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# Appendix A

## Test plots

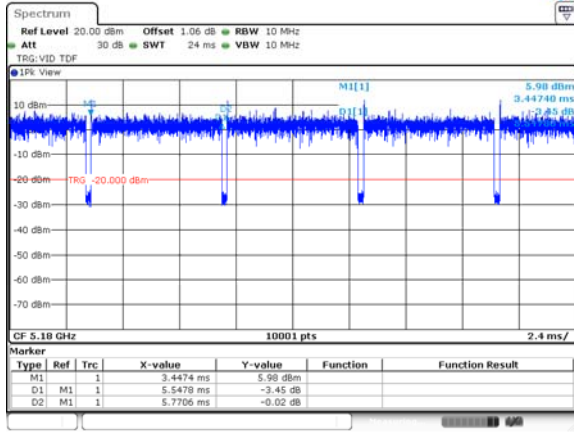
### UNII 802.11ax WLAN

#### REPORT REVISION HISTORY

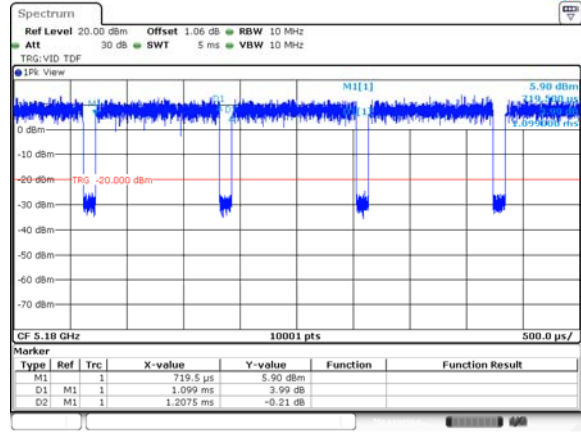
Date	Revision	Page No
2023-11-24	Originally issued	-

