

Appendix A

Test plots

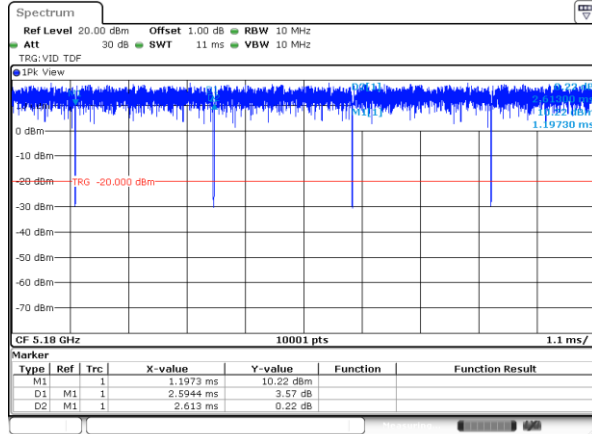
UNII 802.11ax WLAN

REPORT REVISION HISTORY

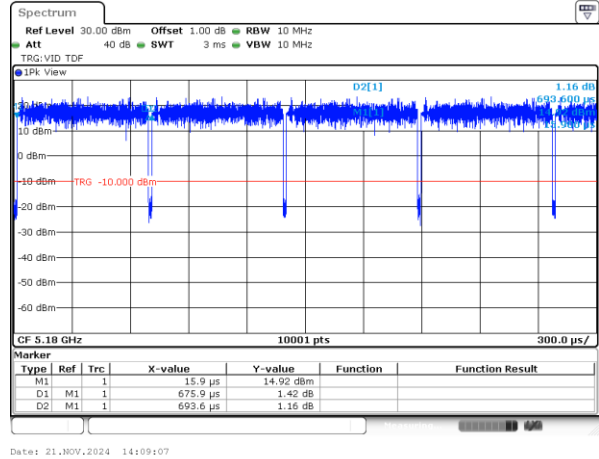
Date	Revision	Page No
2025-03-07	Originally issued	-

Duty cycle MIMO

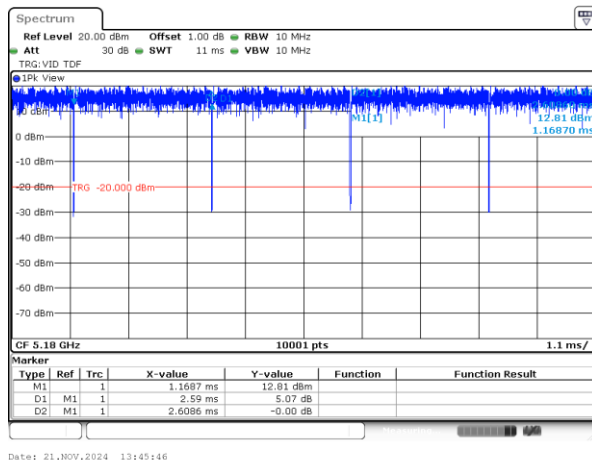
802.11ax_HE20 / 26T



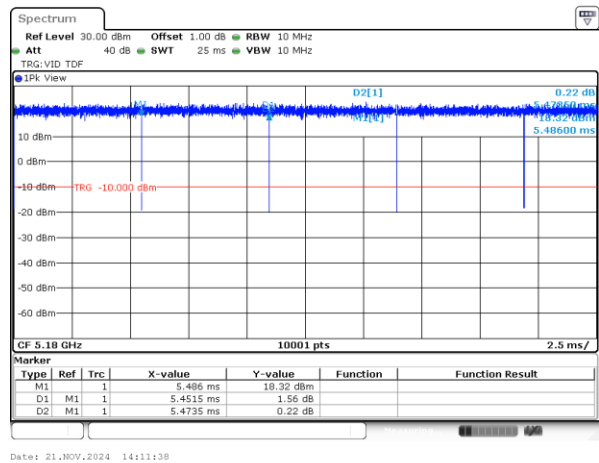
802.11ax_HE20 / 242T



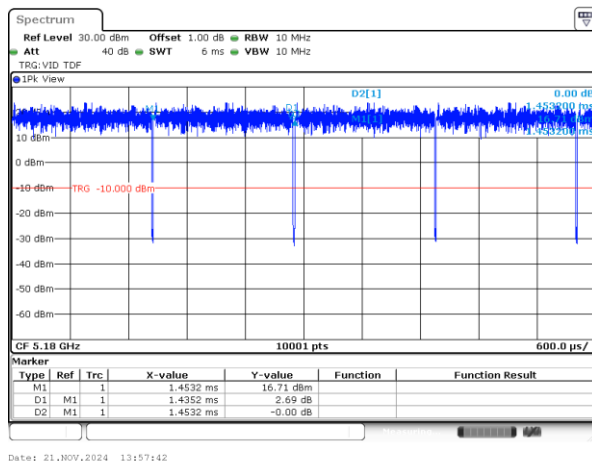
802.11ax_HE20 / 52T



802.11ax_HE20 / SU

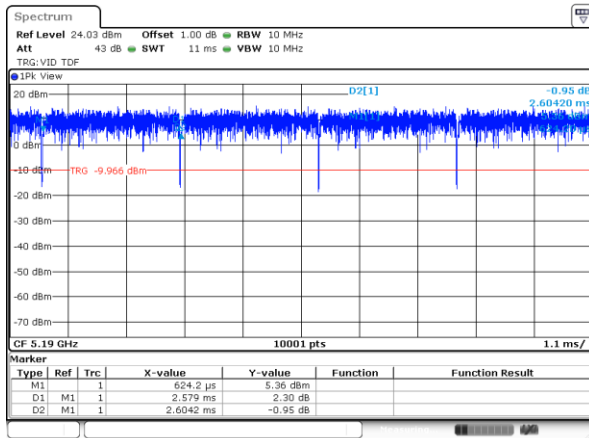


802.11ax_HE20 / 106T



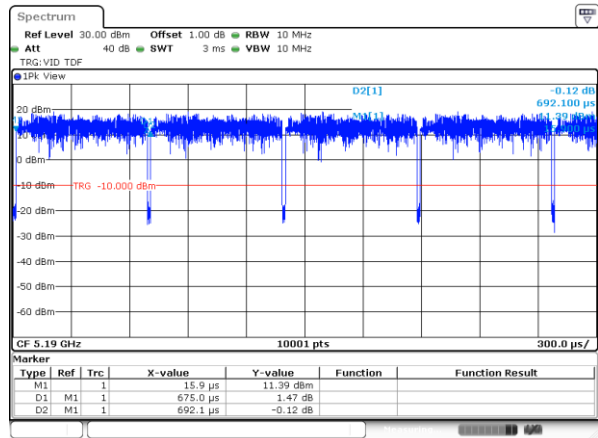
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802.11ax_HE40 / 26T



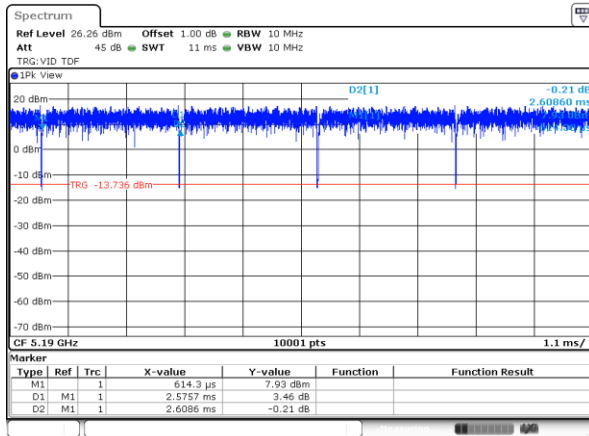
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802.11ax_HE40 / 242T



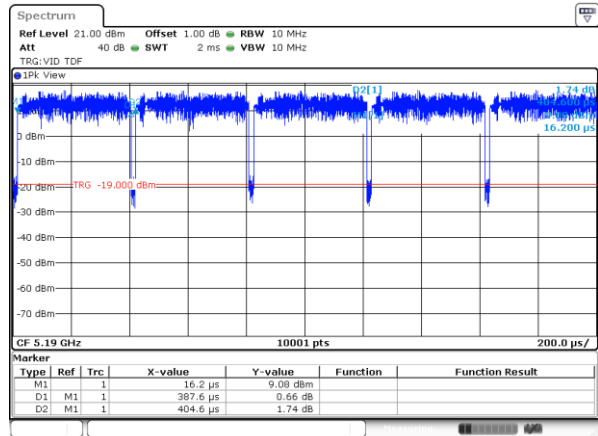
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802.11ax_HE40 / 52T



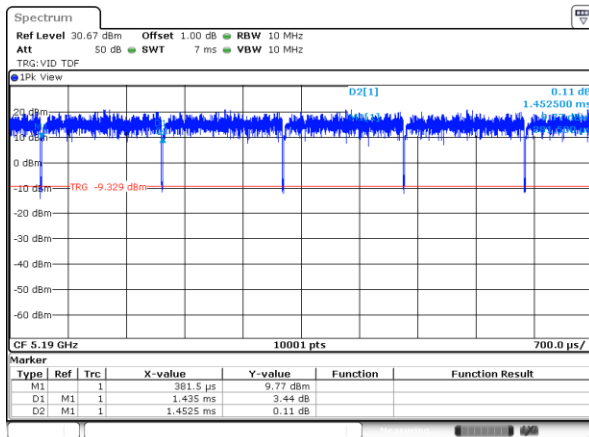
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802.11ax_HE40 / 484T



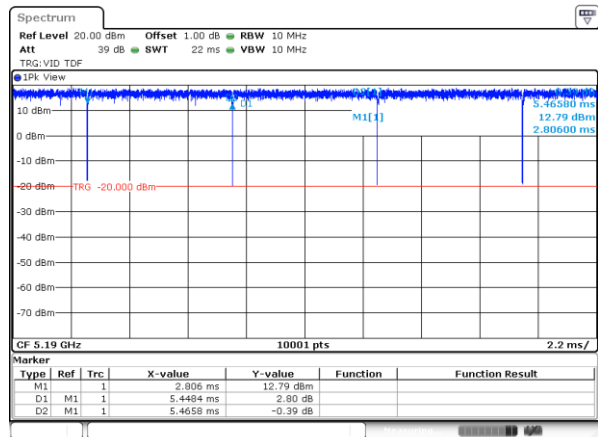
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802.11ax_HE40 / 106T



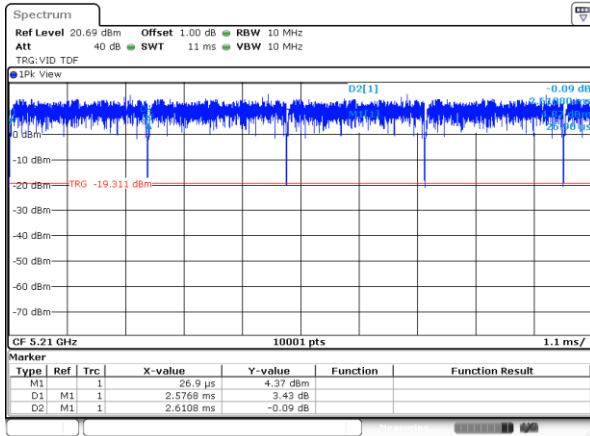
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802.11ax_HE40 / SU



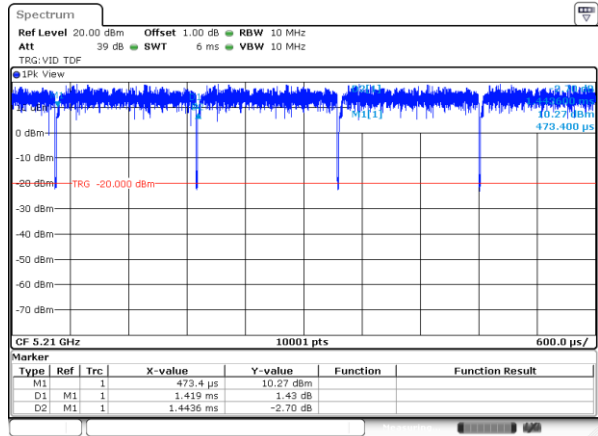
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802.11ax_HE80 / 26T



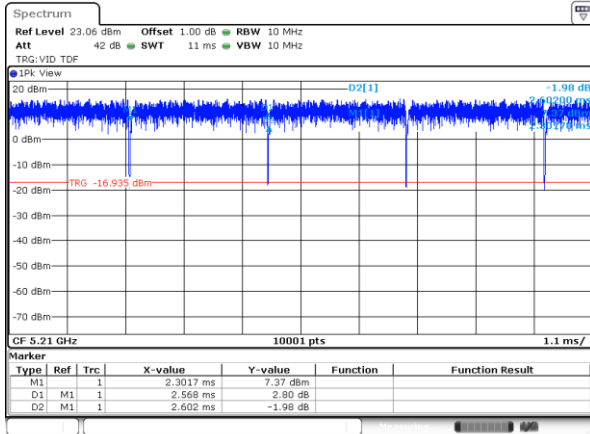
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802.11ax_HE80 / 106T



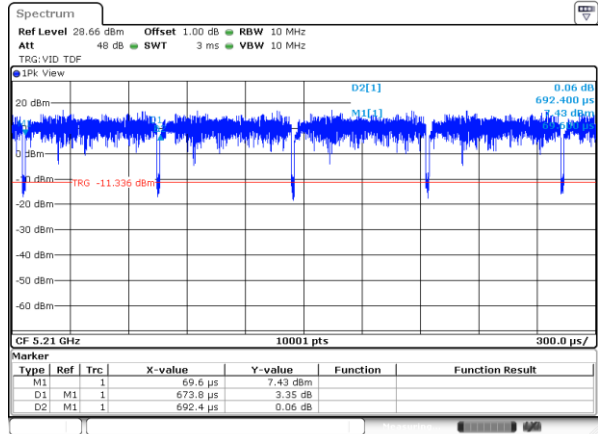
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802.11ax_HE80 / 52T



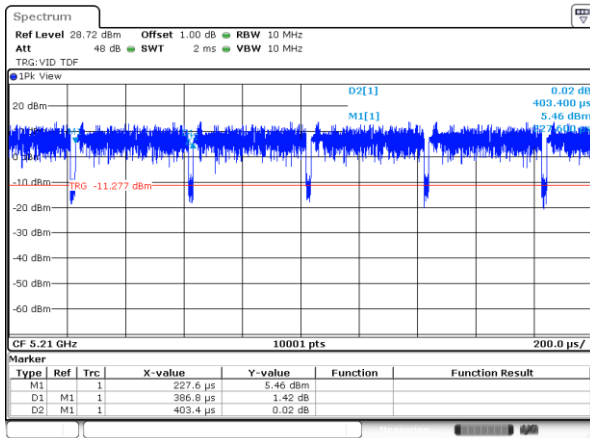
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802.11ax_HE80 / 242T

