

## Appendix C for KSEM210800130603

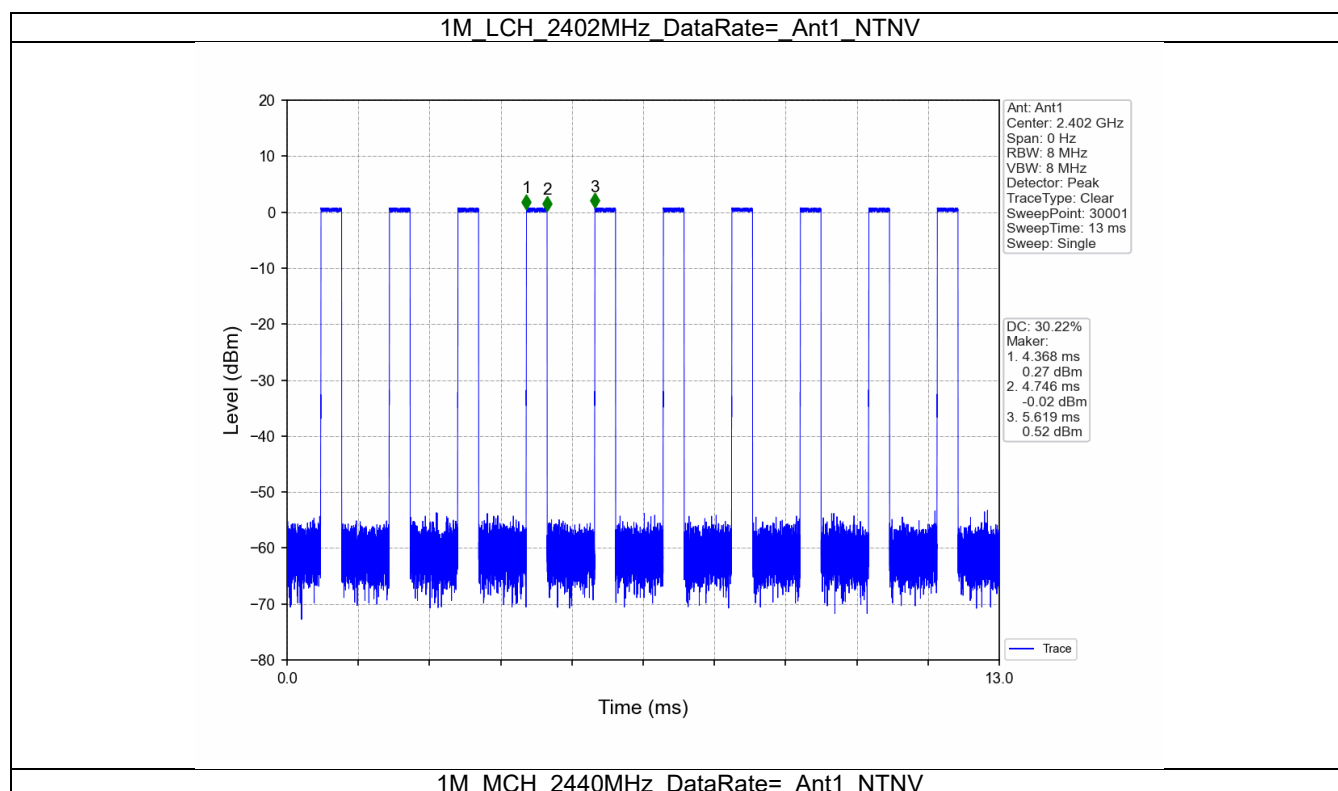
### 1. Duty Cycle

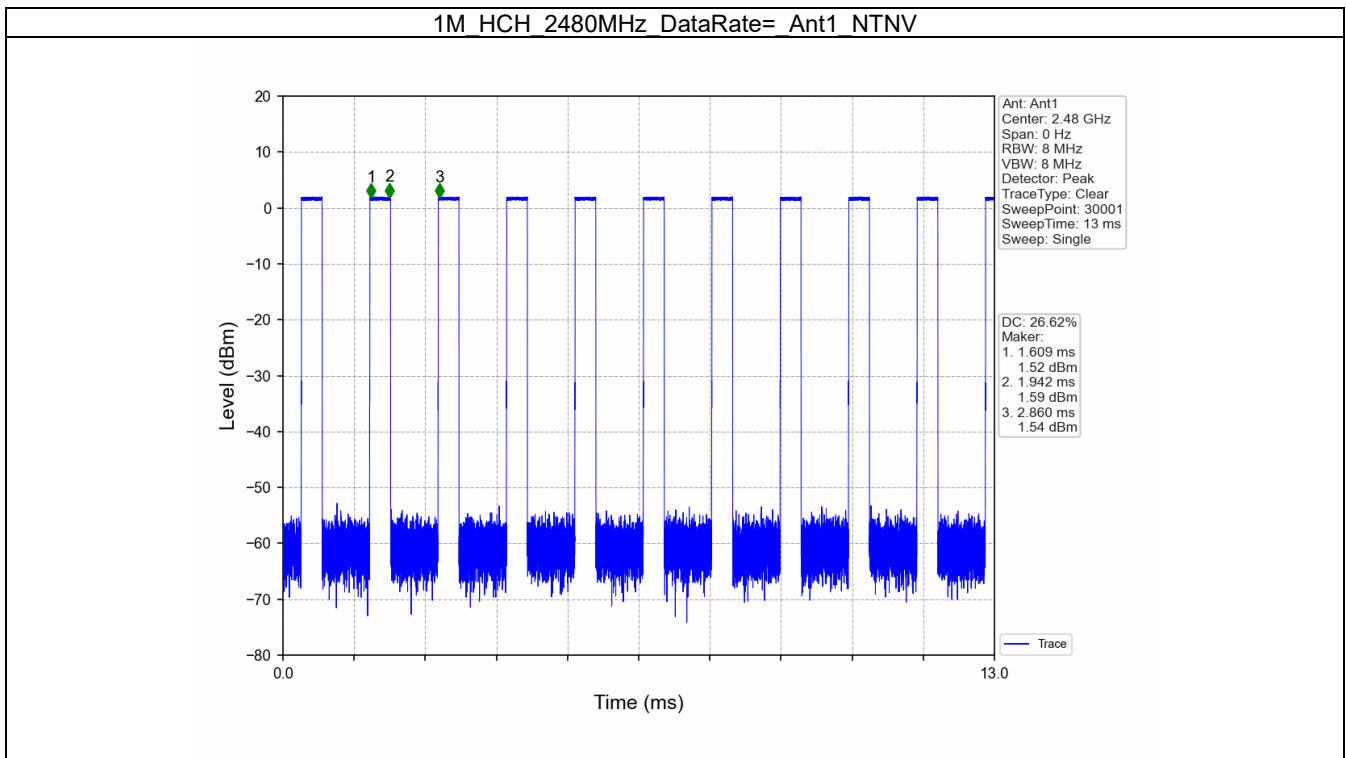
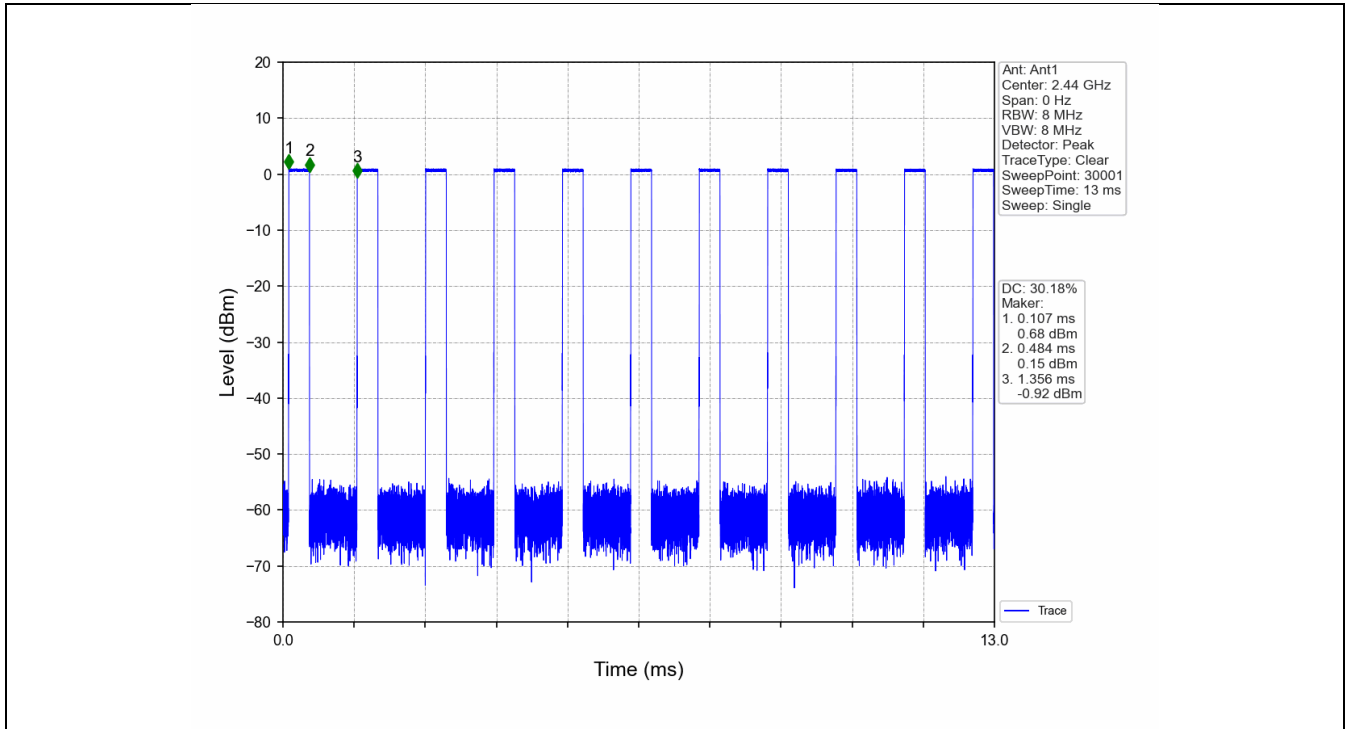
#### 1.1 Ant1

