

Appendix Test Data

Report No.:	1812C60190712502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-8	Finish Test Date:	2026-6-11
Test Engineer:	<i>Pearl Ao</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.1°C	Relative Humidity:	61%
Pressure:	101kPa		

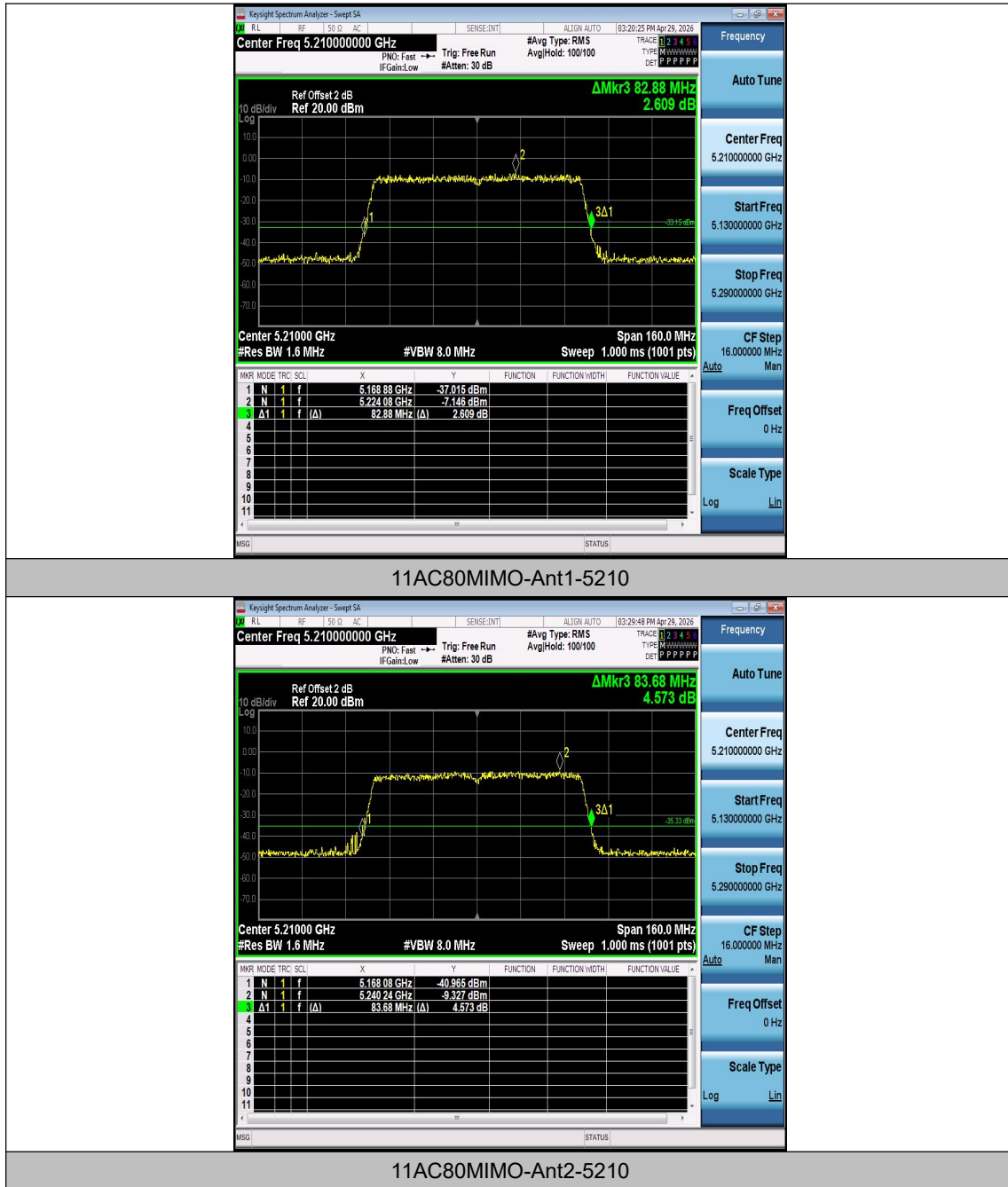


Appendix A1: 26dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC80MIMO	Ant1	5210	82.880	5168.880	5251.760	---	---
11AC80MIMO	Ant2	5210	83.680	5168.080	5251.760	---	---
11AX80MIMO	Ant1	5210	82.880	5168.720	5251.600	---	---
11AX80MIMO	Ant2	5210	84.000	5167.760	5251.760	---	---

