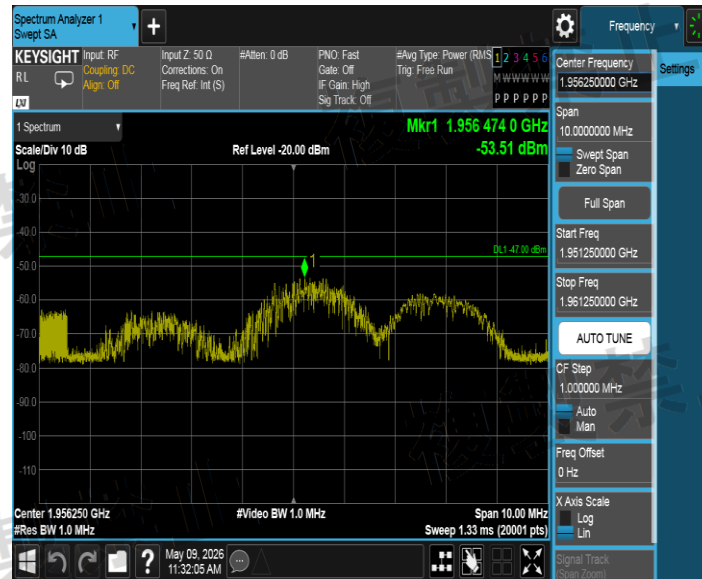


NTNV_11N40SISO_Ant1_5190_1956.25_Ant1



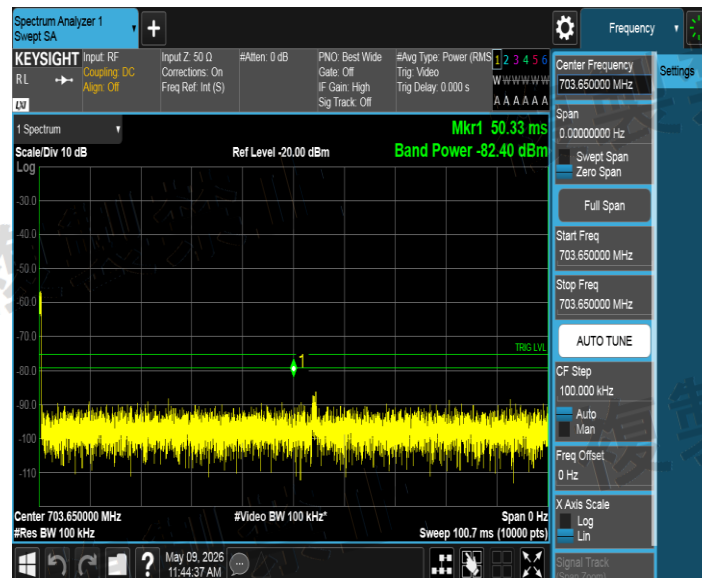
NTNV_11AC20SISO_Ant1_5300_717.25_Ant1



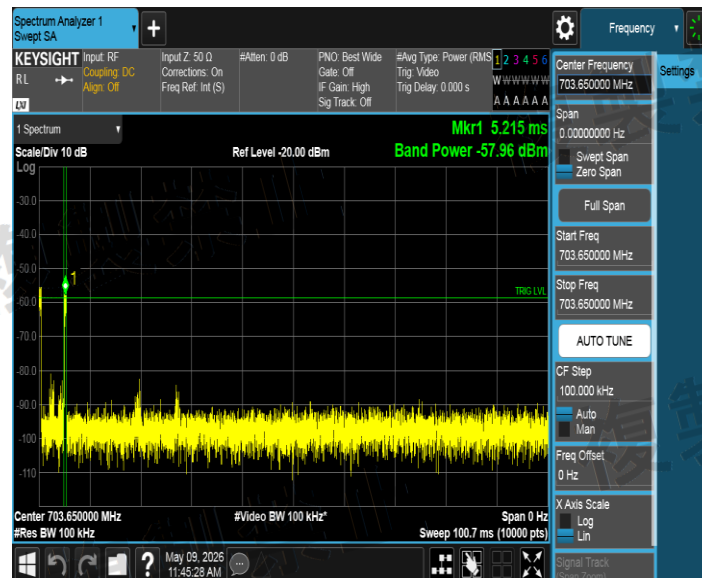
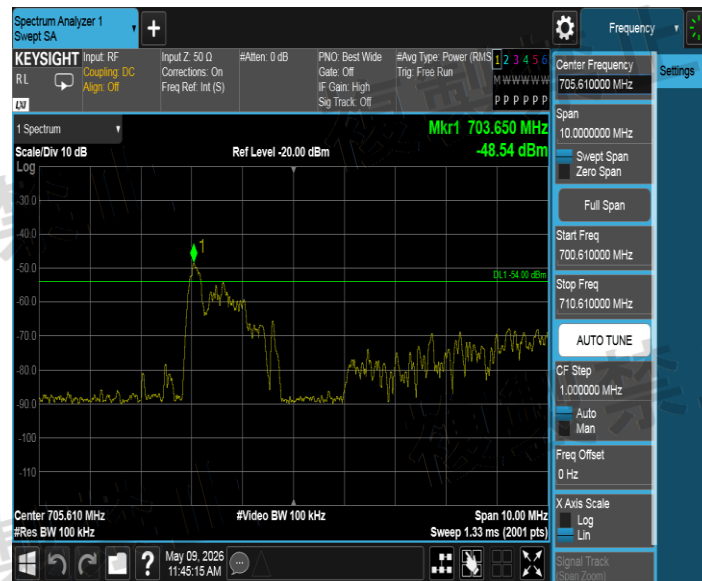
NTNV_11AC20SISO_Ant1_5320_716.76_Ant1



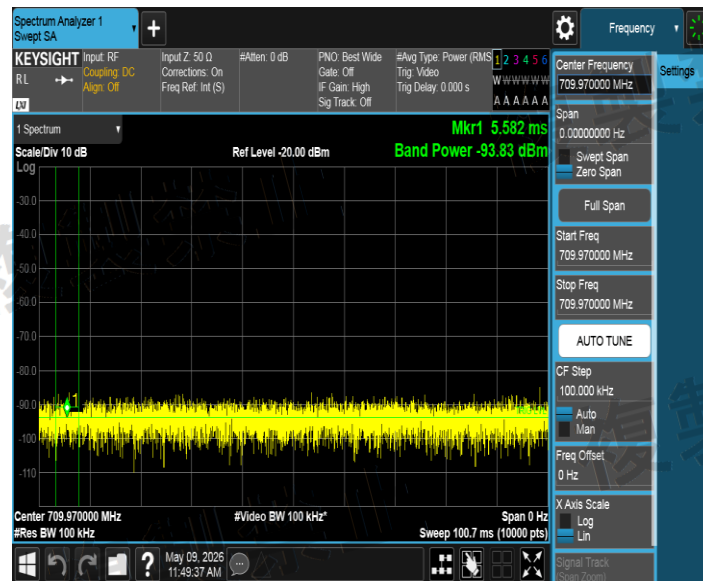
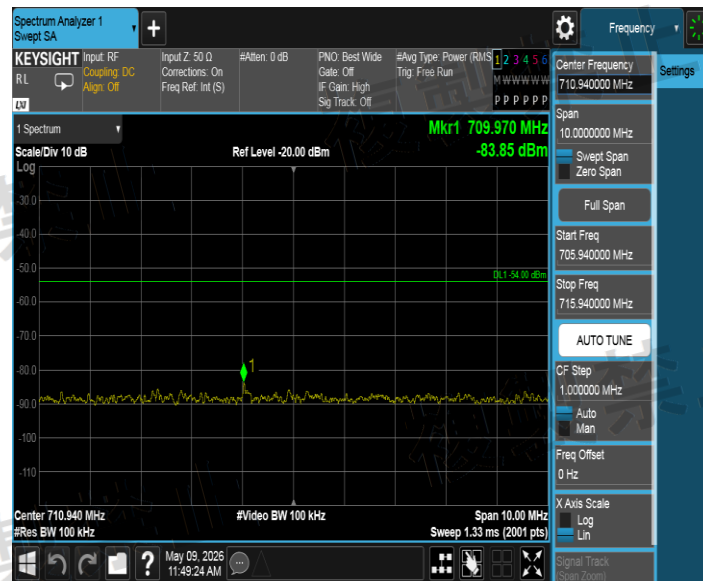
NTNV_11AC20SISO_Ant1_5600_704.15_Ant1



NTNV_11AC20SISO_Ant1_5720_705.61_Ant1



NTNV_11AC40SISO_Ant1_5710_710.94_Ant1



12. Unwanted Emission Intensity Measurement

12.1. Limit

W52:

Item	Mode	Description
TX Spurious Emission	802.11a	30 MHz~1GHz limit $\leq 0.25\mu\text{W}/100\text{kHz}$ (-36dBm/kHz)
		1GHz~5142 MHz limit $\leq 2.5\mu\text{W}/\text{MHz}$
		5142 MHz~5150 MHz limit $\leq 15\mu\text{W}/\text{MHz}$
		5250 MHz~5251MHz limit $\leq 10^{1-(f-9)}\text{mW}/\text{MHz}$
		5251 MHz~5260MHz limit $\leq 10^{-1-(8/90)(f-11)}\text{mW}/\text{MHz}$
		5260 MHz~5266.7MHz limit $\leq 10^{-1.8-(6/50)(f-20)}\text{mW}/\text{MHz}$
		5266.7 MHz~26000 MHz Limit $\leq 2.5\mu\text{W}/\text{MHz}$
	802.11ac-VHT20/n-H T20	30 MHz~1GHz limit $\leq 0.25\mu\text{W}/100\text{kHz}$ (-36dBm/kHz)
		1GHz~5142 MHz limit $\leq 2.5\mu\text{W}/\text{MHz}$
		5142 MHz~5150 MHz limit $\leq 15\mu\text{W}/\text{MHz}$
		5250 MHz~5251MHz limit $\leq 10^{1-(f-9)}\text{mW}/\text{MHz}$
		5251 MHz~5260MHz limit $\leq 10^{-1-(8/90)(f-11)}\text{mW}/\text{MHz}$
		5260 MHz~5266.7MHz limit $\leq 10^{-1.8-(6/50)(f-20)}\text{mW}/\text{MHz}$
		5266.7 MHz~26000 MHz Limit $\leq 2.5\mu\text{W}/\text{MHz}$
	802.11ac-VHT40/n-H T40	30 MHz~1GHz limit $\leq 0.25\mu\text{W}/100\text{kHz}$ (-36dBm/kHz)
		1GHz~5141.6 MHz limit $\leq 2.5\mu\text{W}/\text{MHz}$
		5141.6 MHz~5150 MHz limit $\leq 15\mu\text{W}/\text{MHz}$ (-18.24dBm/MHz)
		5250 MHz~5251MHz limit $\leq 10^{-(f-20)+\log(1/2)}\text{mW}/\text{MHz}$
		5251 MHz~5270MHz limit $\leq 10^{-(8/190)(f-21)-1+\log(1/2)}\text{mW}/\text{MHz}$
		5270MHz~5278.4MHz limit $\leq 10^{-(3/50)(f-40)-1.8+\log(1/2)}\text{mW}/\text{MHz}$
		5278.4 MHz~26000 MHz limit $\leq 2.5\mu\text{W}/\text{MHz}$
	802.11ac-VHT80	30 MHz~1GHz limit $\leq 0.25\mu\text{W}/100\text{kHz}$ (-36dBm/kHz)
		1GHz~5123.2 MHz limit $\leq 2.5\mu\text{W}/\text{MHz}$
		5123.2MHz ~ 5150MHz limit $\leq 2.5\mu\text{W}/\text{MHz}$
		5250MHz ~ 5251MHz limit $\leq 10^{-(f-40)+\log(1/4)}\text{mW}/\text{MHz}$
		5251 MHz~5290MHz



		$\text{limit} \leq 10^{-(8/390)(f-41)-1+\log(1/4)} \text{ mW/MHz}$
	5290 MHz~5296.7 MHz	$\text{limit} \leq 10^{-(3/100)(f-80)-1.8+\log(1/4)} \text{ mW/MHz}$
	5296.7 MHz~26000 MHz Limit≤ 2.5μW/MHz	

W53:

Item	Mode	Description
TX Spurious Emission	802.11a	30 MHz~5233.3 MHz limit $\leq 2.5 \mu\text{W/MHz}$
		5233.3 MHz~5240MHz limit $\leq 10^{-1.8-(6/50)(f-20)} \text{ mW/MHz}$
		5240 MHz~5249MHz limit $\leq 10^{-1-(8/90)(f-11)} \text{ mW/MHz}$
		5249 MHz~5250MHz limit $\leq 10^{1-(f-9)} \text{ mW/MHz}$
		5350 MHz~26000 MHz Limits $\leq 2.5 \mu\text{W/MHz}$
	802.11ac-VHT20/n-H T20	30 MHz~5233.3 MHz limit $\leq 2.5 \mu\text{W/MHz}$
		5233.3 MHz~5240MHz limit $\leq 10^{-1.8-(6/50)(f-20)} \text{ mW/MHz}$
		5240 MHz~5249MHz limit $\leq 10^{-1-(8/90)(f-11)} \text{ mW/MHz}$
		5249 MHz~5250MHz limit $\leq 10^{1-(f-9)} \text{ mW/MHz}$
		5350 MHz~26000 MHz Limits $\leq 2.5 \mu\text{W/MHz}$
	802.11ac-VHT40/n-H T40	30 MHz~5221.6 MHz limit $\leq 2.5 \mu\text{W/MHz}$
		5221.6 MHz~5230MHz limit $\leq 10^{-(3/50)(f-40)-1.8+\log(1/2)} \text{ mW/MHz}$
		5230 MHz~5249MHz limit $\leq 10^{-(8/190)(f-21)-1+\log(1/2)} \text{ mW/MHz}$
		5249 MHz~5250MHz limit $\leq 10^{-(f-20)-1+\log(1/2)} \text{ mW/MHz}$
		5350 MHz~5358.4 MHz Limits $\leq 15 \mu\text{W/MHz}$
		5358.4 MHz~26000 MHz Limits $\leq 2.5 \mu\text{W/MHz}$
	802.11ac-VHT80	30 MHz~5203.3 MHz limit $\leq 2.5 \mu\text{W/MHz}$
		5203.3MHz ~ 5210MHz limit $\leq 10^{-(3/100)(f-80)-1.8+\log(1/4)} \text{ mW /MHz}$
		5210MHz ~ 5249MHz
		limit $\leq 10^{-(8/390)(f-41)-1+\log(1/4)} \text{ mW/MHz}$
		5249 MHz~5250MHz limit $\leq 10^{-(f-40)+\log(1/4)} \text{ mW/MHz}$
		5350 MHz~5376.8 MHz limit $\leq 15 \mu\text{W W/MHz}$
		5376.8 MHz~26000 MHz Limits $\leq 2.5 \mu\text{W/MHz}$

W56:

Item	Mode	Description
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TX Spurious Emission	802.11a	30 MHz~5460MHz limit≤2.5μW/MHz
		5460MHz~5470 MHz limit≤ 12.5μW/MHz
		5745 MHz~5765 MHz limit≤ 12.5μW/MHz
		5765 MHz~26000 MHz Limit≤ 2.5μW/MHz
	802.11ac-VHT20/n-HT20	30 MHz~5460MHz limit≤2.5μW/MHz
		5460MHz~5470 MHz limit≤ 12.5μW/MHz
		5745 MHz~5765 MHz limit≤ 12.5μW/MHz
		5765 MHz~26000 MHz Limit≤ 2.5μW/MHz
	802.11ac-VHT40/n-HT40	30 MHz~5460MHz limit≤12.5μW/MHz
		5460MHz~5470 MHz limit≤ 50μW/MHz
		5700 MHz~26000 MHz Limit≤ 12.5μW/MHz
	802.11ac-VHT80	30 MHz~5460MHz limit≤12.5μW/MHz
		5460MHz~5469.5 MHz limit≤ 50μW/MHz
		5469.5MHz ~ 5470MHz limit≤ 51.2μW/MHz
		5770 MHz~26000 MHz Limit≤ 12.5μW/MHz

12.2. Test Setup



12.3. Test Procedure

Spectrum Analyzer	Setting
Attenuation	/
RBW	100 kHz: 30 MHz ≤ f < 1000 MHz 1 MHz: 1000 MHz ≤ f < 5th Harmonics
VBW	100 kHz: 30 MHz ≤ f < 1000 MHz

	1MHz: 1000 MHz $\leq f < 5$ th Harmonics
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

a. EUT have the continuous transmission mode and fixed only one channelize.

W52:

For 802.11a mode:

1. Setting of SA start 30MHz and stop frequency 1GHz, RB:100kHz/VB:100kHz, Sweep time: Auto.

Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 0.25 μ W/100kHz.

2. Setting of SA start 1GHz and stop frequency 5142MHz, RB:1MHz/VB:1MHz, Sweep time:

Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5 μ W.

3. Setting of SA start 5142MHz and stop frequency 5150MHz, RB:1MHz/VB:1MHz, Sweep time:

Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 15 μ W/MHz

4. Setting of SA start 5250MHz and stop frequency 5251MHz RB:1MHz/VB:1MHz, Sweep time: Auto.

Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{1-(f-9)}$ mW/MHz

5. Setting of SA start 5251MHz and stop frequency 5260MHz, RB:1MHz/VB:1MHz, Sweep time:

Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{1-(8/90)(f-11)}$ mW/MHz

6. Setting of SA start 5260MHz and stop frequency 5266.7MHz, RB:1MHz/VB:1MHz, Sweep time:

Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{1.8-(6/50)(f-20)}$ mW/MHz

7. Setting of SA start 5266.7MHz and stop frequency 26000MHz, RB: 1MHz/VB:1MHz, Sweep time:

Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5 μ W/MHz.

For 802.11ac-VHT20/n-HT20 mode:

1. Setting of SA start 30MHz and stop frequency 1GHz, RB:100kHz/VB:100kHz, Sweep time: Auto.

Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 0.25 μ W/100kHz.

2. Setting of SA start 1GHz and stop frequency 5142MHz, RB:1MHz/VB:1MHz, Sweep time:

Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5 μ W.

3. Setting of SA start 5142MHz and stop frequency 5150MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 15 μ W/MHz
4. Setting of SA start 5250MHz and stop frequency 5251MHz RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 10^{1-(f-9)}mW/MHz
5. Setting of SA start 5251MHz and stop frequency 5260MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 10^{-1-(8/90)(f-11)}mW/MHz
6. Setting of SA start 5260MHz and stop frequency 5266.7MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 10^{-1.8-(6/50)(f-20)}mW/MHz
7. Setting of SA start 5266.7MHz and stop frequency 26000MHz, RB: 1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5 μ W/MHz.

For 802.11ac-VHT40/n-HT40 mode:

1. Setting of SA start 30MHz and stop frequency 1GHz, RB:100kHz/VB:100kHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 0.25 μ W/100kHz.
2. Setting of SA start 1GHz and stop frequency 5141.6MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5 μ W.
3. Setting of SA start 5141.6MHz and stop frequency 5150MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 15 μ W/MHz
4. Setting of SA start 5250MHz and stop frequency 5251MHz RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 10^{-(f-20+log(1/2))} mW/MHz
5. Setting of SA start 5251MHz and stop frequency 5270MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 10^{-(8/190)(f-21)-1+log(1/2)}mW/MHz
6. Setting of SA start 5270MHz and stop frequency 5278.4MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 10^{-(3/50)(f-40)-1.8+log(1/2)}mW/MHz
7. Setting of SA start 5278.4MHz and stop frequency 26000MHz, RB: 1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5 μ W/MHz.

W53:

For 802.11a mode:

1. Setting of SA start 30MHz and stop frequency 5233.3MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5μW.
2. Setting of SA start 5233.3MHz and stop frequency 5240MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{-1.8-(6/50)(f-20)}$ mW/MHz
3. Setting of SA start 5240MHz and stop frequency 5249MHz RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{-1-(8/90)(f-11)}$ mW/MHz
4. Setting of SA start 5249MHz and stop frequency 5249.8MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{1-(f-9)}$ mW/MHz
5. Setting of SA start 5249.8MHz and stop frequency 5250MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{1-(8/3)(f-9.75)}$ mW/MHz
6. Setting of SA start 5350MHz and stop frequency 26000MHz, RB: 1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5μW/MHz.

For 802.11ac-VHT20/n-HT20 mode:

1. Setting of SA start 30MHz and stop frequency 5233.3MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5μW.
2. Setting of SA start 5233.3MHz and stop frequency 5240MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{-1.8-(6/50)(f-20)}$ mW/MHz
3. Setting of SA start 5240MHz and stop frequency 5249MHz RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{-1-(8/90)(f-11)}$ mW/MHz
4. Setting of SA start 5249MHz and stop frequency 5249.8MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{1-(f-9)}$ mW/MHz
5. Setting of SA start 5249.8MHz and stop frequency 5250MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{1-(8/3)(f-9.75)}$ mW/MHz
6. Setting of SA start 5350MHz and stop frequency 26000MHz, RB: 1MHz/VB:1MHz, Sweep time:

Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5 μ W/MHz.

For 802.11ac-VHT40/n-HT40 mode:

1. Setting of SA start 30MHz and stop frequency 5221.6MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5 μ W.
2. Setting of SA start 5221.6MHz and stop frequency 5230MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{-(3/50)(f-40)-1.8+\log(1/2)}$ mW/MHz
3. Setting of SA start 5230MHz and stop frequency 5249MHz RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{-(8/190)(f-21)-1+\log(1/2)}$ mW/MHz
4. Setting of SA start 5249MHz and stop frequency 5250MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{-(f-20)+\log(1/2)}$ mW/MHz
5. Setting of SA start 5350MHz and stop frequency 5358.4MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 15 μ W/MHz
6. Setting of SA start 5358.4MHz and stop frequency 26000MHz, RB: 1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5 μ W/MHz.

For 802.11ac-VHT80 mode:

1. Setting of SA start 30MHz and stop frequency 5203.3MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 2.5 μ W.
2. Setting of SA start 5203.3MHz and stop frequency 5210MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{-(3/100)(f-80)-1.8+\log(1/4)}$ mW/MHz
3. Setting of SA start 5210MHz and stop frequency 5249MHz RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{-(8/390)(f-41)-1+\log(1/4)}$ mW/MHz
4. Setting of SA start 5249MHz and stop frequency 5250MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $10^{-(f-40)+\log(1/4)}$ mW/MHz
5. Setting of SA start 5350MHz and stop frequency 5376.8MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to



mark peak. reading value + cable loss shall be less than $15\mu\text{W}/\text{MHz}$

6. Setting of SA start 5376.8MHz and stop frequency 26000MHz, RB: 1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $2.5\mu\text{W}/\text{MHz}$.

