

Appendix for 15.247

Note: The left and right ears were tested with the same material, and only the worst were recorded! (the left ear)

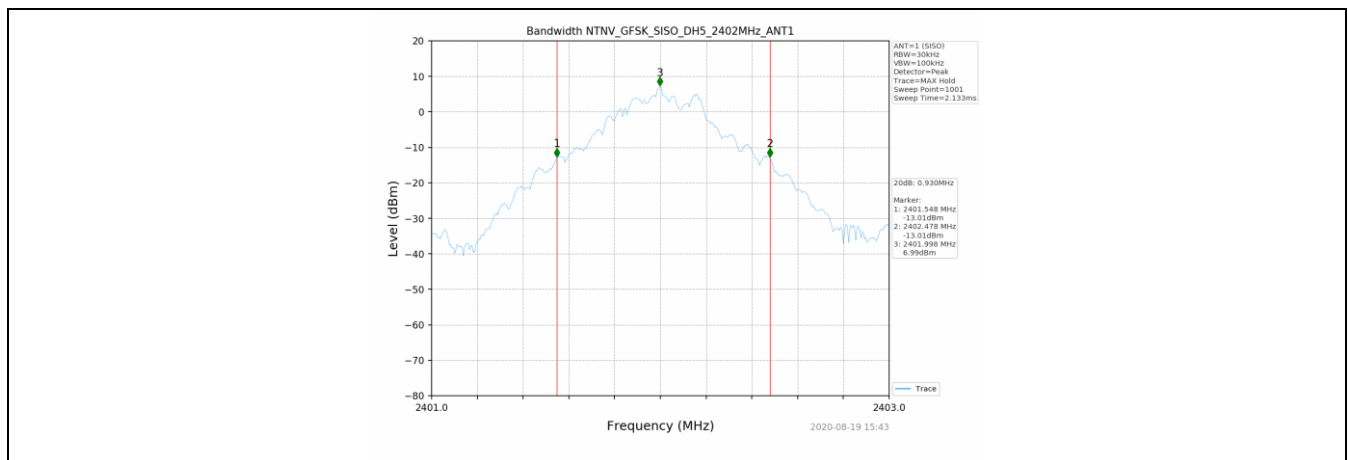
1. Bandwidth

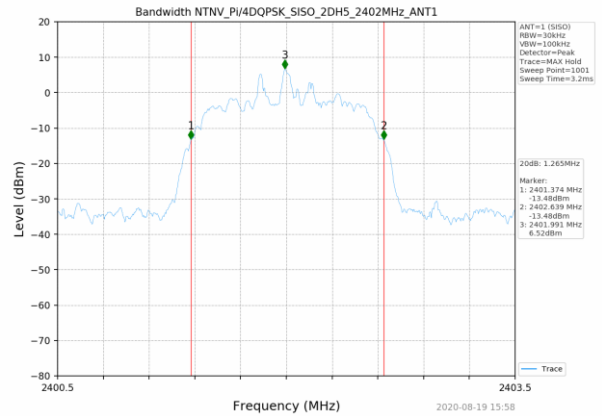
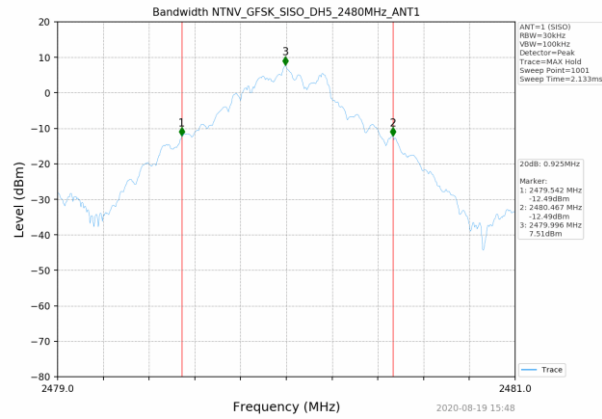
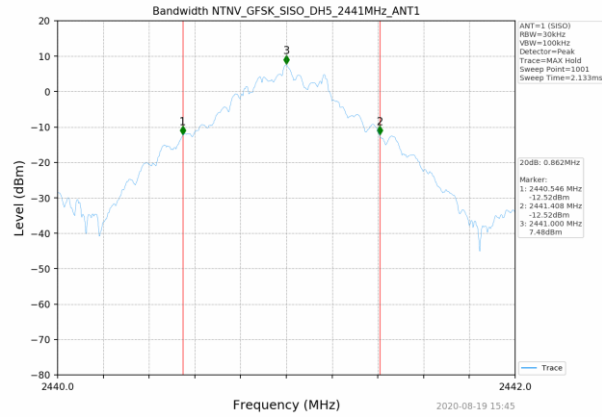
1.1 Test Result

