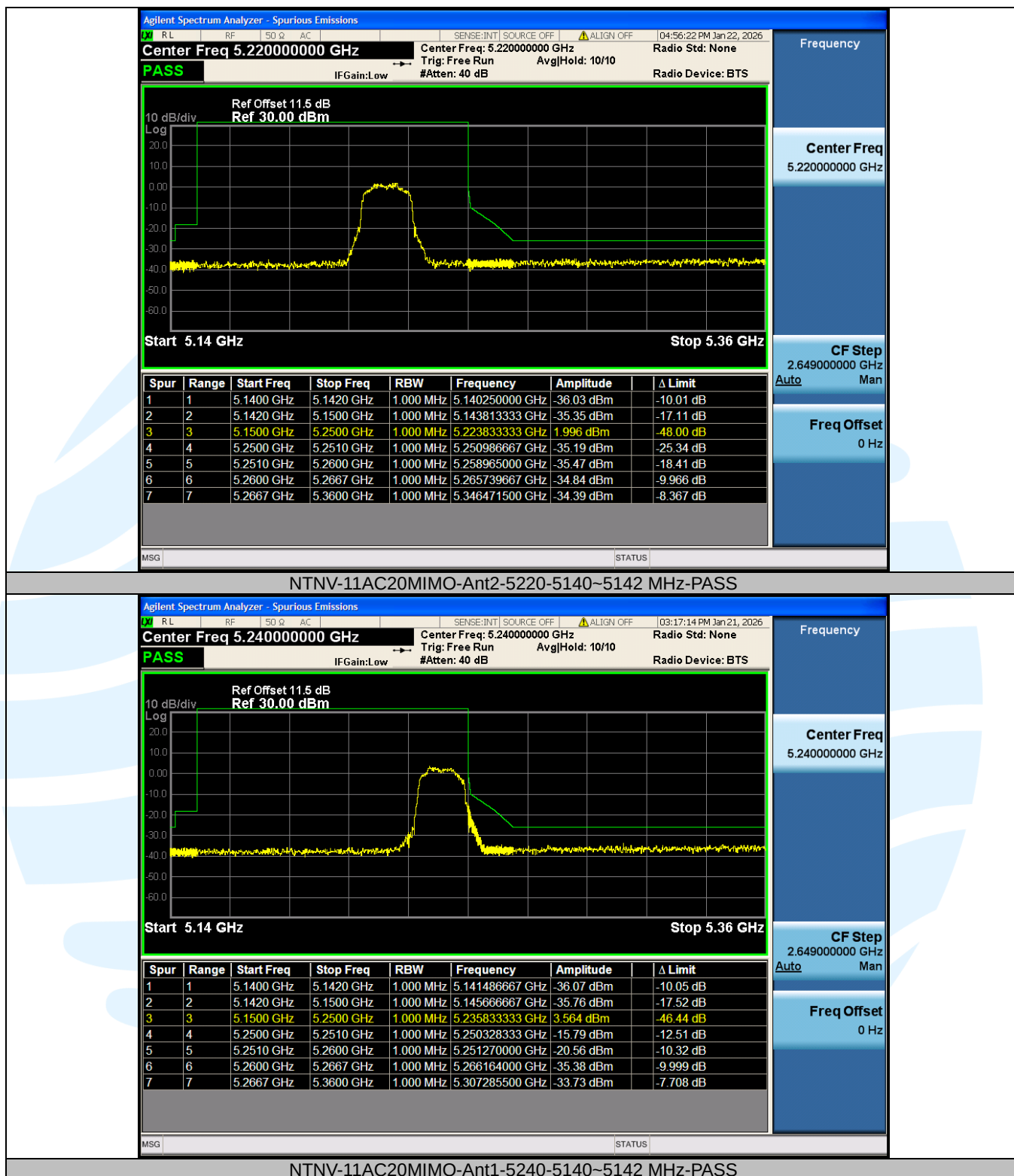
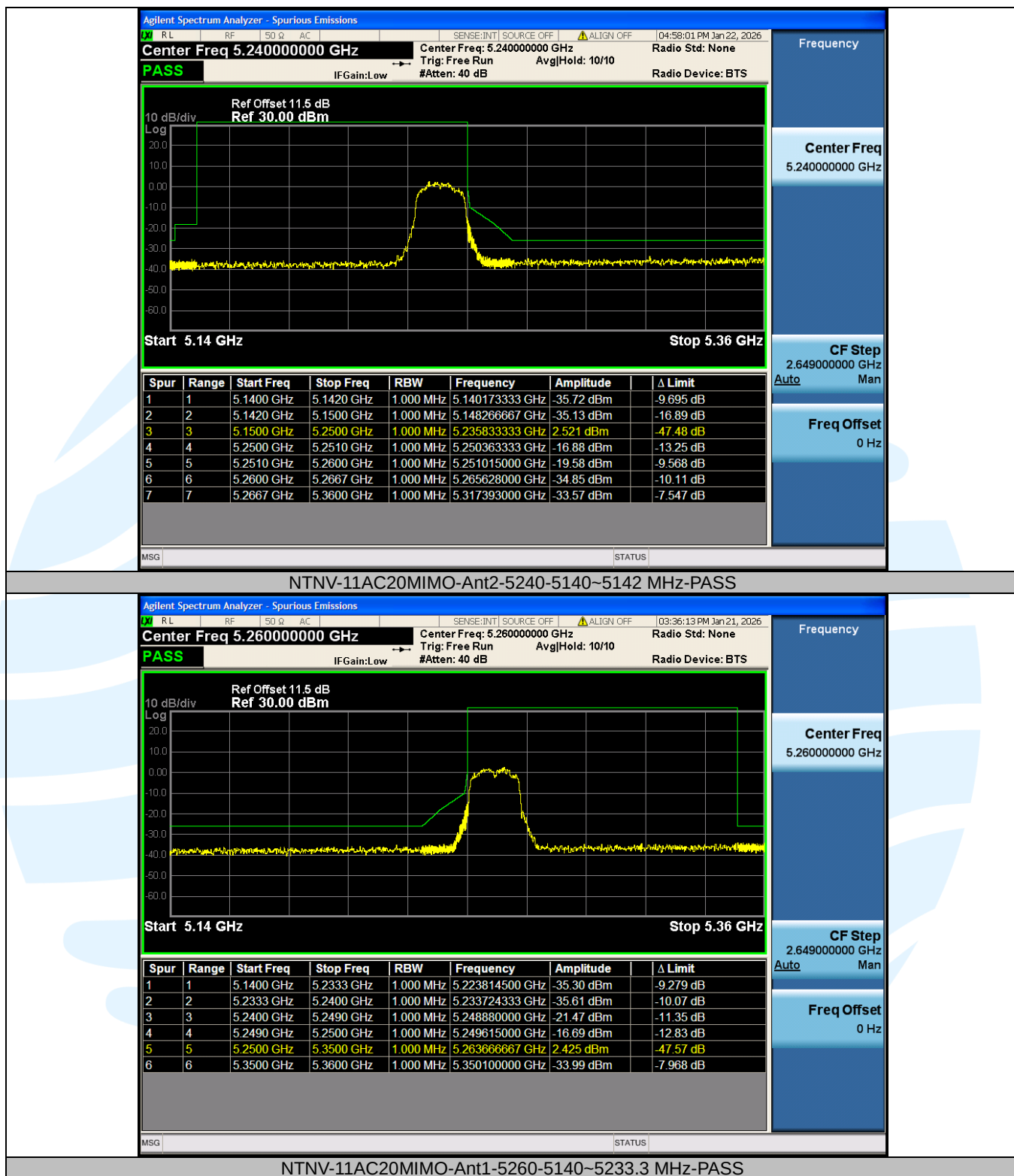
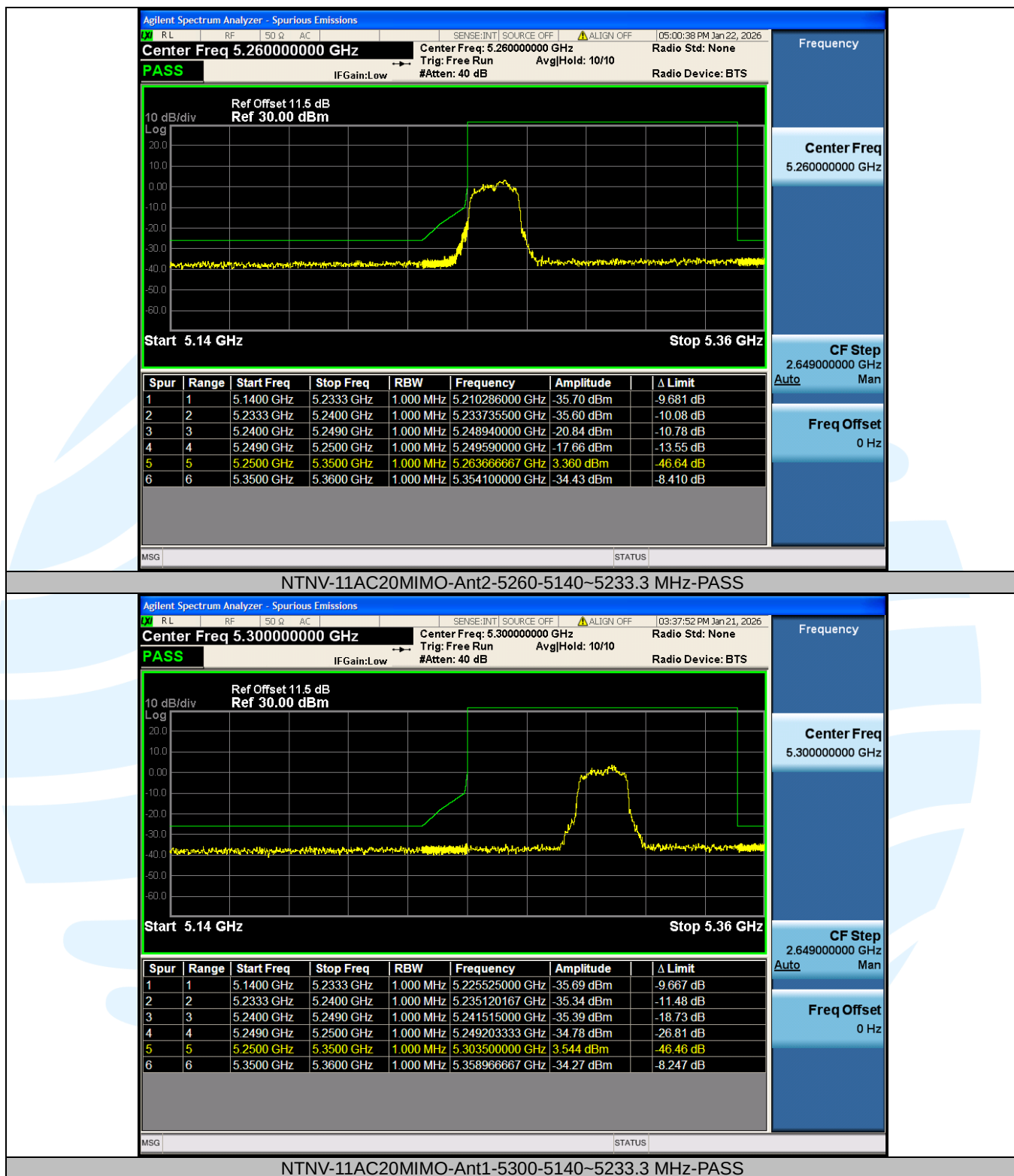








NTNV-11AC20MIMO-Ant2-5260-5140~5233.3 MHz-PASS

Agilent Spectrum Analyzer - Spurious Emissions

RL RF 50 Ω AC SENSE:INT SOURCE OFF ALIGN OFF 03:37:52 PM Jan 21, 2026

Center Freq 5.300000000 GHz Center Freq: 5.300000000 GHz Radio Std: None

PASS IF Gain: Low Trig: Free Run #Atten: 40 dB Avg/Hold: 10/10 Radio Device: BTS

Ref Offset 11.5 dB Ref 30.00 dBm

10 dB/div Log

Start 5.14 GHz Stop 5.36 GHz

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.1400 GHz	5.2333 GHz	1.000 MHz	5.225525000 GHz	-35.69 dBm	-9.667 dB
2	2	5.2333 GHz	5.2400 GHz	1.000 MHz	5.235120167 GHz	-35.34 dBm	-11.48 dB
3	3	5.2400 GHz	5.2490 GHz	1.000 MHz	5.241515000 GHz	-35.39 dBm	-18.73 dB
4	4	5.2490 GHz	5.2500 GHz	1.000 MHz	5.249203333 GHz	-34.78 dBm	-26.81 dB
5	5	5.2500 GHz	5.3500 GHz	1.000 MHz	5.303500000 GHz	3.544 dBm	-46.46 dB
6	6	5.3500 GHz	5.3600 GHz	1.000 MHz	5.358966667 GHz	-34.27 dBm	-8.247 dB

MSG STATUS

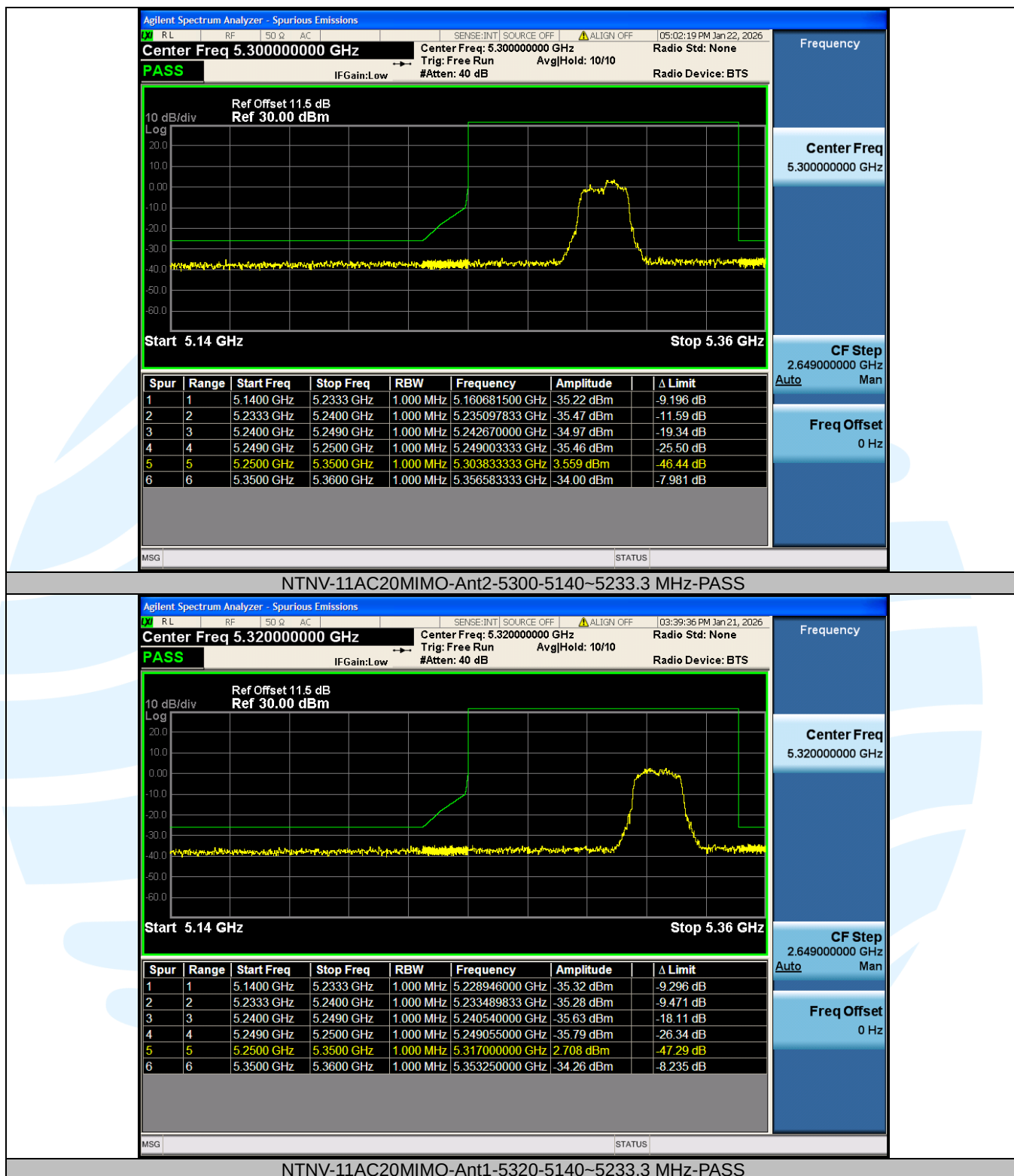
Frequency

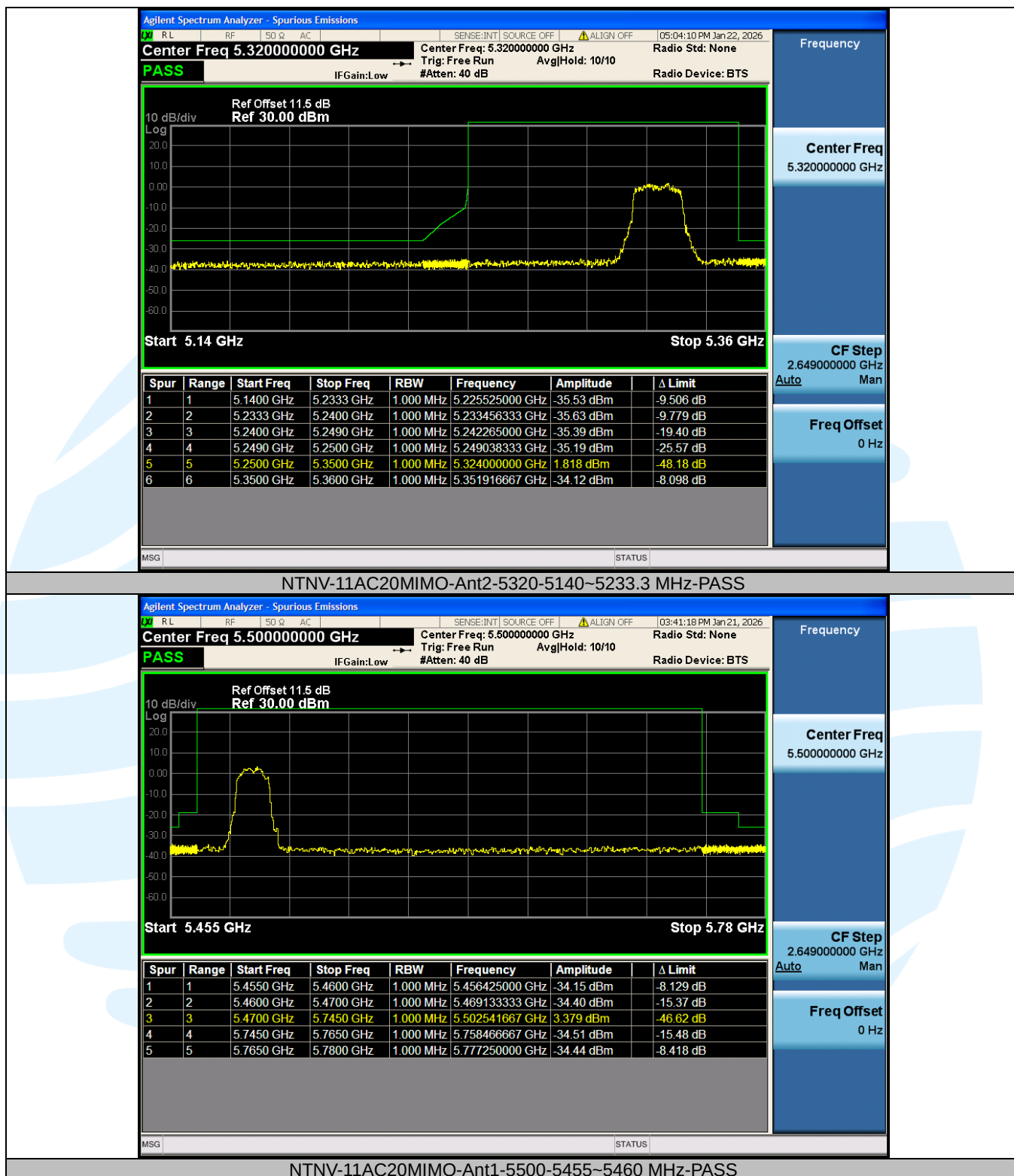
Center Freq
5.300000000 GHz

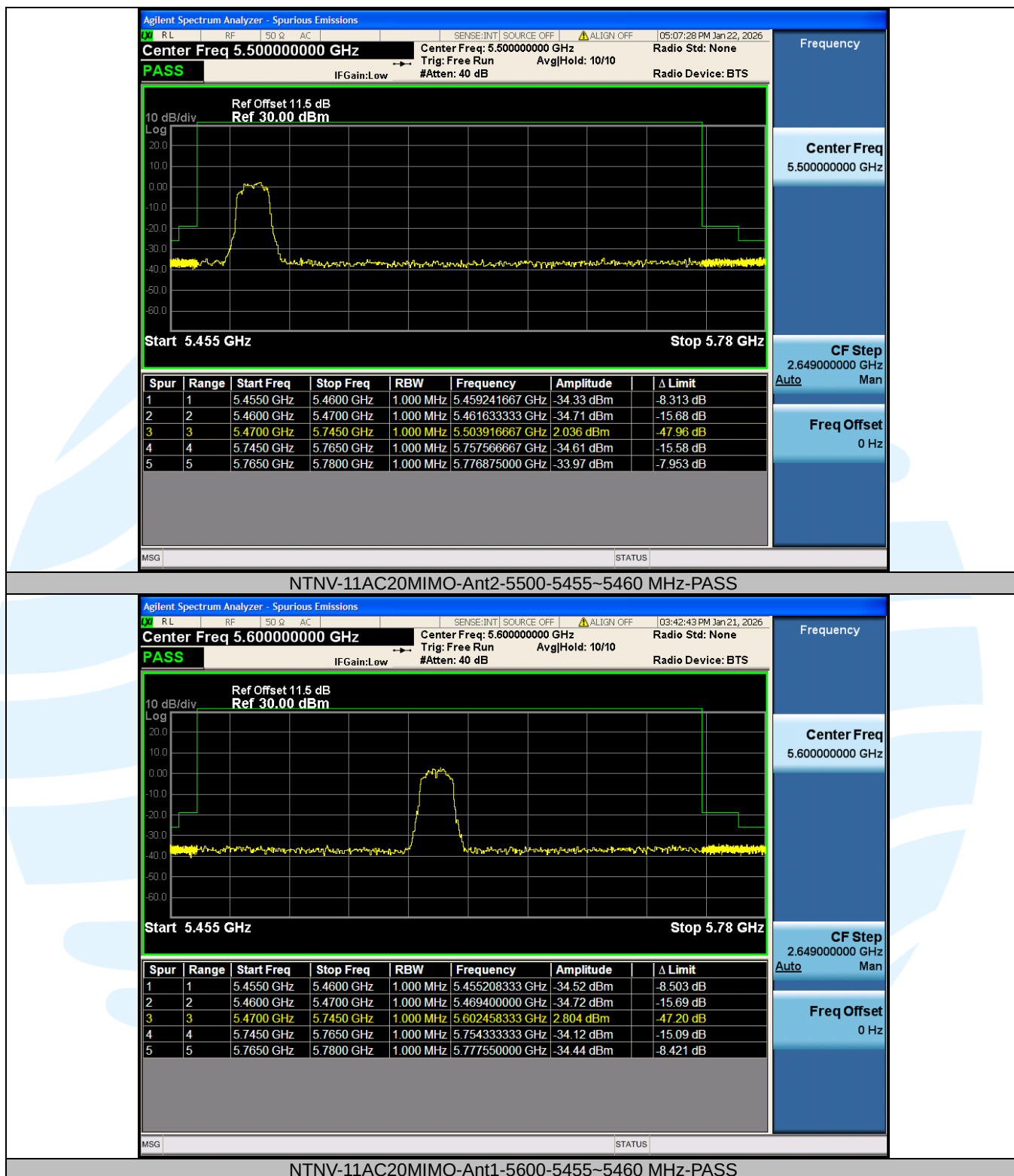
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Auto Man

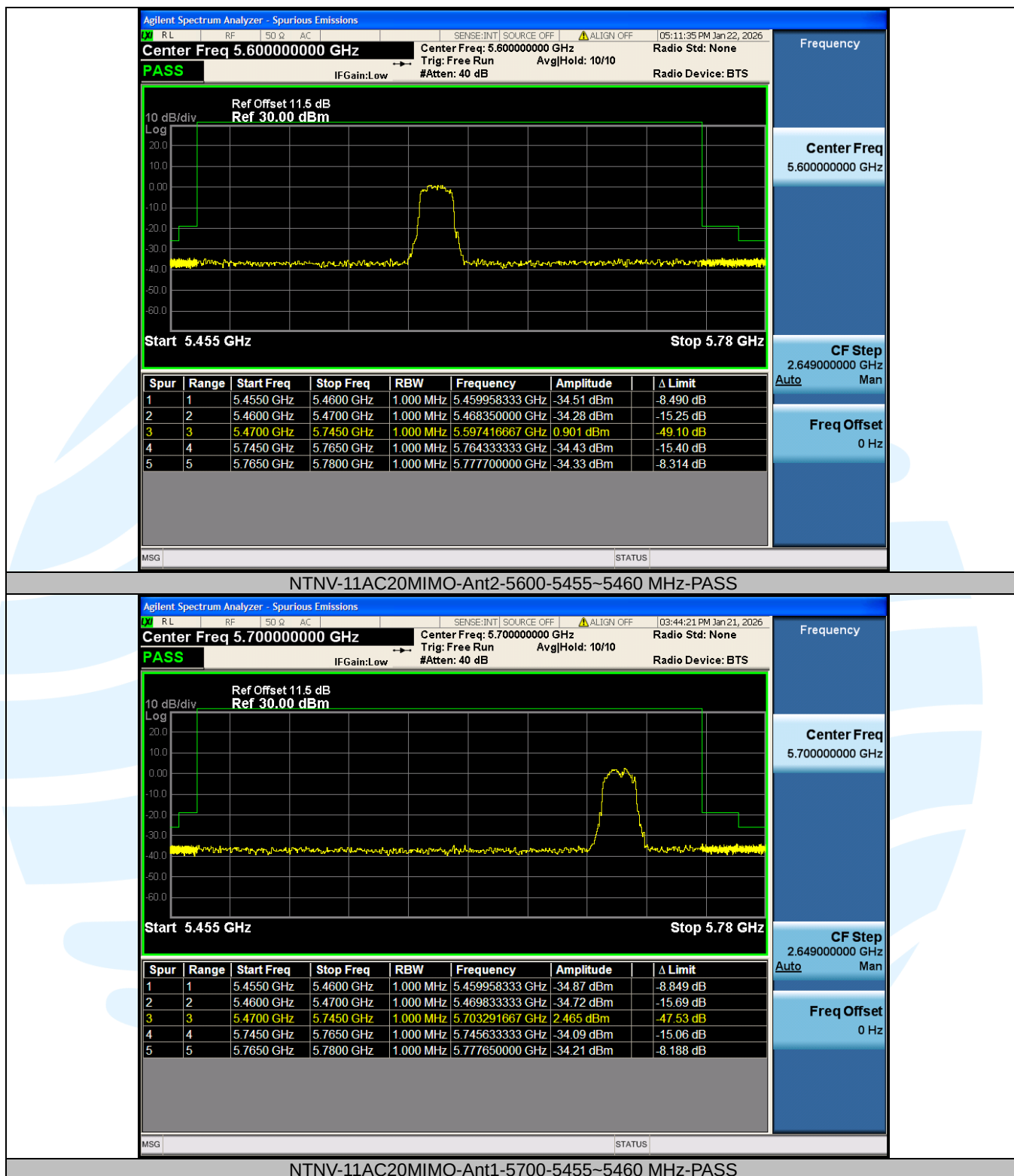
Freq Offset
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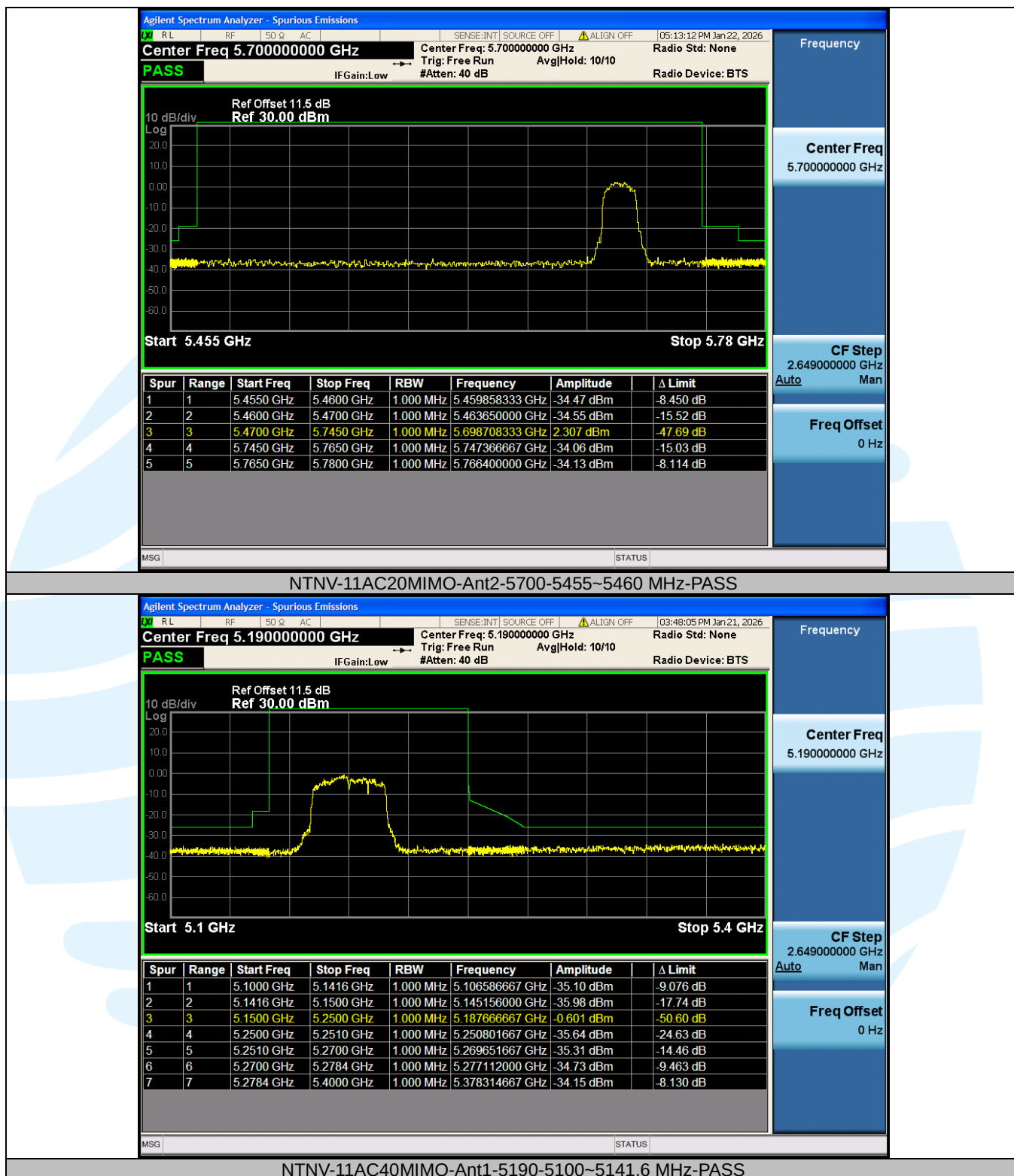
NTNV-11AC20MIMO-Ant1-5300-5140~5233.3 MHz-PASS

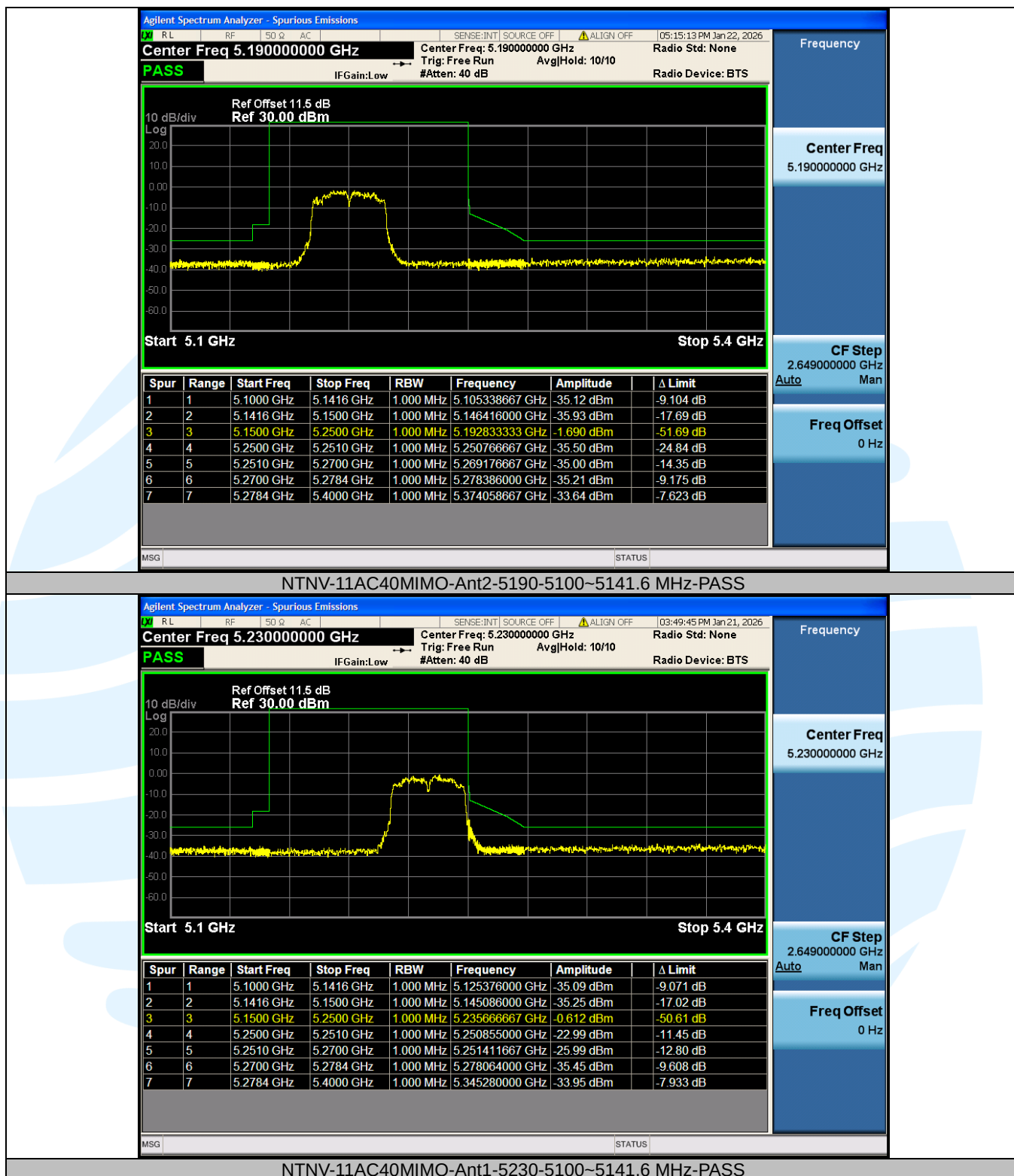


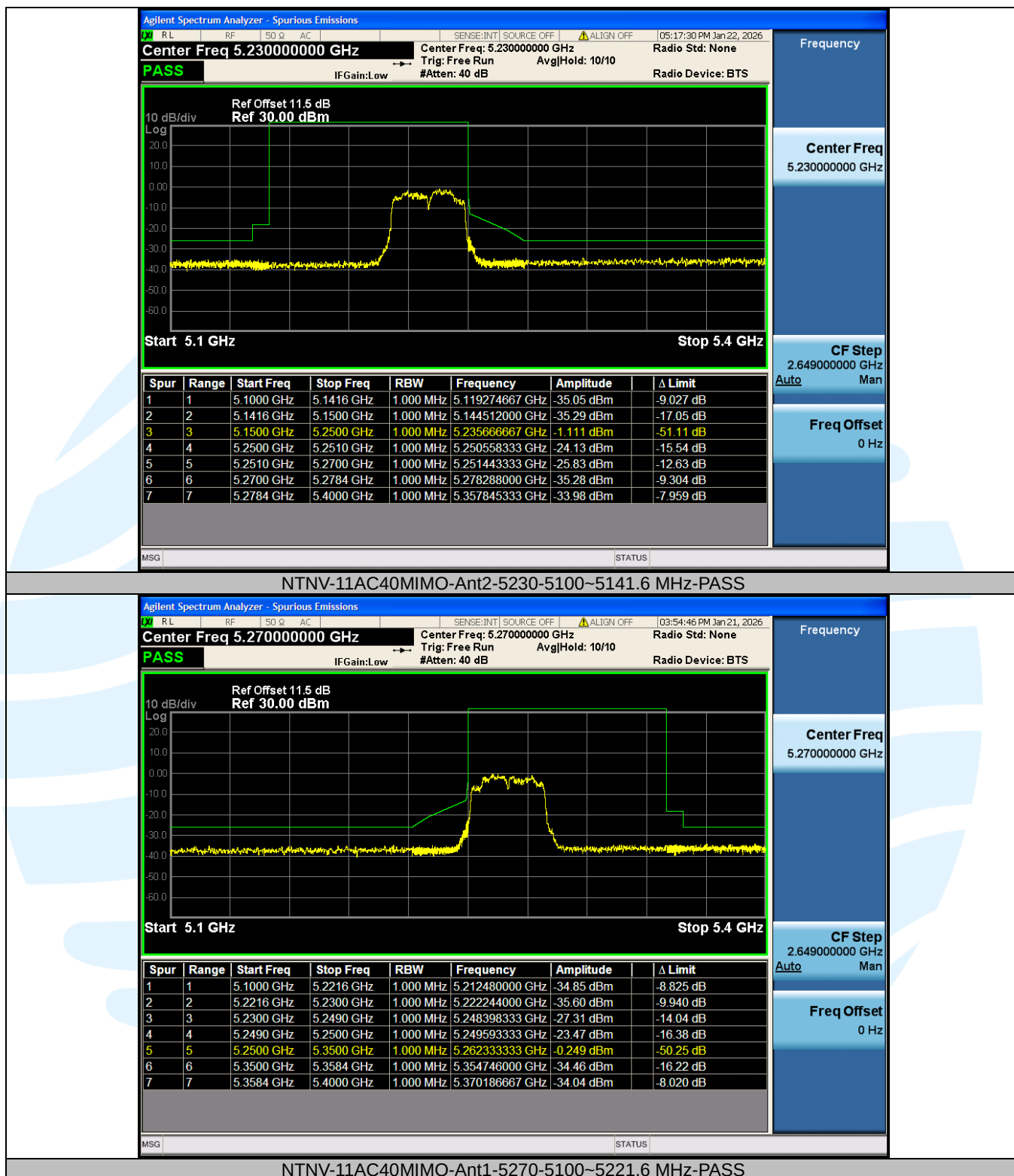


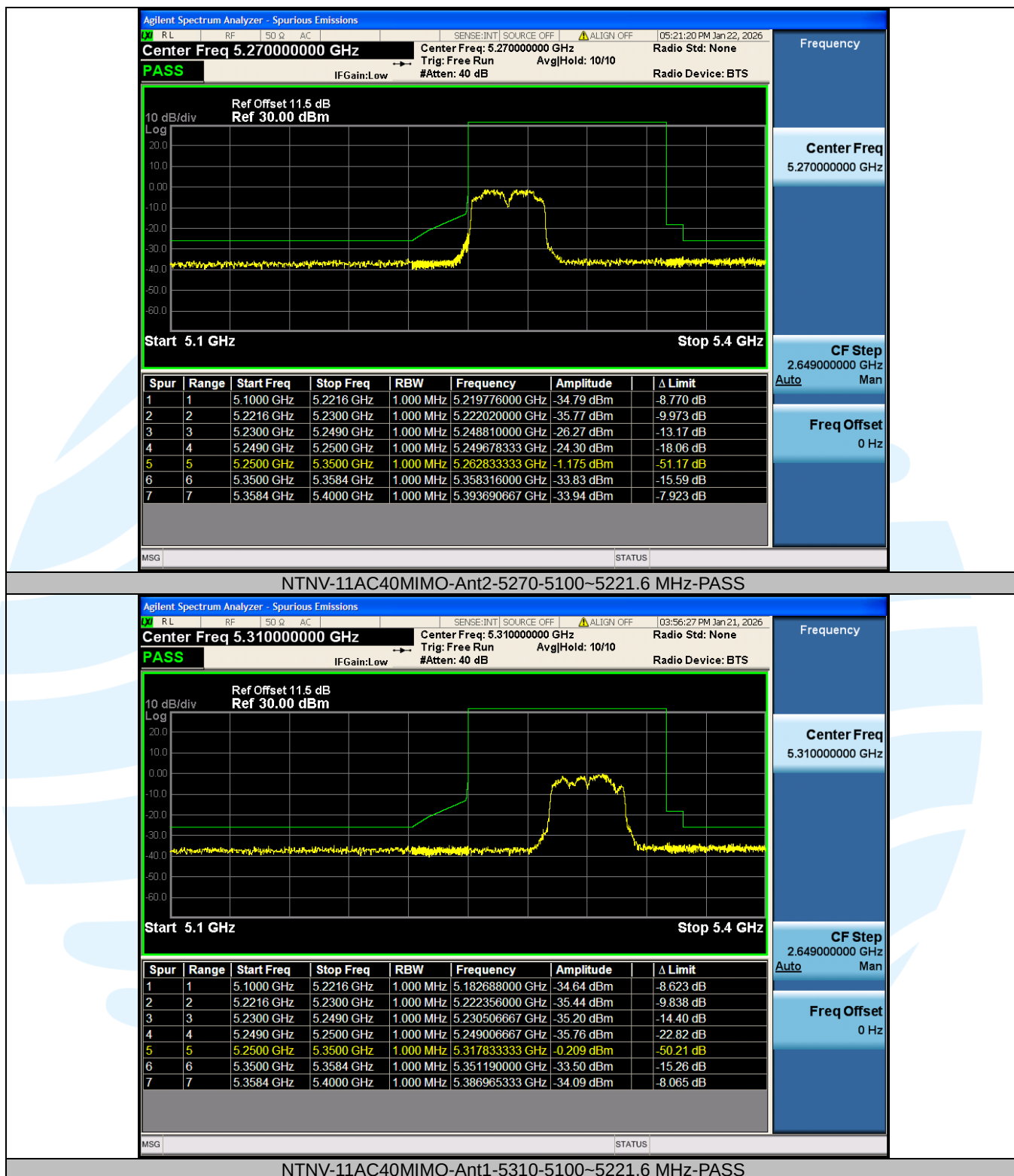










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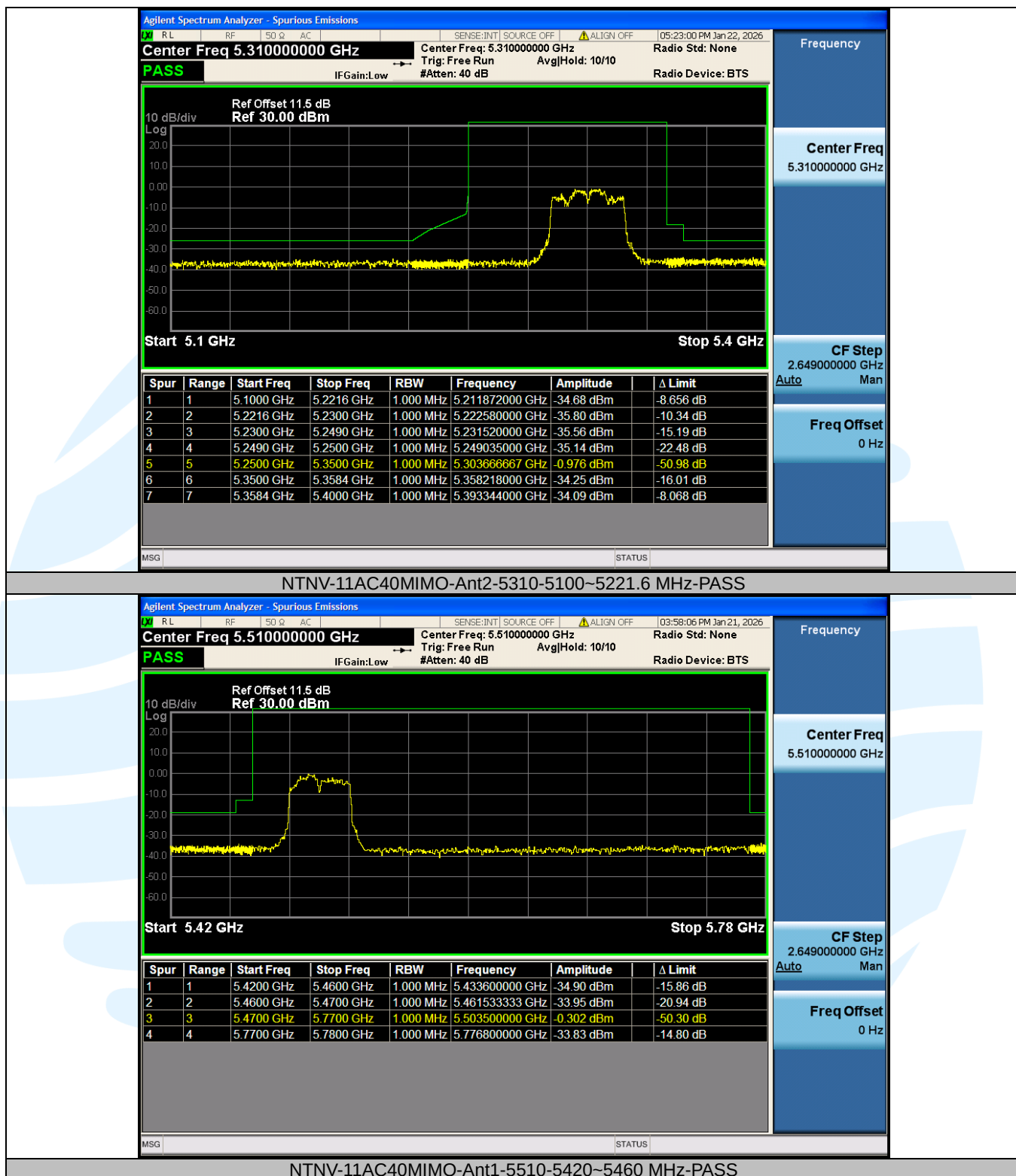
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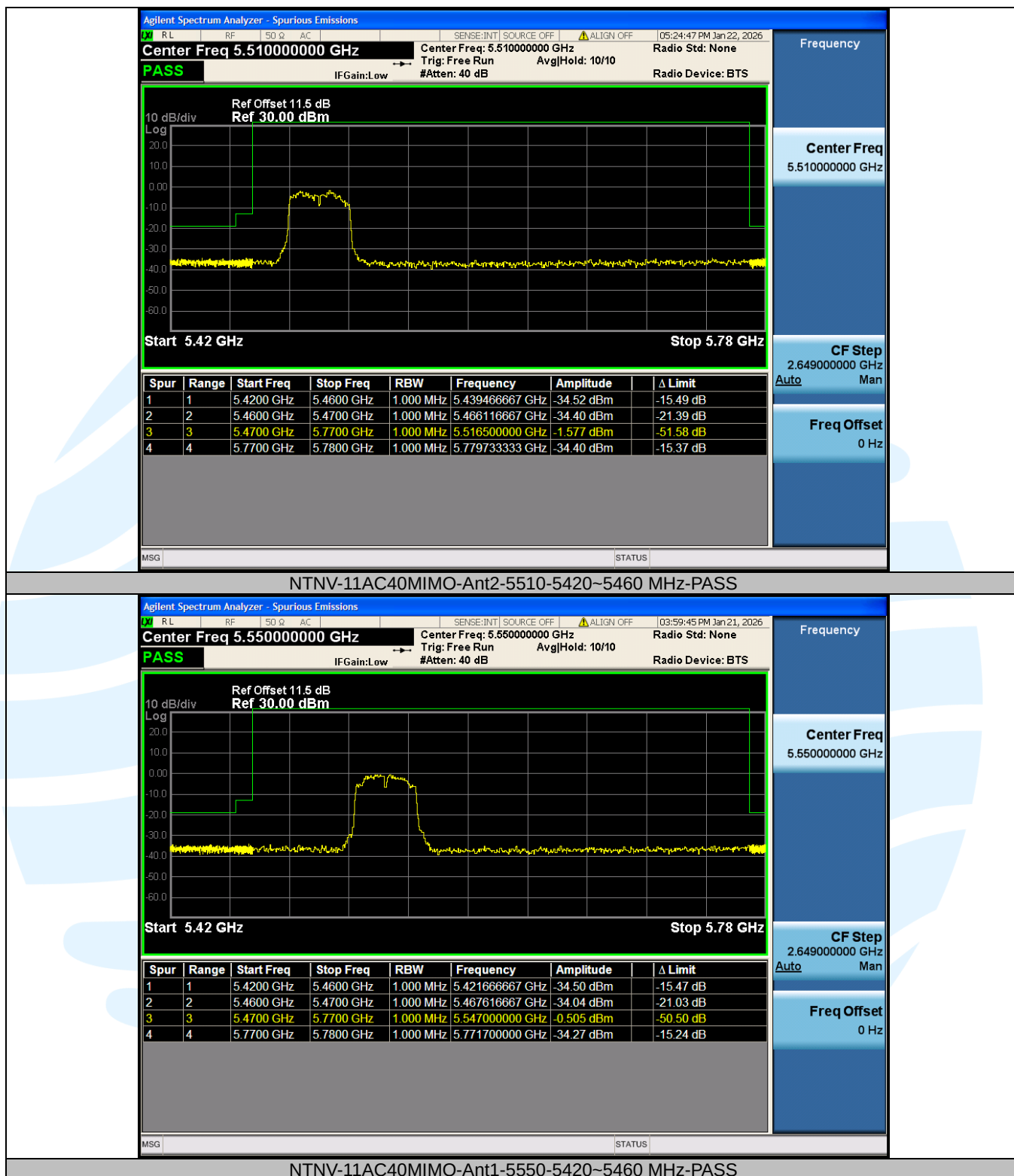
Tel: +86-755-28230888

