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## Appendix C for KSCR220500077503

- 1. Duty Cycle
- 1.1 Ant1

#### 1.1.1 Test Result

	Ant1								
Mode	TX	Frequency	T_on	Period	Duty Cycle	Duty Cycle	Max. DC		
	Type	(MHz)	(ms)	(ms)	(%)	Correction Factor (dB)	Variation (%)		
1M		2402	0.384	1.250	30.72	5.13	0.03		
	SISO	2440	0.384	1.249	30.74	5.12	0.03		
		2480	0.384	1.251	30.70	5.13	0.03		
		2402	0.211	1.250	16.88	7.73	0.03		
2M	SISO	2440	0.211	1.250	16.88	7.73	0.01		
		2480	0.211	1.251	16.87	7.73	0.03		



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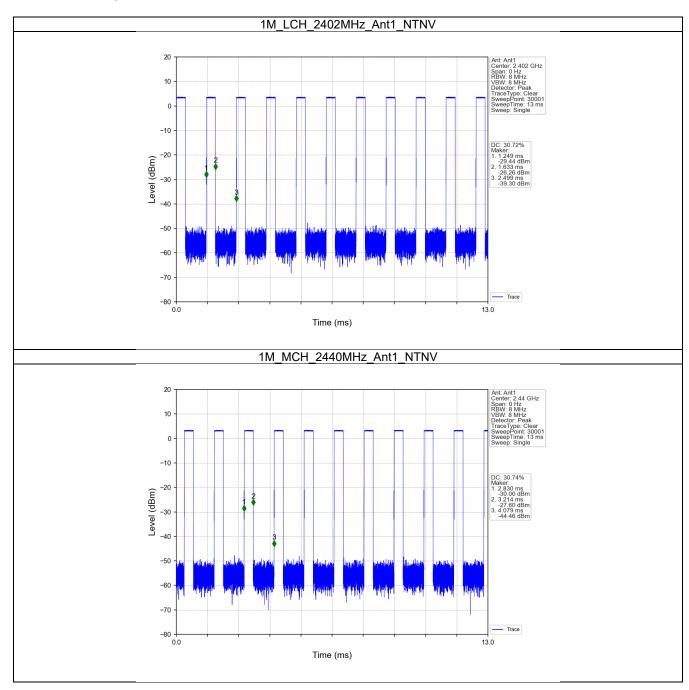
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### 1.1.2 Test Graph





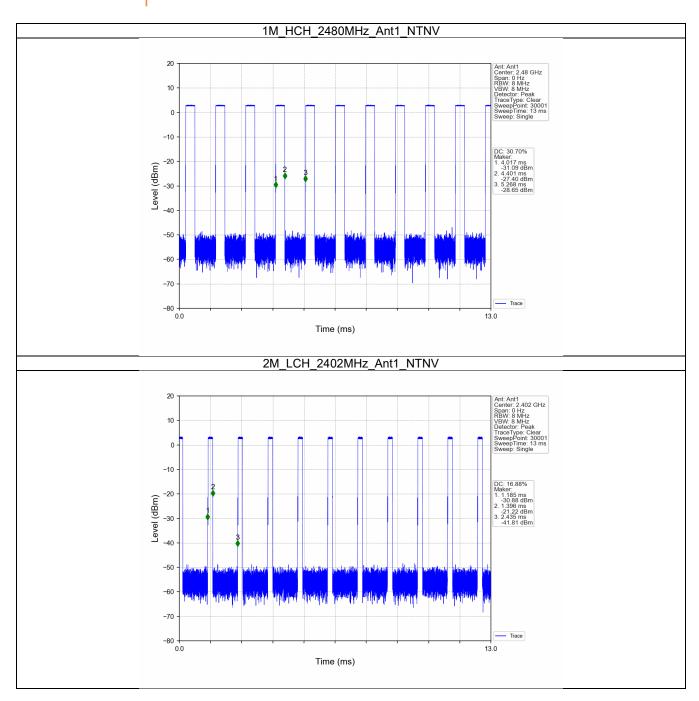
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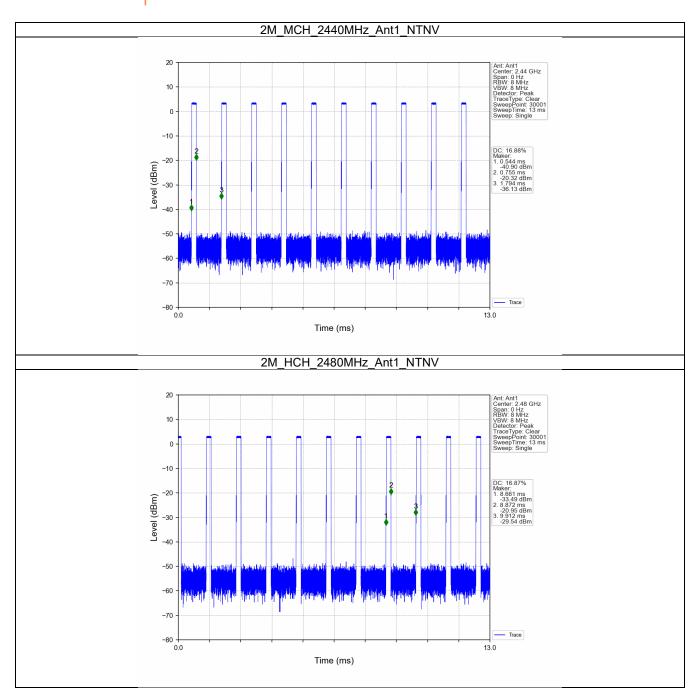
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### 2. Bandwidth