##### 1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.378	1.251	30.22	5.20	0.03
		2440	0.377	1.249	30.18	5.20	0.02
		2480	0.333	1.251	26.62	5.75	0.03

##### 1.1.2 Test Graph





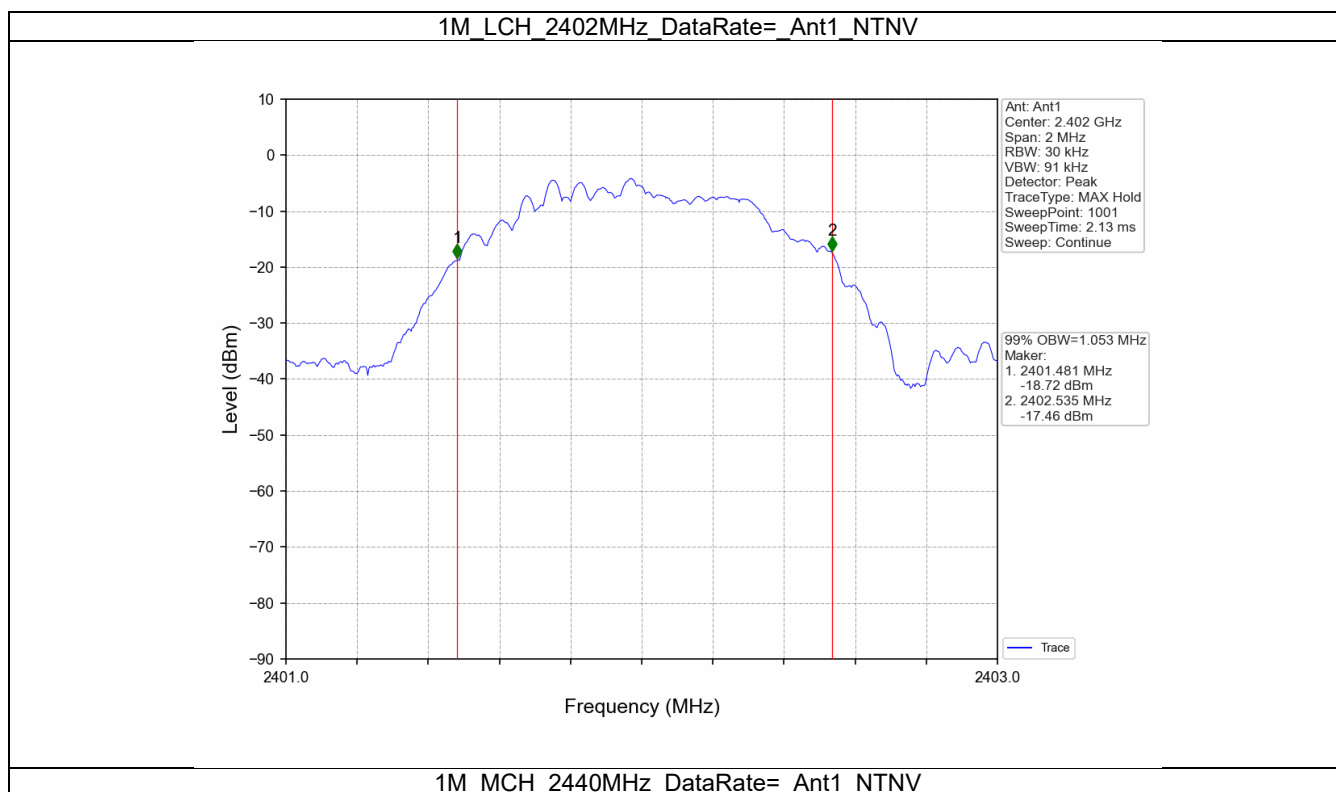
