

Appendix A

Test plots

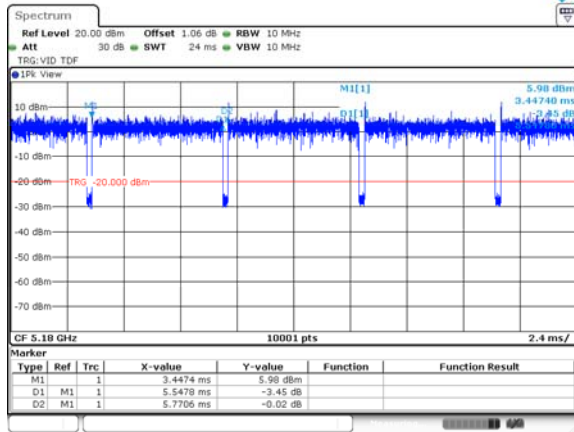
UNII 802.11ax WLAN

REPORT REVISION HISTORY

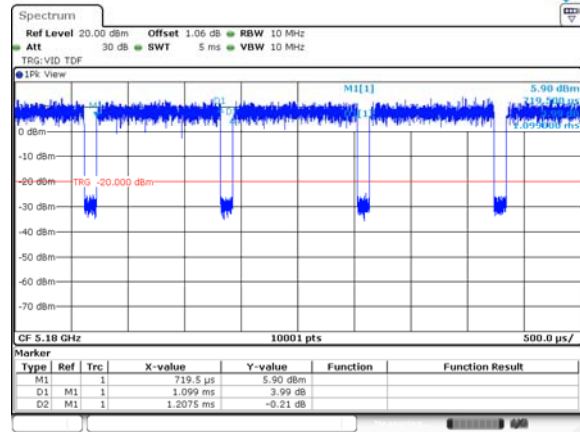
Date	Revision	Page No
2023-11-24	Originally issued	-

Duty cycle SISO

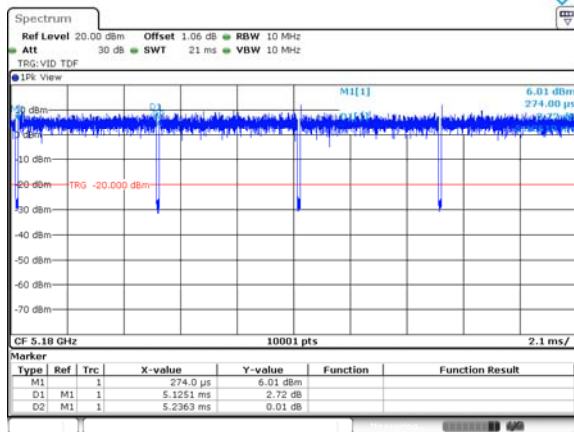
802.11ax_HE20 / 26T



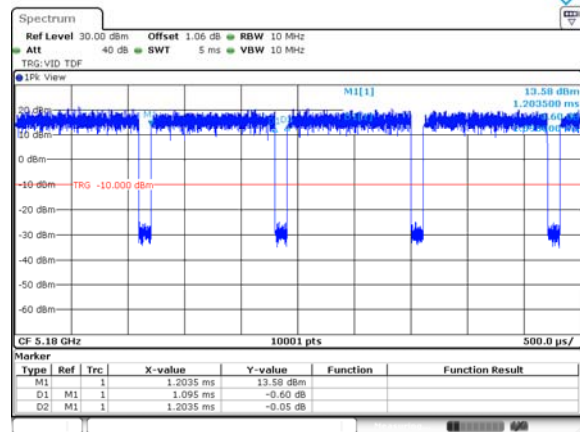
802.11ax_HE20 / 242T



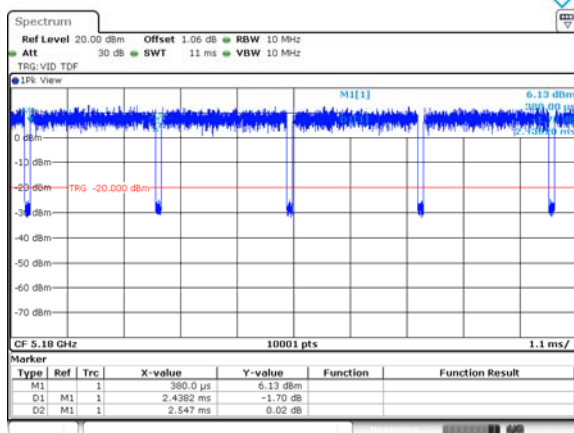
802.11ax_HE20 / 52T



802.11ax_HE20 / SU

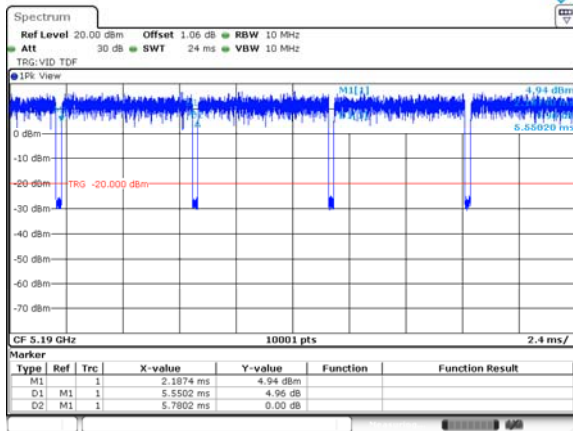


802.11ax_HE20 / 106T

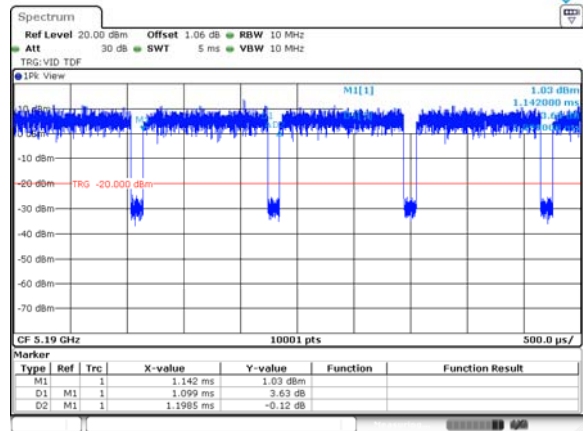


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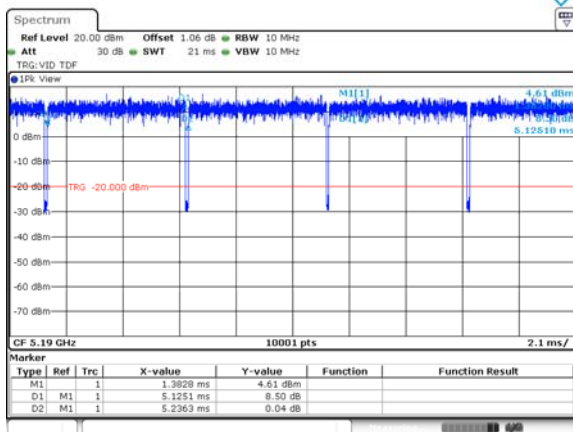
802.11ax_HE40 / 26T



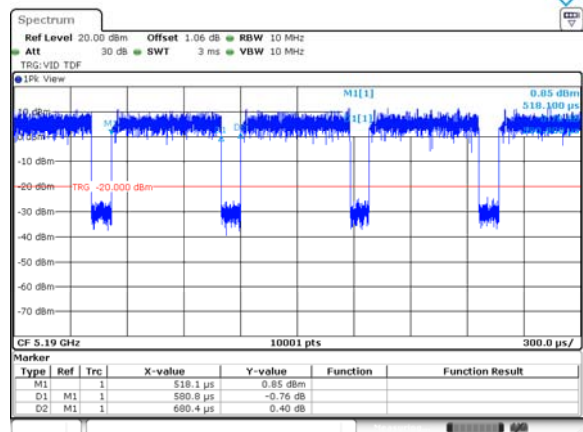
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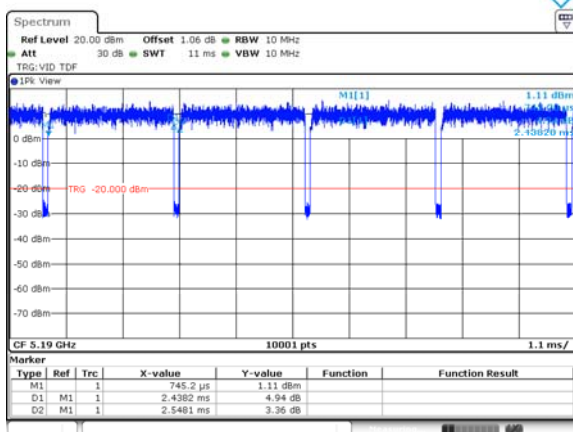
802.11ax_HE40 / 52T



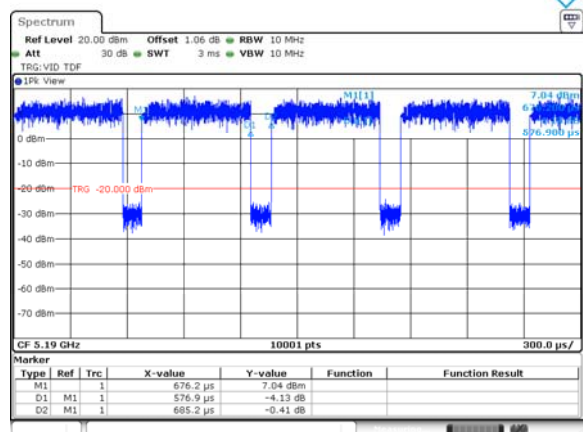
802.11ax_HE40 / 484T



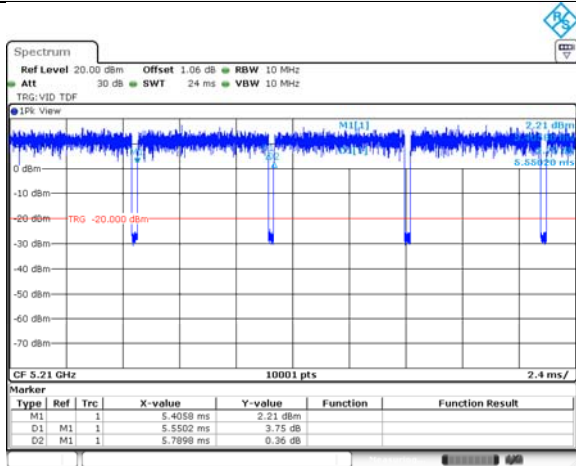
802.11ax_HE40 / 106T



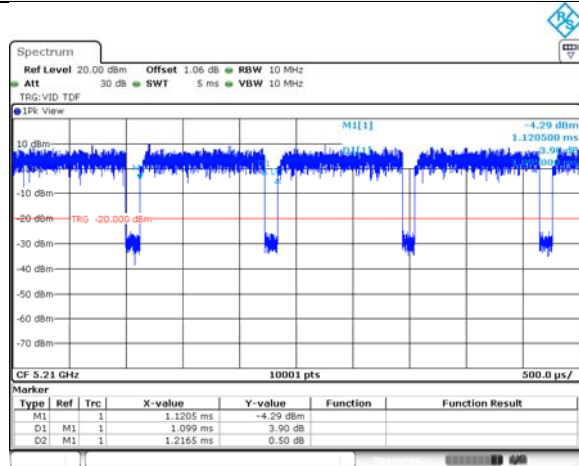
802.11ax_HE40 / SU



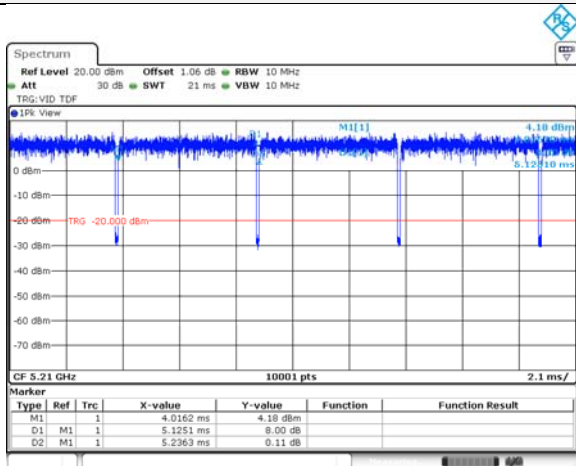
802.11ax_HE80 / 26T



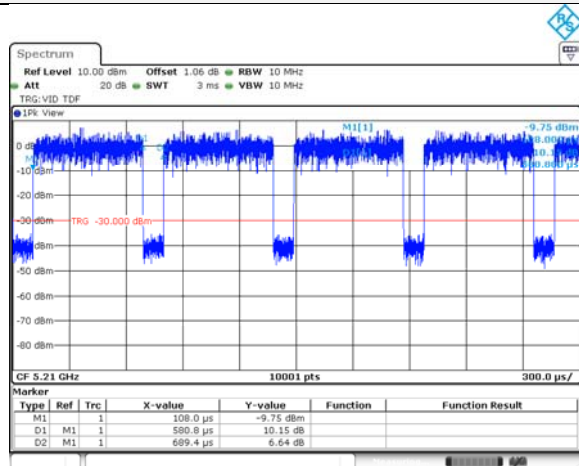
802.11ax_HE80 / 242T



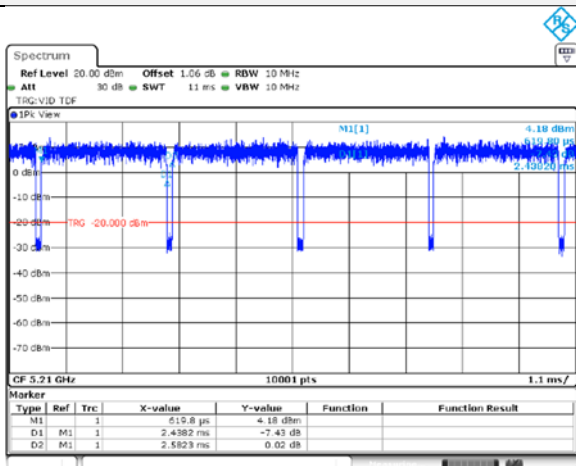
802.11ax_HE80 / 52T



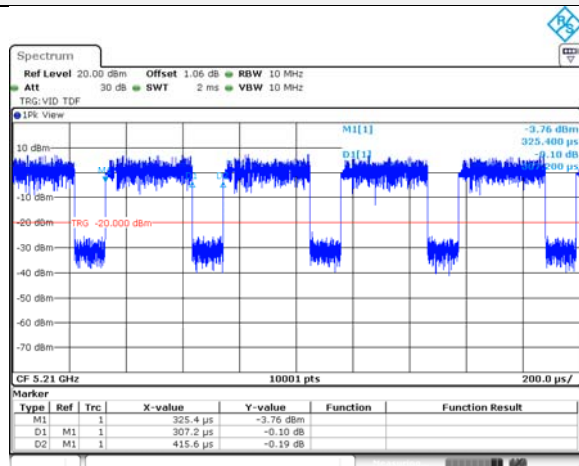
802.11ax_HE80 / 484T

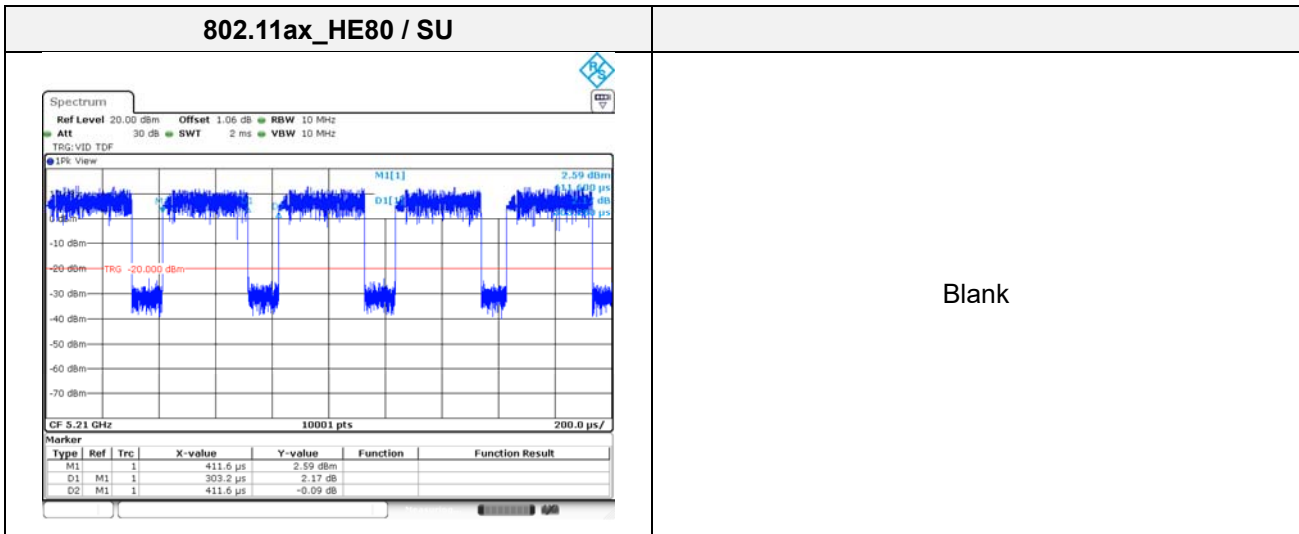


802.11ax_HE80 / 106T



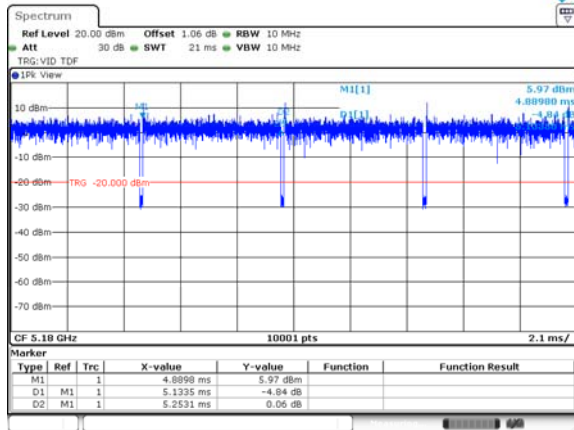
802.11ax_HE80 / 996T



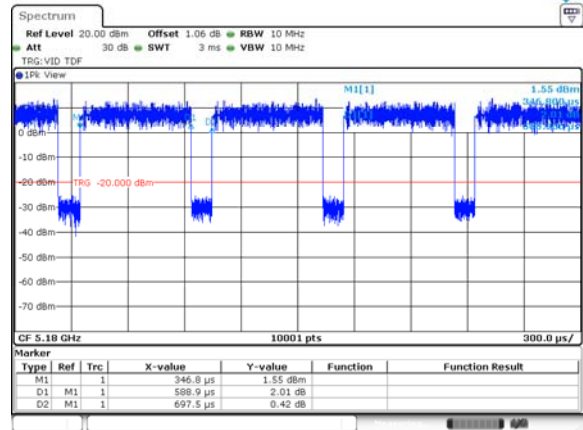


MIMO

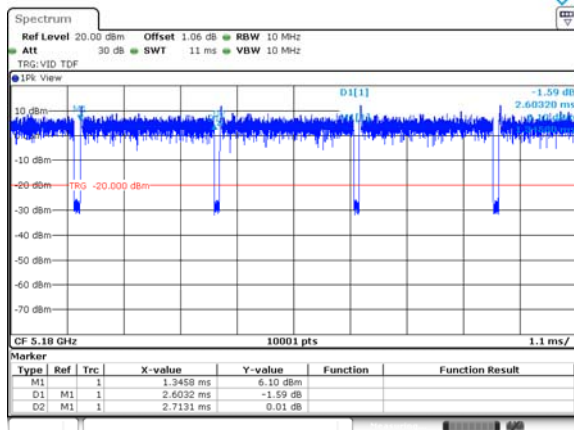
802.11ax_HE20 / 26T



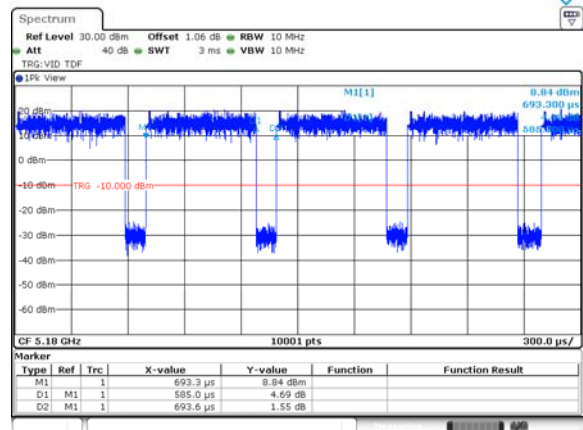
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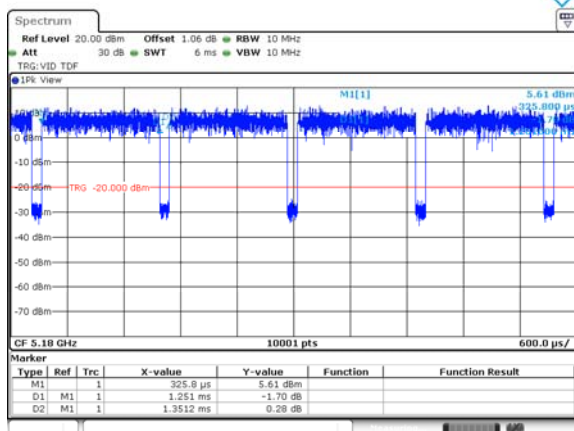
802.11ax_HE20 / 52T



