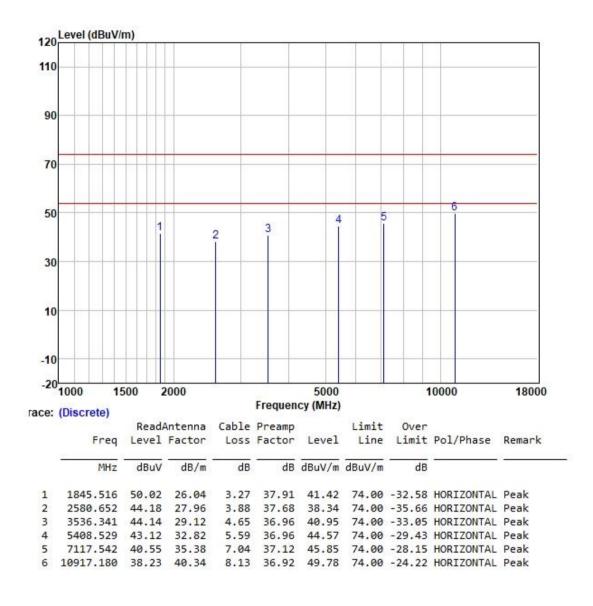


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Test Mode: 00; Polarity: Horizontal; Modulation: 802.11ah; Bandwidth: 4MHz; Channel: High





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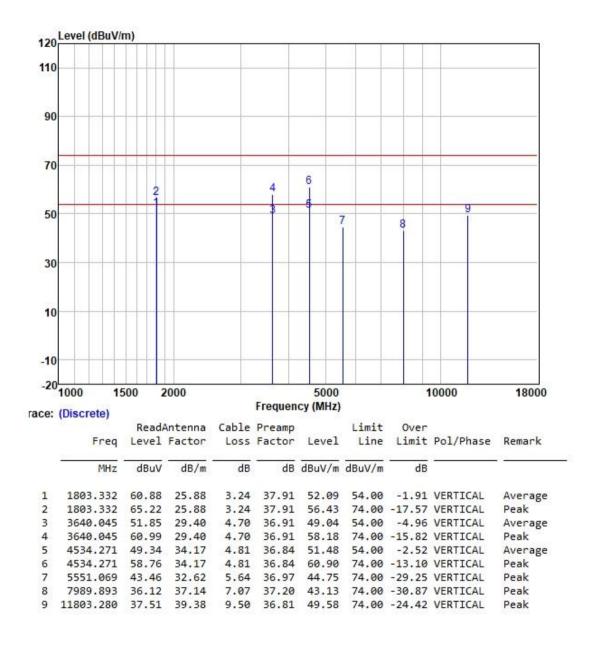
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Test Mode: 00; Polarity: Vertical; Modulation: 802.11ah; Bandwidth:8MHz; Channel:Low





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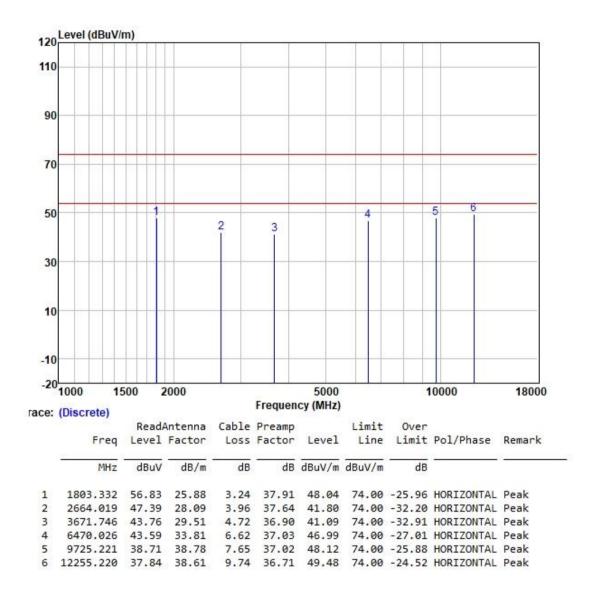
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Test Mode: 00; Polarity: Horizontal; Modulation: 802.11ah; Bandwidth:8MHz; Channel:Low





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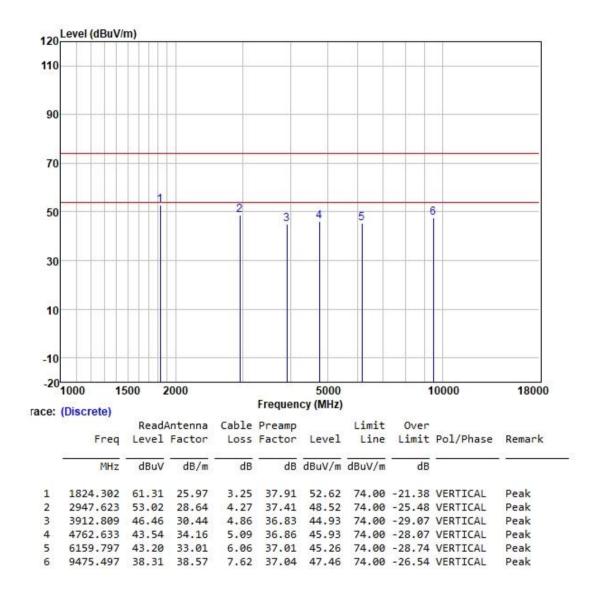
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Test Mode: 00; Polarity: Vertical; Modulation: 802.11ah; Bandwidth:8MHz; Channel:middle





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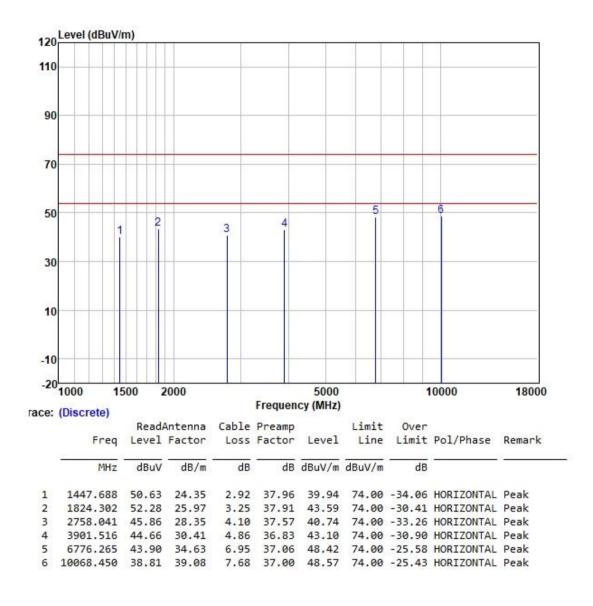
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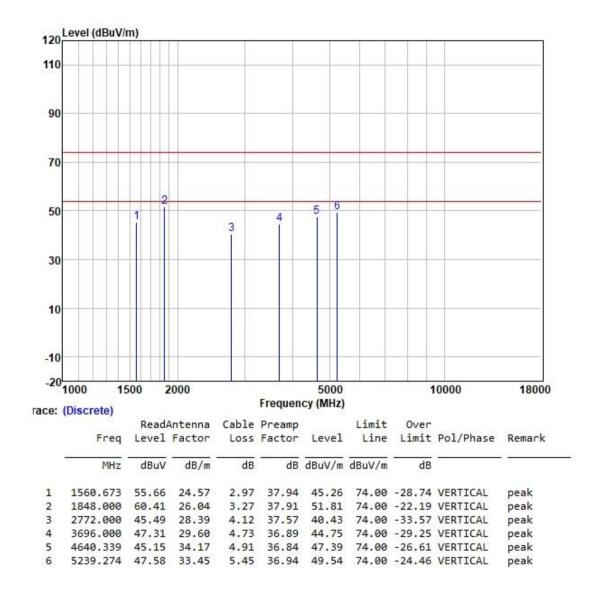
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Test Mode: 00; Polarity: Vertical; Modulation: 802.11ah; Bandwidth:8MHz; Channel:High





