

## Appendix C for SHCR220300054401-FCC-4M

### 1. Duty Cycle

#### 1.1 Ant1

##### 1.1.1 Test Result

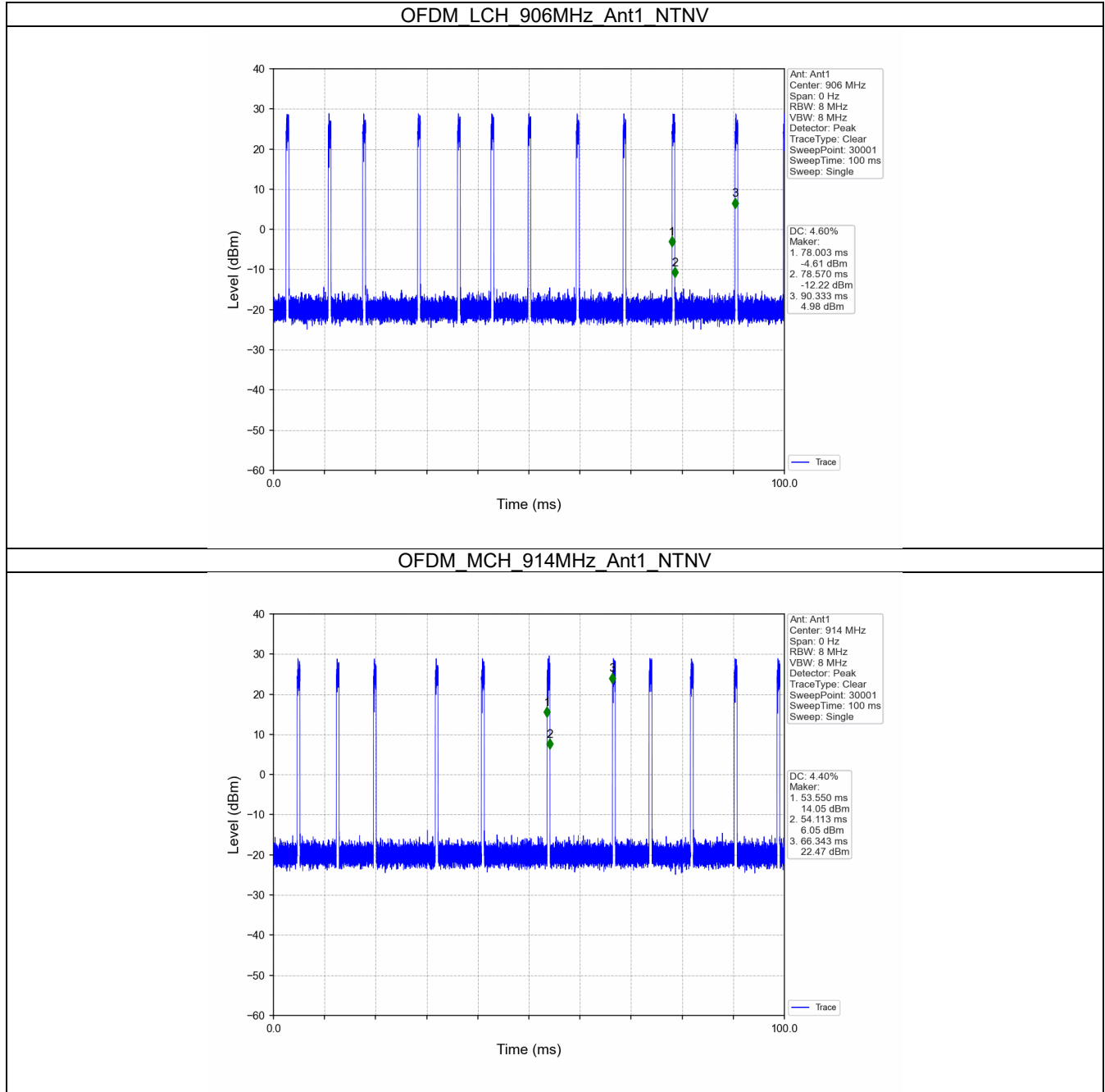
Ant1							
Mode	TX Type	Frequency (MHz)	T <sub>on</sub> (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
OFDM	SISO	906	0.567	12.330	4.60	13.37	4.04
		914	0.563	12.793	4.40	13.56	3.47
		926	0.566	13.760	4.11	13.86	4.40



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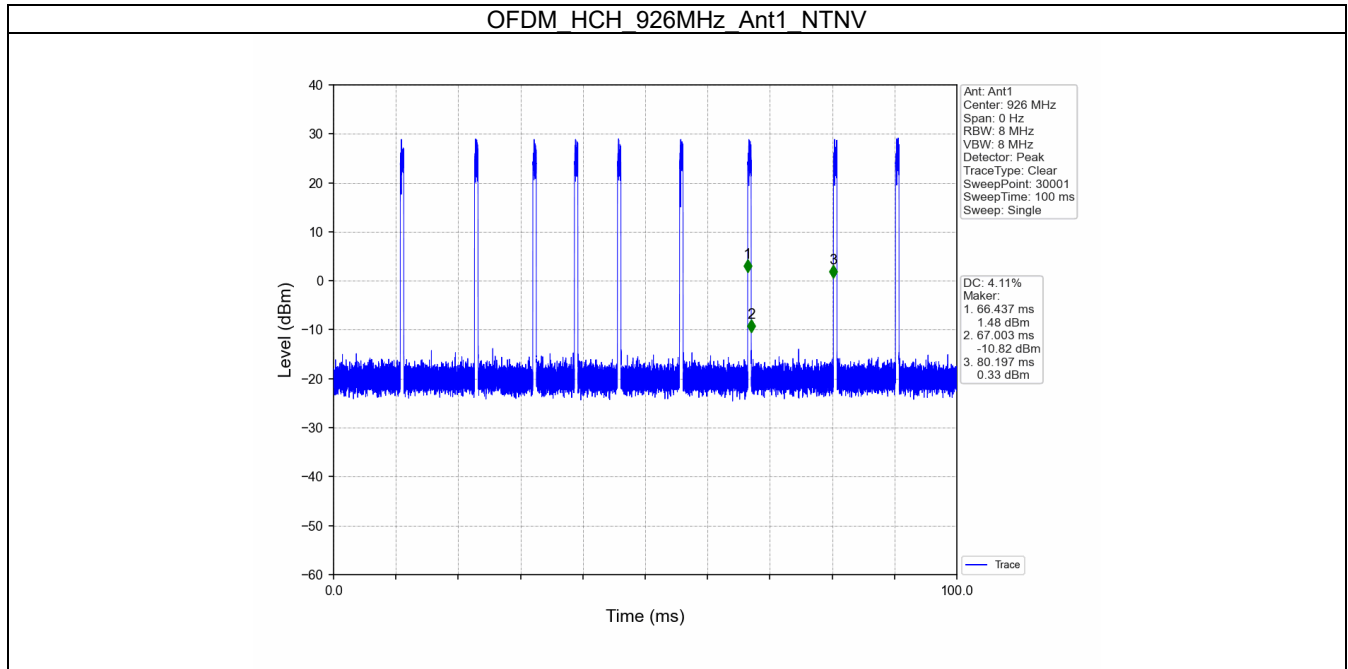
1.1.2 Test Graph



