
Appendix A

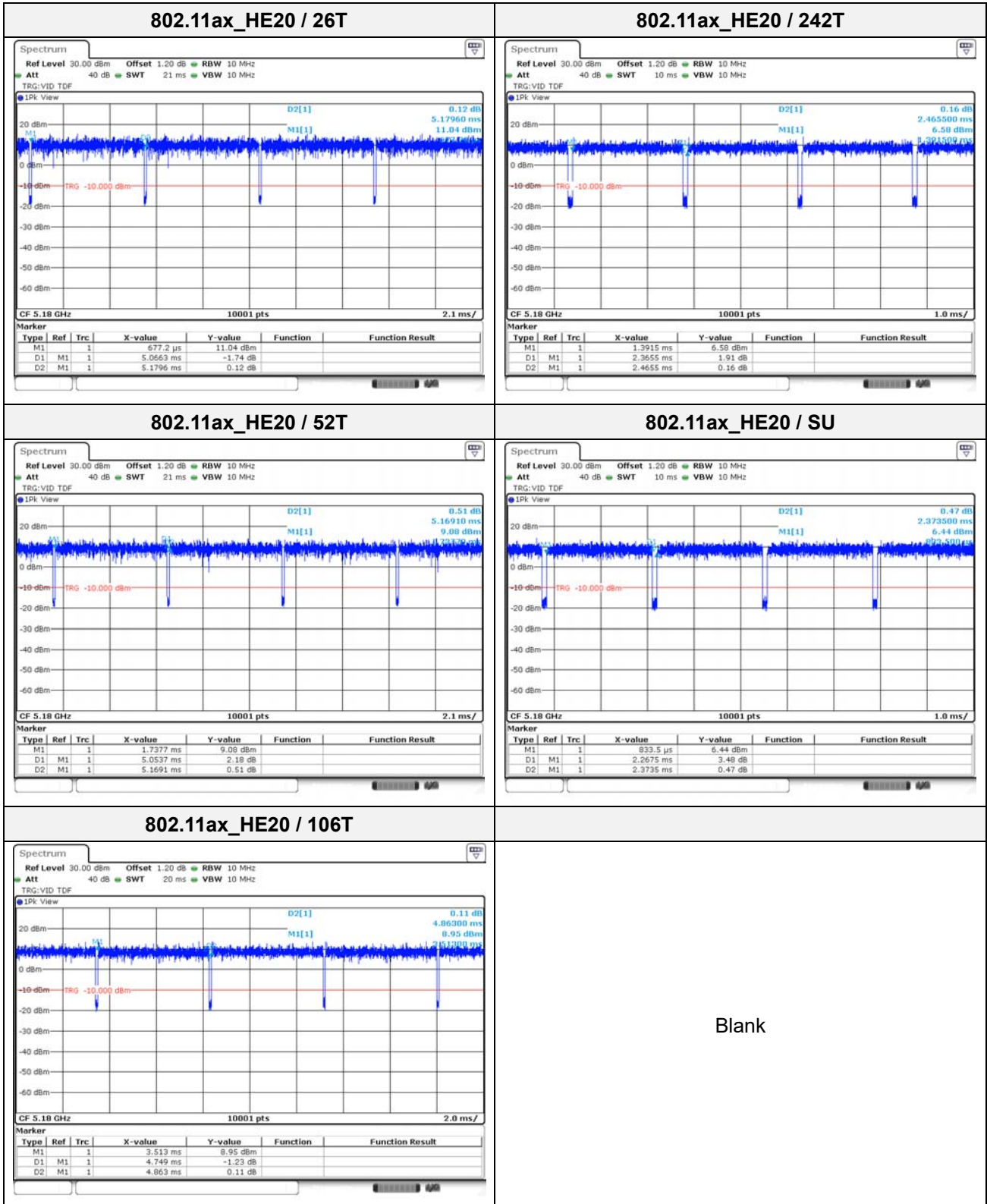
Test plots

UNII 802.11ax 5G WLAN

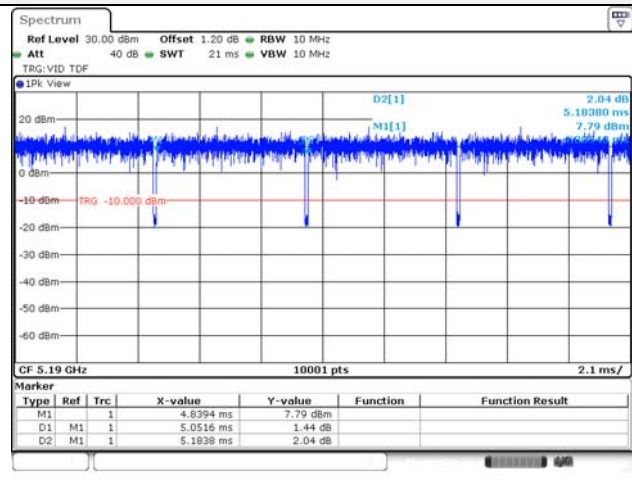
REPORT REVISION HISTORY

Date	Revision	Page No
2023-05-26	Originally issued	-

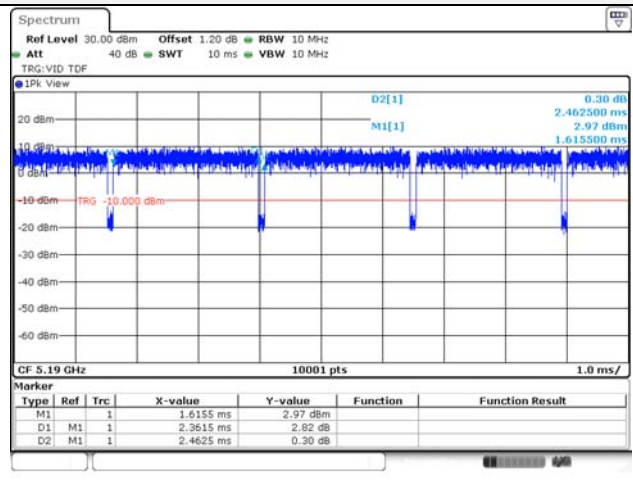
Duty cycle



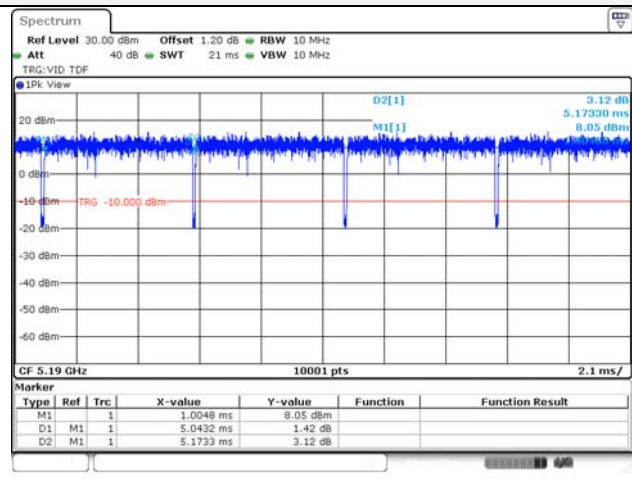
802.11ax_HE40 / 26T



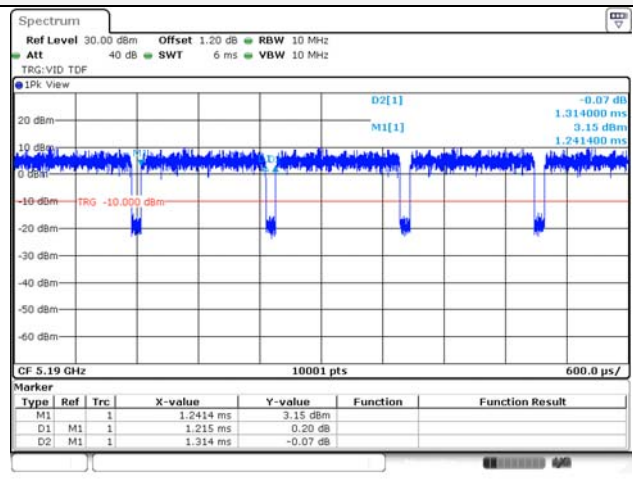
802.11ax_HE40 / 242T



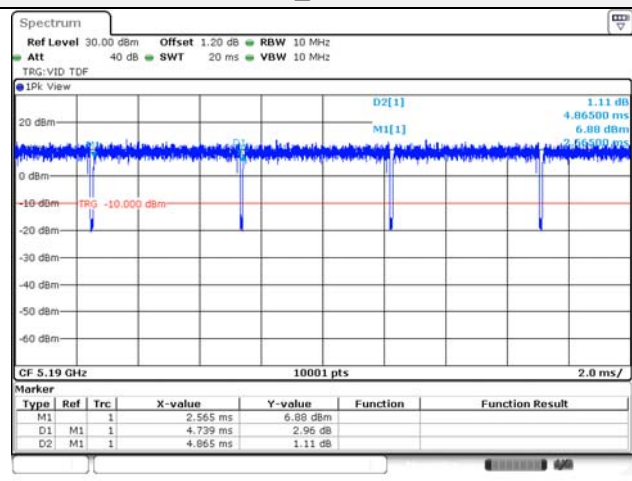
802.11ax_HE40 / 52T



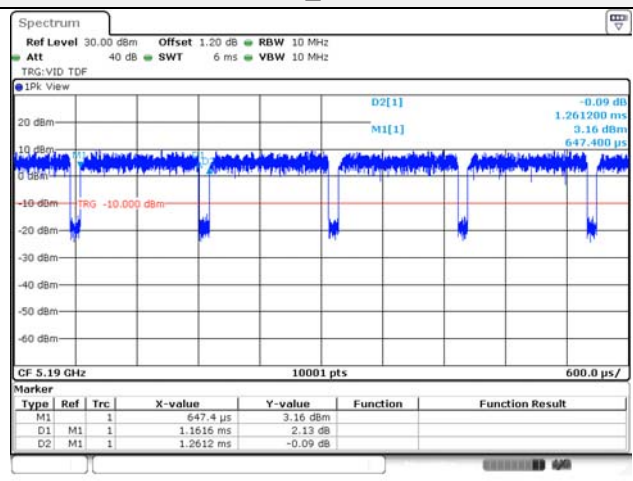
802.11ax_HE40 / 484T



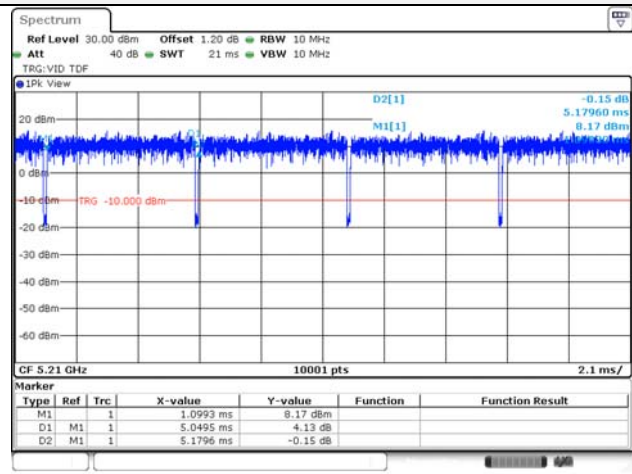
802.11ax_HE40 / 106T



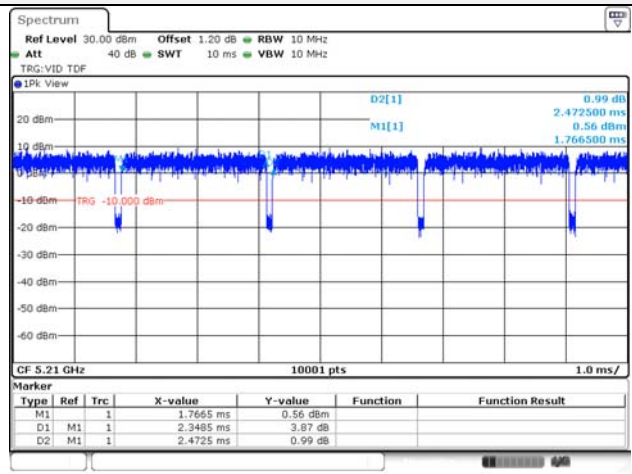
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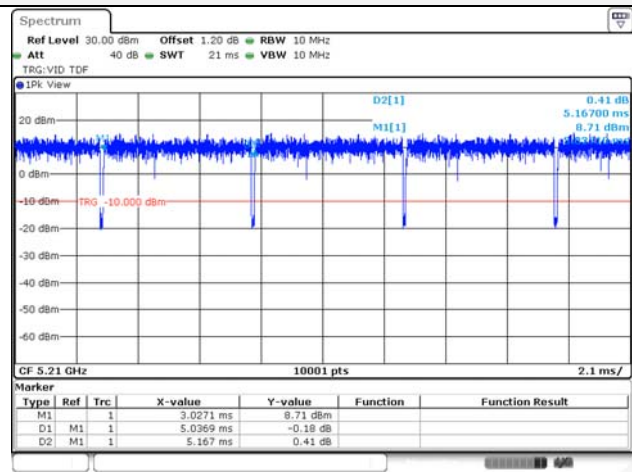
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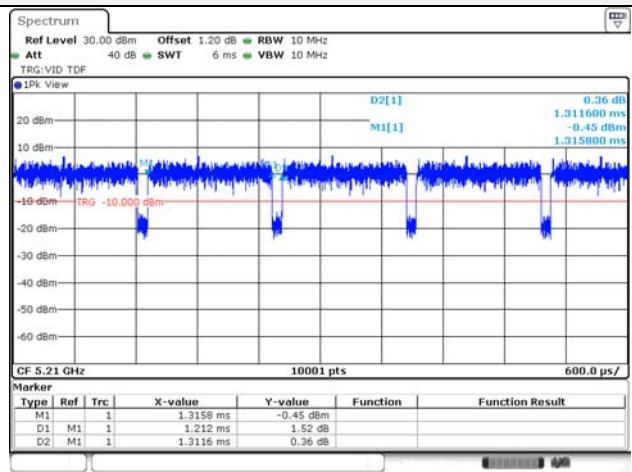
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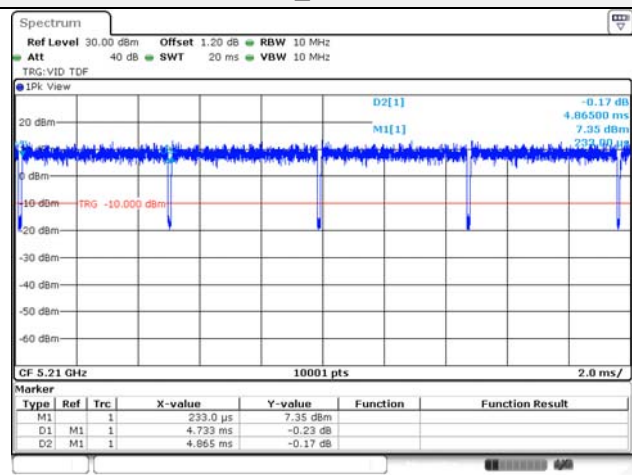
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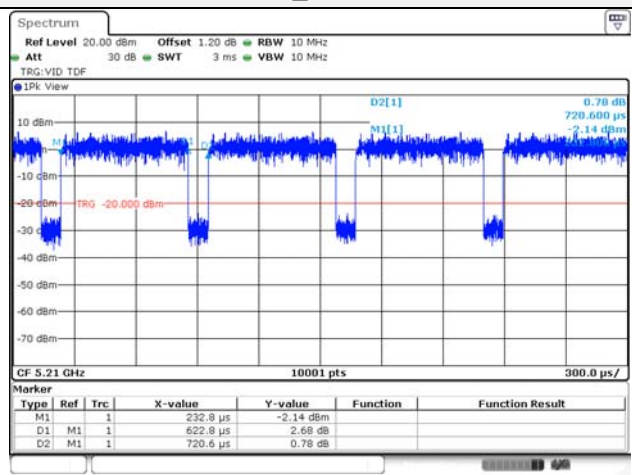
802.11ax_HE80 / 484T