802.11ax_HE20 / SU

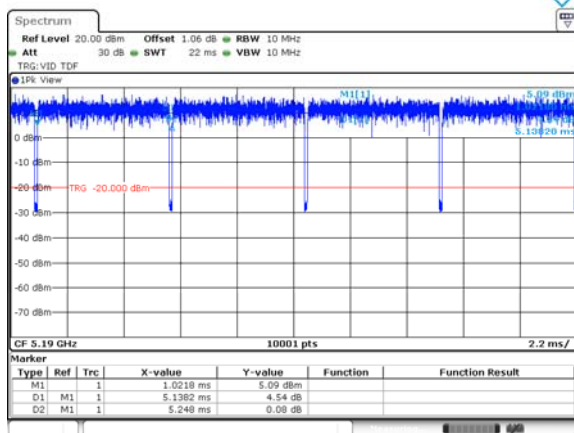


802.11ax_HE20 / 106T

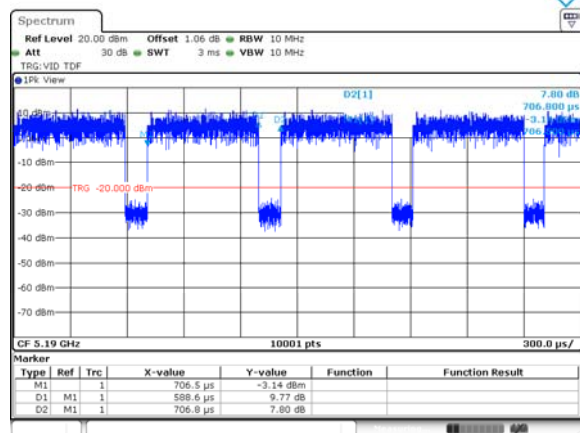


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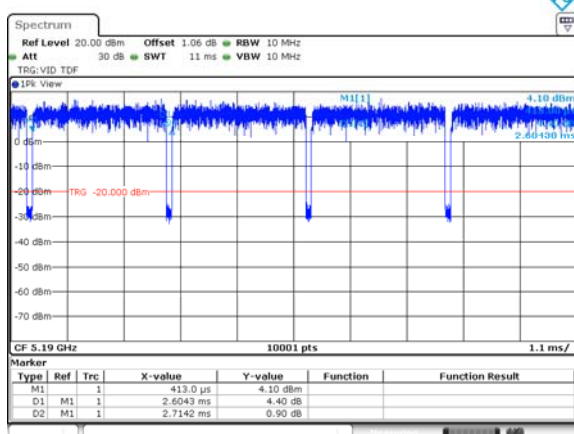
802.11ax_HE40 / 26T



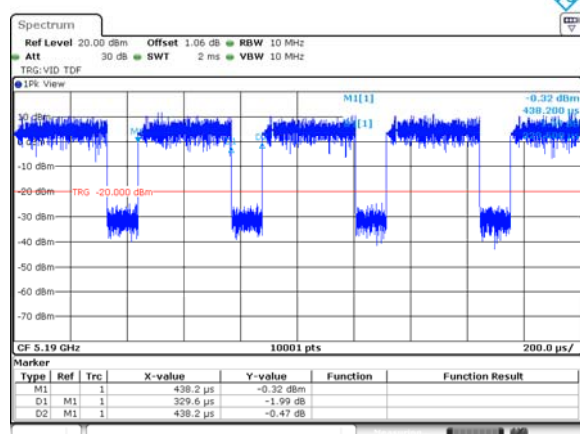
802.11ax_HE40 / 242T



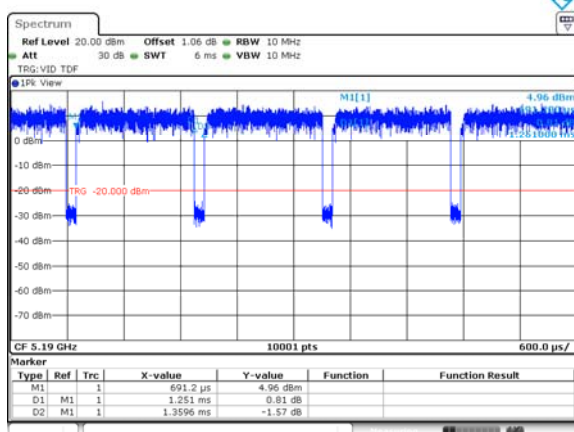
802.11ax_HE40 / 52T



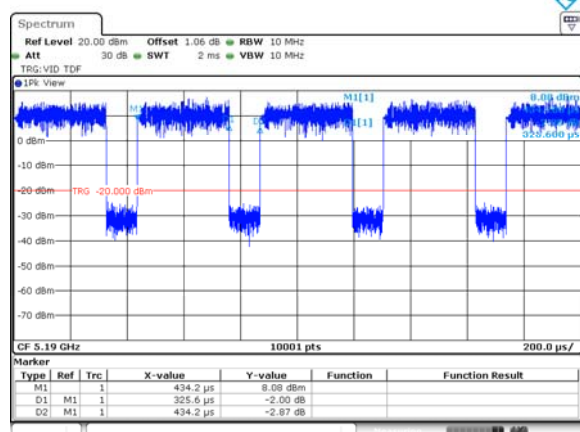
802.11ax_HE40 / 484T



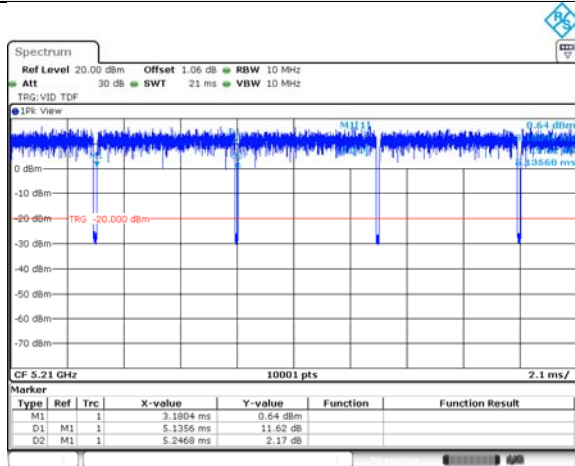
802.11ax_HE40 / 106T



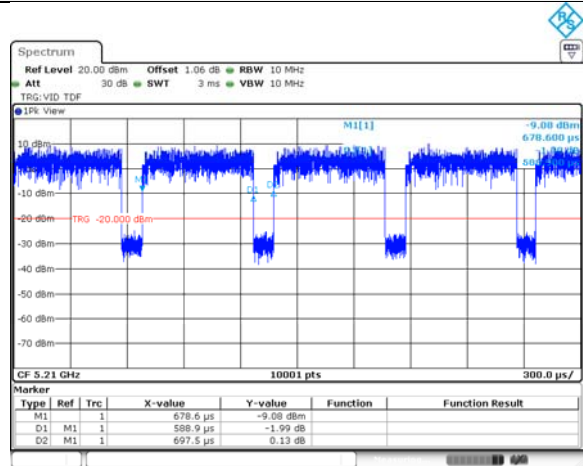
802.11ax_HE40 / SU



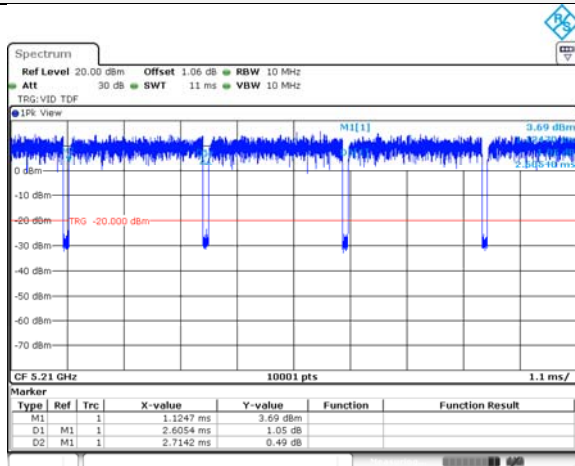
802.11ax_HE80 / 26T



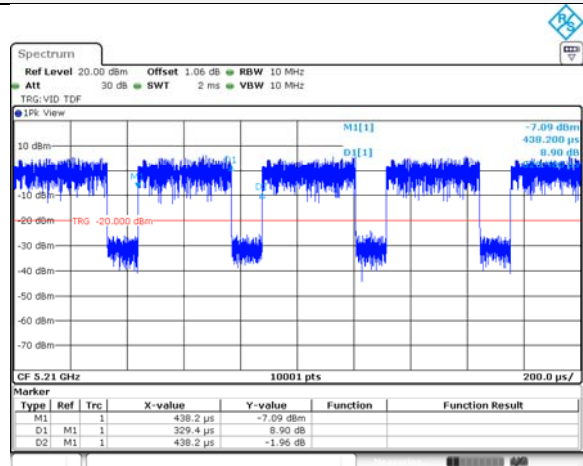
802.11ax_HE80 / 242T



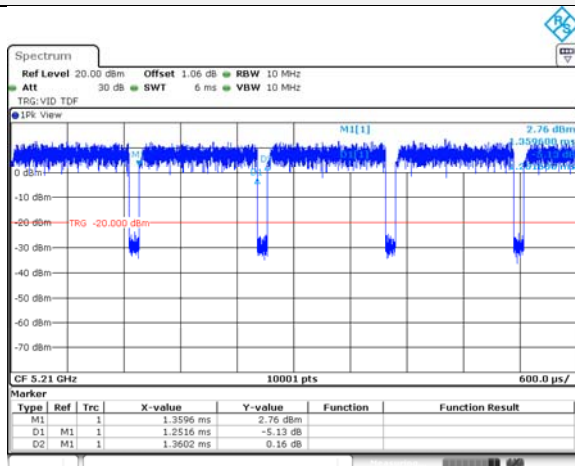
802.11ax_HE80 / 52T



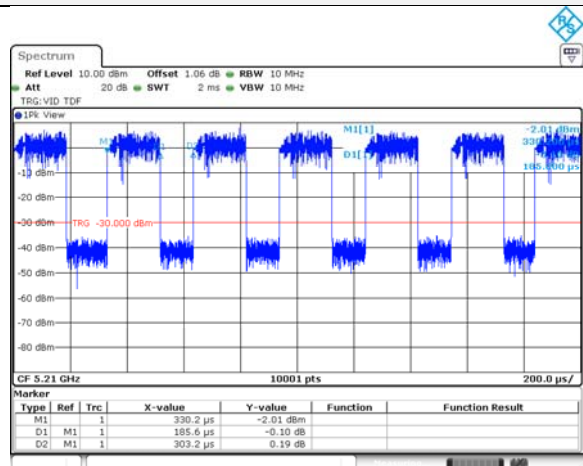
802.11ax_HE80 / 484T



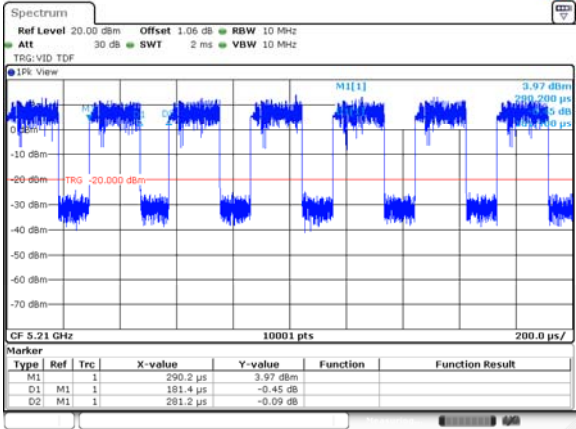
802.11ax_HE80 / 106T



802.11ax_HE80 / 996T



802.11ax_HE80 / SU

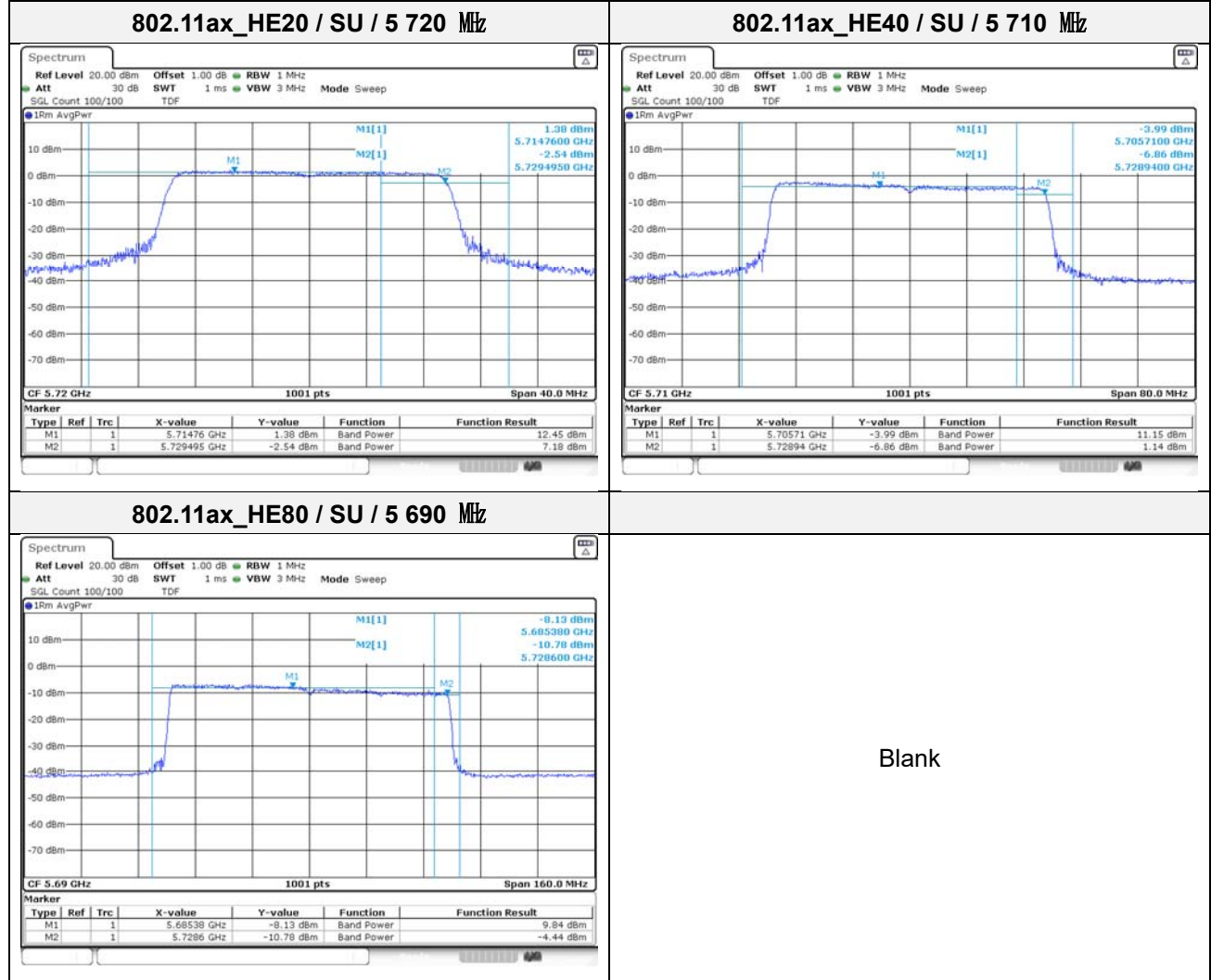


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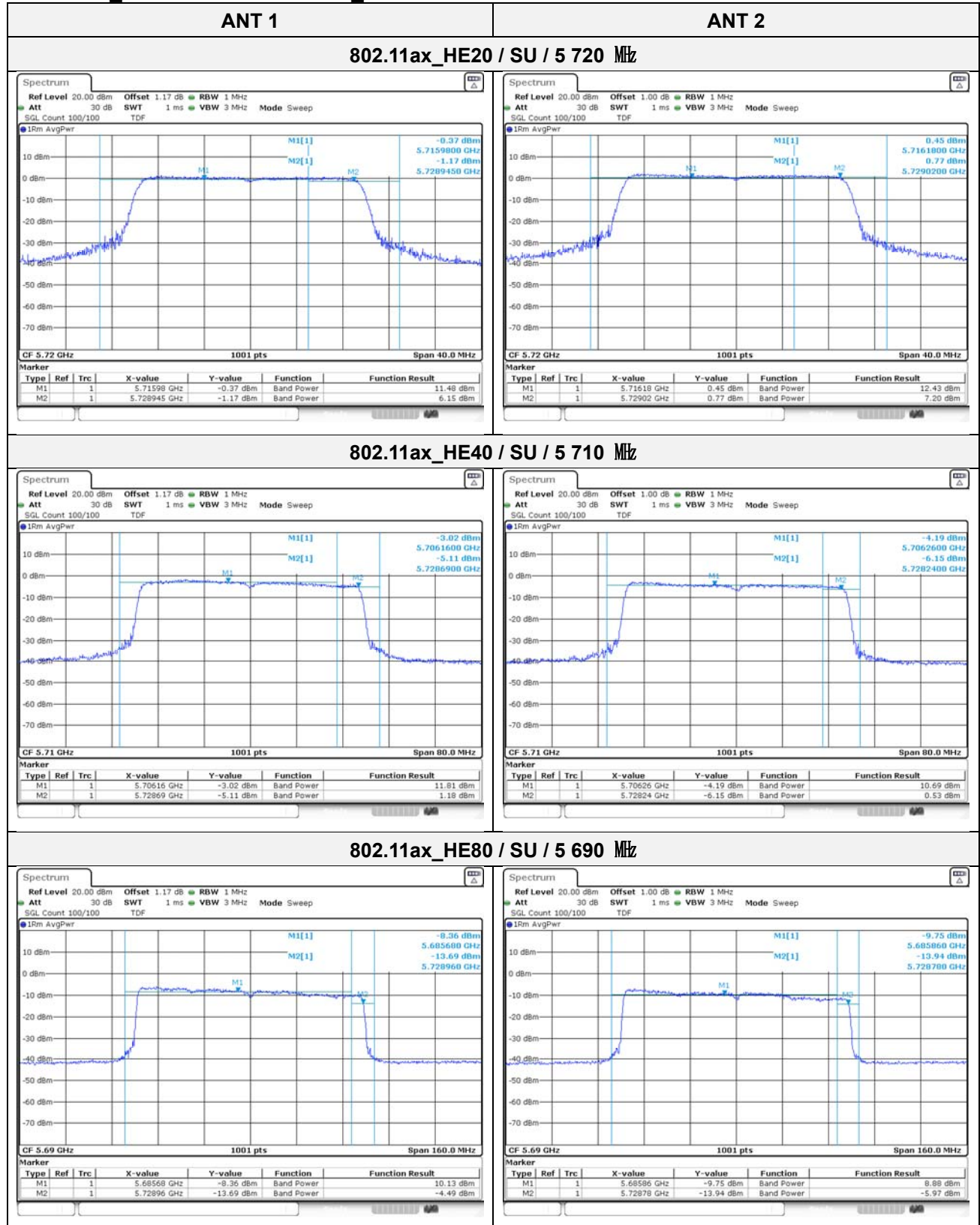
Maximum conducted output power and E.I.R.P

In order to simplify the report, attached plots were the worst case of straddle channel which RU Allocation included in the straddle band.