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## 2. Bandwidth

### 2.1 OBW

#### 2.1.1 Test Result

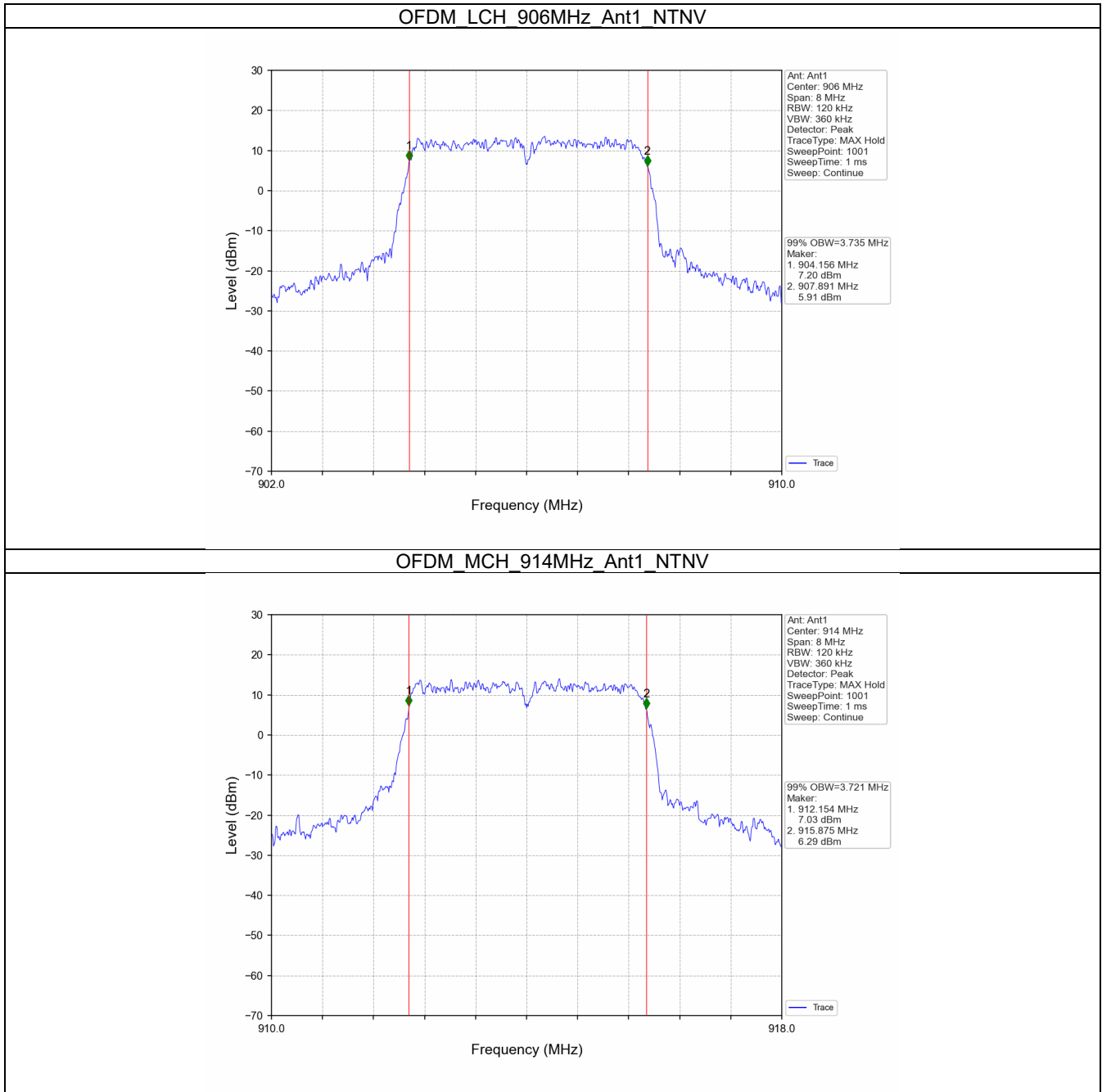
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
OFDM	SISO	906	1	3.735	Pass
		914	1	3.721	Pass
		926	1	3.728	Pass



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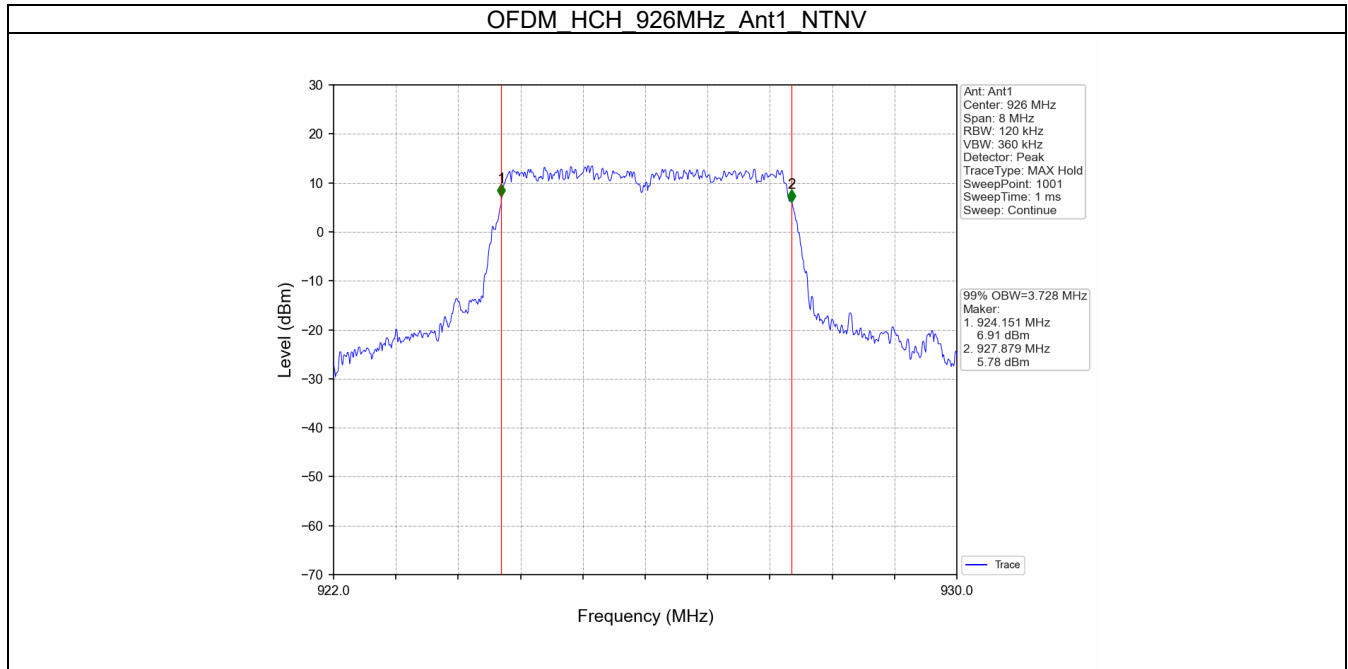
2.1.2 Test Graph



