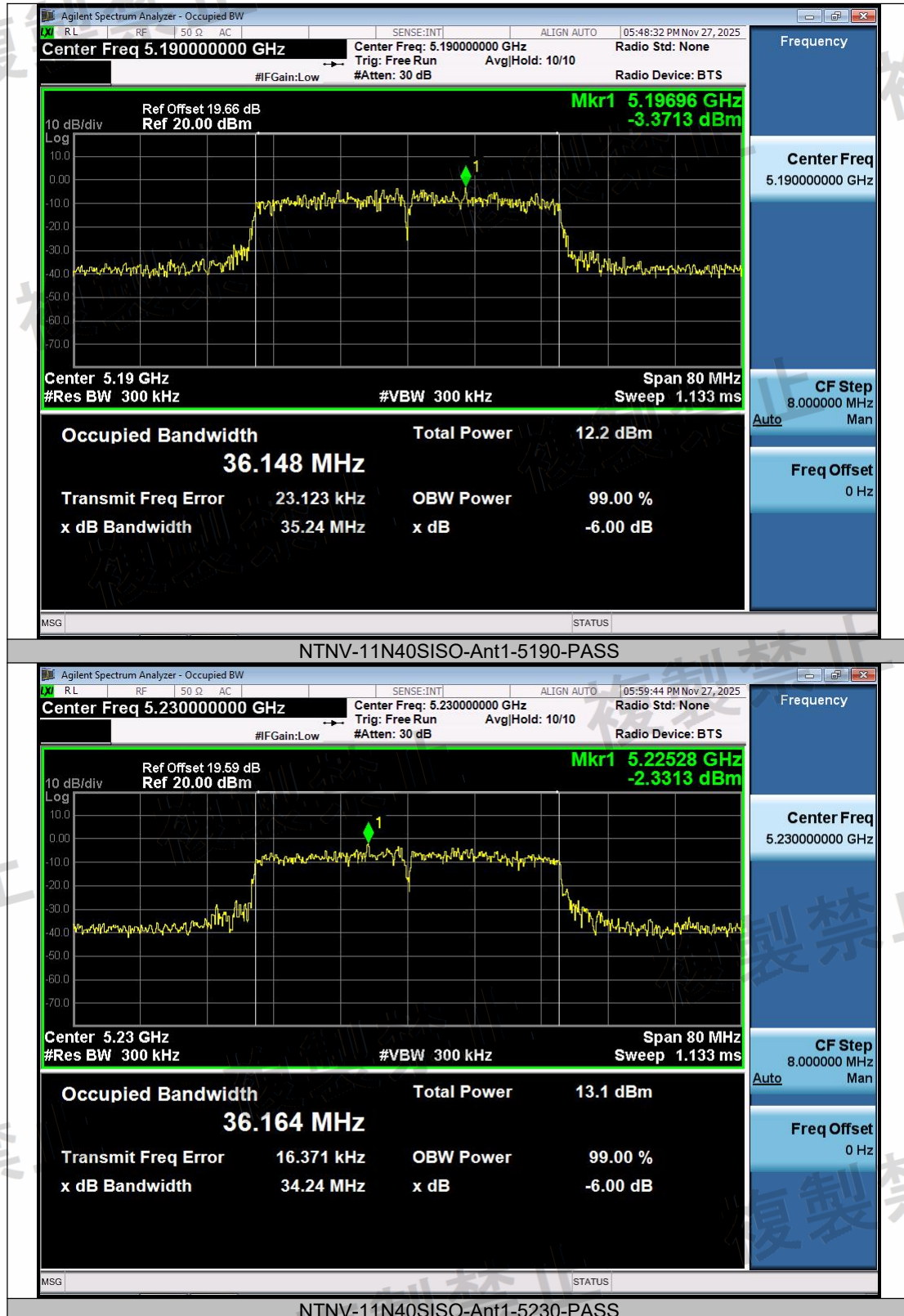
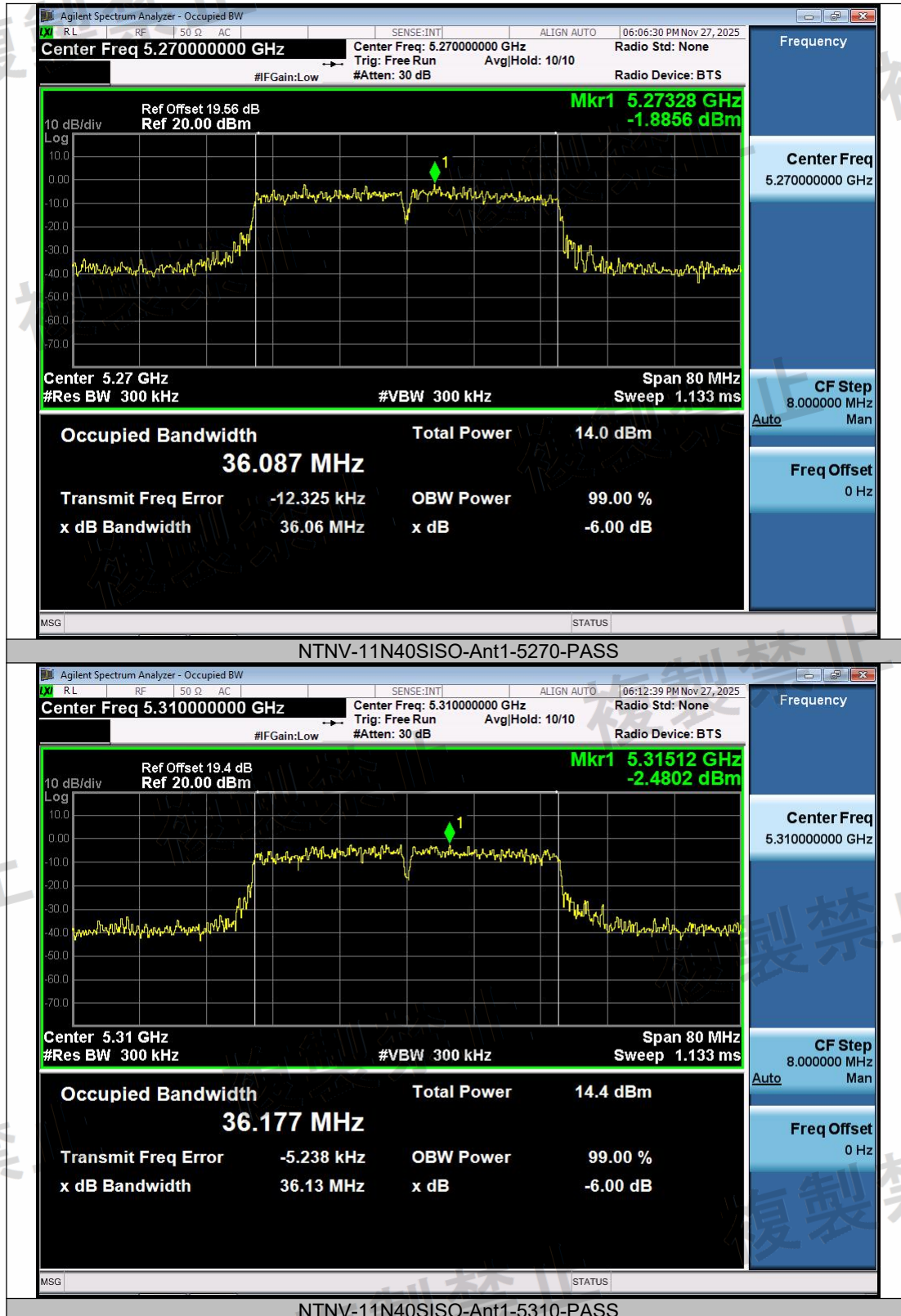
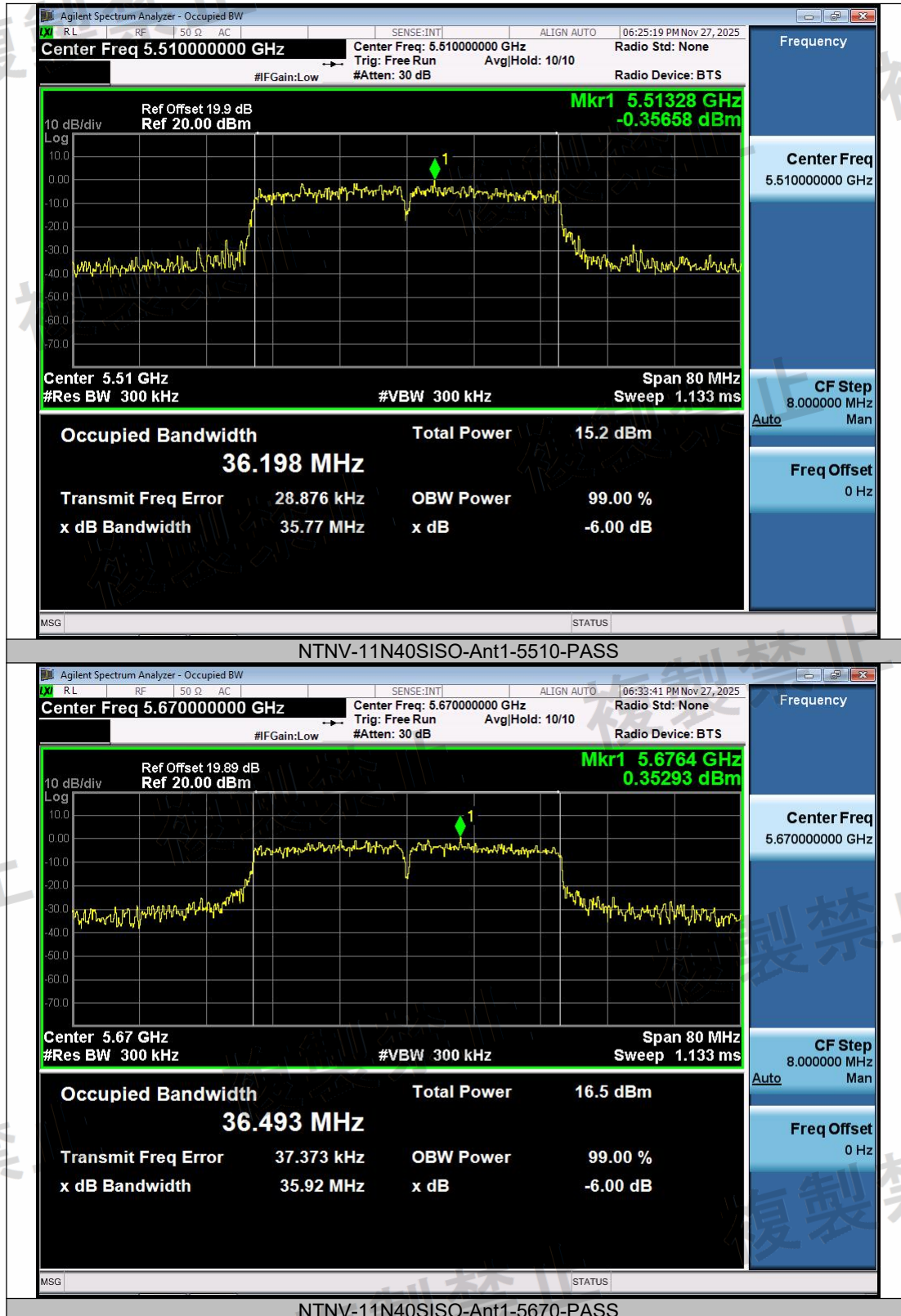
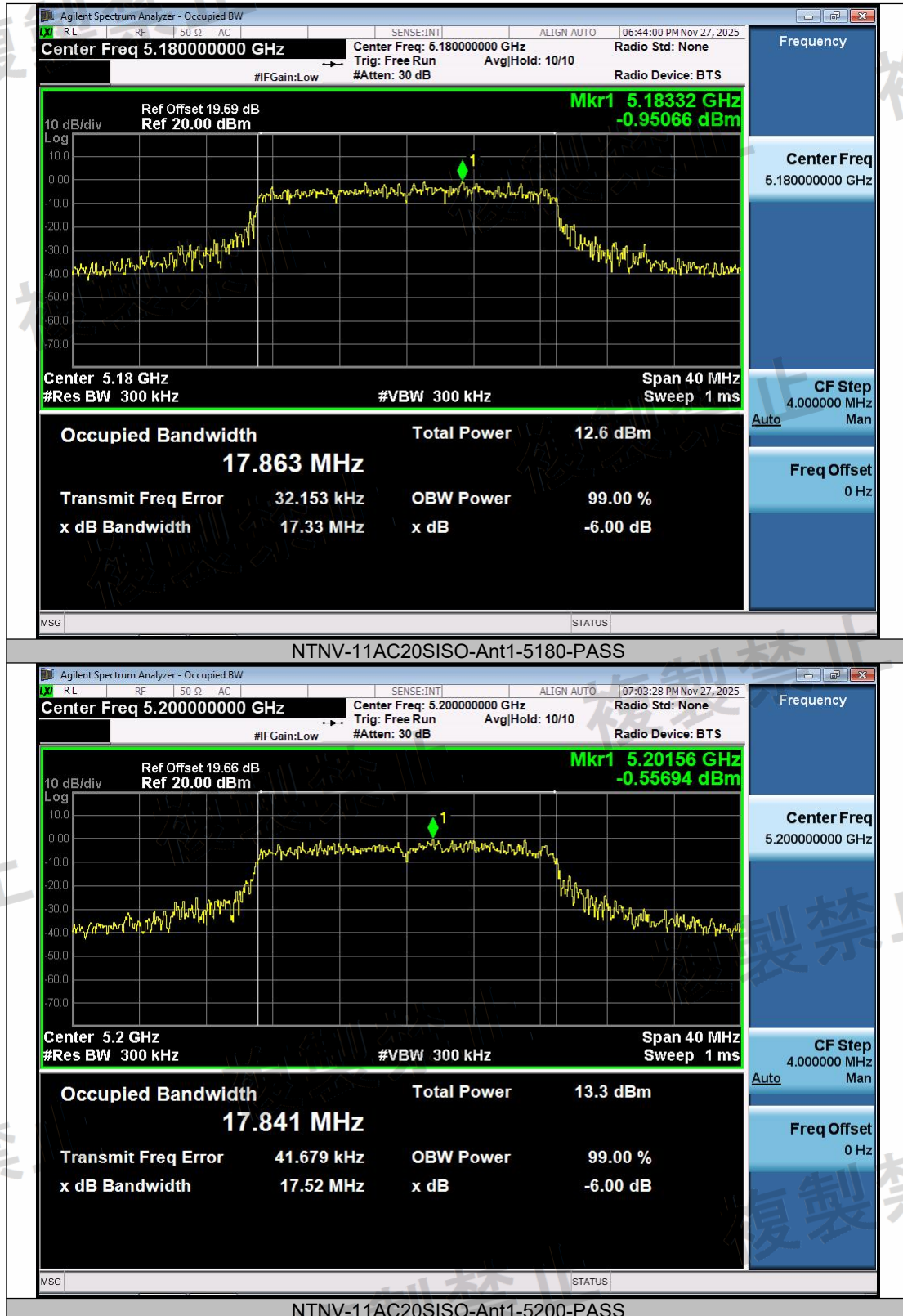
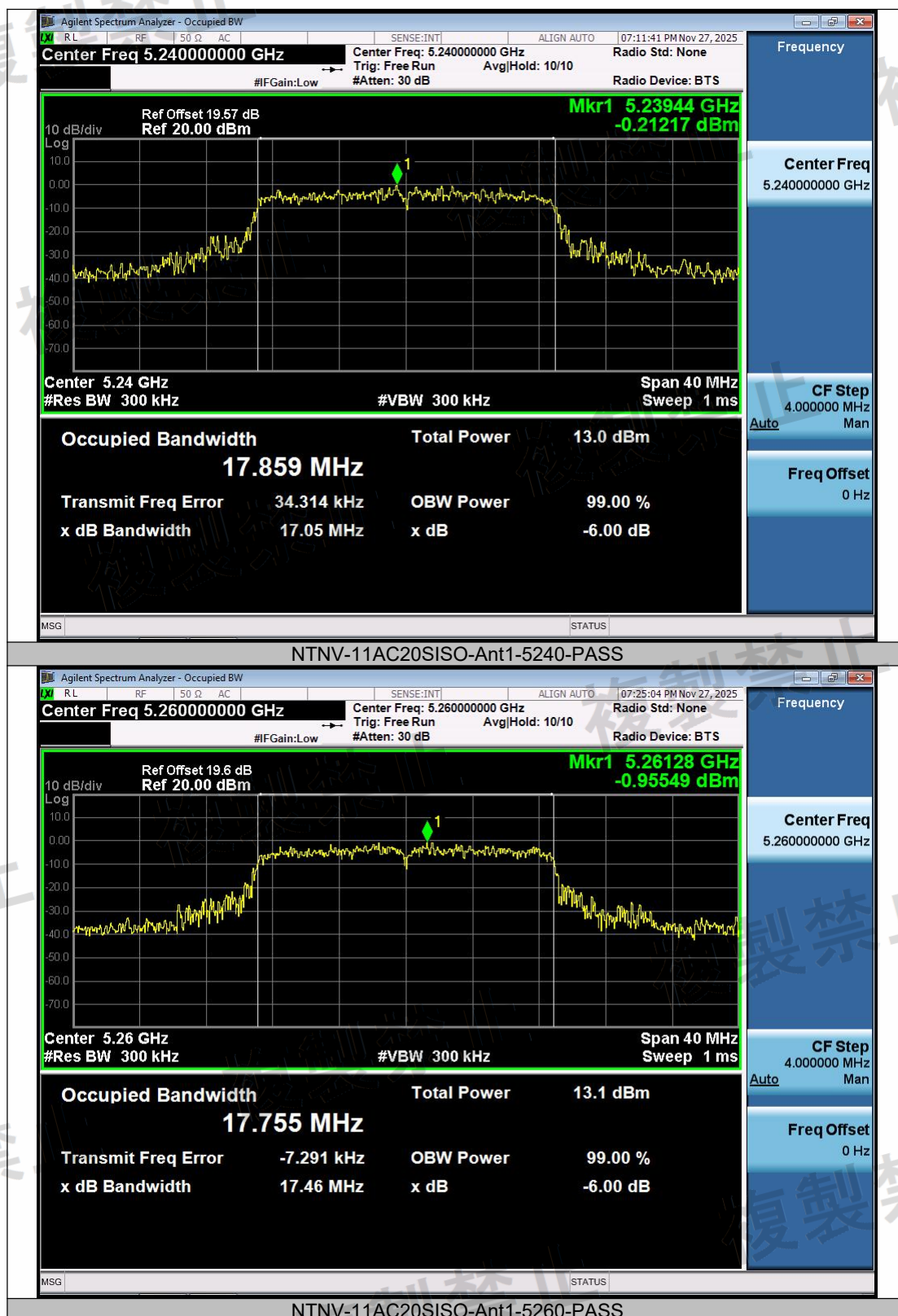


