



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Bluetooth Speaker

Test Model: Onforu SK03

Environmental Conditions

Temperature:	23.8°C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Nick Peng



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A.1 -20dB Bandwidth

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	20dB Bandwidth (MHz)		Verdict
					Result	Limit	
GFSK	SISO	2402	DH5	1	1.055	/	Pass
		2441	DH5	1	1.056	/	Pass
		2480	DH5	1	1.067	/	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	1.338	/	Pass
		2441	2DH5	1	1.342	/	Pass
		2480	2DH5	1	1.341	/	Pass
8DPSK	SISO	2402	3DH5	1	1.313	/	Pass
		2441	3DH5	1	1.306	/	Pass
		2480	3DH5	1	1.302	/	Pass



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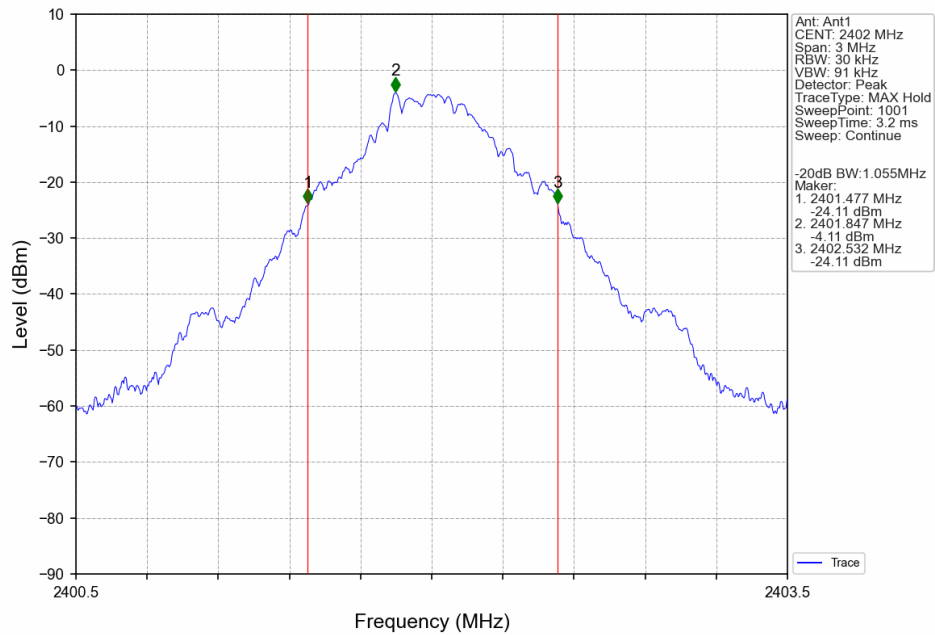
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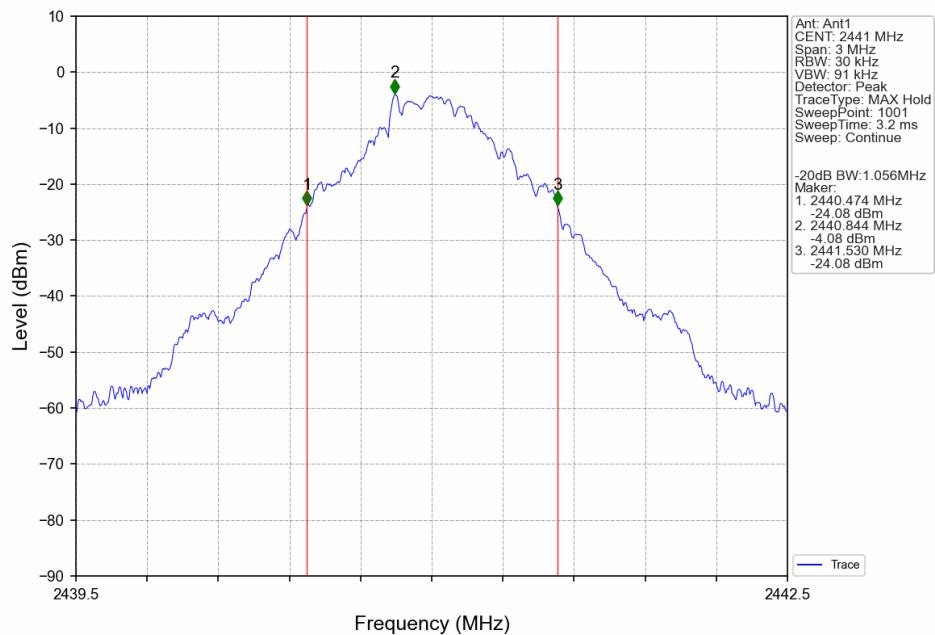
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GFSK_DH5_LCH_2402MHz_Ant1_NTNV



GFSK_DH5_MCH_2441MHz_Ant1_NTNV



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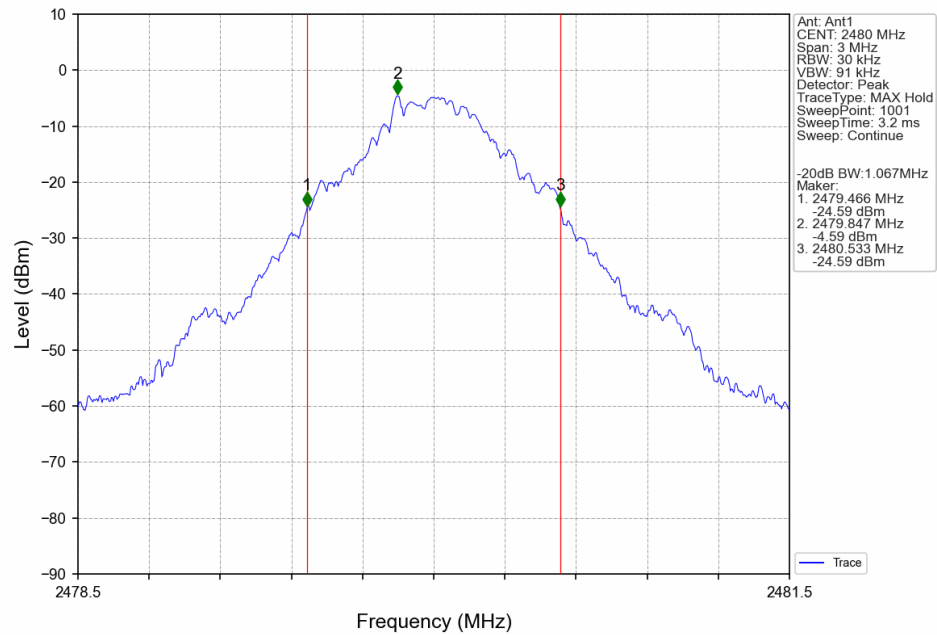
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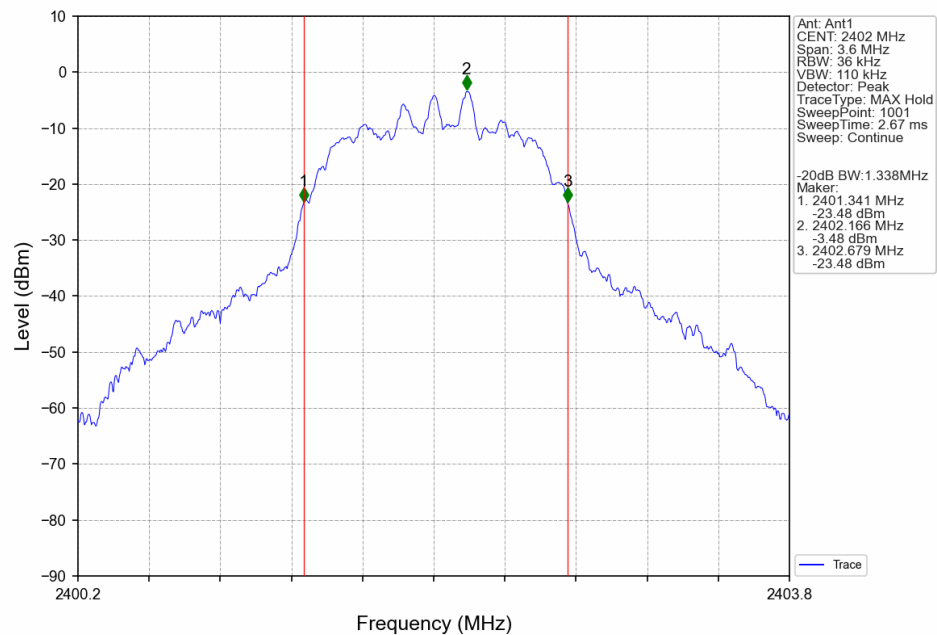
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GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



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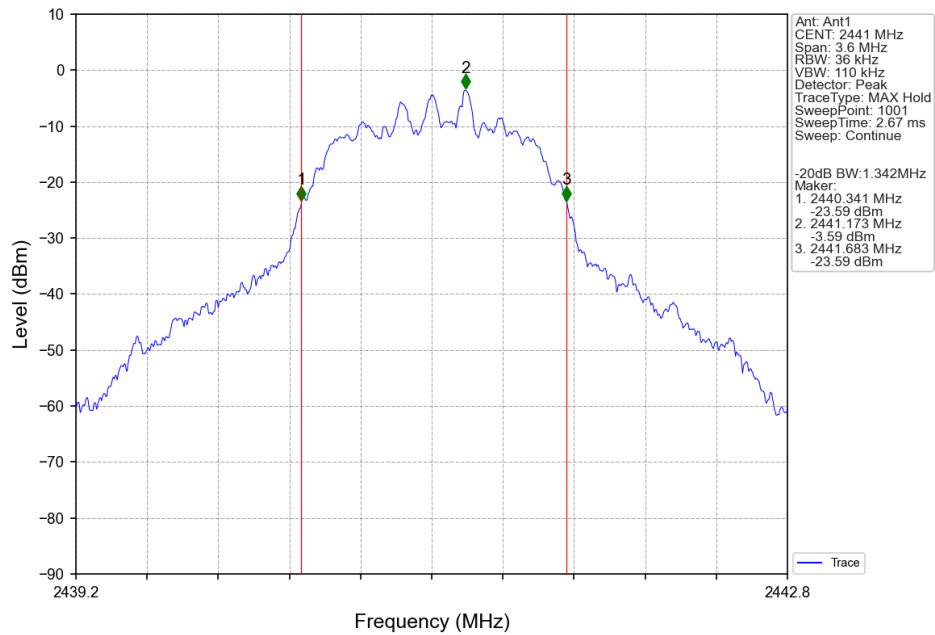
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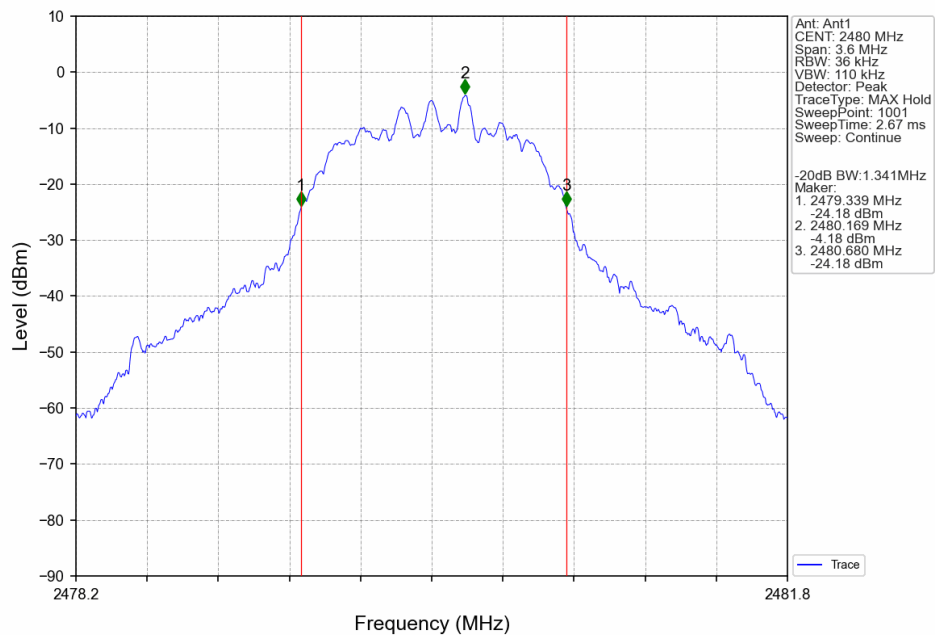
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Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



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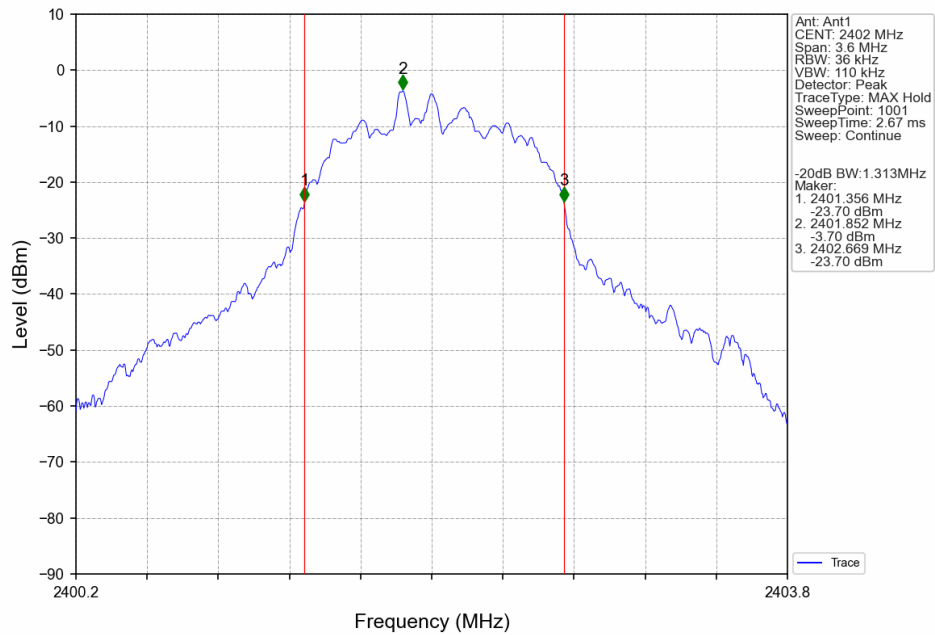
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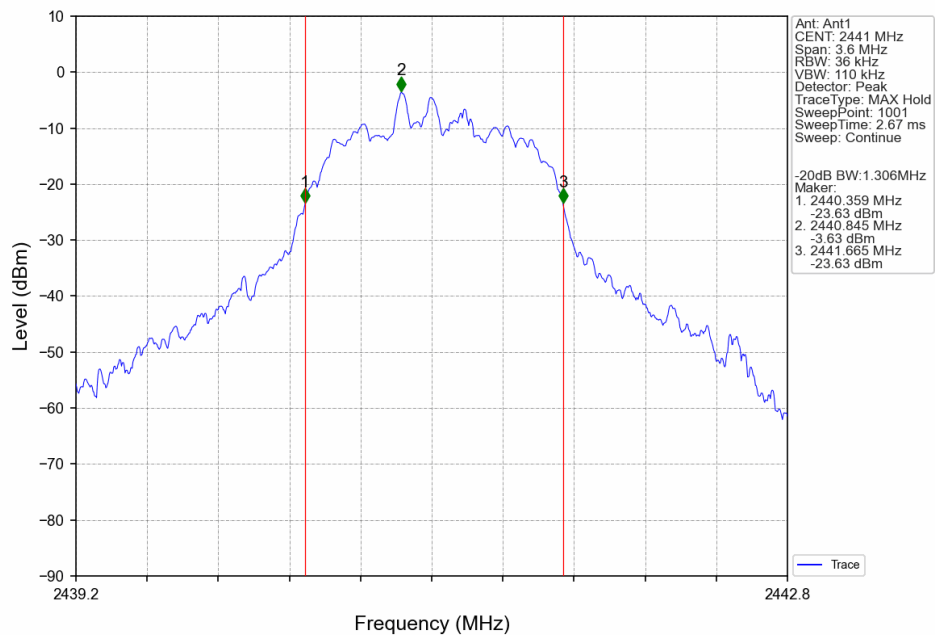
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

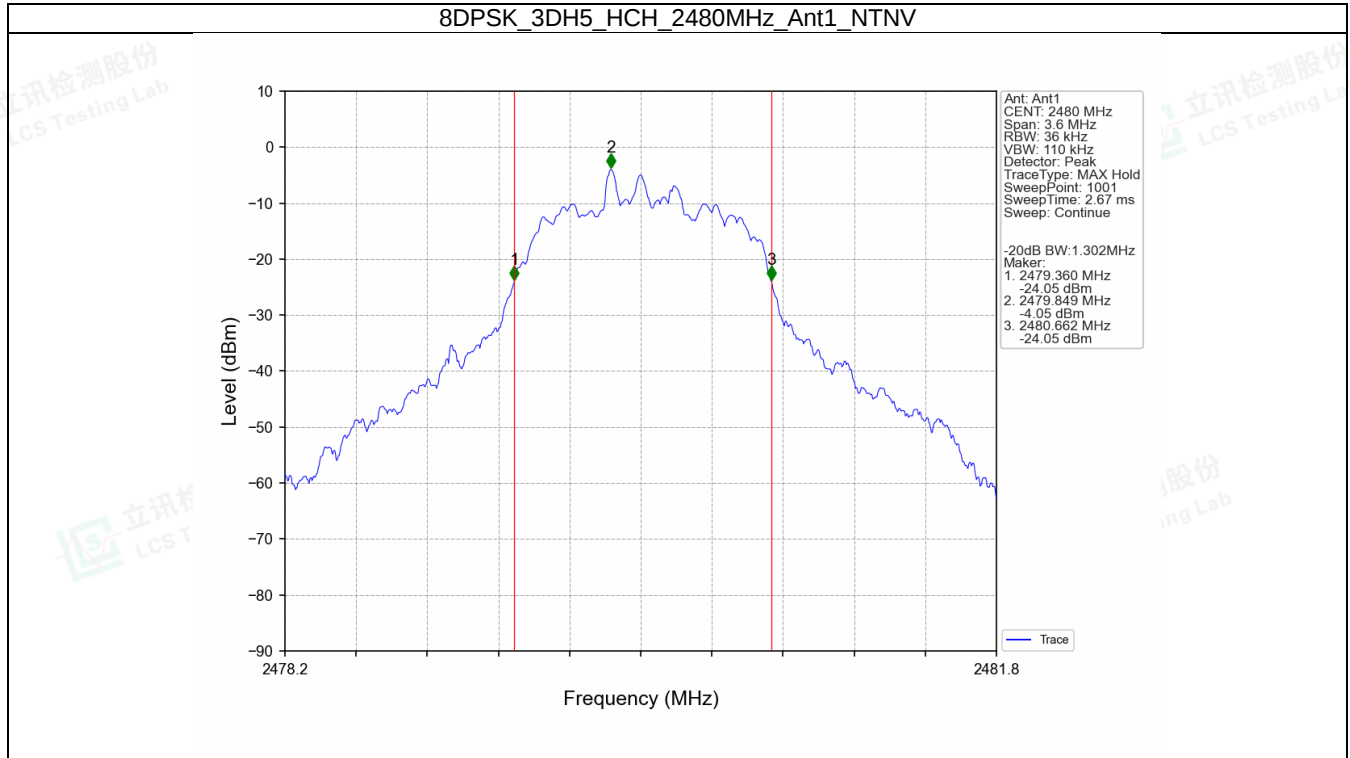


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A.2 Maximum Peak Conducted Output Power

Mode	TX Type	Frequency (MHz)	Packet Type	Maximum Peak Conducted Output Power (dBm)		Verdict
				ANT1	Limit	
GFSK	SISO	2402	DH5	-1.80	≤ 20.97	Pass
		2441	DH5	-1.85	≤ 20.97	Pass
		2480	DH5	-2.34	≤ 20.97	Pass
Pi/4DQPSK	SISO	2402	2DH5	-0.99	≤ 20.97	Pass
		2441	2DH5	-1.06	≤ 20.97	Pass
		2480	2DH5	-1.52	≤ 20.97	Pass
8DPSK	SISO	2402	3DH5	-0.56	≤ 20.97	Pass
		2441	3DH5	-0.62	≤ 20.97	Pass
		2480	3DH5	-1.08	≤ 20.97	Pass



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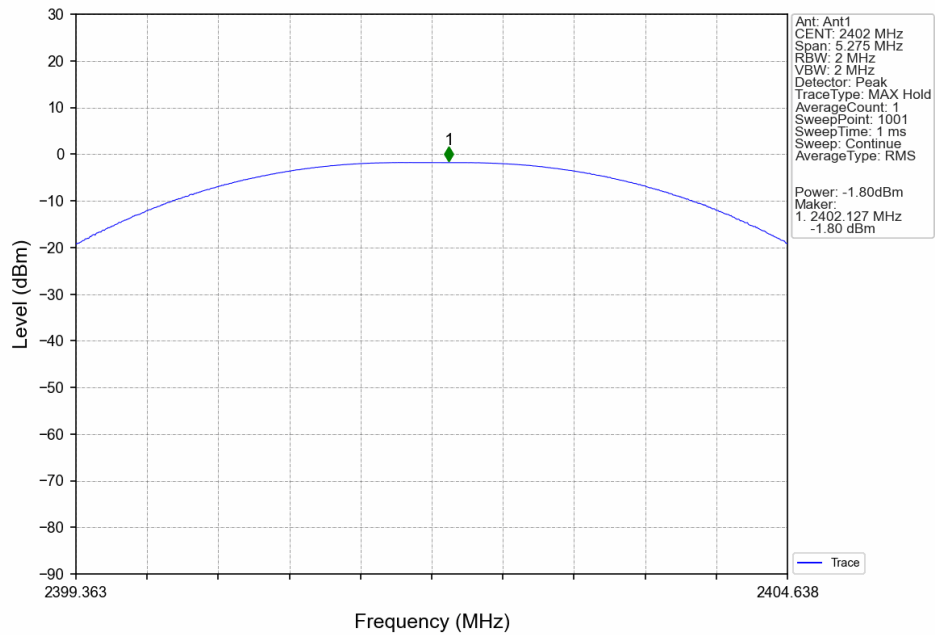
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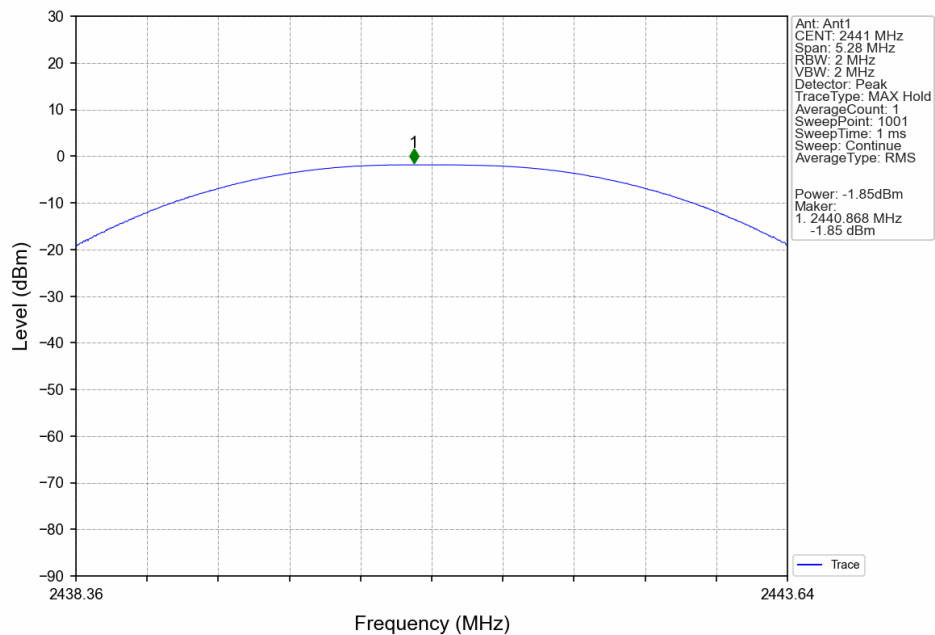
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GFSK_DH5_LCH_2402MHz_Ant1_NTNV