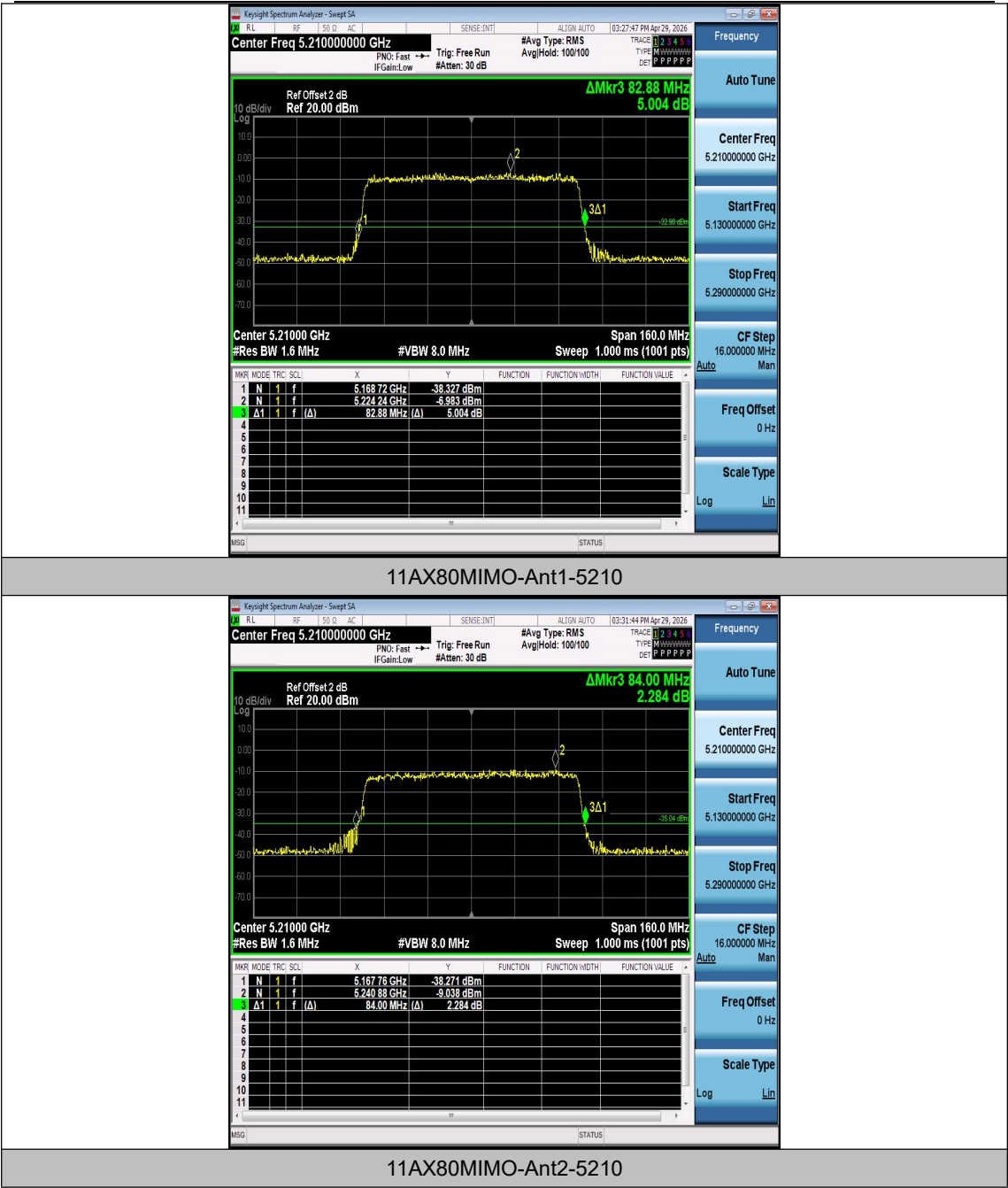
Test Graphs



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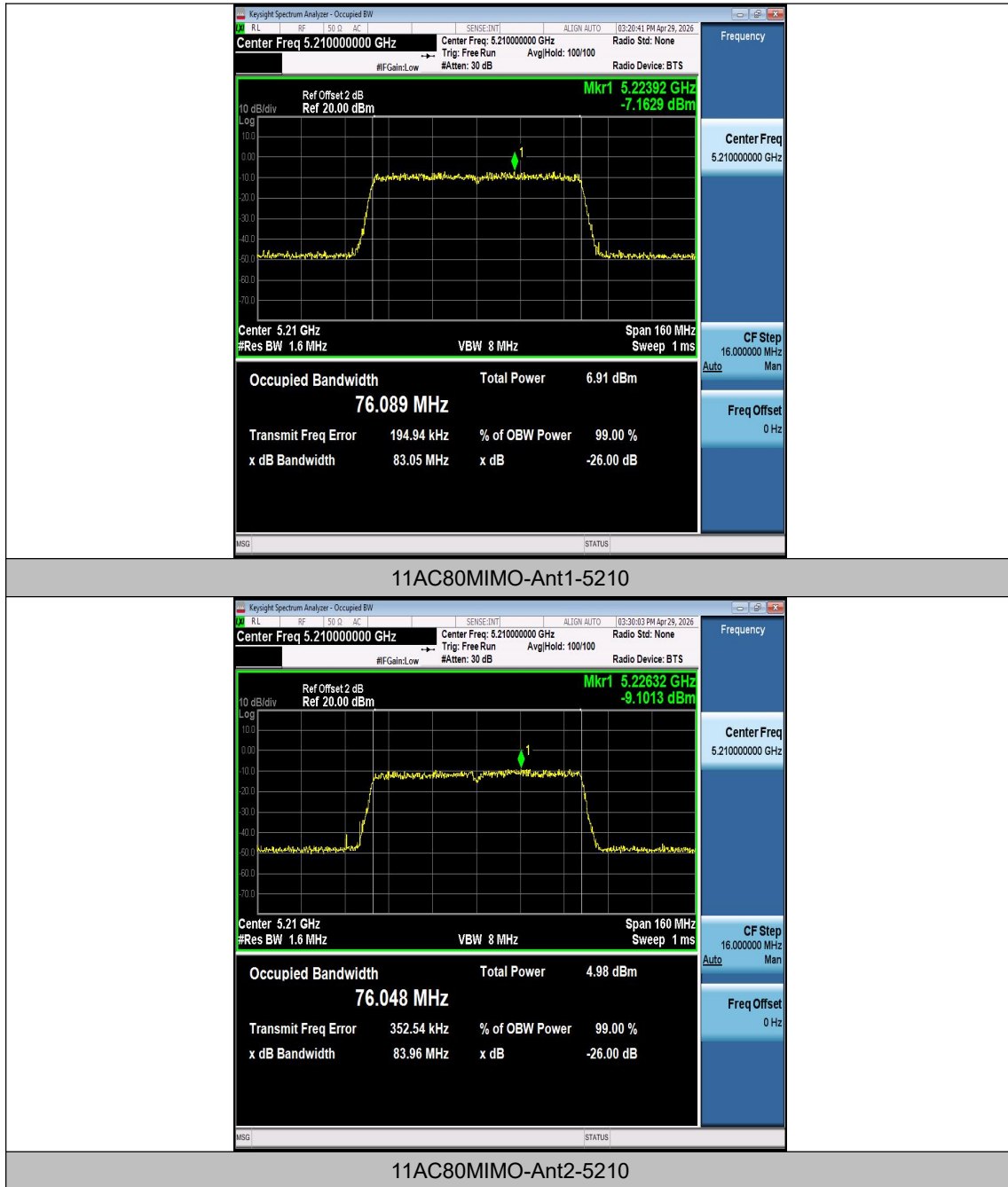


Appendix A2: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC80MIMO	Ant1	5210	76.089	5172.1504	5248.2394	---	---
11AC80MIMO	Ant2	5210	76.048	5172.3285	5248.3765	---	---
11AX80MIMO	Ant1	5210	77.287	5171.5687	5248.8557	---	---
11AX80MIMO	Ant2	5210	77.287	5171.6618	5248.9488	---	---

