

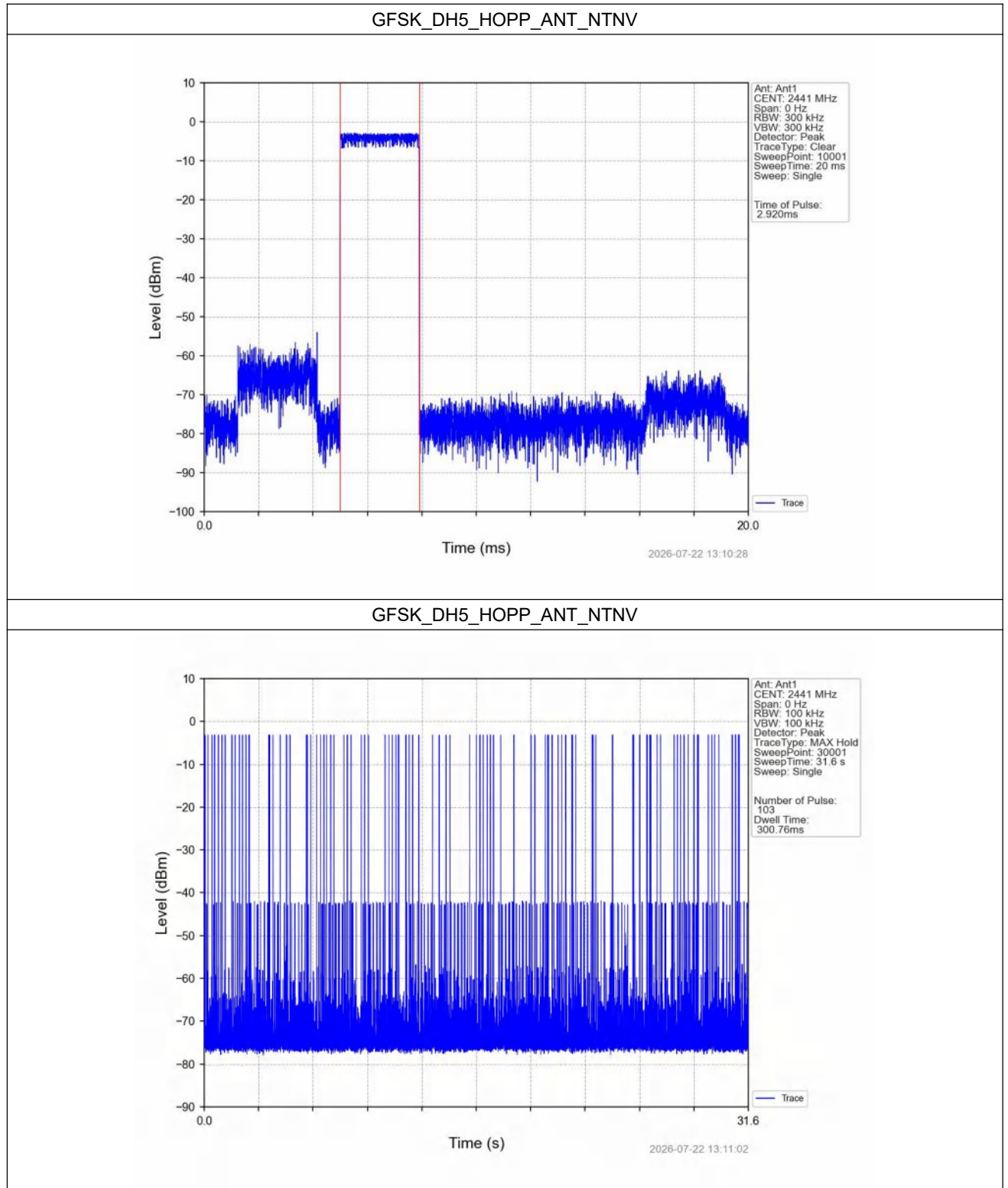
7.5. Dwell Time

Test Result

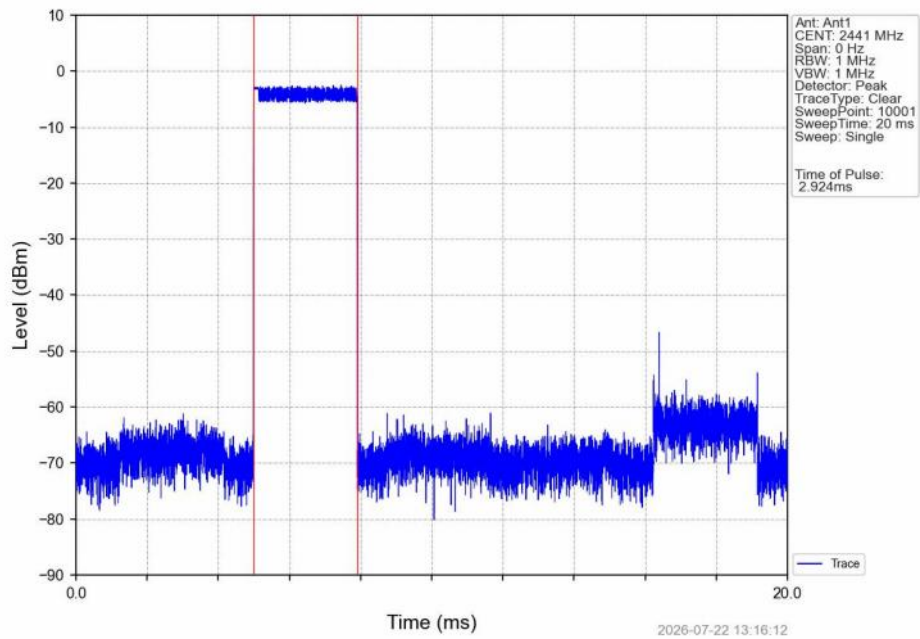
Left:

ANT									
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	DH5	2.920	31.600	103	300.760	<=400	Pass
PI/4DQPSK	SISO	HOPP	2DH5	2.924	31.600	119	347.956	<=400	Pass
8DPSK	SISO	HOPP	3DH5	2.926	31.600	102	298.452	<=400	Pass

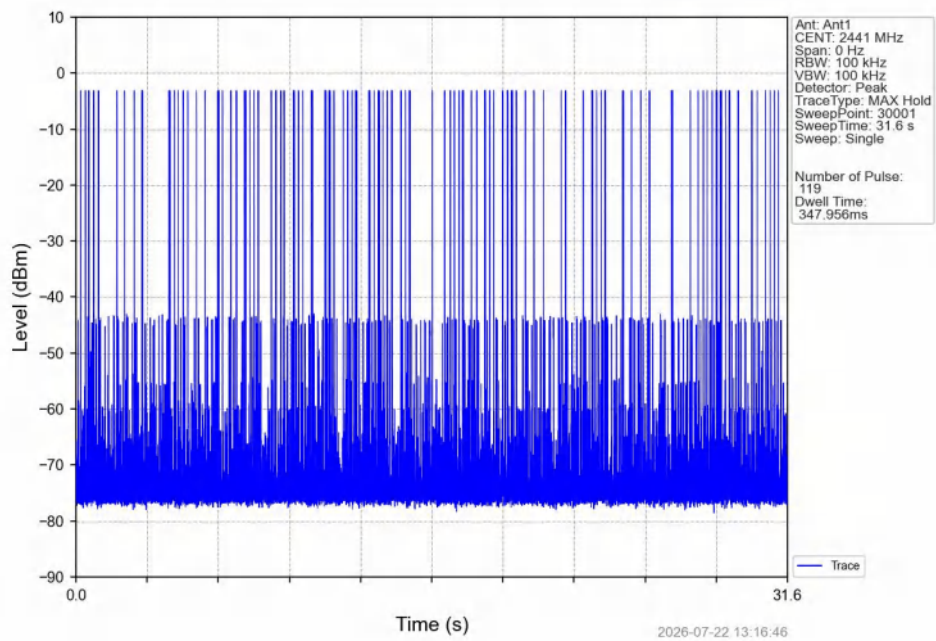
Test Graph



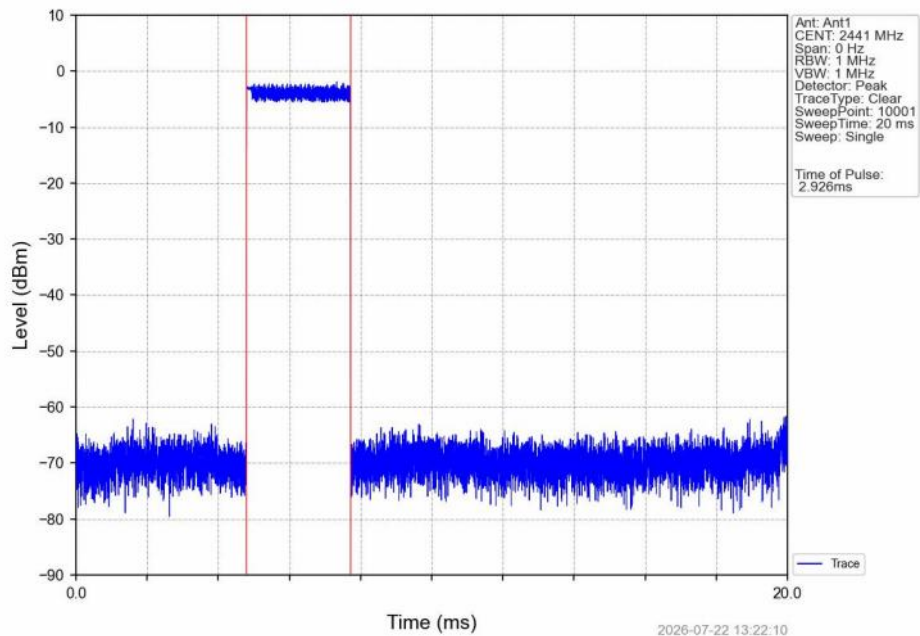
Pi/4DQPSK_2DH5_HOPP_ANT_NTNV



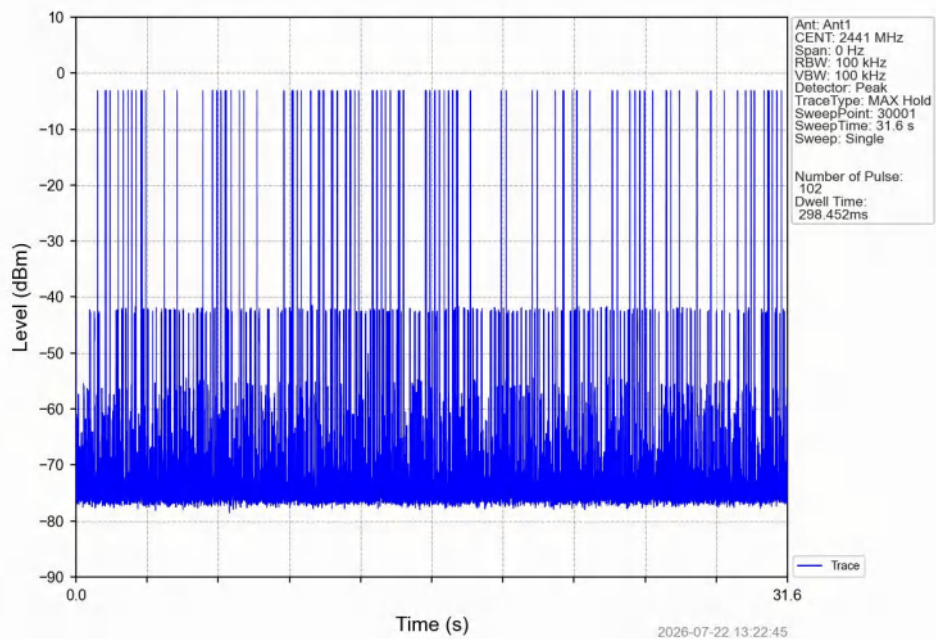
Pi/4DQPSK_2DH5_HOPP_ANT_NTNV



8DPSK_3DH5_HOPP_ANT_NTNV

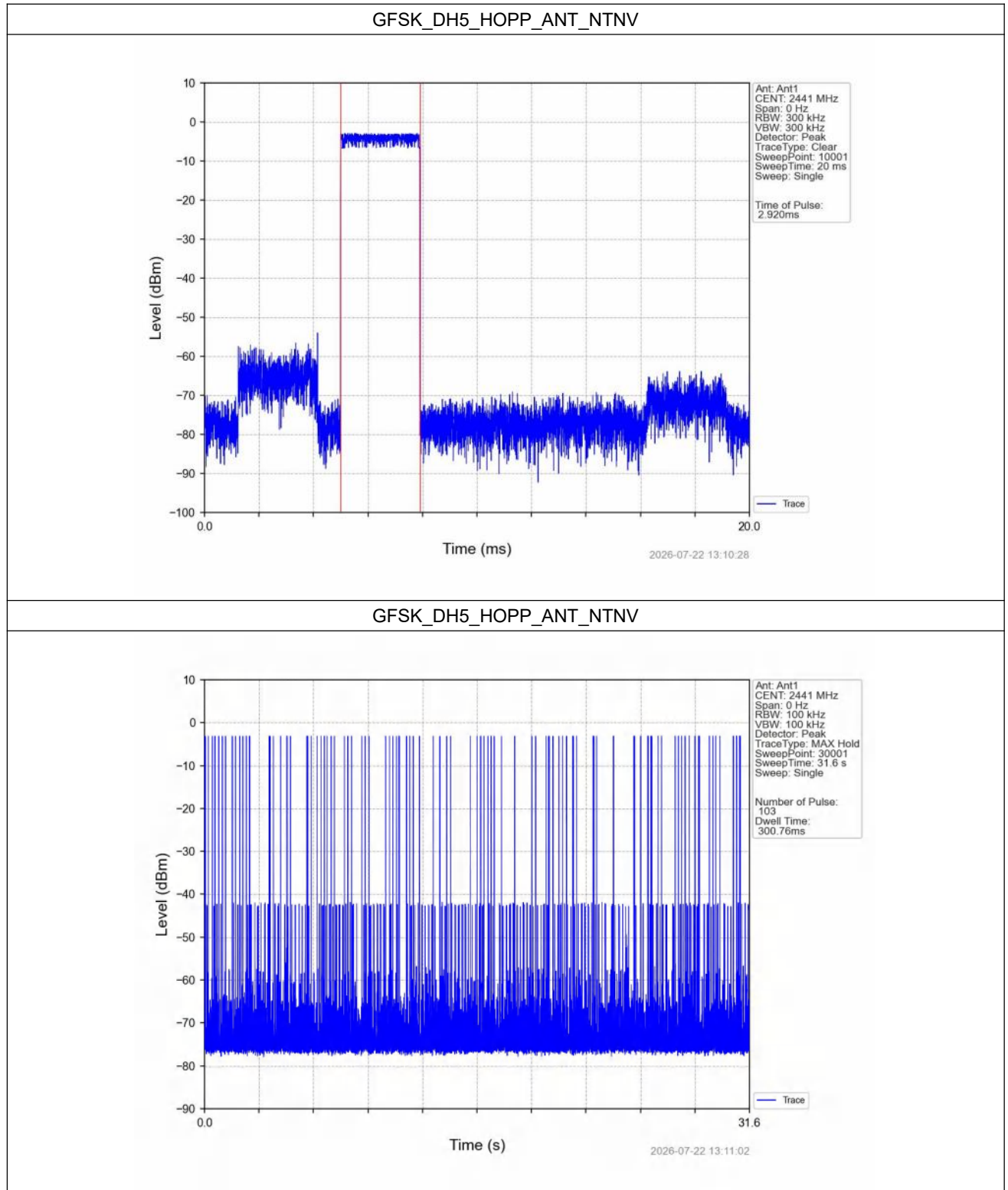


8DPSK_3DH5_HOPP_ANT_NTNV

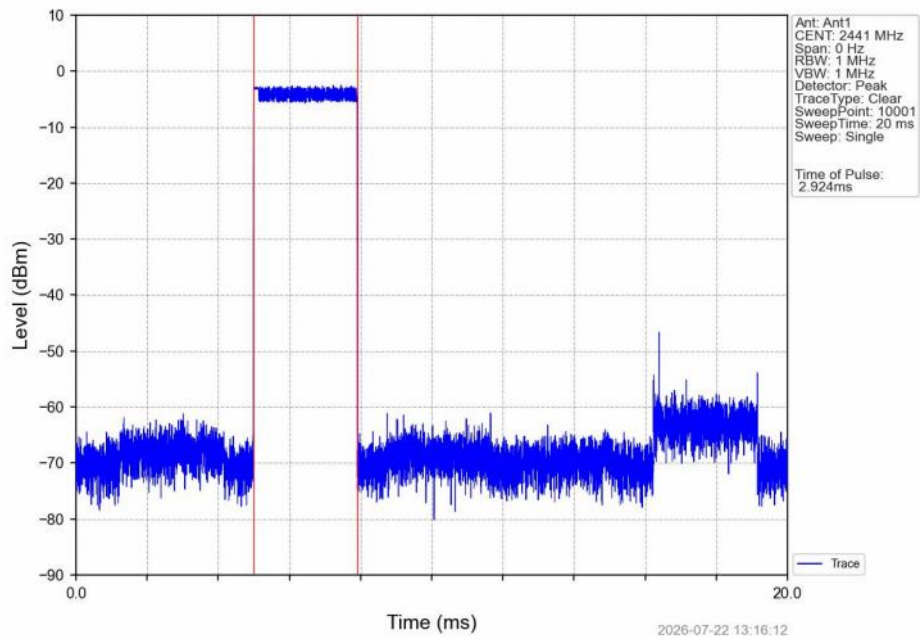


ANT									
Mode	TX Type	Frequency (MHz)	Packet Type	Duration of Single Pulse (ms)	Observation Period (s)	Num of Pulse in Observation Period	Dwell Time (ms)	Limit (ms)	Verdict
GFSK	SISO	HOPP	DH5	2.920	31.600	103	300.760	<=400	Pass
PI/4DQPSK	SISO	HOPP	2DH5	2.924	31.600	119	347.956	<=400	Pass
8DPSK	SISO	HOPP	3DH5	2.926	31.600	102	298.452	<=400	Pass

