

6. Unwanted Emissions In Non-restricted Frequency Bands

6.1 Test Result

6.1.1 Ref

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	-1.37
		2441	DH5	1	-1.35
		2480	DH5	1	-1.81
Pi/4DQPSK	SISO	2402	2DH5	1	-1.54
		2441	2DH5	1	-1.45
		2480	2DH5	1	-1.84
8DPSK	SISO	2402	3DH5	1	-1.62
		2441	3DH5	1	-1.60
		2480	3DH5	1	-1.99

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.



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EMC-TRF-01 Rev 1.1

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6.1.2 Conducted Band Edges Measurement and Conducted Spurious Emissions

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	-1.35	-21.35	Pass
		2441	DH5	1	-1.35	-21.35	Pass
		2480	DH5	1	-1.35	-21.35	Pass
		HOPP	DH5	1	-1.35	-21.35	Pass
					-1.35	-21.35	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	-1.45	-21.45	Pass
		2441	2DH5	1	-1.45	-21.45	Pass
		2480	2DH5	1	-1.45	-21.45	Pass
		HOPP	2DH5	1	-1.45	-21.45	Pass
					-1.45	-21.45	Pass
8DPSK	SISO	2402	3DH5	1	-1.60	-21.60	Pass
		2441	3DH5	1	-1.60	-21.60	Pass
		2480	3DH5	1	-1.60	-21.60	Pass
		HOPP	3DH5	1	-1.60	-21.60	Pass
					-1.60	-21.60	Pass

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.



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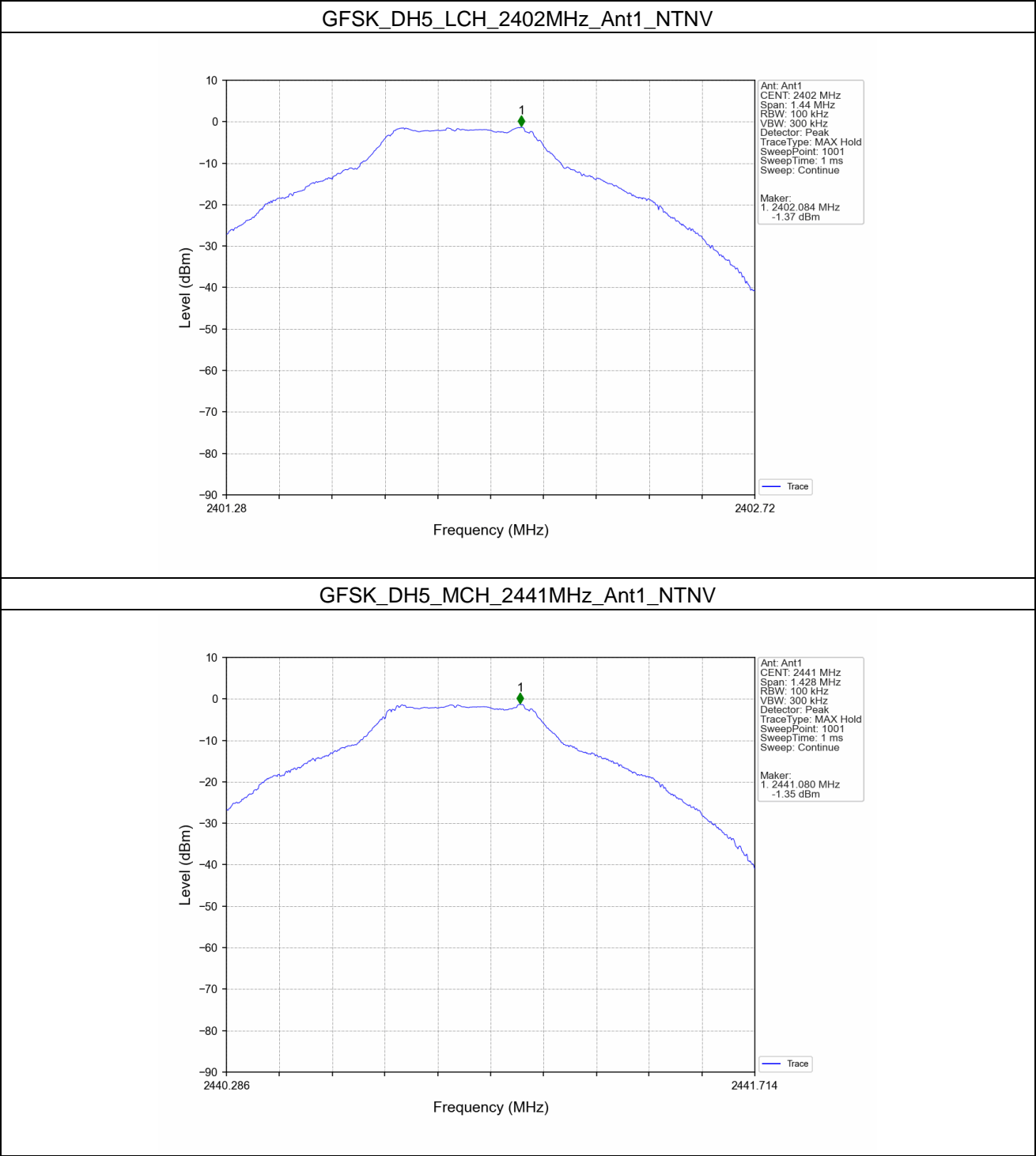
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6.2 Test Graph

