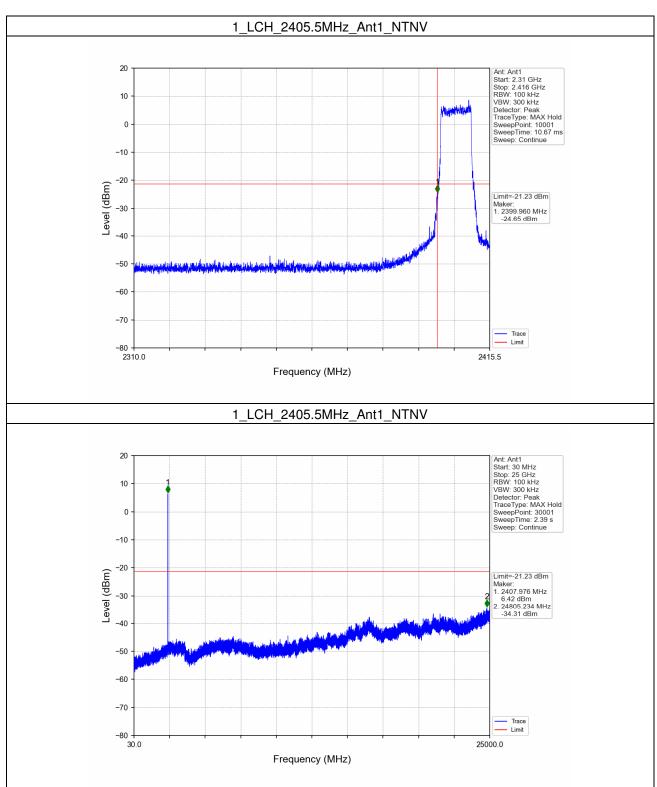


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5.2.2 Test Graph





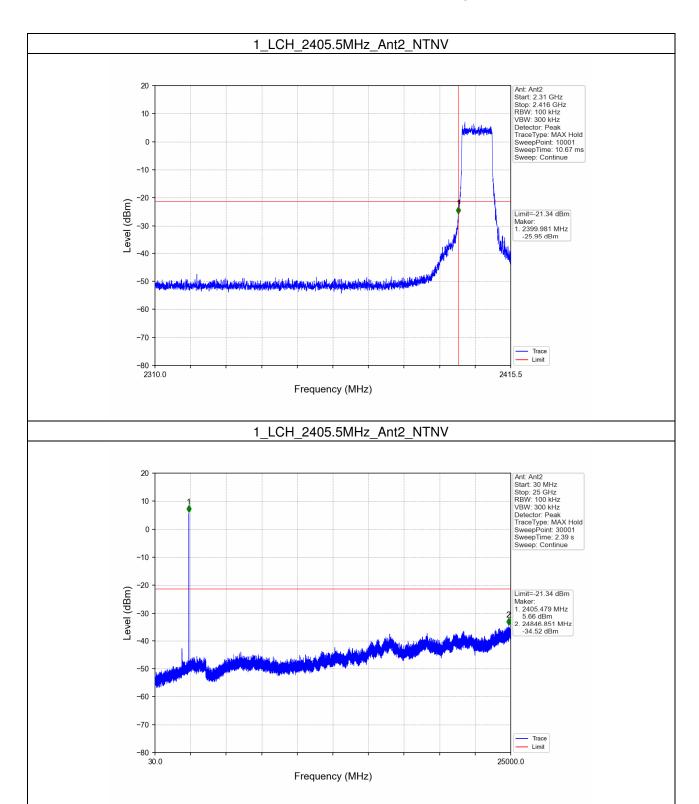
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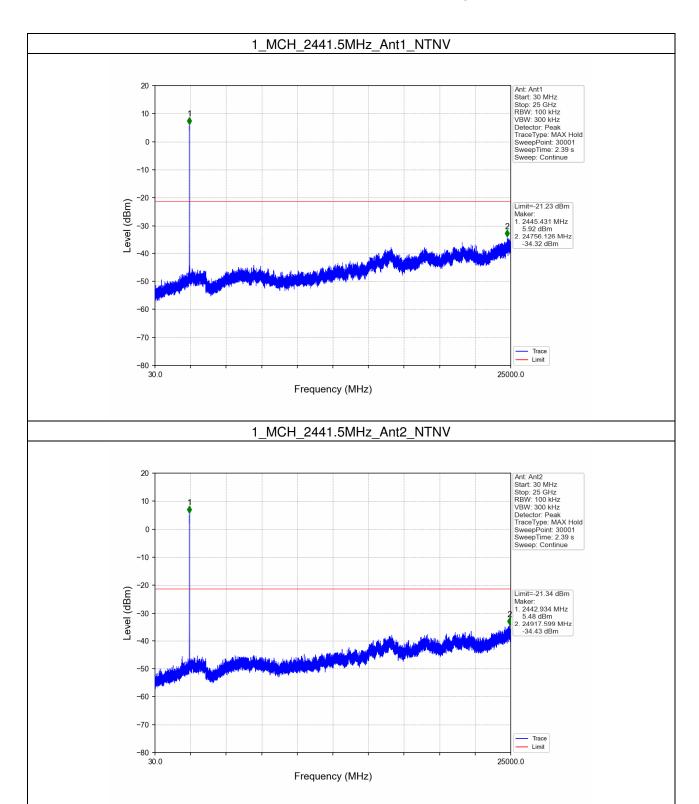
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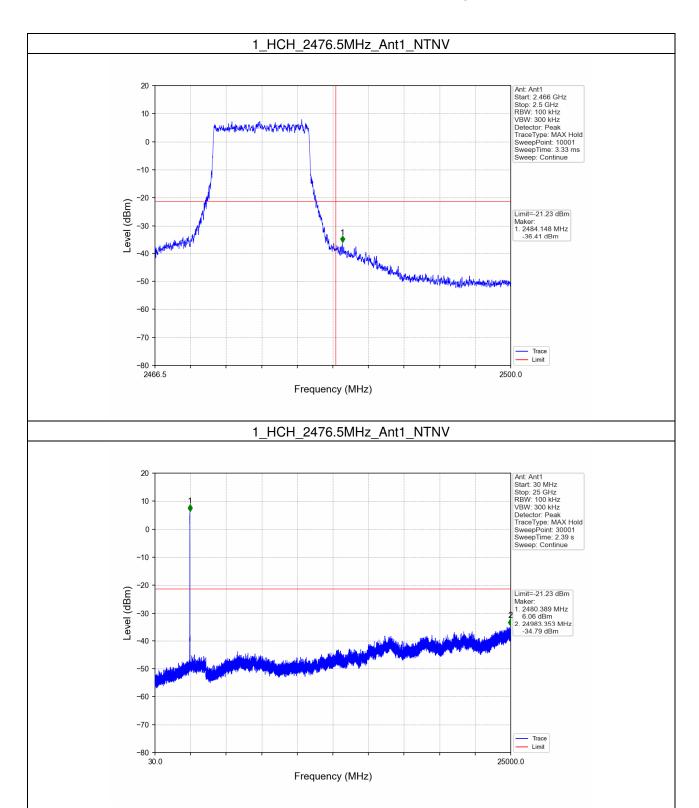
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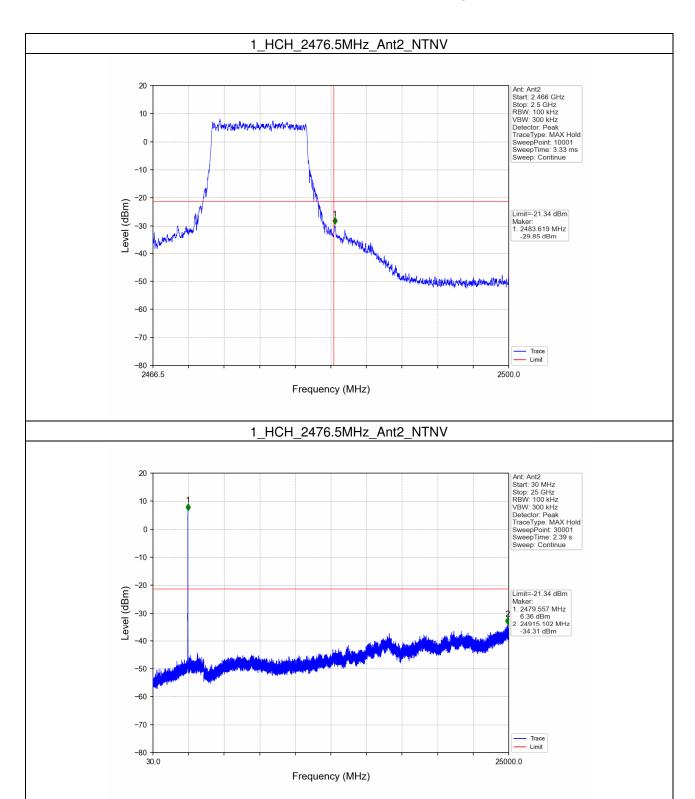
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20MHz BW 1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

	Ant1							
	Mode	ТХ Туре	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
ſ			2410.5	19.95	19.97	99.91	0.00	0.02
	20 M	MIMO	2441.5	19.95	19.97	99.91	0.00	0.00
			2472.5	19.95	19.97	99.91	0.00	0.00



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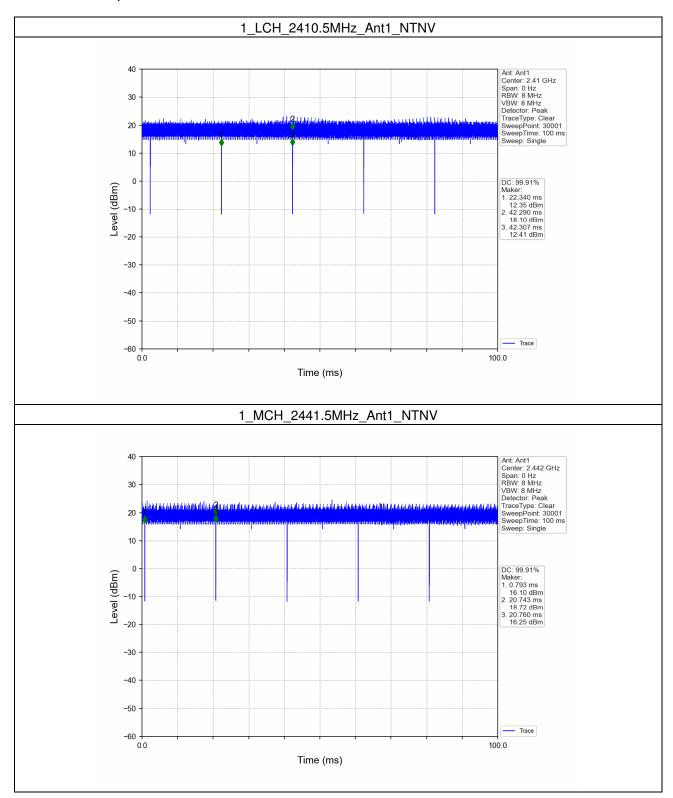
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1.1.2 Test Graph





