
Appendix B

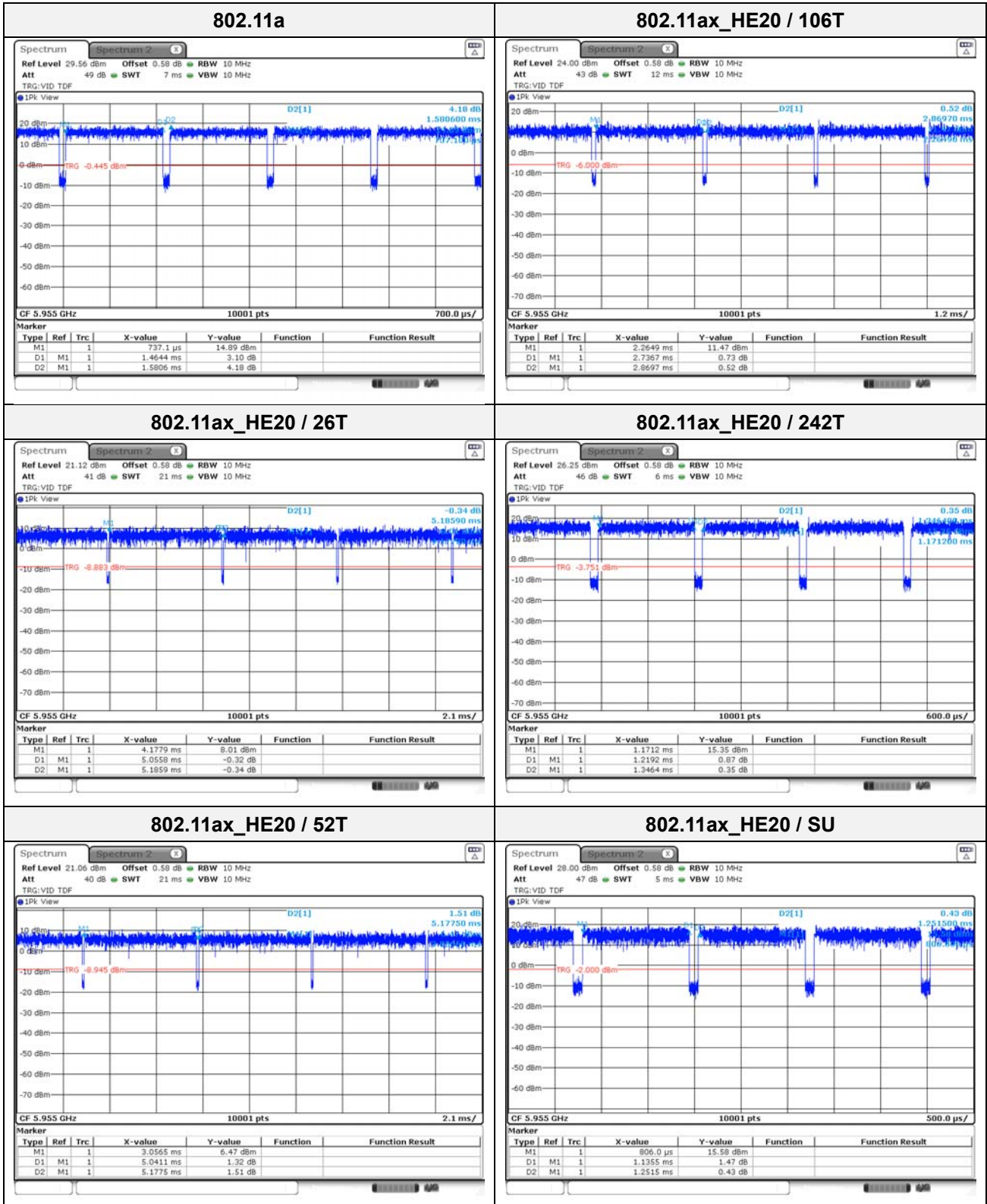
Test plots

UNII 802.11a/ax WLAN 6E

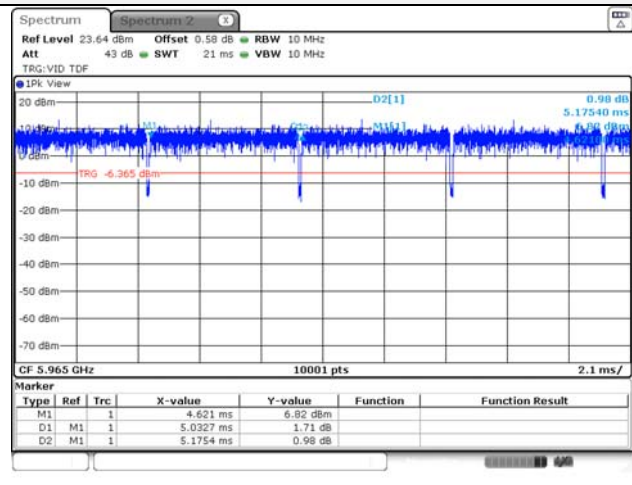
REPORT REVISION HISTORY

Date	Revision	Page No
2022-10-28	Originally issued	-
2022-12-01	Added test plots of Maximum E.I.R.P	7 ~ 14