6.2.1 Ref



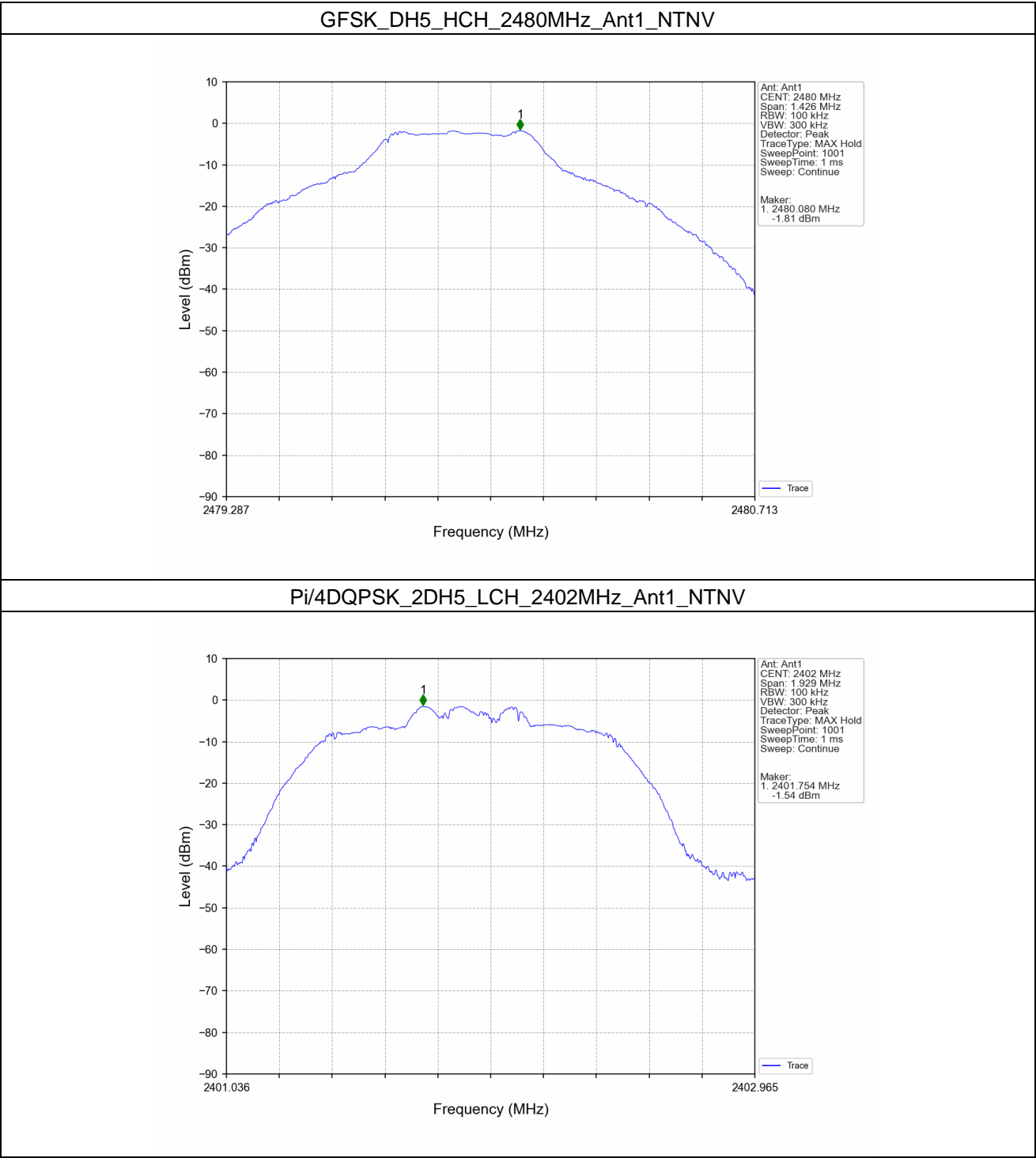
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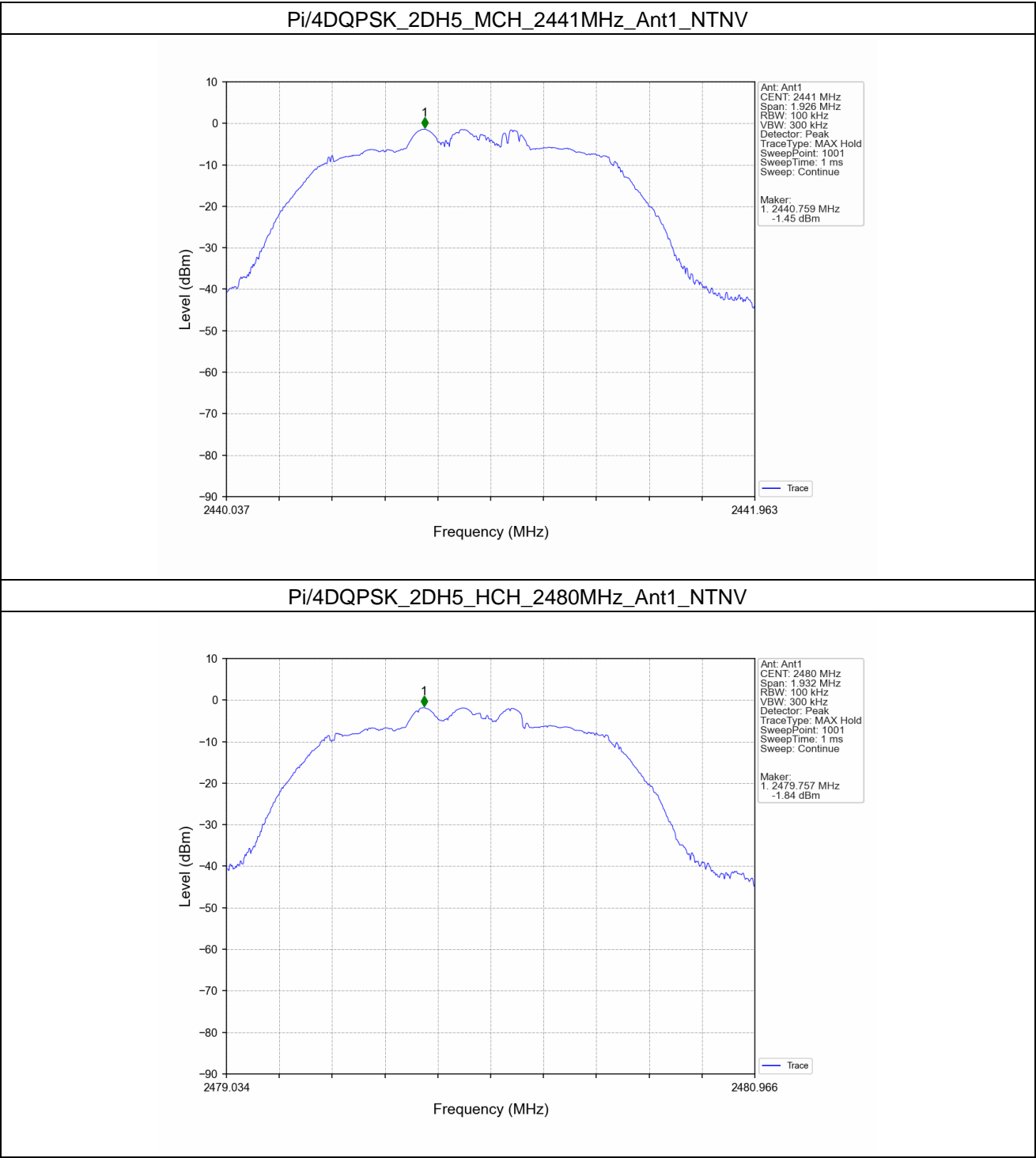
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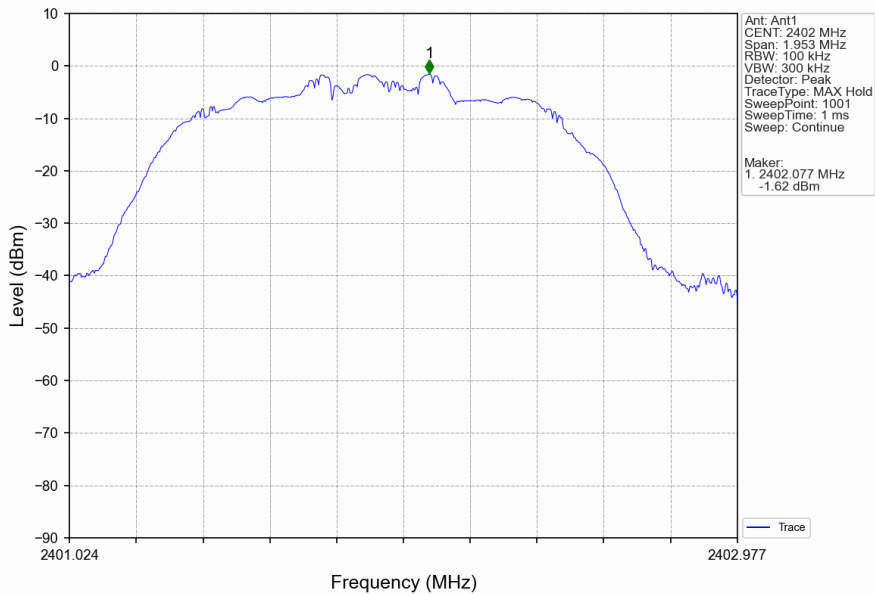