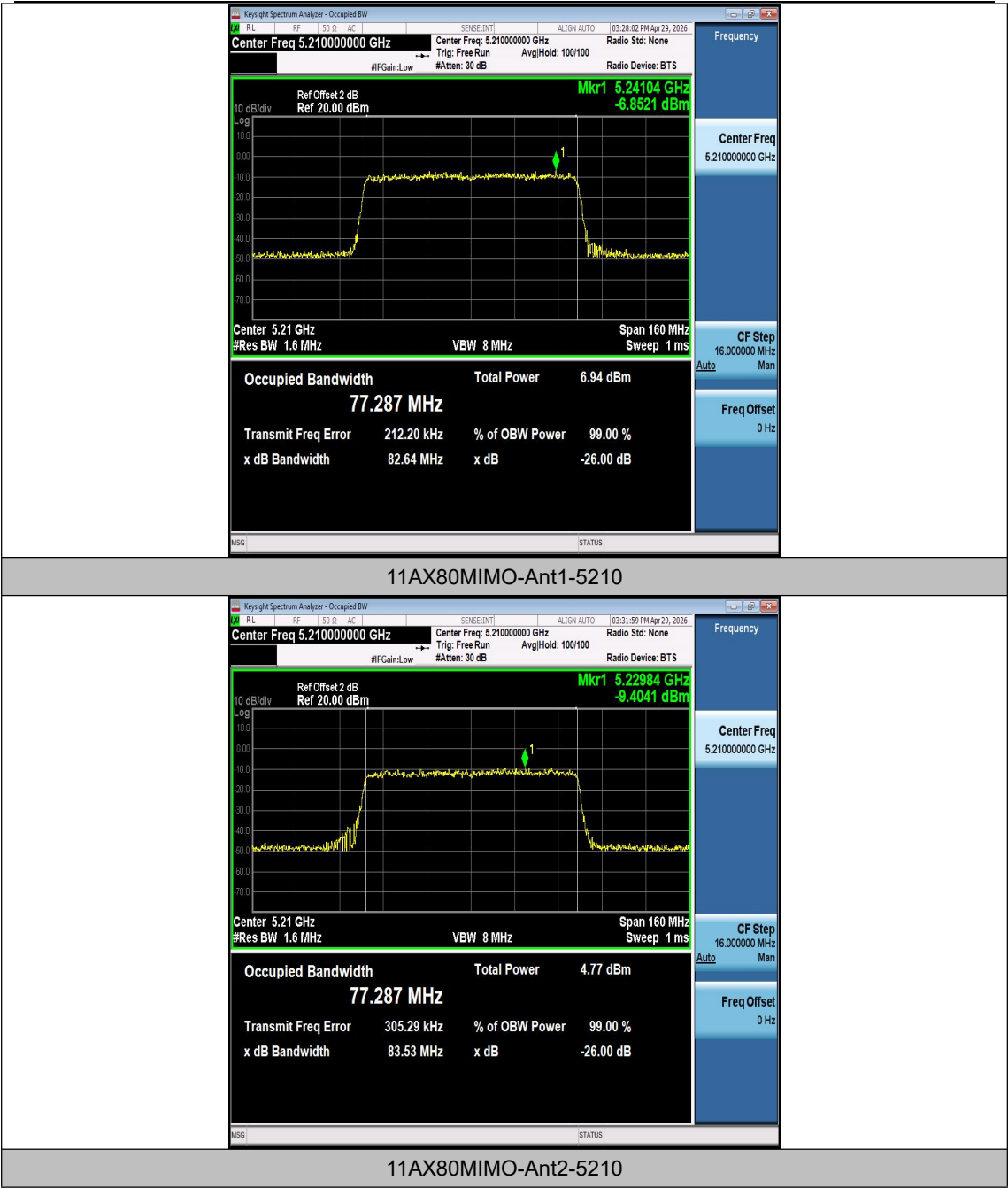
Test Graphs



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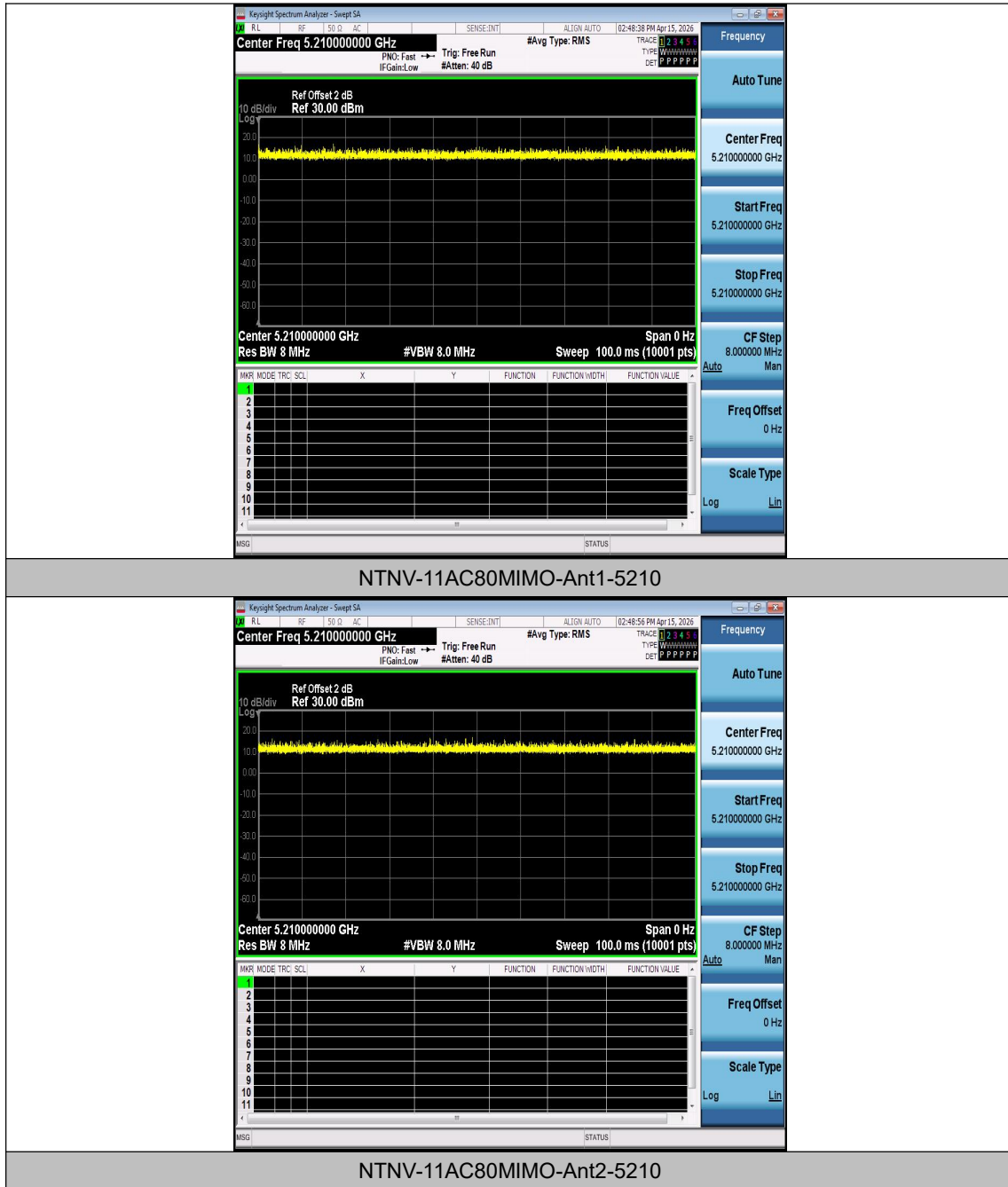
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Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [dB]	1/T
11AC80M IMO	Ant1	5210	100.00	100.00	100.00	0.00	0.01
11AC80M IMO	Ant2	5210	100.00	100.00	100.00	0.00	0.01
11AX80M IMO	Ant1	5210	100.00	100.00	100.00	0.00	0.01
11AX80M IMO	Ant2	5210	100.00	100.00	100.00	0.00	0.01

