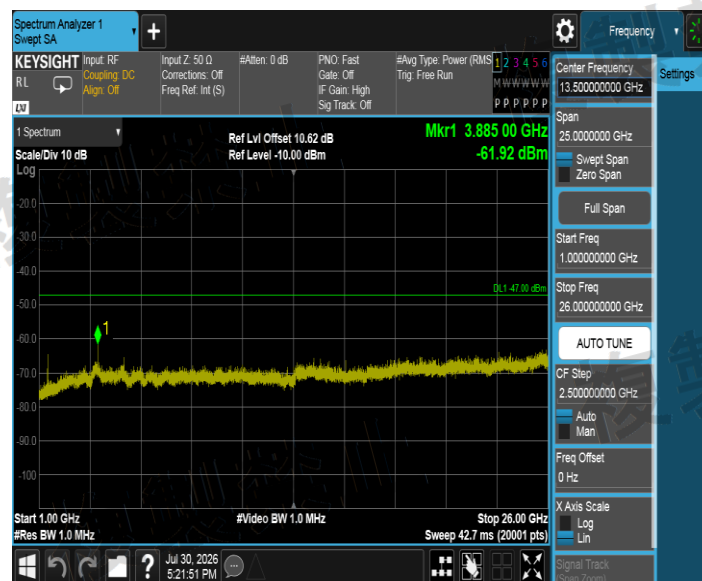


NTNV_11AX40SISO_Ant1_5670_30~1000



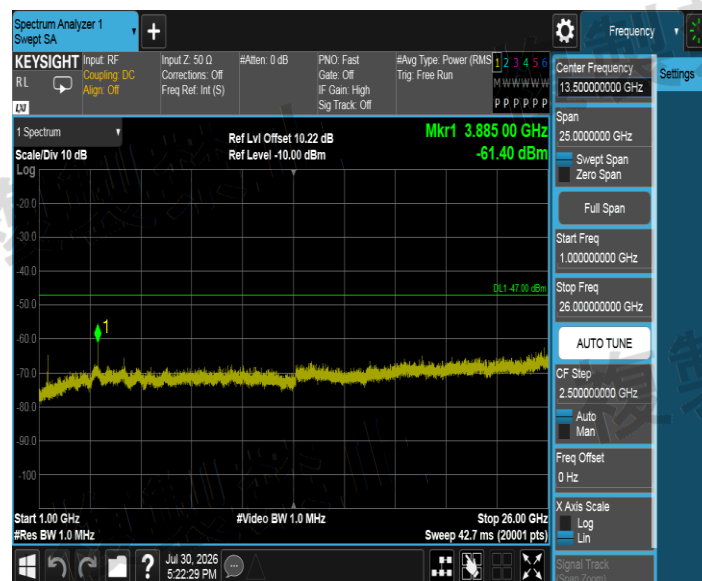
NTNV_11AX40SISO_Ant1_5670_1000~26000



NTNV_11AX80SISO_Ant1_5210_30~1000



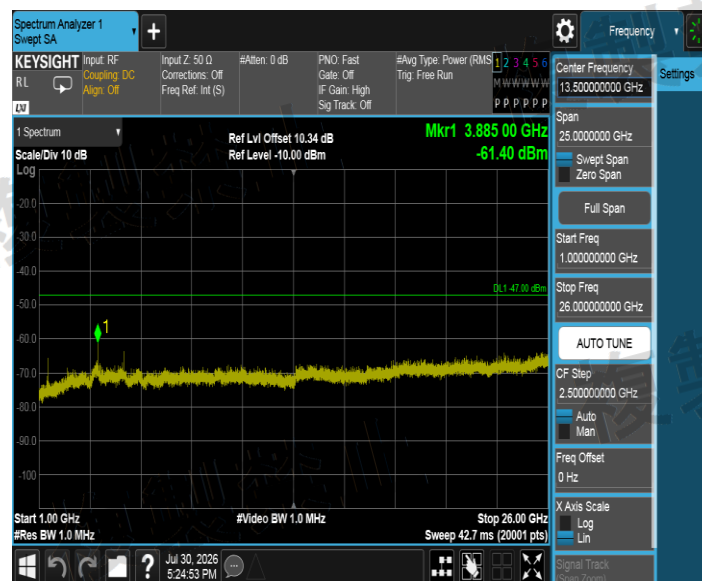
NTNV_11AX80SISO_Ant1_5210_1000~26000



NTNV_11AX80SISO_Ant1_5290_30~1000



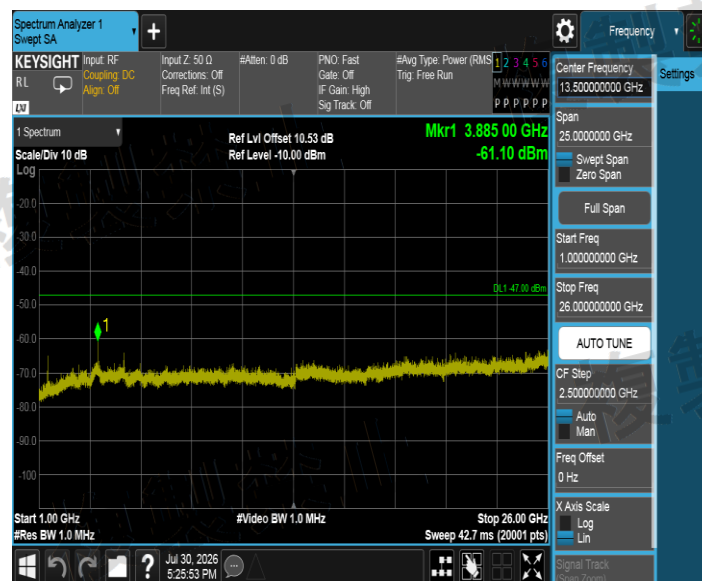
NTNV_11AX80SISO_Ant1_5290_1000~26000



NTNV_11AX80SISO_Ant1_5530_30~1000



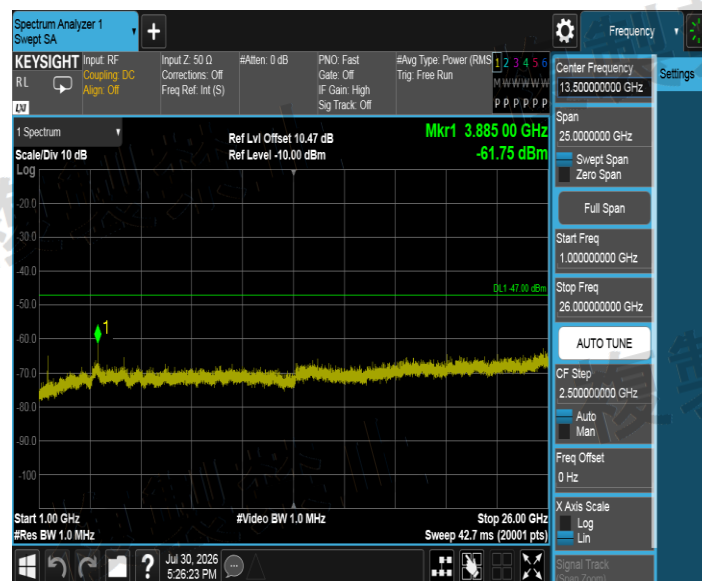
NTNV_11AX80SISO_Ant1_5530_1000~26000



NTNV_11AX80SISO_Ant1_5610_30~1000



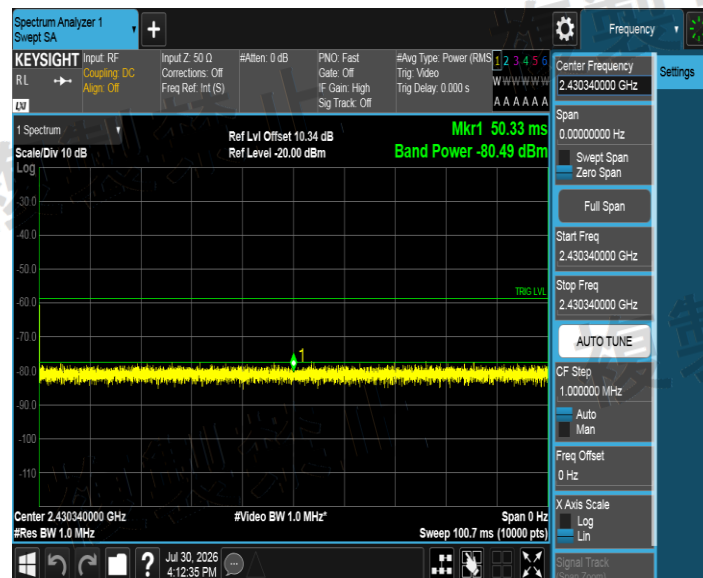
NTNV_11AX80SISO_Ant1_5610_1000~26000



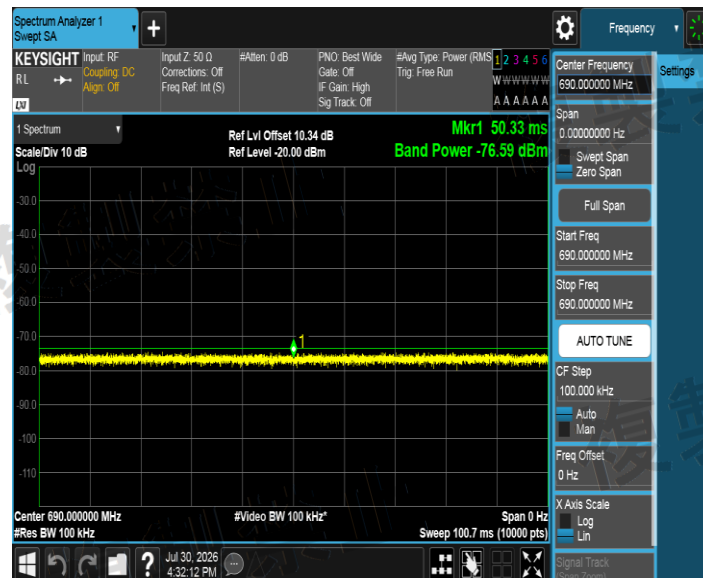
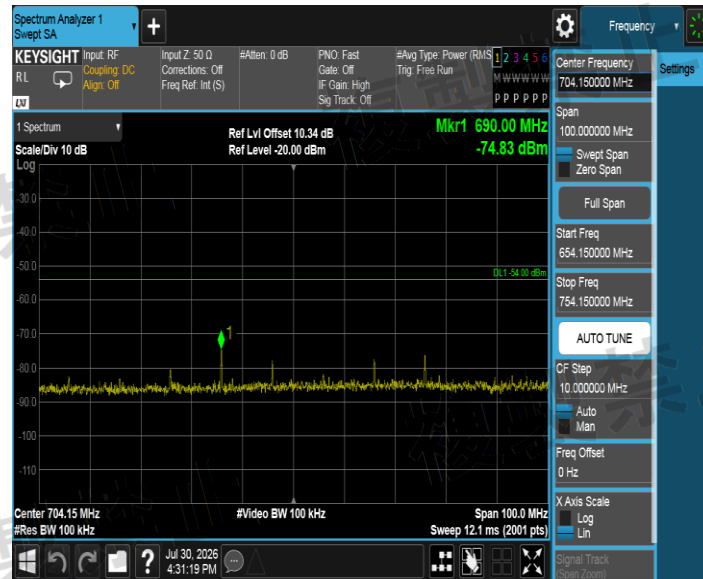


Test Graphs_Step2

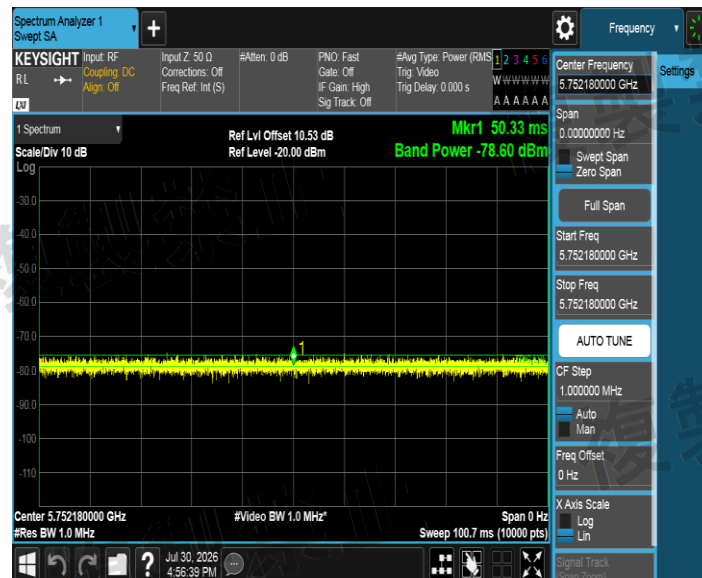
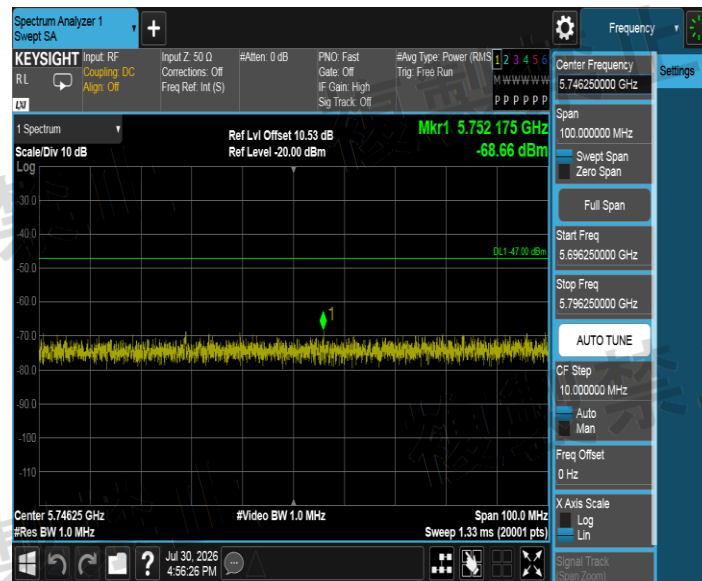
NTNV_11A_Ant1_5280_2423.75_Ant1



NTNV_11N40SISO_Ant1_5310_704.15_Ant1



NTNV_11AC40SISO_Ant1_5510_5746.25_Ant1



12. Unwanted Emission Intensity Measurement

12.1. Limit

W52:

Item	Mode	Description
TX Spurious Emission	802.11a	30MHz~5142 MHz limit≤ 2.5μW/MHz
		5142 MHz~5150 MHz limit≤ 15μW/MHz
		5250 MHz~5251MHz limit≤10 ^{1-(f-9)} mW/MHz
		5251 MHz~5260MHz limit≤10 ^{-1-(8/90)(f-11)} mW/MHz
		5260 MHz~5266.7MHz limit≤10 ^{-1.8- (6/50)(f-20)} mW/MHz
		5266.7 MHz~26000 MHz Limit≤ 2.5μW/MHz
	802.11ac-VHT20/n-HT20/ax-HE20	30MHz~5142 MHz limit≤ 2.5μW/MHz
		5142 MHz~5150 MHz limit≤ 15μW/MHz
		5250 MHz~5251MHz limit≤10 ^{1-(f-9)} mW/MHz
		5251 MHz~5260MHz limit≤10 ^{-1-(8/90)(f-11)} mW/MHz
		5260 MHz~5266.7MHz limit≤10 ^{-1.8- (6/50)(f-20)} mW/MHz
		5266.7 MHz~26000 MHz Limit≤ 2.5μW/MHz
	802.11ac-VHT40/n-HT40/ax-HE40	30MHz~5141.6 MHz limit≤ 2.5μW/MHz
		5141.6 MHz~5150 MHz limit≤ 15μW/MHz(-18.24dBm/MHz)
		5250 MHz~5251MHz limit≤10 ^{-(f-20)+log(1/2)} mW/MHz
		5251 MHz~5270MHz limit≤10 ^{-(8/190)(f-21)-1+log(1/2)} mW/MHz
		5270MHz~5278.4MHz limit≤10 ^{-(3/50)(f-40)-1.8+log(1/2)} mW/MHz
		5278.4 MHz~26000 MHz limit≤2.5μW/MHz
	802.11ac-VHT80/ax-HE80	1GHz~5123.2 MHz limit≤ 2.5μW/MHz
		5123.2MHz ~ 5150MHz limit≤ 15μW/MHz
		5250MHz ~ 5251MHz limit≤10 ^{-(f-40)+log(1/4)} mW/MHz
		5251 MHz~5290MHz limit≤10 ^{-(8/390)(f-41)-1+log(1/4)} mW/MHz
		5290 MHz~5296.7 MHz

		limit $\leq 10^{-(3/100)(f-80)-1.8+\log(1/4)}$ mW/MHz
		5296.7 MHz~26000 MHz Limit $\leq 2.5\mu$ W/MHz

W53:

Item	Mode	Description
TX Spurious Emission	802.11a	30 MHz~5233.3 MHz limit $\leq 2.5\mu$ W/MHz
		5233.3 MHz~5240MHz limit $\leq 10^{-1.8-(6/50)(f-20)}$ mW/MHz
		5240 MHz~5249.8MHz limit $\leq 10^{-1-(8/90)(f-11)}$ mW/MHz
		5249.8 MHz~5250MHz limit $\leq 10^{1-(f-9)}$ mW/MHz
		5350 MHz~26000 MHz Limit $\leq 2.5\mu$ W/MHz
	802.11ac-VHT20/n-HT20/ax-HE20	30 MHz~5233.3 MHz limit $\leq 2.5\mu$ W/MHz
		5233.3 MHz~5240MHz limit $\leq 10^{-1.8-(6/50)(f-20)}$ mW/MHz
		5240 MHz~5249MHz limit $\leq 10^{-1-(8/90)(f-11)}$ mW/MHz
		5249 MHz~5250MHz limit $\leq 10^{1-(f-9)}$ mW/MHz
		5350 MHz~26000 MHz Limit $\leq 2.5\mu$ W/MHz
	802.11ac-VHT40/n-HT40/ax-HE40	30 MHz~5221.6 MHz limit $\leq 2.5\mu$ W/MHz
		5221.6 MHz~5230MHz limit $\leq 10^{-(3/50)(f-40)-1.8+\log(1/2)}$ mW/MHz
		5230 MHz~5249MHz limit $\leq 10^{-(8/190)(f-21)-1+\log(1/2)}$ mW/MHz
		5249 MHz~5250MHz limit $\leq 10^{-(f-20)-1+\log(1/2)}$ mW/MHz
		5350 MHz~5358.4 MHz Limit $\leq 15\mu$ W/MHz
		5358.4 MHz~26000 MHz Limit $\leq 2.5\mu$ W/MHz
	802.11ac-VHT80/ax-HE80	30 MHz~5203.3 MHz limit $\leq 2.5\mu$ W/MHz
		5203.3MHz ~ 5210MHz limit $\leq 10^{-(3/100)(f-80)-1.8+\log(1/4)}$ mW /MHz
		5210MHz ~ 5249MHz limit $\leq 10^{-(8/390)(f-41)-1+\log(1/4)}$ mW/MHz
		5249 MHz~5250MHz limit $\leq 10^{-(f-40)+\log(1/4)}$ mW/MHz
		5350 MHz~5376.8 MHz limit $\leq 15\mu$ W W/MHz
		5376.8 MHz~26000 MHz Limit $\leq 2.5\mu$ W/MHz

W56:

Item	Mode	Description
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 Limits 2.5μW/MHz
	802.11ac-VHT20/n-HT20/ax-HE 20	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 Limits 2.5μW/MHz
	802.11ac-VHT40/n-HT40/ax-HE 40	30 MHz~5460MHz limit≤12.5μW/MHz
		5460MHz~5470 MHz limit≤ 50μW/MHz
		5700 MHz~26000 MHz Limits 12.5μW/MHz
	802.11ac-VHT80/ax-HE80	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 Limits 12.5μW/MHz

12.2. Test Setup



12.3. Test Procedure

Spectrum Analyzer	Setting
Attenuation	/
RBW	1 MHz: 30 MHz $\leq f < 5$ th Harmonics
VBW	1MHz: 30 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:

- Setting of SA start 30MHz 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.
- 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
- 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
- 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
- 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
- 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/ax-HE20 mode:

- Setting of SA start 30MHz 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.
- 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 $15\mu\text{W}/\text{MHz}$

3. 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 $10^{1-(f-9)}\text{mW}/\text{MHz}$

4. 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 $10^{1-(8/90)(f-11)}\text{mW}/\text{MHz}$

5. 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 $10^{1.8-(6/50)(f-20)}\text{mW}/\text{MHz}$

6. 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 $2.5\mu\text{W}/\text{MHz}$.