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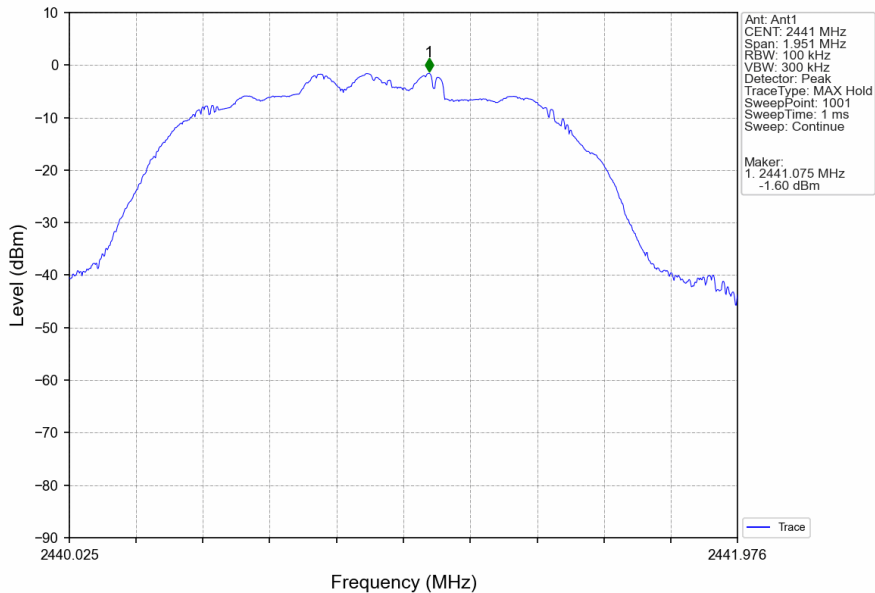
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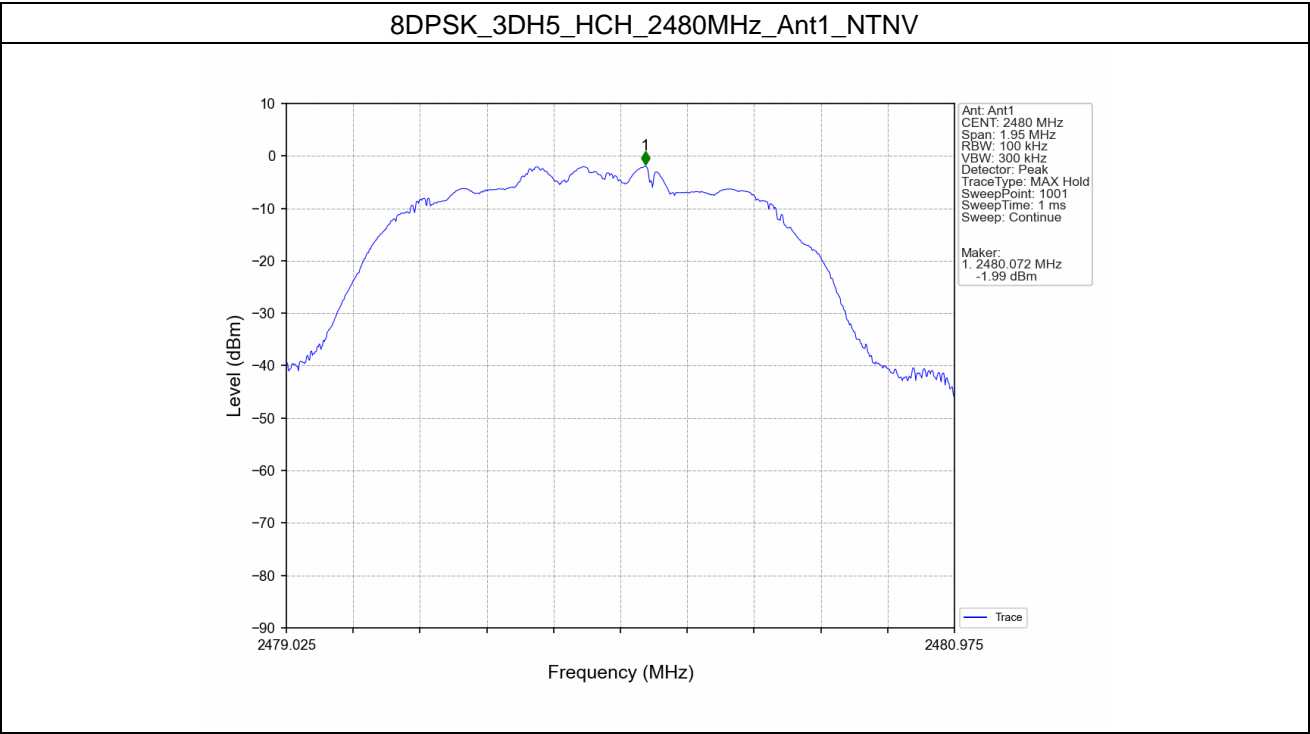
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV





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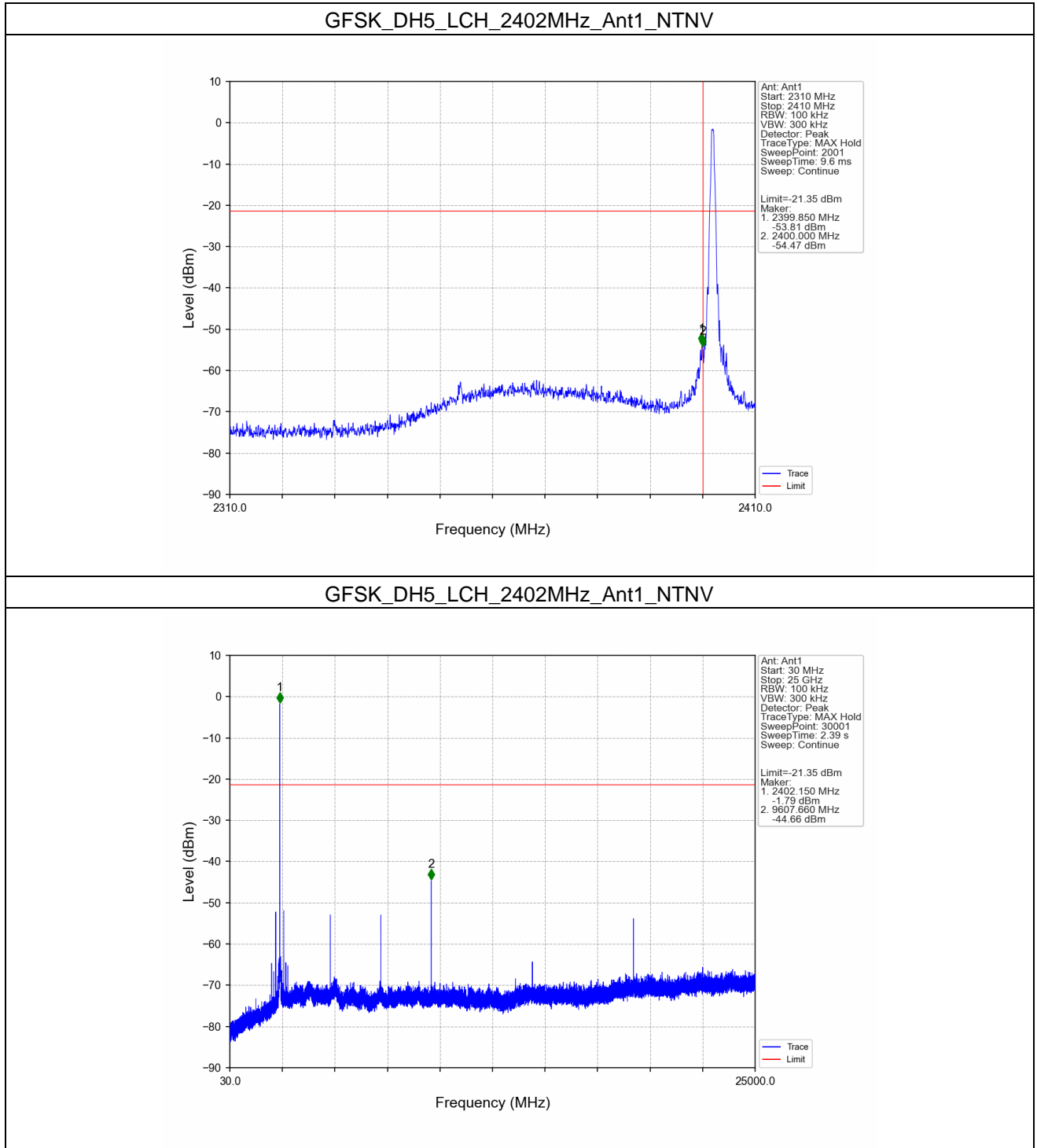
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6.2.2 Conducted Band Edges Measurement and Conducted Spurious Emissions