SISO_UNII-2C + UNII-3 Band_Straddle

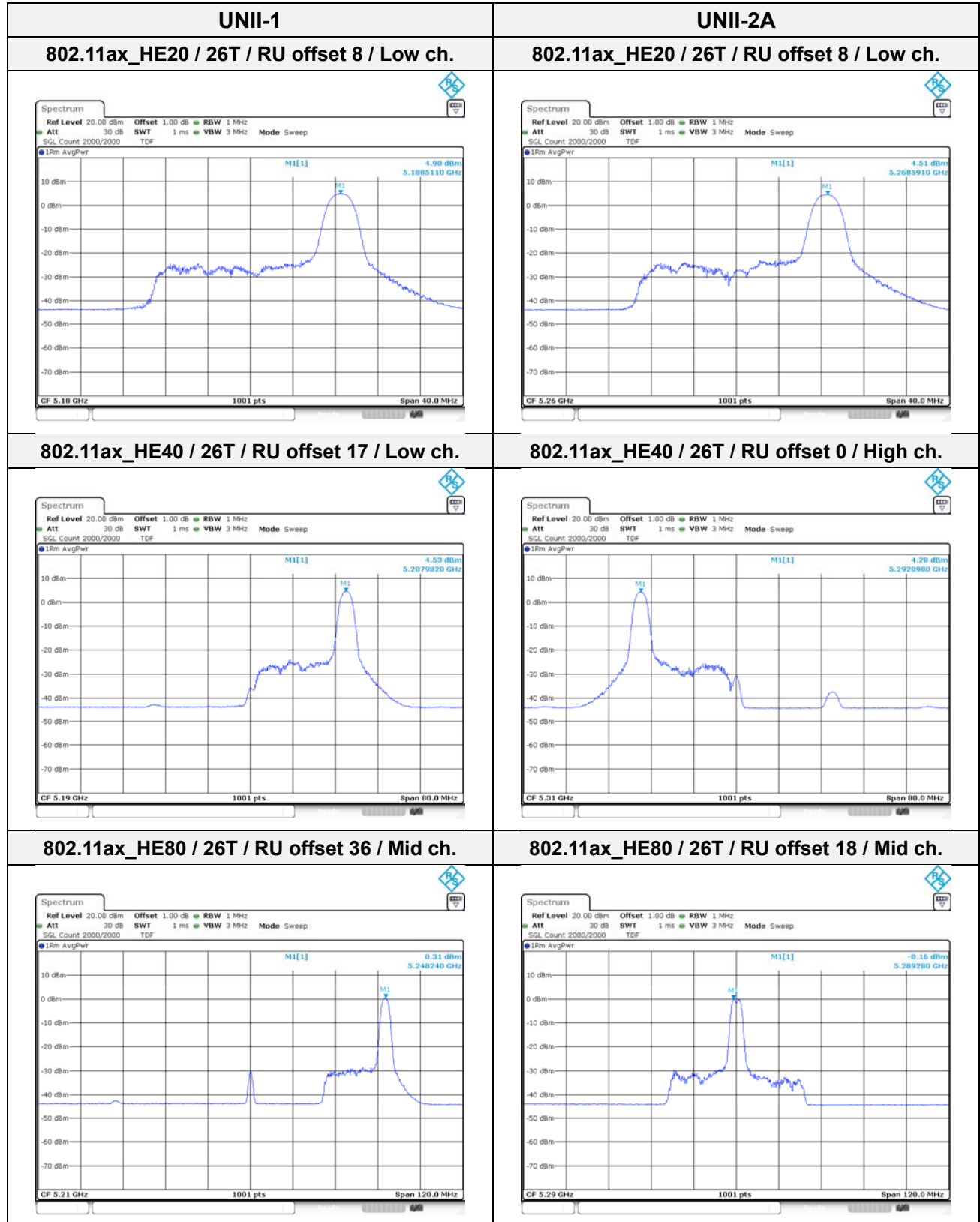


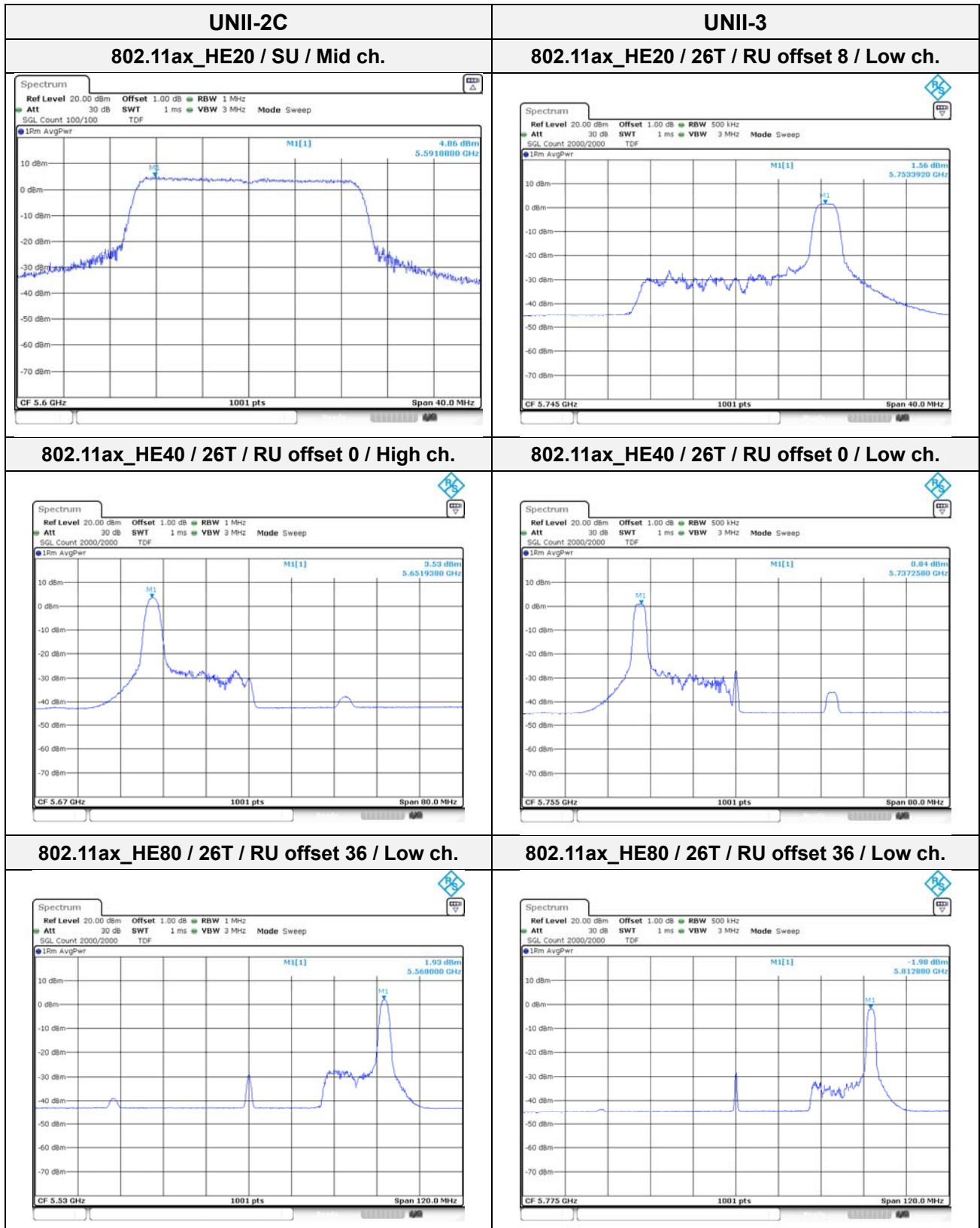
2Tx MIMO_UNII-2C + UNII-3 Band_Straddle



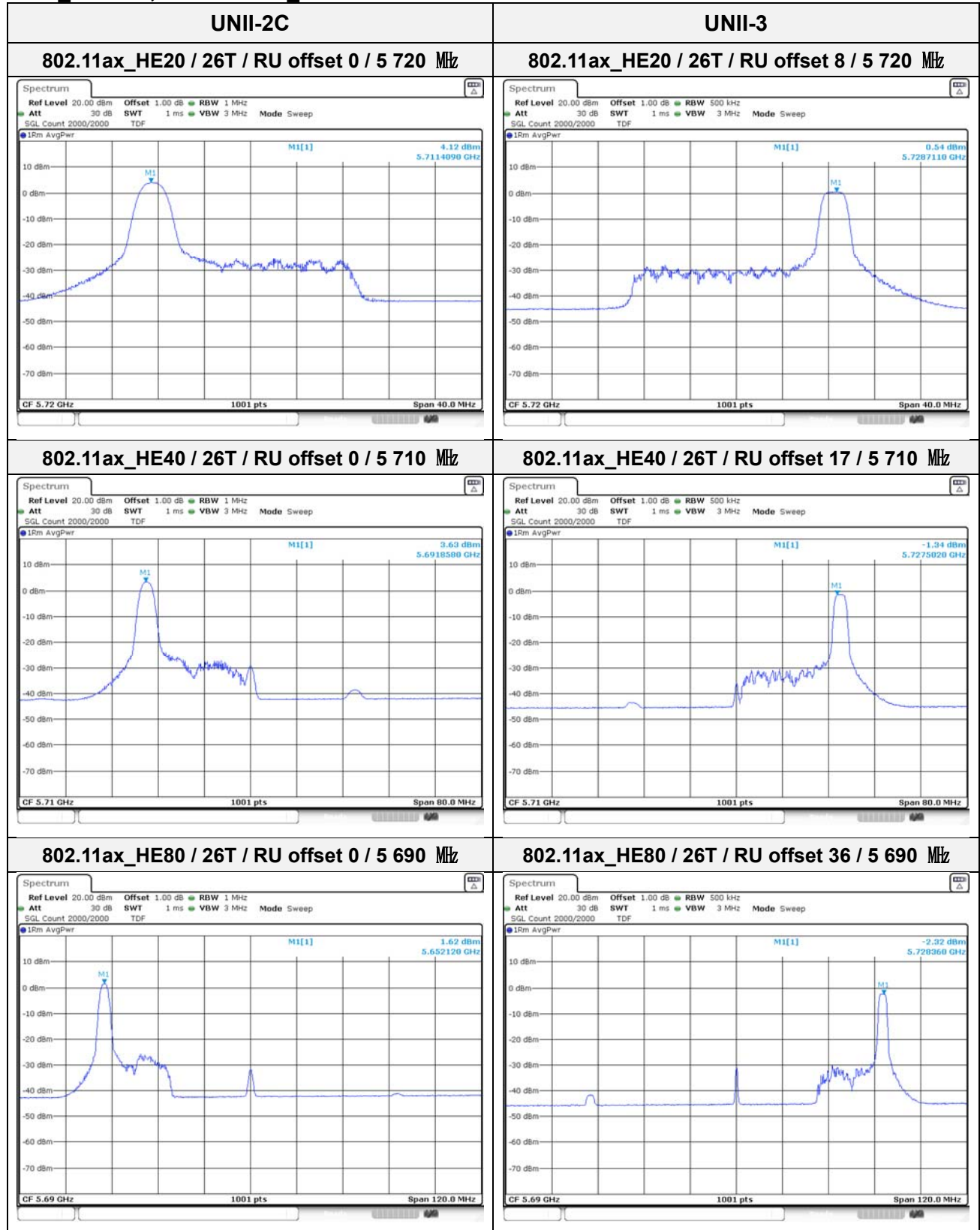
Maximum power spectral density

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

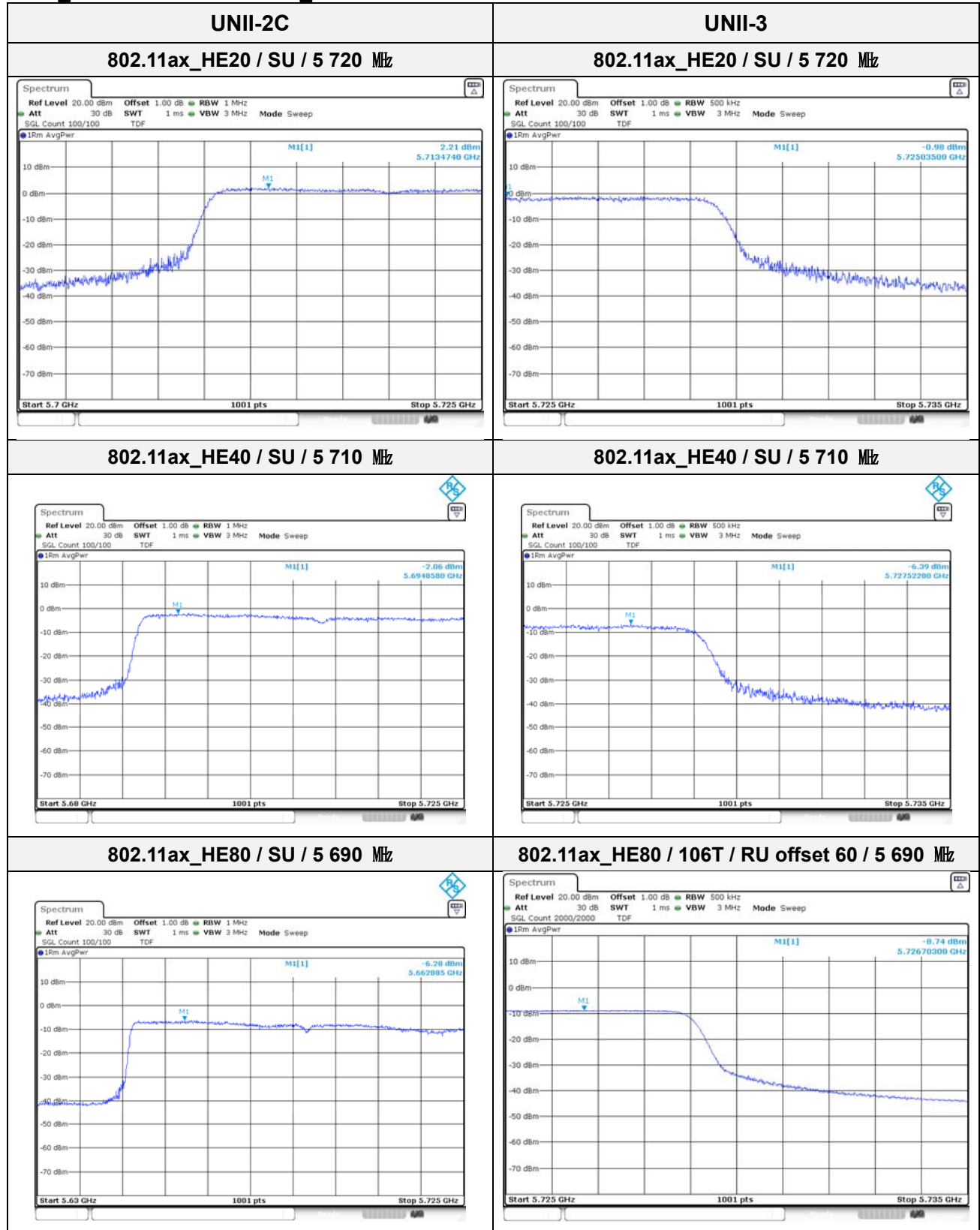




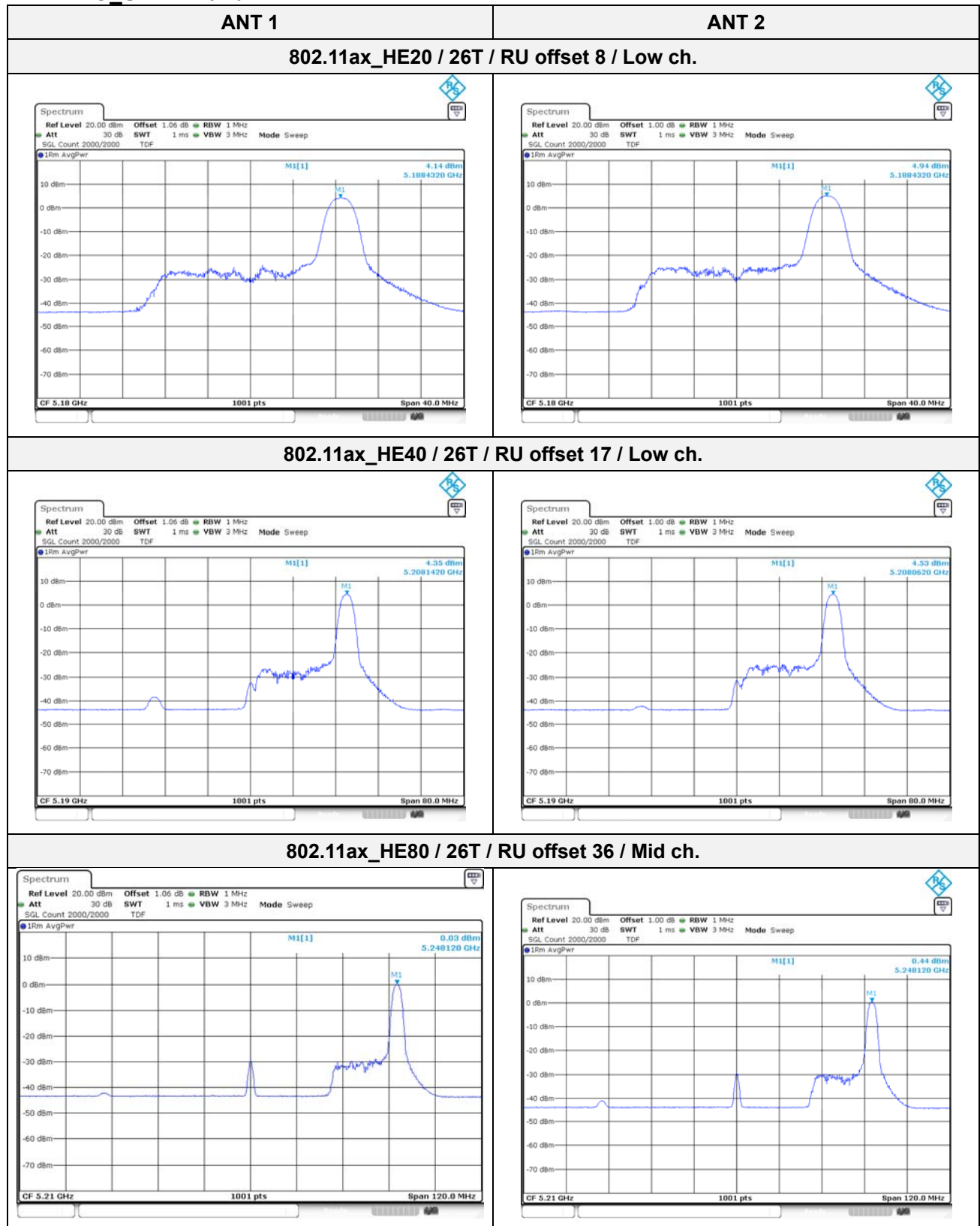
SISO_UNII-2C, UNII-3 Band Straddle



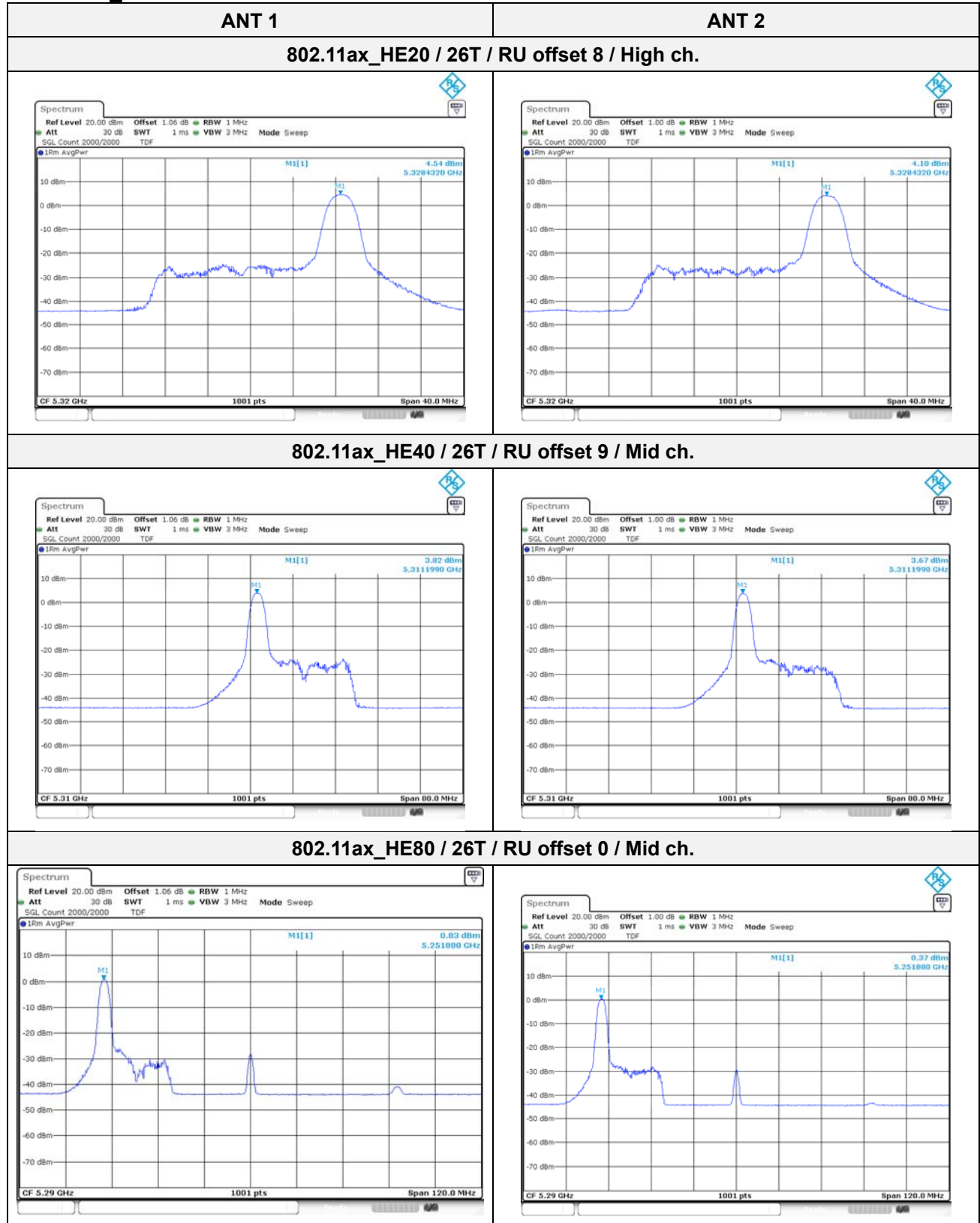
SISO_UNII-2C + UNII-3 Band Straddle



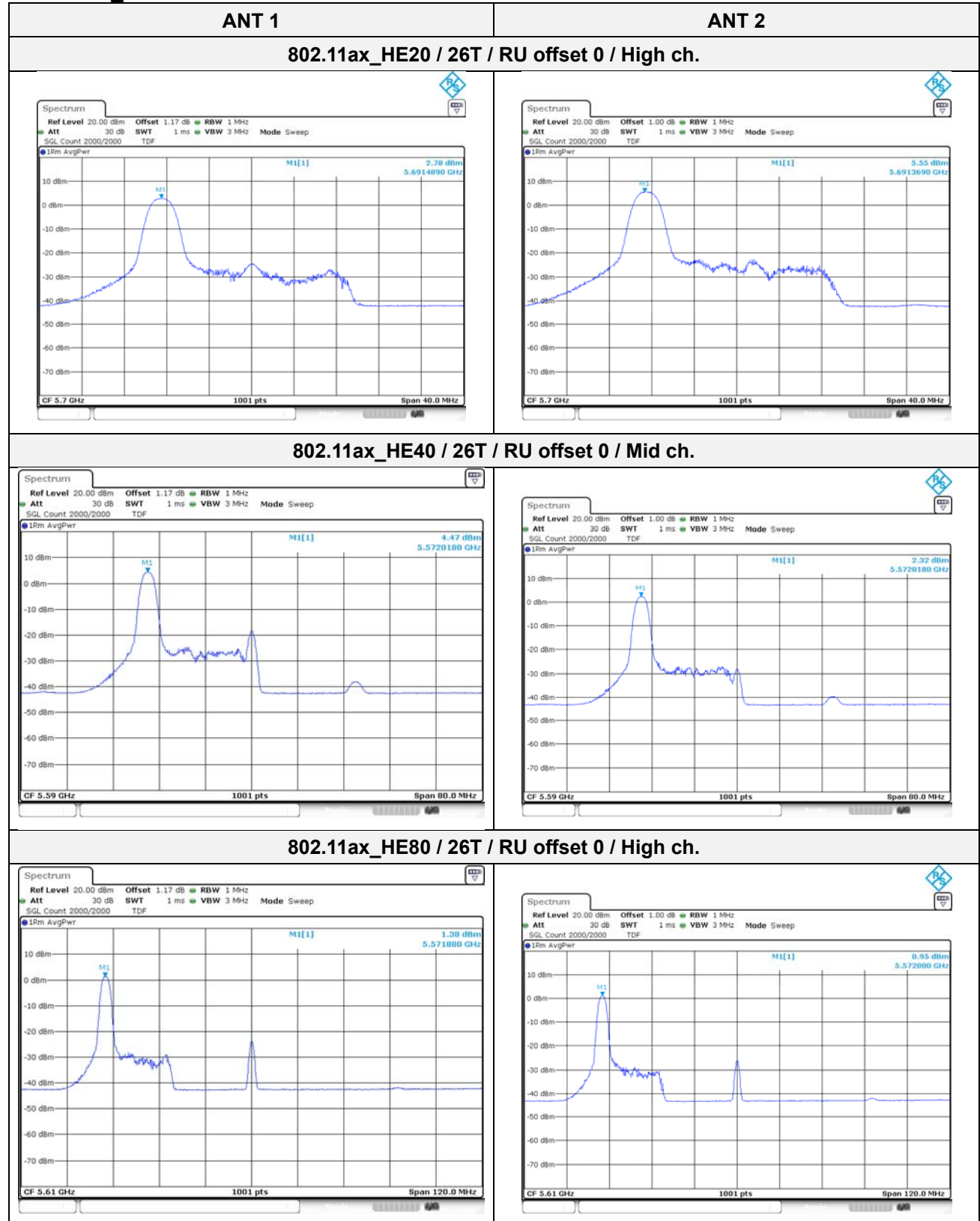
In order to simplify the report, attached plots were the worst case per bandwidth
 2Tx MIMO_UNII-1 Band