## 2. Bandwidth

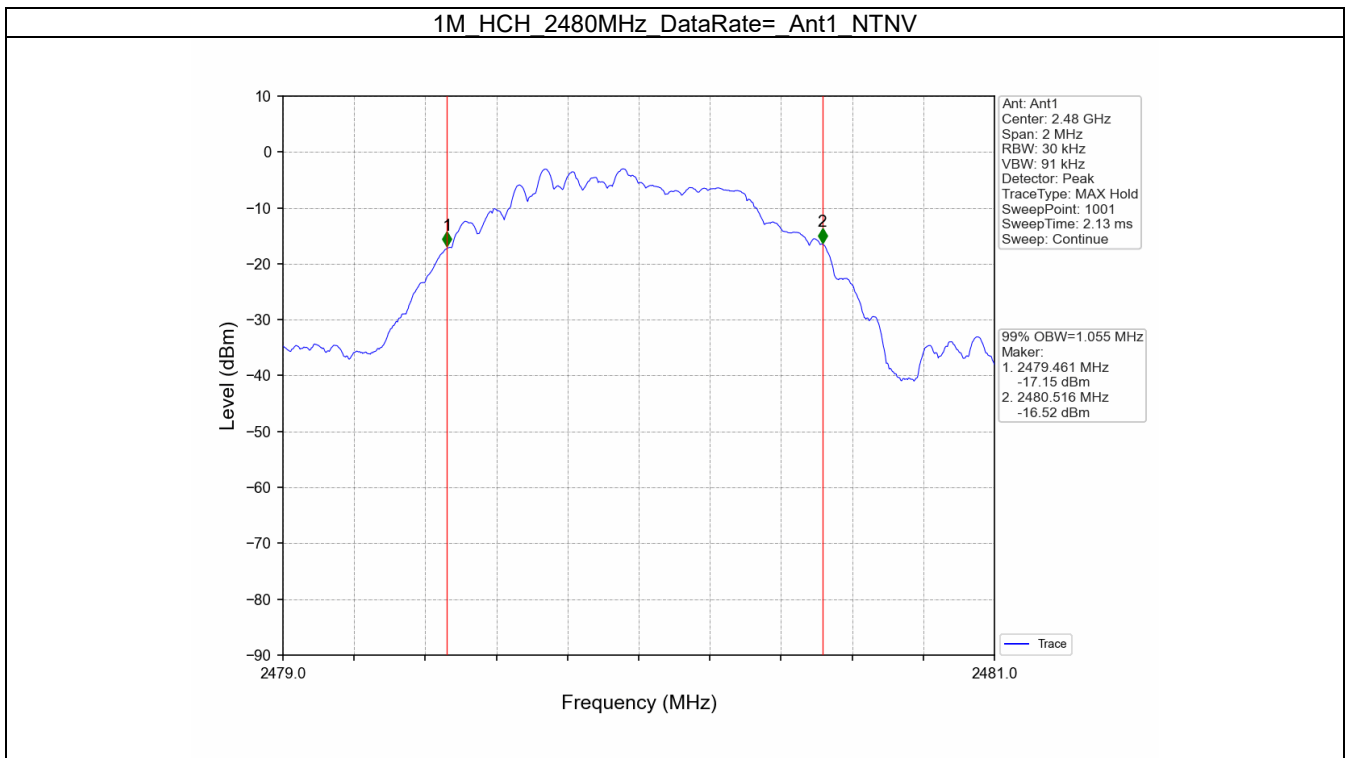
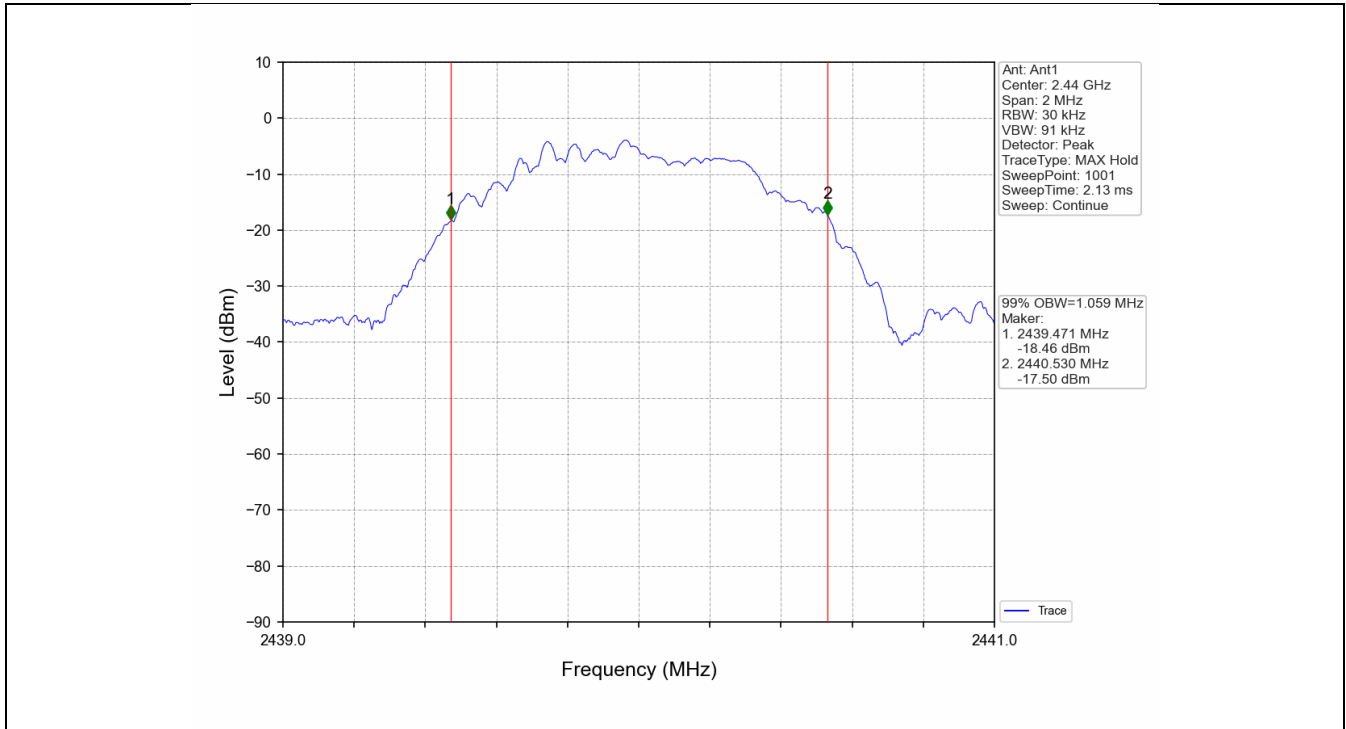
### 2.1 OBW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1M	SISO	2402	1	1.053	Pass
		2440	1	1.059	Pass
		2480	1	1.055	Pass