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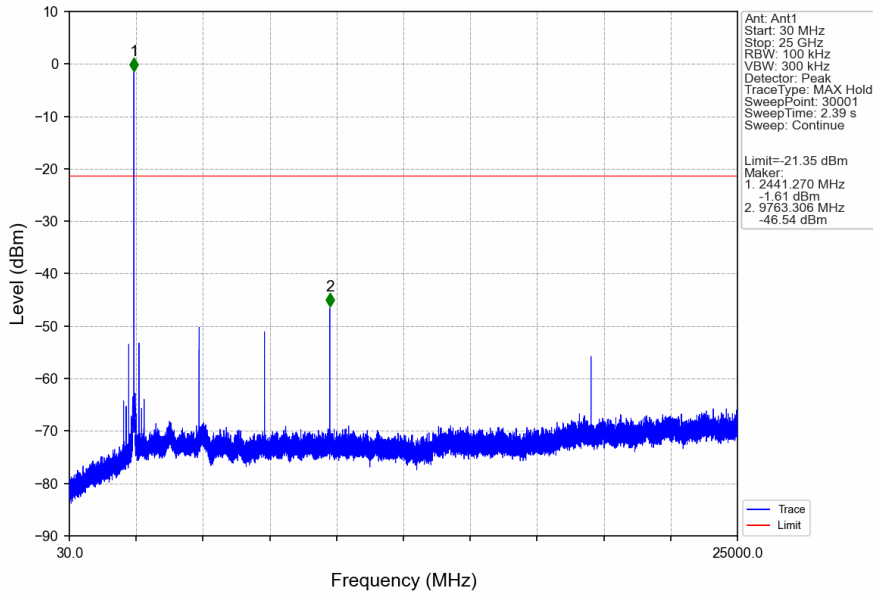
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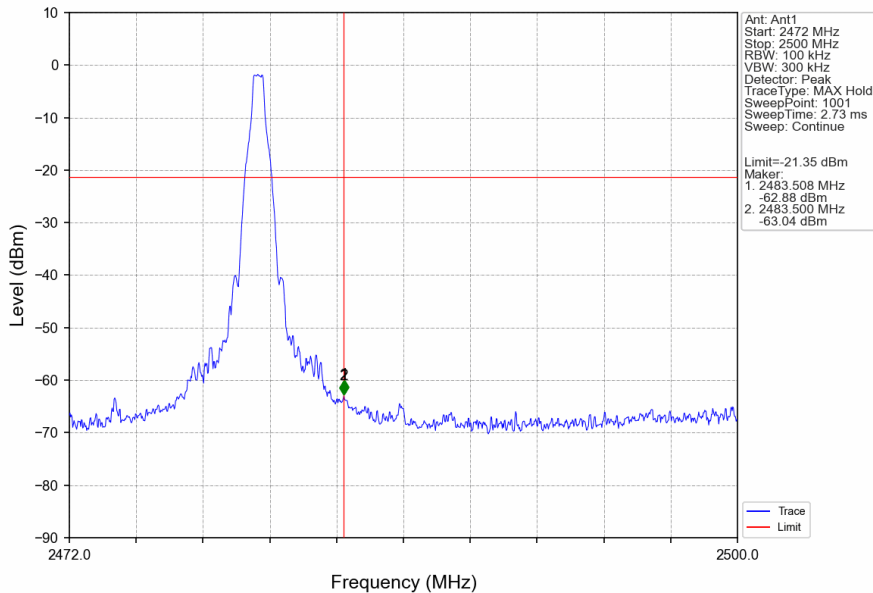
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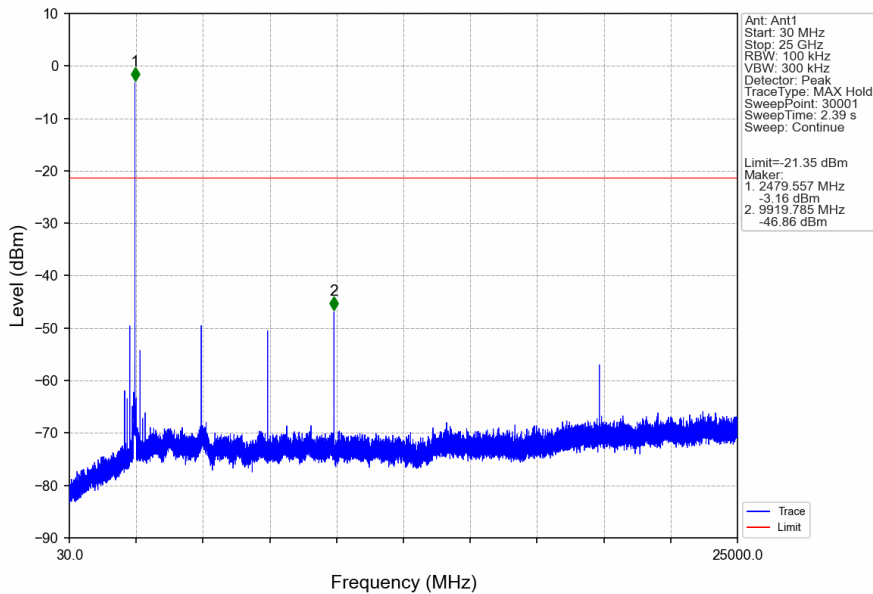
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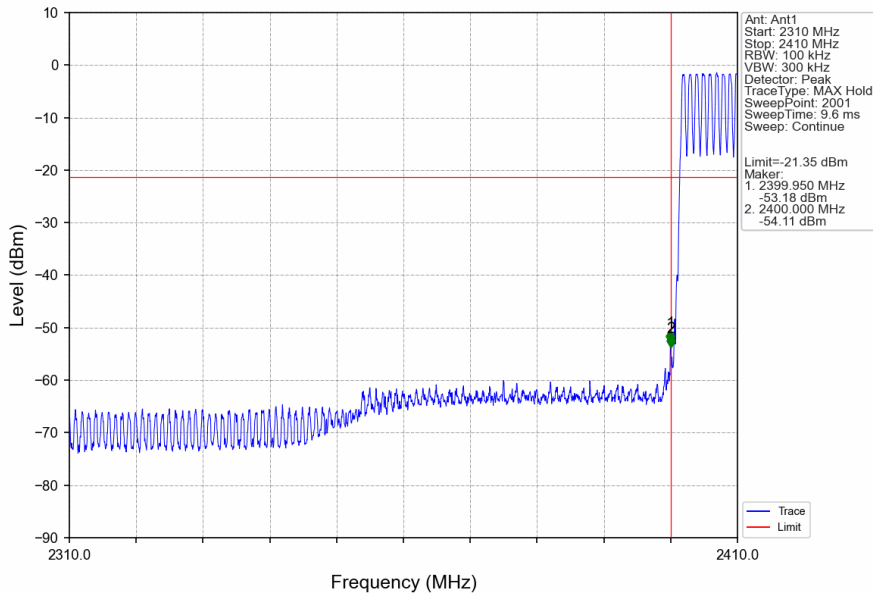
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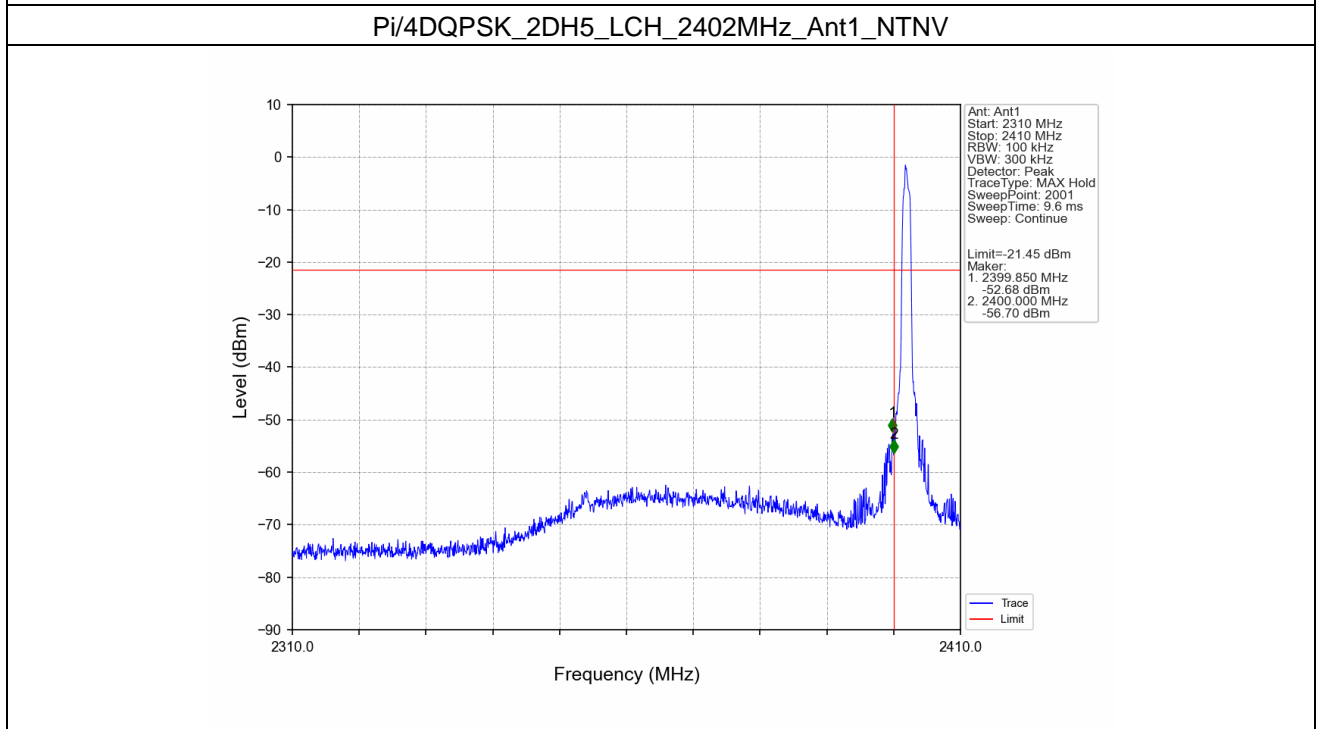
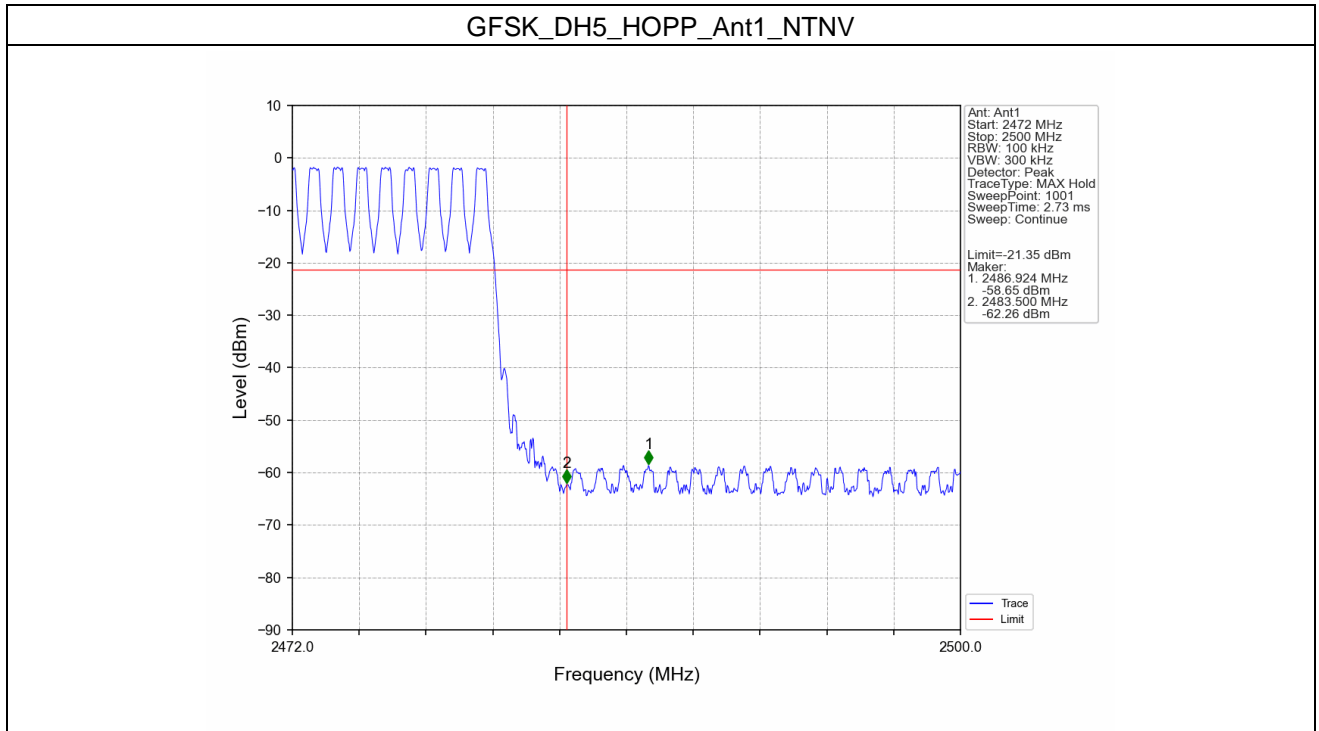


