

Appendix for KSCR2211002212AT-LTE-Band26b+5GNR-N26 (869-894MHz)

1. Out of band rejection

1.1 Band26b

1.1.1 Test Result

Band: 26b / NTNv							
Signal	Sweep Frequency Range (MHz)	TX Type	ANT	F0 (MHz)	FL (MHz)	FH (MHz)	Verdict
CW	819 - 944	SISO	1	887.625	868.500	894.750	Pass

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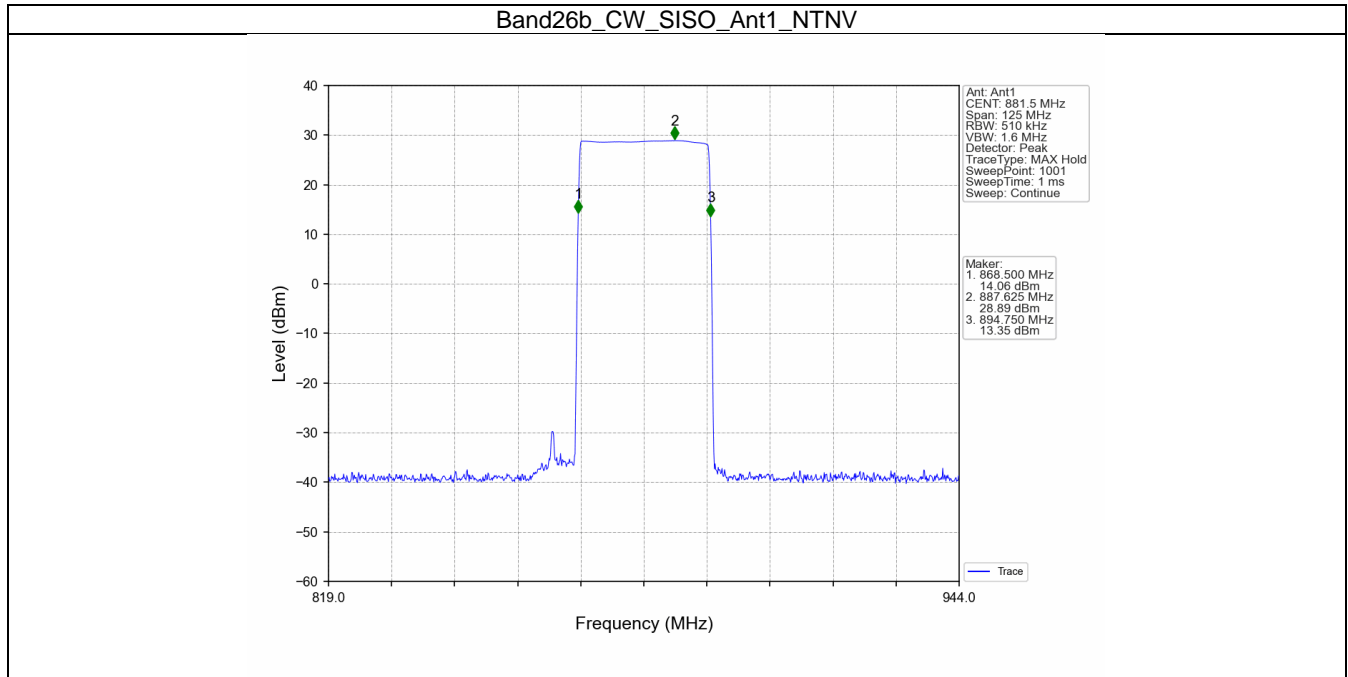
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1.1.2 Test Graph



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## 2. AGC threshold

### 2.1 Band26b

#### 2.1.1 Test Result

Band: 26b / NTNV					
Signal	Frequency (MHz)	TX Type	ANT	AGC Threshold (dBm)	Verdict
AWGN	887.625	SISO	1	0.20	Pass
GMSK	887.625	SISO	1	0.20	Pass



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

#### 3.1 Band26b\_OBW

##### 3.1.1 Test Result

For LTE Band 26b

Band: 26b / NTN							
Type	Signal		TX Type	ANT	99% OBW (MHz)		Verdict
	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	0.2	887.625	SISO	1	4.539	4.530	Pass
	3.2	887.625	SISO	1	4.535	4.543	Pass
GMSK	0.2	887.625	SISO	1	0.244	0.244	Pass
	3.2	887.625	SISO	1	0.244	0.247	Pass

For 5G NR N26 (869-894MHz)

N26(869-894MHz)/ NTN							
Type	Signal		TX Type	ANT	99% OBW (MHz)		Verdict
	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	0.2	881.5	SISO	1	23.064	23.030	Pass
	3.2	881.5	SISO	1	23.196	23.126	Pass

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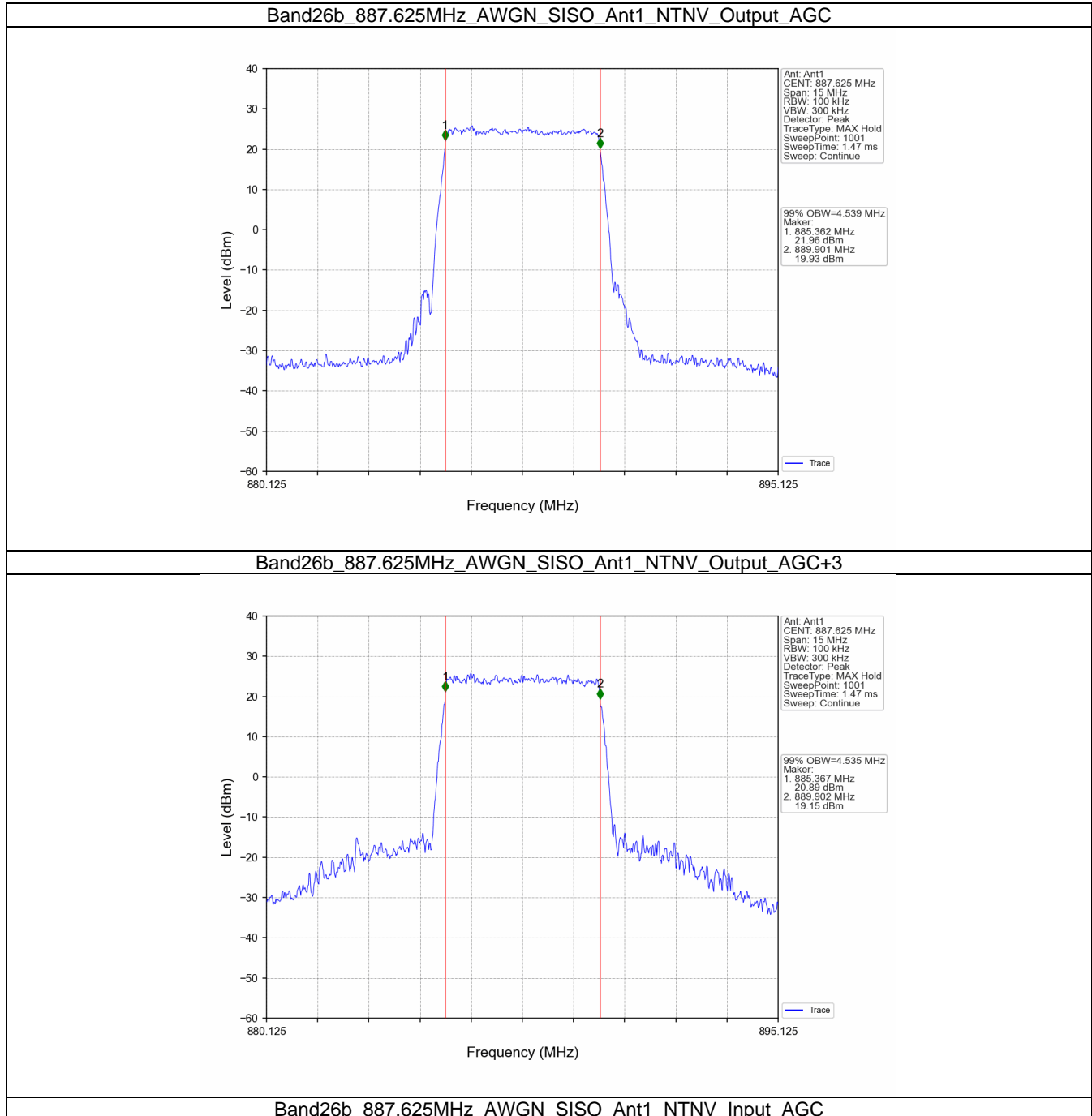
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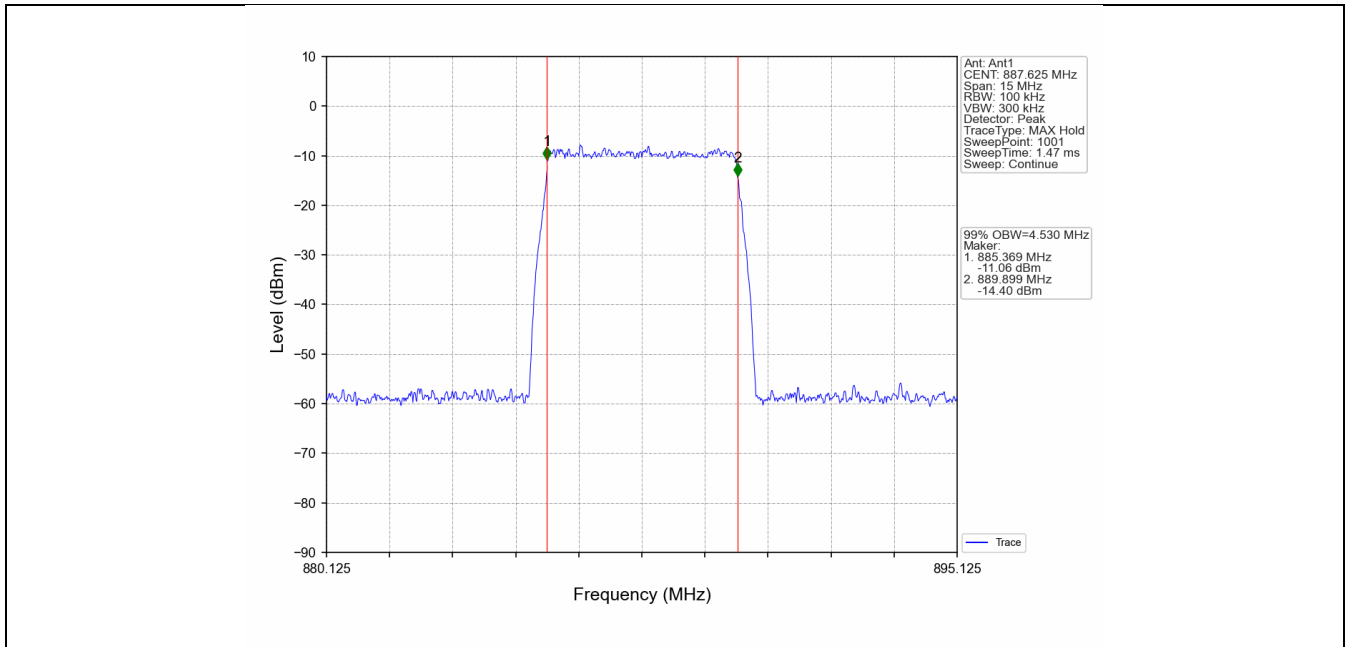
For LTE Band 26b



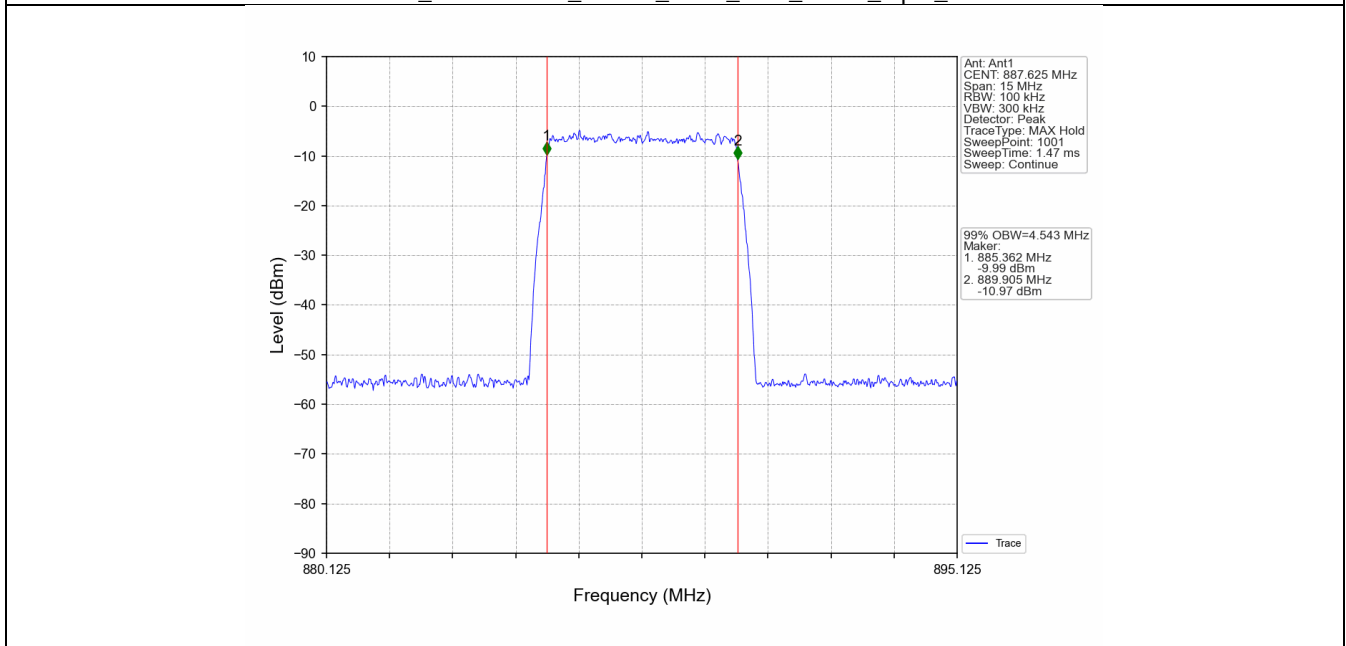
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Band26b\_887.625MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC+3



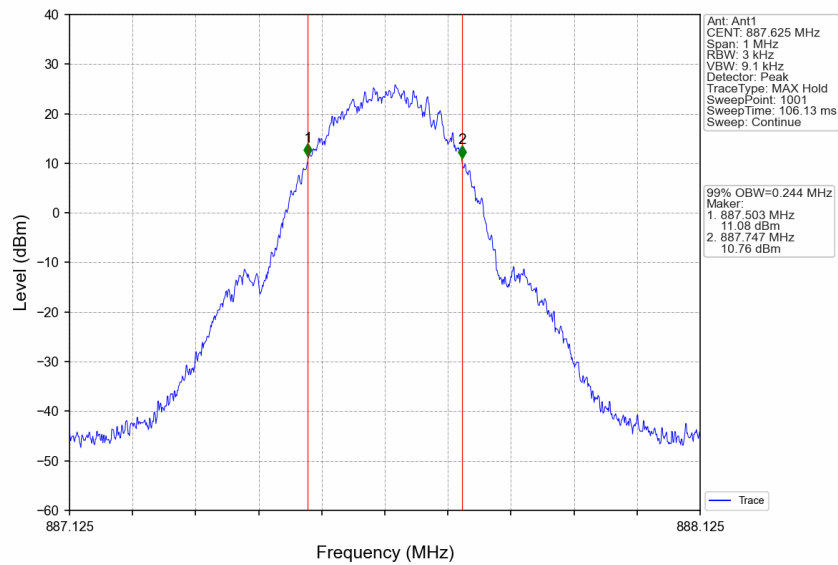
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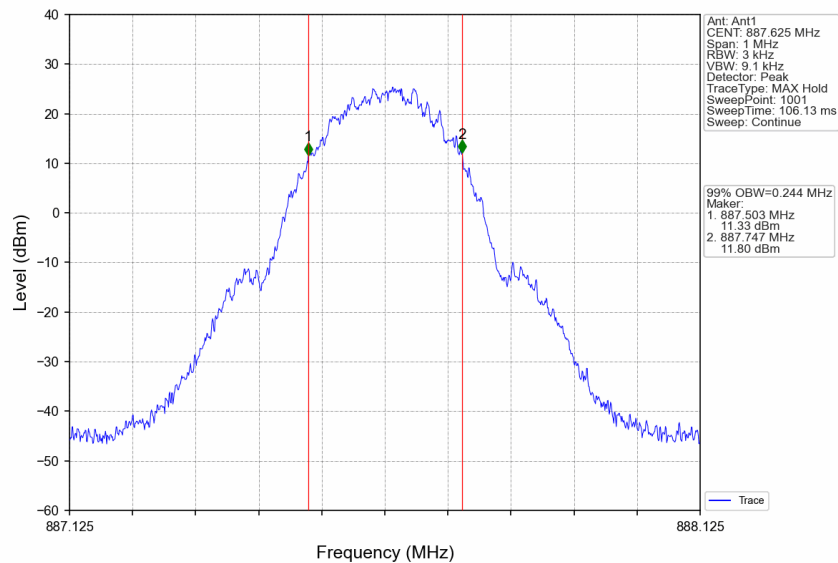
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Band26b\_887.625MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC



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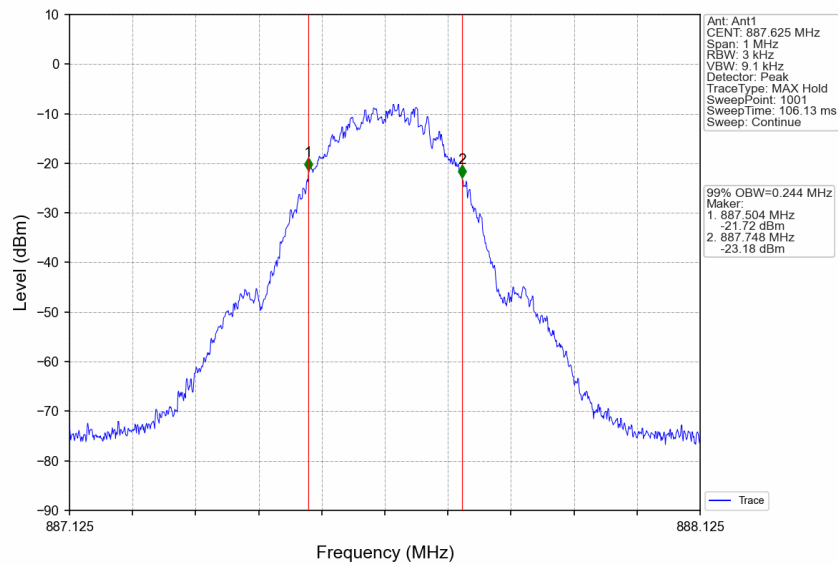
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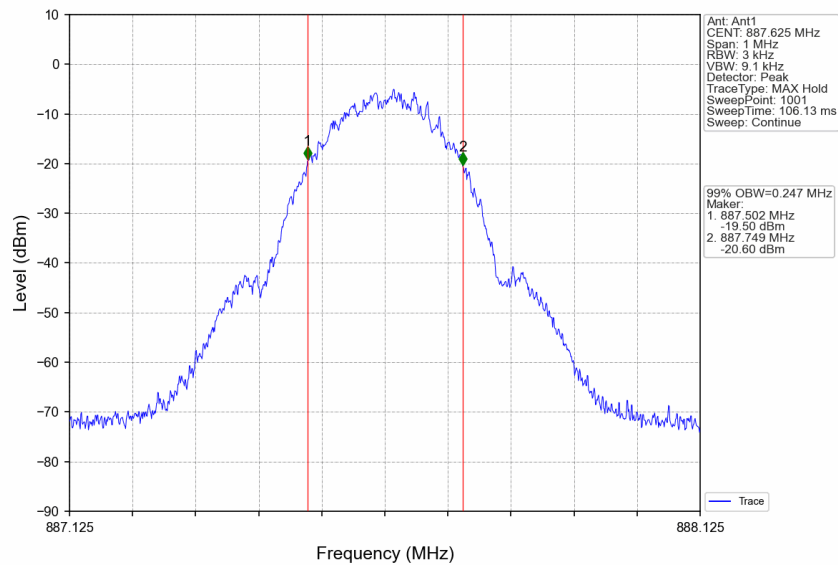
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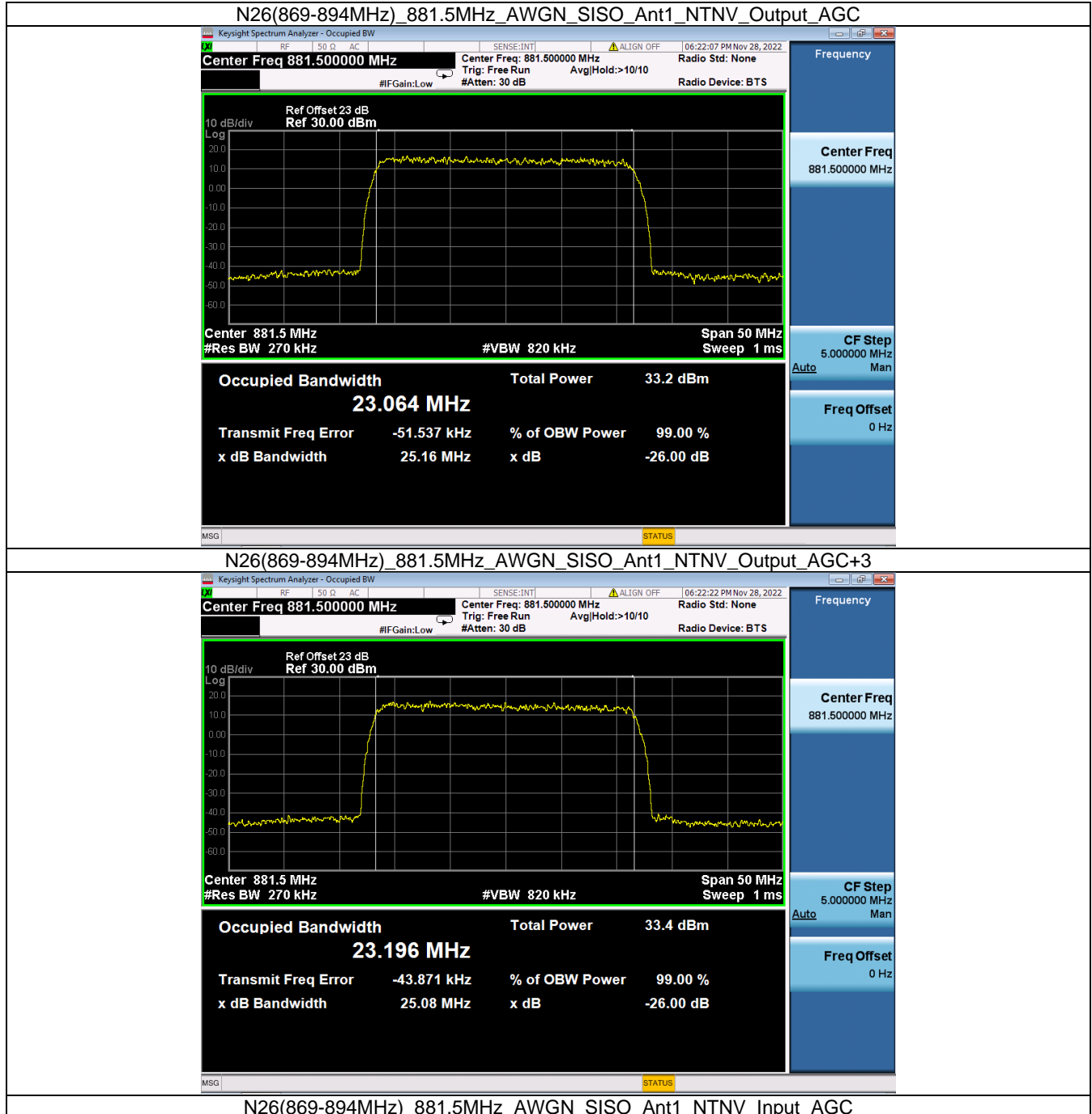
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For 5G NR N26(869-894MHz)