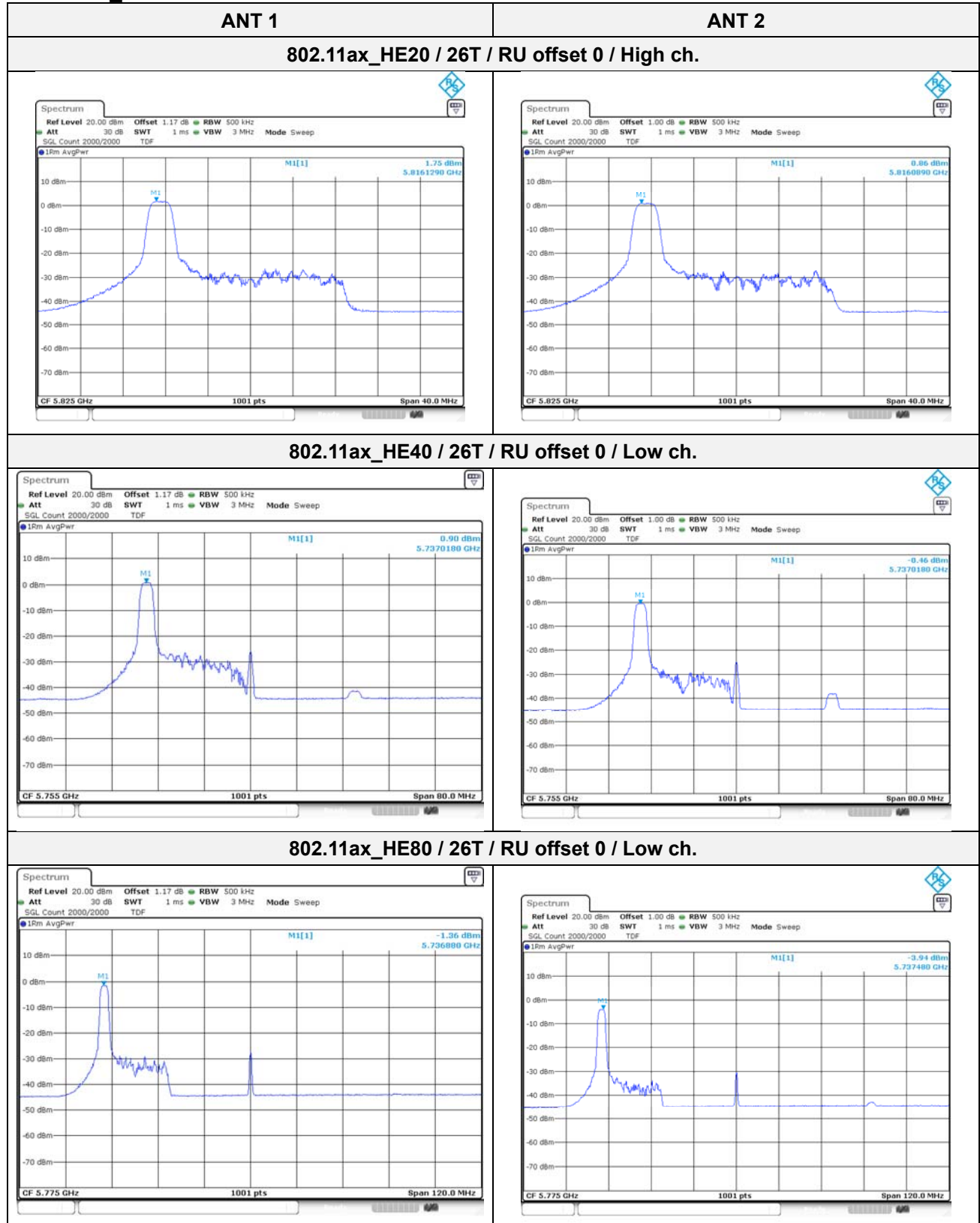
2Tx MIMO_UNII-2A Band



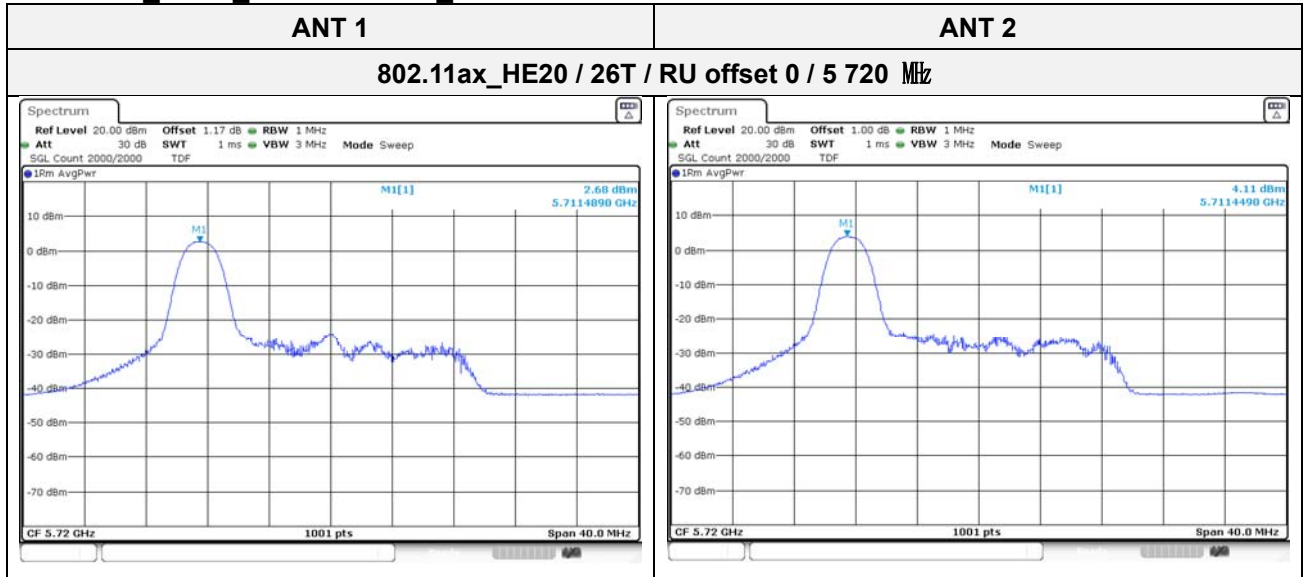
2Tx MIMO_UNII-2C Band



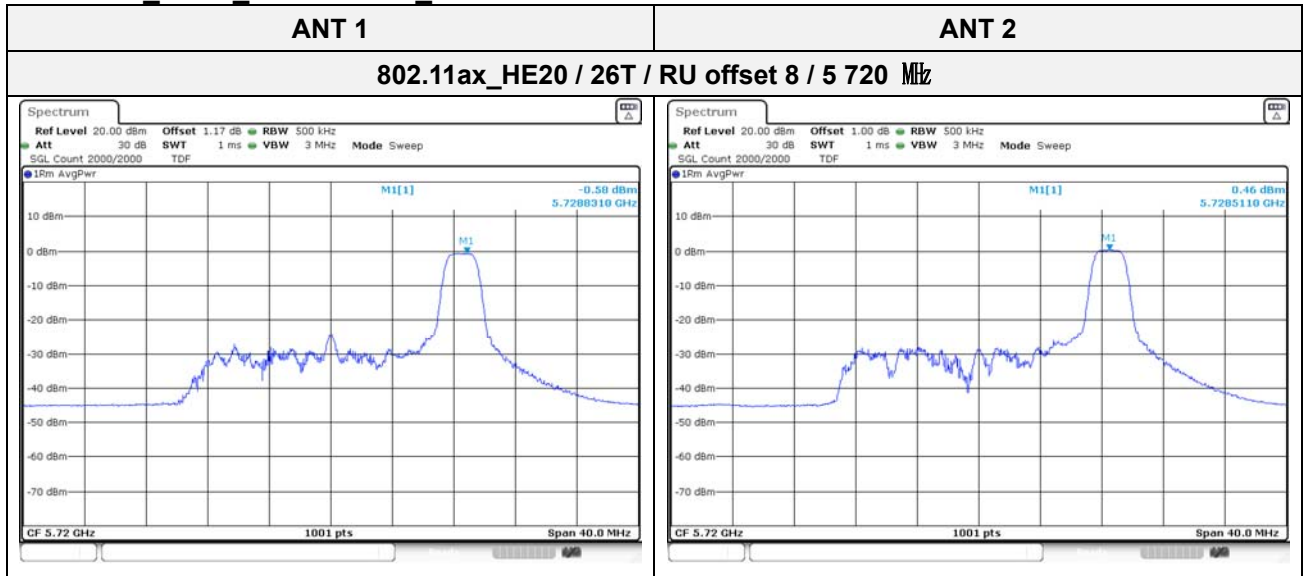
2Tx MIMO_UNII-3 Band



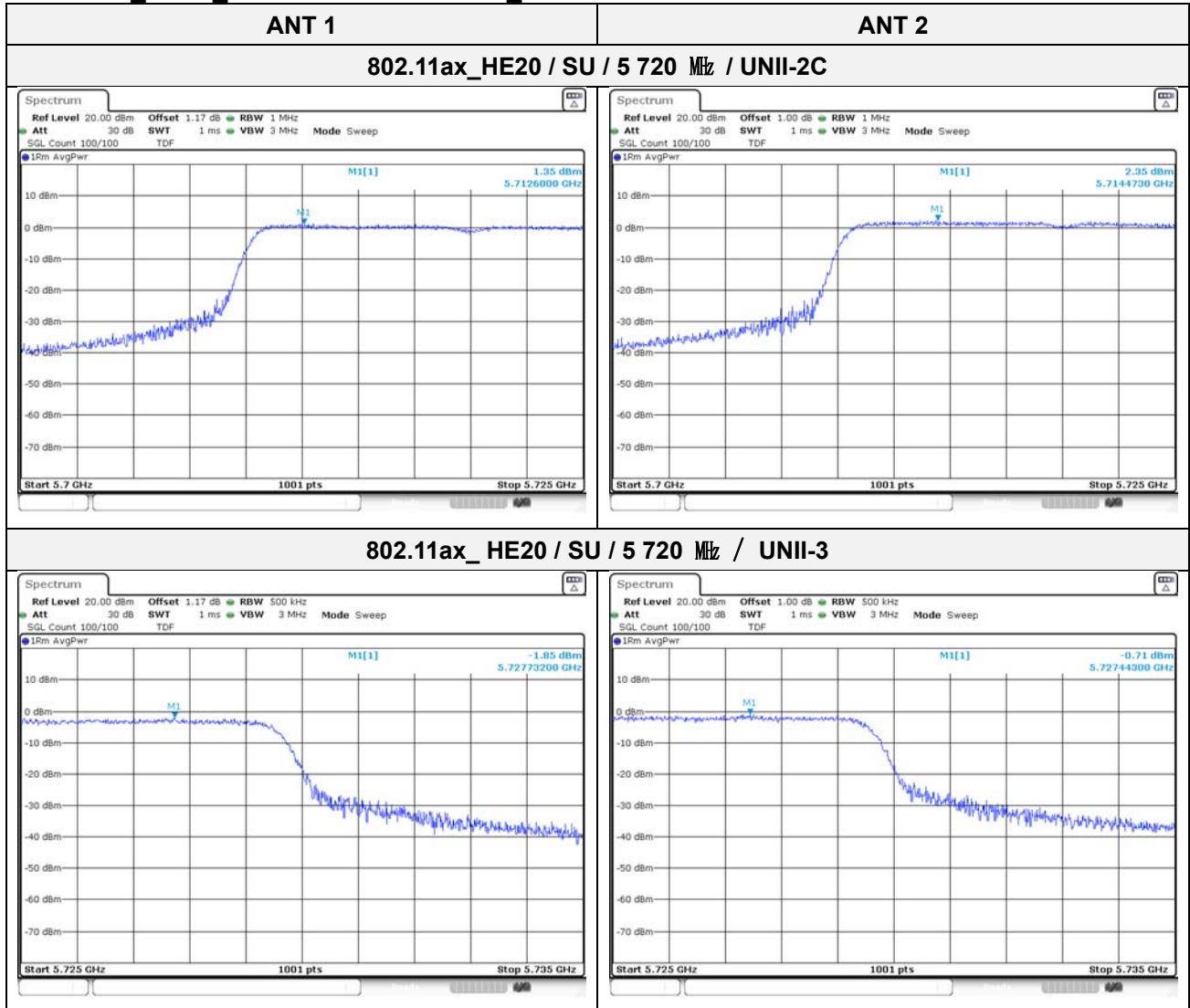
2Tx MIMO_HE20_UNII-2C Band_Straddle



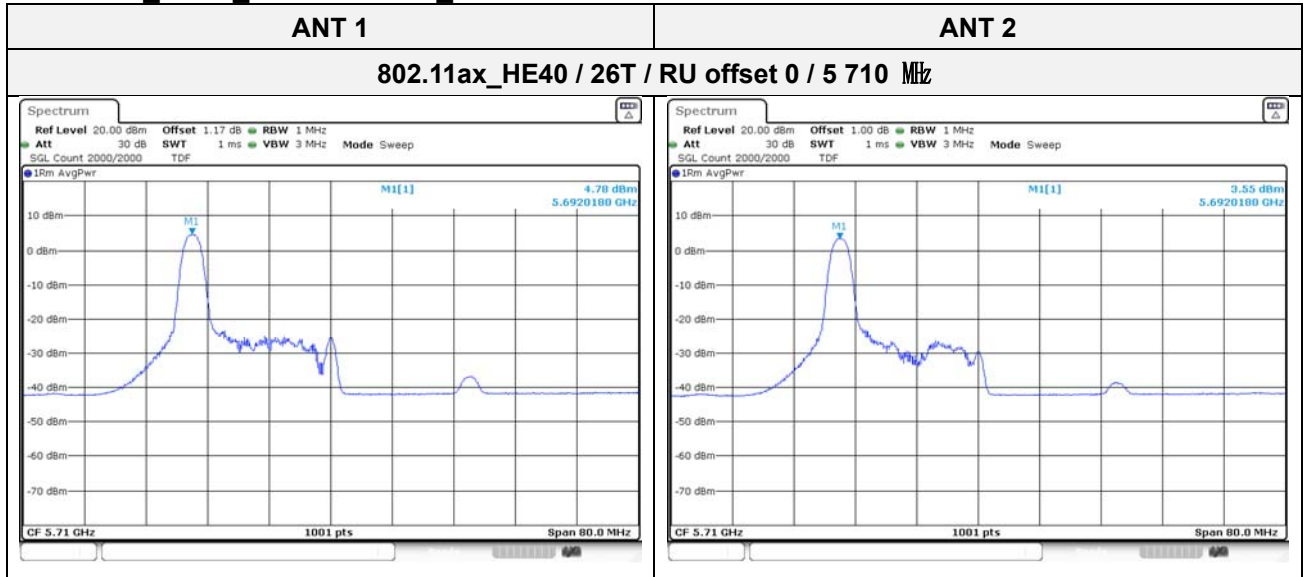
2Tx MIMO_HE20_UNII-3 Band_Straddle



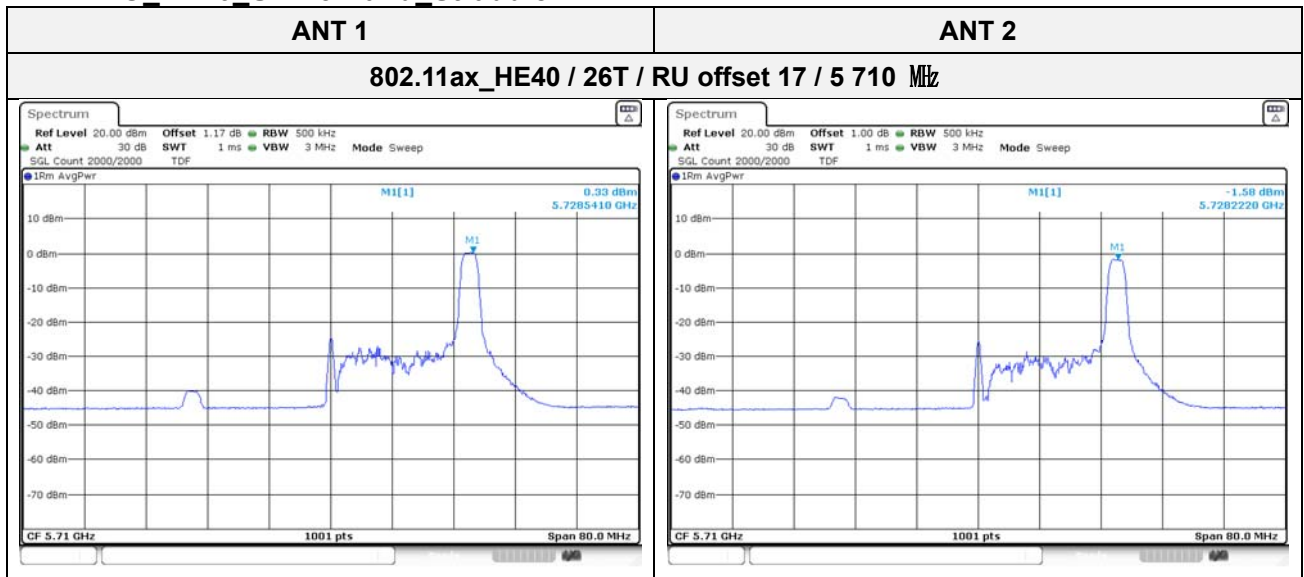
2Tx MIMO_HE20_UNII-2C + UNII-3 Band_Straddle



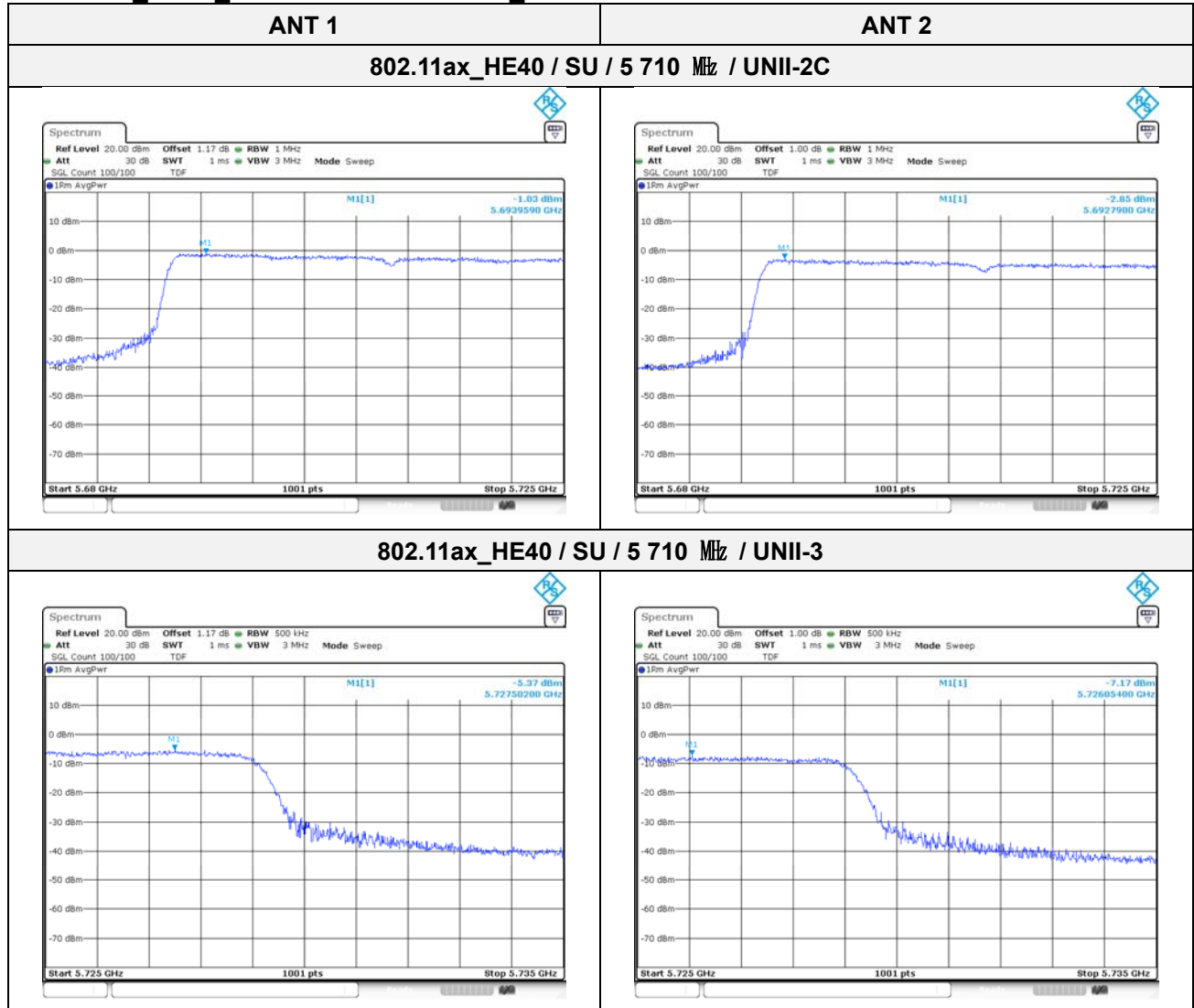
2Tx MIMO_HE40_UNII-2C Band Straddle



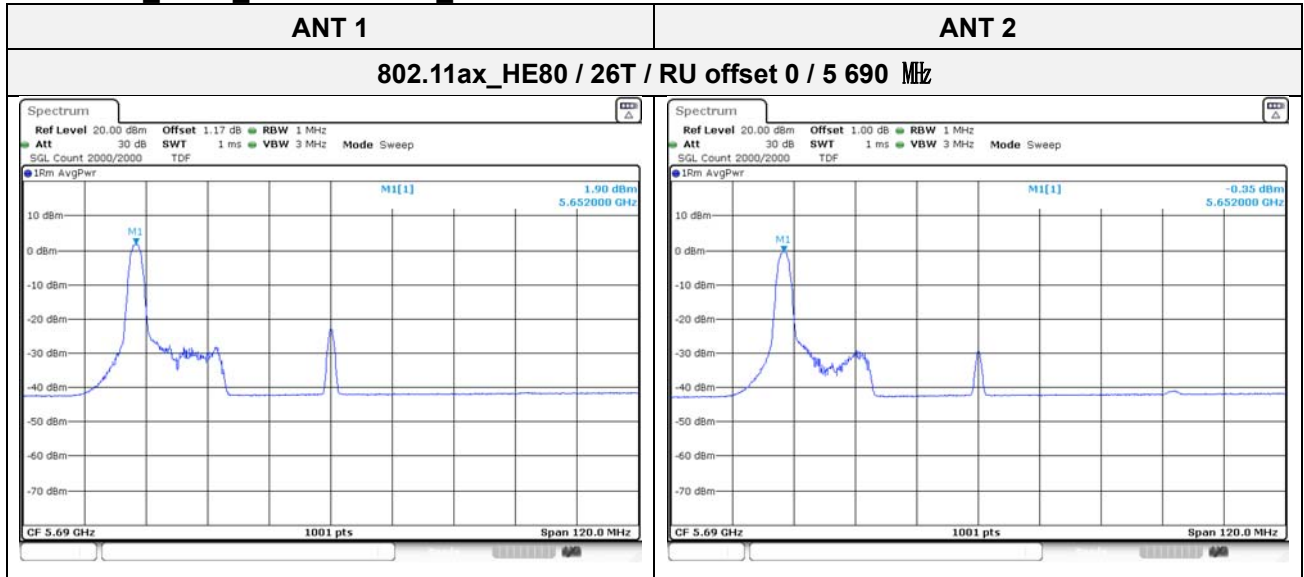
2Tx MIMO_HE40_UNII-3 Band Straddle



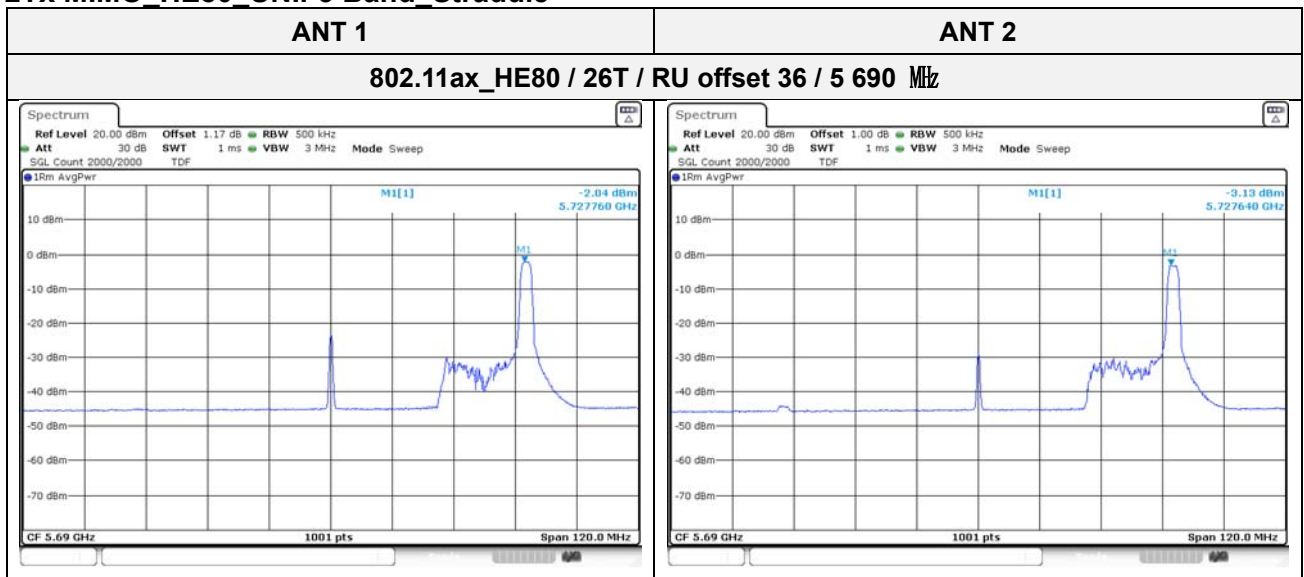
2Tx MIMO_HE40_UNII-2C + UNII-3 Band_Straddle