#### 2.1.2 Test Graph



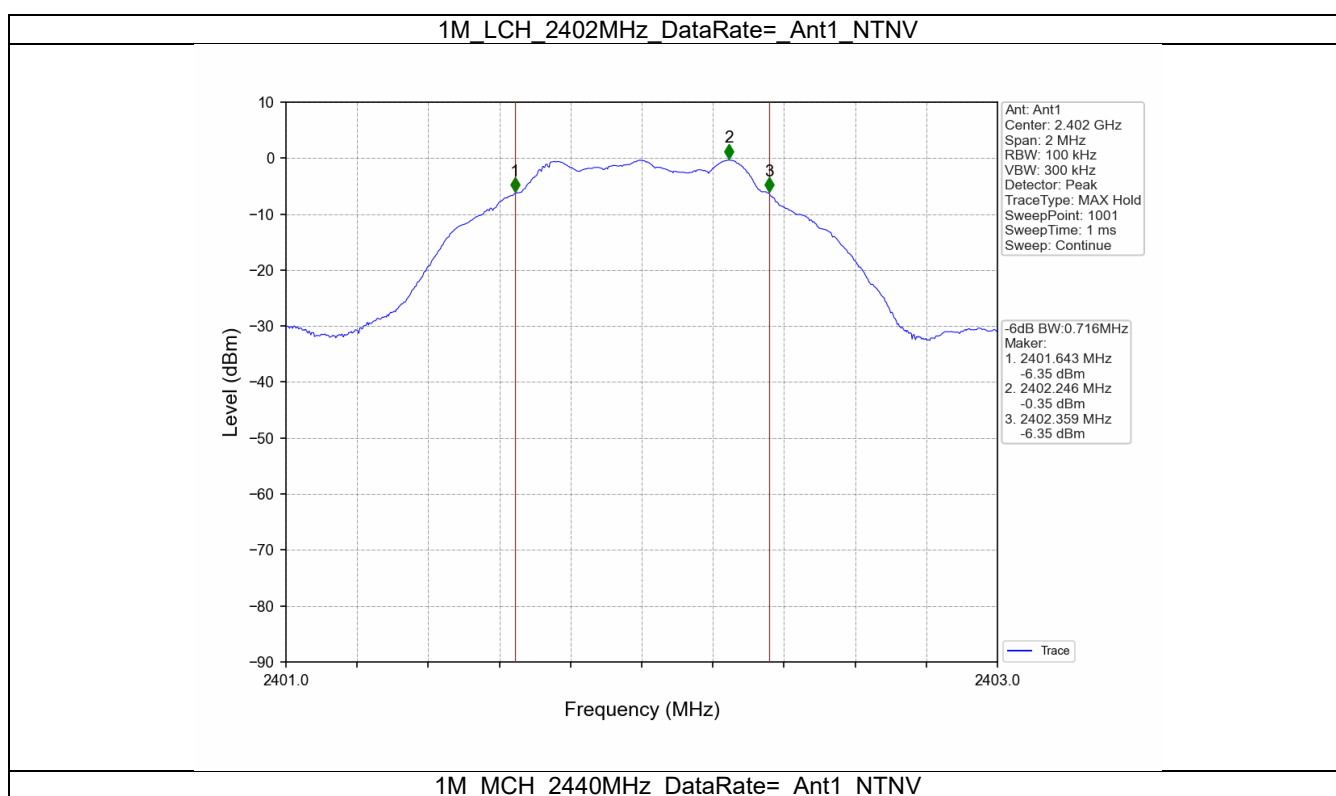


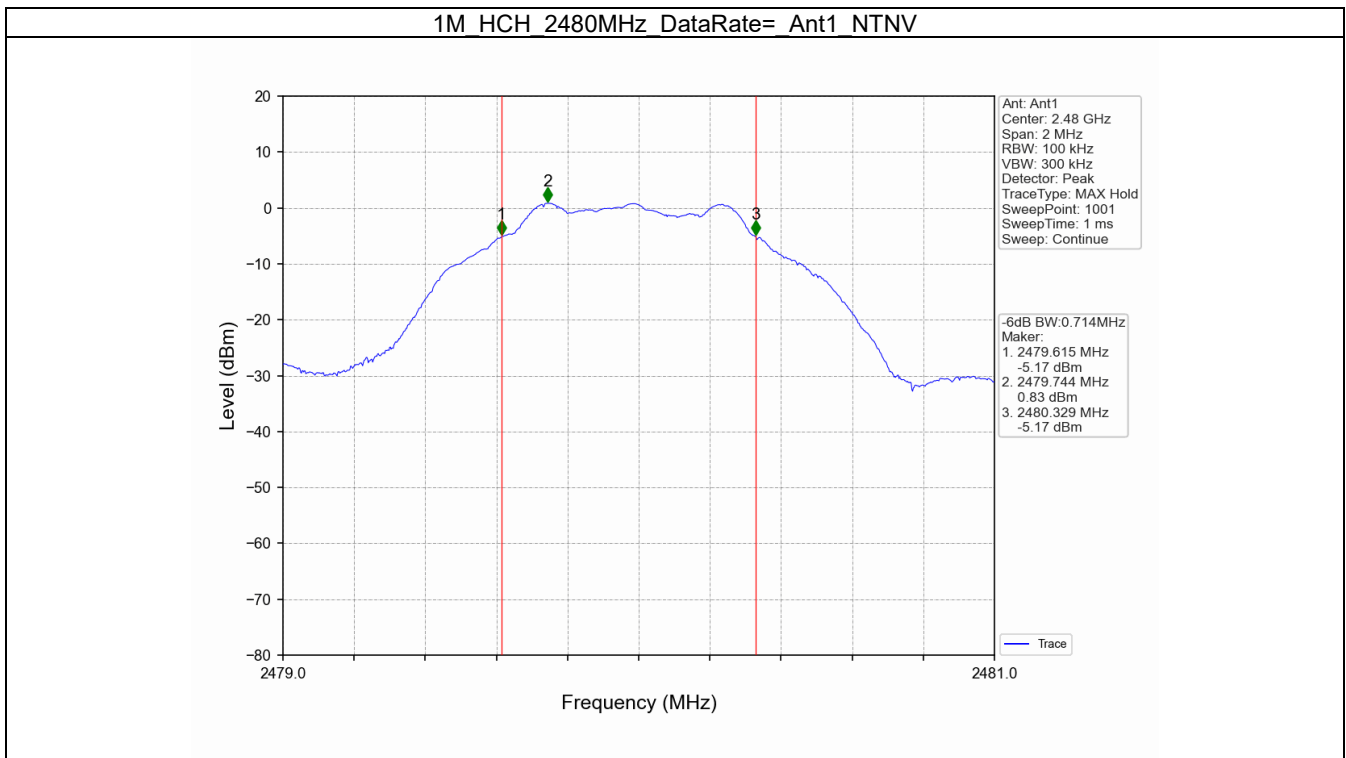
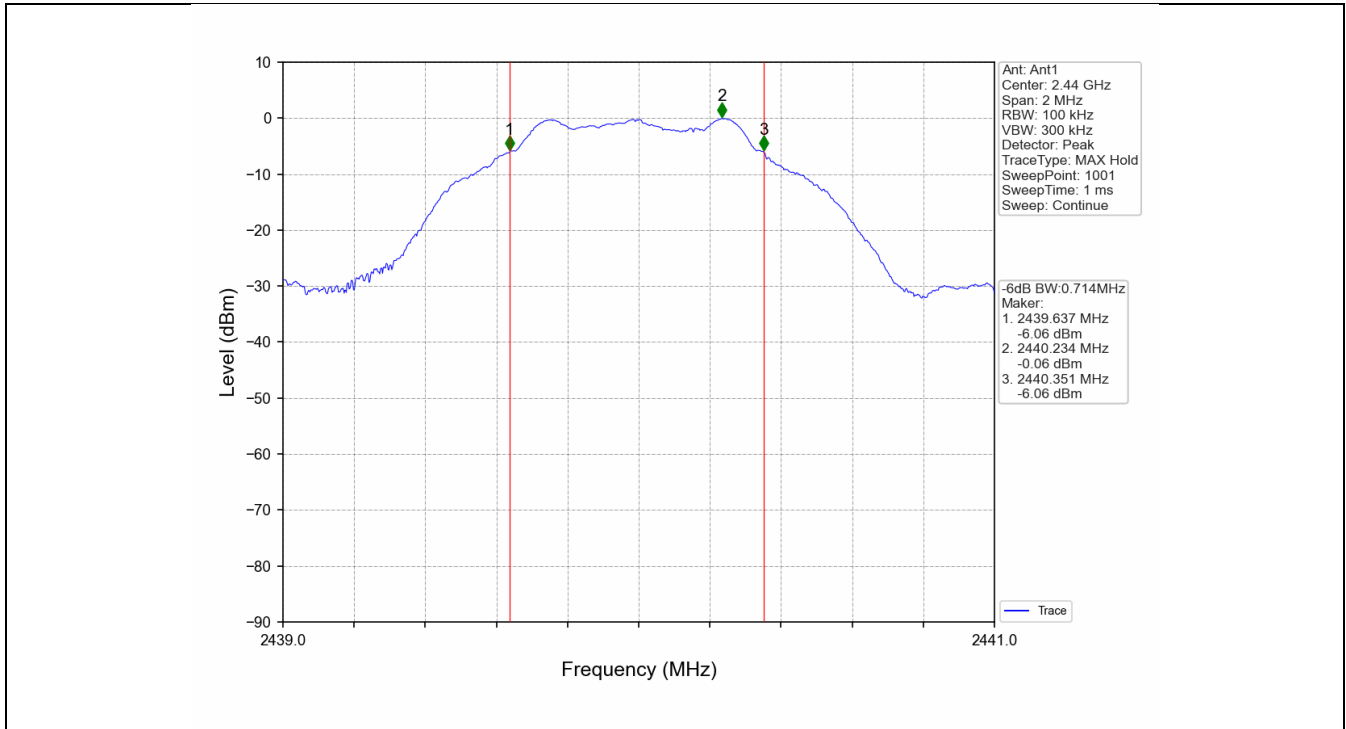
## 2.2 6dB BW

### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.716	$\geq 0.5$	Pass
		2440	1	0.714	$\geq 0.5$	Pass
		2480	1	0.714	$\geq 0.5$	Pass

