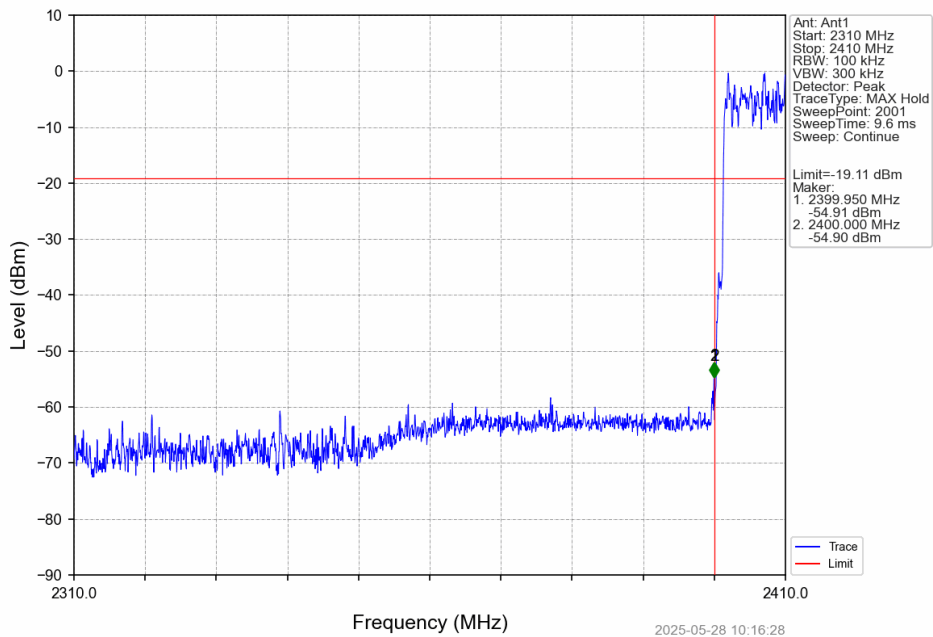
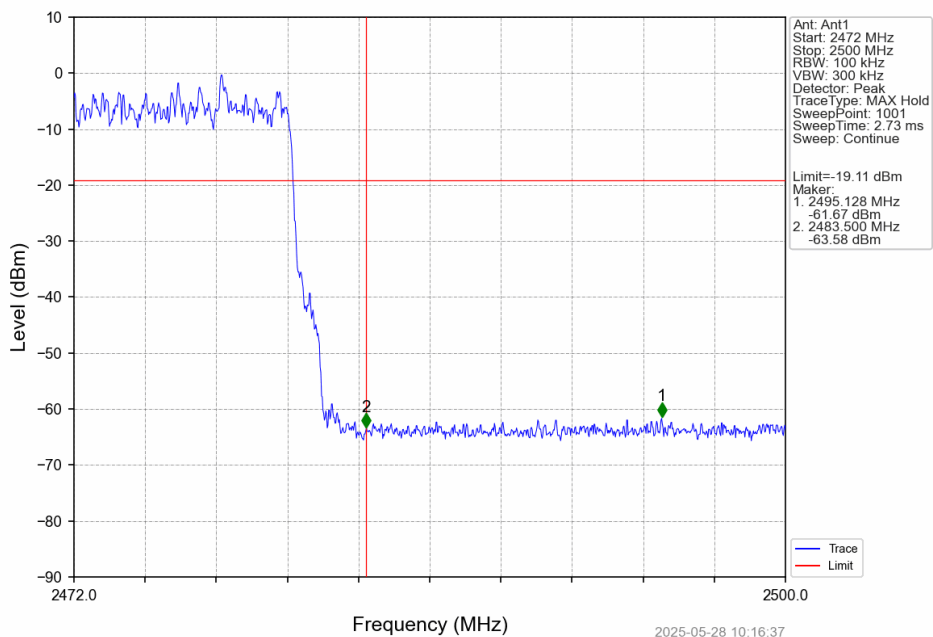




Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



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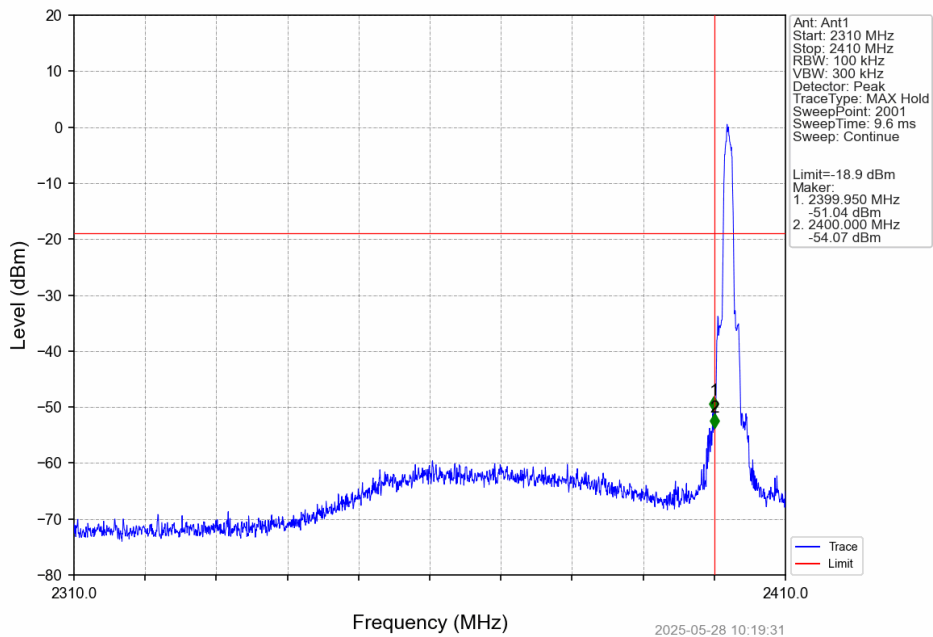
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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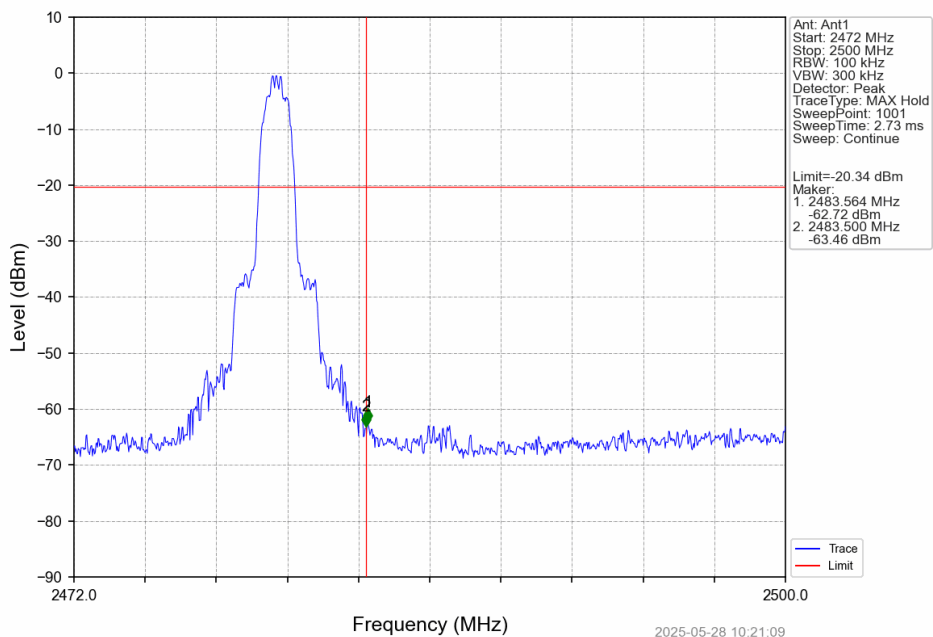
Scan code to check authenticity



8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



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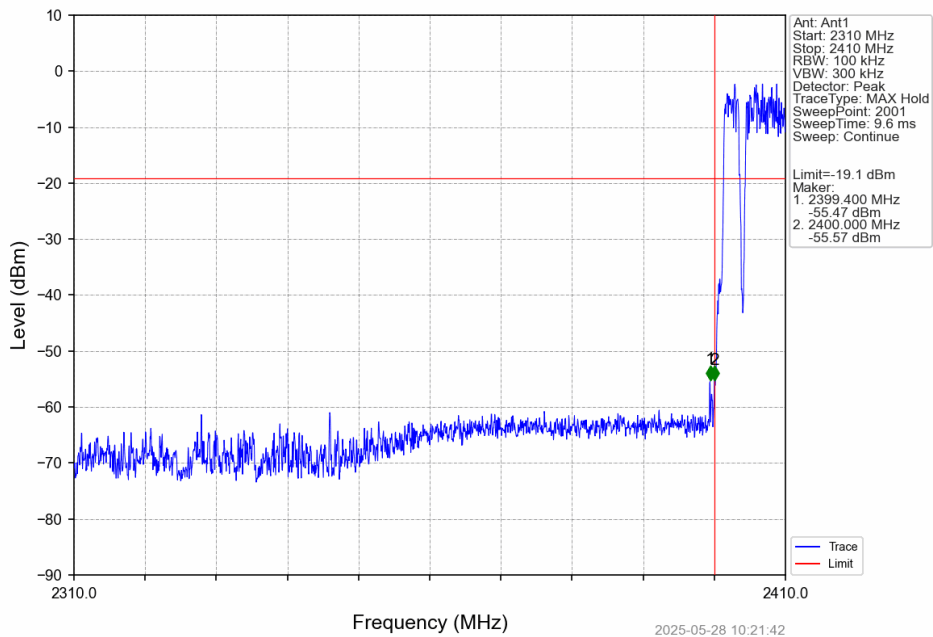
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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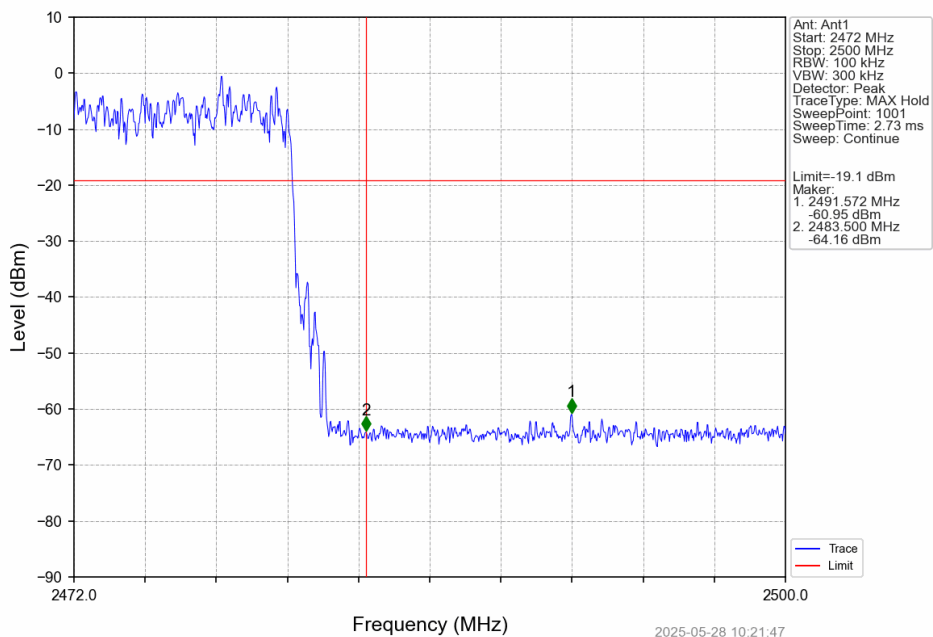
Scan code to check authenticity



