

Appendix Test Data

Report No.:	18220WC10110601	Test Date:	2021.6.26
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	57.2 %
Pressure:	1012 hPa		

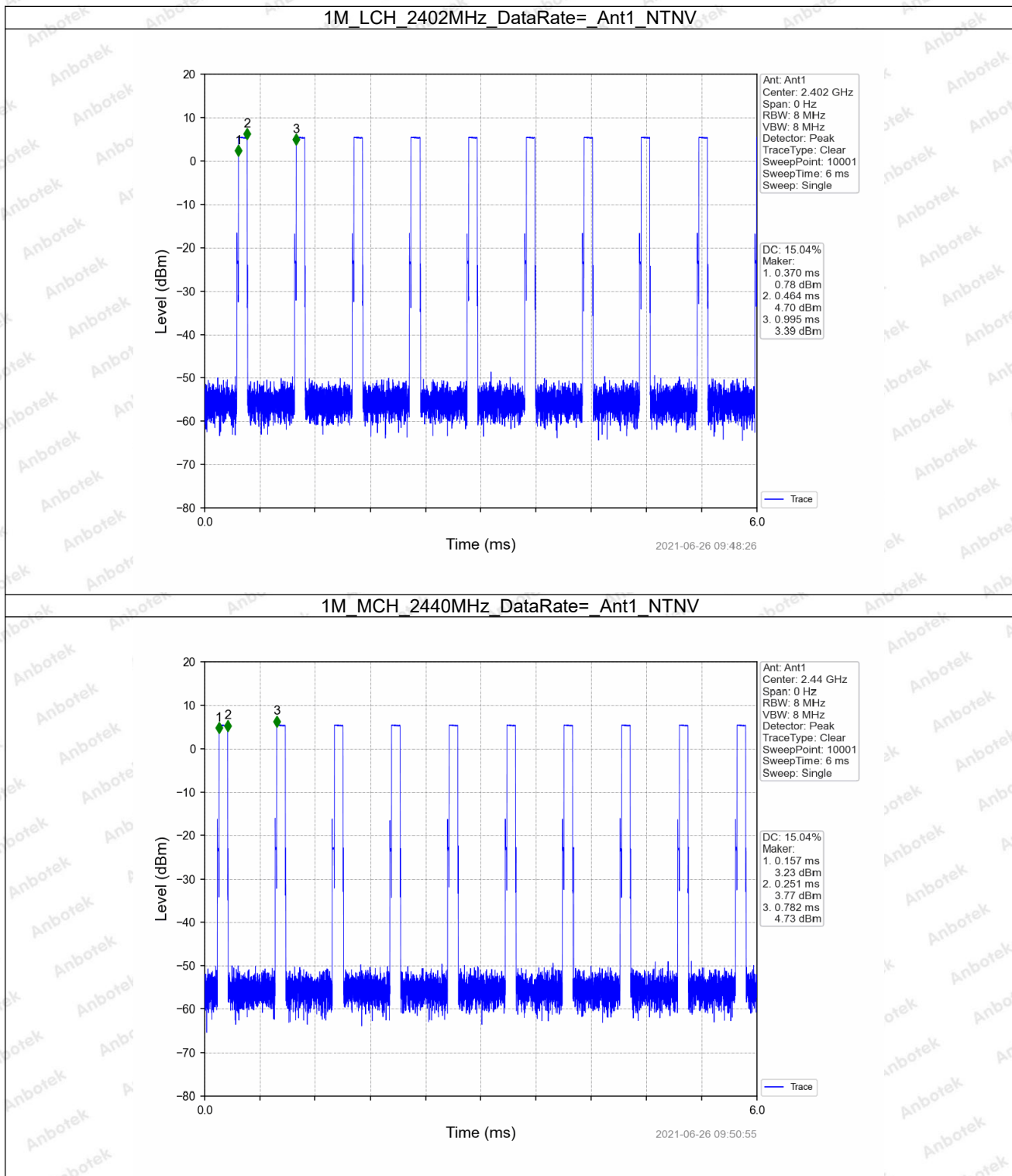
1. Duty Cycle

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	0.09	0.62	15.04	8.23	0.01
		2440	0.09	0.62	15.04	8.23	0.01
		2480	0.09	0.62	15.04	8.23	0.01
Note1: Only for Report Use							

1.1.2 Test Graph



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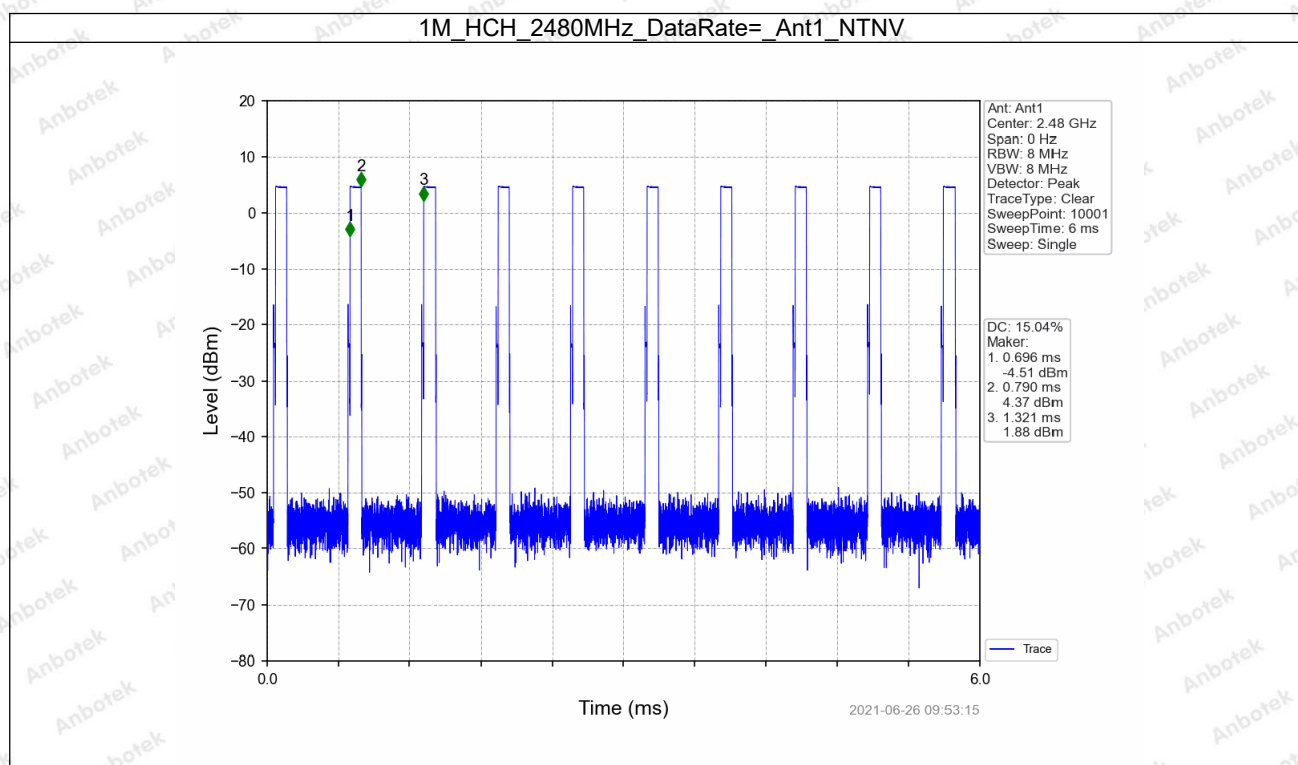
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2. Bandwidth