W56:

For 802.11a mode:

1. Setting of SA start 30MHz and stop frequency 5460MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $2.5\mu\text{W}$.
2. Setting of SA start 5460MHz and stop frequency 5470MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $12.5\mu\text{W}/\text{MHz}$
3. Setting of SA start 5745MHz and stop frequency 5765MHz RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $12.5\mu\text{W}/\text{MHz}$
4. Setting of SA start 5765MHz and stop frequency 26000MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $2.5\mu\text{W}$

For 802.11ac-VHT20/n-HT20 mode:

1. Setting of SA start 30MHz and stop frequency 5460MHz, RB:100kHz/VB:100kHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $2.5\mu\text{W}$.
2. Setting of SA start 5460MHz and stop frequency 5470MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $12.5\mu\text{W}/\text{MHz}$.
3. Setting of SA start 5745MHz and stop frequency 5765MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $12.5\mu\text{W}/\text{MHz}$
4. Setting of SA start 5765MHz and stop frequency 26000MHz RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $2.5\mu\text{W}$

For 802.11ac-VHT40/n-HT40 mode:

1. Setting of SA start 30MHz and stop frequency 5460MHz, RB:100kHz/VB:100kHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than $2.5\mu\text{W}$.

2. Setting of SA start 5460MHz and stop frequency 5470MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 50 μ W/MHz.

3. Setting of SA start 5700MHz and stop frequency 26000MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 12.5 μ W/MHz

For 802.11ac-VHT80:

1. Setting of SA start 30MHz and stop frequency 5460MHz, RB:100kHz/VB:100kHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 12.5 μ W/MHz

2. Setting of SA start 5460MHz and stop frequency 5469.5MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 50 μ W/MHz.

3. Setting of SA start 5469.5MHz and stop frequency 5470MHz, RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 51.2 μ W/MHz.

4. Setting of SA start 5770MHz and stop frequency 26000MHz RB:1MHz/VB:1MHz, Sweep time: Auto. Sweep mode: continuous sweep Detect mode: Positive peak/Trace mode: max hold. Then to mark peak. reading value + cable loss shall be less than 12.5 μ W/MHz

b. If the power level of Max. frequency point in the pre-scan higher than the limit, then using the Max. frequency point as a benchmark, narrow down the test, find the real highest point, and read the point follow below:

Spectrum Analyzer	Setting
Attenuation	Auto
RBW	100 kHz: 30 MHz $\cong$ f < 1000 MHz 1 MHz: 1000 MHz $\cong$ f < 5th Harmonics
VBW	100 kHz: 30 MHz $\cong$ f < 1000 MHz 1 MHz: 1000 MHz $\cong$ f < 5th Harmonics
SPAN	0 MHz
Detector	RMS
Trace	Clear write
Sweep Time	Auto

12.4. Test Result

Test environment:

Temperature:	23.1~27.5 °C
Relative Humidity:	46~51 %
ATM Pressure:	100.2~101.5 kPa
Test Date (yy-mm-dd):	2026-04-20~2026-05-18
Test Voltage:	DC 5V
Test Engineer:	Stone Zhang

Test Data:

Test Condition	Test Mode	Antenna	Frequency (MHz)	Frequency Range [MHz]	Frequency [MHz]	Result [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	11A	Ant1	5180	30~1000	785.92	-61.21	3.31	-57.90	0.016218	≤2.5	PASS
				1000~5142	5137.03	-46.60	3.31	-43.29	0.04688	≤2.5	PASS
				5142~5150	5144.47	-45.14	3.31	-41.83	0.06561	≤15	PASS
				5250~5251	5250.97	-47.92	3.31	-44.61	0.03459	≤107.2	PASS
				5251~5260	5259.80	-48.54	3.31	-45.23	0.02999	≤16.5	PASS
				5260~5266.7	5264.53	-48.74	3.31	-45.43	0.02864	≤15.8	PASS
				5266.7~26000	25689.00	-44.31	3.31	-41.00	0.07943	≤2.5	PASS
			5200	30~1000	829.96	-60.49	3.31	-57.18	0.019143	≤2.5	PASS
				1000~5142	3935.85	-47.27	3.31	-43.96	0.04018	≤2.5	PASS
				5142~5150	5146.59	-46.69	3.31	-43.38	0.04592	≤15	PASS
				5250~5251	5250.99	-46.79	3.31	-43.48	0.04487	≤102.3	PASS
				5251~5260	5259.13	-46.89	3.31	-43.58	0.04385	≤18.9	PASS
				5260~5266.7	5264.25	-48.18	3.31	-44.87	0.03258	≤15.8	PASS
				5266.7~26000	25644.77	-44.09	3.31	-40.78	0.08356	≤2.5	PASS
			5240	30~1000	839.17	-60.98	3.31	-57.67	0.01710	≤2.5	PASS
				1000~5142	3884.90	-47.10	3.31	-43.79	0.04178	≤2.5	PASS
				5142~5150	5142.53	-47.33	3.31	-44.02	0.03963	≤15	PASS
				5250~5251	5250.98	-18.22	3.31	-14.91	32.28494	≤104.7	PASS
				5251~5260	5251.12	-19.75	3.31	-16.44	22.69865	≤97.6	PASS
				5260~5266.7	5260.94	-40.73	3.31	-37.42	0.18113	≤15.8	PASS
				5266.7~26000	25681.40	-43.83	3.31	-40.52	0.08872	≤2.5	PASS
			5260	30~5233.3	5233.30	-43.28	3.31	-39.97	0.10069	≤2.5	PASS
				5233.3~5240	5237.30	-32.26	3.31	-28.95	1.27350	≤7.5	PASS
				5240~5249	5248.99	-17.37	3.31	-14.06	39.26449	≤99.8	PASS
				5249~5250	5249.02	-16.86	3.31	-13.55	44.15704	≤104.7	PASS
				5350~26000	25617.98	-43.72	3.31	-40.41	0.09099	≤2.5	PASS

			5280	30~5233.3	5231.22	-44.01	3.31	-40.70	0.08511	≤2.5	PASS
				5233.3~5240	5234.67	-40.19	3.31	-36.88	0.20512	≤3.6	PASS
				5240~5249	5240.69	-39.57	3.31	-36.26	0.23659	≤18.3	PASS
				5249~5250	5249.02	-37.84	3.31	-34.53	0.35237	≤104.7	PASS
				5350~26000	25678.55	-43.45	3.31	-40.14	0.09683	≤2.5	PASS
			5320	30~5233.3	3791.47	-46.23	3.31	-42.92	0.05105	≤2.5	PASS
				5233.3~5240	5233.57	-47.17	3.31	-43.86	0.04111	≤2.7	PASS
				5240~5249	5240.33	-48.10	3.31	-44.79	0.03319	≤17.0	PASS
				5249~5250	5249.03	-47.09	3.31	-43.78	0.04188	≤107.2	PASS
				5350~26000	5364.46	-40.21	3.31	-36.90	0.20417	≤2.5	PASS
			5500	30~5460	3797.33	-45.78	3.31	-42.47	0.05662	≤2.5	PASS
				5460~5470	5469.66	-41.47	3.31	-38.16	0.15276	≤12.5	PASS
				5745~5765	5761.92	-46.99	3.31	-43.68	0.04285	≤12.5	PASS
				5765~26000	25532.57	-44.05	3.31	-40.74	0.08433	≤2.5	PASS
			5600	30~5460	4953.92	-42.38	3.31	-39.07	0.12388	≤2.5	PASS
				5460~5470	5460.67	-47.85	3.31	-44.54	0.03516	≤12.5	PASS
				5745~5765	5752.90	-47.22	3.31	-43.91	0.04064	≤12.5	PASS
				5765~26000	25665.45	-43.67	3.31	-40.36	0.09204	≤2.5	PASS
			5720	30~5460	5076.10	-45.03	3.31	-41.72	0.06730	≤2.5	PASS
				5460~5470	5462.93	-48.49	3.31	-45.18	0.03034	≤12.5	PASS
				5745~5765	5746.62	-35.50	3.31	-32.19	0.60395	≤12.5	PASS
				5765~26000	25874.54	-43.84	3.31	-40.53	0.08851	≤2.5	PASS
	11N20SISO	Ant1	5180	30~1000	877.97	-61.26	3.31	-57.95	0.016032	≤2.5	PASS
				1000~5142	3813.25	-46.24	3.31	-42.93	0.05093	≤2.5	PASS
				5142~5150	5149.82	-40.13	3.31	-36.82	0.20797	≤15	PASS
				5250~5251	5251.00	-48.01	3.31	-44.70	0.03388	≤100.0	PASS
				5251~5260	5259.76	-47.82	3.31	-44.51	0.03540	≤16.6	PASS
				5260~5266.7	5264.49	-47.82	3.31	-44.51	0.03540	≤15.8	PASS
				5266.7~26000	25631.64	-44.45	3.31	-41.14	0.07691	≤2.5	PASS
			5200	30~1000	872.25	-59.85	3.31	-56.54	0.022182	≤2.5	PASS
				1000~5142	3784.67	-46.52	3.31	-43.21	0.04775	≤2.5	PASS
				5142~5150	5148.08	-42.18	3.31	-38.87	0.12972	≤15	PASS
				5250~5251	5250.87	-43.19	3.31	-39.88	0.10280	≤134.9	PASS
				5251~5260	5258.51	-47.06	3.31	-43.75	0.04217	≤21.5	PASS
				5260~5266.7	5261.01	-47.32	3.31	-44.01	0.03972	≤15.8	PASS
				5266.7~26000	25613.67	-43.17	3.31	-39.86	0.10328	≤2.5	PASS
			5240	30~1000	826.76	-60.87	3.31	-57.56	0.017539	≤2.5	PASS

			1000~5142	3720.88	-46.37	3.31	-43.06	0.04943	≤2.5	PASS
			5142~5150	5146.02	-47.75	3.31	-44.44	0.03597	≤15	PASS
			5250~5251	5250.78	-11.07	3.31	-7.76	167.49429	≤166.0	See table below
			5251~5260	5251.04	-17.50	3.31	-14.19	38.10658	≤99.2	PASS
			5260~5266.7	5261.70	-35.02	3.31	-31.71	0.67453	≤15.8	PASS
			5266.7~26000	25682.78	-44.02	3.31	-40.71	0.08492	≤2.5	PASS
		5260	30~5233.3	5226.54	-40.86	3.31	-37.55	0.17579	≤2.5	PASS
			5233.3~5240	5233.35	-32.67	3.31	-29.36	1.15878	≤2.5	PASS
			5240~5249	5248.96	-13.18	3.31	-9.87	103.03861	≤99.2	See table below
			5249~5250	5249.1	-11.53	3.31	-8.22	150.66071	≤125.9	See table below
			5350~26000	25732.24	-43.41	3.31	-40.10	0.09772	≤2.5	PASS
		5280	30~5233.3	5230.18	-43.41	3.31	-40.10	0.09772	≤2.5	PASS
			5233.3~5240	5234.22	-37.94	3.31	-34.63	0.34435	≤3.2	PASS
			5240~5249	5242.63	-35.76	3.31	-32.45	0.56885	≤27.2	PASS
			5249~5250	5249.01	-33.67	3.31	-30.36	0.92045	≤102.3	PASS
			5350~26000	25972.47	-44.49	3.31	-41.18	0.07621	≤2.5	PASS
		5320	30~5233.3	3154.58	-45.96	3.31	-42.65	0.05433	≤2.5	PASS
			5233.3~5240	5233.44	-47.33	3.31	-44.02	0.03963	≤2.6	PASS
			5240~5249	5240.43	-47.55	3.31	-44.24	0.03767	≤17.3	PASS
			5249~5250	5249.03	-47.34	3.31	-44.03	0.03954	≤107.2	PASS
			5350~26000	25517.48	-43.91	3.31	-40.60	0.08710	≤2.5	PASS
		5500	30~5460	1747.51	-43.84	3.31	-40.53	0.08851	≤2.5	PASS
			5460~5470	5465.94	-39.59	3.31	-36.28	0.23550	≤12.5	PASS
			5745~5765	5751.16	-47.37	3.31	-44.06	0.03926	≤12.5	PASS
			5765~26000	25699.85	-43.70	3.31	-40.39	0.09141	≤2.5	PASS
		5600	30~5460	4956.64	-42.28	3.31	-38.97	0.12677	≤2.5	PASS
			5460~5470	5469.20	-47.99	3.31	-44.68	0.03404	≤12.5	PASS
			5745~5765	5763.84	-46.89	3.31	-43.58	0.04385	≤12.5	PASS
			5765~26000	25709.97	-43.23	3.31	-39.92	0.10186	≤2.5	PASS
		5720	30~5460	5076.10	-45.11	3.31	-41.80	0.06607	≤2.5	PASS
			5460~5470	5461.94	-48.12	3.31	-44.81	0.03304	≤12.5	PASS

	11N40SISO	Ant1		5745~5765	5745.40	-40.13	3.31	-36.82	0.20797	≤12.5	PASS
				5765~26000	25803.05	-44.02	3.31	-40.71	0.08492	≤2.5	PASS
			5190	30~1000	914.45	-61.08	3.31	-57.77	0.0167117	≤2.5	PASS
				1000~5141.6	5102.25	-47.31	3.31	-44.00	0.03981	≤2.5	PASS
				5141.6~5150	5149.57	-45.25	3.31	-41.94	0.06397	≤15	PASS
				5250~5251	5250.89	-24.97	3.31	-21.66	6.82339	≤64.4	PASS
				5251~5270	5267.80	-33.23	3.31	-29.92	1.01859	≤9.8	PASS
				5270~5278.4	5274.32	-37.55	3.31	-34.24	0.37670	≤4.4	PASS
				5278.4~26000	5278.40	-42.50	3.31	-39.19	0.12050	≤2.5	PASS
			5230	30~1000	944.32	-60.06	3.31	-56.75	0.021135	≤2.5	PASS
				1000~5141.6	3810.49	-46.71	3.31	-43.40	0.04571	≤2.5	PASS
				5141.6~5150	5146.04	-46.08	3.31	-42.77	0.05284	≤15	PASS
				5250~5251	5250.97	-24.61	3.31	-21.30	7.41310	≤53.6	PASS
				5251~5270	5262.36	-32.84	3.31	-29.53	1.11429	≤16.6	PASS
				5270~5278.4	5272.43	-36.73	3.31	-33.42	0.45499	≤5.7	PASS
				5278.4~26000	25705.75	-43.27	3.31	-39.96	0.10093	≤2.5	PASS
			5270	30~5221.6	5221.08	-41.07	3.31	-37.76	0.16749	≤2.5	PASS
				5221.6~5230	5222.93	-36.05	3.31	-32.74	0.53211	≤3.0	PASS
				5230~5249	5232.15	-32.34	3.31	-29.03	1.25026	≤9.8	PASS
				5249~5250	5249.04	-24.15	3.31	-20.84	8.24138	≤54.8	PASS
				5348.4~26000	23913.50	-43.63	3.31	-40.32	0.09290	≤2.5	PASS
				5350~5348.4	5348.40	-43.23	3.31	-39.92	0.10186	≤15	PASS
			5310	30~5221.6	3729.02	-45.26	3.31	-41.95	0.06383	≤2.5	PASS
				5221.6~5230	5223.57	-40.27	3.31	-36.96	0.20137	≤3.3	PASS
				5230~5249	5230.40	-40.32	3.31	-37.01	0.19907	≤8.2	PASS
				5249~5250	5249.07	-36.28	3.31	-32.97	0.50466	≤58.7	PASS
				5348.4~26000	5349.09	-38.20	3.31	-34.89	0.32434	≤2.5	PASS
				5350~5348.4	5348.40	-30.43	3.31	-27.12	1.94089	≤15	PASS
			5510	30~5460	1750.22	-43.96	3.31	-40.65	0.08610	≤12.5	PASS
				5460~5470	5469.67	-38.18	3.31	-34.87	0.32584	≤50	PASS
				5770~26000	25563.71	-43.60	3.31	-40.29	0.09354	≤12.5	PASS
			5590	30~5460	4946.32	-42.25	3.31	-38.94	0.12764	≤12.5	PASS
				5460~5470	5469.23	-46.08	3.31	-42.77	0.05284	≤50	PASS
				5770~26000	25541.45	-43.29	3.31	-39.98	0.10046	≤12.5	PASS
			5710	30~5460	5069.04	-42.09	3.31	-38.78	0.13243	≤12.5	PASS
				5460~5470	5466.01	-46.61	3.31	-43.30	0.04677	≤50	PASS
				5770~26000	25708.69	-43.61	3.31	-40.30	0.09333	≤12.5	PASS

11AC20SISO	Ant1	5180	30~1000	862.45	-60.01	3.31	-56.70	0.02138	≤2.5	PASS
			1000~5142	5117.15	-45.78	3.31	-42.47	0.05662	≤2.5	PASS
			5142~5150	5148.91	-42.21	3.31	-38.90	0.12882	≤15	PASS
			5250~5251	5250.96	-46.57	3.31	-43.26	0.04721	≤109.6	PASS
			5251~5260	5259.89	-47.97	3.31	-44.66	0.03420	≤16.2	PASS
			5260~5266.7	5264.18	-48.23	3.31	-44.92	0.03221	≤15.8	PASS
			5266.7~26000	25755.35	-43.90	3.31	-40.59	0.08730	≤2.5	PASS
		5200	30~1000	855.57	-60.15	3.31	-56.84	0.020701	≤2.5	PASS
			1000~5142	3755.67	-46.24	3.31	-42.93	0.05093	≤2.5	PASS
			5142~5150	5147.12	-45.81	3.31	-42.50	0.05623	≤15	PASS
			5250~5251	5250.98	-45.40	3.31	-42.09	0.06180	≤104.7	PASS
			5251~5260	5259.83	-47.59	3.31	-44.28	0.03733	≤16.4	PASS
			5260~5266.7	5266.42	-47.02	3.31	-43.71	0.04256	≤15.7	PASS
			5266.7~26000	25968.21	-43.53	3.31	-40.22	0.09506	≤2.5	PASS
		5240	30~1000	728.79	-60.09	3.31	-56.78	0.020989	≤2.5	PASS
			1000~5142	3789.64	-46.05	3.31	-42.74	0.05321	≤2.5	PASS
			5142~5150	5149.98	-46.62	3.31	-43.31	0.04667	≤15	PASS
			5250~5251	5250.91	-12.82	3.31	-9.51	111.94379	≤123.0	See table below
			5251~5260	5251.01	-18.44	3.31	-15.13	30.69022	≤99.8	PASS
			5260~5266.7	5262.10	-34.08	3.31	-30.77	0.83753	≤15.8	PASS
			5266.7~26000	5267.39	-42.90	3.31	-39.59	0.10990	≤2.5	PASS
		5260	30~5233.3	5232.26	-41.44	3.31	-38.13	0.15382	≤2.5	PASS
			5233.3~5240	5233.80	-37.46	3.31	-34.15	0.38459	≤2.9	PASS
			5240~5249	5248.97	-13.60	3.31	-10.29	93.54057	≤99.4	See table below
			5249~5250	5249.14	-11.29	3.31	-7.98	159.22087	≤138.0	See table below
			5350~26000	25759.77	-43.05	3.31	-39.74	0.10617	≤2.5	PASS
			30~5233.3	5228.10	-46.03	3.31	-42.72	0.05346	≤2.5	PASS
		5280	5233.3~5240	5233.61	-44.87	3.31	-41.56	0.06982	≤2.7	PASS
			5240~5249	5241.97	-40.88	3.31	-37.57	0.17498	≤23.7	PASS
			5249~5250	5249.04	-36.97	3.31	-33.66	0.43053	≤109.6	PASS
			5350~26000	25849.26	-43.48	3.31	-40.17	0.09616	≤2.5	PASS

				5320	30~5233.3	3860.15	-44.93	3.31	-41.62	0.06887	≤2.5	PASS
					5233.3~5240	5233.56	-46.37	3.31	-43.06	0.04943	≤2.7	PASS
					5240~5249	5240.40	-46.33	3.31	-43.02	0.04989	≤17.2	PASS
					5249~5250	5249.02	-46.37	3.31	-43.06	0.04943	≤104.7	PASS
					5350~26000	23610.80	-43.36	3.31	-40.05	0.09886	≤2.5	PASS
				5500	30~5460	3764.21	-45.23	3.31	-41.92	0.06427	≤2.5	PASS
					5460~5470	5467.66	-43.70	3.31	-40.39	0.09141	≤12.5	PASS
					5745~5765	5754.94	-45.55	3.31	-42.24	0.05970	≤12.5	PASS
					5765~26000	25624.98	-42.65	3.31	-39.34	0.11641	≤2.5	PASS
				5600	30~5460	4953.38	-43.37	3.31	-40.06	0.09863	≤2.5	PASS
					5460~5470	5466.77	-46.83	3.31	-43.52	0.04446	≤12.5	PASS
					5745~5765	5764.38	-44.16	3.31	-40.85	0.08222	≤12.5	PASS
					5765~26000	25671.52	-42.39	3.31	-39.08	0.12359	≤2.5	PASS
				5720	30~5460	5076.64	-42.53	3.31	-39.22	0.11967	≤2.5	PASS
					5460~5470	5460.12	-47.25	3.31	-43.94	0.04036	≤12.5	PASS
					5745~5765	5745.86	-42.43	3.31	-39.12	0.12246	≤12.5	PASS
					5765~26000	25696.48	-43.21	3.31	-39.90	0.10233	≤2.5	PASS
11AC40SISO	Ant1			5190	30~1000	819.68	-59.84	3.31	-56.53	0.022233	≤2.5	PASS
					1000~5141.6	5136.22	-44.25	3.31	-40.94	0.08054	≤2.5	PASS
					5141.6~5150	5148.99	-35.61	3.31	-32.30	0.58884	≤15	PASS
					5250~5251	5250.91	-41.01	3.31	-37.70	0.16982	≤61.5	PASS
					5251~5270	5269.37	-47.00	3.31	-43.69	0.04276	≤8.4	PASS
					5270~5278.4	5277.97	-46.80	3.31	-43.49	0.04477	≤2.6	PASS
					5278.4~26000	25845.97	-44.00	3.31	-40.69	0.08531	≤2.5	PASS
				5230	30~1000	871.48	-60.60	3.31	-57.29	0.0186647	≤2.5	PASS
					1000~5141.6	3824.57	-45.83	3.31	-42.52	0.05598	≤2.5	PASS
					5141.6~5150	5149.84	-46.04	3.31	-42.73	0.05333	≤15	PASS
					5250~5251	5250.86	-23.53	3.31	-20.22	9.50605	≤69.0	PASS
					5251~5270	5265.55	-33.84	3.31	-30.53	0.88512	≤12.2	PASS
					5270~5278.4	5273.97	-38.59	3.31	-35.28	0.29648	≤4.6	PASS
					5278.4~26000	25877.05	-43.61	3.31	-40.30	0.09333	≤2.5	PASS
				5270	30~5221.6	5221.08	-38.65	3.31	-35.34	0.29242	≤2.5	PASS
					5221.6~5230	5221.98	-35.27	3.31	-31.96	0.63680	≤2.6	PASS
					5230~5249	5248.87	-26.56	3.31	-23.25	4.73151	≤49.4	PASS
					5249~5250	5249.11	-24.46	3.31	-21.15	7.67361	≤64.4	PASS
					5348.4~26000	25620.70	-43.57	3.31	-40.26	0.09419	≤2.5	PASS
					5350~5348.4	5348.40	-44.15	3.31	-40.84	0.08241	≤15	PASS