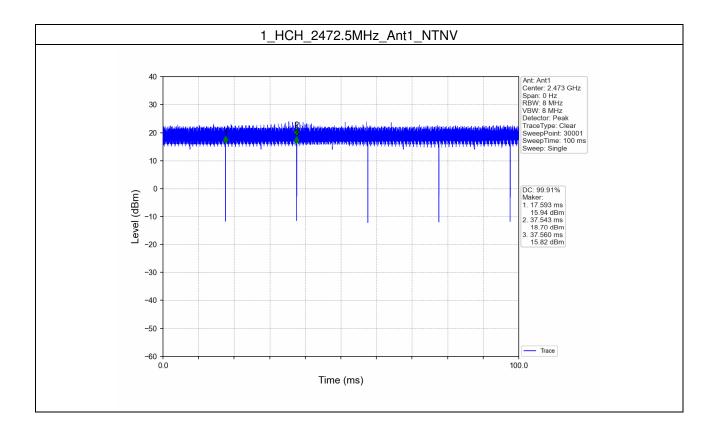
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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
		2410.5	1	17.89	/	Pass
20M	MIMO	2441.5	1	17.95	/	Pass
		2472.5	1	17.92	/	Pass



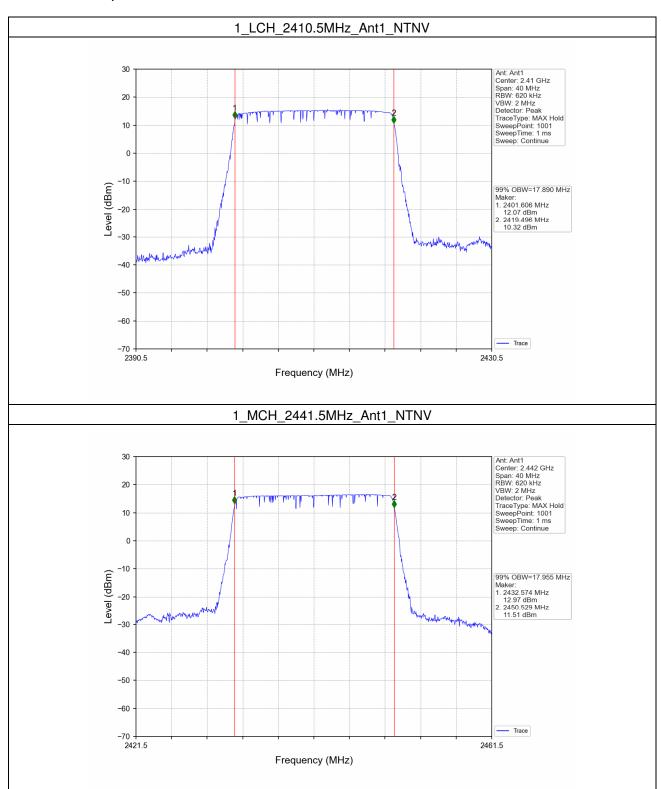
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2.1.2 Test Graph





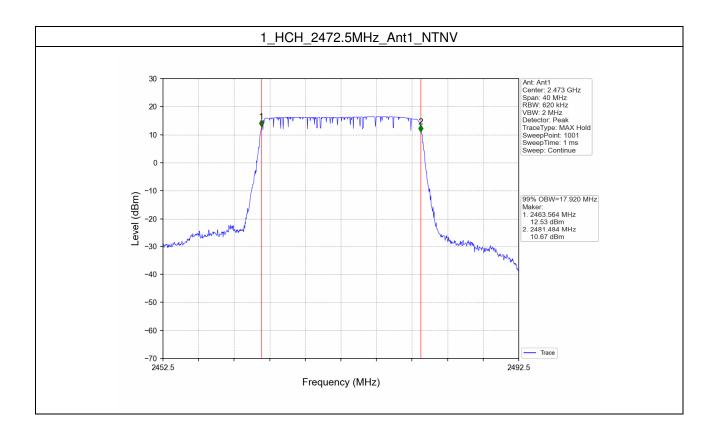
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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
		2410.5		18.04	>=0.5	Pass
20M	MIMO	2441.5	1	18.05	>=0.5	Pass
		2472.5	1	18.02	>=0.5	Pass

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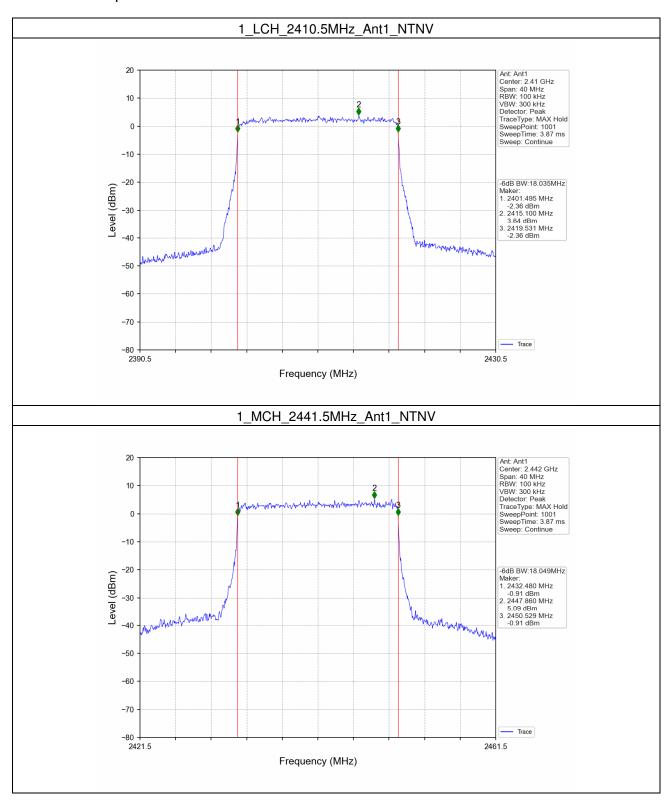
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2.2.2 Test Graph





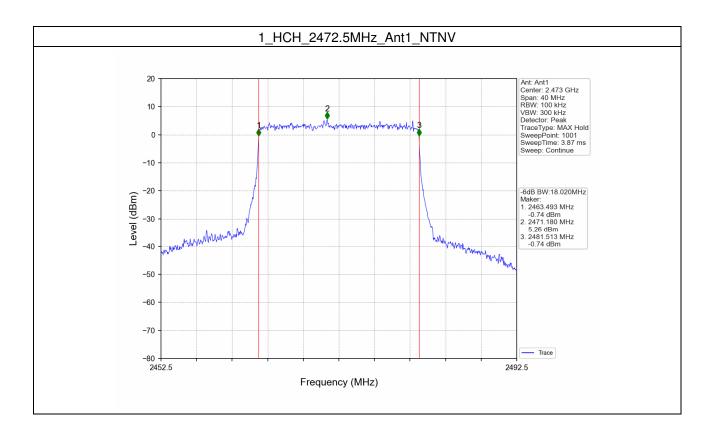
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Antenna 1:

Mode	TX Type	Fraguadov (MHz)	Measured Average	Output Power (dBm)	Verdict				
Mode	17 Type	Frequency (MHz)	Ant1	Limit	verdict				
		2410.5	15.07	<=30	Pass				
20M	SISO	2441.5	15.42	<=30	Pass				
		2472.5	15.48	<=30	Pass				
Note1: Anten	Note1: Antenna Gain: Ant1: 3.00dBi;								

Antenna 2:

Mode	TV Tuno	Eroguepov (MUz)	Measured Average (Output Power (dBm)	Verdict				
iviode	TX Type	Frequency (MHz)	Ant1	Limit					
		2410.5	14.89	<=30	Pass				
20M	SISO	2441.5	15.18	<=30	Pass				
		2472.5	15.77	<=30	Pass				
Note1: Anten	Note1: Antenna Gain: Ant1: 3.00dBi;								

Mada	TX	Frequency	Measured A	verage Output P	Power (dBm)	Limit (dDm)	Verdict
Mode	Туре	(MHz)	Ant1	Ant2	Sum	Limit (dBm)	
		2410.5	15.53	16.60	19.11	<=29.9	Pass
20M	MIMO	2441.5	16.59	16.82	19.72	<=29.9	Pass
		2472.5	15.70	16.46	19.11	<=29.9	Pass

Note1: Antenna Gain: Ant1: 3.00dBi; Ant2: 3.00dBi;

Note2: Directional Gain=G_{Ant}+10log (N_{Ant}) dBi = 3.0+10log (2) dBi = 6.01dBi



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Antenna 1:

Mode	TX Type	Fraguency (MHz)	Maximum PS	D (dBm/3kHz)	Verdict					
Mode	1 X Type	Frequency (MHz)	Ant1	Limit	verdict					
		2410.5	-12.66	<=8	Pass					
20M	SISO	2441.5	-12.33	<=8	Pass					
		2472.5	-12.72	<=8	Pass					
Note1: Ar	Note1: Antenna Gain: Ant1: 3.00dBi;									

Antenna 2:

Mada	TV Tuno	Fraguency (MIIIa)	Maximum PSI	O (dBm/3kHz)	Verdict
Mode	TX Type	Frequency (MHz)	Ant1	Limit	verdict
		2410.5	-12.96	<=8	Pass
20M	SISO	2441.5	-13.19	<=8	Pass
		2472.5	-12.04	<=8	Pass
Note1: An	itenna Gain:	Ant1: 3.00dBi;			

Mode	TX	Frequency (MHz)	Maxir	num PSD (dBm/	3kHz)	Limit	Verdict			
Mode	Туре		Ant1	Ant2	Sum	(dBm/3kHz)				
		2410.5	-11.40	-10.23	-7.77	<=8	Pass			
20M	MIMO	2441.5	-12.34	-10.86	-8.81	<=8	Pass			
		2472.5	-12.92	-11.39	-9.71	<=8	Pass			
Note1: An	Note1: Antenna Gain: Ant1: 3.00dBi; Ant2: 3.00dBi;									



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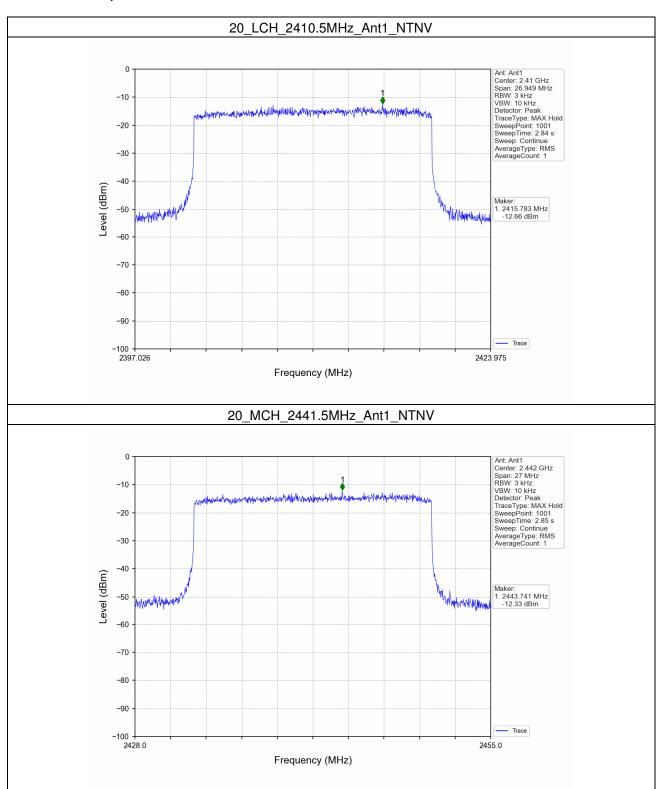
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4.1.2 Test Graph