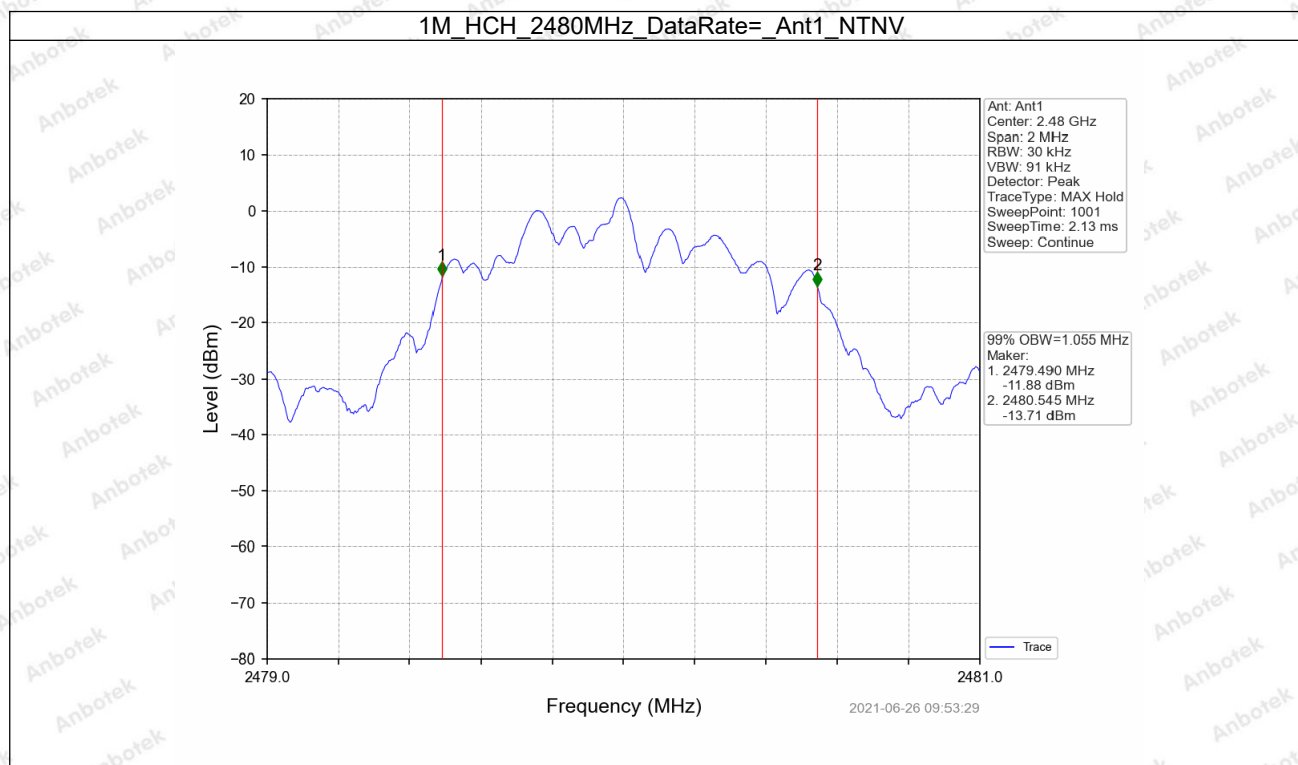
2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	1.05	/	Note1
		2440	1	1.05	/	Note1
		2480	1	1.05	/	Note1
Note1: Only for Report Use						