			5310	30~5221.6	3156.38	-45.64	3.31	-42.33	0.05848	≤2.5	PASS
				5221.6~5230	5221.82	-46.11	3.31	-42.80	0.05248	≤2.6	PASS
				5230~5249	5230.57	-45.88	3.31	-42.57	0.05534	≤8.4	PASS
				5249~5250	5249.02	-43.53	3.31	-40.22	0.09506	≤52.4	PASS
				5348.4~26000	5348.40	-37.46	3.31	-34.15	0.38459	≤2.5	PASS
				5350~5348.4	5348.40	-34.37	3.31	-31.06	0.78343	≤15	PASS
			5510	30~5460	5460.00	-41.31	3.31	-38.00	0.15849	≤12.5	PASS
				5460~5470	5469.22	-37.09	3.31	-33.78	0.41879	≤50	PASS
				5770~26000	25627.77	-42.25	3.31	-38.94	0.12764	≤12.5	PASS
			5590	30~5460	4947.41	-43.79	3.31	-40.48	0.08954	≤12.5	PASS
				5460~5470	5468.68	-46.05	3.31	-42.74	0.05321	≤50	PASS
				5770~26000	25732.96	-43.11	3.31	-39.80	0.10471	≤12.5	PASS
			5710	30~5460	5063.07	-43.43	3.31	-40.12	0.09727	≤12.5	PASS
				5460~5470	5461.80	-47.39	3.31	-44.08	0.03908	≤50	PASS
				5770~26000	25714.08	-42.56	3.31	-39.25	0.11885	≤12.5	PASS
	11AC80SISO	Ant1	5210	30~1000	985.74	-60.02	3.31	-56.71	0.02133	≤2.5	PASS
				1000~5123.2	5122.79	-40.56	3.31	-37.25	0.18836	≤2.5	PASS
				5132.5~5150	5149.44	-33.41	3.31	-30.10	0.97724	≤15	PASS
				5250~5251	5250.94	-24.05	3.31	-20.74	8.43335	≤28.7	PASS
				5251~5290	5251.00	-28.50	3.31	-25.19	3.02691	≤25.0	PASS
				5290~5296.7	5294.56	-41.52	3.31	-38.21	0.15101	≤2.9	PASS
				5296.7~26000	5304.98	-43.13	3.31	-39.82	0.10423	≤2.5	PASS
			5290	30~5203.3	5196.06	-38.08	3.31	-34.77	0.33343	≤2.5	PASS
				5203.3~5210	5204.05	-36.56	3.31	-33.25	0.47315	≤2.6	PASS
				5210~5249	5249.00	-26.21	3.31	-22.90	5.12861	≤25.0	PASS
				5249~5250	5249.01	-25.26	3.31	-21.95	6.38263	≤25.6	PASS
				5350~5376.8	5354.31	-33.36	3.31	-30.05	0.98855	≤15	PASS
				5376.8~26000	25765.58	-43.29	3.31	-39.98	0.10046	≤2.5	PASS
			5530	30~5460	5459.46	-38.45	3.31	-35.14	0.30620	≤12.5	PASS
				5460~5469.5	5466.00	-35.06	3.31	-31.75	0.66834	≤50	PASS
				5469.5~5470	5469.54	-34.23	3.31	-30.92	0.80910	≤51.2	PASS
				5770~26000	25619.68	-42.23	3.31	-38.92	0.12823	≤12.5	PASS
			5610	30~5460	3842.40	-45.23	3.31	-41.92	0.06427	≤12.5	PASS
				5460~5469.5	5468.01	-44.98	3.31	-41.67	0.06808	≤50	PASS
				5469.5~5470	5469.86	-44.23	3.31	-40.92	0.08091	≤51.2	PASS
				5770~26000	25757.24	-43.62	3.31	-40.31	0.09311	≤12.5	PASS
			5690	30~5460	3784.85	-45.59	3.31	-42.28	0.05916	≤12.5	PASS



			5460~5469.5	5460.02	-47.05	3.31	-43.74	0.04227	≤50	PASS
			5469.5~5470	5469.56	-46.33	3.31	-43.02	0.04989	≤51.2	PASS
			5770~26000	5772.70	-42.16	3.31	-38.85	0.13032	≤12.5	PASS

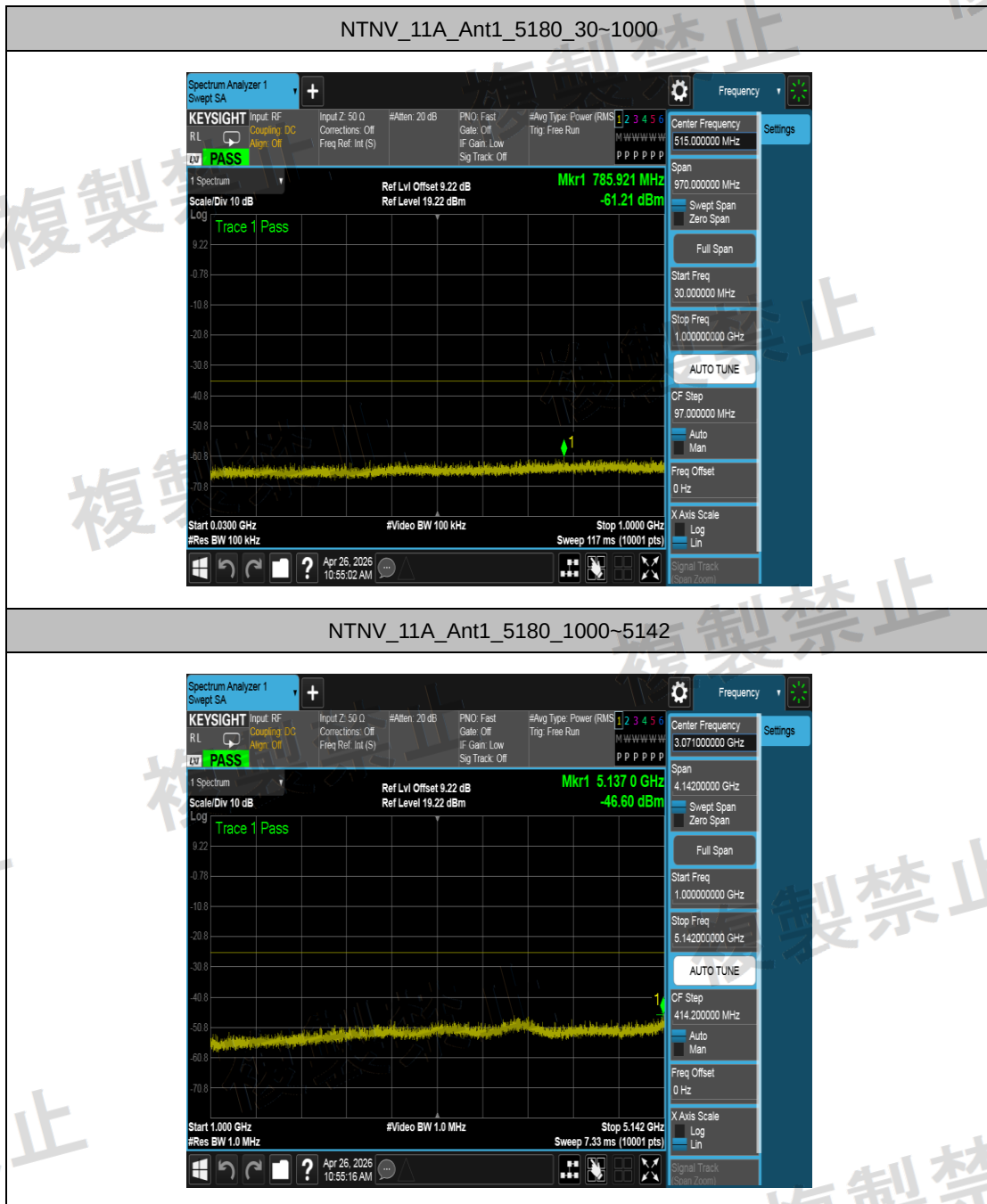
Note:

- 1) For 30~1000MHz frequency band, the test result value $B=A+10*\log(RBW_{ref}/RBW_{measured})$, where A is the measured value at the wider measurement bandwidth $RBW_{measured}$; B is the corresponding value at RBW_{REF} .
- 2) The table result is added the antenna gain.

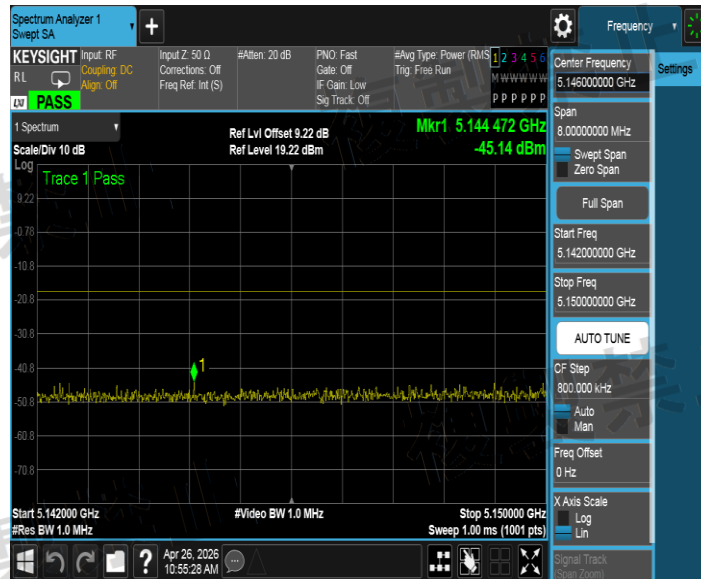
Test Result_Step2

Test Condition	Test Mode	Antenna	Frequency (MHz)	Frequency [MHz]	Result [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	11N20SISO	Ant1	5240	5250.78	-30.44	3.31	-27.13	1.93642	≤138	PASS
			5260	5248.96	-31.60	3.31	-28.29	1.48252	≤100	PASS
				5249.10	-31.09	3.31	-27.78	1.66725	≤107	PASS
	11AC20SISO	Ant1	5240	5250.91	-30.15	3.31	-26.84	2.07014	≤162	PASS
			5260	5248.97	-31.33	3.31	-28.02	1.57761	≤100	PASS
				5249.14	-31.01	3.31	-27.70	1.69824	≤112	PASS

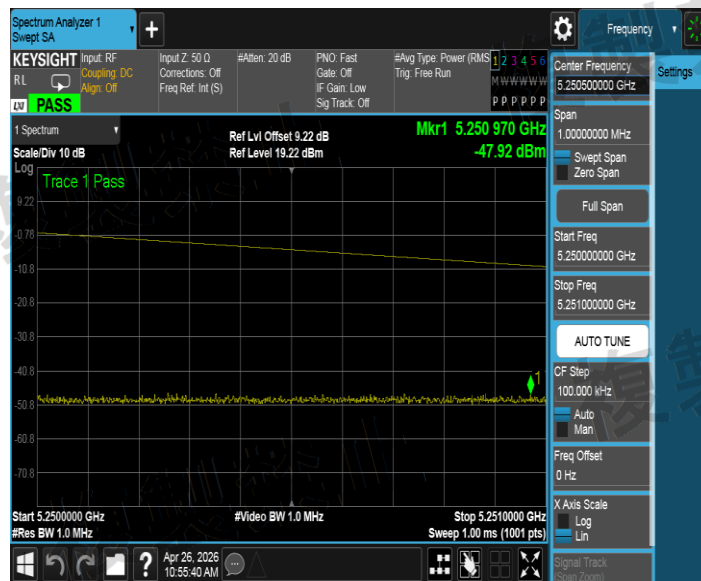
Test Plots:



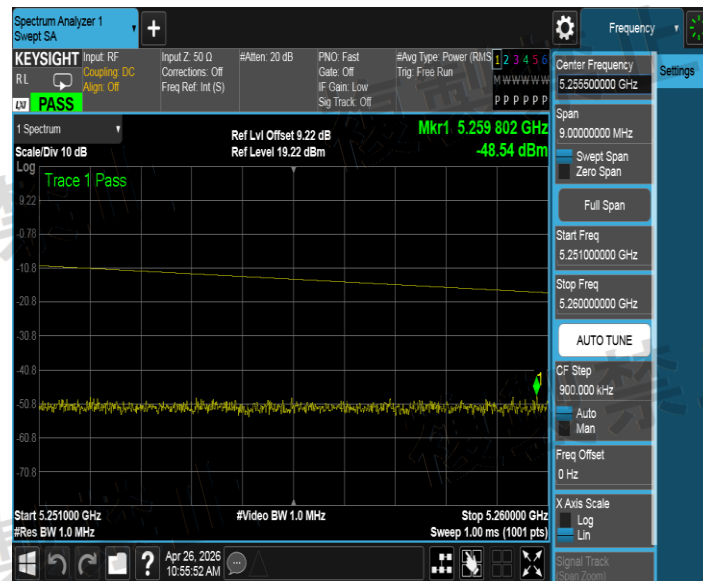
NTNV_11A_Ant1_5180_5142~5150



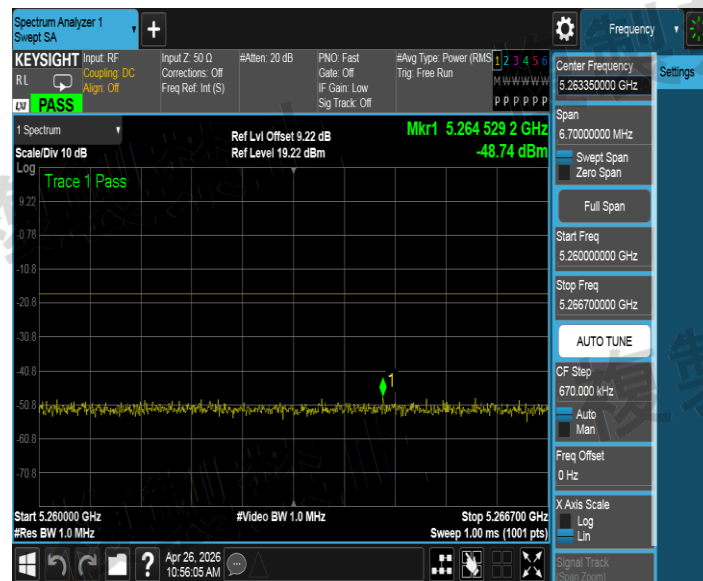
NTNV_11A_Ant1_5180_5250~5251



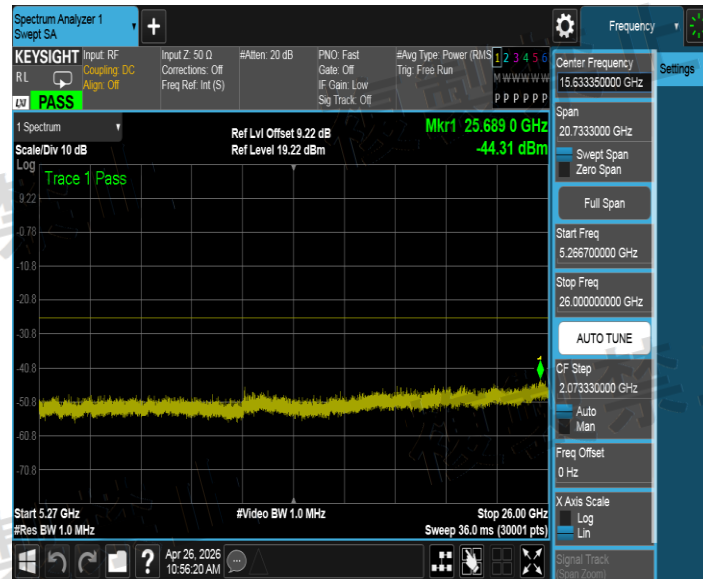
NTNV_11A_Ant1_5180_5251~5260



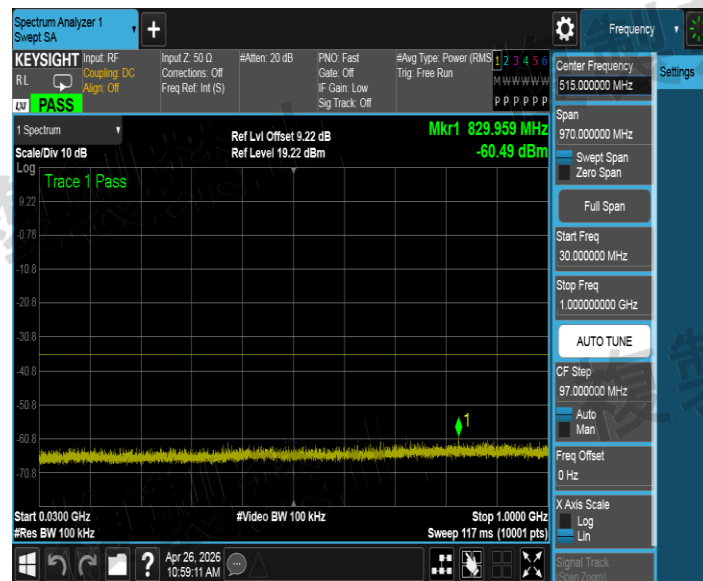
NTNV_11A_Ant1_5180_5260~5266.7



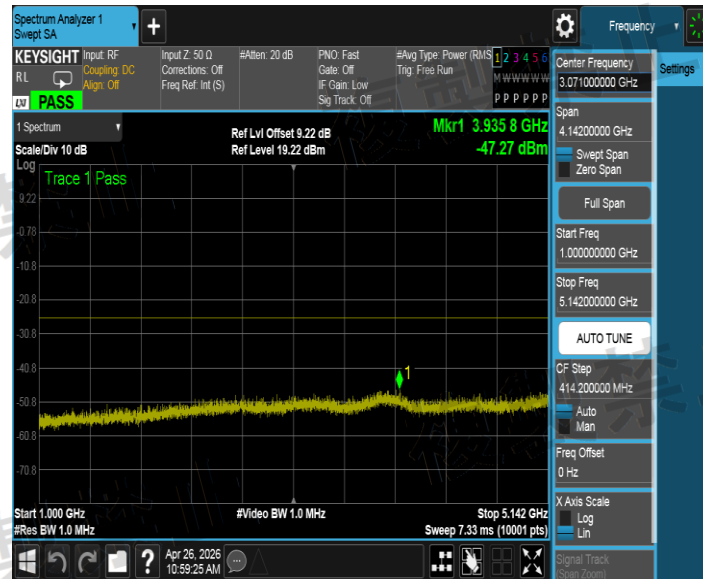
NTNV_11A_Ant1_5180_5266.7~26000



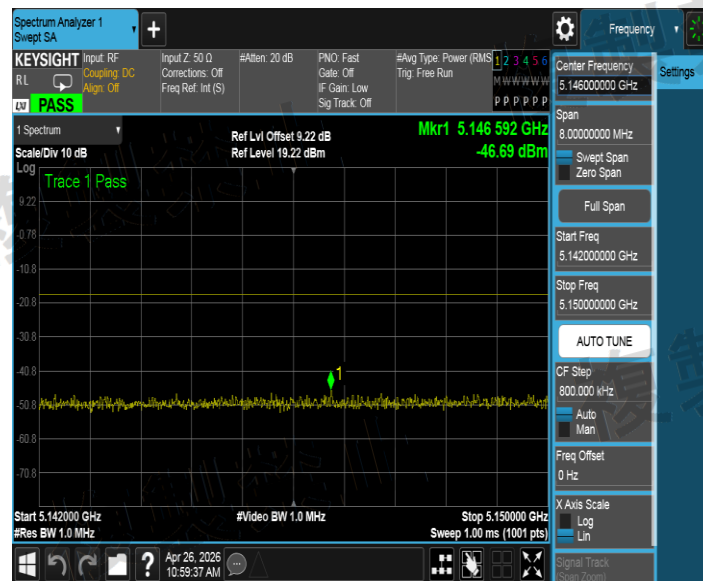
NTNV_11A_Ant1_5200_30~1000



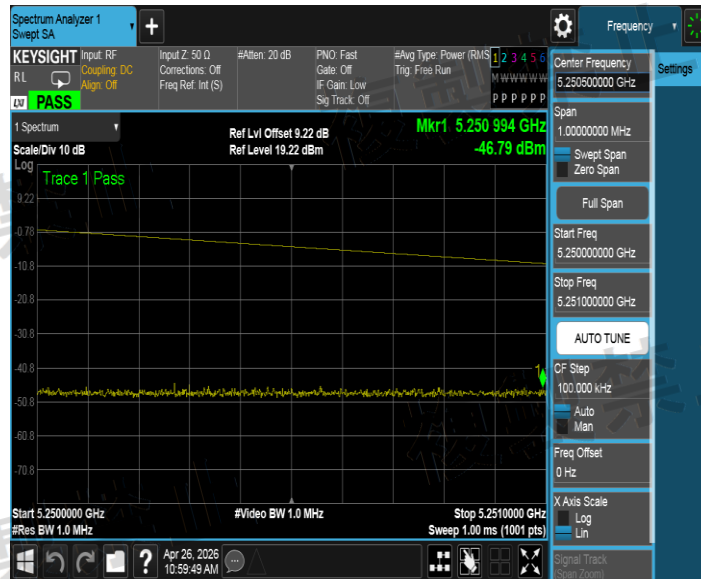
NTNV_11A_Ant1_5200_1000~5142



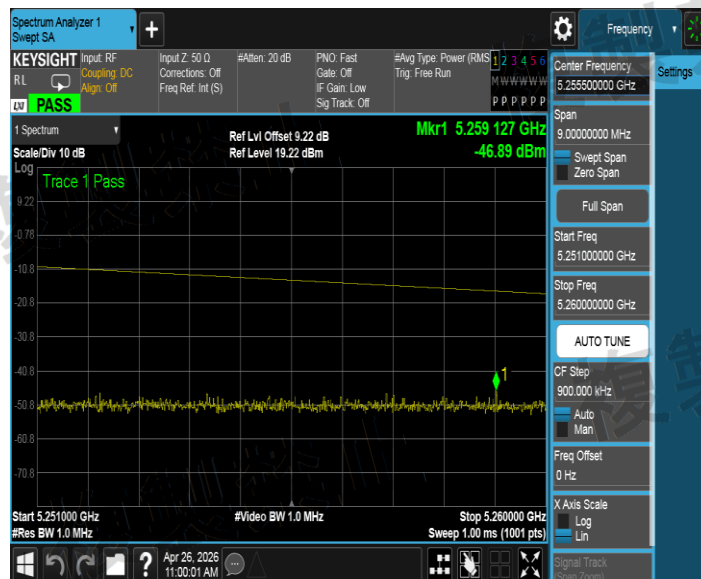
NTNV_11A_Ant1_5200_5142~5150



NTNV_11A_Ant1_5200_5250~5251



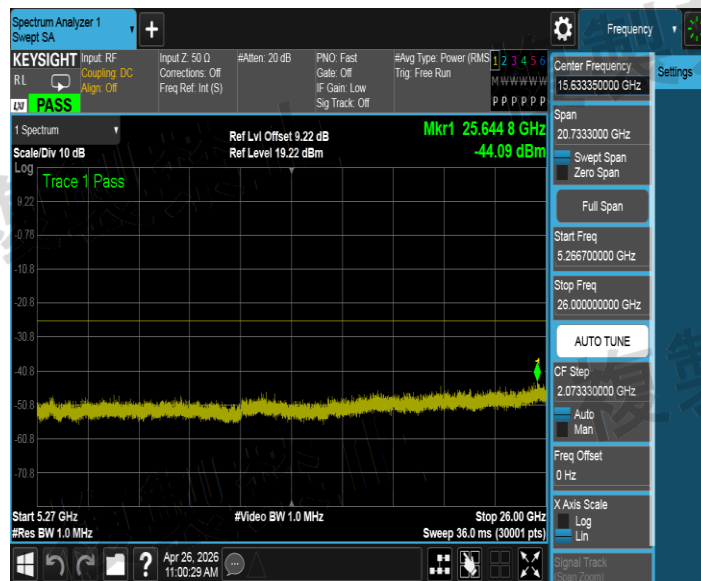
NTNV_11A_Ant1_5200_5251~5260



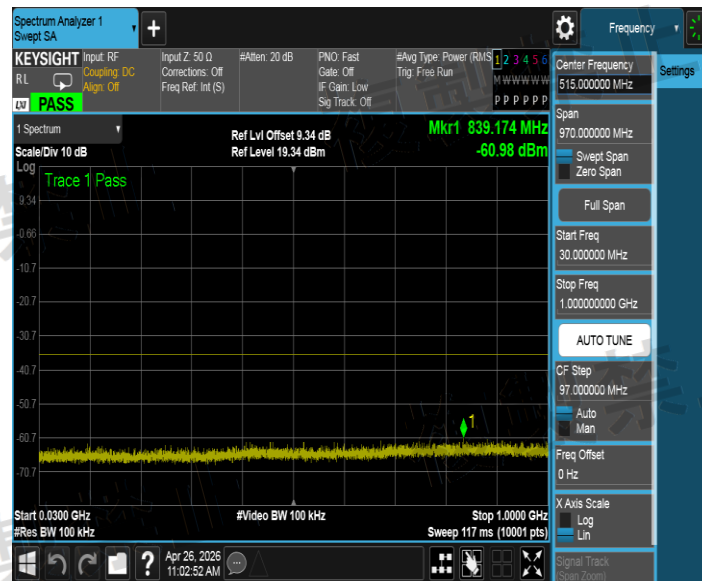
NTNV_11A_Ant1_5200_5260~5266.7



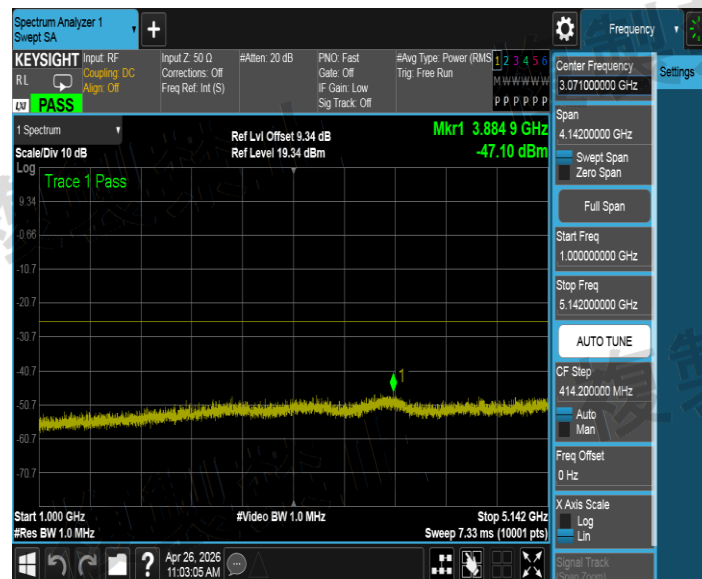
NTNV_11A_Ant1_5200_5266.7~26000



NTNV_11A_Ant1_5240_30~1000



NTNV_11A_Ant1_5240_1000~5142



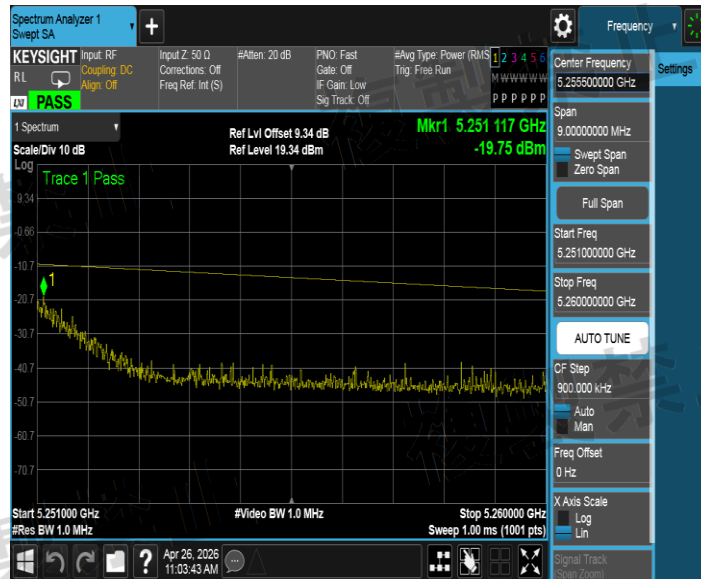
NTNV_11A_Ant1_5240_5142~5150



NTNV_11A_Ant1_5240_5250~5251



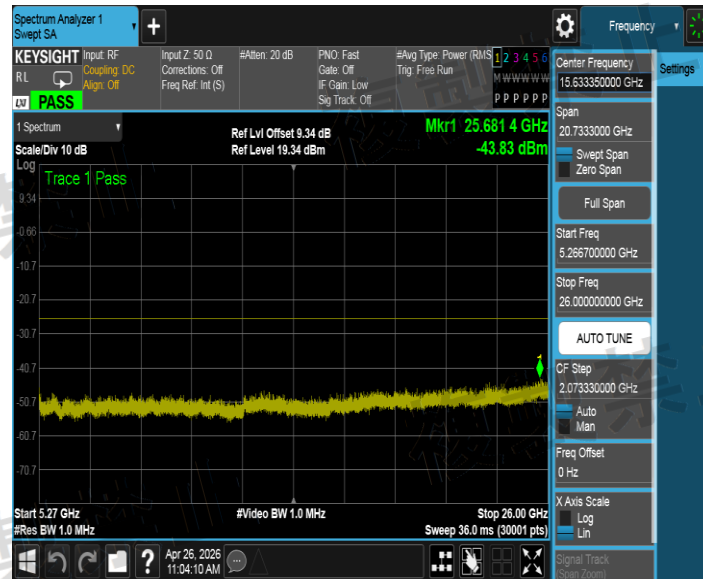
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NTNV_11A_Ant1_5240_5260~5266.7



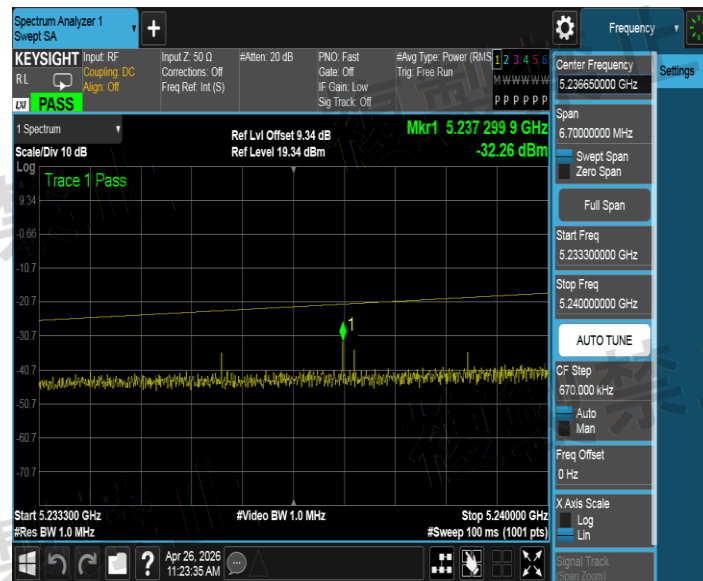
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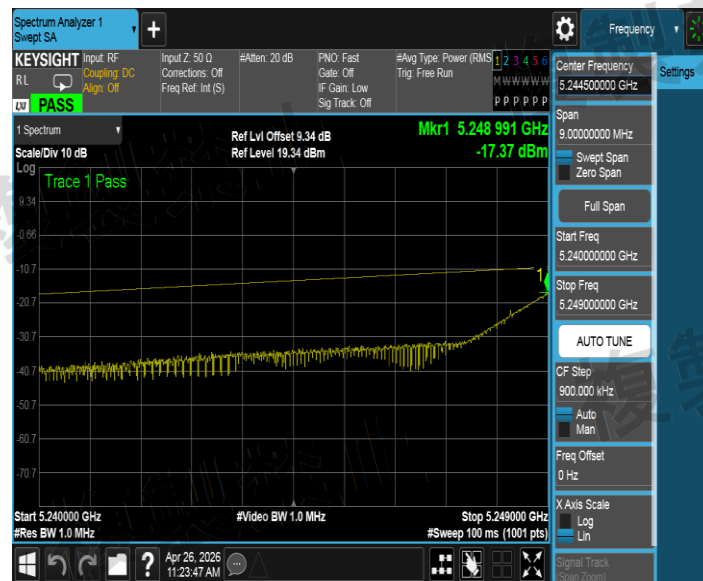
NTNV_11A_Ant1_5260_30~5233.3



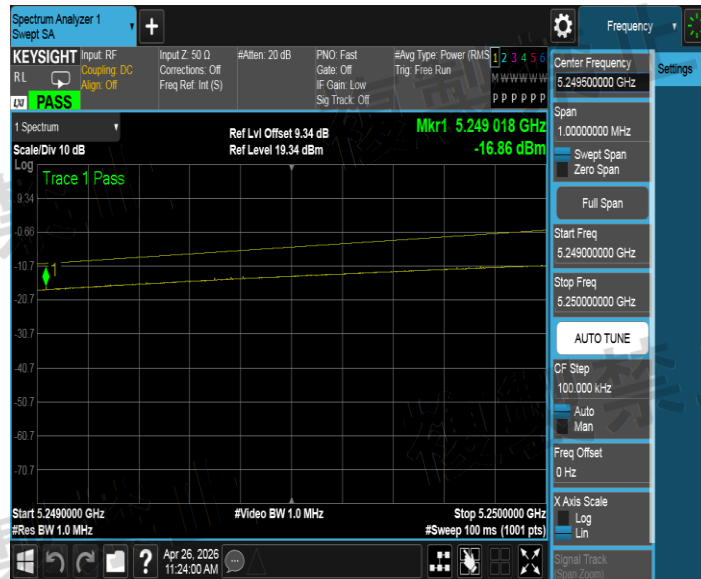
NTNV_11A_Ant1_5260_5233.3~5240



NTNV_11A_Ant1_5260_5240~5249



NTNV_11A_Ant1_5260_5249~5250



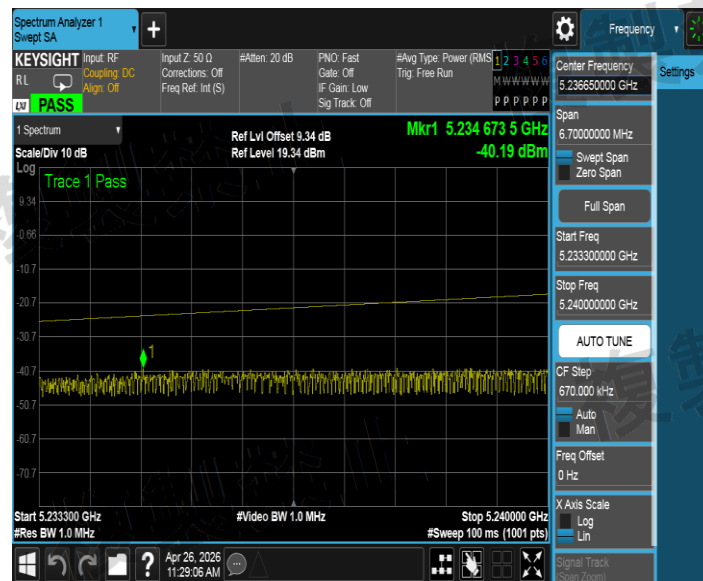
NTNV_11A_Ant1_5260_5350~26000



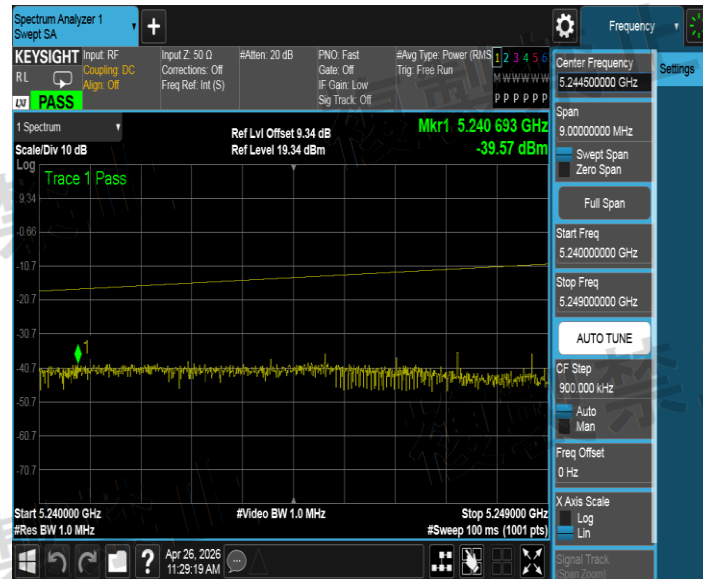
NTNV_11A_Ant1_5280_30~5233.3



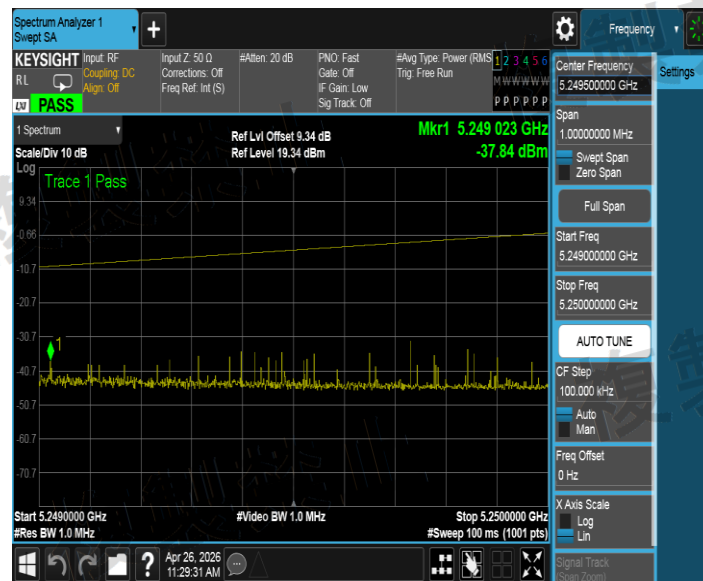
NTNV_11A_Ant1_5280_5233.3~5240



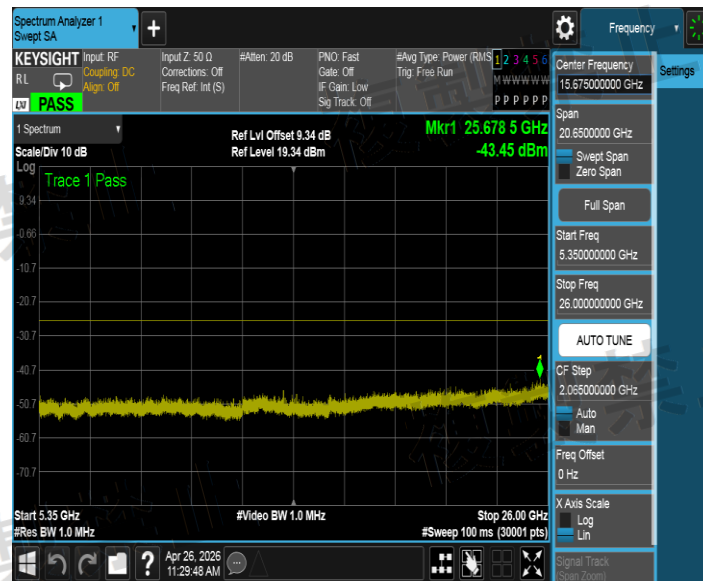
NTNV_11A_Ant1_5280_5240~5249



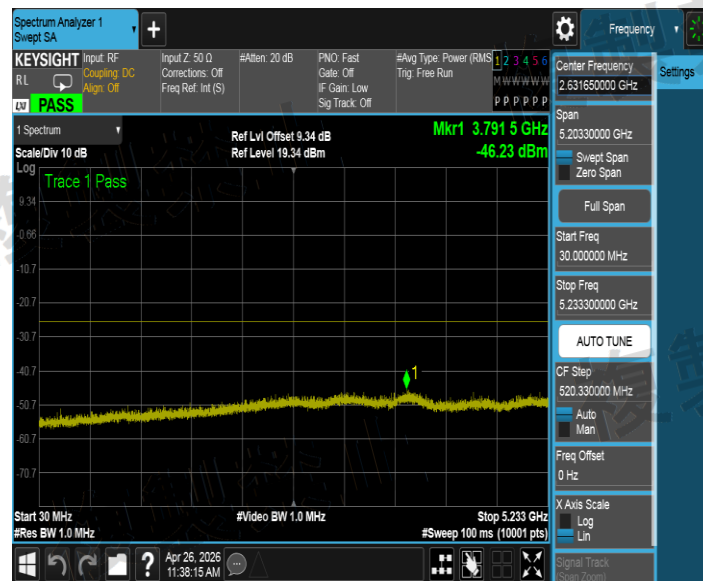
NTNV_11A_Ant1_5280_5249~5250



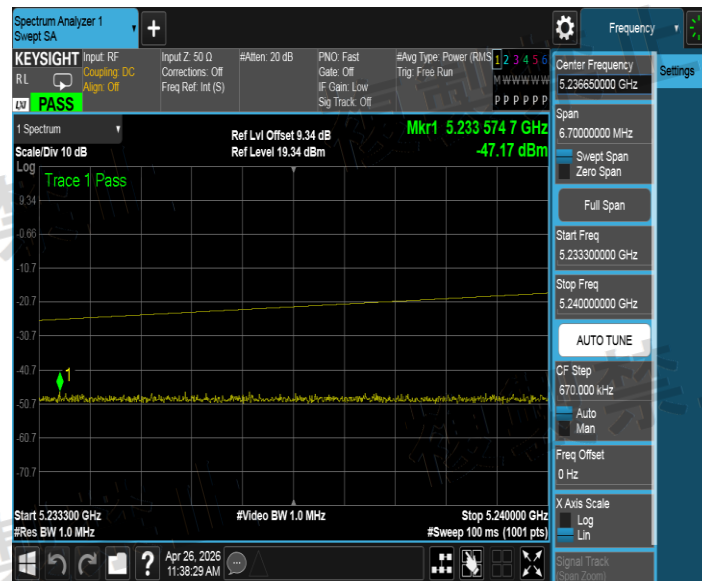
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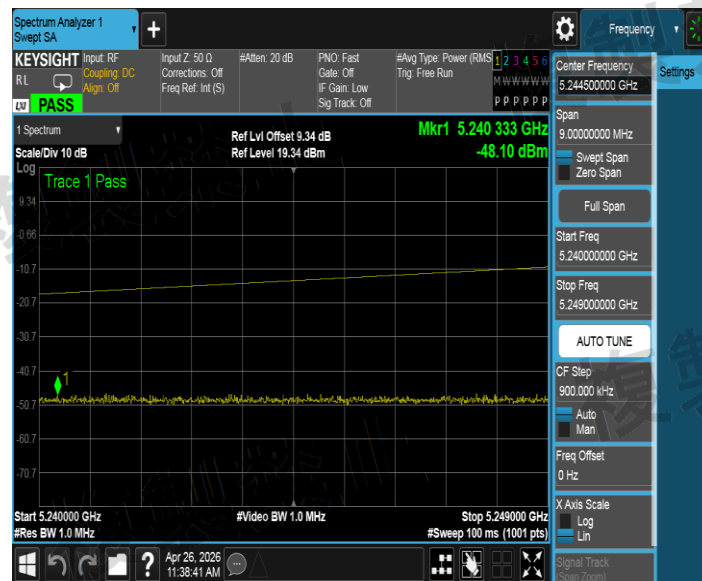
NTNV_11A_Ant1_5320_30~5233.3



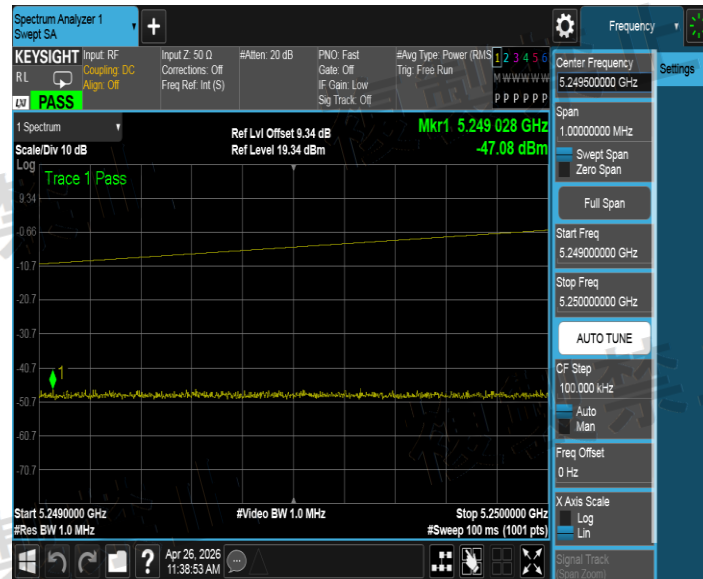
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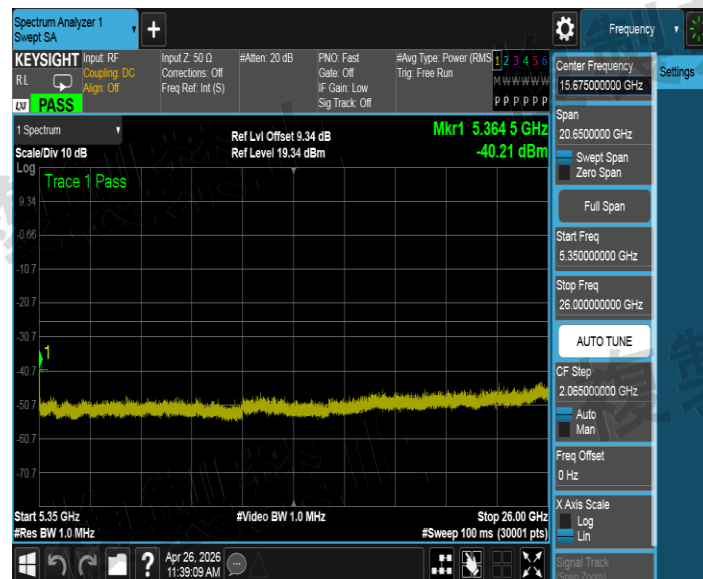
NTNV_11A_Ant1_5320_5240~5249