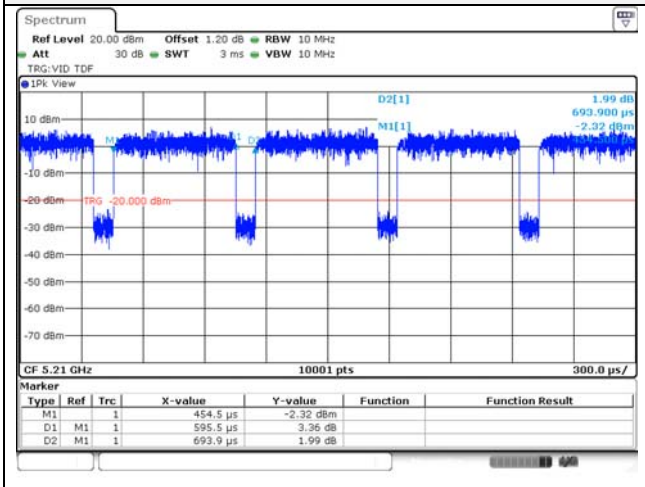
802.11ax_HE80 / 106T



802.11ax_HE80 / 996T

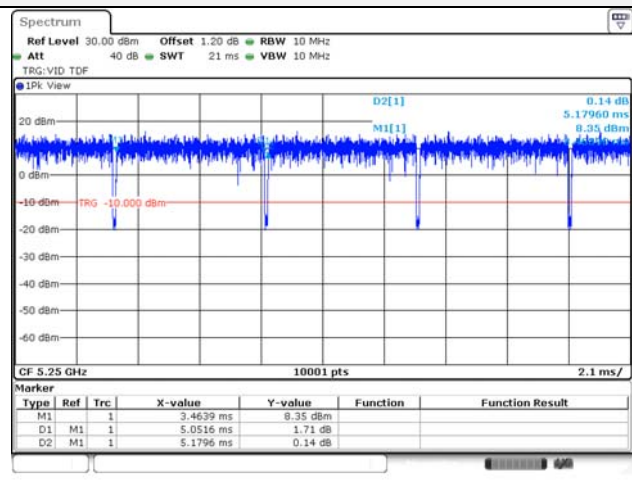


802.11ax_HE80 / SU

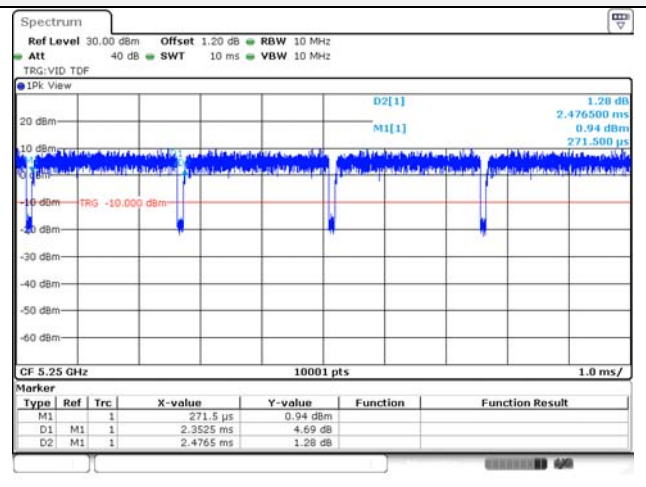


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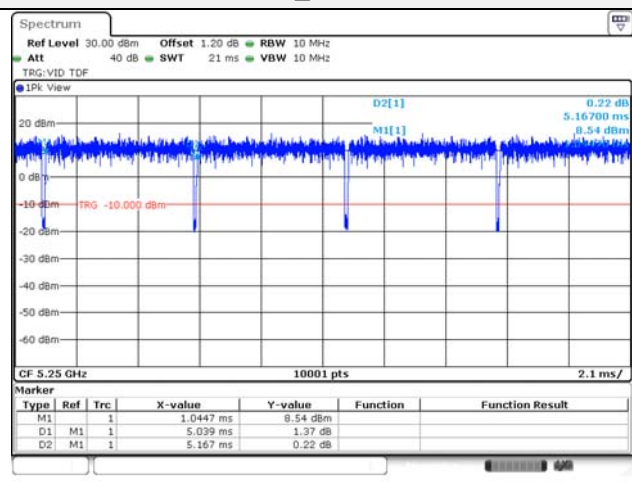
802.11ax_HE160 / 26T



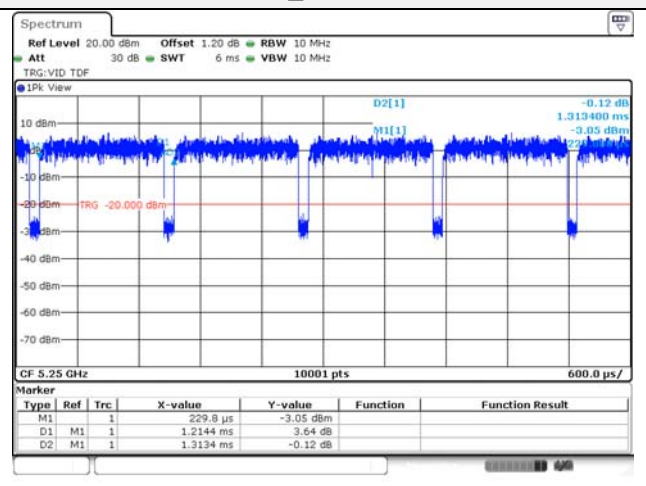
802.11ax_HE160 / 242T



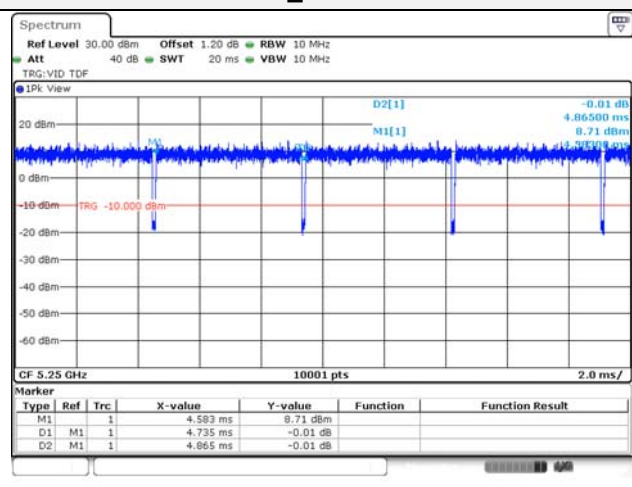
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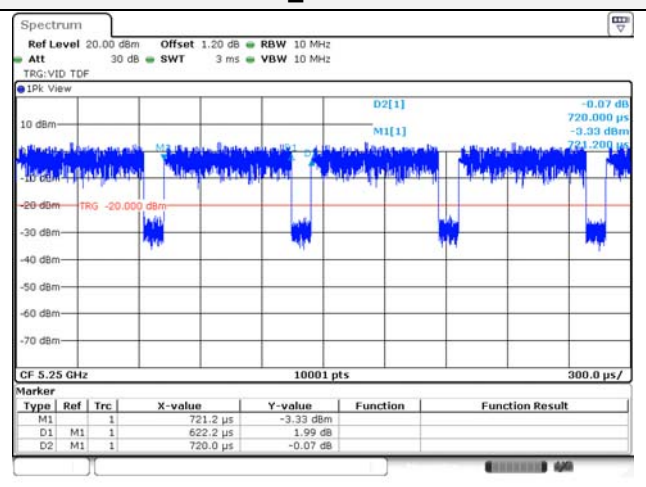
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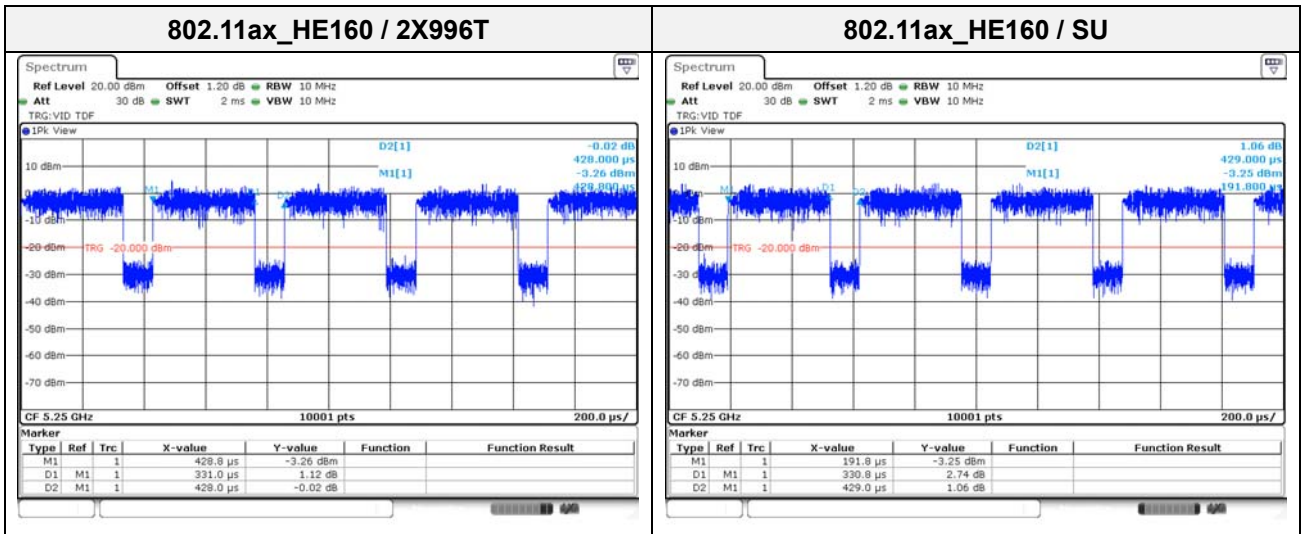


802.11ax_HE160 / 106T



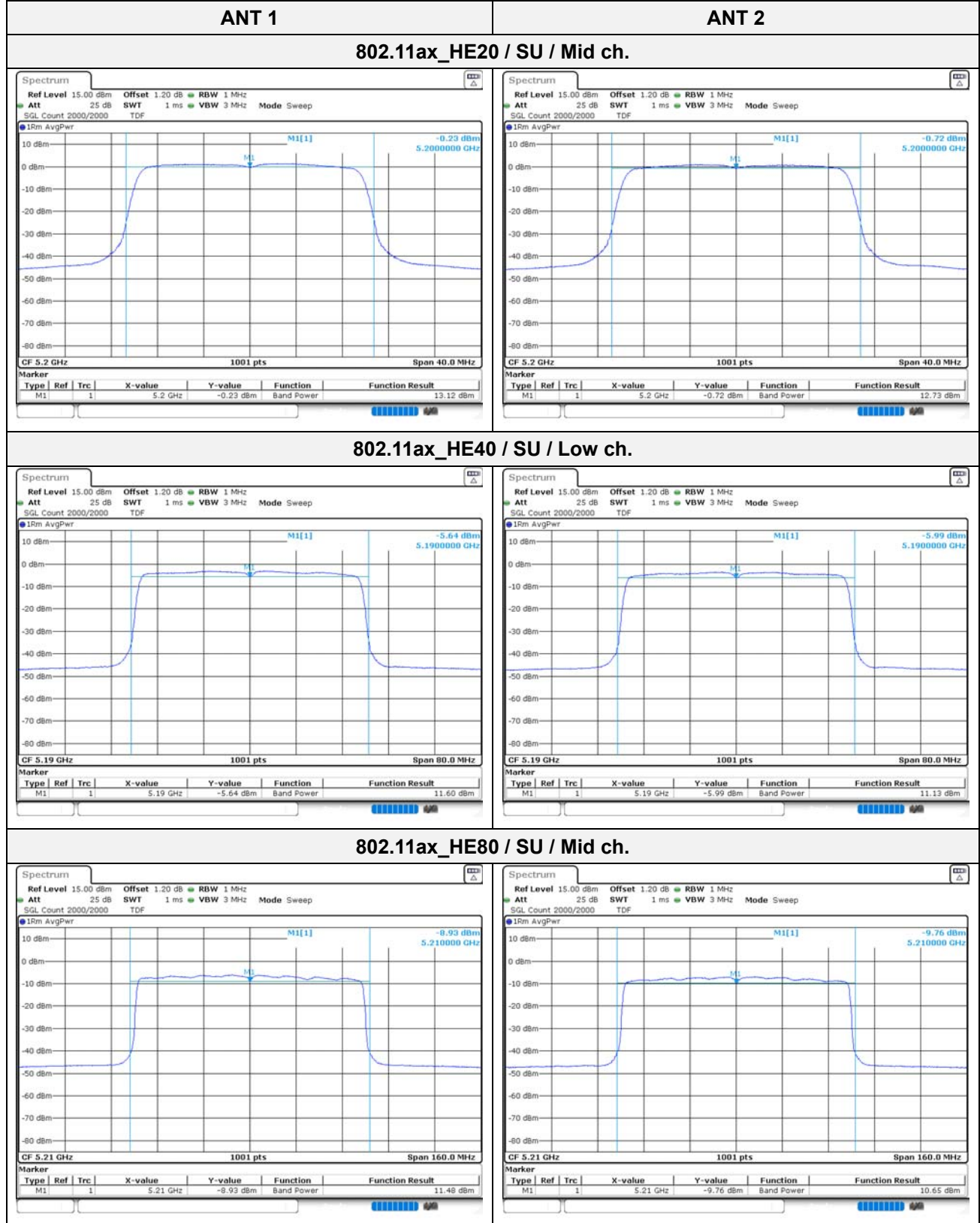
802.11ax_HE160 / 996T

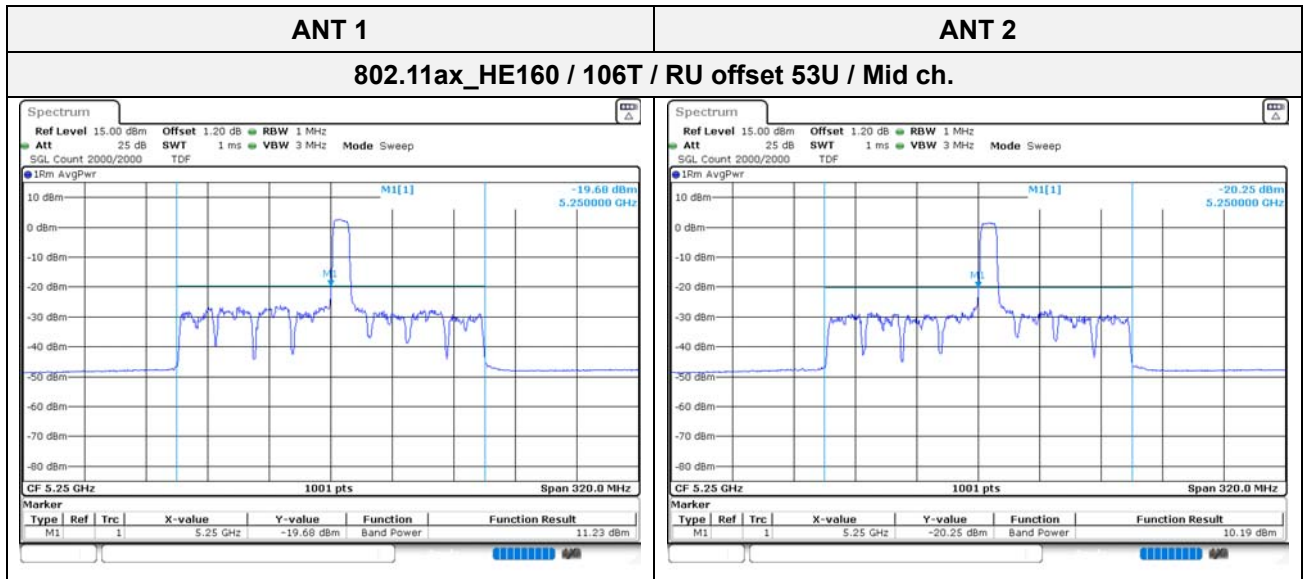




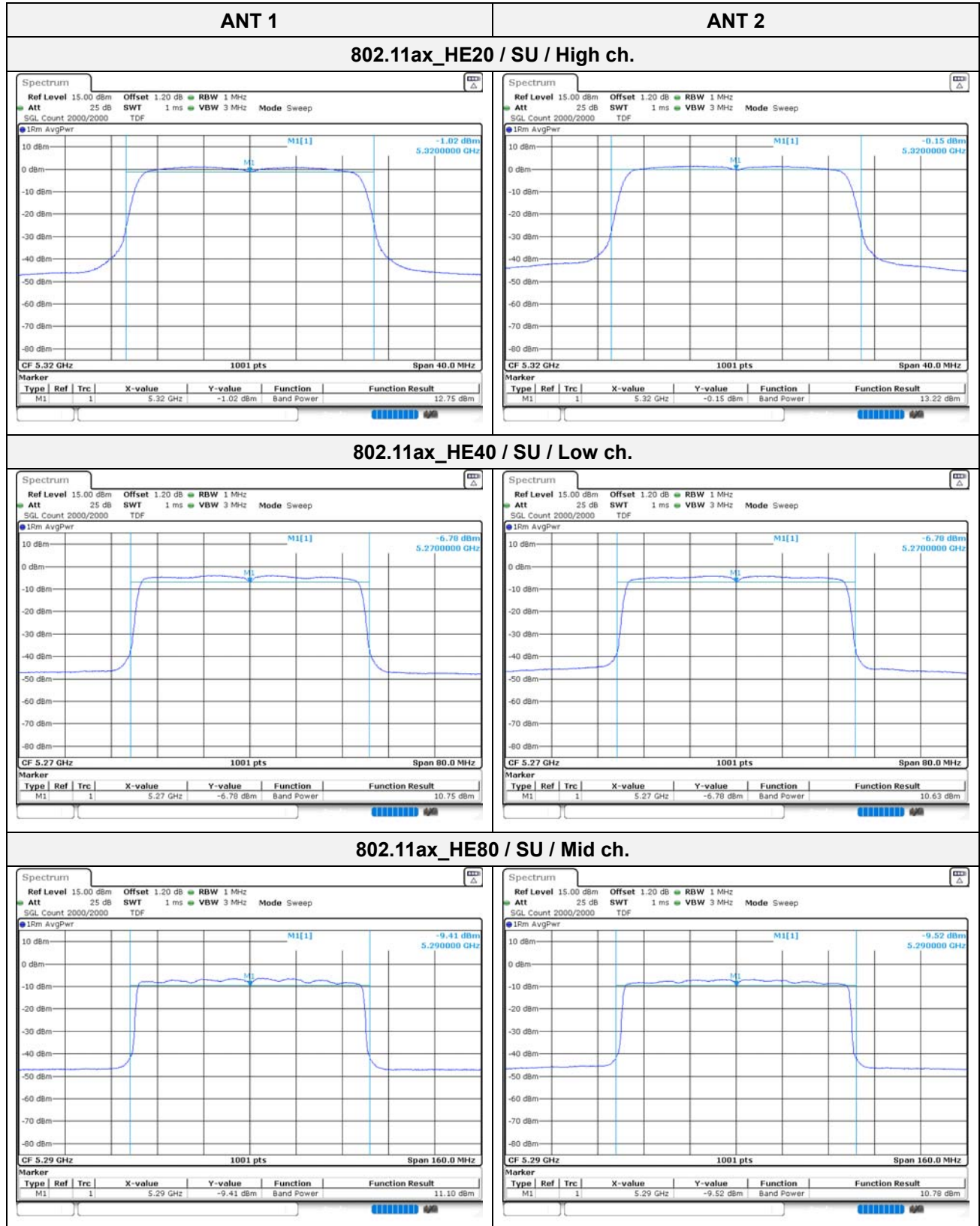
Maximum conducted output power

In order to simplify the report, attached plots were the worst case per bandwidth
UNII-1 Band

