

Appendix: Bluetooth Classic

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1. Duty Cycle

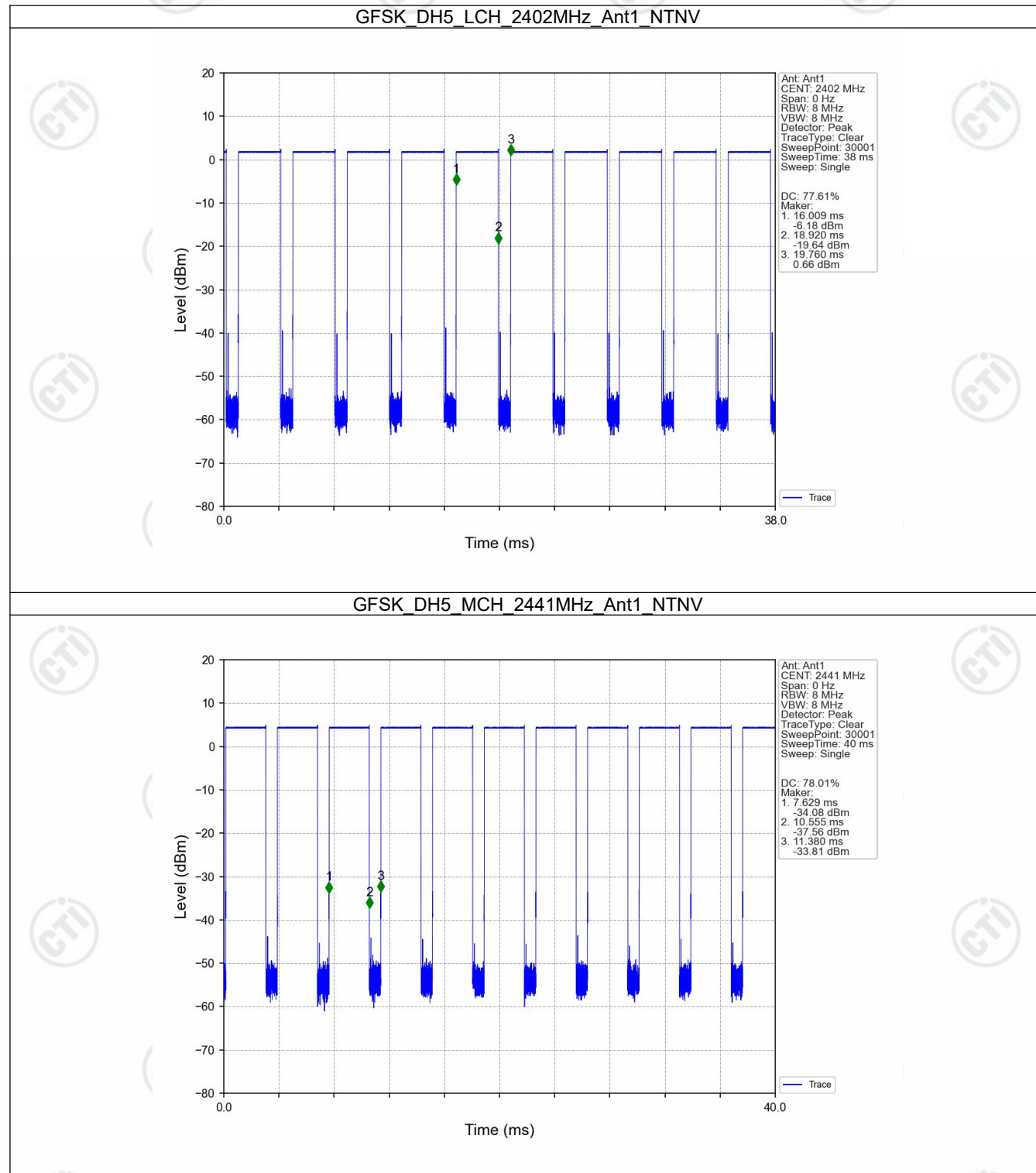
1.1 Test Result

1.1.1 Ant1

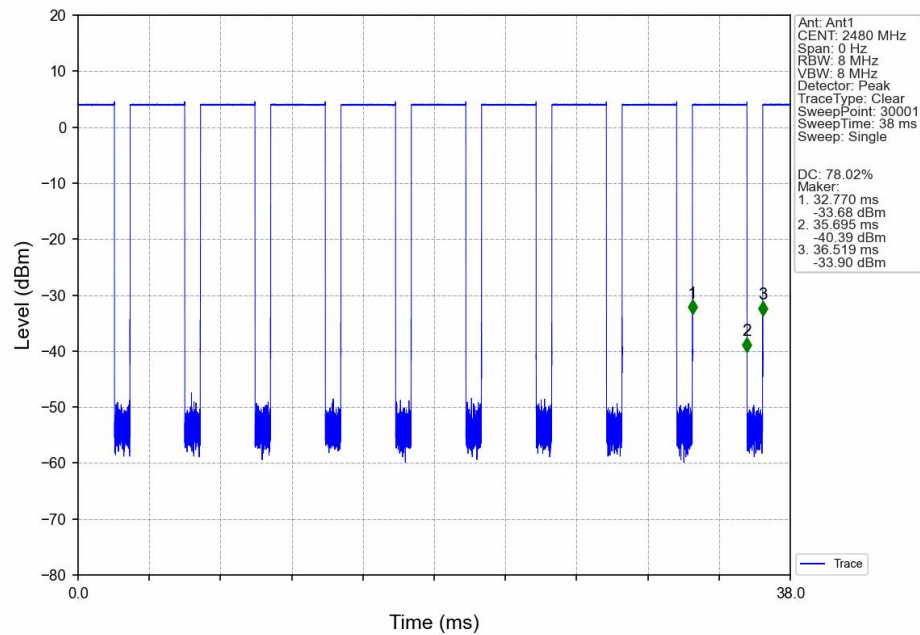
Ant1								
Mode	TX Type	Frequency (MHz)	Packet Type	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
GFSK	SISO	2402	DH5	2.911	3.751	77.61	1.10	0.03
		2441	DH5	2.926	3.751	78.01	1.08	0.04
		2480	DH5	2.925	3.749	78.02	1.08	0.03
Pi/4DQPSK	SISO	2402	2DH5	2.913	3.750	77.68	1.10	0.06
		2441	2DH5	2.912	3.749	77.67	1.10	0.07
		2480	2DH5	2.913	3.750	77.68	1.10	0.06
8DPSK	SISO	2402	3DH5	2.912	3.751	77.63	1.10	0.03
		2441	3DH5	2.910	3.749	77.62	1.10	0.03
		2480	3DH5	2.911	3.749	77.65	1.10	0.07