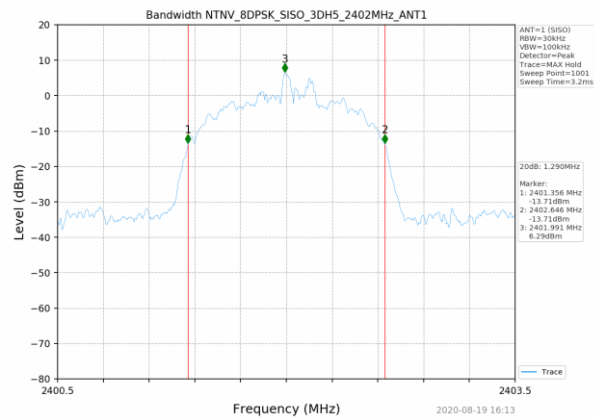
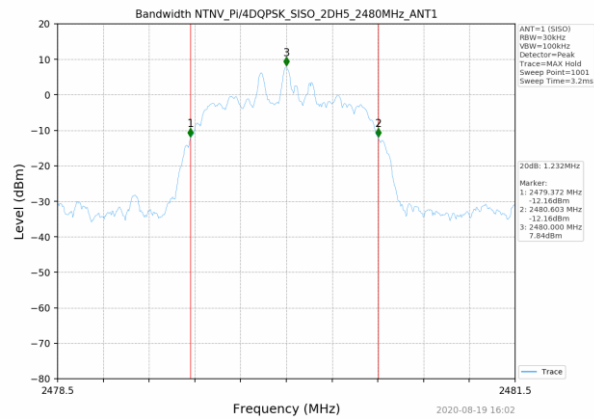
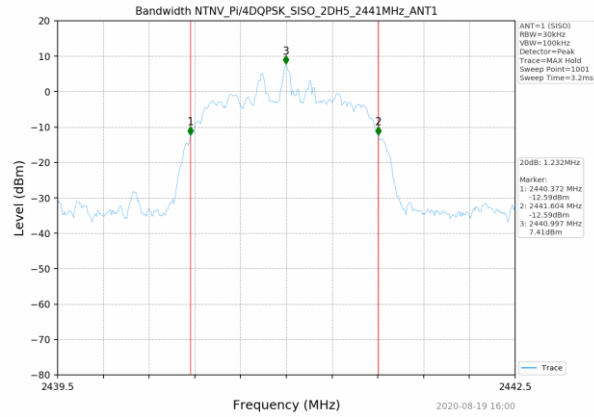
Test Mode	Frequency (MHz)	TX Type	ANT No.	20dB Bandwidth	Verdict
				Test Result (MHz)	
GFSK	2402	SISO	1	0.930	PASS
	2441	SISO	1	0.862	PASS
	2480	SISO	1	0.925	PASS
Pi/4DQPSK	2402	SISO	1	1.265	PASS
	2441	SISO	1	1.232	PASS
	2480	SISO	1	1.232	PASS
8DPSK	2402	SISO	1	1.290	PASS
	2441	SISO	1	1.299	PASS
	2480	SISO	1	1.273	PASS

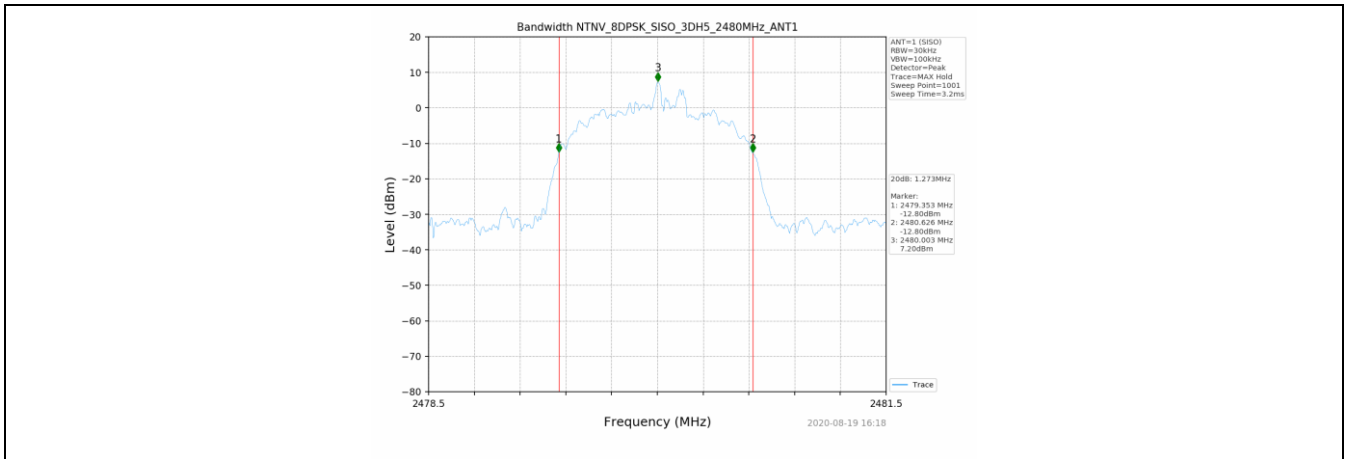
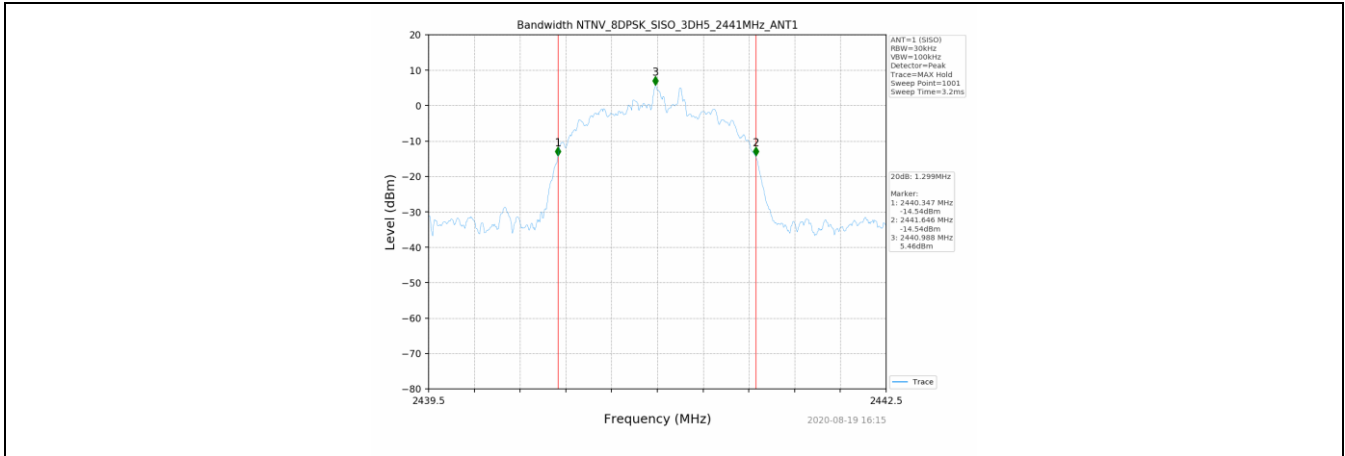
Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
GFSK	2402	SISO	1	0.875	Only for Report Use
	2441	SISO	1	0.865	Only for Report Use
	2480	SISO	1	0.874	Only for Report Use
Pi/4DQPSK	2402	SISO	1	1.182	Only for Report Use
	2441	SISO	1	1.180	Only for Report Use
	2480	SISO	1	1.180	Only for Report Use
8DPSK	2402	SISO	1	1.187	Only for Report Use
	2441	SISO	1	1.187	Only for Report Use
	2480	SISO	1	1.192	Only for Report Use

