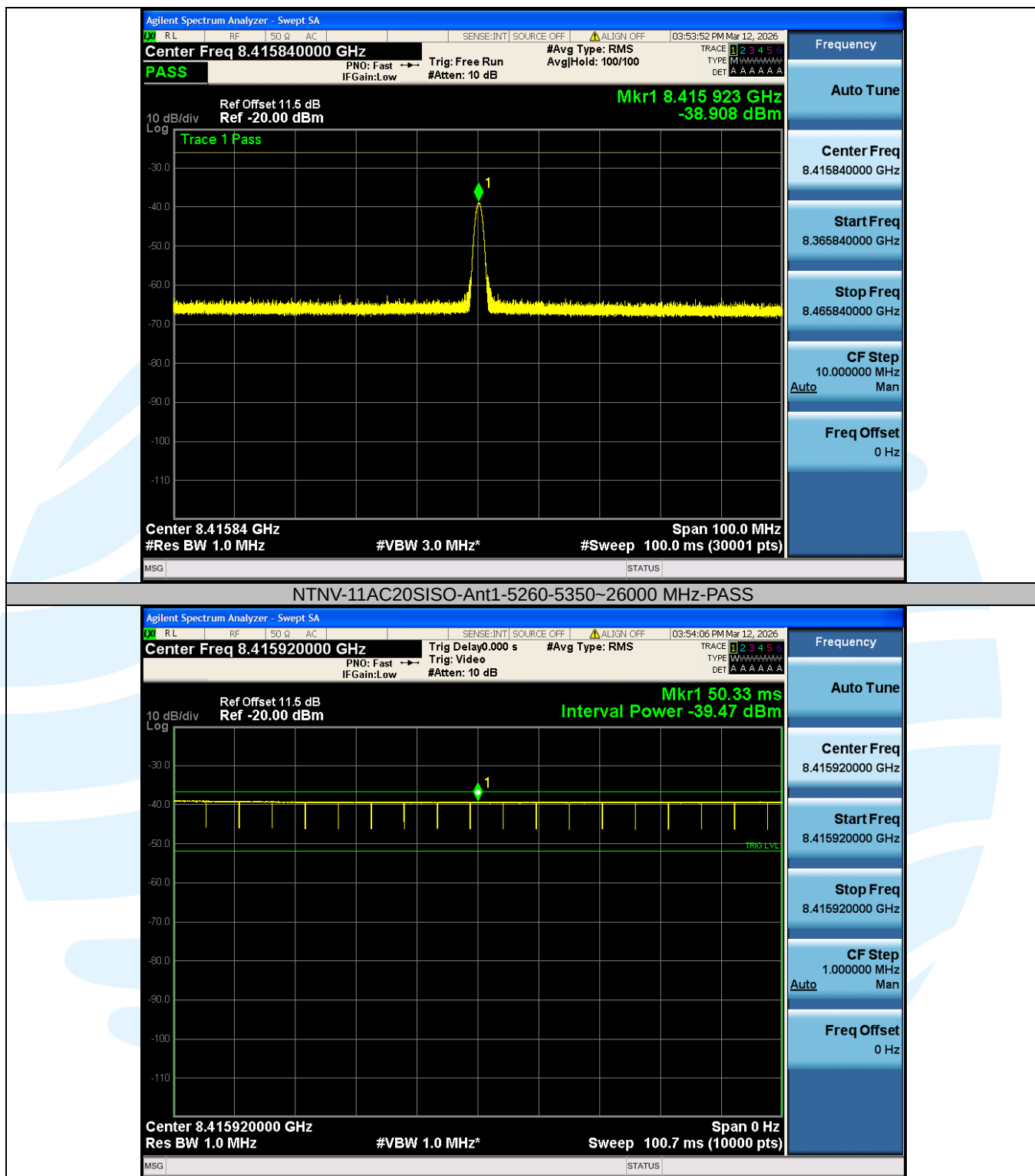




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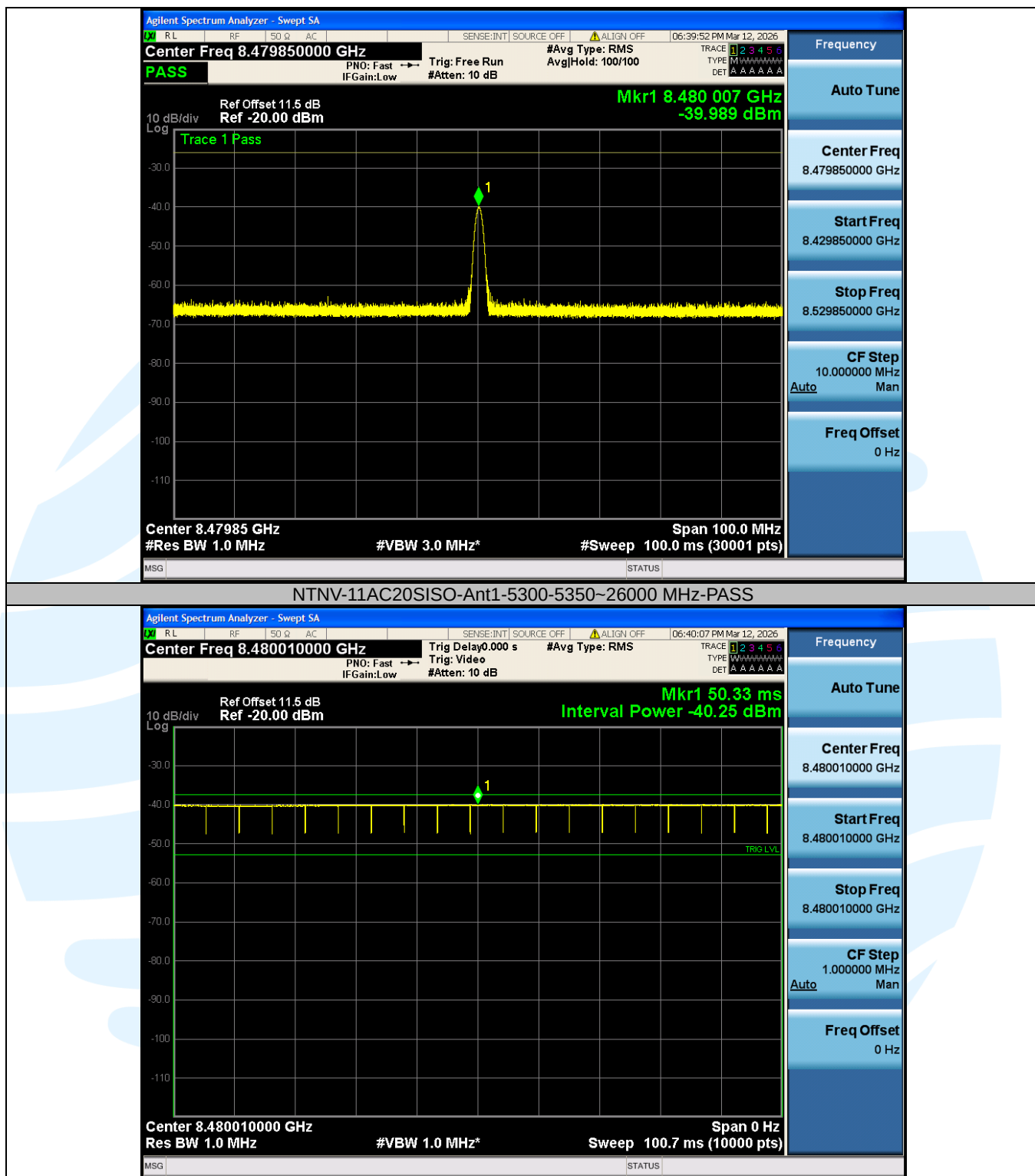
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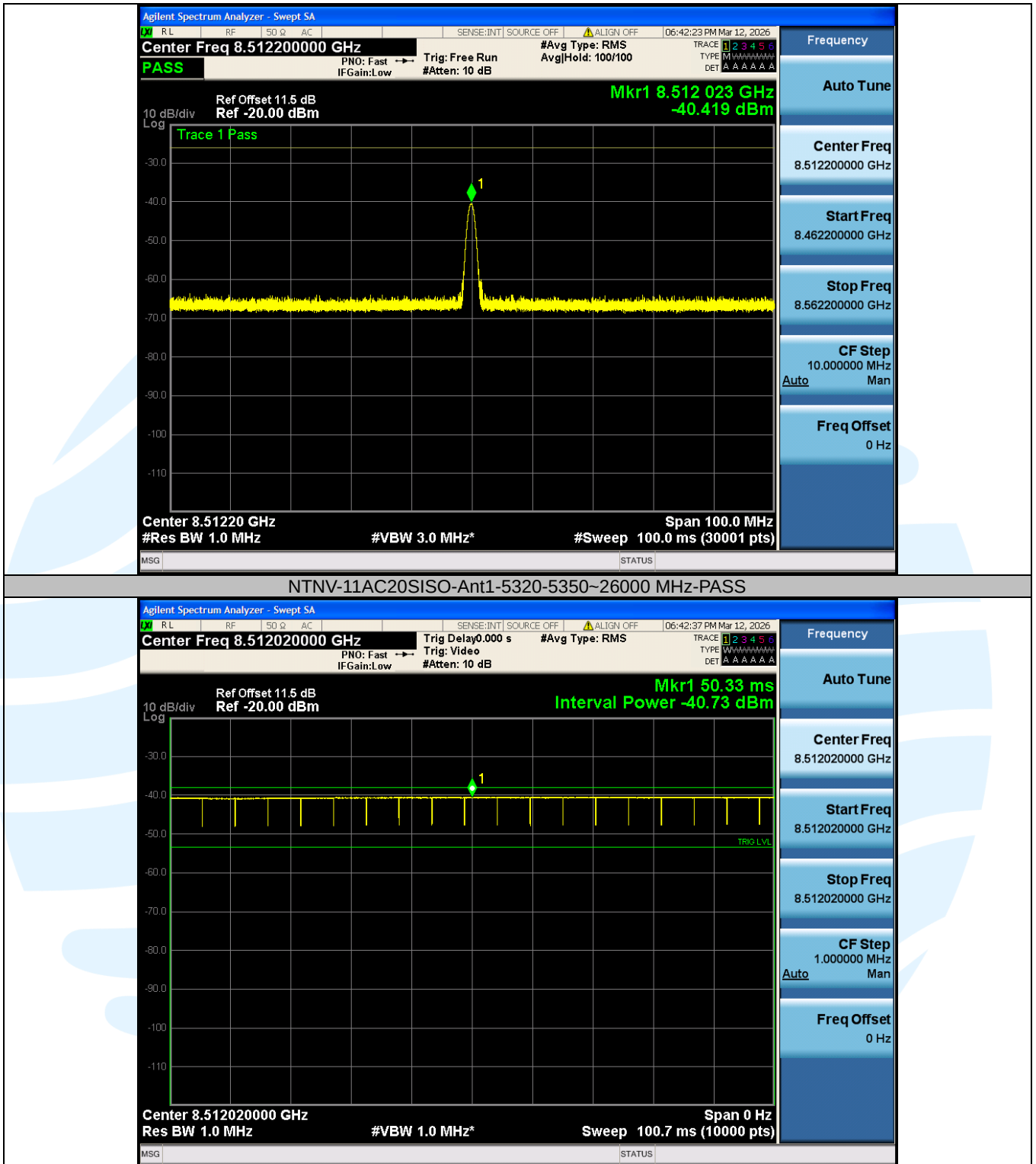
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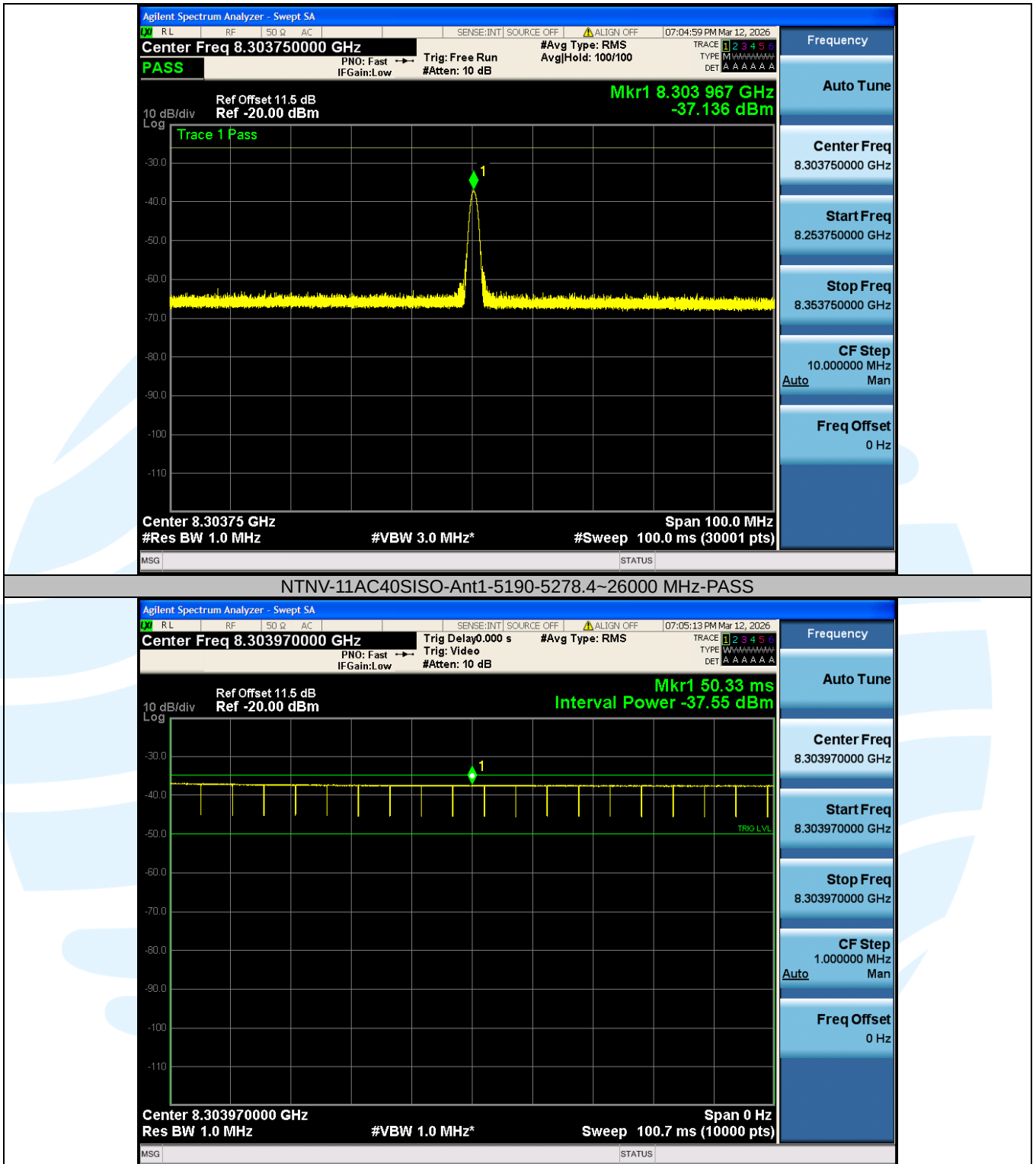
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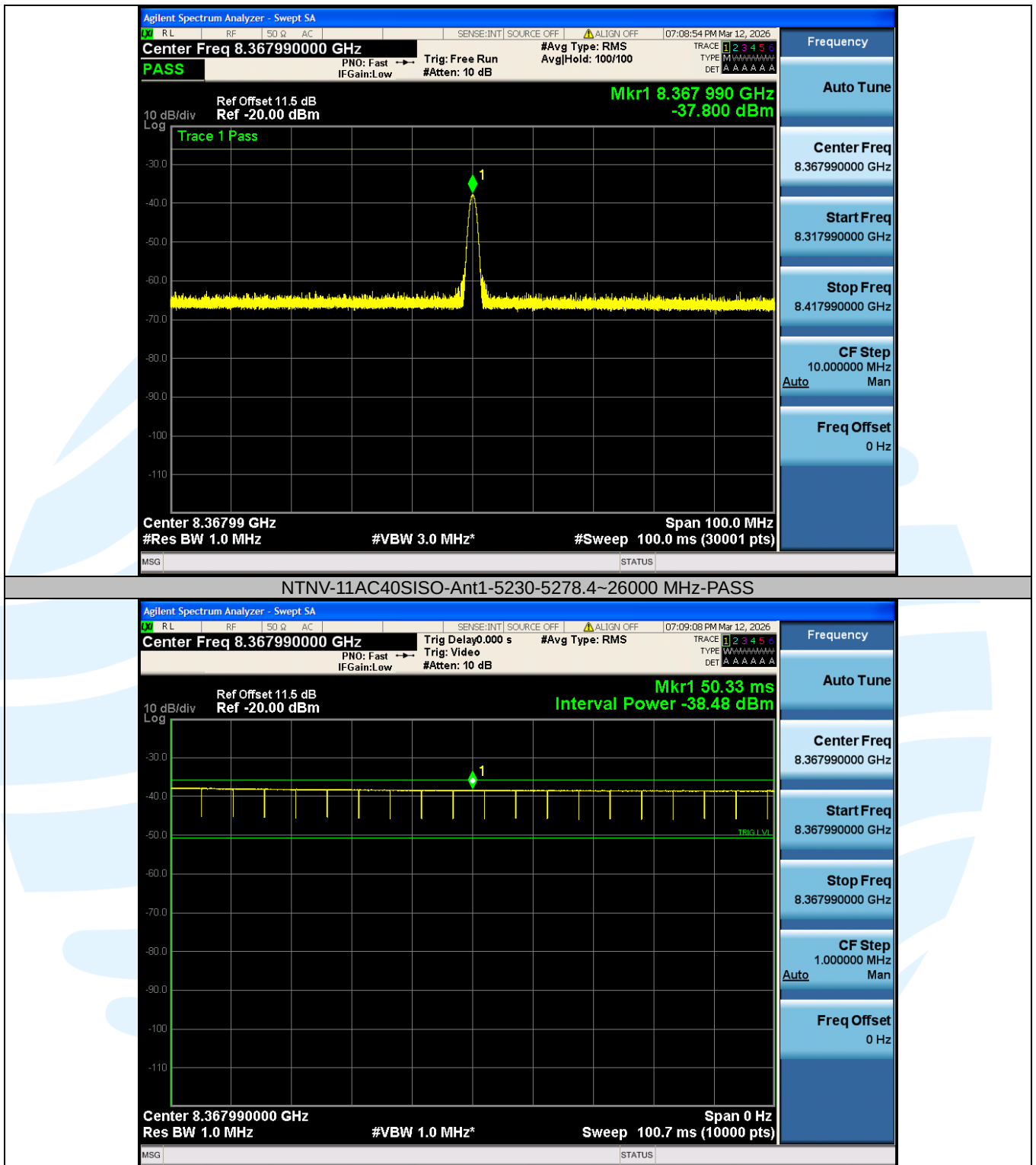
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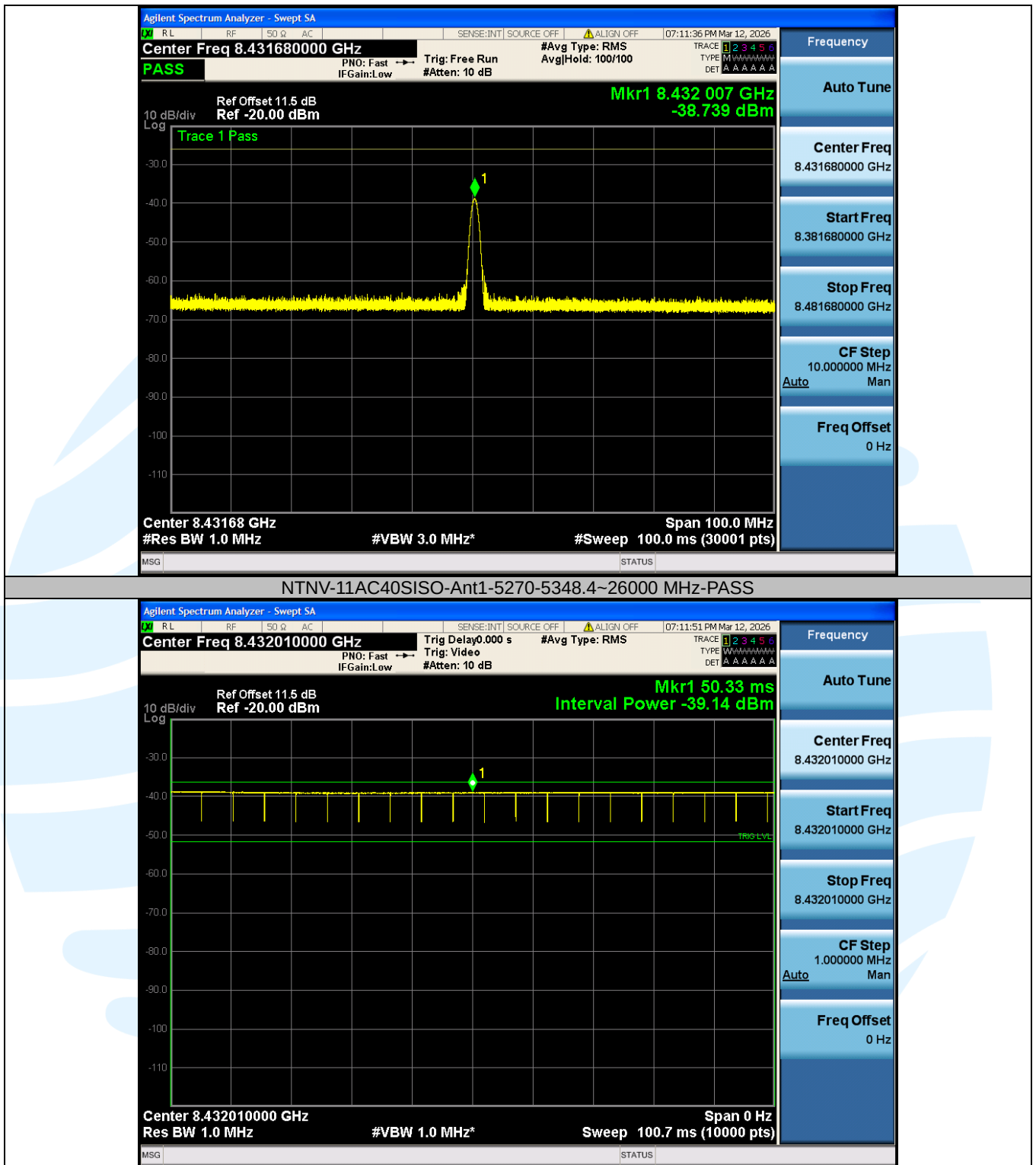
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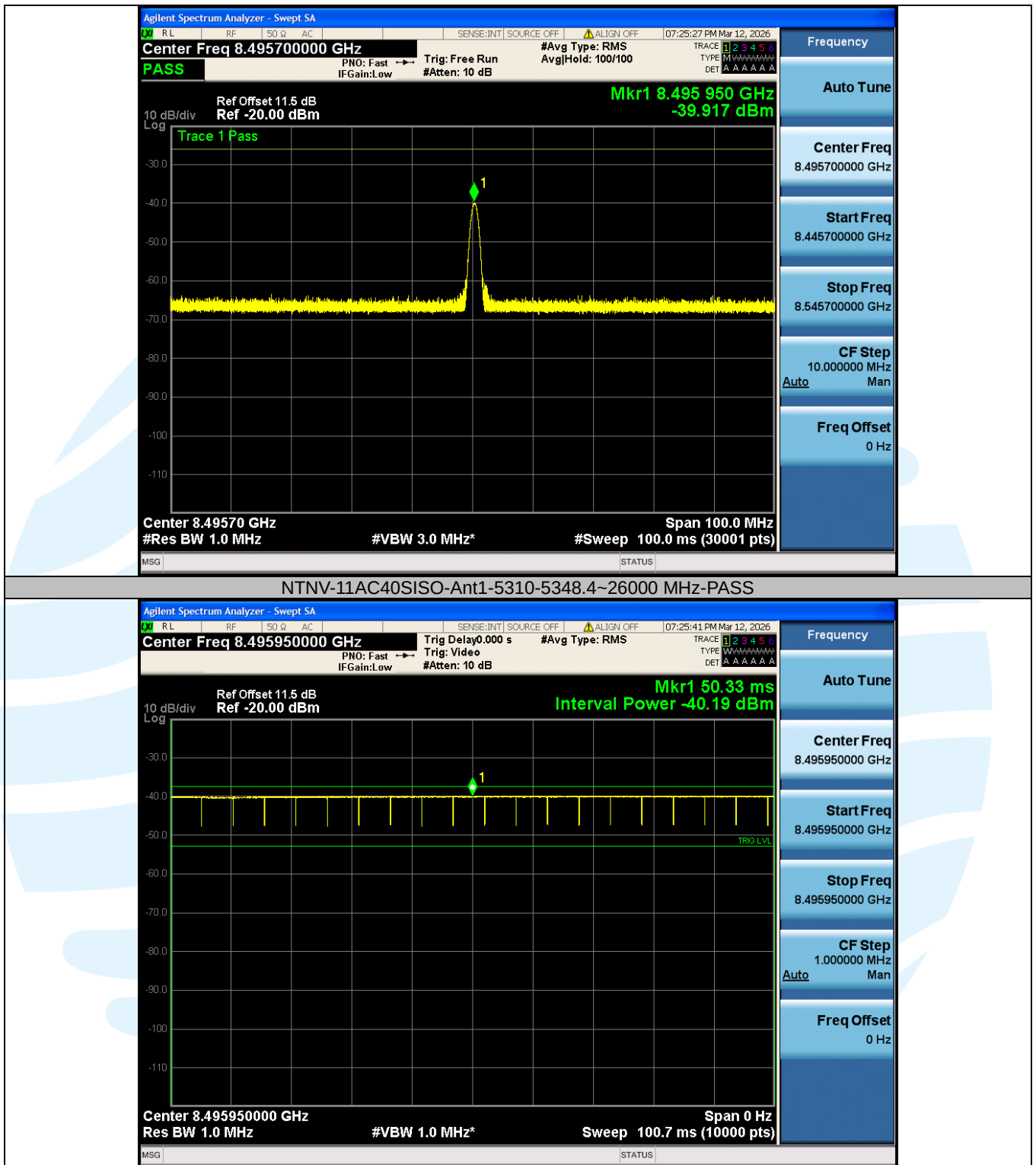
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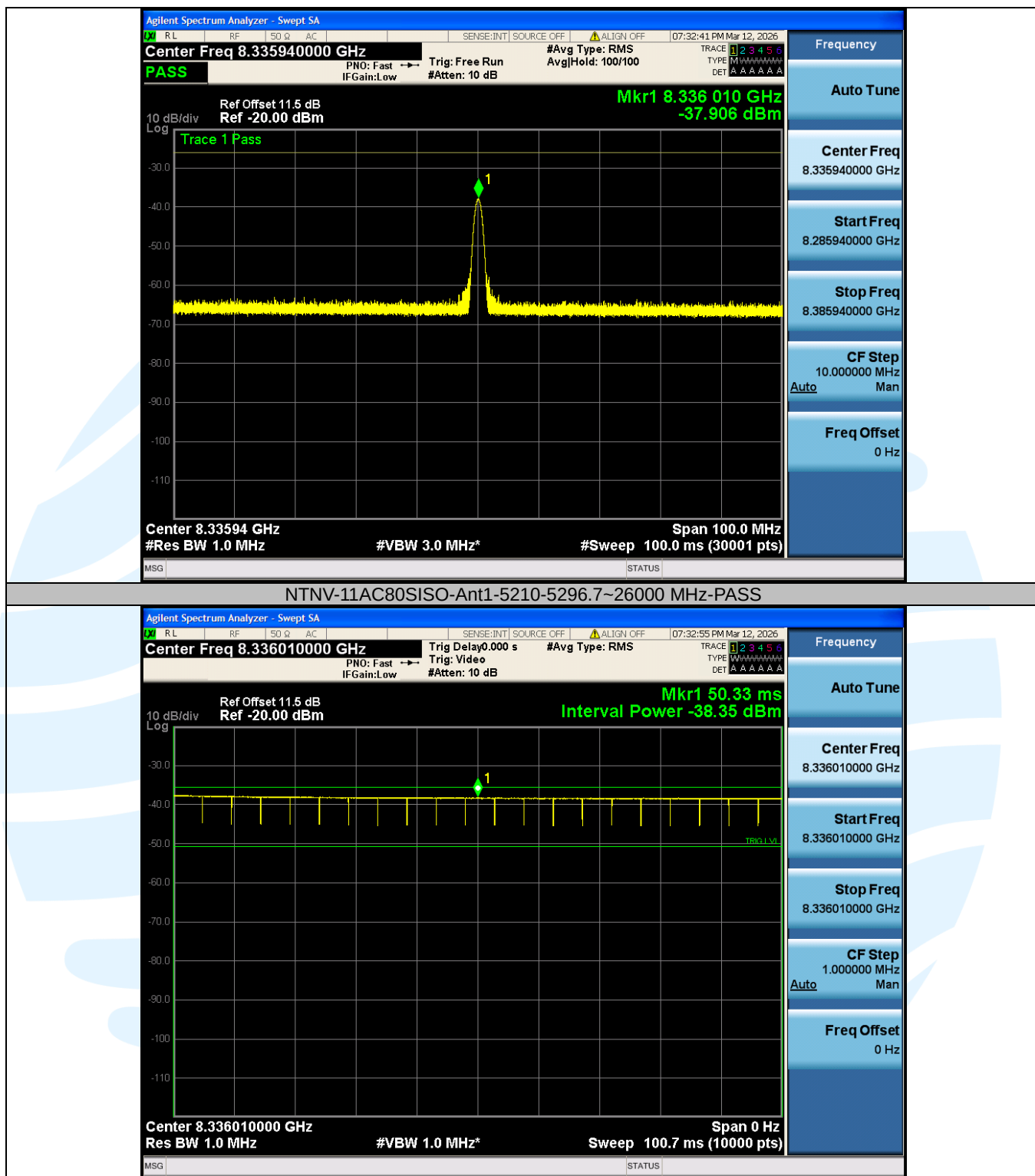
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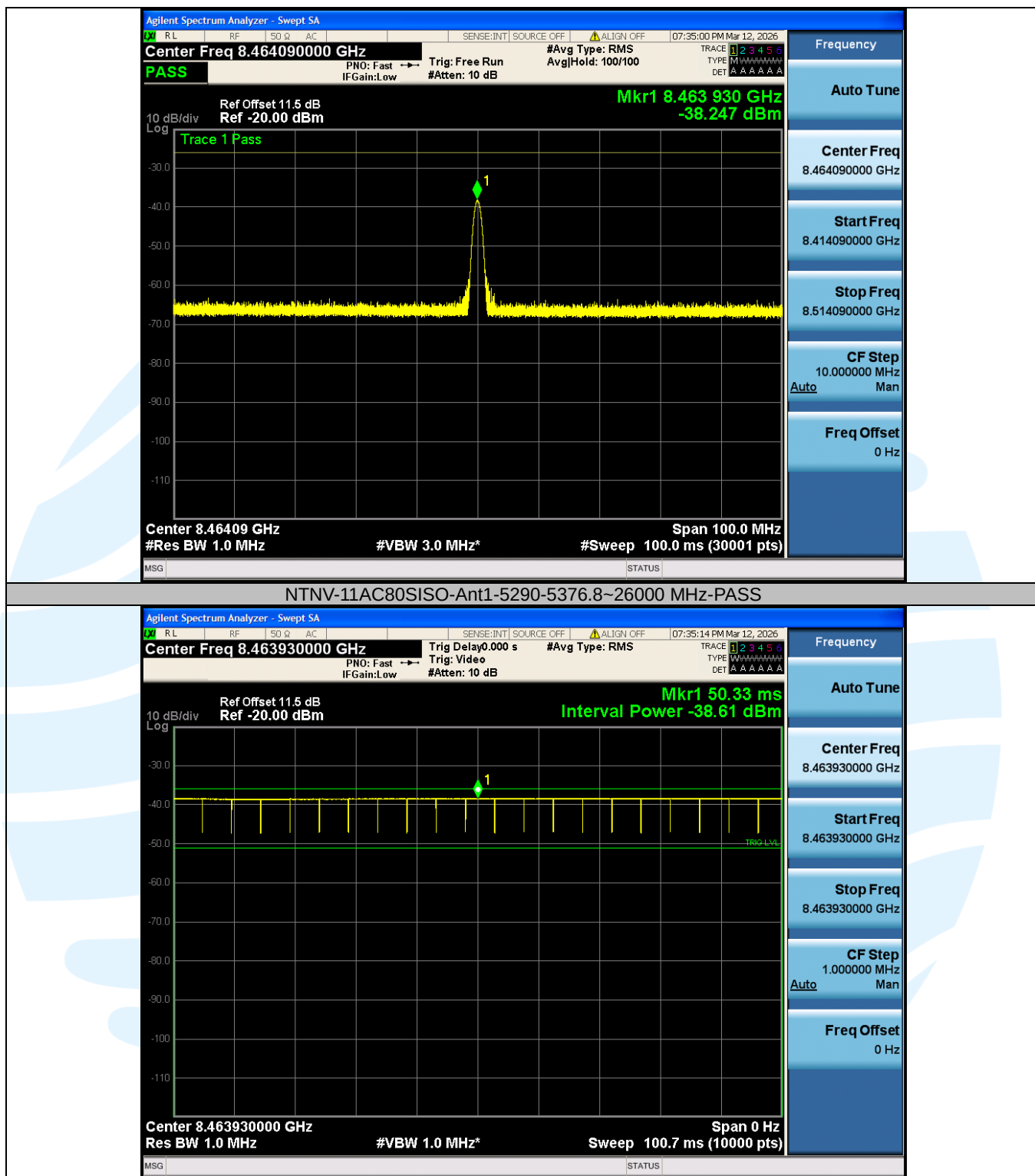
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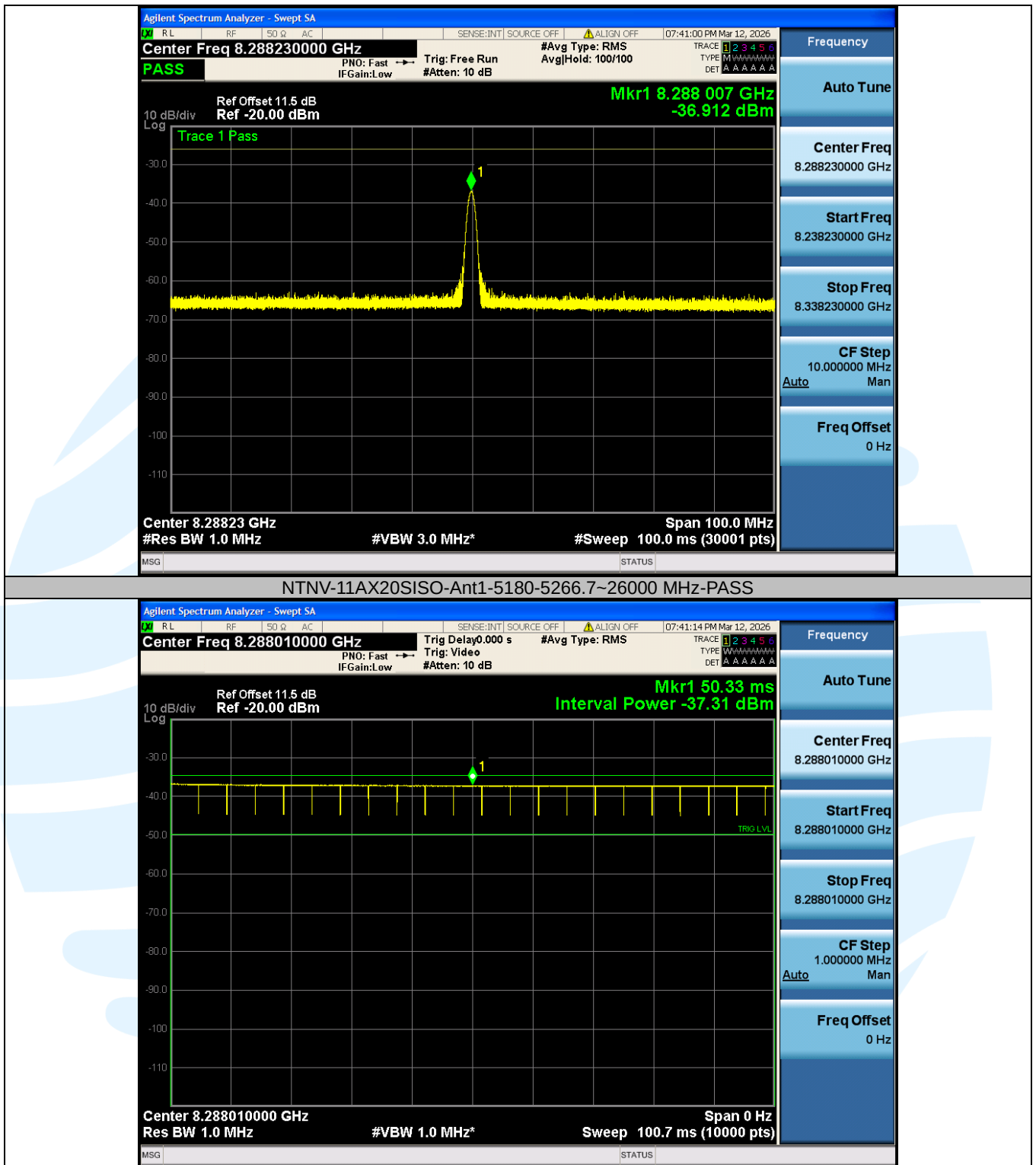
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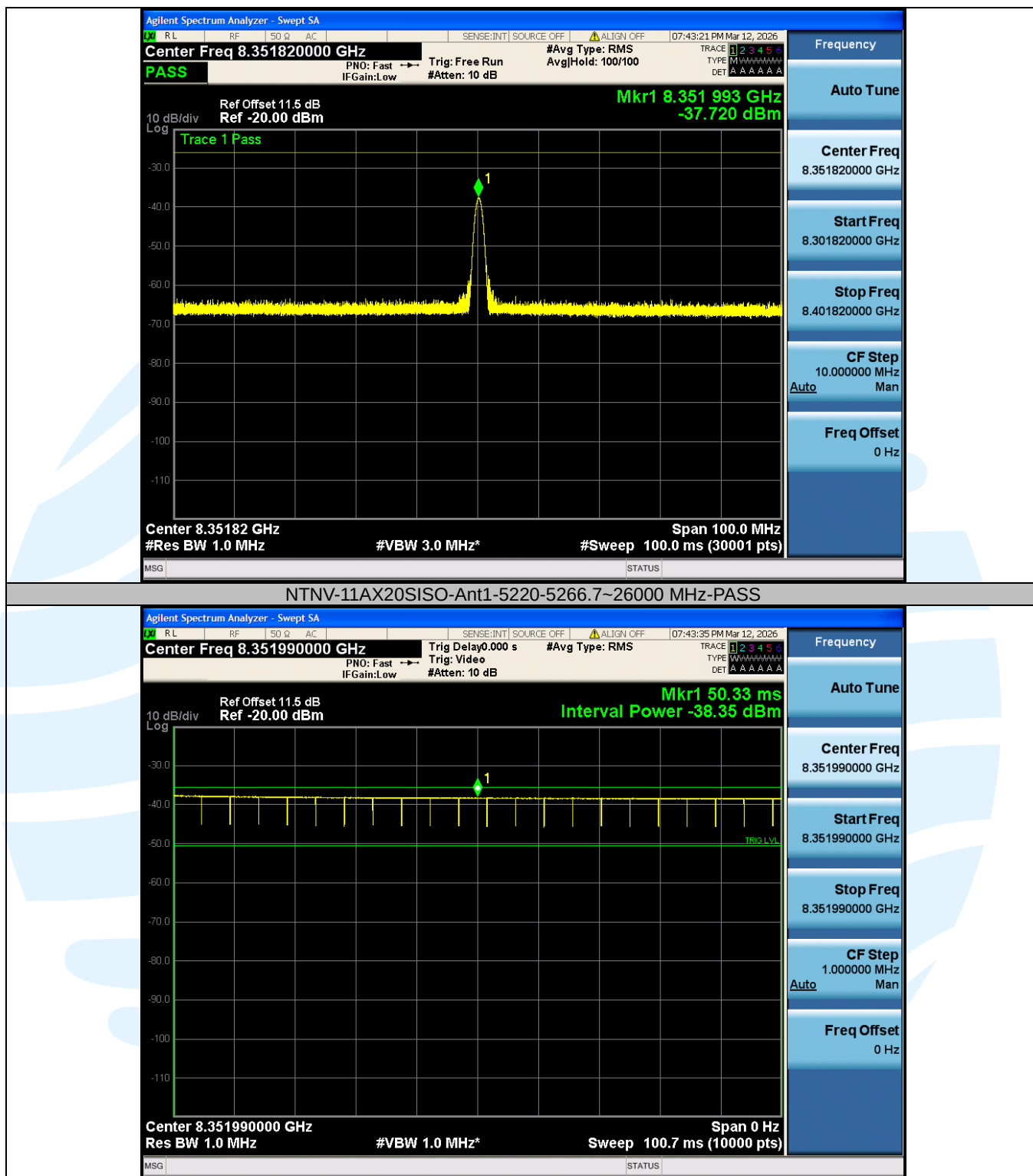
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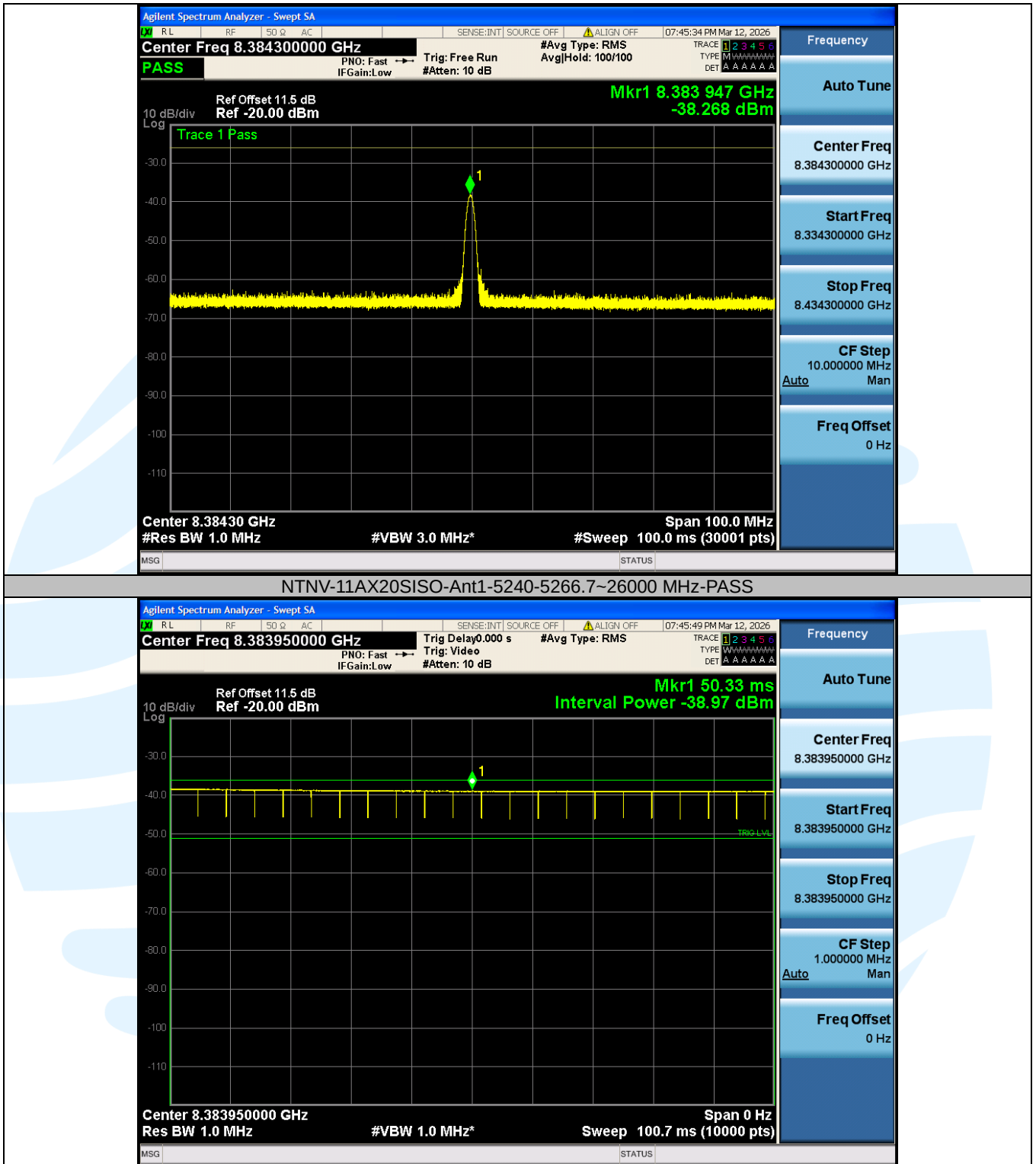
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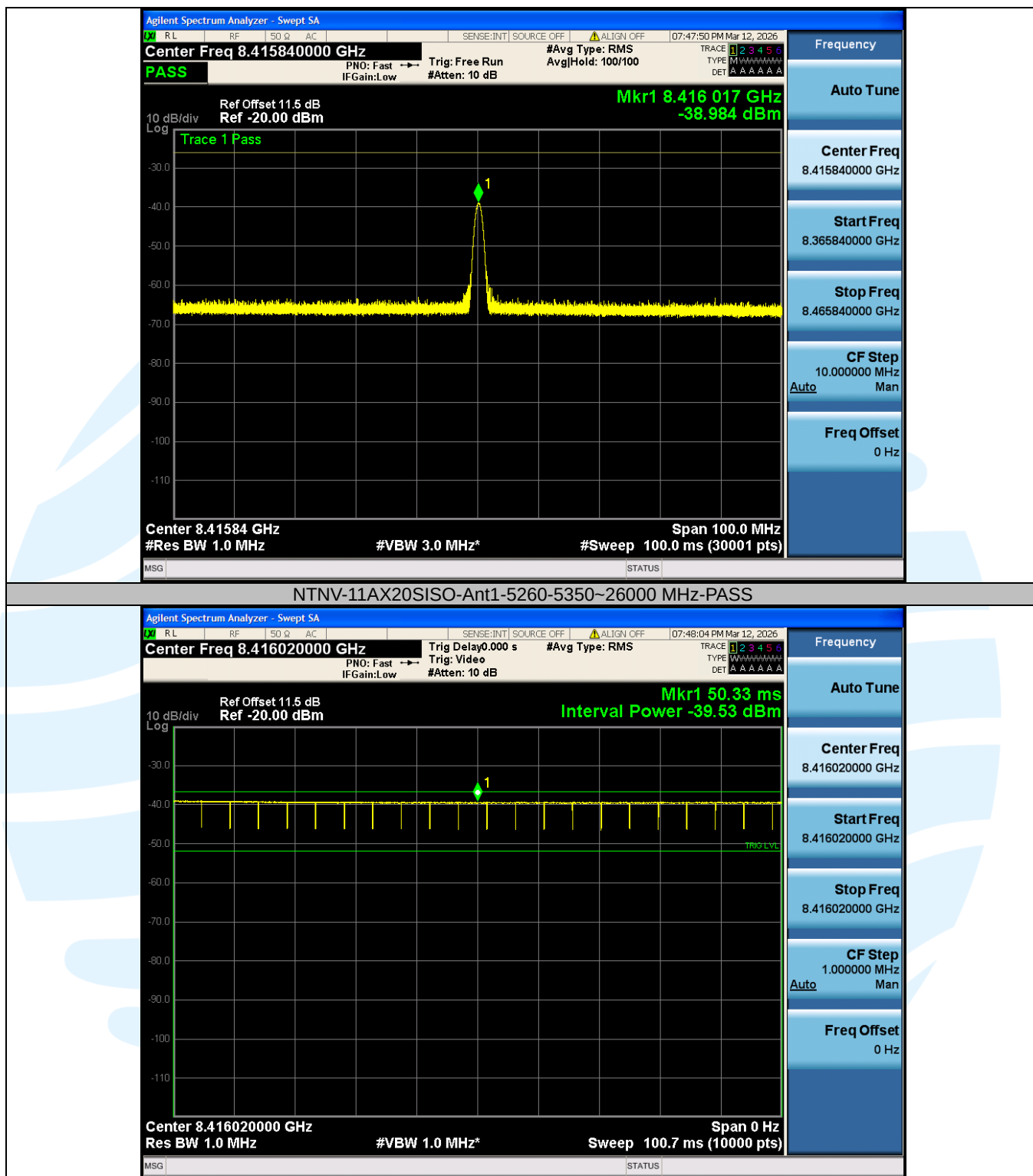
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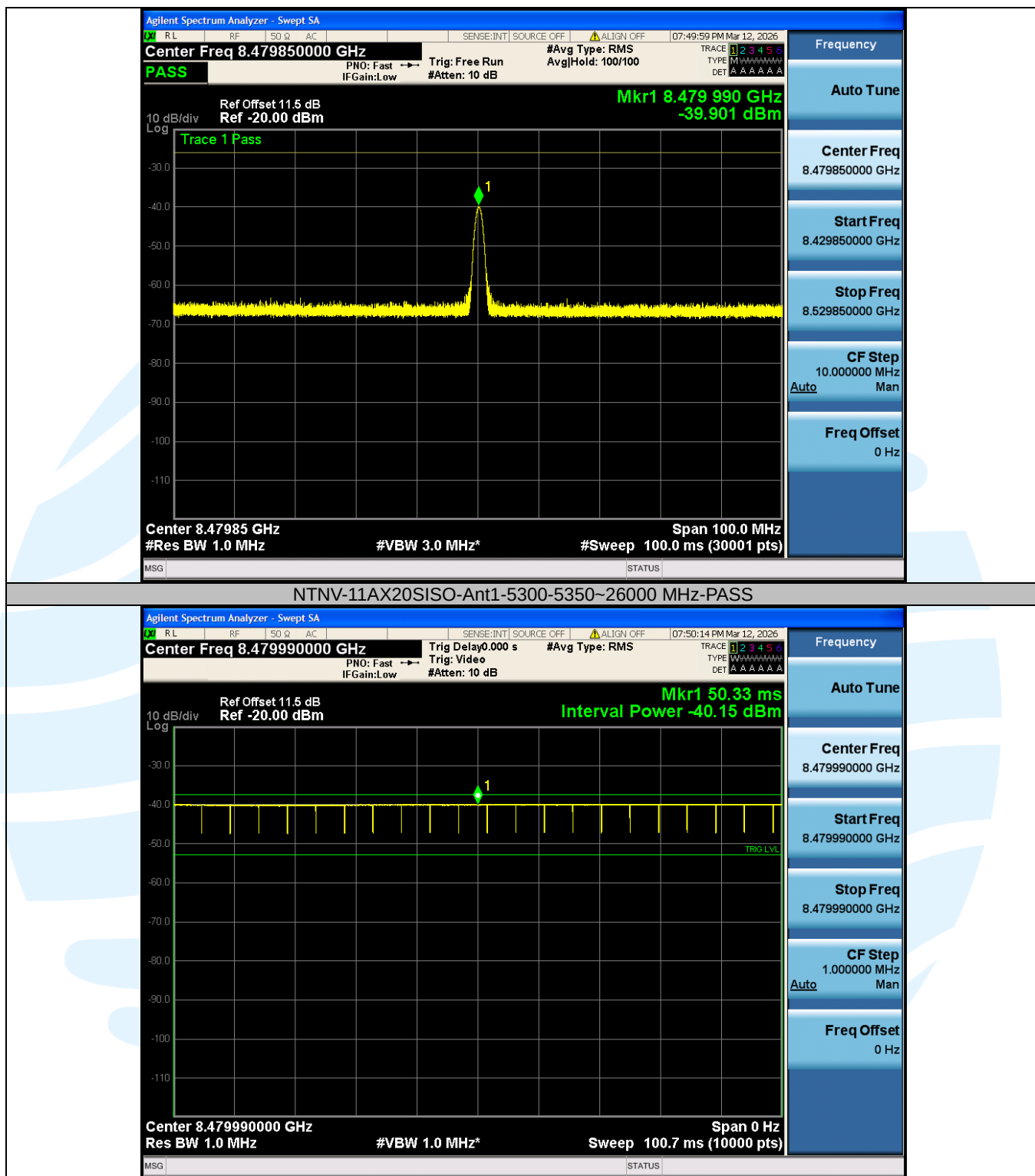
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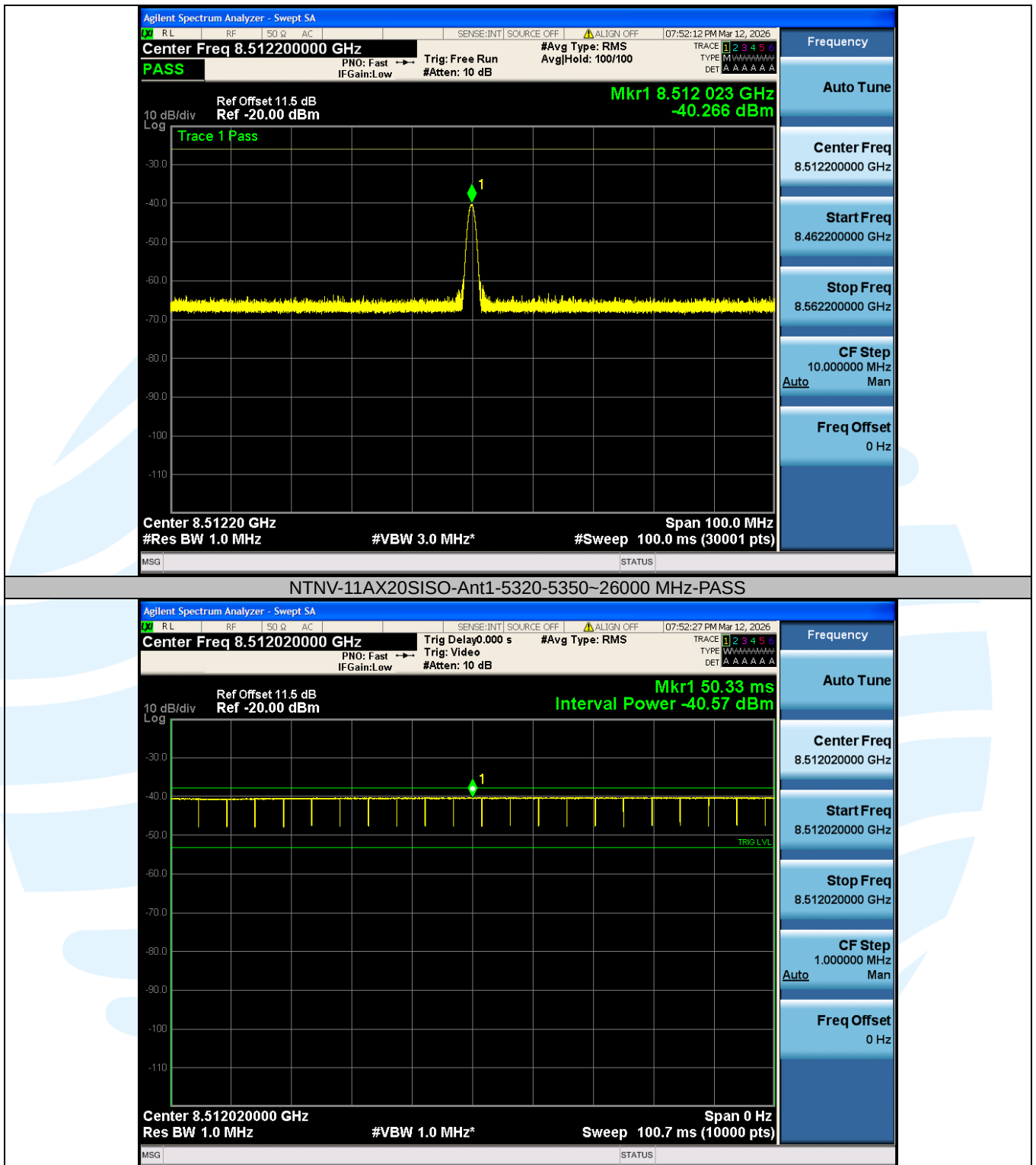
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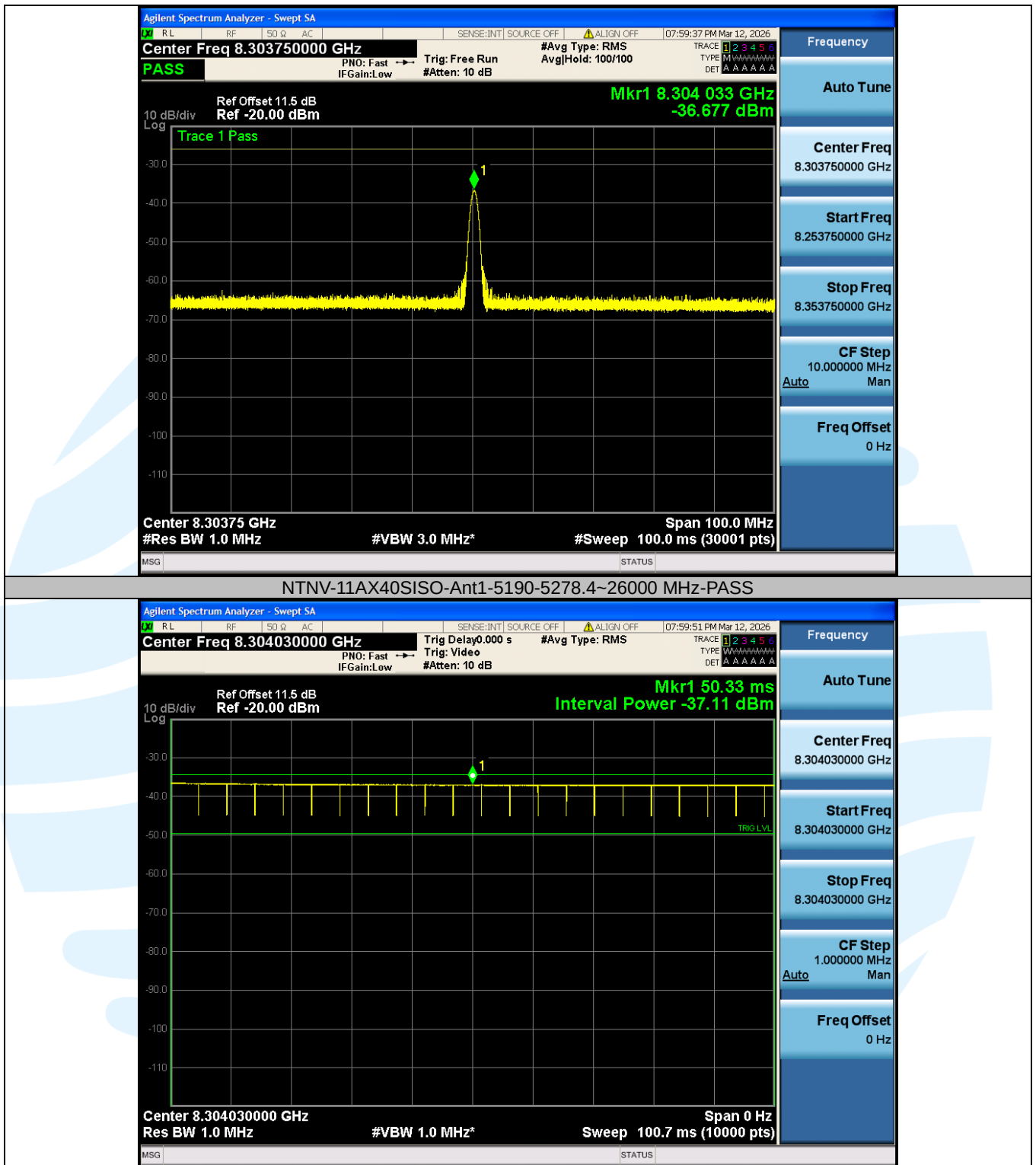
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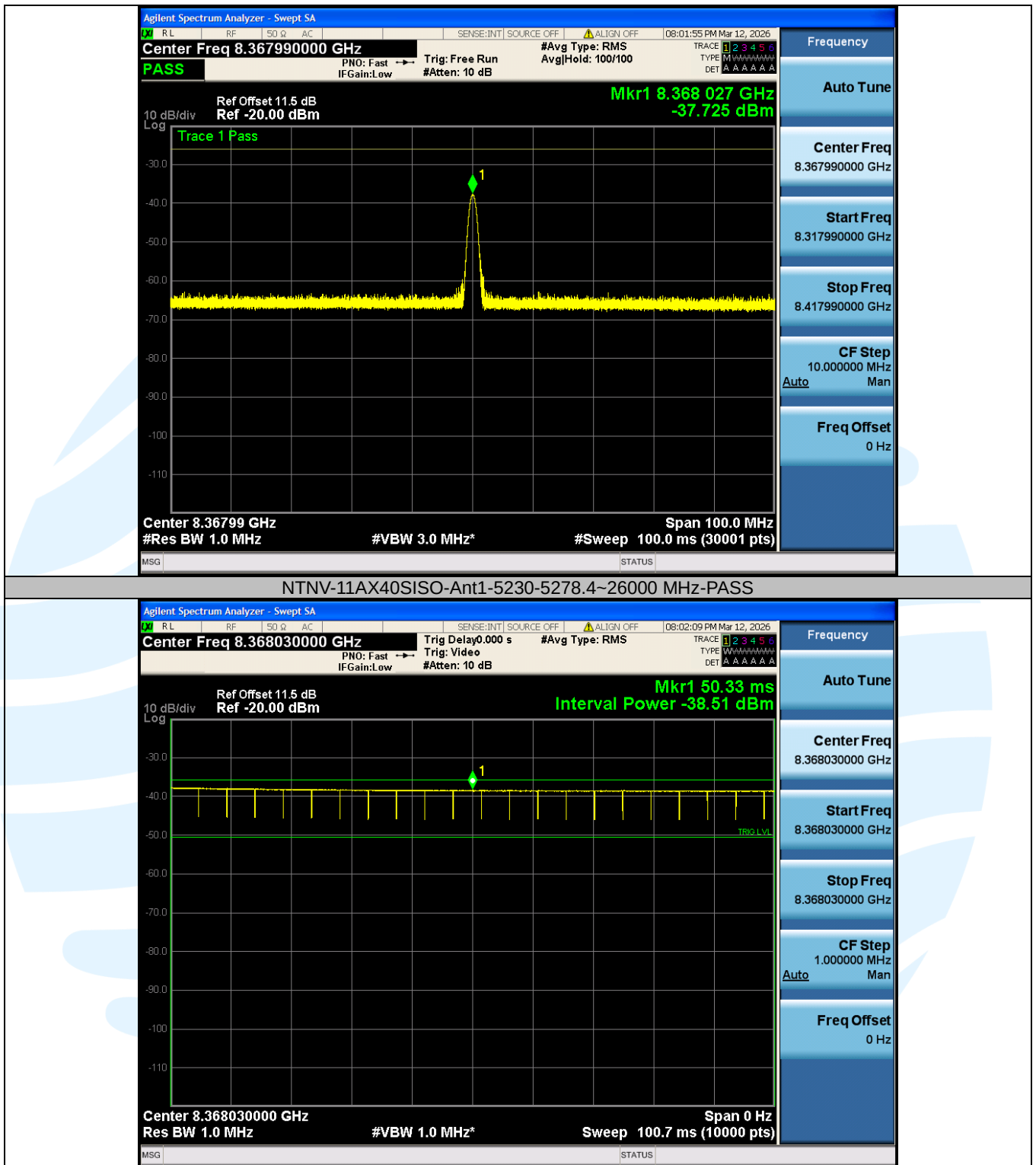
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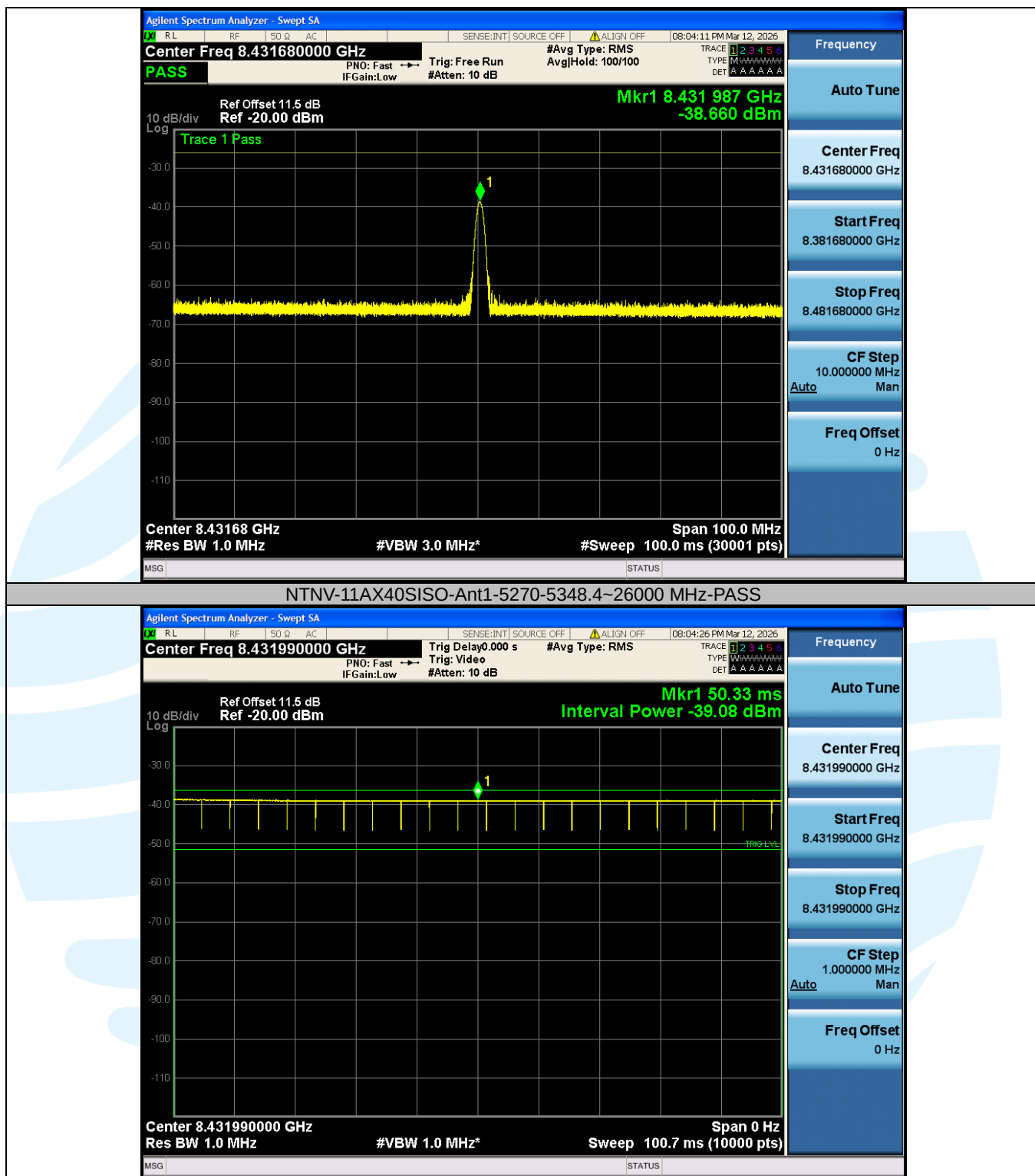
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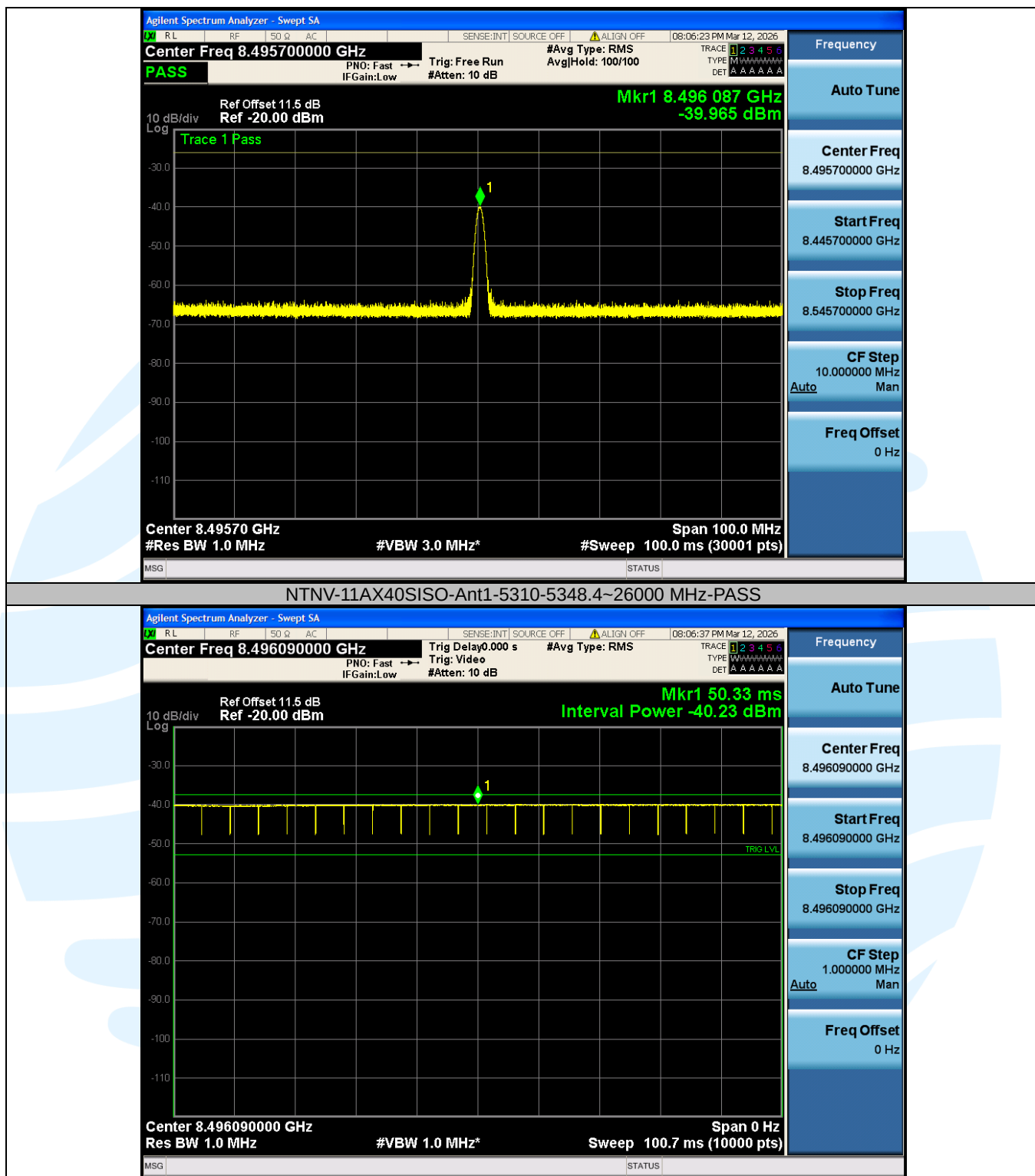
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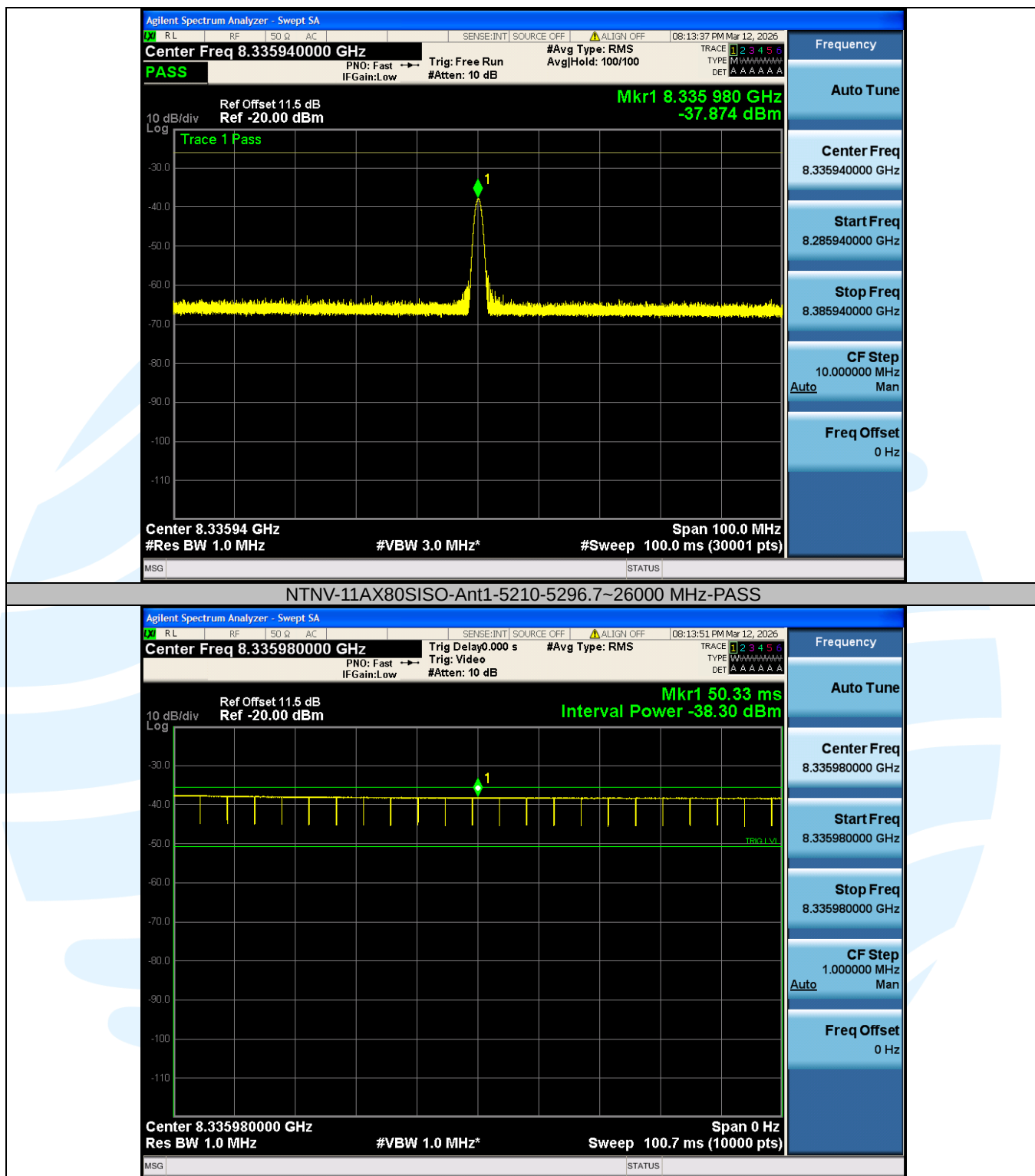
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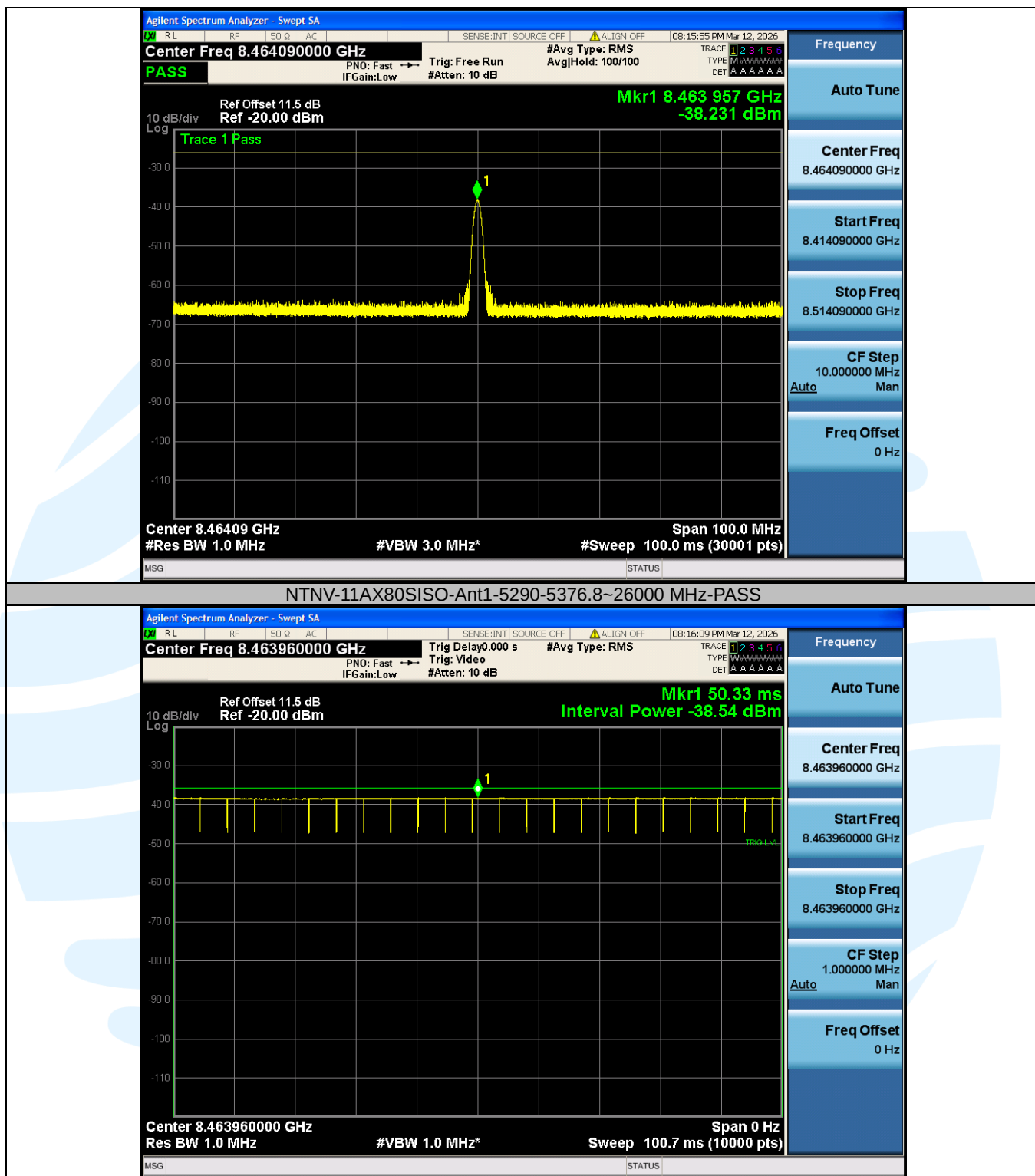
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5.6 ANTENNA POWER