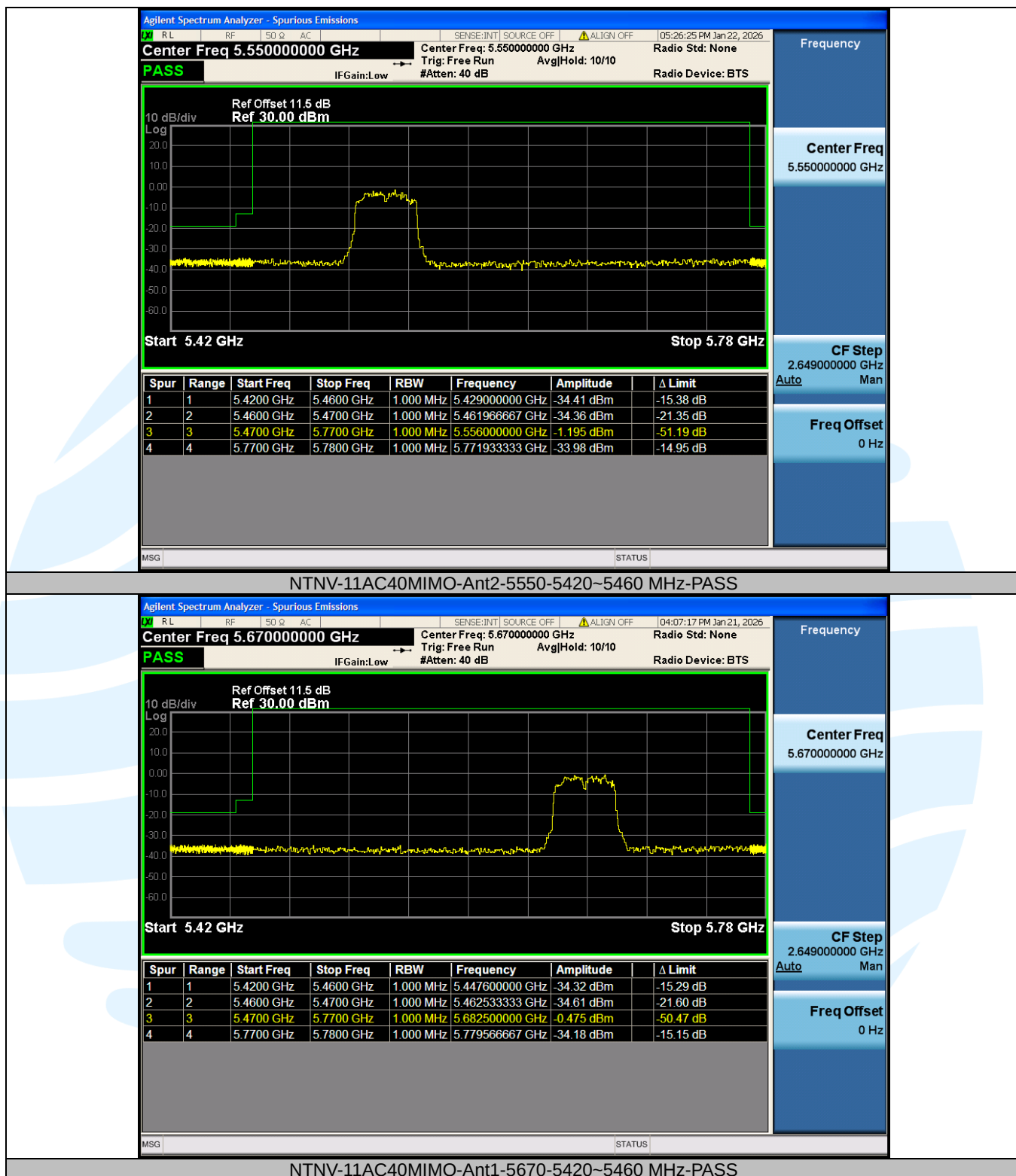
Fax: +86-755-28230886

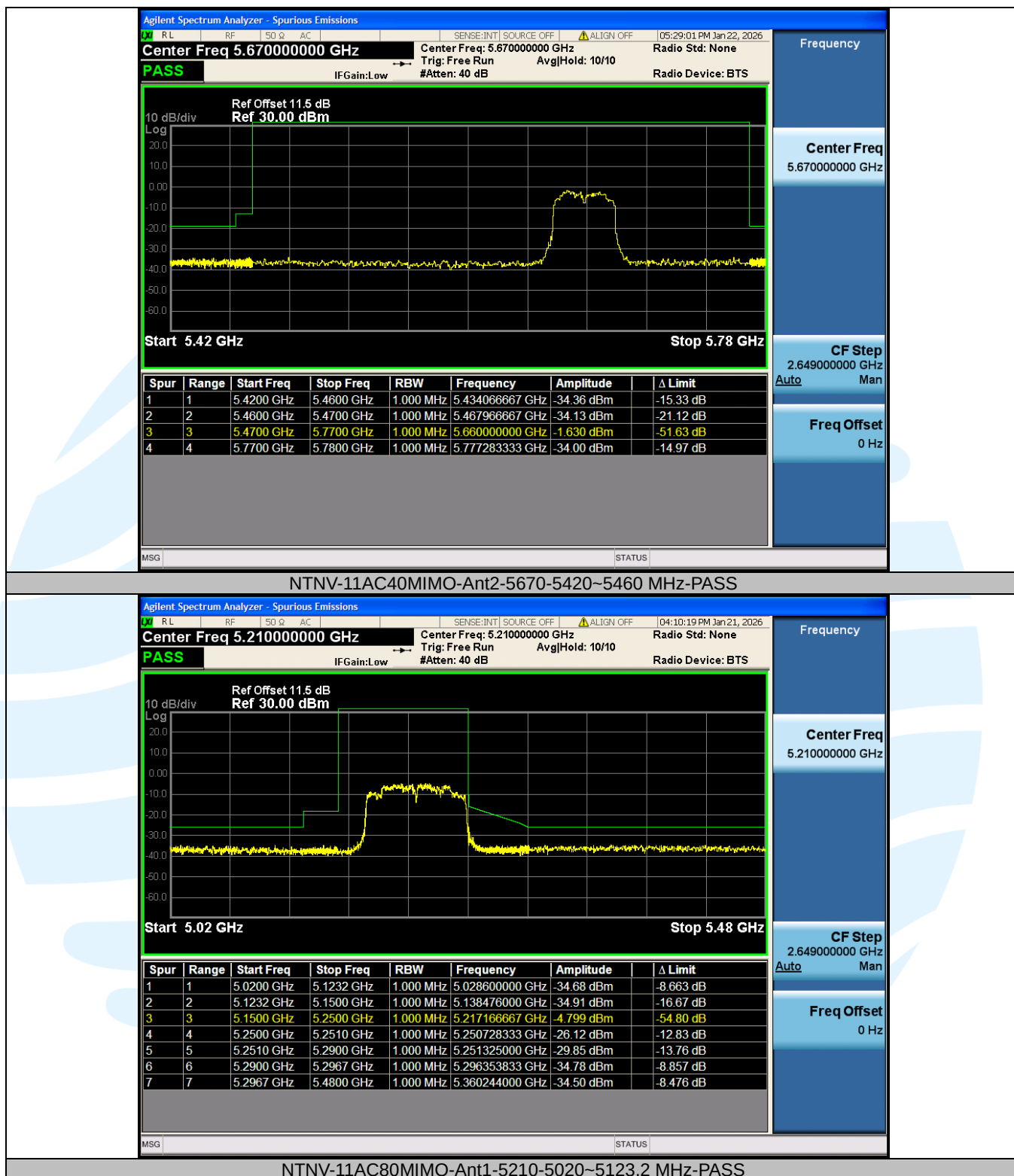
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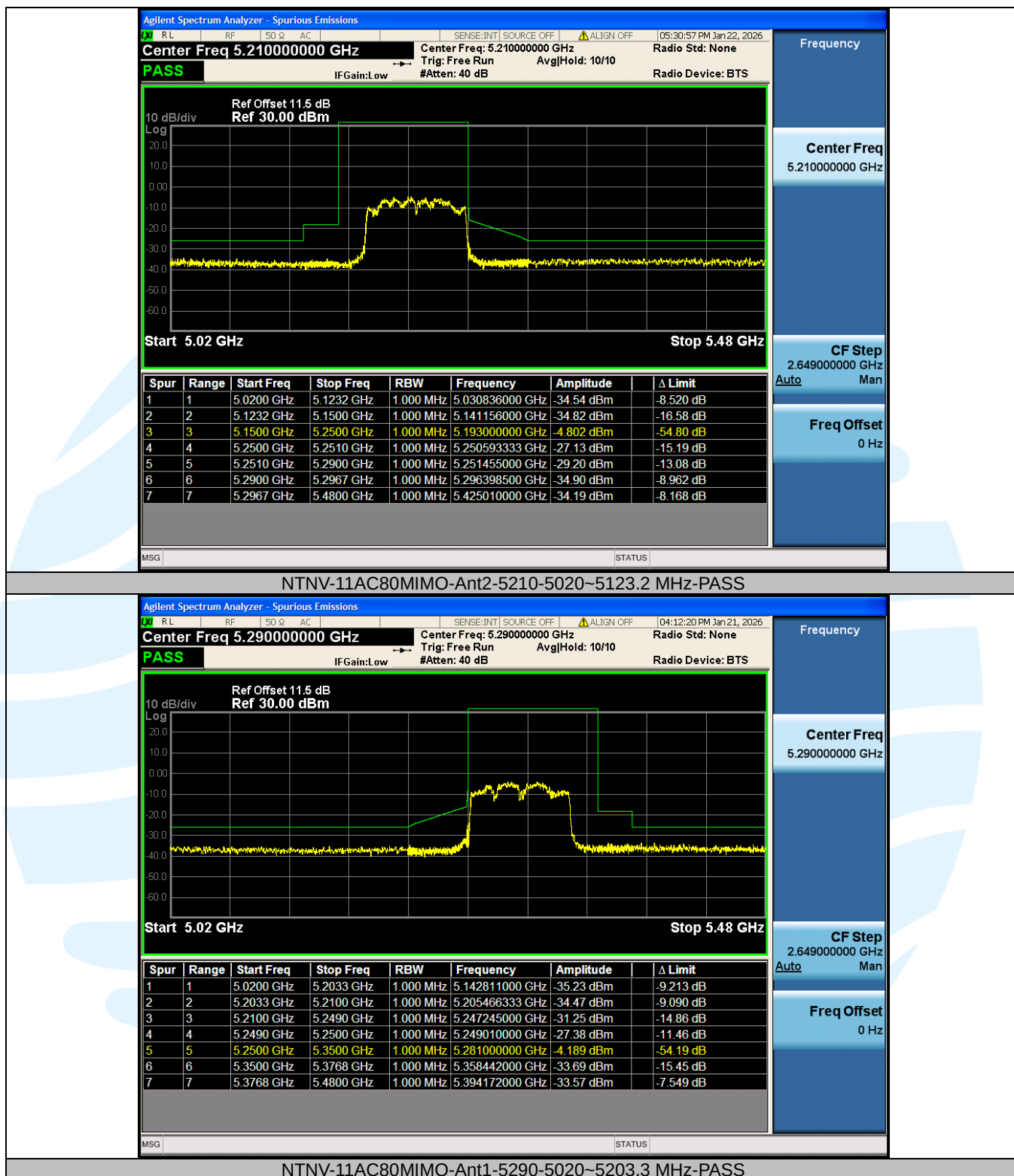
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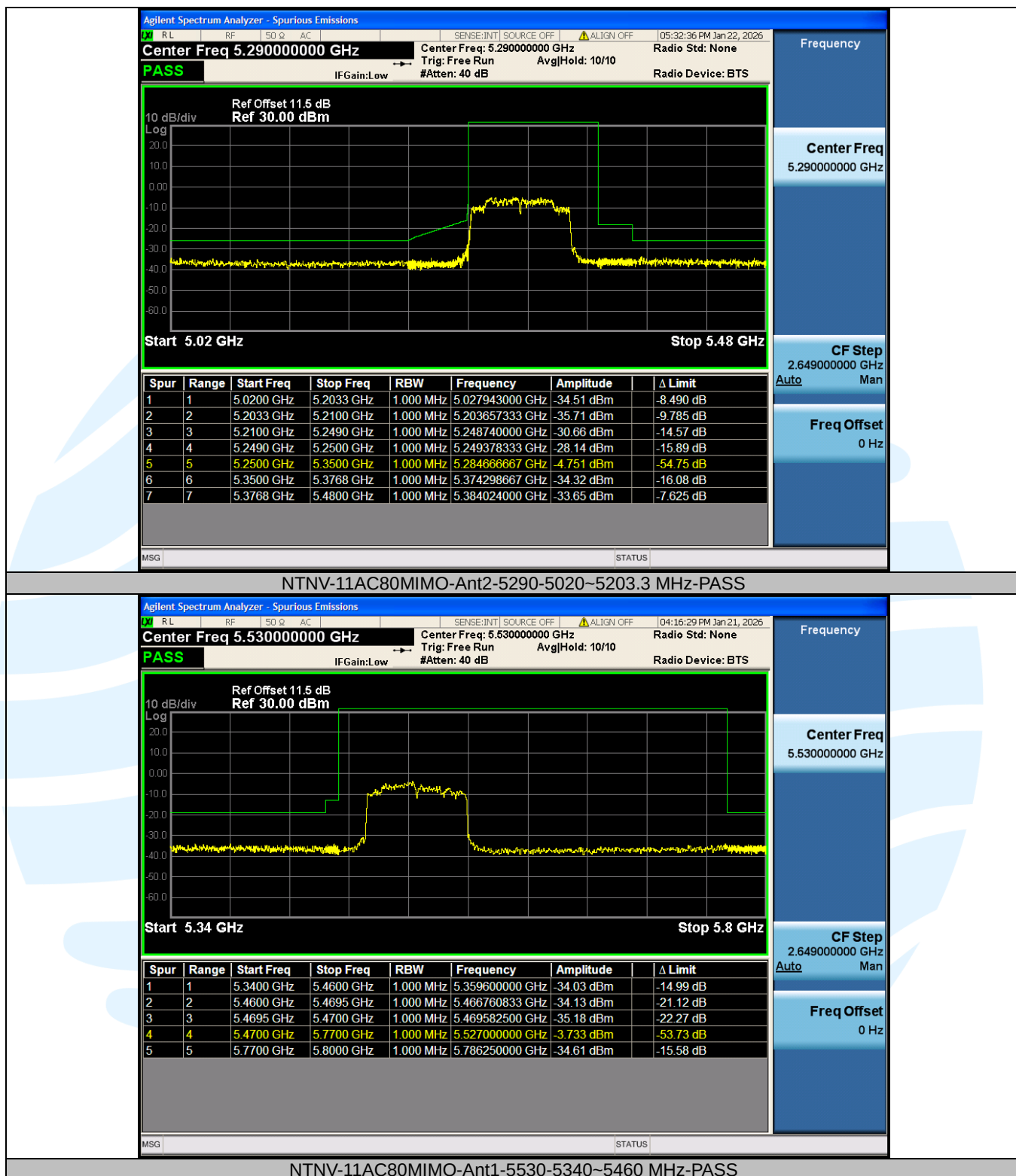
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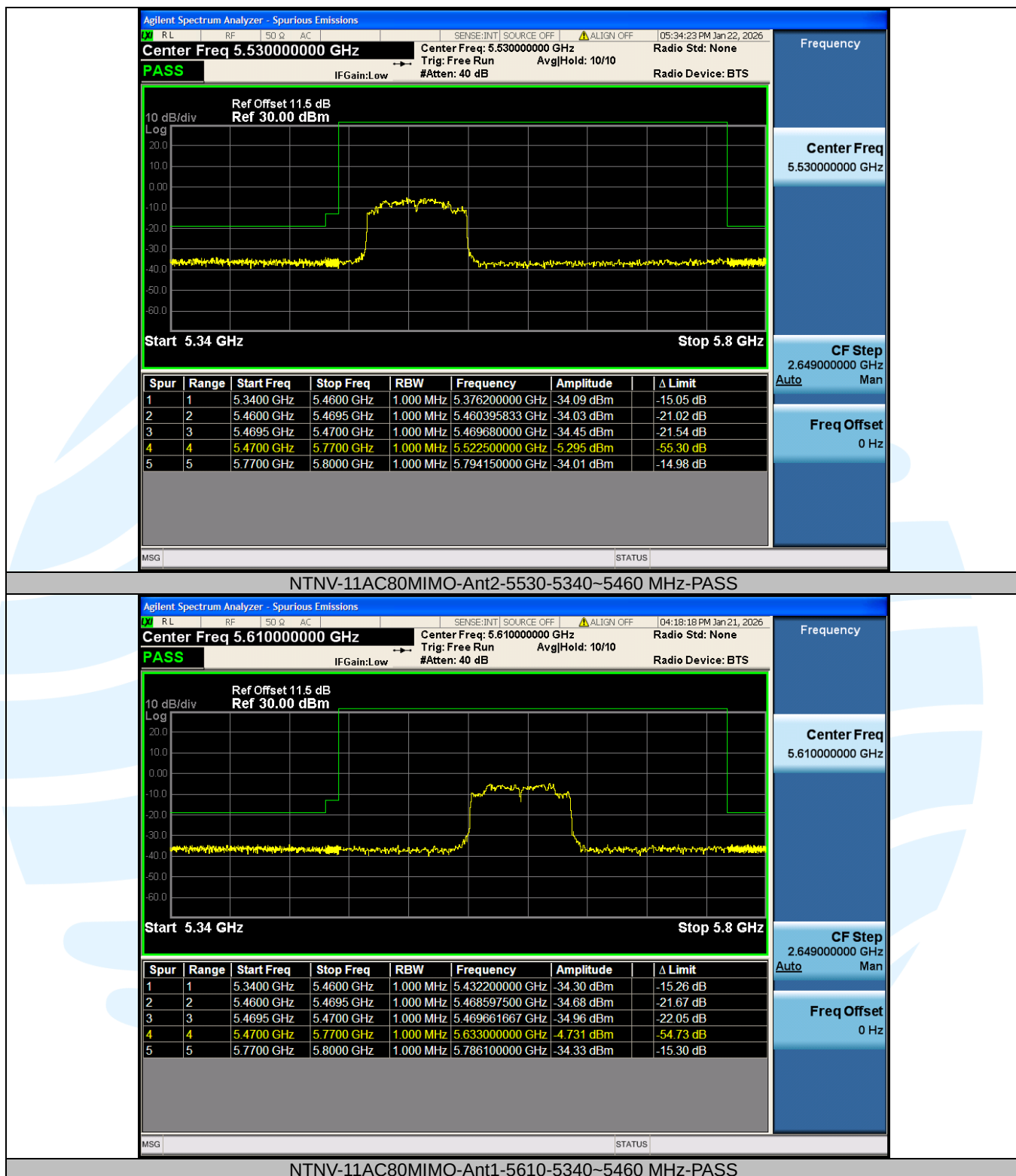


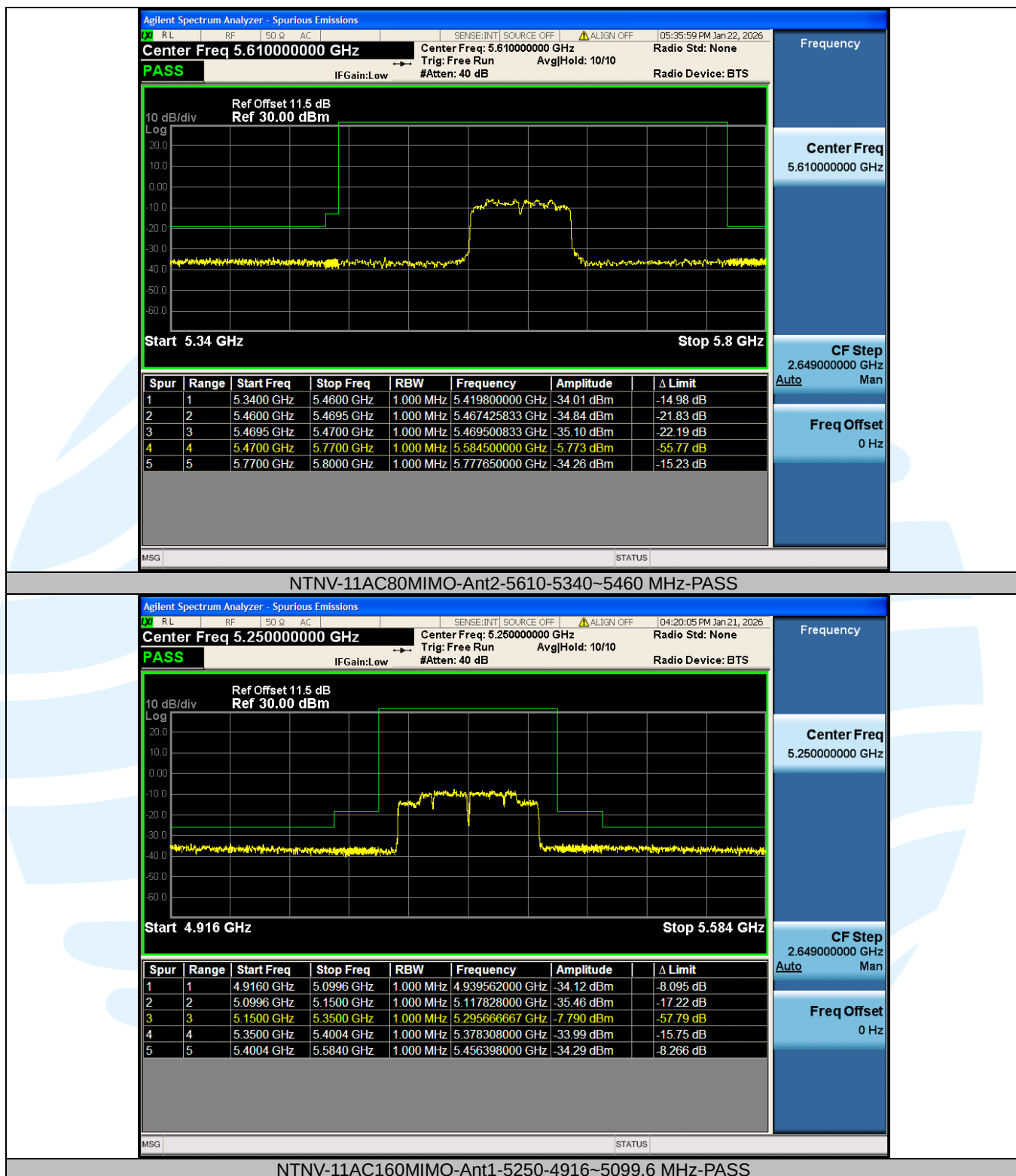


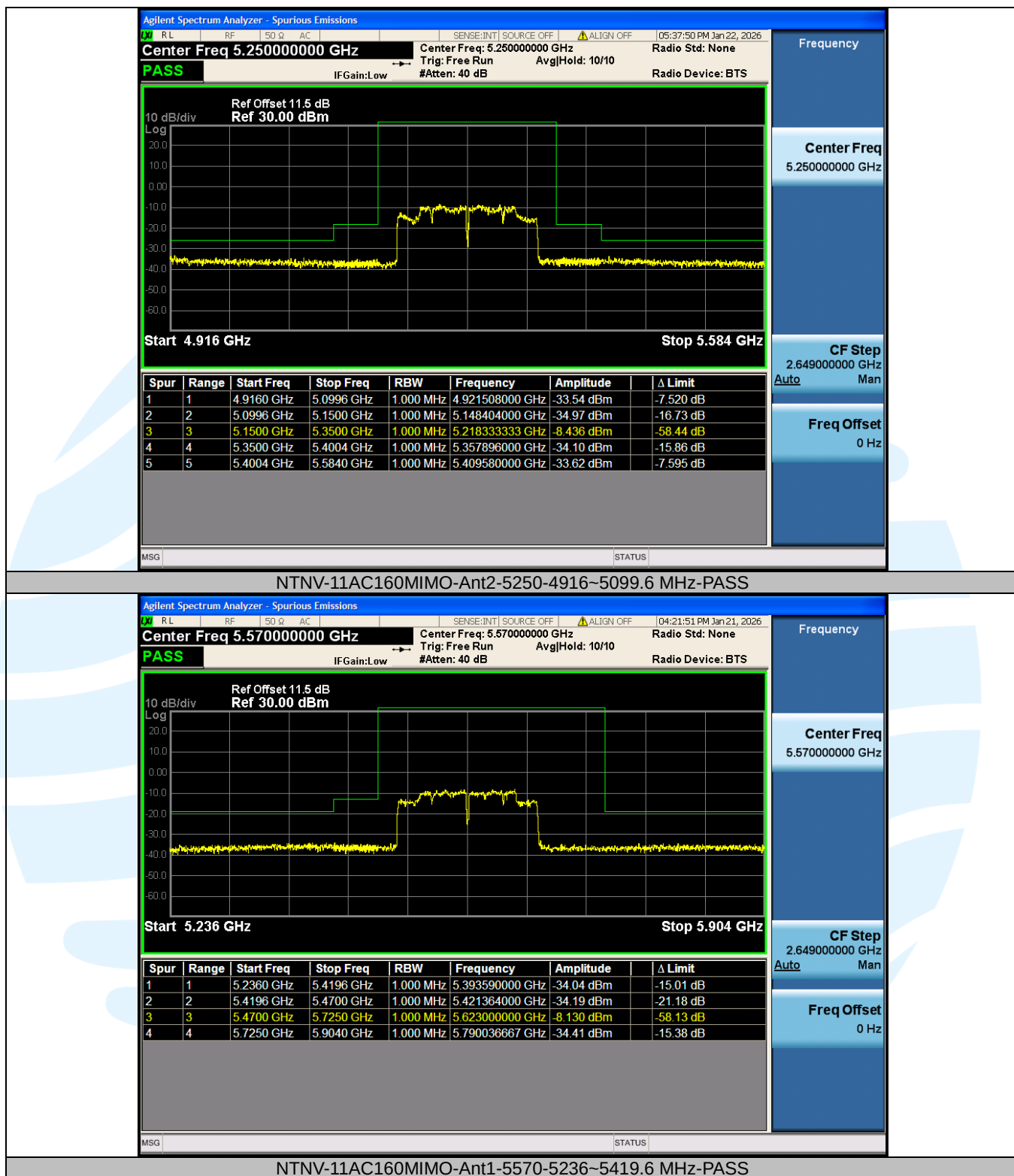


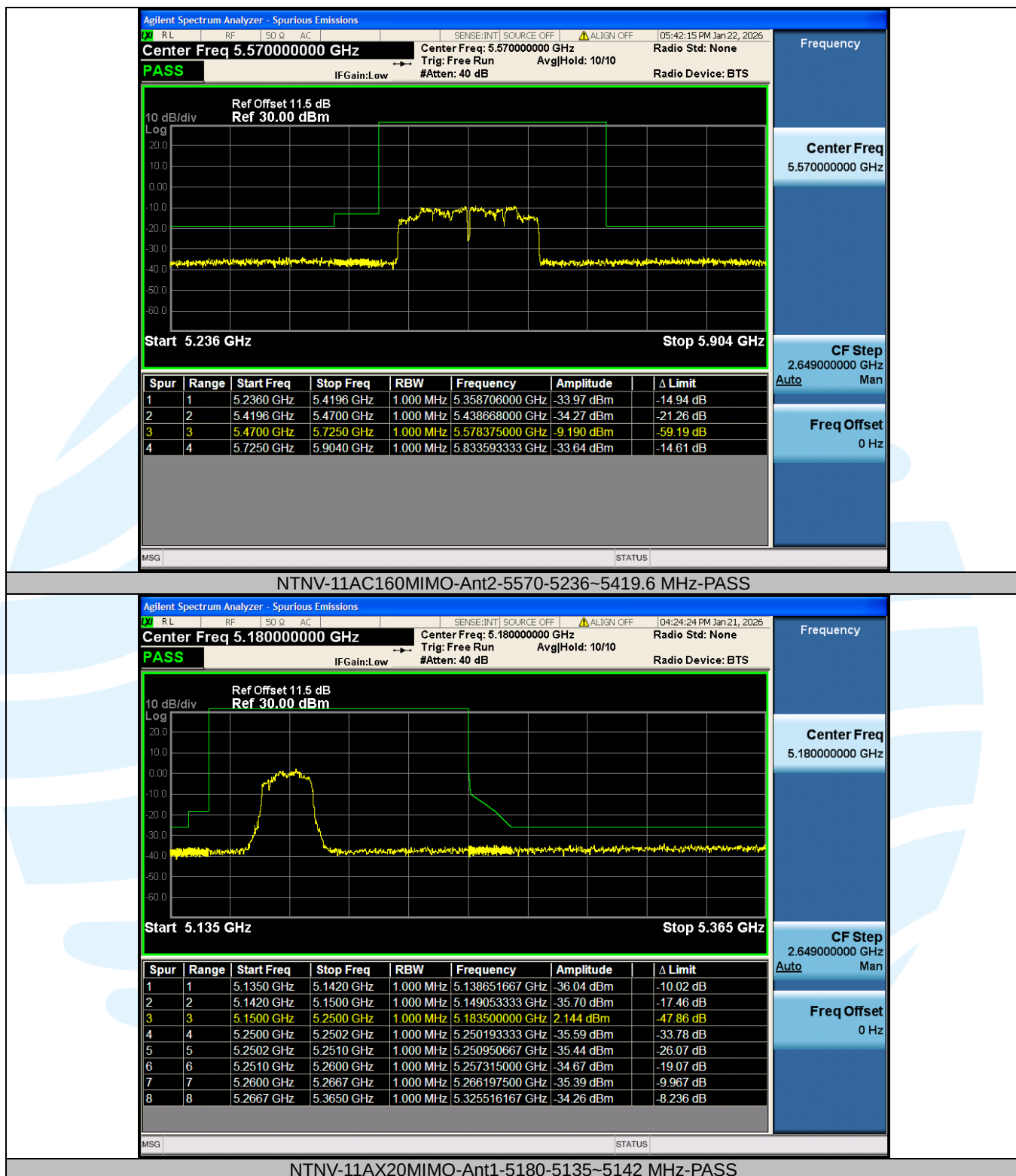


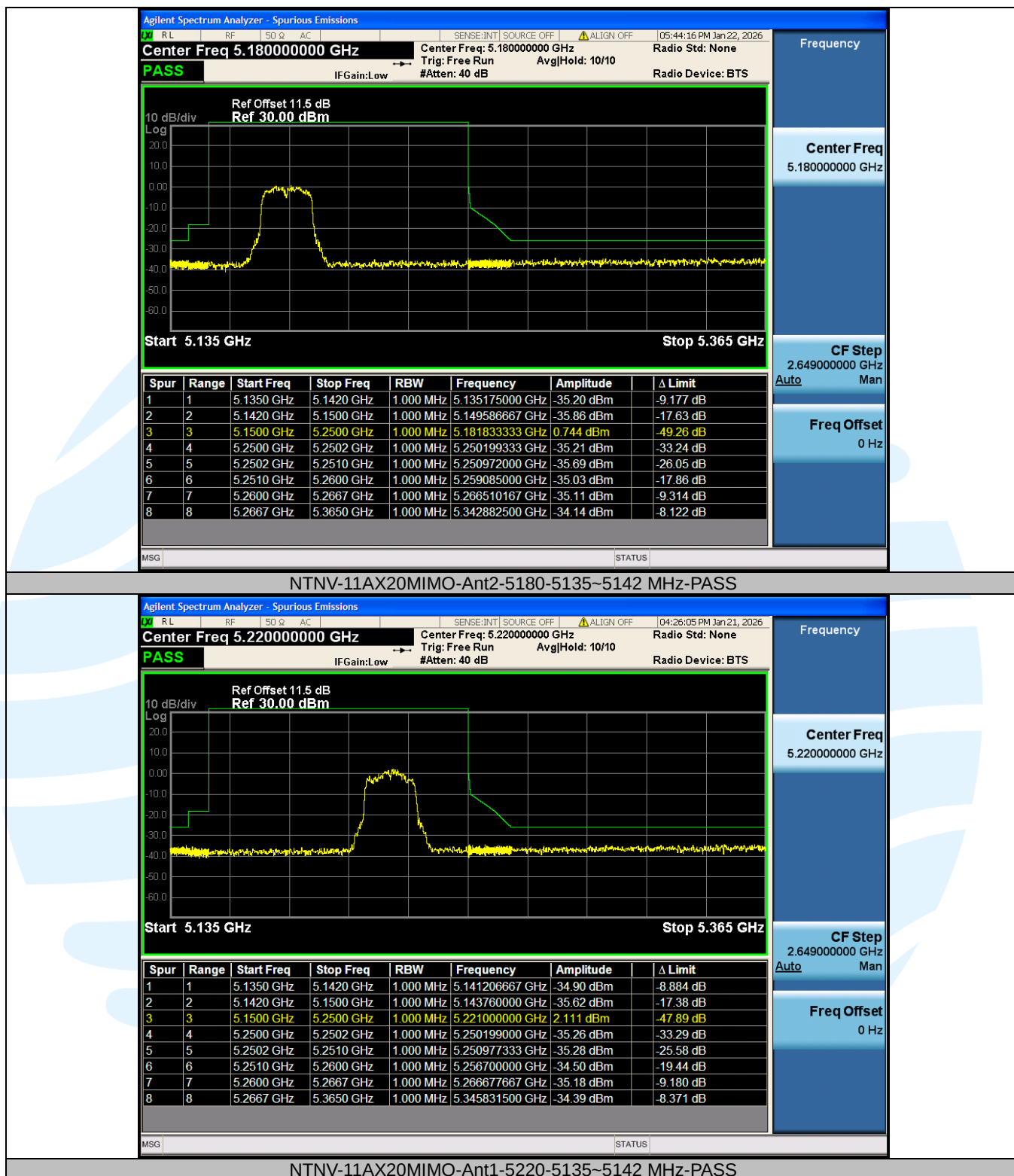










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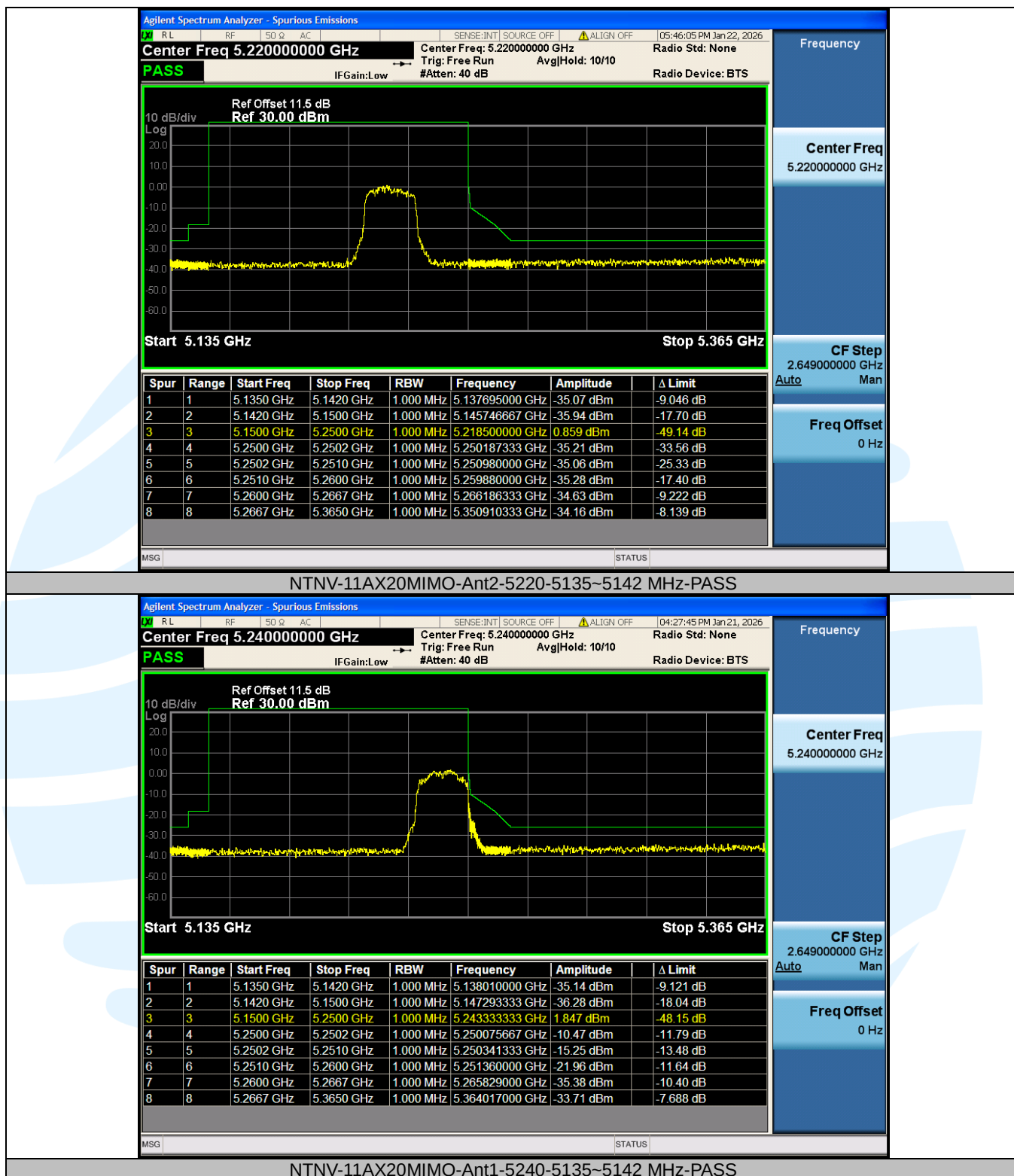
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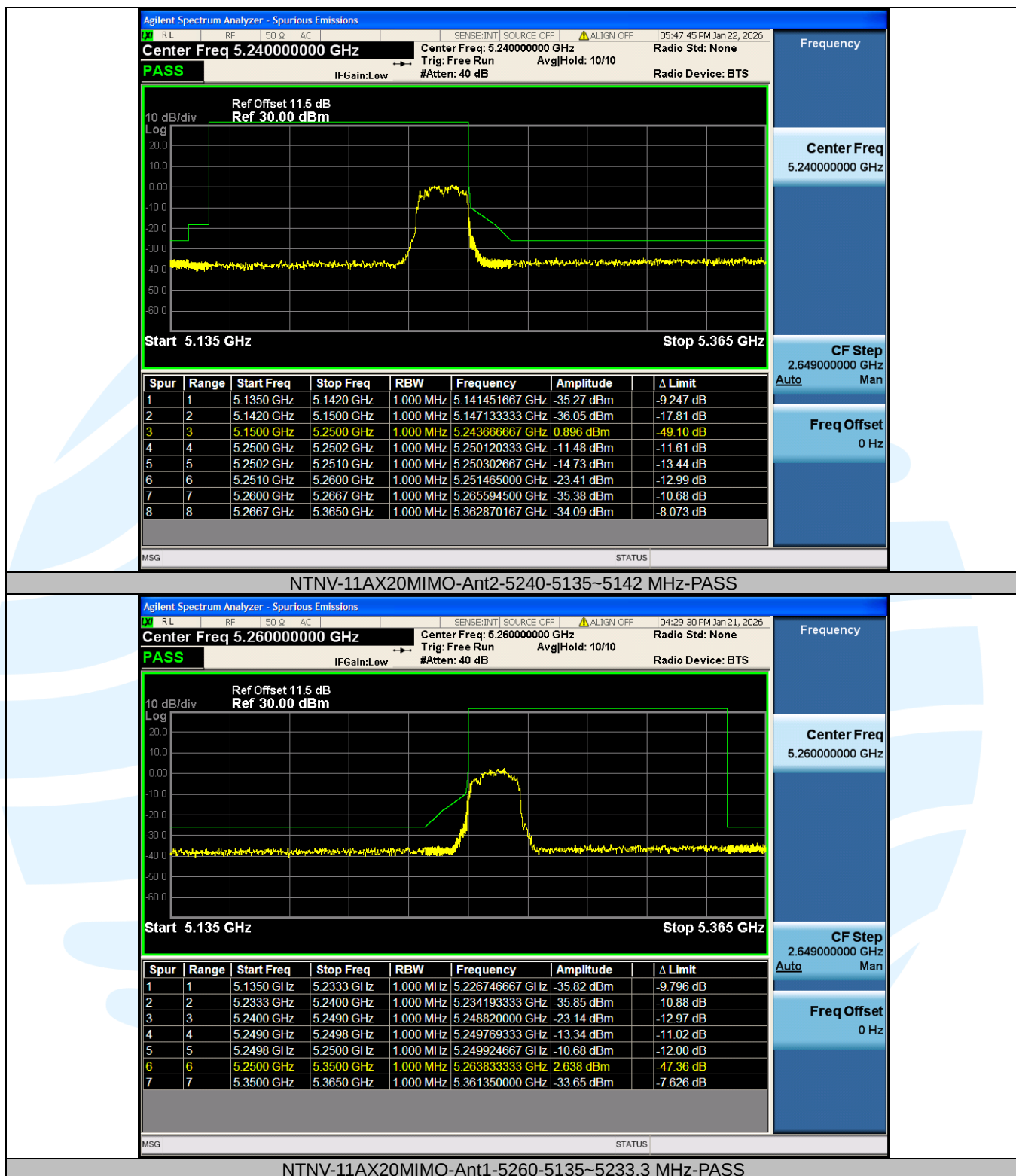
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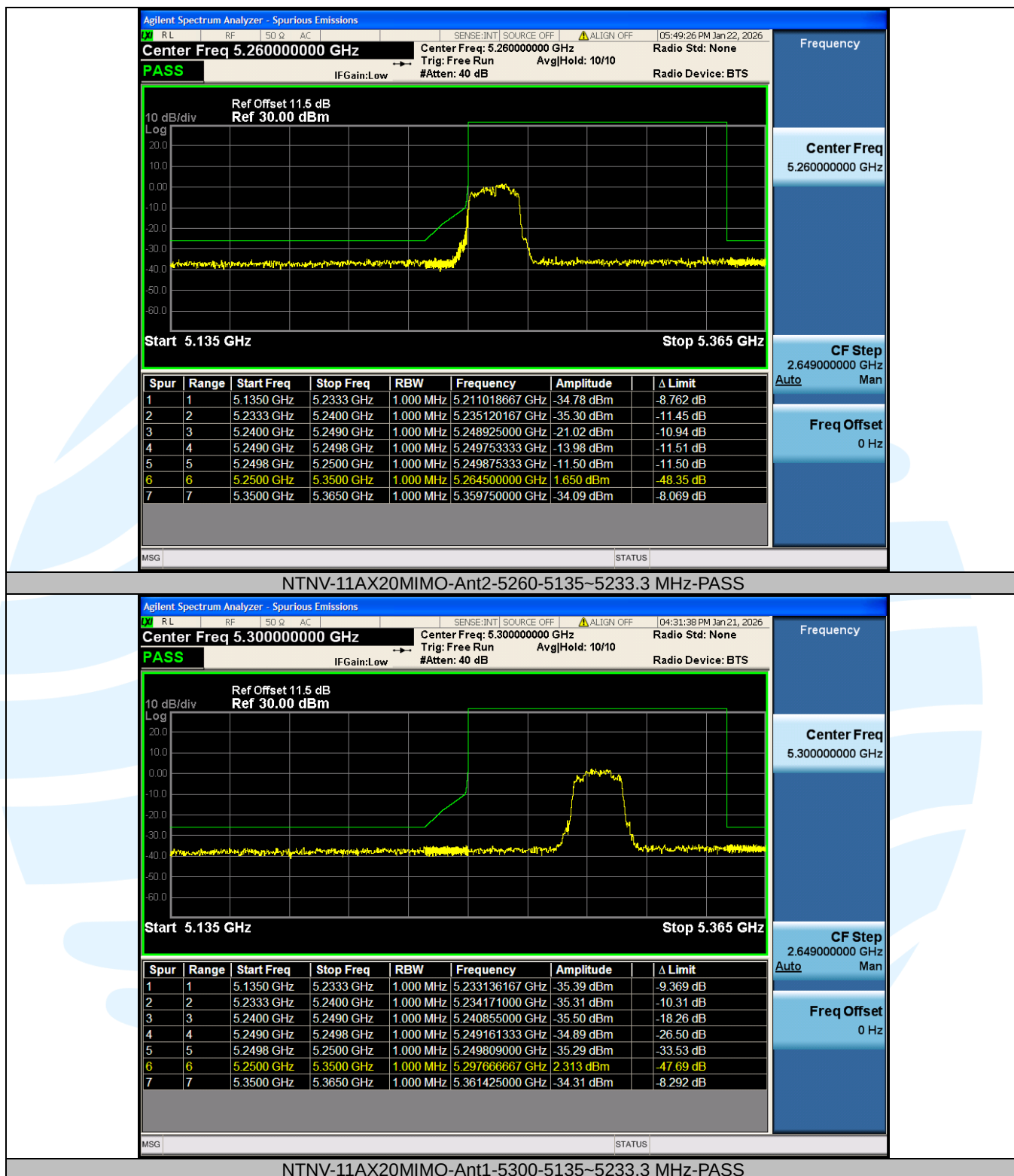
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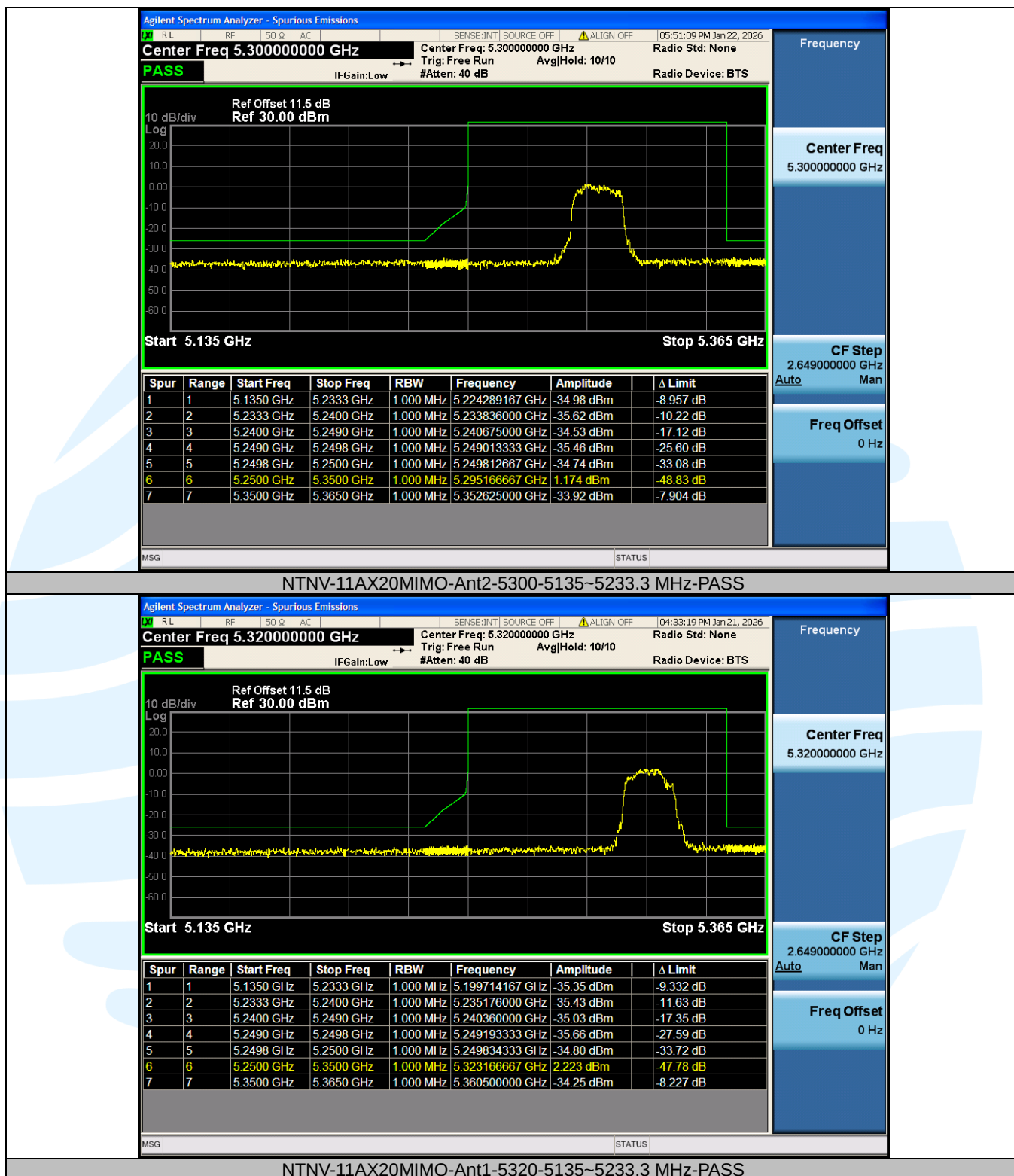
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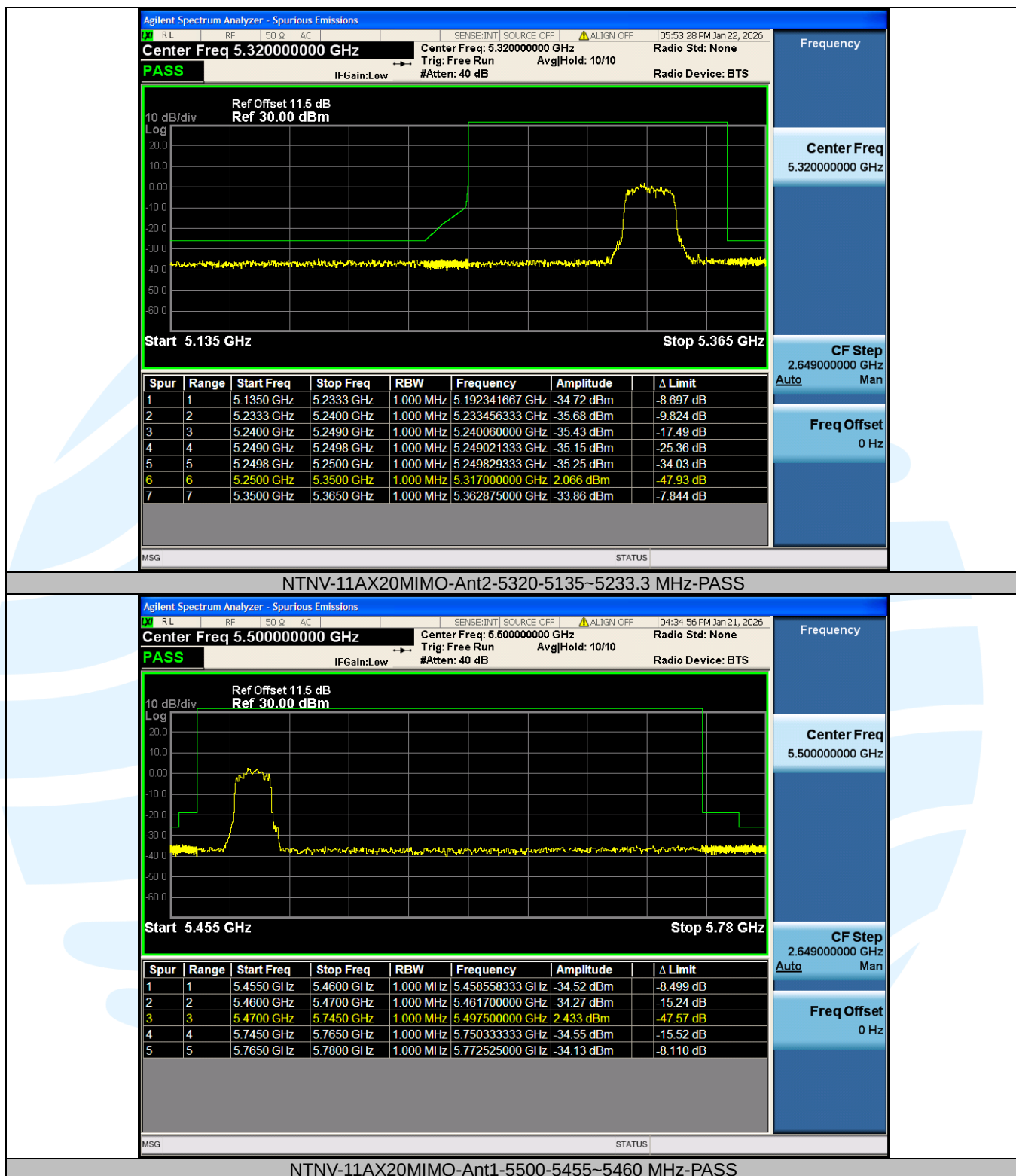
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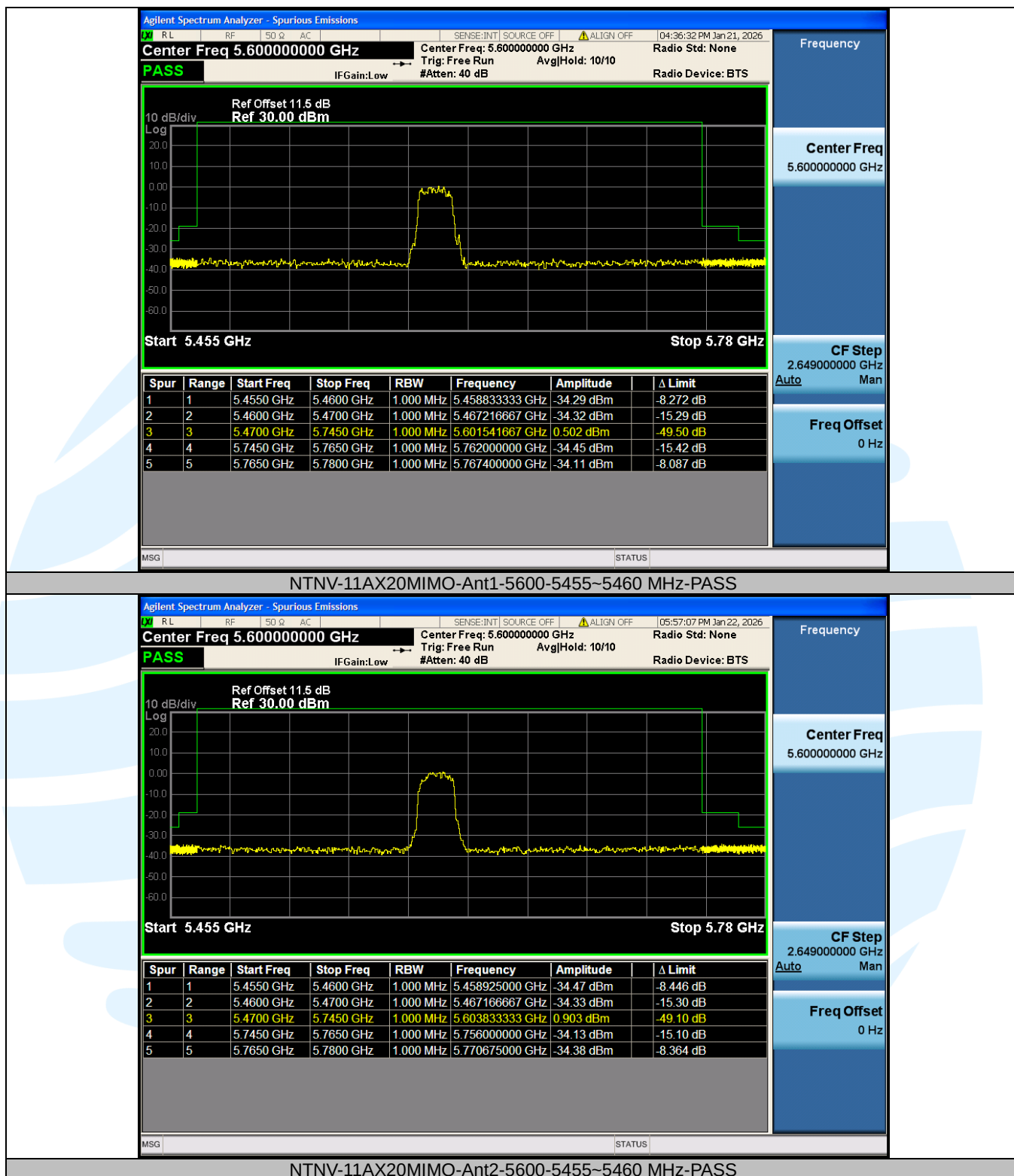
Fax: +86-755-28230886