GFSK_DH5_MCH_2441MHz_Ant1_NTNV



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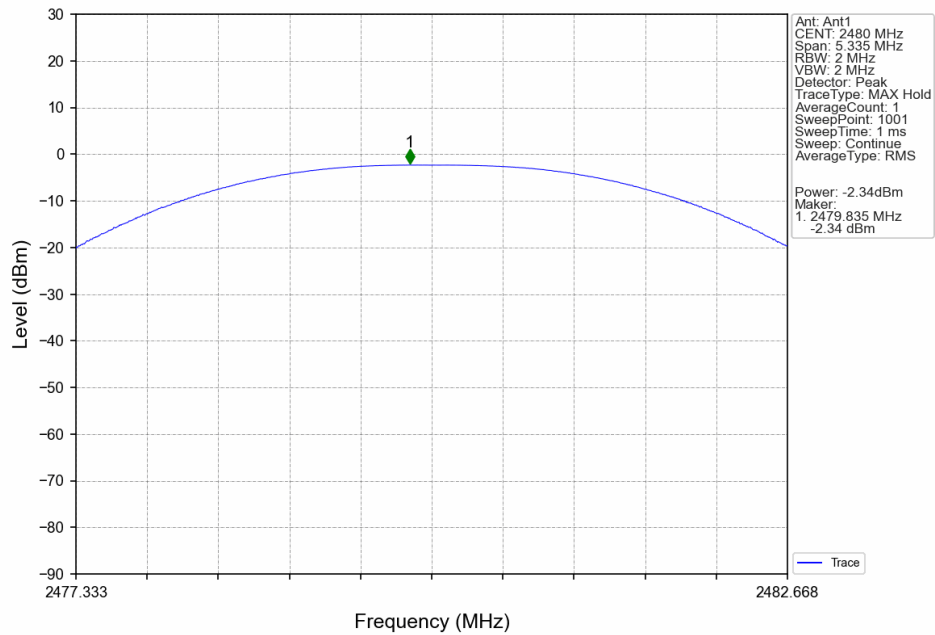
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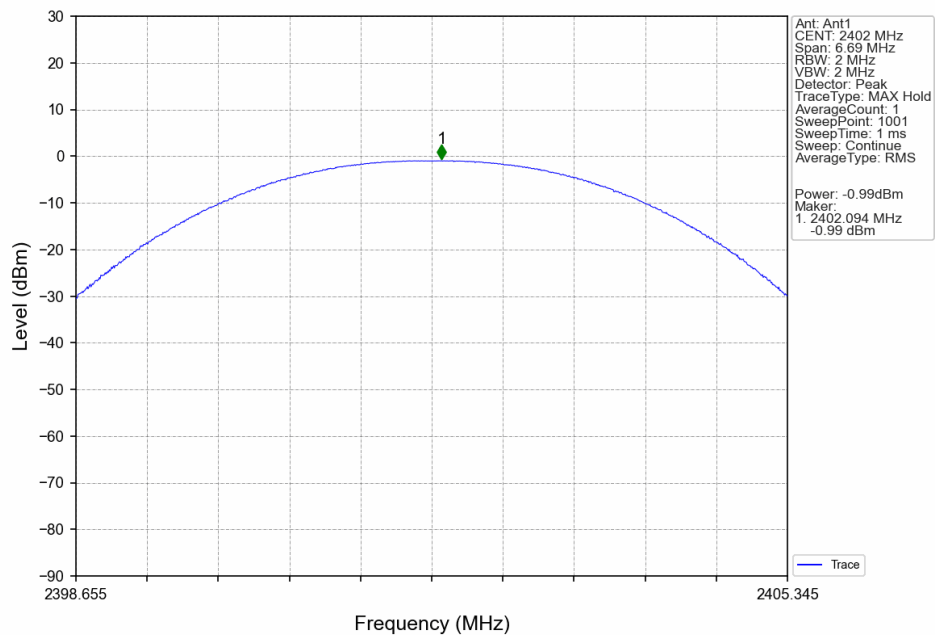
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GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



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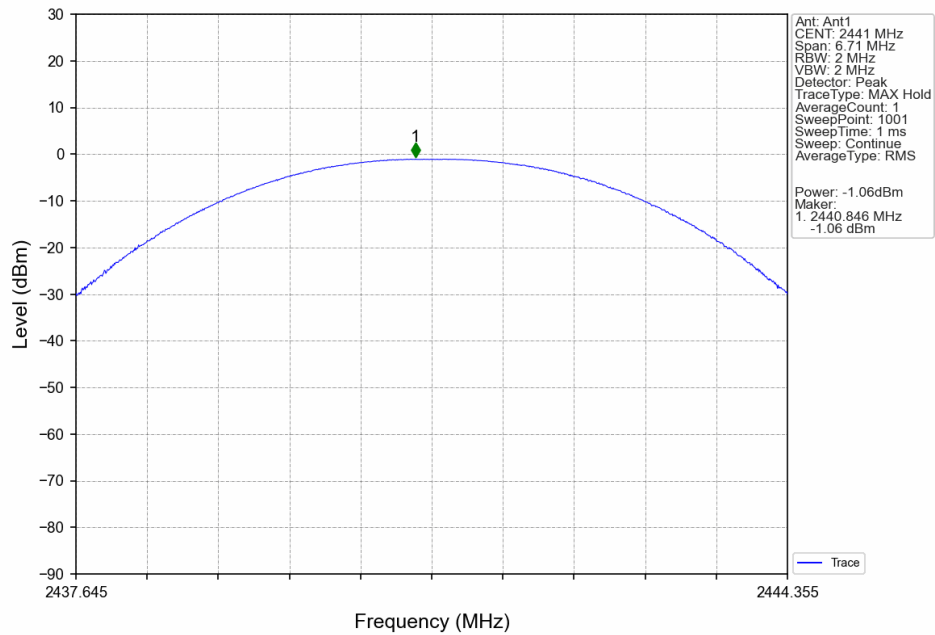
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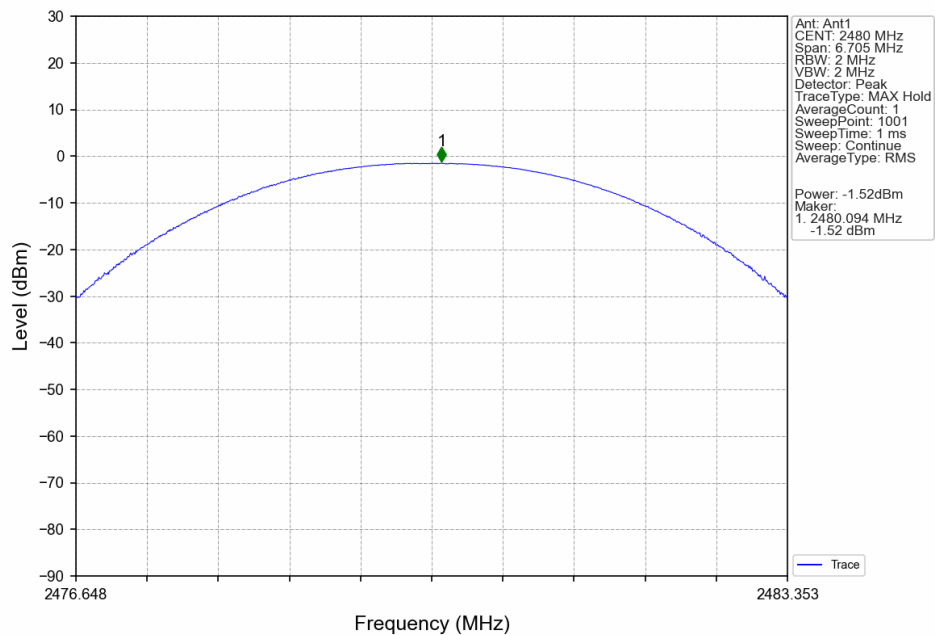
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Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



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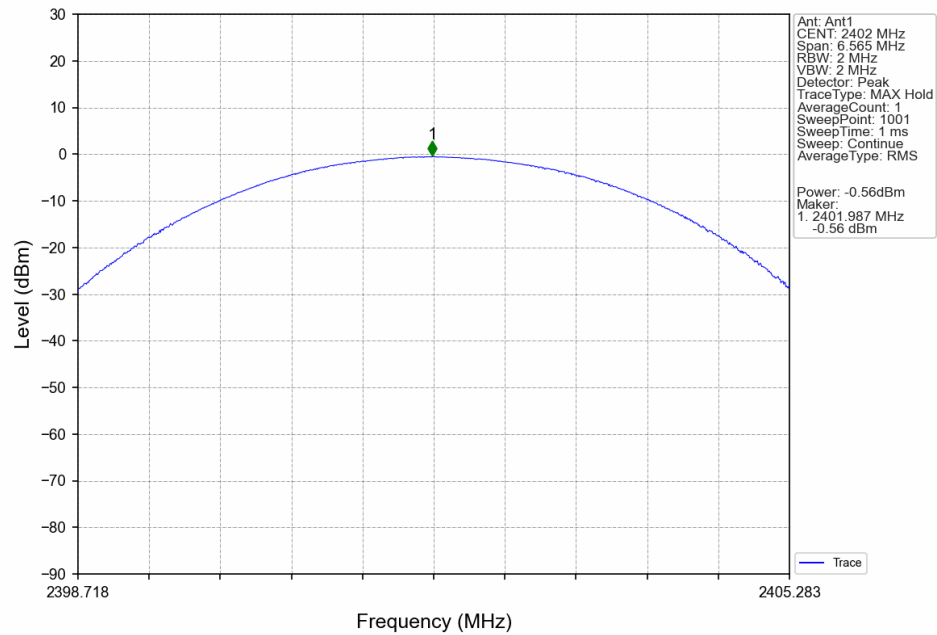
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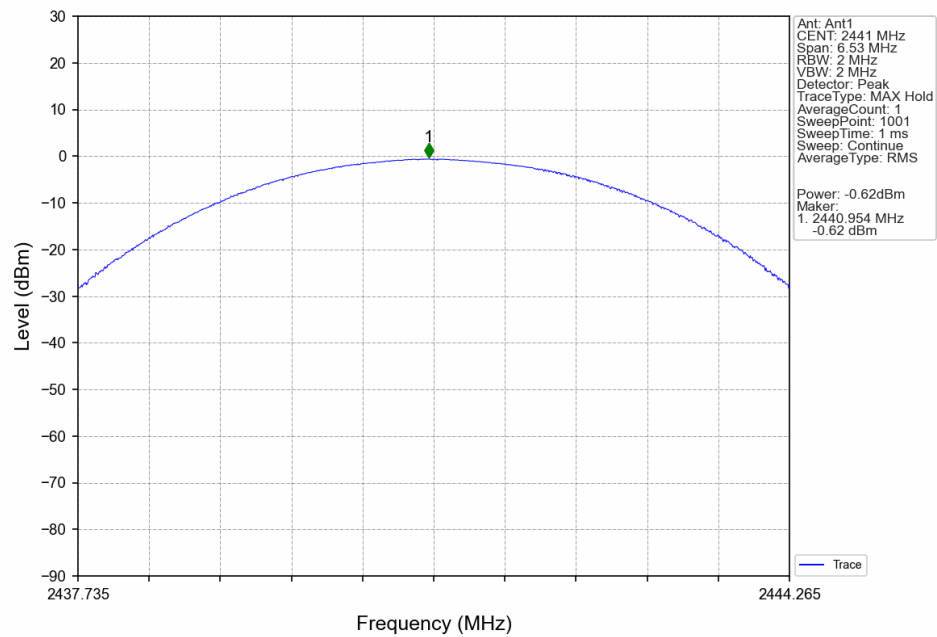
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

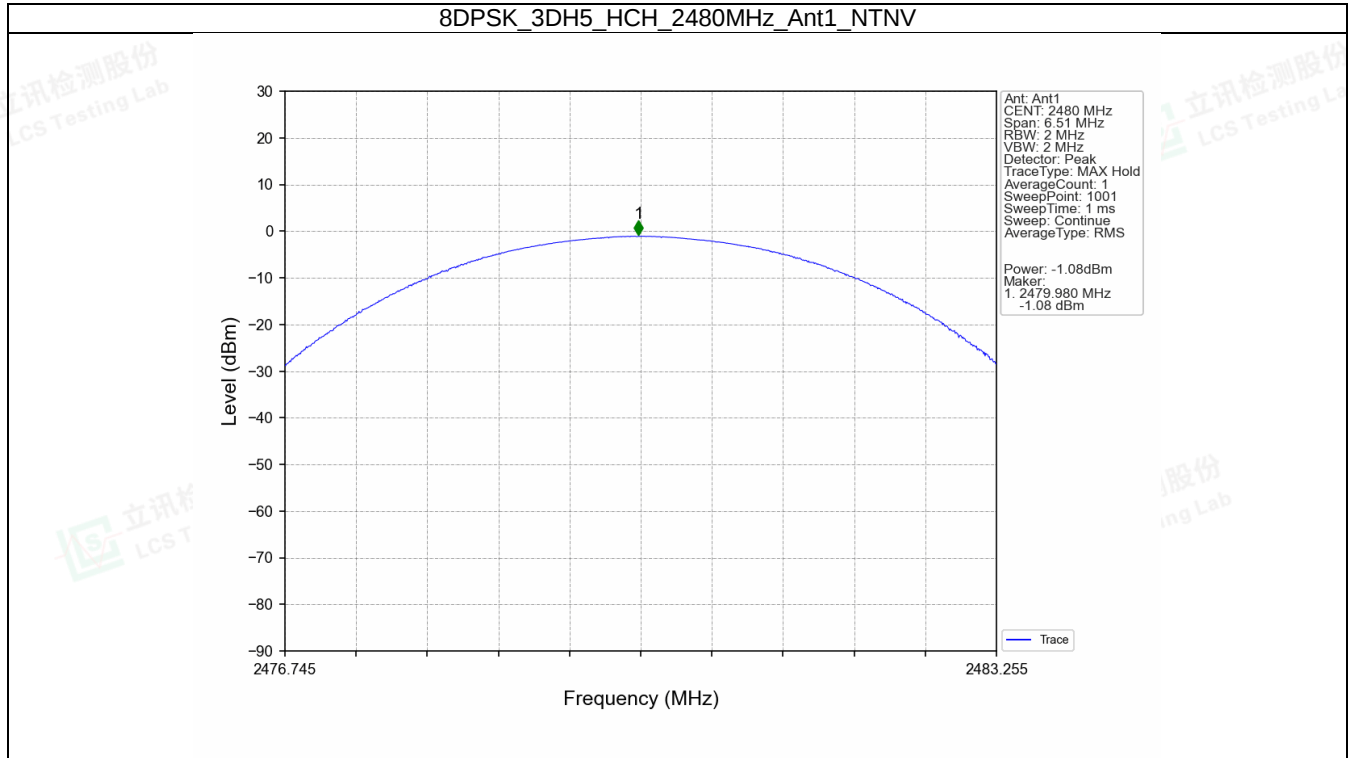


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A.3 Carrier Frequencies Separation

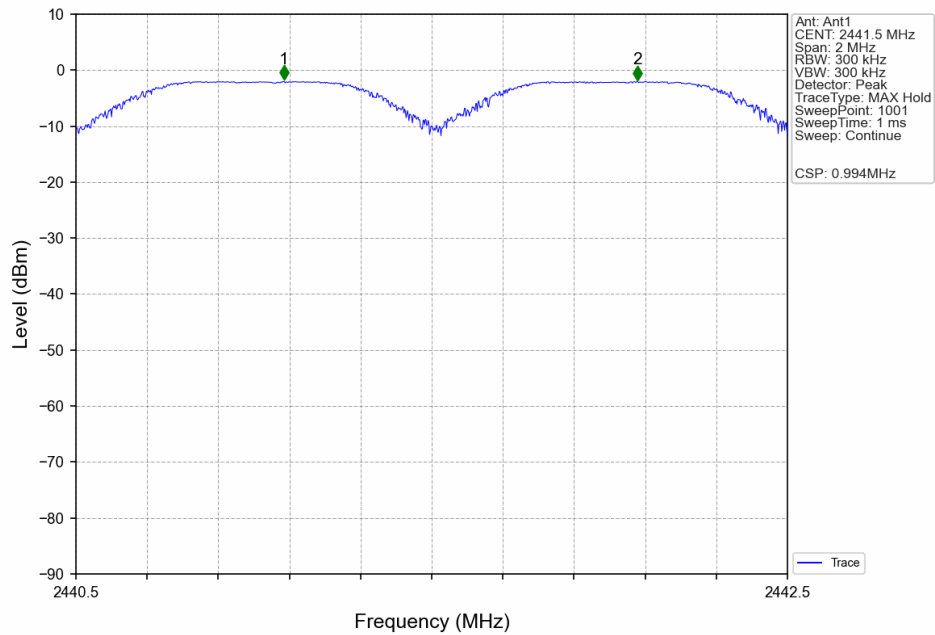
Ant1							
Mode	TX Type	Frequency (MHz)	Packet Type	Channel Separation (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
GFSK	SISO	HOPP	DH5	0.994	1.067	≥ 0.711	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	0.996	1.342	≥ 0.895	Pass
8DPSK	SISO	HOPP	3DH5	1.001	1.313	≥ 0.875	Pass



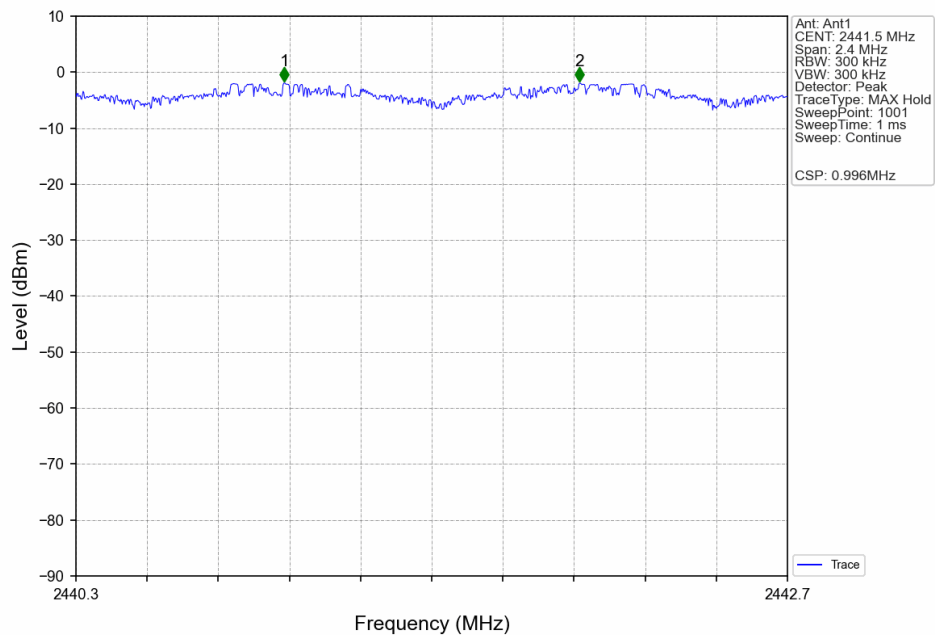
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GFSK_DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV

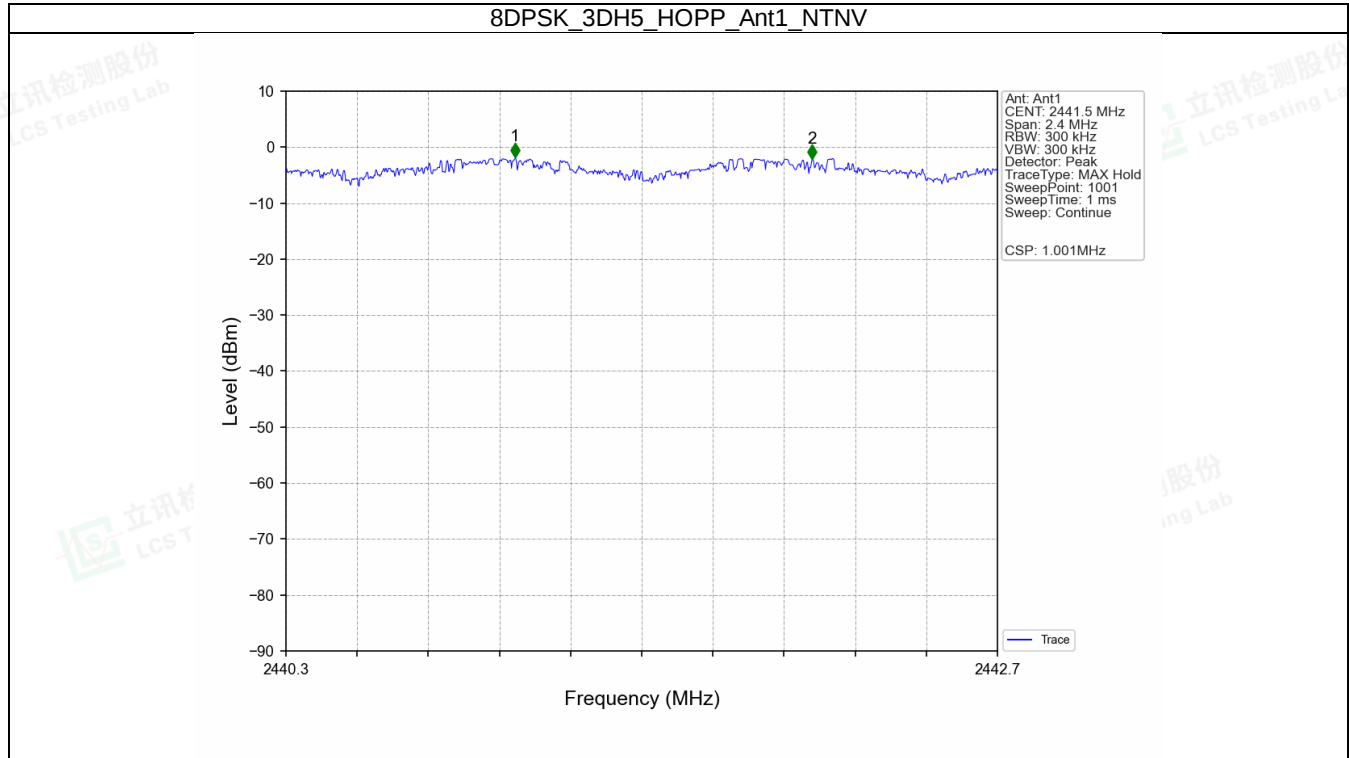


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A.4 Dwell Time

Ant1									
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	2.890	31.600	94	271.660	<=400	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	2.890	31.600	101	291.890	<=400	Pass
8DPSK	SISO	HOPP	3DH5	2.890	31.600	122	352.580	<=400	Pass



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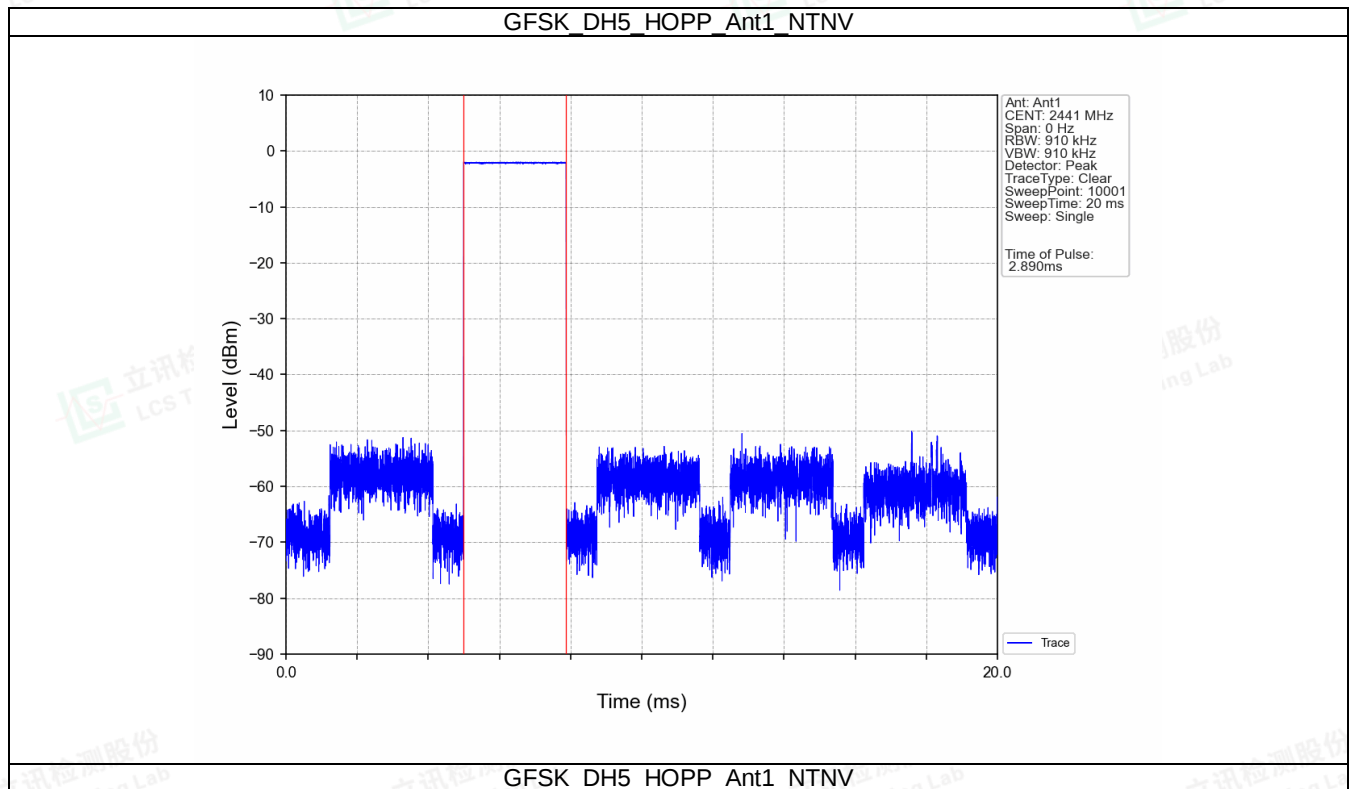
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6.2 Test Graph