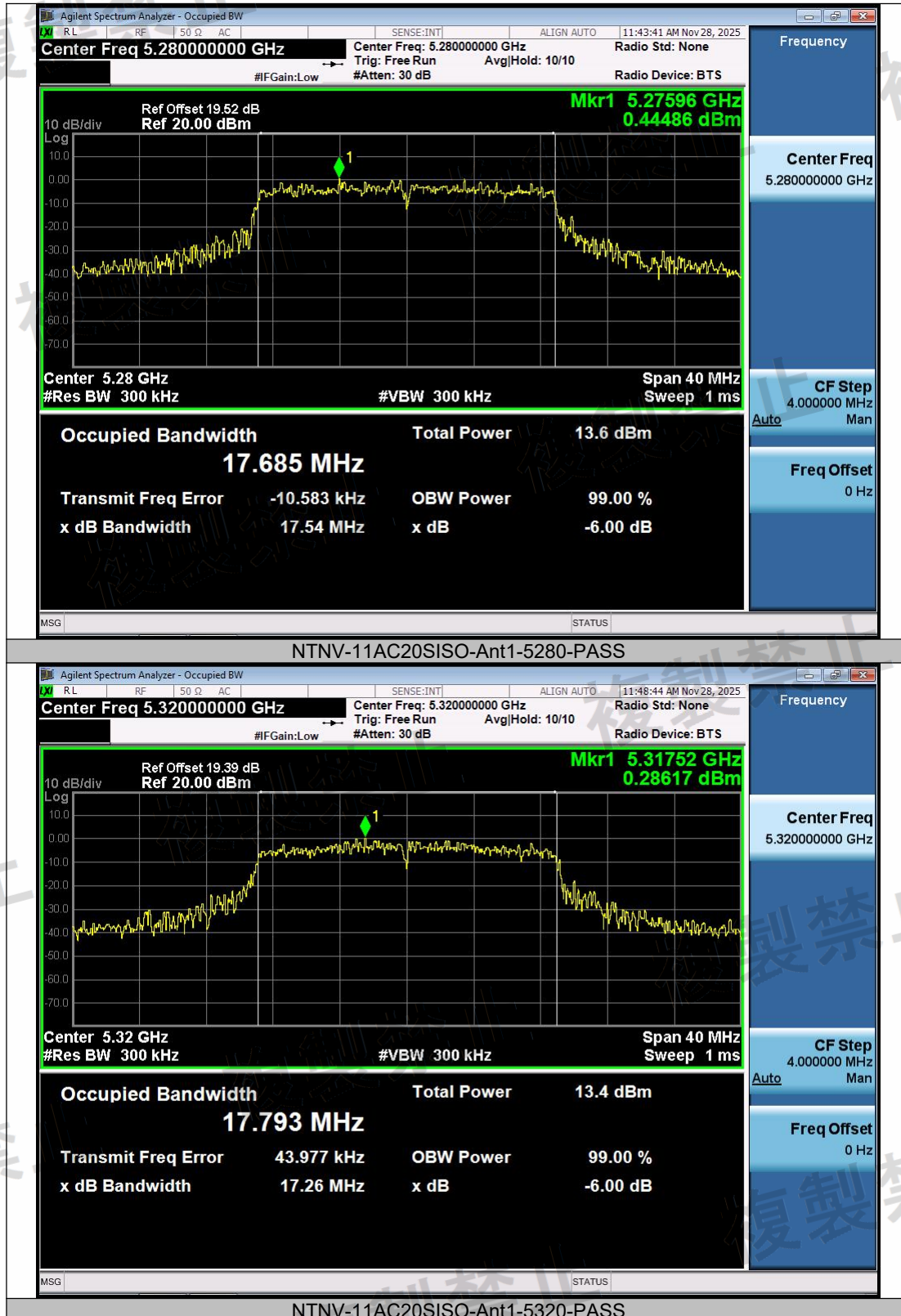


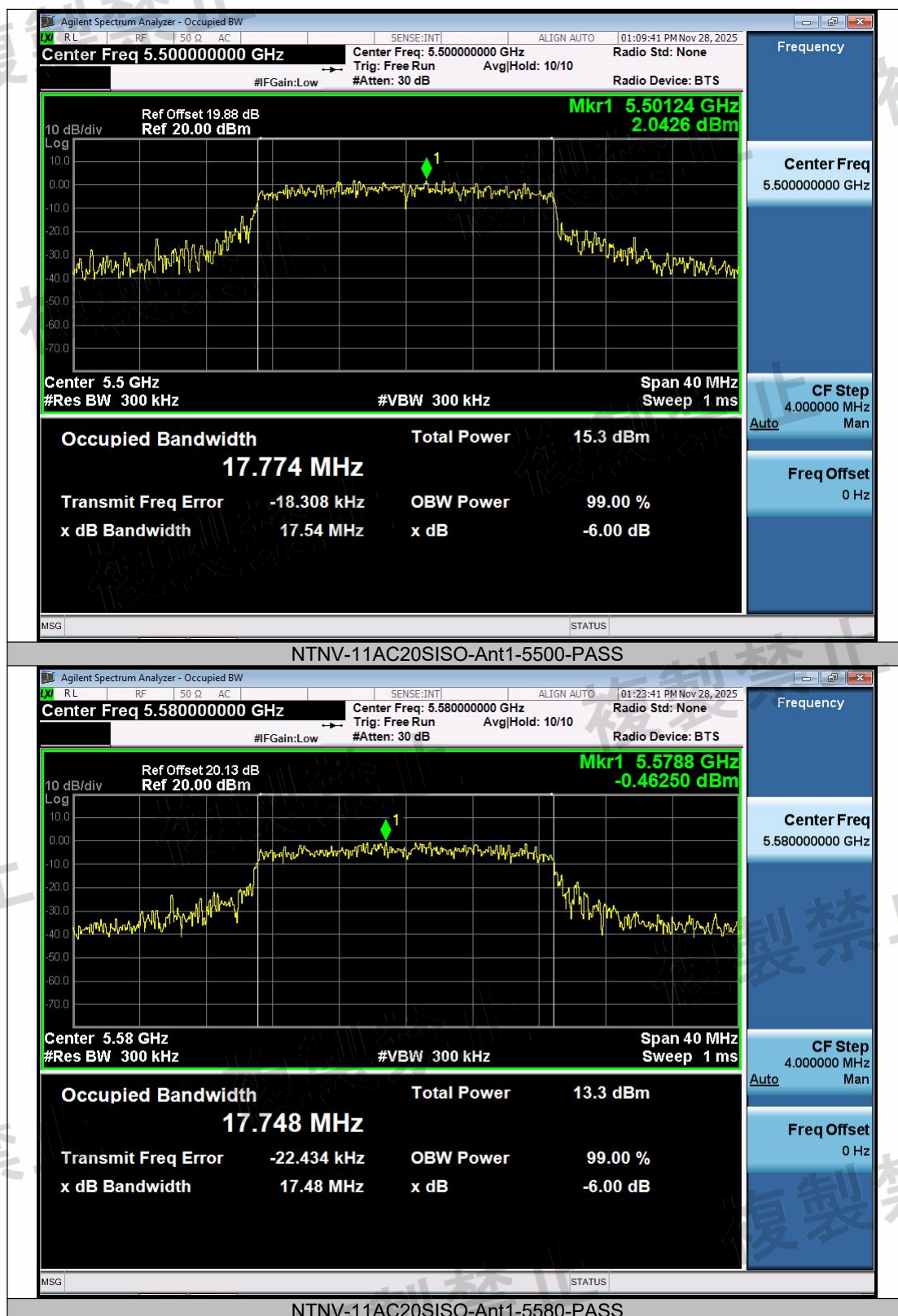


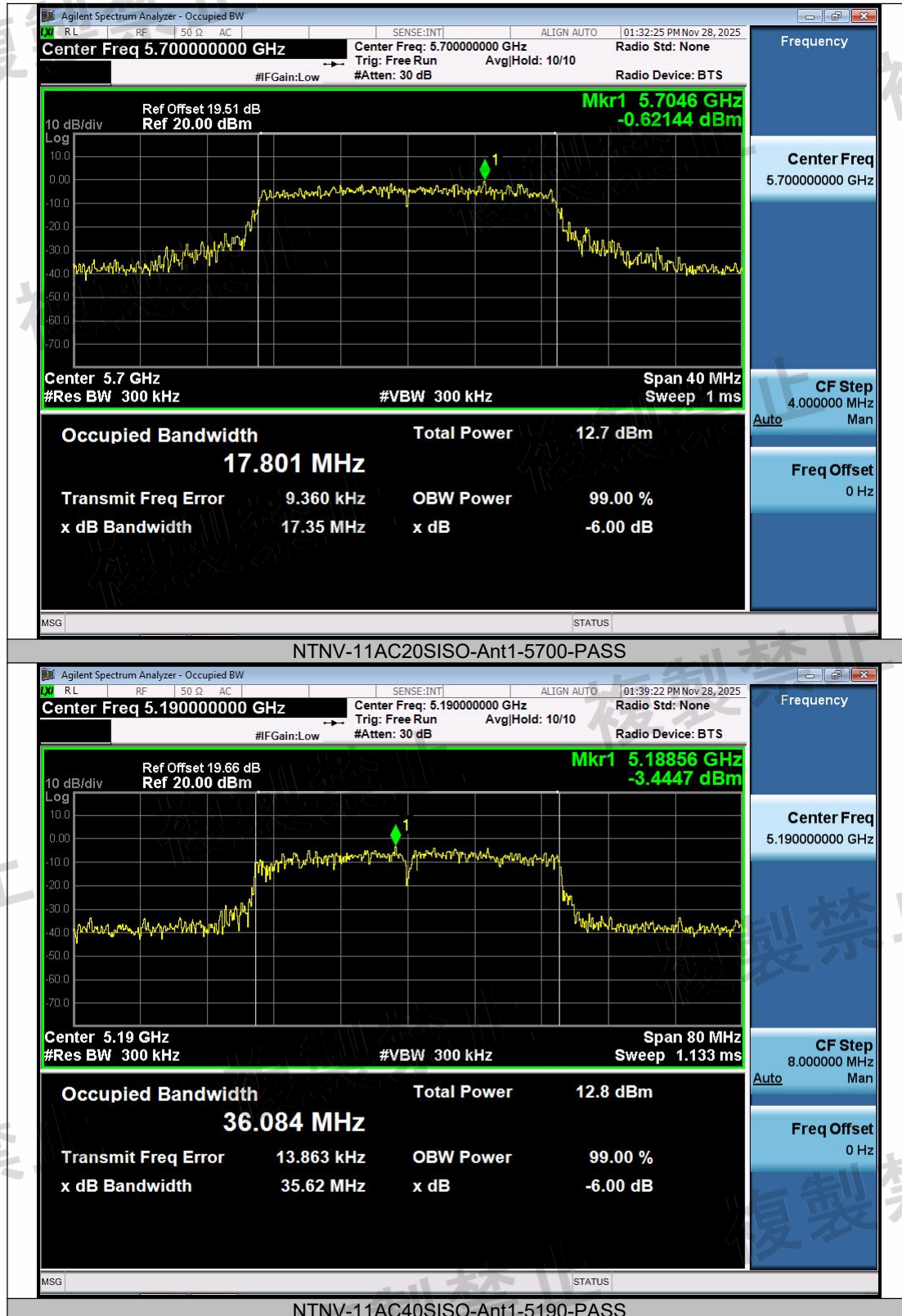


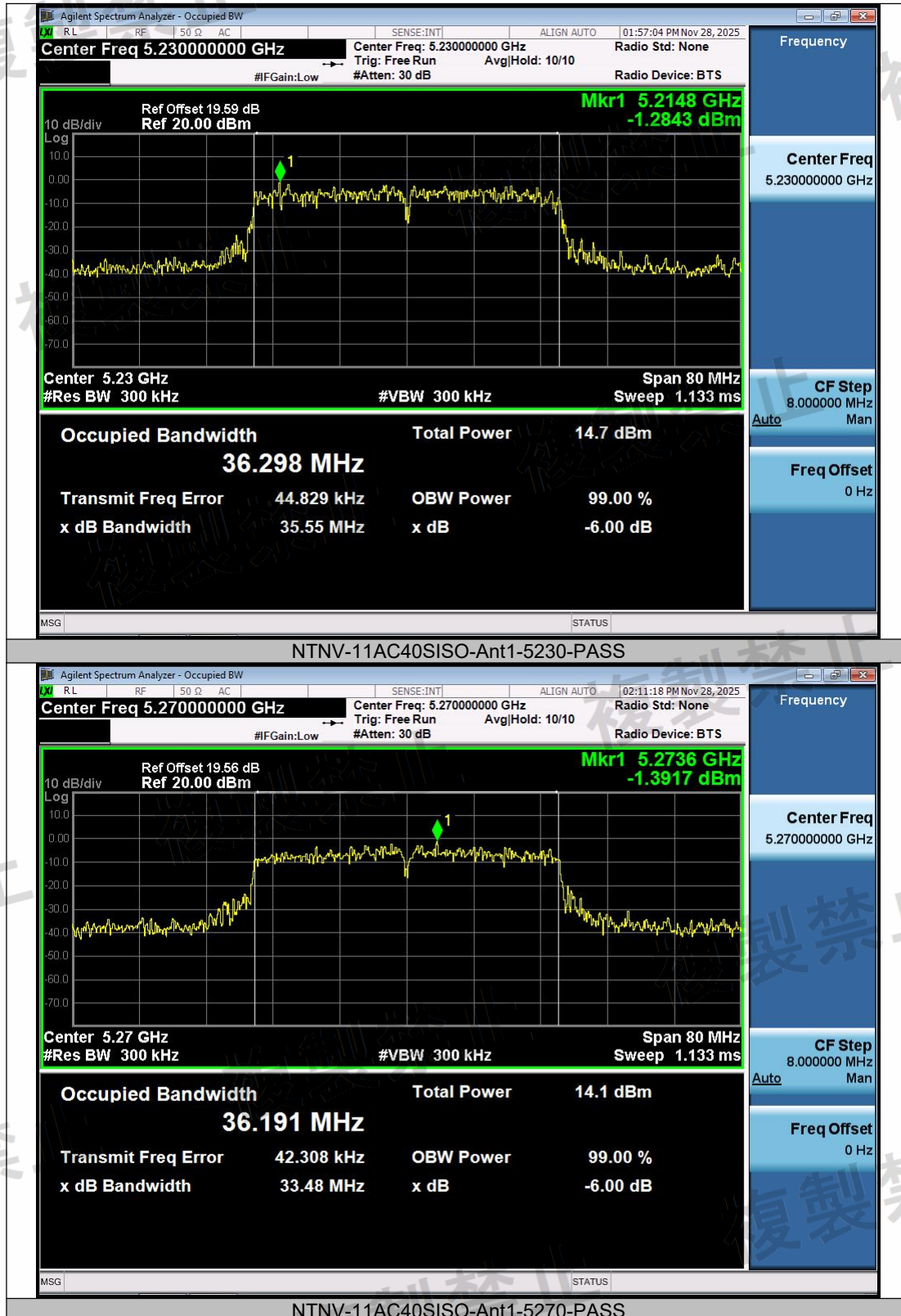


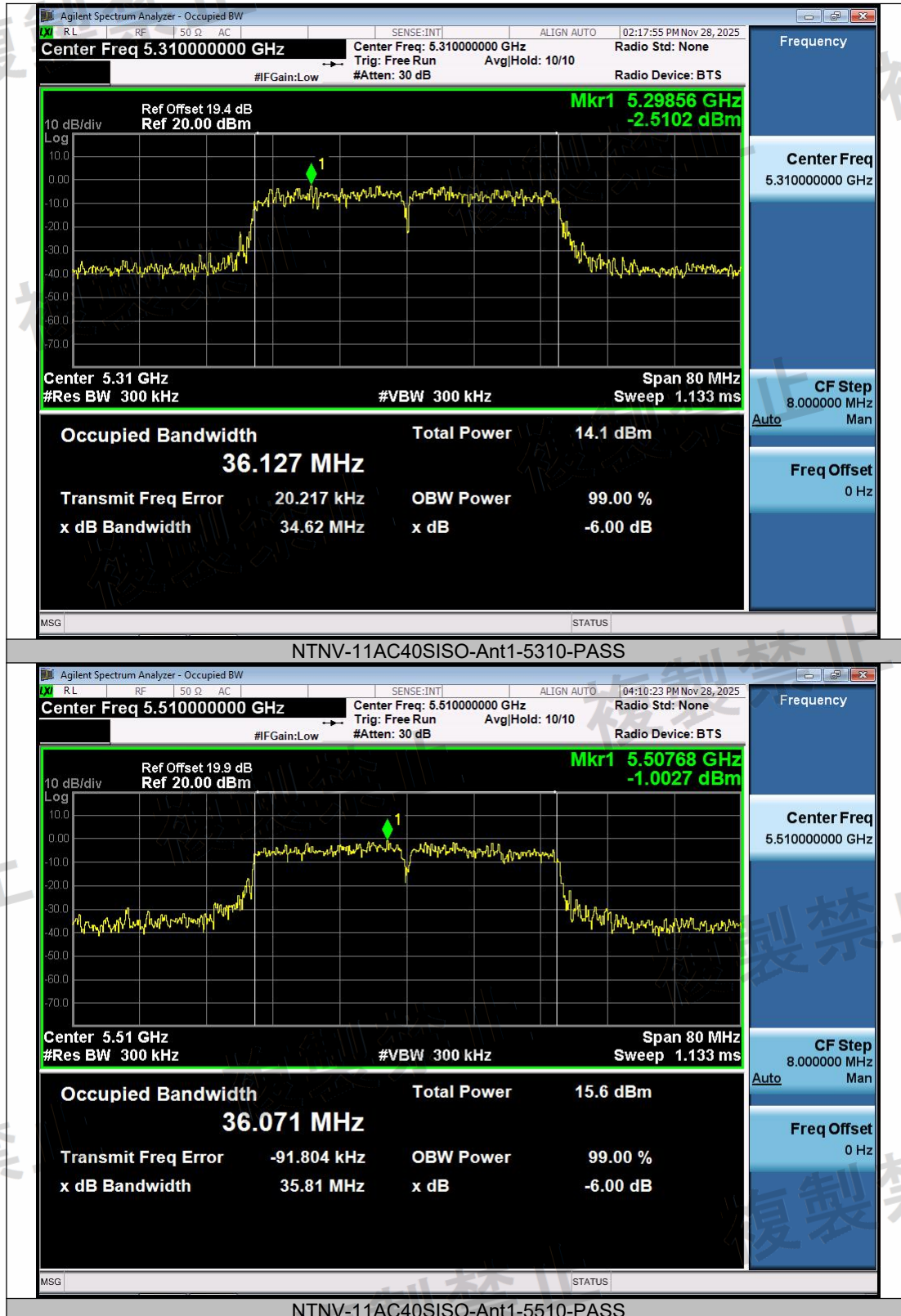


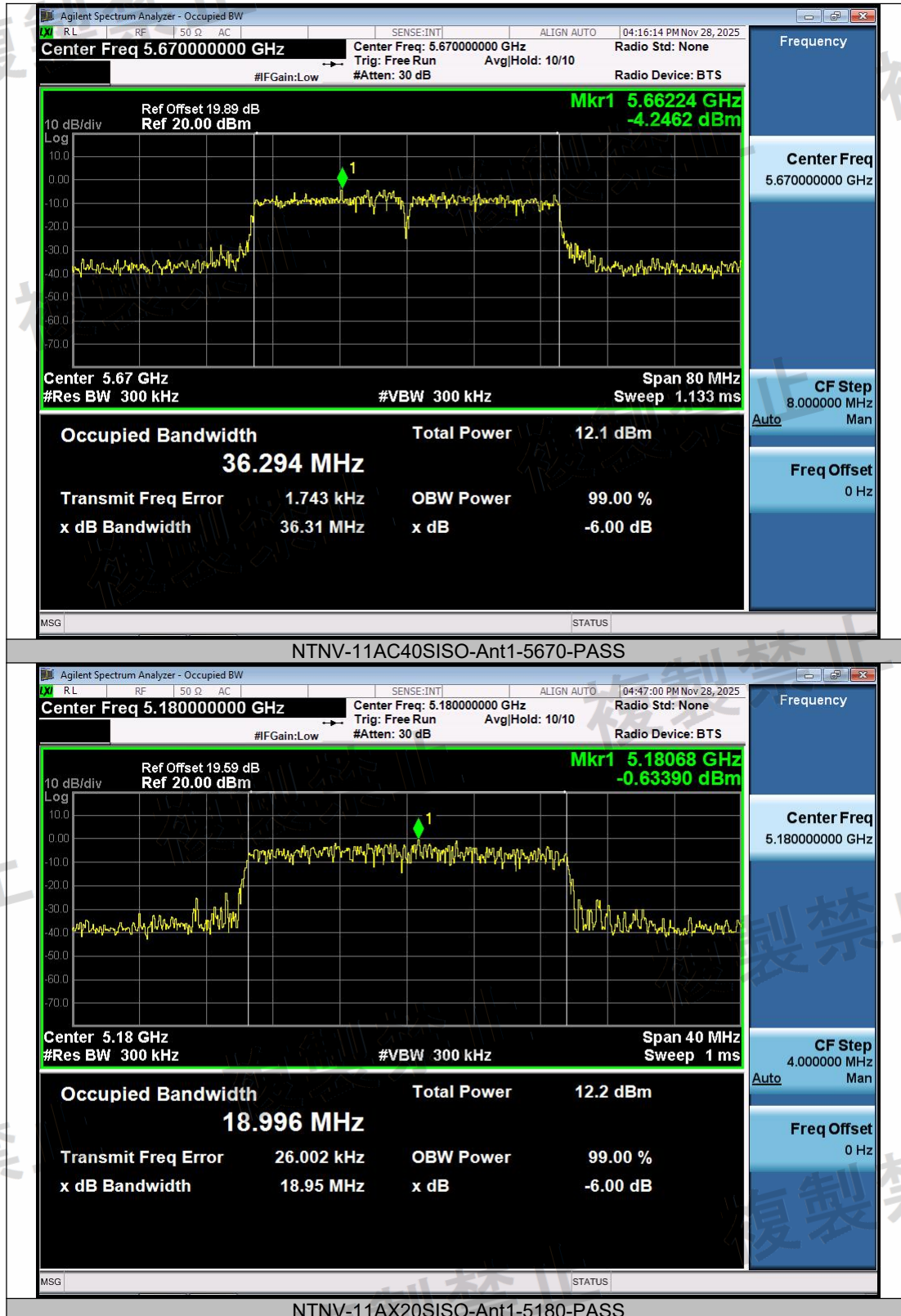


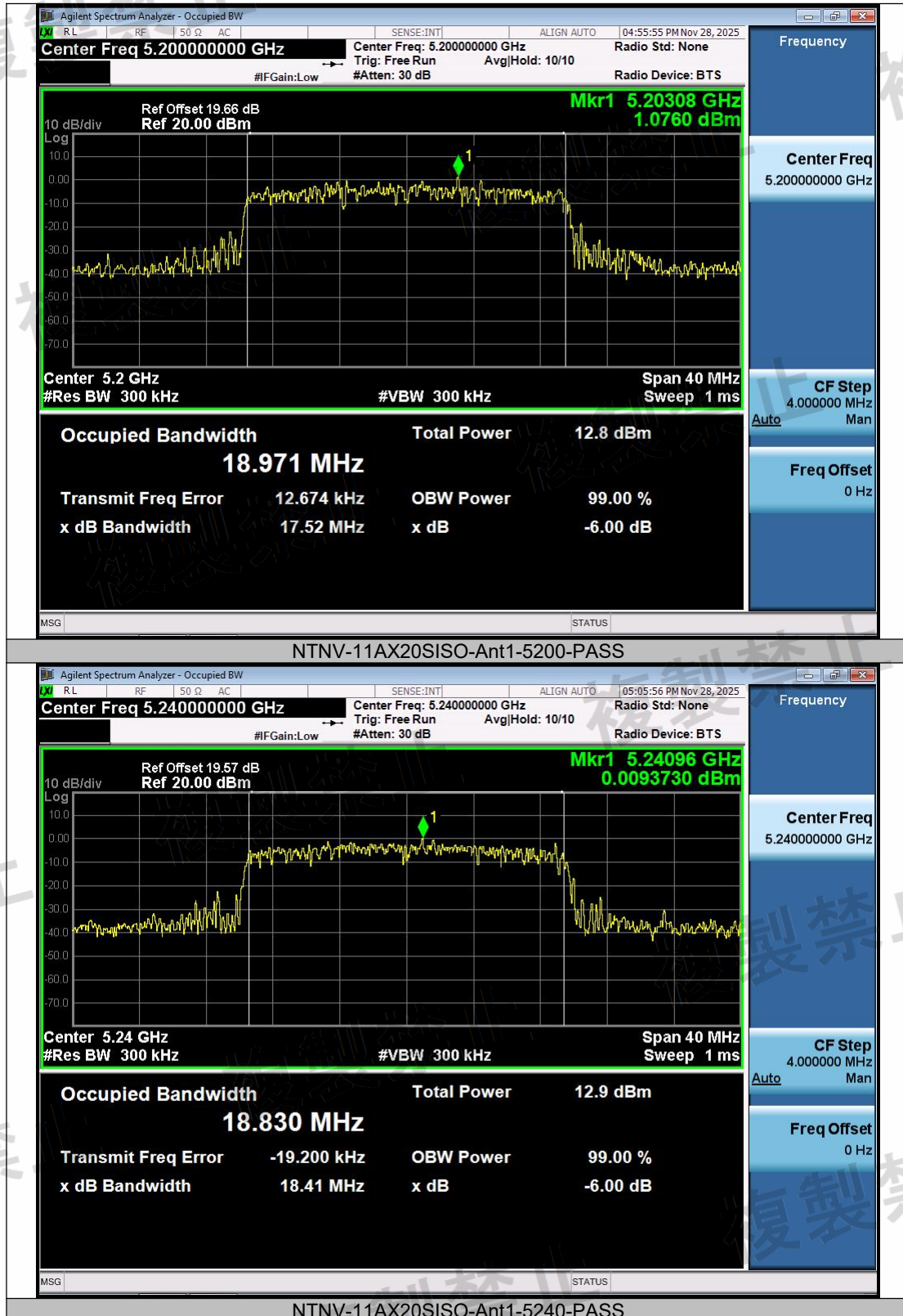


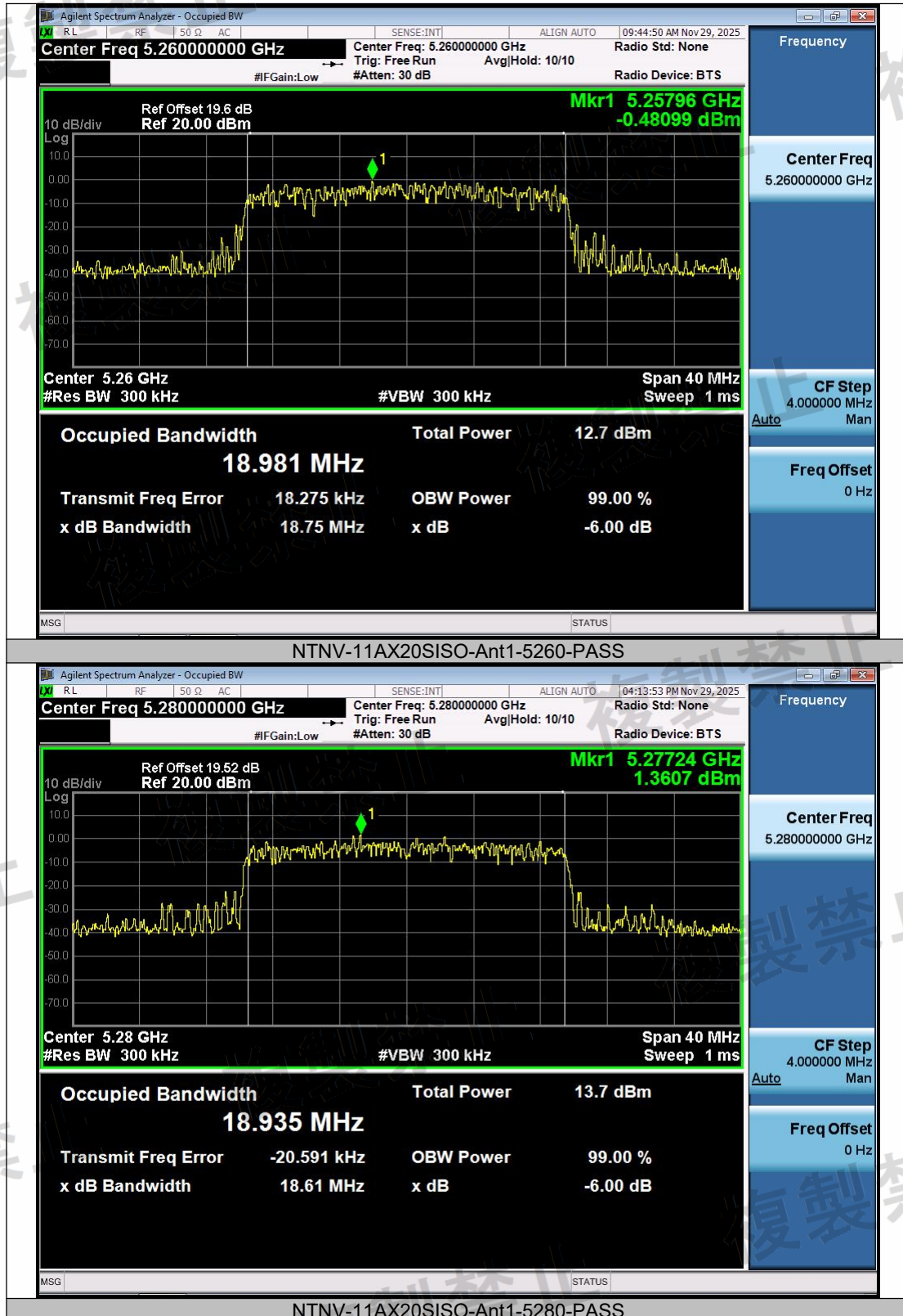


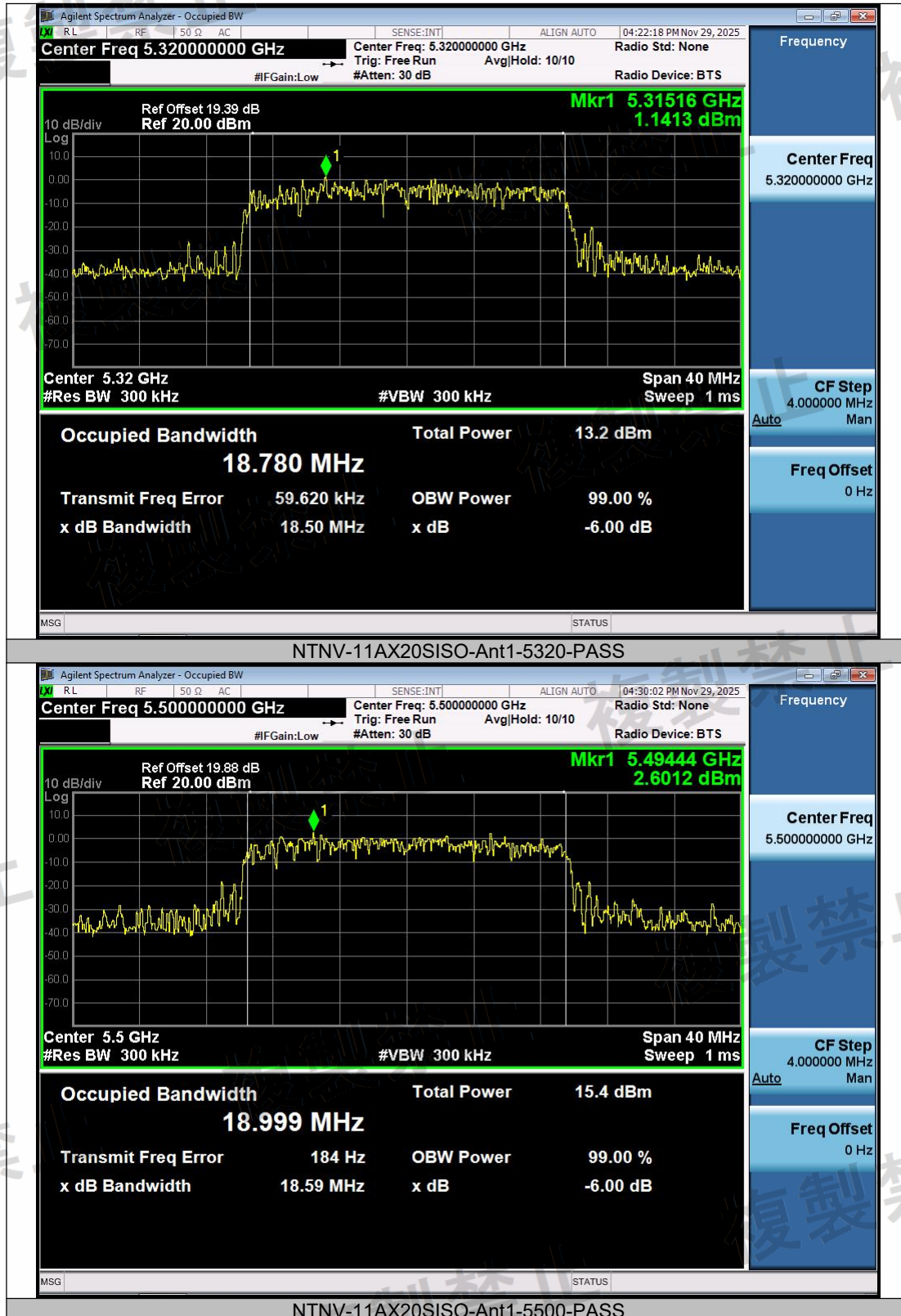


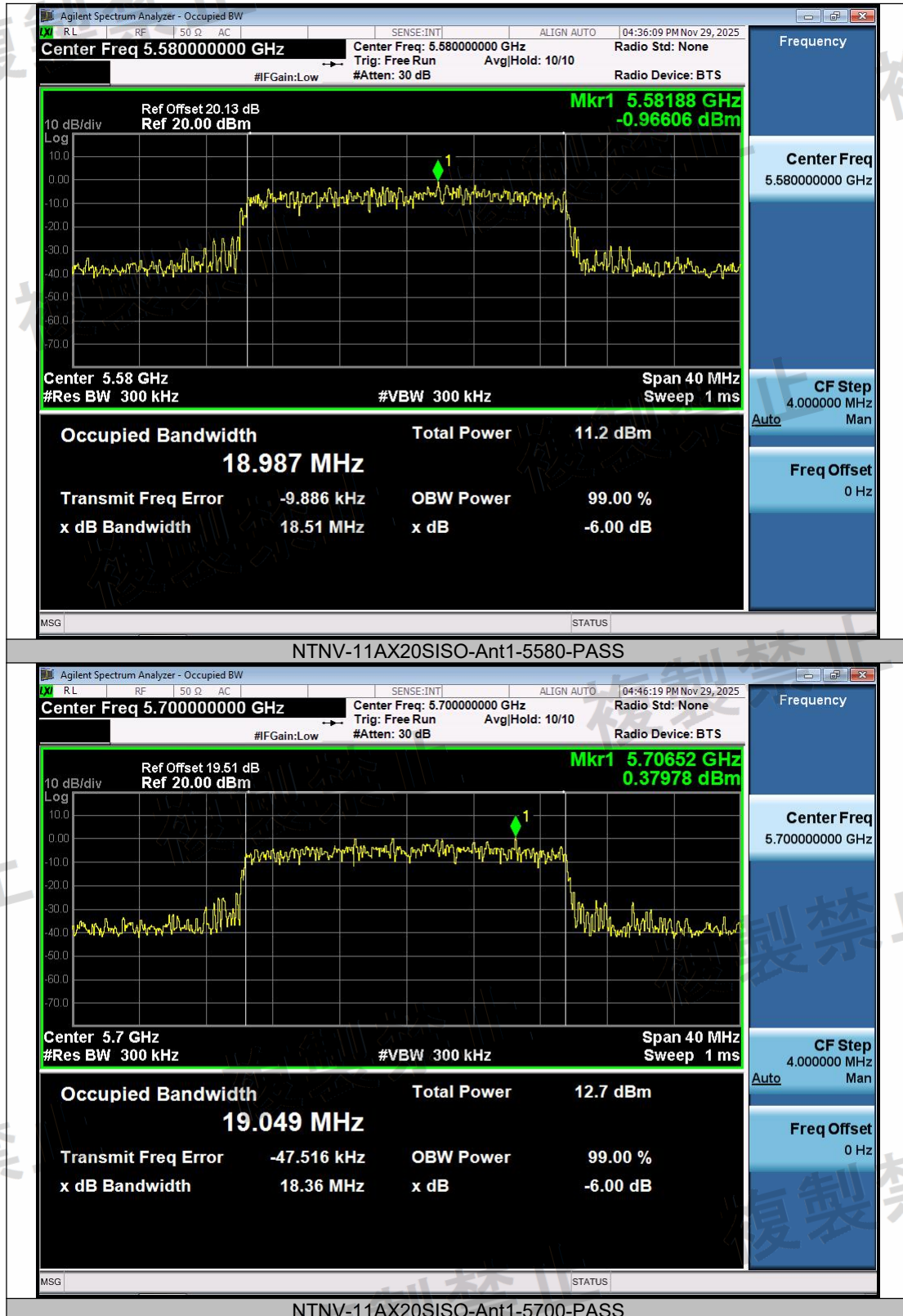


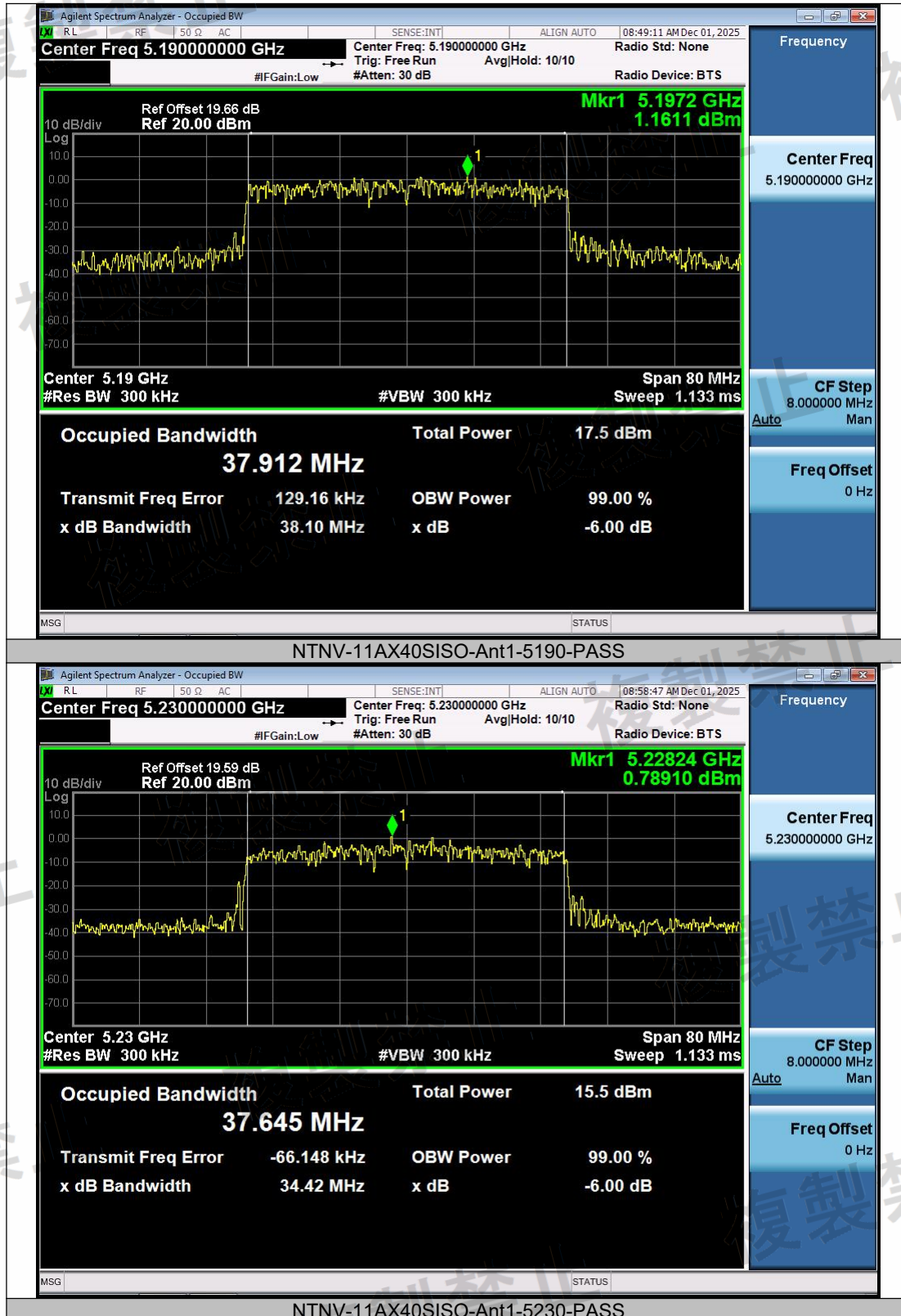


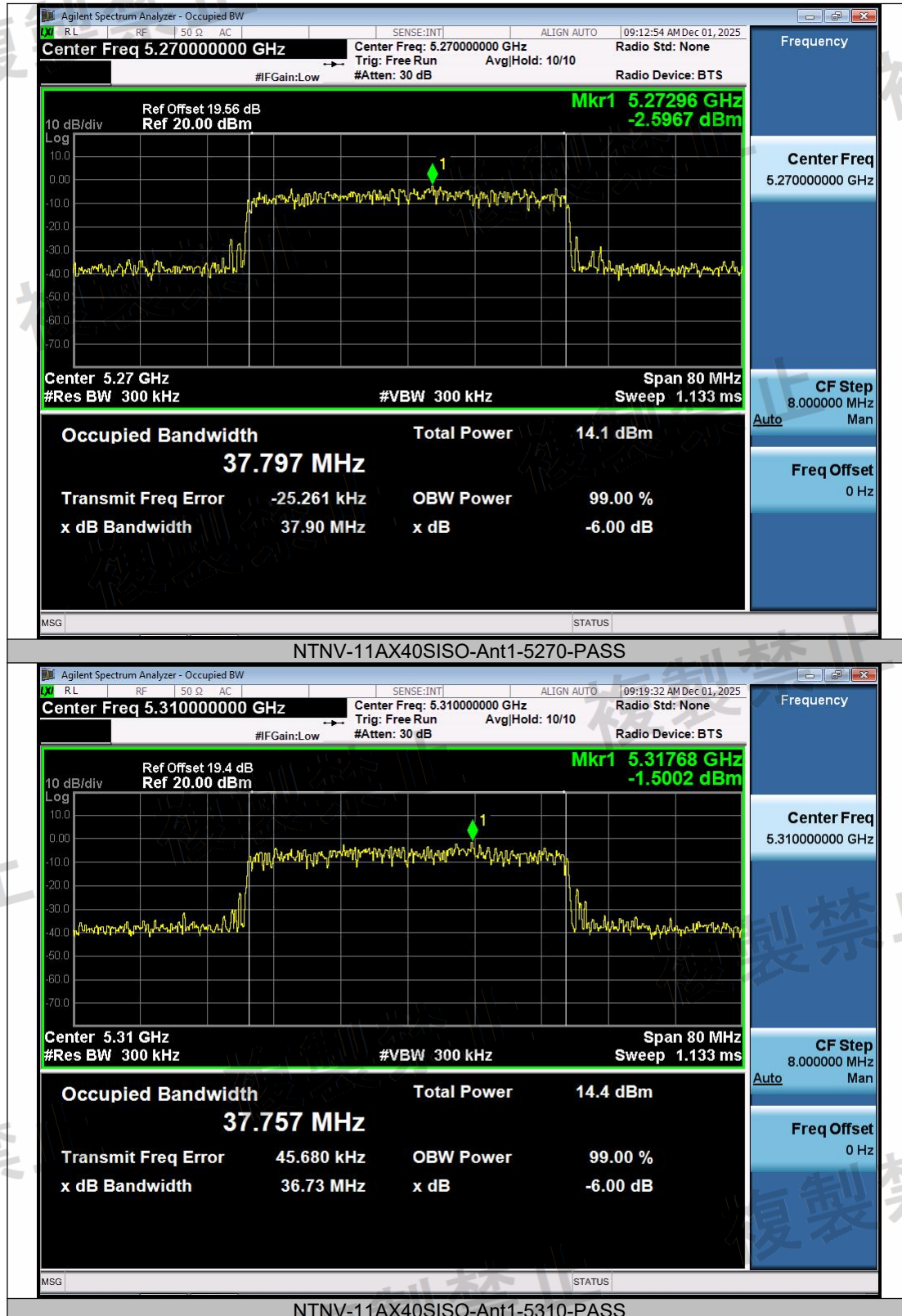


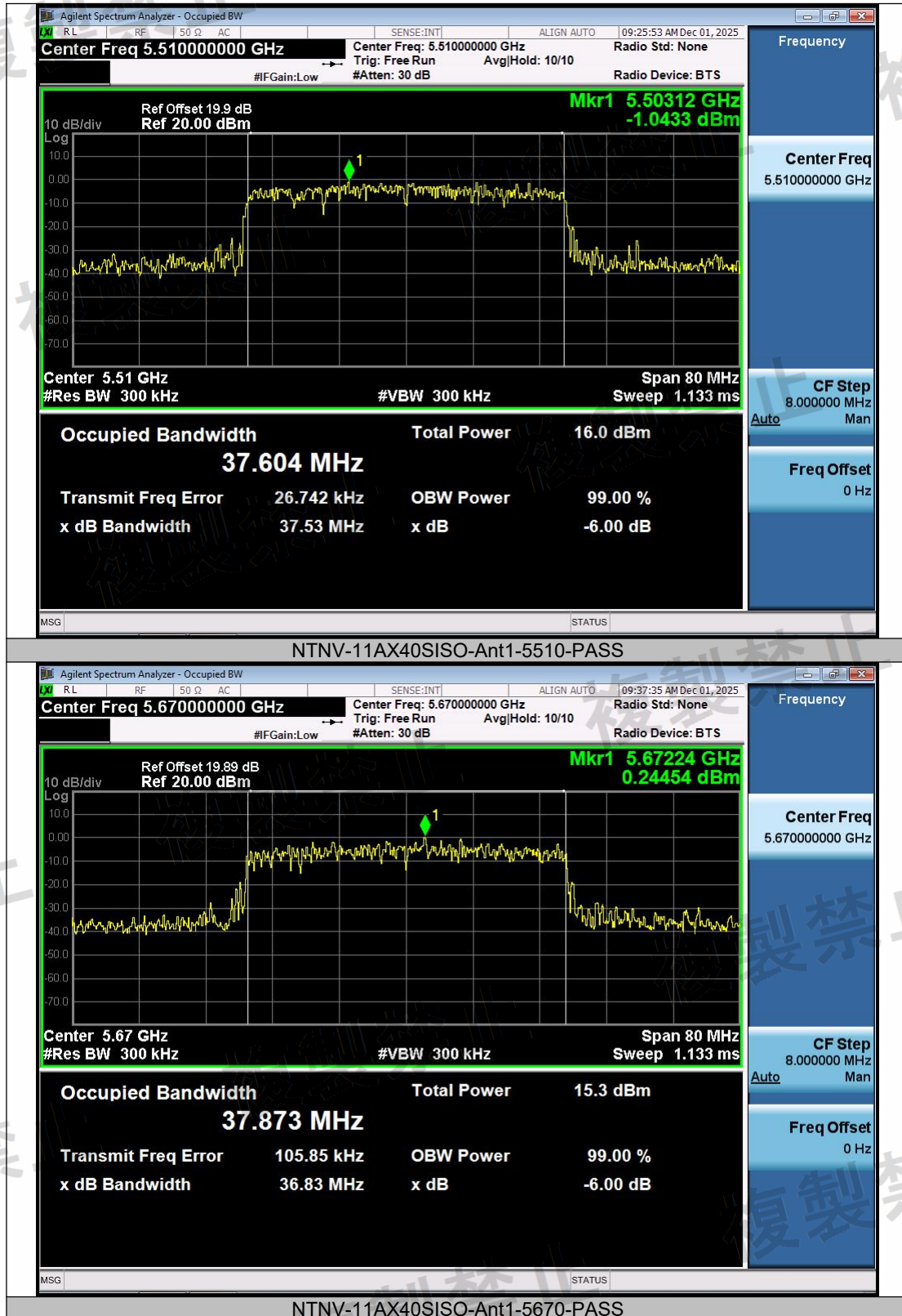












7.5. LEAK POWER OF ADJACENT CHANNELS

7.5.1. LIMIT

ARIB STD-T71, Clause 3.1.2 (9)

W52, W53 Band

below 18MHz bandwidth

In the frequency band of ± 9 MHz from the frequency of the carrier wave 20MHz and 40MHz away, The average power shall be respectively 25dB and 40dB lower than the carrier wave power.

between 18MHz to 19MHz bandwidth

In the frequency band of ± 9.5 MHz from the frequency of the carrier wave 20MHz and 40MHz away, The average power shall be respectively 25dB and 40dB lower than the carrier wave power.

approximately 40MHz bandwidth

In the frequency band of ± 19 MHz from the frequency of the carrier wave 40MHz and 80MHz away, The average power shall be respectively 25dB and 40dB lower than the carrier wave power.

approximately 80MHz bandwidth

In the frequency band of ± 39 MHz from the frequency of the carrier wave 80MHz away, The average power shall be respectively 25dB lower than the carrier wave power.