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GFSK_DH5_HOPP_2410MHz_Ant1_NTNV





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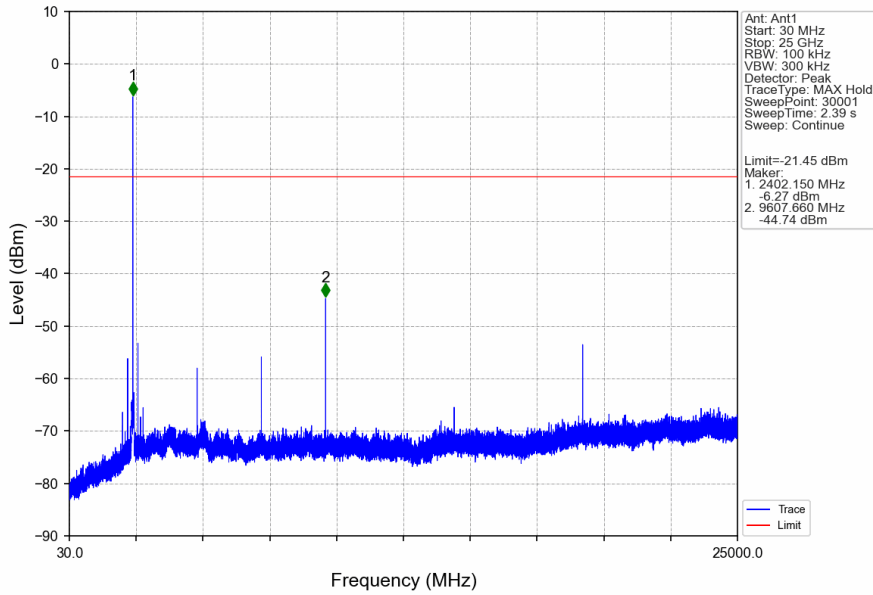
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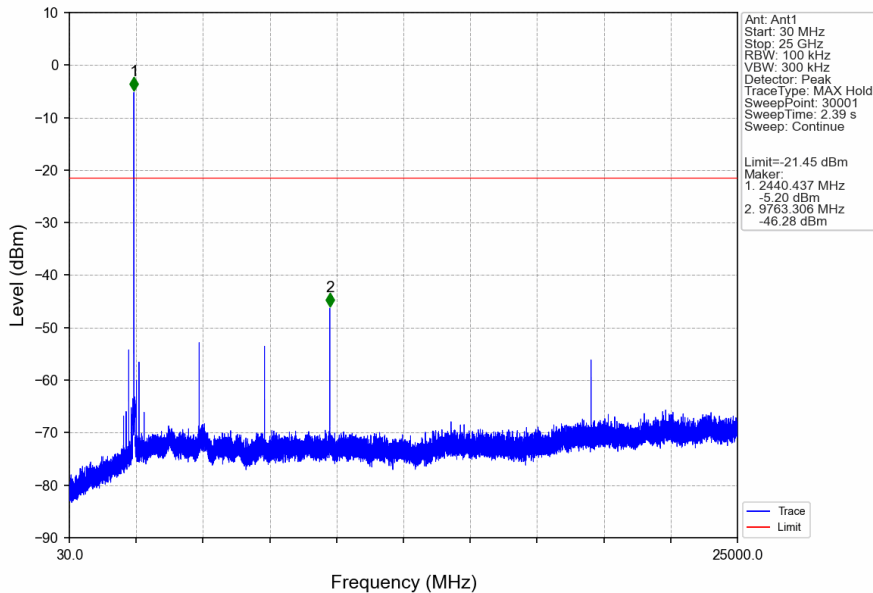
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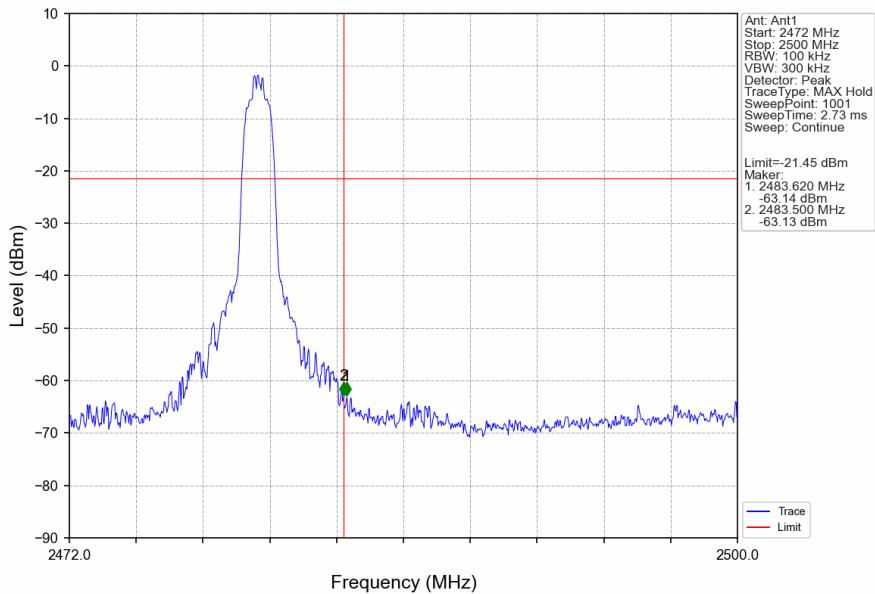
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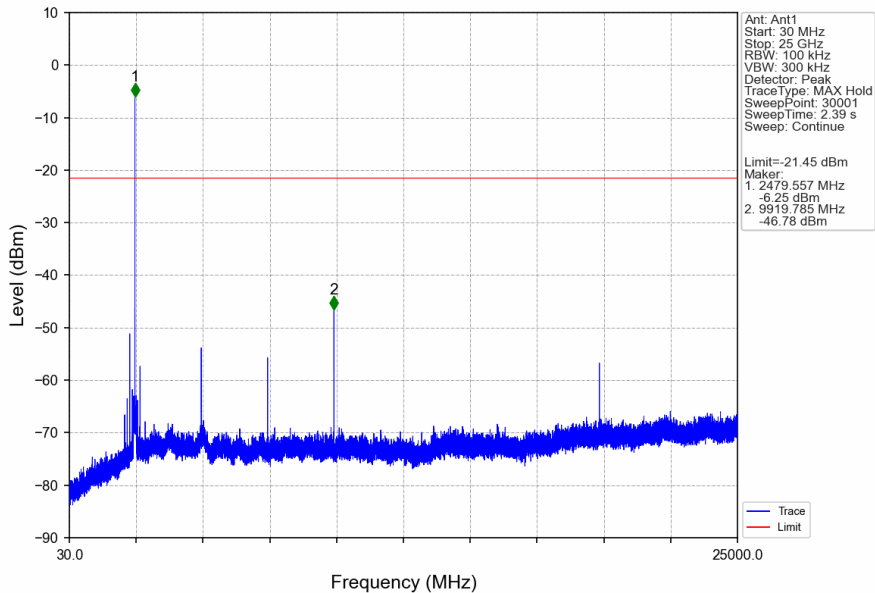
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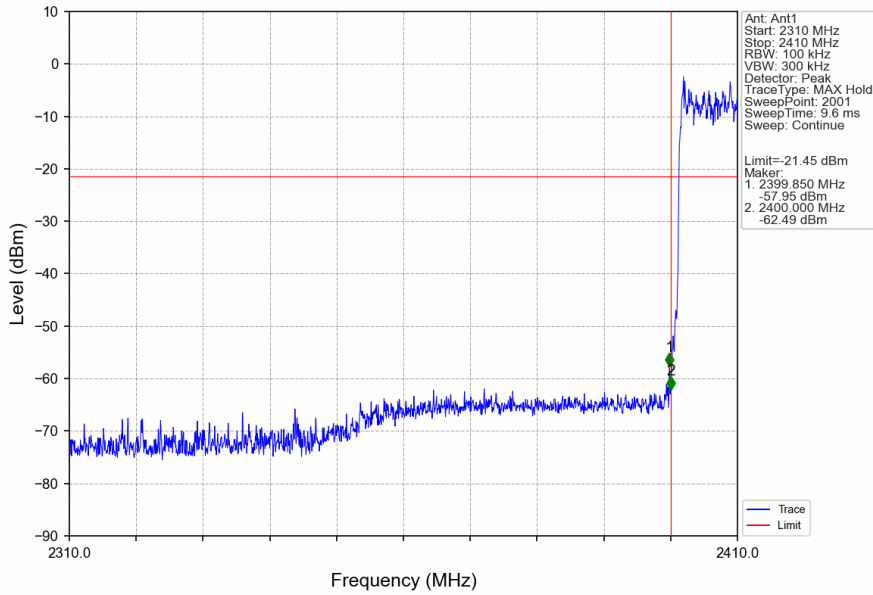