6.2.1 Ant1

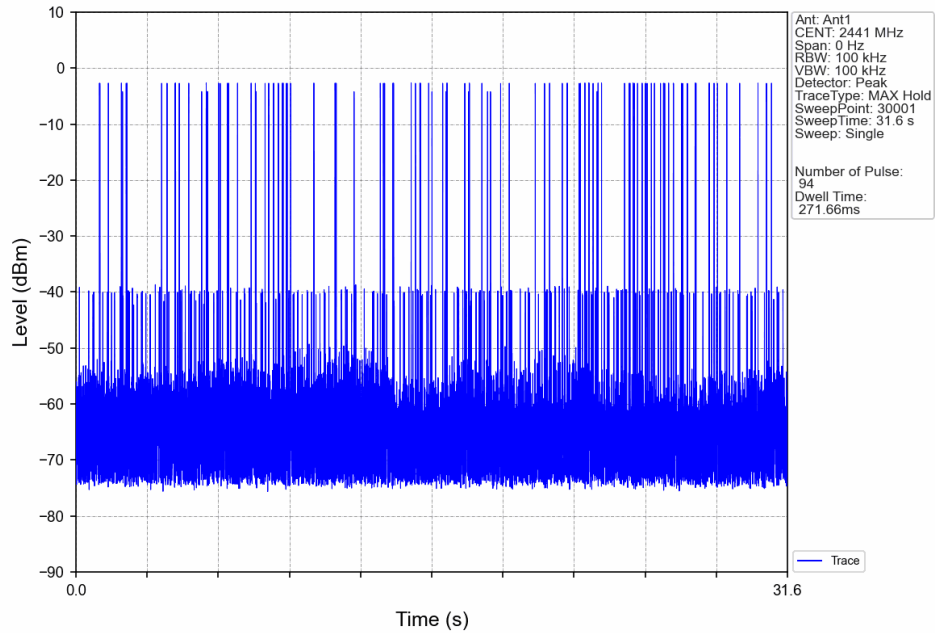


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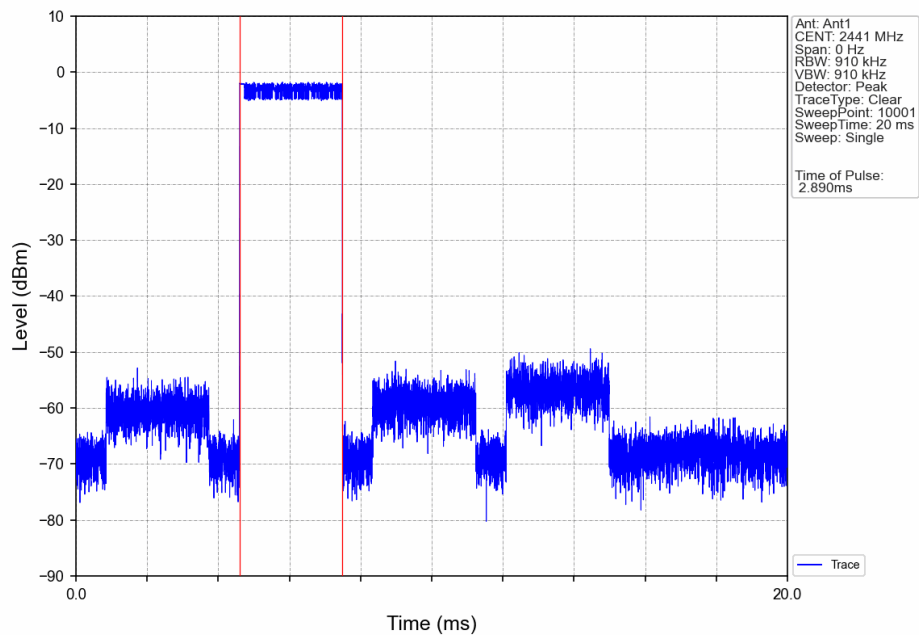
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Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV

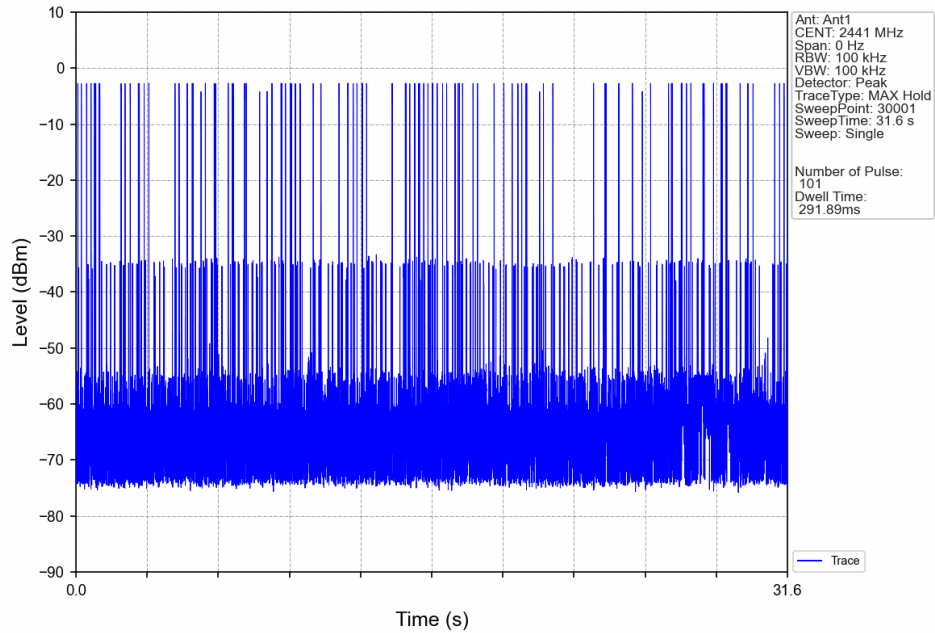


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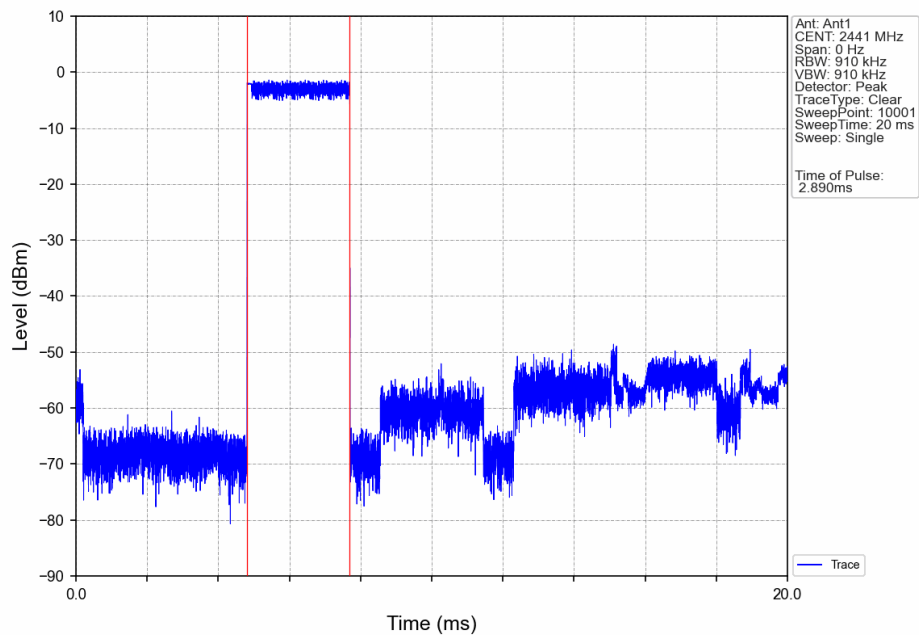
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8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV

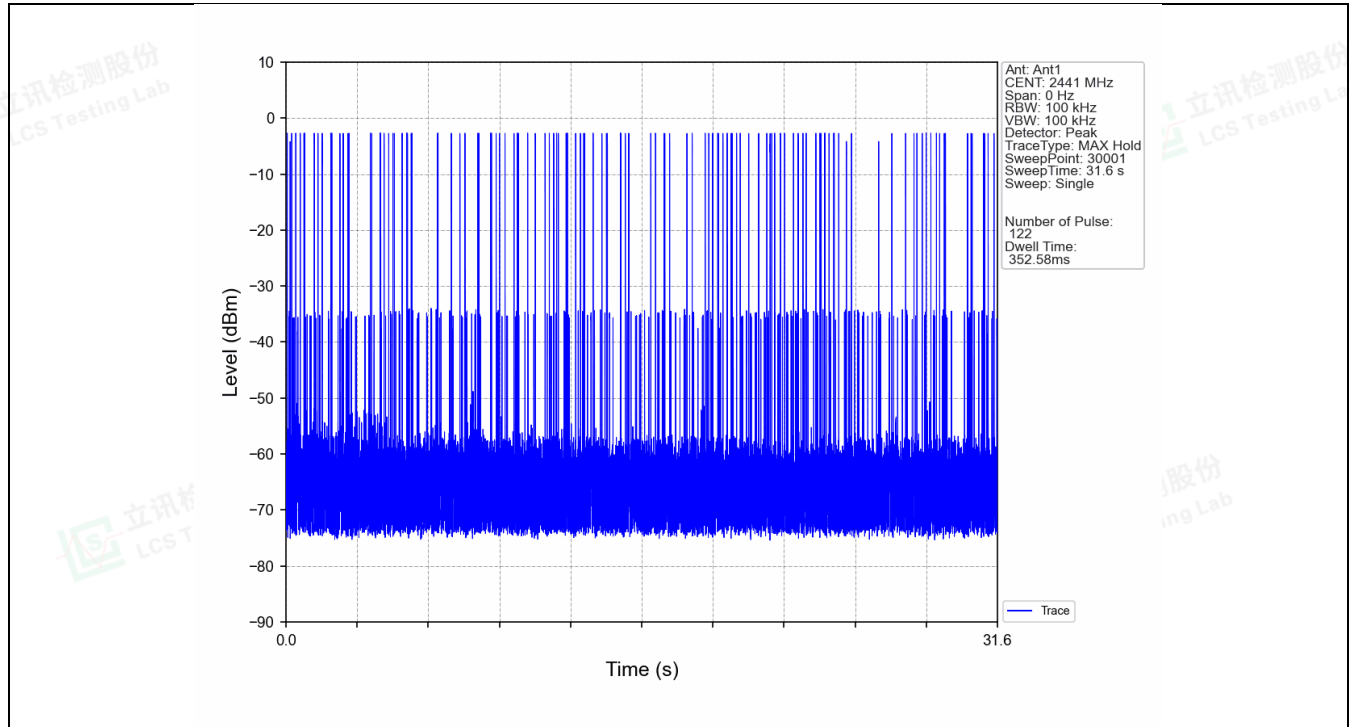


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A.5 Number of Hopping Channel

Mode	TX Type	Frequency (MHz)	Packet Type	Num of Hopping Frequencies		Verdict
				ANT1	Limit	
GFSK	SISO	HOPP	DH5	79	≥ 15	Pass
Pi/4DQPSK	SISO	HOPP	2DH5	79	≥ 15	Pass
8DPSK	SISO	HOPP	3DH5	79	≥ 15	Pass



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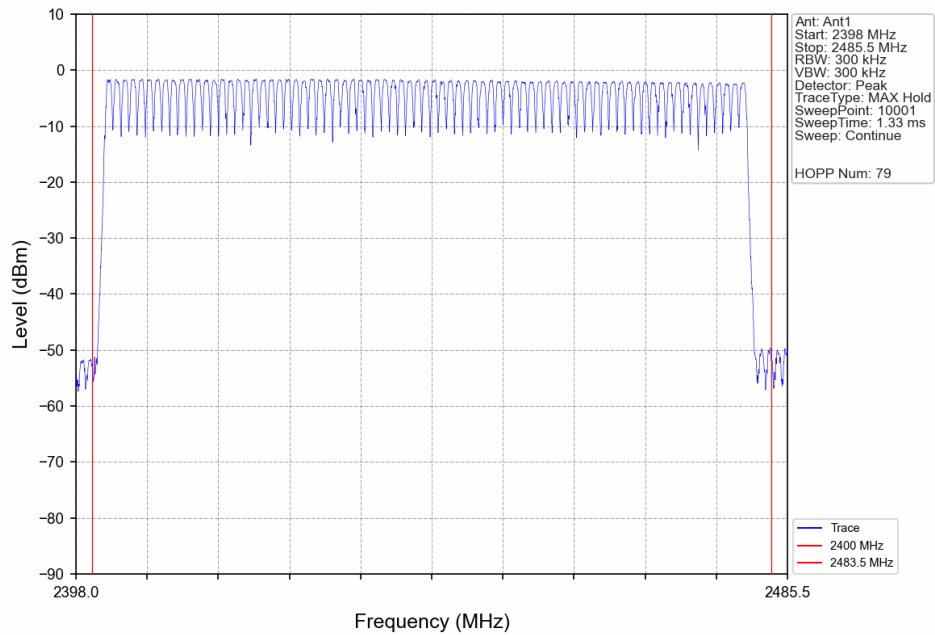
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

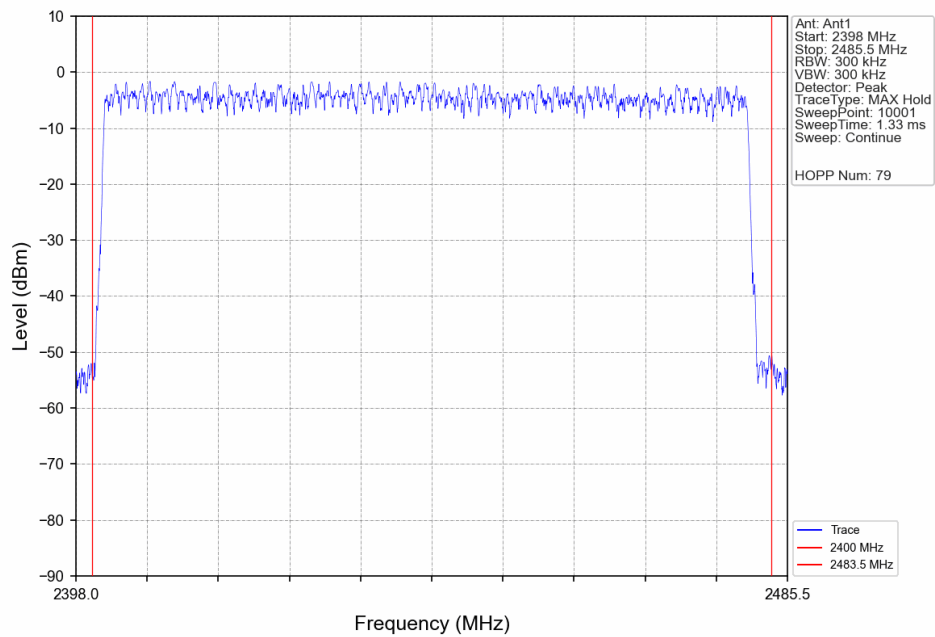
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GFSK_DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV

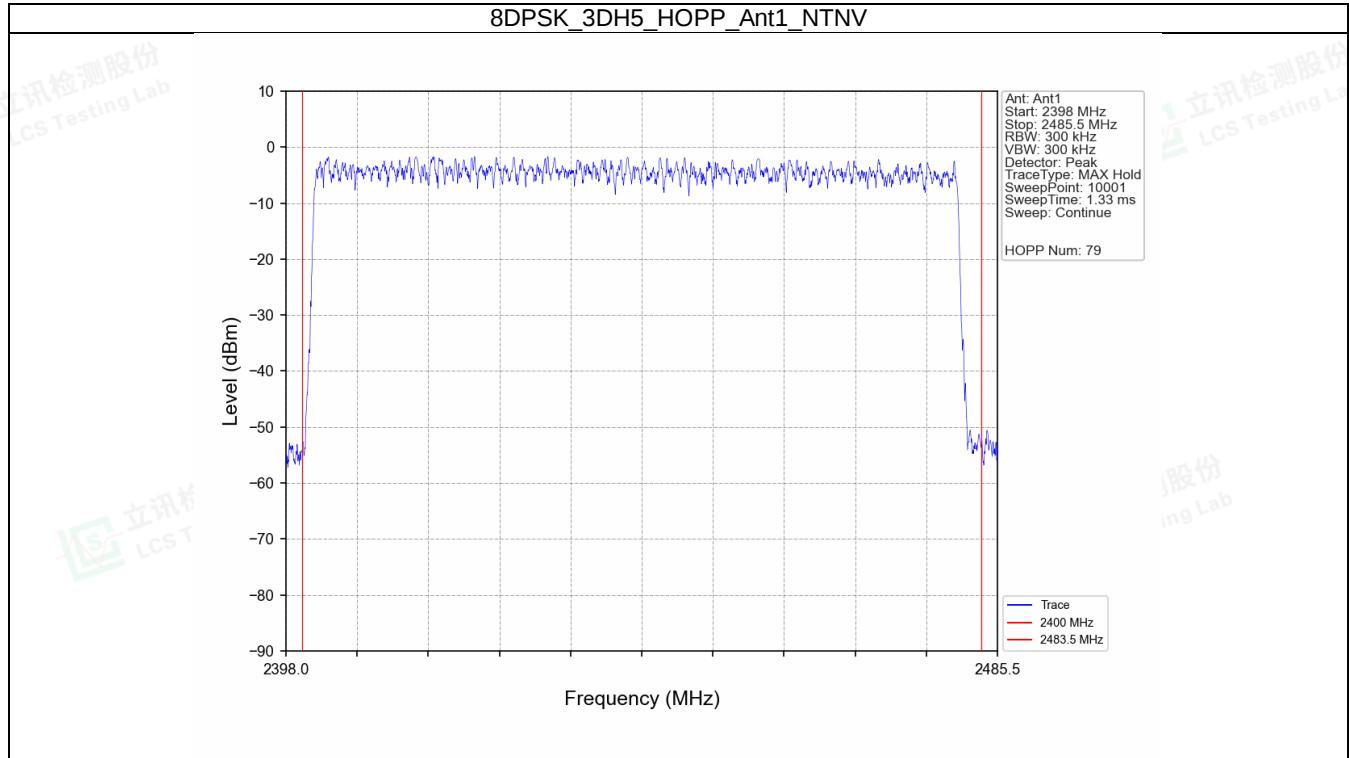


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A.6 Band Edge

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
GFSK	SISO	2402	DH5	1	-1.99	-21.99	Pass
		2441	DH5	1	-1.99	-21.99	Pass
		2480	DH5	1	-1.99	-21.99	Pass
		HOPP	DH5	1	-1.99	-21.99	Pass
					-1.99	-21.99	Pass
Pi/4DQPSK	SISO	2402	2DH5	1	-2.04	-22.04	Pass
		2441	2DH5	1	-2.04	-22.04	Pass
		2480	2DH5	1	-2.04	-22.04	Pass
		HOPP	2DH5	1	-2.04	-22.04	Pass
					-2.04	-22.04	Pass
8DPSK	SISO	2402	3DH5	1	-2.02	-22.02	Pass
		2441	3DH5	1	-2.02	-22.02	Pass
		2480	3DH5	1	-2.02	-22.02	Pass
		HOPP	3DH5	1	-2.02	-22.02	Pass
					-2.02	-22.02	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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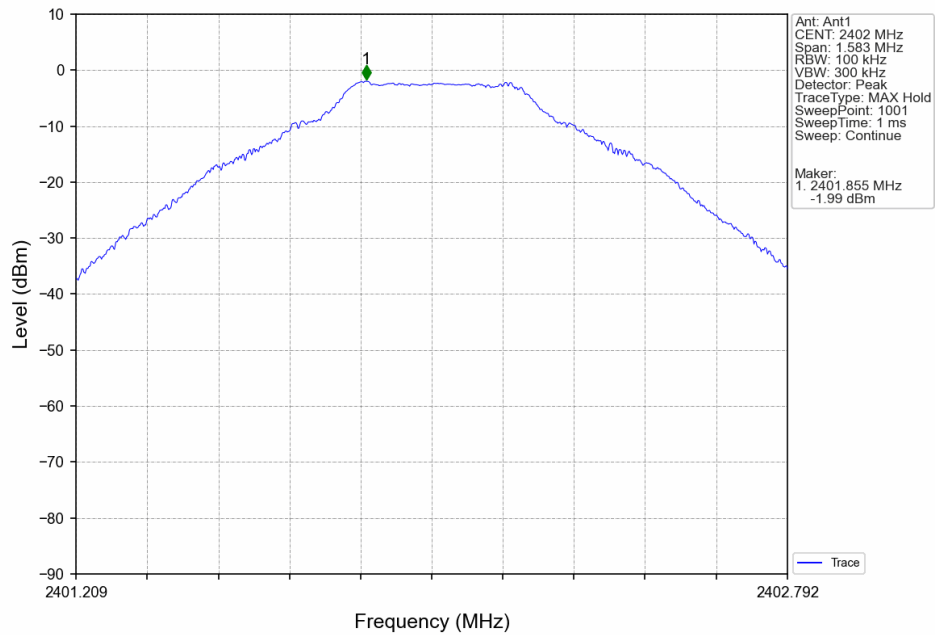
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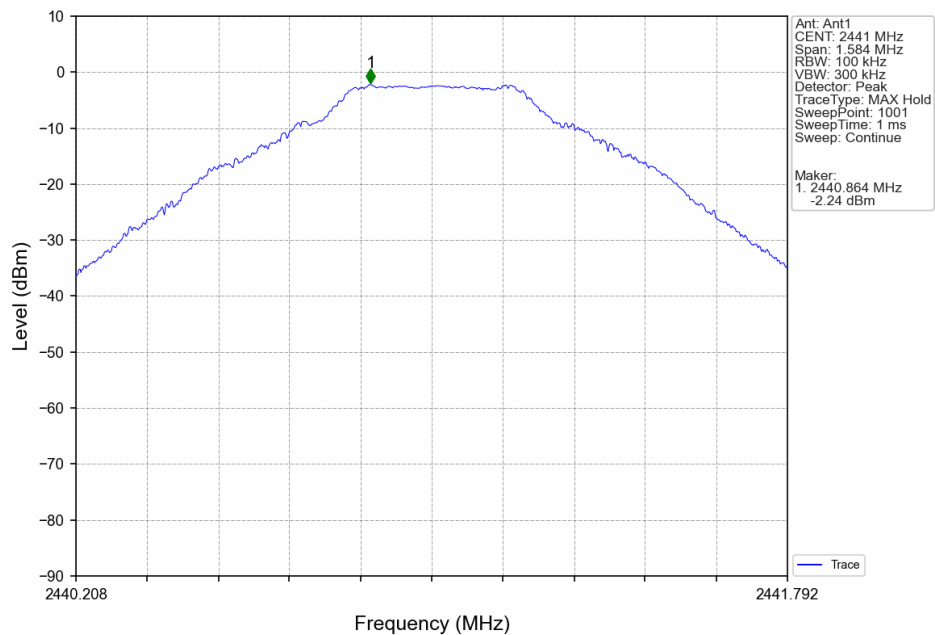
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GFSK_DH5_LCH_2402MHz_Ant1_NTNV



GFSK_DH5_MCH_2441MHz_Ant1_NTNV



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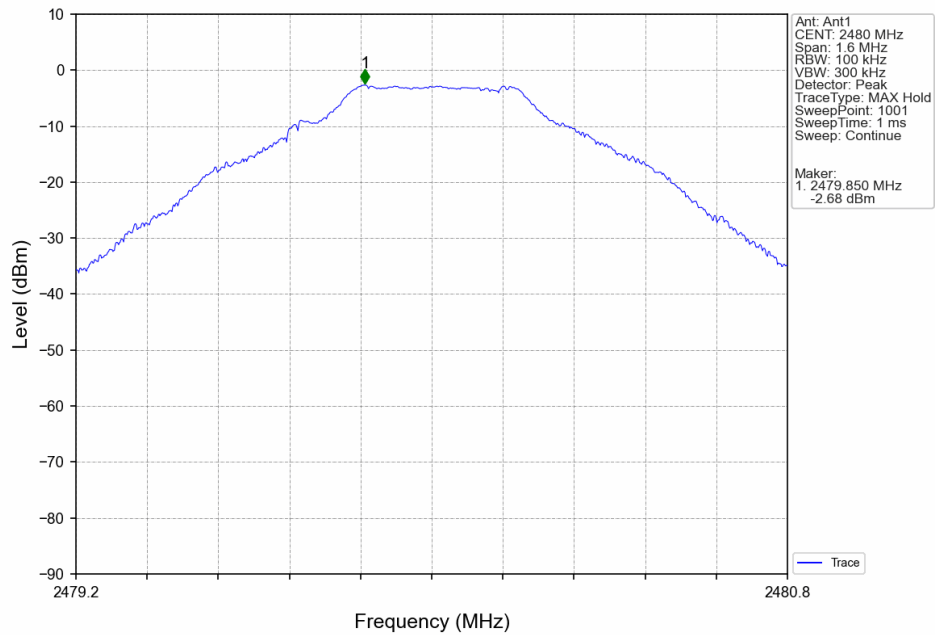
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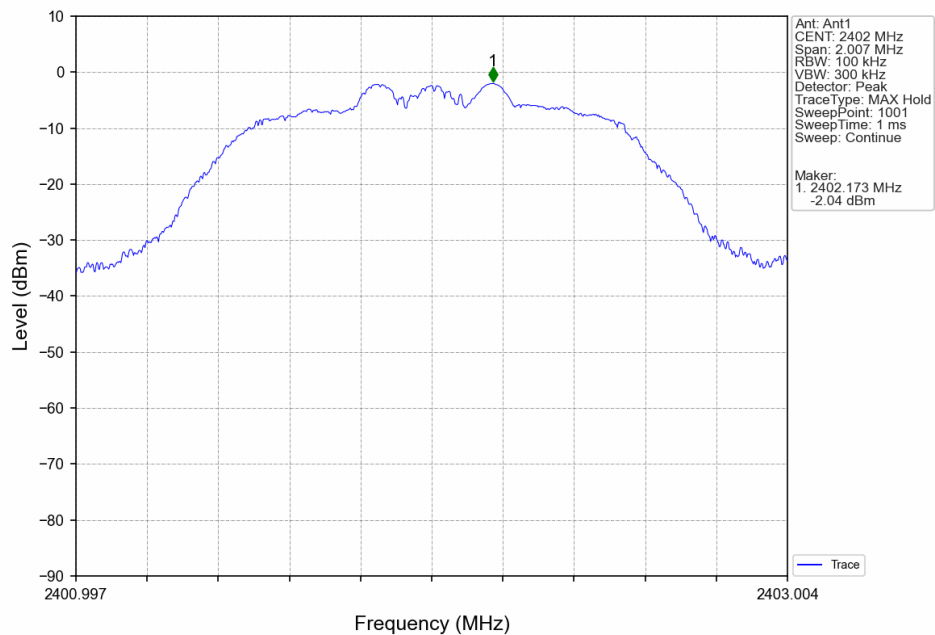
Scan code to check authenticity



GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



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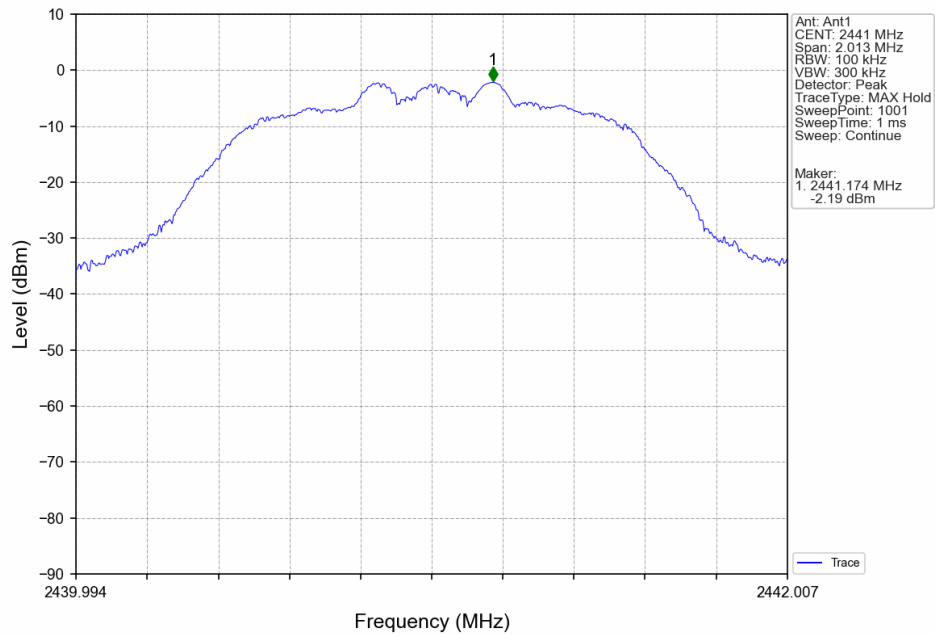
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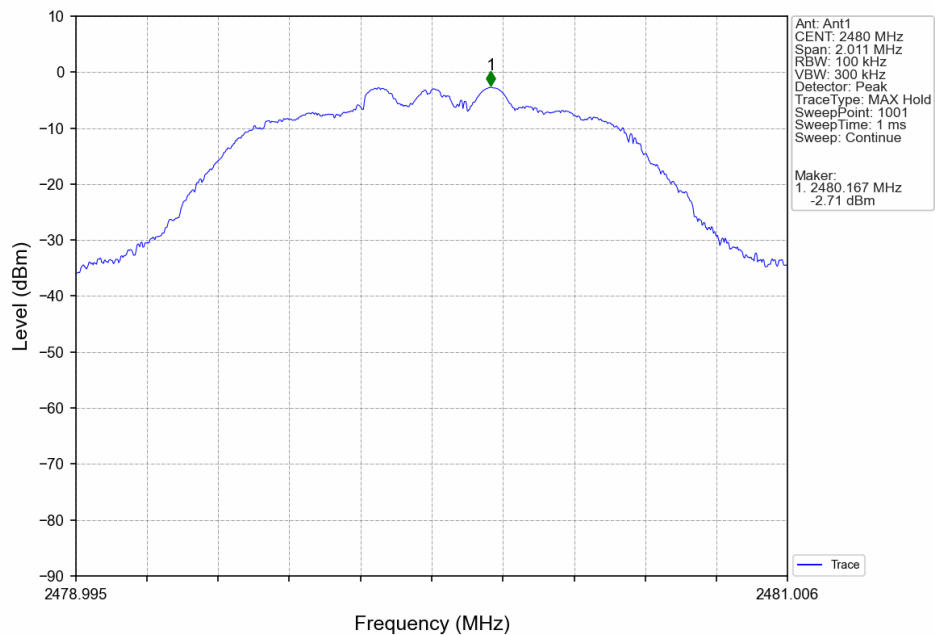
Scan code to check authenticity



Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



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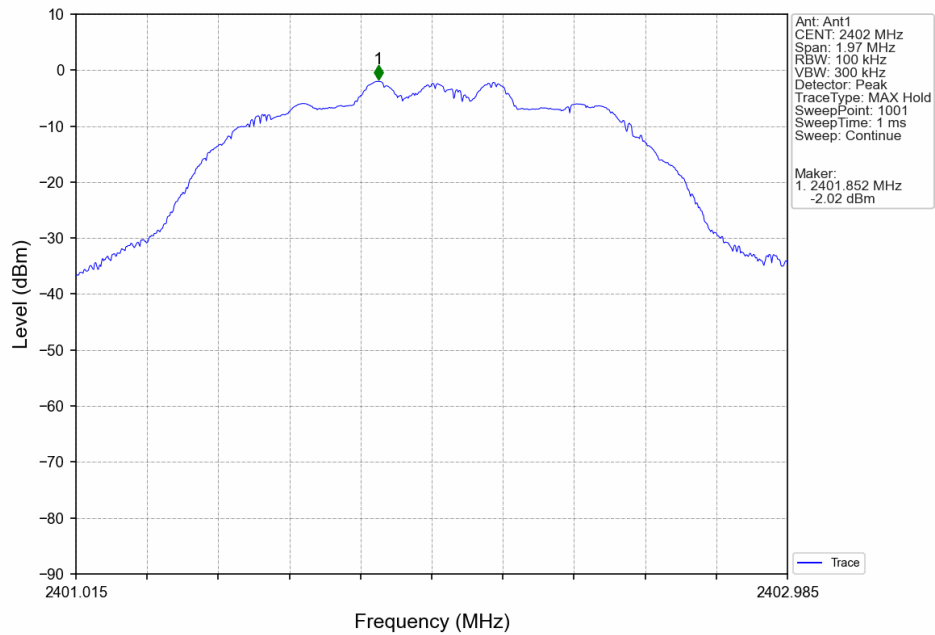
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

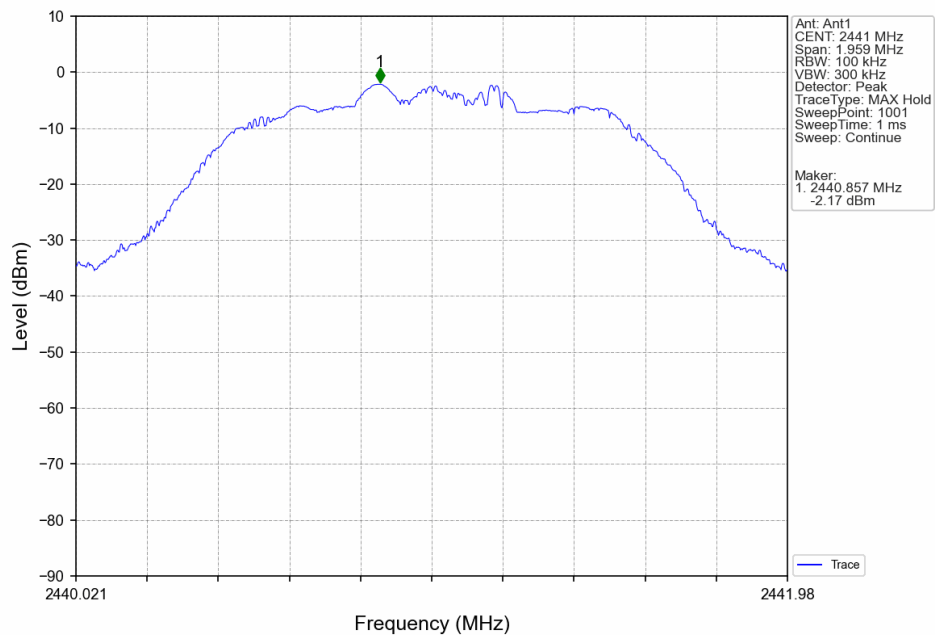
Scan code to check authenticity



8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

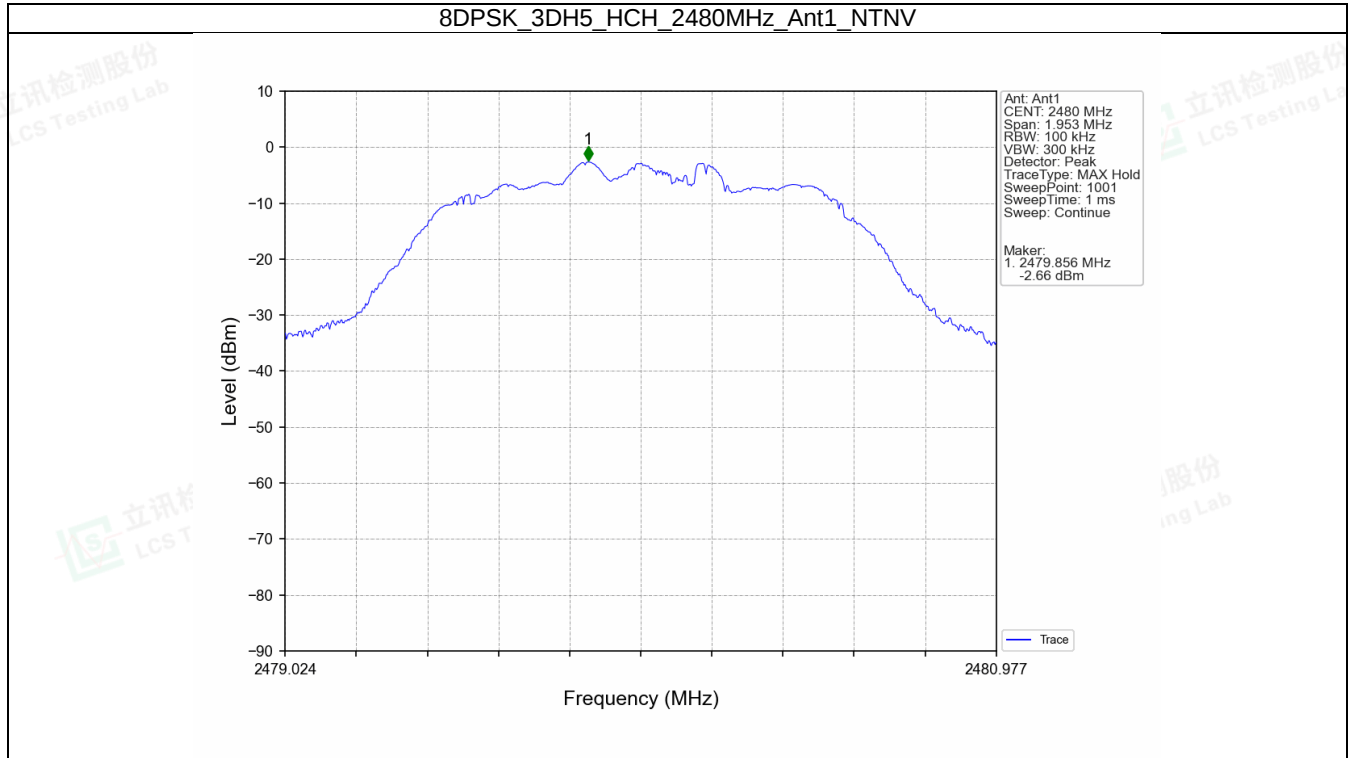


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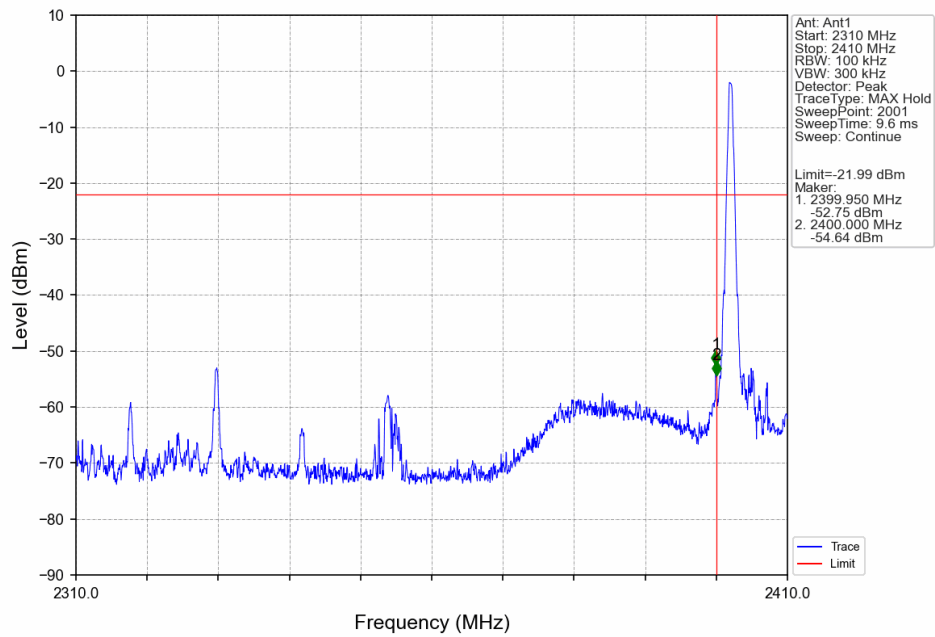
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

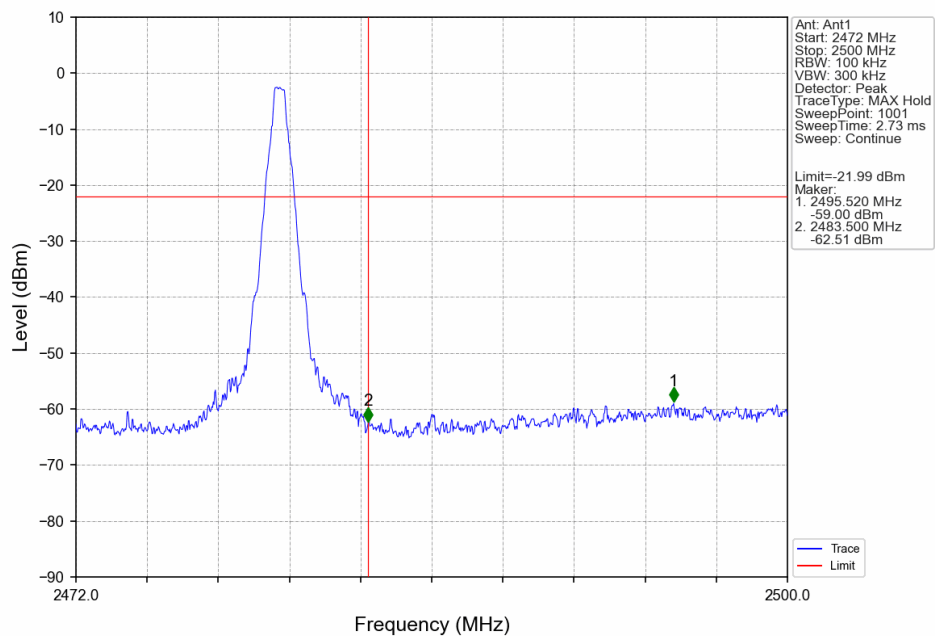
Scan code to check authenticity



GFSK_DH5_LCH_2402MHz_Ant1_NTNV



GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Shenzhen LCS Compliance Testing Laboratory Ltd.

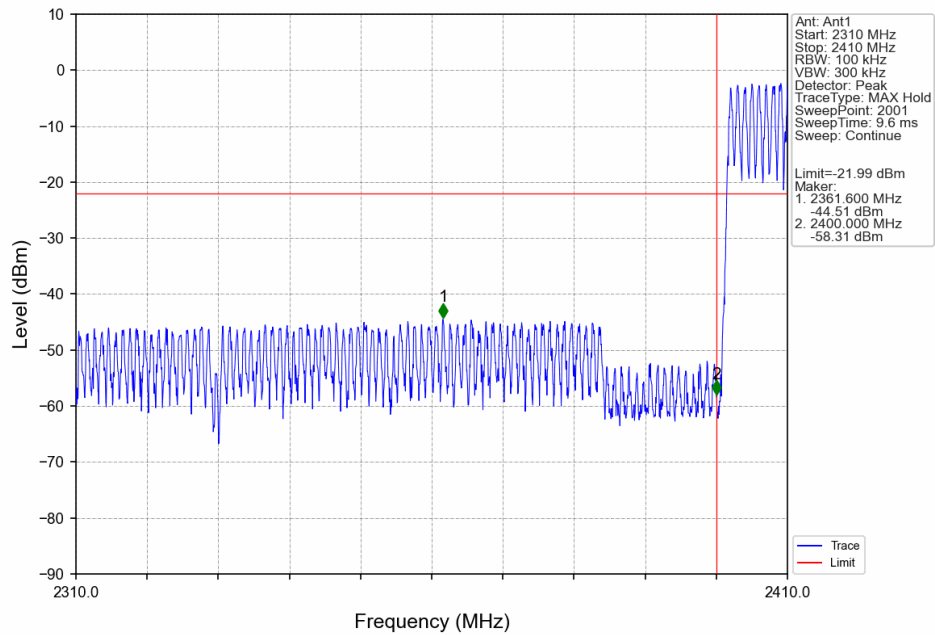
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

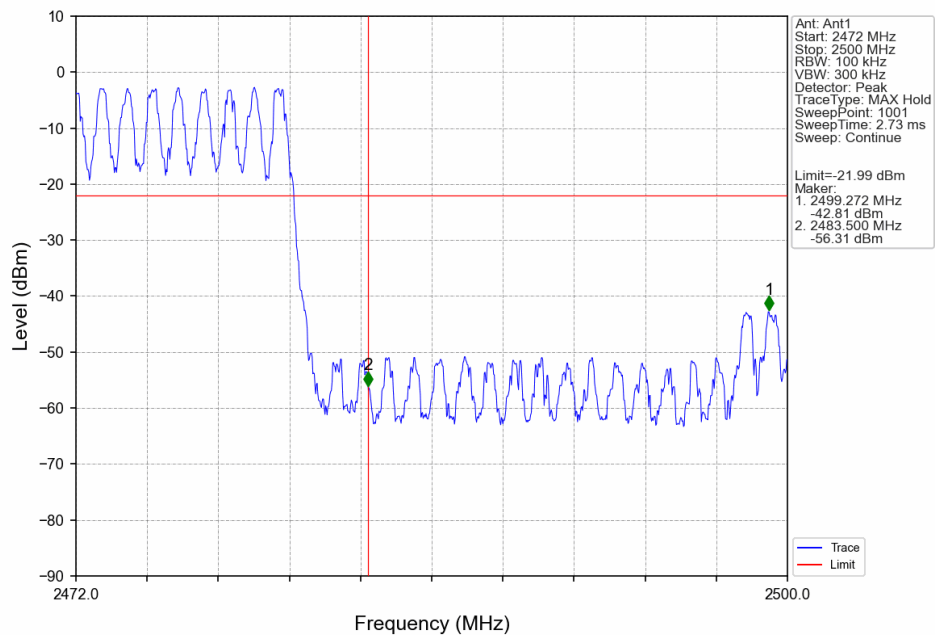
Scan code to check authenticity



GFSK_DH5_HOPP_Ant1_NTNV



GFSK_DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV

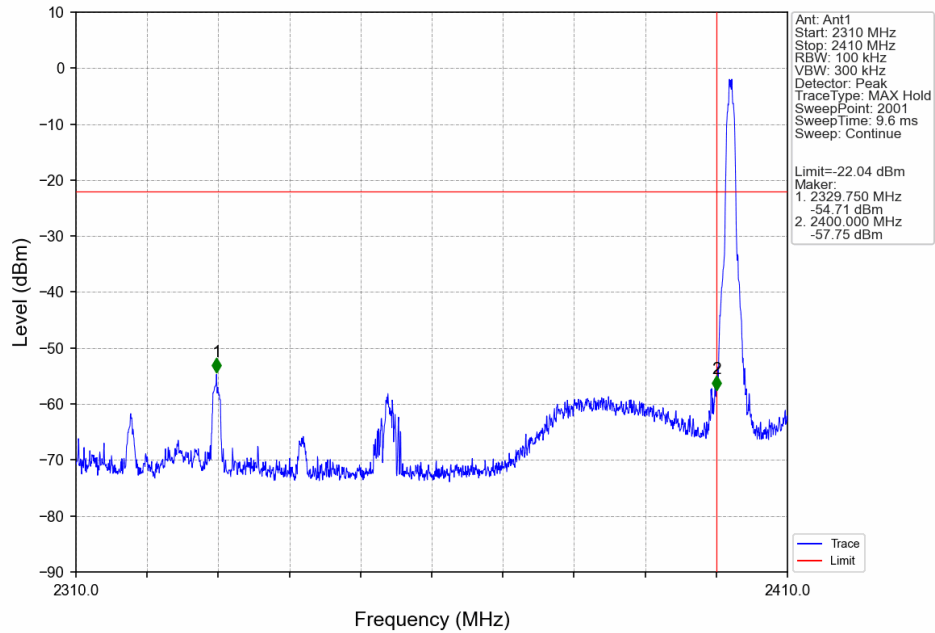


Shenzhen LCS Compliance Testing Laboratory Ltd.

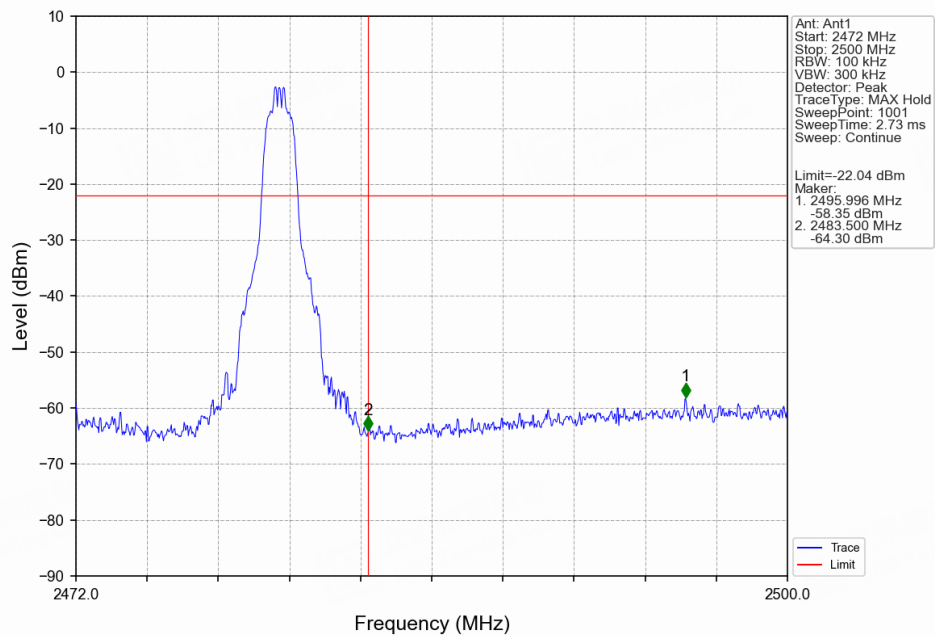
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

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Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



Shenzhen LCS Compliance Testing Laboratory Ltd.