1.2 Test Graph

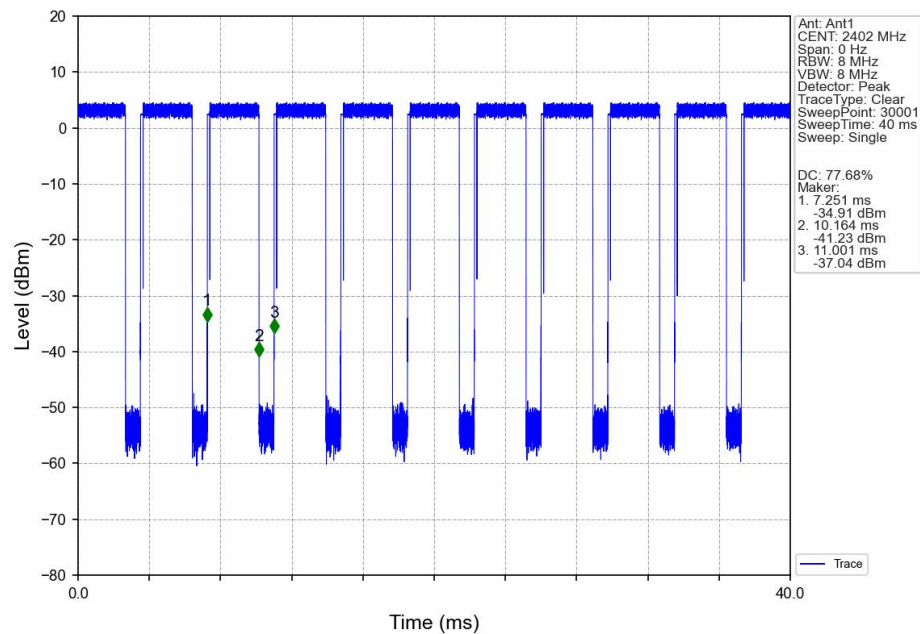
1.2.1 Ant1



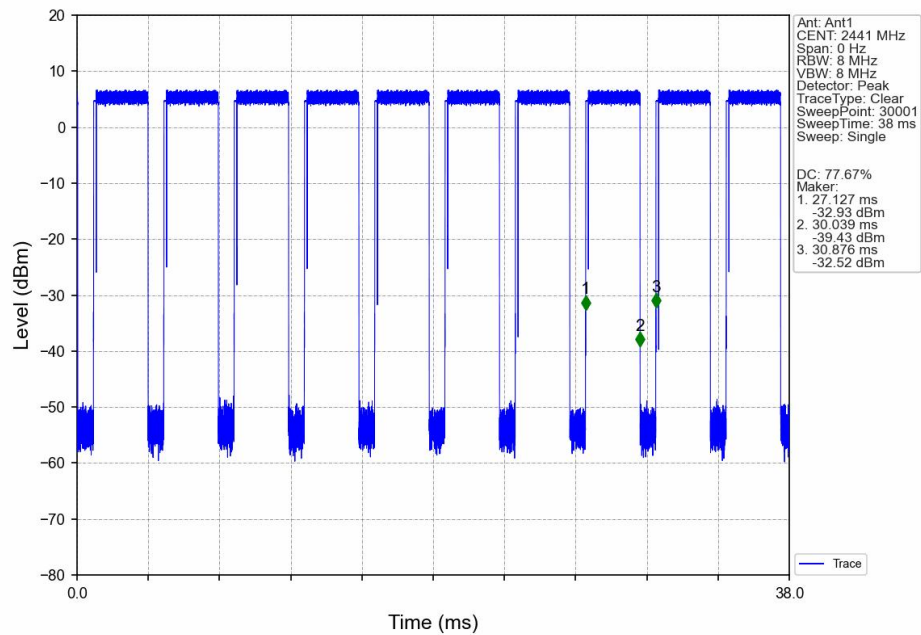
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



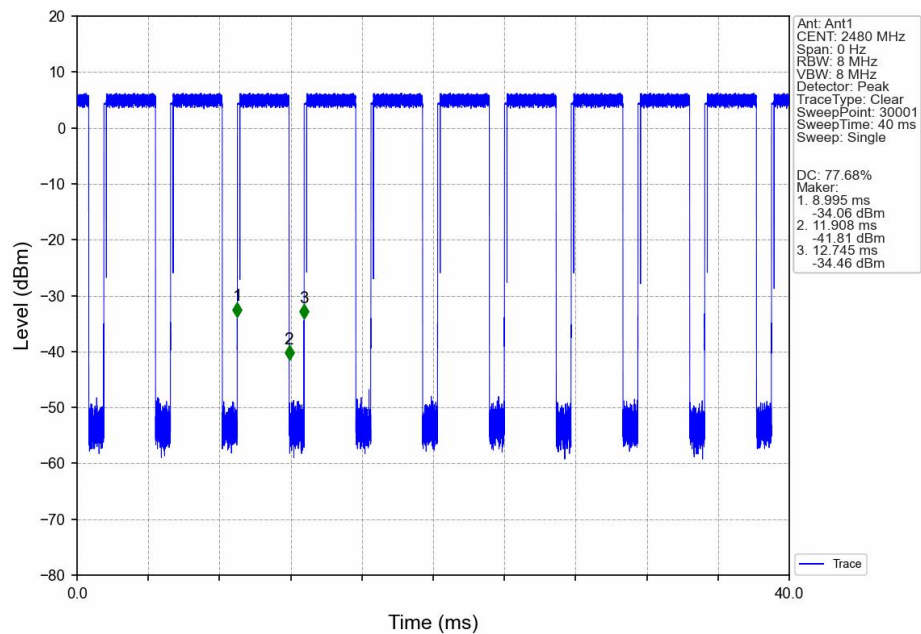
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