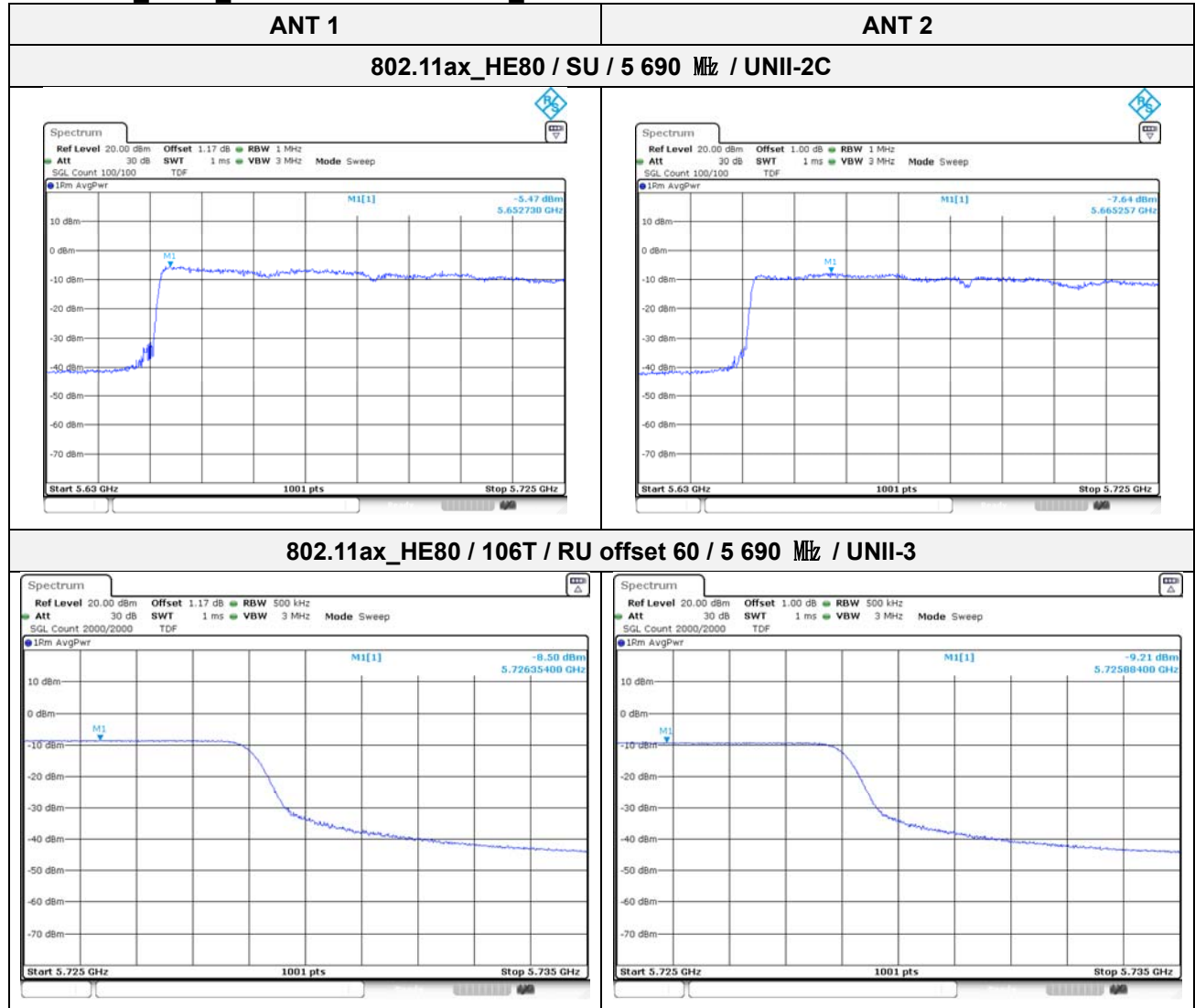
2Tx MIMO_HE80_UNII-2C Band Straddle



2Tx MIMO_HE80_UNII-3 Band Straddle



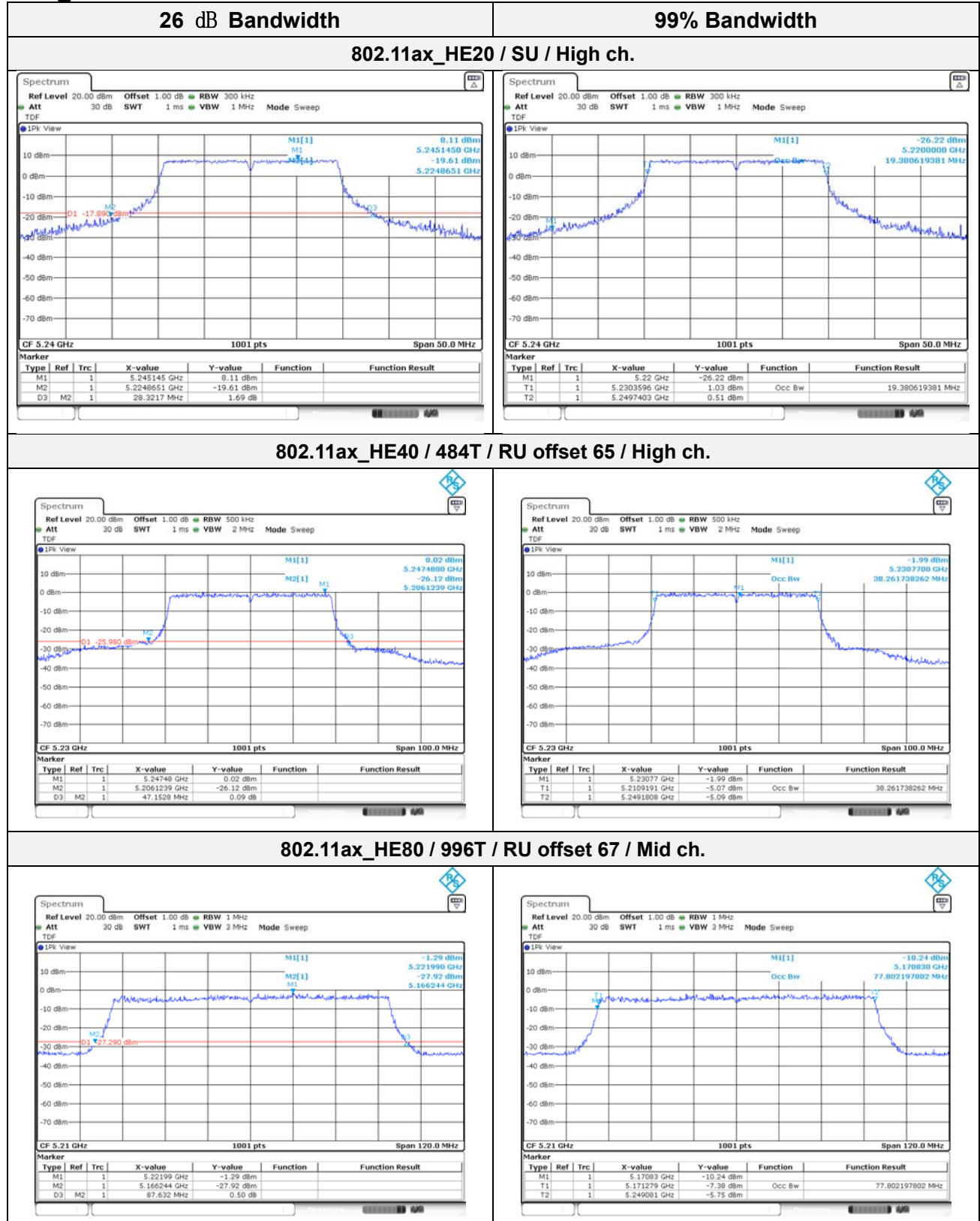
2Tx MIMO_HE80_UNII-2C + UNII 3 Band_Straddle



26 dB Bandwidth & 99% Bandwidth

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

SISO_UNII-1 Band

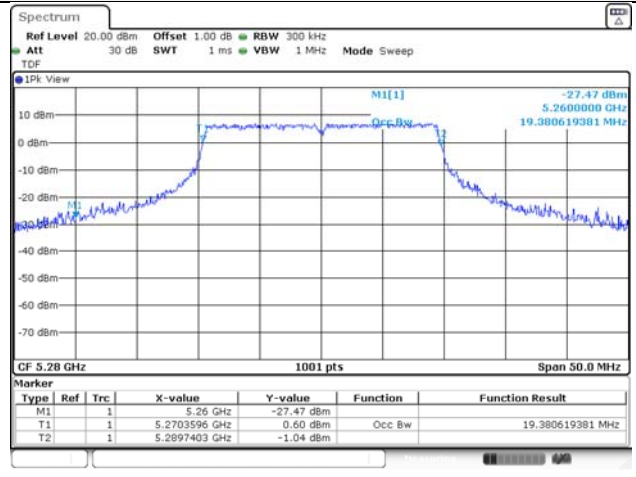
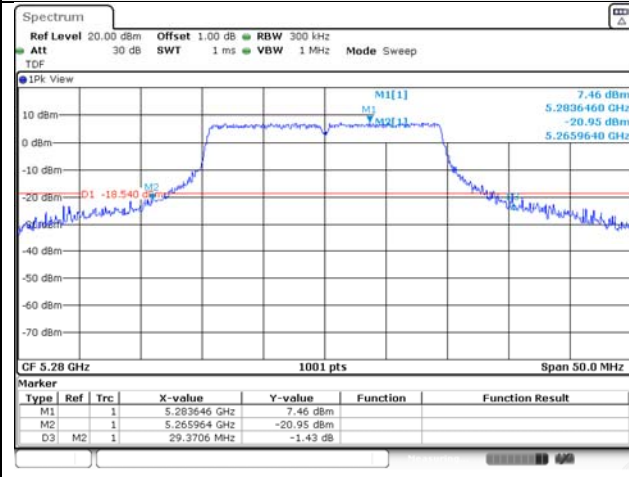


SISO_UNII-2A Band

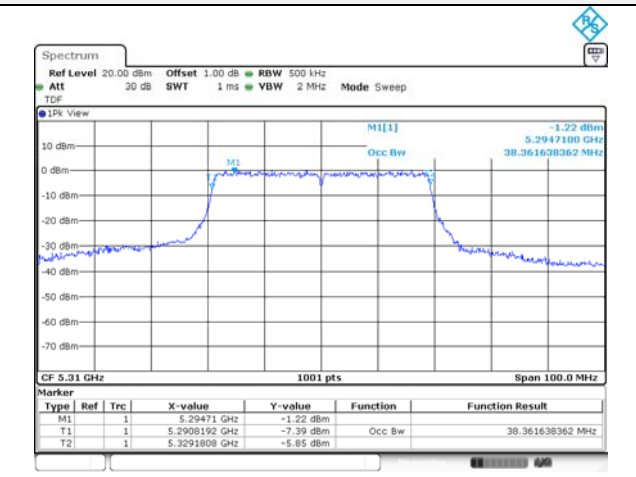
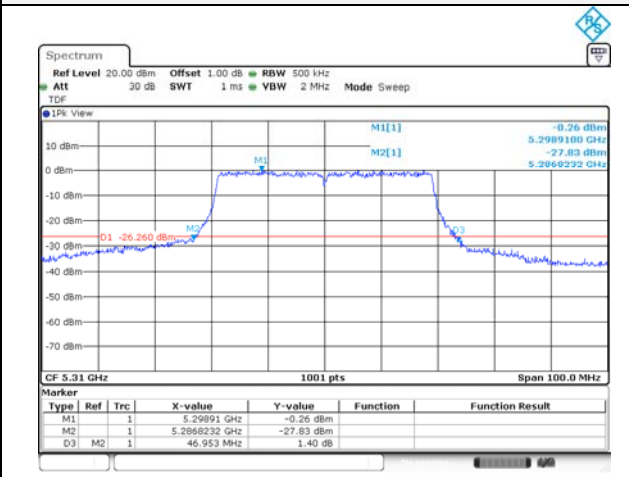
26 dB Bandwidth

99% Bandwidth

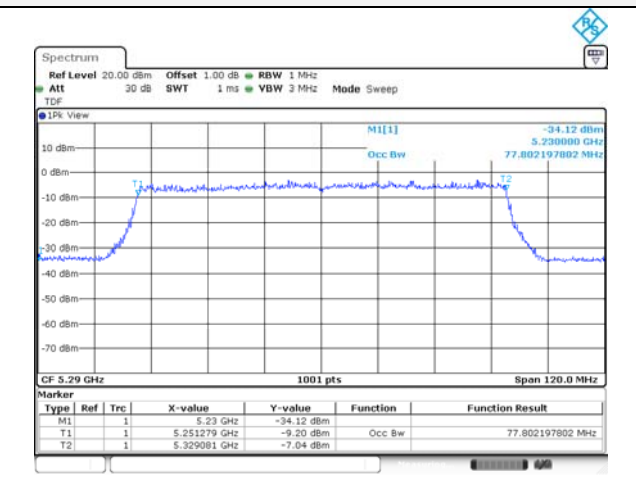
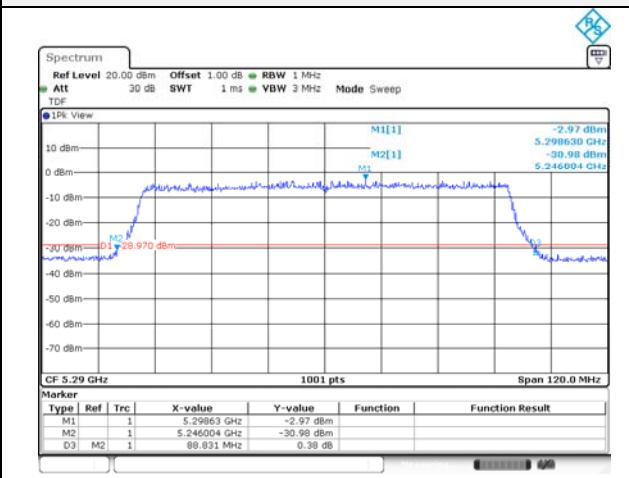
802.11ax_HE20 / SU / Mid ch.



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



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

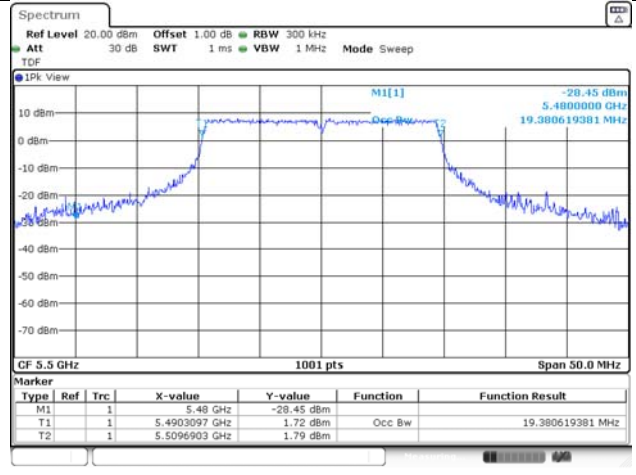
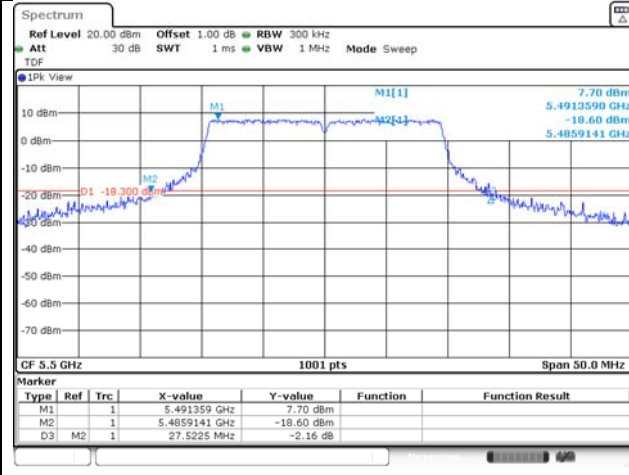


SISO_UNII-2C Band

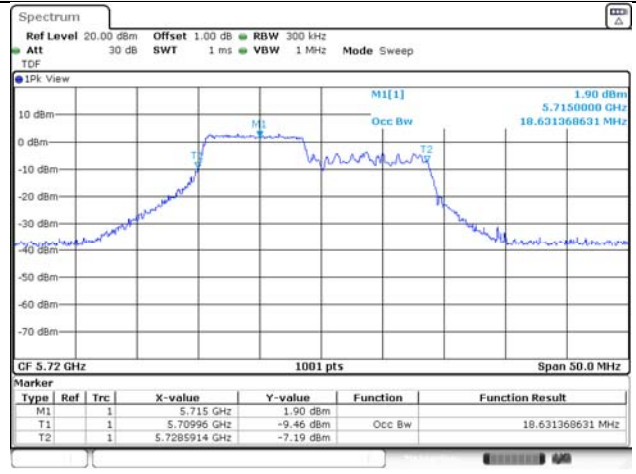
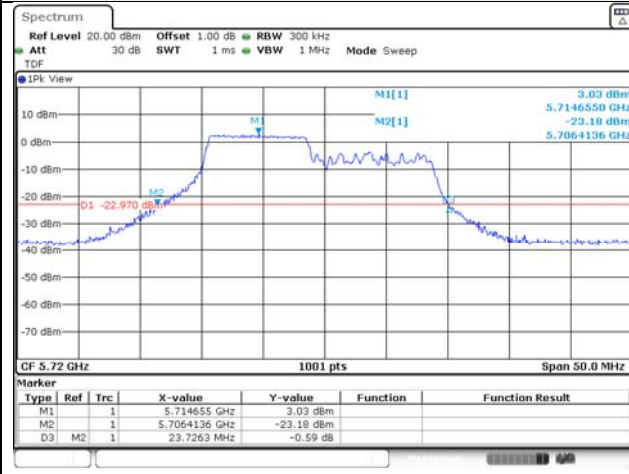
26 dB Bandwidth

99% Bandwidth

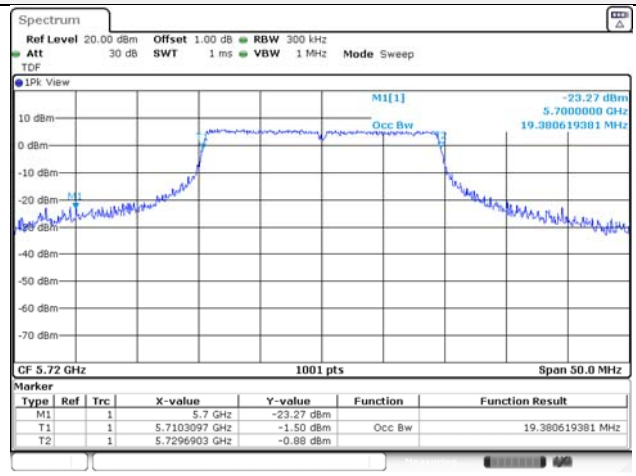
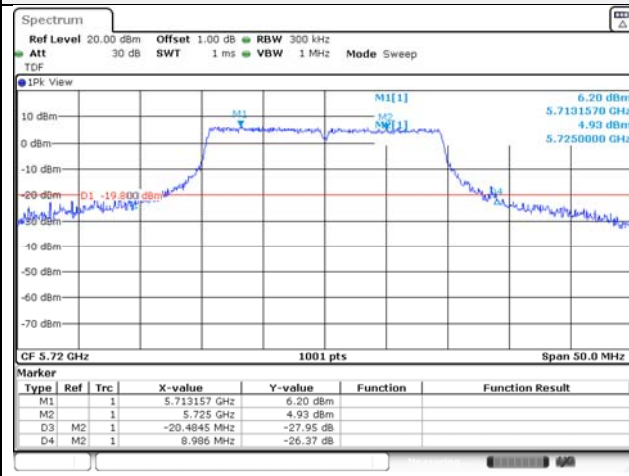
802.11ax_HE20 / SU / Low ch.