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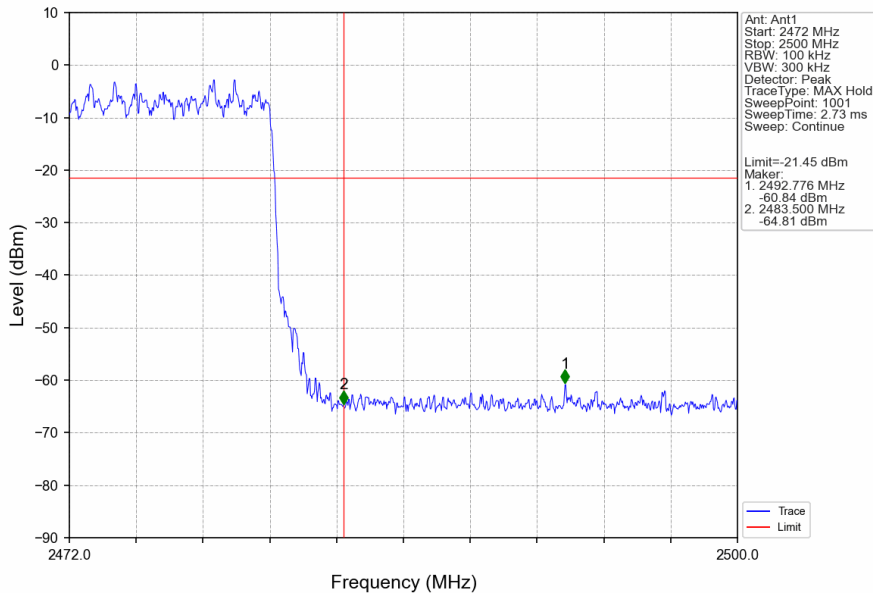
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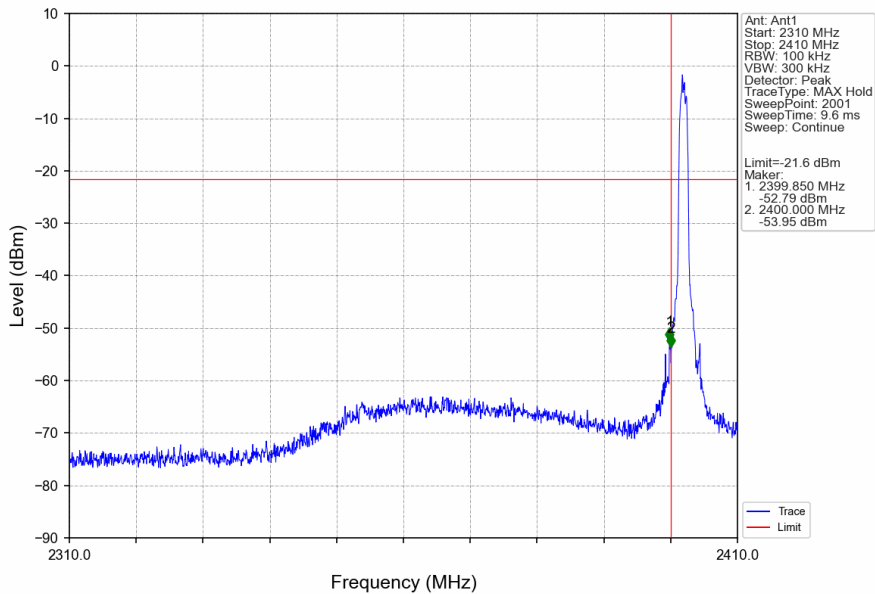
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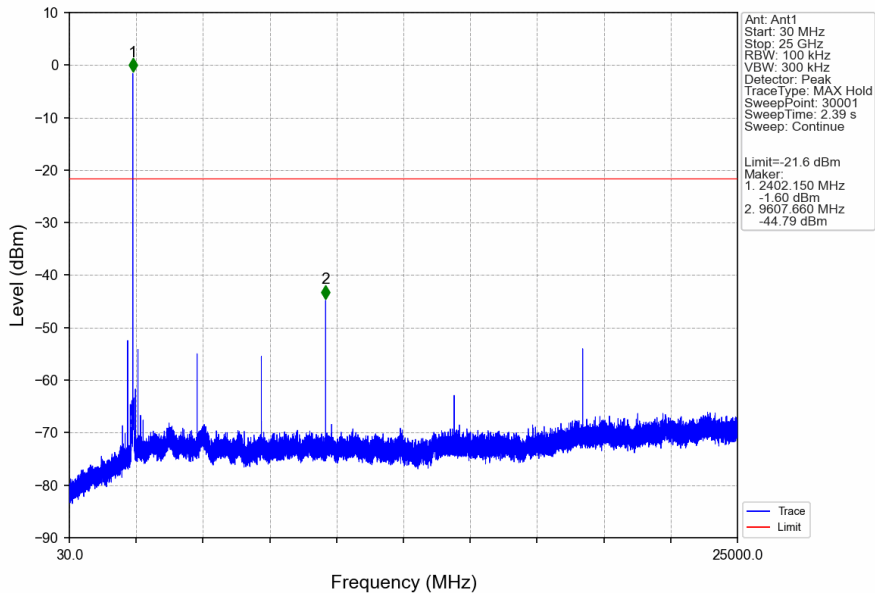
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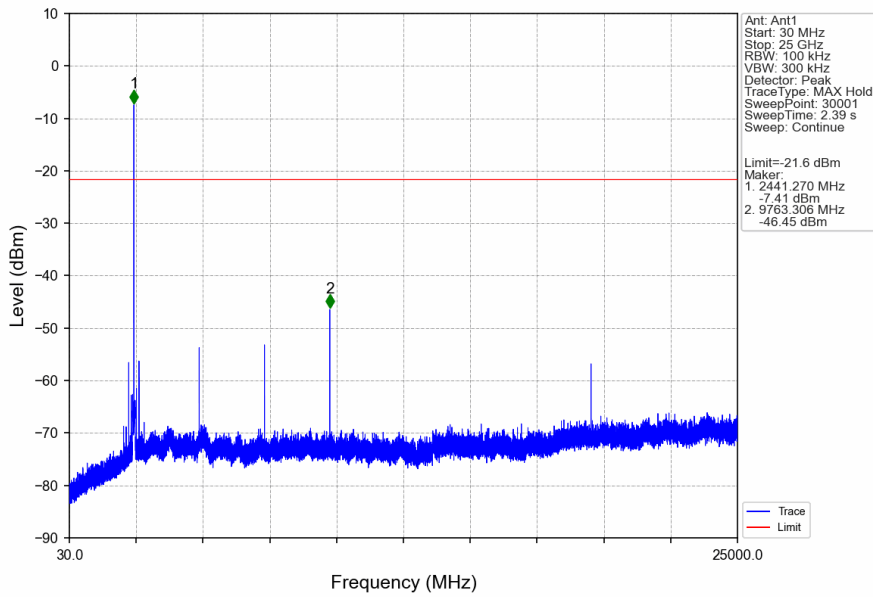
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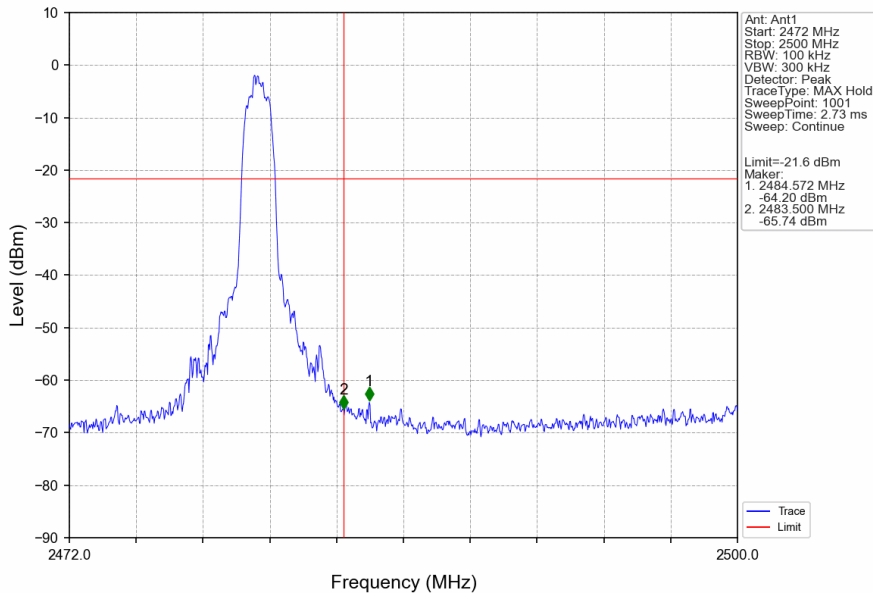
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8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