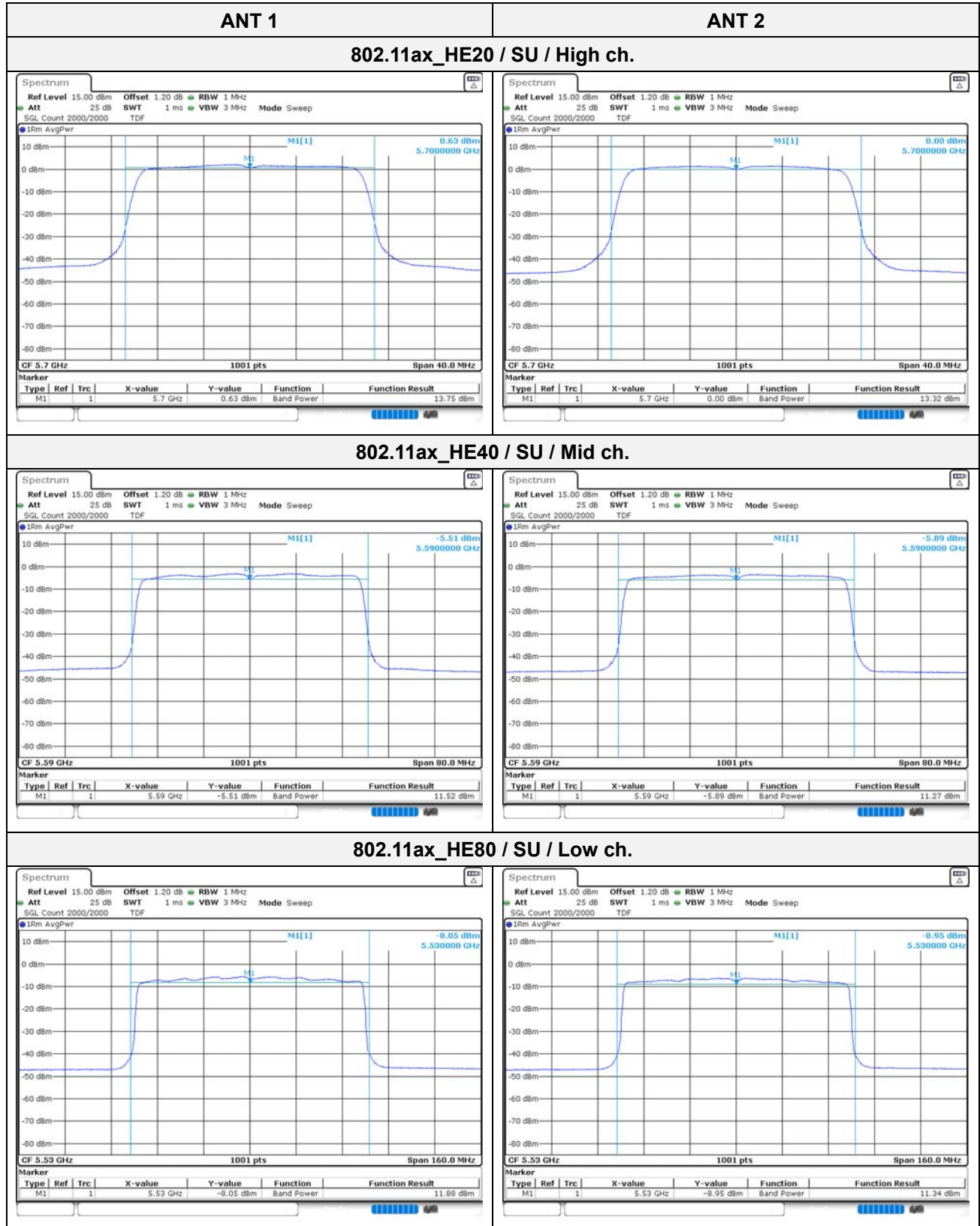


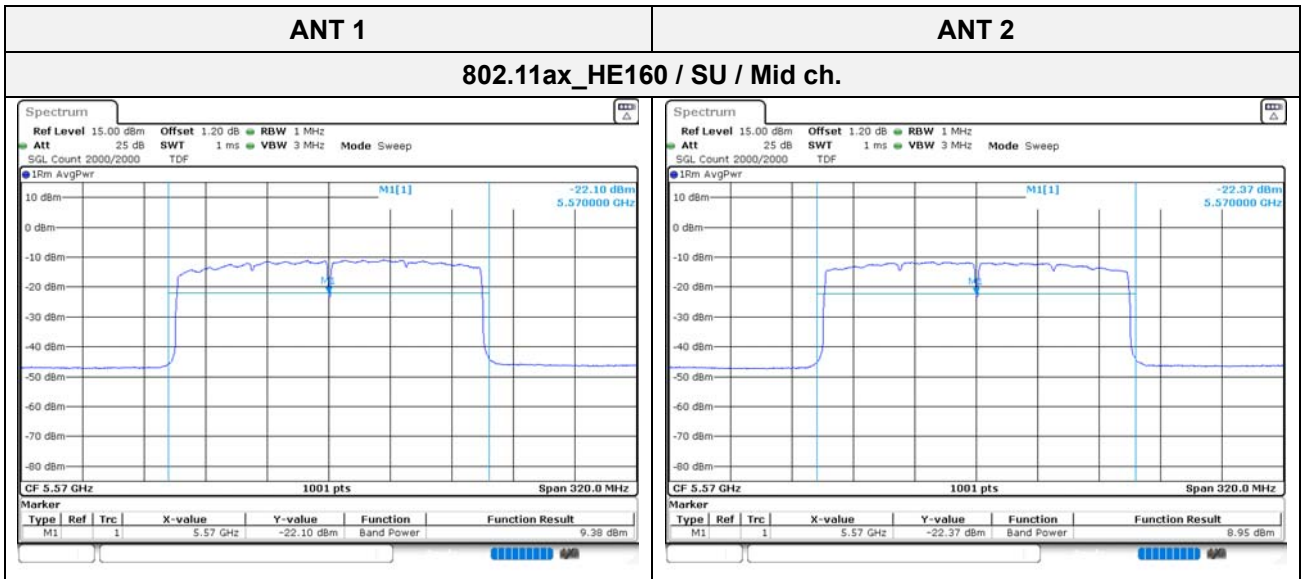


UNII-2A Band

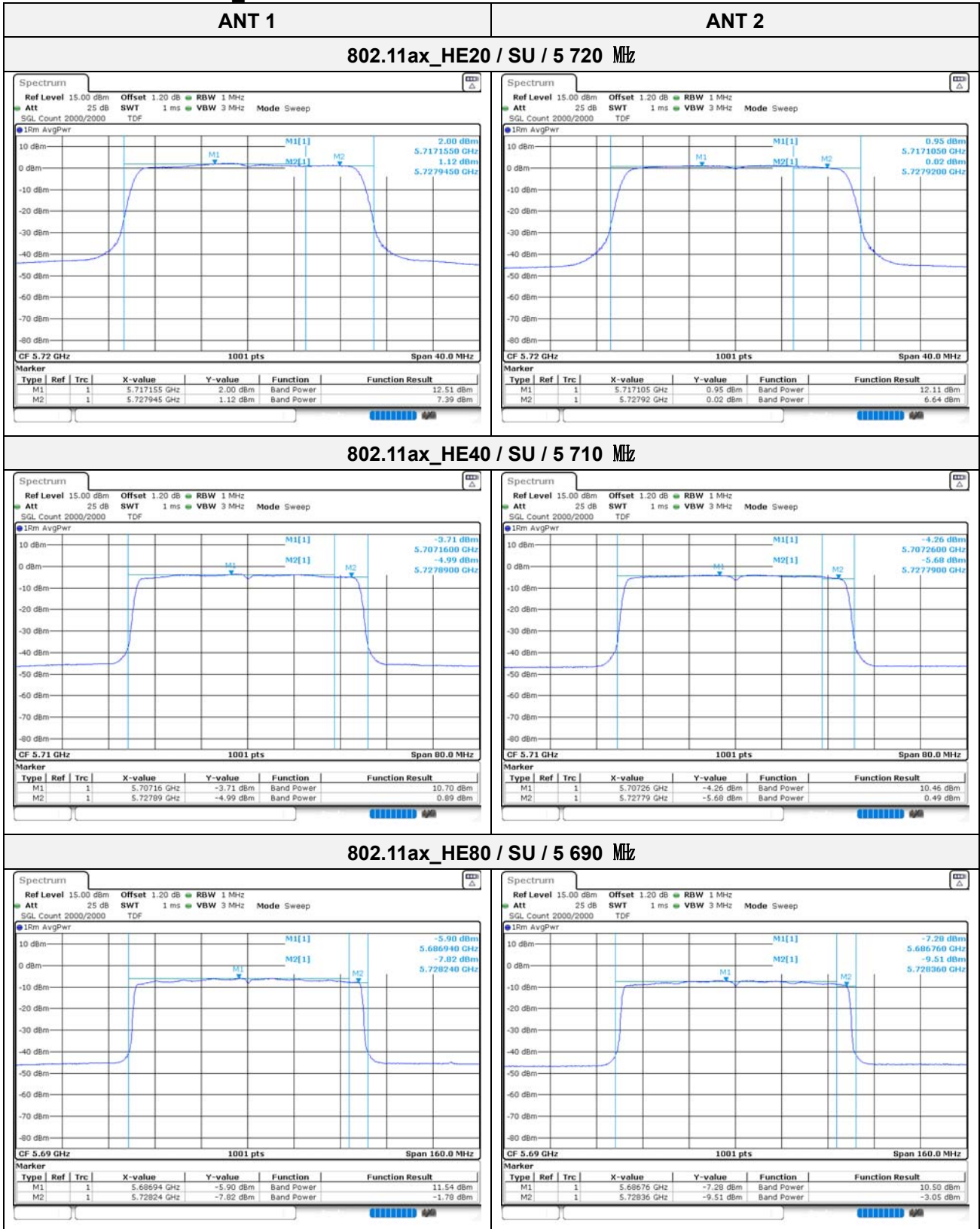


UNII-2C Band

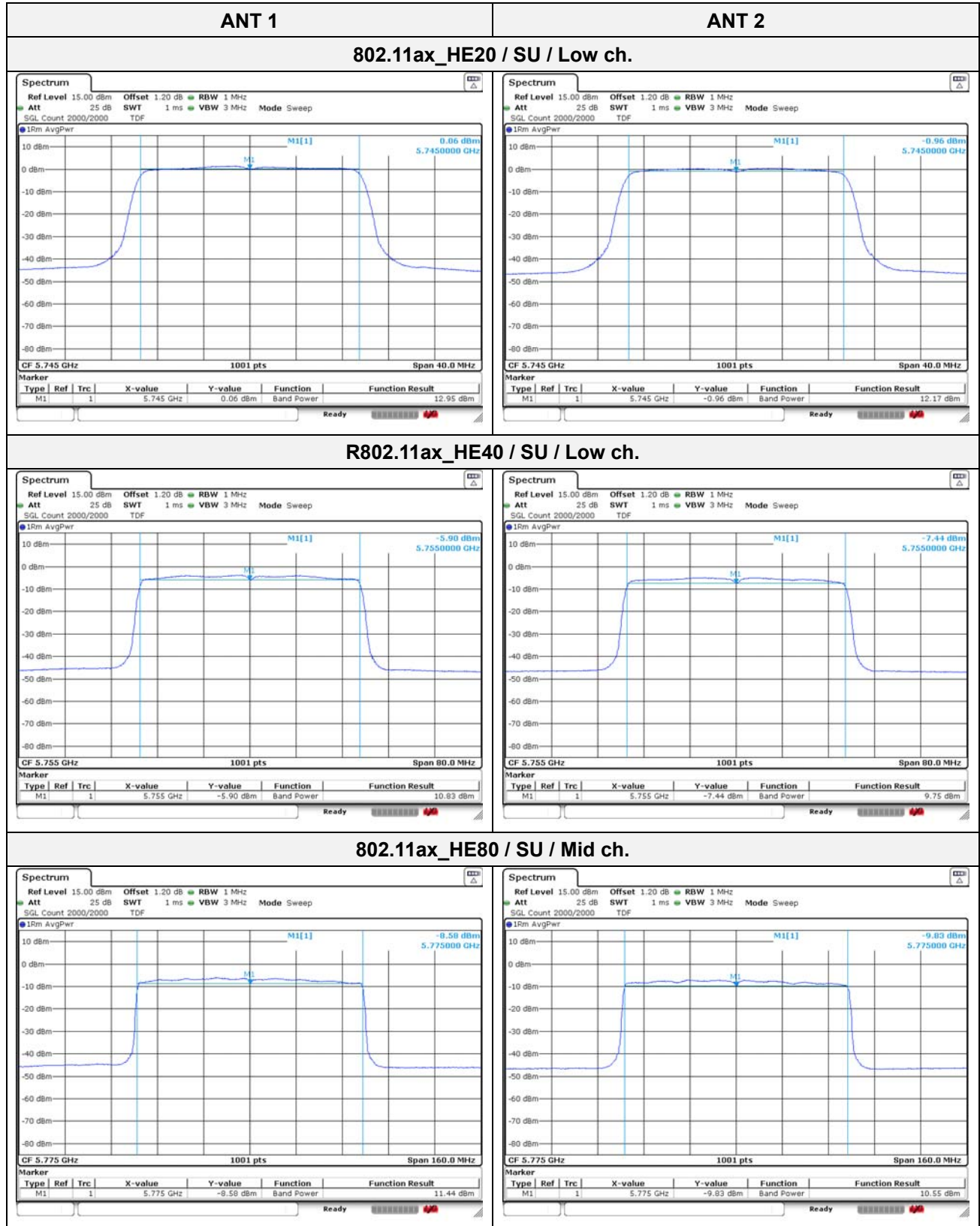




UNII-2C + UNII-3 Band Straddle

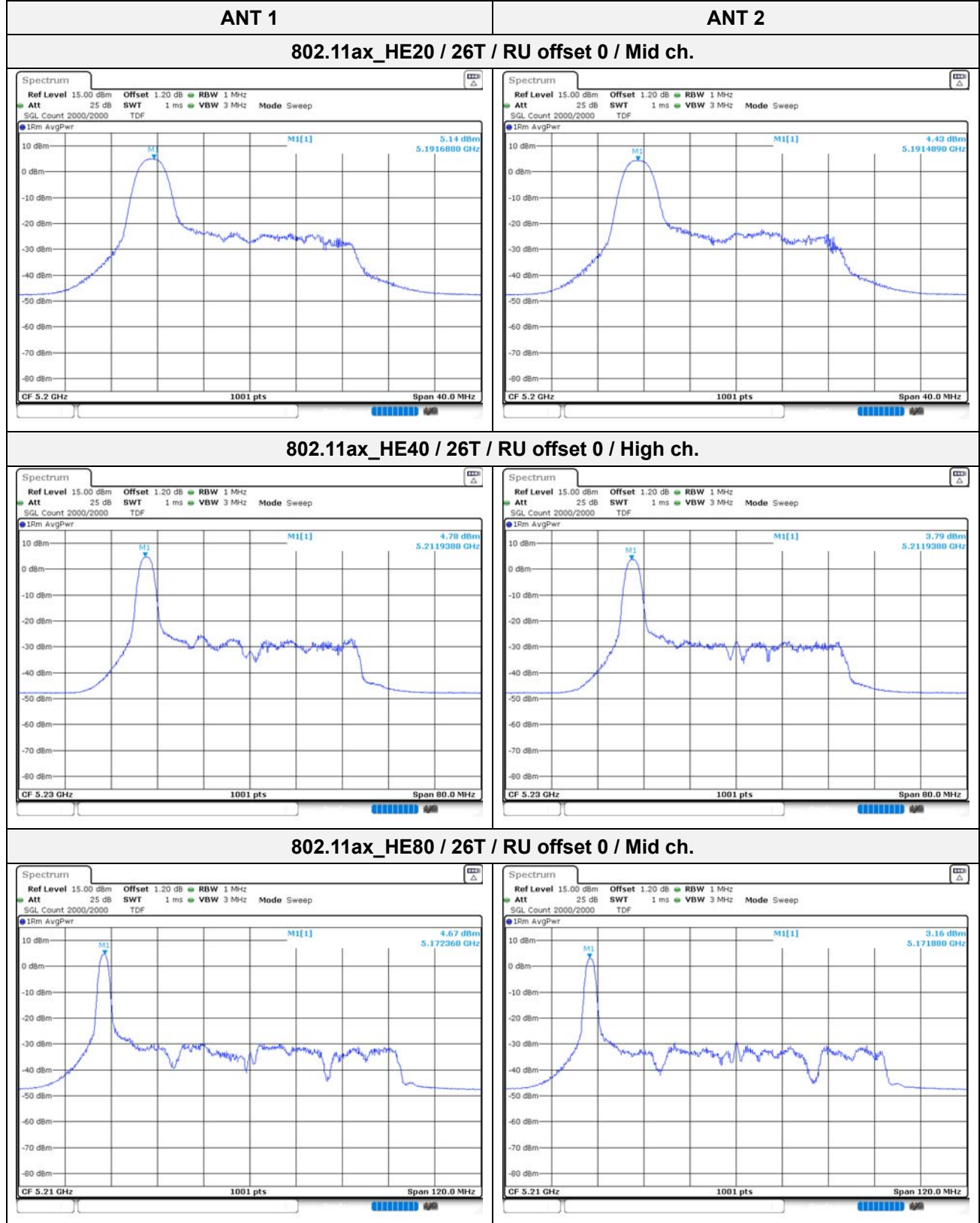


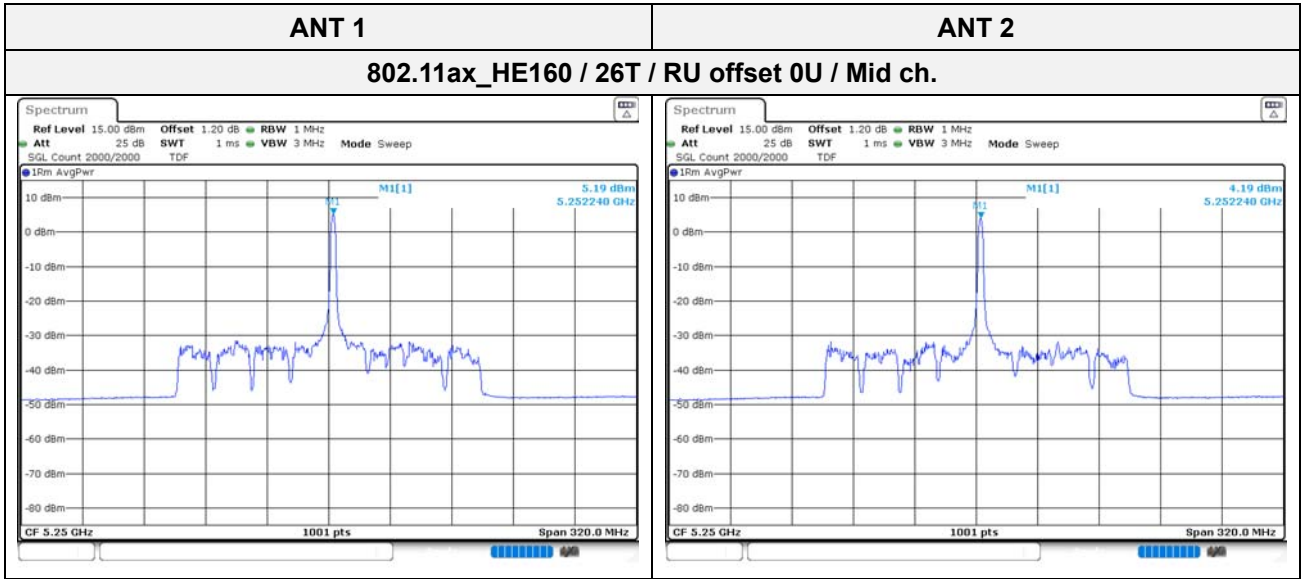
UNII-3 Band



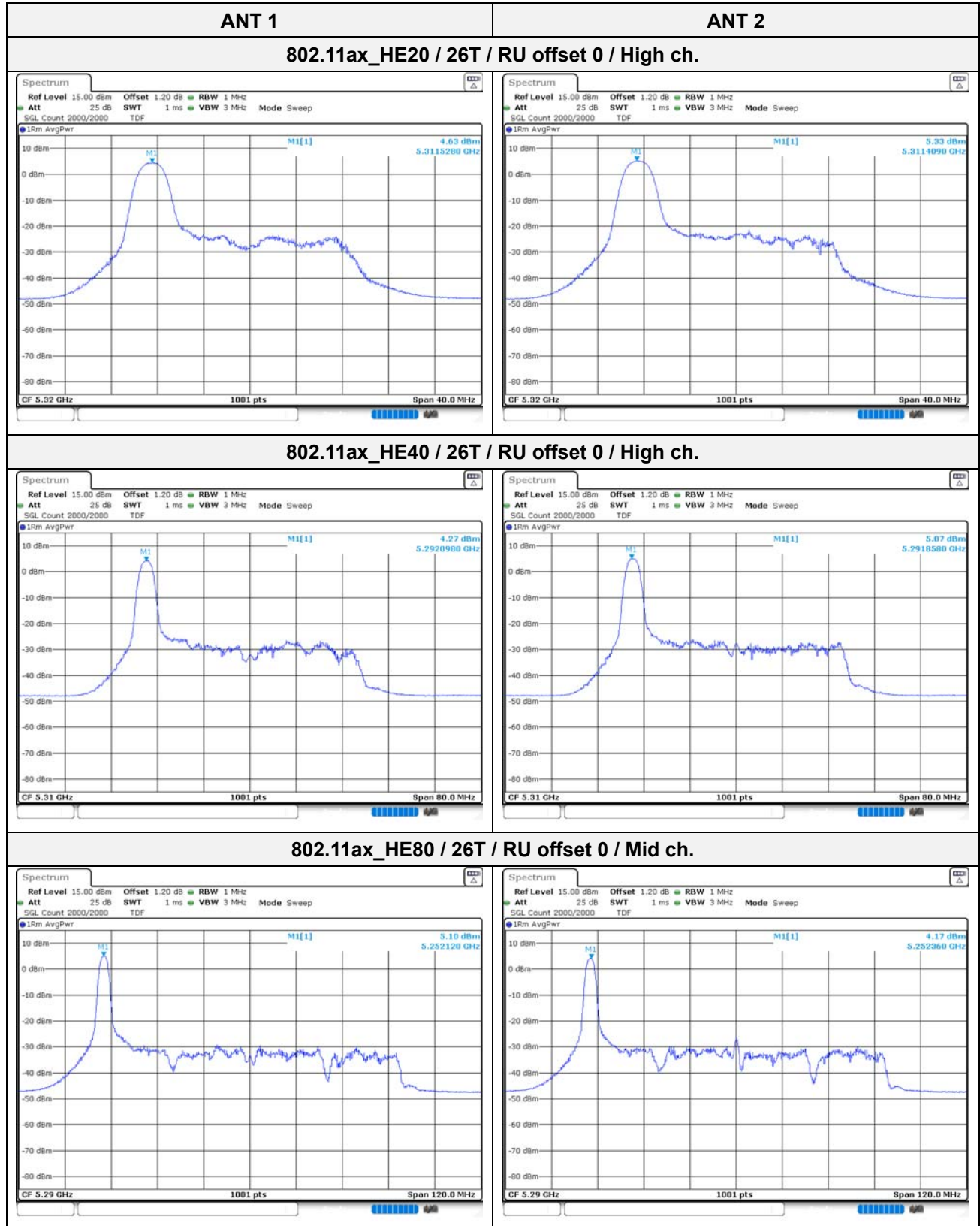
Maximum power spectral density

In order to simplify the report, attached plots were the worst case per bandwidth UNII-1 Band