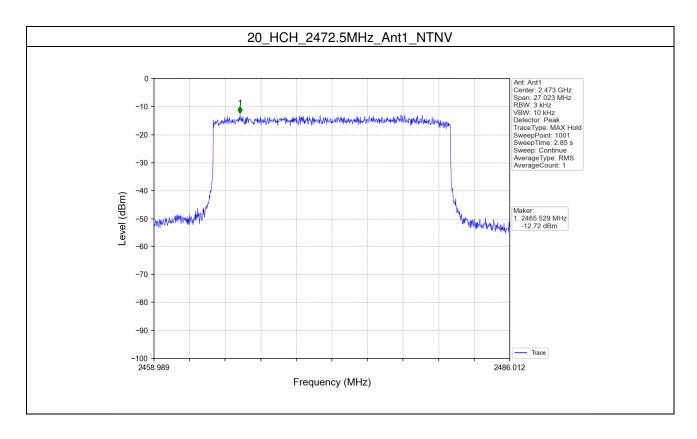
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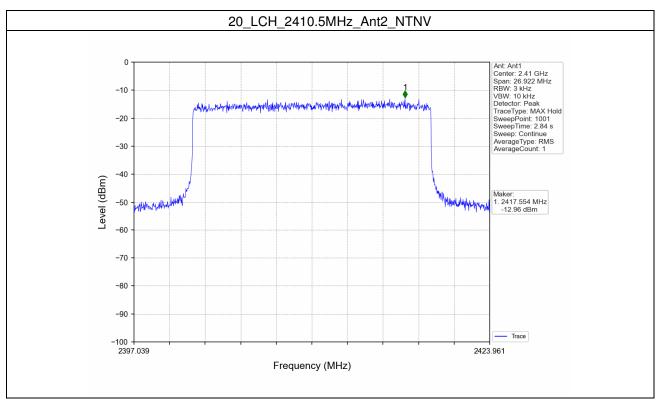
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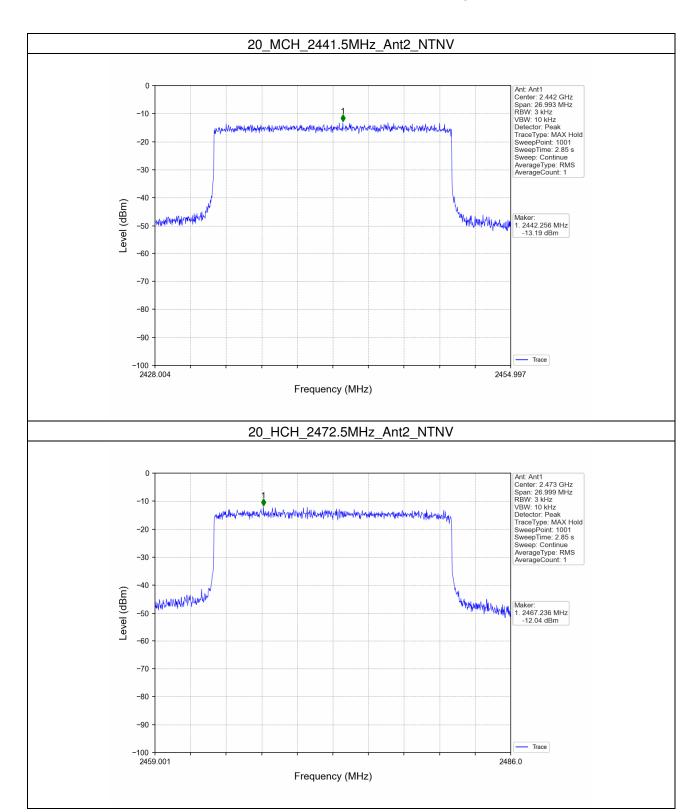
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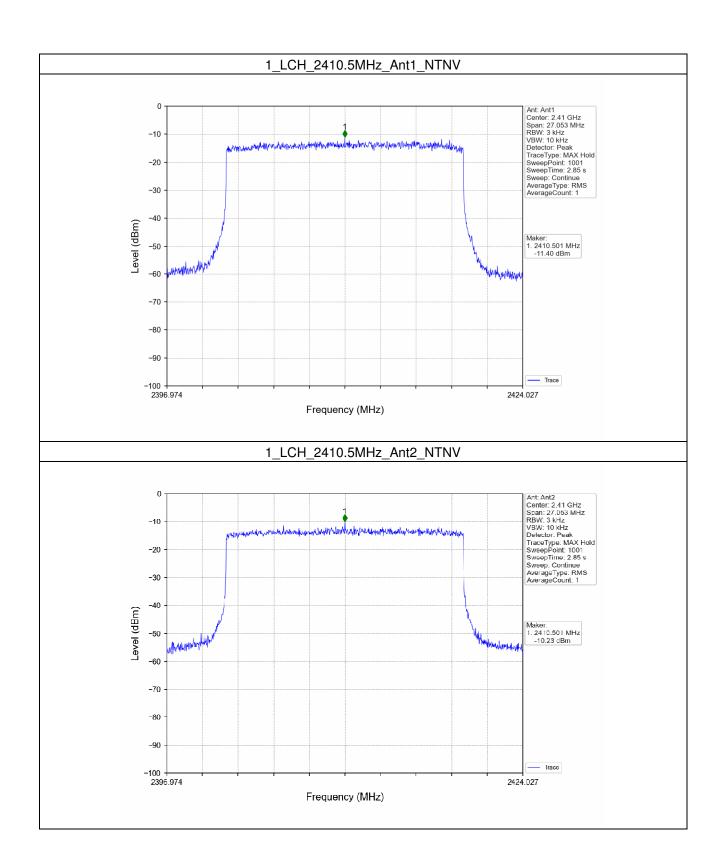
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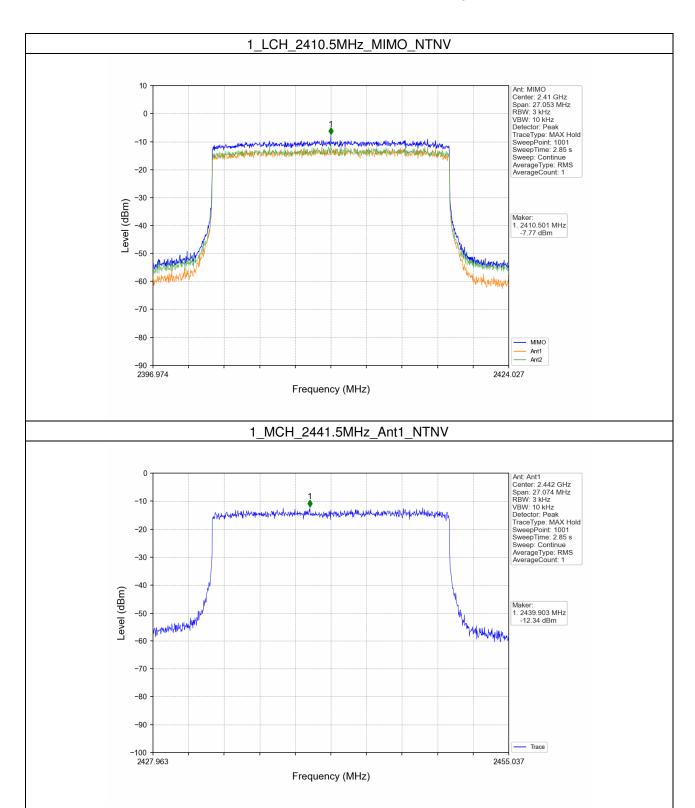
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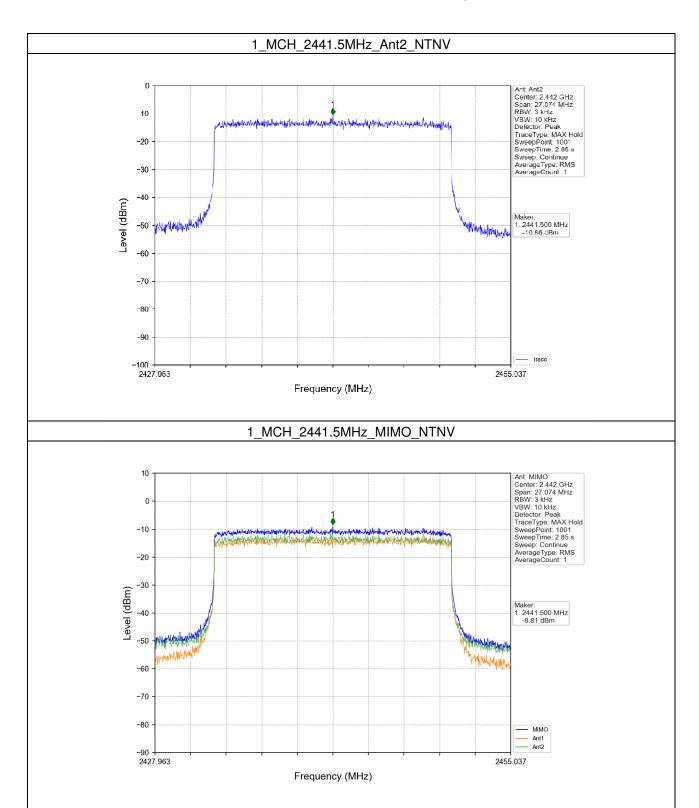
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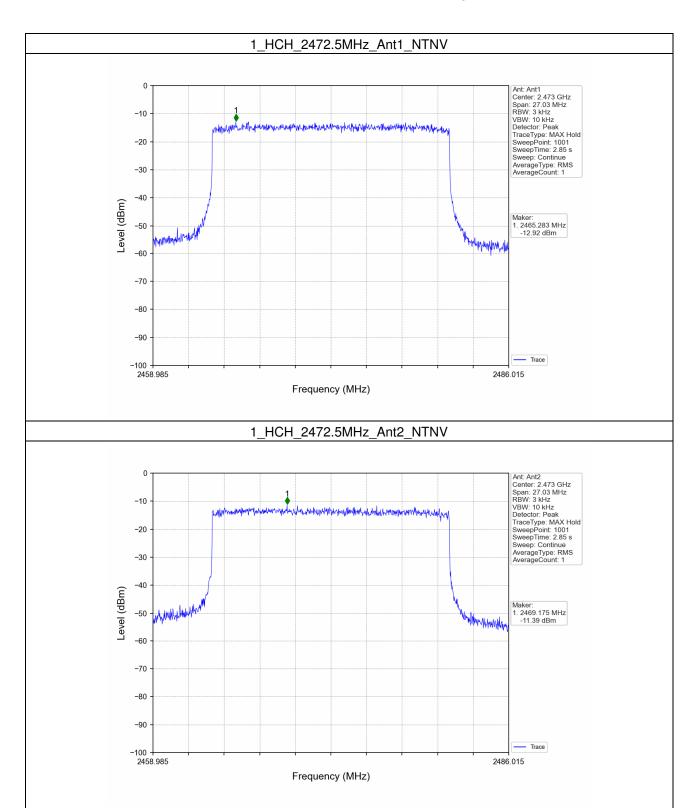
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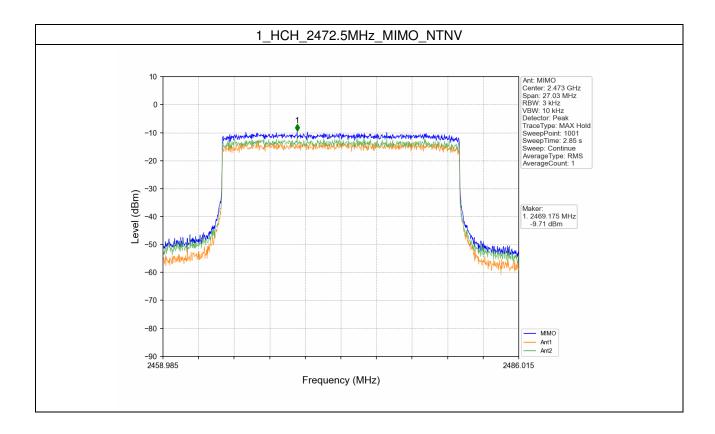
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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
		0410.5	1	4.97	/	/
	MIMO	2410.5	2	4.34	/	/
001		2441.5	1	4.93	/	/
20M	MIMO		2	4.42	/	/
		2472.5	1	4.84	/	/
			2	5.17	/	/

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.