7.5.2. Test Procedure

Test Method for Radio Equipment mentioned in Certification Regulations Article 2, Item 19-3-2

MIC Notice No.88 Annex45 Clause 7

7.5.3. Test Configuration

Temperature and Voltage Measurement (under normal and extreme test conditions)



Remarks:

The spectrum analyzer could be connected to a monopole antenna or directly connected to the EUT, if the EUT has already employing an antenna connector.

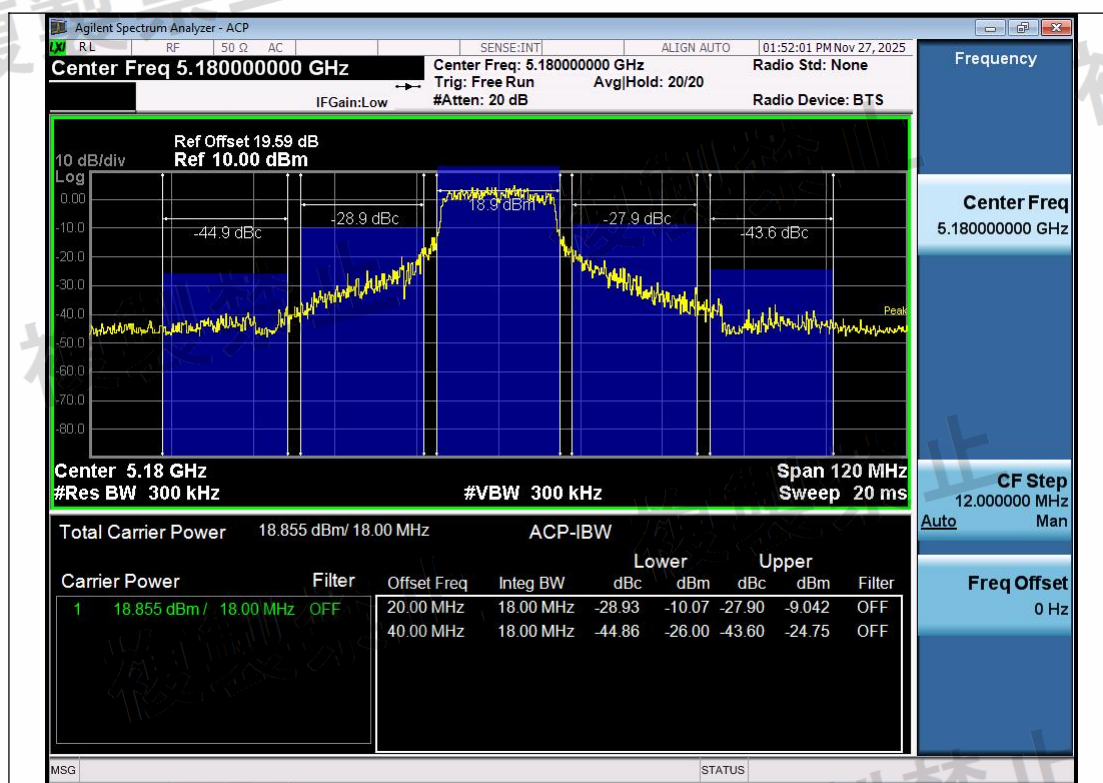
7.5.4. TEST RESULT

TestCondition	TestMode	Antenna	Frequency[MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11A	Ant1	5180	-40	-44.86	≤-40	PASS
NTNV	11A	Ant1	5180	-20	-28.93	≤-25	PASS
NTNV	11A	Ant1	5180	+20	-27.90	≤-25	PASS
NTNV	11A	Ant1	5180	+40	-43.60	≤-40	PASS
NTNV	11A	Ant1	5200	-40	-43.52	≤-40	PASS
NTNV	11A	Ant1	5200	-20	-28.84	≤-25	PASS
NTNV	11A	Ant1	5200	+20	-28.90	≤-25	PASS
NTNV	11A	Ant1	5200	+40	-42.70	≤-40	PASS
NTNV	11A	Ant1	5240	-40	-43.52	≤-40	PASS
NTNV	11A	Ant1	5240	-20	-29.68	≤-25	PASS
NTNV	11A	Ant1	5240	+20	-28.87	≤-25	PASS
NTNV	11A	Ant1	5240	+40	-43.32	≤-40	PASS
NTNV	11A	Ant1	5260	-40	-43.92	≤-40	PASS
NTNV	11A	Ant1	5260	-20	-32.06	≤-25	PASS
NTNV	11A	Ant1	5260	+20	-31.90	≤-25	PASS
NTNV	11A	Ant1	5260	+40	-43.59	≤-40	PASS
NTNV	11A	Ant1	5280	-40	-43.61	≤-40	PASS
NTNV	11A	Ant1	5280	-20	-30.89	≤-25	PASS
NTNV	11A	Ant1	5280	+20	-31.42	≤-25	PASS
NTNV	11A	Ant1	5280	+40	-43.61	≤-40	PASS
NTNV	11A	Ant1	5320	-40	-43.64	≤-40	PASS
NTNV	11A	Ant1	5320	-20	-31.76	≤-25	PASS
NTNV	11A	Ant1	5320	+20	-32.21	≤-25	PASS
NTNV	11A	Ant1	5320	+40	-43.77	≤-40	PASS
NTNV	11A	Ant1	5500	-40	-43.71	≤-40	PASS
NTNV	11A	Ant1	5500	-20	-31.14	≤-25	PASS
NTNV	11A	Ant1	5500	+20	-32.38	≤-25	PASS
NTNV	11A	Ant1	5500	+40	-43.60	≤-40	PASS
NTNV	11A	Ant1	5580	-40	-41.65	≤-40	PASS
NTNV	11A	Ant1	5580	-20	-31.82	≤-25	PASS
NTNV	11A	Ant1	5580	+20	-32.81	≤-25	PASS
NTNV	11A	Ant1	5580	+40	-41.52	≤-40	PASS
NTNV	11A	Ant1	5700	-40	-42.41	≤-40	PASS
NTNV	11A	Ant1	5700	-20	-33.16	≤-25	PASS
NTNV	11A	Ant1	5700	+20	-31.64	≤-25	PASS
NTNV	11A	Ant1	5700	+40	-42.23	≤-40	PASS
NTNV	11N20SISO	Ant1	5180	-40	-43.47	≤-40	PASS
NTNV	11N20SISO	Ant1	5180	-20	-30.31	≤-25	PASS
NTNV	11N20SISO	Ant1	5180	+20	-29.64	≤-25	PASS
NTNV	11N20SISO	Ant1	5180	+40	-43.21	≤-40	PASS
NTNV	11N20SISO	Ant1	5200	-40	-42.89	≤-40	PASS
NTNV	11N20SISO	Ant1	5200	-20	-29.00	≤-25	PASS
NTNV	11N20SISO	Ant1	5200	+20	-29.46	≤-25	PASS
NTNV	11N20SISO	Ant1	5200	+40	-42.71	≤-40	PASS
NTNV	11N20SISO	Ant1	5240	-40	-43.27	≤-40	PASS
NTNV	11N20SISO	Ant1	5240	-20	-29.59	≤-25	PASS
NTNV	11N20SISO	Ant1	5240	+20	-30.57	≤-25	PASS
NTNV	11N20SISO	Ant1	5240	+40	-42.77	≤-40	PASS
NTNV	11N20SISO	Ant1	5260	-40	-43.57	≤-40	PASS
NTNV	11N20SISO	Ant1	5260	-20	-30.36	≤-25	PASS
NTNV	11N20SISO	Ant1	5260	+20	-29.45	≤-25	PASS
NTNV	11N20SISO	Ant1	5260	+40	-43.66	≤-40	PASS
NTNV	11N20SISO	Ant1	5280	-40	-41.39	≤-40	PASS
NTNV	11N20SISO	Ant1	5280	-20	-29.61	≤-25	PASS
NTNV	11N20SISO	Ant1	5280	+20	-29.72	≤-25	PASS
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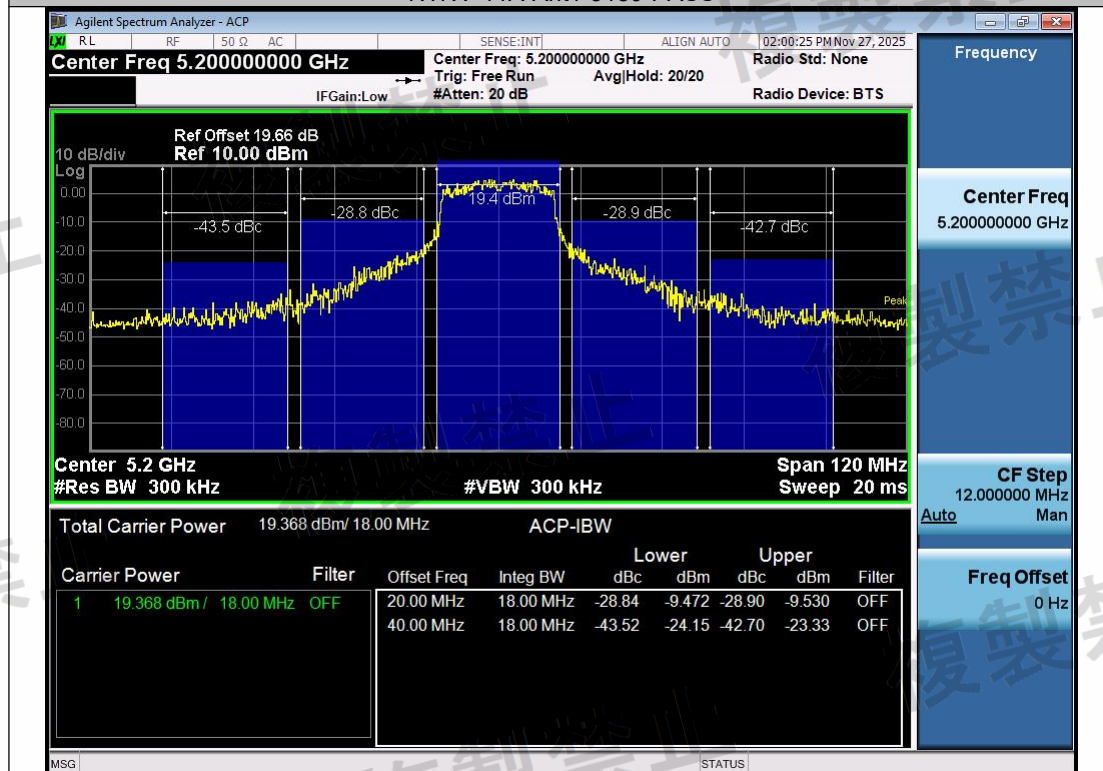
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NTNV	11N20SISO	Ant1	5580	-20	-28.82	≤-25	PASS
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NTNV	11N20SISO	Ant1	5700	-20	-29.47	≤-25	PASS
NTNV	11N20SISO	Ant1	5700	+20	-29.87	≤-25	PASS
NTNV	11N20SISO	Ant1	5700	+40	-42.56	≤-40	PASS
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NTNV	11N40SISO	Ant1	5310	+40	-31.94	≤-25	PASS
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NTNV	11AX20SISO	Ant1	5320	+40	-45.81	≤-40	PASS

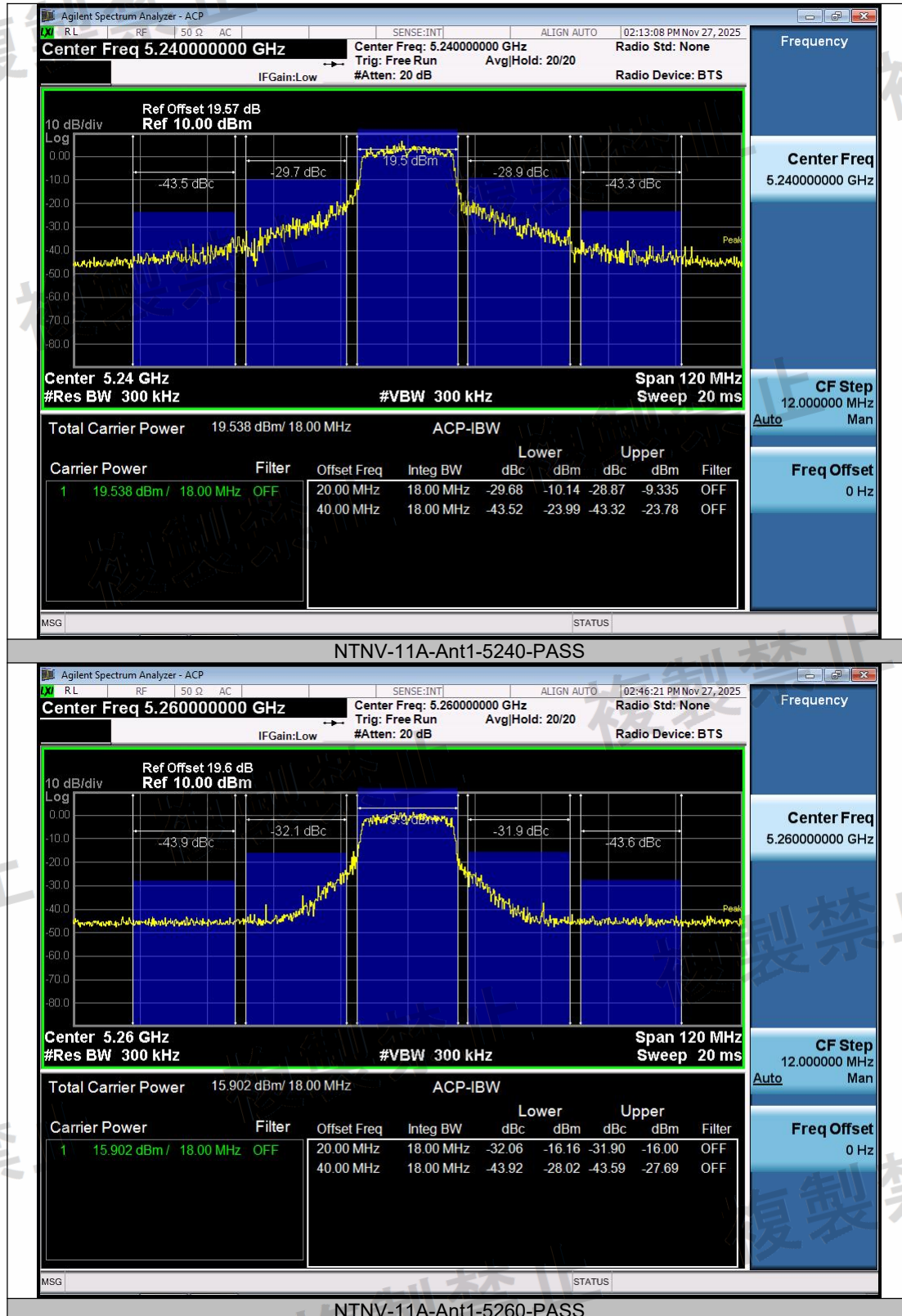
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NTNV	11AX40SISO	Ant1	5270	+80	-50.06	≤-40	PASS
NTNV	11AX40SISO	Ant1	5310	-80	-50.17	≤-40	PASS
NTNV	11AX40SISO	Ant1	5310	-40	-35.83	≤-25	PASS
NTNV	11AX40SISO	Ant1	5310	+40	-32.22	≤-25	PASS
NTNV	11AX40SISO	Ant1	5310	+80	-50.58	≤-40	PASS
NTNV	11AX40SISO	Ant1	5510	-80	-40.82	≤-40	PASS
NTNV	11AX40SISO	Ant1	5510	-40	-29.55	≤-25	PASS
NTNV	11AX40SISO	Ant1	5510	+40	-30.05	≤-25	PASS
NTNV	11AX40SISO	Ant1	5510	+80	-44.09	≤-40	PASS
NTNV	11AX40SISO	Ant1	5670	-80	-44.80	≤-40	PASS
NTNV	11AX40SISO	Ant1	5670	-40	-30.18	≤-25	PASS
NTNV	11AX40SISO	Ant1	5670	+40	-29.62	≤-25	PASS
NTNV	11AX40SISO	Ant1	5670	+80	-43.58	≤-40	PASS

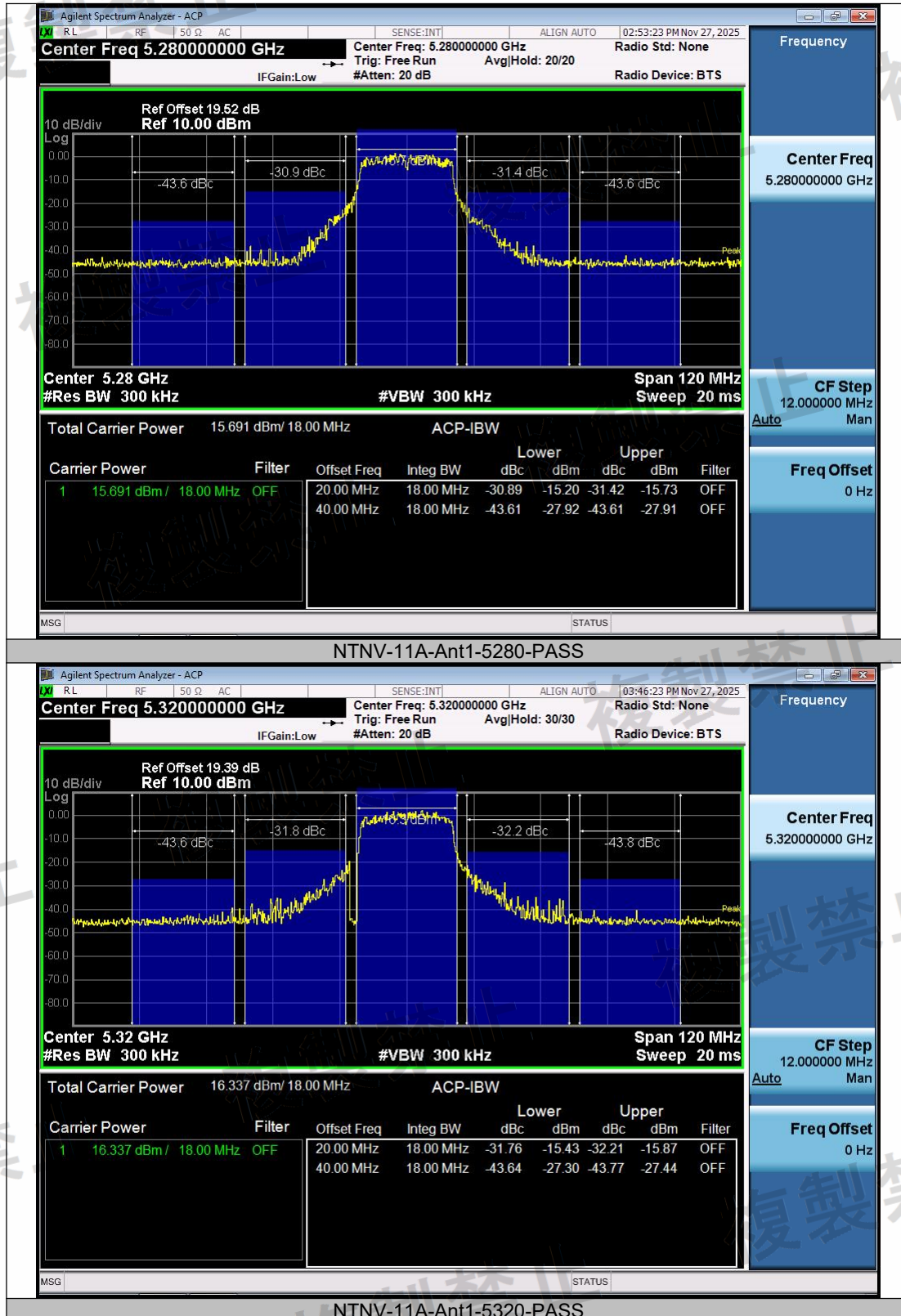


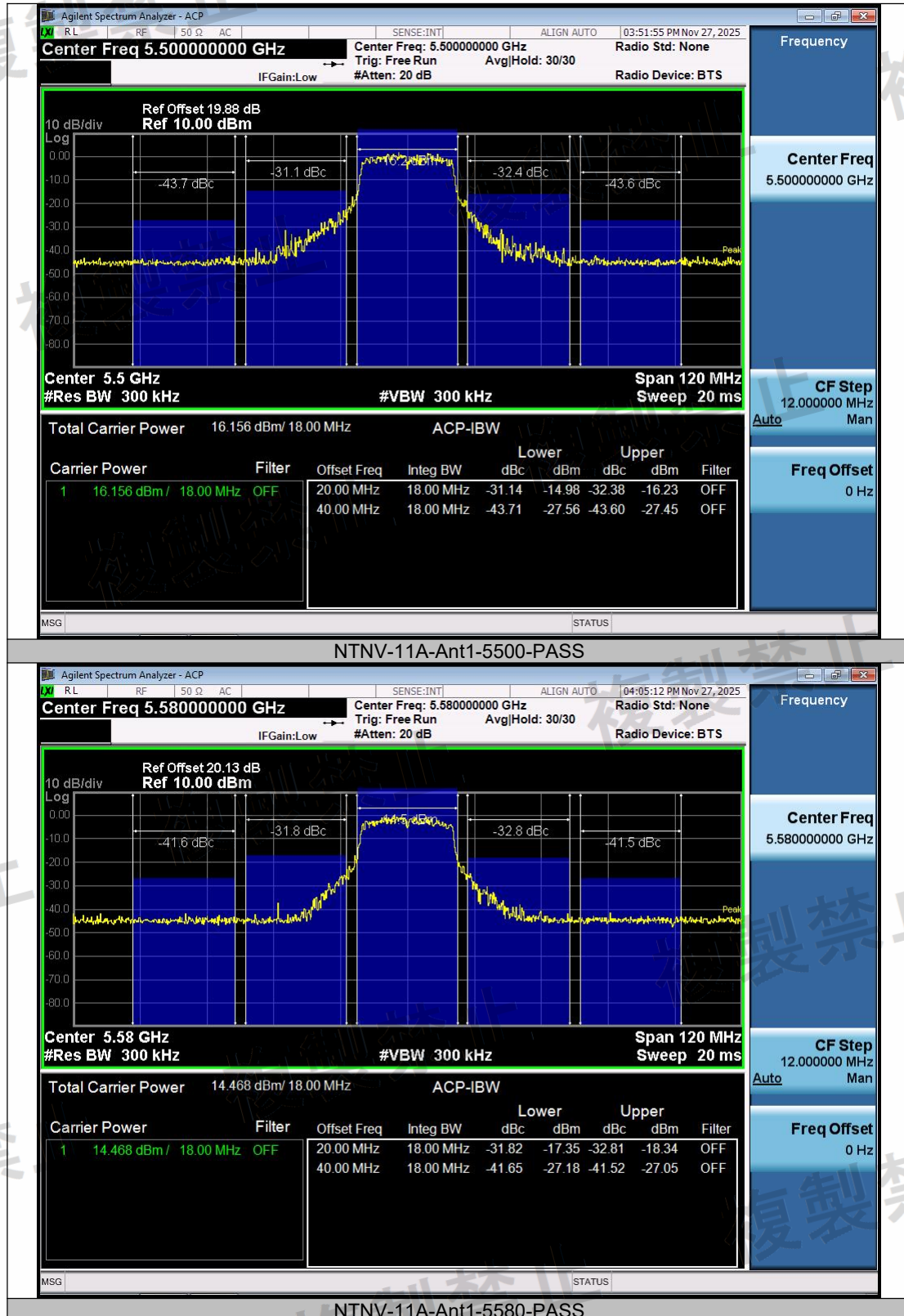
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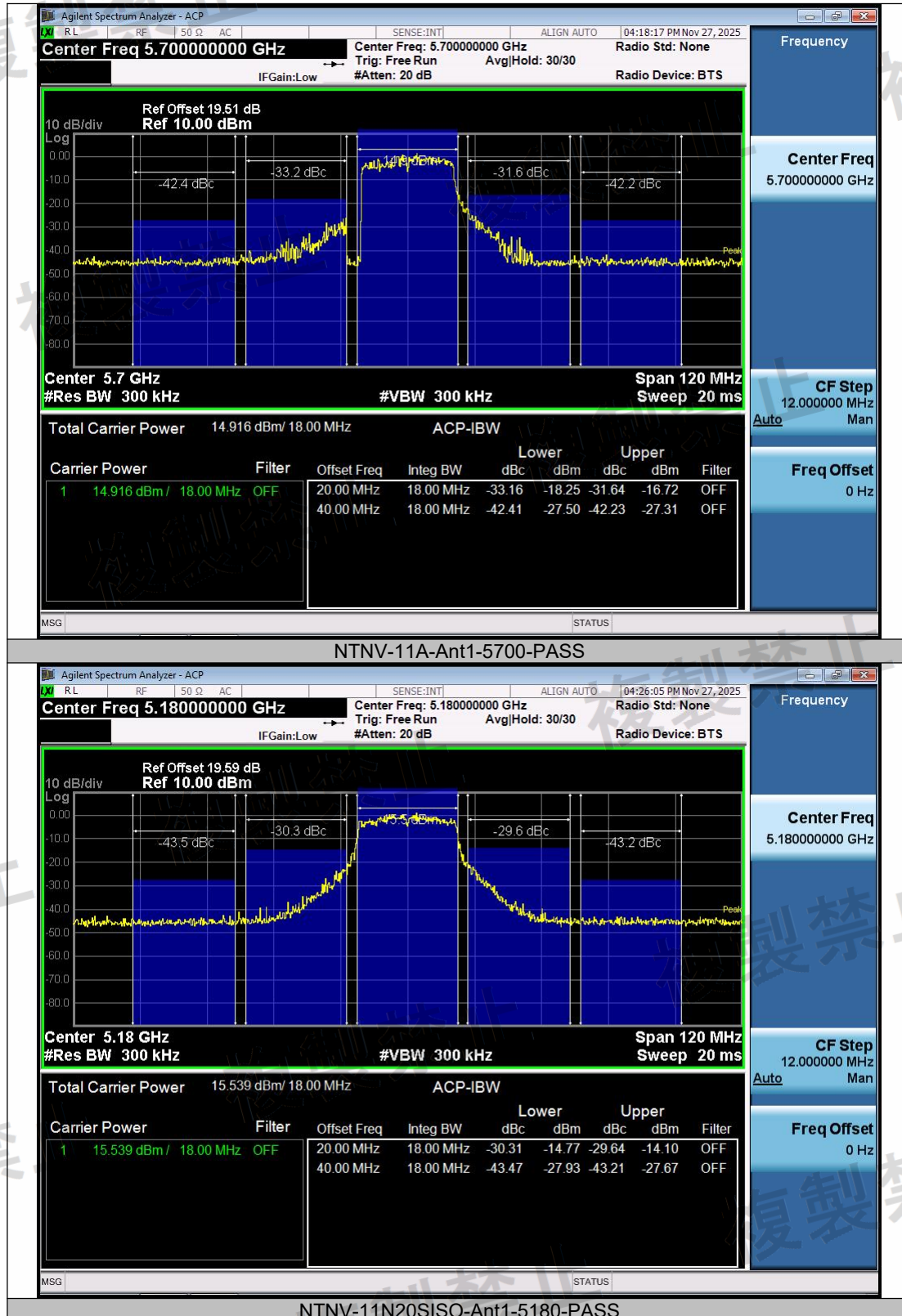