N26(869-894MHz)\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC

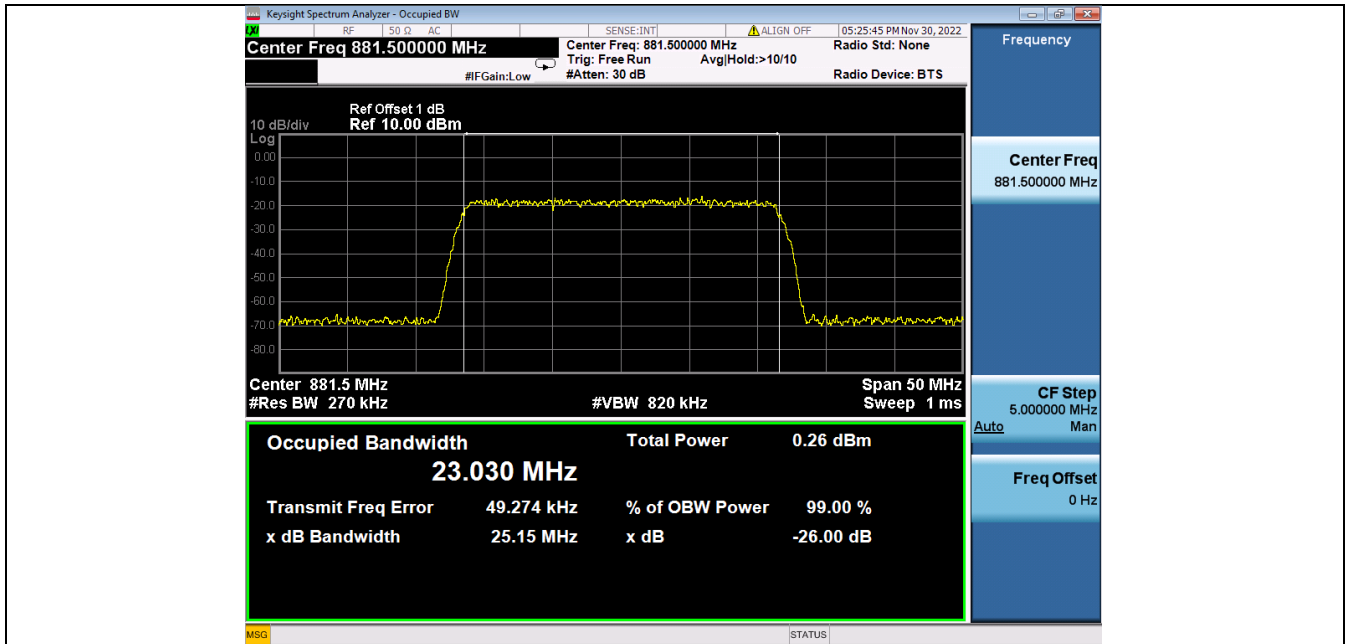


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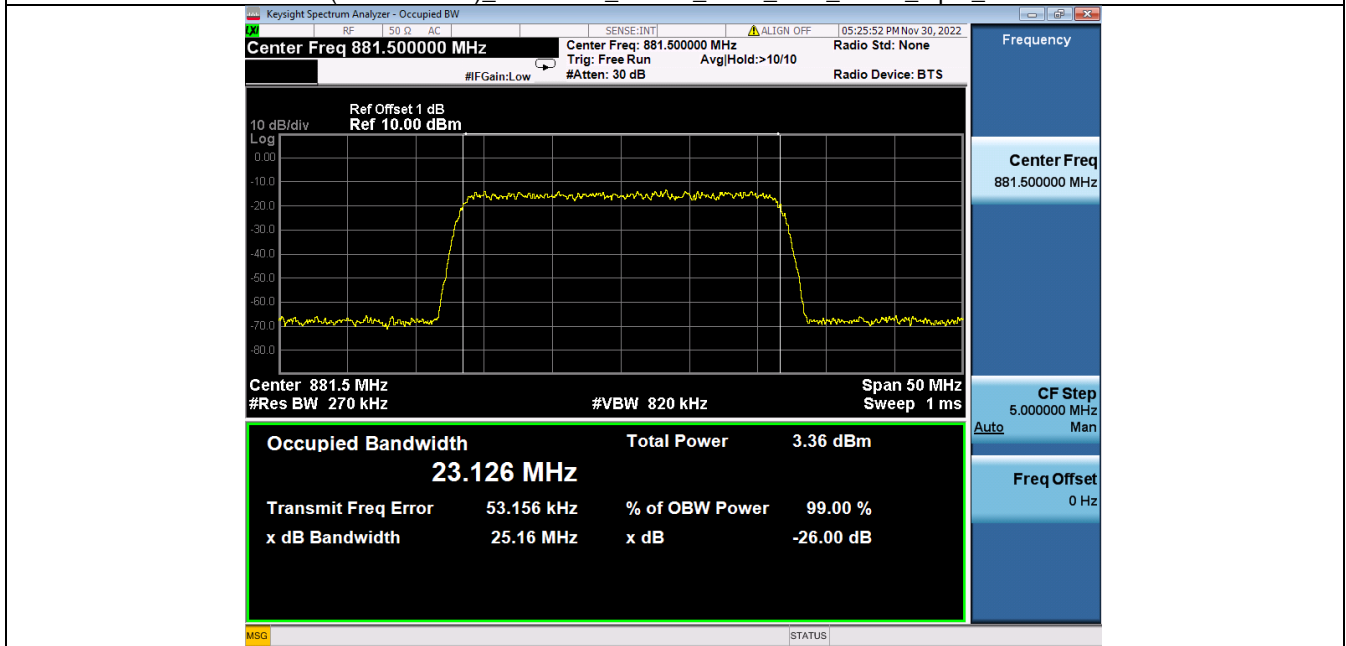
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3.2 Band26b\_EBW

3.2.1 Test Result

For LTE Band 26b

Band: 26b / NTN							
Type	Signal		TX Type	ANT	26dB EBW (MHz)		Verdict
	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	0.2	887.625	SISO	1	5.059	5.040	Pass
	3.2	887.625	SISO	1	5.061	5.058	Pass
GMSK	0.2	887.625	SISO	1	0.315	0.316	Pass
	3.2	887.625	SISO	1	0.317	0.315	Pass

For 5G NR N26(869-894MHz)

N26(869-894MHz) / NTN							
Type	Signal		TX Type	ANT	26dB EBW (MHz)		Verdict
	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	0.2	881.5	SISO	1	25.16	25.15	Pass
	3.2	881.5	SISO	1	25.08	25.16	Pass

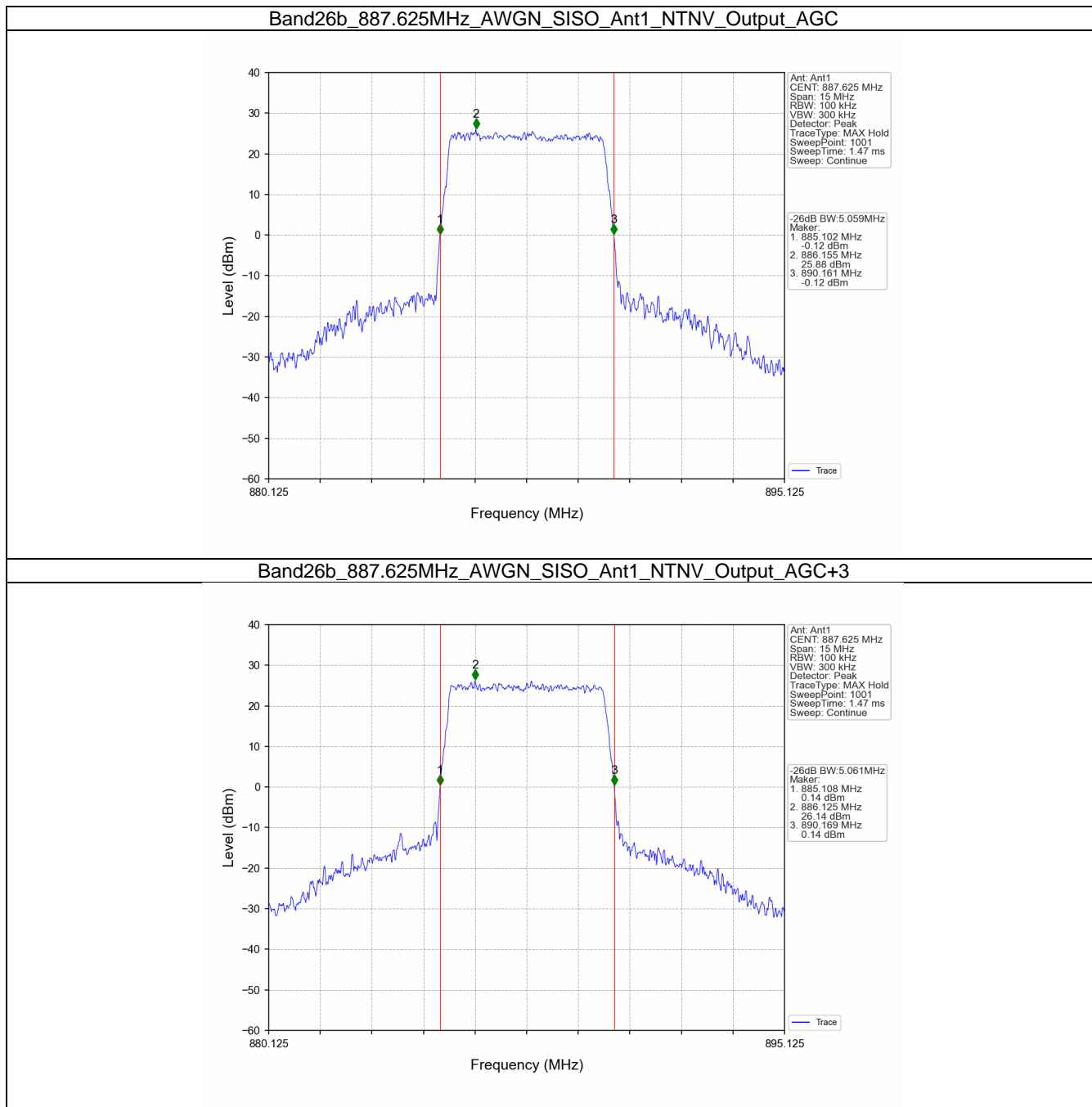


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### 3.2.2 Test Graph

For LTE Band 26b

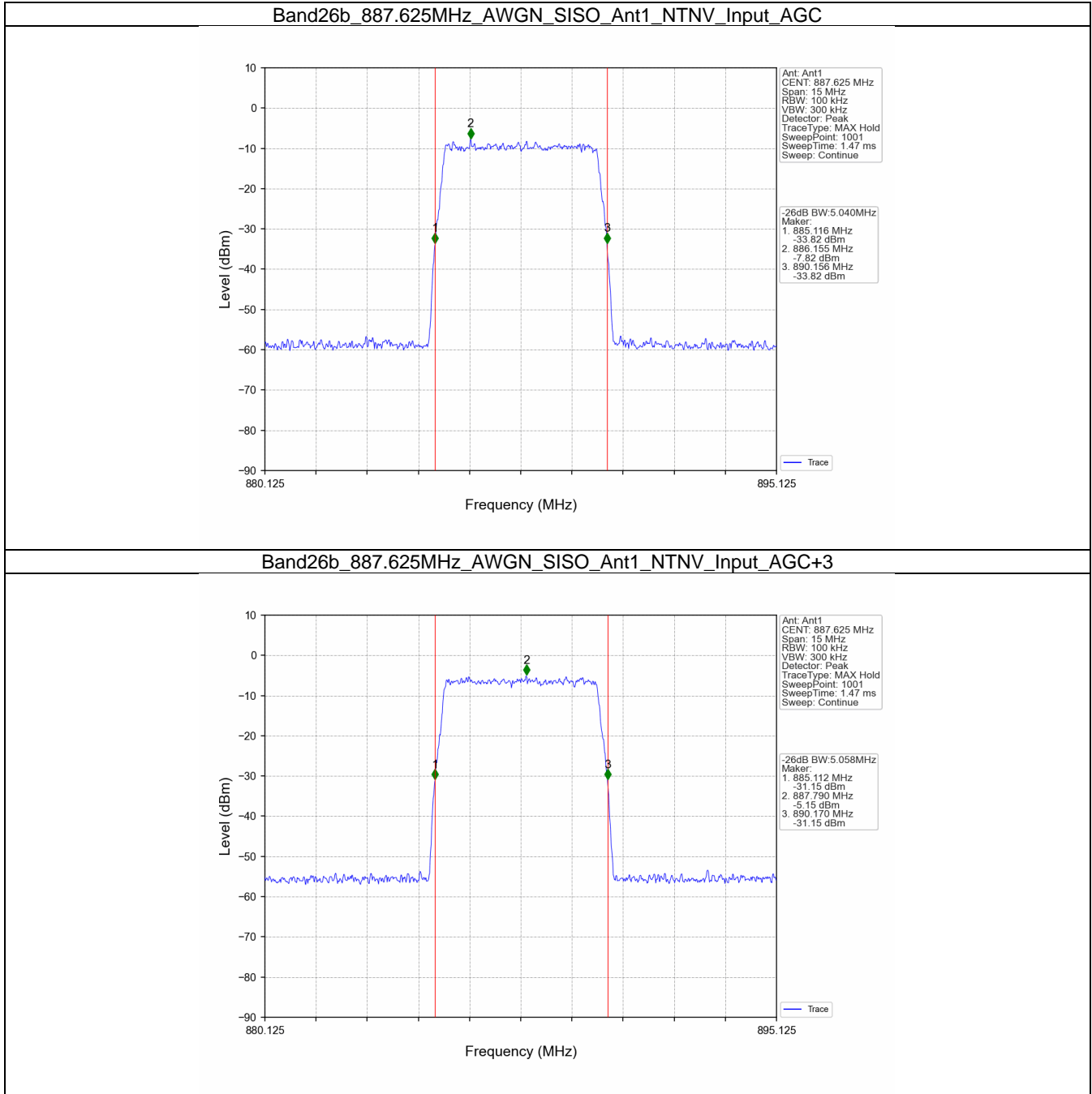


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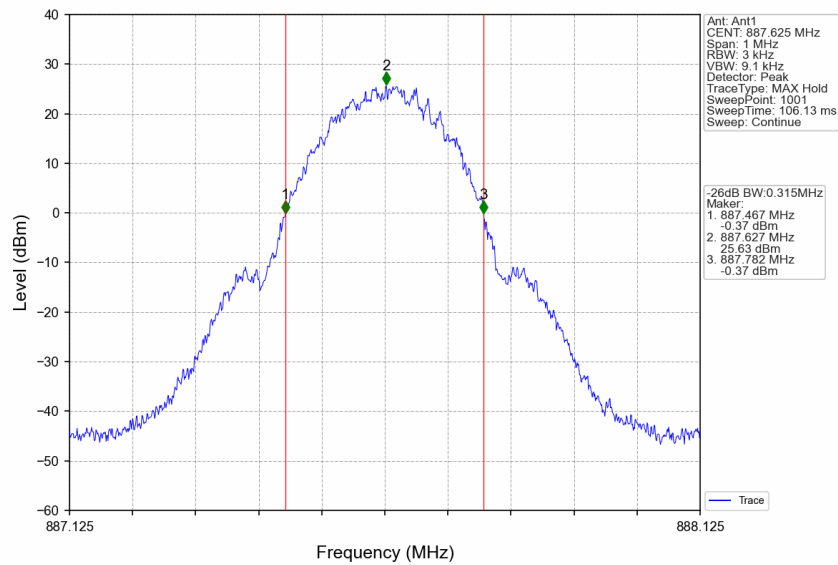
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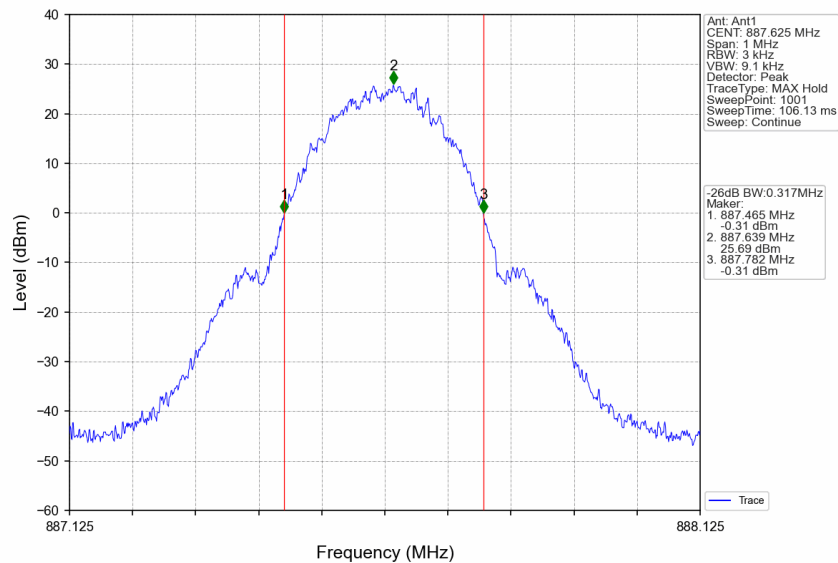
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Band26b\_887.625MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC