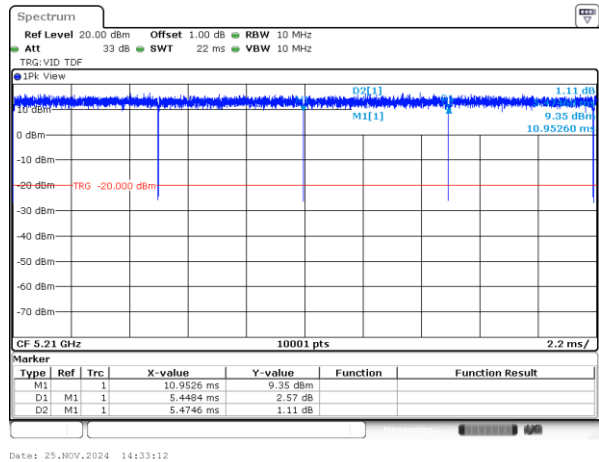


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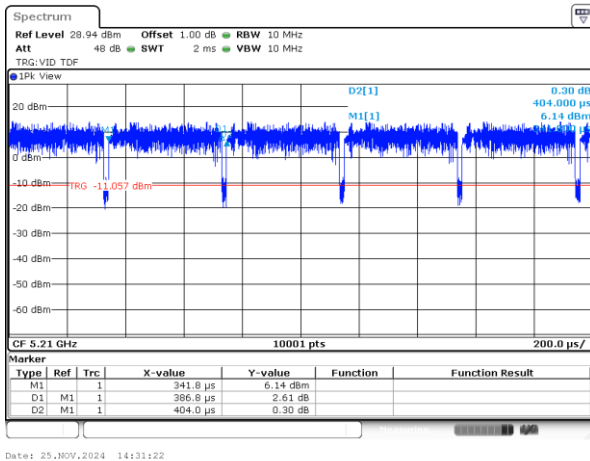
802.11ax_HE80 / 484T



802.11ax_HE80 / SU

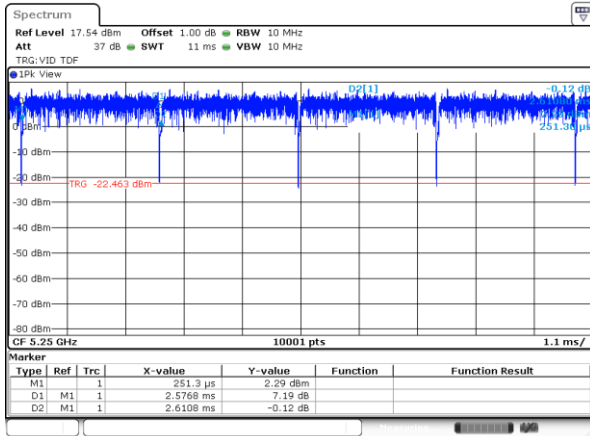


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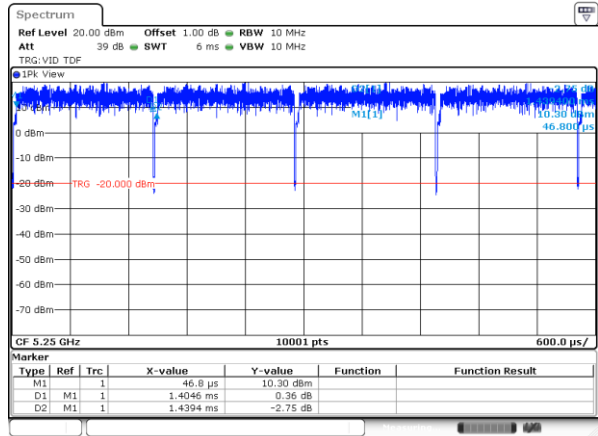


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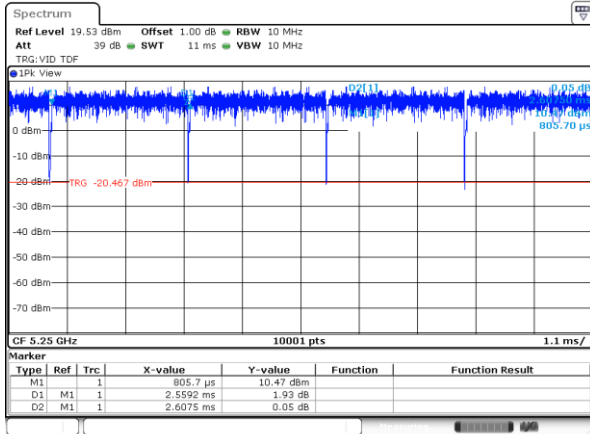
802.11ax_HE160 / 26T



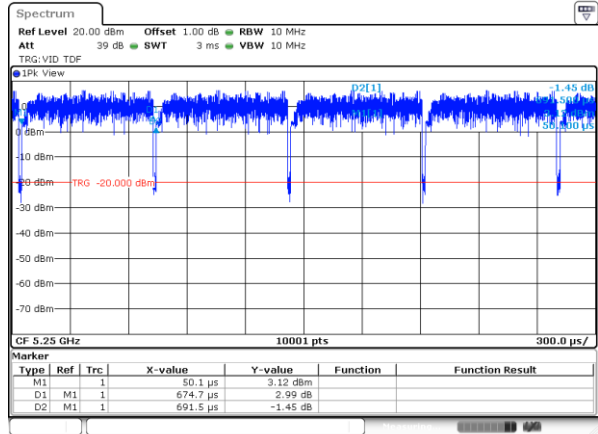
802.11ax_HE160 / 106T

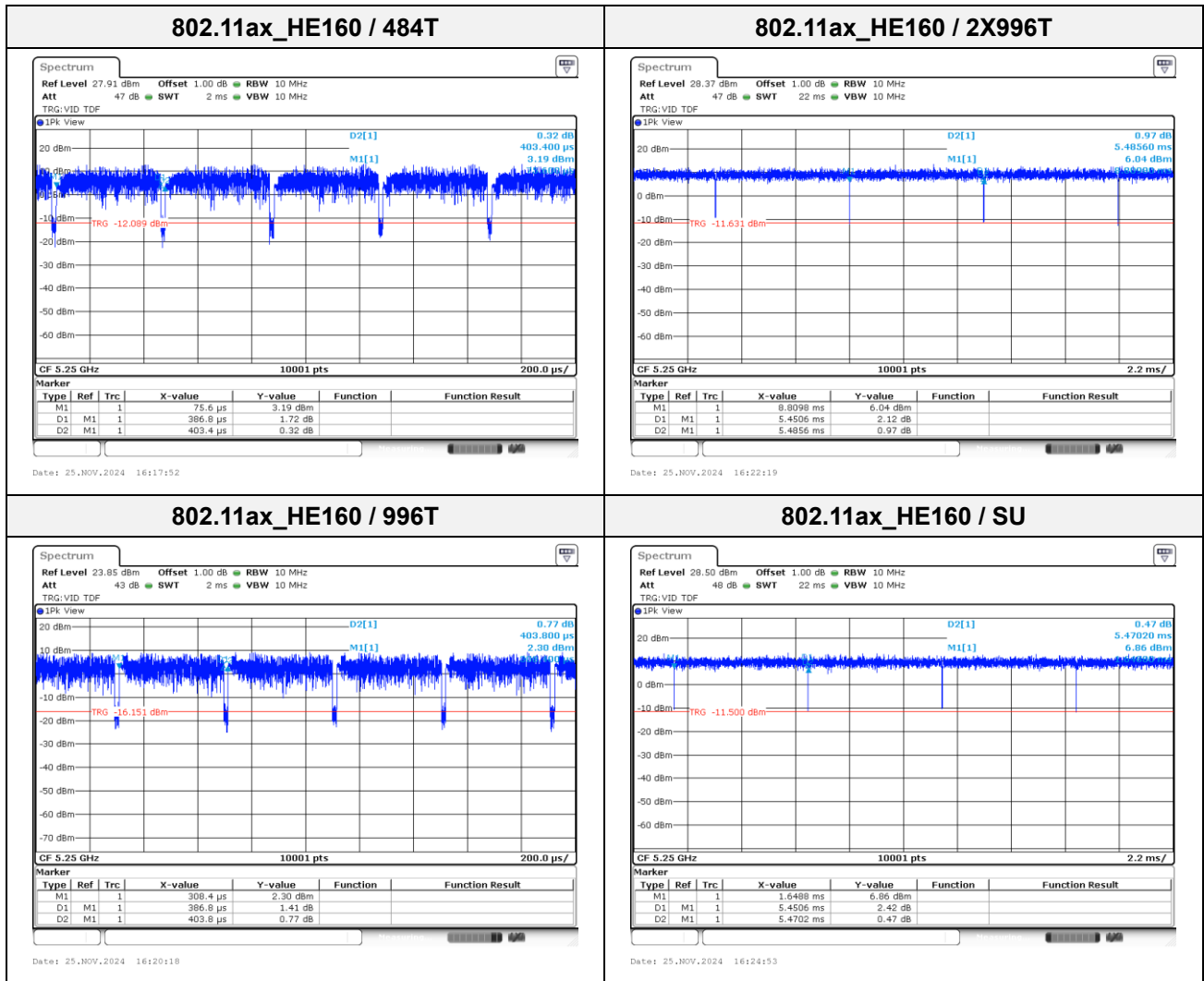


802.11ax_HE160 / 52T



802.11ax_HE160 / 242T

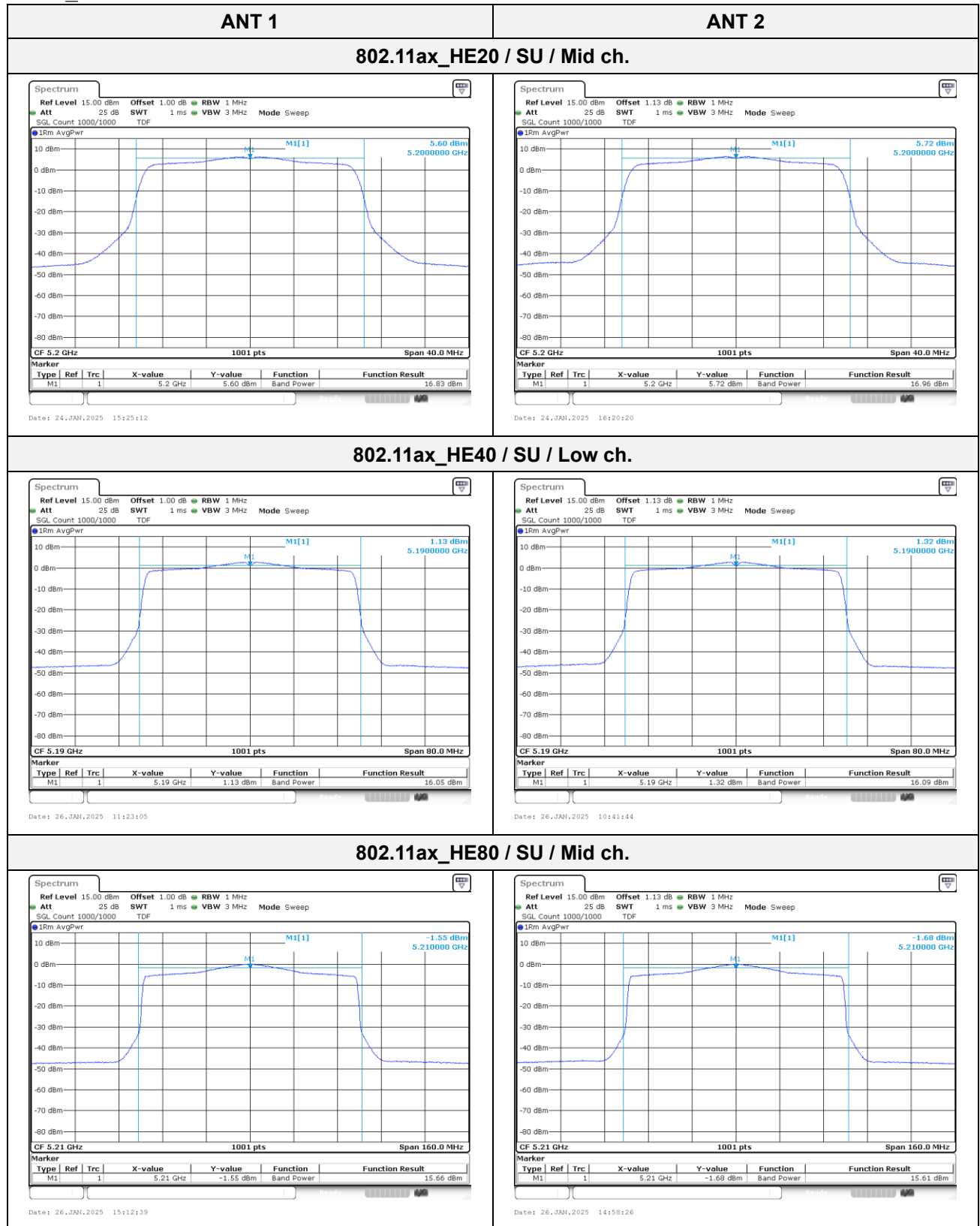




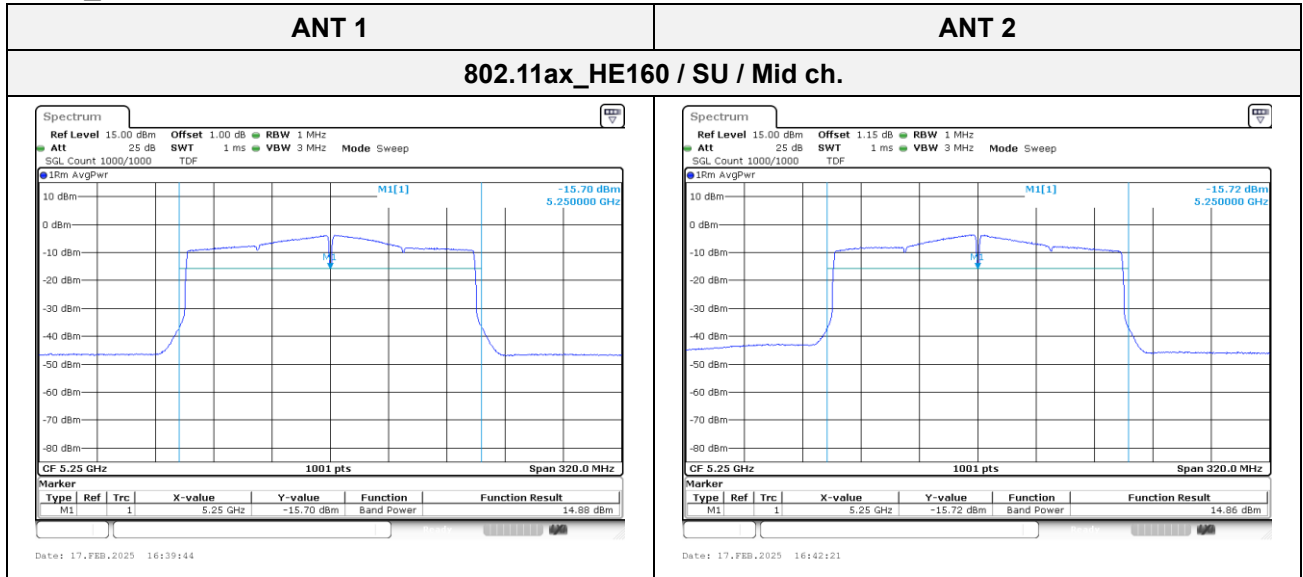
Maximum conducted output power

In order to simplify the report, attached plots were the worst case per bandwidth