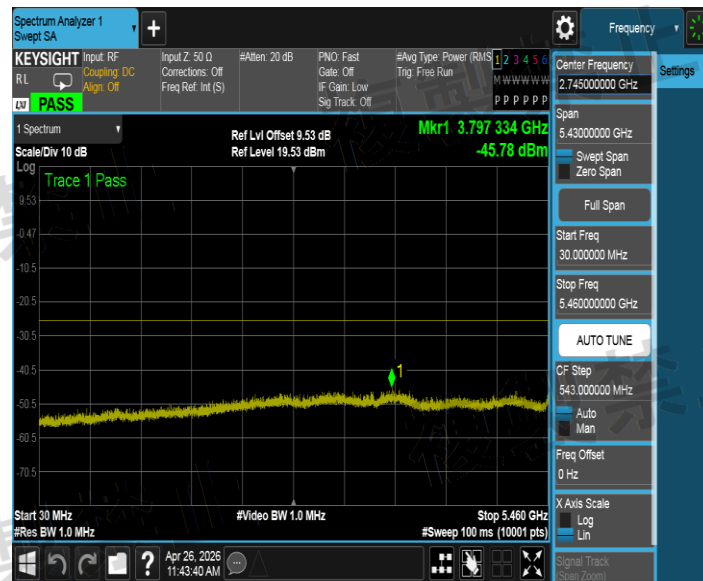
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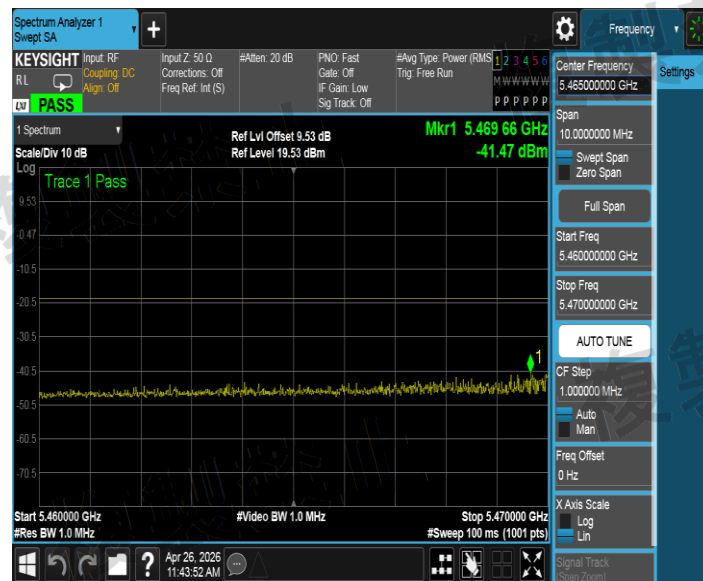
NTNV_11A_Ant1_5320_5350~26000



NTNV_11A_Ant1_5500_30~5460



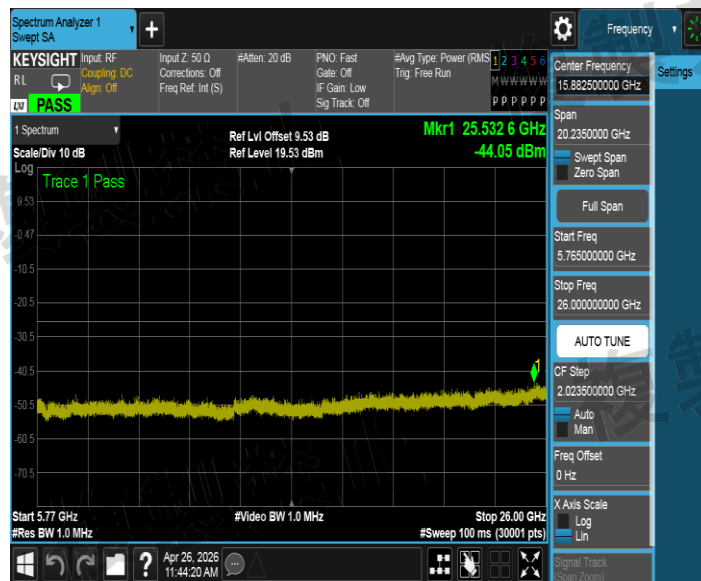
NTNV_11A_Ant1_5500_5460~5470



NTNV_11A_Ant1_5500_5745~5765



NTNV_11A_Ant1_5500_5765~26000



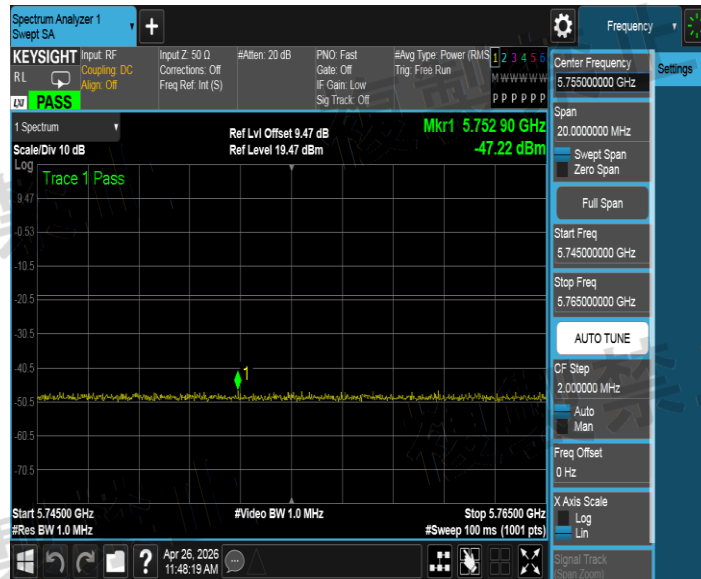
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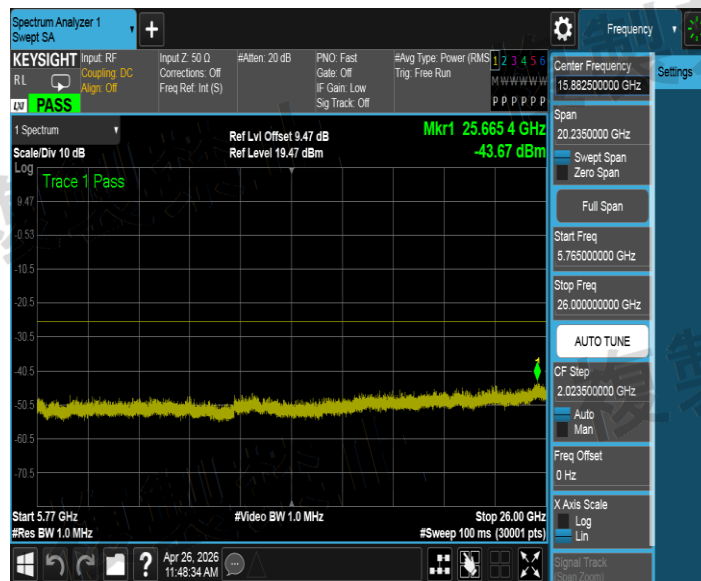
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NTNV_11A_Ant1_5600_5745~5765



NTNV_11A_Ant1_5600_5765~26000



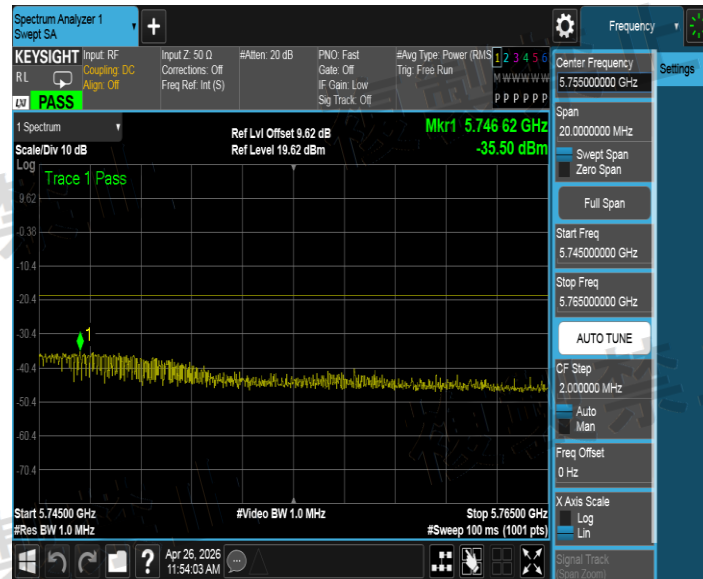
NTNV_11A_Ant1_5720_30~5460



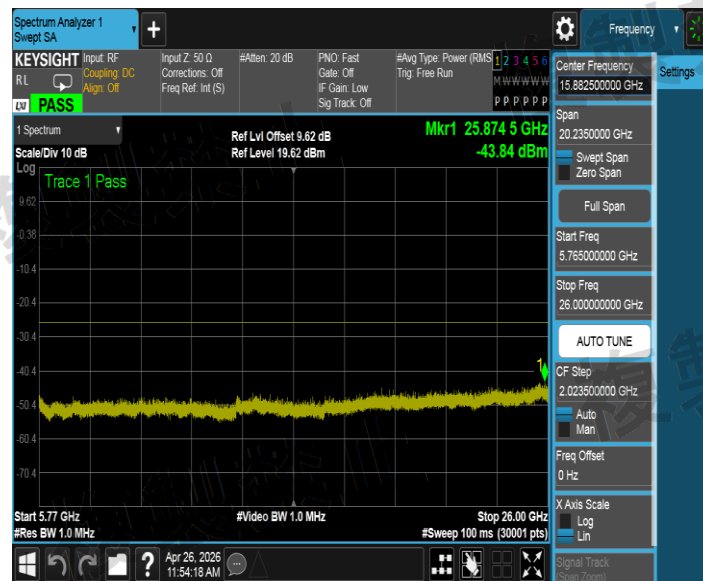
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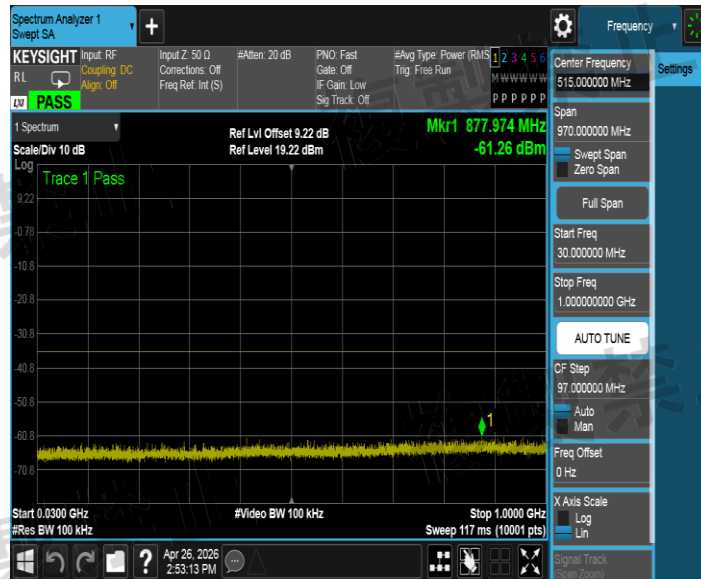
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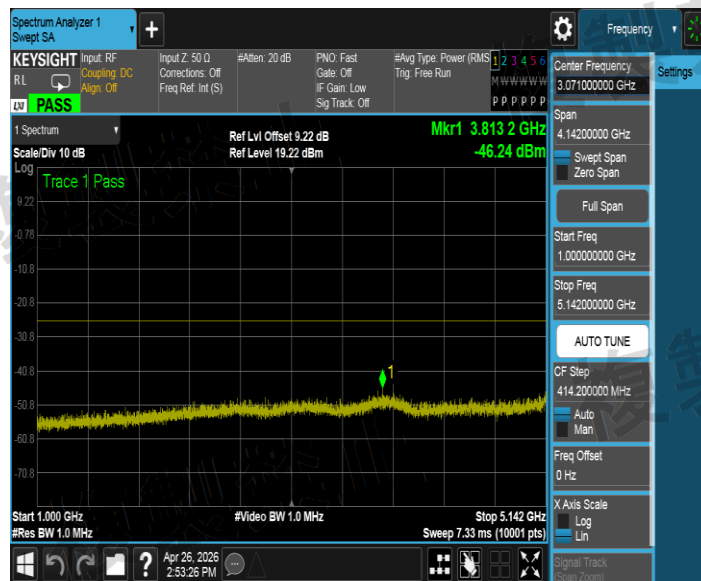
NTNV_11A_Ant1_5720_5765~26000