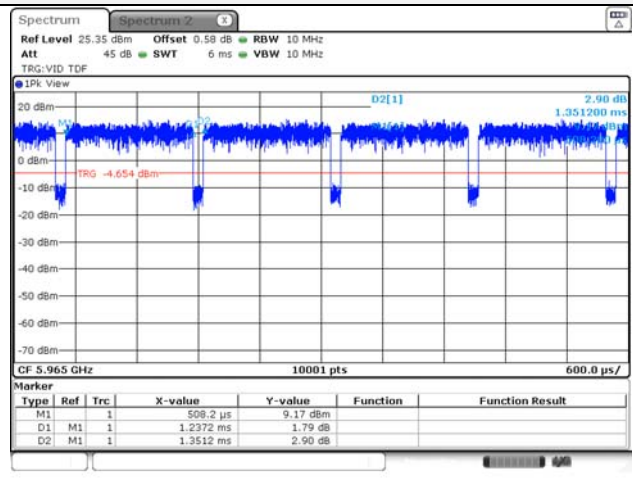
Duty cycle
MIMO



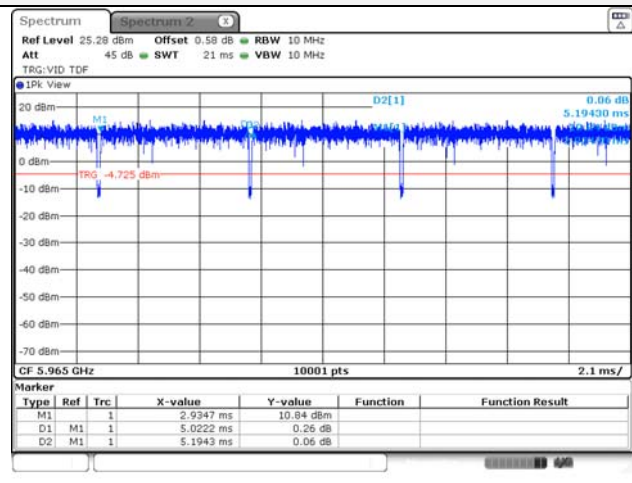
802.11ax_HE40 / 26T



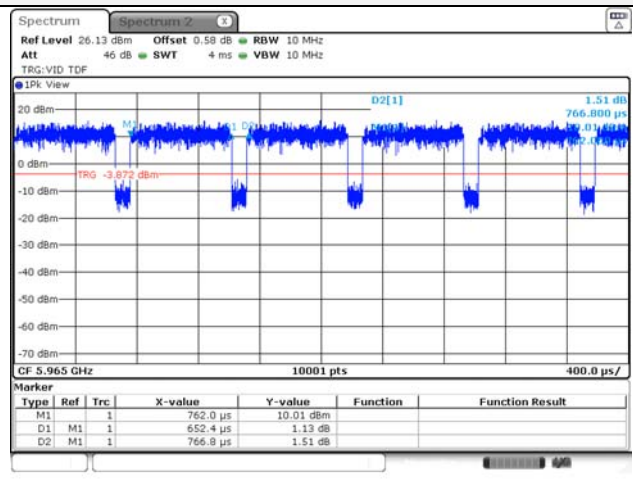
802.11ax_HE40 / 242T



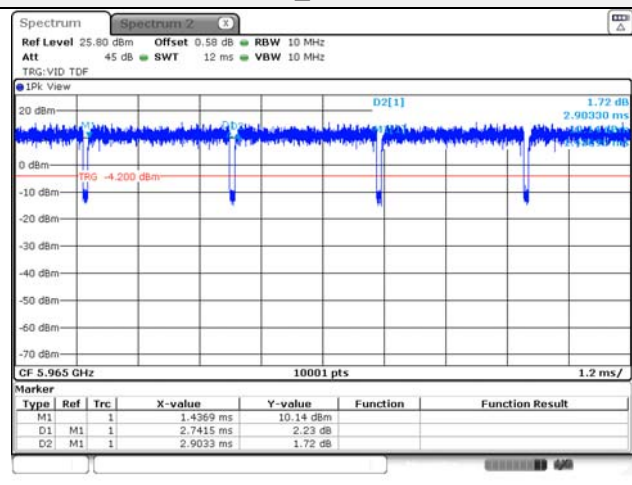
802.11ax_HE40 / 52T



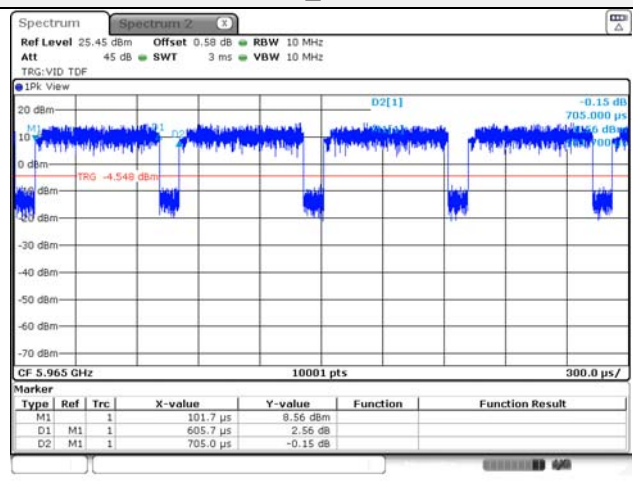
802.11ax_HE40 / 484T



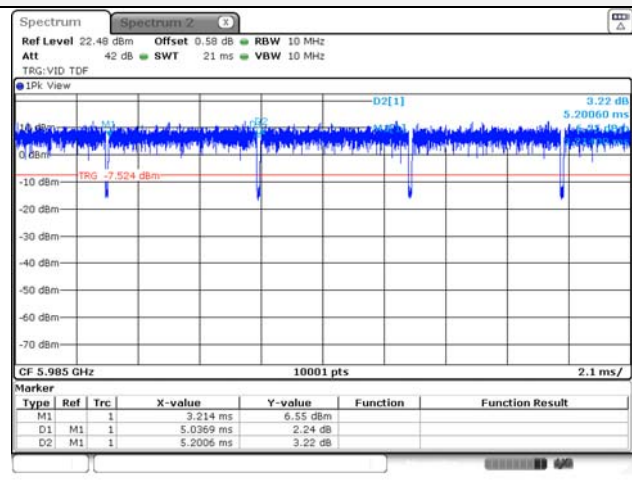
802.11ax_HE40 / 106T



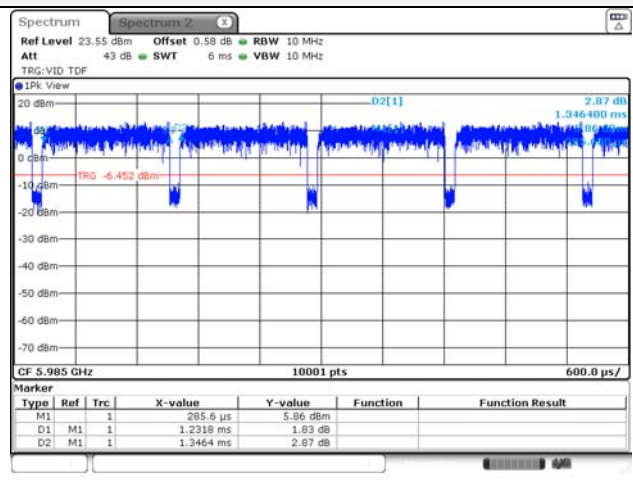
802.11ax_HE40 / SU



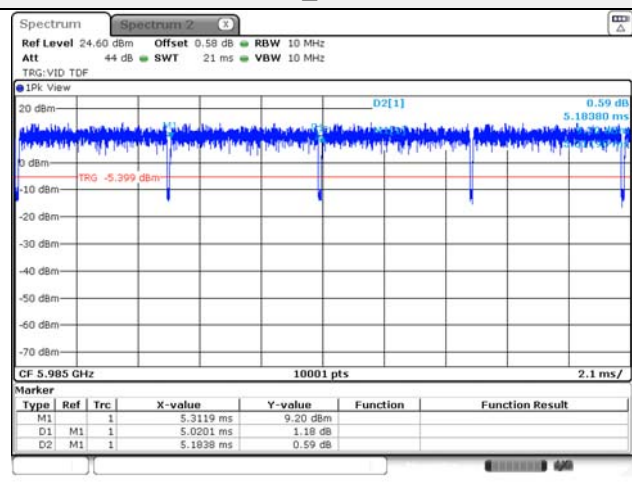
802.11ax_HE80 / 26T



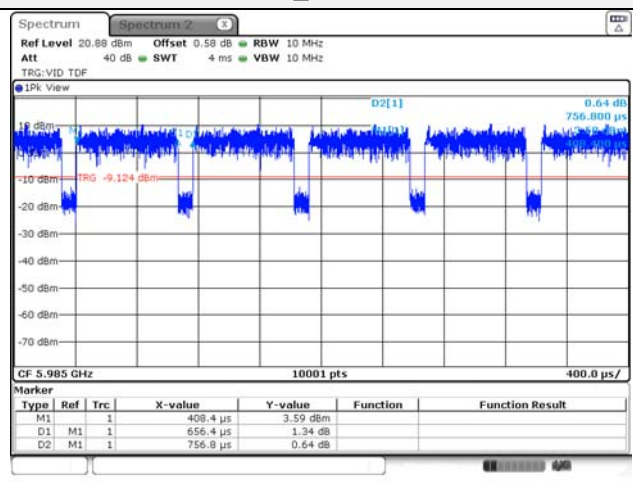
802.11ax_HE80 / 242T



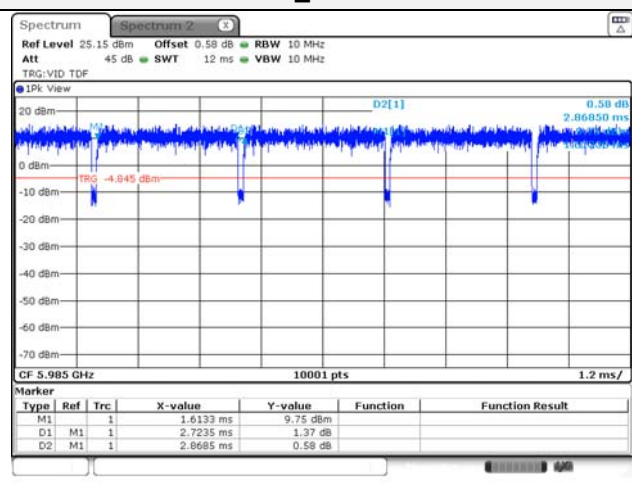
802.11ax_HE80 / 52T



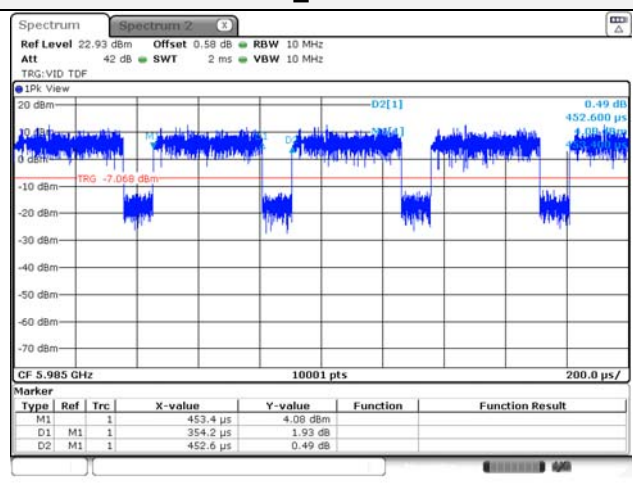
802.11ax_HE80 / 484T



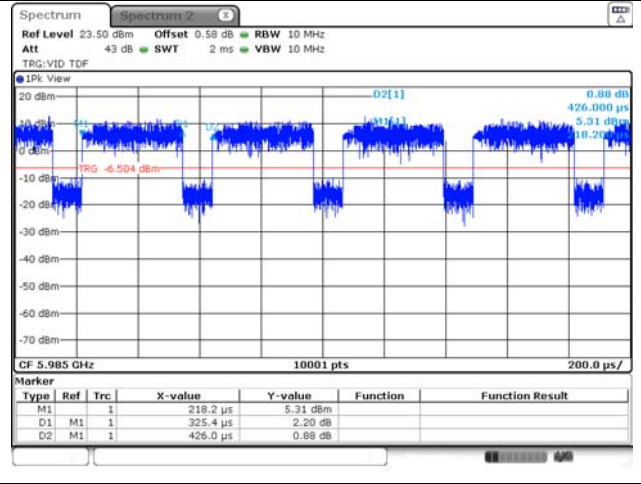
802.11ax_HE80 / 106T



802.11ax_HE80 / 996T

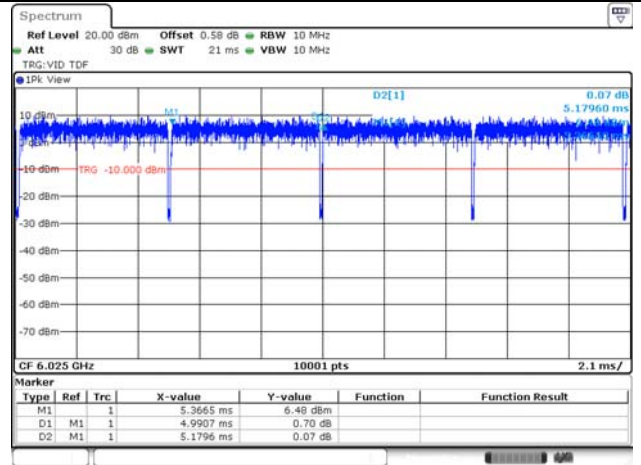


802.11ax_HE80 / SU

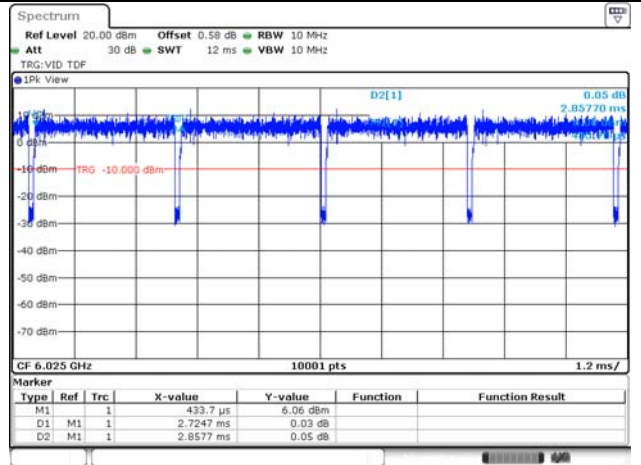


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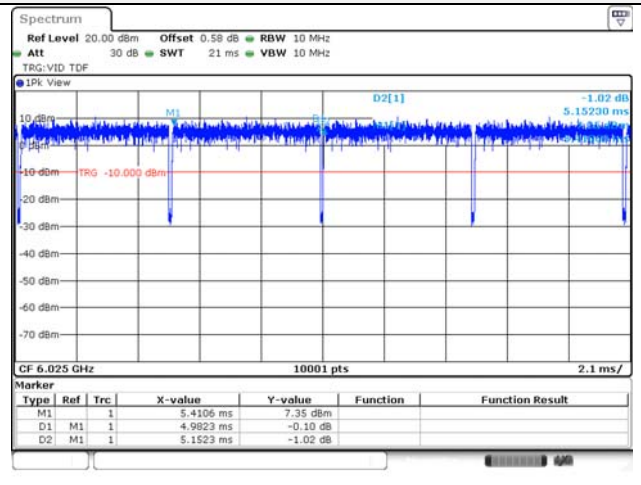
802.11ax_HE160 / 26T



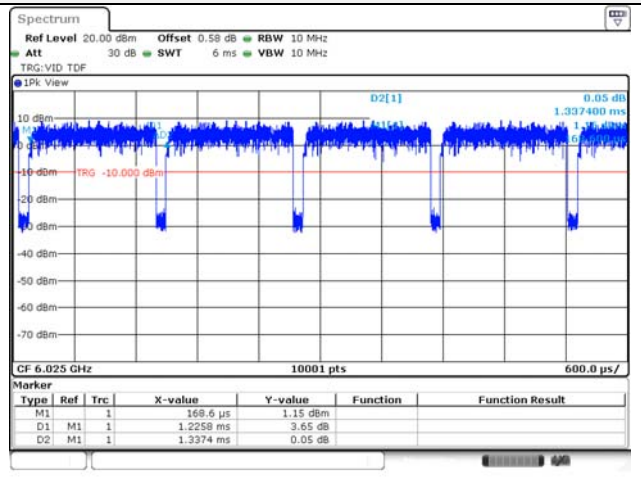
802.11ax_HE160 / 106T

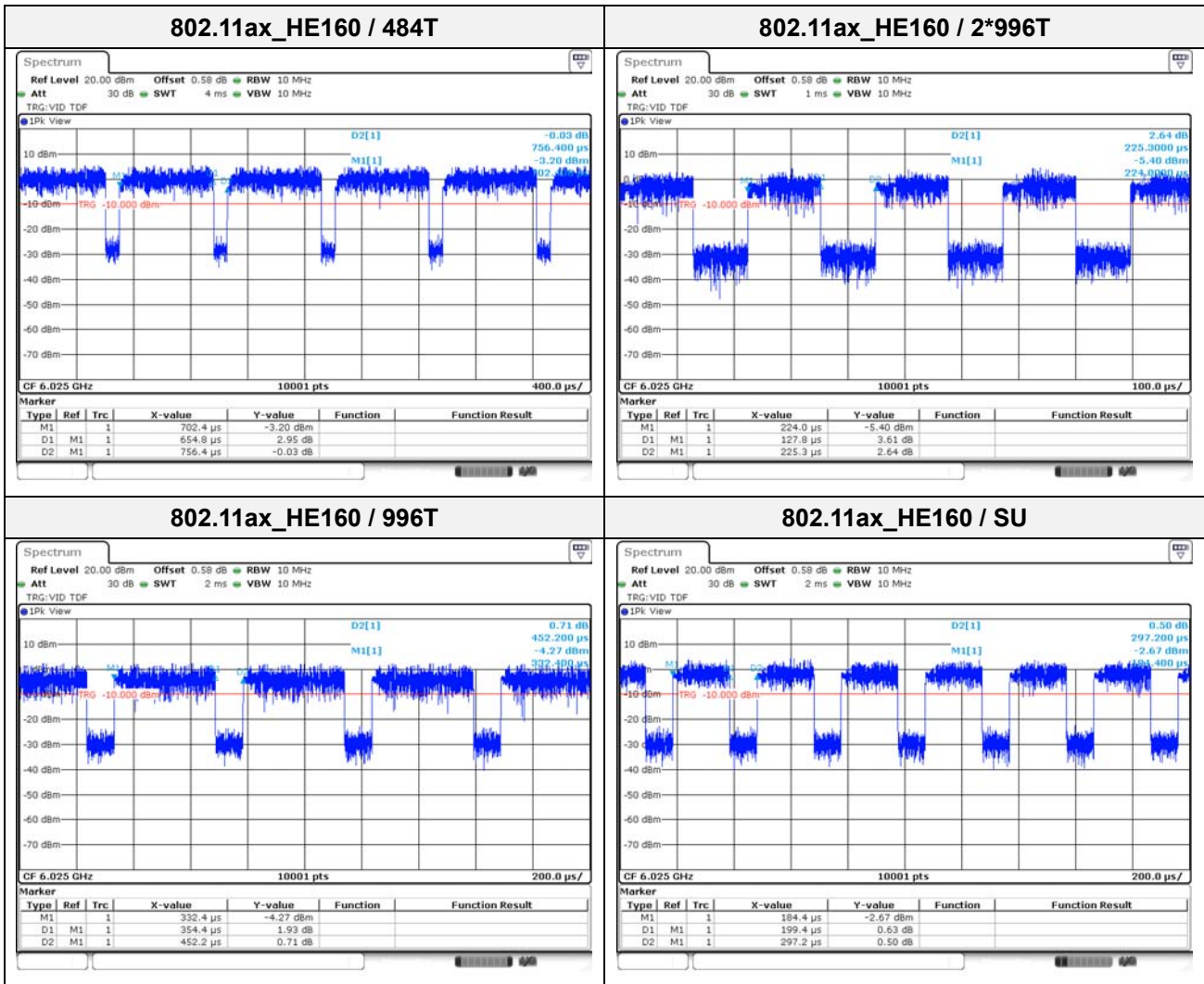


802.11ax_HE160 / 52T



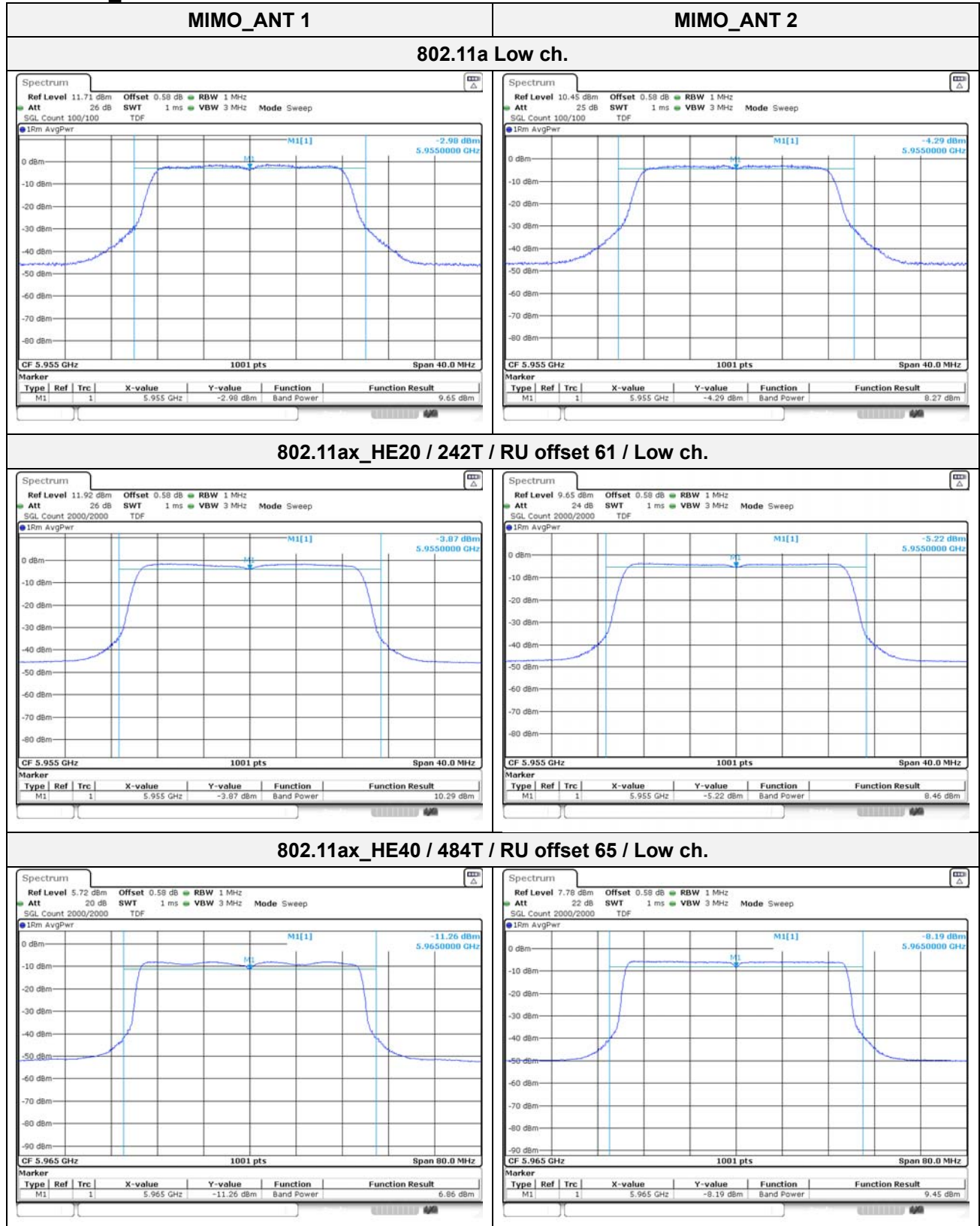
802.11ax_HE160 / 242T





Maximum e.i.r.p.

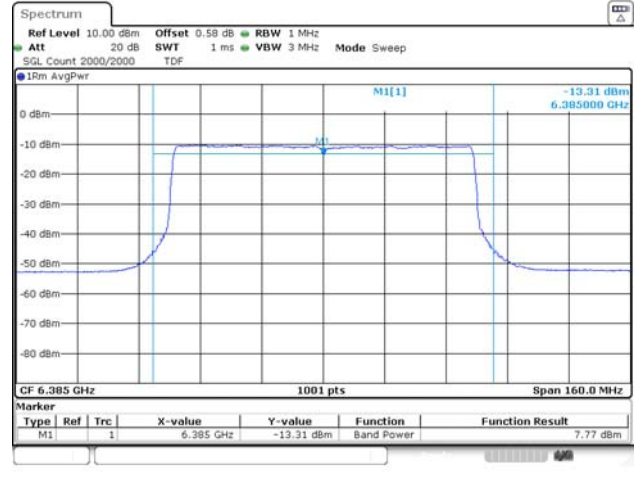
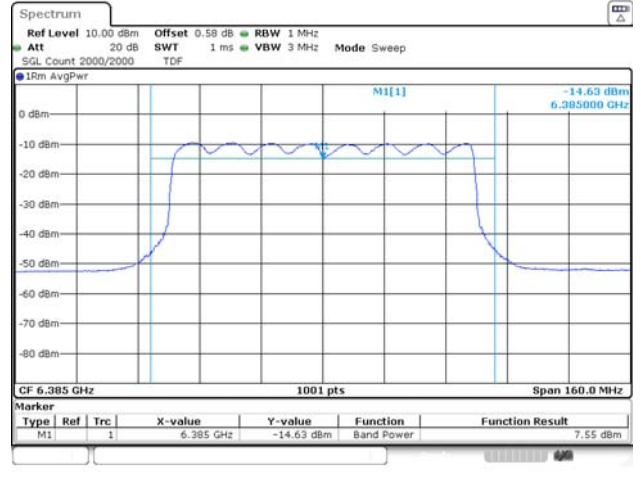
In order to simplify the report, attached plots were the worst case per bandwidth
2Tx MIMO_UNII-5 Band



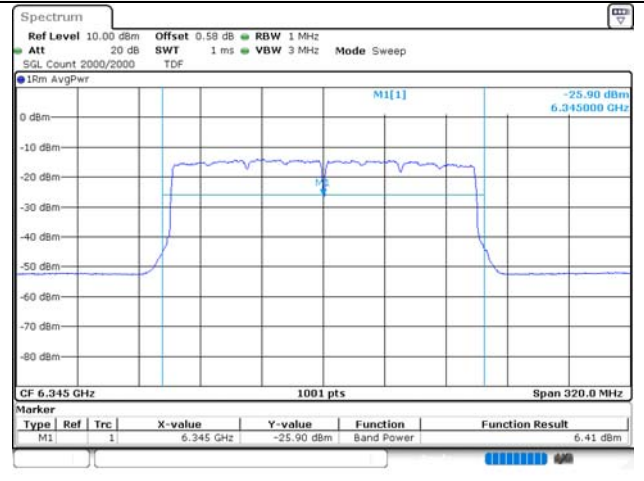
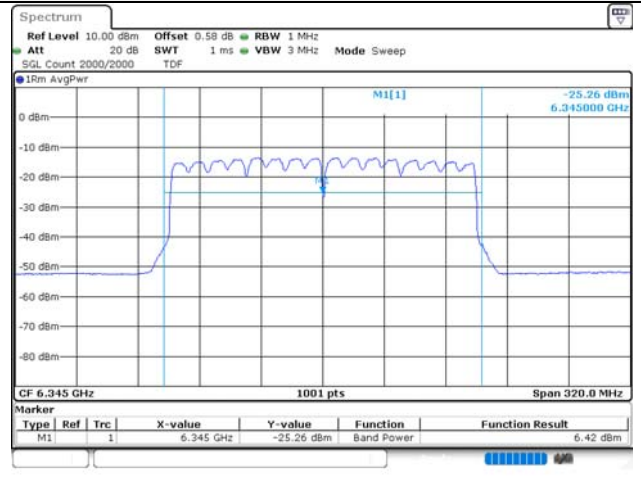
MIMO_ANT 1

