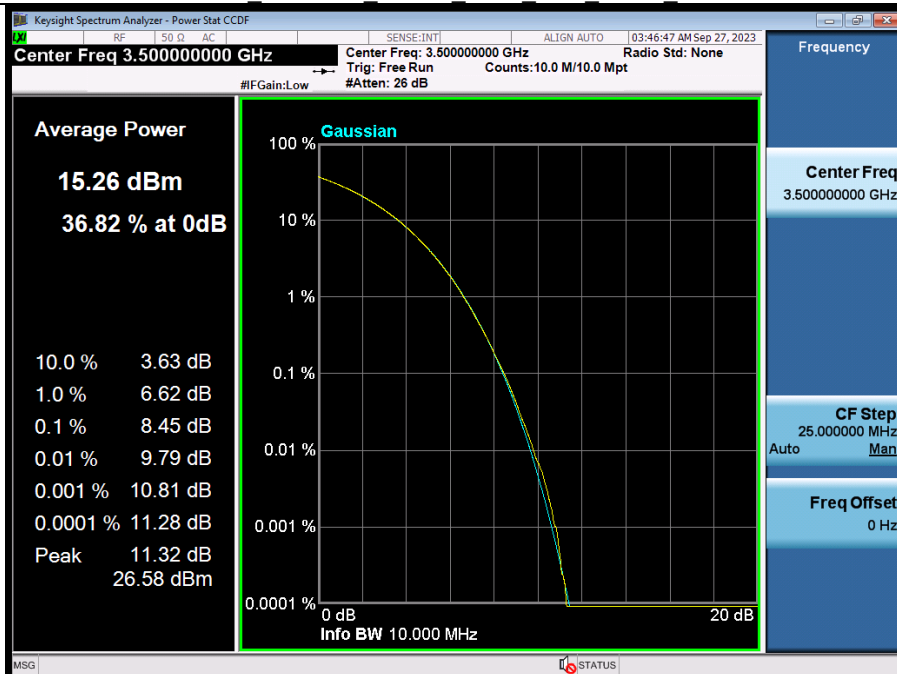
Band 77_3454.5MHz_GMSK_SISO_Ant1_NTNV_AGC+3



Band 77 3500MHz AWGN SISO Ant1 NTN AGC



Band 77 3500MHz AWGN SISO Ant1 NTN AGC+3



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

5.1 Band 77

5.1.1 Test Result

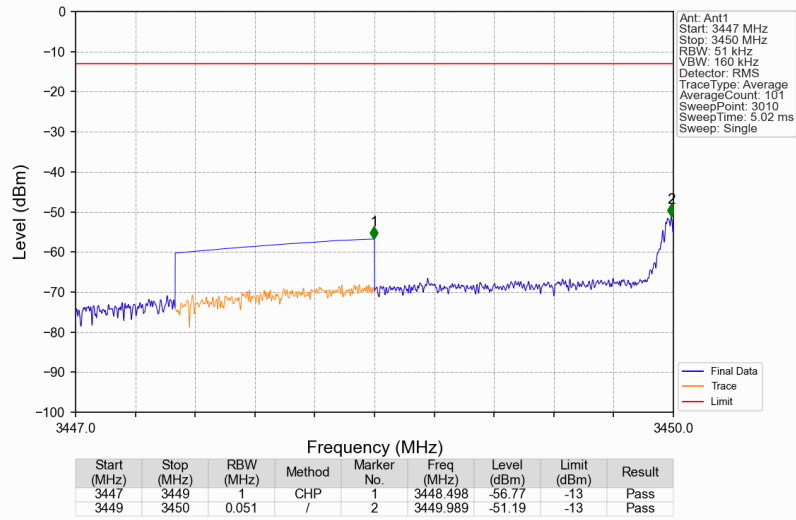
Band:77 / NTNV									
Signal				Channel	TX Type	ANT	OOB (dBm)		Verdict
Input	Type	Level (dBm)	Frequency (MHz)				Result	Limit	
Two	AWGN	-4	3452.5	LCH	SISO	1	-51.19	Refer To Test Graph	Pass
		-1	3452.5	LCH	SISO	1	-49.21	Refer To Test Graph	Pass
One	AWGN	-4	3452.5	LCH	SISO	1	-49.48	Refer To Test Graph	Pass
		-1	3452.5	LCH	SISO	1	-47.83	Refer To Test Graph	Pass
Two	AWGN	-4	3547.5	HCH	SISO	1	-48.67	Refer To Test Graph	Pass
		-1	3547.5	HCH	SISO	1	-46.68	Refer To Test Graph	Pass
One	AWGN	-4	3547.5	HCH	SISO	1	-49.90	Refer To Test Graph	Pass
		-1	3547.5	HCH	SISO	1	-48.43	Refer To Test Graph	Pass
Two	GMSK	-4	3450.1	LCH	SISO	1	-23.27	Refer To Test Graph	Pass
		-1	3450.1	LCH	SISO	1	-22.86	Refer To Test Graph	Pass
One	GMSK	-4	3450.1	LCH	SISO	1	-22.97	Refer To Test Graph	Pass
		-1	3450.1	LCH	SISO	1	-23.29	Refer To Test Graph	Pass
Two	GMSK	-4	3549.9	HCH	SISO	1	-23.14	Refer To Test Graph	Pass
		-1	3549.9	HCH	SISO	1	-23.03	Refer To Test Graph	Pass
One	GMSK	-4	3549.9	HCH	SISO	1	-22.37	Refer To Test Graph	Pass
		-1	3549.9	HCH	SISO	1	-22.81	Refer To Test Graph	Pass

For 100MHz BW

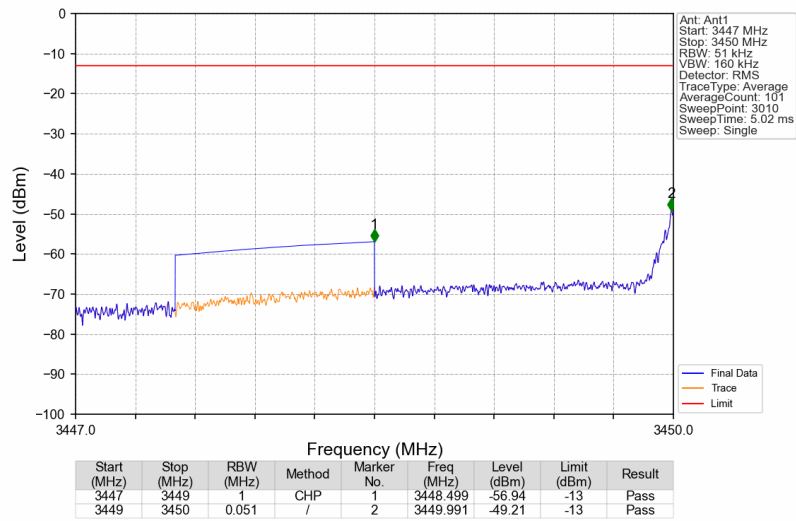
Band: n78e / NTNV									
Signal				Channel	TX Type	ANT	OOB (dBm)		Verdict
Input	Type	Level (dBm)	Frequency (MHz)				Result	Limit	
Two	AWGN	-4	3500	MCH	SISO	1	-18.372	Refer To Test Graph	Pass
		-1	3500	MCH	SISO	1	-17.836	Refer To Test Graph	Pass
One	AWGN	-4	3500	MCH	SISO	1	-18.263	Refer To Test Graph	Pass
		-1	3500	MCH	SISO	1	-17.948	Refer To Test Graph	Pass
Two	AWGN	-4	3500	MCH	SISO	1	-19.045	Refer To Test Graph	Pass
		-1	3500	MCH	SISO	1	-18.618	Refer To Test Graph	Pass
One	AWGN	-4	3500	MCH	SISO	1	-19.372	Refer To Test Graph	Pass
		-1	3500	MCH	SISO	1	-18.178	Refer To Test Graph	Pass

5.1.2 Test Graph

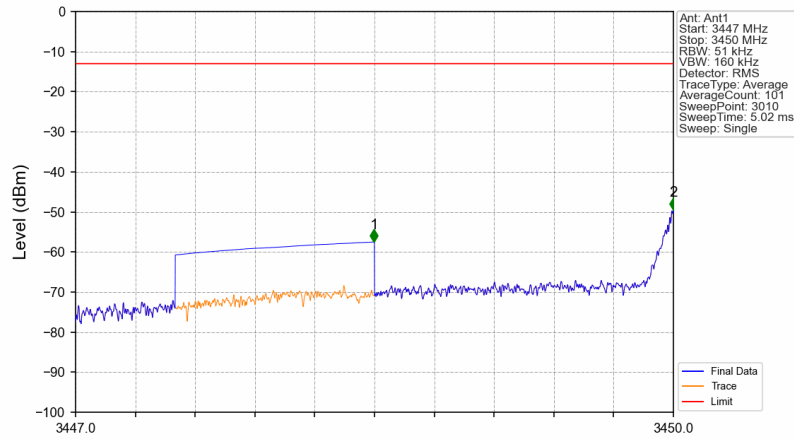
Band 77_3452.5MHz_AWGN_SISO_Ant1_NTNV_AGC



Band 77_3452.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3

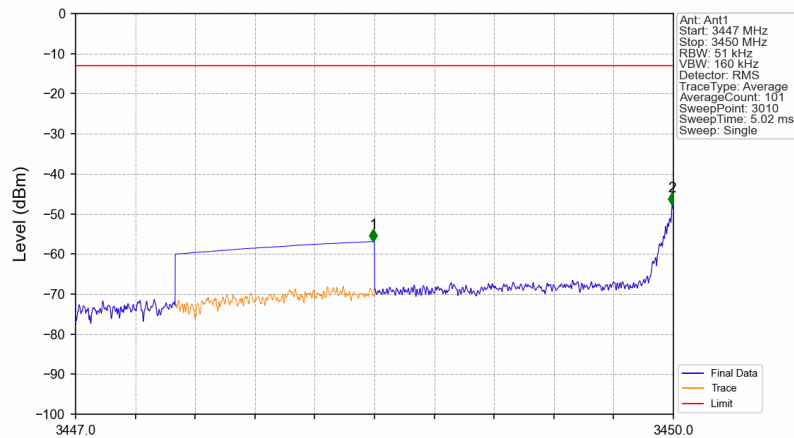


Band 77_3452.5MHz_AWGN_SISO_Ant1_NTNV_AGC



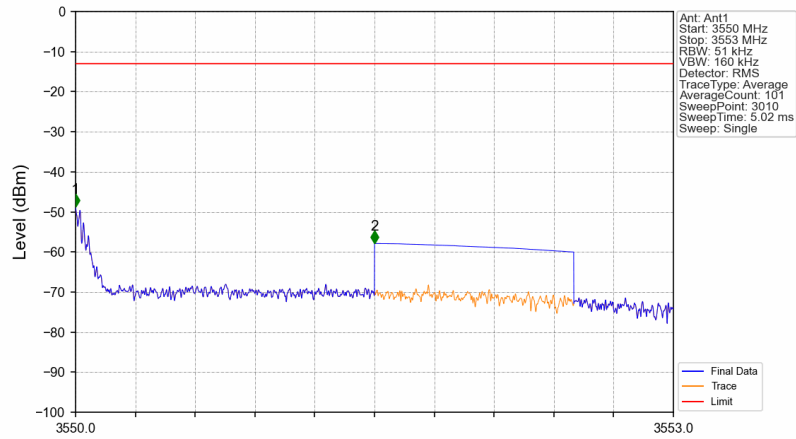
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3447	3449	1	CHP	1	3448.498	-57.54	-13	Pass
3449	3450	0.051	/	2	3450.000	-49.48	-13	Pass

Band 77_3452.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3



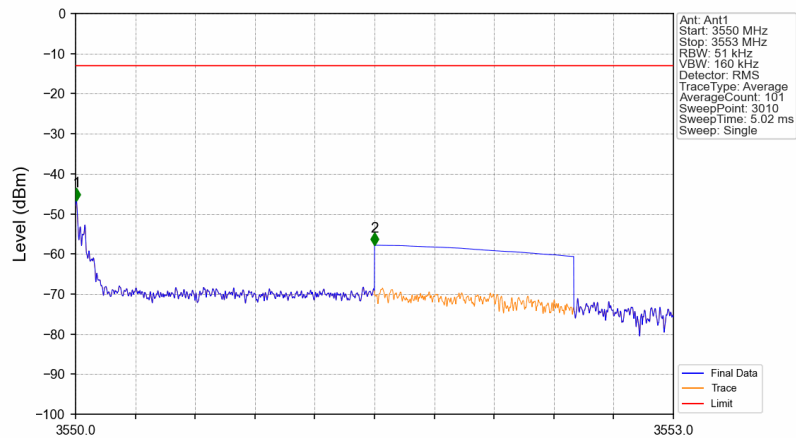
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3447	3449	1	CHP	1	3448.495	-56.93	-13	Pass
3449	3450	0.051	/	2	3449.994	-47.83	-13	Pass

Band 77_3547.5MHz_AWGN_SISO_Ant1_NTNV_AGC



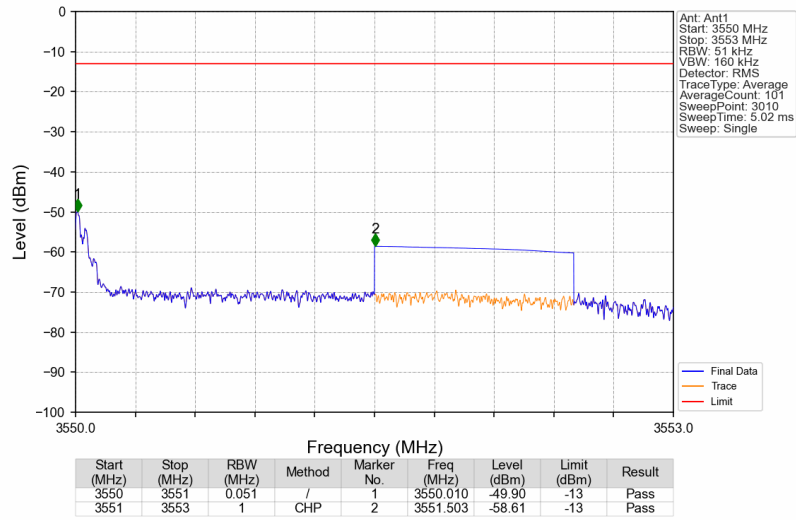
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3550	3551	0.051	/	1	3550.000	-48.67	-13	Pass
3551	3553	1	CHP	2	3551.500	-57.88	-13	Pass