2.1.2 Test Graph





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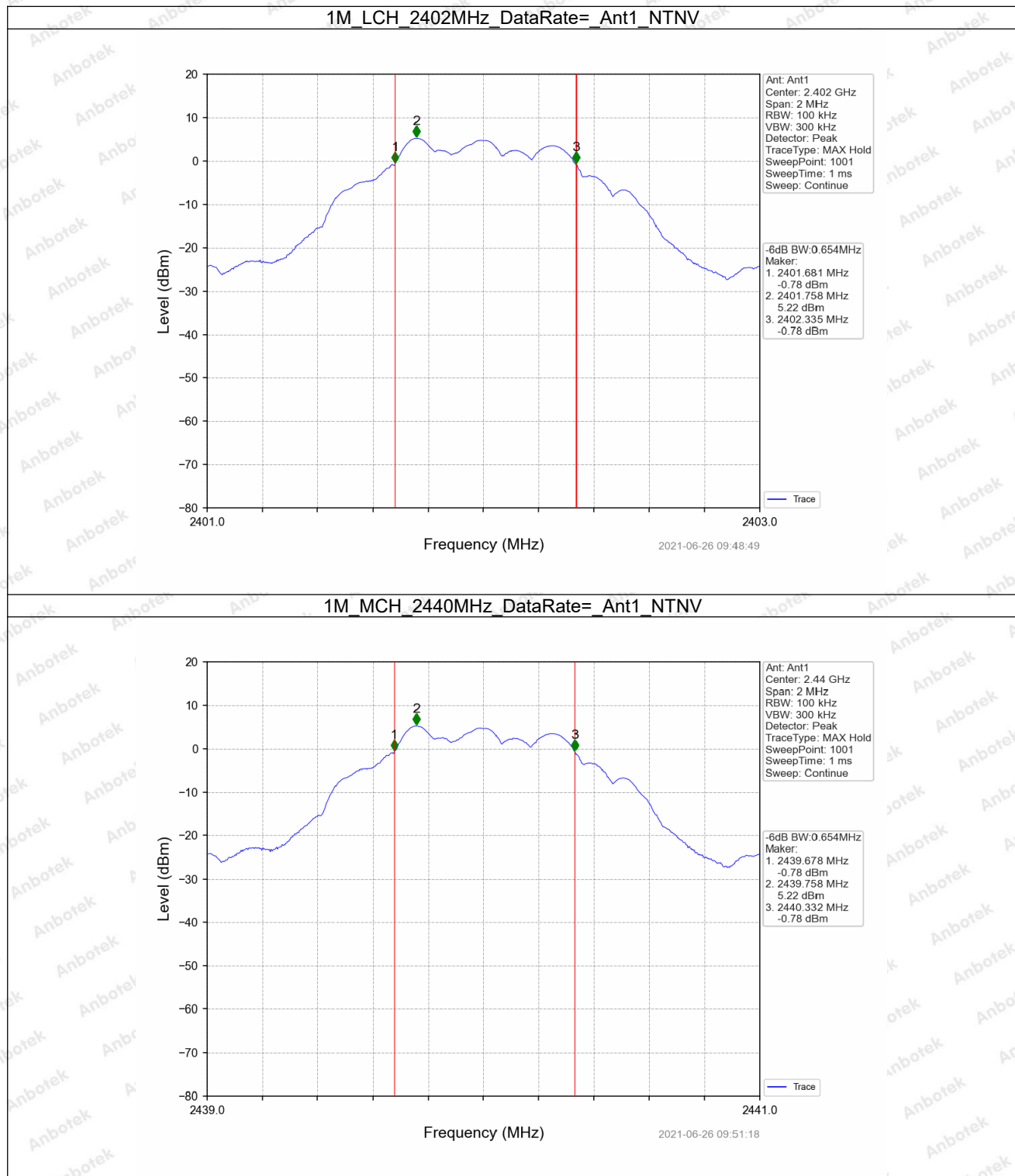
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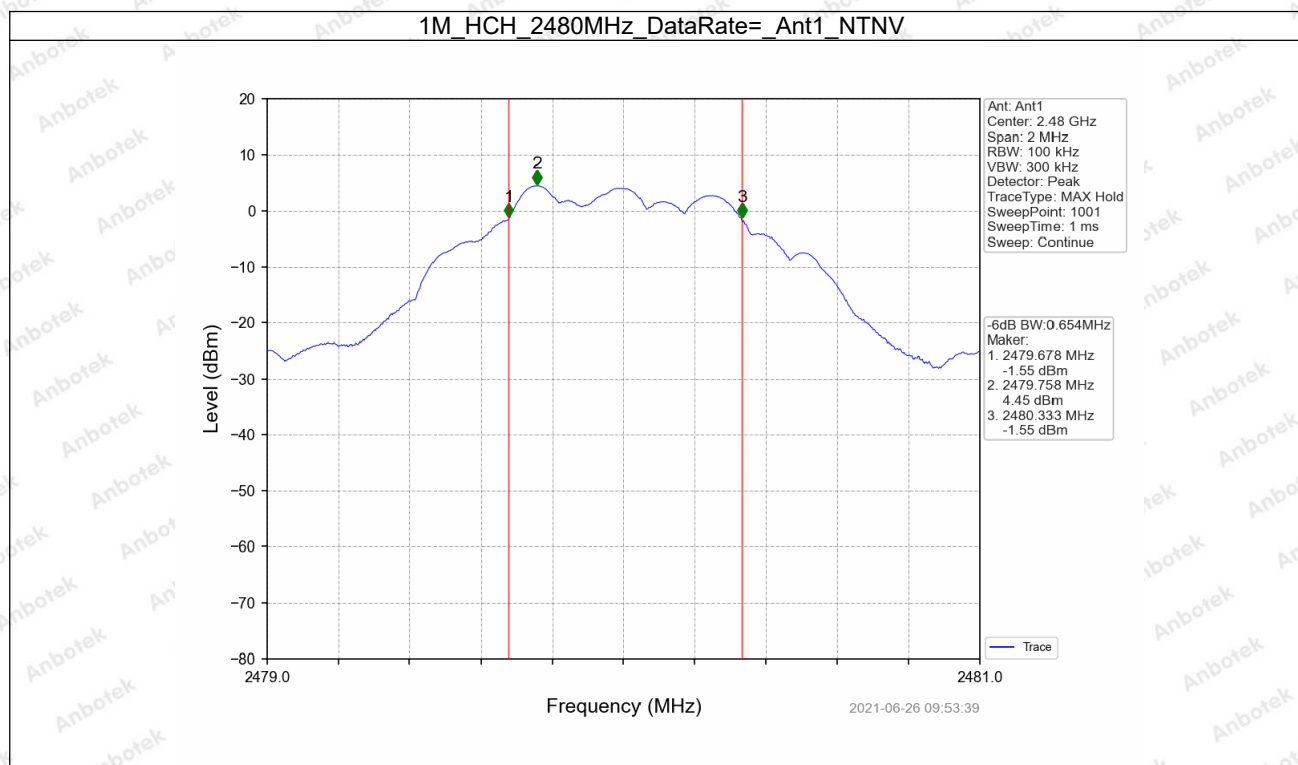
2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1M	SISO	2402	1	0.65	≥ 0.5	Pass
		2440	1	0.65	≥ 0.5	Pass
		2480	1	0.65	≥ 0.5	Pass

2.2.2 Test Graph





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3. Maximum Conducted Output Power