MIMO_ANT 2

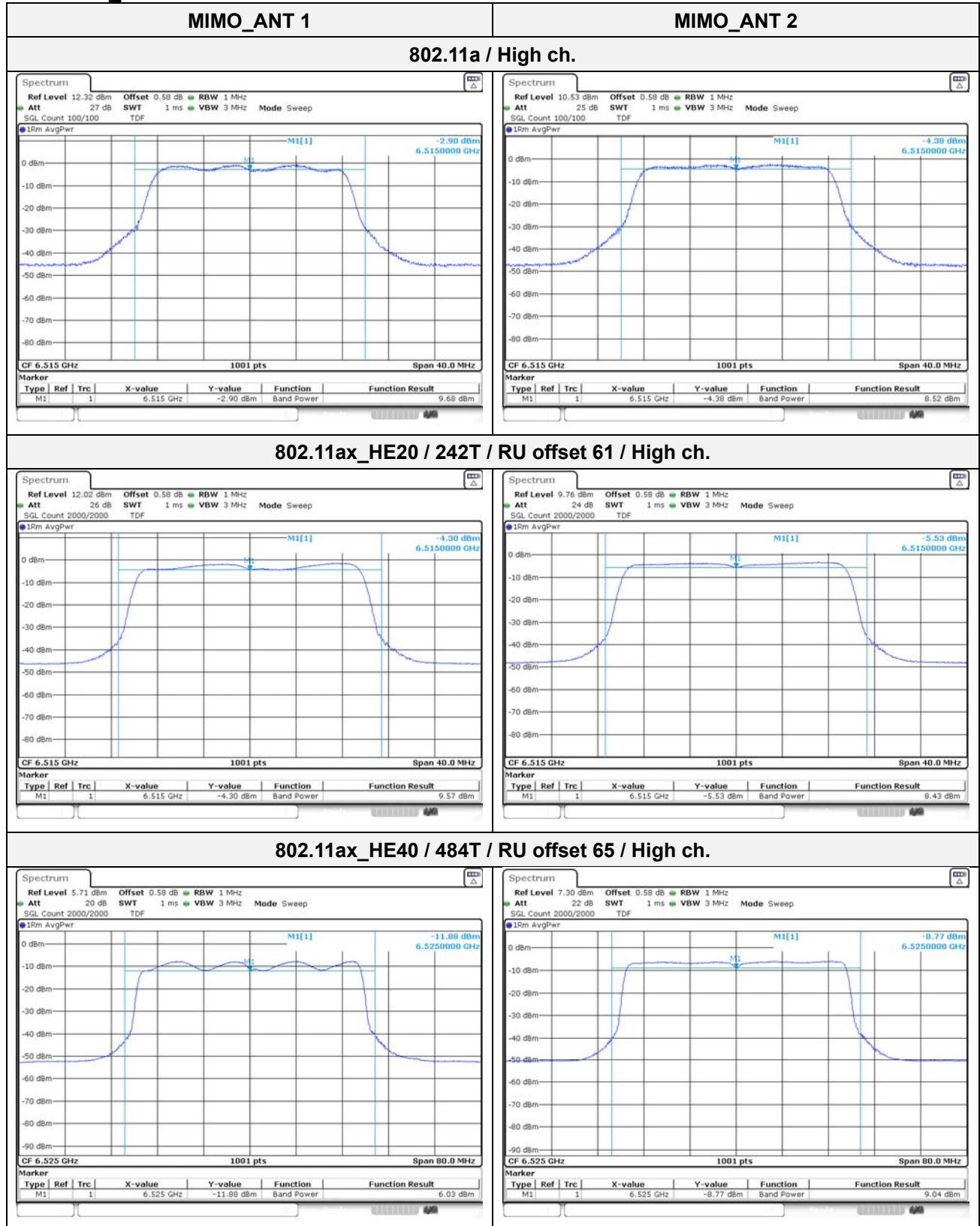
802.11ax_HE80 / 996T / RU offset 67 / High ch.



802.11ax_HE160 / 2X996T / RU offset 68 / High ch.



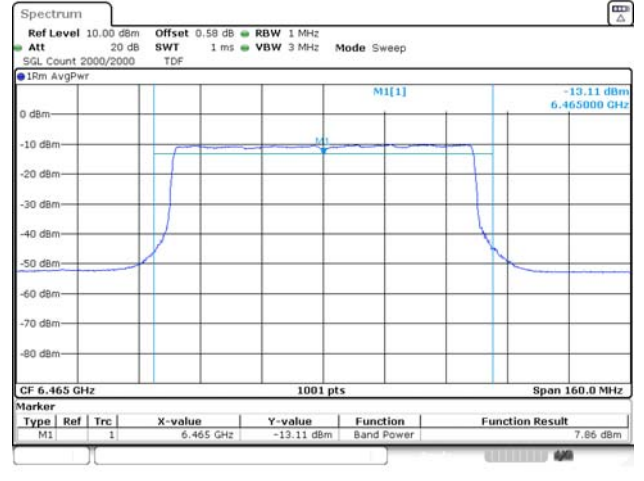
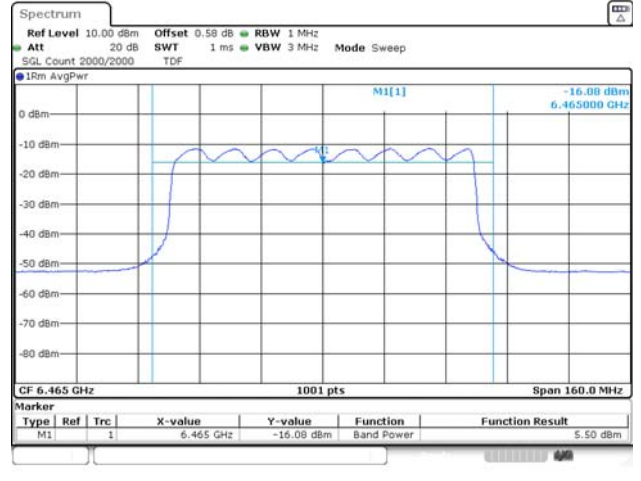
2Tx MIMO_UNII-6 Band



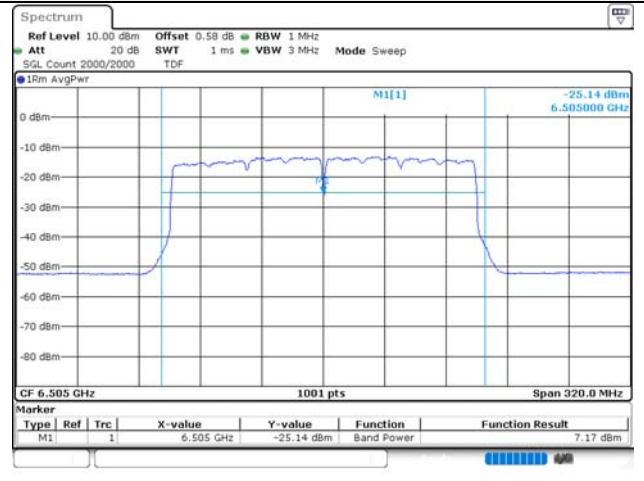
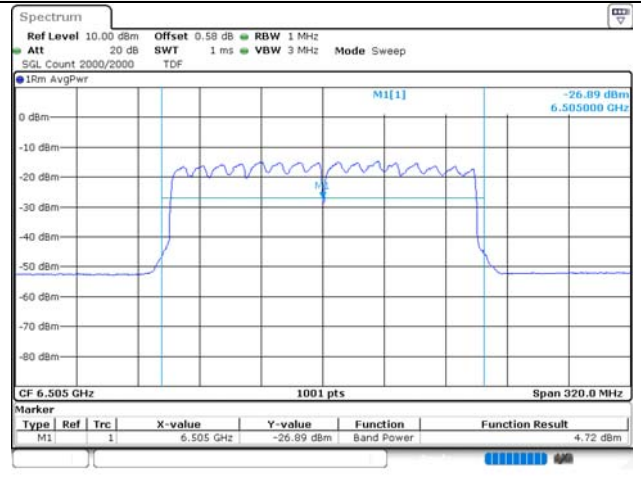
MIMO_ANT 1

MIMO_ANT 2

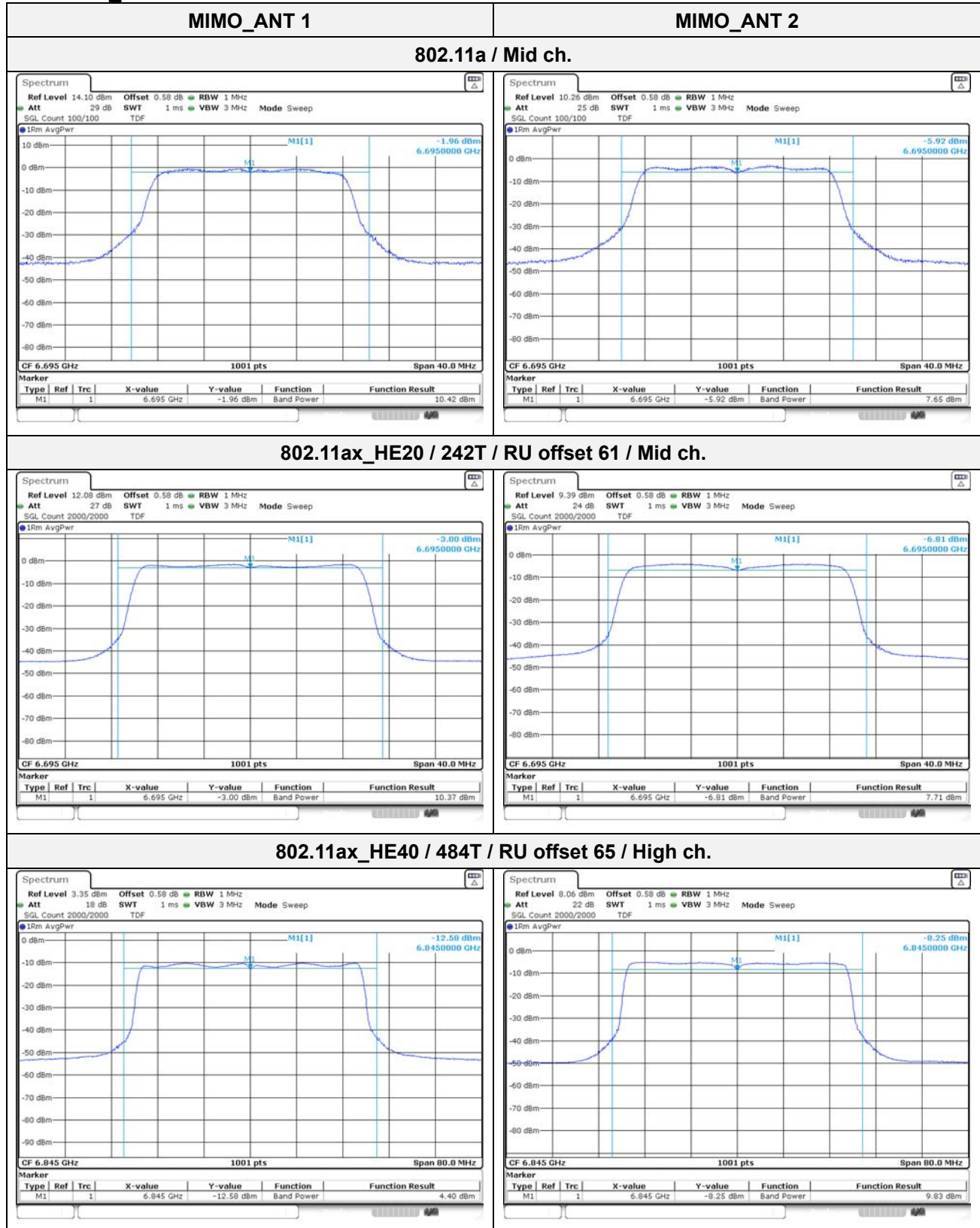
802.11ax_HE80 / 996T / RU offset 67 / Mid ch.



802.11ax_HE160 / 2X996T / RU offset 68 / Mid ch.



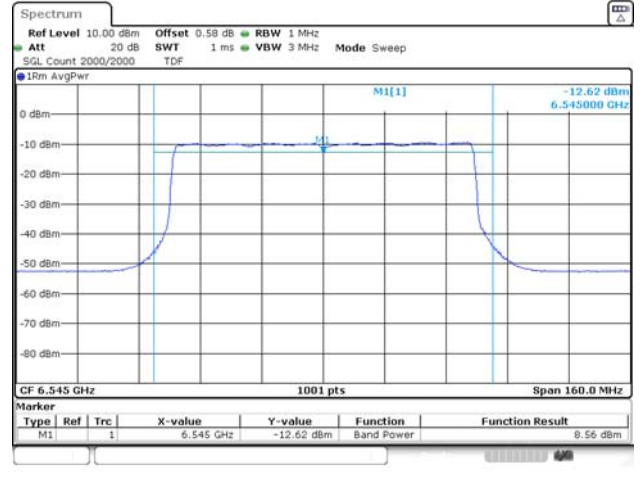
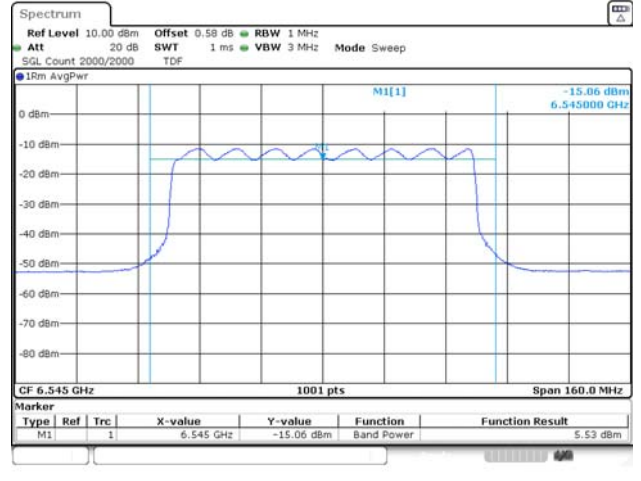
2Tx MIMO_UNII-7 Band



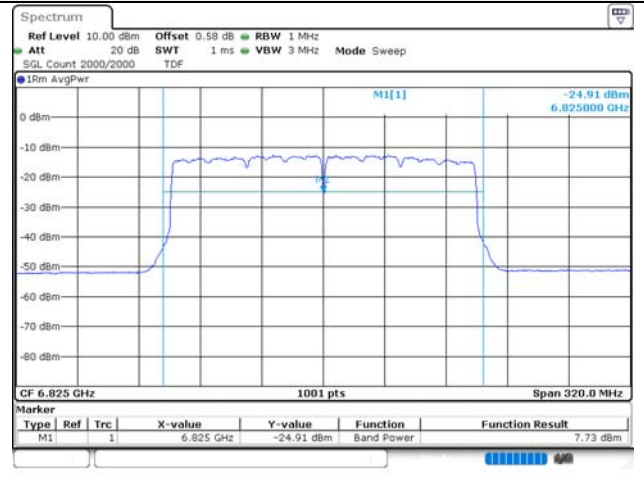
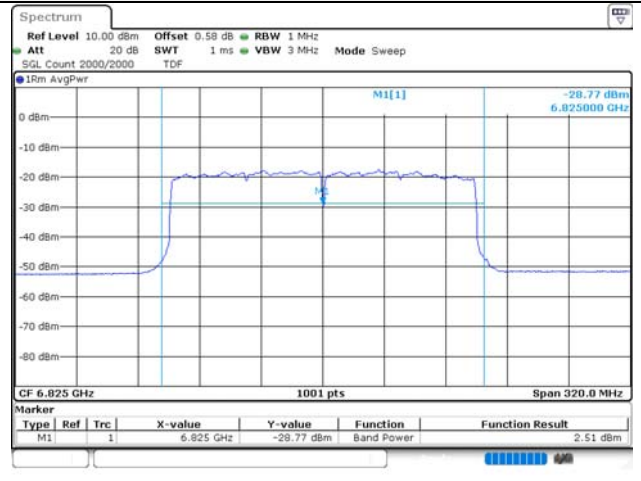
MIMO_ANT 1