For 802.11ac-VHT40/n-HT40/ax-HE40 mode:

1. Setting of SA start 30MHz 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 $2.5\mu\text{W}$.

2. 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 $15\mu\text{W}/\text{MHz}$

3. 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 $10^{-(f-20+\log(1/2))}\text{mW}/\text{MHz}$

4. 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 $10^{-(8/190)(f-21)-1+\log(1/2)}\text{mW}/\text{MHz}$

5. 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 $10^{-(3/50)(f-40)-1.8+\log(1/2)}\text{mW}/\text{MHz}$

6. 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 $2.5\mu\text{W}/\text{MHz}$.

For 802.11ac-VHT80/ax-HE80 mode:

1. Setting of SA start 30MHz and stop frequency 5123.2MHz, 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 5123.2MHz 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 15μW
3. 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 $10^{-(f-40)+\log(1/4)}$ mW/MHz
4. Setting of SA start 5251MHz and stop frequency 5290MHz, 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
5. Setting of SA start 5290MHz and stop frequency 5297.6MHz, 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 $10^{-(3/100)(f-80)-1.8+\log(1/4)}$ μW/MHz
6. Setting of SA start 5296.7MHz 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 2.5μW/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/ax-HE40 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-VHT40/n-HT40/ax-HE40 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 2.5μW.
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 15μW/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 2.5μW/MHz.

For 802.11ac-VHT80/ax-HE80 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 2.5μW.
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 15μW/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 2.5μW/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 2.5μW.
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 12.5μW/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 12.5μW/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 2.5μW

For 802.11ac-VHT20/n-HT20/ax-HE20 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 μ 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 μ W/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 μ W/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 μ W

For 802.11ac-VHT40/n-HT40/ax-HE40 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 μ 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/ax-HE80:

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	1 MHz: 30 MHz $\cong$ f < 5th Harmonics
VBW	1 MHz: 30 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):	2026-07-22~2026-08-04
Test Voltage:	DC 13.5V
Test Engineer:	Stone Zhang

Test Data:

Test Condition	Test Mode	Antenna	Frequency (MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Gain [dBi]	EIRP [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	11A	Ant1	5180	30-5142	5110.31	-45.24	3.14	-42.10	0.06166	≤2.5	PASS
				5142-5150	5149.06	-46.06	3.14	-42.92	0.05105	≤15	PASS
				5250-5251	5251.00	-47.55	3.14	-44.41	0.03622	≤100.0	PASS
				5251-5260	5259.83	-48.62	3.14	-45.48	0.02831	≤16.4	PASS
				5260-5266.7	5265.16	-47.51	3.14	-44.37	0.03656	≤15.7	PASS
				5266.7-26000	25677.25	-37.94	3.14	-34.80	0.33113	≤2.5	PASS
			5200	30-5142	3781.19	-45.16	3.14	-42.02	0.06281	≤2.5	PASS
				5142-5150	5144.82	-45.41	3.14	-42.27	0.05929	≤15	PASS
				5250-5251	5250.98	-46.60	3.14	-43.46	0.04508	≤104.7	PASS
				5251-5260	5259.86	-47.33	3.14	-44.19	0.03811	≤16.3	PASS
				5260-5266.7	5260.19	-48.08	3.14	-44.94	0.03206	≤15.8	PASS
				5266.7-26000	25774.01	-42.73	3.14	-39.59	0.10990	≤2.5	PASS
			5240	30-5142	5111.33	-45.29	3.14	-42.15	0.06095	≤2.5	PASS
				5142-5150	5144.82	-45.88	3.14	-42.74	0.05321	≤15	PASS
				5250-5251	5250.66	-14.27	3.14	-11.13	77.09035	≤218.8	See table below
				5251-5260	5251.29	-20.98	3.14	-17.84	16.44372	≤94.2	PASS
				5260-5266.7	5262.62	-44.51	3.14	-41.37	0.07295	≤15.8	PASS
				5266.7-26000	25616.43	-42.93	3.14	-39.79	0.10495	≤2.5	PASS
			5260	30-5233.3	5149.01	-44.74	4.13	-40.61	0.08690	≤2.5	PASS
				5233.3-5240	5233.94	-44.11	4.13	-39.98	0.10046	≤3.0	PASS
				5240-5249	5249.00	-18.41	4.13	-14.28	37.32502	≤100.0	PASS
				5249-5250	5249.48	-13.22	4.13	-9.09	123.31048	≤302.0	PASS
				5350-26000	25560.84	-42.75	4.13	-38.62	0.13740	≤2.5	PASS
			5280	30-5233.3	3815.40	-44.05	4.13	-39.92	0.10186	≤2.5	PASS
				5233.3-5240	5233.48	-46.47	4.13	-42.34	0.05834	≤2.6	PASS
				5240-5249	5240.00	-46.00	4.13	-41.87	0.06501	≤15.8	PASS
				5249-5250	5249.01	-45.88	4.13	-41.75	0.06683	≤102.3	PASS
				5350-26000	25490.63	-41.87	4.13	-37.74	0.16827	≤2.5	PASS
			5320	30-5233.3	3786.78	-44.85	4.13	-40.72	0.08472	≤2.5	PASS
				5233.3-5240	5233.64	-45.26	4.13	-41.13	0.07709	≤2.7	PASS
				5240-5249	5240.06	-46.21	4.13	-42.08	0.06194	≤16.0	PASS
				5249-5250	5249.02	-46.77	4.13	-42.64	0.05445	≤104.7	PASS

	11N20SISO	Ant1		5350~26000	25896.75	-42.62	4.13	-38.49	0.14158	≤2.5	PASS
			5500	30~5460	3791.36	-45.06	4.42	-40.64	0.08630	≤2.5	PASS
				5460~5470	5469.27	-44.35	4.42	-39.93	0.10162	≤12.5	PASS
				5745~5765	5758.14	-45.91	4.42	-41.49	0.07096	≤12.5	PASS
				5765~26000	25066.49	-42.71	4.42	-38.29	0.14825	≤2.5	PASS
			5600	30~5460	4958.27	-37.59	4.42	-33.17	0.48195	≤2.5	PASS
				5460~5470	5461.55	-46.58	4.42	-42.16	0.06081	≤12.5	PASS
				5745~5765	5753.10	-46.19	4.42	-41.77	0.06653	≤12.5	PASS
				5765~26000	25609.46	-42.45	4.42	-38.03	0.15740	≤2.5	PASS
			5700	30~5460	5056.01	-37.15	4.42	-32.73	0.53333	≤2.5	PASS
				5460~5470	5464.47	-47.02	4.42	-42.60	0.05495	≤12.5	PASS
				5745~5765	5750.58	-44.63	4.42	-40.21	0.09528	≤12.5	PASS
				5765~26000	25678.26	-38.35	4.42	-33.93	0.40458	≤2.5	PASS
			5180	30~5142	3842.02	-45.33	3.14	-42.19	0.06039	≤2.5	PASS
				5142~5150	5148.85	-45.78	3.14	-42.64	0.05445	≤15	PASS
				5250~5251	5250.98	-47.06	3.14	-43.92	0.04055	≤104.7	PASS
				5251~5260	5259.64	-47.41	3.14	-44.27	0.03741	≤17.1	PASS
				5260~5266.7	5265.03	-47.31	3.14	-44.17	0.03828	≤15.7	PASS
				5266.7~26000	25731.16	-42.69	3.14	-39.55	0.11092	≤2.5	PASS
			5200	30~5142	3782.72	-44.43	3.14	-41.29	0.07430	≤2.5	PASS
				5142~5150	5142.28	-46.52	3.14	-43.38	0.04592	≤15	PASS
				5250~5251	5250.99	-46.85	3.14	-43.71	0.04256	≤102.3	PASS
				5251~5260	5259.18	-47.78	3.14	-44.64	0.03436	≤18.7	PASS
				5260~5266.7	5265.20	-47.32	3.14	-44.18	0.03819	≤15.7	PASS
				5266.7~26000	25960.61	-43.12	3.14	-39.98	0.10046	≤2.5	PASS
			5240	30~5142	3791.41	-45.84	3.14	-42.70	0.05370	≤2.5	PASS
				5142~5150	5145.48	-46.41	3.14	-43.27	0.04710	≤15	PASS
				5250~5251	5250.93	-14.33	3.14	-11.19	76.03263	≤117.5	See table below
				5251~5260	5251.08	-17.41	3.14	-14.27	37.41106	≤98.4	See table below
				5260~5266.7	5262.04	-43.22	3.14	-40.08	0.09817	≤15.8	PASS
				5266.7~26000	25918.45	-41.82	3.14	-38.68	0.13552	≤2.5	PASS
			5260	30~5233.3	1946.38	-40.67	4.13	-36.54	0.22182	≤2.5	PASS
				5233.3~5240	5233.55	-44.00	4.13	-39.87	0.10304	≤2.7	PASS

				5240~5249	5248.92	-16.15	4.13	-12.02	62.80584	≤98.4	See table below
				5249~5250	5249.1	-14.09	4.13	-9.96	100.92529	≤125.9	See table below
				5350~26000	25615.22	-42.73	4.13	-38.60	0.13804	≤2.5	PASS
			5280	30~5233.3	3187.88	-45.00	4.13	-40.87	0.08185	≤2.5	PASS
				5233.3~5240	5233.41	-46.44	4.13	-42.31	0.05875	≤2.6	PASS
				5240~5249	5240.16	-46.30	4.13	-42.17	0.06067	≤16.4	PASS
				5249~5250	5249.04	-44.90	4.13	-40.77	0.08375	≤109.6	PASS
				5350~26000	25636.56	-42.85	4.13	-38.72	0.13428	≤2.5	PASS
			5320	30~5233.3	4670.30	-43.69	4.13	-39.56	0.11066	≤2.5	PASS
				5233.3~5240	5233.66	-45.77	4.13	-41.64	0.06855	≤2.7	PASS
				5240~5249	5240.57	-46.75	4.13	-42.62	0.05470	≤17.8	PASS
				5249~5250	5249.01	-46.29	4.13	-42.16	0.06081	≤102.3	PASS
				5350~26000	25589.07	-42.91	4.13	-38.78	0.13243	≤2.5	PASS
			5500	30~5460	5460.00	-44.47	4.42	-40.05	0.09886	≤2.5	PASS
				5460~5470	5469.74	-38.85	4.42	-34.43	0.36058	≤12.5	PASS
				5745~5765	5763.90	-43.28	4.42	-38.86	0.13002	≤12.5	PASS
				5765~26000	25989.88	-41.96	4.42	-37.54	0.17620	≤2.5	PASS
			5600	30~5460	4949.58	-40.48	4.42	-36.06	0.24774	≤2.5	PASS
				5460~5470	5467.60	-46.64	4.42	-42.22	0.05998	≤12.5	PASS
				5745~5765	5764.20	-46.24	4.42	-41.82	0.06577	≤12.5	PASS
				5765~26000	25995.28	-41.58	4.42	-37.16	0.19231	≤2.5	PASS
			5700	30~5460	5053.29	-38.29	4.42	-33.87	0.41020	≤2.5	PASS
				5460~5470	5464.61	-46.69	4.42	-42.27	0.05929	≤12.5	PASS
				5745~5765	5745.88	-44.32	4.42	-39.90	0.10233	≤12.5	PASS
				5765~26000	25645.89	-42.54	4.42	-38.12	0.15417	≤2.5	PASS
	11N40SISO	Ant1	5190	30~5141.6	1761.30	-42.63	3.14	-39.49	0.11246	≤2.5	PASS
				5141.6~5150	5146.29	-44.08	3.14	-40.94	0.08054	≤15	PASS
				5250~5251	5251.00	-47.51	3.14	-44.37	0.03656	≤50	PASS
				5251~5270	5269.47	-48.42	3.14	-45.28	0.02965	≤8.3	PASS
				5270~5278.4	5278.07	-48.37	3.14	-45.23	0.02999	≤2.6	PASS
				5278.4~26000	25543.43	-43.40	3.14	-40.26	0.09419	≤2.5	PASS
			5230	30~5141.6	1749.54	-38.08	3.14	-34.94	0.32063	≤2.5	PASS
				5141.6~5150	5144.23	-46.68	3.14	-43.54	0.04426	≤15	PASS

	11AC20SISO	Ant1		5250~5251	5250.92	-23.49	3.14	-20.35	9.22571	≤60.1	PASS
				5251~5270	5251.15	-28.29	3.14	-25.15	3.05492	≤49.3	PASS
				5270~5278.4	5278.37	-48.17	3.14	-45.03	0.03141	≤2.5	PASS
				5278.4~26000	25668.45	-42.40	3.14	-39.26	0.11858	≤2.5	PASS
			5270	30~5221.6	3908.64	-45.03	4.13	-40.90	0.08128	≤2.5	PASS
				5221.6~5230	5223.04	-44.26	4.13	-40.13	0.09705	≤3.0	PASS
				5230~5249	5249.00	-25.76	4.13	-21.63	6.87068	≤50	PASS
				5249~5250	5249.03	-24.74	4.13	-20.61	8.68960	≤53.6	PASS
				5348.4~26000	25960.76	-43.08	4.13	-38.95	0.12735	≤2.5	PASS
				5350~5348.4	5348.40	-45.82	4.13	-41.69	0.06776	≤15	PASS
			5310	30~5221.6	3810.00	-45.58	4.13	-41.45	0.07161	≤2.5	PASS
				5221.6~5230	5223.70	-45.50	4.13	-41.37	0.07295	≤3.3	PASS
				5230~5249	5230.42	-46.40	4.13	-42.27	0.05929	≤8.3	PASS
				5249~5250	5249.03	-45.99	4.13	-41.86	0.06516	≤53.6	PASS
				5348.4~26000	25972.46	-42.38	4.13	-38.25	0.14962	≤2.5	PASS
				5350~5348.4	5348.40	-44.35	4.13	-40.22	0.09506	≤15	PASS
			5510	30~5460	5212.39	-41.85	4.42	-37.43	0.18072	≤12.5	PASS
				5460~5470	5469.22	-38.16	4.42	-33.74	0.42267	≤50	PASS
				5770~26000	25699.92	-42.29	4.42	-37.87	0.16331	≤12.5	PASS
			5590	30~5460	3816.34	-44.29	4.42	-39.87	0.10304	≤12.5	PASS
				5460~5470	5463.78	-46.89	4.42	-42.47	0.05662	≤50	PASS
				5770~26000	25755.22	-41.96	4.42	-37.54	0.17620	≤12.5	PASS
			5670	30~5460	5014.20	-41.10	4.42	-36.68	0.21478	≤12.5	PASS
				5460~5470	5463.76	-46.05	4.42	-41.63	0.06871	≤50	PASS
				5770~26000	25646.65	-42.52	4.42	-38.10	0.15488	≤12.5	PASS
		Ant1	5180	30~5142	3832.82	-44.82	3.14	-41.68	0.06792	≤2.5	PASS
				5142~5150	5147.55	-45.76	3.14	-42.62	0.05470	≤15	PASS
				5250~5251	5250.99	-46.92	3.14	-43.78	0.04188	≤102.3	PASS
				5251~5260	5259.93	-48.25	3.14	-45.11	0.03083	≤16.1	PASS
				5260~5266.7	5264.84	-47.45	3.14	-44.31	0.03707	≤15.7	PASS
				5266.7~26000	25740.83	-42.46	3.14	-39.32	0.11695	≤2.5	PASS
			5200	30~5142	3690.70	-45.59	3.14	-42.45	0.05689	≤2.5	PASS
				5142~5150	5149.54	-44.84	3.14	-41.70	0.06761	≤15	PASS
				5250~5251	5250.96	-46.51	3.14	-43.37	0.04603	≤109.6	PASS
				5251~5260	5259.78	-47.84	3.14	-44.70	0.03388	≤16.6	PASS
				5260~5266.7	5263.08	-46.16	3.14	-43.02	0.04989	≤15.8	PASS
				5266.7~26000	25936.42	-42.90	3.14	-39.76	0.10568	≤2.5	PASS

		5240	30-5142	3883.94	-45.24	3.14	-42.10	0.06166	≤2.5	PASS
			5142-5150	5142.55	-46.30	3.14	-43.16	0.04831	≤15	PASS
			5250-5251	5250.97	-15.51	3.14	-12.37	57.94287	≤107.2	See table below
			5251-5260	5251.05	-18.90	3.14	-15.76	26.54606	≤99.0	PASS
			5260-5266.7	5262.51	-44.92	3.14	-41.78	0.06637	≤15.8	PASS
			5266.7-26000	25995.16	-42.60	3.14	-39.46	0.11324	≤2.5	PASS
		5260	30-5233.3	3703.53	-45.09	4.13	-40.96	0.08017	≤2.5	PASS
			5233.3-5240	5233.36	-45.42	4.13	-41.29	0.07430	≤2.5	PASS
			5240-5249	5248.95	-15.42	4.13	-11.29	74.30191	≤99.0	See table below
			5249-5250	5249.12	-12.75	4.13	-8.62	137.40420	≤131.8	See table below
			5350-26000	25917.40	-42.59	4.13	-38.46	0.14256	≤2.5	PASS
		5280	30-5233.3	3801.35	-45.05	4.13	-40.92	0.08091	≤2.5	PASS
			5233.3-5240	5233.83	-45.03	4.13	-40.90	0.08128	≤2.9	PASS
			5240-5249	5240.15	-46.18	4.13	-42.05	0.06237	≤16.3	PASS
			5249-5250	5249.00	-45.66	4.13	-41.53	0.07031	≤100.0	PASS
			5350-26000	25674.42	-42.81	4.13	-38.68	0.13552	≤2.5	PASS
		5320	30-5233.3	3768.57	-44.64	4.13	-40.51	0.08892	≤2.5	PASS
			5233.3-5240	5233.71	-46.31	4.13	-42.18	0.06053	≤2.8	PASS
			5240-5249	5240.05	-46.47	4.13	-42.34	0.05834	≤16.0	PASS
			5249-5250	5249.05	-46.03	4.13	-41.90	0.06457	≤112.2	PASS
			5350-26000	25561.53	-41.93	4.13	-37.80	0.16596	≤2.5	PASS
		5500	30-5460	2612.51	-42.69	4.42	-38.27	0.14894	≤2.5	PASS
			5460-5470	5469.69	-42.97	4.42	-38.55	0.13964	≤12.5	PASS
			5745-5765	5752.30	-45.70	4.42	-41.28	0.07447	≤12.5	PASS
			5765-26000	25680.96	-42.18	4.42	-37.76	0.16749	≤2.5	PASS
		5600	30-5460	2610.88	-35.46	4.42	-31.04	0.78705	≤2.5	PASS
			5460-5470	5464.72	-46.25	4.42	-41.83	0.06561	≤12.5	PASS
			5745-5765	5763.40	-41.37	4.42	-36.95	0.20184	≤12.5	PASS
			5765-26000	25876.57	-42.13	4.42	-37.71	0.16943	≤2.5	PASS
		5700	30-5460	5056.01	-37.02	4.42	-32.60	0.54954	≤2.5	PASS
			5460-5470	5468.25	-46.52	4.42	-42.10	0.06166	≤12.5	PASS

				5745-5765	5762.46	-44.55	4.42	-40.13	0.09705	≤12.5	PASS
				5765-26000	25747.06	-42.54	4.42	-38.12	0.15417	≤2.5	PASS
	11AC40SISO	Ant1	5190	30-5141.6	3242.13	-45.63	3.14	-42.49	0.05636	≤2.5	PASS
				5141.6-5150	5148.65	-45.19	3.14	-42.05	0.06237	≤15	PASS
				5250-5251	5250.98	-46.49	3.14	-43.35	0.04624	≤52.4	PASS
				5251-5270	5269.47	-48.40	3.14	-45.26	0.02979	≤8.3	PASS
				5270-5278.4	5277.53	-47.92	3.14	-44.78	0.03327	≤2.8	PASS
				5278.4-26000	25726.47	-41.85	3.14	-38.71	0.13459	≤2.5	PASS
			5230	30-5141.6	719.04	-46.01	3.14	-42.87	0.05164	≤2.5	PASS
				5141.6-5150	5148.22	-46.11	3.14	-42.97	0.05047	≤15	PASS
				5250-5251	5251.00	-23.26	3.14	-20.12	9.72747	≤50	PASS
				5251-5270	5251.08	-26.66	3.14	-23.52	4.44631	≤49.6	PASS
				5270-5278.4	5277.95	-46.24	3.14	-43.10	0.04898	≤2.6	PASS
				5278.4-26000	25851.50	-42.60	3.14	-39.46	0.11324	≤2.5	PASS
			5270	30-5221.6	2435.27	-42.89	4.13	-38.76	0.13305	≤2.5	PASS
				5221.6-5230	5221.94	-45.09	4.13	-40.96	0.08017	≤2.6	PASS
				5230-5249	5248.81	-25.08	4.13	-20.95	8.03526	≤49.1	PASS
				5249-5250	5249.02	-23.64	4.13	-19.51	11.19438	≤52.4	PASS
				5348.4-26000	25718.45	-42.49	4.13	-38.36	0.14588	≤2.5	PASS
				5350-5348.4	5348.40	-46.34	4.13	-42.21	0.06012	≤15	PASS
			5310	30-5221.6	2611.26	-37.74	4.13	-33.61	0.43551	≤2.5	PASS
				5221.6-5230	5222.15	-46.42	4.13	-42.29	0.05902	≤2.7	PASS
				5230-5249	5230.11	-45.84	4.13	-41.71	0.06745	≤8.0	PASS
				5249-5250	5249.02	-46.02	4.13	-41.89	0.06471	≤52.4	PASS
				5348.4-26000	5350.47	-41.94	4.13	-37.81	0.16558	≤2.5	PASS
				5350-5348.4	5348.40	-35.72	4.13	-31.59	0.69343	≤15	PASS
			5510	30-5460	2532.14	-41.76	4.42	-37.34	0.18450	≤12.5	PASS
				5460-5470	5469.49	-36.21	4.42	-31.79	0.66222	≤50	PASS
				5770-26000	25107.18	-42.38	4.42	-37.96	0.15996	≤12.5	PASS
			5590	30-5460	4949.04	-39.60	4.42	-35.18	0.30339	≤12.5	PASS
				5460-5470	5467.32	-47.02	4.42	-42.60	0.05495	≤50	PASS
				5770-26000	25670.93	-42.07	4.42	-37.65	0.17179	≤12.5	PASS
			5670	30-5460	3284.20	-44.08	4.42	-39.66	0.10814	≤12.5	PASS
				5460-5470	5462.32	-46.46	4.42	-42.04	0.06252	≤50	PASS
				5770-26000	25702.62	-42.70	4.42	-38.28	0.14859	≤12.5	PASS
	11AC80SISO	Ant1	5210	30-5123.2	5115.56	-45.06	3.14	-41.92	0.06427	≤2.5	PASS
				5132.5-5150	5145.40	-41.96	3.14	-38.82	0.13122	≤15	PASS