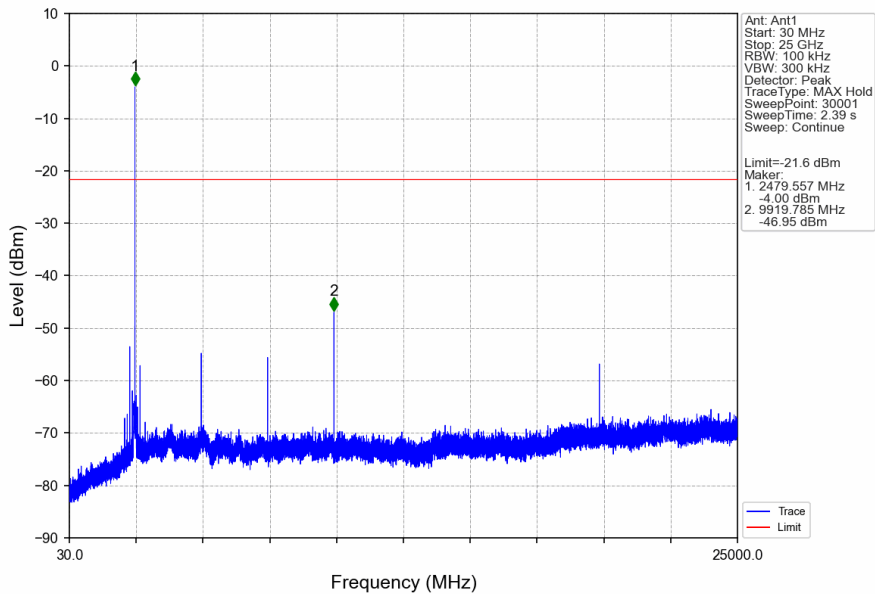
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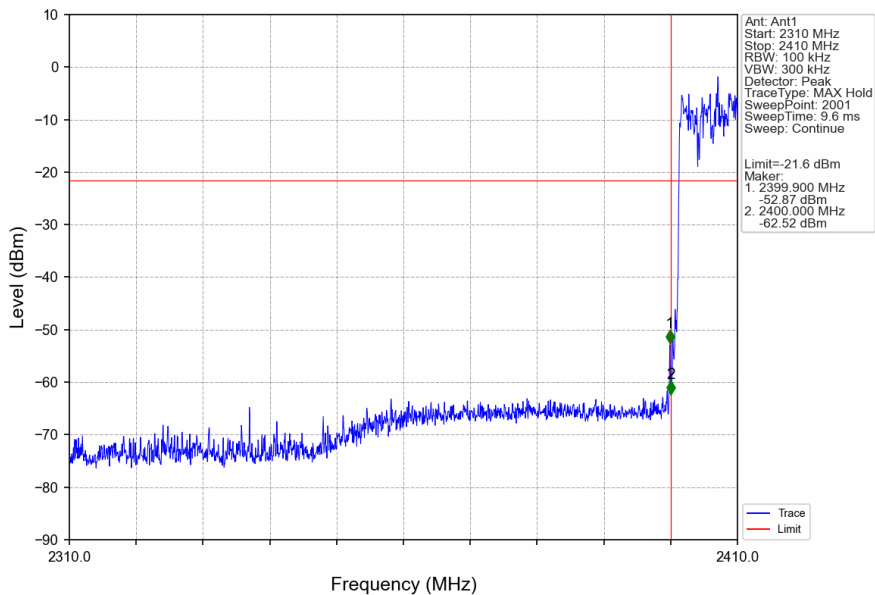
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8DPSK_3DH5_HOPP_Ant1_NTNV