NTNV_11N20SISO_Ant1_5180_30~1000



NTNV_11N20SISO_Ant1_5180_1000~5142



NTNV_11N20SISO_Ant1_5180_5142~5150



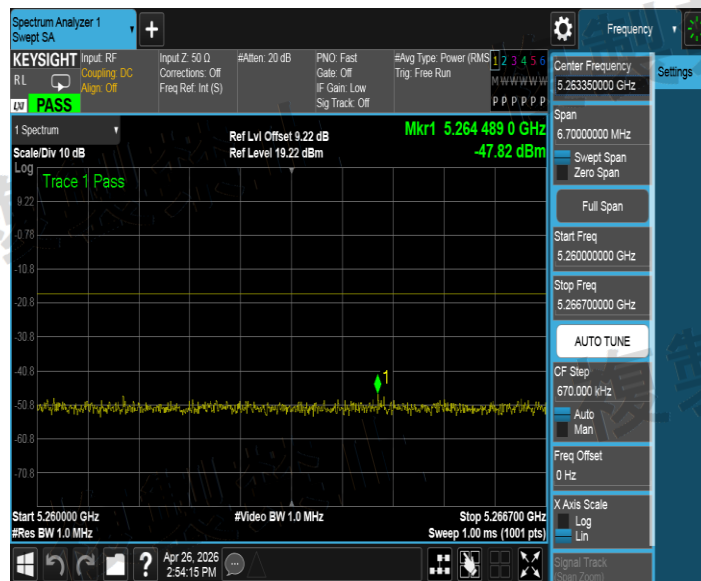
NTNV_11N20SISO_Ant1_5180_5250~5251



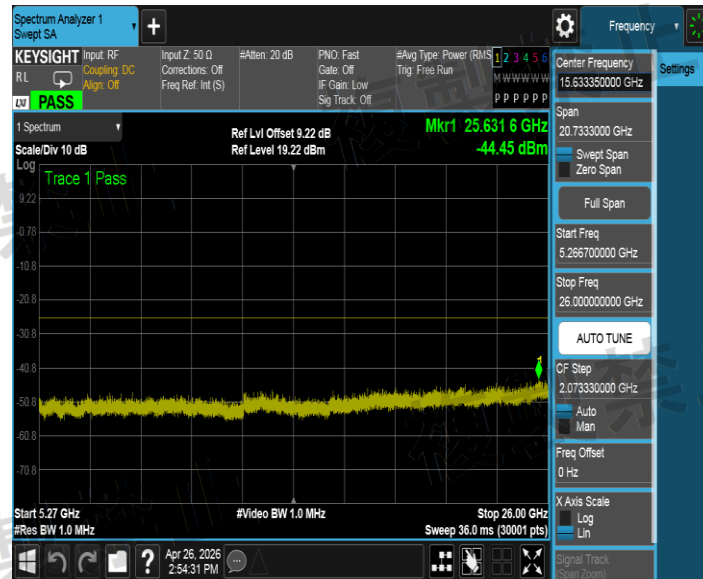
NTNV_11N20SISO_Ant1_5180_5251~5260



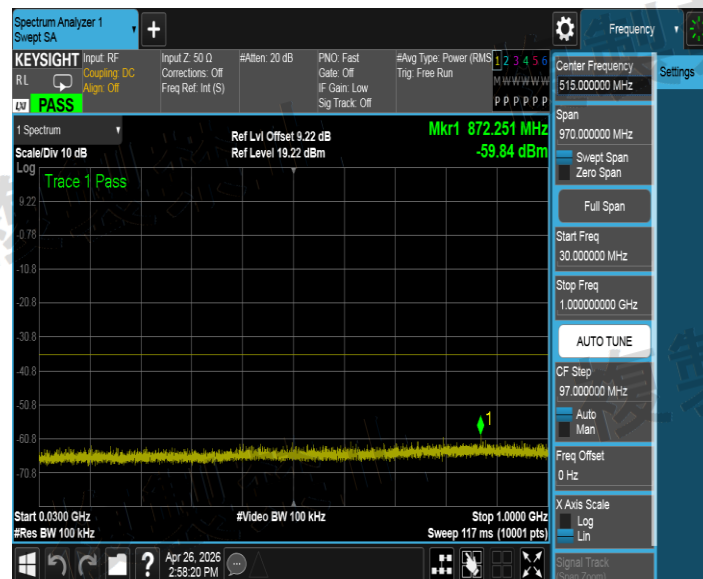
NTNV_11N20SISO_Ant1_5180_5260~5266.7



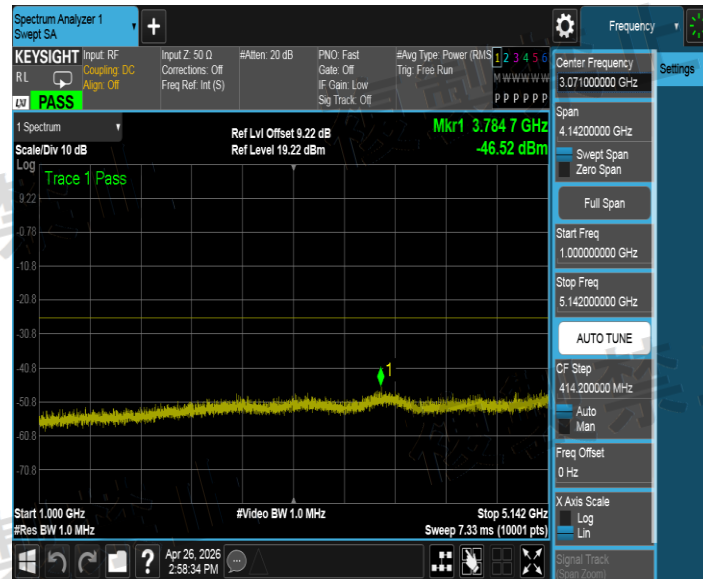
NTNV_11N20SISO_Ant1_5180_5266.7~26000



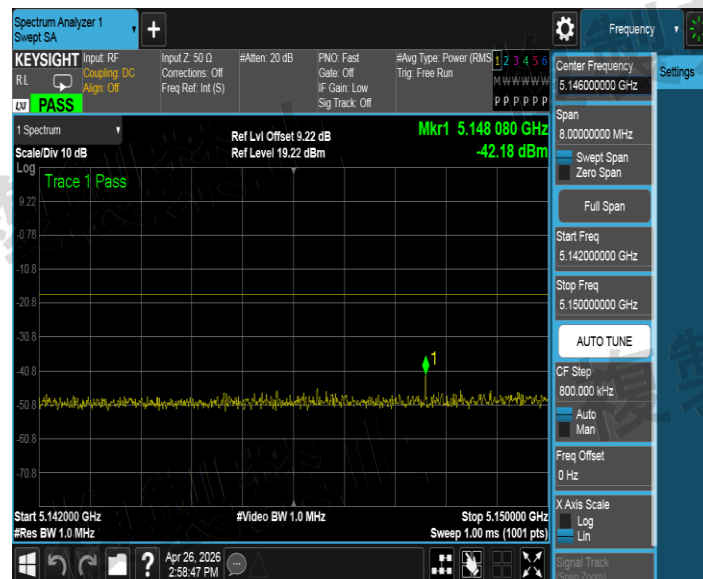
NTNV_11N20SISO_Ant1_5200_30~1000



NTNV_11N20SISO_Ant1_5200_1000~5142



NTNV_11N20SISO_Ant1_5200_5142~5150



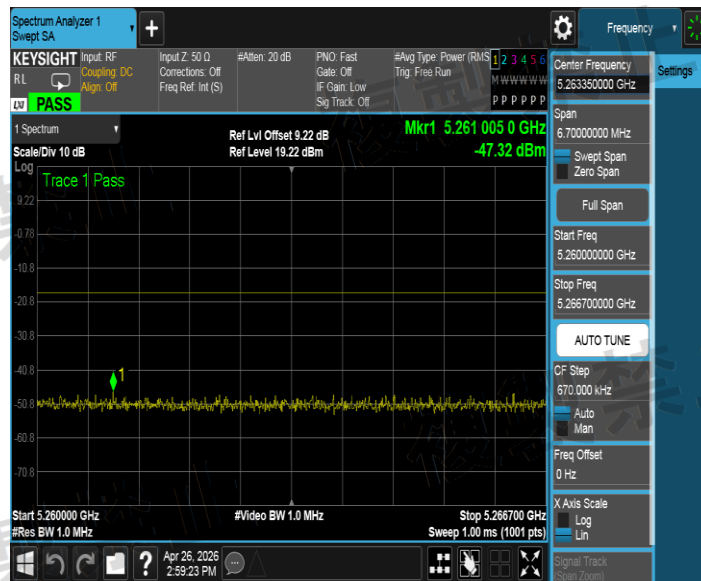
NTNV_11N20SISO_Ant1_5200_5250~5251



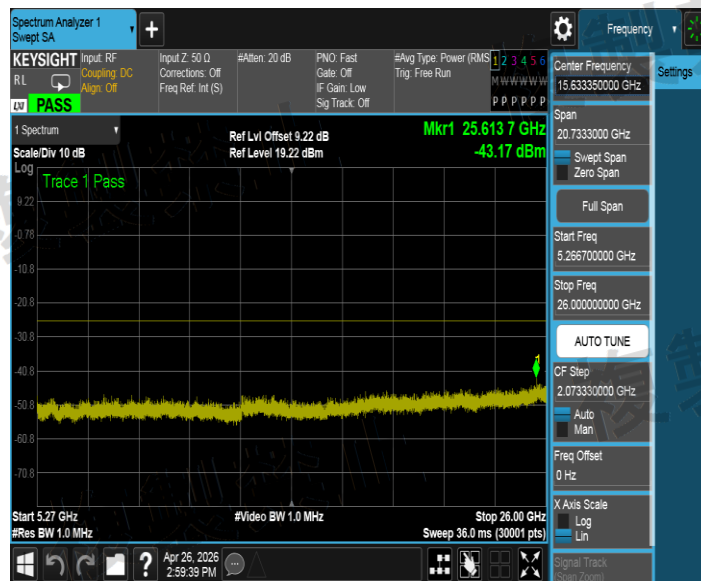
NTNV_11N20SISO_Ant1_5200_5251~5260



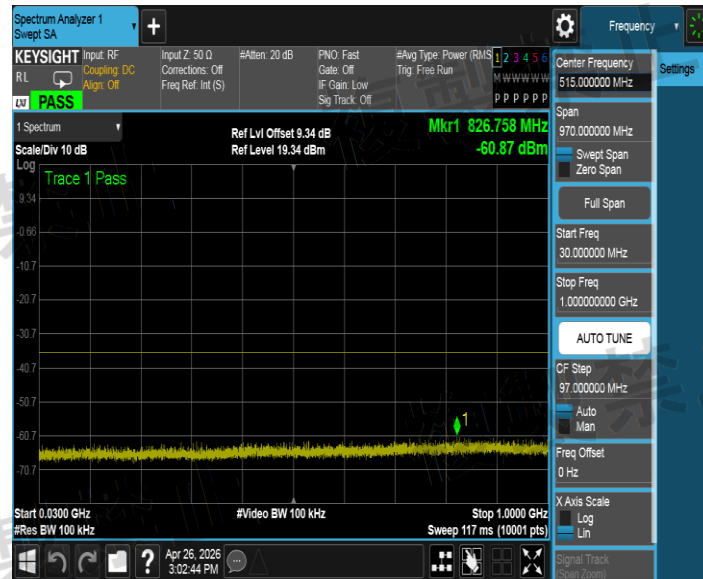
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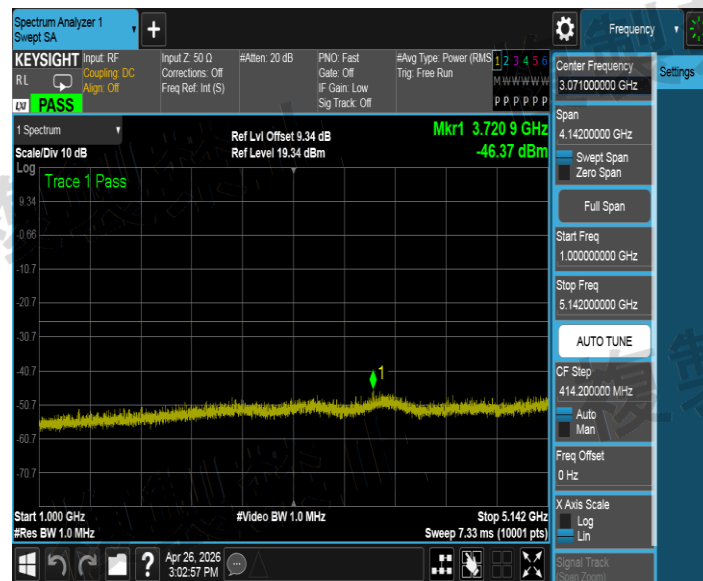
NTNV_11N20SISO_Ant1_5200_5266.7~26000



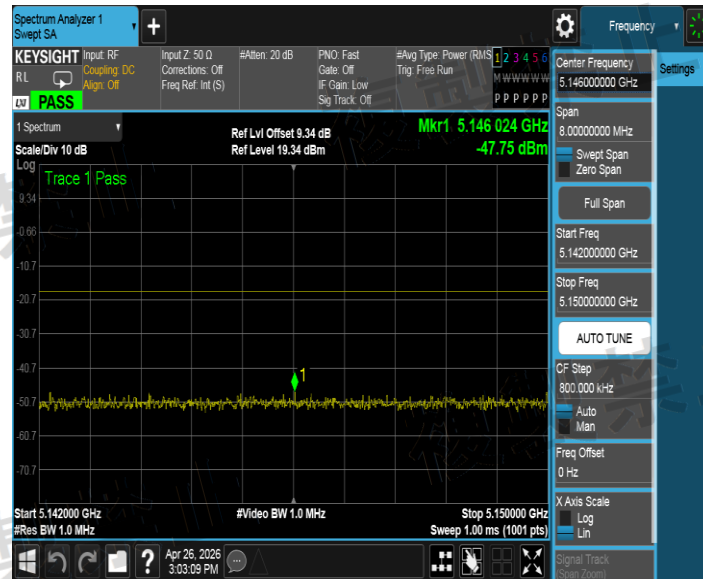
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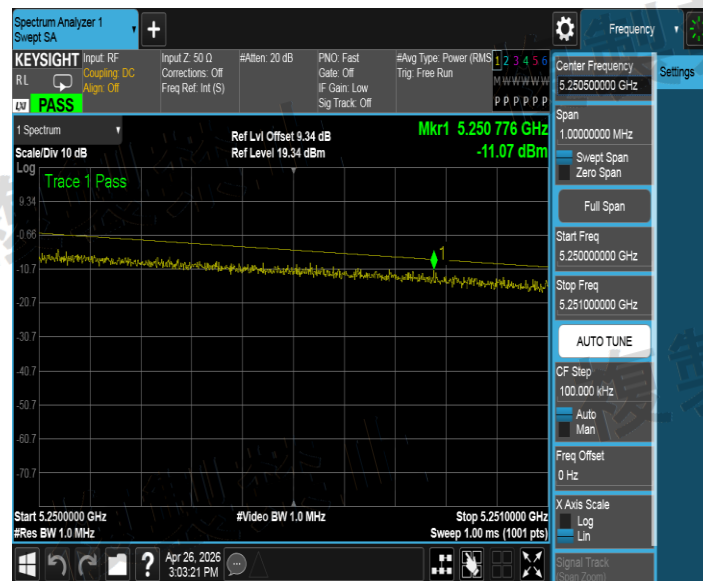
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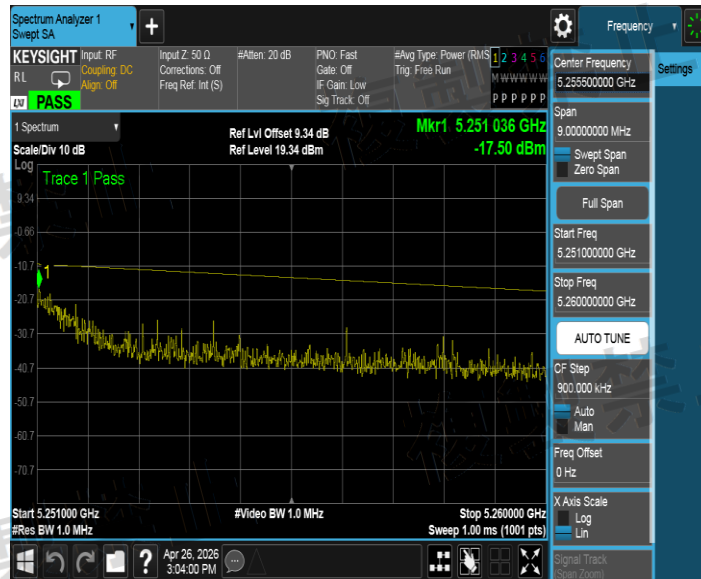
NTNV_11N20SISO_Ant1_5240_5142~5150



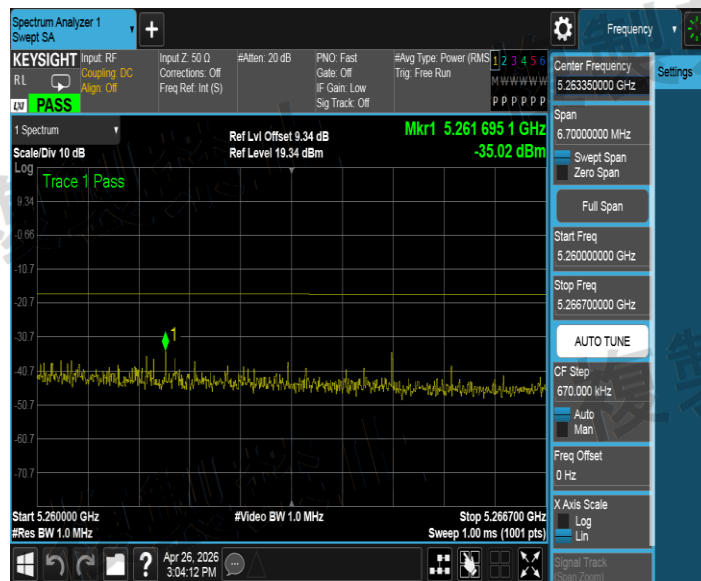
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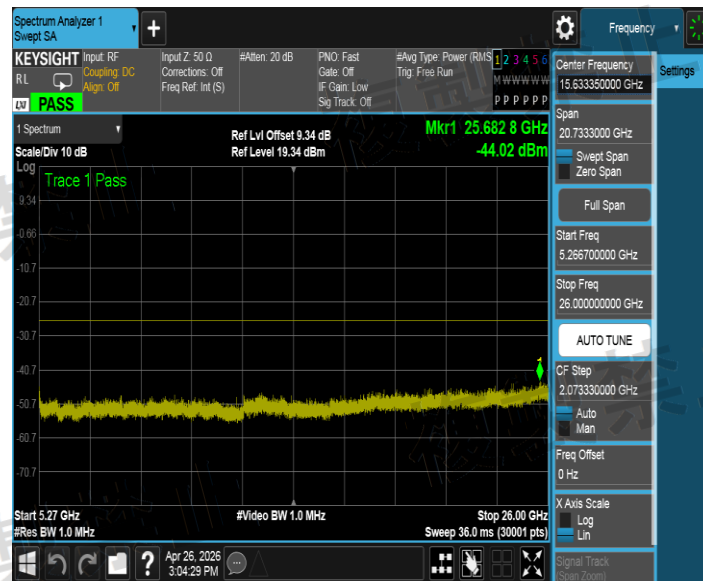
NTNV_11N20SISO_Ant1_5240_5251~5260



NTNV_11N20SISO_Ant1_5240_5260~5266.7



NTNV_11N20SISO_Ant1_5240_5266.7~26000



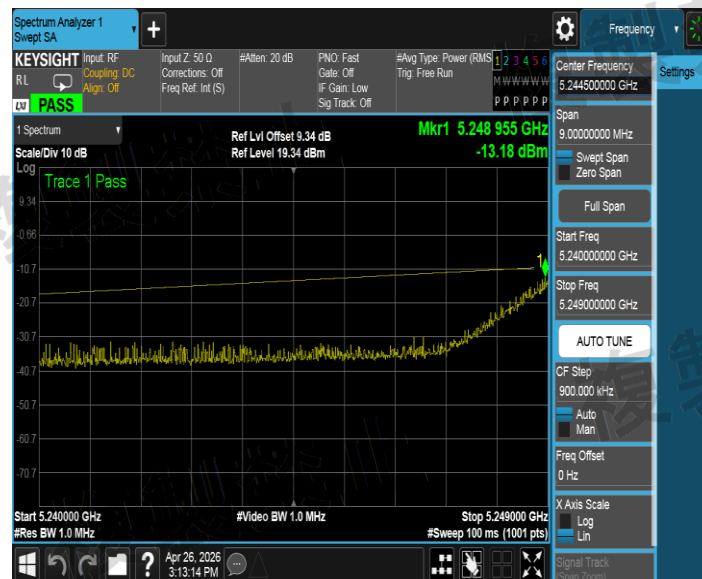
NTNV_11N20SISO_Ant1_5260_30~5233.3



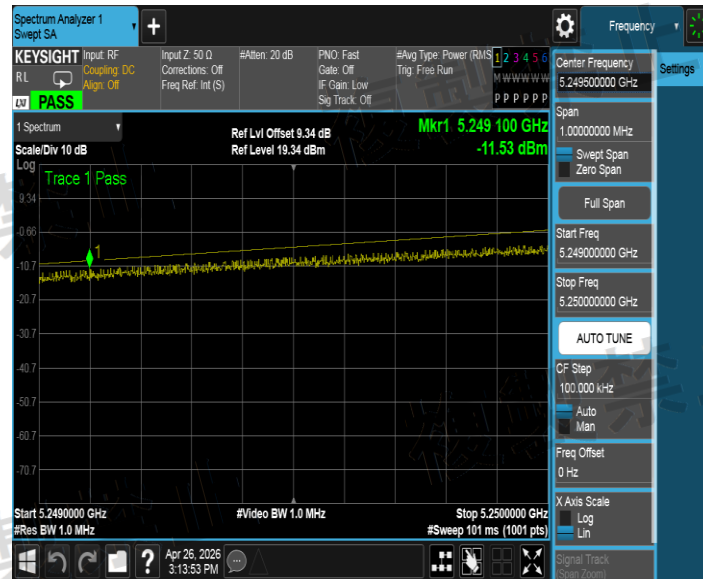
NTNV_11N20SISO_Ant1_5260_5233.3~5240



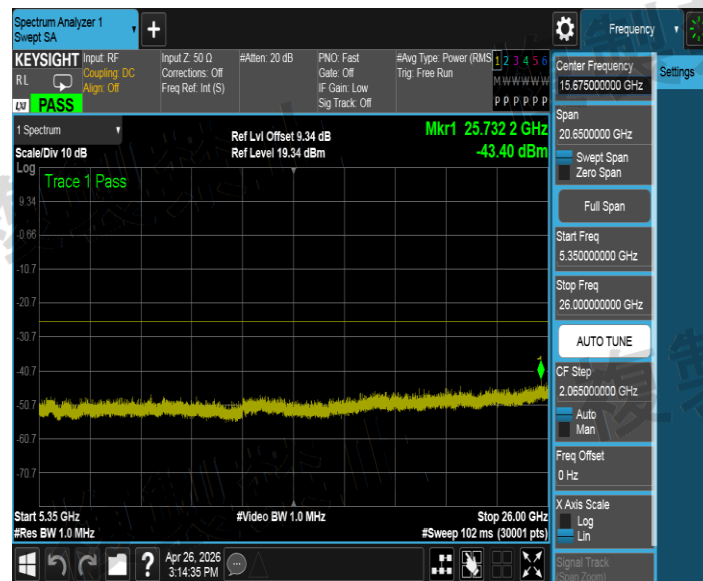
NTNV_11N20SISO_Ant1_5260_5240~5249



NTNV_11N20SISO_Ant1_5260_5249~5250



NTNV_11N20SISO_Ant1_5260_5350~26000



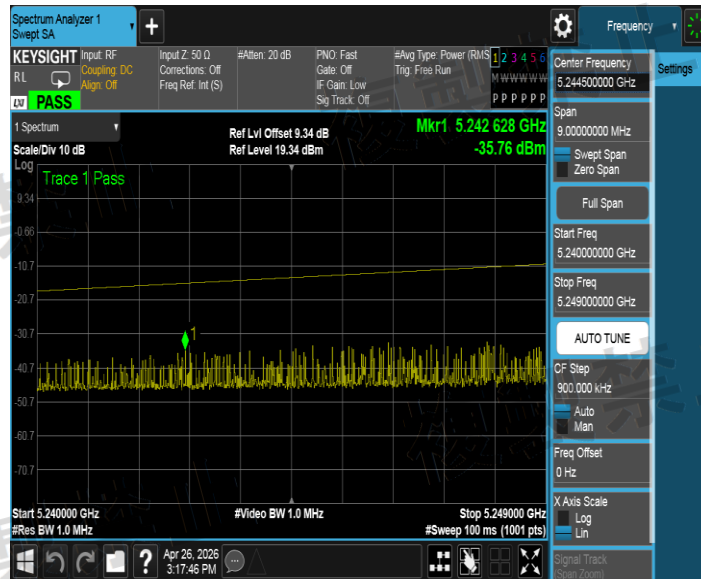
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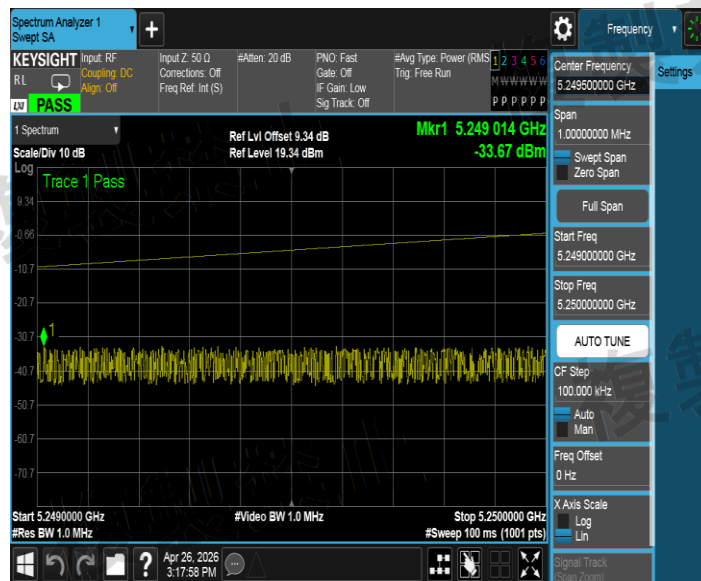
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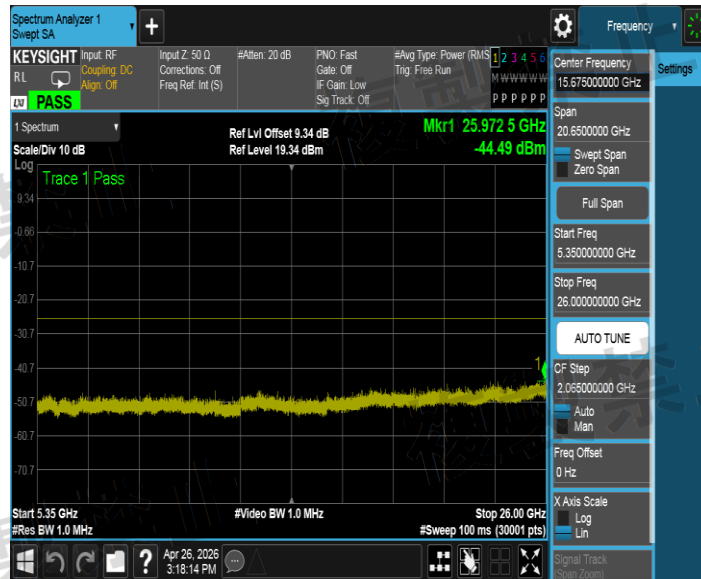
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NTNV_11N20SISO_Ant1_5280_5249~5250



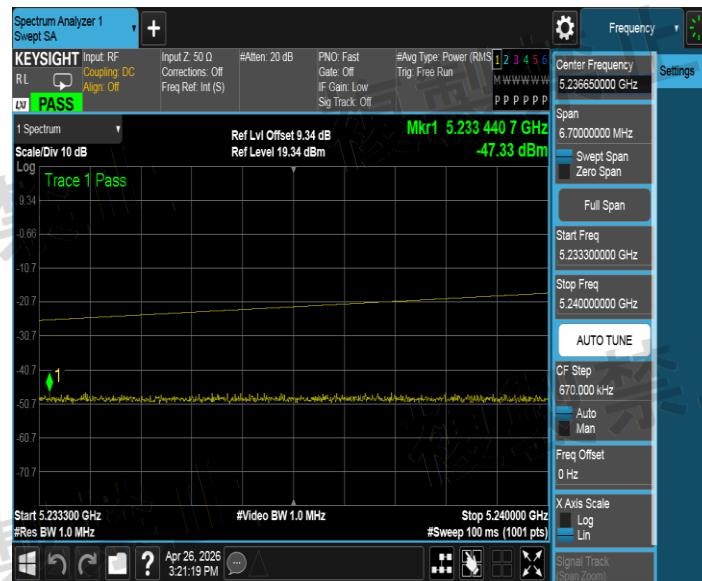
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NTNV_11N20SISO_Ant1_5320_30~5233.3