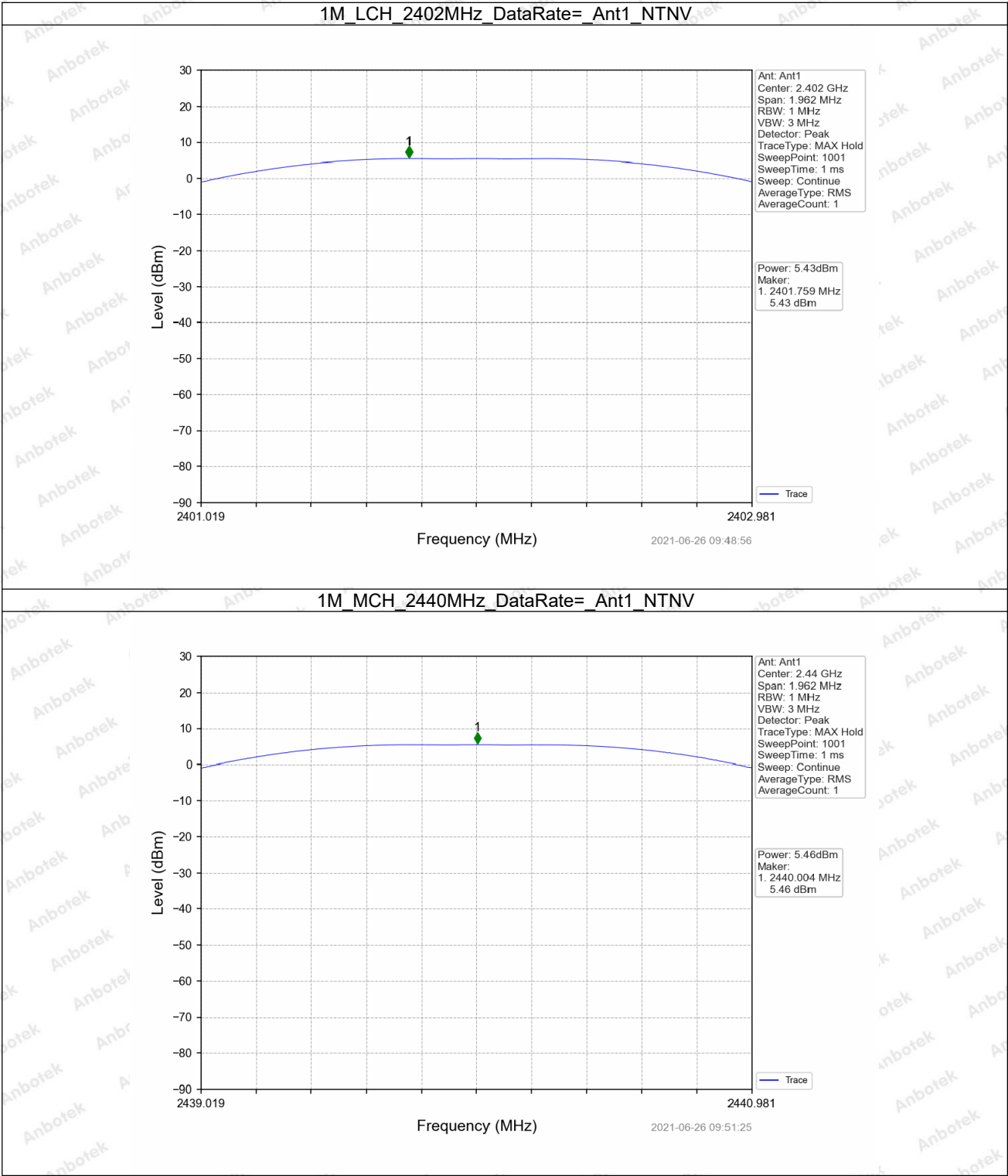
3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Peak Output Power (dBm)	Limit (dBm)	Verdict
			Ant1		
1M	SISO	2402	5.43	<=30	Pass
		2440	5.46	<=30	Pass
		2480	4.71	<=30	Pass

Note1: Antenna Gain: 0.00dBi;

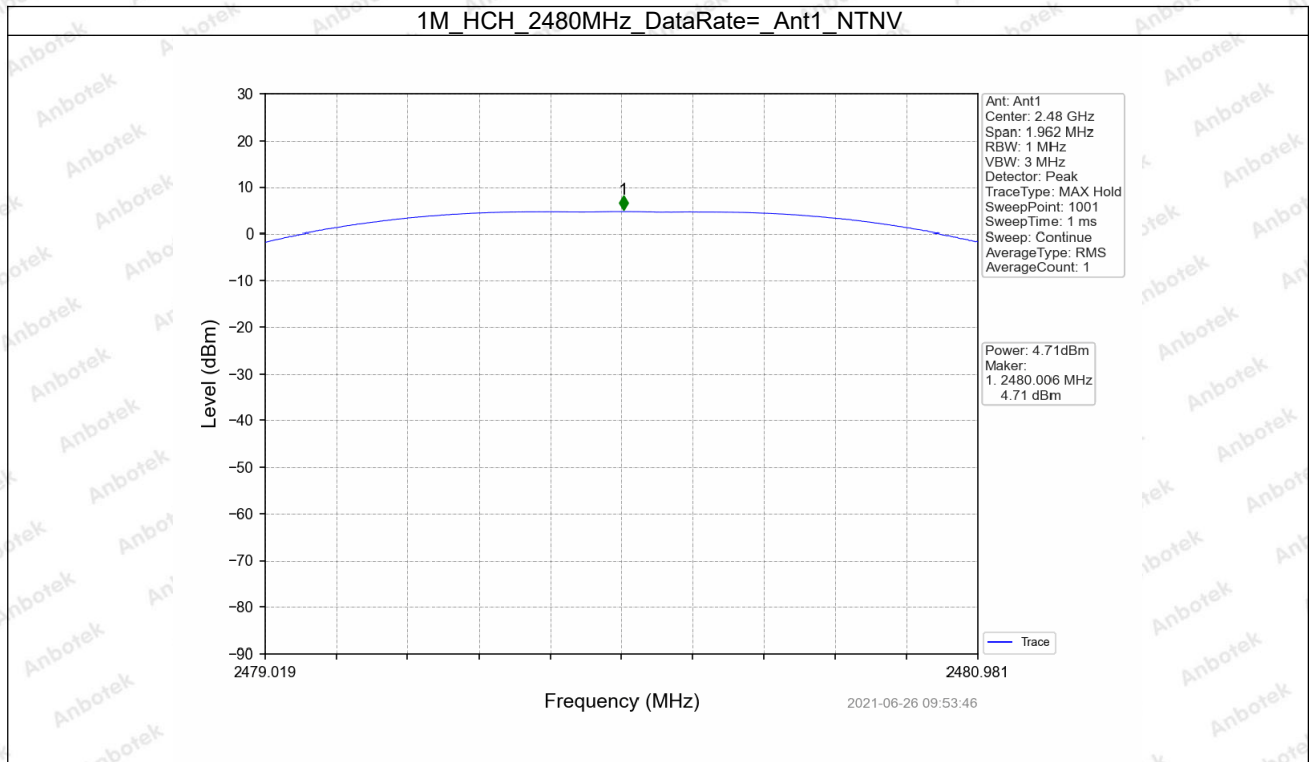
3.1.2 Test Graph



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4. Maximum Power Spectral Density