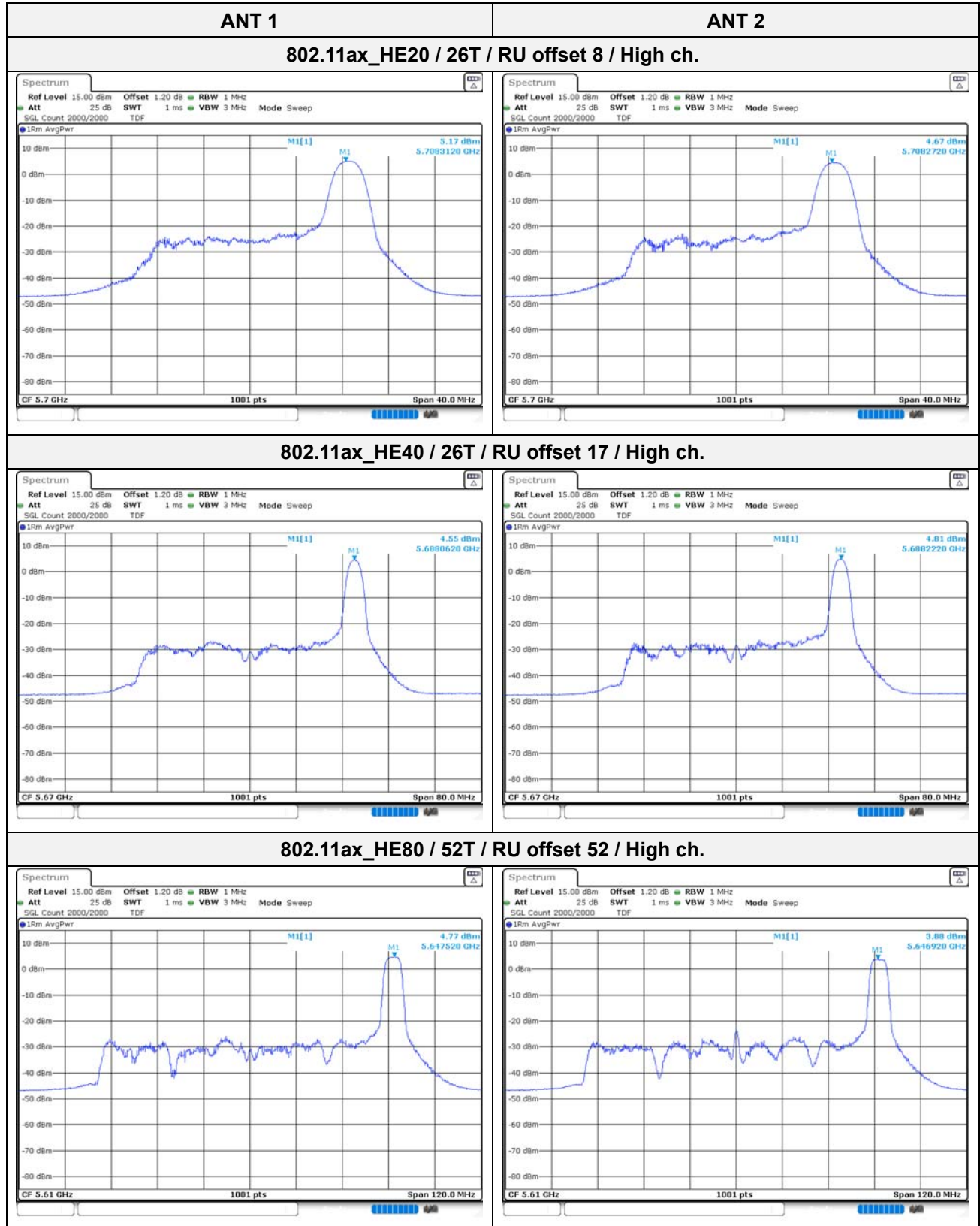


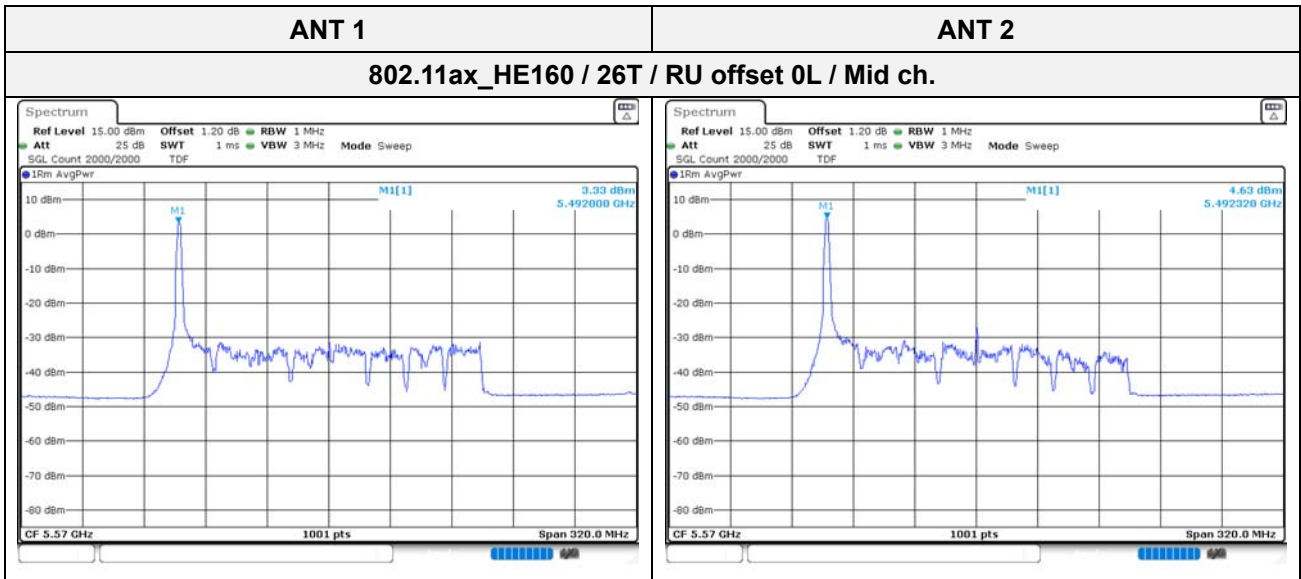


UNII-2A Band

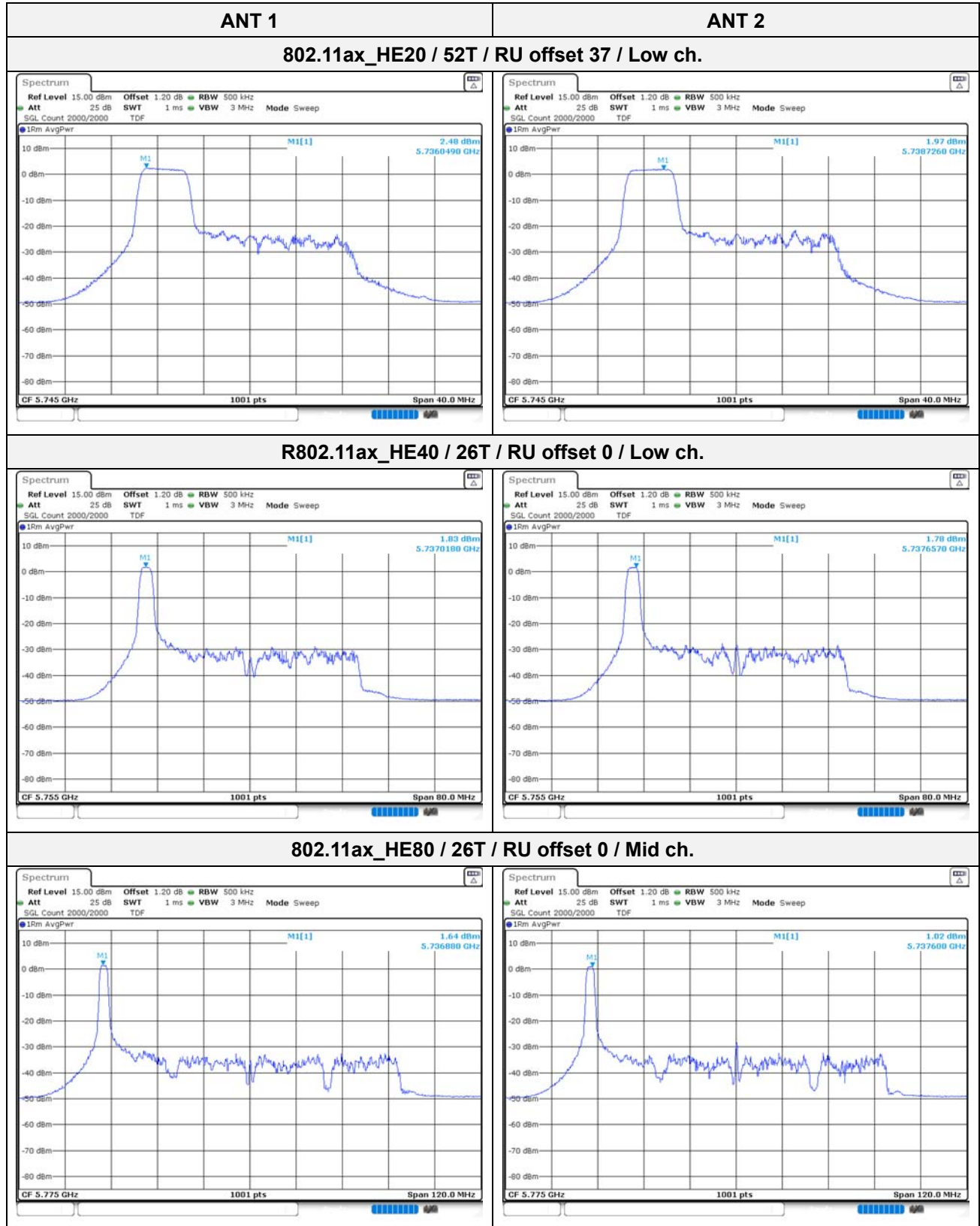


UNII-2C Band

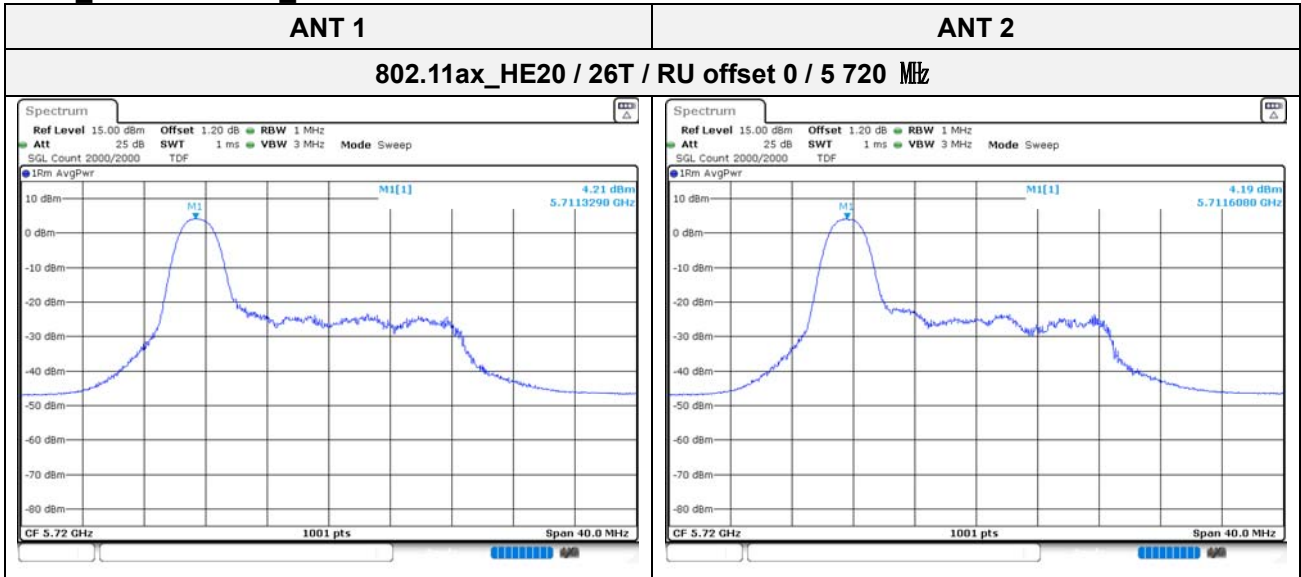




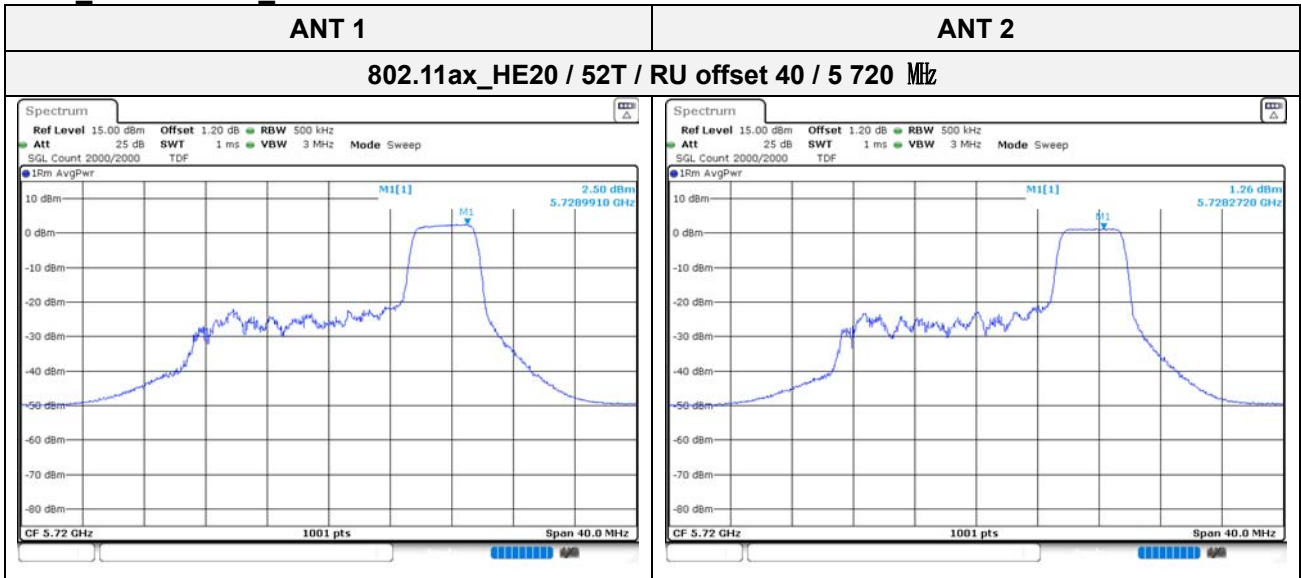
UNII-3 Band



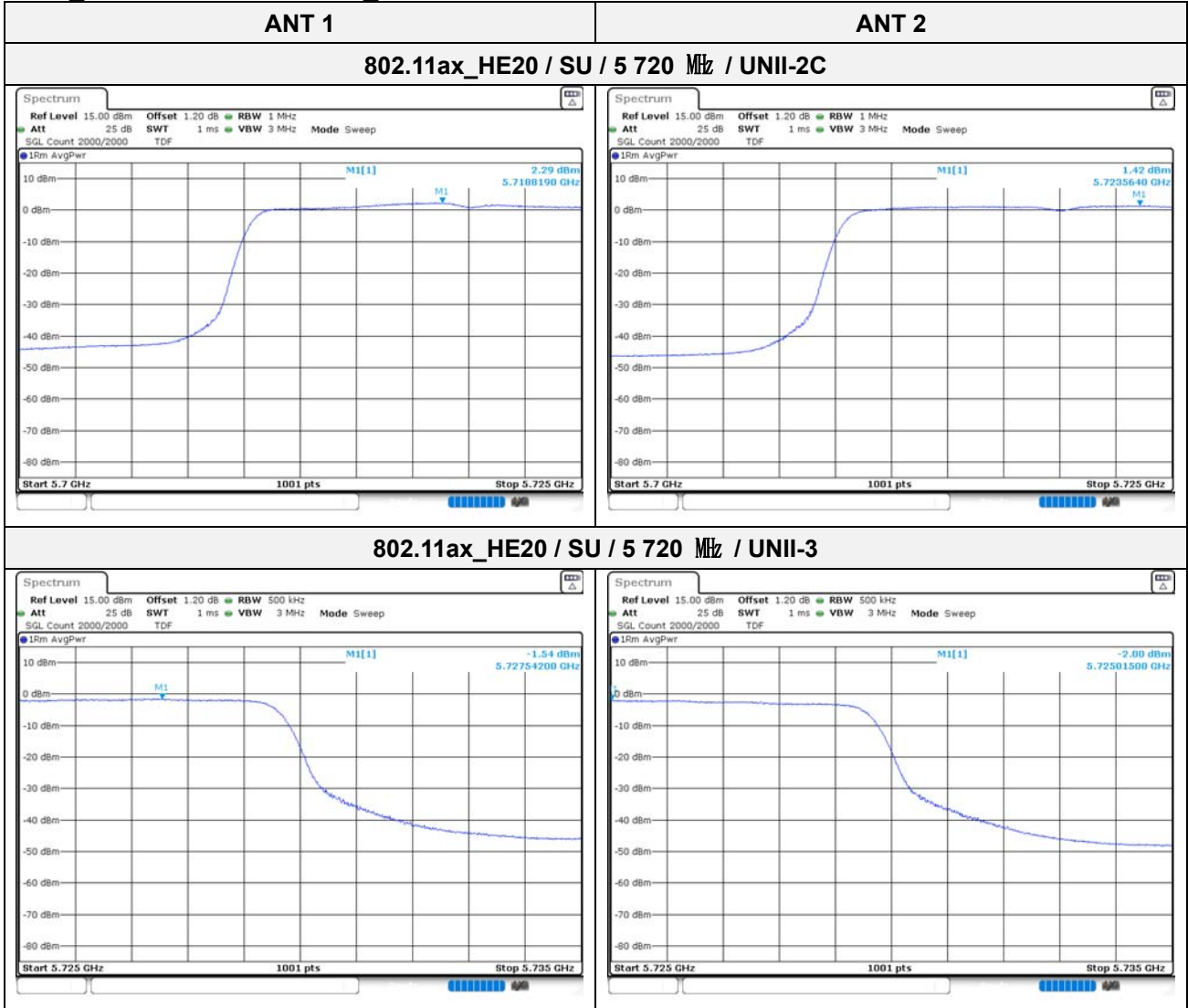
HE20_UNII-2C Band Straddle



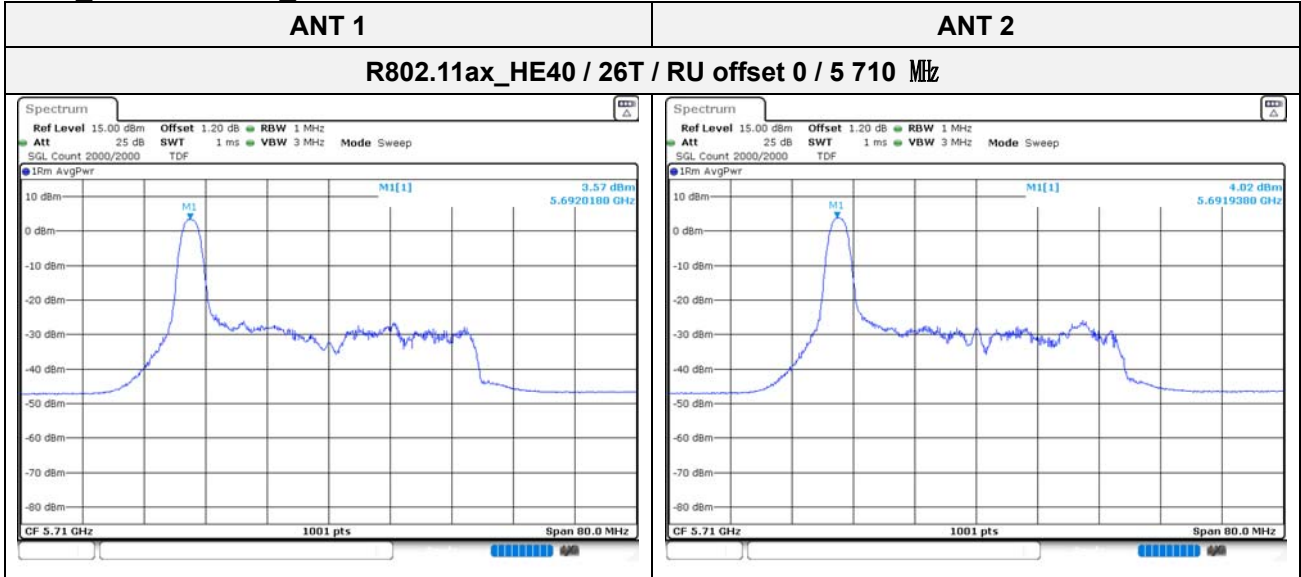
HE20_UNII-3 Band Straddle



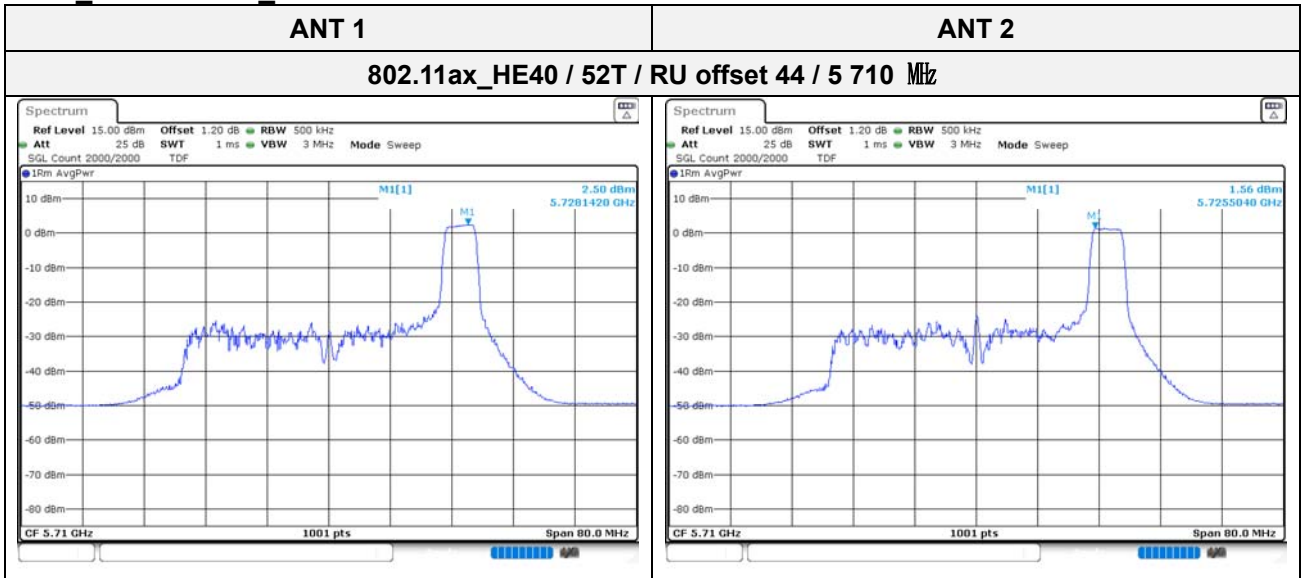
HE20_UNII-2C + UNII-3 Band Straddle



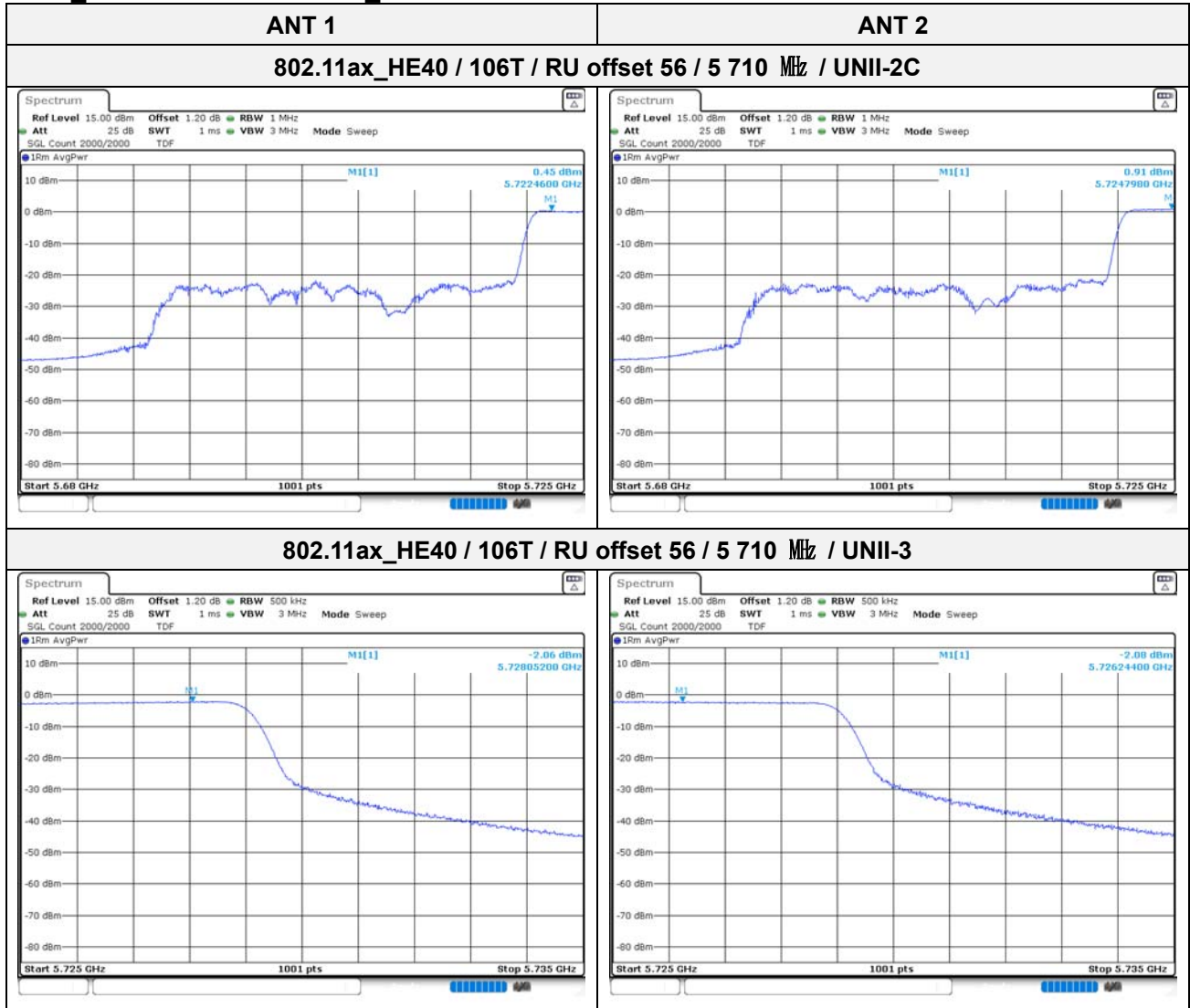