5.6.1 Limit

Occupied Bandwidth	Antenna power (mW/MHz)			EIRP (mW/MHz)					
				With TPC			Without TPC		
	W52	W53	W56	W52	W53	W56	W52	W53	W56
For BW = 20MHz	10	10	10	10	10	50	10	5	25
For BW = 40MHz	5	5	5	5	5	25	5	2.5	12.5
For BW = 80MHz	2.5	2.5	2.5	2.5	2.5	12.5	2.5	1.25	6.25
For BW = 160MHz	1.25	1.25	1.25	1.25	1.25	6.25	1.25	0.625	3.125

W52/W53: Tolerance of antenna power shall be +20% (upper value) and -80% (lower value).

W56: Tolerance of antenna power shall be +50% (upper value) and -50% (lower value).

5.6.2 Test Setup

Refer to section 4.5 for details.

5.6.3 Instruments Used

Refer to section 3 for details

5.6.4 Test Procedures

1. A power meter is connected on the IF output port of the spectrum analyzer.
2. Adjust the spectrum analyzer to have the center frequency the same with the measured carrier.
RBW=VBW=1MHz, detector mode is positive peak. Turn off the averaging function and use zero span.
3. The calibrating signal power shall be reduced to 0 dBm and it shall be verified that the power meter reading also reduces by 10 dB.
4. Connect the equipment to be measured. Using the following settings of the spectrum analyzer in combination with "max hold" function, find the frequency of highest power output in the power envelope: center frequency equal to operating frequency; RBW & VBW: 1 MHz; detector mode: positive peak; averaging: off; span: 3 times the spectrum width; amplitude: adjust for middle of the instrument's range. The frequency found shall be recorded.
5. Set the center frequency of the spectrum analyzer to the found frequency and switch to zero span. The power meter indicates the measured power density "E".
6. Remove the EUT and put the replacing standard signal generator (SSG). Set the standard signal generator (SSG) at same frequency and transmit on, then set SSG output power at Pt to give the equivalent output level of "E".
7. Calculate antenna power density by the formula below $PD = Pt + 10 \cdot \log(1/x)$.
x: The duty cycle of the EUT in continuously transmitting mode
Pt: Output power of the SSG
8. Antenna Power Error is definition that actual measure antenna power tolerance between + 20% to - 80% power range that base on manufacturer declare the conducted power density.

5.6.5 Test Result

Conducted antenna power_VN

Mode	Channel/ Frequency (MHz)	Conducted output power density (mW/MHz)	Tolerance of antenna power (%)	Rated power (mW/MHz)	Antenna power Limit (mW/MHz)	limit of antenna power tolerance
IEEE 802.11a	36/ 5180	0.8949	-10.51	1	10	-80% to +20%
	44/ 5220	0.8530	-14.70			
	48/ 5240	0.8155	-18.45			
	52/ 5260	0.9139	-8.61	1	10	-80% to +20%
	60/ 5300	0.9531	-4.69			
	64/ 5320	0.9188	-8.12			
	100/ 5500	0.8355	-16.45	1	10	-50% to +50%
	120/ 5600	0.7407	-25.93			
	140/ 5700	0.8008	-19.92			
IEEE 802.11n -HT20	36/ 5180	0.6665	-11.13	0.75	10	-80% to +20%
	44/ 5220	0.5931	-20.92			
	48/ 5240	0.5640	-24.79			
	52/ 5260	0.6880	-8.26	0.75	10	-80% to +20%
	60/ 5300	0.7196	-4.06			
	64/ 5320	0.6856	-8.59			
	100/ 5500	0.6325	-15.66	0.75	10	-50% to +50%
	120/ 5600	0.5514	-26.47			
	140/ 5700	0.6060	-19.20			
IEEE 802.11n -HT40	38/ 5190	0.2348	-6.09	0.25	5	-80% to +20%
	46/ 5230	0.2760	10.40			
	54/ 5270	0.2614	4.56	0.25	5	-80% to +20%
	62/ 5310	0.2852	14.07			
	102/ 5510	0.2854	14.16	0.25	5	-50% to +50%
	110/ 5550	0.2751	10.04			
IEEE 802.11ac -VHT20	134/ 5670	0.2426	-2.94	0.5	10	-80% to +20%
	36/ 5180	0.5183	3.66			
	44/ 5220	0.4962	-0.76			
	48/ 5240	0.4688	-6.23	0.5	10	-80% to +20%
	52/ 5260	0.5580	11.59			
	60/ 5300	0.5789	15.78			
	64/ 5320	0.5477	9.53	0.5	10	-50% to +50%
	100/ 5500	0.4704	-5.92			
	120/ 5600	0.4362	-12.75			
IEEE 802.11ac -VHT40	140/ 5700	0.4636	-7.27	0.25	5	-80% to +20%
	38/ 5190	0.1824	-27.05			
	46/ 5230	0.2065	-17.41	0.25	5	-80% to +20%
	54/ 5270	0.1958	-21.67			
	62/ 5310	0.2096	-16.16	0.25	5	-50% to +50%
	102/ 5510	0.2129	-14.85			
	110/ 5550	0.1939	-22.42			
IEEE 802.11ac -VHT80	134/ 5670	0.1869	-25.23	0.1	2.5	-80% to +20%
	42/ 5210	0.0803	-19.69			
	58/ 5290	0.0766	-23.43	0.1	2.5	-50% to +50%
	106/ 5530	0.0691	-30.95			
IEEE 802.11ax -HE20	122/ 5610	0.0665	-33.47	0.5	10	-80% to +20%
	36/ 5180	0.3660	-26.80			
	44/ 5220	0.3503	-29.95			
	48/ 5240	0.3348	-33.05	0.5	10	-80% to +20%
	52/ 5260	0.4080	-18.41			

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Mode	Channel/ Frequency (MHz)	Conducted output power density (mW/MHz)	Tolerance of antenna power (%)	Rated power (mW/MHz)	Antenna power Limit (mW/MHz)	limit of antenna power tolerance
	60/ 5300	0.4025	-19.50	0.5	10	-50% to +50%
	64/ 5320	0.3767	-24.66			
	100/ 5500	0.3450	-31.00			
	120/ 5600	0.4100	-17.99			
	140/ 5700	0.3468	-30.64			
IEEE 802.11ax -HE40	38/ 5190	0.1352	-9.87	0.15	5	-80% to +20%
	46/ 5230	0.1543	2.84			
	54/ 5270	0.1503	0.23	0.15	5	-80% to +20%
	62/ 5310	0.1570	4.70			
	102/ 5510	0.1612	7.48	0.15	5	-50% to +50%
	110/ 5550	0.1460	-2.64			
	134/ 5670	0.1358	-9.47			
IEEE 802.11ax -HE80	42/ 5210	0.0625	-16.71	0.075	2.5	-80% to +20%
	58/ 5290	0.0587	-21.79	0.075	2.5	
	106/ 5530	0.0674	-10.07	0.075	2.5	-50% to +50%
	122/ 5610	0.0651	-13.17			

Radiated antenna power

Mode	Channel/ Frequency (MHz)	Antenna Gain (dBi)	Radiated RF output power density (mW/MHz)	Limit (mW/MHz)
IEEE 802.11a	36/ 5180	5.77	3.3789	10
	44/ 5220		3.2207	
	48/ 5240		3.0791	
	52/ 5260	5.81	3.4824	5
	60/ 5300		3.6320	
	64/ 5320		3.5012	
	100/ 5500	4.70	2.4658	25
	120/ 5600		2.1859	
	140/ 5700		2.3633	
IEEE 802.11n -HT20	36/ 5180	5.77	2.5166	10
	44/ 5220		2.2393	
	48/ 5240		2.1297	
	52/ 5260	5.81	2.6219	5
	60/ 5300		2.7421	
	64/ 5320		2.6125	
	100/ 5500	4.70	1.8668	25
	120/ 5600		1.6274	
	140/ 5700		1.7885	
IEEE 802.11n -HT40	38/ 5190	5.77	0.8865	5
	46/ 5230		1.0421	
	54/ 5270	5.81	0.9961	2.5
	62/ 5310		1.0867	
	102/ 5510	4.70	0.8423	12.5
	110/ 5550		0.8119	
	134/ 5670		0.7161	
IEEE 802.11ac -VHT20	36/ 5180	5.77	1.9570	10
	44/ 5220		1.8736	
	48/ 5240		1.7702	
	52/ 5260	5.81	2.1262	5
	60/ 5300		2.2061	

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Mode	Channel/ Frequency (MHz)	Antenna Gain (dBi)	Radiated RF output power density (mW/MHz)	Limit (mW/MHz)
	64/ 5320	4.70	2.0870	25
	100/ 5500		1.3882	
	120/ 5600		1.2874	
	140/ 5700		1.3683	
IEEE 802.11ac -VHT40	38/ 5190	5.77	0.6886	5
	46/ 5230		0.7796	
	54/ 5270	5.81	0.7462	2.5
	62/ 5310		0.7987	
	102/ 5510	4.70	0.6282	12.5
	110/ 5550		0.5724	
	134/ 5670		0.5516	
IEEE 802.11ac -VHT80	42/ 5210	5.77	0.3032	2.5
	58/ 5290	5.81	0.2918	1.25
	106/ 5530	4.70	0.2038	6.25
	122/ 5610		0.1963	
IEEE 802.11ax -HE20	36/ 5180	5.77	1.3819	10
	44/ 5220		1.3225	
	48/ 5240		1.2640	
	52/ 5260	5.81	1.5546	5
	60/ 5300		1.5339	
	64/ 5320		1.4354	
	100/ 5500	4.70	1.0181	25
	120/ 5600		1.2101	
	140/ 5700		1.0234	
IEEE 802.11ax -HE40	38/ 5190	5.77	0.5104	5
	46/ 5230		0.5824	
	54/ 5270	5.81	0.5729	2.5
	62/ 5310		0.5984	
	102/ 5510	4.70	0.4758	12.5
	110/ 5550		0.4310	
	134/ 5670		0.4008	
IEEE 802.11ax -HE80	42/ 5210	5.77	0.2359	2.5
	58/ 5290	5.81	0.2235	1.25
	106/ 5530	4.70	0.1991	6.25
	122/ 5610		0.1922	

5.7 TRANSMISSION BURST LENGTH

5.7.1 Limit

8ms or less

5.7.2 Test Setup

Refer to section 4.5 for details.

5.7.3 Instruments Used

Refer to section 3 for details

5.7.4 Test Procedures

Table No.45 related to Article 2 Clause 1 item 19-3 of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment.

5.7.5 Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [ms]	Limit [ms]	Verdict
NTNV	11A	Ant1	5180	5.48	≤8	PASS
NTNV	11A	Ant1	5220	5.48	≤8	PASS
NTNV	11A	Ant1	5240	5.48	≤8	PASS
NTNV	11A	Ant1	5260	5.48	≤8	PASS
NTNV	11A	Ant1	5300	5.48	≤8	PASS
NTNV	11A	Ant1	5320	5.48	≤8	PASS
NTNV	11A	Ant1	5500	5.48	≤8	PASS
NTNV	11A	Ant1	5600	5.48	≤8	PASS
NTNV	11A	Ant1	5700	5.48	≤8	PASS
NTNV	11N20SISO	Ant1	5180	5.36	≤8	PASS
NTNV	11N20SISO	Ant1	5220	5.37	≤8	PASS
NTNV	11N20SISO	Ant1	5240	5.36	≤8	PASS
NTNV	11N20SISO	Ant1	5260	5.36	≤8	PASS
NTNV	11N20SISO	Ant1	5300	5.37	≤8	PASS
NTNV	11N20SISO	Ant1	5320	5.37	≤8	PASS
NTNV	11N20SISO	Ant1	5500	5.36	≤8	PASS
NTNV	11N20SISO	Ant1	5600	5.36	≤8	PASS
NTNV	11N20SISO	Ant1	5700	5.37	≤8	PASS
NTNV	11N40SISO	Ant1	5190	3.01	≤8	PASS
NTNV	11N40SISO	Ant1	5230	3.01	≤8	PASS
NTNV	11N40SISO	Ant1	5270	3.02	≤8	PASS
NTNV	11N40SISO	Ant1	5310	3.01	≤8	PASS
NTNV	11N40SISO	Ant1	5510	3.01	≤8	PASS
NTNV	11N40SISO	Ant1	5550	3.01	≤8	PASS
NTNV	11N40SISO	Ant1	5670	3.01	≤8	PASS
NTNV	11AC20SISO	Ant1	5180	5.37	≤8	PASS
NTNV	11AC20SISO	Ant1	5220	5.37	≤8	PASS
NTNV	11AC20SISO	Ant1	5240	5.37	≤8	PASS
NTNV	11AC20SISO	Ant1	5260	5.37	≤8	PASS
NTNV	11AC20SISO	Ant1	5300	5.37	≤8	PASS
NTNV	11AC20SISO	Ant1	5320	5.37	≤8	PASS
NTNV	11AC20SISO	Ant1	5500	5.37	≤8	PASS
NTNV	11AC20SISO	Ant1	5600	5.37	≤8	PASS
NTNV	11AC20SISO	Ant1	5700	5.37	≤8	PASS
NTNV	11AC40SISO	Ant1	5190	5.15	≤8	PASS
NTNV	11AC40SISO	Ant1	5230	5.15	≤8	PASS
NTNV	11AC40SISO	Ant1	5270	5.15	≤8	PASS
NTNV	11AC40SISO	Ant1	5310	5.16	≤8	PASS
NTNV	11AC40SISO	Ant1	5510	5.15	≤8	PASS
NTNV	11AC40SISO	Ant1	5550	5.15	≤8	PASS
NTNV	11AC40SISO	Ant1	5670	5.15	≤8	PASS
NTNV	11AC80SISO	Ant1	5210	4.75	≤8	PASS

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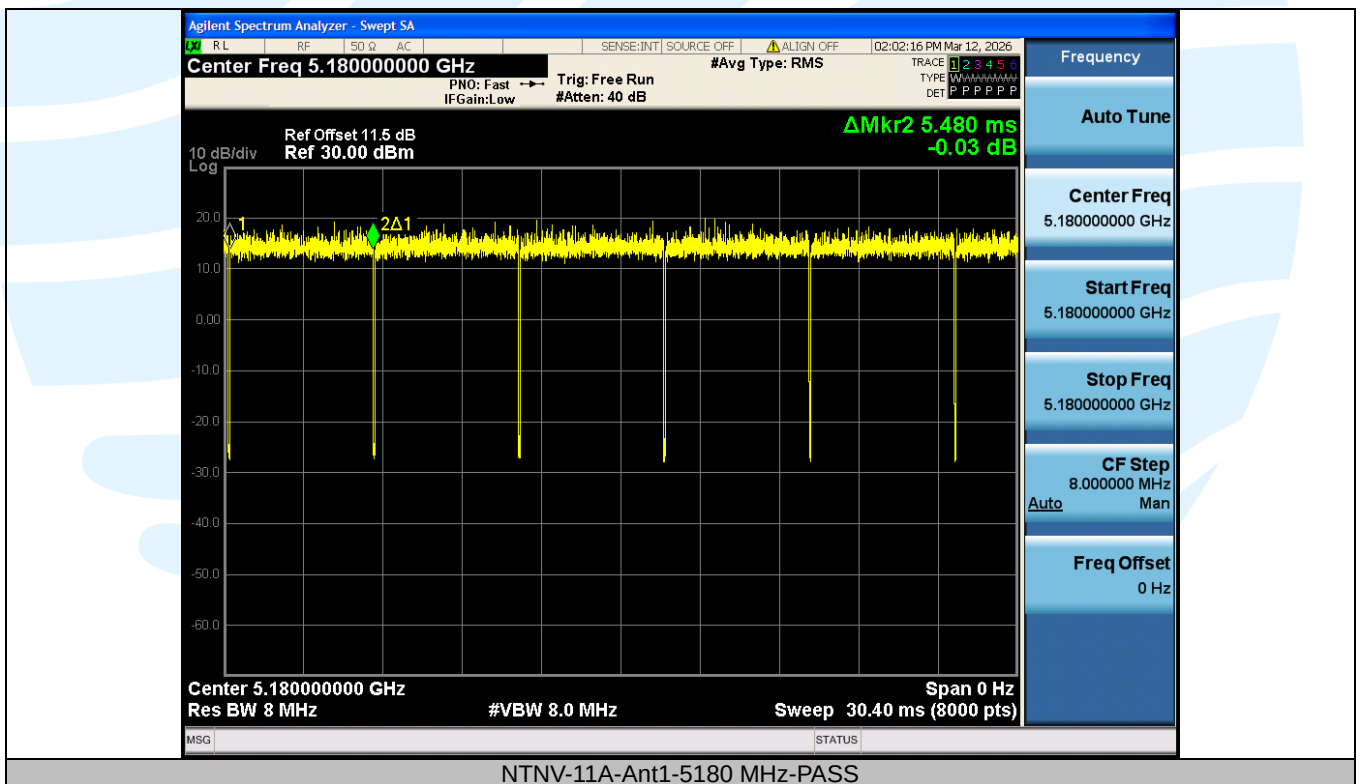
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Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [ms]	Limit [ms]	Verdict
NTNV	11AC80SISO	Ant1	5290	4.75	≤8	PASS
NTNV	11AC80SISO	Ant1	5530	4.75	≤8	PASS
NTNV	11AC80SISO	Ant1	5610	4.75	≤8	PASS
NTNV	11AX20SISO	Ant1	5180	4.64	≤8	PASS
NTNV	11AX20SISO	Ant1	5220	4.64	≤8	PASS
NTNV	11AX20SISO	Ant1	5240	4.64	≤8	PASS
NTNV	11AX20SISO	Ant1	5260	4.64	≤8	PASS
NTNV	11AX20SISO	Ant1	5300	4.64	≤8	PASS
NTNV	11AX20SISO	Ant1	5320	4.64	≤8	PASS
NTNV	11AX20SISO	Ant1	5500	4.64	≤8	PASS
NTNV	11AX20SISO	Ant1	5600	4.64	≤8	PASS
NTNV	11AX20SISO	Ant1	5700	4.64	≤8	PASS
NTNV	11AX40SISO	Ant1	5190	4.62	≤8	PASS
NTNV	11AX40SISO	Ant1	5230	4.62	≤8	PASS
NTNV	11AX40SISO	Ant1	5270	4.62	≤8	PASS
NTNV	11AX40SISO	Ant1	5310	4.63	≤8	PASS
NTNV	11AX40SISO	Ant1	5510	4.63	≤8	PASS
NTNV	11AX40SISO	Ant1	5550	4.62	≤8	PASS
NTNV	11AX40SISO	Ant1	5670	4.63	≤8	PASS
NTNV	11AX80SISO	Ant1	5210	4.42	≤8	PASS
NTNV	11AX80SISO	Ant1	5290	4.42	≤8	PASS
NTNV	11AX80SISO	Ant1	5530	4.42	≤8	PASS
NTNV	11AX80SISO	Ant1	5610	4.42	≤8	PASS