Band26b\_887.625MHz\_GMSK\_SISO\_Ant1\_NTNV\_Output\_AGC+3



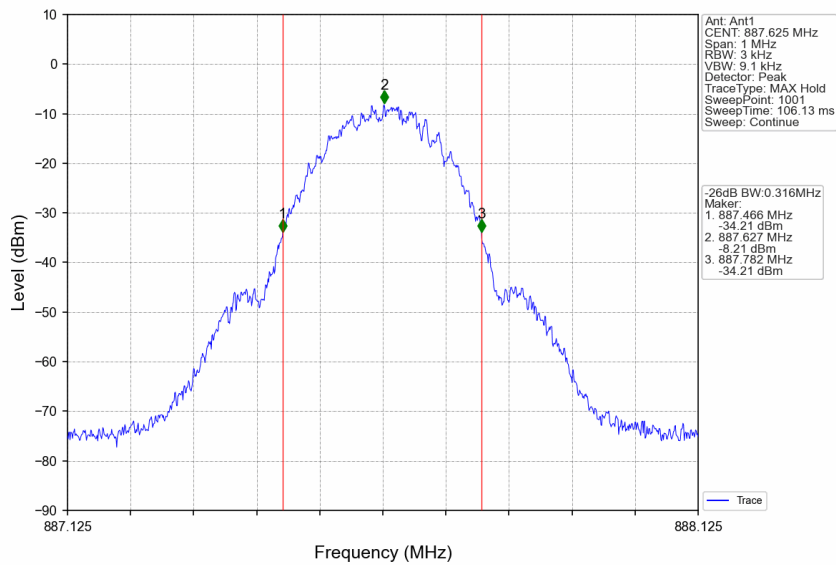
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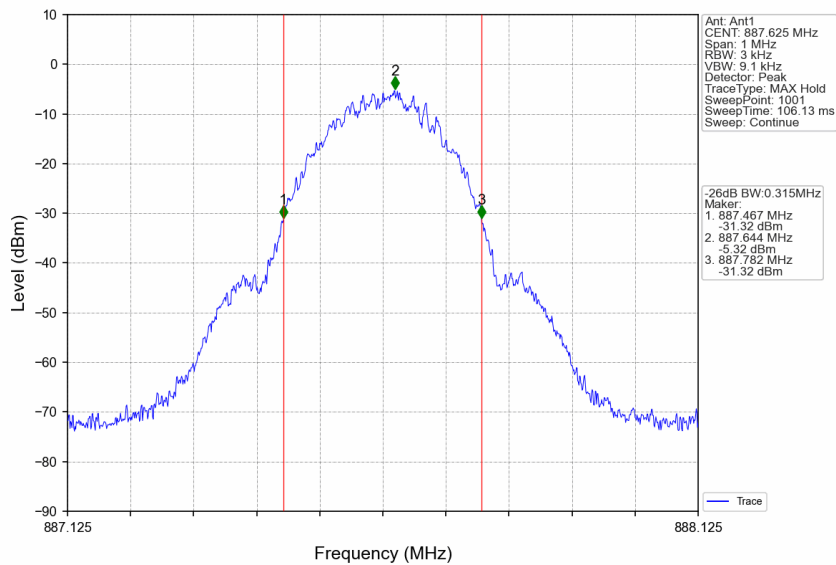
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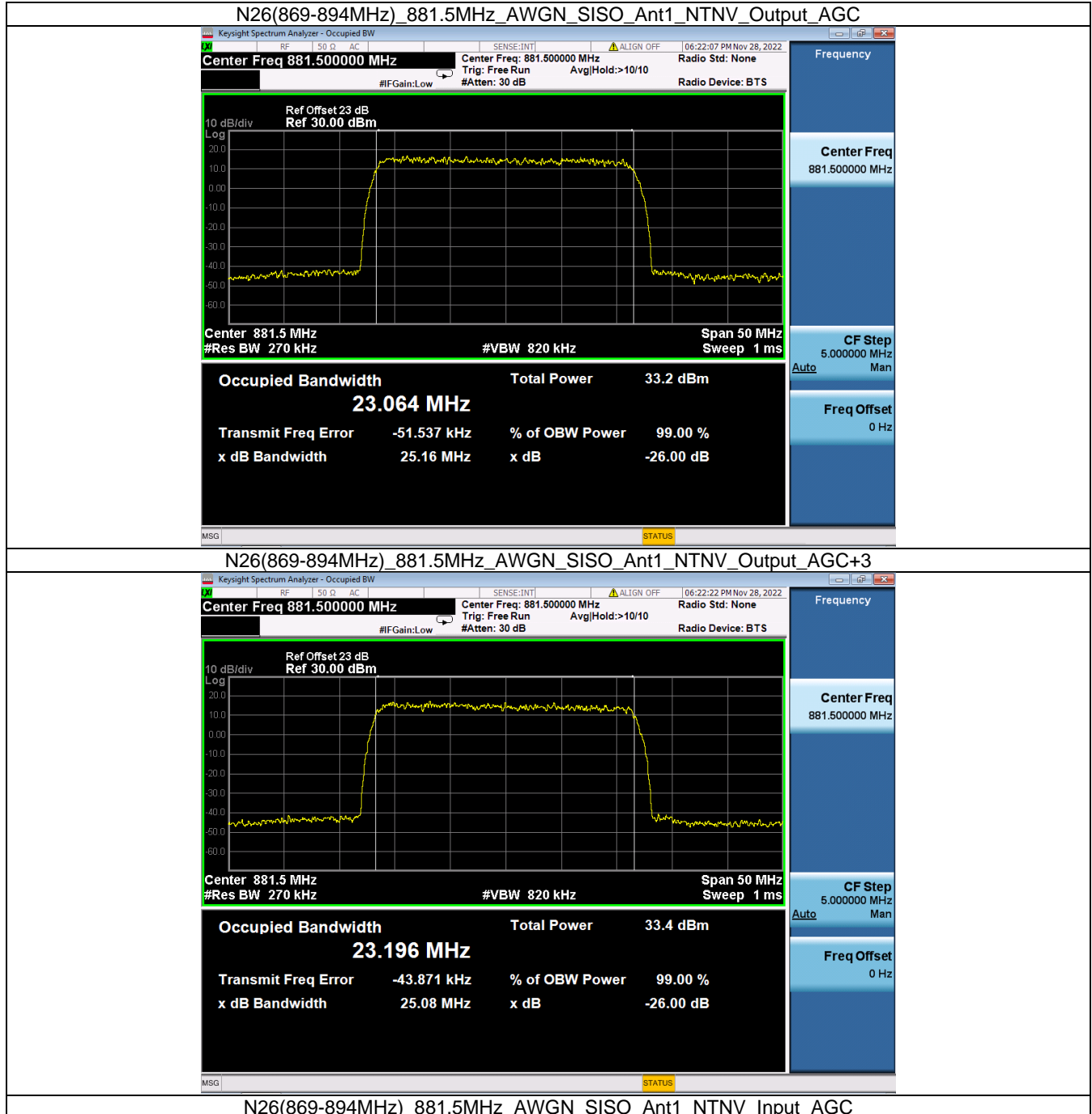
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For 5G NR N26(869-894MHz)



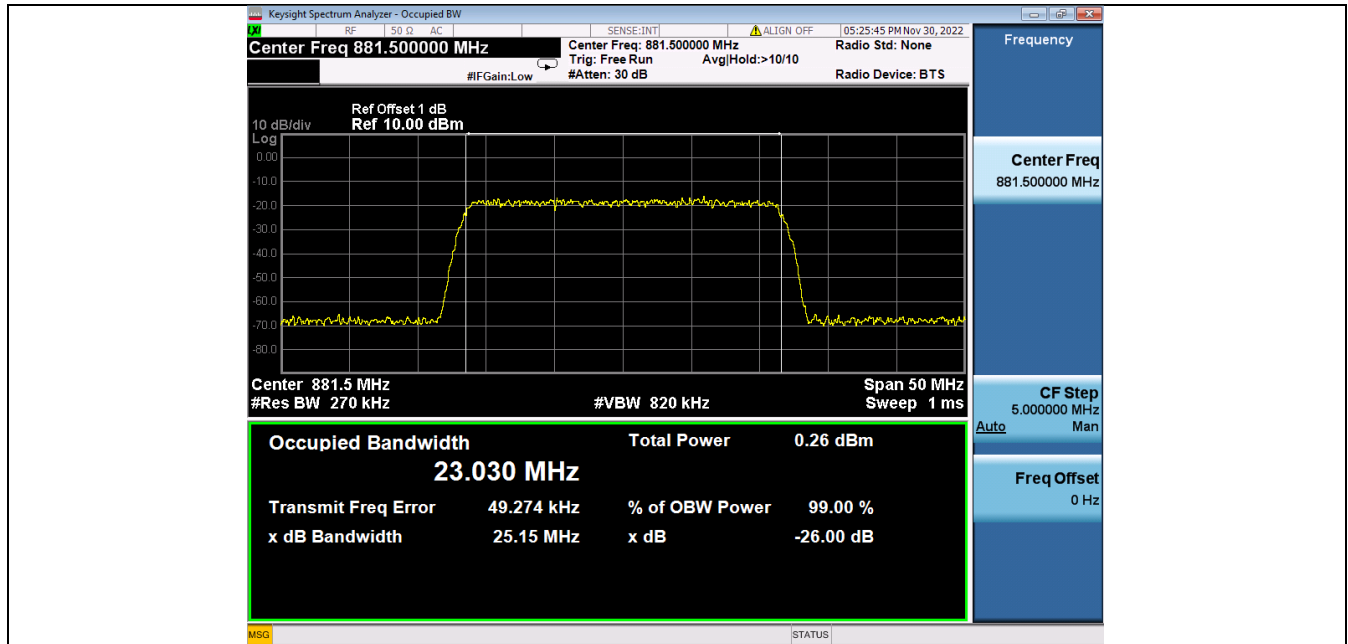
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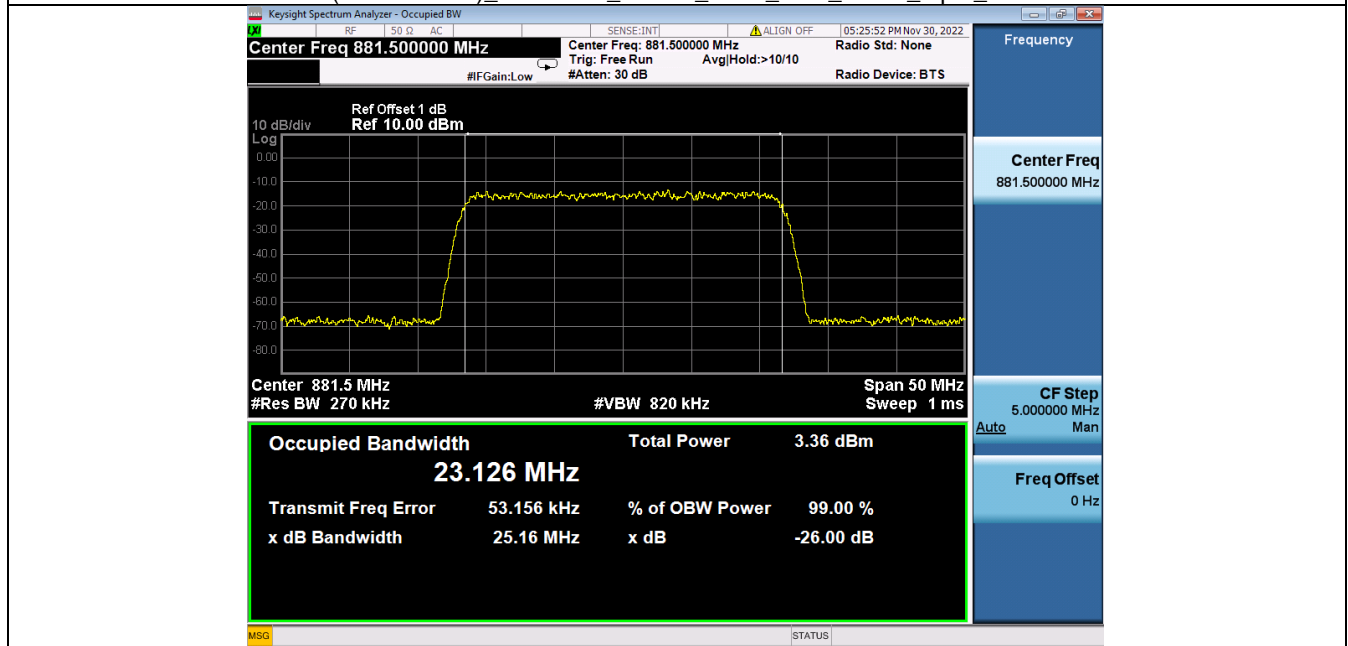
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N26(869-894MHz)\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_Input\_AGC+3



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

##### 4.1 Band26b\_ERP

##### 4.1.1 Test Result

For LTE Band 26b

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		
AWGN	0.2	887.625	SISO	1	33.31	0.14	43.16	<=56.99	33.17	Pass
	3.2	887.625	SISO	1	33.36	3.13	43.21	<=56.99	/	Pass
GMSK	0.2	887.625	SISO	1	33.23	0.15	43.08	<=56.99	33.08	Pass
	3.2	887.625	SISO	1	33.27	3.16	43.12	<=56.99	/	Pass

For 5G NR N26(869-894MHz)

N26(869-894MHz) / NTNv										
Signal			TX Type	ANT	Conducted Power (dBm)		ERP (dBm)		Booster Gain (dB)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	Result	Limit		
AWGN	0.2	881.5	SISO	1	33.23	0.14	43.08	<=56.99	33.09	Pass
	3.2	881.5	SISO	1	33.33	3.13	43.18	<=56.99	/	Pass

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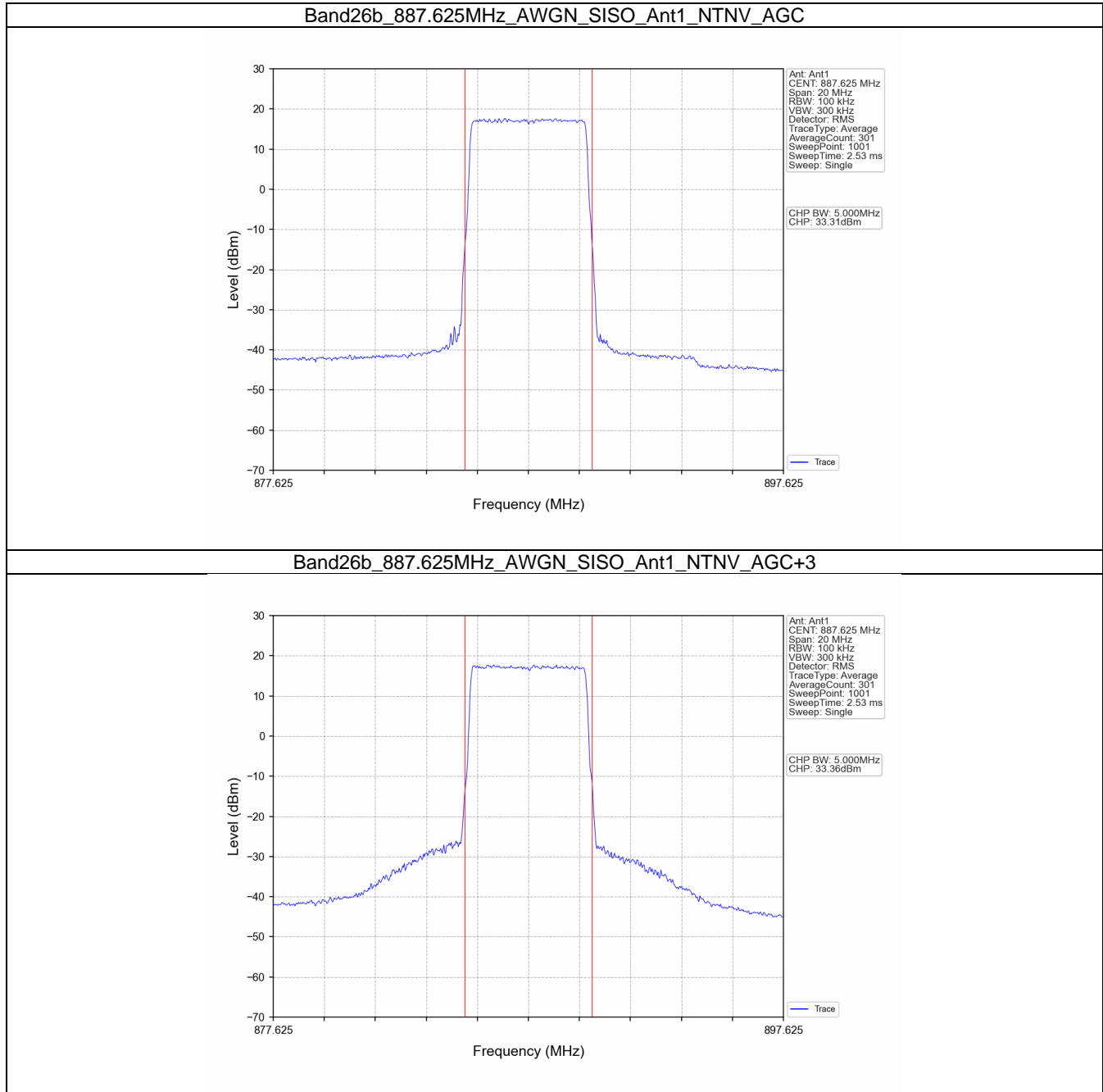
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4.1.2 Test Graph

For LTE Band 26b



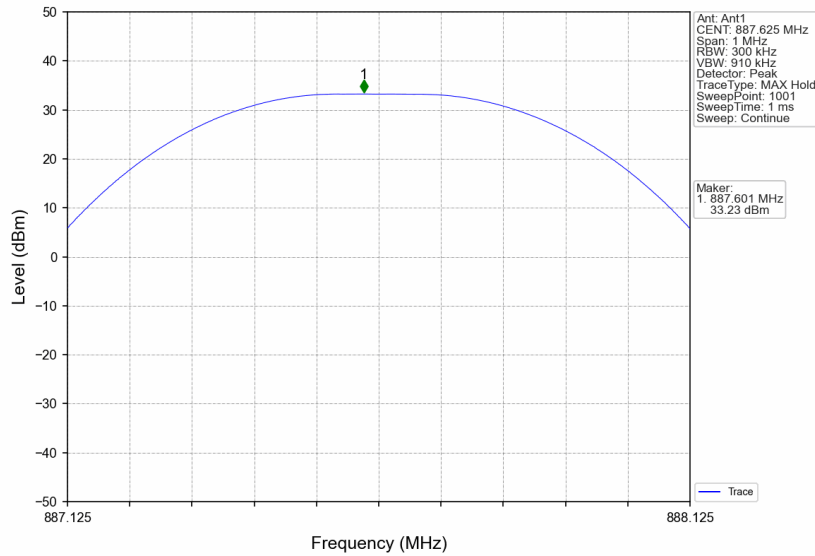
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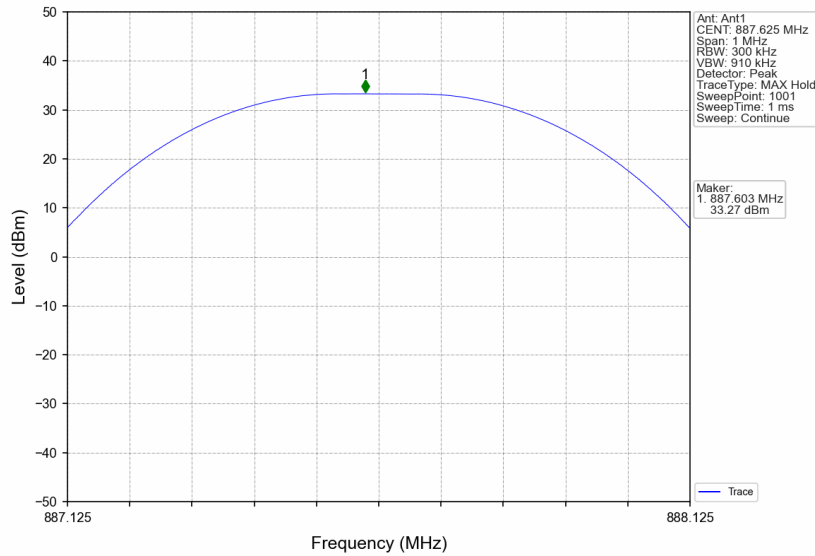
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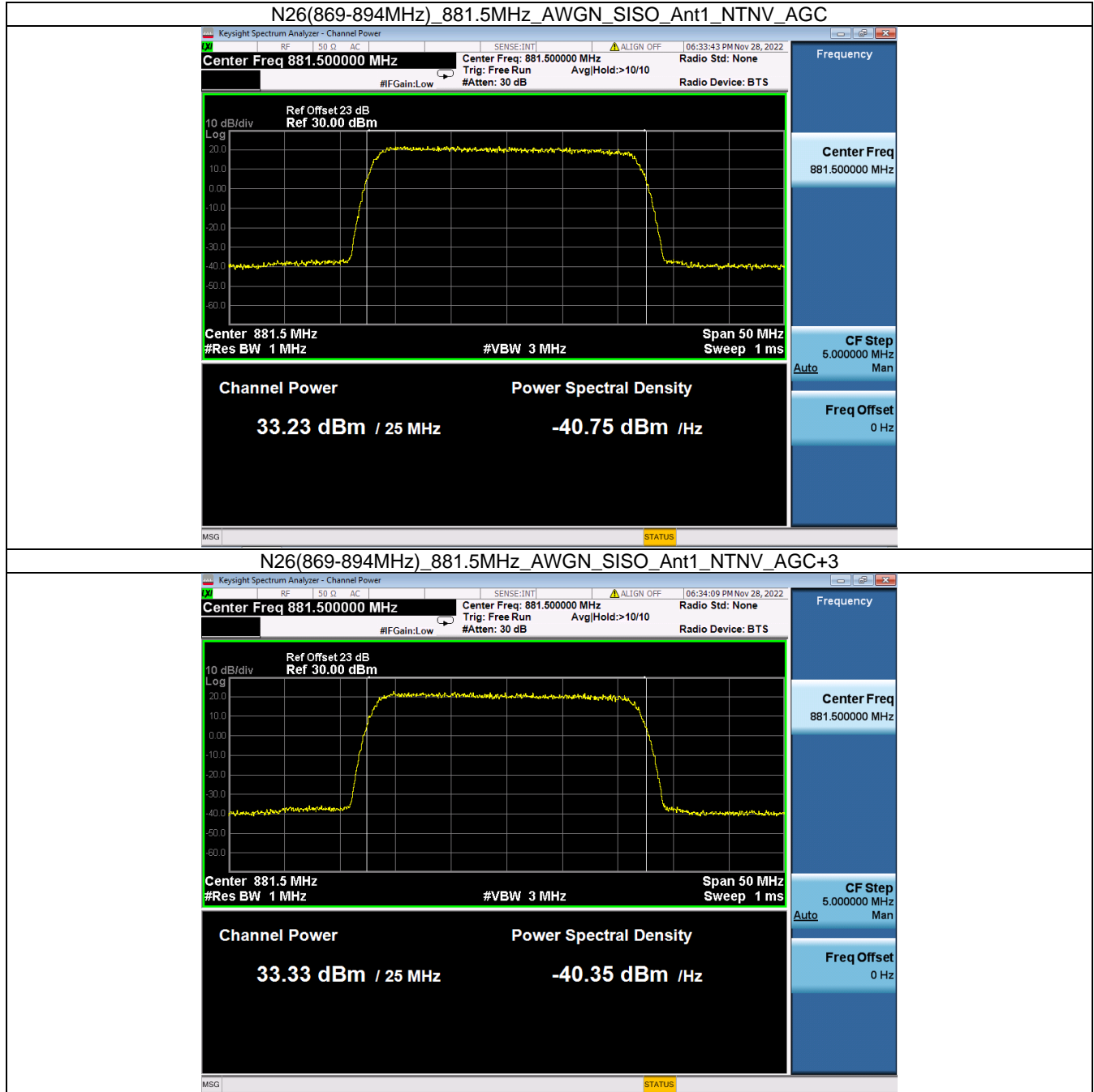
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For 5G NR N26(869-894MHz)