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## 2.2 6dB BW

### 2.2.1 Test Result

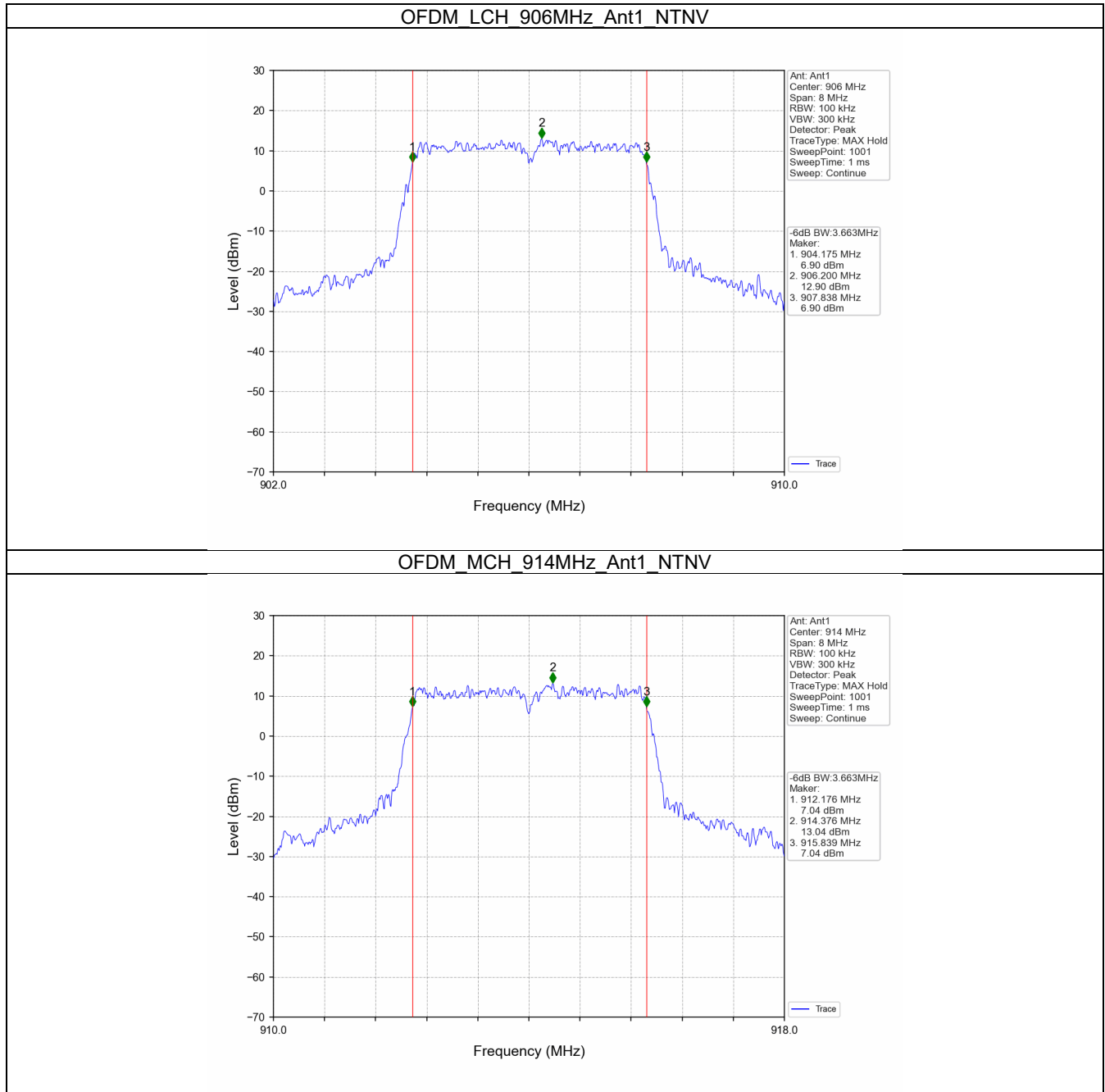
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
OFDM	SISO	906	1	3.663	>=0.5	Pass
		914	1	3.663	>=0.5	Pass
		926	1	3.710	>=0.5	Pass



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### 2.2.2 Test Graph



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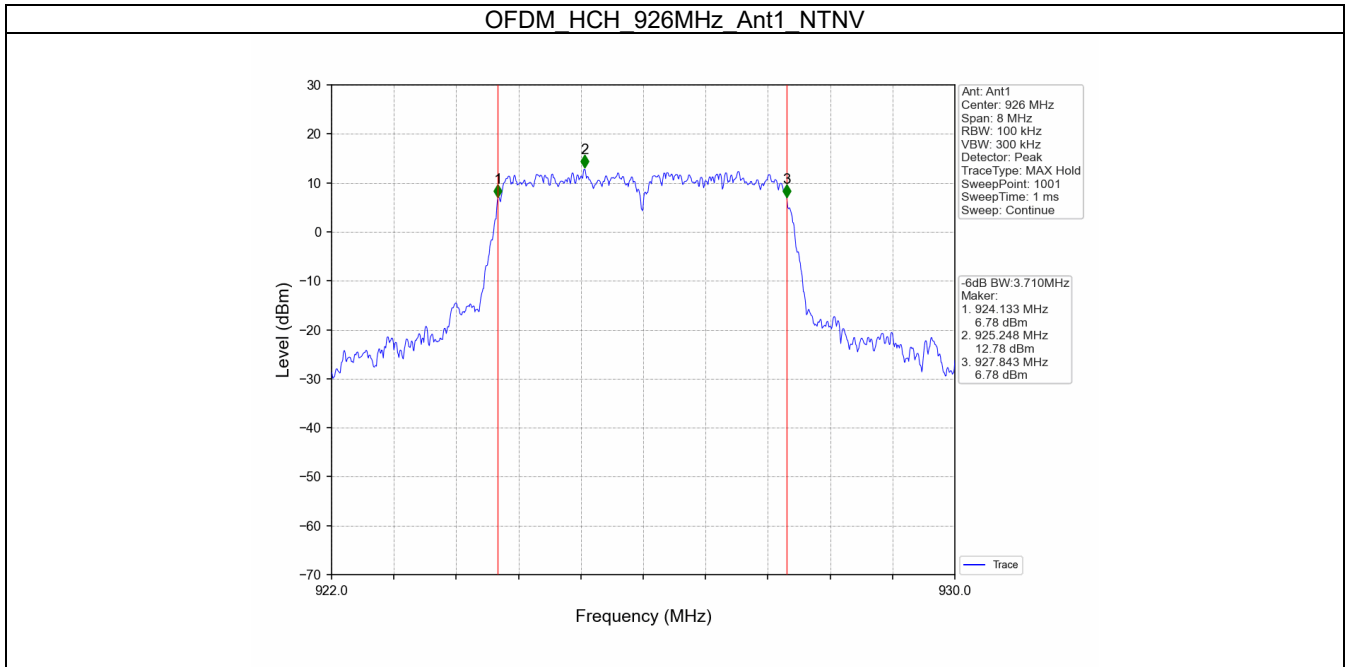
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### 3. Maximum Conducted Output Power

