

Appendix: Bluetooth Classic

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1. Duty Cycle

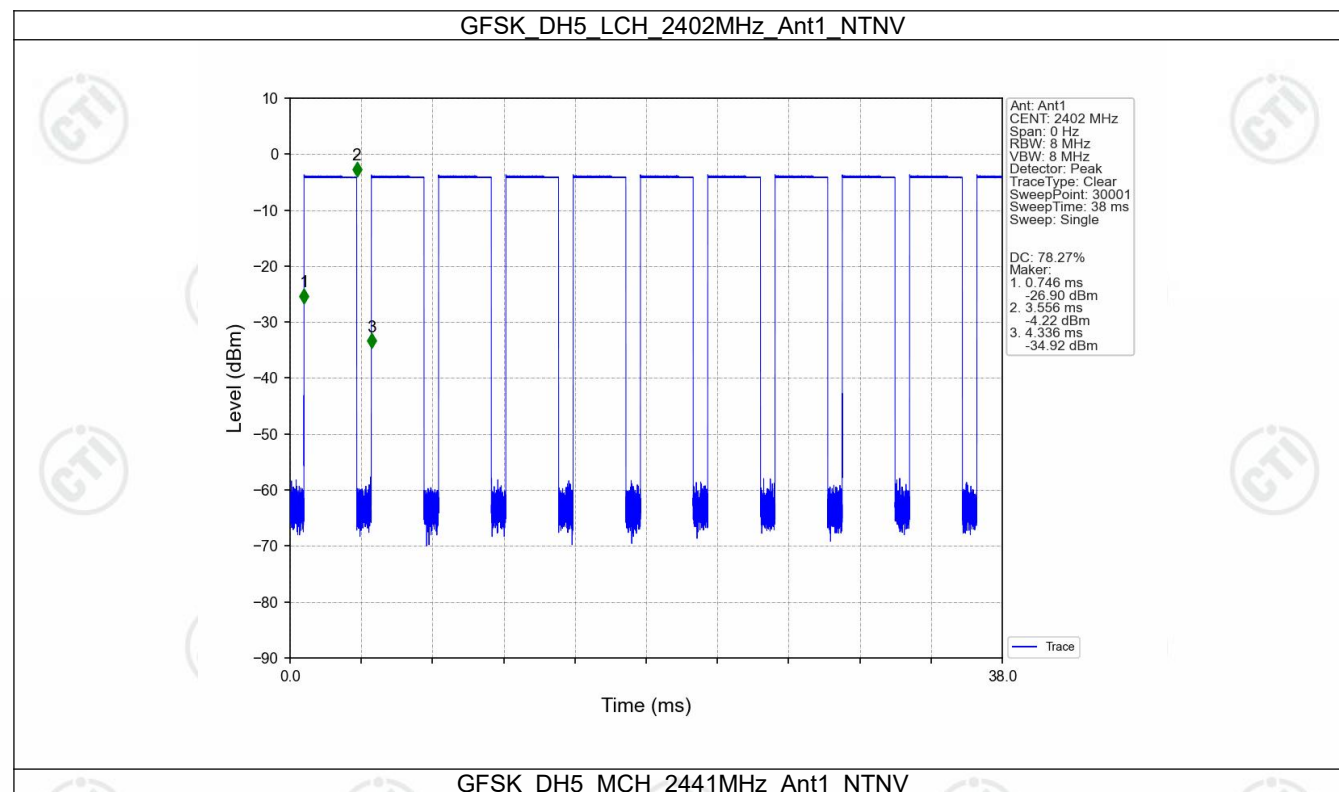
1.1 Test Result

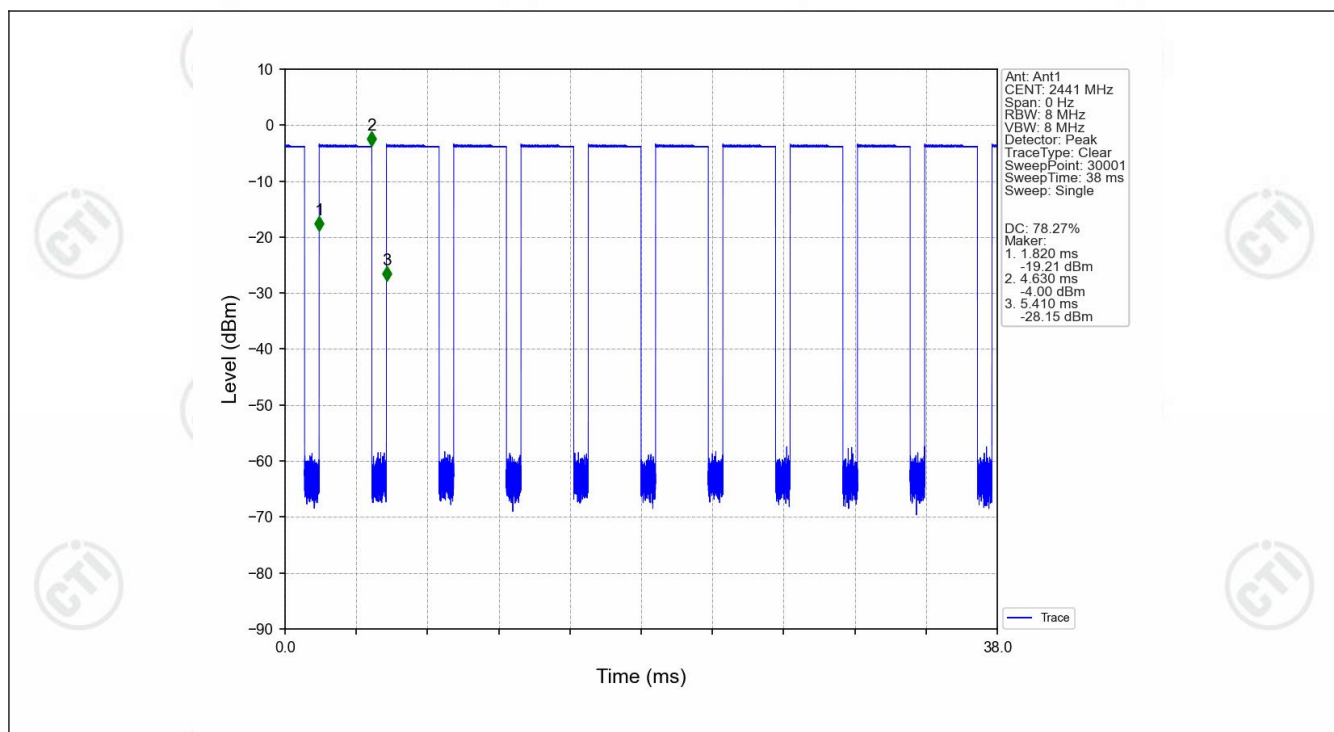
1.1.1 Ant1

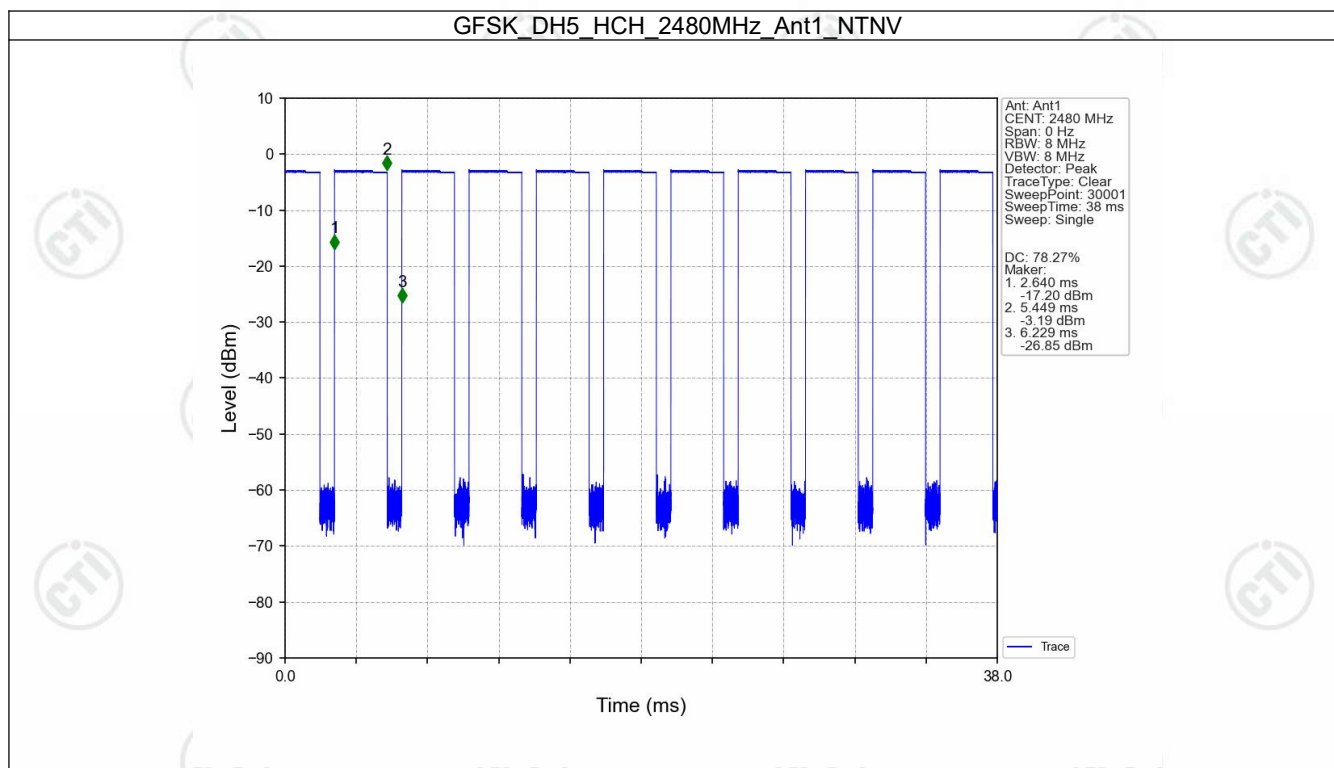
Ant1								
Mode	TX Type	Frequency (MHz)	Packet Type	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
GFSK	SISO	2402	DH5	2.810	3.590	78.27	1.06	0.01
		2441	DH5	2.810	3.590	78.27	1.06	0.01
		2480	DH5	2.809	3.589	78.27	1.06	0.01