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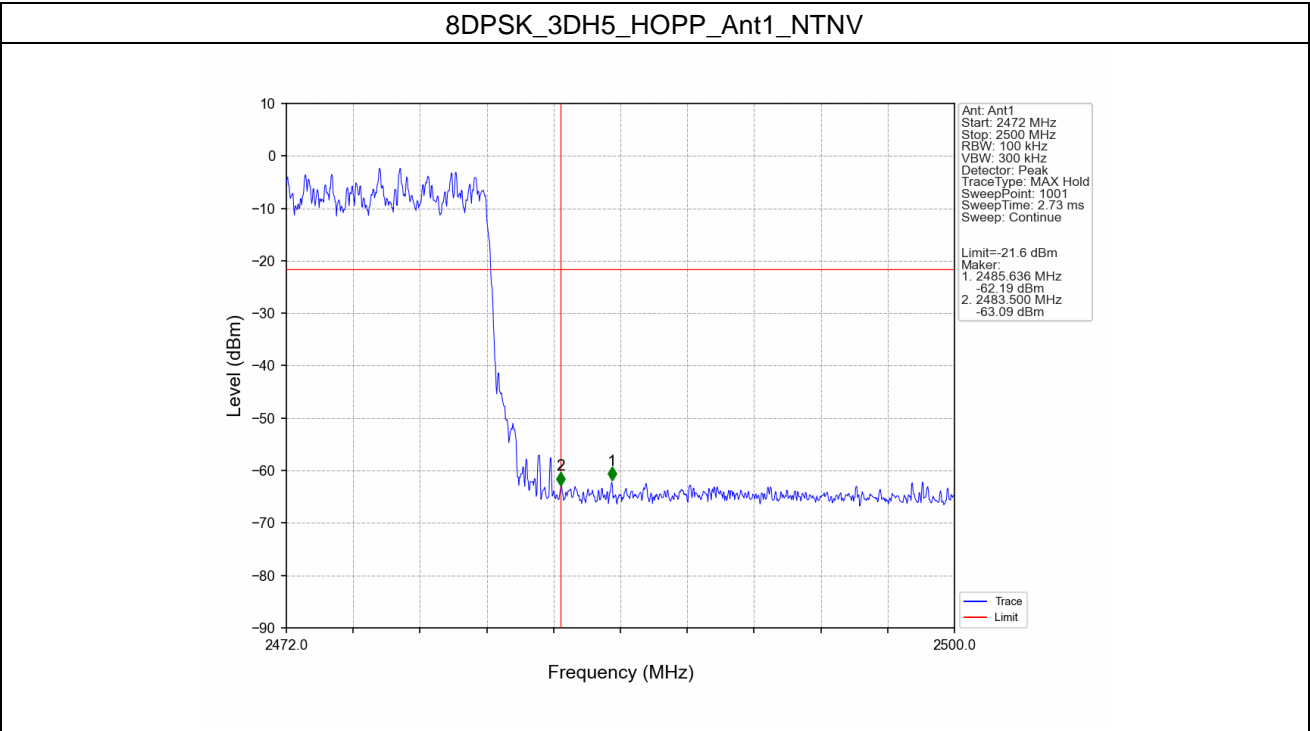
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