#### 3.1 Power

##### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
OFDM	SISO	906	25.44	<=30	Pass
		914	25.73	<=30	Pass
		926	25.48	<=30	Pass

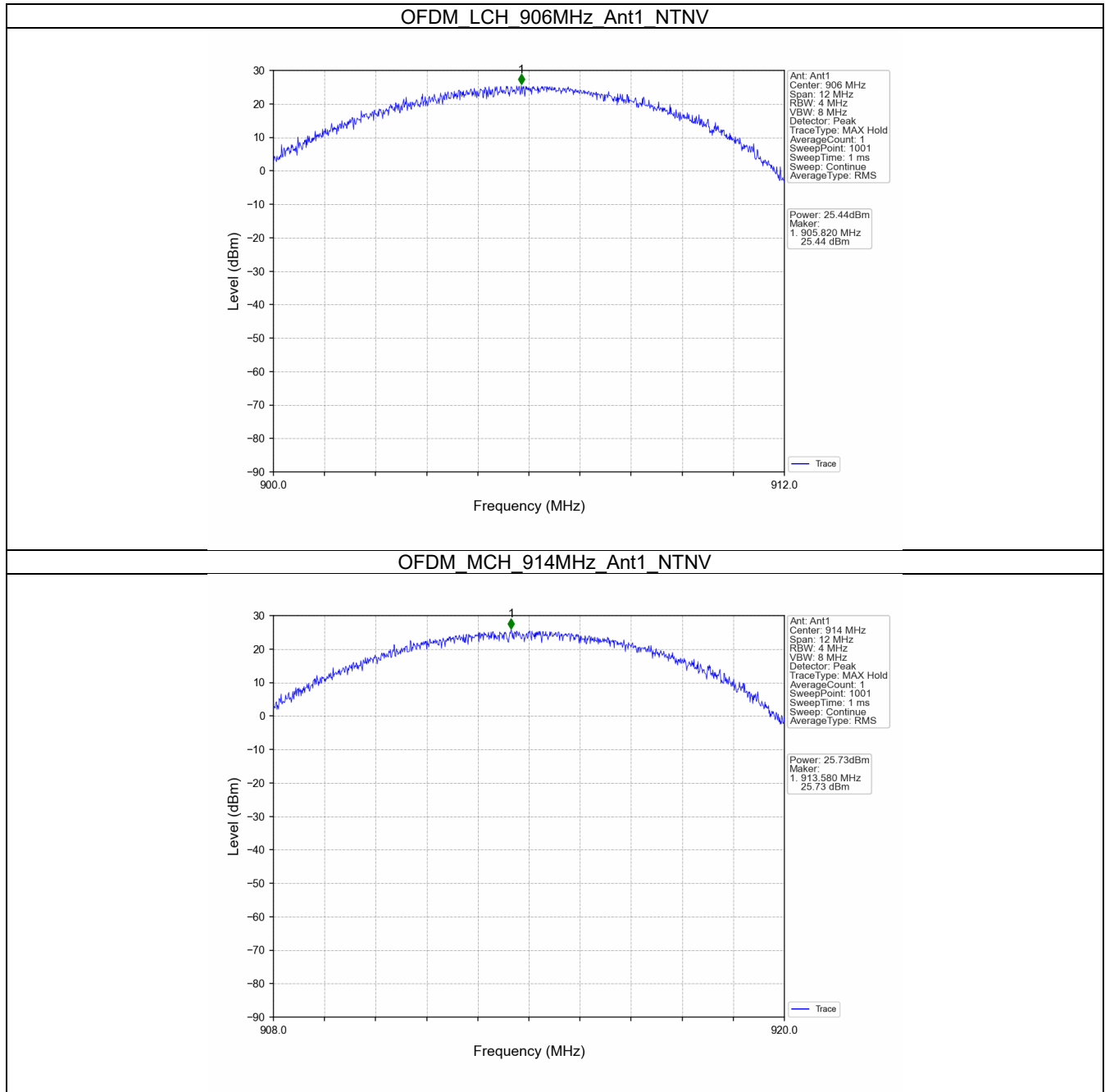
Note1: Antenna Gain: Ant1: 1.50dBi;



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### 3.1.2 Test Graph



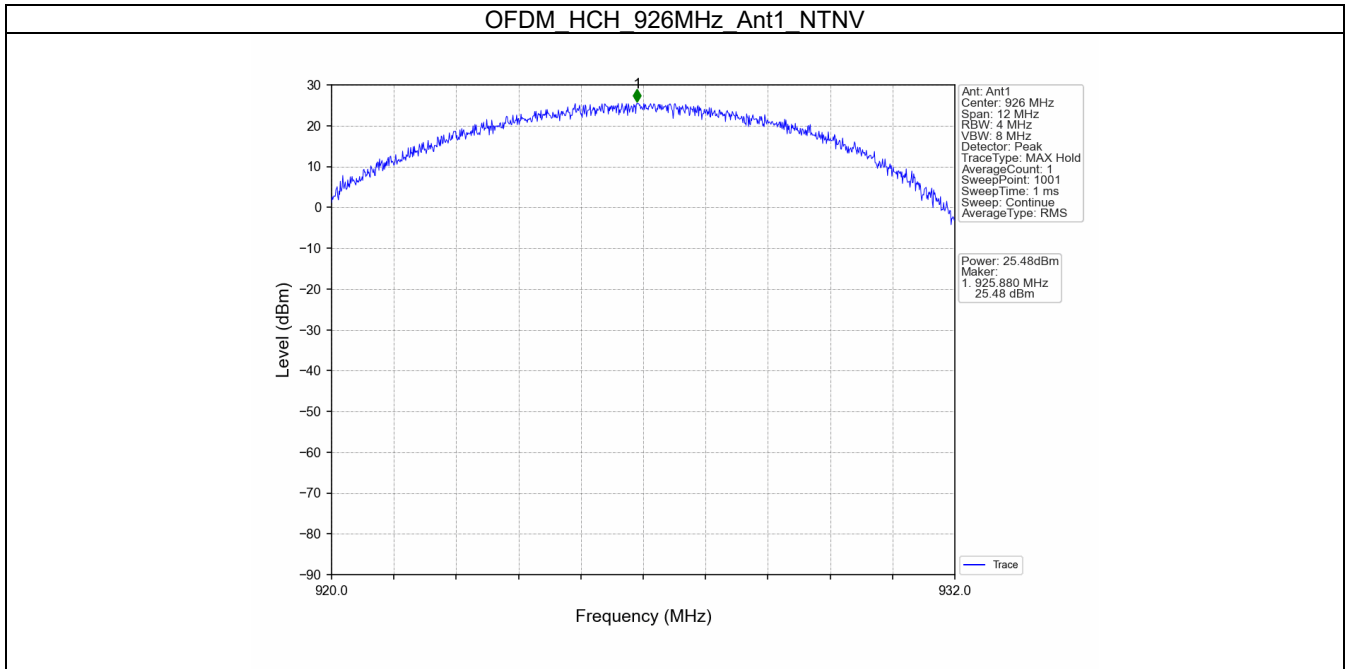
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## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
OFDM	SISO	906	-3.21	<=8	Pass
		914	-3.10	<=8	Pass
		926	-2.88	<=8	Pass