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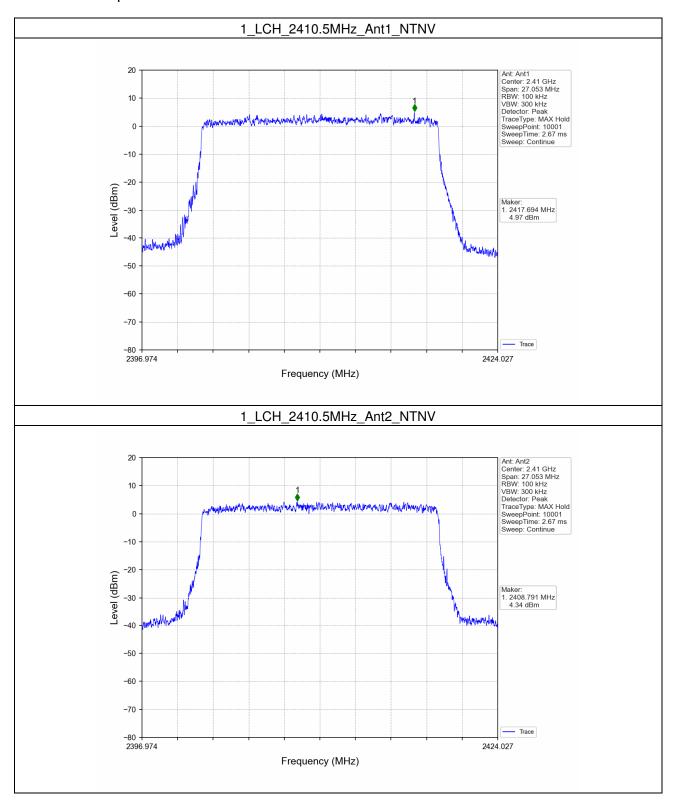
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5.1.2 Test Graph





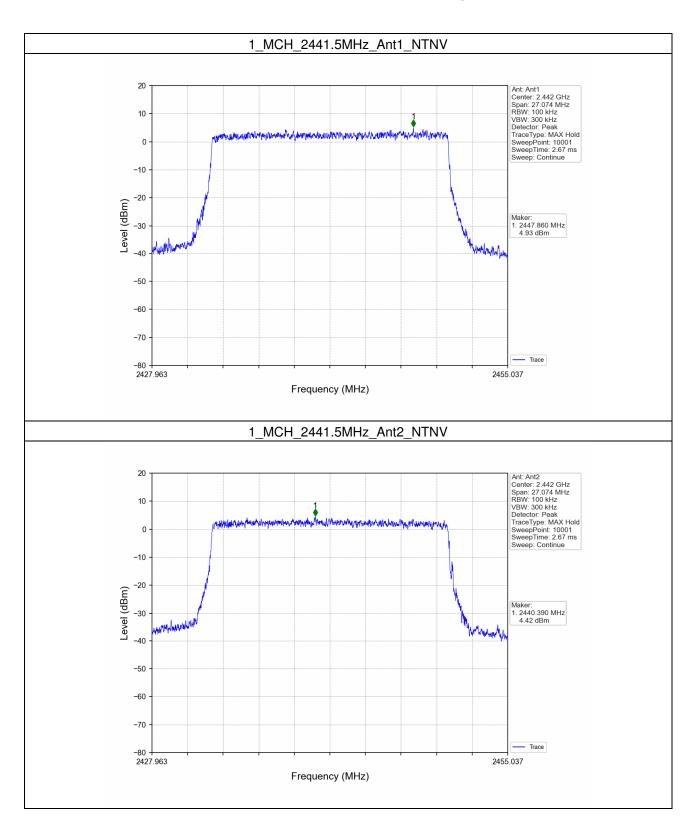
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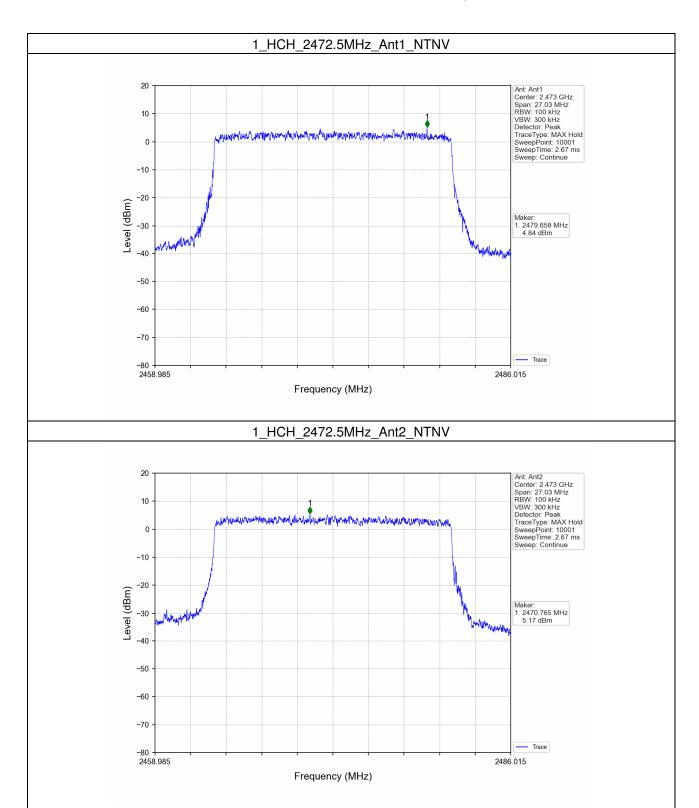
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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
		2410.5	1	Refer To Test Graph	Refer To Test Graph	Pass
	NAINAO		2	Refer To Test Graph	Refer To Test Graph	Pass
001		2441.5	1	Refer To Test Graph	Refer To Test Graph	Pass
20M	MIMO		2	Refer To Test Graph	Refer To Test Graph	Pass
		2472.5	1	Refer To Test Graph	Refer To Test Graph	Pass
			2	Refer To Test Graph	Refer To Test Graph	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.



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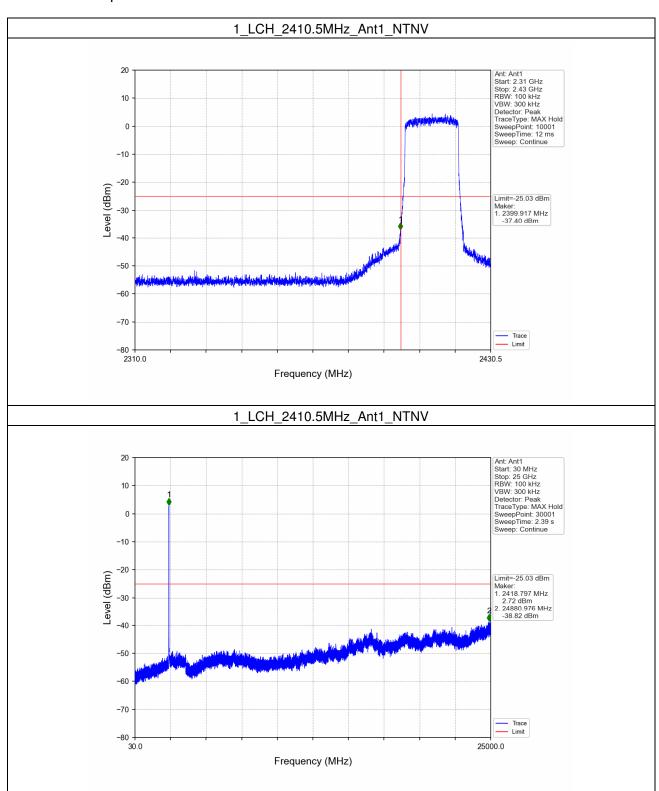
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5.2.2 Test Graph