Band 77_3547.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3

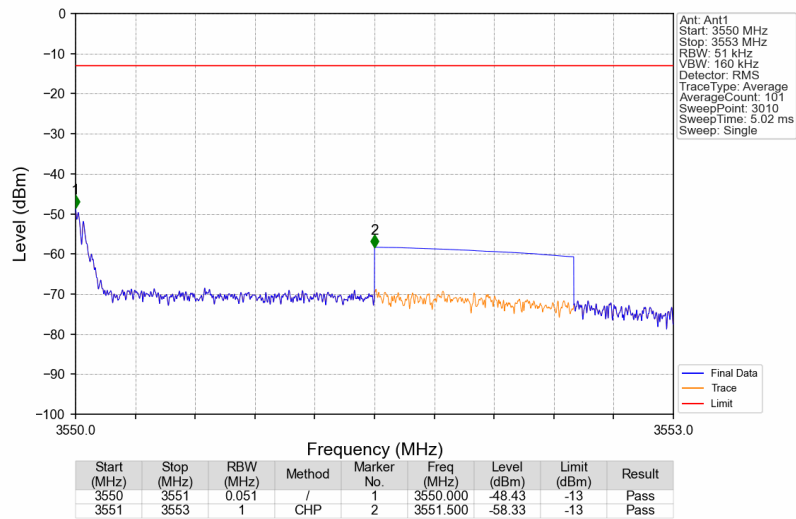


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3550	3551	0.051	/	1	3550.004	-46.68	-13	Pass
3551	3553	1	CHP	2	3551.500	-57.83	-13	Pass

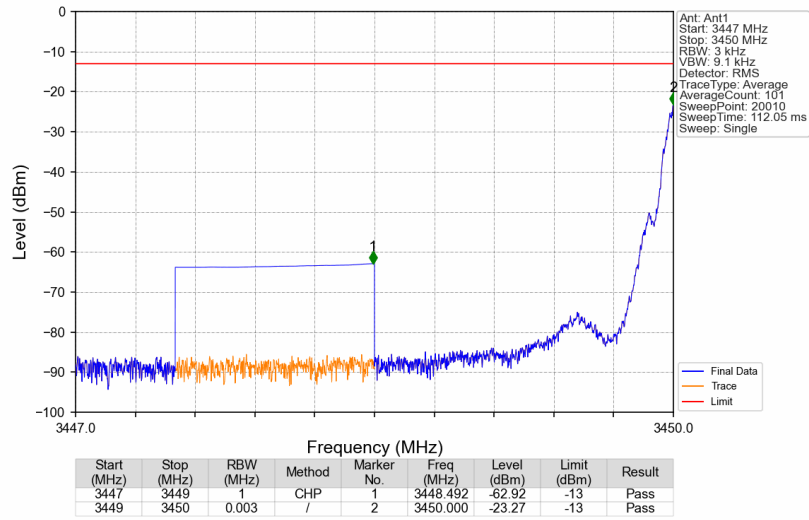
Band 77_3547.5MHz_AWGN_SISO_Ant1_NTNV_AGC



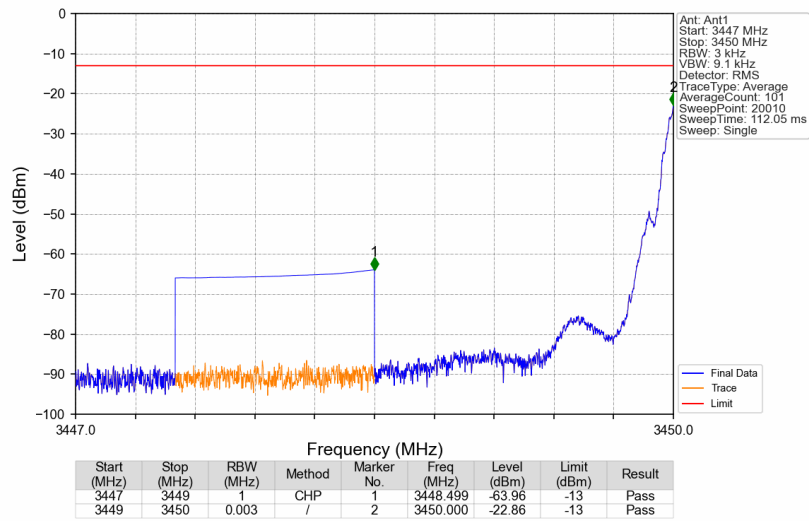
Band 77_3547.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3



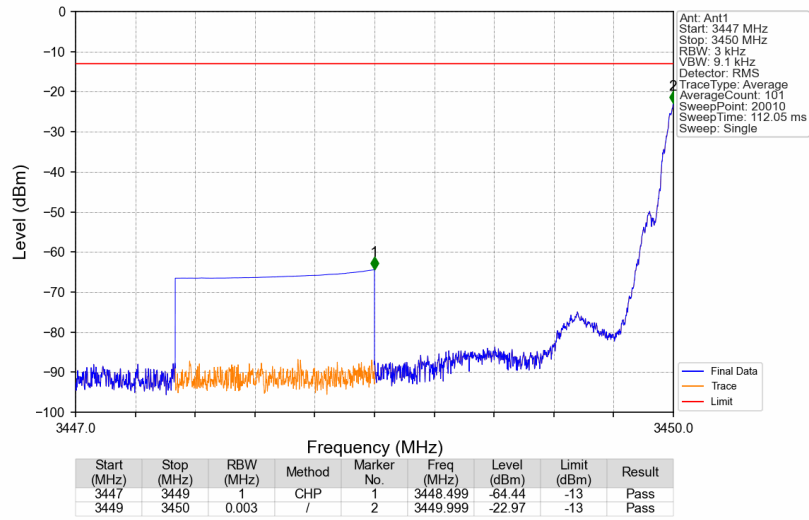
Band 77_3450.1MHz_GMSK_SISO_Ant1_NTNV_AGC



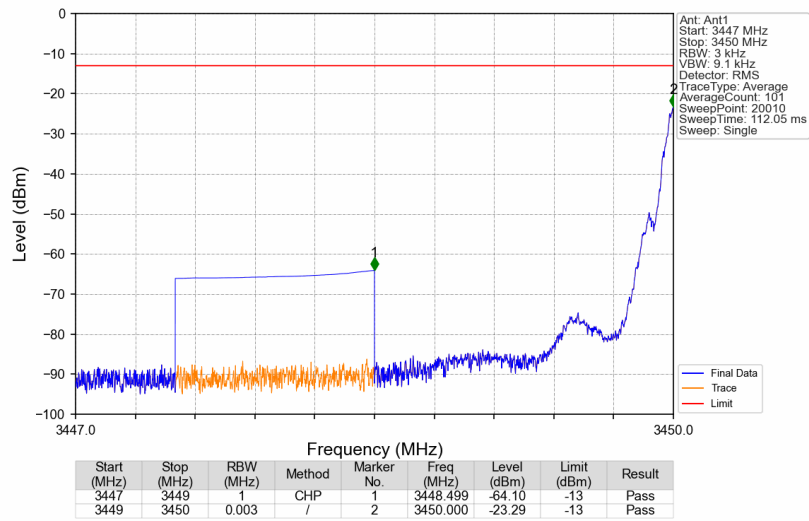
Band 77_3450.1MHz_GMSK_SISO_Ant1_NTNV_AGC+3



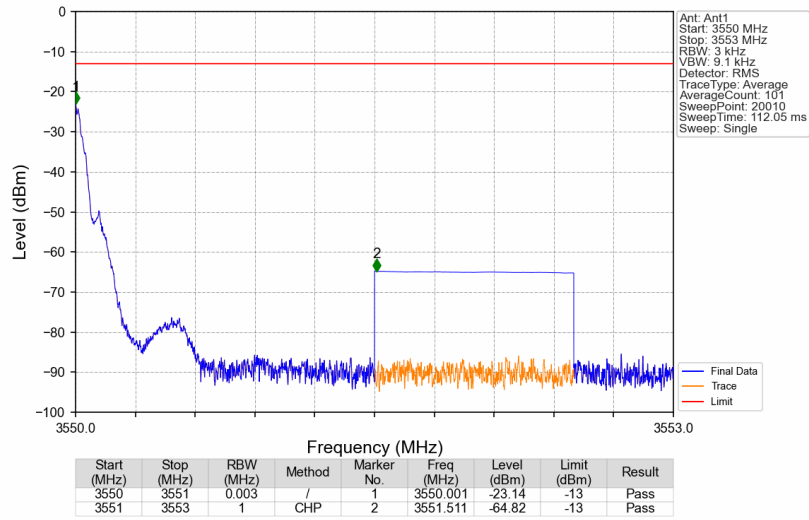
Band 77_3450.1MHz_GMSK_SISO_Ant1_NTNV_AGC



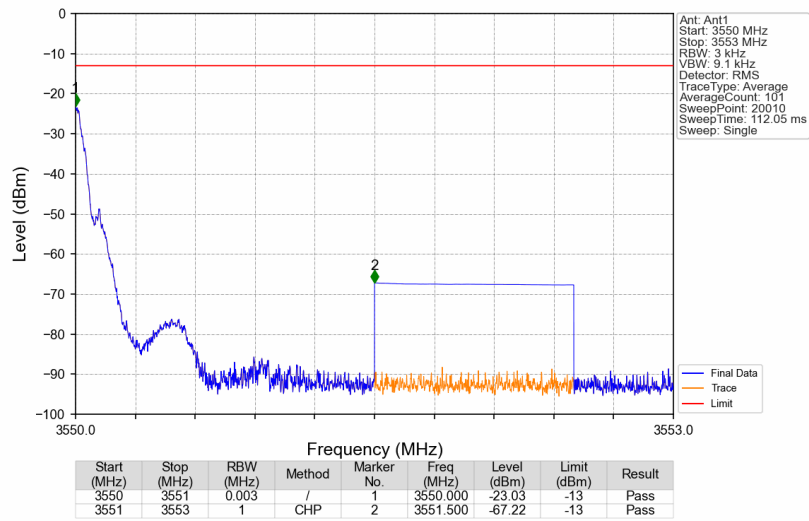
Band 77_3450.1MHz_GMSK_SISO_Ant1_NTNV_AGC+3



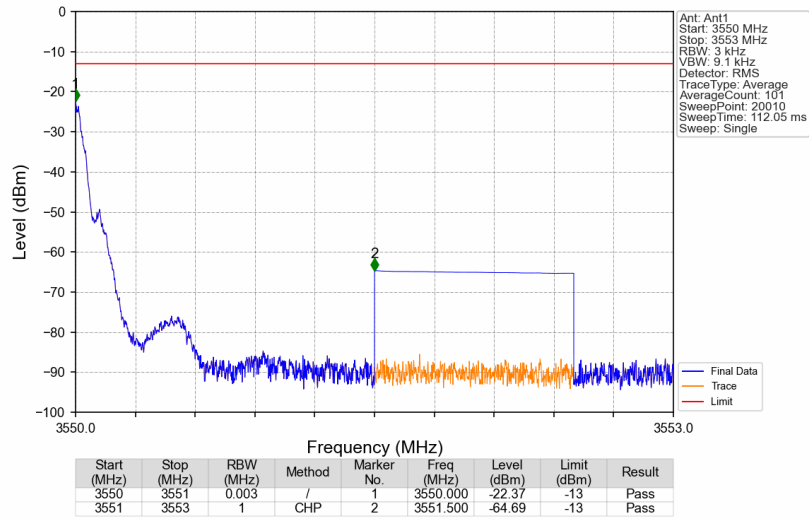
Band 77_3549.9MHz_GMSK_SISO_Ant1_NTNV_AGC



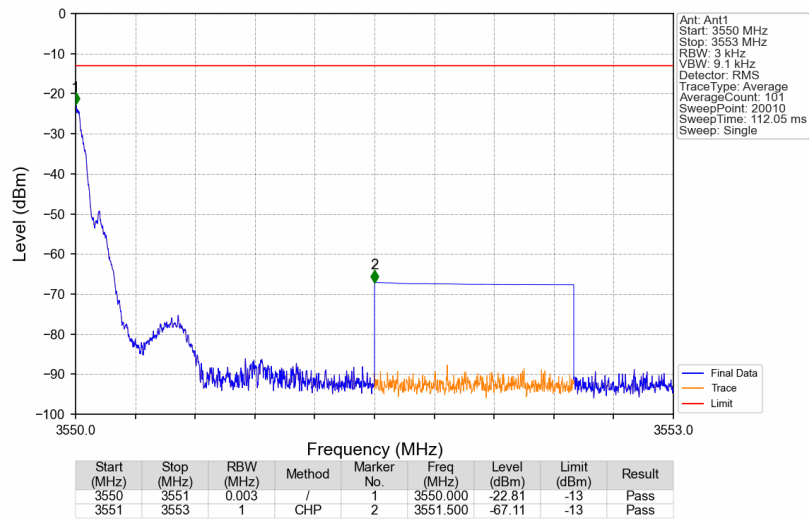
Band 77_3549.9MHz_GMSK_SISO_Ant1_NTNV_AGC+3