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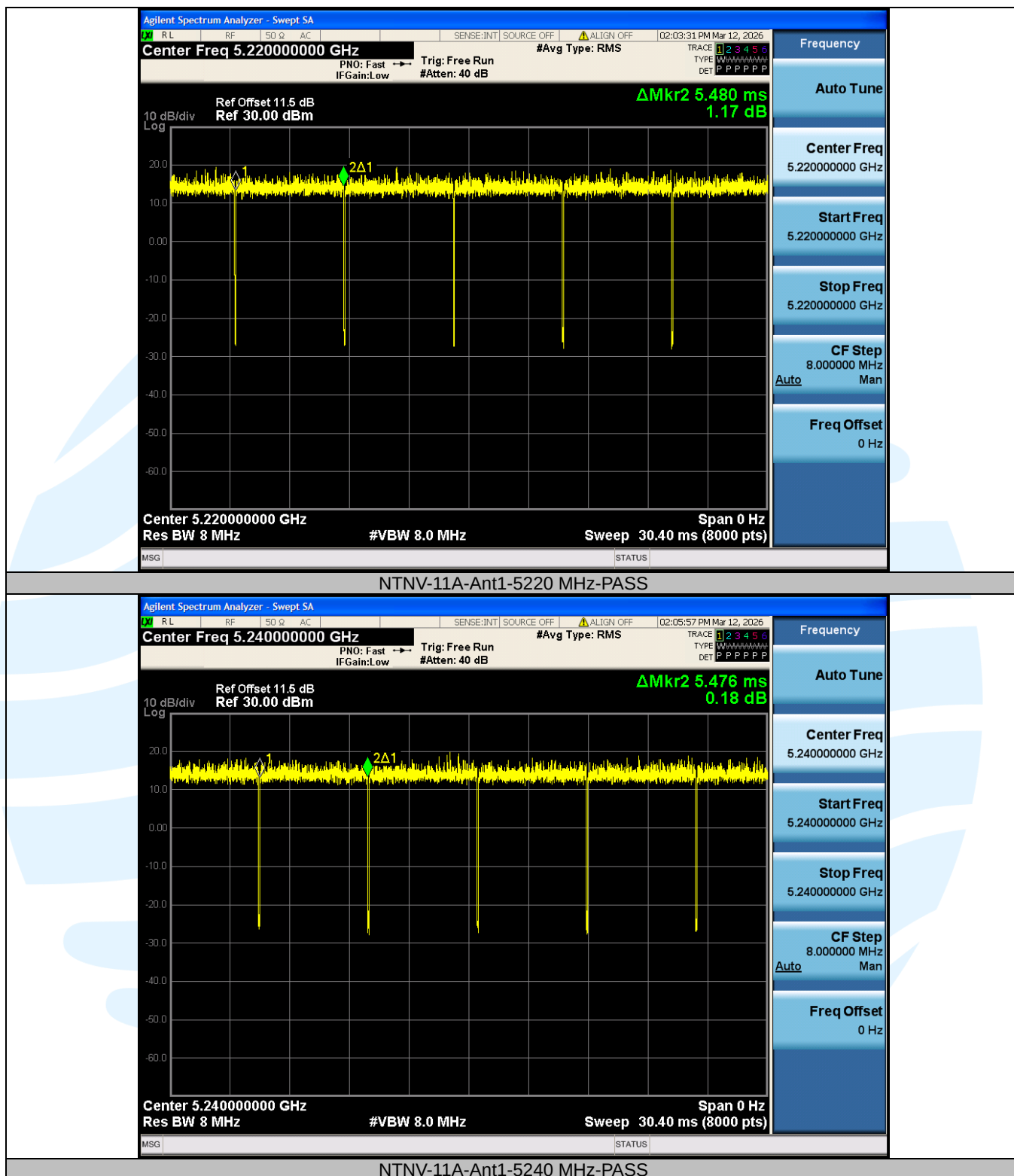
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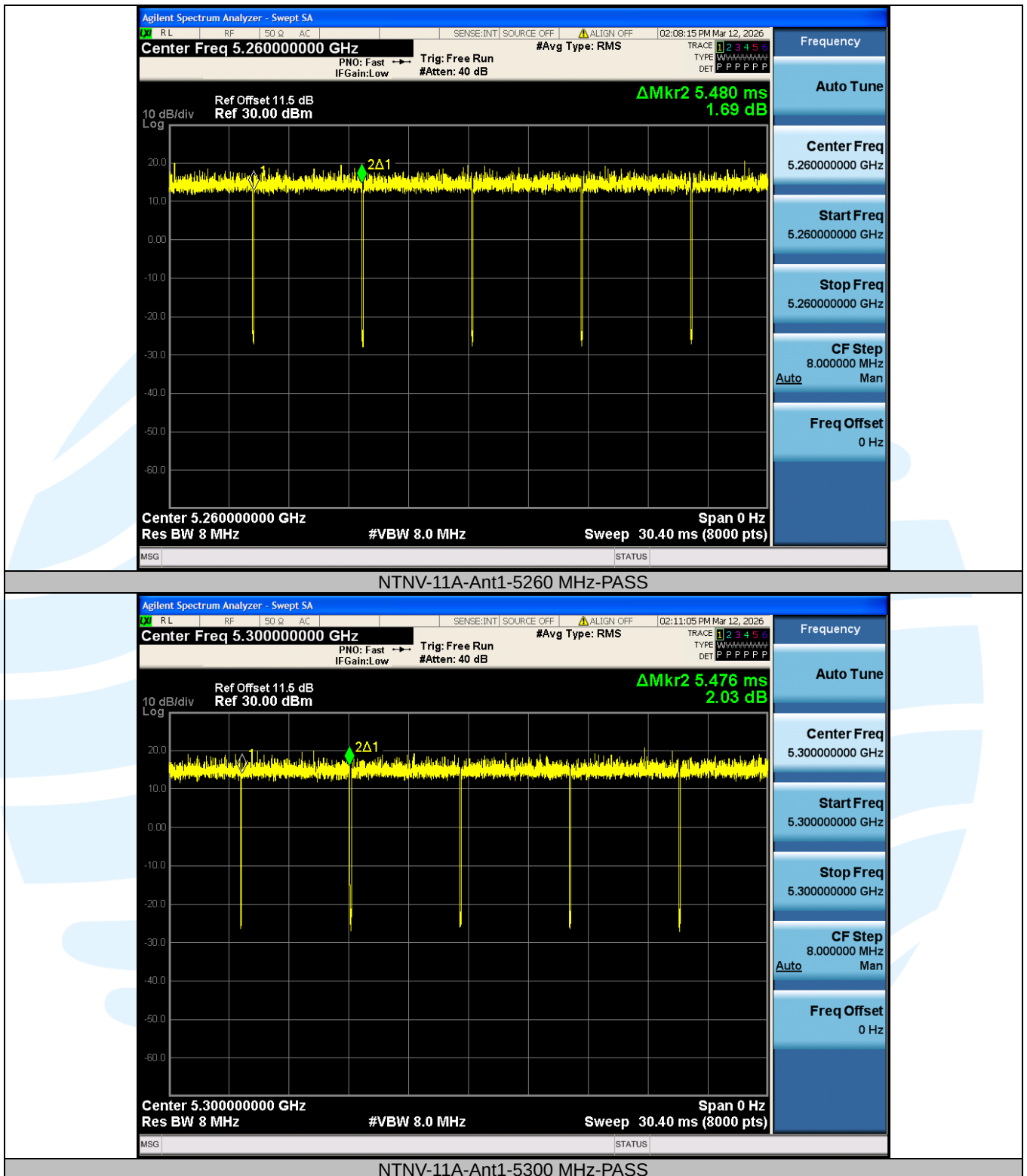
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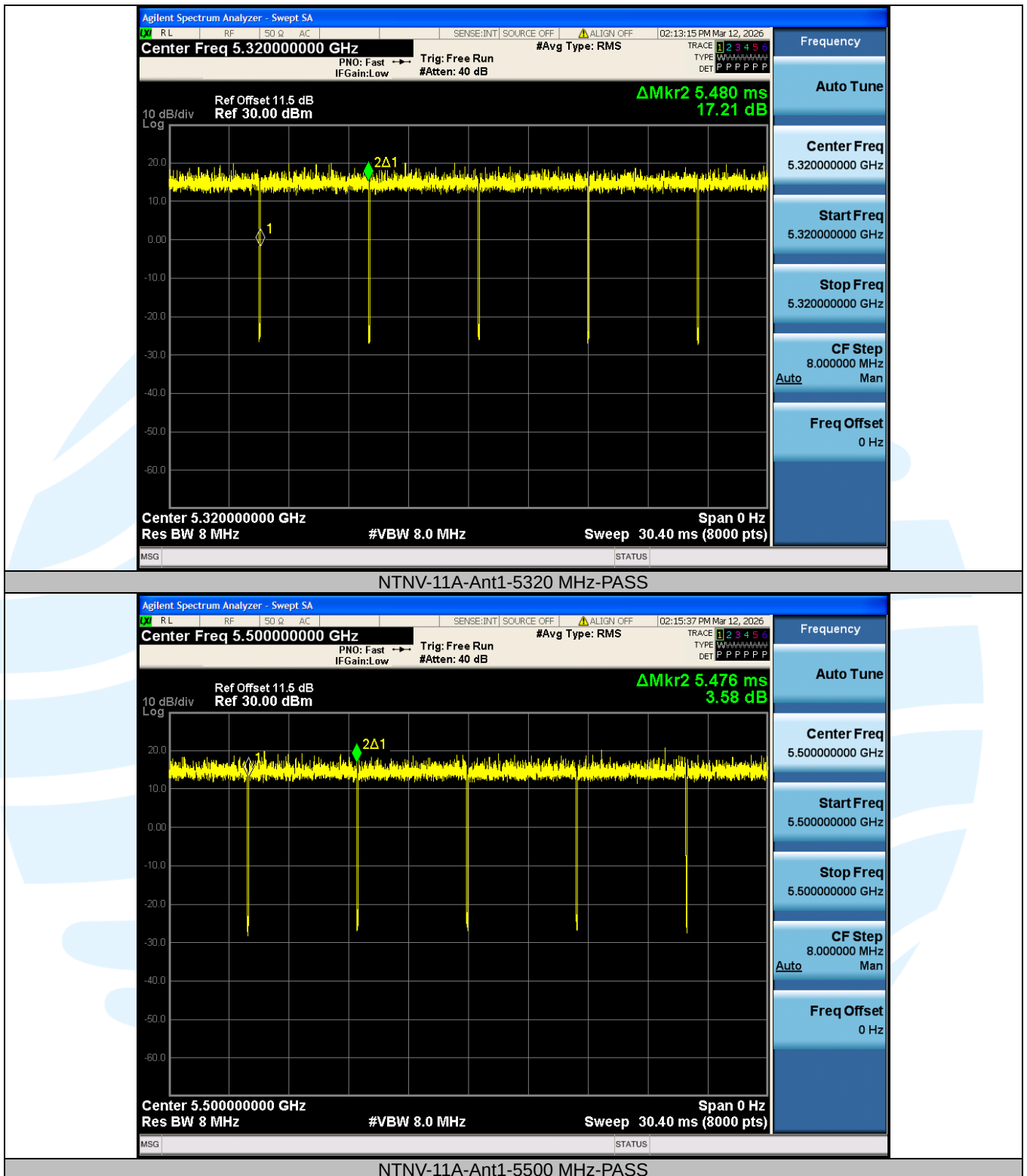
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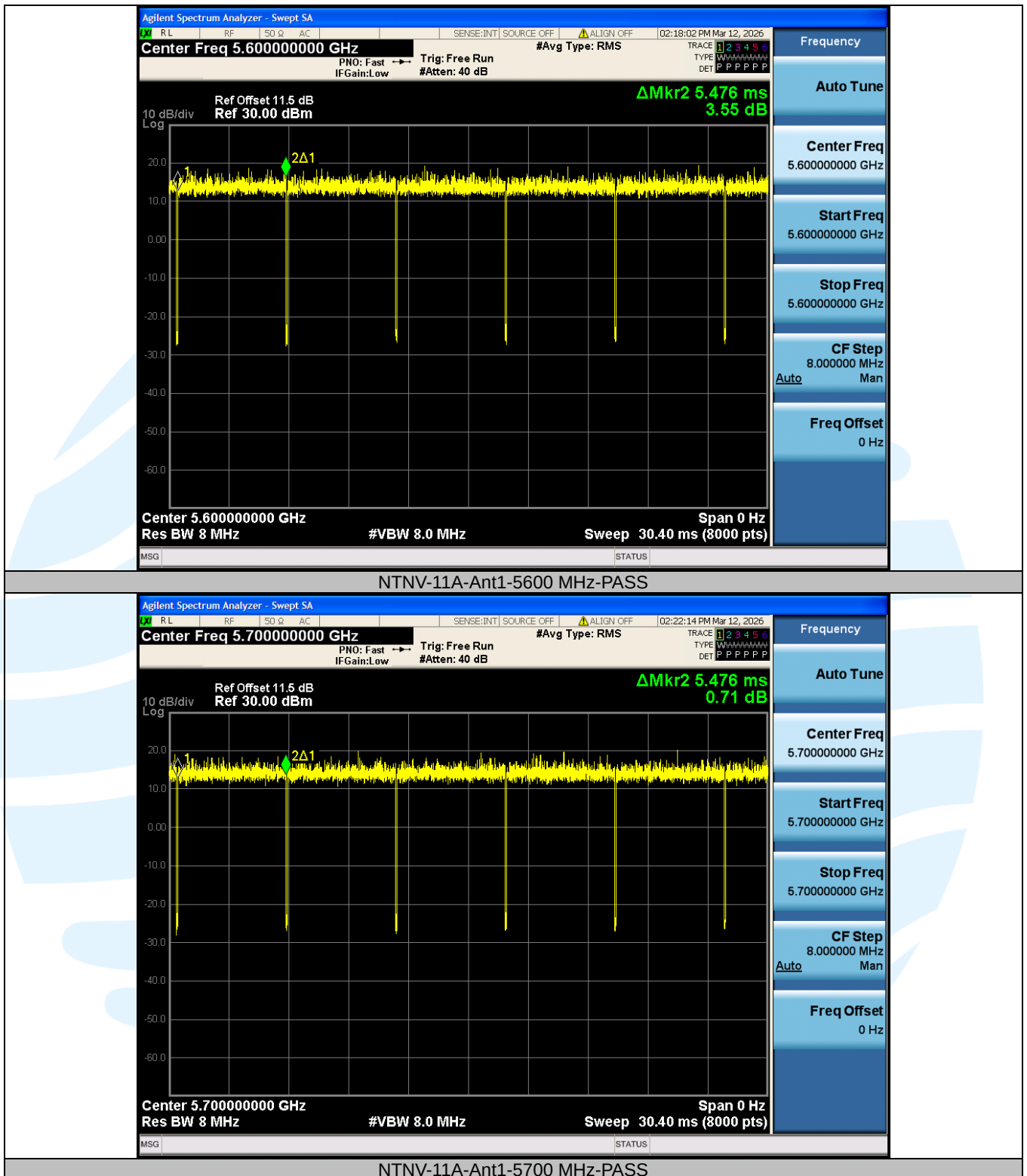
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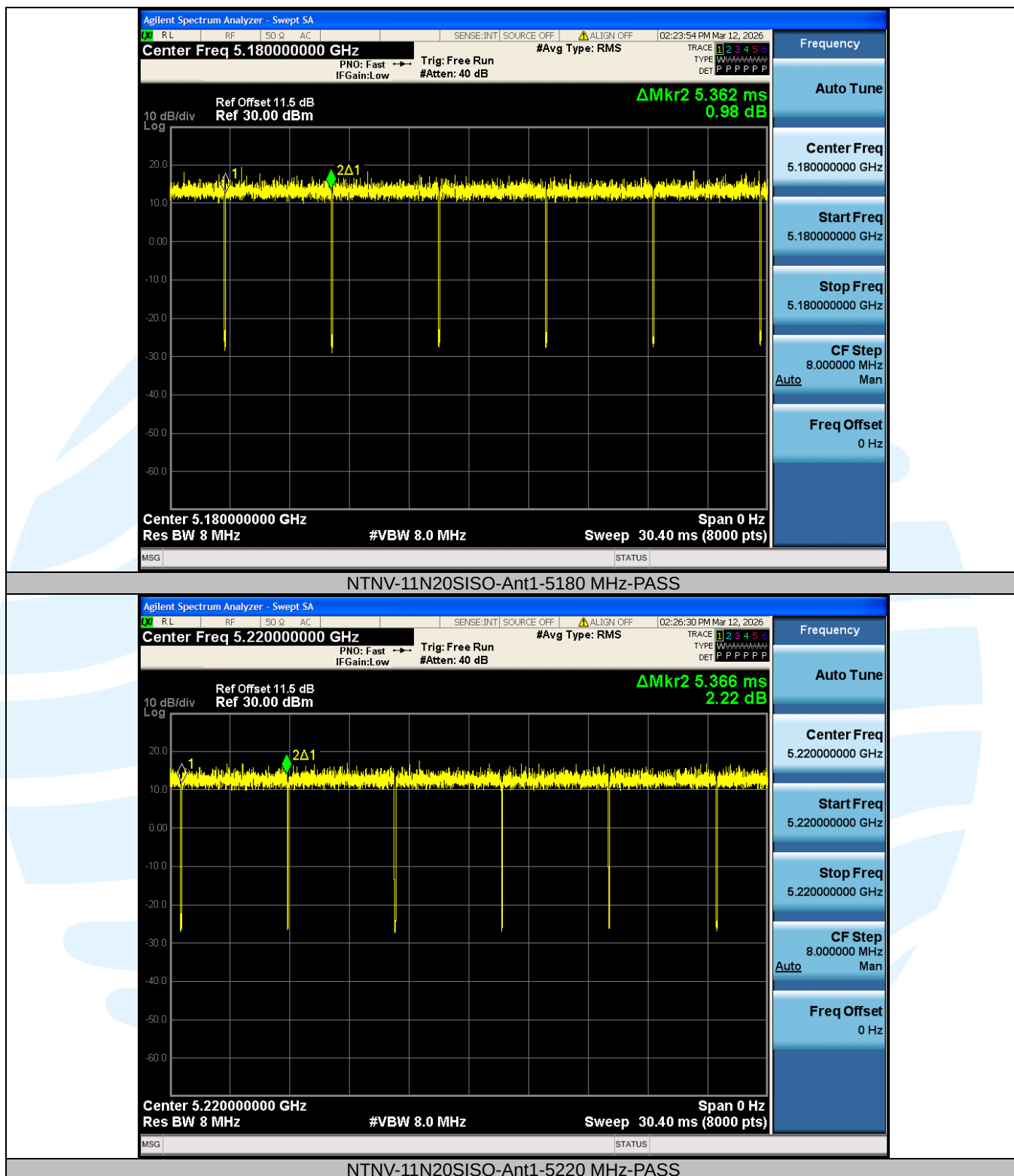
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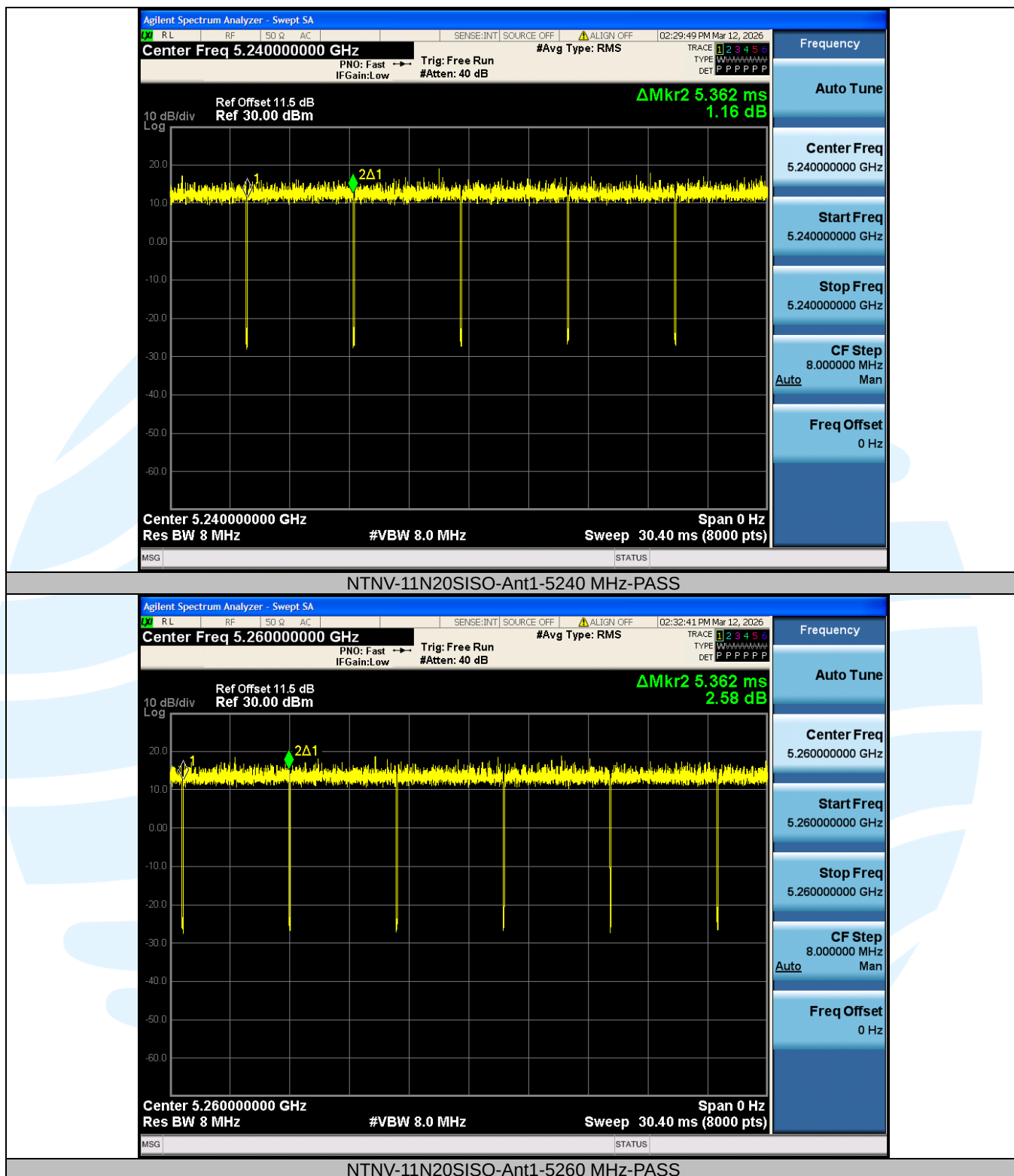
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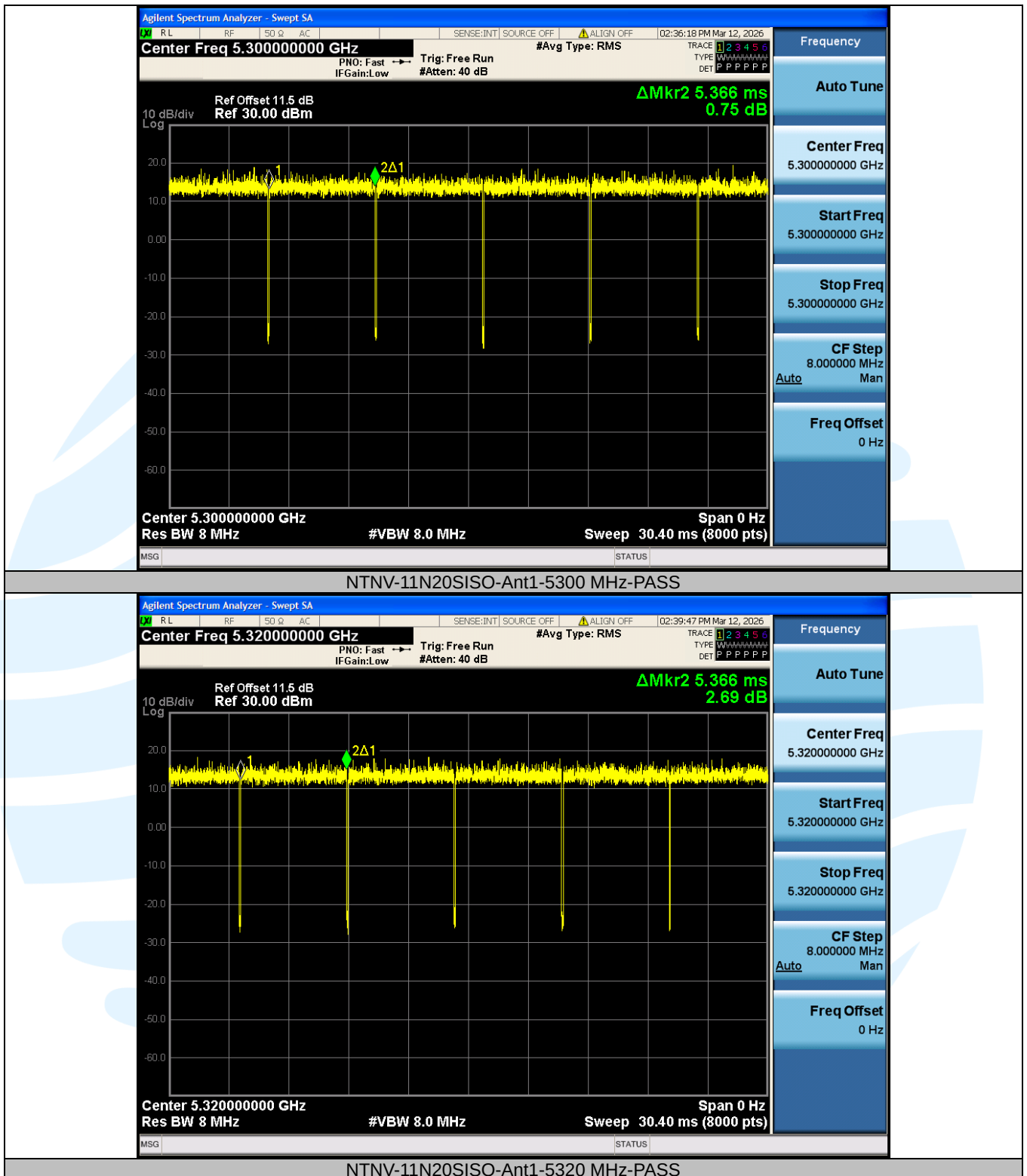
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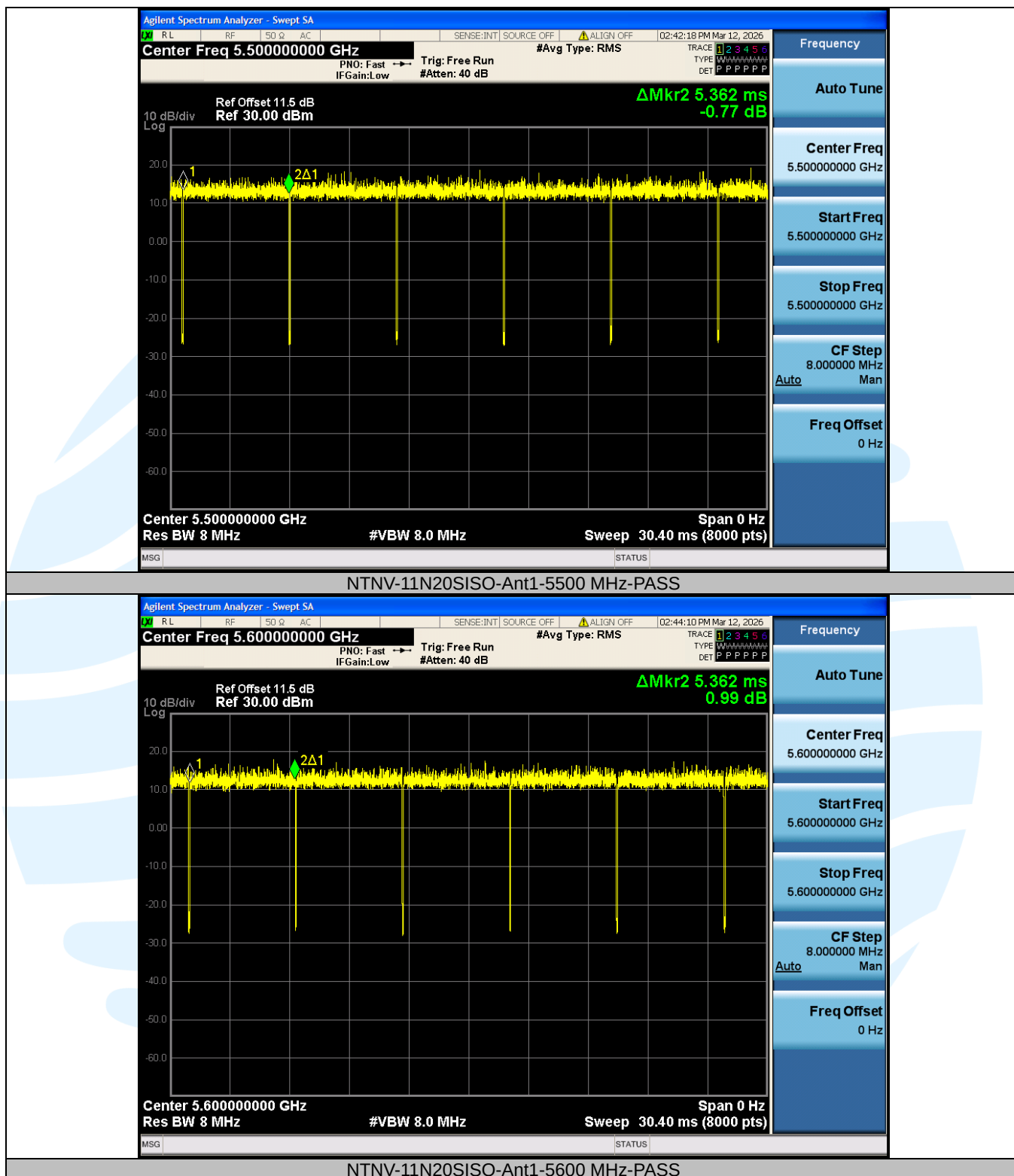
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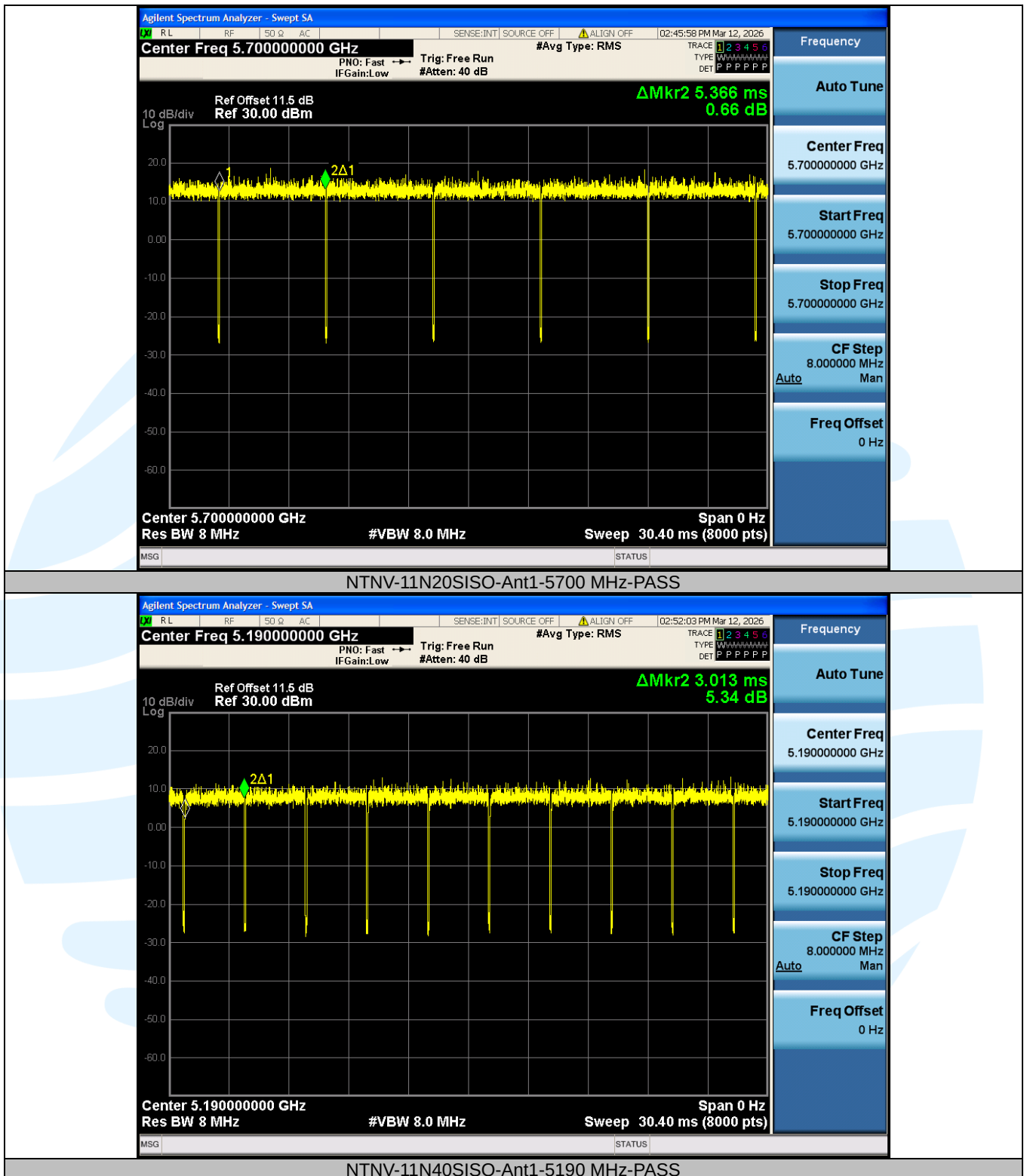
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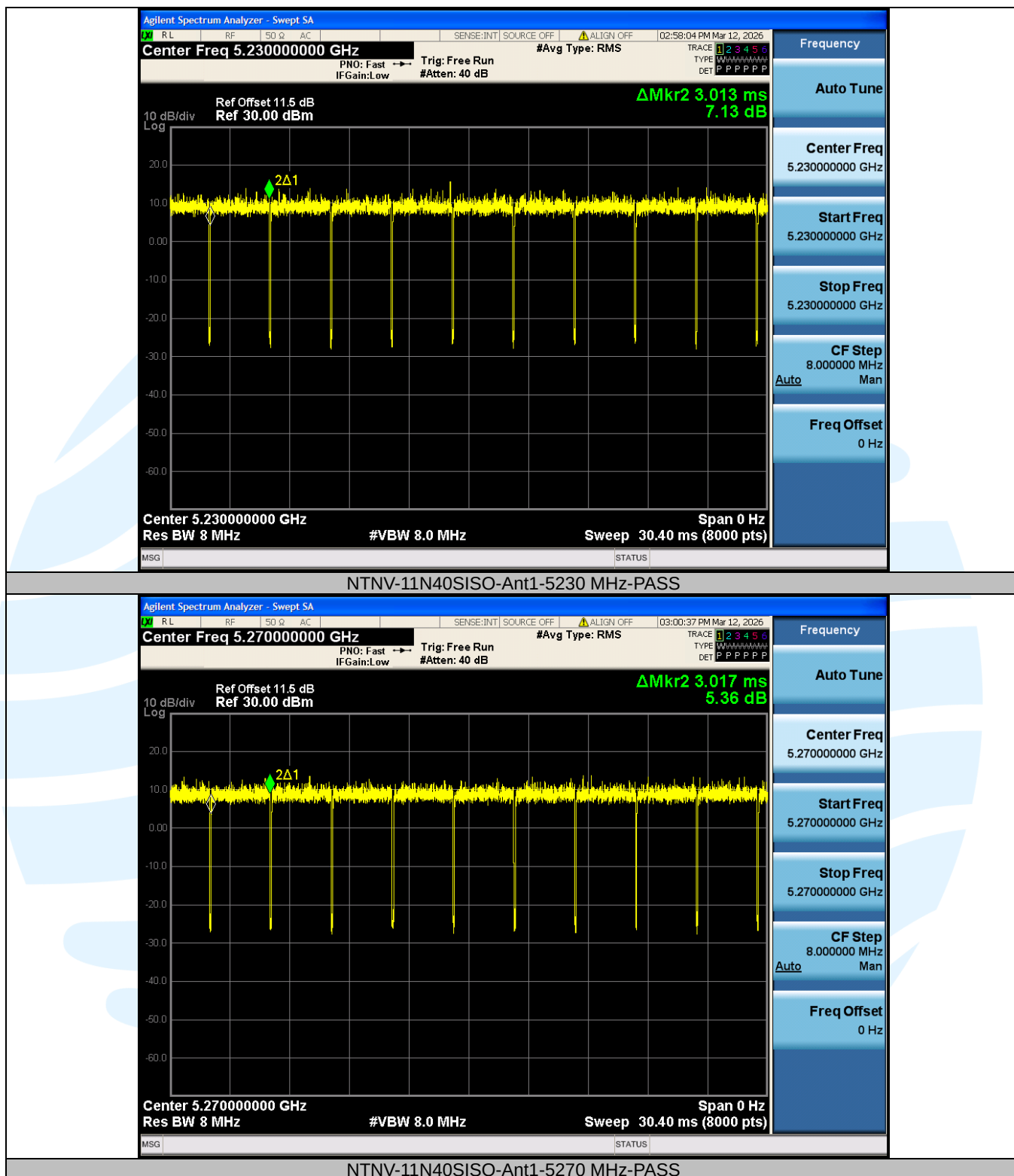
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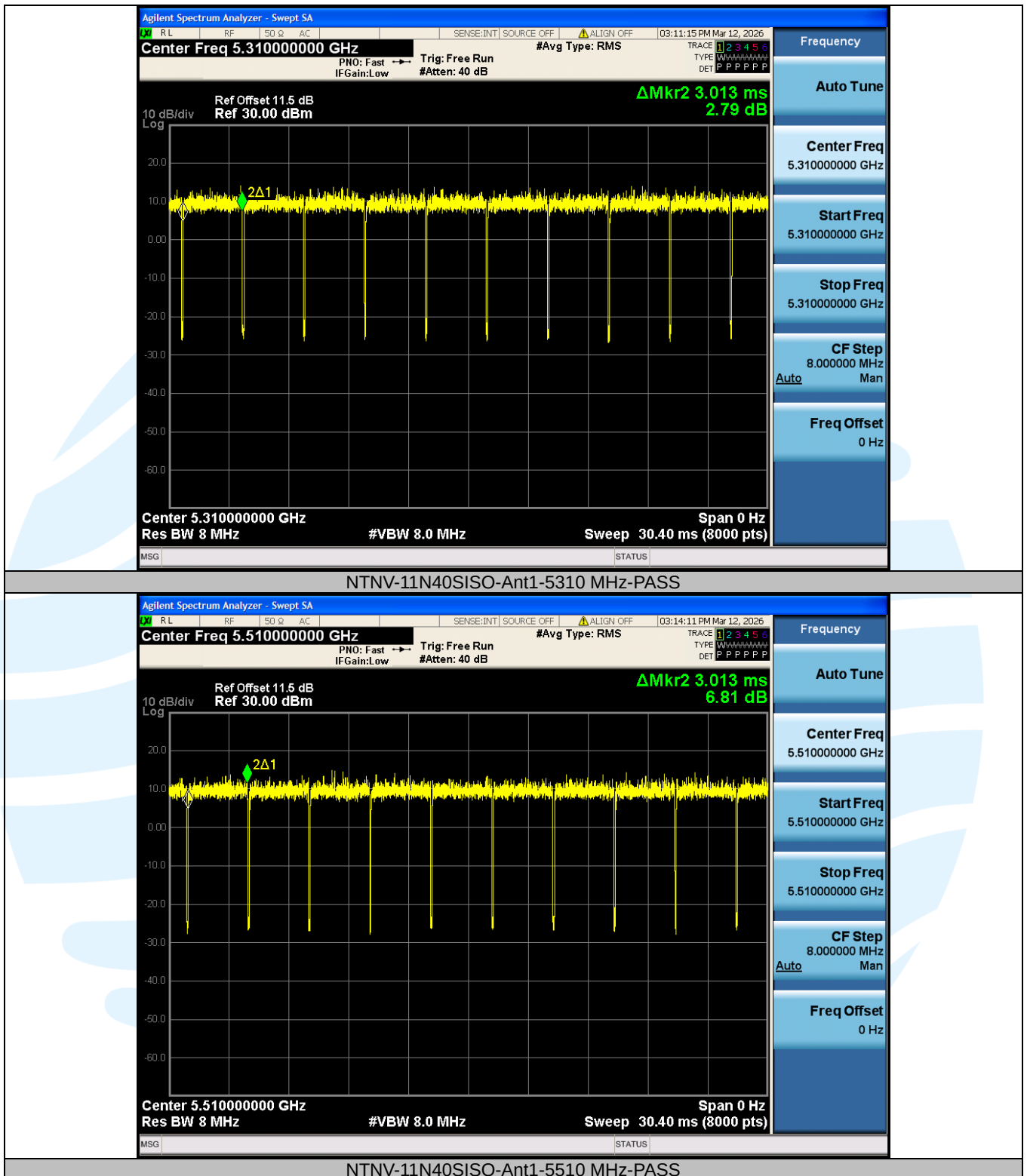
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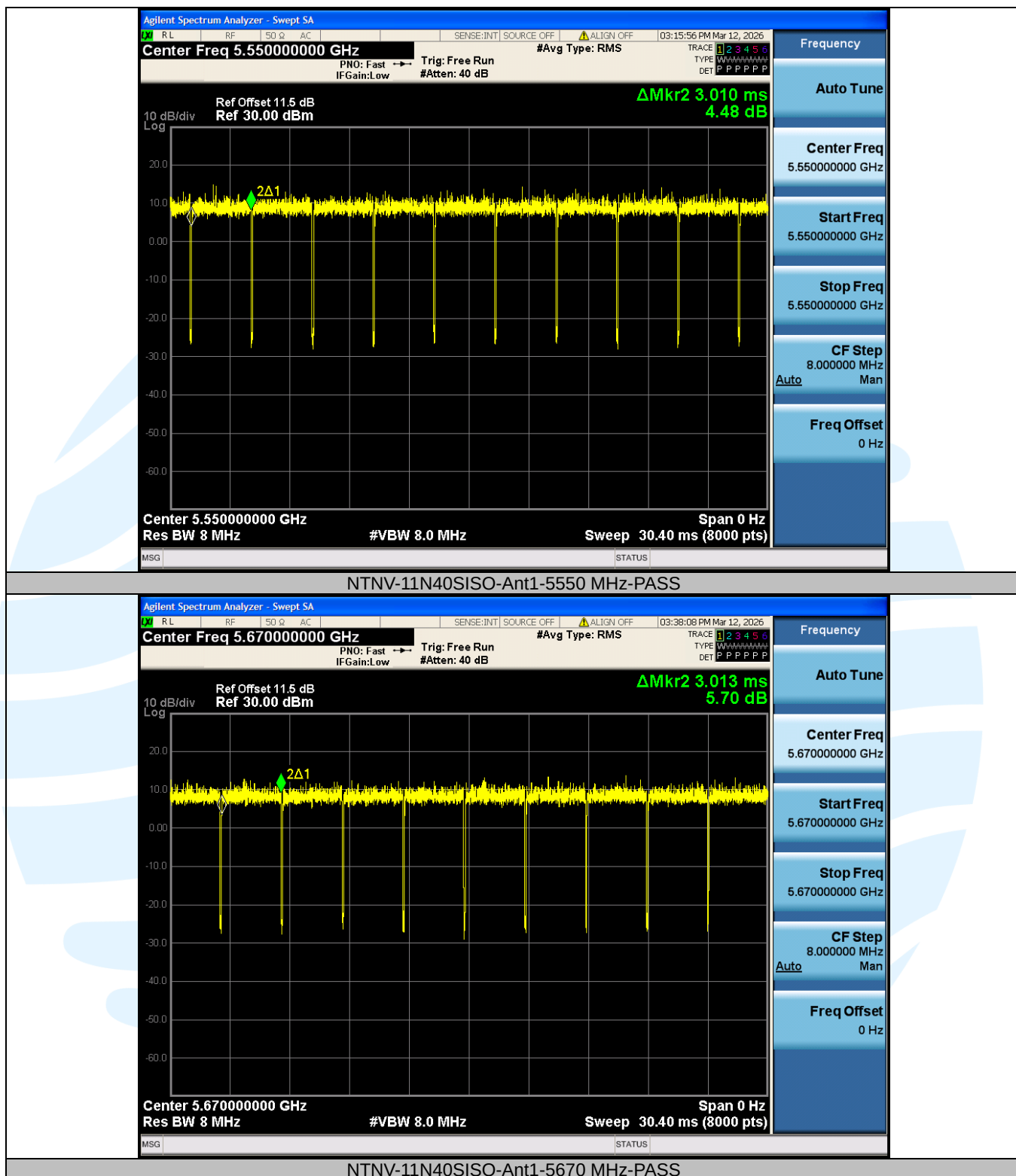
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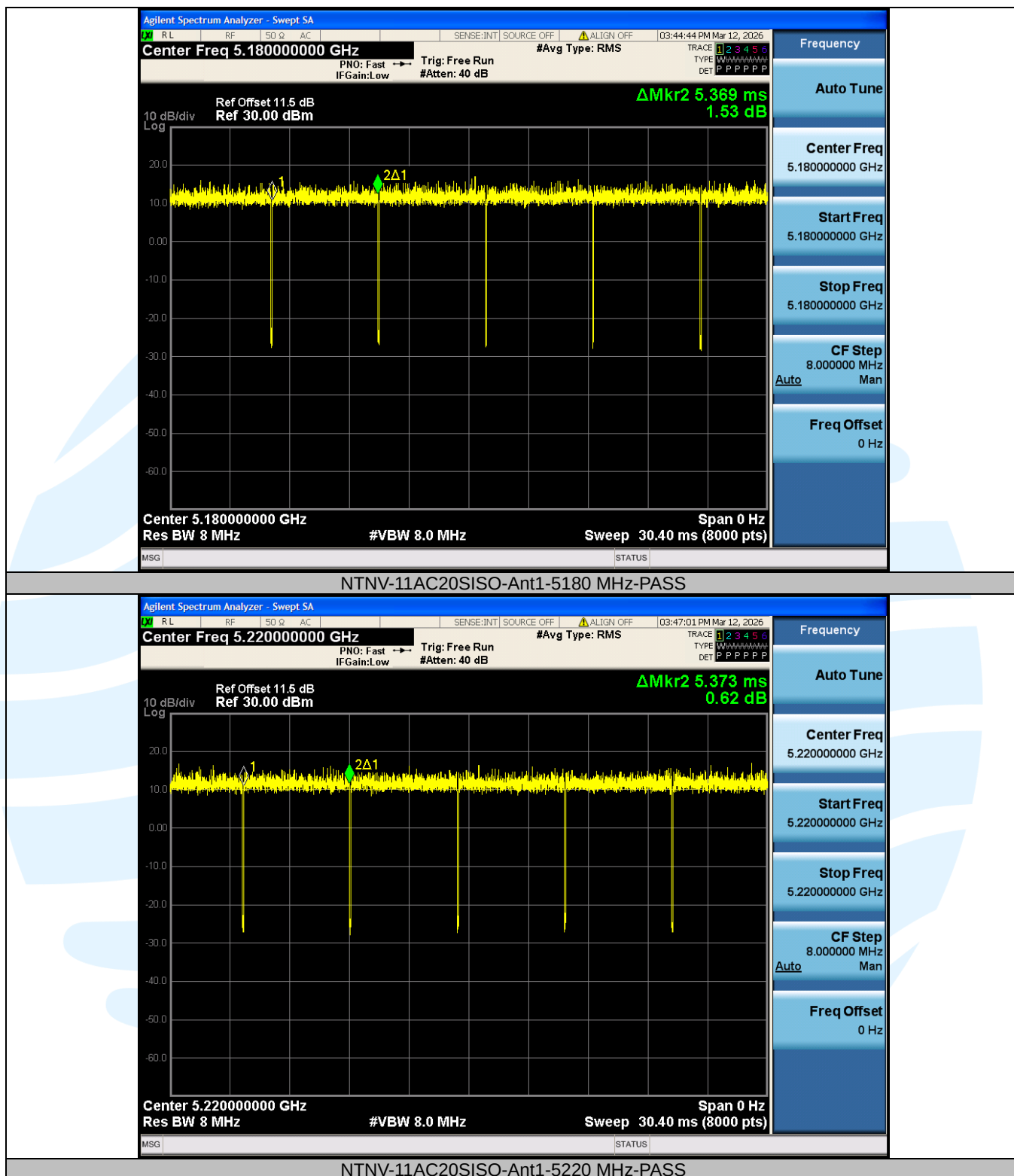
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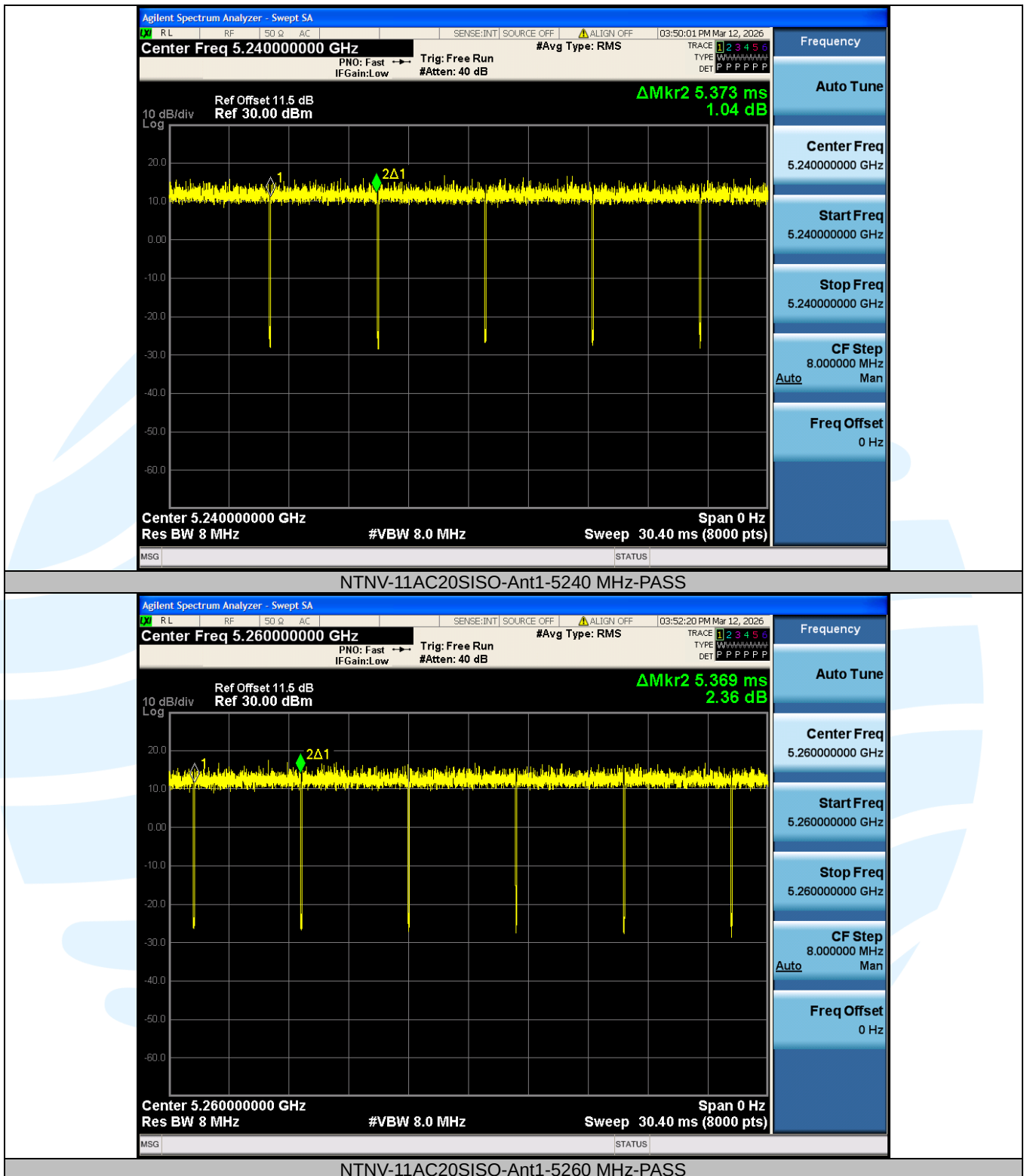
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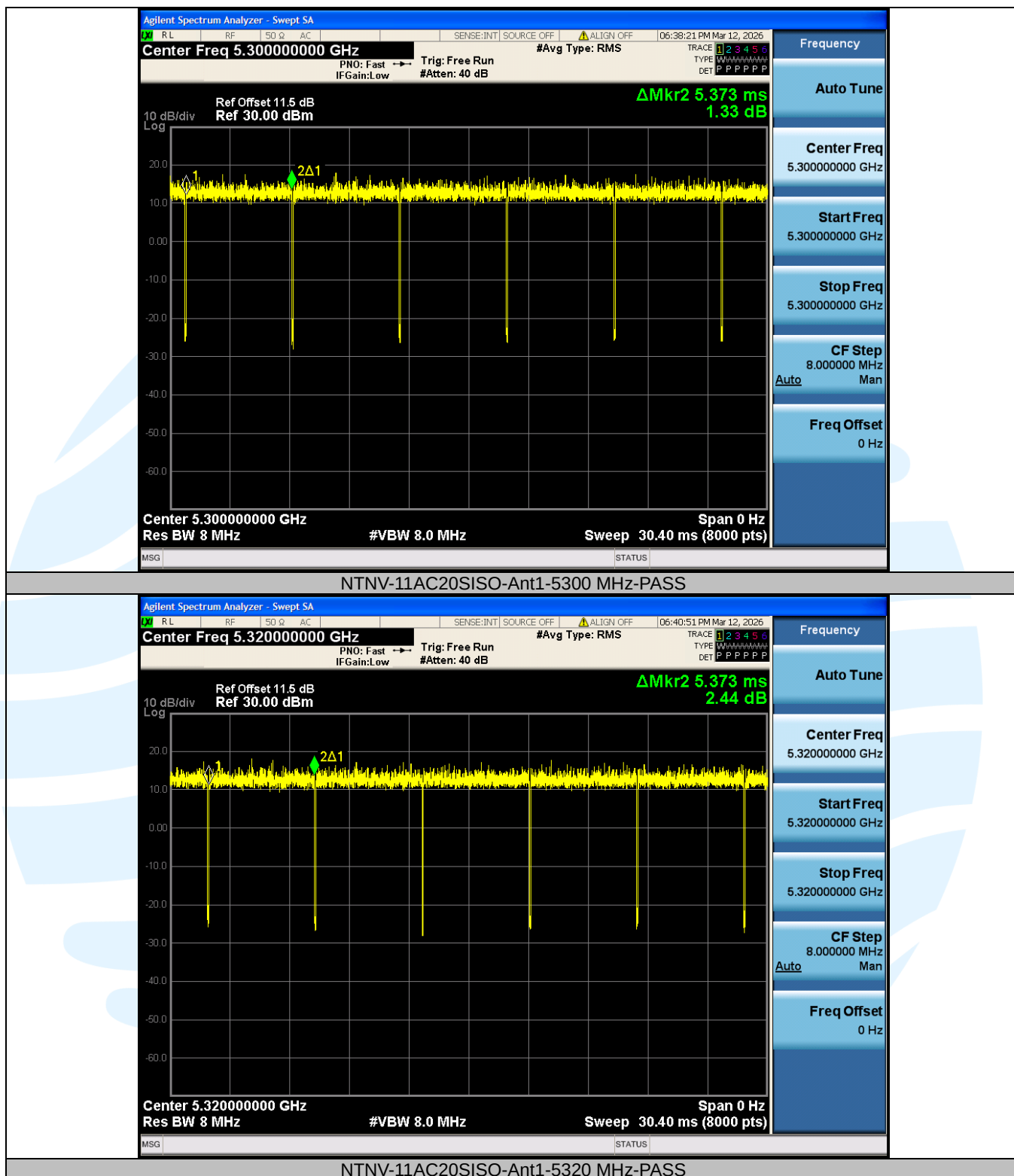
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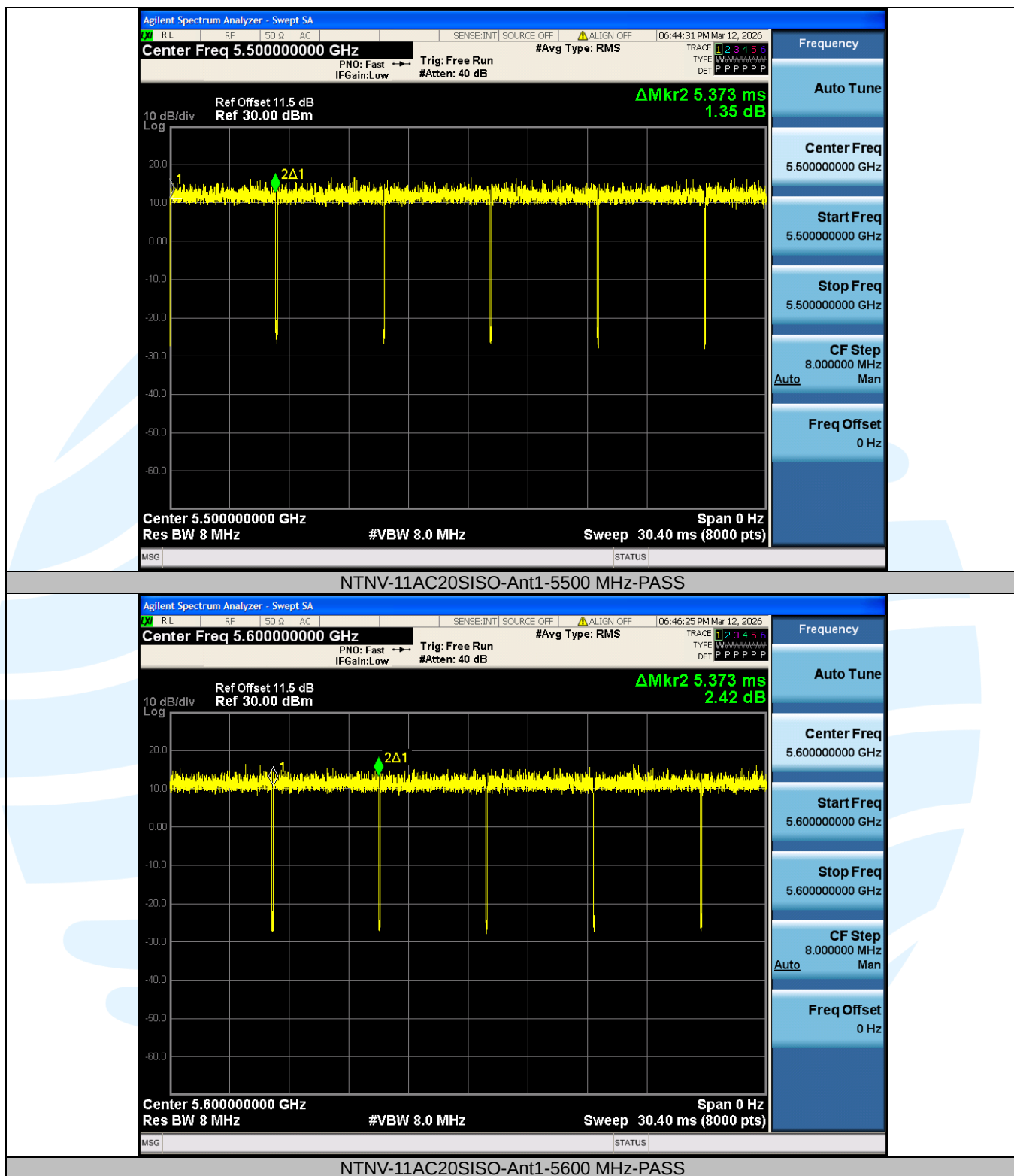