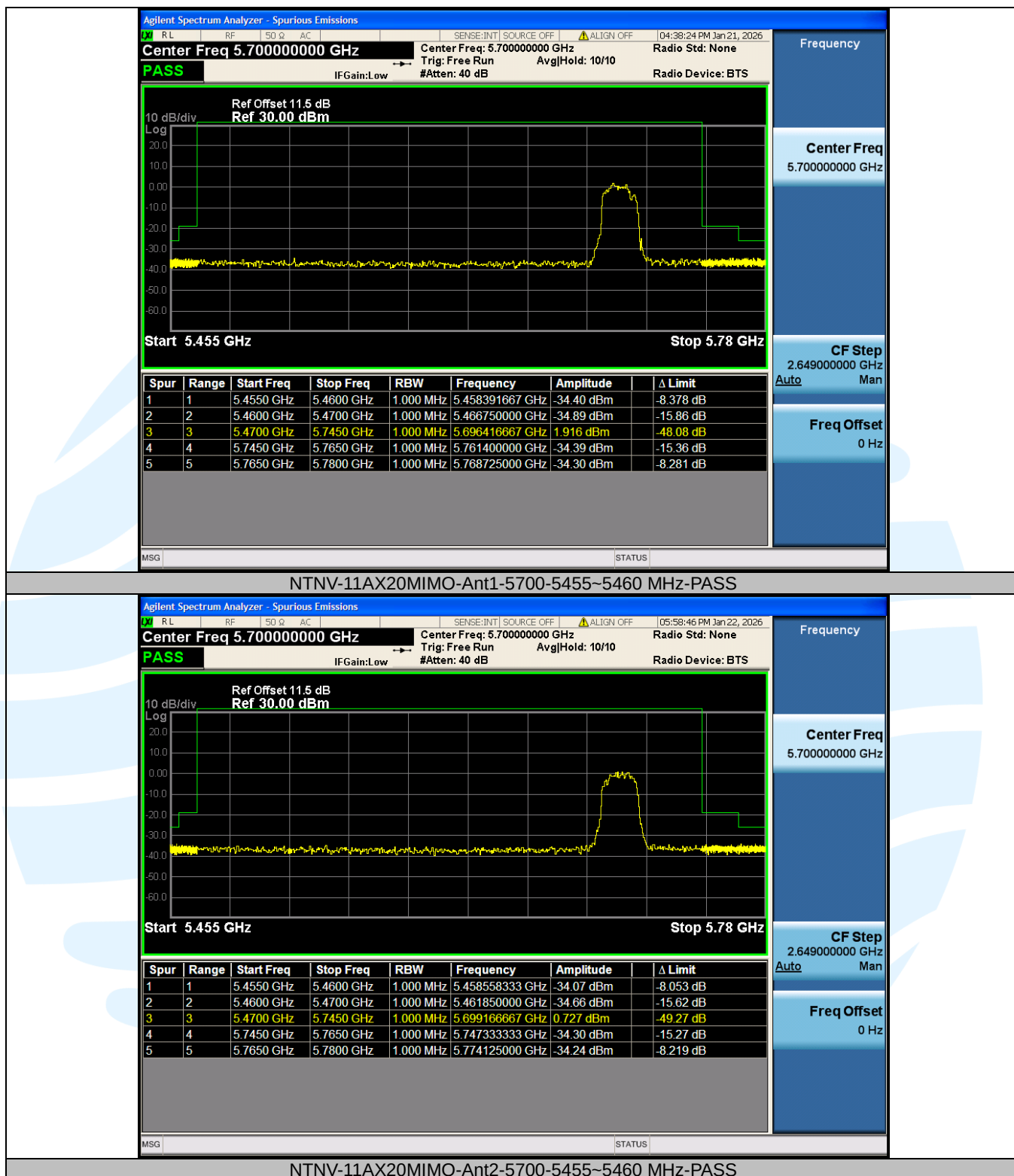
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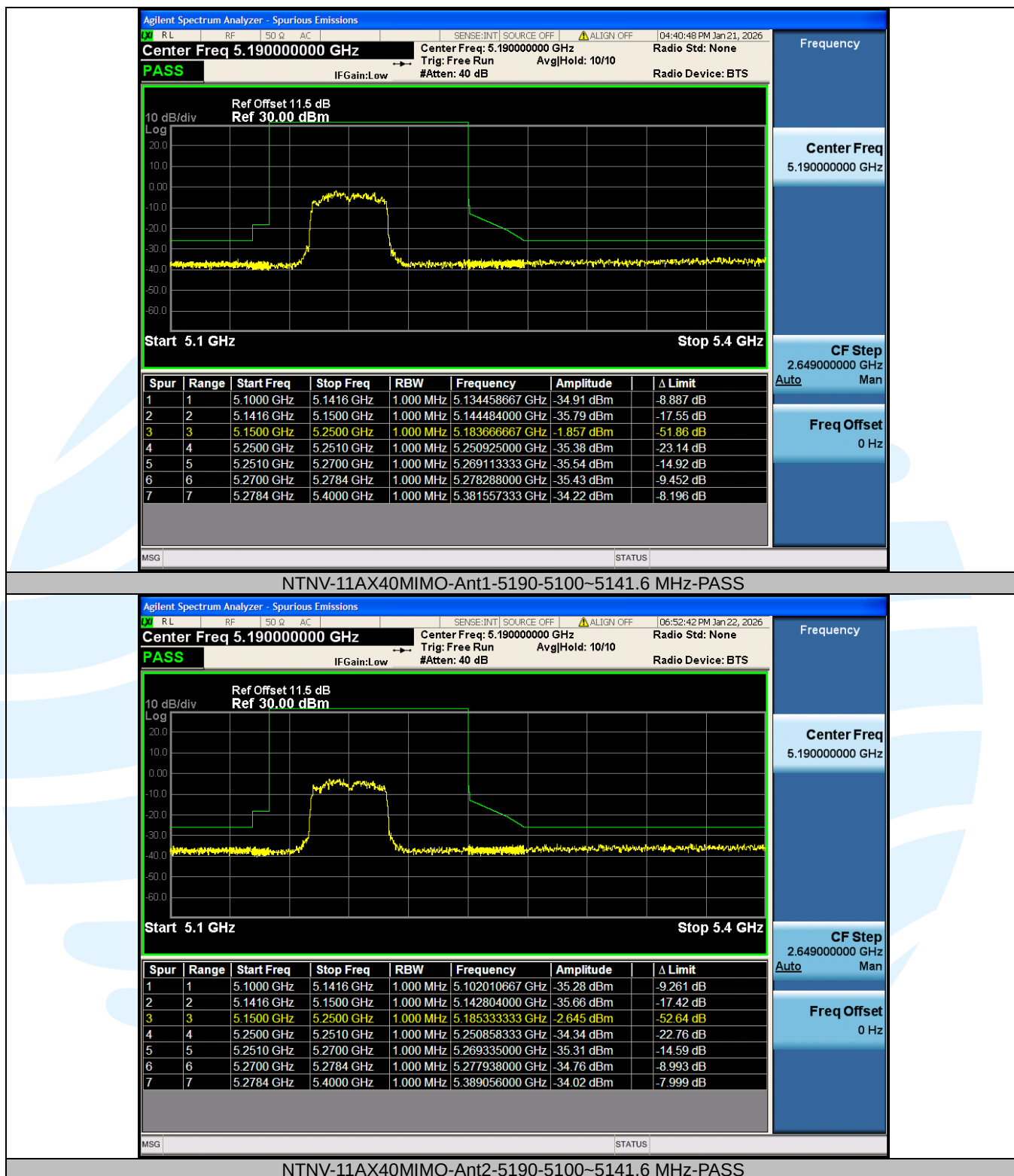
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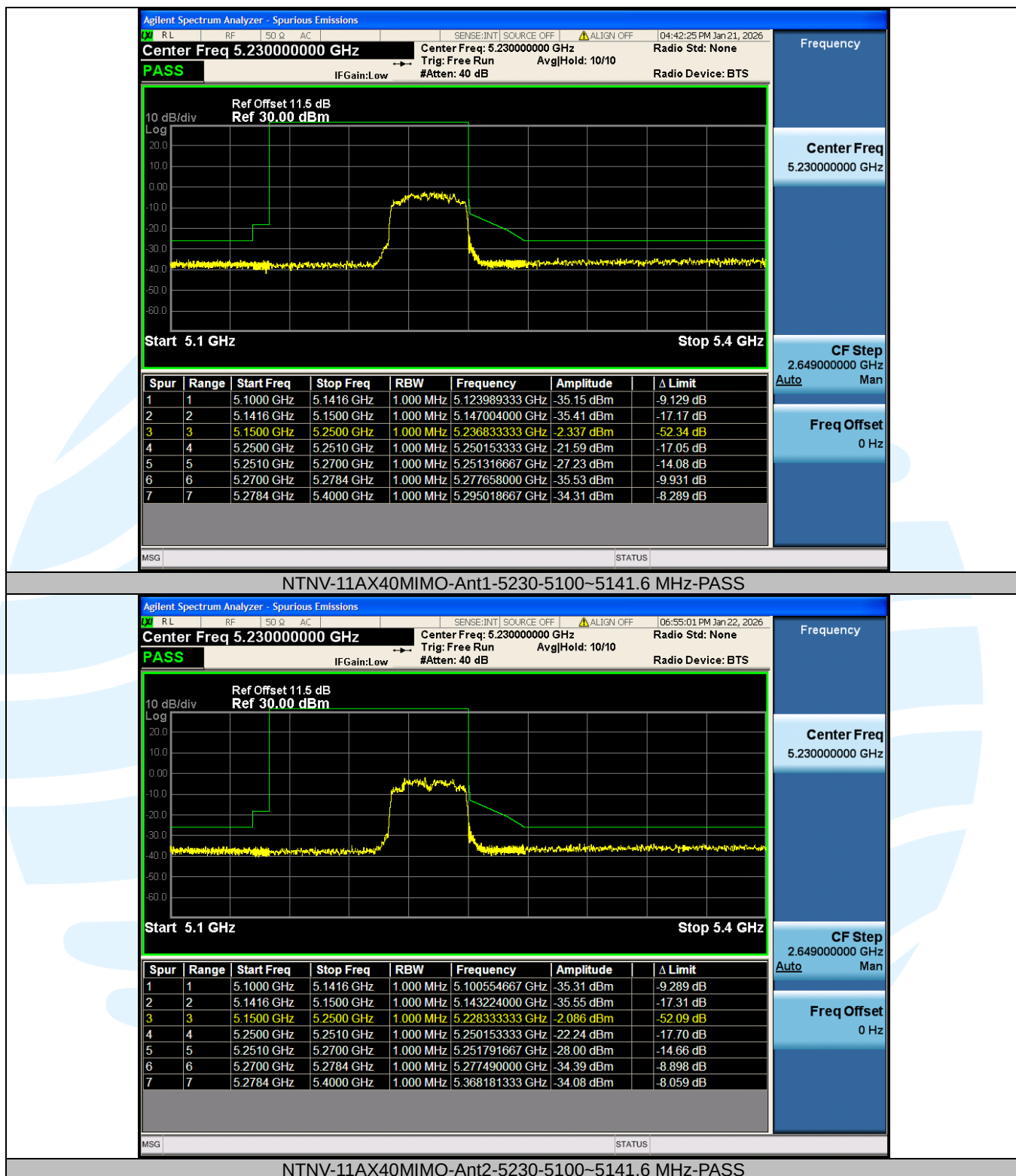
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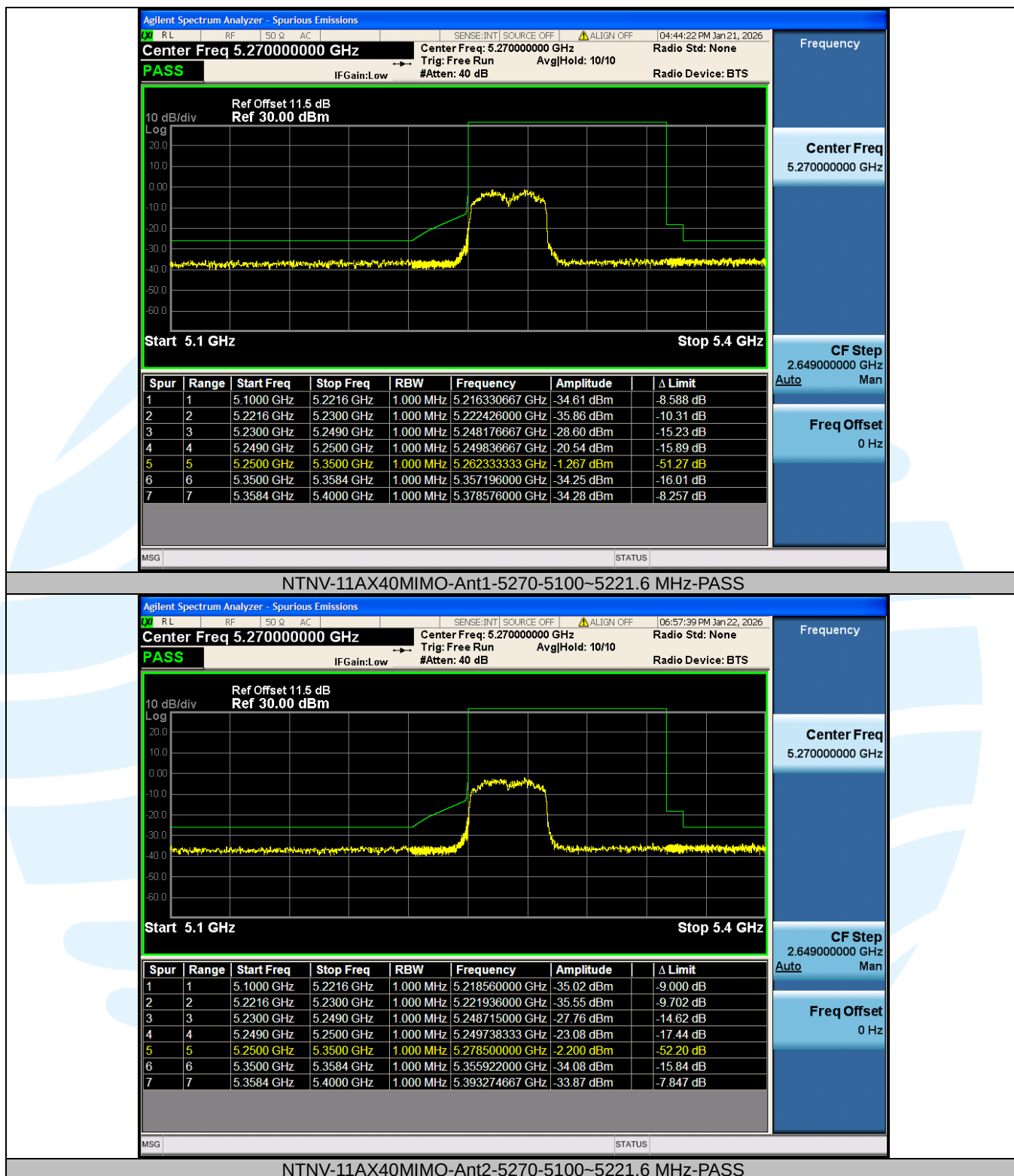
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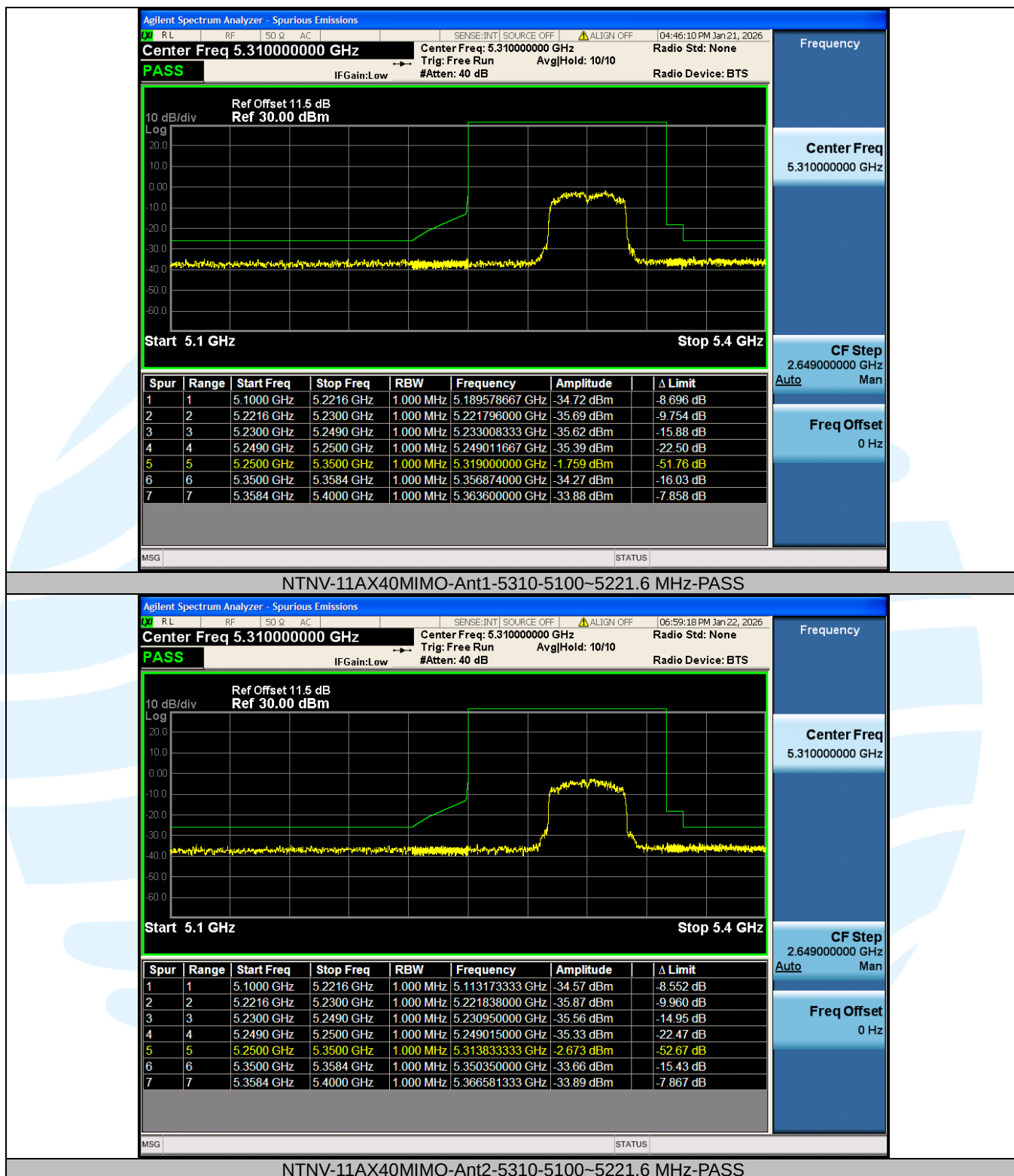
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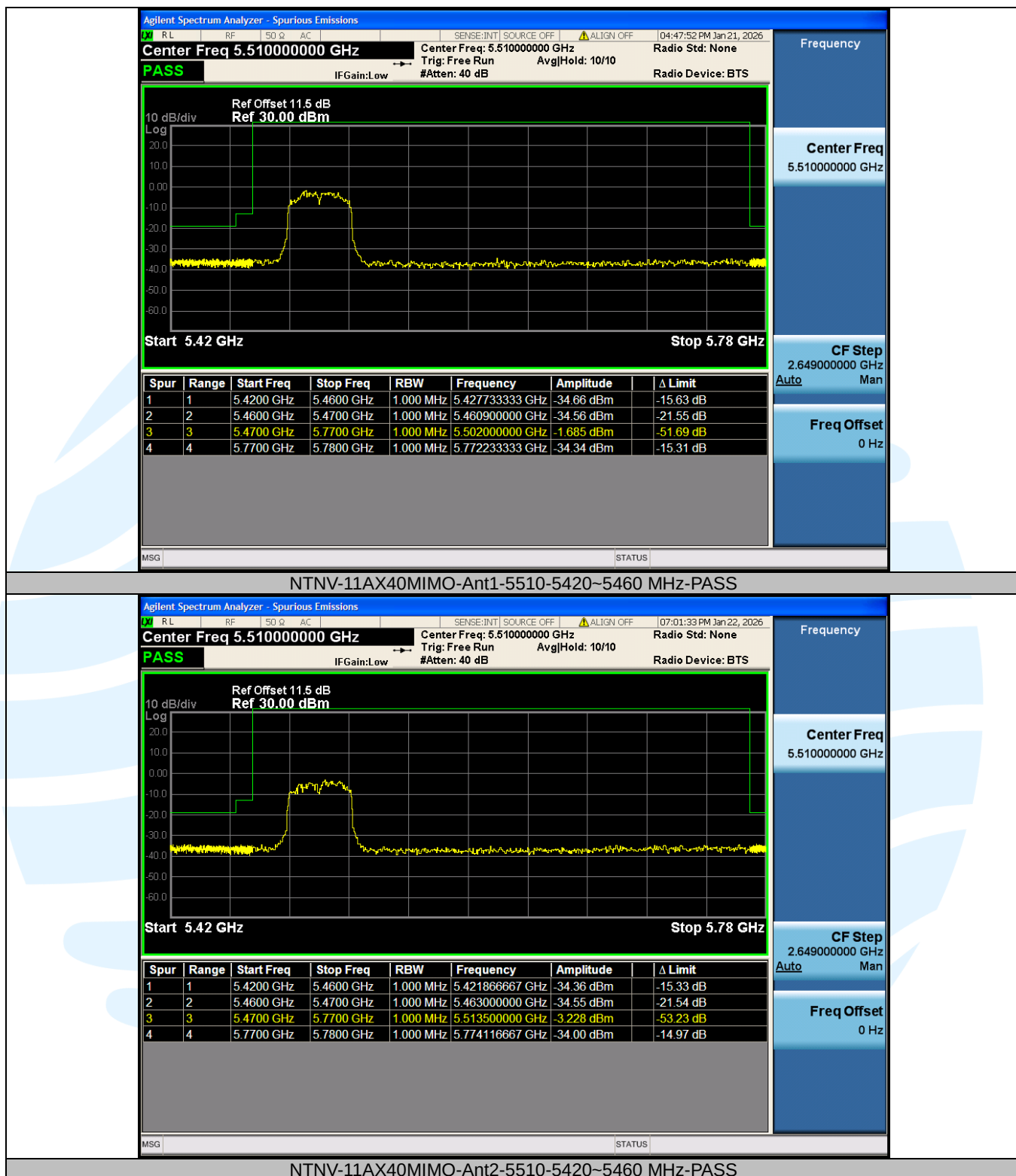
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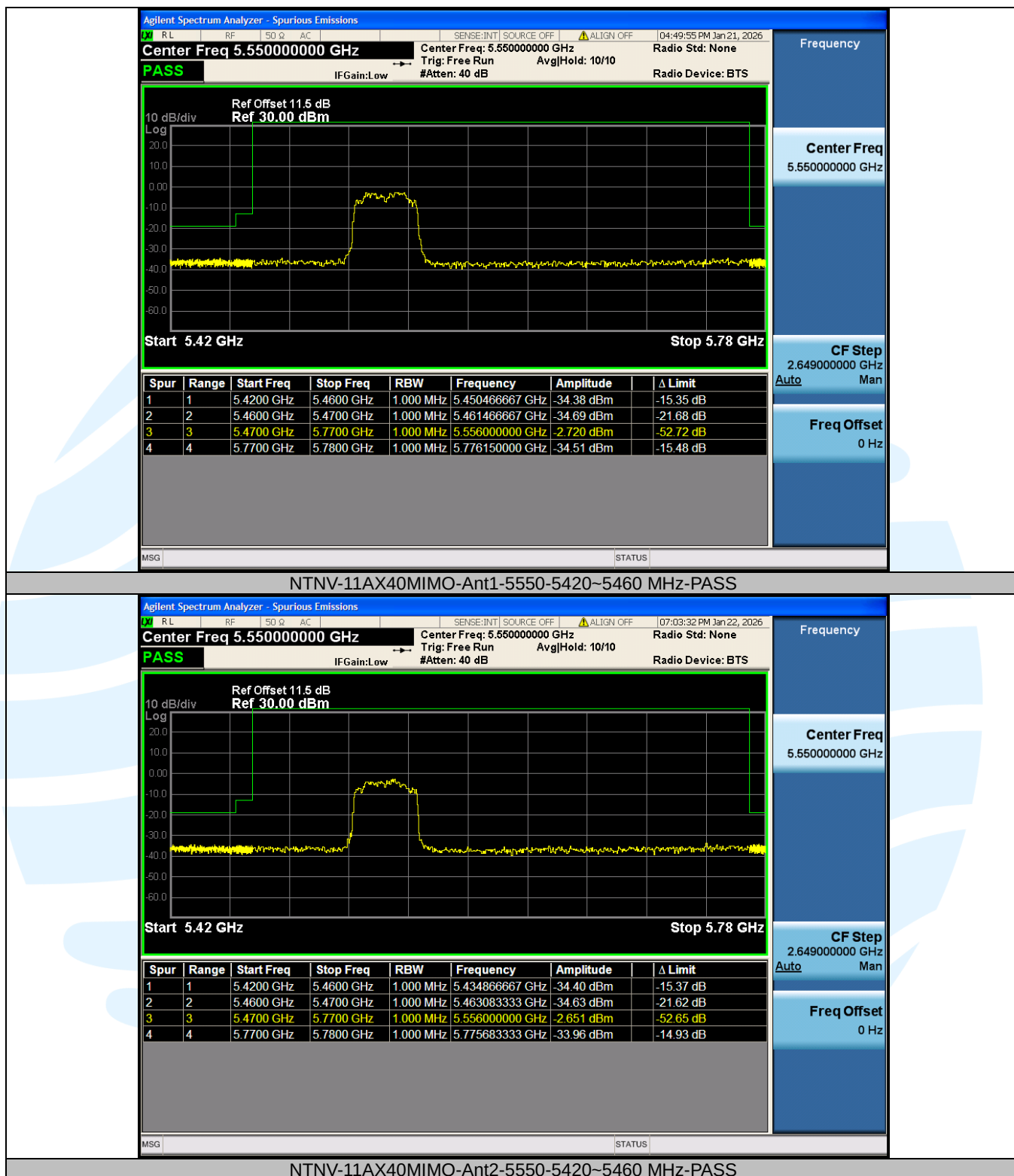


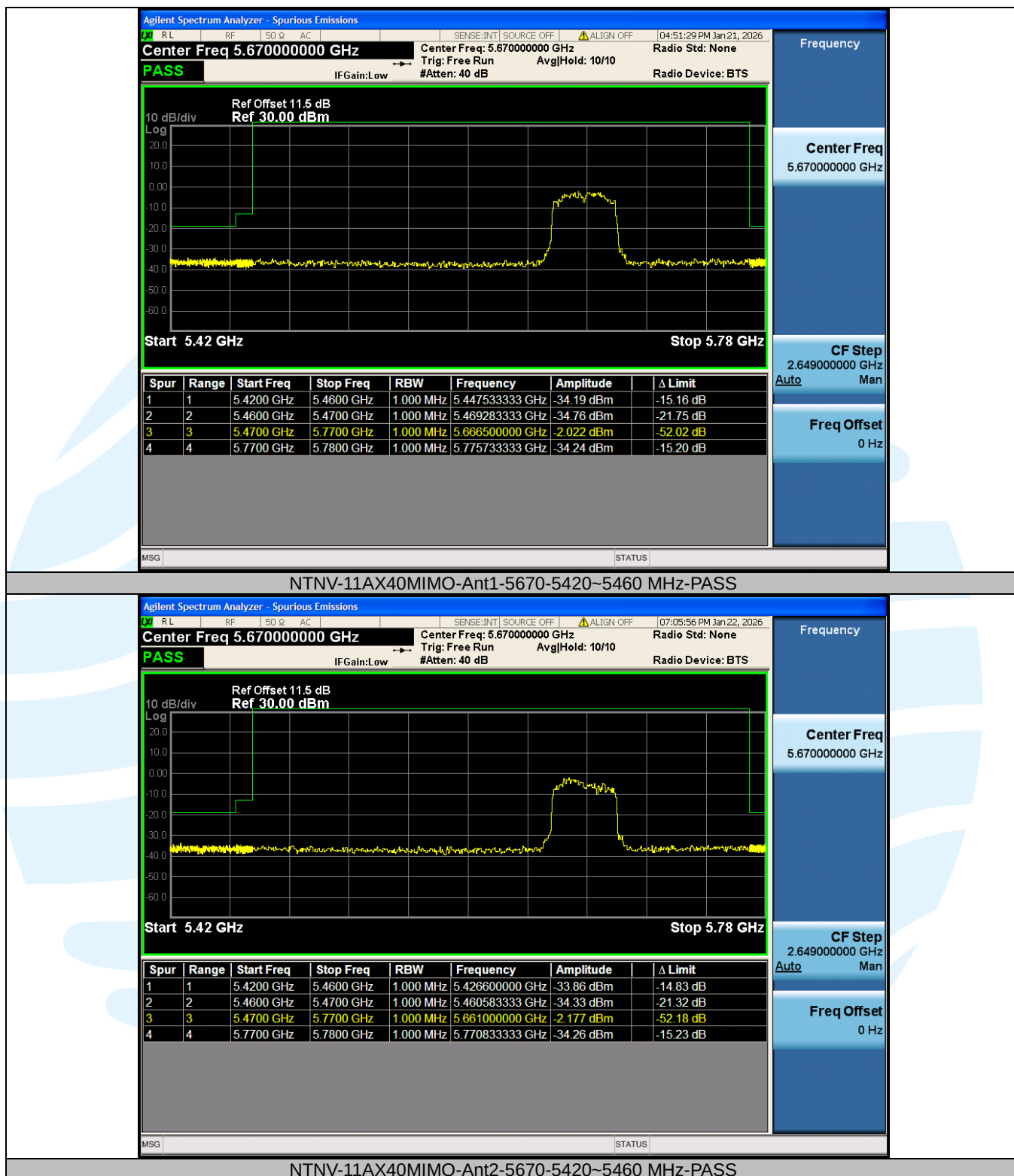










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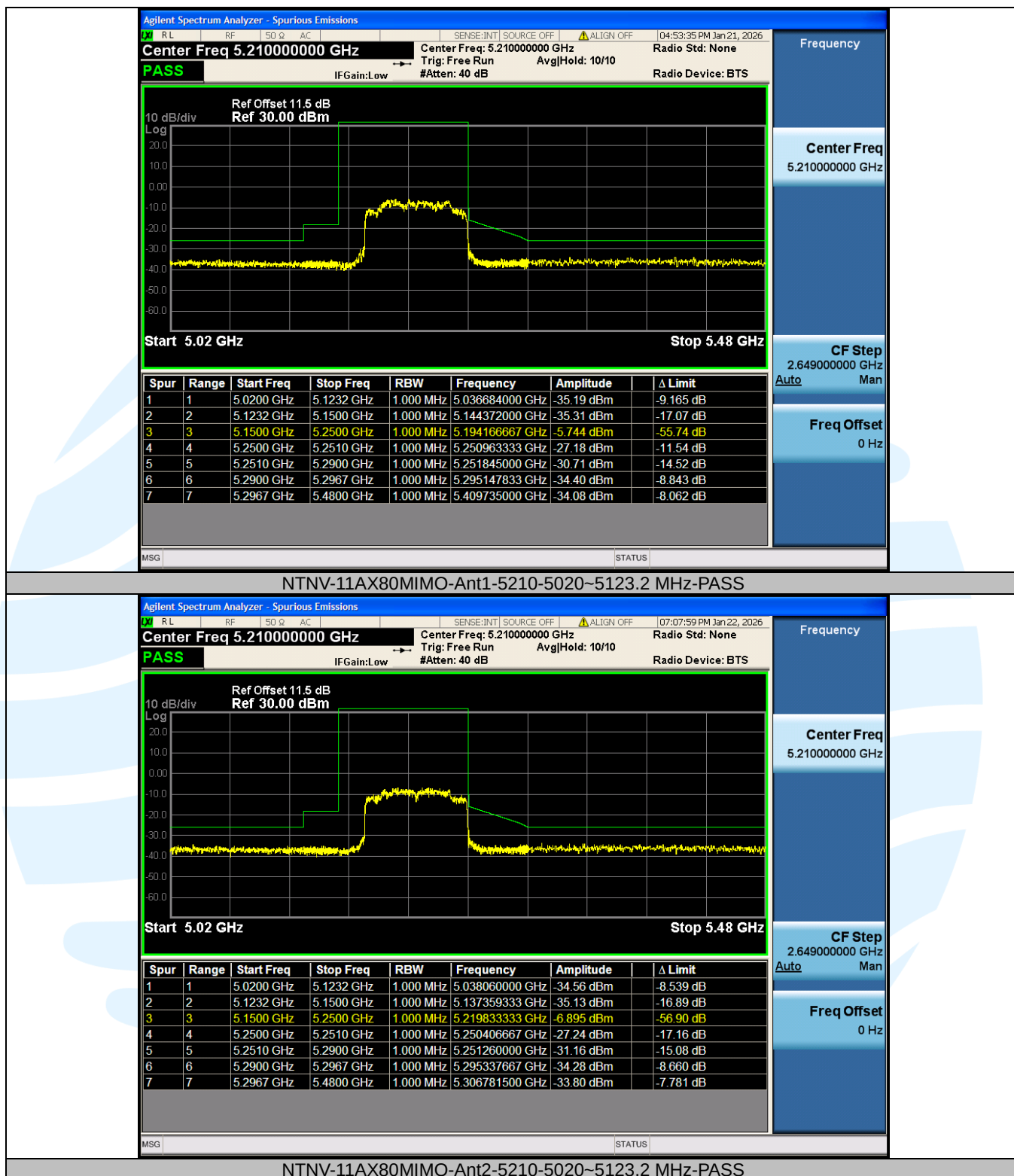
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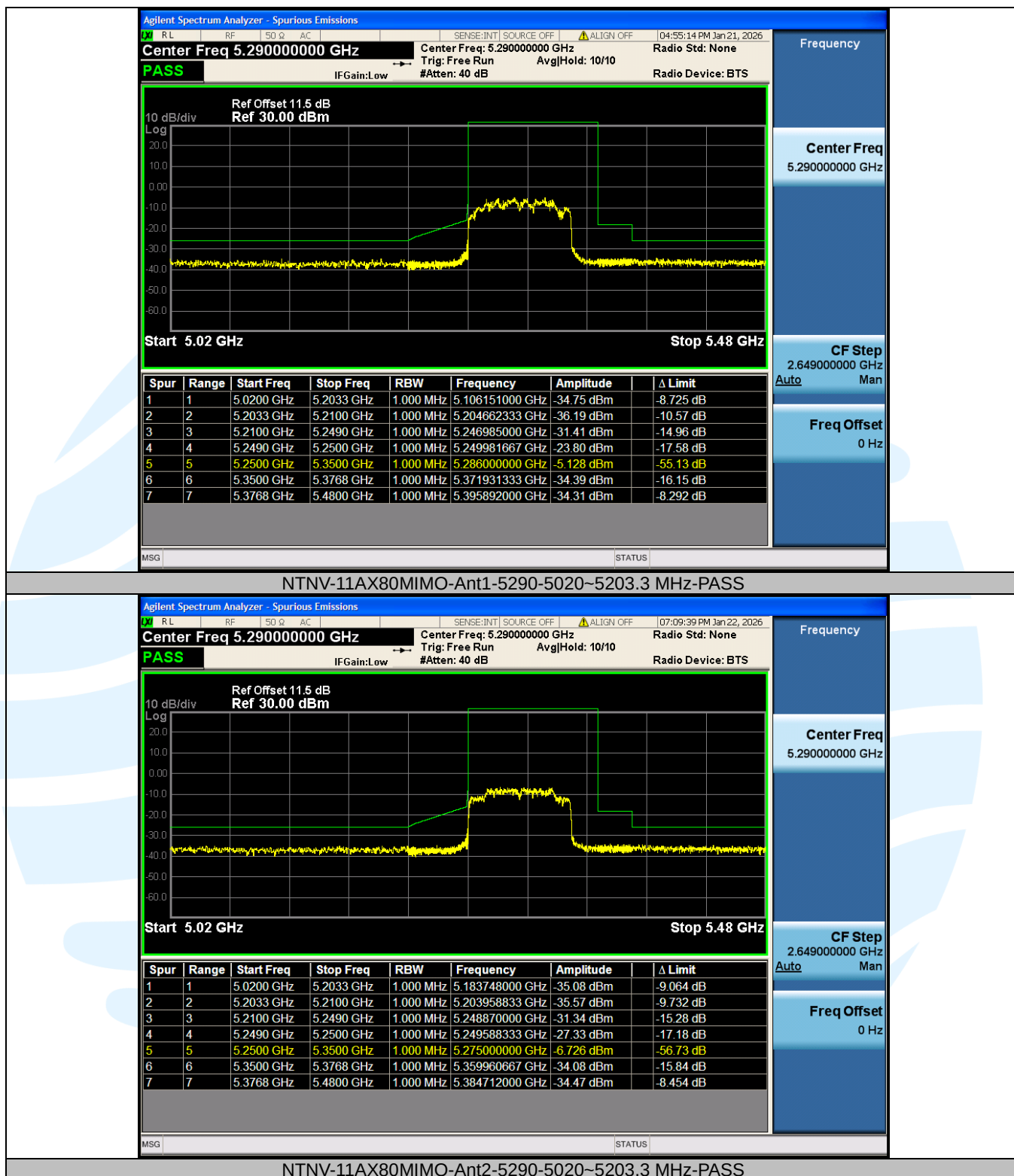
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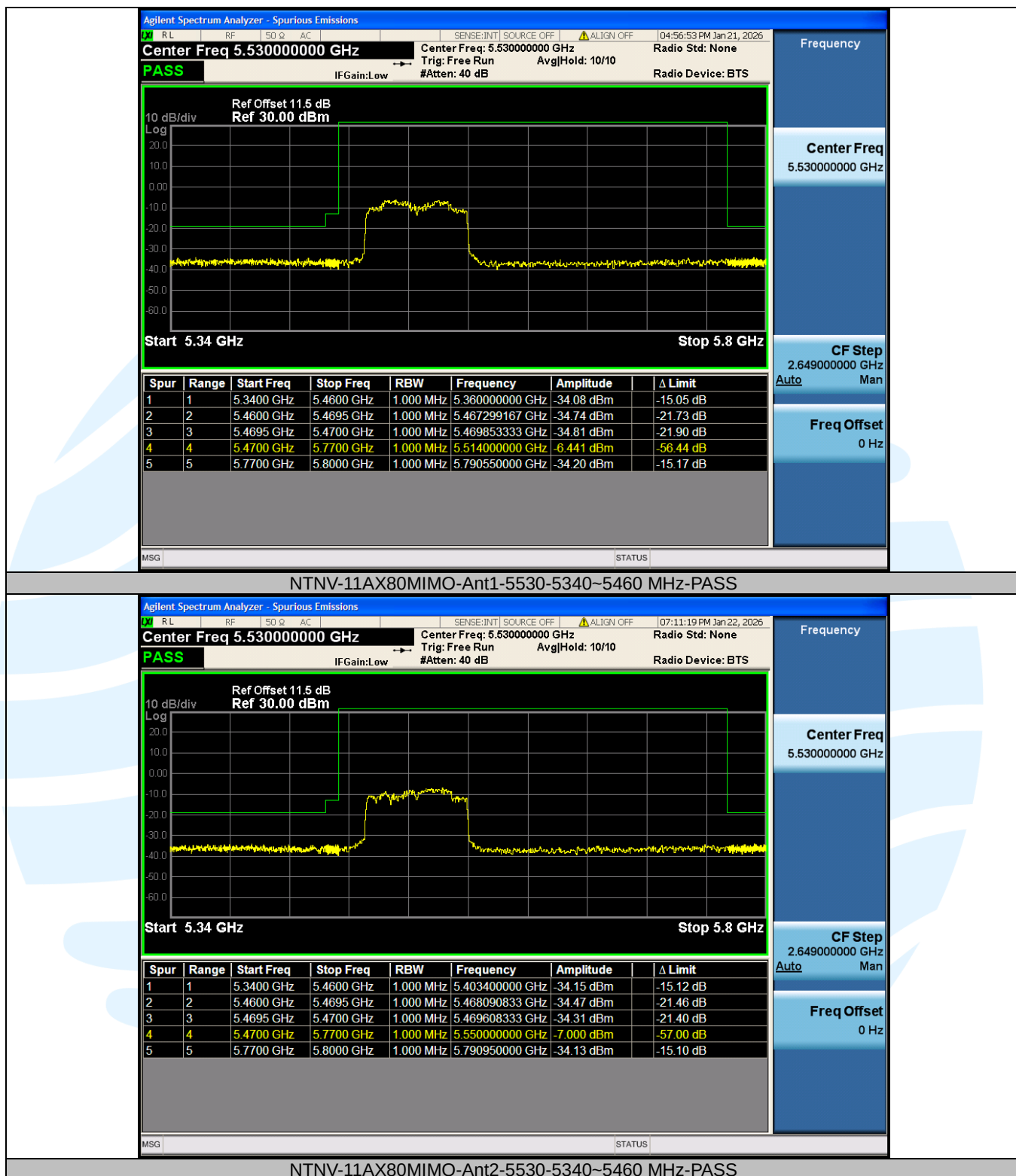
E-mail: info@uttlab.com

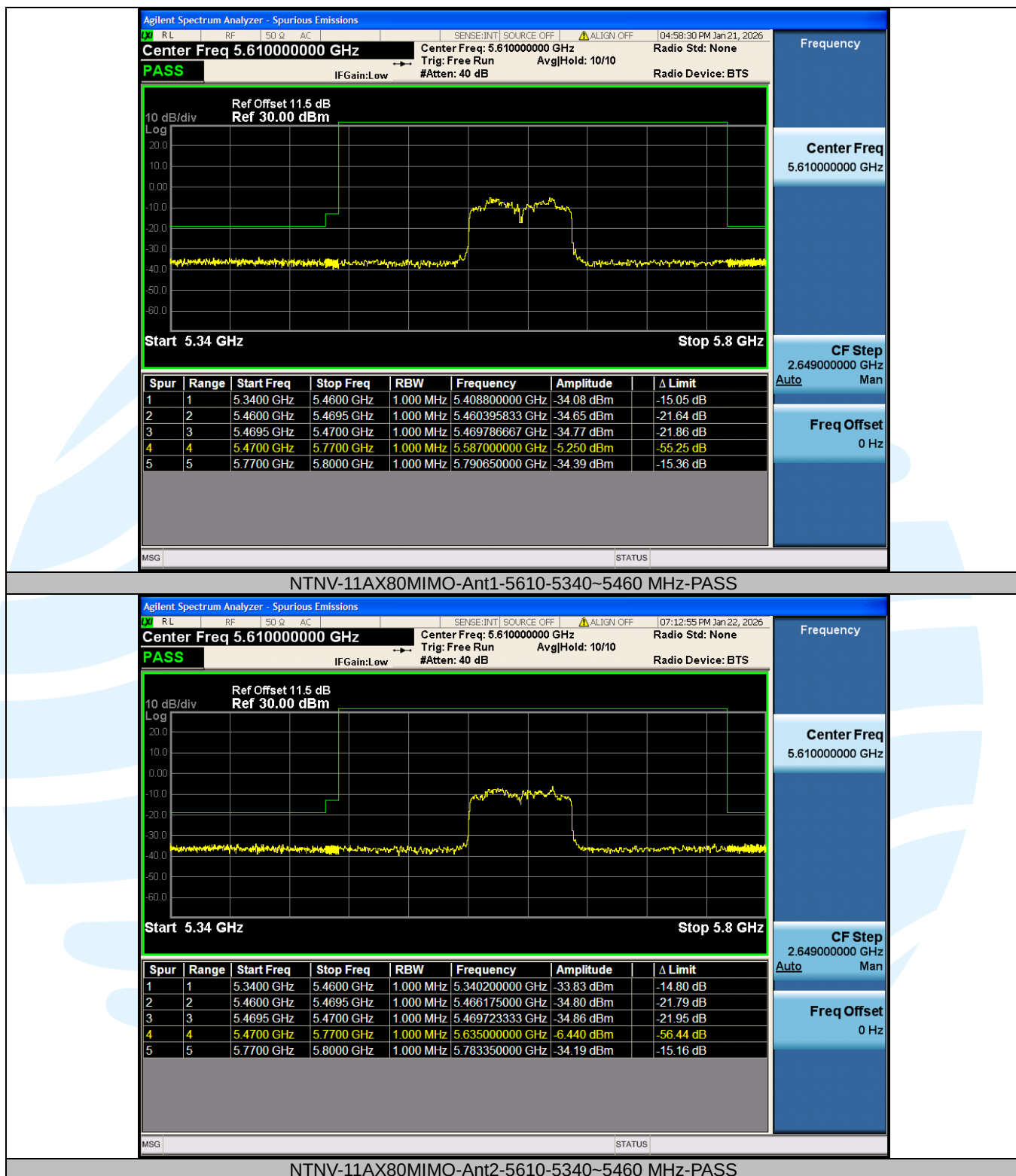
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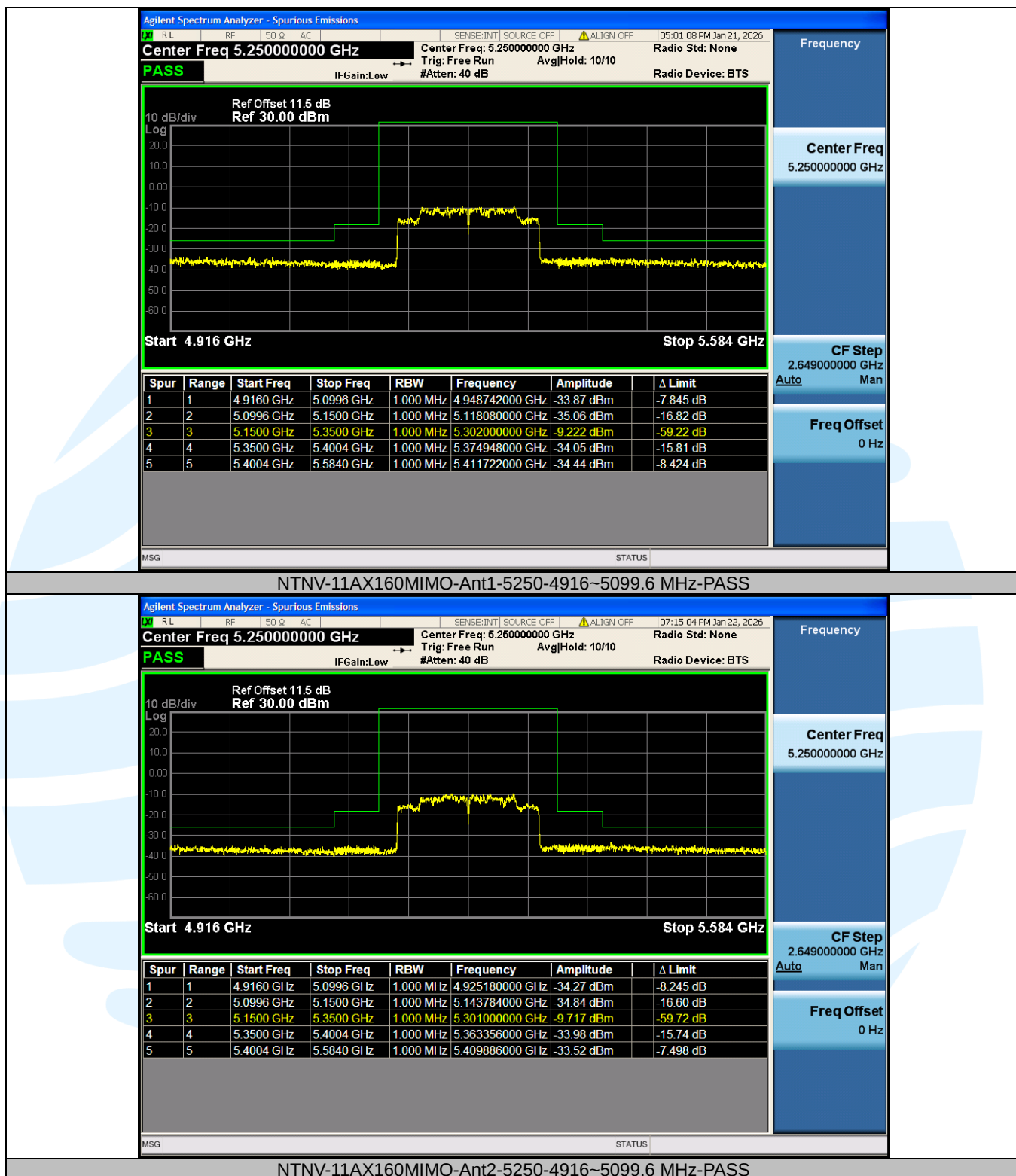
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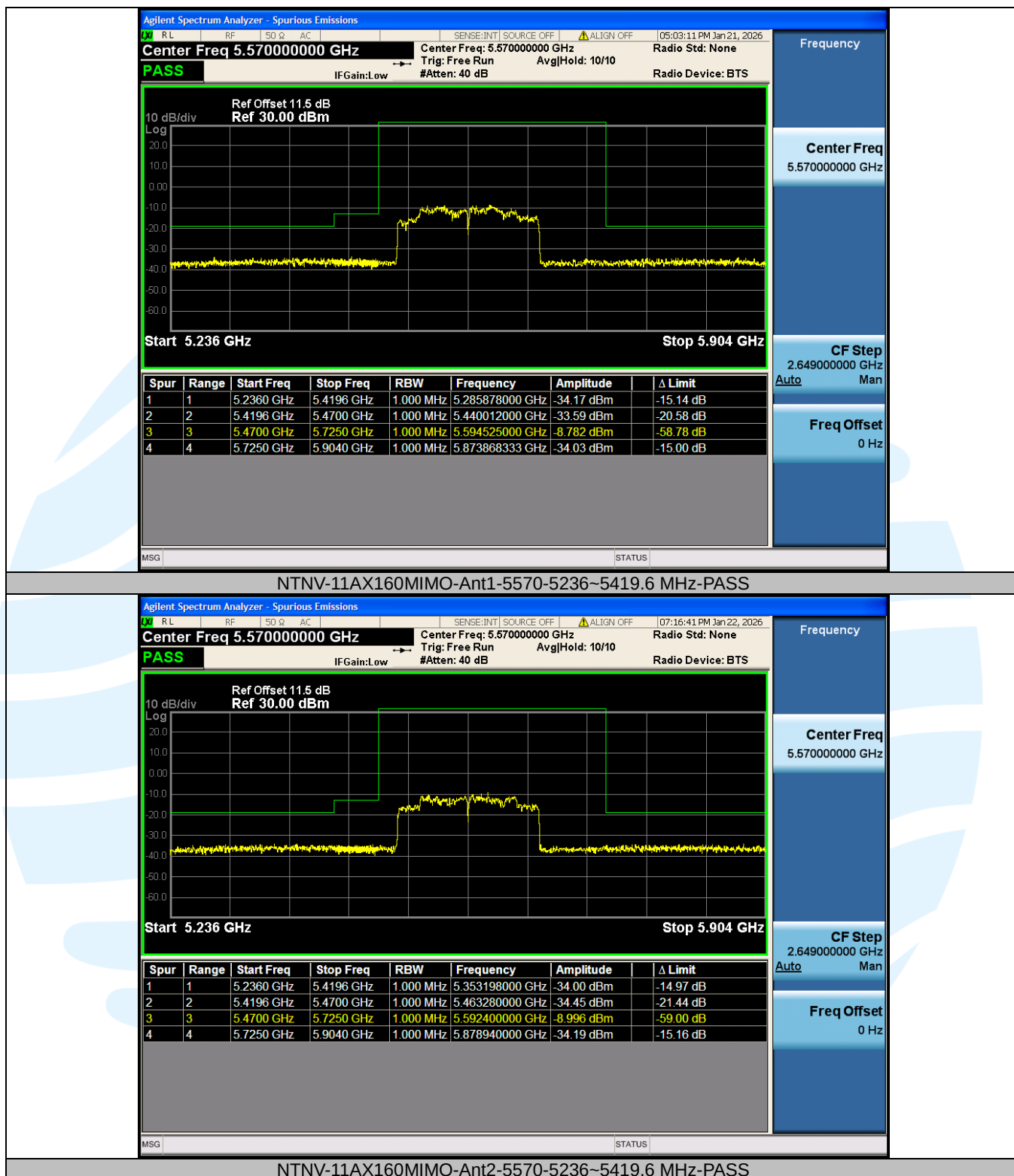










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5.9 ADJACENT CHANNEL EMITTED POWER

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	-56.87	≤-40	PASS
NTNV	11A	Ant2	5180	-40	-56.64	≤-40	PASS
NTNV	11A	Ant1	5180	-20	-33.14	≤-25	PASS
NTNV	11A	Ant2	5180	-20	-33.61	≤-25	PASS
NTNV	11A	Ant1	5180	+20	-32.90	≤-25	PASS
NTNV	11A	Ant2	5180	+20	-33.43	≤-25	PASS
NTNV	11A	Ant1	5180	+40	-53.50	≤-40	PASS
NTNV	11A	Ant2	5180	+40	-54.20	≤-40	PASS
NTNV	11A	Ant1	5220	-40	-56.79	≤-40	PASS
NTNV	11A	Ant2	5220	-40	-56.83	≤-40	PASS
NTNV	11A	Ant1	5220	-20	-33.85	≤-25	PASS
NTNV	11A	Ant2	5220	-20	-34.23	≤-25	PASS
NTNV	11A	Ant1	5220	+20	-33.12	≤-25	PASS
NTNV	11A	Ant2	5220	+20	-33.01	≤-25	PASS
NTNV	11A	Ant1	5220	+40	-53.10	≤-40	PASS
NTNV	11A	Ant2	5220	+40	-54.60	≤-40	PASS
NTNV	11A	Ant1	5240	-40	-56.86	≤-40	PASS
NTNV	11A	Ant2	5240	-40	-56.14	≤-40	PASS
NTNV	11A	Ant1	5240	-20	-33.51	≤-25	PASS
NTNV	11A	Ant2	5240	-20	-33.86	≤-25	PASS
NTNV	11A	Ant1	5240	+20	-32.78	≤-25	PASS
NTNV	11A	Ant2	5240	+20	-33.30	≤-25	PASS
NTNV	11A	Ant1	5240	+40	-53.60	≤-40	PASS
NTNV	11A	Ant2	5240	+40	-53.87	≤-40	PASS
NTNV	11A	Ant1	5260	-40	-57.10	≤-40	PASS
NTNV	11A	Ant2	5260	-40	-56.94	≤-40	PASS
NTNV	11A	Ant1	5260	-20	-33.49	≤-25	PASS
NTNV	11A	Ant2	5260	-20	-33.75	≤-25	PASS
NTNV	11A	Ant1	5260	+20	-33.39	≤-25	PASS
NTNV	11A	Ant2	5260	+20	-33.44	≤-25	PASS
NTNV	11A	Ant1	5260	+40	-53.68	≤-40	PASS
NTNV	11A	Ant2	5260	+40	-54.79	≤-40	PASS
NTNV	11A	Ant1	5300	-40	-56.53	≤-40	PASS
NTNV	11A	Ant2	5300	-40	-56.66	≤-40	PASS

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Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11A	Ant1	5300	-20	-34.00	≤-25	PASS
NTNV	11A	Ant2	5300	-20	-33.35	≤-25	PASS
NTNV	11A	Ant1	5300	+20	-33.04	≤-25	PASS
NTNV	11A	Ant2	5300	+20	-33.82	≤-25	PASS
NTNV	11A	Ant1	5300	+40	-52.90	≤-40	PASS
NTNV	11A	Ant2	5300	+40	-54.76	≤-40	PASS
NTNV	11A	Ant1	5320	-40	-56.38	≤-40	PASS
NTNV	11A	Ant2	5320	-40	-56.31	≤-40	PASS
NTNV	11A	Ant1	5320	-20	-33.84	≤-25	PASS
NTNV	11A	Ant2	5320	-20	-33.60	≤-25	PASS
NTNV	11A	Ant1	5320	+20	-33.51	≤-25	PASS
NTNV	11A	Ant2	5320	+20	-33.21	≤-25	PASS
NTNV	11A	Ant1	5320	+40	-53.02	≤-40	PASS
NTNV	11A	Ant2	5320	+40	-54.65	≤-40	PASS
NTNV	11A	Ant1	5500	-40	-56.55	≤-40	PASS
NTNV	11A	Ant2	5500	-40	-55.93	≤-40	PASS
NTNV	11A	Ant1	5500	-20	-33.40	≤-25	PASS
NTNV	11A	Ant2	5500	-20	-32.52	≤-25	PASS
NTNV	11A	Ant1	5500	+20	-33.91	≤-25	PASS
NTNV	11A	Ant2	5500	+20	-33.74	≤-25	PASS
NTNV	11A	Ant1	5500	+40	-54.37	≤-40	PASS
NTNV	11A	Ant2	5500	+40	-54.23	≤-40	PASS
NTNV	11A	Ant1	5600	-40	-57.09	≤-40	PASS
NTNV	11A	Ant2	5600	-40	-56.44	≤-40	PASS
NTNV	11A	Ant1	5600	-20	-33.04	≤-25	PASS
NTNV	11A	Ant2	5600	-20	-33.36	≤-25	PASS
NTNV	11A	Ant1	5600	+20	-33.14	≤-25	PASS
NTNV	11A	Ant2	5600	+20	-33.34	≤-25	PASS
NTNV	11A	Ant1	5600	+40	-54.31	≤-40	PASS
NTNV	11A	Ant2	5600	+40	-53.73	≤-40	PASS
NTNV	11A	Ant1	5700	-40	-56.94	≤-40	PASS
NTNV	11A	Ant2	5700	-40	-56.09	≤-40	PASS
NTNV	11A	Ant1	5700	-20	-33.20	≤-25	PASS
NTNV	11A	Ant2	5700	-20	-34.09	≤-25	PASS
NTNV	11A	Ant1	5700	+20	-33.34	≤-25	PASS
NTNV	11A	Ant2	5700	+20	-32.98	≤-25	PASS
NTNV	11A	Ant1	5700	+40	-53.99	≤-40	PASS
NTNV	11A	Ant2	5700	+40	-53.41	≤-40	PASS
NTNV	11N20MIMO	Ant1	5180	-40	-54.22	≤-40	PASS
NTNV	11N20MIMO	Ant2	5180	-40	-50.45	≤-40	PASS
NTNV	11N20MIMO	total	5180	-40	-52.02	≤-40	PASS
NTNV	11N20MIMO	Ant1	5180	-20	-32.65	≤-25	PASS
NTNV	11N20MIMO	Ant2	5180	-20	-32.72	≤-25	PASS
NTNV	11N20MIMO	total	5180	-20	-32.68	≤-25	PASS
NTNV	11N20MIMO	Ant1	5180	+20	-32.30	≤-25	PASS
NTNV	11N20MIMO	Ant2	5180	+20	-32.89	≤-25	PASS
NTNV	11N20MIMO	total	5180	+20	-32.57	≤-25	PASS
NTNV	11N20MIMO	Ant1	5180	+40	-52.68	≤-40	PASS
NTNV	11N20MIMO	Ant2	5180	+40	-49.67	≤-40	PASS
NTNV	11N20MIMO	total	5180	+40	-50.98	≤-40	PASS
NTNV	11N20MIMO	Ant1	5220	-40	-54.58	≤-40	PASS
NTNV	11N20MIMO	Ant2	5220	-40	-50.43	≤-40	PASS
NTNV	11N20MIMO	total	5220	-40	-52.13	≤-40	PASS
NTNV	11N20MIMO	Ant1	5220	-20	-33.29	≤-25	PASS
NTNV	11N20MIMO	Ant2	5220	-20	-32.61	≤-25	PASS
NTNV	11N20MIMO	total	5220	-20	-32.95	≤-25	PASS
NTNV	11N20MIMO	Ant1	5220	+20	-32.70	≤-25	PASS
NTNV	11N20MIMO	Ant2	5220	+20	-32.29	≤-25	PASS
NTNV	11N20MIMO	total	5220	+20	-32.50	≤-25	PASS
NTNV	11N20MIMO	Ant1	5220	+40	-52.76	≤-40	PASS
NTNV	11N20MIMO	Ant2	5220	+40	-49.17	≤-40	PASS

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Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11N20MIMO	total	5220	+40	-50.69	≤-40	PASS
NTNV	11N20MIMO	Ant1	5240	-40	-54.57	≤-40	PASS
NTNV	11N20MIMO	Ant2	5240	-40	-50.54	≤-40	PASS
NTNV	11N20MIMO	total	5240	-40	-52.21	≤-40	PASS
NTNV	11N20MIMO	Ant1	5240	-20	-33.57	≤-25	PASS
NTNV	11N20MIMO	Ant2	5240	-20	-33.17	≤-25	PASS
NTNV	11N20MIMO	total	5240	-20	-33.38	≤-25	PASS
NTNV	11N20MIMO	Ant1	5240	+20	-32.73	≤-25	PASS
NTNV	11N20MIMO	Ant2	5240	+20	-32.52	≤-25	PASS
NTNV	11N20MIMO	total	5240	+20	-32.63	≤-25	PASS
NTNV	11N20MIMO	Ant1	5240	+40	-52.98	≤-40	PASS
NTNV	11N20MIMO	Ant2	5240	+40	-49.29	≤-40	PASS
NTNV	11N20MIMO	total	5240	+40	-50.85	≤-40	PASS
NTNV	11N20MIMO	Ant1	5260	-40	-54.33	≤-40	PASS
NTNV	11N20MIMO	Ant2	5260	-40	-50.99	≤-40	PASS
NTNV	11N20MIMO	total	5260	-40	-52.45	≤-40	PASS
NTNV	11N20MIMO	Ant1	5260	-20	-33.07	≤-25	PASS
NTNV	11N20MIMO	Ant2	5260	-20	-33.19	≤-25	PASS
NTNV	11N20MIMO	total	5260	-20	-33.13	≤-25	PASS
NTNV	11N20MIMO	Ant1	5260	+20	-33.07	≤-25	PASS
NTNV	11N20MIMO	Ant2	5260	+20	-33.05	≤-25	PASS
NTNV	11N20MIMO	total	5260	+20	-33.06	≤-25	PASS
NTNV	11N20MIMO	Ant1	5260	+40	-52.32	≤-40	PASS
NTNV	11N20MIMO	Ant2	5260	+40	-49.71	≤-40	PASS
NTNV	11N20MIMO	total	5260	+40	-50.91	≤-40	PASS
NTNV	11N20MIMO	Ant1	5300	-40	-54.15	≤-40	PASS
NTNV	11N20MIMO	Ant2	5300	-40	-50.32	≤-40	PASS
NTNV	11N20MIMO	total	5300	-40	-51.97	≤-40	PASS
NTNV	11N20MIMO	Ant1	5300	-20	-33.26	≤-25	PASS
NTNV	11N20MIMO	Ant2	5300	-20	-32.53	≤-25	PASS
NTNV	11N20MIMO	total	5300	-20	-32.91	≤-25	PASS
NTNV	11N20MIMO	Ant1	5300	+20	-32.82	≤-25	PASS
NTNV	11N20MIMO	Ant2	5300	+20	-32.74	≤-25	PASS
NTNV	11N20MIMO	total	5300	+20	-32.78	≤-25	PASS
NTNV	11N20MIMO	Ant1	5300	+40	-52.00	≤-40	PASS
NTNV	11N20MIMO	Ant2	5300	+40	-49.69	≤-40	PASS
NTNV	11N20MIMO	total	5300	+40	-50.78	≤-40	PASS
NTNV	11N20MIMO	Ant1	5320	-40	-53.81	≤-40	PASS
NTNV	11N20MIMO	Ant2	5320	-40	-50.24	≤-40	PASS
NTNV	11N20MIMO	total	5320	-40	-51.82	≤-40	PASS
NTNV	11N20MIMO	Ant1	5320	-20	-33.53	≤-25	PASS
NTNV	11N20MIMO	Ant2	5320	-20	-32.86	≤-25	PASS
NTNV	11N20MIMO	total	5320	-20	-33.21	≤-25	PASS
NTNV	11N20MIMO	Ant1	5320	+20	-32.93	≤-25	PASS
NTNV	11N20MIMO	Ant2	5320	+20	-32.63	≤-25	PASS
NTNV	11N20MIMO	total	5320	+20	-32.79	≤-25	PASS
NTNV	11N20MIMO	Ant1	5320	+40	-52.53	≤-40	PASS
NTNV	11N20MIMO	Ant2	5320	+40	-49.70	≤-40	PASS
NTNV	11N20MIMO	total	5320	+40	-51.01	≤-40	PASS
NTNV	11N20MIMO	Ant1	5500	-40	-54.01	≤-40	PASS
NTNV	11N20MIMO	Ant2	5500	-40	-50.43	≤-40	PASS
NTNV	11N20MIMO	total	5500	-40	-52.01	≤-40	PASS
NTNV	11N20MIMO	Ant1	5500	-20	-32.73	≤-25	PASS
NTNV	11N20MIMO	Ant2	5500	-20	-32.73	≤-25	PASS
NTNV	11N20MIMO	total	5500	-20	-32.73	≤-25	PASS
NTNV	11N20MIMO	Ant1	5500	+20	-33.21	≤-25	PASS
NTNV	11N20MIMO	Ant2	5500	+20	-33.24	≤-25	PASS
NTNV	11N20MIMO	total	5500	+20	-33.23	≤-25	PASS
NTNV	11N20MIMO	Ant1	5500	+40	-53.70	≤-40	PASS
NTNV	11N20MIMO	Ant2	5500	+40	-49.94	≤-40	PASS
NTNV	11N20MIMO	total	5500	+40	-51.58	≤-40	PASS