Band 77_3549.9MHz_GMSK_SISO_Ant1_NTNV_AGC

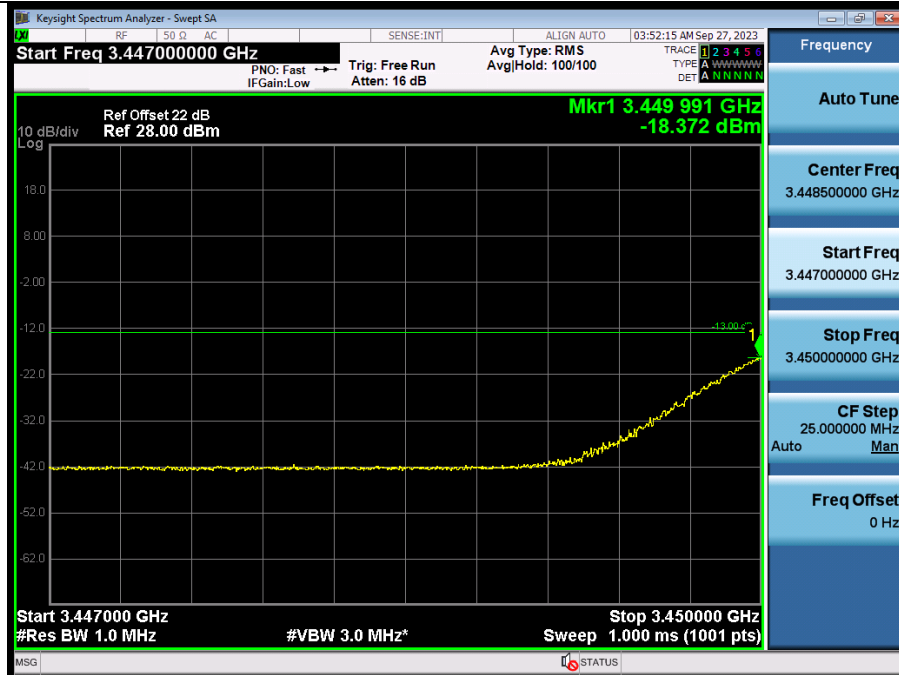


Band 77_3549.9MHz_GMSK_SISO_Ant1_NTNV_AGC+3



For 100MHz BW

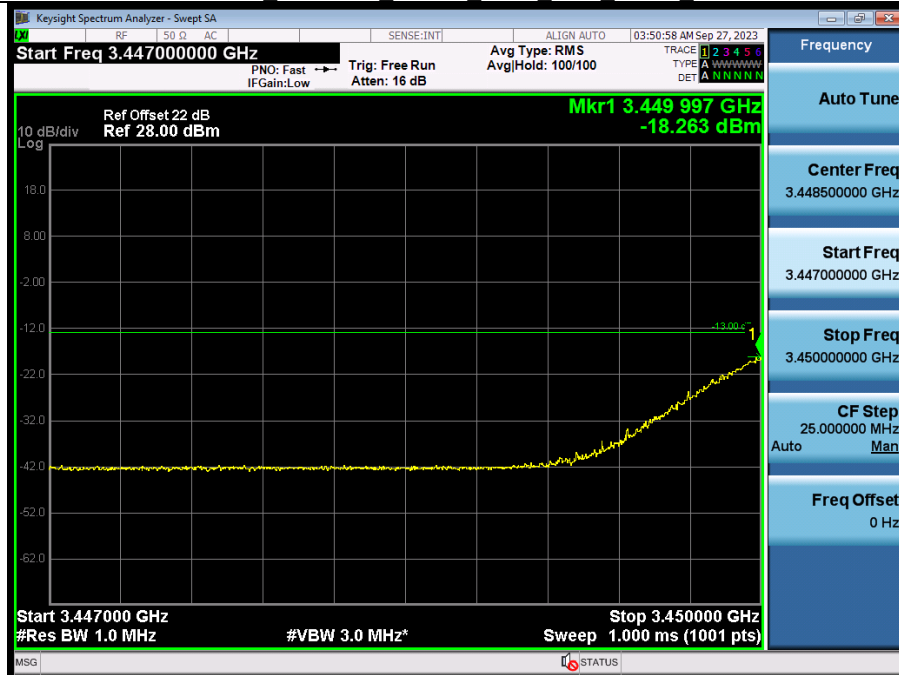
Band 77_3500MHz_AWGN_SISO_Ant1_NTNV_AGC



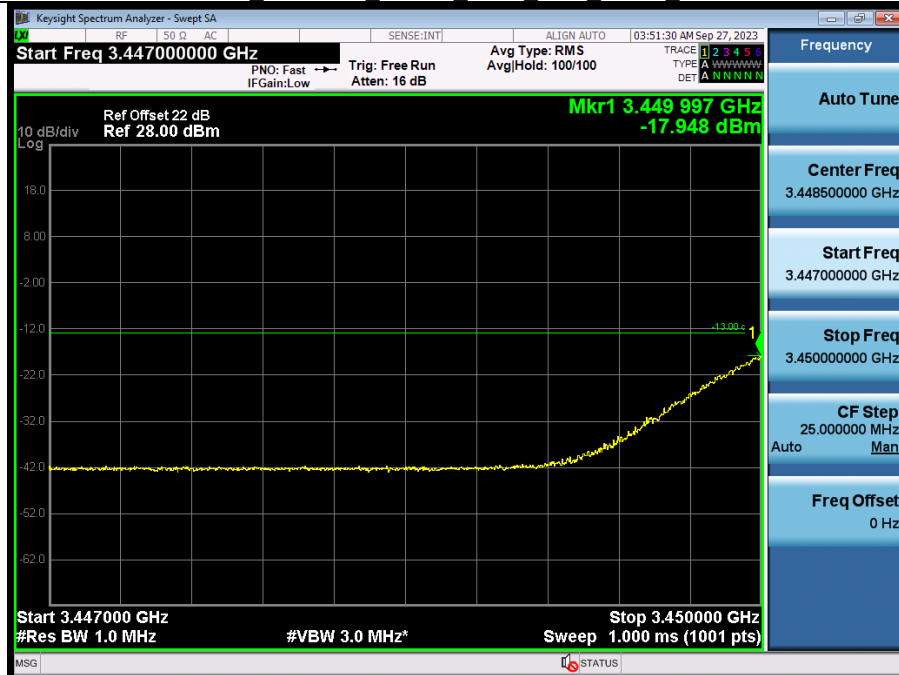
Band 77_3500MHz_AWGN_SISO_Ant1_NTNV_AGC+3



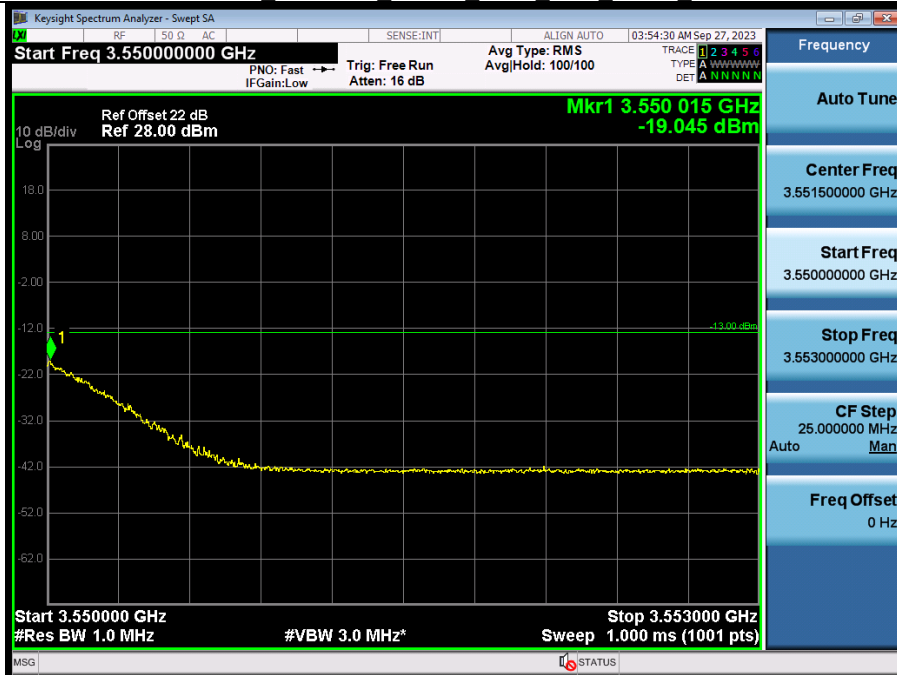
Band 77 3500MHz AWGN SISO Ant1 NTVN AGC



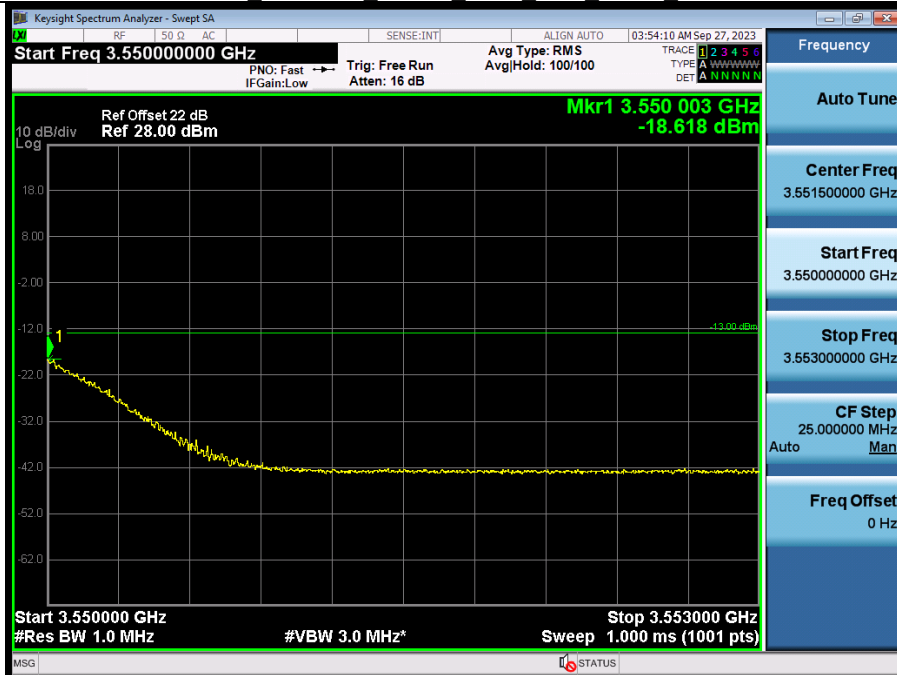
Band 77 3500MHz AWGN SISO Ant1 NTVN AGC+3