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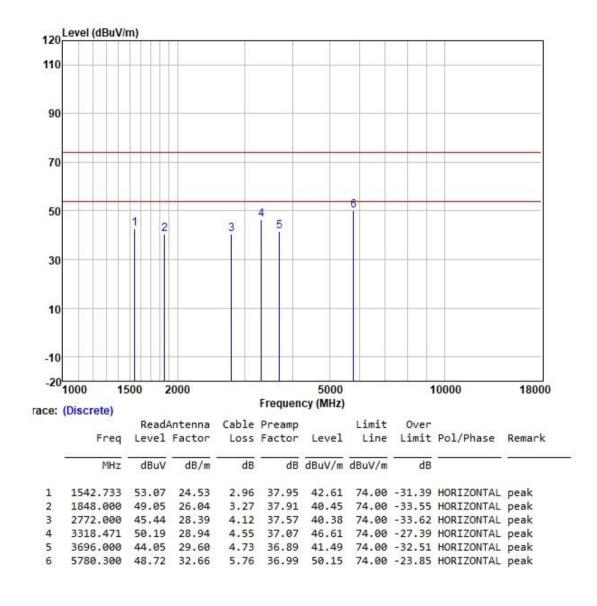
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#### **Test Setup Photo** 8

Refer to Appendix - Test Setup Photo for GZCR230900100902



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#### **EUT Constructional Details (EUT Photos)** 9

Refer to External and Internal Photos for GZCR2309001009AT



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## 10 Appendix

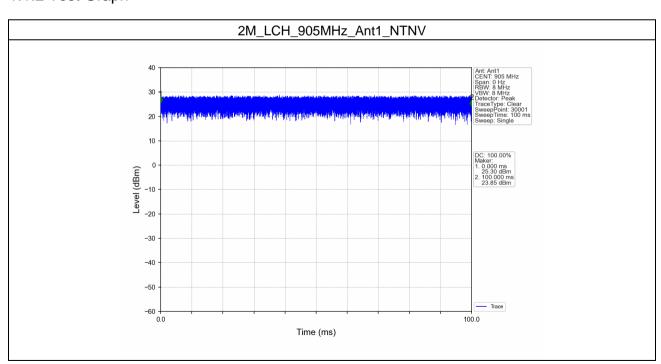
1. Duty Cycle

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 (%)	
2M S		905	100.000	100.000	100.00	0.00	0.00	
	SISO	915	100.000	100.000	100.00	0.00	0.00	
		925	100.000	100.000	100.00	0.00	0.00	
4M	SISO	906	100.000	100.000	100.00	0.00	0.00	
		918	100.000	100.000	100.00	0.00	0.00	
		926	100.000	100.000	100.00	0.00	0.00	
	SISO	908	100.000	100.000	100.00	0.00	0.00	
8M		916	100.000	100.000	100.00	0.00	0.00	
		924	100.000	100.000	100.00	0.00	0.00	

#### 1.1.2 Test Graph





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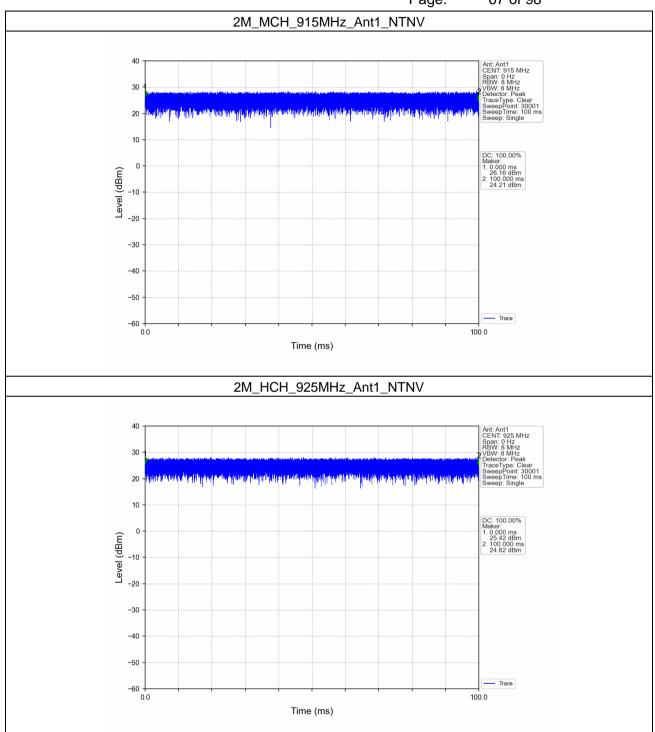
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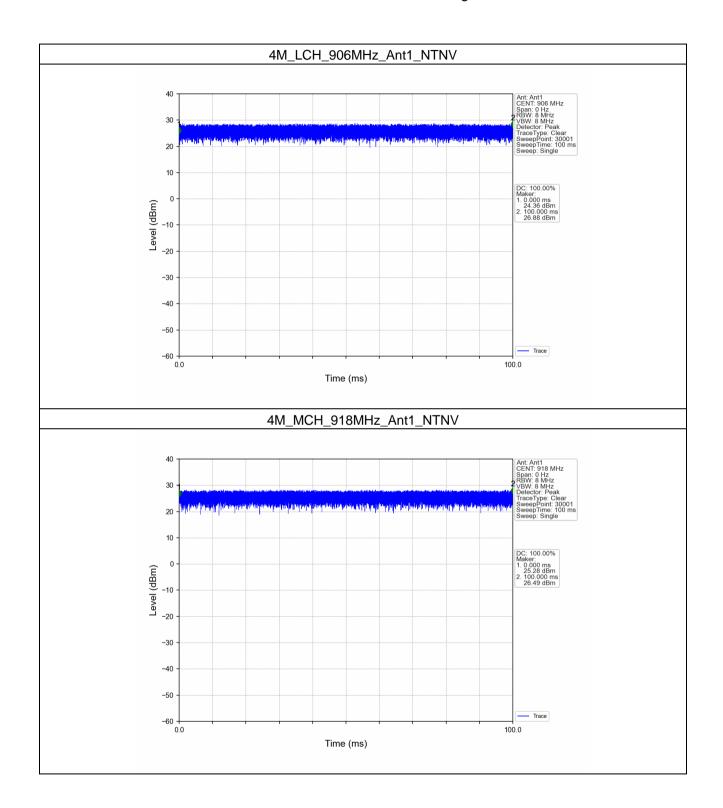
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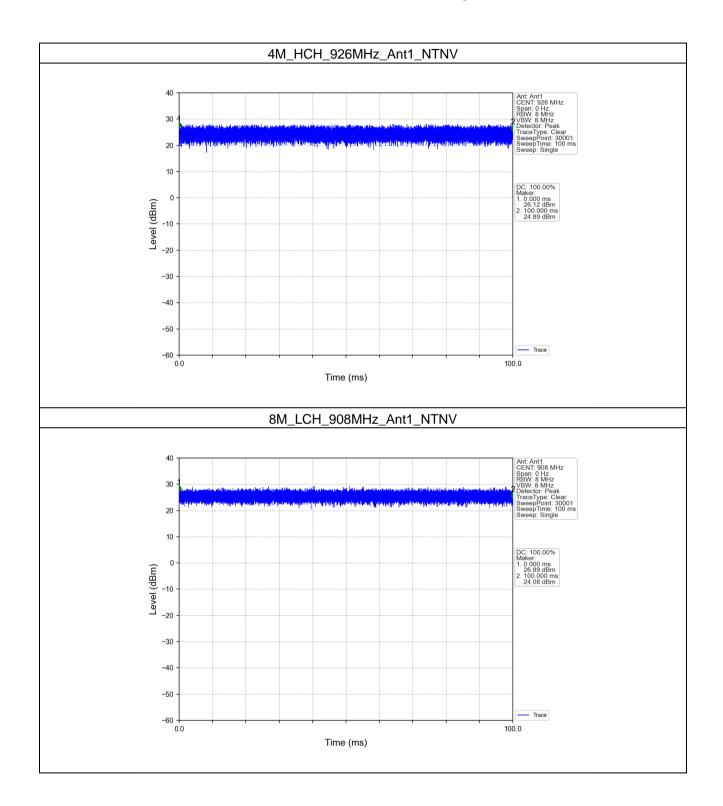
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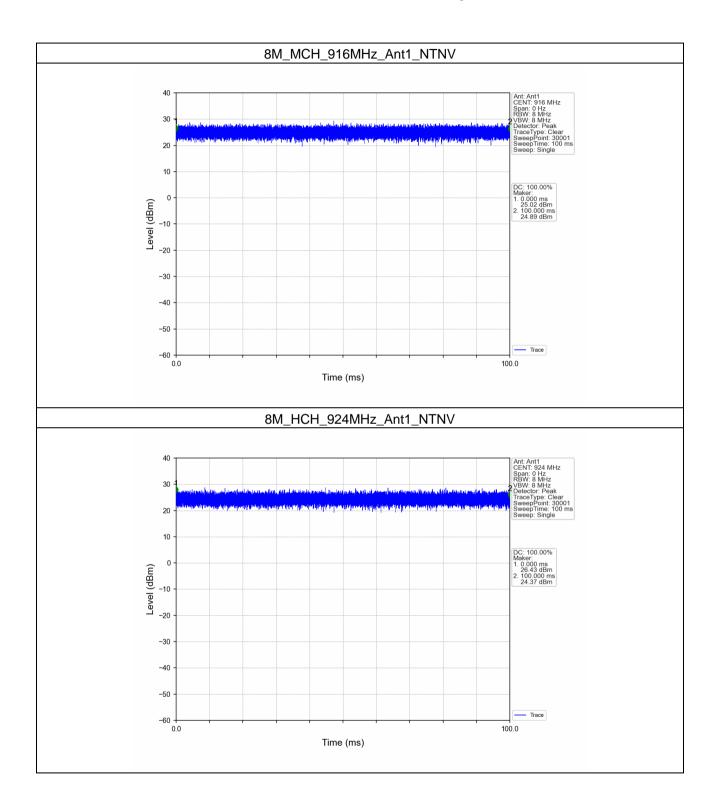
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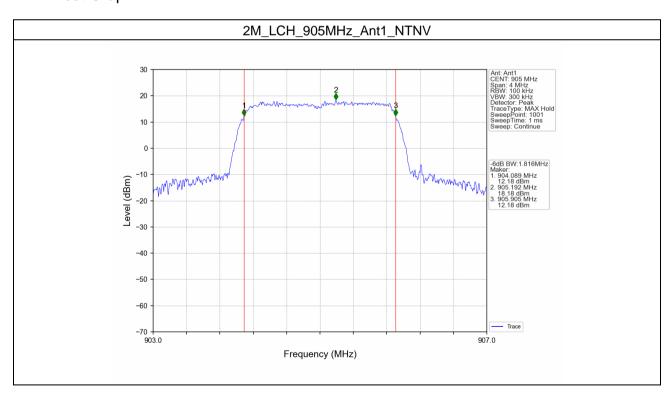
#### 2. Bandwidth