1.2 Test Graph - 20dB Bandwidth

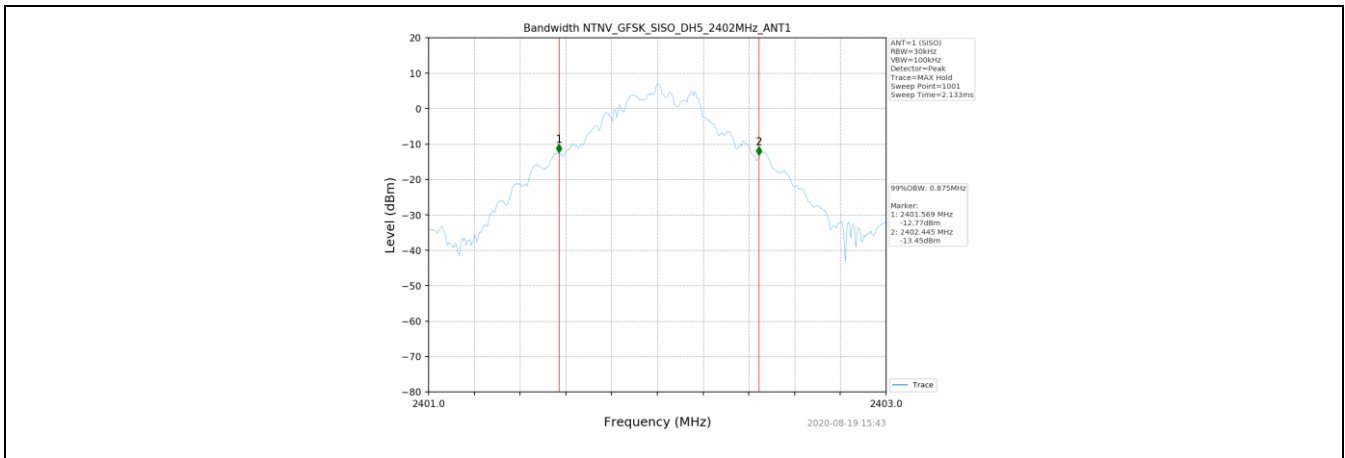


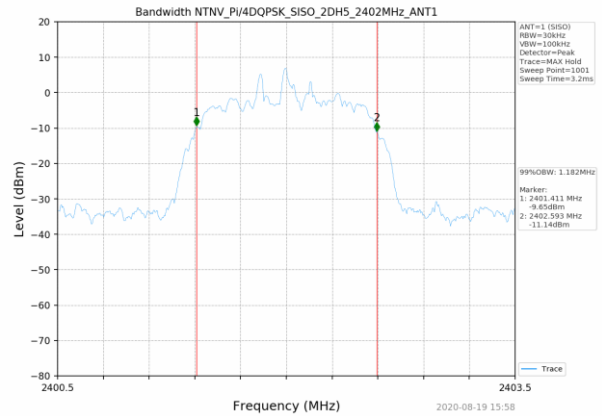
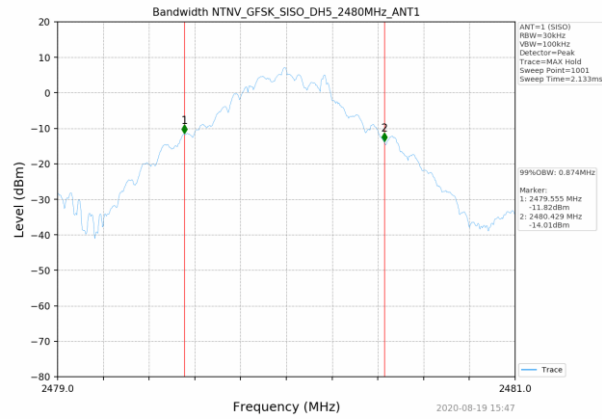
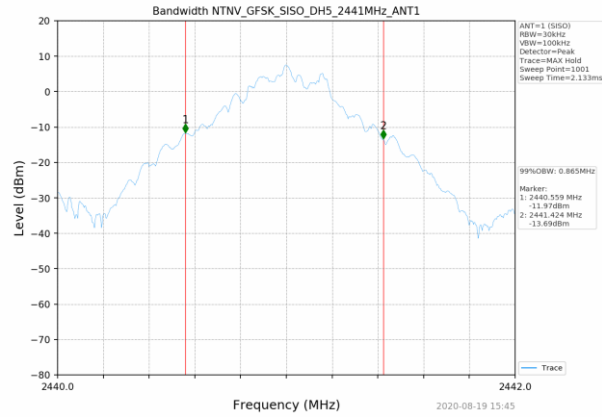


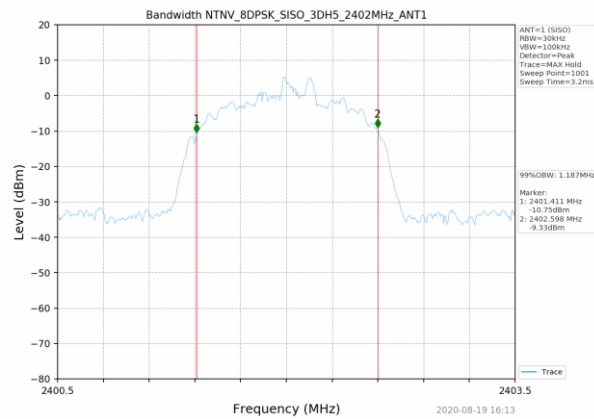
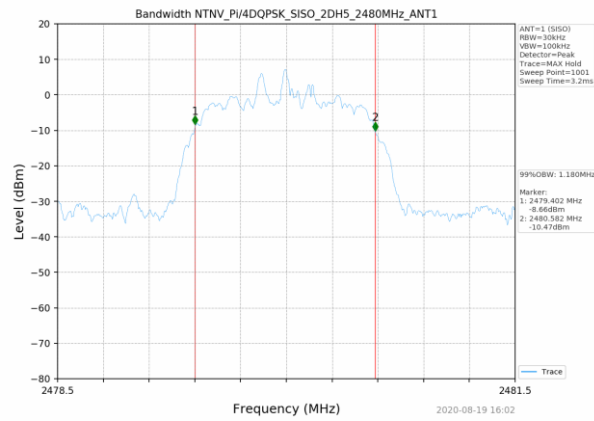
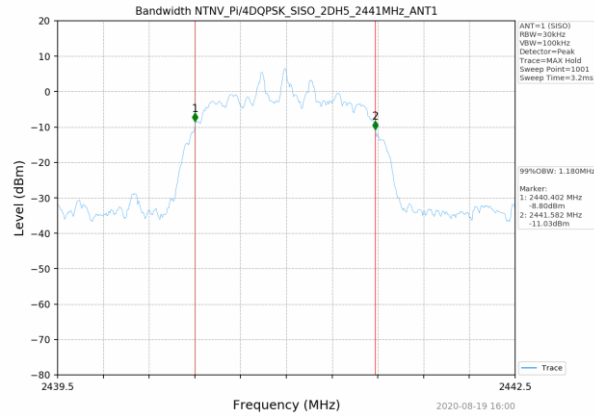