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4.2 Band26b\_PAPR

4.2.1 Test Result

For LTE Band 26b

Band: 26b / NTN							
Type	Signal		TX Type	ANT	PAPR (dB)		Verdict
	Level (dBm)	Frequency (MHz)			Result	Limit	
AWGN	0.2	887.625	SISO	1	8.22	<=13	Pass
	3.2	887.625	SISO	1	8.20	<=13	Pass
GMSK	0.2	887.625	SISO	1	0.47	<=13	Pass
	3.2	887.625	SISO	1	0.29	<=13	Pass

For 5G NR N26(869-894MHz)

N26(869-894MHz) / NTN							
Type	Signal		TX Type	ANT	PAPR (dB)		Verdict
	Level (dBm)	Frequency (MHz)			Result	Limit	
AWGN	0.2	881.5	SISO	1	8.39	<=13	Pass
	3.2	881.5	SISO	1	8.39	<=13	Pass

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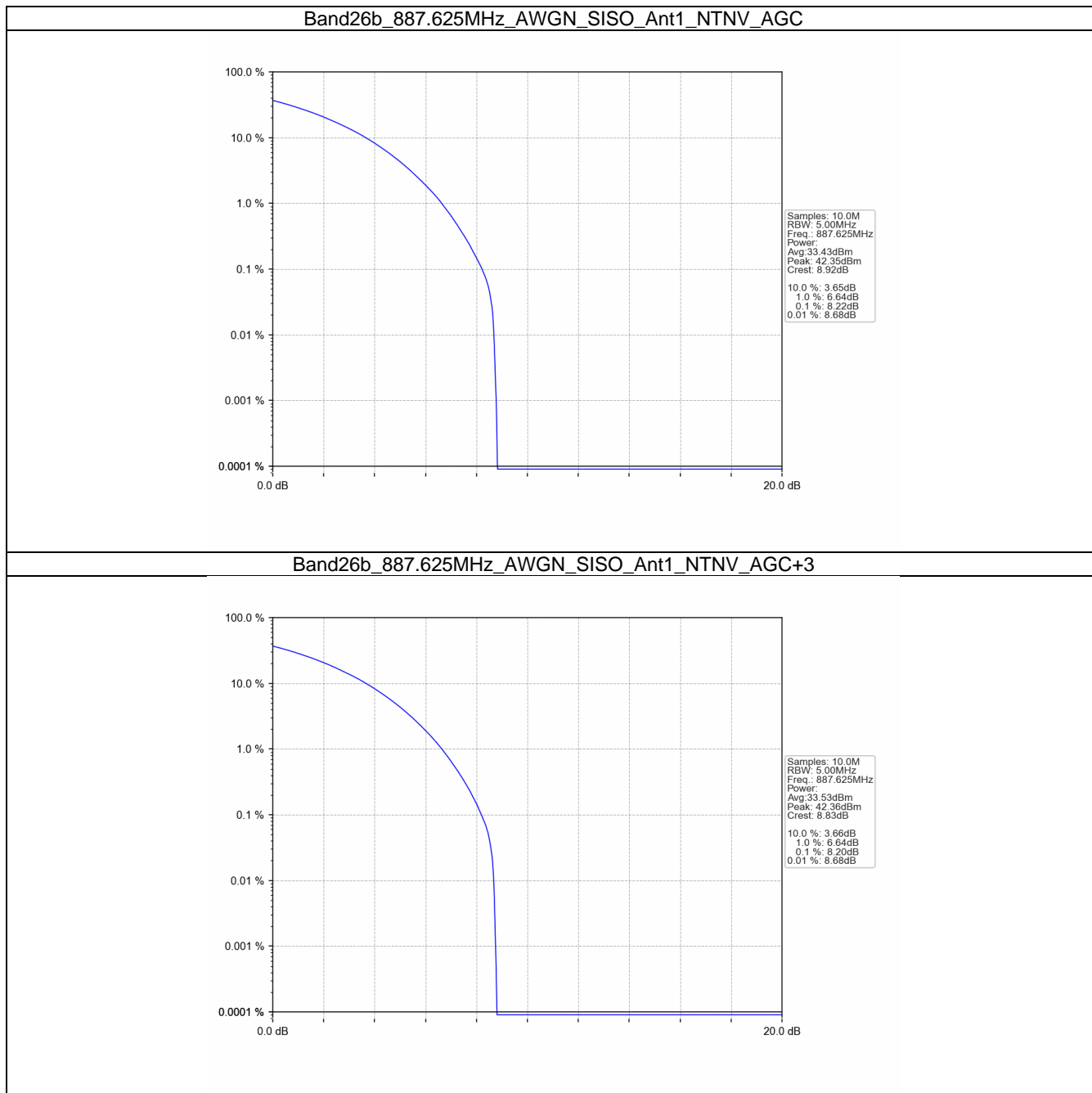
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4.2.2 Test Graph

For LTE Band 26b



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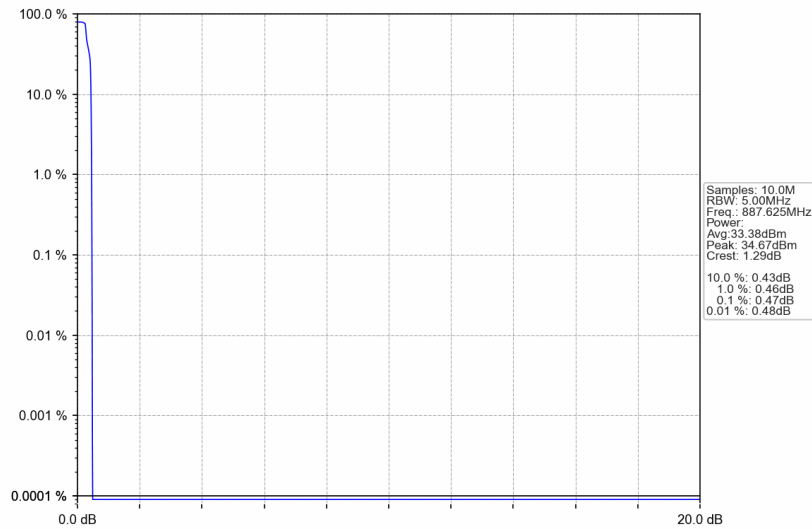
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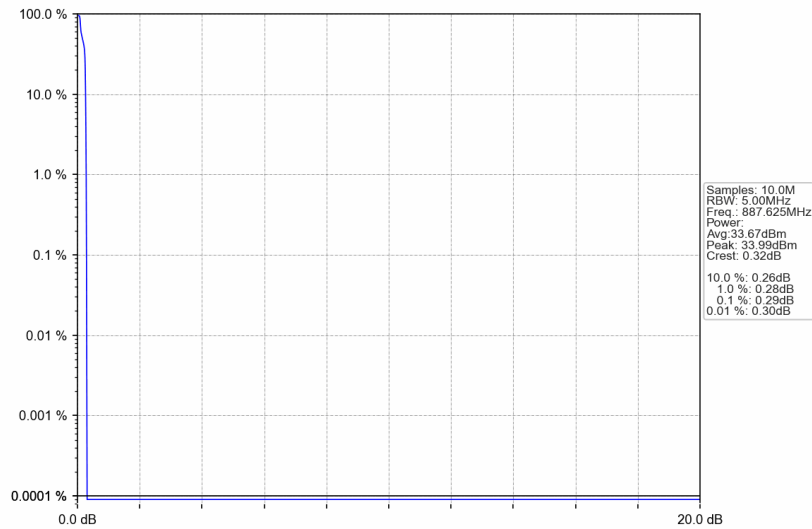
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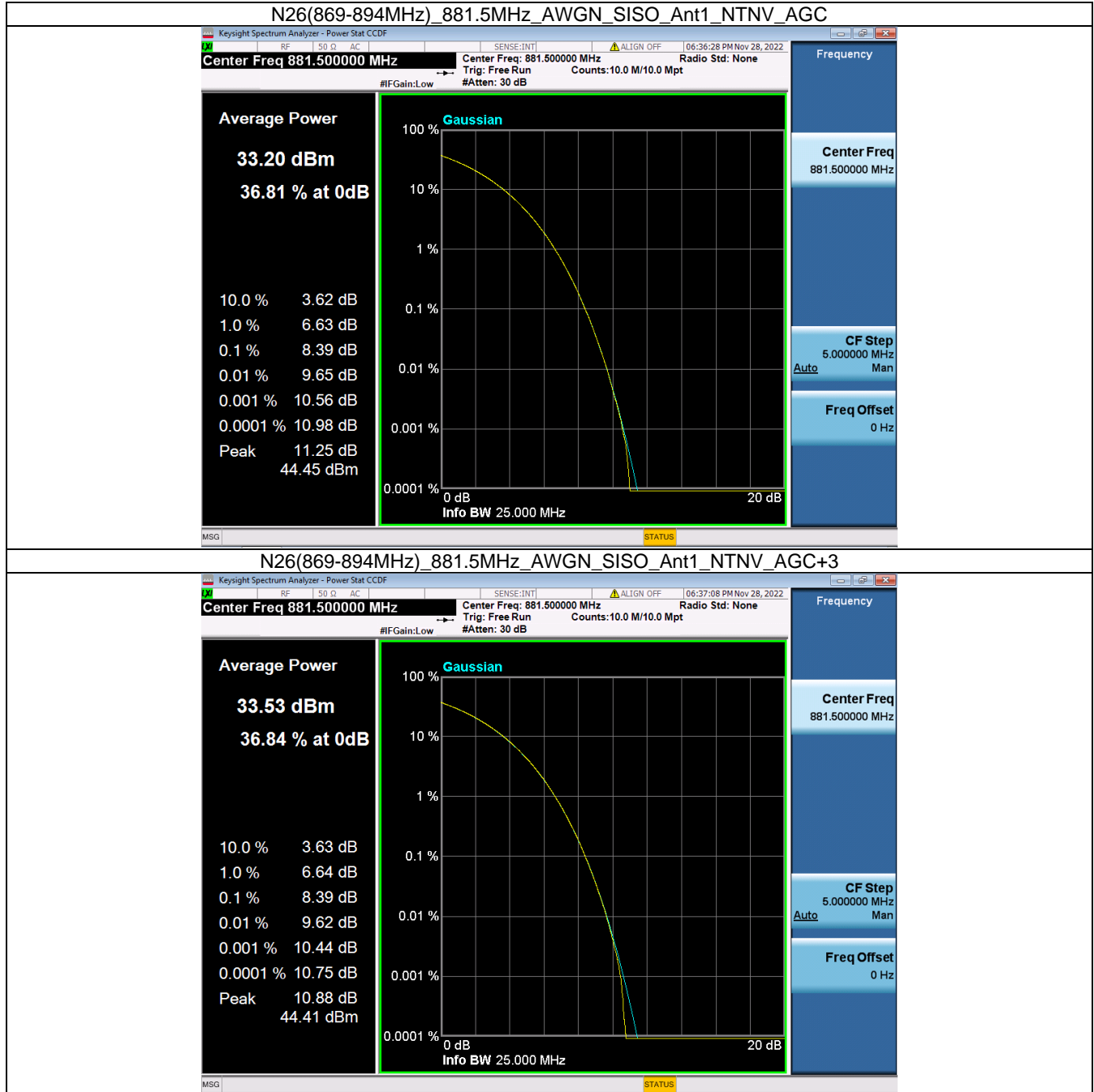
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### 5. Out-of-band/out-of-block (including intermodulation) emissions

#### 5.1 Band26b

##### 5.1.1 Test Result

For LTE Band 26b

Band: 26b / NTNV									
Input	Type	Signal		Channel	TX Type	ANT	OOB (dBm)		Verdict
		Level (dBm)	Frequency (MHz)				Result	Limit	
Two	AWGN	0.2	871.5	LCH	SISO	1	-65.09	Refer To Test Graph	Pass
		3.2	871.5	LCH	SISO	1	-64.98	Refer To Test Graph	Pass
One	AWGN	0.2	871.5	LCH	SISO	1	-64.92	Refer To Test Graph	Pass
		3.2	871.5	LCH	SISO	1	-64.98	Refer To Test Graph	Pass
Two	AWGN	0.2	891.5	HCH	SISO	1	-68.93	Refer To Test Graph	Pass
		3.2	891.5	HCH	SISO	1	-69.02	Refer To Test Graph	Pass
One	AWGN	0.2	891.5	HCH	SISO	1	-68.66	Refer To Test Graph	Pass
		3.2	891.5	HCH	SISO	1	-69.14	Refer To Test Graph	Pass
Two	GMSK	0.2	869.1	LCH	SISO	1	-77.03	Refer To Test Graph	Pass
		3.2	869.1	LCH	SISO	1	-76.79	Refer To Test Graph	Pass
One	GMSK	0.2	869.1	LCH	SISO	1	-76.83	Refer To Test Graph	Pass
		3.2	869.1	LCH	SISO	1	-76.75	Refer To Test Graph	Pass
Two	GMSK	0.2	893.9	HCH	SISO	1	-80.87	Refer To Test Graph	Pass
		3.2	893.9	HCH	SISO	1	-81.00	Refer To Test Graph	Pass
One	GMSK	0.2	893.9	HCH	SISO	1	-80.99	Refer To Test Graph	Pass
		3.2	893.9	HCH	SISO	1	-80.93	Refer To Test Graph	Pass

For 5G NR N26(869-894MHz)

N26(869-894MHz) / NTNV									
Input	Type	Signal		Channel	TX Type	ANT	OOB (dBm)		Verdict
		Level (dBm)	Frequency (MHz)				Result	Limit	
Two	AWGN	0.2	881.5	LCH	SISO	1	-38.106	Refer To Test Graph	Pass
		3.2	881.5	LCH	SISO	1	-37.918	Refer To Test Graph	Pass
One	AWGN	0.2	881.5	LCH	SISO	1	-37.752	Refer To Test Graph	Pass
		3.2	881.5	LCH	SISO	1	-38.154	Refer To Test Graph	Pass
Two	AWGN	0.2	881.5	HCH	SISO	1	-40.312	Refer To Test Graph	Pass
		3.2	881.5	HCH	SISO	1	-40.191	Refer To Test Graph	Pass
One	AWGN	0.2	881.5	HCH	SISO	1	-37.752	Refer To Test Graph	Pass
		3.2	881.5	HCH	SISO	1	-38.154	Refer To Test Graph	Pass

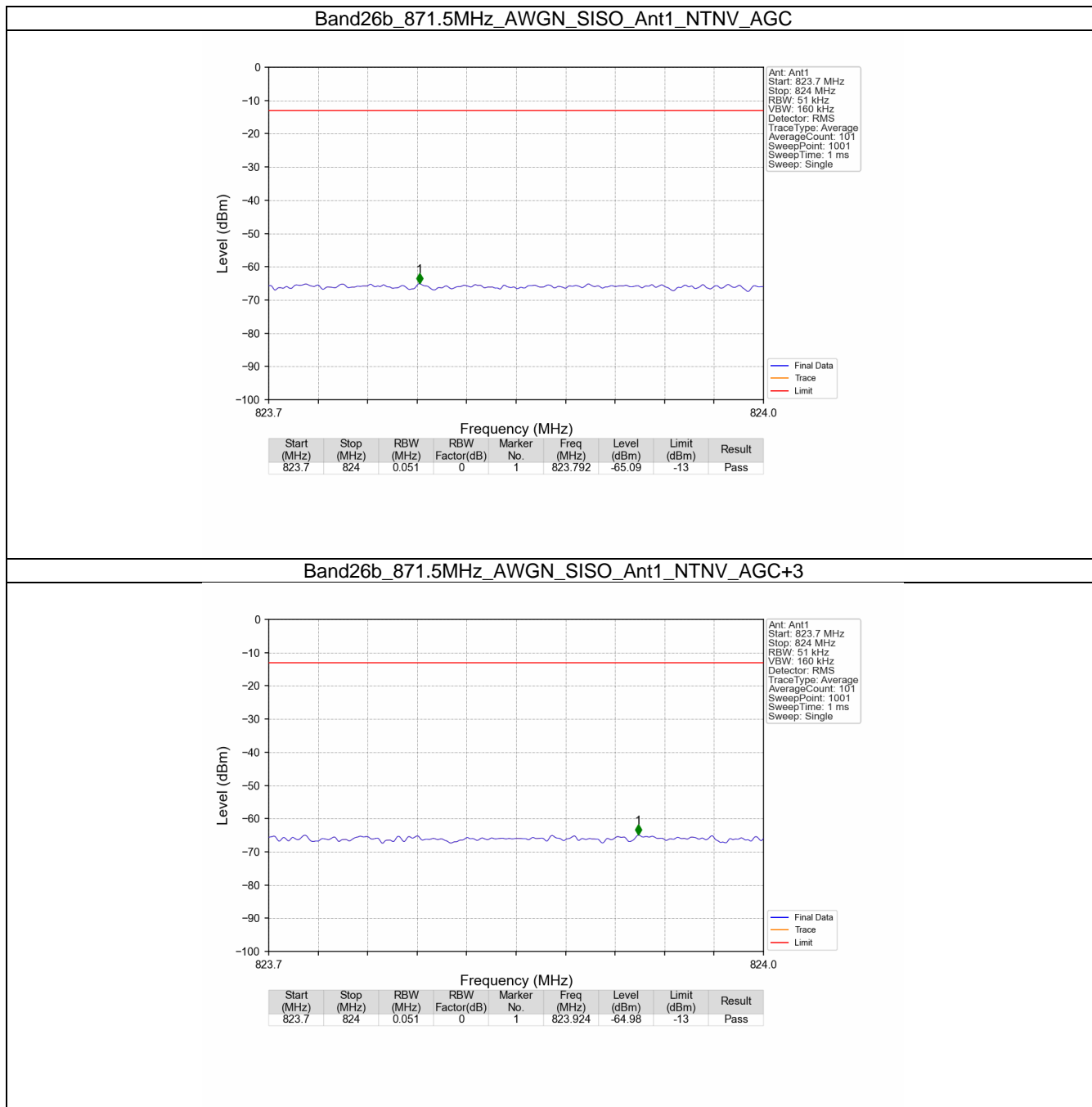


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5.1.2 Test Graph

For LTE Band 26b



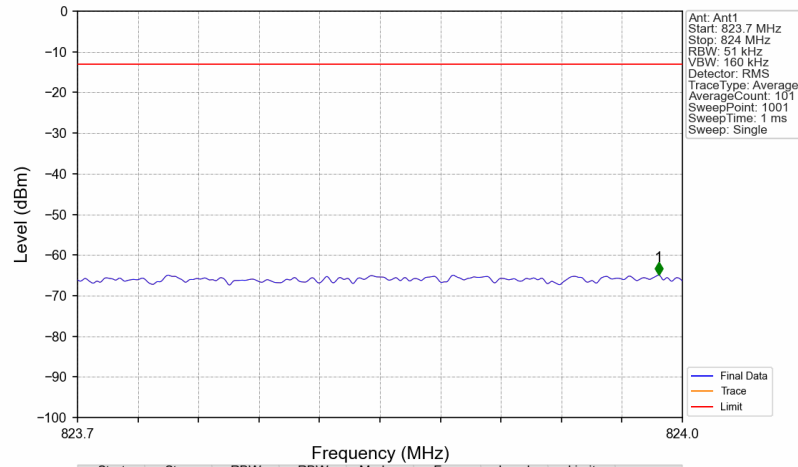
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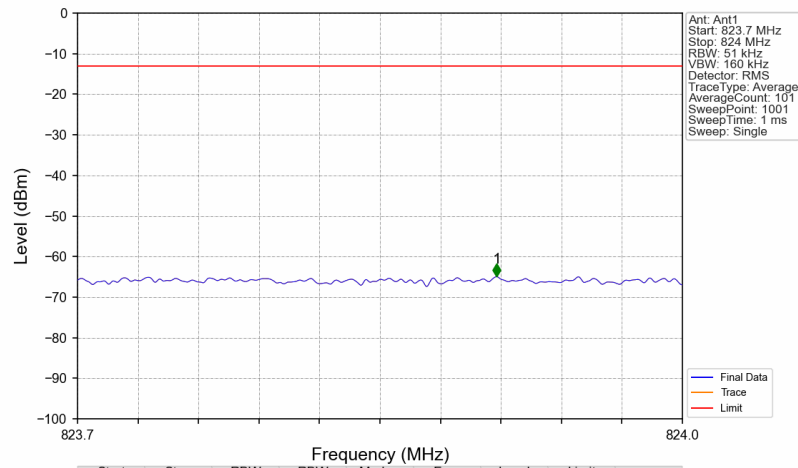
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### Band26b\_871.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
823.7	824	0.051	0	1	823.988	-64.92	-13	Pass