				5250~5251	5250.95	-20.46	3.14	-17.32	18.53532	≤28.1	See table below
				5251~5290	5251.12	-24.33	3.14	-21.19	7.60326	≤24.9	PASS
				5290~5296.7	5292.50	-44.41	3.14	-41.27	0.07464	≤3.3	PASS
				5296.7~26000	25806.08	-42.72	3.14	-39.58	0.11015	≤2.5	PASS
			5290	30~5203.3	2610.44	-41.05	4.13	-36.92	0.20324	≤2.5	PASS
				5203.3~5210	5203.72	-39.30	4.13	-35.17	0.30409	≤2.6	PASS
				5210~5249	5248.96	-23.57	4.13	-19.44	11.37627	≤25.0	PASS
				5249~5250	5249.01	-23.29	4.13	-19.16	12.13389	≤25.6	See table below
				5350~5376.8	5350.88	-37.63	4.13	-33.50	0.44668	≤15	PASS
				5376.8~26000	25762.83	-42.78	4.13	-38.65	0.13646	≤2.5	PASS
			5530	30~5460	5456.20	-39.33	4.42	-34.91	0.32285	≤12.5	PASS
				5460~5469.5	5465.27	-35.88	4.42	-31.46	0.71450	≤50	PASS
				5469.5~5470	5469.96	-36.07	4.42	-31.65	0.68391	≤51.2	PASS
				5770~26000	25851.65	-42.82	4.42	-38.40	0.14454	≤12.5	PASS
			5610	30~5460	4946.87	-44.71	4.42	-40.29	0.09354	≤12.5	PASS
				5460~5469.5	5467.61	-44.70	4.42	-40.28	0.09376	≤50	PASS
				5469.5~5470	5469.73	-44.36	4.42	-39.94	0.10139	≤51.2	PASS
				5770~26000	25415.35	-42.54	4.42	-38.12	0.15417	≤12.5	PASS
	11AX20SISO	Ant1	5180	30~5142	3895.18	-45.33	3.14	-42.19	0.06039	≤2.5	PASS
				5142~5150	5148.96	-43.76	3.14	-40.62	0.08670	≤15	PASS
				5250~5250.2	5250.20	-46.80	3.14	-43.66	0.04305	≤631.0	PASS
				5250.2~5251	5251.00	-46.47	3.14	-43.33	0.04645	≤100.0	PASS
				5251~5260	5259.87	-48.62	3.14	-45.48	0.02831	≤16.3	PASS
				5260~5266.7	5264.56	-46.22	3.14	-43.08	0.04920	≤15.7	PASS
				5266.7~26000	25664.81	-43.41	3.14	-40.27	0.09397	≤2.5	PASS
			5200	30~5142	2593.16	-44.81	3.14	-41.67	0.06808	≤2.5	PASS
				5142~5150	5146.56	-46.54	3.14	-43.40	0.04571	≤15	PASS
				5250~5250.2	5250.15	-43.91	3.14	-40.77	0.08375	≤857.7	PASS
				5250.2~5251	5250.98	-46.03	3.14	-42.89	0.05140	≤104.7	PASS
				5251~5260	5259.03	-47.86	3.14	-44.72	0.03373	≤19.3	PASS
				5260~5266.7	5263.91	-47.36	3.14	-44.22	0.03784	≤15.8	PASS
				5266.7~26000	25749.82	-42.69	3.14	-39.55	0.11092	≤2.5	PASS
			5240	30~5142	3921.25	-45.39	3.14	-42.25	0.05957	≤2.5	PASS

				5142~5150	5143.40	-46.57	3.14	-43.43	0.04539	≤15	PASS
				5250~5250.2	5250.17	-2.71	3.14	0.43	1104.07862	≤758.6	See table below
				5250.2~5251	5250.29	-3.74	3.14	-0.60	870.96359	≤512.9	See table below
				5251~5260	5251.02	-18.48	3.14	-15.34	29.24152	≤99.6	PASS
				5260~5266.7	5263.99	-45.08	3.14	-41.94	0.06397	≤15.8	PASS
				5266.7~26000	25617.13	-42.50	3.14	-39.36	0.11588	≤2.5	PASS
			5260	30~5233.3	3799.27	-44.57	4.13	-40.44	0.09036	≤2.5	PASS
				5233.3~5240	5233.39	-45.41	4.13	-41.28	0.07447	≤2.6	PASS
				5240~5249	5249	-14.30	4.13	-10.17	96.16123	≤100.0	See table below
				5249~5249.8	5249.27	-7.50	4.13	-3.37	460.25657	≤186.2	See table below
				5249.8~5250	5249.8	-4.67	4.13	-0.54	883.07990	≤631.0	See table below
				5350~26000	25763.90	-42.58	4.13	-38.45	0.14289	≤2.5	PASS
			5280	30~5233.3	3188.40	-44.73	4.13	-40.60	0.08710	≤2.5	PASS
				5233.3~5240	5233.53	-46.21	4.13	-42.08	0.06194	≤2.7	PASS
				5240~5249	5240.57	-46.03	4.13	-41.90	0.06457	≤17.8	PASS
				5249~5249.8	5249.03	-44.53	4.13	-40.40	0.09120	≤107.2	PASS
				5249.8~5250	5249.81	-45.47	4.13	-41.34	0.07345	≤670.9	PASS
				5350~26000	25635.18	-42.29	4.13	-38.16	0.15276	≤2.5	PASS
			5320	30~5233.3	2612.40	-39.40	4.13	-35.27	0.29717	≤2.5	PASS
				5233.3~5240	5233.58	-46.26	4.13	-42.13	0.06124	≤2.7	PASS
				5240~5249	5240.30	-46.13	4.13	-42.00	0.06310	≤16.9	PASS
				5249~5249.8	5249.03	-45.34	4.13	-41.21	0.07568	≤107.2	PASS
				5249.8~5250	5249.80	-45.95	4.13	-41.82	0.06577	≤631.0	PASS
				5350~26000	25960.77	-42.55	4.13	-38.42	0.14388	≤2.5	PASS
			5500	30~5460	3861.95	-44.07	4.42	-39.65	0.10839	≤2.5	PASS
				5460~5470	5469.32	-43.74	4.42	-39.32	0.11695	≤12.5	PASS
				5745~5765	5745.18	-45.72	4.42	-41.30	0.07413	≤12.5	PASS

				5765~26000	25698.50	-41.10	4.42	-36.68	0.21478	≤2.5	PASS
			5600	30~5460	4949.04	-41.94	4.42	-37.52	0.17701	≤2.5	PASS
				5460~5470	5460.65	-47.12	4.42	-42.70	0.05370	≤12.5	PASS
				5745~5765	5756.54	-45.95	4.42	-41.53	0.07031	≤12.5	PASS
				5765~26000	25575.74	-42.50	4.42	-38.08	0.15560	≤2.5	PASS
			5700	30~5460	5052.21	-41.30	4.42	-36.88	0.20512	≤2.5	PASS
				5460~5470	5466.47	-46.90	4.42	-42.48	0.05649	≤12.5	PASS
				5745~5765	5761.04	-45.12	4.42	-40.70	0.08511	≤12.5	PASS
				5765~26000	25847.56	-42.27	4.42	-37.85	0.16406	≤2.5	PASS
	11AX40SISO	Ant1	5190	30~5141.6	3095.43	-45.62	3.14	-42.48	0.05649	≤2.5	PASS
				5141.6~5150	5148.29	-45.53	3.14	-42.39	0.05768	≤15	PASS
				5250~5251	5250.97	-45.80	3.14	-42.66	0.05420	≤53.6	PASS
				5251~5270	5269.70	-48.33	3.14	-45.19	0.03027	≤8.2	PASS
				5270~5278.4	5277.95	-47.70	3.14	-44.56	0.03499	≤2.6	PASS
				5278.4~26000	25598.00	-42.79	3.14	-39.65	0.10839	≤2.5	PASS
			5230	30~5141.6	3220.66	-44.54	3.14	-41.40	0.07244	≤2.5	PASS
				5141.6~5150	5144.93	-46.68	3.14	-43.54	0.04426	≤15	PASS
				5250~5251	5250.02	-12.54	3.14	-9.40	114.81536	≤477.5	PASS
				5251~5270	5251.10	-28.20	3.14	-25.06	3.11889	≤49.5	PASS
				5270~5278.4	5276.23	-45.82	3.14	-42.68	0.05395	≤3.4	PASS
				5278.4~26000	25674.67	-42.80	3.14	-39.66	0.10814	≤2.5	PASS
			5270	30~5221.6	3826.62	-44.59	4.13	-40.46	0.08995	≤2.5	PASS
				5221.6~5230	5221.61	-44.53	4.13	-40.40	0.09120	≤2.5	PASS
				5230~5249	5248.98	-26.47	4.13	-22.34	5.83445	≤49.9	PASS
				5249~5250	5249.96	-12.50	4.13	-8.37	145.54591	≤456.0	PASS
				5348.4~26000	25678.52	-43.01	4.13	-38.88	0.12942	≤2.5	PASS
				5350~5348.4	5348.40	-46.35	4.13	-42.22	0.05998	≤15	PASS
			5310	30~5221.6	2613.34	-40.65	4.13	-36.52	0.22284	≤2.5	PASS
				5221.6~5230	5221.91	-46.04	4.13	-41.91	0.06442	≤2.6	PASS
				5230~5249	5231.96	-46.10	4.13	-41.97	0.06353	≤9.6	PASS
				5249~5250	5249.02	-46.22	4.13	-42.09	0.06180	≤52.4	PASS
				5348.4~26000	25691.60	-43.48	4.13	-39.35	0.11614	≤2.5	PASS
				5350~5348.4	5348.40	-45.35	4.13	-41.22	0.07551	≤15	PASS
			5510	30~5460	5458.91	-37.22	4.42	-32.80	0.52481	≤12.5	PASS
				5460~5470	5462.73	-29.73	4.42	-25.31	2.94442	≤50	PASS
				5770~26000	25719.48	-42.21	4.42	-37.79	0.16634	≤12.5	PASS
			5590	30~5460	4947.95	-40.76	4.42	-36.34	0.23227	≤12.5	PASS

11AX80SISO	Ant1	5670	5460~5470	5464.94	-45.37	4.42	-40.95	0.08035	≤50	PASS
			5770~26000	25305.44	-42.64	4.42	-38.22	0.15066	≤12.5	PASS
			30~5460	2437.12	-44.21	4.42	-39.79	0.10495	≤12.5	PASS
			5460~5470	5469.79	-47.22	4.42	-42.80	0.05248	≤50	PASS
			5770~26000	25466.60	-42.34	4.42	-37.92	0.16144	≤12.5	PASS
		5210	30~5123.2	2433.99	-45.18	3.14	-42.04	0.06252	≤2.5	PASS
			5132.5~5150	5136.60	-44.88	3.14	-41.74	0.06699	≤15	PASS
			5250~5251	5250.99	-21.19	3.14	-18.05	15.66751	≤25.6	See table below
			5251~5290	5251.27	-28.74	3.14	-25.60	2.75423	≤24.7	PASS
			5290~5296.7	5296.26	-47.18	3.14	-44.04	0.03945	≤2.6	PASS
			5296.7~26000	25524.51	-42.23	3.14	-39.09	0.12331	≤2.5	PASS
		5290	30~5203.3	3867.55	-44.94	4.13	-40.81	0.08299	≤2.5	PASS
			5203.3~5210	5204.35	-45.02	4.13	-40.89	0.08147	≤2.7	PASS
			5210~5249	5248.92	-23.60	4.13	-19.47	11.29796	≤24.9	PASS
			5249~5250	5249.63	-15.06	4.13	-10.93	80.72350	≤106.6	See table below
			5350~5376.8	5360.00	-44.70	4.13	-40.57	0.08770	≤15	PASS
			5376.8~26000	25971.13	-42.12	4.13	-37.99	0.15885	≤2.5	PASS
		5530	30~5460	5457.29	-31.54	4.42	-27.12	1.94089	≤12.5	PASS
			5460~5469.5	5468.67	-28.41	4.42	-23.99	3.99025	≤50	PASS
			5469.5~5470	5469.97	-29.25	4.42	-24.83	3.28852	≤51.2	PASS
			5770~26000	25849.62	-42.20	4.42	-37.78	0.16672	≤12.5	PASS
		5610	30~5460	4950.67	-41.98	4.42	-37.56	0.17539	≤12.5	PASS
			5460~5469.5	5469.19	-44.67	4.42	-40.25	0.09441	≤50	PASS
			5469.5~5470	5469.79	-43.67	4.42	-39.25	0.11885	≤51.2	PASS
			5770~26000	25860.41	-42.56	4.42	-38.14	0.15346	≤12.5	PASS

Test Result_Step2

Test Condition	Test Mode	Antenna	Frequency (MHz)	Freq. [MHz]	Result [dBm]	Gain [dBi]	EIRP [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	11A	Ant1	5240	5250.66	-34.01	3.14	-30.87	0.81846	≤123	PASS
	11N20SISO	Ant1	5240	5250.93	-30.08	3.14	-26.94	2.02302	≤138	PASS
				5251.08	-31.74	3.14	-28.60	1.38038	≤100	PASS

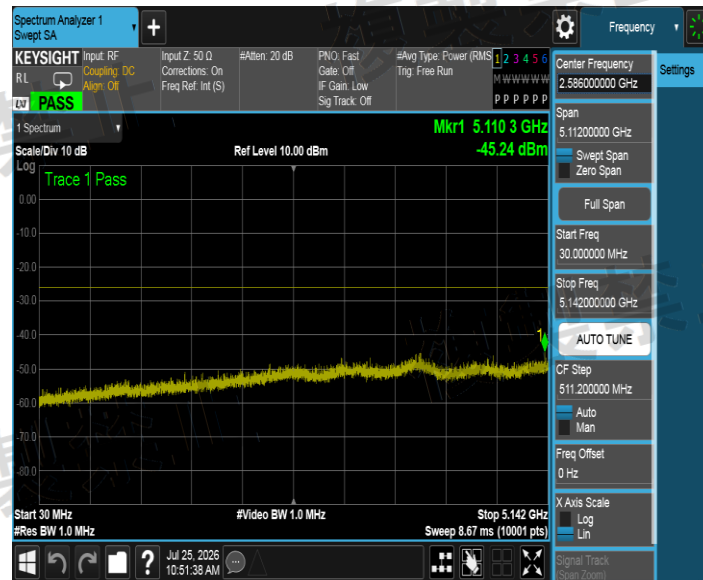


			5260	5248.92	-32.16	4.13	-28.03	1.57398	≤100	PASS
				5249.10	-29.40	4.13	-25.27	2.97167	≤178	PASS
	11AC20SISO	Ant1	5240	5250.97	-33.13	3.14	-29.99	1.00231	≤123	PASS
			5260	5248.95	-32.34	4.13	-28.21	1.51008	≤100	PASS
				5249.12	-32.11	4.13	-27.98	1.59221	≤112	PASS
	11AC80SISO	Ant1	5210	5250.95	-34.77	3.14	-31.63	0.68707	≤45	PASS
			5290	5249.01	-38.31	4.13	-34.18	0.38194	≤26	PASS
	11AX20SISO	Ant1	5240	5250.17	-17.76	3.14	-14.62	34.51437	≤713	PASS
				5250.29	-21.15	3.14	-18.01	15.81248	≤457	PASS
			5260	5249.00	-35.58	4.13	-31.45	0.71614	≤98	PASS
				5249.27	-32.06	4.13	-27.93	1.61065	≤135	PASS
				5249.80	-16.71	4.13	-12.58	55.20774	≤671	PASS
	11AX80SISO	Ant1	5210	5250.99	-38.54	3.14	-35.40	0.28840	≤28	PASS
			5290	5249.63	-30.62	4.13	-26.49	2.24388	≤194	PASS

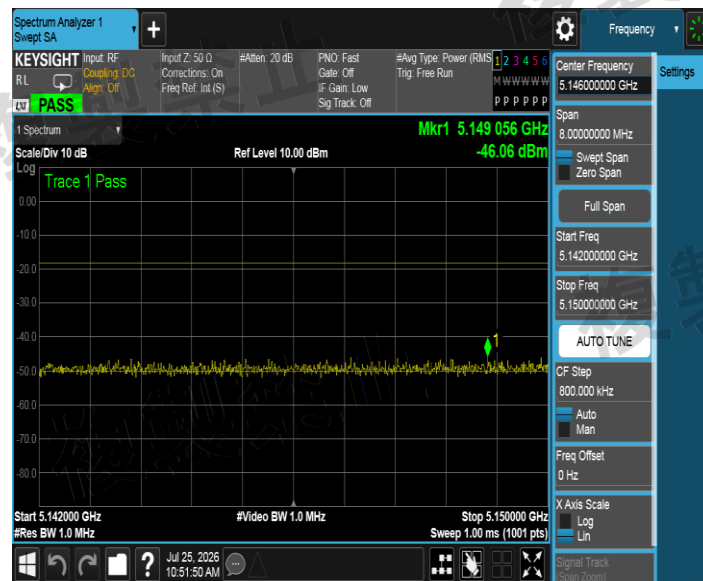


Test Plots:

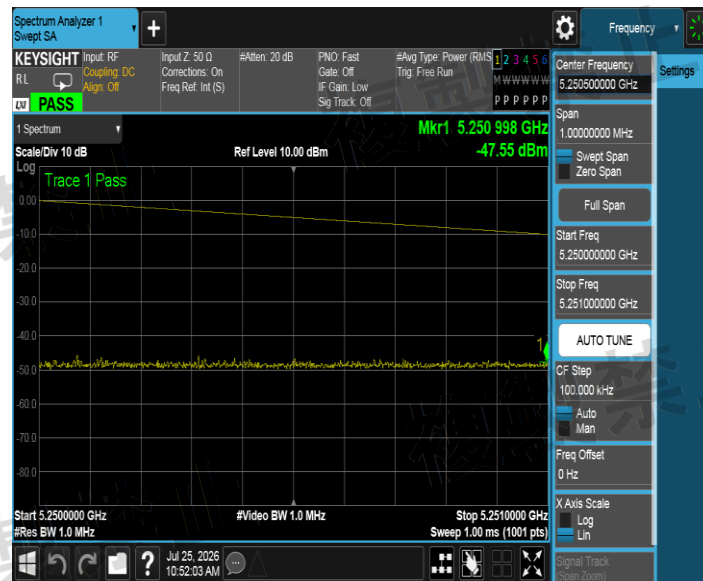
NTNV_11A_Ant1_5180_30~5142



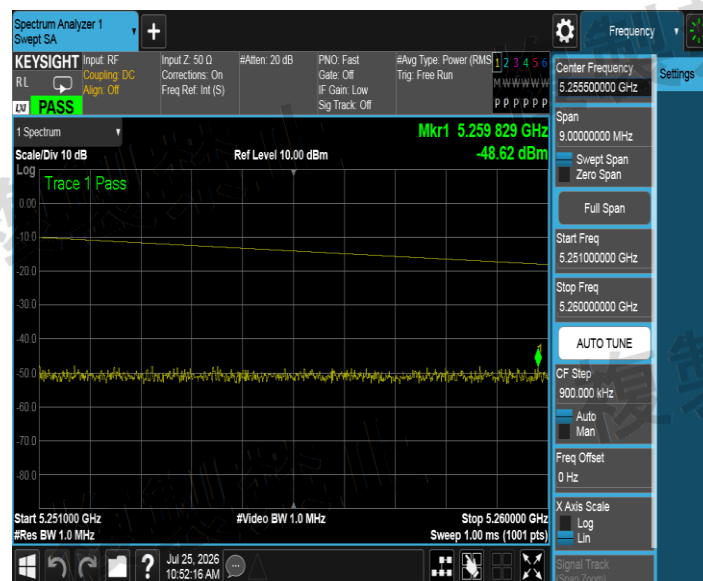
NTNV_11A_Ant1_5180_5142~5150



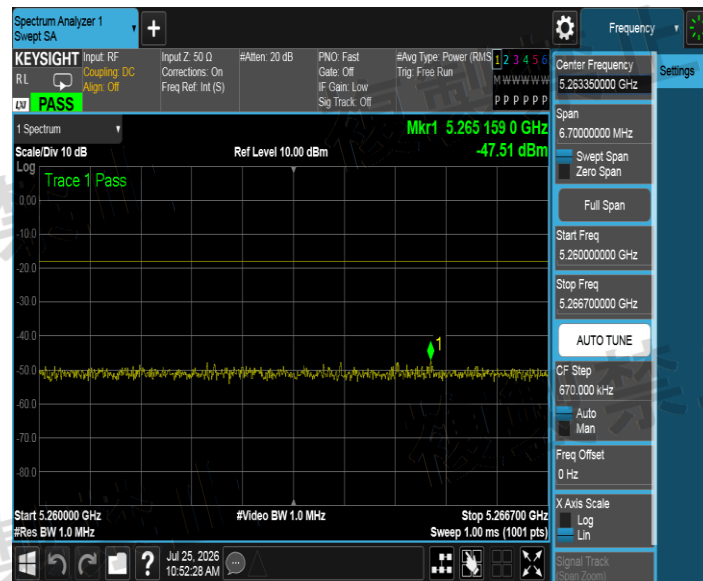
NTNV_11A_Ant1_5180_5250~5251



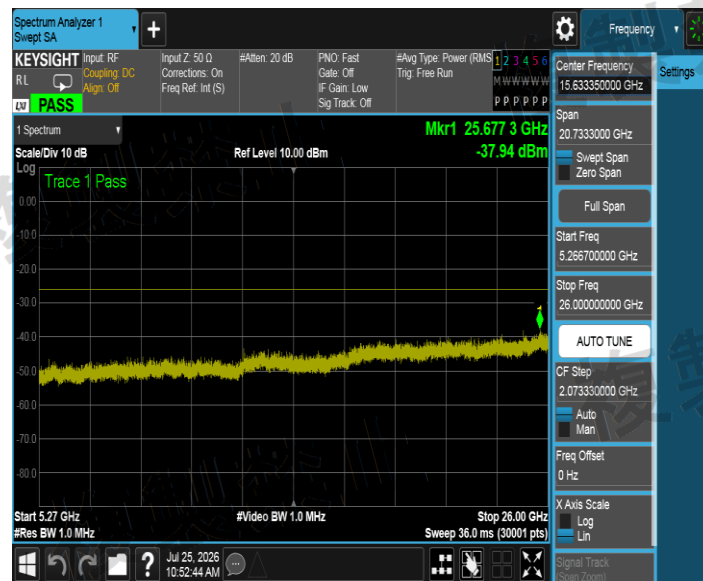
NTNV_11A_Ant1_5180_5251~5260



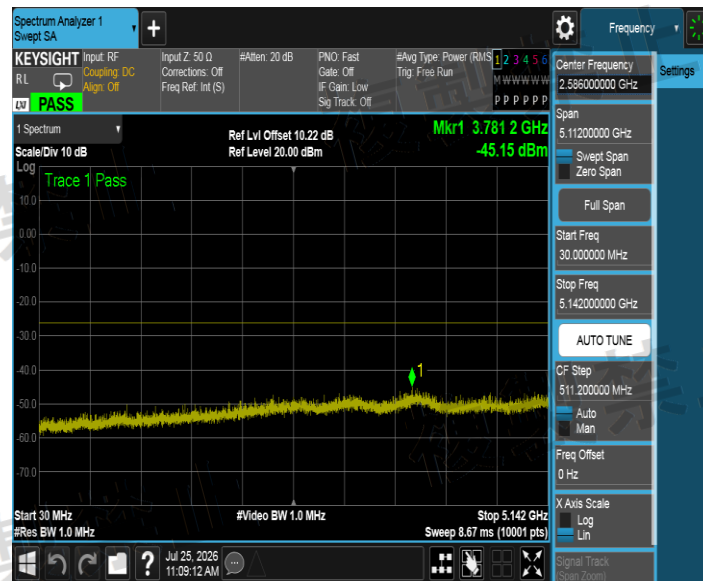
NTNV_11A_Ant1_5180_5260~5266.7



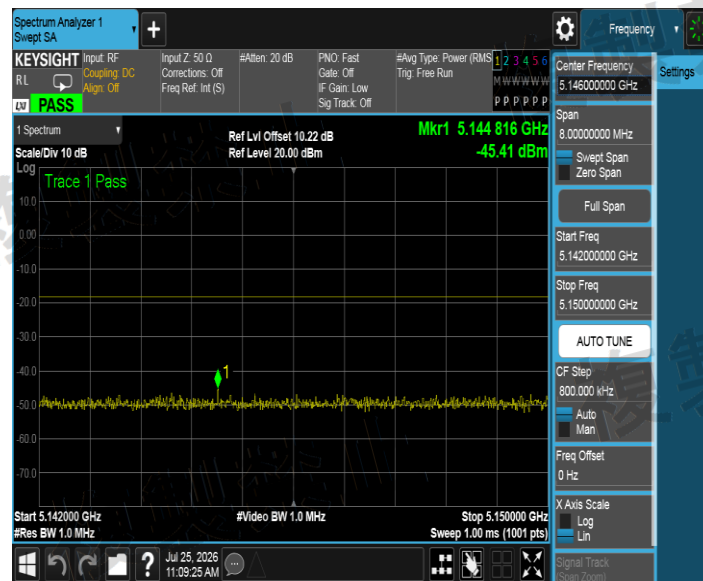
NTNV_11A_Ant1_5180_5266.7~26000



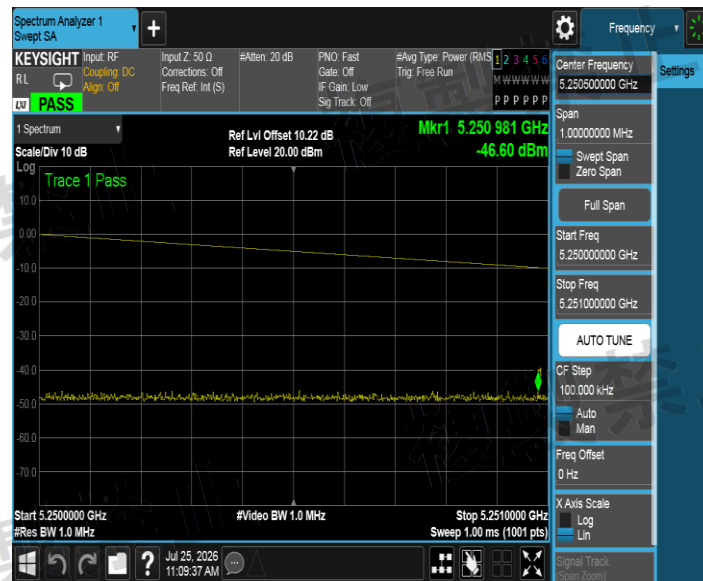
NTNV_11A_Ant1_5200_30~5142



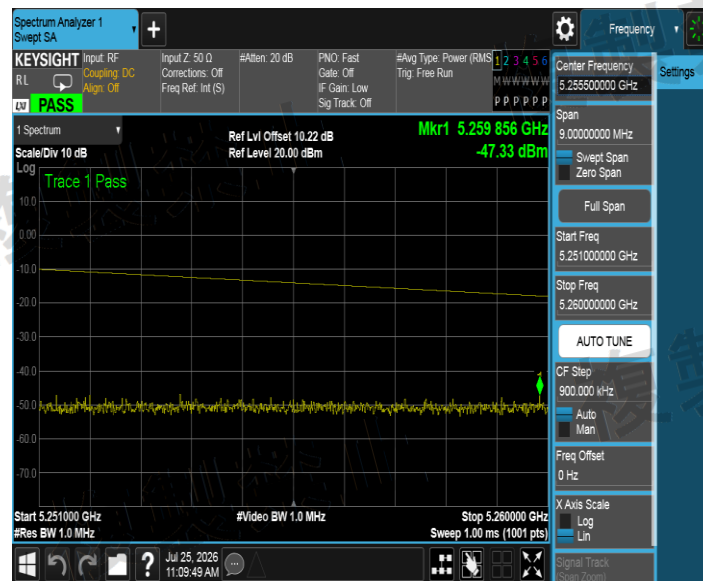
NTNV_11A_Ant1_5200_5142~5150



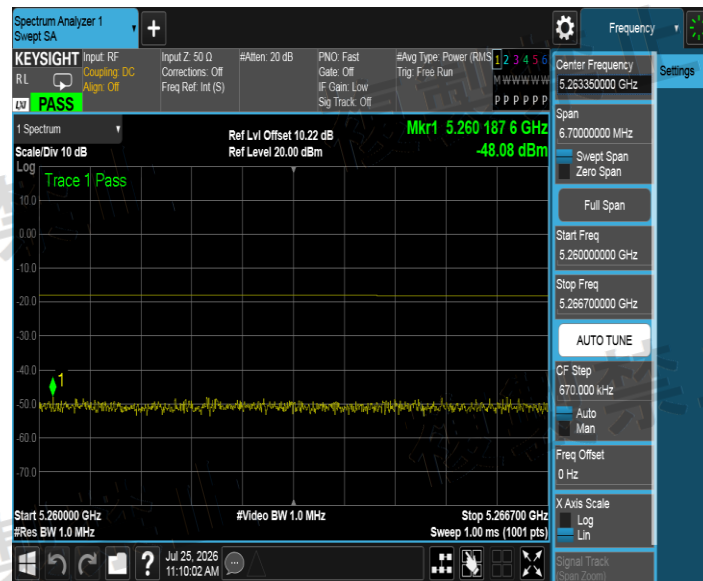
NTNV_11A_Ant1_5200_5250~5251



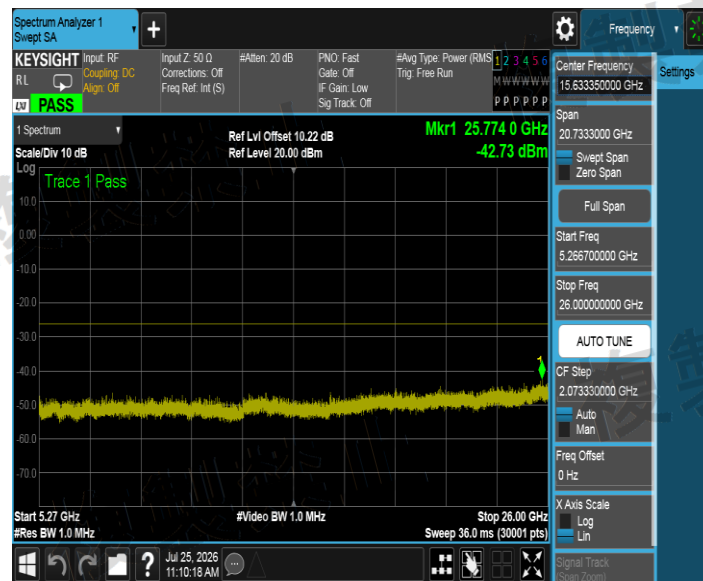
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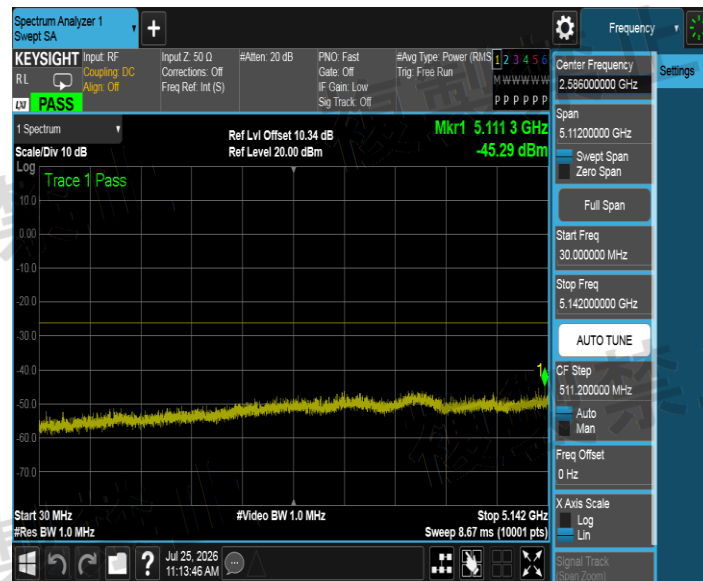
NTNV_11A_Ant1_5200_5260~5266.7



NTNV_11A_Ant1_5200_5266.7~26000



NTNV_11A_Ant1_5240_30~5142



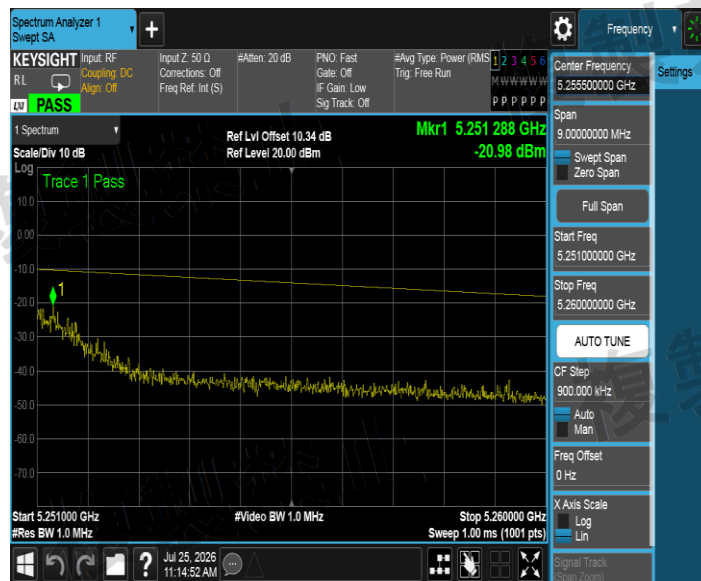
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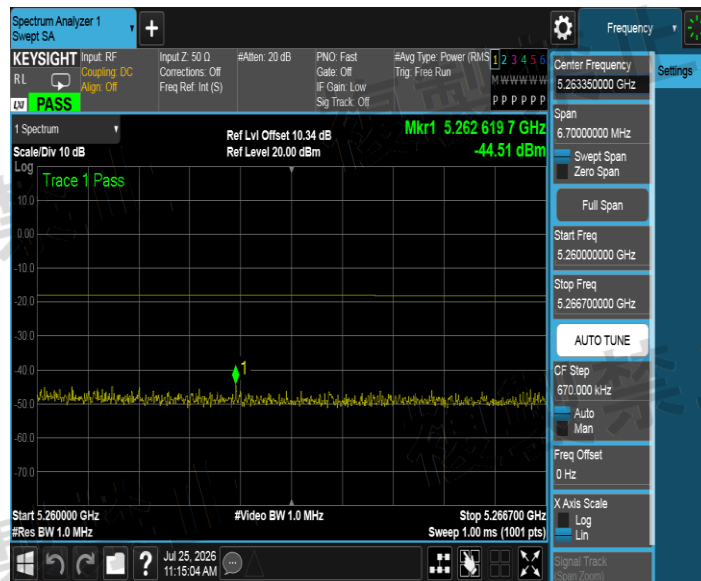
NTNV_11A_Ant1_5240_5250~5251