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV





A.7 Conducted RF Spurious Emission

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	1.15
		2441	DH5	1	0.61
		2480	DH5	1	-0.40
		HOPP	DH5	1	1.03
					1.03
Pi/4DQPSK	SISO	2402	2DH5	1	1.06
		2441	2DH5	1	0.65
		2480	2DH5	1	-0.41
		HOPP	2DH5	1	0.89
					0.89
8DPSK	SISO	2402	3DH5	1	1.10
		2441	3DH5	1	0.60
		2480	3DH5	1	-0.34
		HOPP	3DH5	1	0.90
					0.90

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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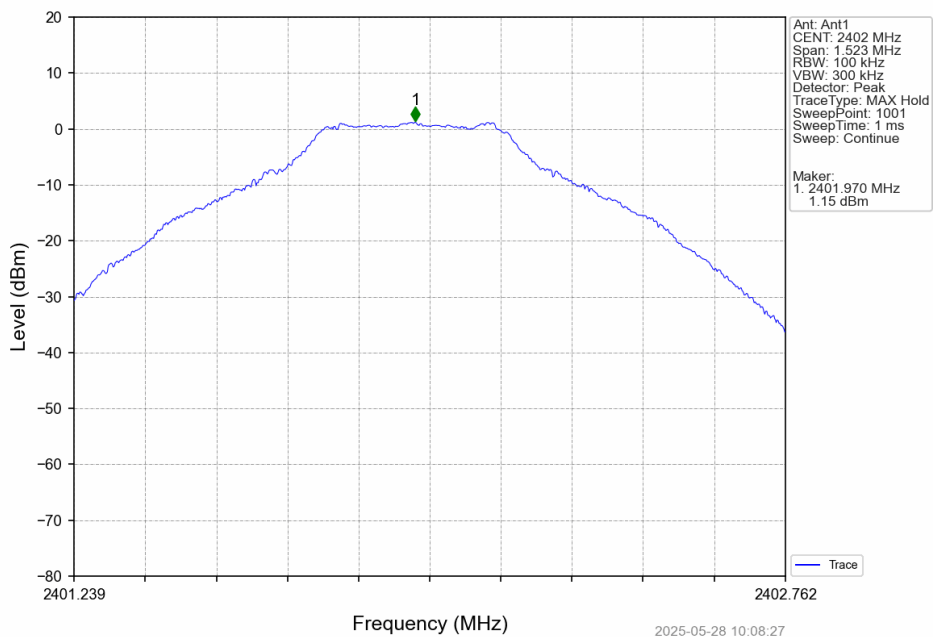
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

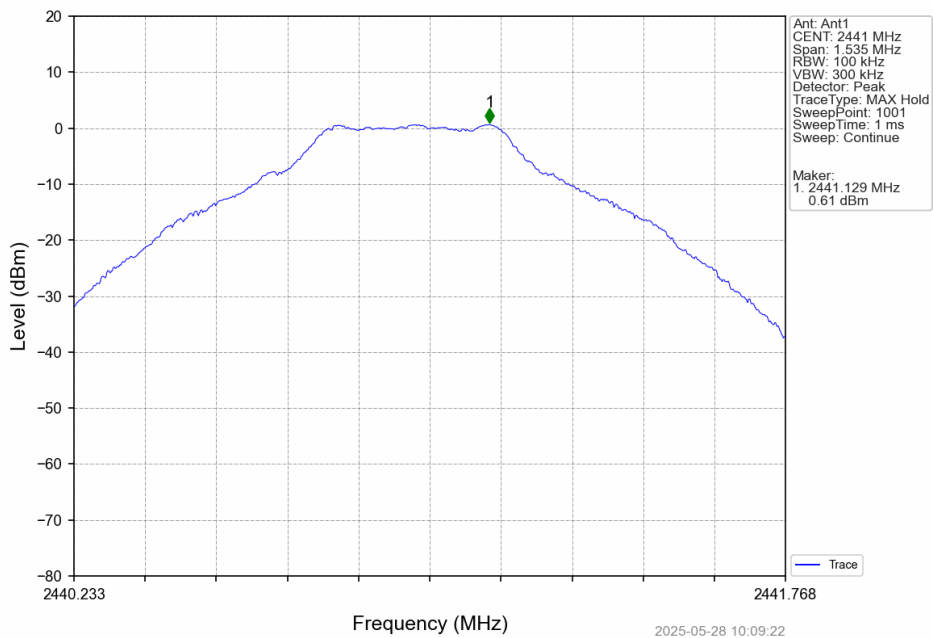
Scan code to check authenticity



GFSK_DH5_LCH_2402MHz_Ant1_NTNV

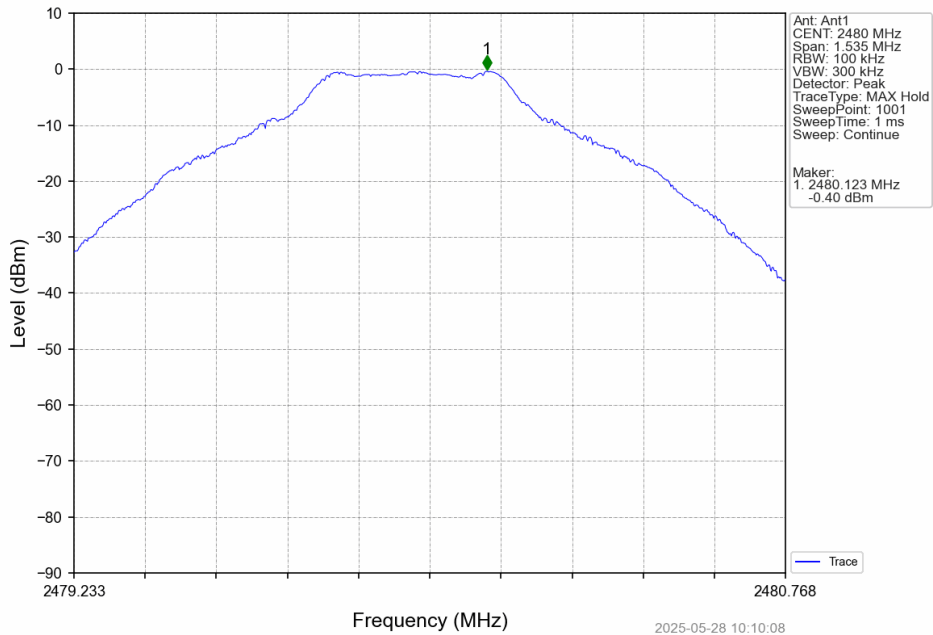


GFSK_DH5_MCH_2441MHz_Ant1_NTNV

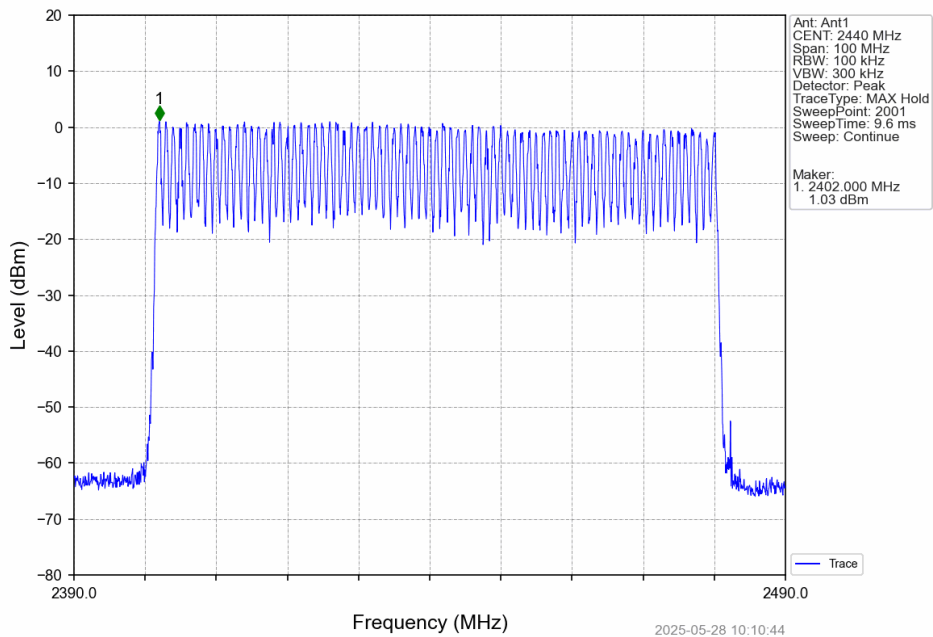




GFSK_DH5_HCH_2480MHz_Ant1_NTNV



GFSK_DH5_HOPP_Ant1_NTNV



Shenzhen LCS Compliance Testing Laboratory Ltd.