### Band26b\_871.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
823.7	824	0.051	0	1	823.908	-64.98	-13	Pass



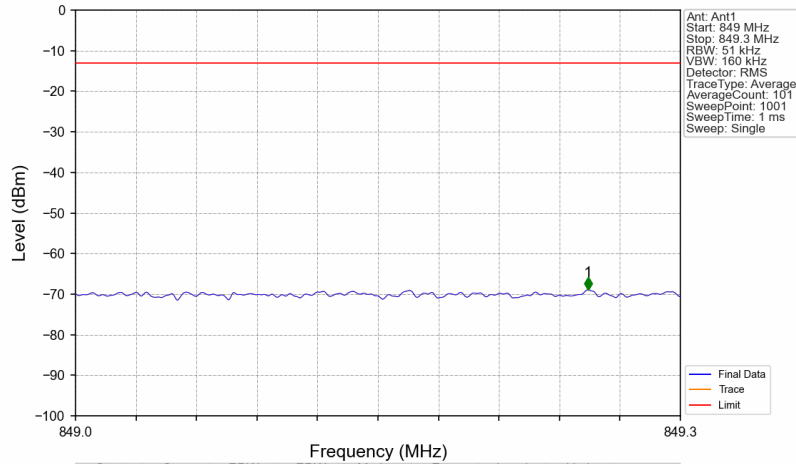
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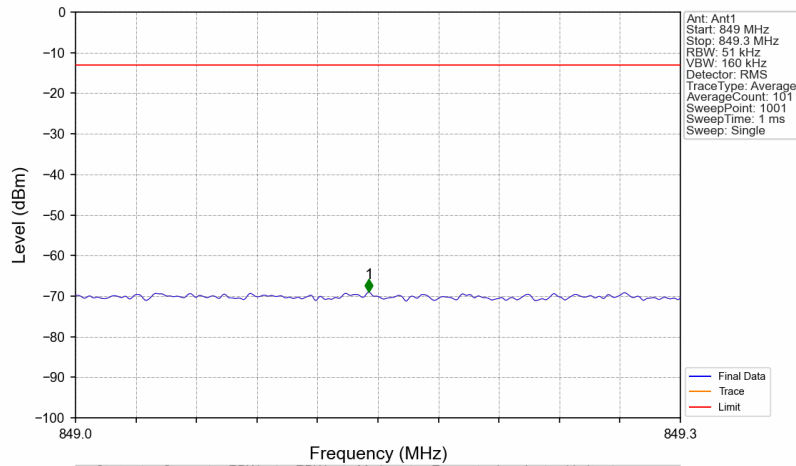
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### Band26b\_891.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



### Band26b\_891.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



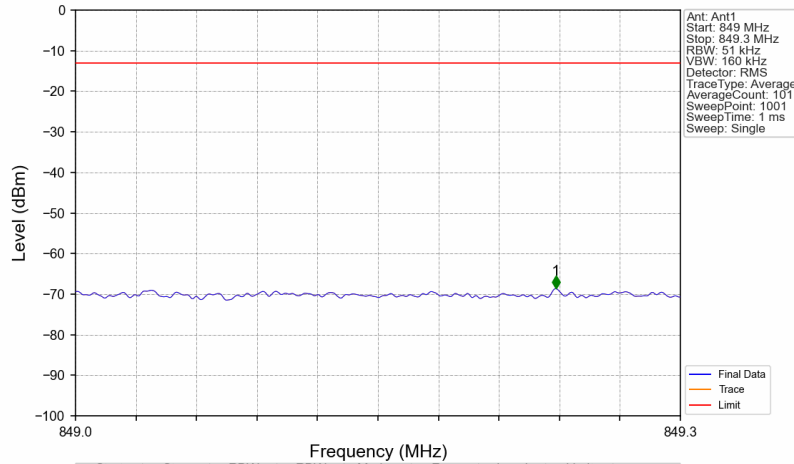
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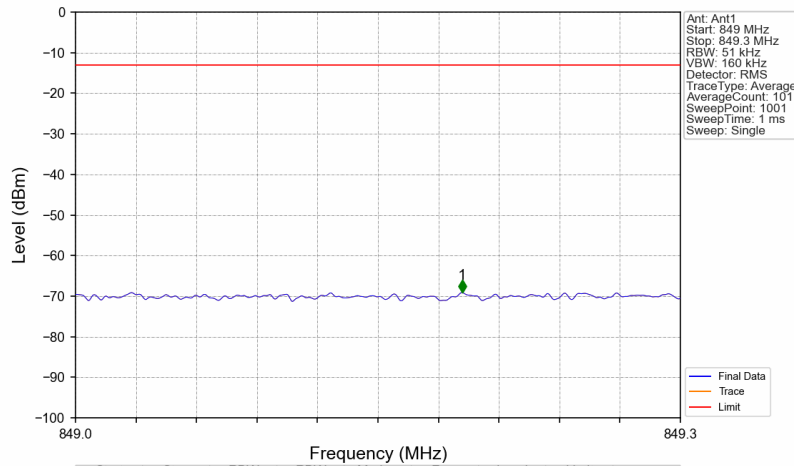
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### Band26b\_891.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
849	849.3	0.051	0	1	849.238	-68.66	-13	Pass

### Band26b\_891.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
849	849.3	0.051	0	1	849.192	-69.14	-13	Pass



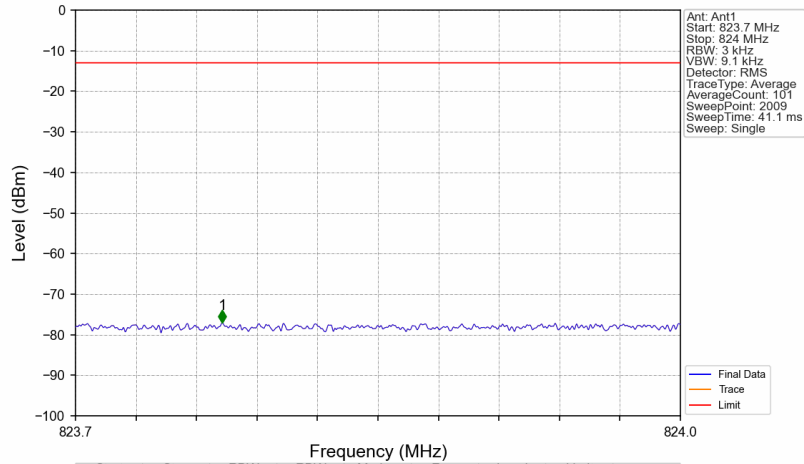
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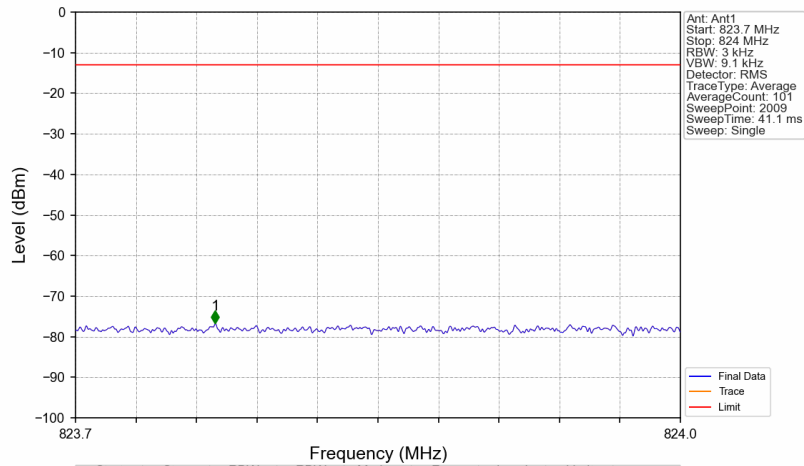
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### Band26b\_869.1MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
823.7	824	0.003	0	1	823.773	-77.03	-13	Pass

### Band26b\_869.1MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
823.7	824	0.003	0	1	823.769	-76.79	-13	Pass



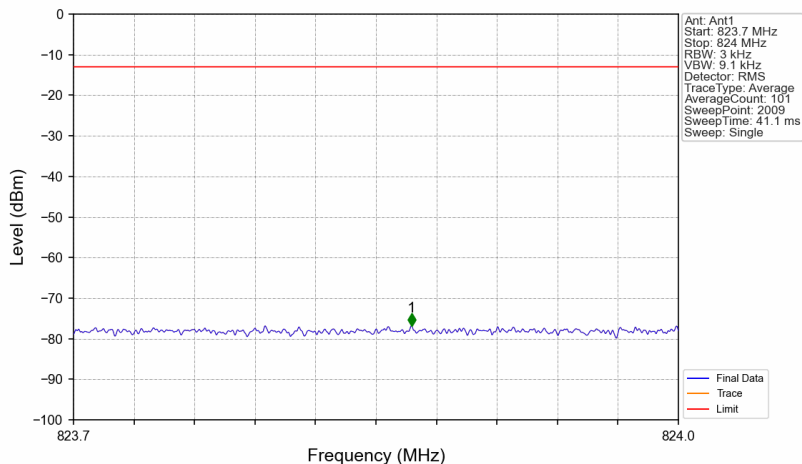
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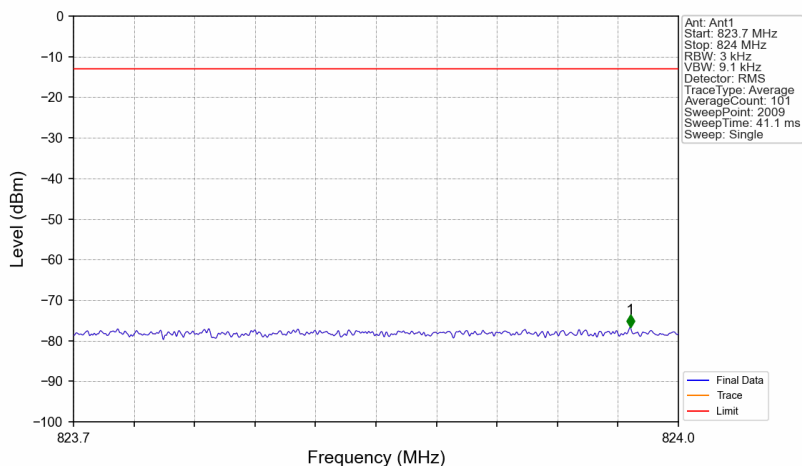
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### Band26b\_869.1MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
823.7	824	0.003	0	1	823.868	-76.83	-13	Pass

### Band26b\_869.1MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
823.7	824	0.003	0	1	823.976	-76.75	-13	Pass



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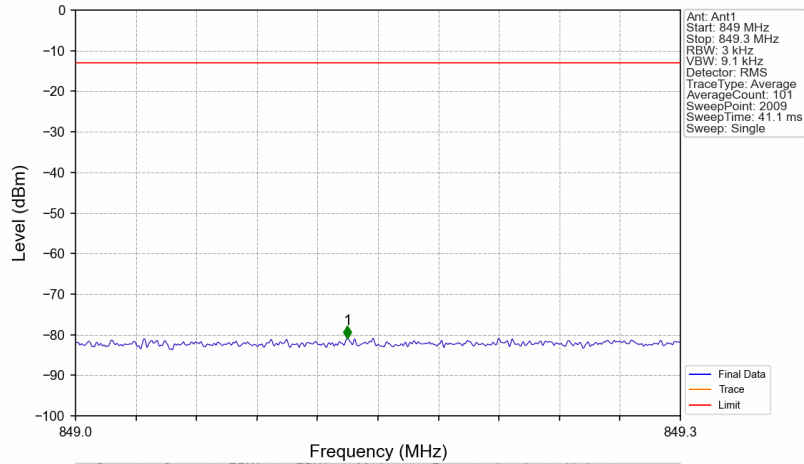
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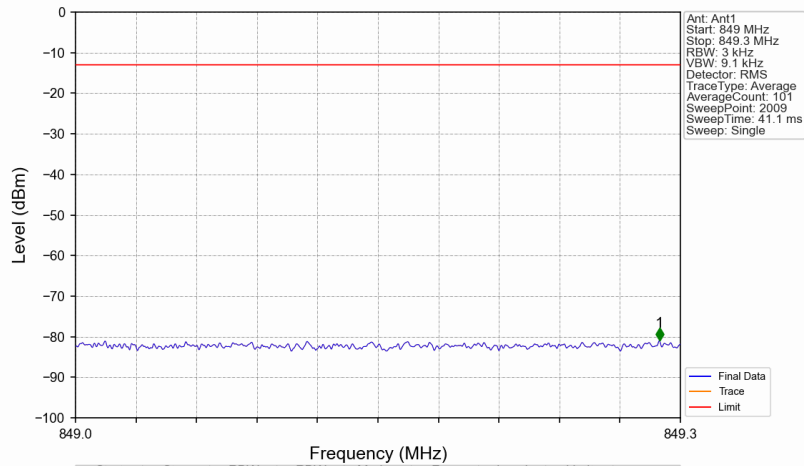


### Band26b\_893.9MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
849	849.3	0.003	0	1	849.135	-80.87	-13	Pass

### Band26b\_893.9MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
849	849.3	0.003	0	1	849.290	-81.00	-13	Pass



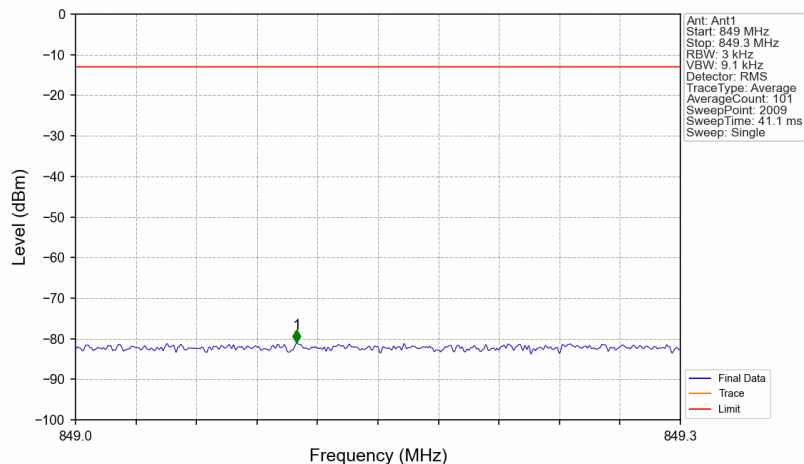
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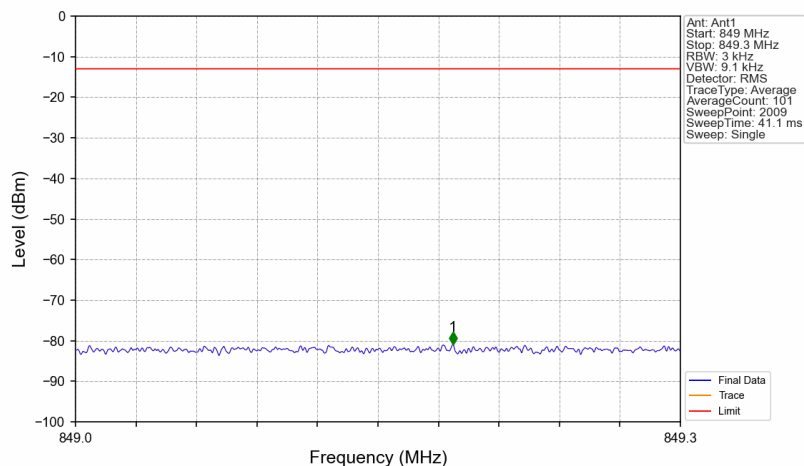
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### Band26b\_893.9MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
849	849.3	0.003	0	1	849.110	-80.99	-13	Pass

### Band26b\_893.9MHz\_GMSK\_SISO\_Ant1\_NTNV\_AGC+3



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
849	849.3	0.003	0	1	849.187	-80.93	-13	Pass

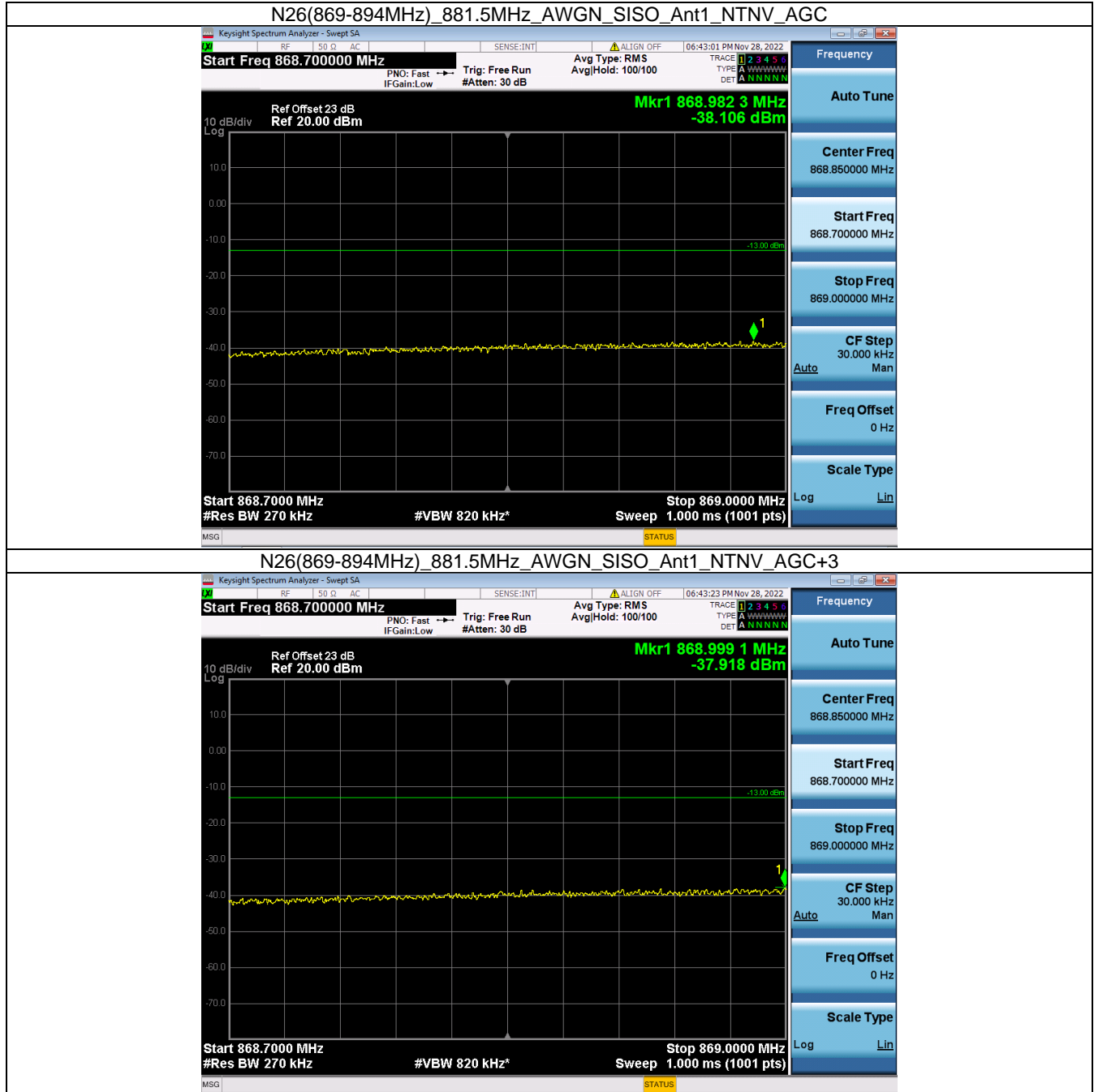


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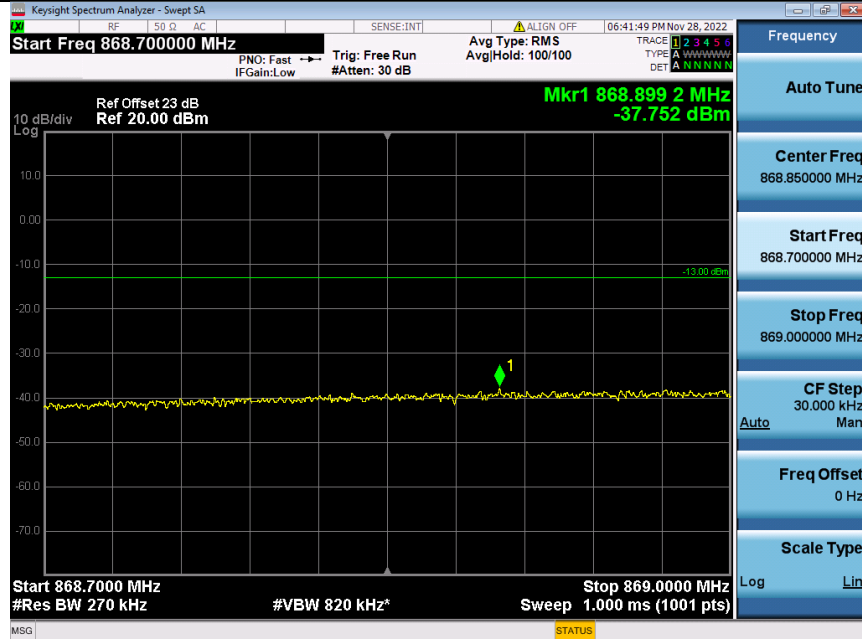
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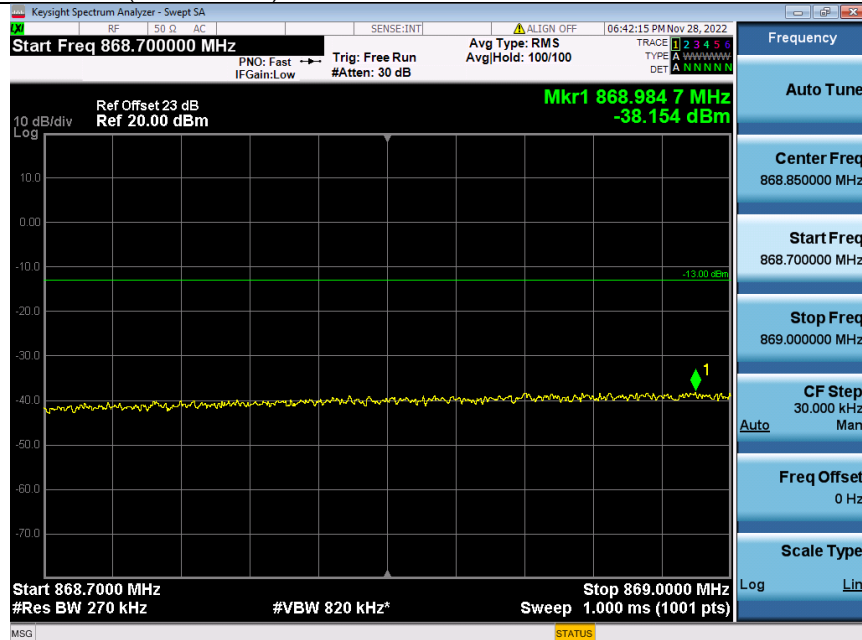
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## N26(869-894MHz)\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