1.2 Test Graph

1.2.1 Ant1







2. Bandwidth

2.1 Test Result

2.1.1 OBW

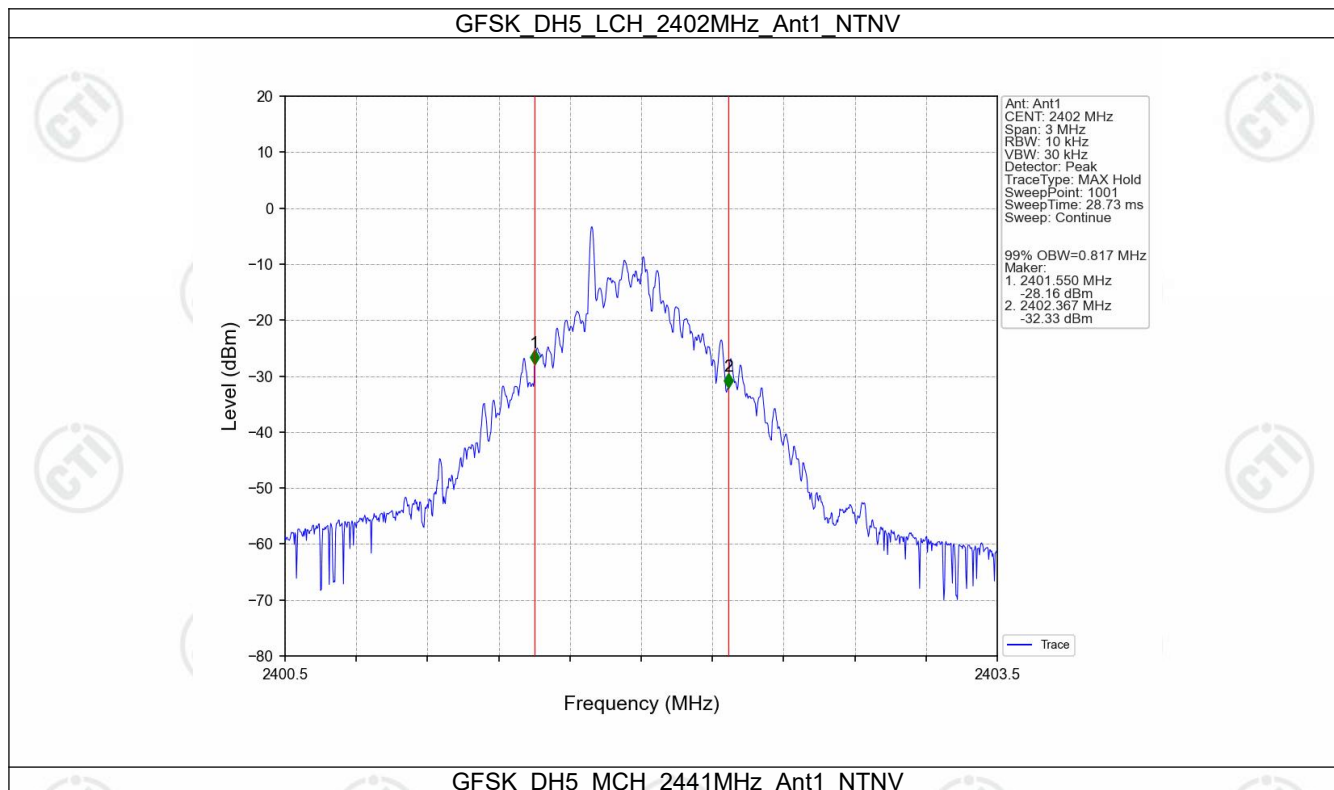
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.817	/	Pass
		2441	DH5	1	0.810	/	Pass
		2480	DH5	1	0.810	/	Pass