#### 2.1 OBW

#### 2.1.1 Test Result

Mode	TX	' '	ANT	99% Occupied Bandwidth (MHz)	Verdict
	Type	(MHz)		Result	Volulot
		2402	1	1.053	Pass
1M	SISO	2440	1	1.052	Pass
		2480	1	1.053	Pass
		2402	1	2.043	Pass
2M	SISO	2440	1	2.044	Pass
		2480	1	2.037	Pass



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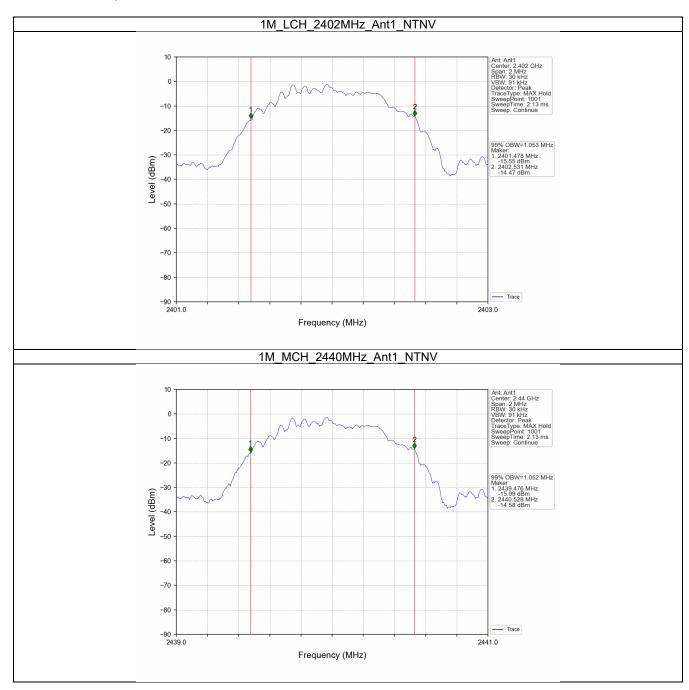
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### 2.1.2 Test Graph





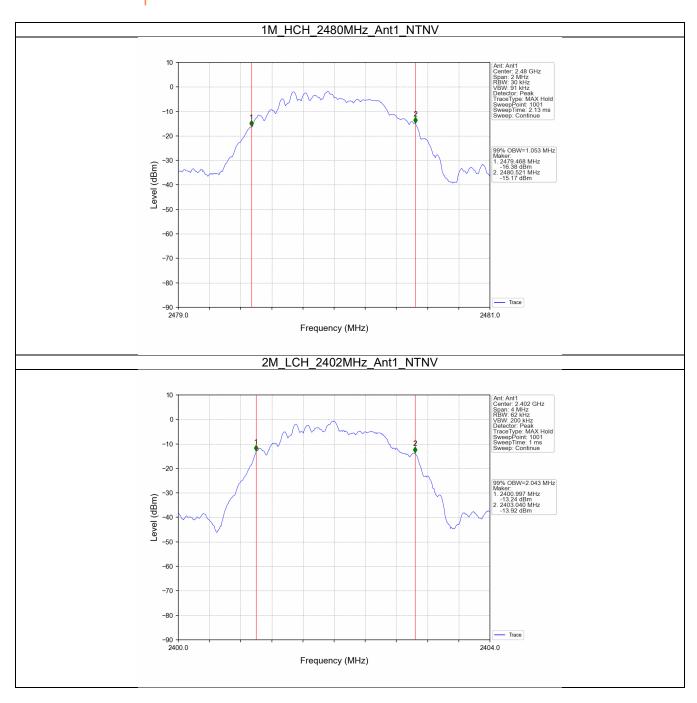
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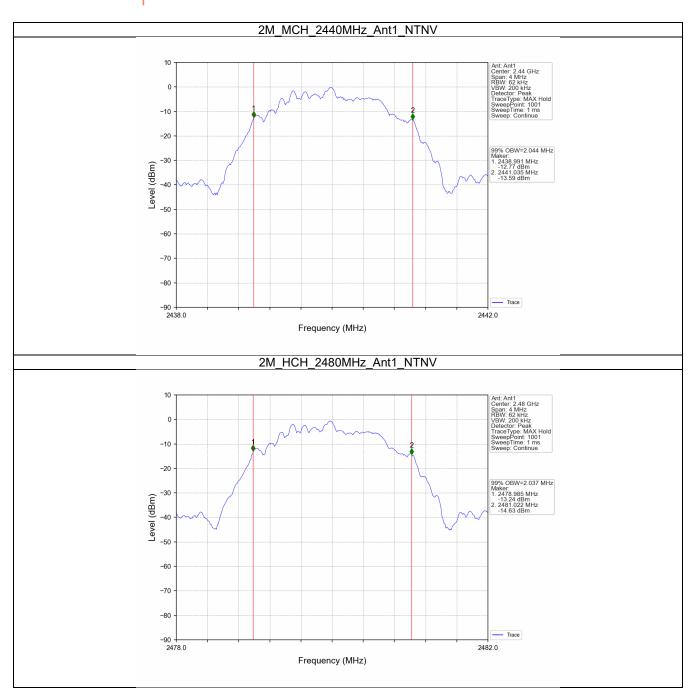
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#### 2.2 6dB BW

#### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
			ANI	Result	Limit	verdict
		2402	1	0.720	>=0.5	Pass
1M	SISO	2440	1	0.718	>=0.5	Pass
		2480	1	0.721	>=0.5	Pass
2M	SISO	2402	1	1.245	>=0.5	Pass
		2440	1	1.246	>=0.5	Pass
		2480	1	1.247	>=0.5	Pass



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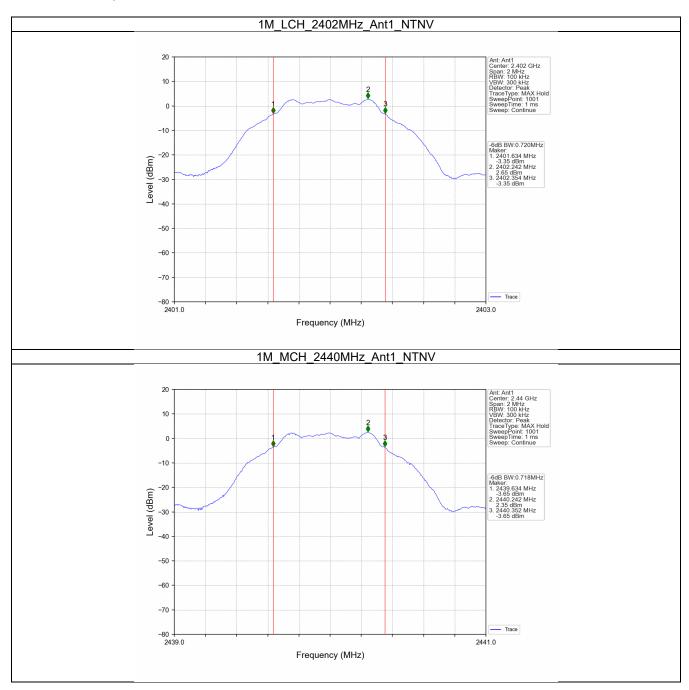
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### 2.2.2 Test Graph





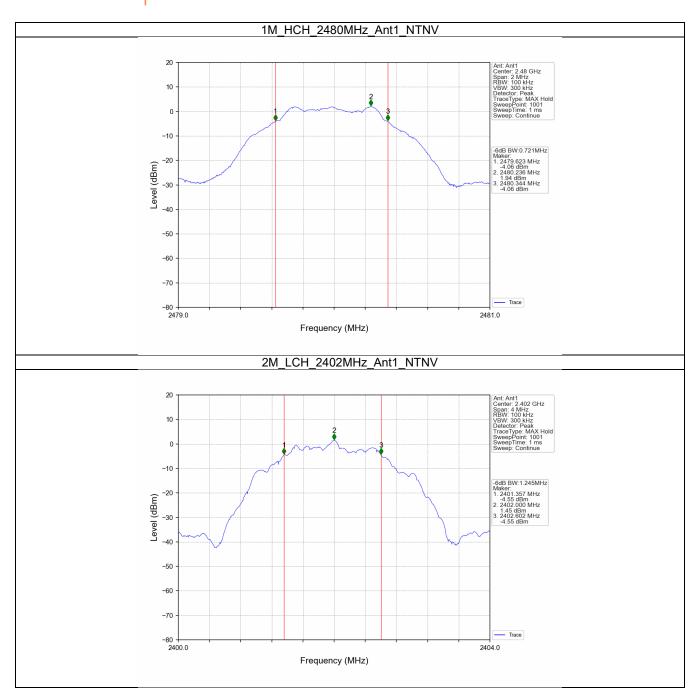
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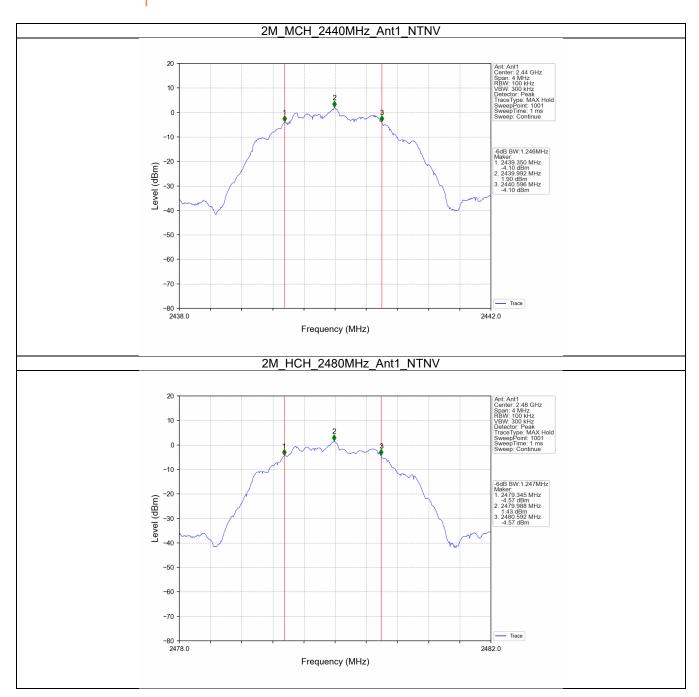
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## 3. Maximum Conducted Output Power