### 2.2.2 Test Graph





### 3. Maximum Conducted Output Power

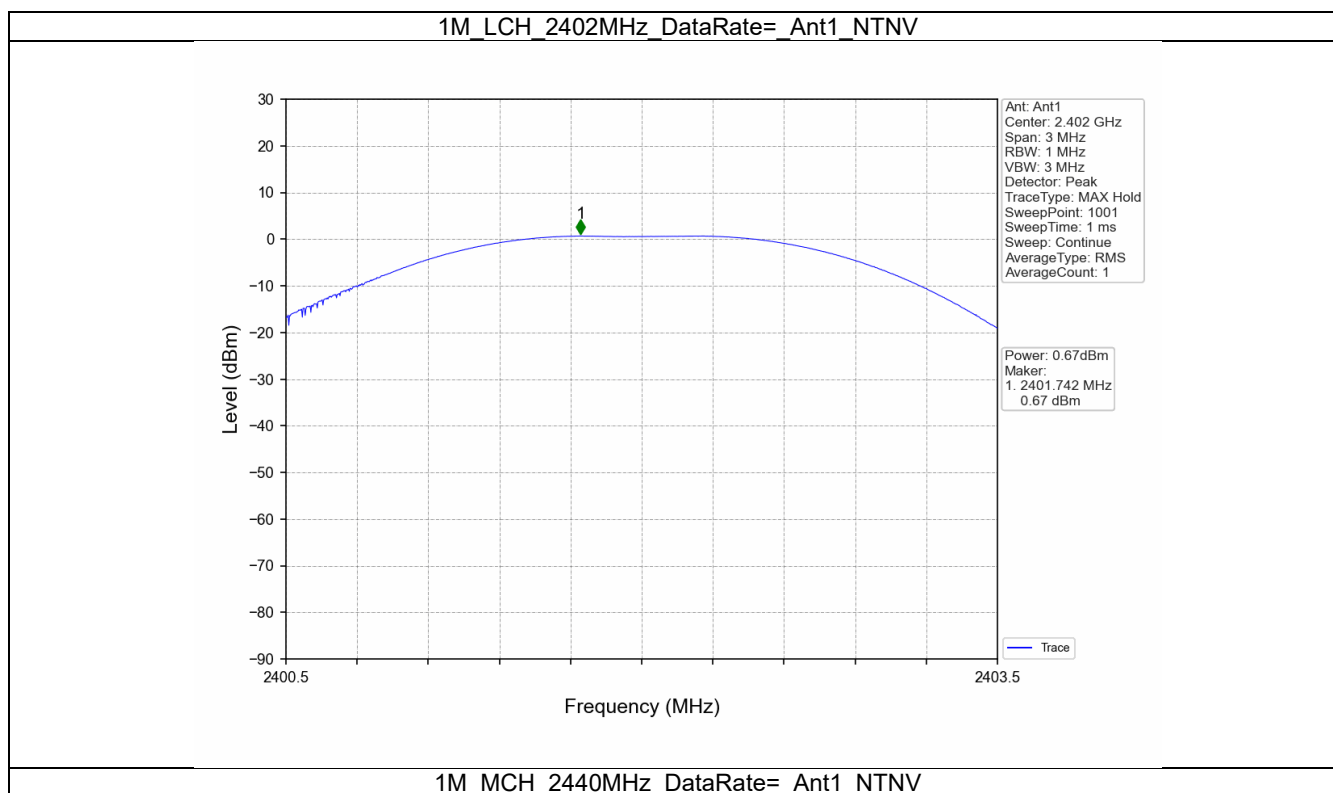
#### 3.1 Power

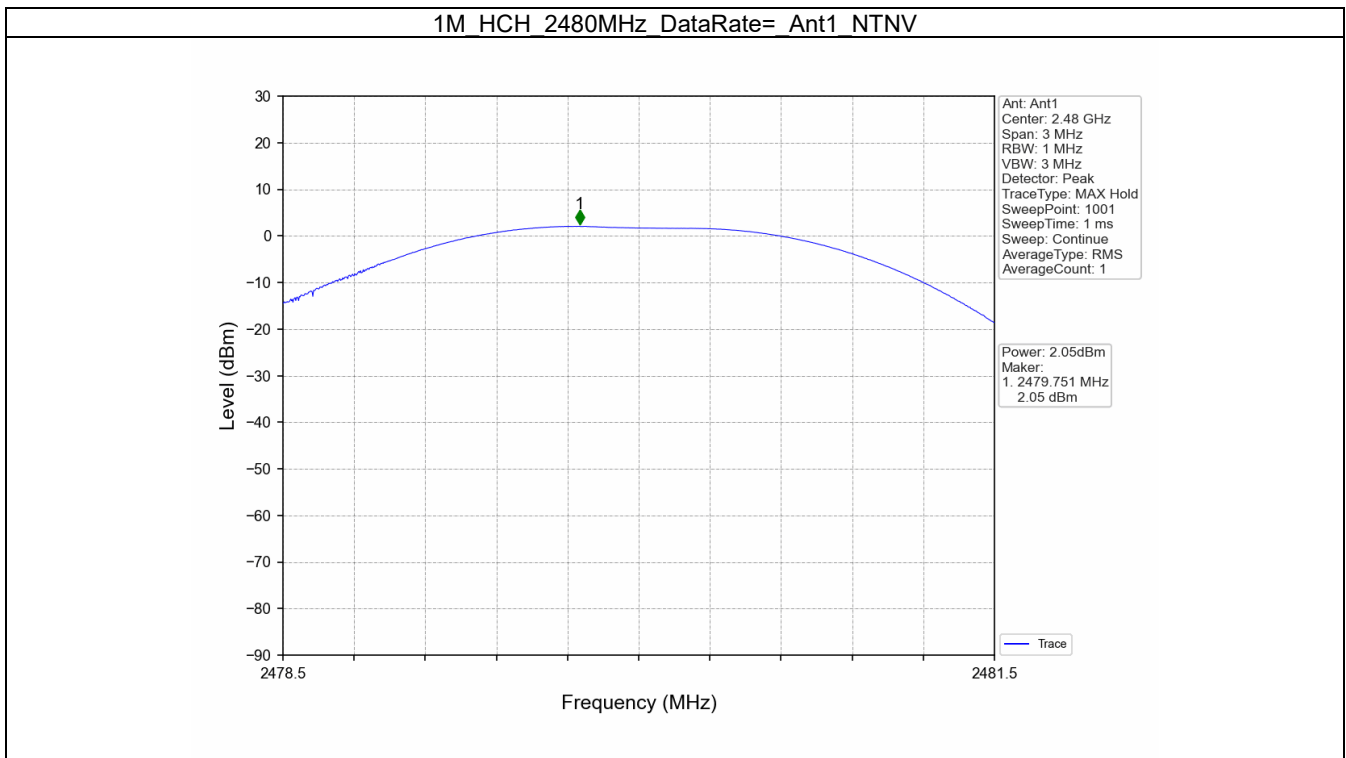
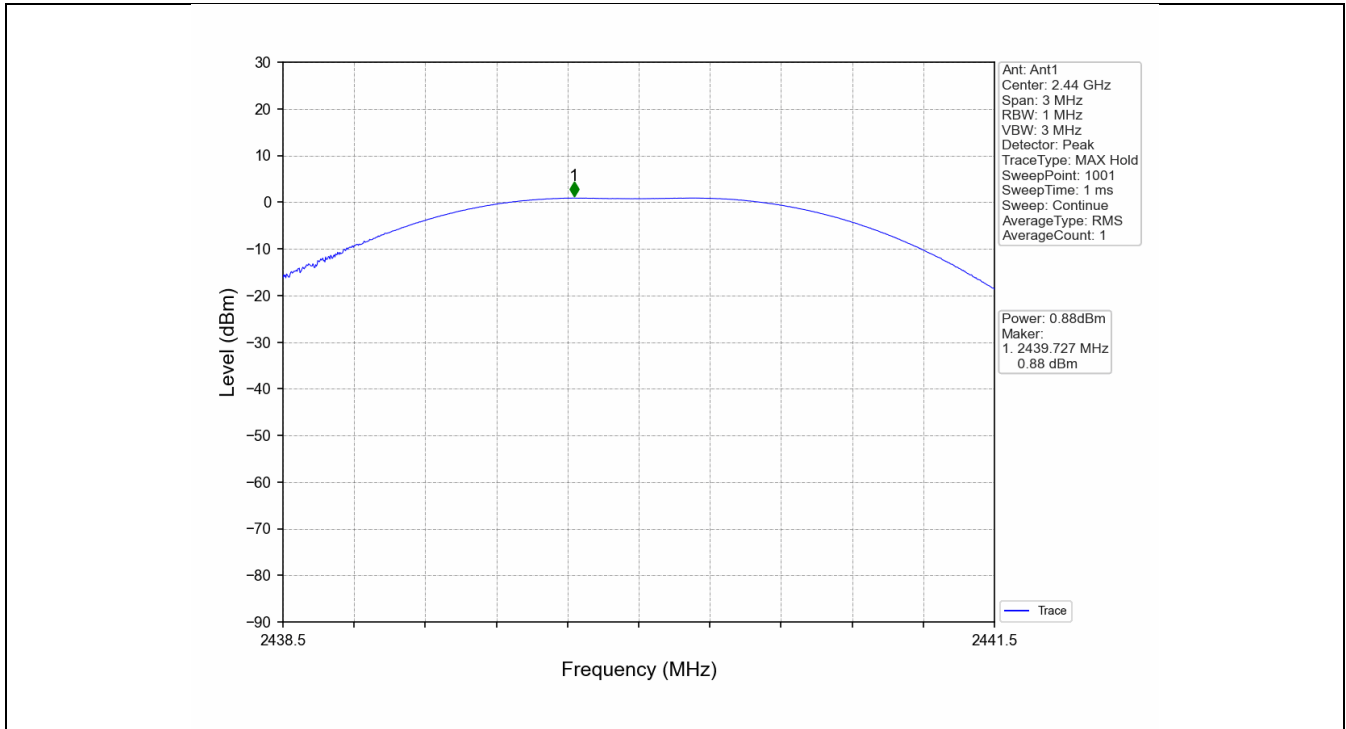
##### 3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
1M	SISO	2402	0.67	<=30	Pass
		2440	0.88	<=30	Pass
		2480	2.05	<=30	Pass

Note1: Antenna Gain: Ant1: -6.14dBi;