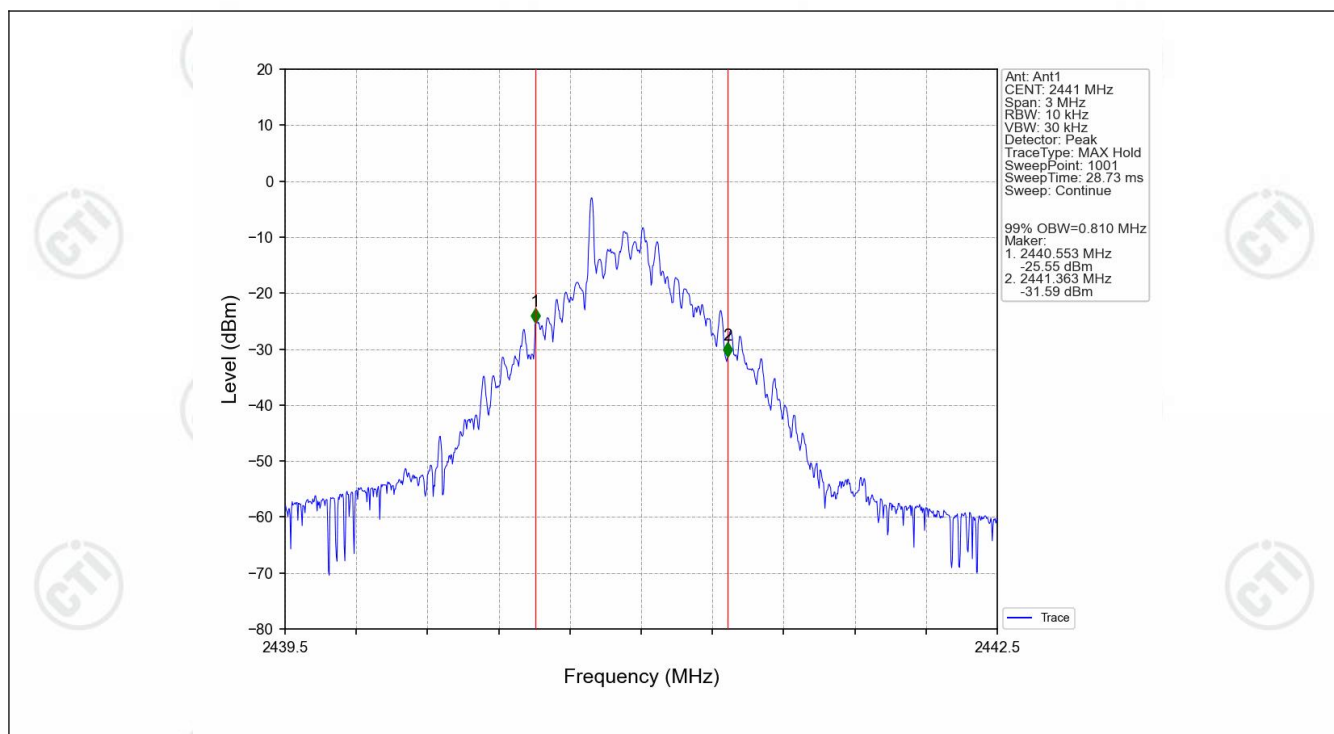
2.1.2 20dB BW

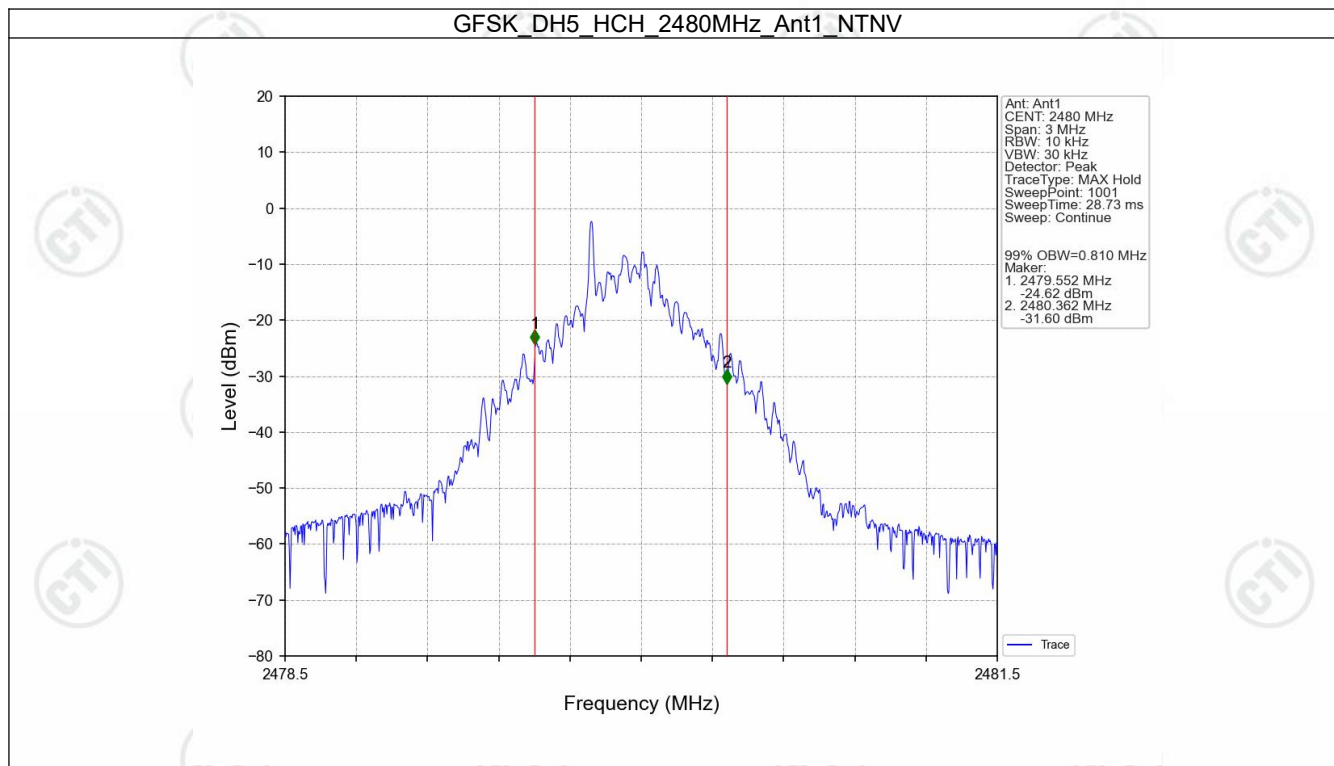
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.623	/	Pass
		2441	DH5	1	0.701	/	Pass
		2480	DH5	1	0.623	/	Pass