MIMO_ANT 2

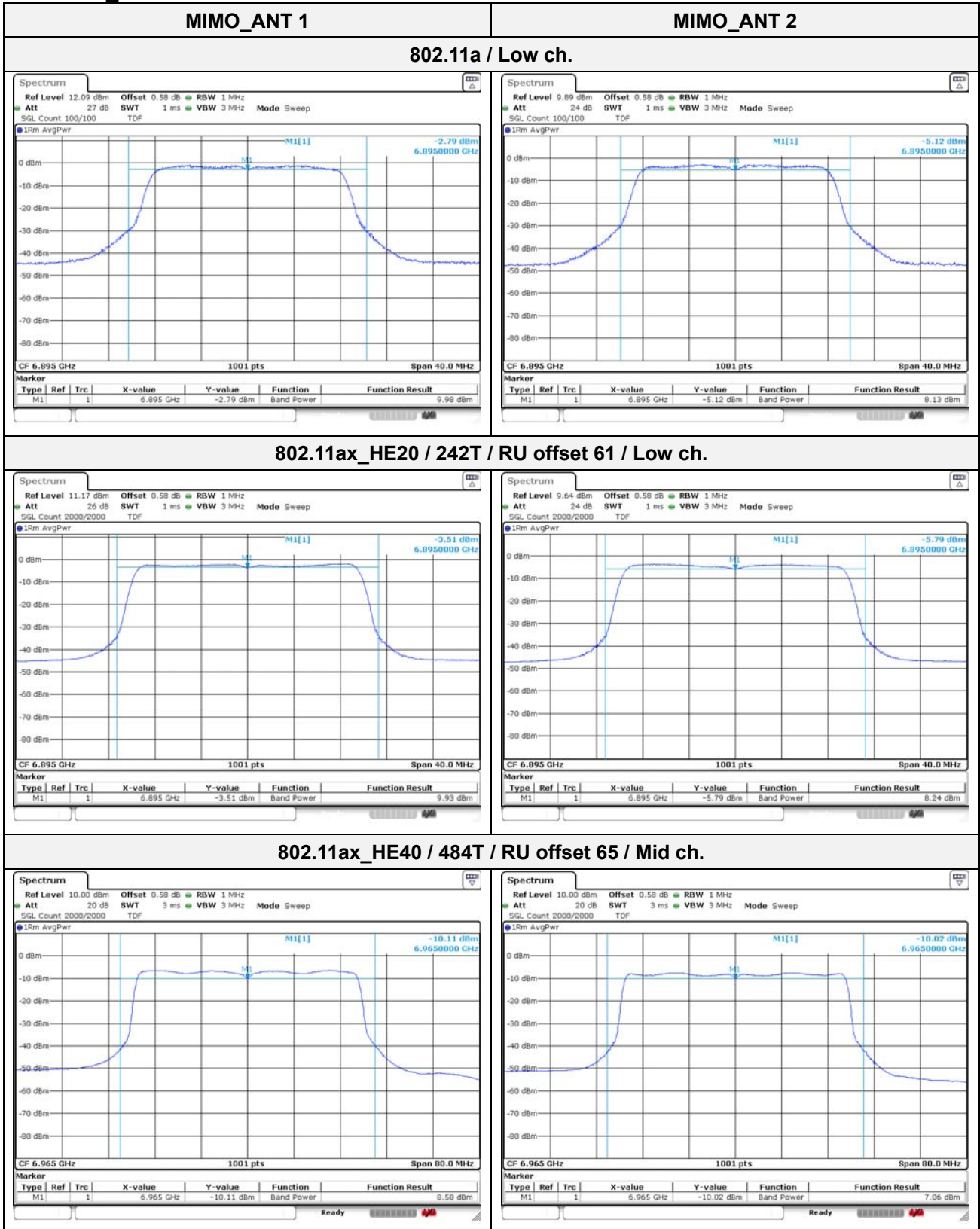
802.11ax_HE80 / 996T / RU offset 67 / Low ch.



802.11ax_HE160 / 2X996T / RU offset 68 / High ch.



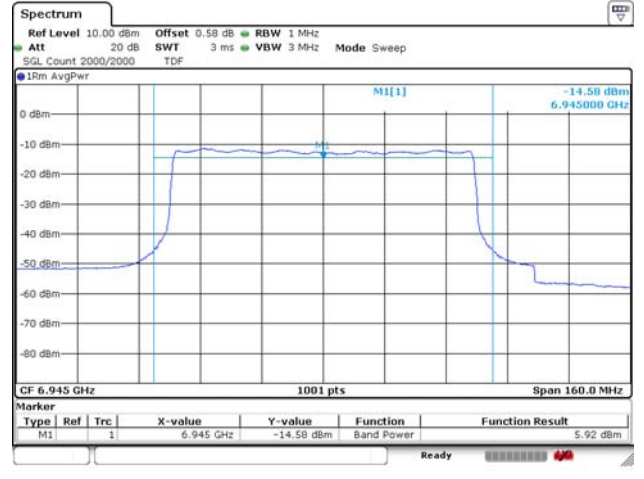
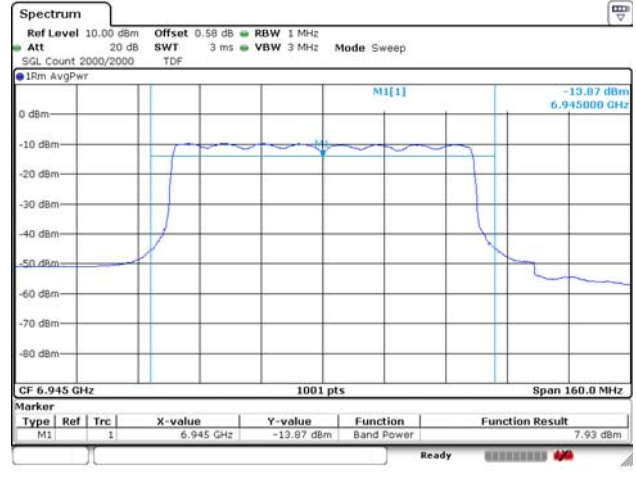
2Tx MIMO_UNII-8 Band



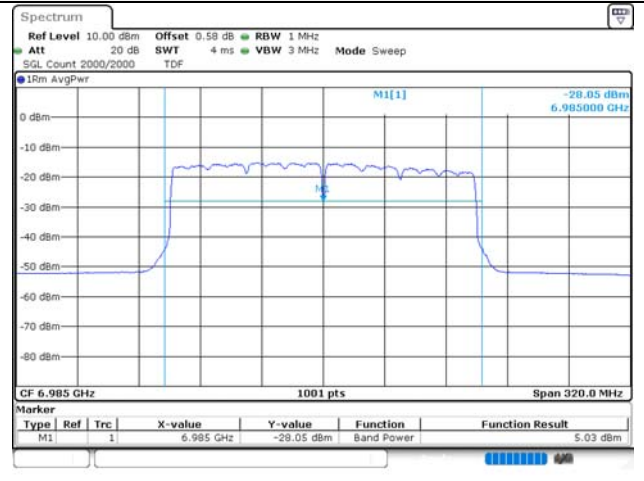
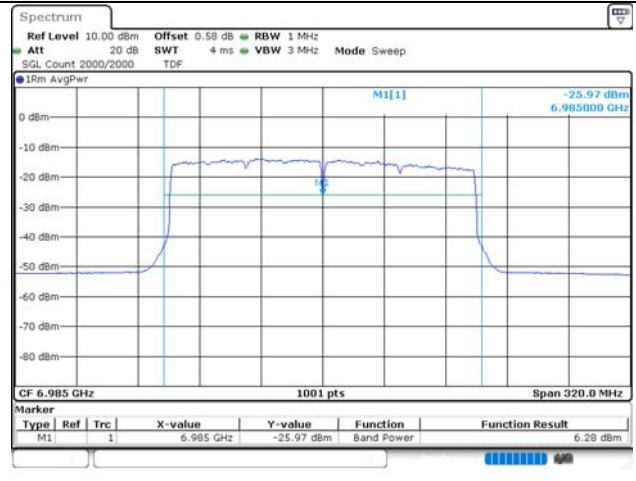
MIMO_ANT 1

MIMO_ANT 2

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

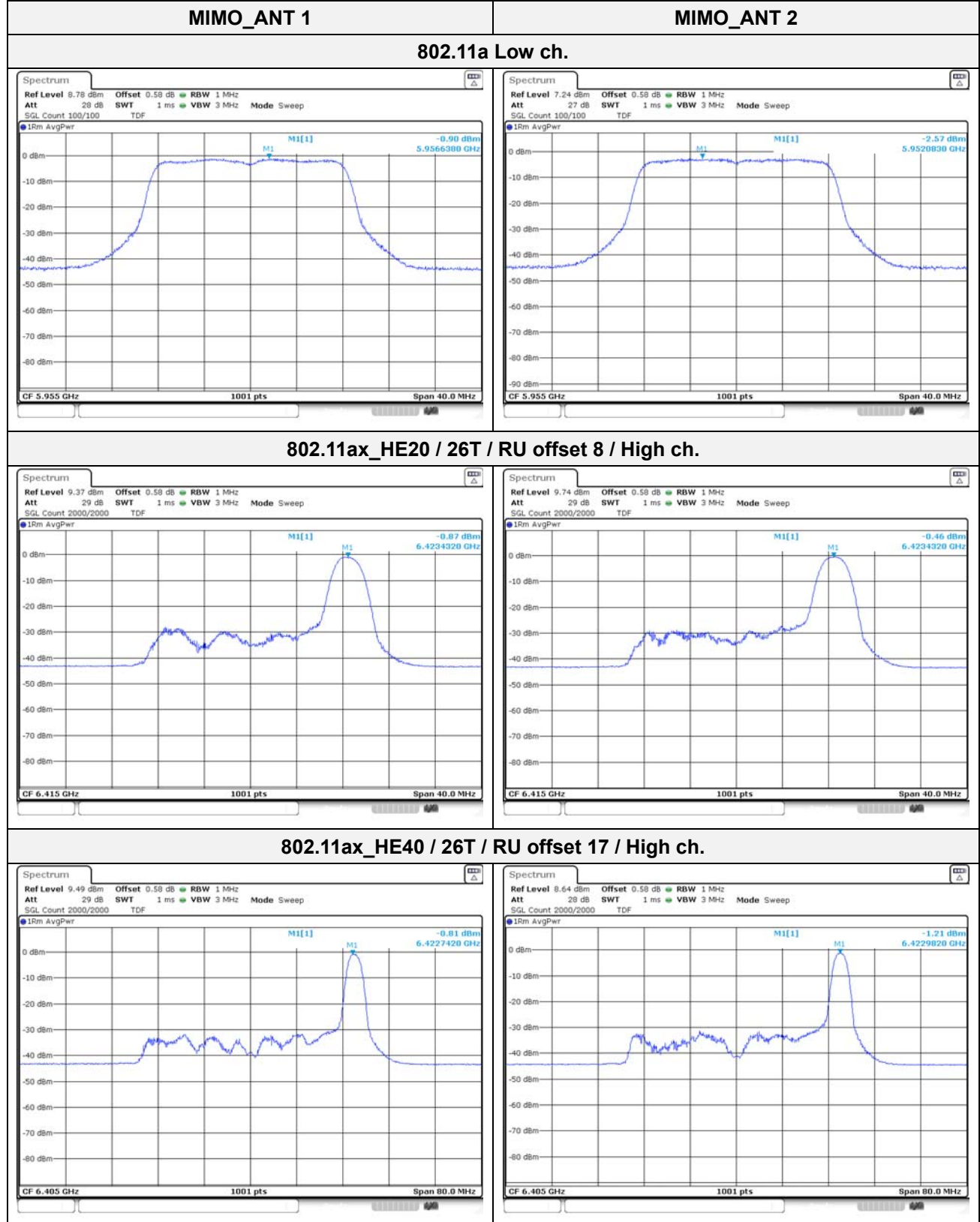


802.11ax_HE160 / 2X996T / RU offset 68 / Mid ch.



Maximum power spectral density

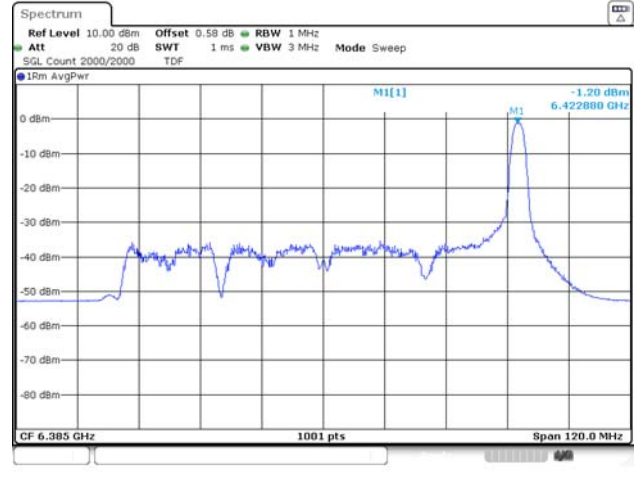
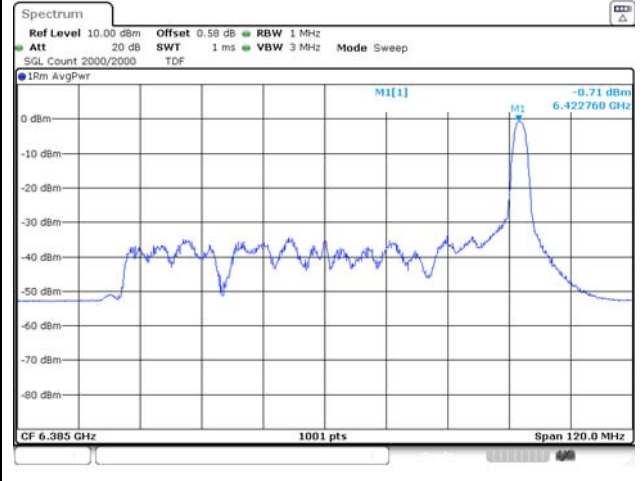
In order to simplify the report, attached plots were the worst case per bandwidth
2Tx MIMO_UNII-5 Band



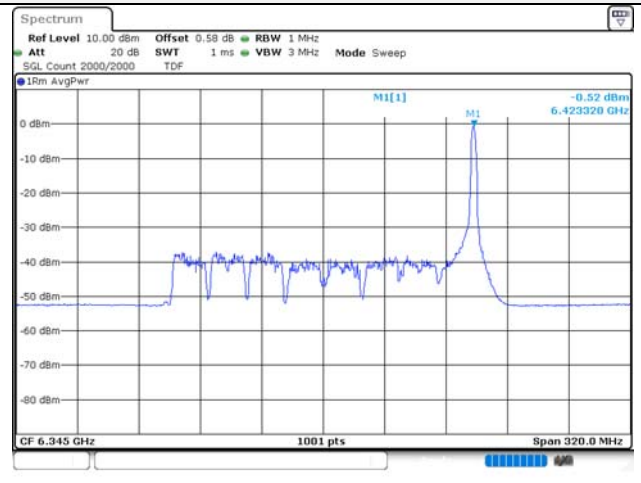
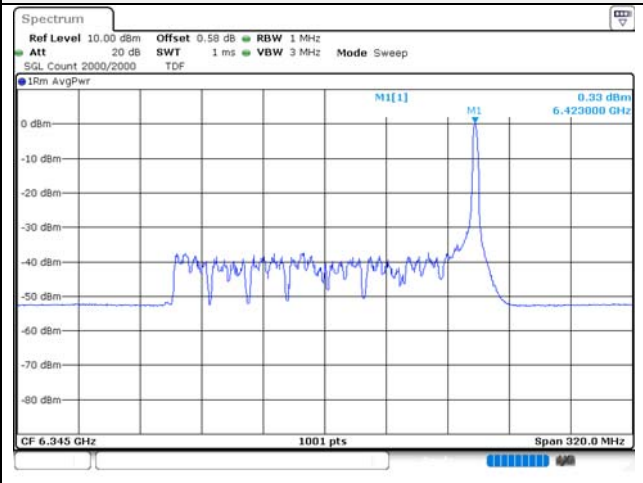
MIMO_ANT 1