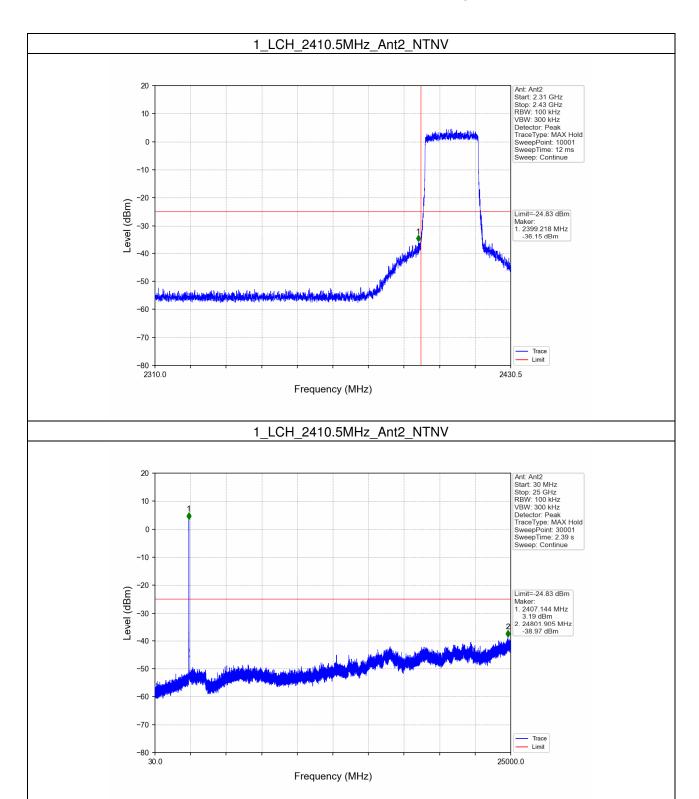
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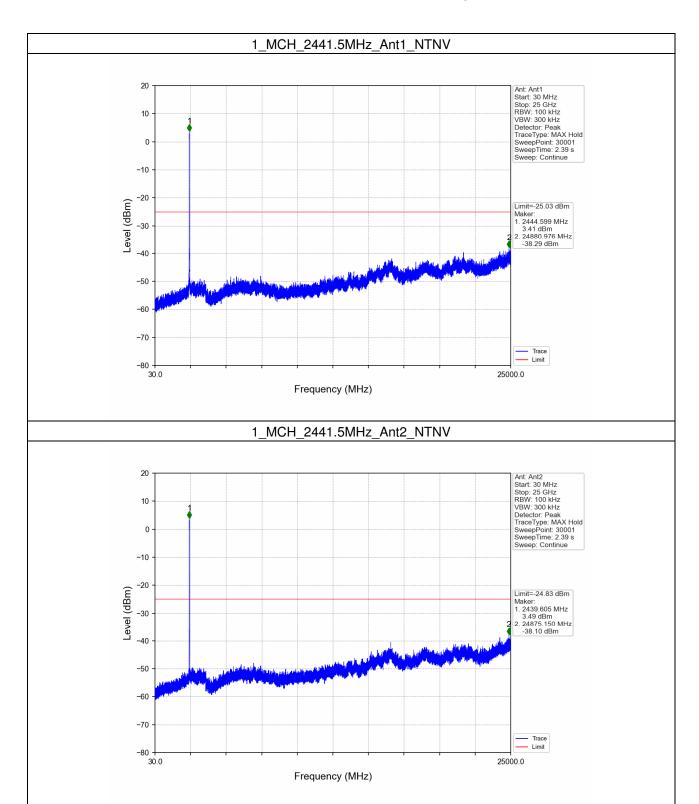
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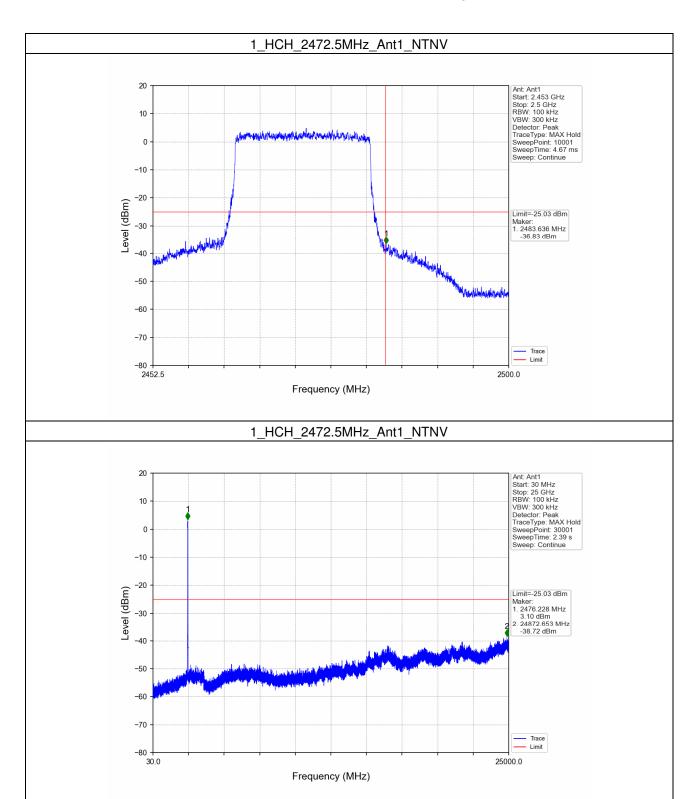
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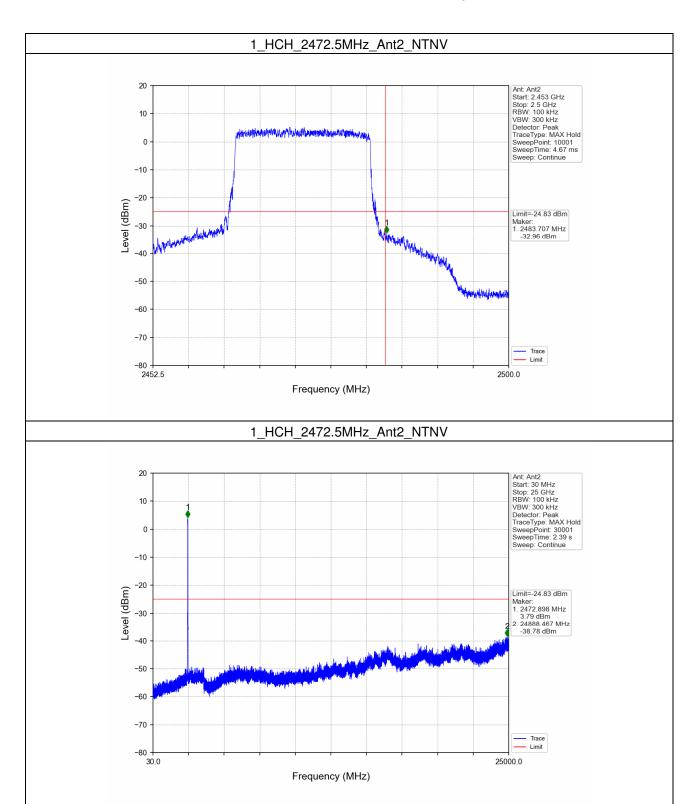
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40MHz BW 1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1							
Mode	ТХ Туре	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
		2422.5	19.94	19.97	99.88	0.01	0.00
40 M	MIMO	2437.5	19.94	19.97	99.88	0.01	0.00
		2452.5	19.94	19.97	99.88	0.01	0.00

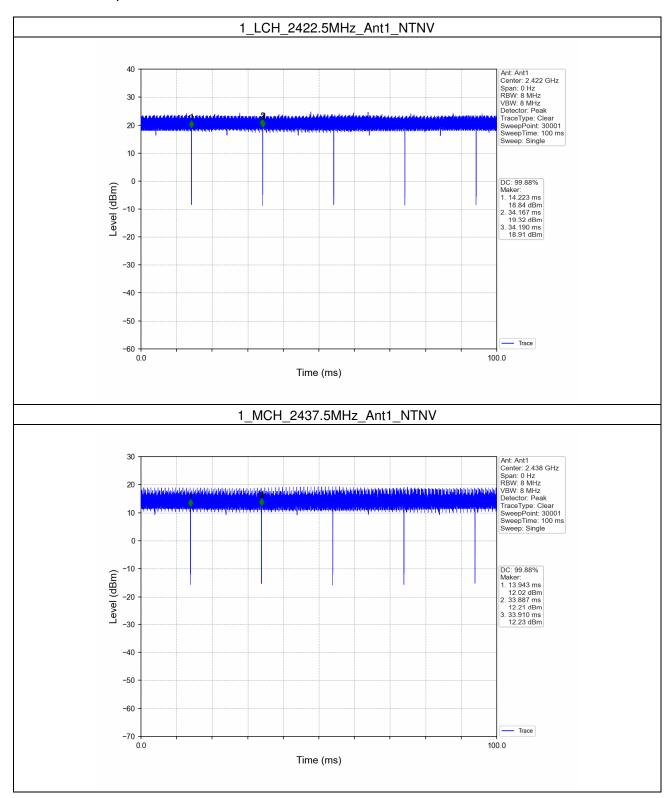




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1.1.2 Test Graph





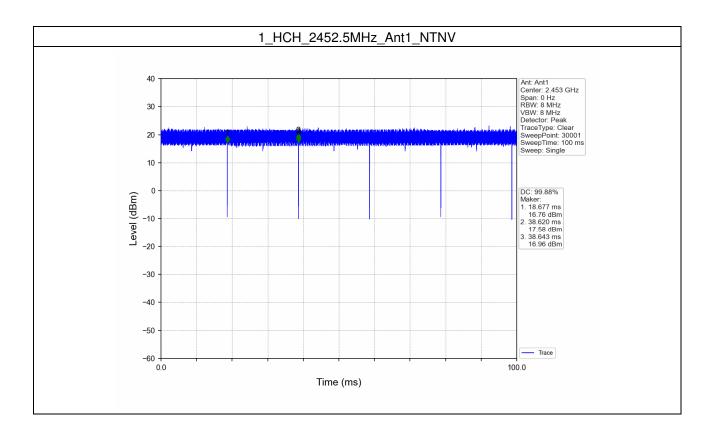
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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
		2422.5	1	36.36	/	Pass
40M	MIMO	2437.5	1	36.31	/	Pass
		2452.5	1	36.10	/	Pass



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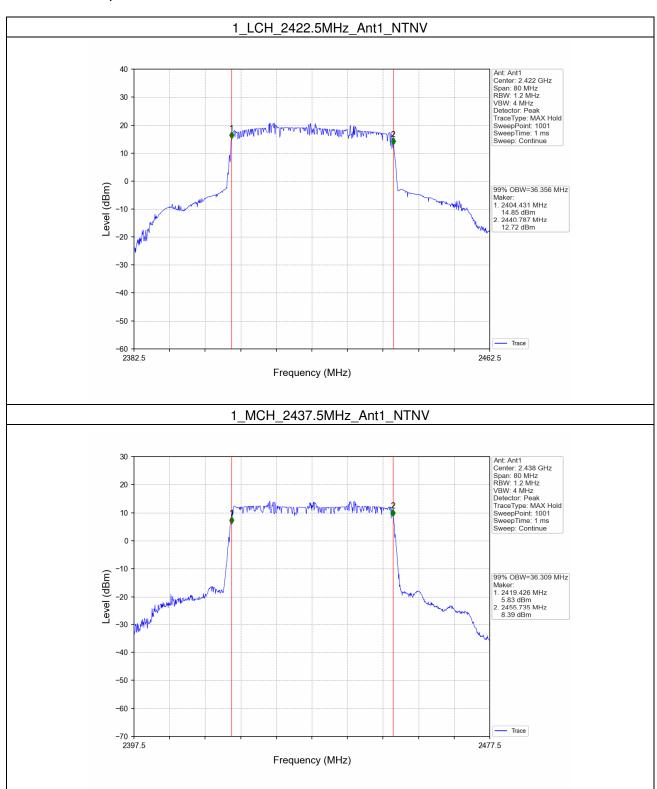
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2.1.2 Test Graph





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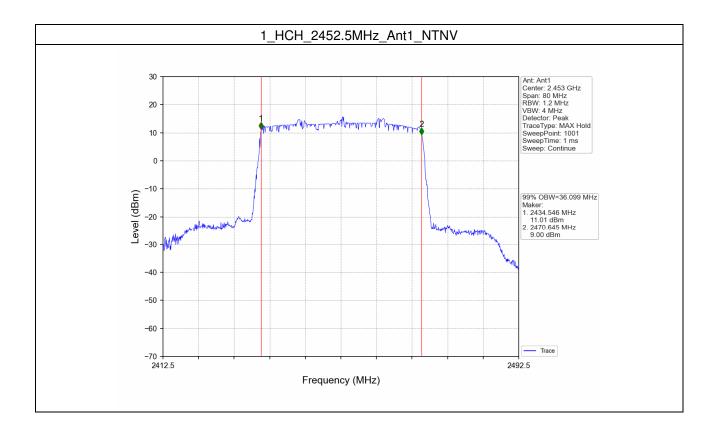
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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
	MIMO	2422.5		35.88	>=0.5	Pass
40M		2437.5	1	36.02	>=0.5	Pass
		2452.5	1	35.93	>=0.5	Pass