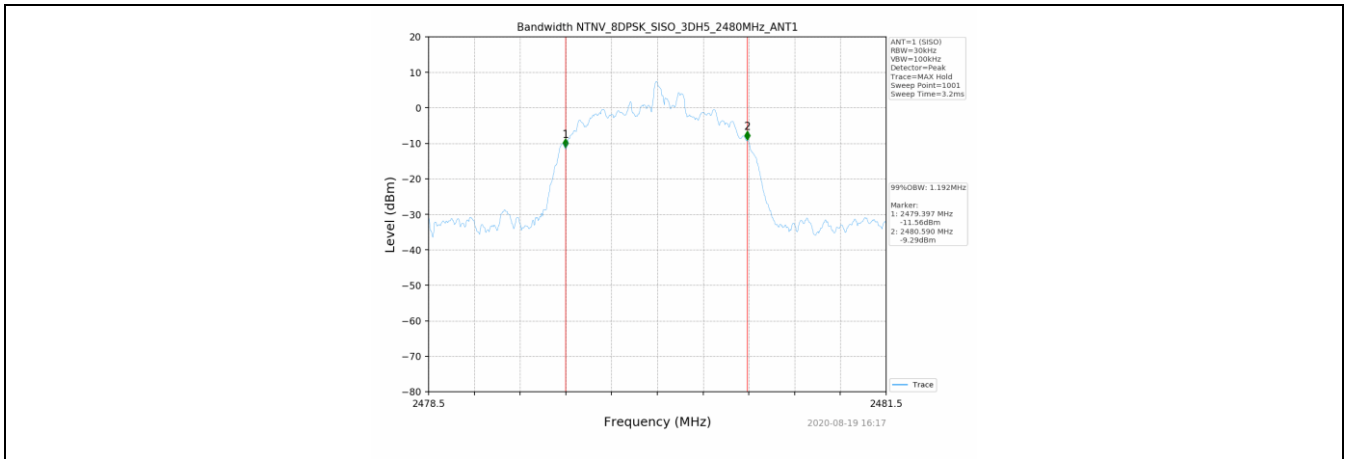
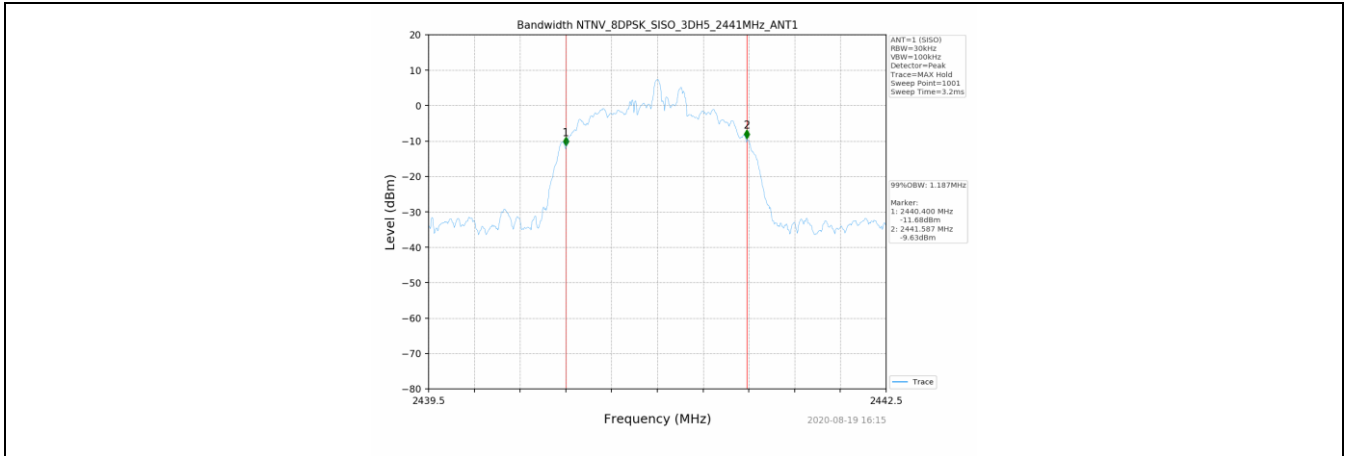