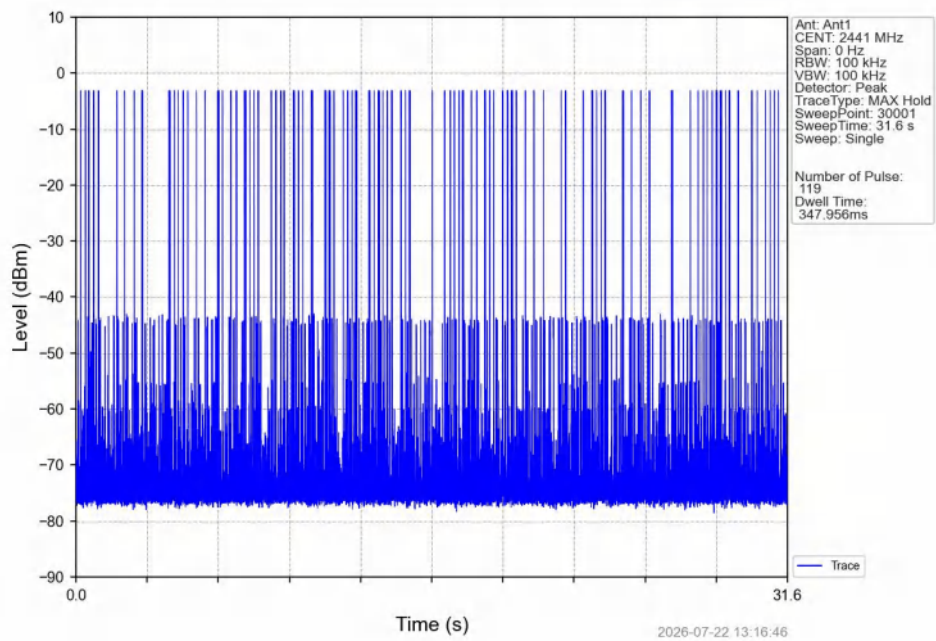
Test Graph



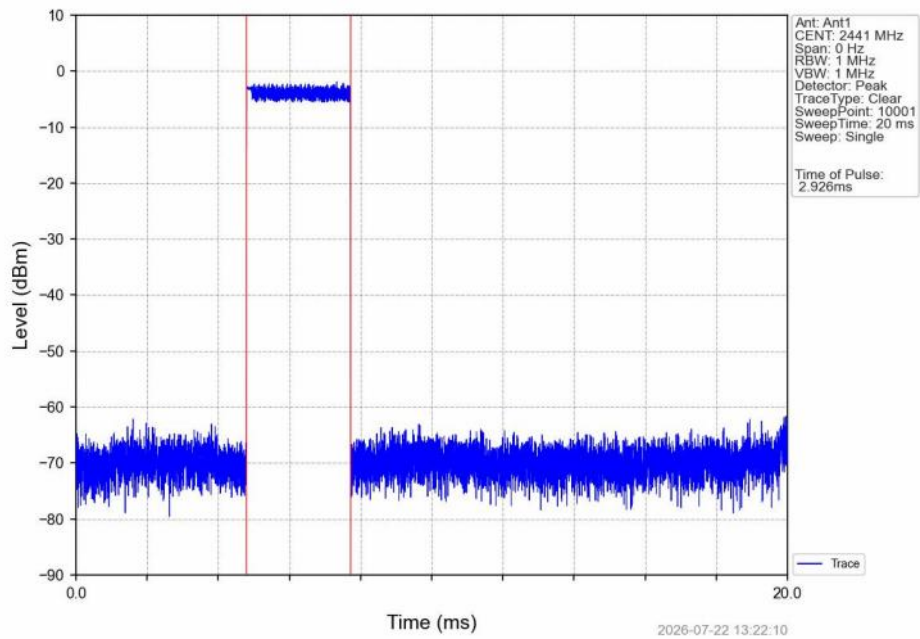
Pi/4DQPSK_2DH5_HOPP_ANT_NTNV



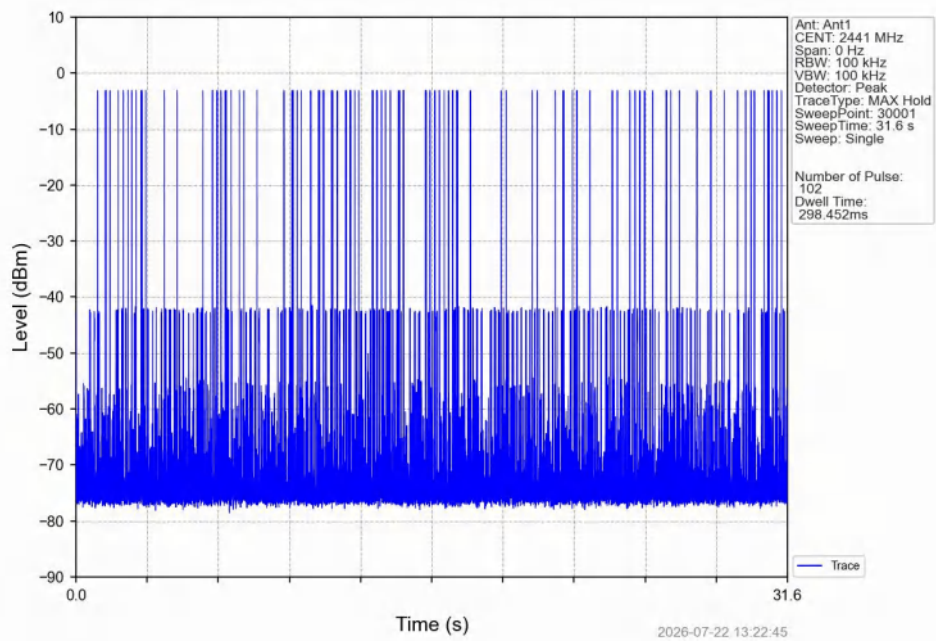
Pi/4DQPSK_2DH5_HOPP_ANT_NTNV



8DPSK_3DH5_HOPP_ANT_NTNV



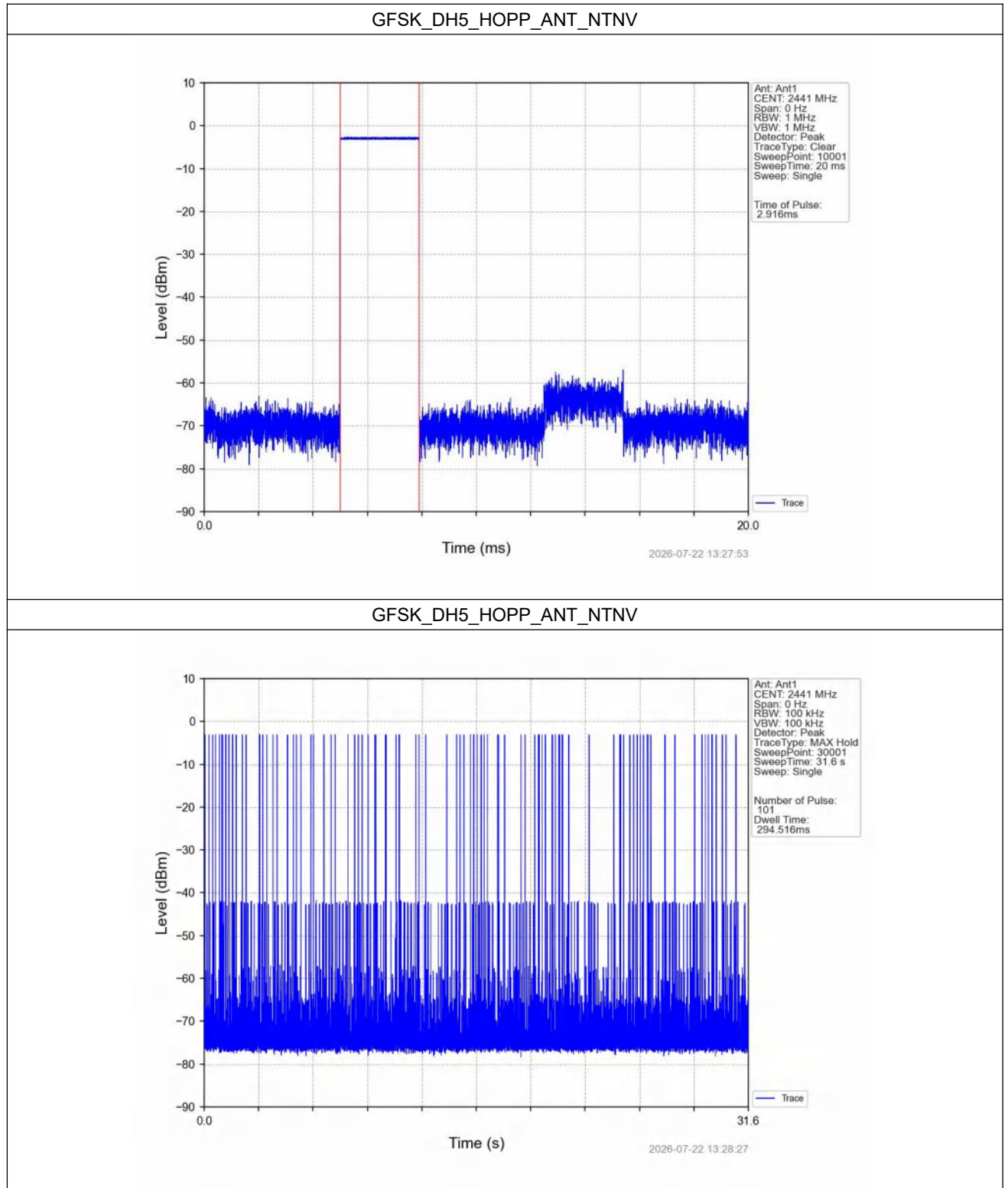
8DPSK_3DH5_HOPP_ANT_NTNV



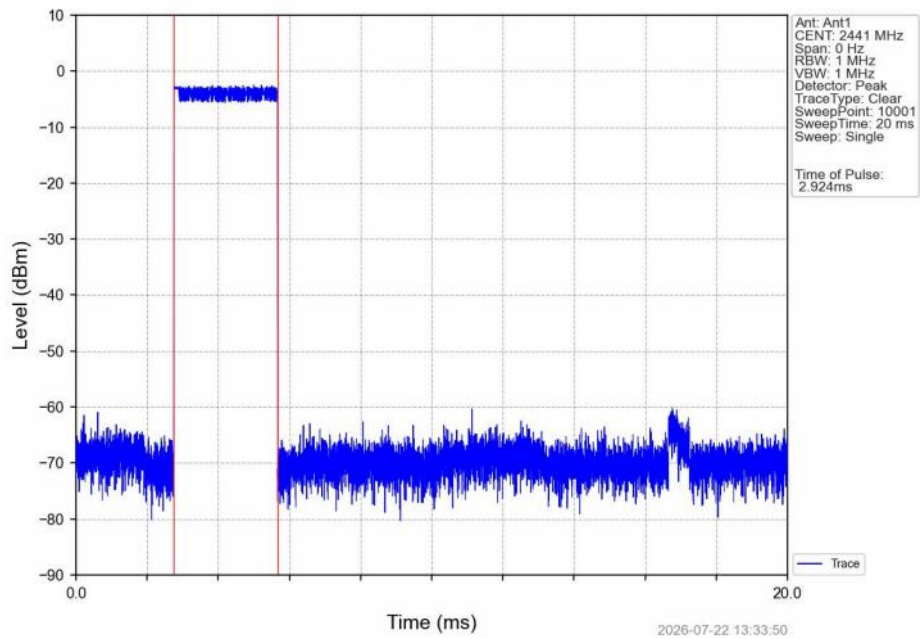
Right:

ANT									
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	DH5	2.916	31.600	101	294.516	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	2.924	31.600	99	289.476	<=400	Pass
8DPSK	SISO	HOPP	3DH5	2.926	31.600	113	330.638	<=400	Pass

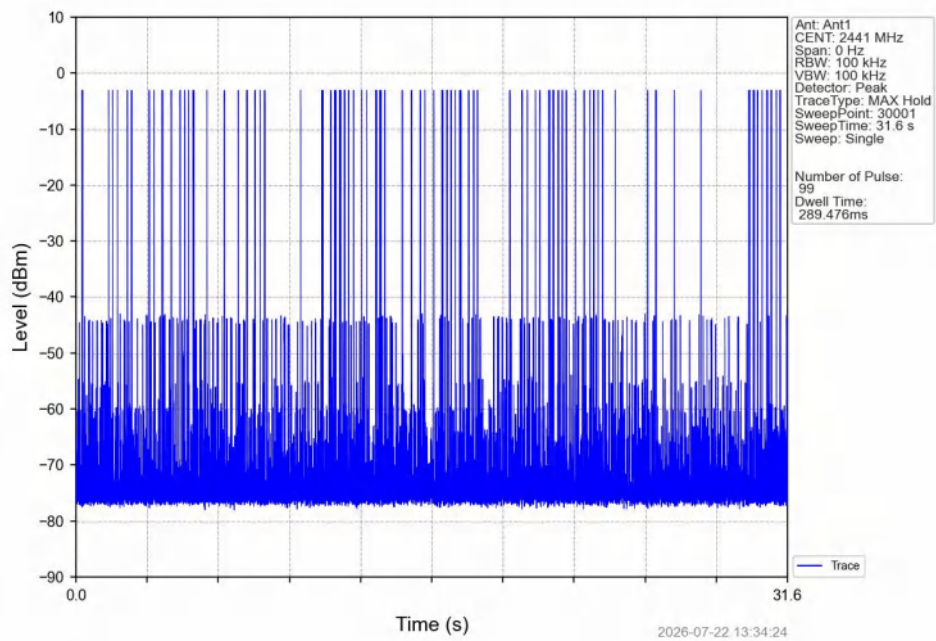
Test Graph



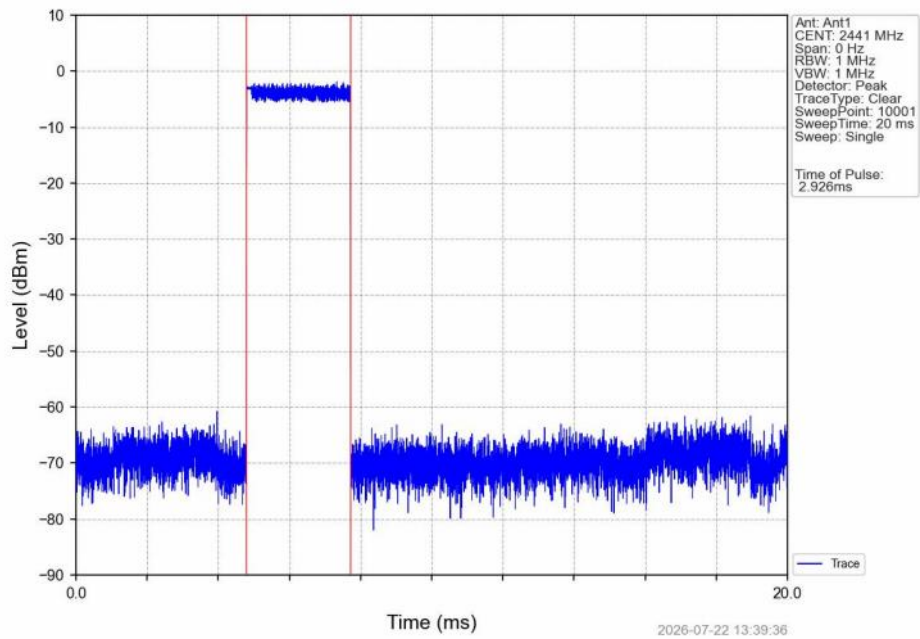
Pi/4DQPSK_2DH5_HOPP_ANT_NTNV



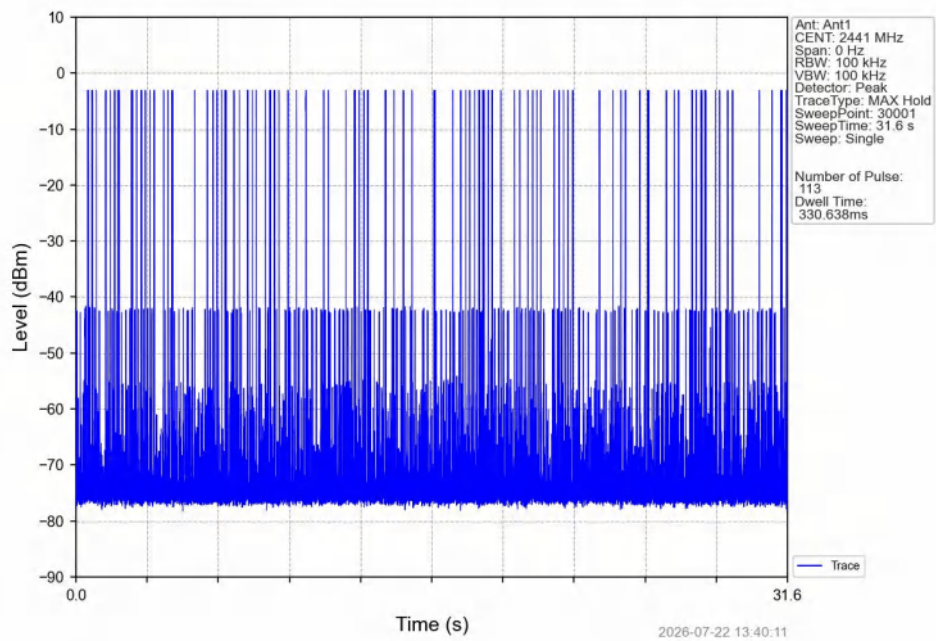
Pi/4DQPSK_2DH5_HOPP_ANT_NTNV



8DPSK_3DH5_HOPP_ANT_NTNV



8DPSK_3DH5_HOPP_ANT_NTNV



7.6. Number Of Hopping Channel

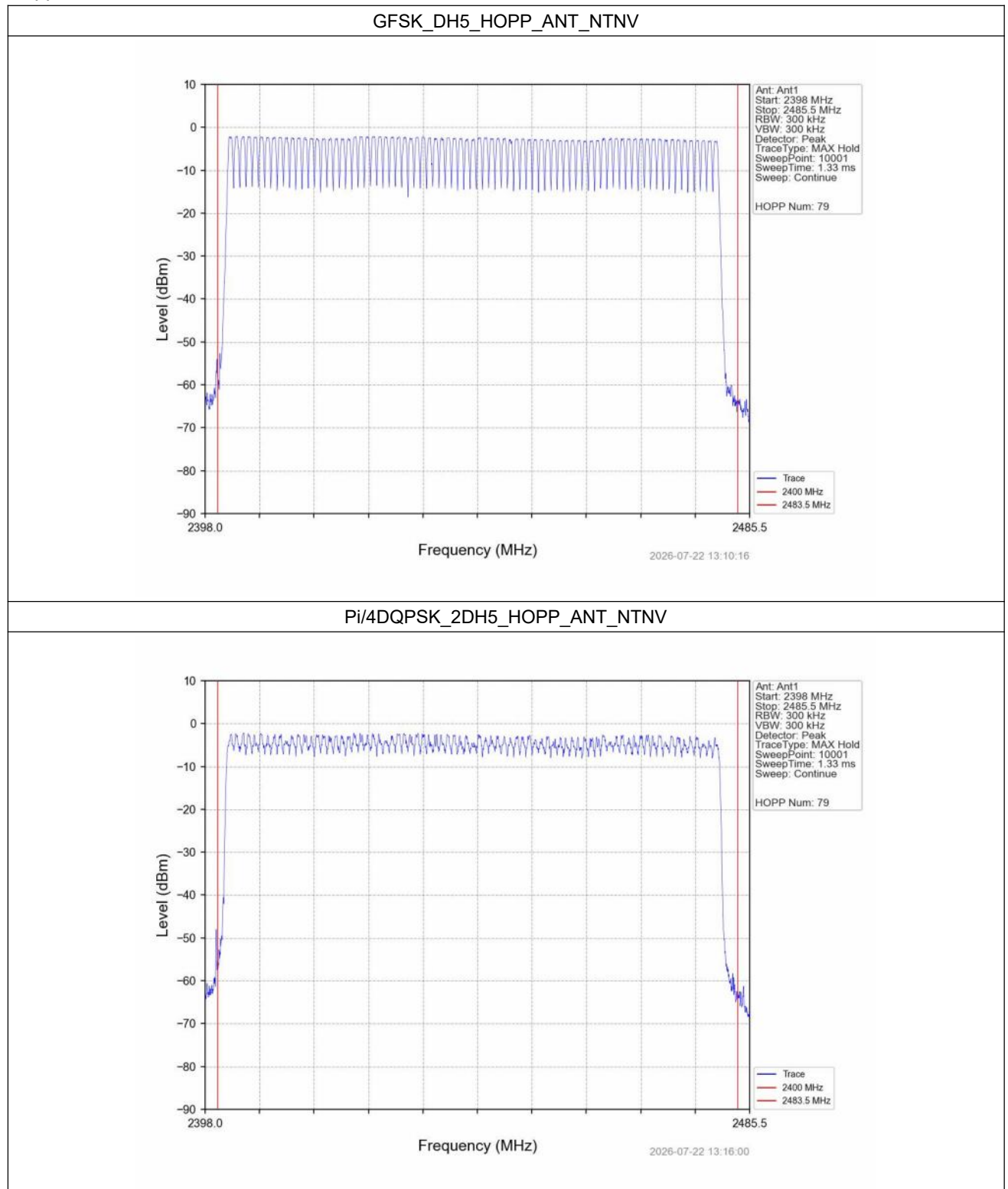
Test Result

Left:

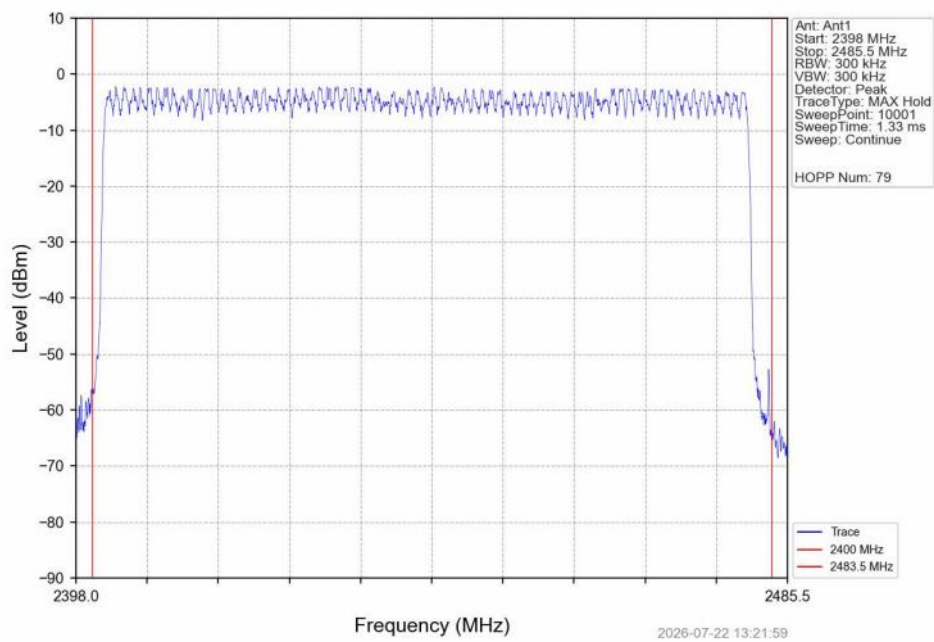
HoppNum

Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT	Limit	
GFSK	SISO	HOPP	DH5	79	≥ 15	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	79	≥ 15	Pass
8DPSK	SISO	HOPP	3DH5	79	≥ 15	Pass

