

Appendix for SZCR2307002336AT-NR-3450MHz-3550MHz

1. Out of band rejection

1.1 Band n78e

1.1.1 Test Result

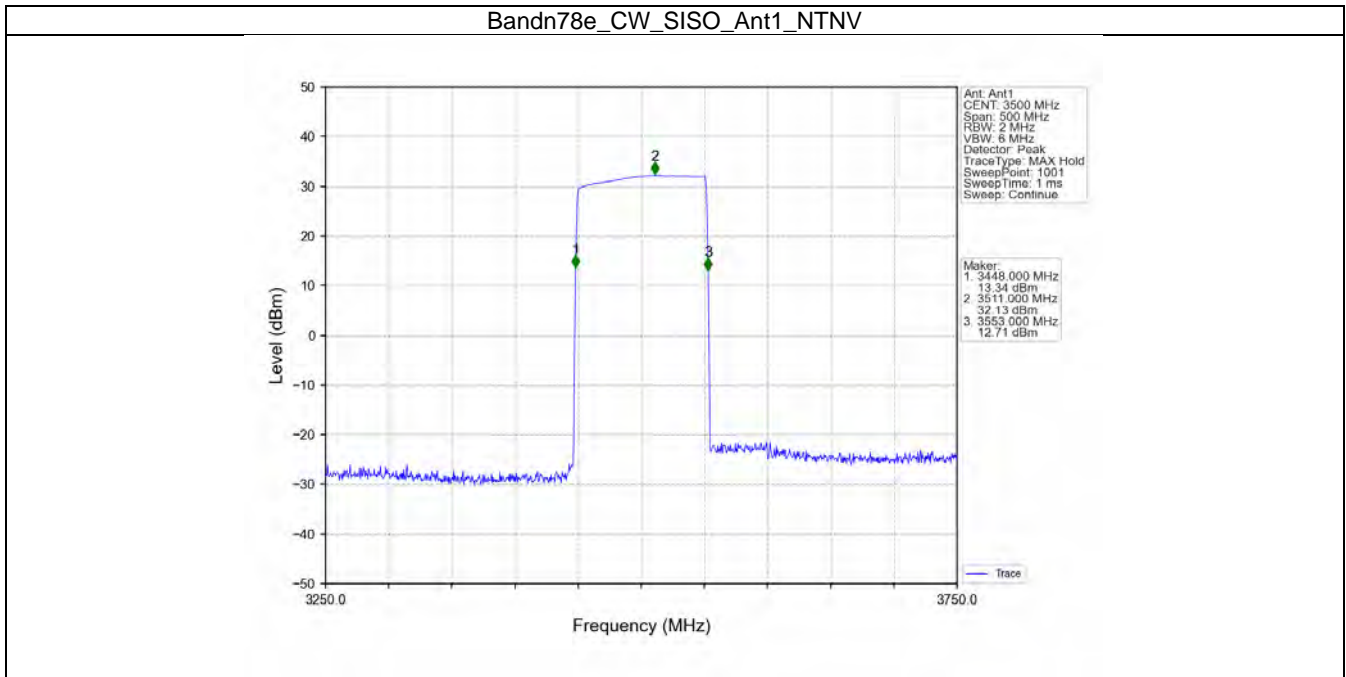
Band: n78e / NTV							
Signal	Sweep Frequency Range (MHz)	TX Type	ANT	F0 (MHz)	FL (MHz)	FH (MHz)	Verdict
CW	3250 - 3750	SISO	1	3511.000	3448.000	3553.000	Pass



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1.1.2 Test Graph



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## 2. AGC threshold

### 2.1 Bandn78e

#### 2.1.1 Test Result

Band: n78e / NTV					
Signal	Frequency (MHz)	TX Type	ANT	AGC Threshold (dBm)	Verdict
AWGN	3511	SISO	1	0.10	Pass
GMSK	3511	SISO	1	0.10	Pass



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### 3. Input-versus-output signal comparison

#### 3.1 Bandn78e\_OBW

##### 3.1.1 Test Result

Band: n78e / NTNV							
Type	Signal		TX Type	ANT	99% OBW (MHz)		Verdict
	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	0.1	3511	SISO	1	4.538	4.536	Pass
	3.1	3511	SISO	1	4.546	4.537	Pass
GMSK	0.1	3511	SISO	1	0.243	0.245	Pass
	3.1	3511	SISO	1	0.245	0.243	Pass

#### For 100MHz BW

Band: n78e / NTNV							
Type	Signal		TX Type	ANT	99% OBW (MHz)		Verdict
	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	0.1	3500	SISO	1	95.850	96.100	Pass
	3.1	3500	SISO	1	95.872	96.067	Pass

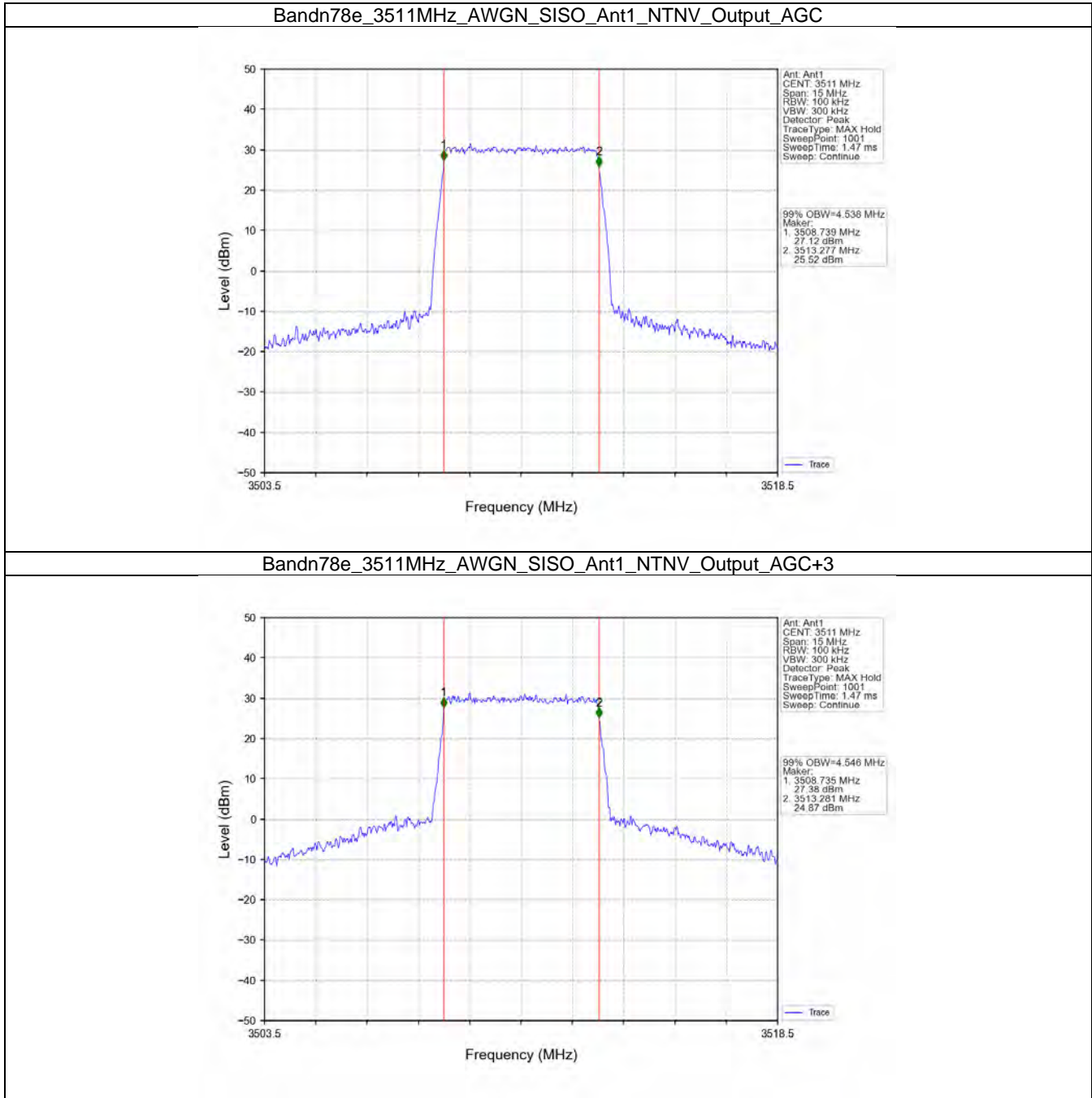


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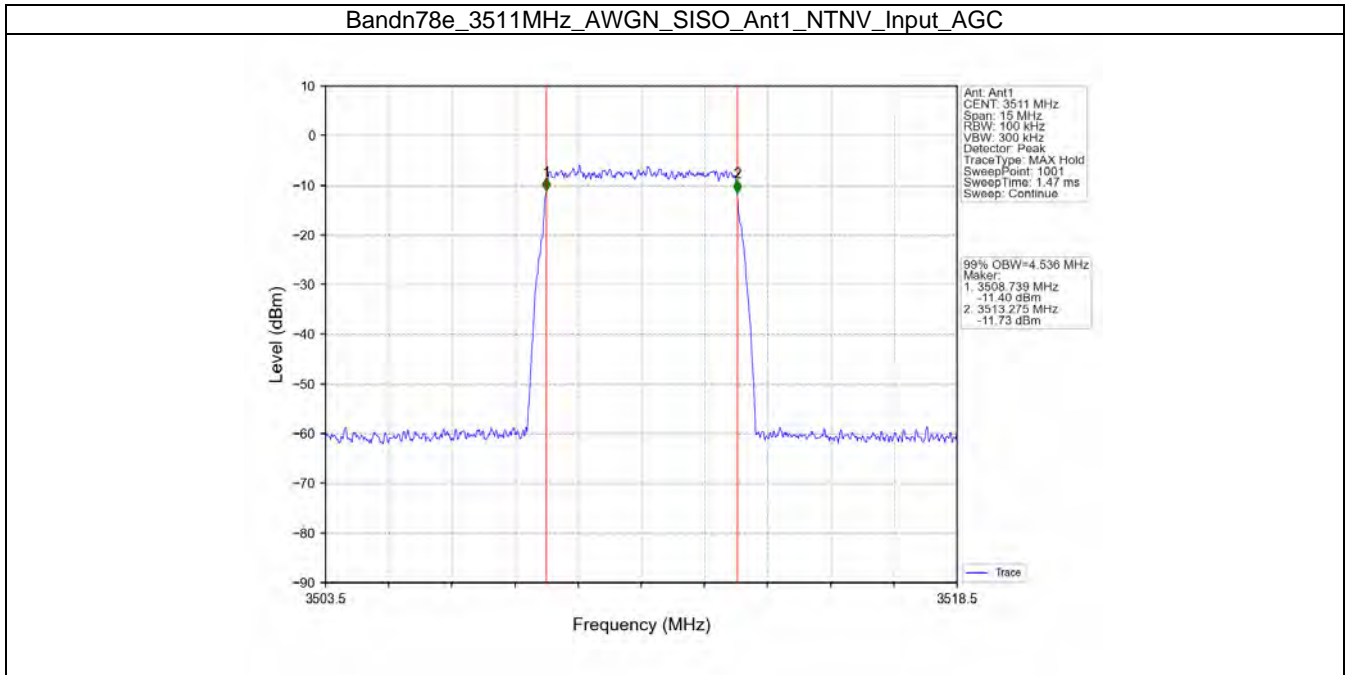
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3.1.2 Test Graph

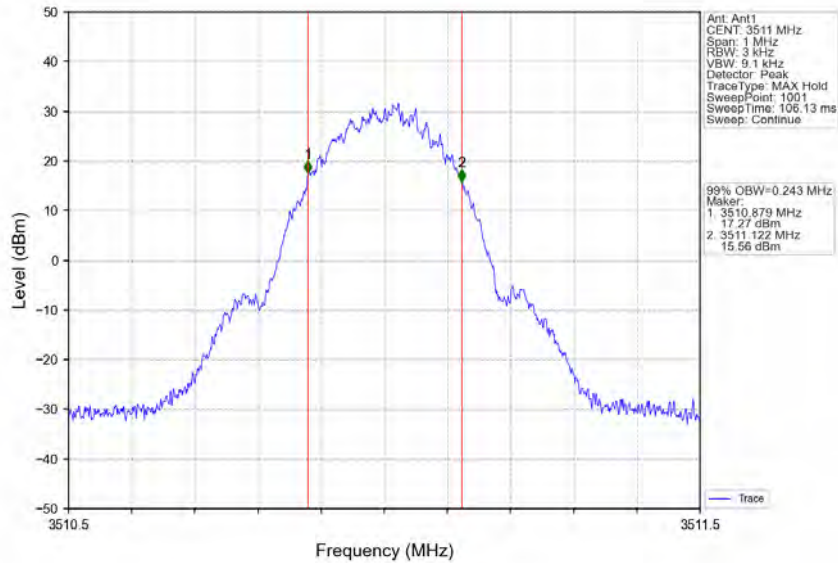


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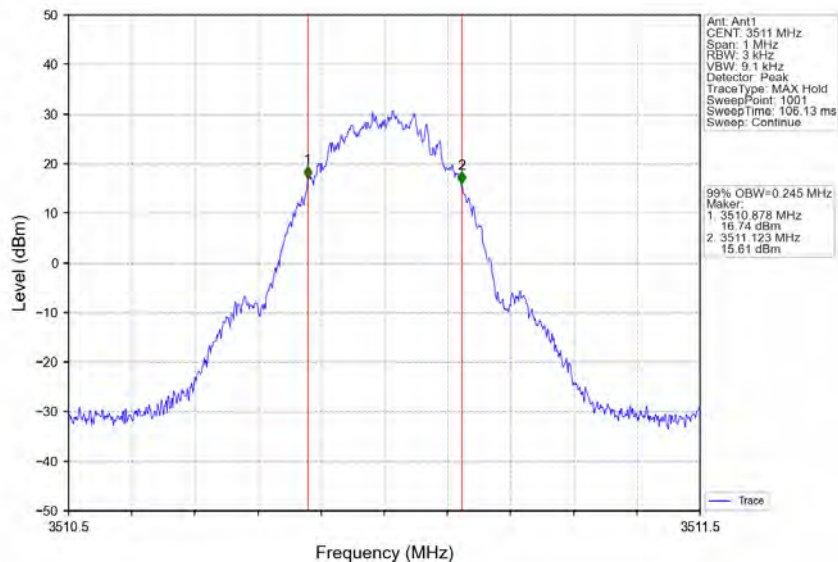


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Bandn78e\_3511MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC



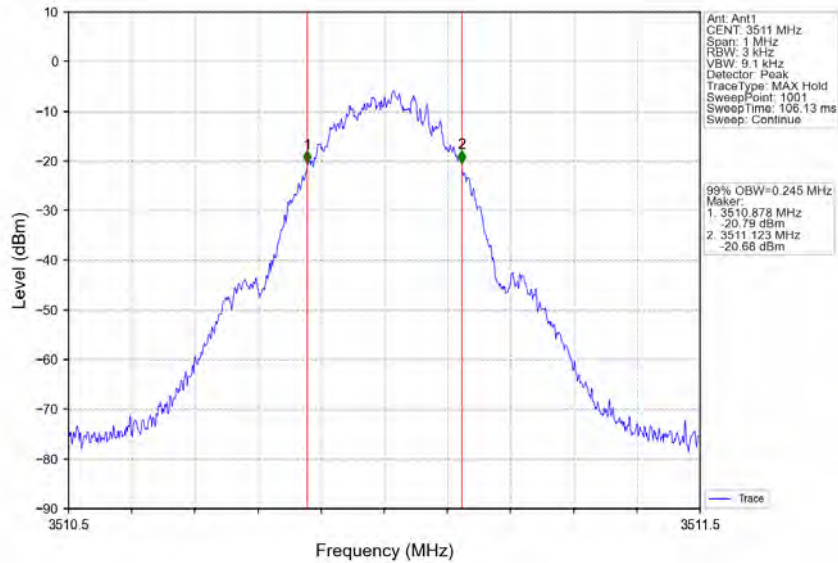
Bandn78e\_3511MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC+3



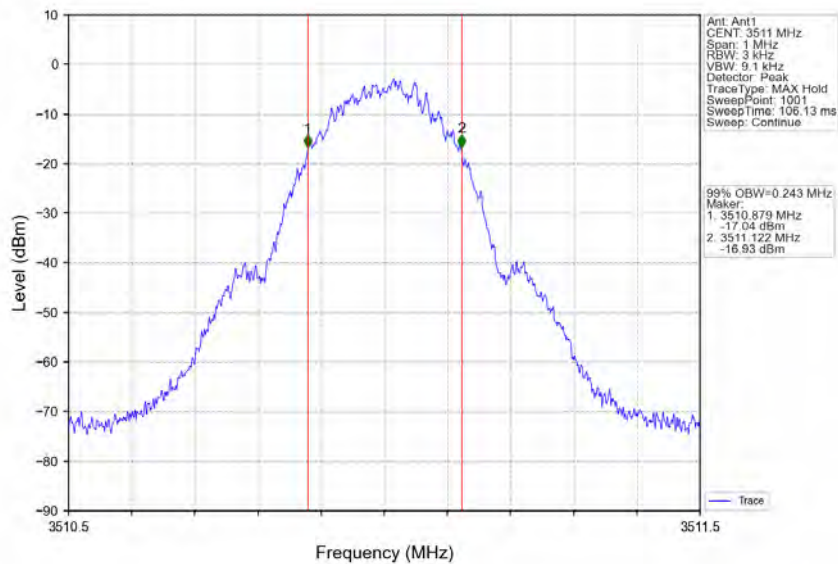
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Bandn78e\_3511MHz\_GMSK\_SISO\_Ant1\_NTNV\_Input\_AGC



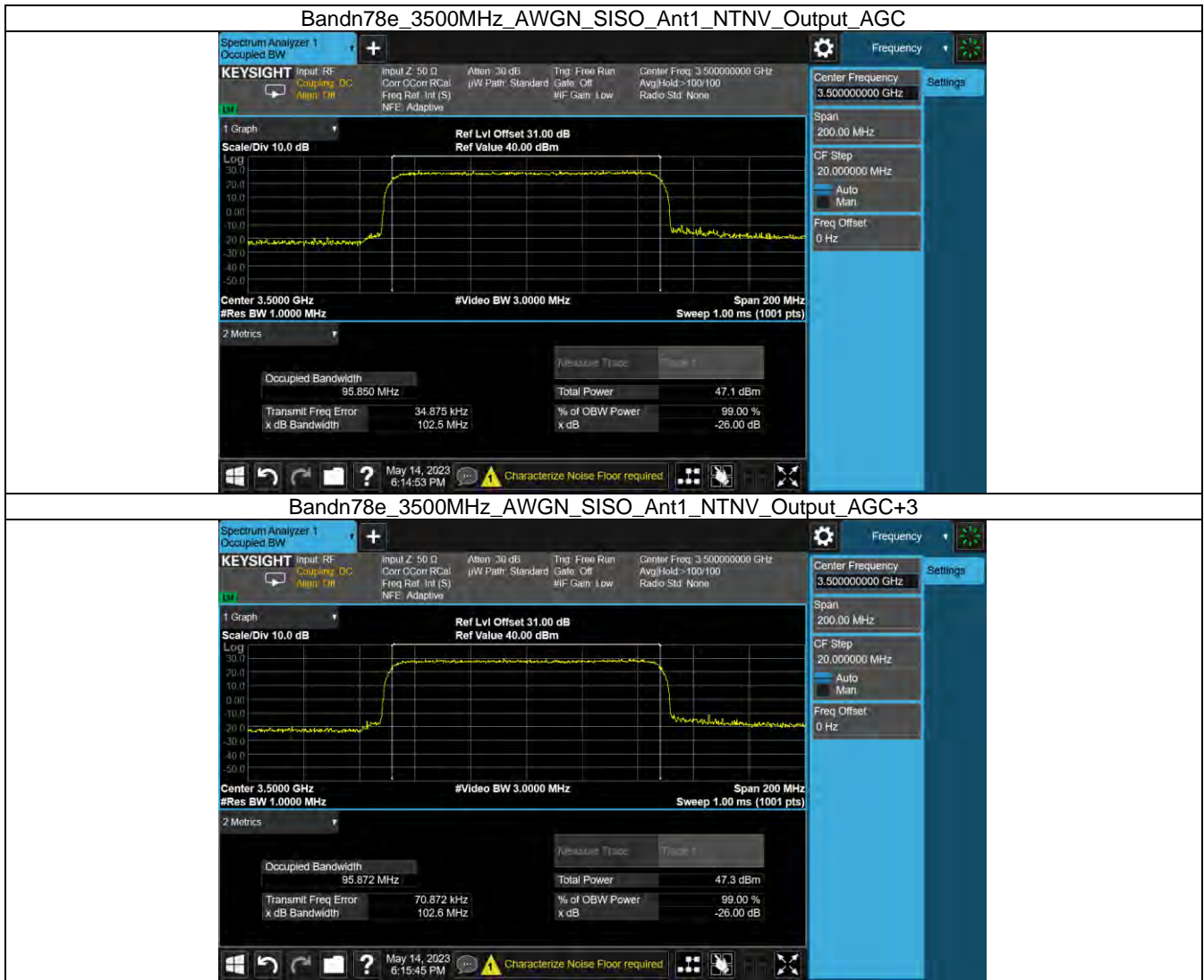
Bandn78e\_3511MHz\_GMSK\_SISO\_Ant1\_NTNV\_Input\_AGC+3