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UTTR-RF-STD71-V1.1

Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11N20MIMO	Ant1	5600	-40	-54.53	≤-40	PASS
NTNV	11N20MIMO	Ant2	5600	-40	-50.72	≤-40	PASS
NTNV	11N20MIMO	total	5600	-40	-52.48	≤-40	PASS
NTNV	11N20MIMO	Ant1	5600	-20	-33.02	≤-25	PASS
NTNV	11N20MIMO	Ant2	5600	-20	-32.39	≤-25	PASS
NTNV	11N20MIMO	total	5600	-20	-32.74	≤-25	PASS
NTNV	11N20MIMO	Ant1	5600	+20	-33.70	≤-25	PASS
NTNV	11N20MIMO	Ant2	5600	+20	-32.46	≤-25	PASS
NTNV	11N20MIMO	total	5600	+20	-33.12	≤-25	PASS
NTNV	11N20MIMO	Ant1	5600	+40	-53.77	≤-40	PASS
NTNV	11N20MIMO	Ant2	5600	+40	-49.49	≤-40	PASS
NTNV	11N20MIMO	total	5600	+40	-51.42	≤-40	PASS
NTNV	11N20MIMO	Ant1	5700	-40	-54.59	≤-40	PASS
NTNV	11N20MIMO	Ant2	5700	-40	-50.54	≤-40	PASS
NTNV	11N20MIMO	total	5700	-40	-52.27	≤-40	PASS
NTNV	11N20MIMO	Ant1	5700	-20	-32.52	≤-25	PASS
NTNV	11N20MIMO	Ant2	5700	-20	-32.89	≤-25	PASS
NTNV	11N20MIMO	total	5700	-20	-32.68	≤-25	PASS
NTNV	11N20MIMO	Ant1	5700	+20	-33.16	≤-25	PASS
NTNV	11N20MIMO	Ant2	5700	+20	-32.45	≤-25	PASS
NTNV	11N20MIMO	total	5700	+20	-32.82	≤-25	PASS
NTNV	11N20MIMO	Ant1	5700	+40	-53.26	≤-40	PASS
NTNV	11N20MIMO	Ant2	5700	+40	-48.51	≤-40	PASS
NTNV	11N20MIMO	total	5700	+40	-50.45	≤-40	PASS
NTNV	11N40MIMO	Ant1	5190	-80	-51.17	≤-40	PASS
NTNV	11N40MIMO	Ant2	5190	-80	-49.72	≤-40	PASS
NTNV	11N40MIMO	total	5190	-80	-50.46	≤-40	PASS
NTNV	11N40MIMO	Ant1	5190	-40	-34.41	≤-25	PASS
NTNV	11N40MIMO	Ant2	5190	-40	-34.59	≤-25	PASS
NTNV	11N40MIMO	total	5190	-40	-34.50	≤-25	PASS
NTNV	11N40MIMO	Ant1	5190	+40	-34.44	≤-25	PASS
NTNV	11N40MIMO	Ant2	5190	+40	-34.26	≤-25	PASS
NTNV	11N40MIMO	total	5190	+40	-34.36	≤-25	PASS
NTNV	11N40MIMO	Ant1	5190	+80	-49.61	≤-40	PASS
NTNV	11N40MIMO	Ant2	5190	+80	-48.51	≤-40	PASS
NTNV	11N40MIMO	total	5190	+80	-49.08	≤-40	PASS
NTNV	11N40MIMO	Ant1	5230	-80	-51.32	≤-40	PASS
NTNV	11N40MIMO	Ant2	5230	-80	-49.76	≤-40	PASS
NTNV	11N40MIMO	total	5230	-80	-50.54	≤-40	PASS
NTNV	11N40MIMO	Ant1	5230	-40	-34.83	≤-25	PASS
NTNV	11N40MIMO	Ant2	5230	-40	-34.68	≤-25	PASS
NTNV	11N40MIMO	total	5230	-40	-34.76	≤-25	PASS
NTNV	11N40MIMO	Ant1	5230	+40	-33.81	≤-25	PASS
NTNV	11N40MIMO	Ant2	5230	+40	-35.00	≤-25	PASS
NTNV	11N40MIMO	total	5230	+40	-34.31	≤-25	PASS
NTNV	11N40MIMO	Ant1	5230	+80	-49.36	≤-40	PASS
NTNV	11N40MIMO	Ant2	5230	+80	-48.64	≤-40	PASS
NTNV	11N40MIMO	total	5230	+80	-49.02	≤-40	PASS
NTNV	11N40MIMO	Ant1	5270	-80	-51.34	≤-40	PASS
NTNV	11N40MIMO	Ant2	5270	-80	-50.16	≤-40	PASS
NTNV	11N40MIMO	total	5270	-80	-50.77	≤-40	PASS
NTNV	11N40MIMO	Ant1	5270	-40	-34.58	≤-25	PASS
NTNV	11N40MIMO	Ant2	5270	-40	-34.29	≤-25	PASS
NTNV	11N40MIMO	total	5270	-40	-34.45	≤-25	PASS
NTNV	11N40MIMO	Ant1	5270	+40	-33.50	≤-25	PASS
NTNV	11N40MIMO	Ant2	5270	+40	-33.93	≤-25	PASS
NTNV	11N40MIMO	total	5270	+40	-33.68	≤-25	PASS
NTNV	11N40MIMO	Ant1	5270	+80	-49.74	≤-40	PASS
NTNV	11N40MIMO	Ant2	5270	+80	-49.13	≤-40	PASS
NTNV	11N40MIMO	total	5270	+80	-49.46	≤-40	PASS
NTNV	11N40MIMO	Ant1	5310	-80	-51.32	≤-40	PASS

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UTTR-RF-STD71-V1.1

Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11N40MIMO	Ant2	5310	-80	-49.85	≤-40	PASS
NTNV	11N40MIMO	total	5310	-80	-50.61	≤-40	PASS
NTNV	11N40MIMO	Ant1	5310	-40	-34.50	≤-25	PASS
NTNV	11N40MIMO	Ant2	5310	-40	-33.92	≤-25	PASS
NTNV	11N40MIMO	total	5310	-40	-34.23	≤-25	PASS
NTNV	11N40MIMO	Ant1	5310	+40	-34.01	≤-25	PASS
NTNV	11N40MIMO	Ant2	5310	+40	-34.65	≤-25	PASS
NTNV	11N40MIMO	total	5310	+40	-34.28	≤-25	PASS
NTNV	11N40MIMO	Ant1	5310	+80	-49.68	≤-40	PASS
NTNV	11N40MIMO	Ant2	5310	+80	-49.22	≤-40	PASS
NTNV	11N40MIMO	total	5310	+80	-49.47	≤-40	PASS
NTNV	11N40MIMO	Ant1	5510	-80	-50.47	≤-40	PASS
NTNV	11N40MIMO	Ant2	5510	-80	-49.51	≤-40	PASS
NTNV	11N40MIMO	total	5510	-80	-50.04	≤-40	PASS
NTNV	11N40MIMO	Ant1	5510	-40	-33.93	≤-25	PASS
NTNV	11N40MIMO	Ant2	5510	-40	-33.30	≤-25	PASS
NTNV	11N40MIMO	total	5510	-40	-33.65	≤-25	PASS
NTNV	11N40MIMO	Ant1	5510	+40	-34.58	≤-25	PASS
NTNV	11N40MIMO	Ant2	5510	+40	-33.88	≤-25	PASS
NTNV	11N40MIMO	total	5510	+40	-34.27	≤-25	PASS
NTNV	11N40MIMO	Ant1	5510	+80	-51.44	≤-40	PASS
NTNV	11N40MIMO	Ant2	5510	+80	-50.42	≤-40	PASS
NTNV	11N40MIMO	total	5510	+80	-50.98	≤-40	PASS
NTNV	11N40MIMO	Ant1	5550	-80	-50.34	≤-40	PASS
NTNV	11N40MIMO	Ant2	5550	-80	-49.33	≤-40	PASS
NTNV	11N40MIMO	total	5550	-80	-49.89	≤-40	PASS
NTNV	11N40MIMO	Ant1	5550	-40	-34.10	≤-25	PASS
NTNV	11N40MIMO	Ant2	5550	-40	-34.39	≤-25	PASS
NTNV	11N40MIMO	total	5550	-40	-34.22	≤-25	PASS
NTNV	11N40MIMO	Ant1	5550	+40	-34.10	≤-25	PASS
NTNV	11N40MIMO	Ant2	5550	+40	-33.65	≤-25	PASS
NTNV	11N40MIMO	total	5550	+40	-33.91	≤-25	PASS
NTNV	11N40MIMO	Ant1	5550	+80	-51.19	≤-40	PASS
NTNV	11N40MIMO	Ant2	5550	+80	-49.87	≤-40	PASS
NTNV	11N40MIMO	total	5550	+80	-50.59	≤-40	PASS
NTNV	11N40MIMO	Ant1	5670	-80	-51.22	≤-40	PASS
NTNV	11N40MIMO	Ant2	5670	-80	-50.68	≤-40	PASS
NTNV	11N40MIMO	total	5670	-80	-50.98	≤-40	PASS
NTNV	11N40MIMO	Ant1	5670	-40	-34.31	≤-25	PASS
NTNV	11N40MIMO	Ant2	5670	-40	-34.21	≤-25	PASS
NTNV	11N40MIMO	total	5670	-40	-34.26	≤-25	PASS
NTNV	11N40MIMO	Ant1	5670	+40	-34.33	≤-25	PASS
NTNV	11N40MIMO	Ant2	5670	+40	-34.32	≤-25	PASS
NTNV	11N40MIMO	total	5670	+40	-34.32	≤-25	PASS
NTNV	11N40MIMO	Ant1	5670	+80	-50.79	≤-40	PASS
NTNV	11N40MIMO	Ant2	5670	+80	-49.83	≤-40	PASS
NTNV	11N40MIMO	total	5670	+80	-50.35	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5180	-40	-54.30	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5180	-40	-49.75	≤-40	PASS
NTNV	11AC20MIMO	total	5180	-40	-51.55	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5180	-20	-33.22	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5180	-20	-32.18	≤-25	PASS
NTNV	11AC20MIMO	total	5180	-20	-32.69	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5180	+20	-31.97	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5180	+20	-32.25	≤-25	PASS
NTNV	11AC20MIMO	total	5180	+20	-32.10	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5180	+40	-52.32	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5180	+40	-49.16	≤-40	PASS
NTNV	11AC20MIMO	total	5180	+40	-50.52	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5220	-40	-54.37	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5220	-40	-50.42	≤-40	PASS

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UTTR-RF-STD71-V1.1

Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11AC20MIMO	total	5220	-40	-52.04	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5220	-20	-33.36	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5220	-20	-32.24	≤-25	PASS
NTNV	11AC20MIMO	total	5220	-20	-32.78	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5220	+20	-32.76	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5220	+20	-32.28	≤-25	PASS
NTNV	11AC20MIMO	total	5220	+20	-32.52	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5220	+40	-52.57	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5220	+40	-49.24	≤-40	PASS
NTNV	11AC20MIMO	total	5220	+40	-50.66	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5240	-40	-54.43	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5240	-40	-50.53	≤-40	PASS
NTNV	11AC20MIMO	total	5240	-40	-52.15	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5240	-20	-33.03	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5240	-20	-32.88	≤-25	PASS
NTNV	11AC20MIMO	total	5240	-20	-32.96	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5240	+20	-32.89	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5240	+20	-32.53	≤-25	PASS
NTNV	11AC20MIMO	total	5240	+20	-32.72	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5240	+40	-52.58	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5240	+40	-49.36	≤-40	PASS
NTNV	11AC20MIMO	total	5240	+40	-50.76	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5260	-40	-54.40	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5260	-40	-50.60	≤-40	PASS
NTNV	11AC20MIMO	total	5260	-40	-52.16	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5260	-20	-33.15	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5260	-20	-33.25	≤-25	PASS
NTNV	11AC20MIMO	total	5260	-20	-33.20	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5260	+20	-32.56	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5260	+20	-32.89	≤-25	PASS
NTNV	11AC20MIMO	total	5260	+20	-32.72	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5260	+40	-52.35	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5260	+40	-49.23	≤-40	PASS
NTNV	11AC20MIMO	total	5260	+40	-50.56	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5300	-40	-53.47	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5300	-40	-50.14	≤-40	PASS
NTNV	11AC20MIMO	total	5300	-40	-51.61	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5300	-20	-33.41	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5300	-20	-32.71	≤-25	PASS
NTNV	11AC20MIMO	total	5300	-20	-33.07	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5300	+20	-32.25	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5300	+20	-32.78	≤-25	PASS
NTNV	11AC20MIMO	total	5300	+20	-32.48	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5300	+40	-51.87	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5300	+40	-49.67	≤-40	PASS
NTNV	11AC20MIMO	total	5300	+40	-50.71	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5320	-40	-53.78	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5320	-40	-50.40	≤-40	PASS
NTNV	11AC20MIMO	total	5320	-40	-51.91	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5320	-20	-33.27	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5320	-20	-33.15	≤-25	PASS
NTNV	11AC20MIMO	total	5320	-20	-33.22	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5320	+20	-32.62	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5320	+20	-32.75	≤-25	PASS
NTNV	11AC20MIMO	total	5320	+20	-32.68	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5320	+40	-52.36	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5320	+40	-49.76	≤-40	PASS
NTNV	11AC20MIMO	total	5320	+40	-50.98	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5500	-40	-53.99	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5500	-40	-50.03	≤-40	PASS
NTNV	11AC20MIMO	total	5500	-40	-51.76	≤-40	PASS

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UTTR-RF-STD71-V1.1

Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11AC20MIMO	Ant1	5500	-20	-33.31	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5500	-20	-32.23	≤-25	PASS
NTNV	11AC20MIMO	total	5500	-20	-32.79	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5500	+20	-32.81	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5500	+20	-33.02	≤-25	PASS
NTNV	11AC20MIMO	total	5500	+20	-32.90	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5500	+40	-53.33	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5500	+40	-49.71	≤-40	PASS
NTNV	11AC20MIMO	total	5500	+40	-51.32	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5600	-40	-54.53	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5600	-40	-50.67	≤-40	PASS
NTNV	11AC20MIMO	total	5600	-40	-52.46	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5600	-20	-33.22	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5600	-20	-32.54	≤-25	PASS
NTNV	11AC20MIMO	total	5600	-20	-32.92	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5600	+20	-33.51	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5600	+20	-32.27	≤-25	PASS
NTNV	11AC20MIMO	total	5600	+20	-32.94	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5600	+40	-53.76	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5600	+40	-49.02	≤-40	PASS
NTNV	11AC20MIMO	total	5600	+40	-51.10	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5700	-40	-54.32	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5700	-40	-50.53	≤-40	PASS
NTNV	11AC20MIMO	total	5700	-40	-52.14	≤-40	PASS
NTNV	11AC20MIMO	Ant1	5700	-20	-33.43	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5700	-20	-32.49	≤-25	PASS
NTNV	11AC20MIMO	total	5700	-20	-32.97	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5700	+20	-32.83	≤-25	PASS
NTNV	11AC20MIMO	Ant2	5700	+20	-32.82	≤-25	PASS
NTNV	11AC20MIMO	total	5700	+20	-32.83	≤-25	PASS
NTNV	11AC20MIMO	Ant1	5700	+40	-52.99	≤-40	PASS
NTNV	11AC20MIMO	Ant2	5700	+40	-48.99	≤-40	PASS
NTNV	11AC20MIMO	total	5700	+40	-50.67	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5190	-80	-51.26	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5190	-80	-50.09	≤-40	PASS
NTNV	11AC40MIMO	total	5190	-80	-50.67	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5190	-40	-33.78	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5190	-40	-33.94	≤-25	PASS
NTNV	11AC40MIMO	total	5190	-40	-33.85	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5190	+40	-34.14	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5190	+40	-34.09	≤-25	PASS
NTNV	11AC40MIMO	total	5190	+40	-34.11	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5190	+80	-49.44	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5190	+80	-48.96	≤-40	PASS
NTNV	11AC40MIMO	total	5190	+80	-49.20	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5230	-80	-51.15	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5230	-80	-50.03	≤-40	PASS
NTNV	11AC40MIMO	total	5230	-80	-50.59	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5230	-40	-34.15	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5230	-40	-34.06	≤-25	PASS
NTNV	11AC40MIMO	total	5230	-40	-34.11	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5230	+40	-33.71	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5230	+40	-33.17	≤-25	PASS
NTNV	11AC40MIMO	total	5230	+40	-33.45	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5230	+80	-49.14	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5230	+80	-48.78	≤-40	PASS
NTNV	11AC40MIMO	total	5230	+80	-48.97	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5270	-80	-51.66	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5270	-80	-50.43	≤-40	PASS
NTNV	11AC40MIMO	total	5270	-80	-51.04	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5270	-40	-33.96	≤-25	PASS

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UTTR-RF-STD71-V1.1

Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11AC40MIMO	Ant2	5270	-40	-33.57	≤-25	PASS
NTNV	11AC40MIMO	total	5270	-40	-33.77	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5270	+40	-33.82	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5270	+40	-33.83	≤-25	PASS
NTNV	11AC40MIMO	total	5270	+40	-33.82	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5270	+80	-49.58	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5270	+80	-49.34	≤-40	PASS
NTNV	11AC40MIMO	total	5270	+80	-49.47	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5310	-80	-51.11	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5310	-80	-49.90	≤-40	PASS
NTNV	11AC40MIMO	total	5310	-80	-50.52	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5310	-40	-34.84	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5310	-40	-33.78	≤-25	PASS
NTNV	11AC40MIMO	total	5310	-40	-34.33	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5310	+40	-33.96	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5310	+40	-33.43	≤-25	PASS
NTNV	11AC40MIMO	total	5310	+40	-33.71	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5310	+80	-49.31	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5310	+80	-49.29	≤-40	PASS
NTNV	11AC40MIMO	total	5310	+80	-49.31	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5510	-80	-50.55	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5510	-80	-49.81	≤-40	PASS
NTNV	11AC40MIMO	total	5510	-80	-50.21	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5510	-40	-33.88	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5510	-40	-33.82	≤-25	PASS
NTNV	11AC40MIMO	total	5510	-40	-33.85	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5510	+40	-34.56	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5510	+40	-34.74	≤-25	PASS
NTNV	11AC40MIMO	total	5510	+40	-34.64	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5510	+80	-51.45	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5510	+80	-51.01	≤-40	PASS
NTNV	11AC40MIMO	total	5510	+80	-51.25	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5550	-80	-50.49	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5550	-80	-49.59	≤-40	PASS
NTNV	11AC40MIMO	total	5550	-80	-50.08	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5550	-40	-33.85	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5550	-40	-33.96	≤-25	PASS
NTNV	11AC40MIMO	total	5550	-40	-33.89	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5550	+40	-34.34	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5550	+40	-33.78	≤-25	PASS
NTNV	11AC40MIMO	total	5550	+40	-34.09	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5550	+80	-51.36	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5550	+80	-50.32	≤-40	PASS
NTNV	11AC40MIMO	total	5550	+80	-50.89	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5670	-80	-50.99	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5670	-80	-50.75	≤-40	PASS
NTNV	11AC40MIMO	total	5670	-80	-50.88	≤-40	PASS
NTNV	11AC40MIMO	Ant1	5670	-40	-33.68	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5670	-40	-34.36	≤-25	PASS
NTNV	11AC40MIMO	total	5670	-40	-33.97	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5670	+40	-34.10	≤-25	PASS
NTNV	11AC40MIMO	Ant2	5670	+40	-33.68	≤-25	PASS
NTNV	11AC40MIMO	total	5670	+40	-33.90	≤-25	PASS
NTNV	11AC40MIMO	Ant1	5670	+80	-50.31	≤-40	PASS
NTNV	11AC40MIMO	Ant2	5670	+80	-49.90	≤-40	PASS
NTNV	11AC40MIMO	total	5670	+80	-50.12	≤-40	PASS
NTNV	11AC80MIMO	Ant1	5210	-80	-35.34	≤-25	PASS
NTNV	11AC80MIMO	Ant2	5210	-80	-34.97	≤-25	PASS
NTNV	11AC80MIMO	total	5210	-80	-35.16	≤-25	PASS
NTNV	11AC80MIMO	Ant1	5210	+80	-34.61	≤-25	PASS
NTNV	11AC80MIMO	Ant2	5210	+80	-34.82	≤-25	PASS

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Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11AC80MIMO	total	5210	+80	-34.70	≤-25	PASS
NTNV	11AC80MIMO	Ant1	5290	-80	-35.16	≤-25	PASS
NTNV	11AC80MIMO	Ant2	5290	-80	-35.11	≤-25	PASS
NTNV	11AC80MIMO	total	5290	-80	-35.13	≤-25	PASS
NTNV	11AC80MIMO	Ant1	5290	+80	-35.24	≤-25	PASS
NTNV	11AC80MIMO	Ant2	5290	+80	-35.33	≤-25	PASS
NTNV	11AC80MIMO	total	5290	+80	-35.28	≤-25	PASS
NTNV	11AC80MIMO	Ant1	5530	-80	-34.73	≤-25	PASS
NTNV	11AC80MIMO	Ant2	5530	-80	-34.66	≤-25	PASS
NTNV	11AC80MIMO	total	5530	-80	-34.69	≤-25	PASS
NTNV	11AC80MIMO	Ant1	5530	+80	-36.09	≤-25	PASS
NTNV	11AC80MIMO	Ant2	5530	+80	-35.46	≤-25	PASS
NTNV	11AC80MIMO	total	5530	+80	-35.79	≤-25	PASS
NTNV	11AC80MIMO	Ant1	5610	-80	-34.49	≤-25	PASS
NTNV	11AC80MIMO	Ant2	5610	-80	-35.51	≤-25	PASS
NTNV	11AC80MIMO	total	5610	-80	-34.92	≤-25	PASS
NTNV	11AC80MIMO	Ant1	5610	+80	-35.91	≤-25	PASS
NTNV	11AC80MIMO	Ant2	5610	+80	-34.90	≤-25	PASS
NTNV	11AC80MIMO	total	5610	+80	-35.43	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5180	-40	-53.43	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5180	-40	-49.85	≤-40	PASS
NTNV	11AX20MIMO	total	5180	-40	-51.35	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5180	-20	-29.81	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5180	-20	-29.92	≤-25	PASS
NTNV	11AX20MIMO	total	5180	-20	-29.86	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5180	+20	-29.25	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5180	+20	-30.08	≤-25	PASS
NTNV	11AX20MIMO	total	5180	+20	-29.63	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5180	+40	-51.86	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5180	+40	-48.87	≤-40	PASS
NTNV	11AX20MIMO	total	5180	+40	-50.17	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5220	-40	-53.65	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5220	-40	-50.12	≤-40	PASS
NTNV	11AX20MIMO	total	5220	-40	-51.62	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5220	-20	-30.19	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5220	-20	-30.37	≤-25	PASS
NTNV	11AX20MIMO	total	5220	-20	-30.28	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5220	+20	-29.58	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5220	+20	-29.26	≤-25	PASS
NTNV	11AX20MIMO	total	5220	+20	-29.43	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5220	+40	-51.84	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5220	+40	-49.00	≤-40	PASS
NTNV	11AX20MIMO	total	5220	+40	-50.26	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5240	-40	-53.92	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5240	-40	-50.32	≤-40	PASS
NTNV	11AX20MIMO	total	5240	-40	-51.89	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5240	-20	-30.07	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5240	-20	-29.65	≤-25	PASS
NTNV	11AX20MIMO	total	5240	-20	-29.87	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5240	+20	-29.58	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5240	+20	-29.23	≤-25	PASS
NTNV	11AX20MIMO	total	5240	+20	-29.41	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5240	+40	-52.03	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5240	+40	-48.72	≤-40	PASS
NTNV	11AX20MIMO	total	5240	+40	-50.19	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5260	-40	-53.77	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5260	-40	-50.54	≤-40	PASS
NTNV	11AX20MIMO	total	5260	-40	-51.97	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5260	-20	-30.09	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5260	-20	-30.01	≤-25	PASS
NTNV	11AX20MIMO	total	5260	-20	-30.05	≤-25	PASS

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UTTR-RF-STD71-V1.1

Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11AX20MIMO	Ant1	5260	+20	-30.11	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5260	+20	-27.85	≤-25	PASS
NTNV	11AX20MIMO	total	5260	+20	-28.91	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5260	+40	-52.13	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5260	+40	-49.23	≤-40	PASS
NTNV	11AX20MIMO	total	5260	+40	-50.54	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5300	-40	-53.35	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5300	-40	-50.47	≤-40	PASS
NTNV	11AX20MIMO	total	5300	-40	-51.80	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5300	-20	-30.61	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5300	-20	-30.83	≤-25	PASS
NTNV	11AX20MIMO	total	5300	-20	-30.71	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5300	+20	-30.01	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5300	+20	-30.04	≤-25	PASS
NTNV	11AX20MIMO	total	5300	+20	-30.02	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5300	+40	-51.66	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5300	+40	-49.59	≤-40	PASS
NTNV	11AX20MIMO	total	5300	+40	-50.59	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5320	-40	-52.91	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5320	-40	-49.85	≤-40	PASS
NTNV	11AX20MIMO	total	5320	-40	-51.24	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5320	-20	-29.41	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5320	-20	-28.98	≤-25	PASS
NTNV	11AX20MIMO	total	5320	-20	-29.21	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5320	+20	-29.54	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5320	+20	-29.69	≤-25	PASS
NTNV	11AX20MIMO	total	5320	+20	-29.61	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5320	+40	-51.76	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5320	+40	-49.23	≤-40	PASS
NTNV	11AX20MIMO	total	5320	+40	-50.42	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5500	-40	-53.38	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5500	-40	-50.02	≤-40	PASS
NTNV	11AX20MIMO	total	5500	-40	-51.62	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5500	-20	-30.06	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5500	-20	-29.32	≤-25	PASS
NTNV	11AX20MIMO	total	5500	-20	-29.73	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5500	+20	-29.68	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5500	+20	-29.58	≤-25	PASS
NTNV	11AX20MIMO	total	5500	+20	-29.64	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5500	+40	-53.20	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5500	+40	-50.31	≤-40	PASS
NTNV	11AX20MIMO	total	5500	+40	-51.73	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5600	-40	-54.16	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5600	-40	-50.34	≤-40	PASS
NTNV	11AX20MIMO	total	5600	-40	-52.15	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5600	-20	-30.41	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5600	-20	-30.09	≤-25	PASS
NTNV	11AX20MIMO	total	5600	-20	-30.27	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5600	+20	-30.27	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5600	+20	-29.62	≤-25	PASS
NTNV	11AX20MIMO	total	5600	+20	-29.98	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5600	+40	-53.18	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5600	+40	-49.15	≤-40	PASS
NTNV	11AX20MIMO	total	5600	+40	-51.04	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5700	-40	-53.74	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5700	-40	-50.77	≤-40	PASS
NTNV	11AX20MIMO	total	5700	-40	-52.14	≤-40	PASS
NTNV	11AX20MIMO	Ant1	5700	-20	-30.51	≤-25	PASS
NTNV	11AX20MIMO	Ant2	5700	-20	-30.24	≤-25	PASS
NTNV	11AX20MIMO	total	5700	-20	-30.38	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5700	+20	-30.09	≤-25	PASS

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UTTR-RF-STD71-V1.1

Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11AX20MIMO	Ant2	5700	+20	-30.12	≤-25	PASS
NTNV	11AX20MIMO	total	5700	+20	-30.10	≤-25	PASS
NTNV	11AX20MIMO	Ant1	5700	+40	-52.52	≤-40	PASS
NTNV	11AX20MIMO	Ant2	5700	+40	-48.67	≤-40	PASS
NTNV	11AX20MIMO	total	5700	+40	-50.35	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5190	-80	-50.56	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5190	-80	-49.40	≤-40	PASS
NTNV	11AX40MIMO	total	5190	-80	-49.98	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5190	-40	-34.35	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5190	-40	-35.09	≤-25	PASS
NTNV	11AX40MIMO	total	5190	-40	-34.69	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5190	+40	-33.80	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5190	+40	-34.42	≤-25	PASS
NTNV	11AX40MIMO	total	5190	+40	-34.09	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5190	+80	-49.08	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5190	+80	-48.38	≤-40	PASS
NTNV	11AX40MIMO	total	5190	+80	-48.74	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5230	-80	-50.71	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5230	-80	-49.45	≤-40	PASS
NTNV	11AX40MIMO	total	5230	-80	-50.09	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5230	-40	-34.34	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5230	-40	-33.73	≤-25	PASS
NTNV	11AX40MIMO	total	5230	-40	-34.05	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5230	+40	-33.34	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5230	+40	-33.42	≤-25	PASS
NTNV	11AX40MIMO	total	5230	+40	-33.38	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5230	+80	-48.88	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5230	+80	-47.91	≤-40	PASS
NTNV	11AX40MIMO	total	5230	+80	-48.41	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5270	-80	-51.13	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5270	-80	-50.03	≤-40	PASS
NTNV	11AX40MIMO	total	5270	-80	-50.60	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5270	-40	-34.66	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5270	-40	-33.82	≤-25	PASS
NTNV	11AX40MIMO	total	5270	-40	-34.26	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5270	+40	-33.55	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5270	+40	-34.67	≤-25	PASS
NTNV	11AX40MIMO	total	5270	+40	-34.03	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5270	+80	-49.17	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5270	+80	-48.68	≤-40	PASS
NTNV	11AX40MIMO	total	5270	+80	-48.94	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5310	-80	-50.69	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5310	-80	-49.49	≤-40	PASS
NTNV	11AX40MIMO	total	5310	-80	-50.11	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5310	-40	-34.19	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5310	-40	-33.97	≤-25	PASS
NTNV	11AX40MIMO	total	5310	-40	-34.09	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5310	+40	-34.06	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5310	+40	-34.89	≤-25	PASS
NTNV	11AX40MIMO	total	5310	+40	-34.41	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5310	+80	-49.13	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5310	+80	-48.69	≤-40	PASS
NTNV	11AX40MIMO	total	5310	+80	-48.93	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5510	-80	-50.26	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5510	-80	-49.51	≤-40	PASS
NTNV	11AX40MIMO	total	5510	-80	-49.92	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5510	-40	-34.09	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5510	-40	-34.34	≤-25	PASS
NTNV	11AX40MIMO	total	5510	-40	-34.20	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5510	+40	-34.37	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5510	+40	-34.05	≤-25	PASS

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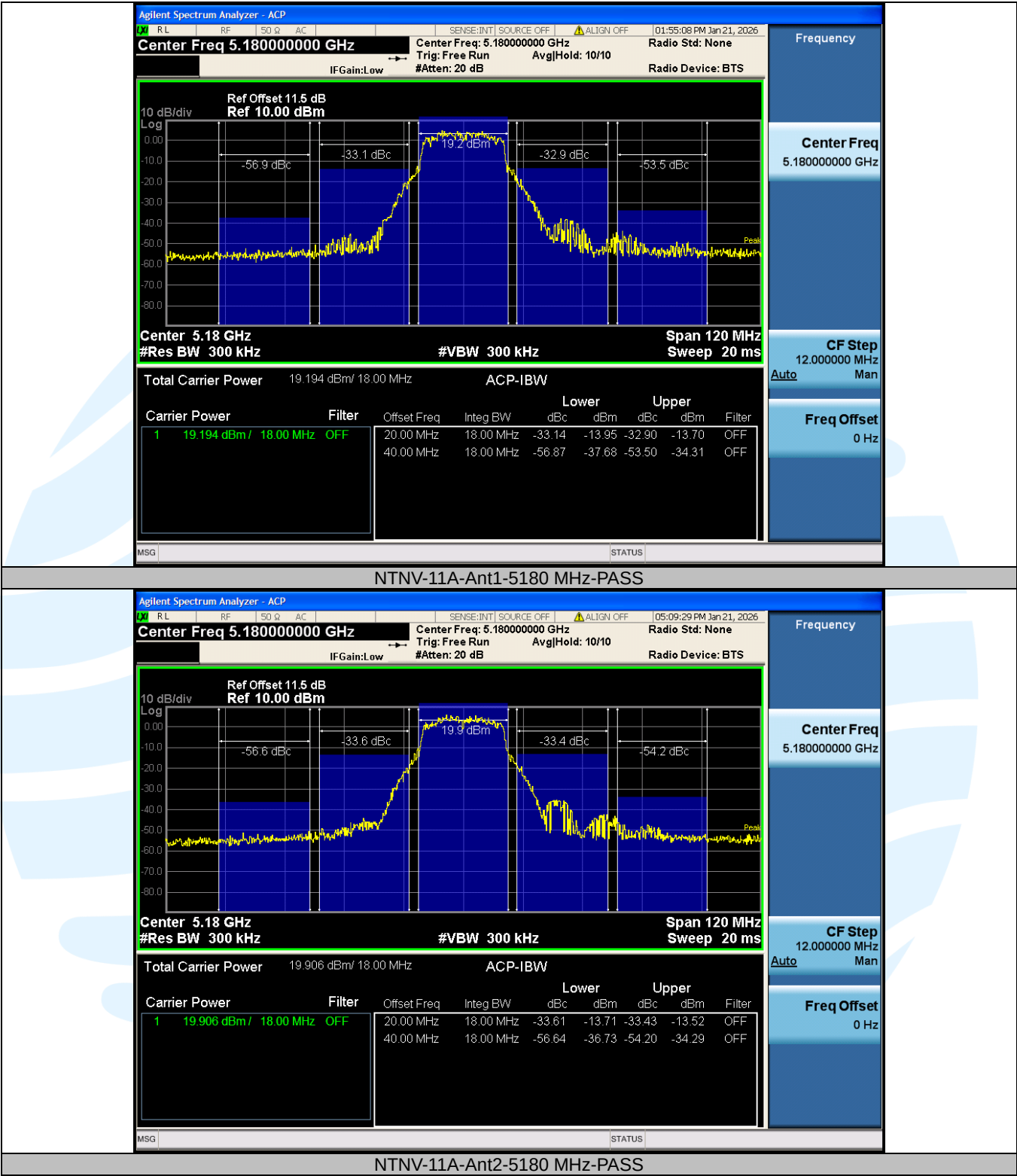
Fax: +86-755-28230886

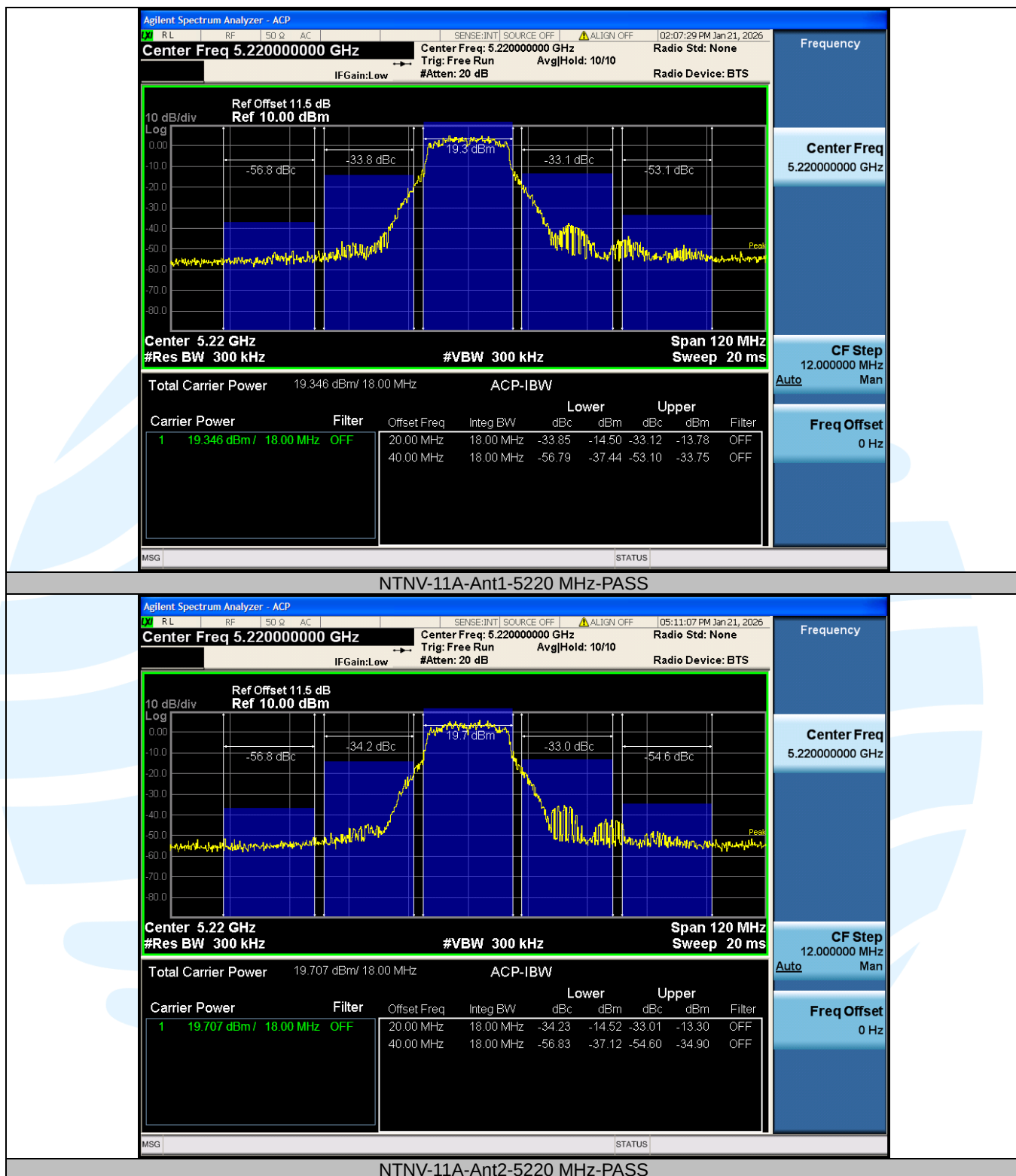
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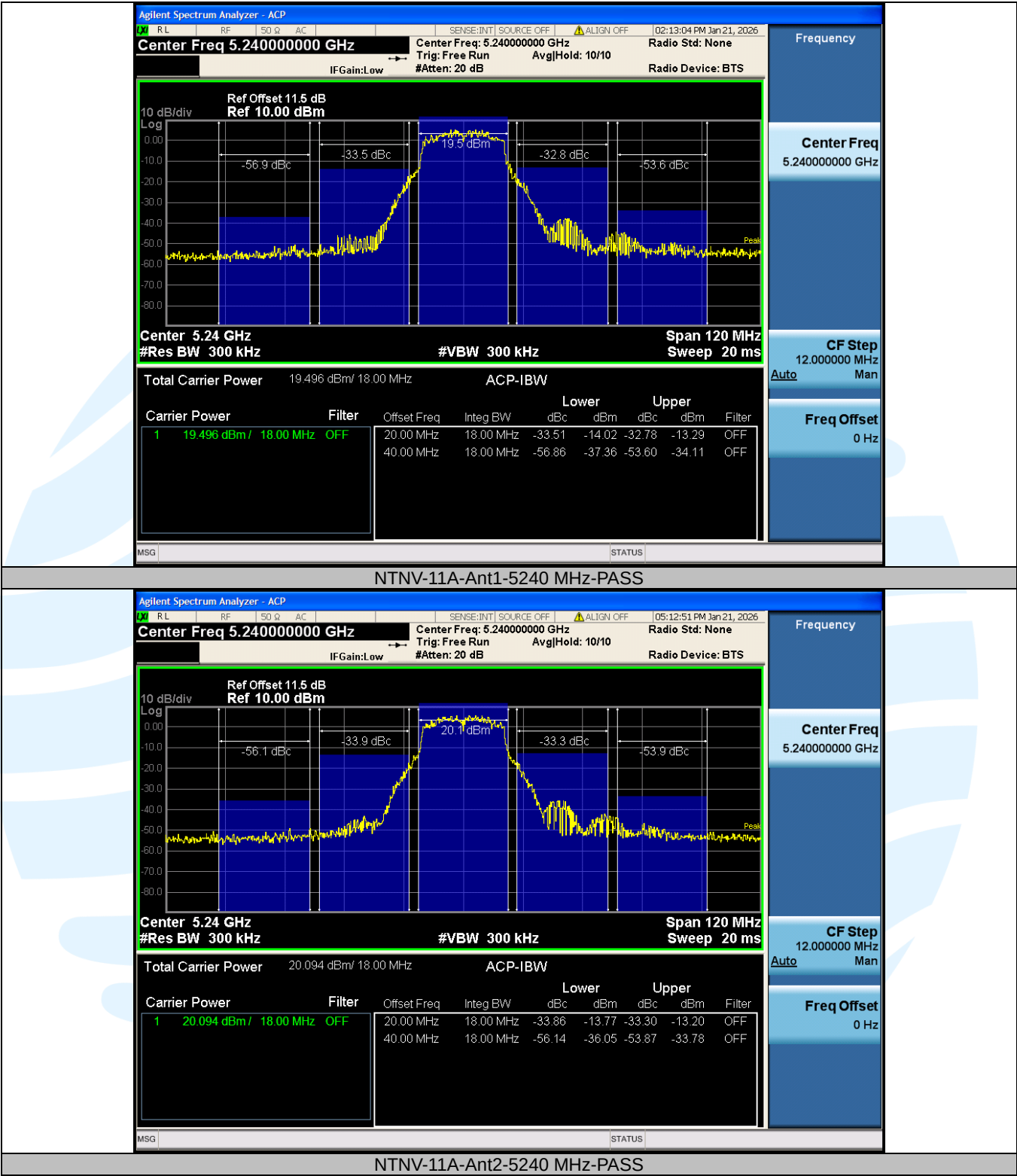
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UTTR-RF-STD71-V1.1

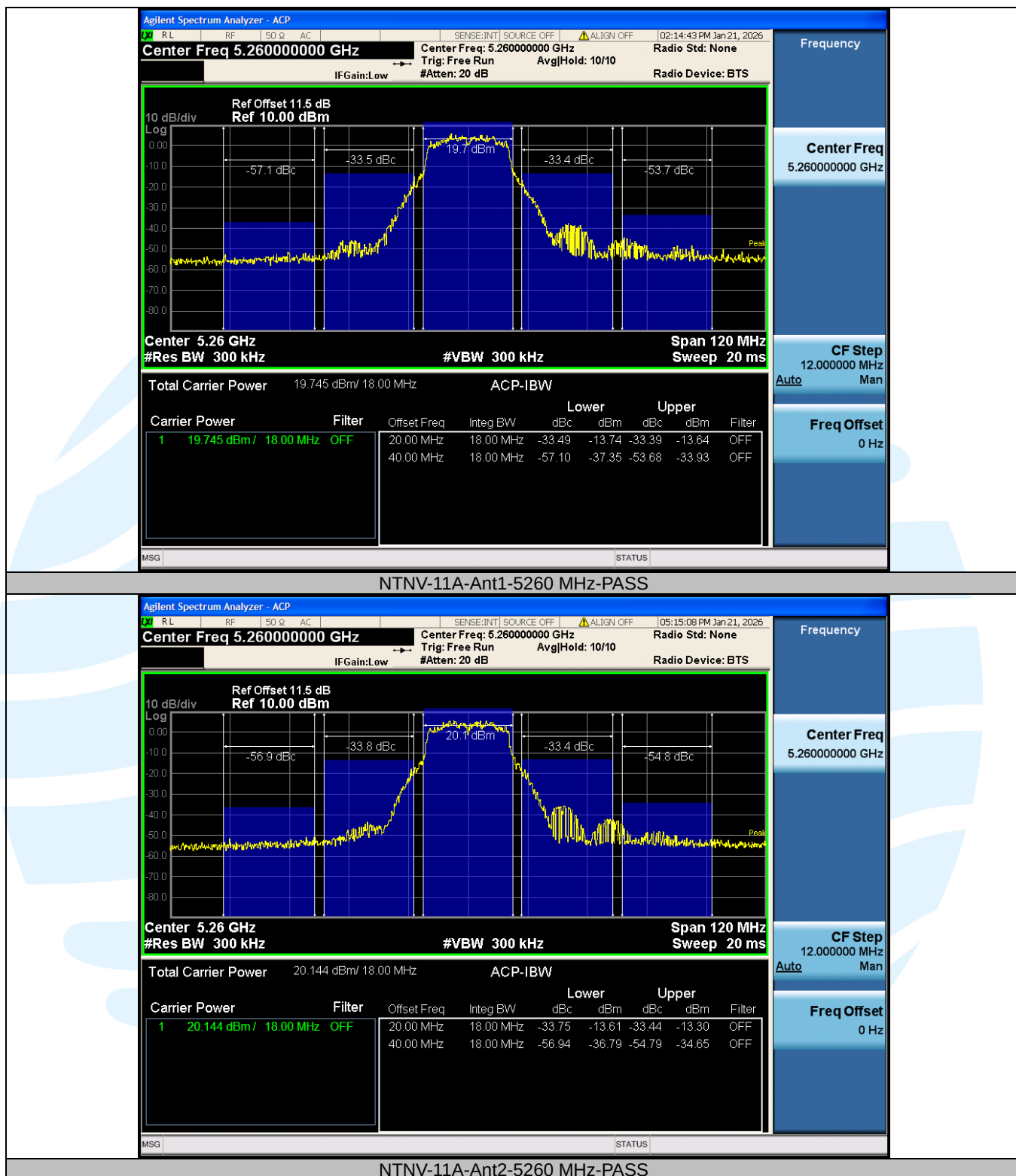
Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11AX40MIMO	total	5510	+40	-34.23	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5510	+80	-51.25	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5510	+80	-50.44	≤-40	PASS
NTNV	11AX40MIMO	total	5510	+80	-50.88	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5550	-80	-49.88	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5550	-80	-49.52	≤-40	PASS
NTNV	11AX40MIMO	total	5550	-80	-49.72	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5550	-40	-34.09	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5550	-40	-34.45	≤-25	PASS
NTNV	11AX40MIMO	total	5550	-40	-34.25	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5550	+40	-34.21	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5550	+40	-34.47	≤-25	PASS
NTNV	11AX40MIMO	total	5550	+40	-34.33	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5550	+80	-50.64	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5550	+80	-50.01	≤-40	PASS
NTNV	11AX40MIMO	total	5550	+80	-50.36	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5670	-80	-50.49	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5670	-80	-50.20	≤-40	PASS
NTNV	11AX40MIMO	total	5670	-80	-50.36	≤-40	PASS
NTNV	11AX40MIMO	Ant1	5670	-40	-34.22	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5670	-40	-34.62	≤-25	PASS
NTNV	11AX40MIMO	total	5670	-40	-34.39	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5670	+40	-33.74	≤-25	PASS
NTNV	11AX40MIMO	Ant2	5670	+40	-34.33	≤-25	PASS
NTNV	11AX40MIMO	total	5670	+40	-33.99	≤-25	PASS
NTNV	11AX40MIMO	Ant1	5670	+80	-50.18	≤-40	PASS
NTNV	11AX40MIMO	Ant2	5670	+80	-49.31	≤-40	PASS
NTNV	11AX40MIMO	total	5670	+80	-49.78	≤-40	PASS
NTNV	11AX80MIMO	Ant1	5210	-80	-36.03	≤-25	PASS
NTNV	11AX80MIMO	Ant2	5210	-80	-34.84	≤-25	PASS
NTNV	11AX80MIMO	total	5210	-80	-35.48	≤-25	PASS
NTNV	11AX80MIMO	Ant1	5210	+80	-35.27	≤-25	PASS
NTNV	11AX80MIMO	Ant2	5210	+80	-35.18	≤-25	PASS
NTNV	11AX80MIMO	total	5210	+80	-35.23	≤-25	PASS
NTNV	11AX80MIMO	Ant1	5290	-80	-35.02	≤-25	PASS
NTNV	11AX80MIMO	Ant2	5290	-80	-34.93	≤-25	PASS
NTNV	11AX80MIMO	total	5290	-80	-34.97	≤-25	PASS
NTNV	11AX80MIMO	Ant1	5290	+80	-34.88	≤-25	PASS
NTNV	11AX80MIMO	Ant2	5290	+80	-34.73	≤-25	PASS
NTNV	11AX80MIMO	total	5290	+80	-34.81	≤-25	PASS
NTNV	11AX80MIMO	Ant1	5530	-80	-35.32	≤-25	PASS
NTNV	11AX80MIMO	Ant2	5530	-80	-34.55	≤-25	PASS
NTNV	11AX80MIMO	total	5530	-80	-34.99	≤-25	PASS
NTNV	11AX80MIMO	Ant1	5530	+80	-36.57	≤-25	PASS
NTNV	11AX80MIMO	Ant2	5530	+80	-35.83	≤-25	PASS
NTNV	11AX80MIMO	total	5530	+80	-36.25	≤-25	PASS
NTNV	11AX80MIMO	Ant1	5610	-80	-35.19	≤-25	PASS
NTNV	11AX80MIMO	Ant2	5610	-80	-35.88	≤-25	PASS
NTNV	11AX80MIMO	total	5610	-80	-35.47	≤-25	PASS
NTNV	11AX80MIMO	Ant1	5610	+80	-35.69	≤-25	PASS
NTNV	11AX80MIMO	Ant2	5610	+80	-35.28	≤-25	PASS
NTNV	11AX80MIMO	total	5610	+80	-35.52	≤-25	PASS

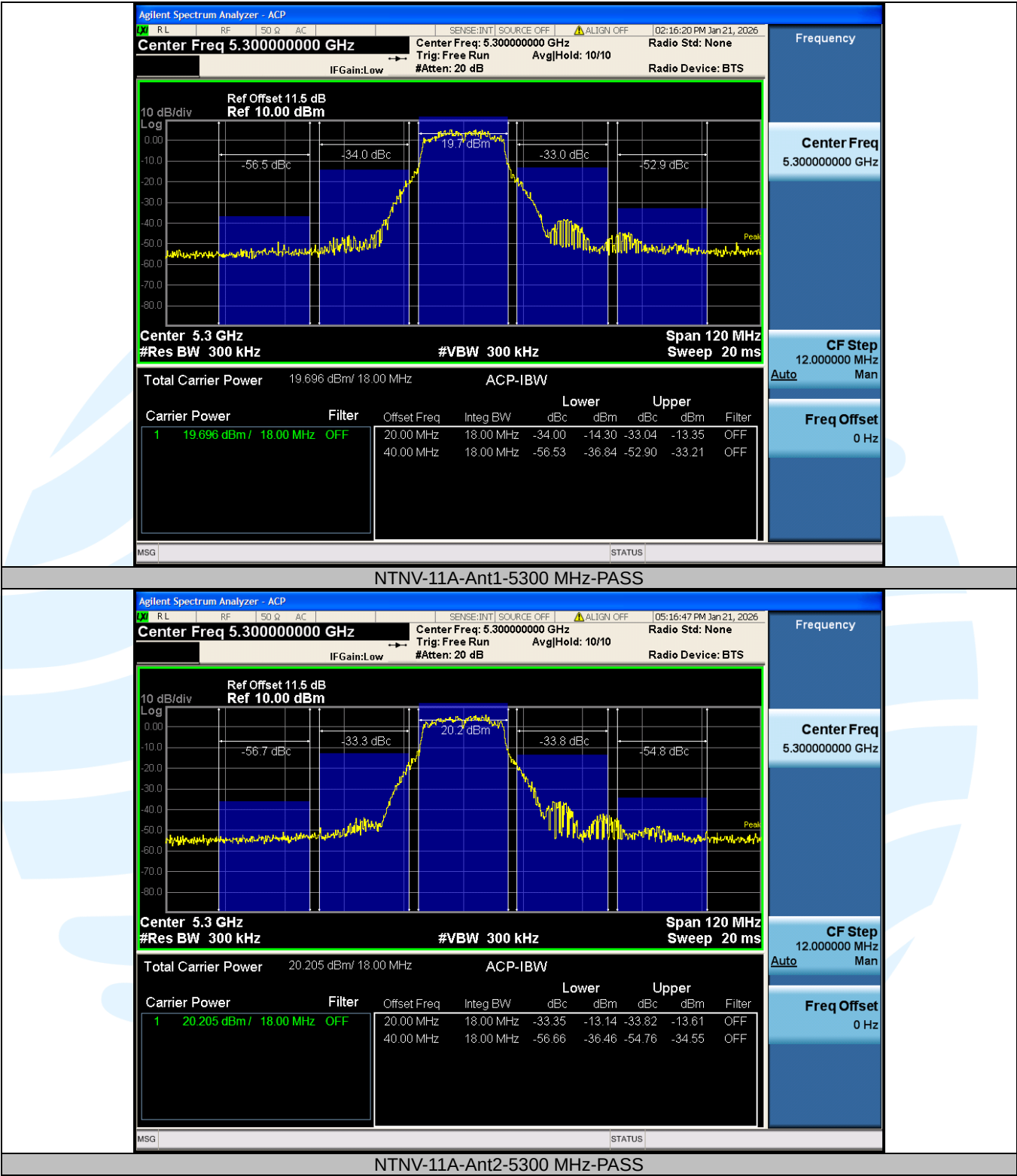






NTNV-11A-Ant2-5240 MHz-PASS





Agilent Spectrum Analyzer - ACP

RL

RF

50 Ω

AC

SENSE:INT

SOURCE OFF

ALIGN OFF

05:16:47 PM Jan 21, 2026

Center Freq 5.300000000 GHz

Center Freq: 5.300000000 GHz

Radio Std: None

IFGain:Low

Trig: Free Run

Avg/Hold: 10/10

Radio Device: BTS

10 dB/div

Ref Offset 11.5 dB

Ref 10.00 dBm

-56.7 dBc

-33.3 dBc

20.2 dBm

-33.8 dBc

-54.8 dBc

Log

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

-70.0

-80.0

Center 5.3 GHz

#Res BW 300 kHz

#VBW 300 kHz

Span 120 MHz

Sweep 20 ms

Total Carrier Power

20.205 dBm/ 18.00 MHz

ACP-IBW

Carrier Power	Filter	Offset Freq	Integ BW	dBc	dBm	Lower	Upper	Filter	
1	20.205 dBm/ 18.00 MHz	OFF	20.00 MHz	18.00 MHz	-33.35	-13.14	-33.82	-13.61	OFF
			40.00 MHz	18.00 MHz	-56.66	-36.46	-54.76	-34.55	OFF

MSG

STATUS

NTNV-11A-Ant2-5300 MHz-PASS

Frequency

Center Freq

5.300000000 GHz

CF Step

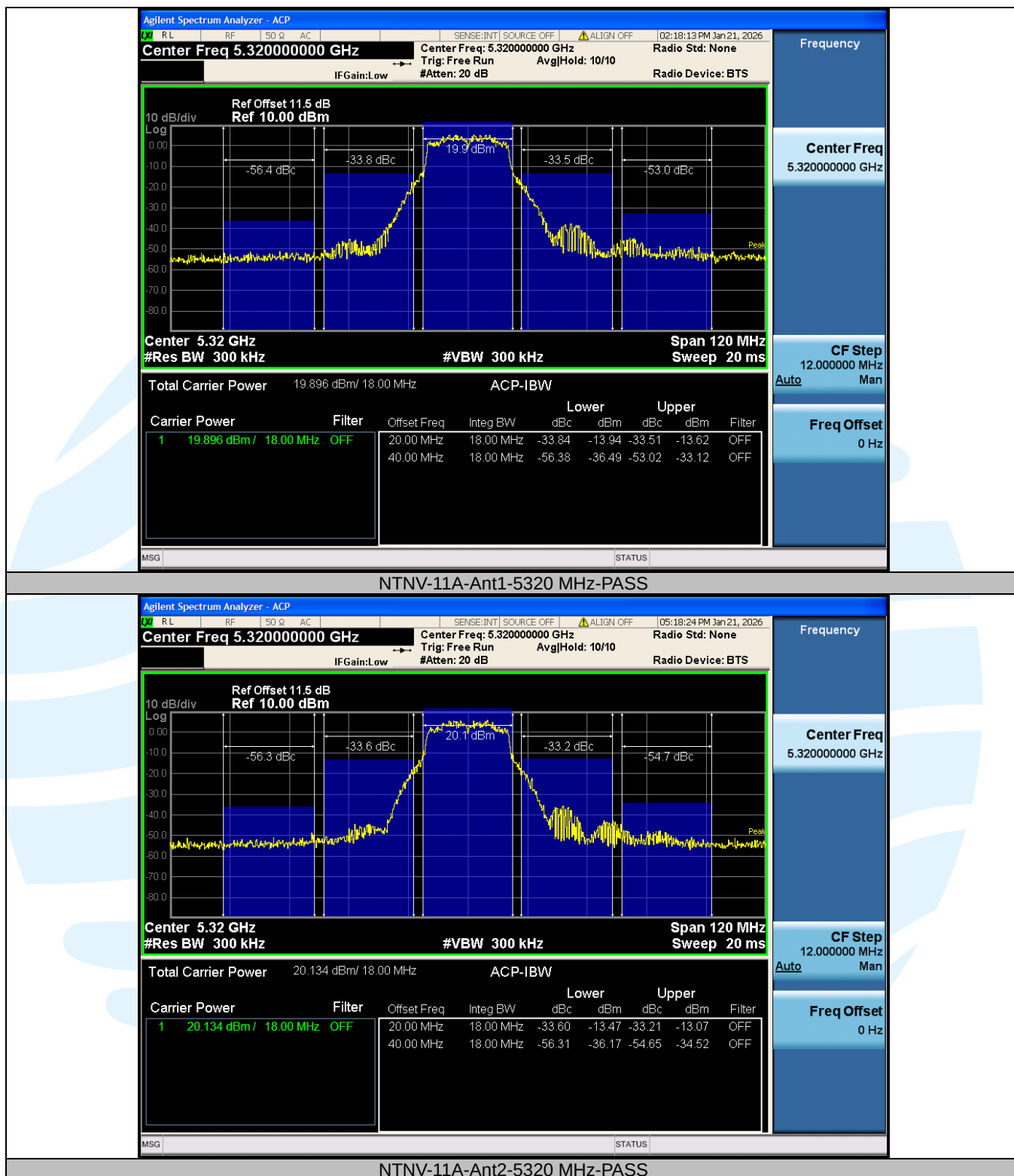
12.000000 MHz

Auto

Man

Freq Offset

0 Hz

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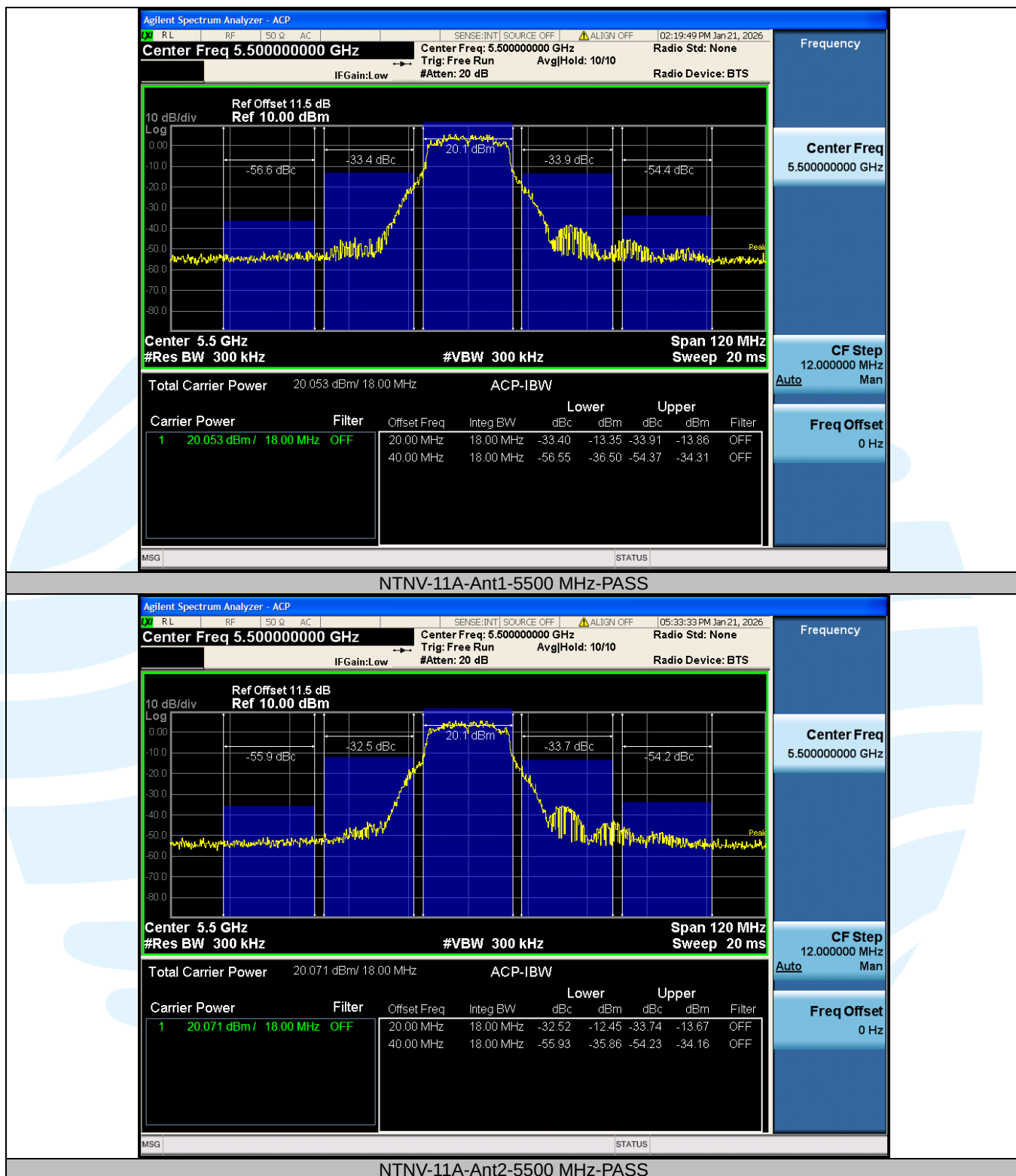
Tel: +86-755-28230888