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



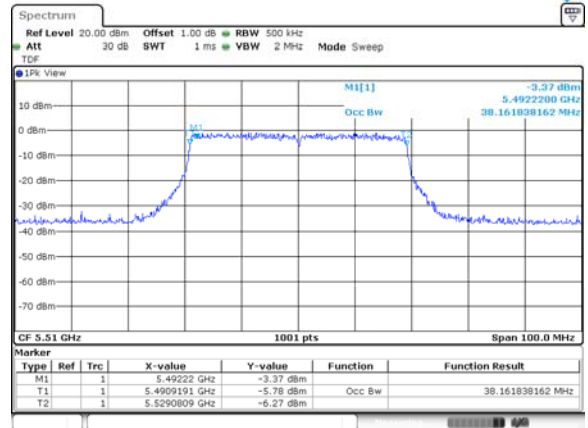
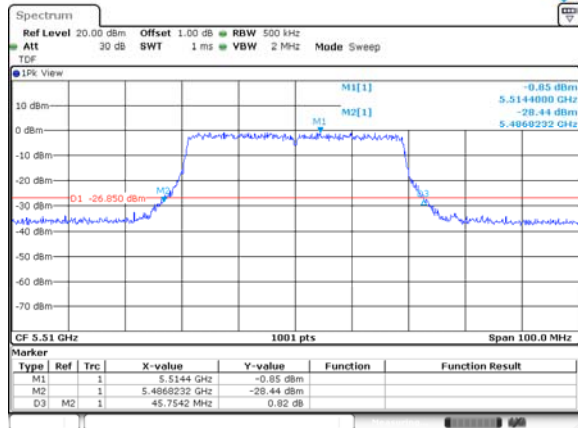
802.11ax_HE20 / SU / Straddle ch.



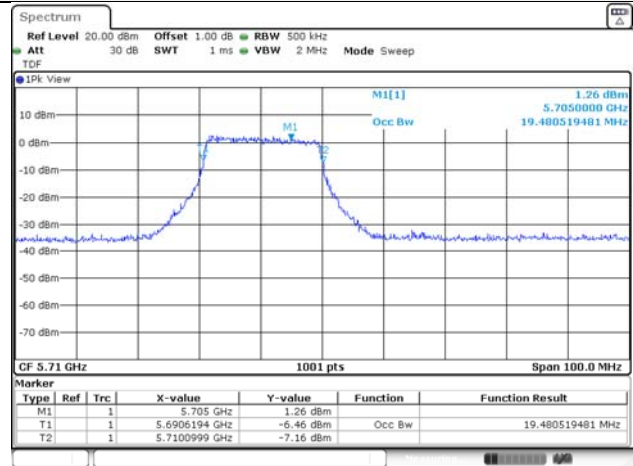
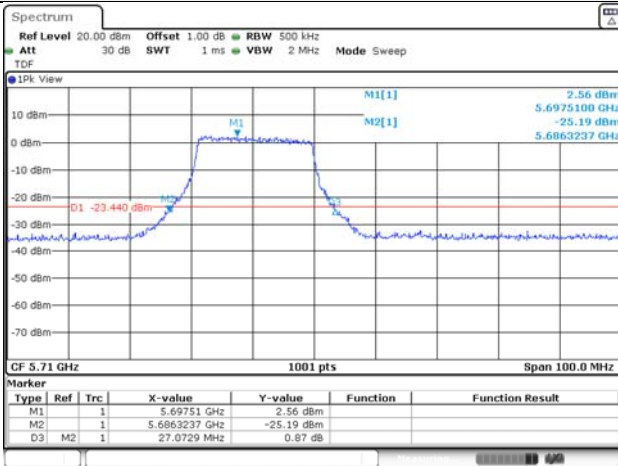
26 dB Bandwidth

99% Bandwidth

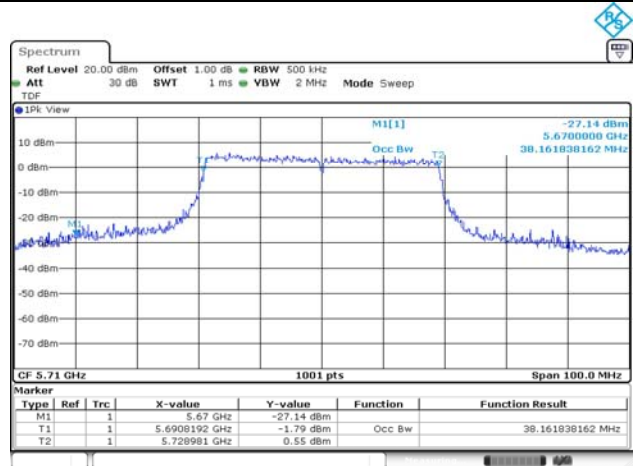
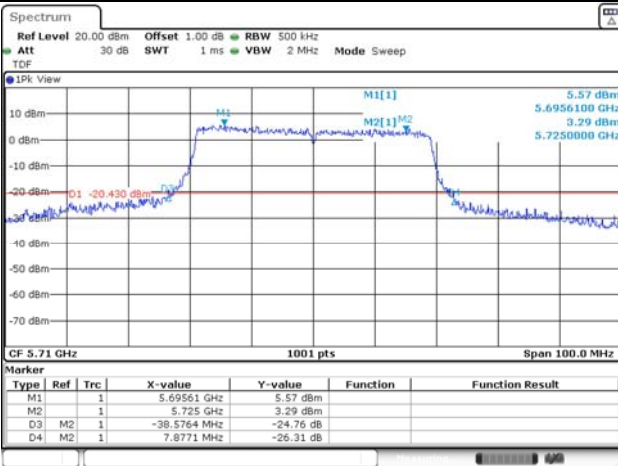
802.11ax_HE40 / 484T / RU offset 65 / Low ch.



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



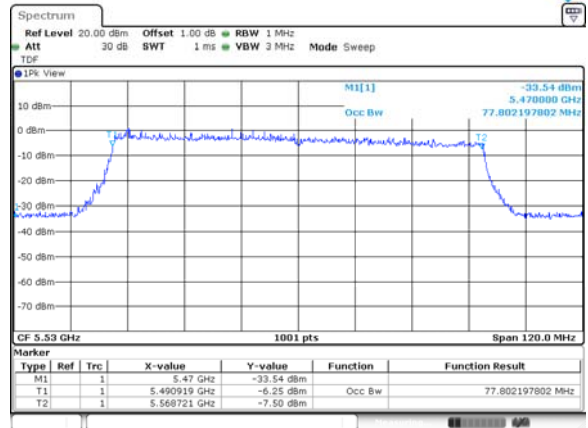
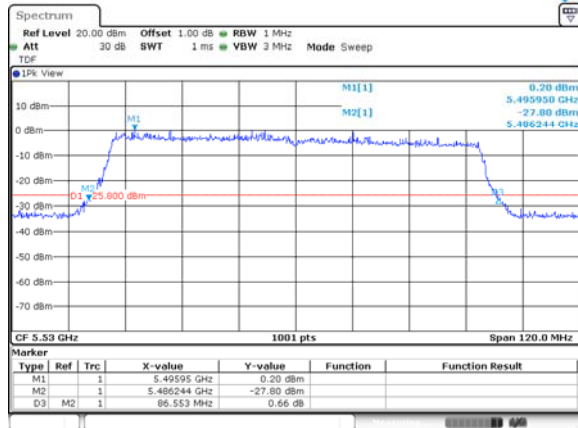
802.11ax_HE40 / SU / Straddle ch.



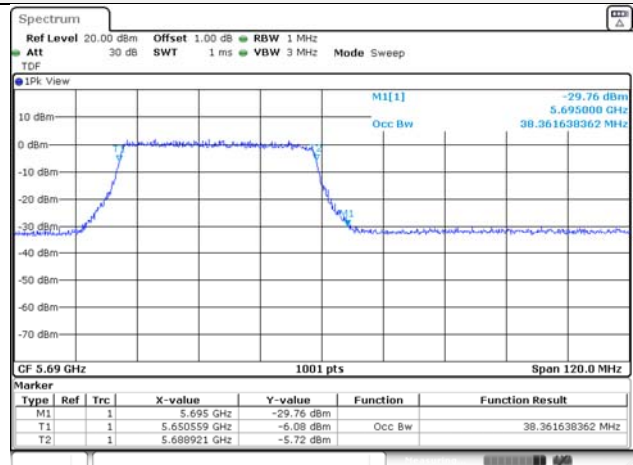
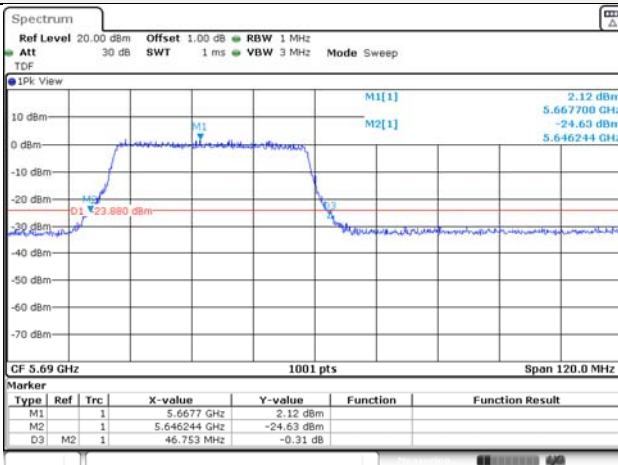
26 dB Bandwidth

99% Bandwidth

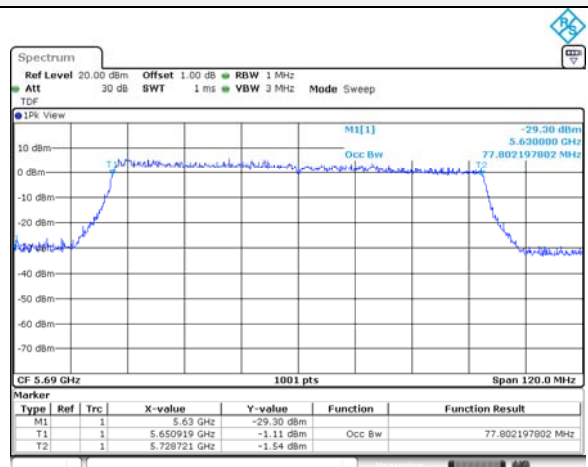
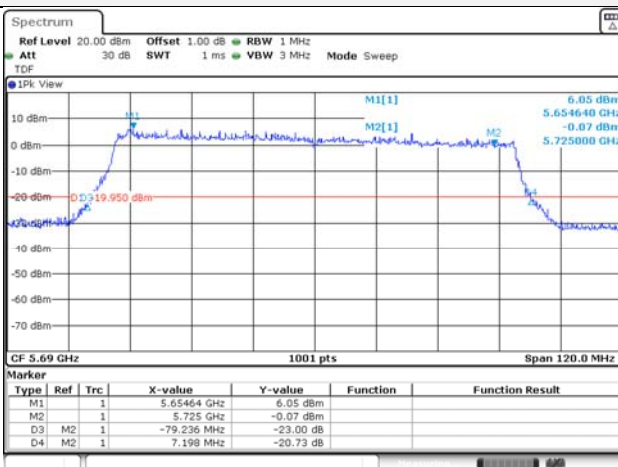
802.11ax_HE80 / 996T / RU offset 67 / Low ch.



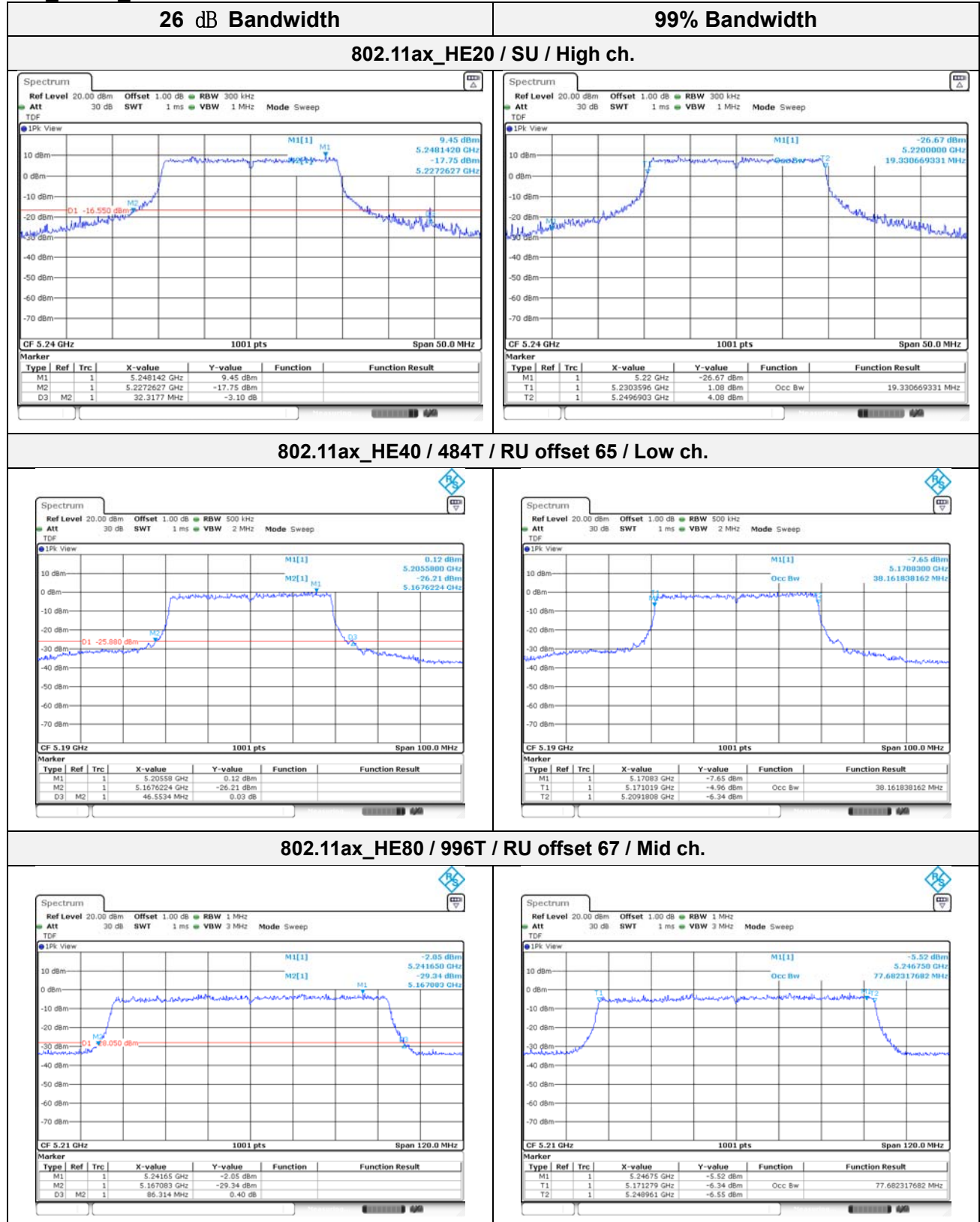
802.11ax_HE80 / 484T / RU offset 65 / Straddle ch.



802.11ax_HE80 / SU / Straddle ch.



In order to simplify the report, attached plots were the worst case of MIMO ANT 2.
 For 99% Bandwidth, It was also based on 26 dB Bandwidth's worst scenario
 2TX_MIMO_UNII-1 Band

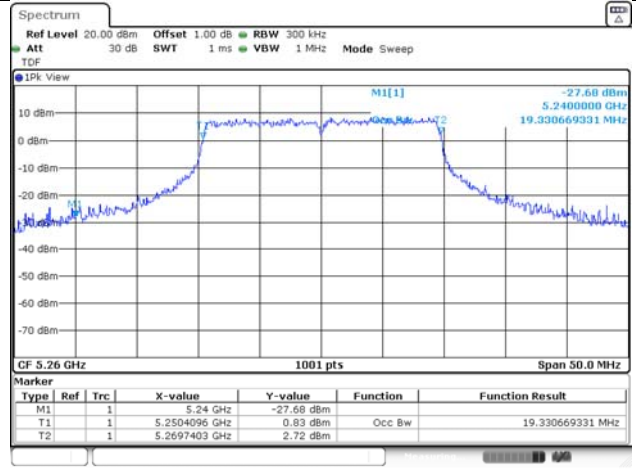
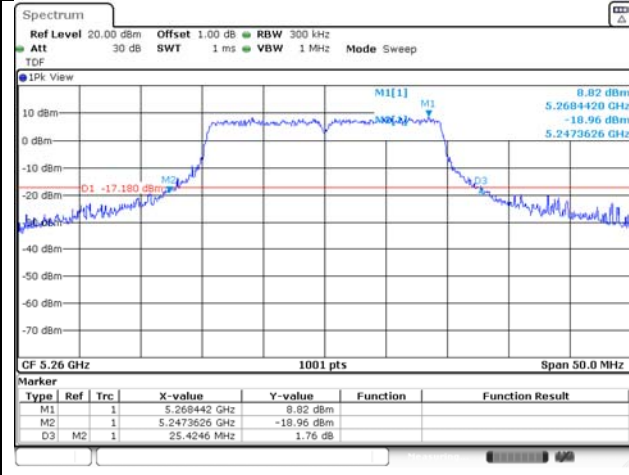


2TX_MIMO_UNII-2A Band

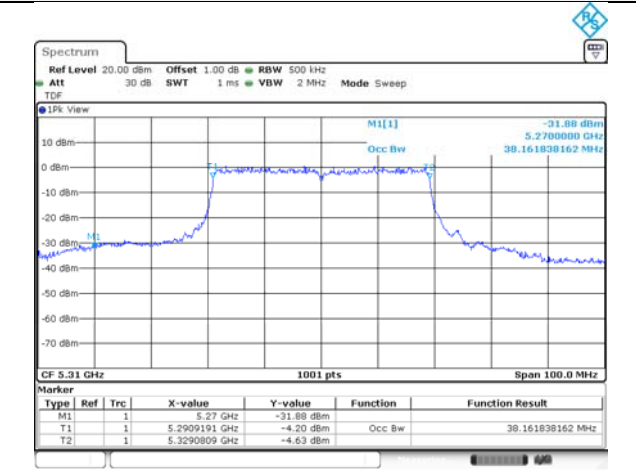
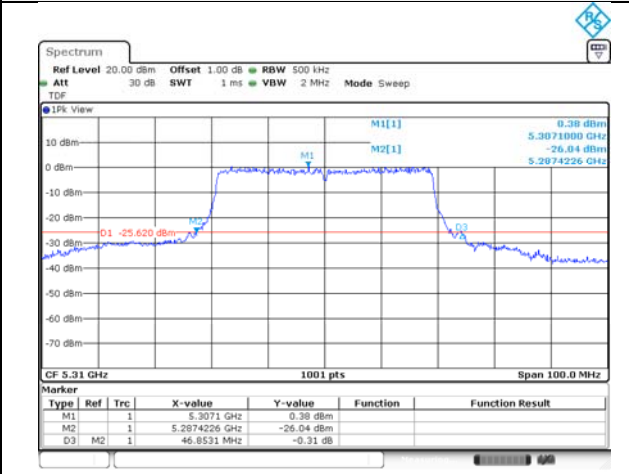
26 dB Bandwidth

99% Bandwidth

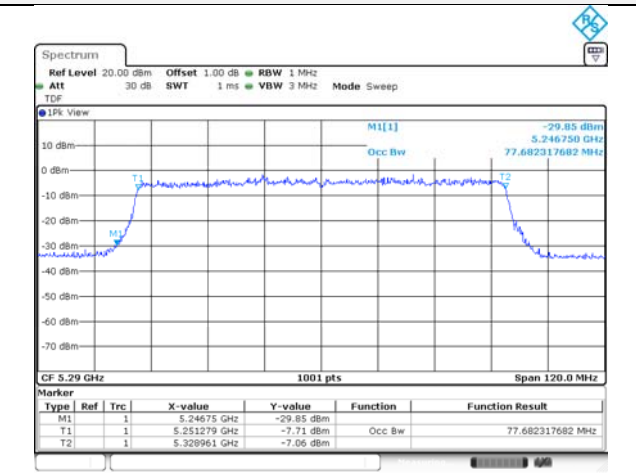
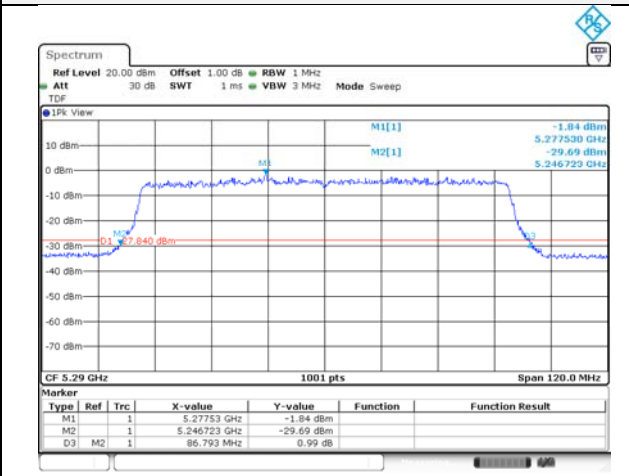
802.11ax_HE20 / SU / Low ch.