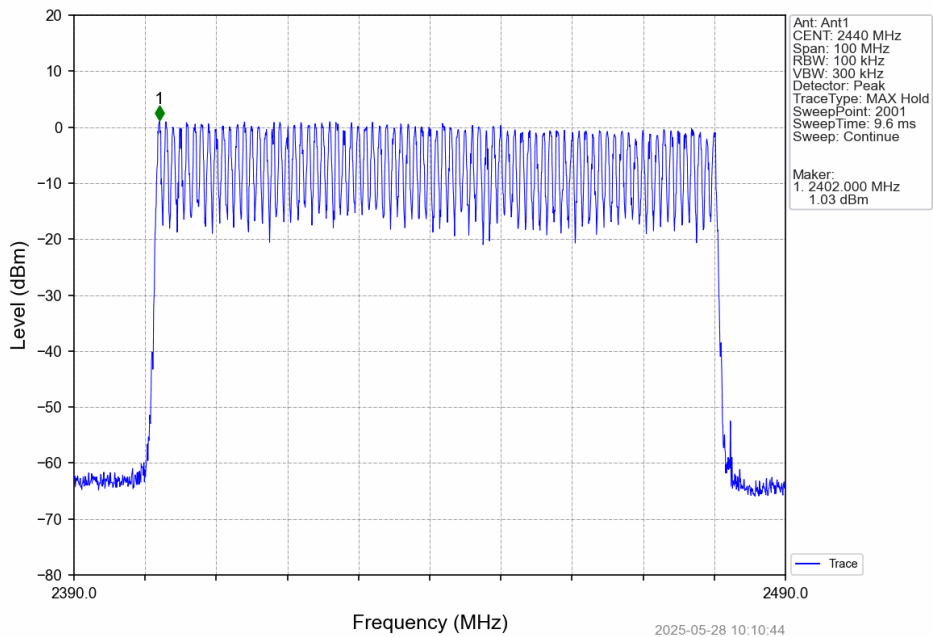
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