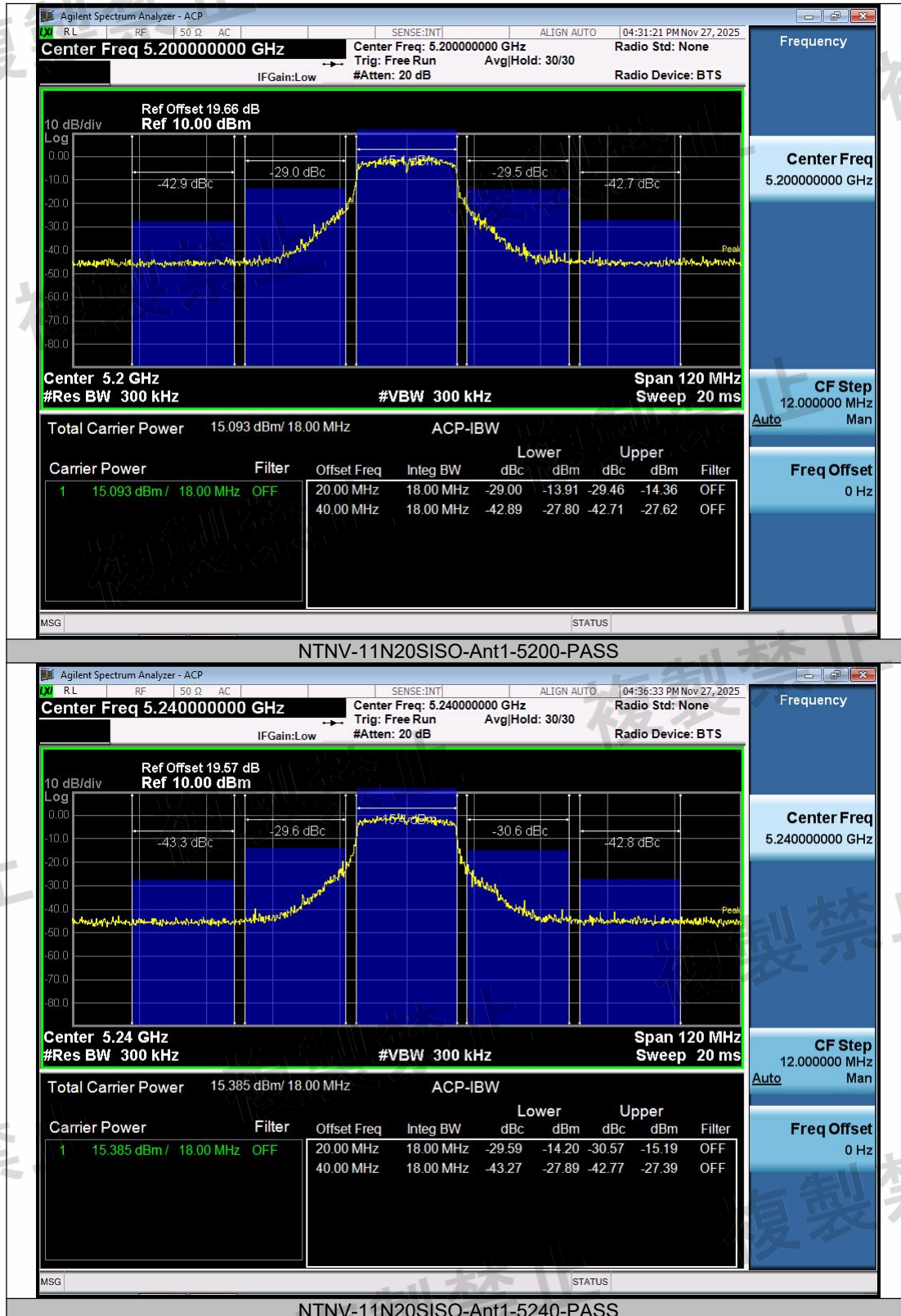
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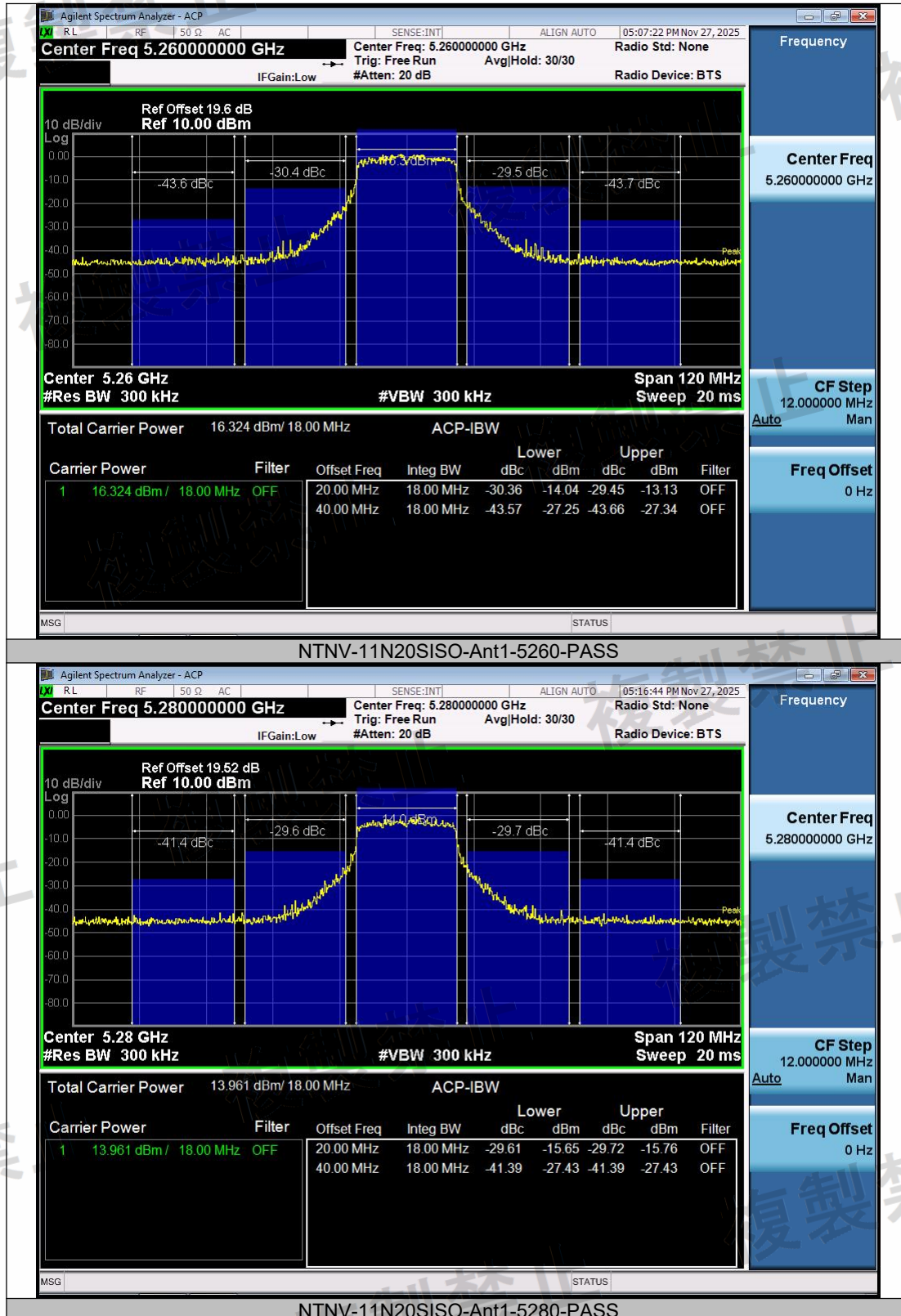