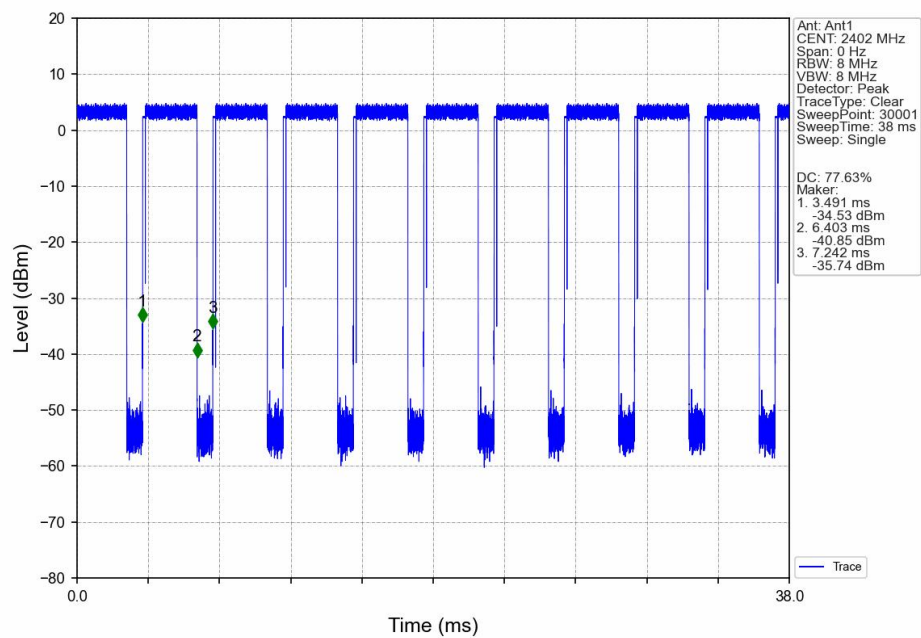
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



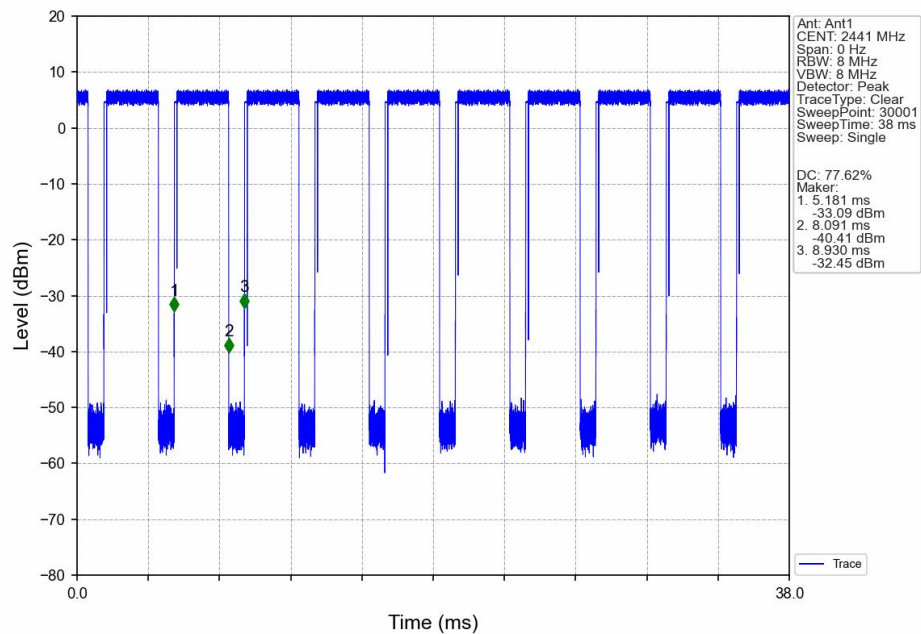
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