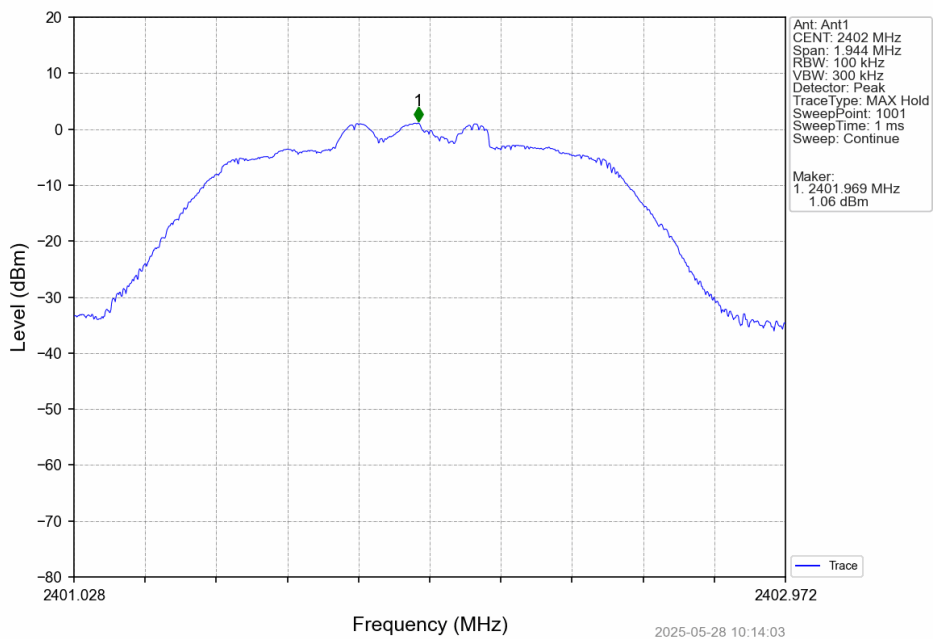
Scan code to check authenticity



GFSK_DH5_HOPP_Ant1_NTNV

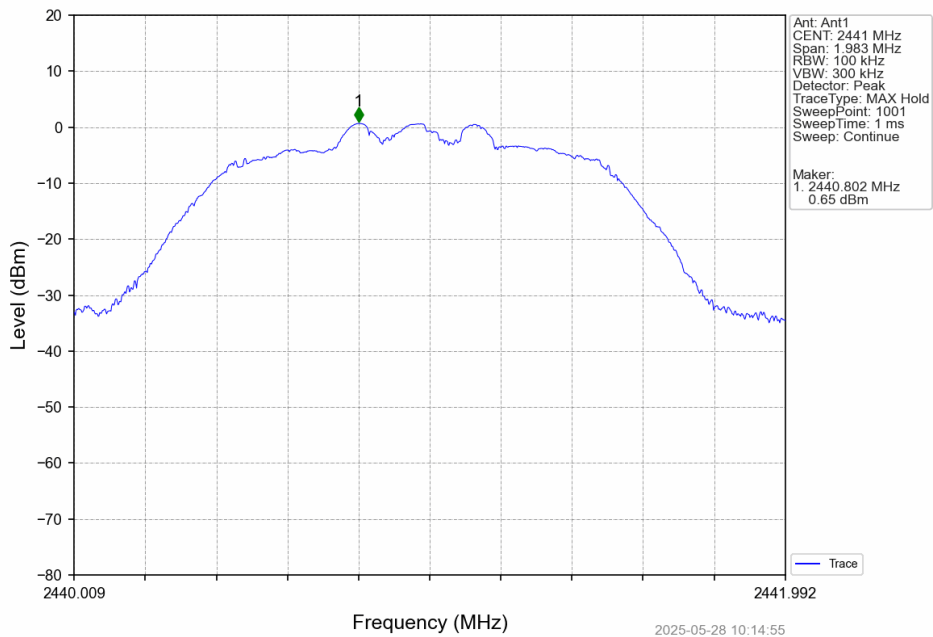


Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV

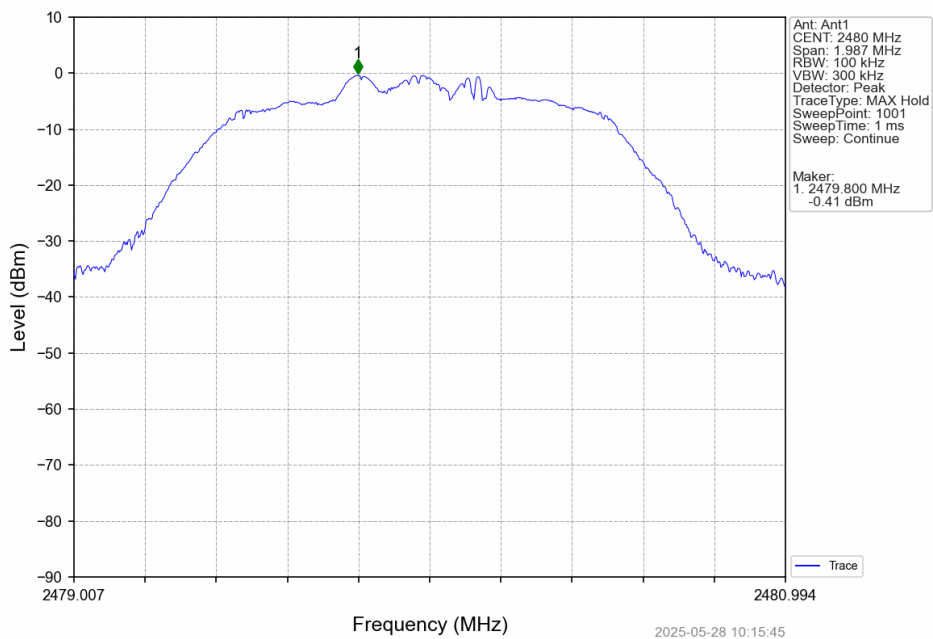




Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV

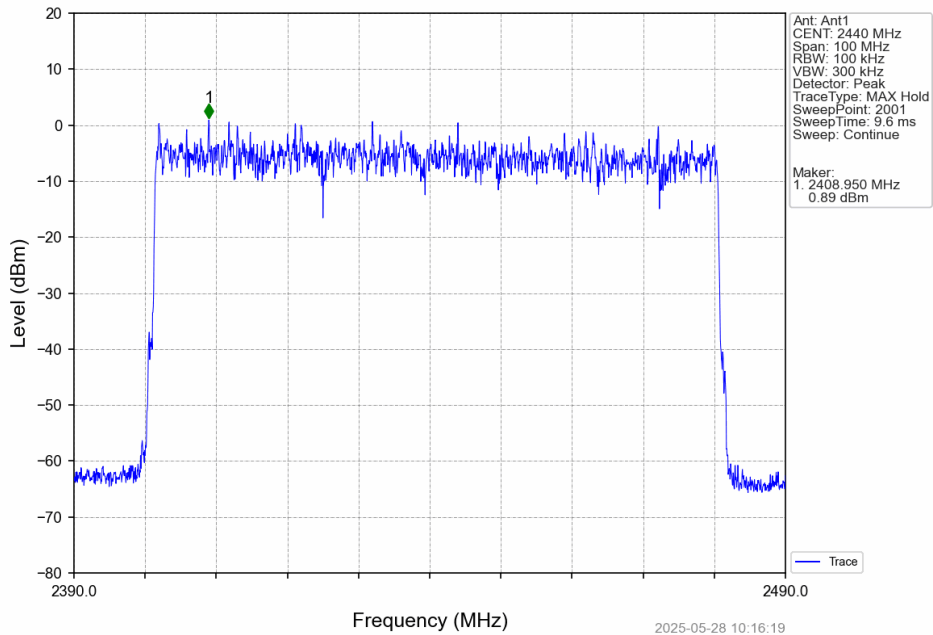


Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

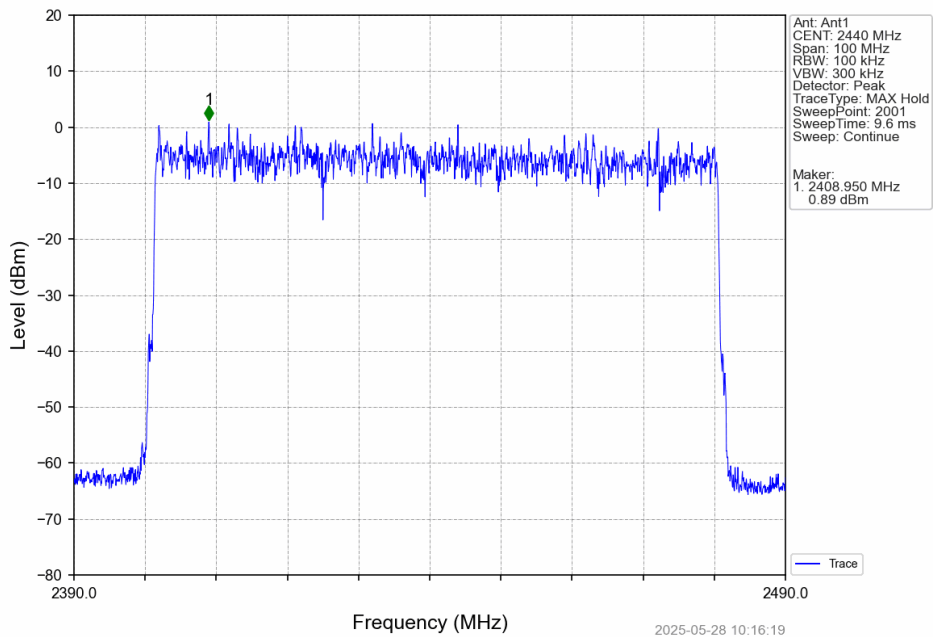




Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV

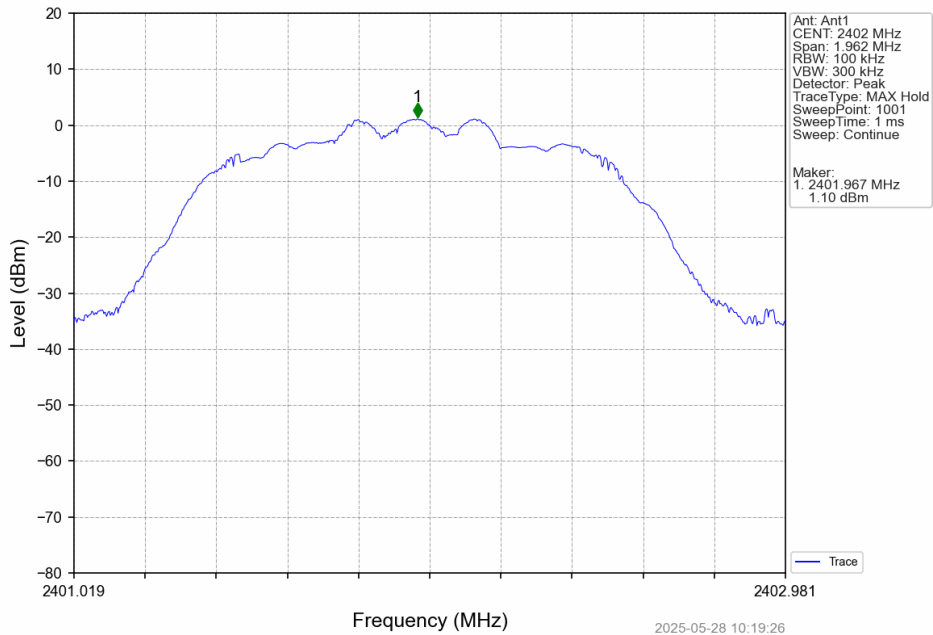


Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV

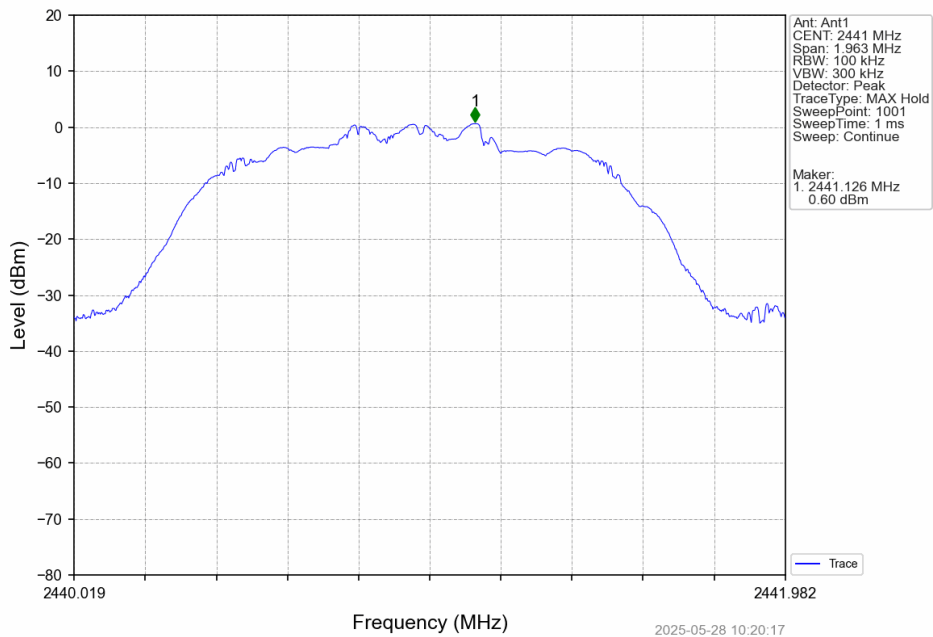