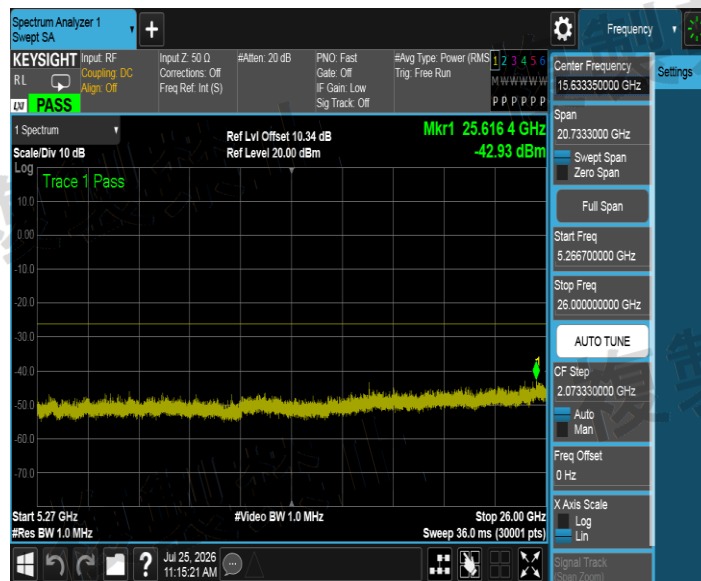
NTNV_11A_Ant1_5240_5251~5260



NTNV_11A_Ant1_5240_5260~5266.7



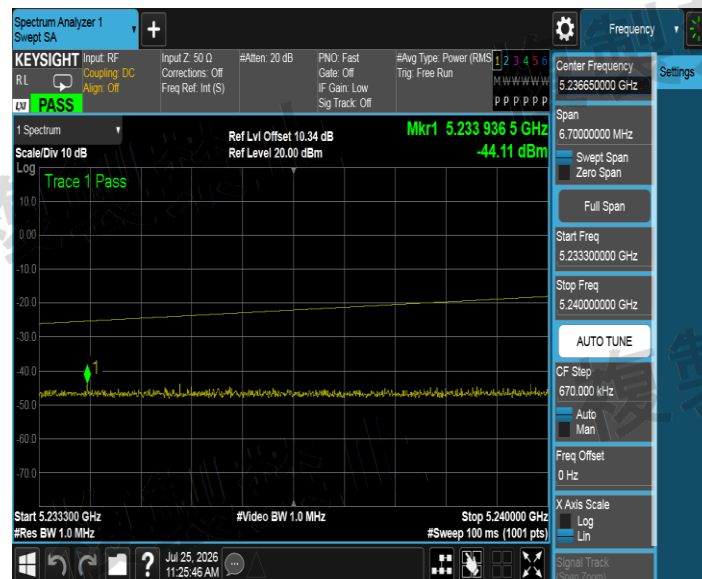
NTNV_11A_Ant1_5240_5266.7~26000



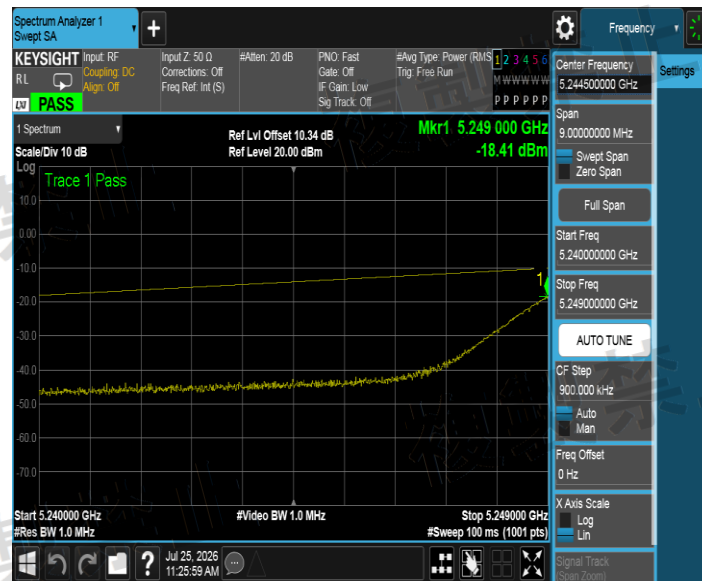
NTNV_11A_Ant1_5260_30~5233.3



NTNV_11A_Ant1_5260_5233.3~5240



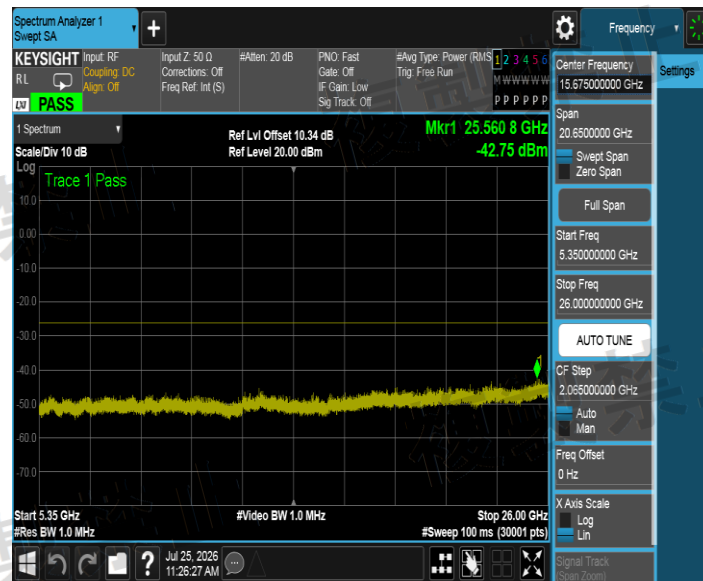
NTNV_11A_Ant1_5260_5240~5249



NTNV_11A_Ant1_5260_5249~5250



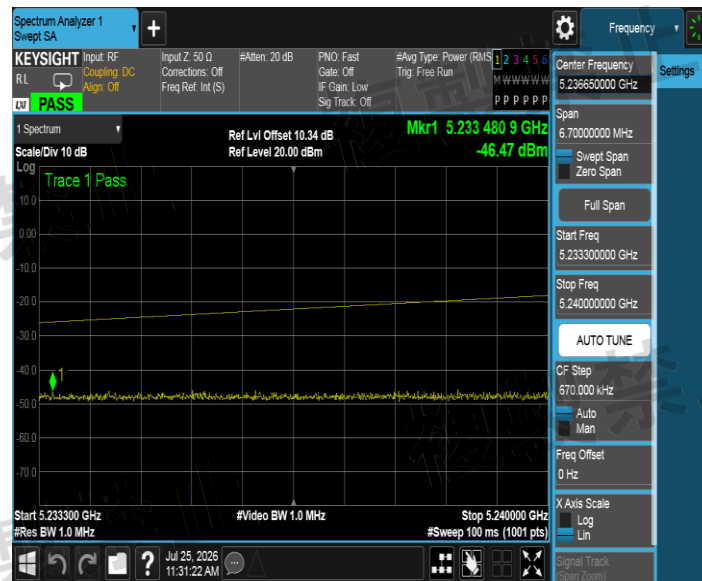
NTNV_11A_Ant1_5260_5350~26000



NTNV_11A_Ant1_5280_30~5233.3



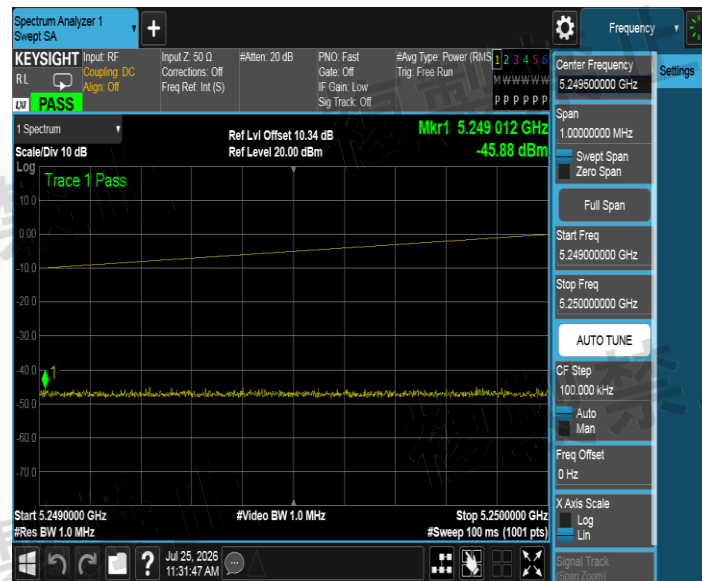
NTNV_11A_Ant1_5280_5233.3~5240



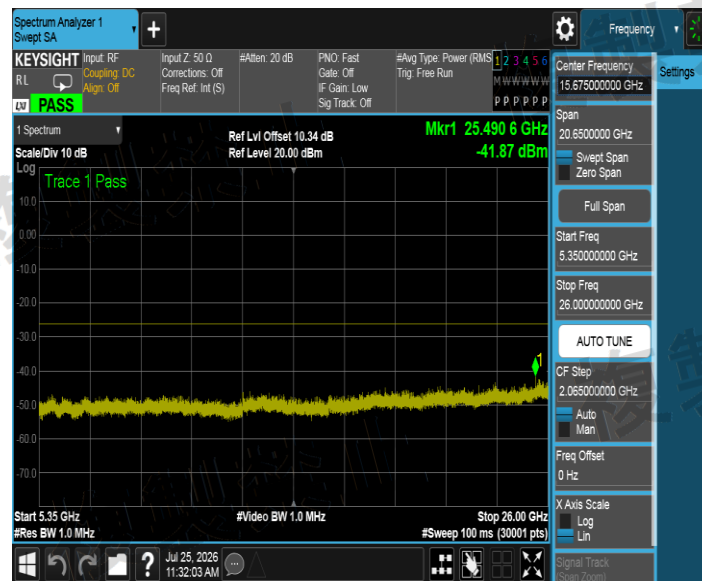
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NTNV_11A_Ant1_5280_5249~5250



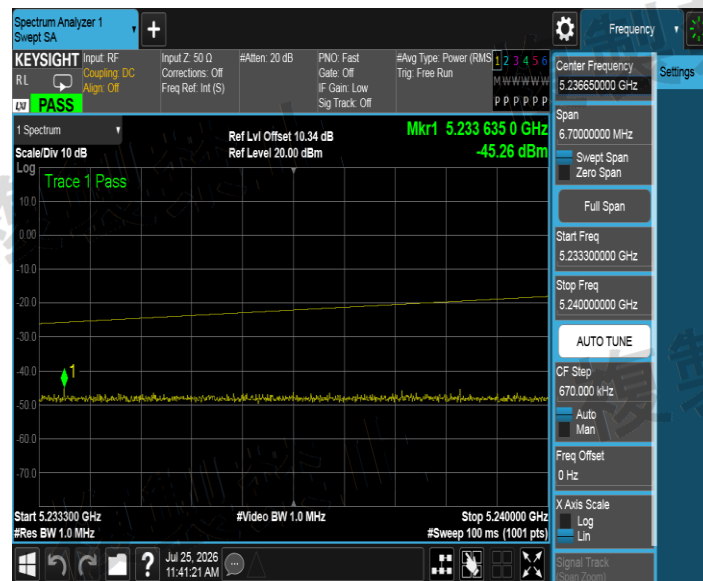
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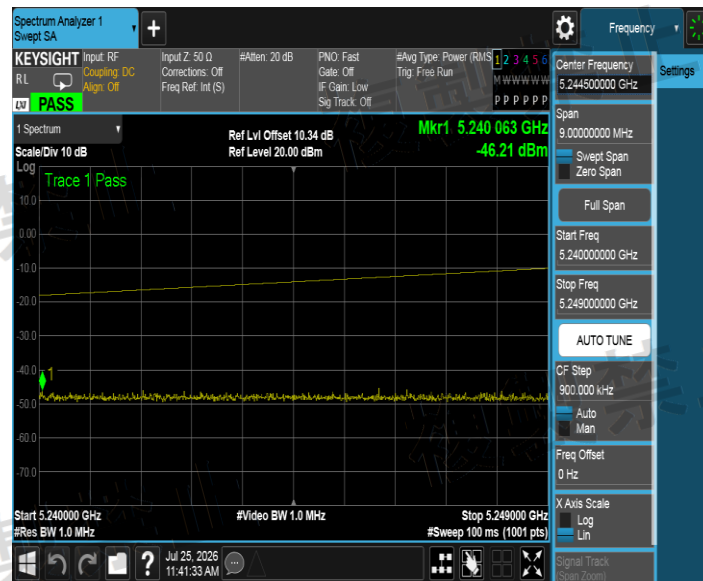
NTNV_11A_Ant1_5320_30~5233.3



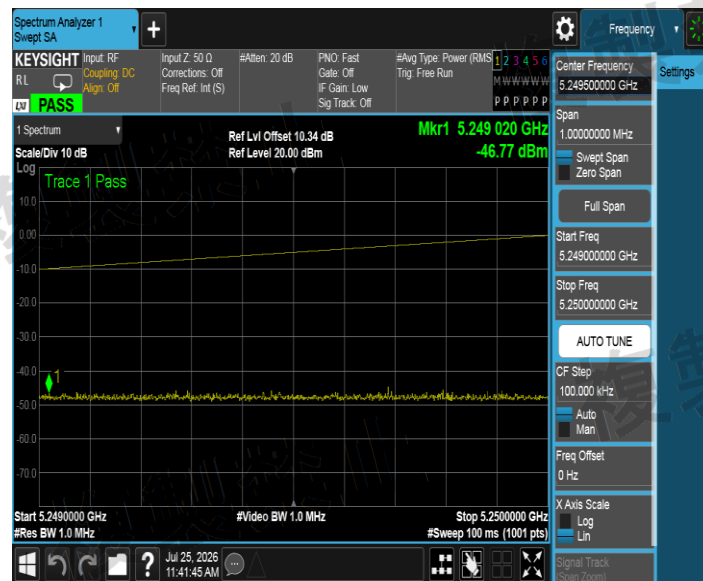
NTNV_11A_Ant1_5320_5233.3~5240



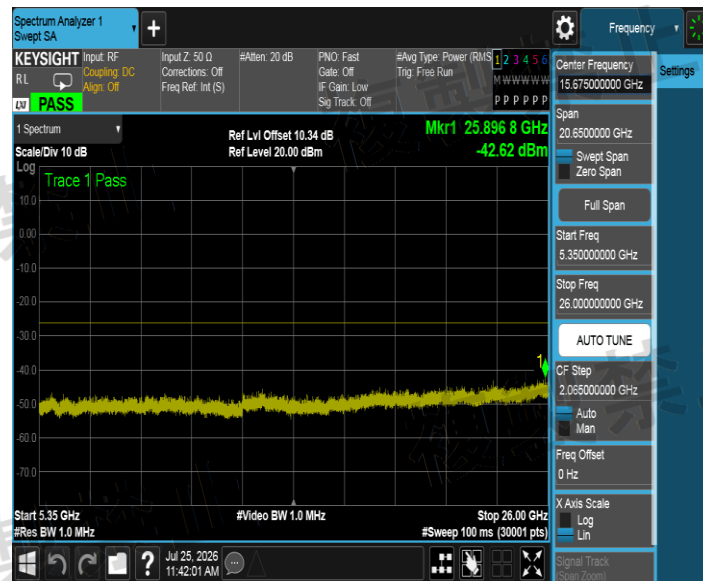
NTNV_11A_Ant1_5320_5240~5249



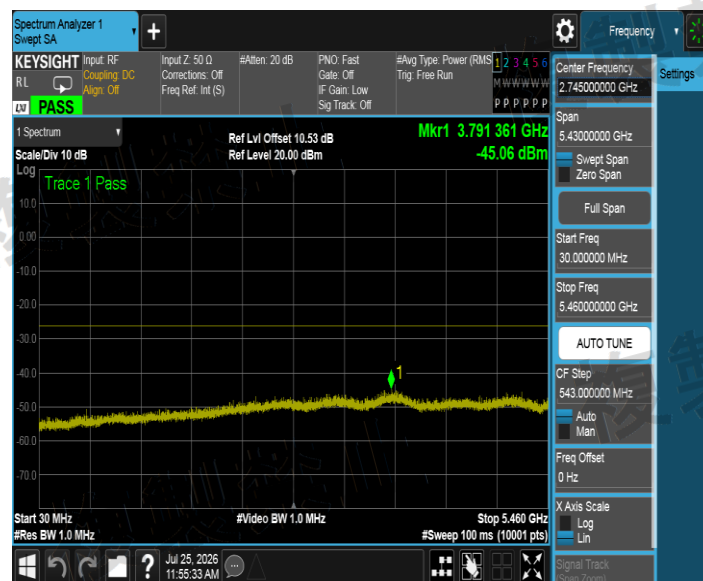
NTNV_11A_Ant1_5320_5249~5250



NTNV_11A_Ant1_5320_5350~26000



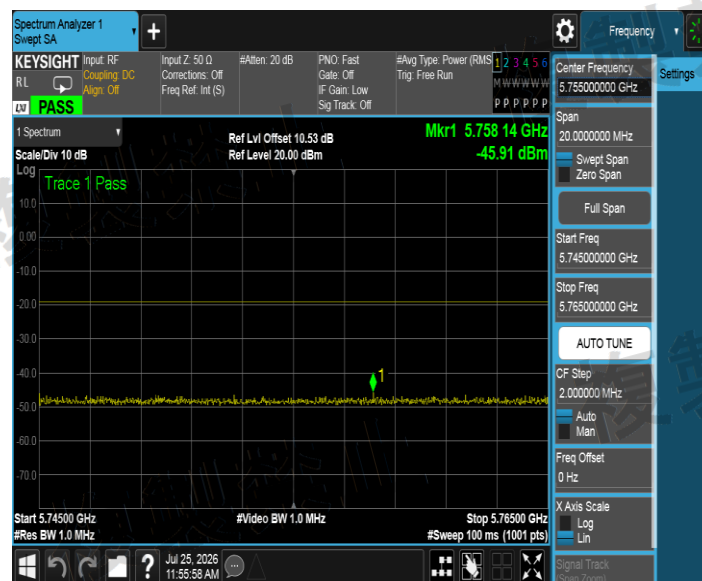
NTNV_11A_Ant1_5500_30~5460



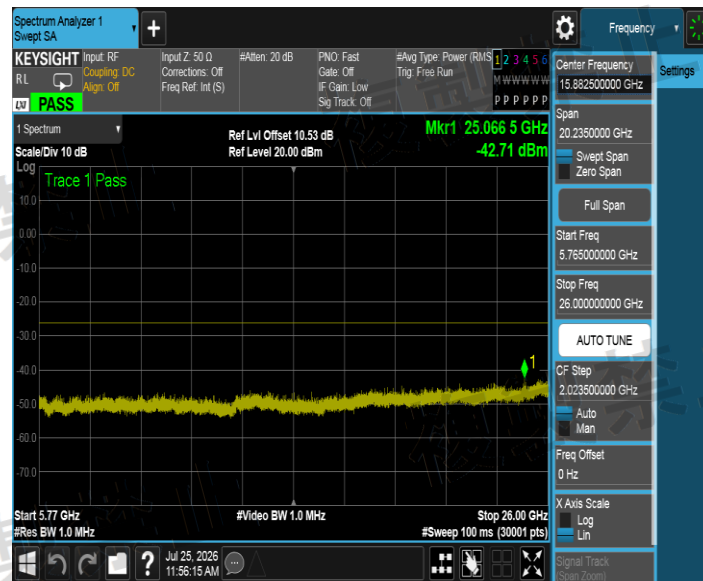
NTNV_11A_Ant1_5500_5460~5470



NTNV_11A_Ant1_5500_5745~5765



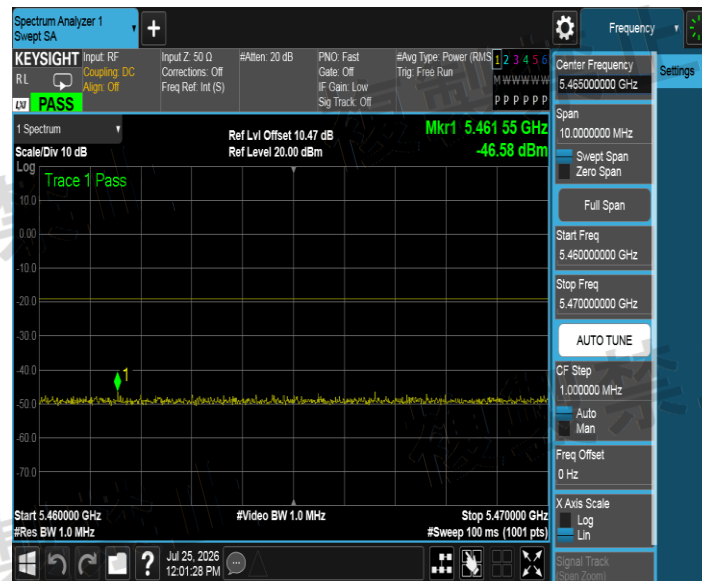
NTNV_11A_Ant1_5500_5765~26000



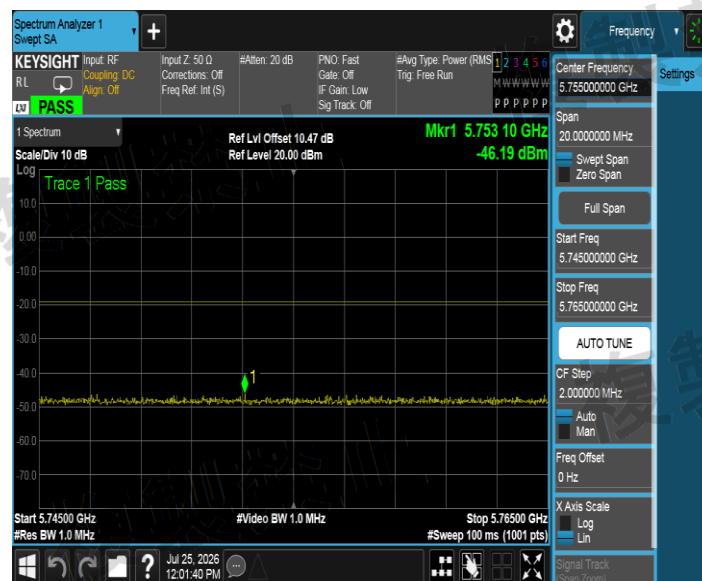
NTNV_11A_Ant1_5600_30~5460



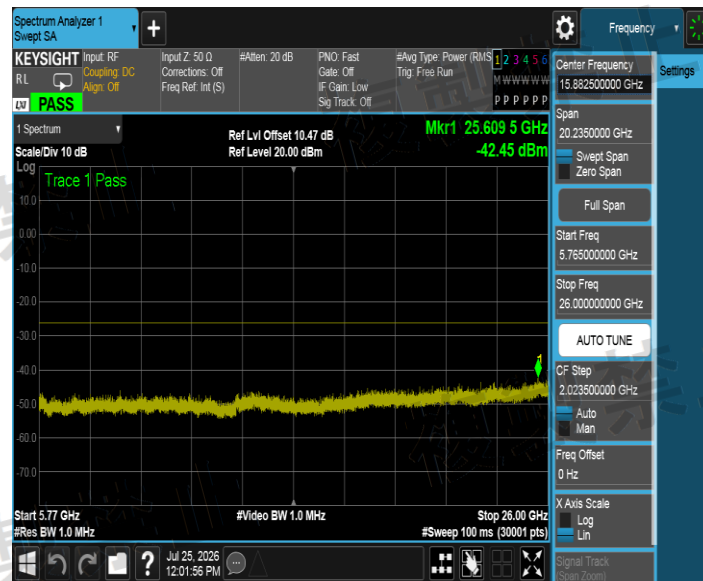
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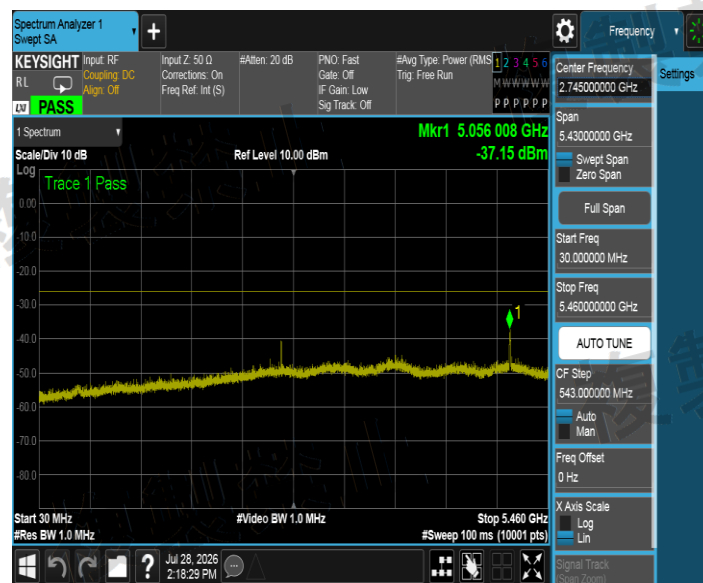
NTNV_11A_Ant1_5600_5745~5765