## N26(869-894MHz)\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



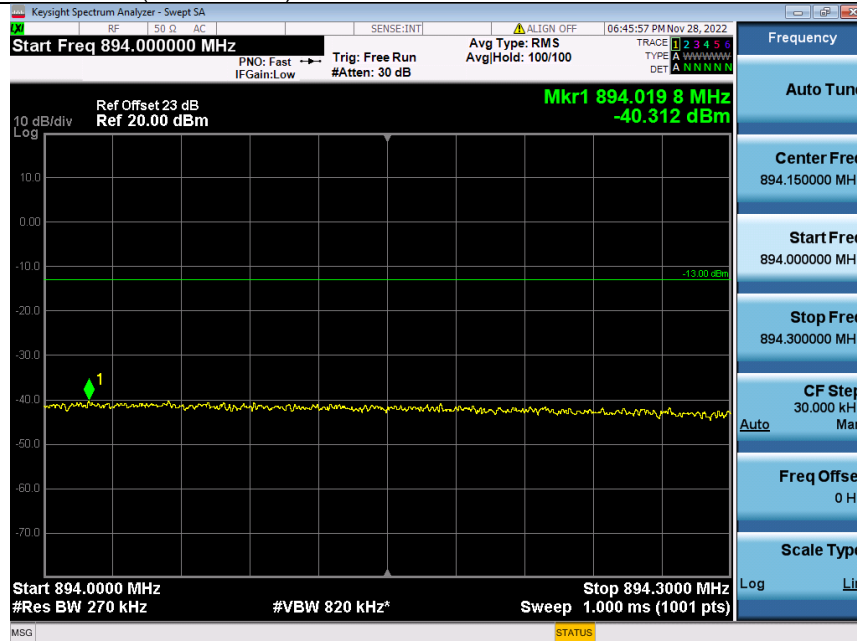
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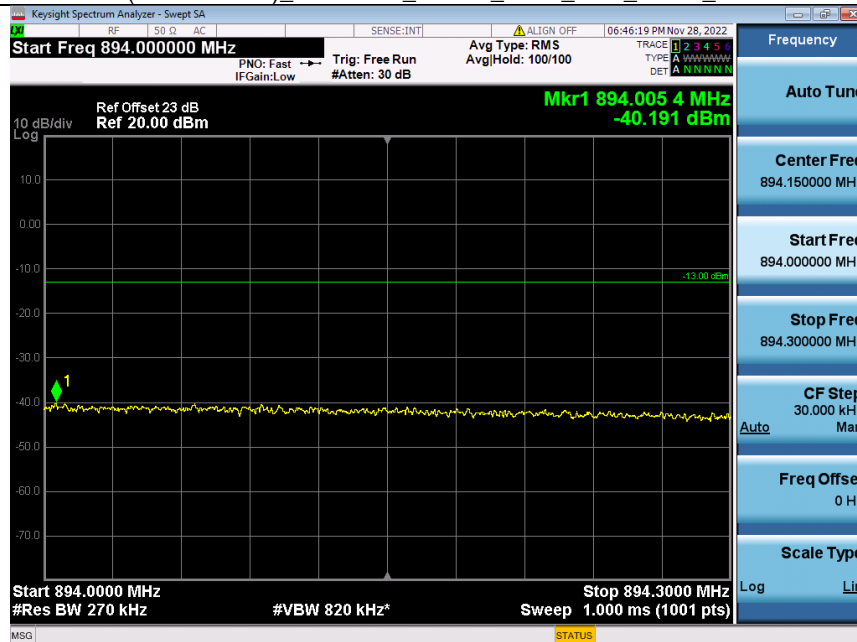
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## N26(869-894MHz)\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



## N26(869-894MHz)\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



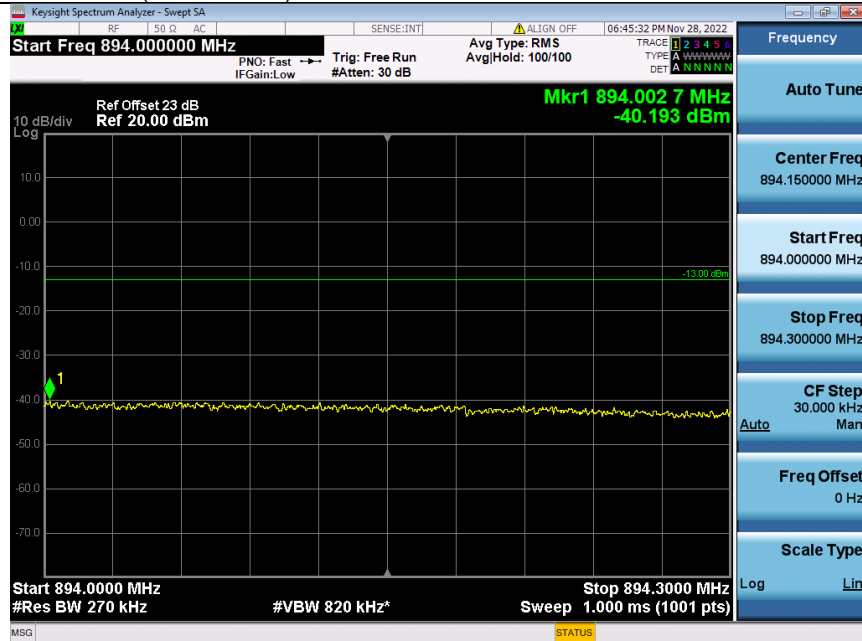
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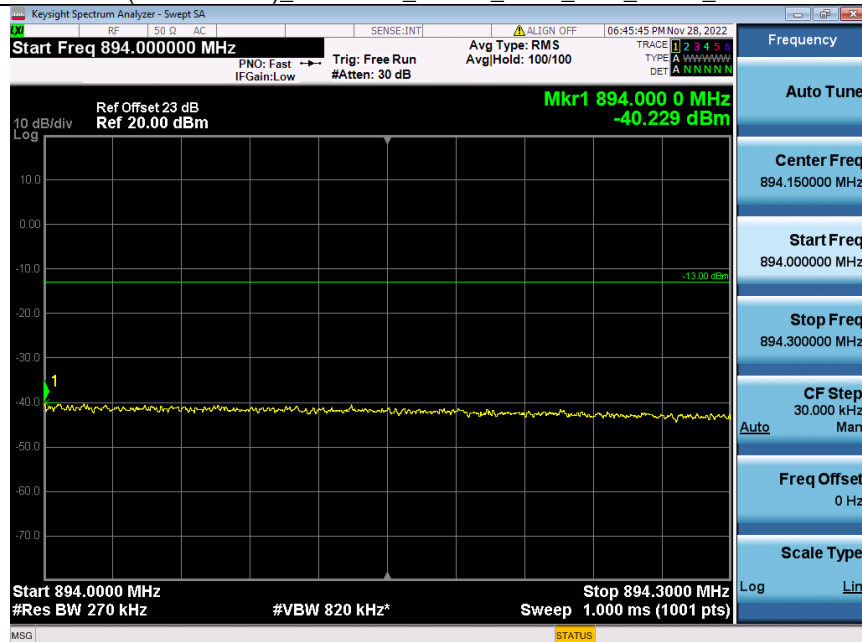
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## N26(869-894MHz)\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC



## N26(869-894MHz)\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV\_AGC+3



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## 6. Spurious emissions

### 6.1 Band26b

#### 6.1.1 Test Result

For LTE Band 26b

Band: 26b / NTNV								
Signal			Channel	TX Type	ANT	SE (dBm)		Verdict
Type	Level (dBm)	Frequency (MHz)				Result	Limit	
AWGN	0.2	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
GMSK	0.2	869.1	LCH	SISO	1	Refer To Test Graph		Pass
		881.5	MCH	SISO	1	Refer To Test Graph		Pass
		893.9	HCH	SISO	1	Refer To Test Graph		Pass

For 5G NR N26(869-894MHz)

N26(869-894MHz) / NTNV								
Signal			Channel	TX Type	ANT	SE (dBm)		Verdict
Type	Level (dBm)	Frequency (MHz)				Result	Limit	
AWGN	0.2	881.5	MCH	SISO	1	Refer To Test Graph		Pass

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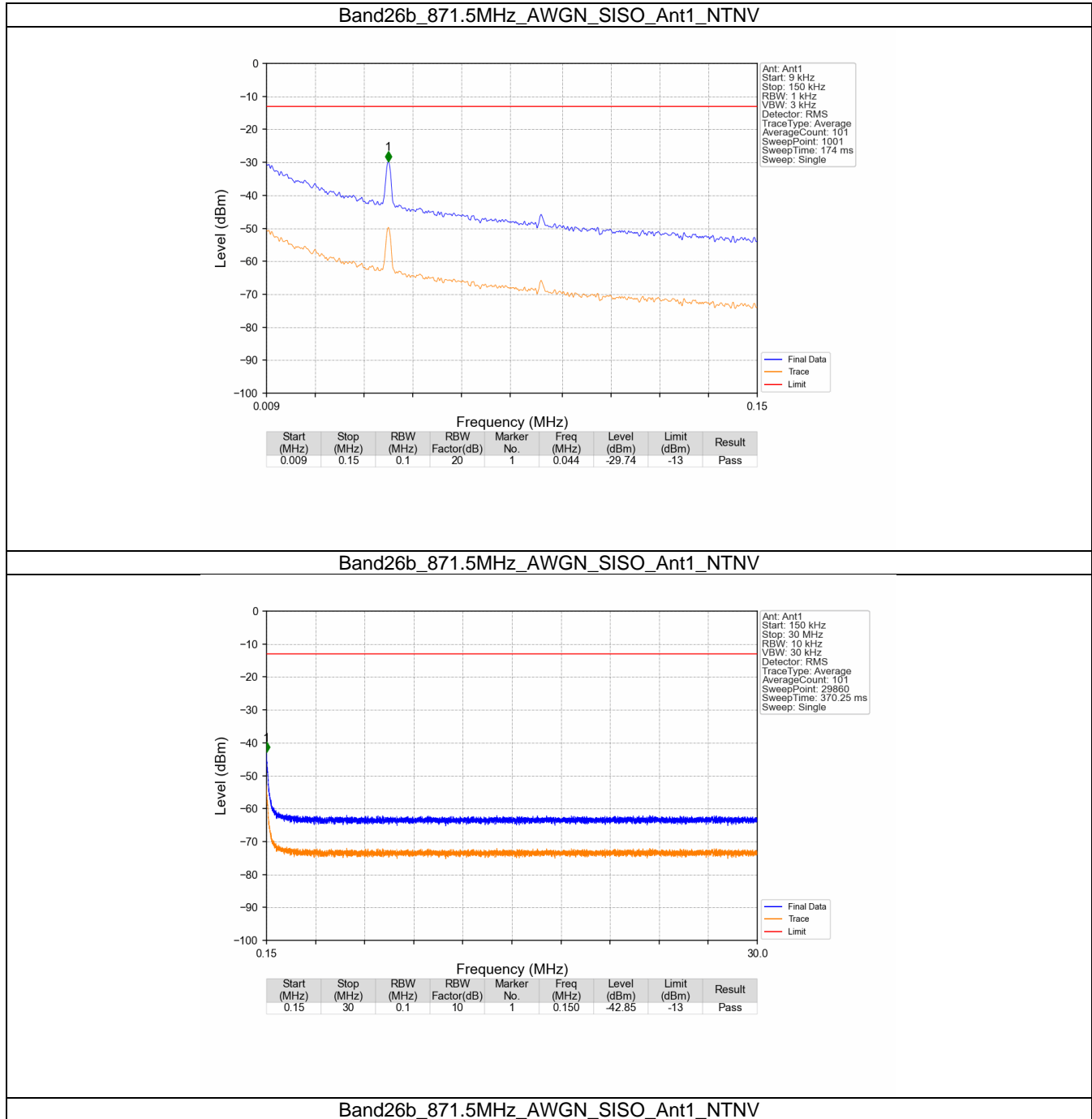
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6.1.2 Test Graph

For LTE Band 26b



**Band26b\_871.5MHz\_AWGN\_SISO\_Ant1\_NTNV**

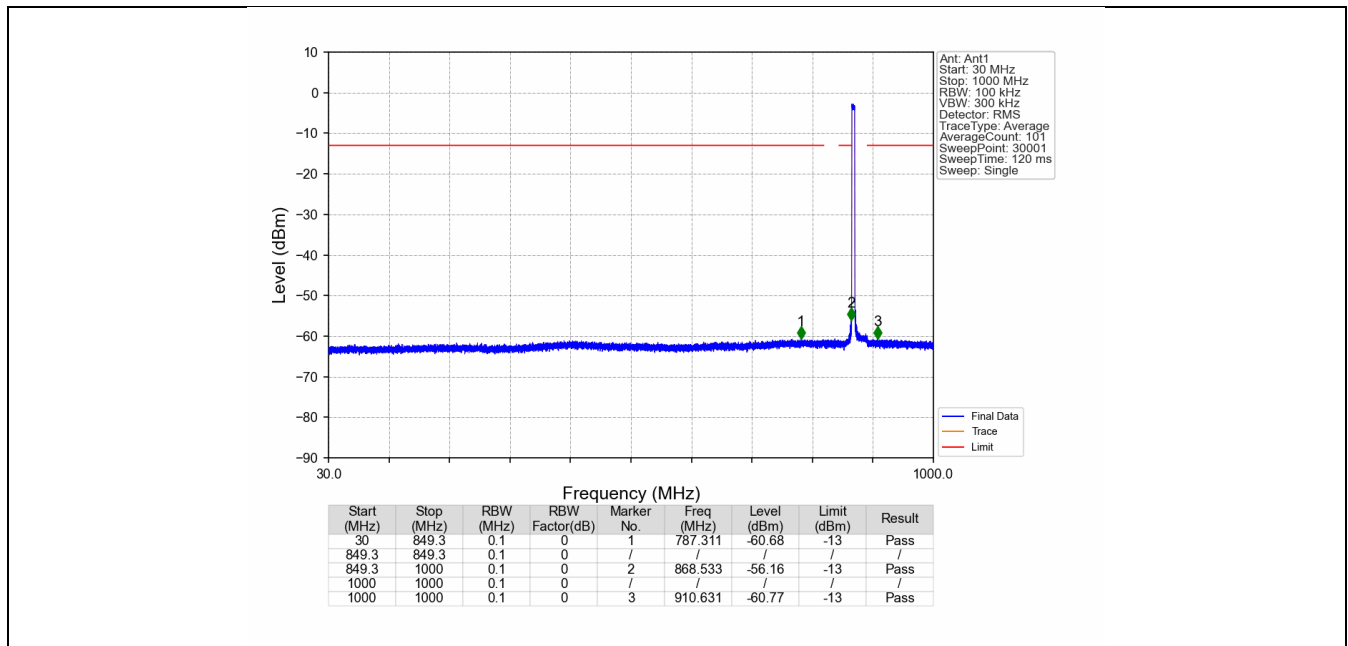
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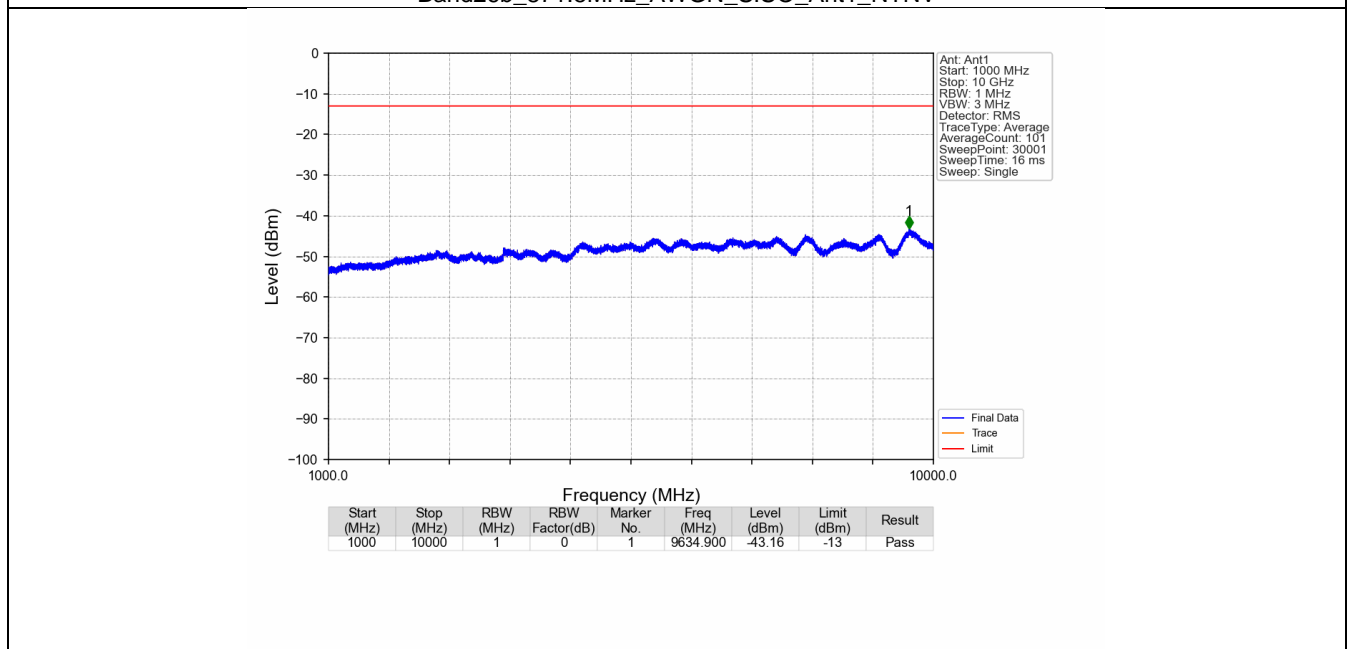
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Band26b\_871.5MHz\_AWGN\_SISO\_Ant1\_NTNV



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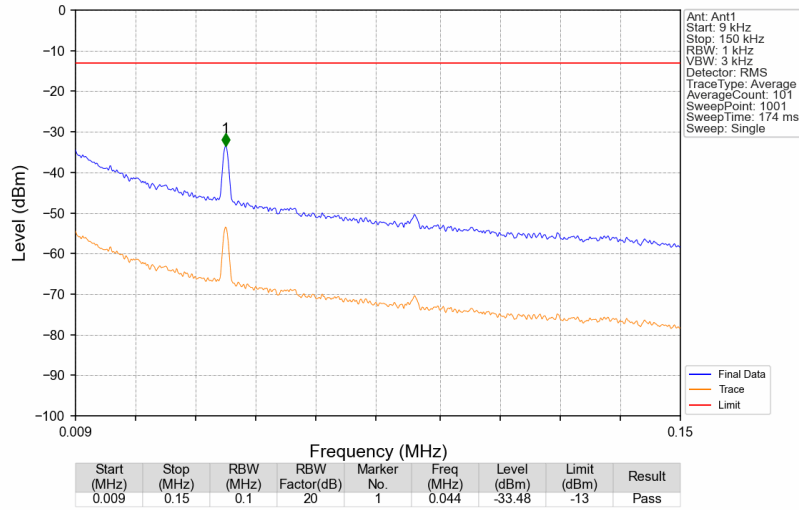
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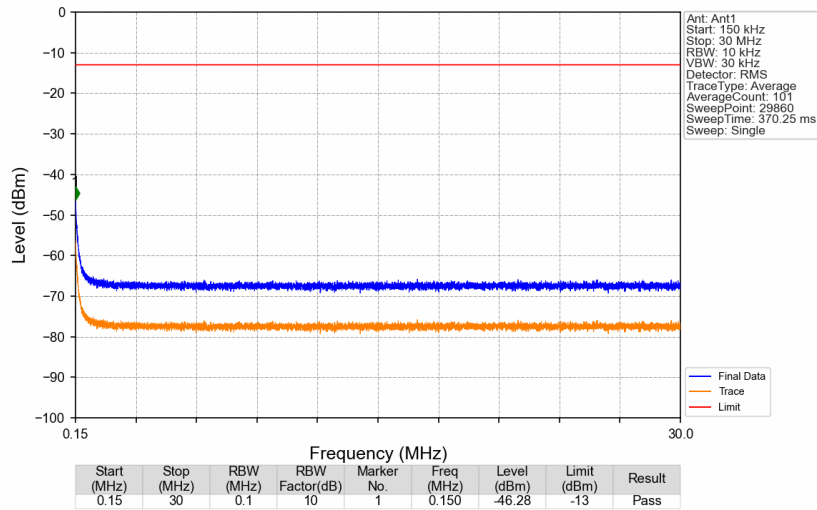
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Band26b\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Band26b\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV



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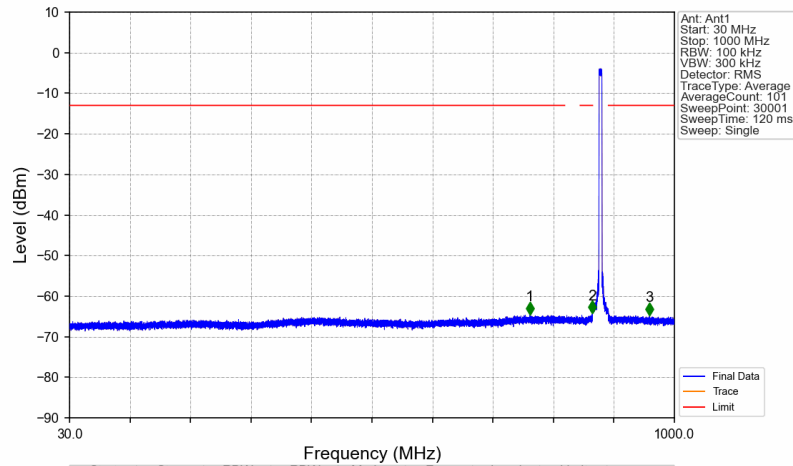
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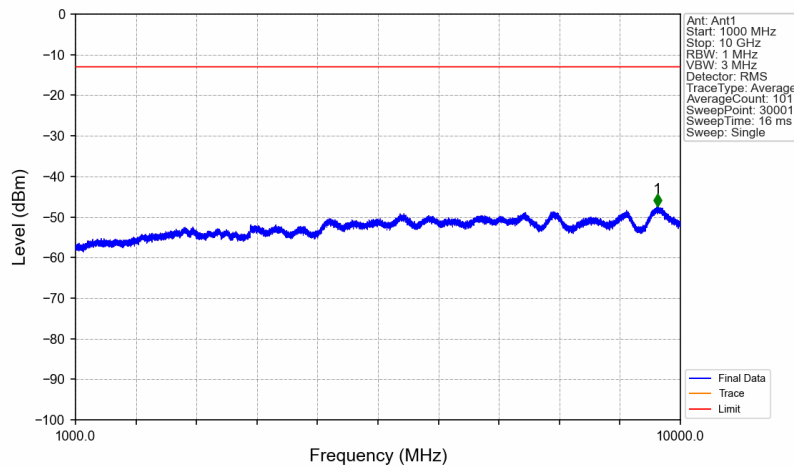
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### Band26b\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	849.3	0.1	0	1	768.299	-64.54	-13	Pass
849.3	849.3	0.1	0	/	/	/	/	/
849.3	1000	0.1	0	2	868.694	-64.29	-13	Pass
1000	1000	0.1	0	/	/	/	/	/
1000	1000	0.1	0	3	960.424	-64.71	-13	Pass

### Band26b\_881.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	10000	1	0	1	9656.200	-47.44	-13	Pass



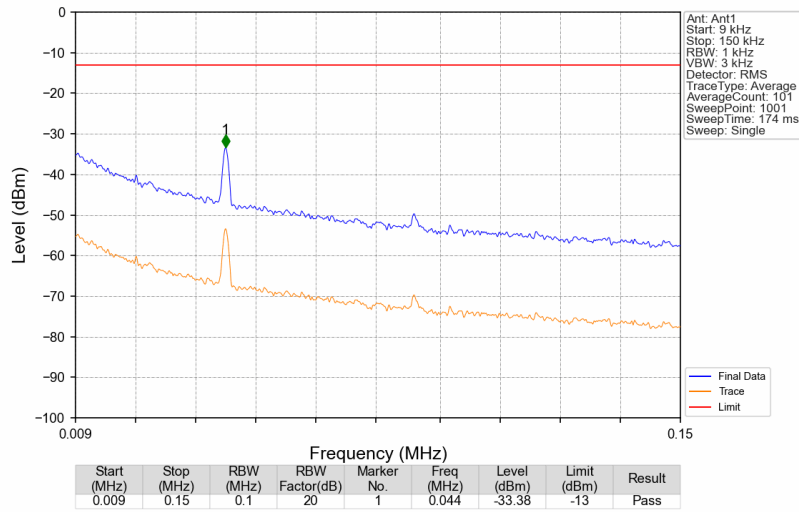
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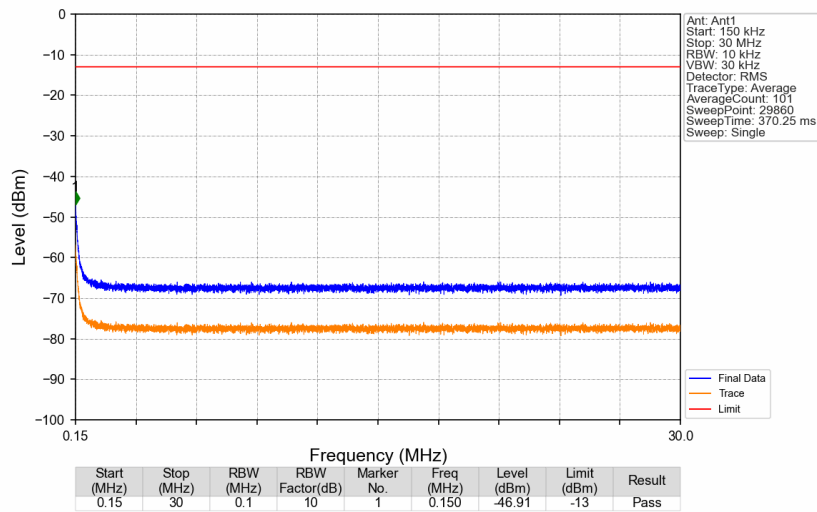
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Band26b\_891.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Band26b\_891.5MHz\_AWGN\_SISO\_Ant1\_NTNV



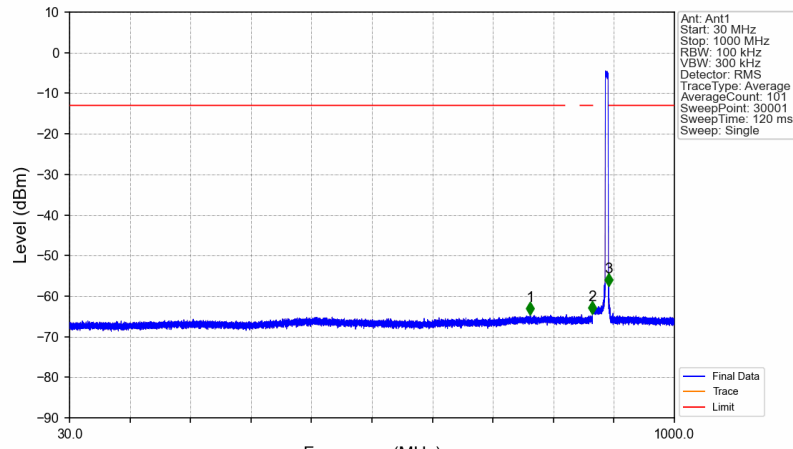
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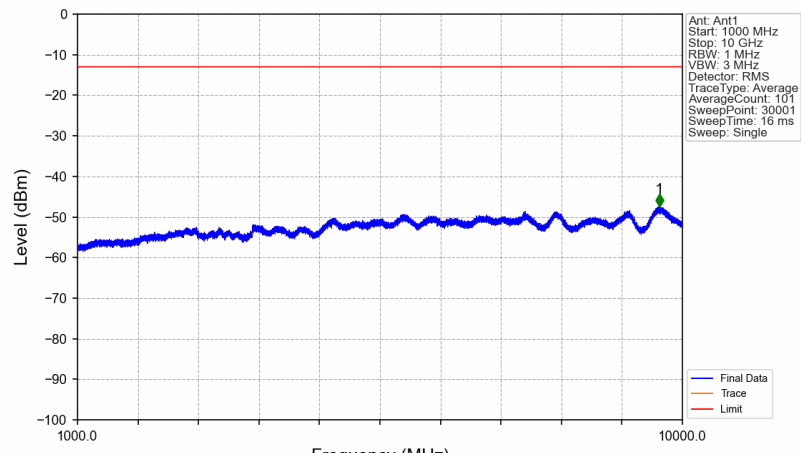
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Band26b\_891.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	849.3	0.1	0	1	768.720	-64.56	-13	Pass
849.3	849.3	0.1	0	/	/	/	/	/
849.3	1000	0.1	0	2	868.694	-64.41	-13	Pass
1000	1000	0.1	0	/	/	/	/	/
1000	1000	0.1	0	3	894.302	-57.52	-13	Pass

Band26b\_891.5MHz\_AWGN\_SISO\_Ant1\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	10000	1	0	1	9656.500	-47.45	-13	Pass



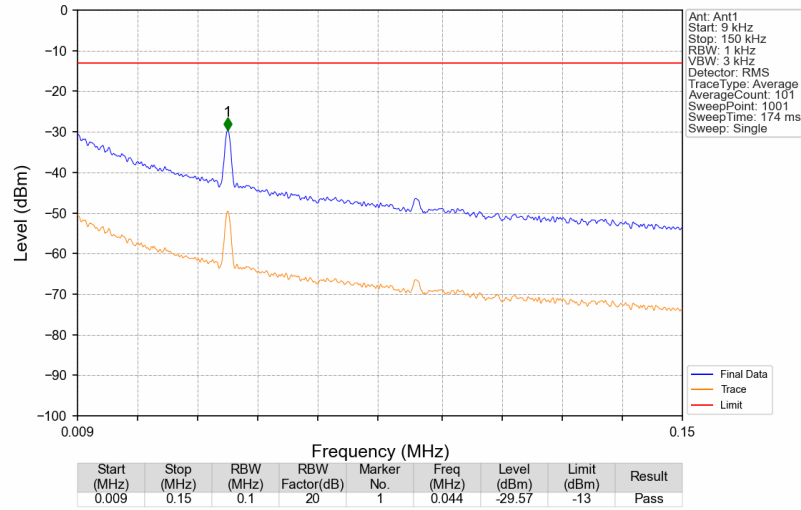
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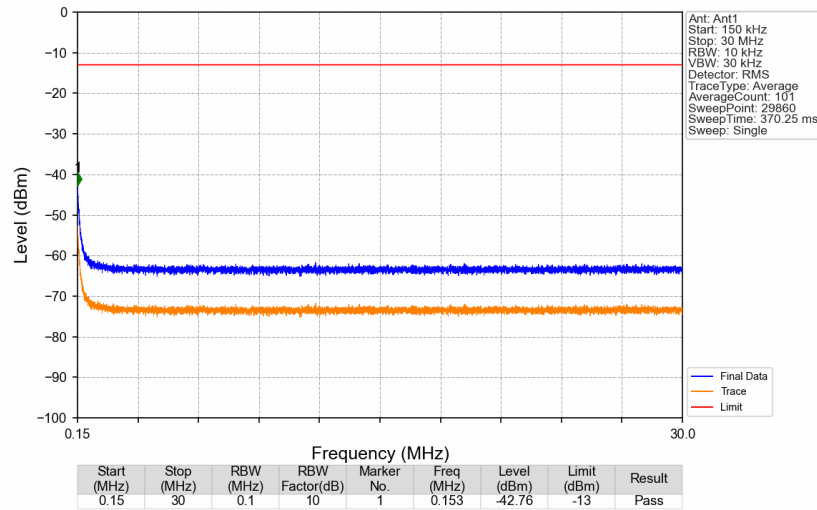
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Band26b\_869.1MHz\_GMSK\_SISO\_Ant1\_NTNV



Band26b\_869.1MHz\_GMSK\_SISO\_Ant1\_NTNV



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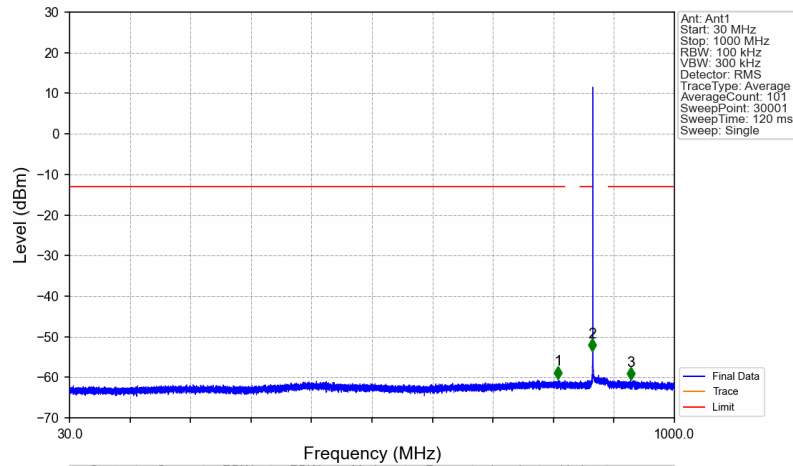
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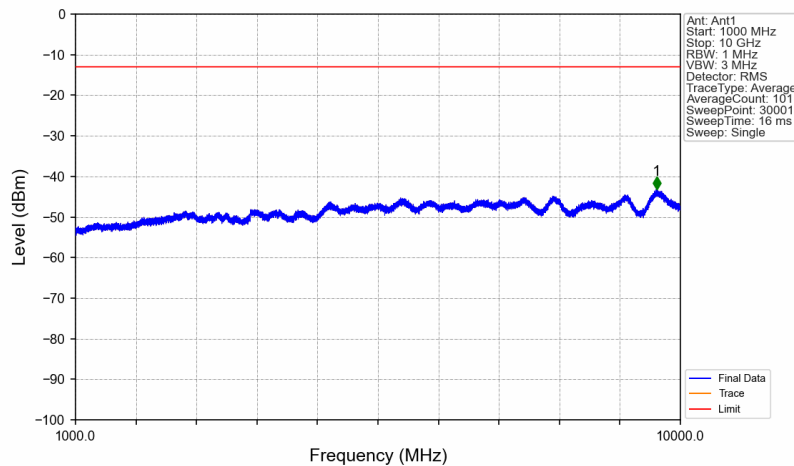
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EMC Laboratory

### Band26b\_869.1MHz\_GMSK\_SISO\_Ant1\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	849.3	0.1	0	1	813.631	-60.40	-13	Pass
849.3	849.3	0.1	0	/	/	/	/	/
849.3	1000	0.1	0	2	868.694	-53.60	-13	Pass
1000	1000	0.1	0	/	/	/	/	/
1000	1000	0.1	0	3	929.578	-60.70	-13	Pass

### Band26b\_869.1MHz\_GMSK\_SISO\_Ant1\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	10000	1	0	1	9647.500	-43.14	-13	Pass

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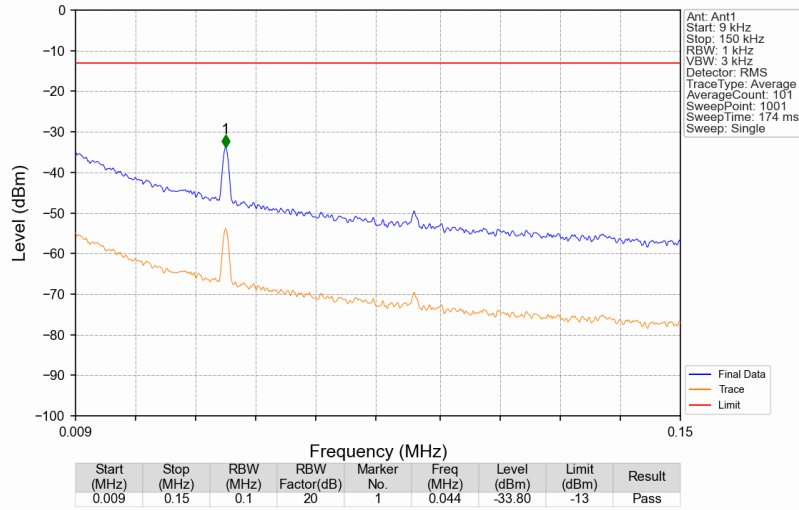
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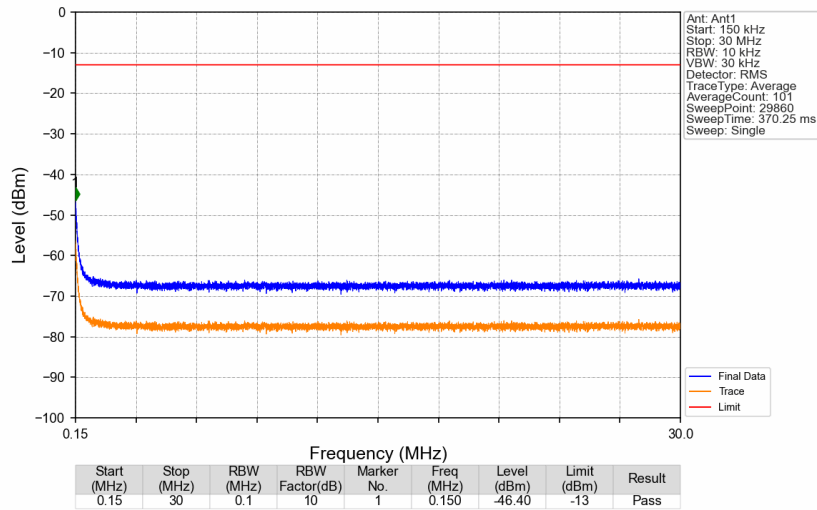


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 EMC Laboratory

Band26b\_881.5MHz\_GMSK\_SISO\_Ant1\_NTNV



Band26b\_881.5MHz\_GMSK\_SISO\_Ant1\_NTNV



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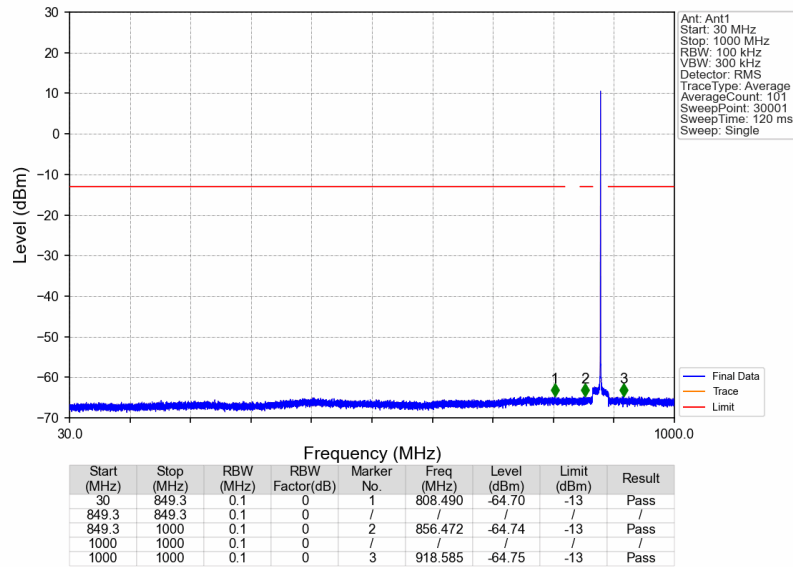
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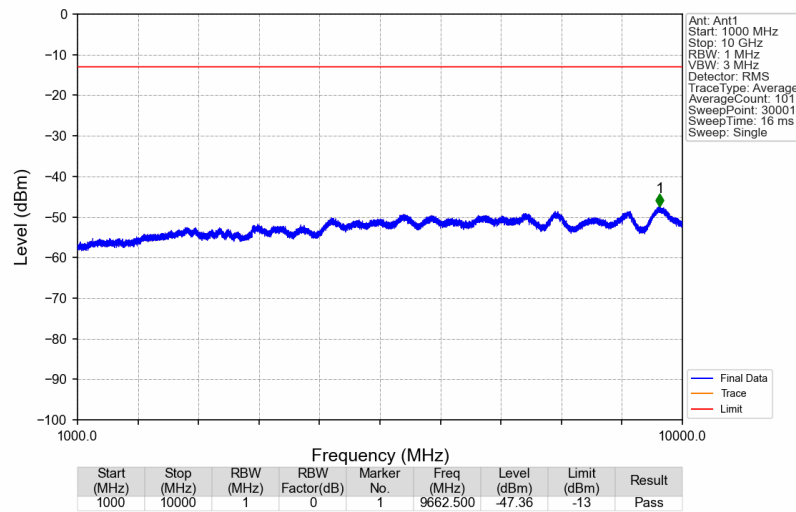
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### Band26b\_881.5MHz\_GMSK\_SISO\_Ant1\_NTNV



### Band26b\_881.5MHz\_GMSK\_SISO\_Ant1\_NTNV



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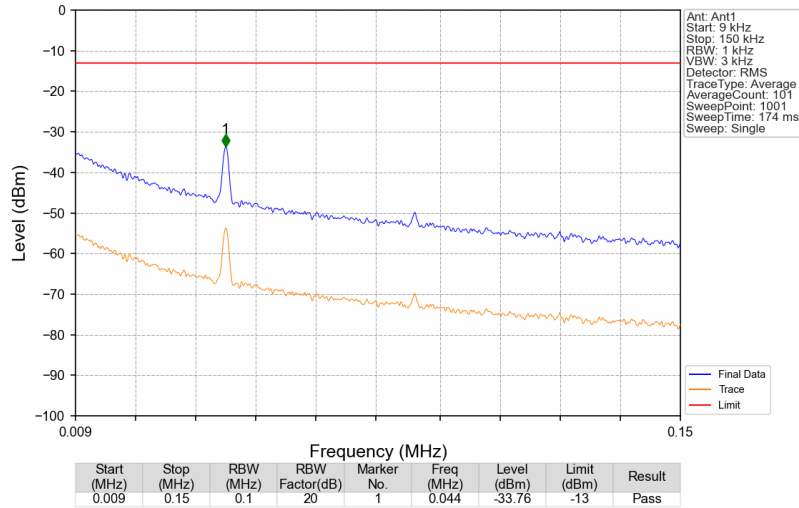
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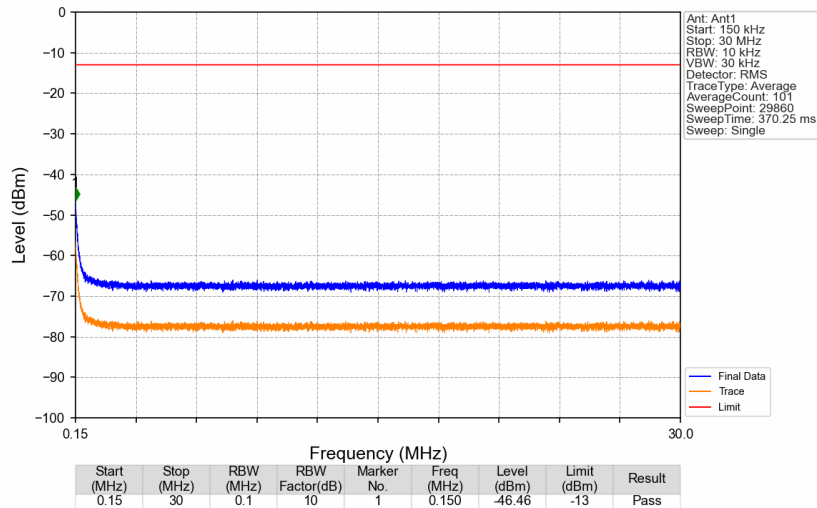