2.2 Test Graph

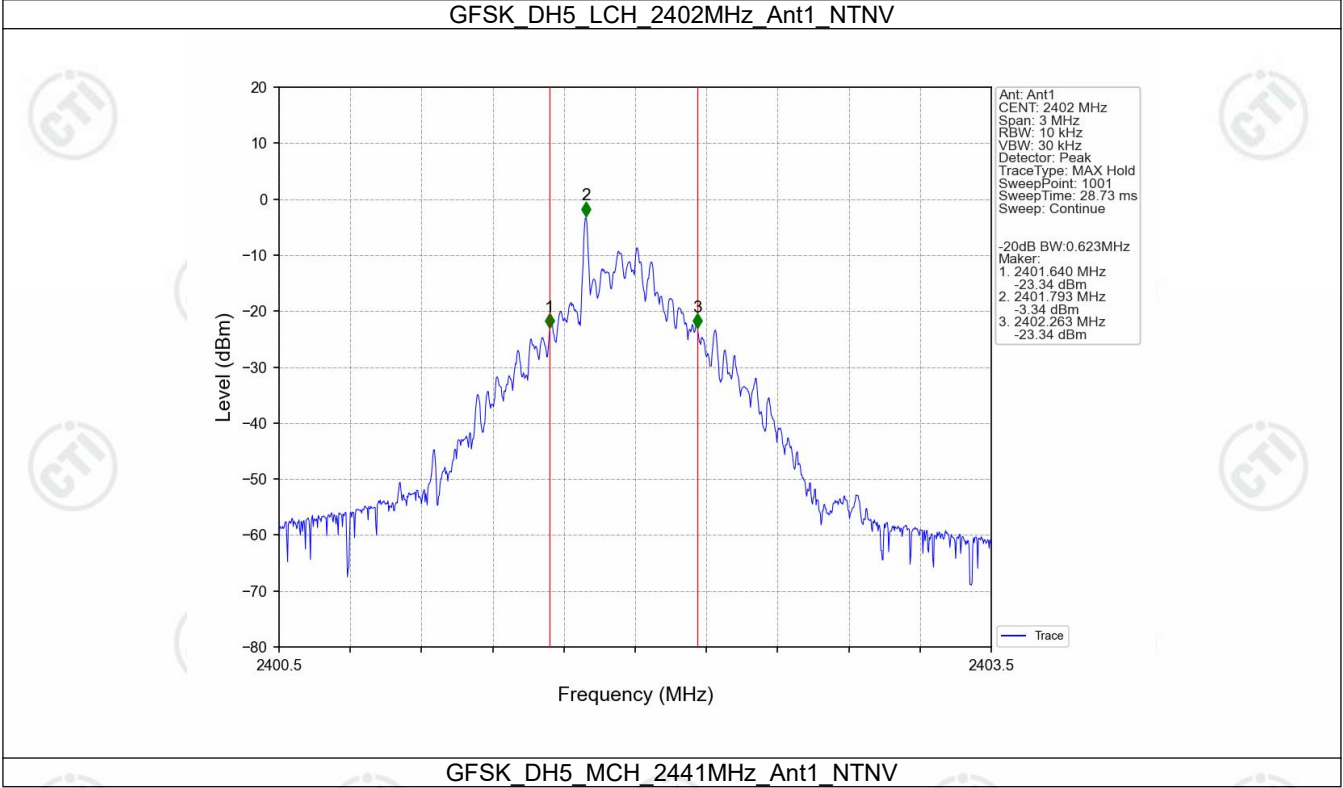
2.2.1 OBW

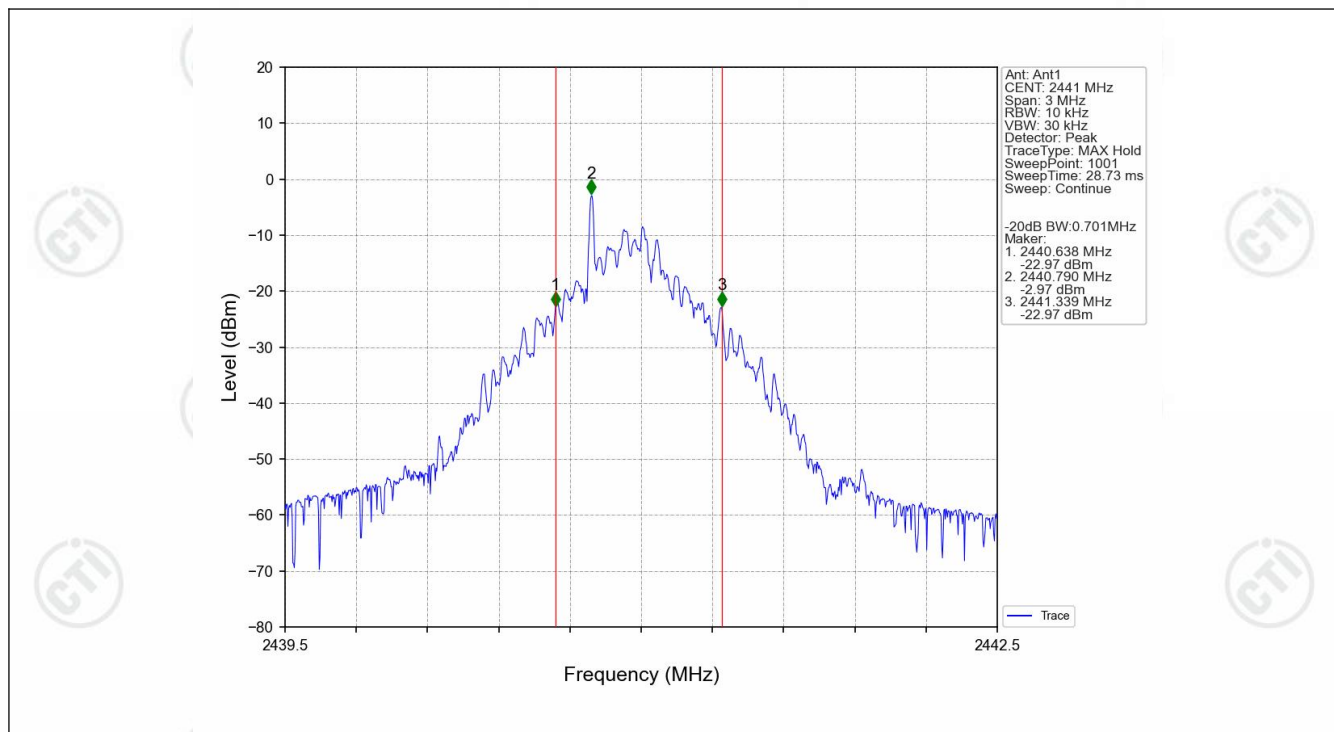


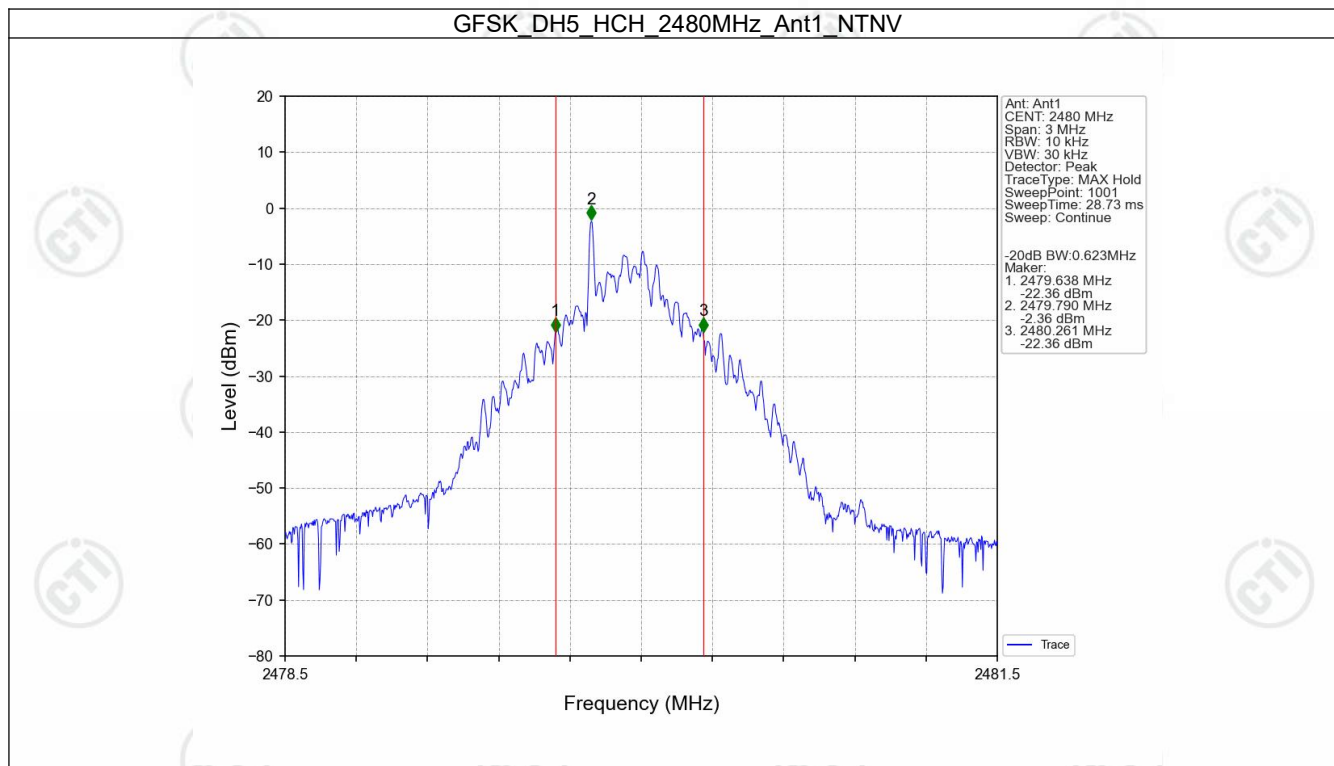