Test Graph
HoppNum



8DPSK_3DH5_HOPP_ANT_NTNV

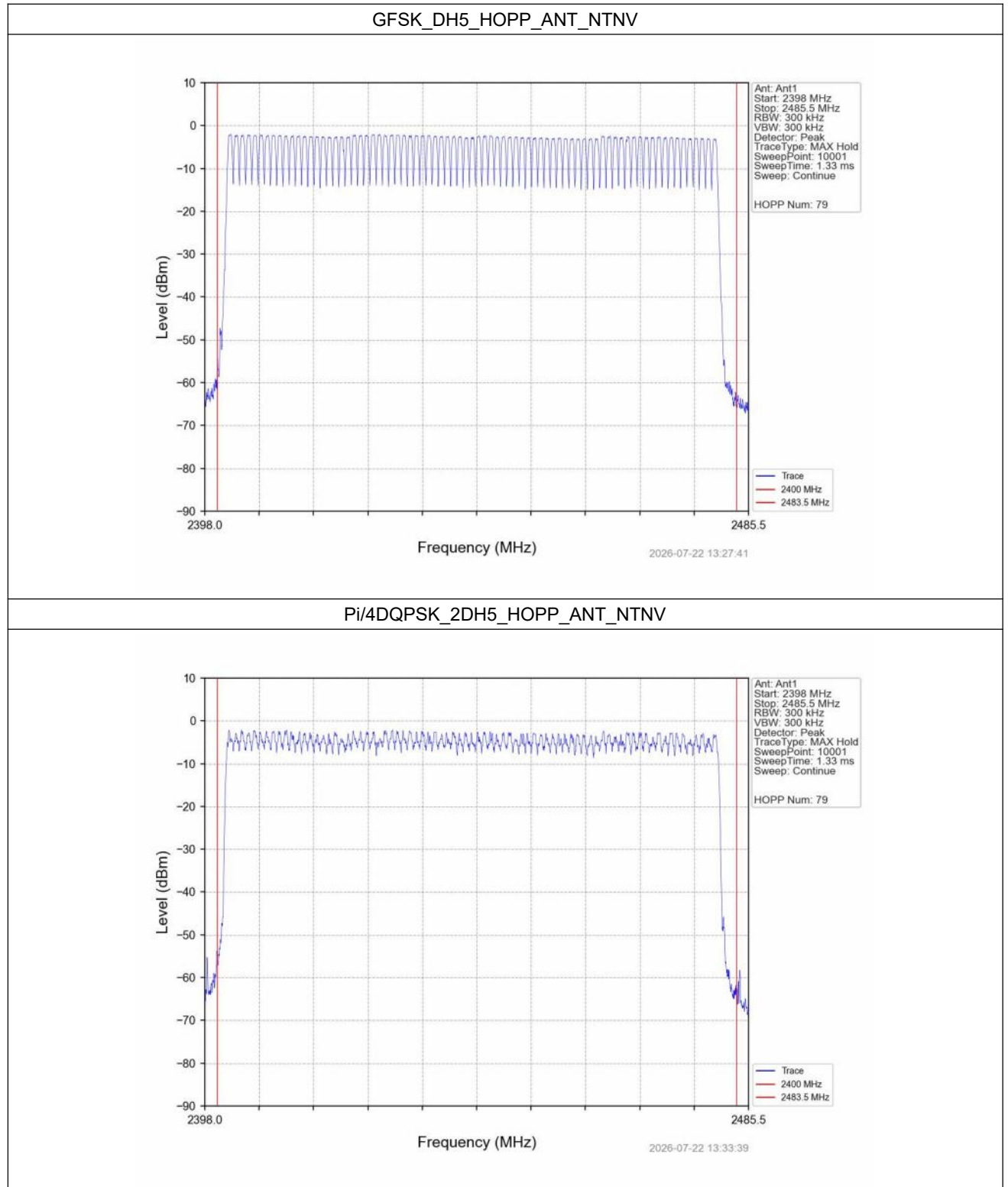


Right:

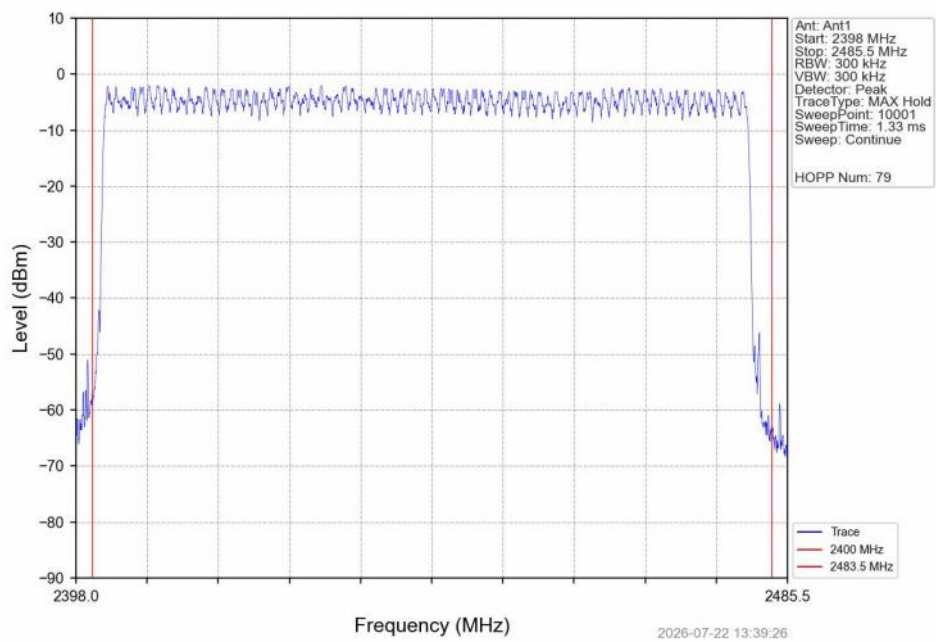
HoppNum

Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT	Limit	
GFSK	SISO	HOPP	DH5	79	≥ 15	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	79	≥ 15	Pass
8DPSK	SISO	HOPP	3DH5	79	≥ 15	Pass

Test Graph
HoppNum



8DPSK_3DH5_HOPP_ANT_NTNV



7.7. Conducted Spurious & Band Edge Emission

Test Result

left

Reference

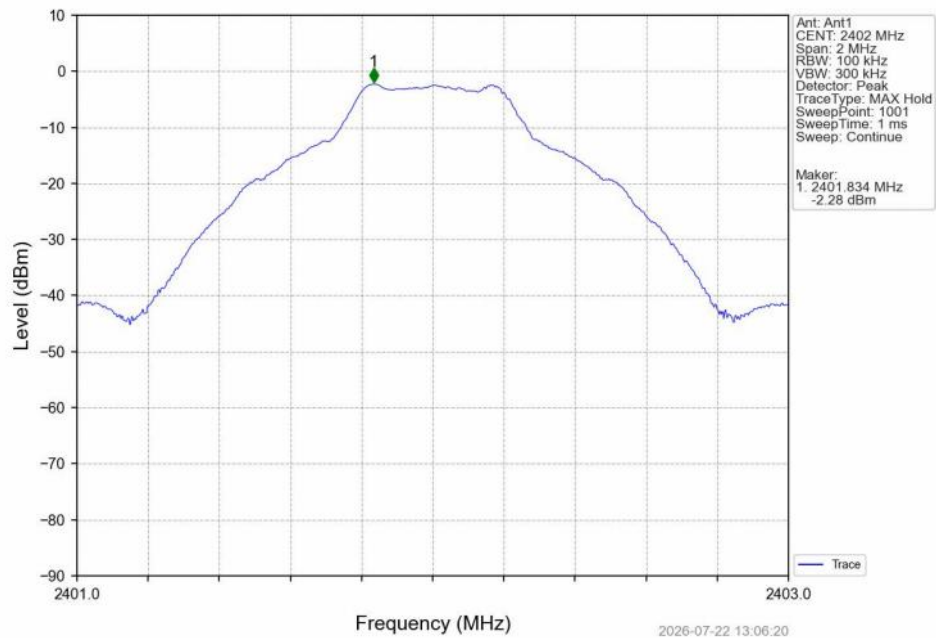
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	-2.28
		2441	DH5	1	-2.88
		2480	DH5	1	-3.32
Pi/4DQPSK	SISO	2402	2DH5	1	-2.35
		2441	2DH5	1	-2.88
		2480	2DH5	1	-3.29
8DPSK	SISO	2402	3DH5	1	-2.34
		2441	3DH5	1	-2.87
		2480	3DH5	1	-3.28

Conduct suppose emission

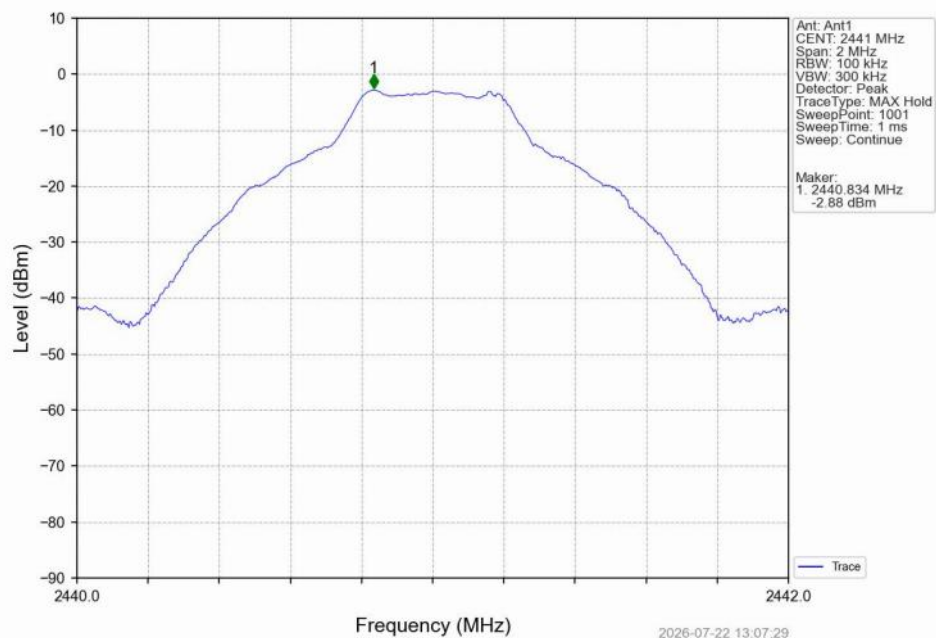
Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	-2.28	-22.28	Pass
		2441	DH5	1	-2.28	-22.28	Pass
		2480	DH5	1	-2.28	-22.28	Pass
		HOPP	DH5	1	-2.28	-22.28	Pass
					-2.28	-22.28	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	-2.35	-22.35	Pass
		2441	2DH5	1	-2.35	-22.35	Pass
		2480	2DH5	1	-2.35	-22.35	Pass
		HOPP	2DH5	1	-2.35	-22.35	Pass
					-2.35	-22.35	Pass
8DPSK	SISO	2402	3DH5	1	-2.34	-22.34	Pass
		2441	3DH5	1	-2.34	-22.34	Pass
		2480	3DH5	1	-2.34	-22.34	Pass
		HOPP	3DH5	1	-2.34	-22.34	Pass
					-2.34	-22.34	Pass