MIMO_ANT 2

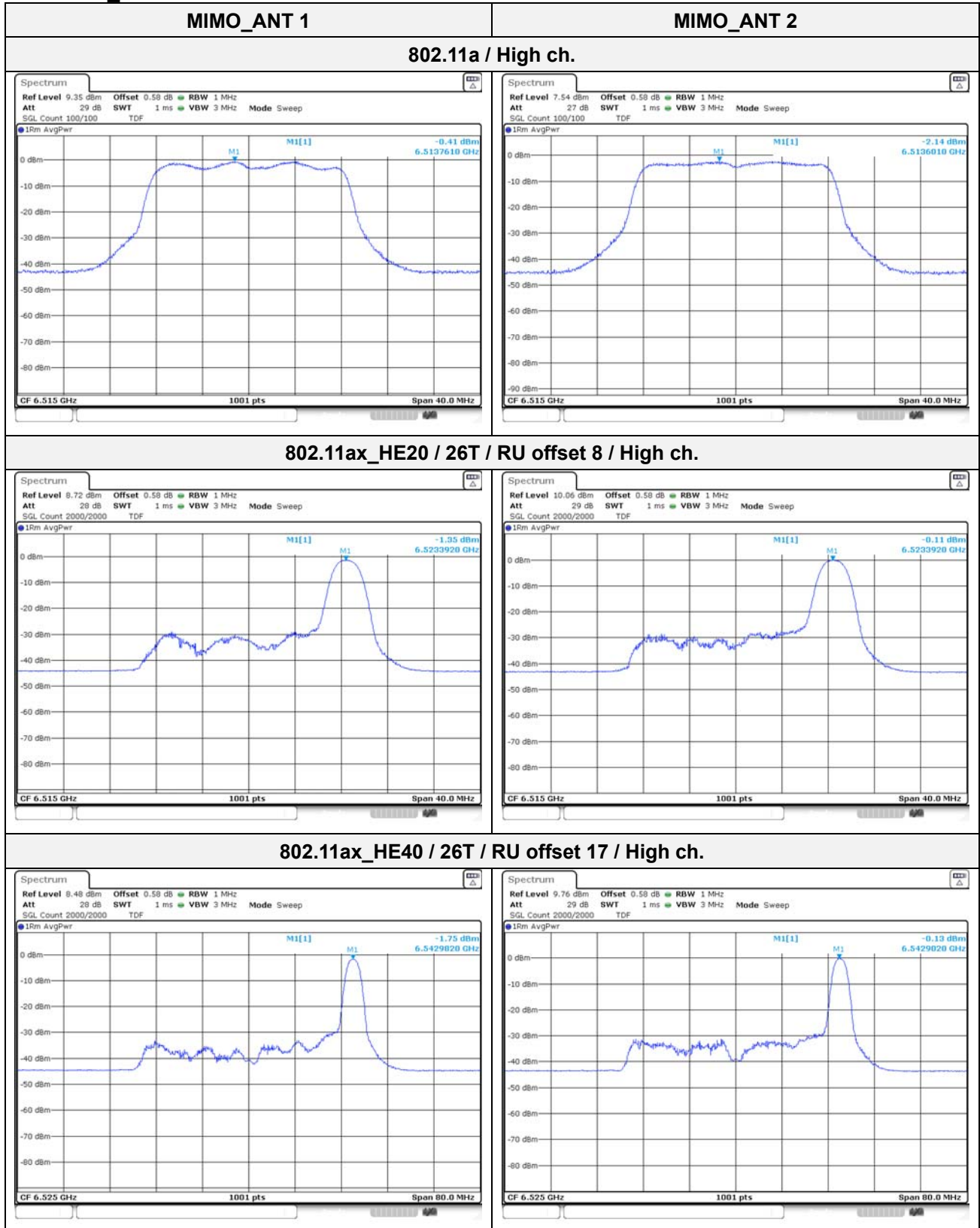
802.11ax_HE80 / 26T / RU offset 36 / High ch.



802.11ax_HE160 / 26T / RU offset 36U / High ch.



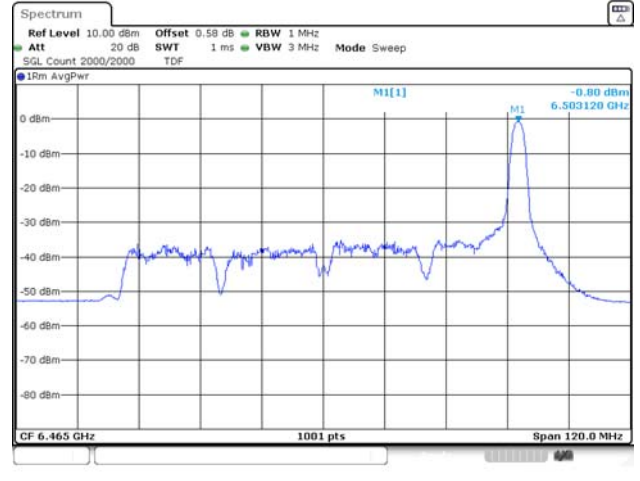
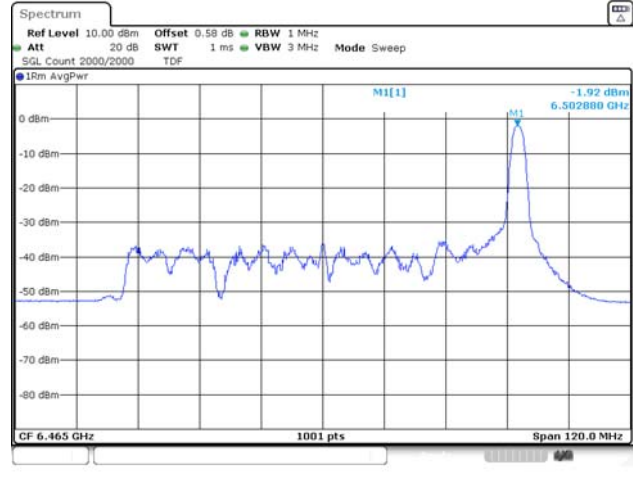
2Tx MIMO_UNII-6 Band



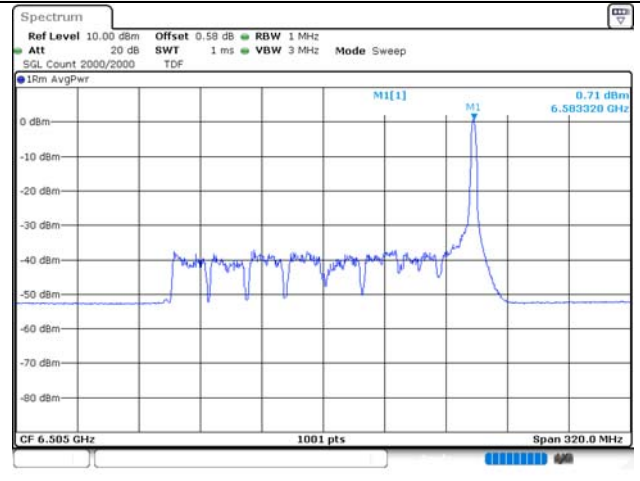
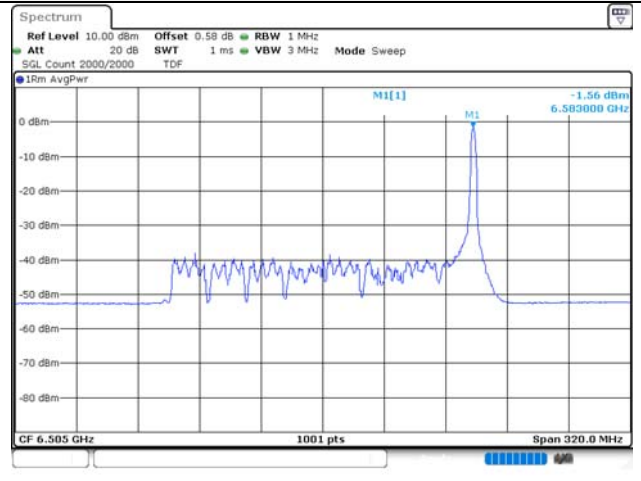
MIMO_ANT 1

MIMO_ANT 2

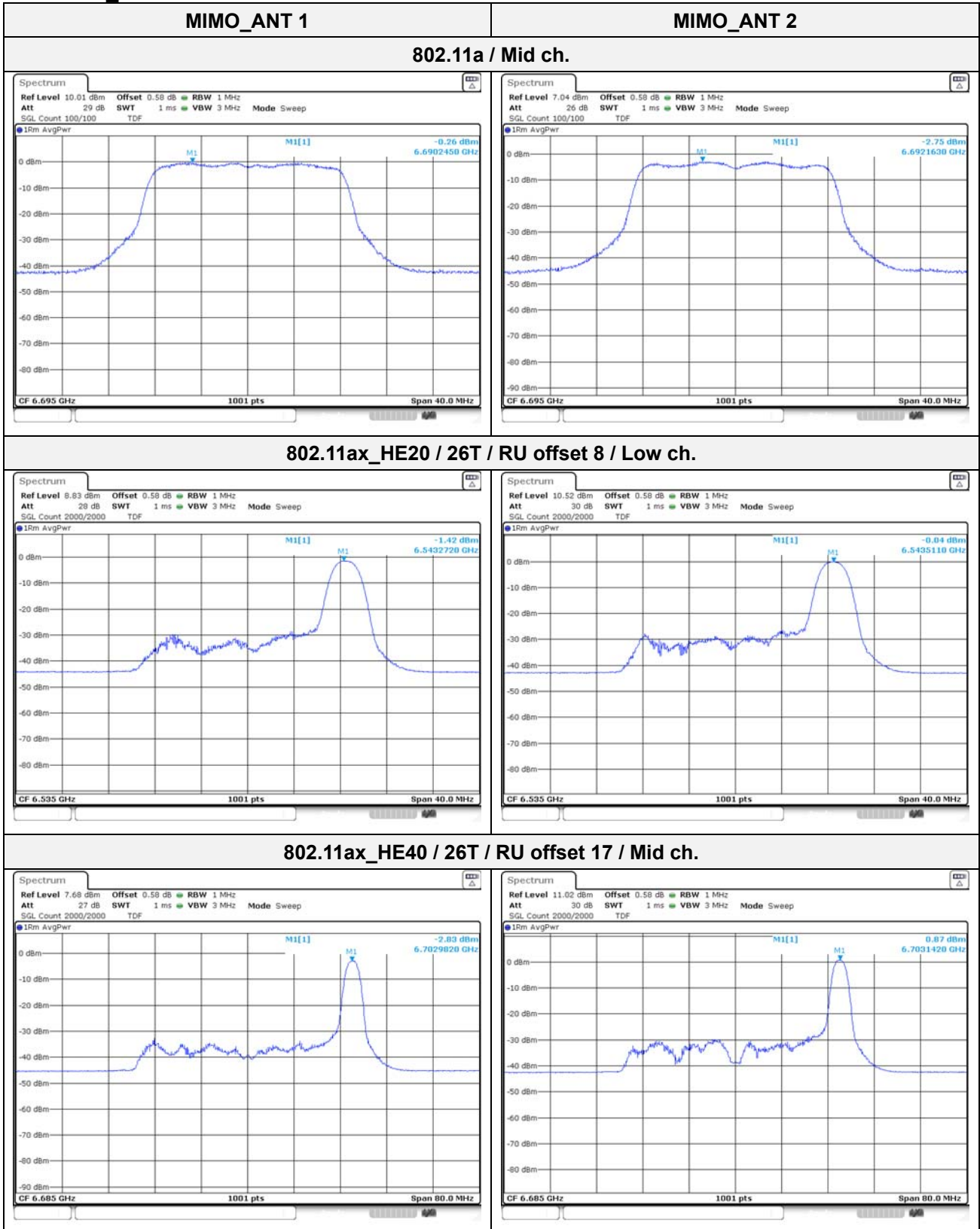
802.11ax_HE80 / 26T / RU offset 36 / Mid ch.



802.11ax_HE160 / 26T / RU offset 36U / Mid ch.



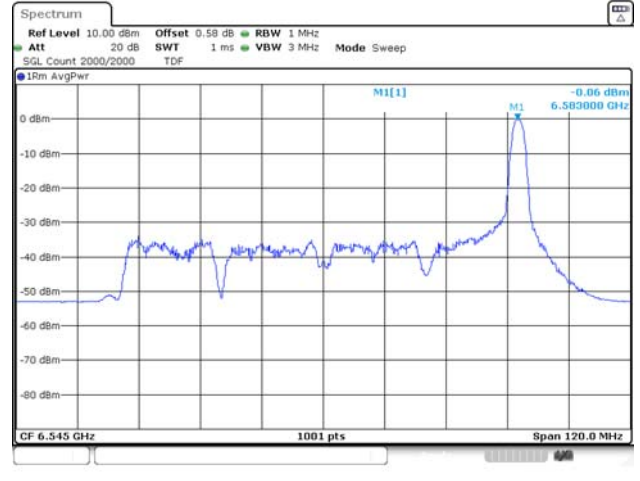
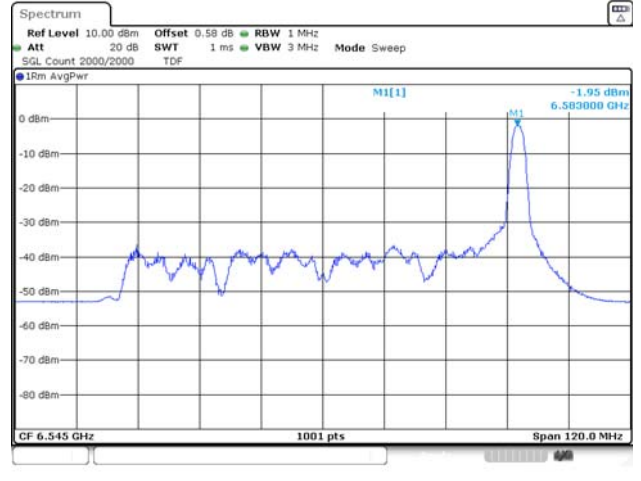
2Tx MIMO_UNII-7 Band



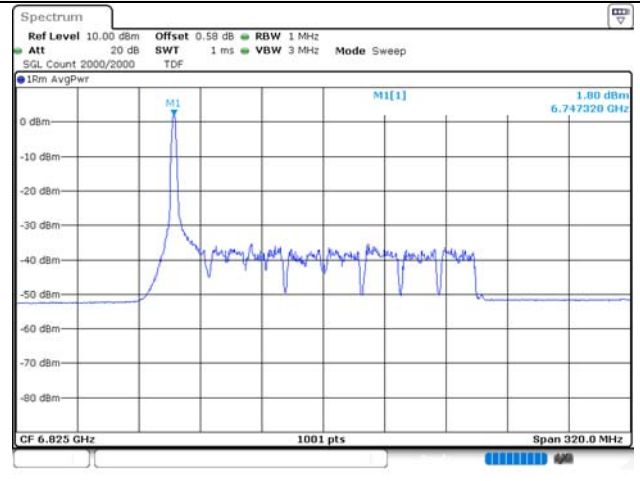
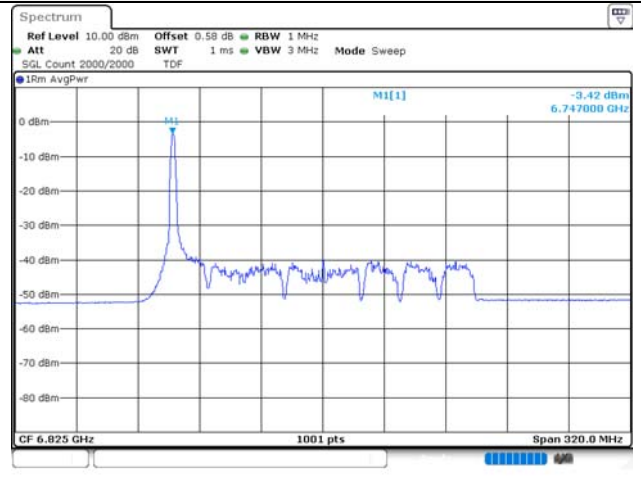
MIMO_ANT 1