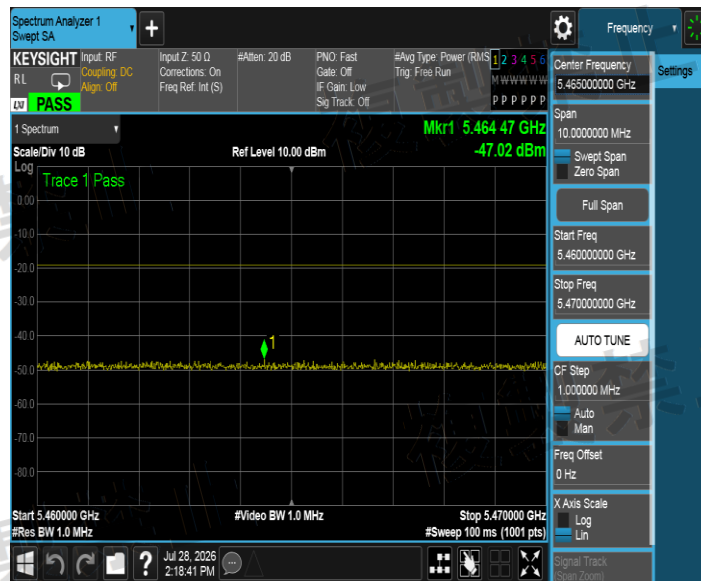
NTNV_11A_Ant1_5600_5765~26000



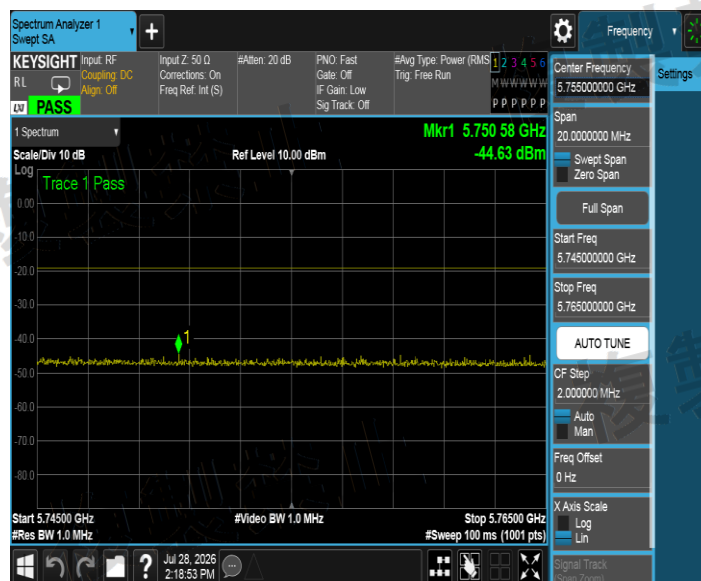
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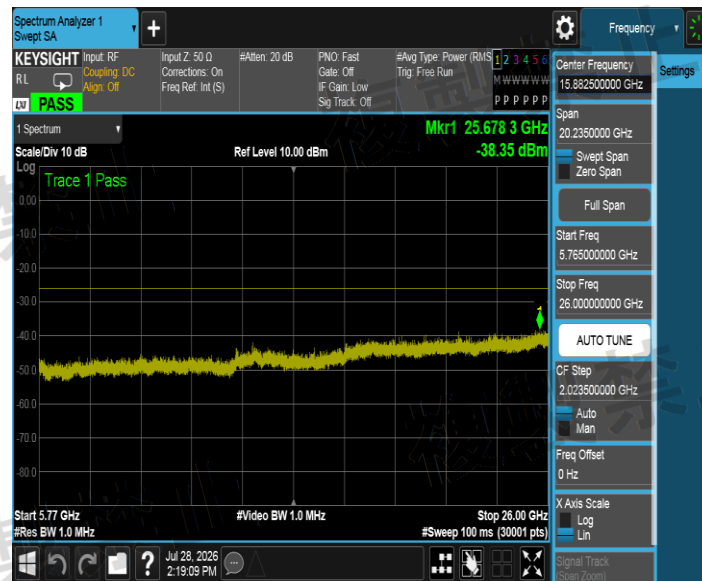
NTNV_11A_Ant1_5700_5460~5470



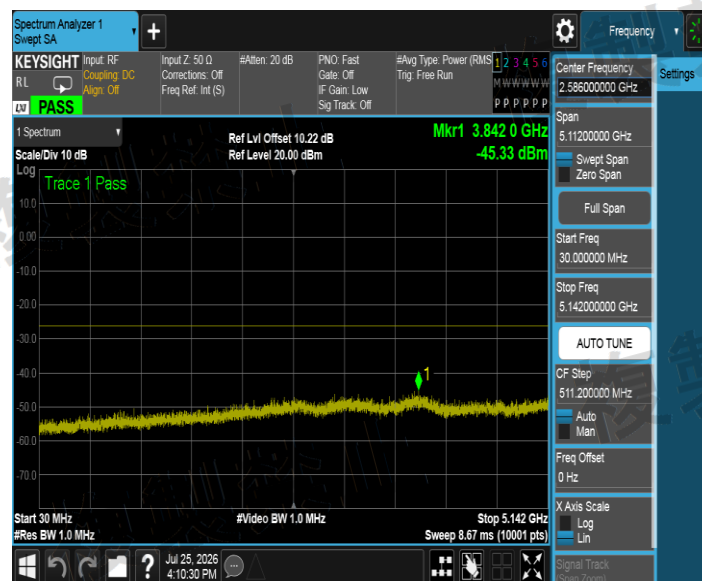
NTNV_11A_Ant1_5700_5745~5765



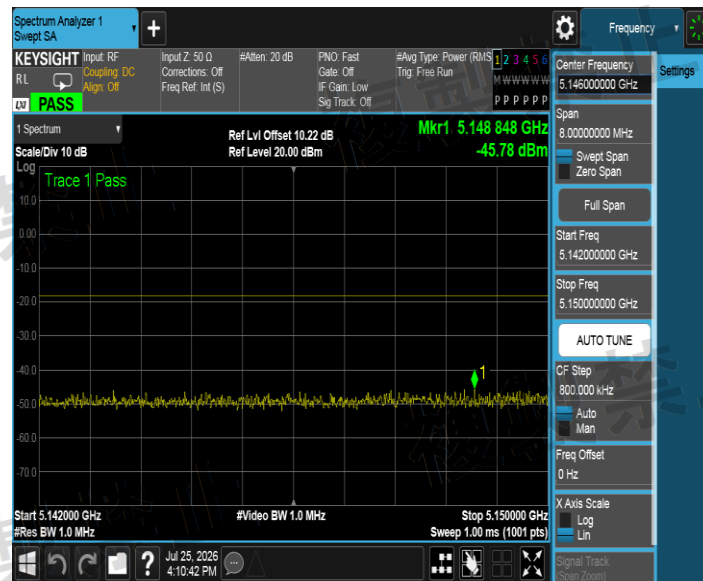
NTNV_11A_Ant1_5700_5765~26000



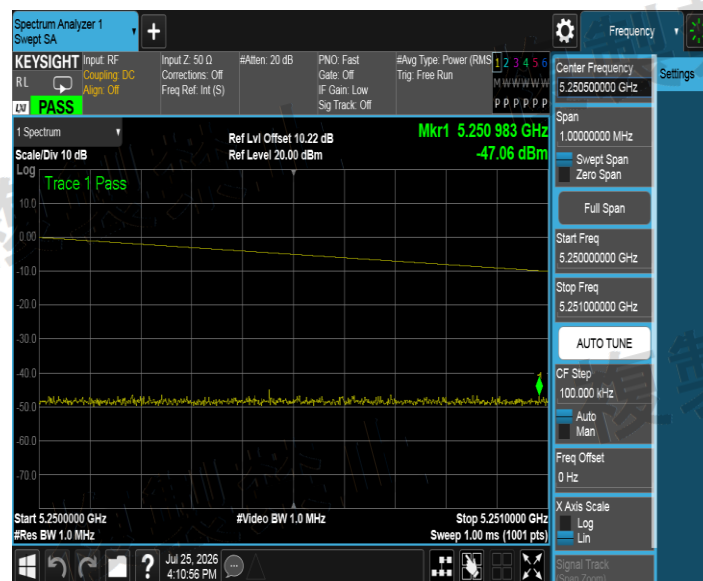
NTNV_11N20SISO_Ant1_5180_30~5142



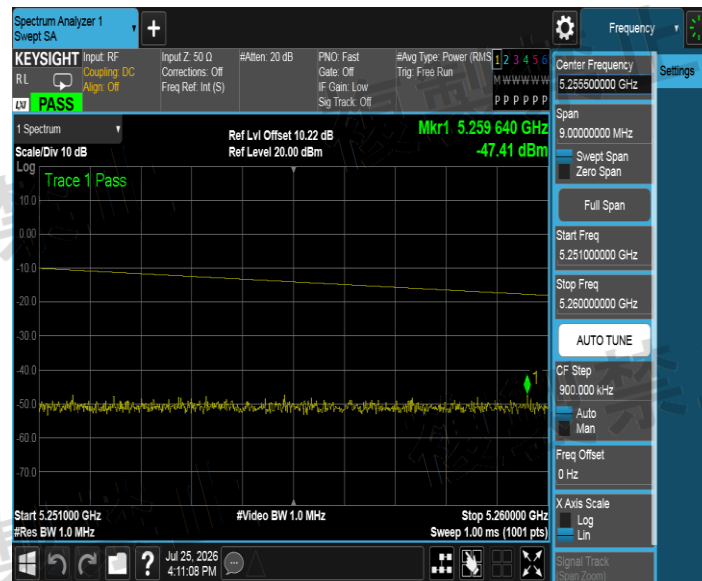
NTNV_11N20SISO_Ant1_5180_5142~5150



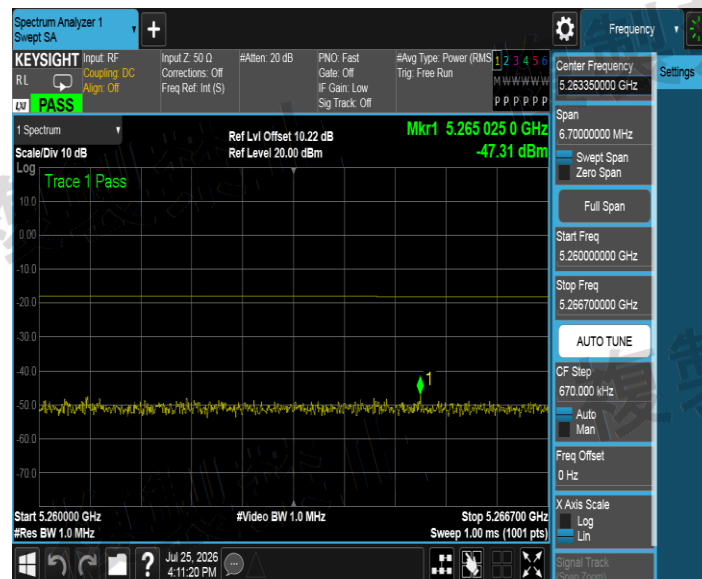
NTNV_11N20SISO_Ant1_5180_5250~5251



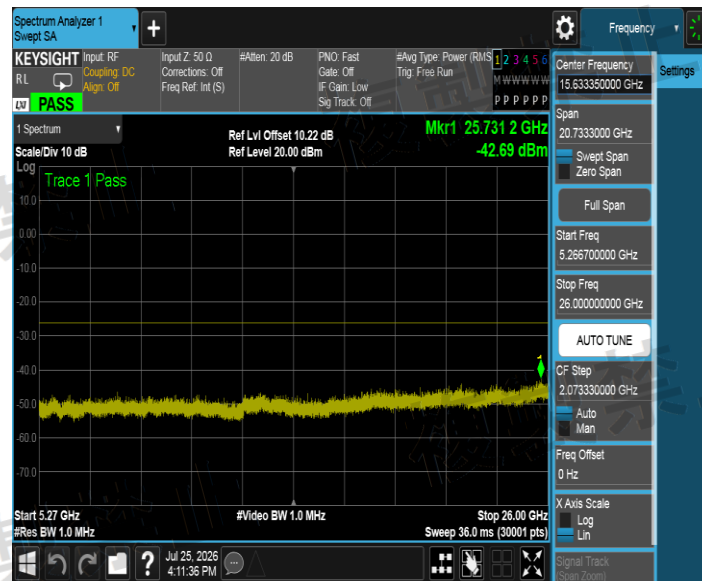
NTNV_11N20SISO_Ant1_5180_5251~5260



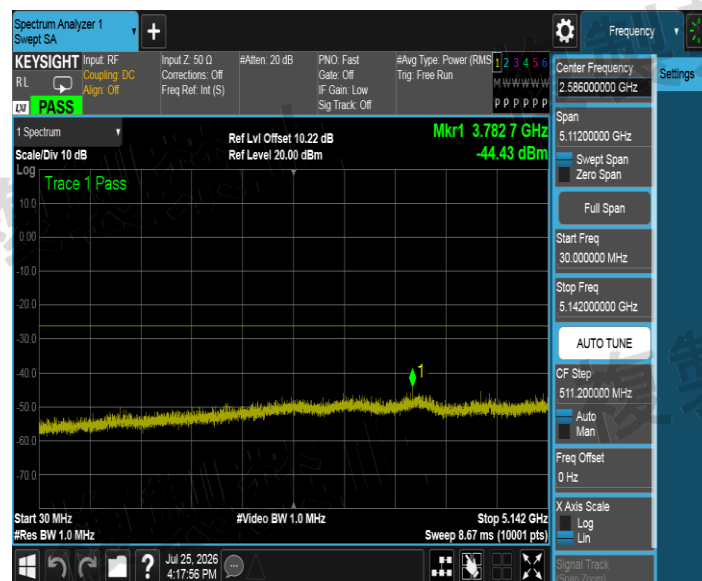
NTNV_11N20SISO_Ant1_5180_5260~5266.7



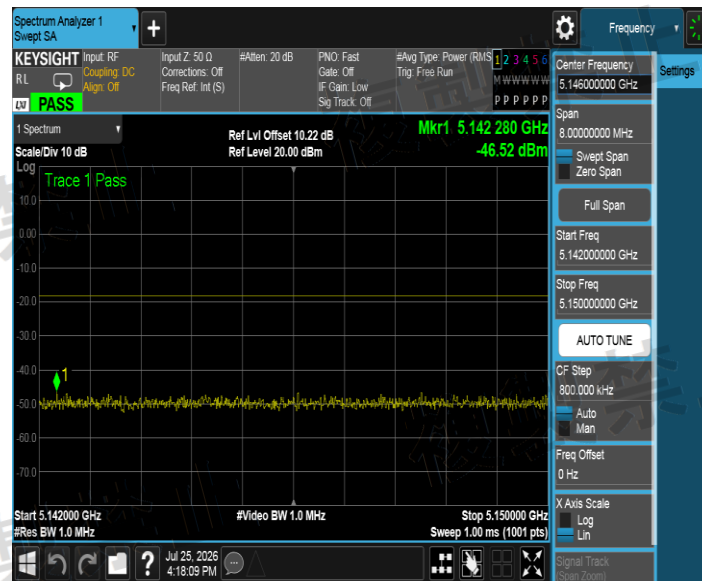
NTNV_11N20SISO_Ant1_5180_5266.7~26000



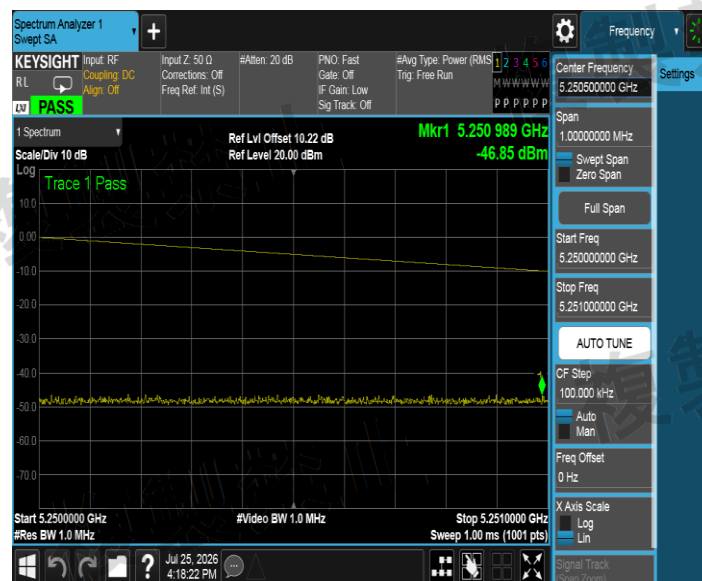
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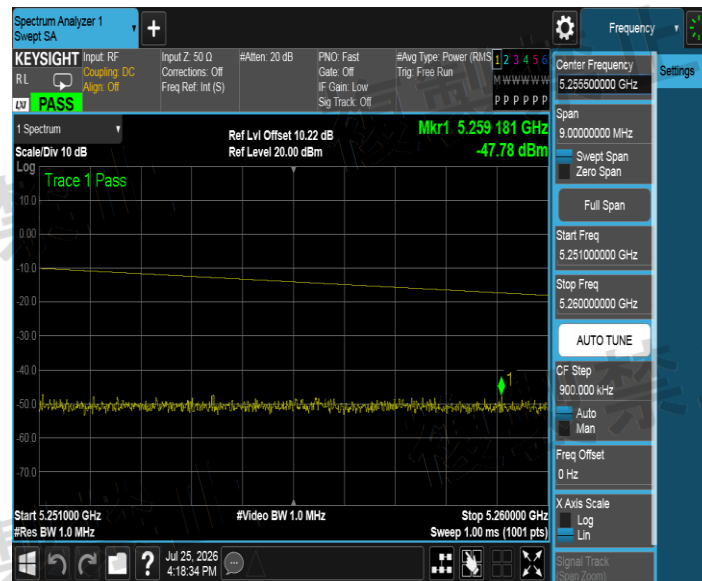
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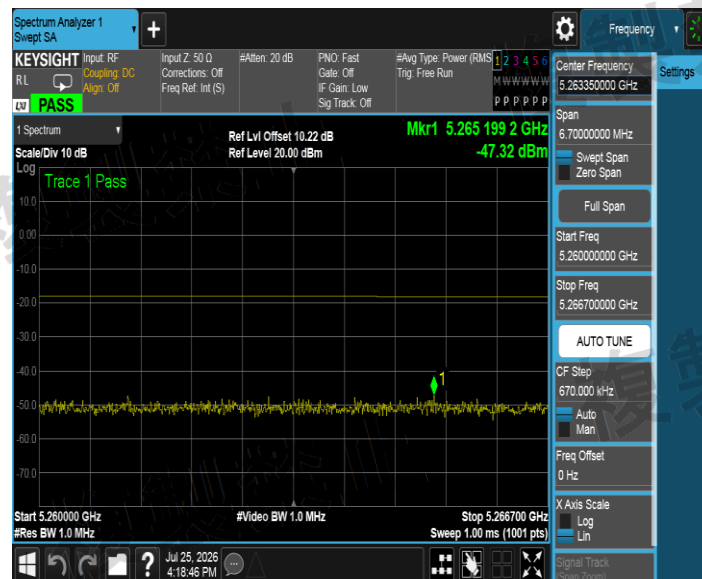
NTNV_11N20SISO_Ant1_5200_5250~5251



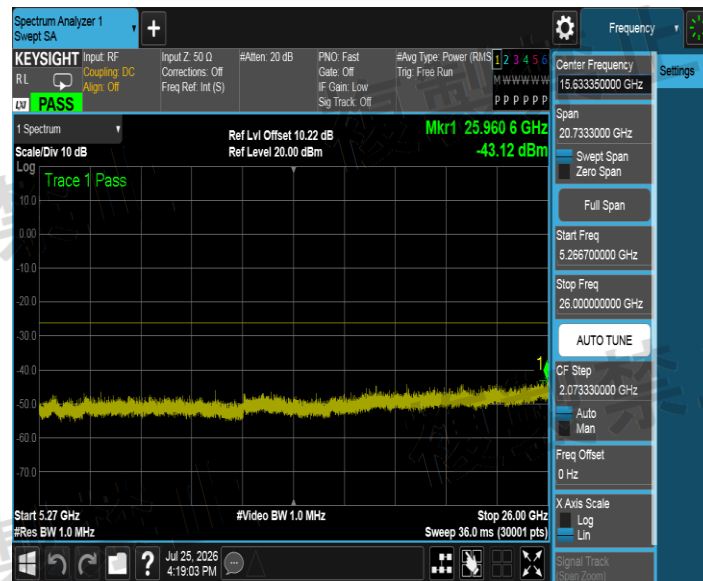
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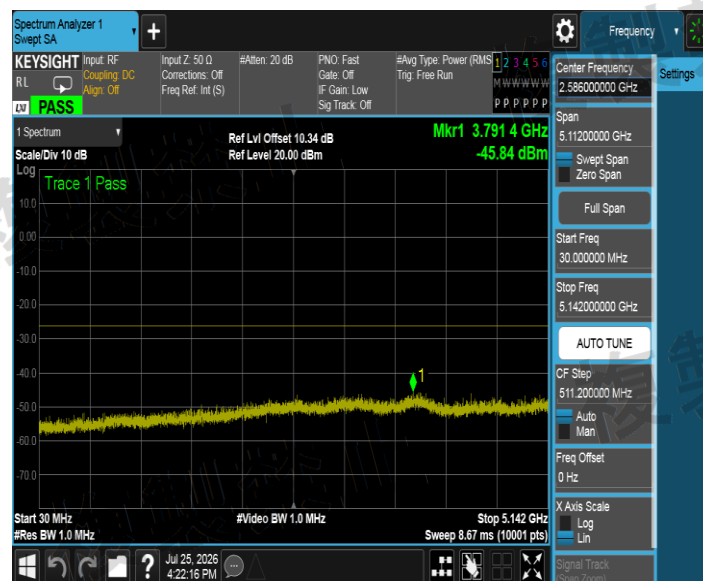
NTNV_11N20SISO_Ant1_5200_5260~5266.7