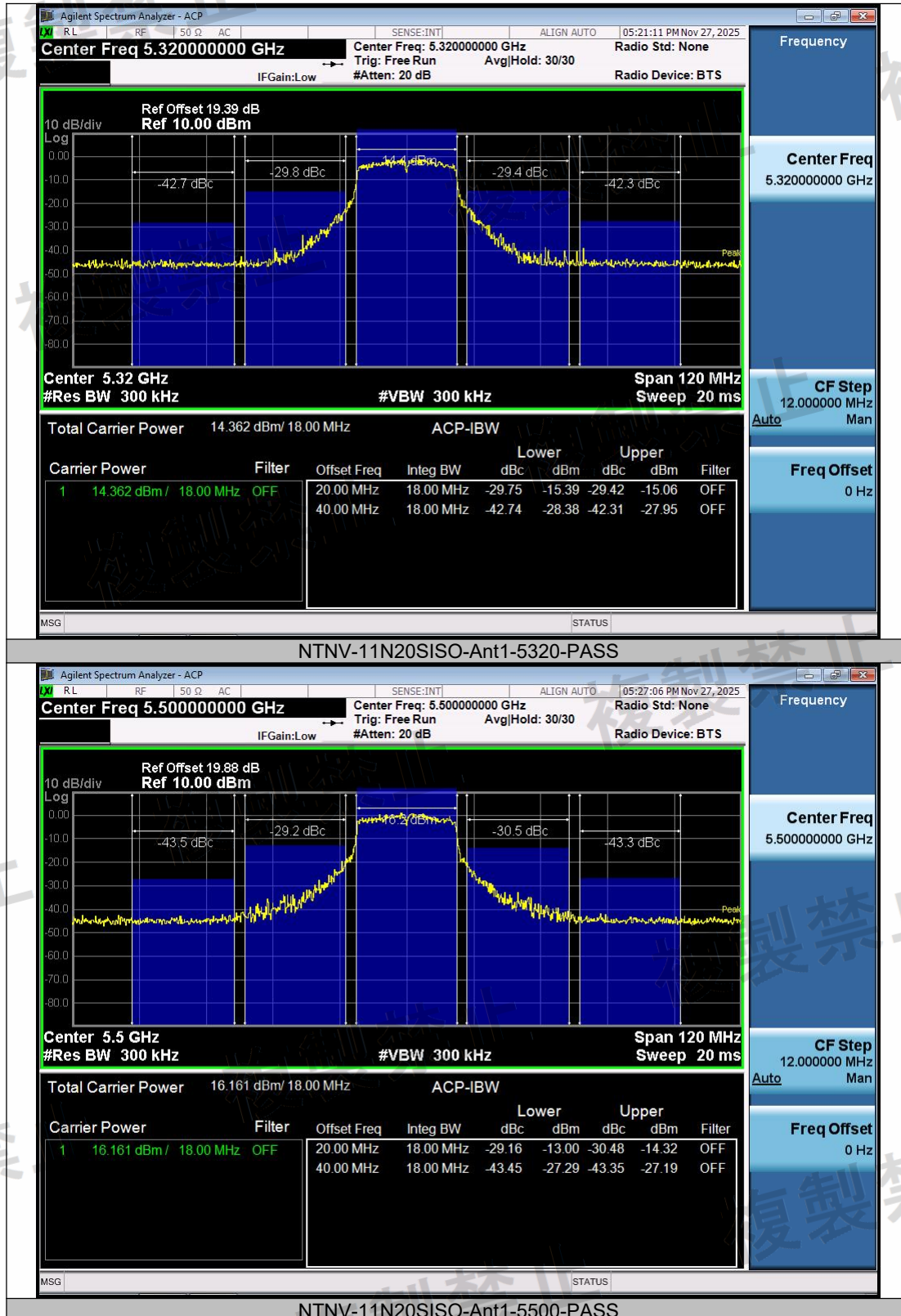


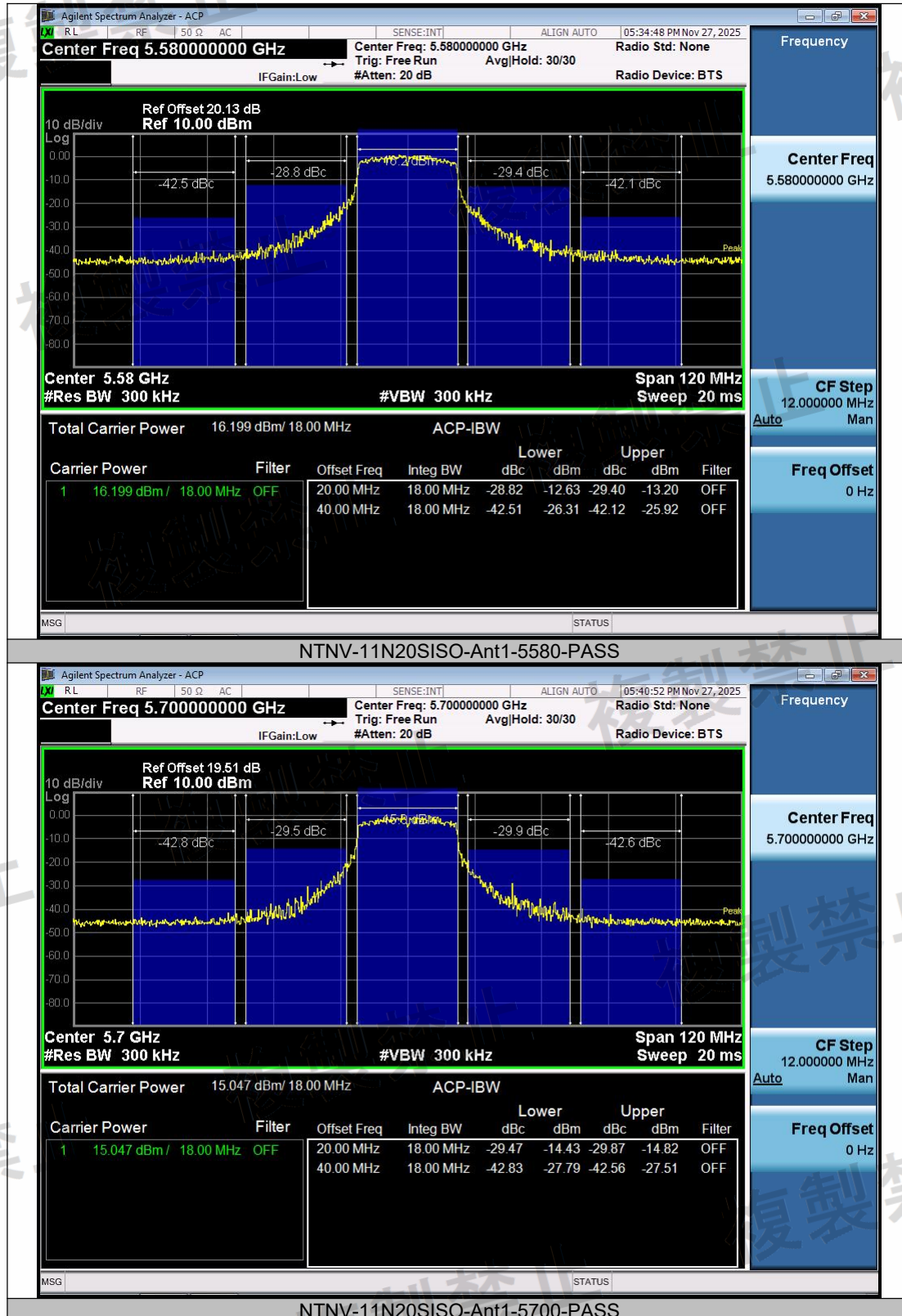


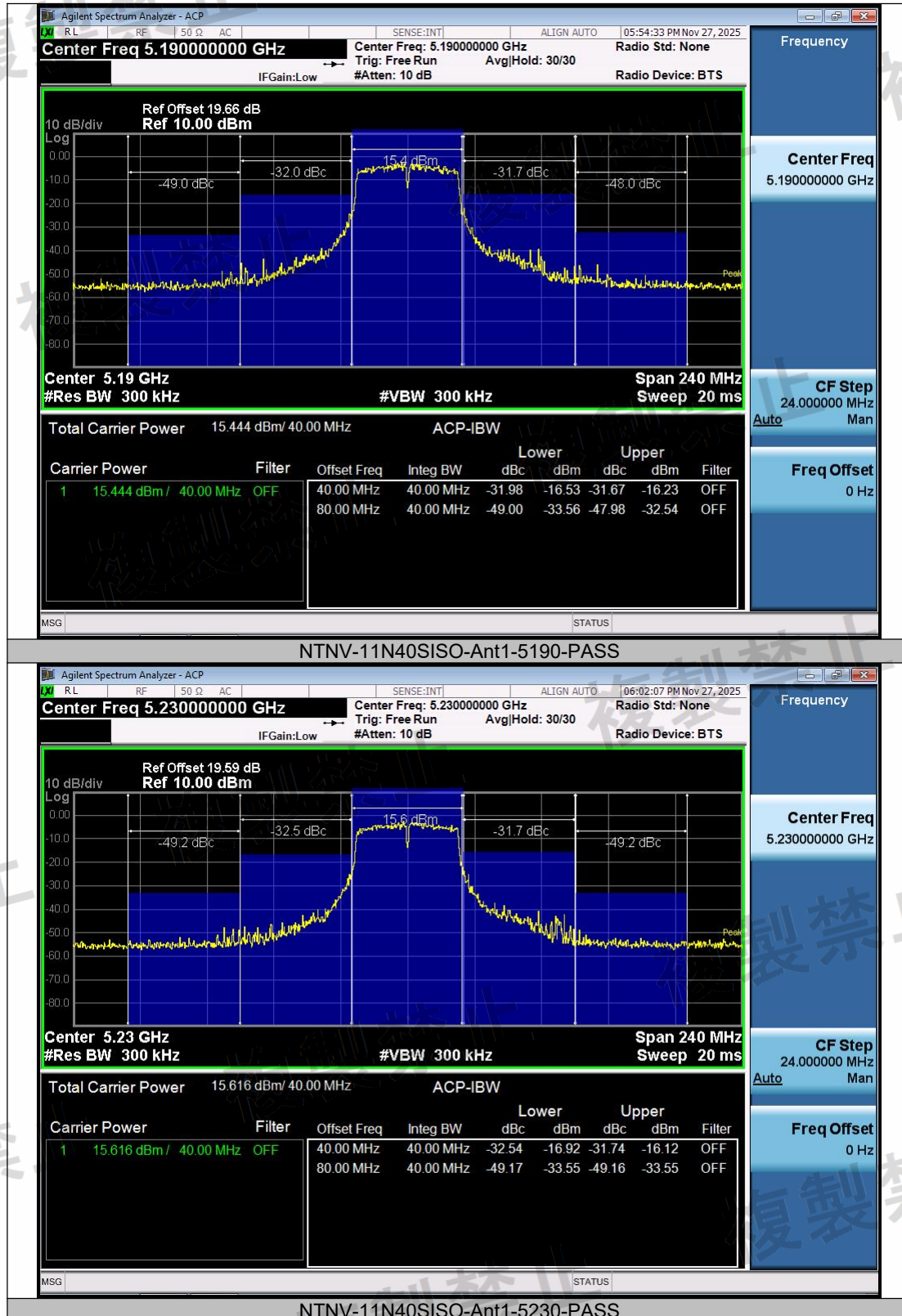


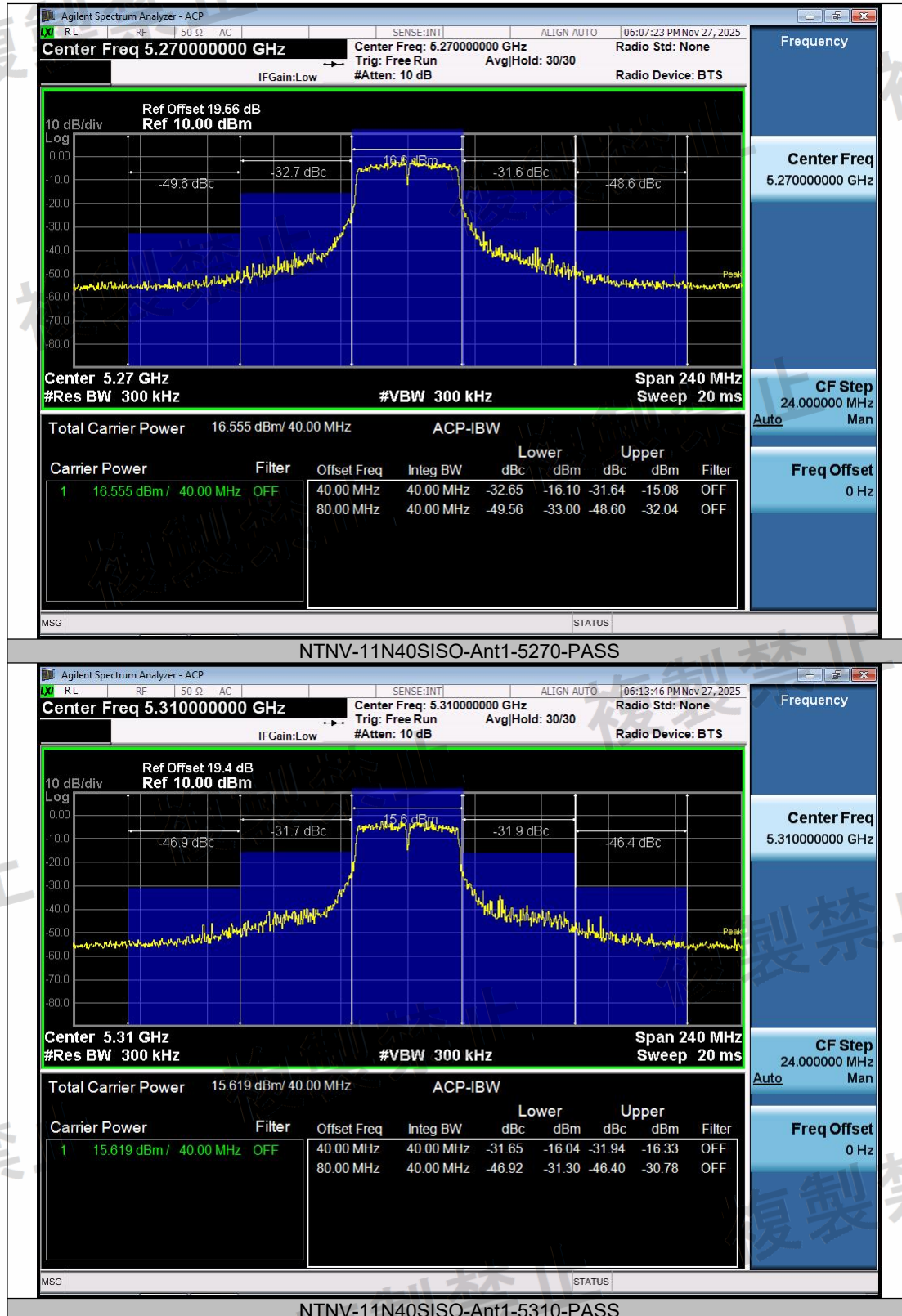


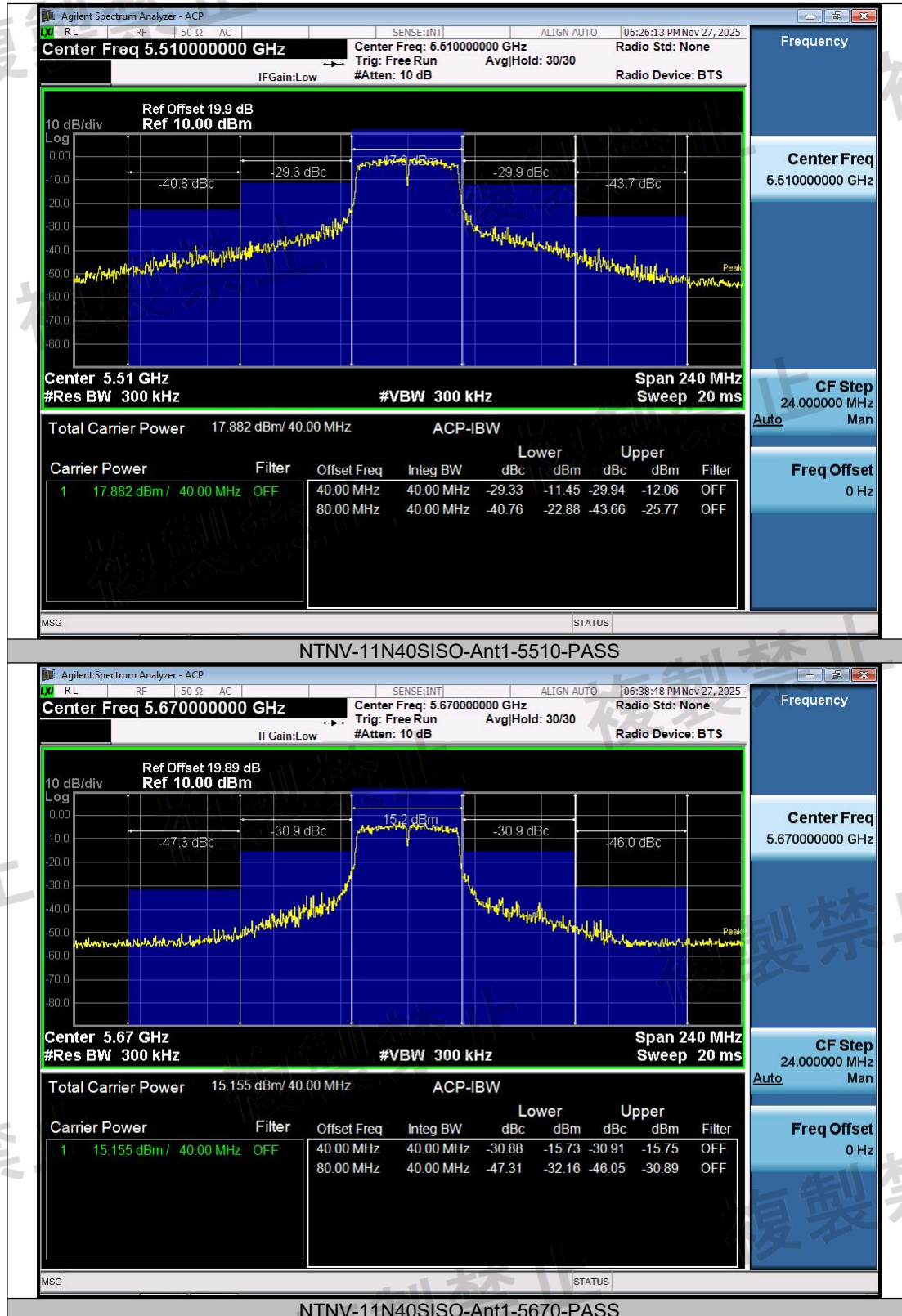


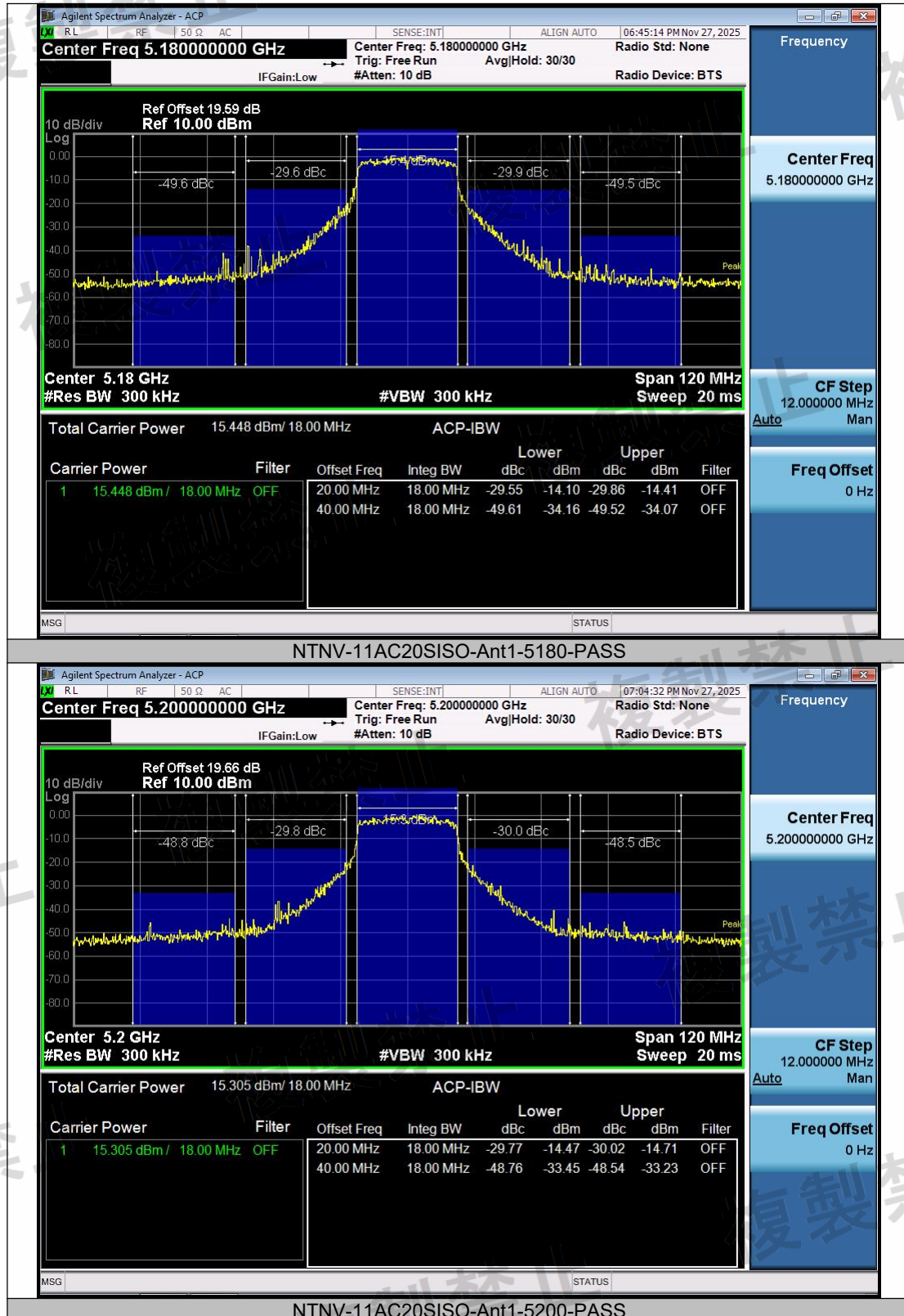


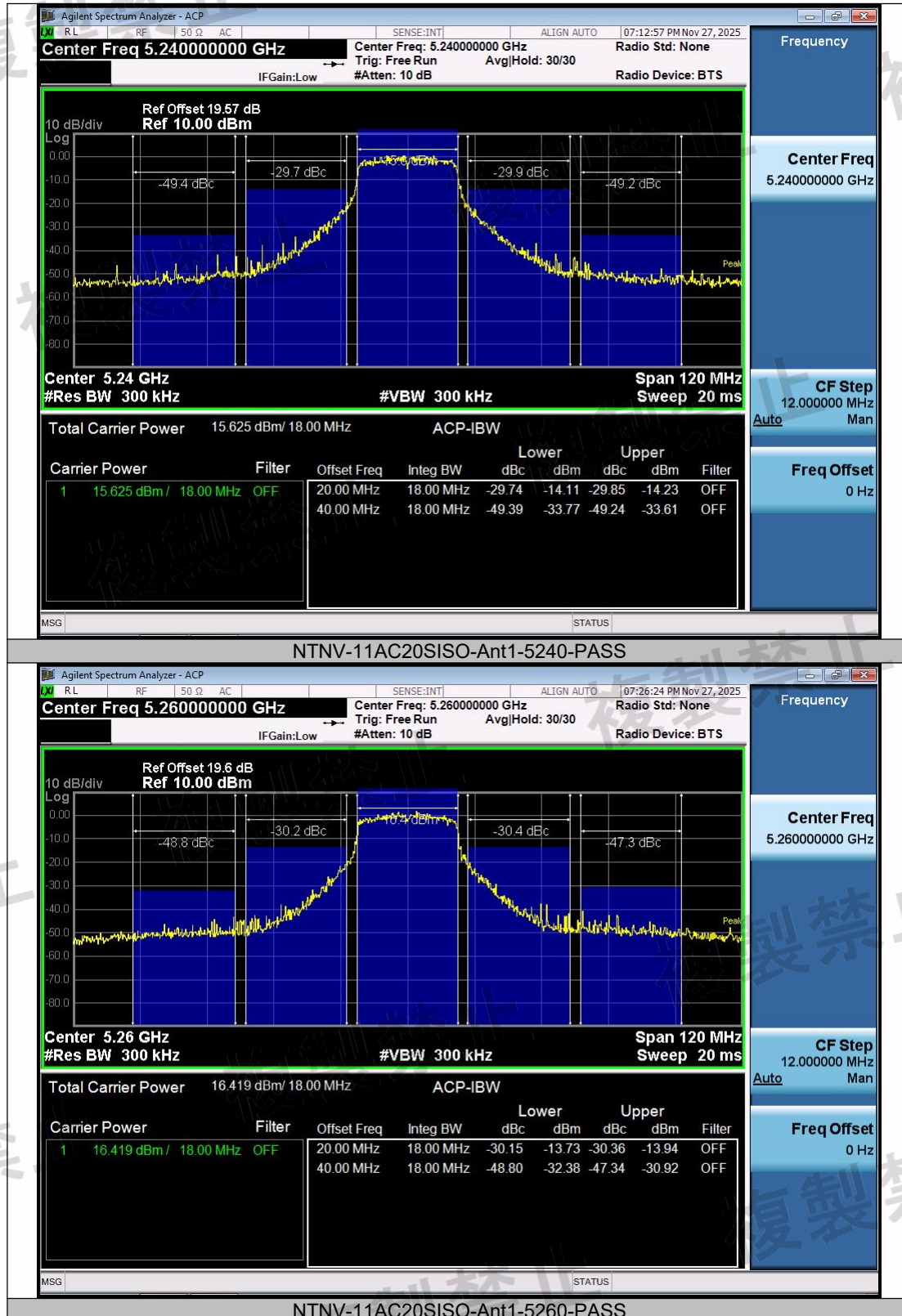


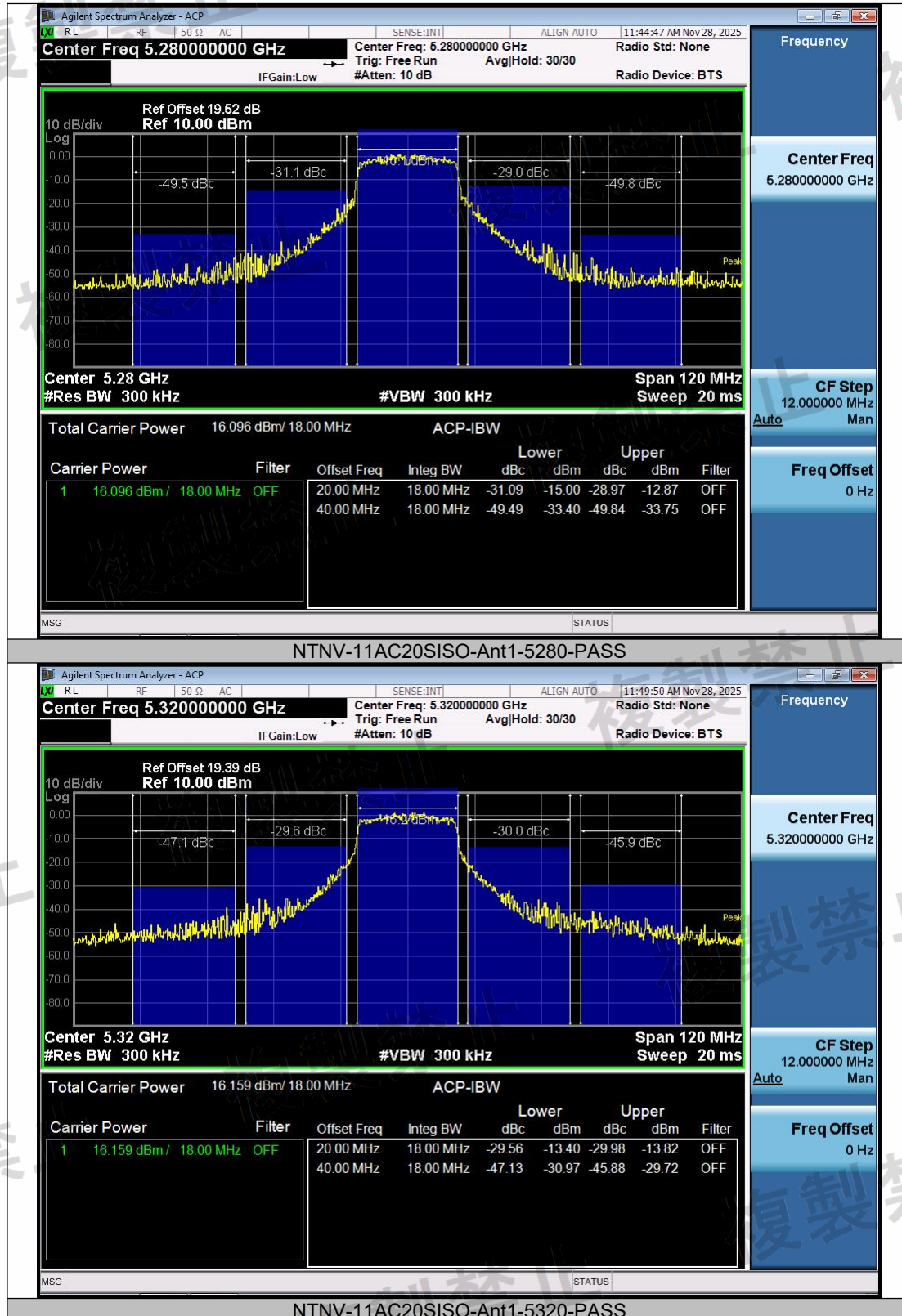


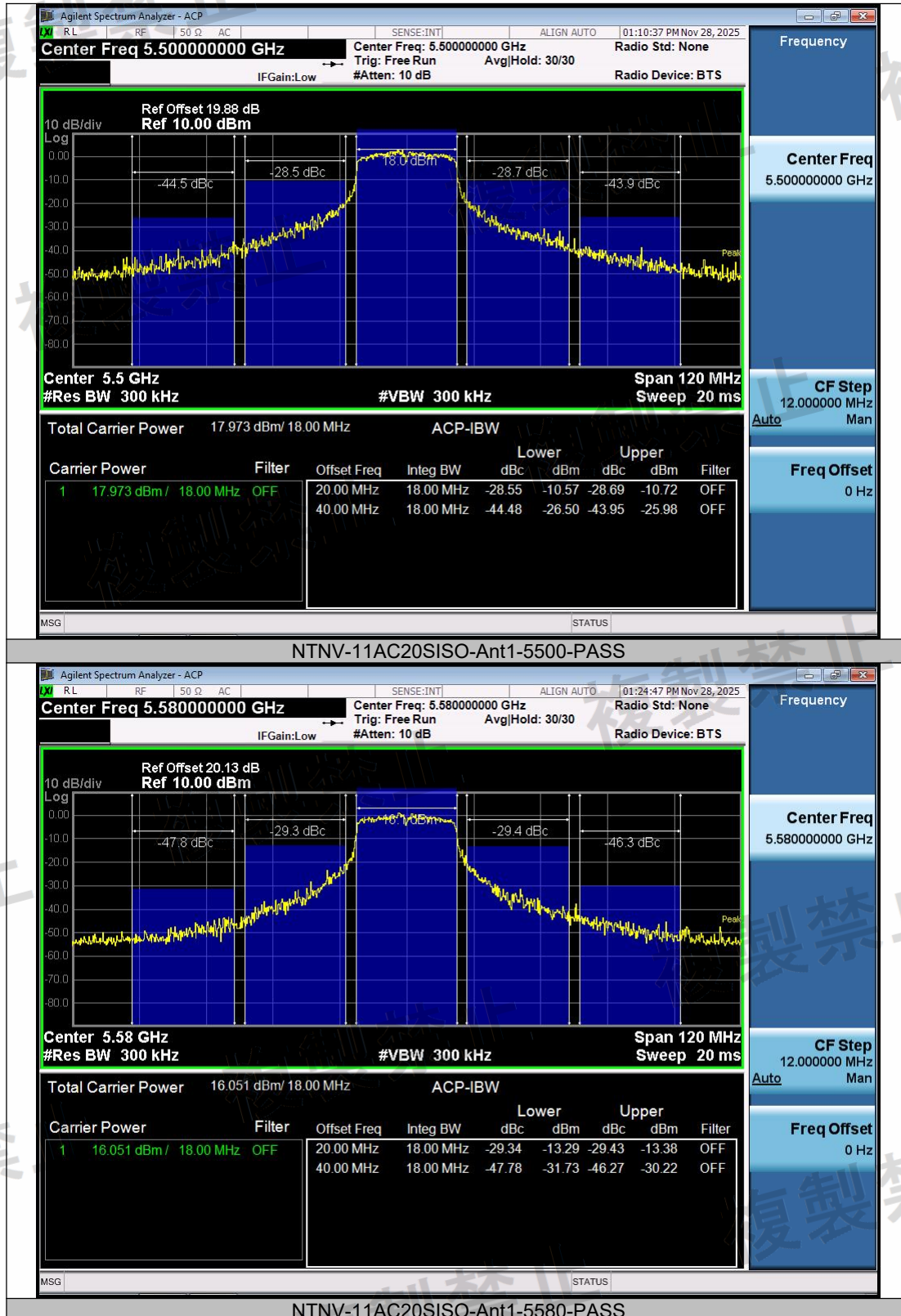


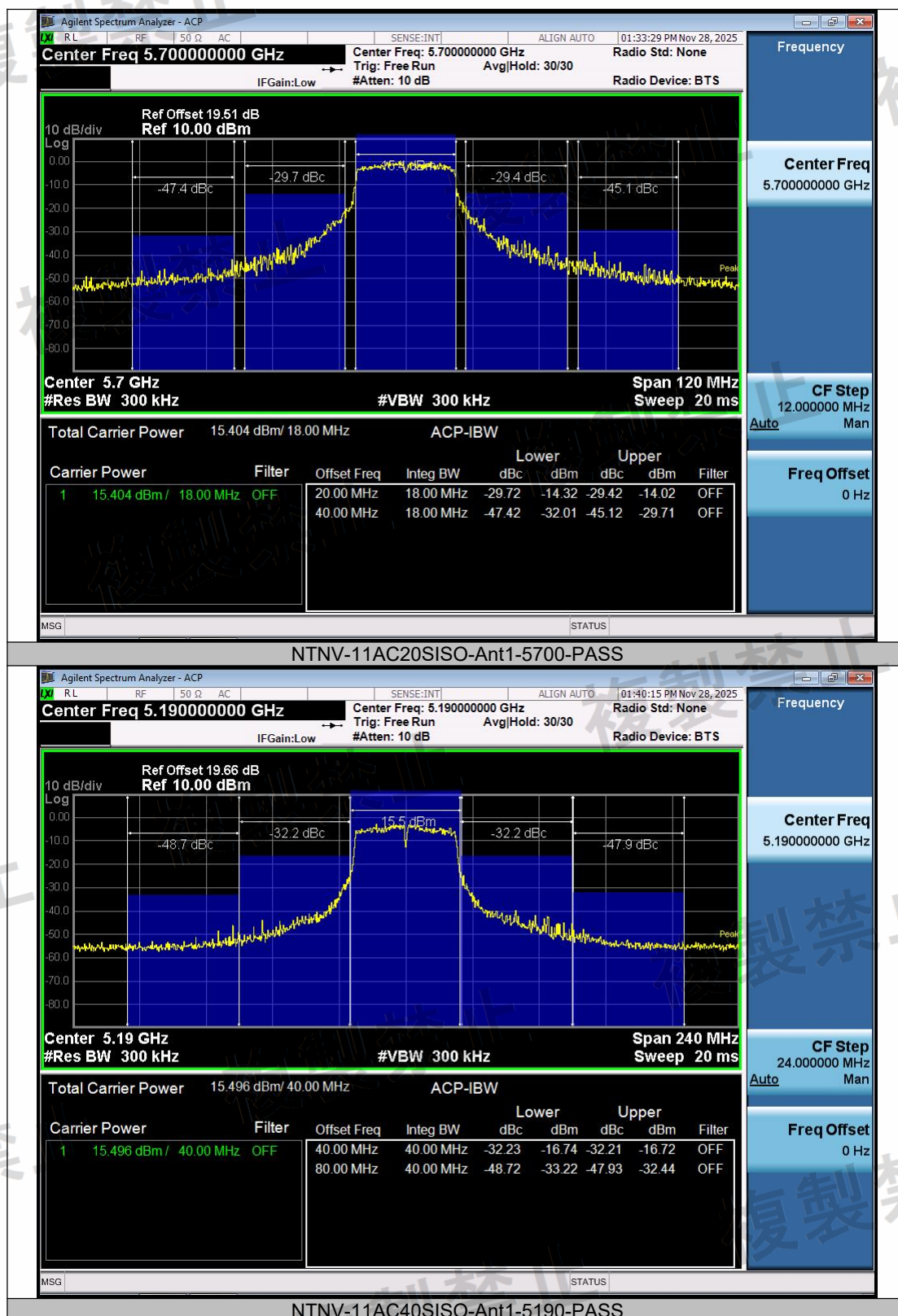


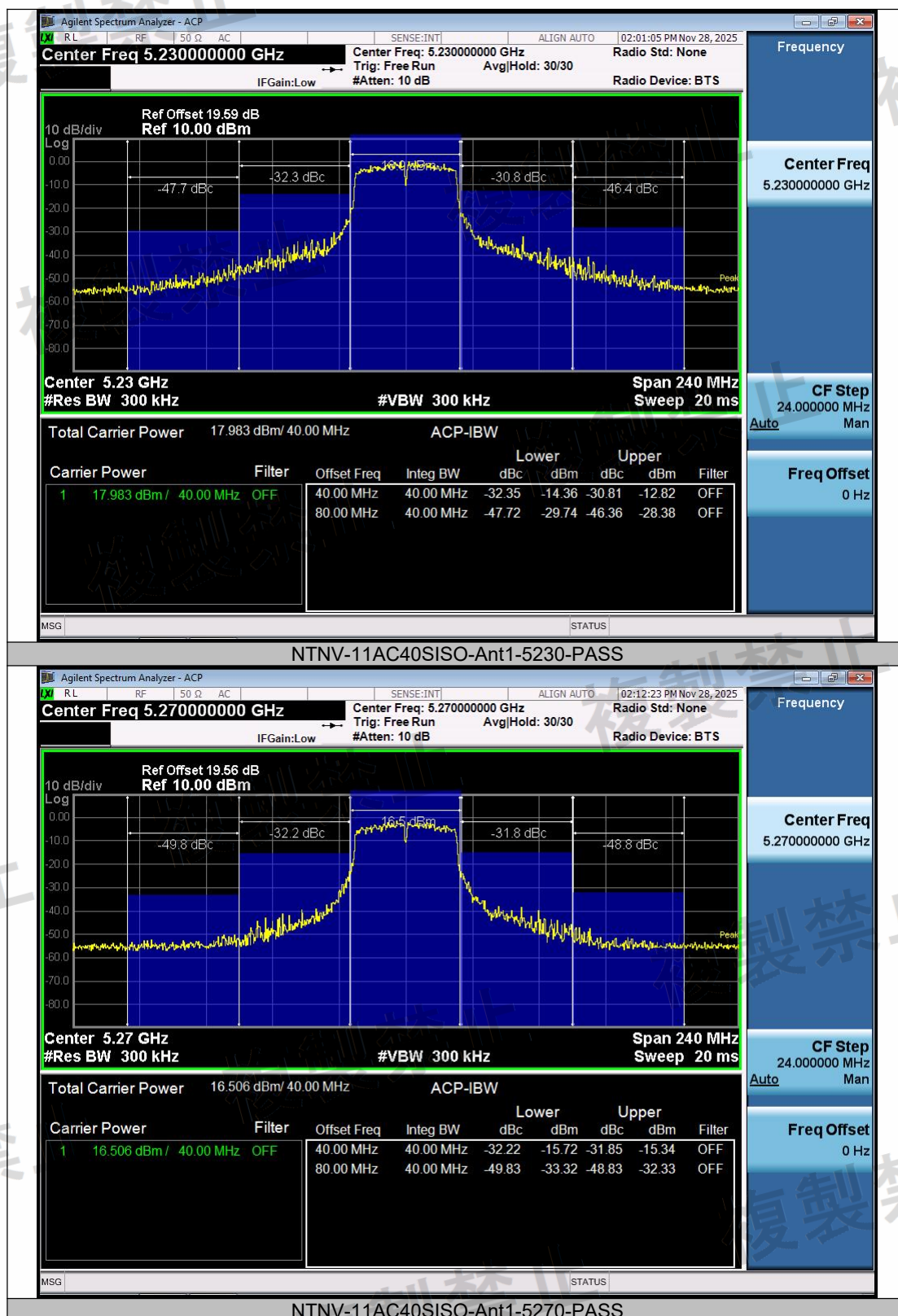


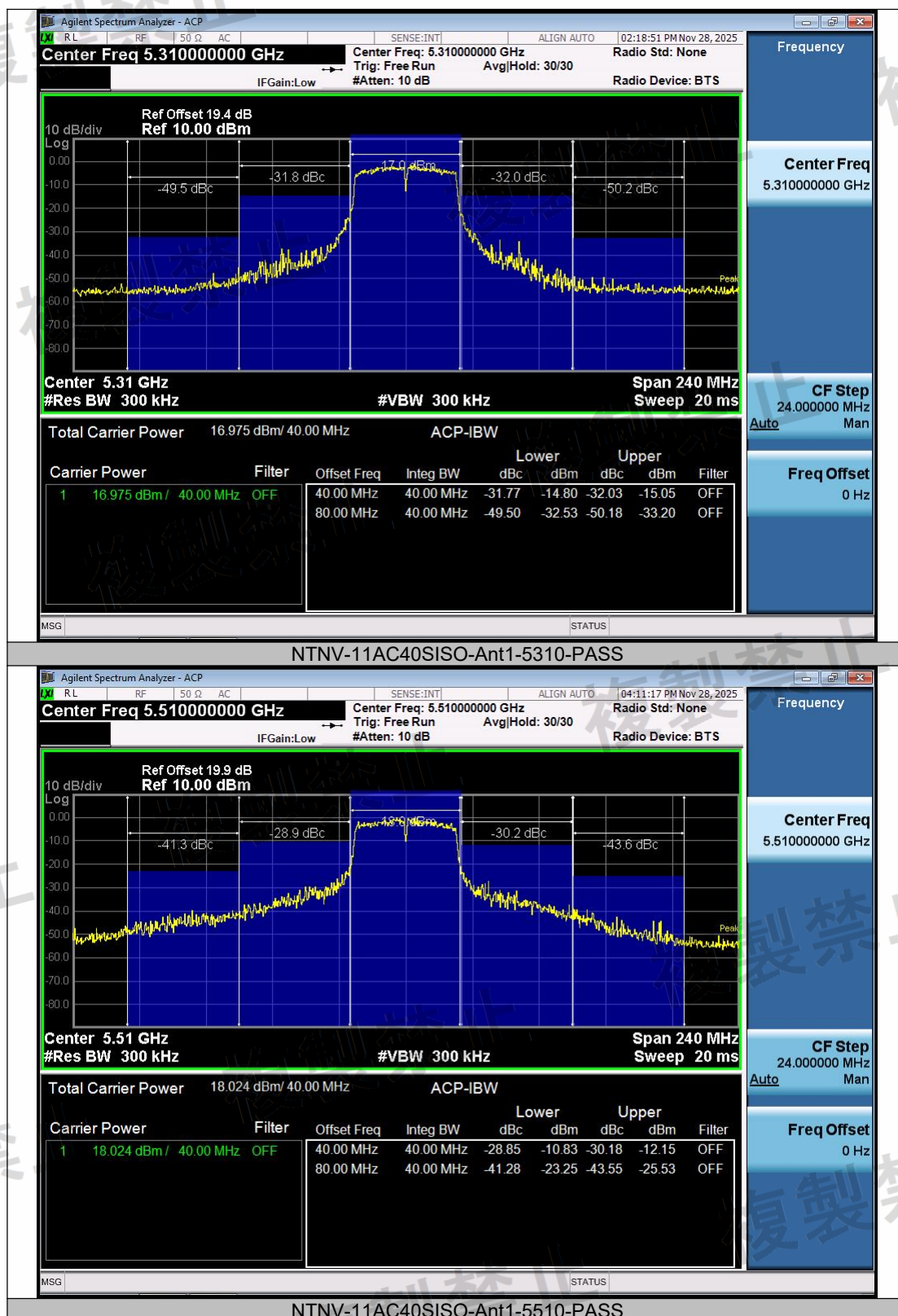


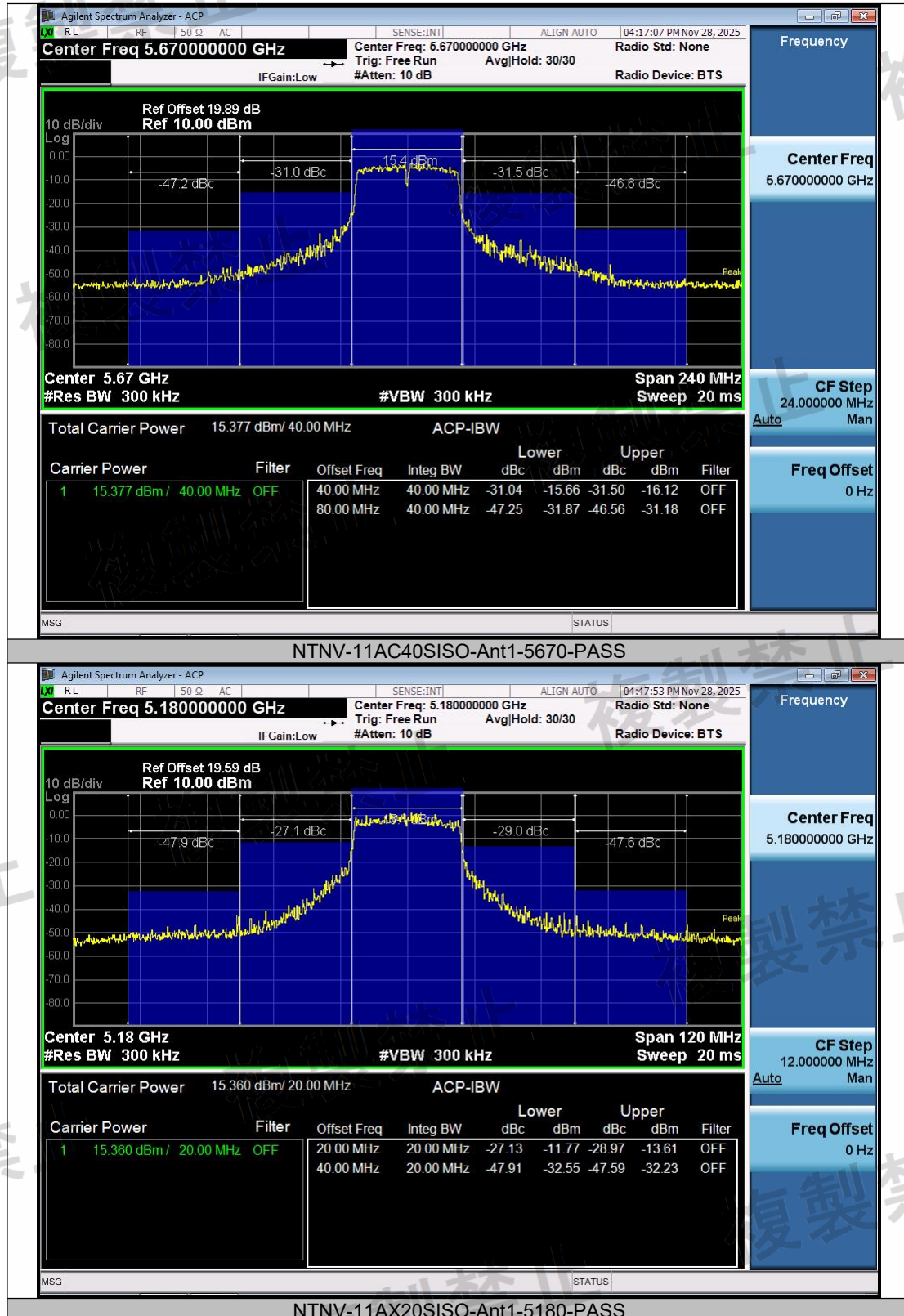


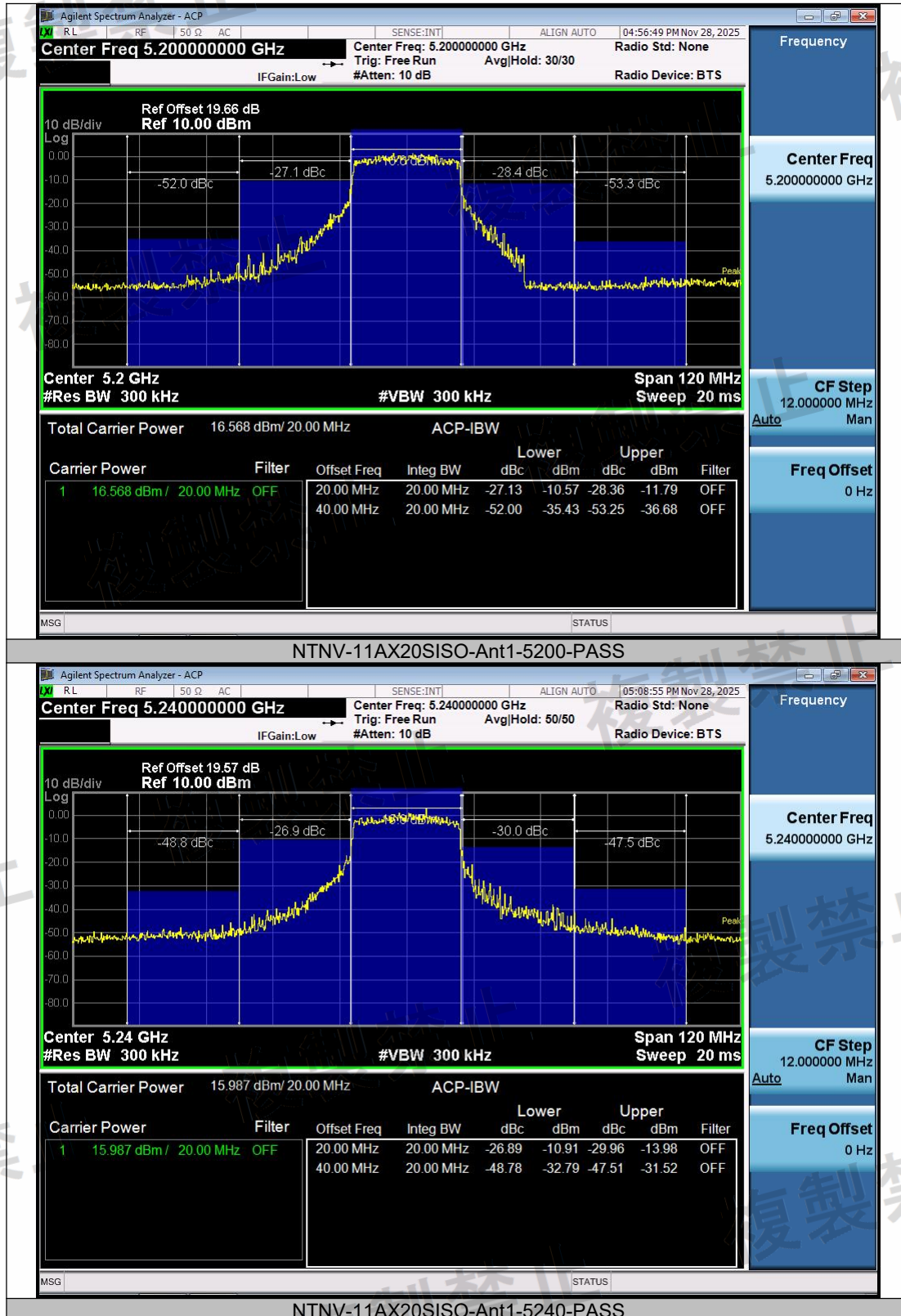


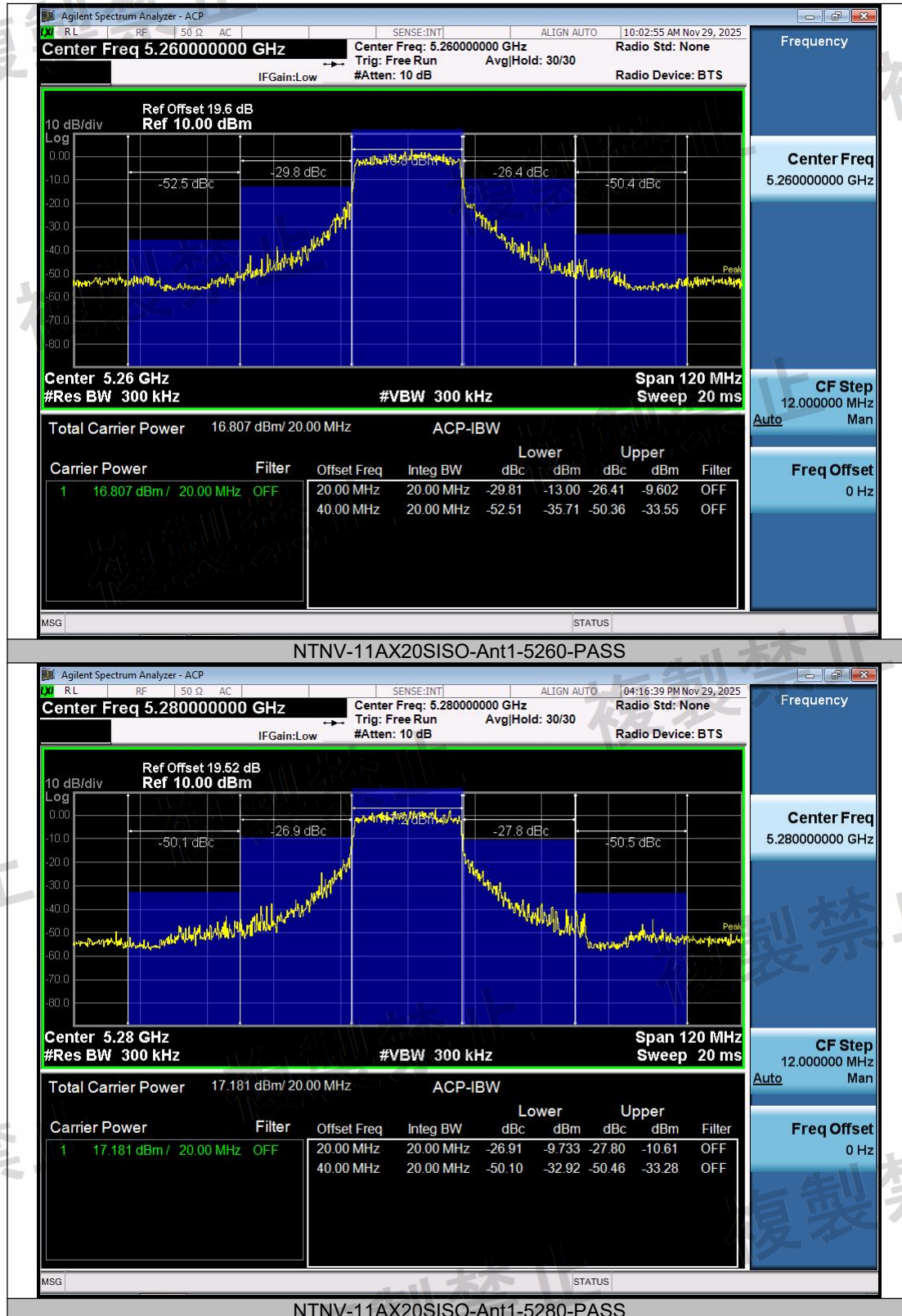


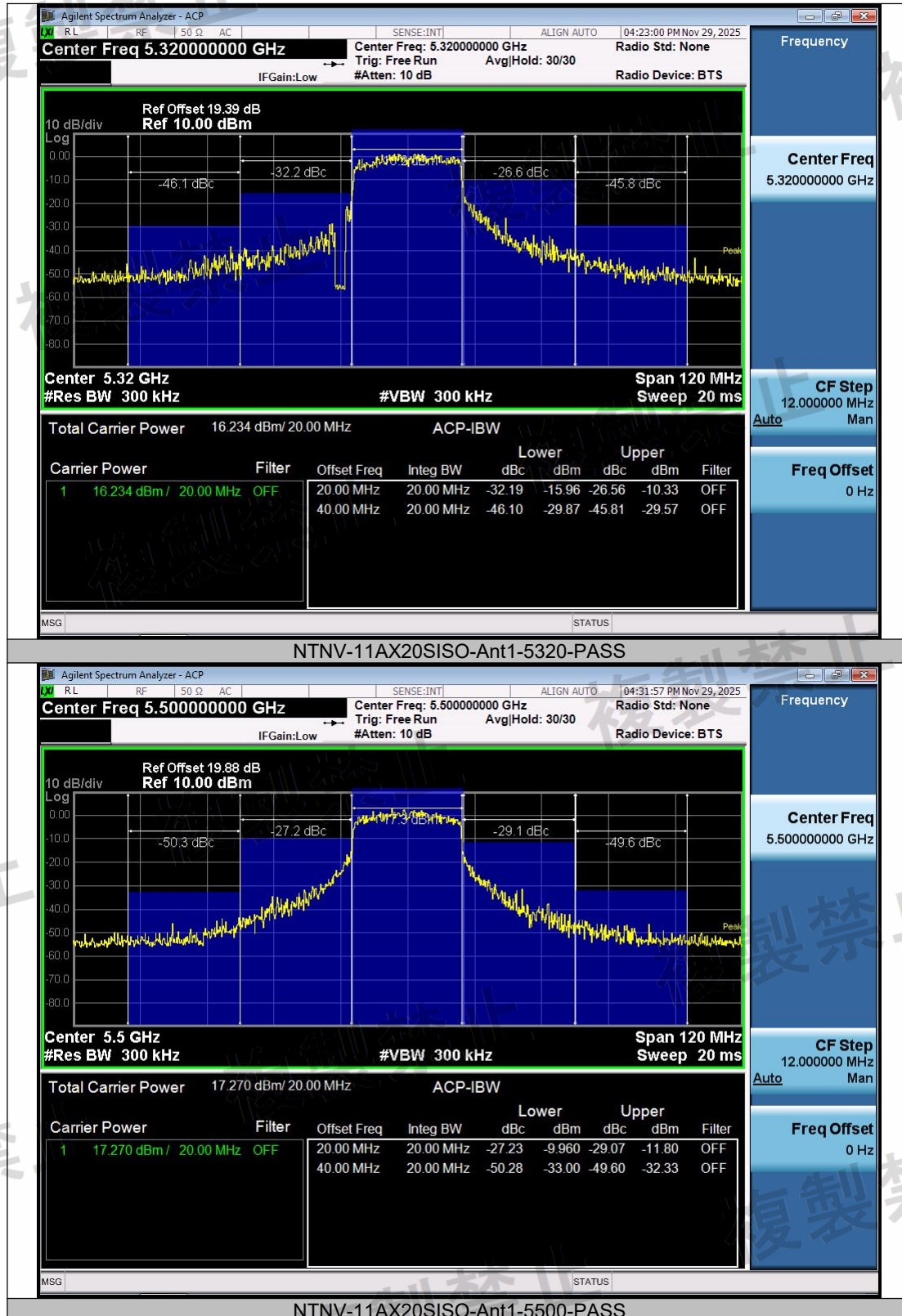


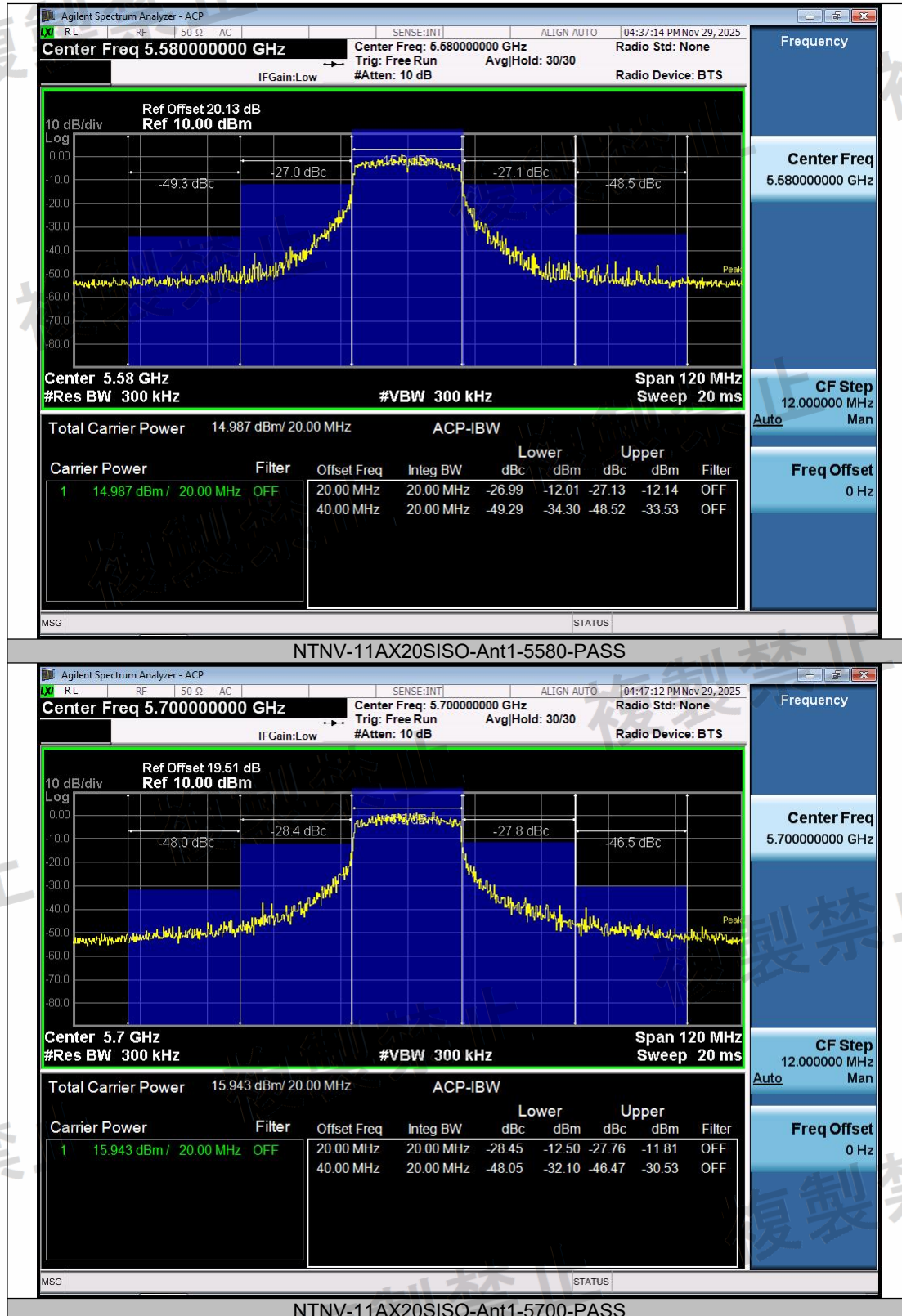


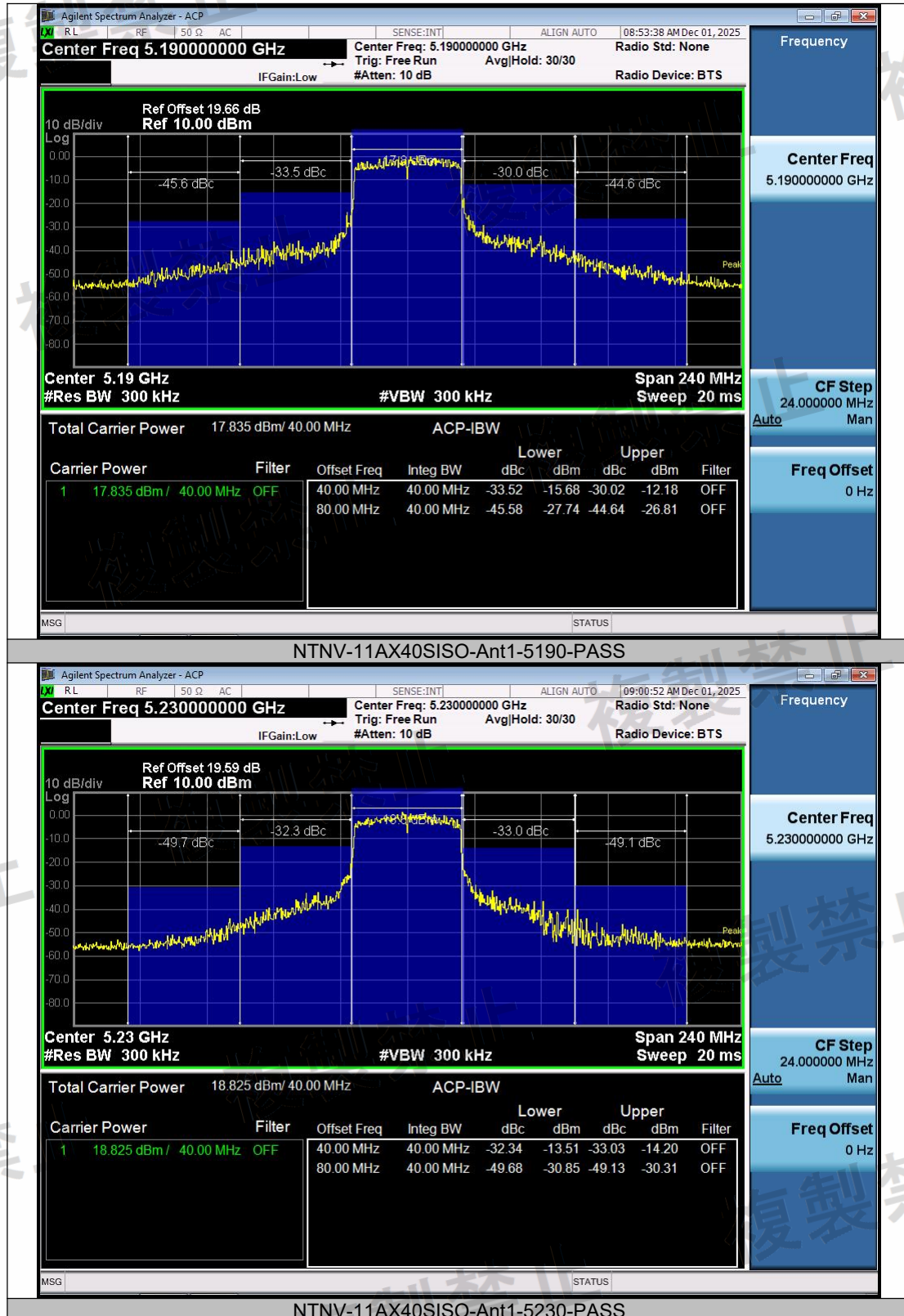


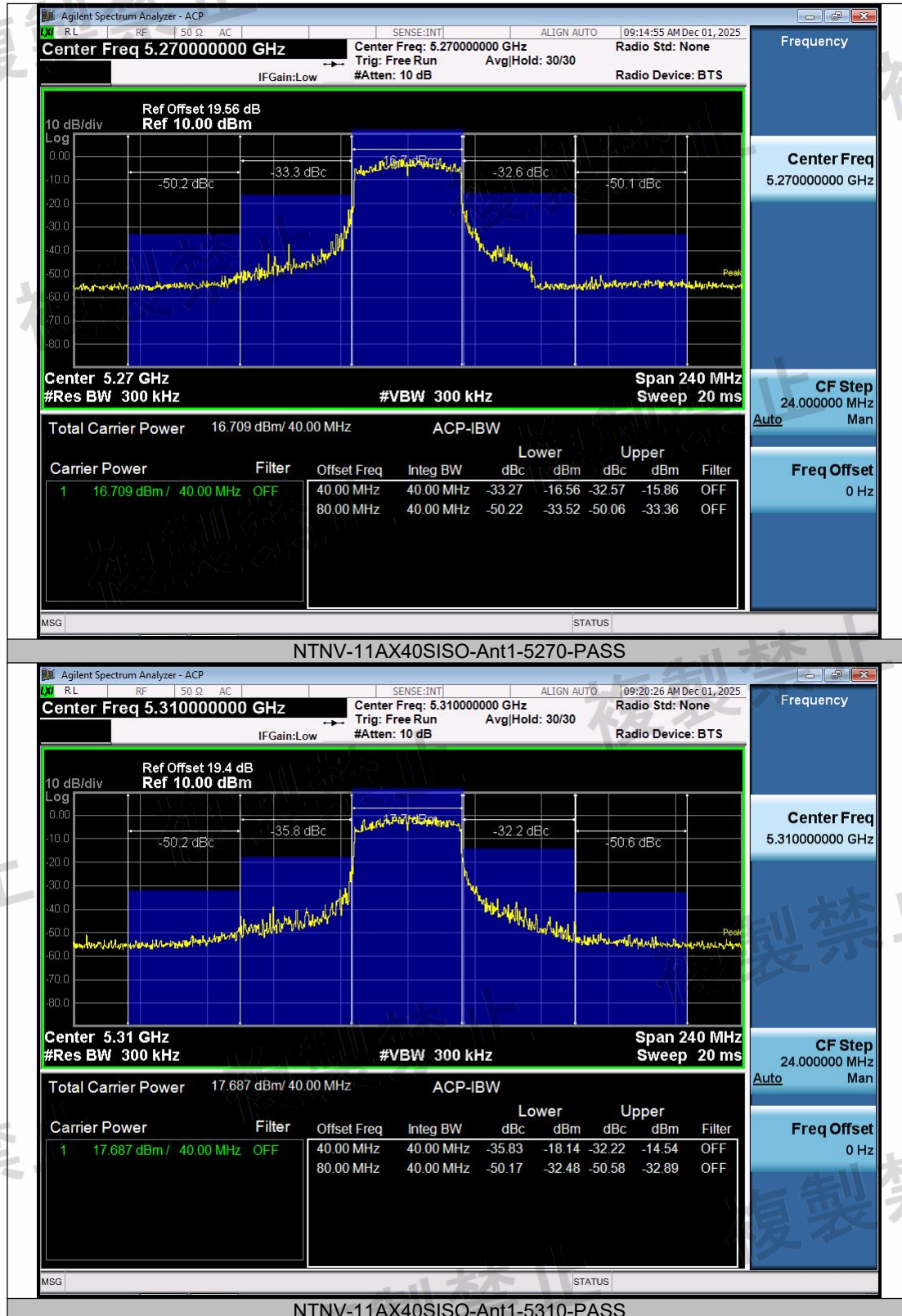


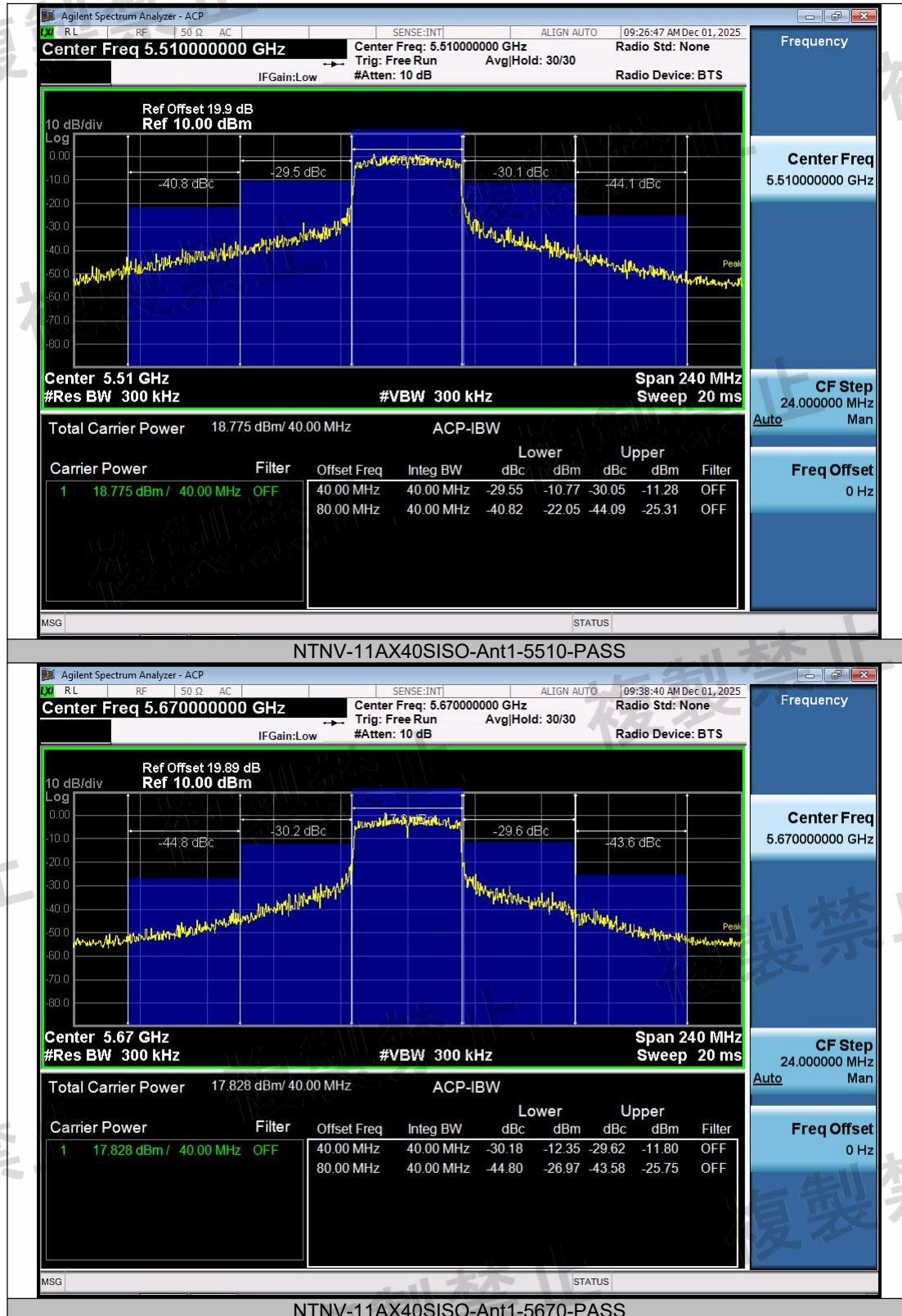












7.6. LEAK POWER OUT OF BAND

7.6.1. LIMIT

ARIB STD-T71, Clause 3.1.2 (10)

W52 Band

below 18MHz bandwidth

Frequency band	Deviation frequency 5240MHz	Limit
5140 - 5142MHz	98- 100MHz	2.5μW/MHz or less
5142 - 5150MHz	90 - 98MHz	15μW/MHz or less
5250 - 5251MHz	10 - 11MHz	$10^{1-(f-9)}\text{mW/MHz}$ or less
5251 - 5260MHz	11 - 20MHz	$10^{-1-(8/90)(f-20)}\text{mW/MHz}$ or less
5260 - 5266.7MHz	20 - 26.7MHz	$10^{-1.8-(6/50)(f-20)}\text{mW/MHz}$ or less
5266.7 - 5360MHz	26.7 - 120MHz	2.5μW/MHz or less

between 18MHz to 19MHz bandwidth

Frequency band	Deviation frequency 5240MHz	Limit
5135 - 5142MHz	98- 105MHz	2.5μW/MHz or less
5142 - 5150MHz	90 - 98MHz	15μW/MHz or less
5250 - 5251MHz	10 - 11MHz	$10^{1-(f-9)}\text{mW/MHz}$ or less
5251 - 5260MHz	11 - 20MHz	$10^{-1-(8/90)(f-20)}\text{mW/MHz}$ or less
5260 - 5266.7MHz	20 - 26.7MHz	$10^{-1.8-(6/50)(f-20)}\text{mW/MHz}$ or less
5266.7 - 5365MHz	26.7 - 125MHz	2.5μW/MHz or less

approximately 40MHz bandwidth

Frequency band	Deviation frequency 5230MHz	Limit
5100 – 5141.6MHz	88.4- 130MHz	2.5μW/MHz or less
5141.6 - 5150MHz	80 - 88.4MHz	15μW/MHz or less
5250 - 5251MHz	20 - 21MHz	$10^{-(f-20)+\log(1/2)}\text{mW/MHz}$ or less
5251 - 5270MHz	21 - 40MHz	$10^{-(8/190)(f-21)-1+\log(1/2)}\text{mW/MHz}$ or less
5270 – 5278.4MHz	40 – 48.4MHz	$10^{-(3/50)(f-40)-1.8+\log(1/2)}\text{mW/MHz}$ or less
5278.4 - 5400MHz	48.4 - 170MHz	2.5μW/MHz or less

approximately 80MHz bandwidth

Frequency band	Deviation frequency 5210MHz	Limit
5020 – 5123.2MHz	86.8- 190MHz	2.5μW/MHz or less
5123.2 - 5150MHz	60 – 86.8MHz	15μW/MHz or less
5250 - 5251MHz	40 - 41MHz	$10^{-(f-40)+\log(1/4)}\text{mW/MHz}$ or less
5251 - 5290MHz	41 - 80MHz	$10^{-(8/390)(f-41)-1+\log(1/4)}\text{mW/MHz}$ or less
5290 – 5296.7MHz	80 – 86.7MHz	$10^{-(3/100)(f-80)-1.8+\log(1/4)}\text{mW/MHz}$ or less
5296.7 - 5480MHz	86.7 - 270MHz	2.5μW/MHz or less

W53 Band

below 18MHz bandwidth

Frequency band	Deviation frequency 5260MHz	Limit
5140 - 5233.3MHz	26.7 - 120MHz	2.5μW/MHz orless
5233.3 - 5240MHz	20 - 26.7MHz	$10^{-1.8-(6/50)(f-20)}$ mW/MHz or less
5240 - 5249MHz	11 - 20MHz	$10^{-1-(8/90)(f-11)}$ mW/MHz or less
5249 - 5250MHz	10 - 11MHz	$10^{1-(f-9)}$ mW MHz or less
5350 - 5360MHz	90 - 100MHz	2.5μW MHz orless

between 18MHz to 19MHz bandwidth

Frequency band	Deviation frequency 5260MHz	Limit
5135 - 5233.3MHz	26.7 - 125MHz	2.5μW/MHz orless
5233.3 - 5240MHz	20 - 26.7MHz	$10^{-1.8-(6/50)(f-20)}$ mW/MHz or less
5240 - 5249MHz	11 - 20MHz	$10^{-1-(8/90)(f-11)}$ mW/MHz or less
5249 - 5250MHz	10 - 11MHz	$10^{1-(f-9)}$ mW MHz or less
5350 - 5365MHz	90 - 105MHz	2.5μW MHz orless

approximately 40MHz bandwidth

Frequency band	Deviation frequency 5270MHz	Limit
5100 – 5210MHz	60- 160MHz	2.5μW/MHz orless
5210 – 5221.6MHz	48.4 - 60MHz	2.5μW/MHz orless
5221.6 - 5230MHz	40 – 48.4MHz	$10^{-(3/50)(f-40)-1.8+\log(1/2)}$ mW/MHz or less
5230 - 5249MHz	21 - 40MHz	$10^{-(8/190)(f-21)-1+\log(1/2)}$ mW/MHz or less
5249 – 5250MHz	20 – 21MHz	$10^{-(f-20)+\log(1/2)}$ mW/MHz or less
5350 – 5358.4MHz	80 – 88.4MHz	15μW/MHz orless
5358.4 - 5400MHz	88.4 - 100MHz	2.5μW/MHz orless

approximately 80MHz bandwidth

Frequency band	Deviation frequency 5290MHz	Limit
5020 – 5203.3MHz	86.7- 270MHz	2.5μW/MHz orless
5203.3 - 5210MHz	80 – 86.7MHz	$10^{-(3/100)(f-80)-1.8+\log(1/4)}$ W/MHz orless
5210 - 5249MHz	41 - 80MHz	$10^{-(8/390)(f-41)-1+\log(1/4)}$ mW/MHz or less
5249 - 5250MHz	40 - 41MHz	$10^{-(f-40)+\log(1/4)}$ mW/MHz or less
5350 – 5376.8MHz	60 – 86.8MHz	15μW/MHz or less
5376.8 - 5480MHz	86.8 - 190MHz	2.5μW/MHz orless

W56 Band

approximately 20MHz bandwidth

Frequency band	Limit
5,455-5,460MHz	2.5µW/MHz or less
5,460-5,470MHz	12.5µW/MHz or less
5,725-5,740MHz	12.5µW/MHz or less
5,740-5,745MHz	2.5µW/MHz or less

approximately 40MHz bandwidth

Frequency band	Limit
5,420MHz-5,460MHz	12.5µW/MHz or less
5,460MHz-5,470MHz	50.0µW/MHz or less
5,725MHz-5,760MHz	12.5µW/MHz or less

approximately 80MHz bandwidth

Frequency band	Limit
5,340MHz-5,460MHz	12.5µW/MHz or less
5,460MHz-5,469.5MHz	50.0µW/MHz or less
5,469.5MHz-5,470MHz	51.2µW/MHz or less
5,725MHz-5,800MHz	12.5µW/MHz or less

7.6.2. Test Procedure

Test Method for Radio Equipment mentioned in Certification Regulations Article 2, Item 19-3-2

MIC Notice No.88 Annex45 Clause 7

Test Configuration

Temperature and Voltage Measurement (under normal and extreme test conditions)

**Remarks:**

The spectrum analyzer could be connected to a monopole antenna or directly connected to the EUT, if the EUT has already employing an antenna connector.

7.6.3. TEST RESULT

W52 Band

Band	Mode	Frequency (MHz)	Test Result
W52	802.11a	5180	PASS
		5240	PASS