MIMO_ANT 2

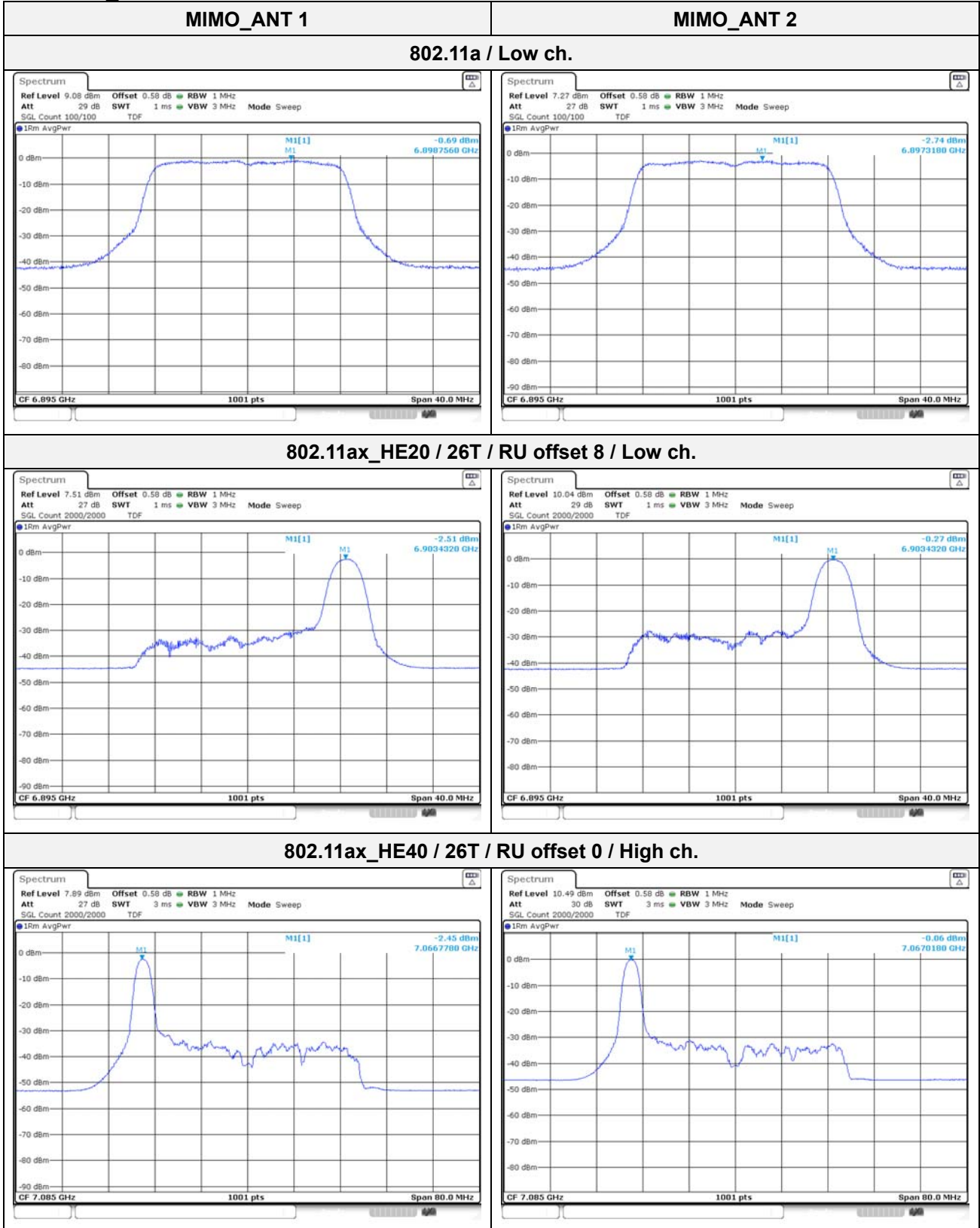
802.11ax_HE80 / 26T / RU offset 36 / Low ch.

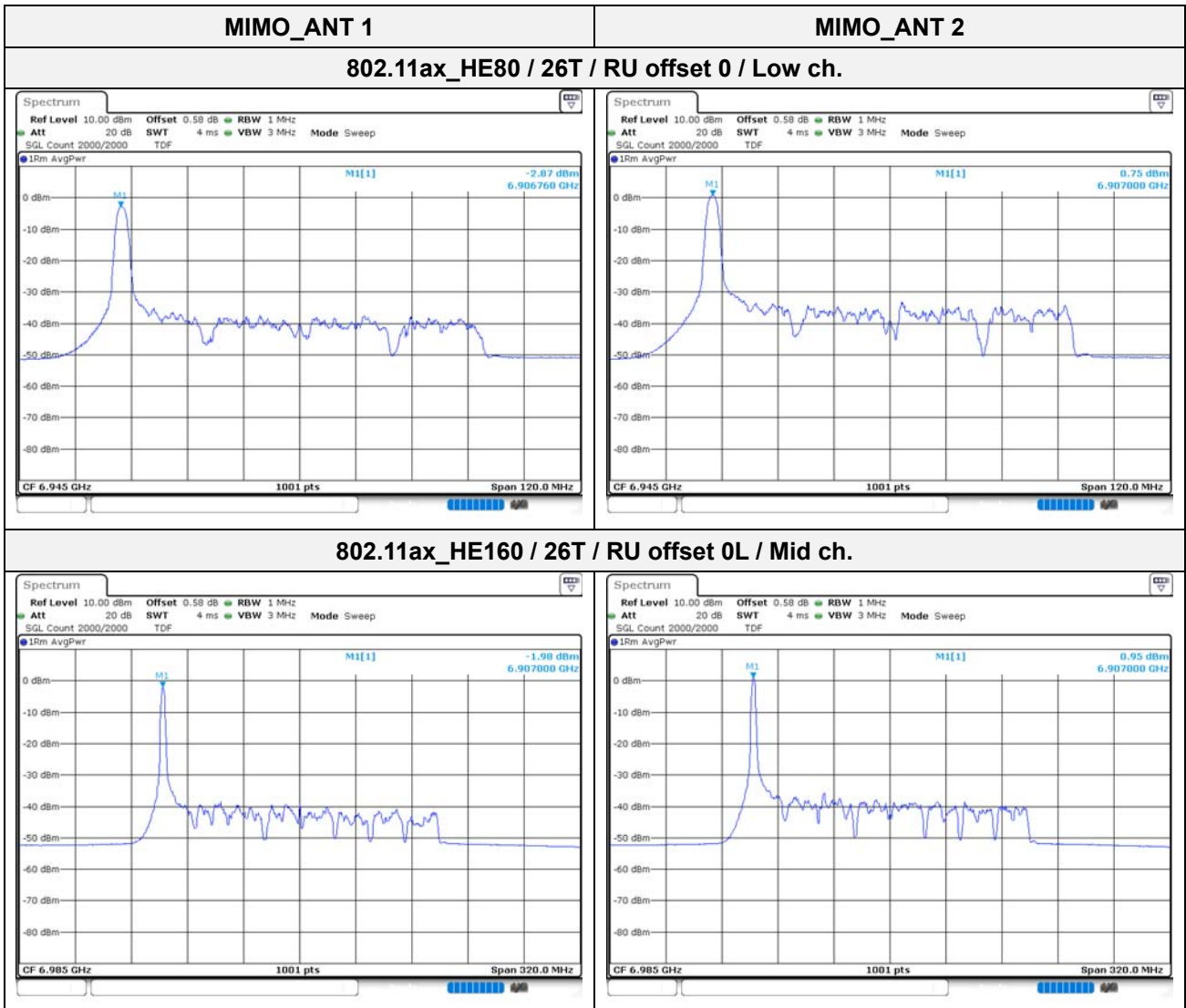


802.11ax_HE160 / 26T / RU offset 0L / High ch.



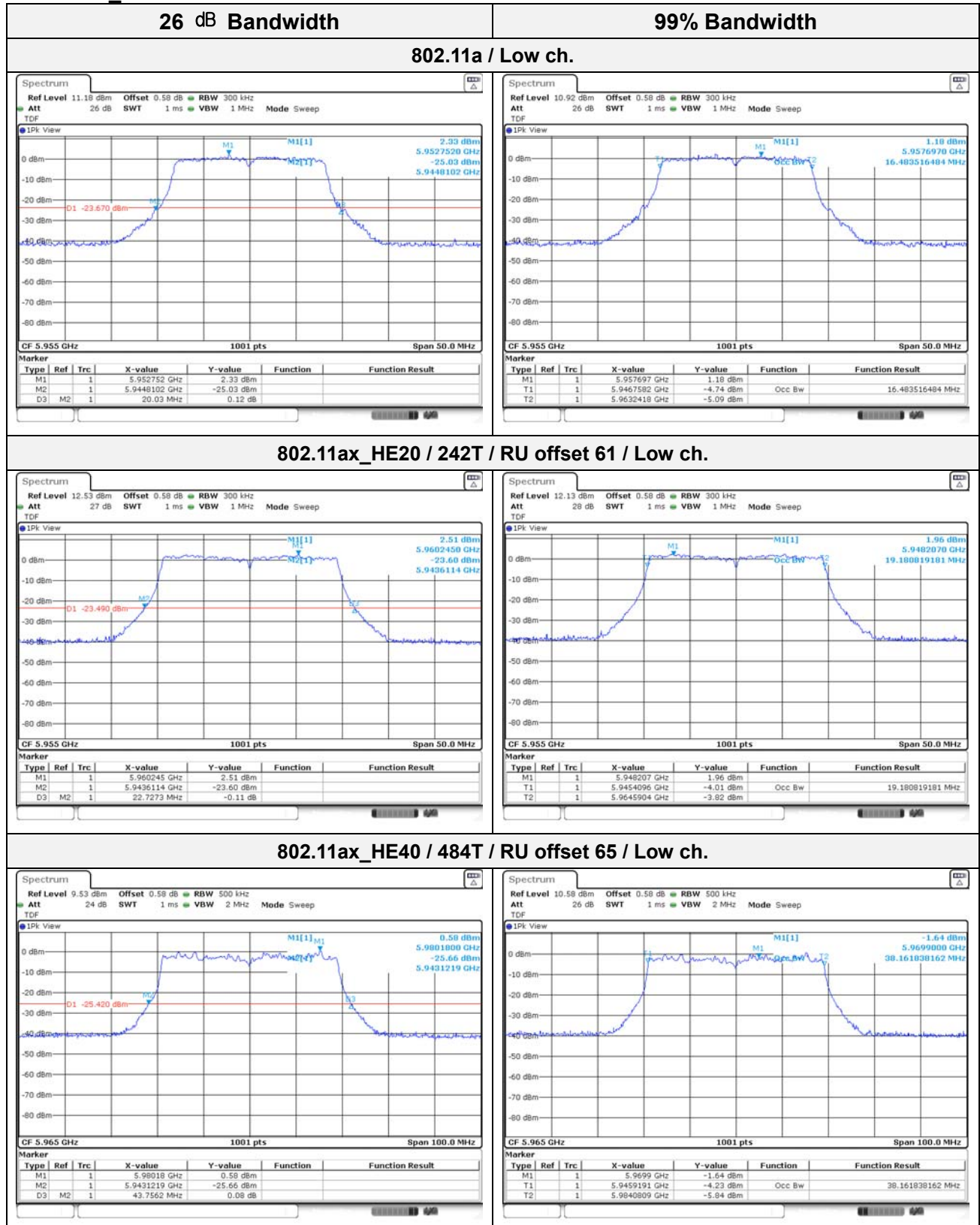
2Tx MIMO_UNII-8 Band





26 dB Bandwidth & 99% Bandwidth

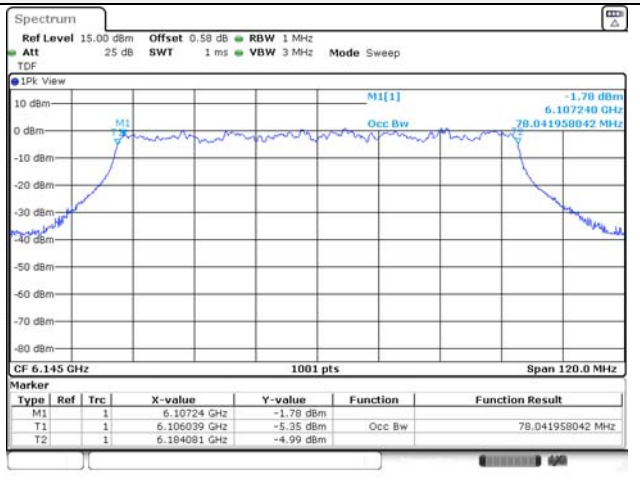
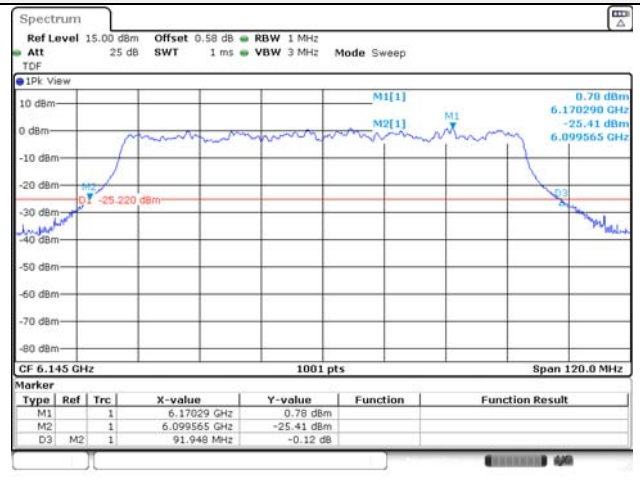
In order to simplify the report, attached plots were the worst case of ANT 1 per bandwidth. For 99% Bandwidth, It was also based on 26 dB Bandwidth's worst scenario
2Tx MIMO_UNII-5 Band



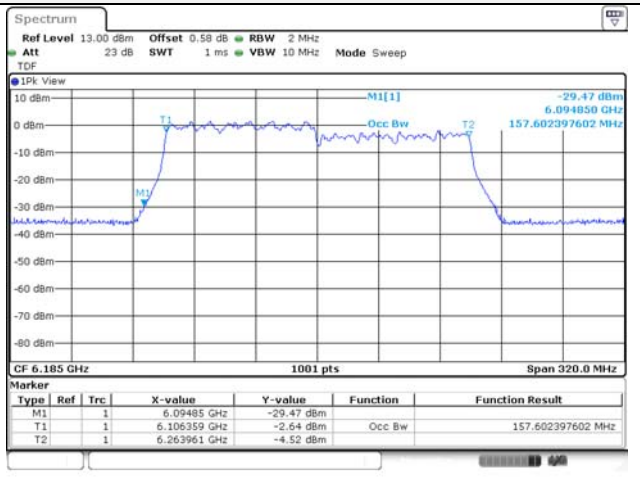
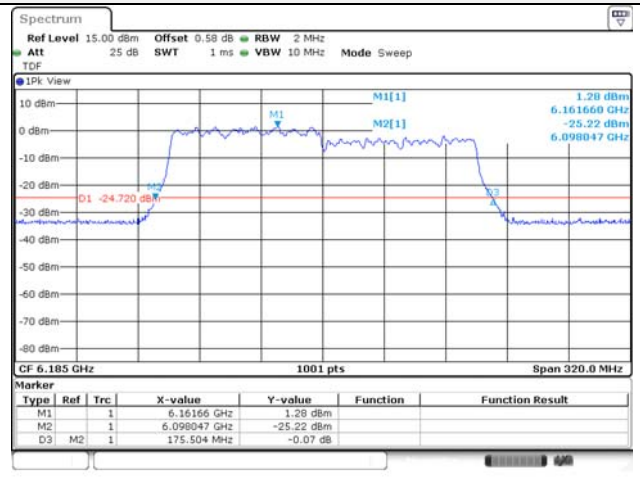
26 dB Bandwidth

99% Bandwidth

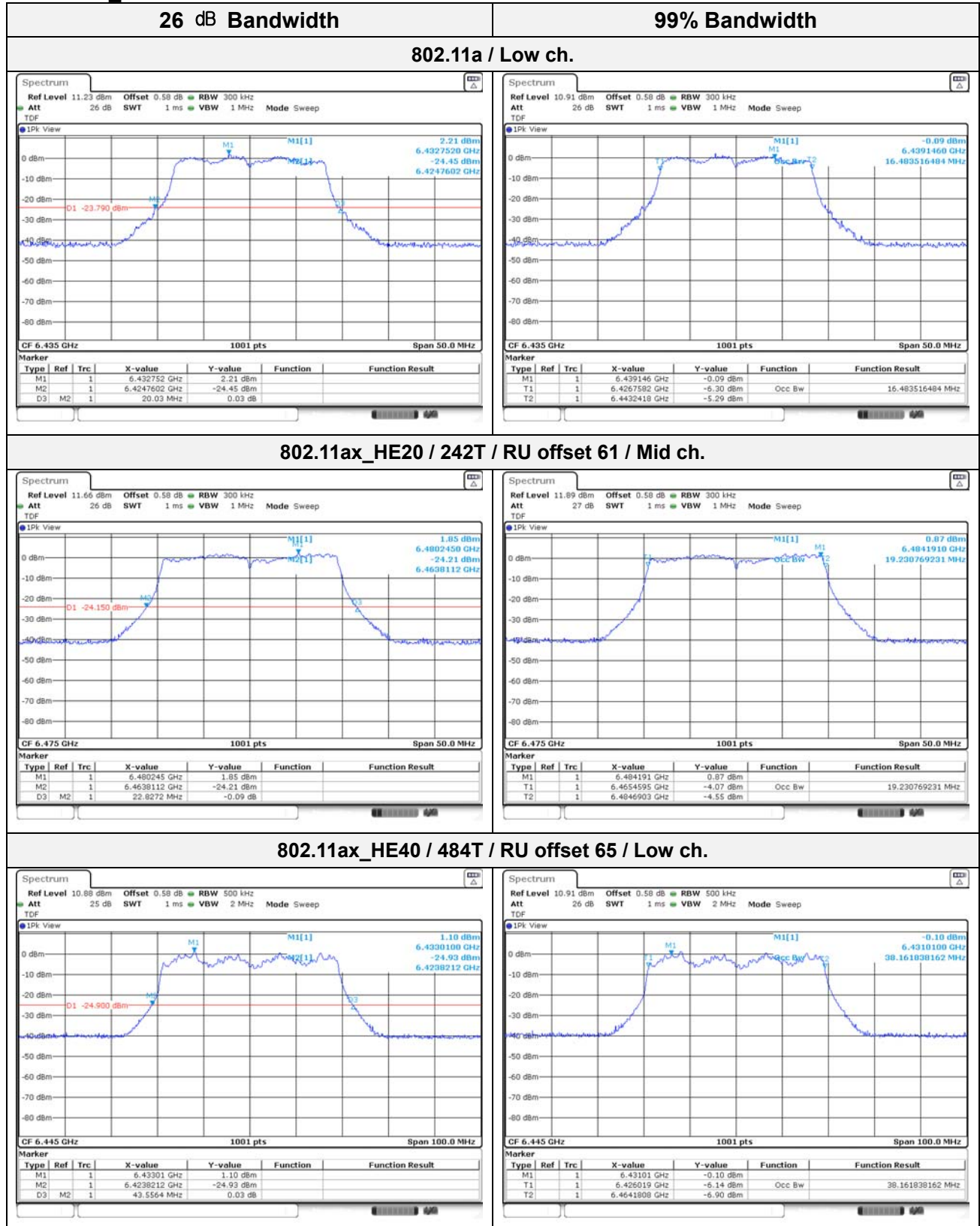
802.11ax_HE80 / 996T / RU offset 67 / Mid ch.