Test Graph
Reference

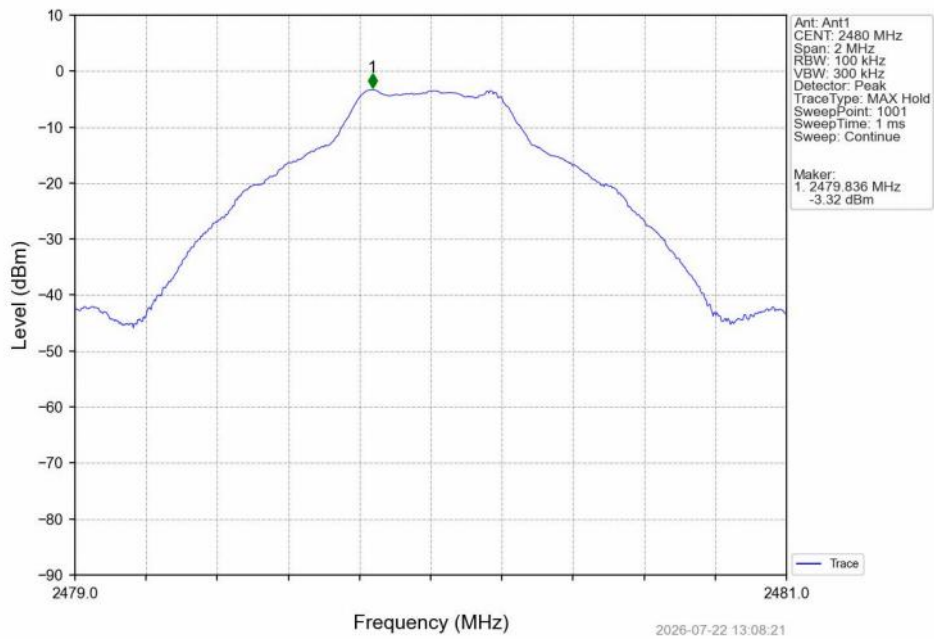
GFSK_DH5_LCH_2402MHz_ANT_NTNV



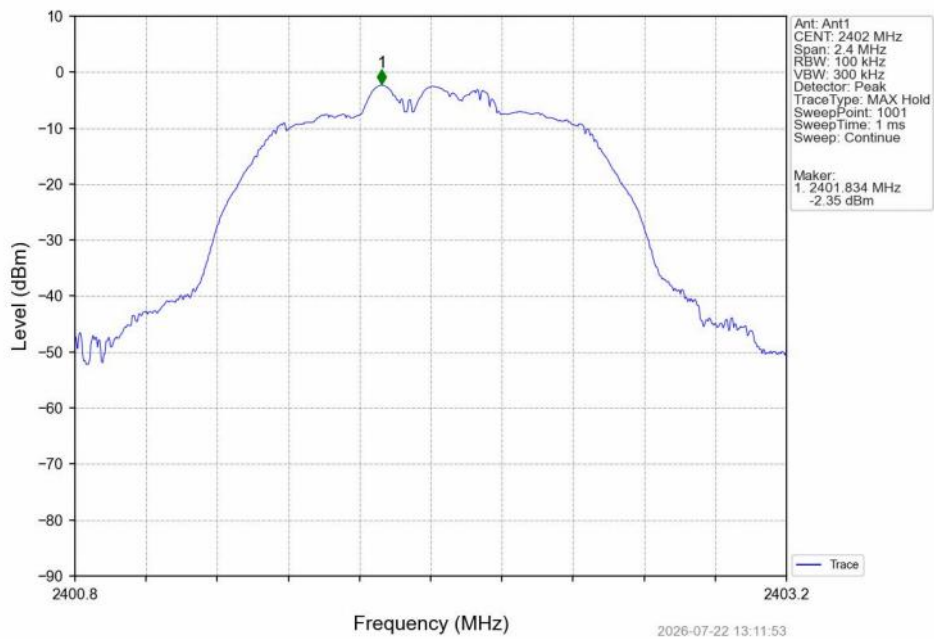
GFSK_DH5_MCH_2441MHz_ANT_NTNV



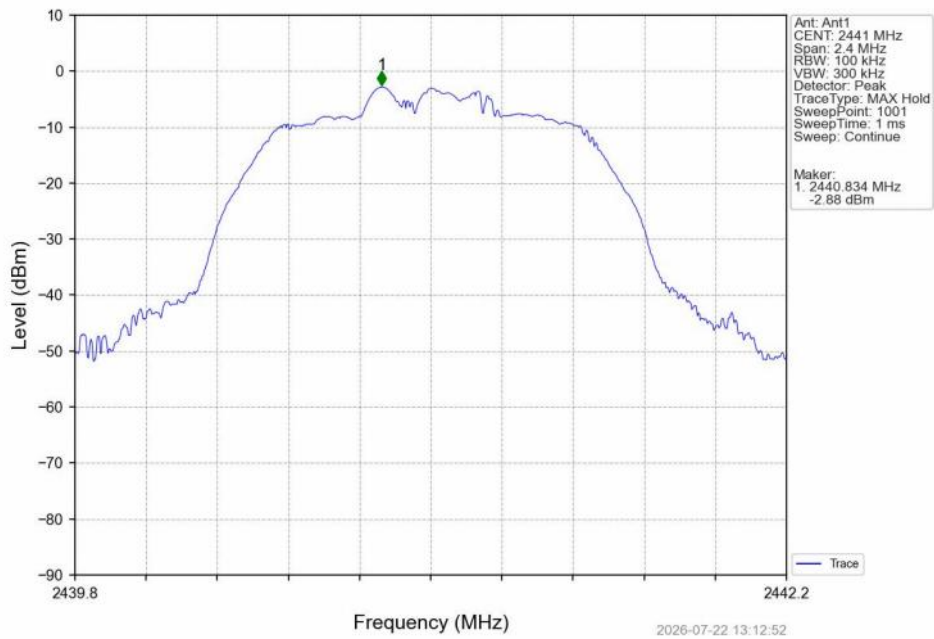
GFSK_DH5_HCH_2480MHz_ANT_NTNV



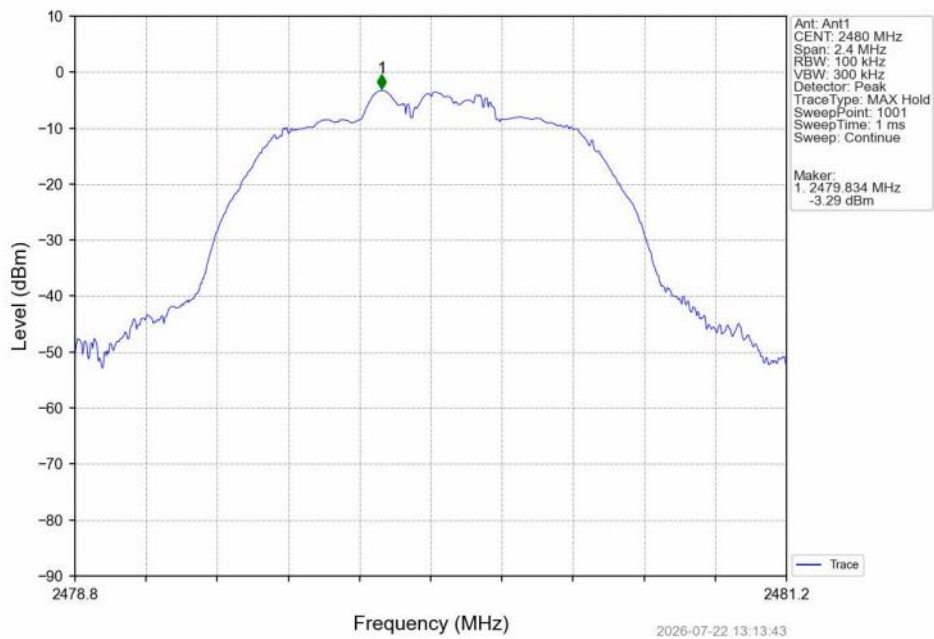
Pi/4DQPSK_2DH5_LCH_2402MHz_ANT_NTNV



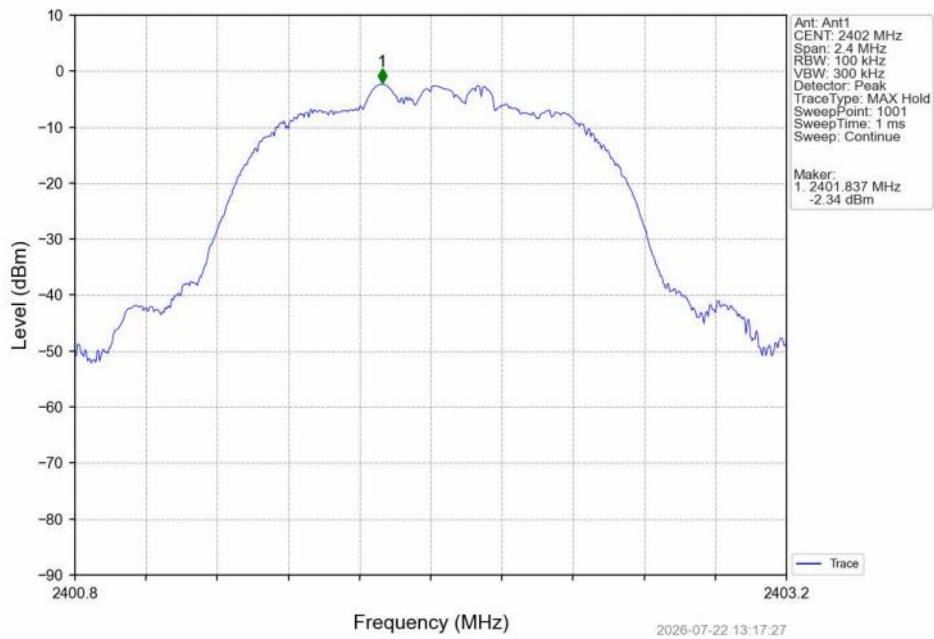
Pi/4DQPSK_2DH5_MCH_2441MHz_ANT_NTNV



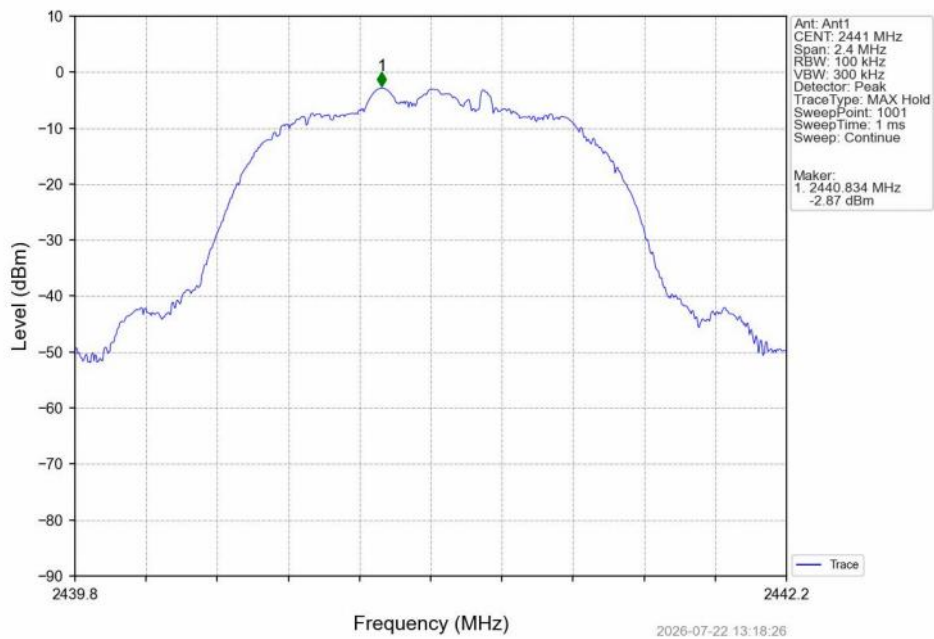
Pi/4DQPSK_2DH5_HCH_2480MHz_ANT_NTNV



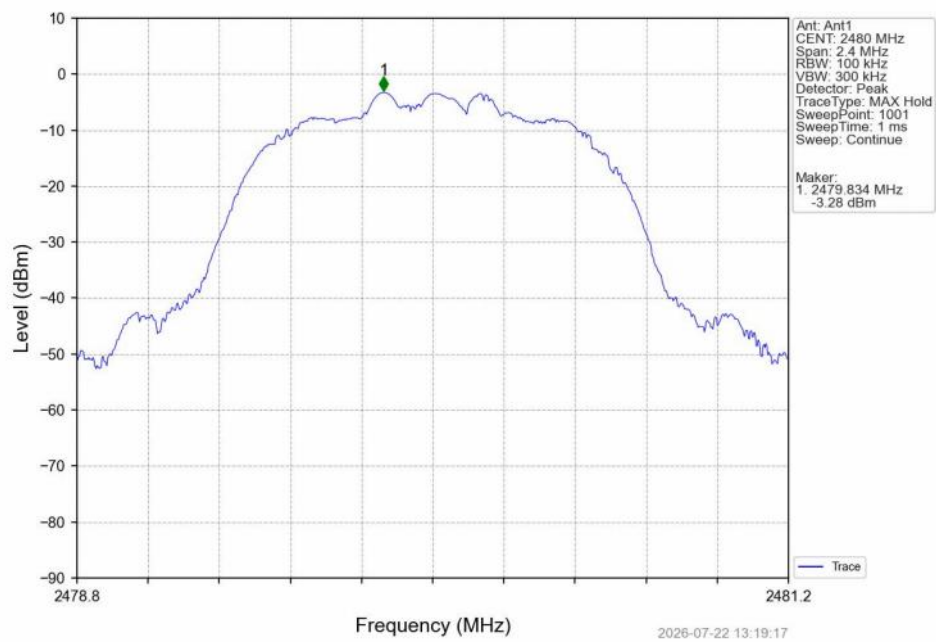
8DPSK_3DH5_LCH_2402MHz_ANT_NTNV



8DPSK_3DH5_MCH_2441MHz_ANT_NTNV

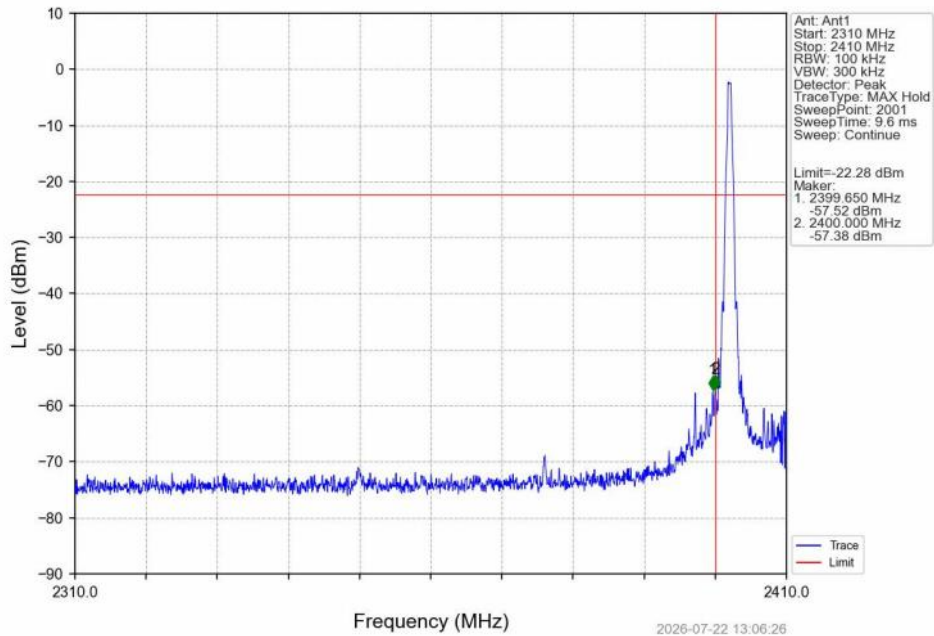


8DPSK_3DH5_HCH_2480MHz_ANT_NTNV

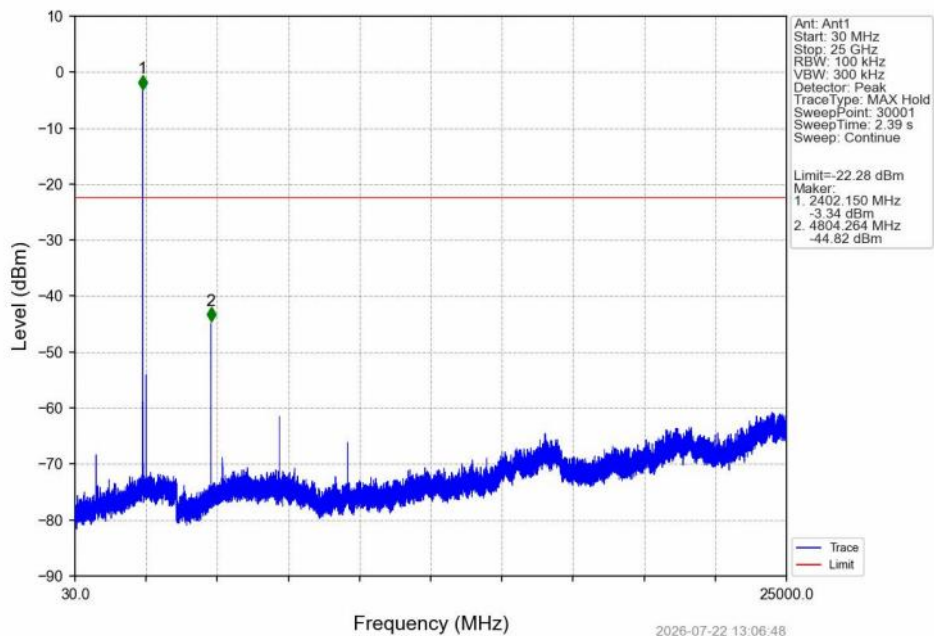


Conduct suppose emission

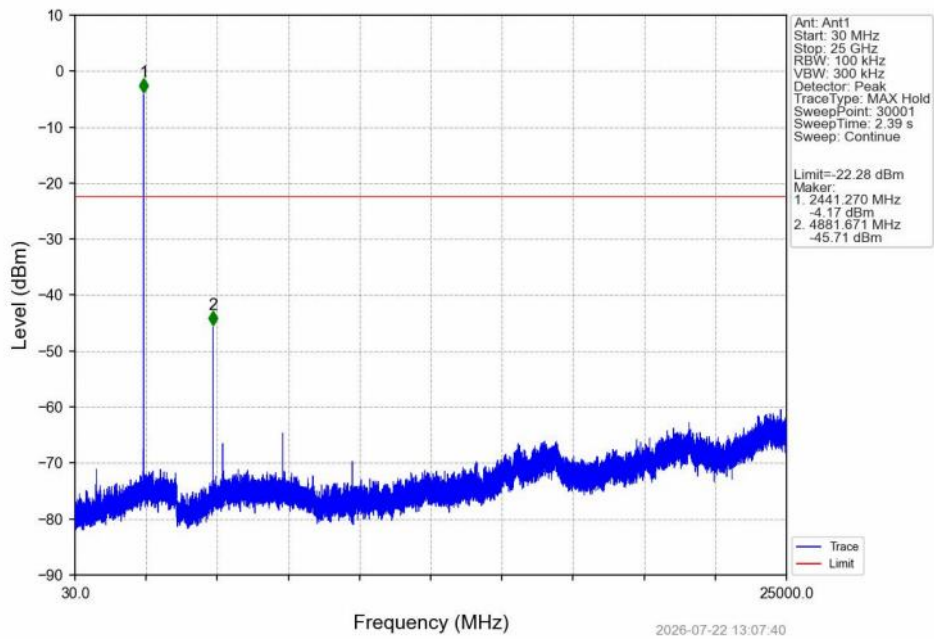
GFSK_DH5_LCH_2402MHz_ANT_NTNV



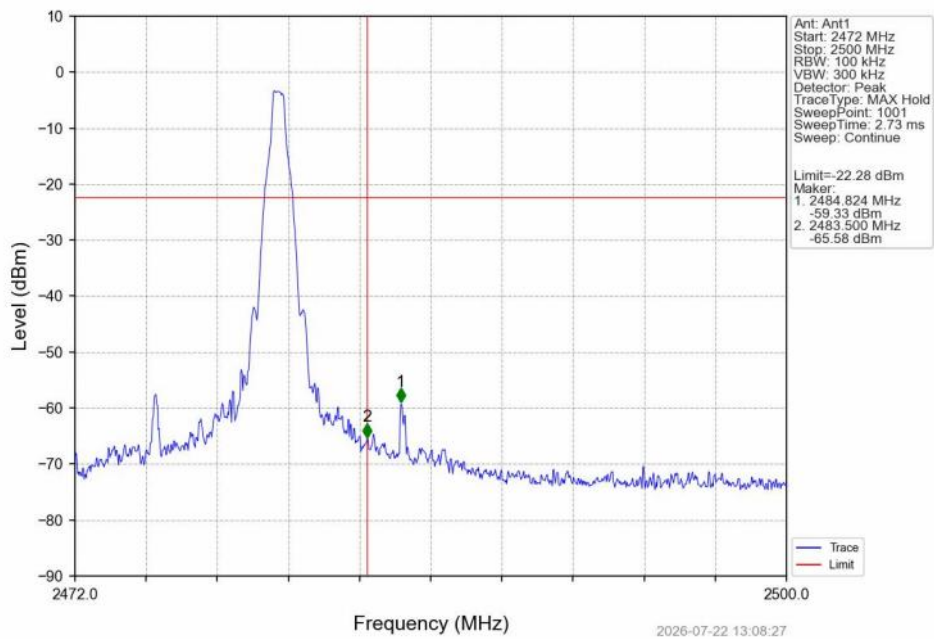
GFSK_DH5_LCH_2402MHz_ANT_NTNV



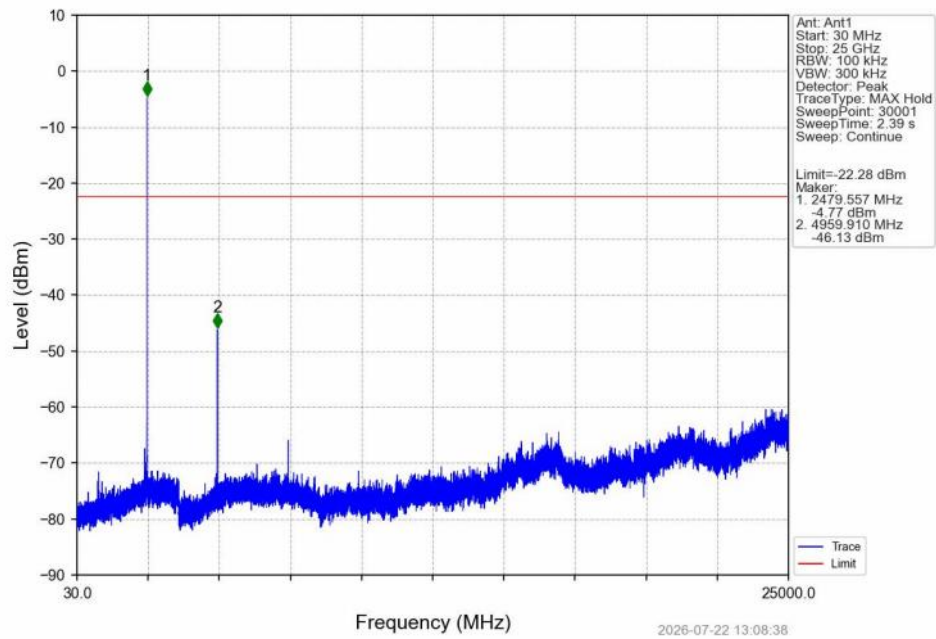
GFSK_DH5_MCH_2441MHz_ANT_NTNV



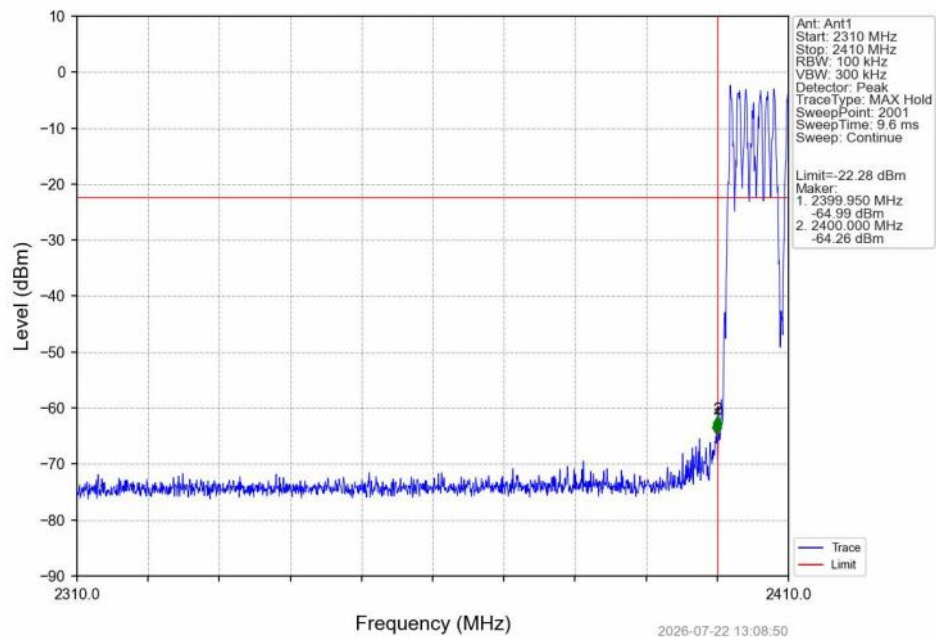