MIMO_UNII-1 Band



MIMO_UNII-1&2A Band

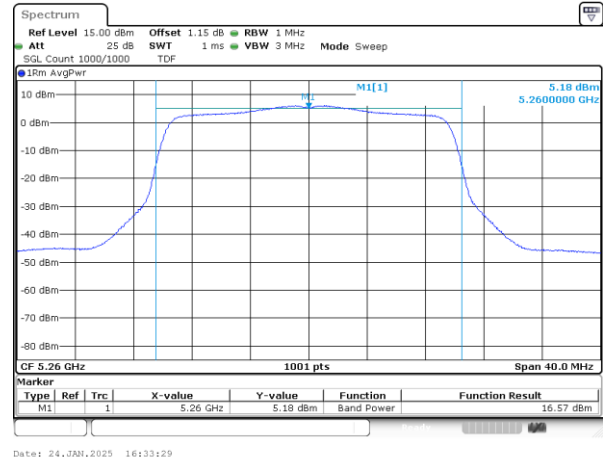
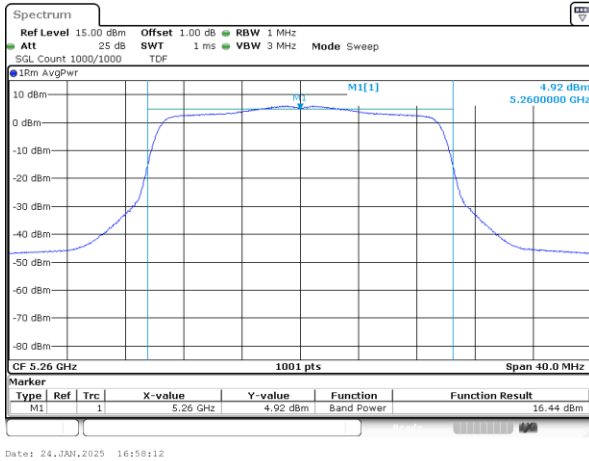


MIMO_UNII-2A Band

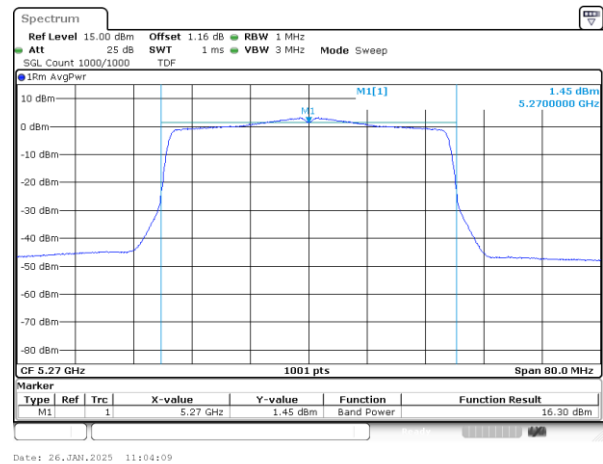
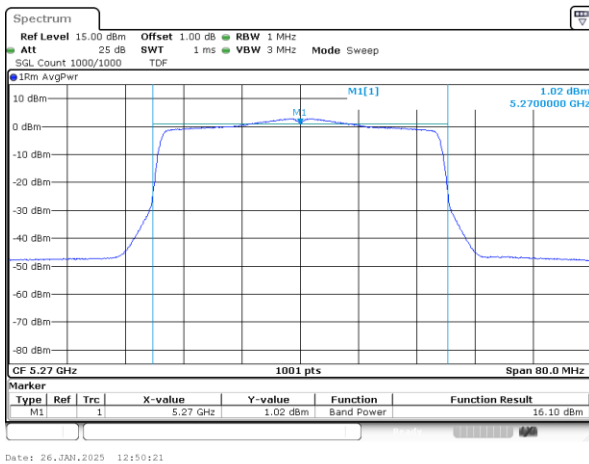
ANT 1

ANT 2

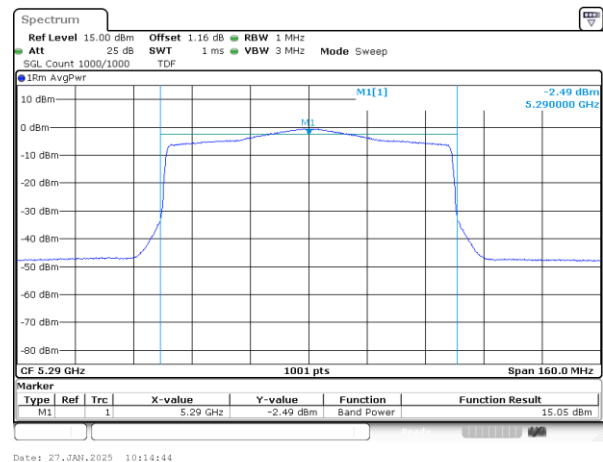
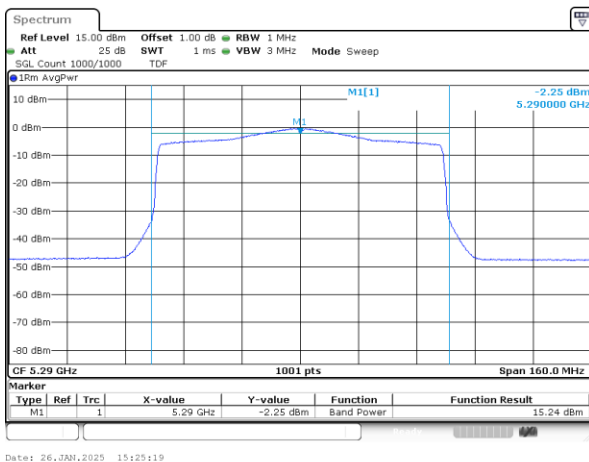
802.11ax_HE20 / SU / Low ch.



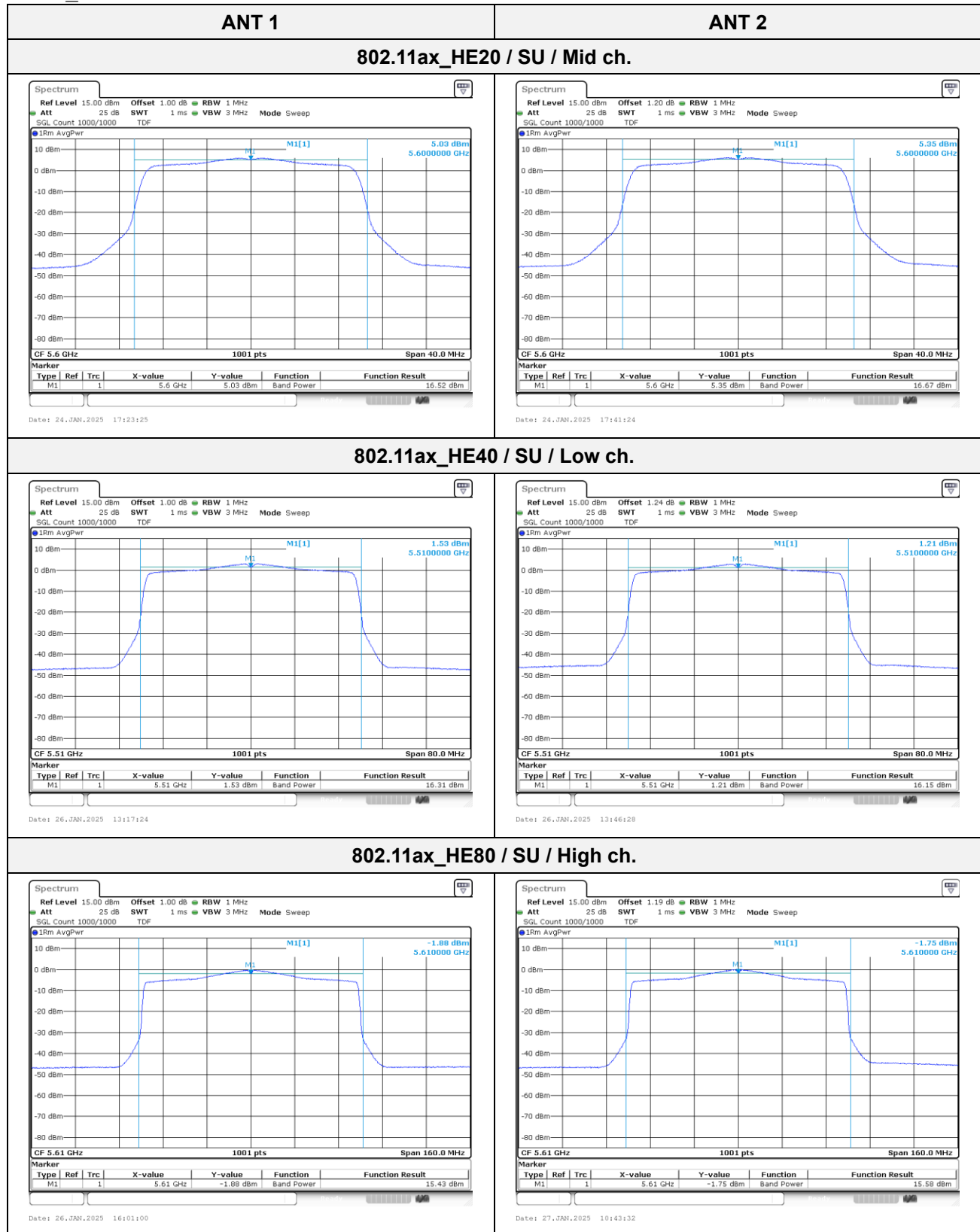
802.11ax_HE40 / SU / Low ch.



802.11ax_HE80 / SU / Mid ch.



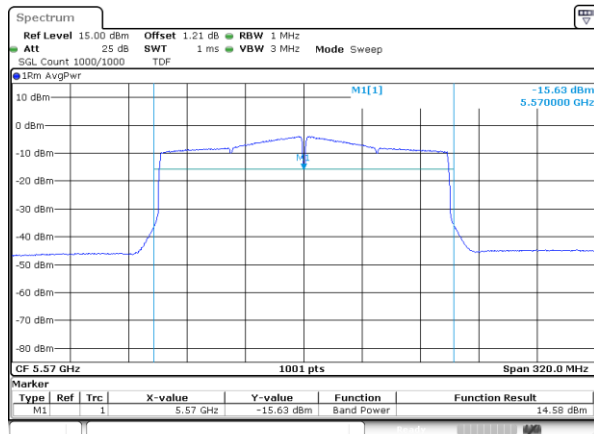
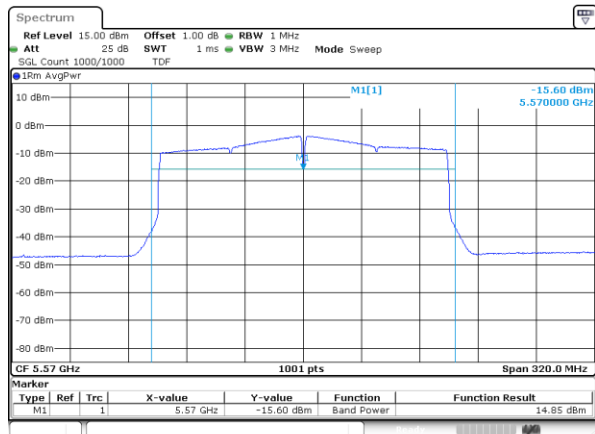
MIMO_UNII-2C Band



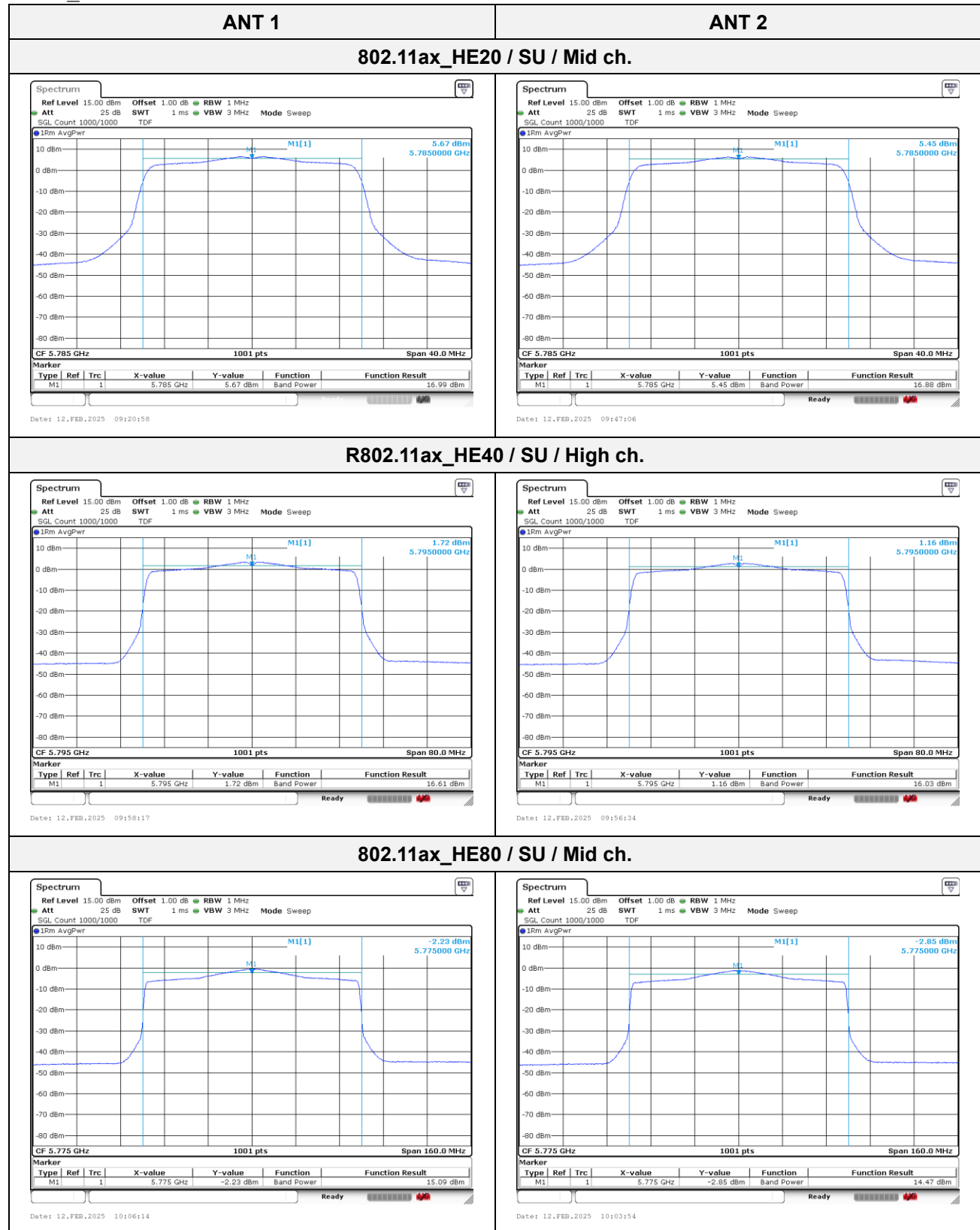
ANT 1

ANT 2

802.11ax_HE160 / SU / Mid ch.