1.3 Test Graph - 99% Occupied Bandwidth







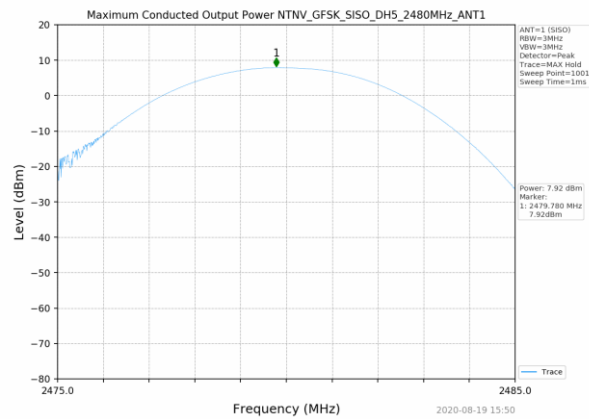
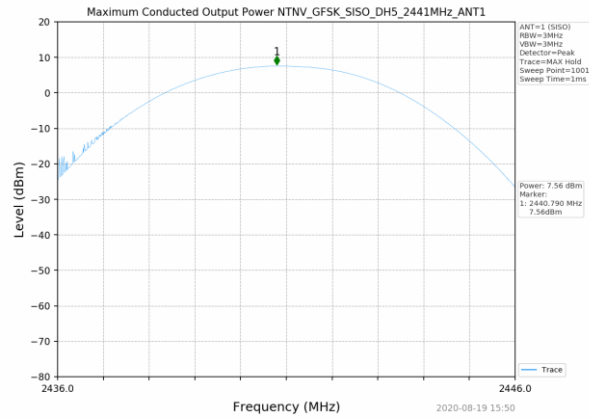
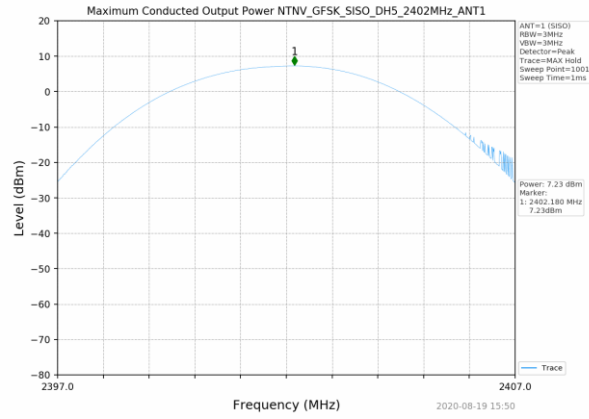


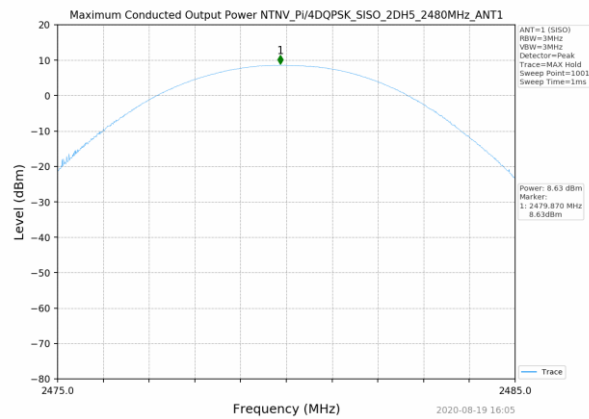
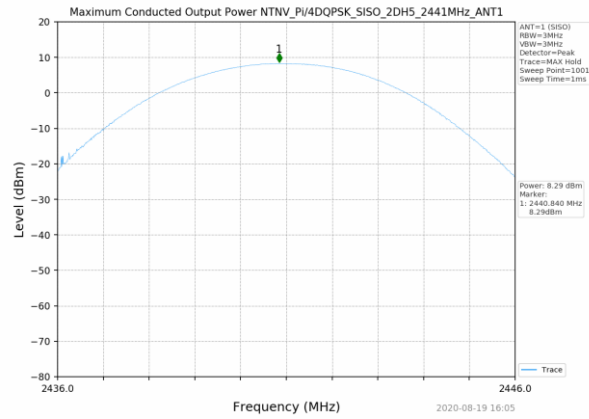
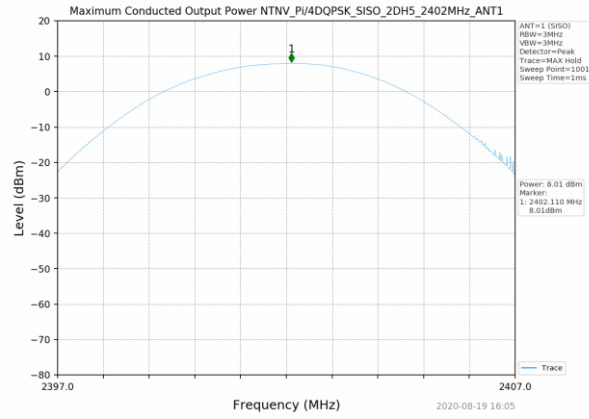
2. Maximum Conducted Output Power