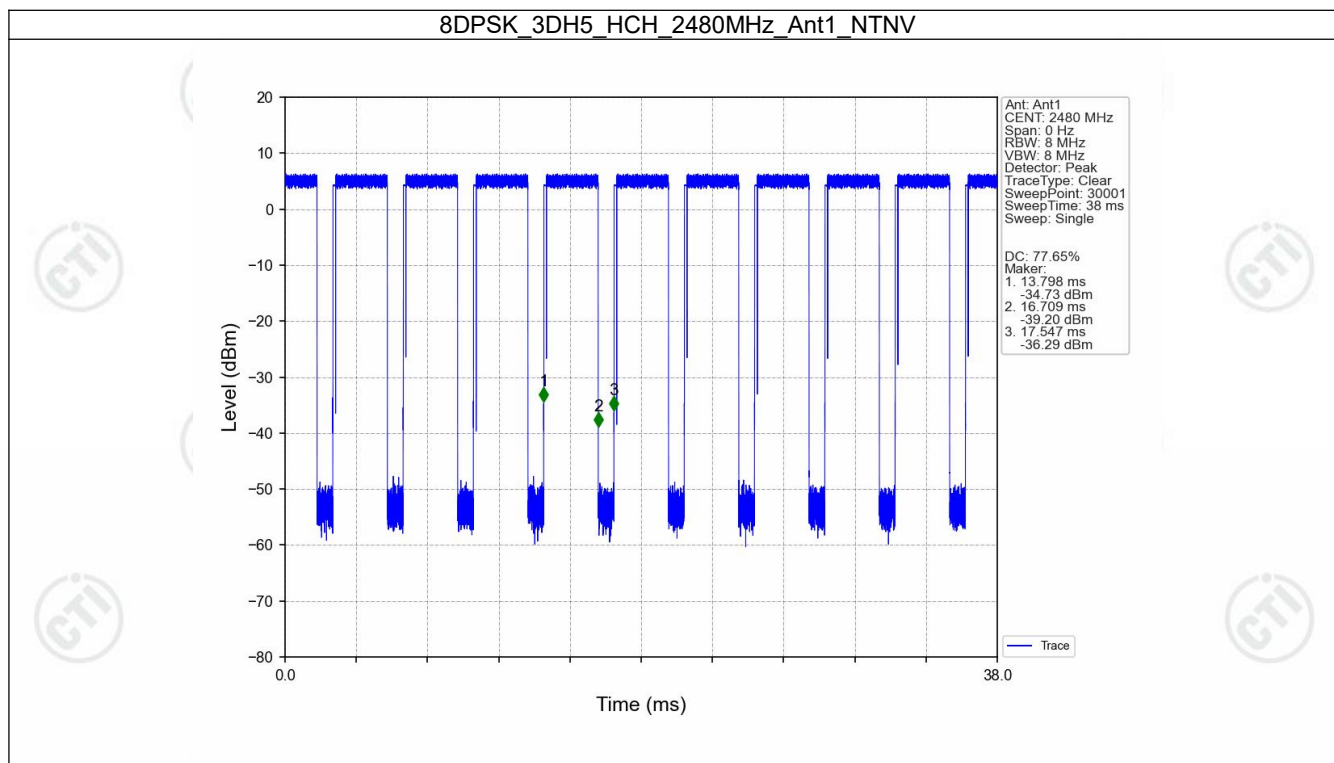


8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV





2. Bandwidth

2.1 Test Result

2.1.1 OBW

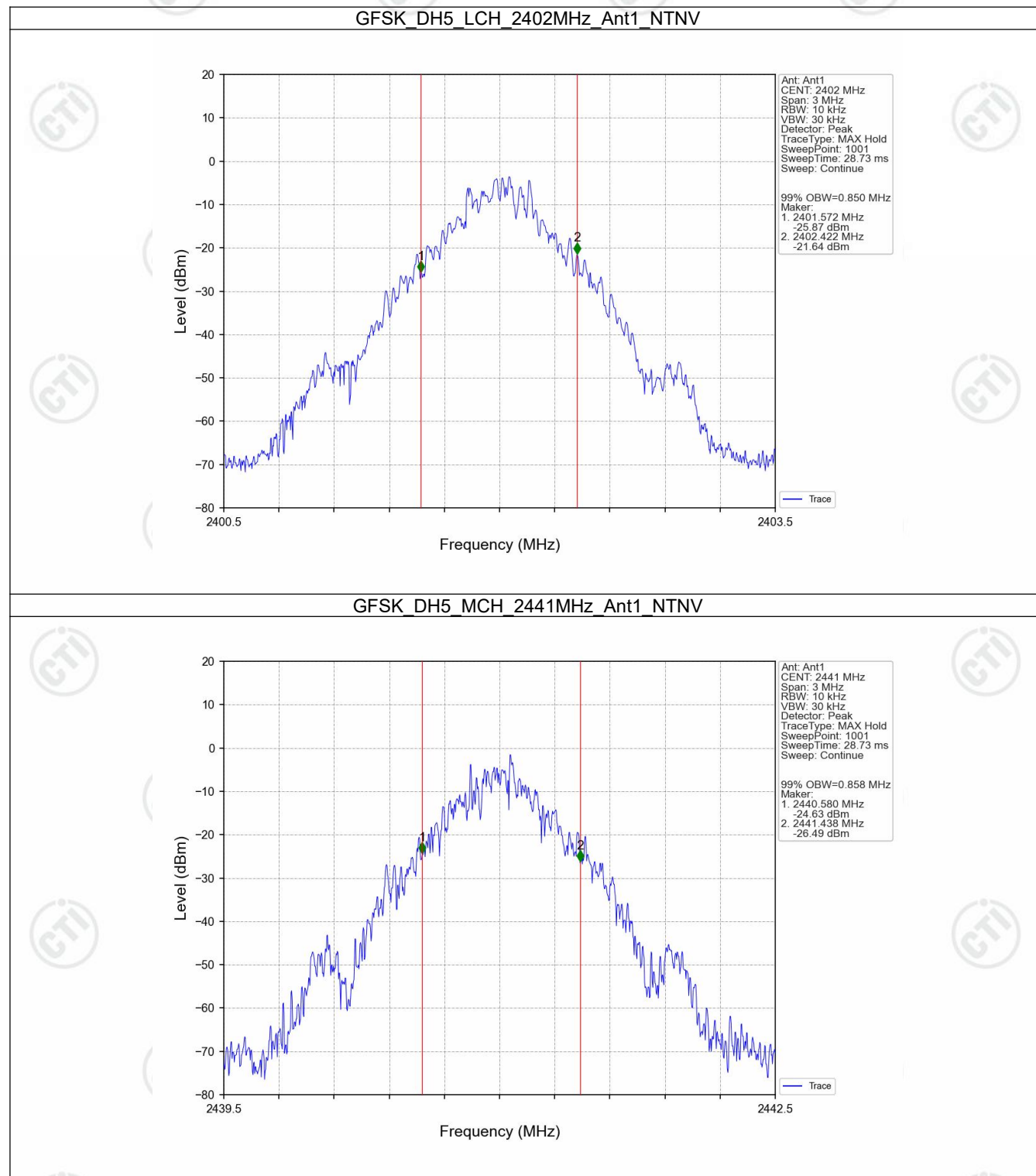
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	99% Occupied Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.850	/	Pass
		2441	DH5	1	0.858	/	Pass
		2480	DH5	1	0.861	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.186	/	Pass
		2441	2DH5	1	1.184	/	Pass
		2480	2DH5	1	1.184	/	Pass
8DPSK	SISO	2402	3DH5	1	1.183	/	Pass
		2441	3DH5	1	1.190	/	Pass
		2480	3DH5	1	1.188	/	Pass