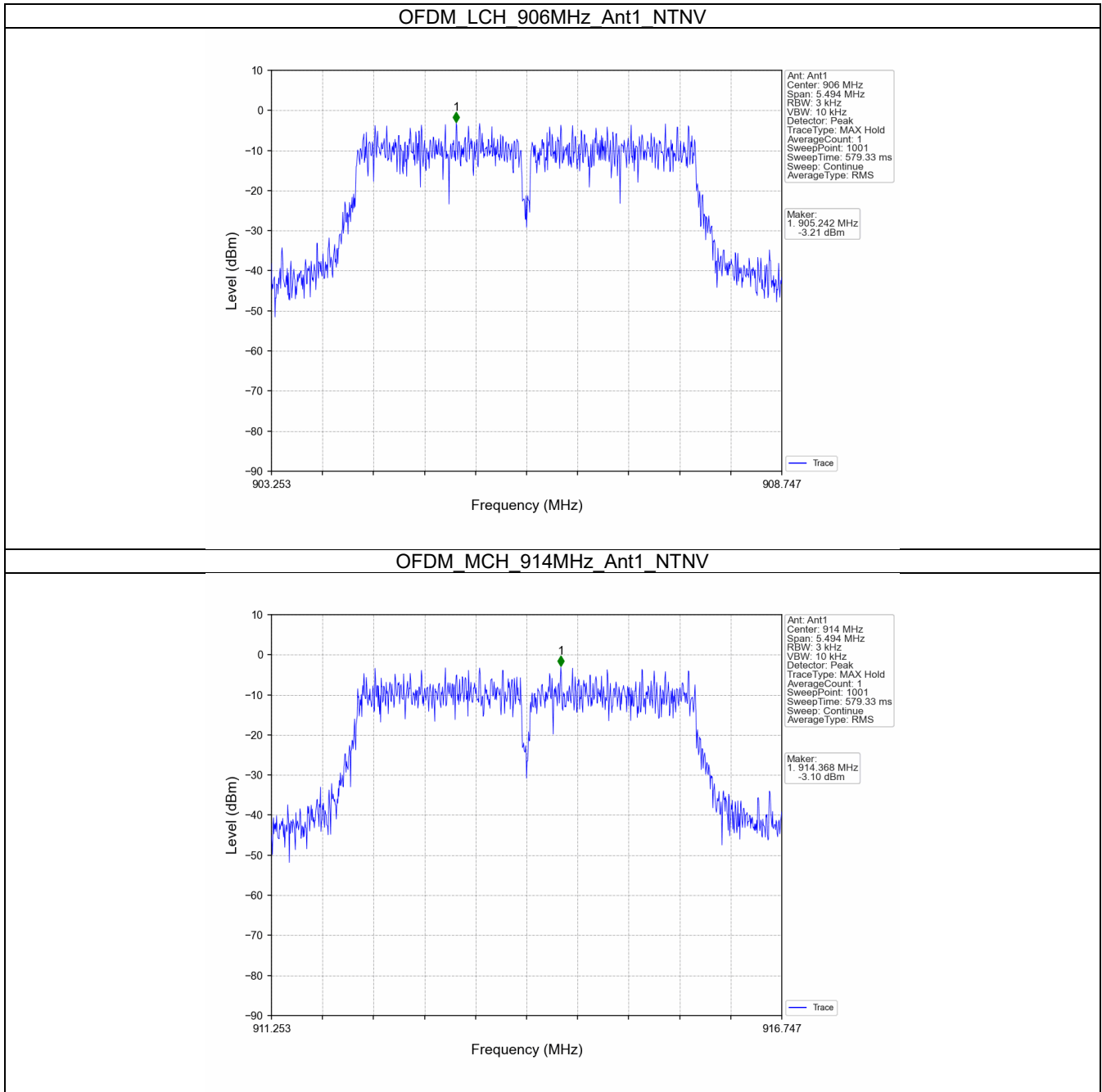
Note1: Antenna Gain: Ant1: 1.50dBi;