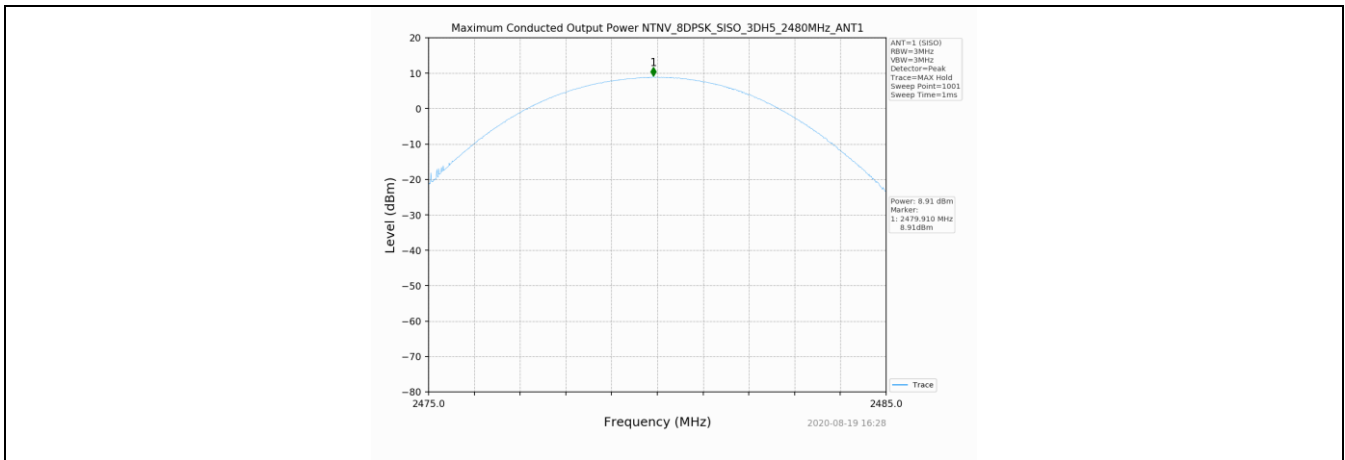
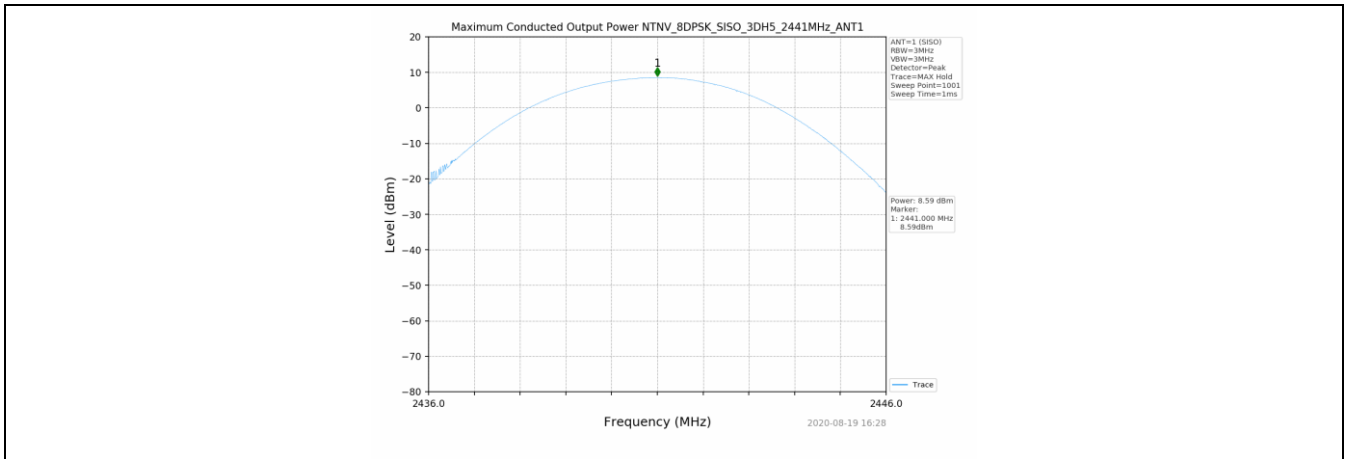
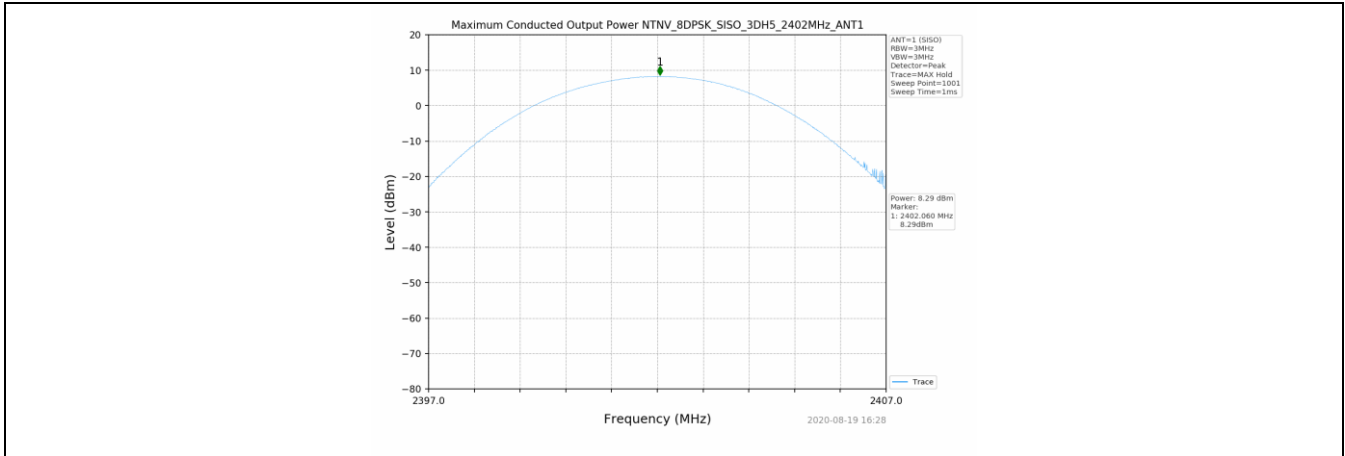
2.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
GFSK	2402	SISO	7.23	30	PASS
	2441	SISO	7.56	30	PASS
	2480	SISO	7.92	30	PASS
Pi/4DQPSK	2402	SISO	8.01	20.97	PASS
	2441	SISO	8.29	20.97	PASS
	2480	SISO	8.63	20.97	PASS
8DPSK	2402	SISO	8.29	20.97	PASS
	2441	SISO	8.59	20.97	PASS
	2480	SISO	8.91	20.97	PASS