#### 2.1 6dB BW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANIT	6dB Bandv	\/o.rd; o.t			
			ANT	Result	Limit	Verdict		
2M	SISO	905	1	1.816	>=0.5	Pass		
		915	1	1.822	>=0.5	Pass		
		925	1	1.818	>=0.5	Pass		
4M	SISO	906	1	3.689	>=0.5	Pass		
		918	1	3.676	>=0.5	Pass		
		926	1	3.703	>=0.5	Pass		
8M	SISO		9	908	1	7.474	>=0.5	Pass
		916	1	7.621	>=0.5	Pass		
		924	1	7.451	>=0.5	Pass		

#### 2.1.2 Test Graph





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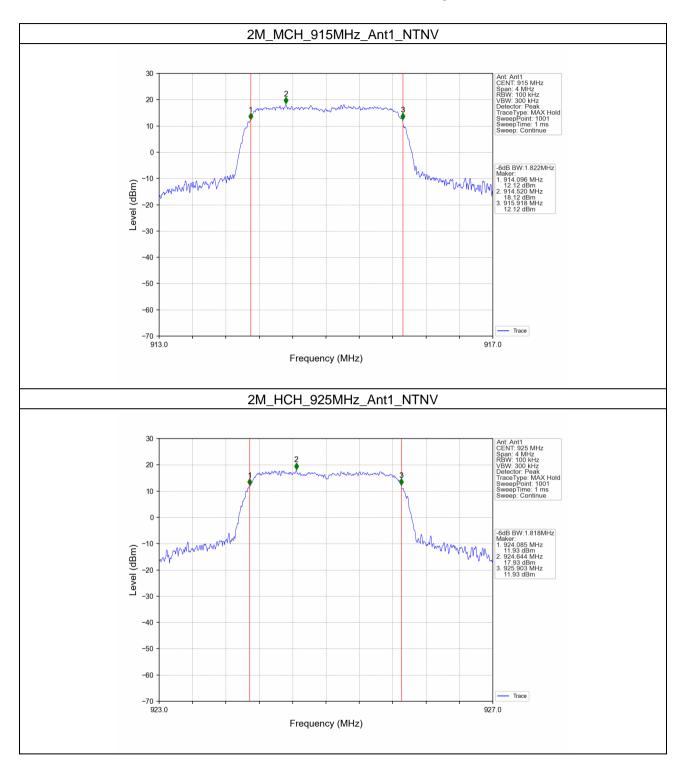
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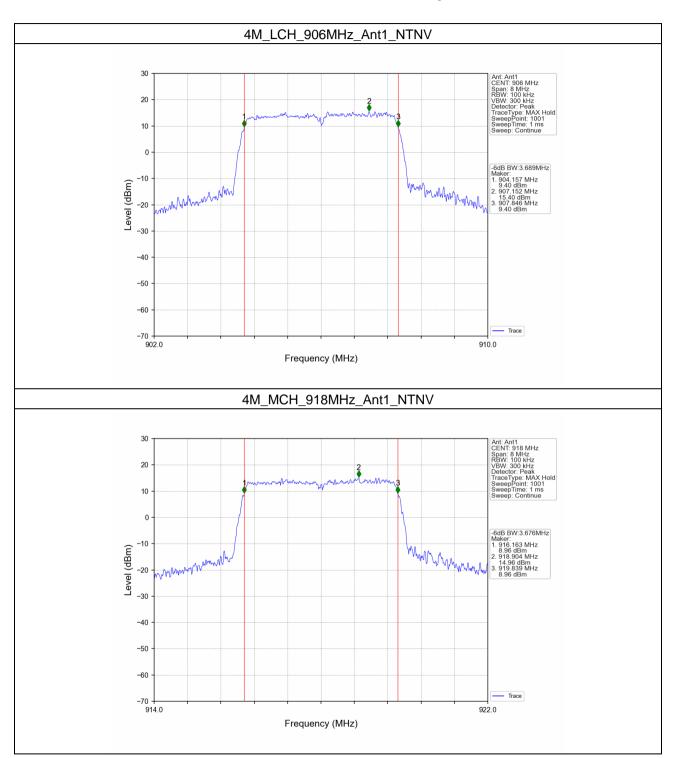
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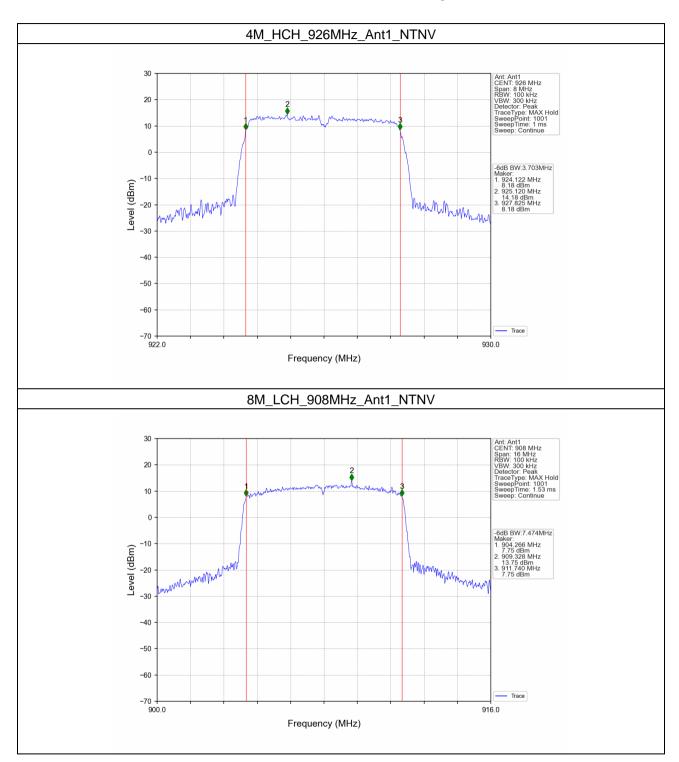
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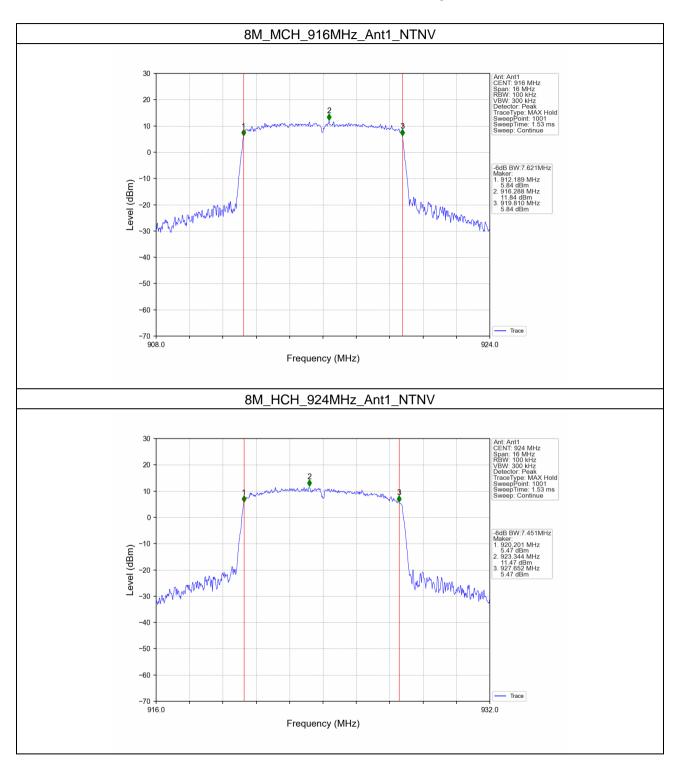
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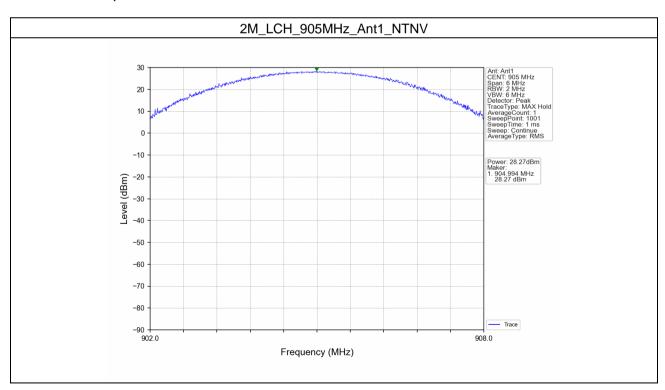
#### 3. Maximum Conducted Output Power