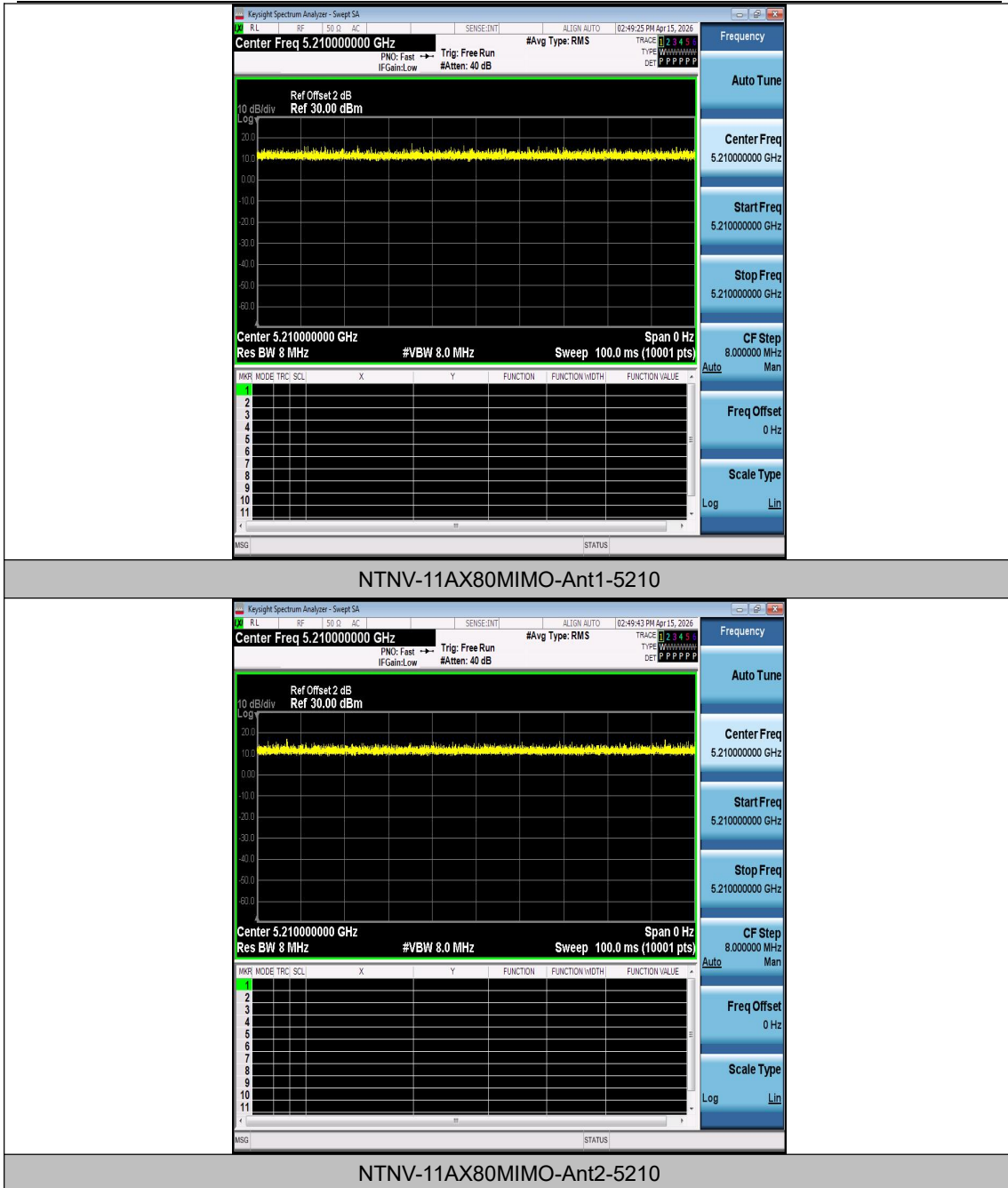
Test Graphs



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Appendix C: Maximum Conducted Output Power

Test Result Channel Power

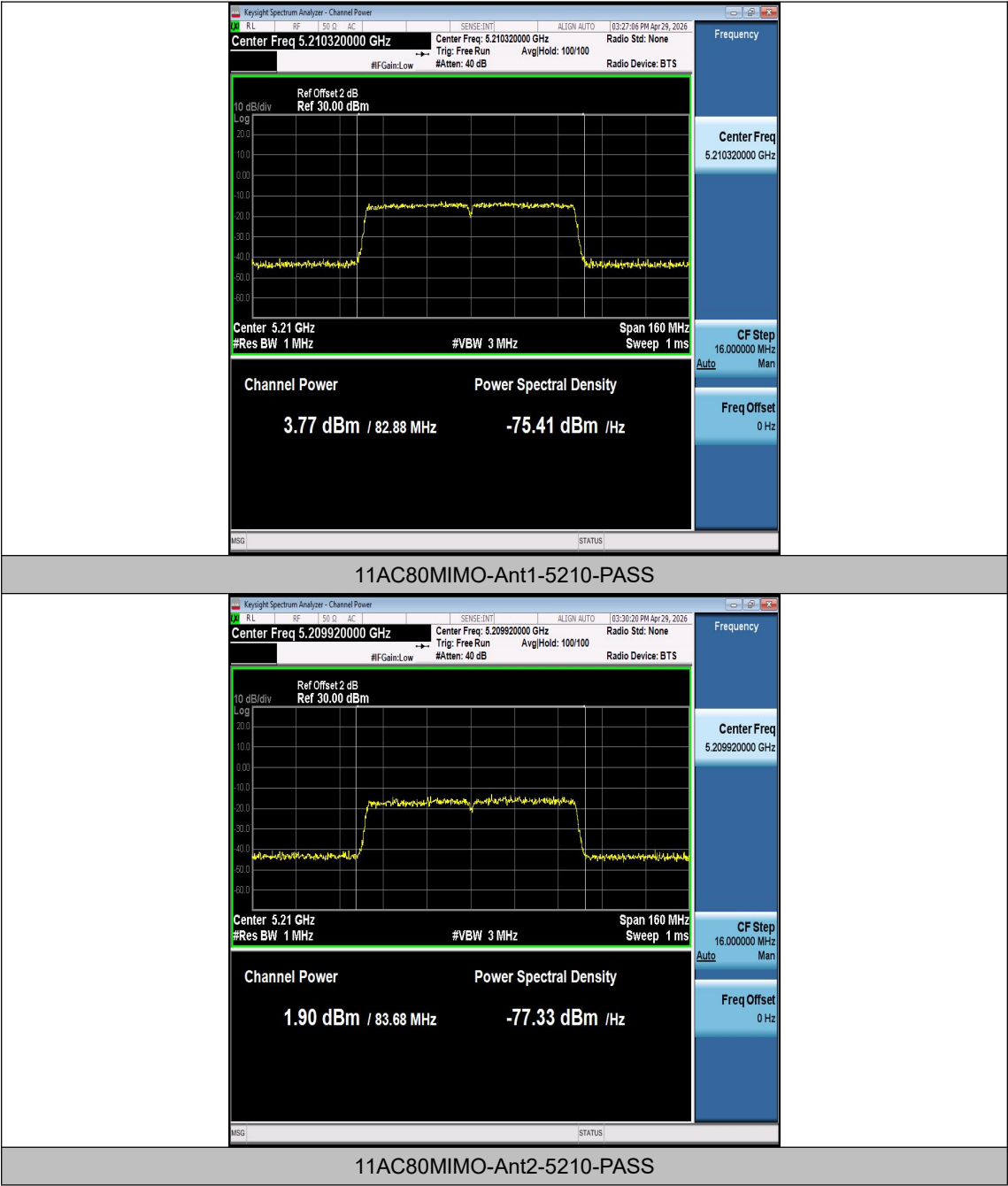
Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11AC80MIMO	Ant1	5210	3.77	≤23.98	PASS
11AC80MIMO	Ant2	5210	1.90	≤23.98	PASS
11AC80MIMO	total	5210	5.95	≤23.58	PASS
11AX80MIMO	Ant1	5210	4.20	≤23.98	PASS
11AX80MIMO	Ant2	5210	1.88	≤23.98	PASS
11AX80MIMO	total	5210	6.20	≤23.58	PASS