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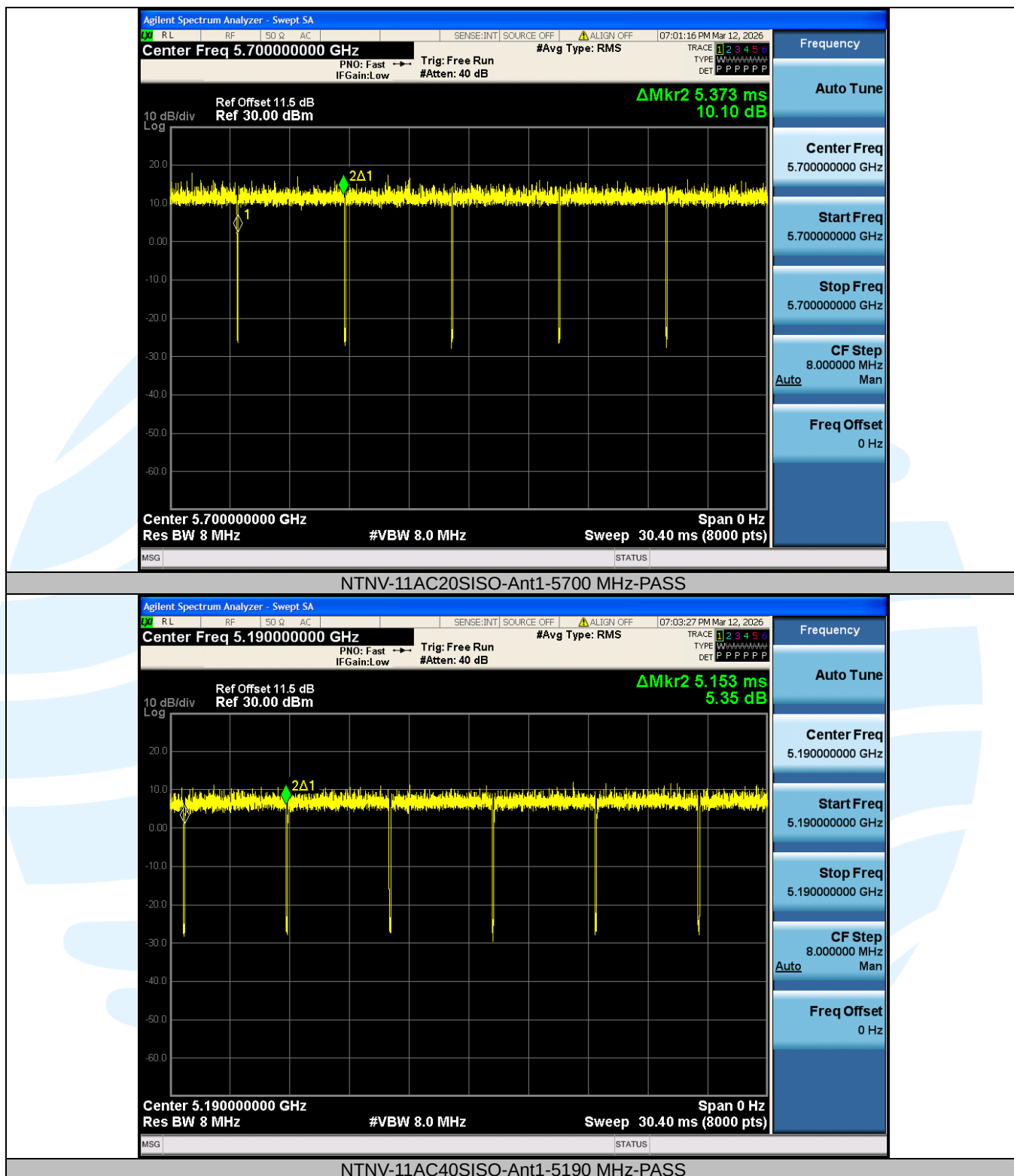
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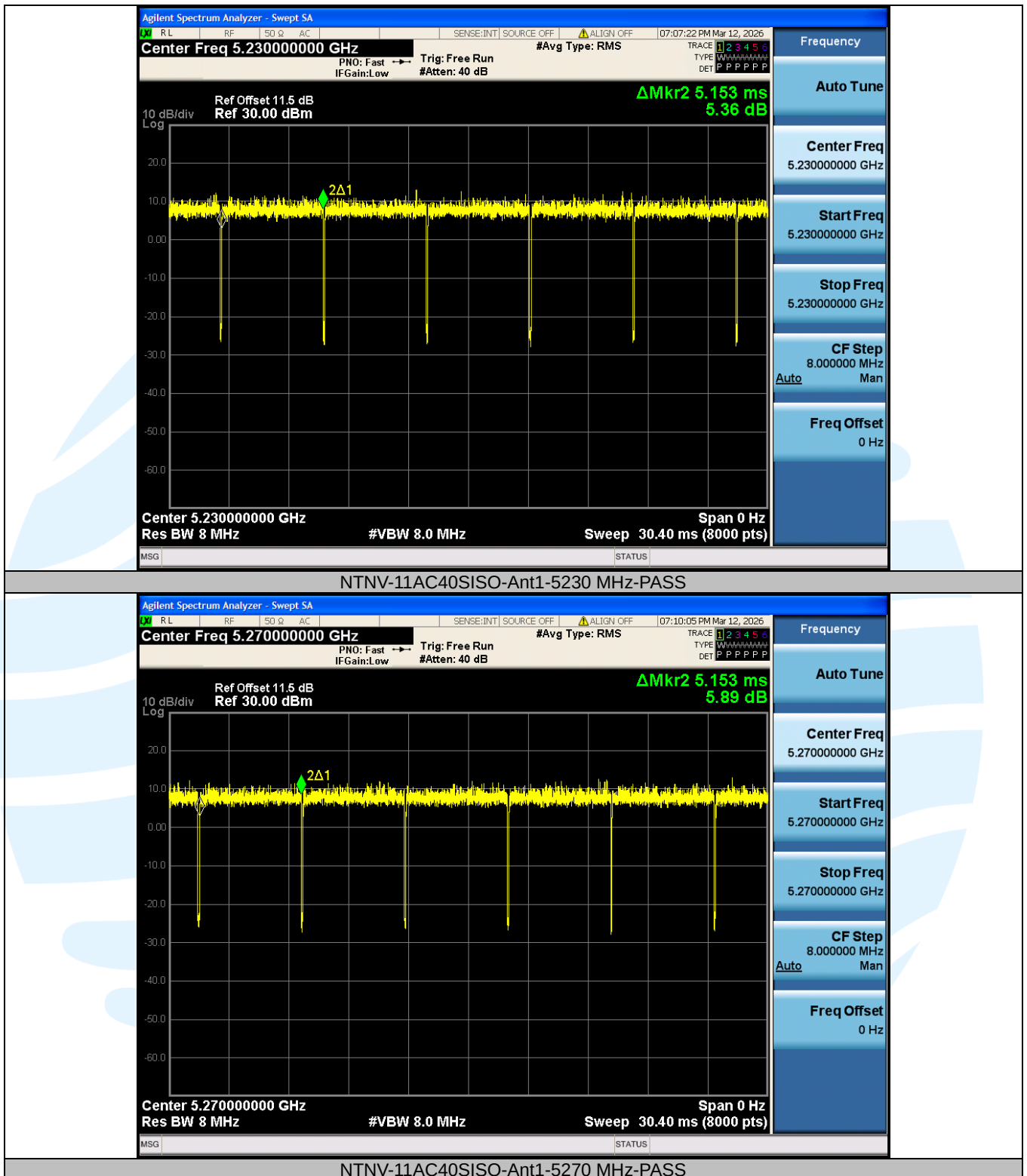
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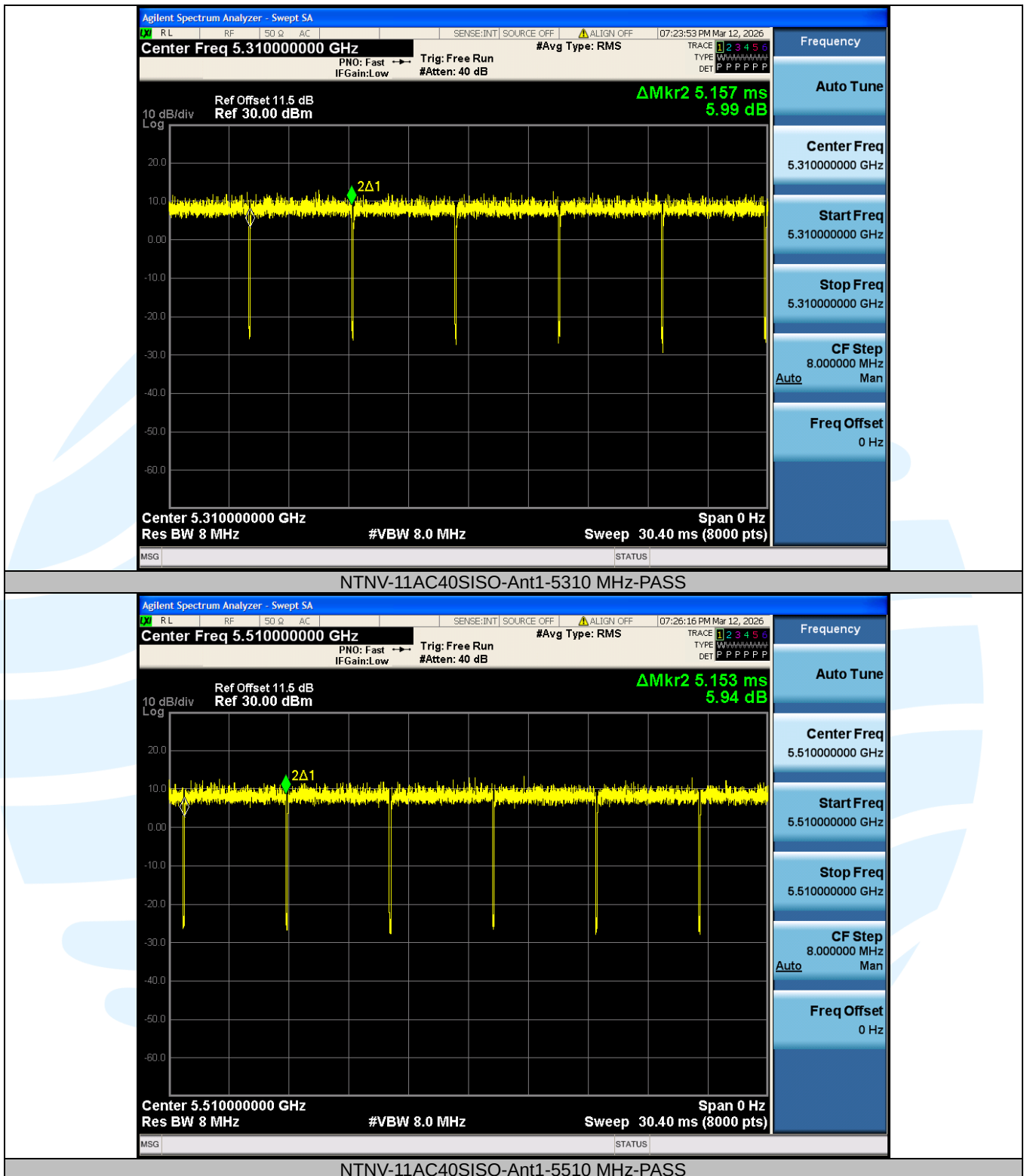
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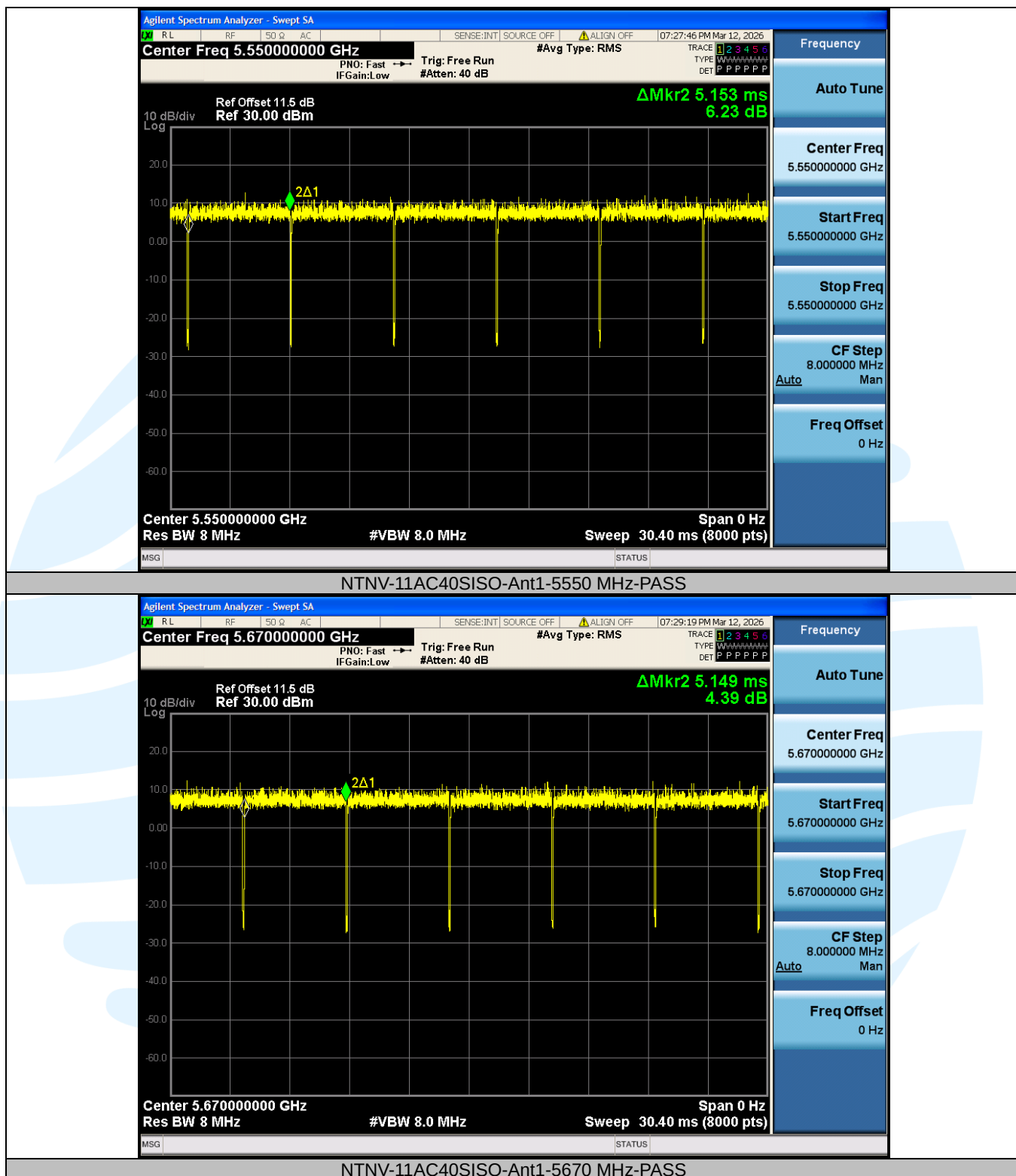
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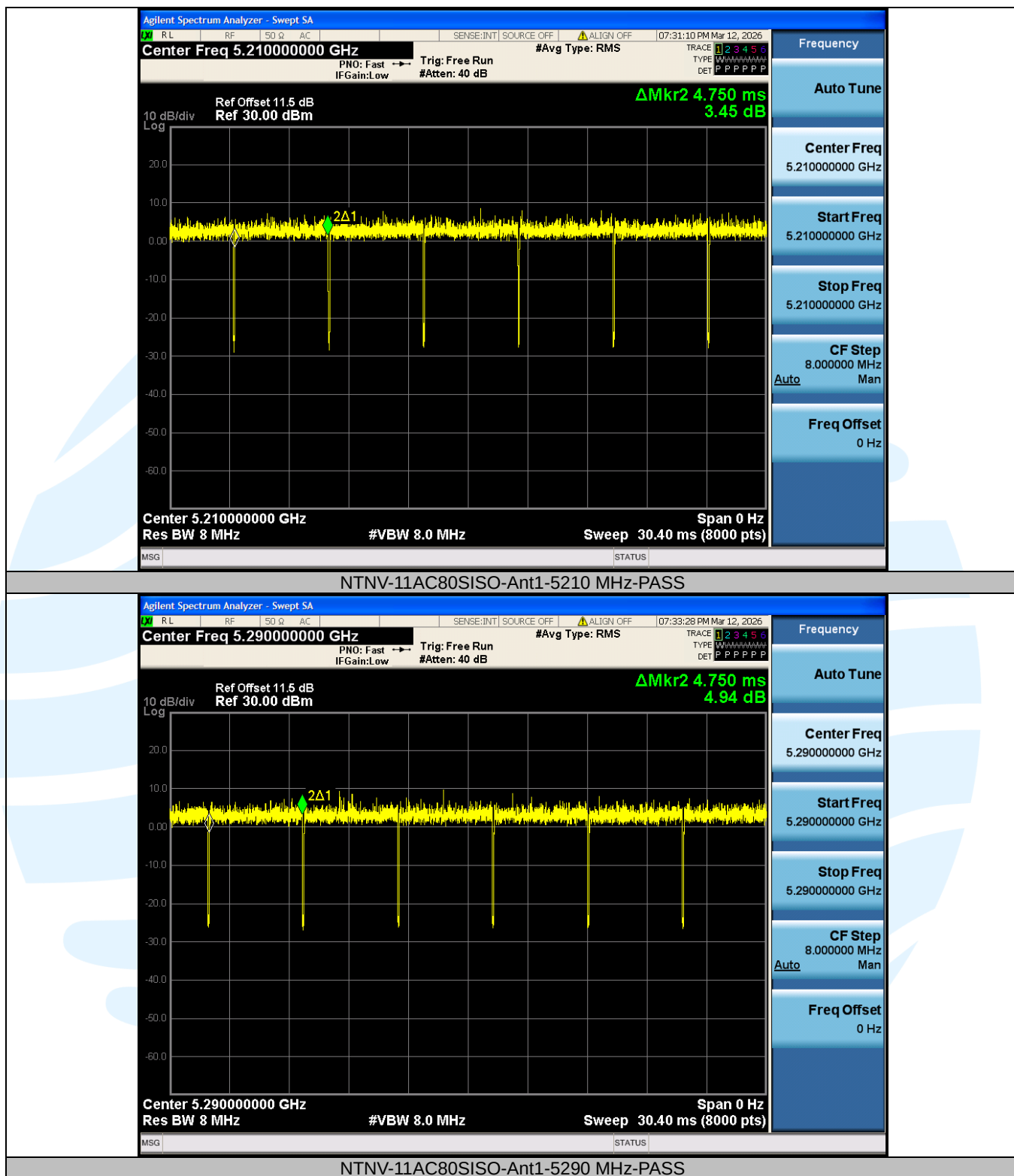
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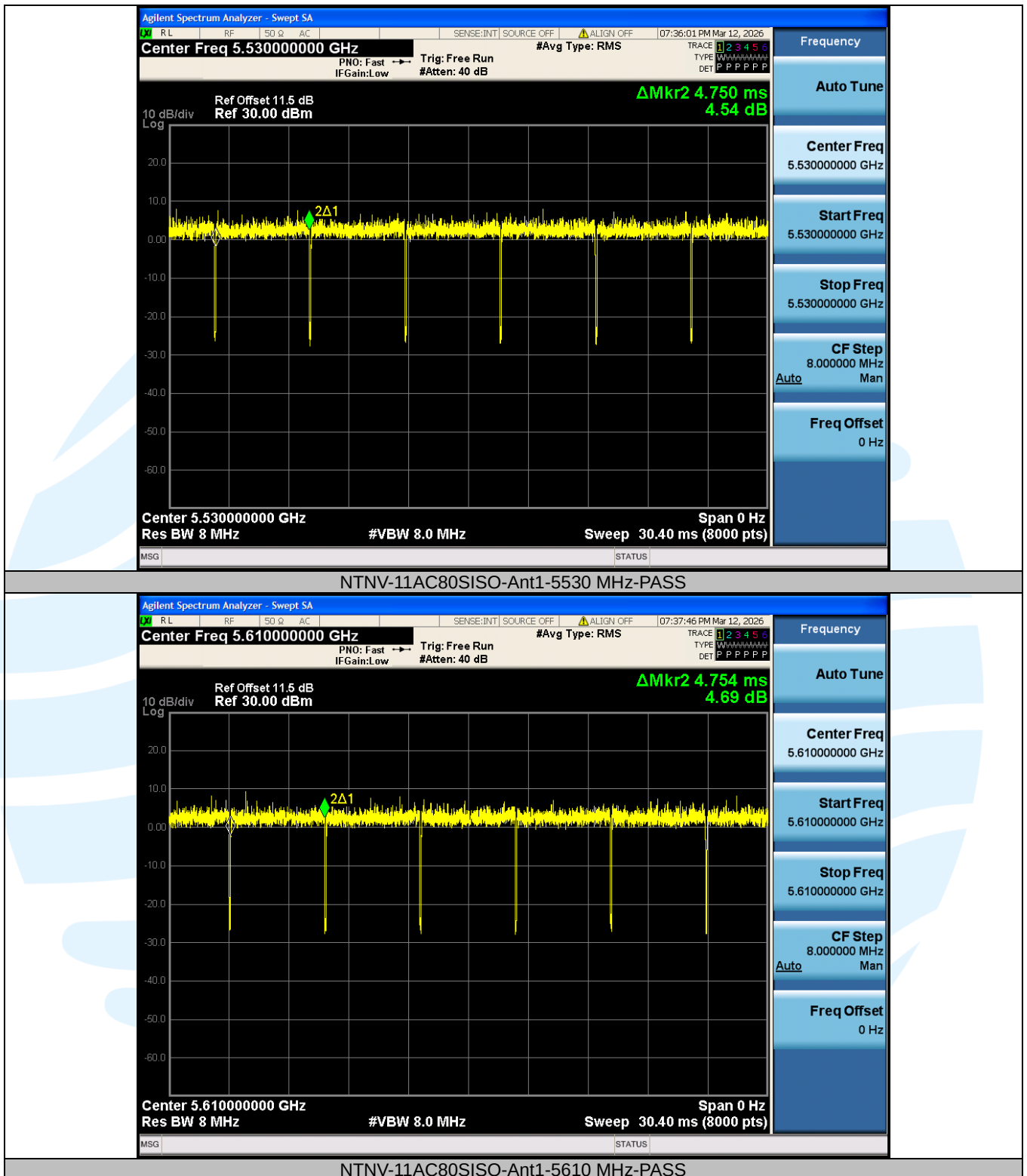
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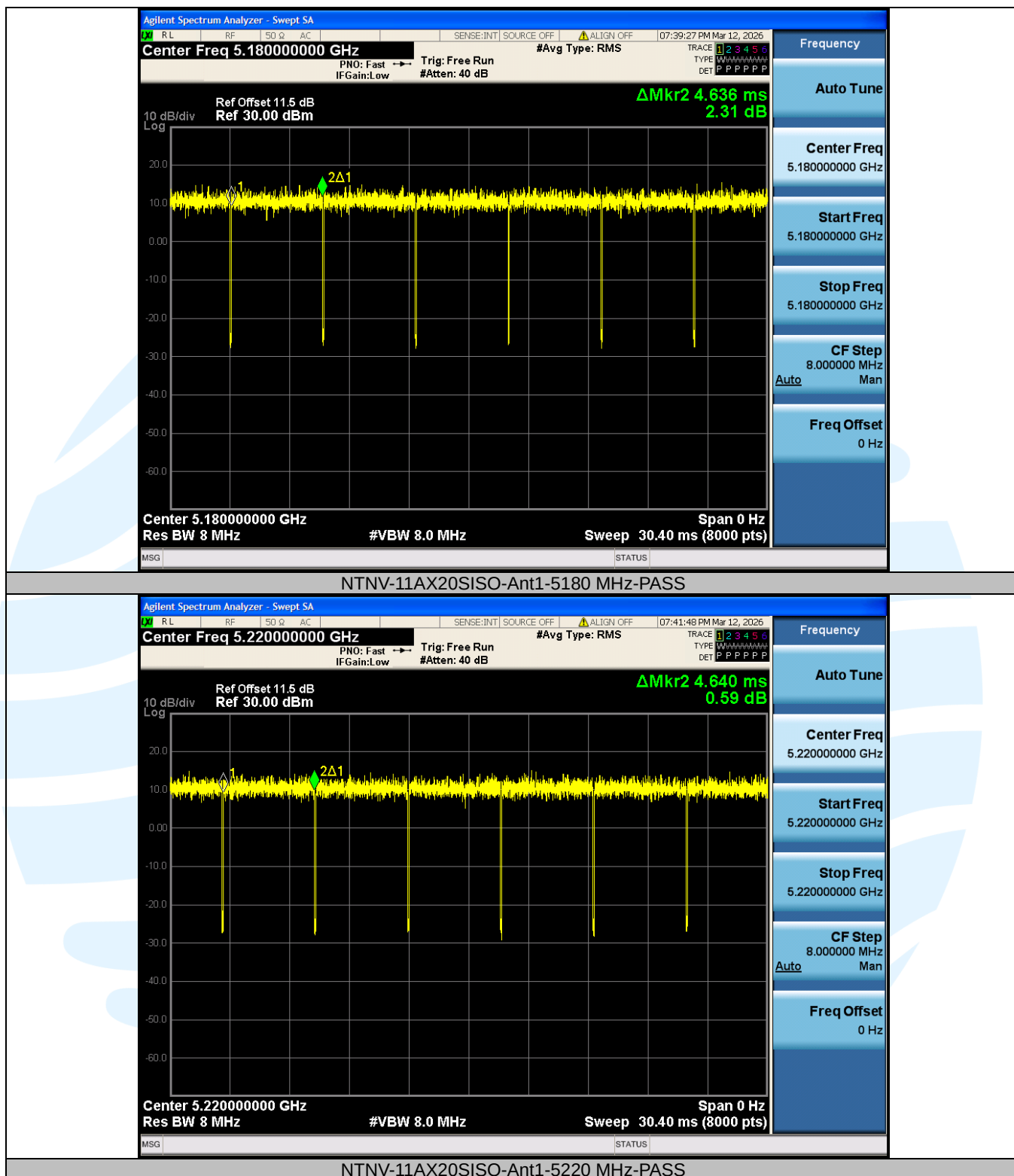
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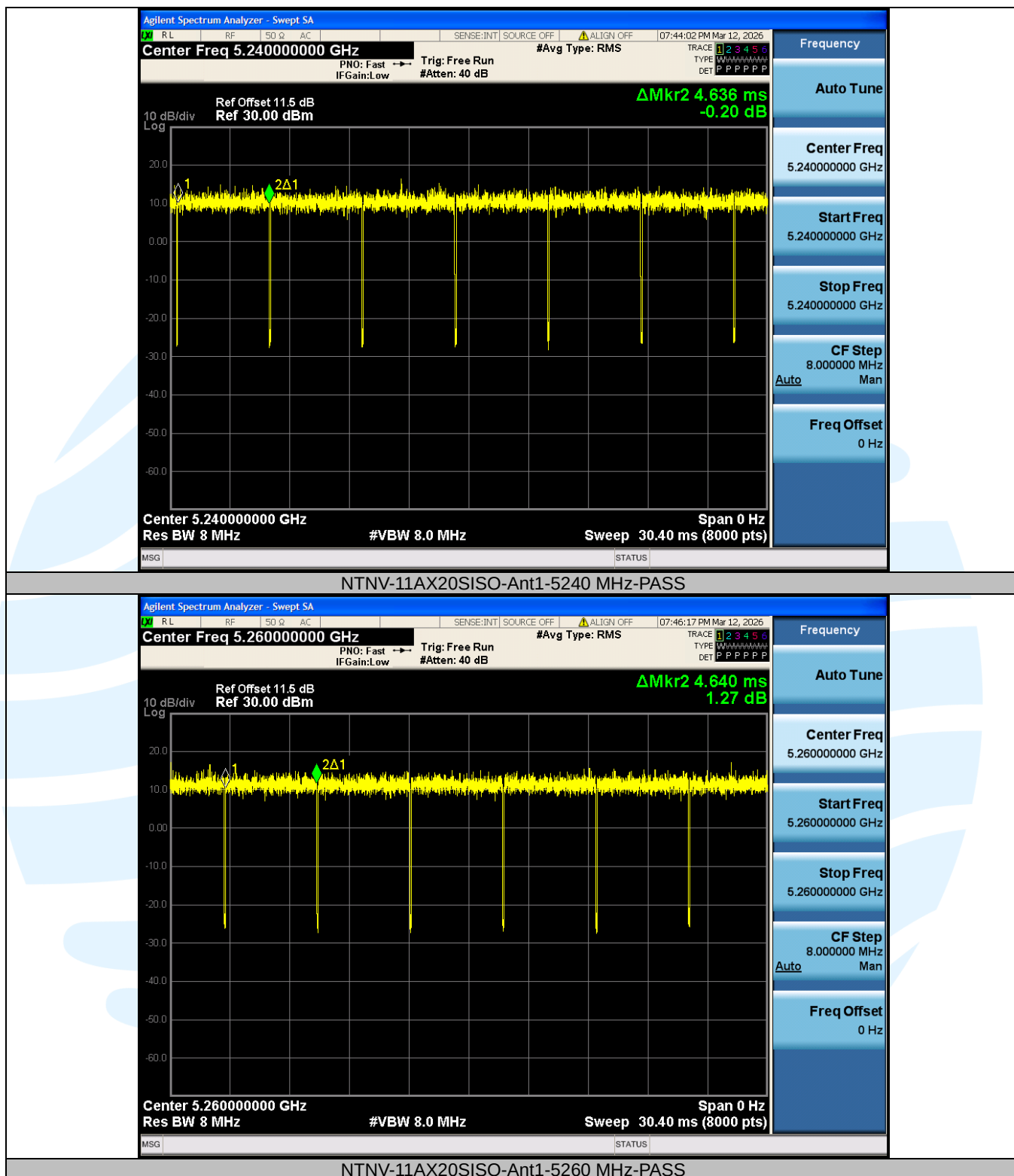
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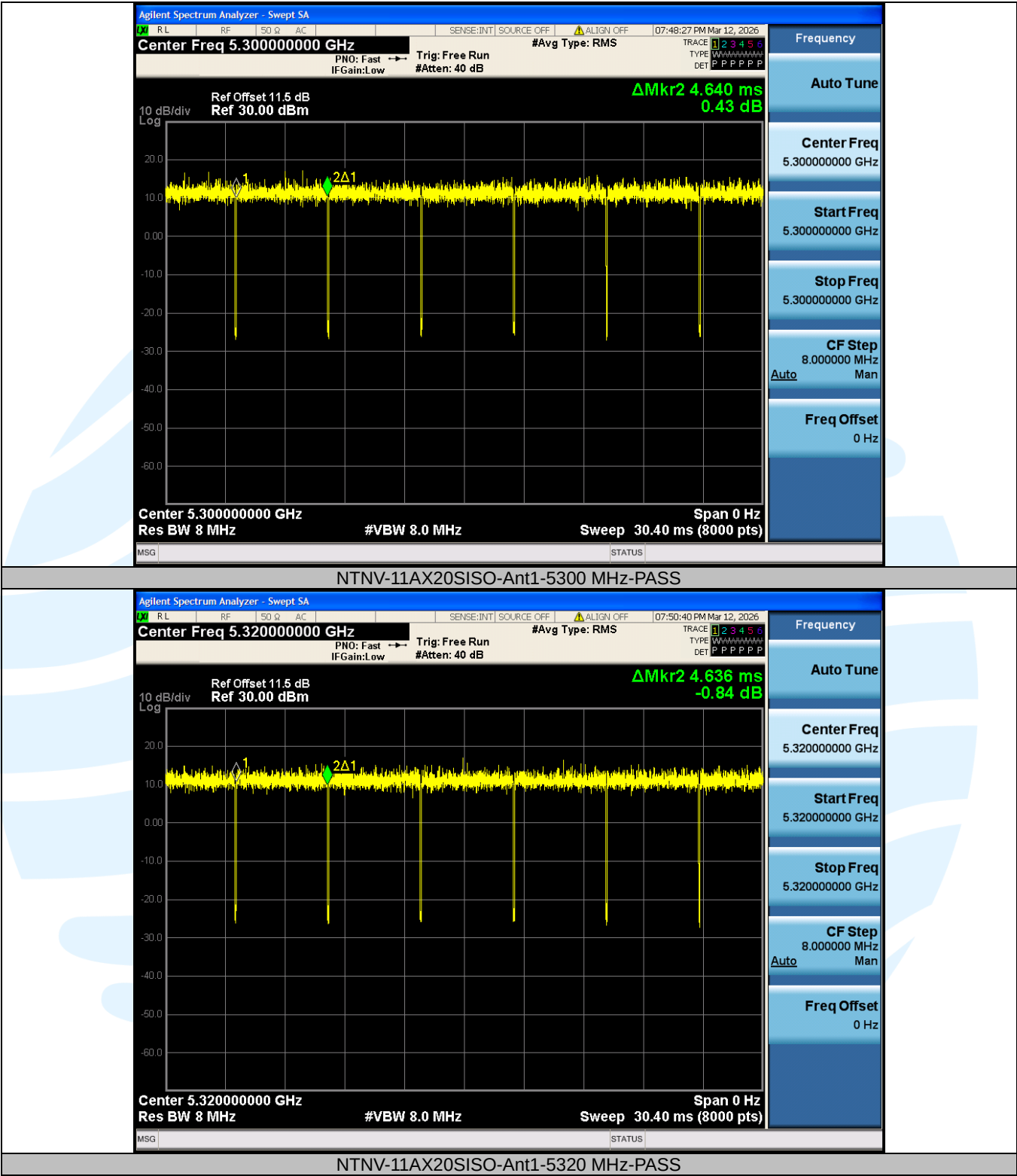
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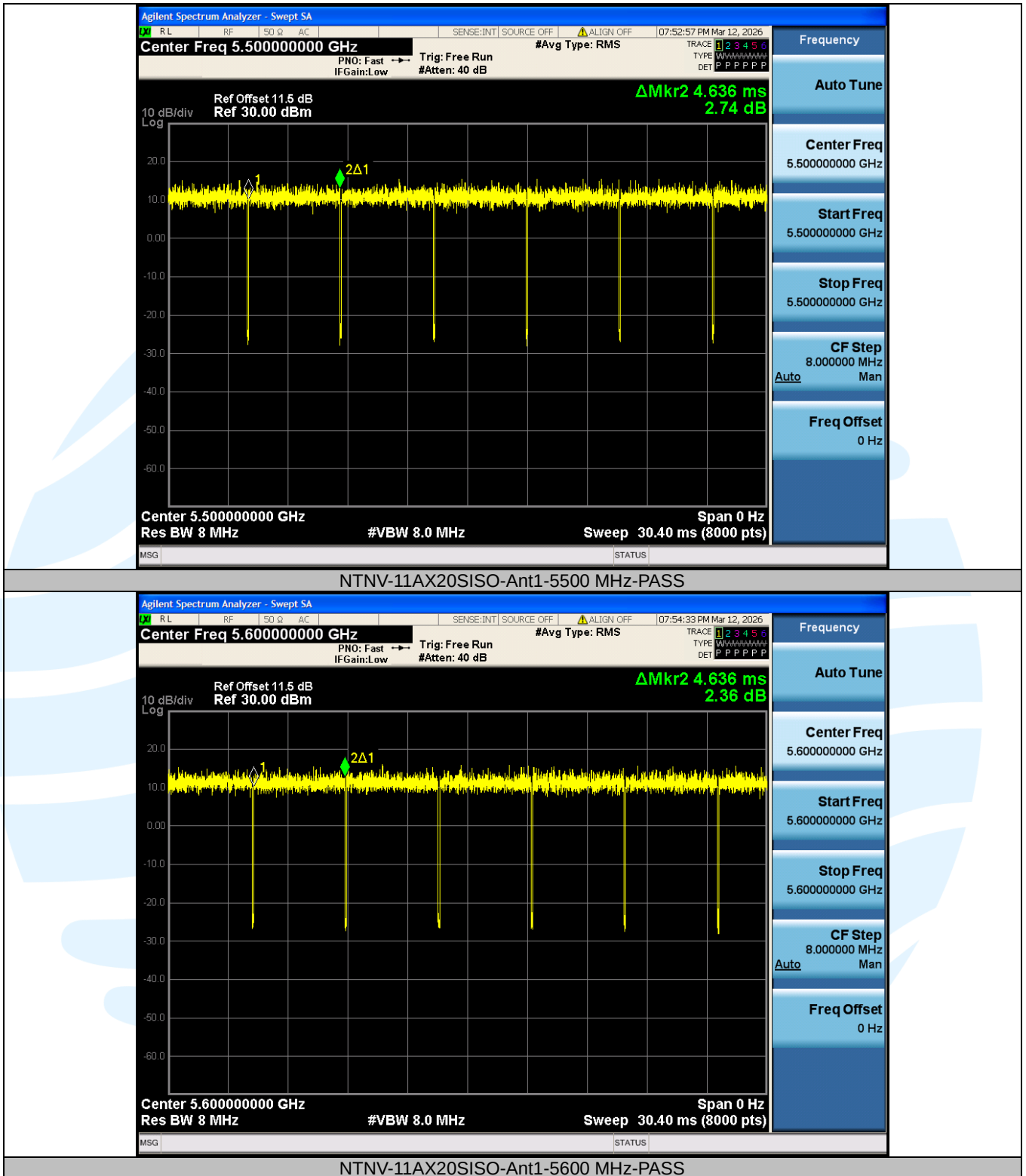
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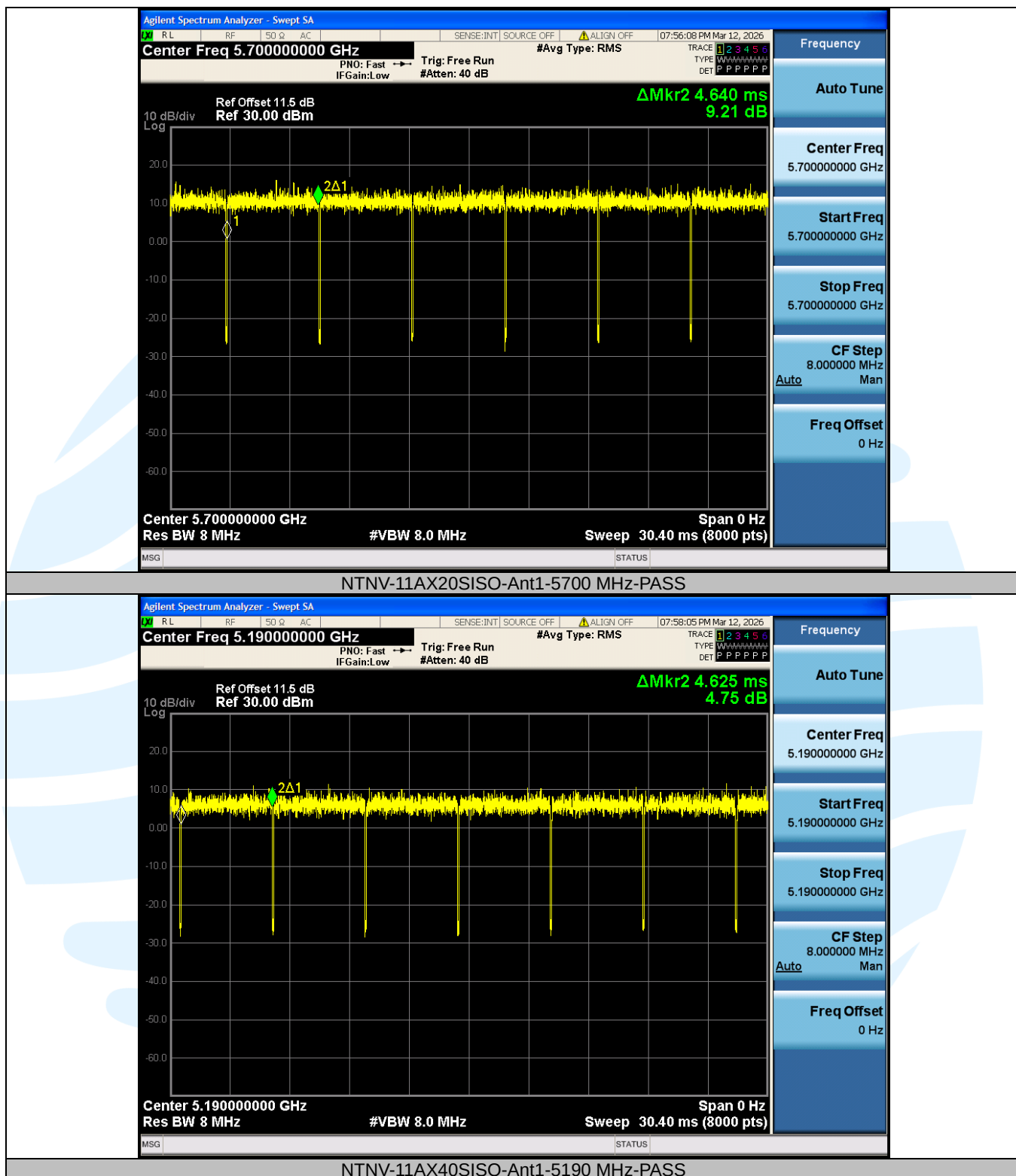
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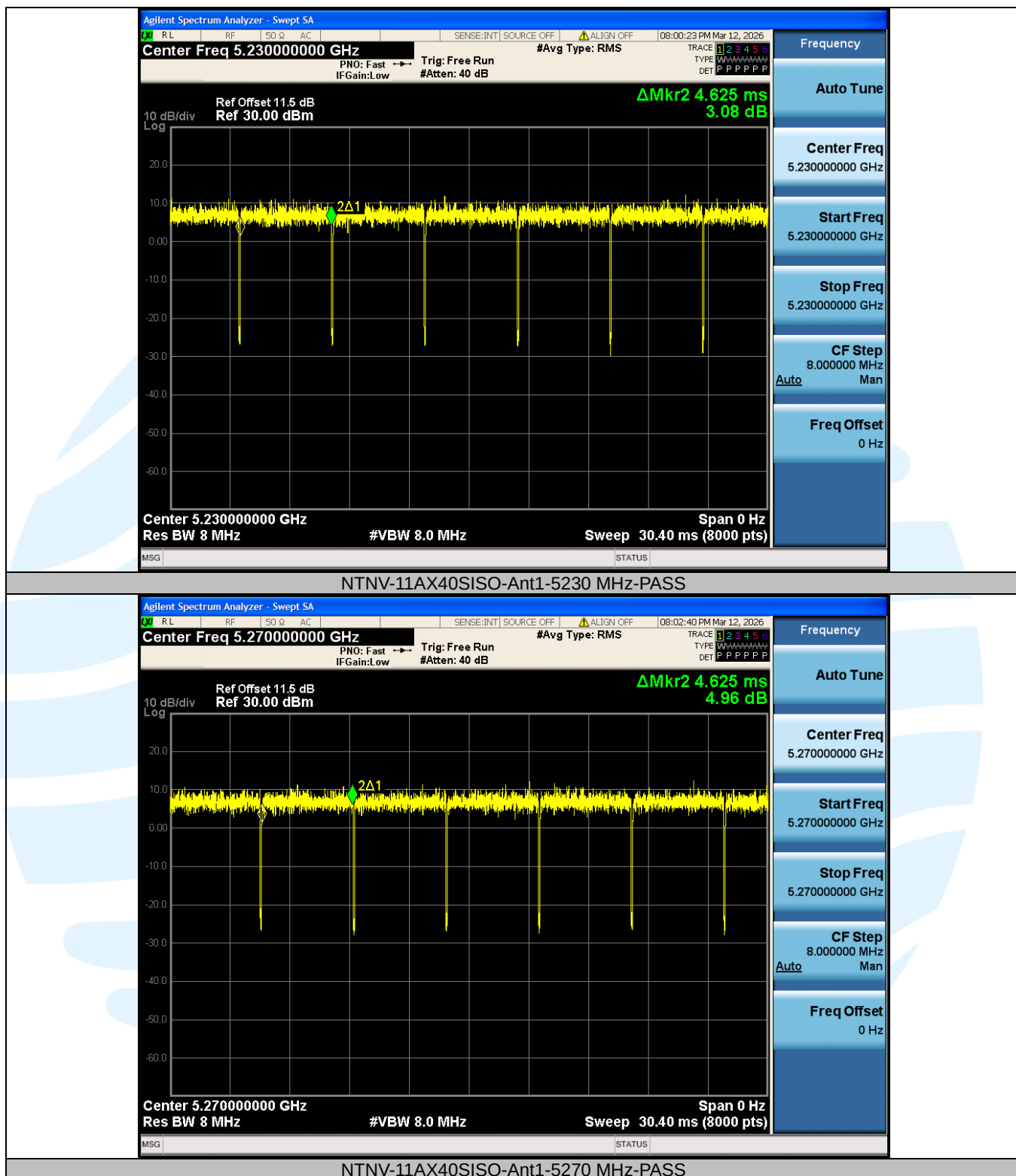
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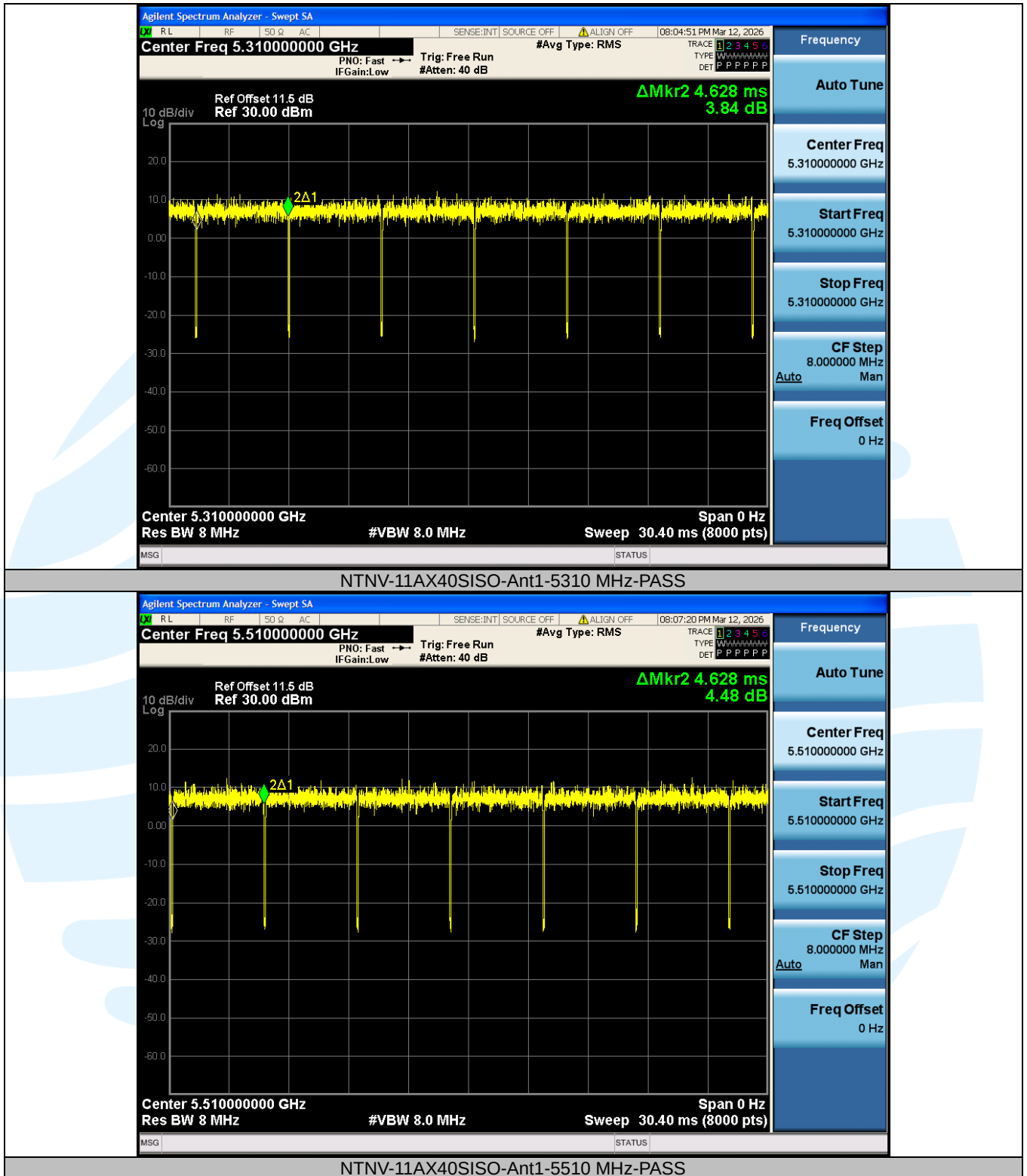
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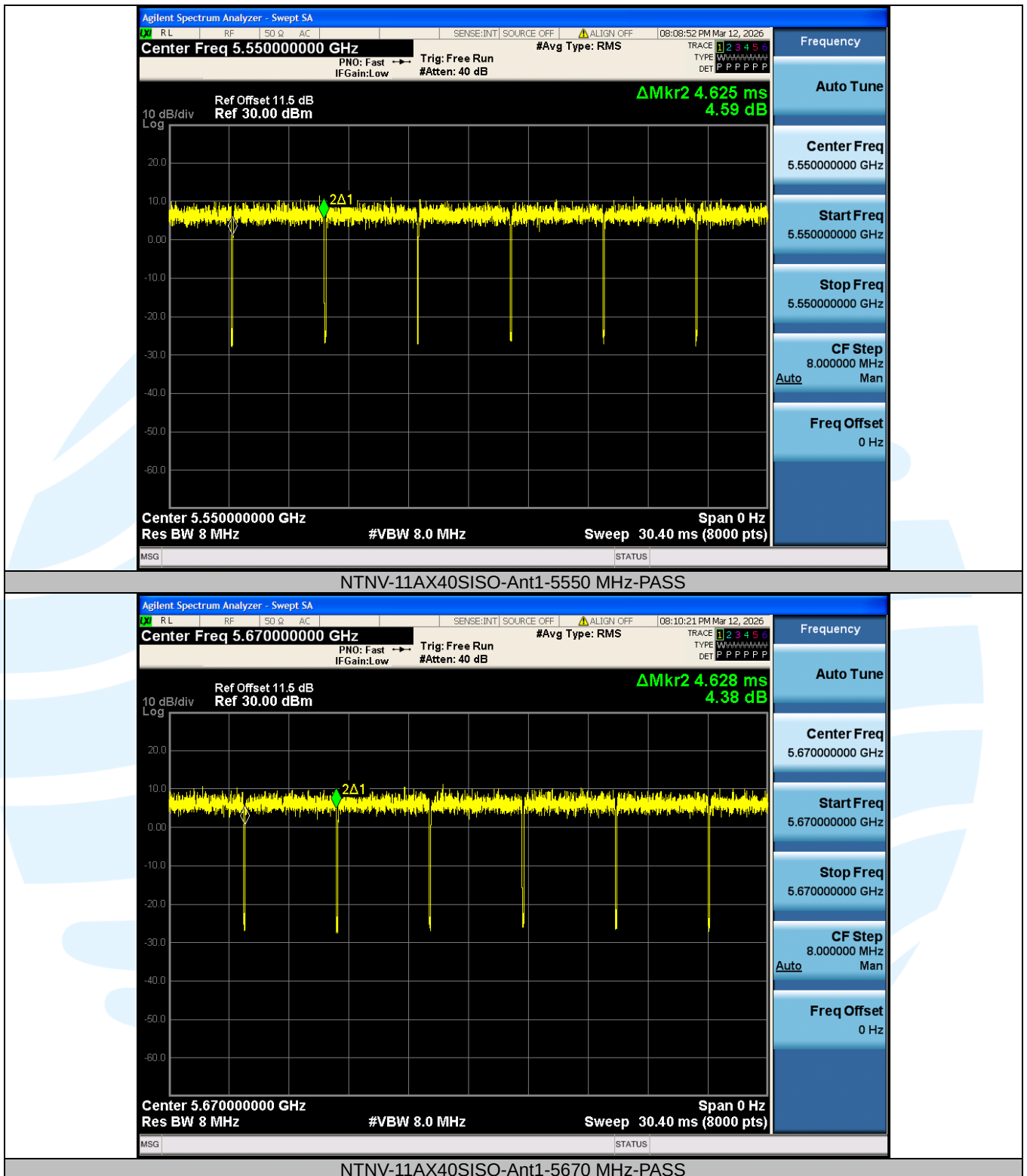
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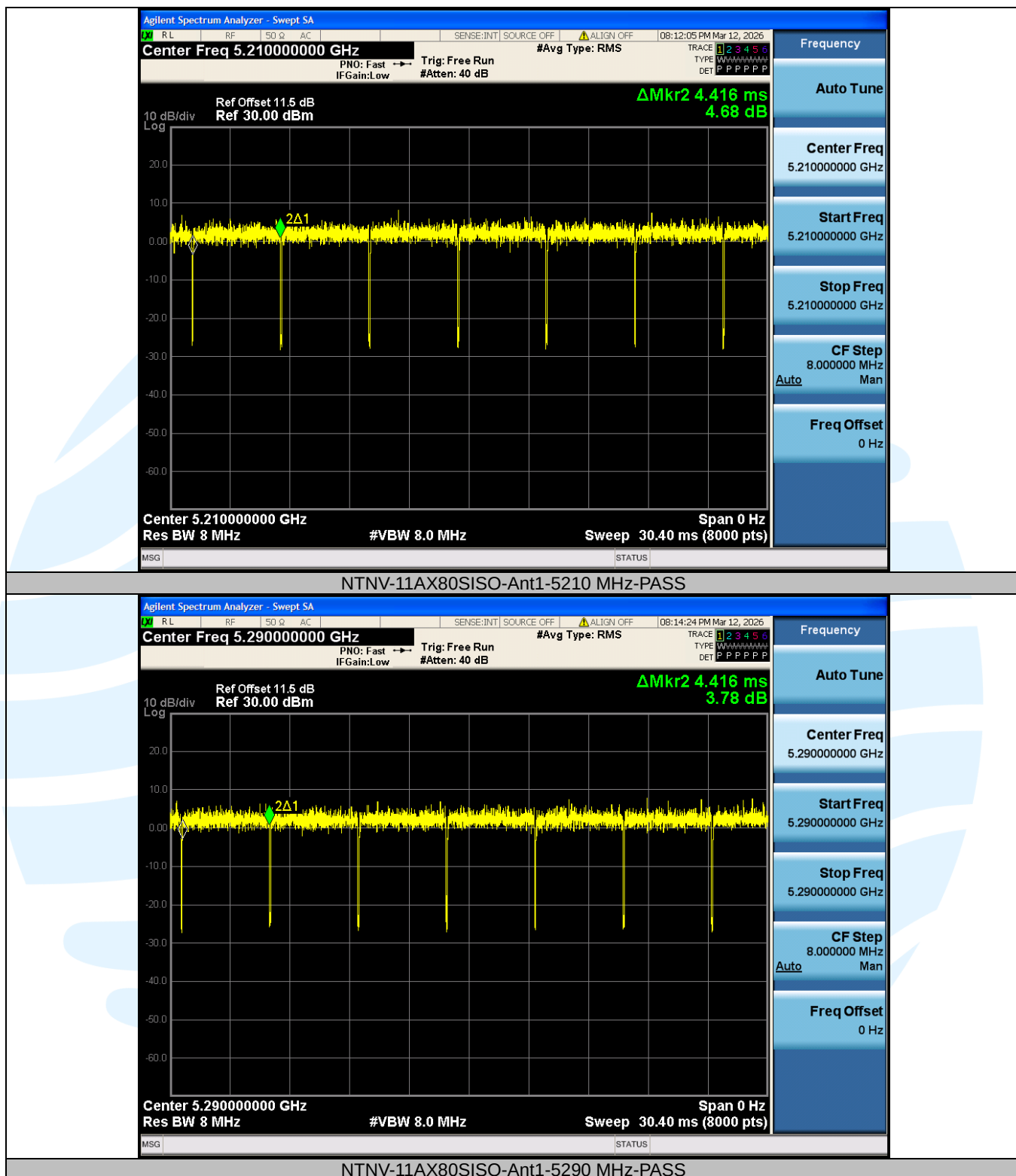
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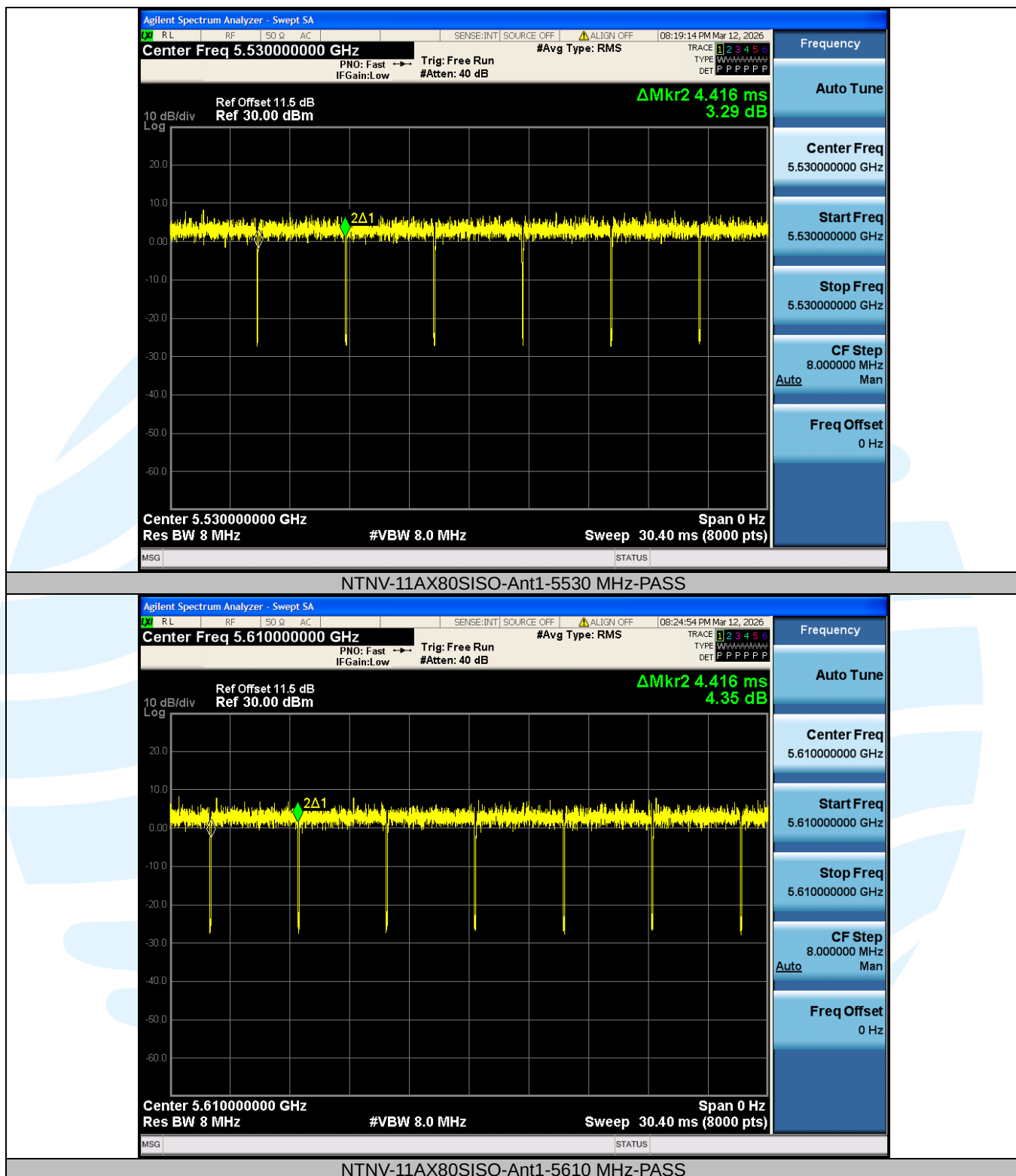
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5.8 OUT-BAND LEAKAGE POWER