#### 3.1 Power

#### 3.1.1 Test Result

905 915 925 906	ANT1 28.27 28.10 27.75	Limit <=30 <=30 <=30	Pass Pass Pass			
915 925	28.10 27.75	<=30	Pass			
925	27.75	+				
		<=30	Pass			
906						
300	28.40	<=30	Pass			
918	28.07	<=30	Pass			
926	28.00	<=30	Pass			
908	29.58	<=30	Pass			
916	28.93	<=30	Pass			
924	28.97	<=30	Pass			
8M SISO 916 28.93 <=30						

#### 3.1.2 Test Graph





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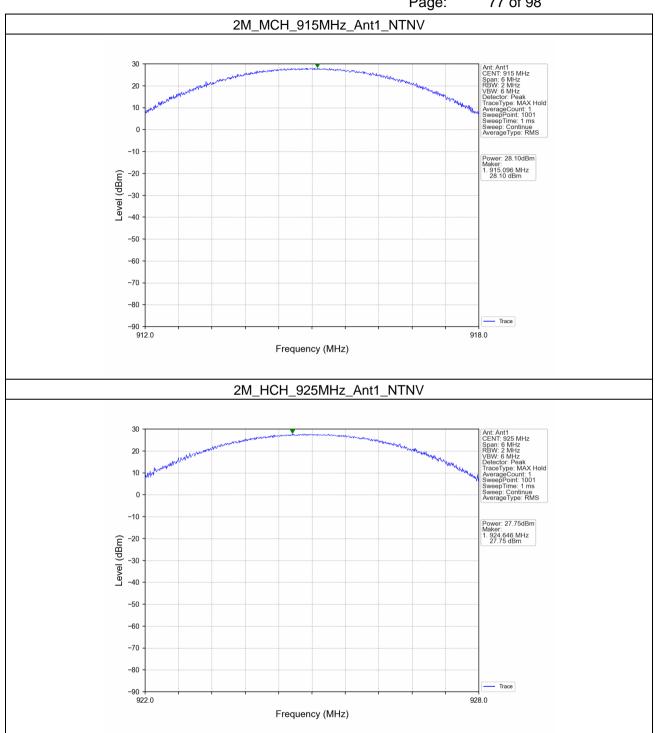
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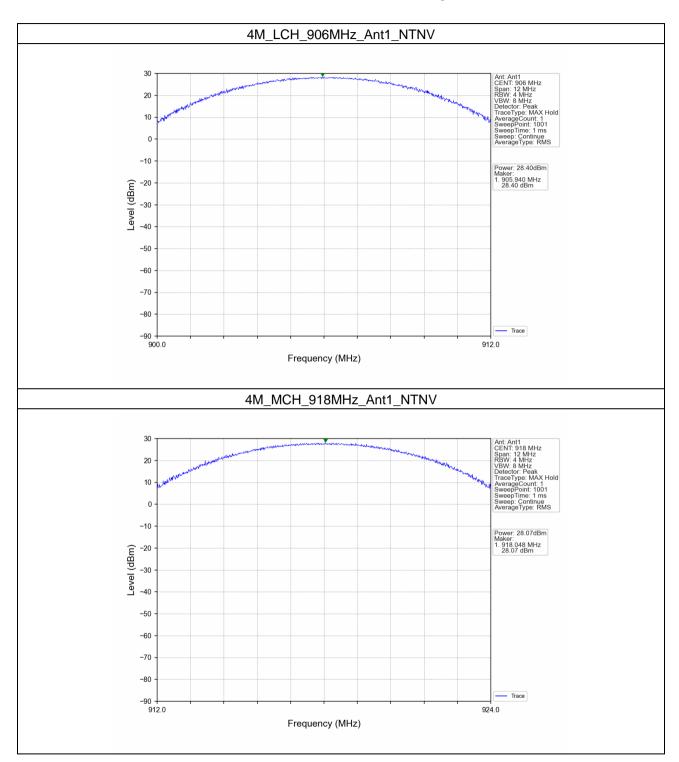
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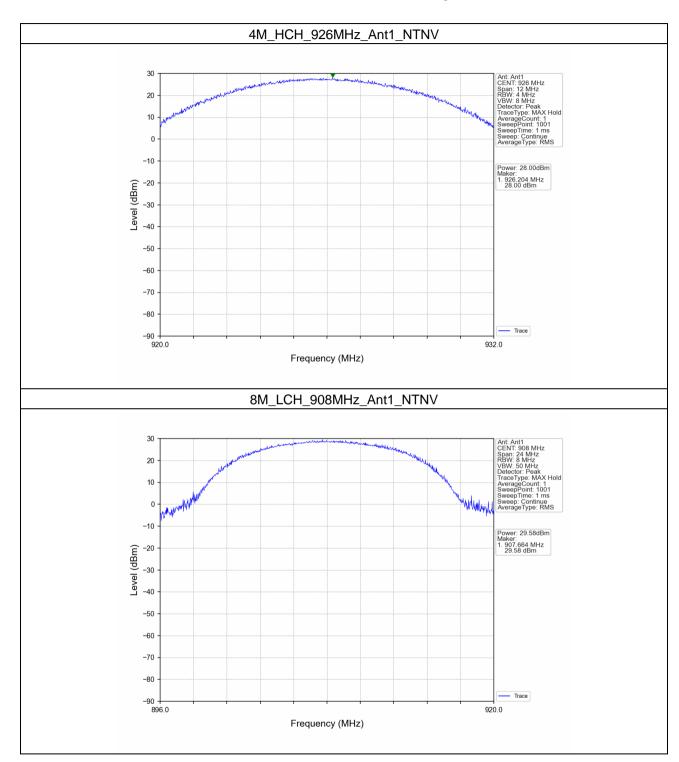
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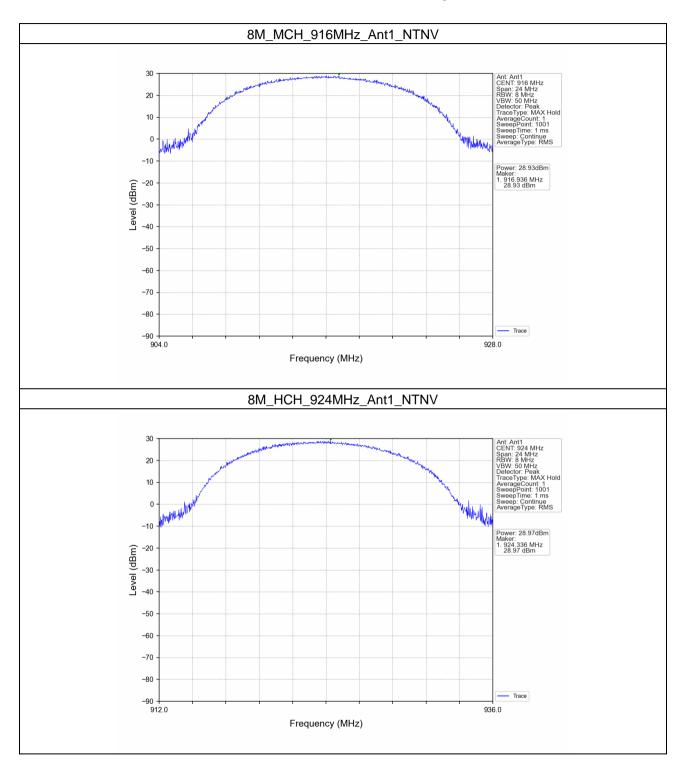
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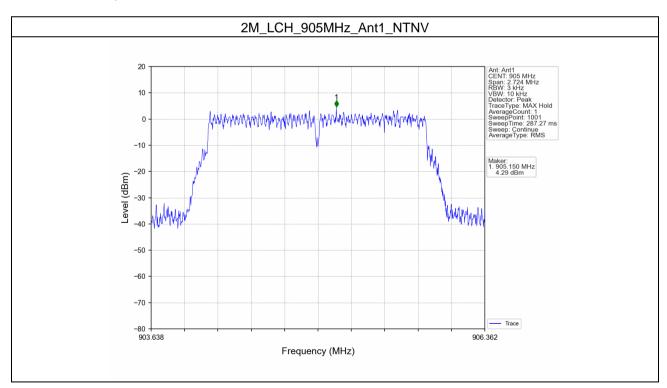
#### 4. Maximum Power Spectral Density