2.2.2 20dB BW







3. Maximum Conducted Output Power

3.1 Test Result

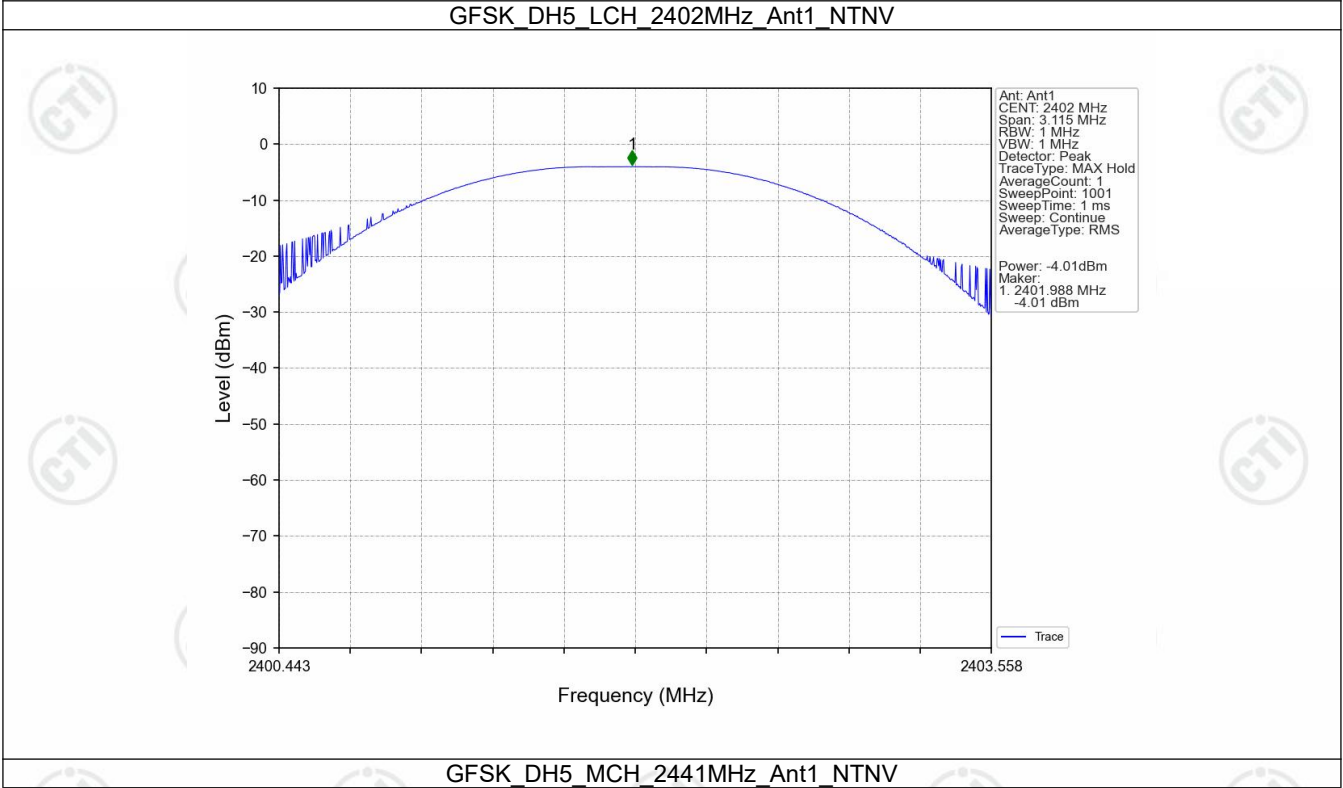
3.1.1 Power