	802.11n(HT20)	5180	PASS
		5240	PASS
	802.11ac(VHT20)	5180	PASS
		5240	PASS
	802.11ax(HE20)	5180	PASS
		5240	PASS

Band	Mode	Frequency (MHz)	Test Result
W52	802.11n(HT40)	5190	PASS
		5230	PASS
	802.11ac(VHT40)	5190	PASS
		5230	PASS
	802.11ax(HE40)	5190	PASS
		5230	PASS

W53 Band

Band	Mode	Frequency (MHz)	Test Result
W53	802.11a	5260	PASS
		5320	PASS
	802.11n(HT20)	5260	PASS
		5320	PASS
	802.11ac(VHT20)	5260	PASS
		5320	PASS
	802.11ax(HE20)	5260	PASS
		5320	PASS

Band	Mode	Frequency (MHz)	Test Result
W53	802.11n(HT40)	5270	PASS
		5310	PASS
	802.11ac(VHT40)	5270	PASS
		5310	PASS
	802.11ax(HE40)	5270	PASS
		5310	PASS

W56 Band

Band	Mode	Frequency (MHz)	Test Result
W56	802.11a	5500	PASS
		5700	PASS
	802.11n(HT20)	5500	PASS
		5700	PASS
	802.11ac(VHT20)	5500	PASS
		5700	PASS
	802.11ax(HE20)	5500	PASS
		5700	PASS

Band	Mode	Frequency (MHz)	Test Result
W56	802.11n(HT40)	5510	PASS
		5670	PASS
	802.11ac(VHT40)	5510	PASS
		5670	PASS
	802.11ax(HE40)	5510	PASS
		5670	PASS
		5510	PASS
		5670	PASS

7.7. SPURIOUS EMISSIONS OF Rx

7.7.1. Limit

ARIB STD-T71, Clause 3.1.3 (1)

Frequency	Limit
Below 1GHz	54nW(-54dBm) or less
Above1GHz	20nW(-47dBm) or less

7.7.2. Test Procedure

Test Method for Radio Equipment mentioned in Certification Regulations Article 2, Item 19-3-2

MIC Notice No.88 Annex45 Clause 8

7.7.3. Test Configuration

Temperature and Voltage Measurement (under normal and extreme test conditions)



Remarks:

The spectrum analyzer could be connected to a monopole antenna or directly connected to the EUT, if the EUT has already employing an antenna connector.

7.7.4. TEST RESULT

TestCondition	TestMode	Antenna	Frequency[MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11A	Ant1	5180	30~1000	756.17	-79.29	≤-54	0.01178	≤4	PASS
NTNV	11A	Ant1	5180	1000~26000	24899.94	-54.56	≤-47	3.49945	≤20	See table below
NTNV	11A	Ant1	5200	30~1000	740.04	-79.39	≤-54	0.01151	≤4	PASS
NTNV	11A	Ant1	5200	1000~26000	25404.97	-54.10	≤-47	3.89045	≤20	See table below
NTNV	11A	Ant1	5240	30~1000	919.85	-79.21	≤-54	0.01199	≤4	PASS
NTNV	11A	Ant1	5240	1000~26000	24874.94	-54.11	≤-47	3.88150	≤20	See table below
NTNV	11A	Ant1	5260	30~1000	513.06	-79.73	≤-54	0.01064	≤4	PASS
NTNV	11A	Ant1	5280	30~1000	883.48	-79.94	≤-54	0.01014	≤4	PASS
NTNV	11A	Ant1	5280	1000~26000	24857.44	-54.66	≤-47	3.41979	≤20	See table below
NTNV	11A	Ant1	5320	30~1000	884.33	-79.61	≤-54	0.01094	≤4	PASS
NTNV	11A	Ant1	5320	1000~26000	24923.7	-54.14	≤-47	3.85478	≤20	See table below
NTNV	11A	Ant1	5500	30~1000	807.33	-78.56	≤-54	0.01393	≤4	PASS
NTNV	11A	Ant1	5500	1000~26000	24904.95	-54.17	≤-47	3.82825	≤20	See table below
NTNV	11A	Ant1	5580	30~1000	412.30	-78.20	≤-54	0.01514	≤4	PASS
NTNV	11A	Ant1	5580	1000~26000	24733.69	-53.96	≤-47	4.01791	≤20	See table below
NTNV	11A	Ant1	5700	30~1000	642.56	-77.94	≤-54	0.01607	≤4	PASS
NTNV	11A	Ant1	5700	1000~26000	24889.94	-54.86	≤-47	3.26588	≤20	See table below
NTNV	11N20SI SO	Ant1	5180	30~1000	889.06	-79.00	≤-54	0.01259	≤4	PASS
NTNV	11N20SI SO	Ant1	5180	1000~26000	25808.74	-53.56	≤-47	4.40555	≤20	See table below
NTNV	11N20SI SO	Ant1	5200	30~1000	880.21	-79.34	≤-54	0.01164	≤4	PASS
NTNV	11N20SI SO	Ant1	5200	1000~26000	24826.19	-53.68	≤-47	4.28549	≤20	See table below
NTNV	11N20SI SO	Ant1	5240	30~1000	858.14	-78.93	≤-54	0.01279	≤4	PASS
NTNV	11N20SI SO	Ant1	5240	1000~26000	25384.97	-54.75	≤-47	3.34965	≤20	See table below
NTNV	11N20SI SO	Ant1	5260	30~1000	814.12	-78.68	≤-54	0.01355	≤4	PASS
NTNV	11N20SI	Ant1	5260	1000~26000	24859.	-54.45	≤-47	3.5892	≤20	See

	SO				94			2		table below
NTNV	11N20SI SO	Ant1	5280	30~1000	857.90	-79.61	≤-54	0.0109 4	≤4	PASS
NTNV	11N20SI SO	Ant1	5280	1000~26000	25738. 74	-54.81	≤-47	3.3037 0	≤20	See table below
NTNV	11N20SI SO	Ant1	5320	30~1000	923.25	-80.24	≤-54	0.0094 6	≤4	PASS
NTNV	11N20SI SO	Ant1	5320	1000~26000	25396. 22	-54.27	≤-47	3.7411 1	≤20	See table below
NTNV	11N20SI SO	Ant1	5500	30~1000	848.92	-78.99	≤-54	0.0126 2	≤4	PASS
NTNV	11N20SI SO	Ant1	5500	1000~26000	25708. 74	-54.27	≤-47	3.7411 1	≤20	See table below
NTNV	11N20SI SO	Ant1	5580	30~1000	915.49	-79.43	≤-54	0.0114 0	≤4	PASS
NTNV	11N20SI SO	Ant1	5580	1000~26000	25698. 73	-53.06	≤-47	4.9431 1	≤20	See table below
NTNV	11N20SI SO	Ant1	5700	30~1000	903.97	-80.01	≤-54	0.0099 8	≤4	PASS
NTNV	11N20SI SO	Ant1	5700	1000~26000	24962. 45	-54.61	≤-47	3.4593 9	≤20	See table below
NTNV	11N40SI SO	Ant1	5190	30~1000	892.69	-80.03	≤-54	0.0099 3	≤4	PASS
NTNV	11N40SI SO	Ant1	5190	1000~26000	25408. 72	-54.52	≤-47	3.5318 3	≤20	See table below
NTNV	11N40SI SO	Ant1	5230	30~1000	750.47	-79.17	≤-54	0.0121 1	≤4	PASS
NTNV	11N40SI SO	Ant1	5230	1000~26000	24882. 44	-54.35	≤-47	3.6728 2	≤20	See table below
NTNV	11N40SI SO	Ant1	5270	30~1000	931.98	-78.99	≤-54	0.0126 2	≤4	PASS
NTNV	11N40SI SO	Ant1	5270	1000~26000	25907. 5	-53.96	≤-47	4.0179 1	≤20	See table below
NTNV	11N40SI SO	Ant1	5310	30~1000	479.11	-79.73	≤-54	0.0106 4	≤4	PASS
NTNV	11N40SI SO	Ant1	5310	1000~26000	25796. 24	-53.71	≤-47	4.2559 8	≤20	See table below
NTNV	11N40SI SO	Ant1	5510	30~1000	967.26	-78.97	≤-54	0.0126 8	≤4	PASS
NTNV	11N40SI SO	Ant1	5510	1000~26000	24929. 95	-53.26	≤-47	4.7206 3	≤20	See table below
NTNV	11N40SI SO	Ant1	5670	30~1000	766.59	-79.28	≤-54	0.0118 0	≤4	PASS
NTNV	11N40SI SO	Ant1	5670	1000~26000	25411. 22	-53.88	≤-47	4.0926 1	≤20	See table below
NTNV	11AC20S ISO	Ant1	5180	30~1000	782.96	-79.45	≤-54	0.0113 5	≤4	PASS
NTNV	11AC20S ISO	Ant1	5180	1000~26000	25669. 98	-54.10	≤-47	3.8904 5	≤20	See table below
NTNV	11AC20S	Ant1	5200	30~1000	700.51	-79.36	≤-54	0.0115	≤4	PASS