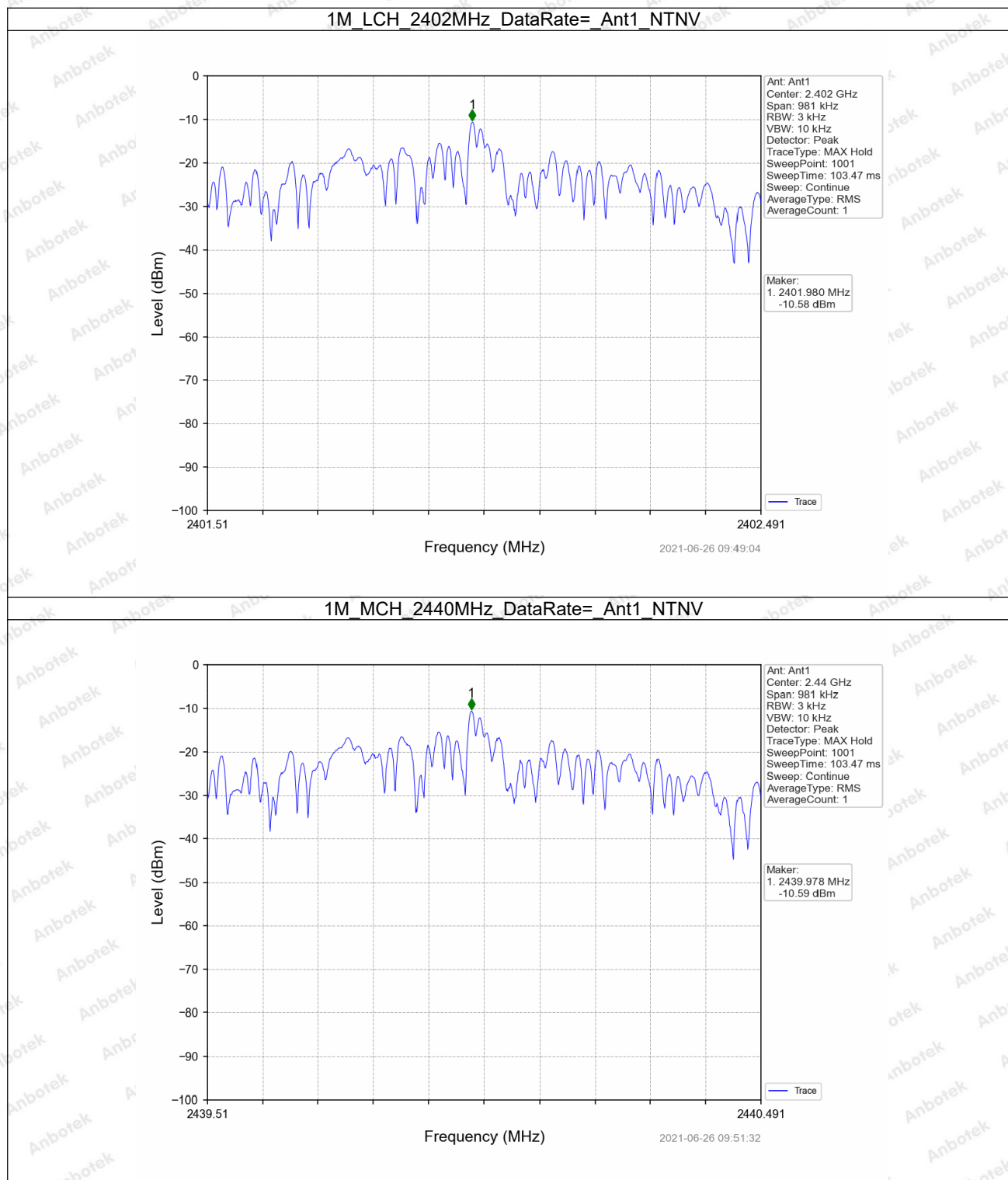
4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
			Ant1		
1M	SISO	2402	-10.58	<=8	Pass
		2440	-10.59	<=8	Pass
		2480	-11.41	<=8	Pass

Note1: Antenna Gain: 0.00dBi;