**Duty cycle**  
**SISO**

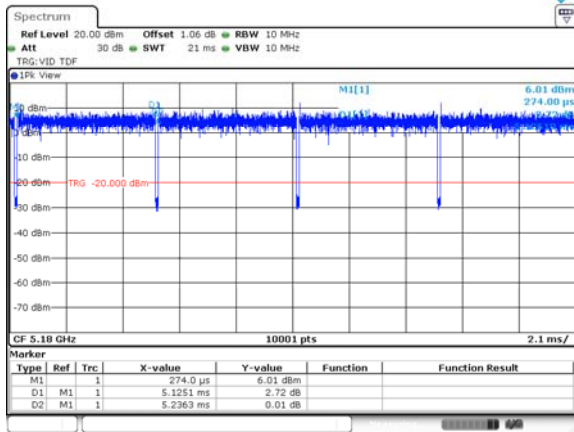
**802.11ax\_HE20 / 26T**



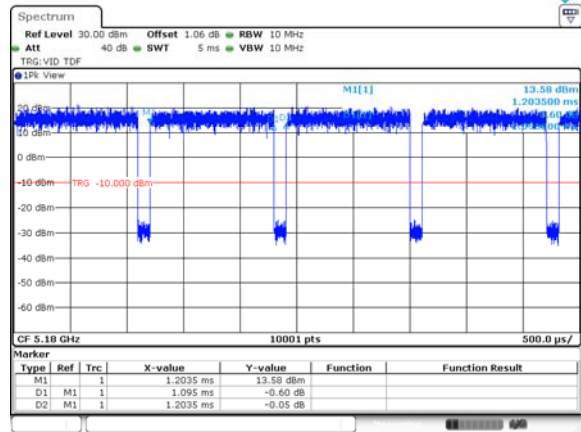
**802.11ax\_HE20 / 242T**



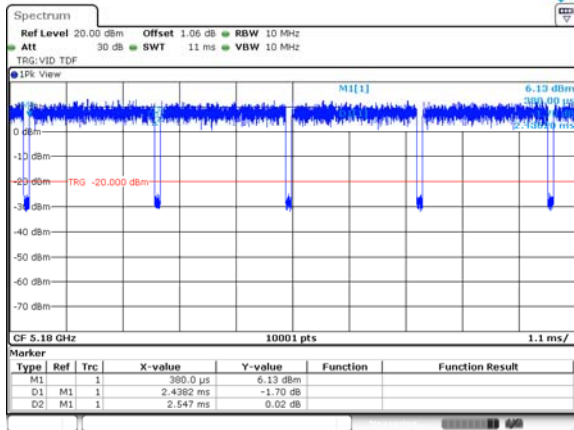
**802.11ax\_HE20 / 52T**



**802.11ax\_HE20 / SU**

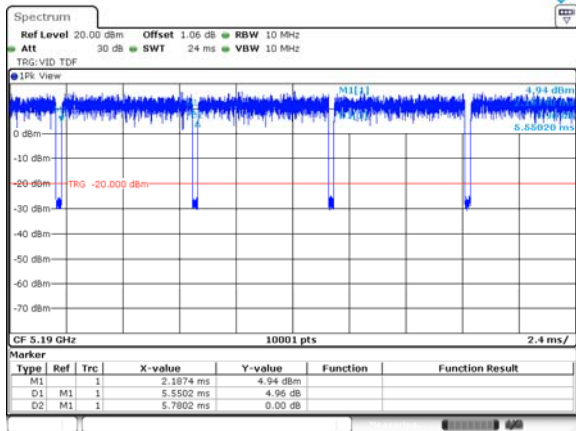


**802.11ax\_HE20 / 106T**

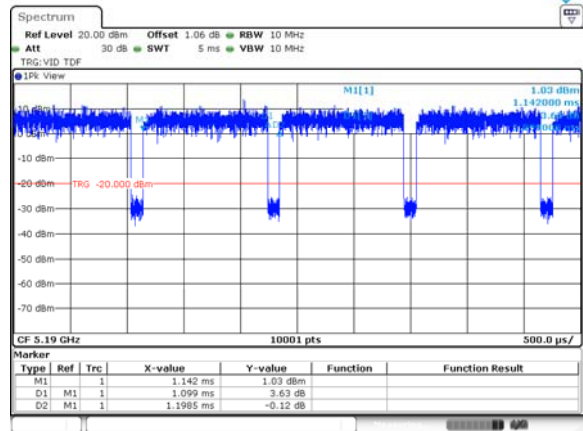


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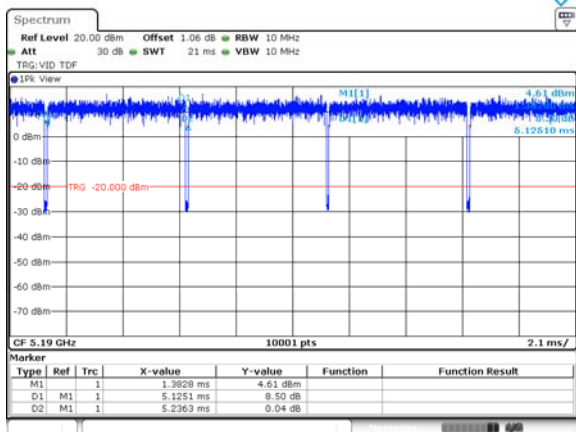
802.11ax\_HE40 / 26T