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For 100MHz BW



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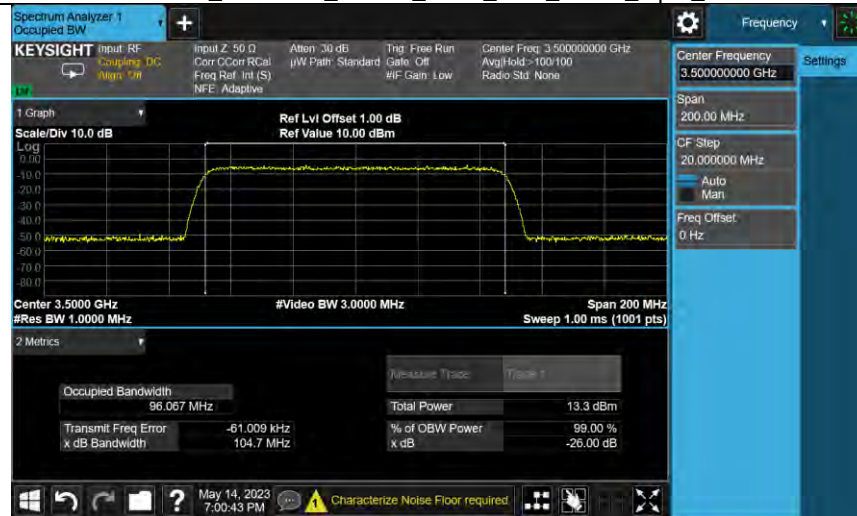
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Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC



Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC+3



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### 3.2 Bandn78e\_EBW

#### 3.2.1 Test Result

Band: n78e / NTV							
Type	Signal		TX Type	ANT	26dB EBW (MHz)		Verdict
	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	0.1	3511	SISO	1	5.074	5.064	Pass
	3.1	3511	SISO	1	5.065	5.065	Pass
GMSK	0.1	3511	SISO	1	0.313	0.314	Pass
	3.1	3511	SISO	1	0.312	0.316	Pass

For 100MHz BW

Band: n78e / NTV							
Type	Signal		TX Type	ANT	26dB EBW (MHz)		Verdict
	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	0.1	3500	SISO	1	102.320	104.420	Pass
	3.1	3500	SISO	1	102.340	104.380	Pass

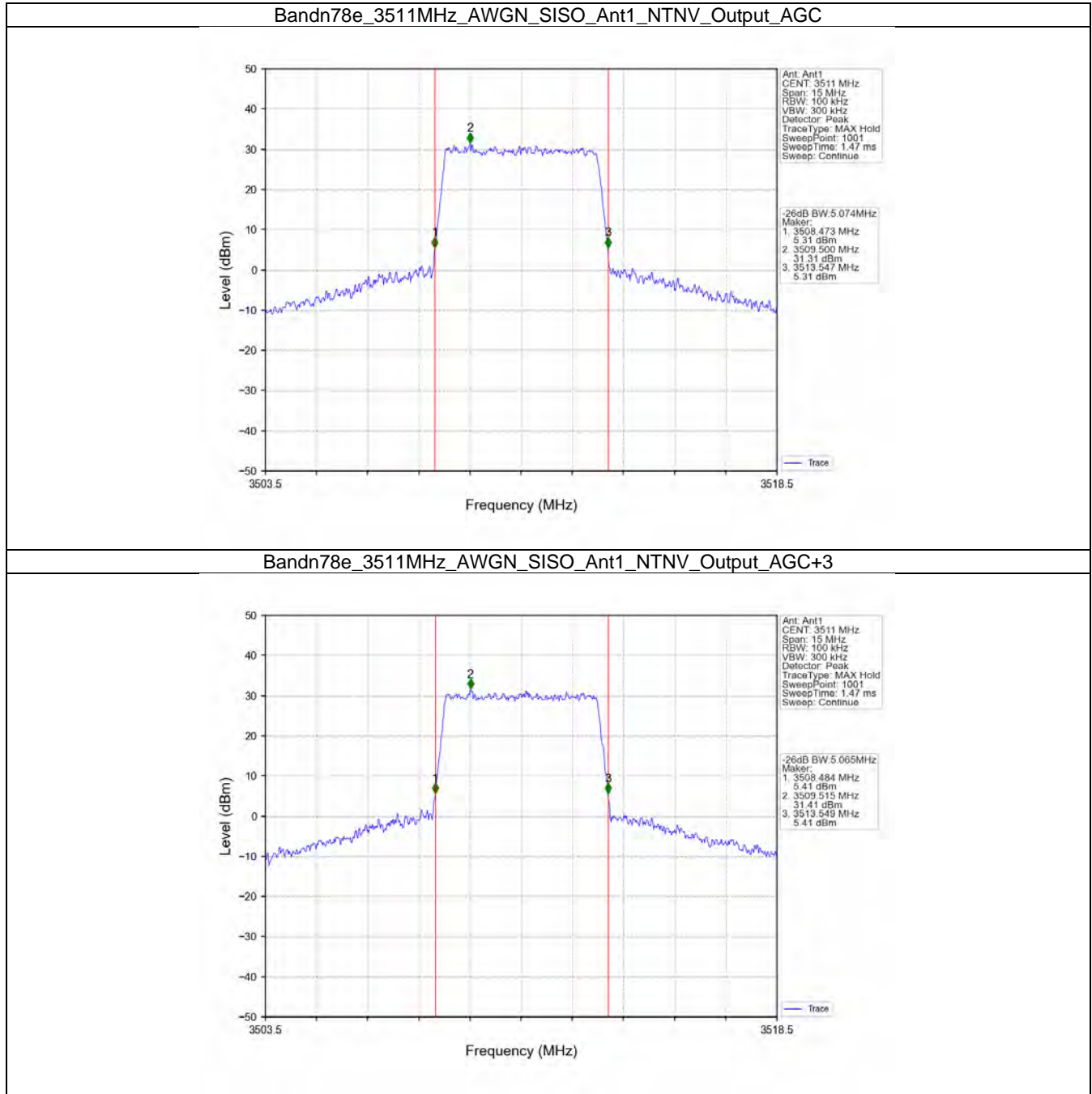


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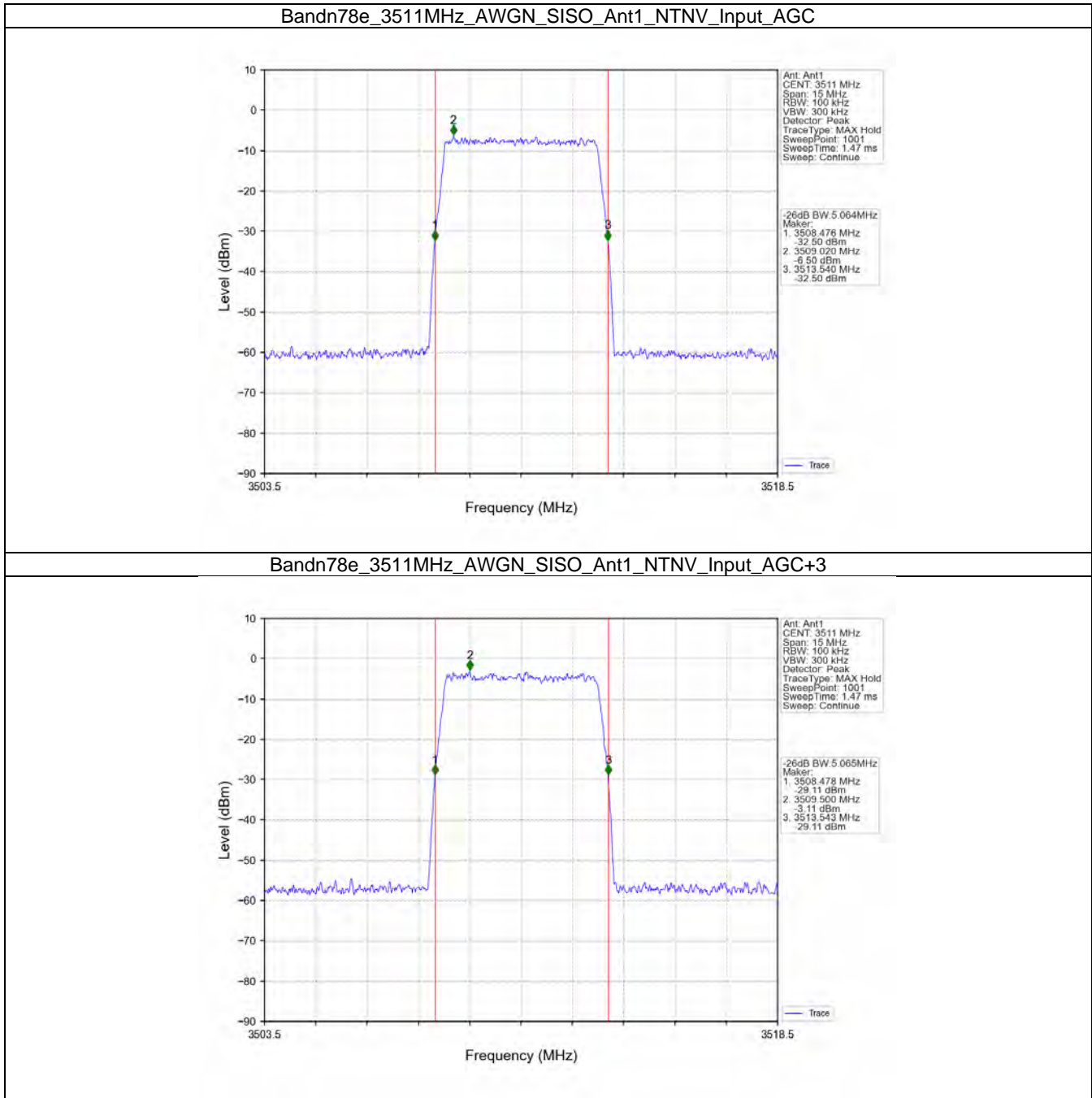
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3.2.2 Test Graph



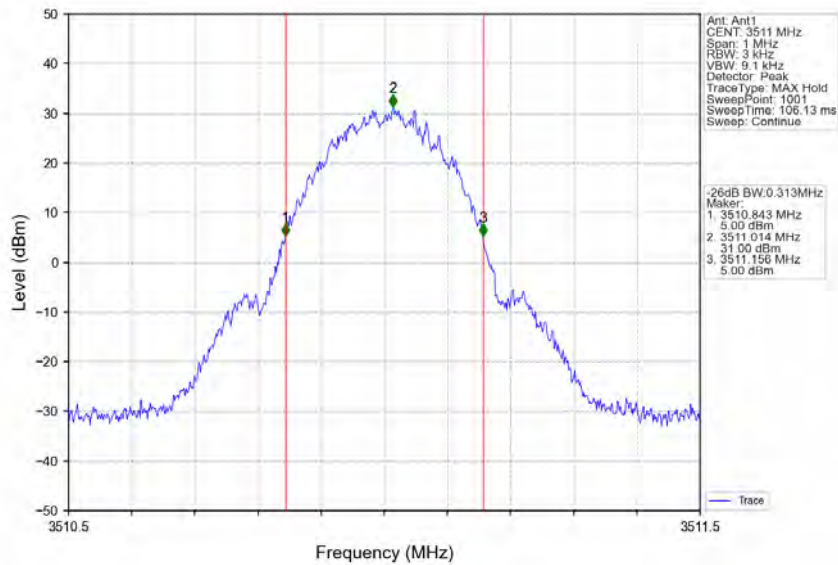
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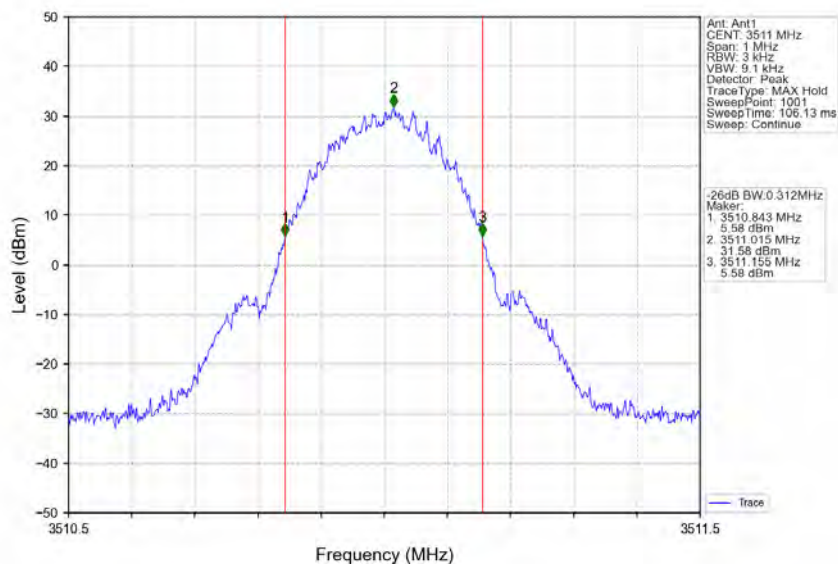
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Bandn78e\_3511MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC

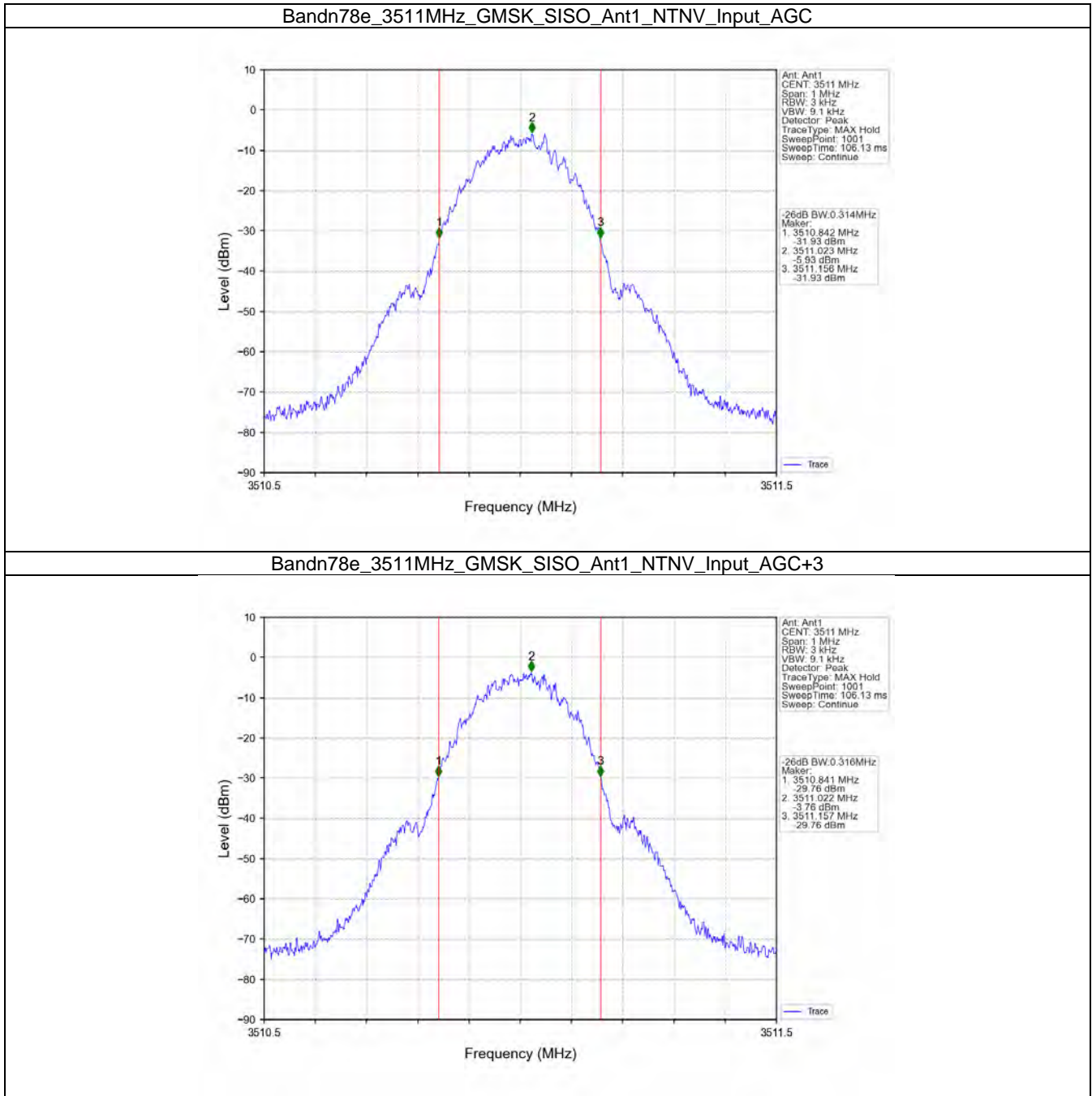


Bandn78e\_3511MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC+3



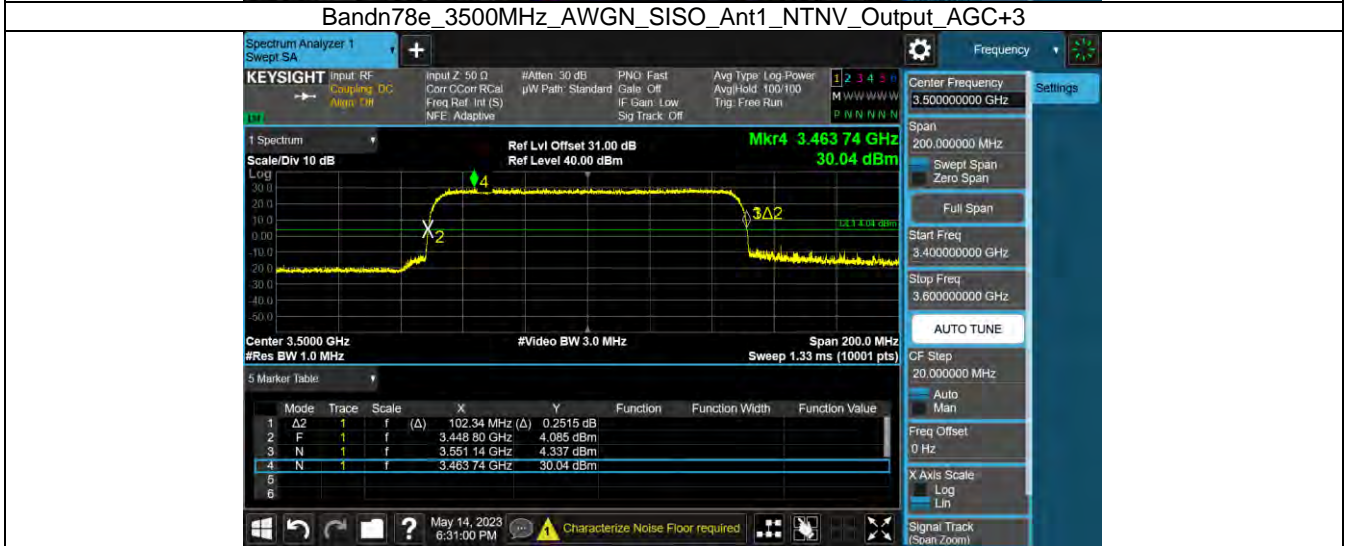
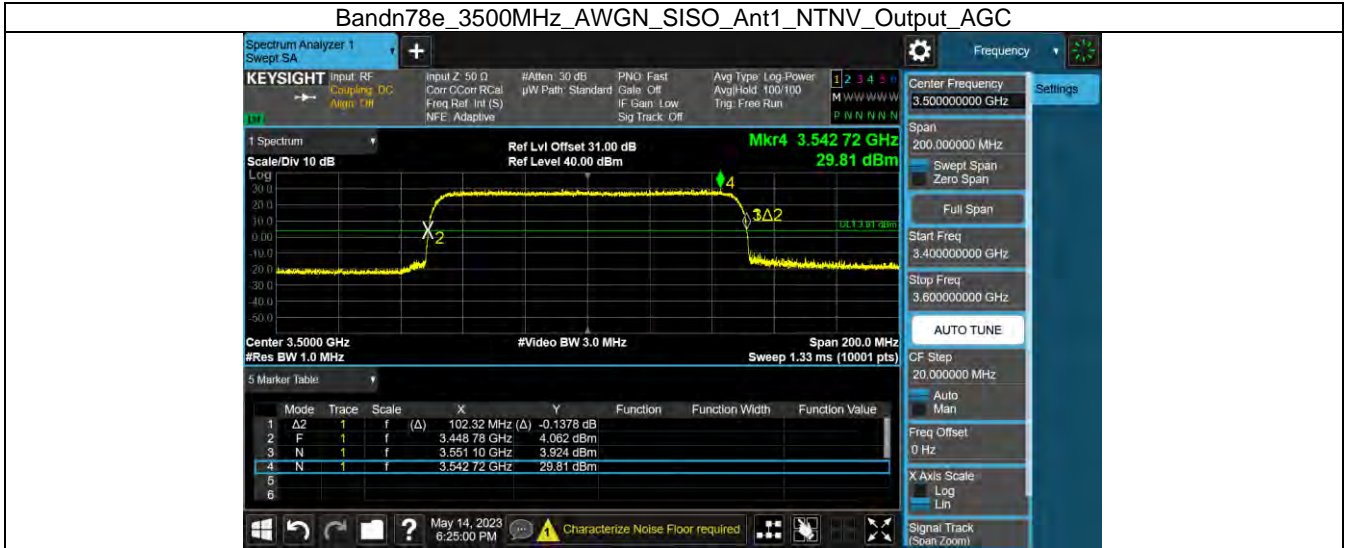
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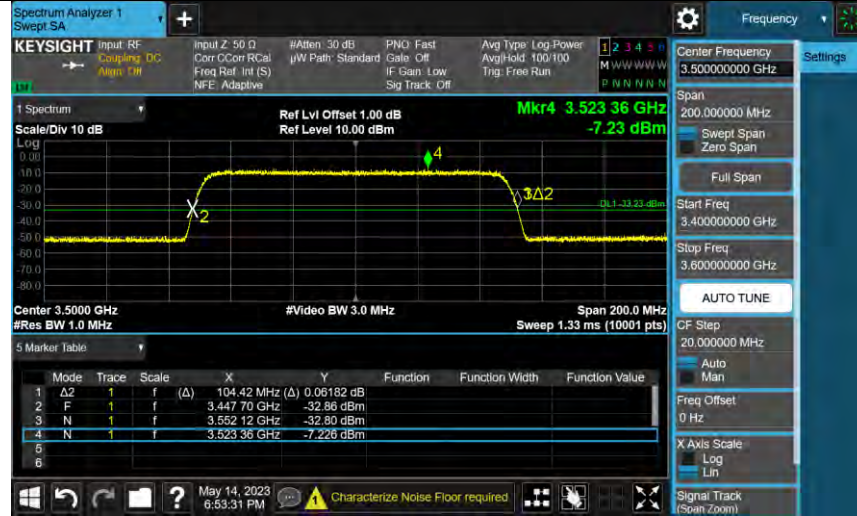
For 100MHz BW