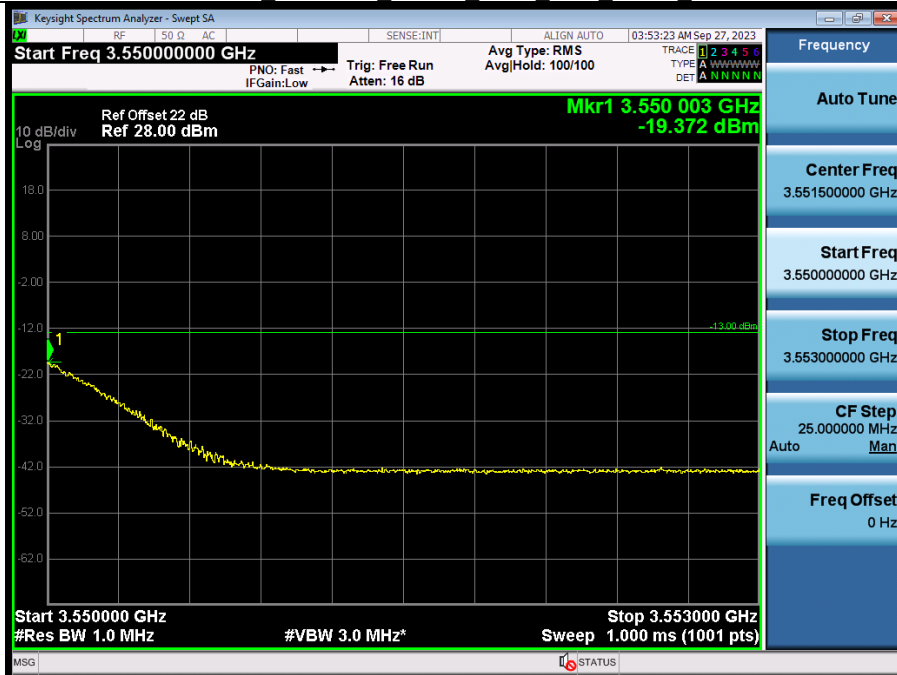
Band 77 3500MHz AWGN SISO Ant1 NTVN AGC



Band 77 3500MHz AWGN SISO Ant1 NTVN AGC+3



Band 77 3500MHz AWGN SISO Ant1 NTNV AGC



Band 77 3500MHz AWGN SISO Ant1 NTNV AGC+3



6. Spurious emissions

6.1 Band 77

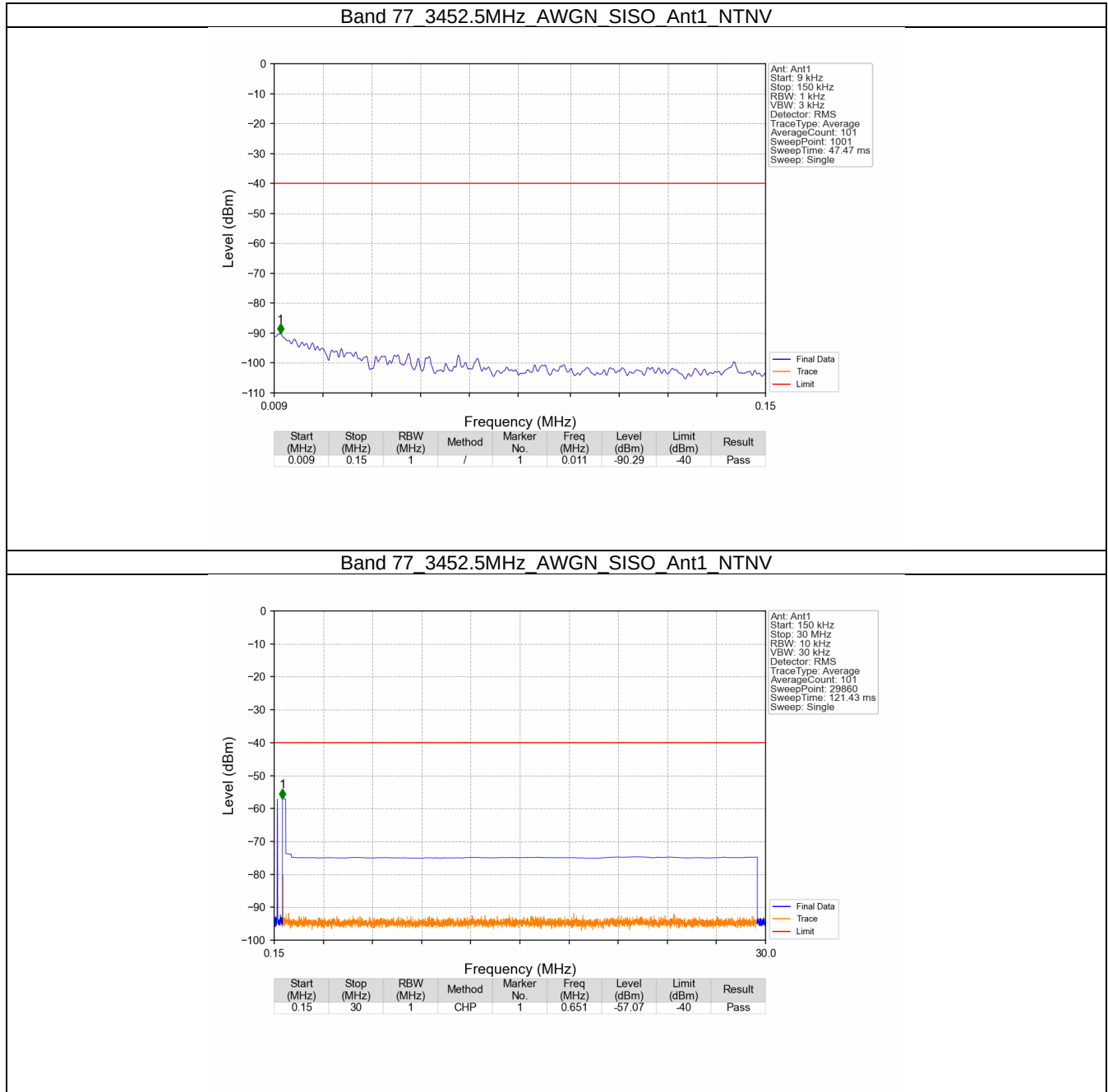
6.1.1 Test Result

Band:77 / NTNV								
Signal			Channel	TX Type	ANT	SE (dBm)		Verdict
Type	Level (dBm)	Frequency (MHz)				Result	Limit	
AWGN	-4	3452.5	LCH	SISO	1	Refer To Test Graph		Pass
		3500	MCH	SISO	1	Refer To Test Graph		Pass
		3547.5	HCH	SISO	1	Refer To Test Graph		Pass
GMSK	-4	3450.1	LCH	SISO	1	Refer To Test Graph		Pass
		3500	MCH	SISO	1	Refer To Test Graph		Pass
		3549.9	HCH	SISO	1	Refer To Test Graph		Pass

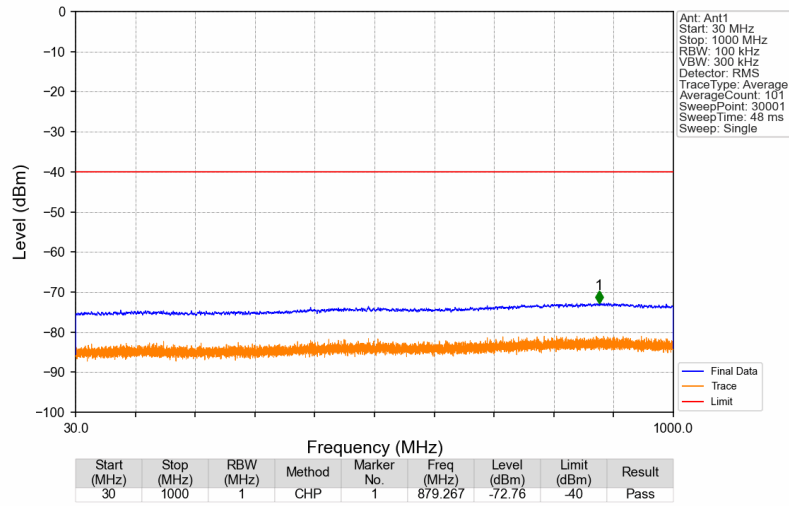
For 100MHz BW

Band: 77 / NTNV								
Signal			Channel	TX Type	ANT	SE (dBm)		Verdict
Type	Level (dBm)	Frequency (MHz)				Result	Limit	
AWGN	0.1	3500	MCH	SISO	1	Refer To Test Graph		Pass