GFSK_DH5_HCH_2480MHz_ANT_NTNV



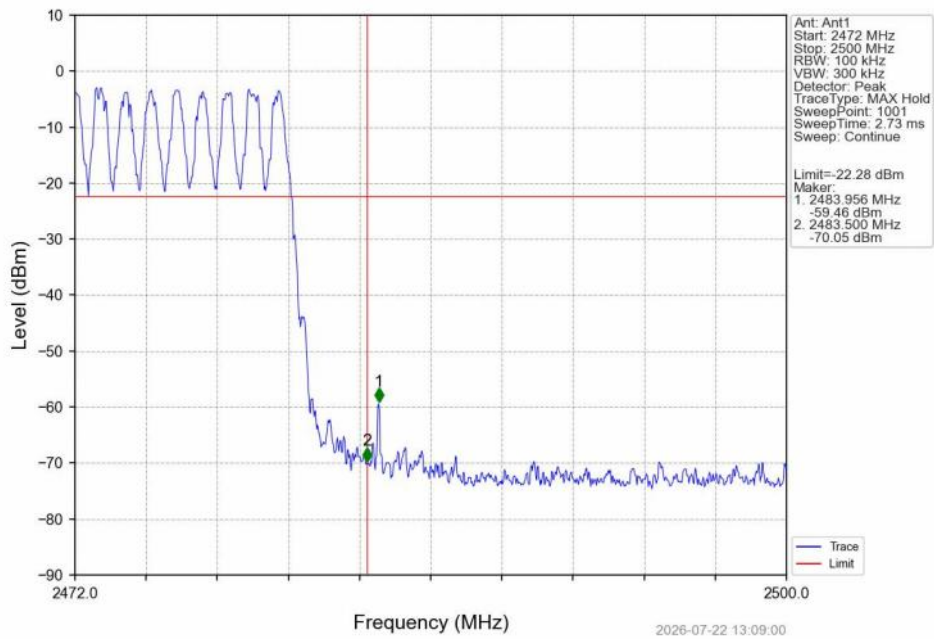
GFSK_DH5_HCH_2480MHz_ANT_NTNV



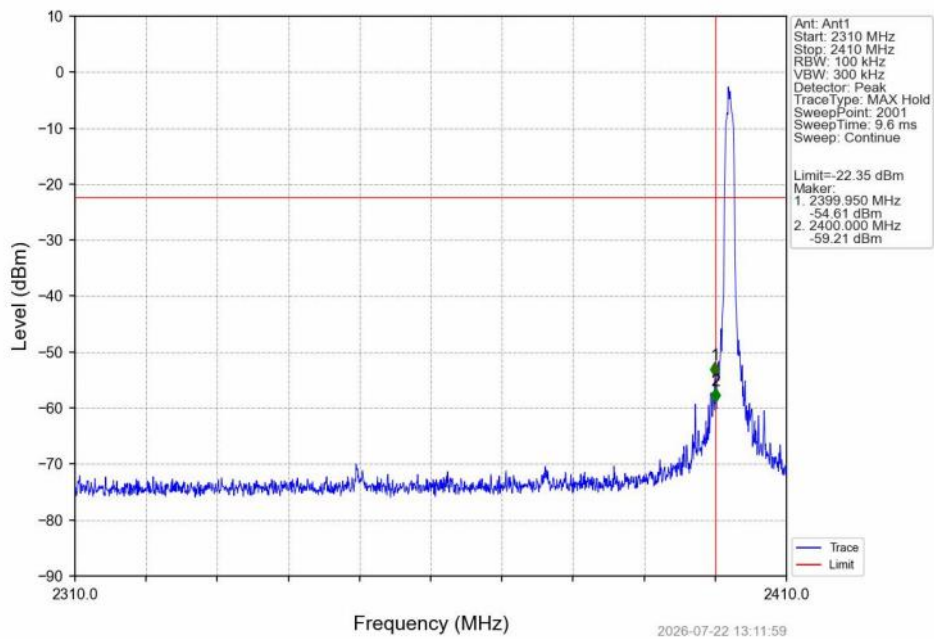
GFSK_DH5_HOPP_ANT_NTNV



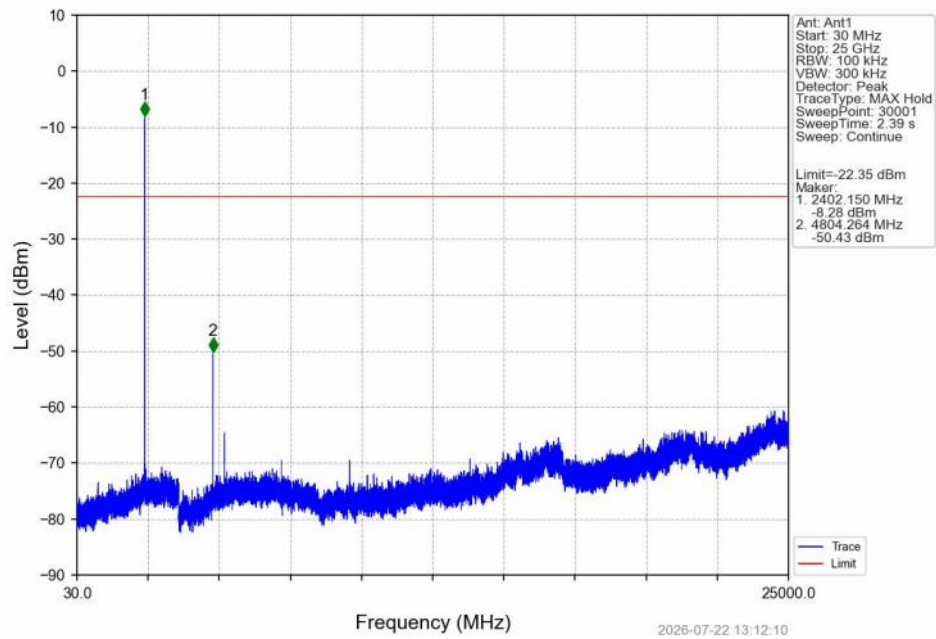
GFSK_DH5_HOPP_ANT_NTNV



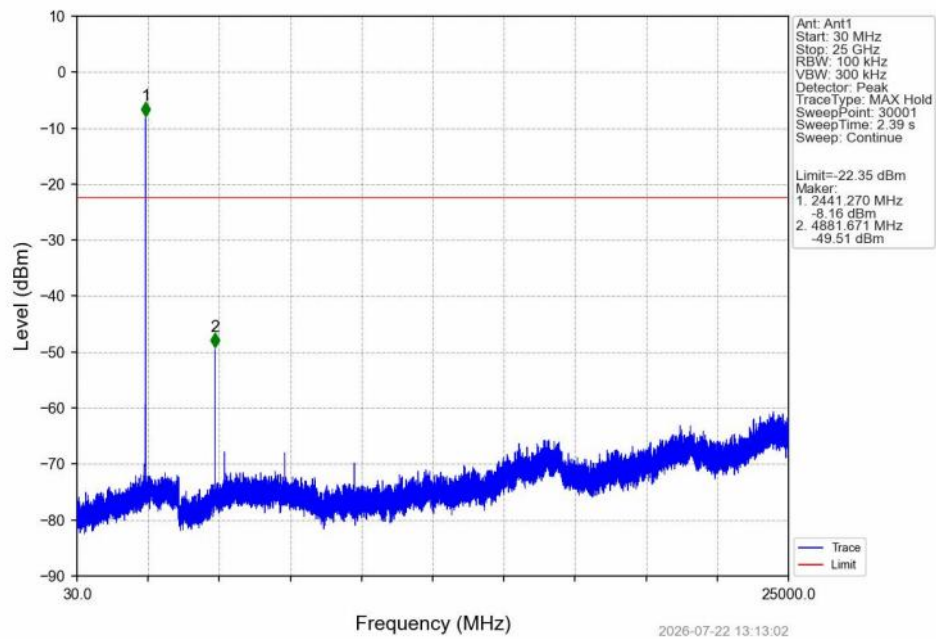
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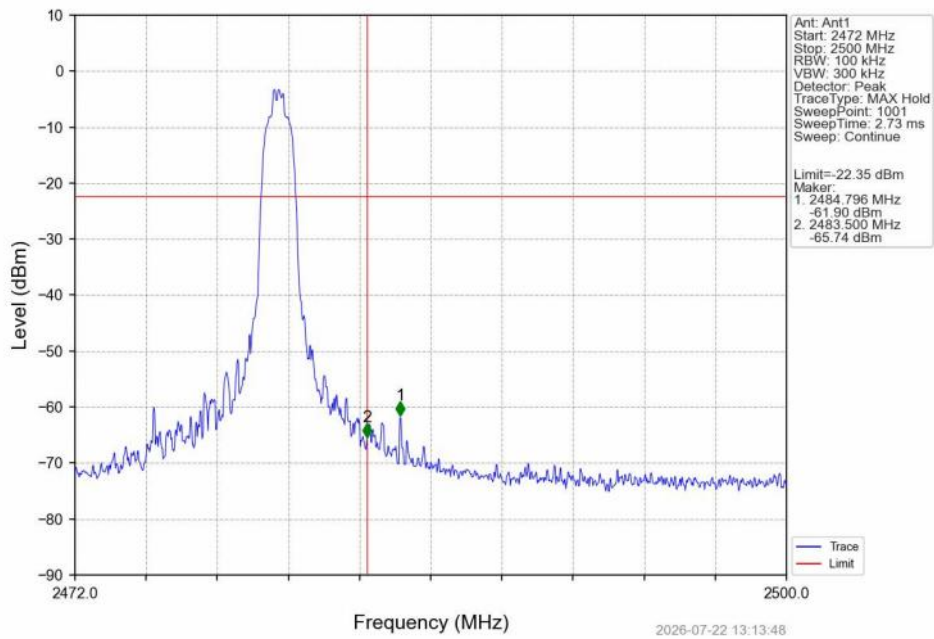
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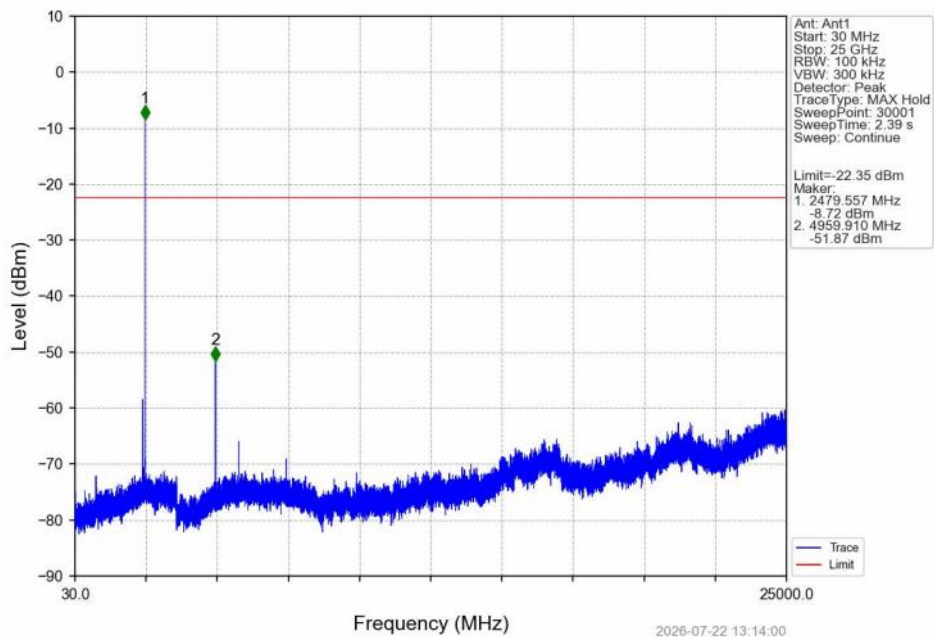
Pi/4DQPSK_2DH5_MCH_2441MHz_ANT_NTNV



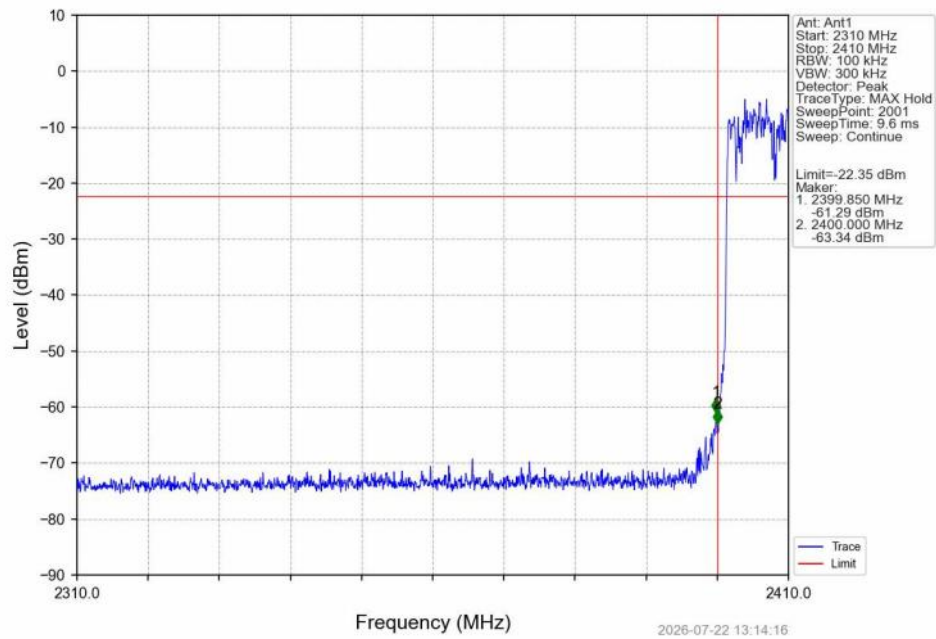
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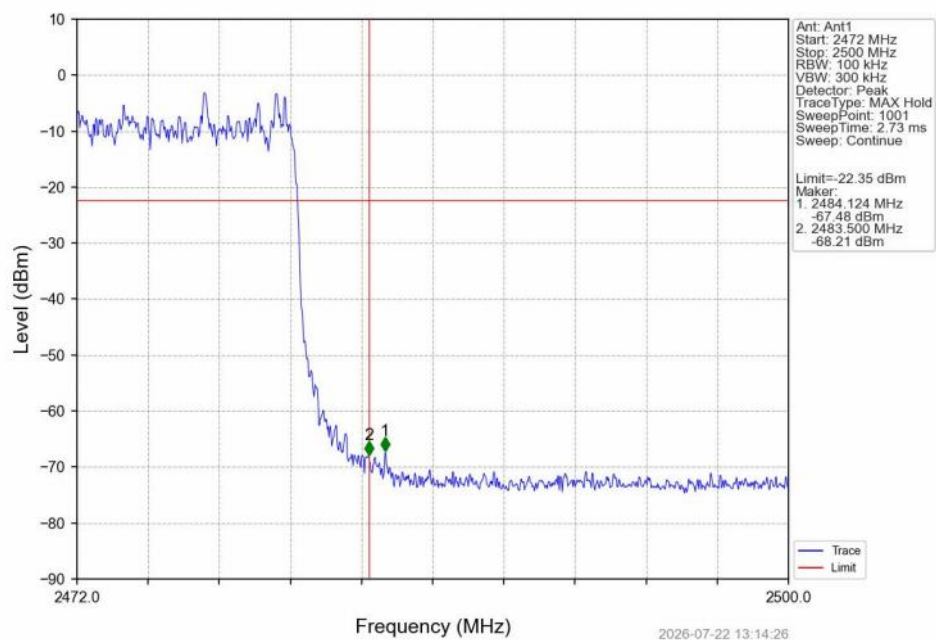
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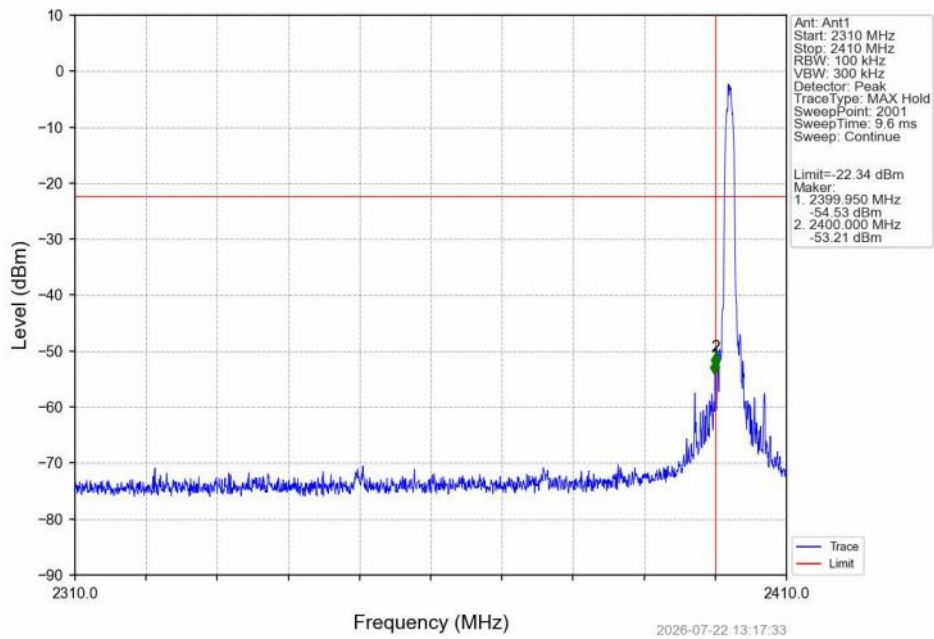
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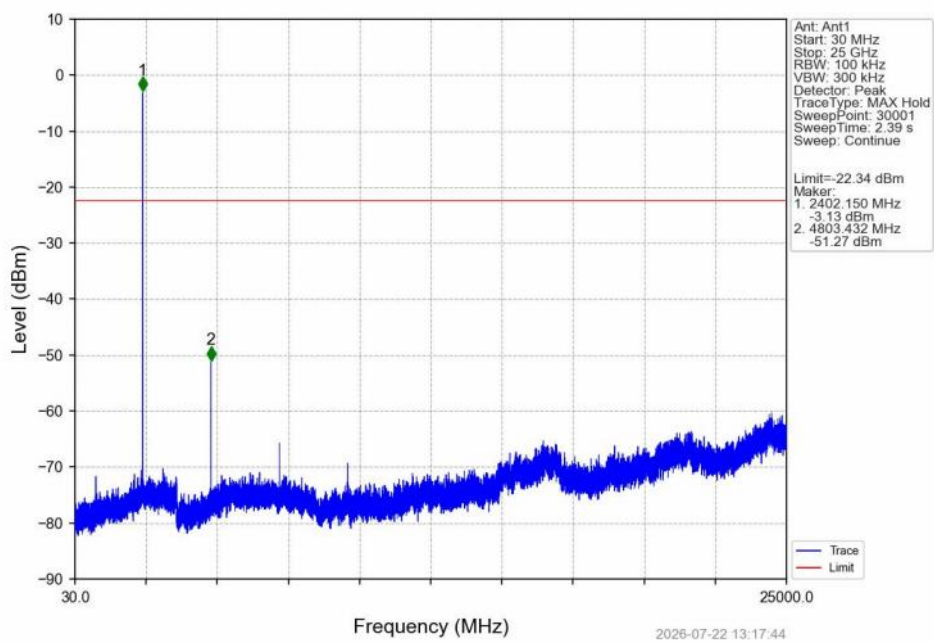
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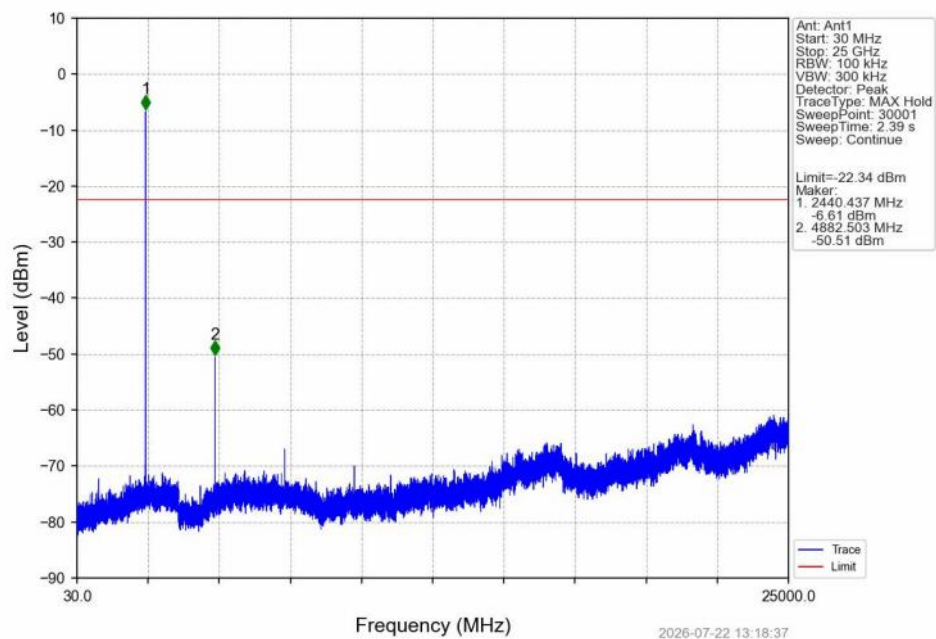
8DPSK_3DH5_LCH_2402MHz_ANT_NTNV