5.8.1 Limit

* Attachment 1 (Unwanted Emission Strength)

20MHz system		W52	
OBW : 18MHz or less	OBW : 18 - 20 MHz	40MHz system	80MHz system
5,142 MHz or less : 2.5 μ W/MHz	5,142 MHz or less : 2.5 μ W/MHz	5,141.6 MHz or less : 2.5 μ W/MHz	5,123.2 MHz or less : 2.5 μ W/MHz
5,142 - 5,150 MHz : 15 μ W/MHz	5,142 - 5,150 MHz : 15 μ W/MHz	5,141.6 - 5,150 MHz : 15 μ W/MHz	5,123.2 - 5,150 MHz : 15 μ W/MHz
5,250 - 5,251 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,250 - 5,251 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,250 - 5,251 MHz : $10^{-(f-20)/20+log(1/2)}$ mW/MHz	5,250 - 5,251 MHz : $10^{-(f-40)/40+log(1/4)}$ mW/MHz
5,251 - 5,260 MHz : $10^{-1-(f-90)/90}$ mW/MHz	5,251 - 5,260 MHz : $10^{-1-(f-90)/90}$ mW/MHz	5,251 - 5,270 MHz : $10^{-(f-190)/190-1+log(1/2)}$ mW/MHz	5,251 - 5,290 MHz : $10^{-(f-390)/390-1+log(1/4)}$ mW/MHz
5,260 - 5,266.7 MHz : $10^{-1.8-(f-90)/90}$ mW/MHz	5,260 - 5,266.7 MHz : $10^{-1.8-(f-90)/90}$ mW/MHz	5,270 - 5,278.4 MHz : $10^{-(f-350)/350-1.8+log(1/2)}$ mW/MHz	5,290 - 5,296.7 MHz : $10^{-(f-100)/100-1.8+log(1/4)}$ mW/MHz
5,266.7 MHz or more : 2.5 μ W/MHz	5,266.7 MHz or more : 2.5 μ W/MHz	5,278.4 MHz or more : 2.5 μ W/MHz	5,296.7 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5240 (MHz)	f = MHz, Difference from 5230 (MHz)	f = MHz, Difference from 5210 (MHz)

20MHz system		W53	
OBW : 18MHz or less	OBW : 18 - 20 MHz	40MHz system	80MHz system
5,233.3 MHz or less : 2.5 μ W/MHz	5,233.3 MHz or less : 2.5 μ W/MHz	5,221.6 MHz or less : 2.5 μ W/MHz	5,203.3 MHz or less : 2.5 μ W/MHz
5,233.3 - 5,240 MHz : $10^{-1.8-(f-90)/90}$ mW/MHz	5,233.3 - 5,240 MHz : $10^{-1.8-(f-90)/90}$ mW/MHz	5,221.6 - 5,230 MHz : $10^{-(f-350)/350-1.8+log(1/2)}$ mW/MHz	5,203.3 - 5,210 MHz : $10^{-(f-100)/100-1.8+log(1/4)}$ mW/MHz
5,240 - 5,249 MHz : $10^{-1-(f-90)/90}$ mW/MHz	5,240 - 5,249 MHz : $10^{-1-(f-90)/90}$ mW/MHz	5,230 - 5,249 MHz : $10^{-(f-190)/190-1+log(1/2)}$ mW/MHz	5,210 - 5,249 MHz : $10^{-(f-390)/390-1+log(1/4)}$ mW/MHz
5,249 - 5,250 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,249 - 5,249.8 MHz : $10^{1-(f-9)/90}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-20)/20+log(1/2)}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-40)/40+log(1/4)}$ mW/MHz
5,350 MHz or more : 2.5 μ W/MHz	5,249.8 - 5,250 MHz : $10^{-1-(f-90)/90}$ mW/MHz	5,350 - 5,358.4 MHz : 15 μ W/MHz	5,350 - 5,376.8 MHz : 15 μ W/MHz
	5,350 MHz or more : 2.5 μ W/MHz	5,358.4 MHz or more : 2.5 μ W/MHz	5,376.8 MHz or more : 2.5 μ W/MHz
f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5260 (MHz)	f = MHz, Difference from 5270 (MHz)	f = MHz, Difference from 5290 (MHz)

20MHz system		W56	
DSSS, etc.	OFDM	40MHz system	80MHz system
5,470 MHz or less : 12.5 μ W/MHz	5,460 MHz or less : 2.5 μ W/MHz	5,460 MHz or less : 12.5 μ W/MHz	5,460 MHz or less : 12.5 μ W/MHz
	5,460 - 5,470 MHz : 12.5 μ W/MHz	5,460 - 5,470 MHz : 50 μ W/MHz	5,460 - 5,469.5 MHz : 50 μ W/MHz
5,730 MHz or more : 12.5 μ W/MHz	5,745 - 5,765 MHz : 12.5 μ W/MHz	5,770 MHz or more : 12.5 μ W/MHz	5,469.5 - 5,470 MHz : 51.2 μ W/MHz
	Over 5,765 MHz : 2.5 μ W/MHz		5,770 MHz or more : 12.5 μ W/MHz

W52 + W53	W56
160MHz system	
5,099.6 MHz or less : 2.5 μ W/MHz	5,419.6 MHz or less : 12.5 μ W/MHz
5,099.6 - 5,150 MHz : 15 μ W/MHz	5,419.6 - 5,470 MHz : 50 μ W/MHz
5,350 - 5,400.4 MHz : 15 μ W/MHz	5,725 MHz or more : 12.5 μ W/MHz
5,400.4 MHz or more : 2.5 μ W/MHz	

* A rated value is defined by the E.I.R.P..

* Measurement range: 30MHz to 26GHz

5.21GHz & (5.53GHz, 5.61GHz or 5.69GHz)	5.29GHz & (5.53GHz, 5.61GHz or 5.69GHz)	5.53GHz & 5.69GHz
80MHz + 80MHz system (Not adjacent radio)		
5,134.8 MHz or less : 2.5 μ W/MHz	5,214.8 MHz or less : 2.5 μ W/MHz	5,419.6 MHz or less : 12.5 μ W/MHz
5,134.8 - 5,150 MHz : 162.5 μ W/MHz	5,214.8 - 5,249 MHz : $10^{-(f-390)/390-1+log(1/8)}$ mW/MHz	5,419.6 - 5,470 MHz : 50 μ W/MHz
5,250 - 5,251 MHz : $10^{-(f-40)/40+log(1/8)}$ mW/MHz	5,249 - 5,250 MHz : $10^{-(f-40)/40+log(1/8)}$ mW/MHz	
5,251 - 5,285.2 MHz : $10^{-(f-390)/390-1+log(1/8)}$ mW/MHz	5,350 - 5,365.2 MHz : 15 μ W/MHz	5,770 MHz or more : 15 μ W/MHz
5,285.2 - 5,370 MHz : 2.5 μ W/MHz	5,365.2 - 5,410 MHz : 2.5 μ W/MHz	
5,370 - 5,454.8 MHz : 2.5 μ W/MHz (When used simultaneously with a 5.2GHz band high-power radio station : 12.5 μ W/MHz)	5,410 - 5,454.8 MHz : 2.5 μ W/MHz	
5,454.8 - 5,470 MHz : 15 μ W/MHz (When used simultaneously with a 5.2GHz band high-power radio station : 50 μ W/MHz)	5,454.8 - 5,470 MHz : 15 μ W/MHz	
5,730 MHz or more : 15 μ W/MHz (*When used 5690MHz)	5,730 MHz or more : 15 μ W/MHz (*When used 5690MHz)	
5,770 MHz or more : 15 μ W/MHz	5,770 MHz or more : 15 μ W/MHz	
f = MHz, Difference from 5210 (MHz)	f = MHz, Difference from 5290 (MHz)	

5.8.2 Test Setup

Refer to section 4.5 for details.

5.8.3 Instruments Used

Refer to section 3 for details

5.8.4 Test Procedures

Table No.45 related to Article 2 Clause 1 item 19-3 of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment.

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UTTR-RF-STDT71-V1.1

5.8.5 Test Result

Test Mode	Ant.	Ch.	Freq. Range [MHz]	Max. Freq [MHz]	Result [dBm/MHz]	Gain [dB]	EIRP [dBm/MHz]	Limit [dBm/MHz]	EIRP [μW/MHz]	Limit [μW/MHz]	Verdict
11A	Ant1	5180	5140~5142	5141.34	-36.03	5.77	-30.26	-26.02	0.94189	2.5	PASS
11A	Ant1	5180	5142~5150	5146.79	-35.88	5.77	-30.11	-18.24	0.97499	15	PASS
11A	Ant1	5180	5250~5251	5250.97	-35.07	5.77	-29.3	-9.70	1.17490	107.15	PASS
11A	Ant1	5180	5251~5260	5259.78	-35.16	5.77	-29.39	-17.80	1.15080	16.58	PASS
11A	Ant1	5180	5260~5266.7	5266.47	-35.28	5.77	-29.51	-25.76	1.11944	2.65	PASS
11A	Ant1	5180	5266.7~5360	5356.42	-33.51	5.77	-27.74	-26.02	1.68267	2.5	PASS
11A	Ant1	5220	5140~5142	5141.00	-35.60	5.77	-29.83	-26.02	1.03992	2.5	PASS
11A	Ant1	5220	5142~5150	5147.92	-35.89	5.77	-30.12	-18.24	0.97275	15	PASS
11A	Ant1	5220	5250~5251	5250.71	-35.26	5.77	-29.49	-7.10	1.12460	194.98	PASS
11A	Ant1	5220	5251~5260	5259.96	-35.49	5.77	-29.72	-17.96	1.06660	15.98	PASS
11A	Ant1	5220	5260~5266.7	5266.21	-35.41	5.77	-29.64	-25.45	1.08643	2.85	PASS
11A	Ant1	5220	5266.7~5360	5309.00	-34.50	5.77	-28.73	-26.02	1.33968	2.5	PASS
11A	Ant1	5240	5140~5142	5141.81	-35.93	5.77	-30.16	-26.02	0.96383	2.5	PASS
11A	Ant1	5240	5142~5150	5148.79	-36.09	5.77	-30.32	-18.24	0.92897	15	PASS
11A	Ant1	5240	5250~5251	5250.23	-17.17	5.77	-11.4	-2.30	72.44360	588.84	PASS
11A	Ant1	5240	5251~5260	5251.30	-26.07	5.77	-20.3	-10.27	9.33254	94.04	PASS
11A	Ant1	5240	5260~5266.7	5266.06	-35.22	5.77	-29.45	-25.27	1.13501	2.97	PASS
11A	Ant1	5240	5266.7~5360	5341.34	-34.36	5.77	-28.59	-26.02	1.38357	2.5	PASS
11A	Ant1	5260	5140~5233.3	5228.48	-35.39	5.81	-29.58	-26.02	1.10154	2.5	PASS
11A	Ant1	5260	5233.3~5240	5234.28	-35.74	5.81	-29.93	-24.86	1.01625	3.26	PASS
11A	Ant1	5260	5240~5249	5248.91	-25.57	5.81	-19.76	-10.08	10.56818	98.17	PASS
11A	Ant1	5260	5249~5250	5249.90	-16.03	5.81	-10.22	-1.00	95.06048	794.33	PASS
11A	Ant1	5260	5350~5360	5355.12	-33.91	5.81	-28.1	-26.02	1.54882	2.5	PASS
11A	Ant1	5300	5140~5233.3	5205.62	-34.98	5.81	-29.17	-26.02	1.21060	2.5	PASS
11A	Ant1	5300	5233.3~5240	5234.07	-35.75	5.81	-29.94	-25.12	1.01391	3.08	PASS
11A	Ant1	5300	5240~5249	5242.54	-35.28	5.81	-29.47	-15.74	1.12980	26.65	PASS
11A	Ant1	5300	5249~5250	5249.01	-35.32	5.81	-29.51	-9.90	1.11944	102.33	PASS
11A	Ant1	5300	5350~5360	5358.93	-34.39	5.81	-28.58	-26.02	1.38676	2.5	PASS
11A	Ant1	5320	5140~5233.3	5223.81	-35.24	5.81	-29.43	-26.02	1.14025	2.5	PASS
11A	Ant1	5320	5233.3~5240	5234.01	-35.88	5.81	-30.07	-25.19	0.98401	3.03	PASS
11A	Ant1	5320	5240~5249	5243.24	-33.95	5.81	-28.14	-15.12	1.53462	30.76	PASS
11A	Ant1	5320	5249~5250	5249.08	-35.20	5.81	-29.39	-9.20	1.15080	120.23	PASS
11A	Ant1	5320	5350~5360	5357.38	-34.18	5.81	-28.37	-26.02	1.45546	2.5	PASS
11A	Ant1	5500	5455~5460	5455.52	-35.01	4.7	-30.31	-26.02	0.93111	2.5	PASS
11A	Ant1	5500	5460~5470	5462.07	-34.16	4.7	-29.46	-19.03	1.13240	12.5	PASS
11A	Ant1	5500	5745~5765	5757.27	-34.49	4.7	-29.79	-19.03	1.04954	12.5	PASS
11A	Ant1	5500	5765~5780	5778.18	-33.99	4.7	-29.29	-26.02	1.17761	2.5	PASS
11A	Ant1	5600	5455~5460	5459.10	-34.98	4.7	-30.28	-26.02	0.93756	2.5	PASS
11A	Ant1	5600	5460~5470	5465.23	-34.56	4.7	-29.86	-19.03	1.03276	12.5	PASS
11A	Ant1	5600	5745~5765	5764.43	-34.13	4.7	-29.43	-19.03	1.14025	12.5	PASS
11A	Ant1	5600	5765~5780	5775.13	-34.40	4.7	-29.7	-26.02	1.07152	2.5	PASS
11A	Ant1	5700	5455~5460	5459.90	-34.87	4.7	-30.17	-26.02	0.96161	2.5	PASS
11A	Ant1	5700	5460~5470	5462.53	-34.82	4.7	-30.12	-19.03	0.97275	12.5	PASS
11A	Ant1	5700	5745~5765	5753.07	-34.62	4.7	-29.92	-19.03	1.01859	12.5	PASS
11A	Ant1	5700	5765~5780	5766.13	-34.35	4.7	-29.65	-26.02	1.08393	2.5	PASS
11N20SISO	Ant1	5180	5140~5142	5140.38	-35.92	5.77	-30.15	-26.02	0.96605	2.5	PASS
11N20SISO	Ant1	5180	5142~5150	5147.19	-35.58	5.77	-29.81	-18.24	1.04472	15	PASS
11N20SISO	Ant1	5180	5250~5251	5250.97	-34.54	5.77	-28.77	-9.70	1.32739	107.15	PASS
11N20SISO	Ant1	5180	5251~5260	5259.43	-35.67	5.77	-29.9	-17.49	1.02329	17.81	PASS
11N20SISO	Ant1	5180	5260~5266.7	5266.11	-35.54	5.77	-29.77	-25.33	1.05439	2.93	PASS
11N20SISO	Ant1	5180	5266.7~5360	5353.78	-33.86	5.77	-28.09	-26.02	1.55239	2.5	PASS
11N20SISO	Ant1	5220	5140~5142	5141.37	-35.77	5.77	-30	-26.02	1.00000	2.5	PASS
11N20SISO	Ant1	5220	5142~5150	5146.56	-35.88	5.77	-30.11	-18.24	0.97499	15	PASS
11N20SISO	Ant1	5220	5250~5251	5250.83	-35.43	5.77	-29.66	-8.30	1.08143	147.91	PASS
11N20SISO	Ant1	5220	5251~5260	5259.27	-35.63	5.77	-29.86	-17.35	1.03276	18.40	PASS
11N20SISO	Ant1	5220	5260~5266.7	5266.30	-35.52	5.77	-29.75	-25.56	1.05925	2.78	PASS
11N20SISO	Ant1	5220	5266.7~5360	5302.62	-34.36	5.77	-28.59	-26.02	1.38357	2.5	PASS
11N20SISO	Ant1	5240	5135~5142	5140.74	-35.47	5.77	-29.7	-26.02	1.07152	2.5	PASS
11N20SISO	Ant1	5240	5142~5150	5147.80	-35.48	5.77	-29.71	-18.24	1.06905	15	PASS
11N20SISO	Ant1	5240	5250~5250.2	5250.12	-13.08	5.77	-7.31	0.13	185.78045	1030.86	PASS
11N20SISO	Ant1	5240	5250.2~5251	5250.26	-15.75	5.77	-9.98	-0.75	100.46158	841.40	PASS
11N20SISO	Ant1	5240	5251~5260	5251.08	-23.85	5.77	-18.08	-10.07	15.55966	98.38	PASS
11N20SISO	Ant1	5240	5260~5266.7	5266.44	-35.53	5.77	-29.76	-25.73	1.05682	2.67	PASS
11N20SISO	Ant1	5240	5266.7~5365	5344.19	-34.01	5.77	-28.24	-26.02	1.49968	2.5	PASS
11N20SISO	Ant1	5260	5140~5233.3	5214.48	-35.59	5.81	-29.78	-26.02	1.05196	2.5	PASS
11N20SISO	Ant1	5260	5233.3~5240	5233.33	-35.26	5.81	-29.45	-26.00	1.13501	2.51	PASS
11N20SISO	Ant1	5260	5240~5249	5248.96	-22.67	5.81	-16.86	-10.04	20.60630	99.18	PASS
11N20SISO	Ant1	5260	5249~5250	5249.99	-12.46	5.81	-6.65	-0.10	216.27185	977.24	PASS
11N20SISO	Ant1	5260	5350~5360	5353.55	-34.42	5.81	-28.61	-26.02	1.37721	2.5	PASS
11N20SISO	Ant1	5300	5140~5233.3	5198.47	-35.50	5.81	-29.69	-26.02	1.07399	2.5	PASS
11N20SISO	Ant1	5300	5233.3~5240	5234.79	-35.24	5.81	-29.43	-24.25	1.14025	3.76	PASS
11N20SISO	Ant1	5300	5240~5249	5240.92	-35.27	5.81	-29.46	-17.18	1.13240	19.13	PASS
11N20SISO	Ant1	5300	5249~5250	5249.14	-35.22	5.81	-29.41	-8.60	1.14551	138.04	PASS
11N20SISO	Ant1	5300	5350~5360	5356.20	-34.46	5.81	-28.65	-26.02	1.36458	2.5	PASS
11N20SISO	Ant1	5320	5135~5233.3	5206.92	-35.35	5.81	-29.54	-26.02	1.11173	2.5	PASS
11N20SISO	Ant1	5320	5233.3~5240	5233.82	-35.89	5.81	-30.08	-25.42	0.98175	2.87	PASS
11N20SISO	Ant1	5320	5240~5249	5242.42	-35.47	5.81	-29.66	-15.85	1.08143	26.01	PASS
11N20SISO	Ant1	5320	5249~5249.8	5249.31	-35.55	5.81	-29.74	-6.90	1.06170	204.17	PASS
11N20SISO	Ant1	5320	5249.8~5250	5249.80	-35.80	5.81	-29.99	-2.00	1.00231	630.96	PASS
11N20SISO	Ant1	5320	5350~5365	5353.68	-34.09	5.81	-28.28	-26.02	1.48594	2.5	PASS
11N20SISO	Ant1	5500	5455~5460	5458.37	-34.42	4.7	-29.72	-26.02	1.06660	2.5	PASS
11N20SISO	Ant1	5500	5460~5470	5465.45	-34.72	4.7	-30.02	-19.03	0.99541	12.5	PASS

Test Mode	Ant.	Ch.	Freq. Range [MHz]	Max. Freq [MHz]	Result [dBm/MHz]	Gain [dB]	EIRP [dBm/MHz]	Limit [dBm/MHz]	EIRP [μW/MHz]	Limit [μW/MHz]	Verdict
11N20SISO	Ant1	5500	5745-5765	5756.90	-34.15	4.7	-29.45	-19.03	1.13501	12.5	PASS
11N20SISO	Ant1	5500	5765-5780	5777.60	-34.44	4.7	-29.74	-26.02	1.06170	2.5	PASS
11N20SISO	Ant1	5600	5455-5460	5457.24	-34.96	4.7	-30.26	-26.02	0.94189	2.5	PASS
11N20SISO	Ant1	5600	5460-5470	5465.12	-34.38	4.7	-29.68	-19.03	1.07647	12.5	PASS
11N20SISO	Ant1	5600	5745-5765	5751.17	-34.36	4.7	-29.66	-19.03	1.08143	12.5	PASS
11N20SISO	Ant1	5600	5765-5780	5776.10	-34.62	4.7	-29.92	-26.02	1.01859	2.5	PASS
11N20SISO	Ant1	5700	5455-5460	5457.92	-34.44	4.7	-29.74	-26.02	1.06170	2.5	PASS
11N20SISO	Ant1	5700	5460-5470	5466.88	-34.54	4.7	-29.84	-19.03	1.03753	12.5	PASS
11N20SISO	Ant1	5700	5745-5765	5747.43	-34.67	4.7	-29.97	-19.03	1.00693	12.5	PASS
11N20SISO	Ant1	5700	5765-5780	5766.63	-34.42	4.7	-29.72	-26.02	1.06660	2.5	PASS
11N40SISO	Ant1	5190	5100-5141.6	5105.55	-35.27	5.77	-29.5	-26.02	1.12202	2.5	PASS
11N40SISO	Ant1	5190	5141.6-5150	5149.38	-35.95	5.77	-30.18	-18.24	0.95940	15	PASS
11N40SISO	Ant1	5190	5250-5251	5251.00	-35.26	5.77	-29.49	-13.01	1.12460	50.00	PASS
11N40SISO	Ant1	5190	5251-5270	5268.89	-34.97	5.77	-29.2	-20.54	1.20226	8.83	PASS
11N40SISO	Ant1	5190	5270-5278.4	5277.63	-34.85	5.77	-29.08	-25.59	1.23595	2.76	PASS
11N40SISO	Ant1	5190	5278.4-5400	5373.86	-33.97	5.77	-28.2	-26.02	1.51356	2.5	PASS
11N40SISO	Ant1	5230	5100-5141.6	5119.62	-35.30	5.77	-29.53	-26.02	1.11429	2.5	PASS
11N40SISO	Ant1	5230	5141.6-5150	5146.72	-35.47	5.77	-29.7	-18.24	1.07152	15	PASS
11N40SISO	Ant1	5230	5250-5251	5250.17	-25.92	5.77	-20.15	-4.71	9.66051	338.06	PASS
11N40SISO	Ant1	5230	5251-5270	5269.56	-35.31	5.77	-29.54	-20.82	1.11173	8.27	PASS
11N40SISO	Ant1	5230	5270-5278.4	5277.83	-34.81	5.77	-29.04	-25.71	1.24738	2.69	PASS
11N40SISO	Ant1	5230	5278.4-5400	5378.72	-33.53	5.77	-27.76	-26.02	1.67494	2.5	PASS
11N40SISO	Ant1	5270	5100-5221.6	5176.81	-34.79	5.81	-28.98	-26.02	1.26474	2.5	PASS
11N40SISO	Ant1	5270	5221.6-5230	5223.15	-35.34	5.81	-29.53	-25.12	1.11429	3.08	PASS
11N40SISO	Ant1	5270	5230-5249	5231.20	-35.65	5.81	-29.84	-20.50	1.03753	8.90	PASS
11N40SISO	Ant1	5270	5249-5250	5249.84	-25.30	5.81	-19.49	-4.61	11.24605	345.94	PASS
11N40SISO	Ant1	5270	5350-5358.4	5354.24	-33.99	5.81	-28.18	-18.24	1.52055	15	PASS
11N40SISO	Ant1	5270	5358.4-5400	5372.27	-34.42	5.81	-28.61	-26.02	1.37721	2.5	PASS
11N40SISO	Ant1	5310	5100-5221.6	5168.91	-35.00	5.81	-29.19	-26.02	1.20504	2.5	PASS
11N40SISO	Ant1	5310	5221.6-5230	5221.91	-35.87	5.81	-30.06	-25.86	0.98628	2.59	PASS
11N40SISO	Ant1	5310	5230-5249	5235.95	-35.42	5.81	-29.61	-18.50	1.09396	14.11	PASS
11N40SISO	Ant1	5310	5249-5250	5249.01	-35.68	5.81	-29.87	-12.91	1.03039	51.17	PASS
11N40SISO	Ant1	5310	5350-5358.4	5350.27	-34.44	5.81	-28.63	-18.24	1.37088	15	PASS
11N40SISO	Ant1	5310	5358.4-5400	5369.22	-34.05	5.81	-28.24	-26.02	1.49968	2.5	PASS
11N40SISO	Ant1	5510	5420-5460	5457.27	-34.66	4.7	-29.96	-19.03	1.00925	12.5	PASS
11N40SISO	Ant1	5510	5460-5470	5464.67	-34.49	4.7	-29.79	-13.01	1.04954	50	PASS
11N40SISO	Ant1	5510	5770-5780	5777.83	-34.11	4.7	-29.41	-19.03	1.14551	12.5	PASS
11N40SISO	Ant1	5550	5420-5460	5425.00	-34.30	4.7	-29.6	-19.03	1.09648	12.5	PASS
11N40SISO	Ant1	5550	5460-5470	5466.60	-34.70	4.7	-30	-13.01	1.00000	50	PASS
11N40SISO	Ant1	5550	5770-5780	5776.52	-34.03	4.7	-29.33	-19.03	1.16681	12.5	PASS
11N40SISO	Ant1	5670	5420-5460	5425.87	-34.51	4.7	-29.81	-19.03	1.04472	12.5	PASS
11N40SISO	Ant1	5670	5460-5470	5468.48	-34.65	4.7	-29.95	-13.01	1.01158	50	PASS
11N40SISO	Ant1	5670	5770-5780	5778.13	-34.49	4.7	-29.79	-19.03	1.04954	12.5	PASS
11AC20SISO	Ant1	5180	5140-5142	5141.52	-35.74	5.77	-29.97	-26.02	1.00693	2.5	PASS
11AC20SISO	Ant1	5180	5142-5150	5146.19	-35.79	5.77	-30.02	-18.24	0.99541	15	PASS
11AC20SISO	Ant1	5180	5250-5251	5250.75	-35.67	5.77	-29.9	-7.50	1.02329	177.83	PASS
11AC20SISO	Ant1	5180	5251-5260	5257.86	-35.52	5.77	-29.75	-16.10	1.05925	24.56	PASS
11AC20SISO	Ant1	5180	5260-5266.7	5266.60	-35.28	5.77	-29.51	-25.92	1.11944	2.56	PASS
11AC20SISO	Ant1	5180	5266.7-5360	5304.80	-34.39	5.77	-28.62	-26.02	1.37404	2.5	PASS
11AC20SISO	Ant1	5220	5135-5142	5140.25	-36.08	5.77	-30.31	-26.02	0.93111	2.5	PASS
11AC20SISO	Ant1	5220	5142-5150	5145.27	-35.94	5.77	-30.17	-18.24	0.96161	15	PASS
11AC20SISO	Ant1	5220	5250-5250.2	5250.18	-35.47	5.77	-29.7	-1.47	1.07152	713.35	PASS
11AC20SISO	Ant1	5220	5250.2-5251	5250.78	-35.13	5.77	-29.36	-7.25	1.15878	188.36	PASS
11AC20SISO	Ant1	5220	5251-5260	5259.93	-35.55	5.77	-29.78	-17.94	1.05196	16.08	PASS
11AC20SISO	Ant1	5220	5260-5266.7	5266.53	-35.49	5.77	-29.72	-25.84	1.06660	2.61	PASS
11AC20SISO	Ant1	5220	5266.7-5365	5333.54	-34.24	5.77	-28.47	-26.02	1.42233	2.5	PASS
11AC20SISO	Ant1	5240	5135-5142	5139.20	-36.21	5.77	-30.44	-26.02	0.90365	2.5	PASS
11AC20SISO	Ant1	5240	5142-5150	5146.53	-36.15	5.77	-30.38	-18.24	0.91622	15	PASS
11AC20SISO	Ant1	5240	5250-5250.2	5250.13	-13.94	5.77	-8.17	-0.13	152.40528	969.50	PASS
11AC20SISO	Ant1	5240	5250.2-5251	5250.30	-16.81	5.77	-11.04	-1.25	78.70458	749.89	PASS
11AC20SISO	Ant1	5240	5251-5260	5251.05	-26.26	5.77	-20.49	-10.04	8.93305	98.98	PASS
11AC20SISO	Ant1	5240	5260-5266.7	5266.07	-35.37	5.77	-29.6	-25.28	1.09648	2.96	PASS
11AC20SISO	Ant1	5240	5266.7-5365	5357.63	-33.93	5.77	-28.16	-26.02	1.52757	2.5	PASS
11AC20SISO	Ant1	5260	5140-5233.3	5222.88	-35.70	5.81	-29.89	-26.02	1.02565	2.5	PASS
11AC20SISO	Ant1	5260	5233.3-5240	5233.75	-35.73	5.81	-29.92	-25.50	1.01859	2.82	PASS
11AC20SISO	Ant1	5260	5240-5249	5248.58	-27.16	5.81	-21.35	-10.37	7.32825	91.76	PASS
11AC20SISO	Ant1	5260	5249-5250	5249.79	-15.42	5.81	-9.61	-2.10	109.39564	616.60	PASS
11AC20SISO	Ant1	5260	5350-5360	5355.13	-34.46	5.81	-28.65	-26.02	1.36458	2.5	PASS
11AC20SISO	Ant1	5300	5140-5233.3	5227.86	-35.48	5.81	-29.67	-26.02	1.07895	2.5	PASS
11AC20SISO	Ant1	5300	5233.3-5240	5233.43	-35.28	5.81	-29.47	-25.88	1.12980	2.58	PASS
11AC20SISO	Ant1	5300	5240-5249	5240.02	-35.85	5.81	-30.04	-17.98	0.99083	15.91	PASS
11AC20SISO	Ant1	5300	5249-5250	5249.02	-35.08	5.81	-29.27	-9.80	1.18304	104.71	PASS
11AC20SISO	Ant1	5300	5350-5360	5350.47	-34.11	5.81	-28.3	-26.02	1.47911	2.5	PASS
11AC20SISO	Ant1	5320	5135-5233.3	5163.51	-35.41	5.81	-29.6	-26.02	1.09648	2.5	PASS
11AC20SISO	Ant1	5320	5233.3-5240	5233.96	-35.40	5.81	-29.59	-25.25	1.09901	2.99	PASS
11AC20SISO	Ant1	5320	5240-5249	5240.90	-35.13	5.81	-29.32	-17.20	1.16950	19.05	PASS
11AC20SISO	Ant1	5320	5249-5249.8	5249.00	-35.31	5.81	-29.5	-10.00	1.12202	100.00	PASS
11AC20SISO	Ant1	5320	5249.8-5250	5249.84	-35.63	5.81	-29.82	-0.93	1.04232	806.49	PASS
11AC20SISO	Ant1	5320	5350-5365	5355.33	-33.81	5.81	-28	-26.02	1.58489	2.5	PASS
11AC20SISO	Ant1	5500	5455-5460	5456.19	-34.91	4.7	-30.21	-26.02	0.95280	2.5	PASS
11AC20SISO	Ant1	5500	5460-5470	5469.05	-35.01	4.7	-30.31	-19.03	0.93111	12.5	PASS
11AC20SISO	Ant1	5500	5745-5765	5747.37	-34.35	4.7	-29.65	-19.03	1.08393	12.5	PASS
11AC20SISO	Ant1	5500	5765-5780	5776.63	-34.61	4.7	-29.91	-26.02	1.02094	2.5	PASS
11AC20SISO	Ant1	5600	5455-5460	5458.67	-34.82	4.7	-30.12	-26.02	0.97275	2.5	PASS

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UTTR-RF-STDT71-V1.1

Test Mode	Ant.	Ch.	Freq. Range [MHz]	Max. Freq [MHz]	Result [dBm/MHz]	Gain [dB]	EIRP [dBm/MHz]	Limit [dBm/MHz]	EIRP [μW/MHz]	Limit [μW/MHz]	Verdict
11AC20SISO	Ant1	5600	5460-5470	5466.70	-34.57	4.7	-29.87	-19.03	1.03039	12.5	PASS
11AC20SISO	Ant1	5600	5745-5765	5748.50	-34.73	4.7	-30.03	-19.03	0.99312	12.5	PASS
11AC20SISO	Ant1	5600	5765-5780	5767.78	-34.21	4.7	-29.51	-26.02	1.11944	2.5	PASS
11AC20SISO	Ant1	5700	5455-5460	5456.24	-34.78	4.7	-30.08	-26.02	0.98175	2.5	PASS
11AC20SISO	Ant1	5700	5460-5470	5462.65	-34.41	4.7	-29.71	-19.03	1.06905	12.5	PASS
11AC20SISO	Ant1	5700	5745-5765	5752.03	-34.50	4.7	-29.8	-19.03	1.04713	12.5	PASS
11AC20SISO	Ant1	5700	5765-5780	5779.38	-34.32	4.7	-29.62	-26.02	1.09144	2.5	PASS
11AC40SISO	Ant1	5190	5100-5141.6	5133.63	-35.34	5.77	-29.57	-26.02	1.10408	2.5	PASS
11AC40SISO	Ant1	5190	5141.6-5150	5149.44	-35.42	5.77	-29.65	-18.24	1.08393	15	PASS
11AC40SISO	Ant1	5190	5250-5251	5250.76	-34.58	5.77	-28.81	-10.61	1.31522	86.90	PASS
11AC40SISO	Ant1	5190	5251-5270	5269.59	-35.28	5.77	-29.51	-20.84	1.11944	8.25	PASS
11AC40SISO	Ant1	5190	5270-5278.4	5277.36	-34.50	5.77	-28.73	-25.43	1.33968	2.87	PASS
11AC40SISO	Ant1	5190	5278.4-5400	5379.94	-33.97	5.77	-28.2	-26.02	1.51356	2.5	PASS
11AC40SISO	Ant1	5230	5100-5141.6	5110.47	-35.16	5.77	-29.39	-26.02	1.15080	2.5	PASS
11AC40SISO	Ant1	5230	5141.6-5150	5146.33	-35.95	5.77	-30.18	-18.24	0.95940	15	PASS
11AC40SISO	Ant1	5230	5250-5251	5250.21	-25.52	5.77	-19.75	-5.11	10.59254	308.32	PASS
11AC40SISO	Ant1	5230	5251-5270	5268.01	-34.89	5.77	-29.12	-20.17	1.22462	9.61	PASS
11AC40SISO	Ant1	5230	5270-5278.4	5277.62	-35.15	5.77	-29.38	-25.58	1.15345	2.77	PASS
11AC40SISO	Ant1	5230	5278.4-5400	5379.53	-33.83	5.77	-28.06	-26.02	1.56315	2.5	PASS
11AC40SISO	Ant1	5270	5100-5221.6	5218.97	-35.18	5.81	-29.37	-26.02	1.15611	2.5	PASS
11AC40SISO	Ant1	5270	5221.6-5230	5221.66	-35.83	5.81	-30.02	-26.01	0.99541	2.50	PASS
11AC40SISO	Ant1	5270	5230-5249	5230.13	-35.61	5.81	-29.8	-20.96	1.04713	8.03	PASS
11AC40SISO	Ant1	5270	5249-5250	5249.86	-26.13	5.81	-20.32	-4.41	9.28966	362.24	PASS
11AC40SISO	Ant1	5270	5350-5358.4	5350.06	-34.56	5.81	-28.75	-18.24	1.33352	15	PASS
11AC40SISO	Ant1	5270	5358.4-5400	5382.25	-33.36	5.81	-27.55	-26.02	1.75792	2.5	PASS
11AC40SISO	Ant1	5310	5100-5221.6	5217.34	-34.61	5.81	-28.8	-26.02	1.31826	2.5	PASS
11AC40SISO	Ant1	5310	5221.6-5230	5222.55	-35.74	5.81	-29.93	-25.48	1.01625	2.83	PASS
11AC40SISO	Ant1	5310	5230-5249	5232.69	-35.74	5.81	-29.93	-19.88	1.01625	10.29	PASS
11AC40SISO	Ant1	5310	5249-5250	5249.01	-35.71	5.81	-29.9	-12.91	1.02329	51.17	PASS
11AC40SISO	Ant1	5310	5350-5358.4	5354.94	-34.04	5.81	-28.23	-18.24	1.50314	15	PASS
11AC40SISO	Ant1	5310	5358.4-5400	5359.58	-34.02	5.81	-28.21	-26.02	1.51008	2.5	PASS
11AC40SISO	Ant1	5510	5420-5460	5423.60	-34.53	4.7	-29.83	-19.03	1.03992	12.5	PASS
11AC40SISO	Ant1	5510	5460-5470	5465.77	-34.62	4.7	-29.92	-13.01	1.01859	50	PASS
11AC40SISO	Ant1	5510	5770-5780	5777.30	-34.03	4.7	-29.33	-19.03	1.16681	12.5	PASS
11AC40SISO	Ant1	5550	5420-5460	5437.67	-34.76	4.7	-30.06	-19.03	0.98628	12.5	PASS
11AC40SISO	Ant1	5550	5460-5470	5462.75	-34.89	4.7	-30.19	-13.01	0.95719	50	PASS
11AC40SISO	Ant1	5550	5770-5780	5771.92	-33.90	4.7	-29.2	-19.03	1.20226	12.5	PASS
11AC40SISO	Ant1	5670	5420-5460	5454.73	-34.48	4.7	-29.78	-19.03	1.05196	12.5	PASS
11AC40SISO	Ant1	5670	5460-5470	5462.48	-34.78	4.7	-30.08	-13.01	0.98175	50	PASS
11AC40SISO	Ant1	5670	5770-5780	5773.23	-34.28	4.7	-29.58	-19.03	1.10154	12.5	PASS
11AC80SISO	Ant1	5210	5020-5123.2	5026.19	-35.18	5.77	-29.41	-26.02	1.14551	2.5	PASS
11AC80SISO	Ant1	5210	5123.2-5150	5141.47	-35.13	5.77	-29.36	-18.24	1.15878	15	PASS
11AC80SISO	Ant1	5210	5250-5251	5250.13	-31.42	5.77	-25.65	-7.32	2.72270	185.35	PASS
11AC80SISO	Ant1	5210	5251-5290	5284.67	-34.77	5.77	-29	-22.93	1.25893	5.10	PASS
11AC80SISO	Ant1	5210	5290-5296.7	5296.45	-35.28	5.77	-29.51	-25.96	1.11944	2.54	PASS
11AC80SISO	Ant1	5210	5296.7-5480	5419.82	-33.83	5.77	-28.06	-26.02	1.56315	2.5	PASS
11AC80SISO	Ant1	5290	5020-5203.3	5033.44	-35.07	5.81	-29.26	-26.02	1.18577	2.5	PASS
11AC80SISO	Ant1	5290	5203.3-5210	5203.36	-35.77	5.81	-29.96	-26.01	1.00925	2.50	PASS
11AC80SISO	Ant1	5290	5210-5249	5215.14	-35.64	5.81	-29.83	-22.97	1.03992	5.05	PASS
11AC80SISO	Ant1	5290	5249-5250	5249.75	-32.87	5.81	-27.06	-8.52	1.96789	140.60	PASS
11AC80SISO	Ant1	5290	5350-5376.8	5362.91	-34.38	5.81	-28.57	-18.24	1.38995	15	PASS
11AC80SISO	Ant1	5290	5376.8-5480	5380.24	-34.52	5.81	-28.71	-26.02	1.34586	2.5	PASS
11AC80SISO	Ant1	5530	5340-5460	5379.80	-33.75	4.7	-29.05	-19.03	1.24451	12.5	PASS
11AC80SISO	Ant1	5530	5460-5469.5	5460.36	-34.68	4.7	-29.98	-13.01	1.00462	50	PASS
11AC80SISO	Ant1	5530	5469.5-5470	5469.57	-34.54	4.7	-29.84	-12.91	1.03753	51.2	PASS
11AC80SISO	Ant1	5530	5770-5800	5779.85	-34.17	4.7	-29.47	-19.03	1.12980	12.5	PASS
11AC80SISO	Ant1	5610	5340-5460	5365.20	-34.41	4.7	-29.71	-19.03	1.06905	12.5	PASS
11AC80SISO	Ant1	5610	5460-5469.5	5463.36	-34.51	4.7	-29.81	-13.01	1.04472	50	PASS
11AC80SISO	Ant1	5610	5469.5-5470	5469.53	-34.90	4.7	-30.2	-12.91	0.95499	51.2	PASS
11AC80SISO	Ant1	5610	5770-5800	5779.35	-33.83	4.7	-29.13	-19.03	1.22180	12.5	PASS
11AX20SISO	Ant1	5180	5135-5142	5135.67	-35.56	5.77	-29.79	-26.02	1.04954	2.5	PASS
11AX20SISO	Ant1	5180	5142-5150	5147.33	-35.75	5.77	-29.98	-18.24	1.00462	15	PASS
11AX20SISO	Ant1	5180	5250-5250.2	5250.18	-35.51	5.77	-29.74	-1.47	1.06170	713.35	PASS
11AX20SISO	Ant1	5180	5250.2-5251	5250.98	-35.28	5.77	-29.51	-9.75	1.11944	105.93	PASS
11AX20SISO	Ant1	5180	5251-5260	5257.86	-35.16	5.77	-29.39	-16.10	1.15080	24.56	PASS
11AX20SISO	Ant1	5180	5260-5266.7	5266.64	-35.56	5.77	-29.79	-25.97	1.04954	2.53	PASS
11AX20SISO	Ant1	5180	5266.7-5365	5345.18	-34.66	5.77	-28.89	-26.02	1.29122	2.5	PASS
11AX20SISO	Ant1	5220	5135-5142	5139.15	-35.75	5.77	-29.98	-26.02	1.00462	2.5	PASS
11AX20SISO	Ant1	5220	5142-5150	5145.29	-35.94	5.77	-30.17	-18.24	0.96161	15	PASS
11AX20SISO	Ant1	5220	5250-5250.2	5250.18	-35.43	5.77	-29.66	-1.47	1.08143	713.35	PASS
11AX20SISO	Ant1	5220	5250.2-5251	5250.88	-35.53	5.77	-29.76	-8.50	1.05682	141.25	PASS
11AX20SISO	Ant1	5220	5251-5260	5259.61	-35.30	5.77	-29.53	-17.65	1.11429	17.17	PASS
11AX20SISO	Ant1	5220	5260-5266.7	5266.49	-34.34	5.77	-28.57	-25.79	1.38995	2.64	PASS
11AX20SISO	Ant1	5220	5266.7-5365	5314.38	-34.21	5.77	-28.44	-26.02	1.43219	2.5	PASS
11AX20SISO	Ant1	5240	5135-5142	5138.26	-35.57	5.77	-29.8	-26.02	1.04713	2.5	PASS
11AX20SISO	Ant1	5240	5142-5150	5142.72	-35.95	5.77	-30.18	-18.24	0.95940	15	PASS
11AX20SISO	Ant1	5240	5250-5250.2	5250.06	-8.52	5.77	-2.75	1.73	530.88444	1489.70	PASS
11AX20SISO	Ant1	5240	5250.2-5251	5250.40	-13.30	5.77	-7.53	-2.50	176.60378	562.34	PASS
11AX20SISO	Ant1	5240	5251-5260	5251.08	-24.66	5.77	-18.89	-10.07	12.91219	98.38	PASS
11AX20SISO	Ant1	5240	5260-5266.7	5263.47	-35.63	5.77	-29.86	-22.16	1.03276	6.08	PASS
11AX20SISO	Ant1	5240	5266.7-5365	5357.30	-34.01	5.77	-28.24	-26.02	1.49968	2.5	PASS
11AX20SISO	Ant1	5260	5135-5233.3	5230.68	-35.46	5.81	-29.65	-26.02	1.08393	2.5	PASS
11AX20SISO	Ant1	5260	5233.3-5240	5233.59	-35.66	5.81	-29.85	-25.69	1.03514	2.70	PASS
11AX20SISO	Ant1	5260	5240-5249	5248.87	-25.00	5.81	-19.19	-10.12	12.05036	97.37	PASS