2.1.2 20dB BW

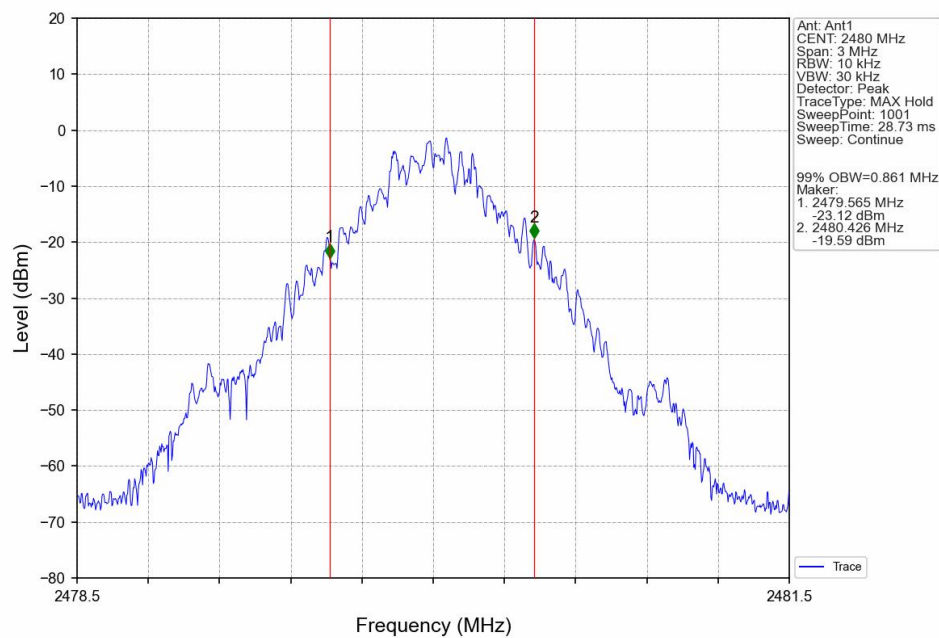
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	0.924	/	Pass
		2441	DH5	1	0.914	/	Pass
		2480	DH5	1	0.926	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.307	/	Pass
		2441	2DH5	1	1.300	/	Pass
		2480	2DH5	1	1.308	/	Pass
8DPSK	SISO	2402	3DH5	1	1.280	/	Pass
		2441	3DH5	1	1.275	/	Pass
		2480	3DH5	1	1.276	/	Pass

2.2 Test Graph

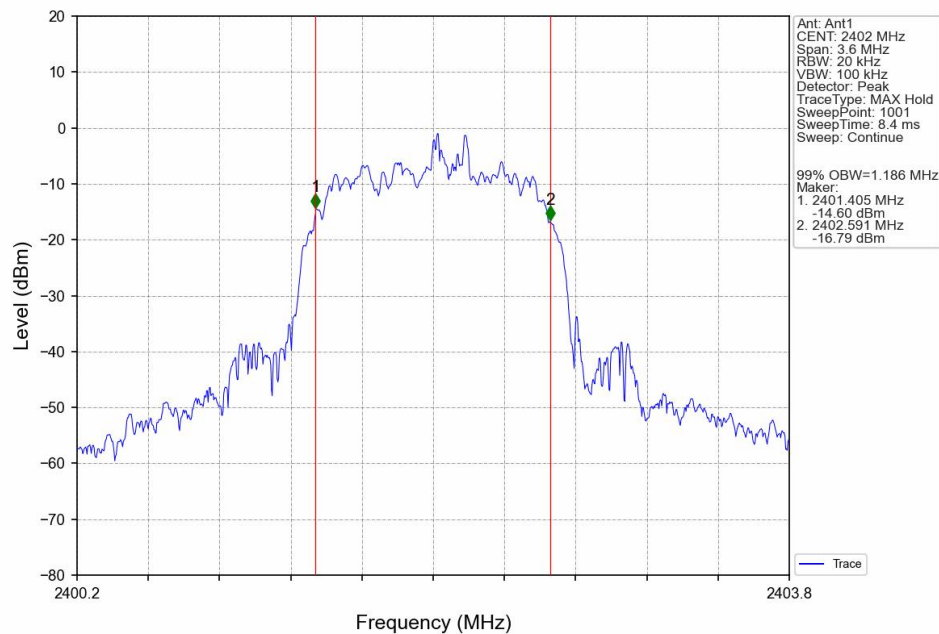
2.2.1 OBW



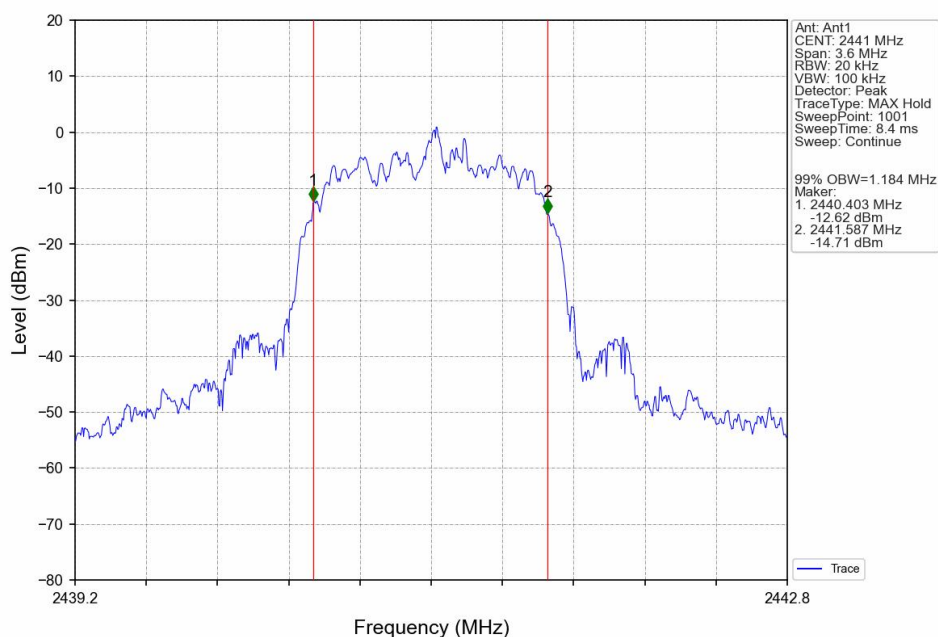
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