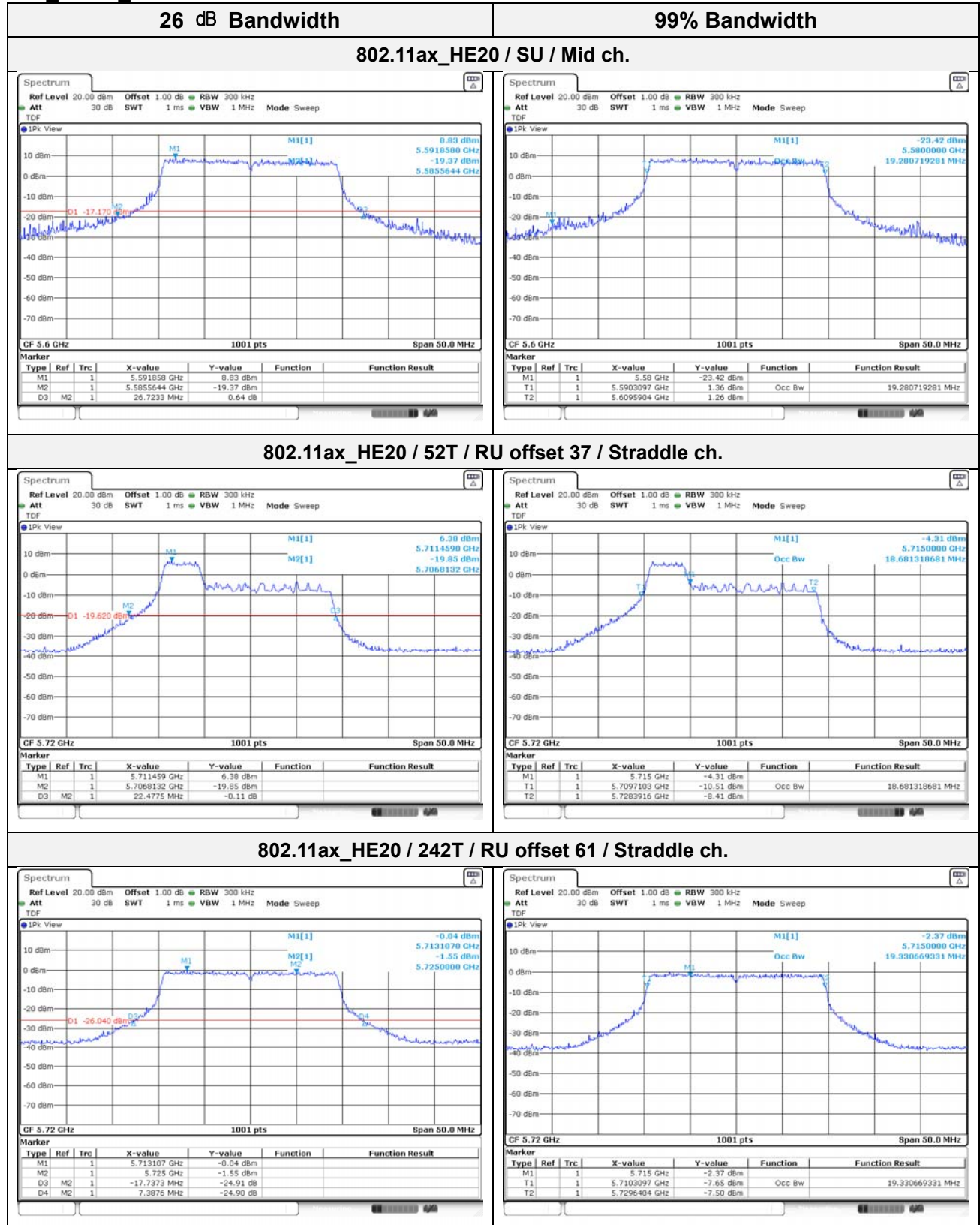
802.11ax_HE40 / 484T / RU offset 65 / High ch.



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



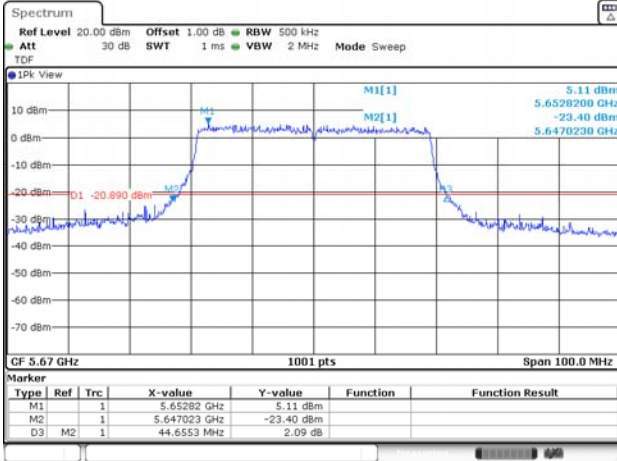
2TX_MIMO_UNII-2C Band



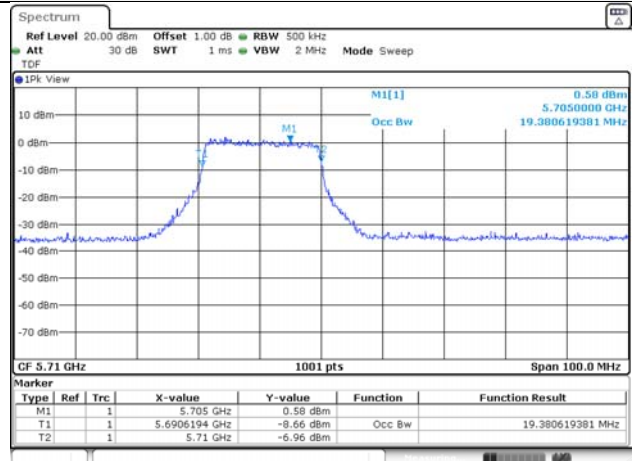
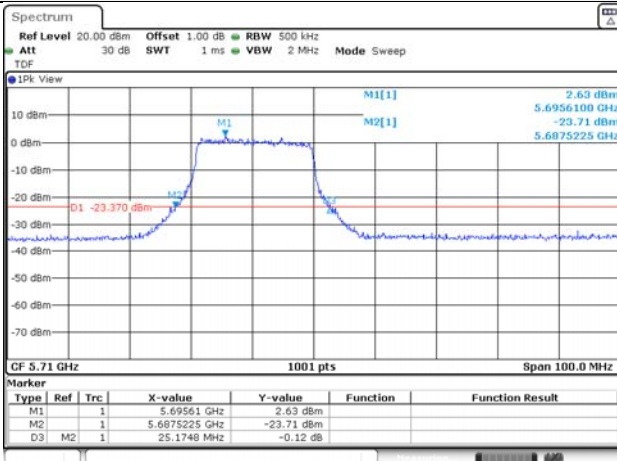
26 dB Bandwidth

99% Bandwidth

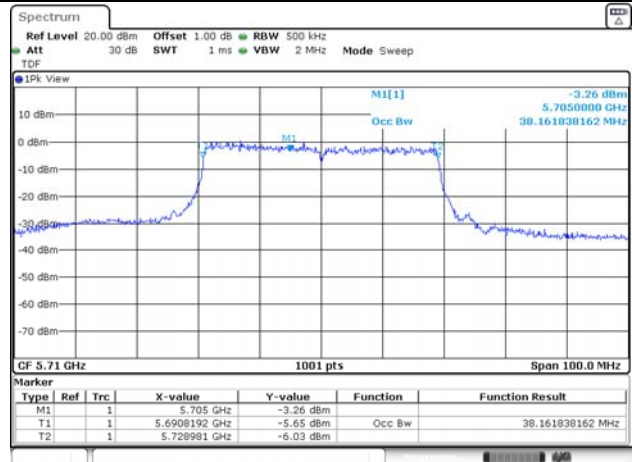
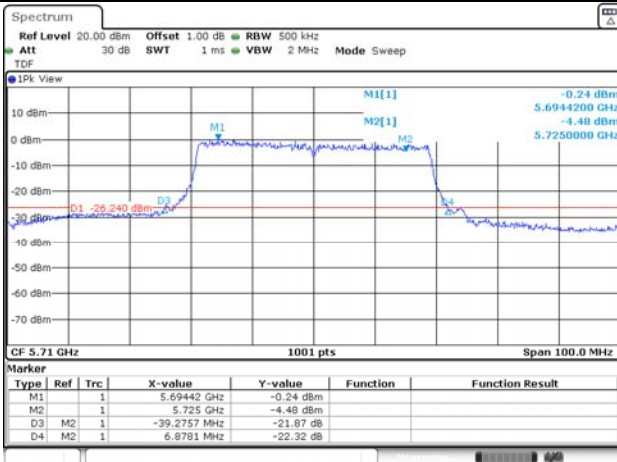
802.11ax_HE40 / SU / High ch.



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



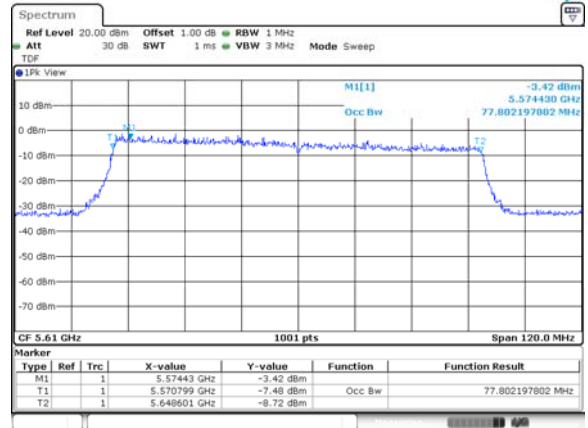
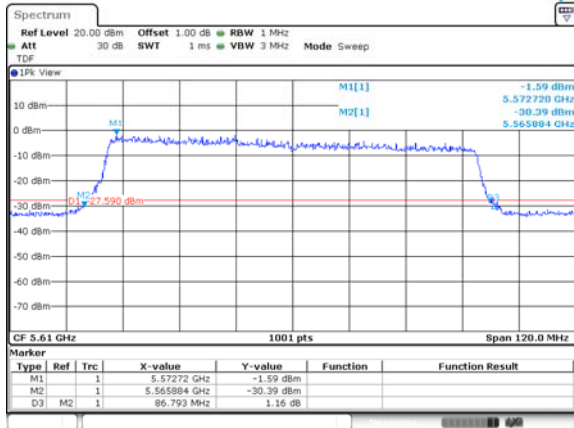
802.11ax_HE40 / 484T / RU offset 65 / Straddle ch.



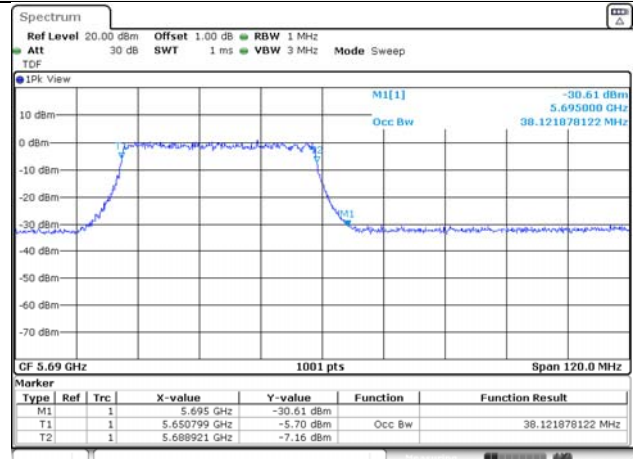
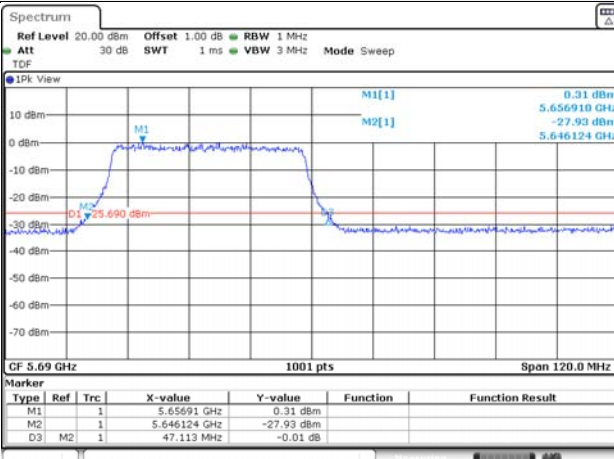
26 dB Bandwidth

99% Bandwidth

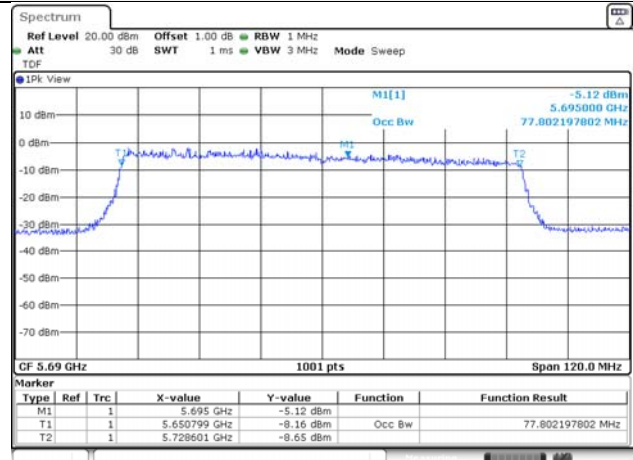
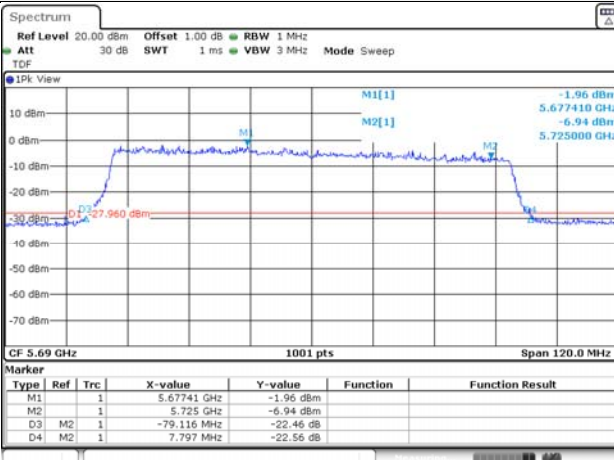
802.11ax_HE80 / 996T / RU offset 67 / High ch.



802.11ax_HE80 / 484T / RU offset 65 / Straddle ch.



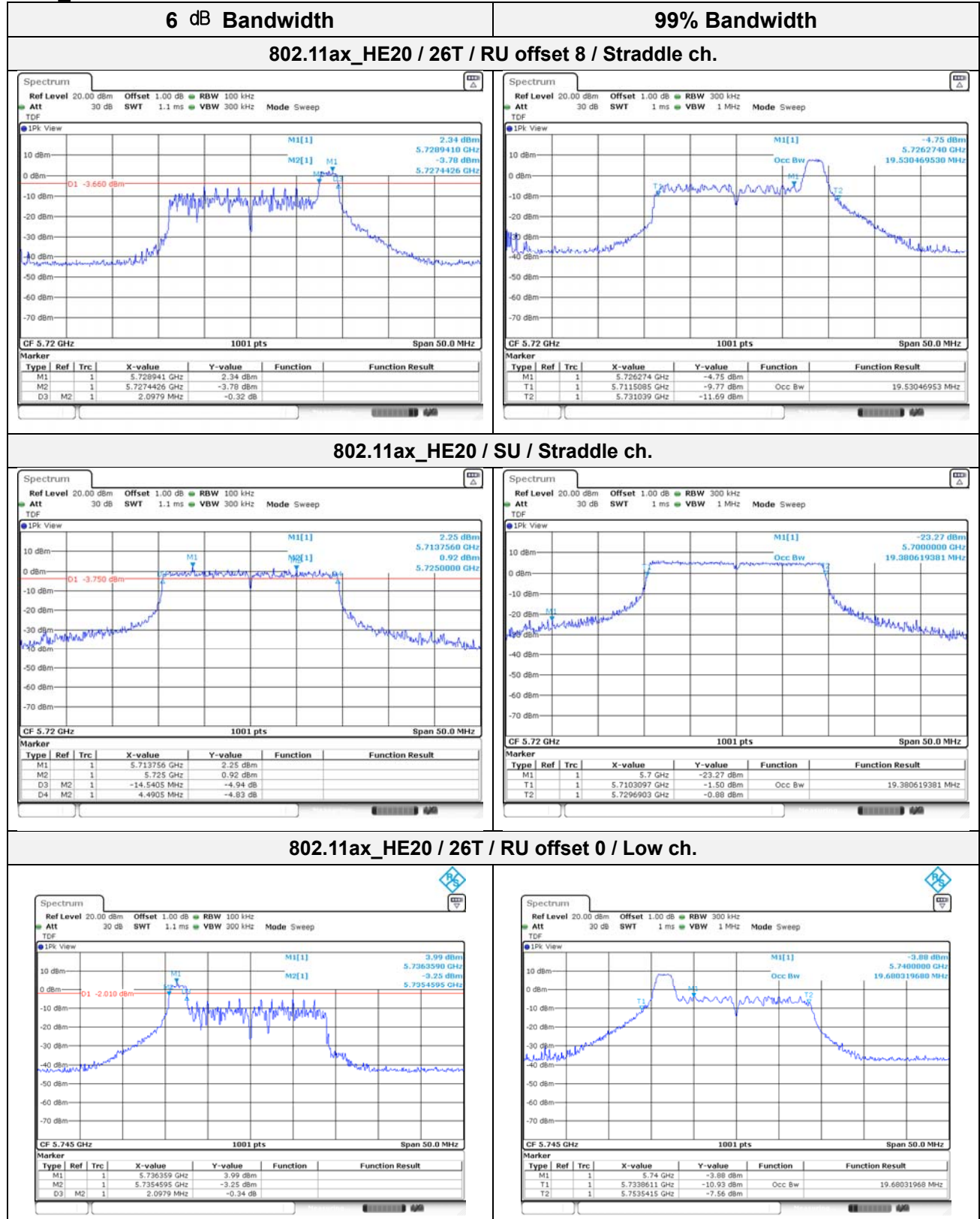
802.11ax_HE80 / 996T / RU offset 67 / Straddle ch.



6 dB Bandwidth & 99% Bandwidth

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

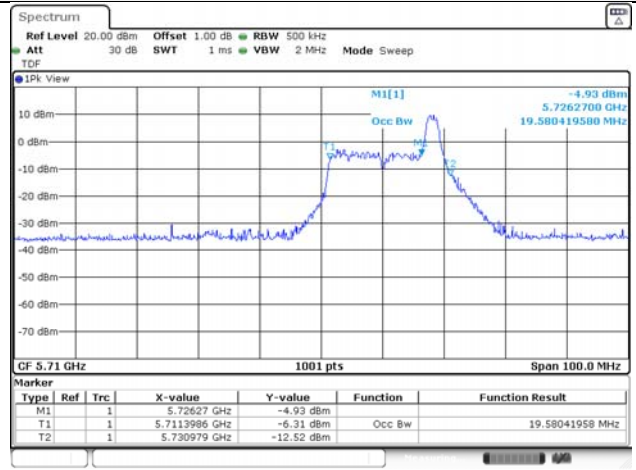
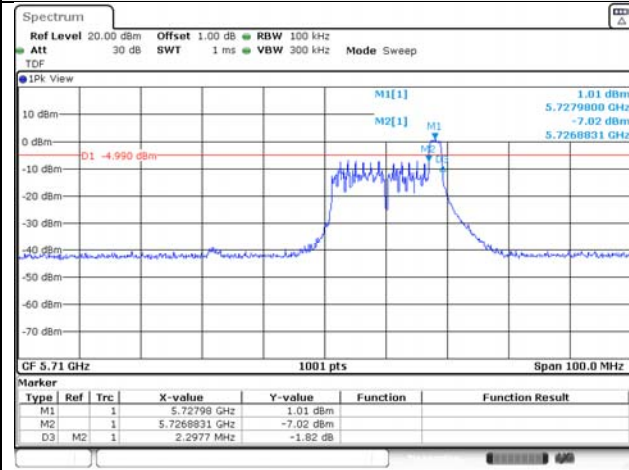
SISO_UNII-3 Band



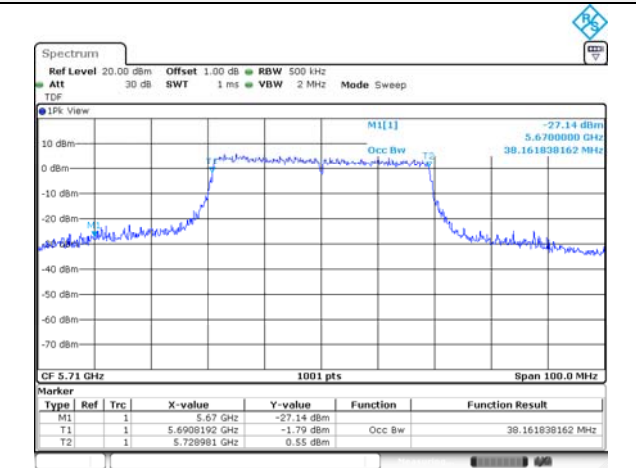
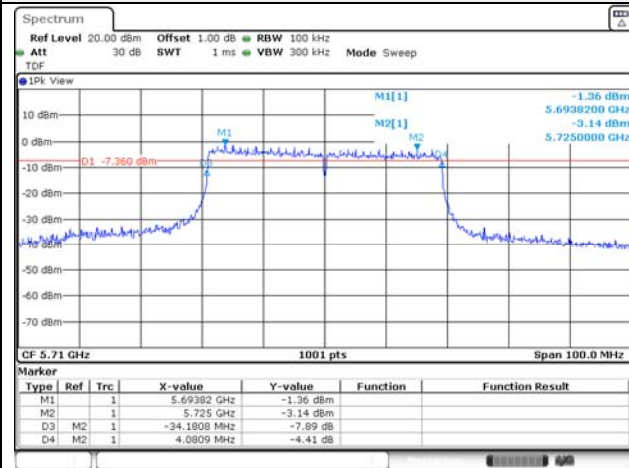
6 dB Bandwidth

99% Bandwidth

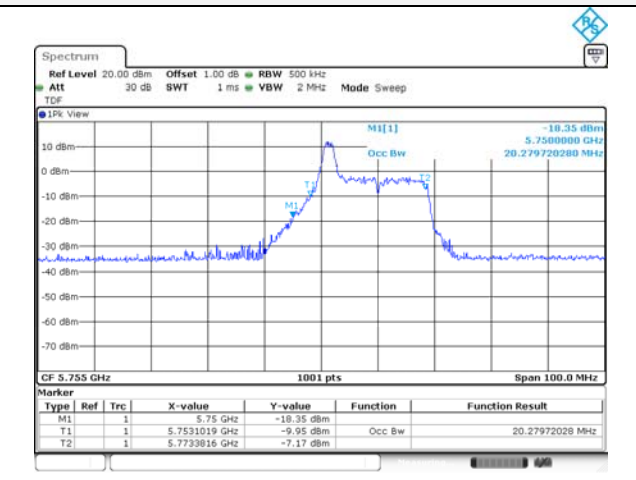
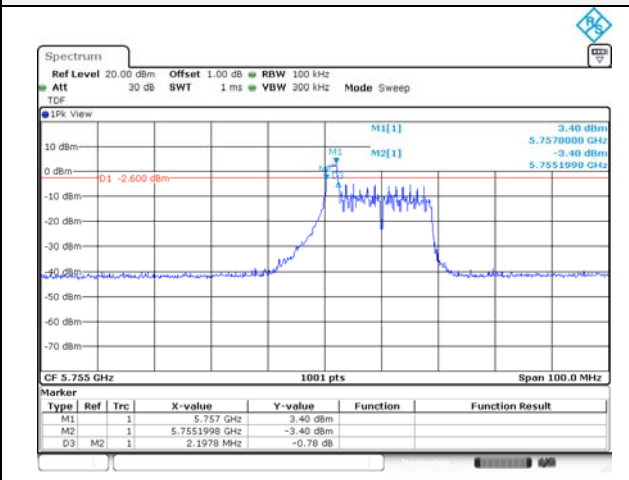
802.11ax_HE40 / 26T / RU offset 17 / Straddle ch.