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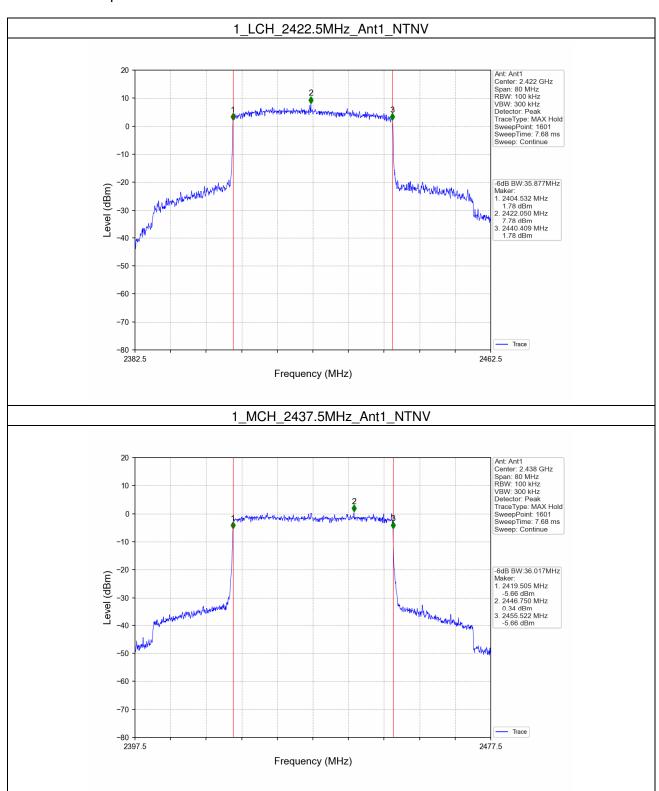
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2.2.2 Test Graph





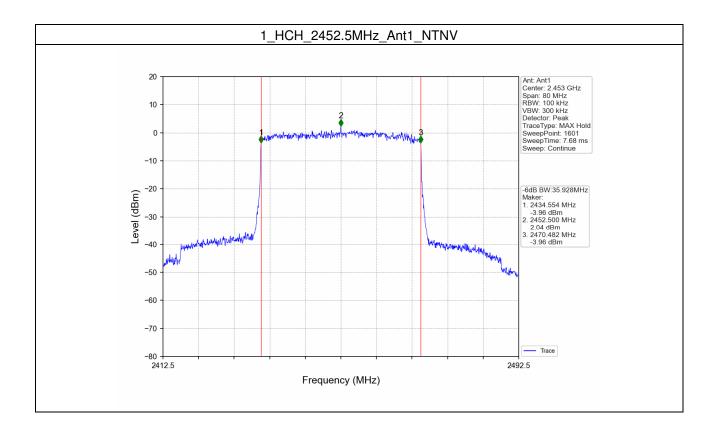
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Antenna 1:

Mode	TV Type	Frequency (MHz)	Measured Average	Verdict			
	TX Type		Ant1	Limit	verdict		
40 M	SISO	2422.5	15.16	<=30	Pass		
		SISO	2437.5	15.46	<=30	Pass	
		2452.5	15.58	<=30	Pass		
Note1: Antenna Gain: Ant1: 3.00dBi;							

Antenna 2:

Mode	TX Type	Fraguaday (MIII-)	Measured Average	Verdict			
		Frequency (MHz)	Ant1	Limit	verdict		
	SISO	2422.5	15.11	<=30	Pass		
40 M		2437.5	15.05	<=30	Pass		
		2452.5	15.11	<=30	Pass		
Note1: Antenna Gain: Ant1: 3.00dBi;							

	Mode	TX	Frequency	Measured A	verage Output F	Limit (dDm)	Mondiat	
		Туре	(MHz)	Ant1	Ant2	Sum	Limit (dBm)	Verdict
	40M	МІМО	2422.5	15.66	16.25	18.98	<=29.9	Pass
			2437.5	15.83	16.25	19.06	<=29.9	Pass
			2452.5	15.86	16.31	19.10	<=29.9	Pass

Note1: Antenna Gain: Ant1: 3.00dBi; Ant2: 3.00dBi;

Note2: Directional Gain=G_{Ant}+10log (N_{Ant}) dBi = 3.0+10log (2) dBi = 6.01dBi



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Antenna 1:

Mode TX Typ	TV Type	Fraguency (MIII-)	Maximum PS	Verdict			
	1 × 1 ype	Frequency (MHz)	Ant1	Limit	verdict		
		2422.5	-14.15	<=8	Pass		
40M	SISO	2437.5	-14.69	<=8	Pass		
		2452.5	-14.88	<=8	Pass		
Note1: Antenna Gain: Ant1: 3.00dBi;							

Antenna 2:

Mode	ТХ Туре	Frequency (MHz)	Maximum PSD (dBm/3kHz)				
			Ant1	Limit	Verdict		
	SISO	2422.5	-14.65	<=8	Pass		
40 M		2437.5	-15.92	<=8	Pass		
		2452.5	-14.23	<=8	Pass		
Note1: Antenna Gain: Ant1: 3.00dBi;							

Mode	TX	Frequency (MHz)	Maxir	num PSD (dBm/	Limit	Vordict			
iviode	Туре		Ant1	Ant2	Sum	(dBm/3kHz)	Verdict		
		2422.5	-13.34	-12.10	-9.66	<=8	Pass		
40 M	MIMO	2437.5	-13.29	-13.47	-10.37	<=8	Pass		
		2452.5	-9.17	-11.79	-7.28	<=8	Pass		
Note1: Ar	Note1: Antenna Gain: Ant1: 3.00dBi; Ant2: 3.00dBi;								



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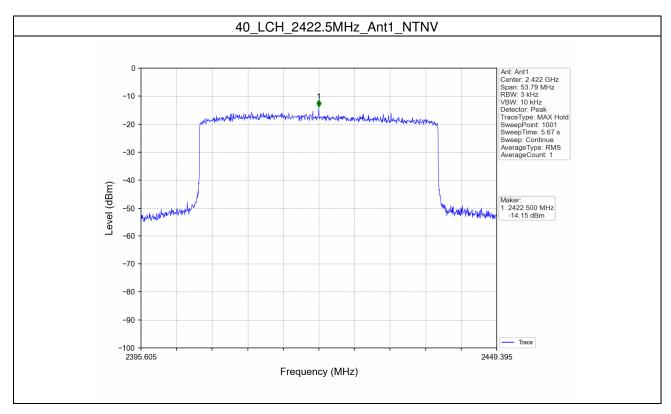
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4.1.2 Test Graph