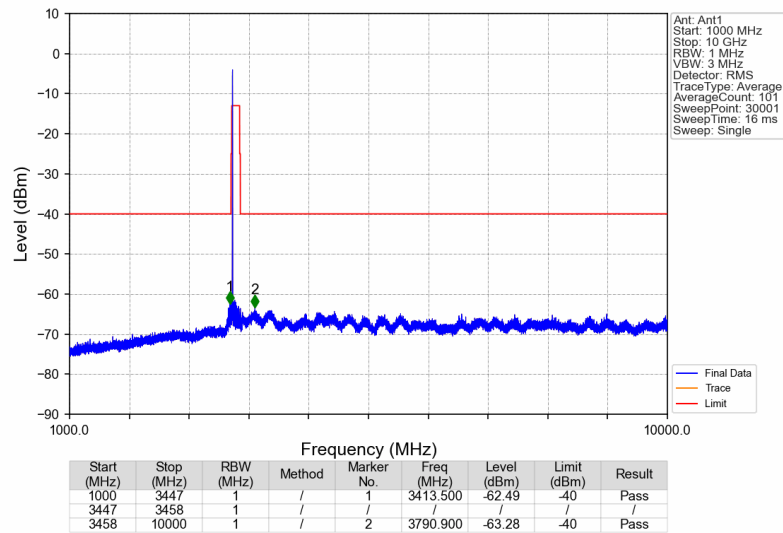
6.1.2 Test Graph



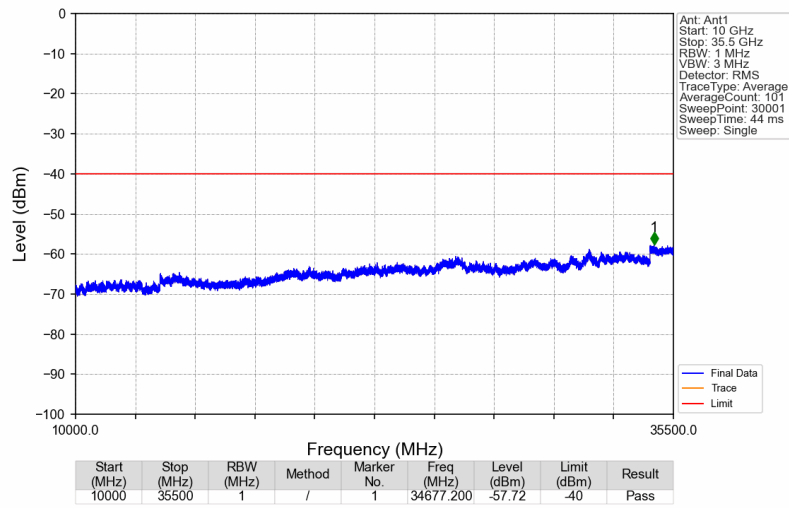
Band 77_3452.5MHz_AWGN_SISO_Ant1_NTNV



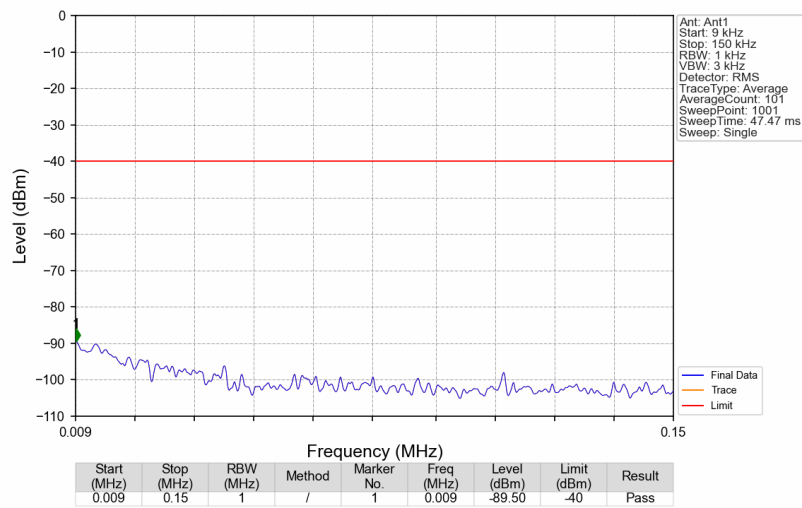
Band 77_3452.5MHz_AWGN_SISO_Ant1_NTNV



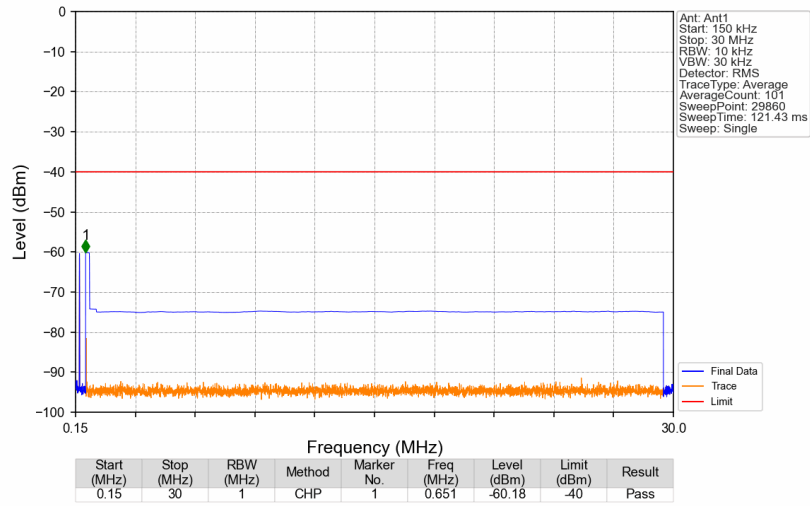
Band 77_3452.5MHz_AWGN_SISO_Ant1_NTNV



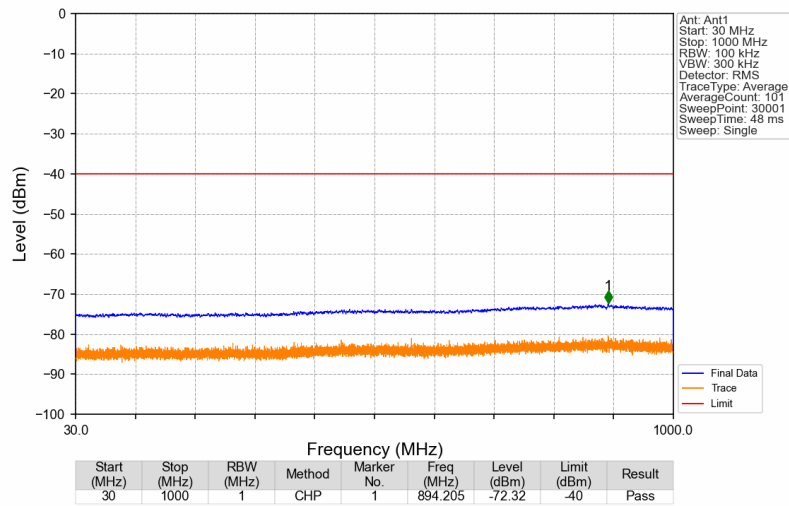
Band 77_3500MHz_AWGN_SISO_Ant1_NTNV



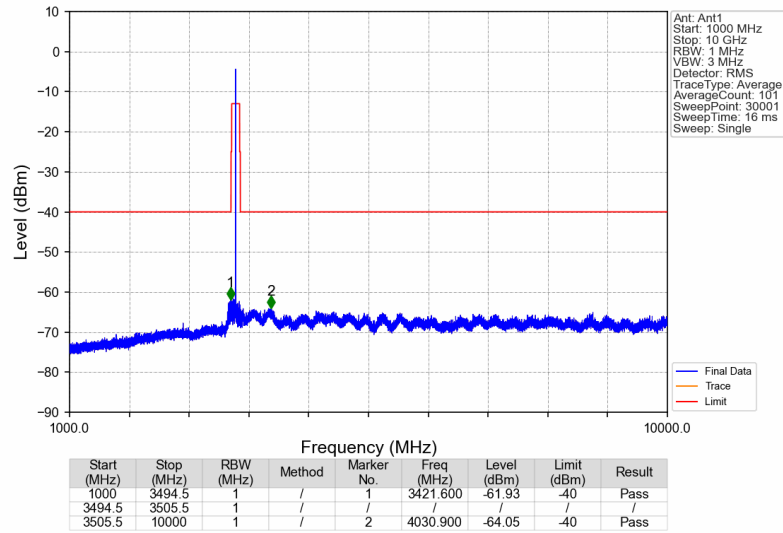
Band 77_3500MHz_AWGN_SISO_Ant1_NTNV



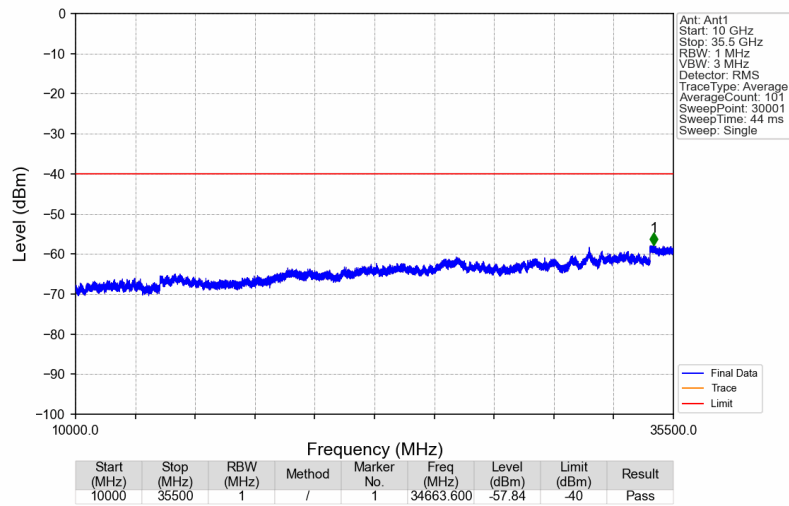
Band 77_3500MHz_AWGN_SISO_Ant1_NTNV



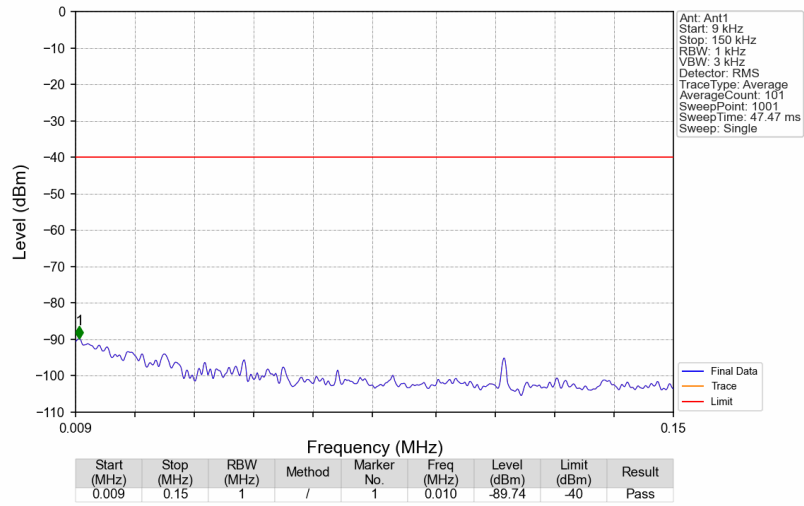
Band 77_3500MHz_AWGN_SISO_Ant1_NTNV



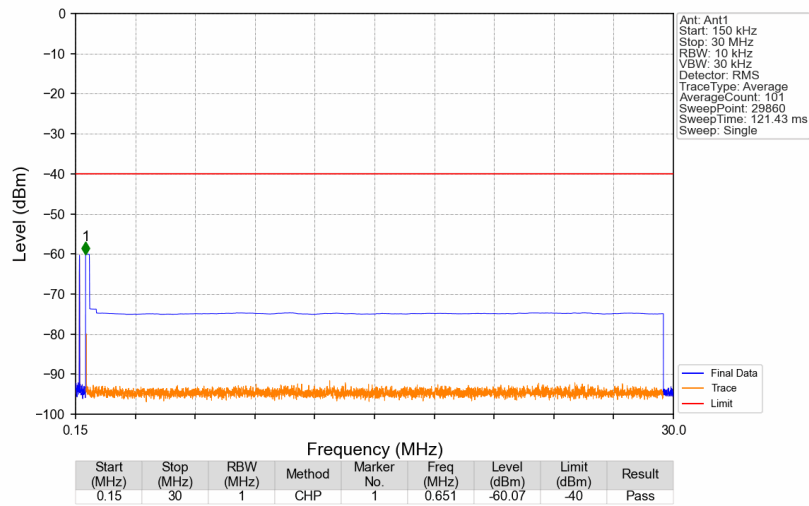
Band 77_3500MHz_AWGN_SISO_Ant1_NTNV



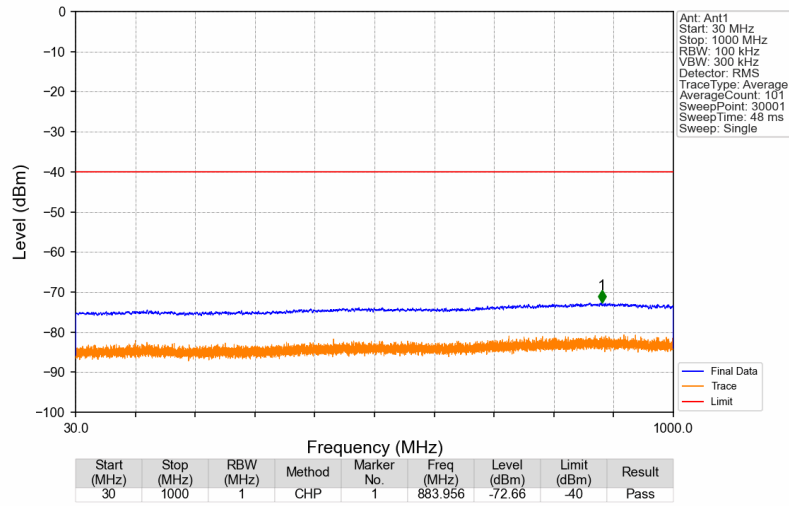
Band 77_3547.5MHz_AWGN_SISO_Ant1_NTNV



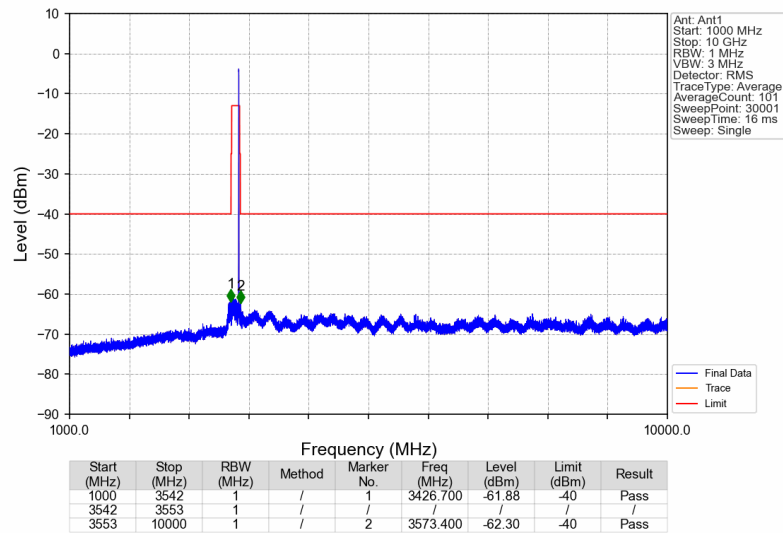
Band 77_3547.5MHz_AWGN_SISO_Ant1_NTNV



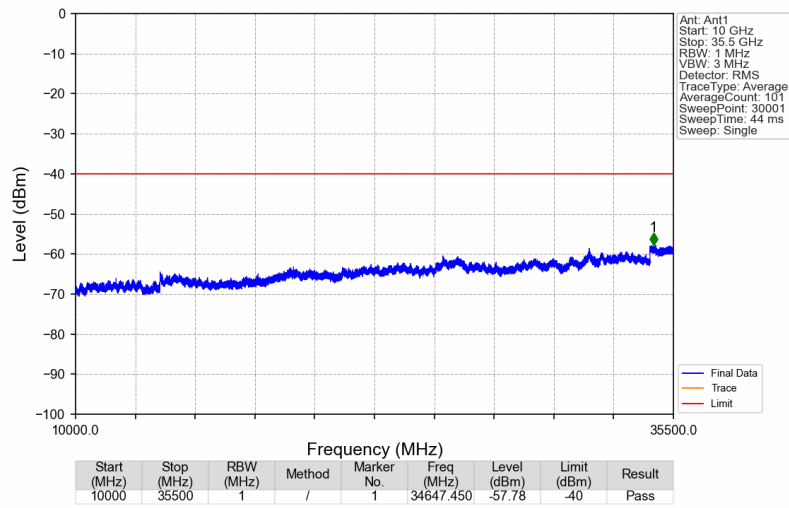
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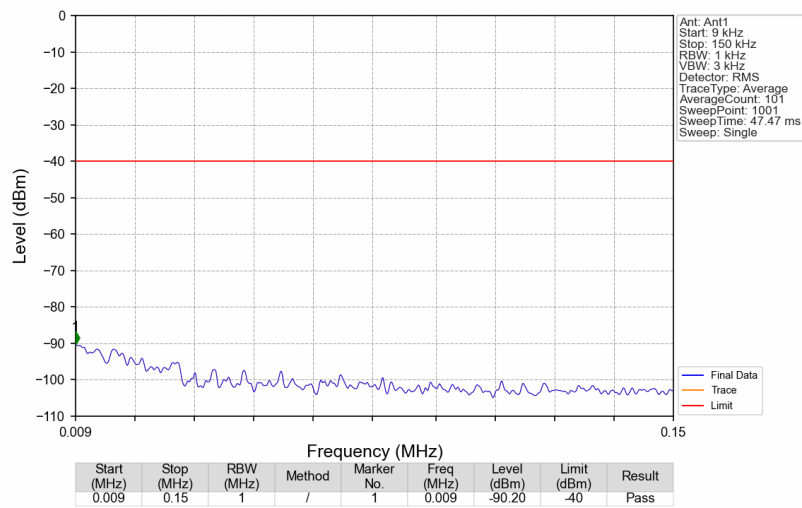
Band 77_3547.5MHz_AWGN_SISO_Ant1_NTNV