#### 3.1 Power

#### 3.1.1 Test Result

Mode	TX	Frequency	Maximum Peak Conduct	Vardiet	
Mode	Type	(MHz)	ANT1	Limit	Verdict
		2402	3.72	<=30	Pass
1M	SISO	2440	3.35	<=30	Pass
		2480	2.94	<=30	Pass
		2402	3.11	<=30	Pass
2M	SISO	2440	3.45	<=30	Pass
		2480	3.06	<=30	Pass Pass Pass



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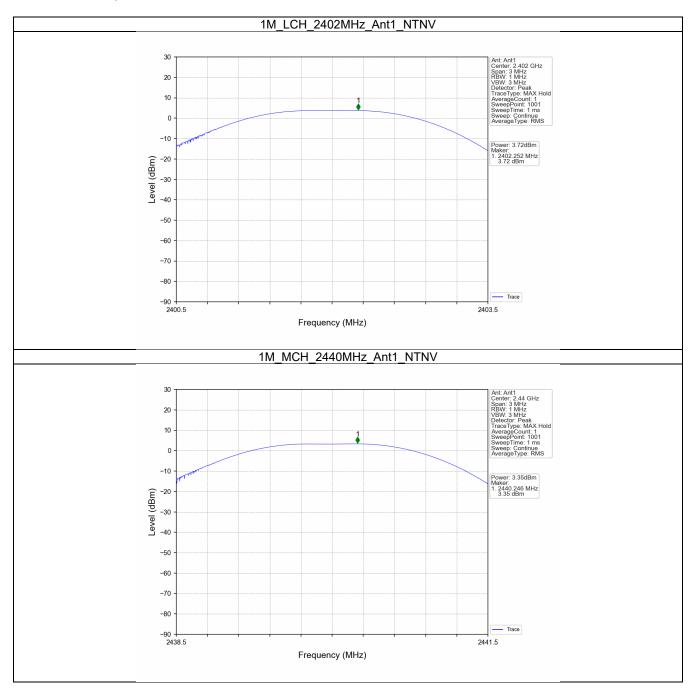
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### 3.1.2 Test Graph





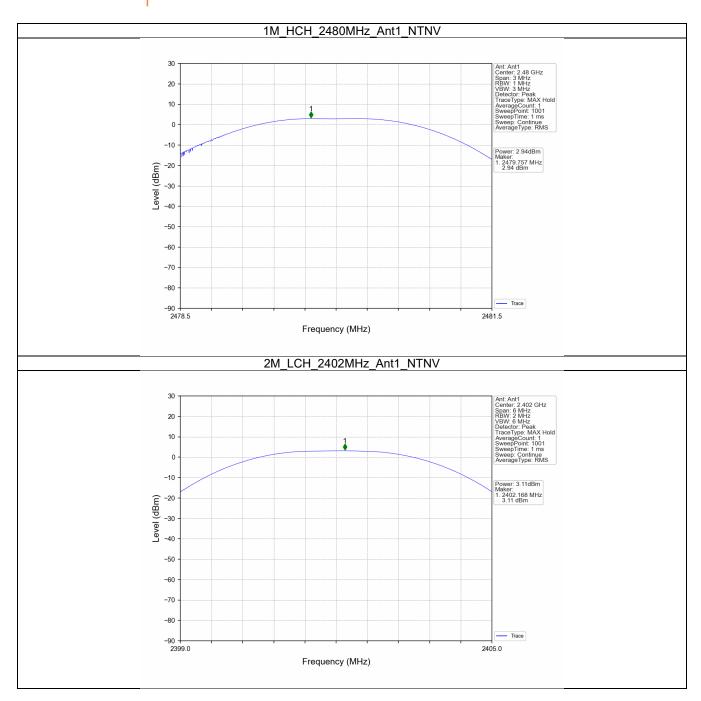
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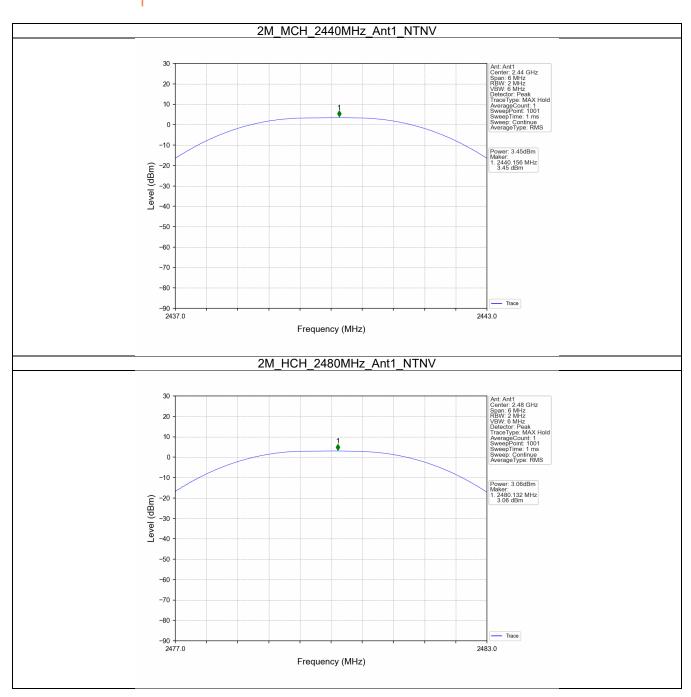
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# 4. Maximum Power Spectral Density