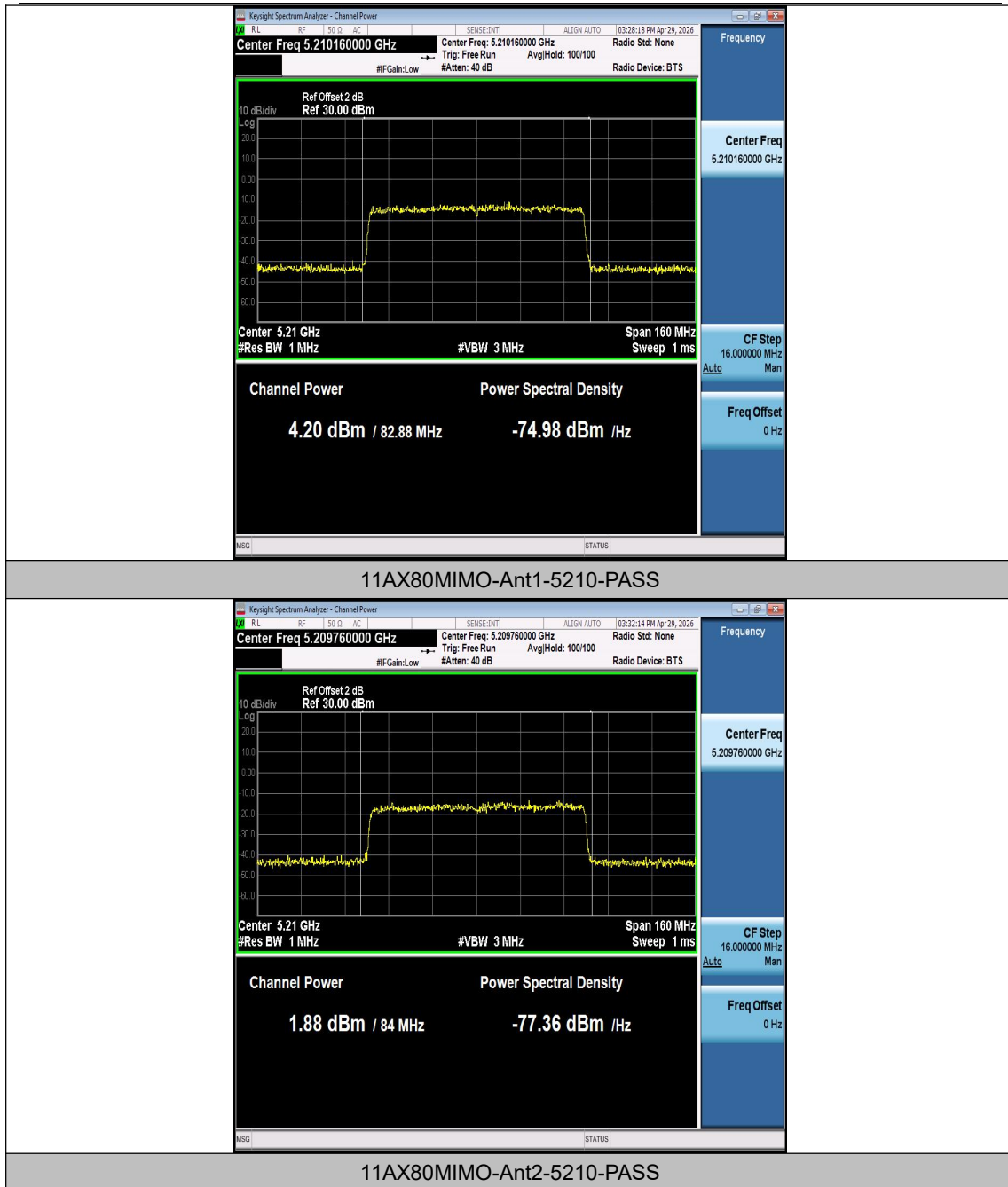
Note: 1.The cable loss are compensated in the graph.

2. As Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$ dBi= $10 \log[(10^{3.39/20} + 10^{3.39/20})^2 / 2]$ dBi= 6.40>6dBi, so limit=23.98-(6.40-6.00)=23.58dBm.

3. MIMO= $10 * \log((10^{ANT1/10}) + 10^{(ANT2/10)})$

Test Graphs Channel Power





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Appendix D: Maximum Power Spectral Density

Test Result B1

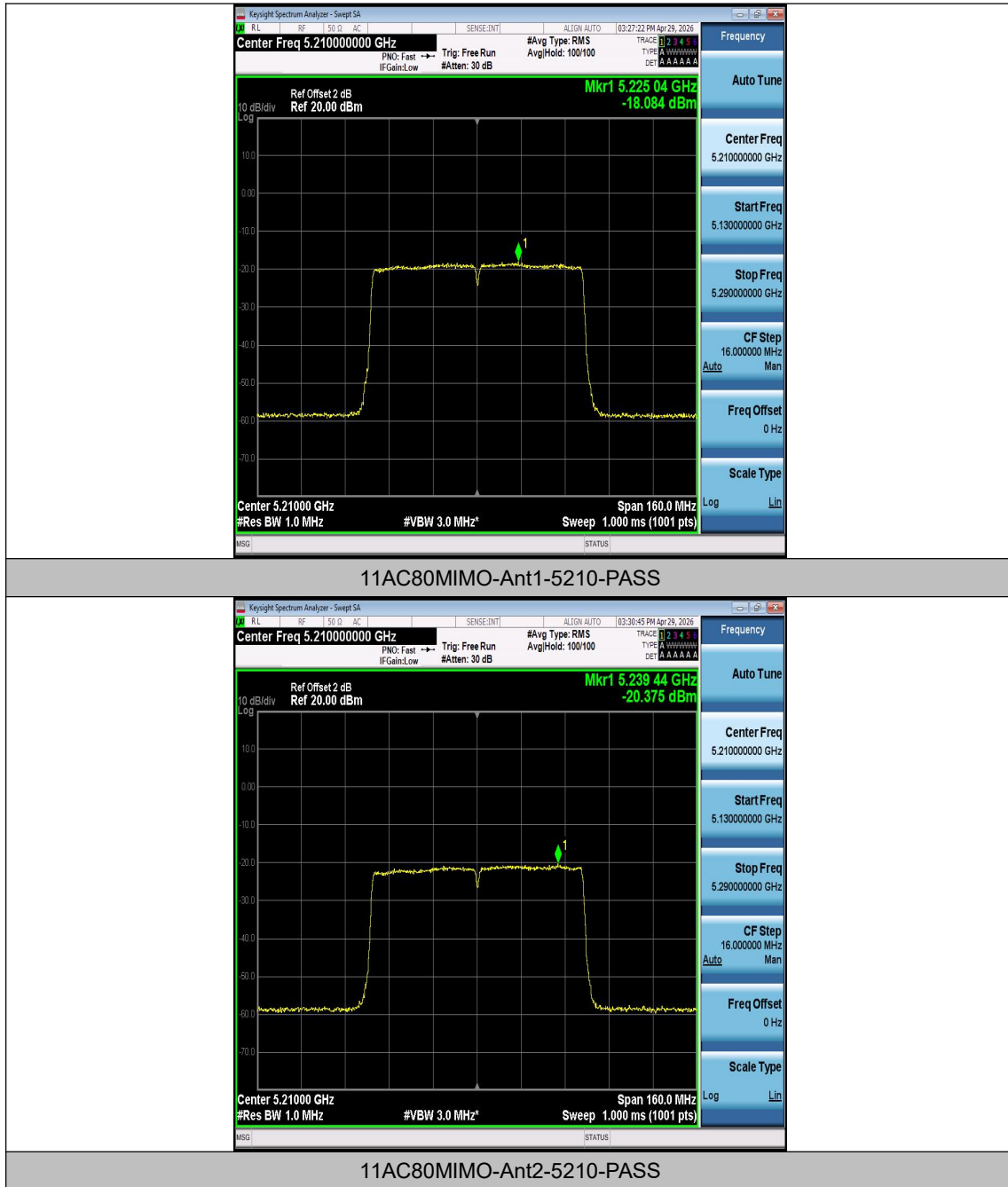
Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm/MHz]	Verdict
11AC80MIMO	Ant1	5210	-18.08	≤11.00	PASS
11AC80MIMO	Ant2	5210	-20.38	≤11.00	PASS
11AC80MIMO	total	5210	-16.07	≤10.60	PASS
11AX80MIMO	Ant1	5210	-19.05	≤11.00	PASS
11AX80MIMO	Ant2	5210	-21.07	≤11.00	PASS
11AX80MIMO	total	5210	-16.93	≤10.60	PASS