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



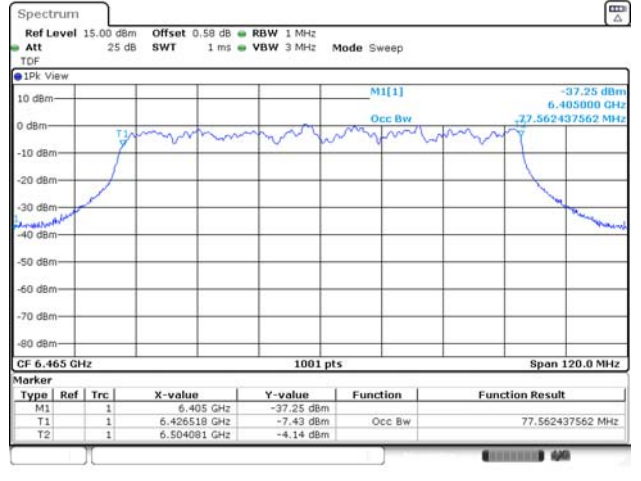
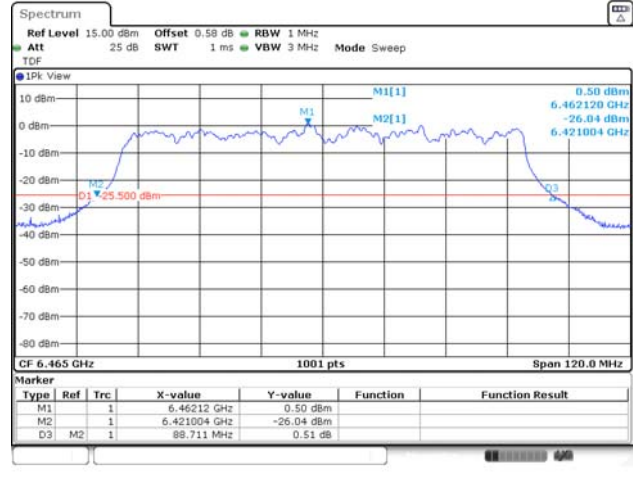
2Tx MIMO_UNII-6 Band



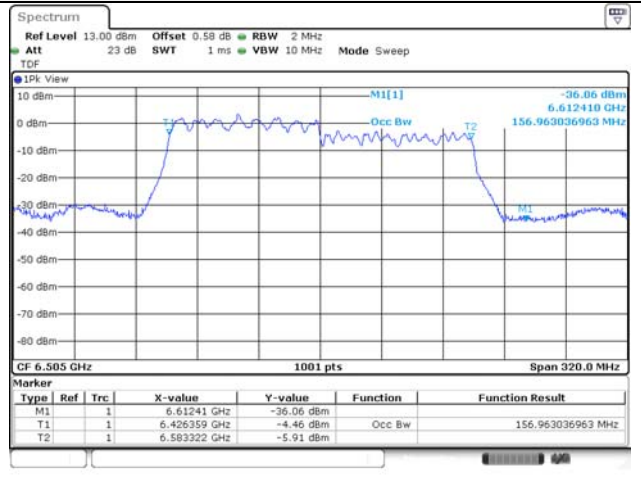
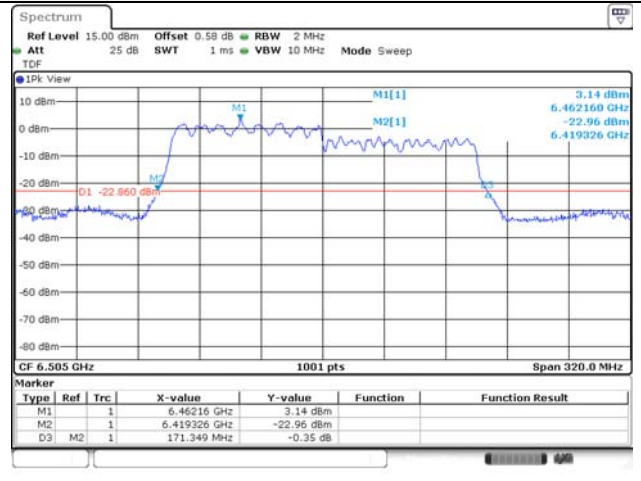
26 dB Bandwidth

99% Bandwidth

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



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

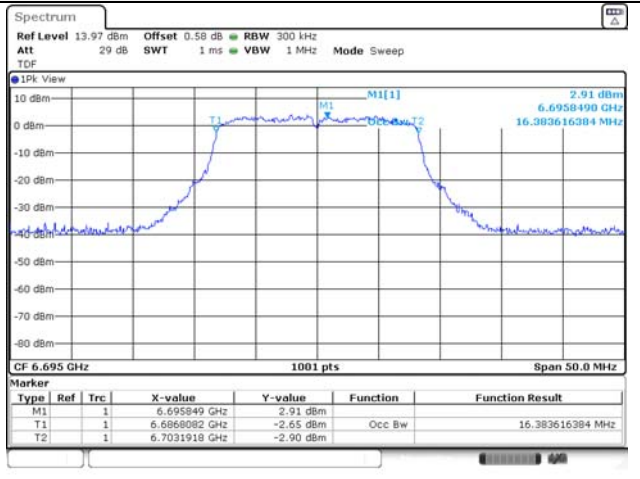
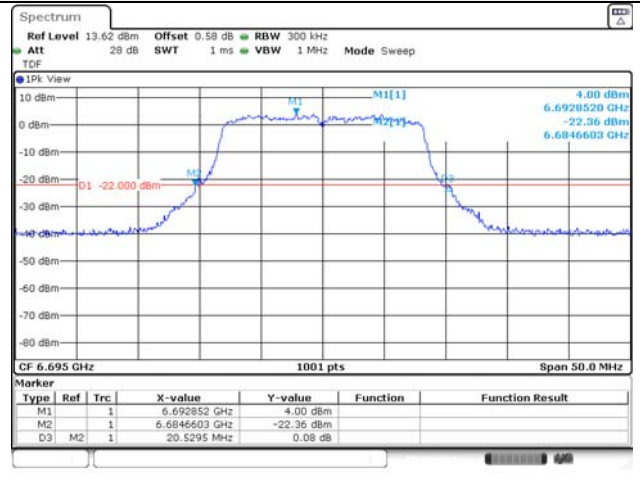


2Tx MIMO_UNII-7 Band

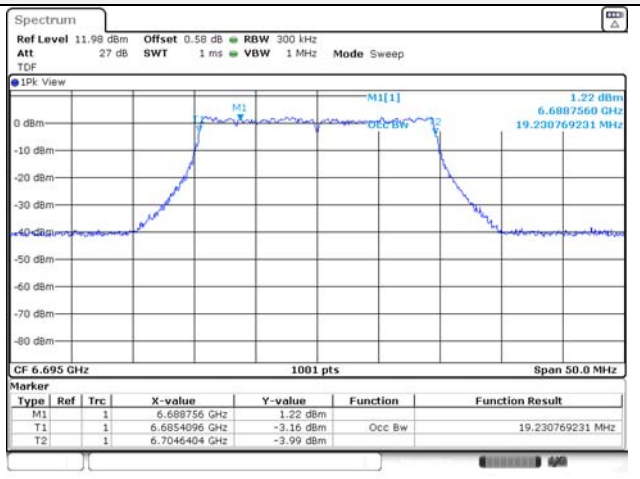
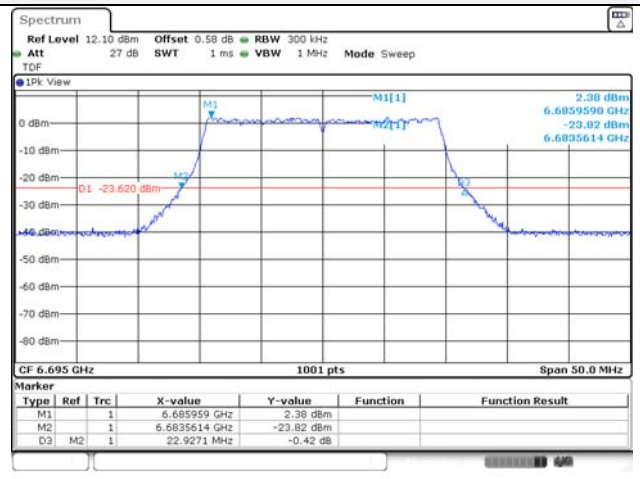
26 dB Bandwidth

99% Bandwidth

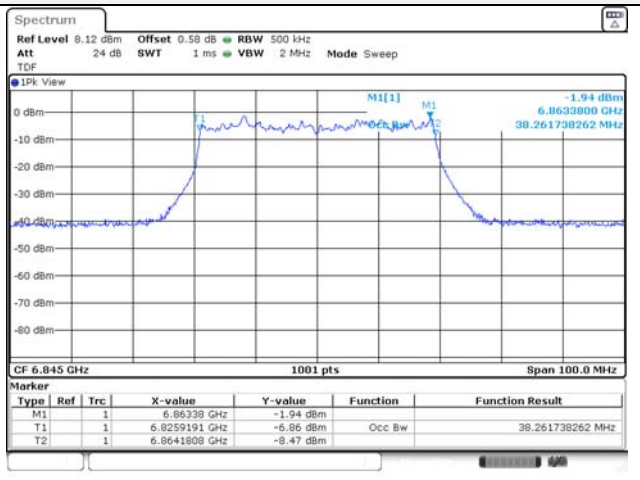
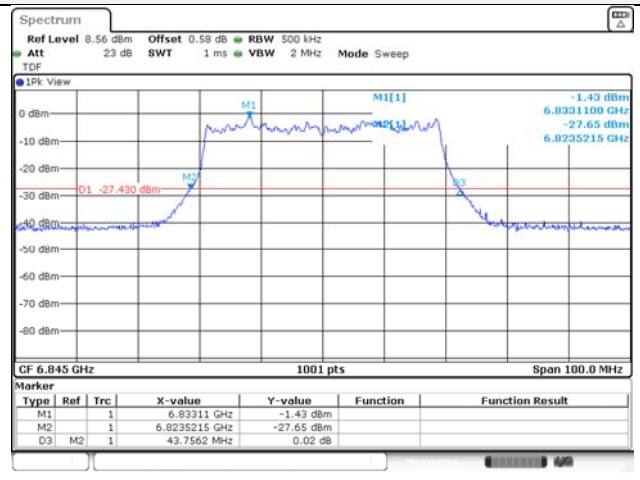
802.11a / Mid ch.



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



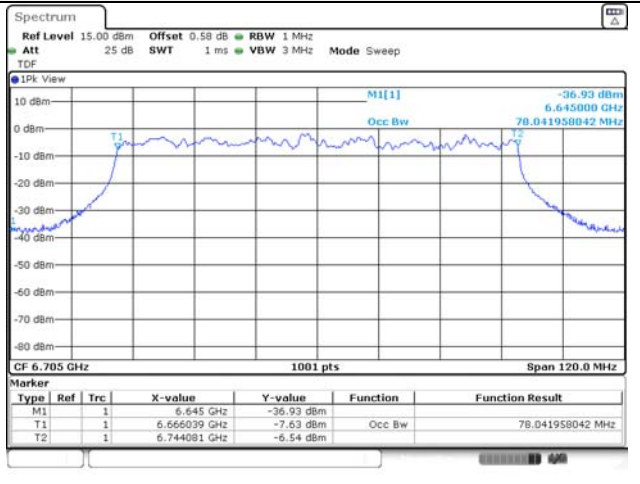
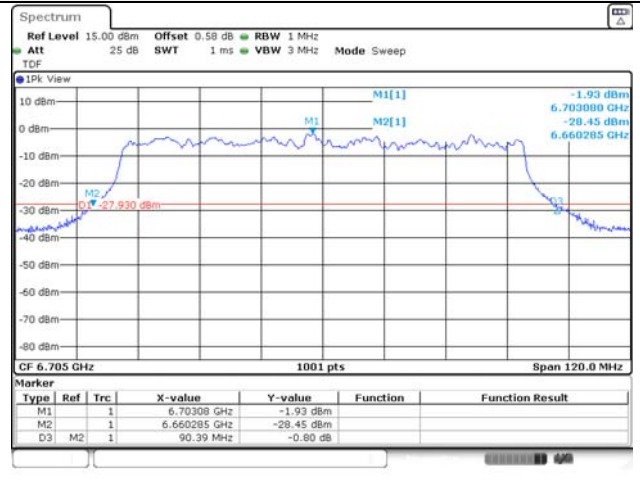
802.11ax_HE40 / 484T / RU offset 65 / High ch.