#### 4.1 PSD

#### 4.1.1 Test Result

Mode	TX	Frequency (MHz)	Maximum PS	\/o rdiot			
	Type		ANT1	Limit	Verdict		
		905	4.29	<=8	Pass		
2M	SISO	915	4.41	<=8	Pass		
		925	3.26	<=8	Pass		
4M	SISO	906	0.40	<=8	Pass		
		918	-0.33	<=8	Pass		
		926	-0.32	<=8	Pass		
8M		908	-3.22	<=8	Pass		
	SISO	916	-3.16	<=8	Pass		
		924	-4.36	<=8	Pass		
Note1: Antenna Gain: Ant1: 1.98 dBi;							

#### 4.1.2 Test Graph





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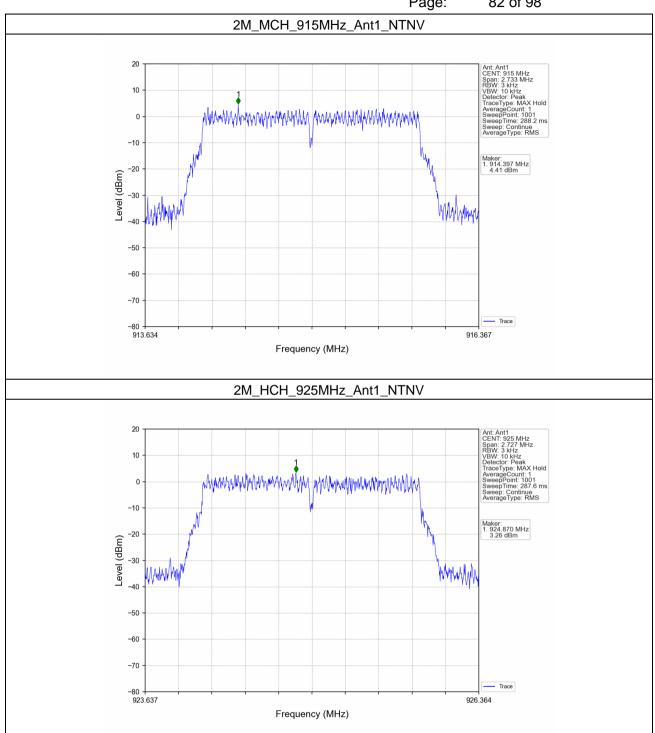
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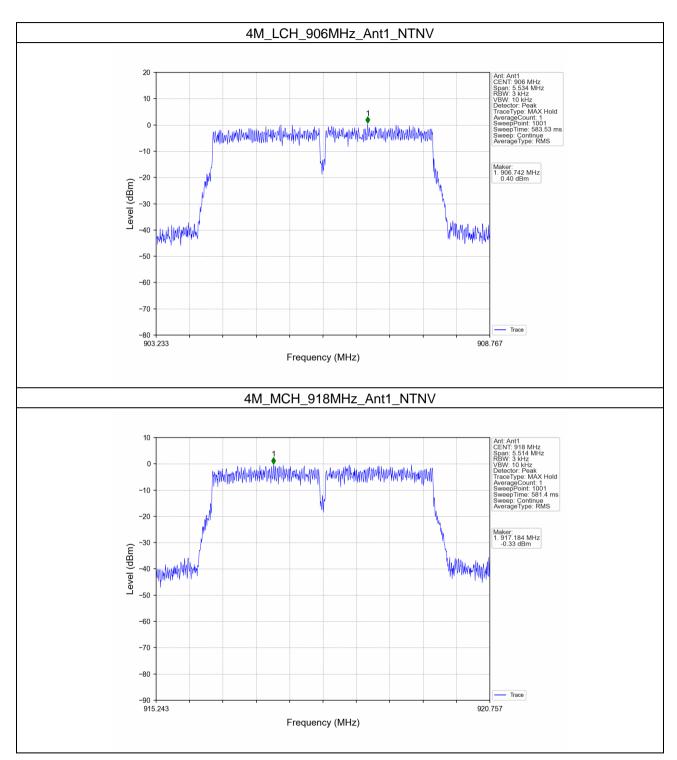
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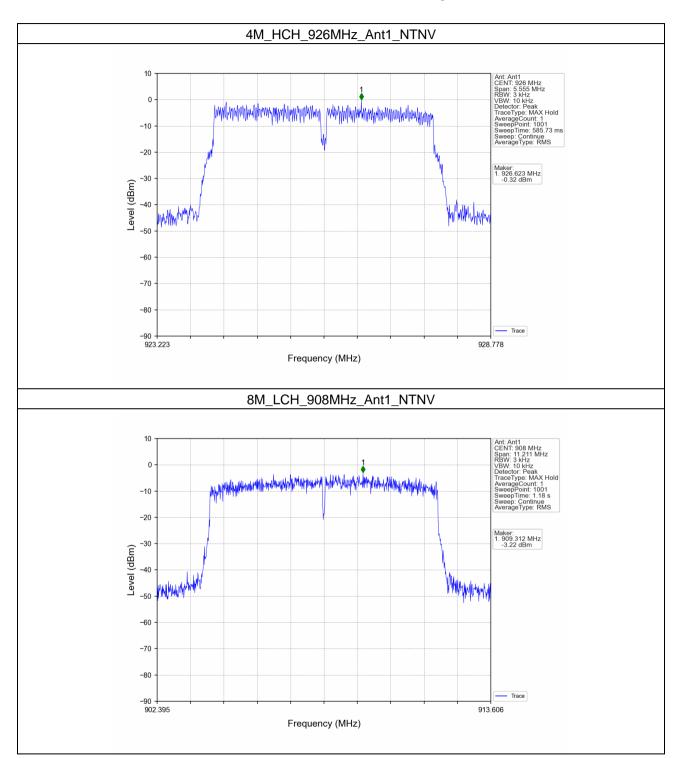
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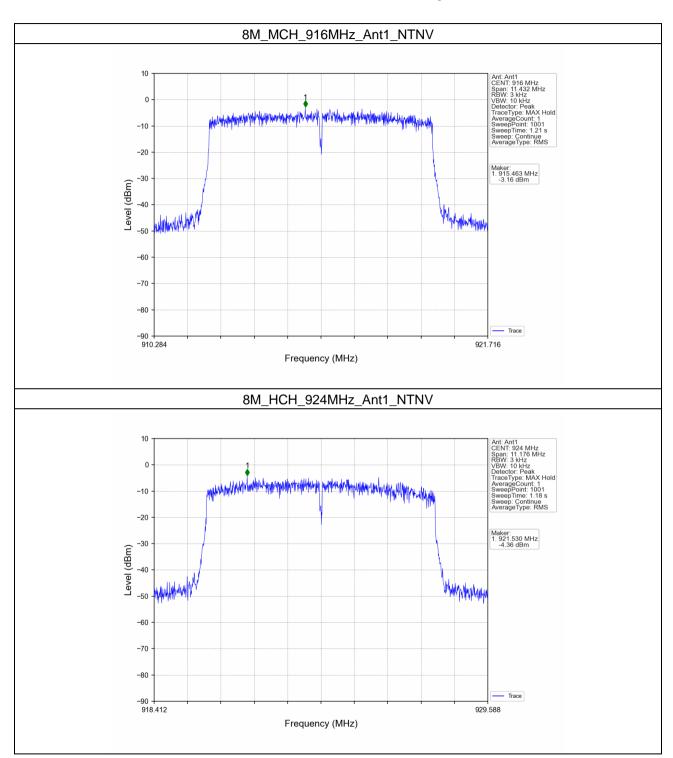
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#### 5. Unwanted Emissions In Non-restricted Frequency Bands