MIMO_UNII-3 Band

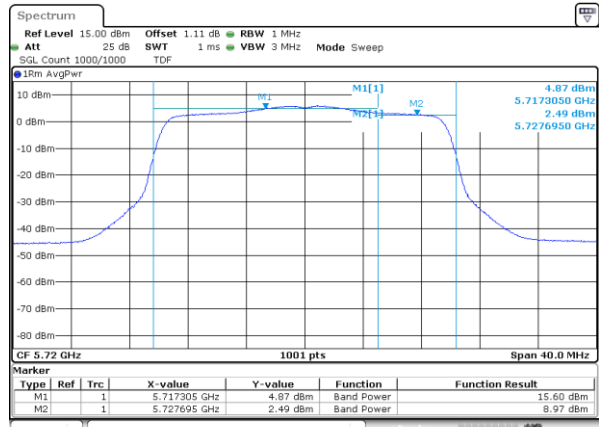
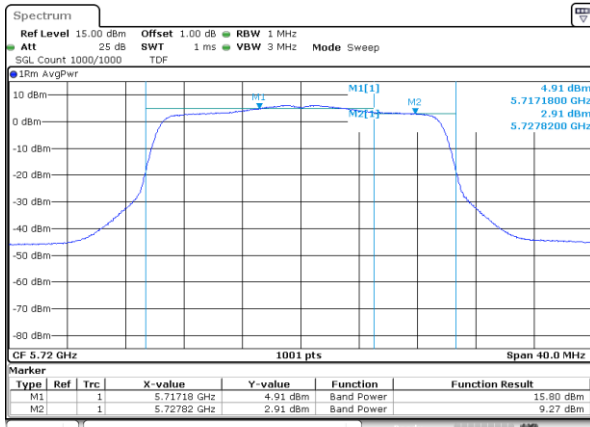


MIMO_UNII 2C & UNII 3 Band_Straddle

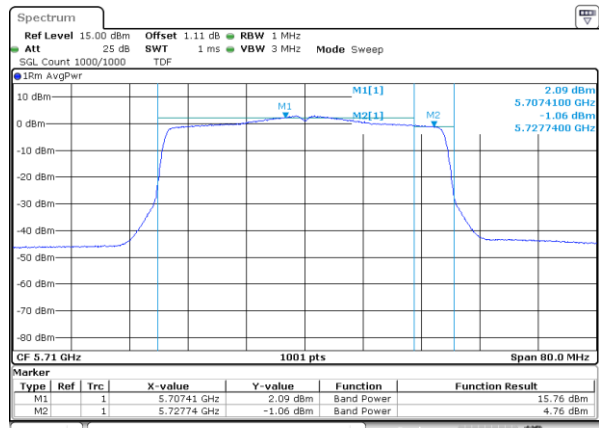
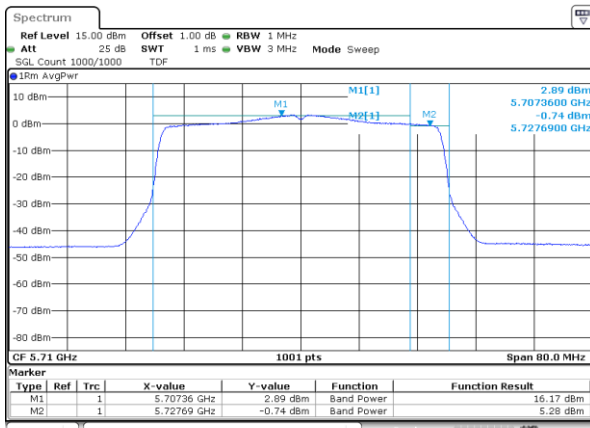
ANT 1

ANT 2

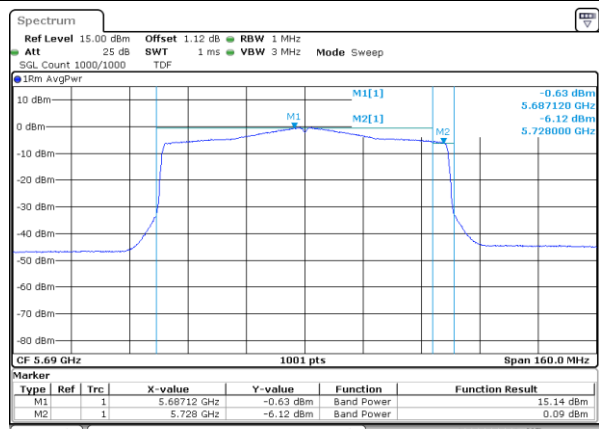
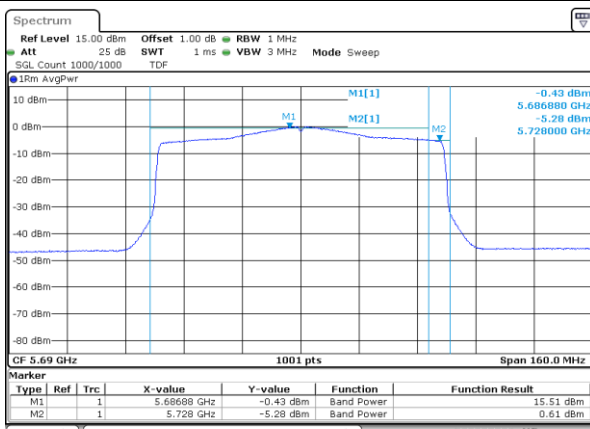
802.11ax_HE20 / SU / 5 720 MHz



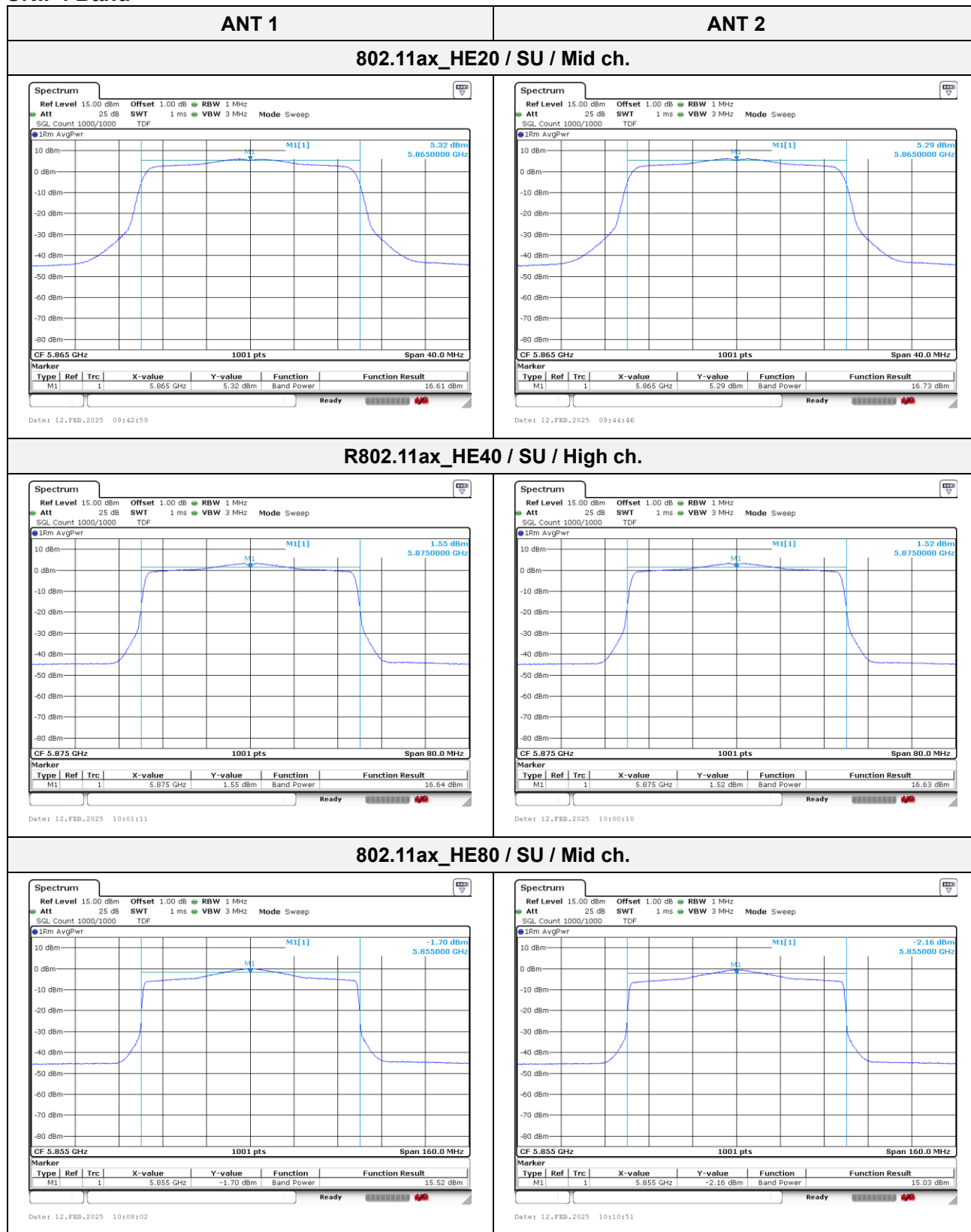
802.11ax_HE40 / SU / 5 710 MHz



802.11ax_HE80 / SU / 5 690 MHz



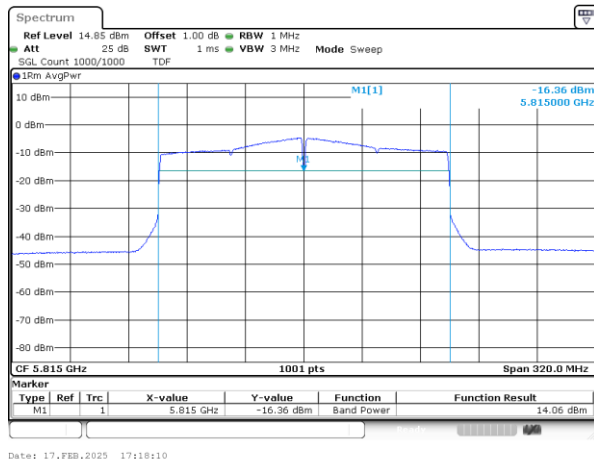
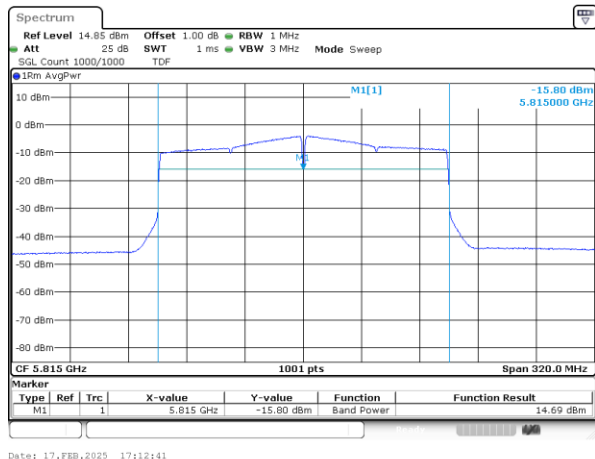
UNII-4 Band



ANT 1

ANT 2

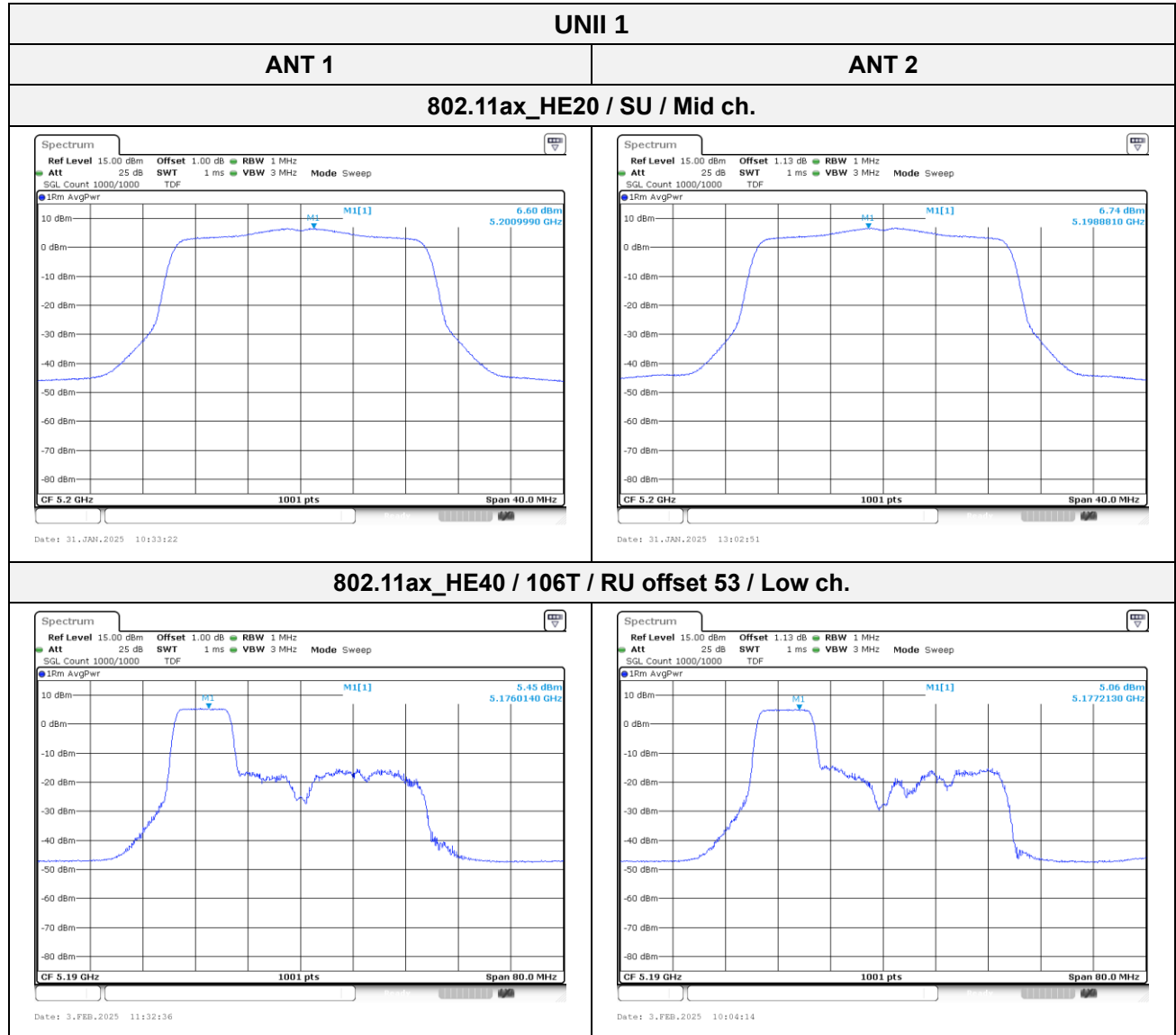
802.11ax_HE160 / SU / Mid ch.