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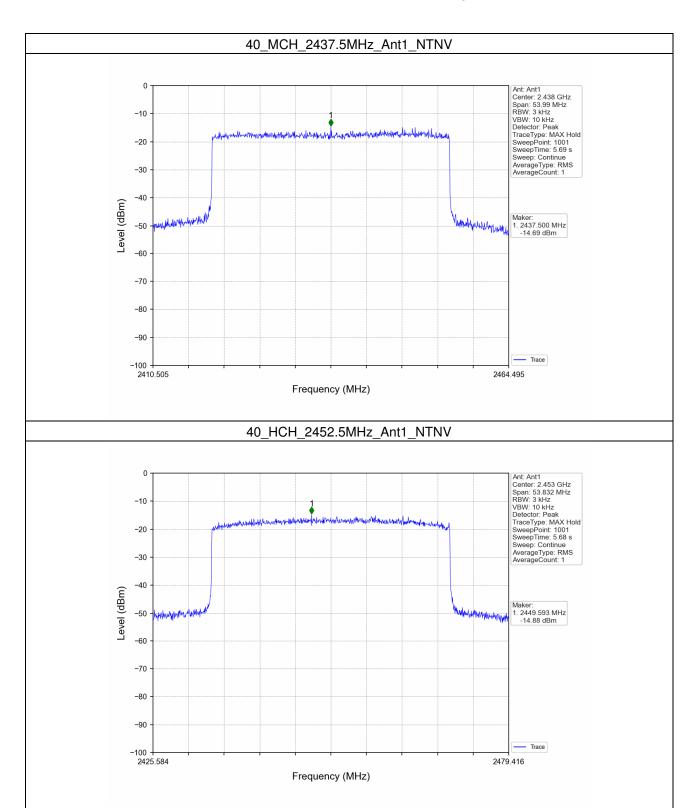
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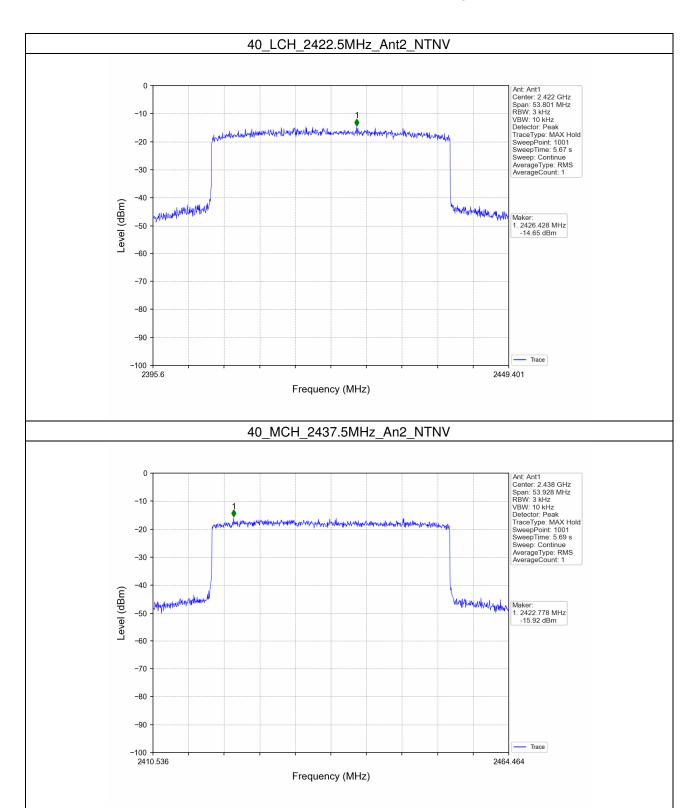
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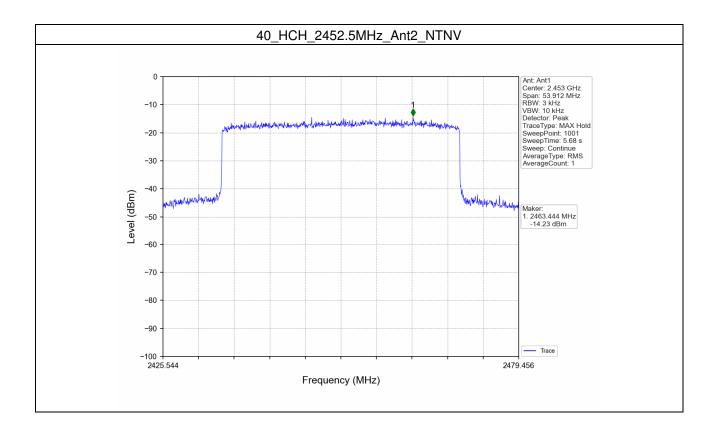
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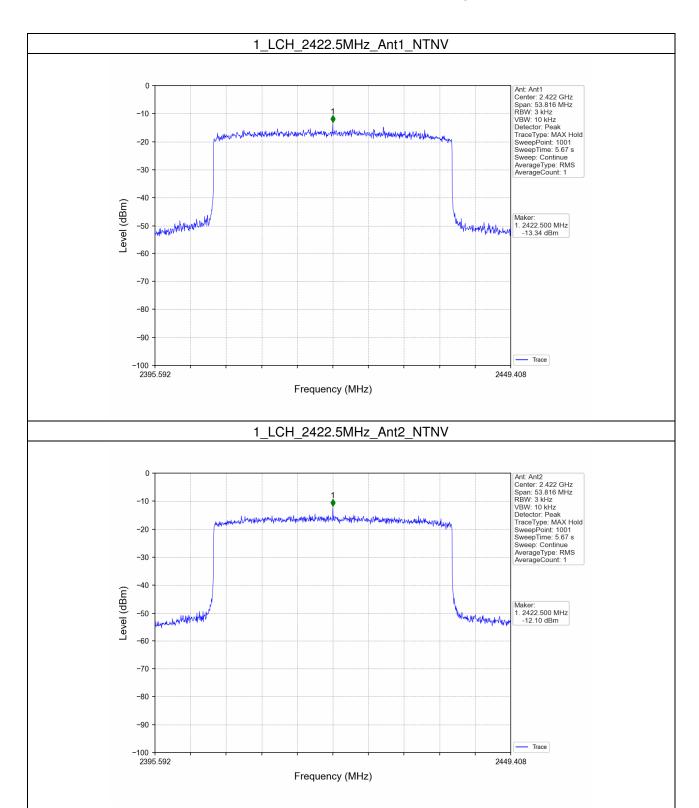
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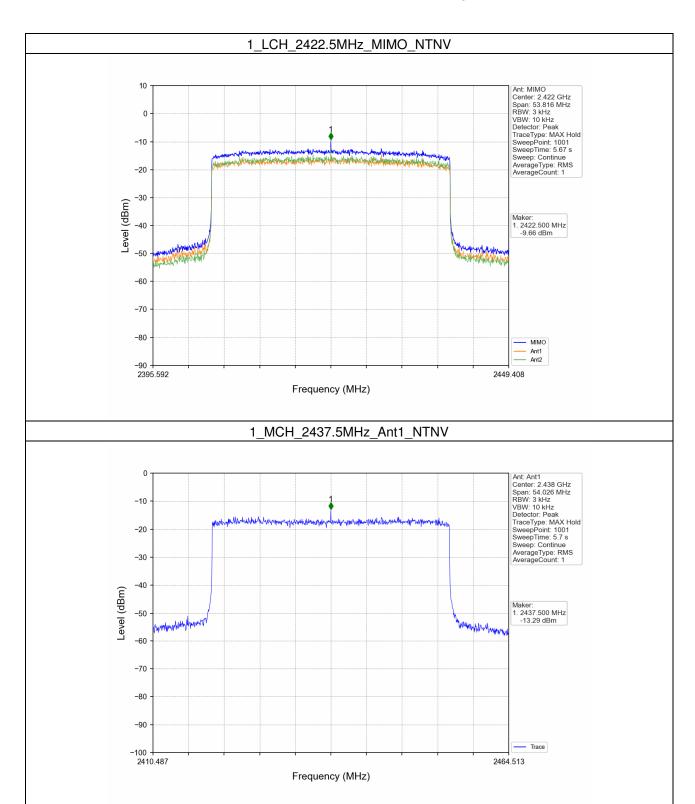
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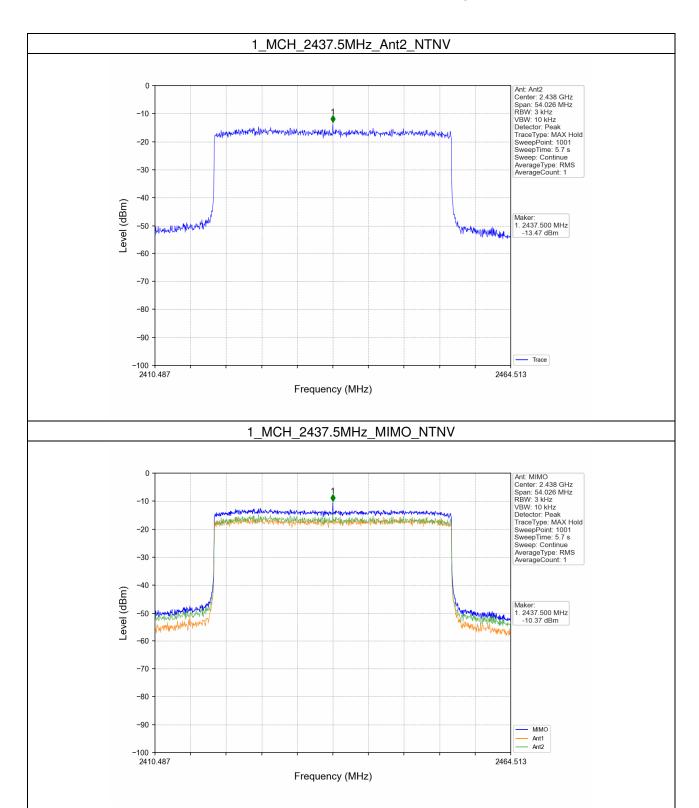
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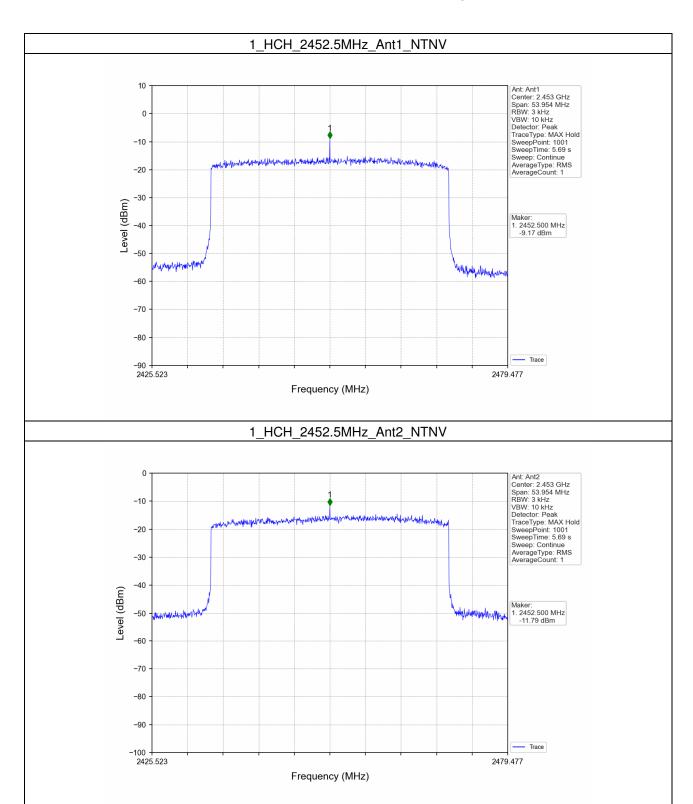
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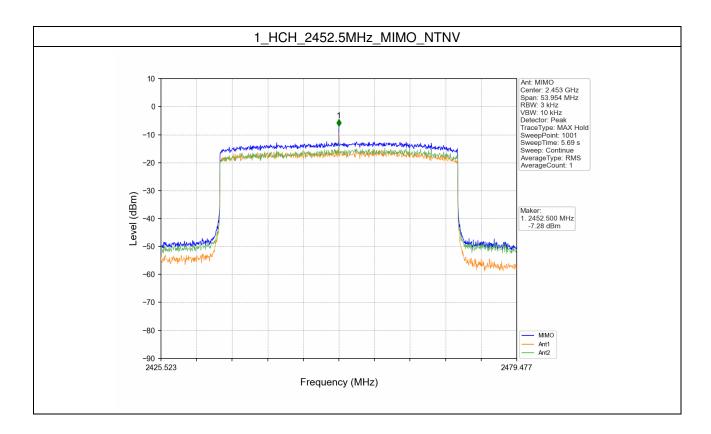
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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict		
		0400 5	1	2.04	/	/		
	МІМО	2422.5	2	2.84	/	/		
401/		0407.5	1	0.42	/	/		
40M		2437.5	2	0.13	/	/		
				0450.5	1	1.53	/	/
		2452.5	2	1.31	/	/		

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.



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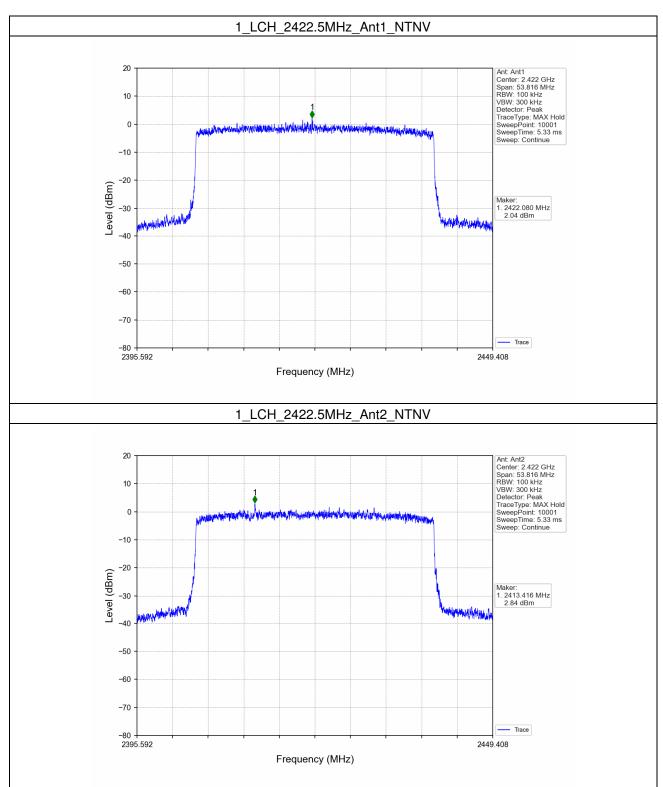
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5.1.2 Test Graph