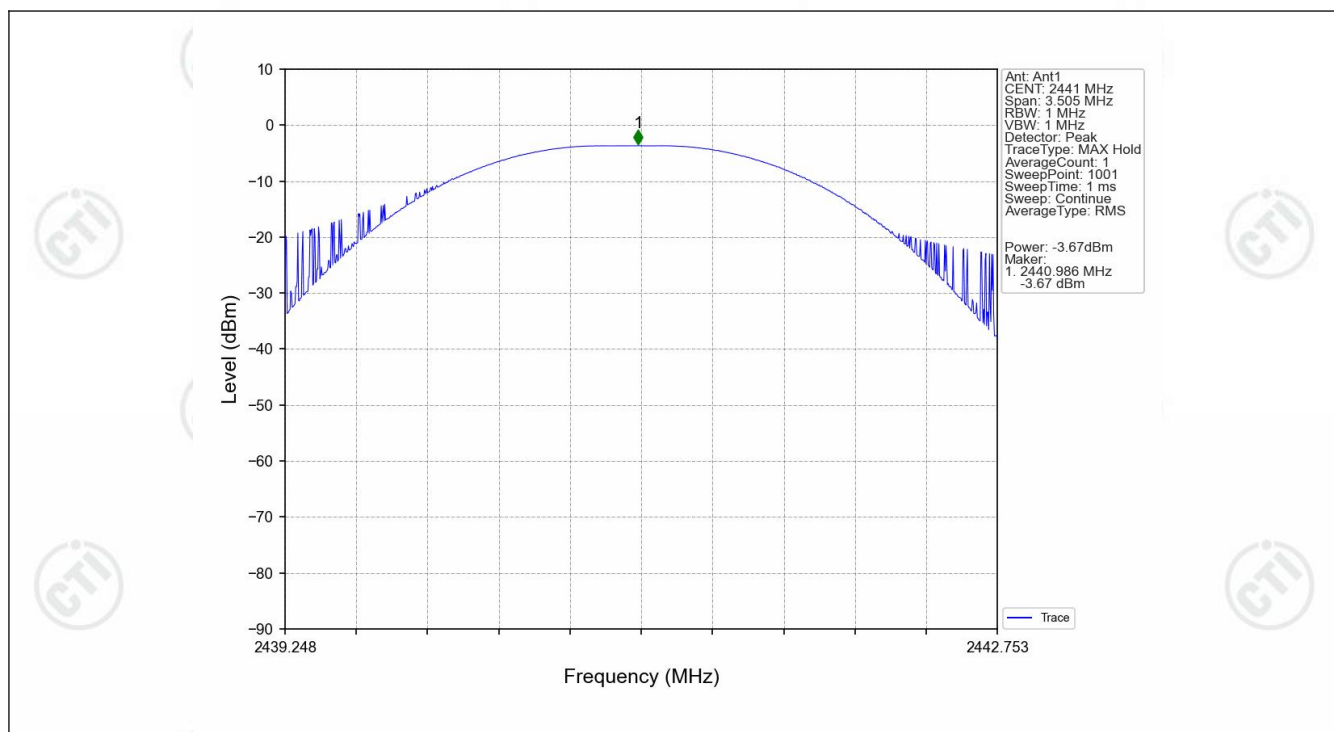
Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	-4.01	<=30	Pass
		2441	DH5	-3.67	<=30	Pass
		2480	DH5	-3.05	<=30	Pass