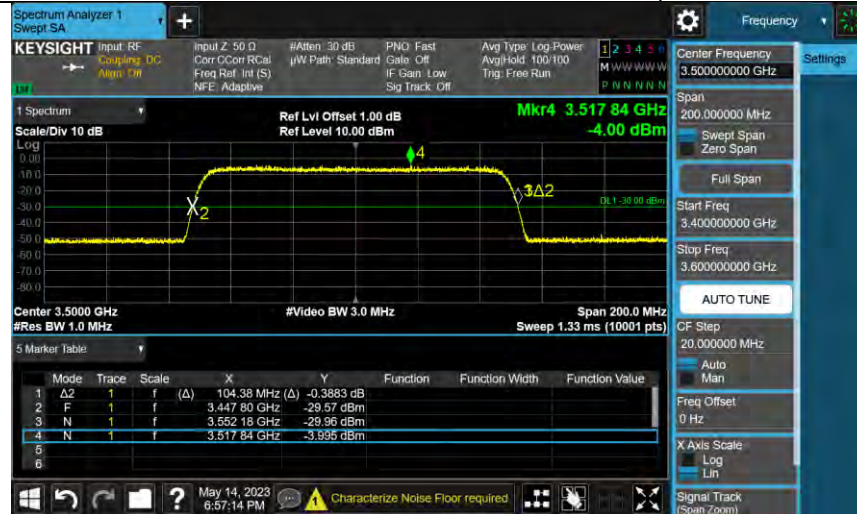
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Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC



Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC+3



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#### 4. Input/output power and amplifier/booster gain

##### 4.1 Bandn78e\_EIRP

##### 4.1.1 Test Result

Band: n78e / NTV										
Signal			TX Type	ANT	Conducted Power (dBm/MHz)		EIRP (dBm/MHz)		Booster Gain (dB)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	Result	Limit		
AWGN	0.1	3511	SISO	1	30.17	-6.89	36.17	<=62.15	37.06	Pass
	3.1	3511	SISO	1	30.30	-3.86	36.30	<=62.15	/	Pass
GMSK	0.1	3511	SISO	1	37.40	0.13	43.40	<=62.15	37.27	Pass
	3.1	3511	SISO	1	37.48	3.15	43.48	<=62.15	/	Pass

Band: n78e / NTV									
Signal			TX Type	ANT	Conducted Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict	
Type	Level (dBm)	Frequency (MHz)							
AWGN	0.1	3511	SISO	1	37.16	43.16	/	Pass	
	3.1	3511	SISO	1	37.29	43.29	/	Pass	
GMSK	0.1	3511	SISO	1	37.40	43.40	/	Pass	
	3.1	3511	SISO	1	37.48	43.48	/	Pass	

For 100MHz BW

Band: n78e / NTV										
Signal			TX Type	ANT	Conducted Power (dBm/MHz)		EIRP (dBm/MHz)		Booster Gain (dB)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	Result	Limit		
AWGN	0.1	3500	SISO	1	17.31	-19.95	23.31	<=62.15	37.26	Pass
	3.1	3500	SISO	1	17.57	-16.92	23.57	<=62.15	/	Pass

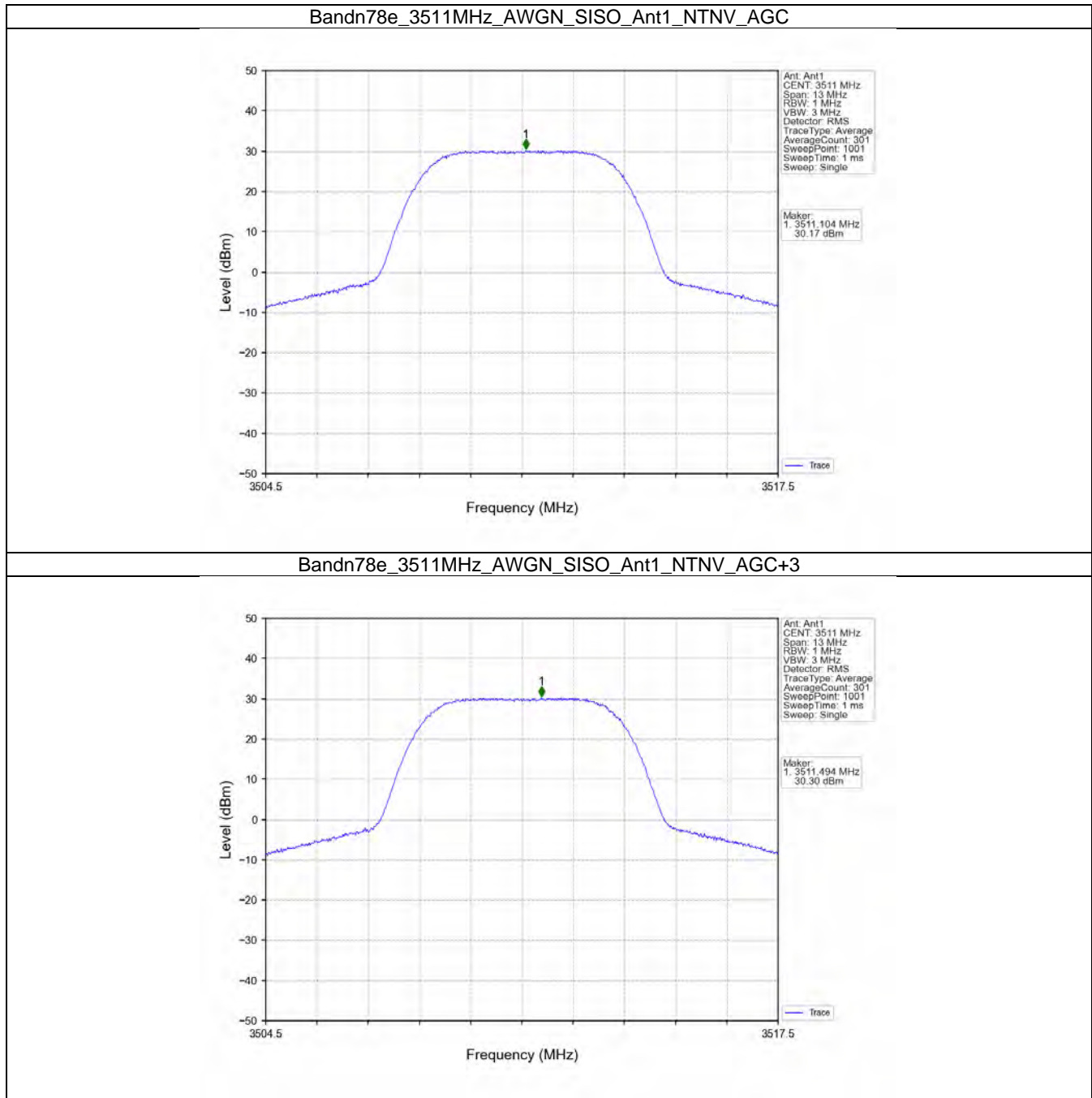
Band: n78e / NTV									
Signal			TX Type	ANT	Conducted Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict	
Type	Level (dBm)	Frequency (MHz)							
AWGN	0.1	3500	SISO	1	37.31	43.31	/	Pass	
	3.1	3500	SISO	1	37.57	43.57	/	Pass	



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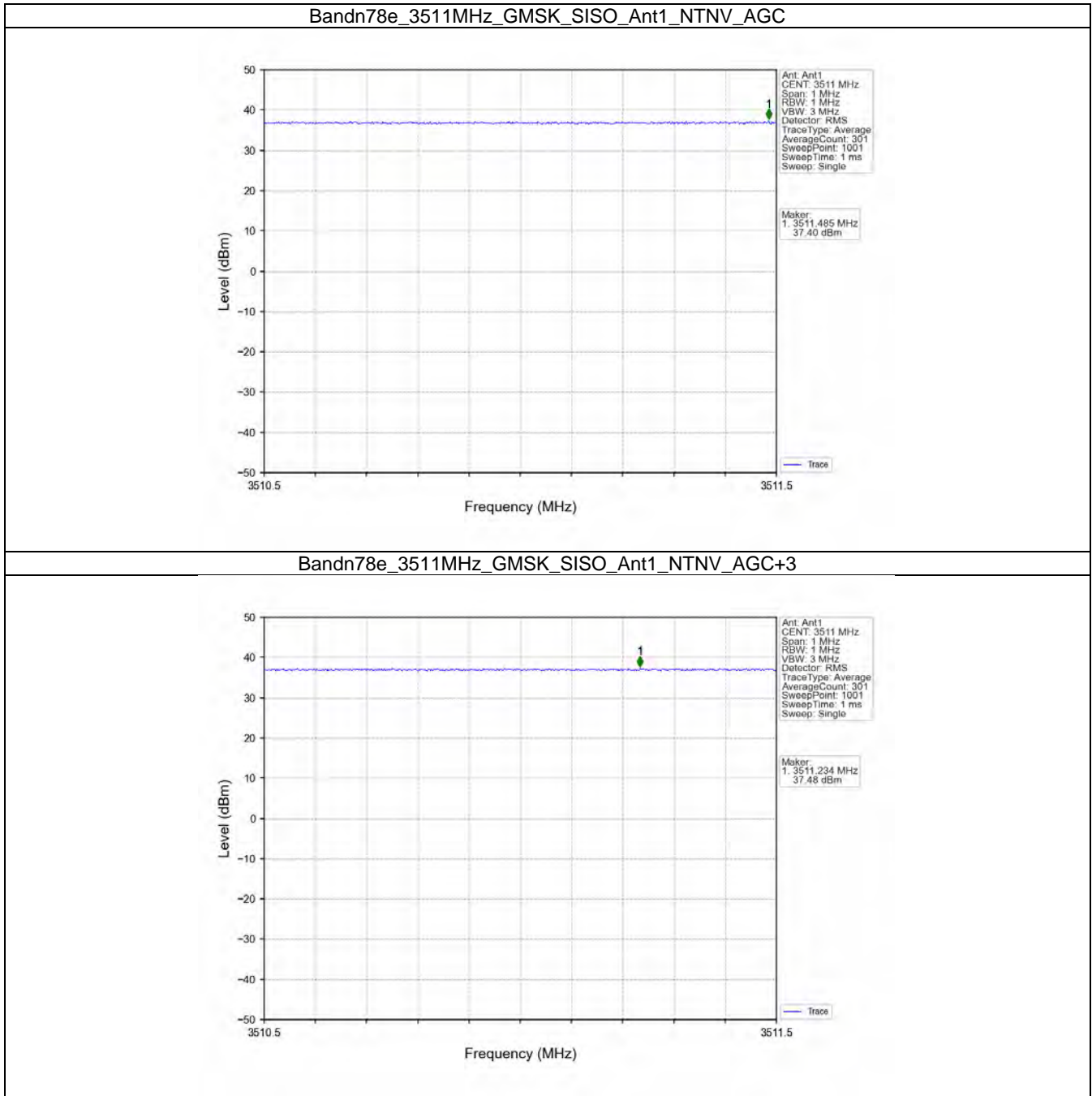
4.1.2 Test Graph



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中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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For 100MHz BW



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## 4.2 Bandn78e\_PAPR

### 4.2.1 Test Result

Band: n78e / NTV							
Type	Signal		TX Type	ANT	PAPR (dB)		Verdict
	Level (dBm)	Frequency (MHz)			Result	Limit	
AWGN	0.1	3511	SISO	1	7.58	<=13	Pass
	3.1	3511	SISO	1	7.56	<=13	Pass
GMSK	0.1	3511	SISO	1	0.44	<=13	Pass
	3.1	3511	SISO	1	0.37	<=13	Pass

For 100MHz BW

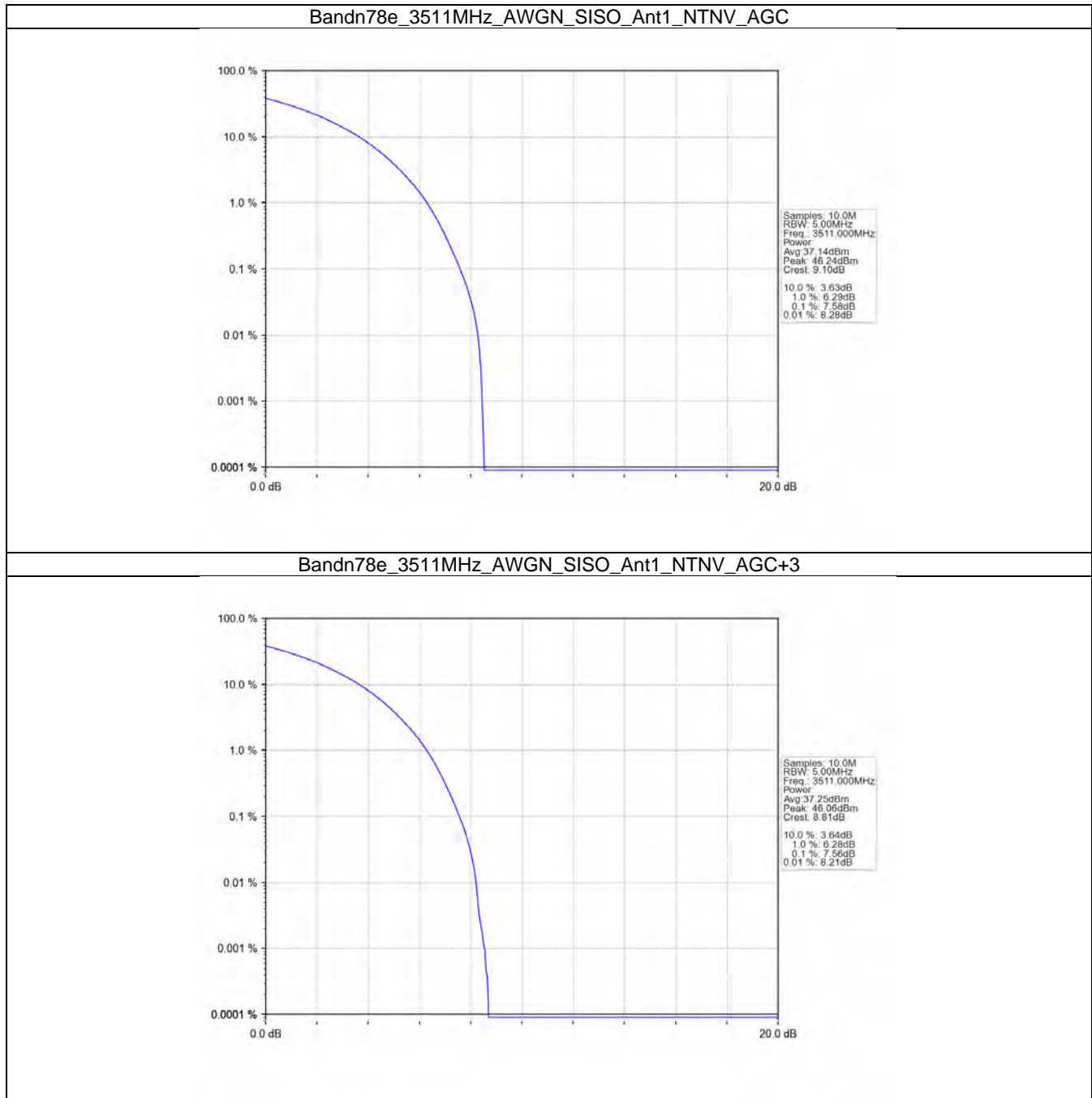
Band: n78e / NTV							
Type	Signal		TX Type	ANT	PAPR (dB)		Verdict
	Level (dBm)	Frequency (MHz)			Result	Limit	
AWGN	0.1	3500	SISO	1	8.37	<=13	Pass
	3.1	3500	SISO	1	8.39	<=13	Pass



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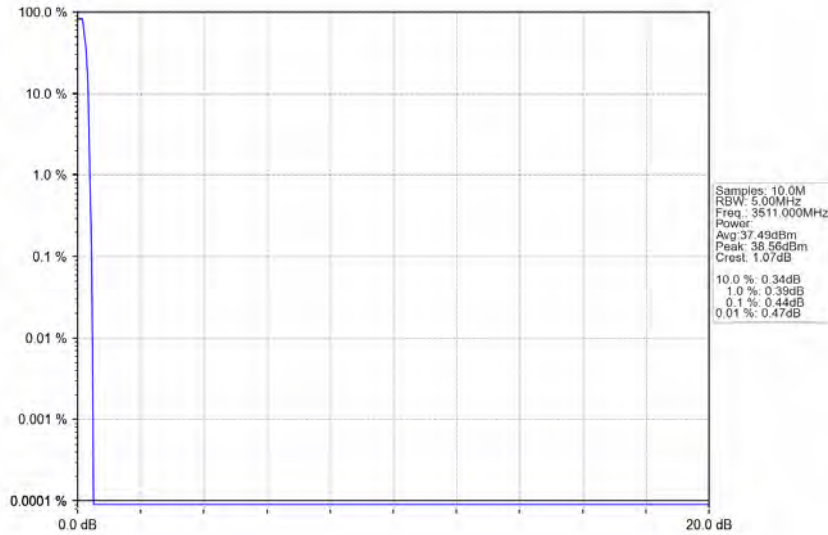
4.2.2 Test Graph



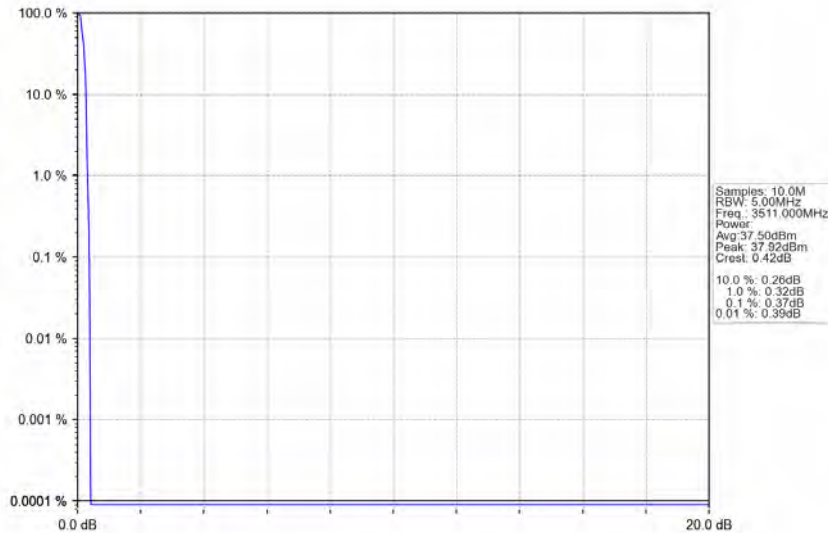
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Bandn78e\_3511MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC

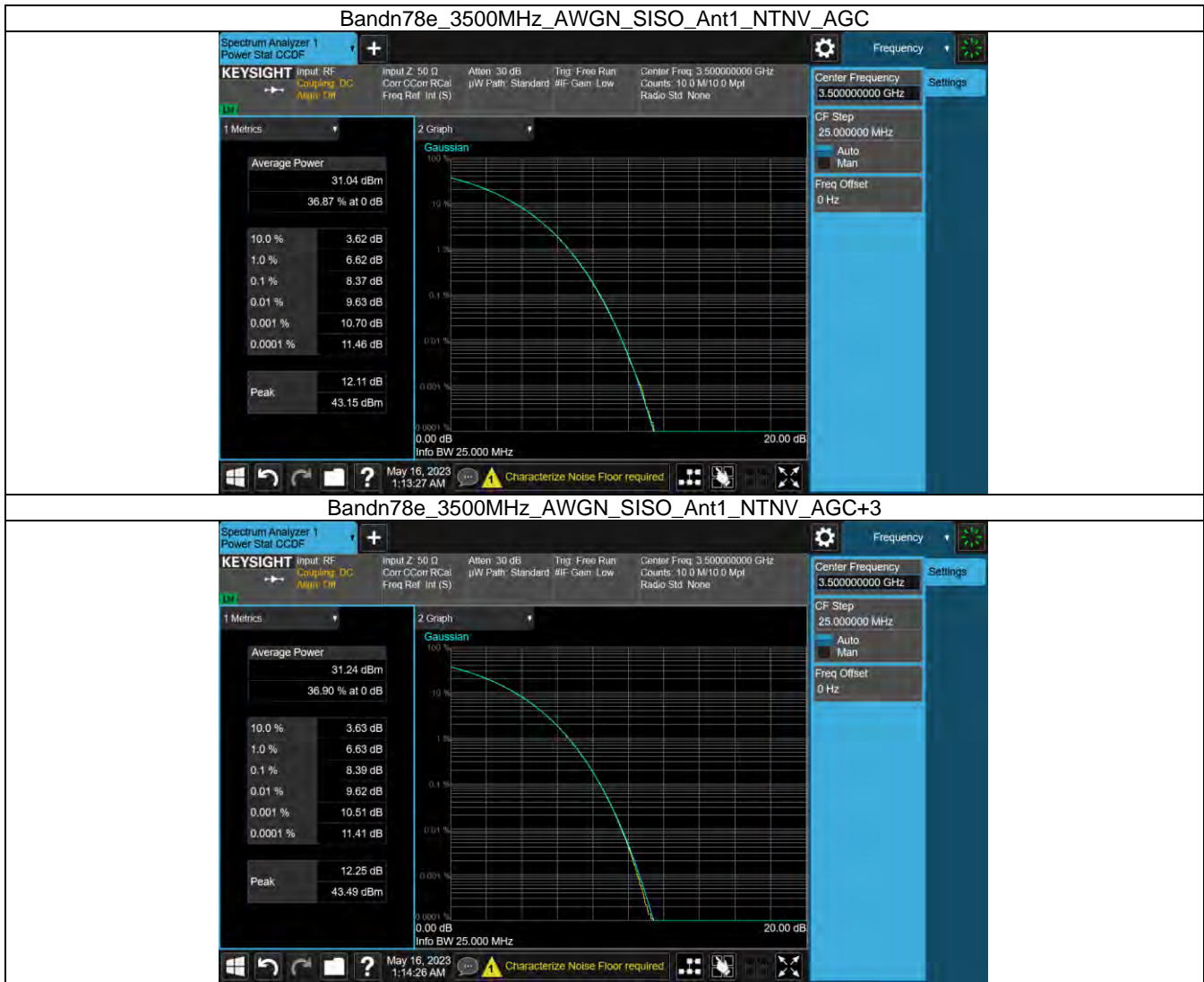


Bandn78e\_3511MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



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For 100MHz BW



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

### 5.1 Band n78e

#### 5.1.1 Test Result

Band: n78e / NTNV									
Input	Type	Signal		Channel	TX Type	ANT	OOB (dBm)		Verdict
		Level (dBm)	Frequency (MHz)				Result	Limit	
Two	AWGN	0.1	3452.5	LCH	SISO	1	-48.73	Refer To Test Graph	Pass
		3.1	3452.5	LCH	SISO	1	-35.27	Refer To Test Graph	Pass
One	AWGN	0.1	3452.5	LCH	SISO	1	-35.44	Refer To Test Graph	Pass
		3.1	3452.5	LCH	SISO	1	-35.32	Refer To Test Graph	Pass
Two	AWGN	0.1	3547.5	HCH	SISO	1	-43.64	Refer To Test Graph	Pass
		3.1	3547.5	HCH	SISO	1	-31.28	Refer To Test Graph	Pass
One	AWGN	0.1	3547.5	HCH	SISO	1	-32.40	Refer To Test Graph	Pass
		3.1	3547.5	HCH	SISO	1	-31.34	Refer To Test Graph	Pass
Two	GMSK	0.1	3450.2	LCH	SISO	1	-20.54	Refer To Test Graph	Pass
		3.1	3450.2	LCH	SISO	1	-20.72	Refer To Test Graph	Pass
One	GMSK	0.1	3450.2	LCH	SISO	1	-20.16	Refer To Test Graph	Pass
		3.1	3450.2	LCH	SISO	1	-20.48	Refer To Test Graph	Pass
Two	GMSK	0.1	3549.8	HCH	SISO	1	-17.13	Refer To Test Graph	Pass
		3.1	3549.8	HCH	SISO	1	-16.71	Refer To Test Graph	Pass
One	GMSK	0.1	3549.8	HCH	SISO	1	-17.01	Refer To Test Graph	Pass
		3.1	3549.8	HCH	SISO	1	-16.55	Refer To Test Graph	Pass

For 100MHz BW

Band: n78e / NTNV									
Input	Type	Signal		Channel	TX Type	ANT	OOB (dBm)		Verdict
		Level (dBm)	Frequency (MHz)				Result	Limit	
Two	AWGN	0.1	3500	MCH	SISO	1	-19.12	Refer To Test Graph	Pass
		3.1	3500	MCH	SISO	1	-19.26	Refer To Test Graph	Pass
One	AWGN	0.1	3500	MCH	SISO	1	-19.17	Refer To Test Graph	Pass
		3.1	3500	MCH	SISO	1	-19.11	Refer To Test Graph	Pass
Two	AWGN	0.1	3500	MCH	SISO	1	-18.60	Refer To Test Graph	Pass
		3.1	3500	MCH	SISO	1	-18.39	Refer To Test Graph	Pass
One	AWGN	0.1	3500	MCH	SISO	1	-18.47	Refer To Test Graph	Pass
		3.1	3500	MCH	SISO	1	-18.63	Refer To Test Graph	Pass



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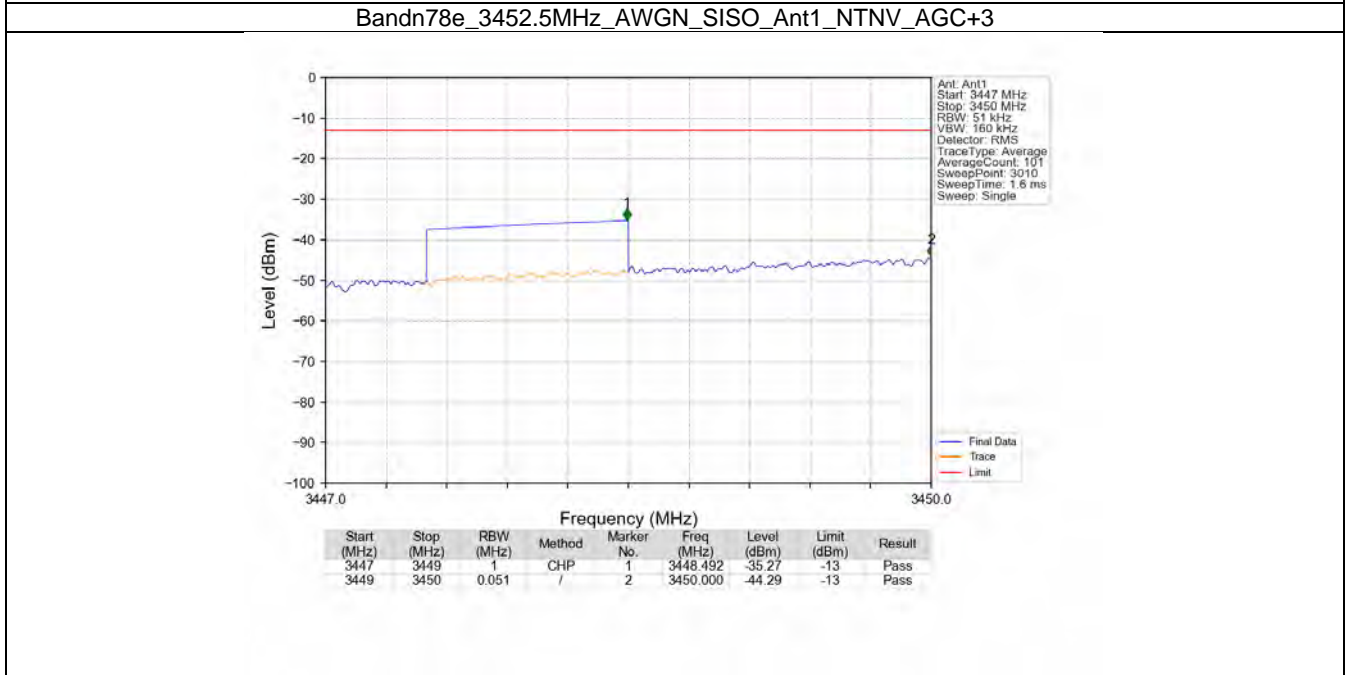
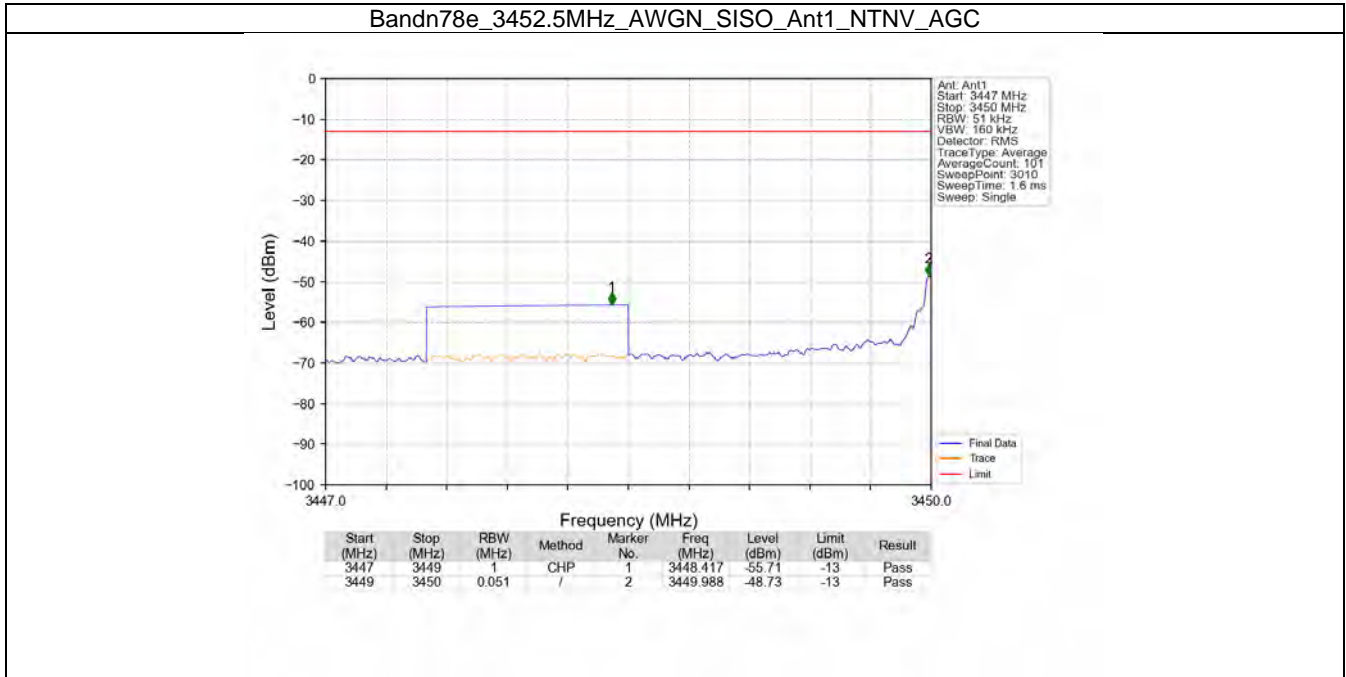
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 Shenzhen Branch Laboratory

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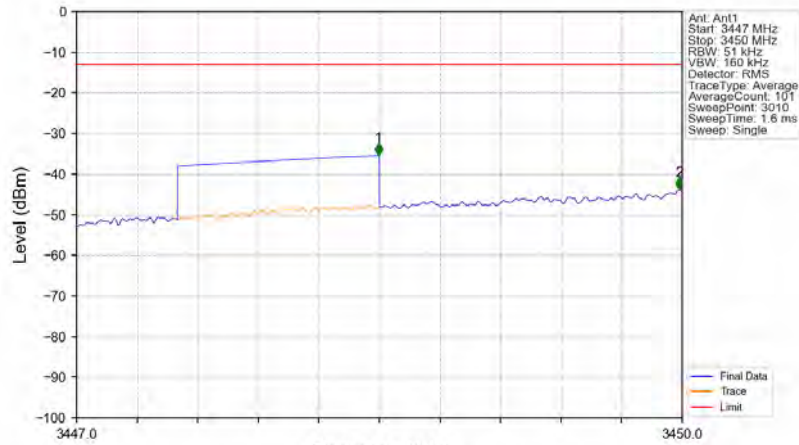


5.1.2 Test Graph



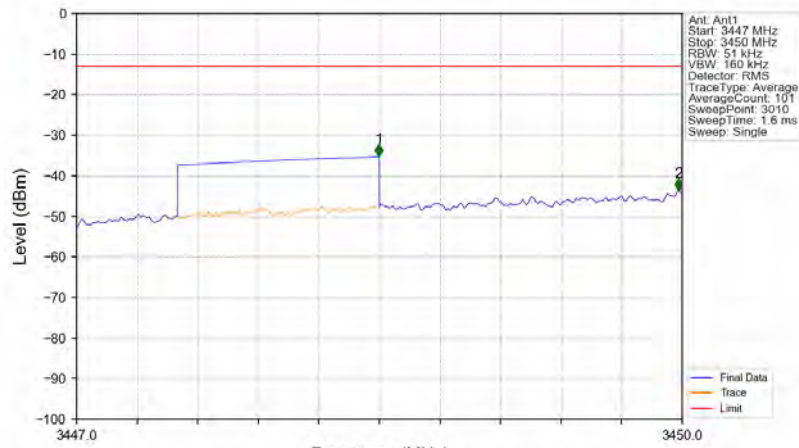
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Bandn78e\_3452.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3447	3449	1	CHP	1	3448.497	-35.44	-13	Pass
3449	3450	0.051	/	2	3449.986	-43.97	-13	Pass

Bandn78e\_3452.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3

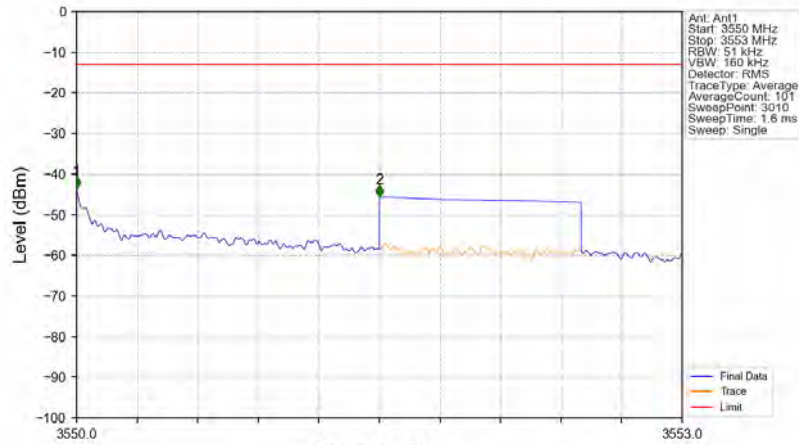


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3447	3449	1	CHP	1	3448.498	-35.32	-13	Pass
3449	3450	0.051	/	2	3449.982	-43.71	-13	Pass



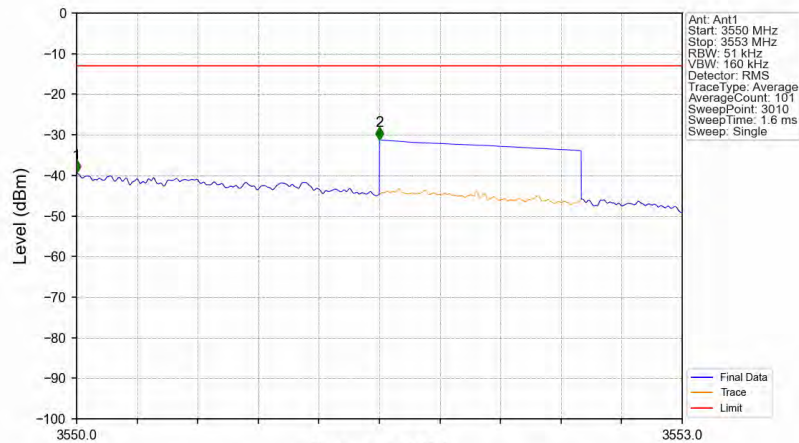
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Bandn78e\_3547.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3550	3551	0.051	/	1	3550.000	-43.64	-13	Pass
3551	3553	1	CHP	2	3551.500	-45.72	-13	Pass

Bandn78e\_3547.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



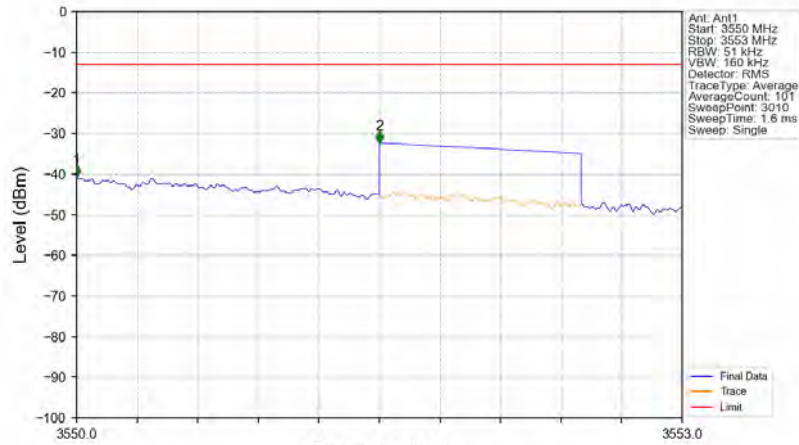
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3550	3551	0.051	/	1	3550.000	-39.41	-13	Pass
3551	3553	1	CHP	2	3551.500	-31.28	-13	Pass



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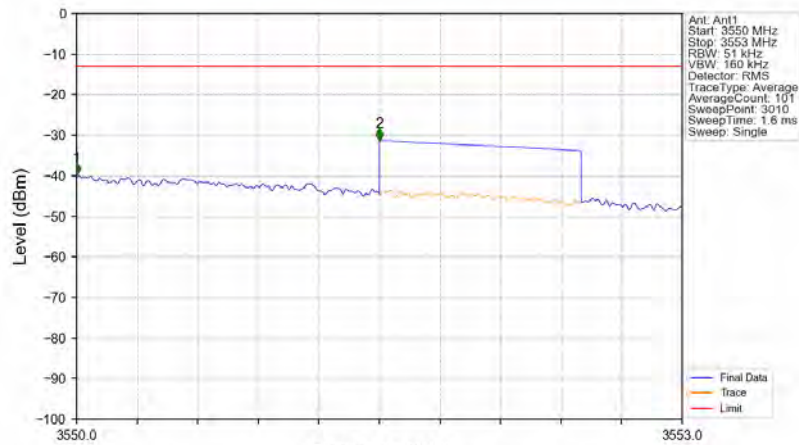