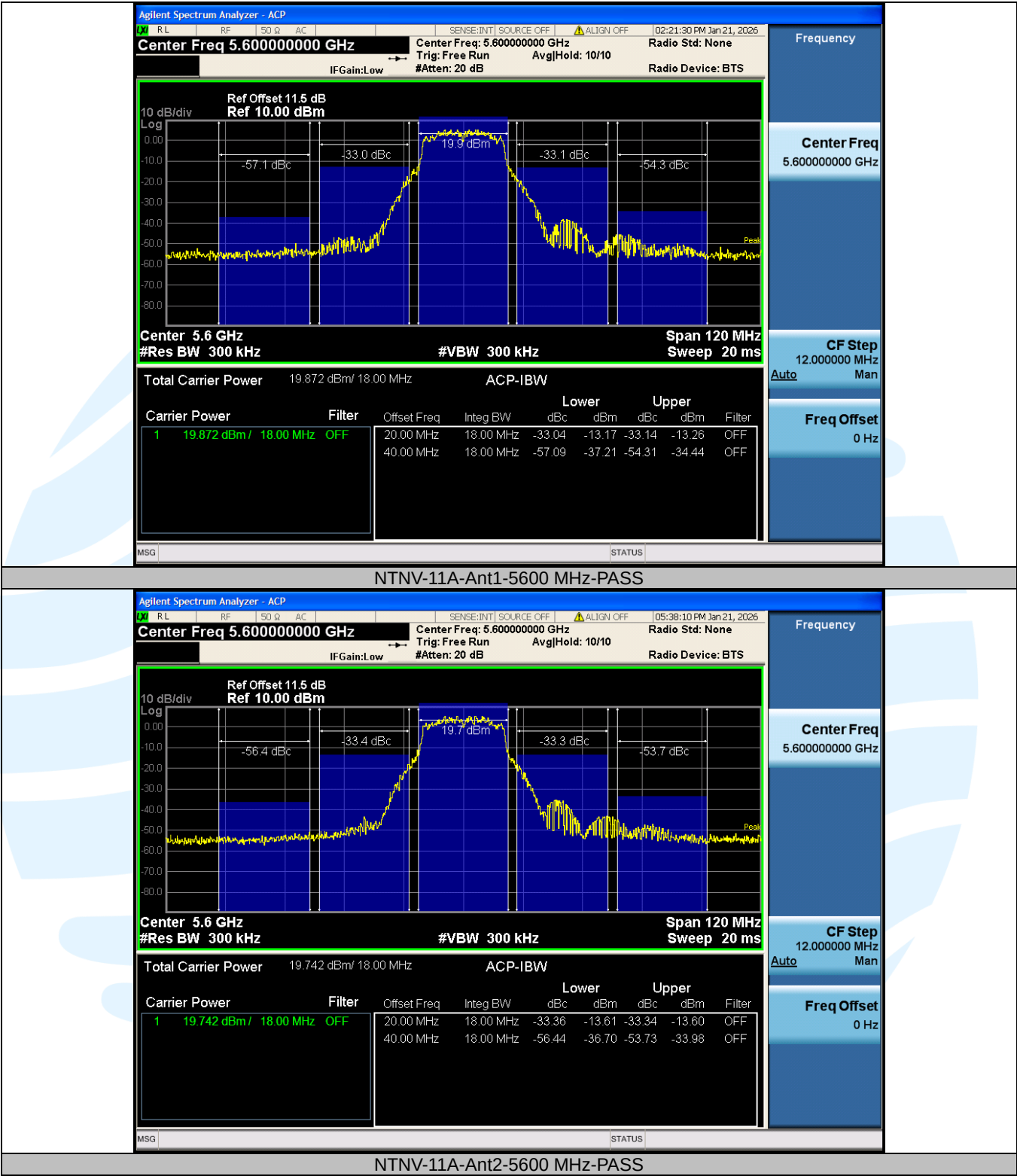
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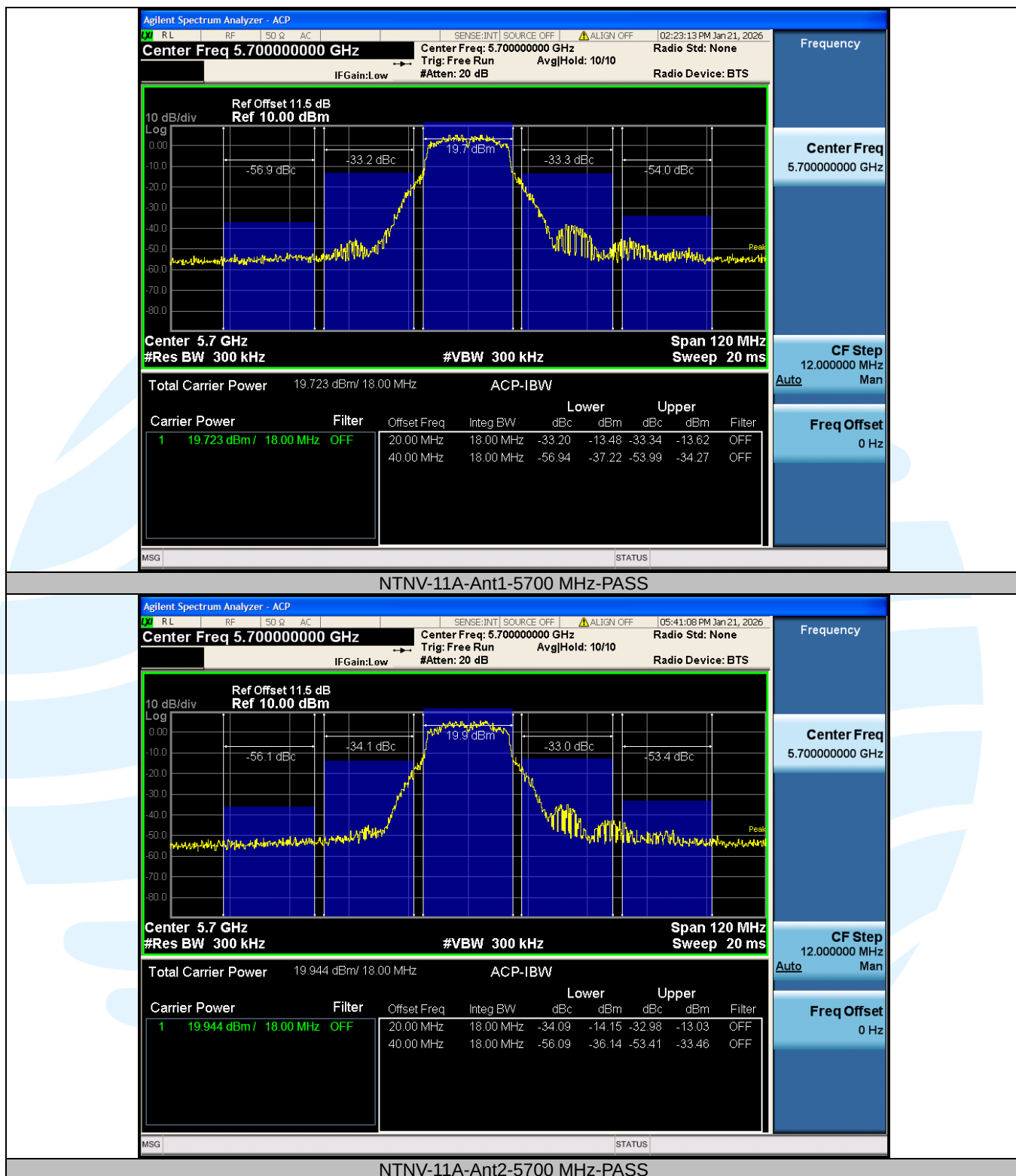
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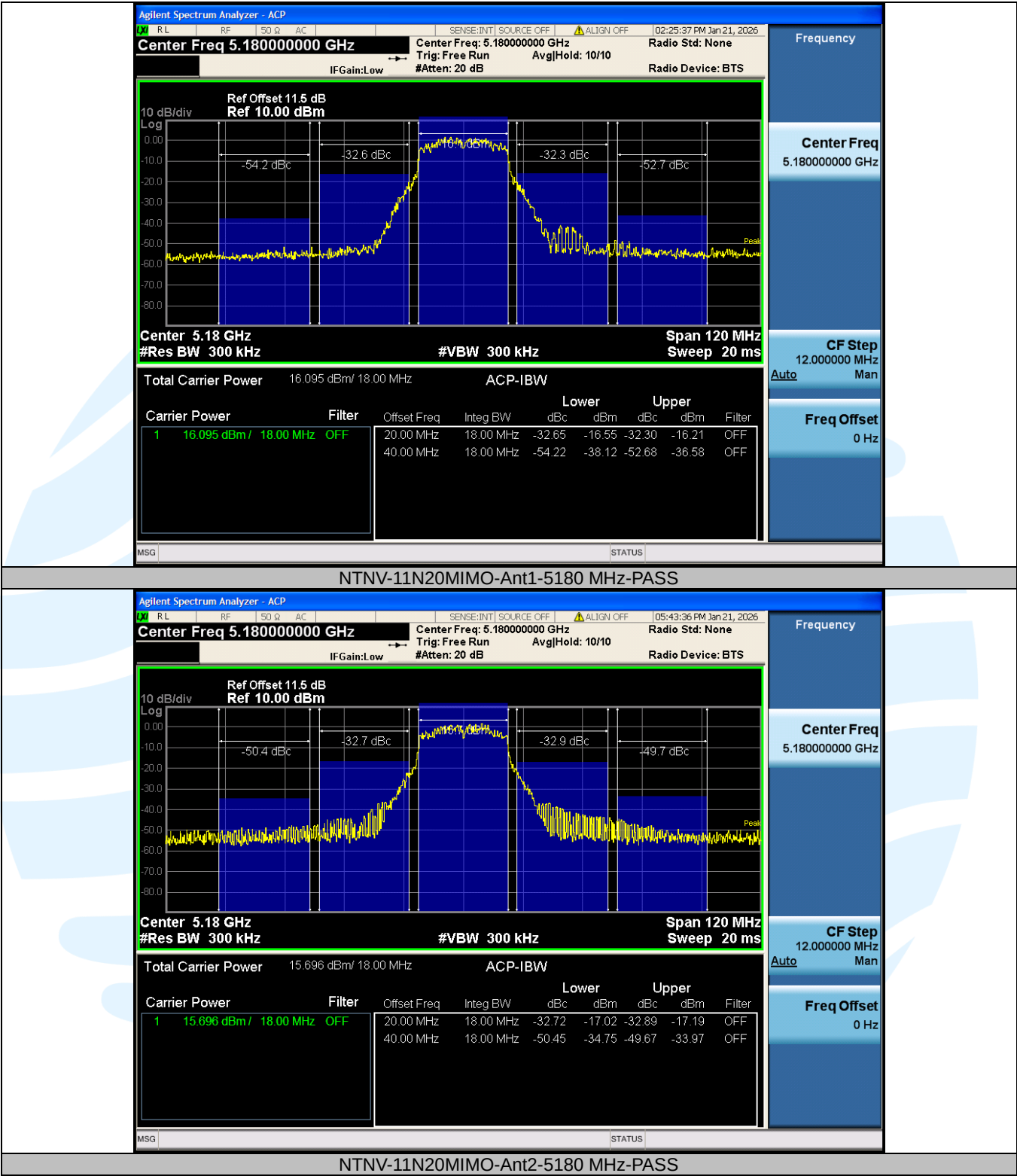
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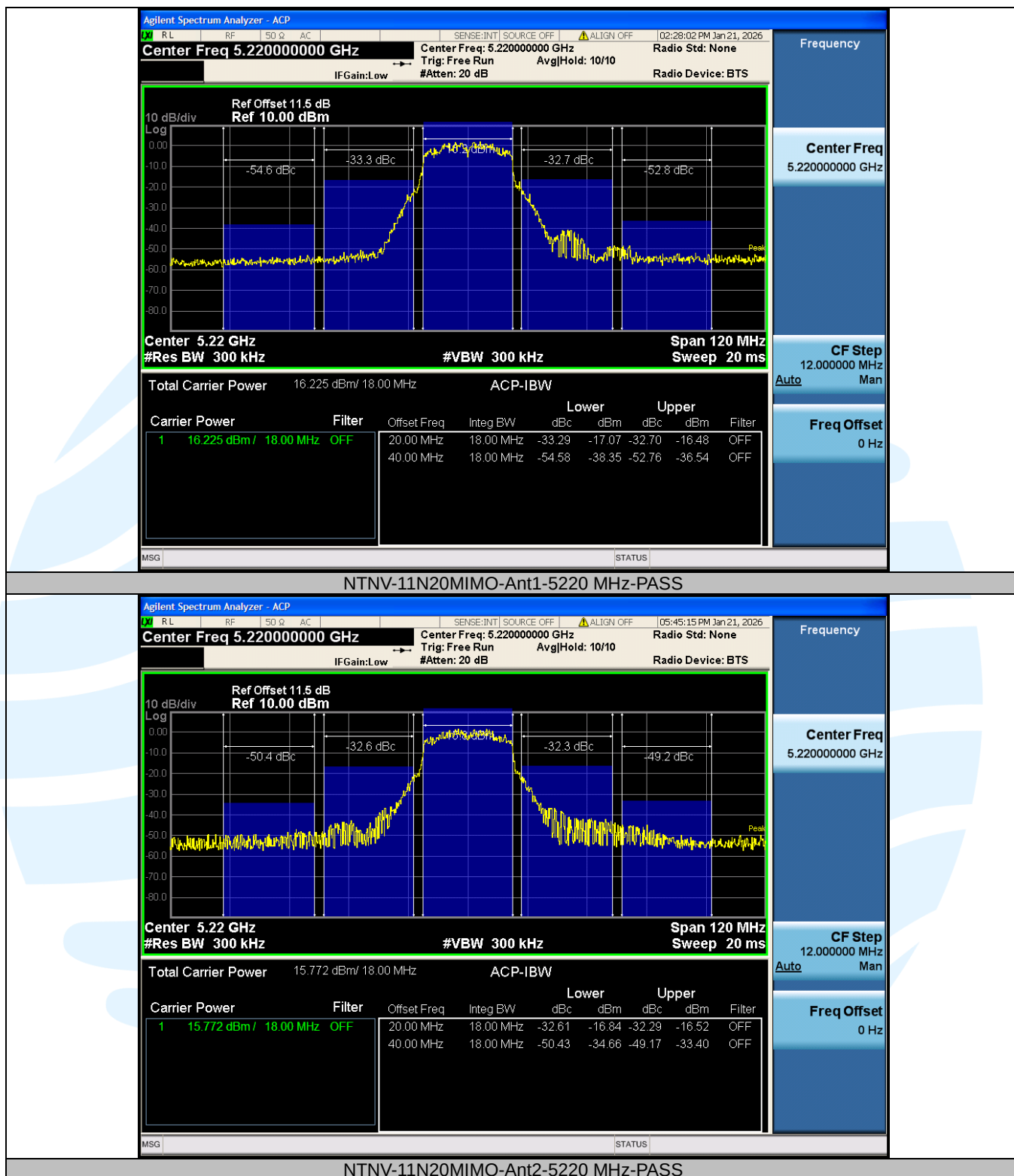
UTTR-RF-STDT71-V1.1

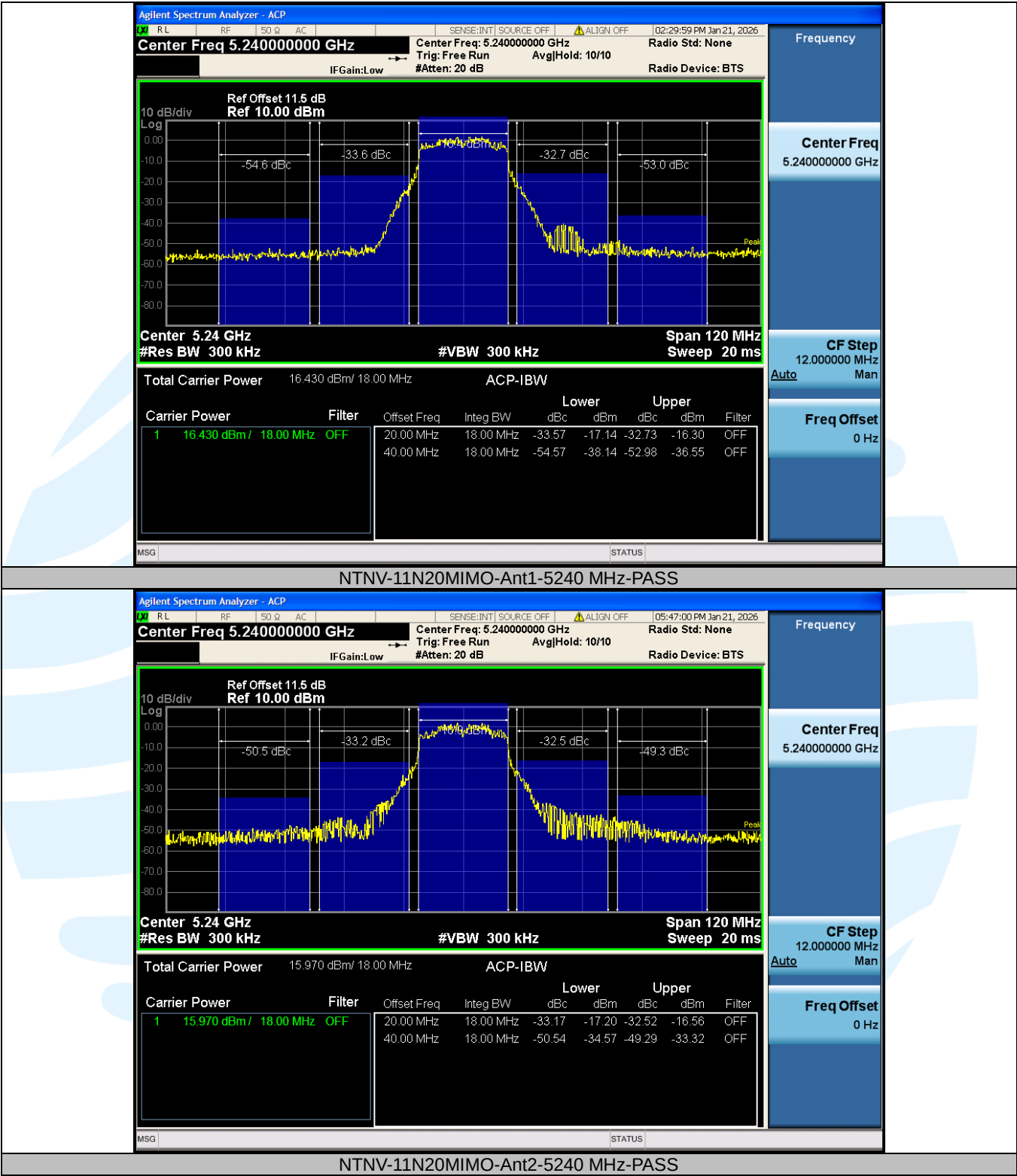












NTNV-11N20MIMO-Ant1-5240 MHz-PASS

Agilent Spectrum Analyzer - ACP

RL

RF

50 Ω

AC

SENSE:INT

SOURCE:OFF

ALIGN:OFF

05:47:00 PM Jan 21, 2026

Center Freq 5.240000000 GHz

Center Freq: 5.240000000 GHz

Radio Std: None

IFGain:Low

Trig: Free Run

Avg/Hold: 10/10

Radio Device: BTS

10 dB/div

Ref Offset 11.5 dB

Ref 10.00 dBm

-50.5 dBc

-33.2 dBc

0.0 dBm

-32.5 dBc

-49.3 dBc

Log

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

-70.0

-80.0

Center 5.24 GHz

#Res BW 300 kHz

#VBW 300 kHz

Span 120 MHz

Sweep 20 ms

Total Carrier Power

15.970 dBm/ 18.00 MHz

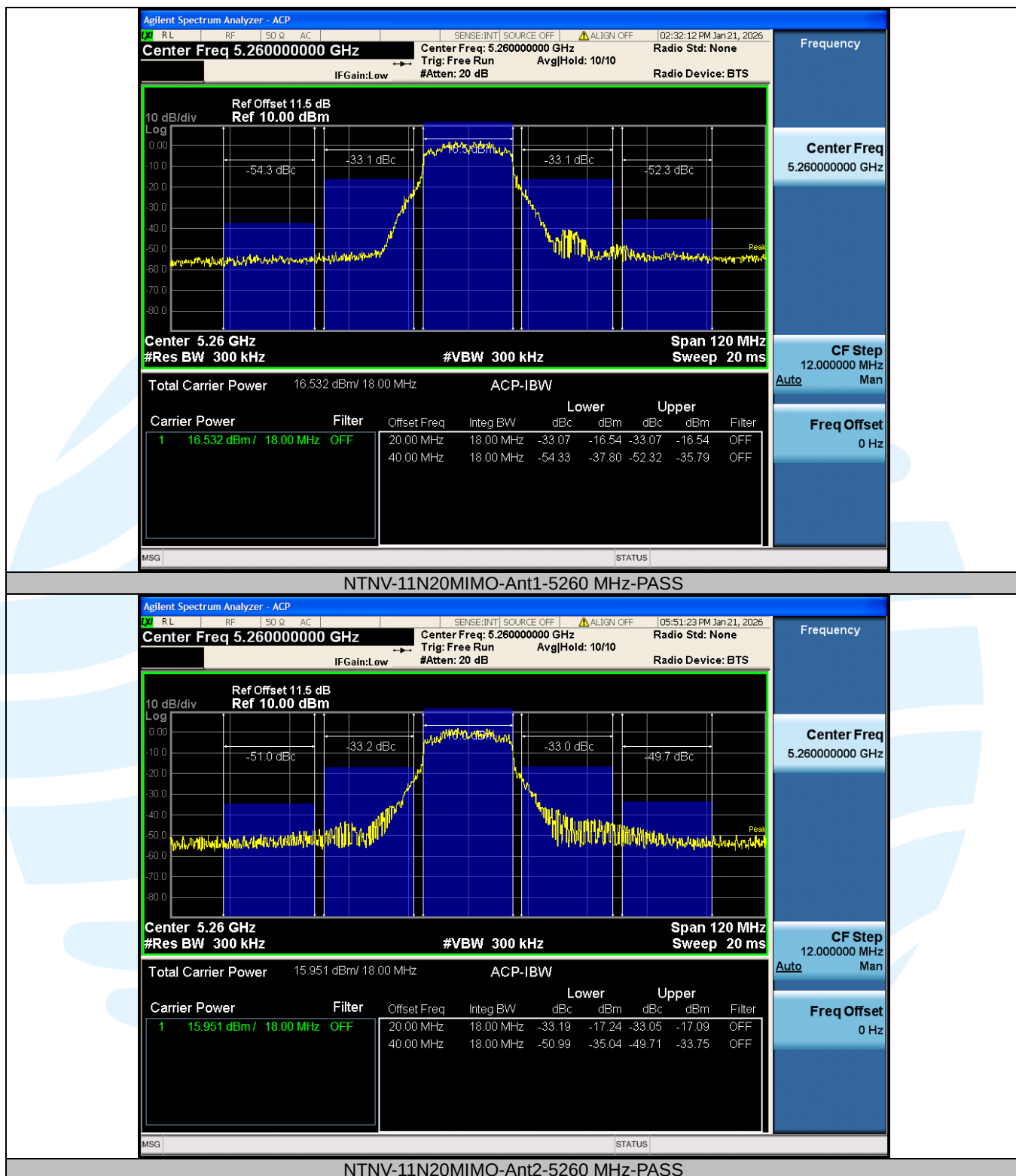
ACP-IBW

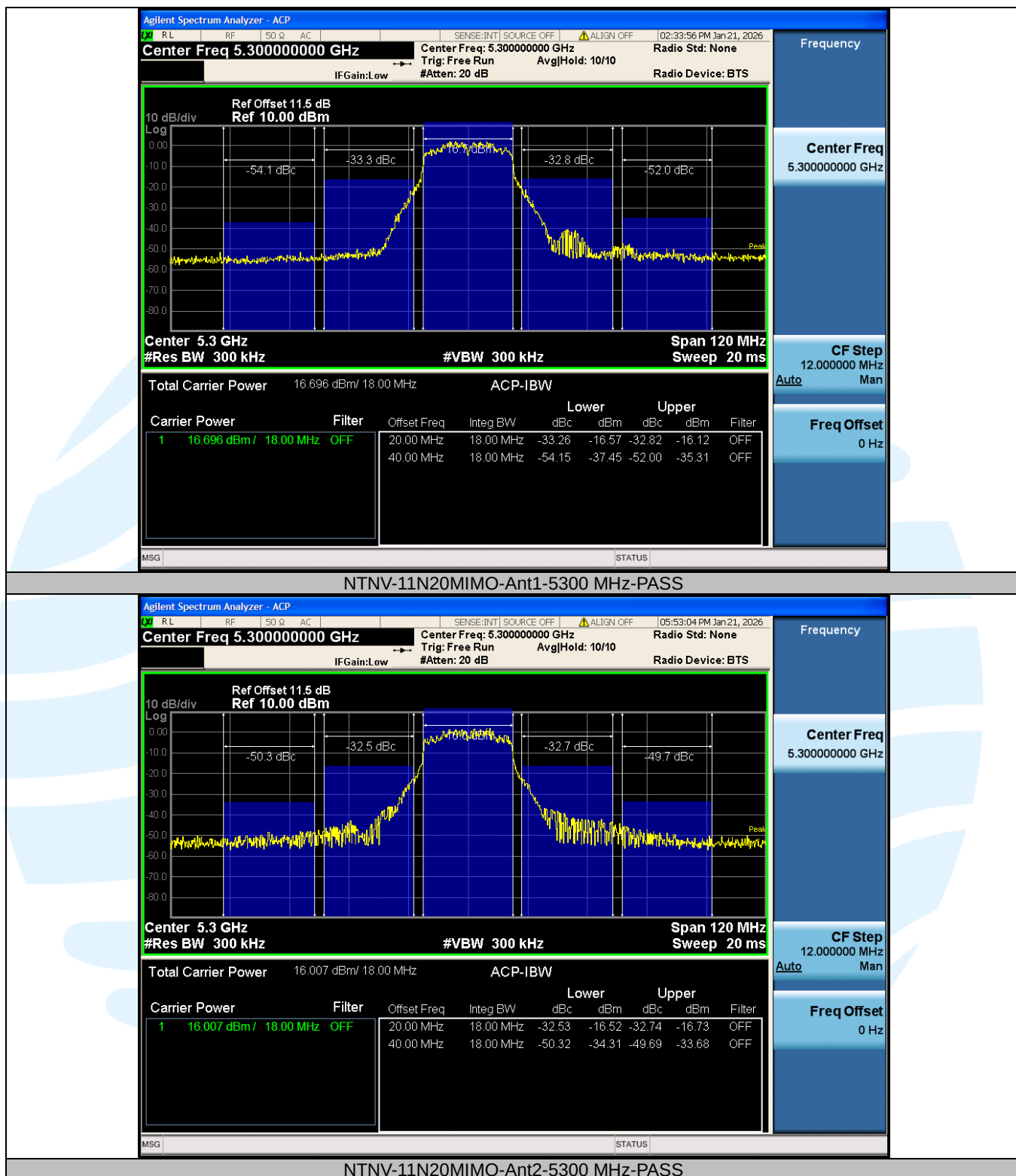
Carrier Power	Filter	Offset Freq	Integ BW	dBc	dBm	Lower	Upper	Filter	
1	15.970 dBm/ 18.00 MHz	OFF	20.00 MHz	18.00 MHz	-33.17	-17.20	-32.52	-16.56	OFF
			40.00 MHz	18.00 MHz	-50.54	-34.57	-49.29	-33.32	OFF

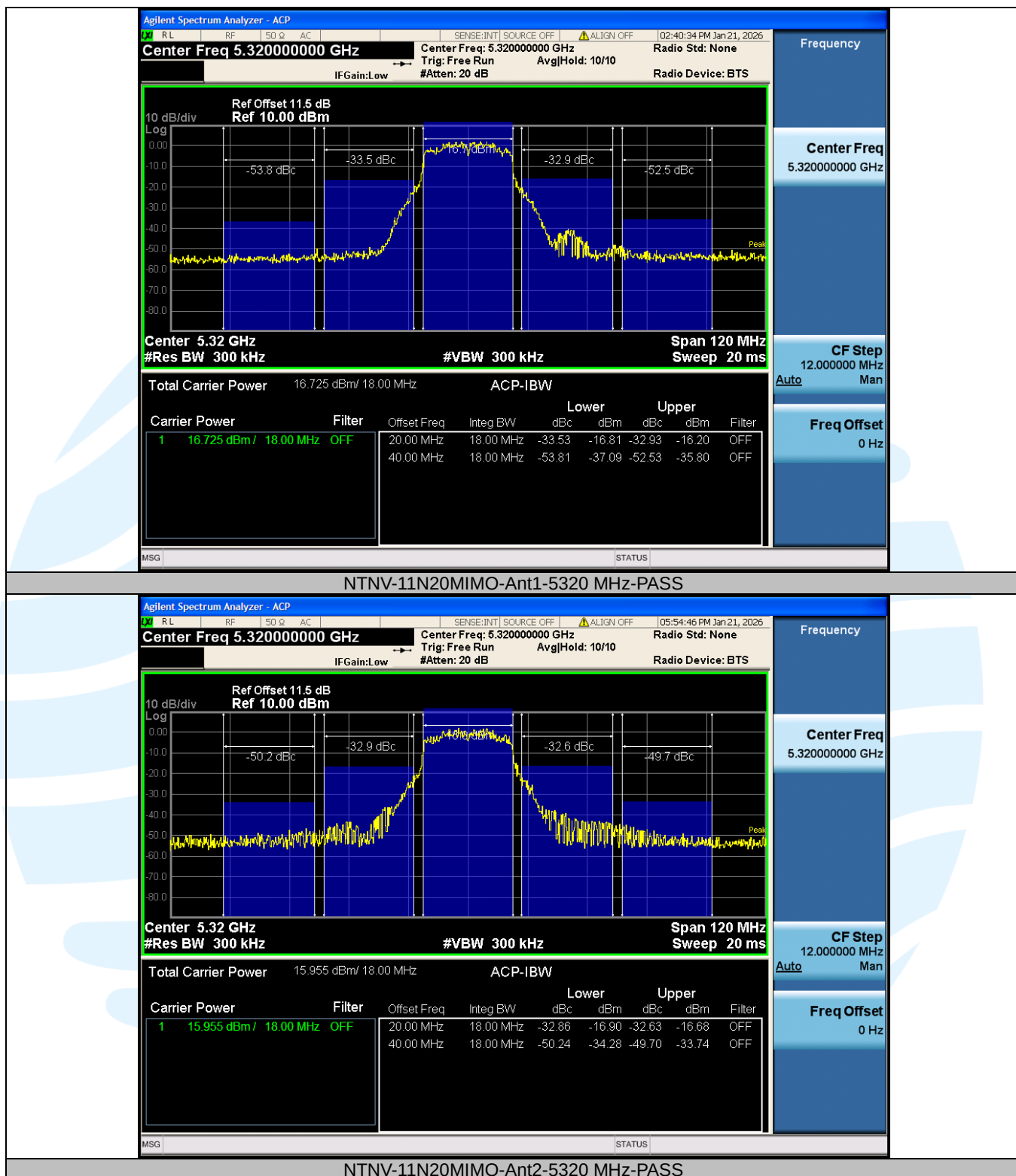
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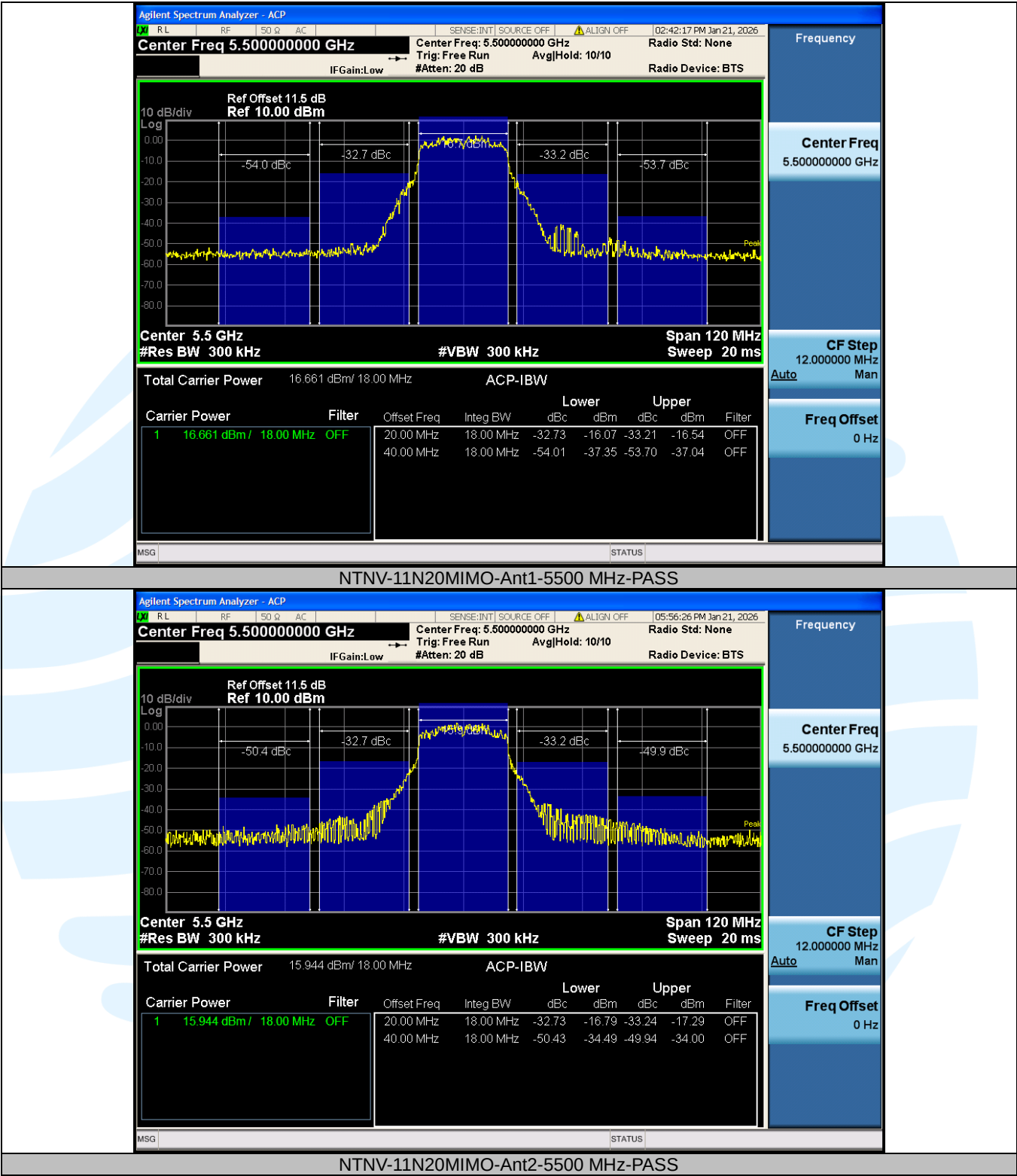
STATUS

NTNV-11N20MIMO-Ant2-5240 MHz-PASS









NTNV-11N20MIMO-Ant1-5500 MHz-PASS

Agilent Spectrum Analyzer - ACP

RL

RF

50 Ω

AC

SENSE:INT SOURCE:OFF

ALIGN:OFF

05:56:26 PM Jan 21, 2026

Center Freq 5.500000000 GHz

Center Freq: 5.500000000 GHz

Radio Std: None

IFGain:Low

Trig: Free Run

Avg/Hold: 10/10

Radio Device: BTS

10 dB/div

Ref Offset 11.5 dB

Ref 10.00 dBm

-50.4 dBc

-32.7 dBc

-33.2 dBc

-49.9 dBc

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

-70.0

-80.0

Log

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

-70.0

-80.0

Center 5.5 GHz

#Res BW 300 kHz

#VBW 300 kHz

Span 120 MHz

Sweep 20 ms

Total Carrier Power

15.944 dBm/ 18.00 MHz

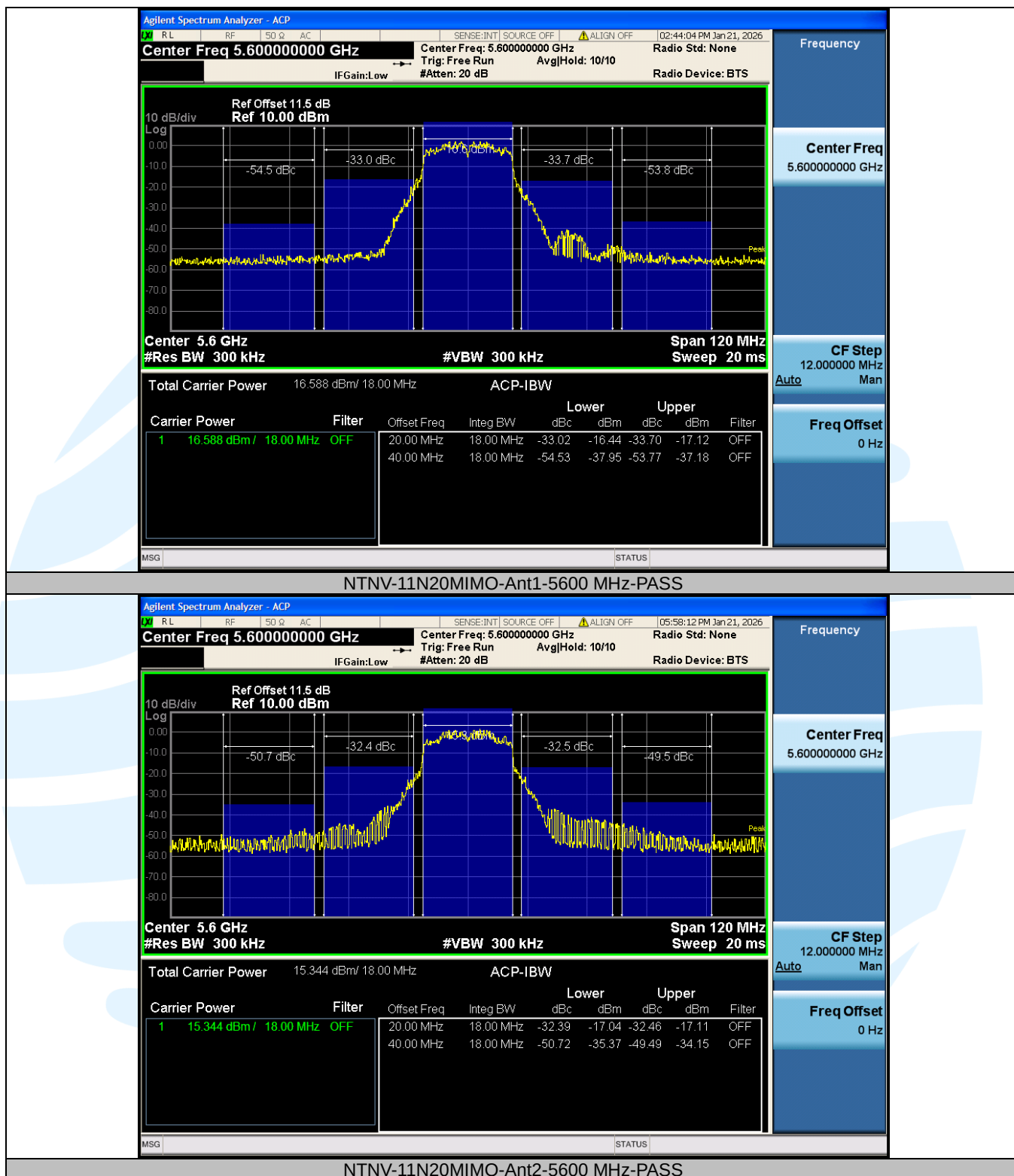
ACP-IBW

Carrier Power	Filter	Offset Freq	Integ BW	dBc	dBm	Lower	Upper	Filter	
1	15.944 dBm/ 18.00 MHz	OFF	20.00 MHz	18.00 MHz	-32.73	-16.79	-33.24	-17.29	OFF
			40.00 MHz	18.00 MHz	-50.43	-34.49	-49.94	-34.00	OFF

MSG

STATUS

NTNV-11N20MIMO-Ant2-5500 MHz-PASS

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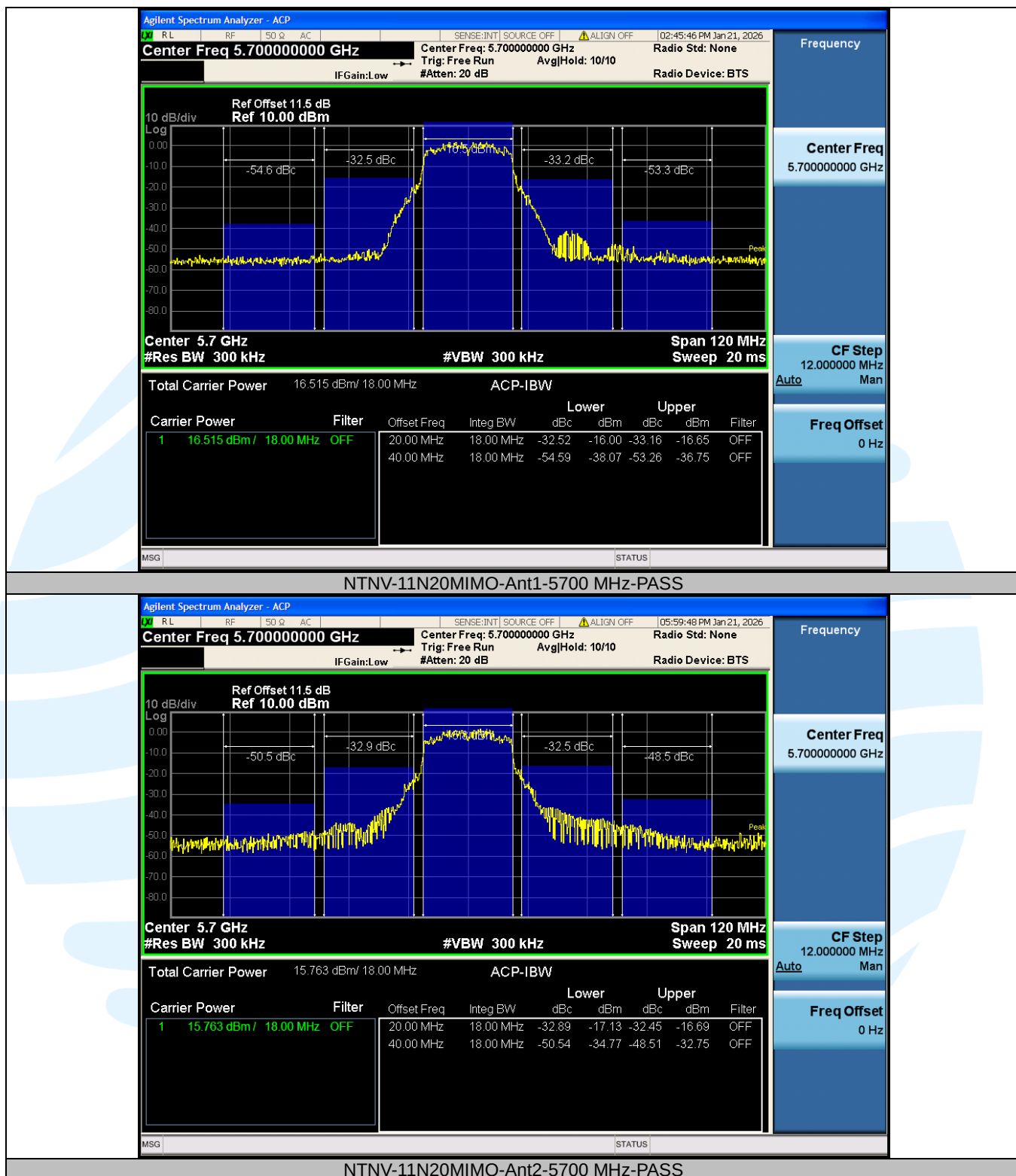
Tel: +86-755-28230888

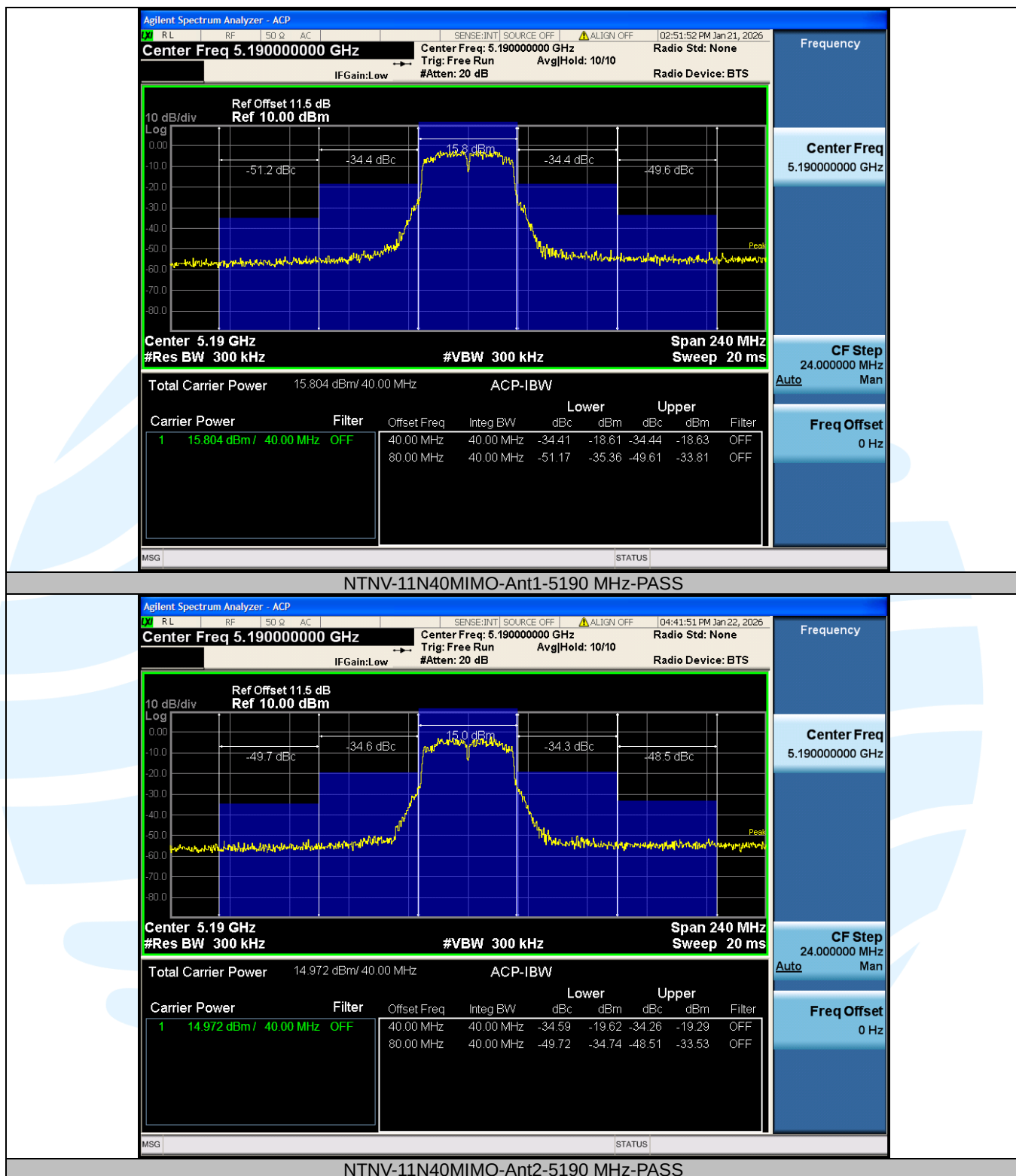
Fax: +86-755-28230886

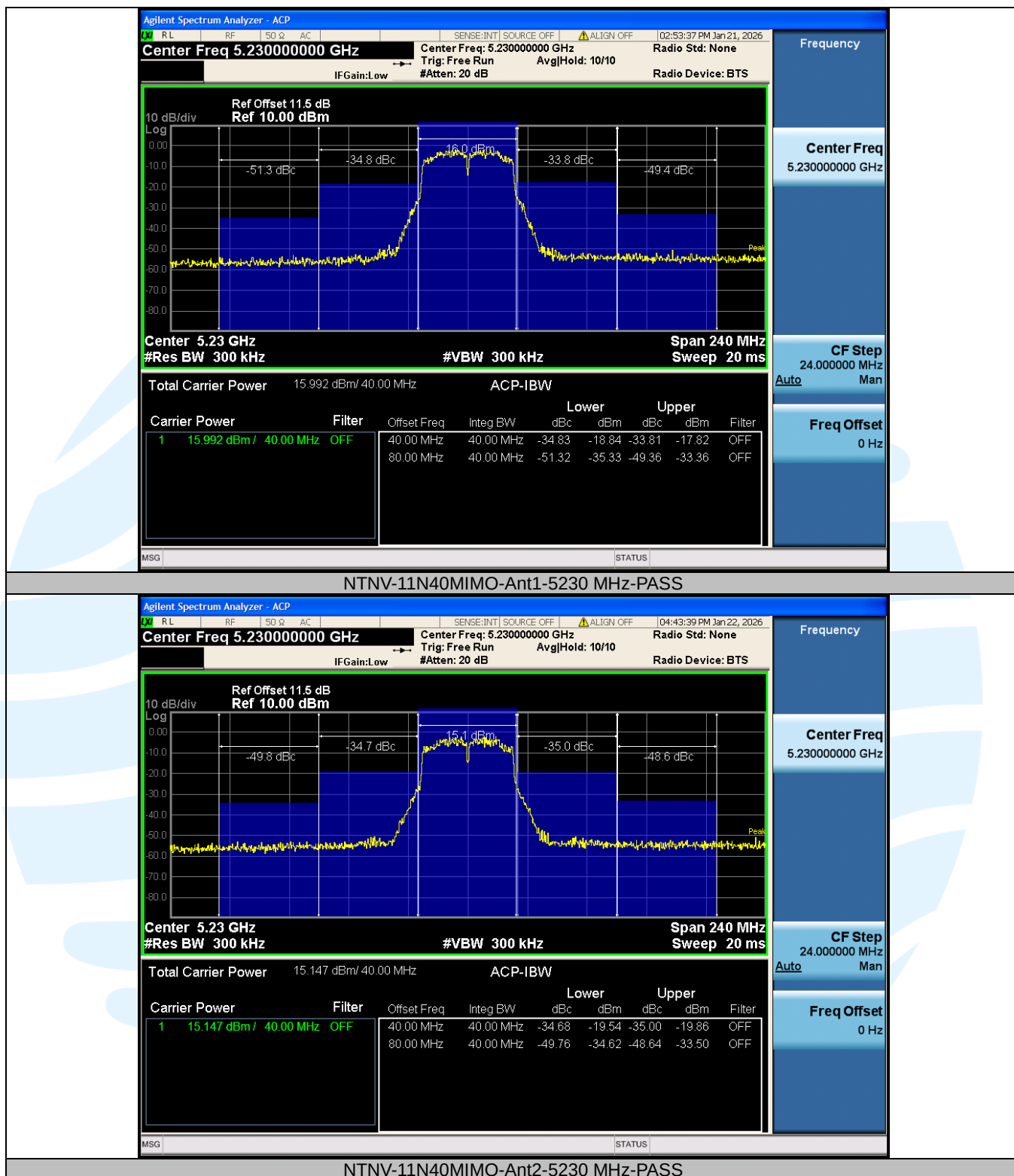
E-mail: info@uttlab.com

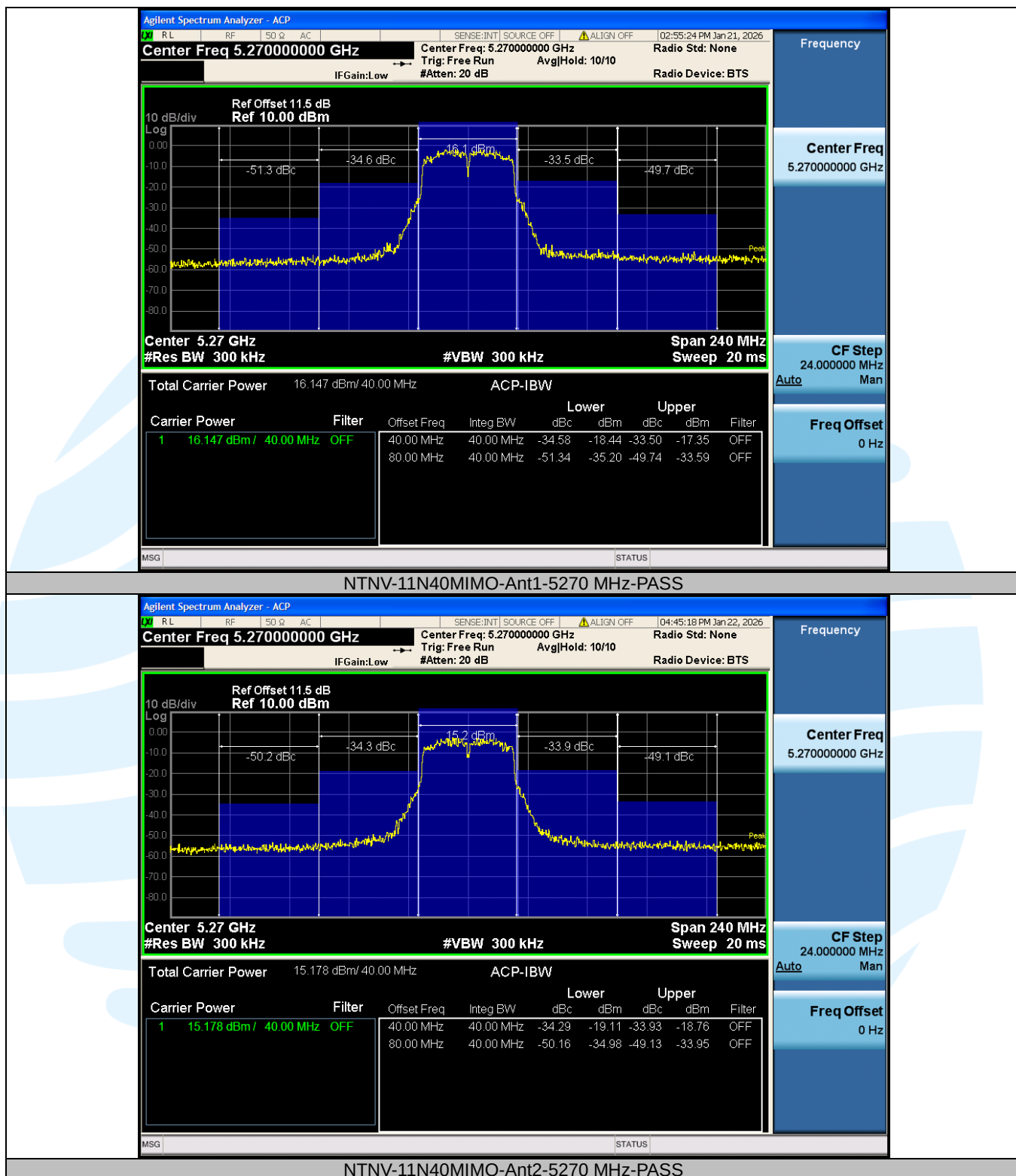
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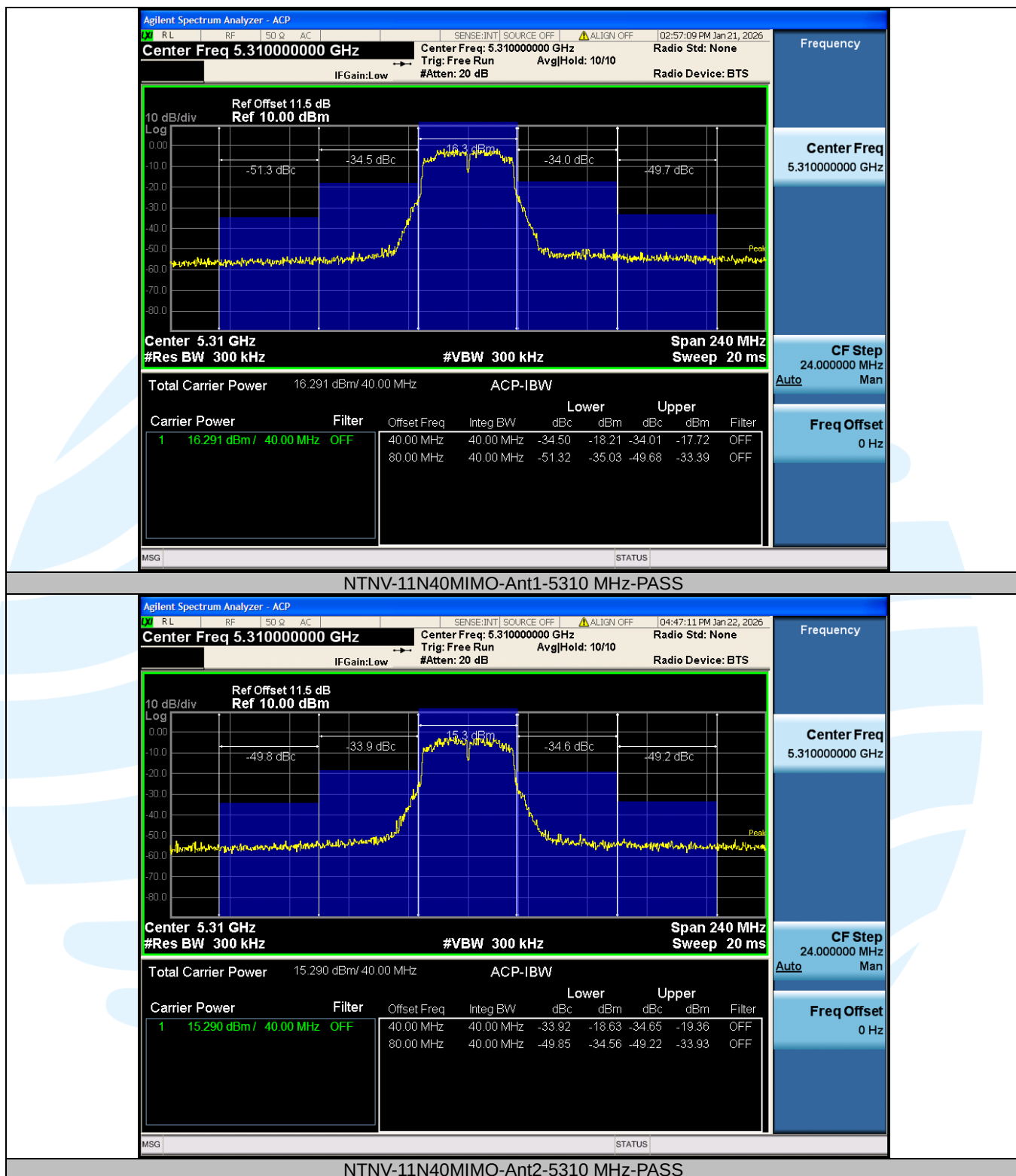
UTTR-RF-STDT71-V1.1