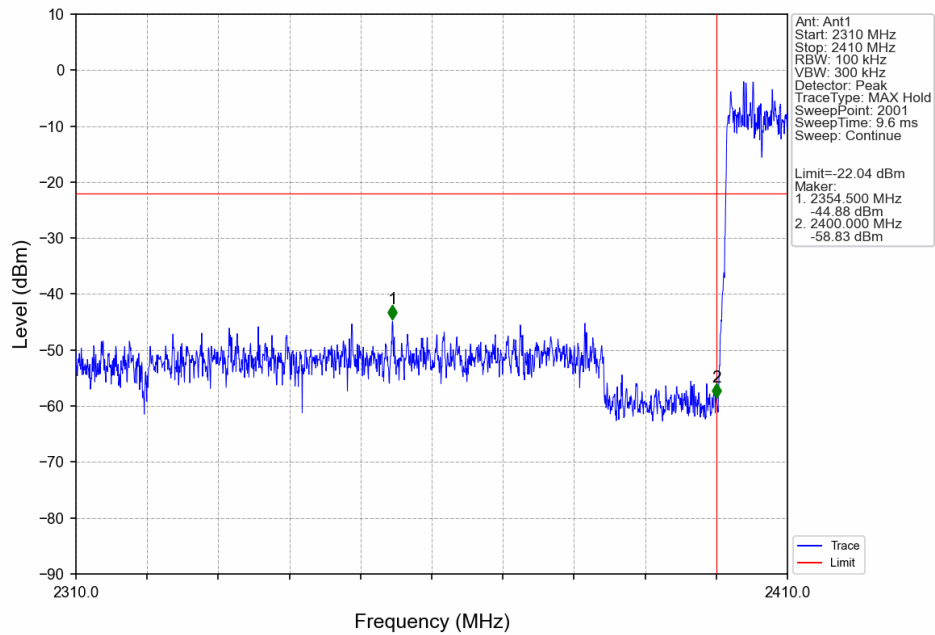
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

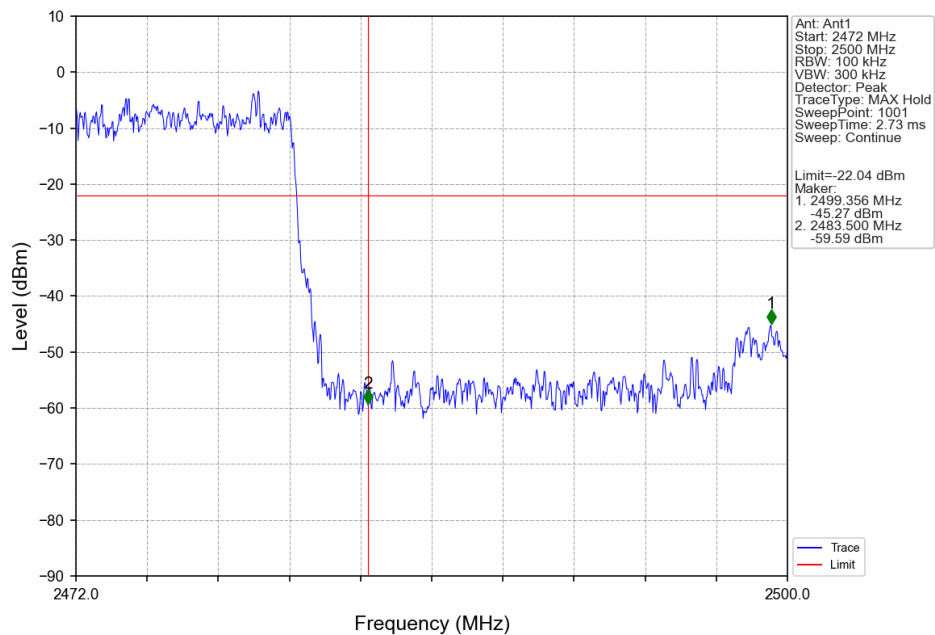
Scan code to check authenticity



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV



Pi/4DQPSK_2DH5_HOPP_Ant1_NTNV

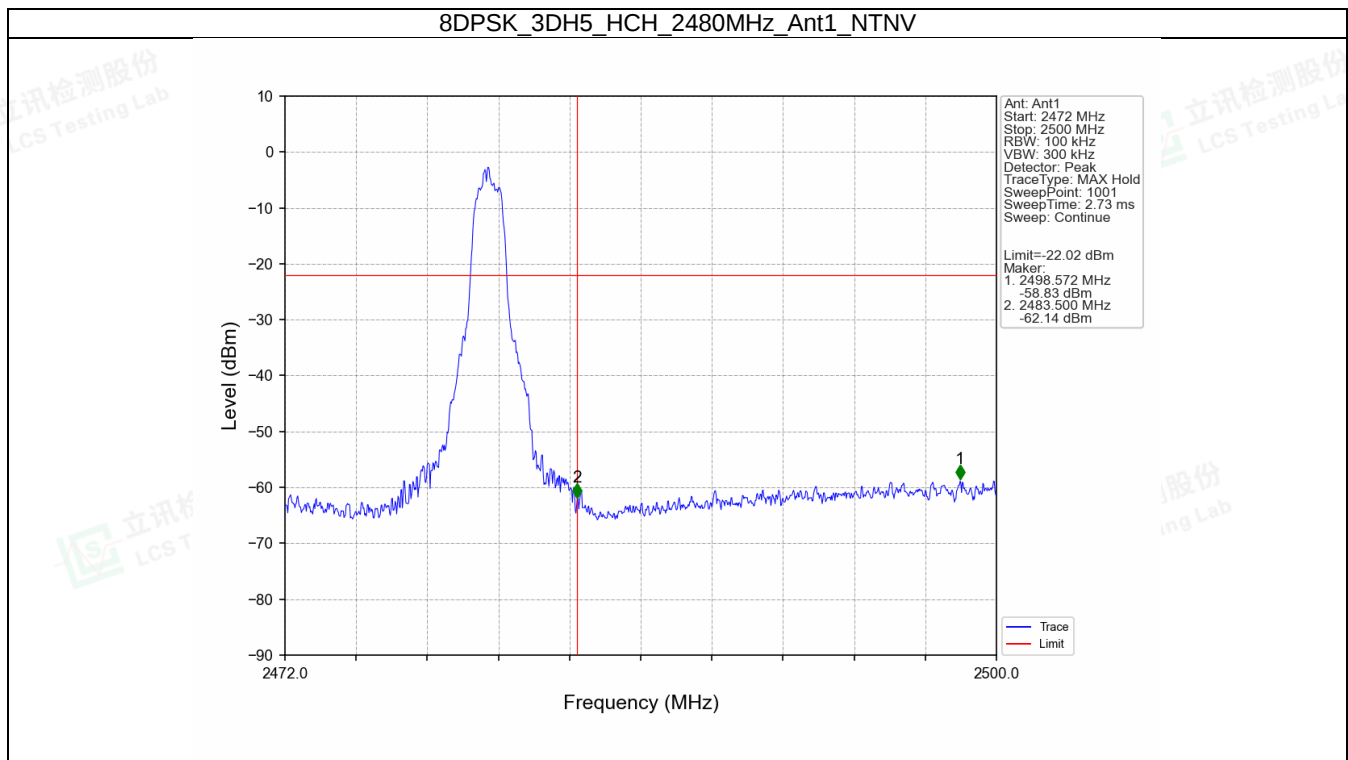
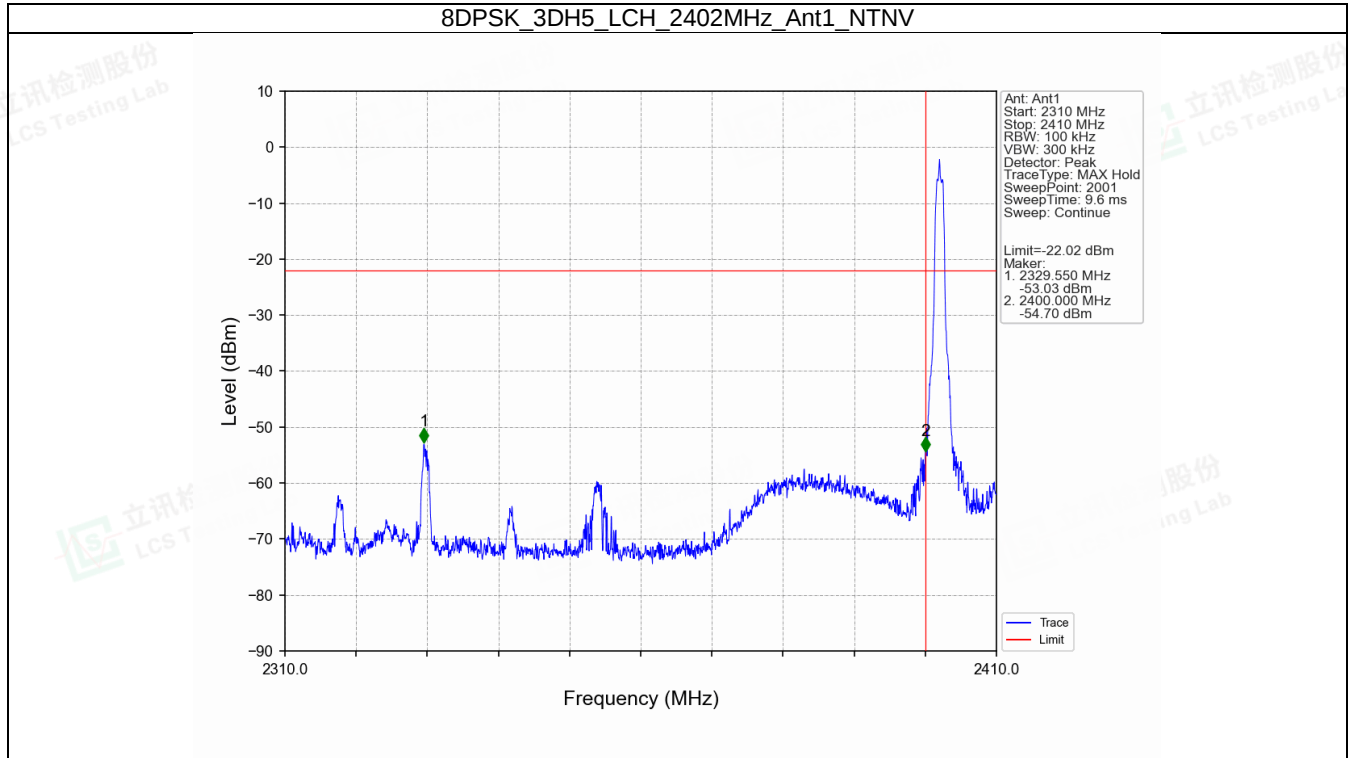


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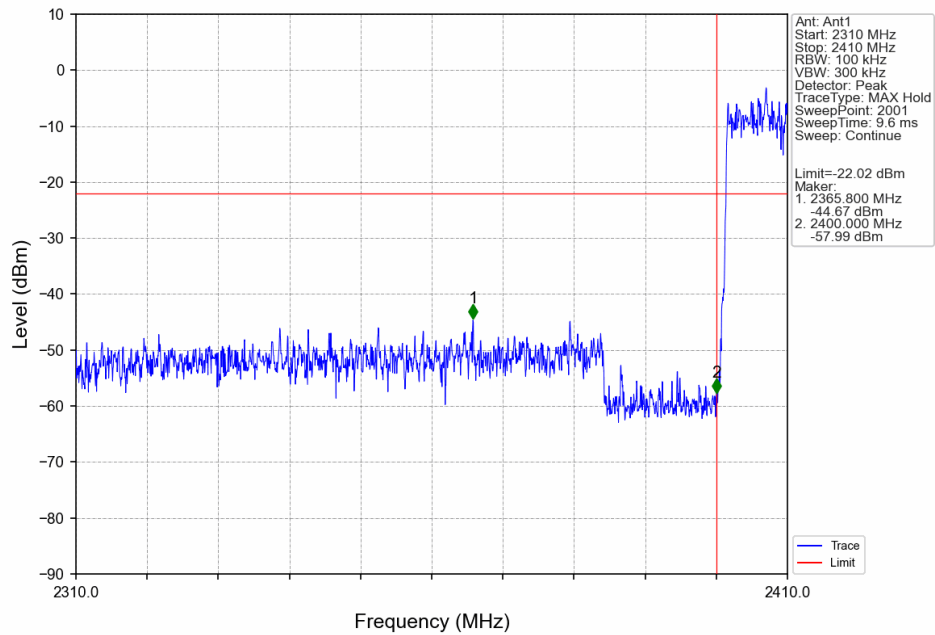
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

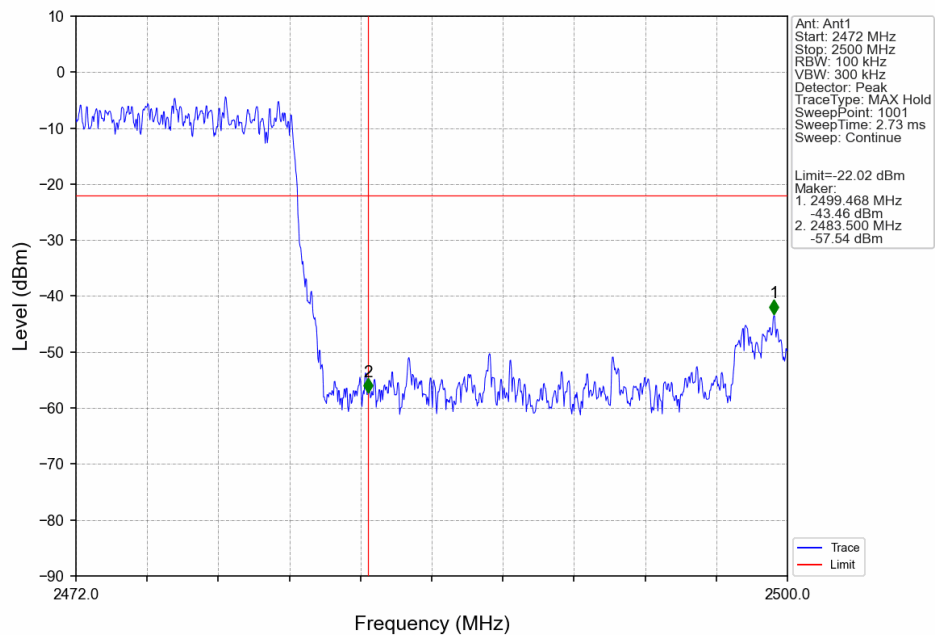
Scan code to check authenticity



8DPSK_3DH5_HOPP_Ant1_NTNV



8DPSK_3DH5_HOPP_Ant1_NTNV



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A.7 Conducted RF Spurious Emission

Mode	TX Type	Frequency (MHz)	Packet Type	ANT	Level of Reference (dBm)
GFSK	SISO	2402	DH5	1	-1.99
		2441	DH5	1	-2.24
		2480	DH5	1	-2.68
Pi/4DQPSK	SISO	2402	2DH5	1	-2.04
		2441	2DH5	1	-2.19
		2480	2DH5	1	-2.71
8DPSK	SISO	2402	3DH5	1	-2.02
		2441	3DH5	1	-2.17
		2480	3DH5	1	-2.66

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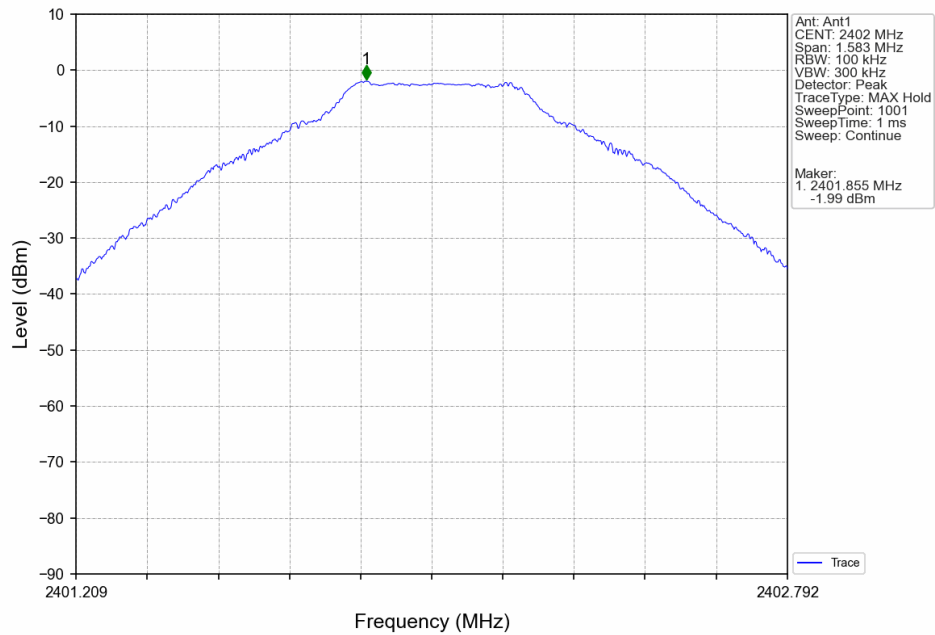
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

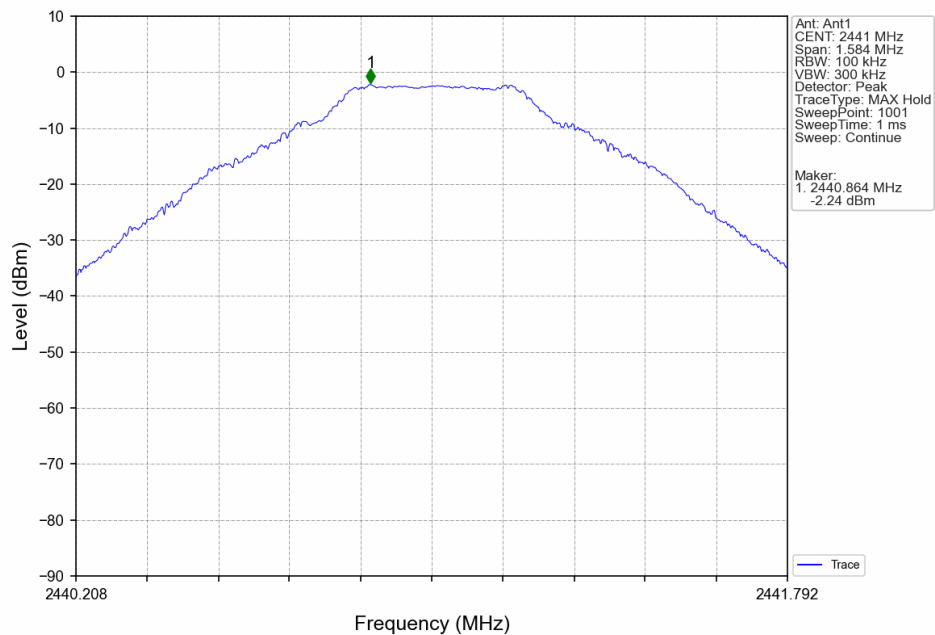
Scan code to check authenticity



GFSK_DH5_LCH_2402MHz_Ant1_NTNV



GFSK_DH5_MCH_2441MHz_Ant1_NTNV



Shenzhen LCS Compliance Testing Laboratory Ltd.

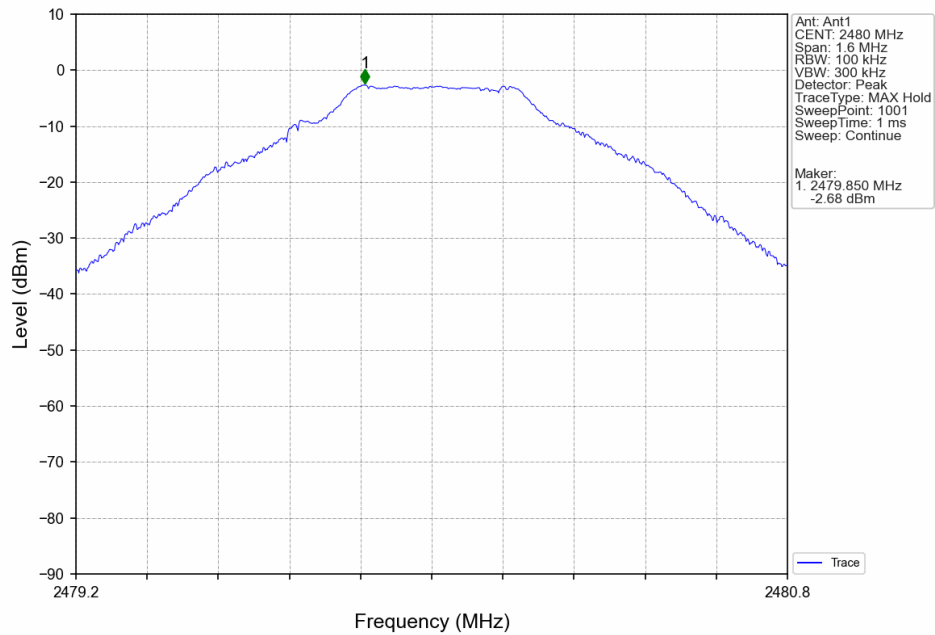
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

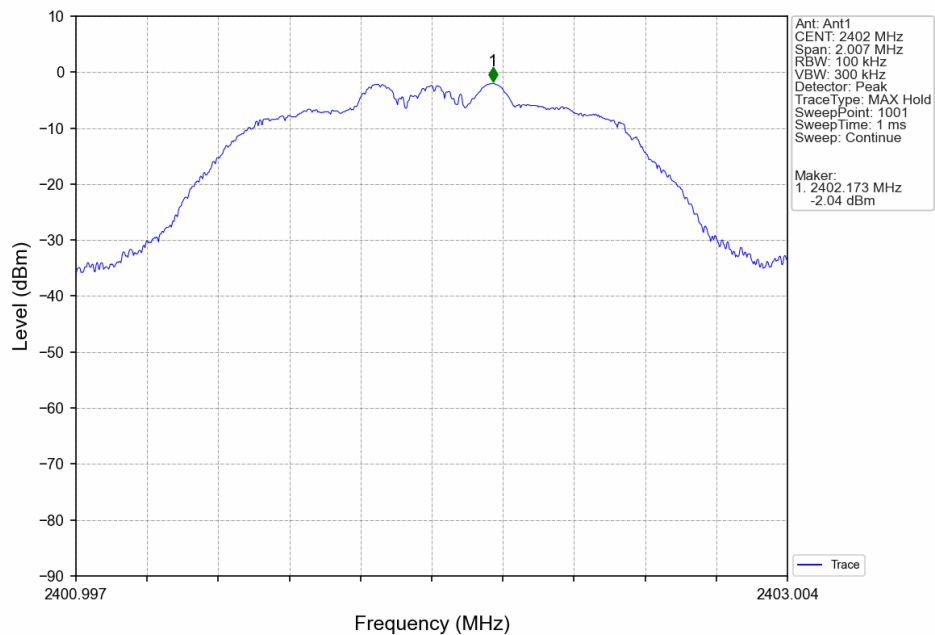
Scan code to check authenticity



GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



Shenzhen LCS Compliance Testing Laboratory Ltd.

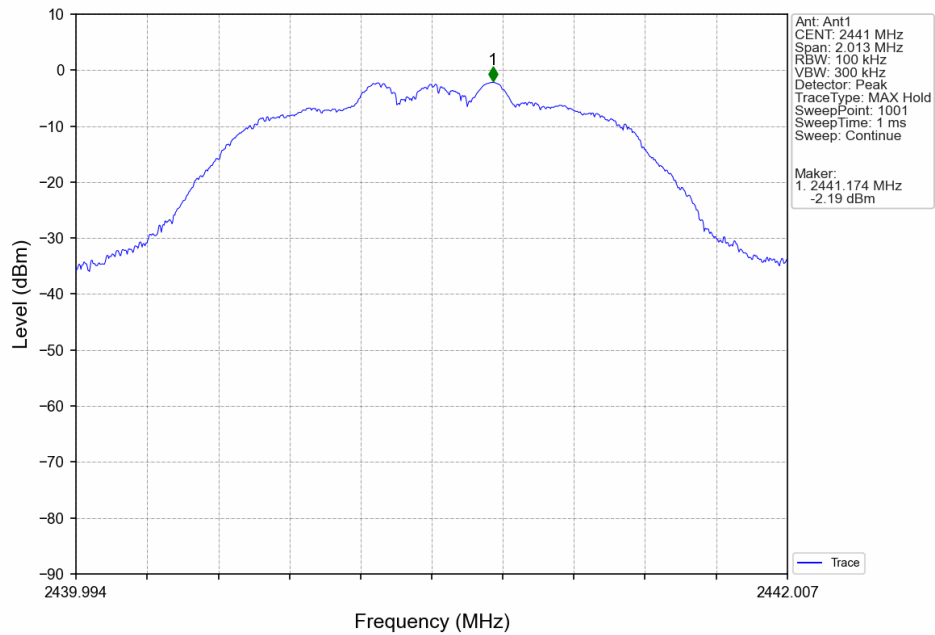
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

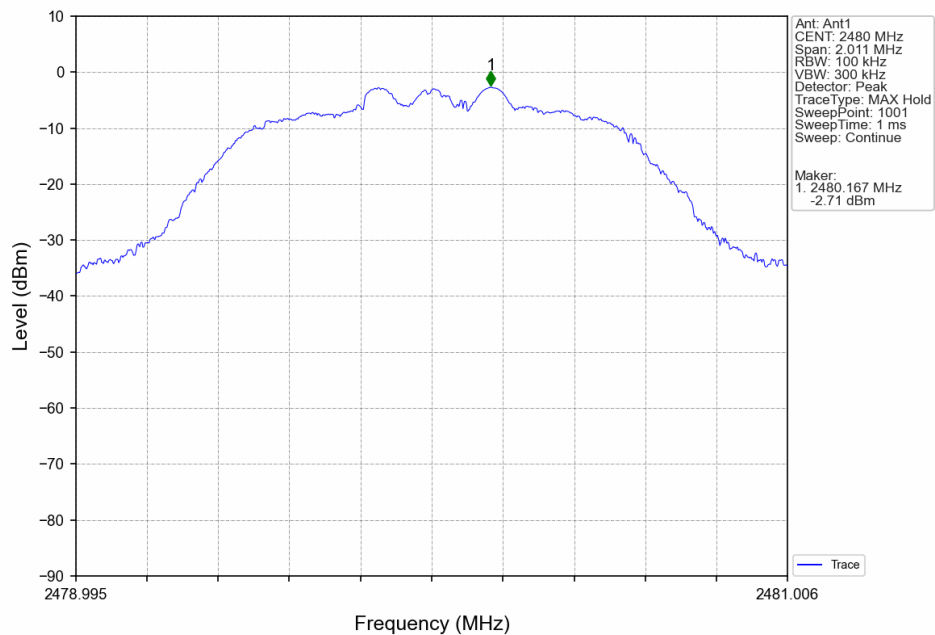
Scan code to check authenticity



Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



Shenzhen LCS Compliance Testing Laboratory Ltd.