Bandn78e\_3547.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3550	3551	0.051	/	1	3550.000	-40.72	-13	Pass
3551	3553	1	CHP	2	3551.500	-32.40	-13	Pass

Bandn78e\_3547.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3

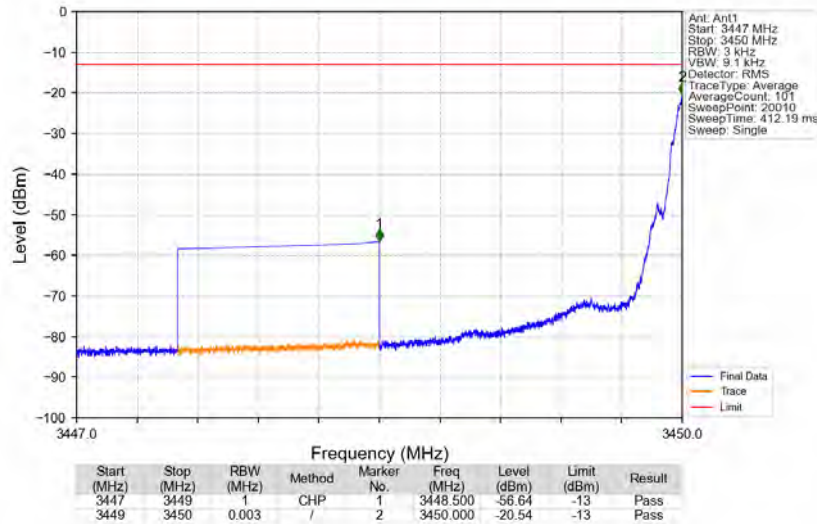


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3550	3551	0.051	/	1	3550.000	-39.84	-13	Pass
3551	3553	1	CHP	2	3551.500	-31.34	-13	Pass

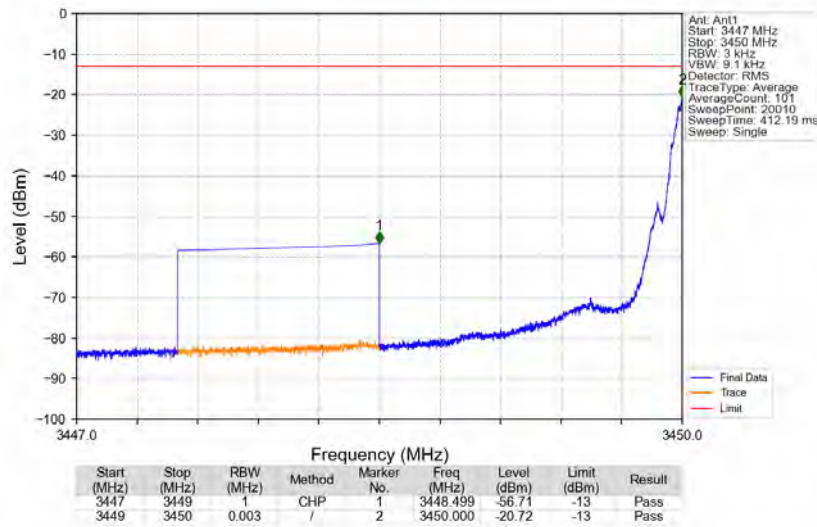


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Bandn78e\_3450.2MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



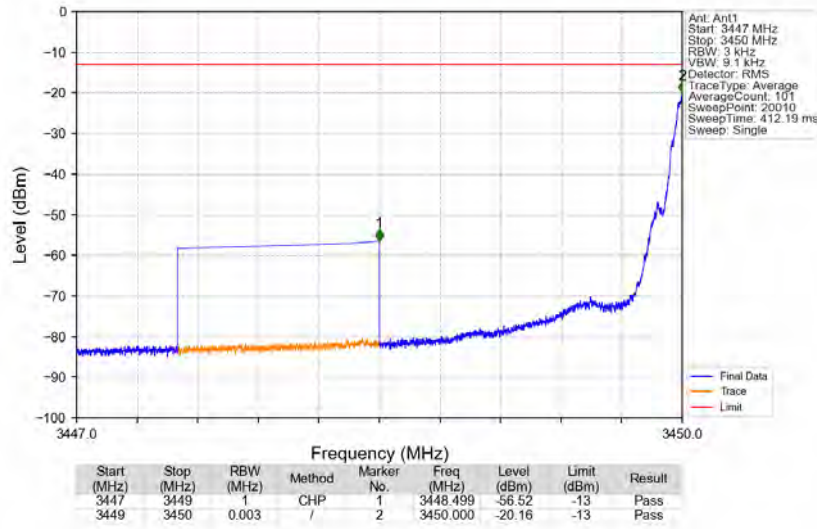
Bandn78e\_3450.2MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



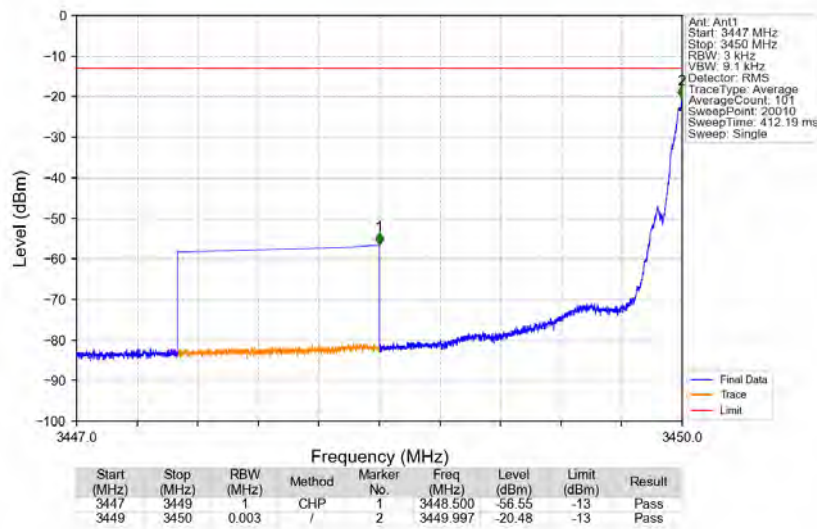
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Bandn78e\_3450.2MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



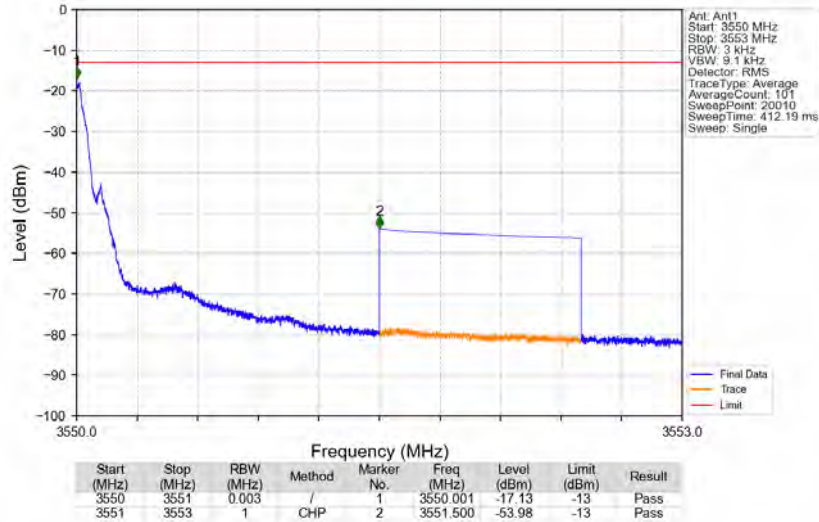
Bandn78e\_3450.2MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



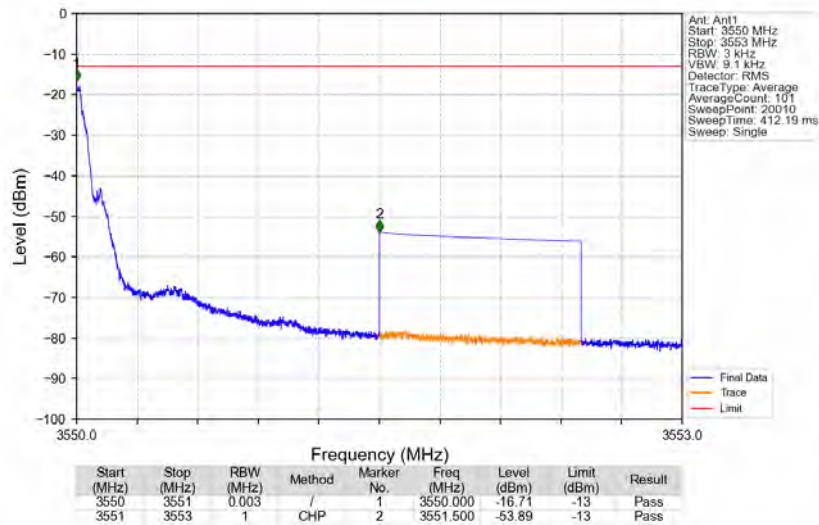
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Bandn78e\_3549.8MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC

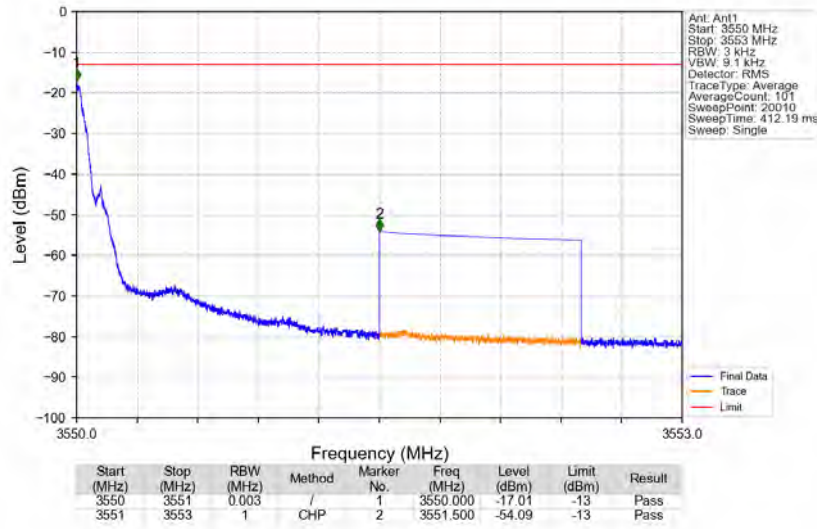


Bandn78e\_3549.8MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3

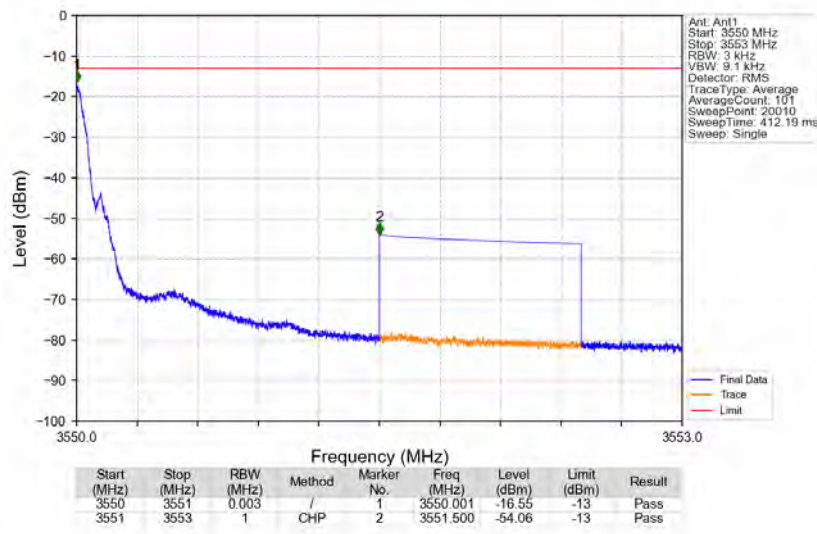


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Bandn78e\_3549.8MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



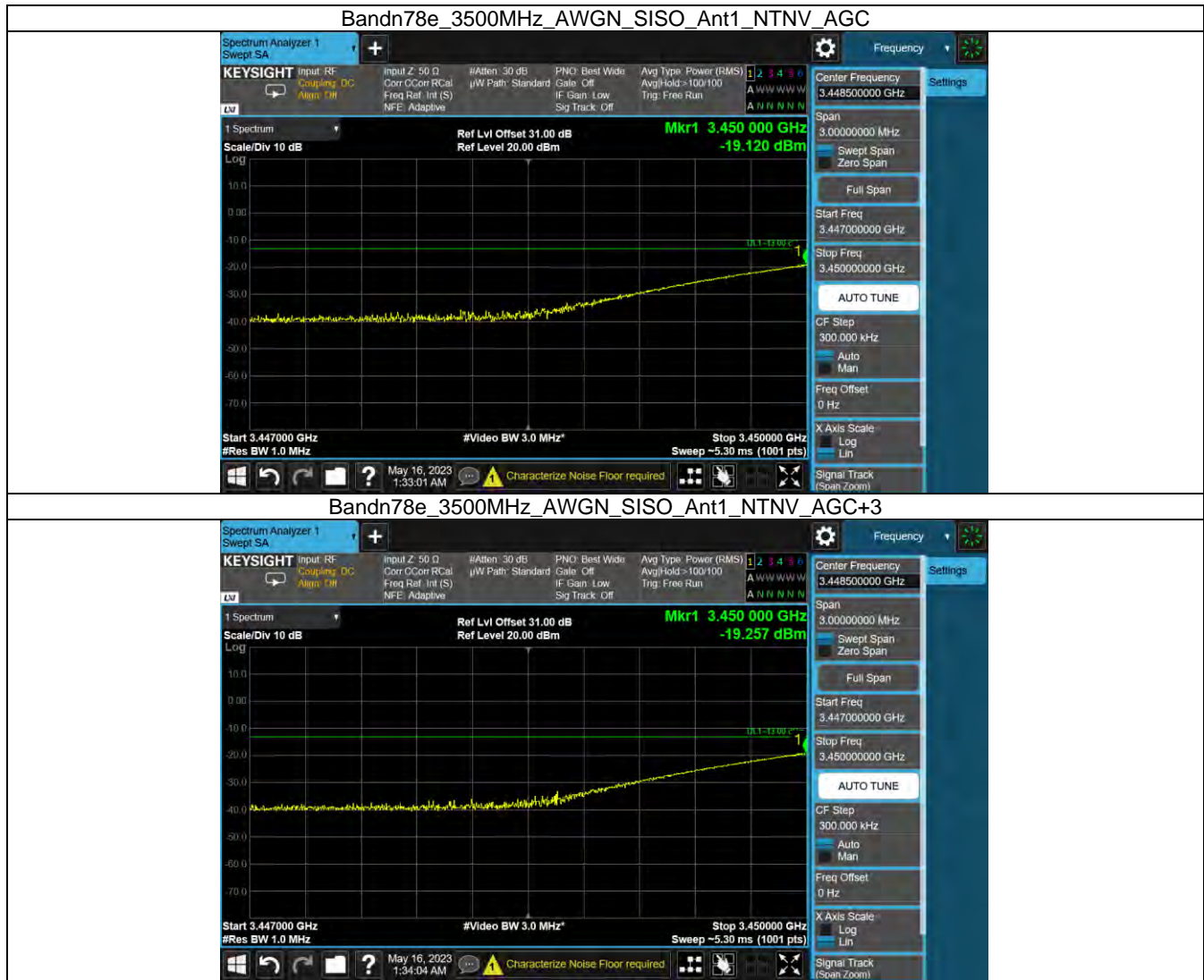
Bandn78e\_3549.8MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



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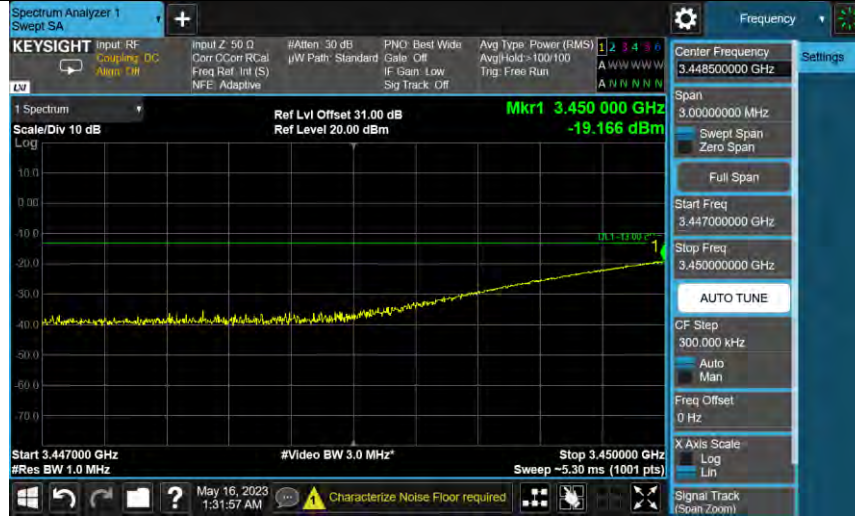
For 100MHz BW



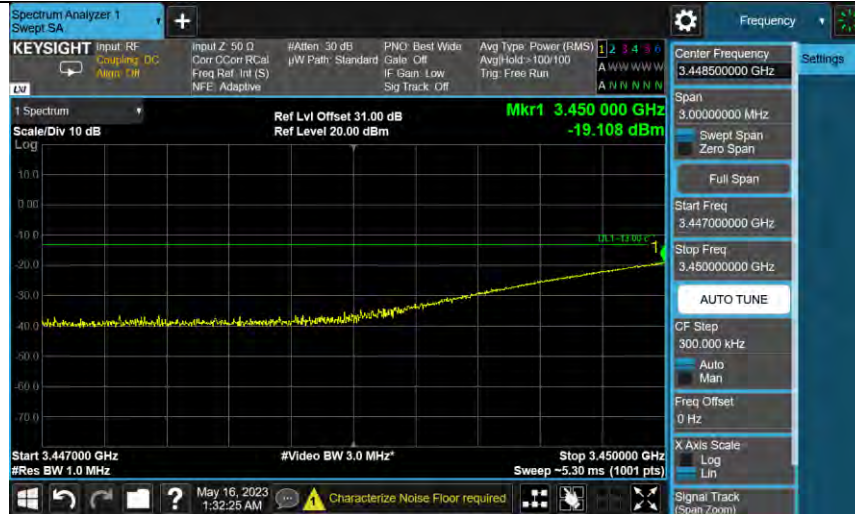
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Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



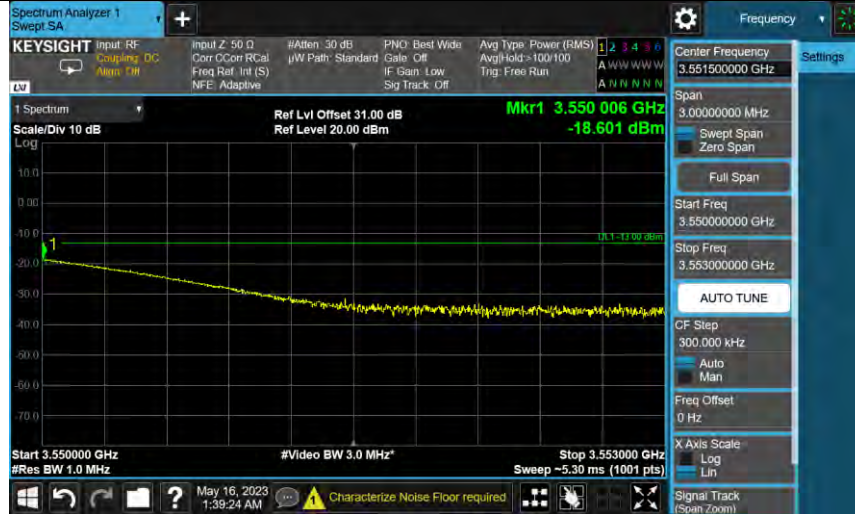
Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



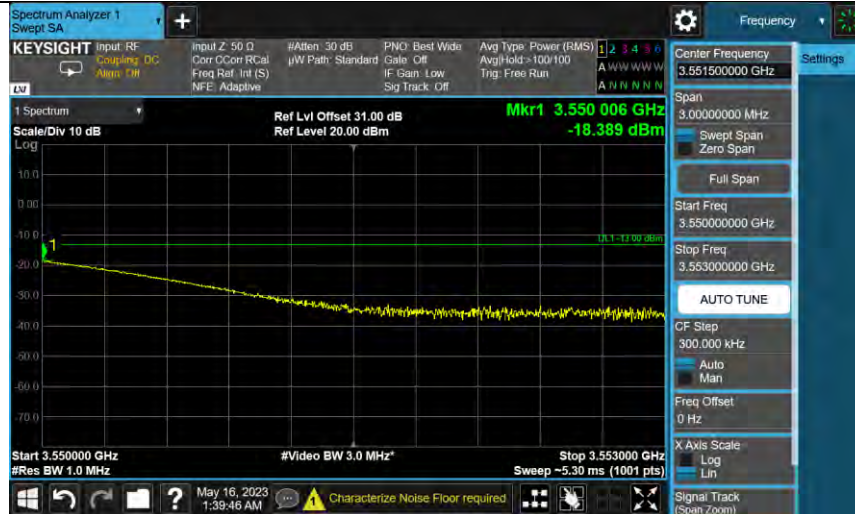
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Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