802.11ax_HE40 / SU / Straddle ch.



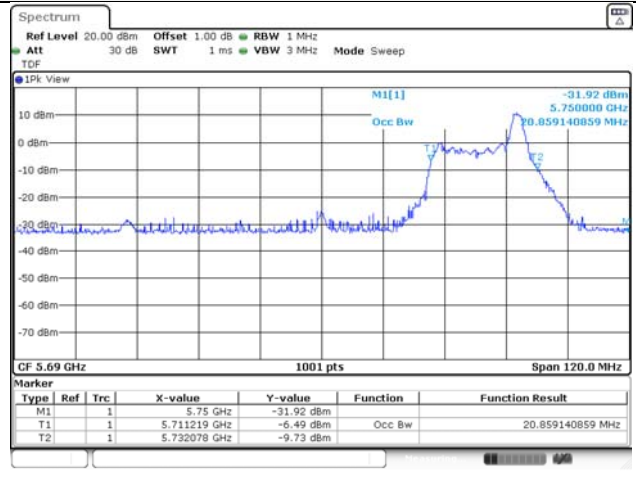
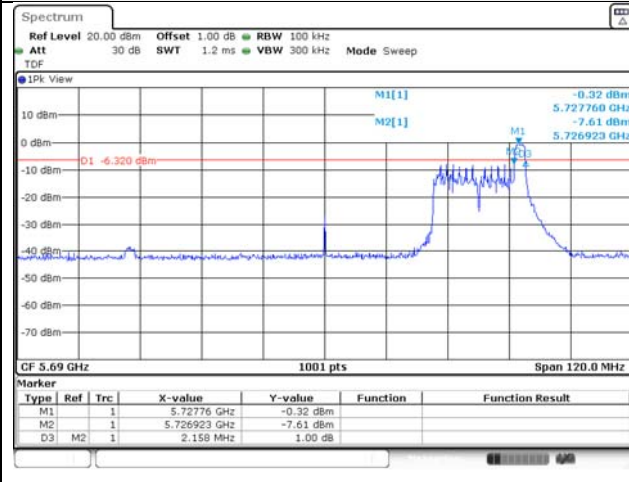
802.11ax_HE40 / 26T / RU offset 9 / Low ch.



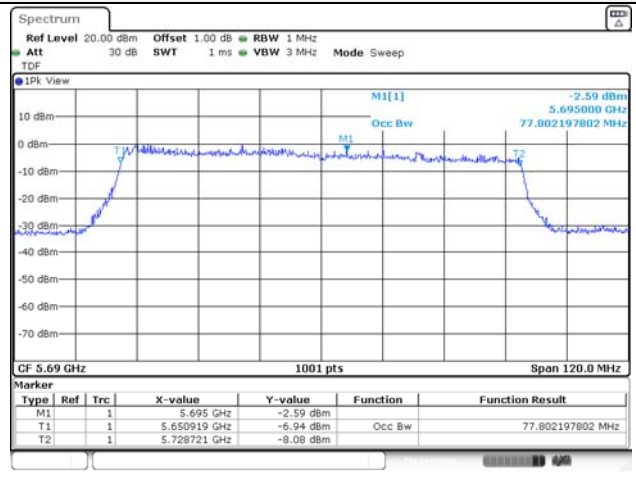
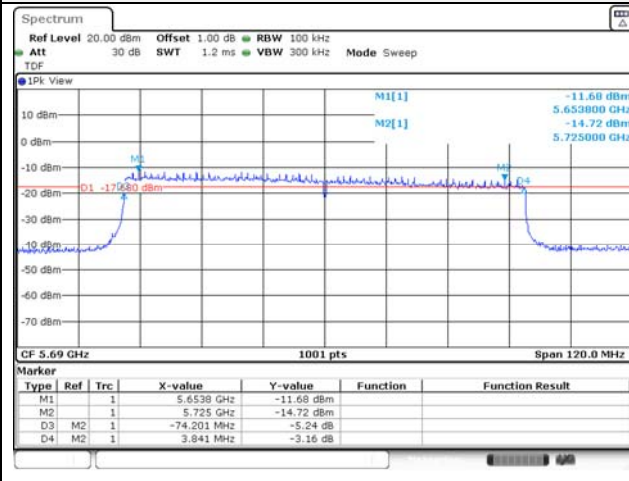
6 dB Bandwidth

99% Bandwidth

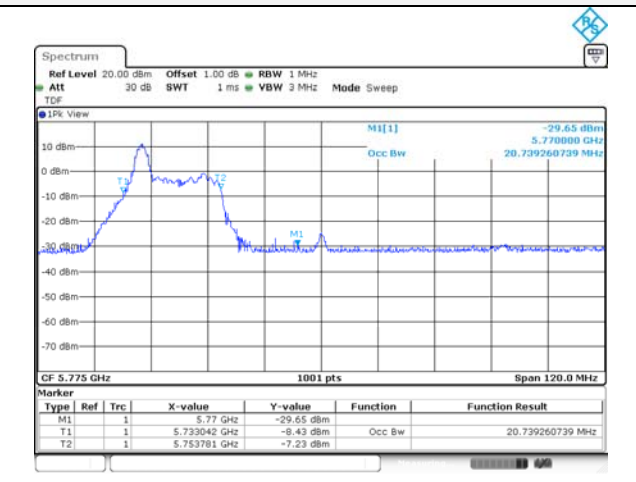
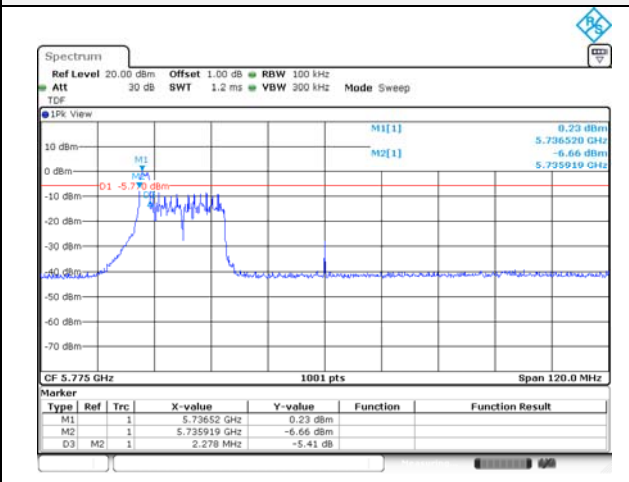
802.11ax_HE80 / 26T / RU offset 36 / Straddle ch.



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



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

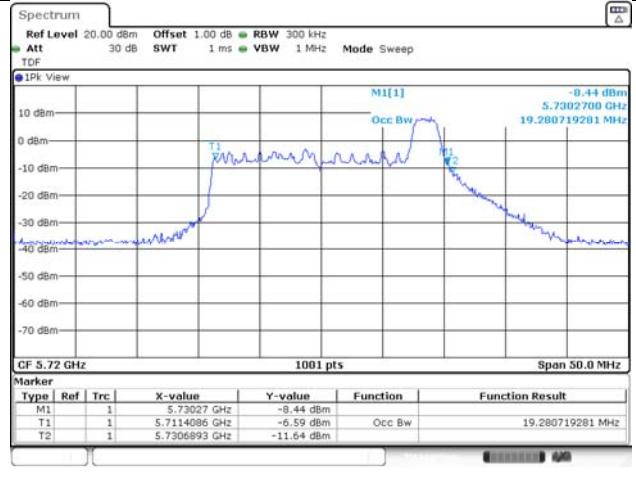
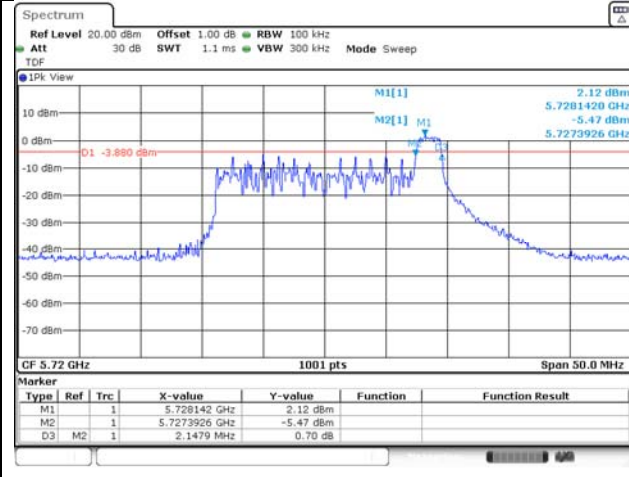


2TX_MIMO_UNII-3 Band

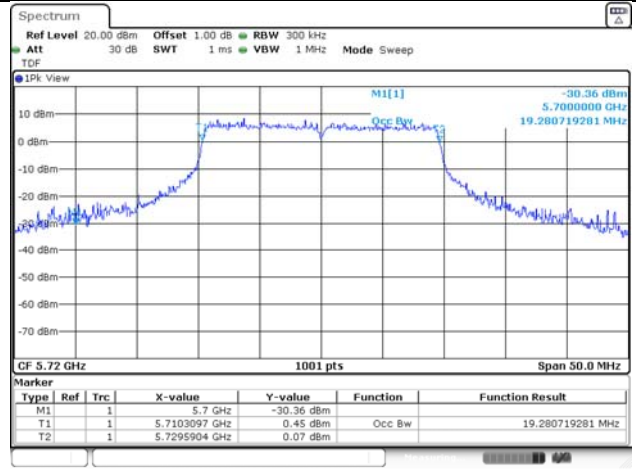
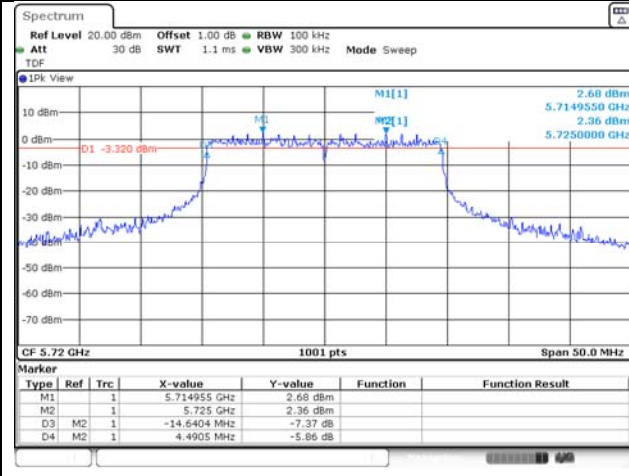
6 dB Bandwidth

99% Bandwidth

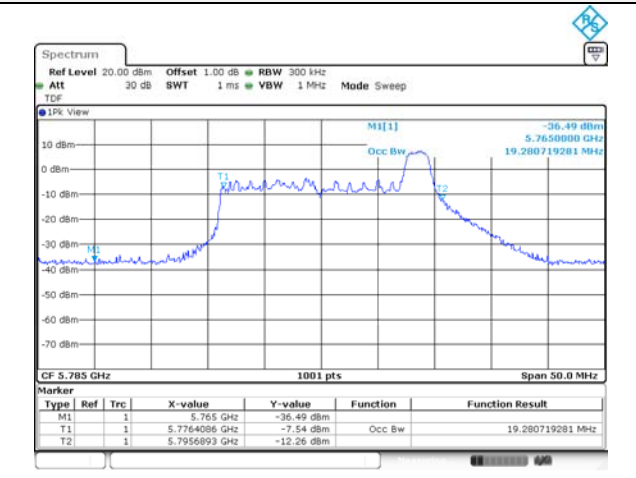
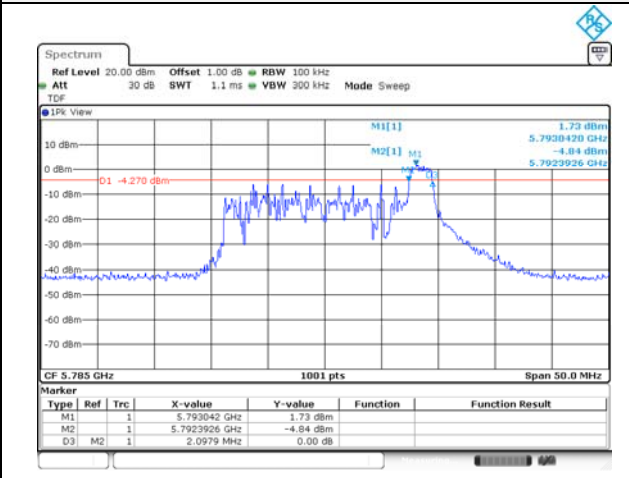
802.11ax_HE20 / 26T / RU offset 8 / Straddle ch.



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



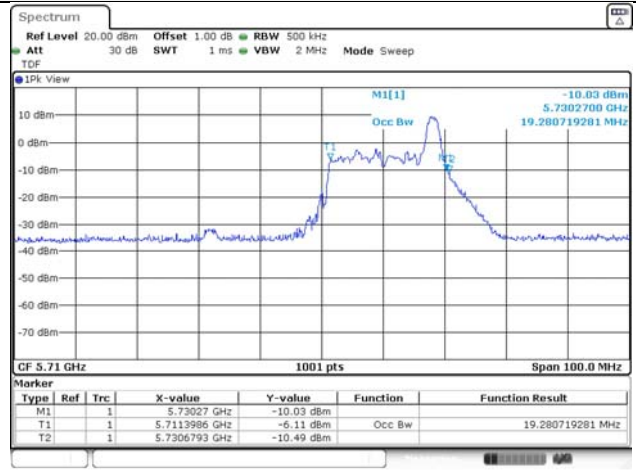
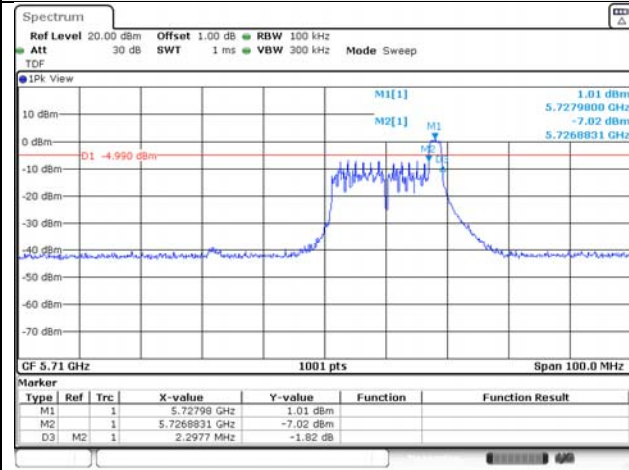
802.11ax_HE20 / 26T / RU offset 8 / Mid ch.



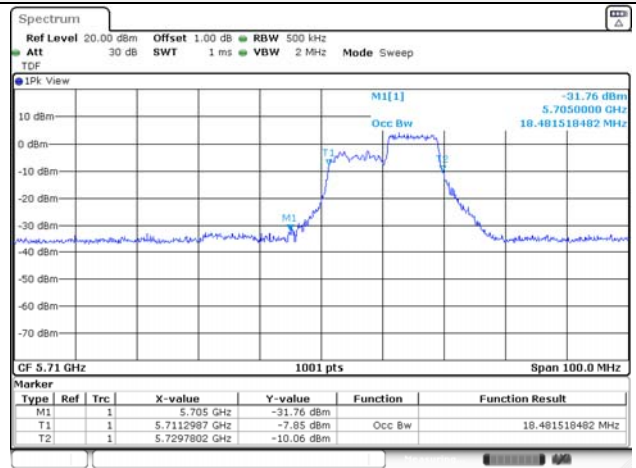
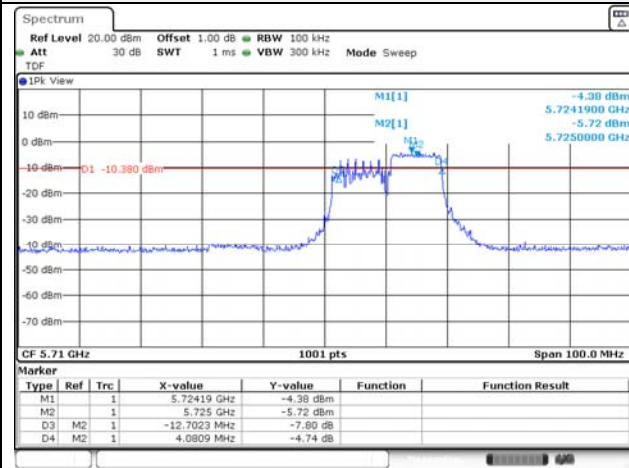
6 dB Bandwidth

99% Bandwidth

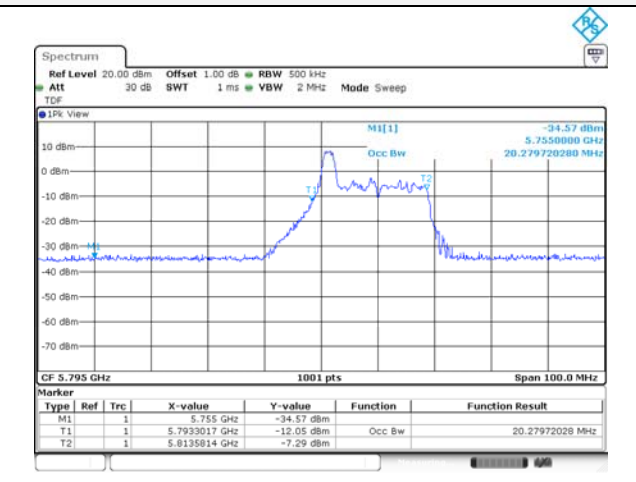
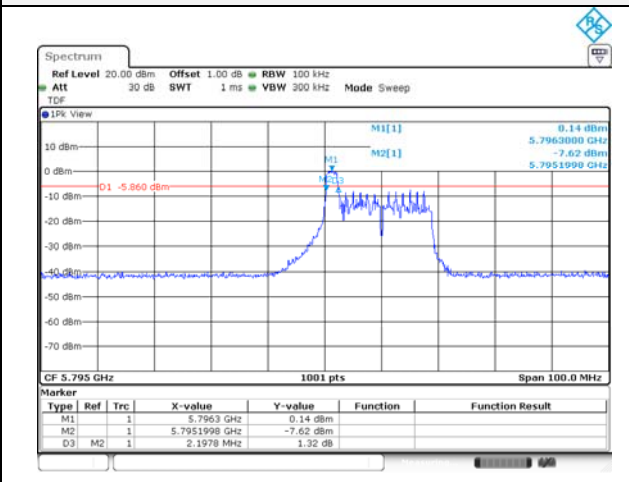
802.11ax_HE40 / 26T / RU offset 17 / Straddle ch.



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



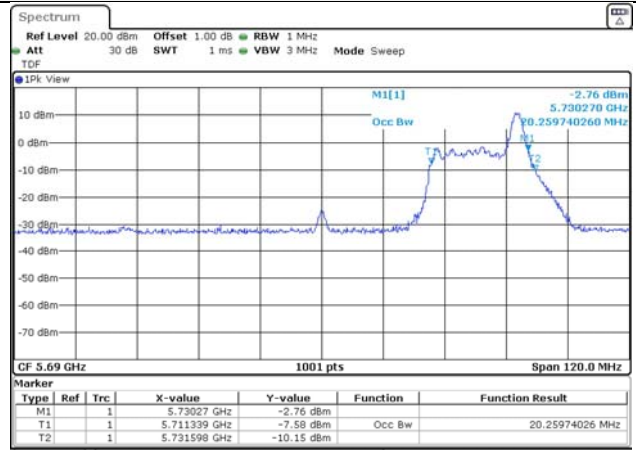
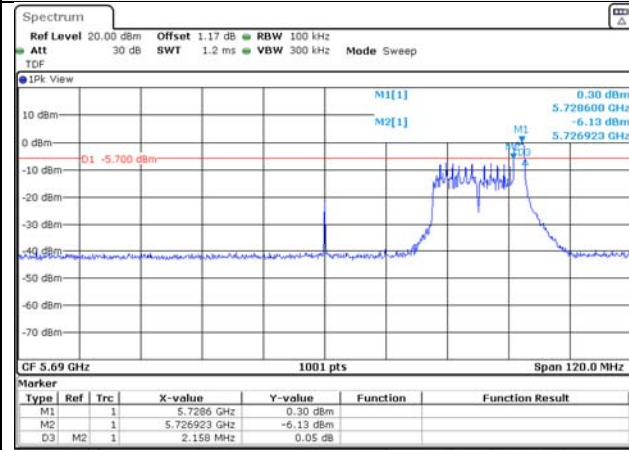
802.11ax_HE40 / 26T / RU offset 9 / High ch.



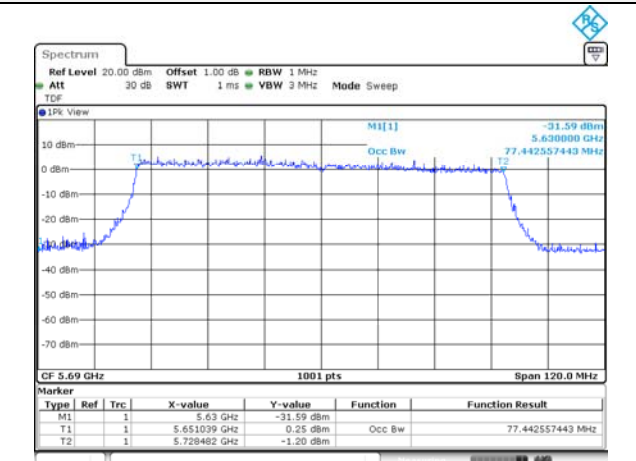
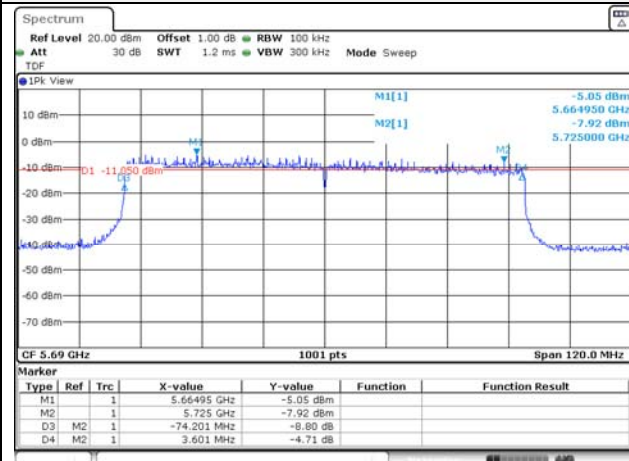
6 dB Bandwidth

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.