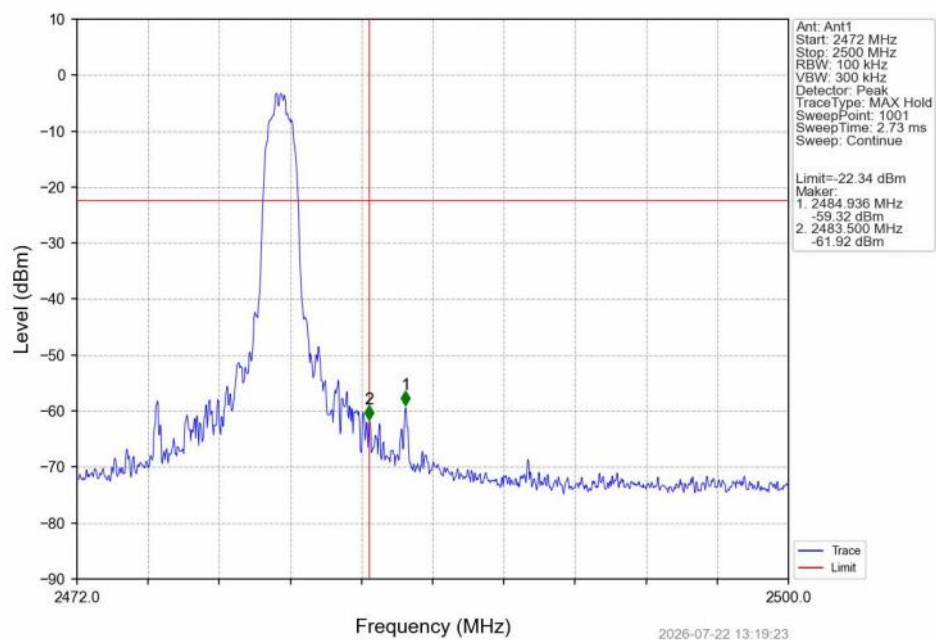
8DPSK_3DH5_LCH_2402MHz_ANT_NTNV



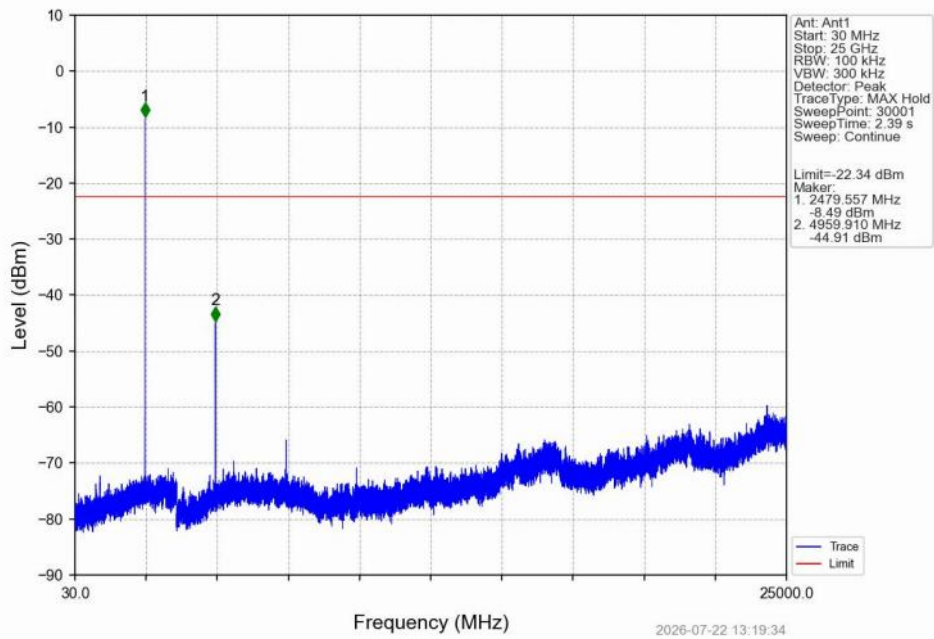
8DPSK_3DH5_MCH_2441MHz_ANT_NTNV



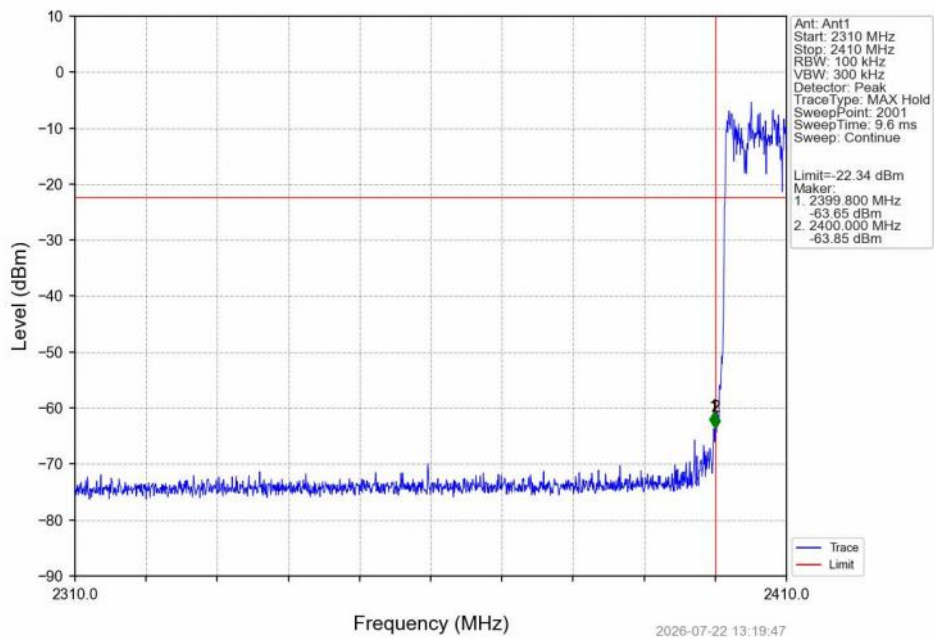
8DPSK_3DH5_HCH_2480MHz_ANT_NTNV

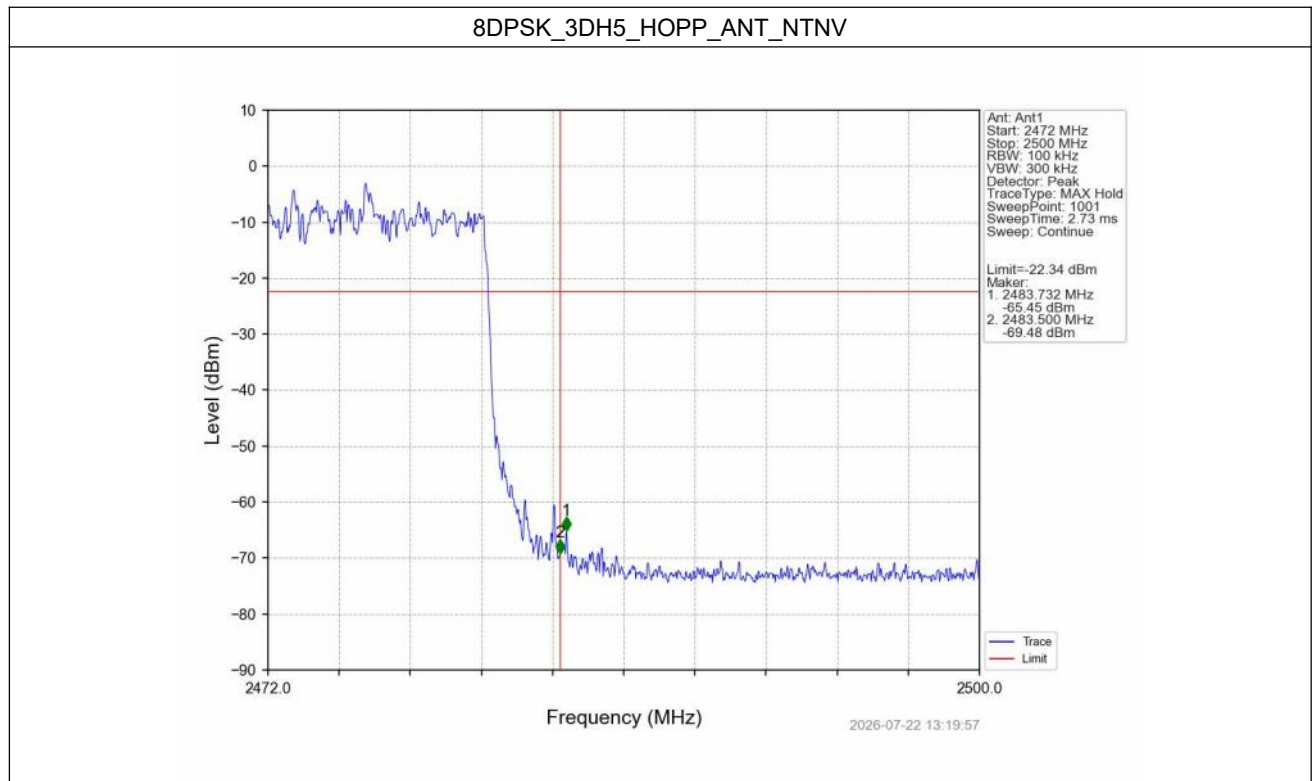


8DPSK_3DH5_HCH_2480MHz_ANT_NTNV



8DPSK_3DH5_HOPP_ANT_NTNV





Right:

Reference

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	-2.37
		2441	DH5	1	-2.88
		2480	DH5	1	-3.30
Pi/4DQPSK	SISO	2402	2DH5	1	-2.31
		2441	2DH5	1	-2.83
		2480	2DH5	1	-3.28
8DPSK	SISO	2402	3DH5	1	-2.34
		2441	3DH5	1	-2.84
		2480	3DH5	1	-3.28

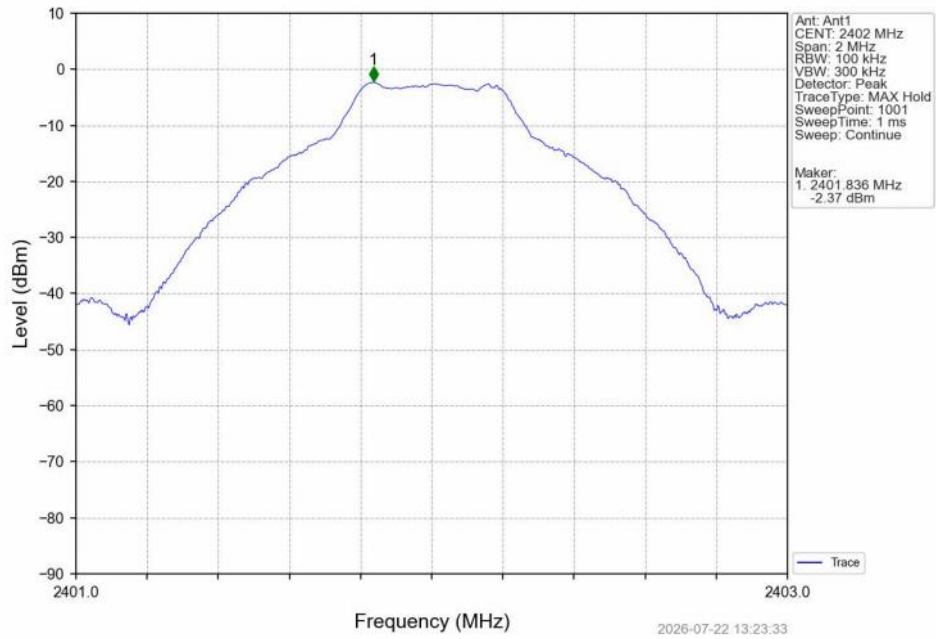
Conduct suppose emission

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	-2.37	-22.37	Pass
		2441	DH5	1	-2.37	-22.37	Pass
		2480	DH5	1	-2.37	-22.37	Pass
		HOPP	DH5	1	-2.37	-22.37	Pass
					-2.37	-22.37	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	-2.31	-22.31	Pass
		2441	2DH5	1	-2.31	-22.31	Pass
		2480	2DH5	1	-2.31	-22.31	Pass
		HOPP	2DH5	1	-2.31	-22.31	Pass
					-2.31	-22.31	Pass
8DPSK	SISO	2402	3DH5	1	-2.34	-22.34	Pass
		2441	3DH5	1	-2.34	-22.34	Pass

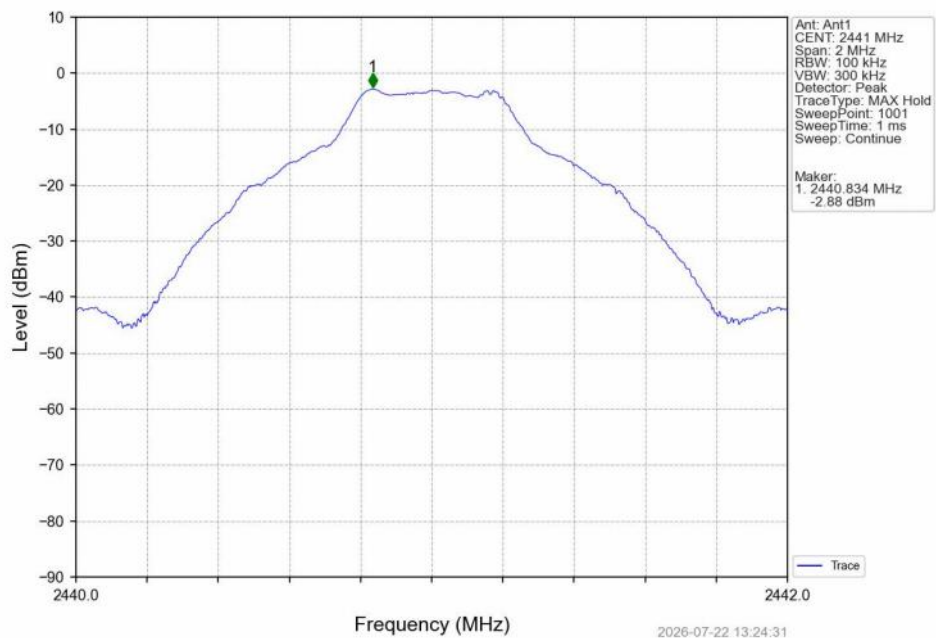
		2480	3DH5	1	-2.34	-22.34	Pass
		HOPP	3DH5	1	-2.34	-22.34	Pass
					-2.34	-22.34	Pass