HE40_UNII-2C Band_Straddle



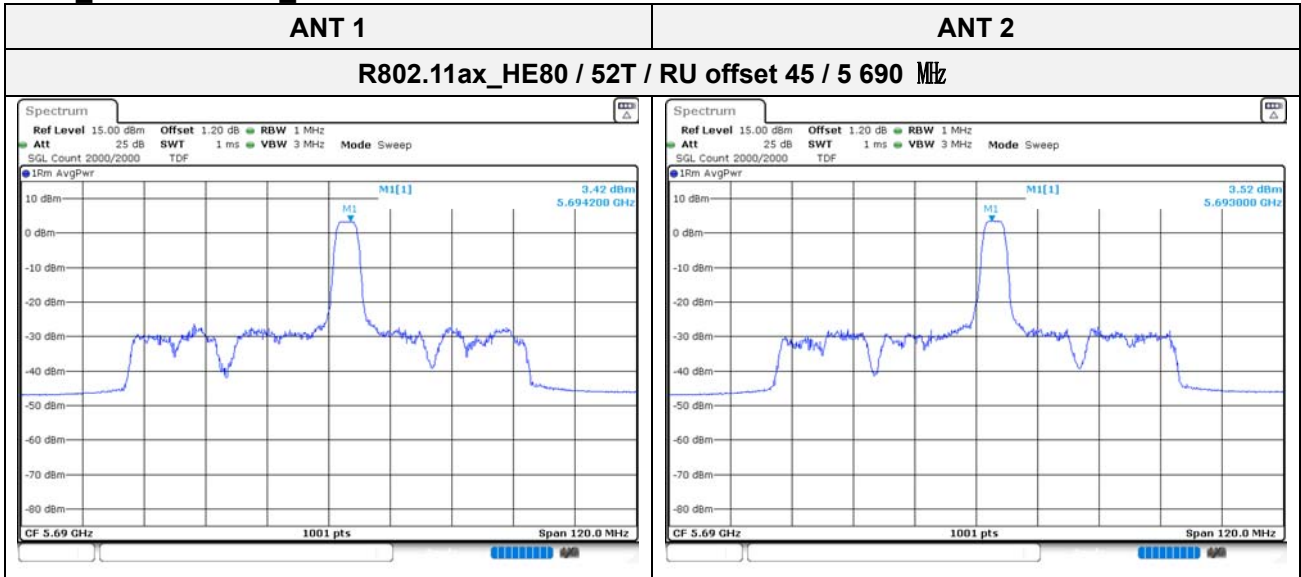
HE40_UNII-3 Band_Straddle



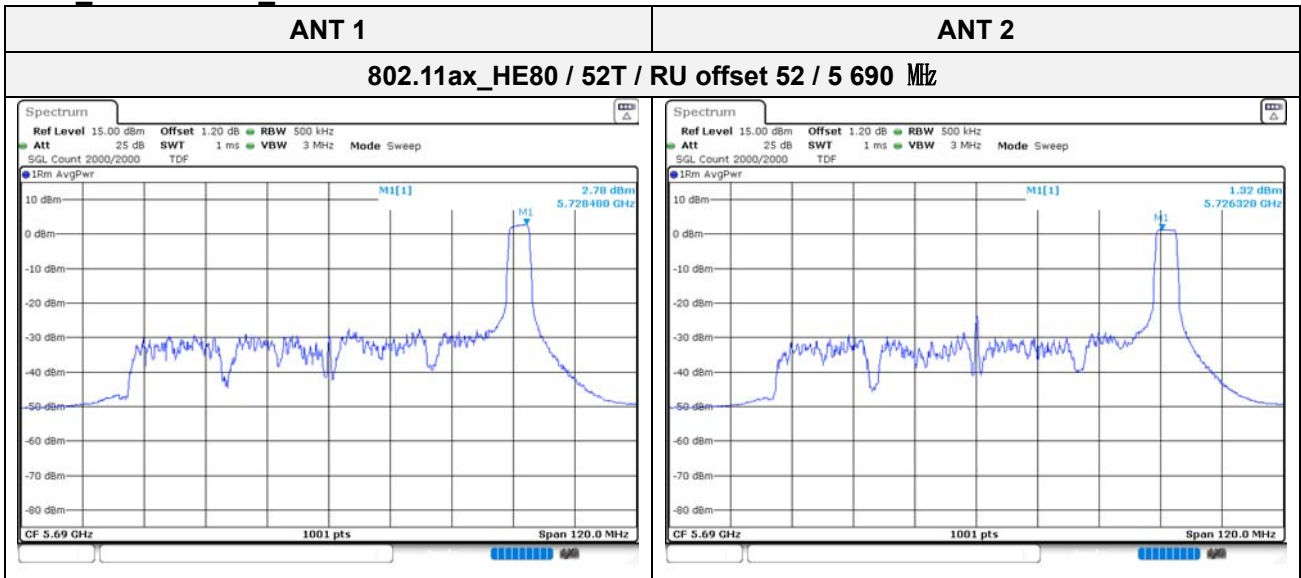
HE40_UNII-2C + UNII-3 Band Straddle



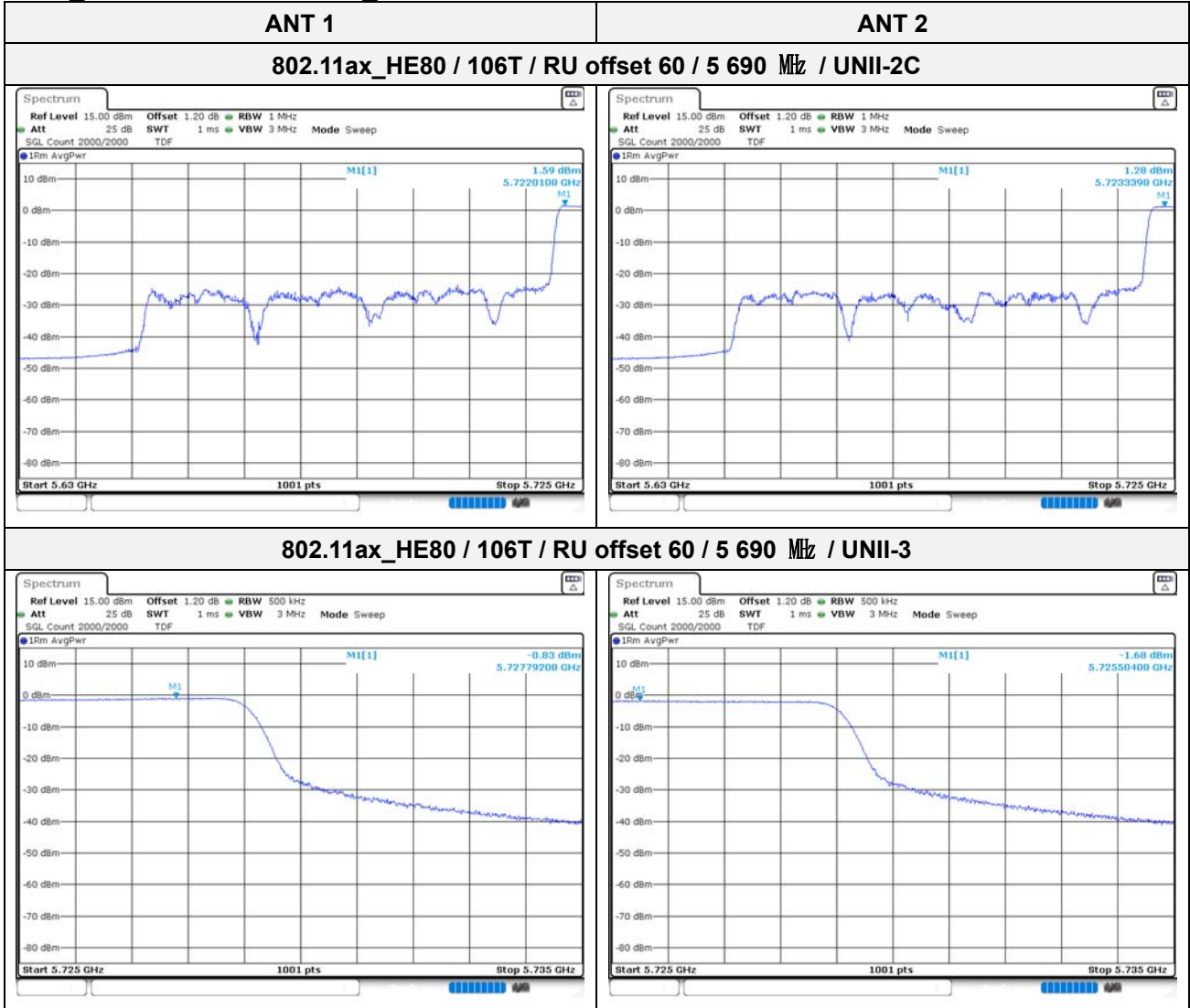
HE80_UNII-2C Band Straddle



HE80_UNII-3 Band Straddle

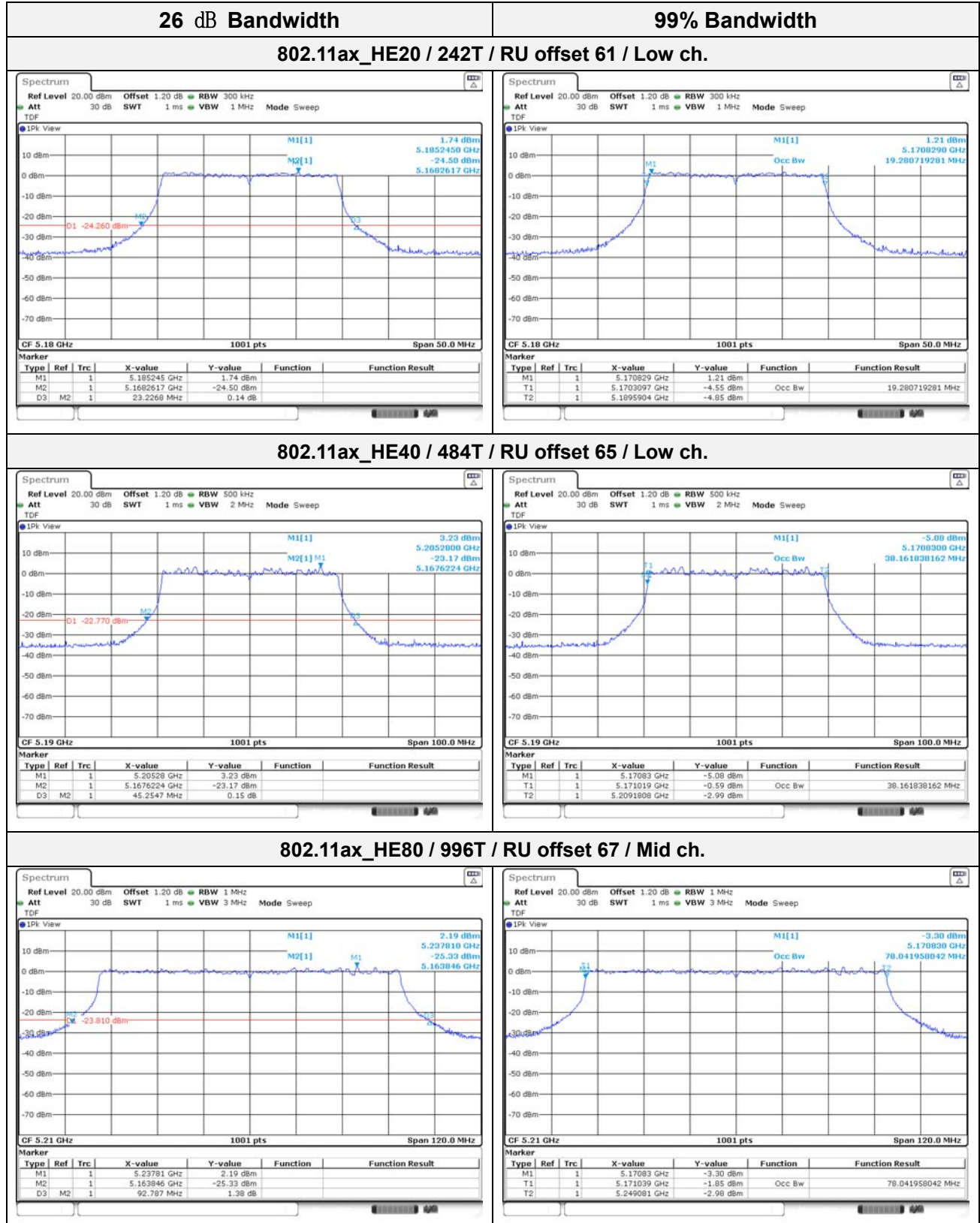


HE80_UNII-2C + UNII 3 Band Straddle



26 dB Bandwidth & 99% Bandwidth

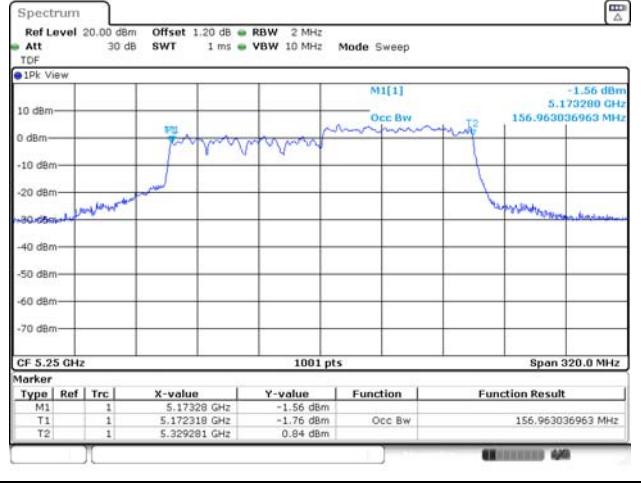
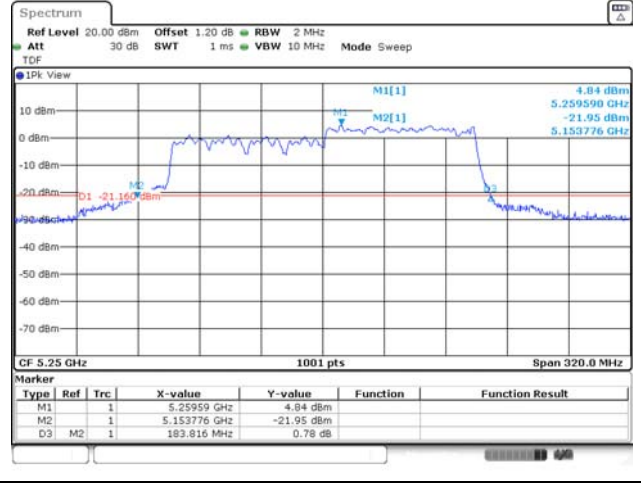