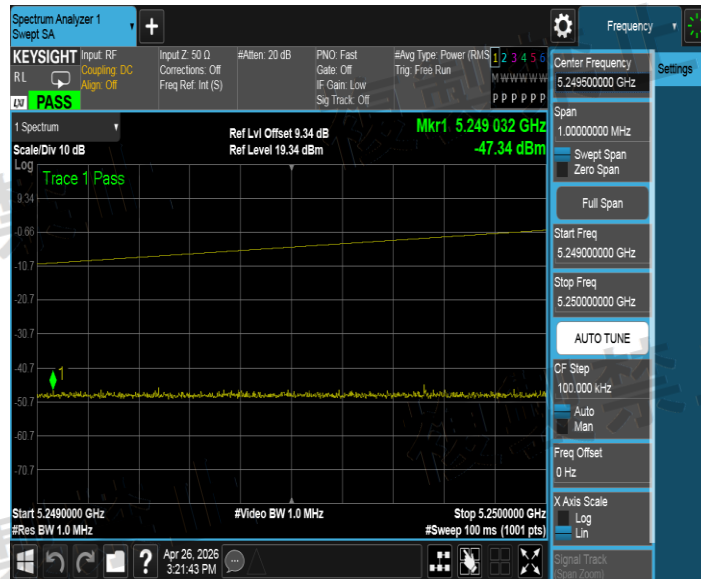
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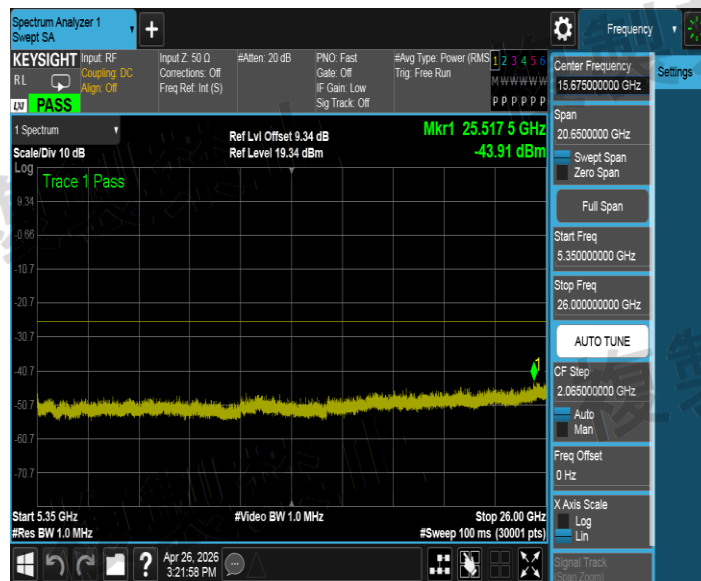
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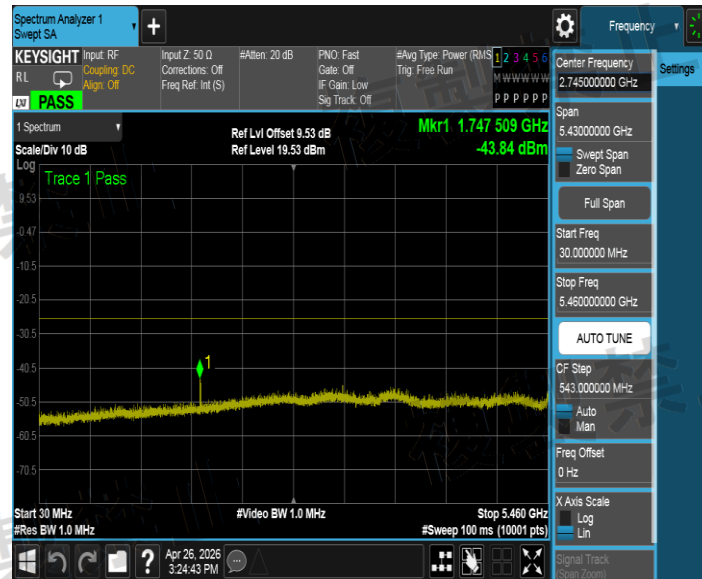
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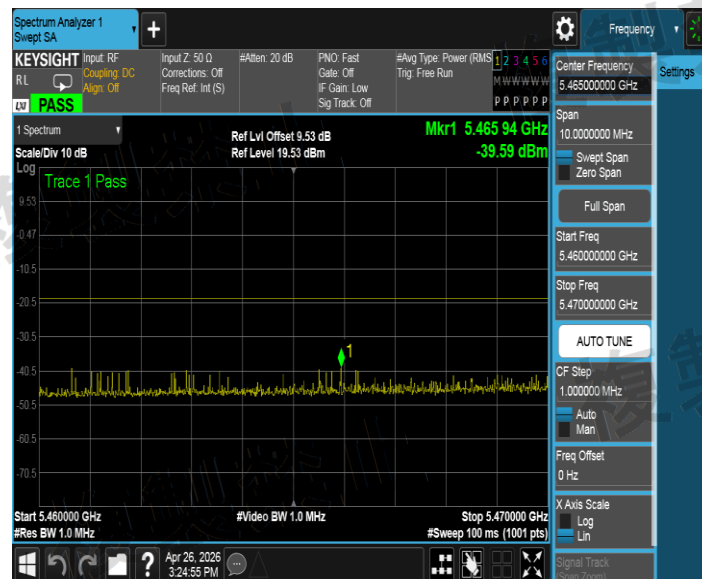
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NTNV_11N20SISO_Ant1_5500_30~5460



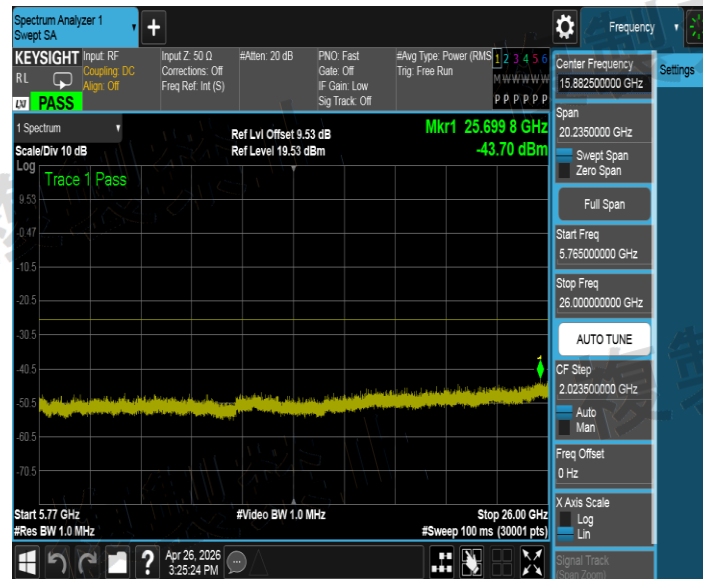
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NTNV_11N20SISO_Ant1_5500_5745~5765



NTNV_11N20SISO_Ant1_5500_5765~26000



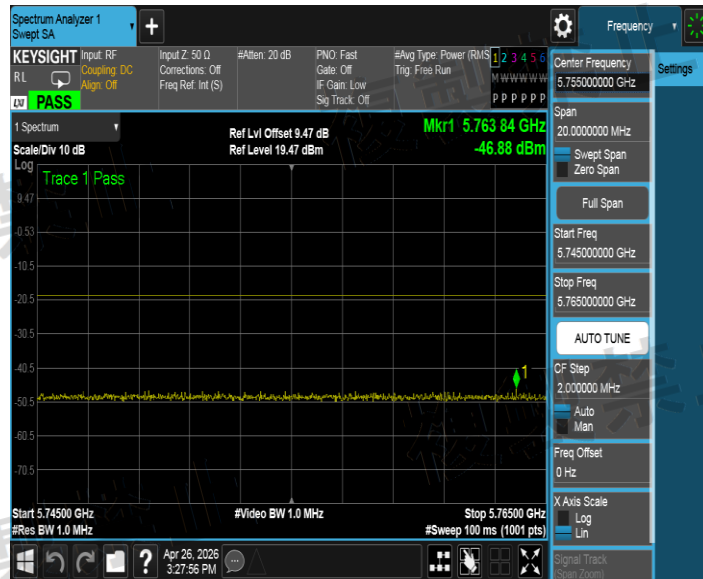
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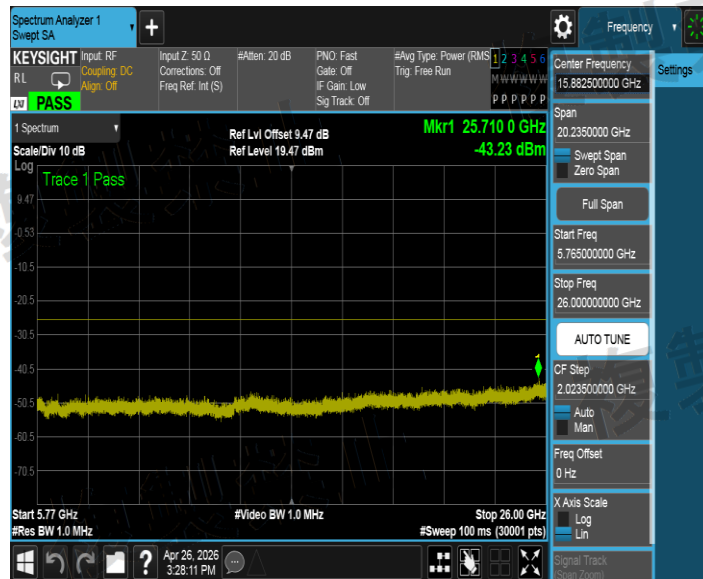
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NTNV_11N20SISO_Ant1_5600_5745~5765



NTNV_11N20SISO_Ant1_5600_5765~26000



NTNV_11N20SISO_Ant1_5720_30~5460



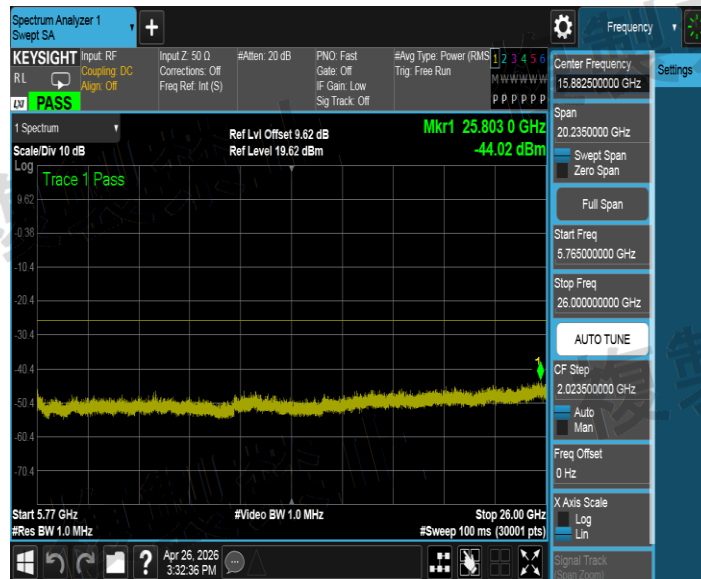
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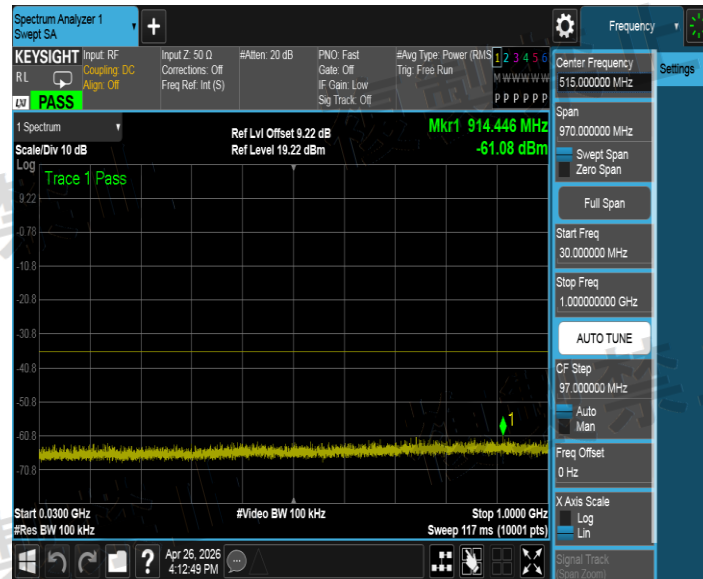
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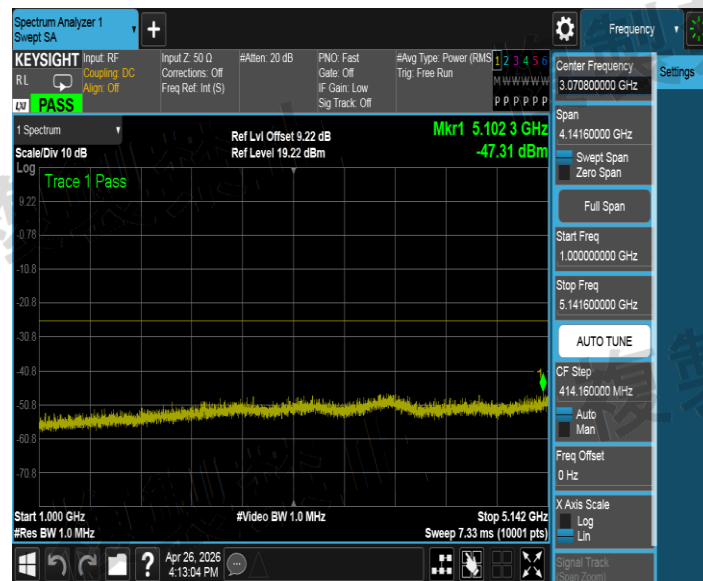
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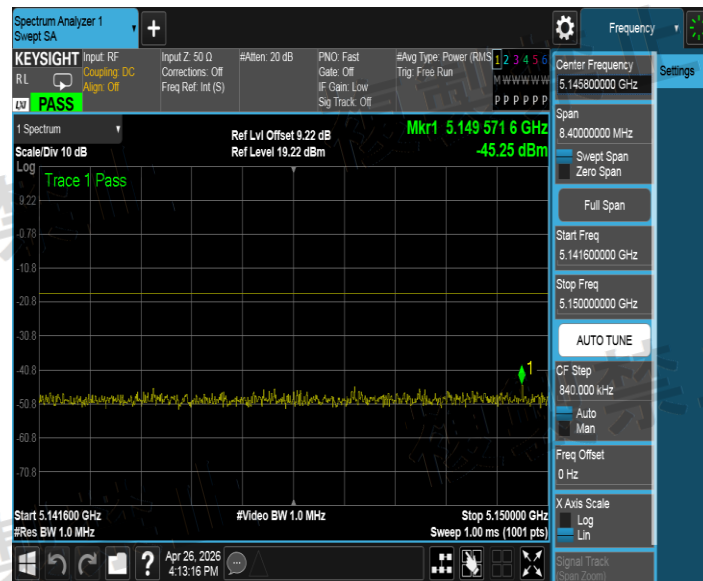
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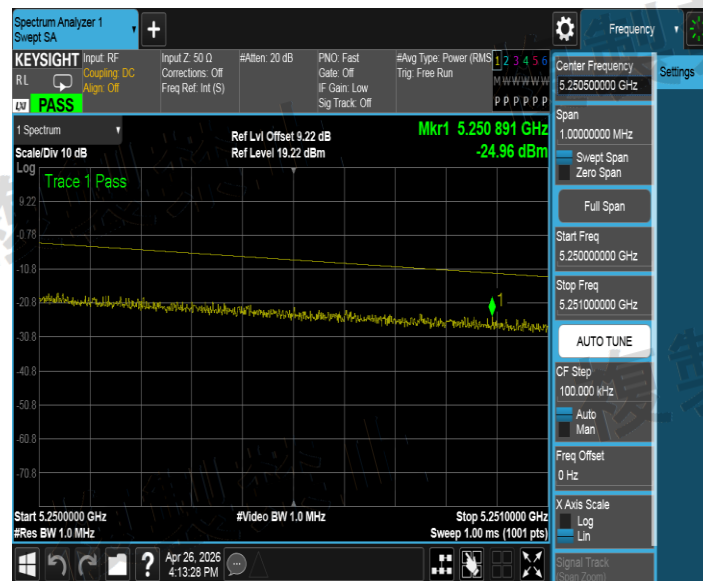
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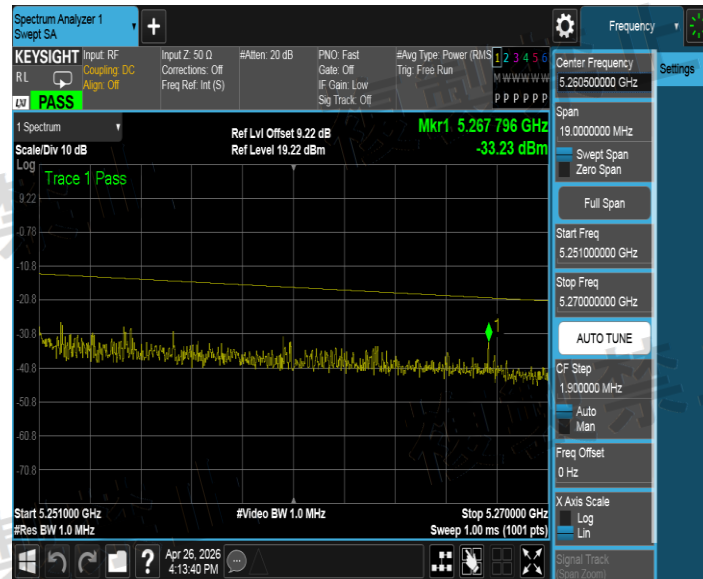
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NTNV_11N40SISO_Ant1_5190_5250~5251



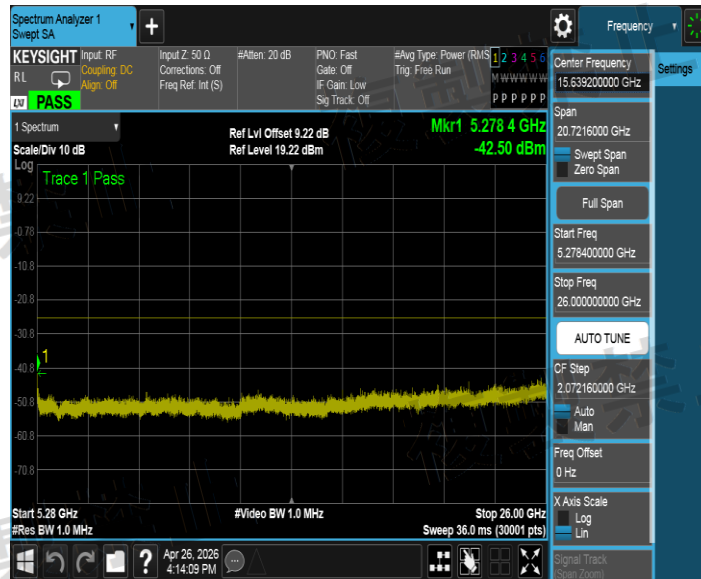
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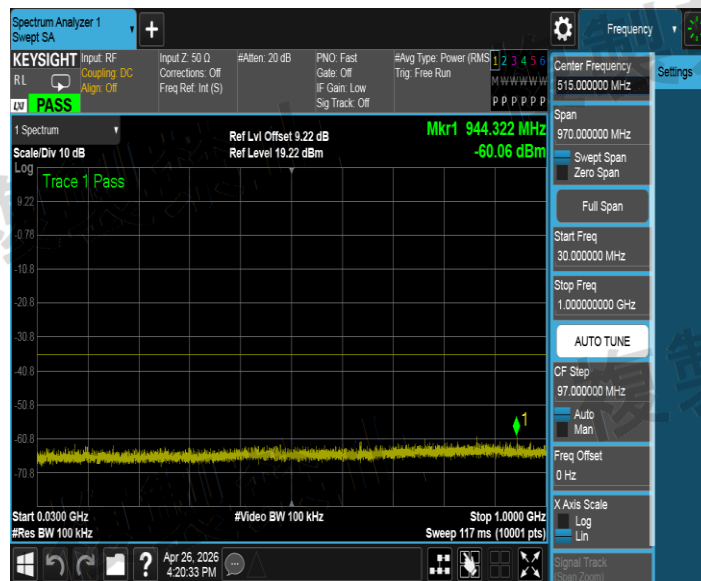
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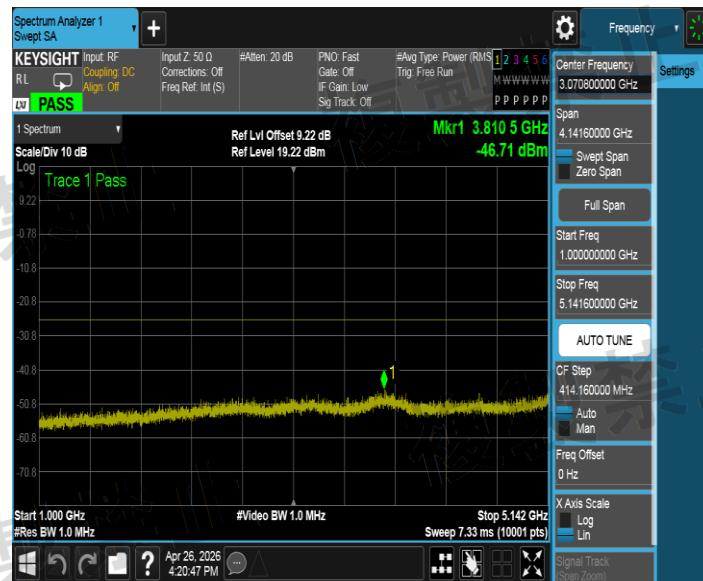
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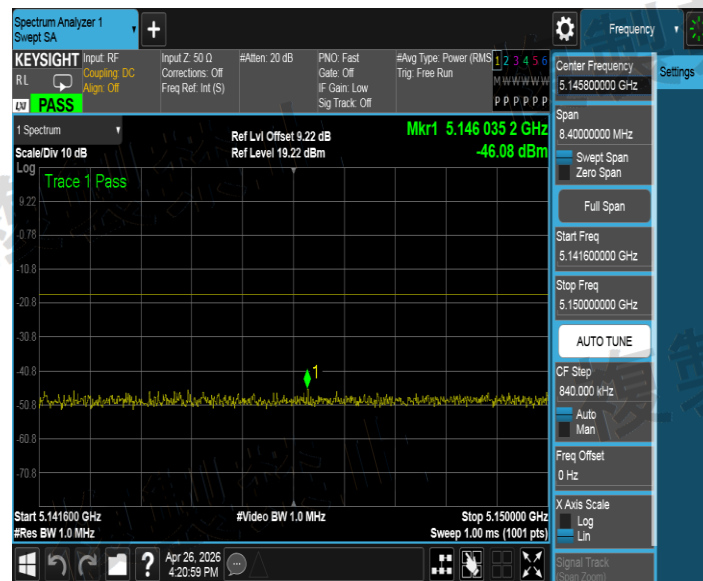
NTNV_11N40SISO_Ant1_5230_30~1000