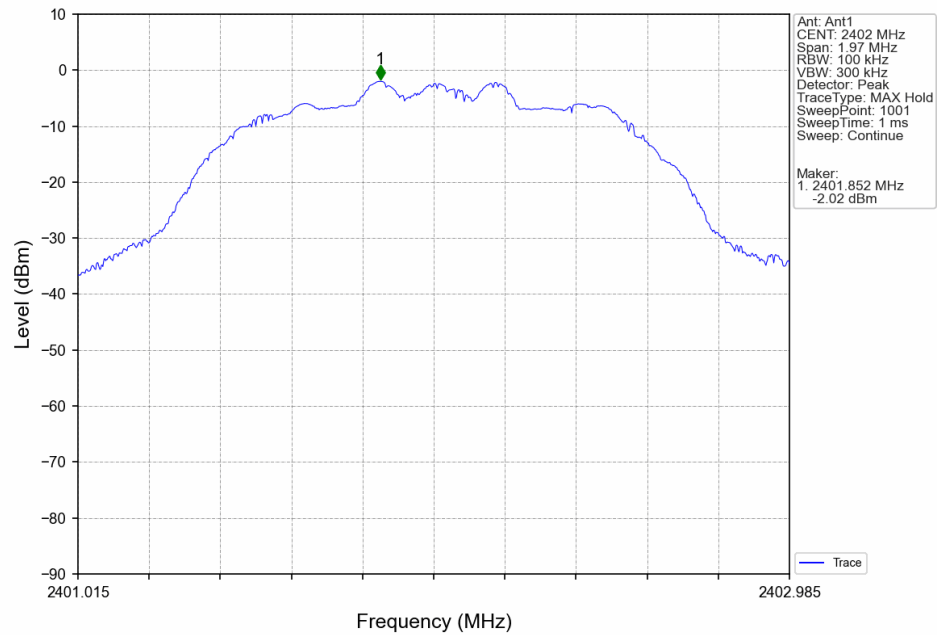
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

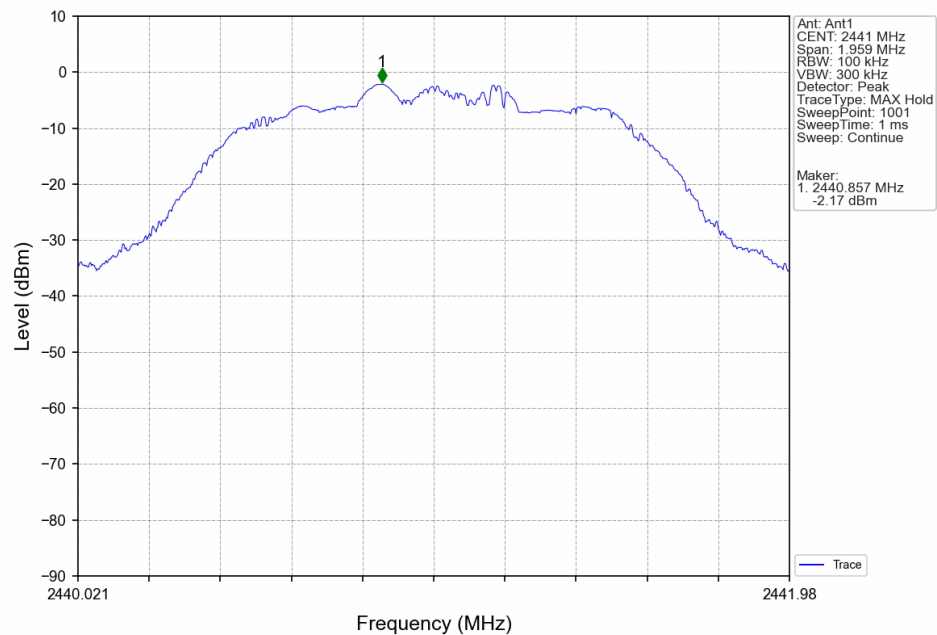
Scan code to check authenticity



8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV

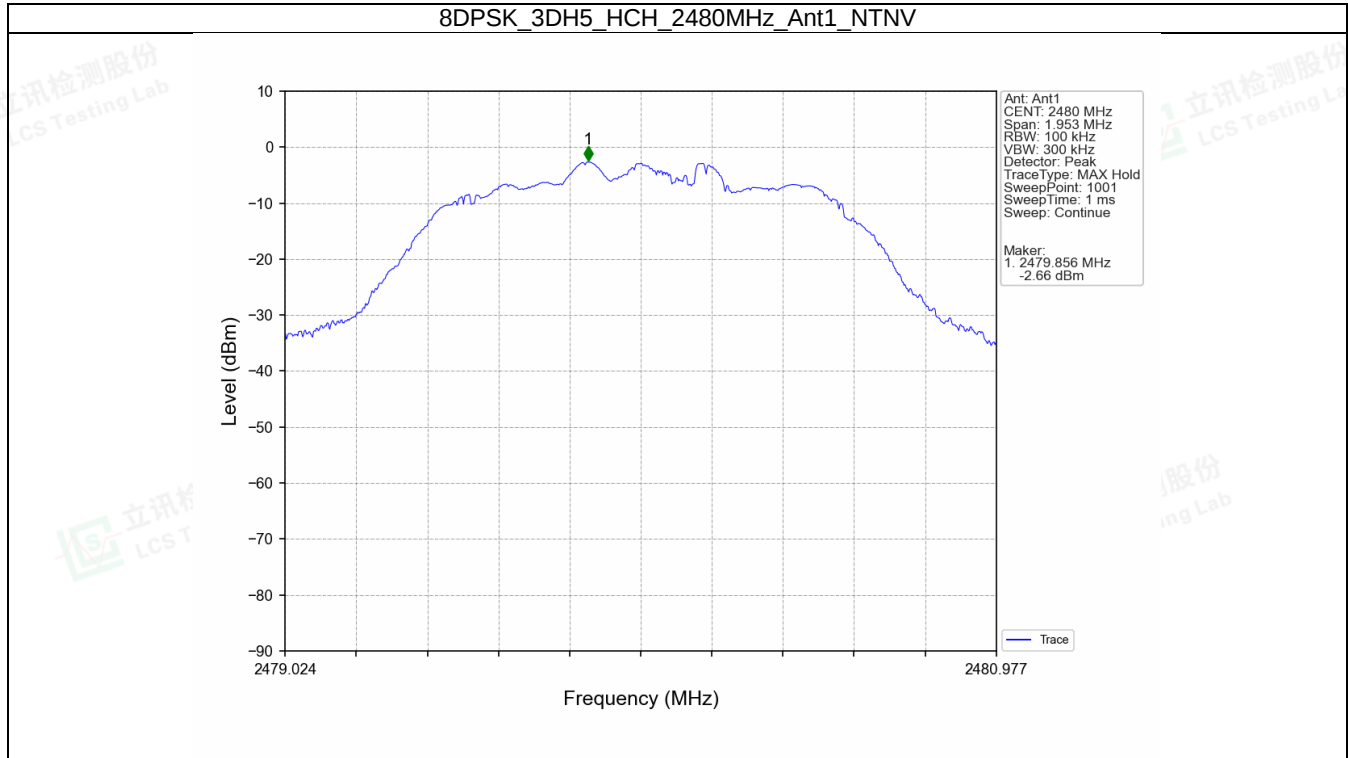


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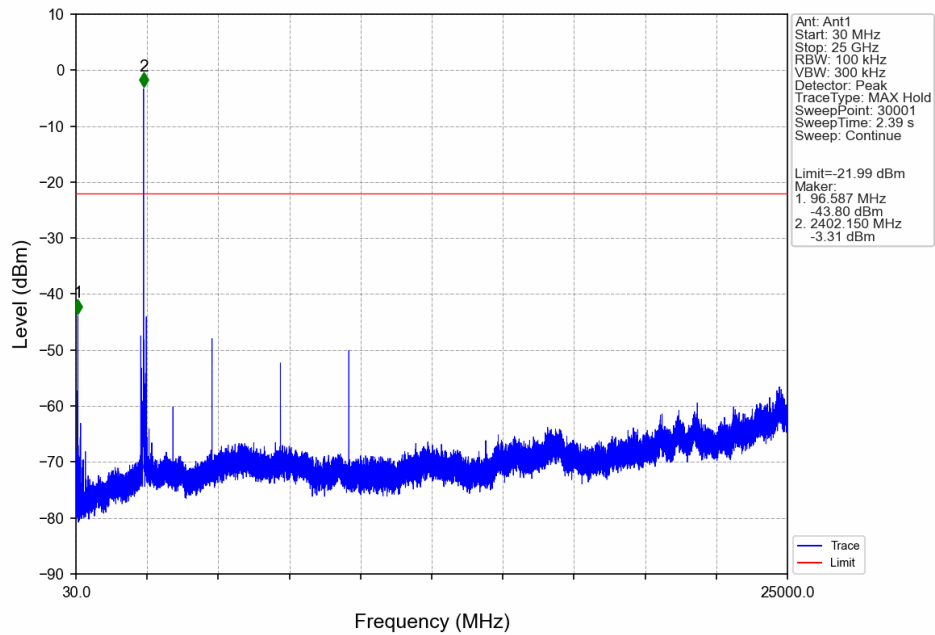
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

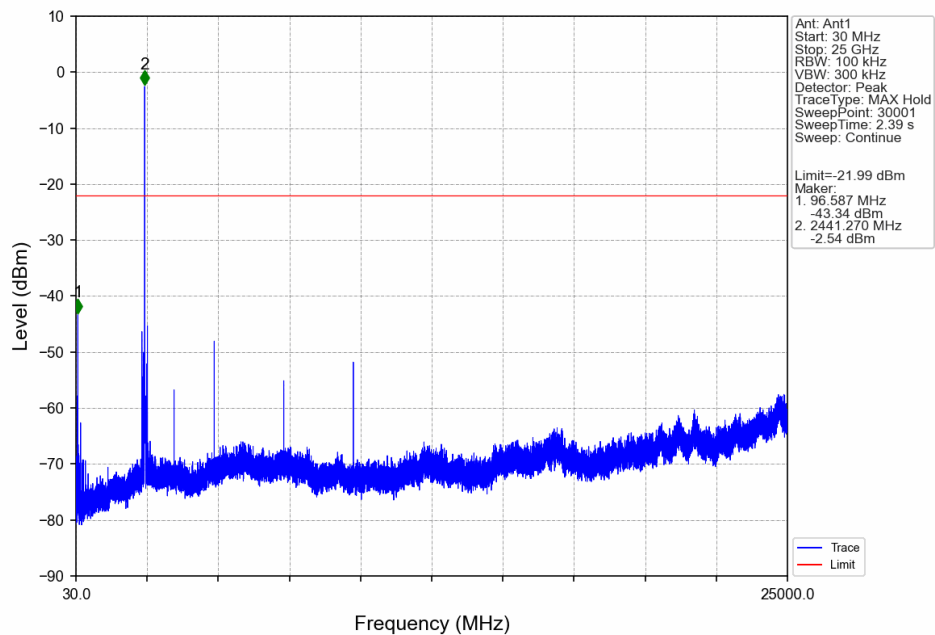
Scan code to check authenticity



GFSK_DH5_LCH_2402MHz_Ant1_NTNV



GFSK_DH5_MCH_2441MHz_Ant1_NTNV



Shenzhen LCS Compliance Testing Laboratory Ltd.

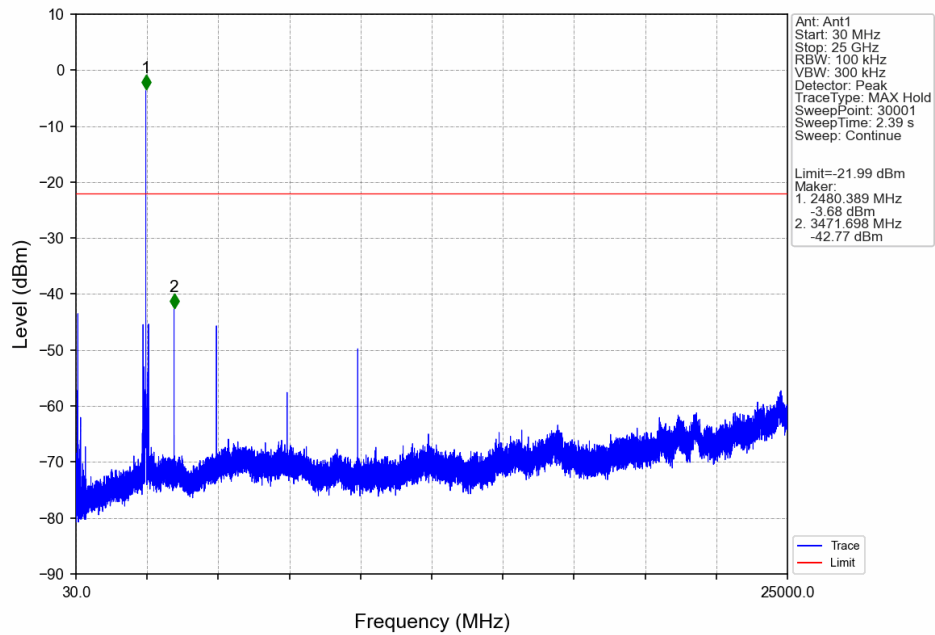
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

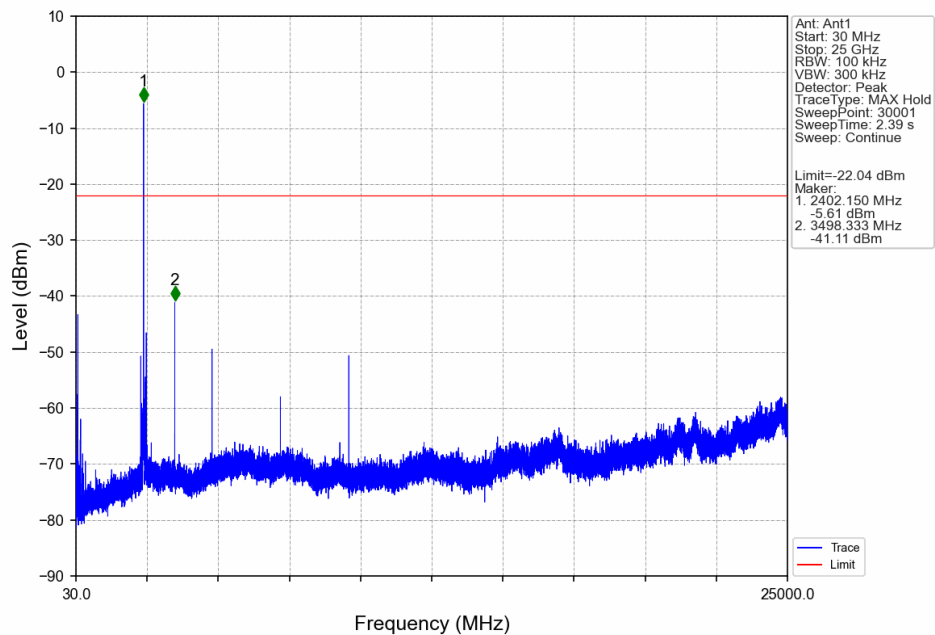
Scan code to check authenticity



GFSK_DH5_HCH_2480MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV

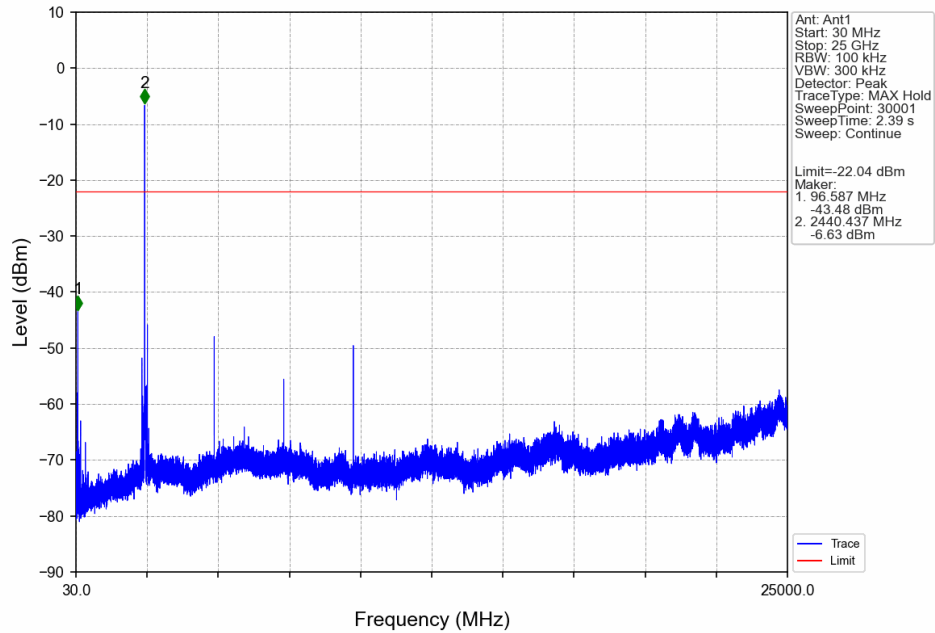


Shenzhen LCS Compliance Testing Laboratory Ltd.

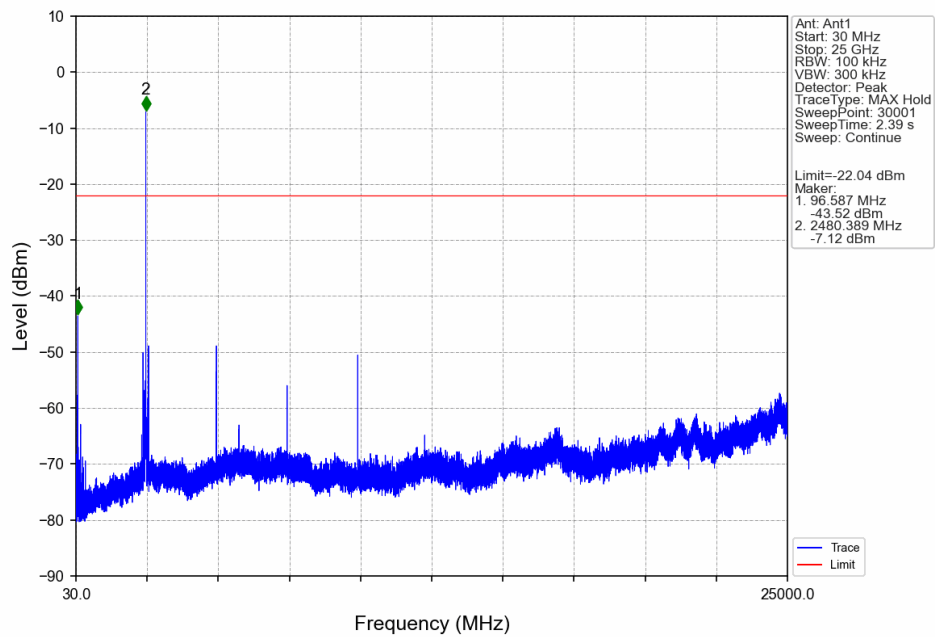
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



Shenzhen LCS Compliance Testing Laboratory Ltd.

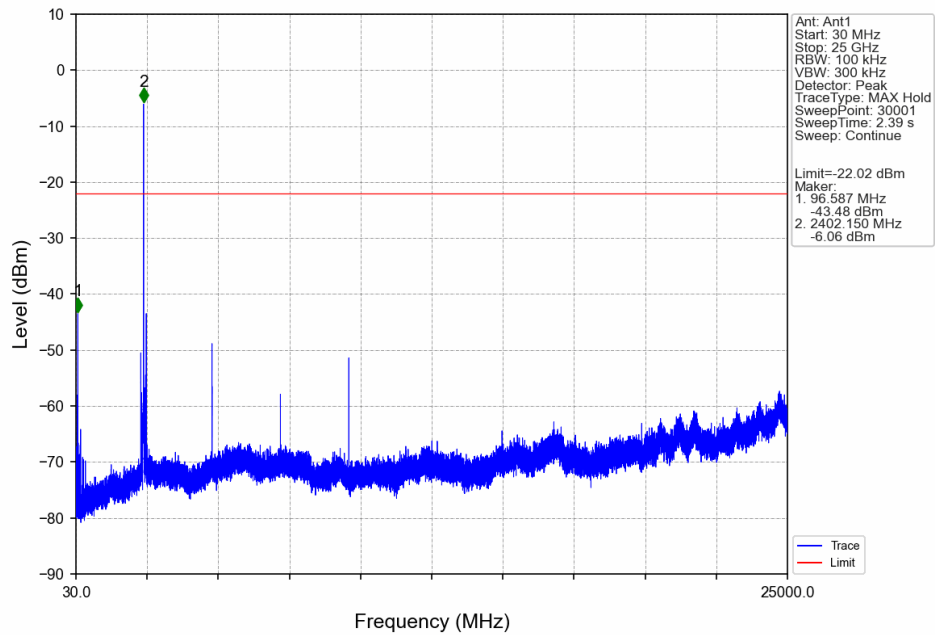
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

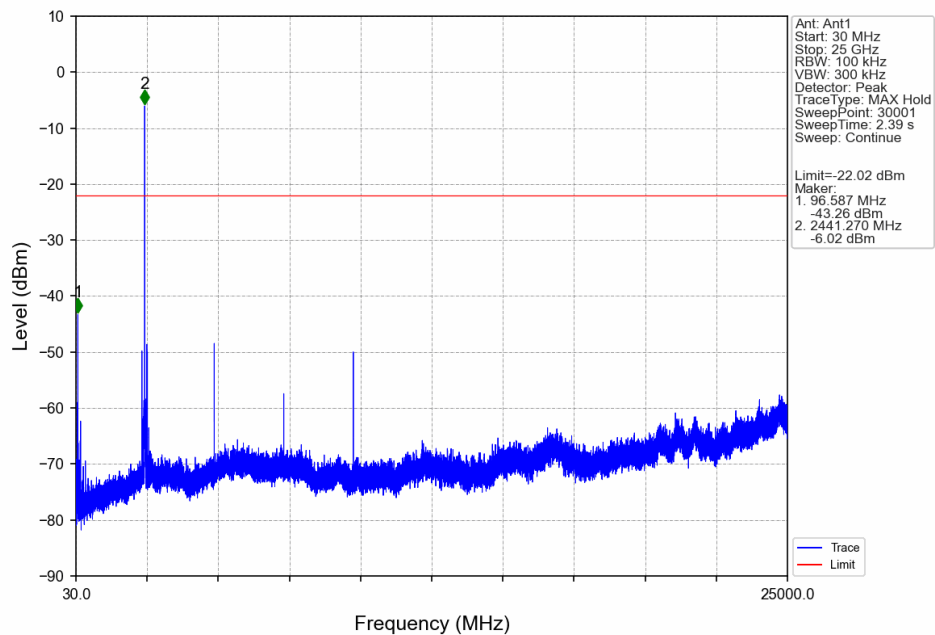
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8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV



8DPSK_3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK_3DH5_HCH_2480MHz_Ant1_NTNV

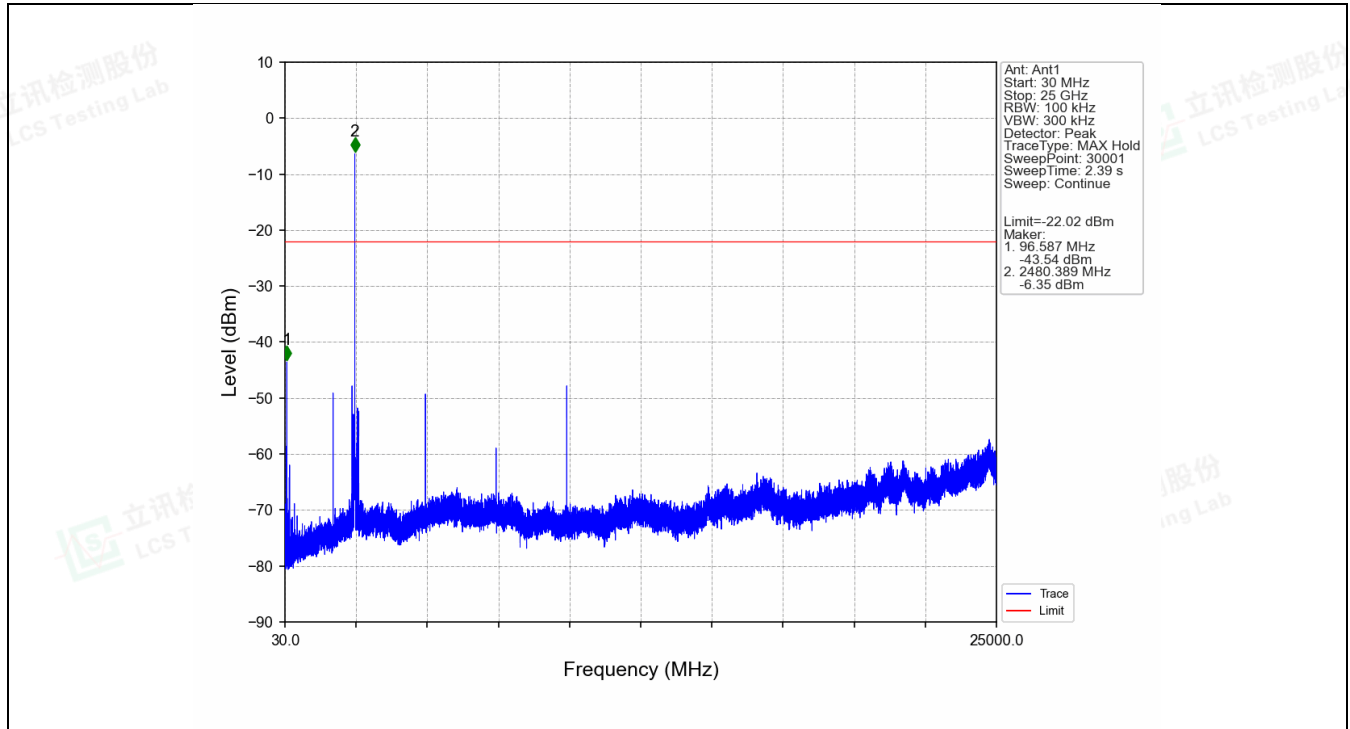


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A.8 Duty Cycle

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	2.880	3.750	76.80	1.15	0.03
		2441	DH5	2.881	3.751	76.81	1.15	0.03
		2480	DH5	2.887	3.751	76.97	1.14	0.03
Pi/4DQPSK	SISO	2402	2DH5	2.885	3.749	76.95	1.14	0.01
		2441	2DH5	2.887	3.750	76.99	1.14	0.03
		2480	2DH5	2.885	3.749	76.95	1.14	0.03
8DPSK	SISO	2402	3DH5	2.888	3.751	76.99	1.14	0.03
		2441	3DH5	2.888	3.751	76.99	1.14	0.04
		2480	3DH5	2.888	3.751	76.99	1.14	0.03



Shenzhen LCS Compliance Testing Laboratory Ltd.