4.1.2 Test Graph

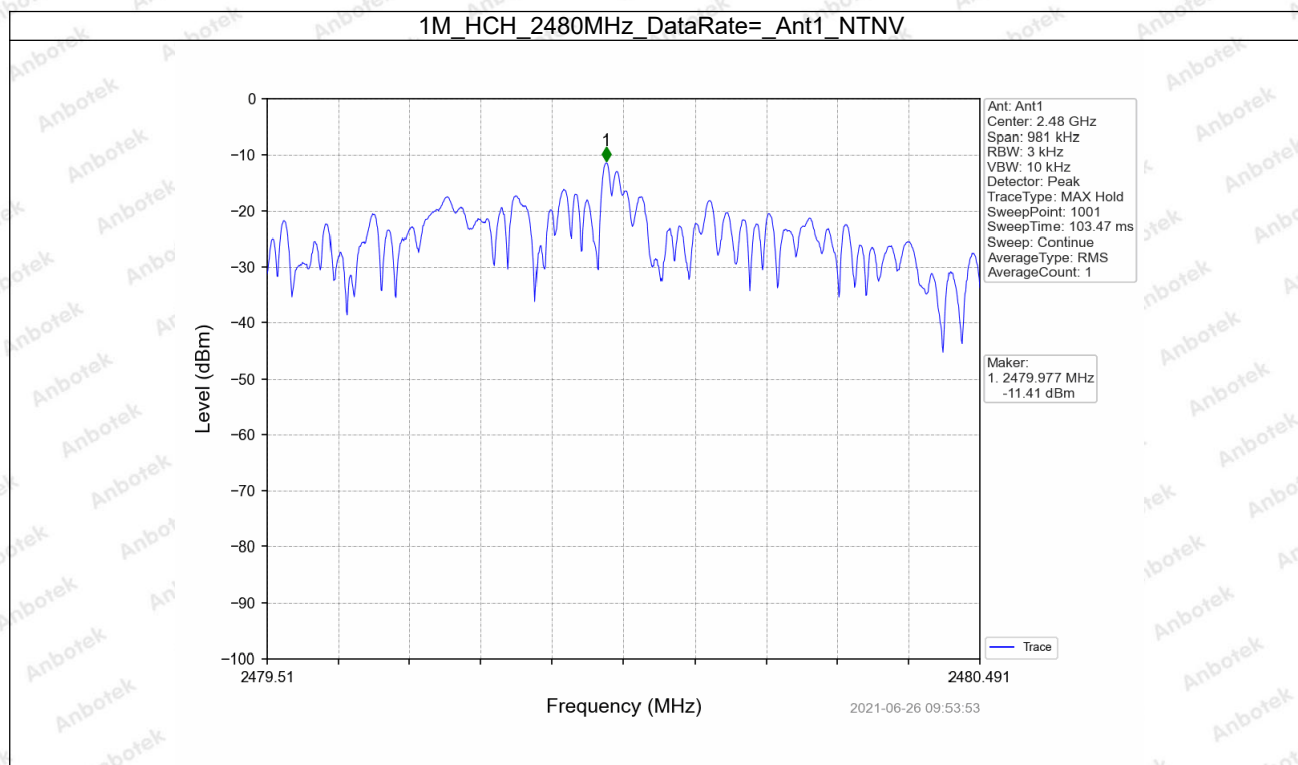


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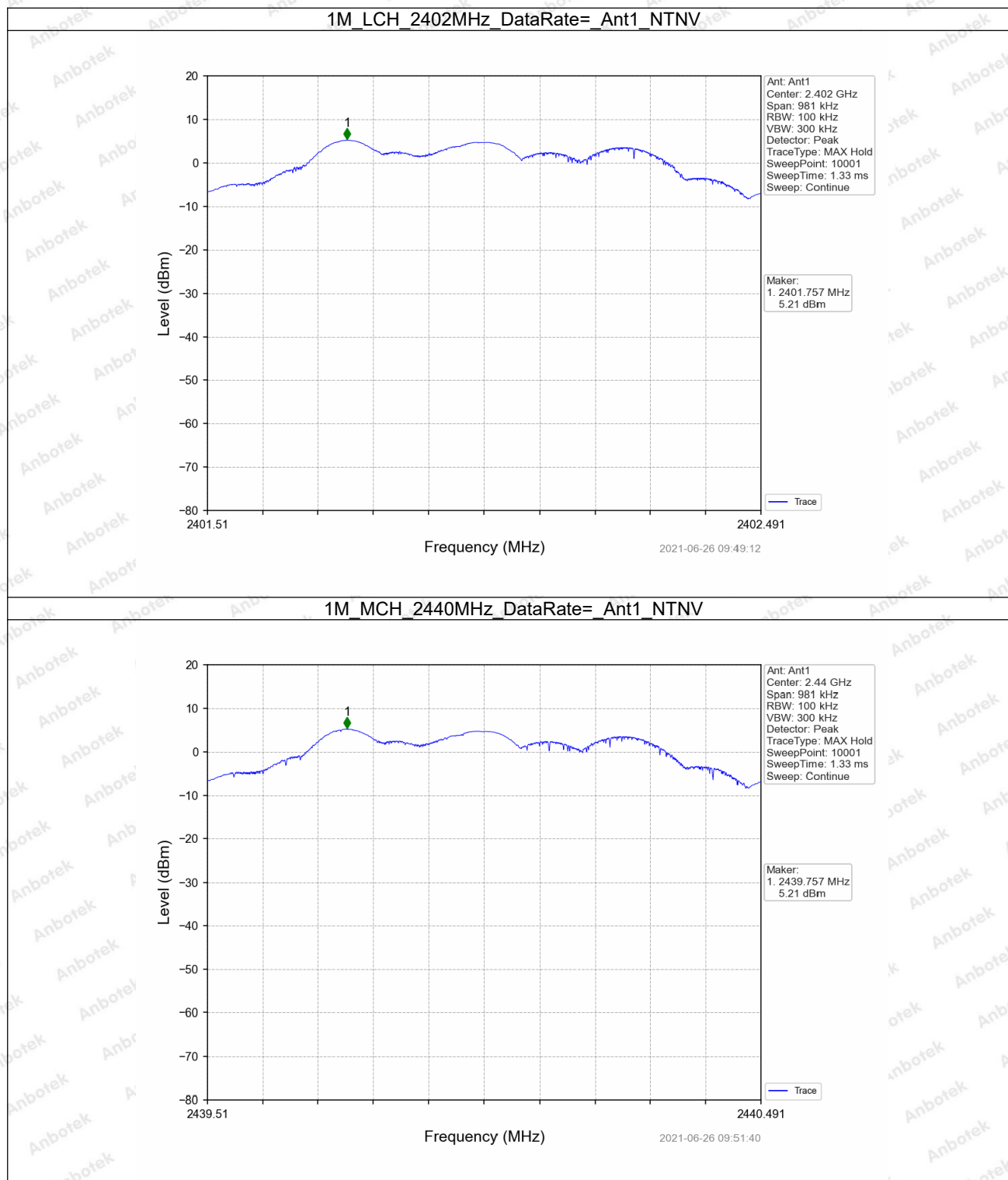
5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	5.21	/	/
		2440	1	5.21	/	/
		2480	1	4.44	/	/
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: Only for Report Use						