Maximum power spectral density

In order to simplify the report, attached plots were the worst case per bandwidth

MIMO

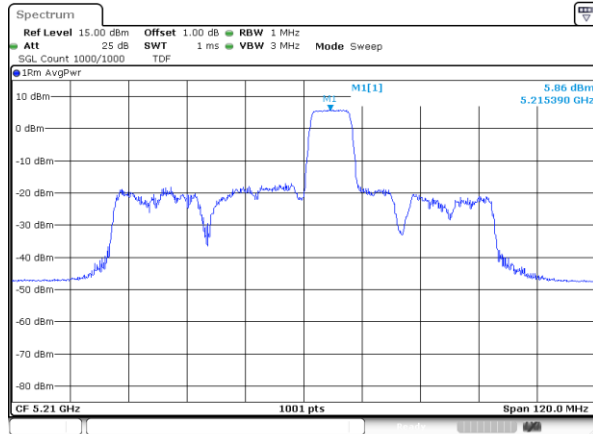


UNII 1

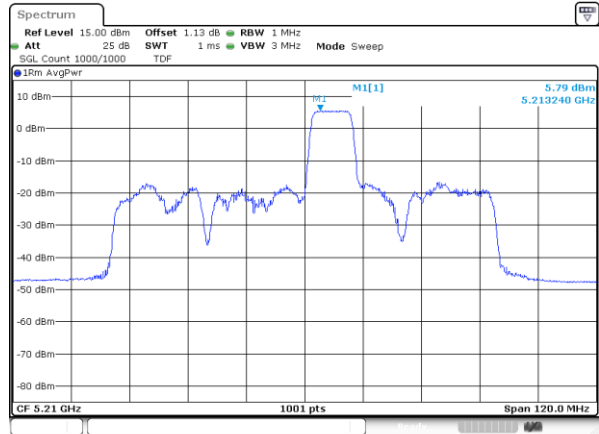
ANT 1

ANT 2

802.11ax_HE80 / 106T / RU offset 57 / Mid ch.



Date: 3.FEB.2025 13:49:36



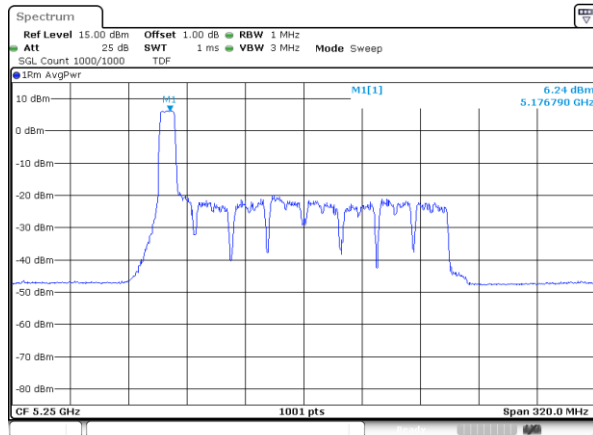
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UNII 1&2A

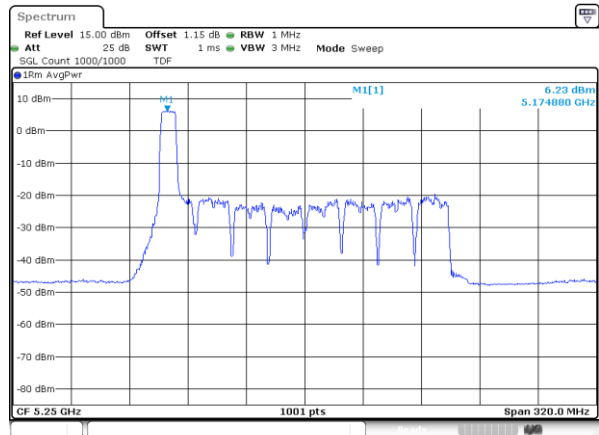
ANT 1

ANT 2

802.11ax_HE160 / 106T / RU offset 53L / Mid ch.



Date: 3.FEB.2025 16:02:31



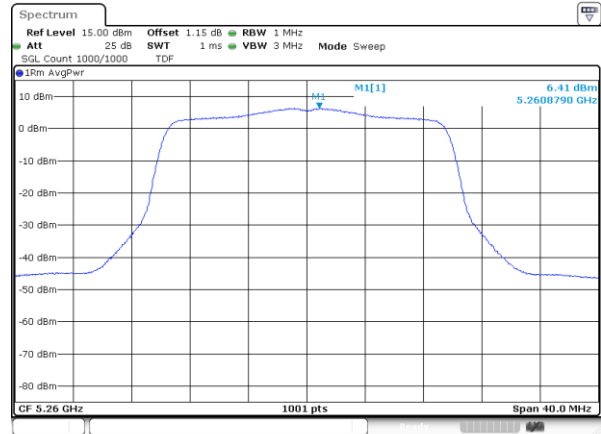
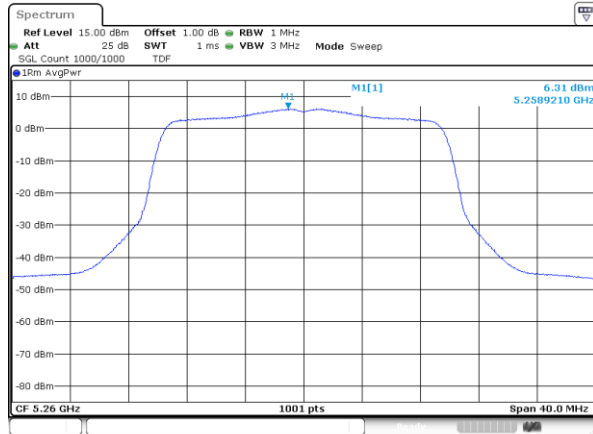
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UNII 2A

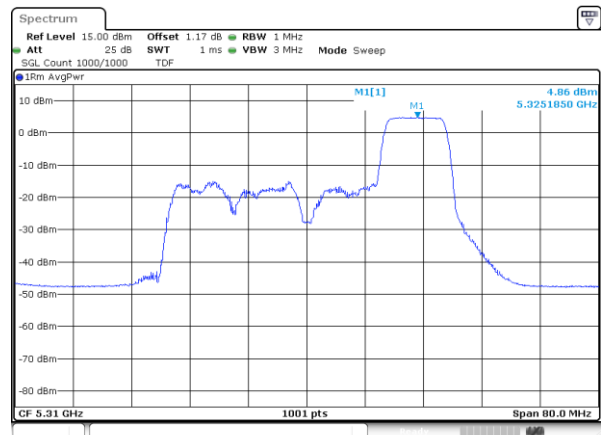
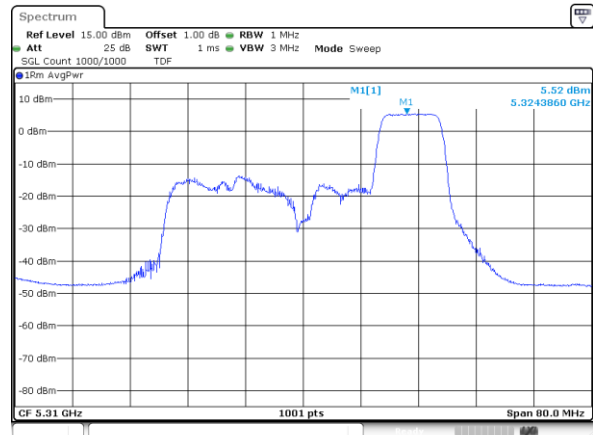
ANT 1

ANT 2

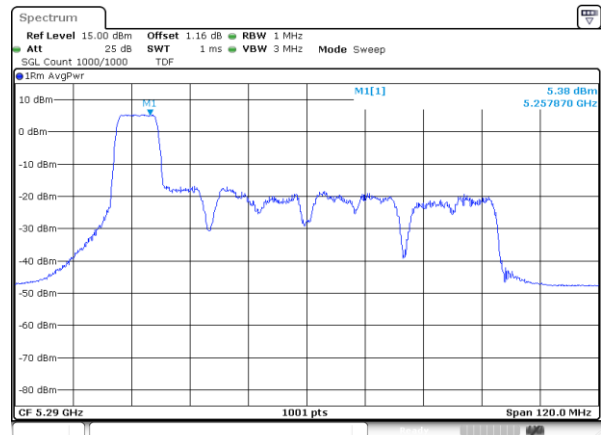
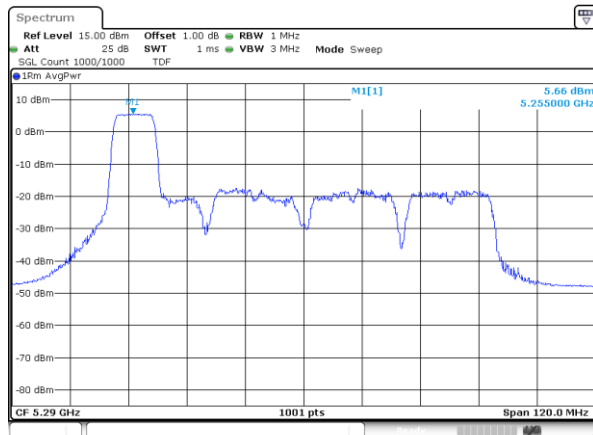
802.11ax_HE20 / SU / Low ch.



802.11ax_HE40 / 106T / RU offset 56 / High ch.



802.11ax_HE80 / 106T / RU offset 53 / Mid ch.

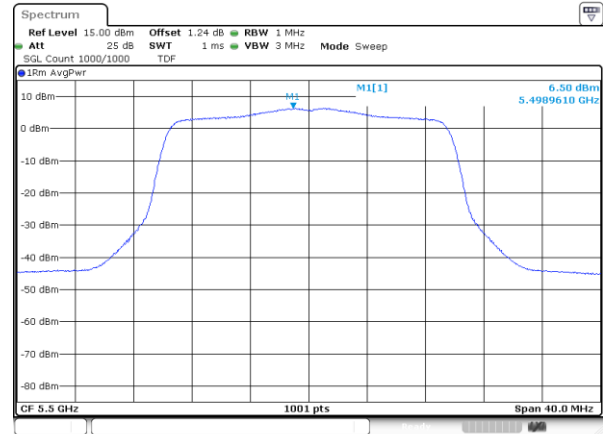
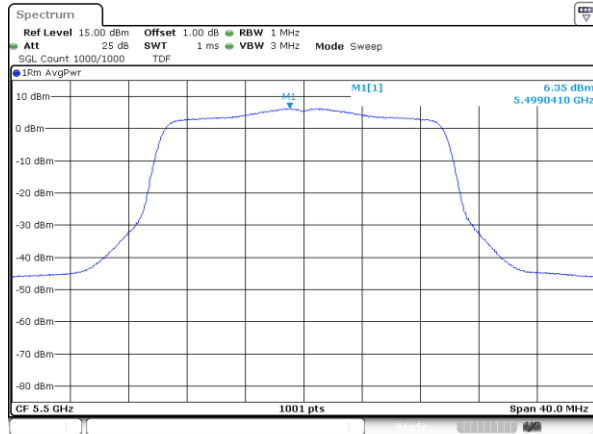


UNII 2C

ANT 1

ANT 2

802.11ax_HE20 / SU / Low ch.

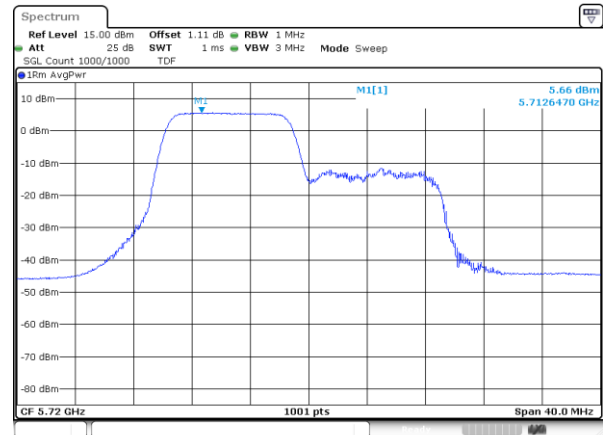
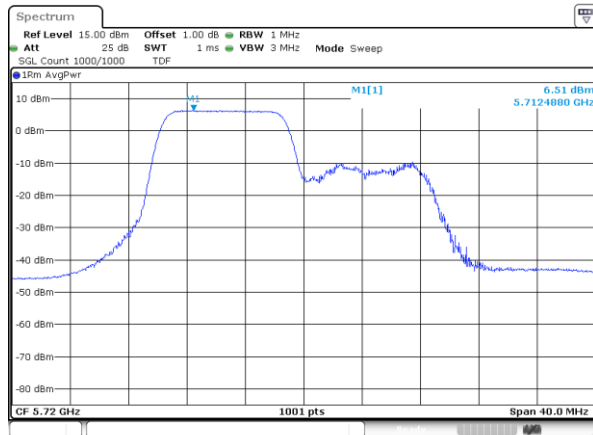


MIMO_HE20_UNII-2C Band_Straddle

ANT 1

ANT 2

802.11ax_HE20 / 106T / RU offset 53 / 5 720 MHz

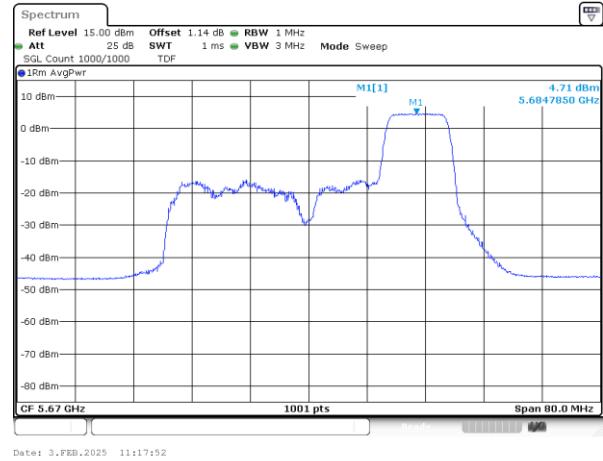
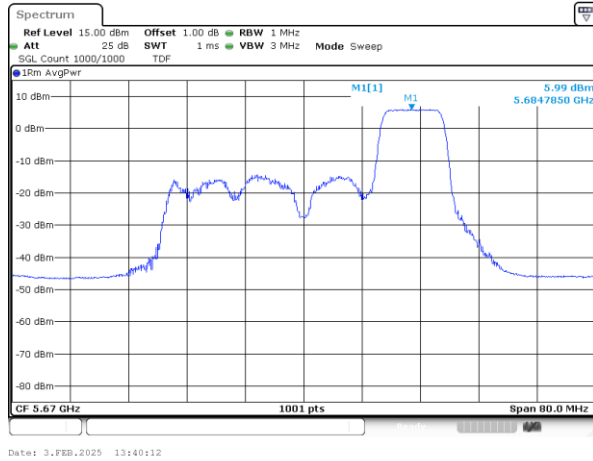


UNII 2C

ANT 1

ANT 2

802.11ax_HE40 / 106T / RU offset 56 / High ch.