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### 4.1.2 Test Graph



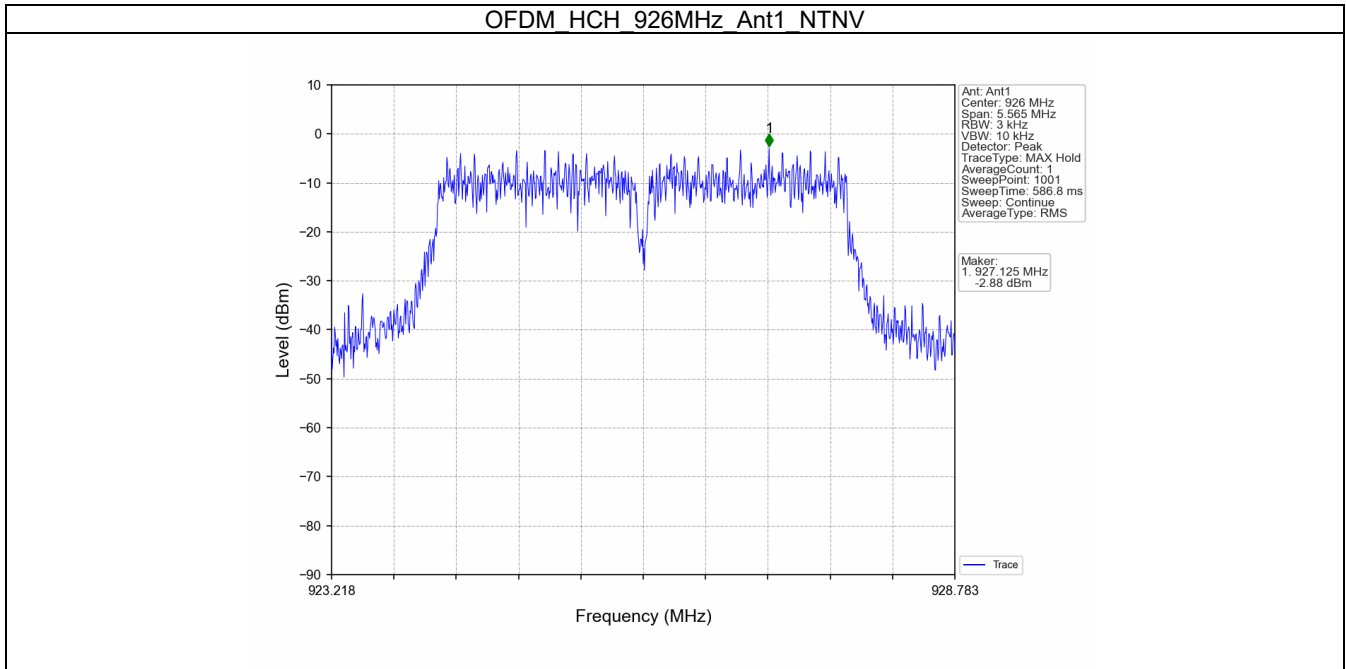
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## 5. Unwanted Emissions In Non-restricted Frequency Bands

### 5.1 Ref

#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
OFDM	SISO	906	1	15.66
		914	1	15.43
		926	1	15.77

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.  
 Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



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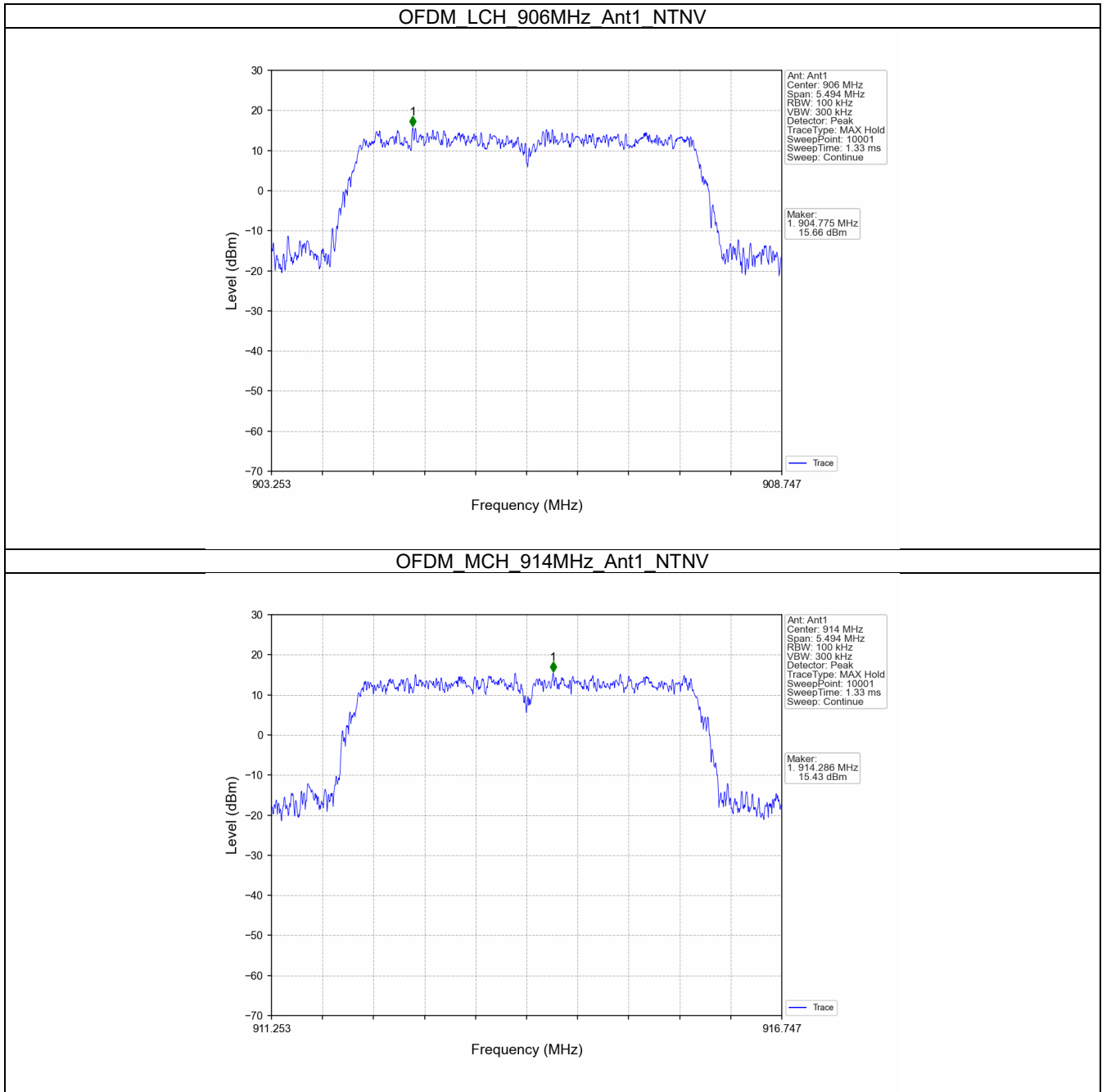
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 Testing Center Electronic Division

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 中国·上海·松江区金都西路588号 邮编: 201612

t(86-21)61915666 f(86-21)61915678 www.sgsgroup.com.cn  
 t(86-21)61915666 f(86-21)61915678 e sgs.china@sgs.com