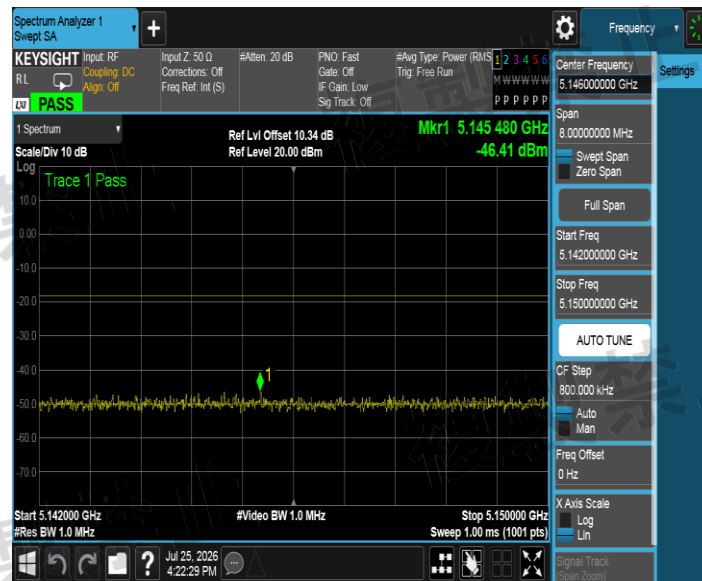
NTNV_11N20SISO_Ant1_5200_5266.7~26000



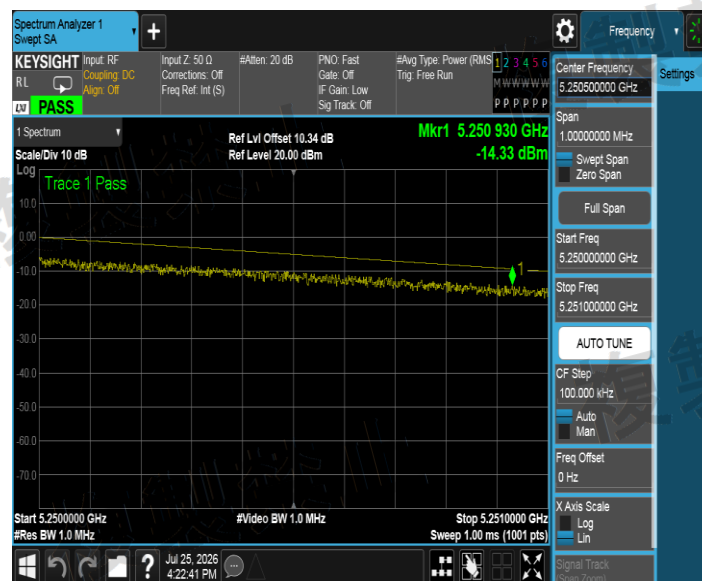
NTNV_11N20SISO_Ant1_5240_30~5142



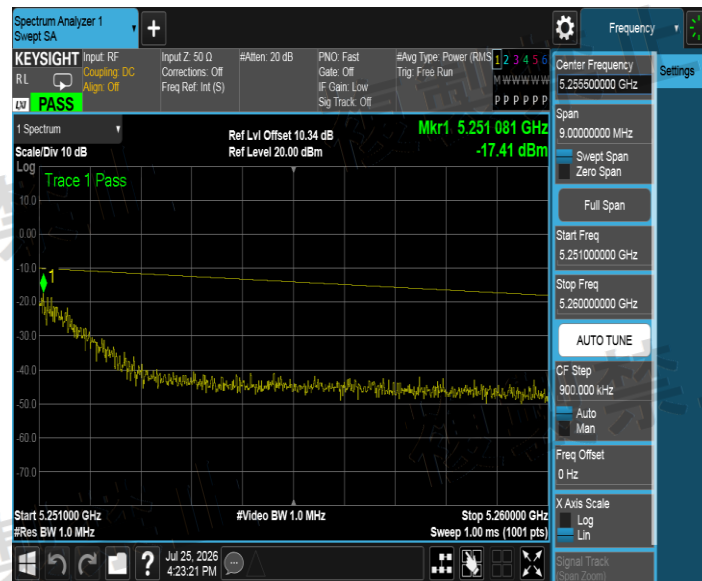
NTNV_11N20SISO_Ant1_5240_5142~5150



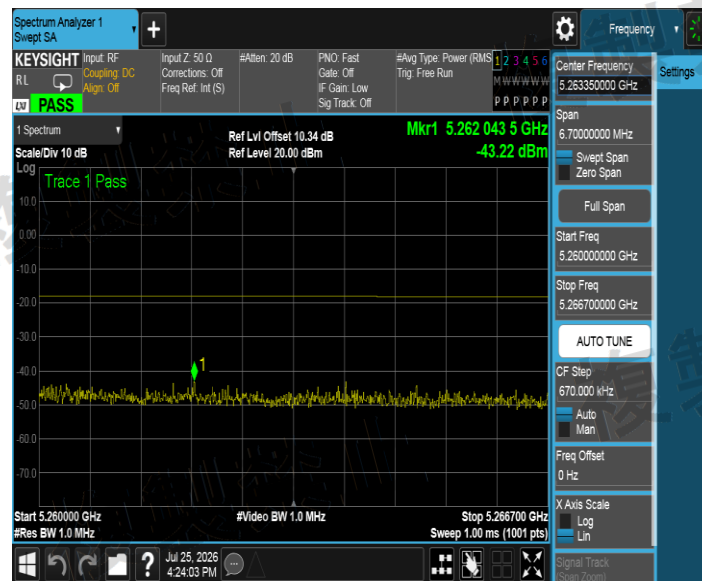
NTNV_11N20SISO_Ant1_5240_5250~5251



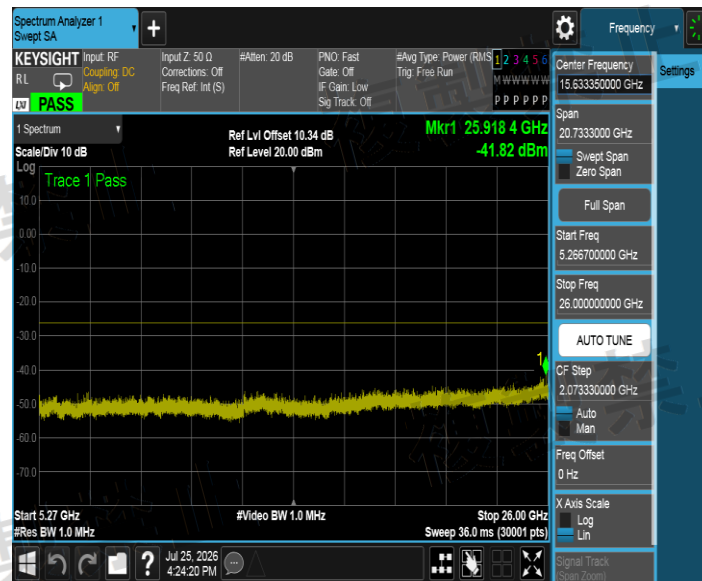
NTNV_11N20SISO_Ant1_5240_5251~5260



NTNV_11N20SISO_Ant1_5240_5260~5266.7



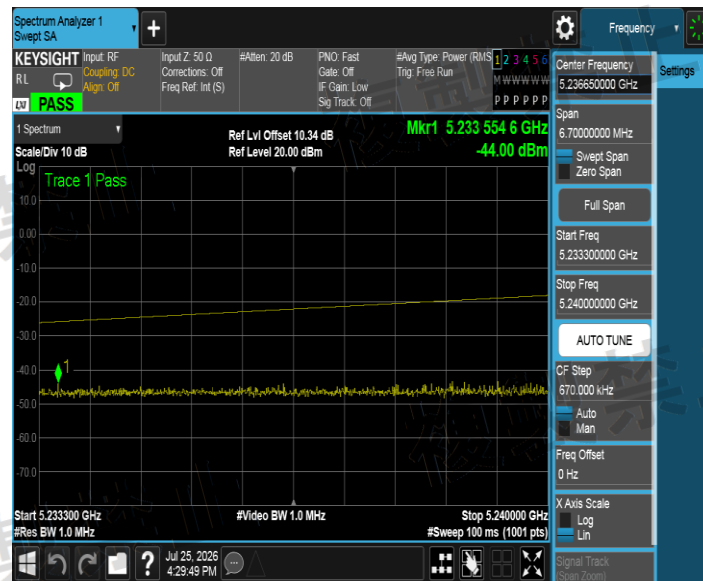
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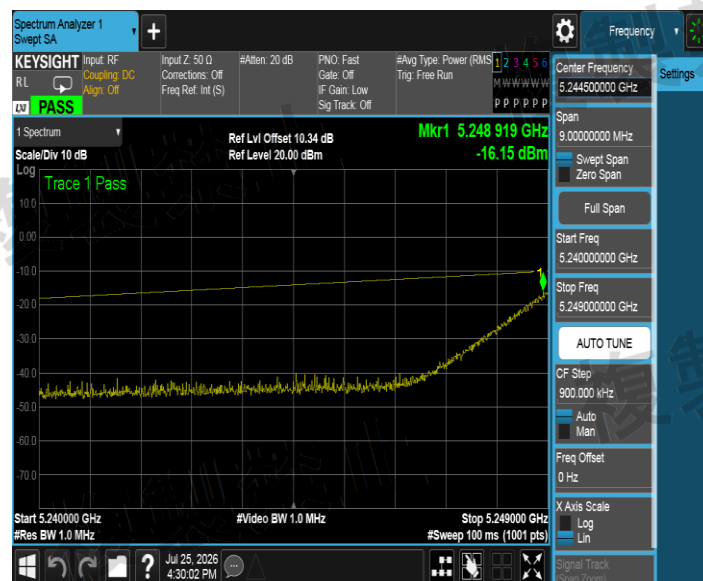
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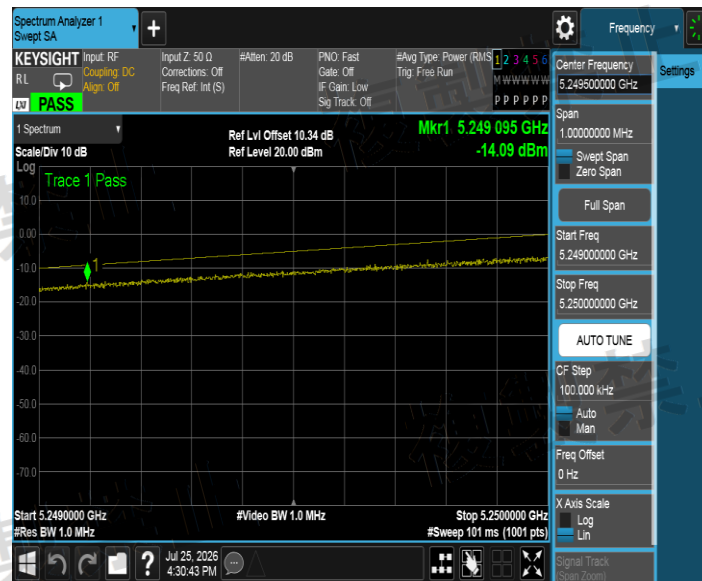
NTNV_11N20SISO_Ant1_5260_5233.3~5240



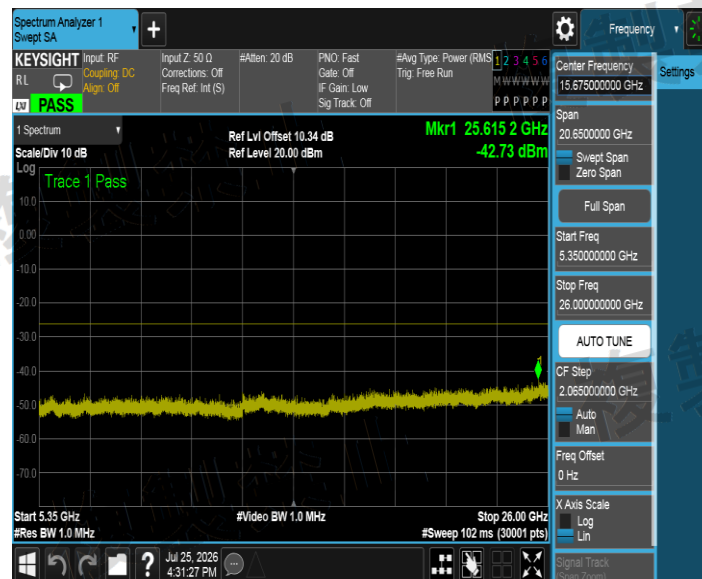
NTNV_11N20SISO_Ant1_5260_5240~5249



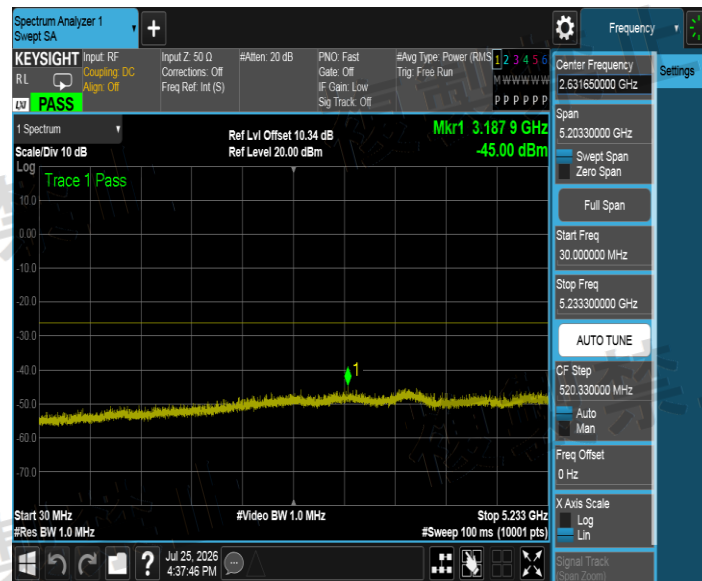
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NTNV_11N20SISO_Ant1_5260_5350~26000



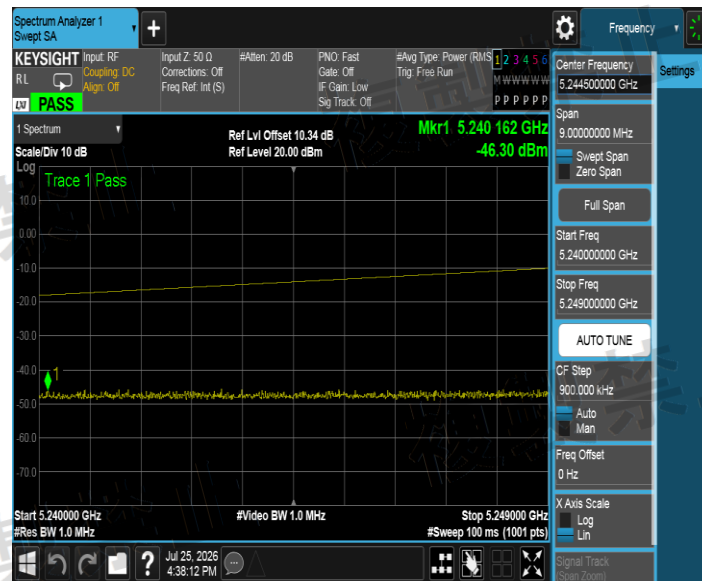
NTNV_11N20SISO_Ant1_5280_30~5233.3



NTNV_11N20SISO_Ant1_5280_5233.3~5240



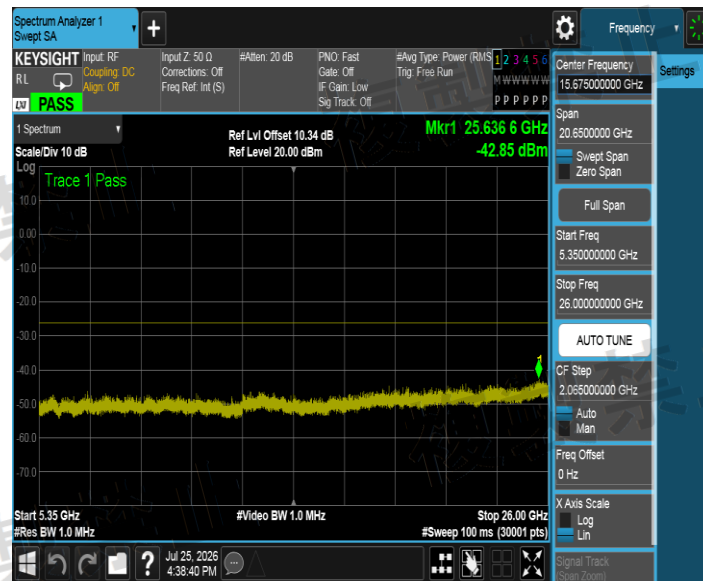
NTNV_11N20SISO_Ant1_5280_5240~5249



NTNV_11N20SISO_Ant1_5280_5249~5250



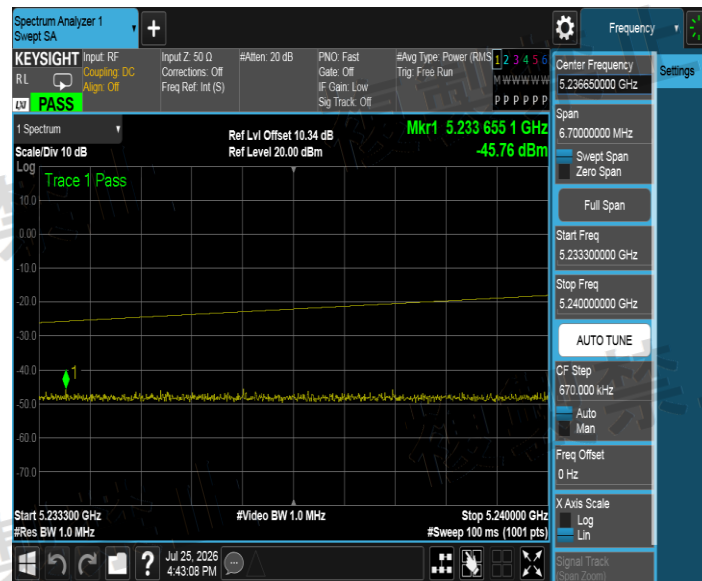
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NTNV_11N20SISO_Ant1_5320_30~5233.3