Test Graph
Reference

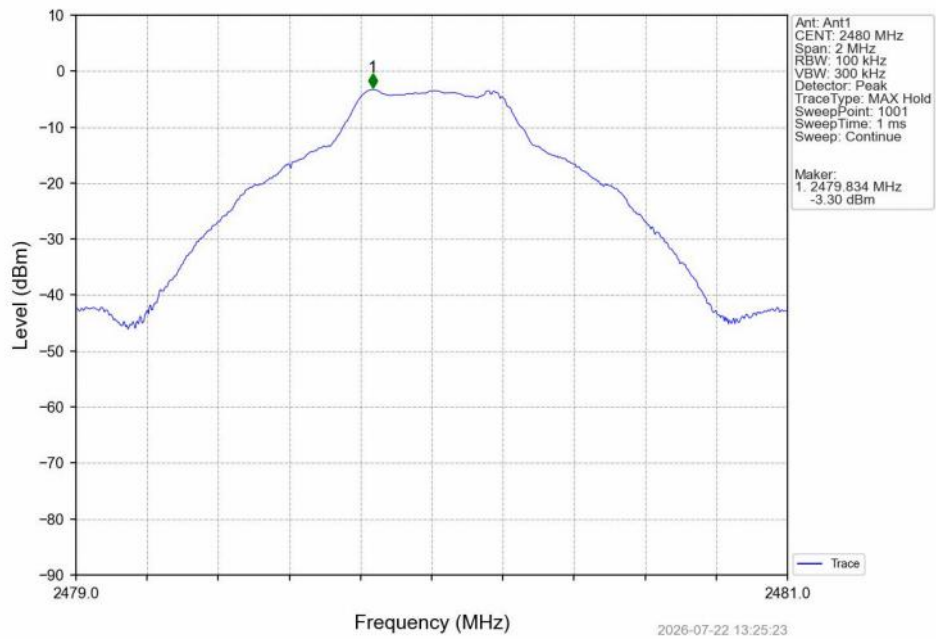
GFSK_DH5_LCH_2402MHz_ANT_NTNV



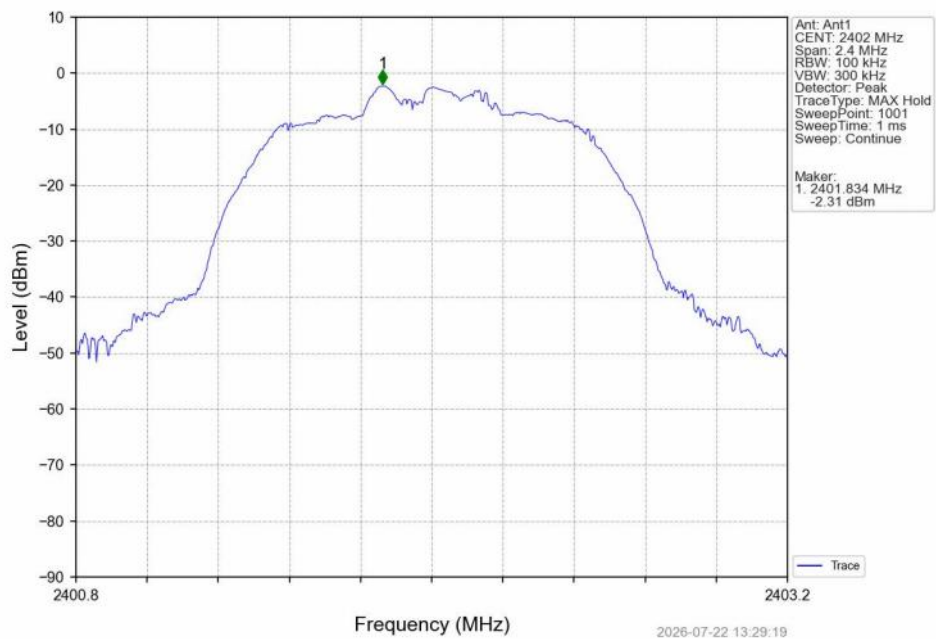
GFSK_DH5_MCH_2441MHz_ANT_NTNV



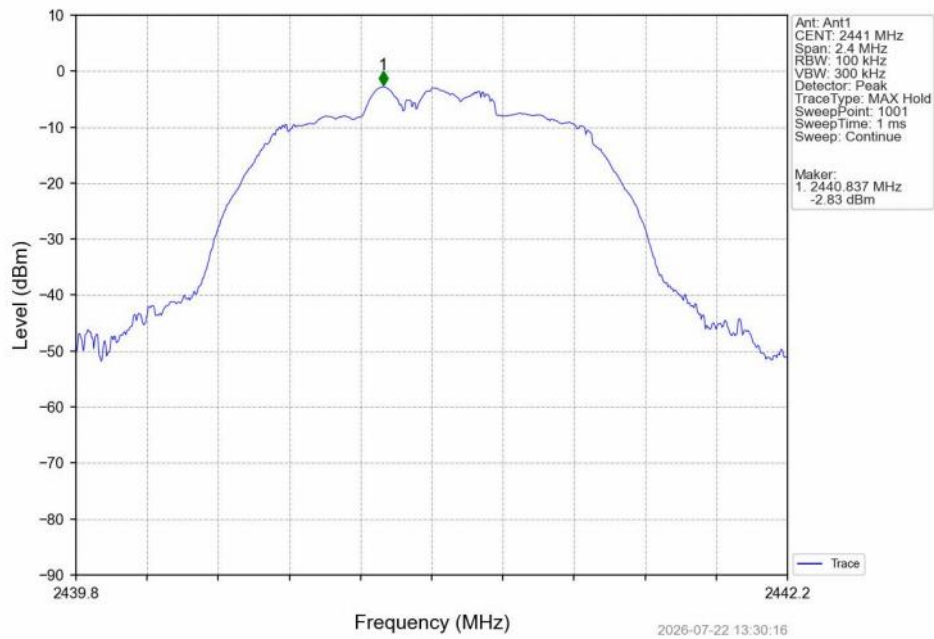
GFSK_DH5_HCH_2480MHz_ANT_NTNV



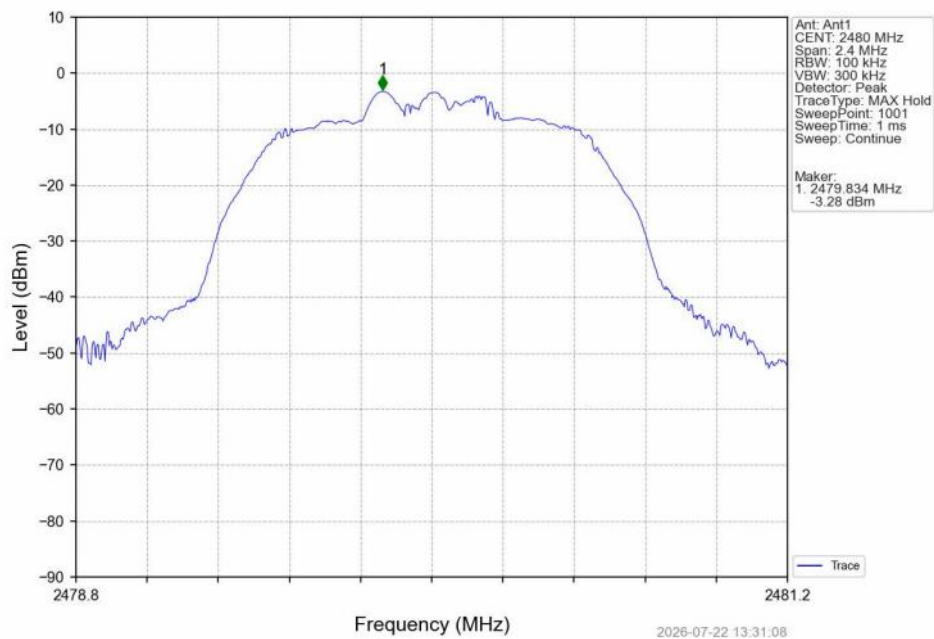
Pi/4DQPSK_2DH5_LCH_2402MHz_ANT_NTNV



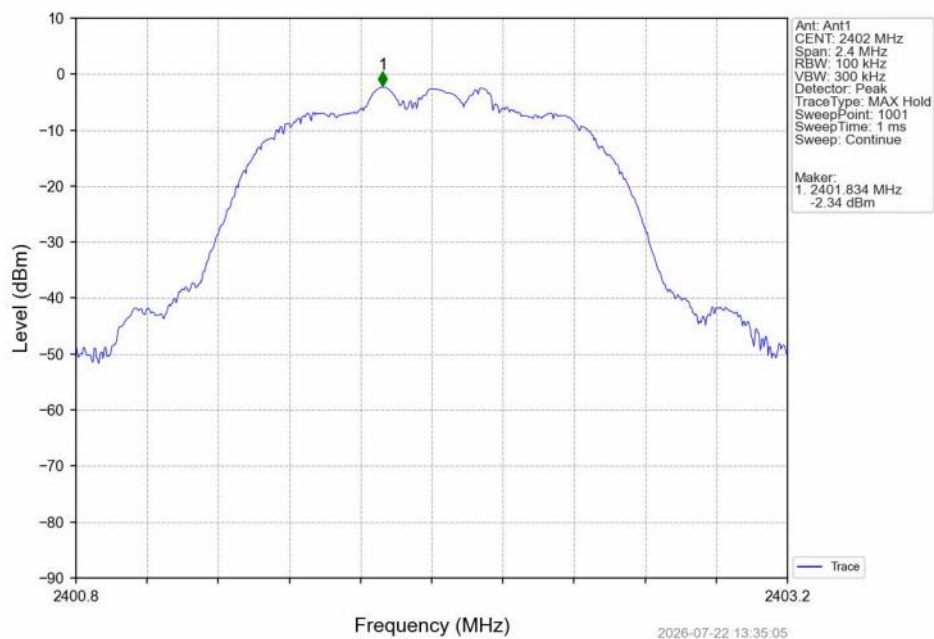
Pi/4DQPSK_2DH5_MCH_2441MHz_ANT_NTNV



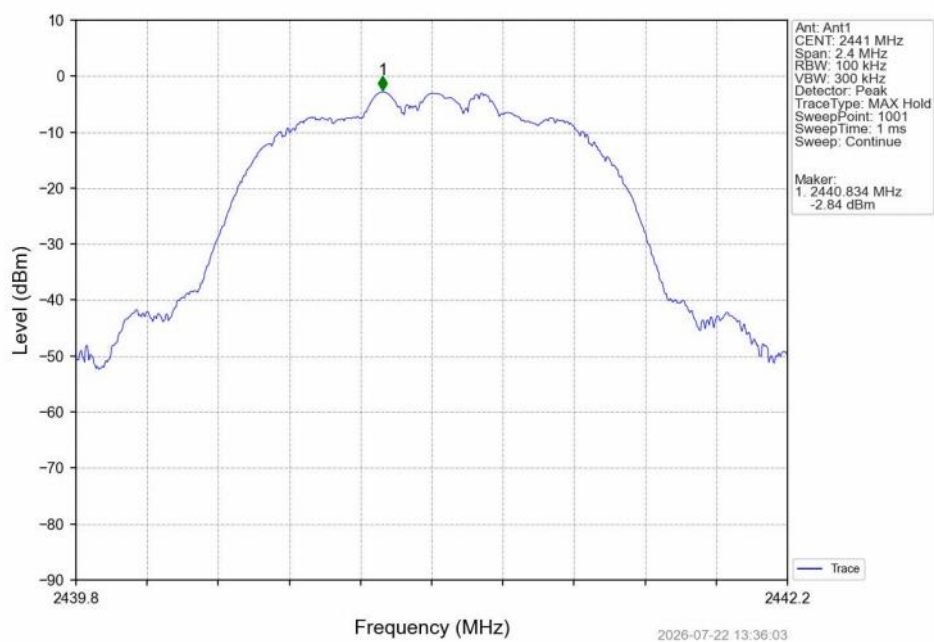
Pi/4DQPSK_2DH5_HCH_2480MHz_ANT_NTNV



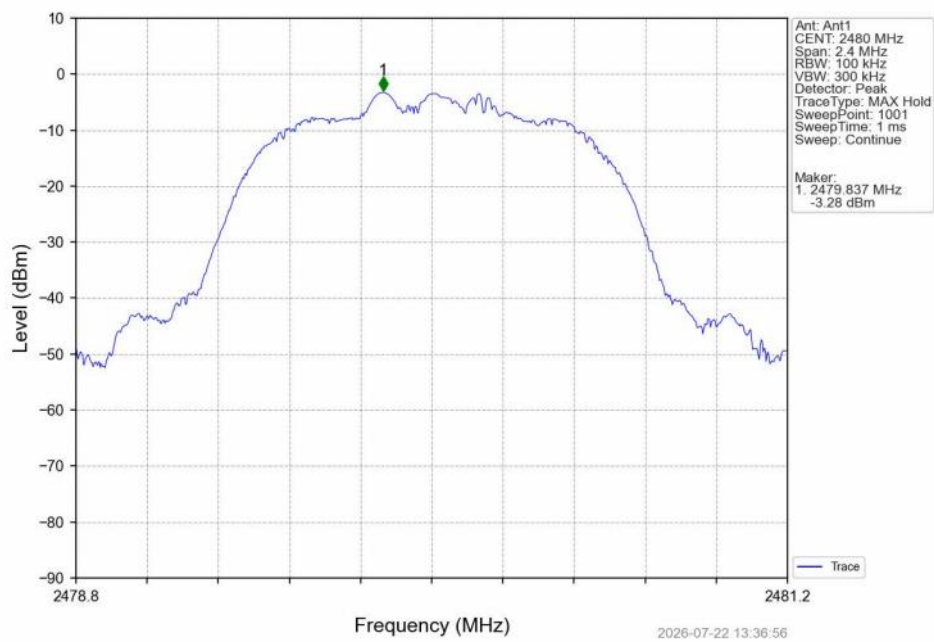
8DPSK_3DH5_LCH_2402MHz_ANT_NTNV



8DPSK_3DH5_MCH_2441MHz_ANT_NTNV

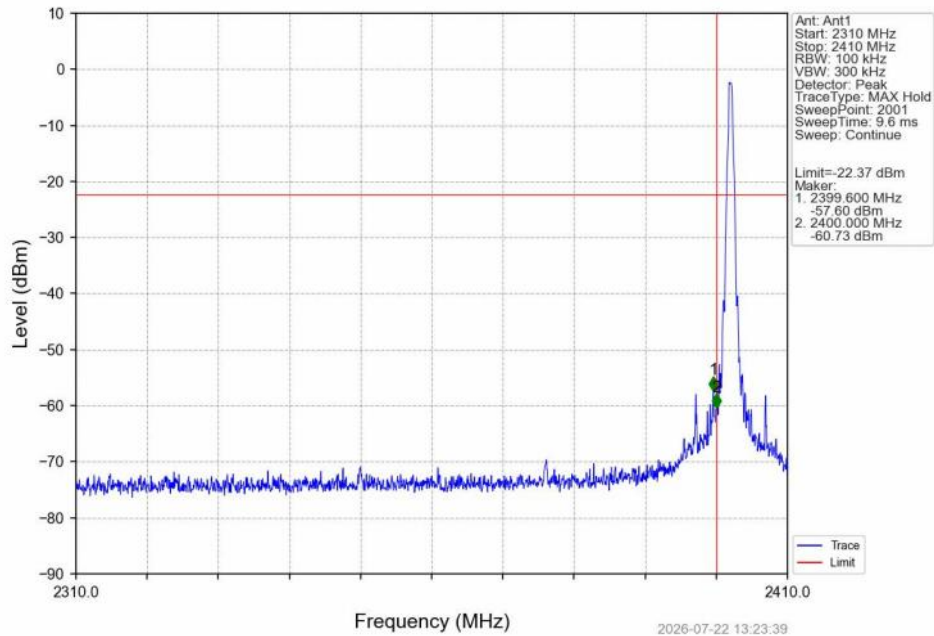


8DPSK_3DH5_HCH_2480MHz_ANT_NTNV

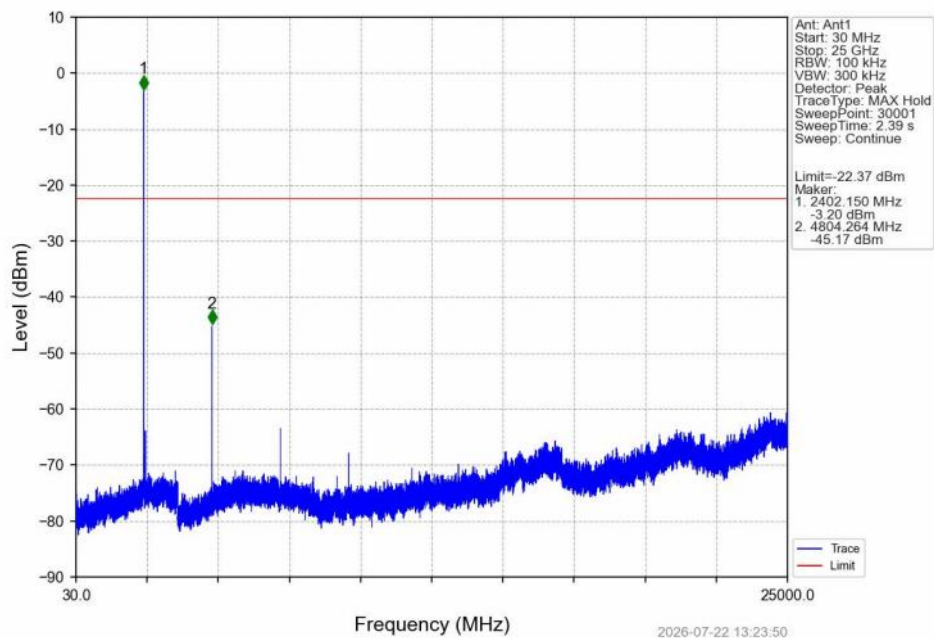


Conduct suppose emission

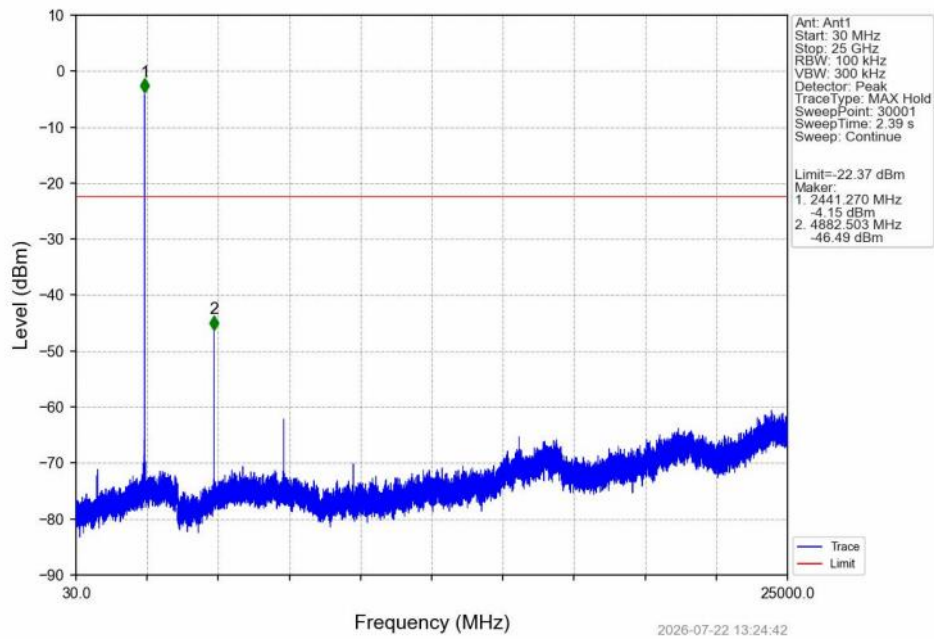
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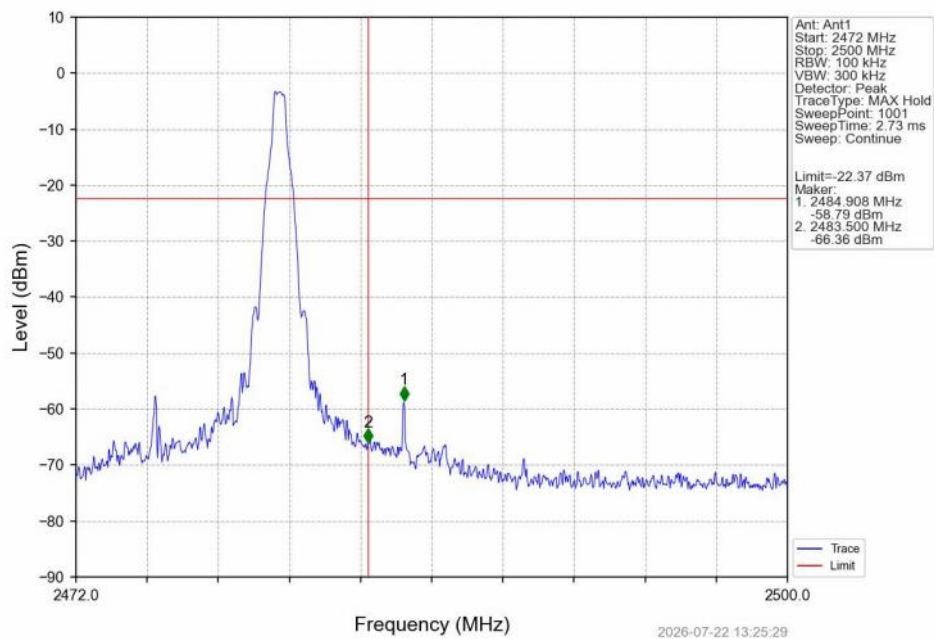
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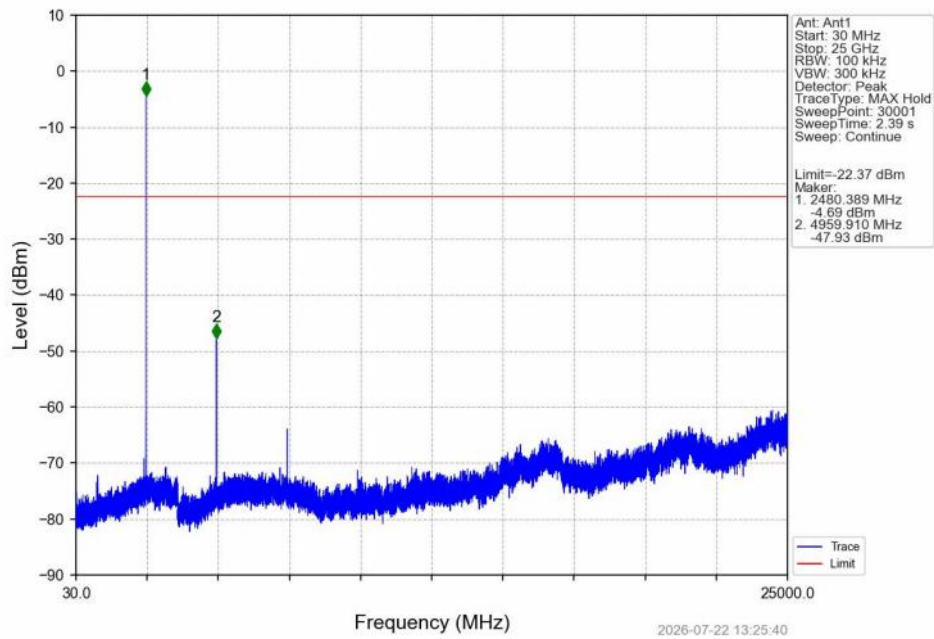
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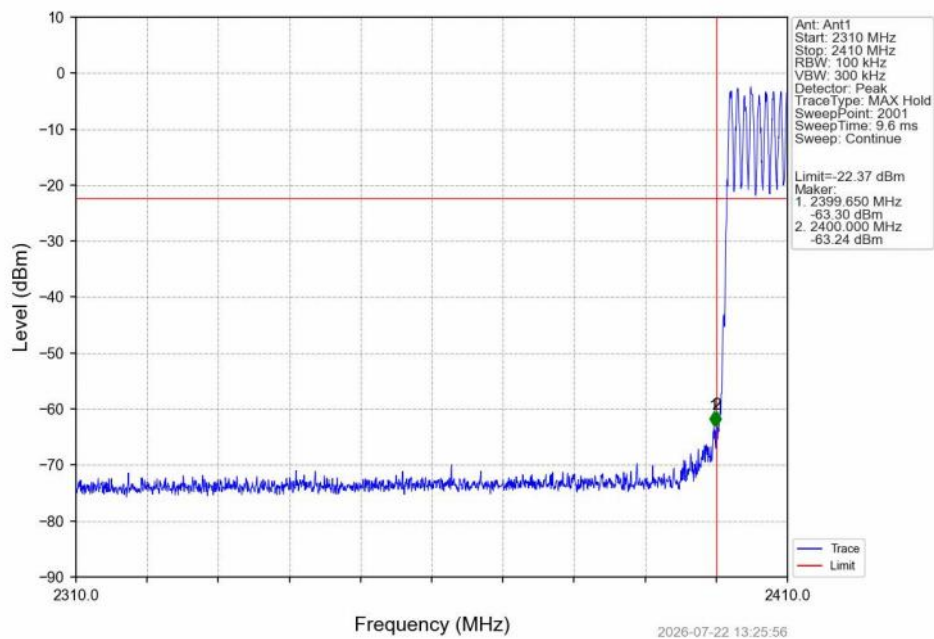
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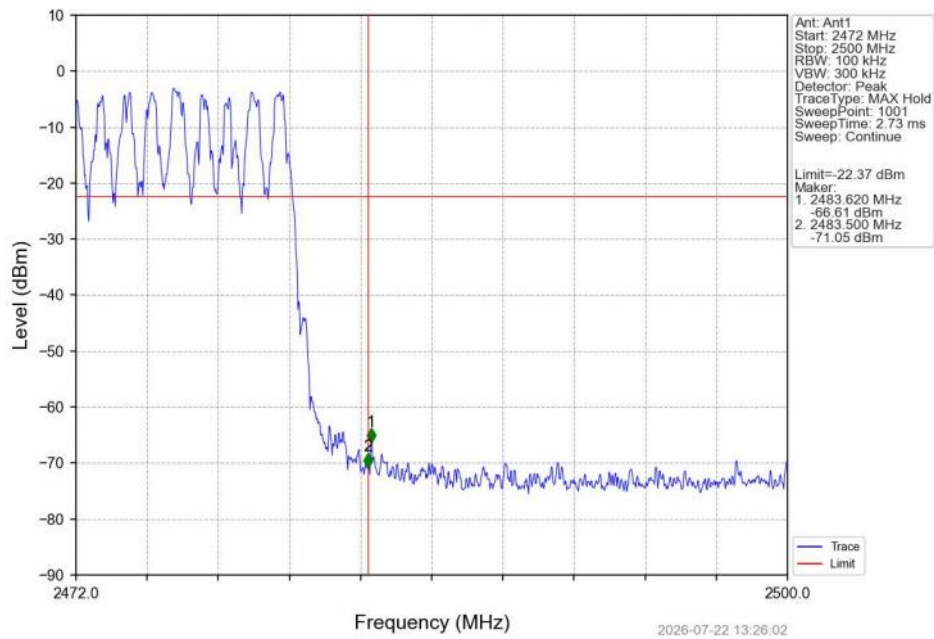
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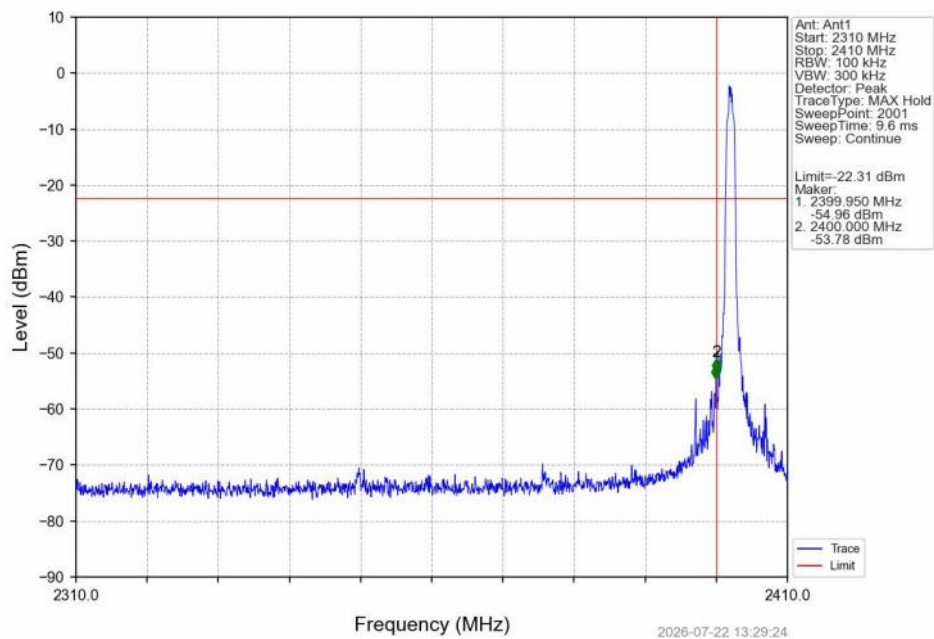
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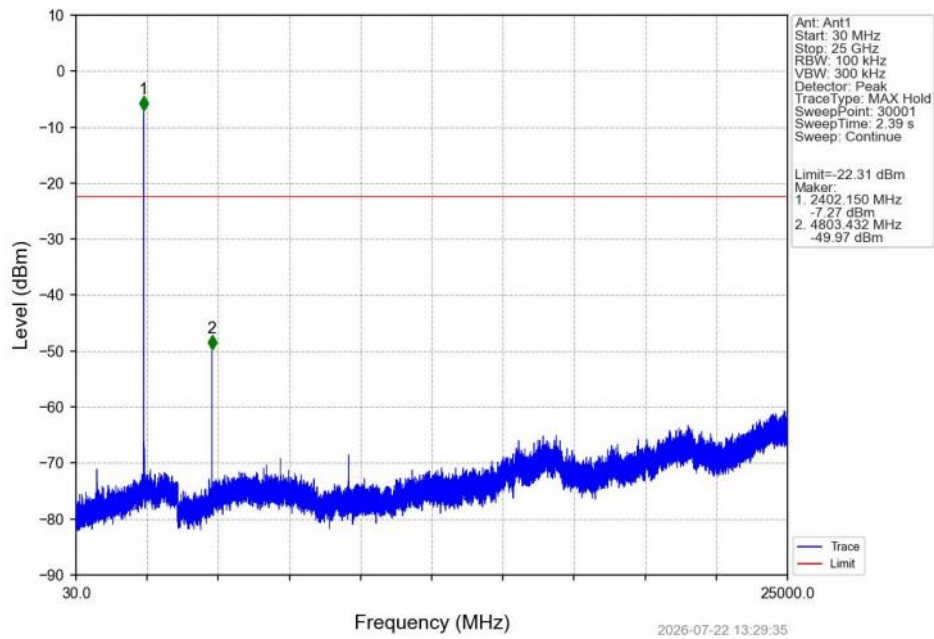