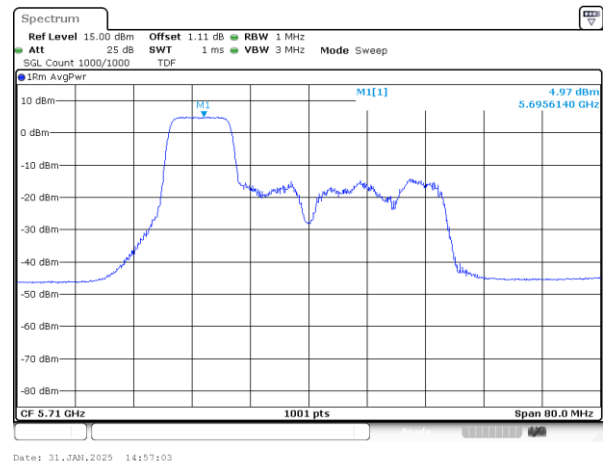
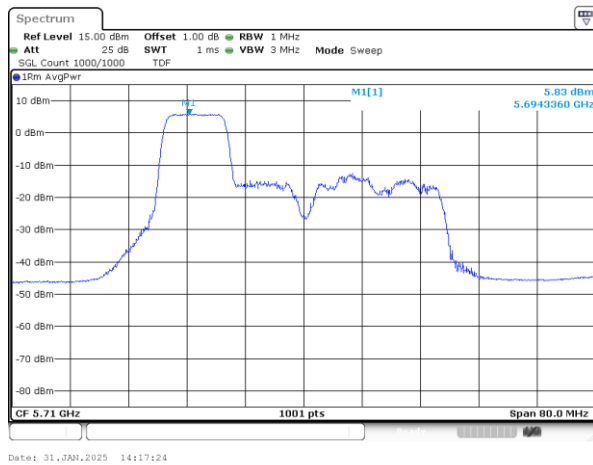


MIMO_HE40_UNII-2C Band Straddle

ANT 1

ANT 2

802.11ax_HE40 / 106T / RU offset 53 / 5 710 MHz

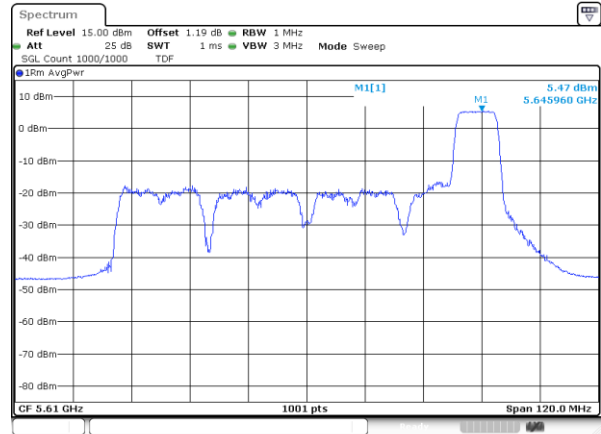
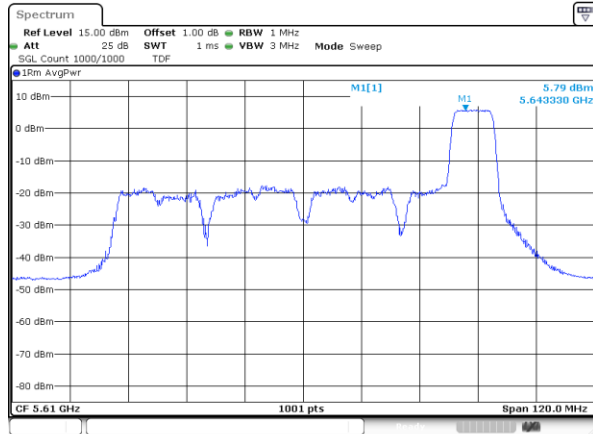


UNII 2C

ANT 1

ANT 2

802.11ax_HE80 / 106T / RU offset 60 / High ch.

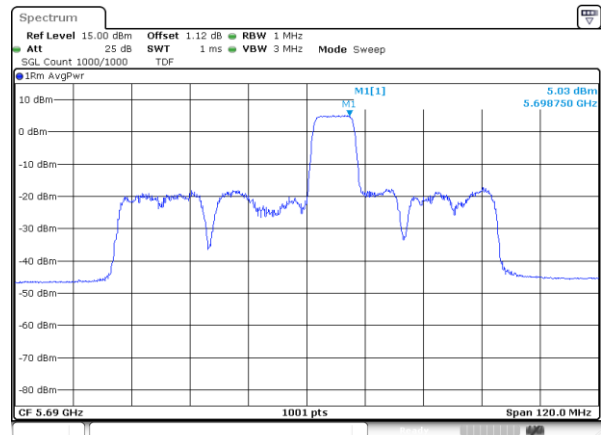
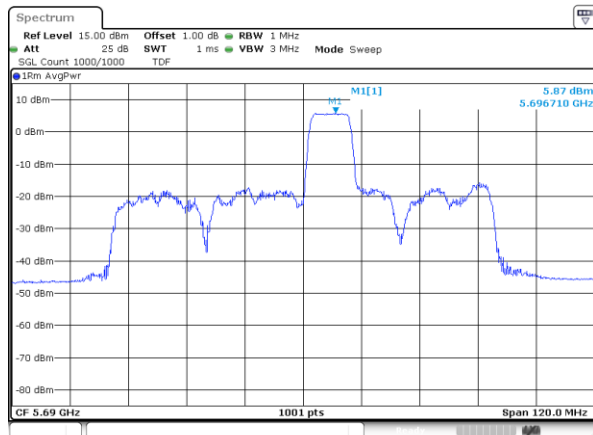


MIMO_HE80_UNII-2C Band Straddle

ANT 1

ANT 2

R802.11ax_HE80 / 106T / RU offset 57 / 5 690 MHz

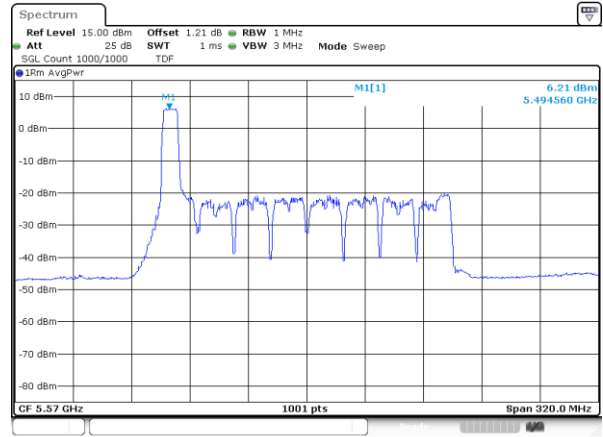
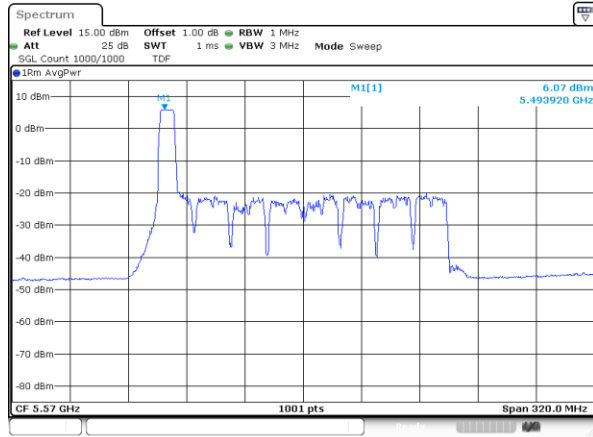


UNII 2C

ANT 1

ANT 2

802.11ax_HE160 / 106T / RU offset 53L / Mid ch.

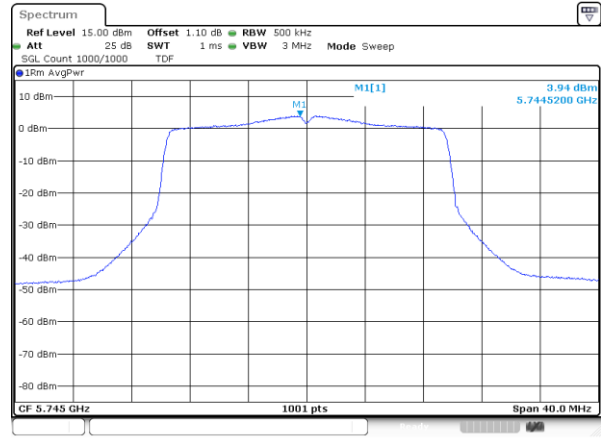
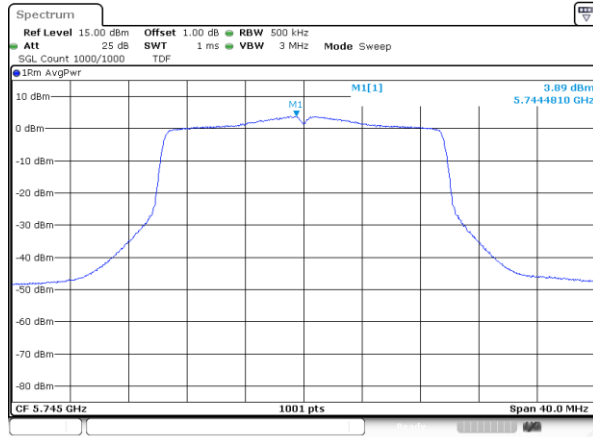


UNII 3

ANT 1

ANT 2

802.11ax_HE20 / SU / Low ch.

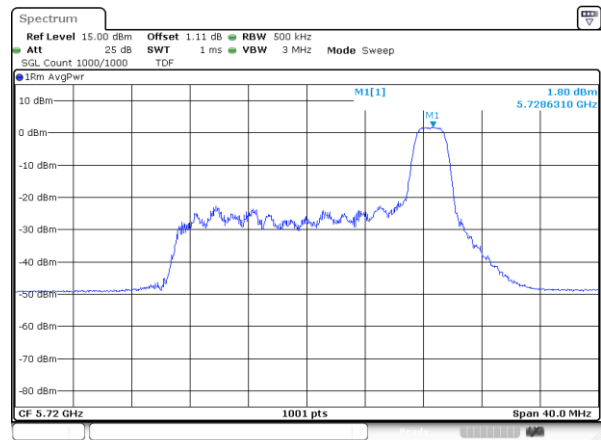
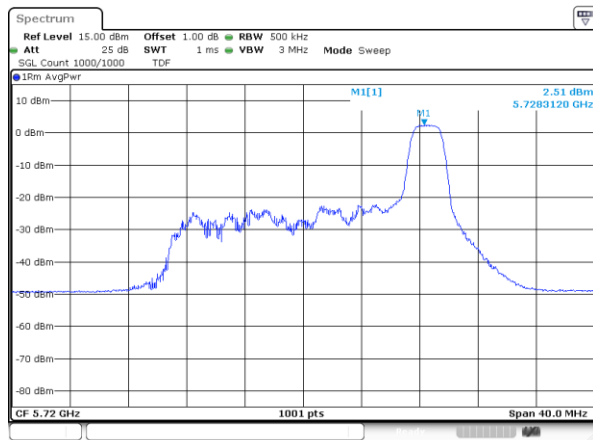


MIMO_HE20_UNII-3 Band_Straddle

ANT 1

ANT 2

802.11ax_HE20 / 26T / RU offset 8 / 5 720 MHz

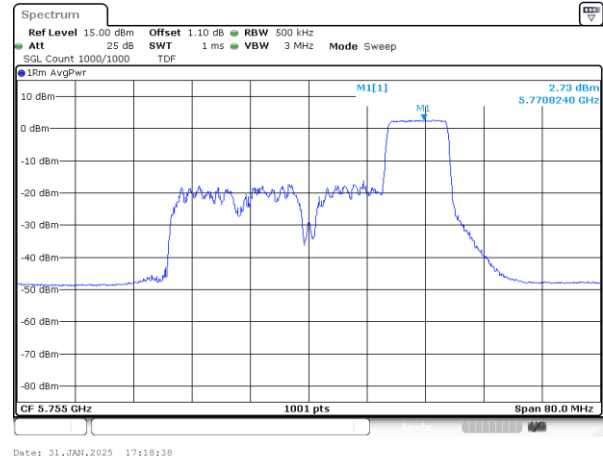
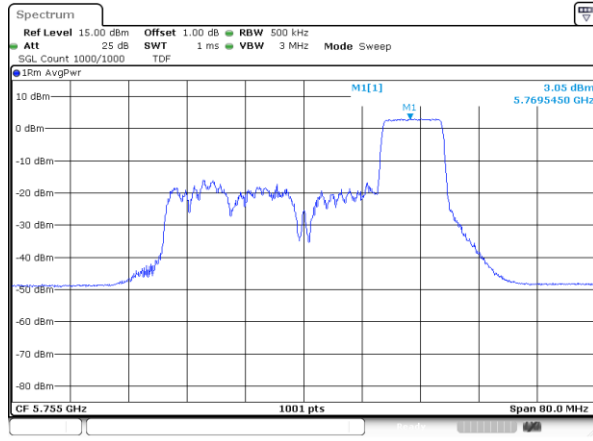


UNII 3

ANT 1

ANT 2

802.11ax_HE40 / 106T / RU offset 56 / Low ch.



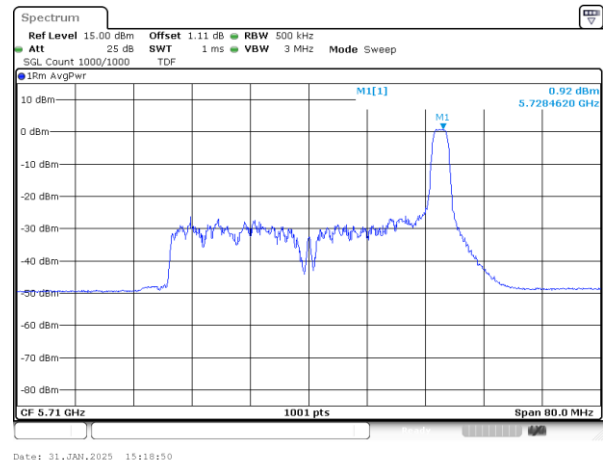
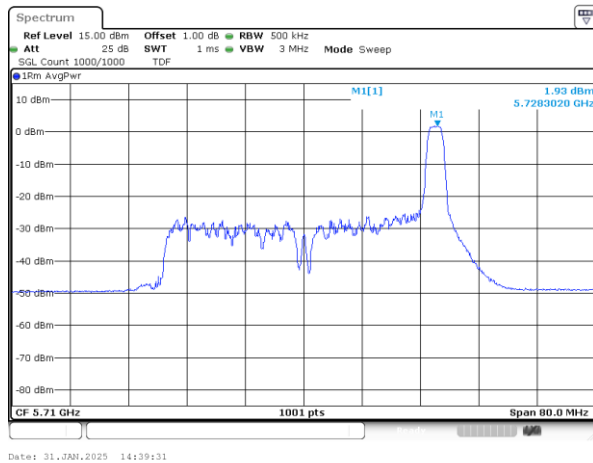
MIMO_HE40_UNII-3 Band Straddle

UNII 3

ANT 1

ANT 2

802.11ax_HE40 / 26T / RU offset 17 / 5 710 MHz

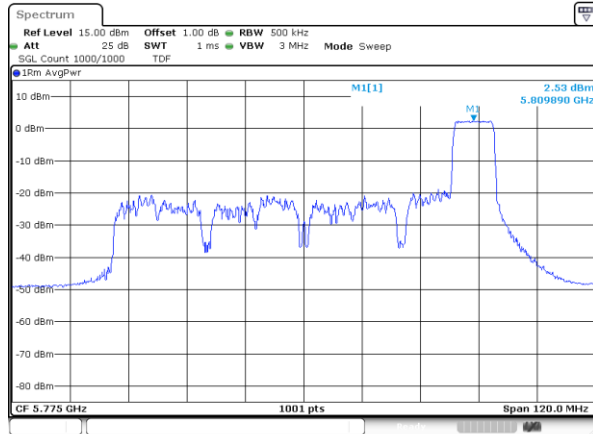


UNII 3

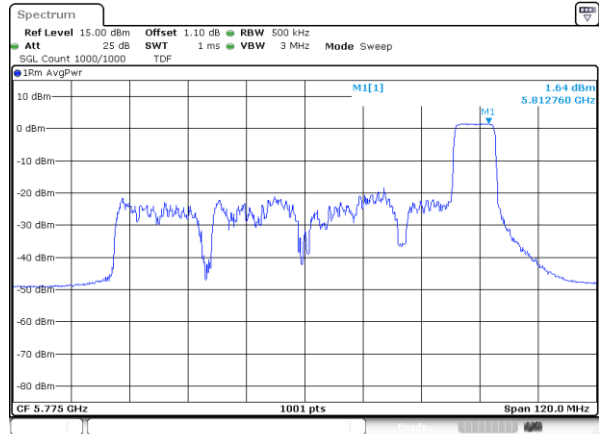
ANT 1

ANT 2

802.11ax_HE80 / 106T / RU offset 60 / Mid ch.