Note: 1.The cable loss are compensated in the graph.

2. As Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$ dBi= $10 \log[(10^{3.39/20} + 10^{3.39/20})^2 / 2]$ dBi= 6.40>6dBi, so limit=11-(6.40-6.00)=10.60dBm/MHz.

3. MIMO= $10 * \log((10^{ANT1/10} + 10^{ANT2/10}))$

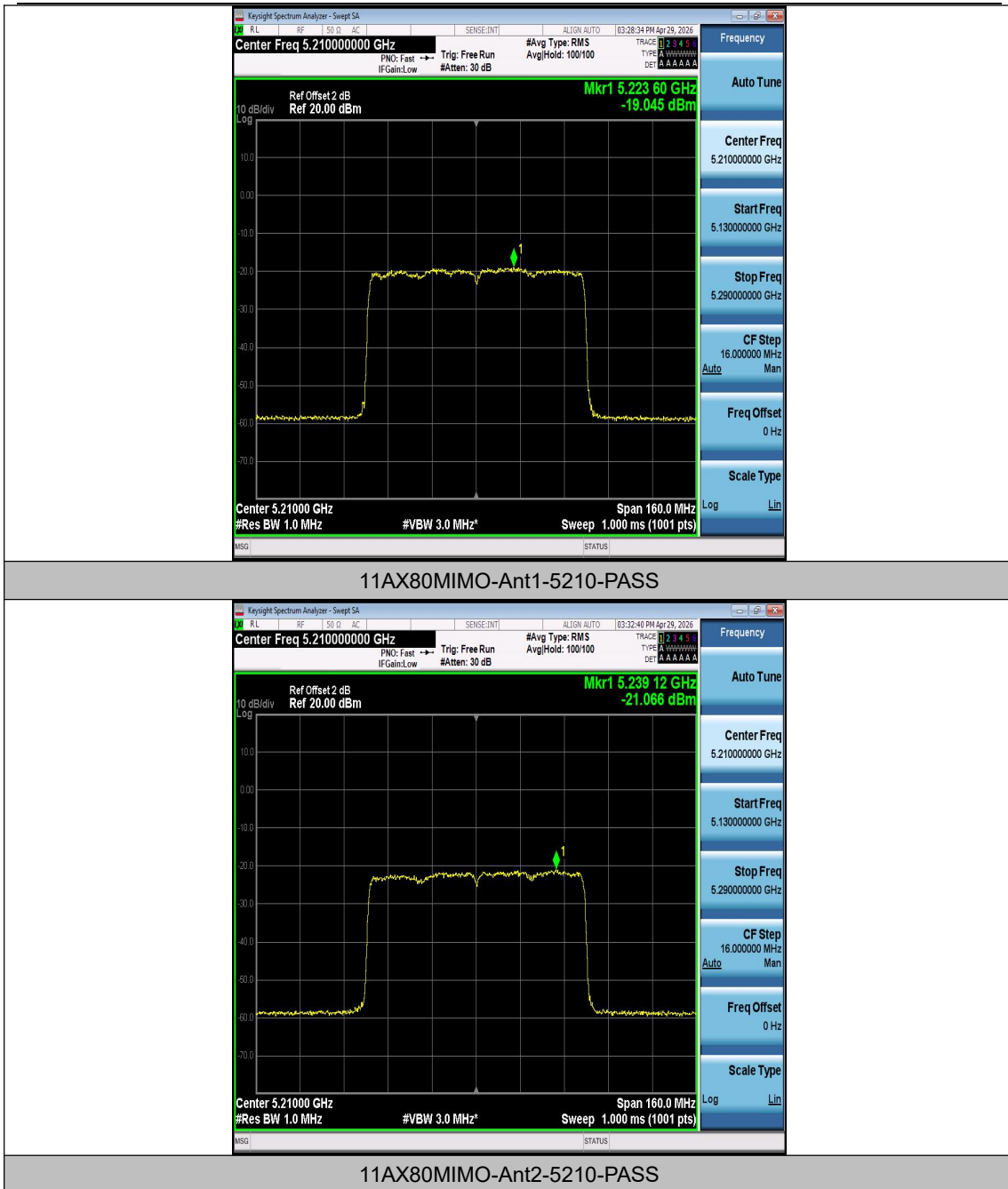
Test Graphs B1



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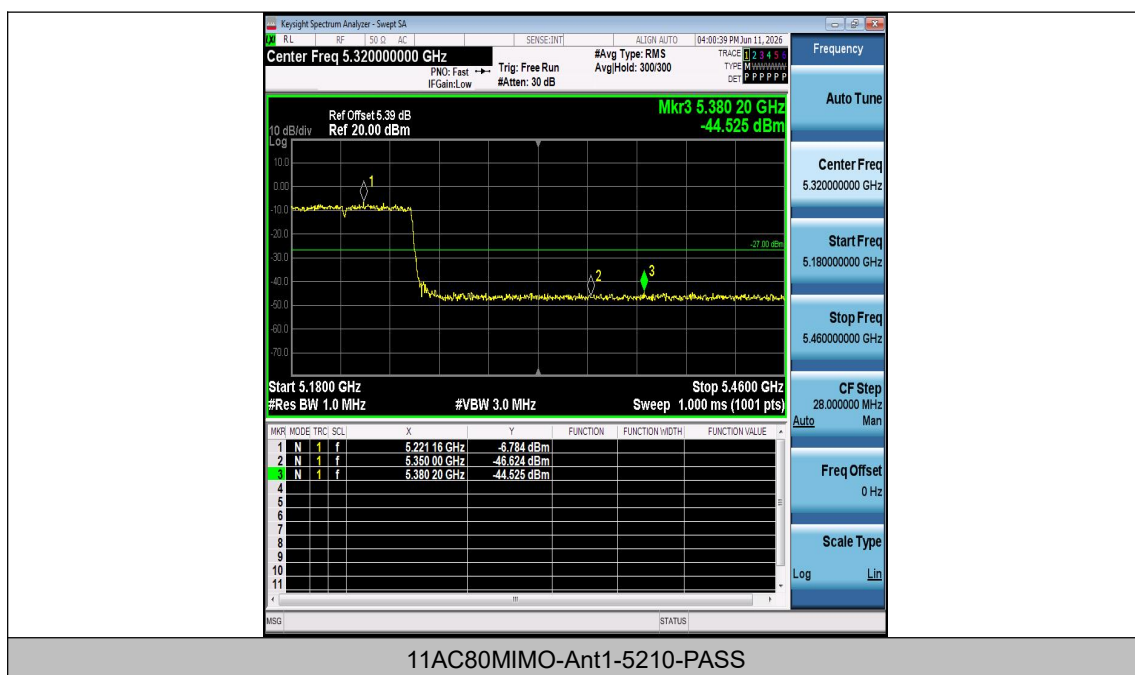
Appendix E: Band edge measurements

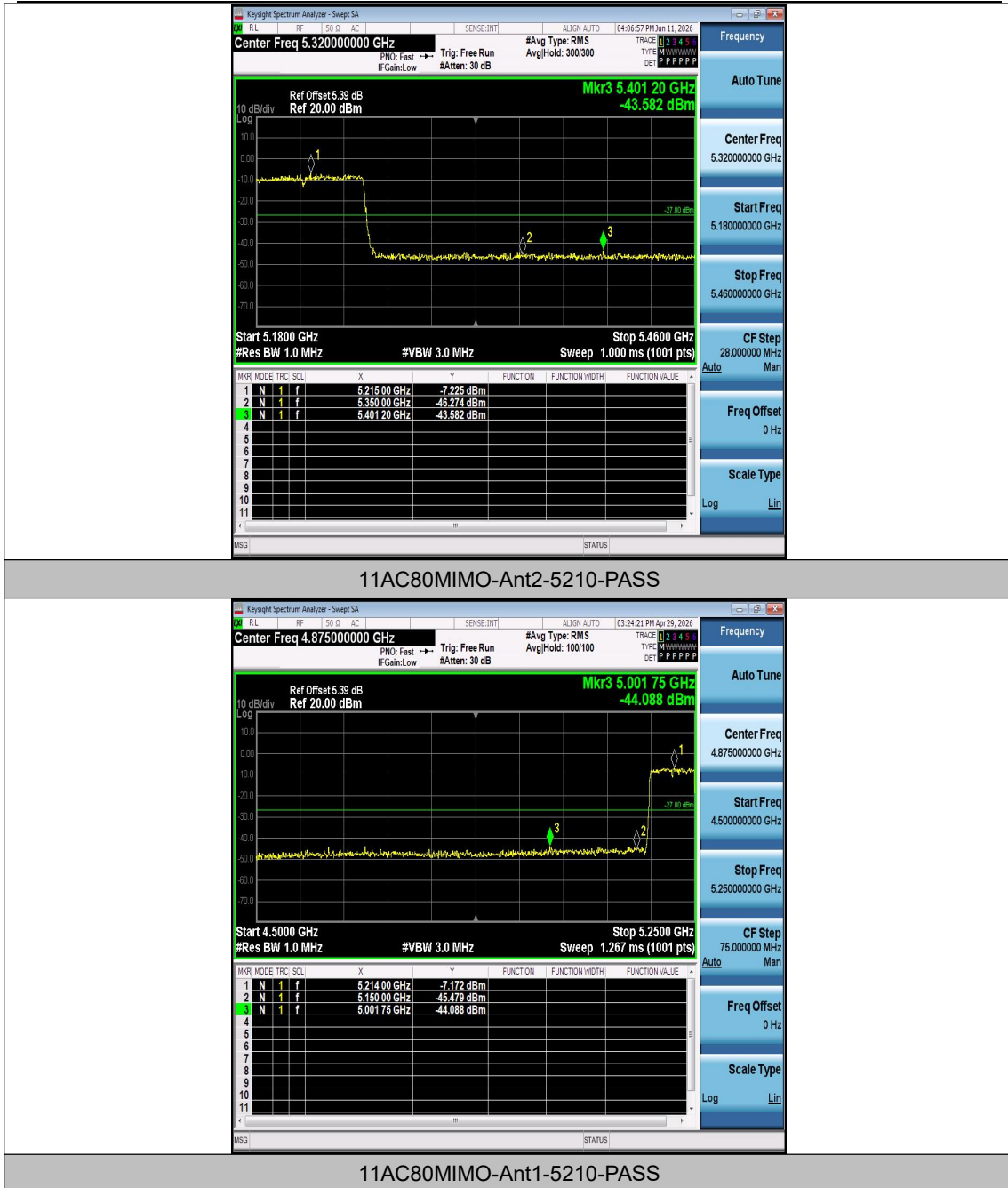
Test Result B1

Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11AC80MIMO	Ant1	High	5210	-44.53	≤-27	PASS
11AC80MIMO	Ant2	High	5210	-43.58	≤-27	PASS
11AC80MIMO	Ant1	Low	5210	-44.09	≤-27	PASS
11AC80MIMO	Ant2	Low	5210	-43.62	≤-27	PASS
11AX80MIMO	Ant1	High	5210	-44.28	≤-27	PASS
11AX80MIMO	Ant2	High	5210	-43.89	≤-27	PASS
11AX80MIMO	Ant1	Low	5210	-44.23	≤-27	PASS
11AX80MIMO	Ant2	Low	5210	-43.32	≤-27	PASS

Note: The margin plus the antenna gain also meets the limit.