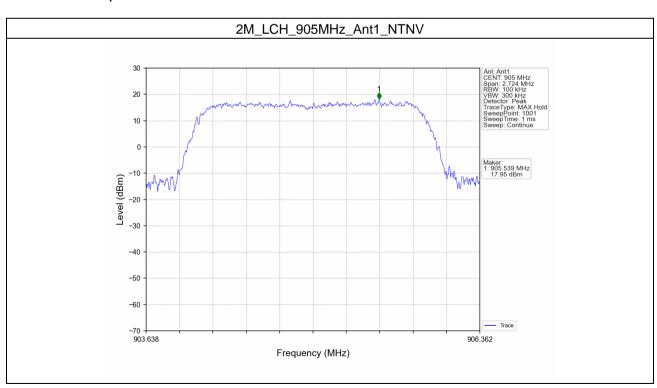
#### 5.1 Ref

#### 5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
		905	1	17.95
2M	SISO	915	1	17.82
		925	1	17.67
		906	1	15.34
4M	SISO	918	1	14.18
		926	1	13.79
		908	1	12.14
8M	SISO	916	1	10.92
		924	1	11.52

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





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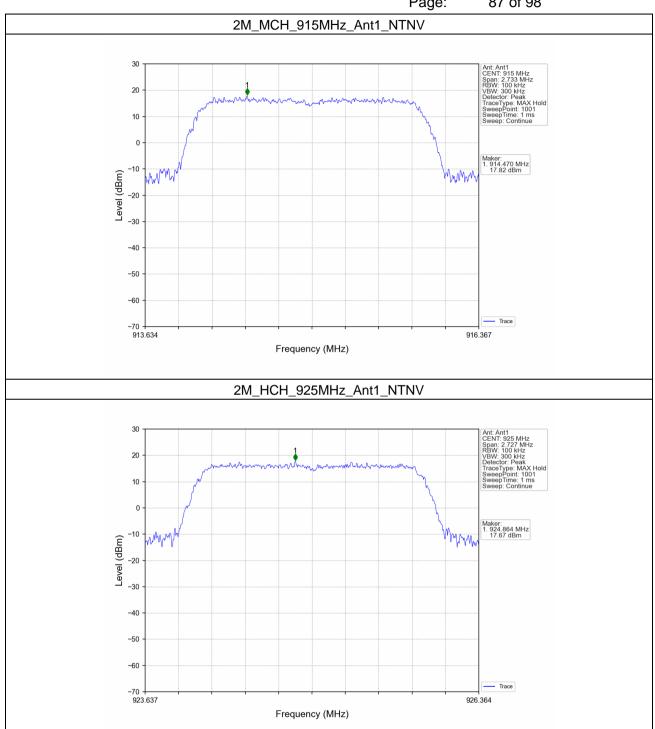
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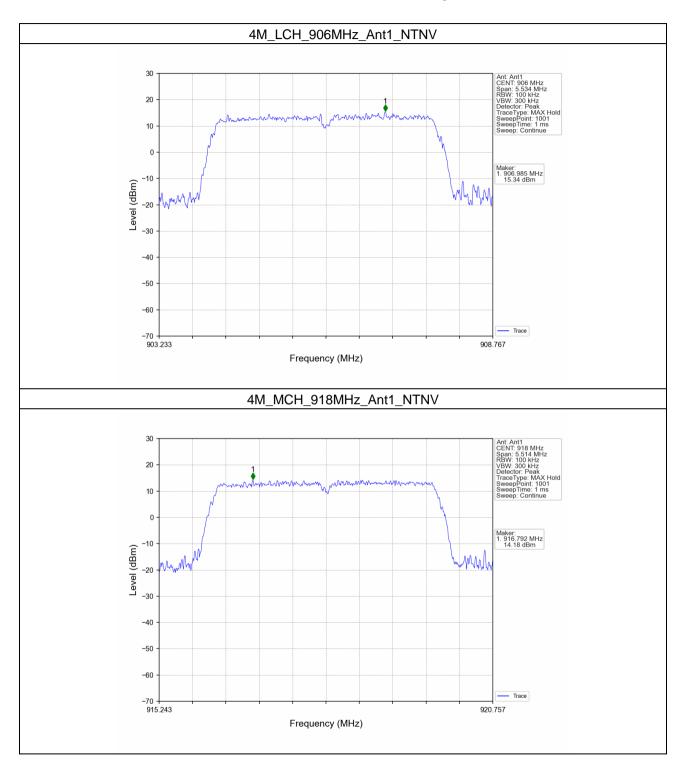
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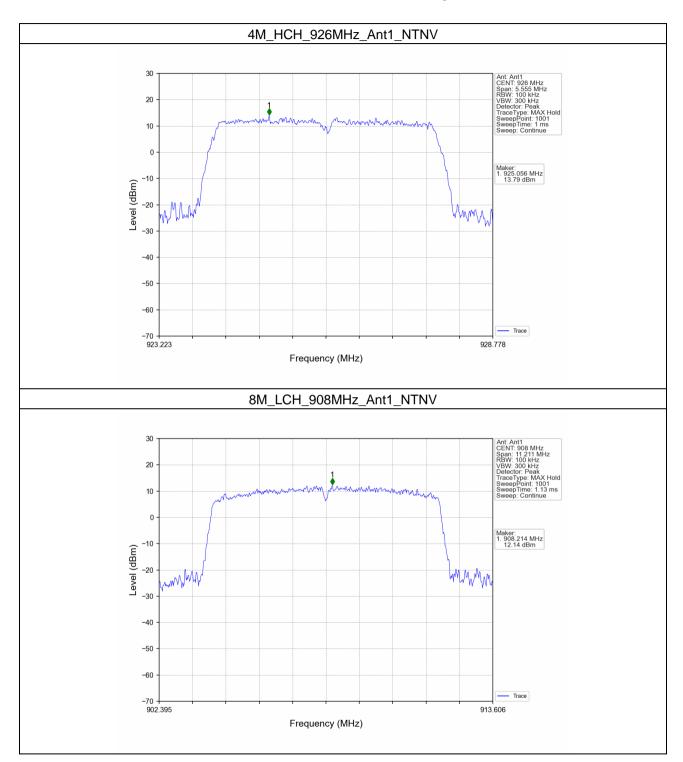
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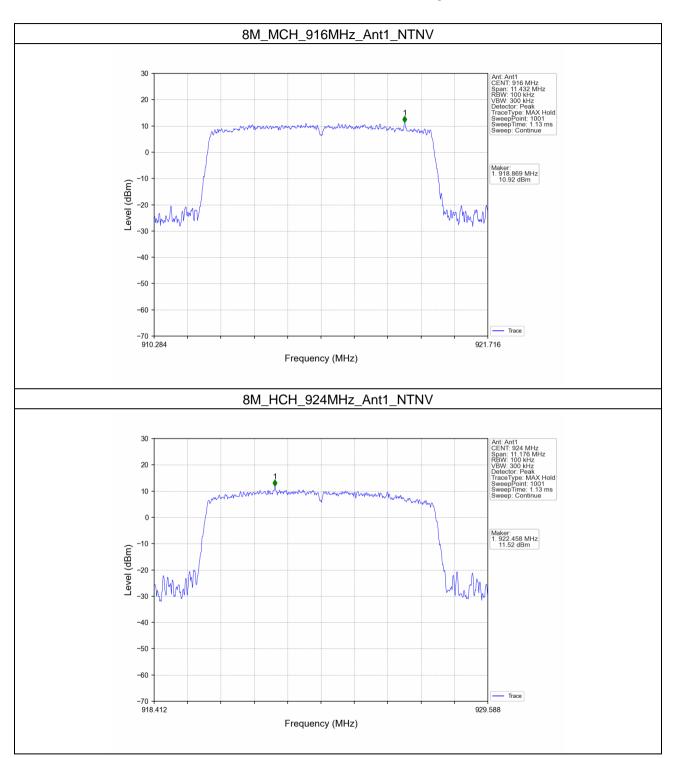
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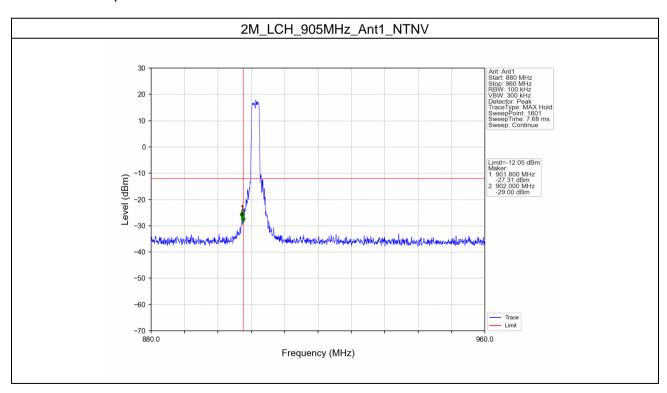
#### 5.2 CSE and Band Edges