##### 3.1.2 Test Graph







## 4. Maximum Power Spectral Density

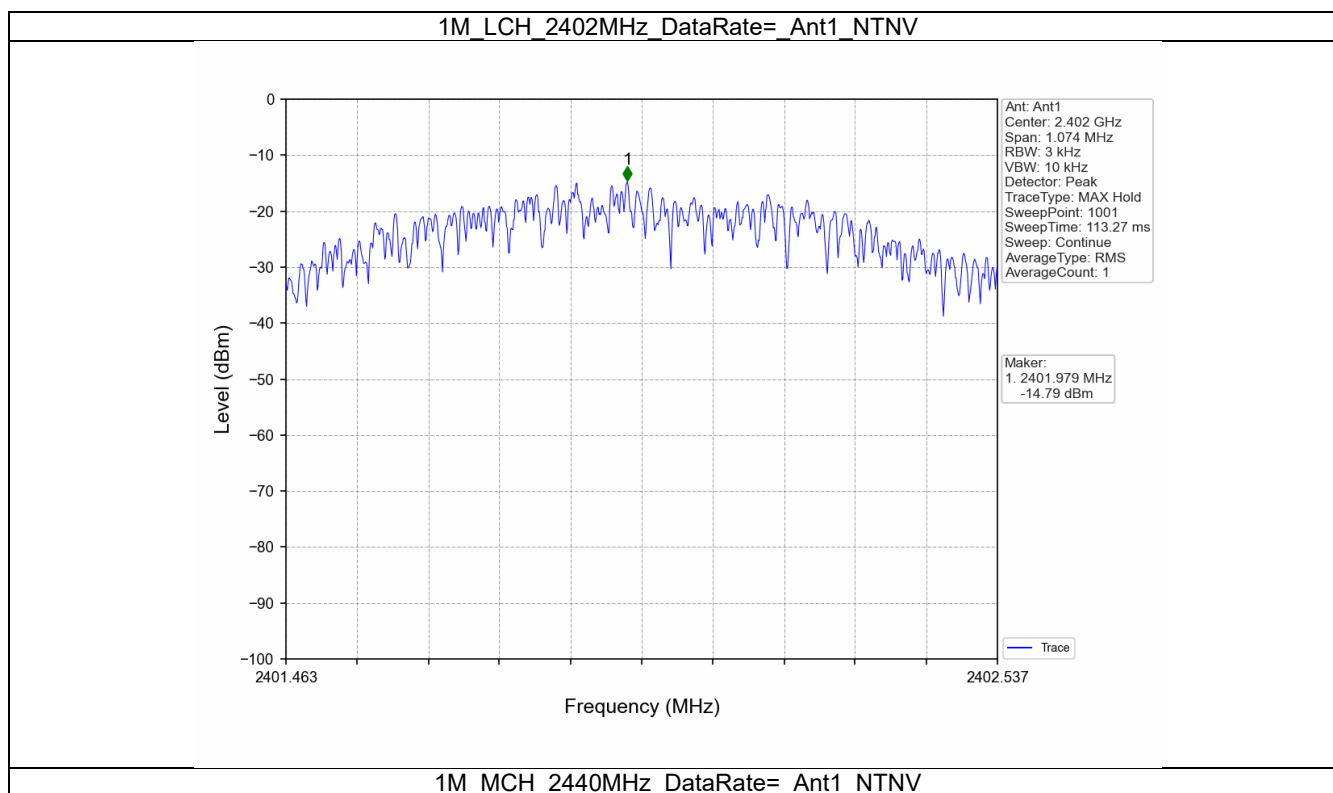
### 4.1 PSD

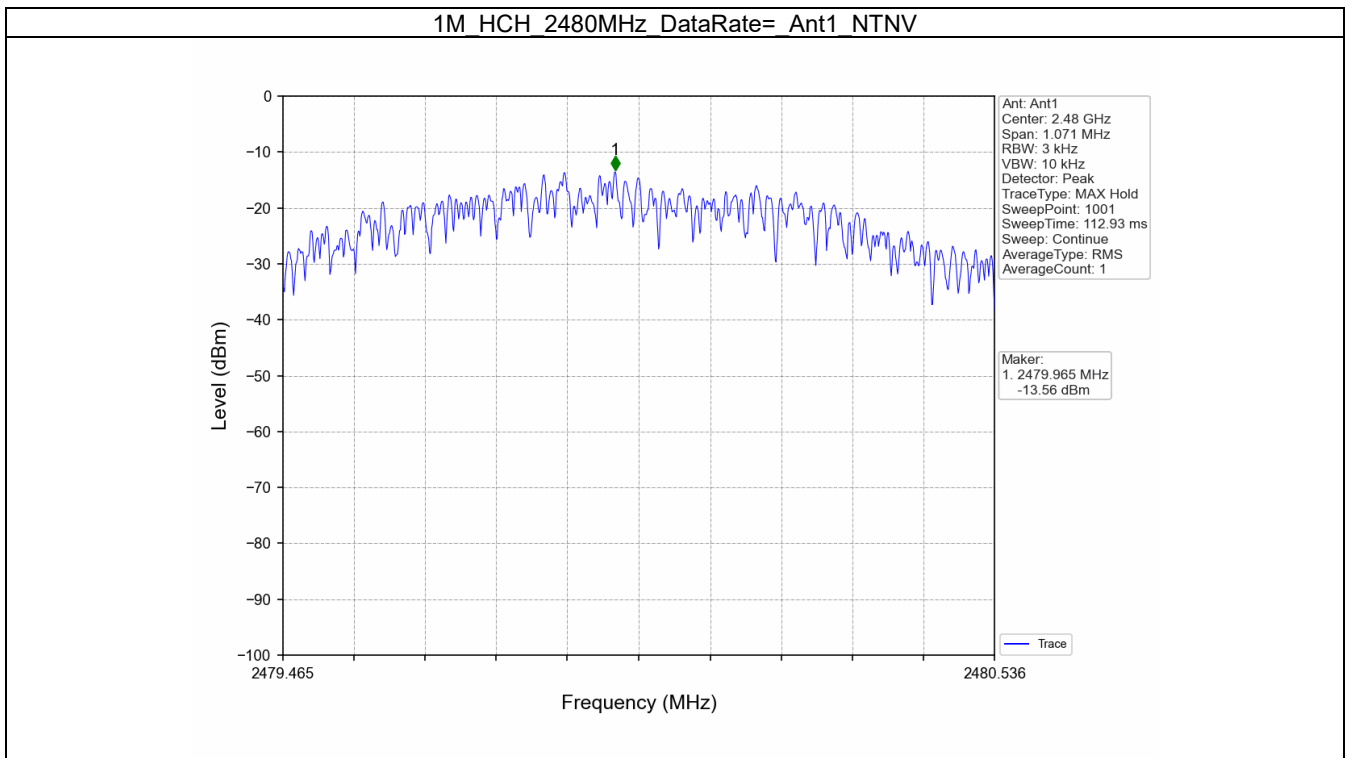
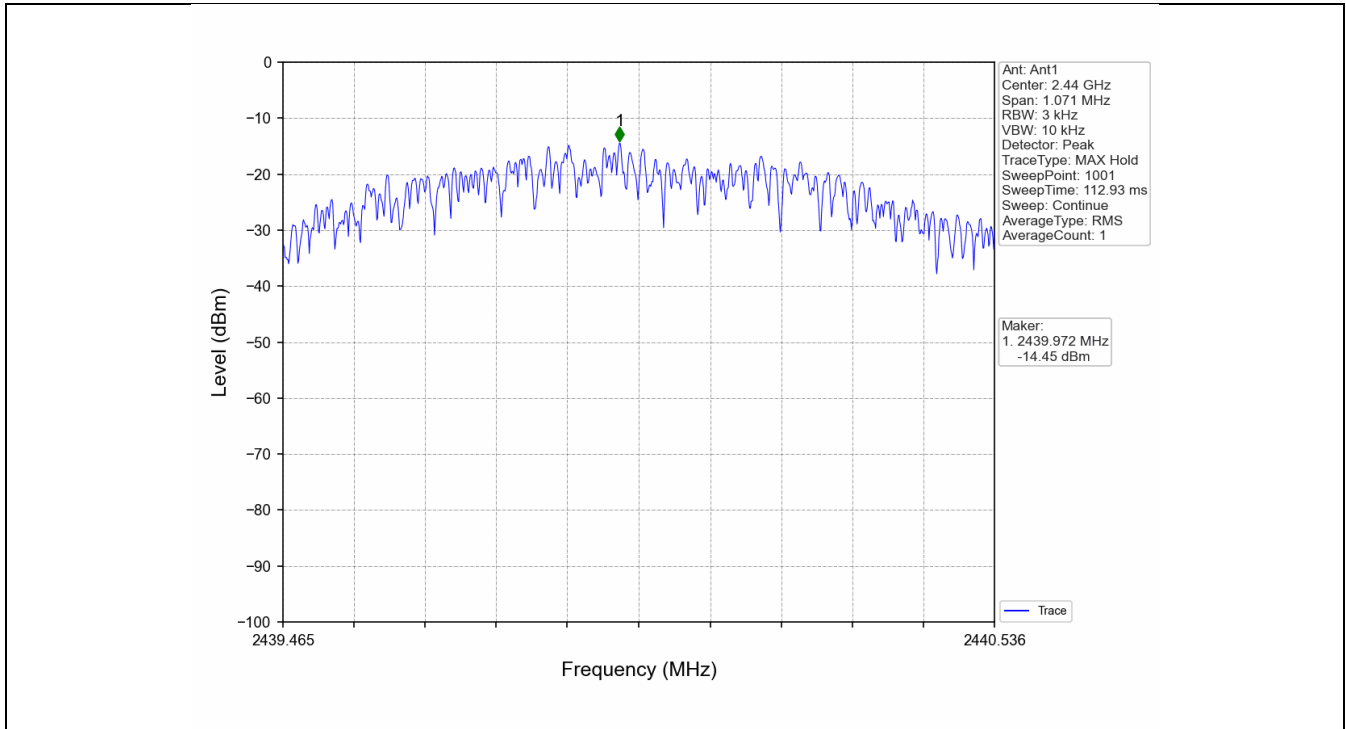
#### 4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
1M	SISO	2402	-14.79	<=8	Pass
		2440	-14.45	<=8	Pass
		2480	-13.56	<=8	Pass

Note1: Antenna Gain: Ant1: -6.14dBi;