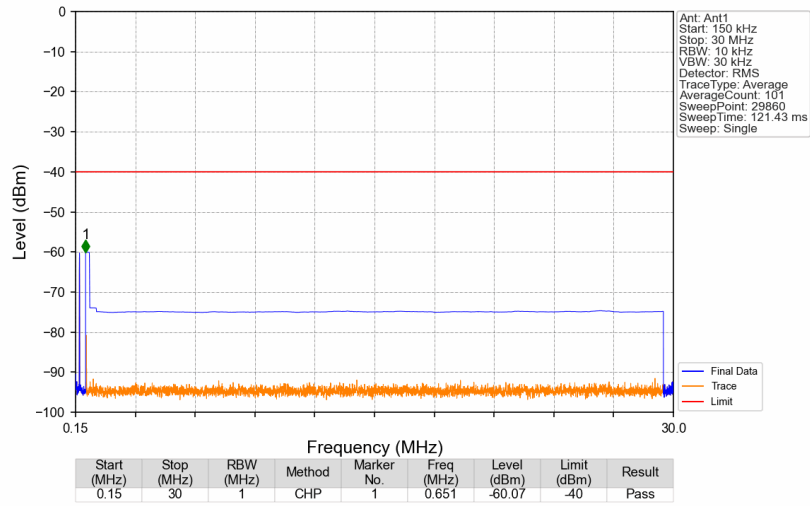
Band 77_3547.5MHz_AWGN_SISO_Ant1_NTNV



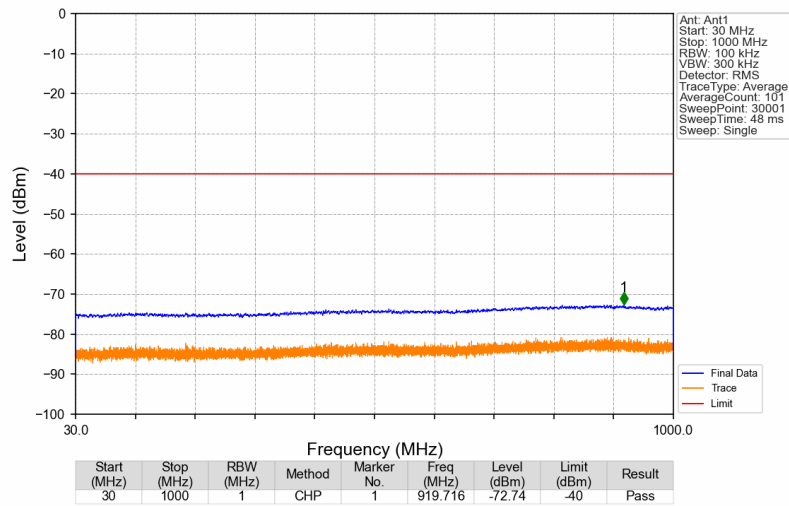
Band 77_3450.1MHz_GMSK_SISO_Ant1_NTNV



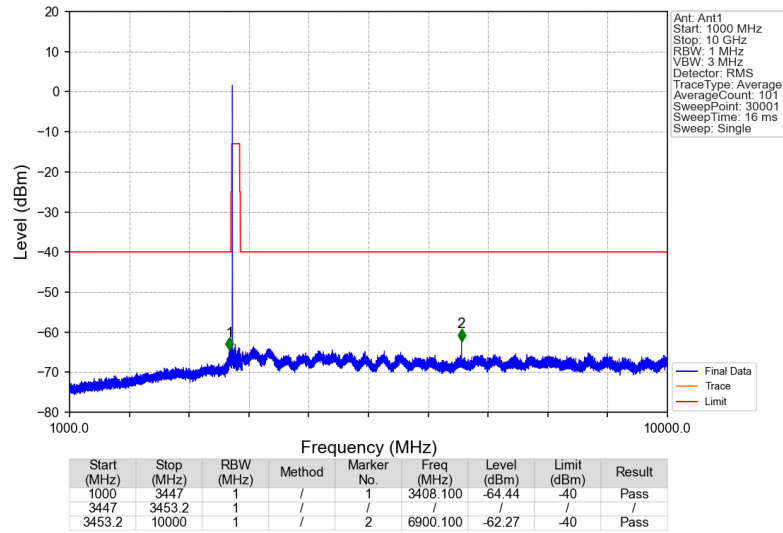
Band 77_3450.1MHz_GMSK_SISO_Ant1_NTNV



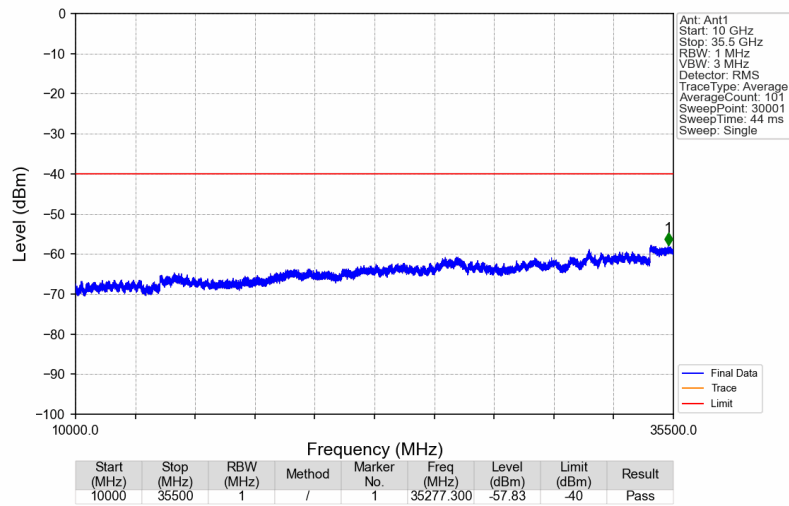
Band 77_3450.1MHz_GMSK_SISO_Ant1_NTNV



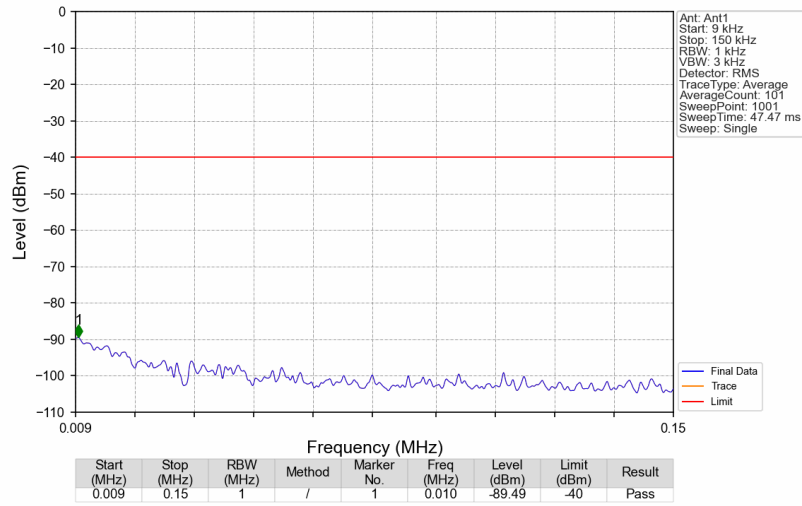
Band 77_3450.1MHz_GMSK_SISO_Ant1_NTNV



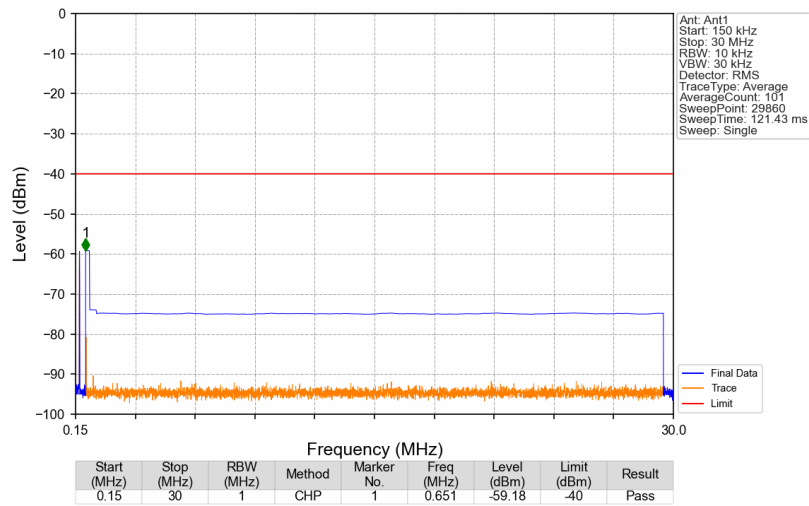
Band 77_3450.1MHz_GMSK_SISO_Ant1_NTNV



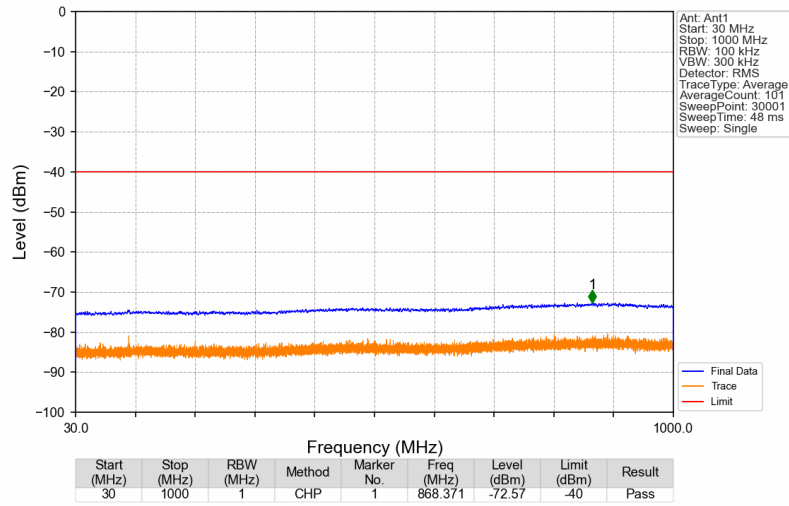
Band 77_3500MHz_GMSK_SISO_Ant1_NTNV



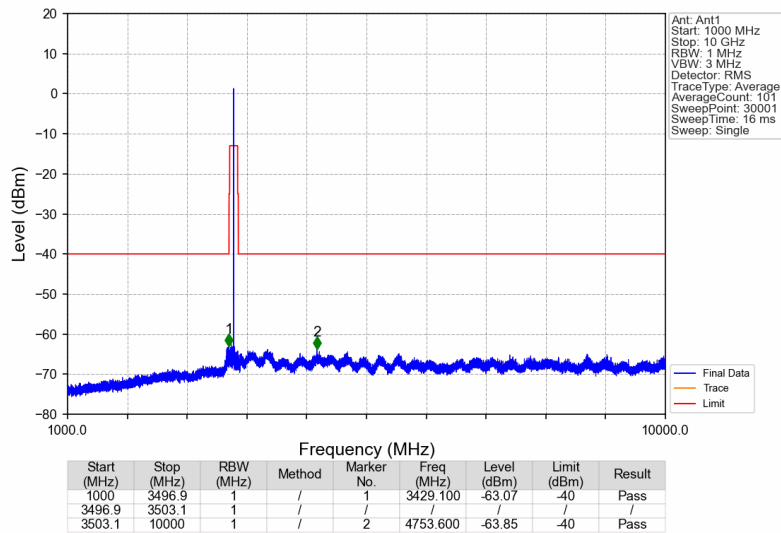
Band 77_3500MHz_GMSK_SISO_Ant1_NTNV



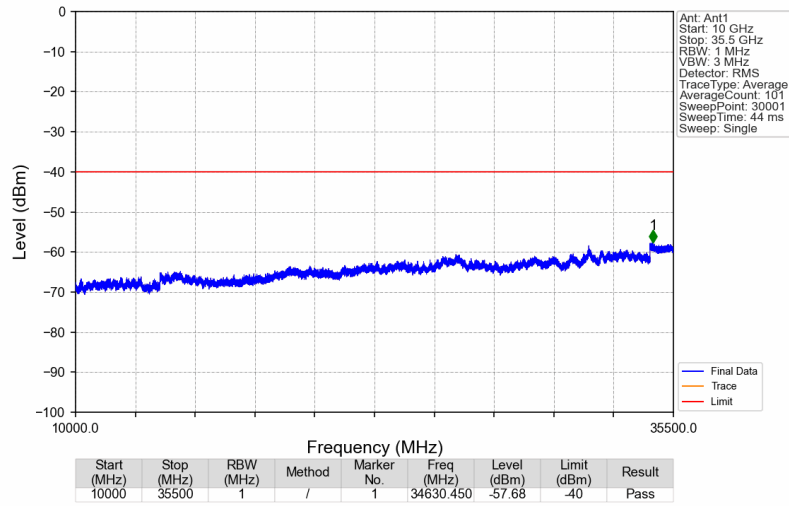
Band 77_3500MHz_GMSK_SISO_Ant1_NTNV



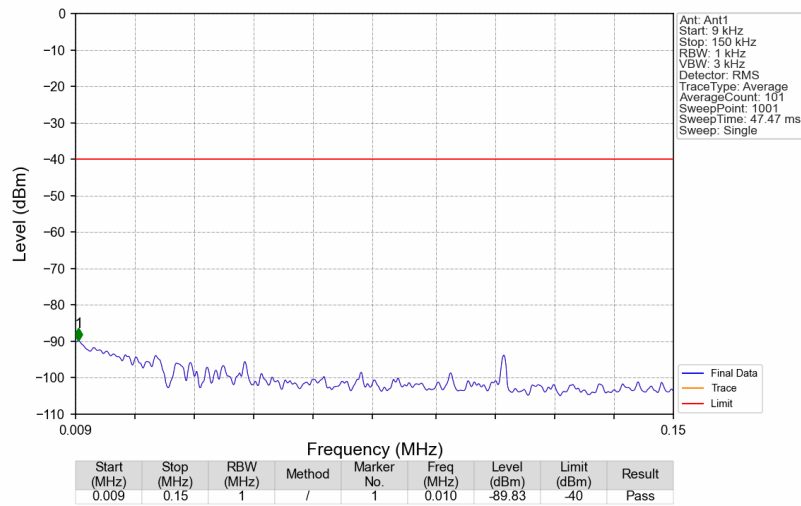
Band 77_3500MHz_GMSK_SISO_Ant1_NTNV



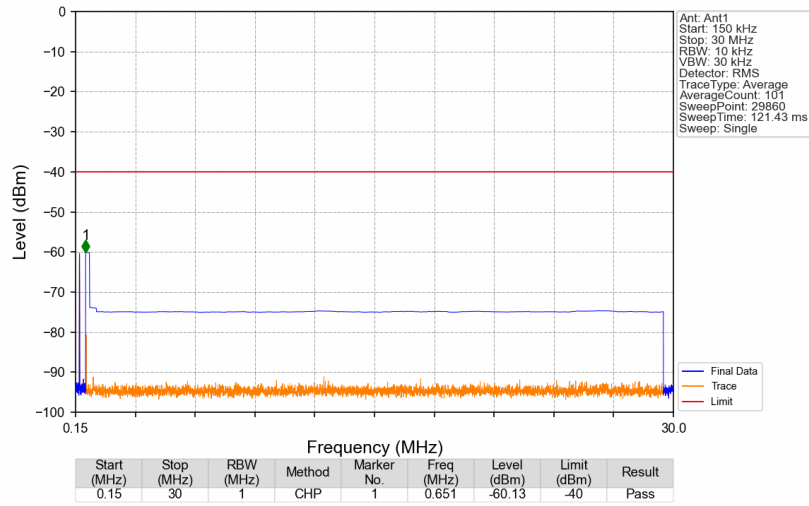
Band 77_3500MHz_GMSK_SISO_Ant1_NTNV



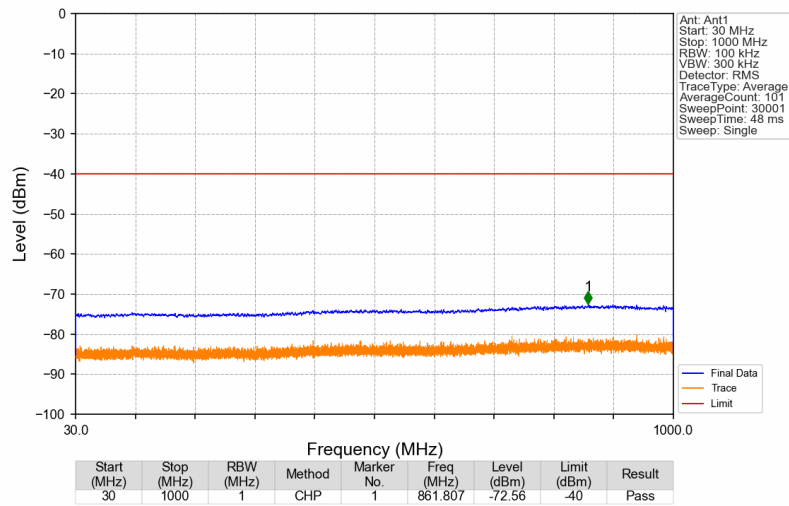
Band 77_3549.9MHz_GMSK_SISO_Ant1_NTNV



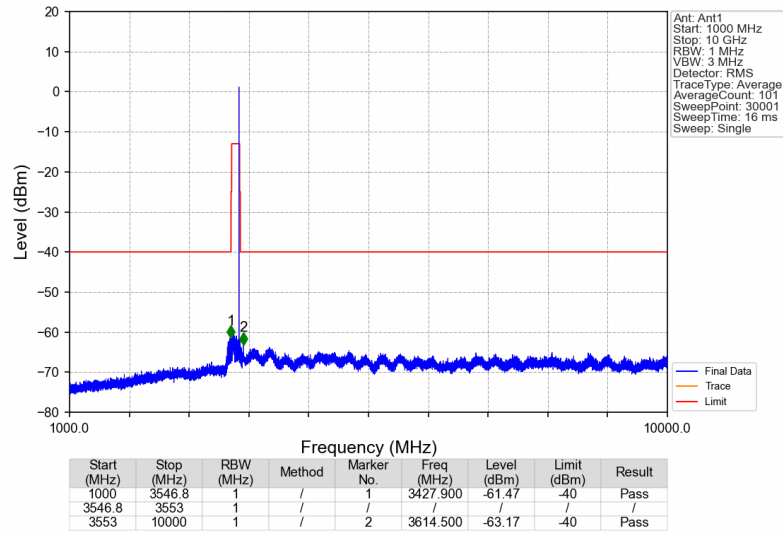
Band 77_3549.9MHz_GMSK_SISO_Ant1_NTNV



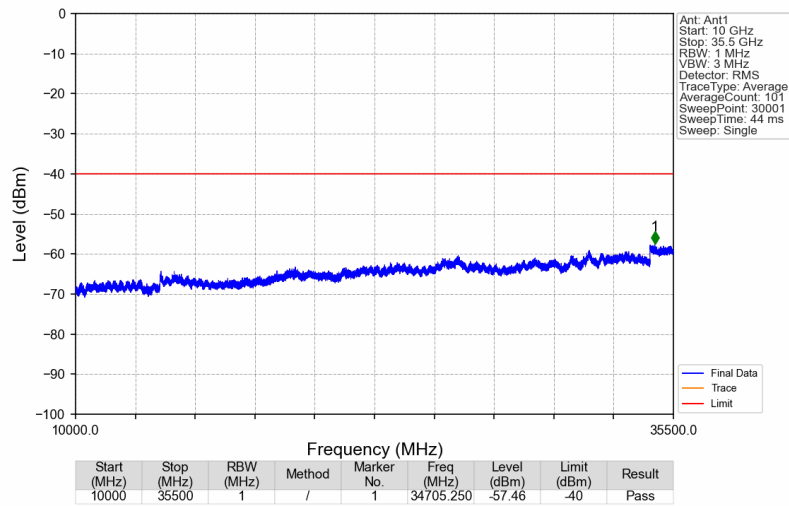
Band 77_3549.9MHz_GMSK_SISO_Ant1_NTNV



Band 77_3549.9MHz_GMSK_SISO_Ant1_NTNV

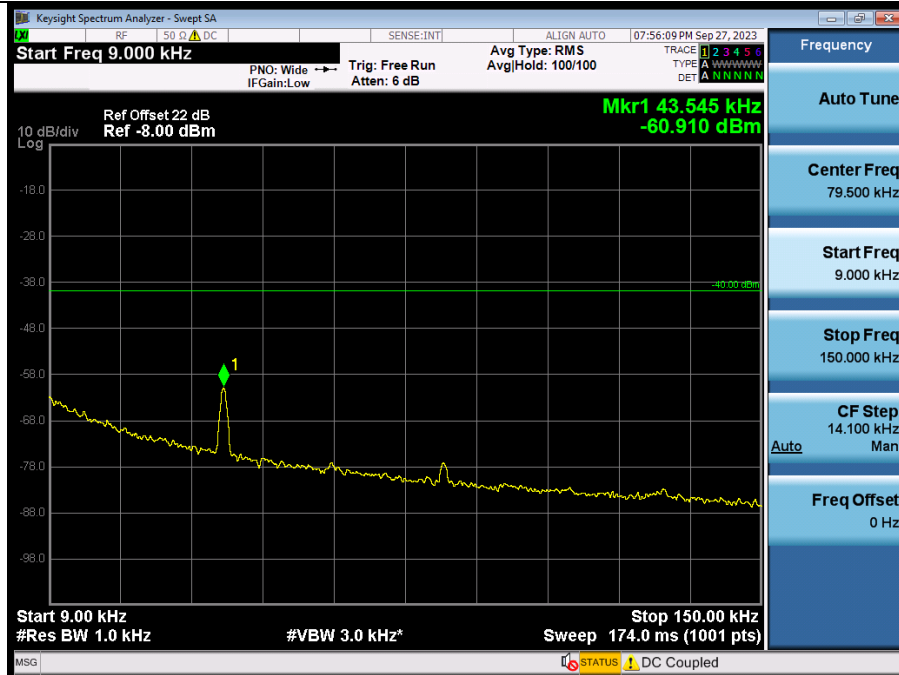


Band 77_3549.9MHz_GMSK_SISO_Ant1_NTNV

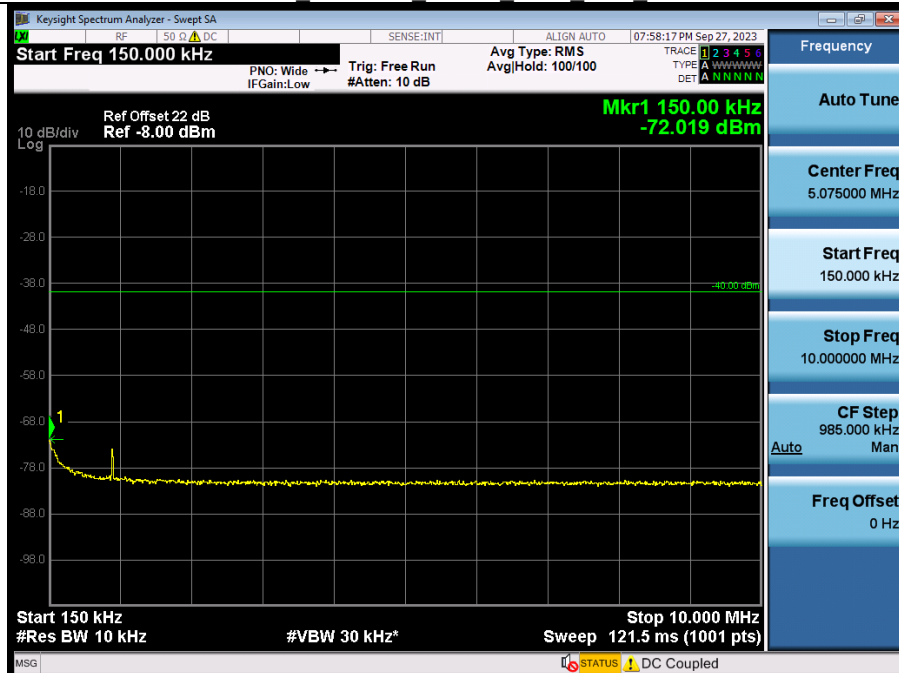


For 100MHz BW

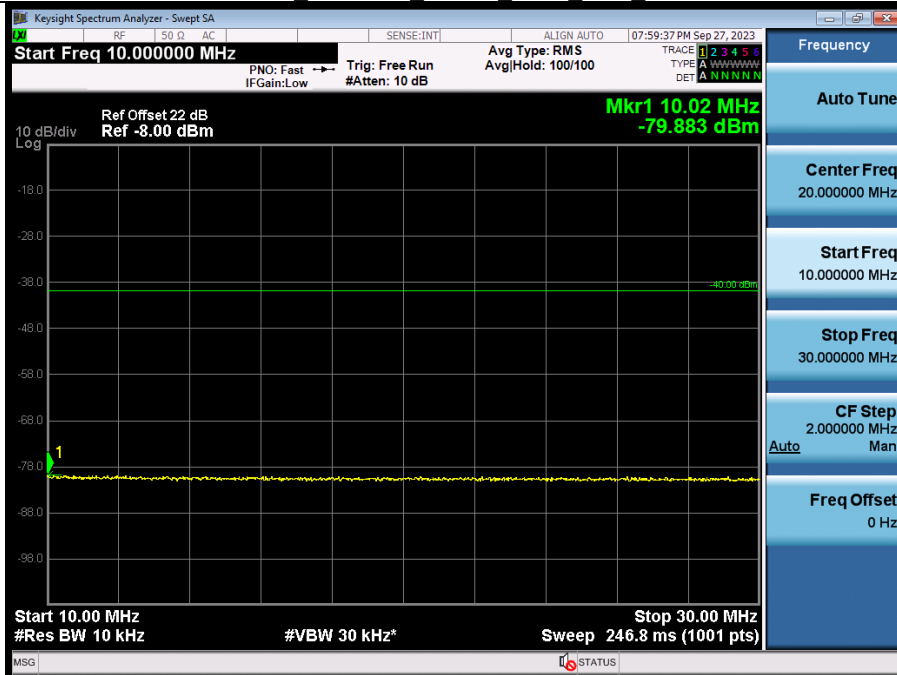
Band 77_3500MHz_AWGN_SISO_Ant1_NTNV



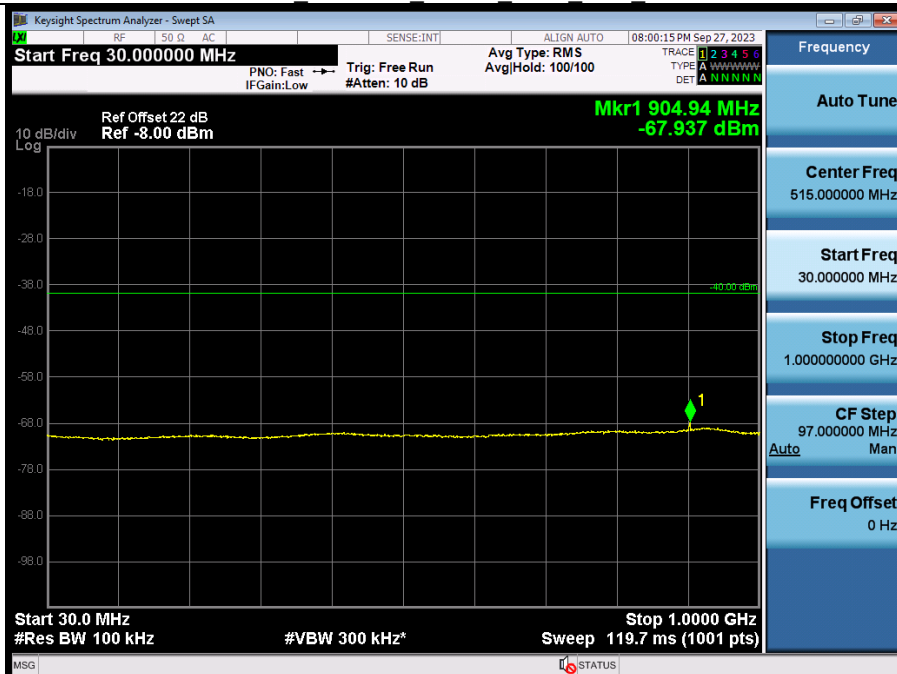
Band 77_3500MHz_AWGN_SISO_Ant1_NTNV



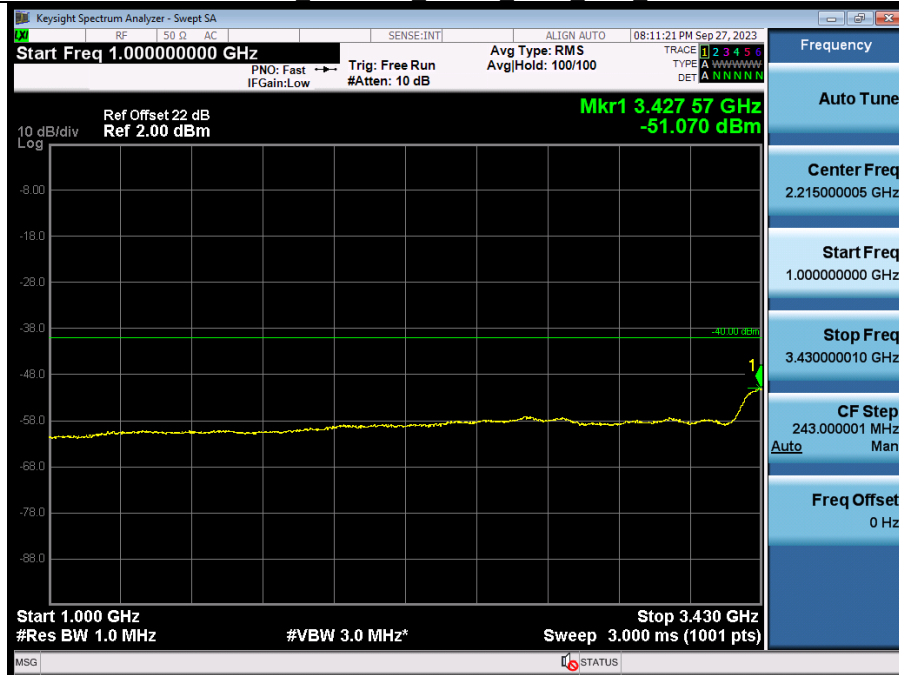
Band 77 3500MHz AWGN SISO Ant1 NTNV



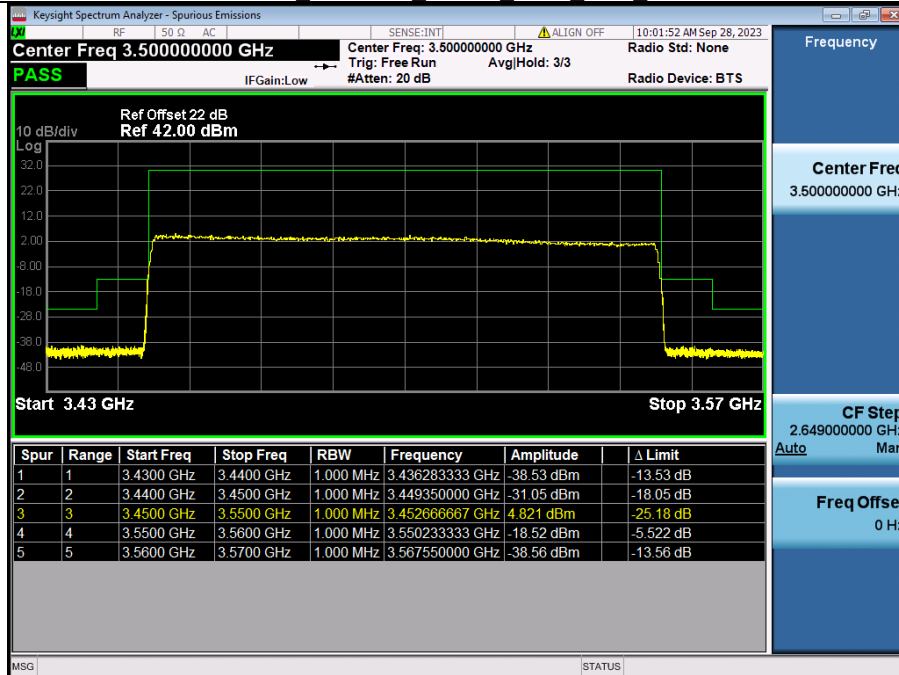
Band 77 3500MHz AWGN SISO Ant1 NTNV



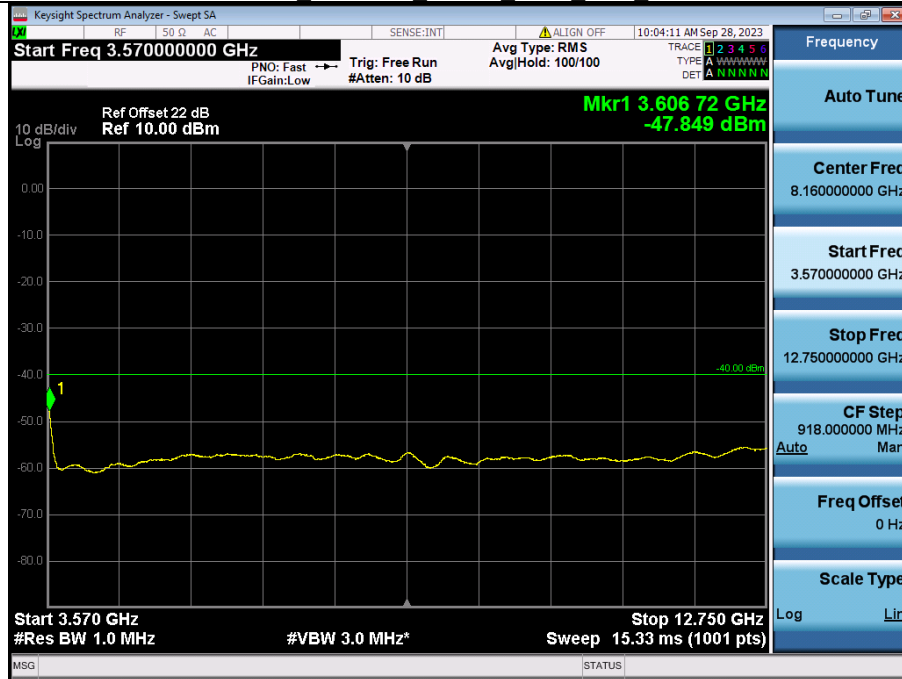
Band 77 3500MHz AWGN SISO Ant1 NTNV



Band 77 3500MHz AWGN SISO Ant1 NTNV

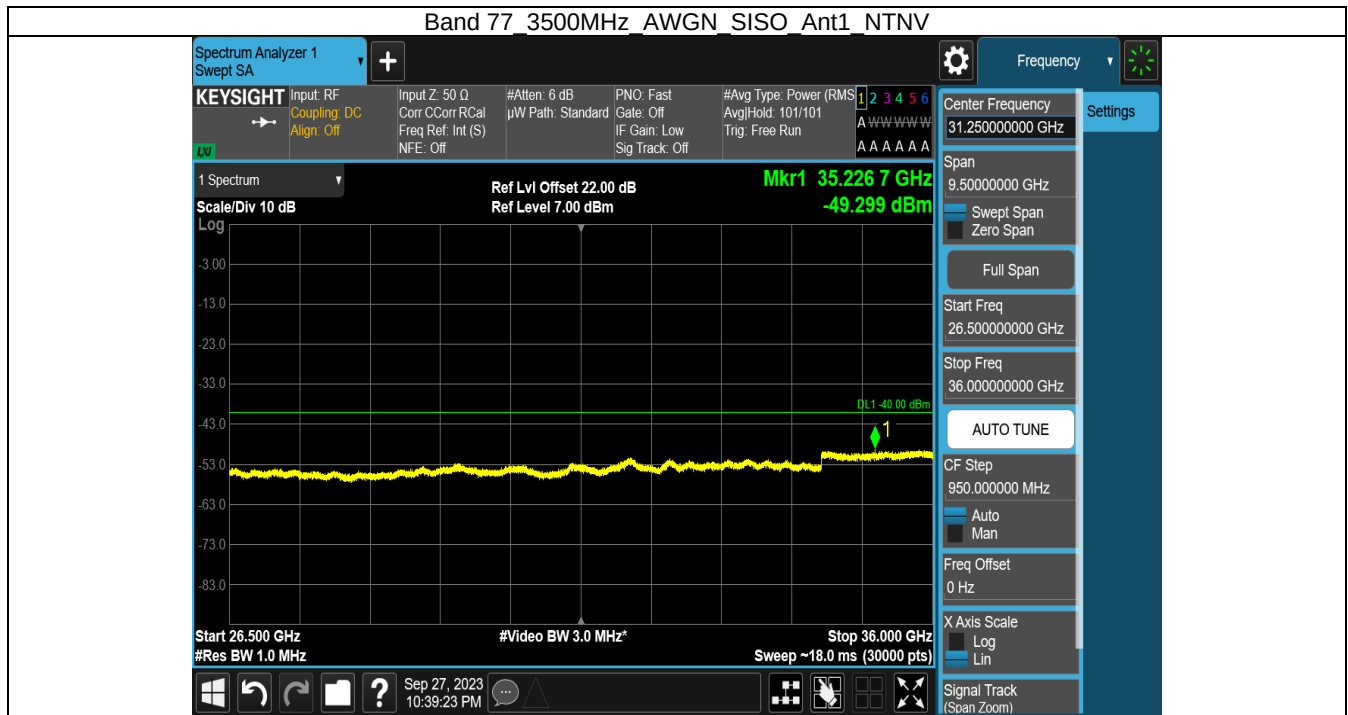


Band 77 3500MHz AWGN SISO Ant1 NTNV



Band 77 3500MHz AWGN SISO Ant1 NTNV





Note:

The above test results also meet the IC -30dBm/MHz requirements, so it does not reflect the test data of -30dBm/MHz

7. Frequency stability measurements

7.1 Band 77_Ant1

7.1.1 Test Result

Band:77 / NTNV							
Signal			Temp (°C)	Voltage (VAC)	Freq. Error (Hz)	Tolerance (ppm)	Verdict
Type	Level (dBm)	Frequency (MHz)					
CW	-4	3450.1	20	102	-234	-0.0678	Pass
				120	-236	-0.0684	Pass
				138	-241	-0.0699	Pass
			-30	120	-236	-0.0684	Pass
			-20	120	-238	-0.0690	Pass
			-10	120	-239	-0.0693	Pass
			0	120	-235	-0.0681	Pass
			10	120	-231	-0.0670	Pass