In order to simplify the report, attached plots were the worst case of ANT 1 per bandwidth. For 99% Bandwidth, It was also based on 26 dB Bandwidth's worst scenario UNII-1 Band



26 dB Bandwidth

99% Bandwidth

802.11ax_HE160 / 996T/ RU offset 67U / Mid ch.

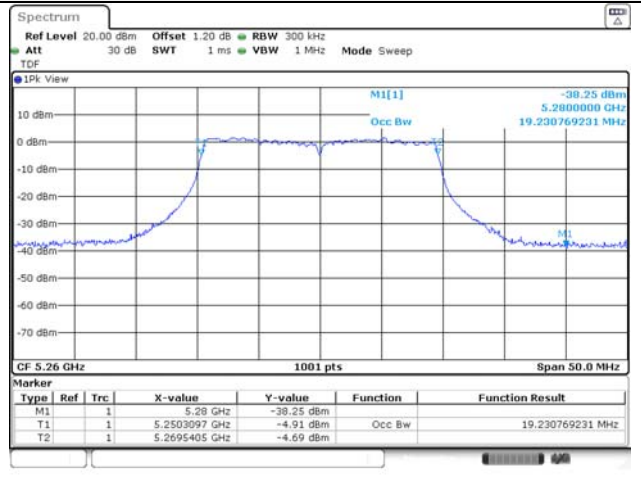
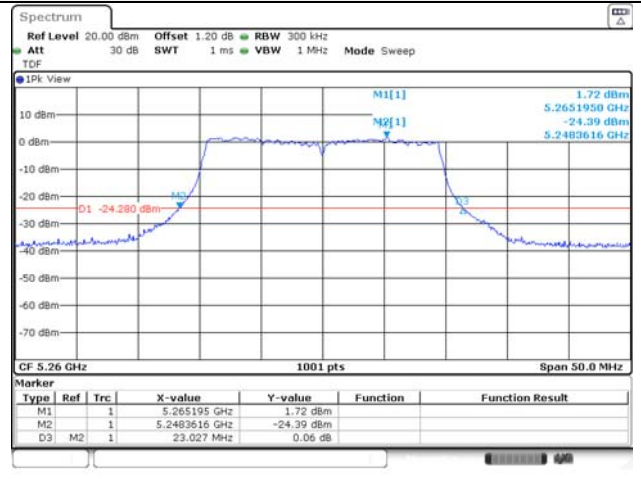


UNII-2A Band

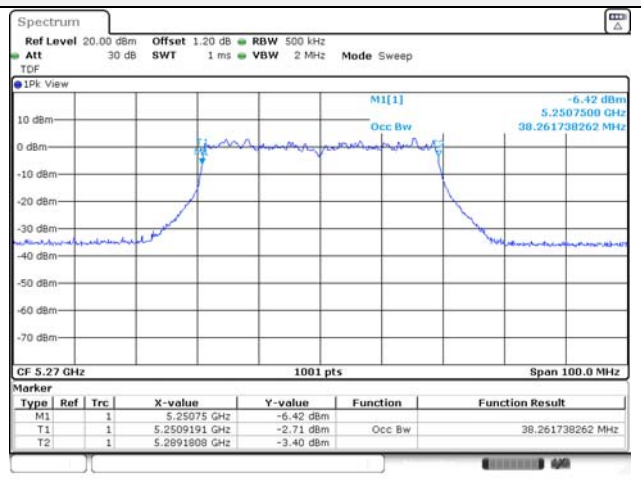
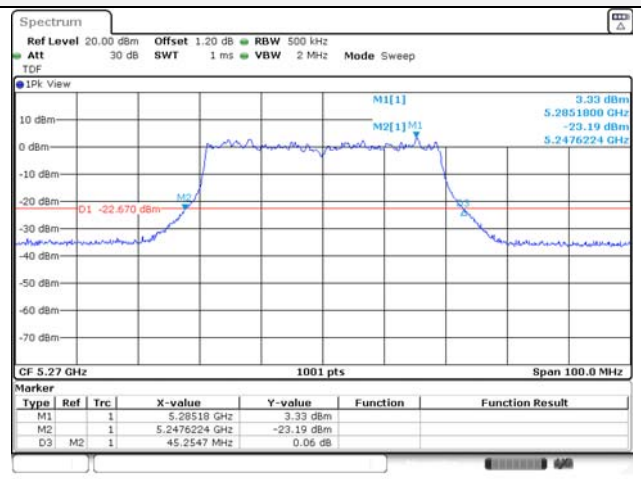
26 dB Bandwidth

99% Bandwidth

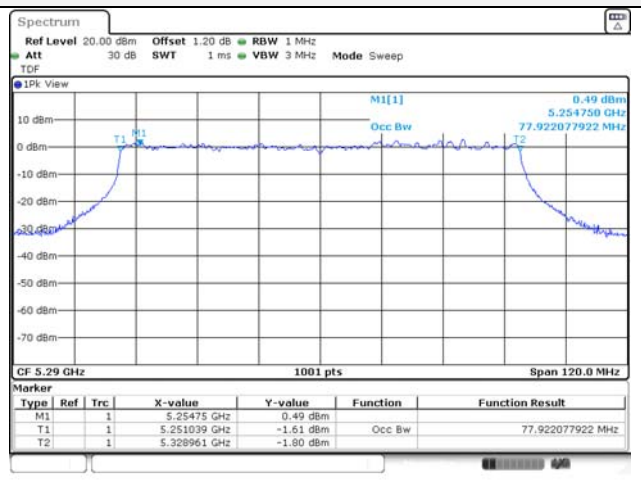
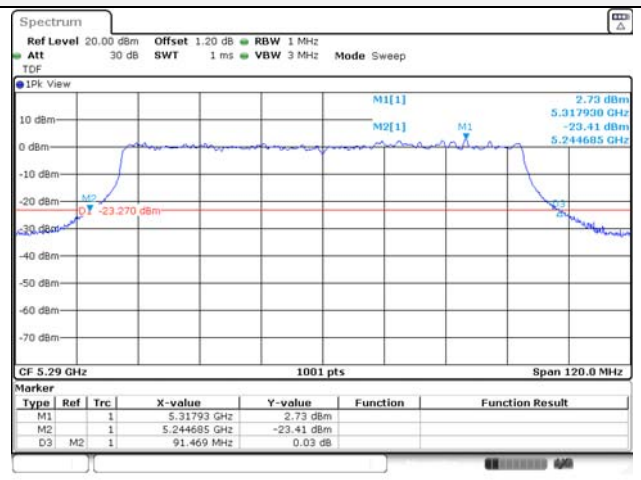
802.11ax_HE20 / 242T / RU offset 61 / Low ch.