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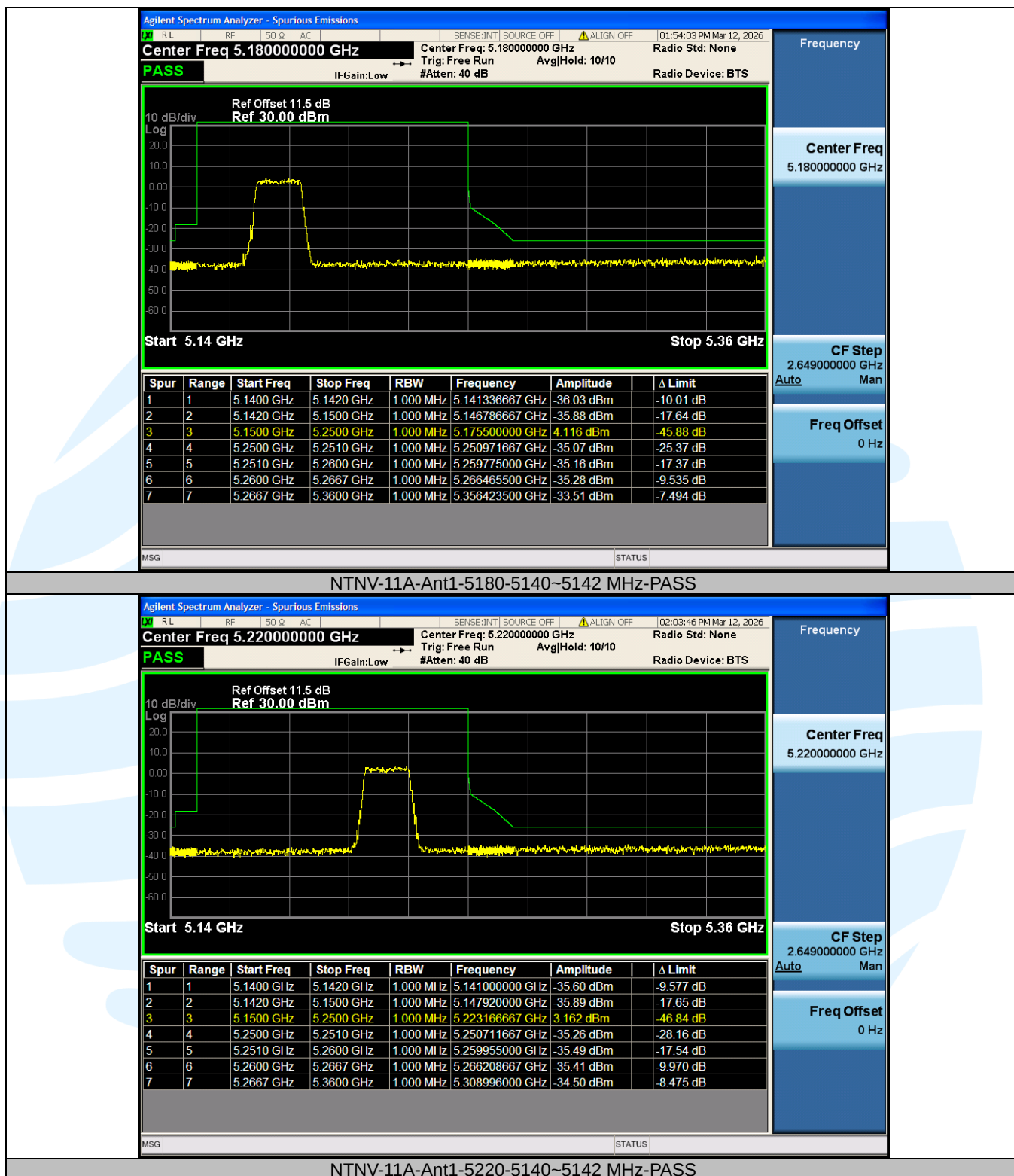
Fax: +86-755-28230886

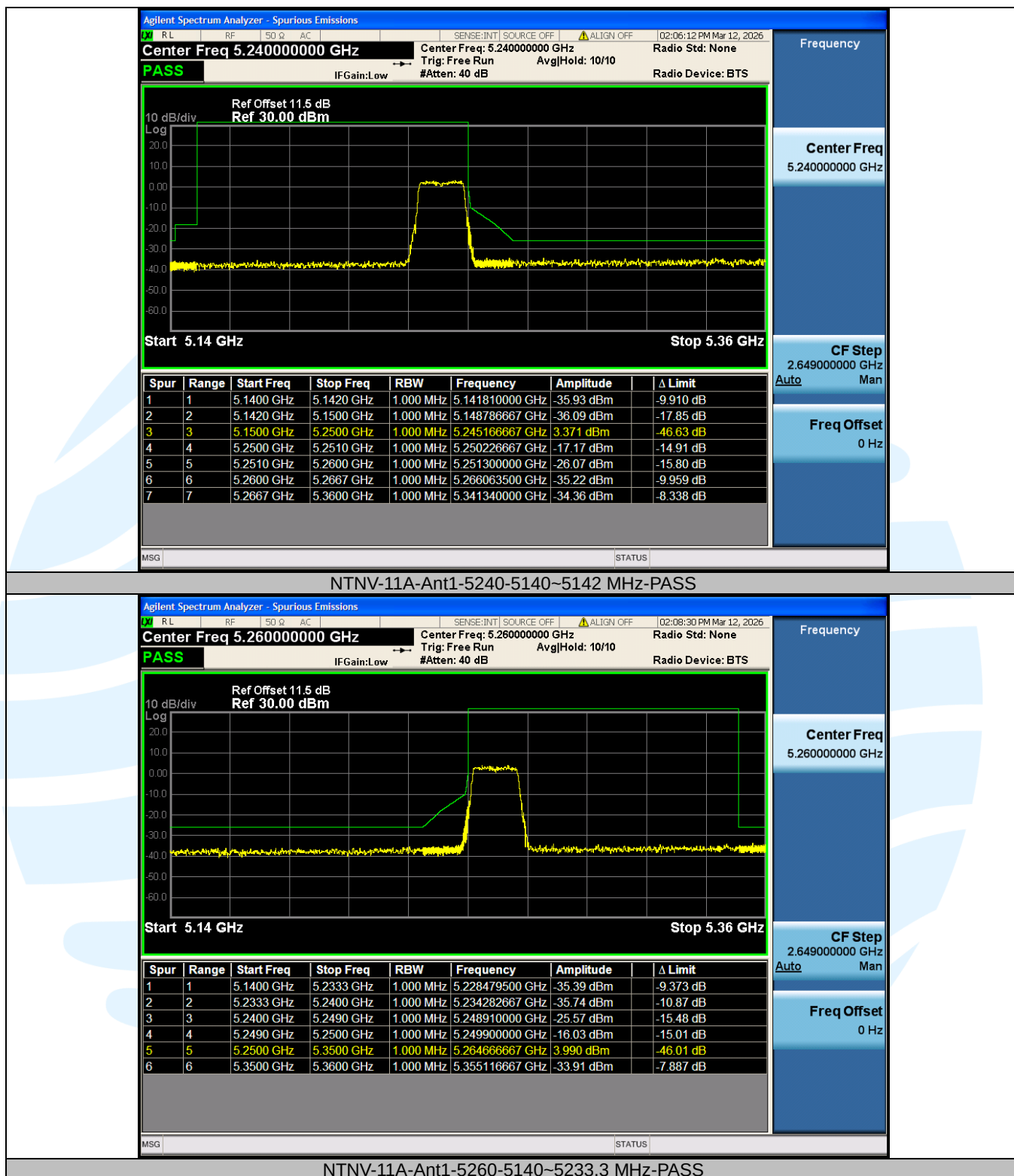
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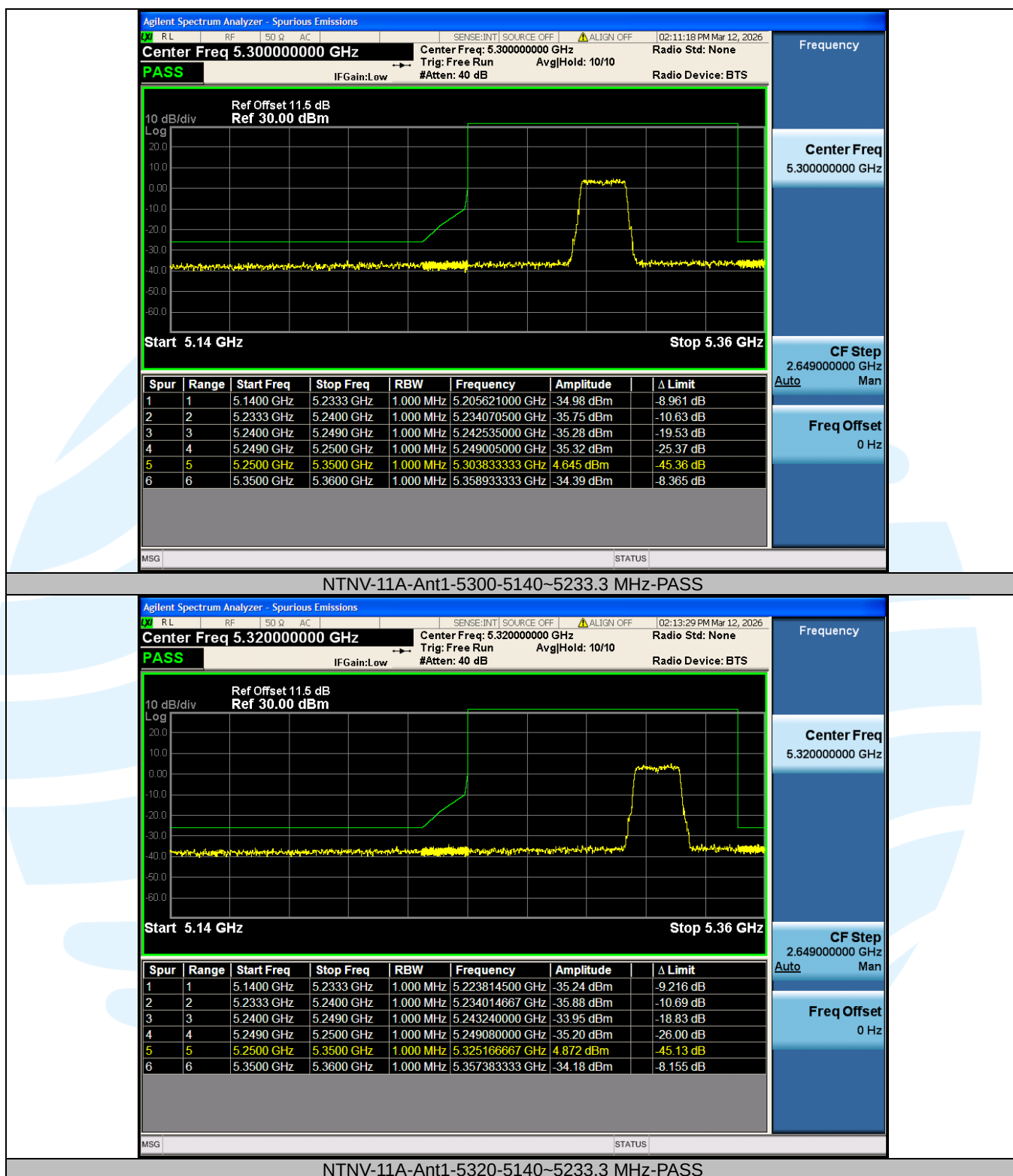
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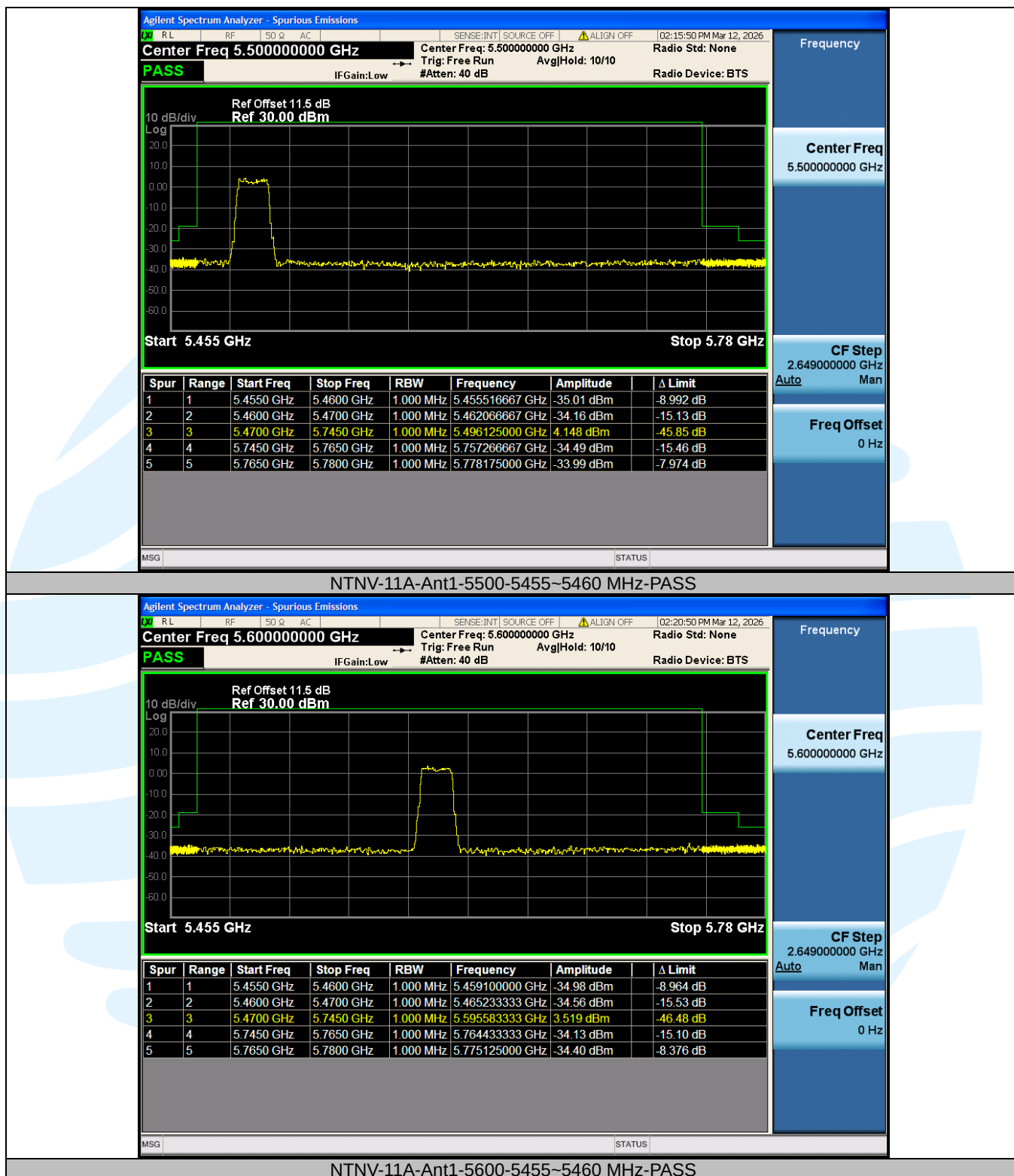
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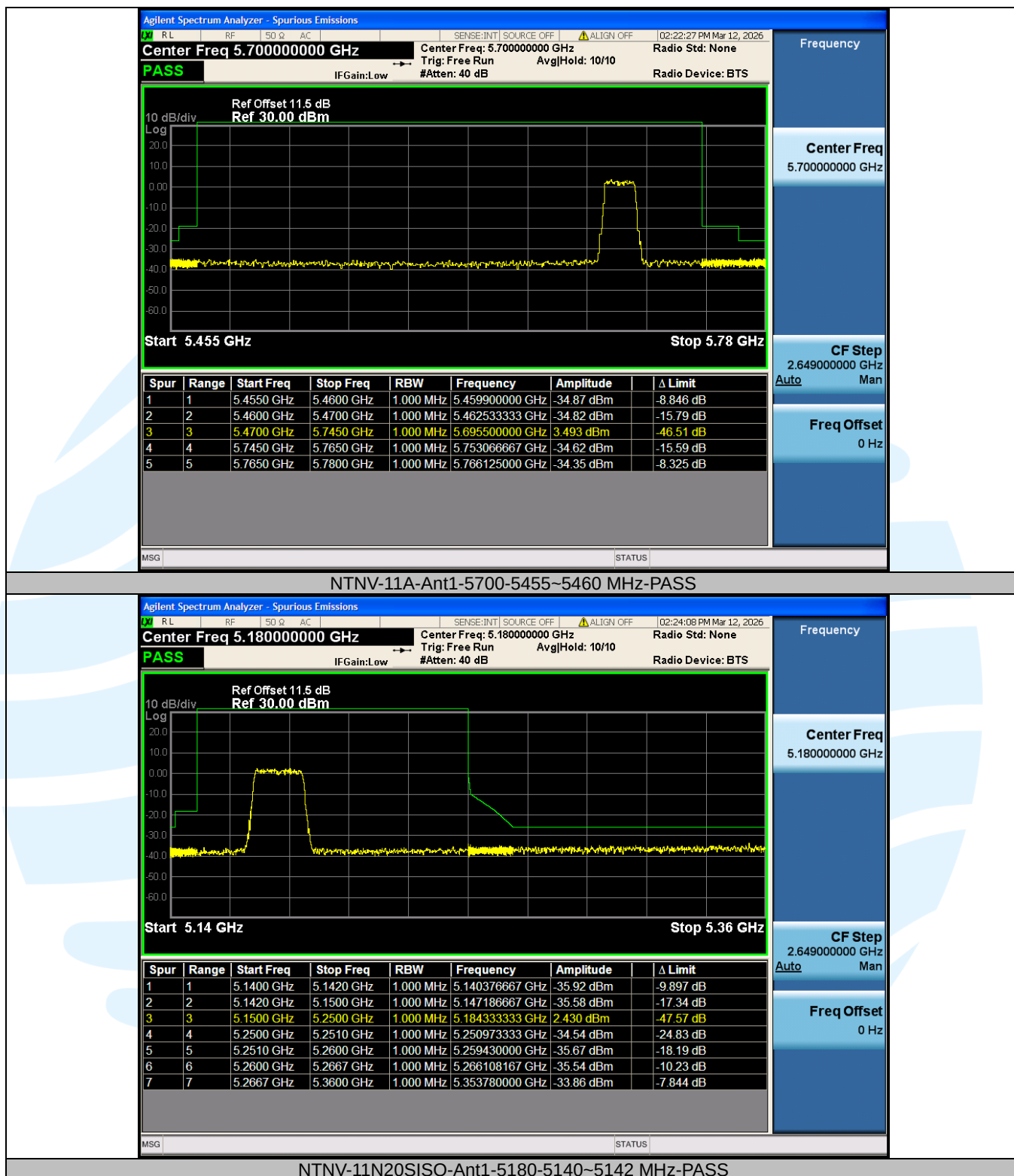
Test Mode	Ant.	Ch.	Freq. Range [MHz]	Max. Freq [MHz]	Result [dBm/MHz]	Gain [dB]	EIRP [dBm/MHz]	Limit [dBm/MHz]	EIRP [μW/MHz]	Limit [μW/MHz]	Verdict
11AX20SISO	Ant1	5260	5249-5249.8	5249.80	-9.28	5.81	-3.47	-2.00	449.77985	630.96	PASS
11AX20SISO	Ant1	5260	5249.8-5250	5249.94	-7.59	5.81	-1.78	1.73	663.74307	1489.70	PASS
11AX20SISO	Ant1	5260	5350-5365	5357.50	-34.16	5.81	-28.35	-26.02	1.46218	2.5	PASS
11AX20SISO	Ant1	5300	5135-5233.3	5214.79	-35.78	5.81	-29.97	-26.02	1.00693	2.5	PASS
11AX20SISO	Ant1	5300	5233.3-5240	5233.67	-35.71	5.81	-29.9	-25.60	1.02329	2.76	PASS
11AX20SISO	Ant1	5300	5240-5249	5242.01	-35.61	5.81	-29.8	-16.21	1.04713	23.91	PASS
11AX20SISO	Ant1	5300	5249-5249.8	5249.01	-35.56	5.81	-29.75	-9.90	1.05925	102.33	PASS
11AX20SISO	Ant1	5300	5249.8-5250	5249.80	-35.61	5.81	-29.8	-2.00	1.04713	630.96	PASS
11AX20SISO	Ant1	5300	5350-5365	5356.95	-34.09	5.81	-28.28	-26.02	1.48594	2.5	PASS
11AX20SISO	Ant1	5320	5135-5233.3	5223.63	-35.45	5.81	-29.64	-26.02	1.08643	2.5	PASS
11AX20SISO	Ant1	5320	5233.3-5240	5233.62	-36.01	5.81	-30.2	-25.66	0.95499	2.72	PASS
11AX20SISO	Ant1	5320	5240-5249	5240.72	-35.69	5.81	-29.88	-17.36	1.02802	18.37	PASS
11AX20SISO	Ant1	5320	5249-5249.8	5249.04	-35.22	5.81	-29.41	-9.60	1.14551	109.65	PASS
11AX20SISO	Ant1	5320	5249.8-5250	5249.81	-35.25	5.81	-29.44	-1.73	1.13763	670.89	PASS
11AX20SISO	Ant1	5320	5350-5365	5353.98	-34.31	5.81	-28.5	-26.02	1.41254	2.5	PASS
11AX20SISO	Ant1	5500	5455-5460	5458.66	-35.08	4.7	-30.38	-26.02	0.91622	2.5	PASS
11AX20SISO	Ant1	5500	5460-5470	5464.95	-34.25	4.7	-29.55	-19.03	1.10917	12.5	PASS
11AX20SISO	Ant1	5500	5745-5765	5756.47	-33.67	4.7	-28.97	-19.03	1.26765	12.5	PASS
11AX20SISO	Ant1	5500	5765-5780	5777.95	-34.65	4.7	-29.95	-26.02	1.01158	2.5	PASS
11AX20SISO	Ant1	5600	5455-5460	5459.29	-34.74	4.7	-30.04	-26.02	0.99083	2.5	PASS
11AX20SISO	Ant1	5600	5460-5470	5465.20	-34.27	4.7	-29.57	-19.03	1.10408	12.5	PASS
11AX20SISO	Ant1	5600	5745-5765	5756.97	-34.50	4.7	-29.8	-19.03	1.04713	12.5	PASS
11AX20SISO	Ant1	5600	5765-5780	5771.08	-34.34	4.7	-29.64	-26.02	1.08643	2.5	PASS
11AX20SISO	Ant1	5700	5455-5460	5458.27	-34.70	4.7	-30	-26.02	1.00000	2.5	PASS
11AX20SISO	Ant1	5700	5460-5470	5469.05	-34.87	4.7	-30.17	-19.03	0.96161	12.5	PASS
11AX20SISO	Ant1	5700	5745-5765	5763.53	-33.87	4.7	-29.17	-19.03	1.21060	12.5	PASS
11AX20SISO	Ant1	5700	5765-5780	5768.73	-34.21	4.7	-29.51	-26.02	1.11944	2.5	PASS
11AX40SISO	Ant1	5190	5100-5141.6	5119.00	-35.45	5.77	-29.68	-26.02	1.07647	2.5	PASS
11AX40SISO	Ant1	5190	5141.6-5150	5146.71	-35.89	5.77	-30.12	-18.24	0.97275	15	PASS
11AX40SISO	Ant1	5190	5250-5251	5251.00	-35.51	5.77	-29.74	-13.01	1.06170	50.00	PASS
11AX40SISO	Ant1	5190	5251-5270	5268.54	-35.22	5.77	-29.45	-20.40	1.13501	9.13	PASS
11AX40SISO	Ant1	5190	5270-5278.4	5276.96	-34.74	5.77	-28.97	-25.19	1.26765	3.03	PASS
11AX40SISO	Ant1	5190	5278.4-5400	5358.05	-34.10	5.77	-28.33	-26.02	1.46893	2.5	PASS
11AX40SISO	Ant1	5230	5100-5141.6	5116.43	-35.33	5.77	-29.56	-26.02	1.10662	2.5	PASS
11AX40SISO	Ant1	5230	5141.6-5150	5144.68	-35.90	5.77	-30.13	-18.24	0.97051	15	PASS
11AX40SISO	Ant1	5230	5250-5251	5250.01	-19.14	5.77	-13.37	-3.11	46.02566	488.65	PASS
11AX40SISO	Ant1	5230	5251-5270	5267.37	-35.23	5.77	-29.46	-19.90	1.13240	10.23	PASS
11AX40SISO	Ant1	5230	5270-5278.4	5277.91	-34.70	5.77	-28.93	-25.76	1.27938	2.66	PASS
11AX40SISO	Ant1	5230	5278.4-5400	5332.92	-34.25	5.77	-28.48	-26.02	1.41906	2.5	PASS
11AX40SISO	Ant1	5270	5100-5221.6	5211.47	-34.69	5.81	-28.88	-26.02	1.29420	2.5	PASS
11AX40SISO	Ant1	5270	5221.6-5230	5222.89	-35.59	5.81	-29.78	-25.28	1.05196	2.97	PASS
11AX40SISO	Ant1	5270	5230-5249	5230.19	-35.38	5.81	-29.57	-20.93	1.10408	8.07	PASS
11AX40SISO	Ant1	5270	5249-5250	5249.85	-20.53	5.81	-14.72	-4.51	33.72873	354.00	PASS
11AX40SISO	Ant1	5270	5350-5358.4	5354.52	-33.59	5.81	-27.78	-18.24	1.66725	15	PASS
11AX40SISO	Ant1	5270	5358.4-5400	5363.05	-34.14	5.81	-28.33	-26.02	1.46893	2.5	PASS
11AX40SISO	Ant1	5310	5100-5221.6	5206.81	-34.97	5.81	-29.16	-26.02	1.21339	2.5	PASS
11AX40SISO	Ant1	5310	5221.6-5230	5221.75	-36.06	5.81	-30.25	-25.96	0.94406	2.54	PASS
11AX40SISO	Ant1	5310	5230-5249	5230.86	-35.68	5.81	-29.87	-20.65	1.03039	8.61	PASS
11AX40SISO	Ant1	5310	5249-5250	5249.08	-35.66	5.81	-29.85	-12.21	1.03514	60.12	PASS
11AX40SISO	Ant1	5310	5350-5358.4	5356.41	-33.84	5.81	-28.03	-18.24	1.57398	15	PASS
11AX40SISO	Ant1	5310	5358.4-5400	5392.86	-34.33	5.81	-28.52	-26.02	1.40605	2.5	PASS
11AX40SISO	Ant1	5510	5420-5460	5444.07	-34.39	4.7	-29.69	-19.03	1.07399	12.5	PASS
11AX40SISO	Ant1	5510	5460-5470	5462.25	-34.66	4.7	-29.96	-13.01	1.00925	50	PASS
11AX40SISO	Ant1	5510	5770-5780	5775.55	-34.51	4.7	-29.81	-19.03	1.04472	12.5	PASS
11AX40SISO	Ant1	5550	5420-5460	5424.53	-34.78	4.7	-30.08	-19.03	0.98175	12.5	PASS
11AX40SISO	Ant1	5550	5460-5470	5466.02	-34.62	4.7	-29.92	-13.01	1.01859	50	PASS
11AX40SISO	Ant1	5550	5770-5780	5772.55	-34.30	4.7	-29.6	-19.03	1.09648	12.5	PASS
11AX40SISO	Ant1	5670	5420-5460	5422.33	-33.92	4.7	-29.22	-19.03	1.19674	12.5	PASS
11AX40SISO	Ant1	5670	5460-5470	5460.37	-34.74	4.7	-30.04	-13.01	0.99083	50	PASS
11AX40SISO	Ant1	5670	5770-5780	5771.00	-34.17	4.7	-29.47	-19.03	1.12980	12.5	PASS
11AX80SISO	Ant1	5210	5020-5123.2	5046.49	-34.96	5.77	-29.19	-26.02	1.20504	2.5	PASS
11AX80SISO	Ant1	5210	5123.2-5150	5141.42	-35.15	5.77	-29.38	-18.24	1.15345	15	PASS
11AX80SISO	Ant1	5210	5250-5251	5250.09	-24.20	5.77	-18.43	-6.92	14.35489	203.24	PASS
11AX80SISO	Ant1	5210	5251-5290	5274.53	-35.25	5.77	-29.48	-20.85	1.12720	8.23	PASS
11AX80SISO	Ant1	5210	5290-5296.7	5296.10	-34.76	5.77	-28.99	-25.85	1.26183	2.60	PASS
11AX80SISO	Ant1	5210	5296.7-5480	5376.74	-33.99	5.77	-28.22	-26.02	1.50661	2.5	PASS
11AX80SISO	Ant1	5290	5020-5203.3	5194.75	-34.37	5.81	-28.56	-26.02	1.39316	2.5	PASS
11AX80SISO	Ant1	5290	5203.3-5210	5203.70	-35.79	5.81	-29.98	-25.91	1.00462	2.56	PASS
11AX80SISO	Ant1	5290	5210-5249	5211.89	-35.01	5.81	-29.2	-23.63	1.20226	4.33	PASS
11AX80SISO	Ant1	5290	5249-5250	5249.92	-24.85	5.81	-19.04	-6.82	12.47384	207.97	PASS
11AX80SISO	Ant1	5290	5350-5376.8	5370.06	-33.89	5.81	-28.08	-18.24	1.55597	15	PASS
11AX80SISO	Ant1	5290	5376.8-5480	5378.18	-34.10	5.81	-28.29	-26.02	1.48252	2.5	PASS
11AX80SISO	Ant1	5530	5340-5460	5386.00	-34.01	4.7	-29.31	-19.03	1.17220	12.5	PASS
11AX80SISO	Ant1	5530	5460-5469.5	5463.55	-34.56	4.7	-29.86	-13.01	1.03276	50	PASS
11AX80SISO	Ant1	5530	5469.5-5470	5469.90	-34.74	4.7	-30.04	-12.91	0.99083	51.2	PASS
11AX80SISO	Ant1	5530	5770-5800	5788.85	-34.16	4.7	-29.46	-19.03	1.13240	12.5	PASS
11AX80SISO	Ant1	5610	5340-5460	5418.40	-34.13	4.7	-29.43	-19.03	1.14025	12.5	PASS
11AX80SISO	Ant1	5610	5460-5469.5	5460.57	-34.67	4.7	-29.97	-13.01	1.00693	50	PASS
11AX80SISO	Ant1	5610	5469.5-5470	5469.60	-34.35	4.7	-29.65	-12.91	1.08393	51.2	PASS
11AX80SISO	Ant1	5610	5770-5800	5796.70	-34.13	4.7	-29.43	-19.03	1.14025	12.5	PASS