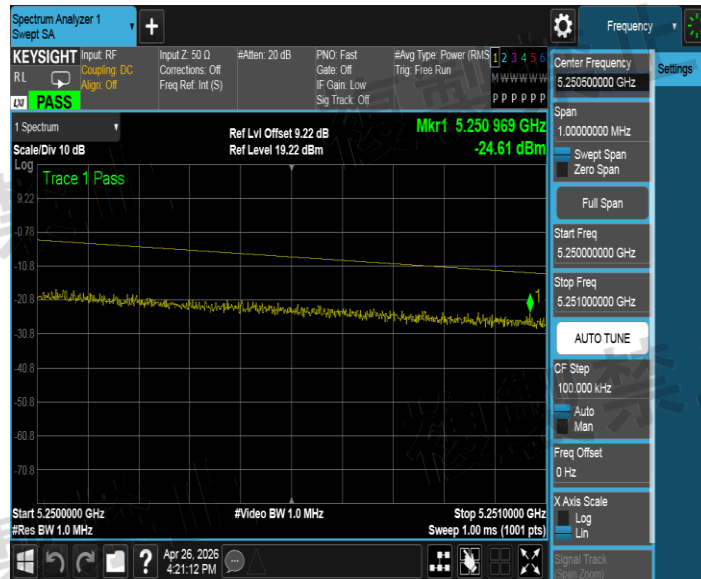
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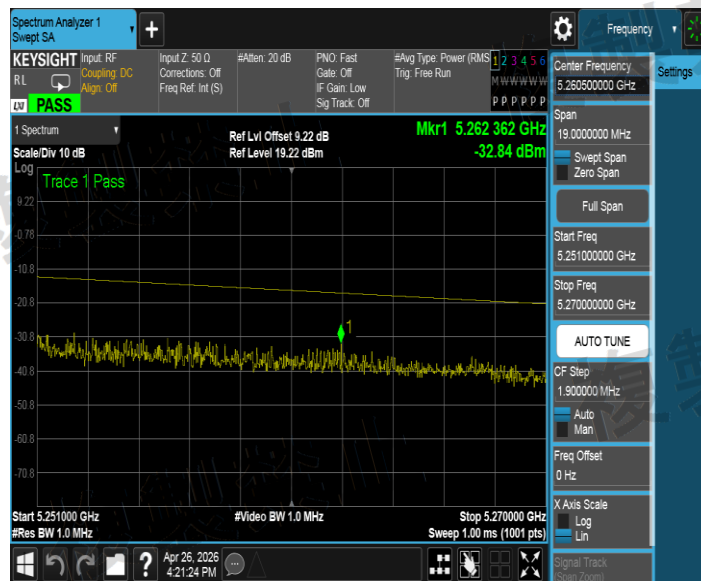
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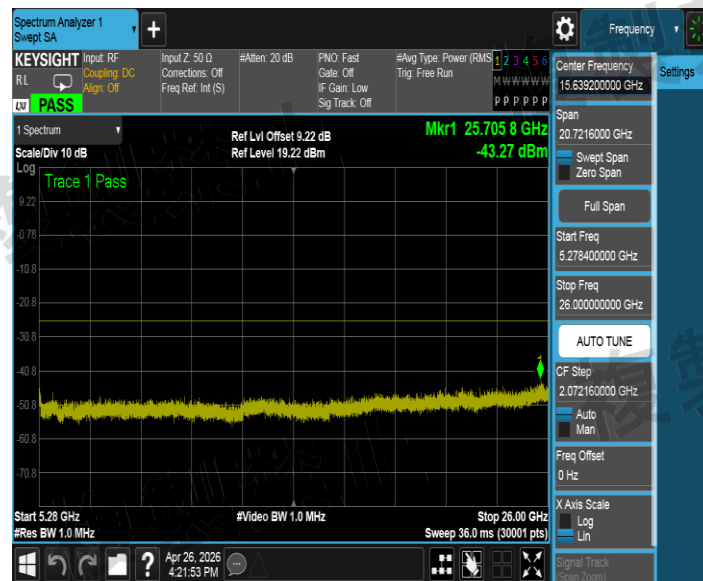
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NTNV_11N40SISO_Ant1_5230_5270~5278.4



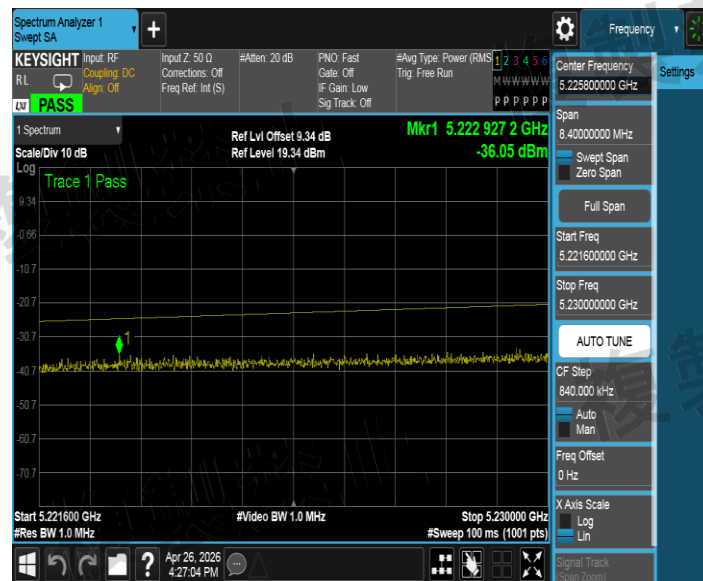
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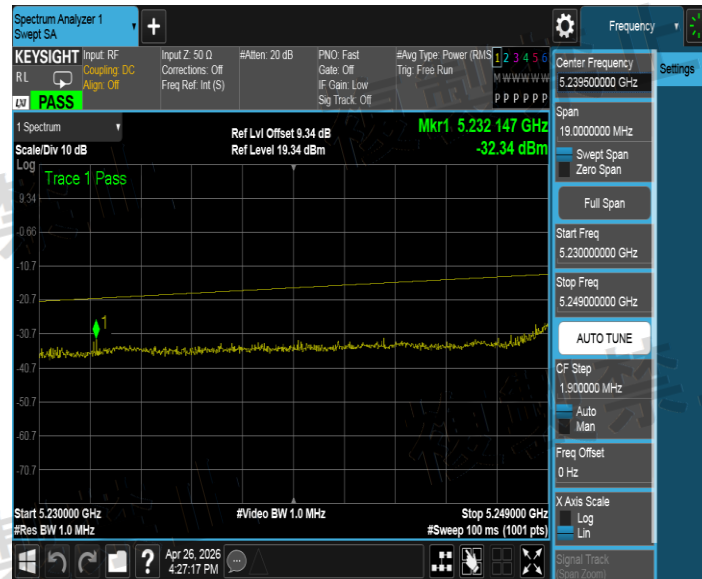
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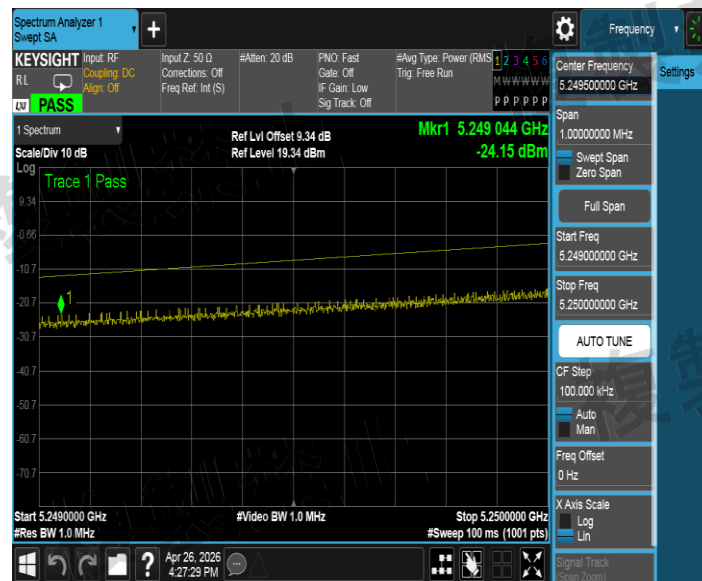
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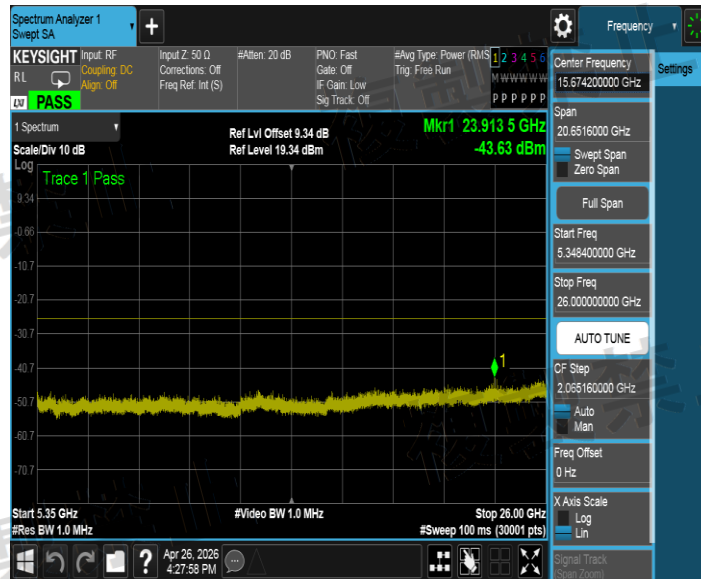
NTNV_11N40SISO_Ant1_5270_5230~5249



NTNV_11N40SISO_Ant1_5270_5249~5250



NTNV_11N40SISO_Ant1_5270_5348.4~26000



NTNV_11N40SISO_Ant1_5270_5350~5348.4



NTNV_11N40SISO_Ant1_5310_30~5221.6



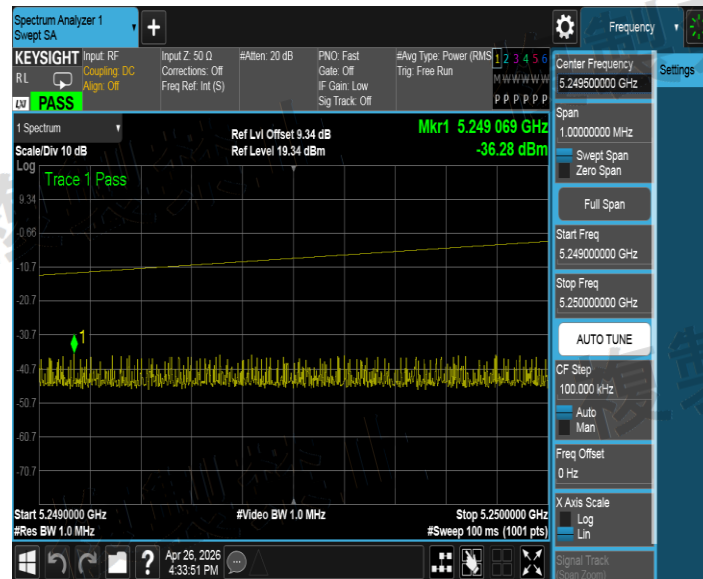
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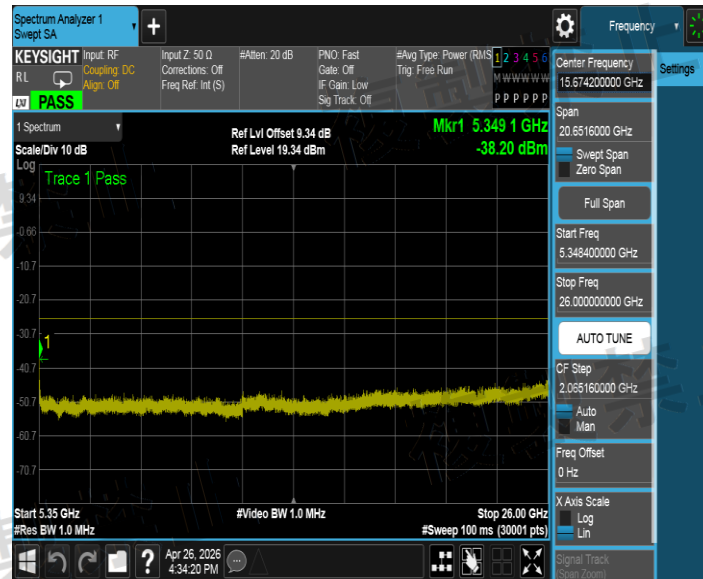
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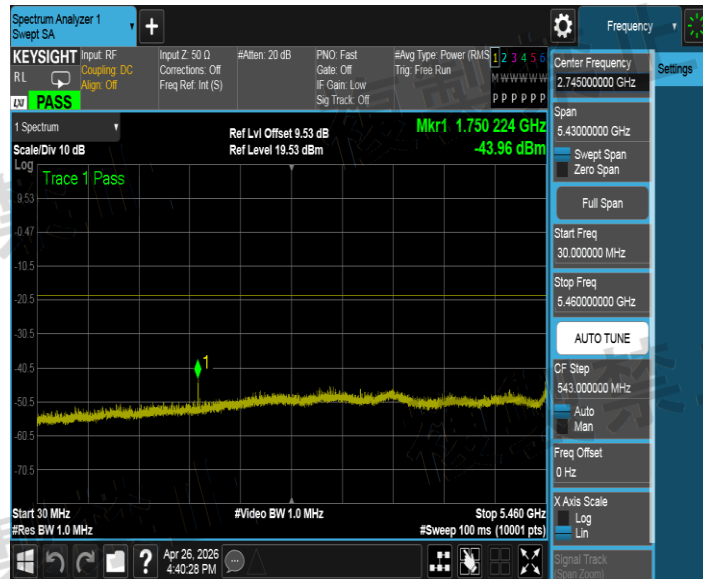
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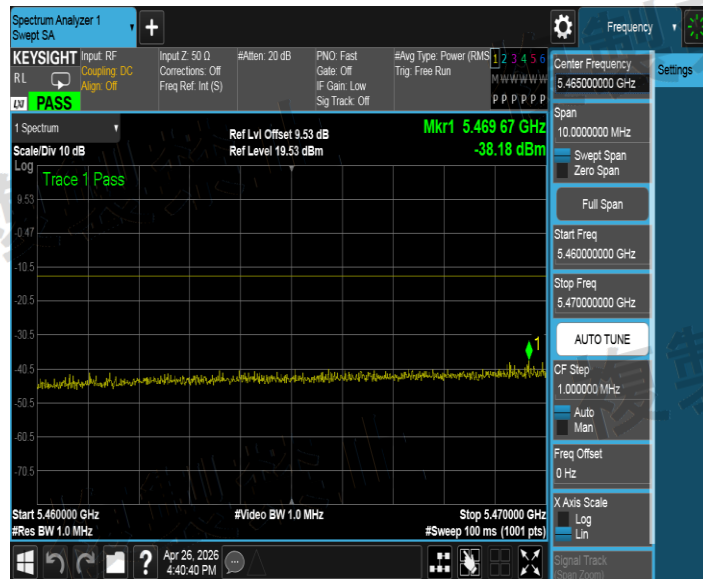
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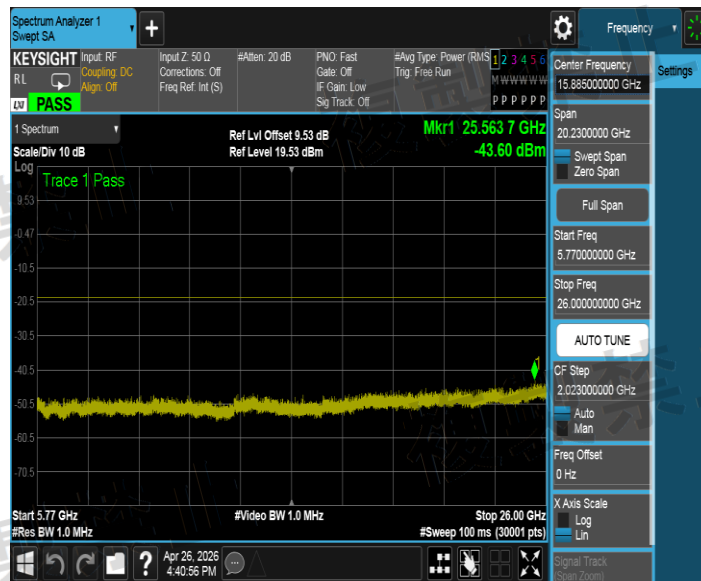
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NTNV_11N40SISO_Ant1_5510_5460~5470



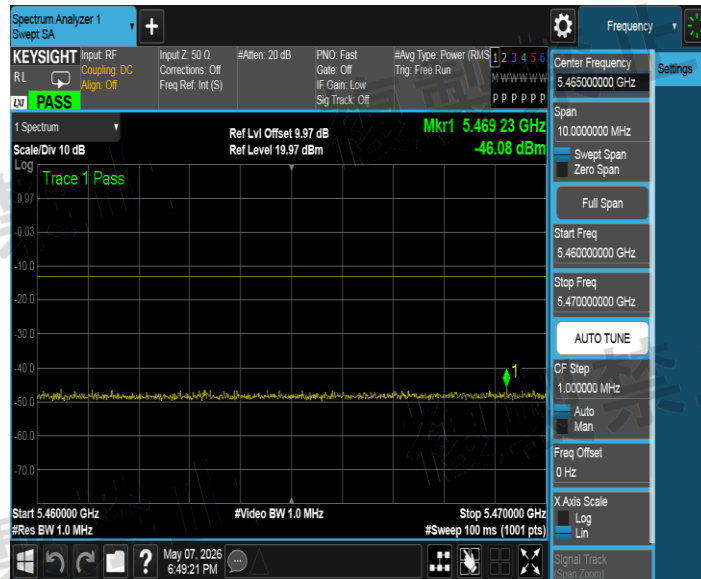
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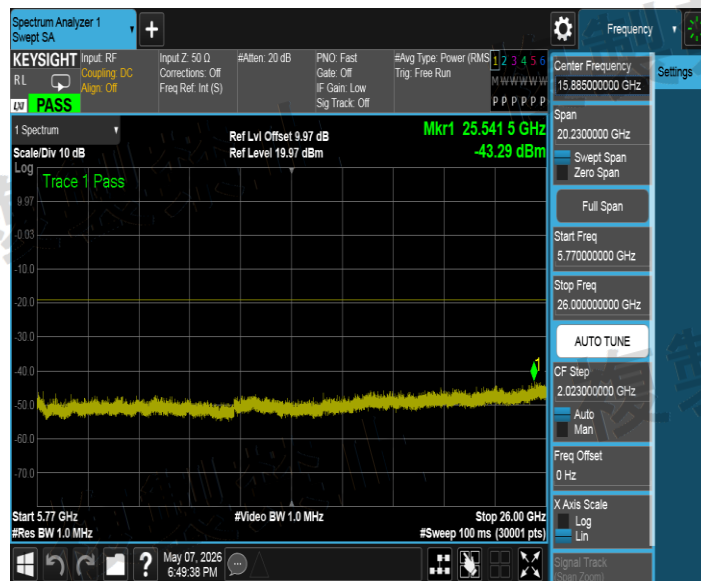
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NTNV_11N40SISO_Ant1_5590_5460~5470



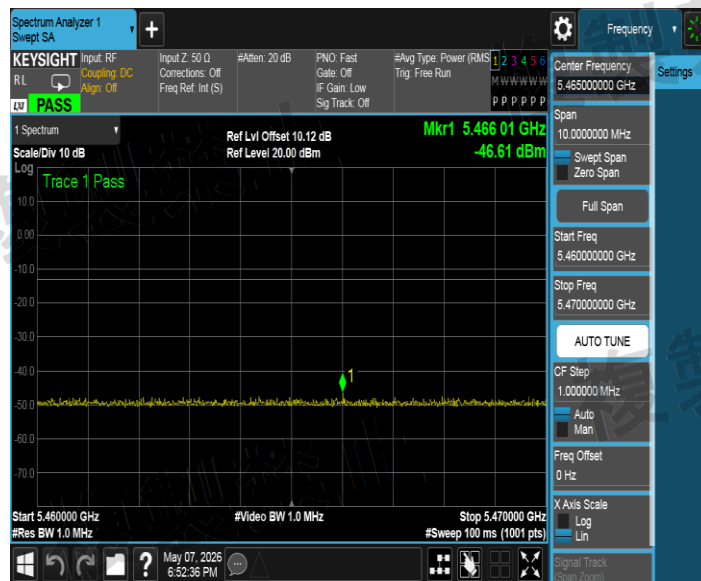
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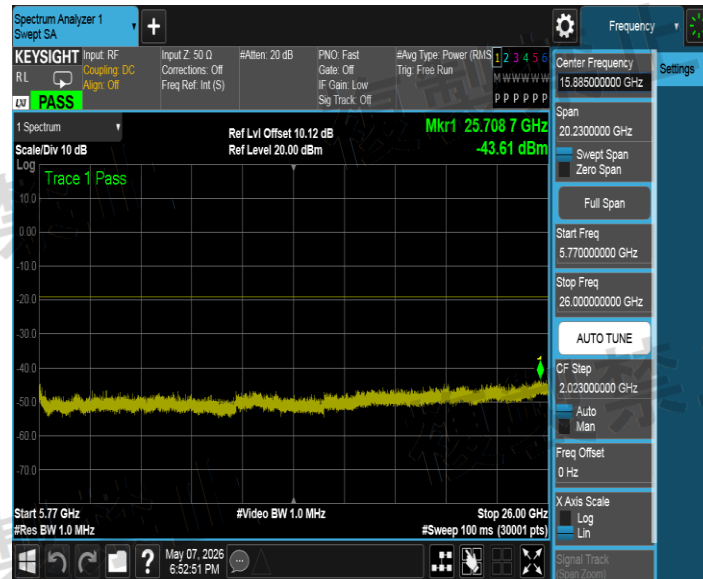
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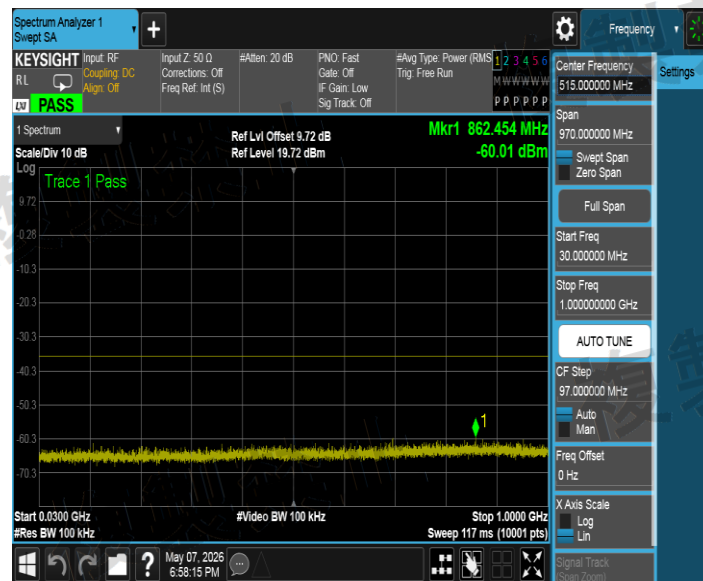
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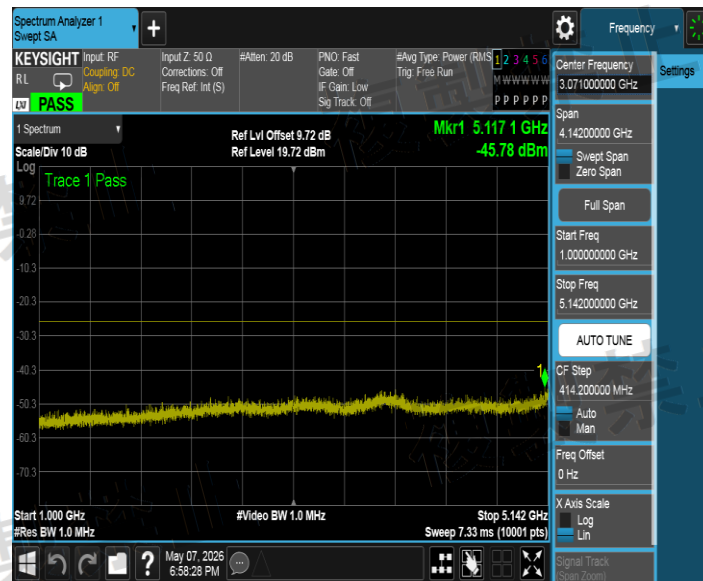
NTNV_11N40SISO_Ant1_5710_5770~26000



NTNV_11AC20SISO_Ant1_5180_30~1000



NTNV_11AC20SISO_Ant1_5180_1000~5142



NTNV_11AC20SISO_Ant1_5180_5142~5150