### 4.1 PSD

### 4.1.1 Test Result

Mode	TX	Frequency	Maximum PS	Verdict	
	Type	(MHz)	ANT1	Limit	Verdict
1M		2402	-11.74	<=8	Pass
	SISO	2440	-12.10	<=8	Pass
		2480	-12.44	<=8	Pass
2M		2402	-14.72	<=8	Pass
	SISO	2440	-14.34	<=8	Pass
		2480	-14.72	<=8	Pass



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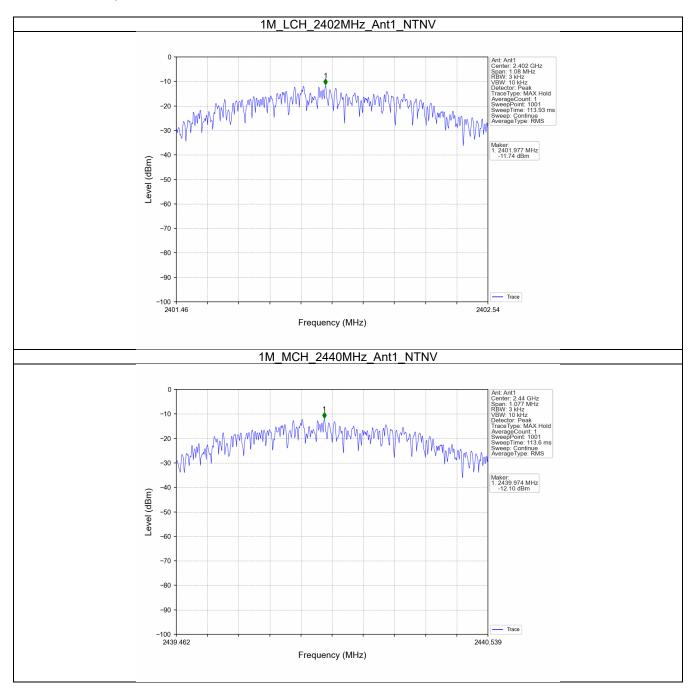
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### 4.1.2 Test Graph





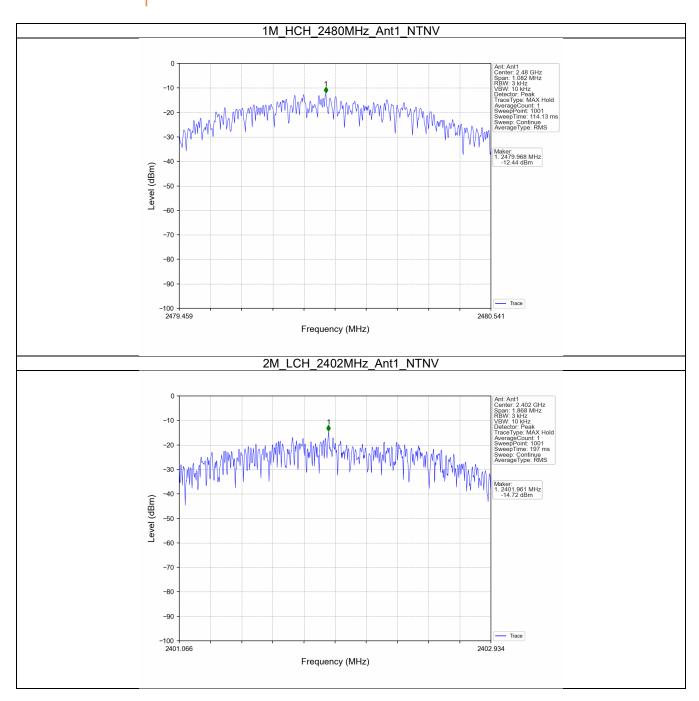
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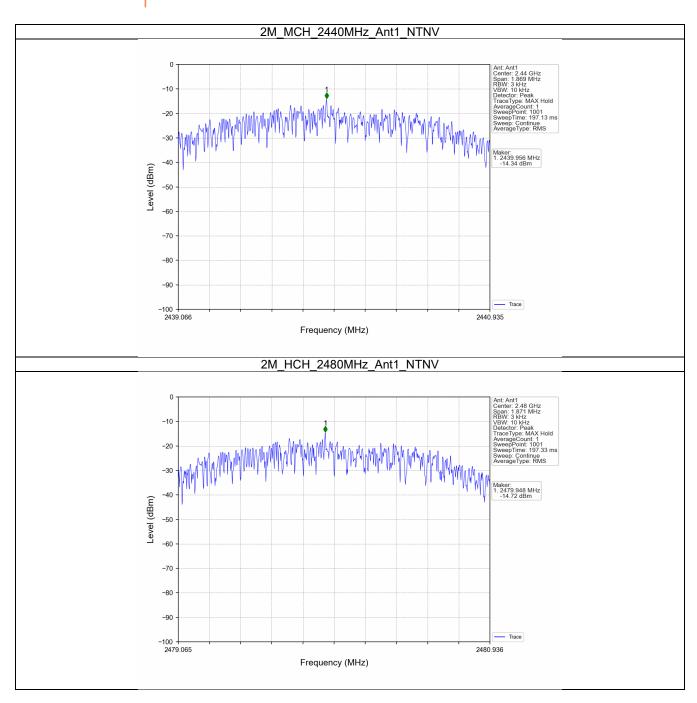
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## 5. Unwanted Emissions In Non-restricted Frequency Bands