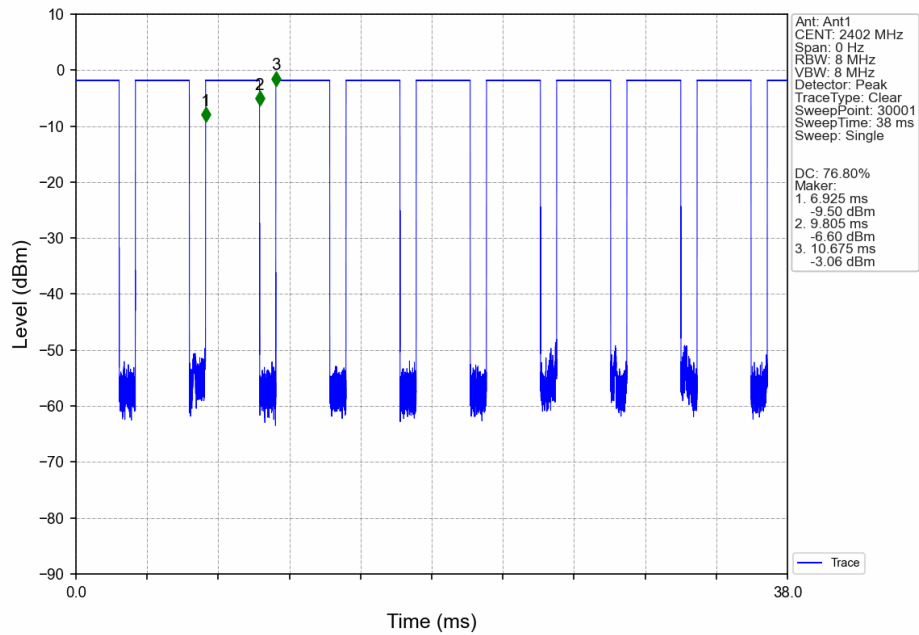
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

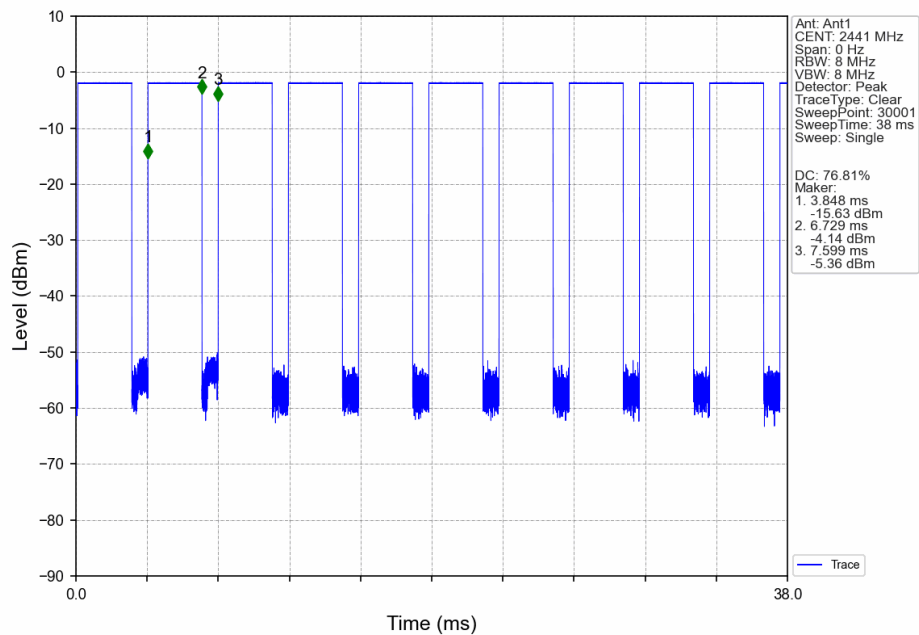
Scan code to check authenticity



GFSK_DH5_LCH_2402MHz_Ant1_NTNV



GFSK_DH5_MCH_2441MHz_Ant1_NTNV



GFSK_DH5_HCH_2480MHz_Ant1_NTNV

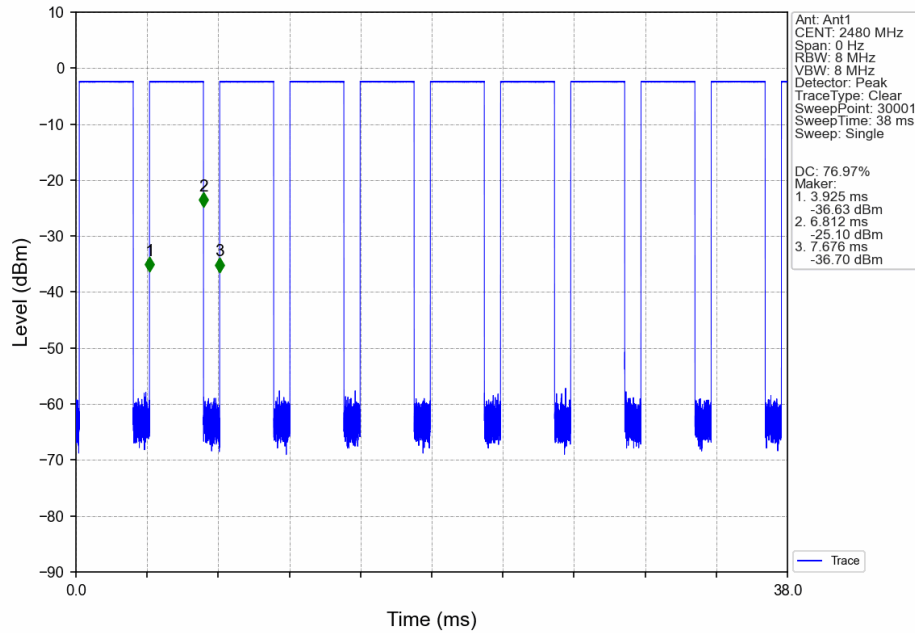


Shenzhen LCS Compliance Testing Laboratory Ltd.

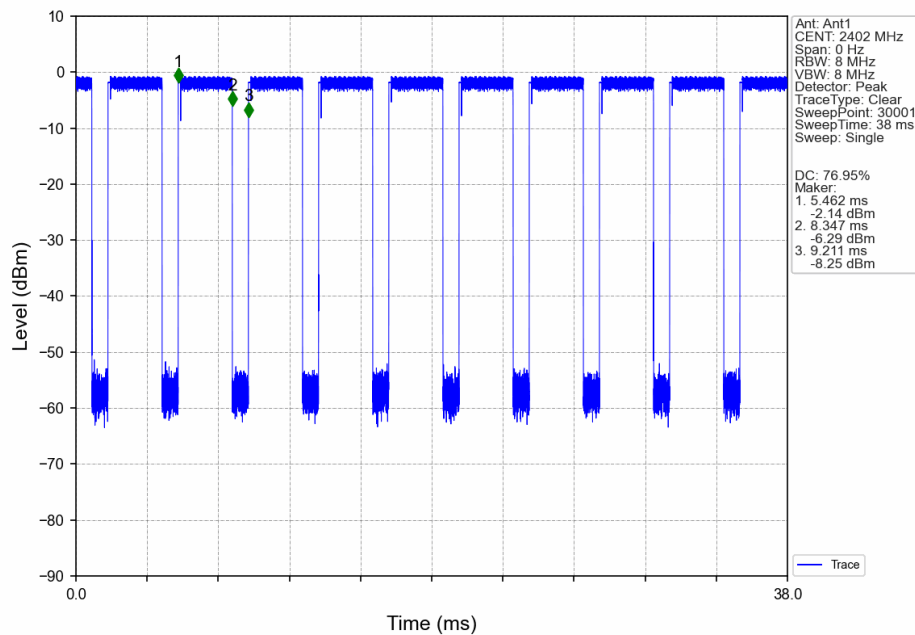
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

Scan code to check authenticity



Pi/4DQPSK_2DH5_LCH_2402MHz_Ant1_NTNV



Pi/4DQPSK_2DH5_MCH_2441MHz_Ant1_NTNV

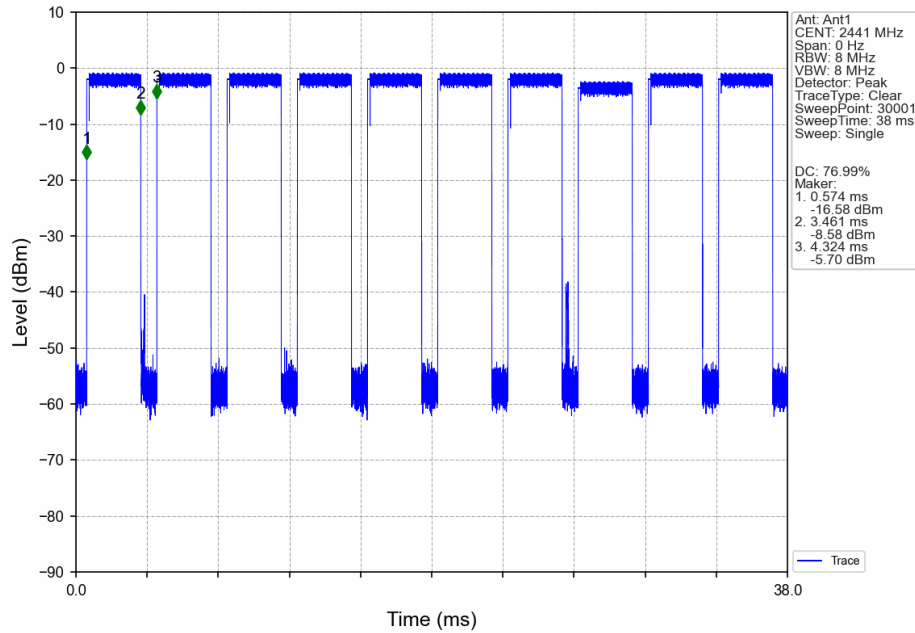


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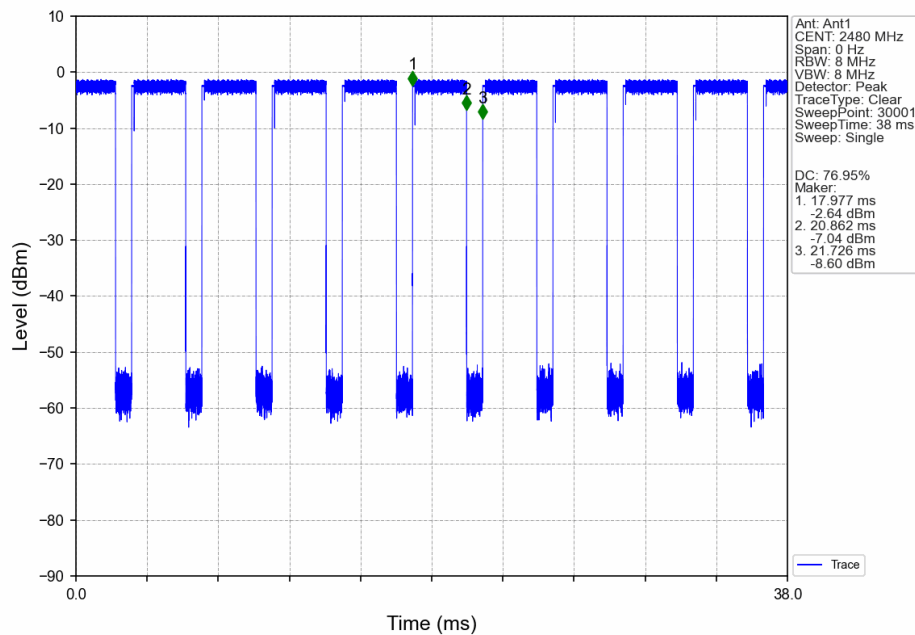
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Pi/4DQPSK_2DH5_HCH_2480MHz_Ant1_NTNV



8DPSK_3DH5_LCH_2402MHz_Ant1_NTNV

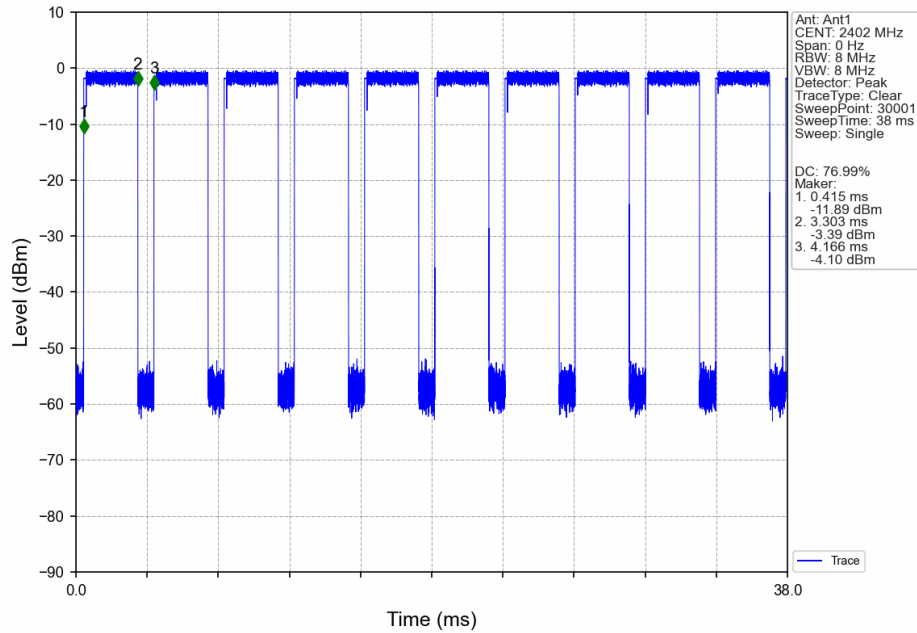


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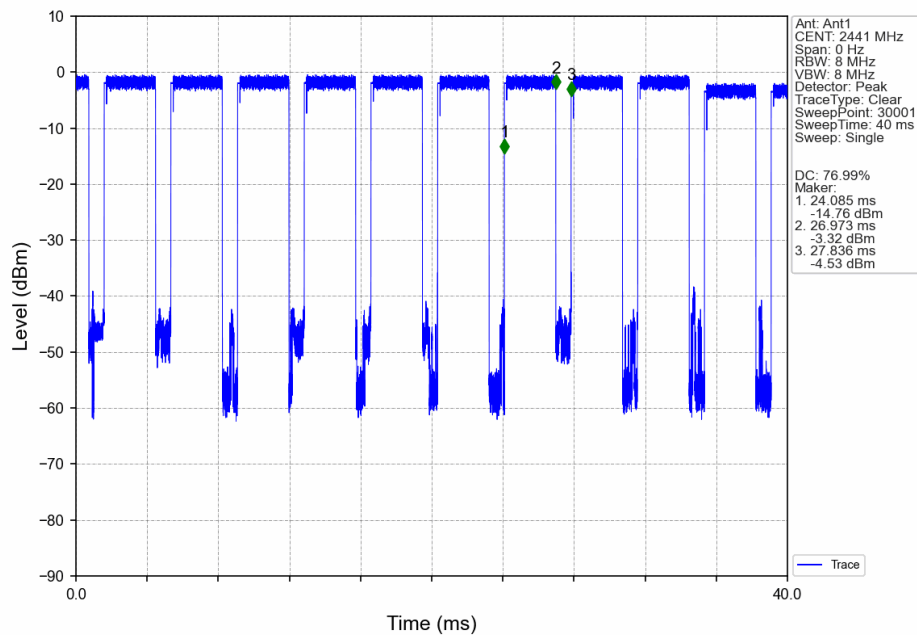
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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8DPSK 3DH5_MCH_2441MHz_Ant1_NTNV



8DPSK 3DH5_HCH_2480MHz_Ant1_NTNV

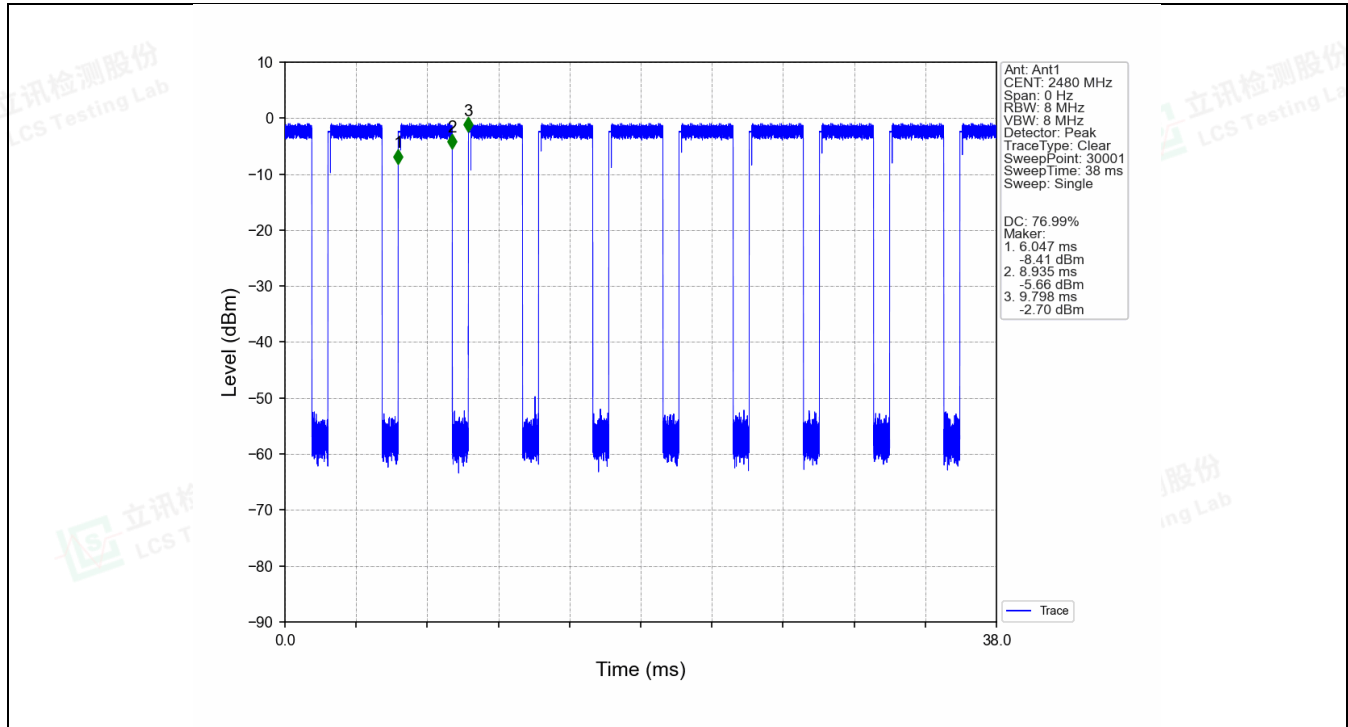


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A.9 Restrict Band

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	-50.61	2	-	46.65	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-58.95	2	1.15	39.46	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2364.24	-47.3	2	-	49.96	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2387.856	-57.89	2	1.15	40.52	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.63	2	-	46.63	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-59.01	2	1.15	39.40	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-51.04	2	-	46.22	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-57.98	2	1.14	40.42	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.256	-44.52	2	-	52.74	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.784	-57.32	2	1.14	41.08	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-50.06	2	-	47.20	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-58.35	2	1.14	40.05	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.18	2	-	47.08	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-59.01	2	1.14	39.39	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2383.44	-46.17	2	-	51.09	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2360.784	-57.78	2	1.14	40.62	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-51.66	2	-	45.60	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-58.76	2	1.14	39.64	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-50.54	2	-	46.72	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.23	2	1.14	41.17	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2499.112	-47.47	2	-	49.79	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.608	-57.21	2	1.14	41.19	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-49.38	2	-	47.88	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-58.34	2	1.14	40.06	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-49.43	2	-	47.83	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.94	2	1.14	39.46	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2381.616	-46.69	2	-	50.57	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2384.496	-57.6	2	1.14	40.80	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-50.96	2	-	46.30	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.7	2	1.14	39.70	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-48.69	2	-	48.57	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.93	2	1.14	40.47	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2484.112	-47.06	2	-	50.20	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.536	-56.99	2	1.14	41.41	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-49.39	2	-	47.87	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.88	2	1.14	40.52	Average	54	Pass

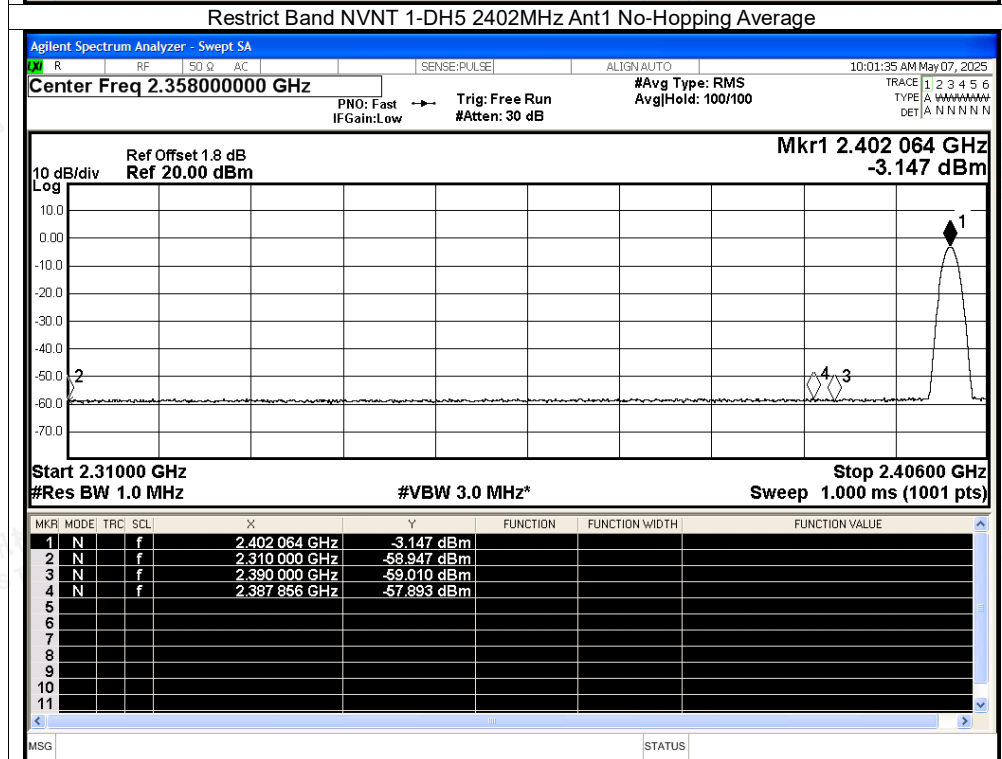
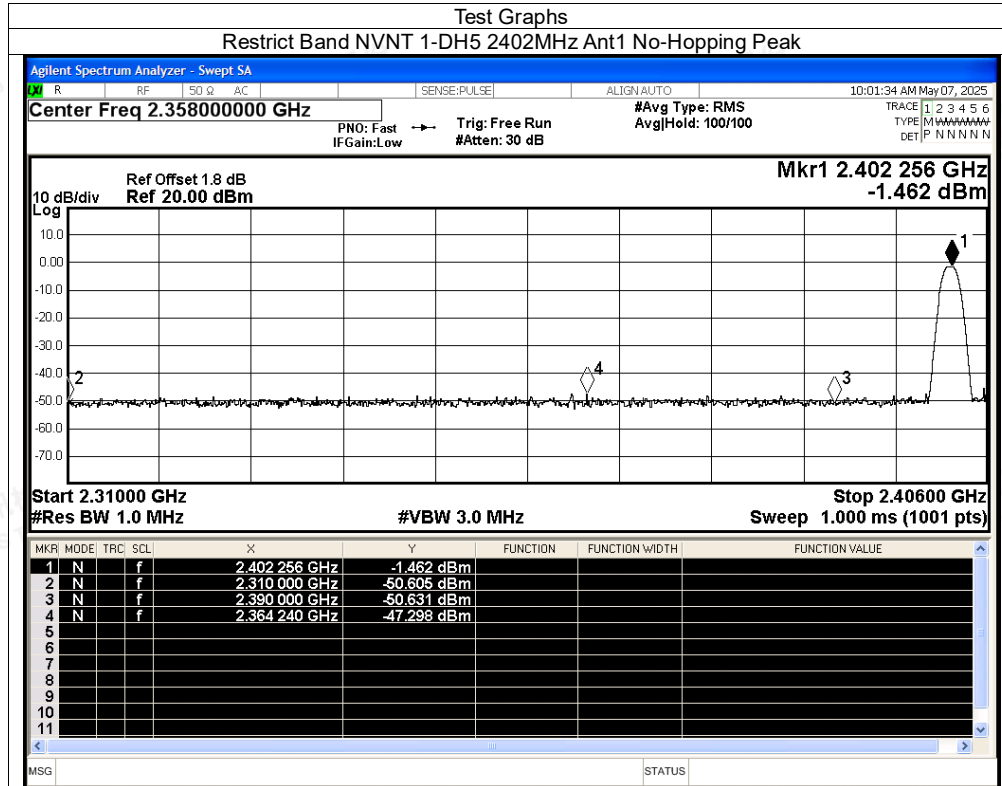