Date: 3.FEB.2025 09:30:21



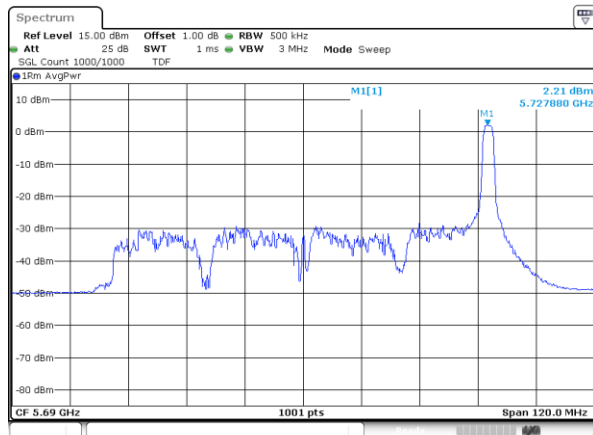
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MIMO_HE80_UNII-3 Band Straddle

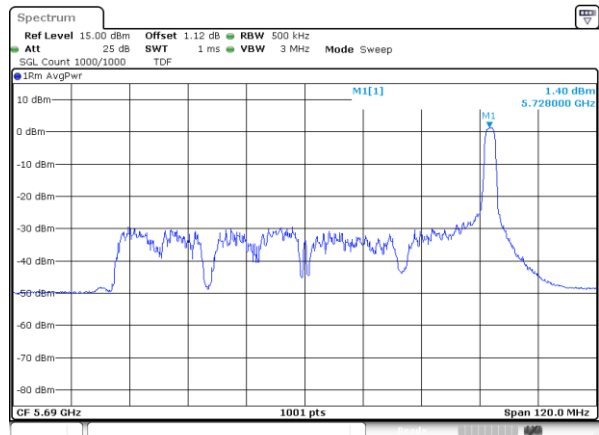
ANT 1

ANT 2

802.11ax_HE80 / 26T / RU offset 36 / 5 690 MHz

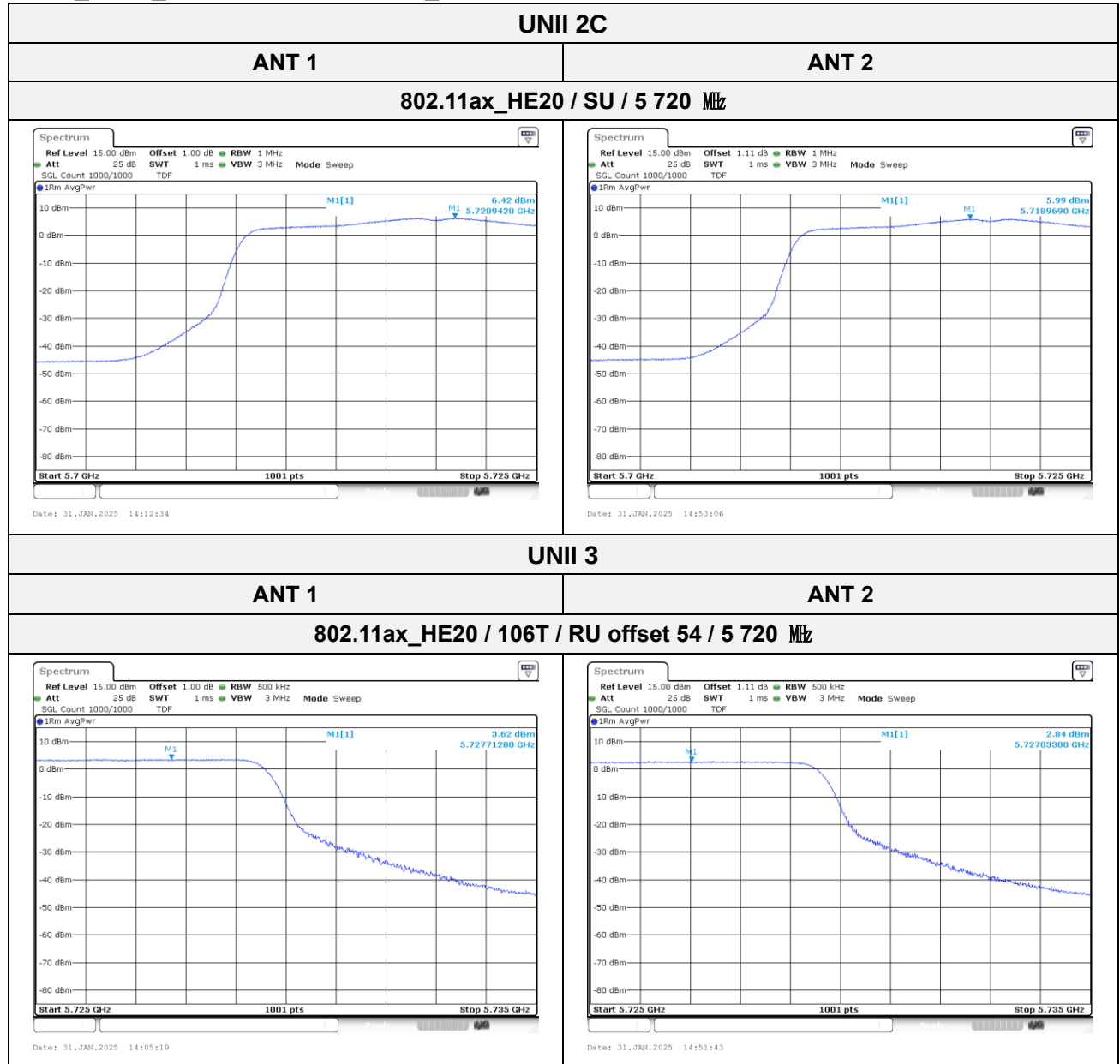


Date: 31.JAN.2025 14:41:37

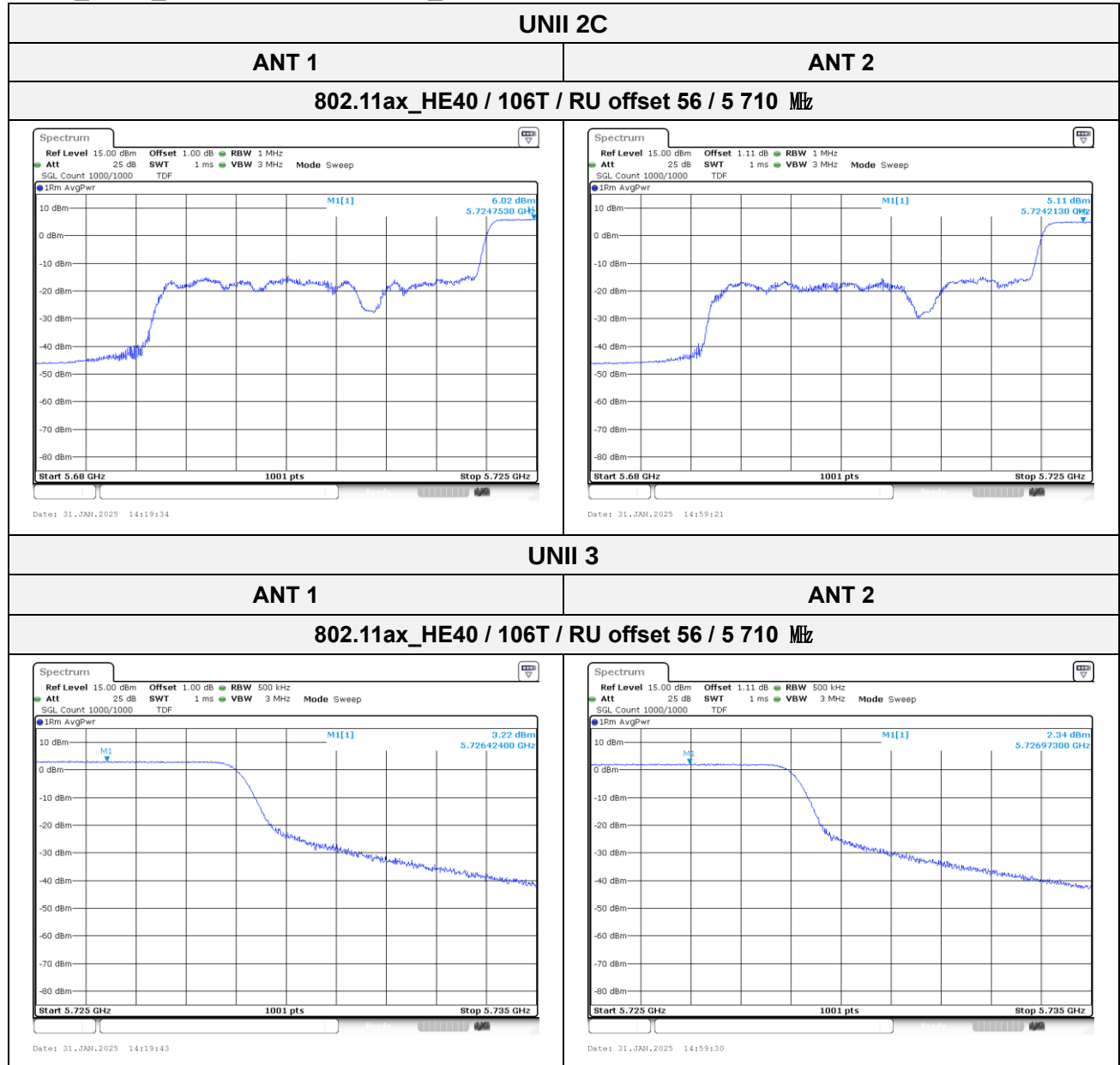


Date: 31.JAN.2025 15:20:57

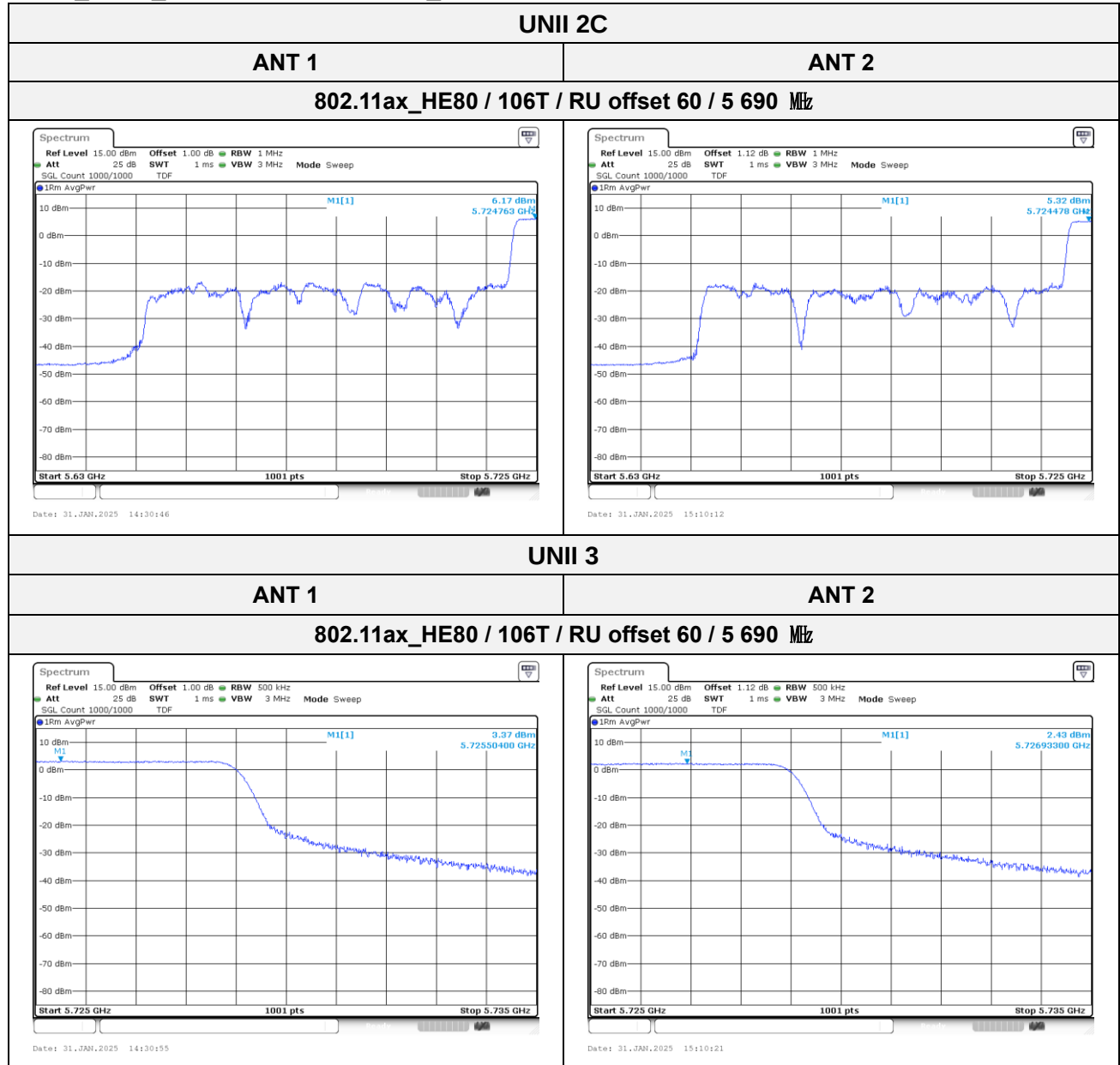
MIMO_HE20_UNII 2C + UNII 3 Band_Straddle