5.1.2 Test Graph

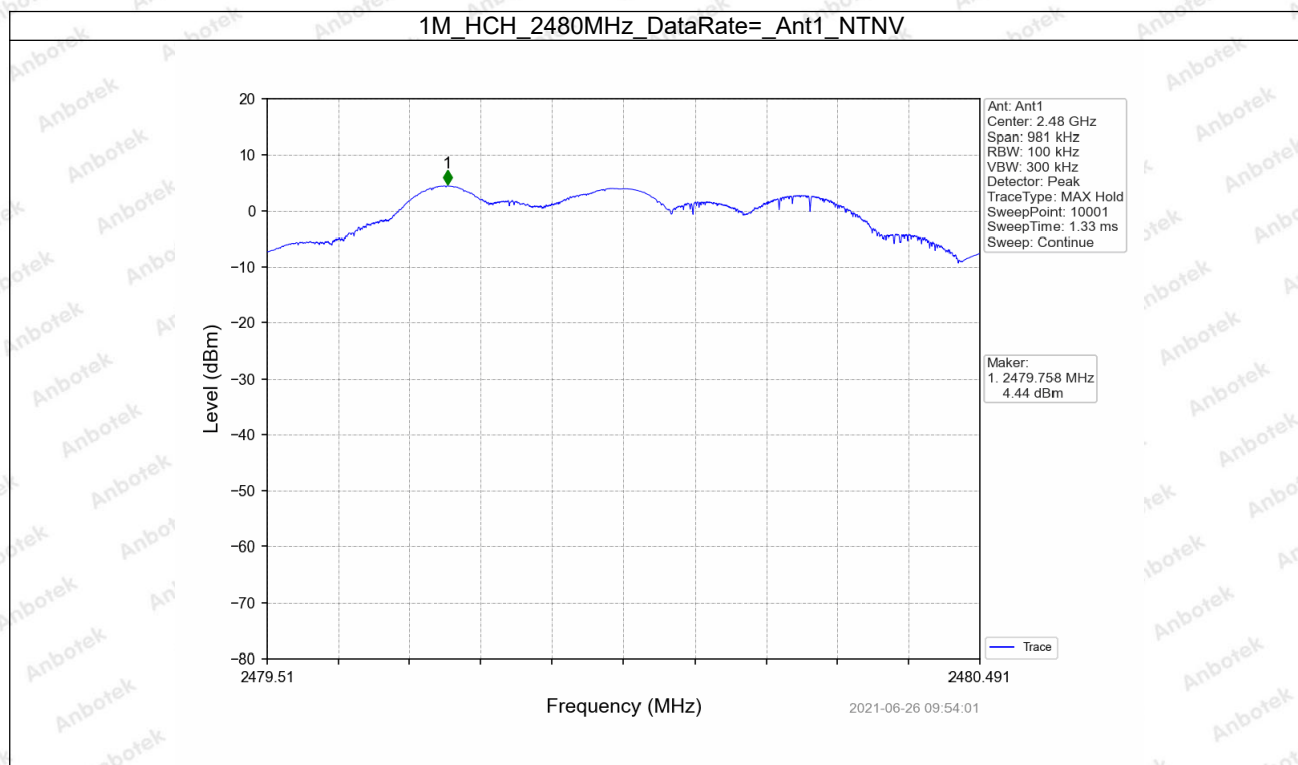


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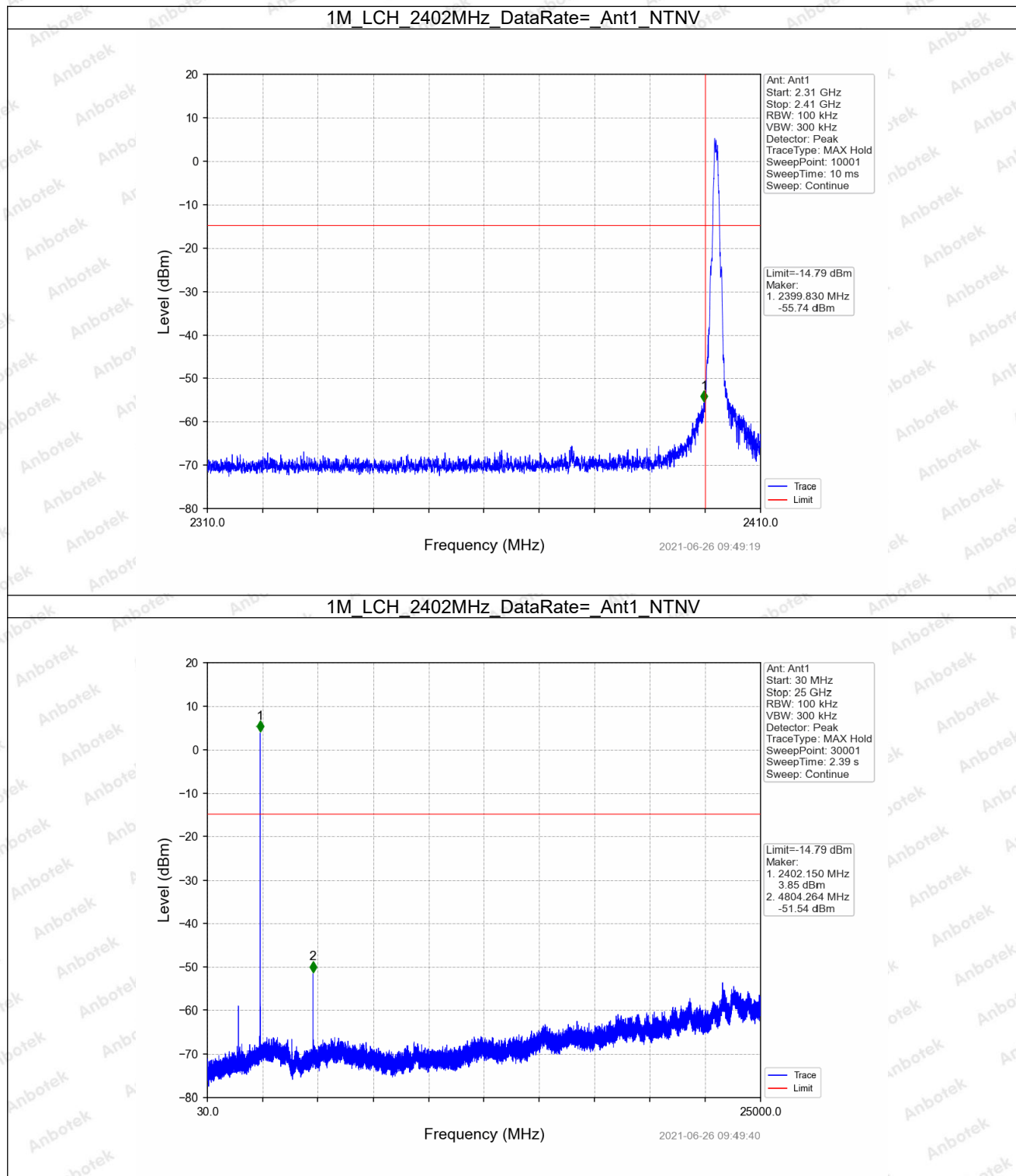
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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	Refer To Test Graph	Refer To Test Graph	Note2
		2440	1	Refer To Test Graph	Refer To Test Graph	Note2
		2480	1	Refer To Test Graph	Refer To Test Graph	Note2
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: Only for Report Use						