#### 5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict		
2M	SISO	905	1	17.95	-12.05	Pass		
		915	1	17.95	-12.05	Pass		
		925	1	17.95	-12.05	Pass		
4M	SISO	906	1	15.34	-14.66	Pass		
		918	1	15.34	-14.66	Pass		
		926	1	15.34	-4.66	Pass		
8M	SISO			908	1	12.14	-17.86	Pass
		916	1	12.14	-17.86	Pass		
		924	1	12.14	-7.86	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





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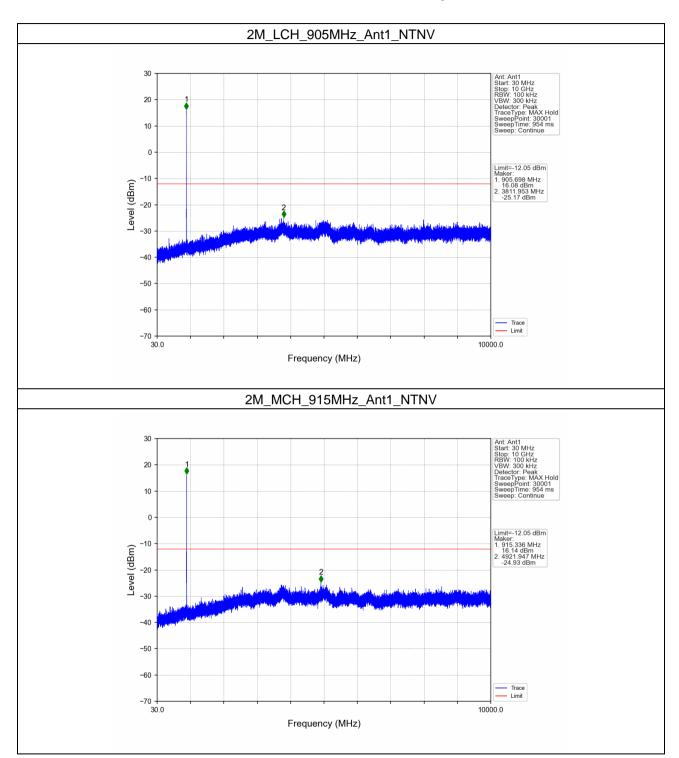
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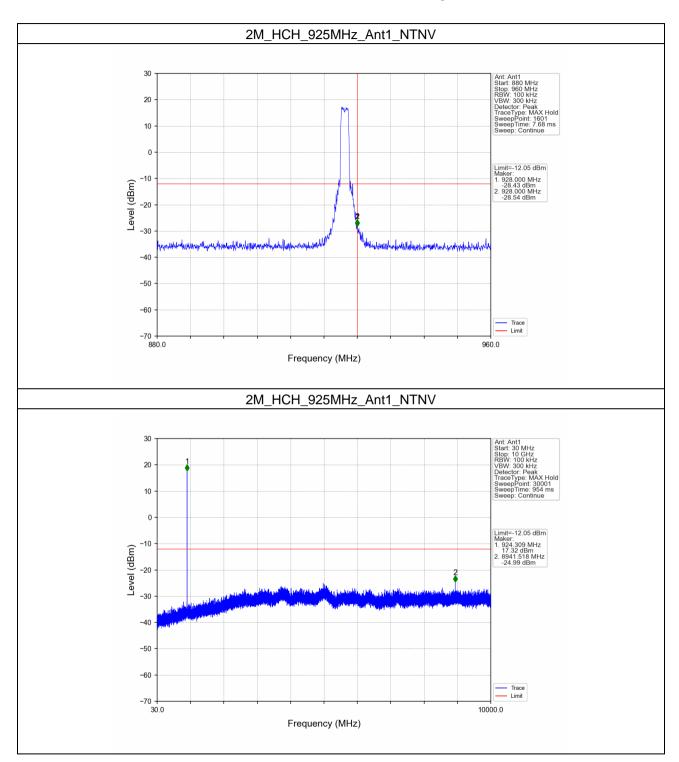