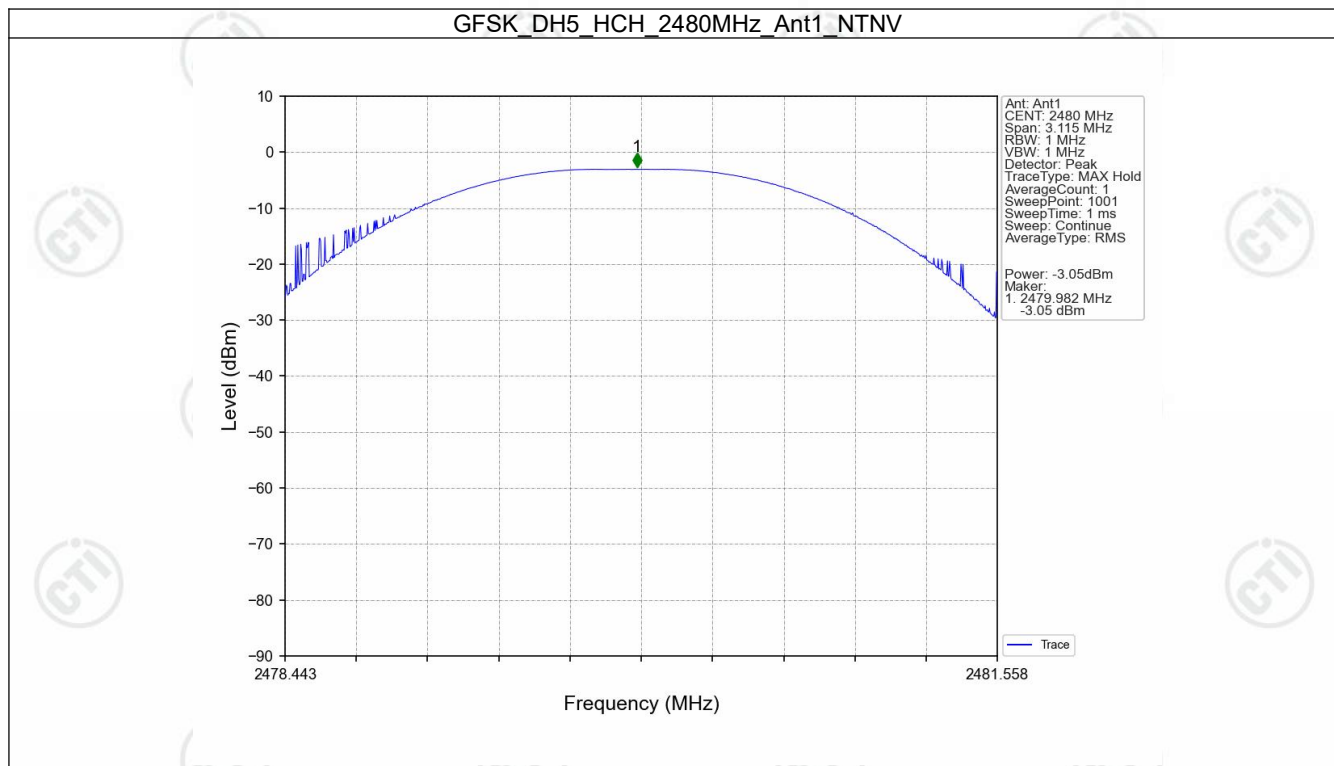
Note1: Antenna Gain: Ant1: 2.58dBi;