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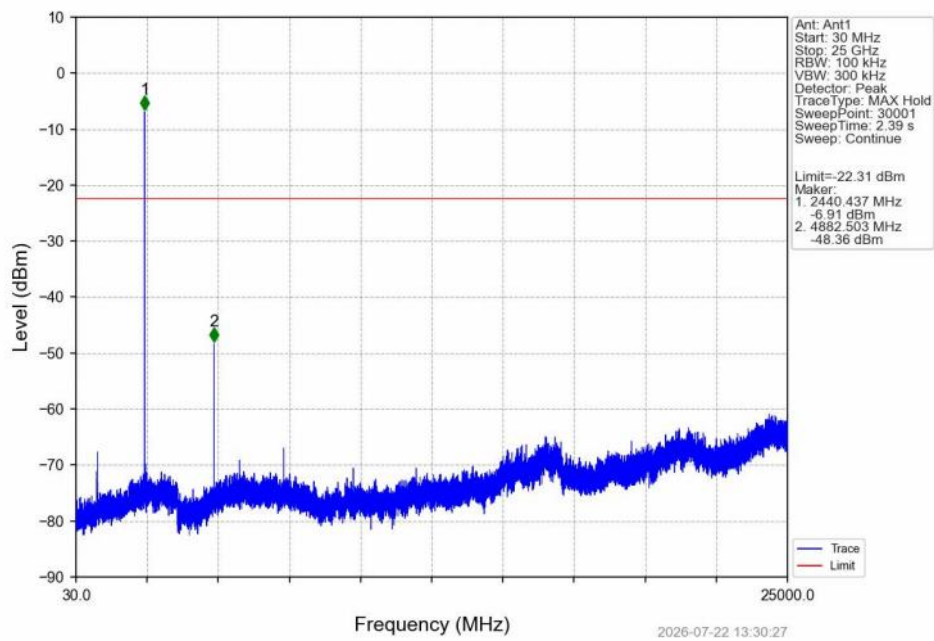
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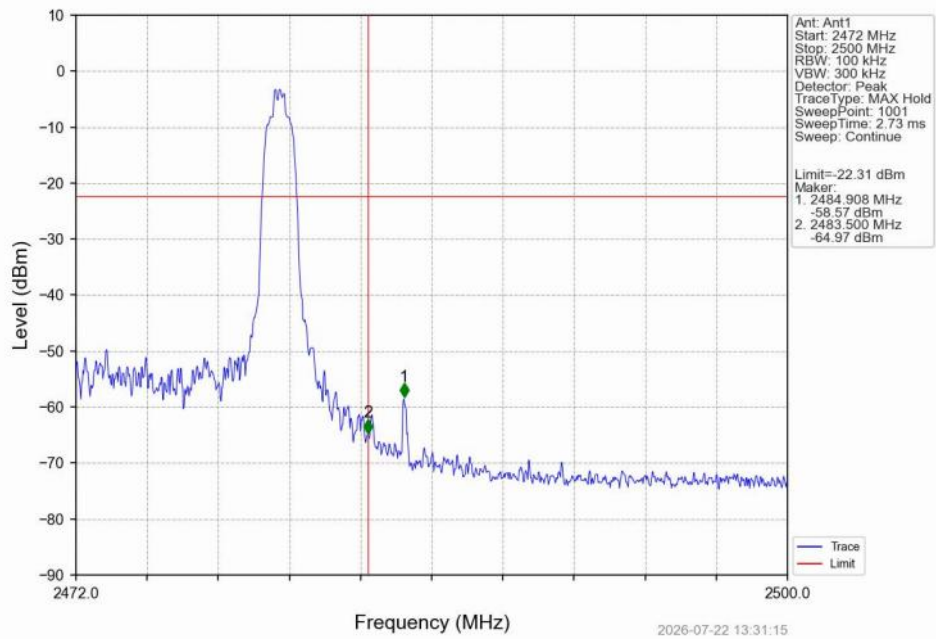
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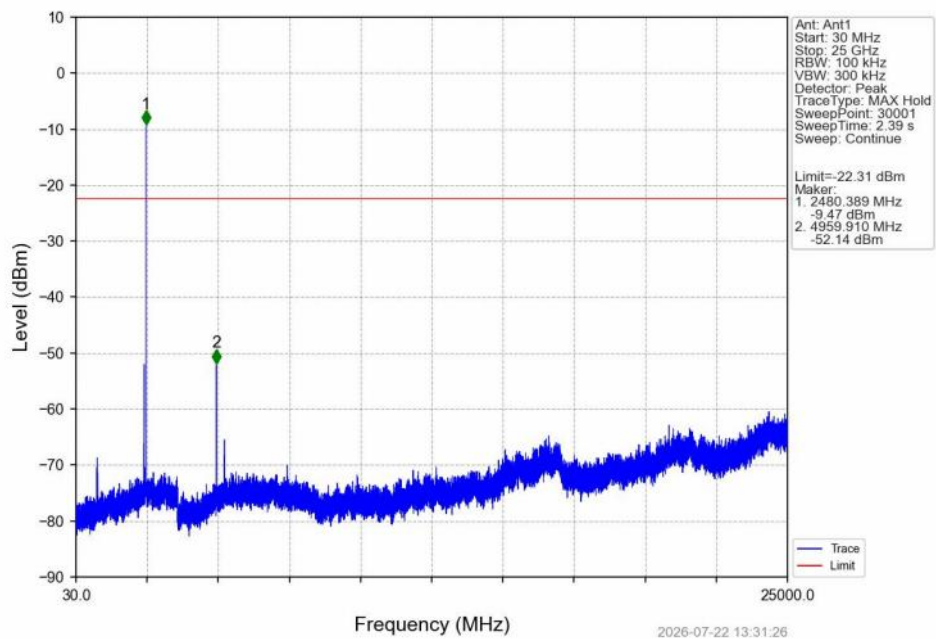
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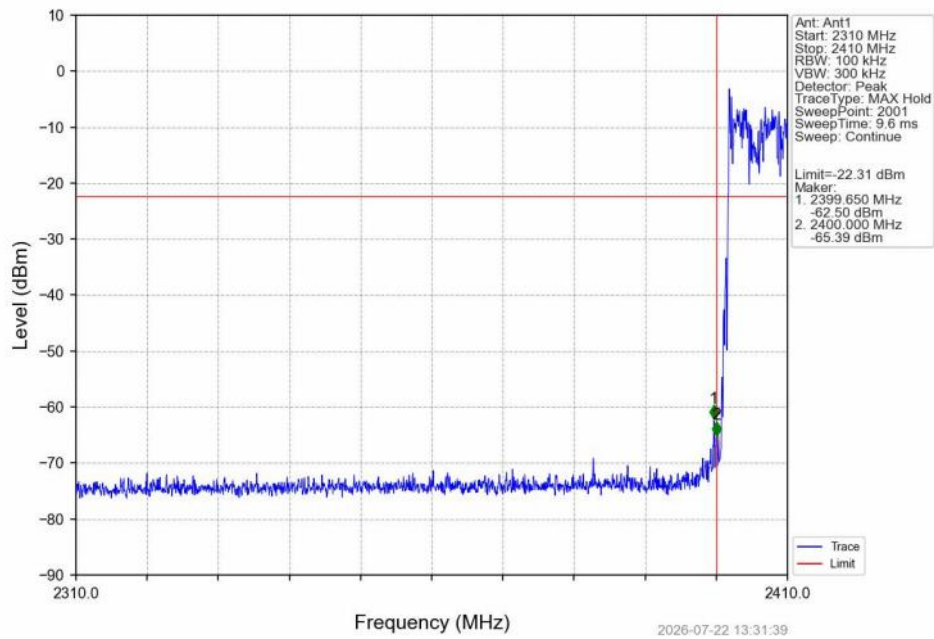
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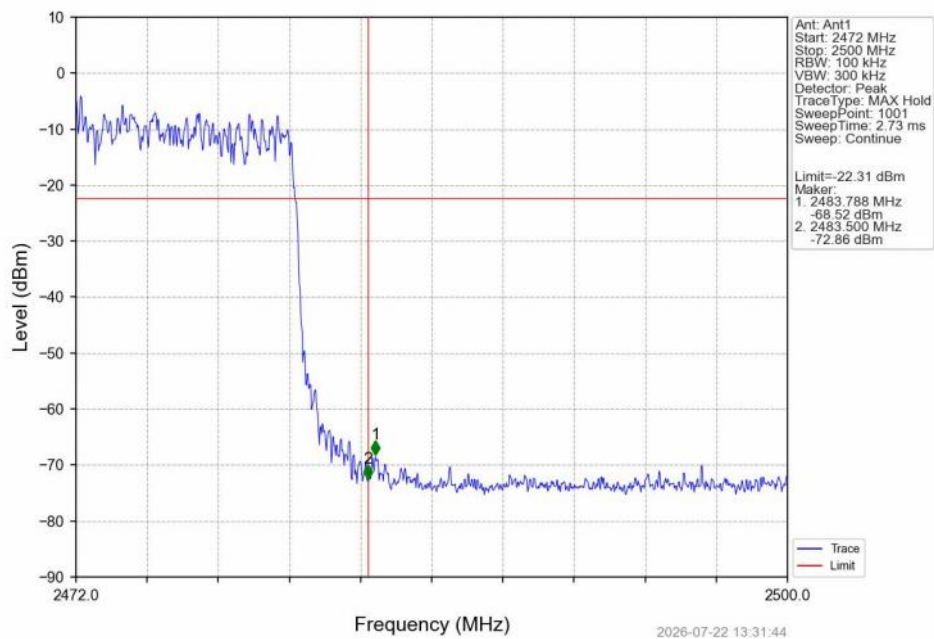
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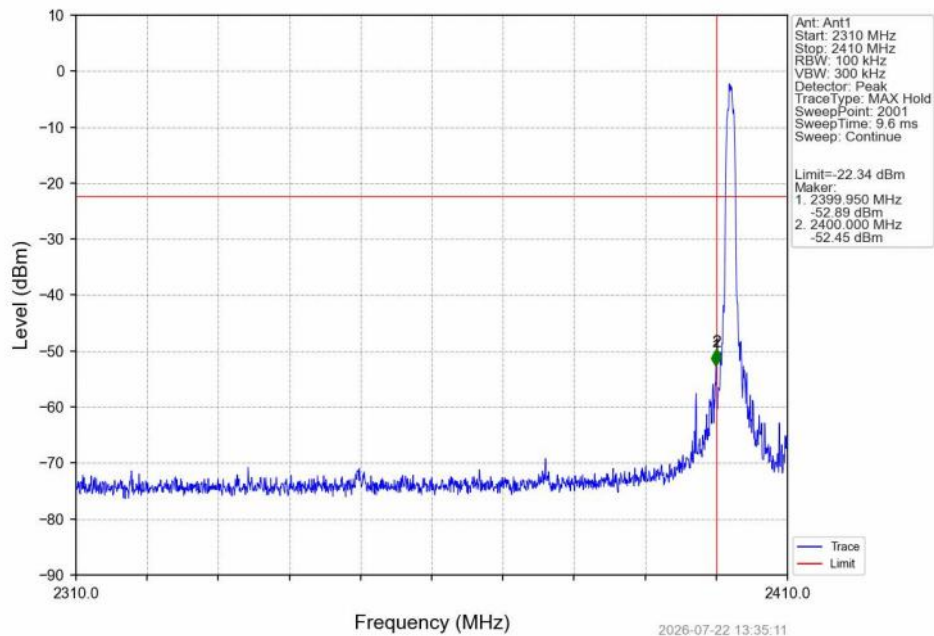
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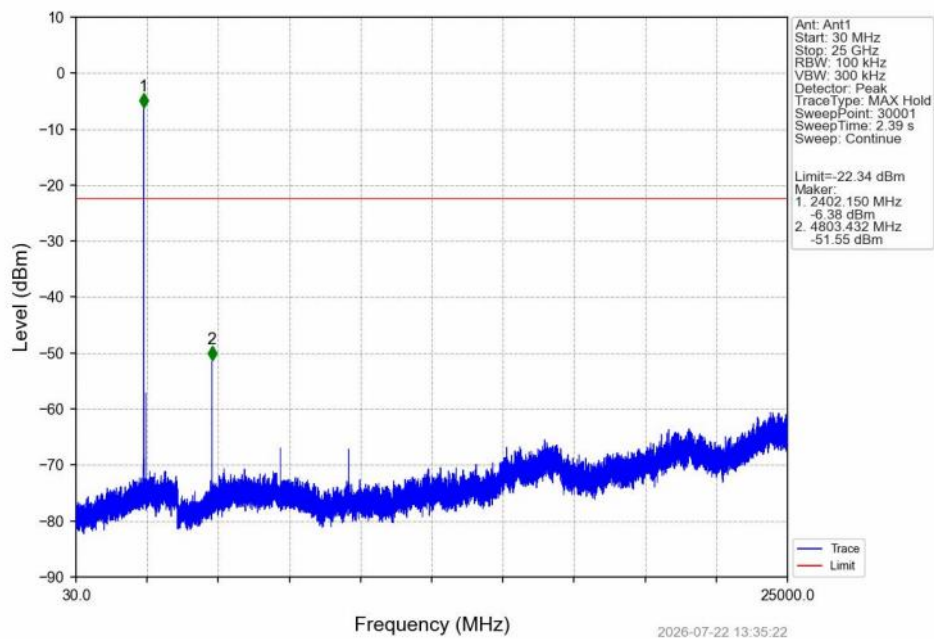
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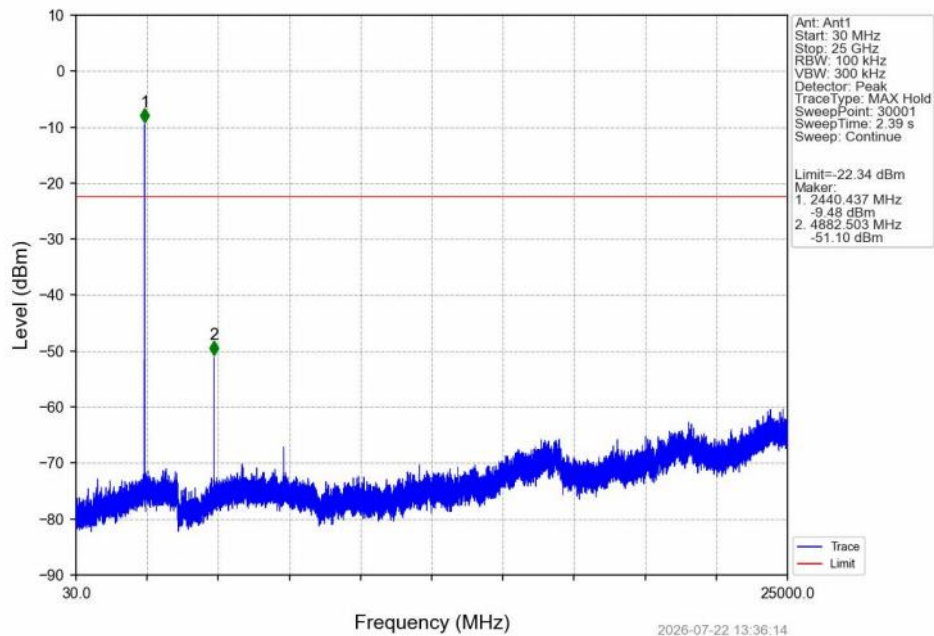
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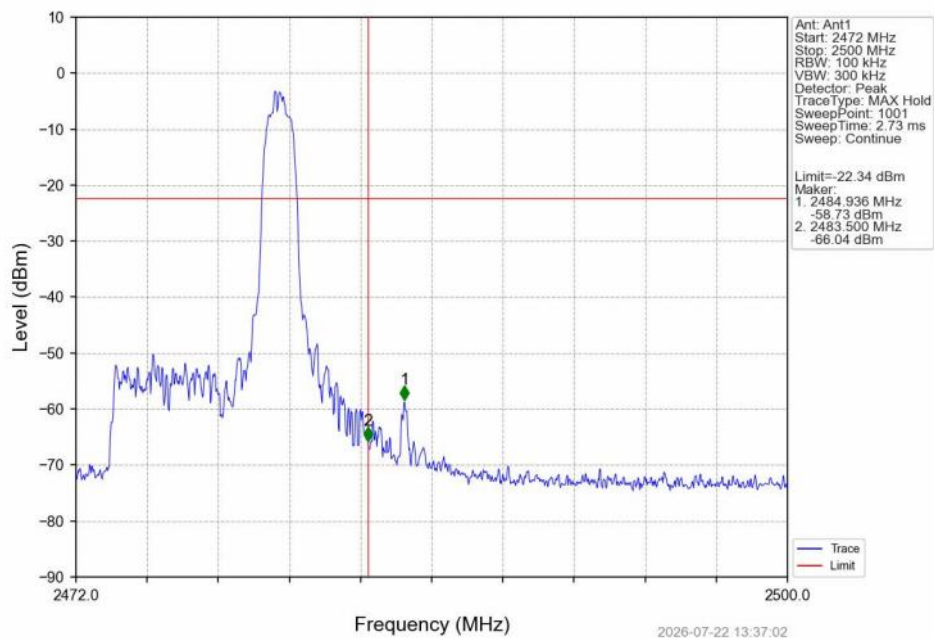
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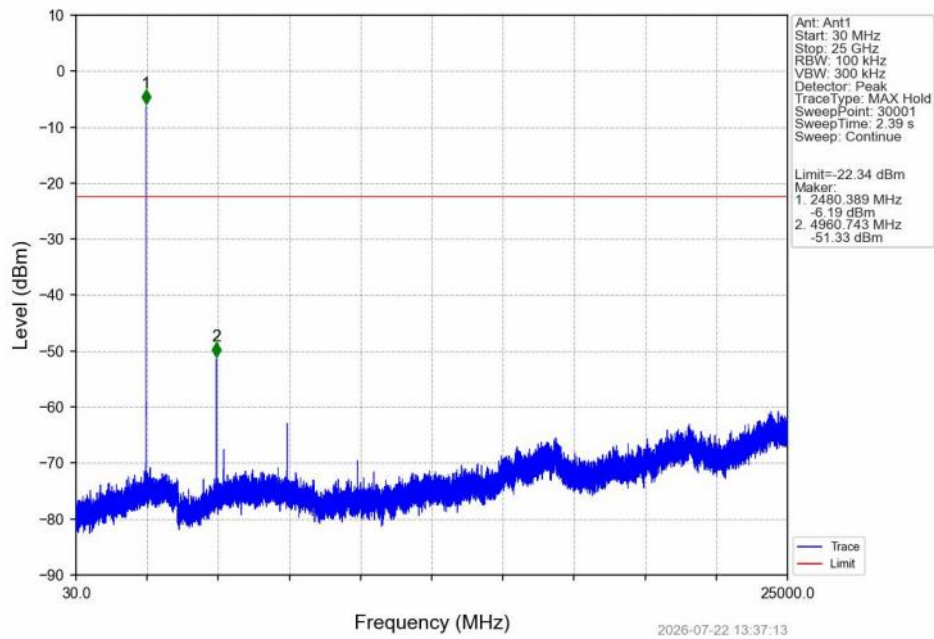
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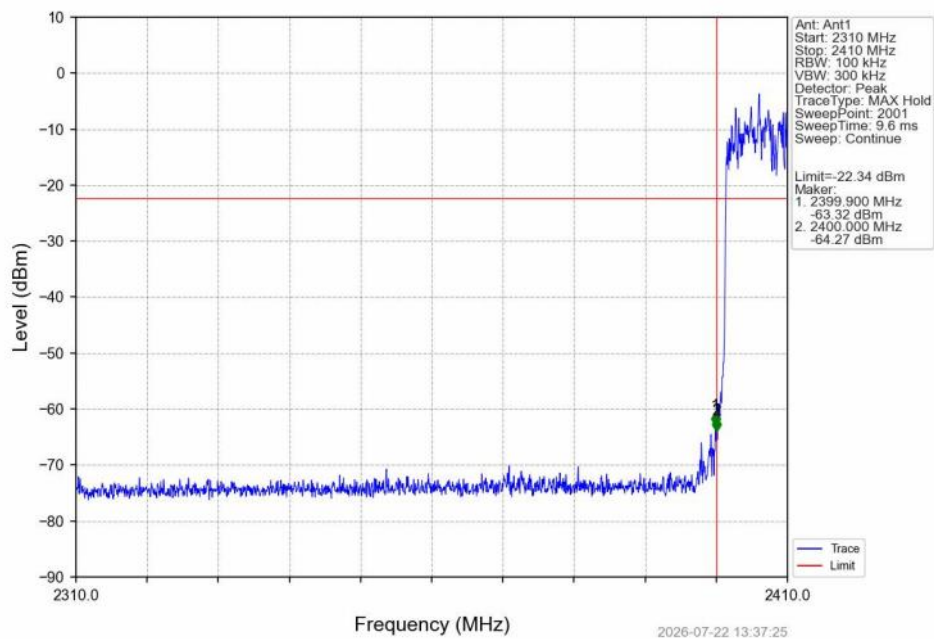
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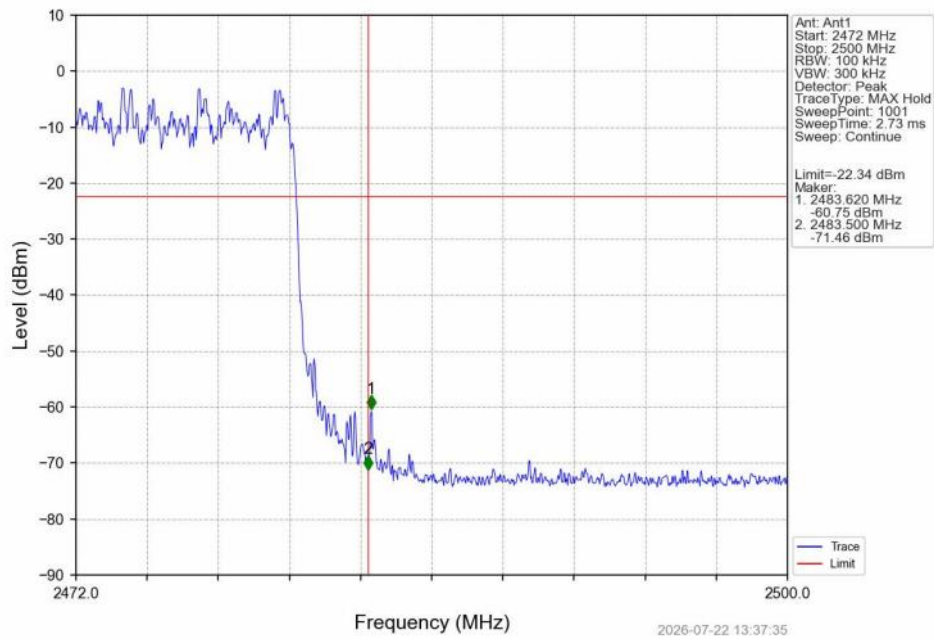
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8DPSK_3DH5_HOPP_ANT_NTNV



8DPSK_3DH5_HOPP_ANT_NTNV



-----End of the report-----