Test Graphs B1

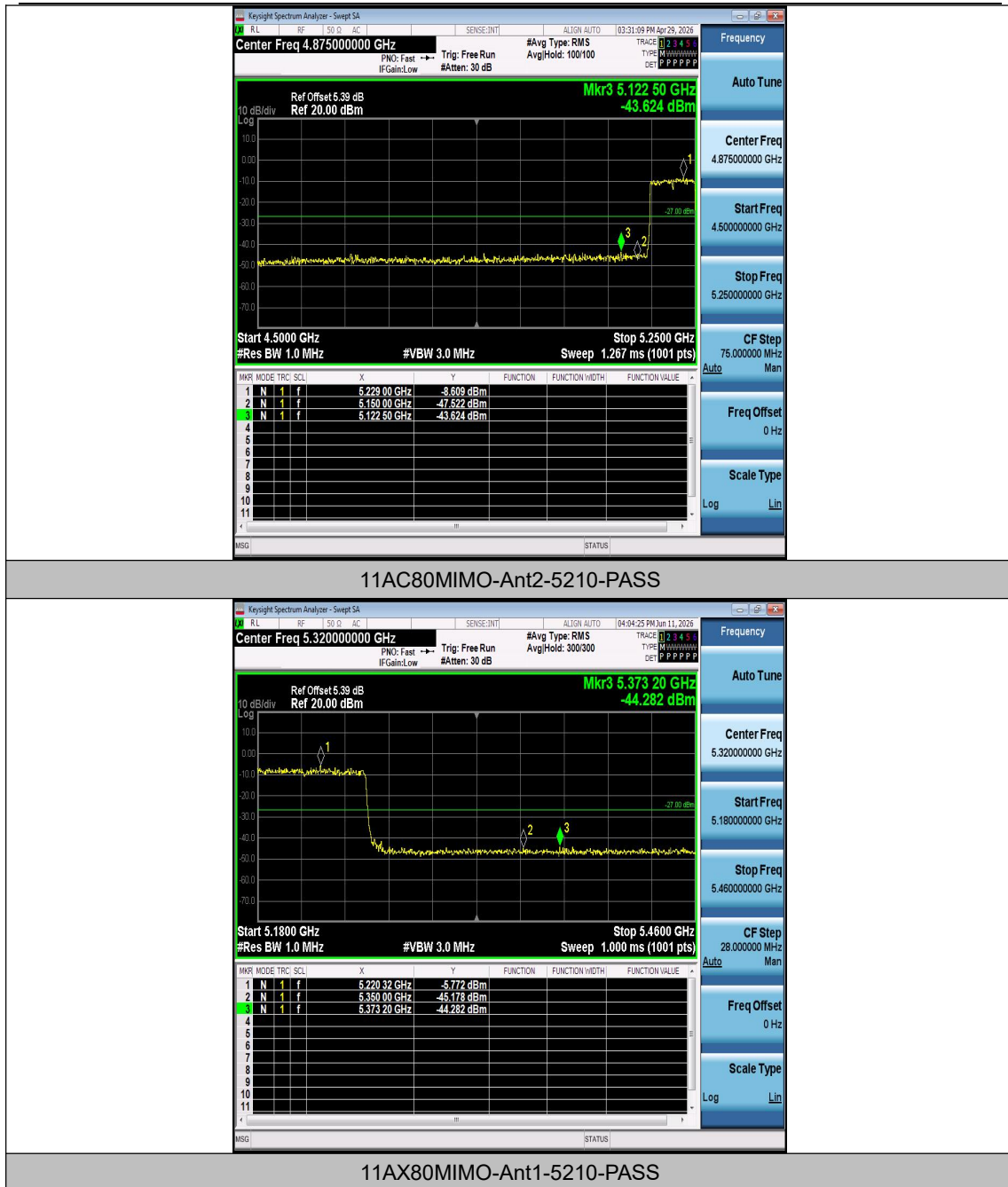




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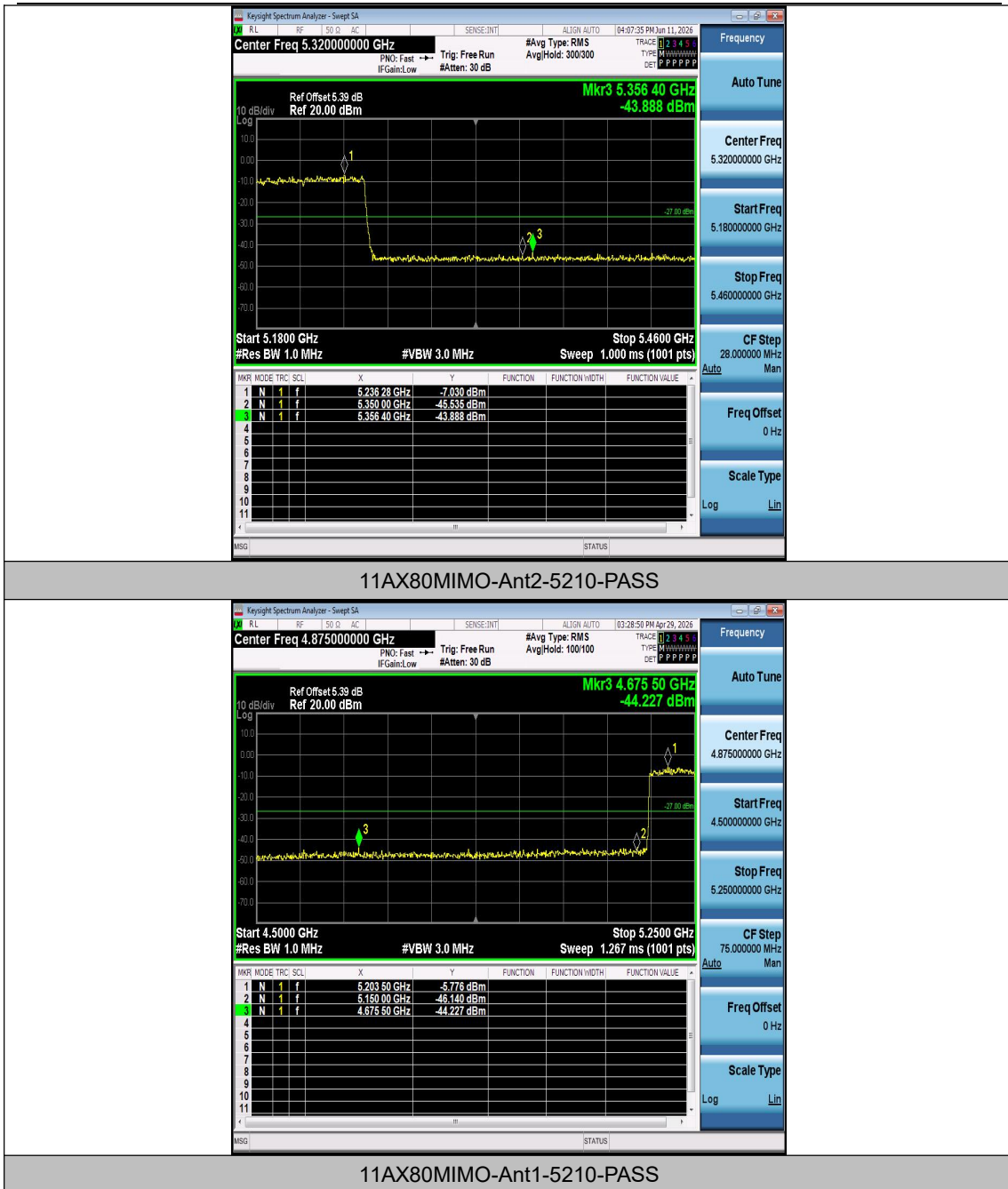
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