3.2 Test Graph

3.2.1 Power







4. Carrier Frequency Separation

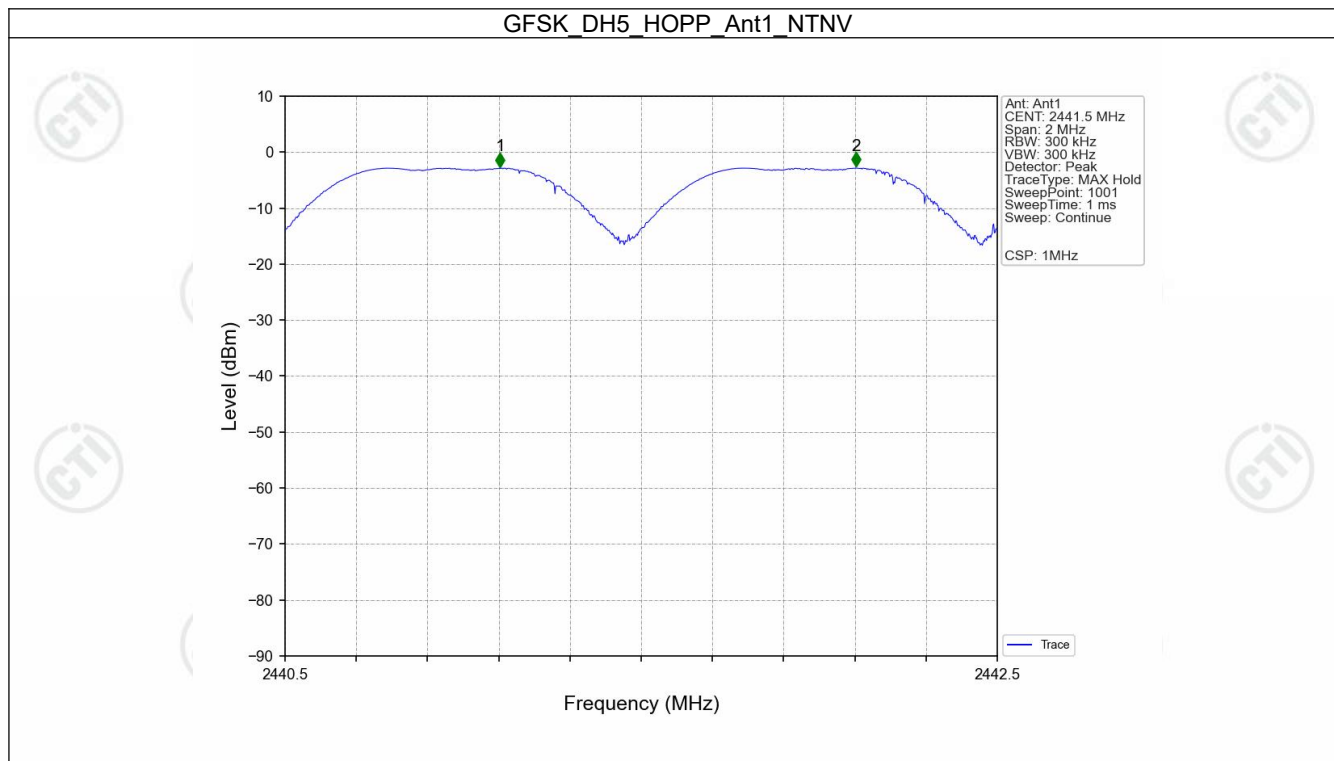
4.1 Test Result

4.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	1.000	0.701	≥ 0.701	Pass

4.2 Test Graph

4.2.1 Ant1



5. Number of Hopping Frequencies

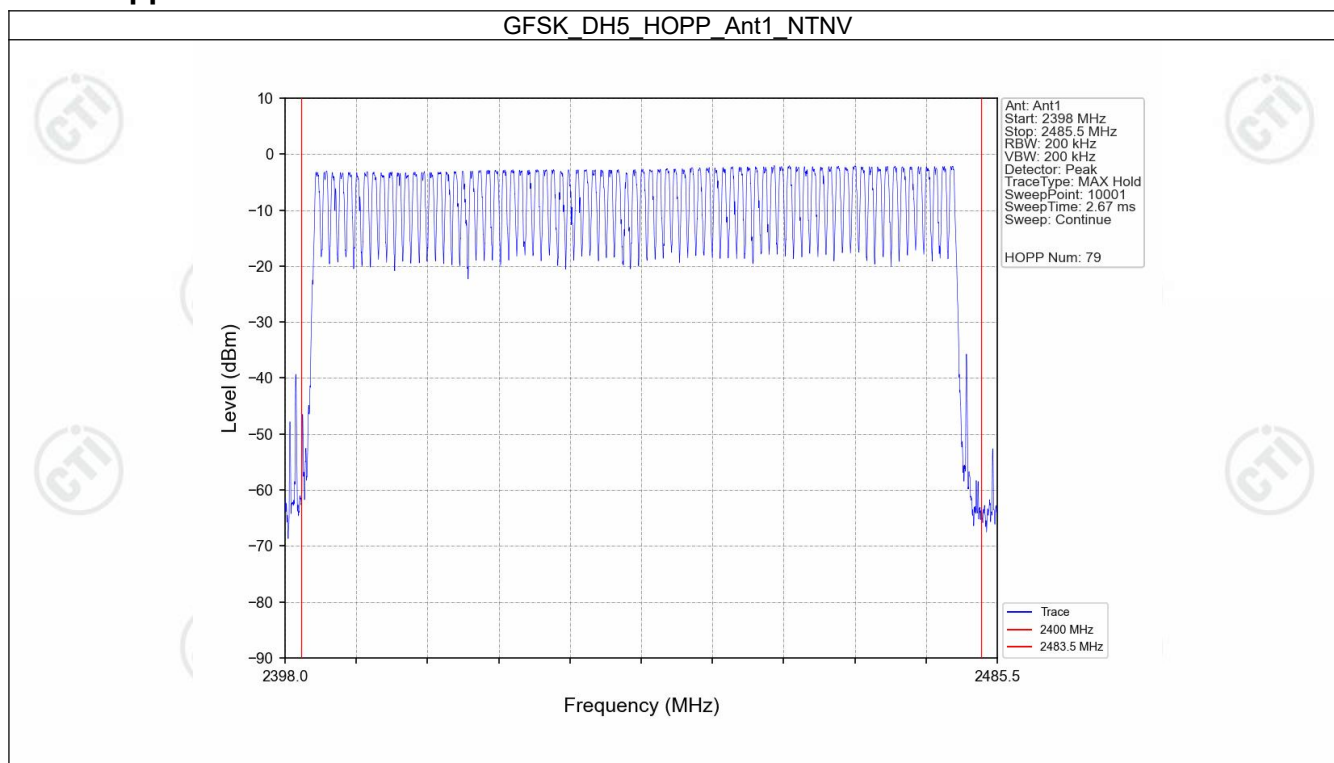
5.1 Test Result

5.1.1 HoppNum

Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT1	Limit	
GFSK	SISO	HOPP	DH5	79	>=15	Pass

5.2 Test Graph

5.2.1 HoppNum



6. Time of Occupancy (Dwell Time)

6.1 Test Result

6.1.1 Ant1

Ant1									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH1	0.412	31.600	53	21.836	<=400	Pass
			DH3	1.614	31.600	46	74.244	<=400	Pass
			DH5	2.814	31.600	40	112.560	<=400	Pass

6.2 Test Graph

6.2.1 Ant1