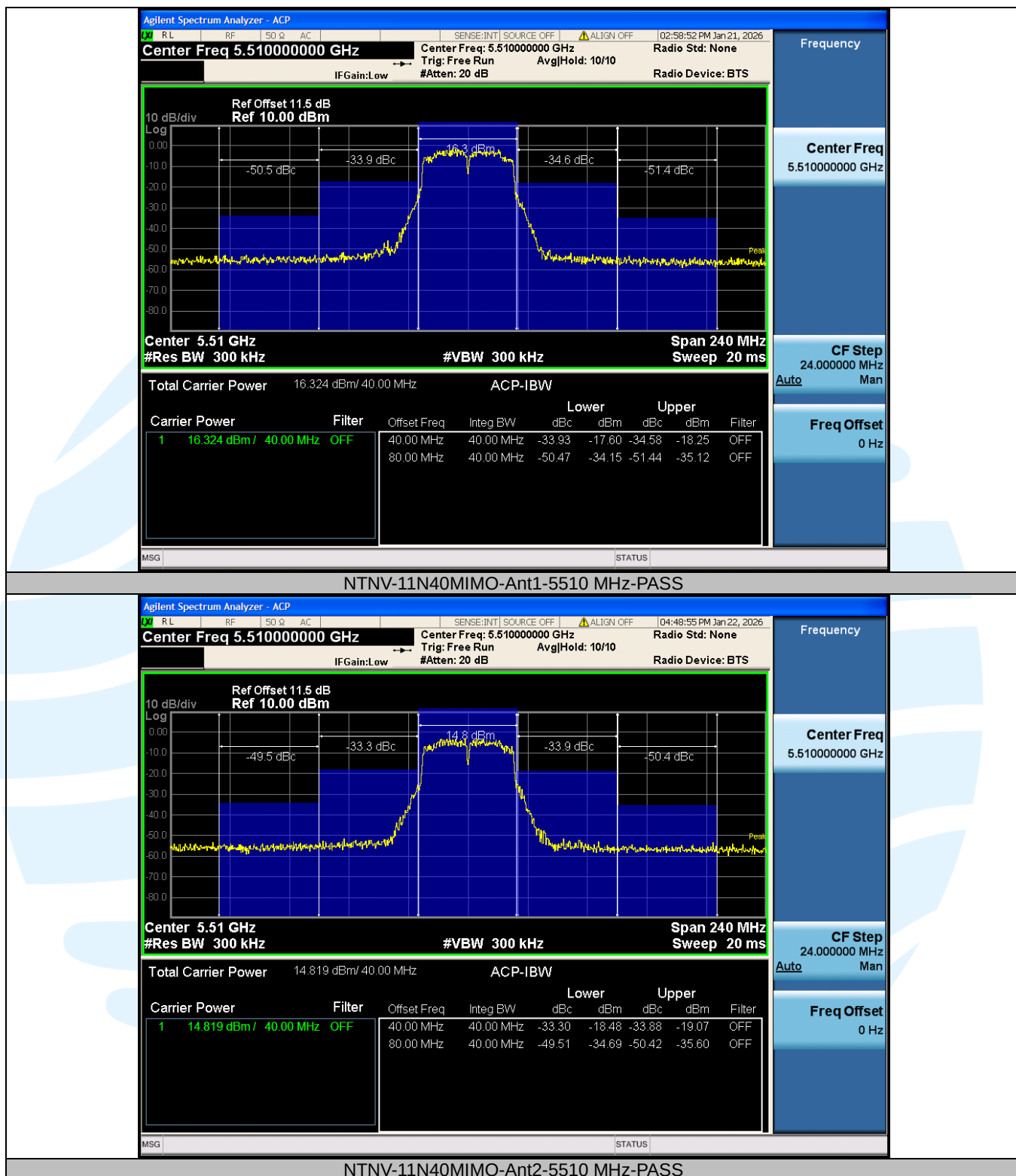


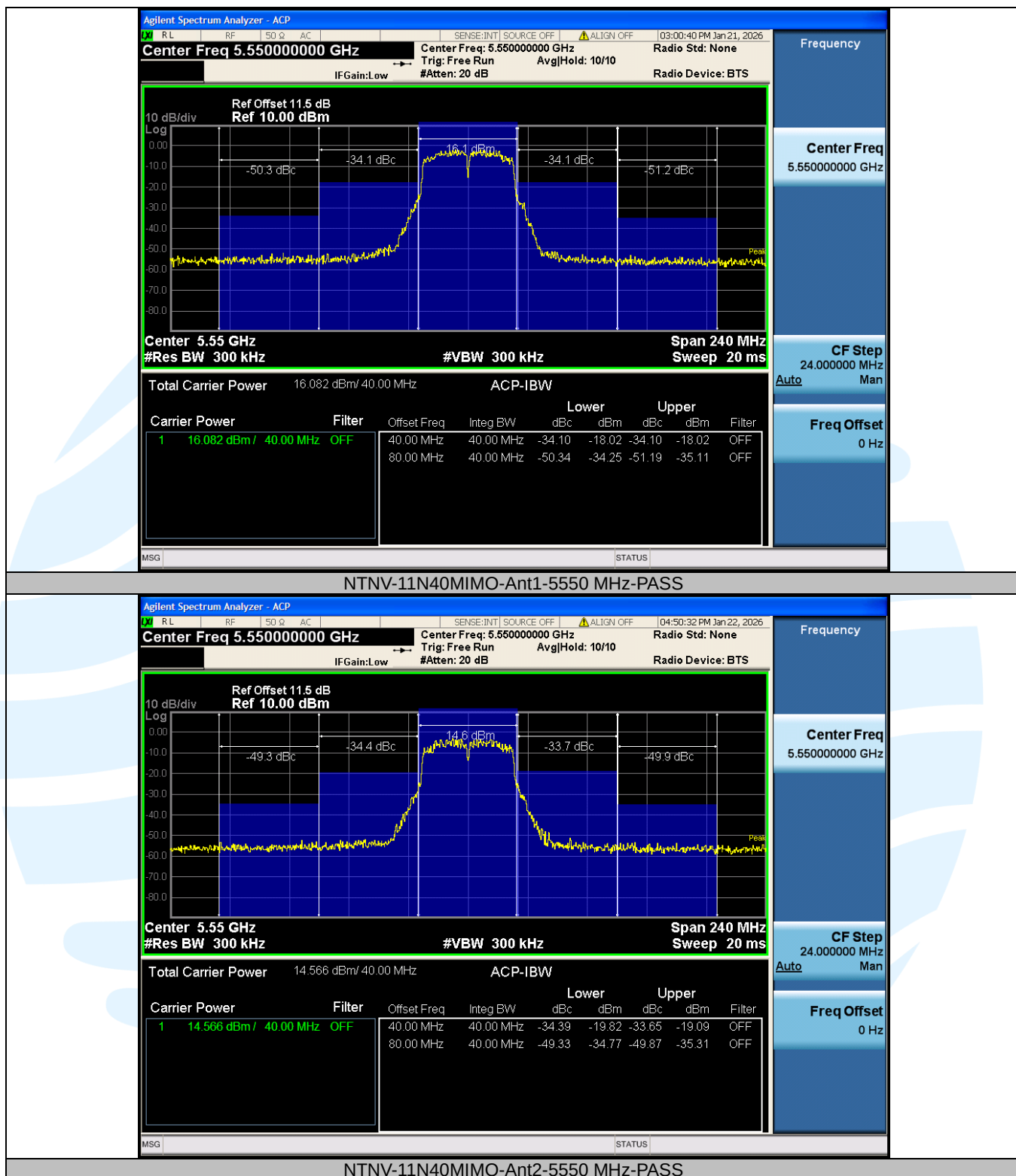


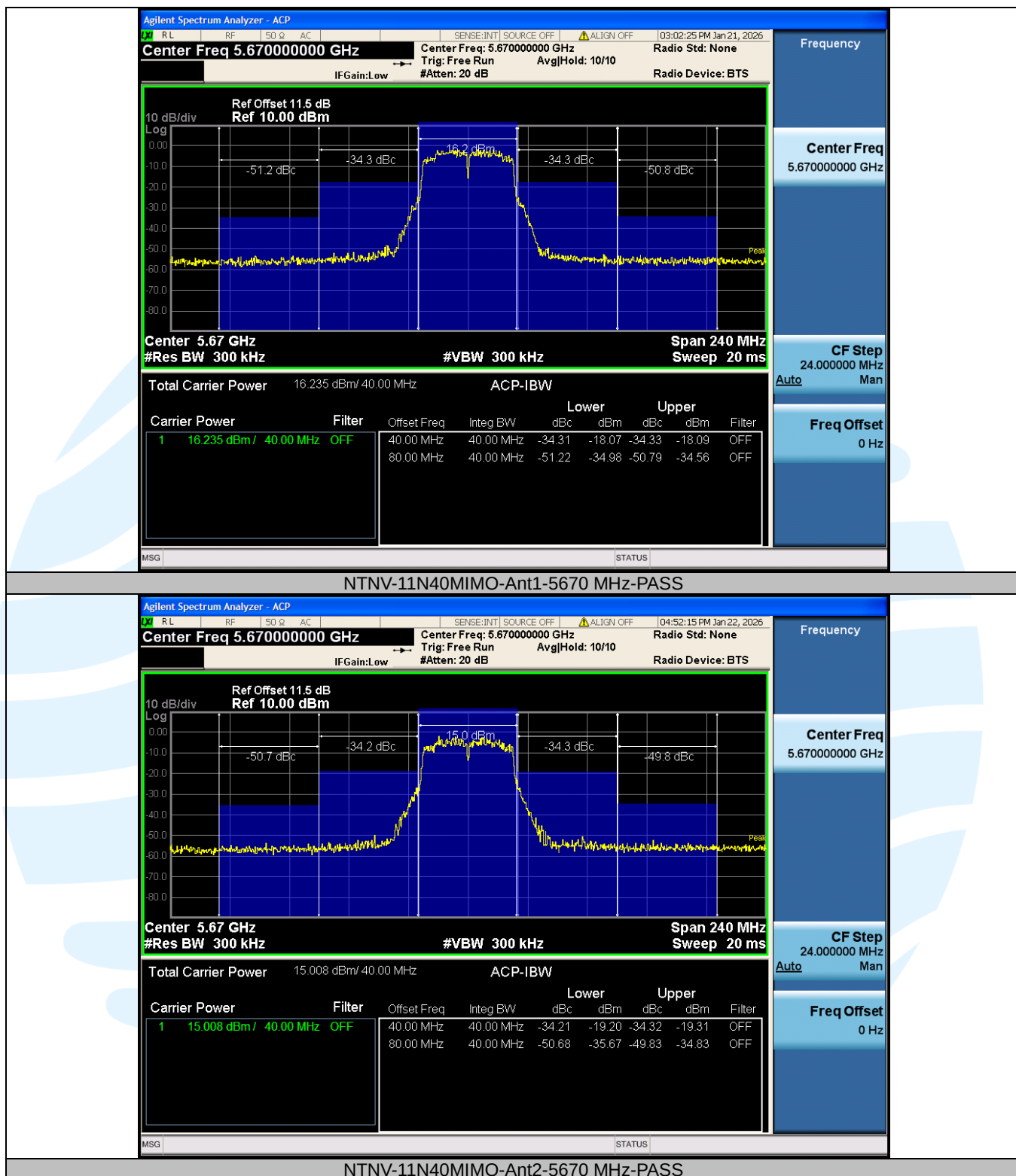


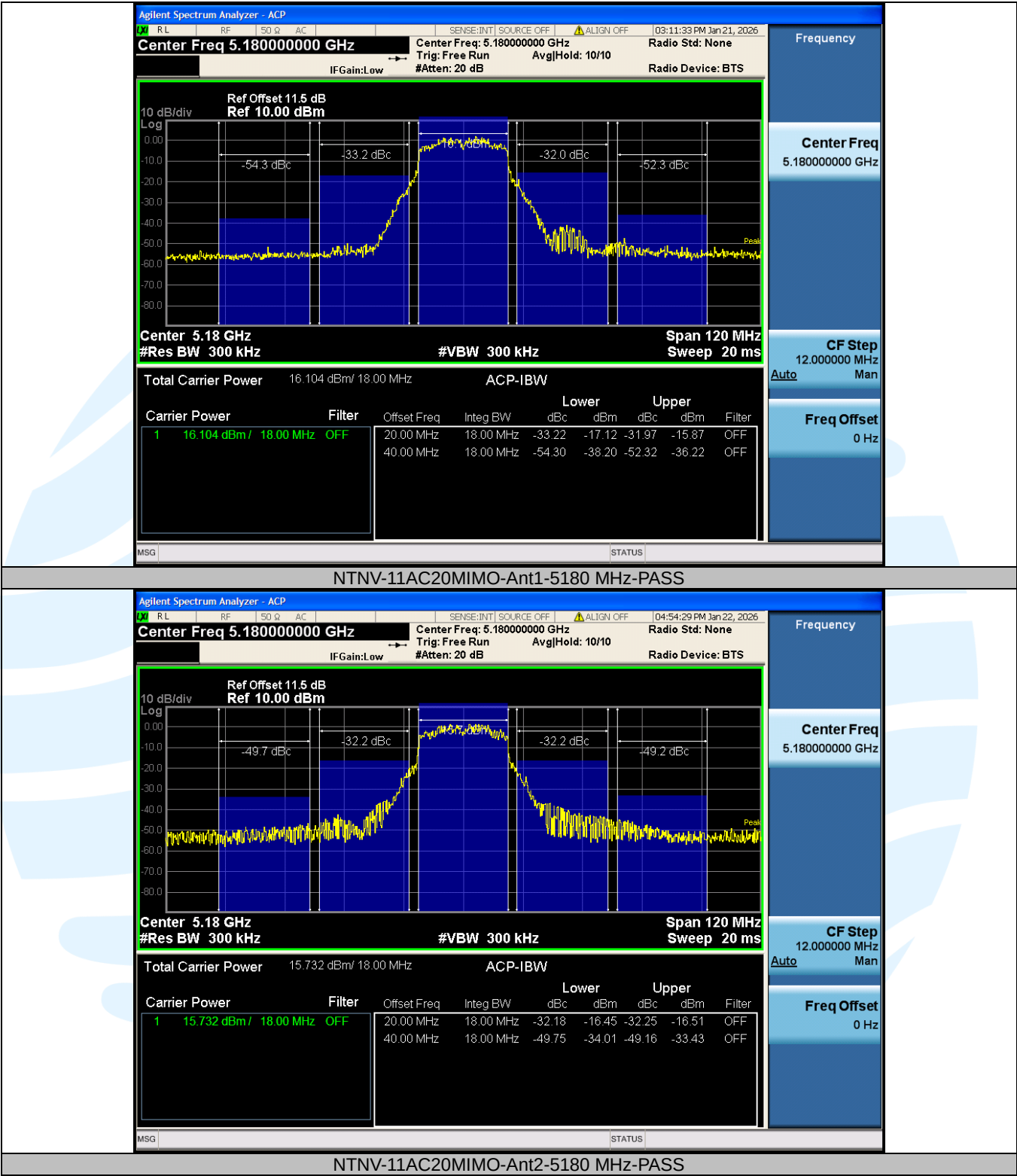


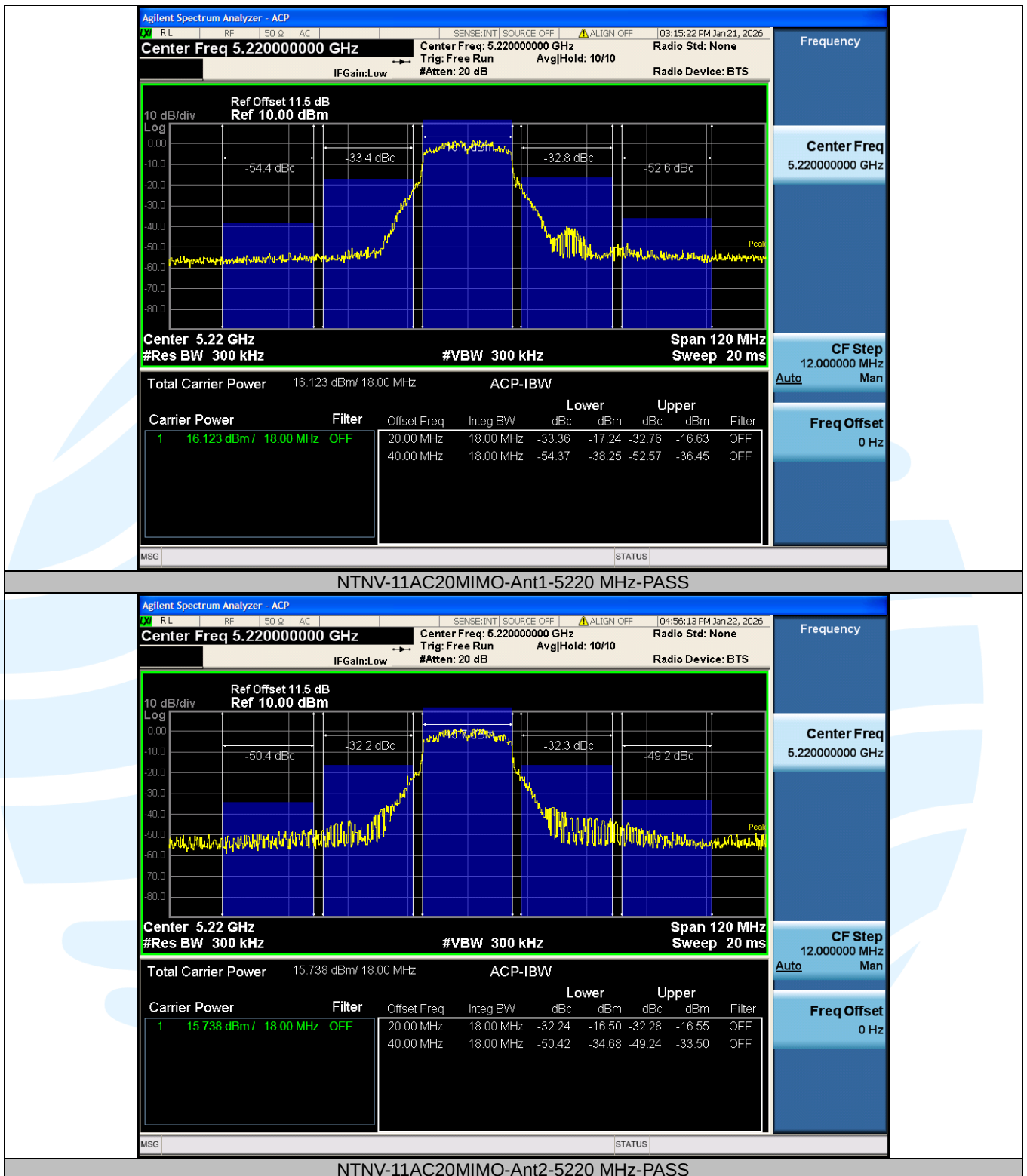


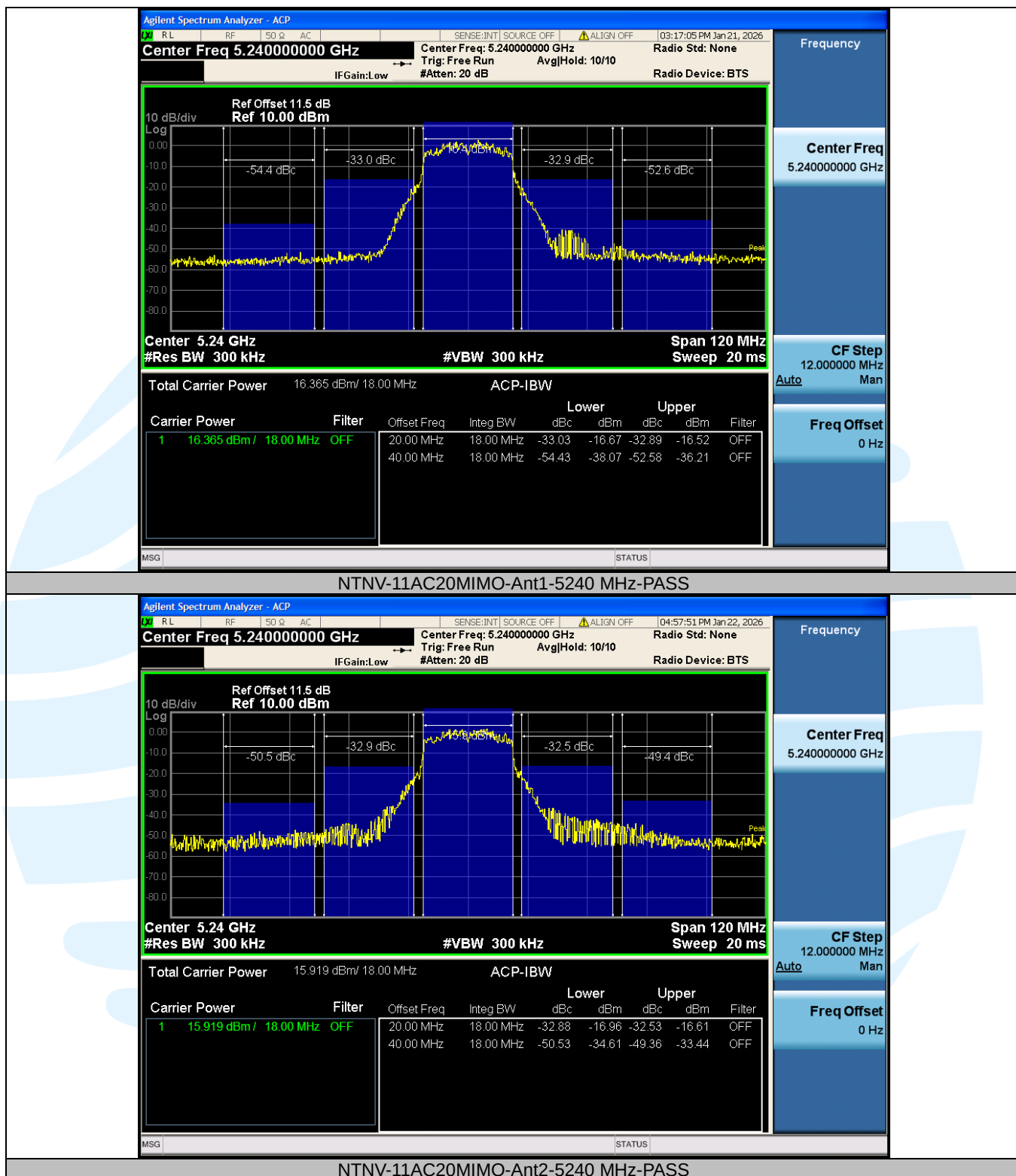


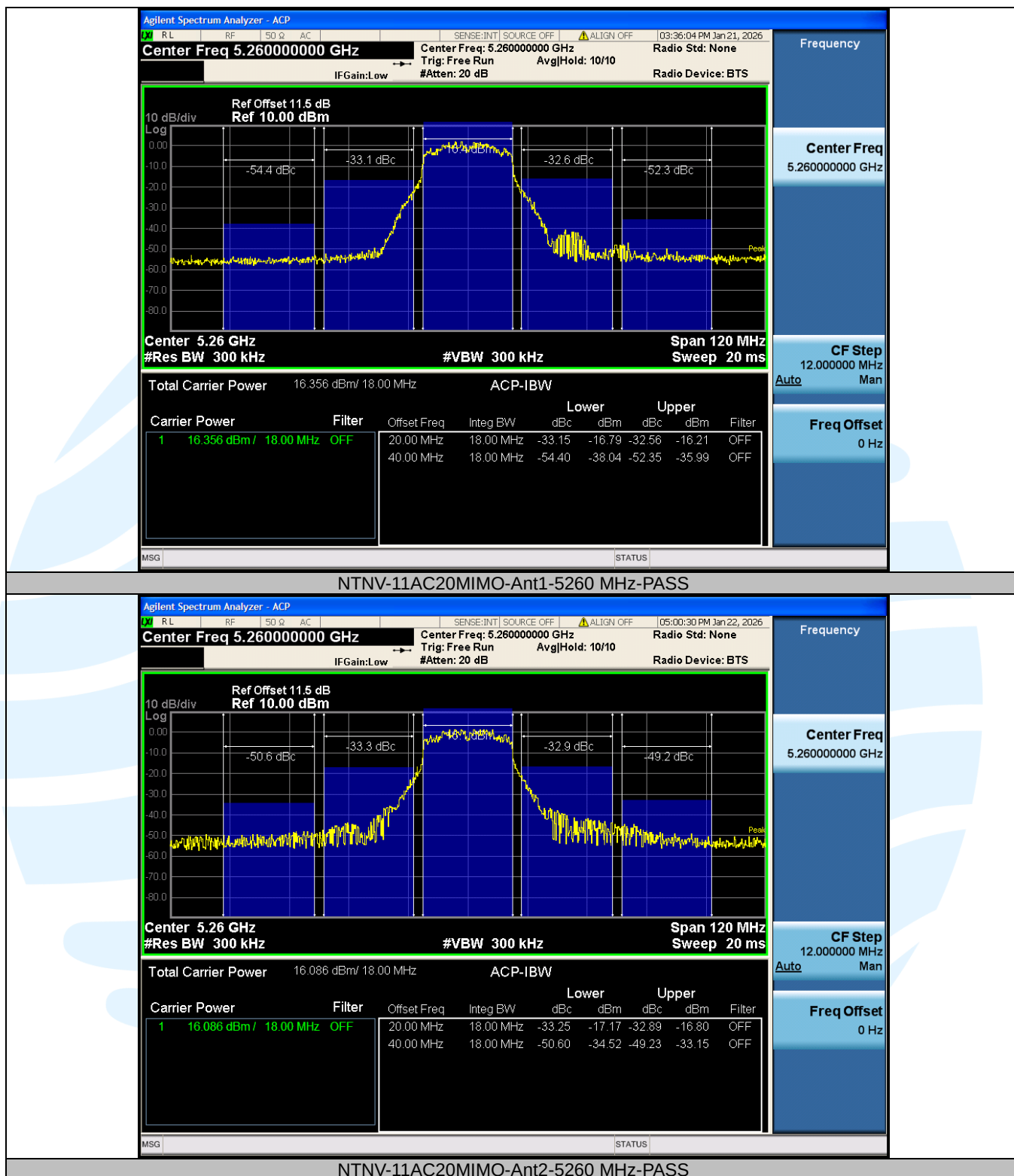










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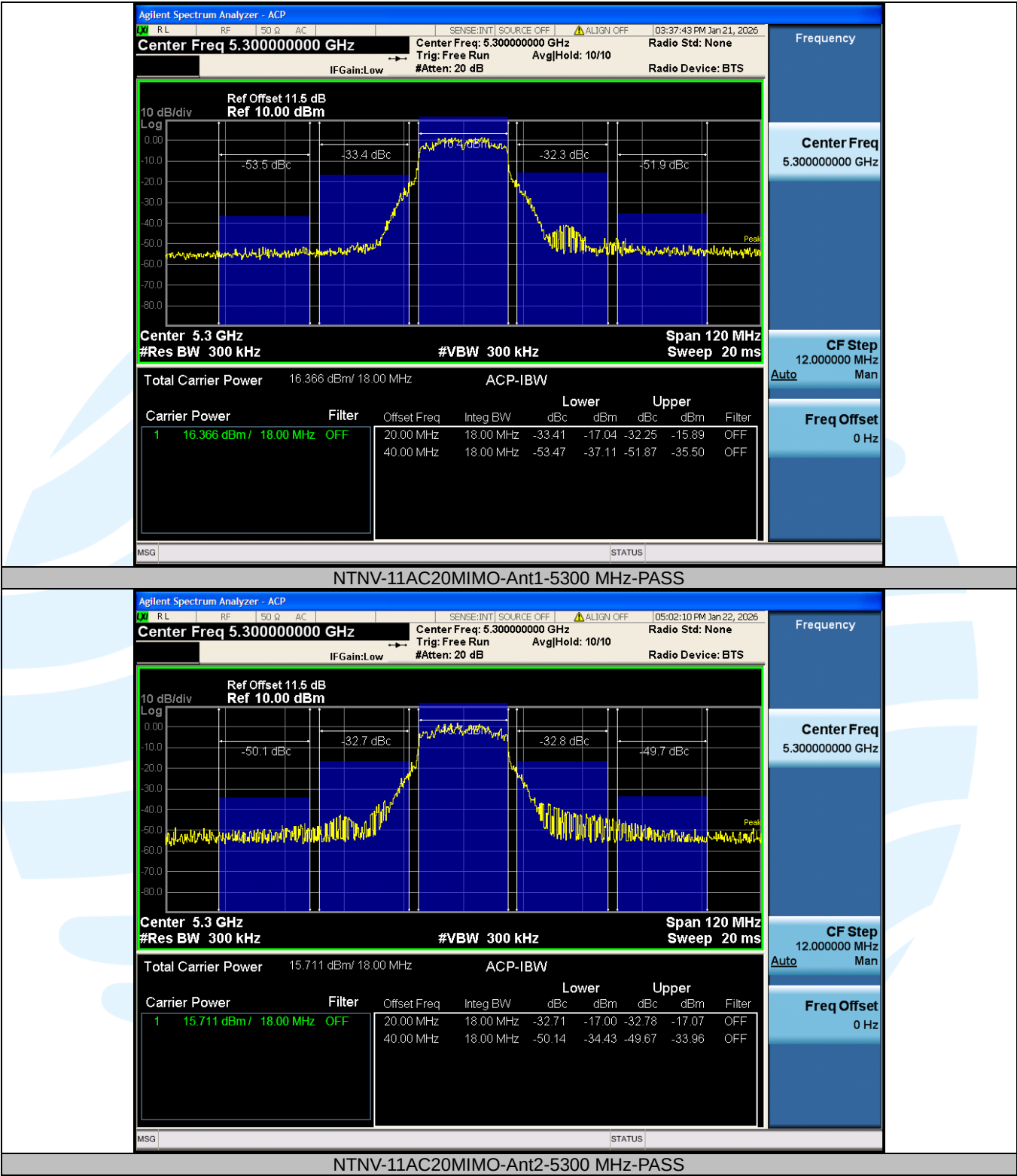
Tel: +86-755-28230888

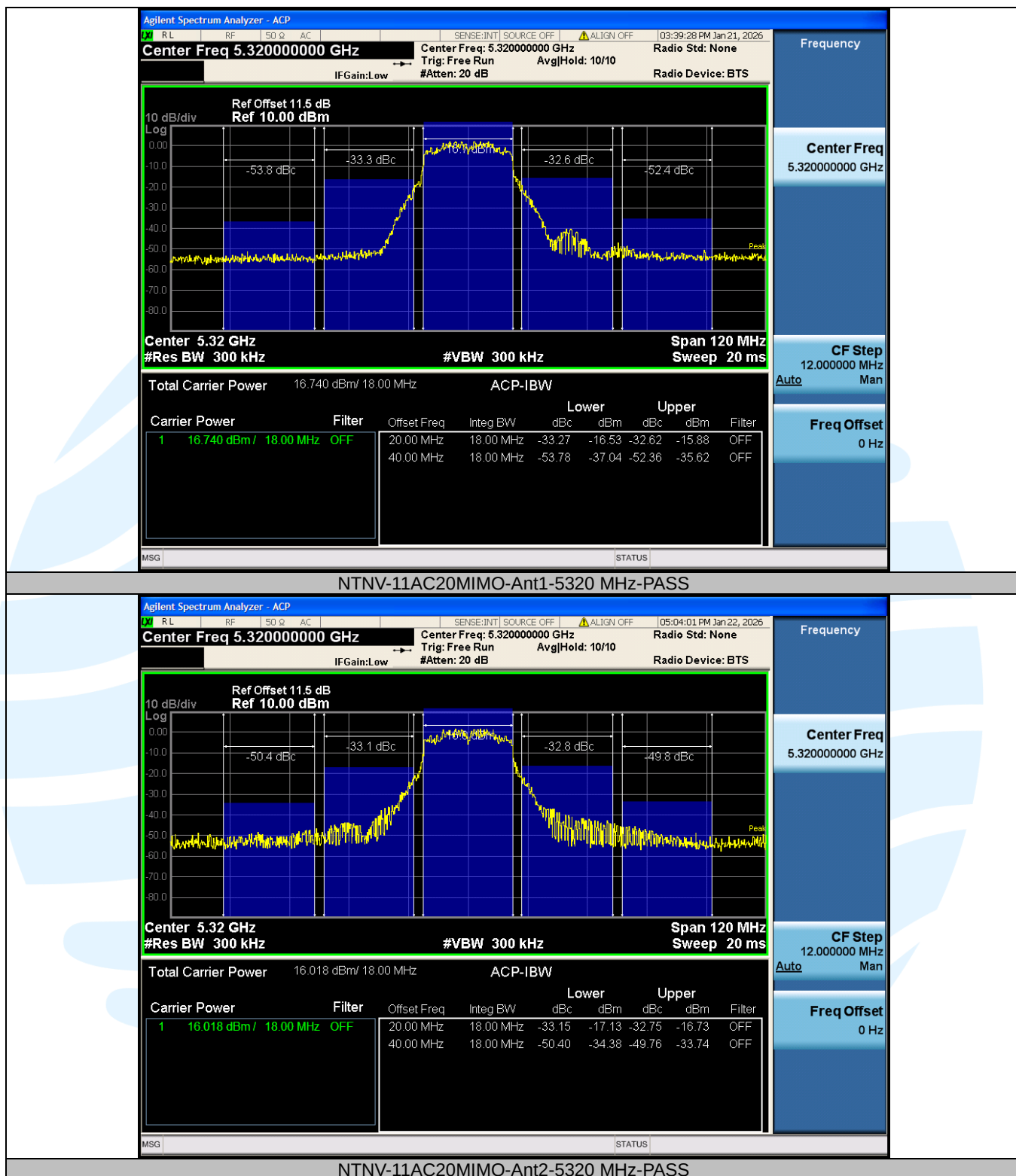
Fax: +86-755-28230886

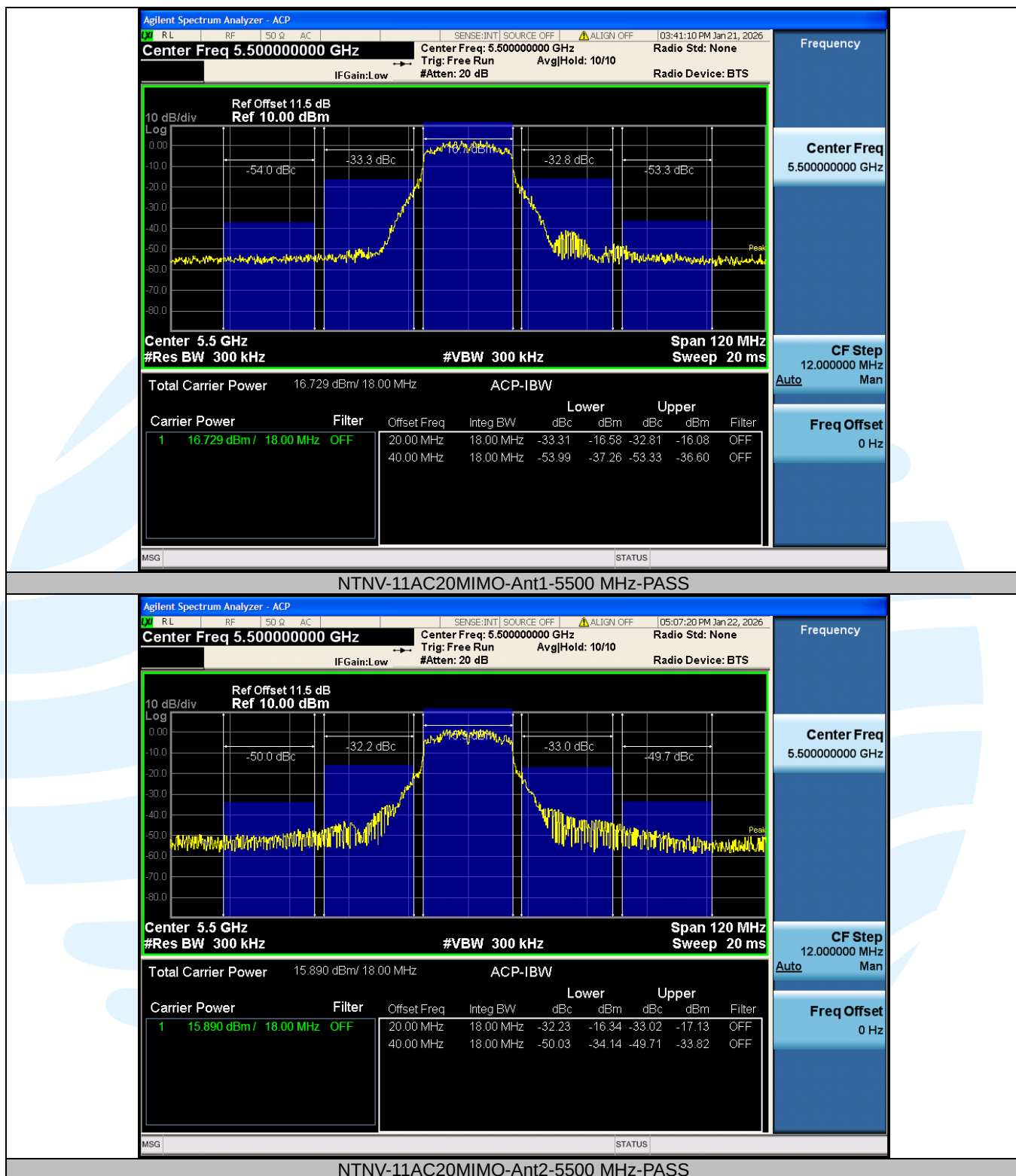
E-mail: info@uttlab.com

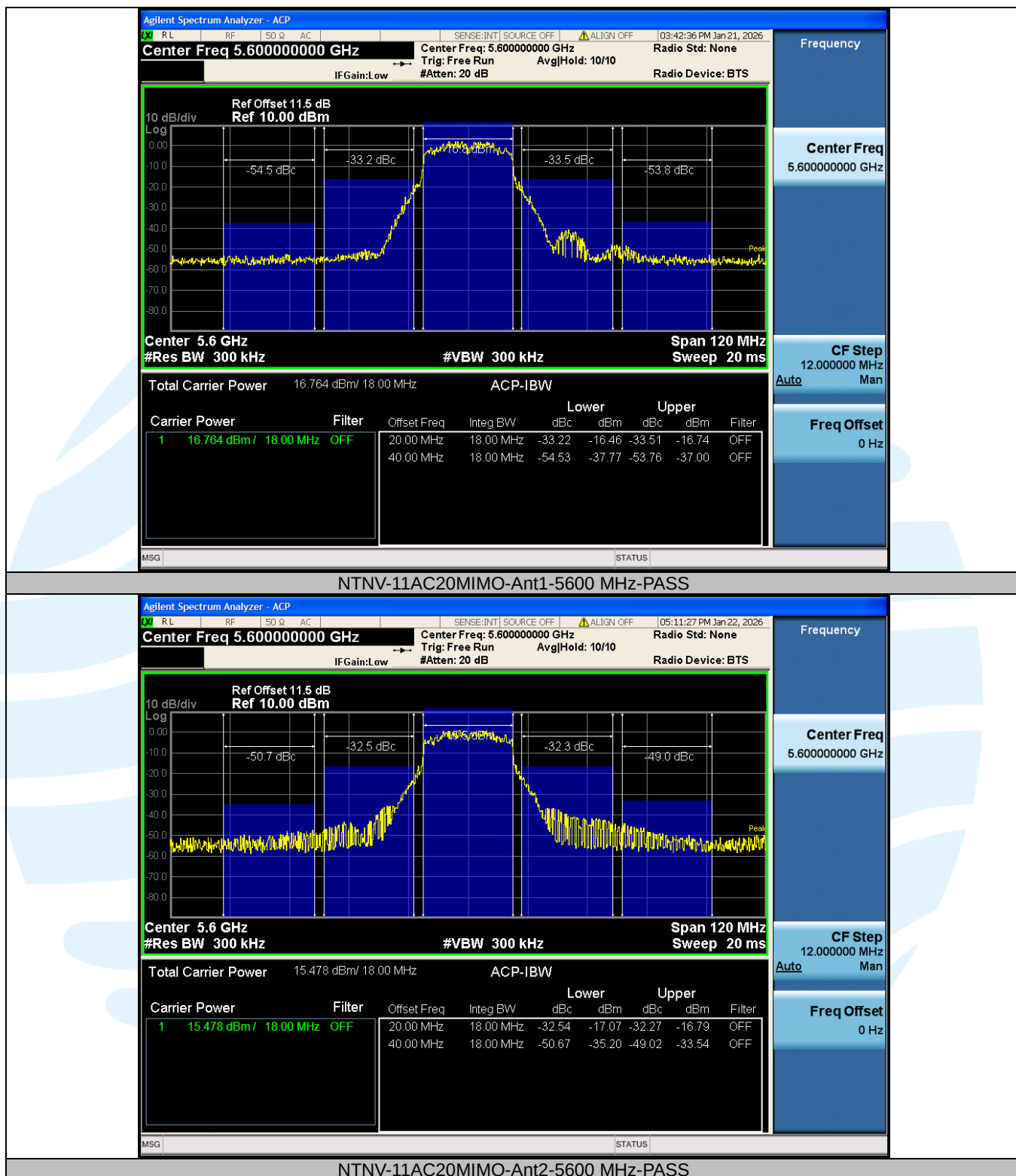
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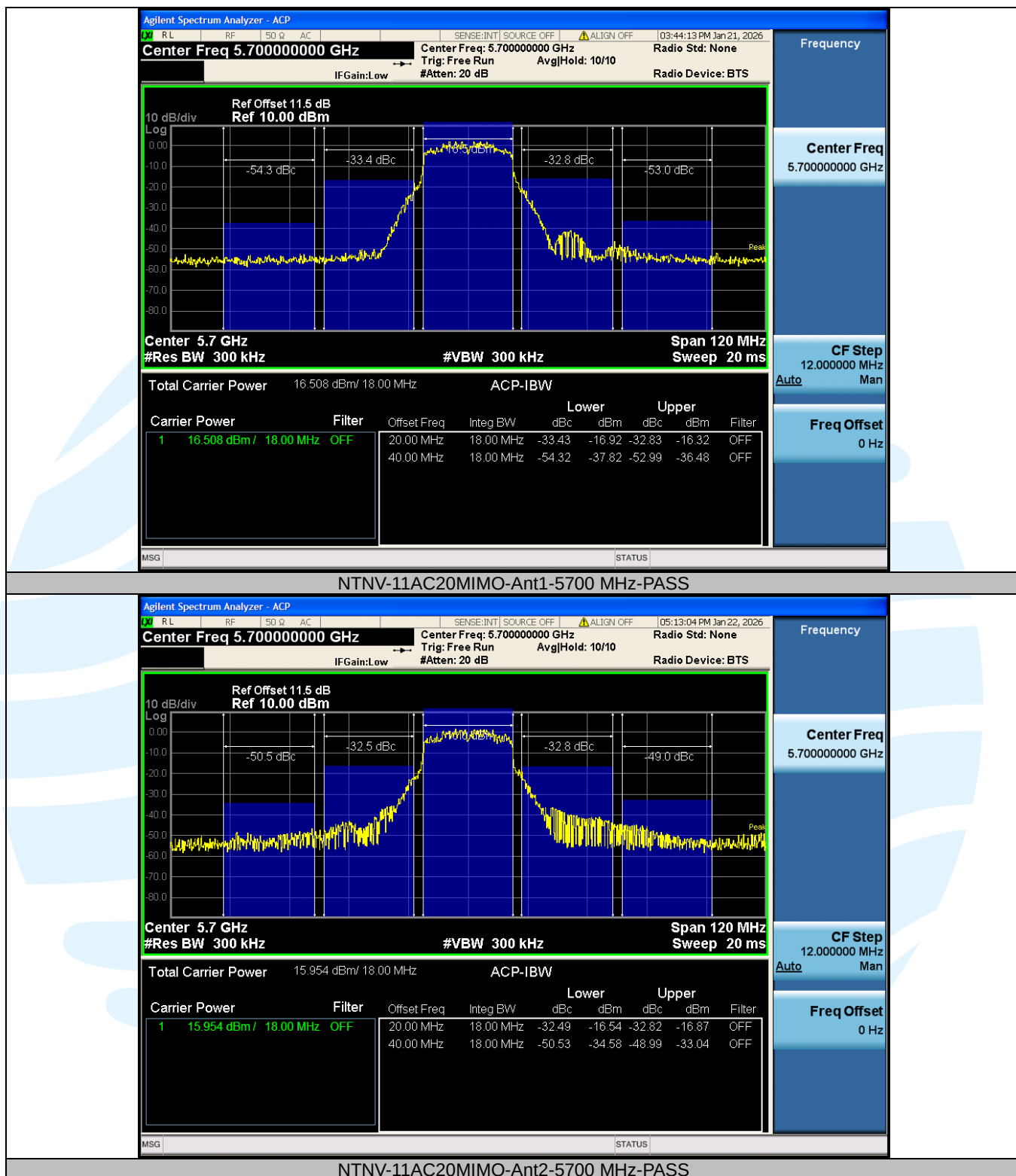
UTTR-RF-STDT71-V1.1