8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV

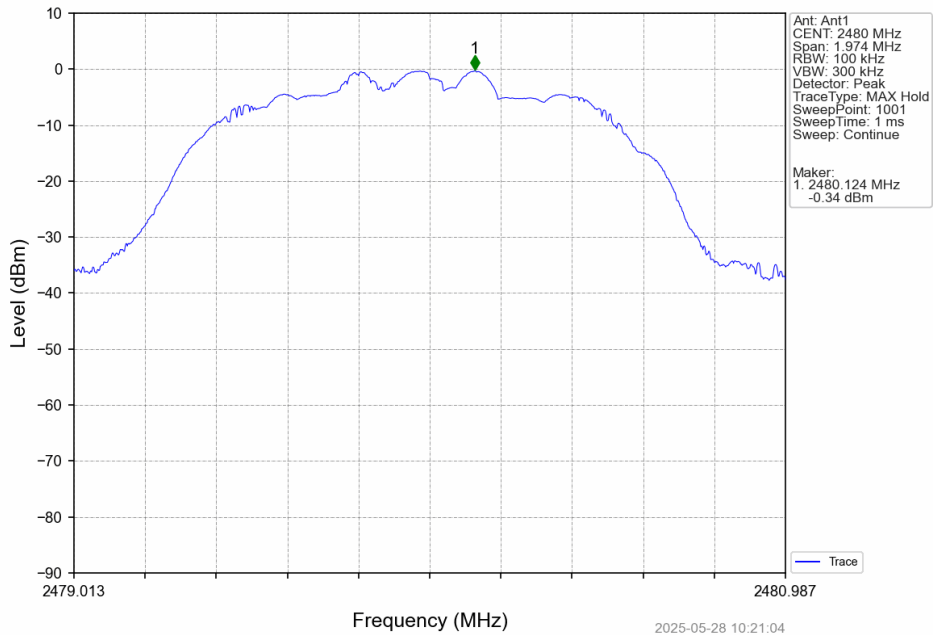


8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

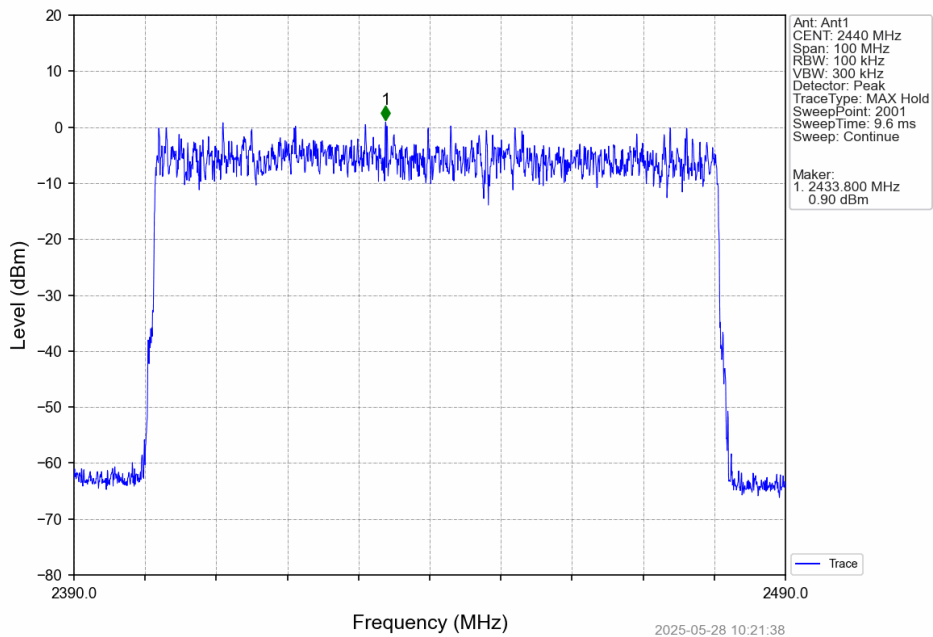




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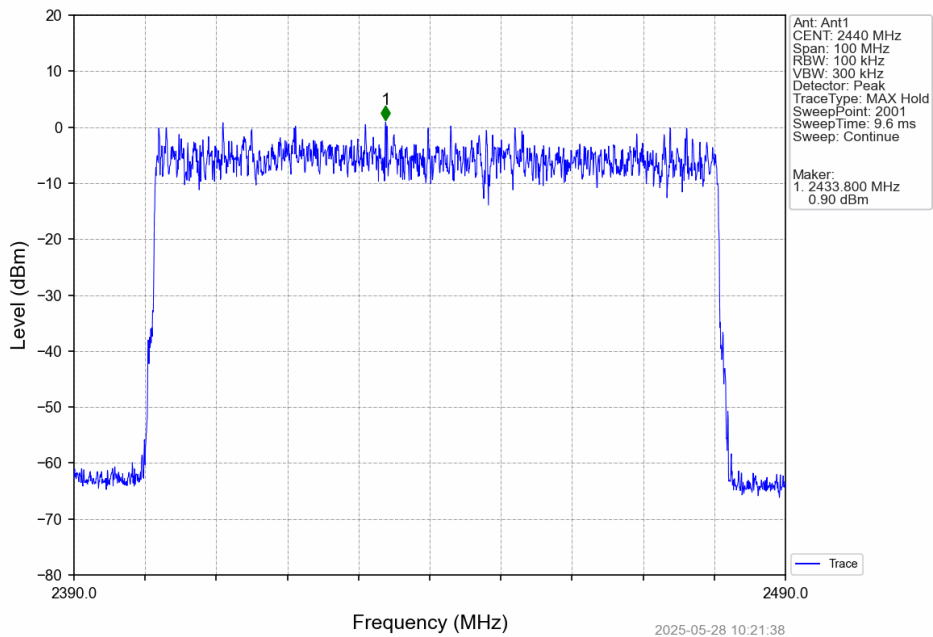


8DPSK_3DH5_HOPP_Ant1_NTNV



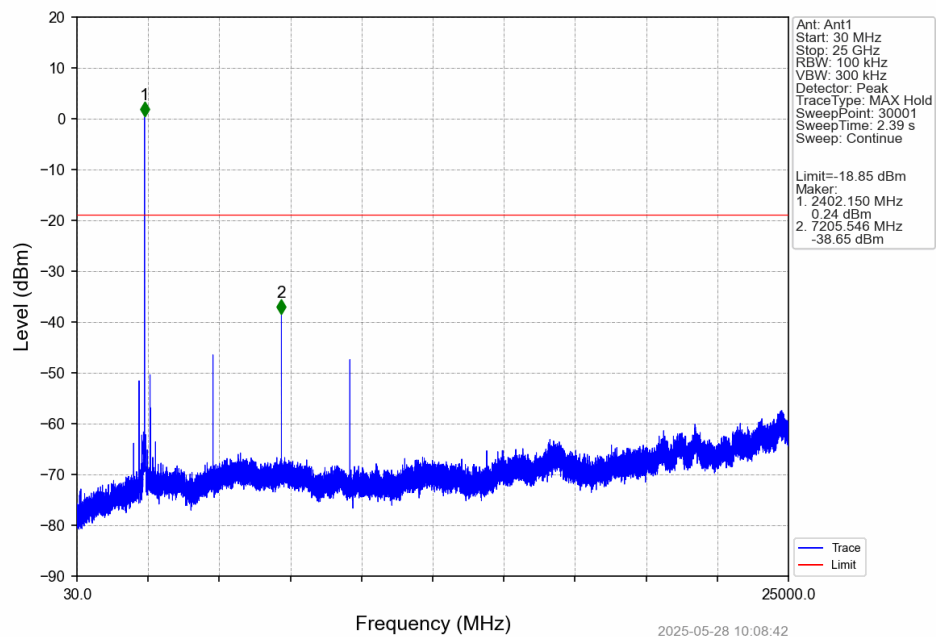


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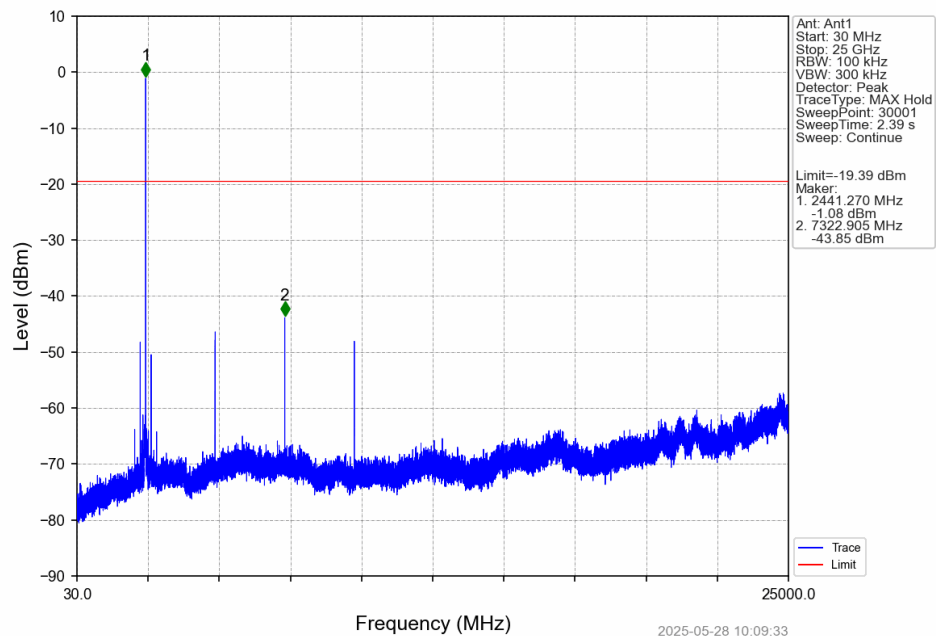




GFSK_DH5_LCH_2402MHz_Ant1_NTNV

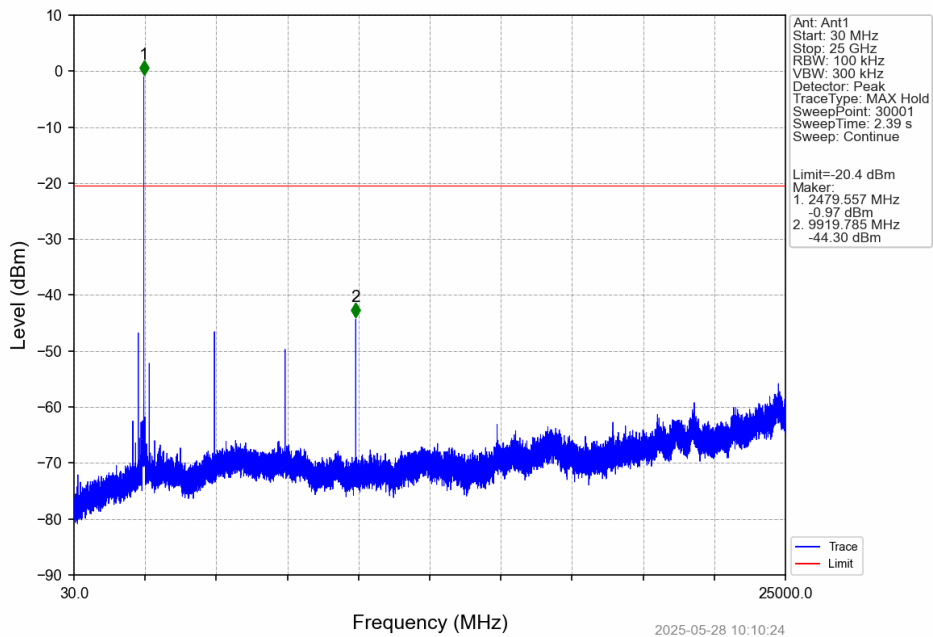


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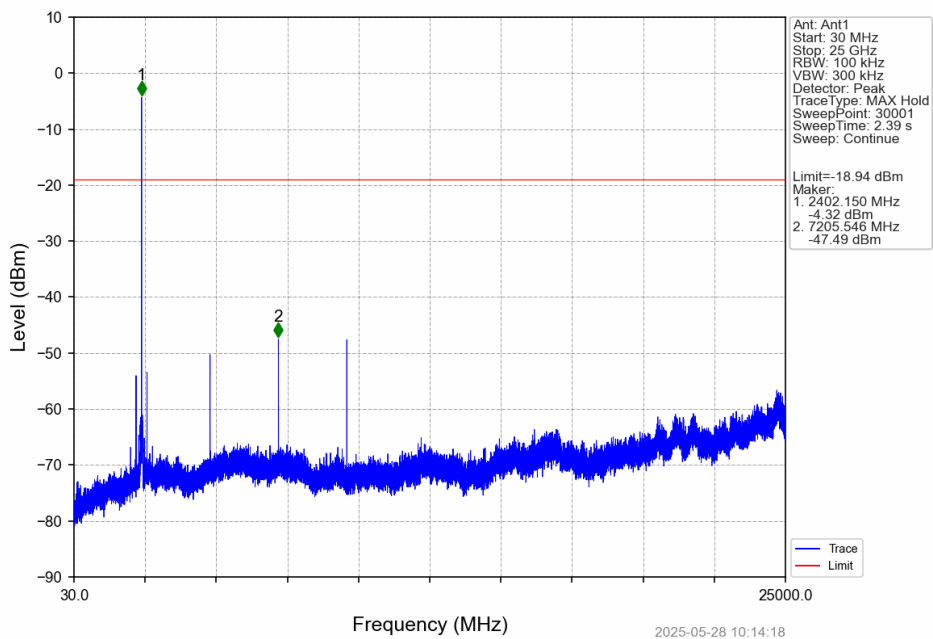