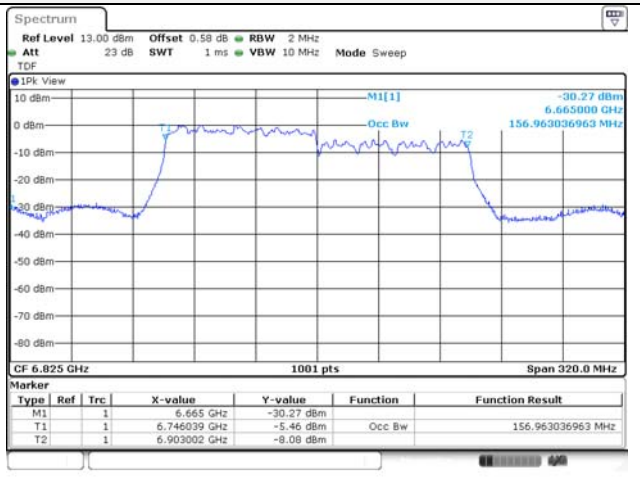
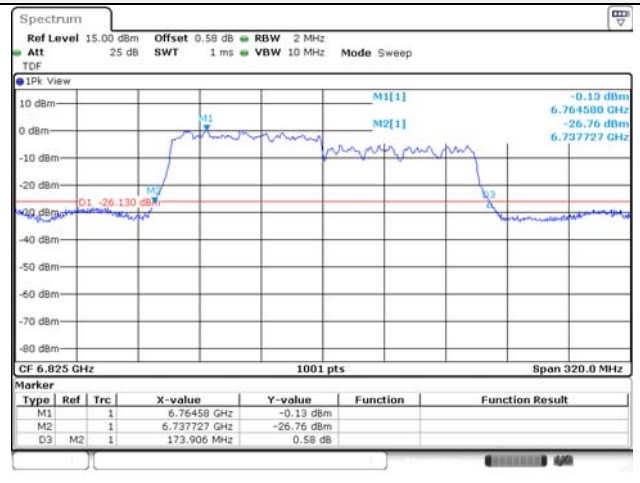
26 dB Bandwidth

99% Bandwidth

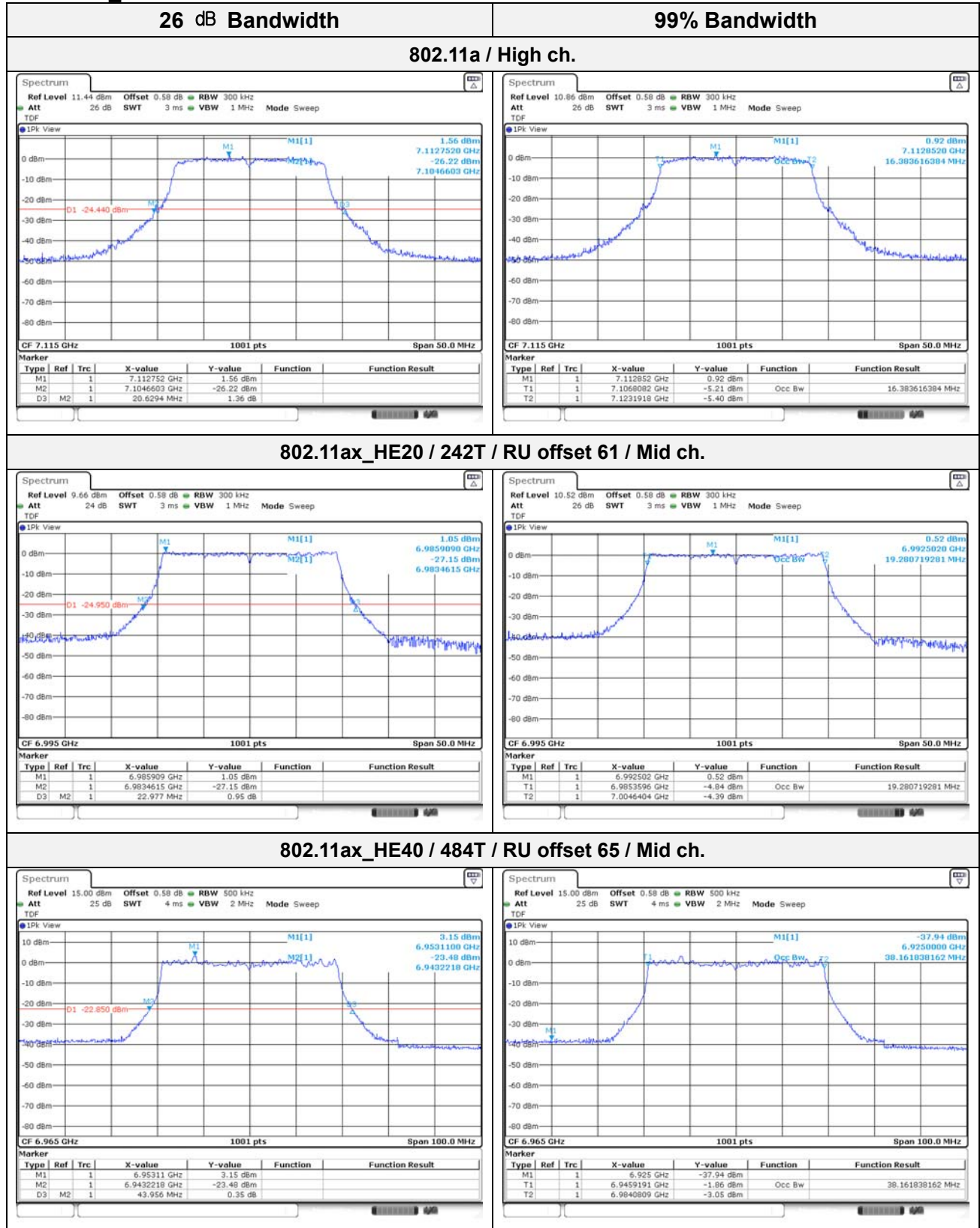
802.11ax_HE80 / 996T / RU offset 67 / Mid ch.



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



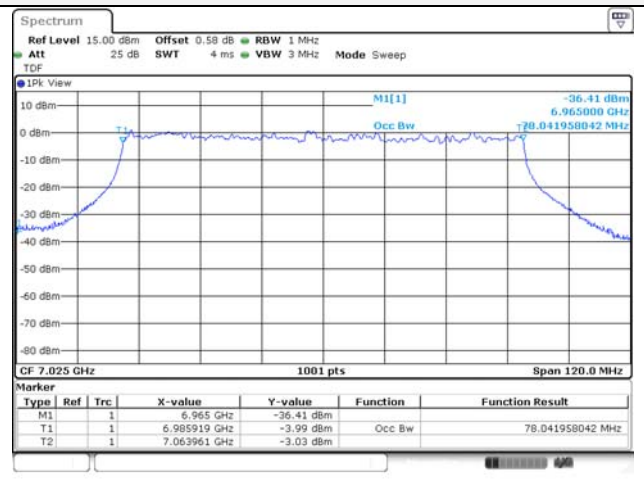
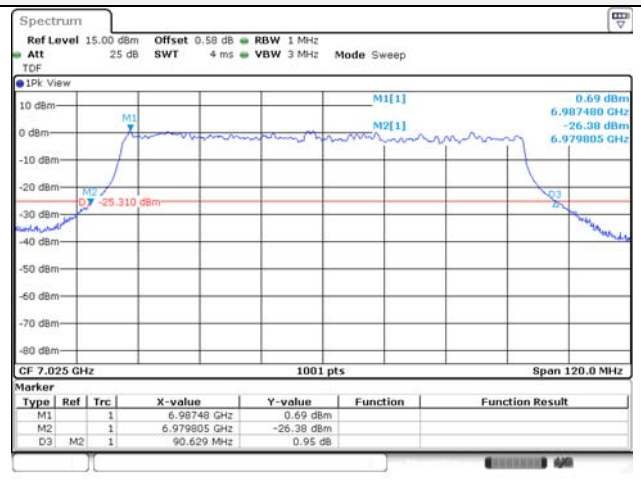
2Tx MIMO_UNII-8 Band



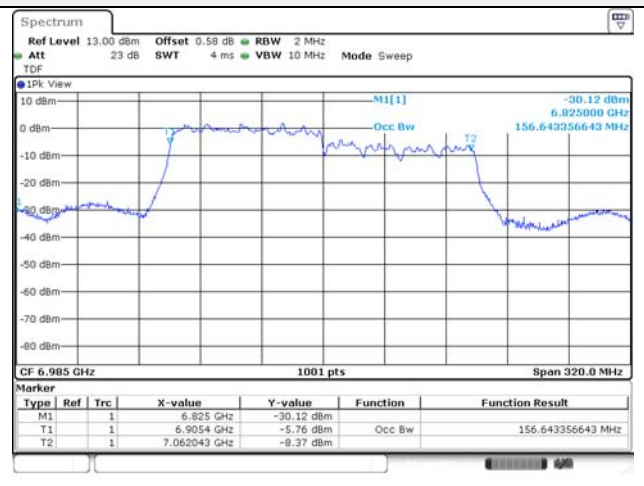
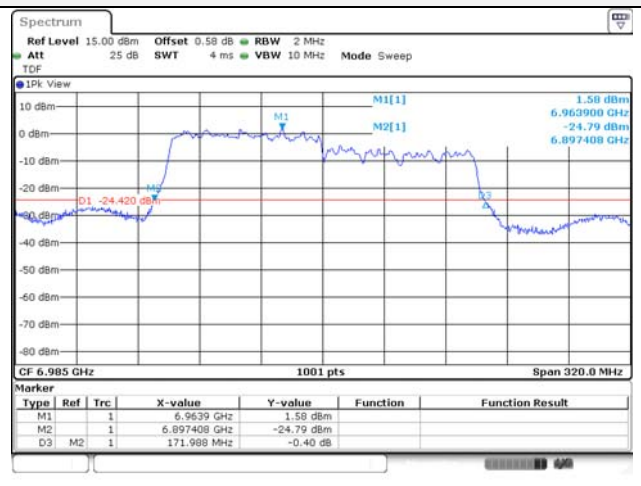
26 dB Bandwidth

99% Bandwidth

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



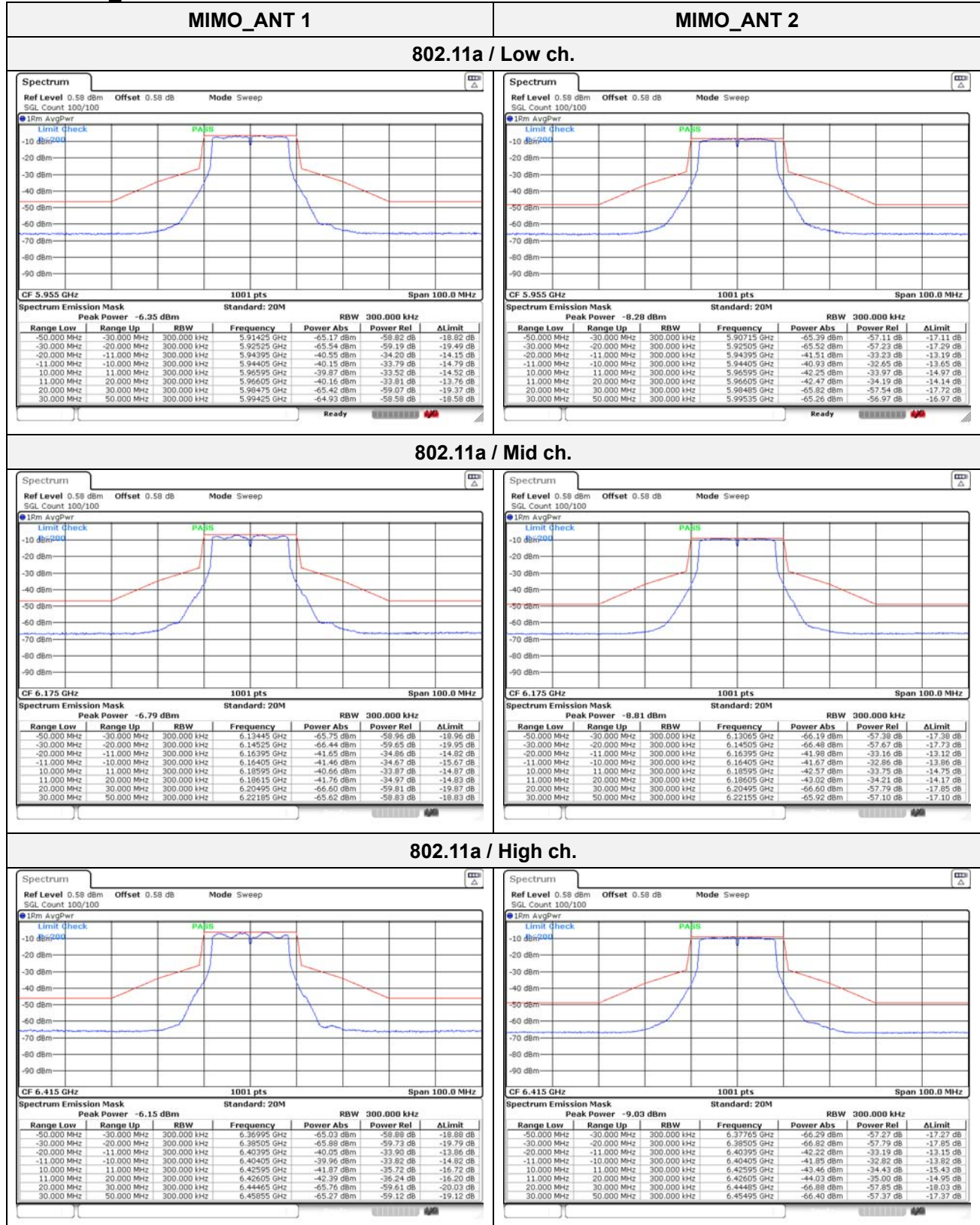
802.11ax_HE160 / 996T / RU offset 67L / Mid ch.



In-Band Emission

In order to simplify the report, For RU case, only the RU allocation near the emission mask plots were attached.

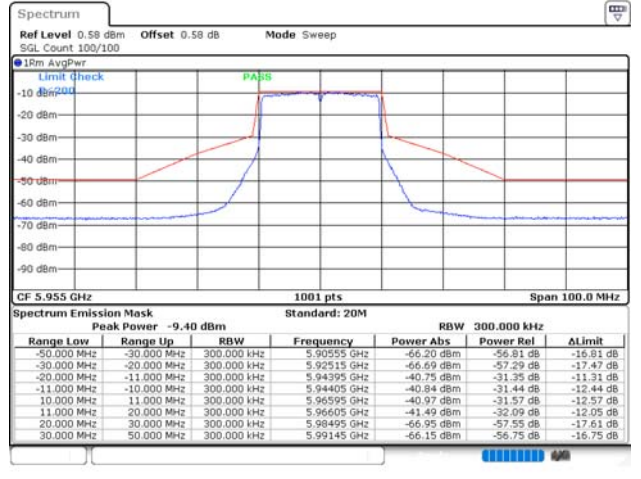
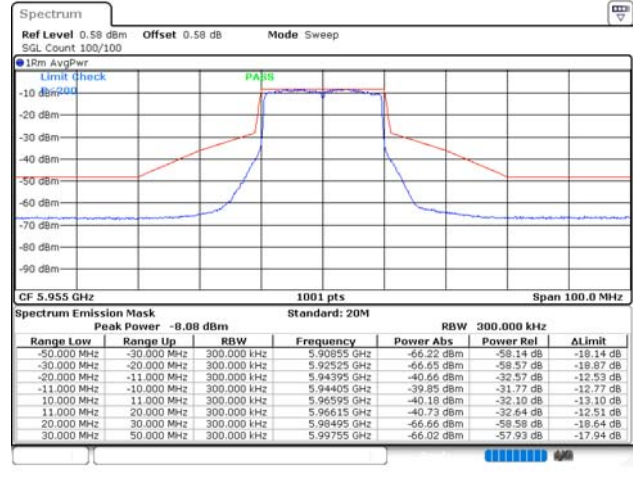
2Tx MIMO_UNII-5 Band



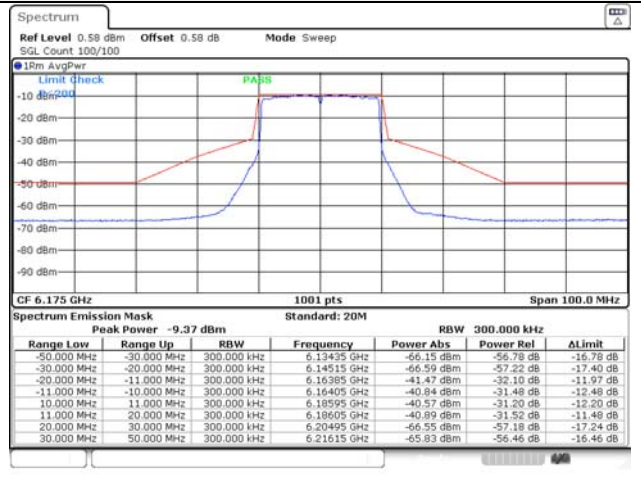
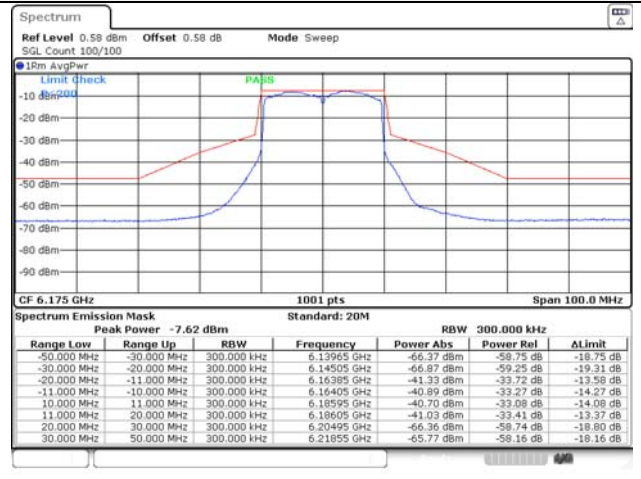
MIMO_ANT 1

MIMO_ANT 2

802.11ax_HE20 / SU / Low ch.



802.11ax_HE20 / SU / Mid ch.



802.11ax_HE20 / SU / High ch.