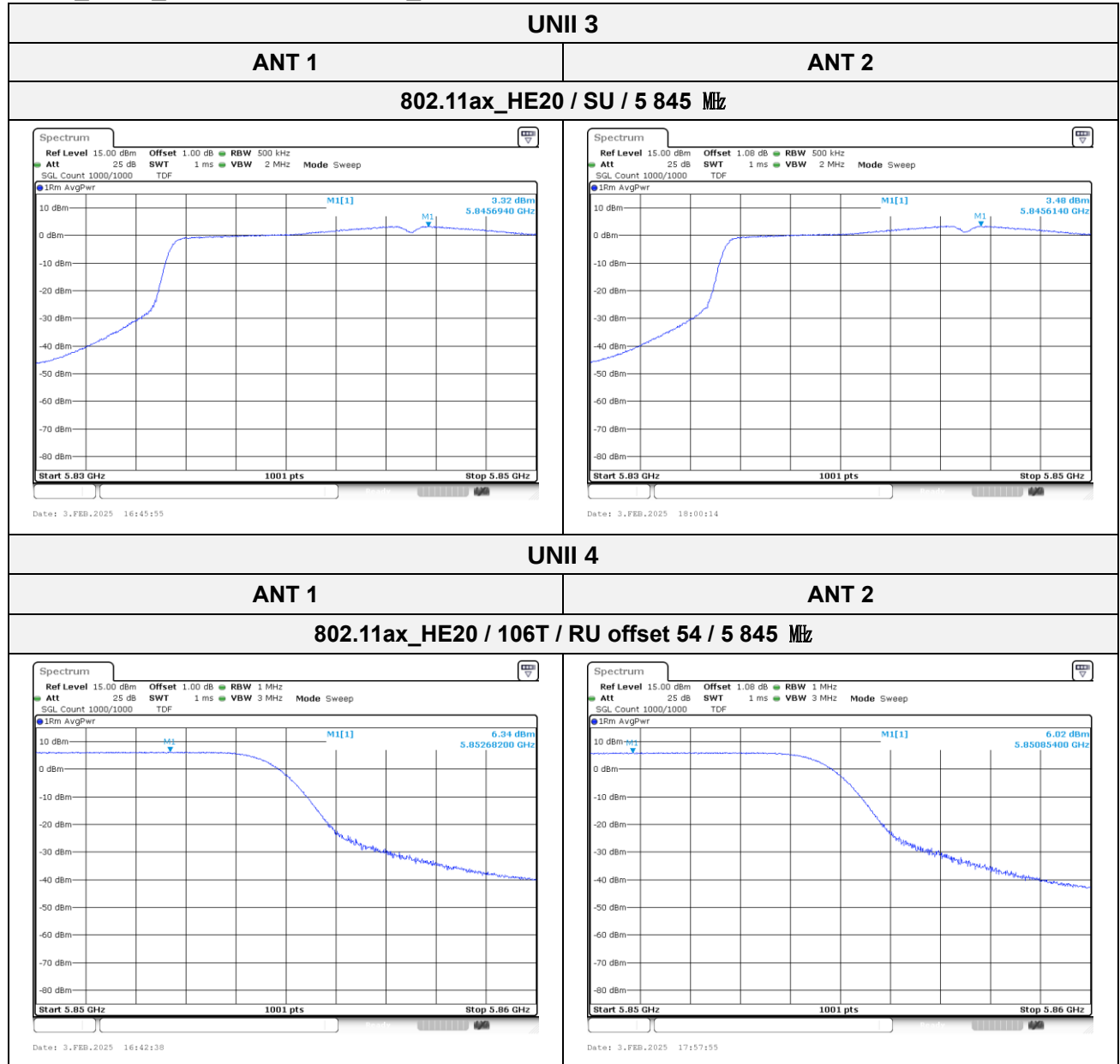
MIMO_HE40_UNII-2C + UNII-3 Band Straddle



MIMO_HE80_UNII-2C + UNII 3 Band Straddle



MIMO_HE20_UNII 3 + UNII 4 Band_Straddle

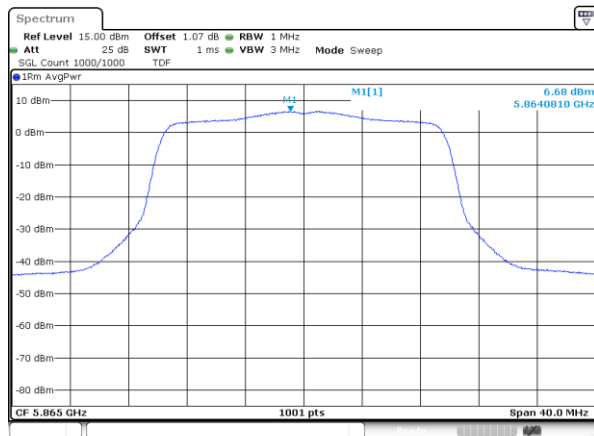
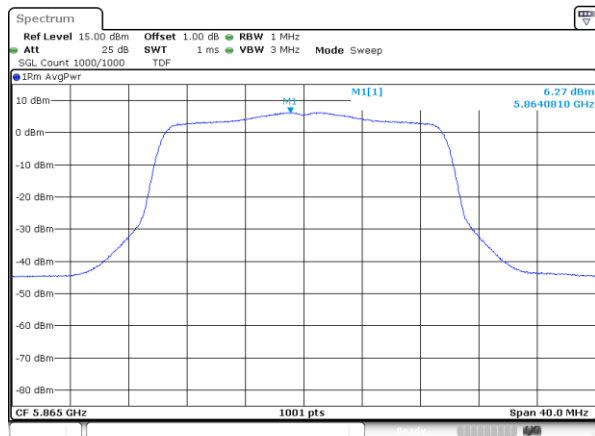


UNII 4

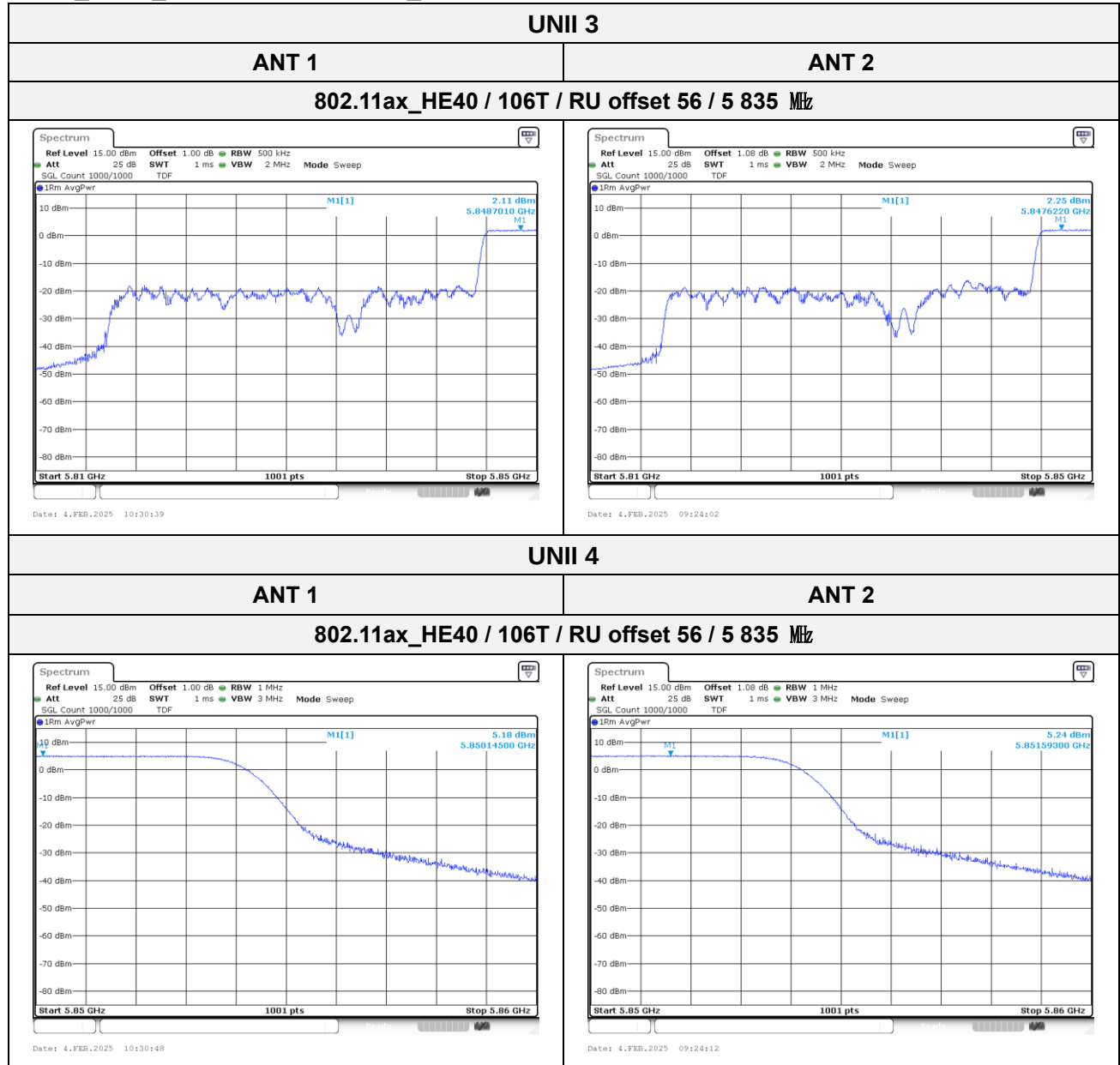
ANT 1

ANT 2

802.11ax_HE20 / SU / Mid ch.



MIMO_HE40_UNII 3 + UNII 4 Band Straddle

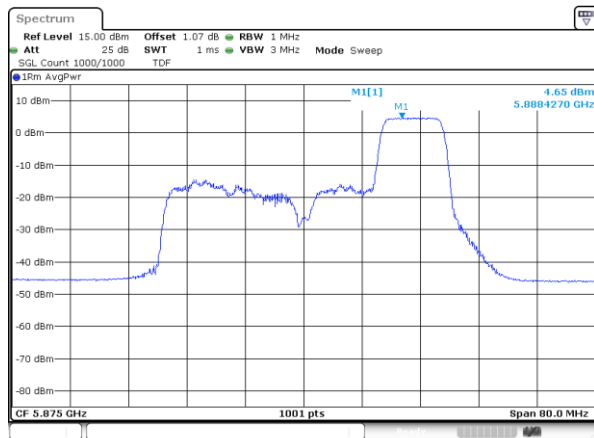
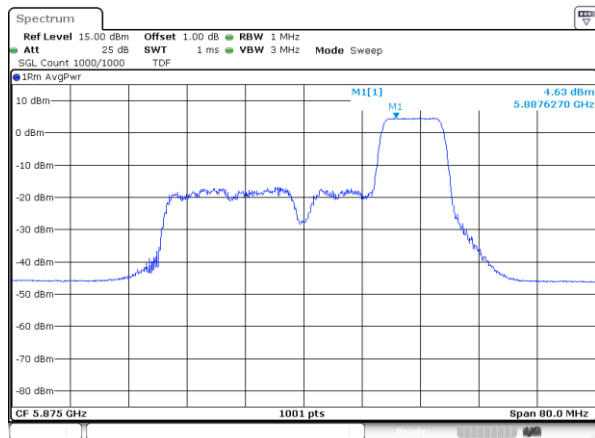


UNII 4

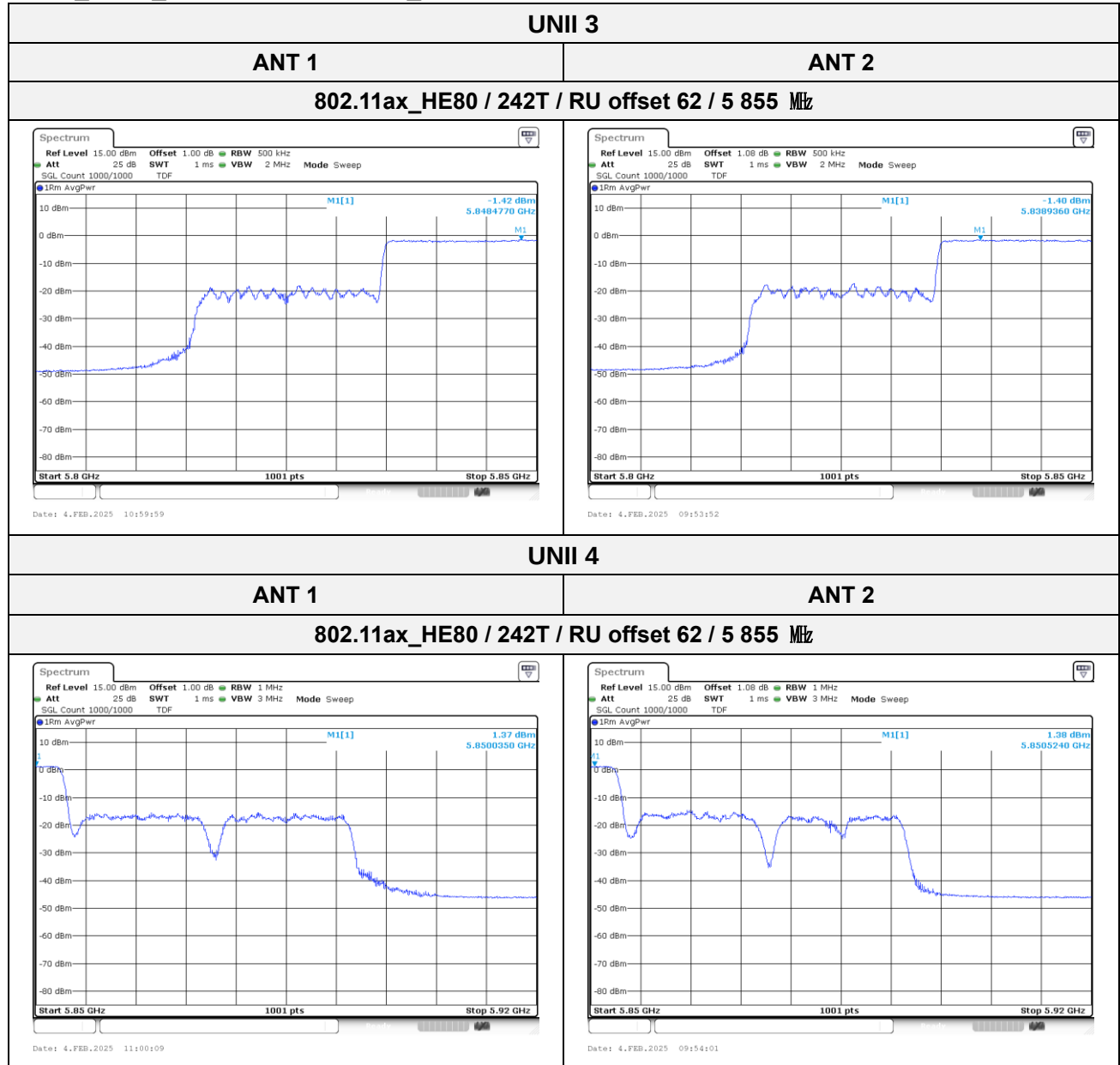
ANT 1

ANT 2

802.11ax_HE40 / 106T / RU offset 56 / High ch.



MIMO_HE80_UNII 3 + UNII 4 Band Straddle



UNII 4

ANT 1

ANT 2

802.11ax_HE80 / 106T / RU offset 60 / Mid ch.