#### 5.1 Ref

#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
		2402	1	2.70
1M	SISO	2440	1	2.36
		2480	1	1.93
	SISO	2402	1	1.50
2M		2440	1	1.95
		2480	1	1.50

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.



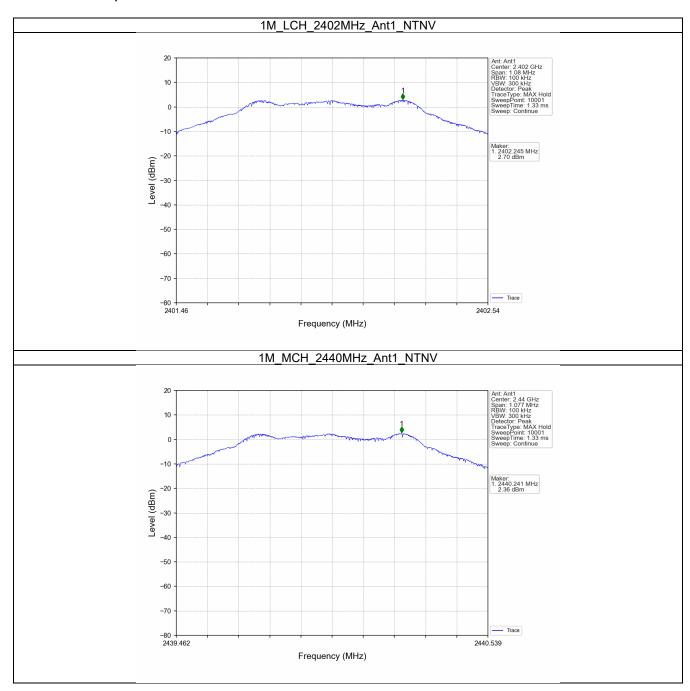
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### 5.1.2 Test Graph