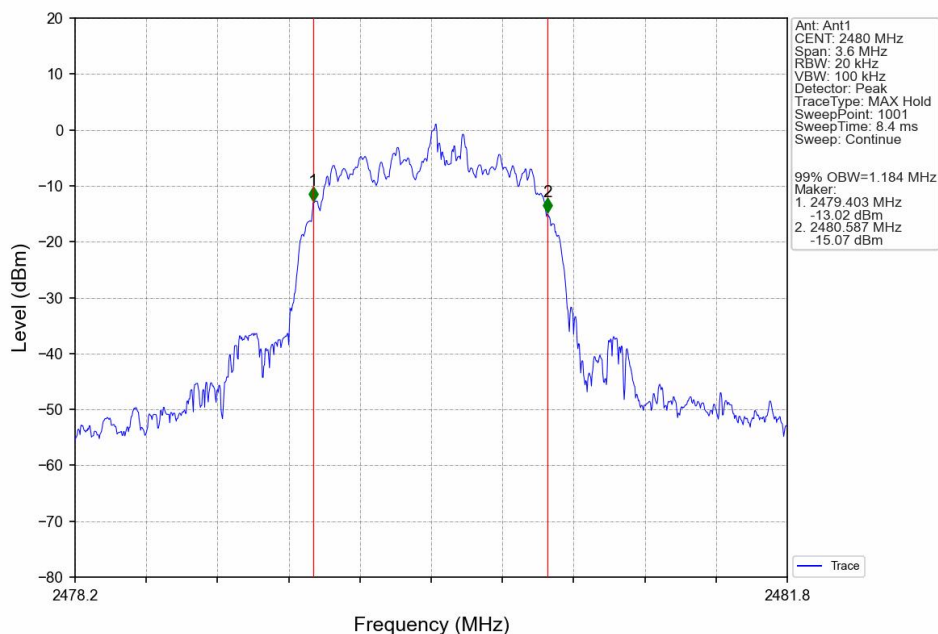
Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



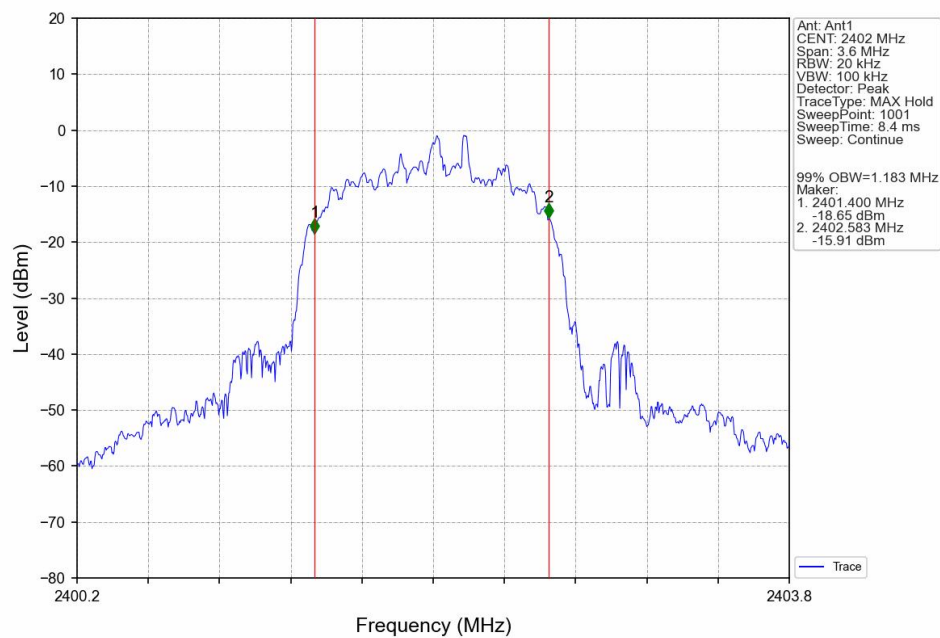
Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



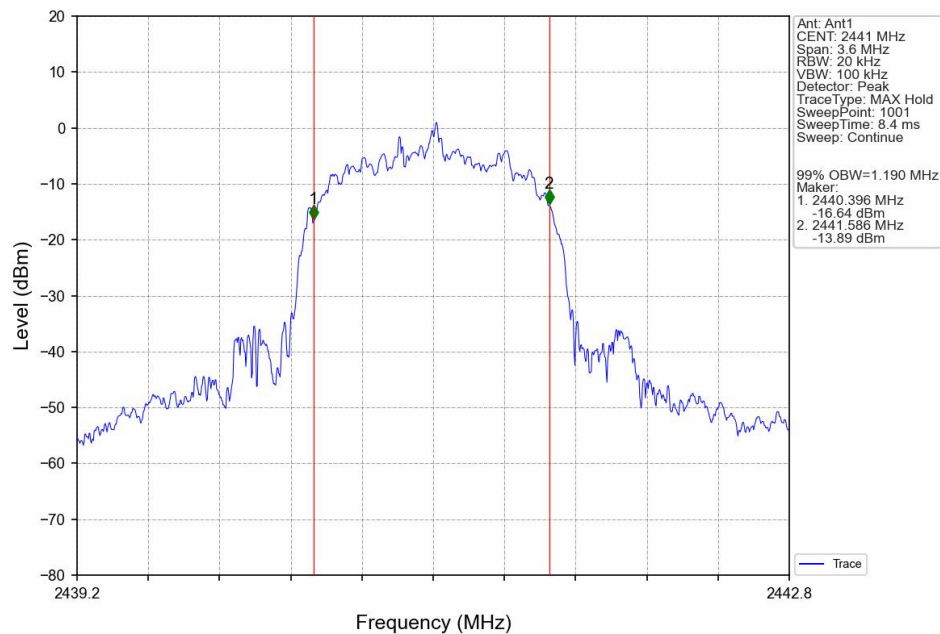
Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