5.2.2 Test Graph



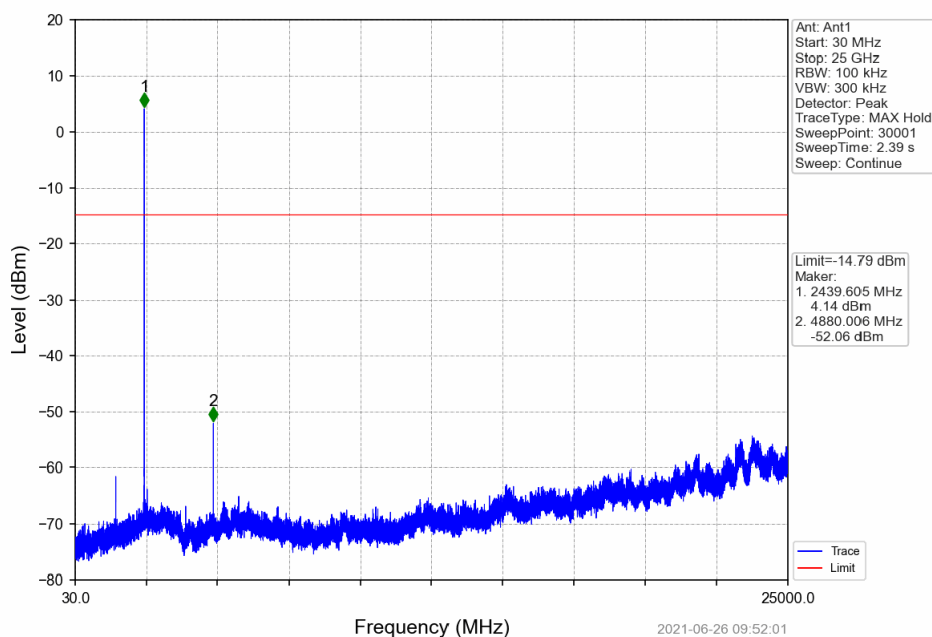
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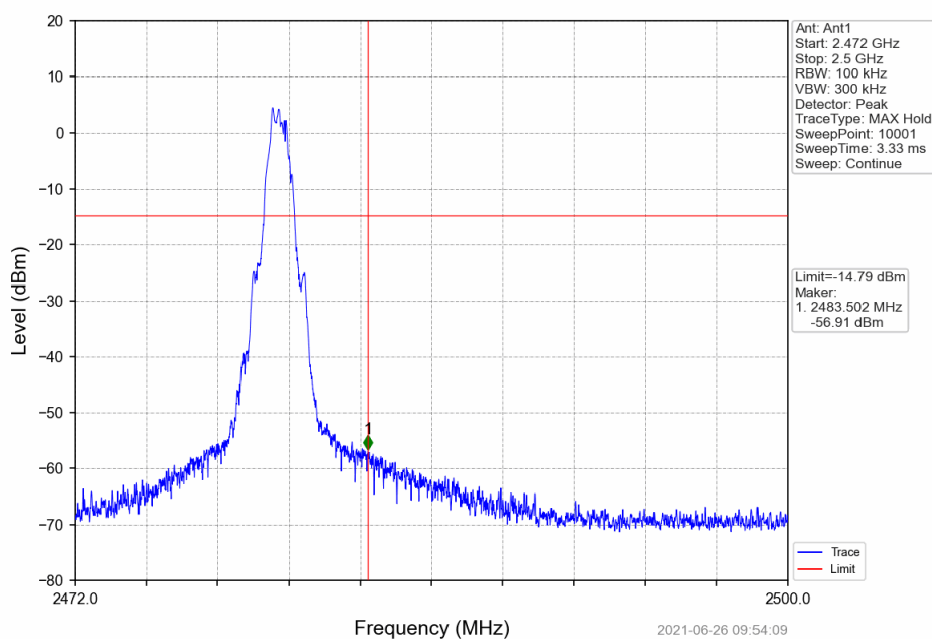
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1M_MCH_2440MHz_DataRate=_Ant1_NTNV



1M_HCH_2480MHz_DataRate=_Ant1_NTNV

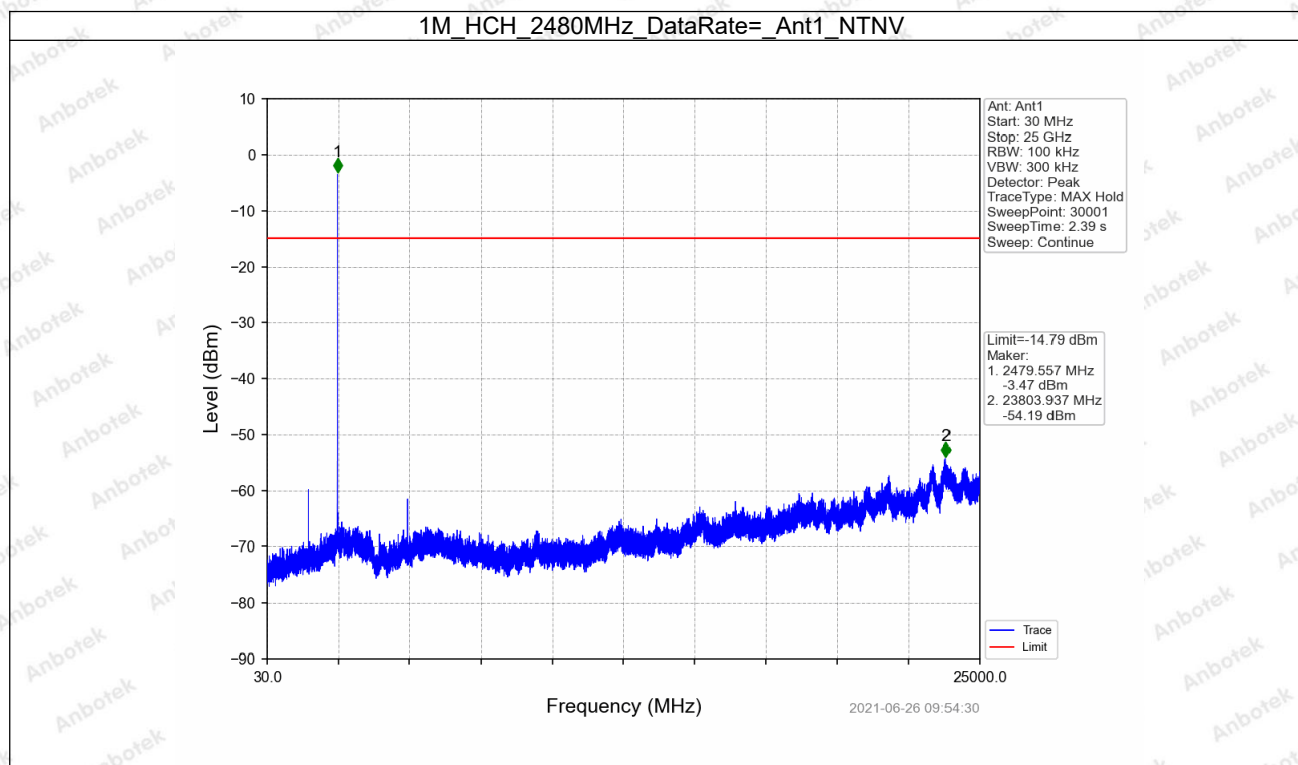


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6. Frequency Error

6.1 Ant1

6.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit	Verdict
1M	SISO	2402	20	102	2402.002	/	Note1
				120	2402.002	/	Note1
				138	2402.002	/	Note1
			-20	120	2402.004	/	Note1
			50	120	2402.003	/	Note1
		2440	20	102	2440.001	/	Note1
				120	2440.002	/	Note1
				138	2440.003	/	Note1
			-20	120	2440.003	/	Note1
			50	120	2440.000	/	Note1
		2480	20	102	2480.001	/	Note1
				120	2480.000	/	Note1
				138	2479.998	/	Note1
			-20	120	2480.000	/	Note1
			50	120	2479.999	/	Note1
Note1: Only for Report Use							

---End---