			30	120	-237	-0.0687	Pass
			40	120	-230	-0.0667	Pass
			50	120	-238	-0.0690	Pass
		3500	20	102	-236	-0.0674	Pass
				120	-241	-0.0689	Pass
				138	-234	-0.0669	Pass
			-30	120	-232	-0.0663	Pass
			-20	120	-233	-0.0666	Pass
			-10	120	-239	-0.0683	Pass
			0	120	-235	-0.0671	Pass
			10	120	-231	-0.0660	Pass
			30	120	-237	-0.0677	Pass
			40	120	-230	-0.0657	Pass
			50	120	-229	-0.0654	Pass
		3549.9	20	102	-228	-0.0642	Pass
				120	-239	-0.0673	Pass
				138	-235	-0.0662	Pass
			-30	120	-235	-0.0662	Pass
			-20	120	-231	-0.0651	Pass
			-10	120	-235	-0.0662	Pass
			0	120	-231	-0.0651	Pass
			10	120	-237	-0.0668	Pass
			30	120	-230	-0.0648	Pass
			40	120	-238	-0.0670	Pass
			50	120	-236	-0.0665	Pass

8. Radiated Spurious Emissions

8.1 Bandn77_Ant1

8.1.1 Test Result

AWGN 3452.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
111.084	Horizontal	-63.25	-40	-23.25	Pass
292.558	Horizontal	-57.22	-40	-17.22	Pass
703.562	Horizontal	-58.23	-40	-18.23	Pass
2055.740	Horizontal	-55.76	-40	-15.76	Pass
5637.990	Horizontal	-52.01	-40	-12.01	Pass
12458.120	Horizontal	-47.85	-40	-7.85	Pass
89.784	Vertical	-68.02	-40	-28.02	Pass
304.468	Vertical	-54.83	-40	-14.83	Pass
715.502	Vertical	-53.22	-40	-13.22	Pass
2054.080	Vertical	-56.43	-40	-16.43	Pass
5616.270	Vertical	-52.77	-40	-12.77	Pass
12470.290	Vertical	-49.96	-40	-9.96	Pass

AWGN 3500MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
88.170	Horizontal	-67.96	-40	-27.96	Pass
279.955	Horizontal	-57.71	-40	-17.71	Pass
653.889	Horizontal	-60.44	-40	-20.44	Pass
1646.380	Horizontal	-52.91	-40	-12.91	Pass
5592.970	Horizontal	-53.56	-40	-13.56	Pass
12395.600	Horizontal	-50.45	-40	-10.45	Pass
91.704	Vertical	-67.11	-40	-27.11	Pass
301.458	Vertical	-55.01	-40	-15.01	Pass
702.362	Vertical	-57.86	-40	-17.86	Pass
1644.120	Vertical	-53.23	-40	-13.23	Pass
5589.640	Vertical	-51.52	-40	-11.52	Pass
12387.810	Vertical	-48.12	-40	-8.12	Pass

AWGN 3547.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
99.004	Horizontal	-66.55	-40	-26.55	Pass
291.078	Horizontal	-62.53	-40	-22.53	Pass
705.222	Horizontal	-60.59	-40	-20.59	Pass
1642.810	Horizontal	-54.56	-40	-14.56	Pass
5567.660	Horizontal	-50.22	-40	-10.22	Pass
12381.520	Horizontal	-48.17	-40	-8.17	Pass
109.680	Vertical	-69.27	-40	-29.27	Pass
269.905	Vertical	-60.16	-40	-20.16	Pass
656.119	Vertical	-55.82	-40	-15.82	Pass
1610.080	Vertical	-55.48	-40	-15.48	Pass
5558.450	Vertical	-51.96	-40	-11.96	Pass
12407.440	Vertical	-48.61	-40	-8.61	Pass