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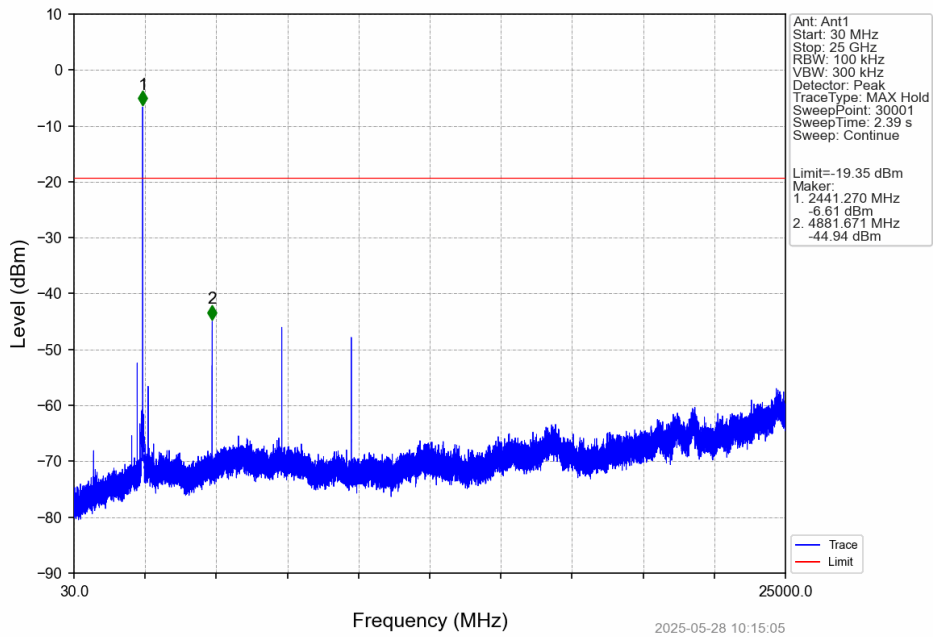


Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV

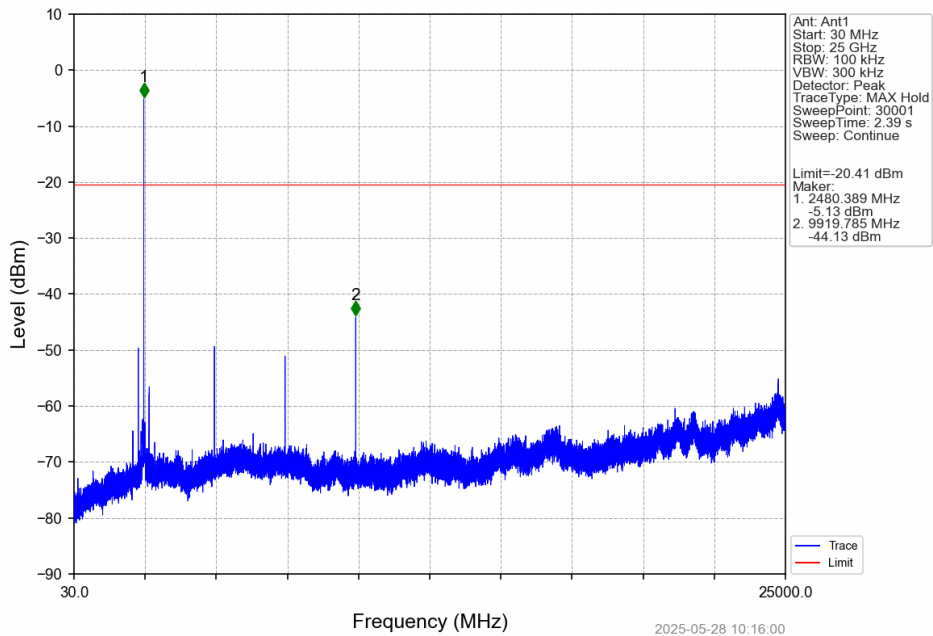




Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV

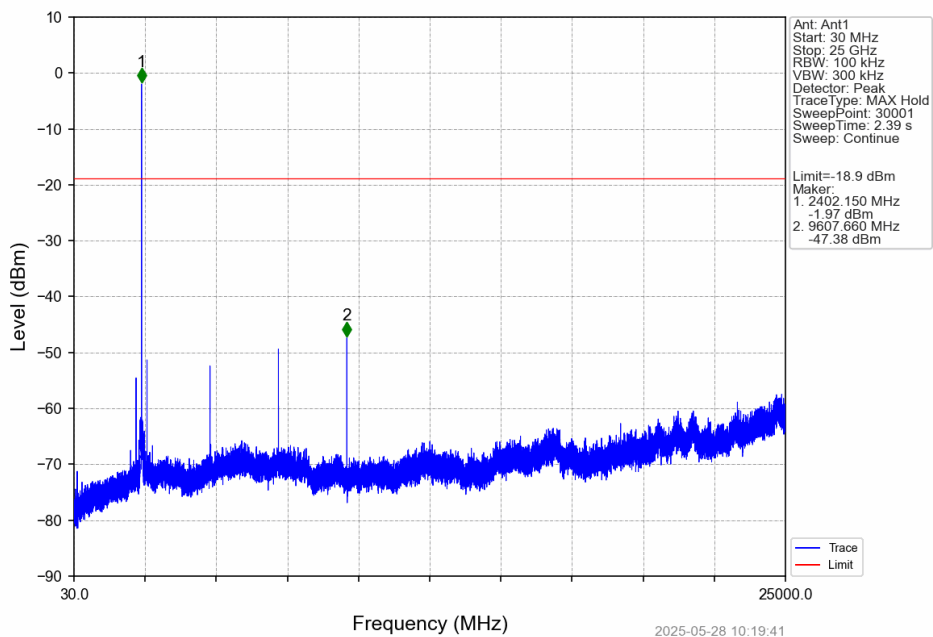


Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV

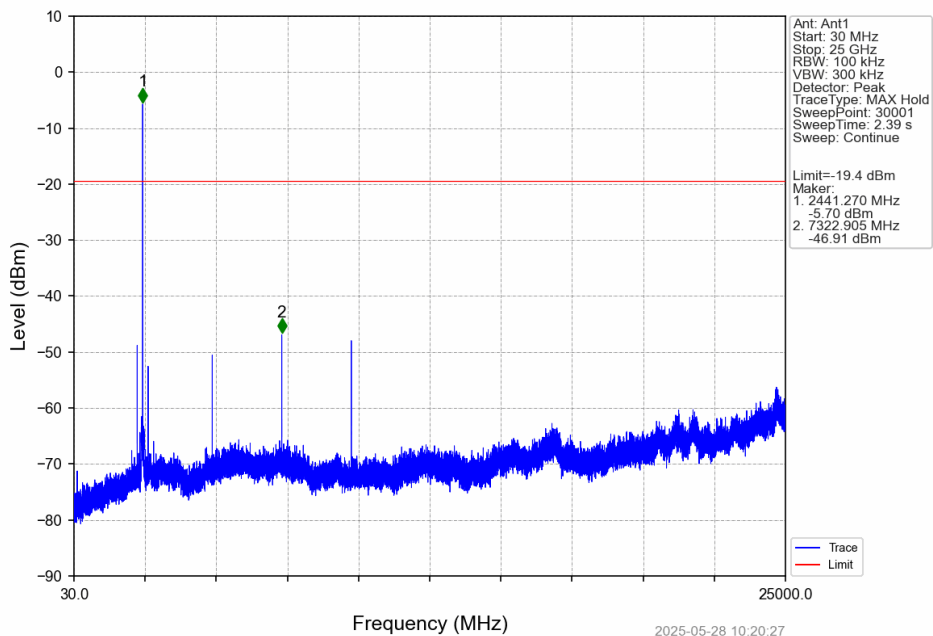




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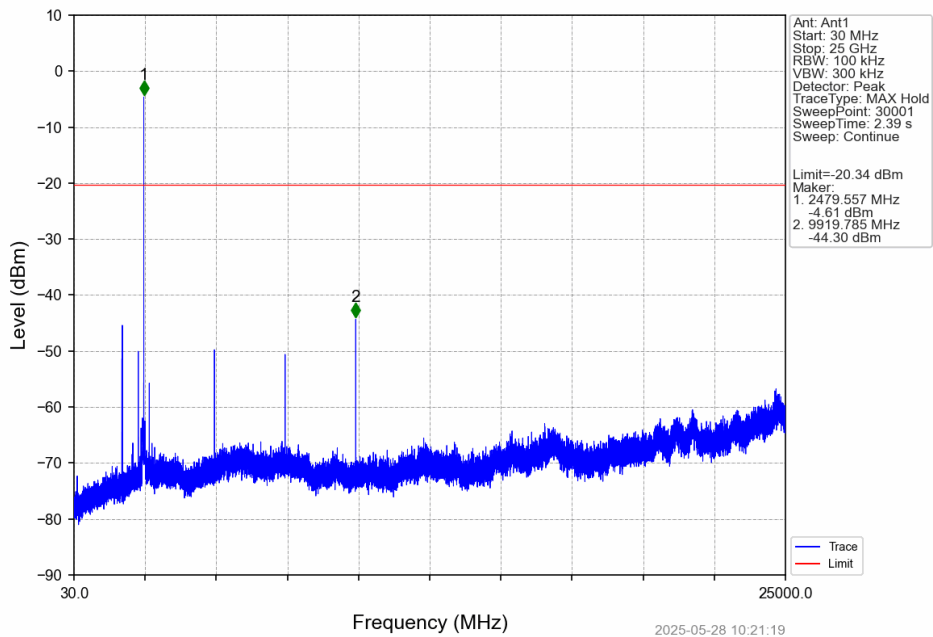