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Band26b\_893.9MHz\_GMSK\_SISO\_Ant1\_NTNV



Band26b\_893.9MHz\_GMSK\_SISO\_Ant1\_NTNV



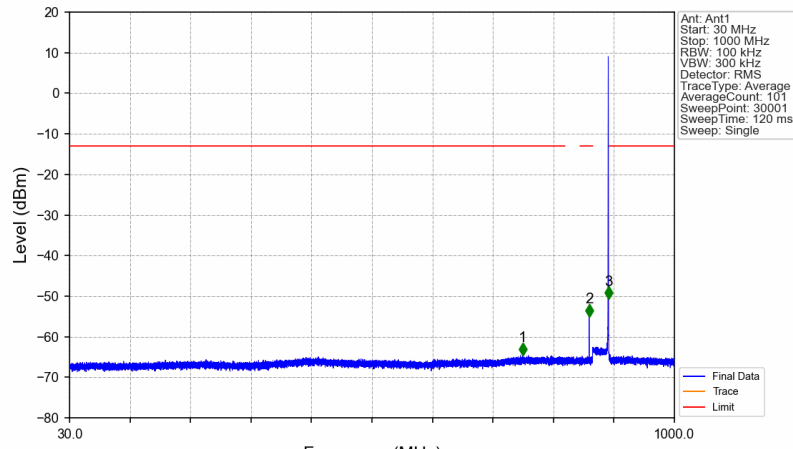
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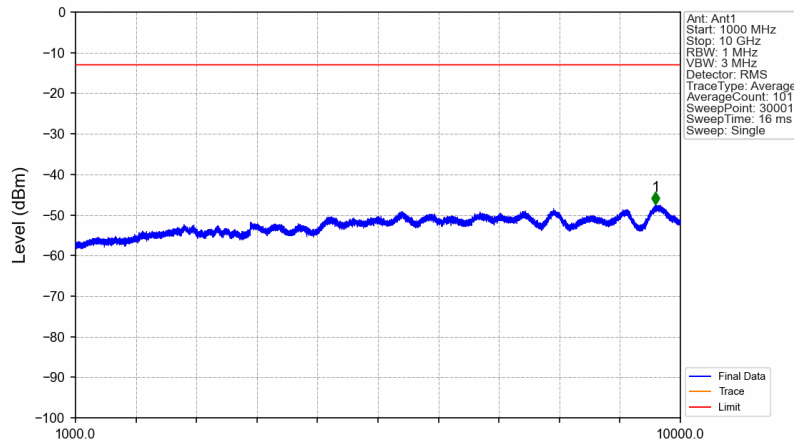
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### Band26b\_893.9MHz\_GMSK\_SISO\_Ant1\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	849.3	0.1	0	1	756.756	-64.58	-13	Pass
849.3	849.3	0.1	0	/	/	/	/	/
849.3	1000	0.1	0	2	863.230	-55.05	-13	Pass
1000	1000	0.1	0	/	/	/	/	/
1000	1000	0.1	0	3	894.302	-50.71	-13	Pass

### Band26b\_893.9MHz\_GMSK\_SISO\_Ant1\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	10000	1	0	1	9629.800	-47.47	-13	Pass



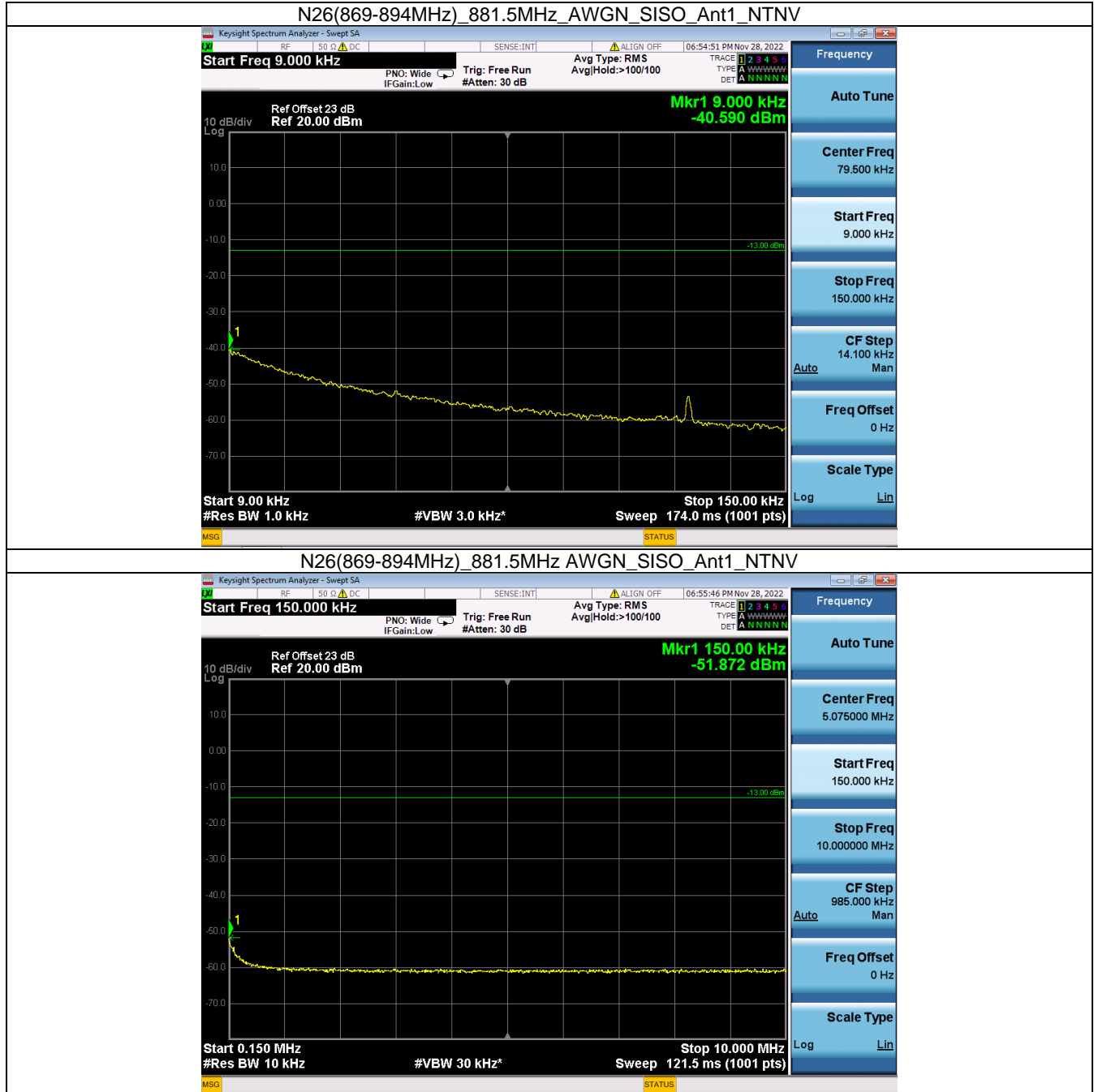
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For 5G NR N26(869-894MHz)



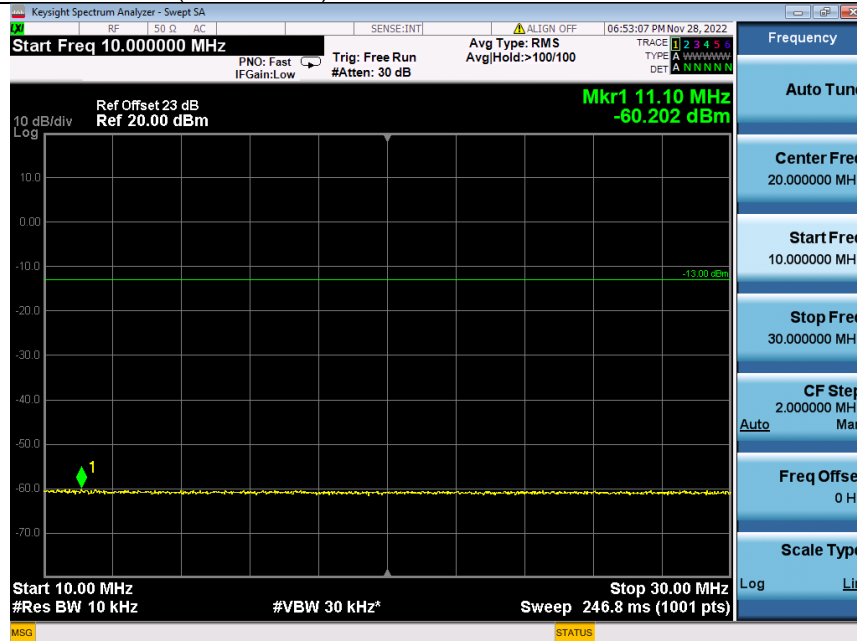
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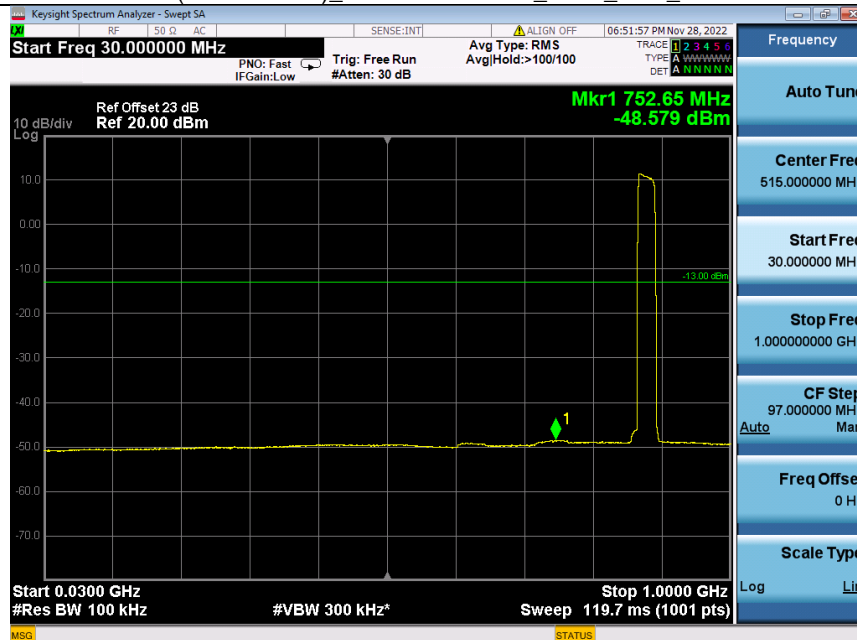
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## N26(869-894MHz)\_881.5MHz AWGN\_SISO\_Ant1\_NTNV



## N26(869-894MHz)\_881.5MHz AWGN\_SISO\_Ant1\_NTNV

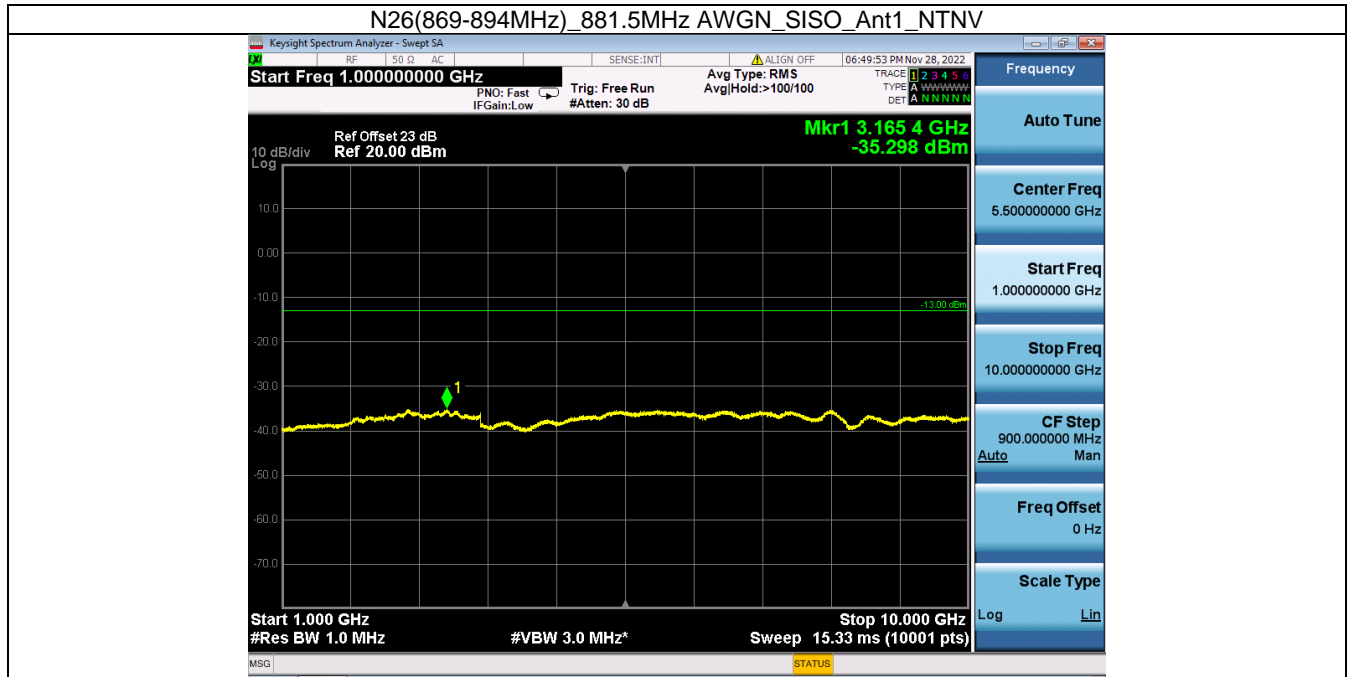


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## 7. Frequency stability measurements

### 7.1 Band26b\_Ant1

#### 7.1.1 Test Result

Band: 26b / NTV								
Signal			Temp (°C)	Voltage (VAC)	Freq. Error (Hz)	Tolerance (ppm)	Verdict	
Type	Level (dBm)	Frequency (MHz)						
CW	0.2	869.1	20	102	0	0.00	Pass	
				120	0	0.00	Pass	
				138	0	0.00	Pass	
			-40	120	0	0.00	Pass	
				-30	120	0	0.00	Pass
				-20	120	0	0.00	Pass
			-10	120	0	0.00	Pass	
				0	120	0	0.00	Pass
				10	120	0	0.00	Pass
			30	120	0	0.00	Pass	
				40	120	0	0.00	Pass
				55	120	0	0.00	Pass
		881.5	20	102	0	0.00	Pass	
				120	0	0.00	Pass	
				138	0	0.00	Pass	
			-40	120	0	0.00	Pass	
				-30	120	0	0.00	Pass
				-20	120	0	0.00	Pass
			-10	120	0	0.00	Pass	
				0	120	0	0.00	Pass
				10	120	0	0.00	Pass
			30	120	0	0.00	Pass	
				40	120	0	0.00	Pass
				55	120	0	0.00	Pass
		893.9	20	102	0	0.00	Pass	
				120	0	0.00	Pass	
				138	0	0.00	Pass	
			-40	120	0	0.00	Pass	
				-30	120	0	0.00	Pass
				-20	120	0	0.00	Pass
-10	120		0	0.00	Pass			
	0		120	0	0.00	Pass		
	10		120	0	0.00	Pass		
30	120		0	0.00	Pass			
	40		120	0	0.00	Pass		
	55		120	0	0.00	Pass		



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## 8. Radiated Spurious Emissions

### 8.1 Band26b\_Ant1

#### 8.1.1 Test Result

For LTE Band 26b

AWGN_Low channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over limit	Result
	MHz	polarization			
391.6	Horizontal	-69.01	-13	-56.01	pass
567.0	Horizontal	-63.60	-13	-50.60	pass
927.1	Horizontal	-57.90	-13	-44.90	pass
1366.9	Horizontal	-56.07	-13	-43.07	pass
2741.3	Horizontal	-53.10	-13	-40.10	pass
6015.0	Horizontal	-50.23	-13	-37.23	pass
380.2	Vertical	-70.13	-13	-57.13	pass
563.2	Vertical	-66.87	-13	-53.87	pass
937.1	Vertical	-57.22	-13	-44.22	pass
1349.8	Vertical	-60.27	-13	-47.27	pass
2751.0	Vertical	-53.09	-13	-40.09	pass
6007.6	Vertical	-49.18	-13	-36.18	pass

AWGN_Middle channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over limit	Result
	MHz	polarization			
410.8	Horizontal	-68.47	-13	-55.47	pass
580.7	Horizontal	-63.16	-13	-50.16	pass
970.3	Horizontal	-56.65	-13	-43.65	pass
1368.3	Horizontal	-56.49	-13	-43.49	pass
2766.8	Horizontal	-51.45	-13	-38.45	pass
6011.6	Horizontal	-48.73	-13	-35.73	pass
390.5	Vertical	-71.12	-13	-58.12	pass
597.1	Vertical	-62.60	-13	-49.60	pass
928.8	Vertical	-60.99	-13	-47.99	pass
1345.3	Vertical	-57.74	-13	-44.74	pass
2728.5	Vertical	-56.83	-13	-43.83	pass
6015.3	Vertical	-47.01	-13	-34.01	pass

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AWGN_High channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over limit	Result
	MHz	polarization			
399.1	Horizontal	-71.94	-13	-58.94	pass
577.5	Horizontal	-66.87	-13	-53.87	pass
968.5	Horizontal	-57.96	-13	-44.96	pass
1340.9	Horizontal	-58.67	-13	-45.67	pass
2759.9	Horizontal	-52.18	-13	-39.18	pass
6023.0	Horizontal	-46.64	-13	-33.64	pass
402.2	Vertical	-68.29	-13	-55.29	pass
593.7	Vertical	-61.30	-13	-48.30	pass
972.0	Vertical	-57.25	-13	-44.25	pass
1336.2	Vertical	-57.22	-13	-44.22	pass
2767.3	Vertical	-51.56	-13	-38.56	pass
6023.0	Vertical	-50.02	-13	-37.02	pass

GMSK_Low channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over limit	Result
	MHz	polarization			
374.9	Horizontal	-69.50	-13	-56.50	pass
571.1	Horizontal	-61.53	-13	-48.53	pass
971.3	Horizontal	-61.39	-13	-48.39	pass
1345.2	Horizontal	-59.20	-13	-46.20	pass
2750.5	Horizontal	-56.73	-13	-43.73	pass
5986.0	Horizontal	-47.20	-13	-34.20	pass
400.4	Vertical	-68.50	-13	-55.50	pass
601.6	Vertical	-62.69	-13	-49.69	pass
946.9	Vertical	-60.86	-13	-47.86	pass
1350.4	Vertical	-56.81	-13	-43.81	pass
2731.2	Vertical	-54.02	-13	-41.02	pass
5977.3	Vertical	-49.98	-13	-36.98	pass



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GMSK_Middle channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over limit	Result
	MHz	polarization			
394.4	Horizontal	-66.93	-13	-53.93	pass
591.3	Horizontal	-66.45	-13	-53.45	pass
946.6	Horizontal	-58.21	-13	-45.21	pass
1353.9	Horizontal	-57.56	-13	-44.56	pass
2760.2	Horizontal	-52.88	-13	-39.88	pass
6011.6	Horizontal	-49.48	-13	-36.48	pass
367.2	Vertical	-67.70	-13	-54.70	pass
589.8	Vertical	-64.42	-13	-51.42	pass
933.9	Vertical	-58.83	-13	-45.83	pass
1366.6	Vertical	-61.04	-13	-48.04	pass
2773.6	Vertical	-52.08	-13	-39.08	pass
6011.0	Vertical	-46.82	-13	-33.82	pass

GMSK_High channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over limit	Result
	MHz	polarization			
382.6	Horizontal	-67.40	-13	-54.40	pass
599.6	Horizontal	-62.89	-13	-49.89	pass
942.0	Horizontal	-56.50	-13	-43.50	pass
1331.8	Horizontal	-56.37	-13	-43.37	pass
2740.5	Horizontal	-52.17	-13	-39.17	pass
5986.4	Horizontal	-51.03	-13	-38.03	pass
363.1	Vertical	-67.71	-13	-54.71	pass
610.3	Vertical	-61.14	-13	-48.14	pass
955.6	Vertical	-59.52	-13	-46.52	pass
1346.6	Vertical	-61.27	-13	-48.27	pass
2738.2	Vertical	-56.68	-13	-43.68	pass
5986.6	Vertical	-49.60	-13	-36.60	pass



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For 5G NR N26(869-894MHz)

AWGN Middle channel					
Frequency	Spurious Emission Polarization and Level		Limit	Over limit	Result
	MHz	polarization	dBm	dB	
368.0	Horizontal	-71.19	-13	-58.19	pass
573.5	Horizontal	-62.04	-13	-49.04	pass
950.5	Horizontal	-61.83	-13	-48.83	pass
1359.8	Horizontal	-56.67	-13	-43.67	pass
2740.0	Horizontal	-53.35	-13	-40.35	pass
6009.7	Horizontal	-47.83	-13	-34.83	pass
376.4	Vertical	-71.62	-13	-58.62	pass
577.4	Vertical	-63.96	-13	-50.96	pass
933.9	Vertical	-60.46	-13	-47.46	pass
1357.0	Vertical	-59.90	-13	-46.90	pass
2766.0	Vertical	-52.49	-13	-39.49	pass
6023.5	Vertical	-46.27	-13	-33.27	pass



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