	ISO							9		
NTNV	11AC20S ISO	Ant1	5200	1000~26000	25744. 99	-53.85	≤-47	4.1209 8	≤20	See table below
NTNV	11AC20S ISO	Ant1	5240	30~1000	901.06	-79.43	≤-54	0.0114 0	≤4	PASS
NTNV	11AC20S ISO	Ant1	5240	1000~26000	25541. 23	-54.44	≤-47	3.5974 9	≤20	See table below
NTNV	11AC20S ISO	Ant1	5260	30~1000	465.53	-79.56	≤-54	0.0110 7	≤4	PASS
NTNV	11AC20S ISO	Ant1	5260	1000~26000	24828. 69	-54.20	≤-47	3.8018 9	≤20	See table below
NTNV	11AC20S ISO	Ant1	5280	30~1000	867.96	-79.53	≤-54	0.0111 4	≤4	PASS
NTNV	11AC20S ISO	Ant1	5280	1000~26000	24762. 44	-54.25	≤-47	3.7583 7	≤20	See table below
NTNV	11AC20S ISO	Ant1	5320	30~1000	845.77	-79.49	≤-54	0.0112 5	≤4	PASS
NTNV	11AC20S ISO	Ant1	5320	1000~26000	25874. 99	-54.40	≤-47	3.6307 8	≤20	See table below
NTNV	11AC20S ISO	Ant1	5500	30~1000	899.00	-79.29	≤-54	0.0117 8	≤4	PASS
NTNV	11AC20S ISO	Ant1	5500	1000~26000	25756. 24	-54.15	≤-47	3.8459 2	≤20	See table below
NTNV	11AC20S ISO	Ant1	5580	30~1000	860.81	-79.05	≤-54	0.0124 5	≤4	PASS
NTNV	11AC20S ISO	Ant1	5580	1000~26000	24873. 69	-53.31	≤-47	4.6665 9	≤20	See table below
NTNV	11AC20S ISO	Ant1	5700	30~1000	944.59	-79.66	≤-54	0.0108 1	≤4	PASS
NTNV	11AC20S ISO	Ant1	5700	1000~26000	24878. 69	-54.07	≤-47	3.9174 2	≤20	See table below
NTNV	11AC40S ISO	Ant1	5190	30~1000	885.90	-78.96	≤-54	0.0127 1	≤4	PASS
NTNV	11AC40S ISO	Ant1	5190	1000~26000	25377. 47	-54.20	≤-47	3.8018 9	≤20	See table below
NTNV	11AC40S ISO	Ant1	5230	30~1000	911.85	-79.30	≤-54	0.0117 5	≤4	PASS
NTNV	11AC40S ISO	Ant1	5230	1000~26000	24927. 45	-54.03	≤-47	3.9536 7	≤20	See table below
NTNV	11AC40S ISO	Ant1	5270	30~1000	904.09	-79.45	≤-54	0.0113 5	≤4	PASS
NTNV	11AC40S ISO	Ant1	5270	1000~26000	25756. 24	-52.39	≤-47	5.7676 6	≤20	See table below
NTNV	11AC40S ISO	Ant1	5310	30~1000	930.28	-79.83	≤-54	0.0104 0	≤4	PASS
NTNV	11AC40S ISO	Ant1	5310	1000~26000	25689. 98	-53.59	≤-47	4.3752 2	≤20	See table below
NTNV	11AC40S ISO	Ant1	5510	30~1000	910.64	-79.35	≤-54	0.0116 1	≤4	PASS
NTNV	11AC40S ISO	Ant1	5510	1000~26000	25752. 49	-52.97	≤-47	5.0466 1	≤20	See table

										below
NTNV	11AC40S ISO	Ant1	5670	30~1000	862.02	-78.25	≤-54	0.0149 6	≤4	PASS
NTNV	11AC40S ISO	Ant1	5670	1000~26000	24809. 94	-53.55	≤-47	4.4157 0	≤20	See table below
NTNV	11AX20S ISO	Ant1	5180	30~1000	899.97	-79.69	≤-54	0.0107 4	≤4	PASS
NTNV	11AX20S ISO	Ant1	5180	1000~26000	24892. 44	-54.40	≤-47	3.6307 8	≤20	See table below
NTNV	11AX20S ISO	Ant1	5200	30~1000	834.01	-79.67	≤-54	0.0107 9	≤4	PASS
NTNV	11AX20S ISO	Ant1	5200	1000~26000	24803. 69	-54.34	≤-47	3.6812 9	≤20	See table below
NTNV	11AX20S ISO	Ant1	5240	30~1000	789.27	-79.55	≤-54	0.0110 9	≤4	PASS
NTNV	11AX20S ISO	Ant1	5240	1000~26000	24806. 19	-54.03	≤-47	3.9536 7	≤20	See table below
NTNV	11AX20S ISO	Ant1	5260	30~1000	909.55	-80.19	≤-54	0.0095 7	≤4	PASS
NTNV	11AX20S ISO	Ant1	5260	1000~26000	25623. 73	-54.97	≤-47	3.1842 0	≤20	See table below
NTNV	11AX20S ISO	Ant1	5280	30~1000	872.45	-79.62	≤-54	0.0109 1	≤4	PASS
NTNV	11AX20S ISO	Ant1	5280	1000~26000	25336. 22	-54.16	≤-47	3.8370 7	≤20	See table below
NTNV	11AX20S ISO	Ant1	5320	30~1000	718.70	-79.52	≤-54	0.0111 7	≤4	PASS
NTNV	11AX20S ISO	Ant1	5320	1000~26000	25397. 47	-53.92	≤-47	4.0550 9	≤20	See table below
NTNV	11AX20S ISO	Ant1	5500	30~1000	959.75	-78.56	≤-54	0.0139 3	≤4	PASS
NTNV	11AX20S ISO	Ant1	5500	1000~26000	25696. 23	-53.43	≤-47	4.5394 2	≤20	See table below
NTNV	11AX20S ISO	Ant1	5580	30~1000	823.46	-79.51	≤-54	0.0111 9	≤4	PASS
NTNV	11AX20S ISO	Ant1	5580	1000~26000	24841. 19	-53.52	≤-47	4.4463 1	≤20	See table below
NTNV	11AX20S ISO	Ant1	5700	30~1000	924.70	-79.71	≤-54	0.0106 9	≤4	PASS
NTNV	11AX20S ISO	Ant1	5700	1000~26000	25459. 97	-53.96	≤-47	4.0179 1	≤20	See table below
NTNV	11AX40S ISO	Ant1	5190	30~1000	951.86	-79.11	≤-54	0.0122 7	≤4	PASS
NTNV	11AX40S ISO	Ant1	5190	1000~26000	25769. 99	-54.21	≤-47	3.7931 5	≤20	See table below
NTNV	11AX40S ISO	Ant1	5230	30~1000	743.80	-79.48	≤-54	0.0112 7	≤4	PASS
NTNV	11AX40S ISO	Ant1	5230	1000~26000	25118. 71	-54.27	≤-47	3.7411 1	≤20	See table below
NTNV	11AX40S ISO	Ant1	5270	30~1000	915.61	-79.01	≤-54	0.0125 6	≤4	PASS

NTNV	11AX40S ISO	Ant1	5270	1000~26000	25313.72	-54.16	≤-47	3.83707	≤20	See table below
NTNV	11AX40S ISO	Ant1	5310	30~1000	976.11	-79.92	≤-54	0.01019	≤4	PASS
NTNV	11AX40S ISO	Ant1	5310	1000~26000	25399.97	-54.54	≤-47	3.51560	≤20	See table below
NTNV	11AX40S ISO	Ant1	5510	30~1000	782.24	-79.21	≤-54	0.01199	≤4	PASS
NTNV	11AX40S ISO	Ant1	5510	1000~26000	25354.97	-53.90	≤-47	4.07380	≤20	See table below
NTNV	11AX40S ISO	Ant1	5670	30~1000	724.52	-78.51	≤-54	0.01409	≤4	PASS
NTNV	11AX40S ISO	Ant1	5670	1000~26000	24872.44	-53.87	≤-47	4.10204	≤20	See table below

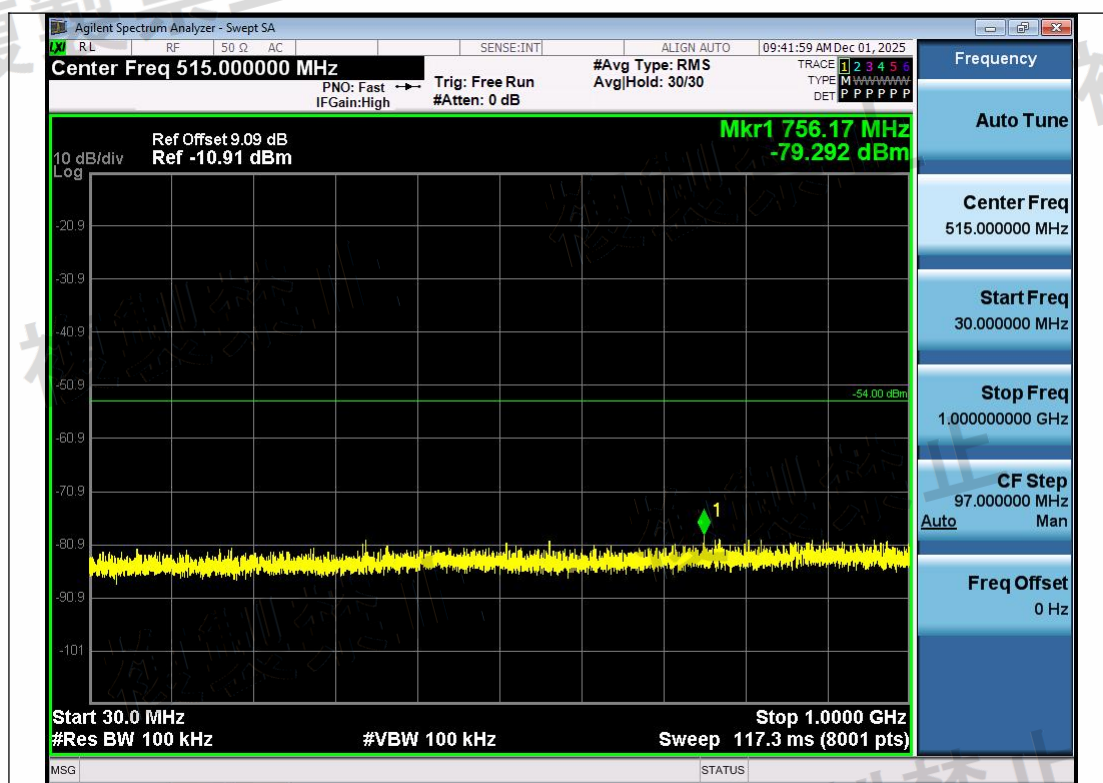
Step2

TestCondition	TestMode	Antenna	Frequency[MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11A	Ant1	5180	24653.68	-71.11	≤-47	0.07745	≤20	PASS
NTNV	11A	Ant1	5180	24731.19	-70.58	≤-47	0.08750	≤20	PASS
NTNV	11A	Ant1	5180	24782.44	-69.88	≤-47	0.10280	≤20	PASS
NTNV	11A	Ant1	5180	24899.94	-69.77	≤-47	0.10544	≤20	PASS
NTNV	11A	Ant1	5180	24969.95	-70.02	≤-47	0.09954	≤20	PASS
NTNV	11A	Ant1	5180	25018.70	-70.67	≤-47	0.08570	≤20	PASS
NTNV	11A	Ant1	5180	25058.70	-70.87	≤-47	0.08185	≤20	PASS
NTNV	11A	Ant1	5200	24208.66	-70.93	≤-47	0.08072	≤20	PASS
NTNV	11A	Ant1	5200	24359.92	-70.81	≤-47	0.08299	≤20	PASS
NTNV	11A	Ant1	5200	24702.44	-70.36	≤-47	0.09204	≤20	PASS
NTNV	11A	Ant1	5200	24716.19	-70.21	≤-47	0.09528	≤20	PASS
NTNV	11A	Ant1	5200	24747.44	-70.15	≤-47	0.09661	≤20	PASS
NTNV	11A	Ant1	5200	24758.69	-70.03	≤-47	0.09931	≤20	PASS
NTNV	11A	Ant1	5200	24799.94	-70.02	≤-47	0.09954	≤20	PASS
NTNV	11A	Ant1	5200	24998.70	-70.25	≤-47	0.09441	≤20	PASS
NTNV	11A	Ant1	5200	25011.20	-70.53	≤-47	0.08851	≤20	PASS
NTNV	11A	Ant1	5200	25038.70	-70.70	≤-47	0.08511	≤20	PASS
NTNV	11A	Ant1	5200	25052.45	-70.82	≤-47	0.08279	≤20	PASS
NTNV	11A	Ant1	5200	25071.20	-70.76	≤-47	0.08395	≤20	PASS
NTNV	11A	Ant1	5200	25097.45	-70.68	≤-47	0.08551	≤20	PASS

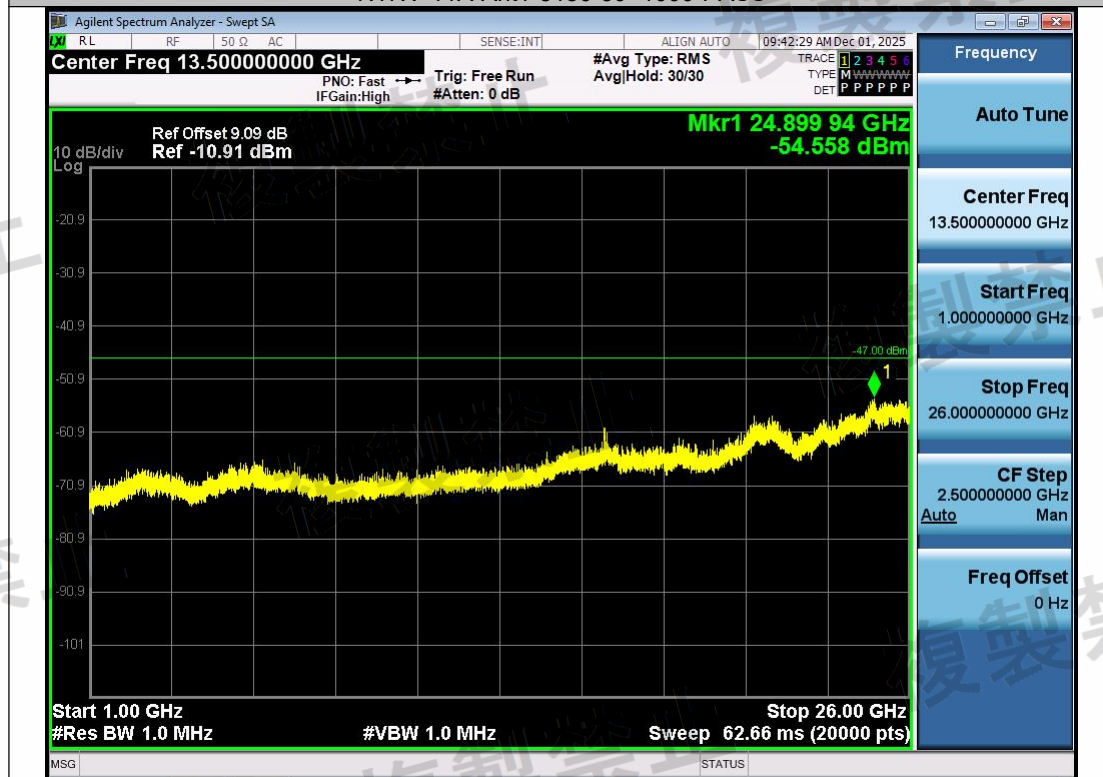
NTNV	11A	Ant1	5280	24394.92	-71.09	≤-47	0.0778 0	≤20	PASS
NTNV	11A	Ant1	5320	2463.82	-67.42	≤-47	0.1811 3	≤20	PASS
NTNV	11A	Ant1	5320	24088.65	-71.11	≤-47	0.0774 5	≤20	PASS
NTNV	11A	Ant1	5320	24259.91	-70.67	≤-47	0.0857 0	≤20	PASS
NTNV	11A	Ant1	5500	24197.41	-70.71	≤-47	0.0849 2	≤20	PASS
NTNV	11A	Ant1	5500	24437.42	-70.81	≤-47	0.0829 9	≤20	PASS
NTNV	11A	Ant1	5500	24679.93	-70.43	≤-47	0.0905 7	≤20	PASS
NTNV	11A	Ant1	5500	24697.43	-70.75	≤-47	0.0841 4	≤20	PASS
NTNV	11A	Ant1	5500	24769.94	-70.09	≤-47	0.0979 5	≤20	PASS
NTNV	11A	Ant1	5500	24788.69	-69.96	≤-47	0.1009 3	≤20	PASS
NTNV	11A	Ant1	5500	24904.95	-69.93	≤-47	0.1016 2	≤20	PASS
NTNV	11A	Ant1	5500	24944.95	-69.90	≤-47	0.1023 3	≤20	PASS
NTNV	11A	Ant1	5500	24978.70	-70.28	≤-47	0.0937 6	≤20	PASS
NTNV	11A	Ant1	5500	25003.70	-70.19	≤-47	0.0957 2	≤20	PASS
NTNV	11A	Ant1	5500	25017.45	-70.31	≤-47	0.0931 1	≤20	PASS
NTNV	11A	Ant1	5500	25037.45	-70.44	≤-47	0.0903 6	≤20	PASS
NTNV	11A	Ant1	5580	24176.16	-70.23	≤-47	0.0948 4	≤20	PASS
NTNV	11A	Ant1	5700	24314.92	-71.07	≤-47	0.0781 6	≤20	PASS
NTNV	11N20SI SO	Ant1	5180	24778.69	-70.18	≤-47	0.0959 4	≤20	PASS
NTNV	11N20SI SO	Ant1	5200	23987.40	-70.98	≤-47	0.0798 0	≤20	PASS
NTNV	11N20SI SO	Ant1	5240	24683.68	-70.92	≤-47	0.0809 1	≤20	PASS
NTNV	11N20SI SO	Ant1	5260	24506.18	-71.13	≤-47	0.0770 9	≤20	PASS
NTNV	11N20SI SO	Ant1	5280	24121.16	-70.99	≤-47	0.0796 2	≤20	PASS
NTNV	11N20SI SO	Ant1	5320	24738.69	-70.68	≤-47	0.0855 1	≤20	PASS
NTNV	11N20SI SO	Ant1	5500	24196.16	-70.25	≤-47	0.0944 1	≤20	PASS
NTNV	11N20SI SO	Ant1	5500	24264.91	-70.32	≤-47	0.0929 0	≤20	PASS
NTNV	11N20SI SO	Ant1	5580	23337.37	-71.01	≤-47	0.0792 5	≤20	PASS
NTNV	11N20SI SO	Ant1	5700	24206.16	-70.57	≤-47	0.0877 0	≤20	PASS
NTNV	11N40SI SO	Ant1	5310	24042.40	-71.36	≤-47	0.0731 1	≤20	PASS
NTNV	11N40SI SO	Ant1	5510	21742.29	-71.46	≤-47	0.0714 5	≤20	PASS
NTNV	11AC20S ISO	Ant1	5200	24171.16	-70.58	≤-47	0.0875 0	≤20	PASS
NTNV	11AC20S	Ant1	5240	24618.68	-70.76	≤-47	0.0839	≤20	PASS

NTNV	ISO 11AC20S ISO	Ant1	5280	24634.93	-71.31	≤-47	5 0.0739 6	≤20	PASS
NTNV	11AC20S ISO	Ant1	5280	24688.68	-70.85	≤-47	0.0822 2	≤20	PASS
NTNV	11AC20S ISO	Ant1	5280	24748.69	-70.45	≤-47	0.0901 6	≤20	PASS
NTNV	11AC20S ISO	Ant1	5320	24061.15	-71.28	≤-47	0.0744 7	≤20	PASS
NTNV	11AC20S ISO	Ant1	5500	24204.91	-70.18	≤-47	0.0959 4	≤20	PASS
NTNV	11AC20S ISO	Ant1	5580	24134.91	-70.21	≤-47	0.0952 8	≤20	PASS
NTNV	11AC20S ISO	Ant1	5700	24447.42	-71.17	≤-47	0.0763 8	≤20	PASS
NTNV	11AC40S ISO	Ant1	5190	24124.91	-70.73	≤-47	0.0845 3	≤20	PASS
NTNV	11AC40S ISO	Ant1	5230	24164.91	-70.65	≤-47	0.0861 0	≤20	PASS
NTNV	11AC40S ISO	Ant1	5270	24578.68	-70.98	≤-47	0.0798 0	≤20	PASS
NTNV	11AC40S ISO	Ant1	5270	24726.19	-70.67	≤-47	0.0857 0	≤20	PASS
NTNV	11AC40S ISO	Ant1	5270	24747.44	-70.37	≤-47	0.0918 3	≤20	PASS
NTNV	11AC40S ISO	Ant1	5270	24763.69	-70.14	≤-47	0.0968 3	≤20	PASS
NTNV	11AC40S ISO	Ant1	5310	24248.66	-70.69	≤-47	0.0853 1	≤20	PASS
NTNV	11AC40S ISO	Ant1	5310	24591.18	-71.13	≤-47	0.0770 9	≤20	PASS
NTNV	11AC40S ISO	Ant1	5510	24176.16	-70.27	≤-47	0.0939 7	≤20	PASS
NTNV	11AC40S ISO	Ant1	5510	24296.16	-70.34	≤-47	0.0924 7	≤20	PASS
NTNV	11AC40S ISO	Ant1	5670	24101.16	-70.59	≤-47	0.0873 0	≤20	PASS
NTNV	11AC40S ISO	Ant1	5670	24183.66	-70.25	≤-47	0.0944 1	≤20	PASS
NTNV	11AX20S ISO	Ant1	5180	24428.67	-71.08	≤-47	0.0779 8	≤20	PASS
NTNV	11AX20S ISO	Ant1	5180	24694.93	-70.69	≤-47	0.0853 1	≤20	PASS
NTNV	11AX20S ISO	Ant1	5200	21747.29	-71.67	≤-47	0.0680 8	≤20	PASS
NTNV	11AX20S ISO	Ant1	5240	24219.91	-71.02	≤-47	0.0790 7	≤20	PASS
NTNV	11AX20S ISO	Ant1	5260	24047.40	-71.15	≤-47	0.0767 4	≤20	PASS
NTNV	11AX20S ISO	Ant1	5280	24158.66	-70.75	≤-47	0.0841 4	≤20	PASS
NTNV	11AX20S ISO	Ant1	5320	24276.16	-70.75	≤-47	0.0841 4	≤20	PASS
NTNV	11AX20S ISO	Ant1	5500	24211.16	-70.75	≤-47	0.0841 4	≤20	PASS
NTNV	11AX20S ISO	Ant1	5700	24184.91	-70.63	≤-47	0.0865 0	≤20	PASS
NTNV	11AX40S ISO	Ant1	5190	24474.92	-71.01	≤-47	0.0792 5	≤20	PASS
NTNV	11AX40S ISO	Ant1	5230	24172.41	-70.60	≤-47	0.0871 0	≤20	PASS
NTNV	11AX40S ISO	Ant1	5270	24212.41	-71.05	≤-47	0.0785 2	≤20	PASS

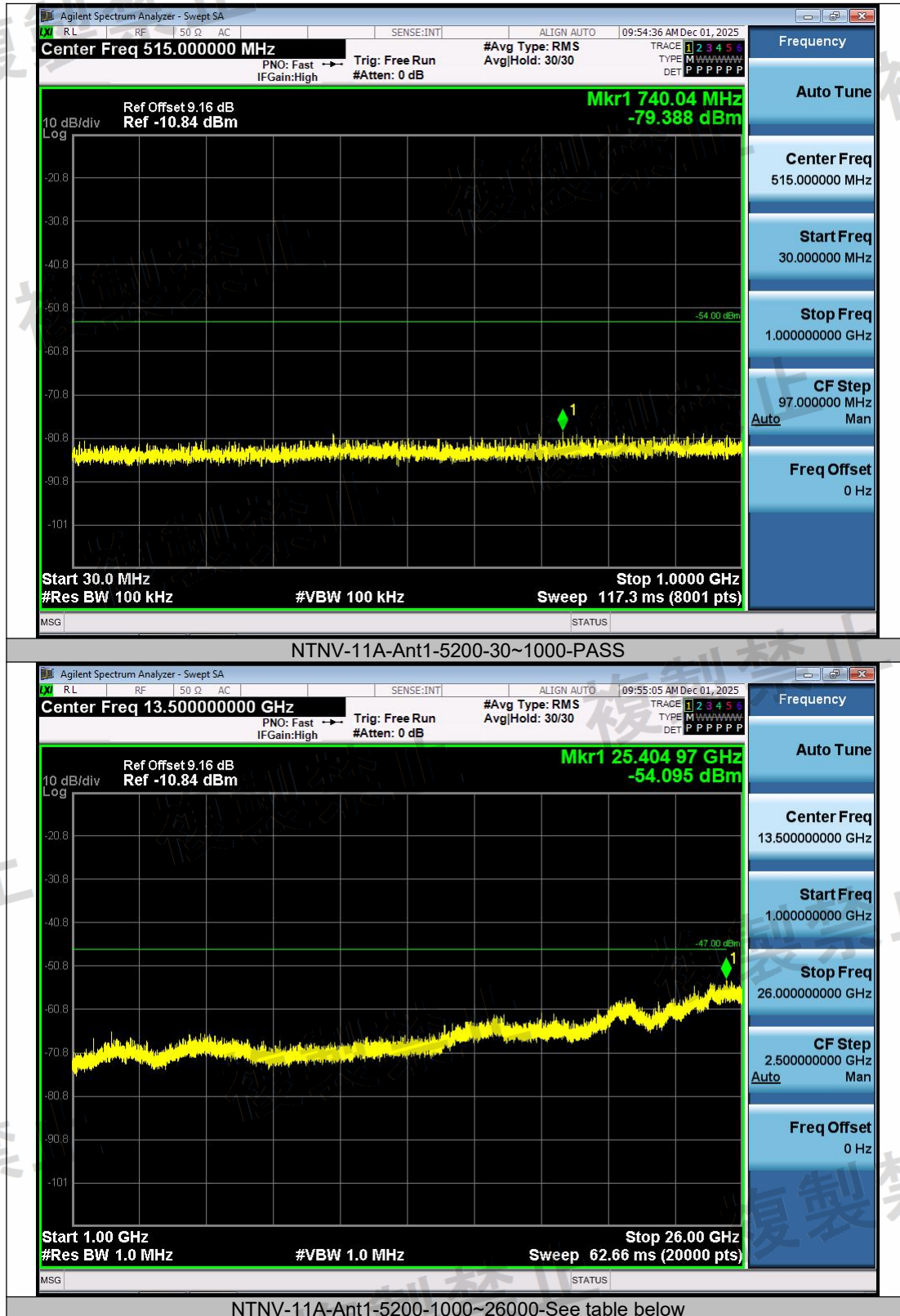
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NTNV	11AX40S ISO	Ant1	5510	24012.40	-70.98	≤-47	0.0798 0	≤20	PASS
NTNV	11AX40S ISO	Ant1	5670	24177.41	-70.30	≤-47	0.0933 3	≤20	PASS