GMSK 3450.2MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
105.704	Horizontal	-63.94	-40	-23.94	Pass
414.148	Horizontal	-57.87	-40	-17.87	Pass
672.462	Horizontal	-58.80	-40	-18.8	Pass
1405.020	Horizontal	-57.26	-40	-17.26	Pass
5961.120	Horizontal	-51.92	-40	-11.92	Pass
12757.930	Horizontal	-48.64	-40	-8.64	Pass
96.520	Vertical	-68.52	-40	-28.52	Pass
233.615	Vertical	-61.24	-40	-21.24	Pass
754.509	Vertical	-59.31	-40	-19.31	Pass
1370.960	Vertical	-58.26	-40	-18.26	Pass
5961.540	Vertical	-50.76	-40	-10.76	Pass
12782.140	Vertical	-46.51	-40	-6.51	Pass

GMSK 3500MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
103.664	Horizontal	-62.16	-40	-22.16	Pass
398.098	Horizontal	-60.13	-40	-20.13	Pass
673.062	Horizontal	-57.07	-40	-17.07	Pass
1390.040	Horizontal	-53.66	-40	-13.66	Pass
5952.010	Horizontal	-54.65	-40	-14.65	Pass
12743.460	Horizontal	-50.74	-40	-10.74	Pass
79.750	Vertical	-69.07	-40	-29.07	Pass
276.955	Vertical	-54.77	-40	-14.77	Pass
753.889	Vertical	-58.68	-40	-18.68	Pass
1400.750	Vertical	-58.67	-40	-18.67	Pass
5956.950	Vertical	-49.14	-40	-9.14	Pass
12777.550	Vertical	-47.35	-40	-7.35	Pass

GMSK 3549.8MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
84.370	Horizontal	-67.34	-40	-27.34	Pass
262.475	Horizontal	-56.50	-40	-16.50	Pass
768.299	Horizontal	-60.00	-40	-20.00	Pass
1315.430	Horizontal	-55.79	-40	-15.79	Pass
5905.110	Horizontal	-53.93	-40	-13.93	Pass
12604.420	Horizontal	-48.94	-40	-8.94	Pass
119.544	Vertical	-66.09	-40	-26.09	Pass
392.898	Vertical	-59.17	-40	-19.17	Pass
699.892	Vertical	-59.67	-40	-19.67	Pass
1626.290	Vertical	-52.23	-40	-12.23	Pass
5538.960	Vertical	-55.14	-40	-15.14	Pass
12359.990	Vertical	-47.02	-40	-7.02	Pass

For 100MHz BW

AWGN 3500MHz					
Frequency	Spurious Emission		Limit	Over Limit	Verdict

	Polarization and Level				
MHz	Polarization	dBm	dBm	dB	
119.864	Horizontal	-66.11	-40	-26.11	Pass
370.828	Horizontal	-58.41	-40	-18.41	Pass
664.832	Horizontal	-57.93	-40	-17.93	Pass
1336.950	Horizontal	-50.22	-40	-10.22	Pass
5907.190	Horizontal	-49.30	-40	-9.3	Pass
12624.160	Horizontal	-48.10	-40	-8.1	Pass
63.150	Vertical	-65.24	-40	-25.24	Pass
274.775	Vertical	-55.47	-40	-15.47	Pass
759.509	Vertical	-52.48	-40	-12.48	Pass
1629.890	Vertical	-52.69	-40	-12.69	Pass
5542.880	Vertical	-50.59	-40	-10.59	Pass
12361.750	Vertical	-47.78	-40	-7.78	Pass

Note:

The above test results also meet the requirements of IC -30dBm /MHz, so it does not reflect the test data of -30dBm/MHz