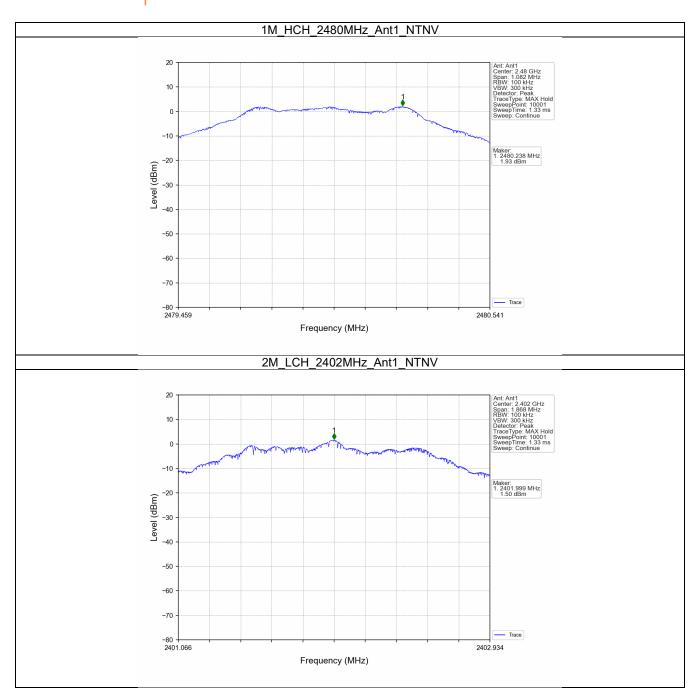
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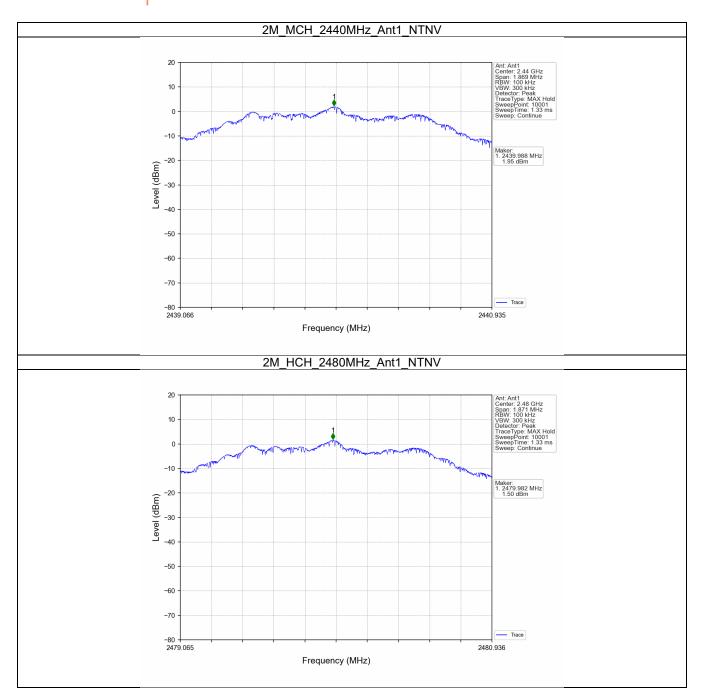
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### 5.2 CSE

#### 5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
		2402	1	2.70	-17.30	Pass
1M	SISO	2440	1	2.70	-17.30	Pass
		2480	1	2.70	-17.30	Pass
	SISO	2402	1	1.95	-18.05	Pass
2M		2440	1	1.95	-18.05	Pass
		2480	1	1.95	-18.05	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.



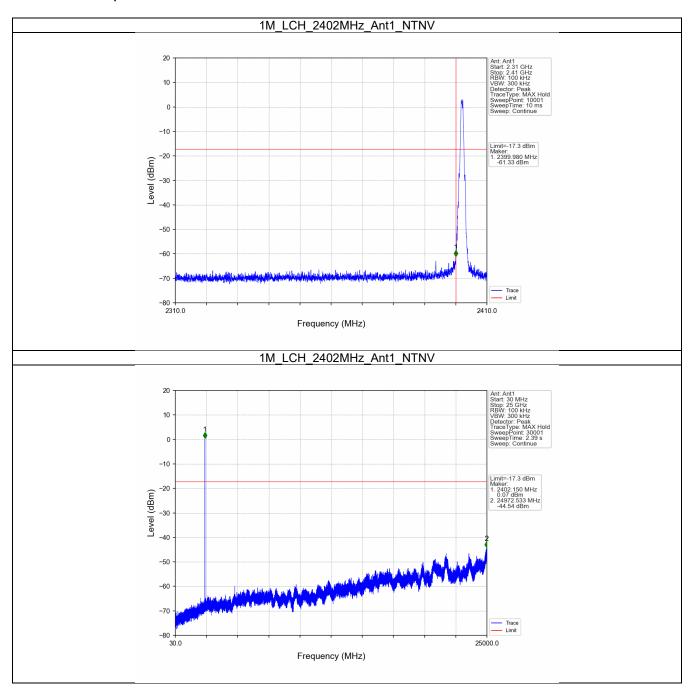
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### 5.2.2 Test Graph