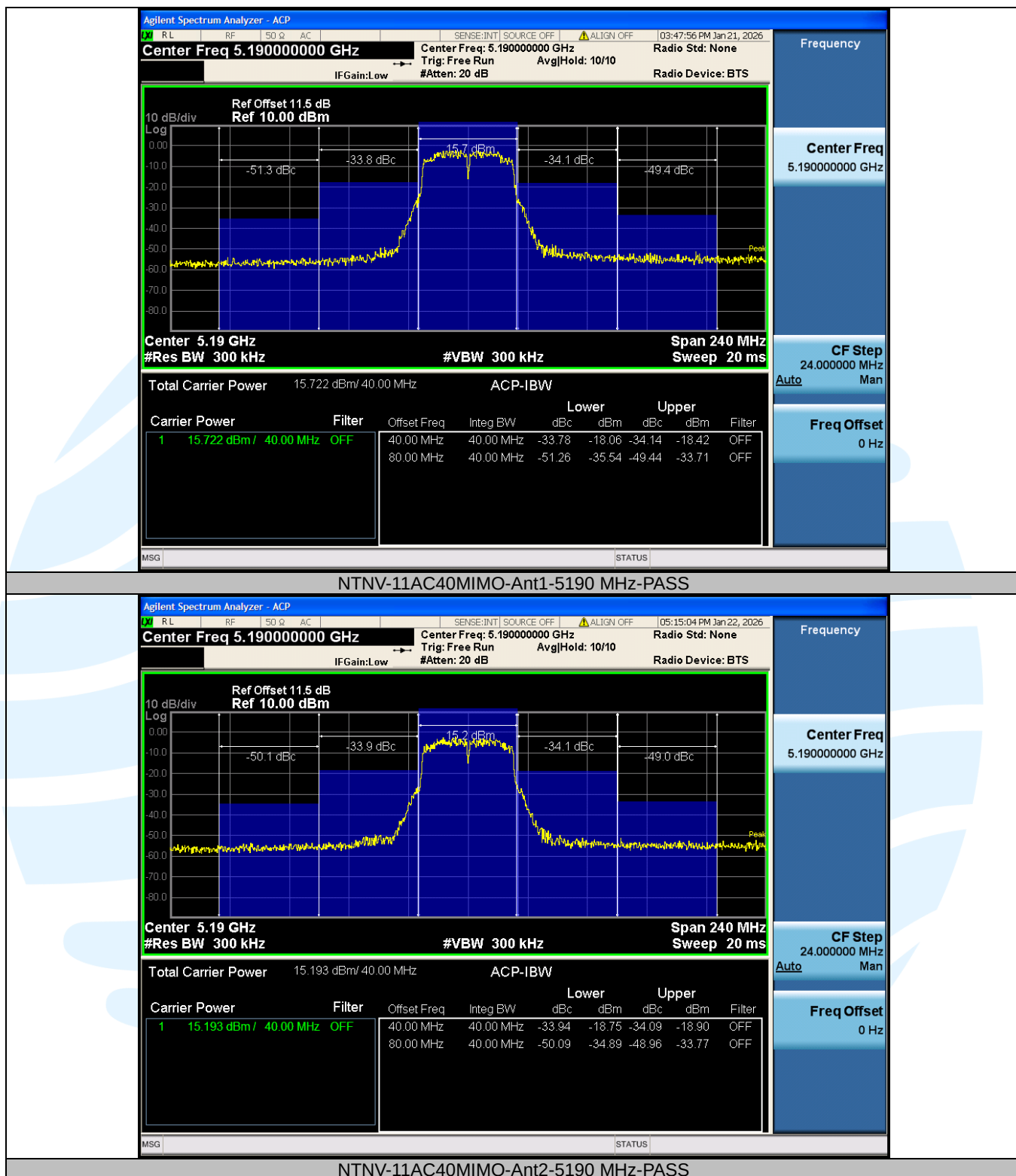


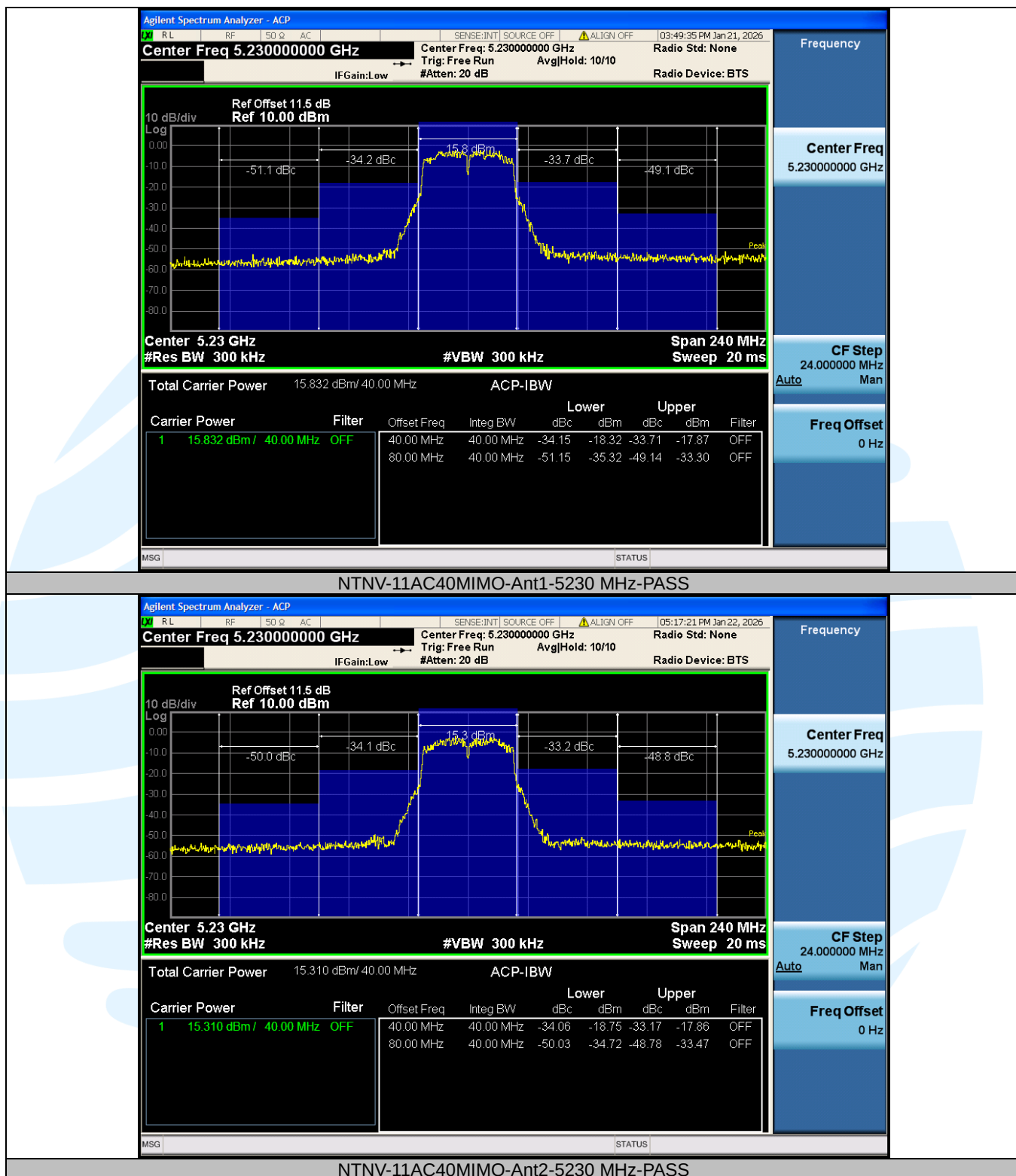


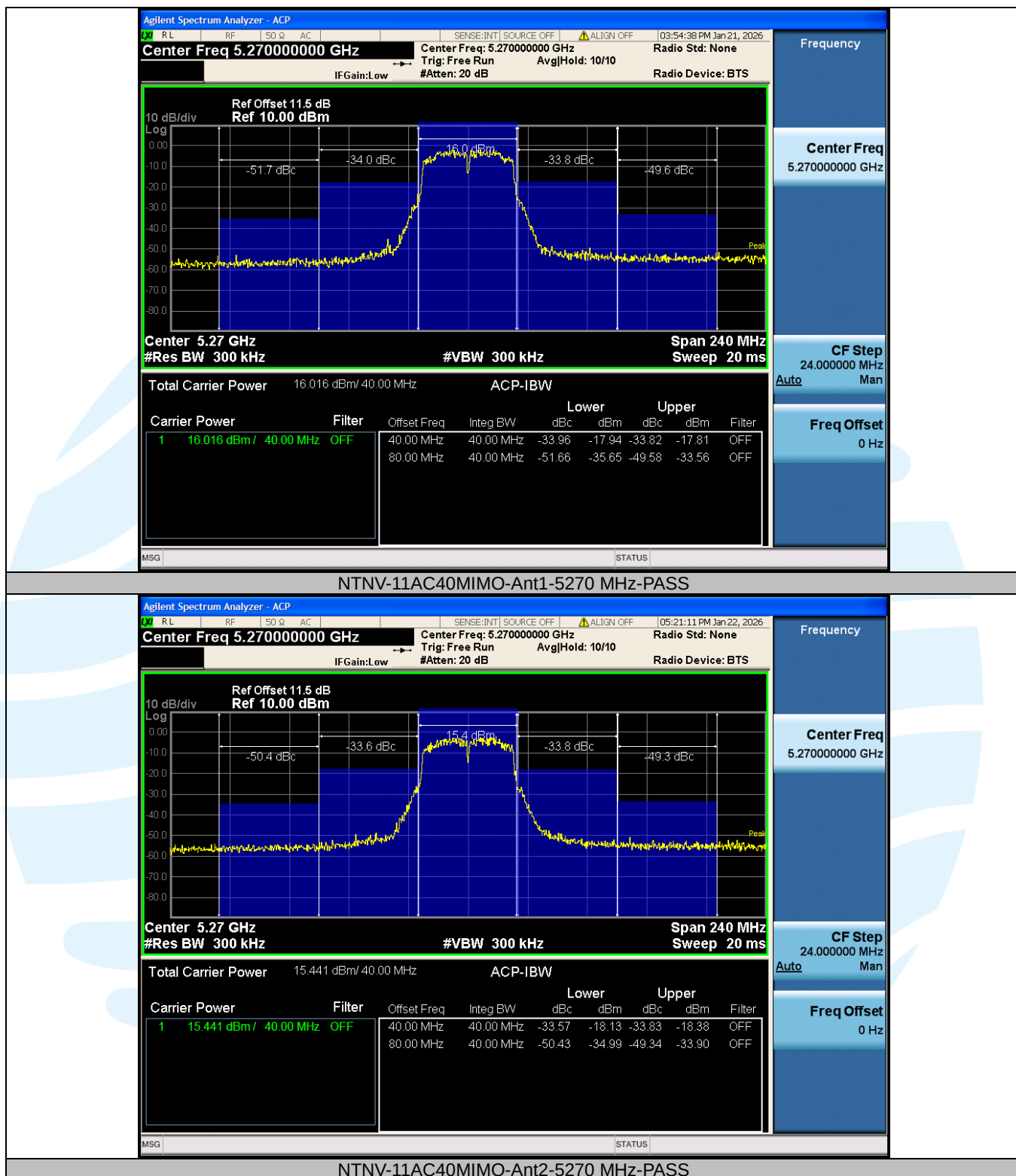


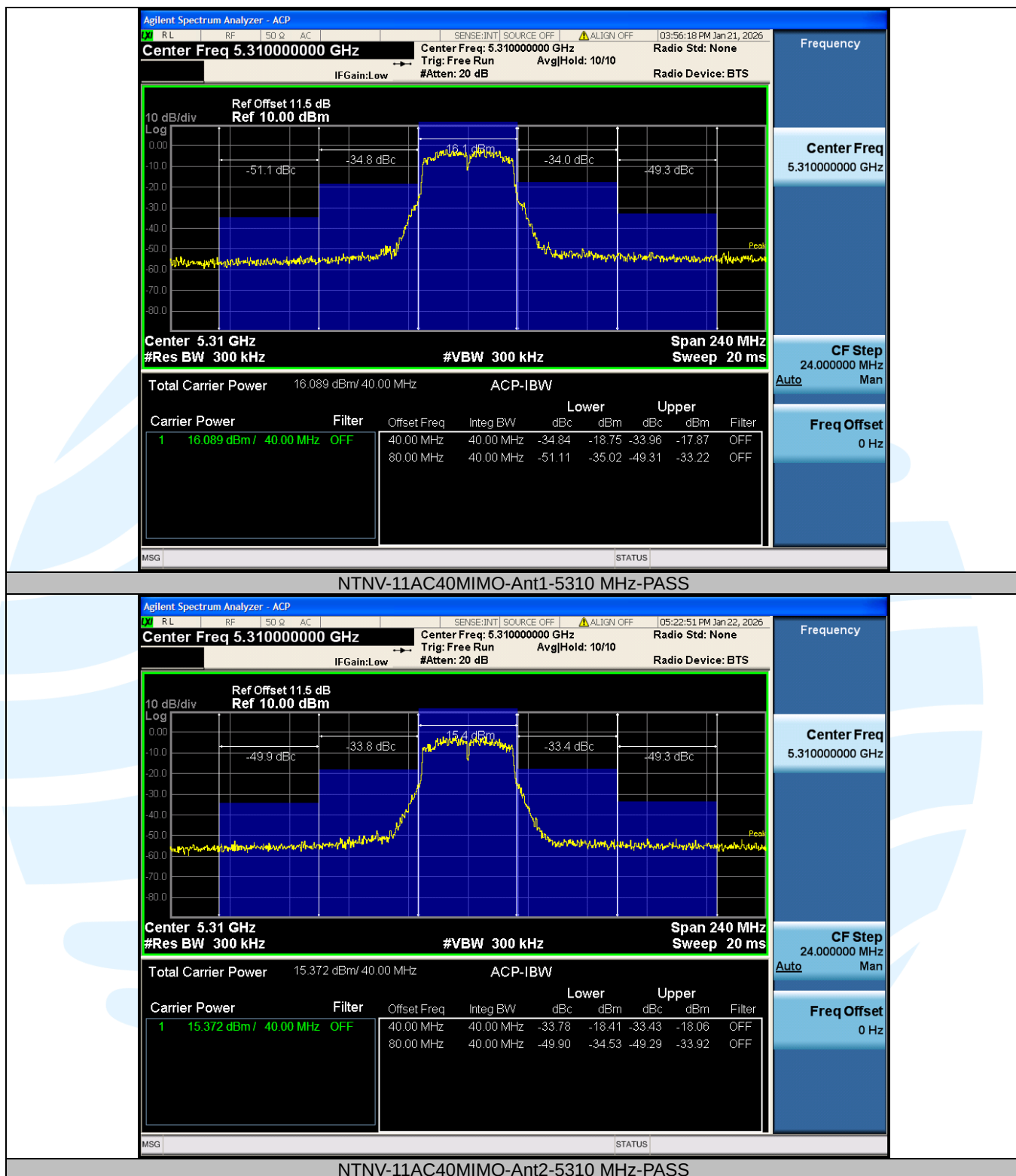


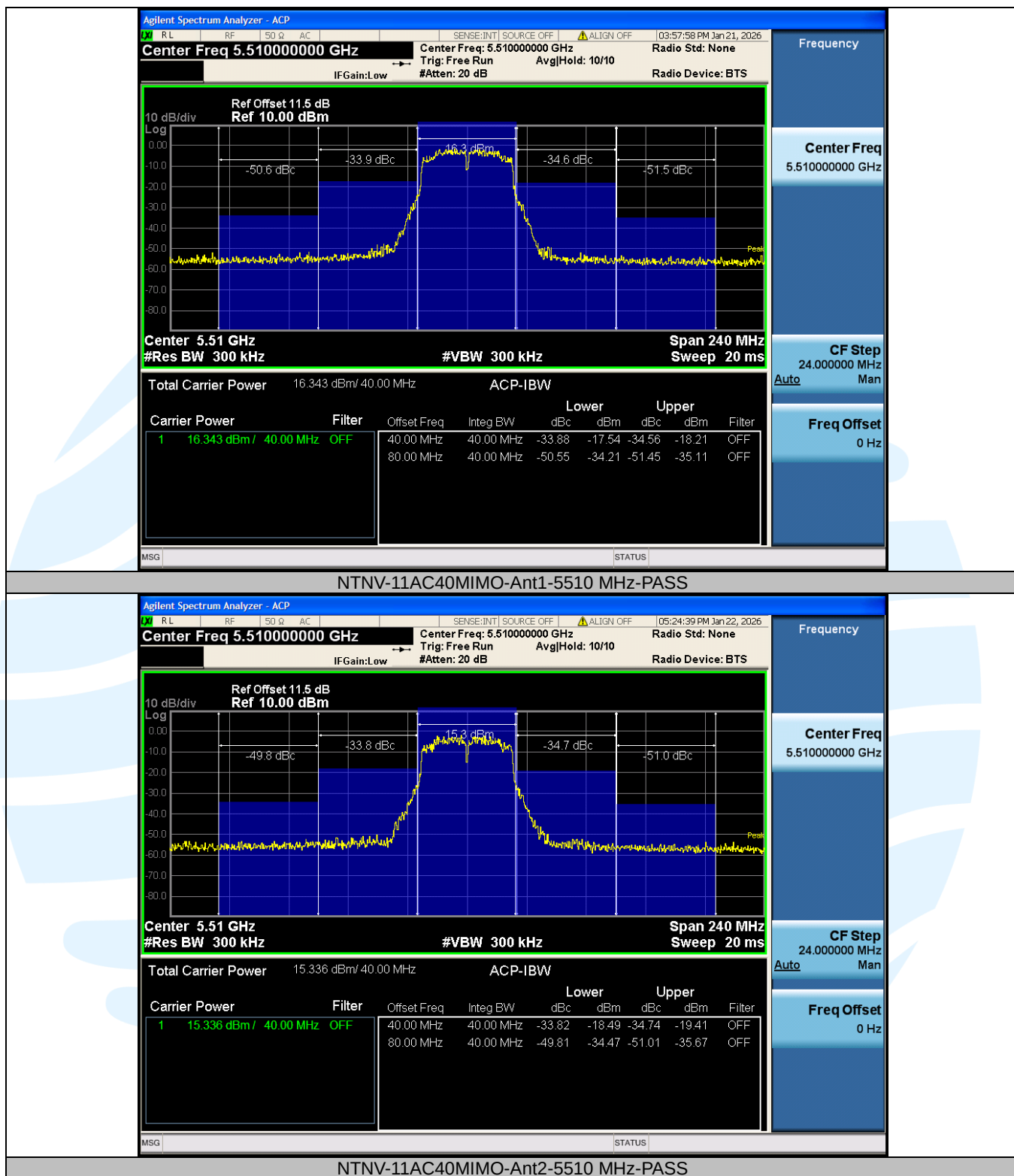


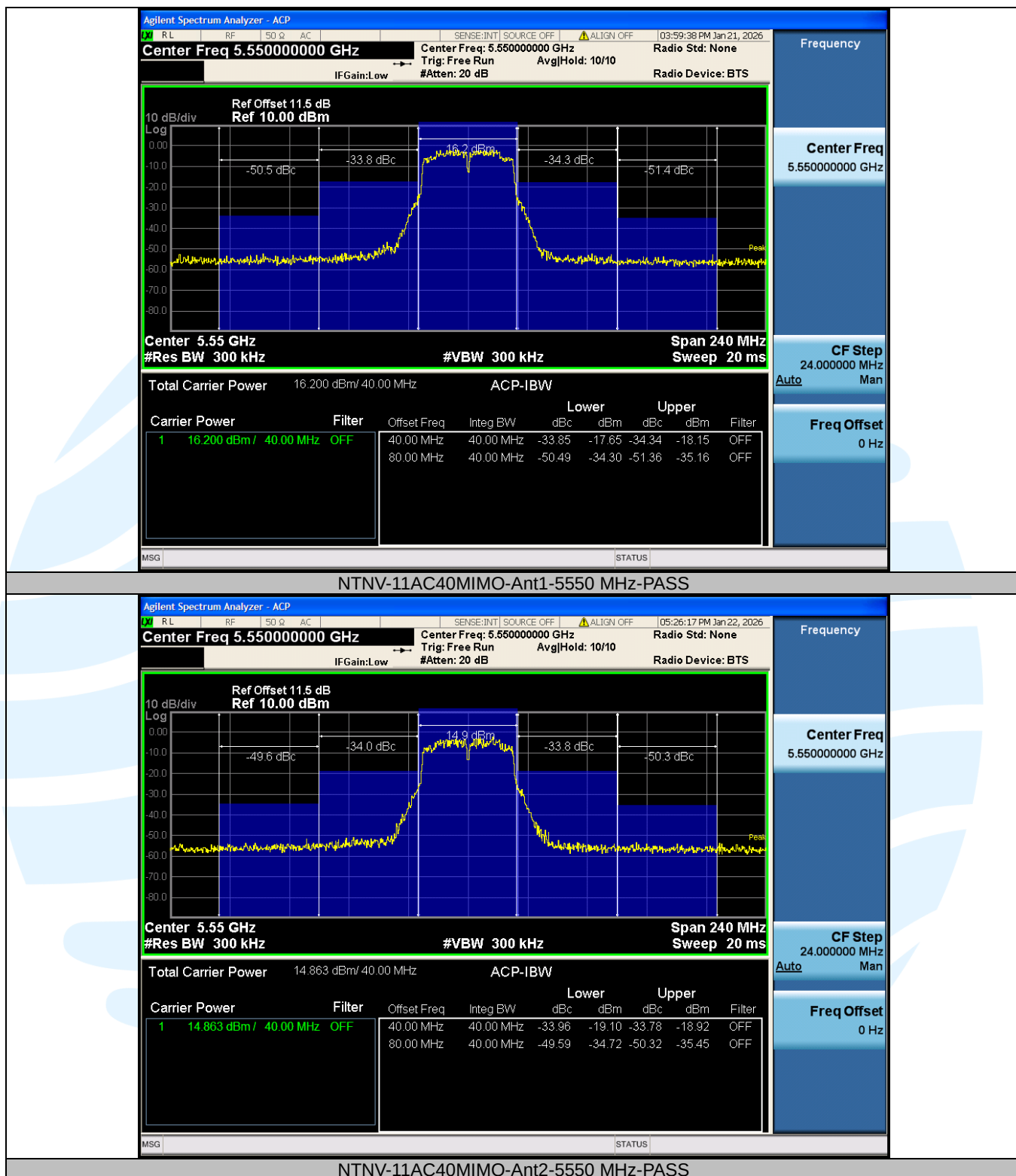


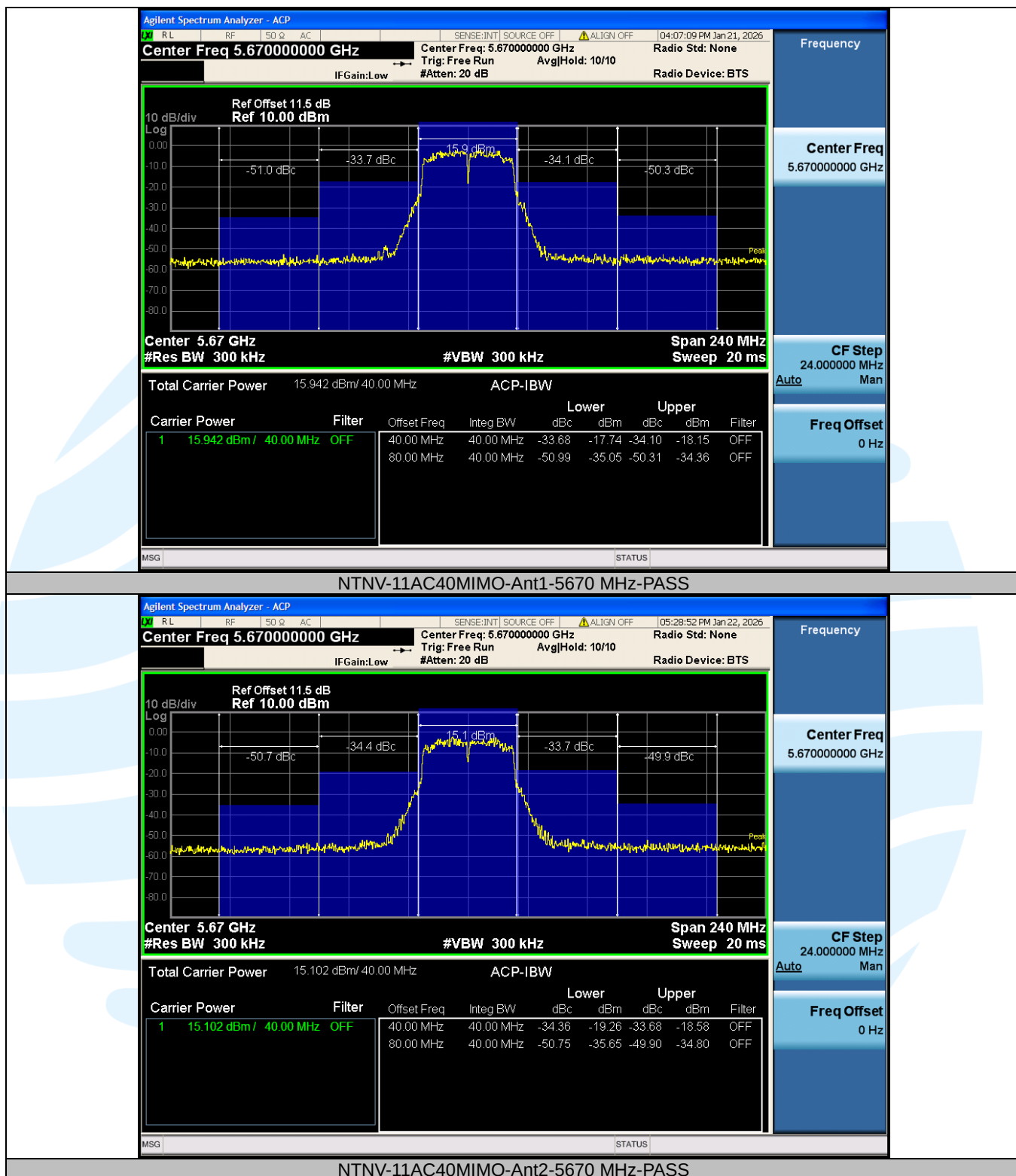


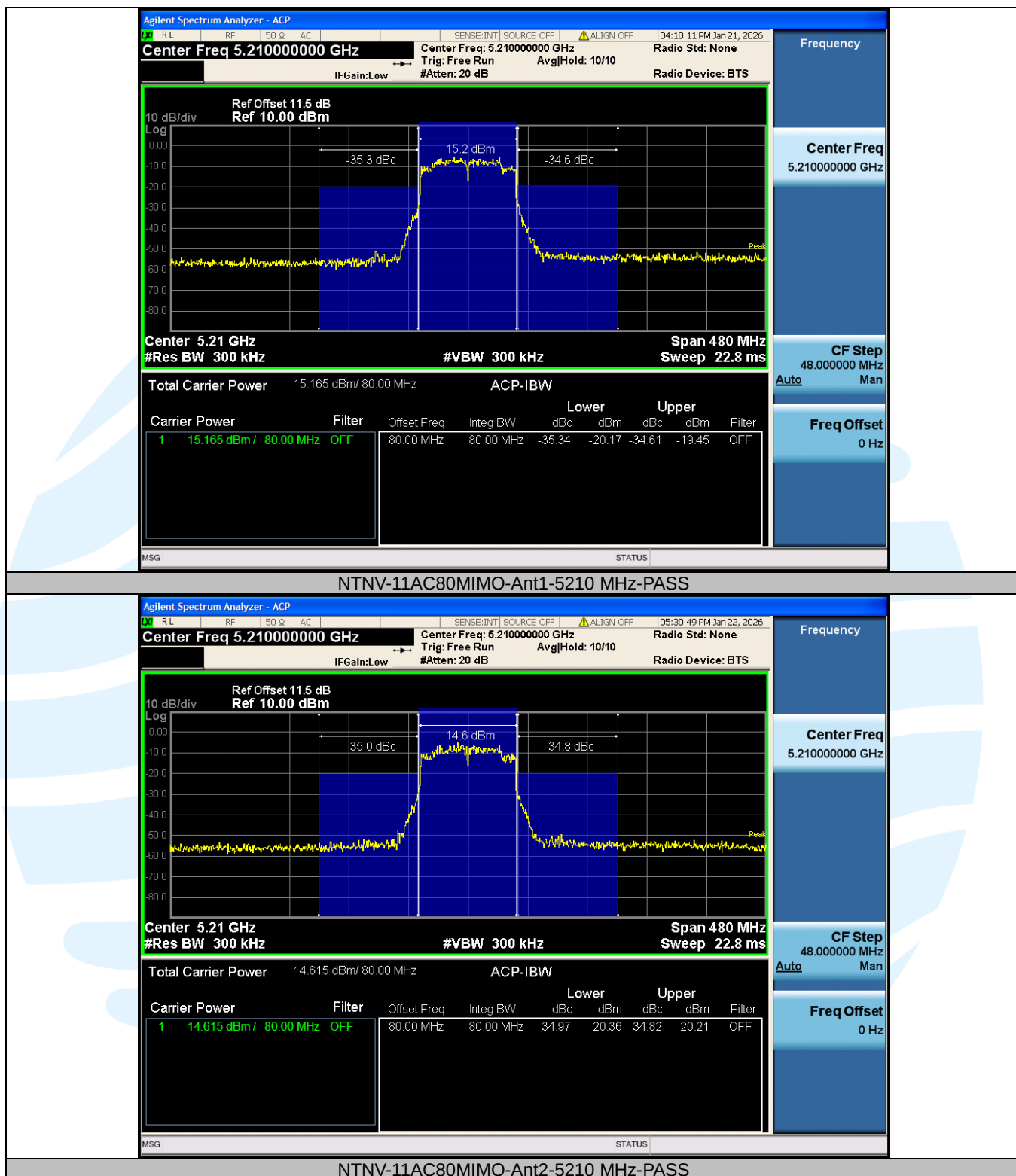


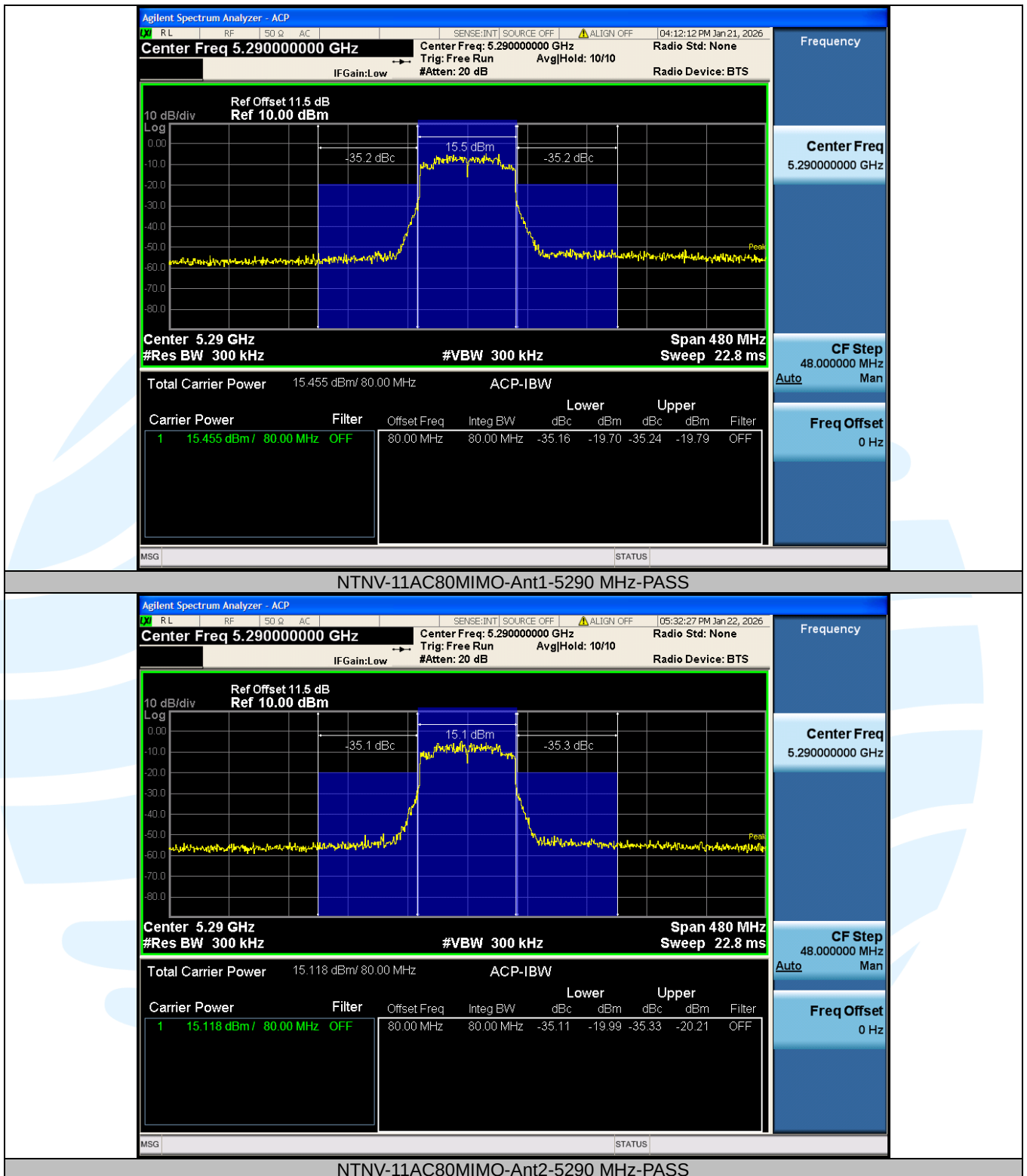


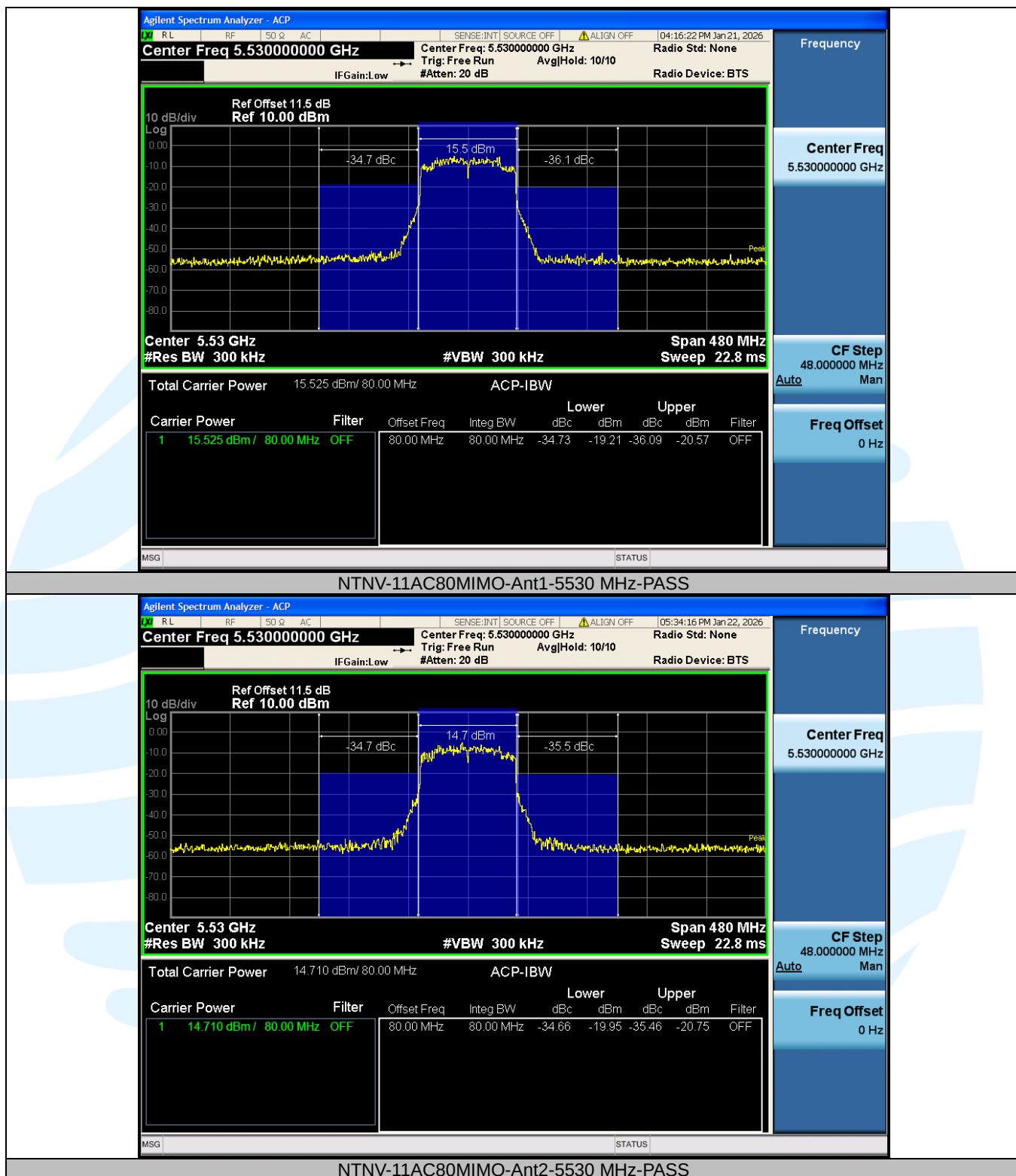


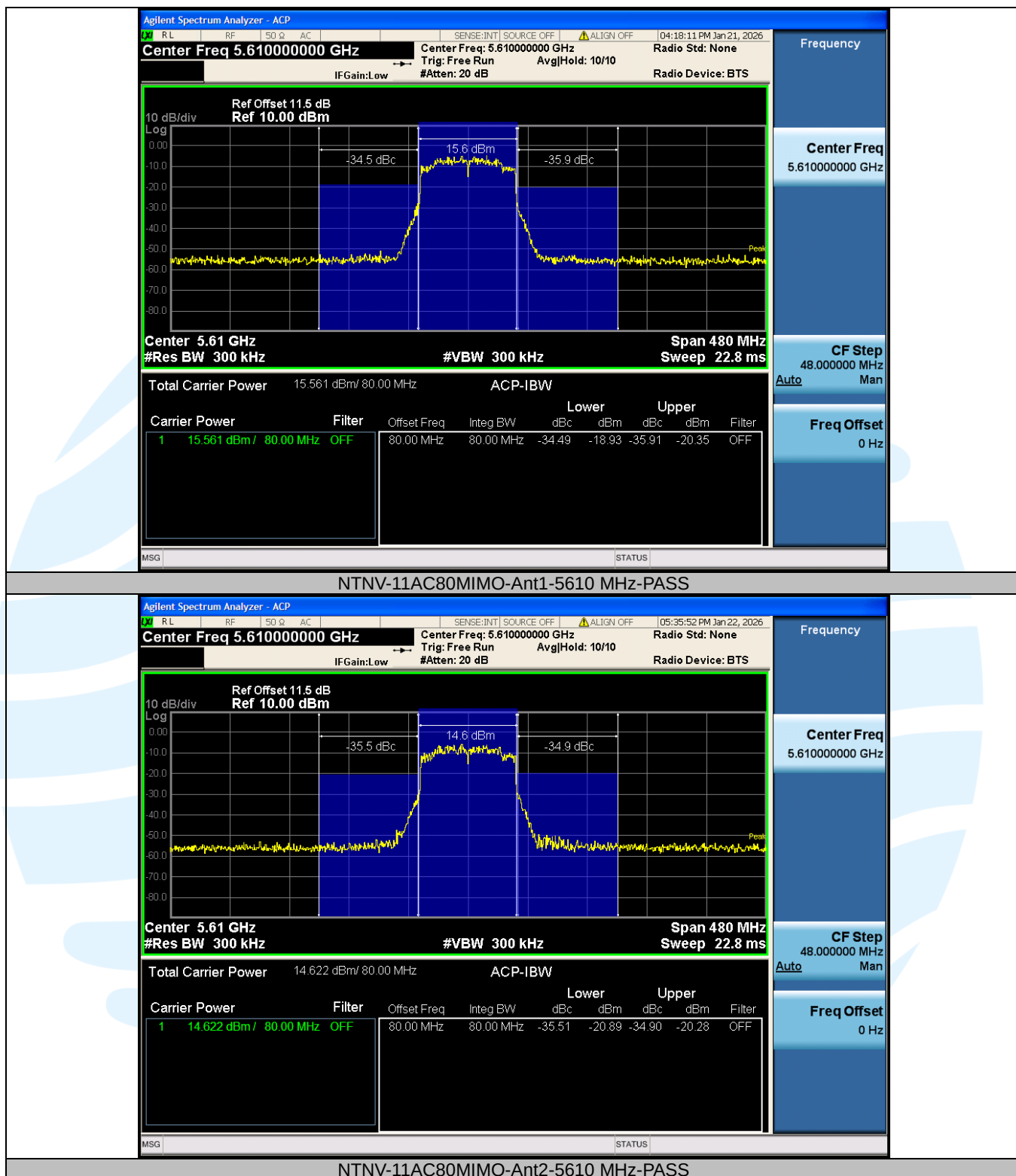


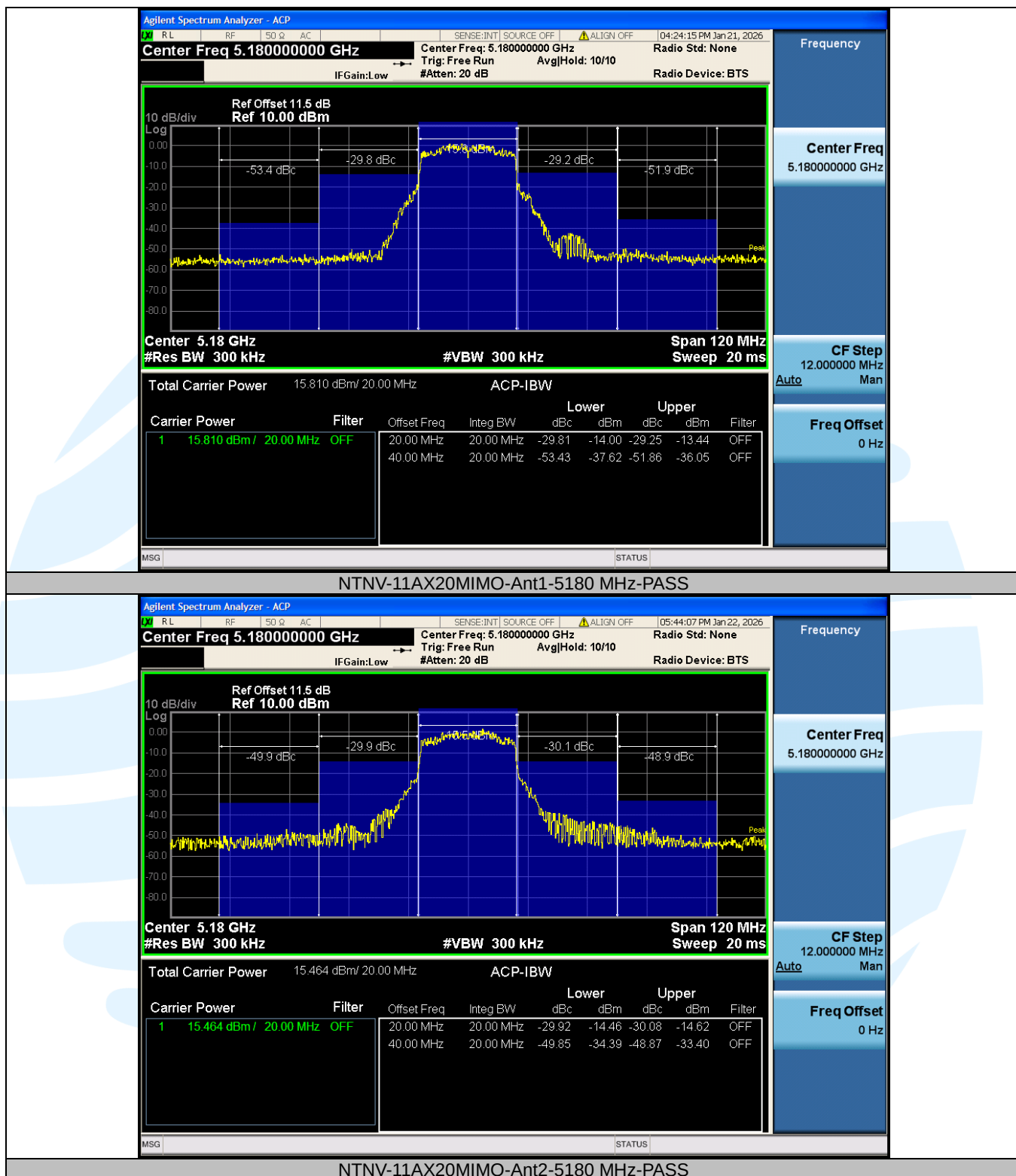


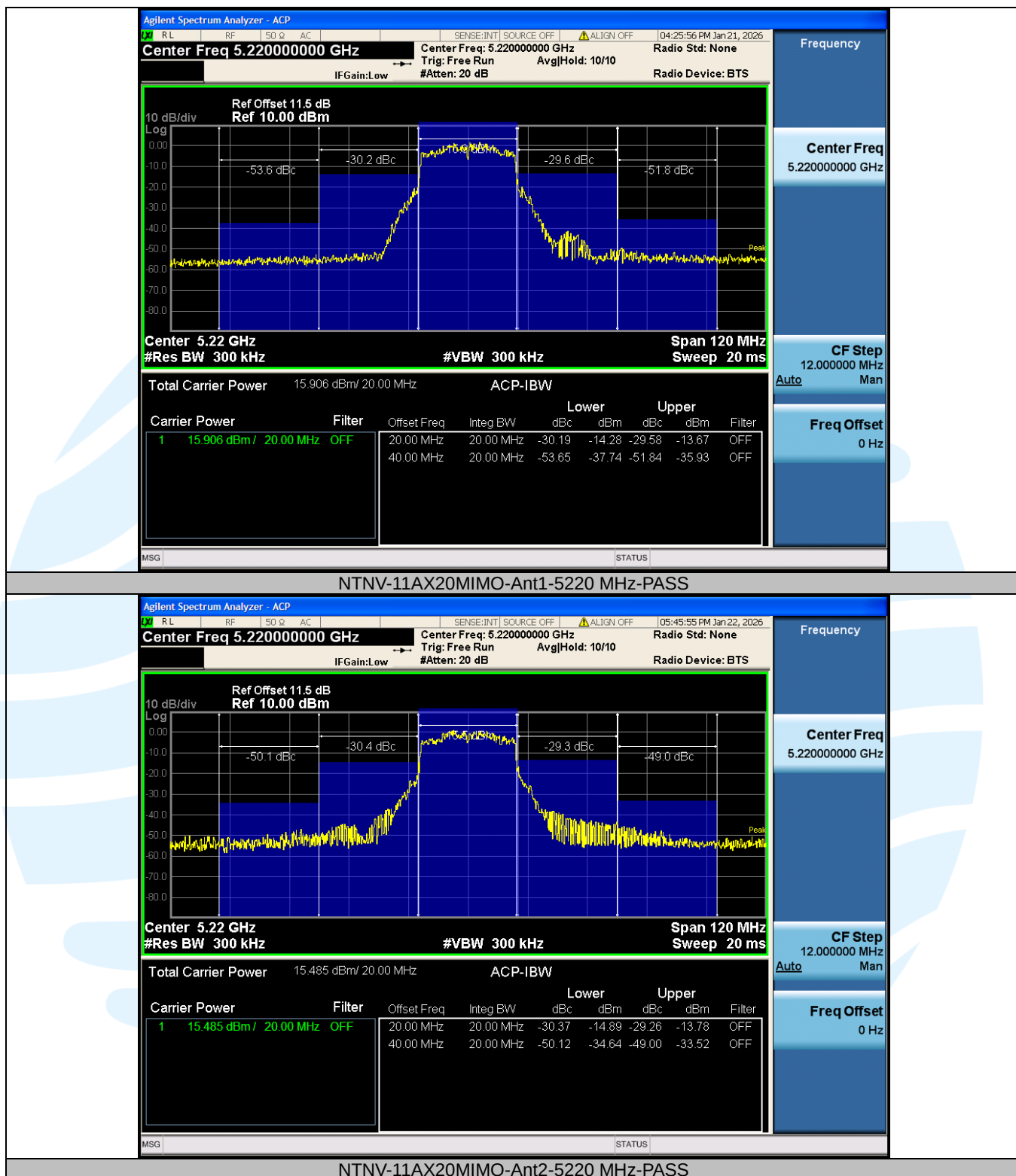


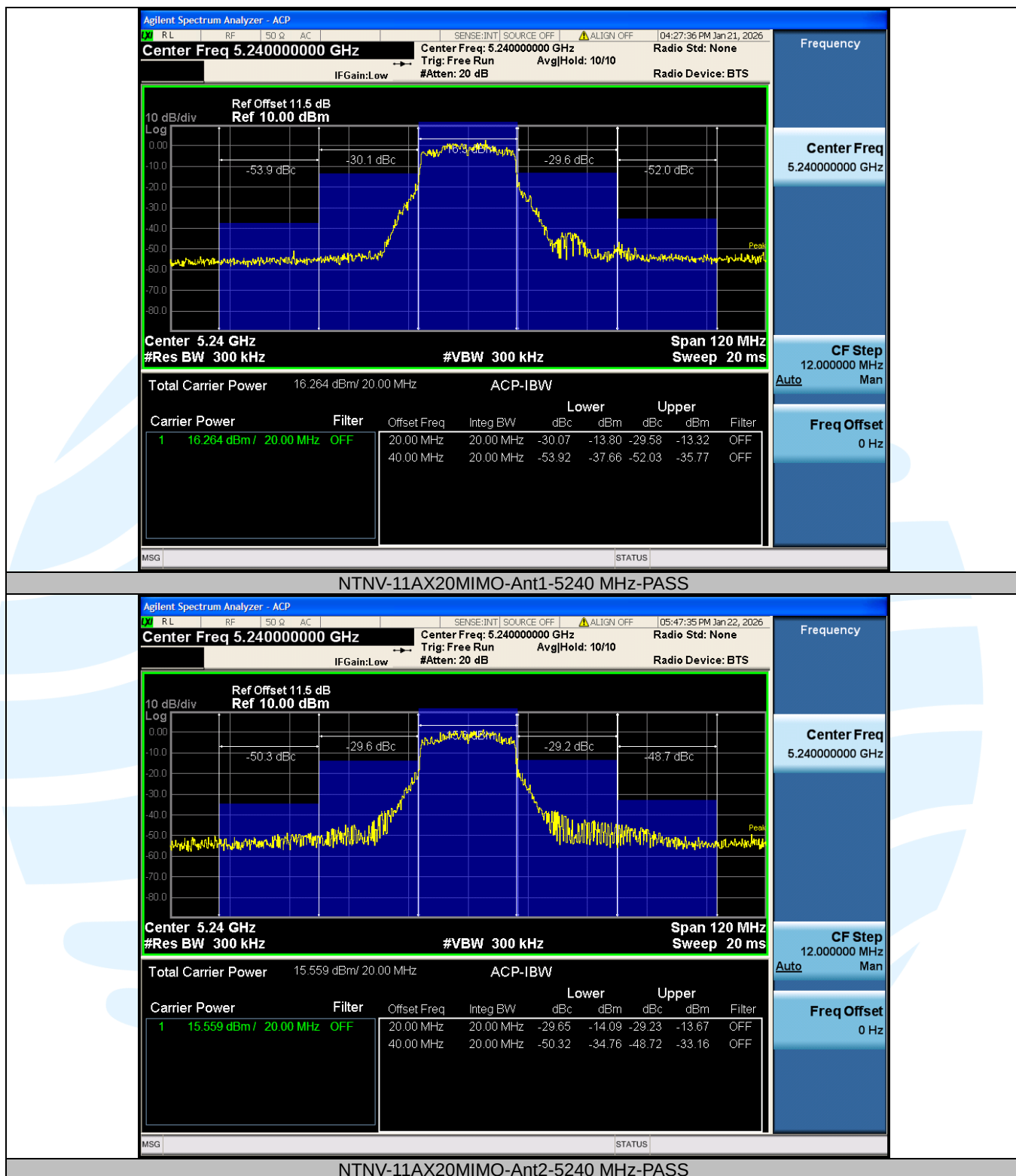


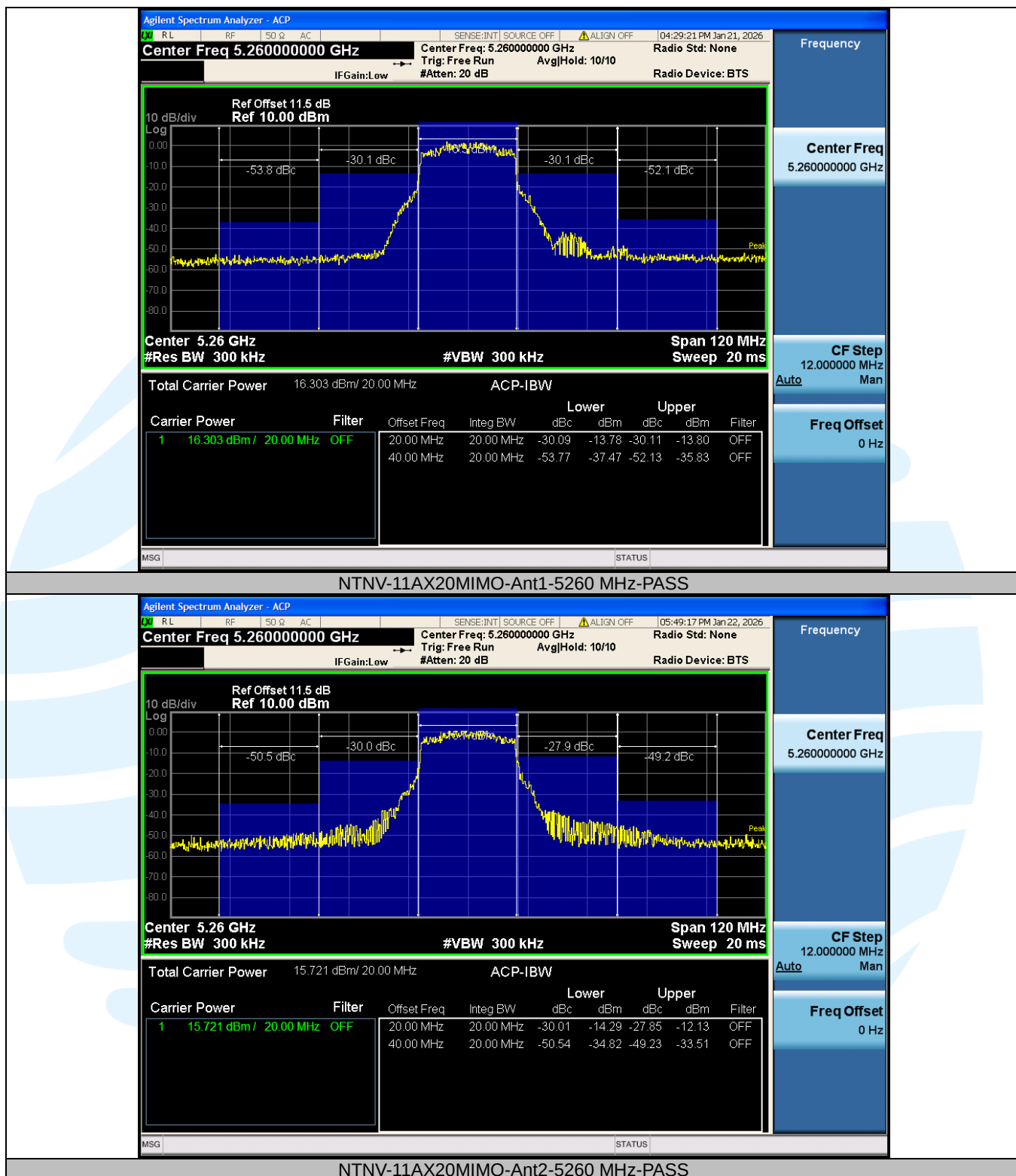


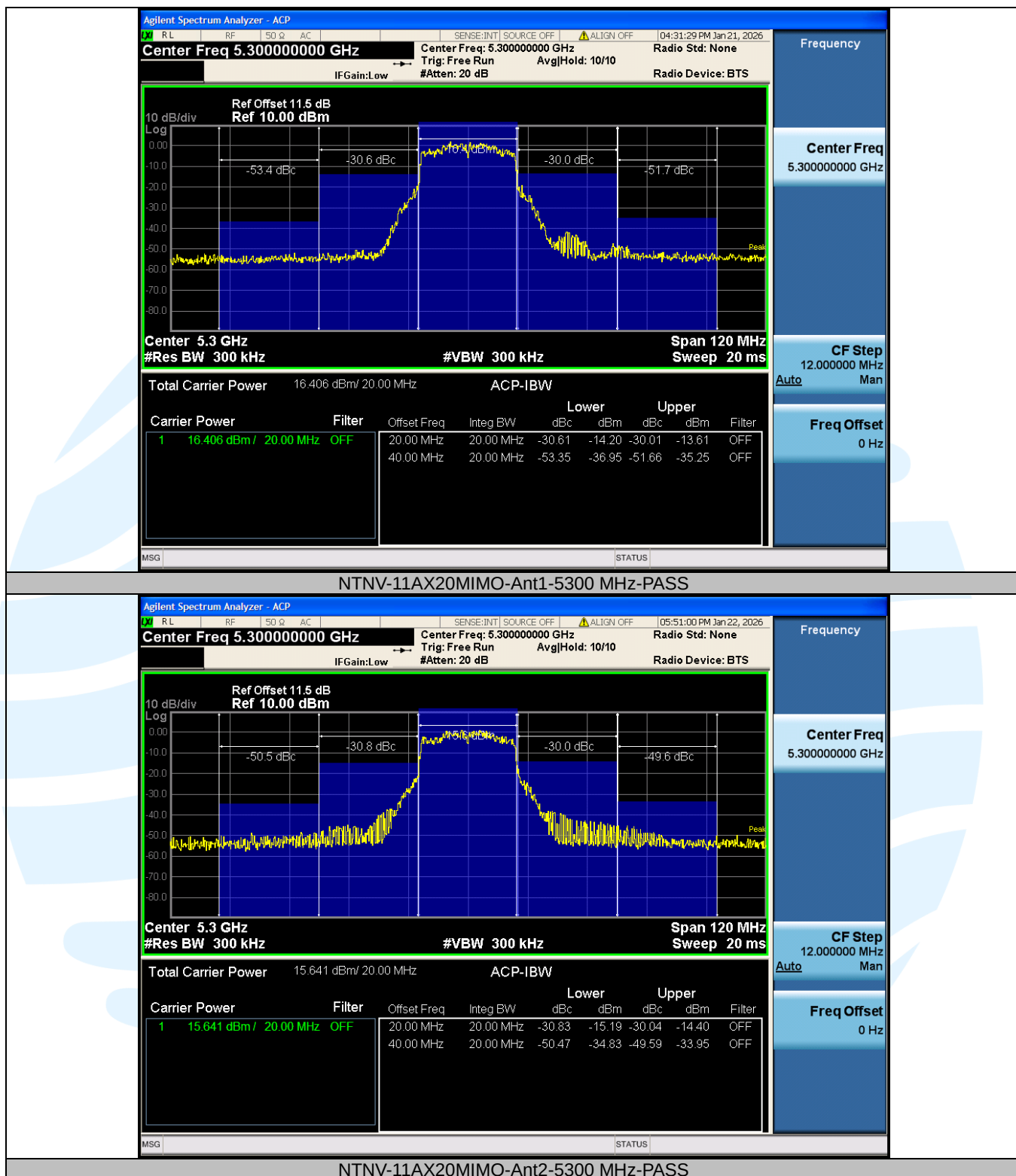


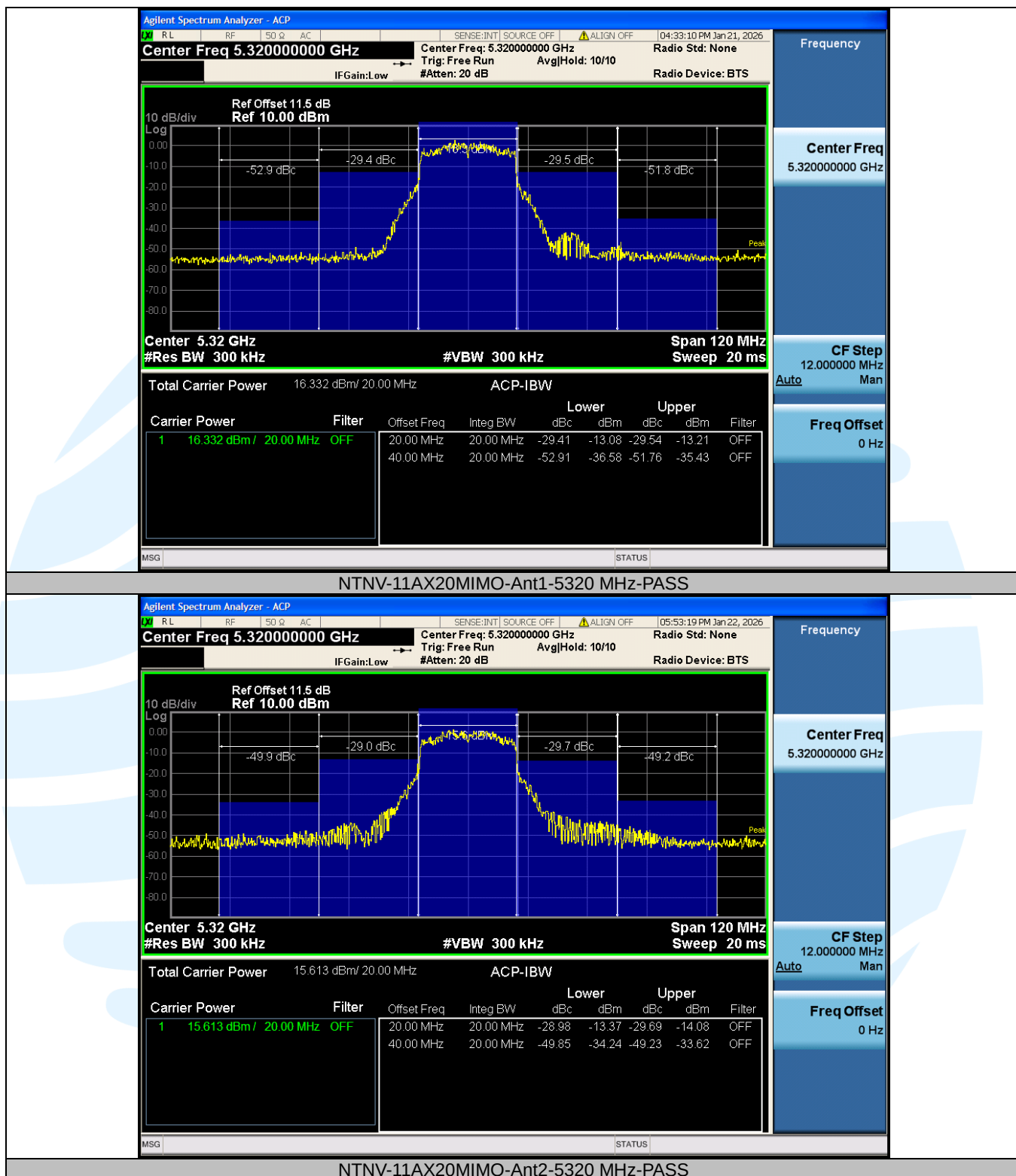


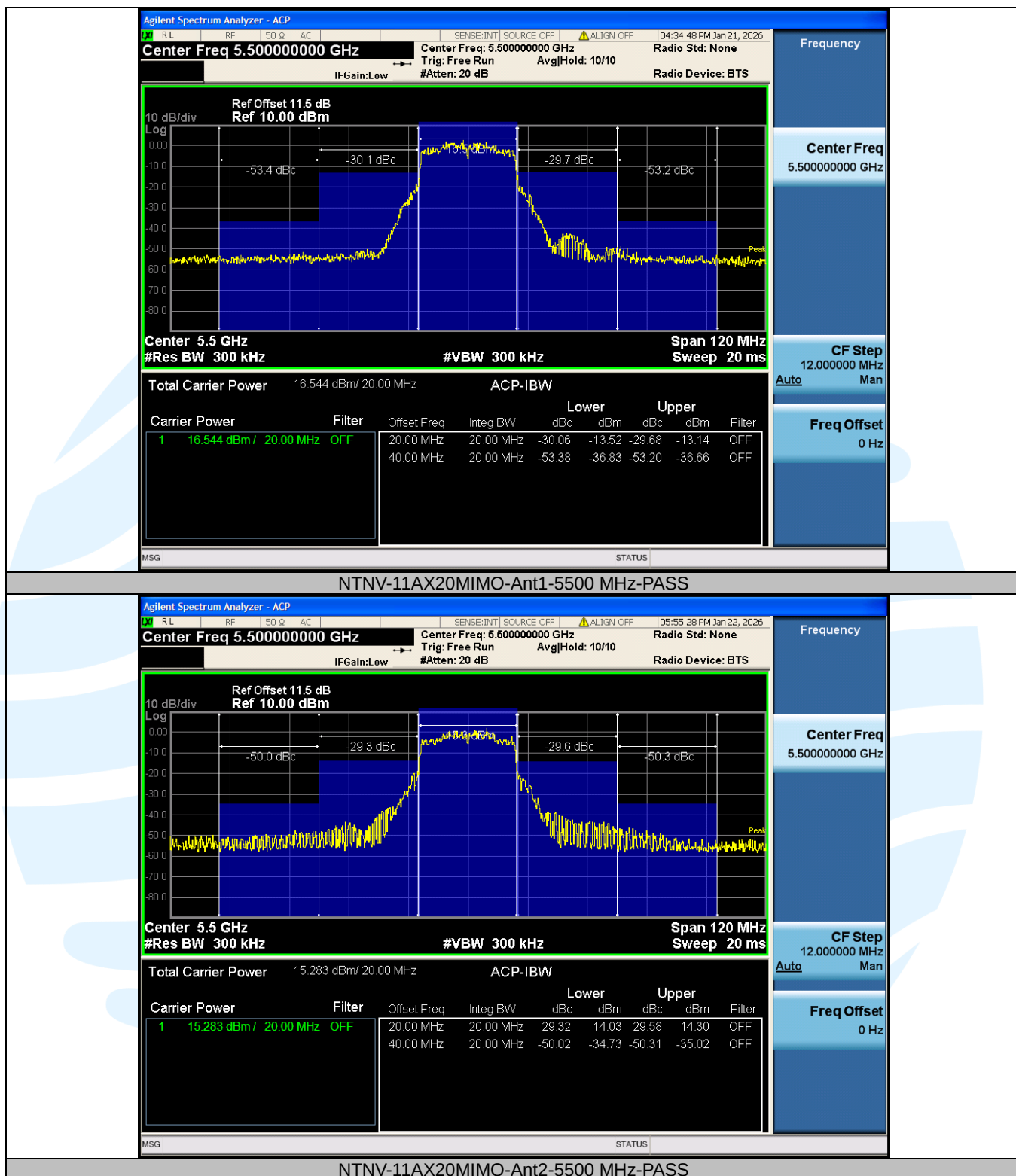


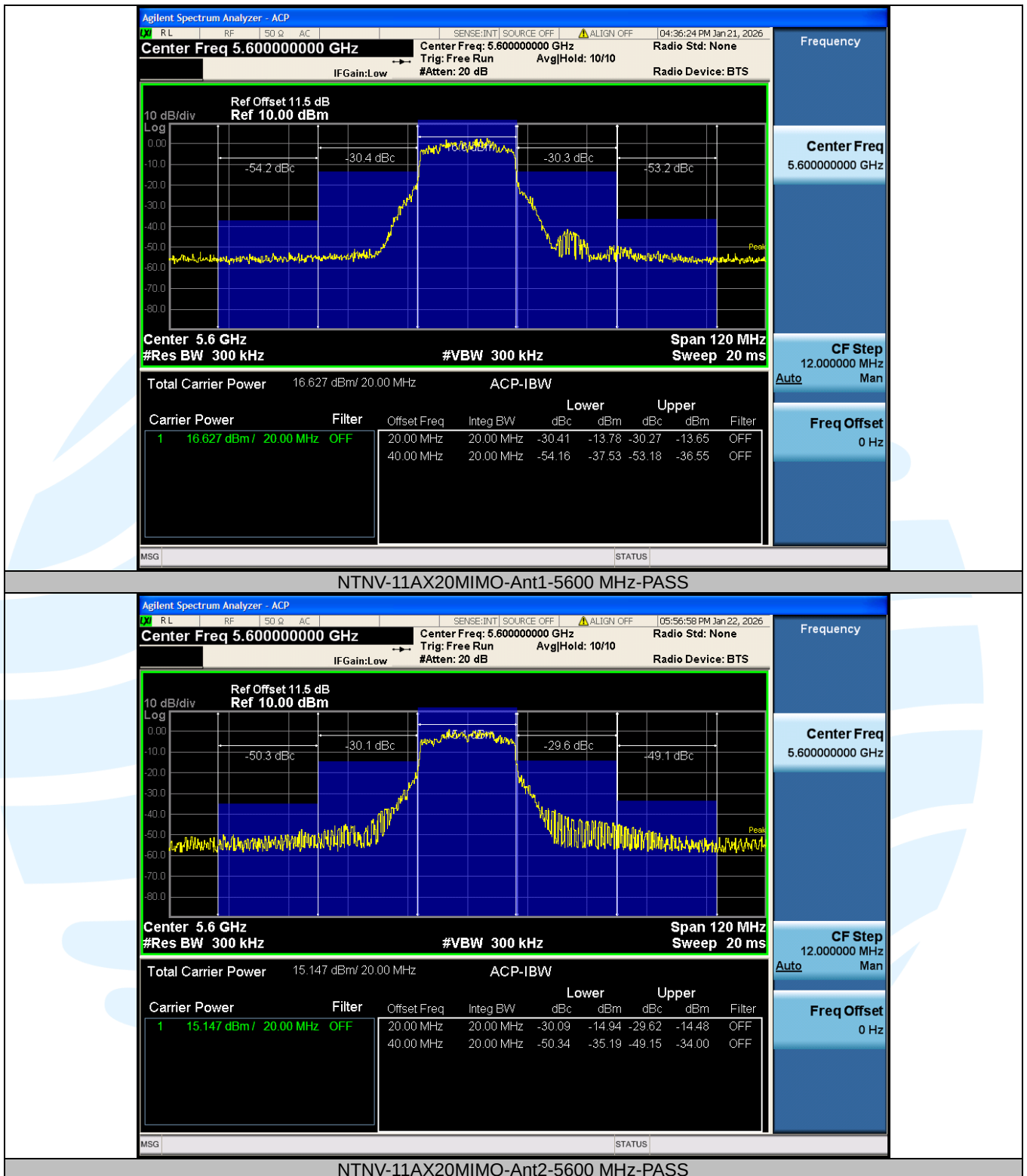


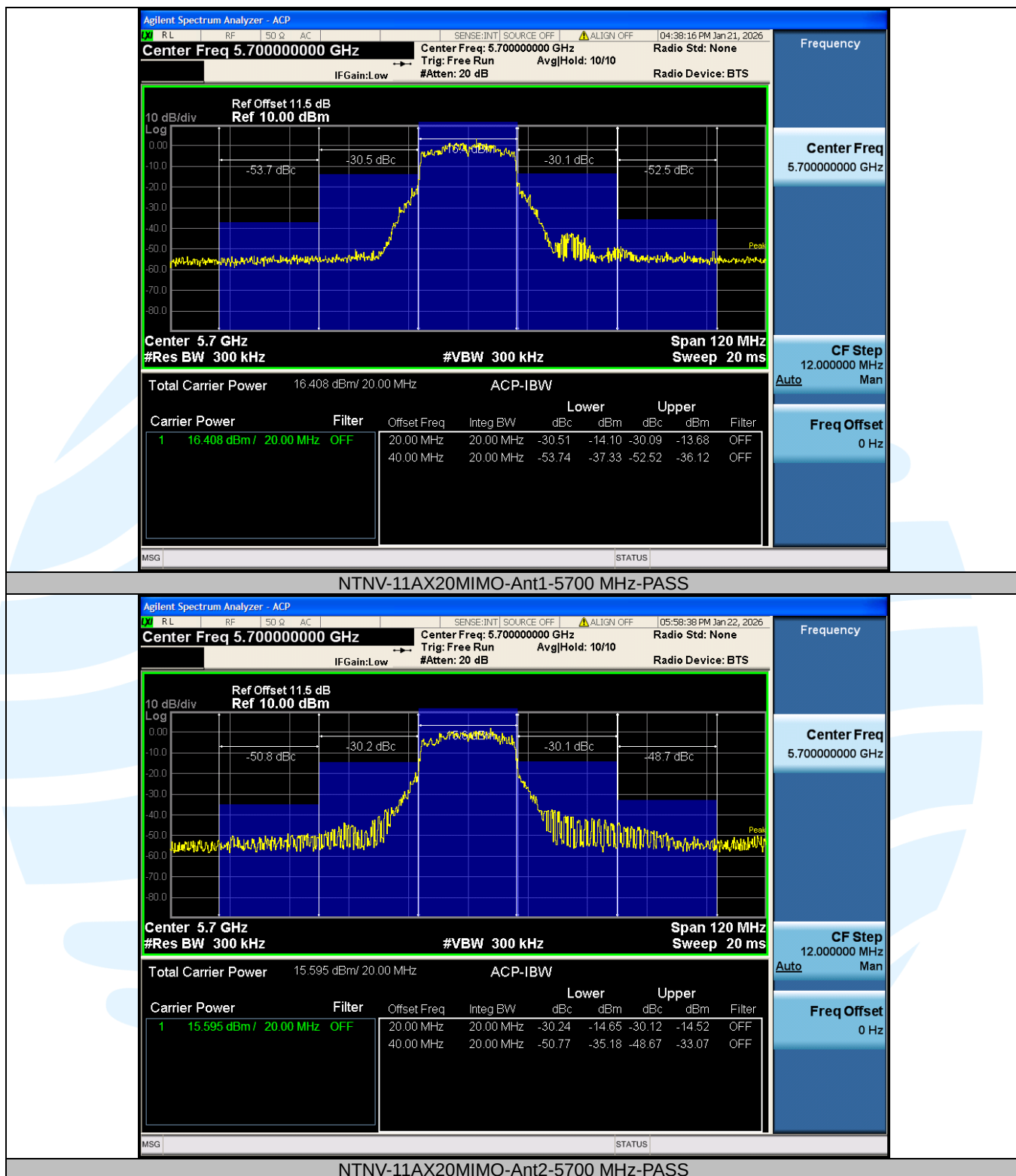


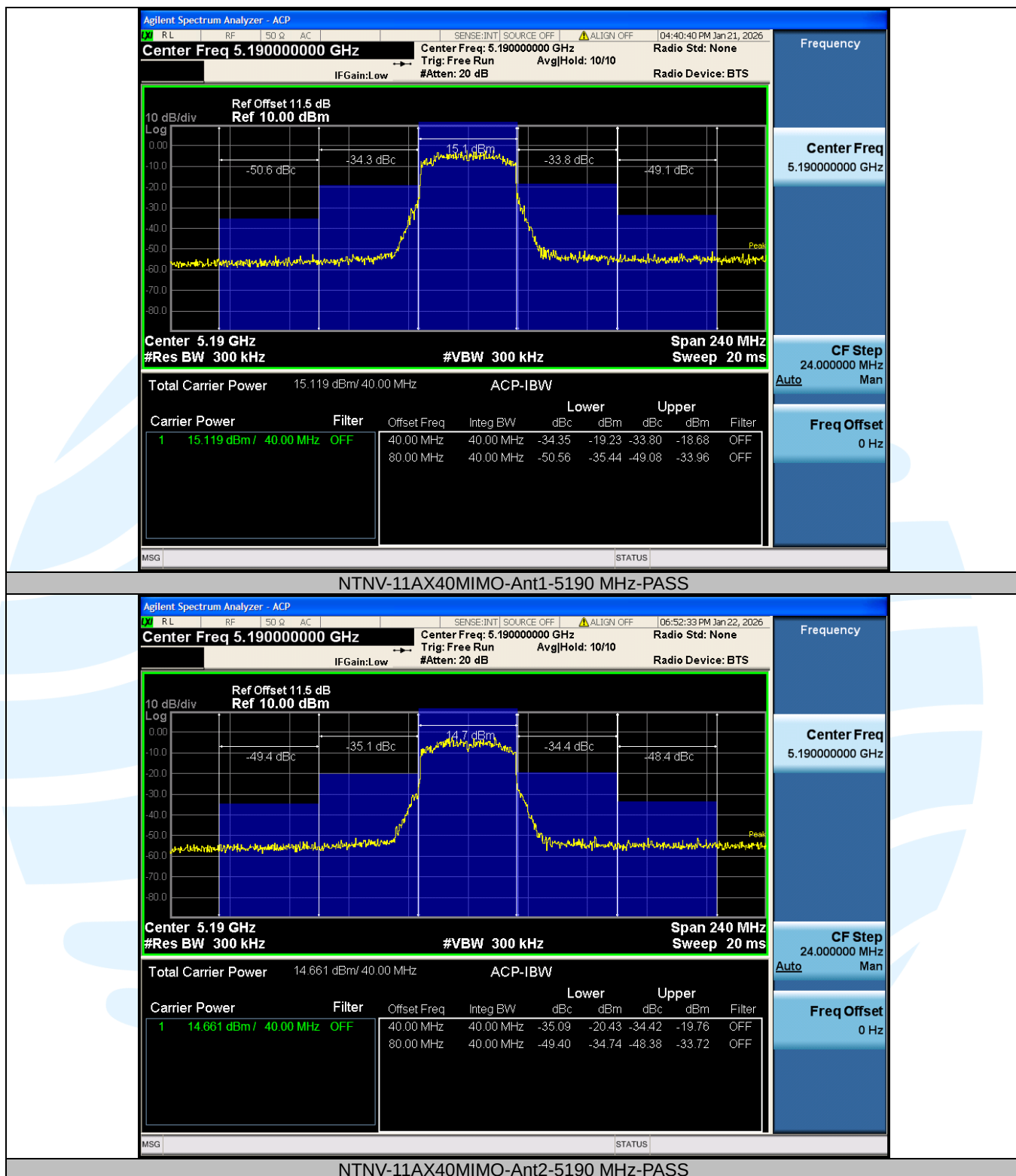


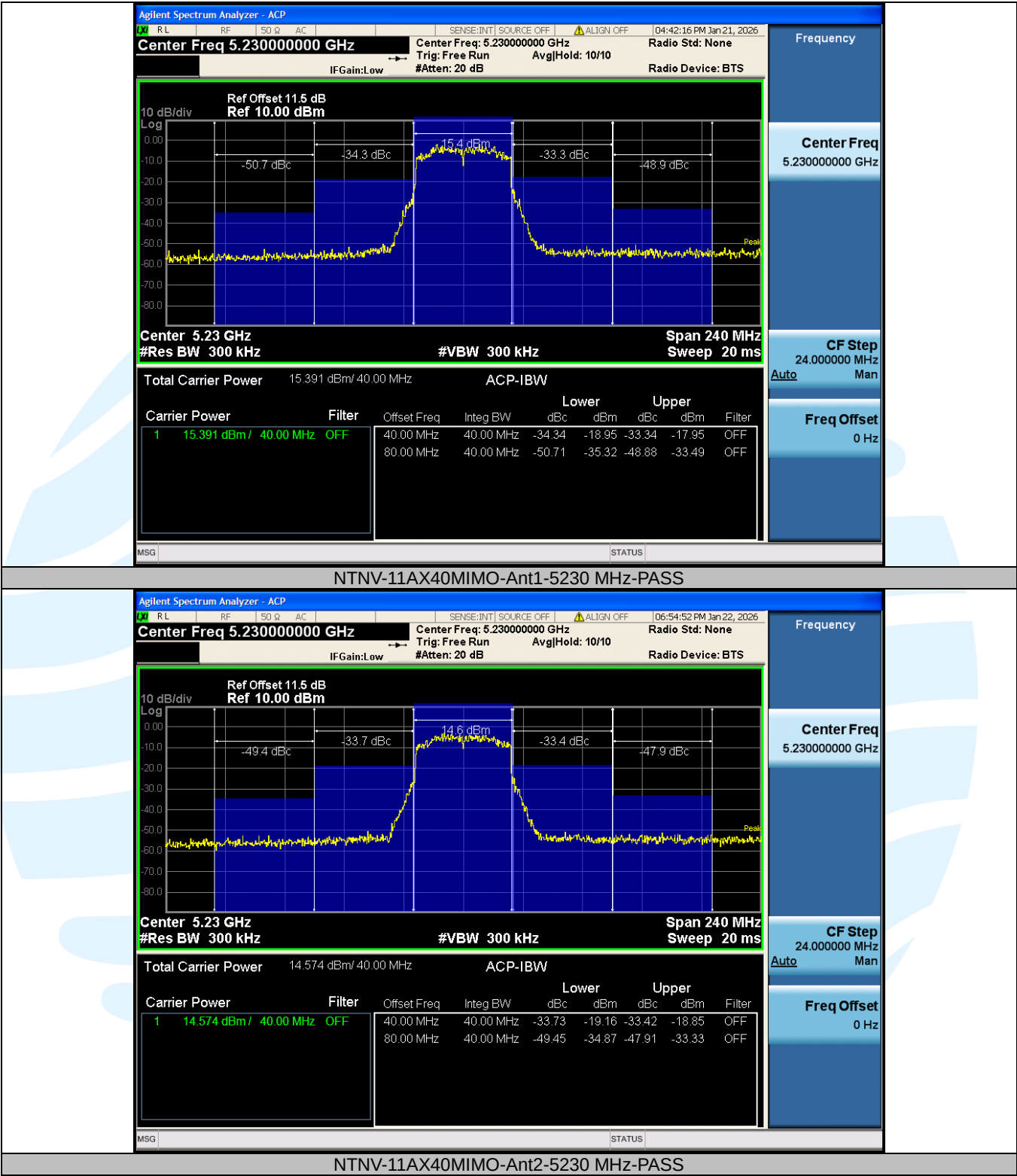


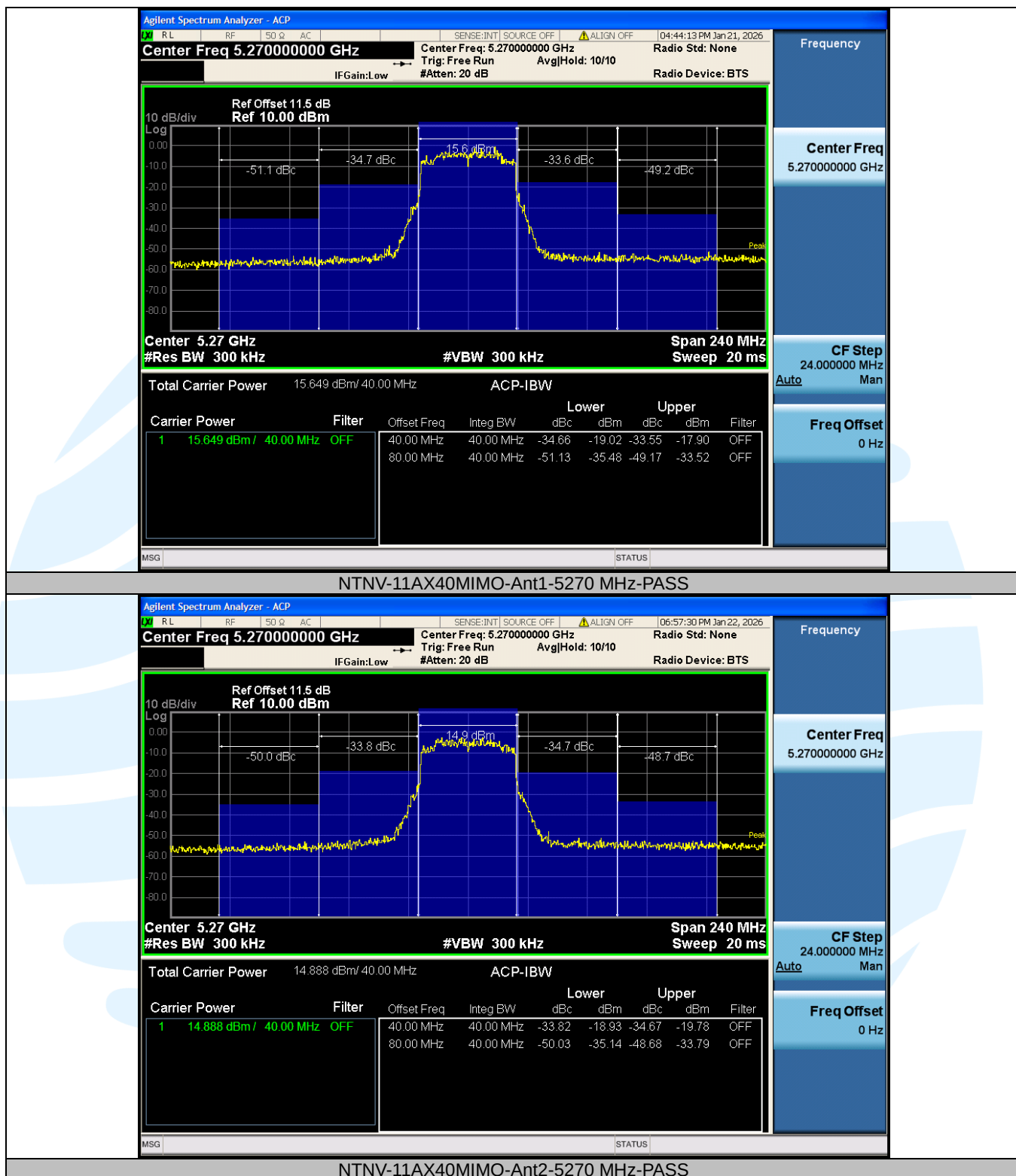


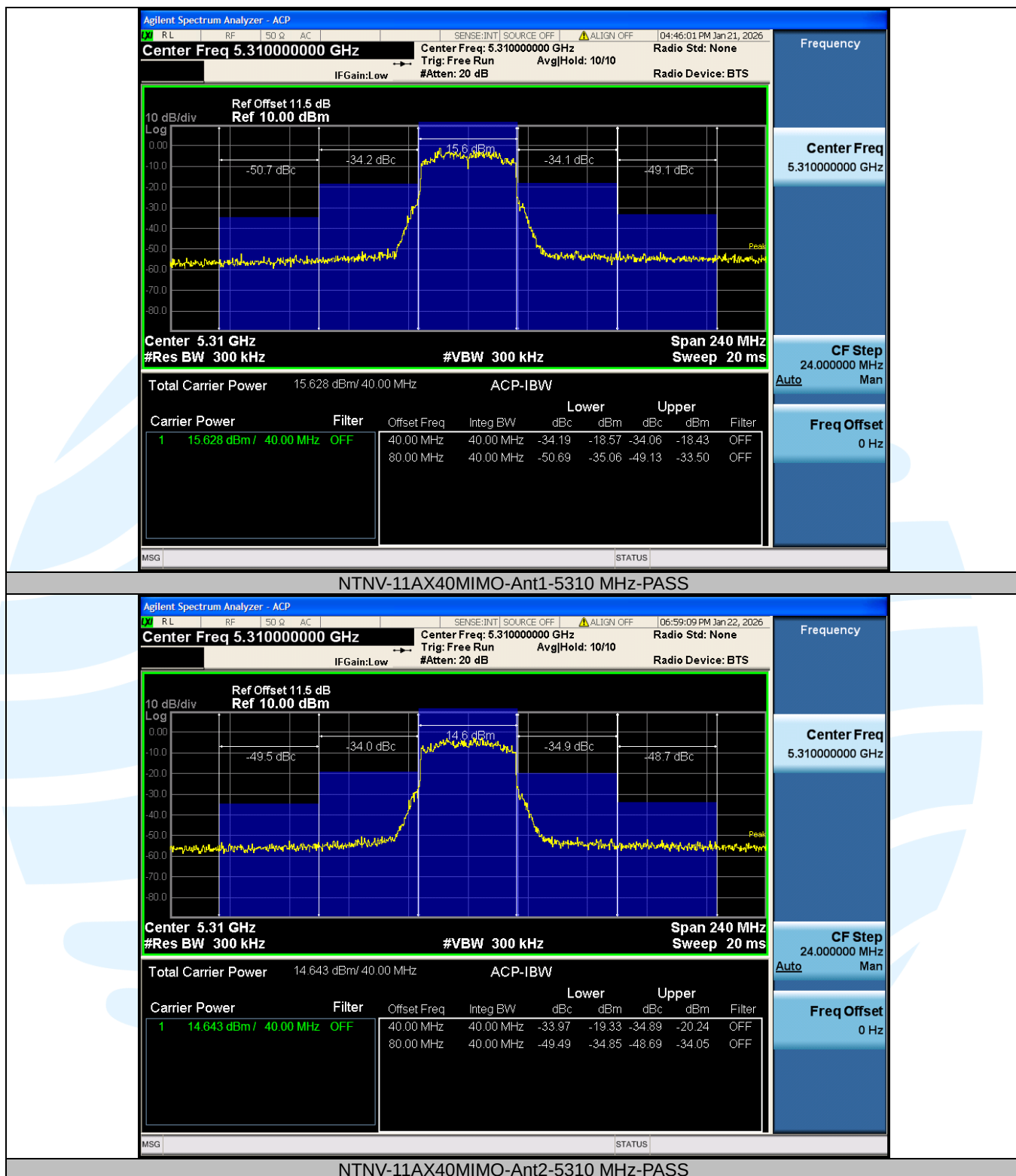












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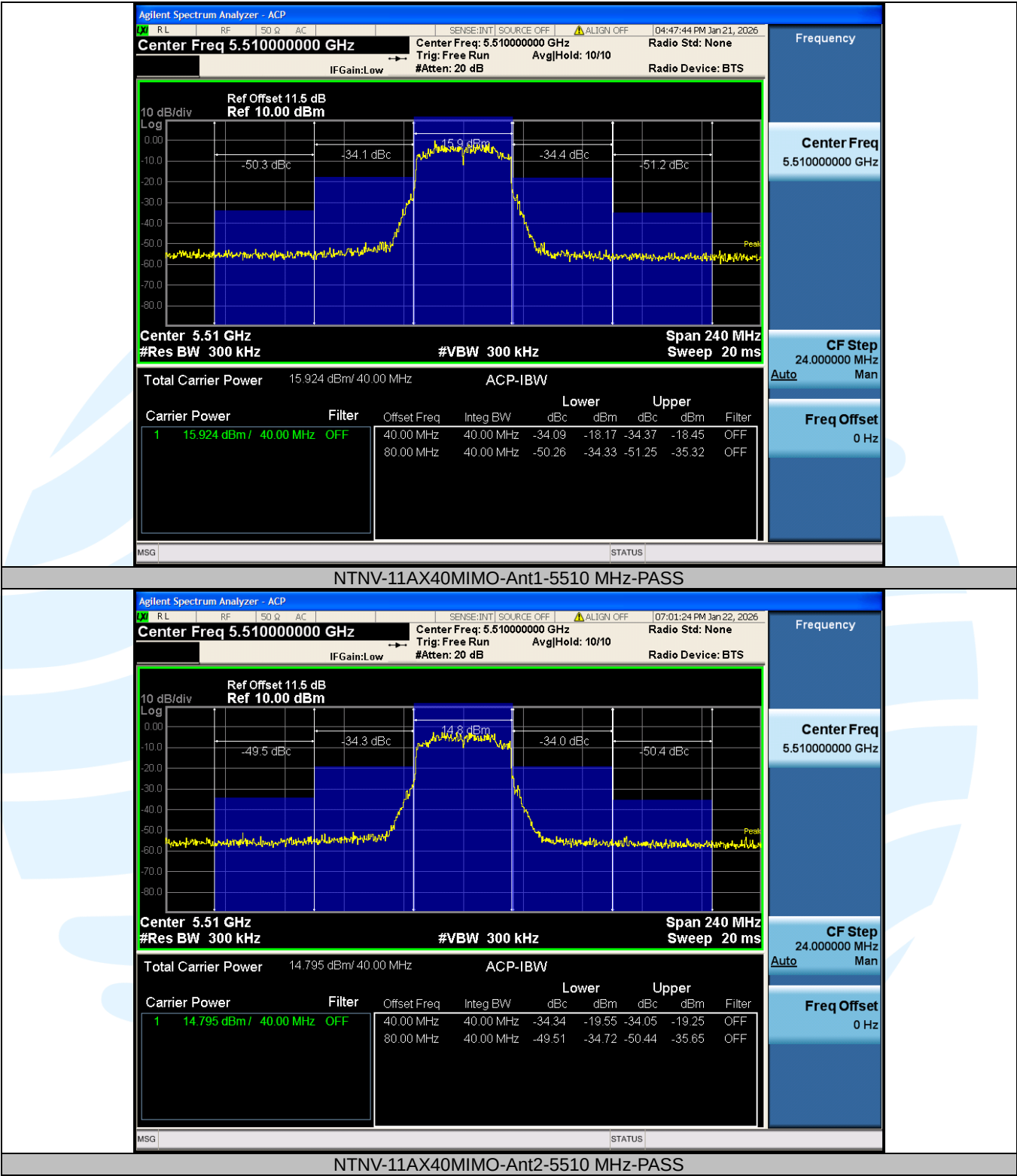
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<http://www.uttlab.com>

UTTR-RF-STDT71-V1.1



10 dB/div

Ref Offset 11.5 dB

Ref 10.00 dBm

-49.5 dBc

-34.3 dBc

14.8 dBm

-34.0 dBc

-50.4 dBc

Center 5.51 GHz

#Res BW 300 kHz

#VBW 300 kHz

Span 240 MHz

Sweep 20 ms

Total Carrier Power

14.795 dBm/ 40.00 MHz

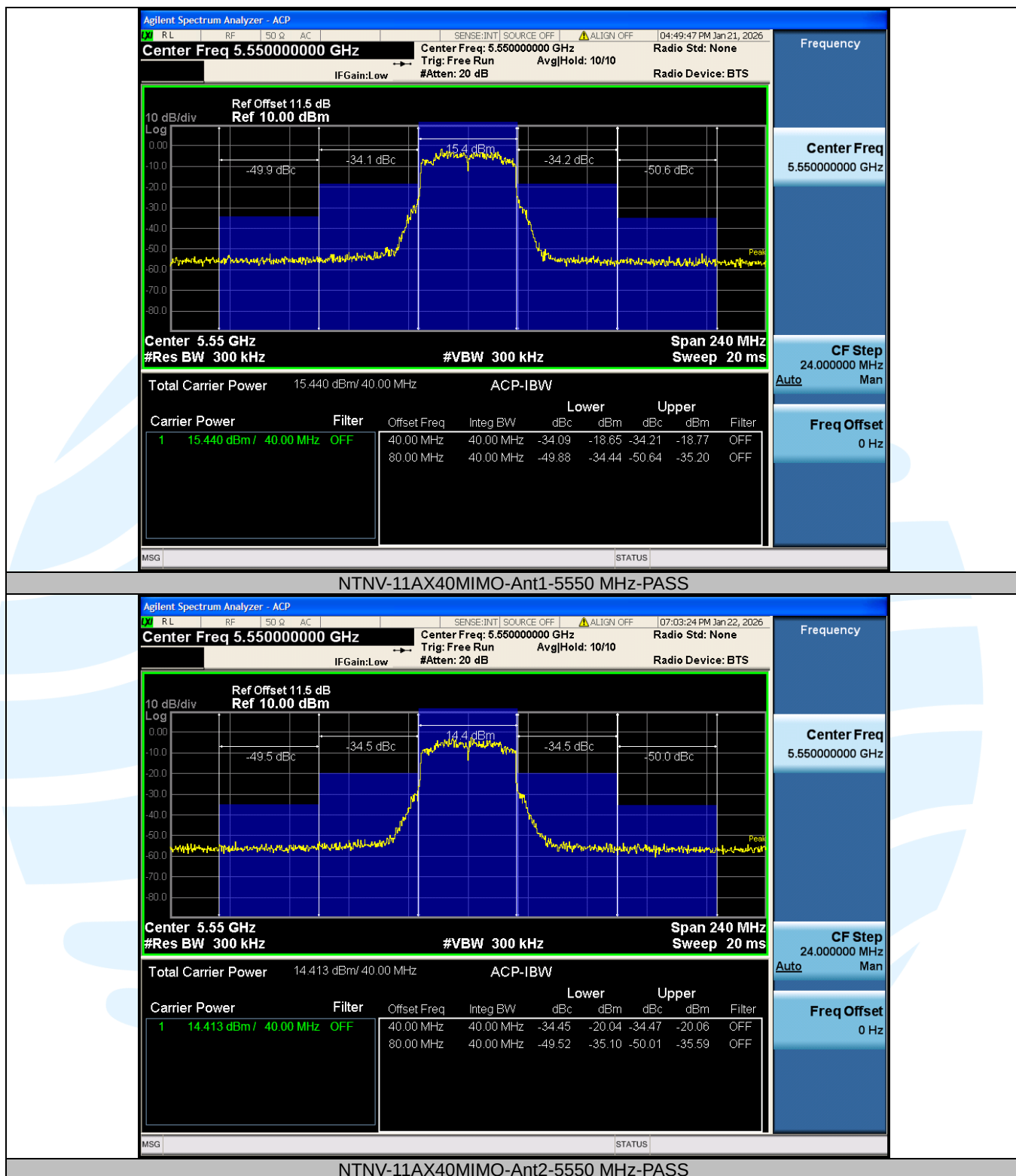
ACP-IBW

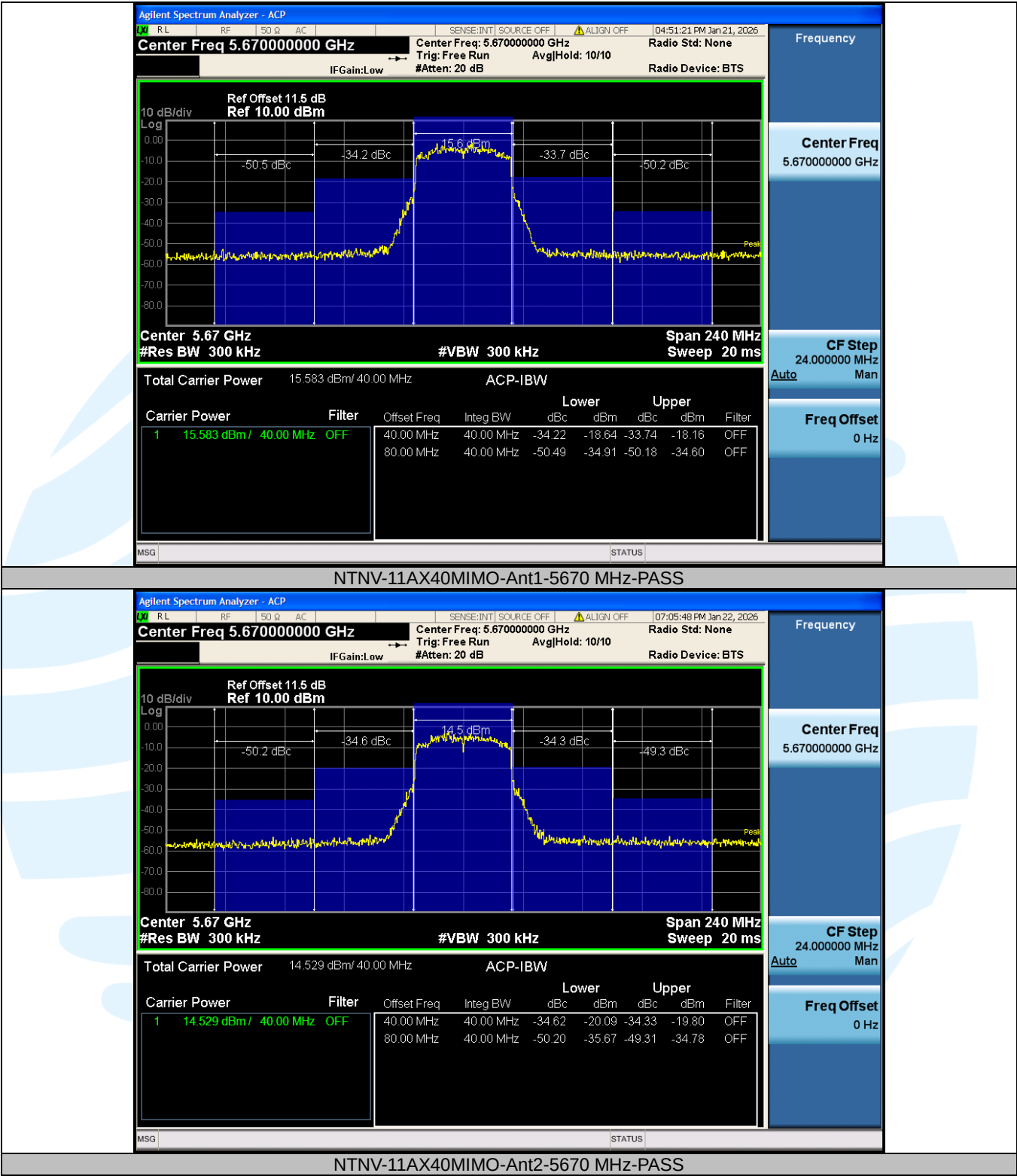
Carrier Power	Filter	Offset Freq	Integ BW	dBc	dBm	Lower	Upper	Filter	
1	14.795 dBm/ 40.00 MHz	OFF	40.00 MHz	40.00 MHz	-34.34	-19.55	-34.05	-19.25	OFF
			80.00 MHz	40.00 MHz	-49.51	-34.72	-50.44	-35.65	OFF

MSG

STATUS

NTNV-11AX40MIMO-Ant2-5510 MHz-PASS





10 dB/div

Ref Offset 11.5 dB

Ref 10.00 dBm

-50.2 dBc

-34.6 dBc

14.5 dBm

-34.3 dBc

-49.3 dBc

Center 5.67 GHz

#Res BW 300 kHz

#VBW 300 kHz

Span 240 MHz

Sweep 20 ms

Total Carrier Power

14.529 dBm/ 40.00 MHz

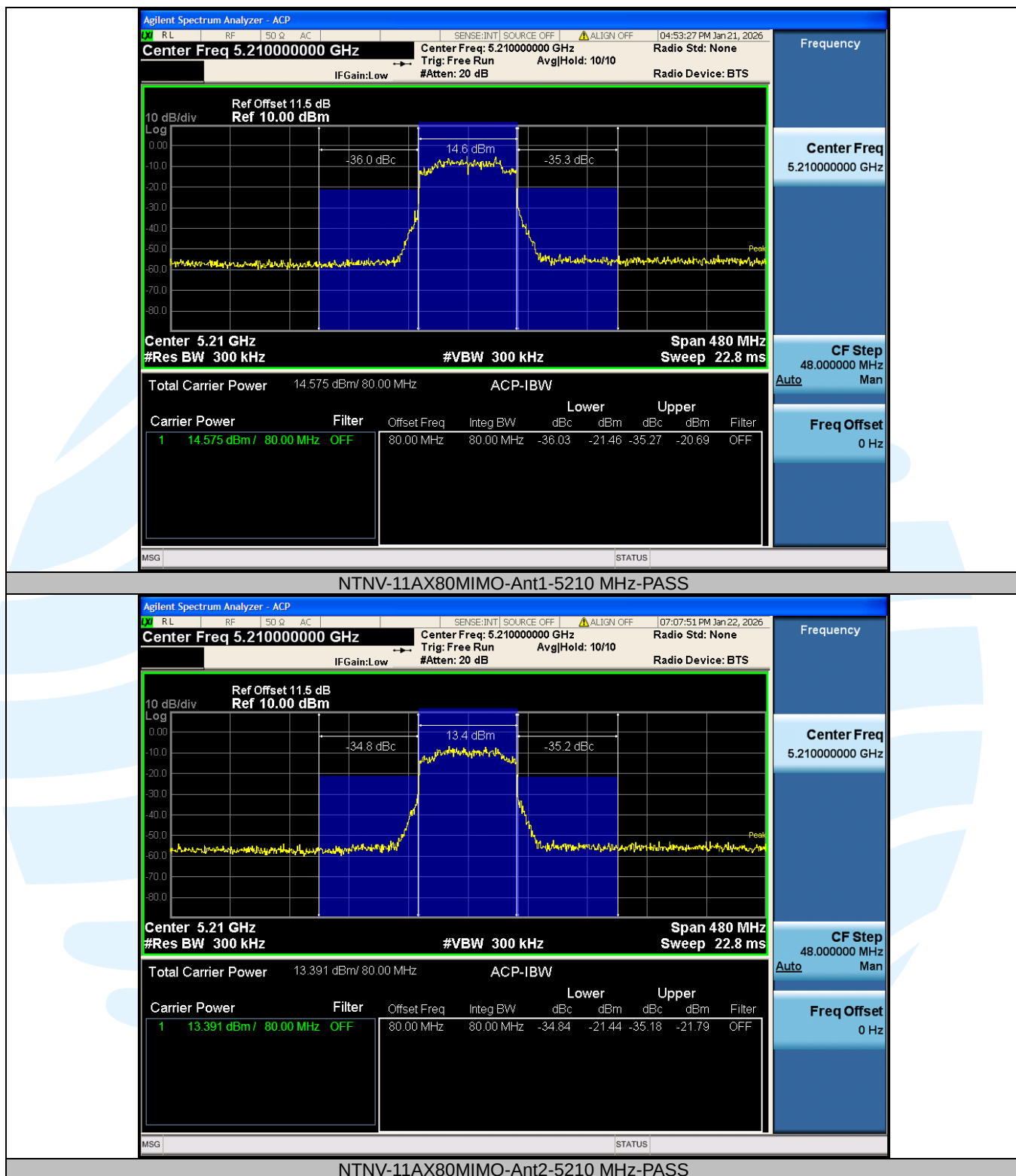
ACP-IBW

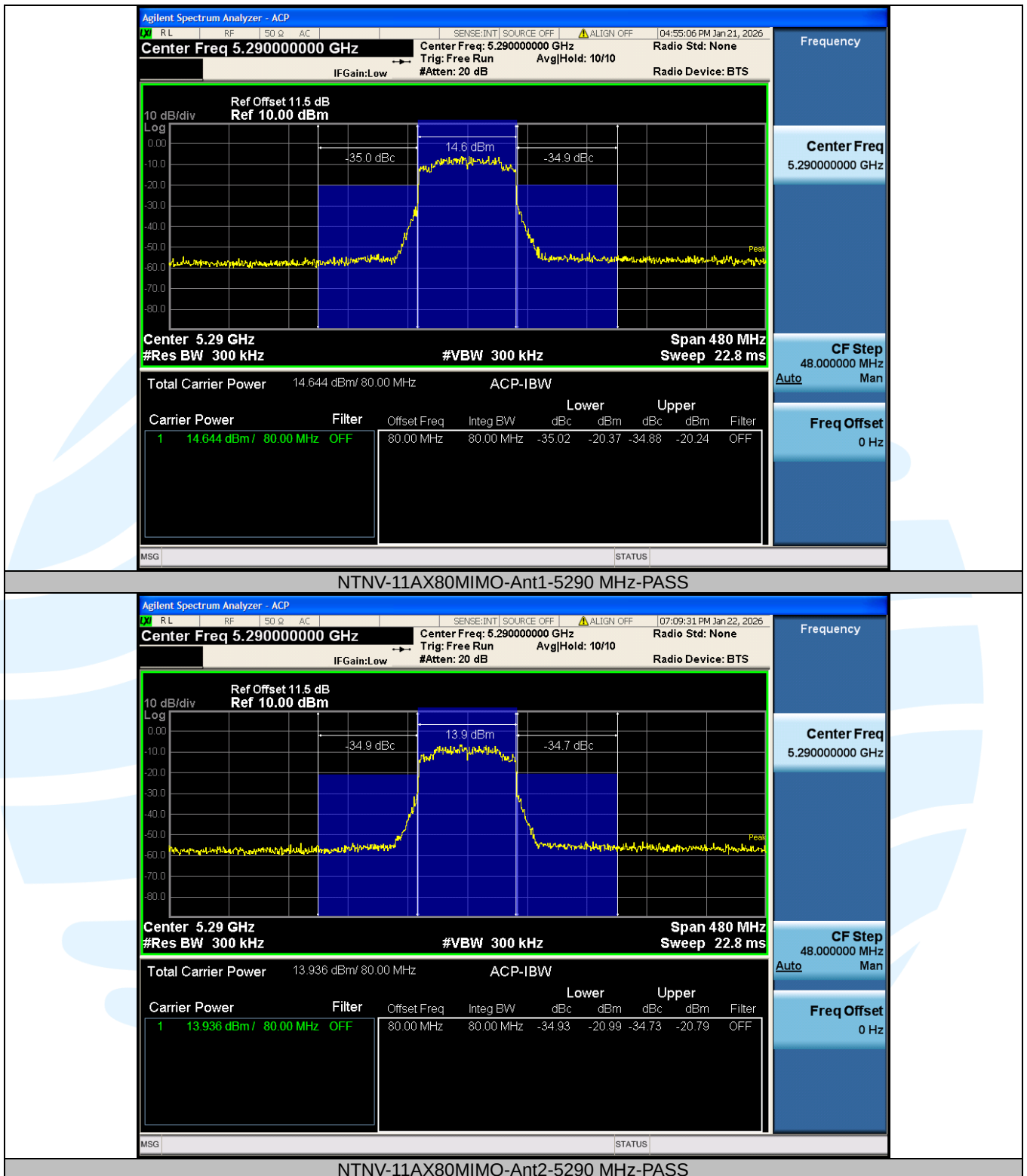
Carrier Power	Filter	Offset Freq	Integ BW	dBc	dBm	Lower	Upper	Filter
1	14.529 dBm/ 40.00 MHz	OFF	40.00 MHz	-34.62	-20.09	-34.33	-19.80	OFF
		80.00 MHz	40.00 MHz	-50.20	-35.67	-49.31	-34.78	OFF

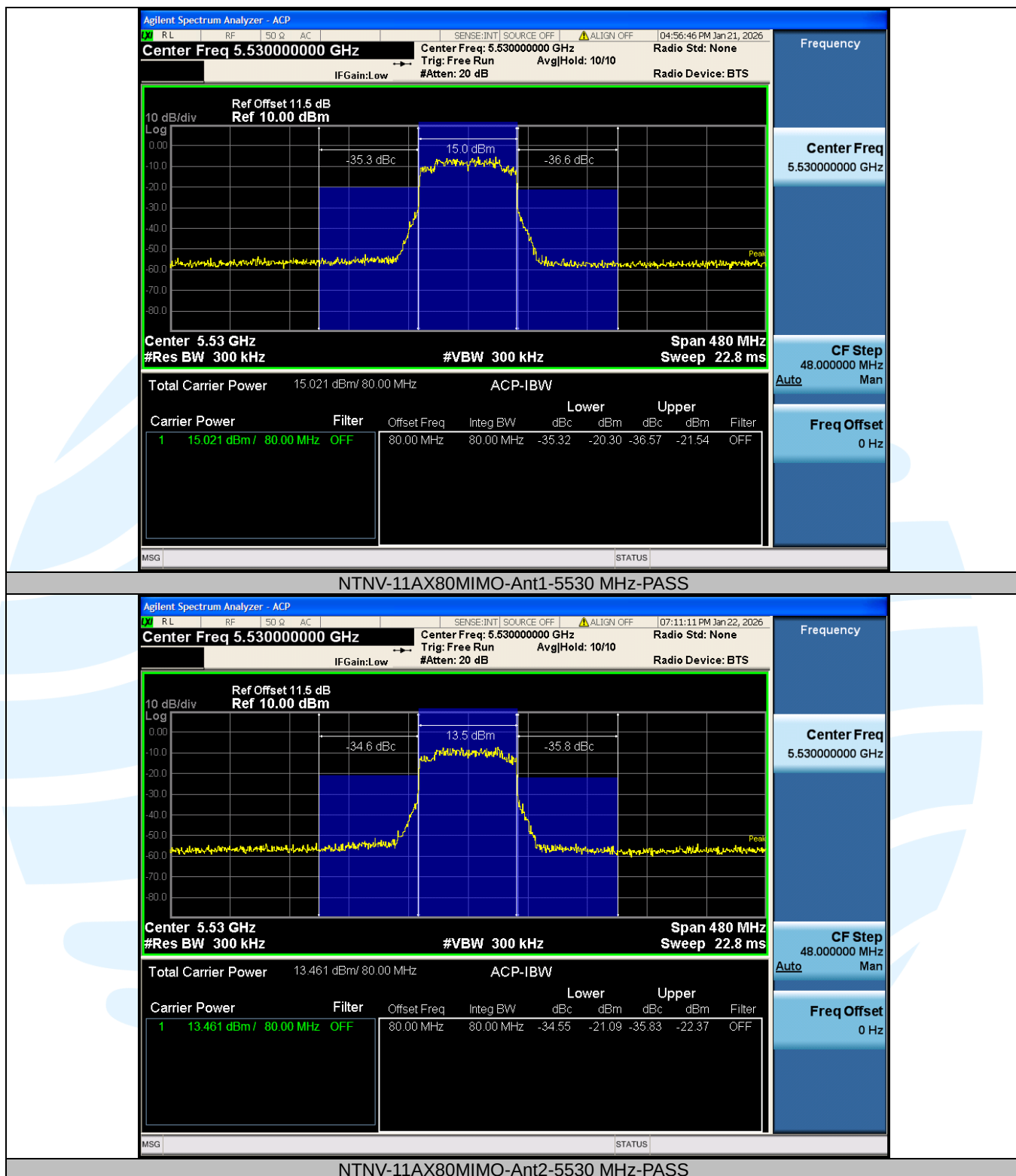
MSG

STATUS

NTNV-11AX40MIMO-Ant2-5670 MHz-PASS







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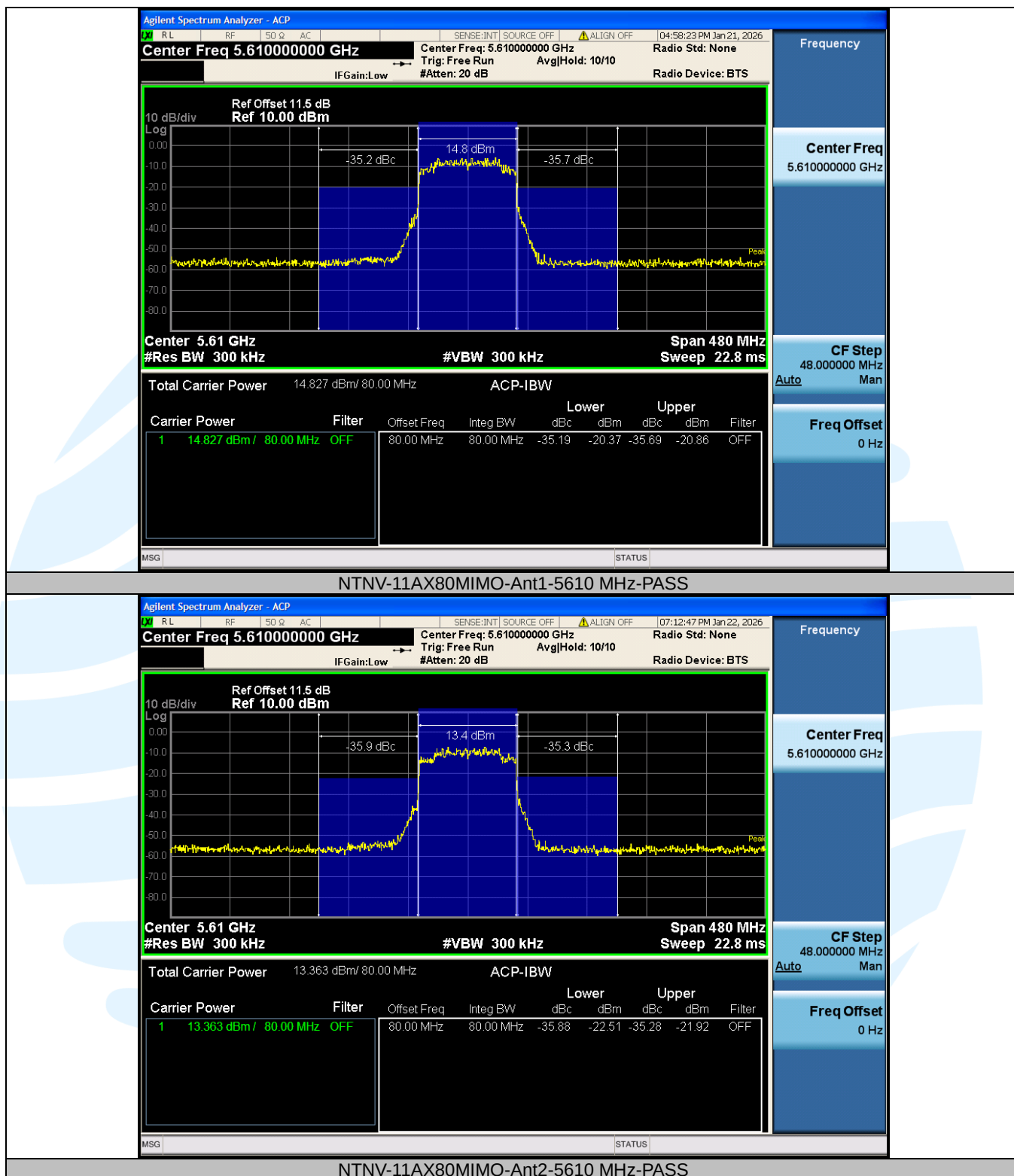
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UTTR-RF-STDT71-V1.1



5.10 SPURIOUS EMISSIONS OF RECEIVER

5.10.1 Limit

Frequency (MHz)	Limit	
	nW	dBm
Below 1GHz	≤4	-54
Above 1GHz	≤20	-47

5.10.2 Test Setup

Refer to section 4.5 for details.

5.10.3 Instruments Used

Refer to section 3 for details

5.10.4 Test Procedures

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

Use the following spectrum analyzer settings:

- c) Below 1GHz
 1. Set RBW = VBW = 100 kHz.
 2. Detector = peak.
 3. Sweep = auto couple.
 4. Trace Mode = max hold.
 5. Allow trace to fully stabilize.
 6. Use the peak marker function to determine the maximum amplitude level.
- d) Above 1GHz
 1. Set RBW = VBW = 1 MHz.
 2. Detector = peak.
 3. Sweep = auto couple.
 4. Trace Mode = max hold.
 5. Allow trace to fully stabilize.
 6. Use the peak marker function to determine the maximum amplitude level.

5.10.5 Test Result

Test Condition	Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11A	Ant1	5180	30~1000	808.43	-87.42	≤-54	0.00181	≤4	PASS
NTNV	11A	Ant2	5180	30~1000	850.62	-87.46	≤-54	0.00179	≤4	PASS
NTNV	11A	Ant1	5180	1000~26000	25471.25	-64.99	≤-47	0.31696	≤20	PASS
NTNV	11A	Ant2	5180	1000~26000	24392.50	-65.61	≤-47	0.27479	≤20	PASS
NTNV	11A	Ant1	5220	30~1000	772.05	-86.95	≤-54	0.00202	≤4	PASS
NTNV	11A	Ant2	5220	30~1000	878.75	-87.21	≤-54	0.00190	≤4	PASS
NTNV	11A	Ant1	5220	1000~26000	25575.00	-65.51	≤-47	0.28119	≤20	PASS