8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV





8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV





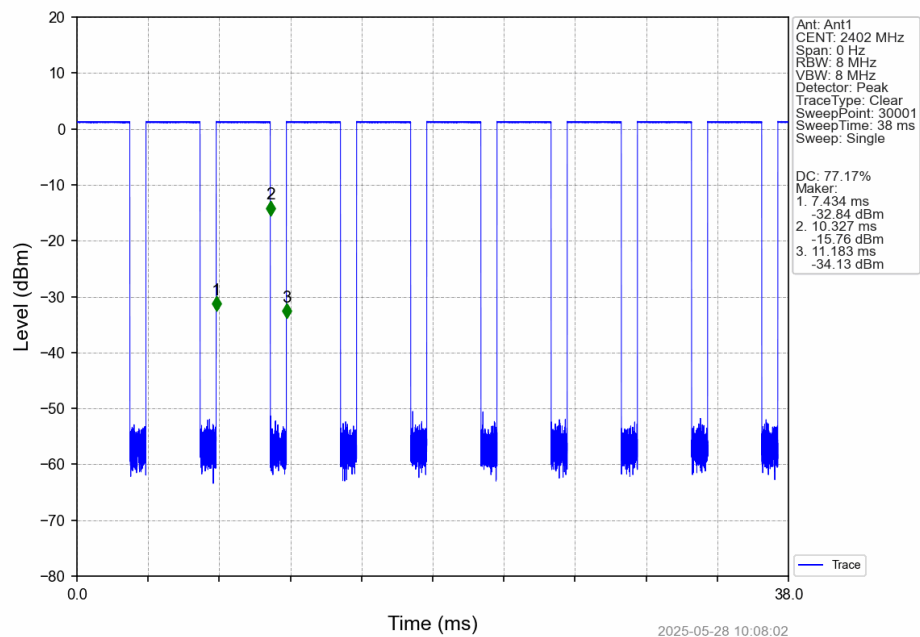
A.8 Duty Cycle

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	2.893	3.749	77.17	1.13	0.01
		2441	DH5	2.893	3.750	77.15	1.13	0.01
		2480	DH5	2.893	3.749	77.17	1.13	0.01
Pi/4DQPSK	SISO	2402	2DH5	2.900	3.750	77.33	1.12	0.01
		2441	2DH5	2.900	3.751	77.31	1.12	0.03
		2480	2DH5	2.899	3.749	77.33	1.12	0.04
8DPSK	SISO	2402	3DH5	2.900	3.750	77.33	1.12	0.01
		2441	3DH5	2.900	3.750	77.33	1.12	0.03
		2480	3DH5	2.900	3.750	77.33	1.12	0.01