#### 4.1.2 Test Graph





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

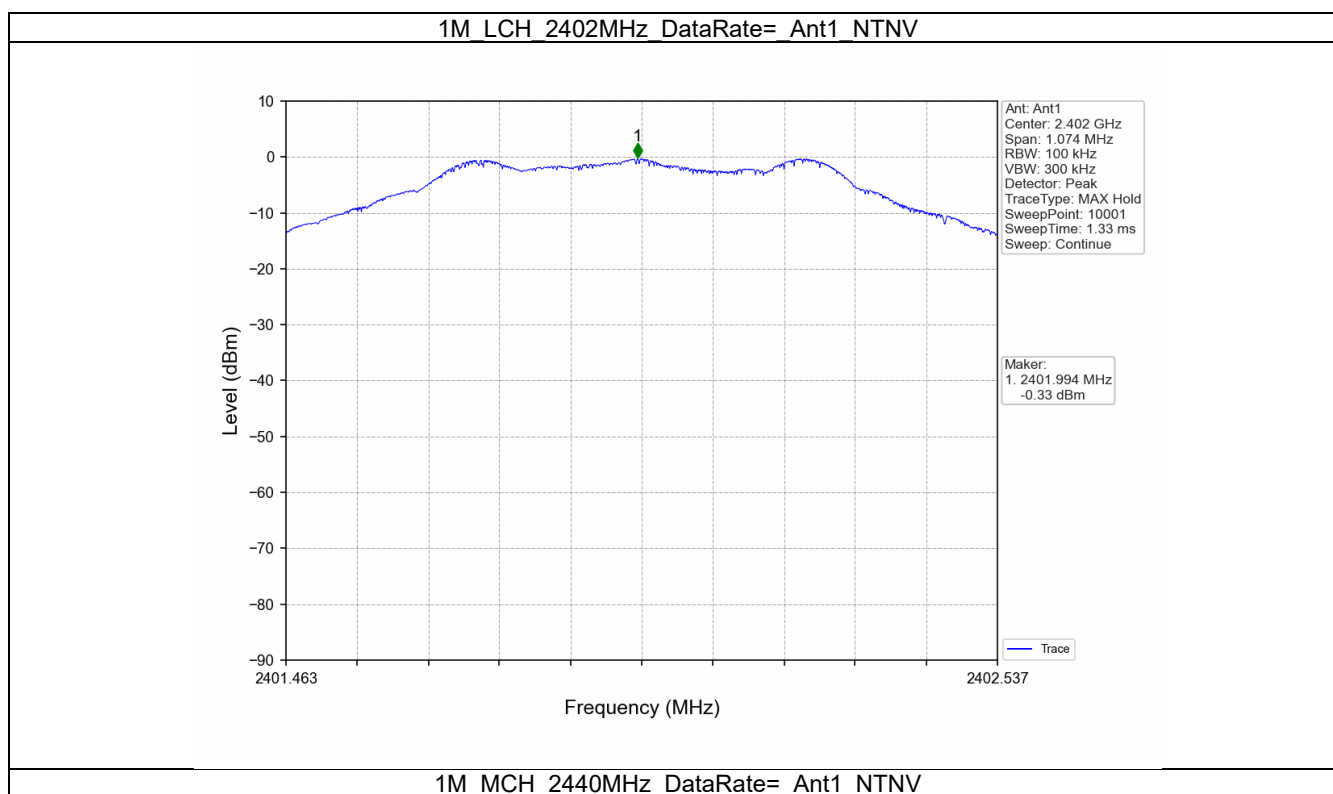
### 5.1 Ref

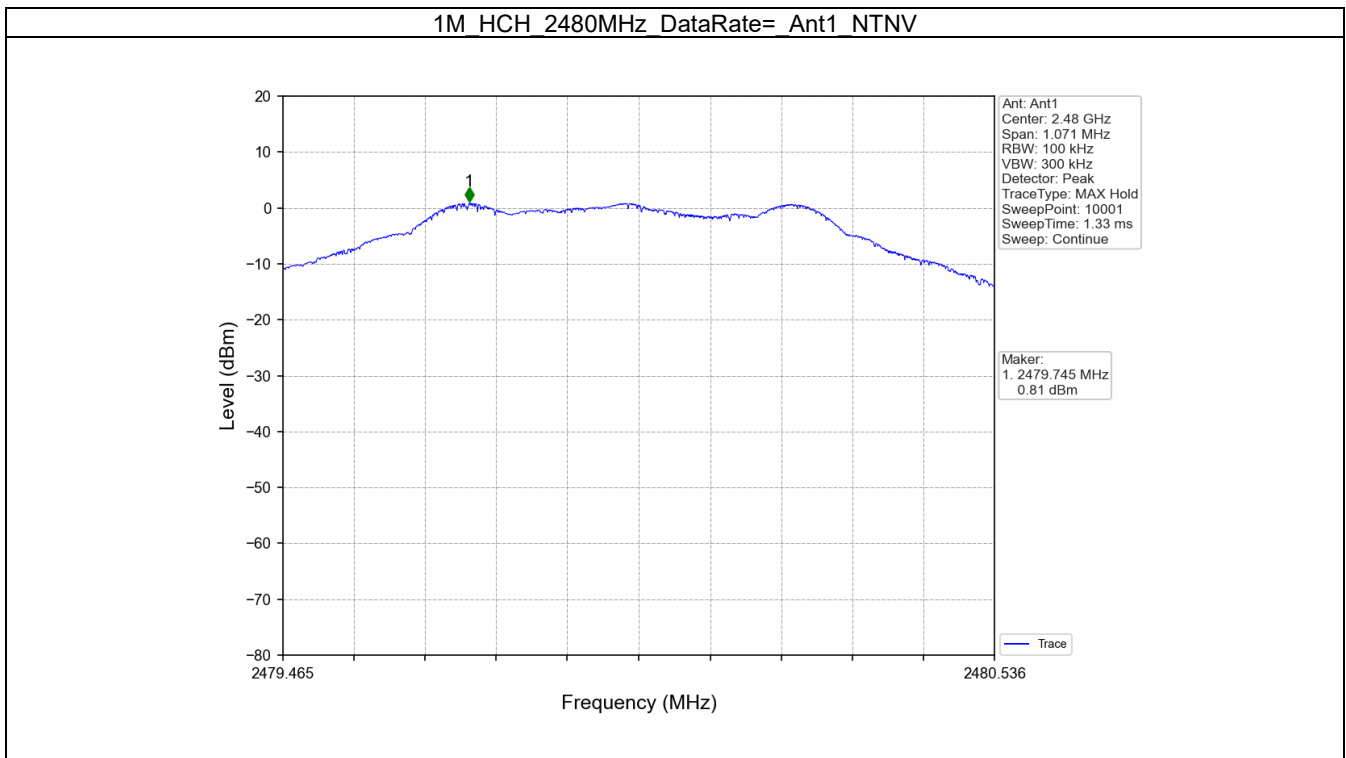
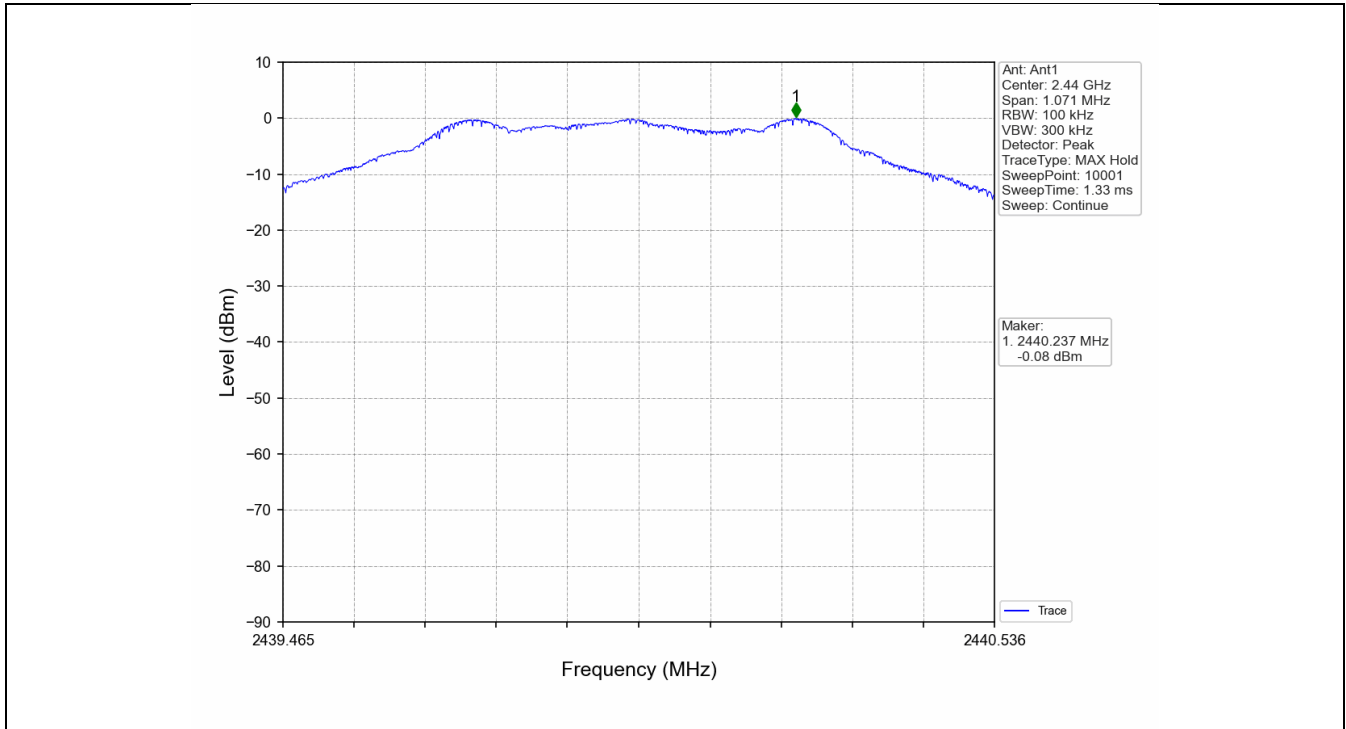
#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
1M	SISO	2402	1	-0.33
		2440	1	-0.08
		2480	1	0.81

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.