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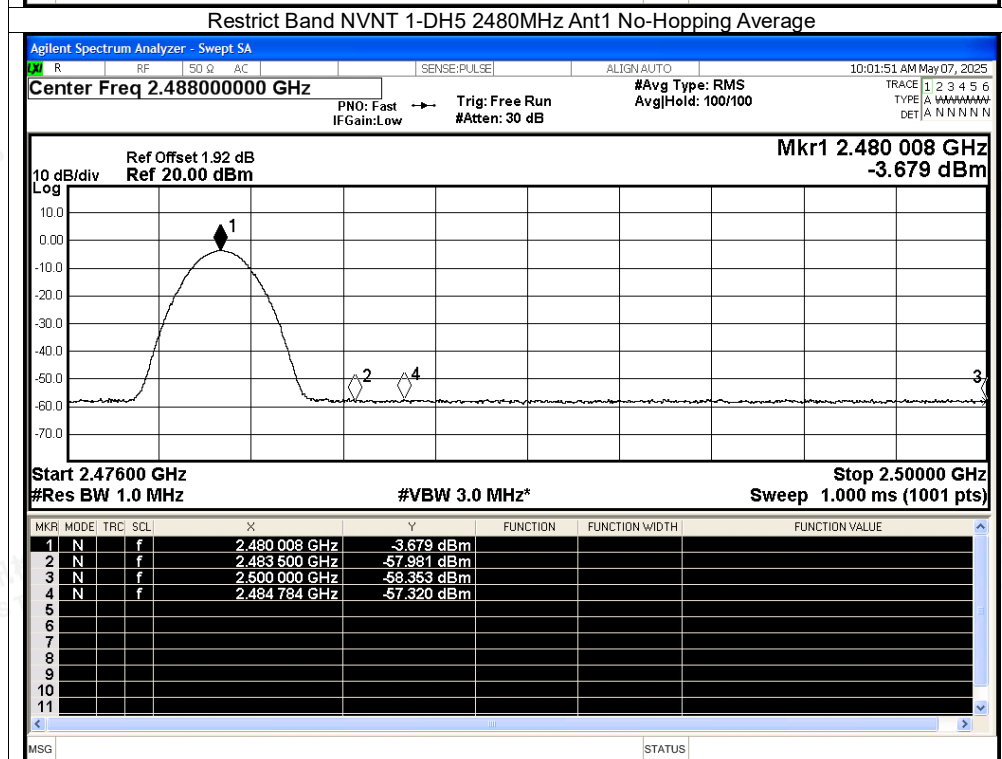
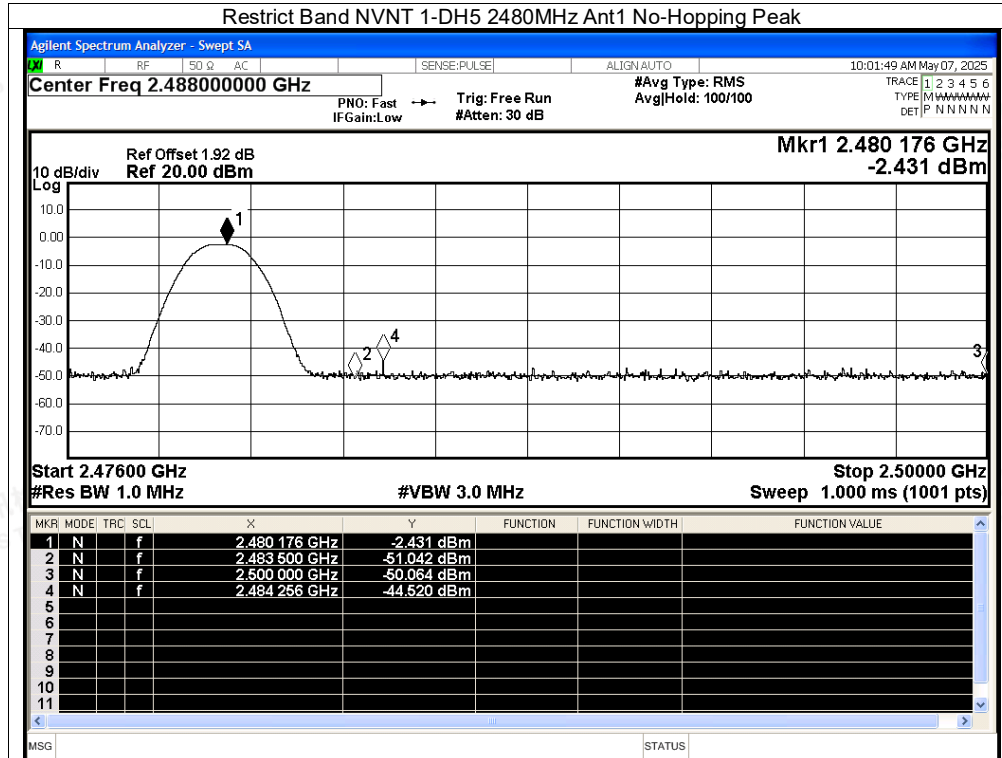


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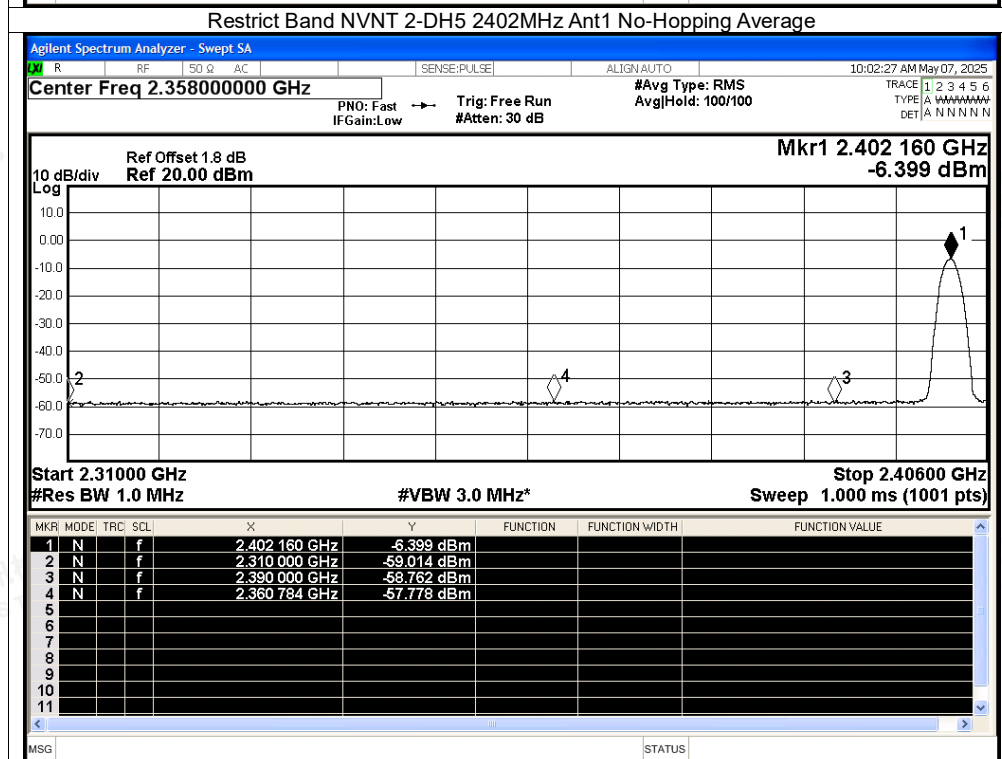
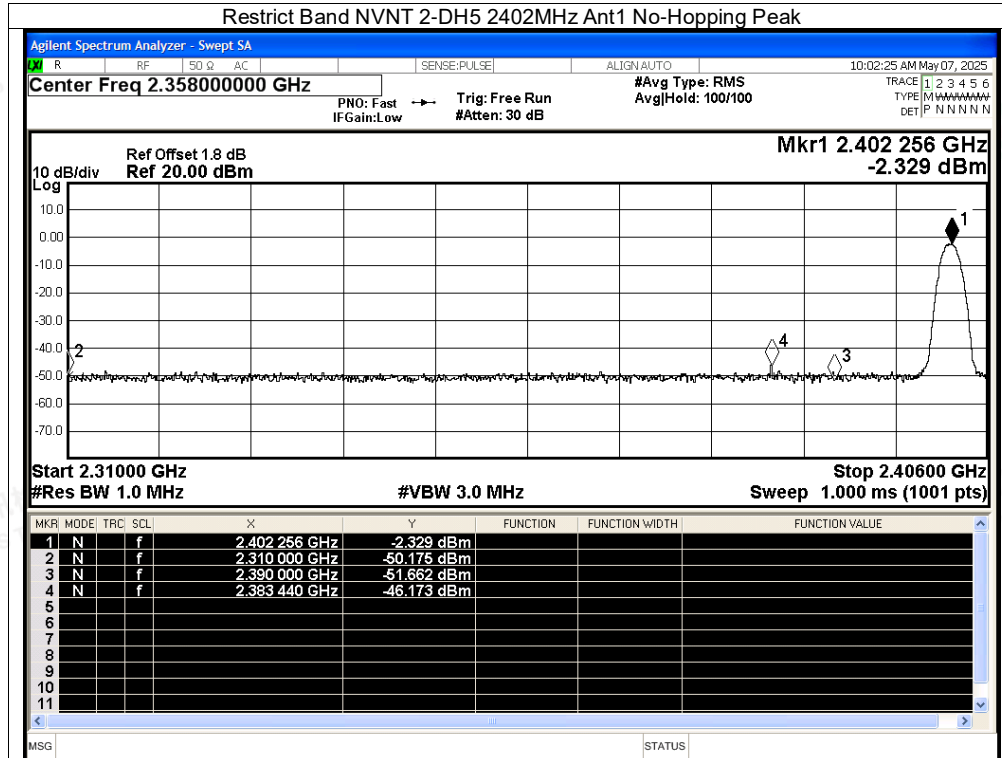


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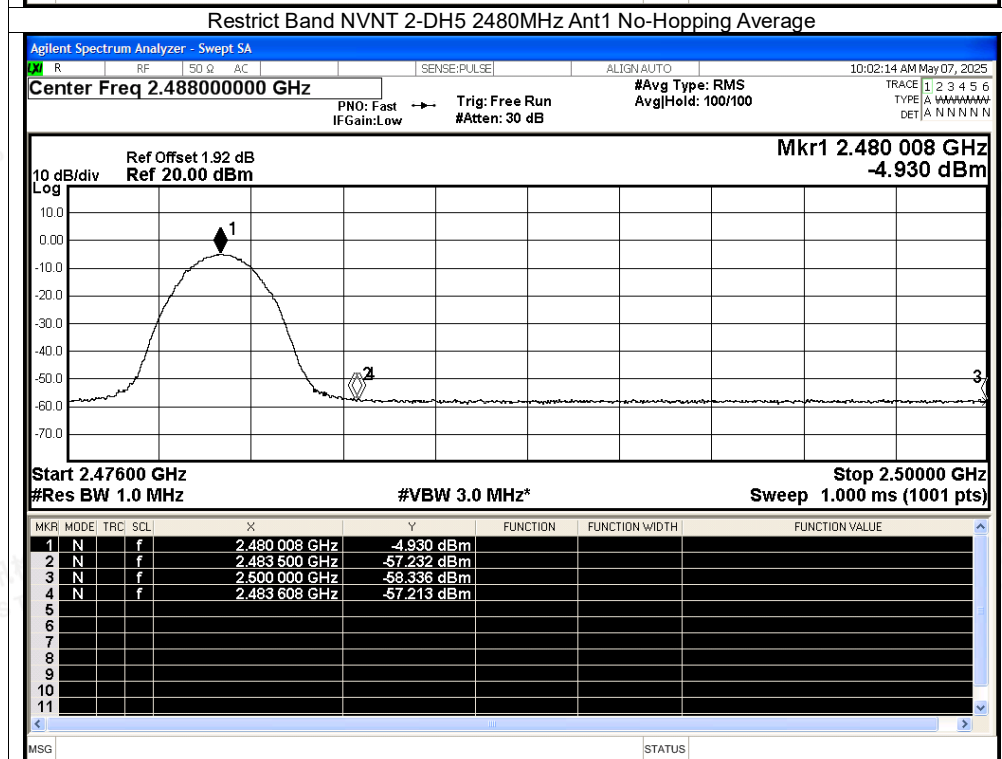
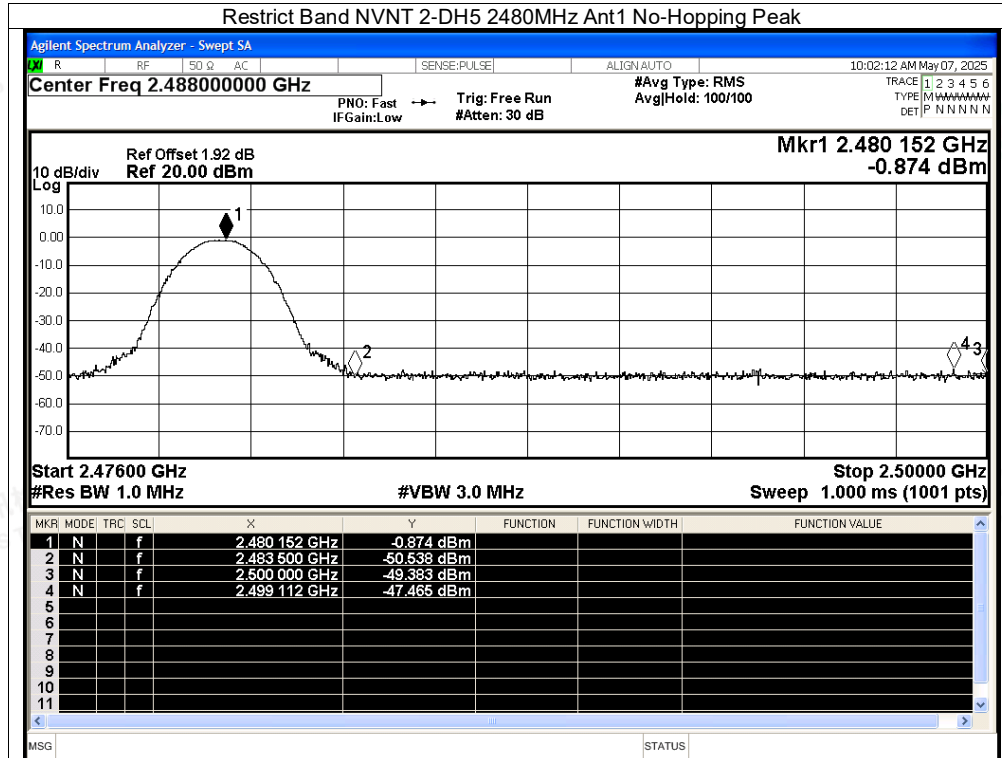


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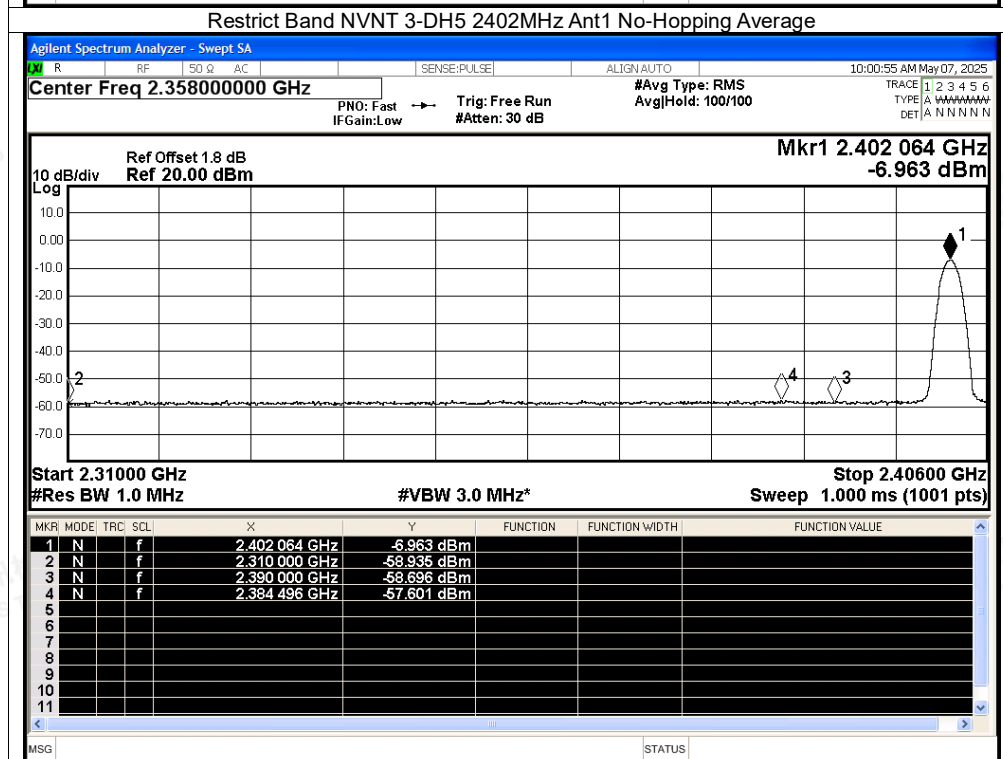
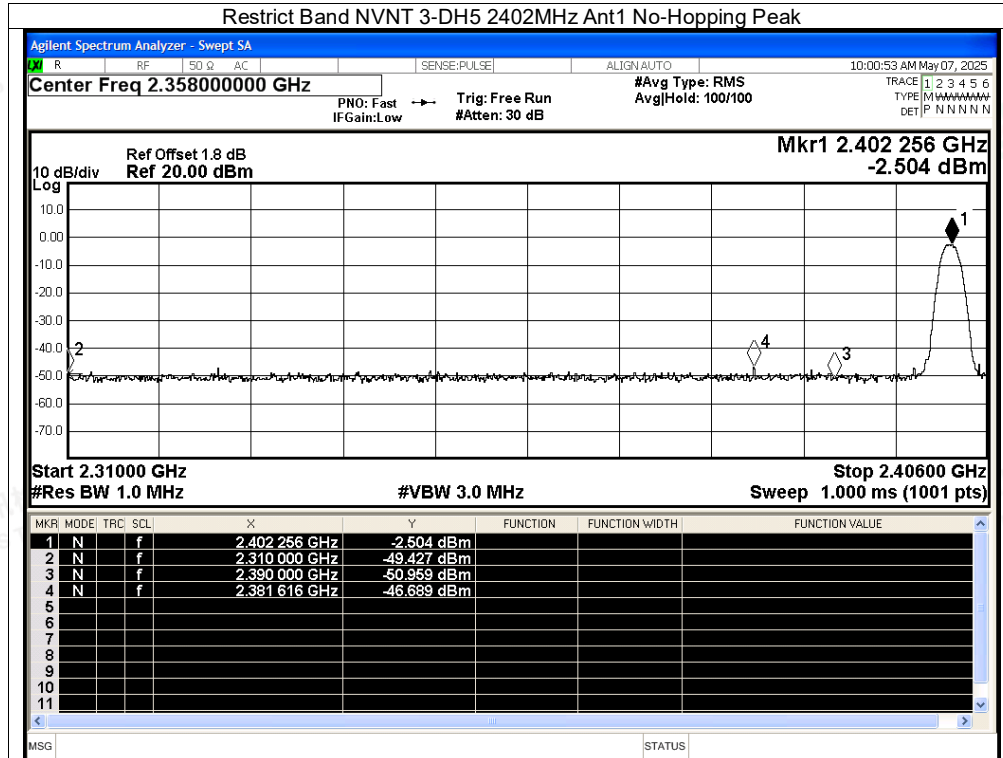


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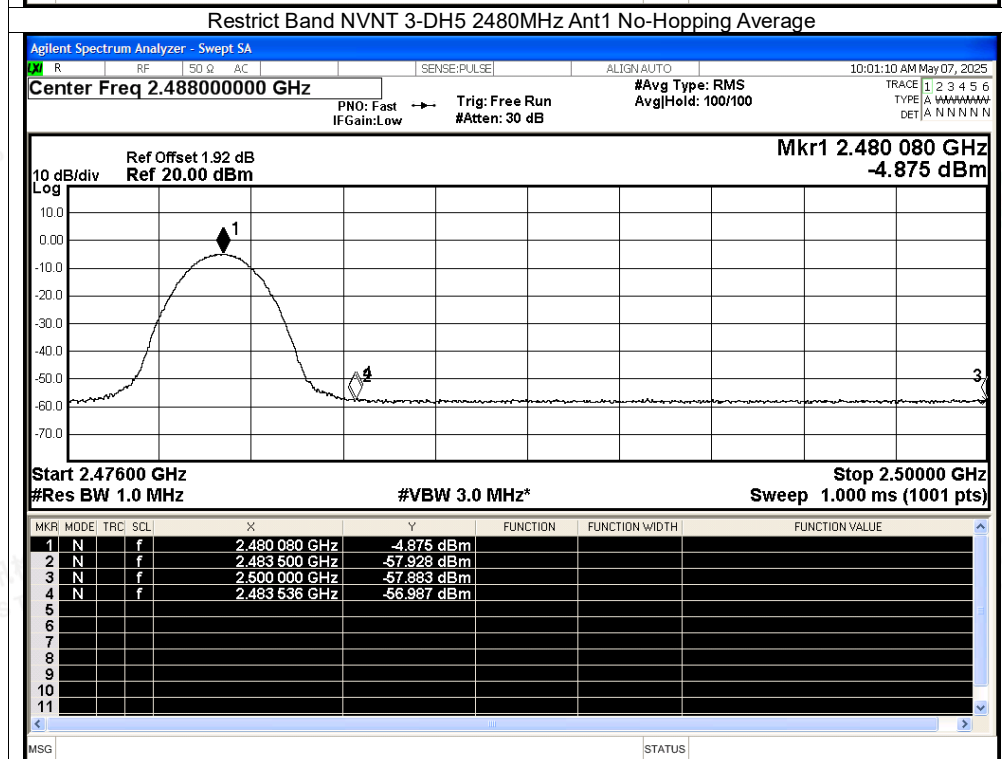
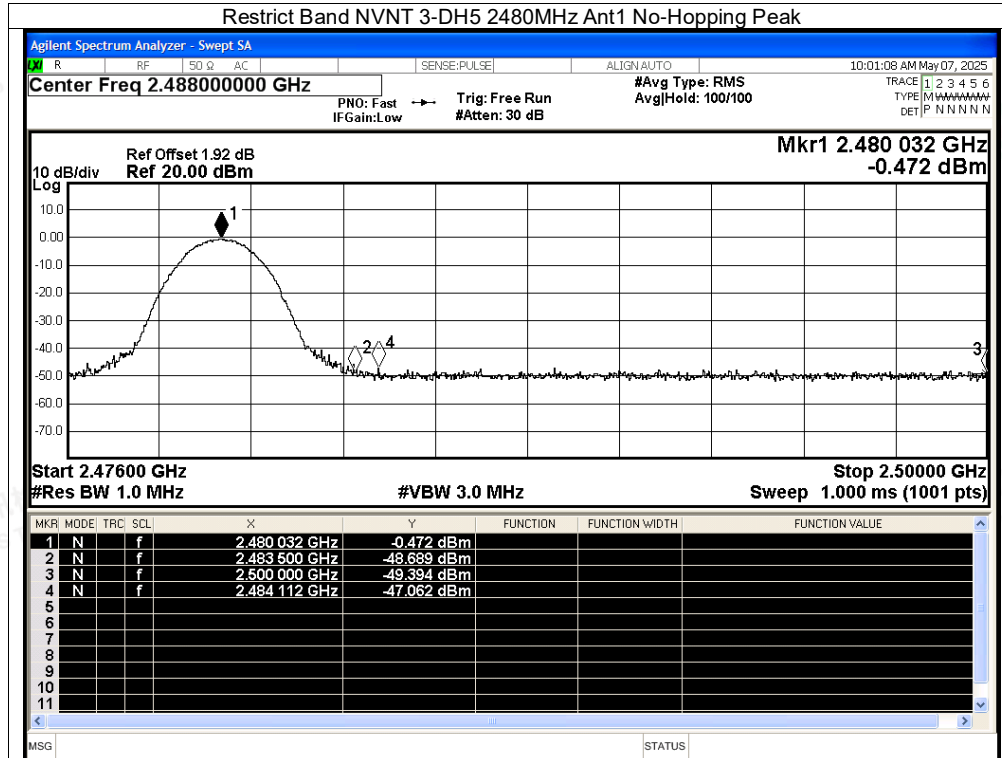


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