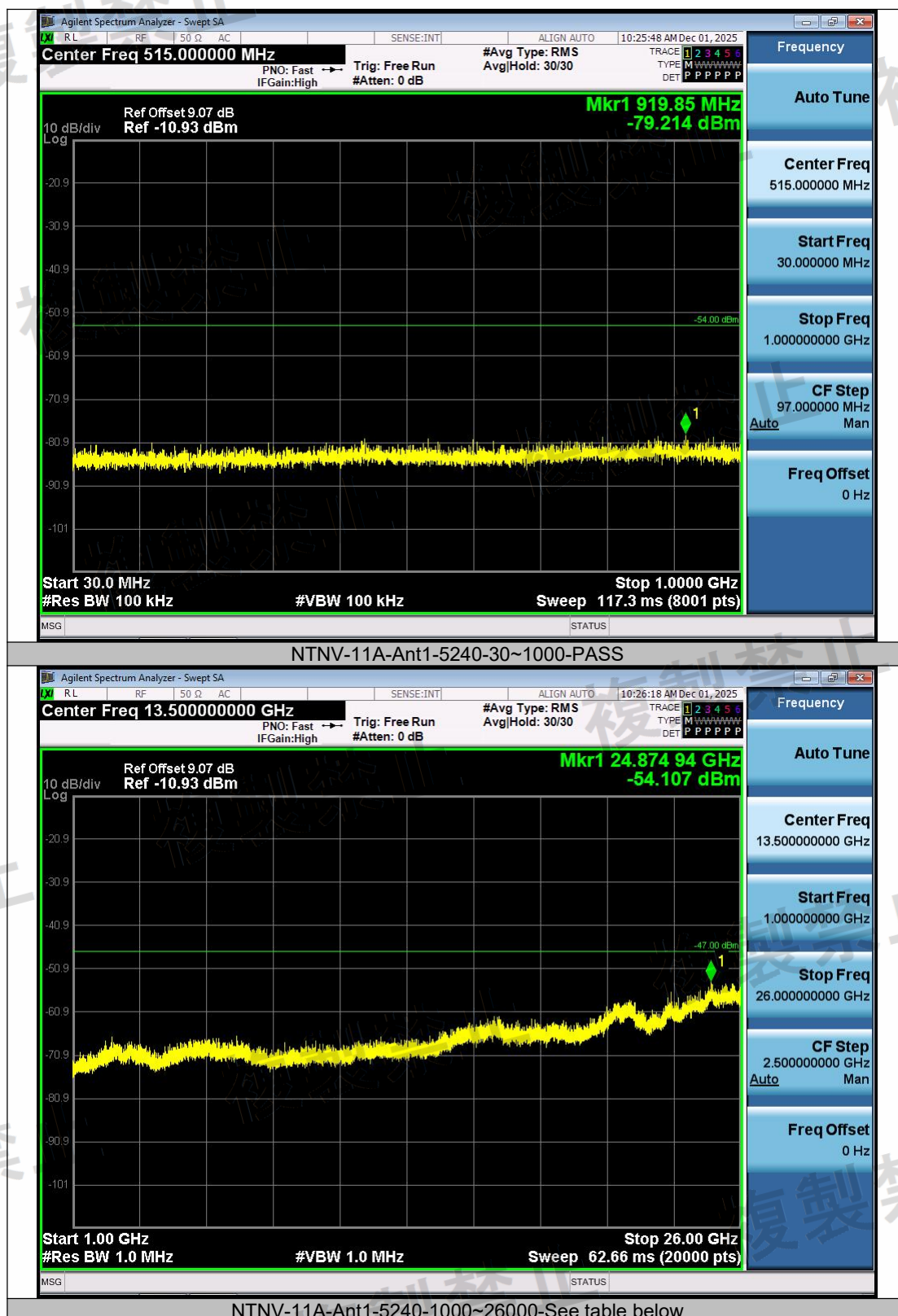


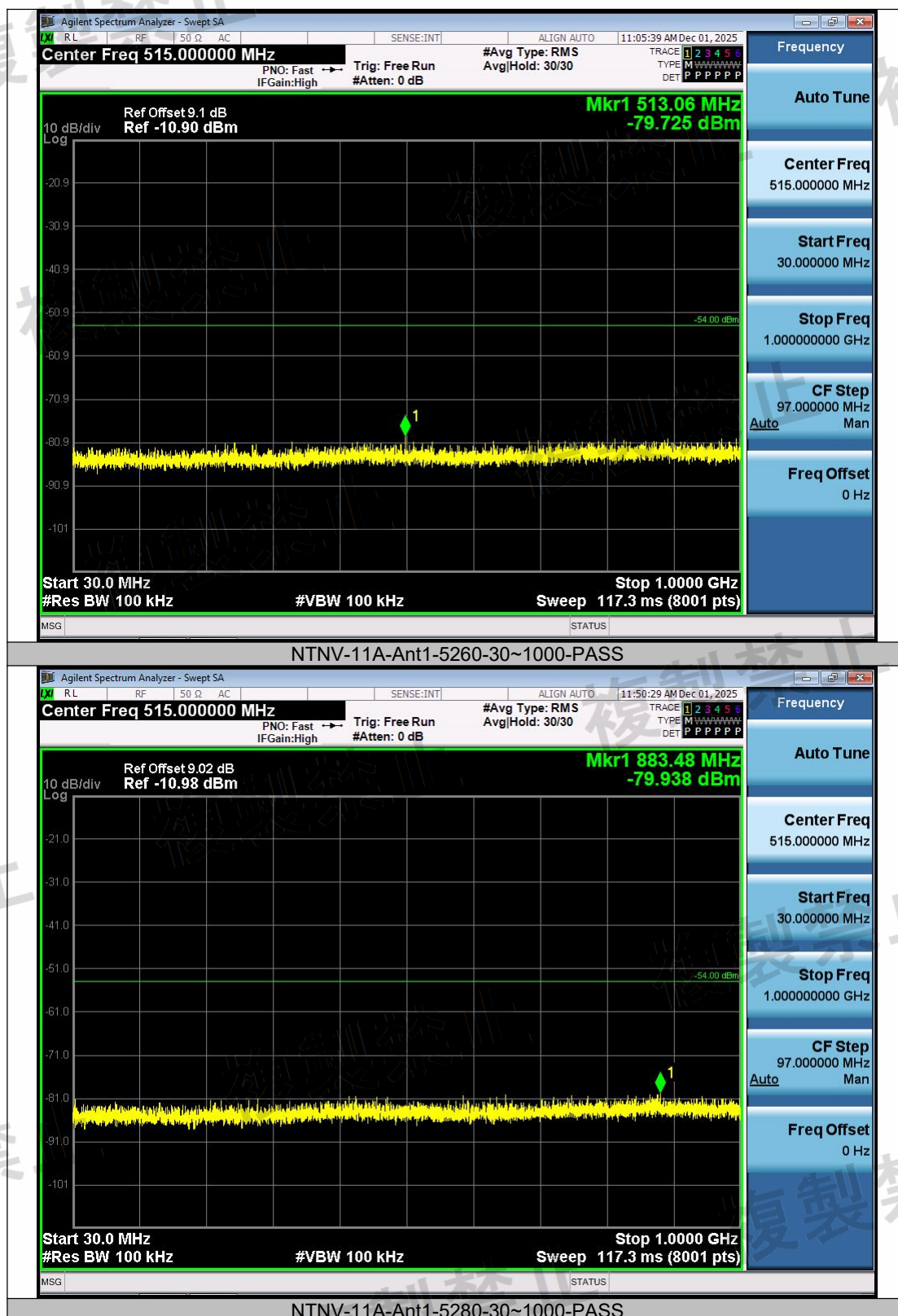
NTNV-11A-Ant1-5180-30~1000-PASS

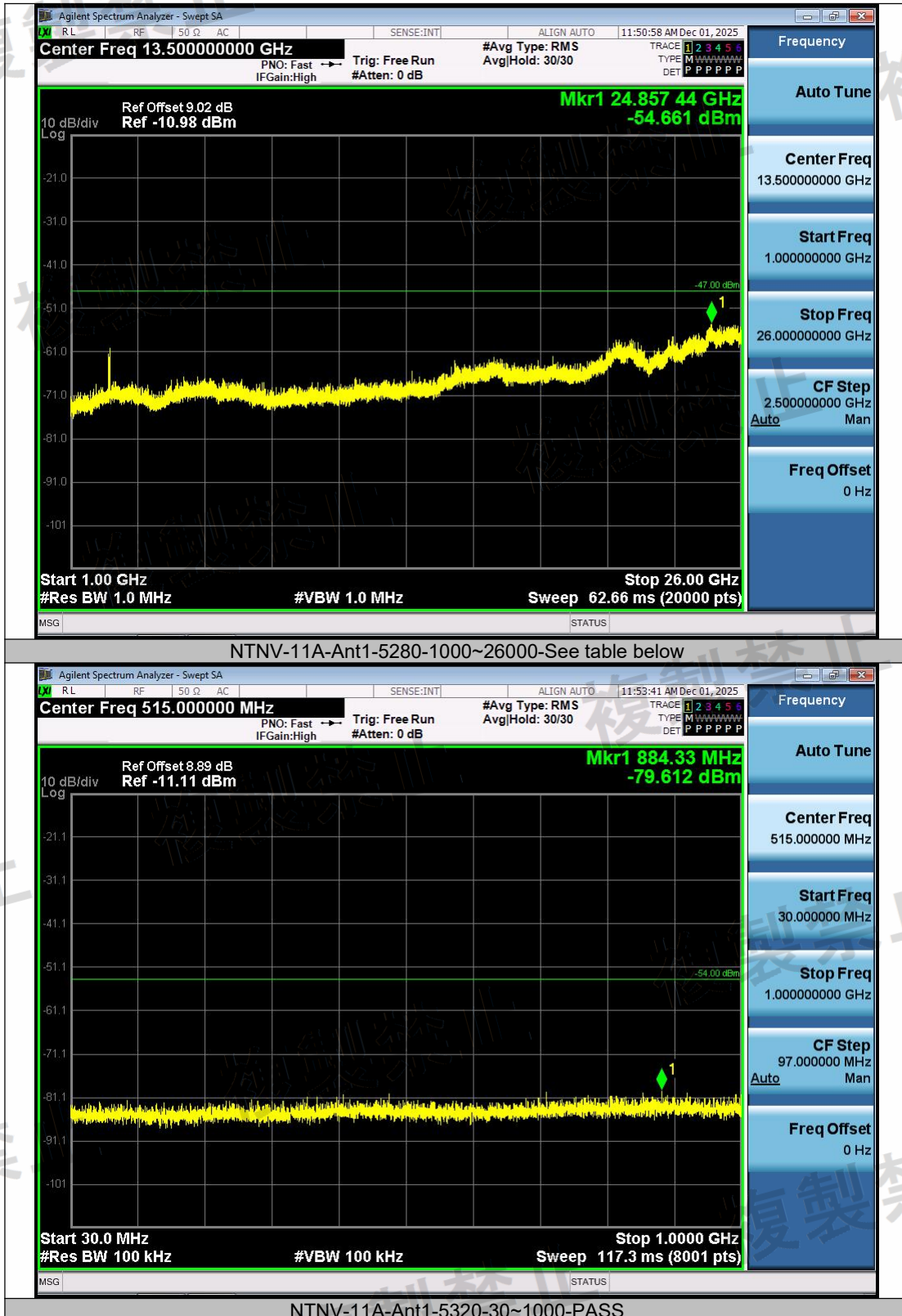


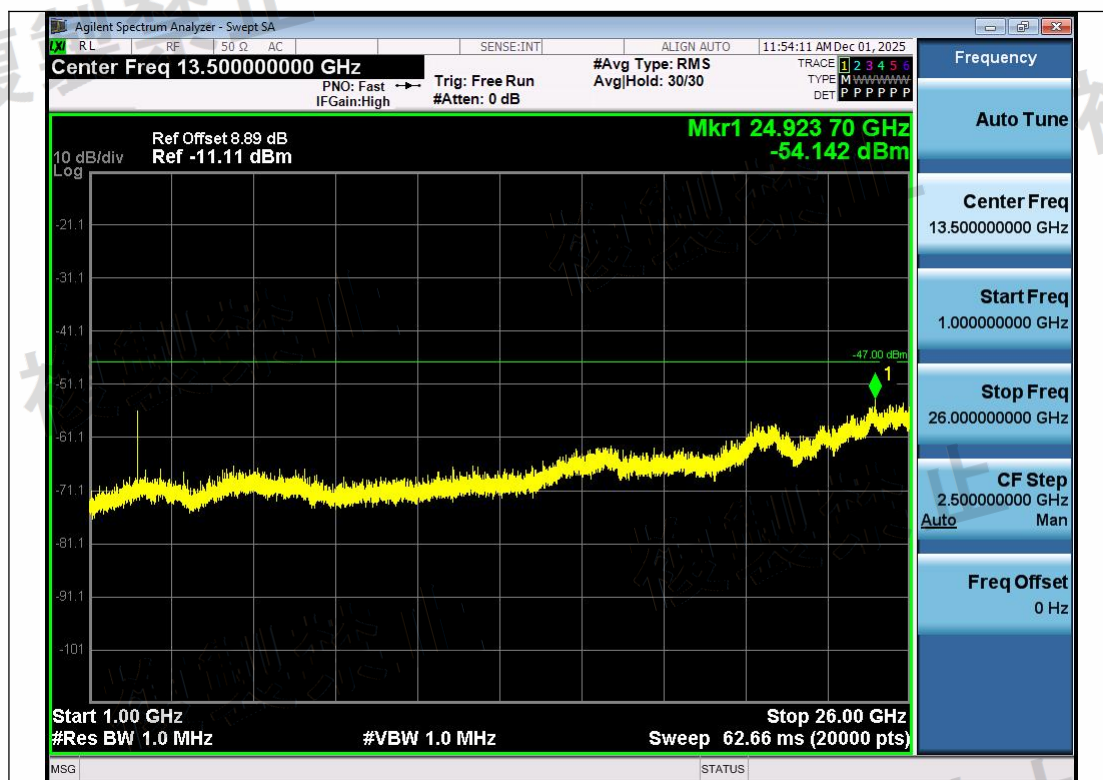
NTNV-11A-Ant1-5180-1000~26000-See table below



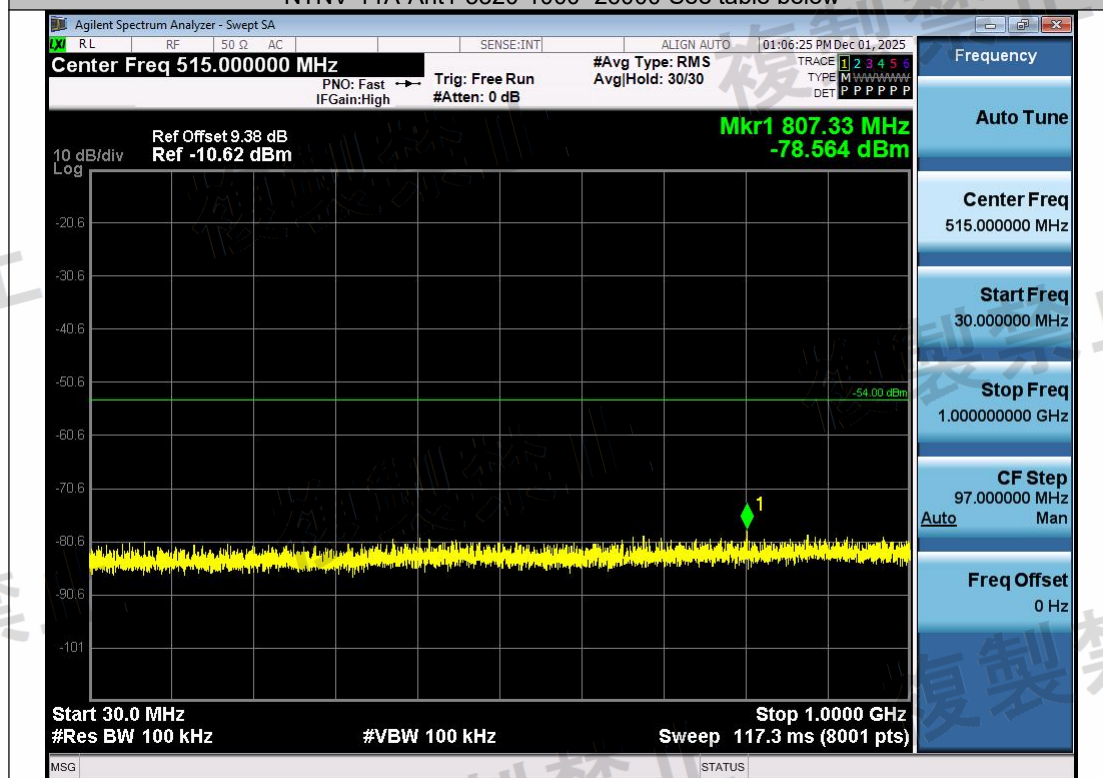




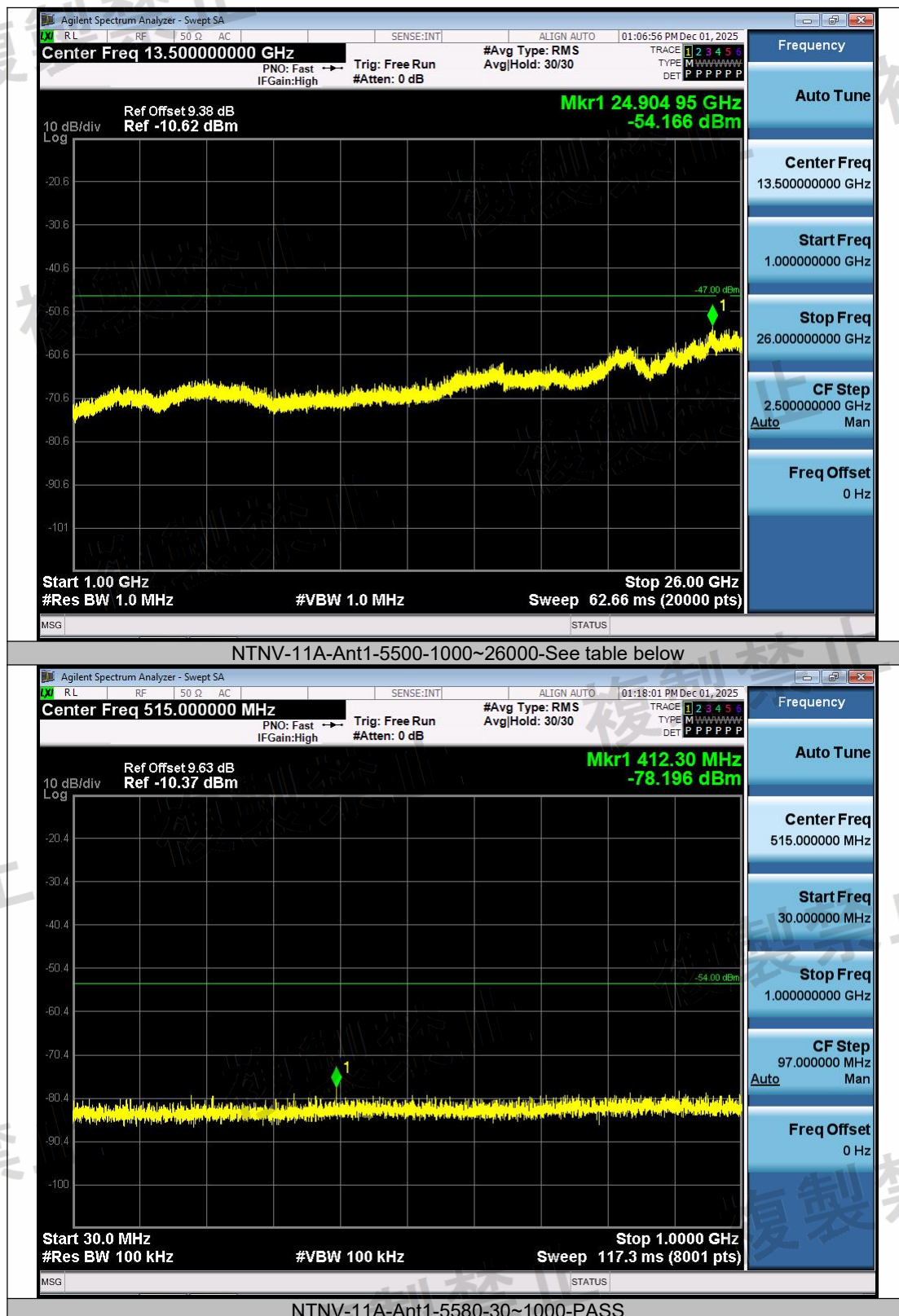


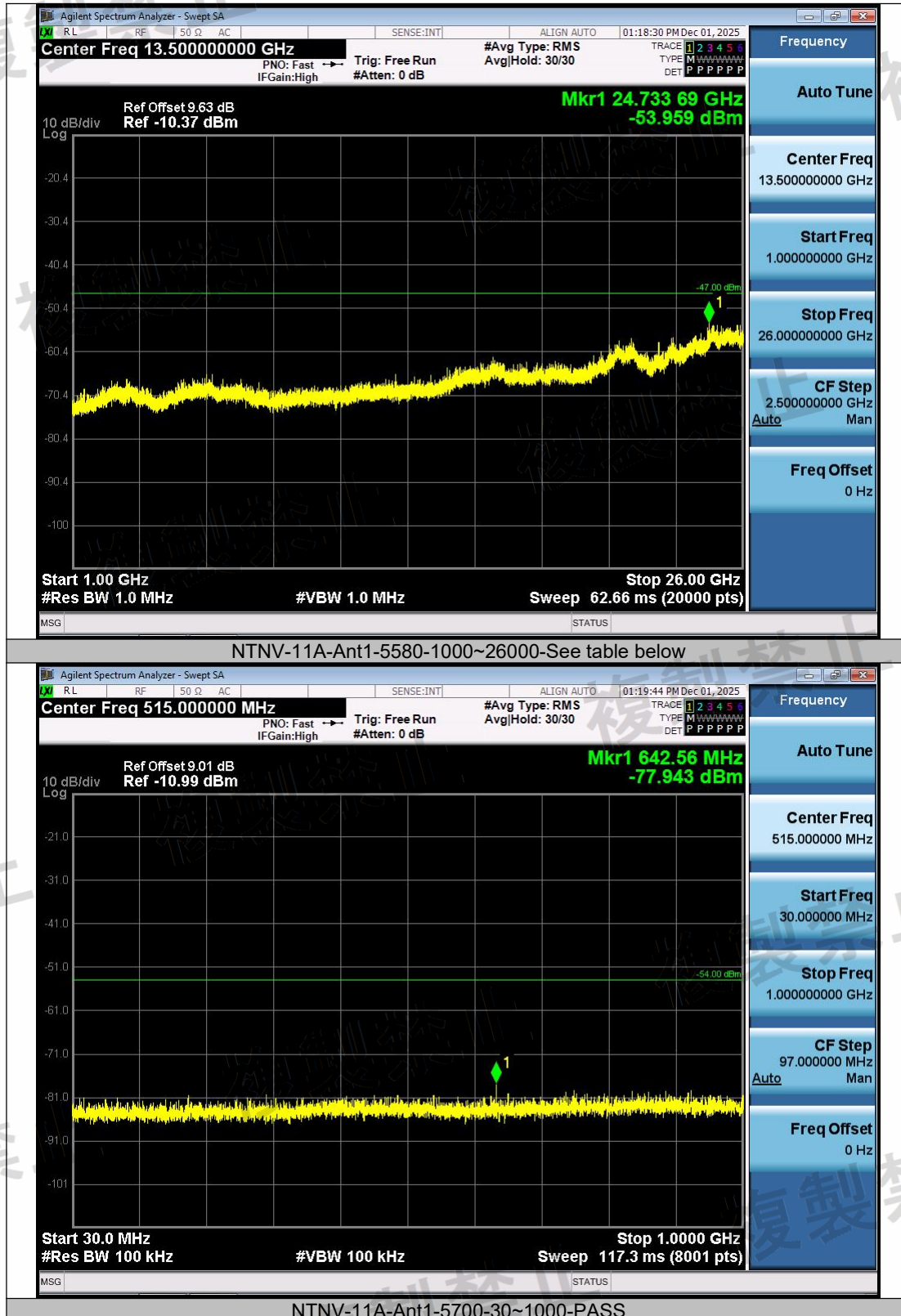


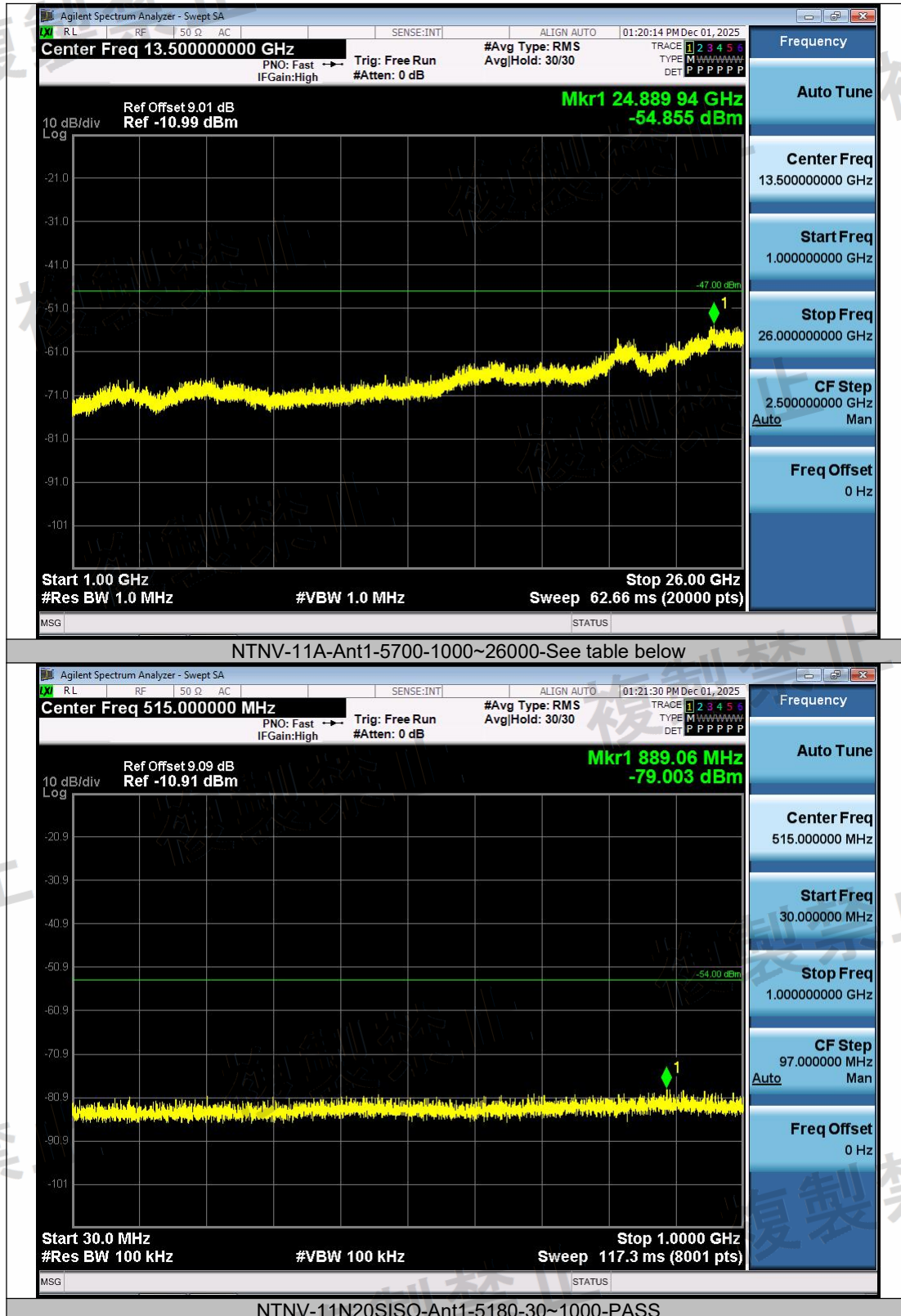
NTNV-11A-Ant1-5320-1000~26000-See table below

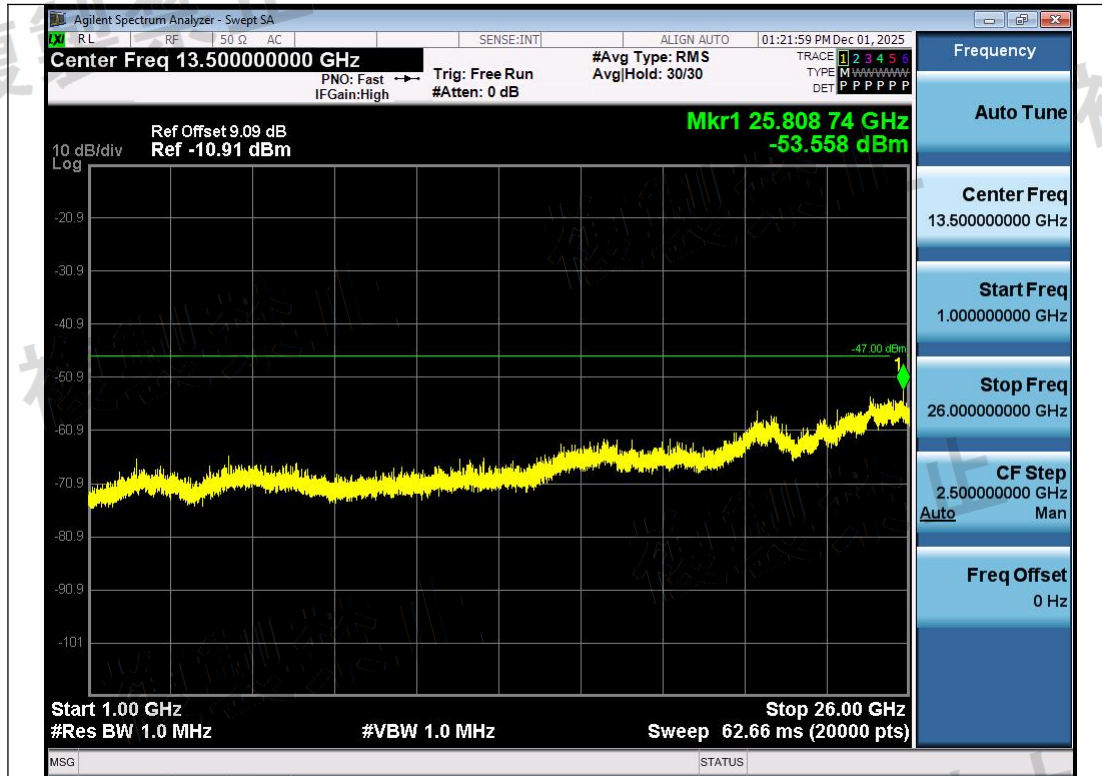


NTNV-11A-Ant1-5500-30~1000-PASS

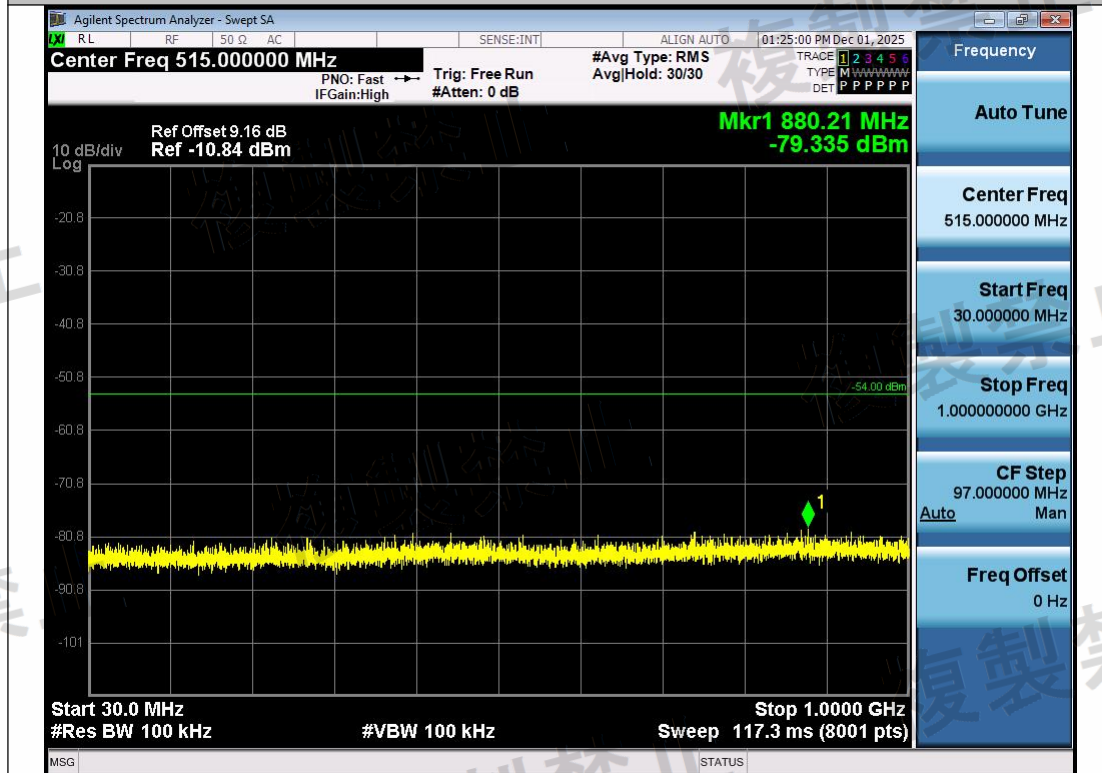




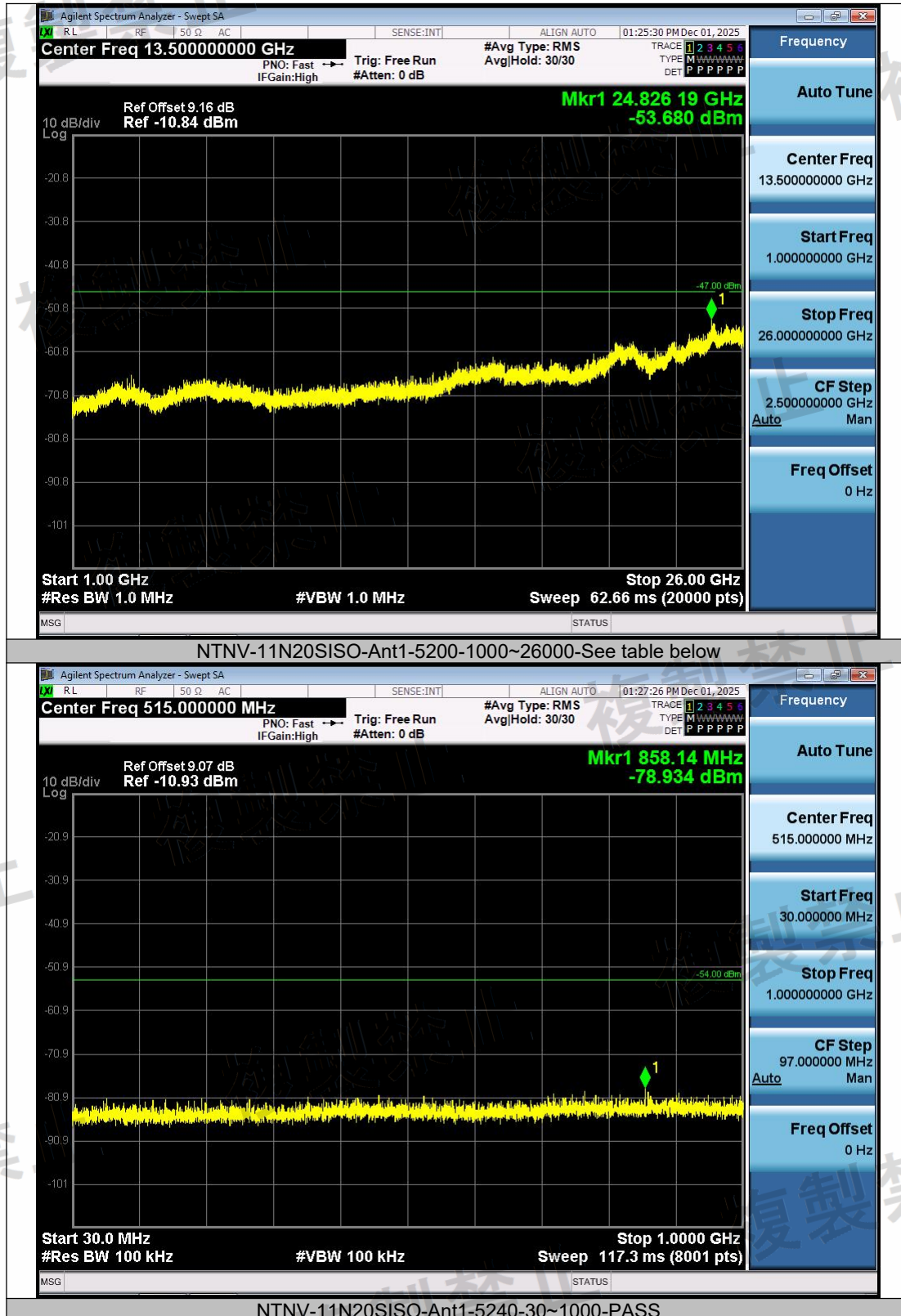




NTNV-11N20SISO-Ant1-5180-1000~26000-See table below

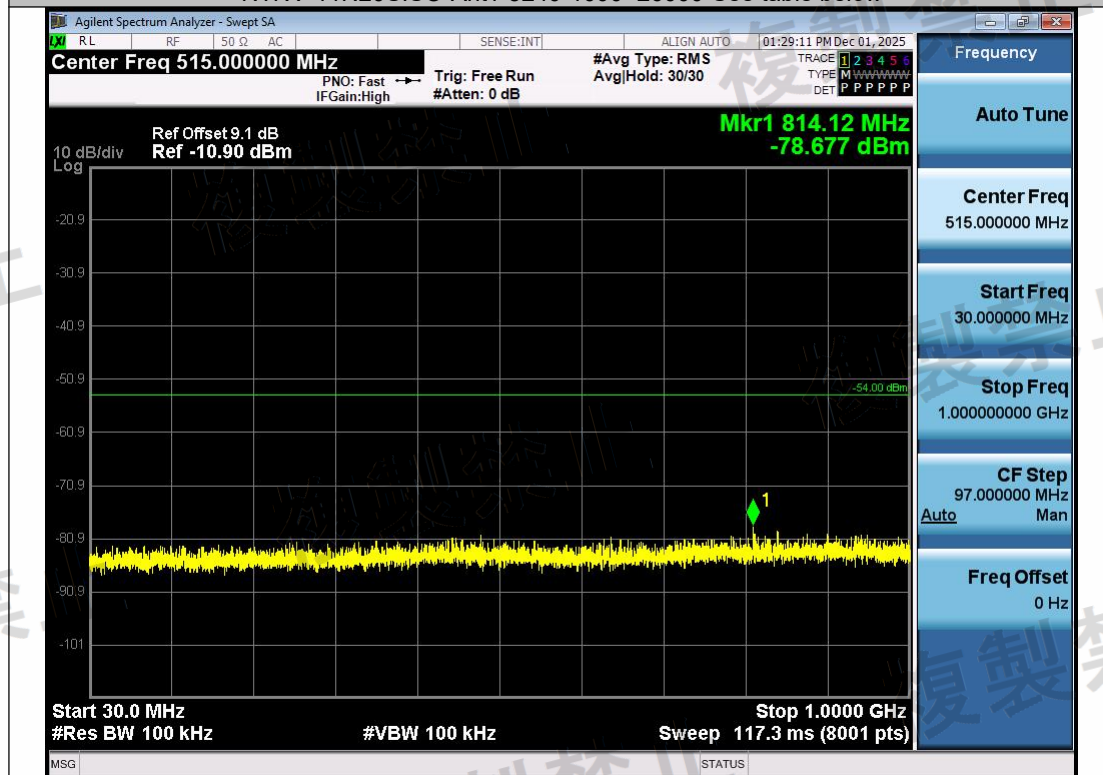


NTNV-11N20SISO-Ant1-5200-30~1000-PASS





NTNV-11N20SISO-Ant1-5240-1000~26000-See table below



NTNV-11N20SISO-Ant1-5260-30~1000-PASS