802.11ax_HE40 / 484T / RU offset 65 / Low ch.



802.11ax_HE80 / 996T / RU offset 67 / Mid ch.

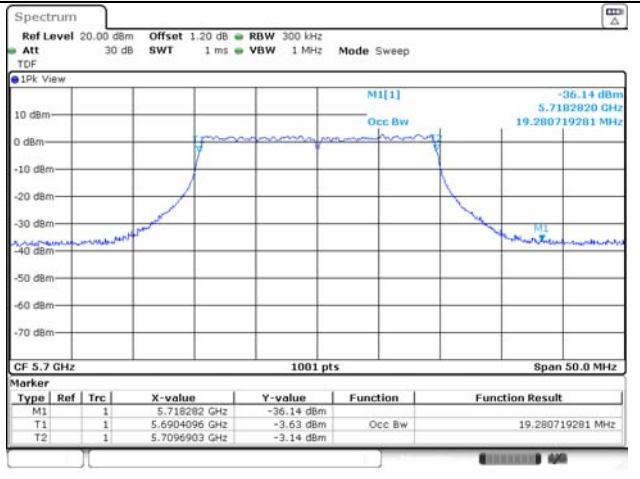
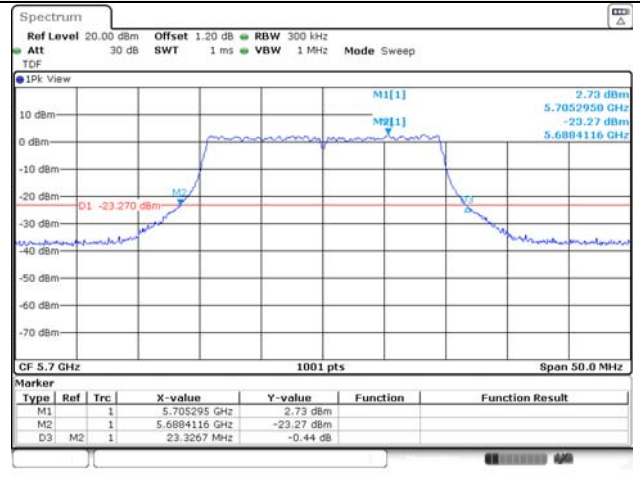


UNII-2C Band

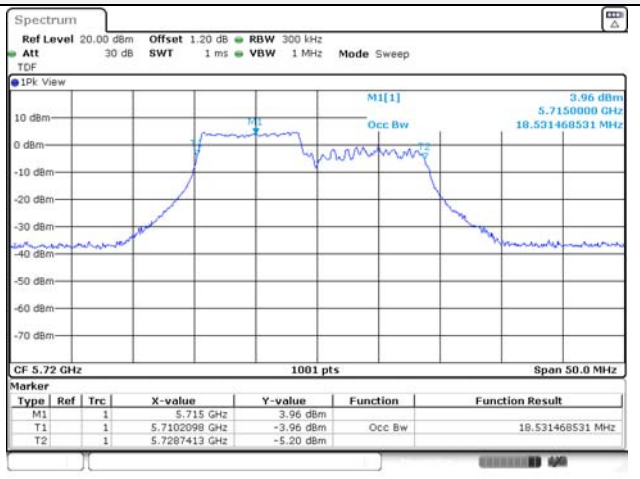
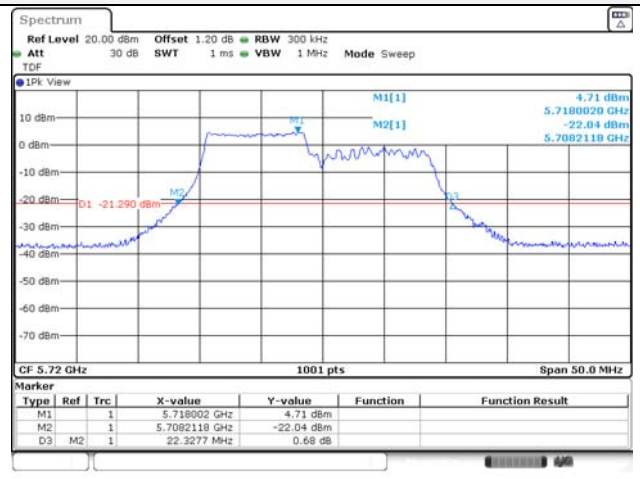
26 dB Bandwidth

99% Bandwidth

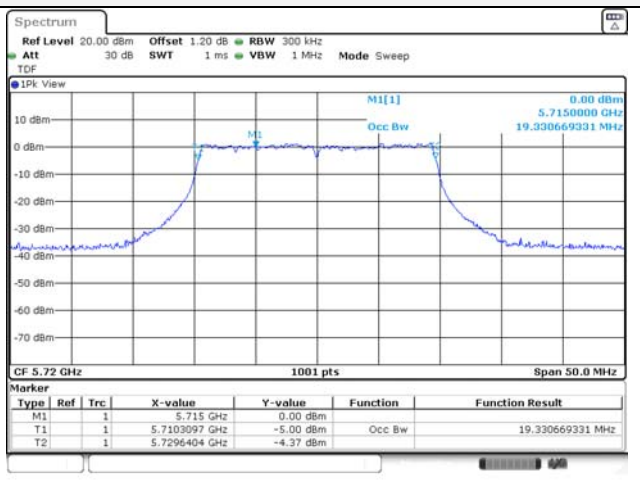
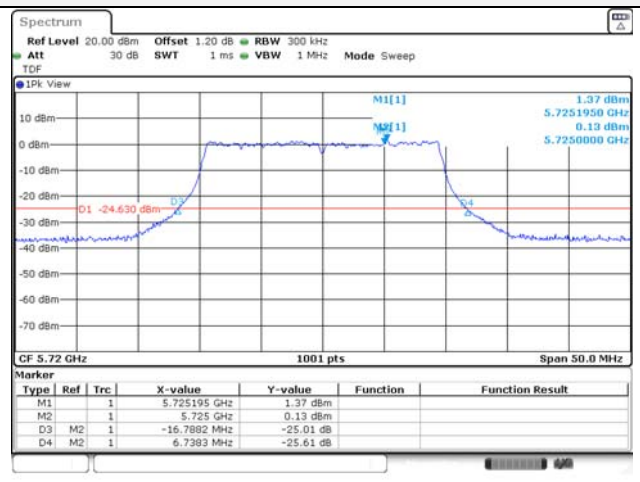
802.11ax_HE20 / 242T / RU offset 61 / High ch.



802.11ax_HE20 / 106T / RU offset 53 / Straddle ch.



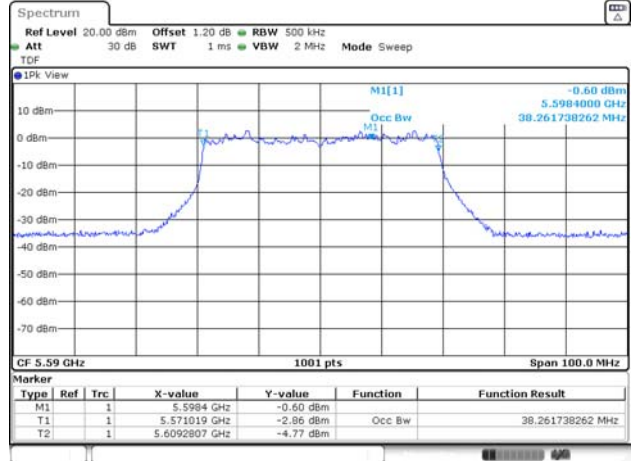
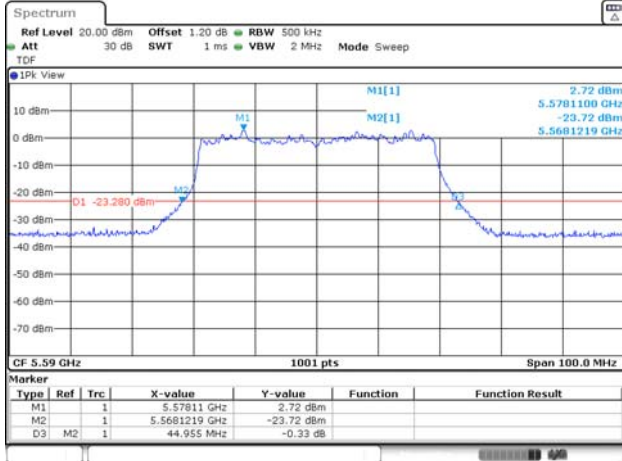
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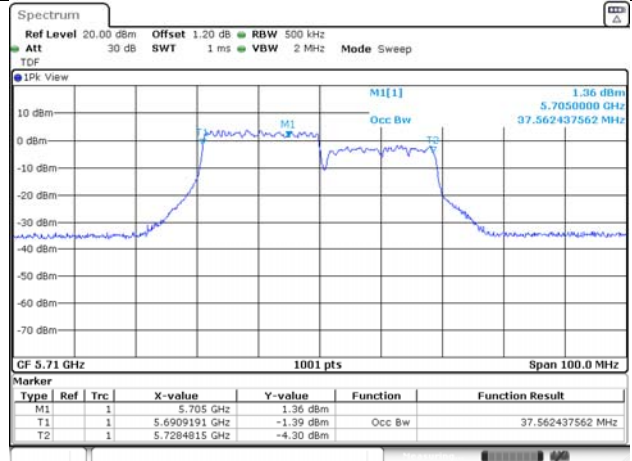
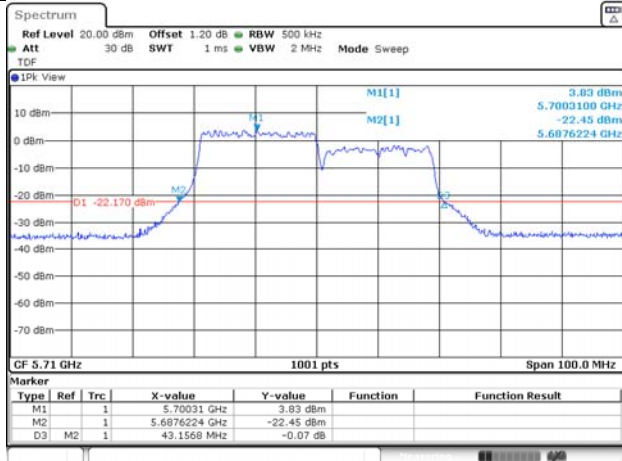
26 dB Bandwidth

99% Bandwidth

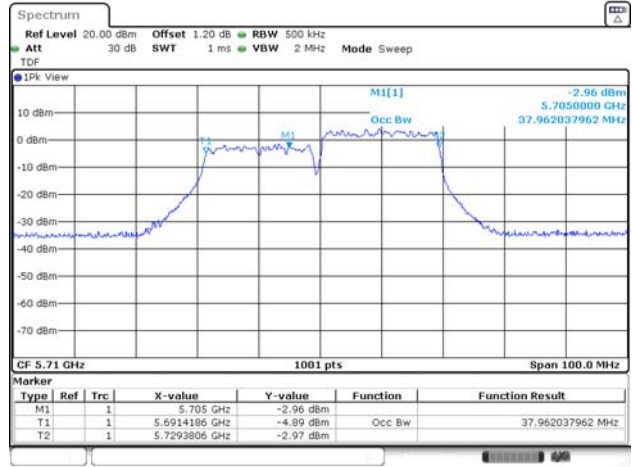
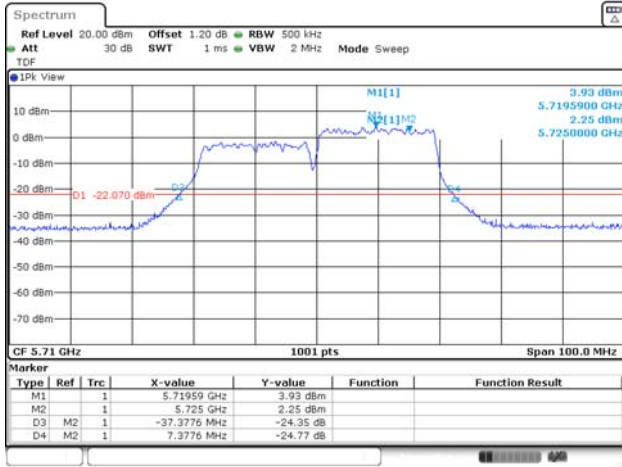
802.11ax_HE40 / 484T / RU offset 65 / Mid ch.



802.11ax_HE40 / 242T / RU offset 61 / Straddle ch.



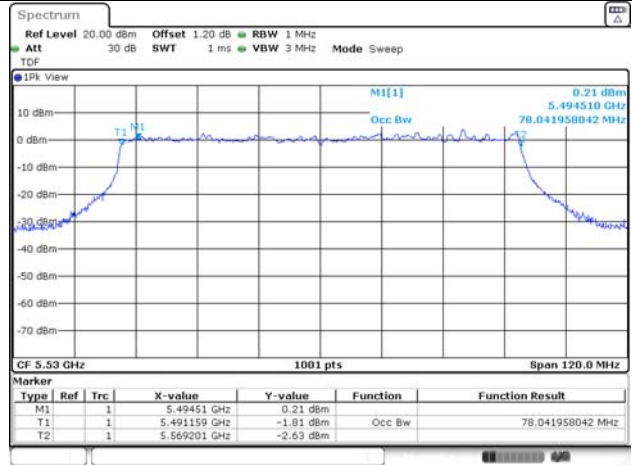
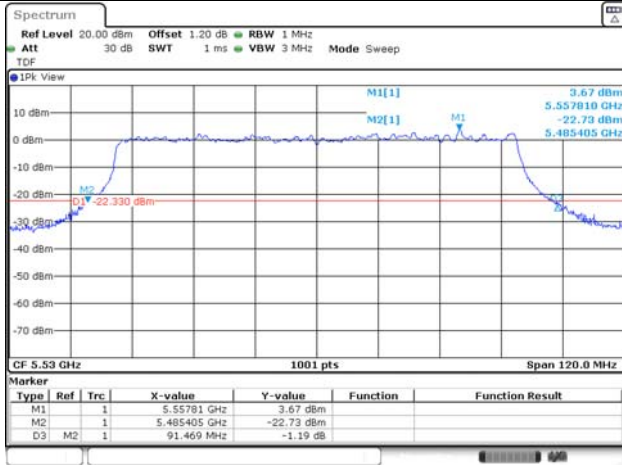
802.11ax_HE40 / 242T / RU offset 62 / Straddle ch.



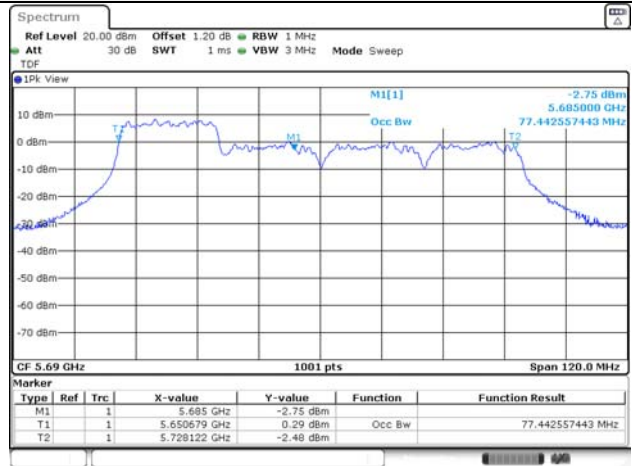
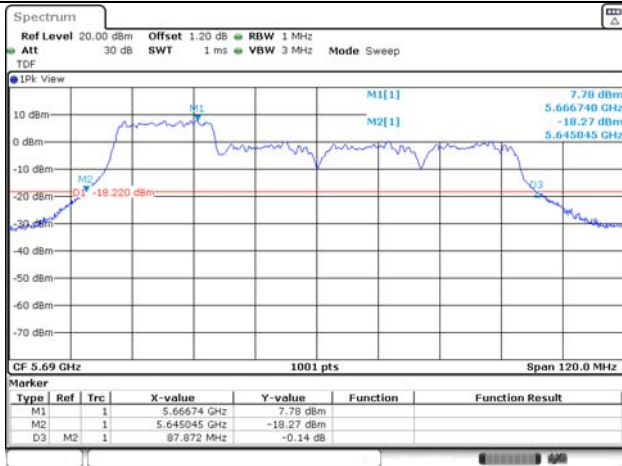
26 dB Bandwidth

99% Bandwidth

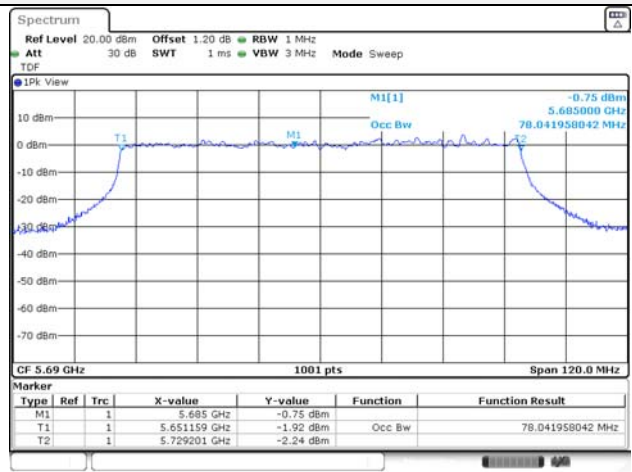
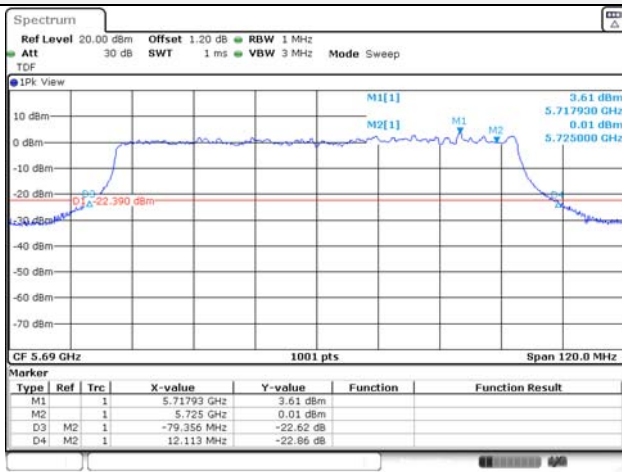
802.11ax_HE80 / 996T / RU offset 67 / Low ch.