5.1.2 Test Graph



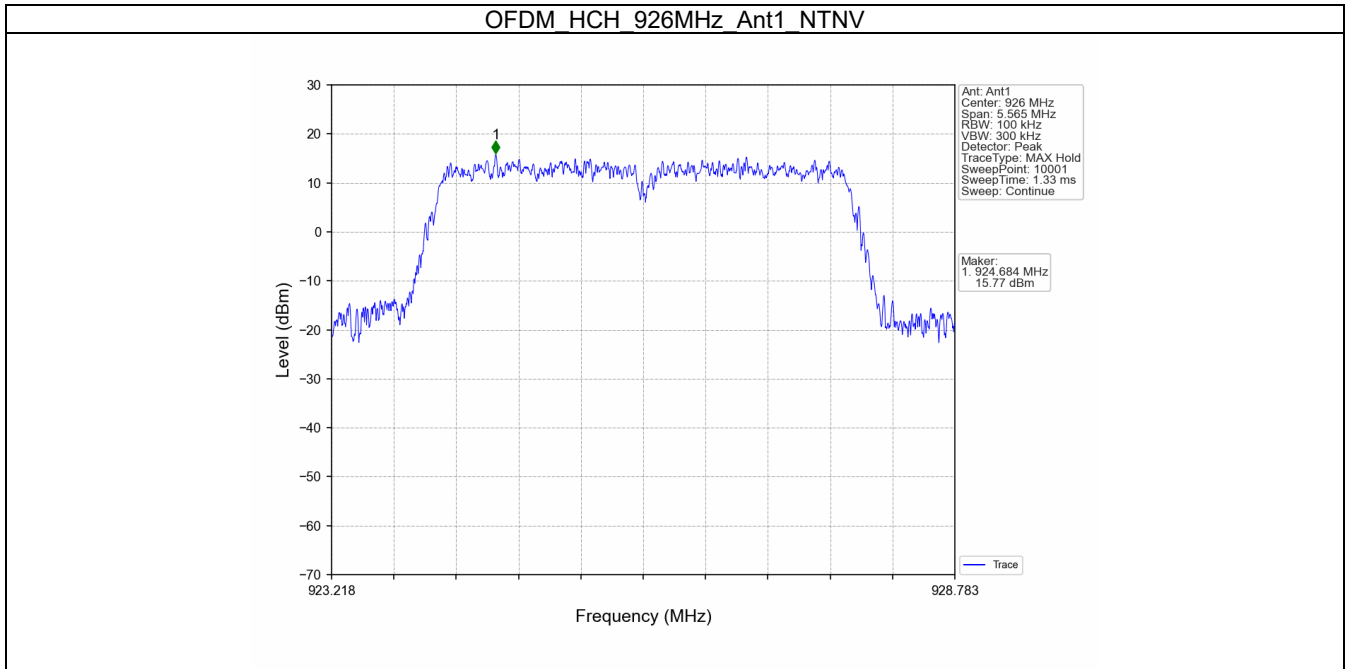
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Testing Center Electronic Laboratory

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中国·上海·松江区金都西路588号 邮编: 201612

t(86-21)61915666 f(86-21)61915678 www.sgsgroup.com.cn  
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中国·上海·松江区金都西路588号 邮编: 201612

t(86-21)61915666 f(86-21)61915678 www.sgs.com.cn  
t(86-21)61915666 f(86-21)61915678 e sgs.china@sgs.com

## 5.2 CSE

### 5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
OFDM	SISO	906	1	15.77	-4.23	Pass
		914	1	15.77	-4.23	Pass
		926	1	15.77	-4.23	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



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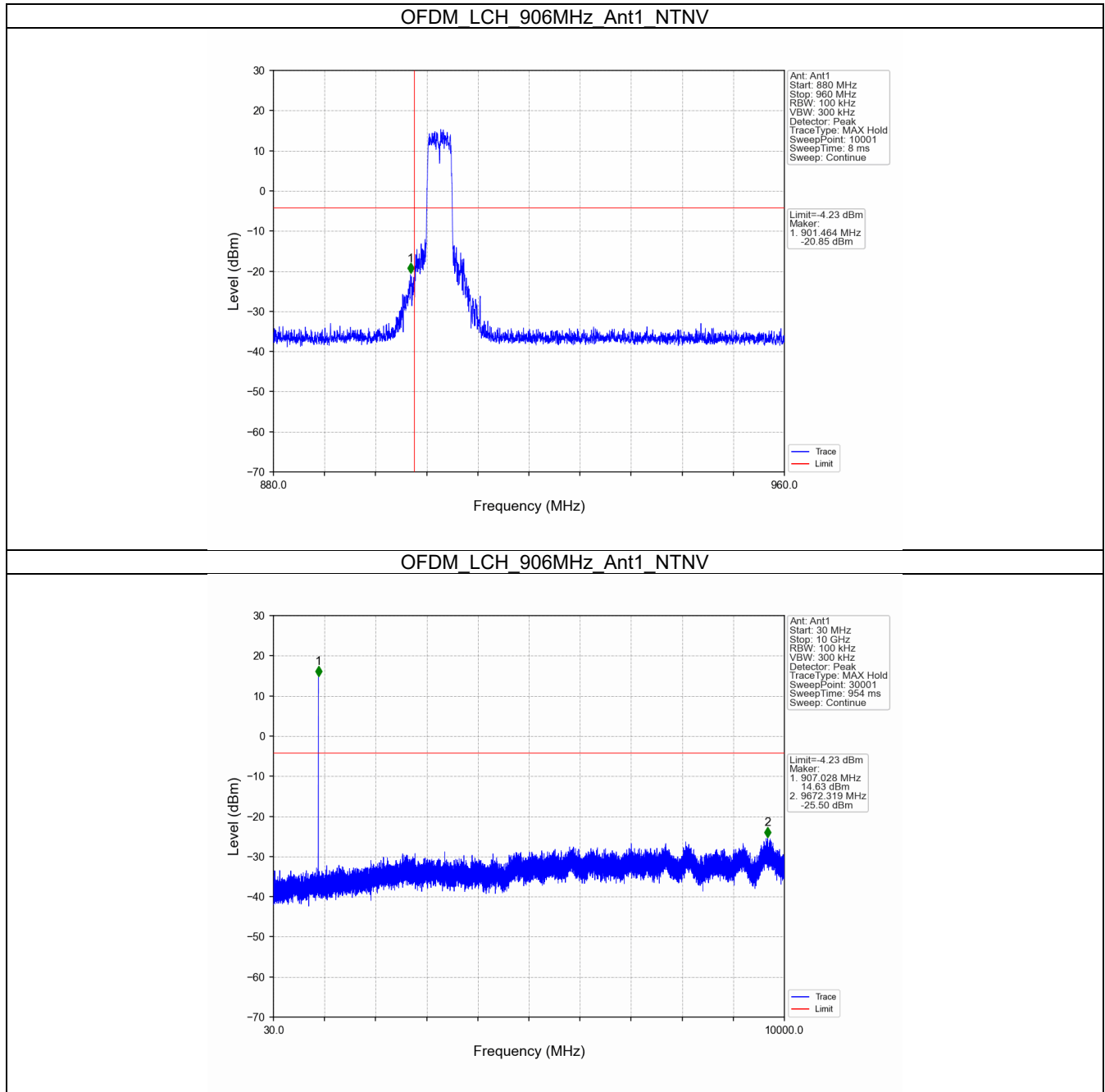
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t(86-21)61915666 f(86-21)61915678 www.sgs.com.cn  
t(86-21)61915666 f(86-21)61915678 e sgs.china@sgs.com