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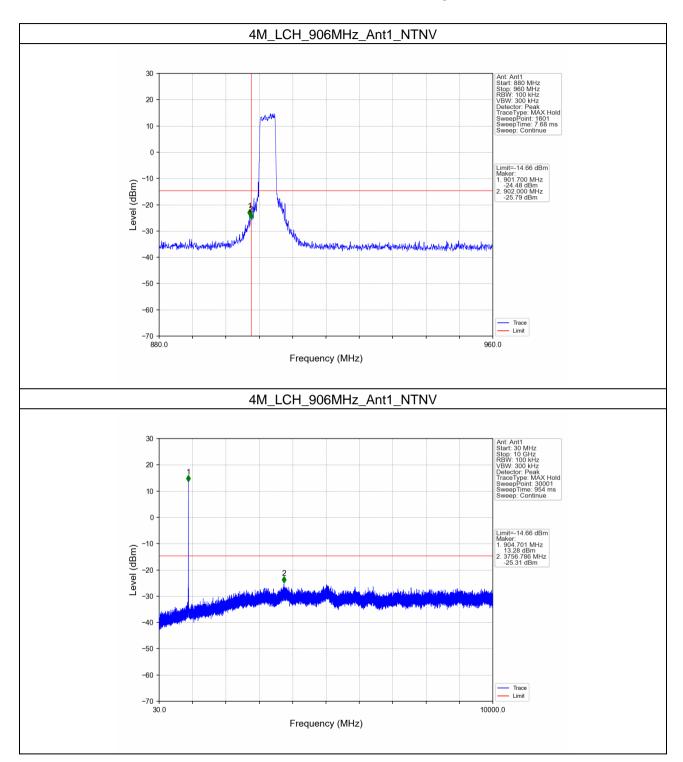
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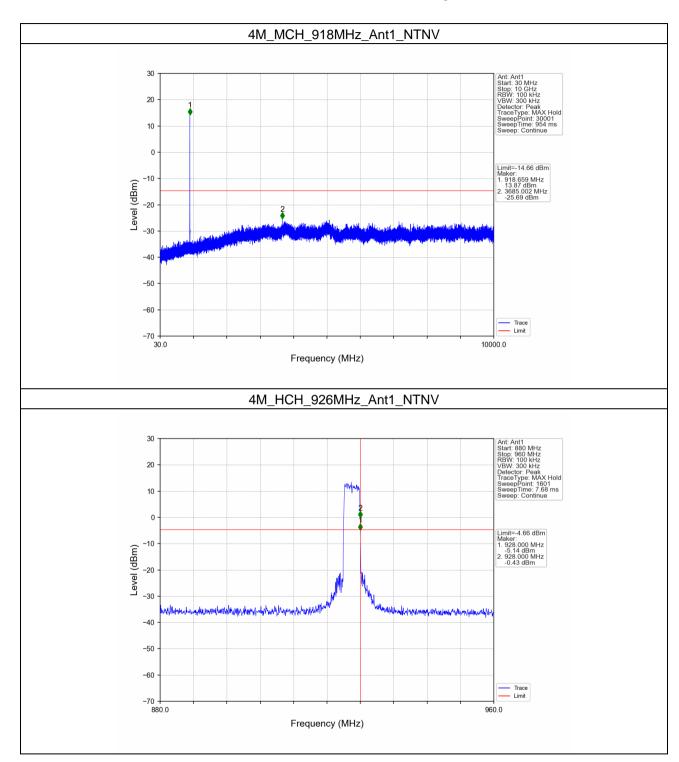
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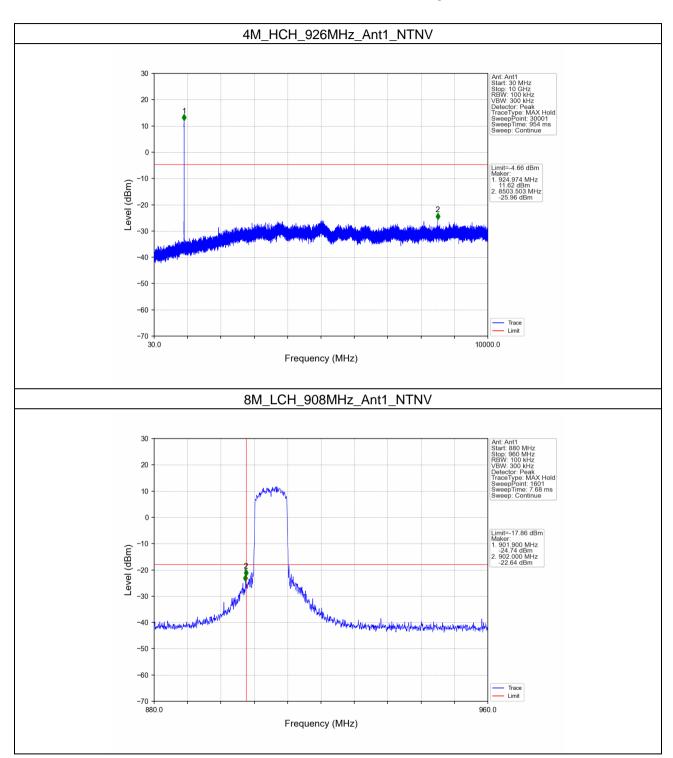
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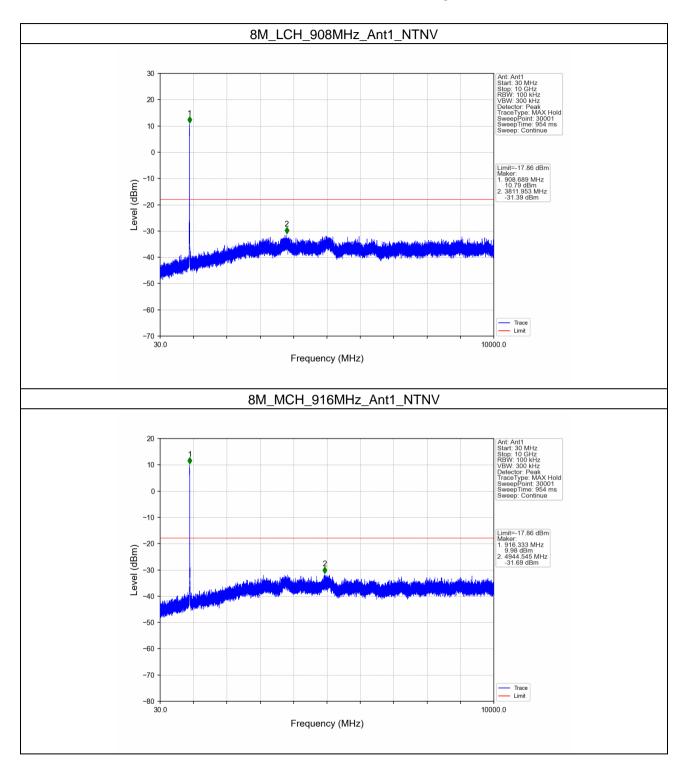
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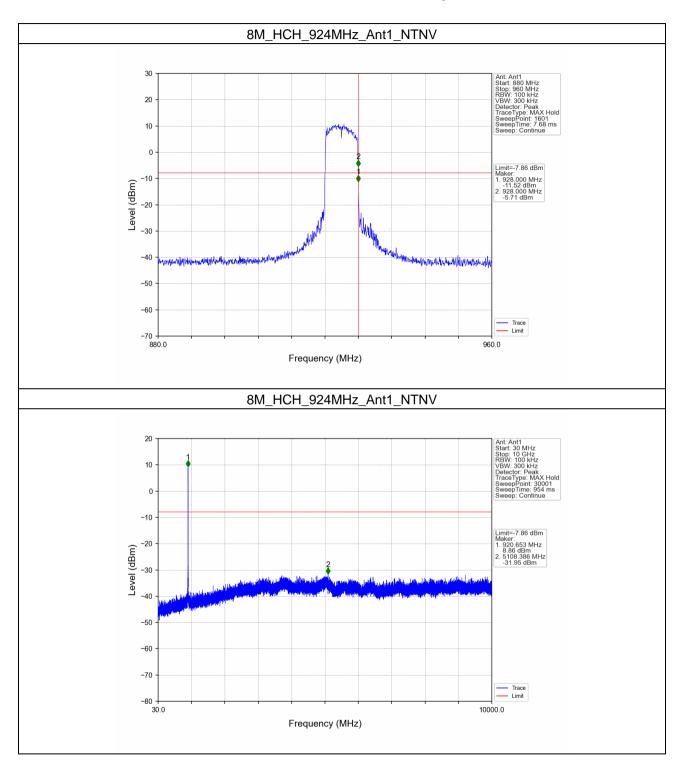
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