802.11ax_HE80 / 242T / RU offset 61 / Straddle ch.



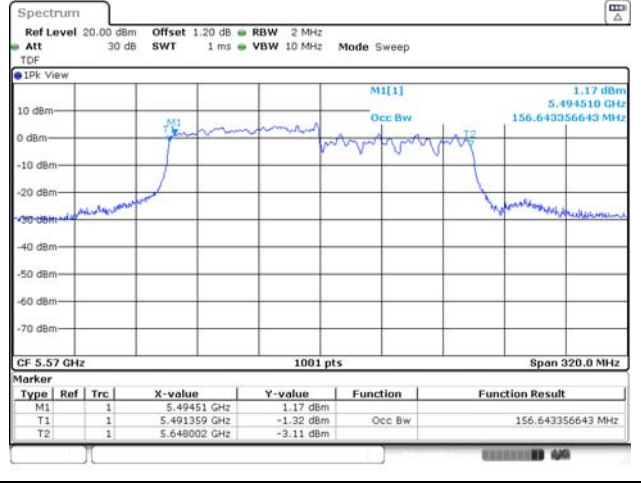
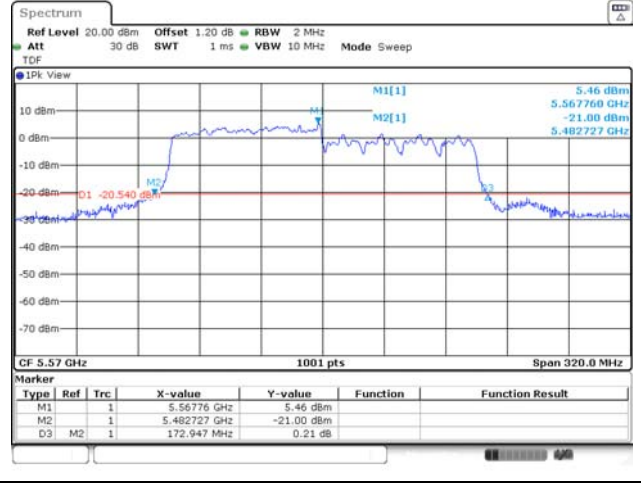
802.11ax_HE80 / 996T / RU offset 67 / Straddle ch.



26 dB Bandwidth

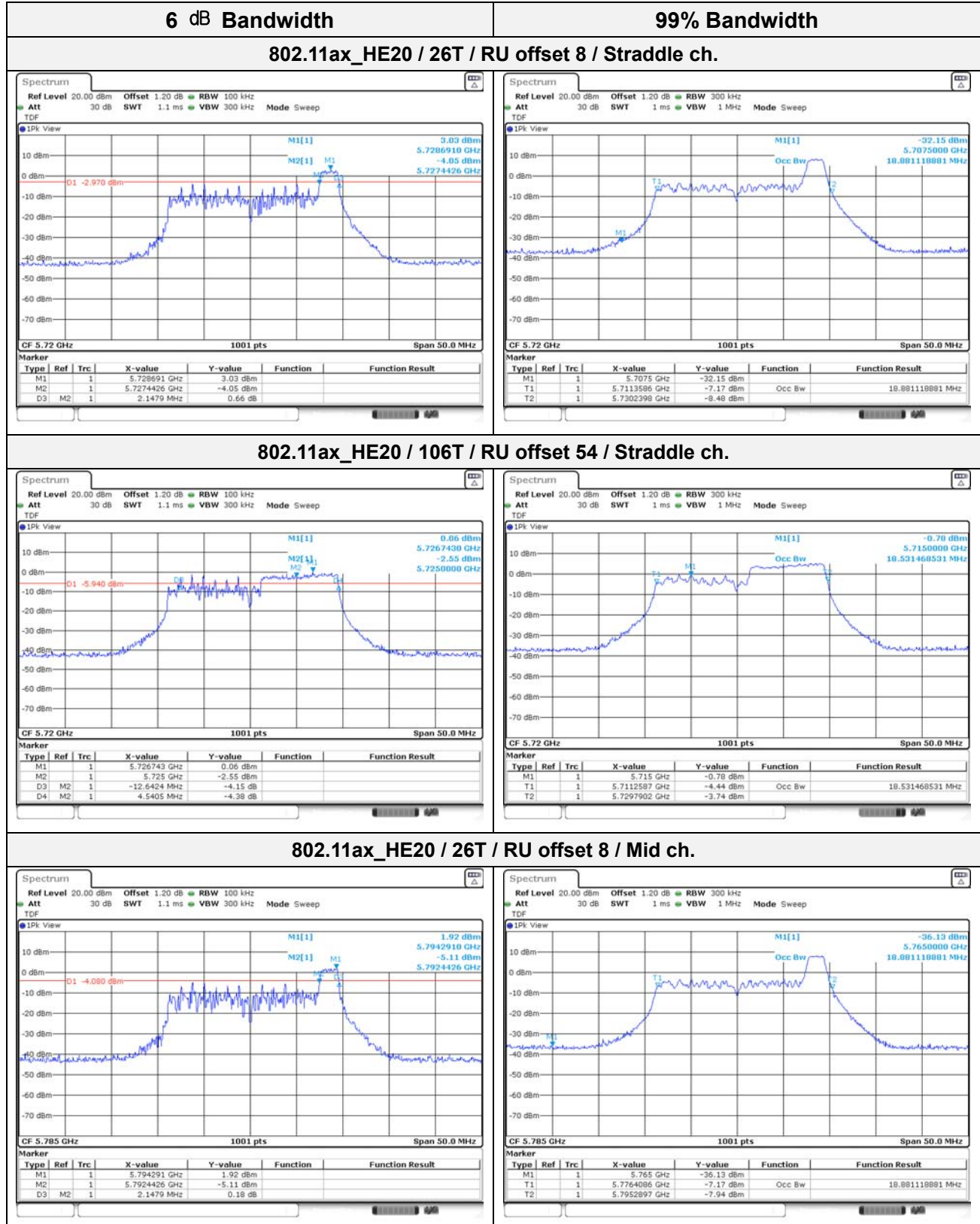
99% Bandwidth

802.11ax_HE160 / 996T / RU offset 67L / Mid ch.



6 dB Bandwidth & 99% Bandwidth

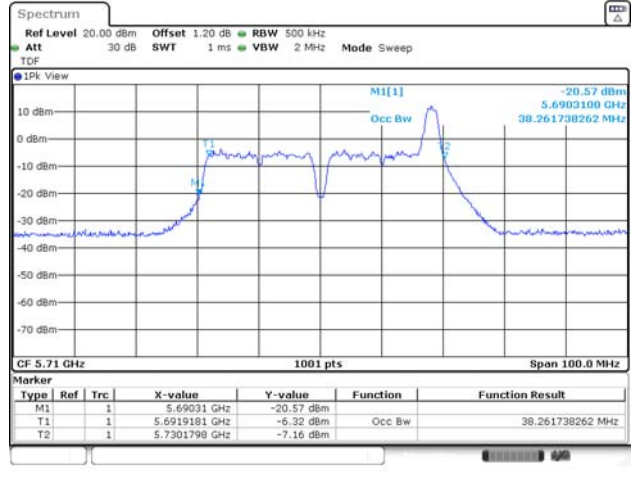
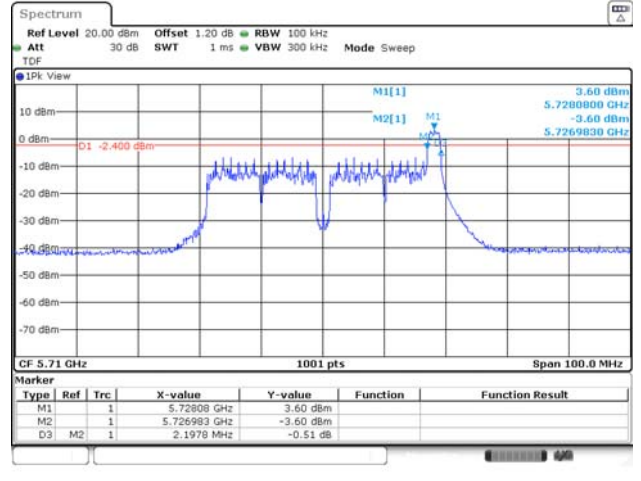
In order to simplify the report, attached plots were the worst case of ANT 1 per bandwidth. For 99% Bandwidth, It was also based on 6 dB Bandwidth's worst scenario UNII-3 Band



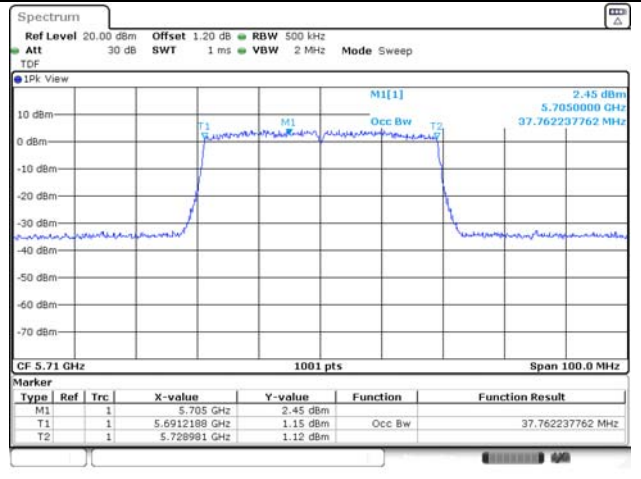
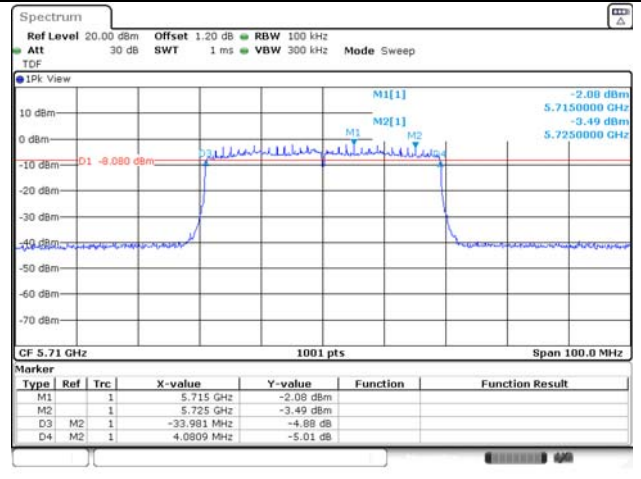
6 dB Bandwidth

99% Bandwidth

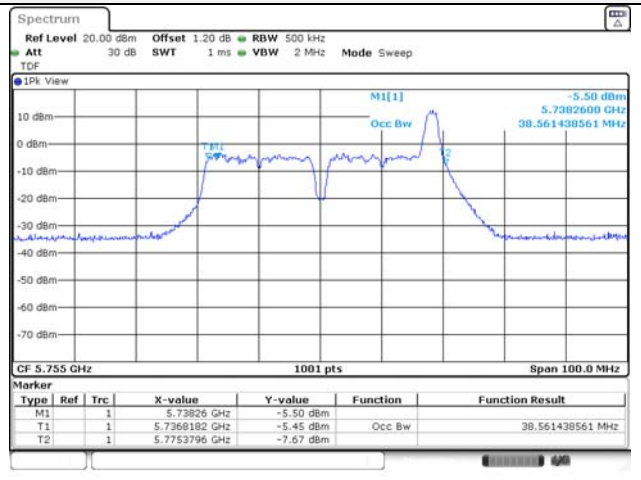
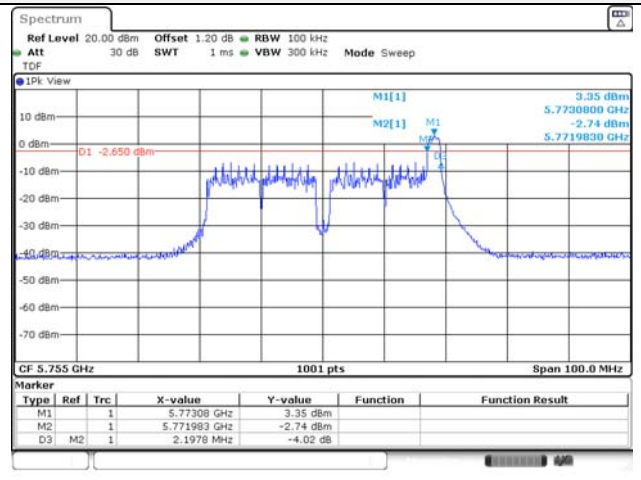
802.11ax_HE40 / 26T / RU offset 17 / Straddle ch.



802.11ax_HE40 / SU / Straddle ch.



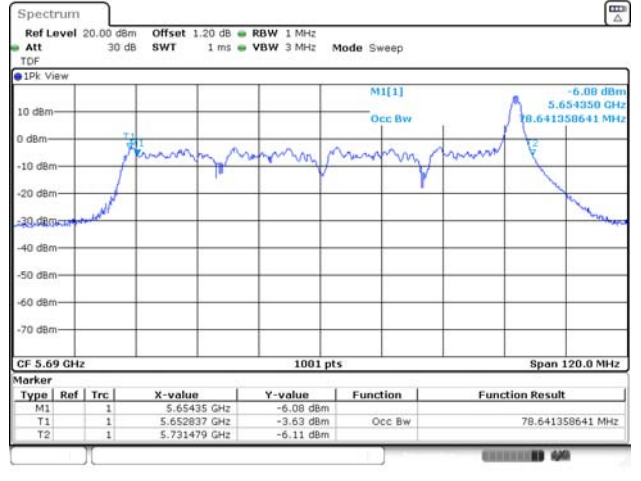
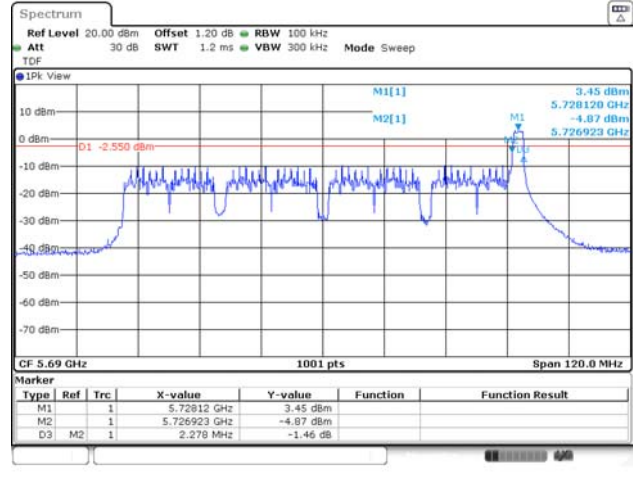
802.11ax_HE40 / 26T / RU offset 17 / Low ch.



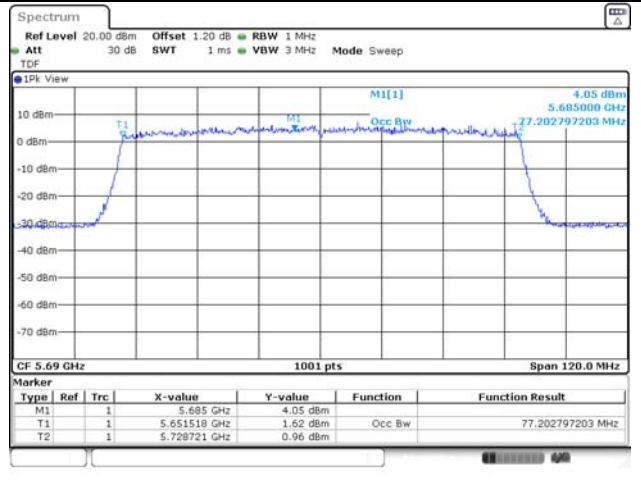
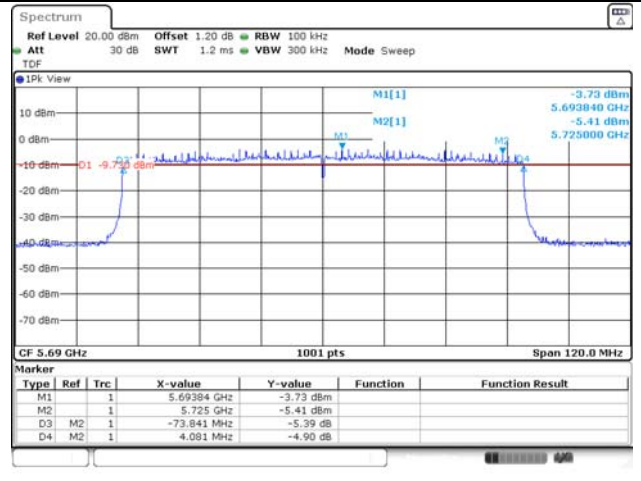
6 dB Bandwidth

99% Bandwidth

802.11ax_HE80 / 26T / RU offset 36 / Straddle ch.



802.11ax_HE80 / SU / Straddle ch.



802.11ax_HE80 / 26T / RU offset 0 / Mid ch.