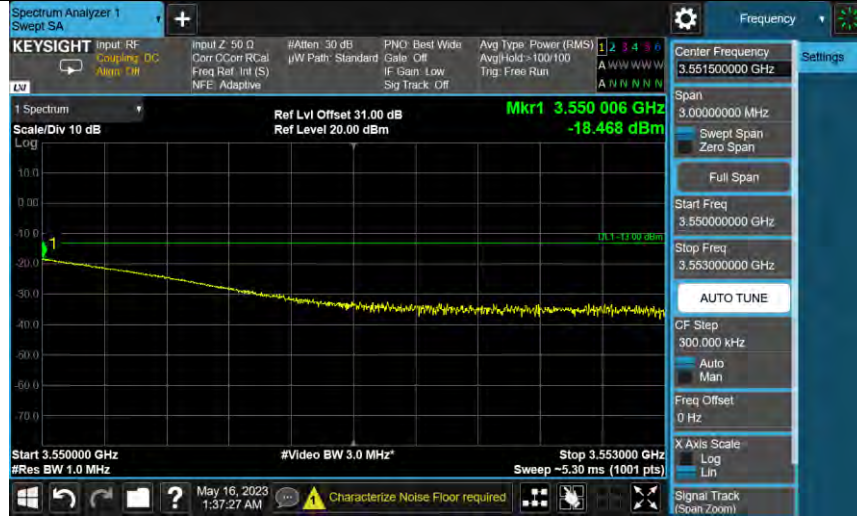
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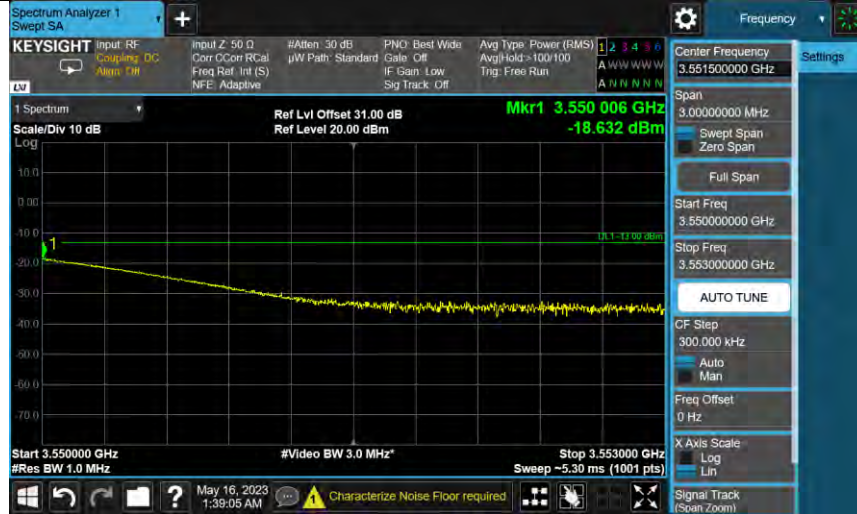
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Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3





## 6. Spurious emissions

### 6.1 Band n78e

#### 6.1.1 Test Result

Band: n78e / NTV								
Signal			Channel	TX Type	ANT	SE (dBm)		Verdict
Type	Level (dBm)	Frequency (MHz)				Result	Limit	
AWGN	0.1	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	0.1	3450.2	LCH	SISO	1	Refer To Test Graph		Pass
		3500	MCH	SISO	1	Refer To Test Graph		Pass
		3549.8	HCH	SISO	1	Refer To Test Graph		Pass

For 100MHz BW

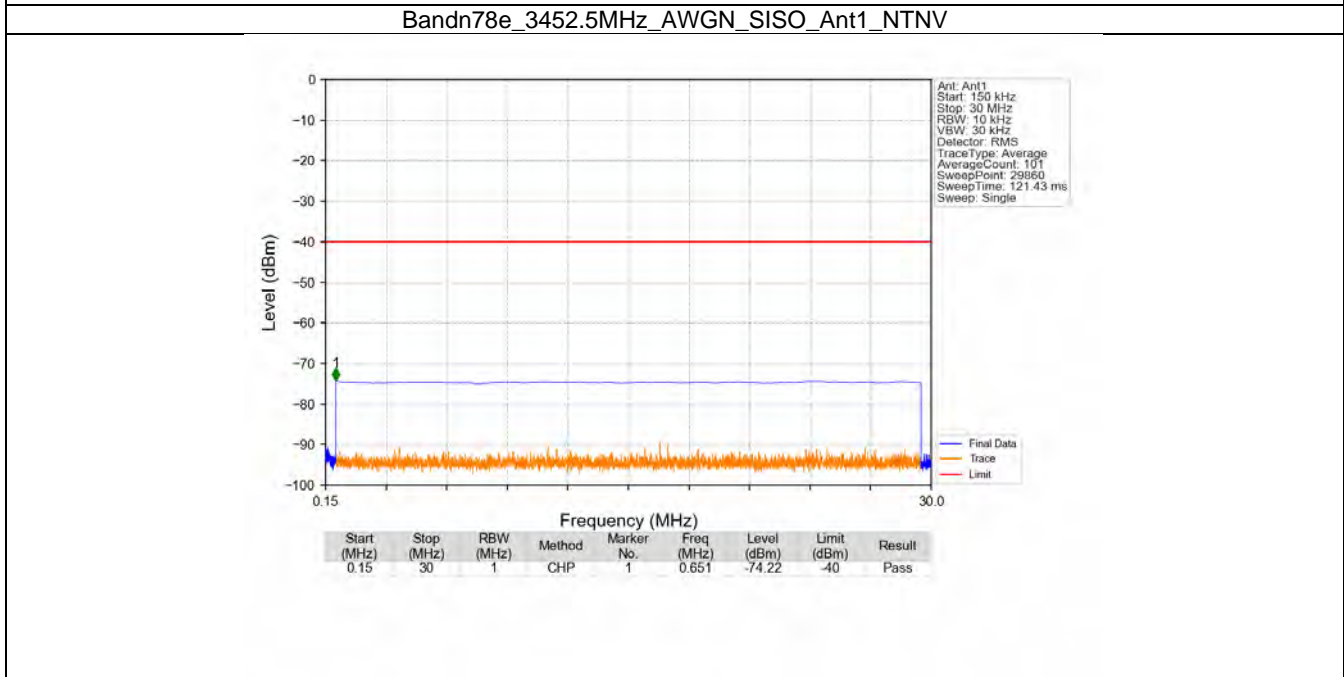
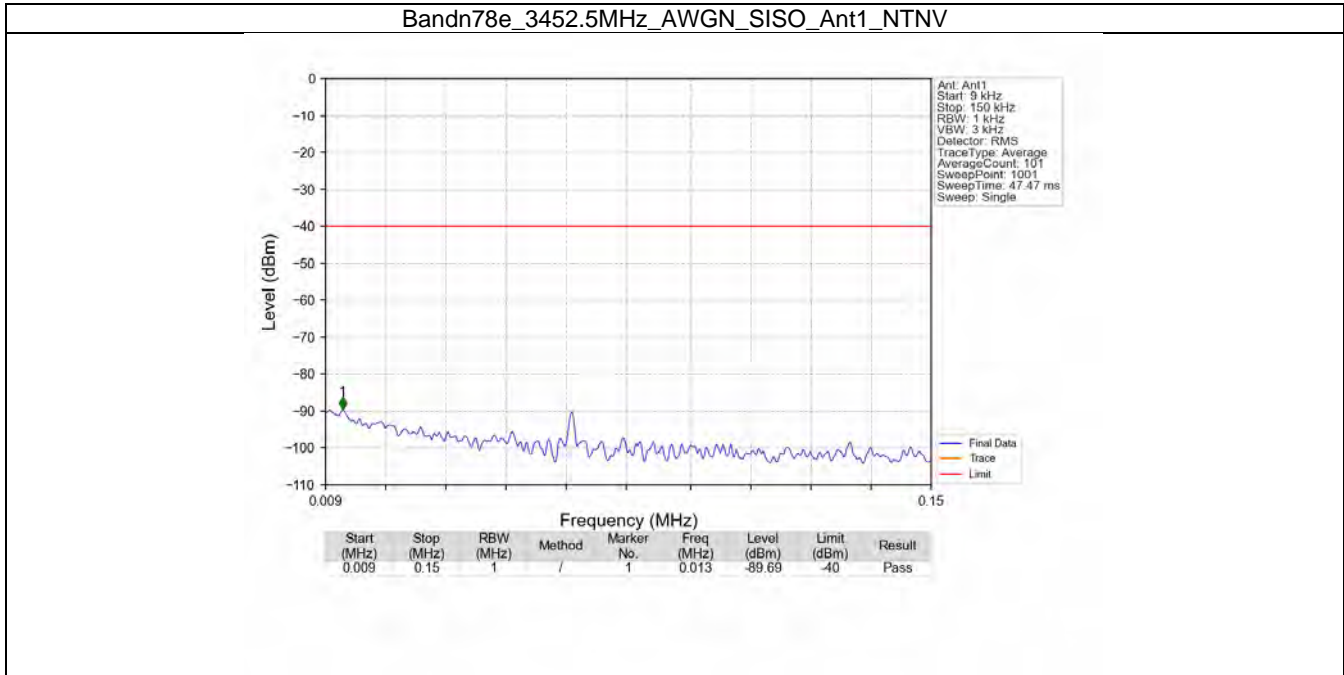
Band: n78e / NTV								
Signal			Channel	TX Type	ANT	SE (dBm)		Verdict
Type	Level (dBm)	Frequency (MHz)				Result	Limit	
AWGN	0.1	3500	MCH	SISO	1	Refer To Test Graph		Pass



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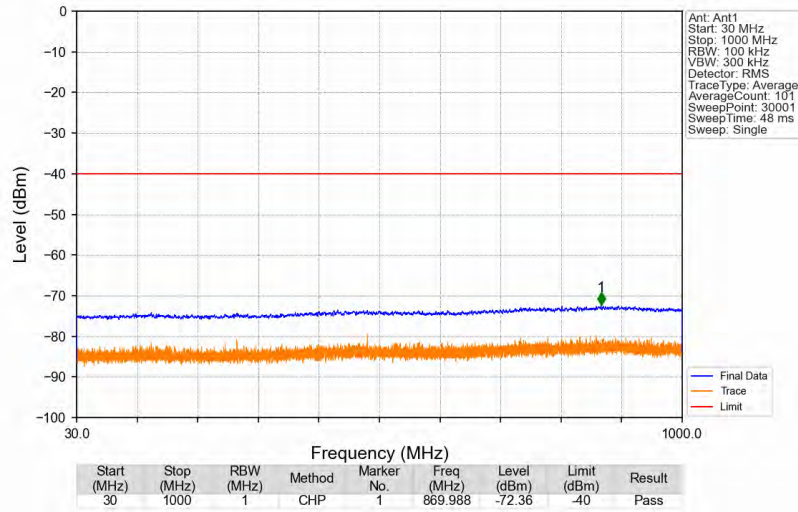
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6.1.2 Test Graph

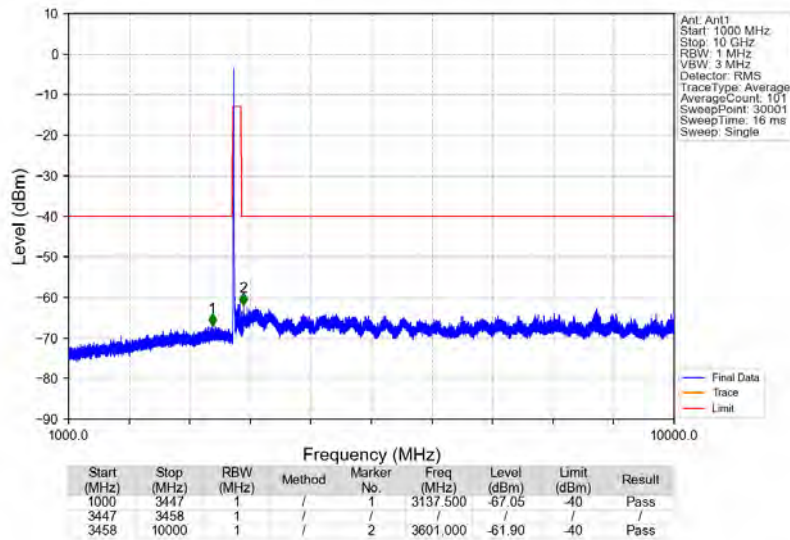


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Bandn78e\_3452.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Bandn78e\_3452.5MHz\_AWGN\_SISO\_Ant1\_NTNV



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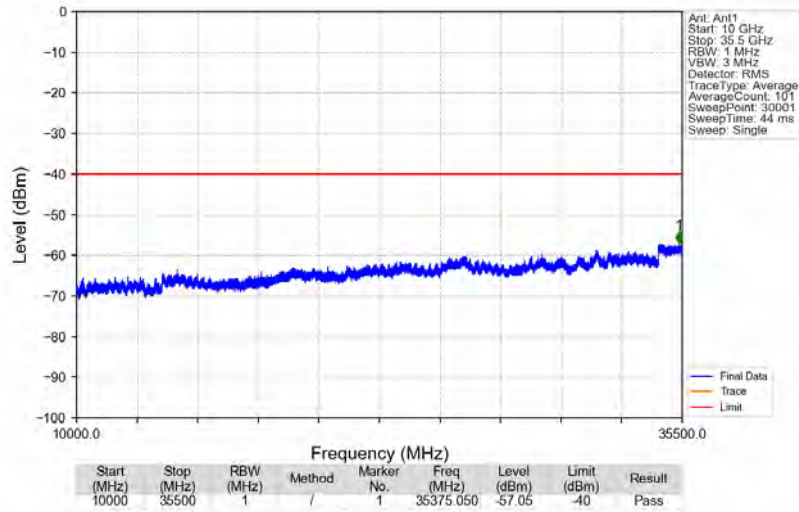


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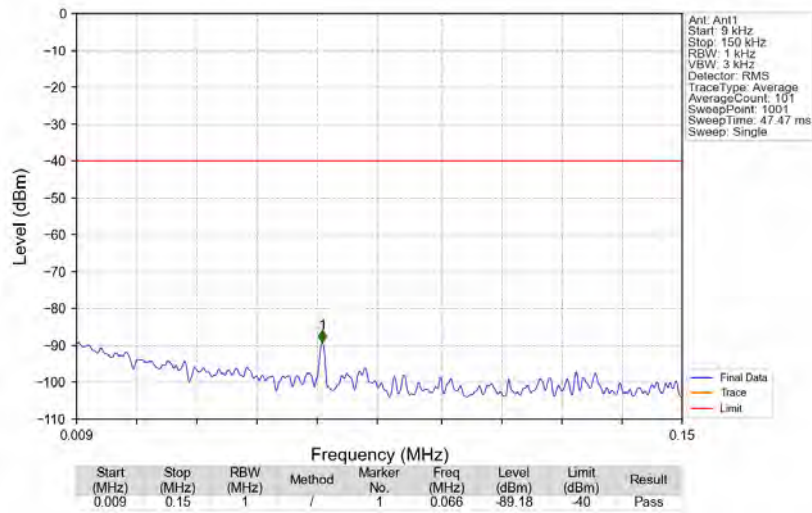
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Bandn78e\_3452.5MHz\_AWGN\_SISO\_Ant1\_NTNV

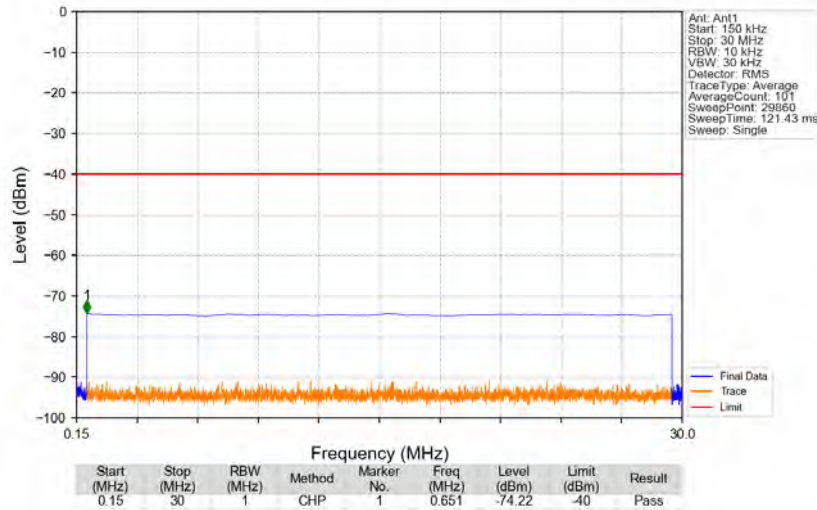


Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV

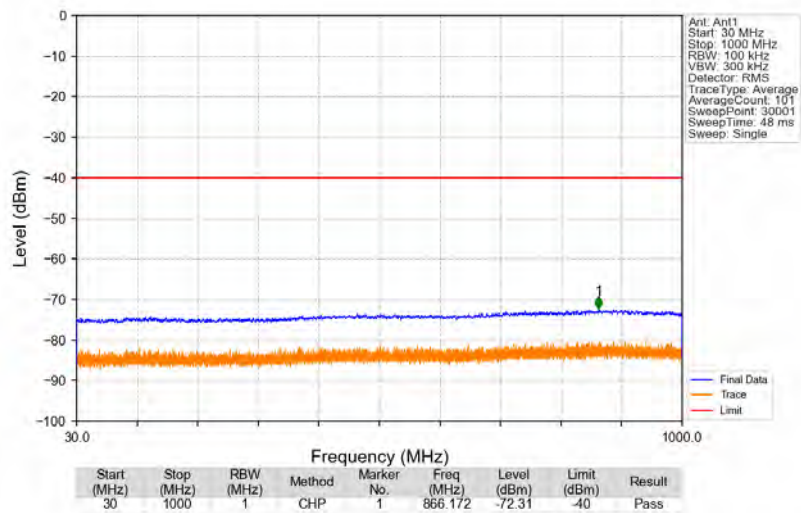


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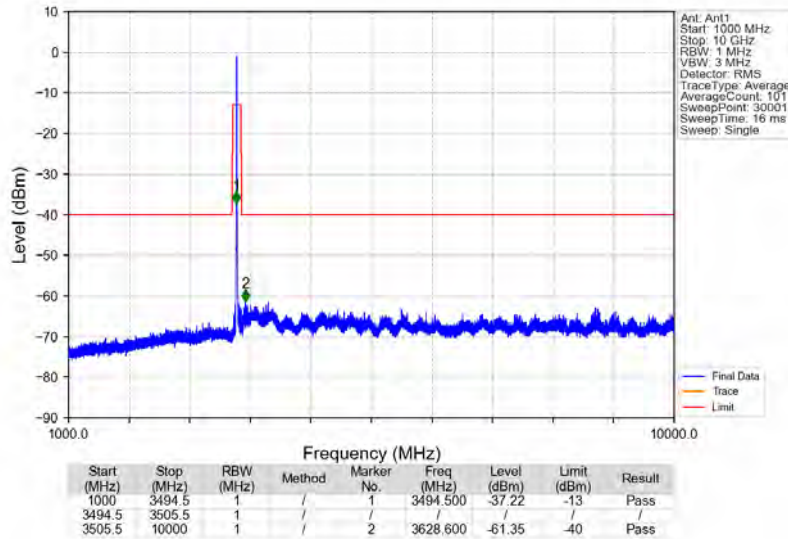


Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV

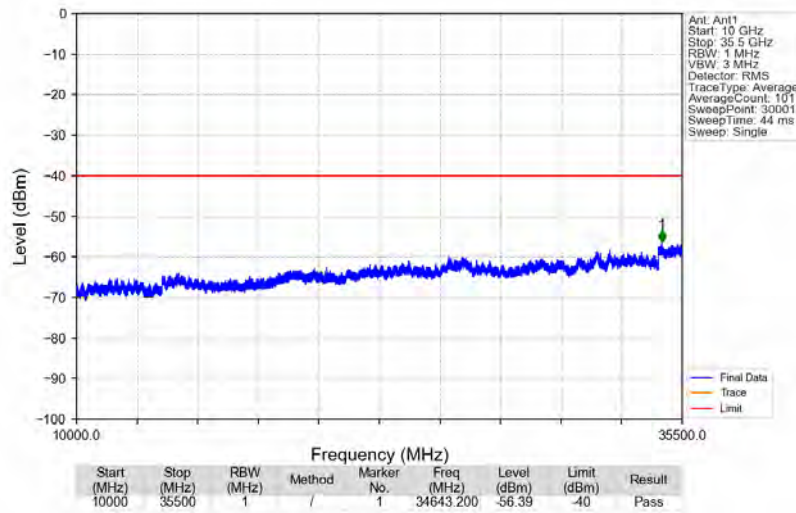


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Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV



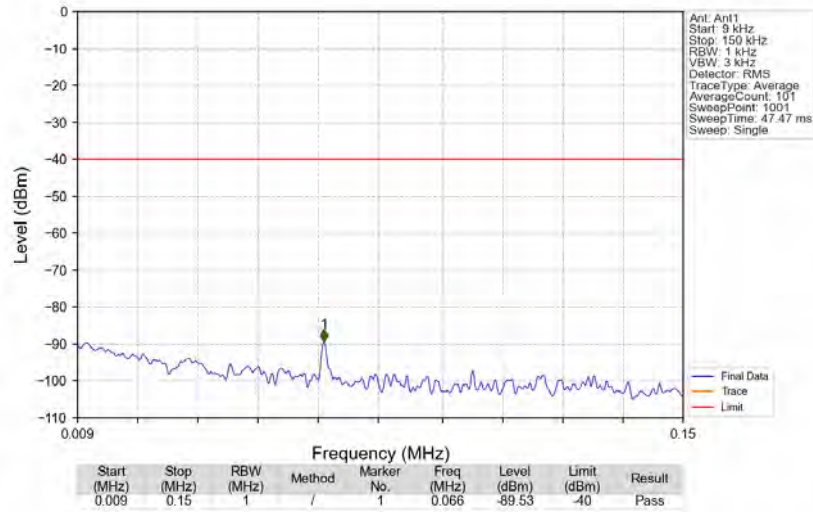
Bandn78e\_3500MHz\_AWGN\_SISO\_Ant1\_NTNV



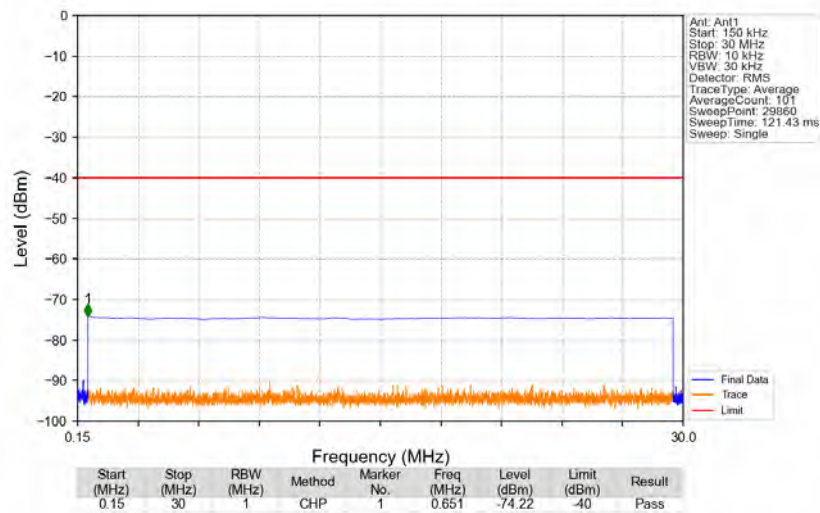
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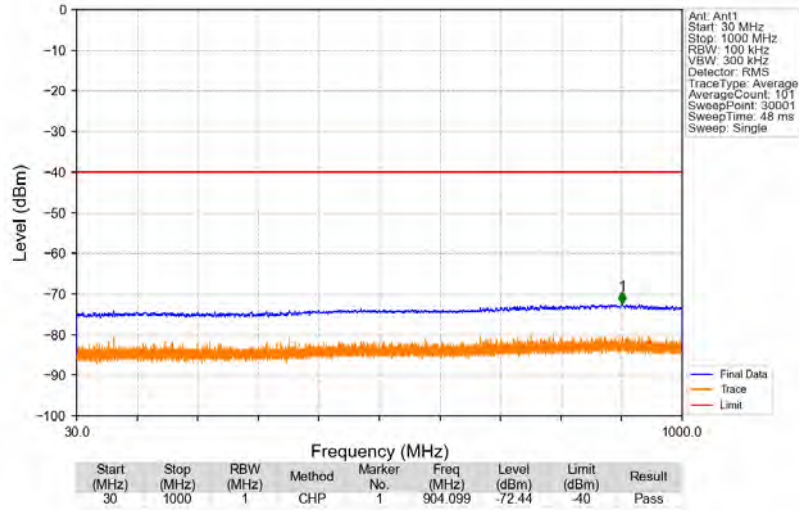
Bandn78e\_3547.5MHz\_AWGN\_SISO\_Ant1\_NTNV



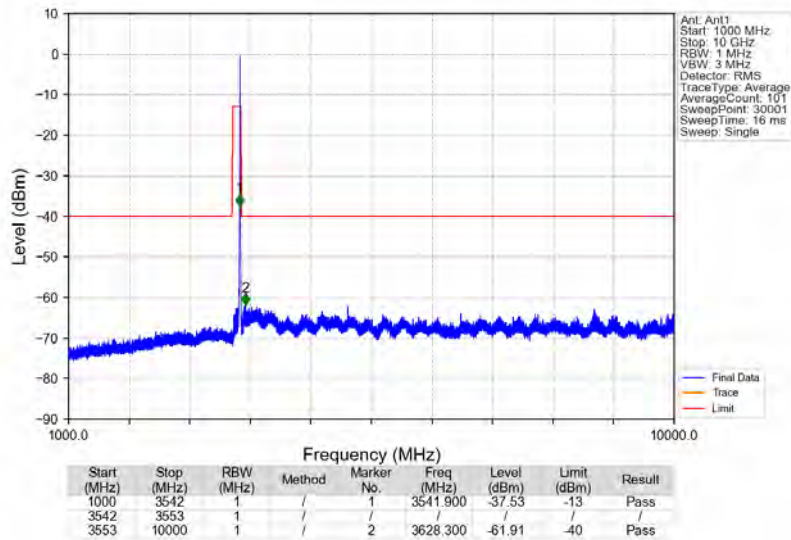
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Bandn78e\_3547.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Bandn78e\_3547.5MHz\_AWGN\_SISO\_Ant1\_NTNV



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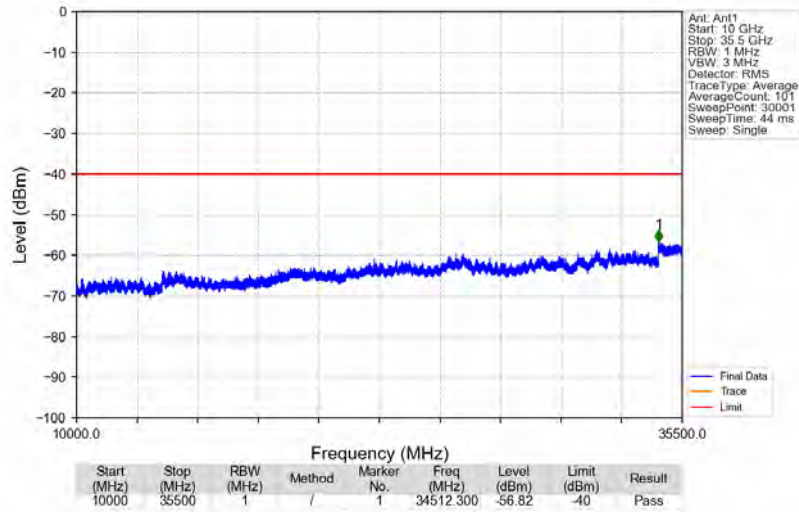
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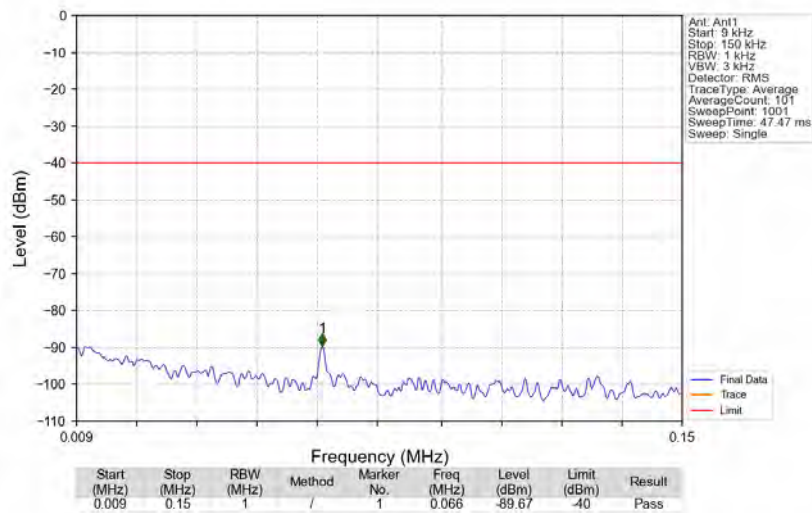
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Bandn78e\_3547.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Bandn78e\_3450.2MHz\_GMSK\_SISO\_Ant1\_NTNV



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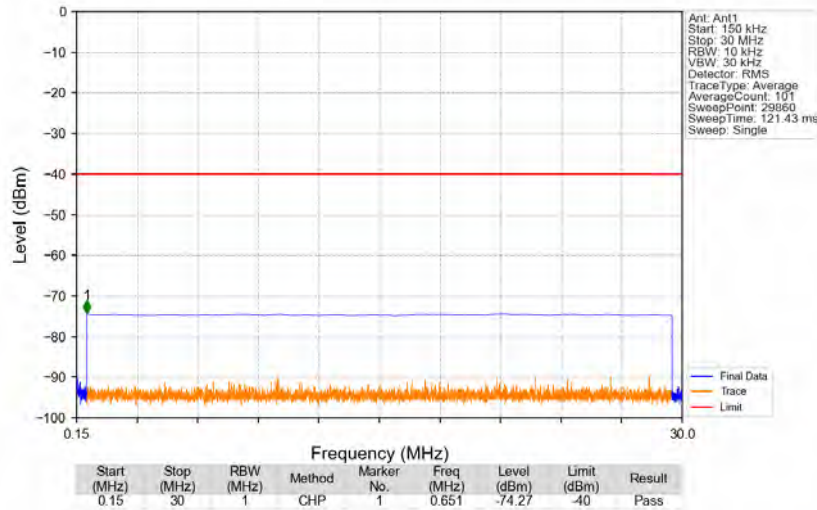


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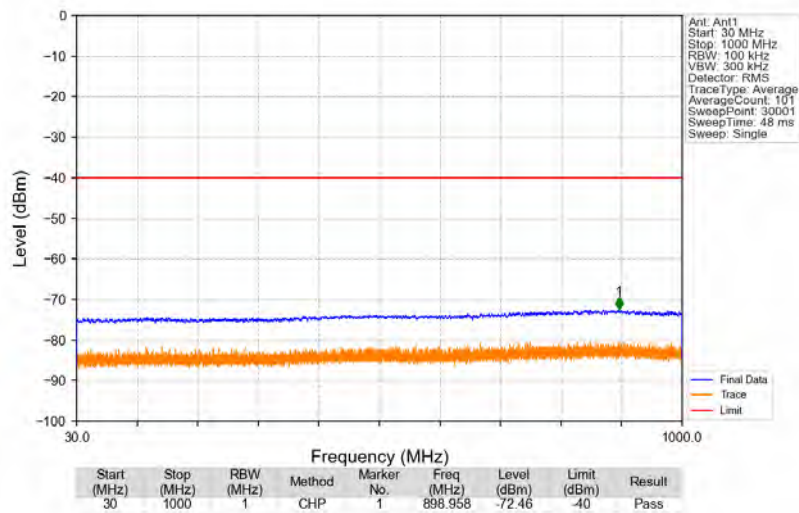
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Bandn78e\_3450.2MHz\_GMSK\_SISO\_Ant1\_NTNV



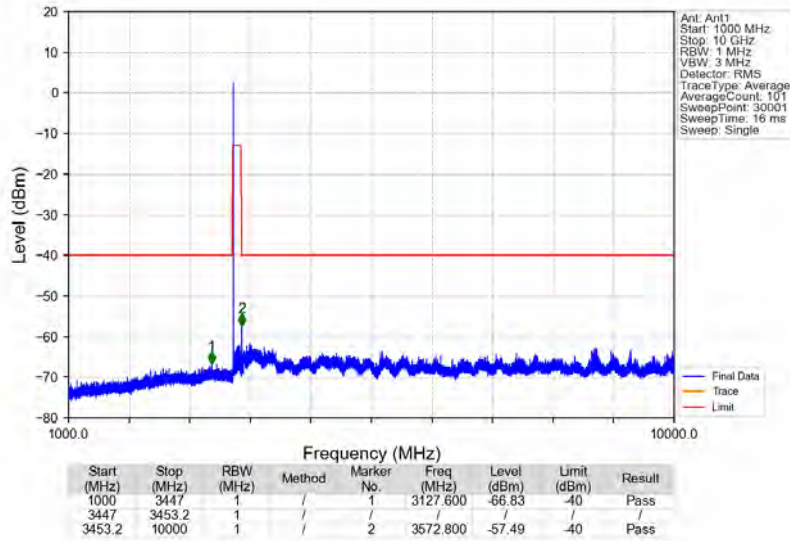
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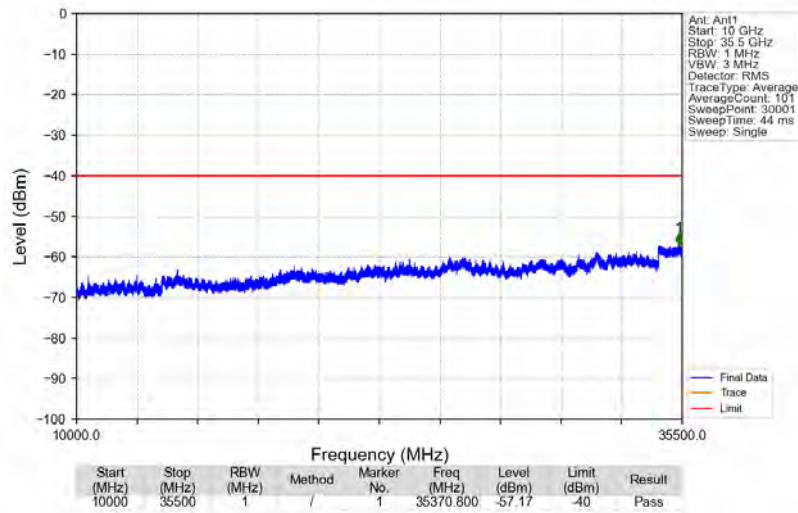
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Bandn78e\_3450.2MHz\_GMSK\_SISO\_Ant1\_NTNV

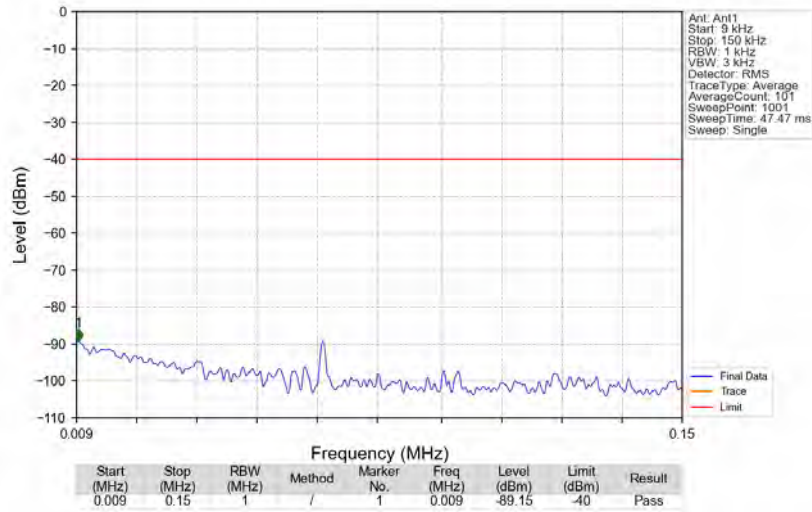


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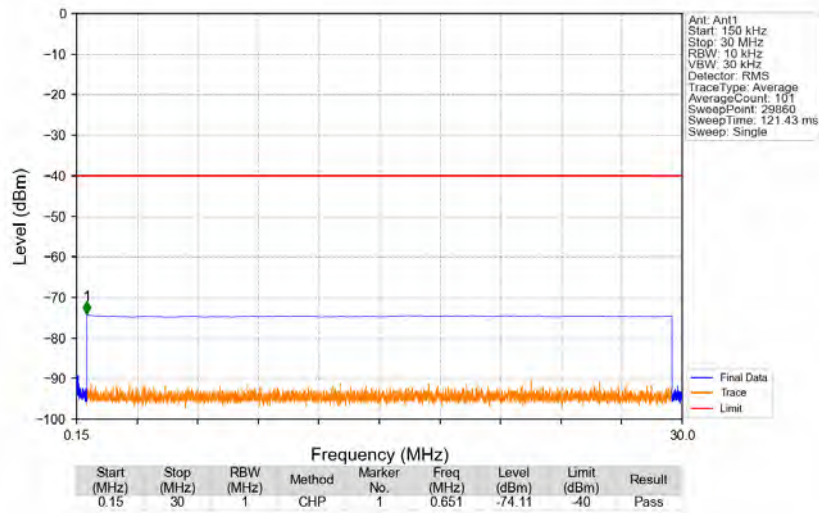


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Bandn78e\_3500MHz\_GMSK\_SISO\_Ant1\_NTNV



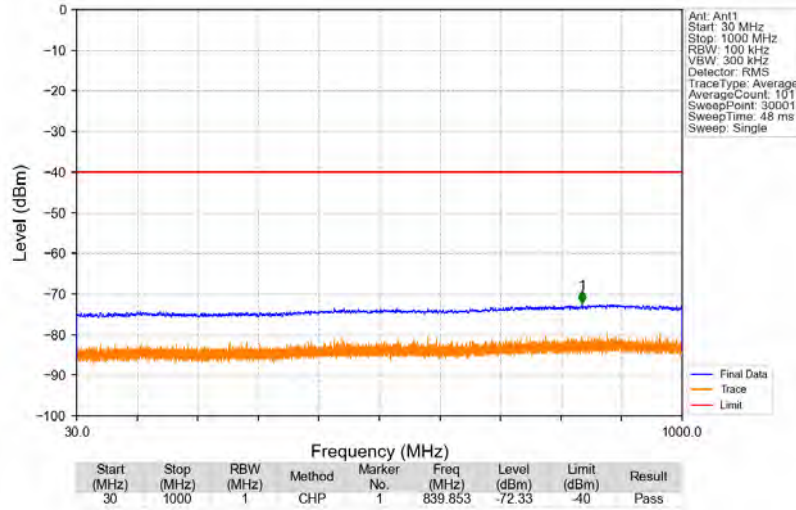
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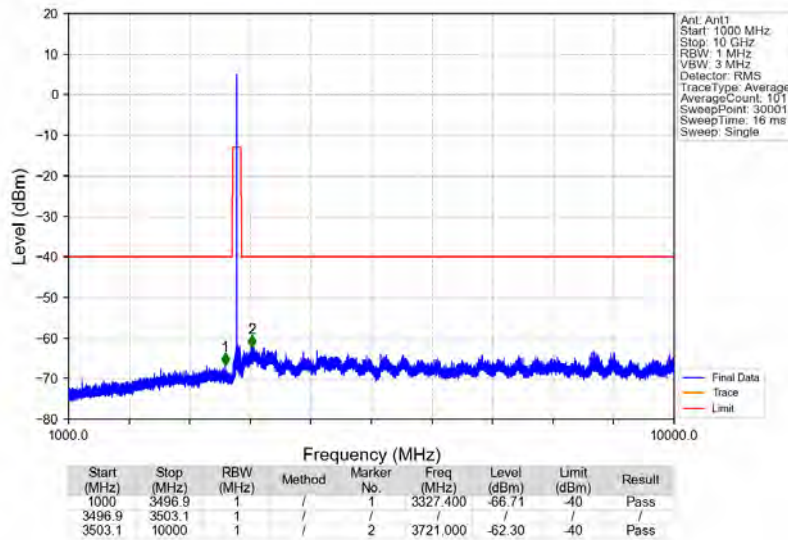
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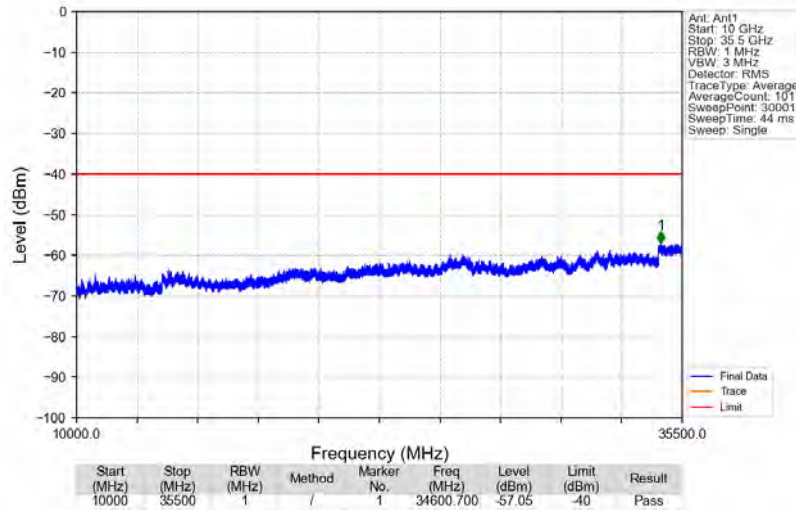