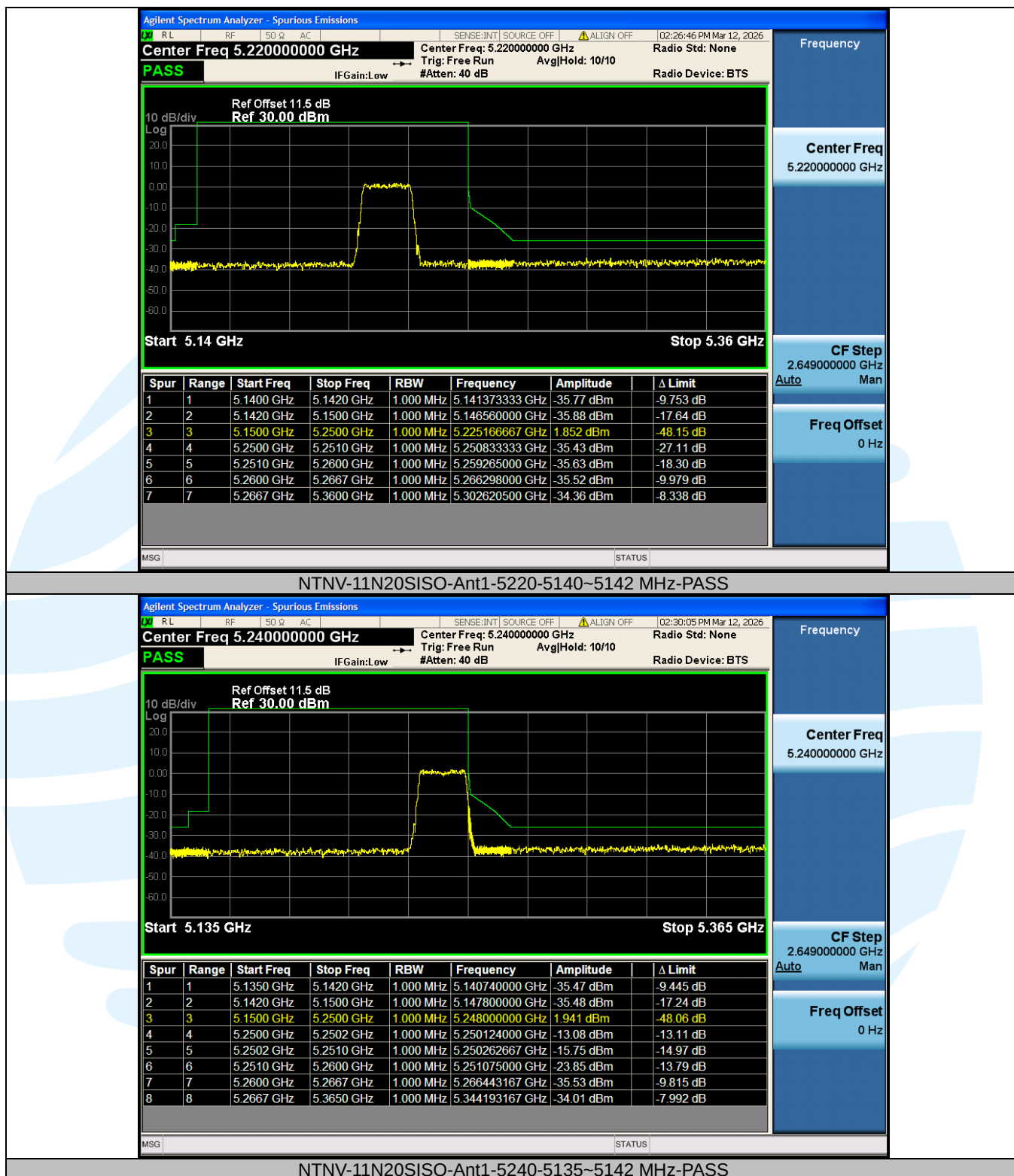


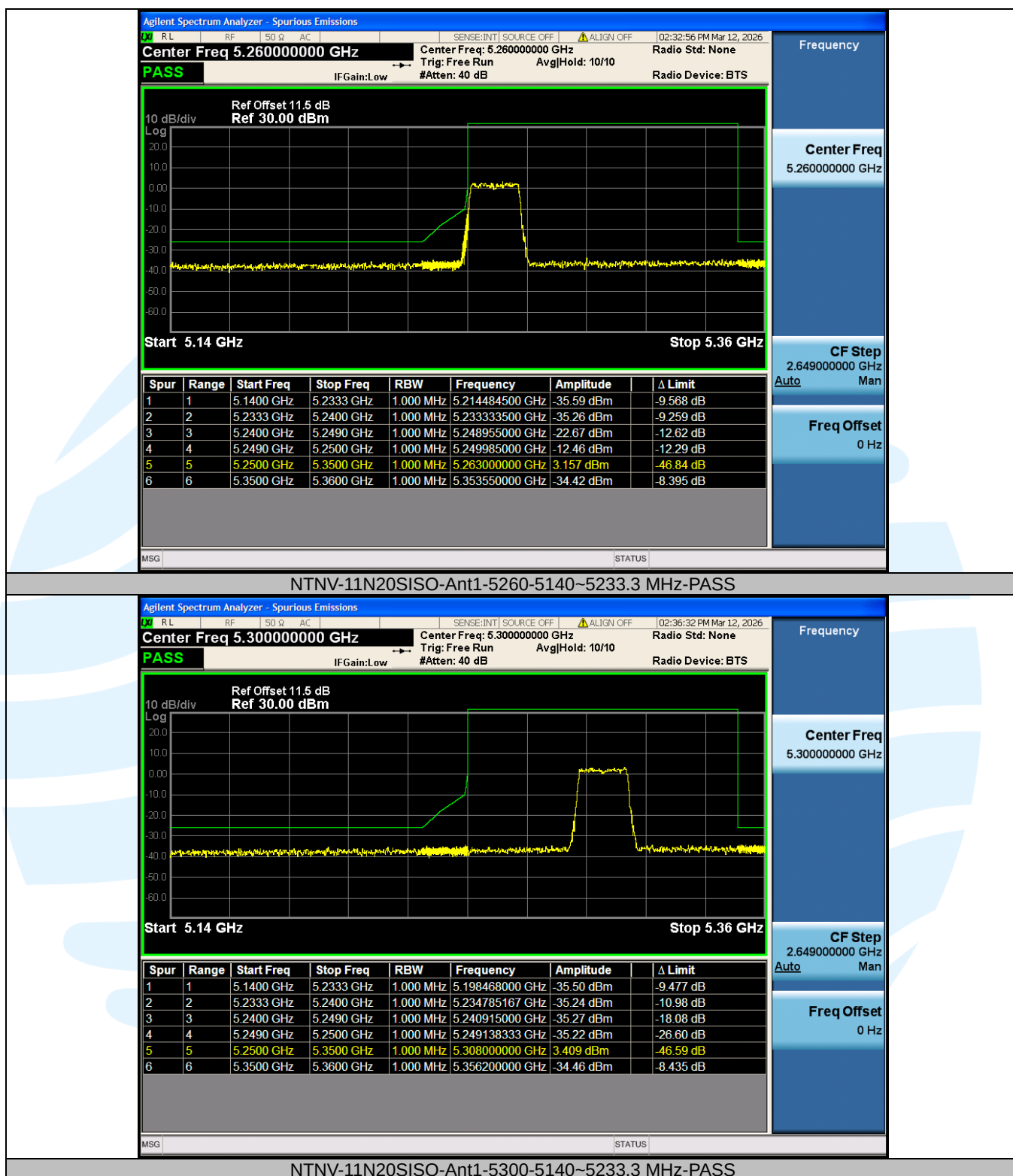


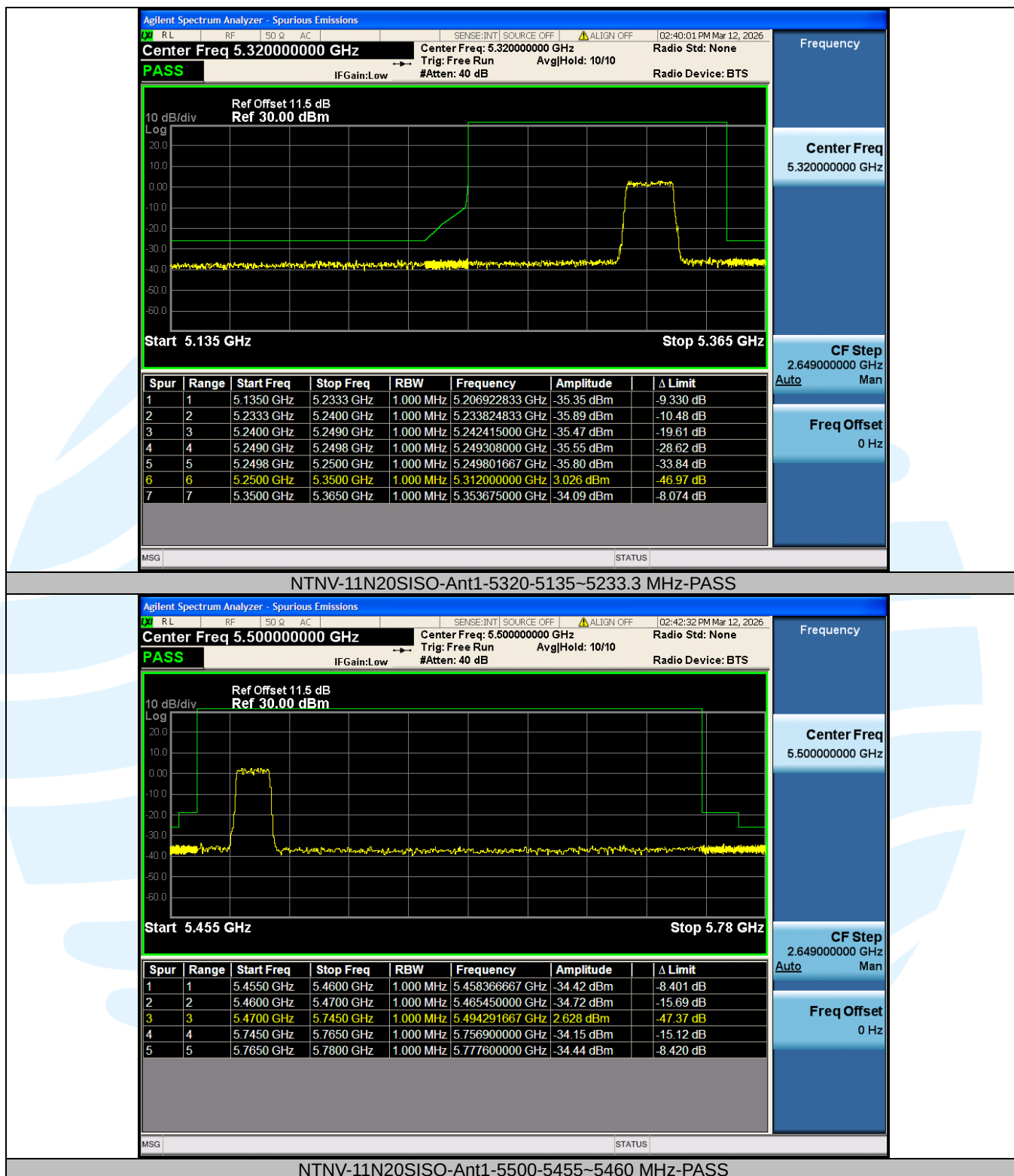


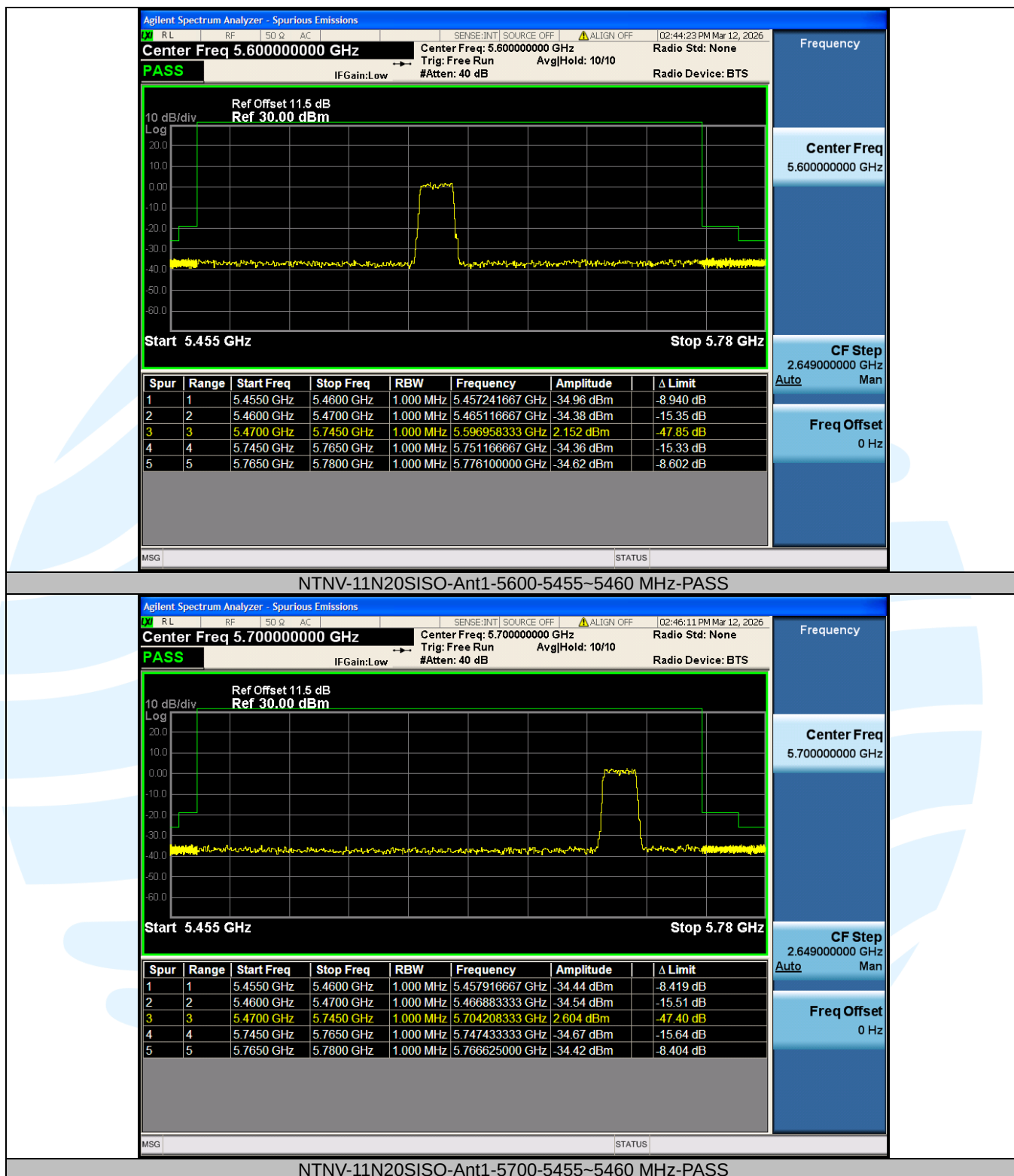


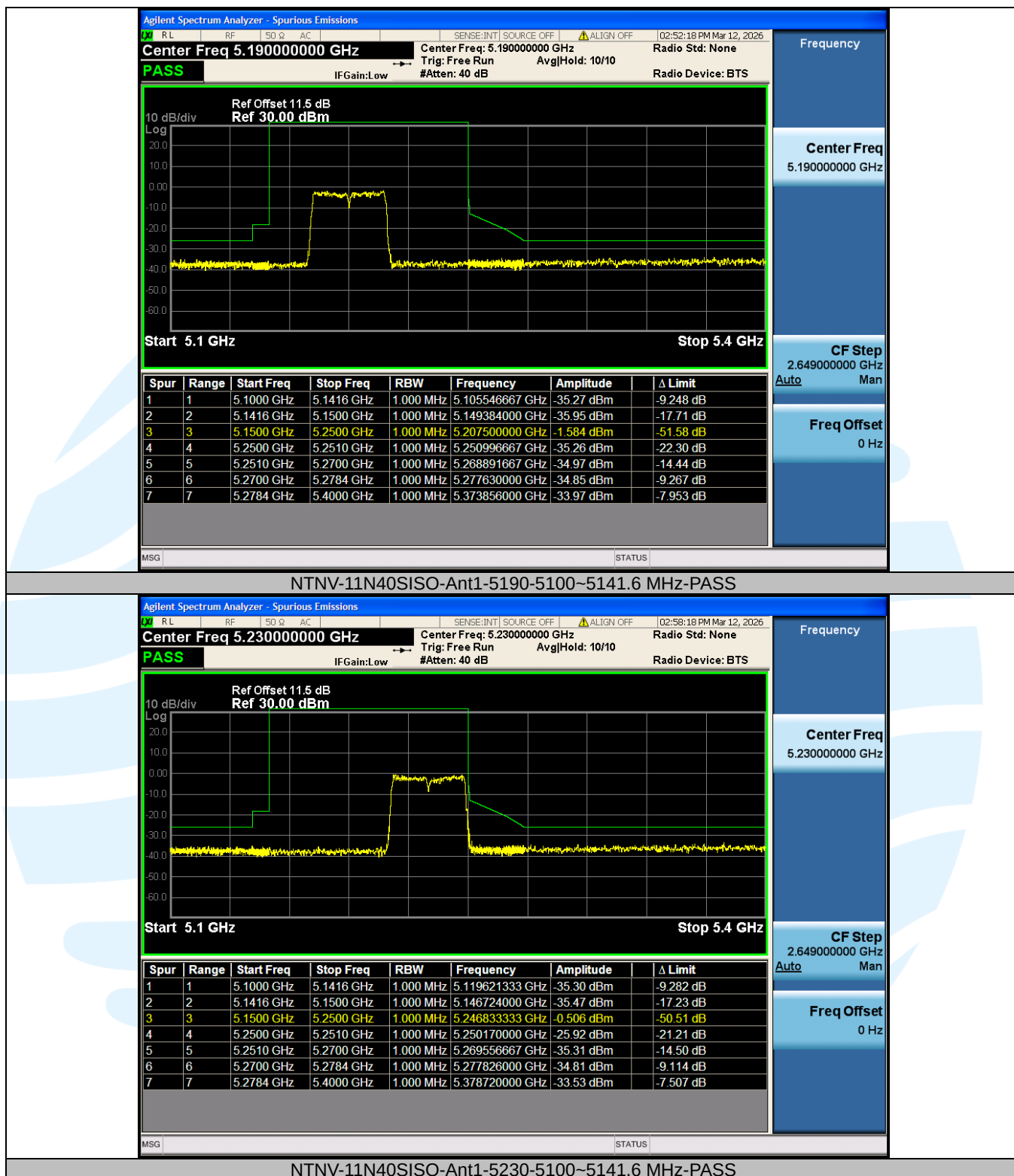


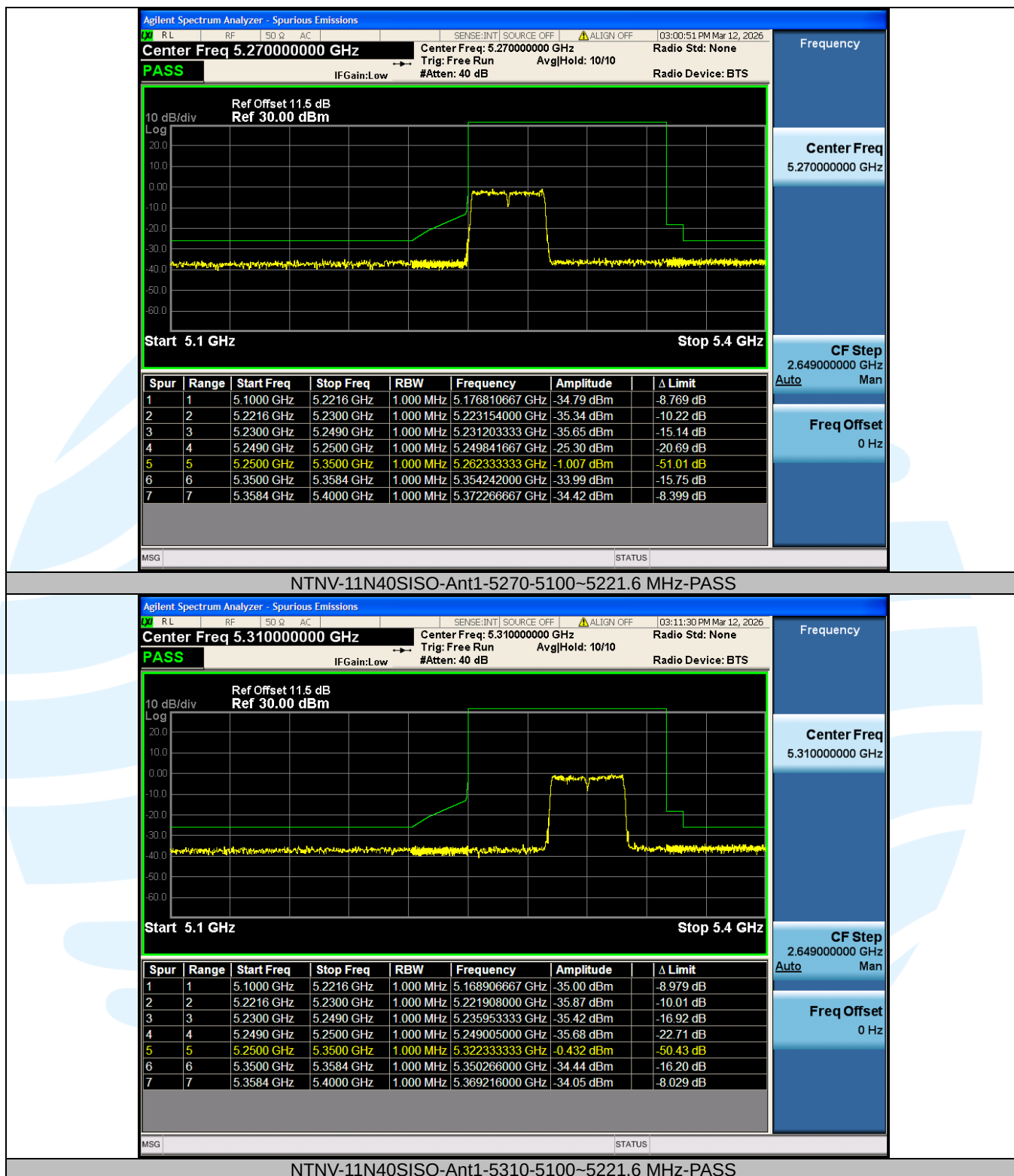


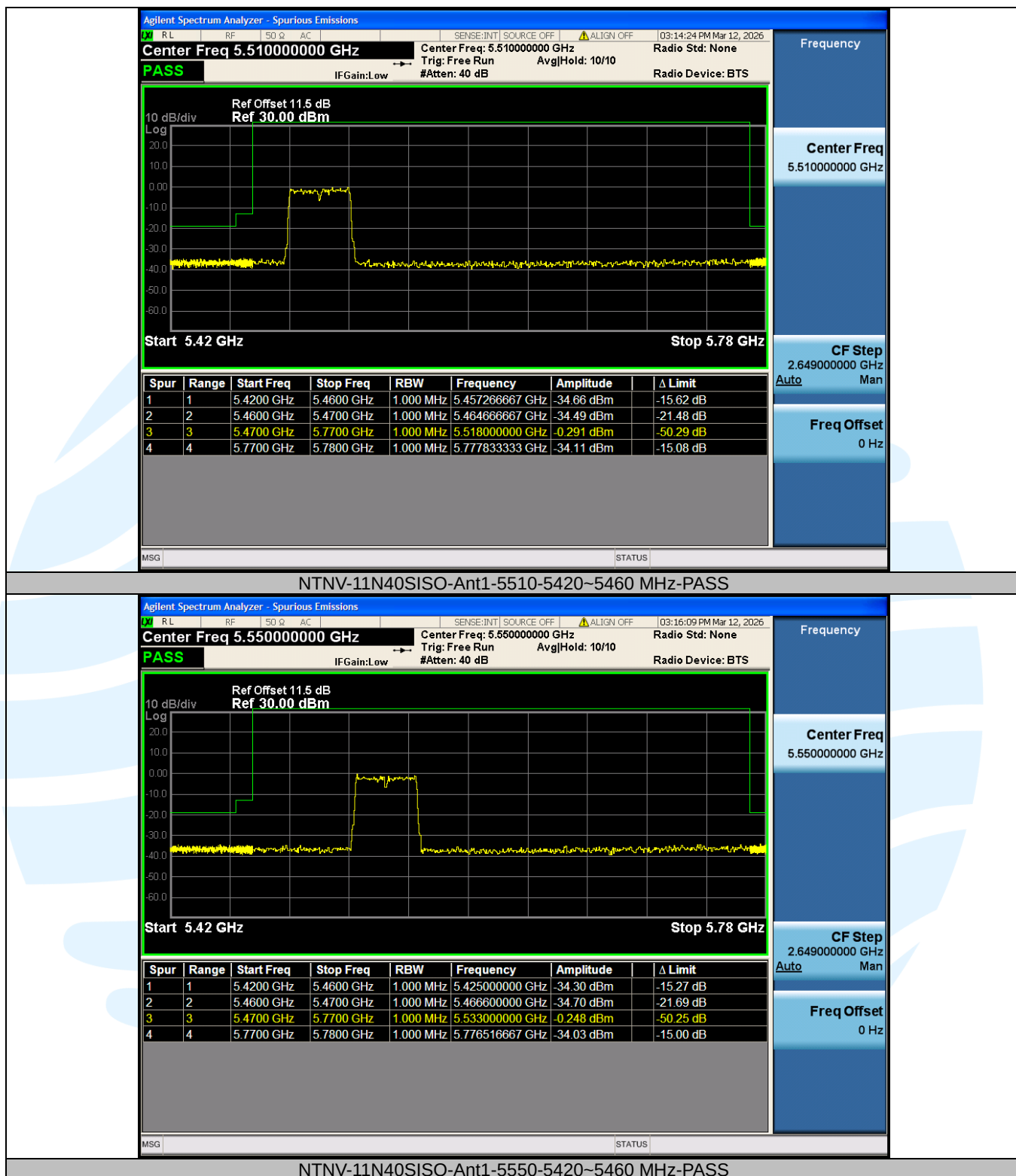


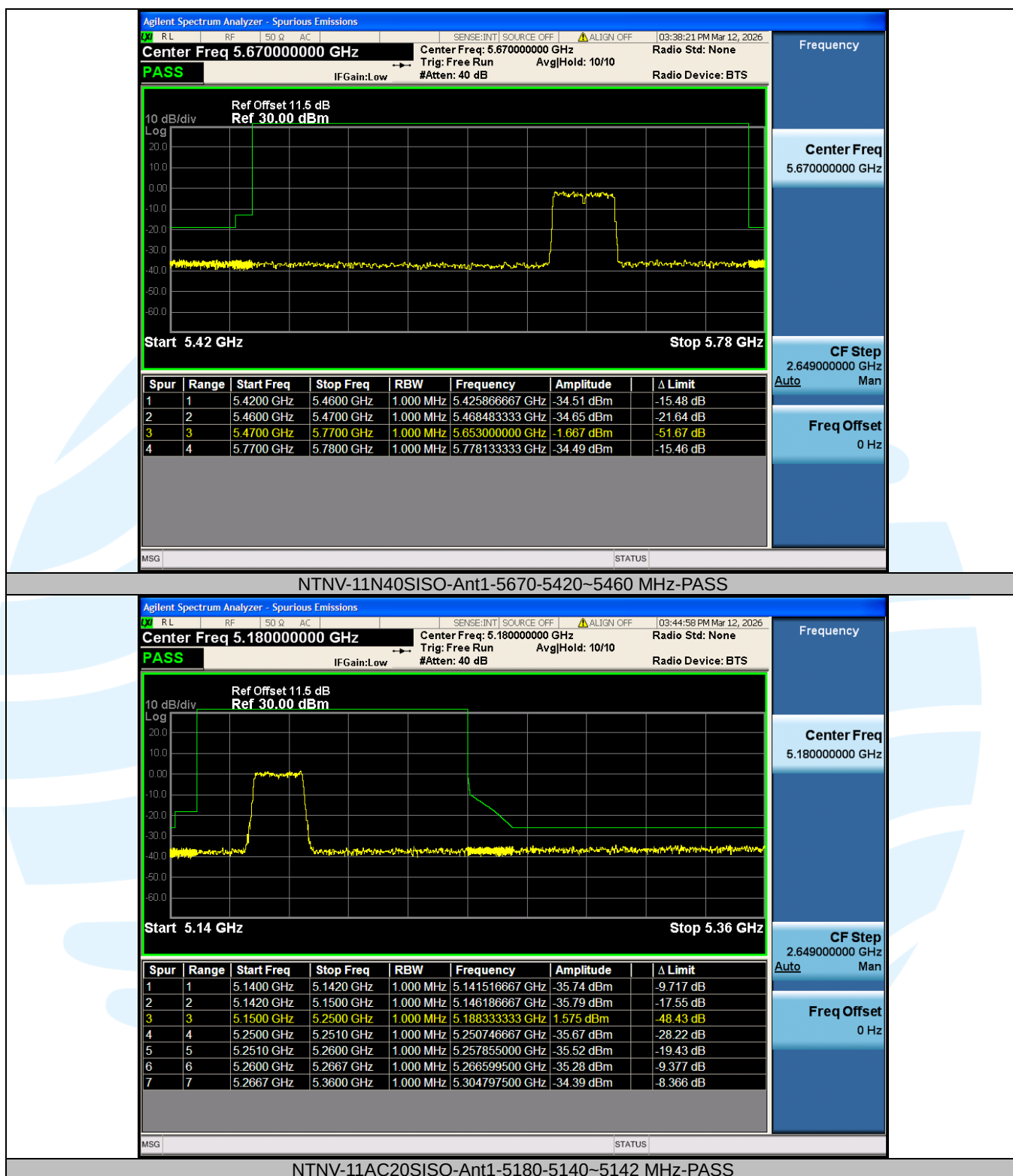


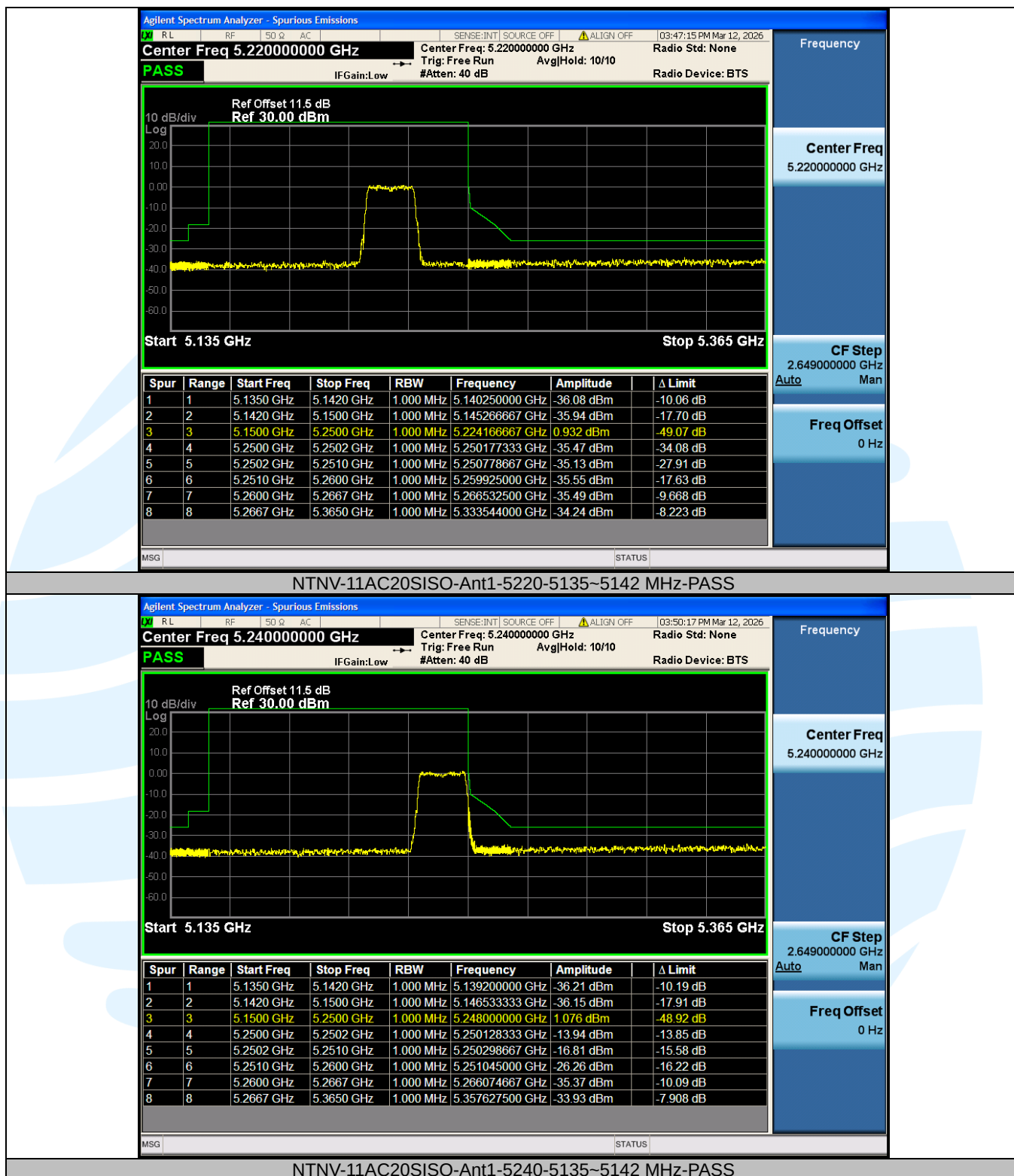


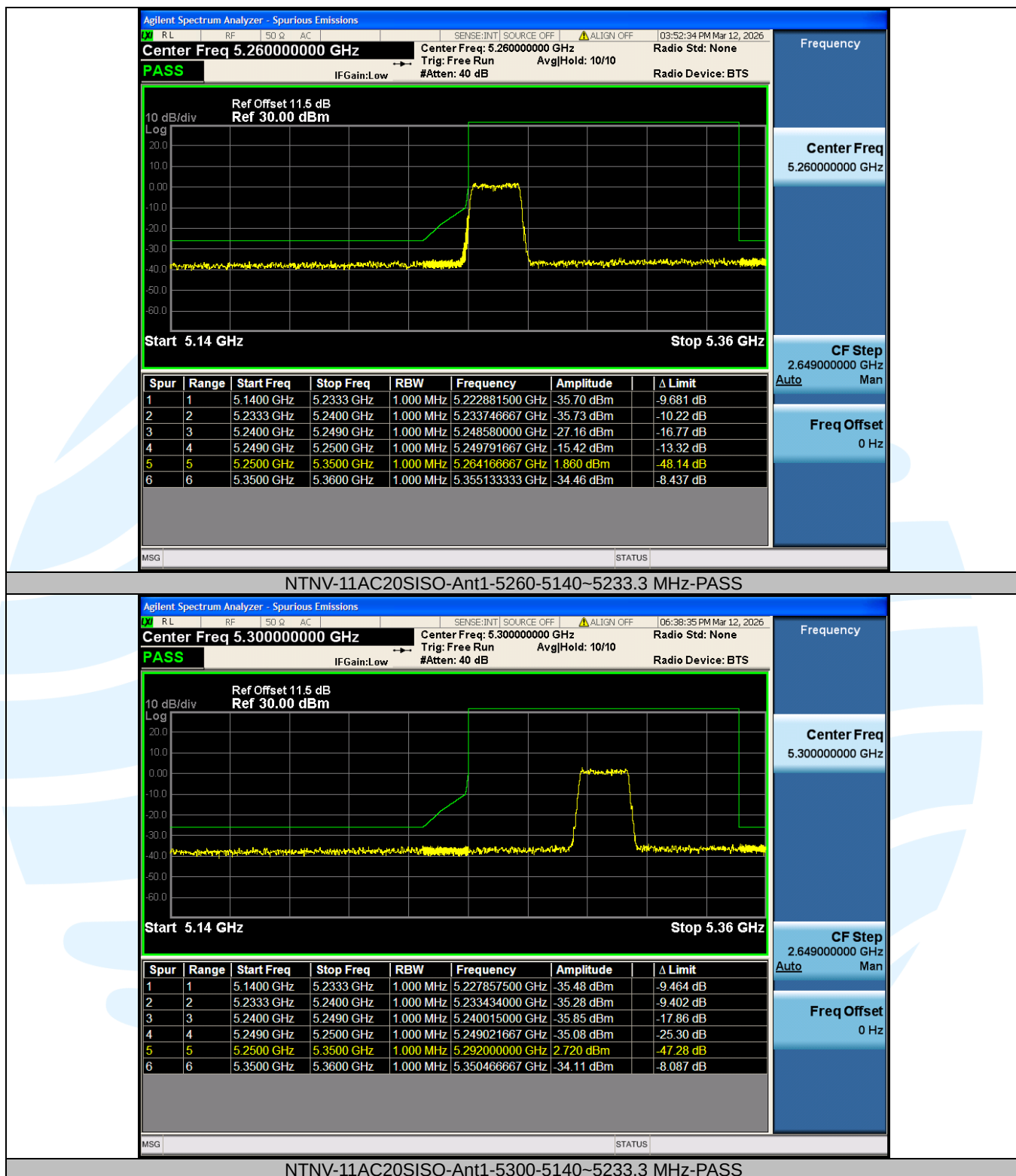


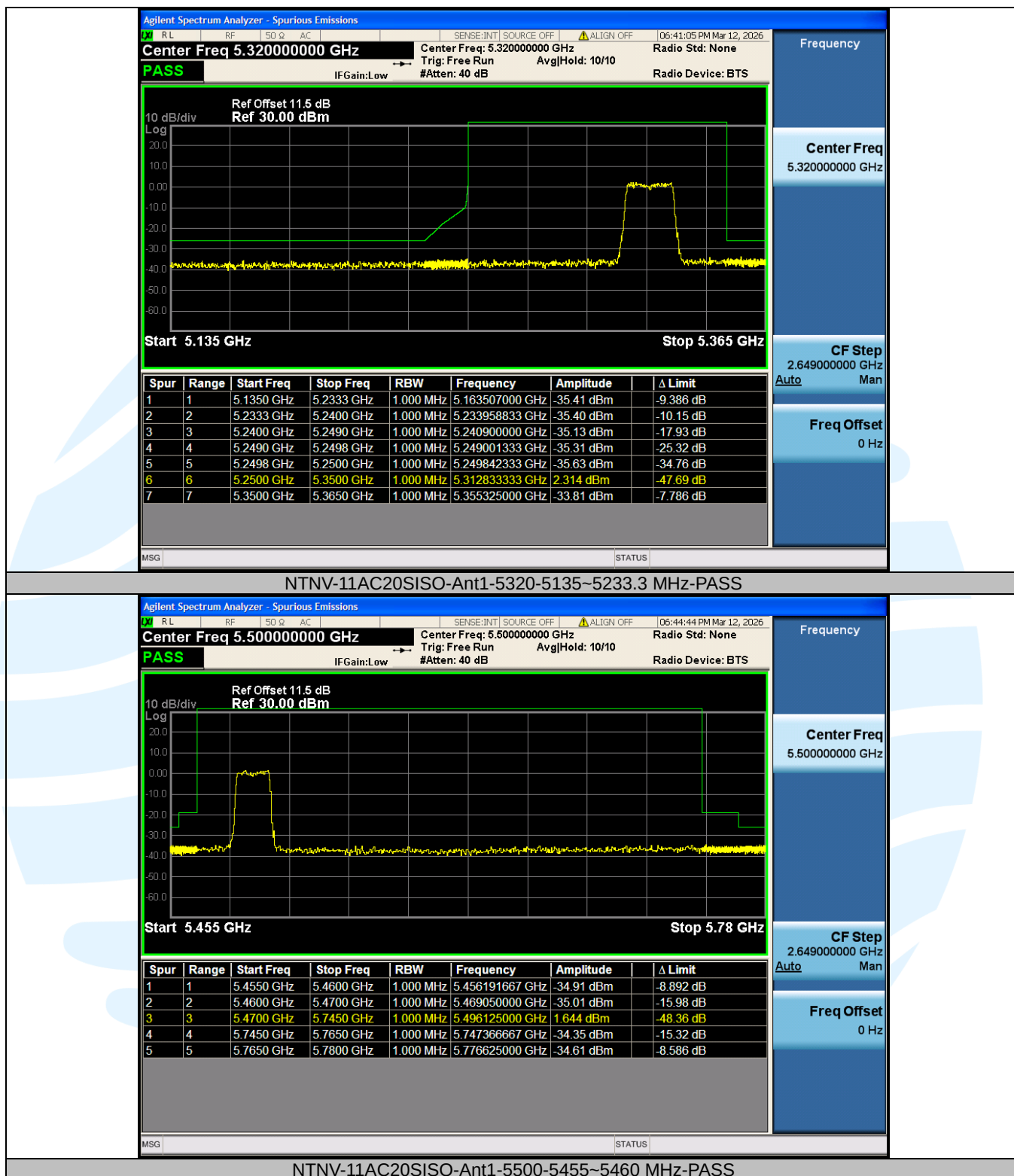


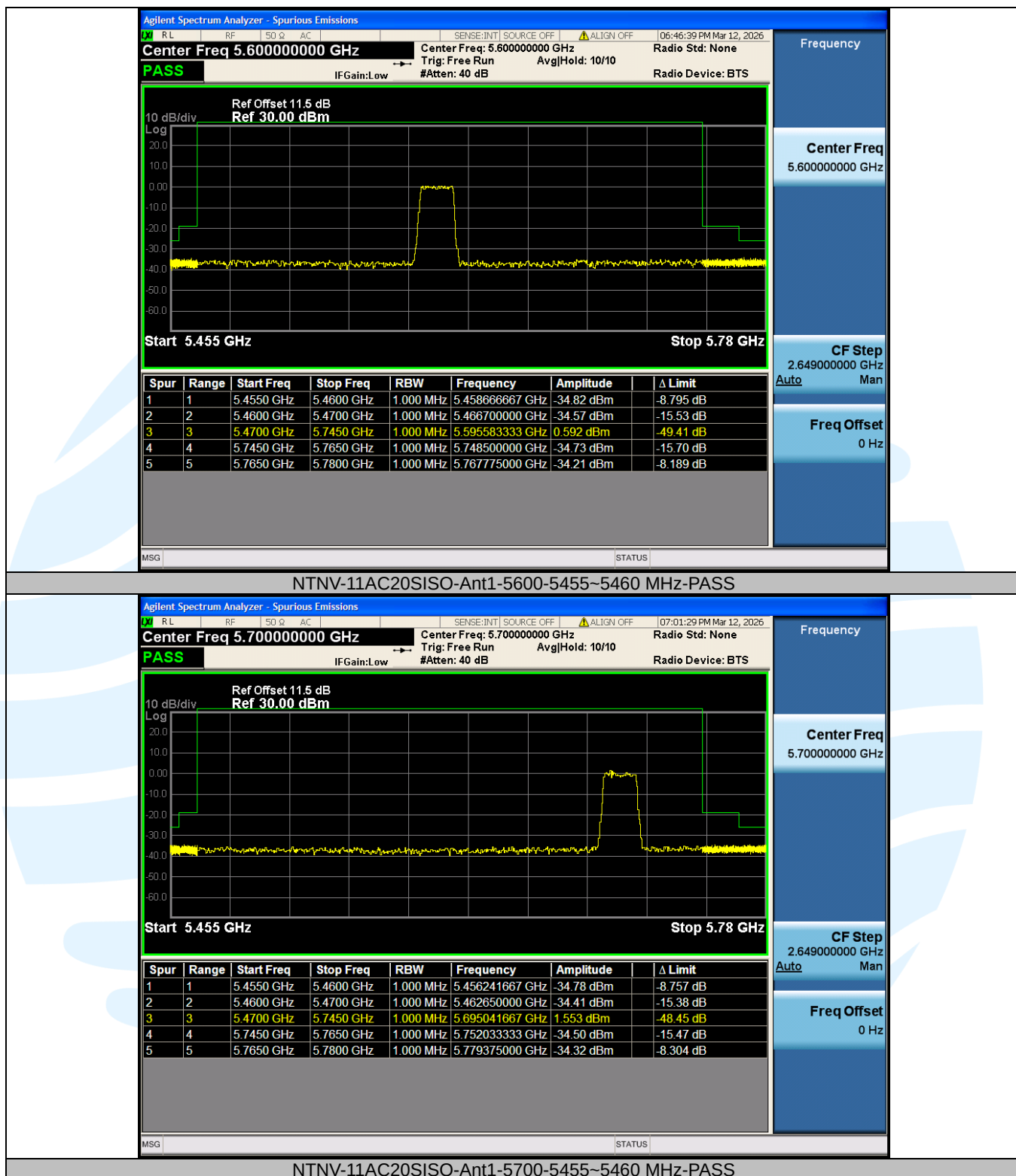


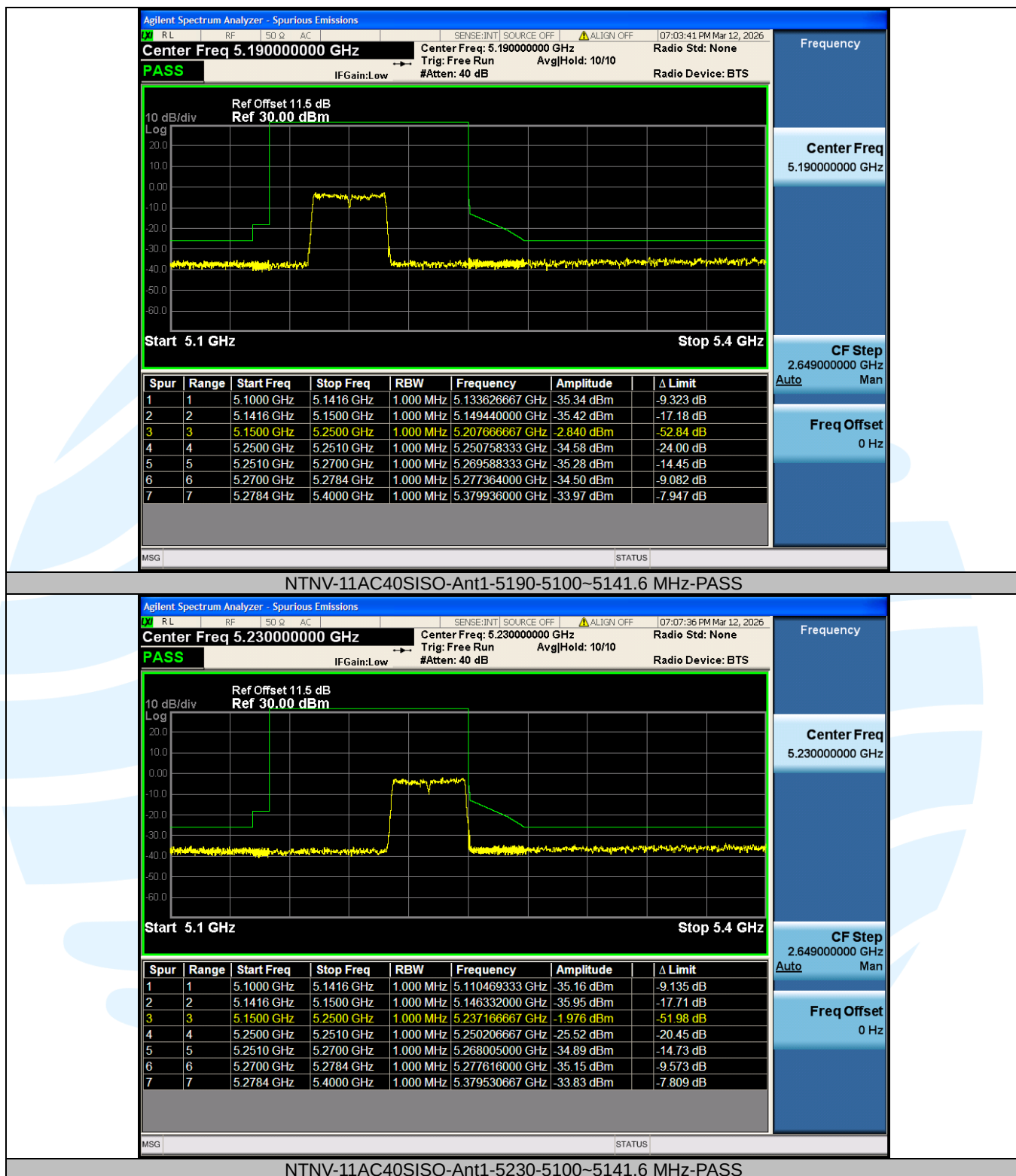


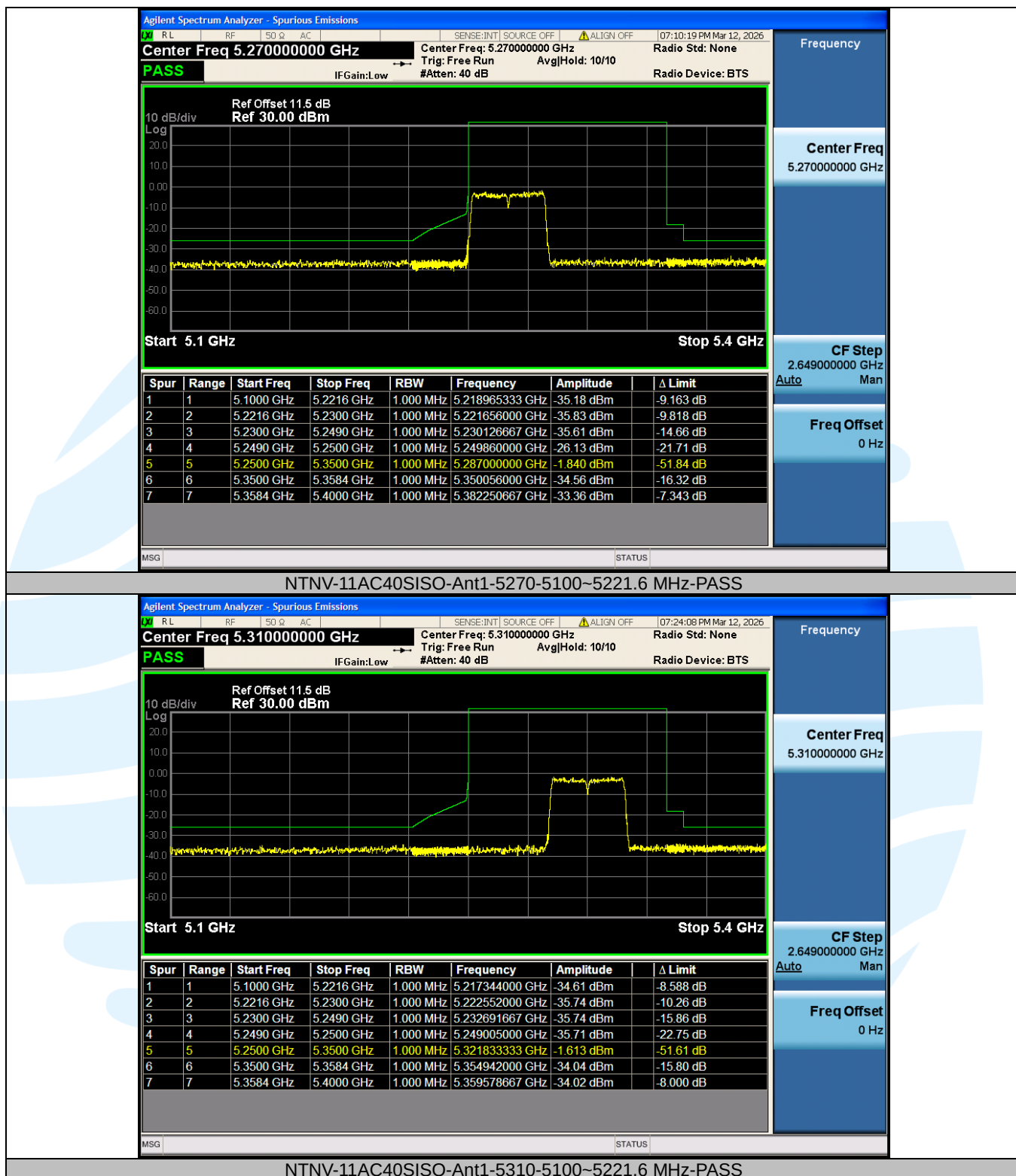


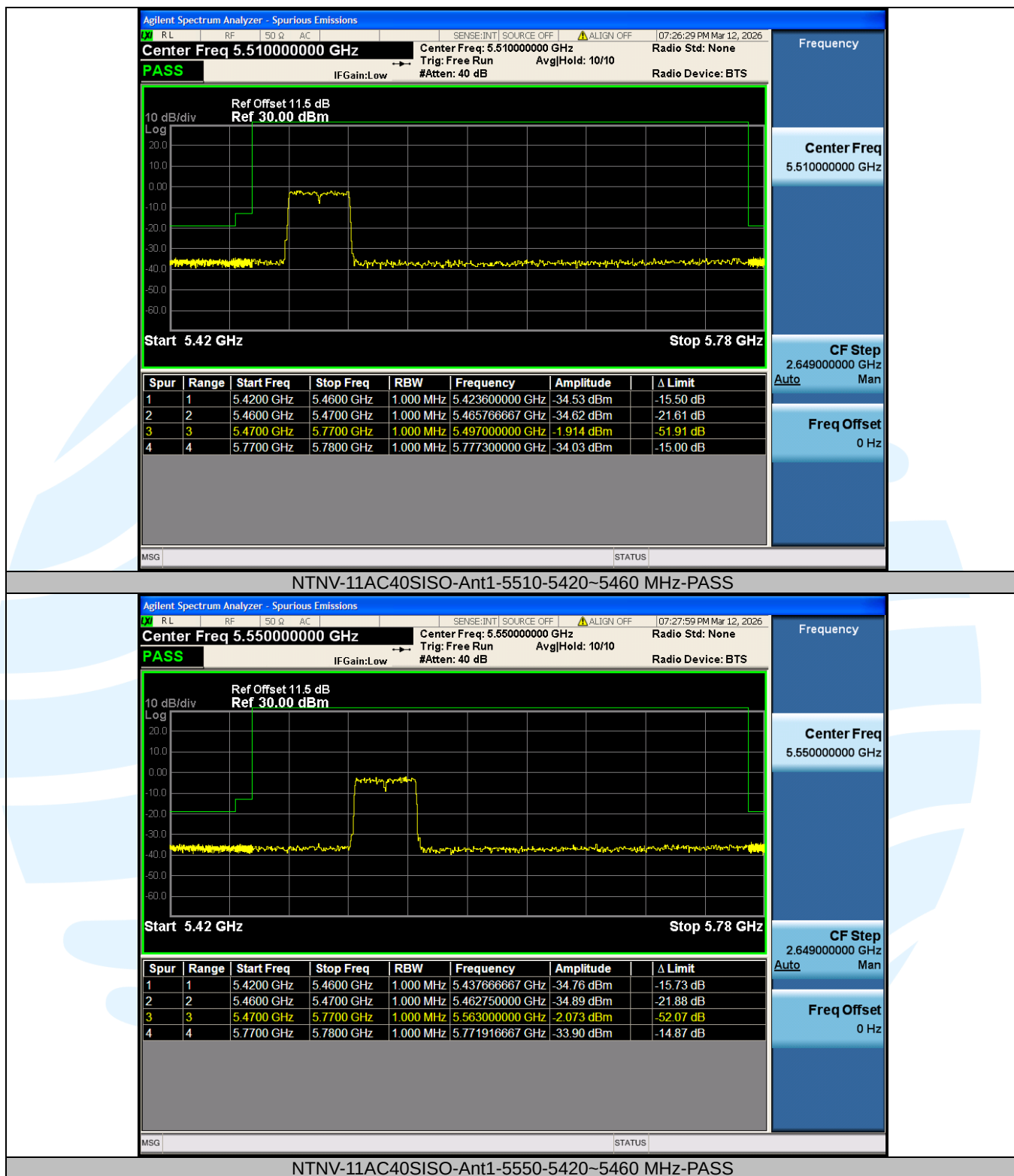


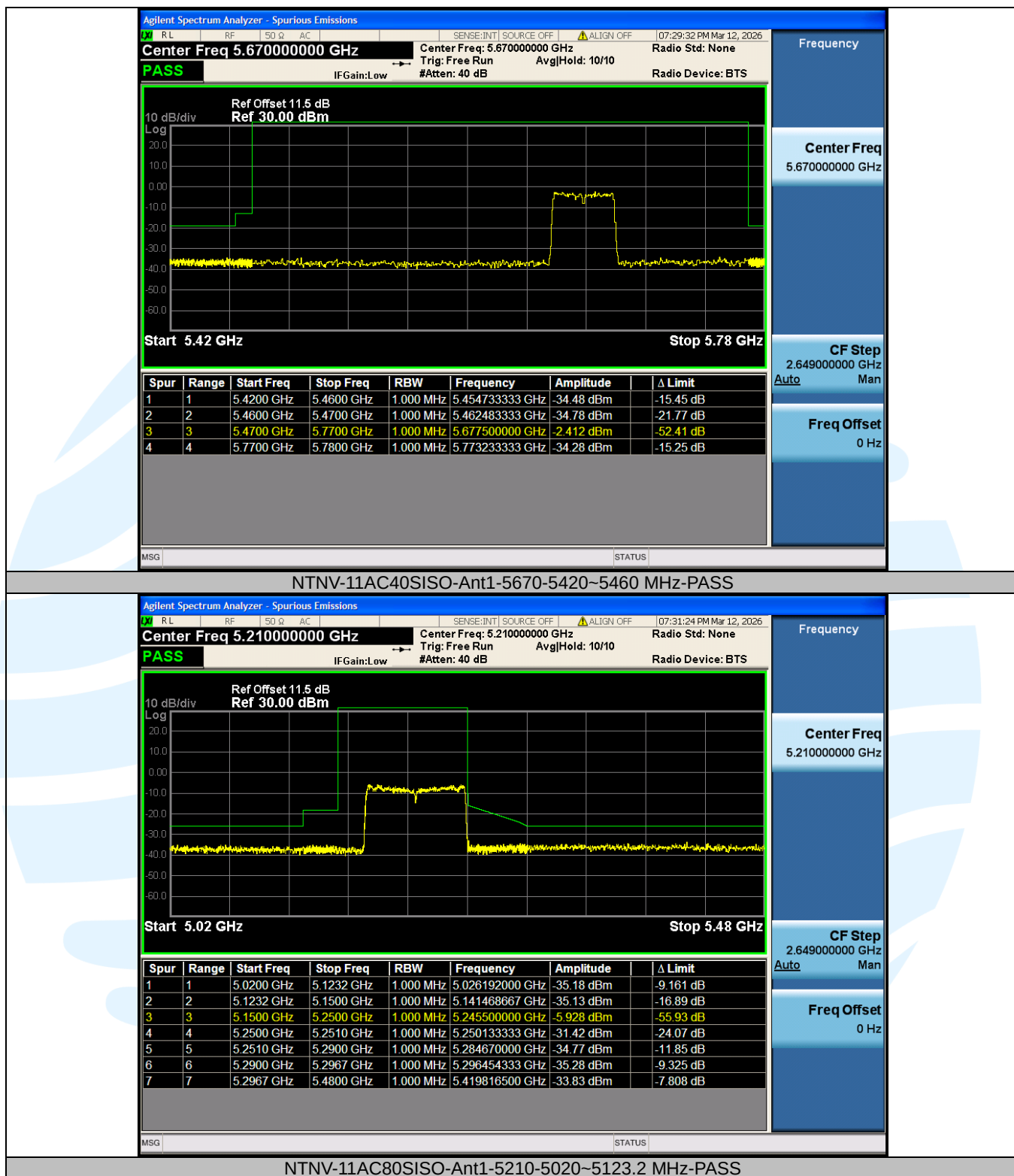


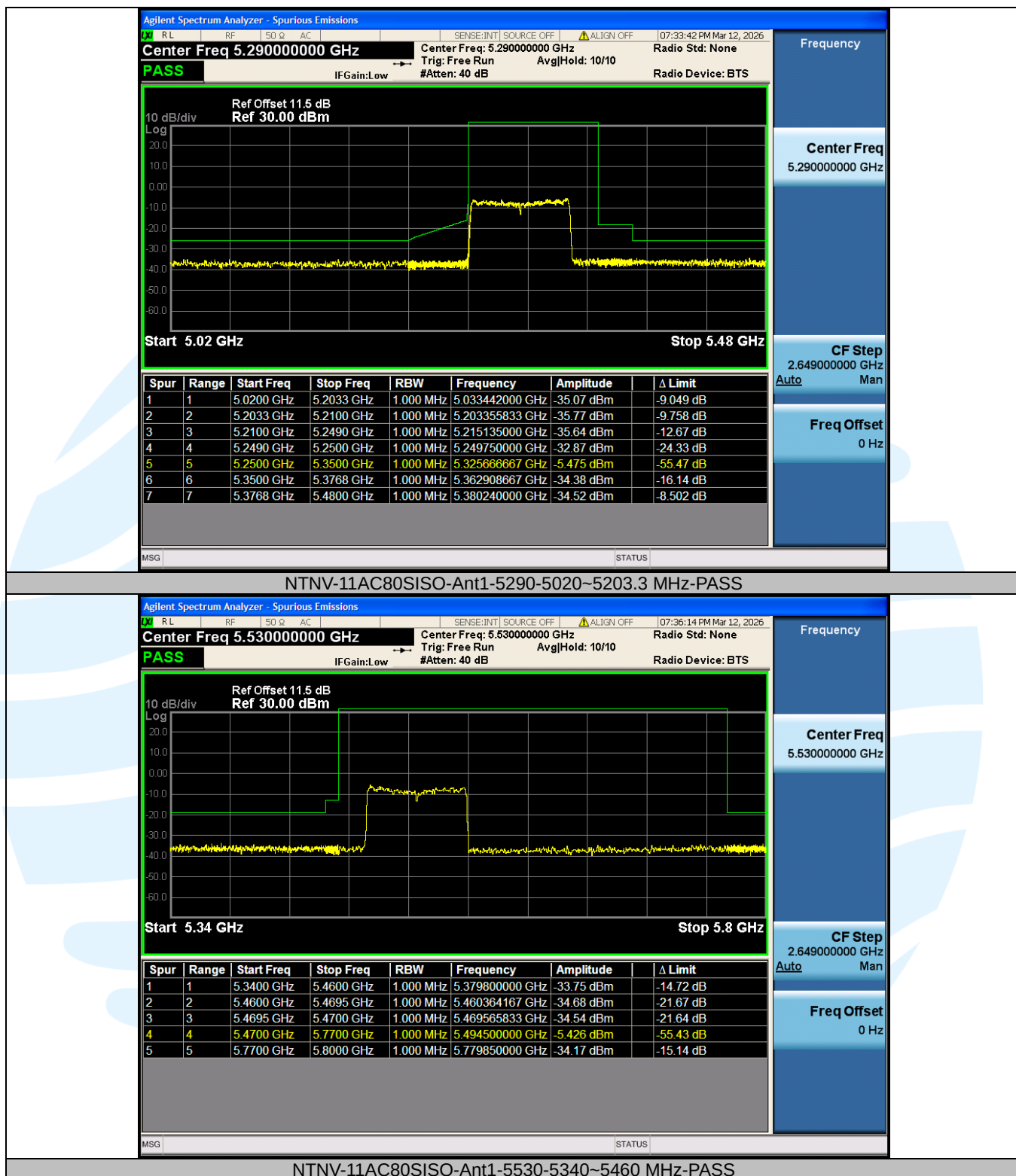


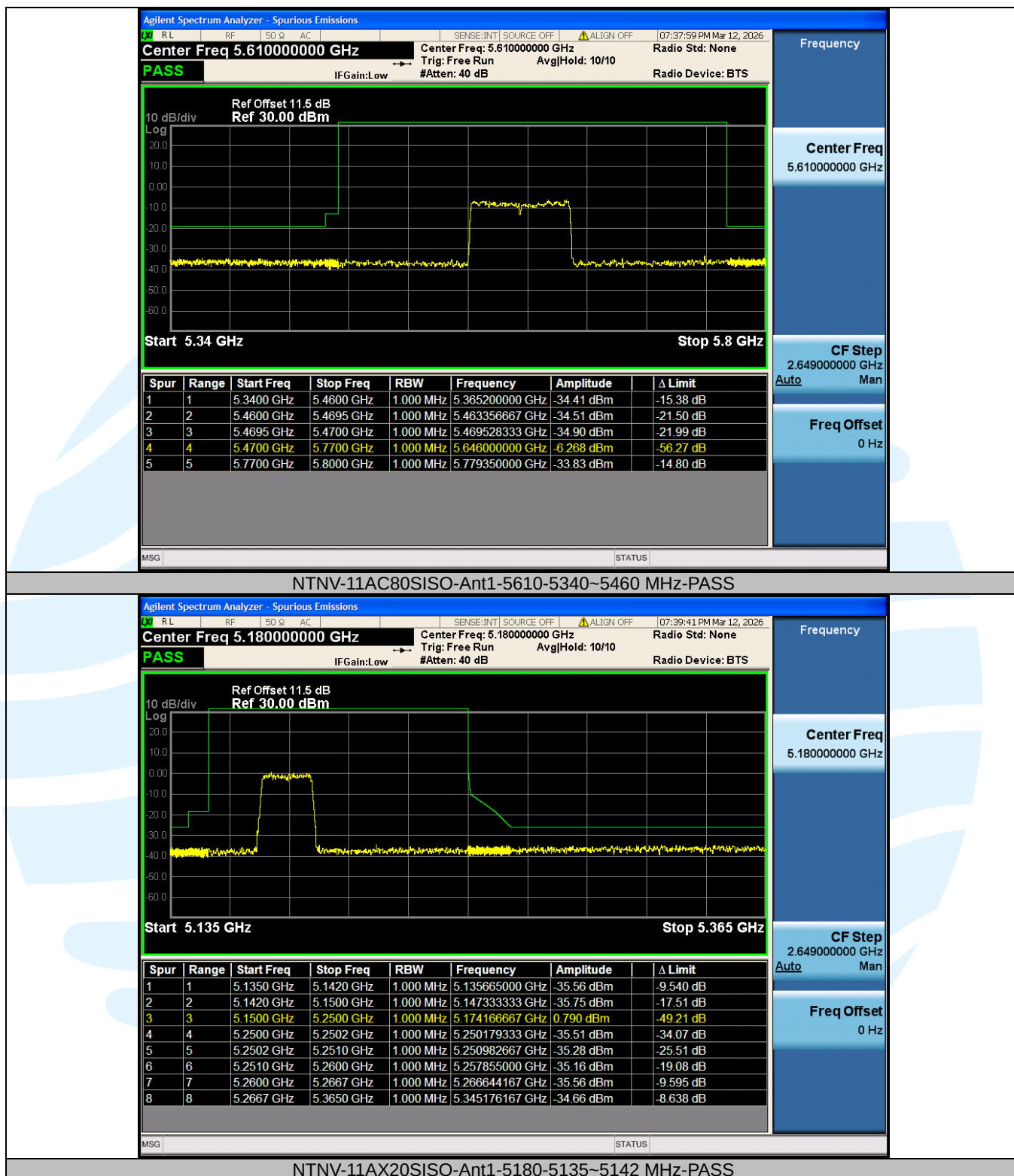


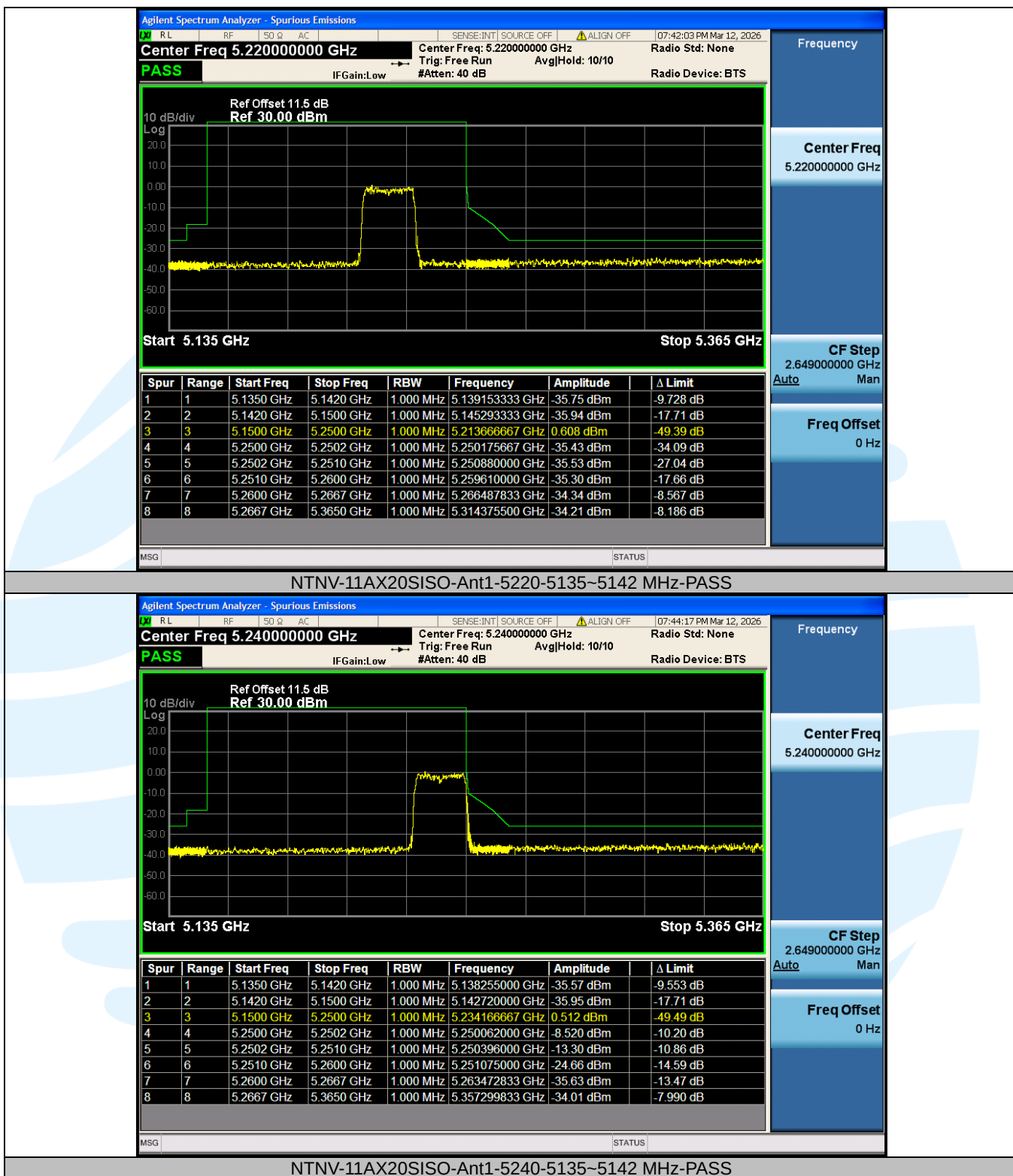


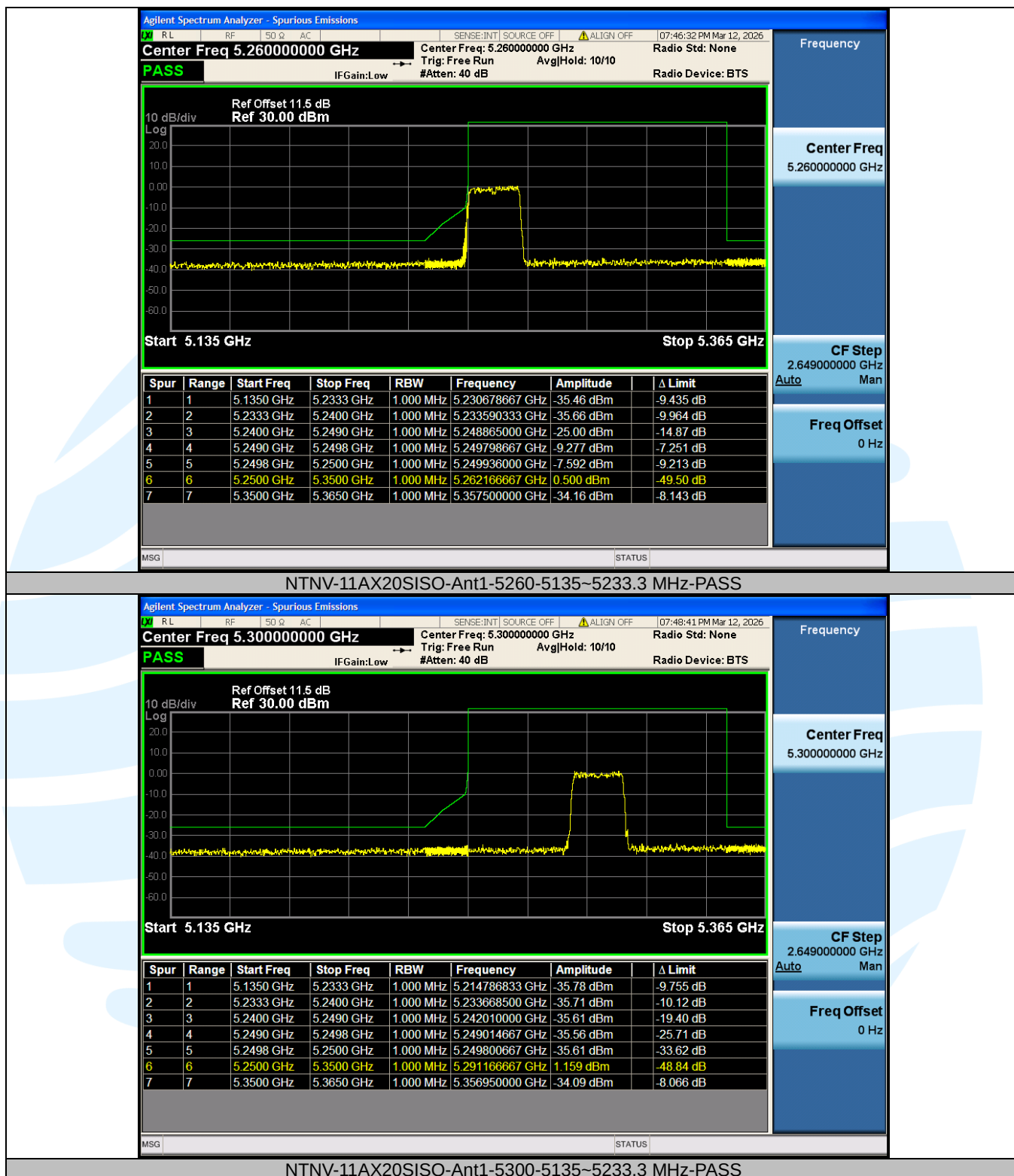


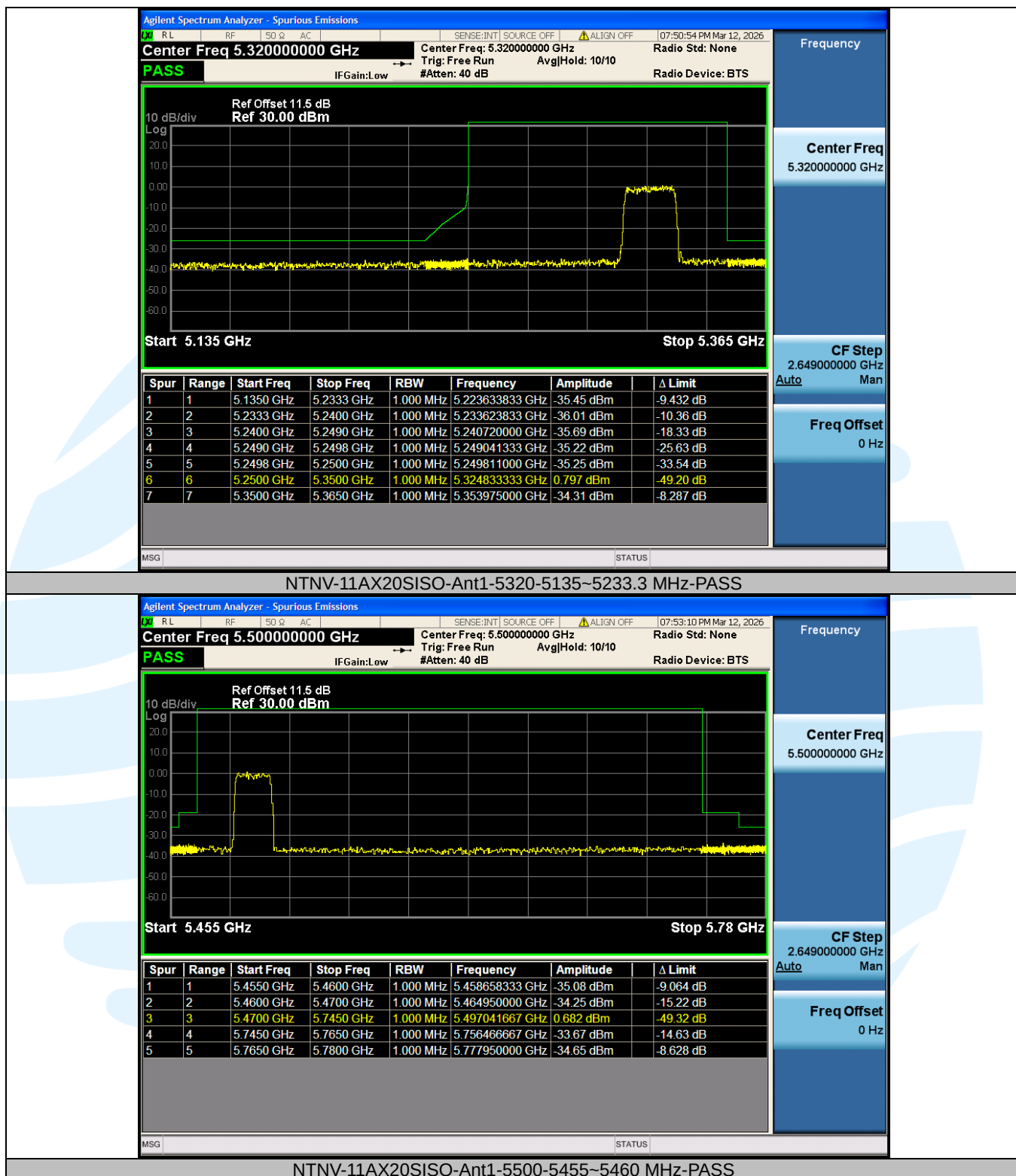


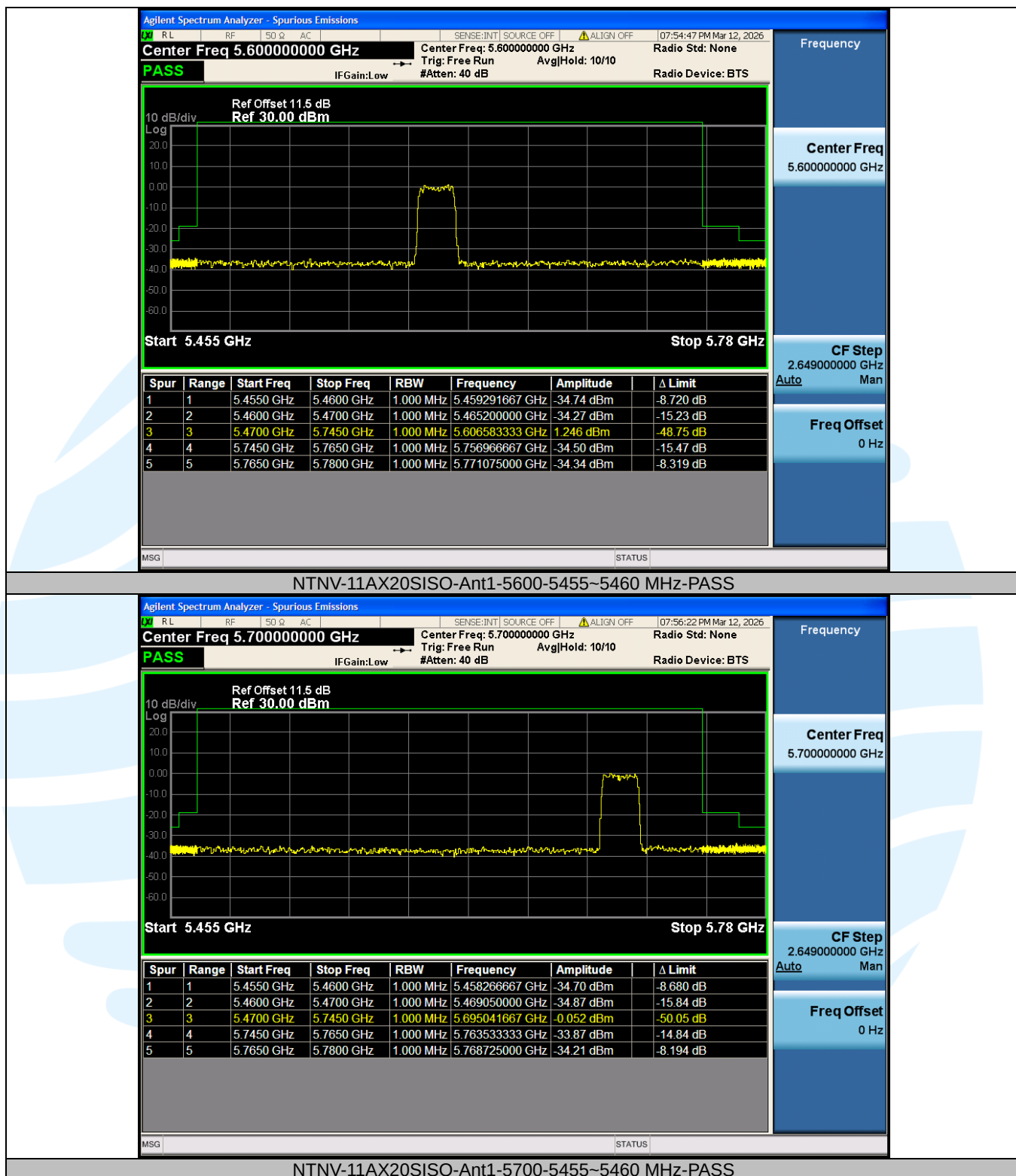


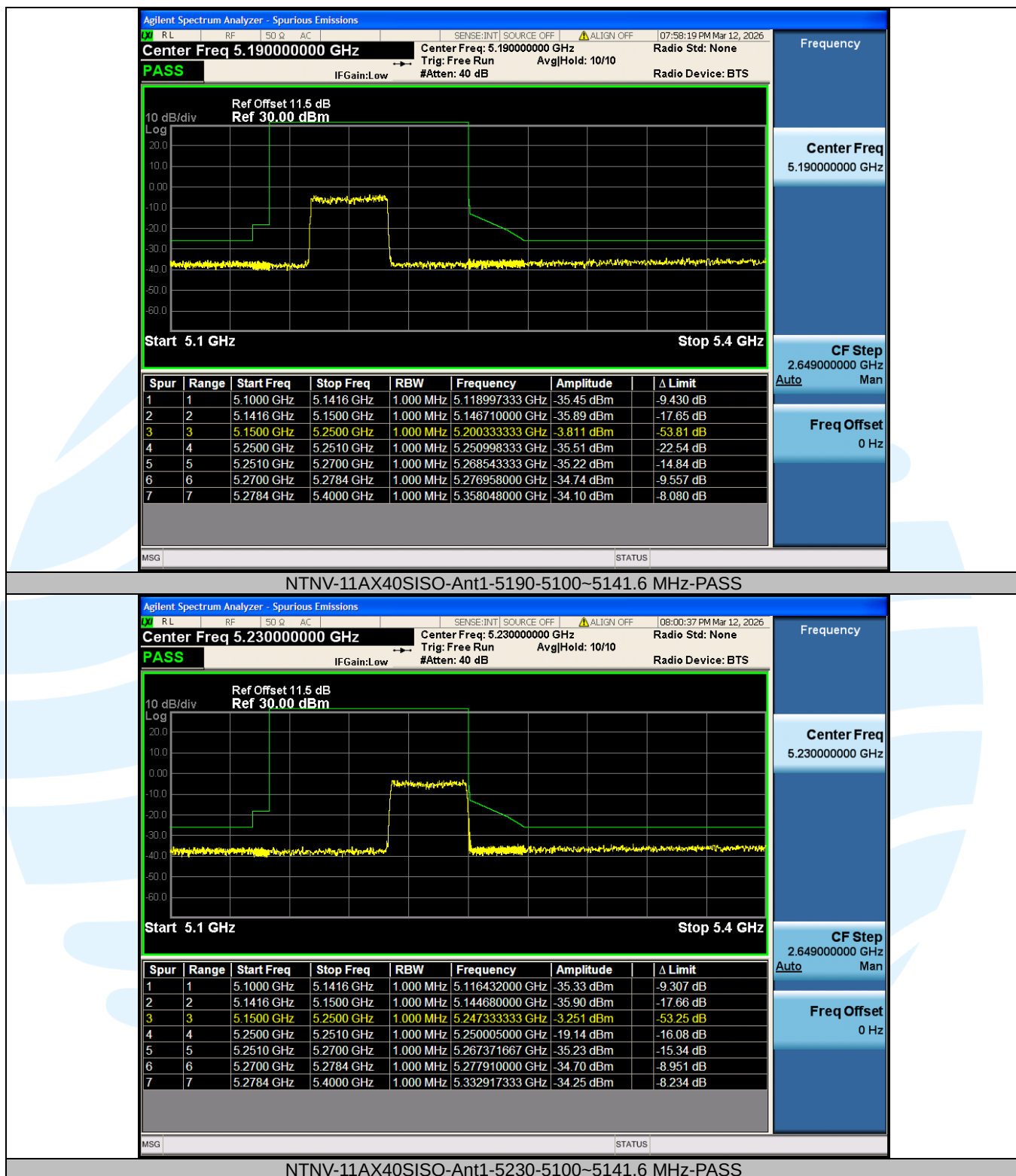


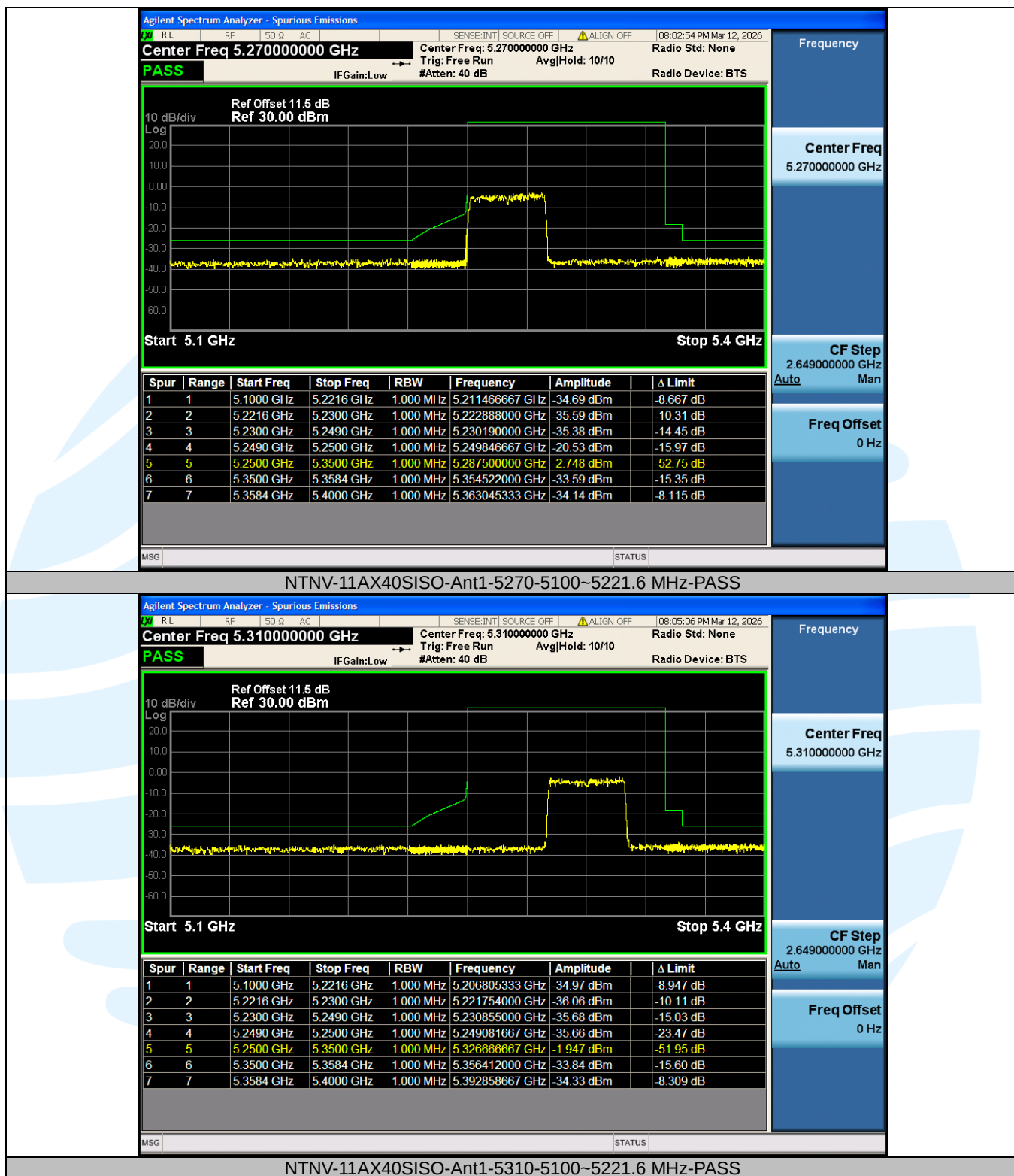


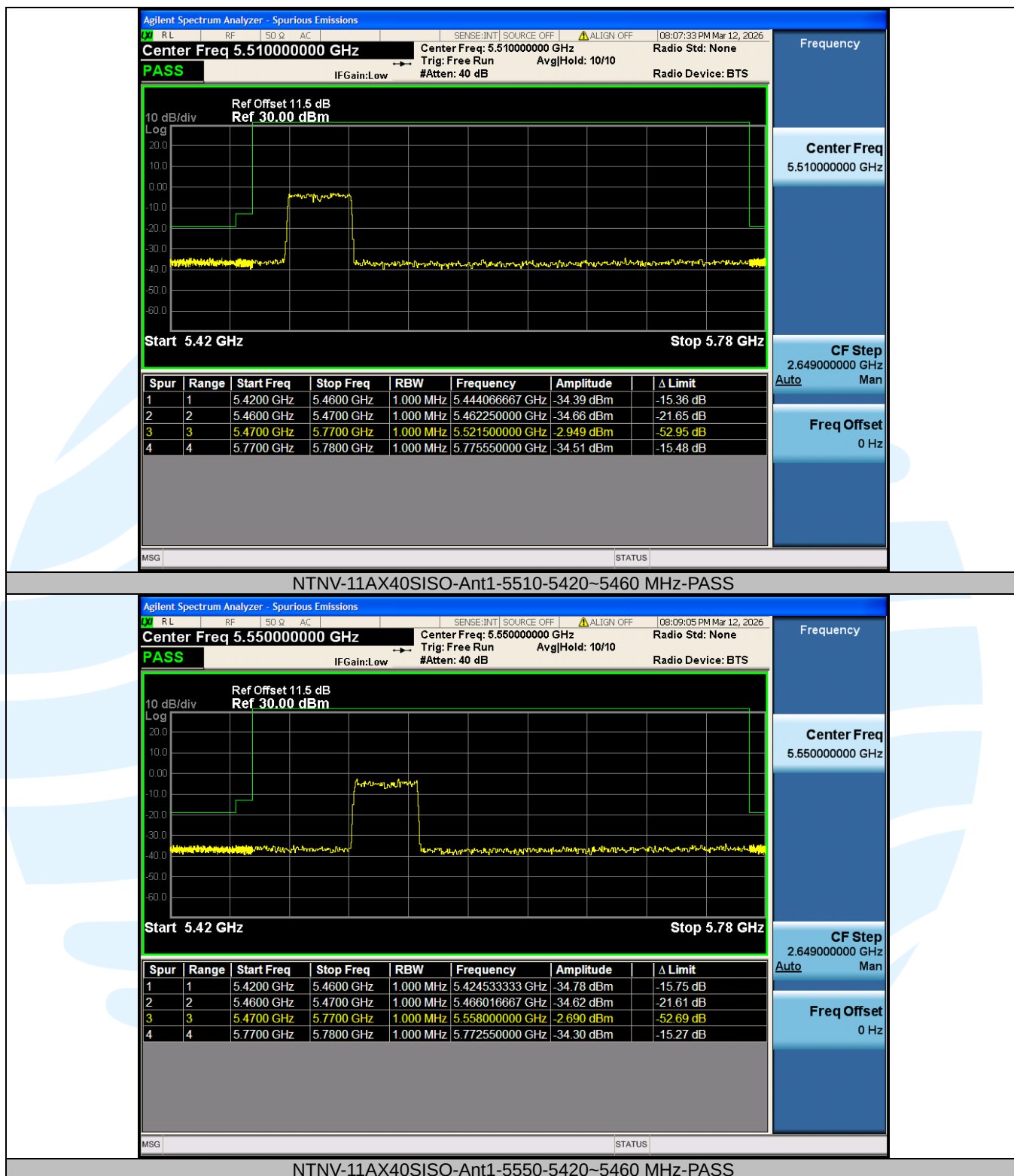


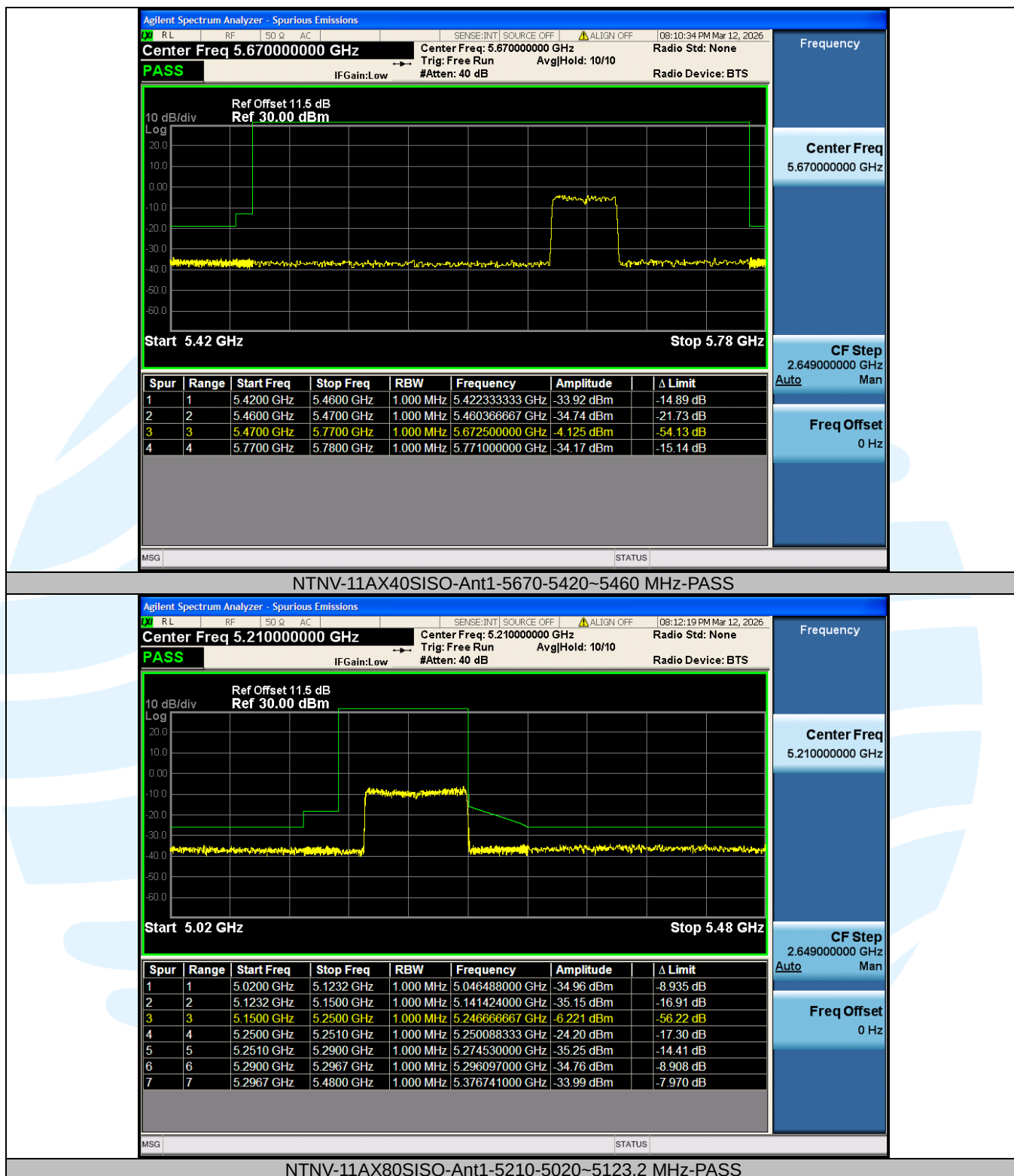


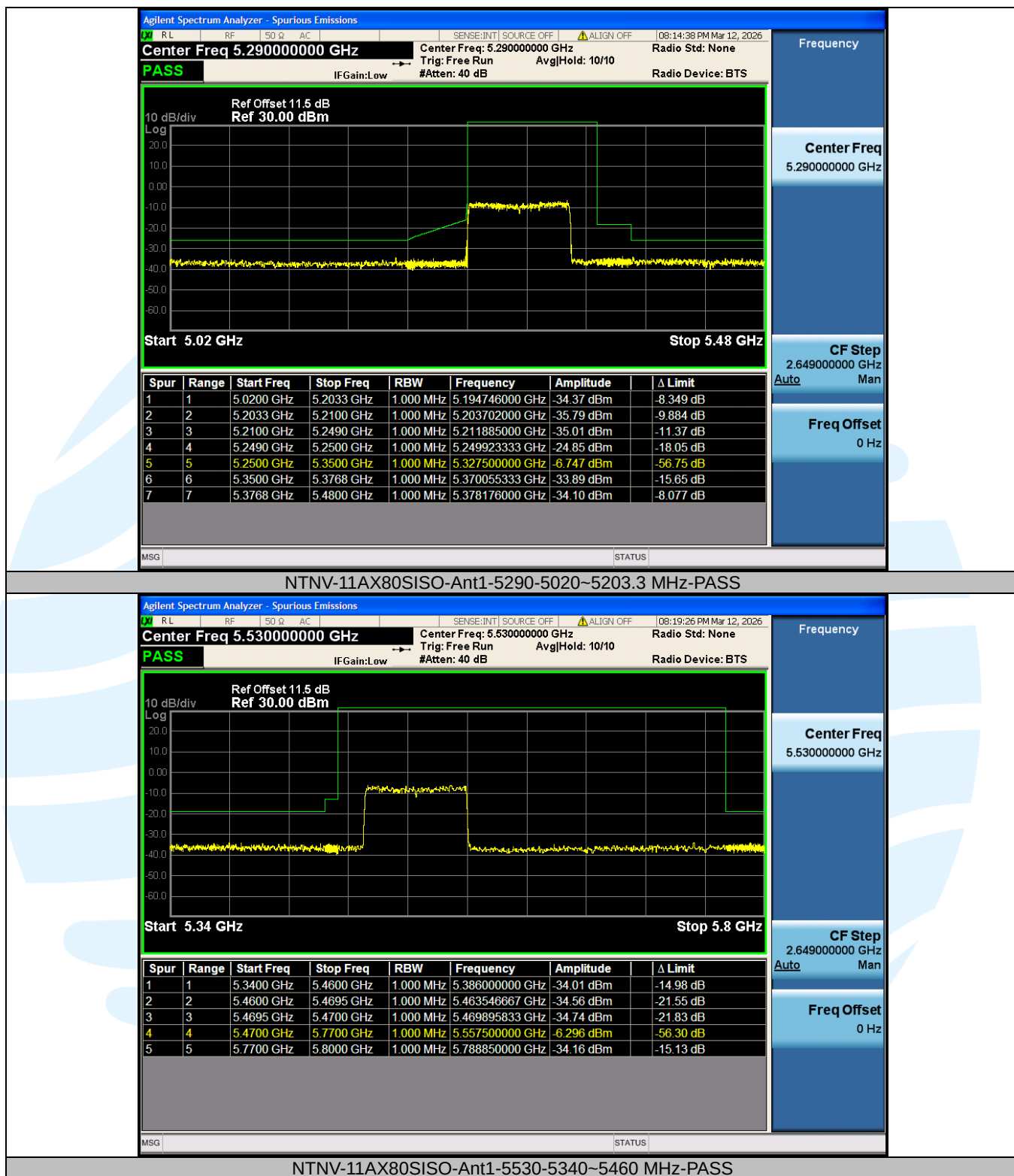


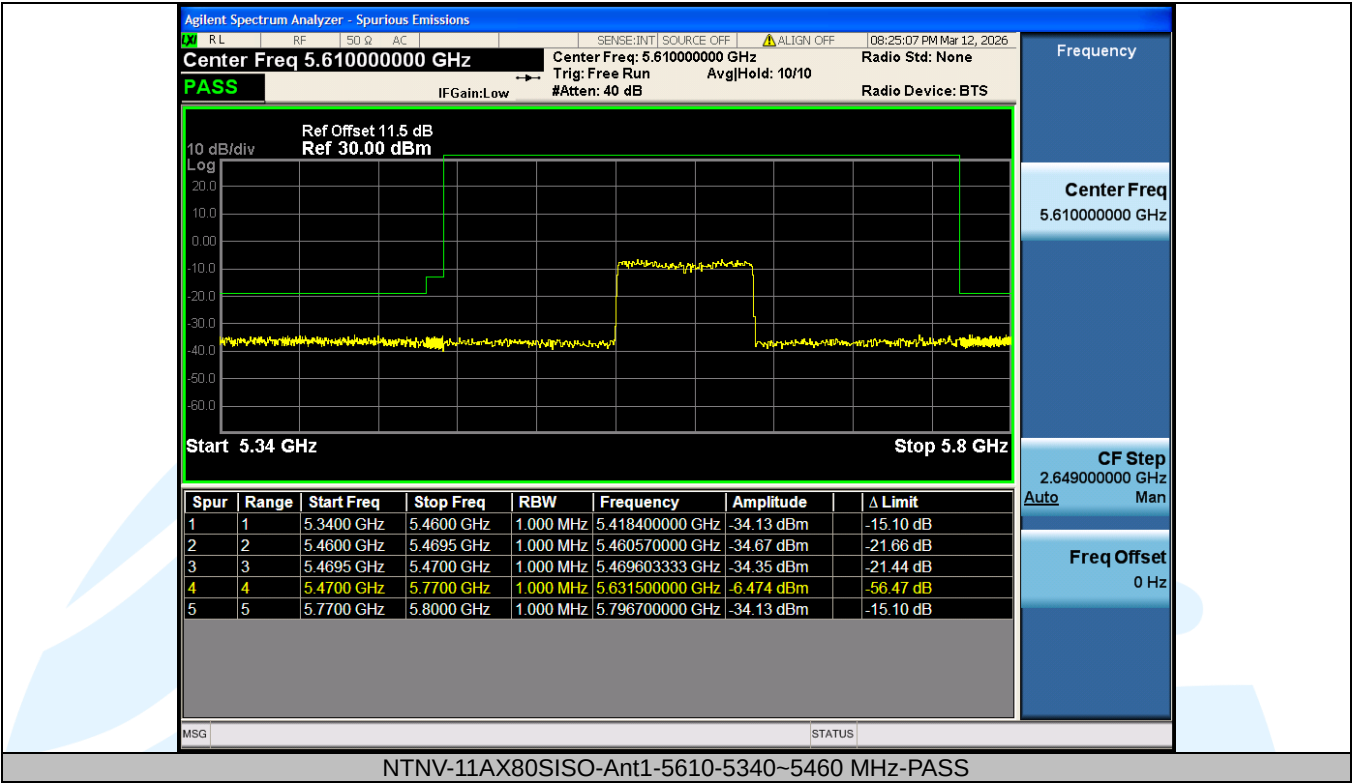












5.9 ADJACENT CHANNEL EMITTED POWER

5.9.1 Limit

Occupied Bandwidth	Frequency (MHz)	Limit (dBc)
OBW = 20MHz	Mean power 20MHz Distance of Carrier	25
	Mean power 40MHz Distance of Carrier	40
OBW = 40MHz	Mean power 40MHz Distance of Carrier	25
	Mean power 80MHz Distance of Carrier	40
OBW = 80MHz	Mean power 80MHz Distance of Carrier	25
OBW = 160MHz	N/A	N/A

5.9.2 Test Setup

Refer to section 4.5 for details.

5.9.3 Instruments Used

Refer to section 3 for details

5.9.4 Test Procedures

Table No.45 related to Article 2 Clause 1 item 19-3 of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment.

5.9.5 Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11A	Ant1	5180	-40	-54.00	≤-40	PASS
NTNV	11A	Ant1	5180	-20	-43.59	≤-25	PASS
NTNV	11A	Ant1	5180	+20	-42.64	≤-25	PASS
NTNV	11A	Ant1	5180	+40	-54.02	≤-40	PASS
NTNV	11A	Ant1	5220	-40	-53.83	≤-40	PASS
NTNV	11A	Ant1	5220	-20	-42.26	≤-25	PASS
NTNV	11A	Ant1	5220	+20	-41.86	≤-25	PASS
NTNV	11A	Ant1	5220	+40	-53.58	≤-40	PASS
NTNV	11A	Ant1	5240	-40	-53.92	≤-40	PASS
NTNV	11A	Ant1	5240	-20	-42.22	≤-25	PASS
NTNV	11A	Ant1	5240	+20	-41.87	≤-25	PASS
NTNV	11A	Ant1	5240	+40	-53.49	≤-40	PASS
NTNV	11A	Ant1	5260	-40	-54.25	≤-40	PASS
NTNV	11A	Ant1	5260	-20	-42.51	≤-25	PASS
NTNV	11A	Ant1	5260	+20	-42.31	≤-25	PASS
NTNV	11A	Ant1	5260	+40	-53.66	≤-40	PASS
NTNV	11A	Ant1	5300	-40	-54.24	≤-40	PASS
NTNV	11A	Ant1	5300	-20	-43.29	≤-25	PASS
NTNV	11A	Ant1	5300	+20	-42.99	≤-25	PASS
NTNV	11A	Ant1	5300	+40	-53.84	≤-40	PASS
NTNV	11A	Ant1	5320	-40	-53.98	≤-40	PASS
NTNV	11A	Ant1	5320	-20	-43.00	≤-25	PASS
NTNV	11A	Ant1	5320	+20	-43.38	≤-25	PASS
NTNV	11A	Ant1	5320	+40	-53.71	≤-40	PASS
NTNV	11A	Ant1	5500	-40	-53.89	≤-40	PASS
NTNV	11A	Ant1	5500	-20	-43.12	≤-25	PASS
NTNV	11A	Ant1	5500	+20	-42.00	≤-25	PASS
NTNV	11A	Ant1	5500	+40	-54.56	≤-40	PASS
NTNV	11A	Ant1	5600	-40	-53.77	≤-40	PASS
NTNV	11A	Ant1	5600	-20	-42.99	≤-25	PASS
NTNV	11A	Ant1	5600	+20	-41.84	≤-25	PASS
NTNV	11A	Ant1	5600	+40	-54.11	≤-40	PASS
NTNV	11A	Ant1	5700	-40	-53.78	≤-40	PASS
NTNV	11A	Ant1	5700	-20	-43.15	≤-25	PASS

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Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11A	Ant1	5700	+20	-42.33	≤-25	PASS
NTNV	11A	Ant1	5700	+40	-54.12	≤-40	PASS
NTNV	11N20SISO	Ant1	5180	-40	-53.58	≤-40	PASS
NTNV	11N20SISO	Ant1	5180	-20	-41.82	≤-25	PASS
NTNV	11N20SISO	Ant1	5180	+20	-42.66	≤-25	PASS
NTNV	11N20SISO	Ant1	5180	+40	-53.42	≤-40	PASS
NTNV	11N20SISO	Ant1	5220	-40	-53.41	≤-40	PASS
NTNV	11N20SISO	Ant1	5220	-20	-42.13	≤-25	PASS
NTNV	11N20SISO	Ant1	5220	+20	-41.43	≤-25	PASS
NTNV	11N20SISO	Ant1	5220	+40	-53.13	≤-40	PASS
NTNV	11N20SISO	Ant1	5240	-40	-52.85	≤-40	PASS
NTNV	11N20SISO	Ant1	5240	-20	-33.14	≤-25	PASS
NTNV	11N20SISO	Ant1	5240	+20	-32.88	≤-25	PASS
NTNV	11N20SISO	Ant1	5240	+40	-52.43	≤-40	PASS
NTNV	11N20SISO	Ant1	5260	-40	-53.69	≤-40	PASS
NTNV	11N20SISO	Ant1	5260	-20	-41.73	≤-25	PASS
NTNV	11N20SISO	Ant1	5260	+20	-41.85	≤-25	PASS
NTNV	11N20SISO	Ant1	5260	+40	-53.06	≤-40	PASS
NTNV	11N20SISO	Ant1	5300	-40	-53.85	≤-40	PASS
NTNV	11N20SISO	Ant1	5300	-20	-41.41	≤-25	PASS
NTNV	11N20SISO	Ant1	5300	+20	-41.04	≤-25	PASS
NTNV	11N20SISO	Ant1	5300	+40	-53.89	≤-40	PASS
NTNV	11N20SISO	Ant1	5320	-40	-53.06	≤-40	PASS
NTNV	11N20SISO	Ant1	5320	-20	-33.12	≤-25	PASS
NTNV	11N20SISO	Ant1	5320	+20	-32.79	≤-25	PASS
NTNV	11N20SISO	Ant1	5320	+40	-52.61	≤-40	PASS
NTNV	11N20SISO	Ant1	5500	-40	-53.18	≤-40	PASS
NTNV	11N20SISO	Ant1	5500	-20	-42.07	≤-25	PASS
NTNV	11N20SISO	Ant1	5500	+20	-42.13	≤-25	PASS
NTNV	11N20SISO	Ant1	5500	+40	-54.13	≤-40	PASS
NTNV	11N20SISO	Ant1	5600	-40	-52.89	≤-40	PASS
NTNV	11N20SISO	Ant1	5600	-20	-42.21	≤-25	PASS
NTNV	11N20SISO	Ant1	5600	+20	-42.29	≤-25	PASS
NTNV	11N20SISO	Ant1	5600	+40	-53.65	≤-40	PASS
NTNV	11N20SISO	Ant1	5700	-40	-53.15	≤-40	PASS
NTNV	11N20SISO	Ant1	5700	-20	-40.69	≤-25	PASS
NTNV	11N20SISO	Ant1	5700	+20	-41.48	≤-25	PASS
NTNV	11N20SISO	Ant1	5700	+40	-53.12	≤-40	PASS
NTNV	11N40SISO	Ant1	5190	-80	-50.09	≤-40	PASS
NTNV	11N40SISO	Ant1	5190	-40	-42.16	≤-25	PASS
NTNV	11N40SISO	Ant1	5190	+40	-40.13	≤-25	PASS
NTNV	11N40SISO	Ant1	5190	+80	-49.72	≤-40	PASS
NTNV	11N40SISO	Ant1	5230	-80	-50.56	≤-40	PASS
NTNV	11N40SISO	Ant1	5230	-40	-42.85	≤-25	PASS
NTNV	11N40SISO	Ant1	5230	+40	-41.24	≤-25	PASS
NTNV	11N40SISO	Ant1	5230	+80	-50.11	≤-40	PASS
NTNV	11N40SISO	Ant1	5270	-80	-51.25	≤-40	PASS
NTNV	11N40SISO	Ant1	5270	-40	-43.61	≤-25	PASS
NTNV	11N40SISO	Ant1	5270	+40	-40.79	≤-25	PASS
NTNV	11N40SISO	Ant1	5270	+80	-50.17	≤-40	PASS
NTNV	11N40SISO	Ant1	5310	-80	-51.24	≤-40	PASS
NTNV	11N40SISO	Ant1	5310	-40	-42.48	≤-25	PASS
NTNV	11N40SISO	Ant1	5310	+40	-40.20	≤-25	PASS
NTNV	11N40SISO	Ant1	5310	+80	-50.63	≤-40	PASS
NTNV	11N40SISO	Ant1	5510	-80	-50.25	≤-40	PASS
NTNV	11N40SISO	Ant1	5510	-40	-41.90	≤-25	PASS
NTNV	11N40SISO	Ant1	5510	+40	-42.08	≤-25	PASS
NTNV	11N40SISO	Ant1	5510	+80	-51.94	≤-40	PASS
NTNV	11N40SISO	Ant1	5550	-80	-49.76	≤-40	PASS
NTNV	11N40SISO	Ant1	5550	-40	-42.53	≤-25	PASS
NTNV	11N40SISO	Ant1	5550	+40	-41.46	≤-25	PASS

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Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11N40SISO	Ant1	5550	+80	-51.06	≤-40	PASS
NTNV	11N40SISO	Ant1	5670	-80	-50.43	≤-40	PASS
NTNV	11N40SISO	Ant1	5670	-40	-43.00	≤-25	PASS
NTNV	11N40SISO	Ant1	5670	+40	-42.45	≤-25	PASS
NTNV	11N40SISO	Ant1	5670	+80	-49.87	≤-40	PASS
NTNV	11AC20SISO	Ant1	5180	-40	-52.97	≤-40	PASS
NTNV	11AC20SISO	Ant1	5180	-20	-41.72	≤-25	PASS
NTNV	11AC20SISO	Ant1	5180	+20	-41.18	≤-25	PASS
NTNV	11AC20SISO	Ant1	5180	+40	-52.78	≤-40	PASS
NTNV	11AC20SISO	Ant1	5220	-40	-52.22	≤-40	PASS