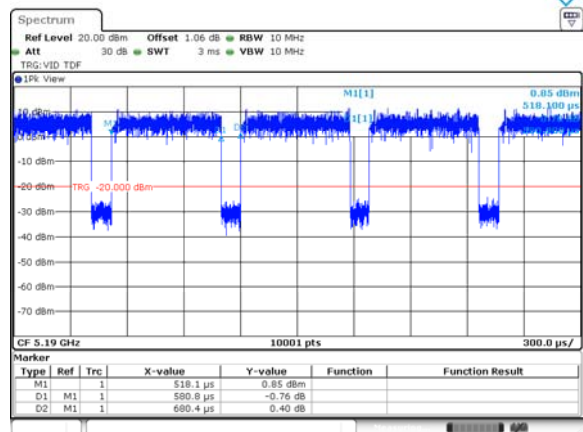
802.11ax\_HE40 / 242T



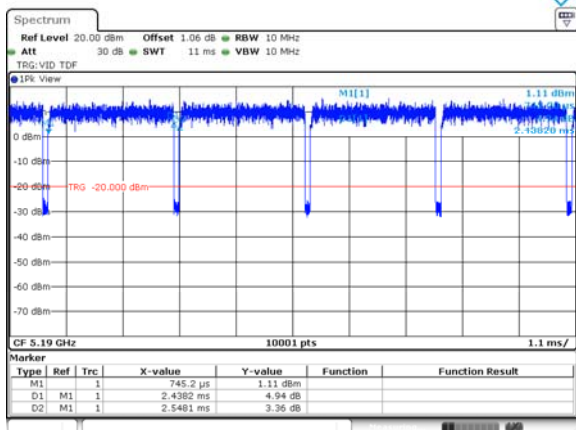
802.11ax\_HE40 / 52T



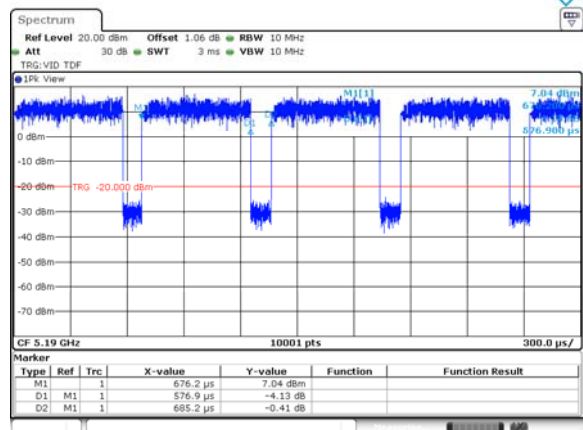
802.11ax\_HE40 / 484T



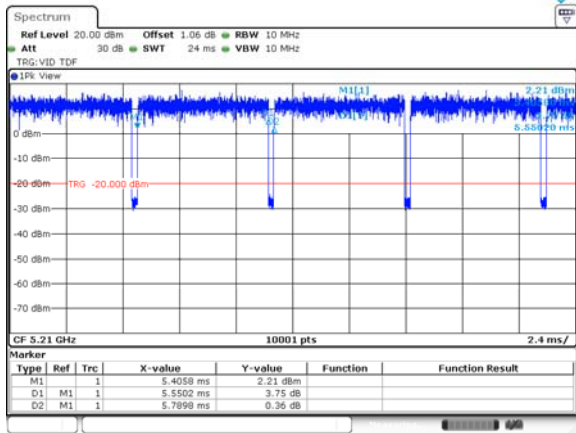
802.11ax\_HE40 / 106T



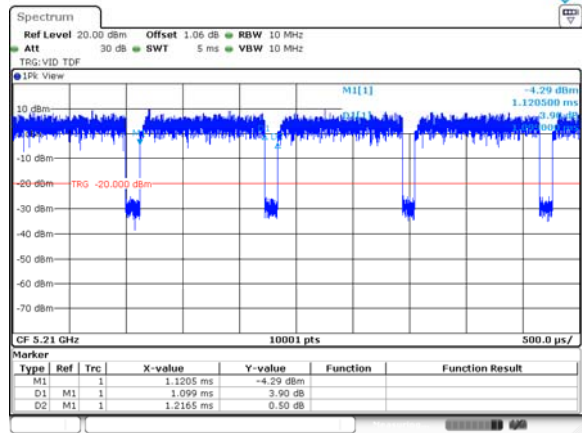
802.11ax\_HE40 / SU



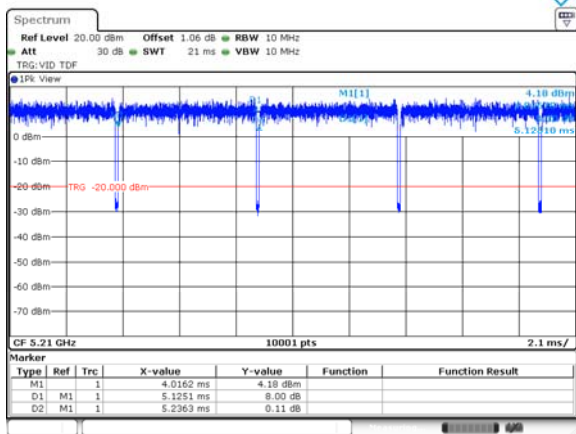
802.11ax\_HE80 / 26T



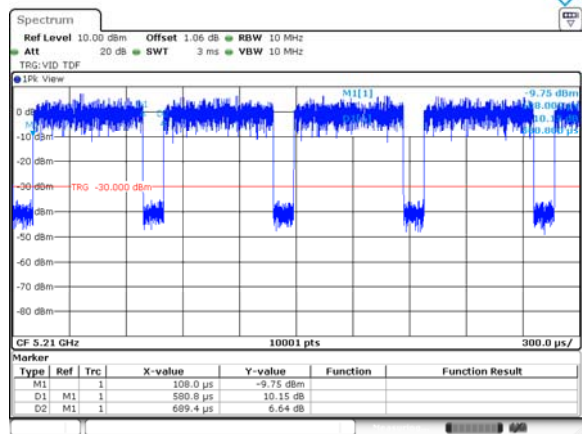
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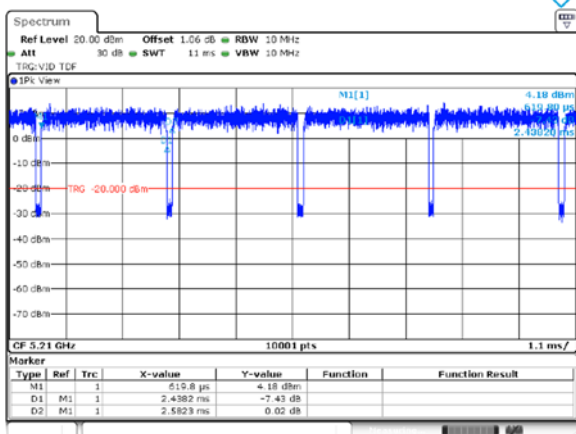
802.11ax\_HE80 / 52T