#### 5.1.2 Test Graph





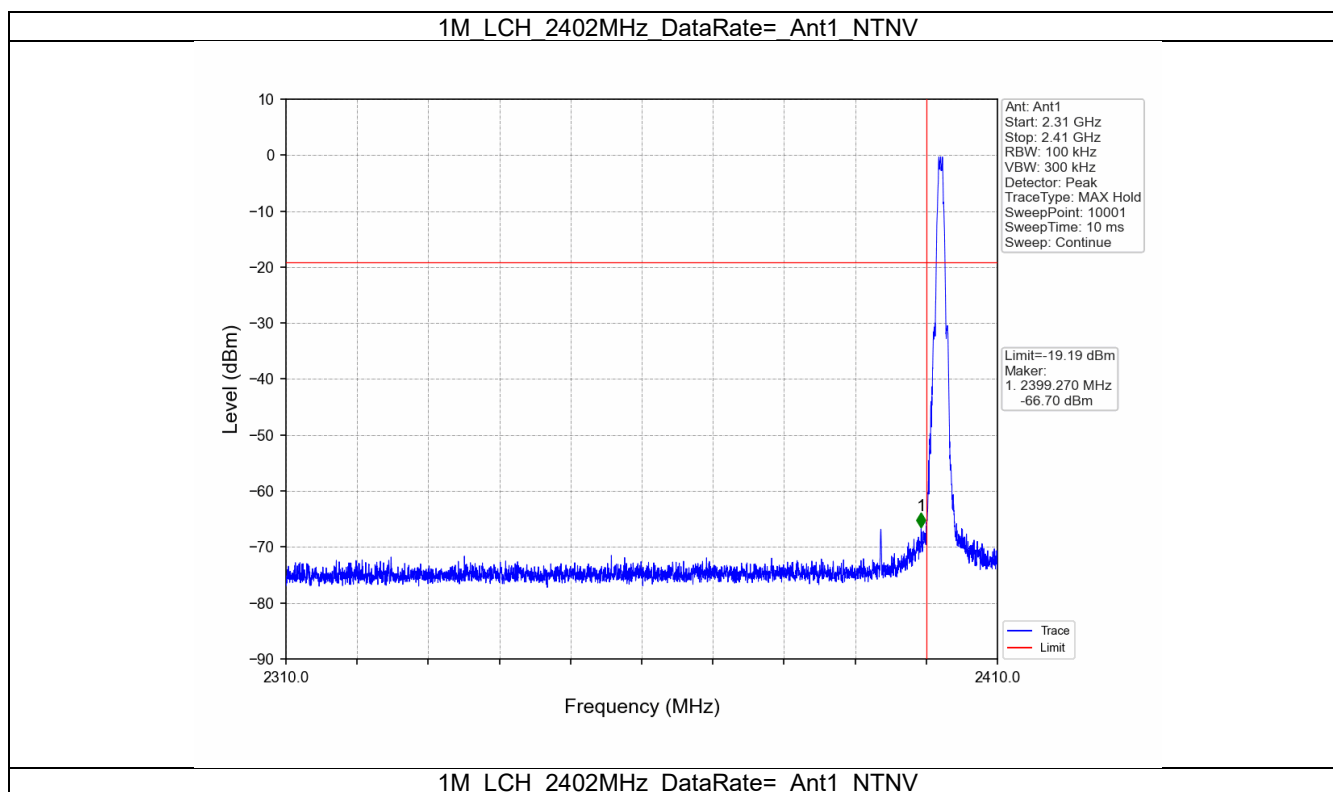
## 5.2 CSE

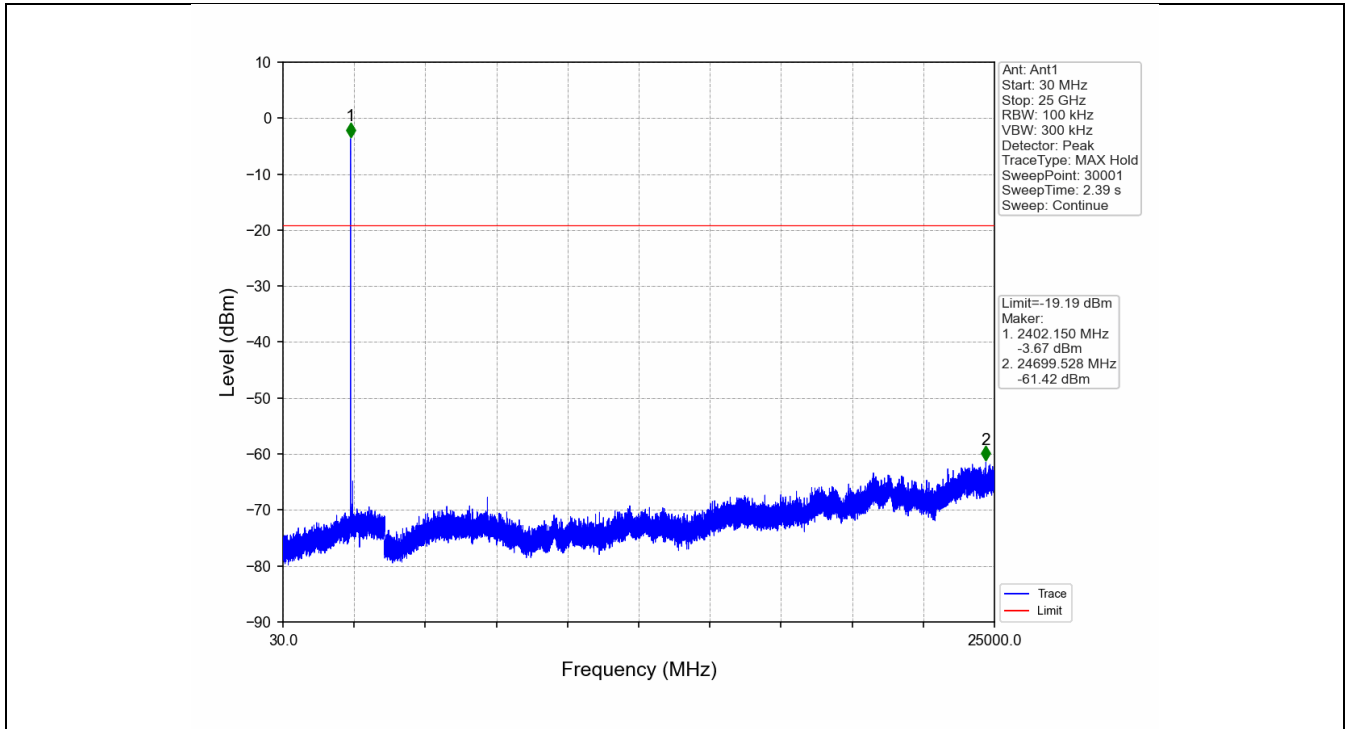
### 5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	0.81	-19.19	Pass
		2440	1	0.81	-19.19	Pass
		2480	1	0.81	-19.19	Pass

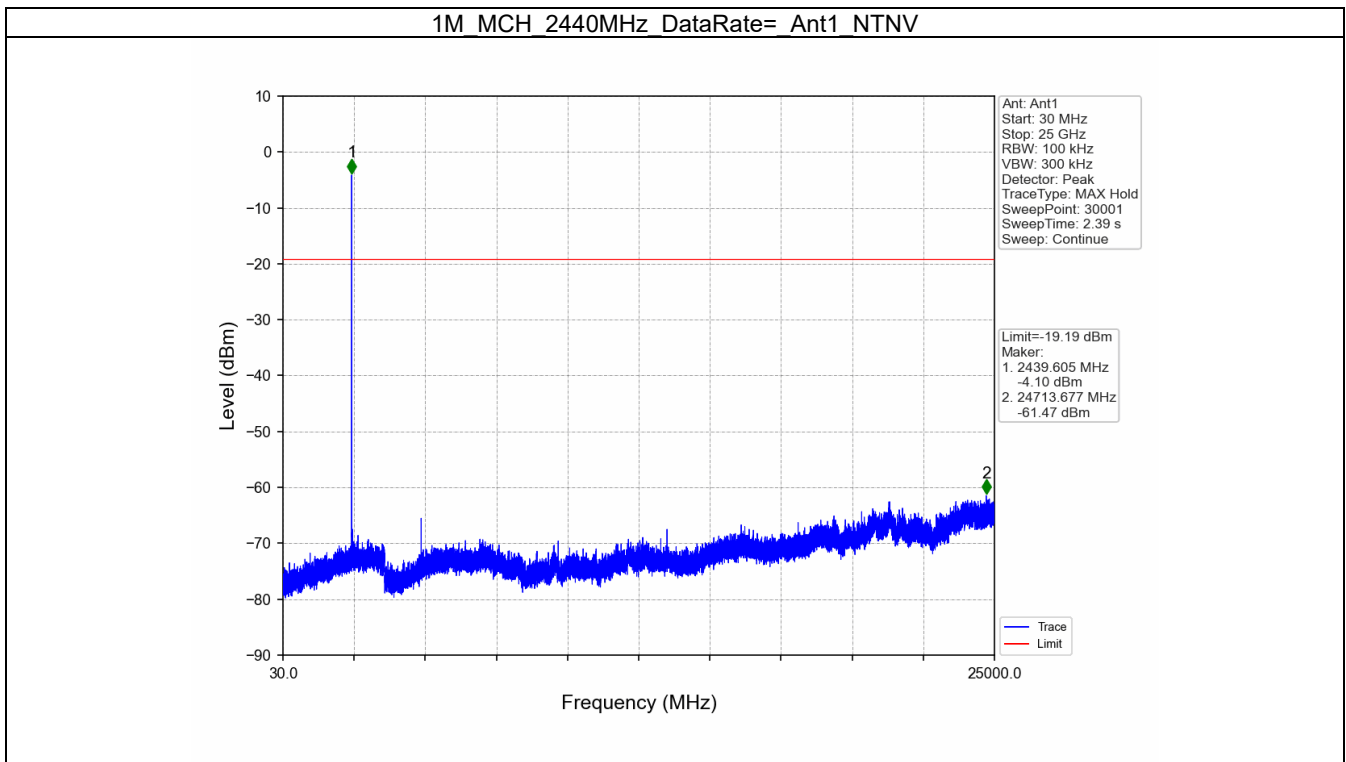
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

### 5.2.2 Test Graph





1M MCH 2440MHz DataRate= Ant1 NTN



1M HCH 2480MHz DataRate= Ant1 NTN