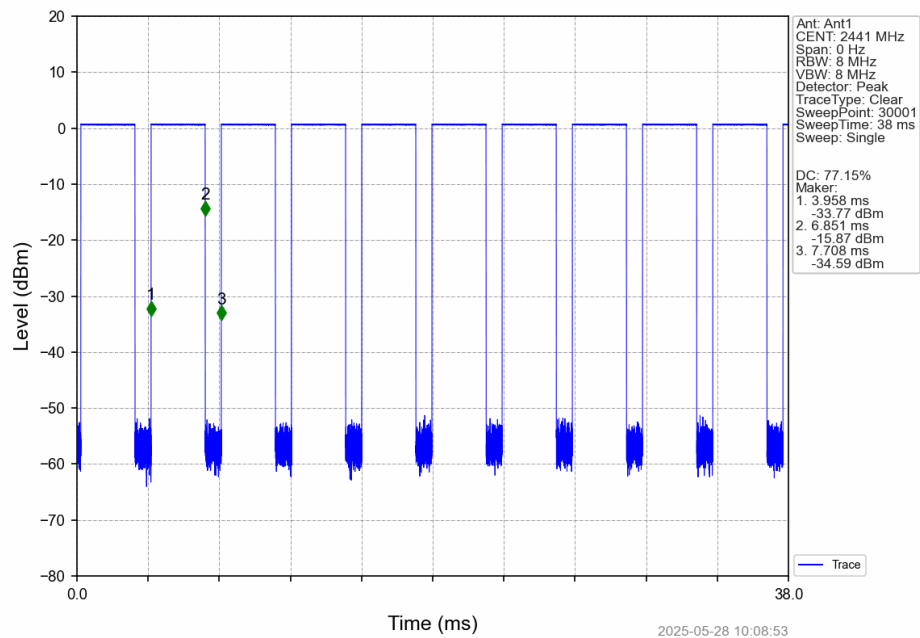




GFSK_DH5_LCH_2402MHz_Ant1_NTNV

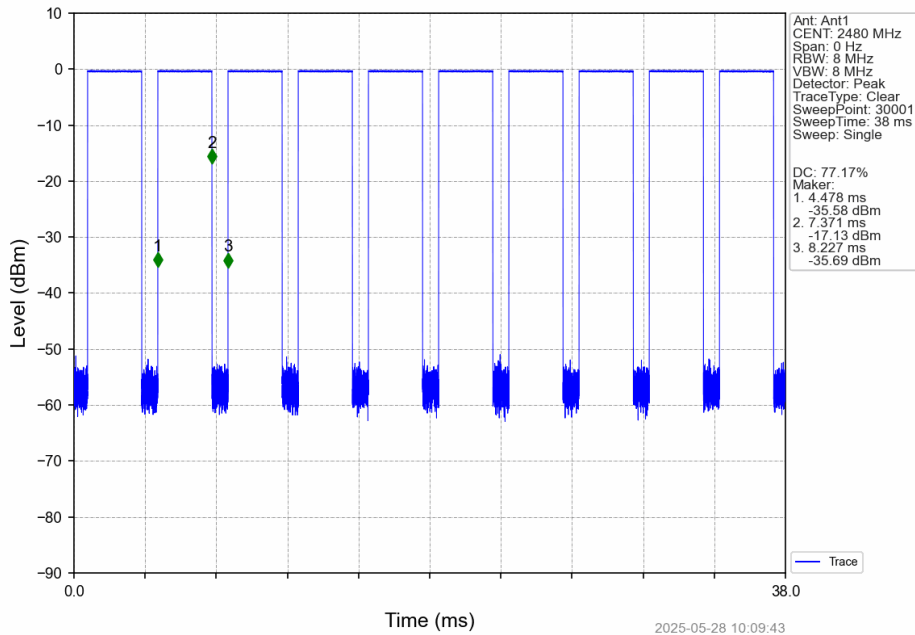


GFSK_DH5_MCH_2441MHz_Ant1_NTNV

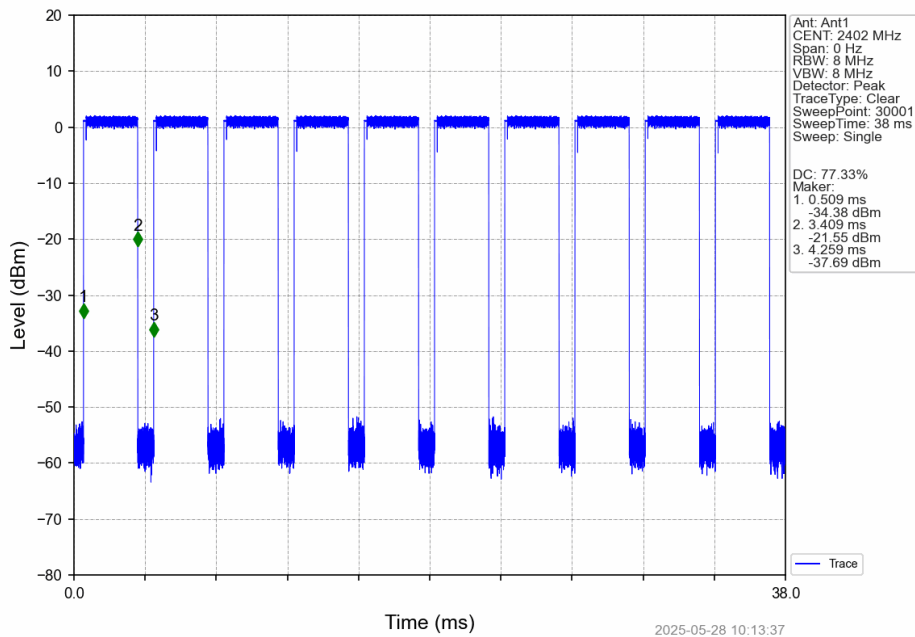




GFSK_DH5_HCH_2480MHz_Ant1_NTNV

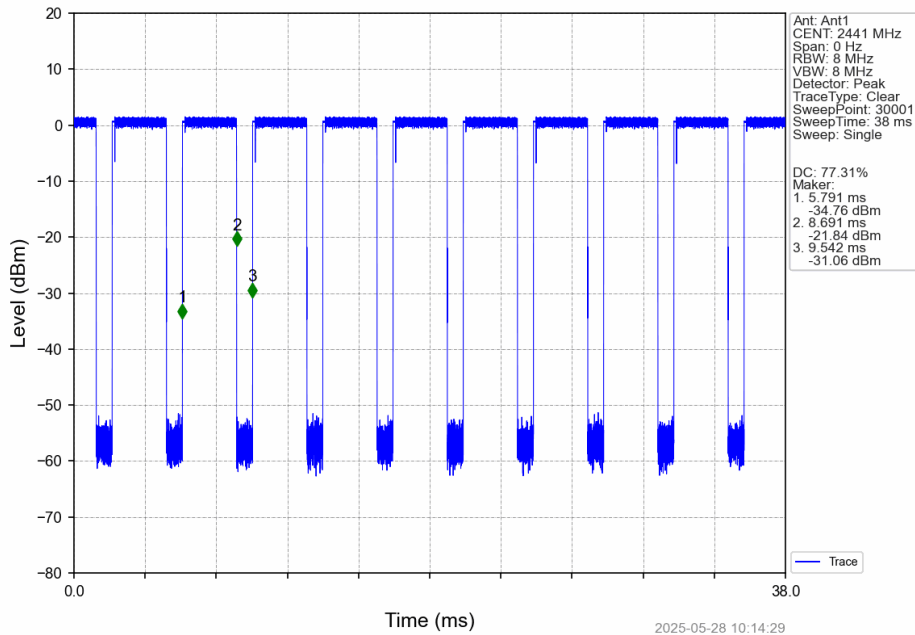


Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV

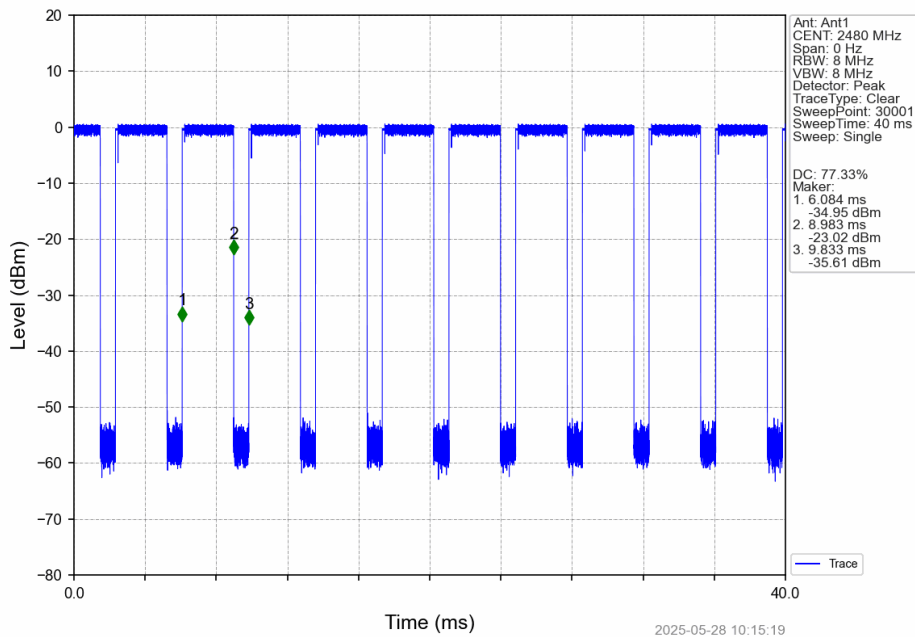




Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



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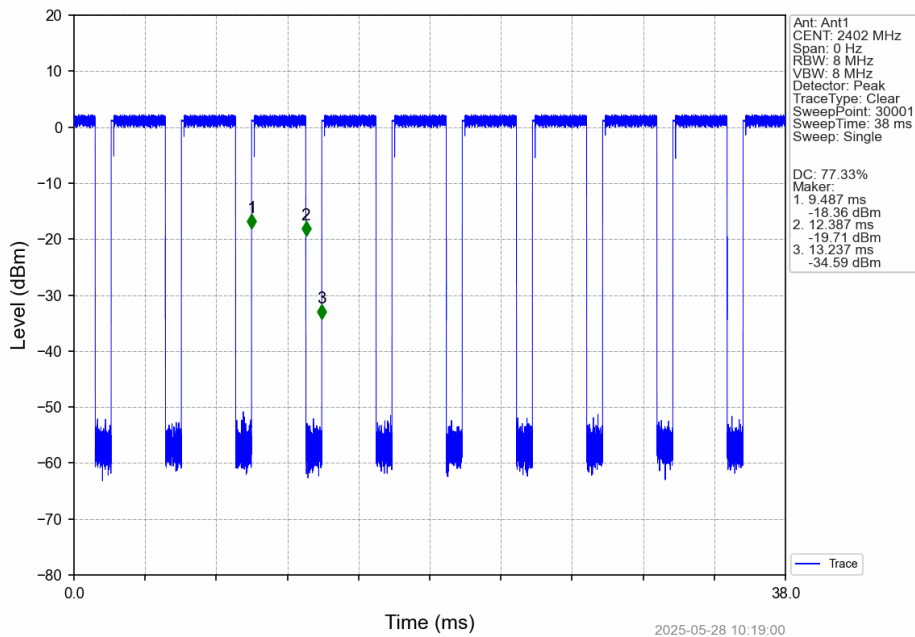
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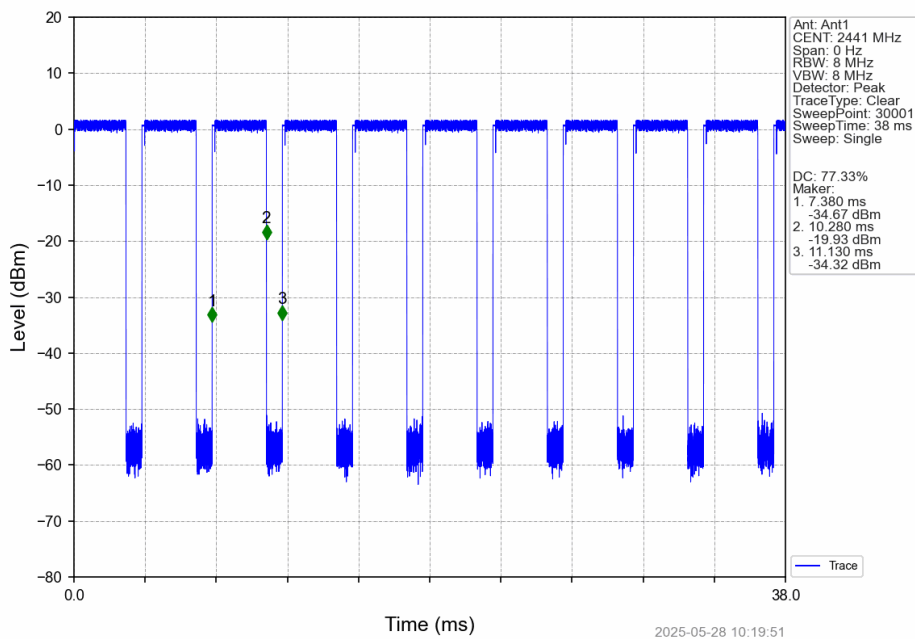
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



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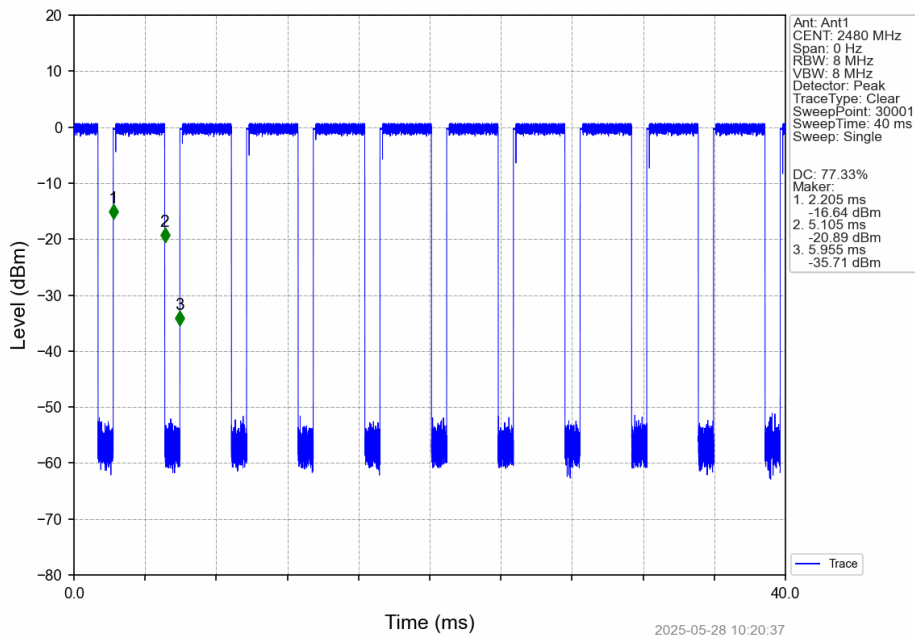
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8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV



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A.9 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-50.67	2	-	46.59	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-59.23	2	1.13	39.16	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2343.792	-47.78	2	-	49.48	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2375.472	-57.87	2	1.13	40.52	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-51.89	2	-	45.37	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.45	2	1.13	39.94	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.35	2	-	47.91	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-58.18	2	1.13	40.21	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2485.048	-46.56	2	-	50.70	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2489.728	-57.34	2	1.13	41.05	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-50.08	2	-	47.18	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.49	2	1.13	40.90	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-49.89	2	-	47.37	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.31	2	1.12	40.07	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2386.704	-47.33	2	-	49.93	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2385.744	-57.78	2	1.12	40.60	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.34	2	-	46.92	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-59.07	2	1.12	39.31	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.78	2	-	47.48	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.55	2	1.12	40.83	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2493.184	-46.09	2	-	51.17	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2485.048	-57.27	2	1.12	41.11	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.75	2	-	46.51	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-58.78	2	1.12	39.60	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-51.08	2	-	46.18	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-59.22	2	1.12	39.16	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2334.96	-47.93	2	-	49.33	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2378.064	-57.8	2	1.12	40.58	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-50.97	2	-	46.29	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.79	2	1.12	39.59	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.15	2	-	48.11	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.41	2	1.12	40.97	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2484.952	-44.85	2	-	52.41	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.584	-56.97	2	1.12	41.41	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-50.05	2	-	47.21	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-58.47	2	1.12	39.91	Average	54	Pass



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