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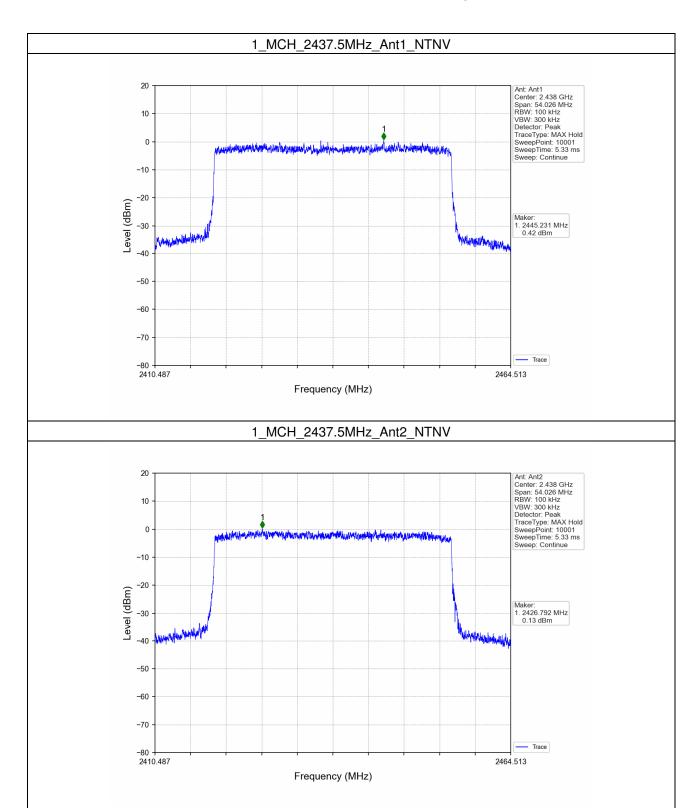
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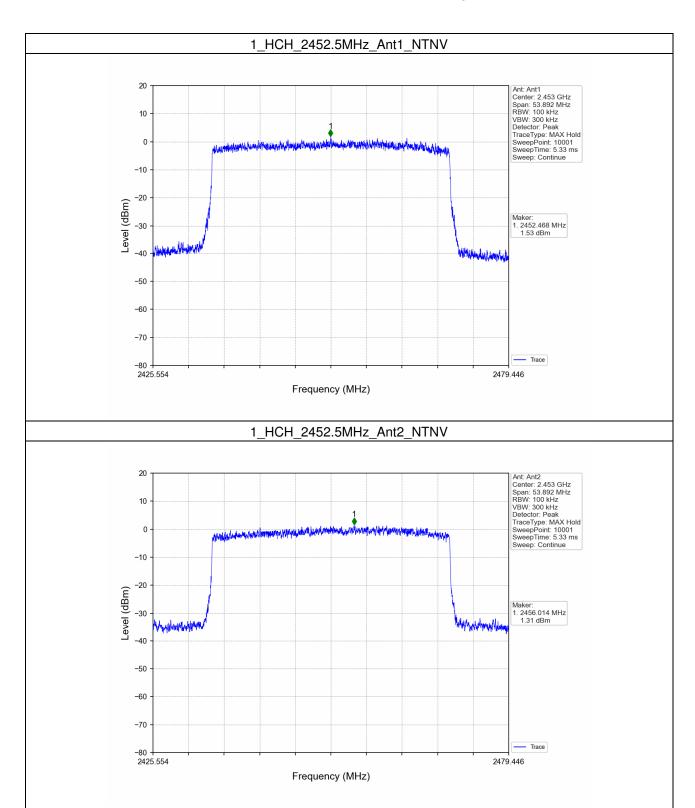
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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
	MIMO	2422.5	1	Refer To Test Graph	Refer To Test Graph	Pass
		2422.5	2	Refer To Test Graph	Refer To Test Graph	Pass
4014		1IMO 2437.5	1	Refer To Test Graph	Refer To Test Graph	Pass
40M			2	Refer To Test Graph	Refer To Test Graph	Pass
		2452.5	1	Refer To Test Graph	Refer To Test Graph	Pass
		2452.5	2	Refer To Test Graph	Refer To Test Graph	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.



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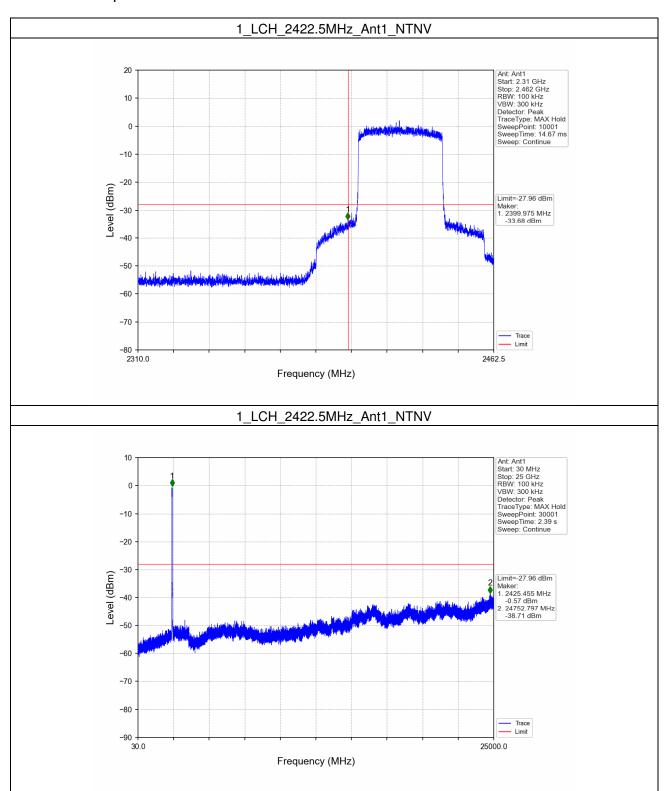
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5.2.2 Test Graph





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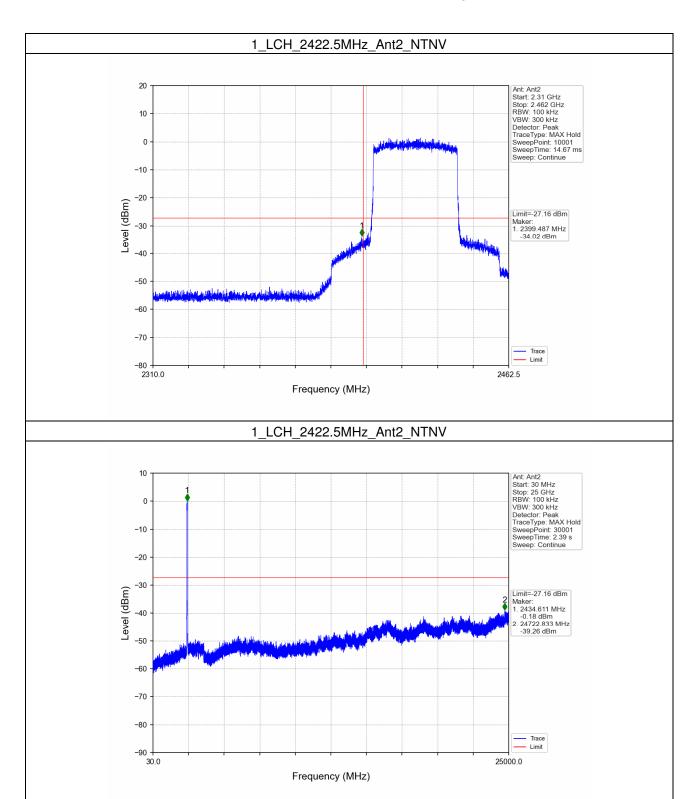
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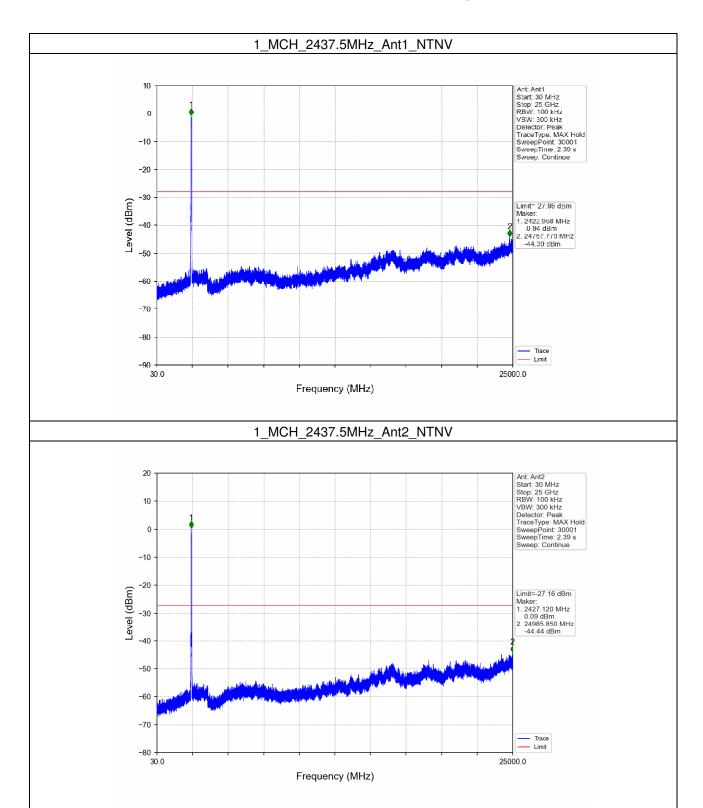
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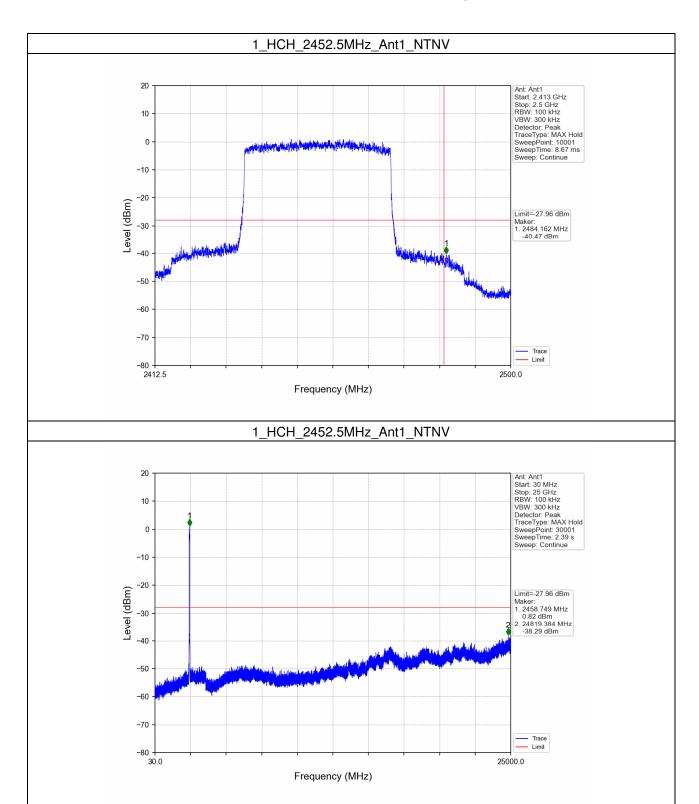
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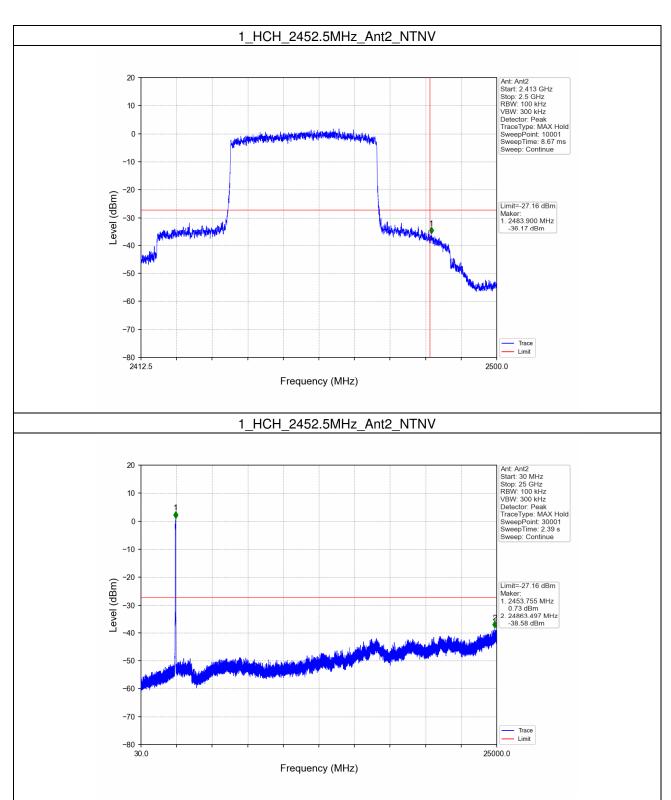
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