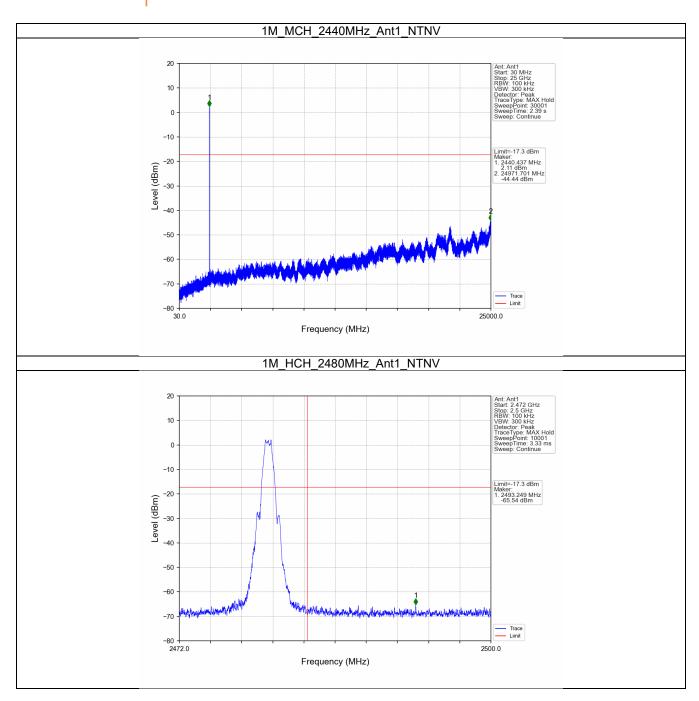
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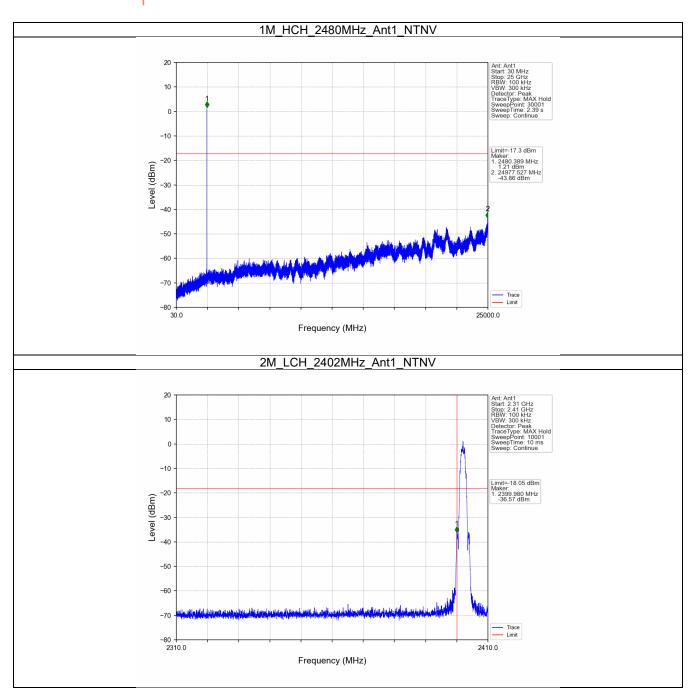
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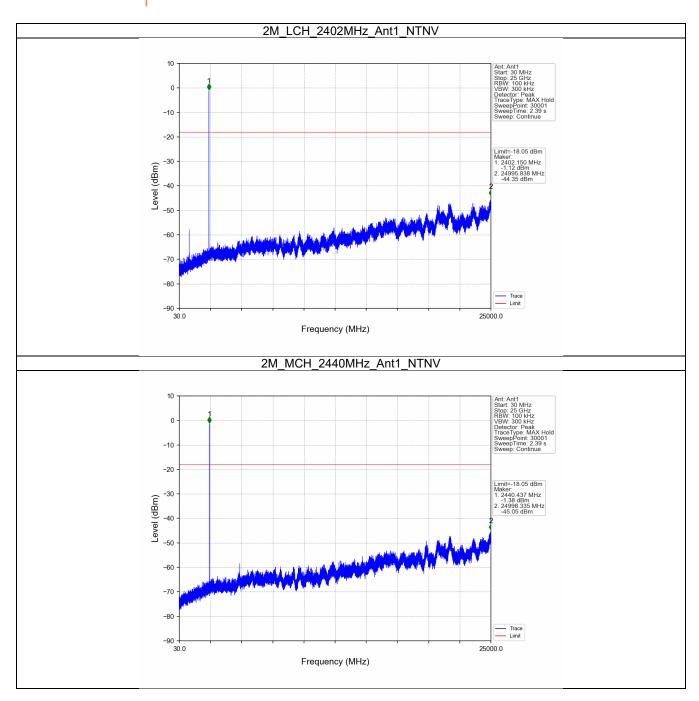
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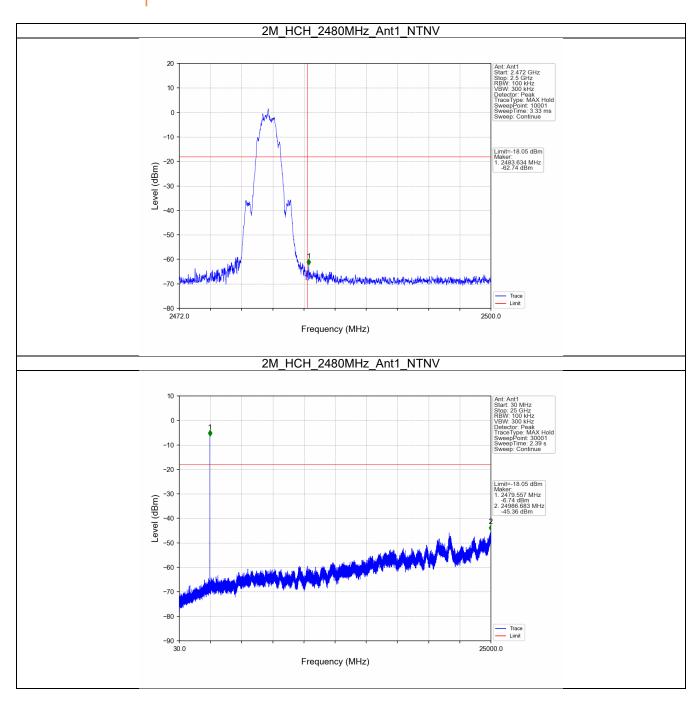
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