Bandn78e\_3500MHz\_GMSK\_SISO\_Ant1\_NTNV

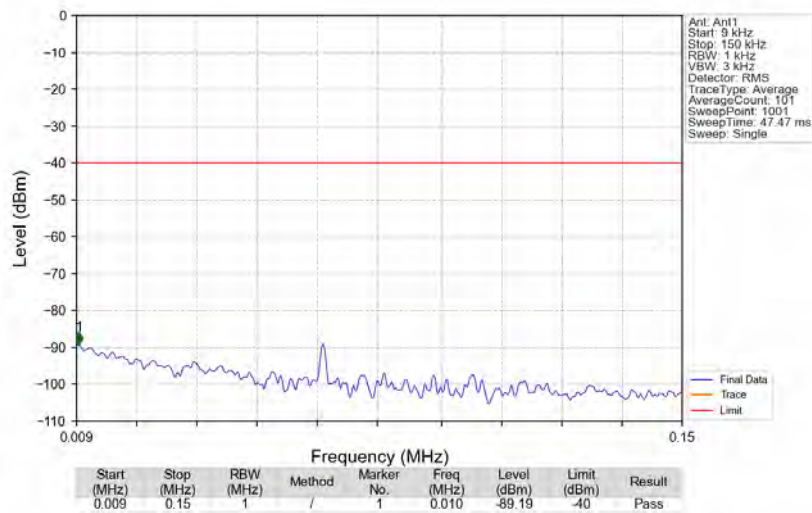


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Bandn78e\_3500MHz\_GMSK\_SISO\_Ant1\_NTNV

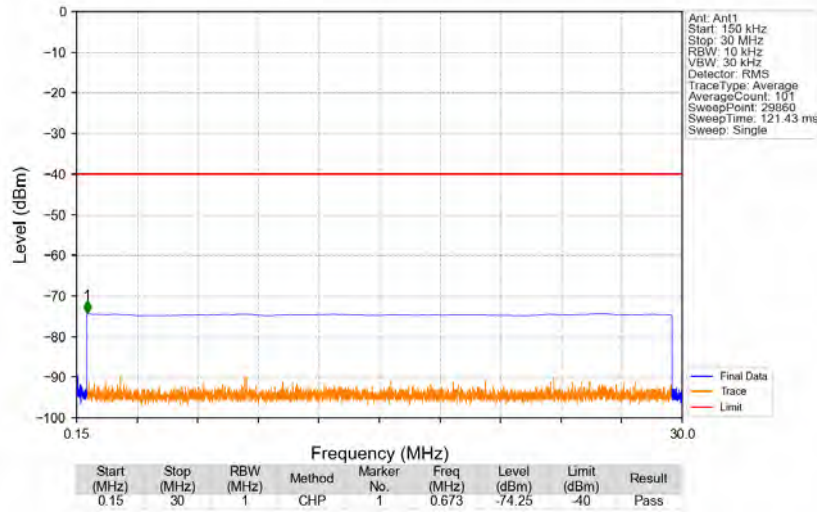


Bandn78e\_3549.8MHz\_GMSK\_SISO\_Ant1\_NTNV

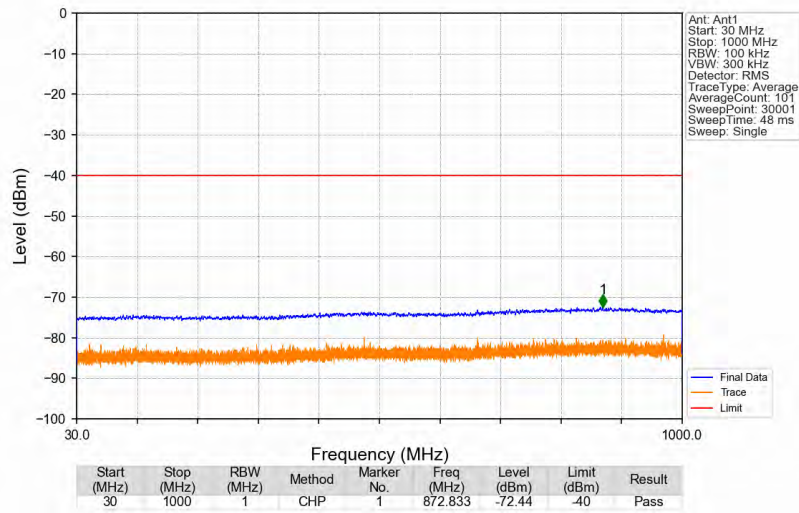


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Bandn78e\_3549.8MHz\_GMSK\_SISO\_Ant1\_NTNV



Bandn78e\_3549.8MHz\_GMSK\_SISO\_Ant1\_NTNV

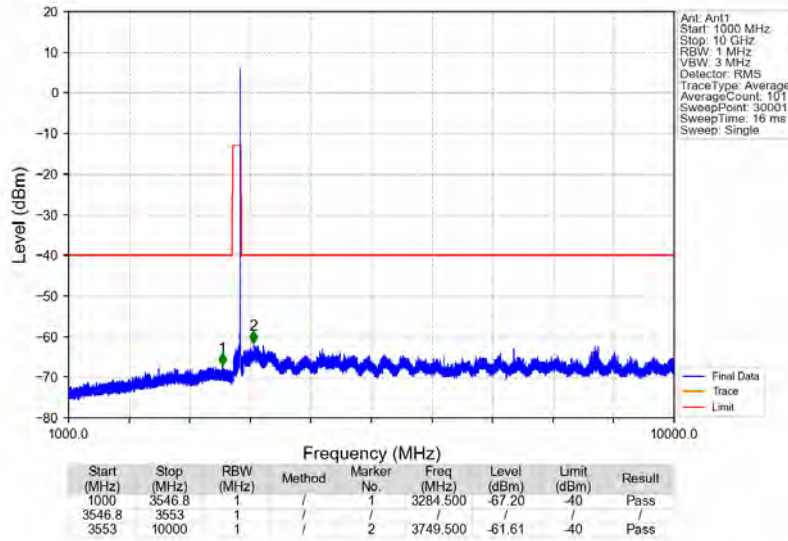


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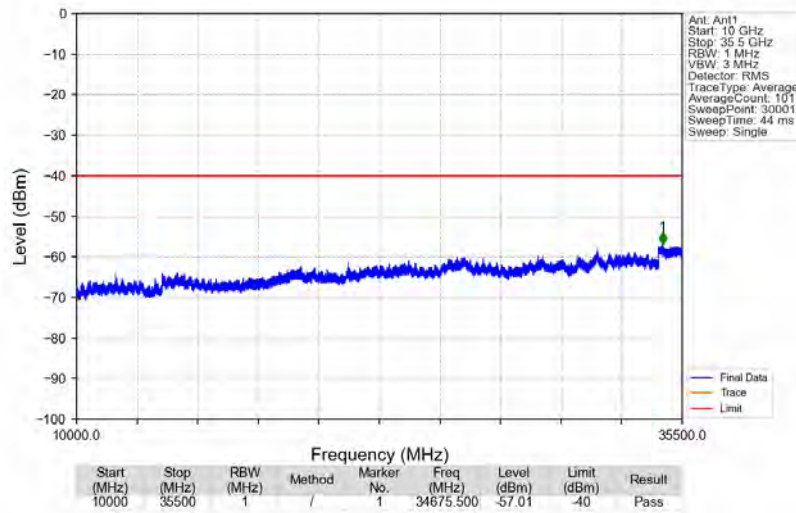




Bandn78e\_3549.8MHz\_GMSK\_SISO\_Ant1\_NTNV



Bandn78e\_3549.8MHz\_GMSK\_SISO\_Ant1\_NTNV



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For 100MHz BW



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SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch

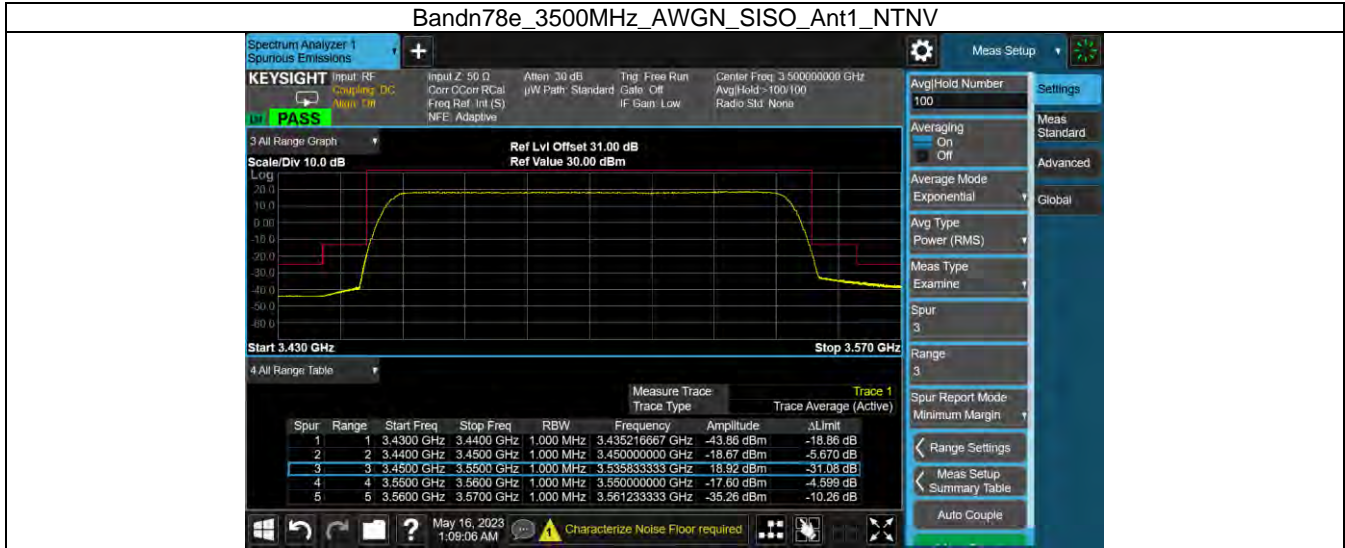
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## 7. Frequency stability measurements

### 7.1 Bandn78e\_Ant1

#### 7.1.1 Test Result

Band: n78e / NTV								
Signal			Temp (°C)	Voltage (VAC)	Result (MHz)	Limit (MHz)	Verdict	
Type	Level (dBm)	Frequency (MHz)						
AWGN	0.1	3452.5	20	102	3450.222	>3450	Pass	
				120	3450.231	>3450	Pass	
				138	3450.219	>3450	Pass	
			-40	120	3450.224	>3450	Pass	
				-30	120	3450.224	>3450	Pass
				-20	120	3450.227	>3450	Pass
			-10	120	3450.230	>3450	Pass	
				0	120	3450.225	>3450	Pass
				10	120	3450.229	>3450	Pass
				30	120	3450.233	>3450	Pass
				40	120	3450.226	>3450	Pass
		55	120	3450.218	>3450	Pass		
			120	3450.213	>3450	Pass		
			3547.5	20	102	3549.775	<3550	Pass
					120	3549.780	<3550	Pass
					138	3549.777	<3550	Pass
		-40	120	3549.779	<3550	Pass		
			-30	120	3549.779	<3550	Pass	
			-20	120	3549.782	<3550	Pass	
		-10	120	3549.783	<3550	Pass		
			0	120	3549.774	<3550	Pass	
			10	120	3549.773	<3550	Pass	
30	120		3549.781	<3550	Pass			
40	120		3549.776	<3550	Pass			
55	120	3549.772	<3550	Pass				
	120	3549.776	<3550	Pass				
	3450.2	20	102	3450.077	>3450	Pass		
			120	3450.079	>3450	Pass		
			138	3450.076	>3450	Pass		
-40	120	3450.075	>3450	Pass				
	-30	120	3450.078	>3450	Pass			
	-20	120	3450.076	>3450	Pass			
-10	120	3450.075	>3450	Pass				
	0	120	3450.076	>3450	Pass			
	10	120	3450.077	>3450	Pass			
	30	120	3450.078	>3450	Pass			
	40	120	3450.079	>3450	Pass			
55	120	3450.076	>3450	Pass				
	120	3450.078	>3450	Pass				
	3549.8	20	102	3549.924	<3550	Pass		
			120	3549.921	<3550	Pass		



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			138	3549.923	<3550	Pass	
			-40	120	3549.923	<3550	Pass
			-30	120	3549.925	<3550	Pass
			-20	120	3549.924	<3550	Pass
			-10	120	3549.923	<3550	Pass
			0	120	3549.922	<3550	Pass
			10	120	3549.925	<3550	Pass
			30	120	3549.926	<3550	Pass
			40	120	3549.927	<3550	Pass
			50	120	3549.925	<3550	Pass
			55	120	3549.928	<3550	Pass

For 100MHz BW

			Band: n78e / NTNV				
Signal			Temp (°C)	Voltage (VAC)	Result (MHz)	Limit (MHz)	Verdict
Type	Level (dBm)	Frequency (MHz)					
AWGN	0.1	3500	20	102	3452.156	>3450	Pass
				120	3452.161	>3450	Pass
				138	3452.159	>3450	Pass
			-40	120	3452.155	>3450	Pass
			-30	120	3452.172	>3450	Pass
			-20	120	3452.166	>3450	Pass
			-10	120	3452.157	>3450	Pass
			0	120	3452.149	>3450	Pass
			10	120	3452.155	>3450	Pass
			30	120	3452.162	>3450	Pass
			40	120	3452.164	>3450	Pass
			50	120	3452.169	>3450	Pass
			55	120	3452.164	>3450	Pass
			3500	20	102	3547.913	<3550
		120			3547.926	<3550	Pass
		138			3547.931	<3550	Pass
		-40		120	3547.921	<3550	Pass
		-30		120	3547.916	<3550	Pass
		-20		120	3547.918	<3550	Pass
		-10		120	3547.921	<3550	Pass
		0		120	3547.919	<3550	Pass
		10		120	3547.923	<3550	Pass
		30		120	3547.927	<3550	Pass
		40		120	3547.929	<3550	Pass
		50		120	3547.935	<3550	Pass
		55		120	3547.934	<3550	Pass



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## 8. Radiated Spurious Emissions

### 8.1 Bandn78e\_Ant1

#### 8.1.1 Test Result

AWGN 3452.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
	MHz	Polarization	dBm	dB	
376.4	Horizontal	-67.08	-40	-27.08	Pass
583.6	Horizontal	-66.16	-40	-26.16	Pass
968.6	Horizontal	-59.54	-40	-19.54	Pass
1328.4	Horizontal	-56.28	-40	-16.28	Pass
2875.8	Horizontal	-54.85	-40	-14.85	Pass
6493.3	Horizontal	-47.95	-40	-7.95	Pass
360.5	Vertical	-66.67	-40	-26.67	Pass
581.6	Vertical	-62.99	-40	-22.99	Pass
927.5	Vertical	-57.23	-40	-17.23	Pass
1371.7	Vertical	-59.36	-40	-19.36	Pass
2876.2	Vertical	-56.37	-40	-16.37	Pass
6520.0	Vertical	-46.19	-40	-6.19	Pass

AWGN 3500MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
	MHz	Polarization	dBm	dB	
410.4	Horizontal	-69.73	-40	-29.73	Pass
601.3	Horizontal	-62.93	-40	-22.93	Pass
971.7	Horizontal	-59.65	-40	-19.65	Pass
1330.6	Horizontal	-60.34	-40	-20.34	Pass
2904.9	Horizontal	-52.70	-40	-12.70	Pass
6490.0	Horizontal	-49.71	-40	-9.71	Pass
364.3	Vertical	-66.61	-40	-26.61	Pass
602.0	Vertical	-63.70	-40	-23.70	Pass
926.4	Vertical	-58.08	-40	-18.08	Pass
1325.2	Vertical	-61.09	-40	-21.09	Pass
2924.2	Vertical	-55.10	-40	-15.10	Pass
6512.9	Vertical	-49.67	-40	-9.67	Pass



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AWGN 3547.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
	MHz	Polarization	dBm	dB	
410.0	Horizontal	-66.15	-40	-26.15	Pass
592.8	Horizontal	-65.80	-40	-25.80	Pass
974.5	Horizontal	-57.74	-40	-17.74	Pass
1356.5	Horizontal	-57.74	-40	-17.74	Pass
2900.7	Horizontal	-54.21	-40	-14.21	Pass
6493.8	Horizontal	-46.46	-40	-6.46	Pass
366.7	Vertical	-71.56	-40	-31.56	Pass
561.7	Vertical	-61.17	-40	-21.17	Pass
944.8	Vertical	-56.43	-40	-16.43	Pass
1344.6	Vertical	-60.58	-40	-20.58	Pass
2921.4	Vertical	-55.56	-40	-15.56	Pass
6502.8	Vertical	-46.68	-40	-6.68	Pass

GMSK 3450.2MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
	MHz	Polarization	dBm	dB	
364.5	Horizontal	-67.00	-40	-27.00	Pass
581.0	Horizontal	-62.50	-40	-22.50	Pass
966.7	Horizontal	-61.91	-40	-21.91	Pass
1351.6	Horizontal	-60.62	-40	-20.62	Pass
2898.5	Horizontal	-53.00	-40	-13.00	Pass
6491.1	Horizontal	-48.16	-40	-8.16	Pass
402.9	Vertical	-67.33	-40	-27.33	Pass
570.6	Vertical	-66.77	-40	-26.77	Pass
942.1	Vertical	-56.79	-40	-16.79	Pass
1373.6	Vertical	-57.73	-40	-17.73	Pass
2889.7	Vertical	-52.46	-40	-12.46	Pass
6485.8	Vertical	-49.17	-40	-9.17	Pass



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GMSK 3500MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
	MHz	Polarization			
410.7	Horizontal	-69.17	-40	-29.17	Pass
588.8	Horizontal	-66.77	-40	-26.77	Pass
933.4	Horizontal	-60.35	-40	-20.35	Pass
1364.0	Horizontal	-60.52	-40	-20.52	Pass
2908.3	Horizontal	-52.58	-40	-12.58	Pass
6520.4	Horizontal	-50.13	-40	-10.13	Pass
401.1	Vertical	-67.95	-40	-27.95	Pass
590.2	Vertical	-64.58	-40	-24.58	Pass
957.3	Vertical	-58.66	-40	-18.66	Pass
1330.5	Vertical	-61.07	-40	-21.07	Pass
2914.1	Vertical	-51.60	-40	-11.60	Pass
6490.5	Vertical	-48.96	-40	-8.96	Pass

GMSK 3549.8MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
	MHz	Polarization			
370.6	Horizontal	-71.83	-40	-31.83	Pass
562.2	Horizontal	-61.02	-40	-21.02	Pass
942.2	Horizontal	-57.93	-40	-17.93	Pass
1343.6	Horizontal	-61.25	-40	-21.25	Pass
2912.7	Horizontal	-54.93	-40	-14.93	Pass
6492.0	Horizontal	-48.51	-40	-8.51	Pass
388.8	Vertical	-71.40	-40	-31.40	Pass
578.0	Vertical	-66.42	-40	-26.42	Pass
931.0	Vertical	-56.74	-40	-16.74	Pass
1360.8	Vertical	-56.61	-40	-16.61	Pass
2907.4	Vertical	-55.17	-40	-15.17	Pass
6523.4	Vertical	-46.81	-40	-6.81	Pass



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For 100MHz BW

AWGN 3500MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
	MHz	Polarization	dBm	dB	
410.3	Horizontal	-69.25	-40	-29.25	Pass
593.1	Horizontal	-64.82	-40	-24.82	Pass
938.2	Horizontal	-56.22	-40	-16.22	Pass
1367.8	Horizontal	-58.17	-40	-18.17	Pass
2917.3	Horizontal	-53.45	-40	-13.45	Pass
6521.8	Horizontal	-48.01	-40	-8.01	Pass
371.2	Vertical	-67.07	-40	-27.07	Pass
568.1	Vertical	-66.63	-40	-26.63	Pass
946.3	Vertical	-57.75	-40	-17.75	Pass
1364.3	Vertical	-57.42	-40	-17.42	Pass
2913.0	Vertical	-53.94	-40	-13.94	Pass
6518.1	Vertical	-49.60	-40	-9.60	Pass



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