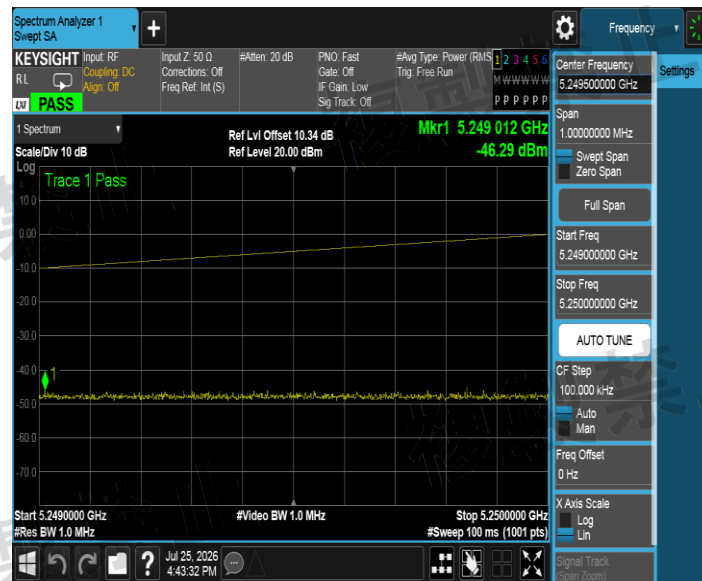
NTNV_11N20SISO_Ant1_5320_5233.3~5240



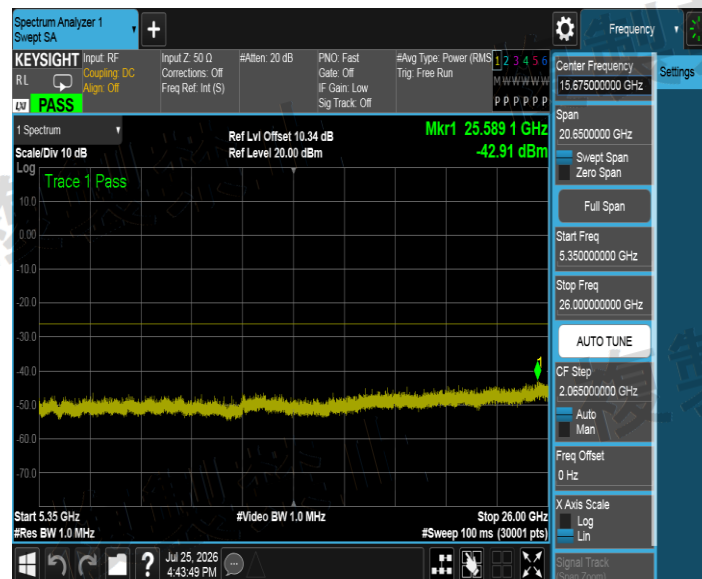
NTNV_11N20SISO_Ant1_5320_5240~5249



NTNV_11N20SISO_Ant1_5320_5249~5250



NTNV_11N20SISO_Ant1_5320_5350~26000



NTNV_11N20SISO_Ant1_5500_30~5460



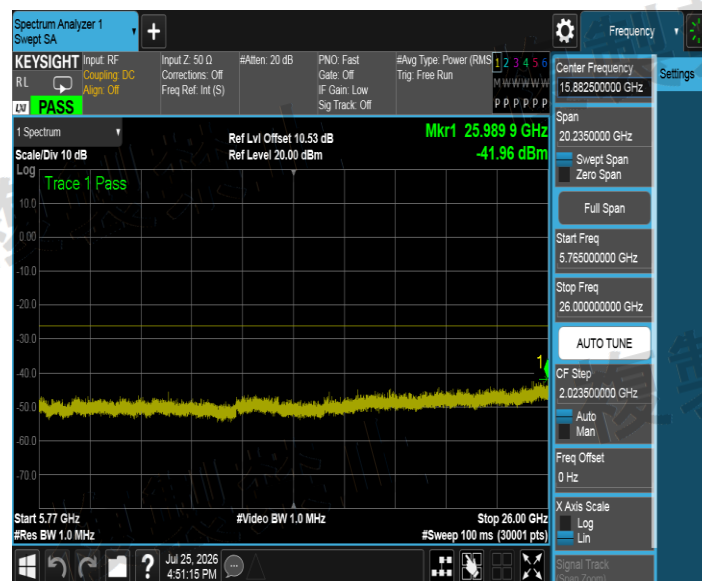
NTNV_11N20SISO_Ant1_5500_5460~5470



NTNV_11N20SISO_Ant1_5500_5745~5765



NTNV_11N20SISO_Ant1_5500_5765~26000



NTNV_11N20SISO_Ant1_5600_30~5460



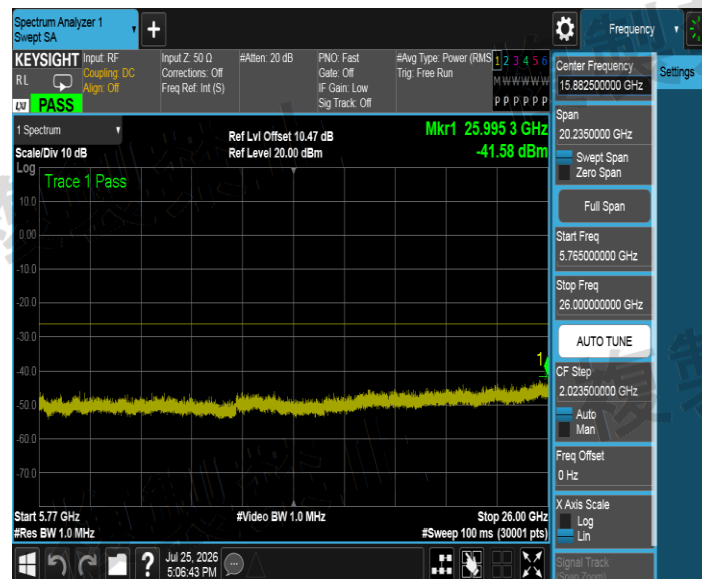
NTNV_11N20SISO_Ant1_5600_5460~5470



NTNV_11N20SISO_Ant1_5600_5745~5765



NTNV_11N20SISO_Ant1_5600_5765~26000



NTNV_11N20SISO_Ant1_5700_30~5460



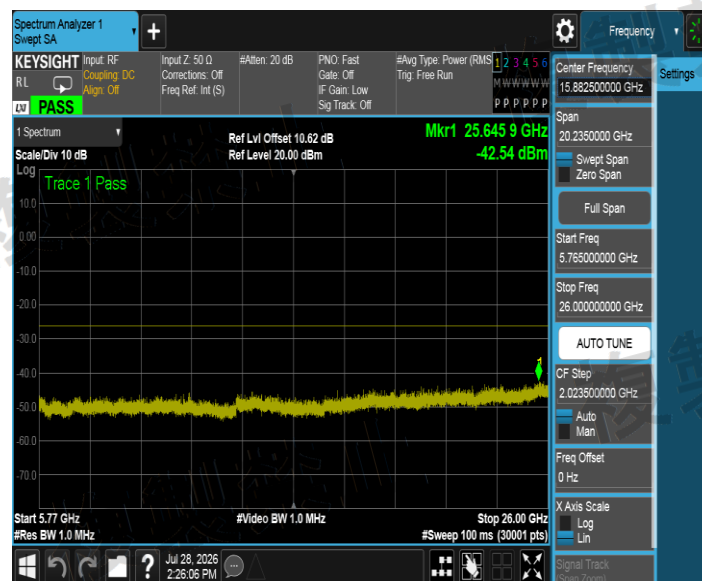
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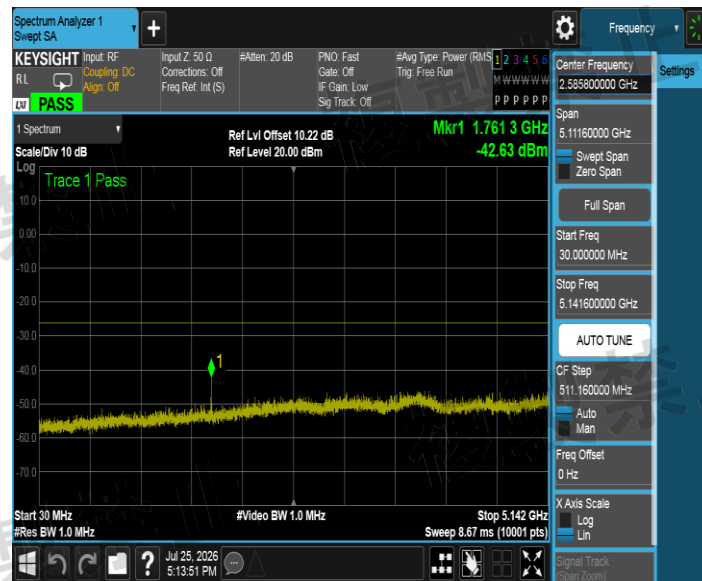
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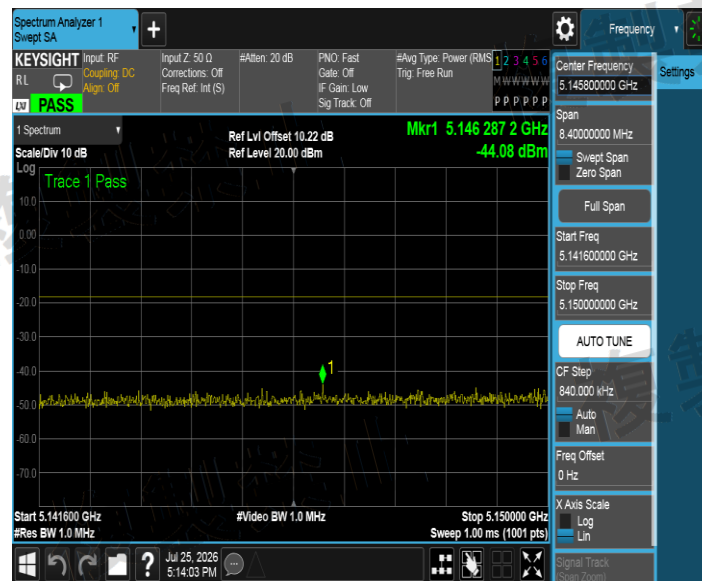
NTNV_11N20SISO_Ant1_5700_5765~26000



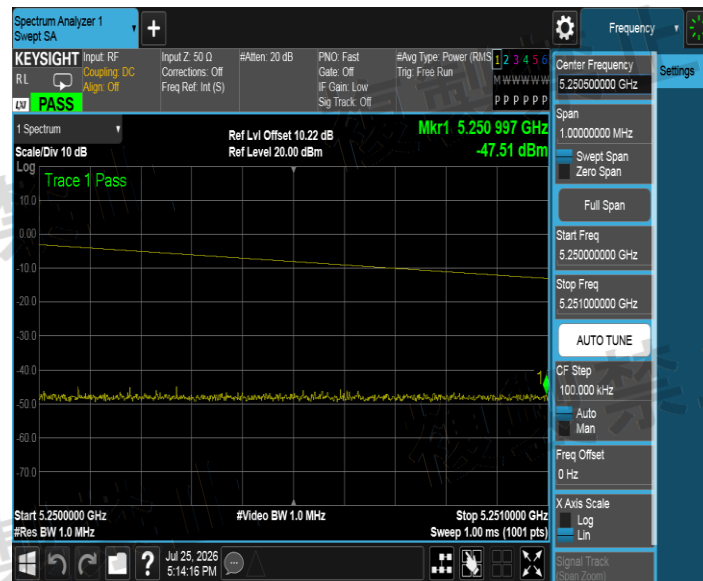
NTNV_11N40SISO_Ant1_5190_30~5141.6



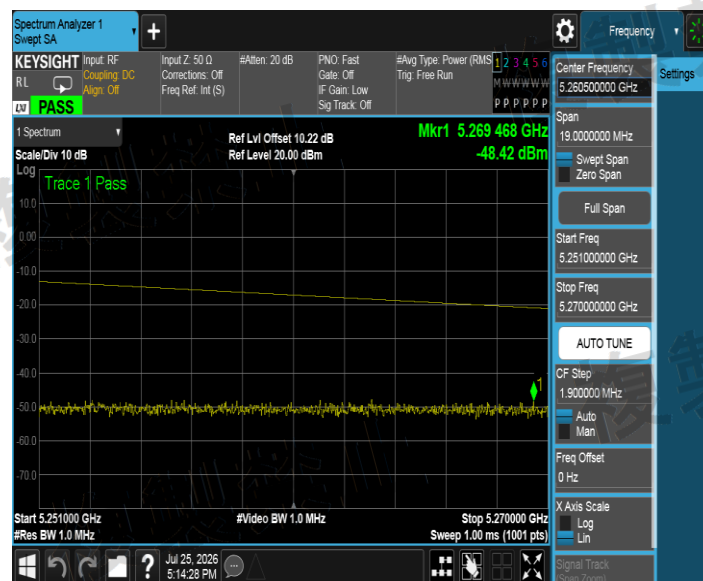
NTNV_11N40SISO_Ant1_5190_5141.6~5150



NTNV_11N40SISO_Ant1_5190_5250~5251



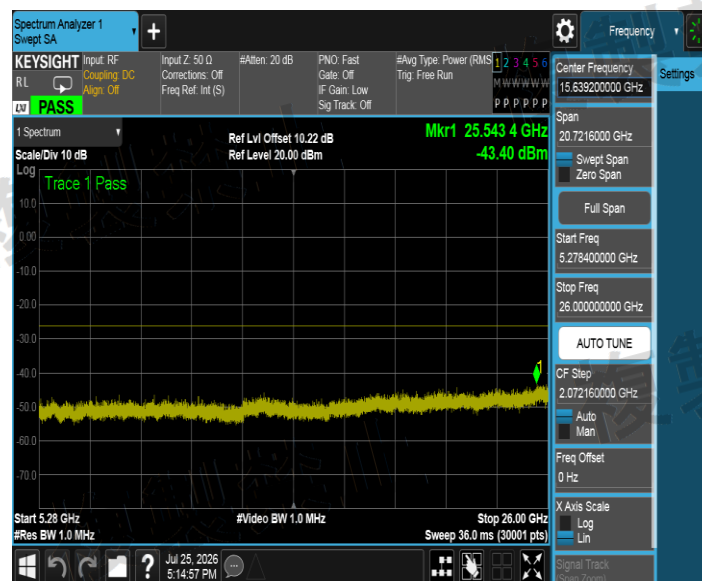
NTNV_11N40SISO_Ant1_5190_5251~5270



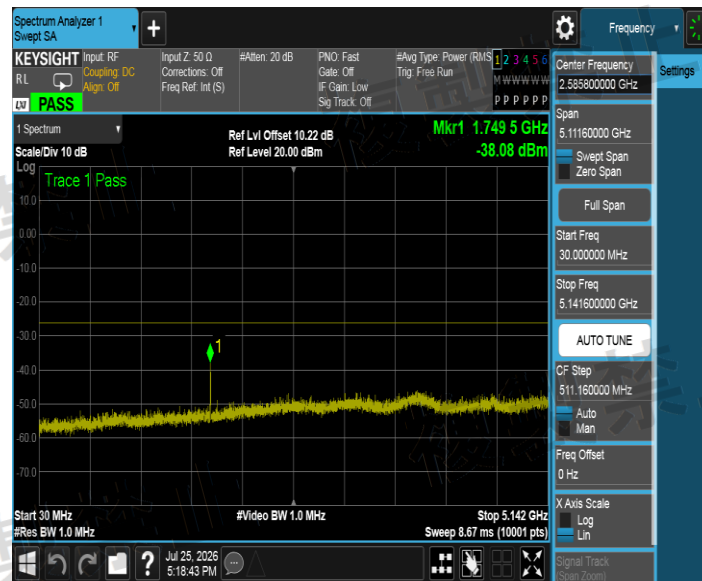
NTNV_11N40SISO_Ant1_5190_5270~5278.4



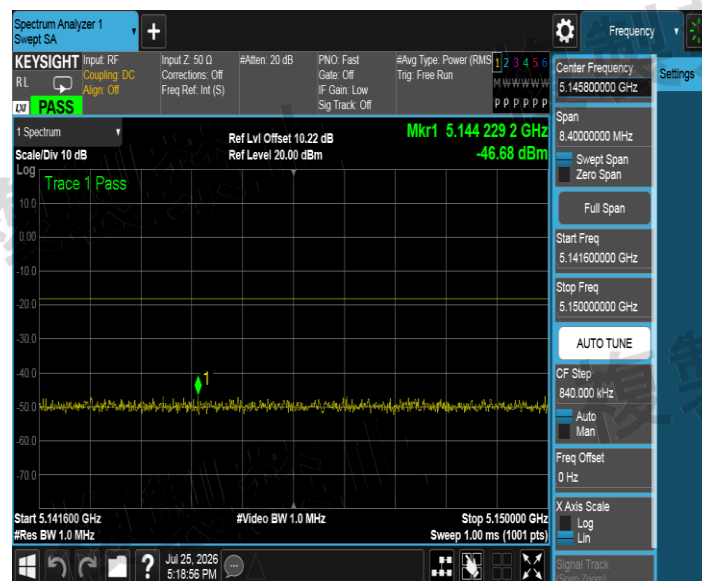
NTNV_11N40SISO_Ant1_5190_5278.4~26000



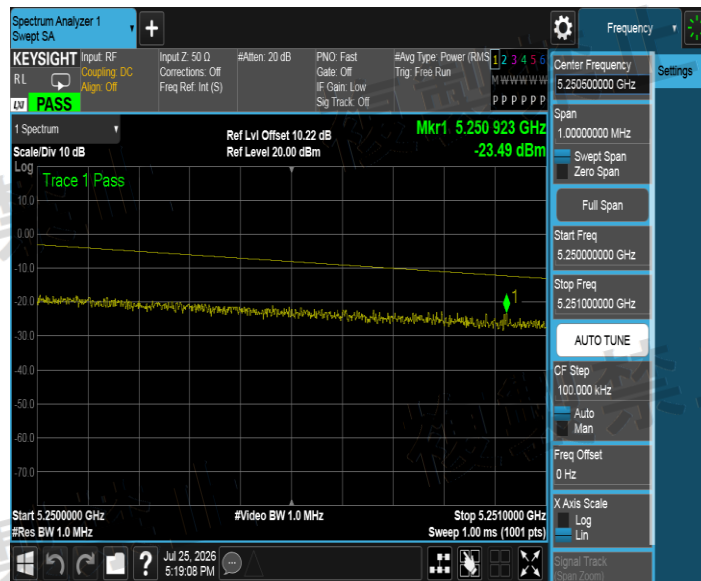
NTNV_11N40SISO_Ant1_5230_30~5141.6



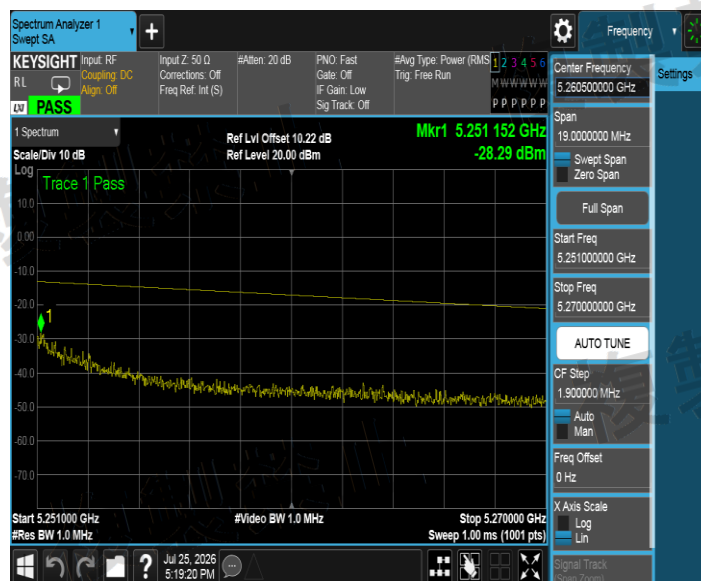
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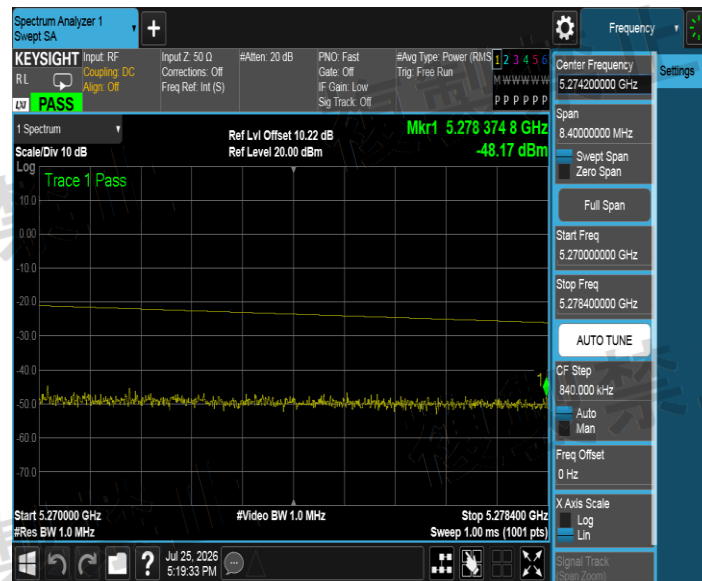
NTNV_11N40SISO_Ant1_5230_5250~5251



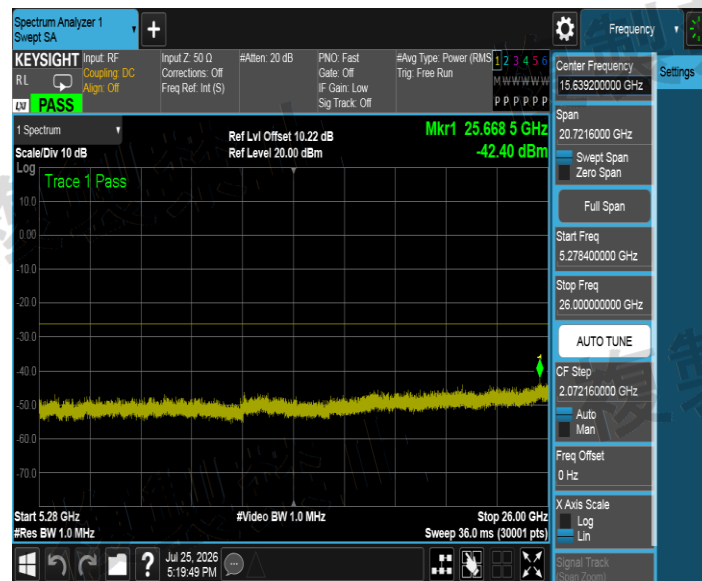
NTNV_11N40SISO_Ant1_5230_5251~5270



NTNV_11N40SISO_Ant1_5230_5270~5278.4



NTNV_11N40SISO_Ant1_5230_5278.4~26000



NTNV_11N40SISO_Ant1_5270_30~5221.6



NTNV_11N40SISO_Ant1_5270_5221.6~5230