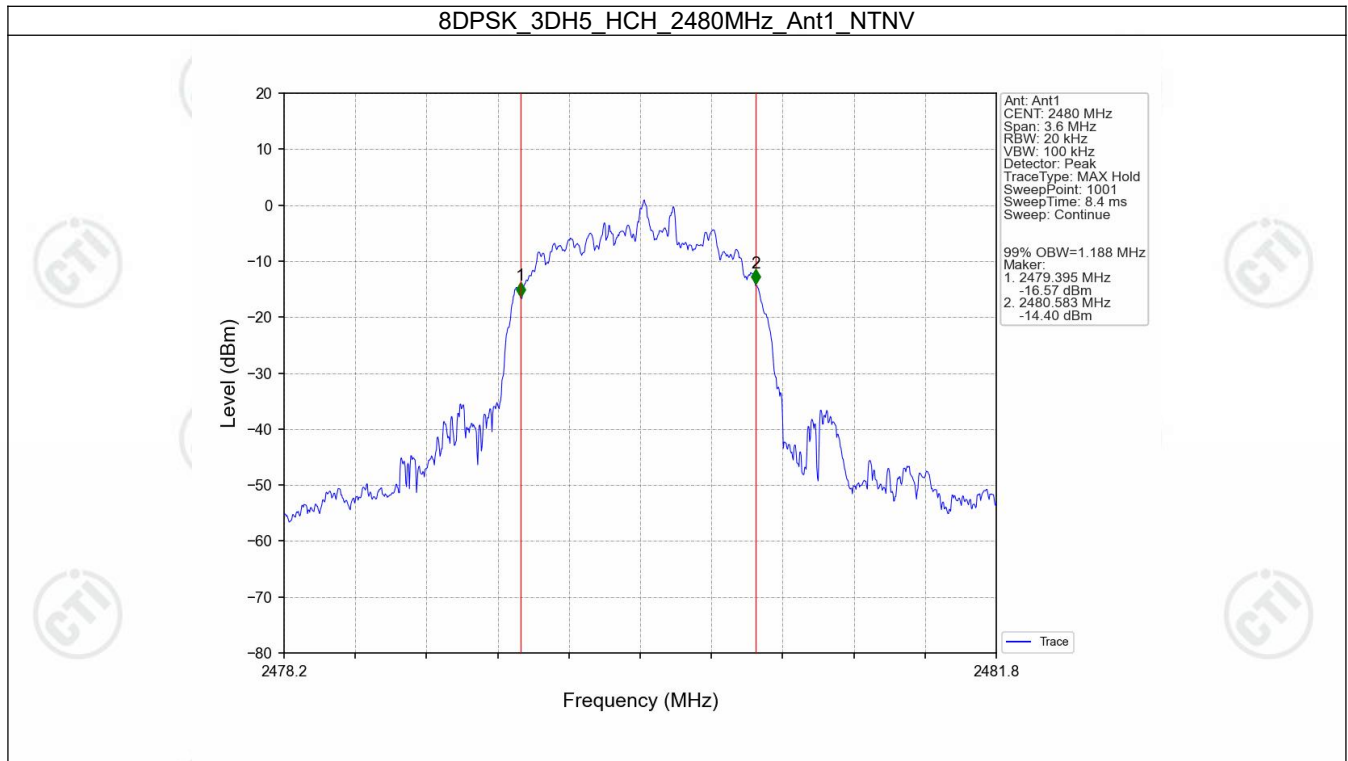


8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV

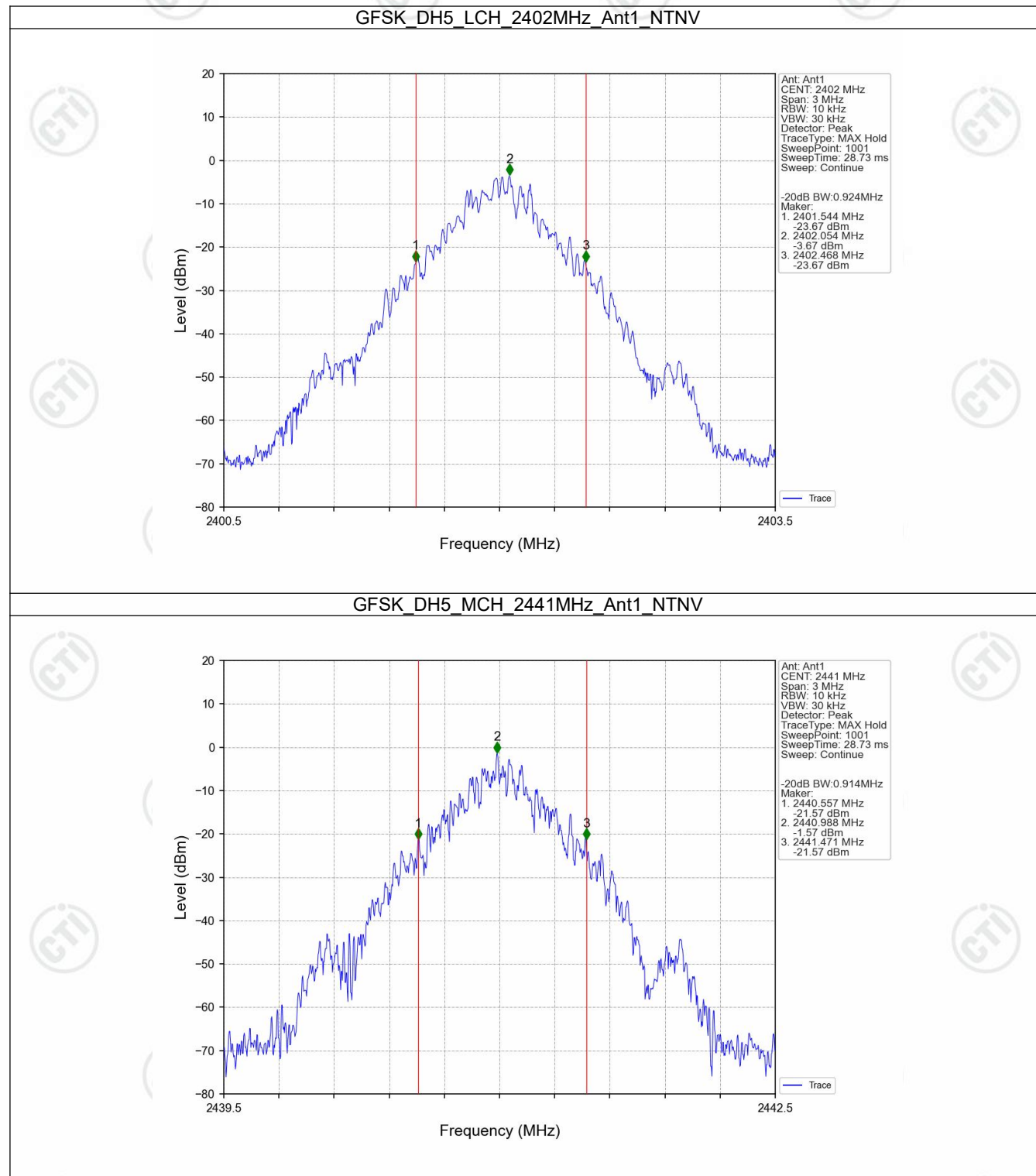


8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