NTNV	11A	Ant2	5220	1000~26000	25123.75	-65.61	≤-47	0.27479	≤20	PASS
NTNV	11A	Ant1	5240	30~1000	843.83	-87.62	≤-54	0.00173	≤4	PASS
NTNV	11A	Ant2	5240	30~1000	882.63	-87.29	≤-54	0.00187	≤4	PASS
NTNV	11A	Ant1	5240	1000~26000	25998.75	-65.00	≤-47	0.31623	≤20	PASS
NTNV	11A	Ant2	5240	1000~26000	25521.25	-65.37	≤-47	0.29040	≤20	PASS
NTNV	11A	Ant1	5260	30~1000	877.78	-87.47	≤-54	0.00179	≤4	PASS
NTNV	11A	Ant2	5260	30~1000	888.45	-87.50	≤-54	0.00178	≤4	PASS
NTNV	11A	Ant1	5260	1000~26000	25995.00	-65.53	≤-47	0.27990	≤20	PASS
NTNV	11A	Ant2	5260	1000~26000	26000.00	-65.27	≤-47	0.29717	≤20	PASS
NTNV	11A	Ant1	5300	30~1000	938.41	-87.59	≤-54	0.00174	≤4	PASS
NTNV	11A	Ant2	5300	30~1000	967.02	-87.70	≤-54	0.00170	≤4	PASS
NTNV	11A	Ant1	5300	1000~26000	25990.00	-65.03	≤-47	0.31405	≤20	PASS
NTNV	11A	Ant2	5300	1000~26000	25640.00	-65.85	≤-47	0.26002	≤20	PASS
NTNV	11A	Ant1	5320	30~1000	915.13	-87.27	≤-54	0.00187	≤4	PASS
NTNV	11A	Ant2	5320	30~1000	517.91	-87.74	≤-54	0.00168	≤4	PASS
NTNV	11A	Ant1	5320	1000~26000	25998.75	-65.58	≤-47	0.27669	≤20	PASS
NTNV	11A	Ant2	5320	1000~26000	25571.25	-66.08	≤-47	0.24660	≤20	PASS
NTNV	11A	Ant1	5500	30~1000	790.00	-87.50	≤-54	0.00178	≤4	PASS
NTNV	11A	Ant2	5500	30~1000	860.81	-88.01	≤-54	0.00158	≤4	PASS
NTNV	11A	Ant1	5500	1000~26000	25988.75	-65.17	≤-47	0.30409	≤20	PASS
NTNV	11A	Ant2	5500	1000~26000	25575.00	-65.72	≤-47	0.26792	≤20	PASS
NTNV	11A	Ant1	5600	30~1000	936.47	-87.50	≤-54	0.00178	≤4	PASS
NTNV	11A	Ant2	5600	30~1000	919.49	-87.62	≤-54	0.00173	≤4	PASS
NTNV	11A	Ant1	5600	1000~26000	24965.00	-65.22	≤-47	0.30061	≤20	PASS
NTNV	11A	Ant2	5600	1000~26000	25985.00	-66.09	≤-47	0.24604	≤20	PASS
NTNV	11A	Ant1	5700	30~1000	778.36	-87.32	≤-54	0.00185	≤4	PASS
NTNV	11A	Ant2	5700	30~1000	911.73	-87.77	≤-54	0.00167	≤4	PASS
NTNV	11A	Ant1	5700	1000~26000	25981.25	-65.39	≤-47	0.28907	≤20	PASS
NTNV	11A	Ant2	5700	1000~26000	24258.75	-66.07	≤-47	0.24717	≤20	PASS
NTNV	11N20MIMO	Ant1	5180	30~1000	806.49	-87.47	≤-54	0.00179	≤4	PASS
NTNV	11N20MIMO	Ant2	5180	30~1000	876.33	-87.72	≤-54	0.00169	≤4	PASS
NTNV	11N20MIMO	total	5180	30~1000	--	--	--	0.00348	≤4	PASS
NTNV	11N20MIMO	Ant1	5180	1000~26000	24293.75	-65.98	≤-47	0.25235	≤20	PASS
NTNV	11N20MIMO	Ant2	5180	1000~26000	25995	-65.74	≤-47	0.26669	≤20	PASS
NTNV	11N20MIMO	total	5180	1000~26000	--	--	--	0.51904	≤20	PASS
NTNV	11N20MIMO	Ant1	5220	30~1000	752.65	-87.58	≤-54	0.00175	≤4	PASS
NTNV	11N20MIMO	Ant2	5220	30~1000	893.3	-87.72	≤-54	0.00169	≤4	PASS
NTNV	11N20MIMO	total	5220	30~1000	--	--	--	0.00344	≤4	PASS
NTNV	11N20MIMO	Ant1	5220	1000~26000	25590	-66.04	≤-47	0.24889	≤20	PASS
NTNV	11N20MIMO	Ant2	5220	1000~26000	25096.25	-65.70	≤-47	0.26915	≤20	PASS
NTNV	11N20MIMO	total	5220	1000~26000	--	--	--	0.51804	≤20	PASS
NTNV	11N20MIMO	Ant1	5240	30~1000	939.38	-87.65	≤-54	0.00172	≤4	PASS
NTNV	11N20MIMO	Ant2	5240	30~1000	827.34	-78.97	≤-54	0.01268	≤4	PASS
NTNV	11N20MIMO	total	5240	30~1000	--	--	--	0.01440	≤4	PASS
NTNV	11N20MIMO	Ant1	5240	1000~26000	25998.75	-65.57	≤-47	0.27733	≤20	PASS
NTNV	11N20MIMO	Ant2	5240	1000~26000	25961.25	-64.71	≤-47	0.33806	≤20	PASS
NTNV	11N20MIMO	total	5240	1000~26000	--	--	--	0.61539	≤20	PASS
NTNV	11N20MIMO	Ant1	5260	30~1000	866.14	-87.69	≤-54	0.00170	≤4	PASS
NTNV	11N20MIMO	Ant2	5260	30~1000	789.03	-86.60	≤-54	0.00219	≤4	PASS
NTNV	11N20MIMO	total	5260	30~1000	--	--	--	0.00389	≤4	PASS
NTNV	11N20MIMO	Ant1	5260	1000~26000	25983.75	-66.06	≤-47	0.24774	≤20	PASS
NTNV	11N20MIMO	Ant2	5260	1000~26000	24345	-66.31	≤-47	0.23388	≤20	PASS
NTNV	11N20MIMO	total	5260	1000~26000	--	--	--	0.48162	≤20	PASS
NTNV	11N20MIMO	Ant1	5300	30~1000	804.55	-87.72	≤-54	0.00169	≤4	PASS
NTNV	11N20MIMO	Ant2	5300	30~1000	908.34	-87.22	≤-54	0.00190	≤4	PASS
NTNV	11N20MIMO	total	5300	30~1000	--	--	--	0.00359	≤4	PASS
NTNV	11N20MIMO	Ant1	5300	1000~26000	25482.5	-65.89	≤-47	0.25763	≤20	PASS
NTNV	11N20MIMO	Ant2	5300	1000~26000	25982.5	-66.29	≤-47	0.23496	≤20	PASS
NTNV	11N20MIMO	total	5300	1000~26000	--	--	--	0.49259	≤20	PASS
NTNV	11N20MIMO	Ant1	5320	30~1000	795.82	-87.39	≤-54	0.00182	≤4	PASS