NTNV	11AC20SISO	Ant1	5220	-20	-32.75	≤-25	PASS
NTNV	11AC20SISO	Ant1	5220	+20	-32.58	≤-25	PASS
NTNV	11AC20SISO	Ant1	5220	+40	-51.90	≤-40	PASS
NTNV	11AC20SISO	Ant1	5240	-40	-52.19	≤-40	PASS
NTNV	11AC20SISO	Ant1	5240	-20	-33.38	≤-25	PASS
NTNV	11AC20SISO	Ant1	5240	+20	-33.08	≤-25	PASS
NTNV	11AC20SISO	Ant1	5240	+40	-51.94	≤-40	PASS
NTNV	11AC20SISO	Ant1	5260	-40	-53.44	≤-40	PASS
NTNV	11AC20SISO	Ant1	5260	-20	-42.22	≤-25	PASS
NTNV	11AC20SISO	Ant1	5260	+20	-41.30	≤-25	PASS
NTNV	11AC20SISO	Ant1	5260	+40	-53.01	≤-40	PASS
NTNV	11AC20SISO	Ant1	5300	-40	-53.36	≤-40	PASS
NTNV	11AC20SISO	Ant1	5300	-20	-41.66	≤-25	PASS
NTNV	11AC20SISO	Ant1	5300	+20	-41.33	≤-25	PASS
NTNV	11AC20SISO	Ant1	5300	+40	-53.09	≤-40	PASS
NTNV	11AC20SISO	Ant1	5320	-40	-52.93	≤-40	PASS
NTNV	11AC20SISO	Ant1	5320	-20	-33.24	≤-25	PASS
NTNV	11AC20SISO	Ant1	5320	+20	-31.95	≤-25	PASS
NTNV	11AC20SISO	Ant1	5320	+40	-52.44	≤-40	PASS
NTNV	11AC20SISO	Ant1	5500	-40	-52.28	≤-40	PASS
NTNV	11AC20SISO	Ant1	5500	-20	-41.64	≤-25	PASS
NTNV	11AC20SISO	Ant1	5500	+20	-40.87	≤-25	PASS
NTNV	11AC20SISO	Ant1	5500	+40	-53.04	≤-40	PASS
NTNV	11AC20SISO	Ant1	5600	-40	-52.21	≤-40	PASS
NTNV	11AC20SISO	Ant1	5600	-20	-32.50	≤-25	PASS
NTNV	11AC20SISO	Ant1	5600	+20	-32.62	≤-25	PASS
NTNV	11AC20SISO	Ant1	5600	+40	-52.39	≤-40	PASS
NTNV	11AC20SISO	Ant1	5700	-40	-52.73	≤-40	PASS
NTNV	11AC20SISO	Ant1	5700	-20	-42.40	≤-25	PASS
NTNV	11AC20SISO	Ant1	5700	+20	-41.32	≤-25	PASS
NTNV	11AC20SISO	Ant1	5700	+40	-52.50	≤-40	PASS
NTNV	11AC40SISO	Ant1	5190	-80	-49.23	≤-40	PASS
NTNV	11AC40SISO	Ant1	5190	-40	-43.04	≤-25	PASS
NTNV	11AC40SISO	Ant1	5190	+40	-42.27	≤-25	PASS
NTNV	11AC40SISO	Ant1	5190	+80	-48.75	≤-40	PASS
NTNV	11AC40SISO	Ant1	5230	-80	-49.46	≤-40	PASS
NTNV	11AC40SISO	Ant1	5230	-40	-42.81	≤-25	PASS
NTNV	11AC40SISO	Ant1	5230	+40	-41.68	≤-25	PASS
NTNV	11AC40SISO	Ant1	5230	+80	-48.87	≤-40	PASS
NTNV	11AC40SISO	Ant1	5270	-80	-50.26	≤-40	PASS
NTNV	11AC40SISO	Ant1	5270	-40	-42.75	≤-25	PASS
NTNV	11AC40SISO	Ant1	5270	+40	-38.28	≤-25	PASS
NTNV	11AC40SISO	Ant1	5270	+80	-49.27	≤-40	PASS
NTNV	11AC40SISO	Ant1	5310	-80	-50.40	≤-40	PASS
NTNV	11AC40SISO	Ant1	5310	-40	-42.72	≤-25	PASS
NTNV	11AC40SISO	Ant1	5310	+40	-41.66	≤-25	PASS
NTNV	11AC40SISO	Ant1	5310	+80	-49.61	≤-40	PASS
NTNV	11AC40SISO	Ant1	5510	-80	-49.76	≤-40	PASS
NTNV	11AC40SISO	Ant1	5510	-40	-42.52	≤-25	PASS
NTNV	11AC40SISO	Ant1	5510	+40	-41.48	≤-25	PASS
NTNV	11AC40SISO	Ant1	5510	+80	-51.06	≤-40	PASS

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Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11AC40SISO	Ant1	5550	-80	-49.14	≤-40	PASS
NTNV	11AC40SISO	Ant1	5550	-40	-41.72	≤-25	PASS
NTNV	11AC40SISO	Ant1	5550	+40	-42.36	≤-25	PASS
NTNV	11AC40SISO	Ant1	5550	+80	-50.29	≤-40	PASS
NTNV	11AC40SISO	Ant1	5670	-80	-49.63	≤-40	PASS
NTNV	11AC40SISO	Ant1	5670	-40	-42.79	≤-25	PASS
NTNV	11AC40SISO	Ant1	5670	+40	-41.89	≤-25	PASS
NTNV	11AC40SISO	Ant1	5670	+80	-49.11	≤-40	PASS
NTNV	11AC80SISO	Ant1	5210	-80	-41.05	≤-25	PASS
NTNV	11AC80SISO	Ant1	5210	+80	-40.67	≤-25	PASS
NTNV	11AC80SISO	Ant1	5290	-80	-43.01	≤-25	PASS
NTNV	11AC80SISO	Ant1	5290	+80	-41.58	≤-25	PASS
NTNV	11AC80SISO	Ant1	5530	-80	-40.67	≤-25	PASS
NTNV	11AC80SISO	Ant1	5530	+80	-43.10	≤-25	PASS
NTNV	11AC80SISO	Ant1	5610	-80	-43.00	≤-25	PASS
NTNV	11AC80SISO	Ant1	5610	+80	-43.26	≤-25	PASS
NTNV	11AX20SISO	Ant1	5180	-40	-52.18	≤-40	PASS
NTNV	11AX20SISO	Ant1	5180	-20	-29.47	≤-25	PASS
NTNV	11AX20SISO	Ant1	5180	+20	-30.93	≤-25	PASS
NTNV	11AX20SISO	Ant1	5180	+40	-51.73	≤-40	PASS
NTNV	11AX20SISO	Ant1	5220	-40	-52.41	≤-40	PASS
NTNV	11AX20SISO	Ant1	5220	-20	-29.70	≤-25	PASS
NTNV	11AX20SISO	Ant1	5220	+20	-29.17	≤-25	PASS
NTNV	11AX20SISO	Ant1	5220	+40	-51.82	≤-40	PASS
NTNV	11AX20SISO	Ant1	5240	-40	-52.65	≤-40	PASS
NTNV	11AX20SISO	Ant1	5240	-20	-30.69	≤-25	PASS
NTNV	11AX20SISO	Ant1	5240	+20	-29.88	≤-25	PASS
NTNV	11AX20SISO	Ant1	5240	+40	-51.72	≤-40	PASS
NTNV	11AX20SISO	Ant1	5260	-40	-52.59	≤-40	PASS
NTNV	11AX20SISO	Ant1	5260	-20	-29.14	≤-25	PASS
NTNV	11AX20SISO	Ant1	5260	+20	-30.18	≤-25	PASS
NTNV	11AX20SISO	Ant1	5260	+40	-51.64	≤-40	PASS
NTNV	11AX20SISO	Ant1	5300	-40	-52.66	≤-40	PASS
NTNV	11AX20SISO	Ant1	5300	-20	-29.58	≤-25	PASS
NTNV	11AX20SISO	Ant1	5300	+20	-30.23	≤-25	PASS
NTNV	11AX20SISO	Ant1	5300	+40	-52.42	≤-40	PASS
NTNV	11AX20SISO	Ant1	5320	-40	-52.45	≤-40	PASS
NTNV	11AX20SISO	Ant1	5320	-20	-30.26	≤-25	PASS
NTNV	11AX20SISO	Ant1	5320	+20	-30.18	≤-25	PASS
NTNV	11AX20SISO	Ant1	5320	+40	-51.96	≤-40	PASS
NTNV	11AX20SISO	Ant1	5500	-40	-52.02	≤-40	PASS
NTNV	11AX20SISO	Ant1	5500	-20	-30.98	≤-25	PASS
NTNV	11AX20SISO	Ant1	5500	+20	-30.99	≤-25	PASS
NTNV	11AX20SISO	Ant1	5500	+40	-52.47	≤-40	PASS
NTNV	11AX20SISO	Ant1	5600	-40	-52.62	≤-40	PASS
NTNV	11AX20SISO	Ant1	5600	-20	-30.97	≤-25	PASS
NTNV	11AX20SISO	Ant1	5600	+20	-30.13	≤-25	PASS
NTNV	11AX20SISO	Ant1	5600	+40	-52.84	≤-40	PASS
NTNV	11AX20SISO	Ant1	5700	-40	-51.88	≤-40	PASS
NTNV	11AX20SISO	Ant1	5700	-20	-30.70	≤-25	PASS
NTNV	11AX20SISO	Ant1	5700	+20	-30.32	≤-25	PASS
NTNV	11AX20SISO	Ant1	5700	+40	-51.72	≤-40	PASS
NTNV	11AX40SISO	Ant1	5190	-80	-49.26	≤-40	PASS
NTNV	11AX40SISO	Ant1	5190	-40	-40.13	≤-25	PASS
NTNV	11AX40SISO	Ant1	5190	+40	-39.81	≤-25	PASS
NTNV	11AX40SISO	Ant1	5190	+80	-48.89	≤-40	PASS
NTNV	11AX40SISO	Ant1	5230	-80	-50.04	≤-40	PASS
NTNV	11AX40SISO	Ant1	5230	-40	-39.49	≤-25	PASS
NTNV	11AX40SISO	Ant1	5230	+40	-39.54	≤-25	PASS
NTNV	11AX40SISO	Ant1	5230	+80	-49.20	≤-40	PASS
NTNV	11AX40SISO	Ant1	5270	-80	-50.35	≤-40	PASS

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Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11AX40SISO	Ant1	5270	-40	-40.80	≤-25	PASS
NTNV	11AX40SISO	Ant1	5270	+40	-39.50	≤-25	PASS
NTNV	11AX40SISO	Ant1	5270	+80	-49.24	≤-40	PASS
NTNV	11AX40SISO	Ant1	5310	-80	-50.42	≤-40	PASS
NTNV	11AX40SISO	Ant1	5310	-40	-39.31	≤-25	PASS
NTNV	11AX40SISO	Ant1	5310	+40	-38.22	≤-25	PASS
NTNV	11AX40SISO	Ant1	5310	+80	-49.50	≤-40	PASS
NTNV	11AX40SISO	Ant1	5510	-80	-49.52	≤-40	PASS
NTNV	11AX40SISO	Ant1	5510	-40	-39.00	≤-25	PASS
NTNV	11AX40SISO	Ant1	5510	+40	-40.20	≤-25	PASS
NTNV	11AX40SISO	Ant1	5510	+80	-50.90	≤-40	PASS
NTNV	11AX40SISO	Ant1	5550	-80	-49.44	≤-40	PASS
NTNV	11AX40SISO	Ant1	5550	-40	-39.69	≤-25	PASS
NTNV	11AX40SISO	Ant1	5550	+40	-39.96	≤-25	PASS
NTNV	11AX40SISO	Ant1	5550	+80	-50.46	≤-40	PASS
NTNV	11AX40SISO	Ant1	5670	-80	-49.65	≤-40	PASS
NTNV	11AX40SISO	Ant1	5670	-40	-38.86	≤-25	PASS
NTNV	11AX40SISO	Ant1	5670	+40	-40.03	≤-25	PASS
NTNV	11AX40SISO	Ant1	5670	+80	-49.15	≤-40	PASS
NTNV	11AX80SISO	Ant1	5210	-80	-38.10	≤-25	PASS
NTNV	11AX80SISO	Ant1	5210	+80	-37.40	≤-25	PASS
NTNV	11AX80SISO	Ant1	5290	-80	-38.81	≤-25	PASS
NTNV	11AX80SISO	Ant1	5290	+80	-37.45	≤-25	PASS
NTNV	11AX80SISO	Ant1	5530	-80	-39.83	≤-25	PASS
NTNV	11AX80SISO	Ant1	5530	+80	-38.64	≤-25	PASS
NTNV	11AX80SISO	Ant1	5610	-80	-38.57	≤-25	PASS
NTNV	11AX80SISO	Ant1	5610	+80	-38.47	≤-25	PASS