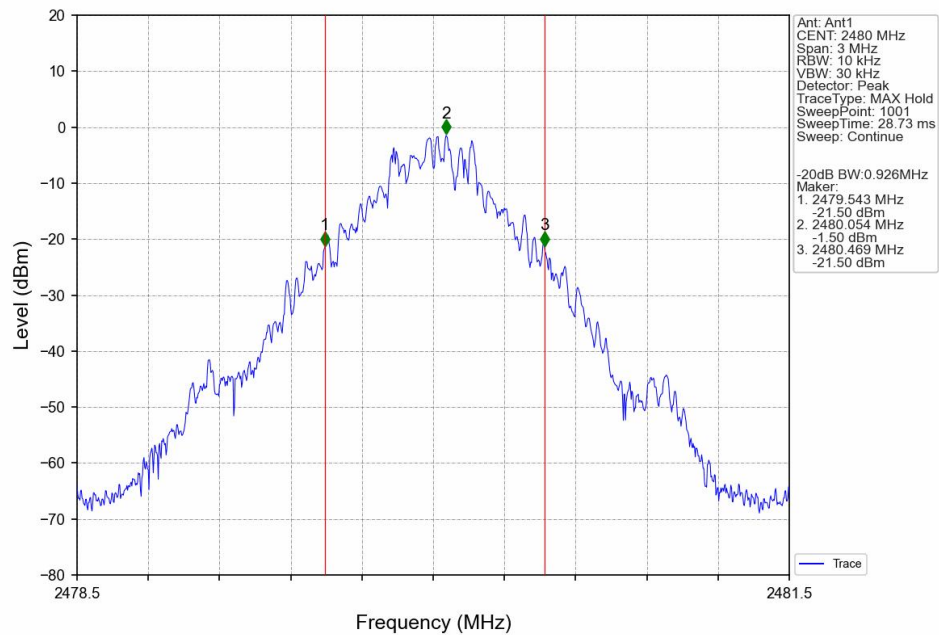




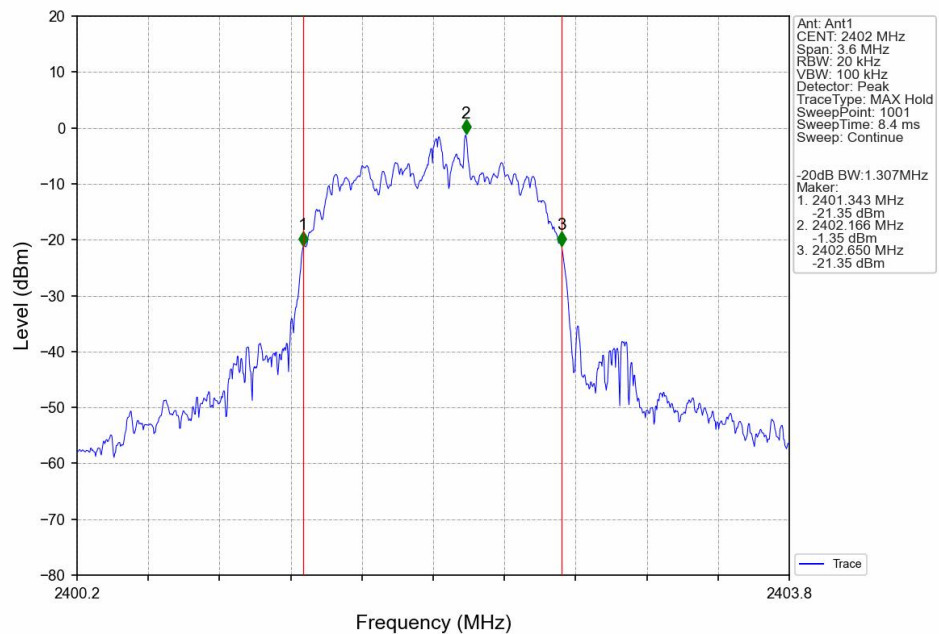
2.2.2 20dB BW



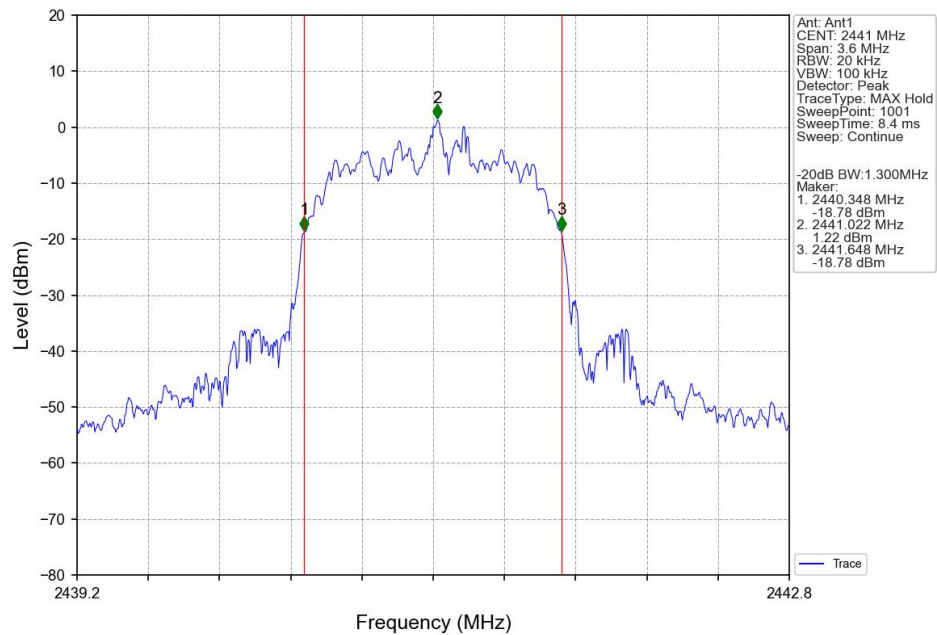
GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