2.2 Test Graph







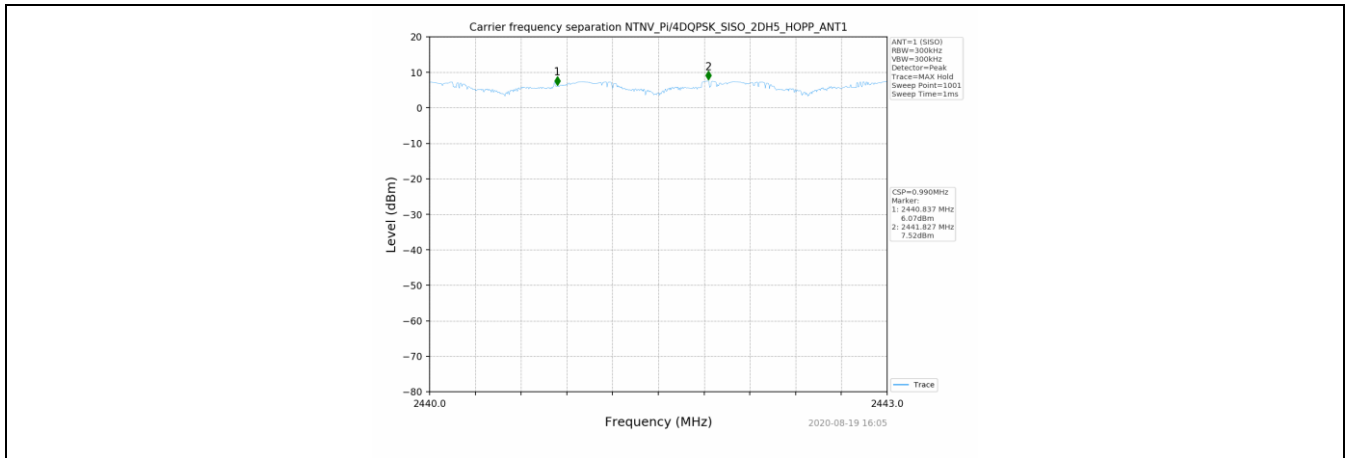
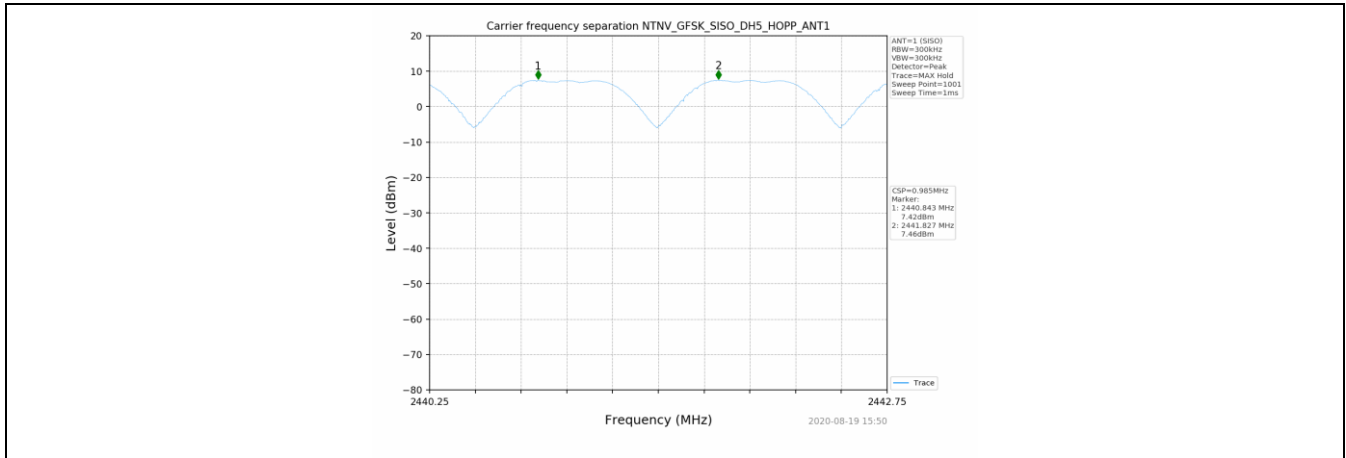
3. Carrier frequency separation

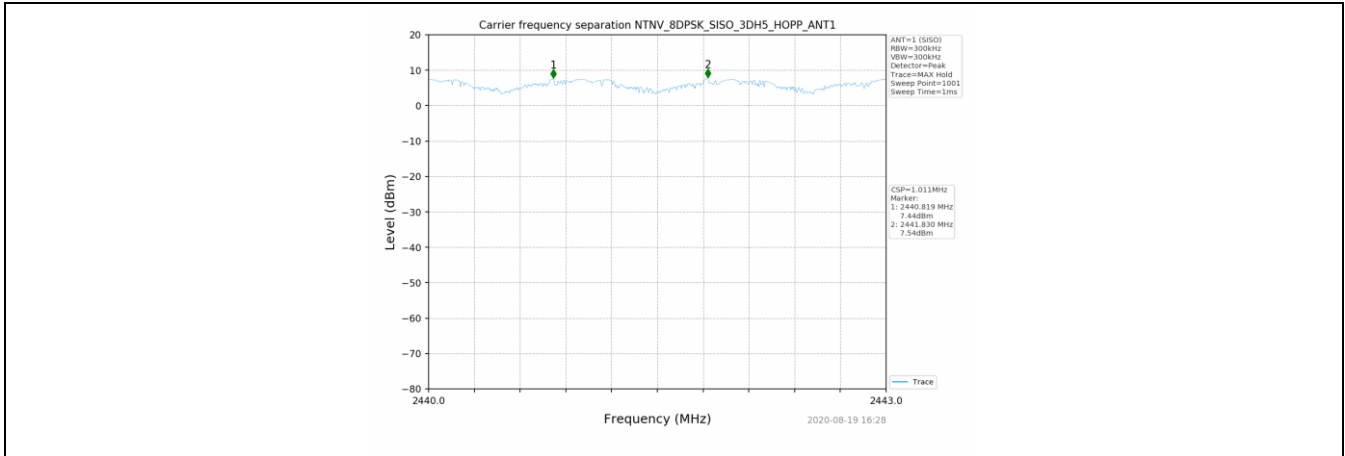
3.1 Test Result

Test Mode	TX Type	ANT No.	Channel	20dB	Limits (MHz)	Verdict
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			Separation (MHz)	Bandwidth (MHz)		
GFSK	SISO	1	0.985	0.930	≥ 0.930	PASS
Pi/4DQPSK	SISO	1	0.990	1.265	≥ 0.843	PASS
8DPSK	SISO	1	1.011	1.299	≥ 0.866	PASS