### 5.2.2 Test Graph

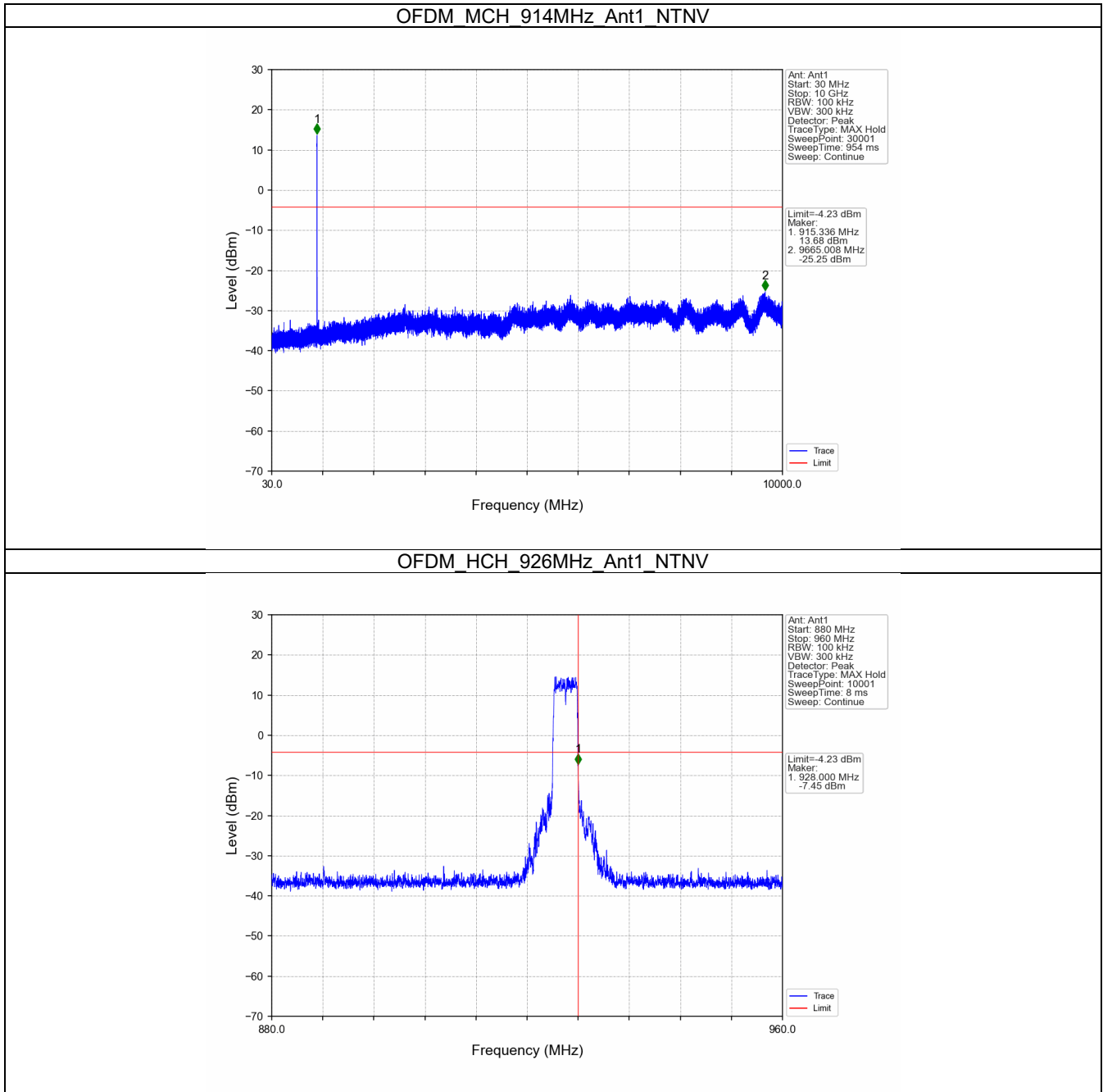


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 (86-21) 61915666 f(86-21) 61915678 e sgs.china@sgs.com



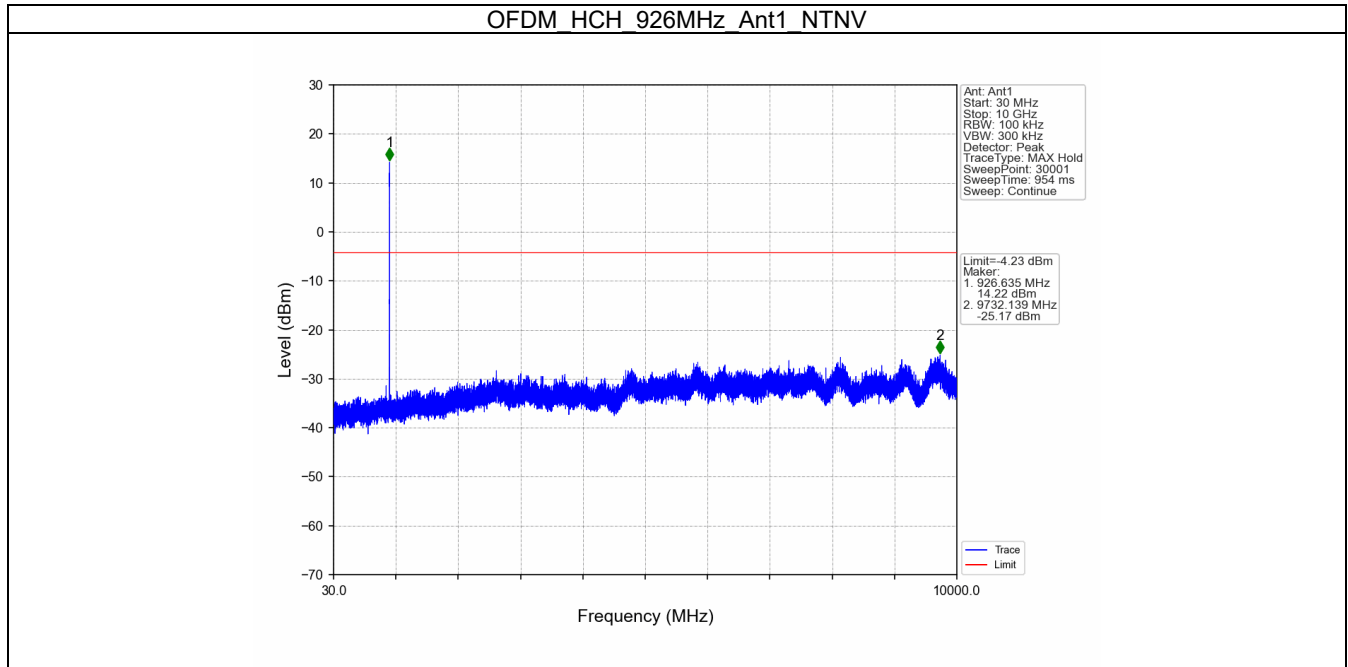
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