3.2 Test Graph



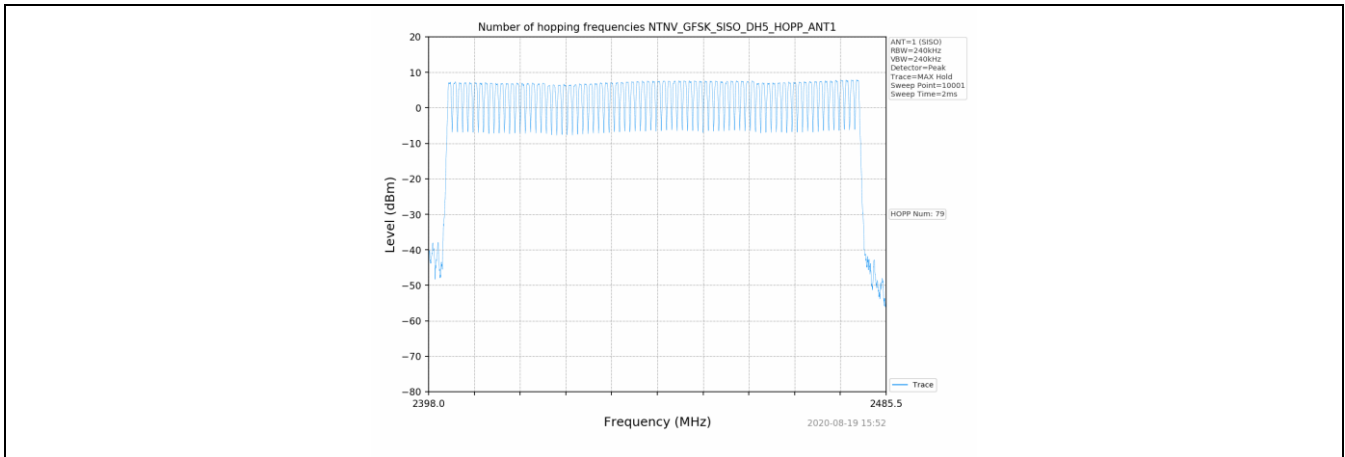


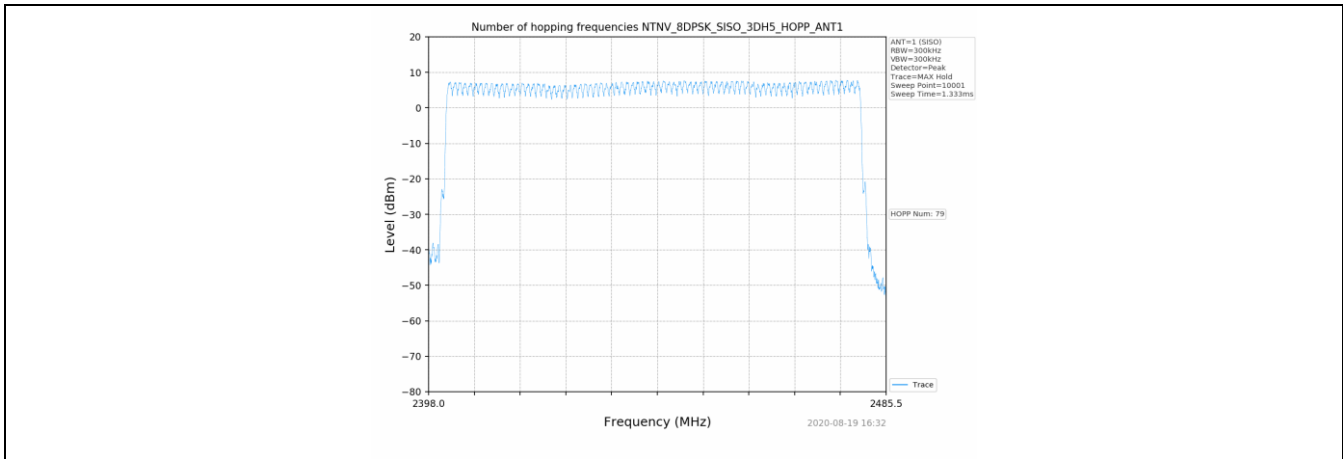
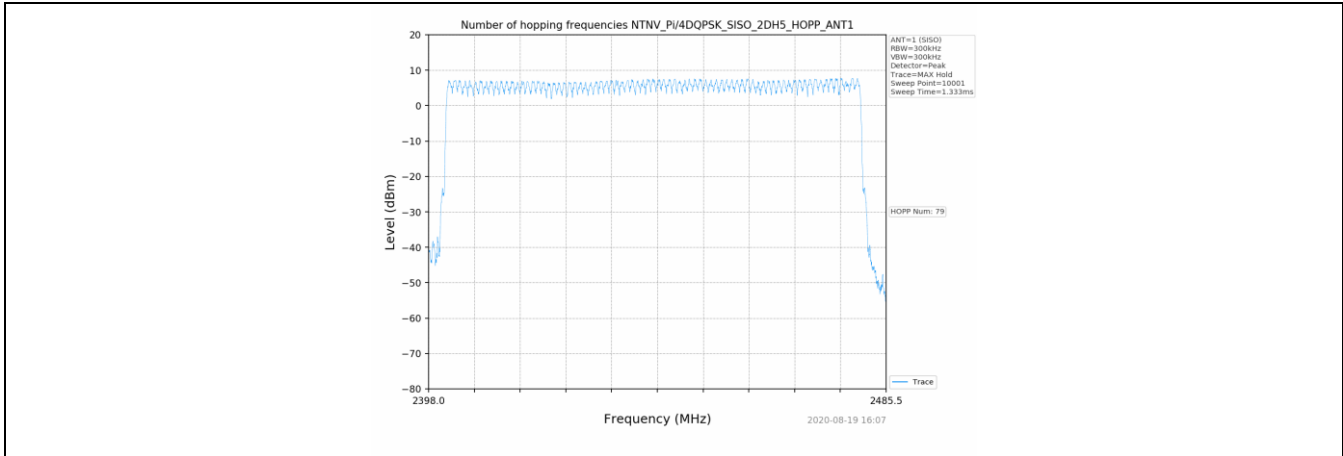
4. Number of hopping frequencies

4.1 Test Result

Test Mode	TX Type	ANT No.	Num of Hopping Frequencies	Limits	Verdict
GFSK	SISO	1	79	≥15	PASS
Pi/4DQPS K	SISO	1	79	≥15	PASS
8DPSK	SISO	1	79	≥15	PASS

4.2 Test Graph





5. Unwanted Emissions in Non-restricted Frequency Bands

5.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
GFSK	2402	SISO	1	Refer to test graph	-12.30	PASS
	2441	SISO	1	Refer to test graph	-12.30	PASS
	2480	SISO	1	Refer to test graph	-12.30	PASS
	Hopping	SISO	1	Refer to test graph	-12.30	PASS
Pi/4DQPSK	2402	SISO	1	Refer to test graph	-12.18	PASS
	2441	SISO	1	Refer to test graph	-12.18	PASS
	2480	SISO	1	Refer to test graph	-12.18	PASS
	Hopping	SISO	1	Refer to test graph	-12.18	PASS
8DPSK	2402	SISO	1	Refer to test graph	-12.26	PASS
	2441	SISO	1	Refer to test graph	-12.26	PASS
	2480	SISO	1	Refer to test graph	-12.26	PASS
	Hopping	SISO	1	Refer to test graph	-12.26	PASS

5.2 Test Graph