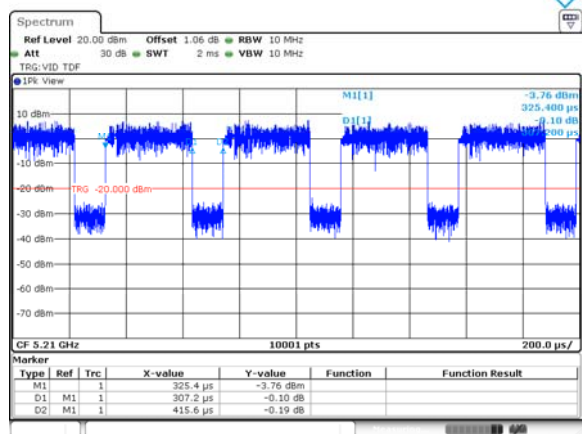
802.11ax\_HE80 / 484T



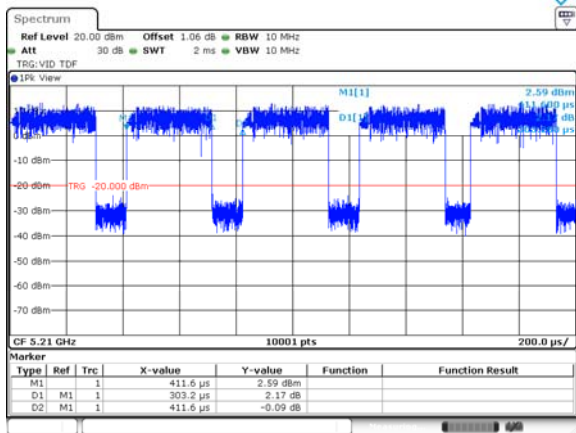
802.11ax\_HE80 / 106T



802.11ax\_HE80 / 996T



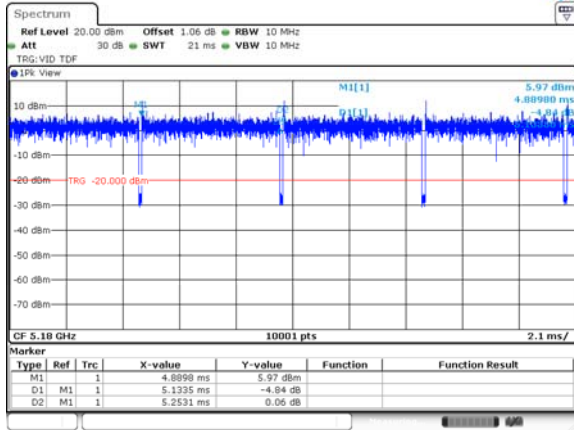
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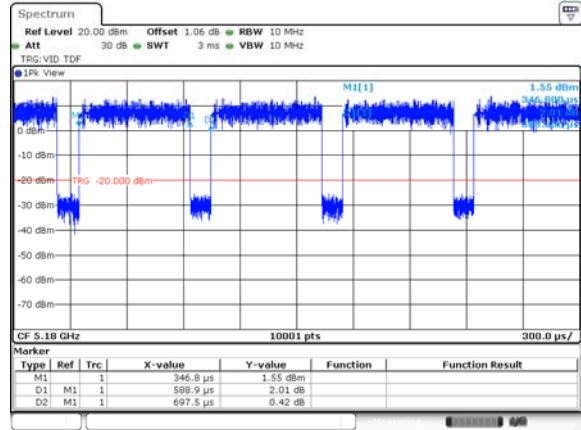
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MIMO

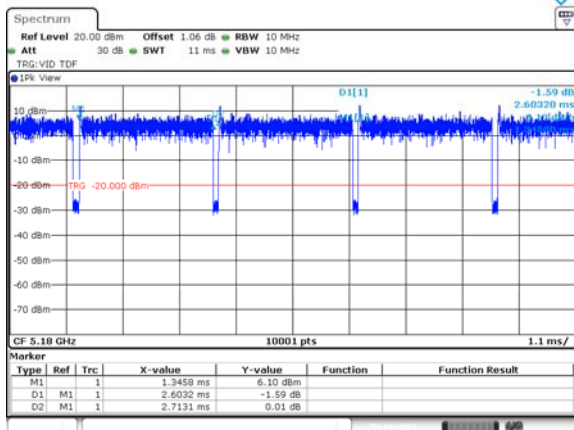
802.11ax\_HE20 / 26T



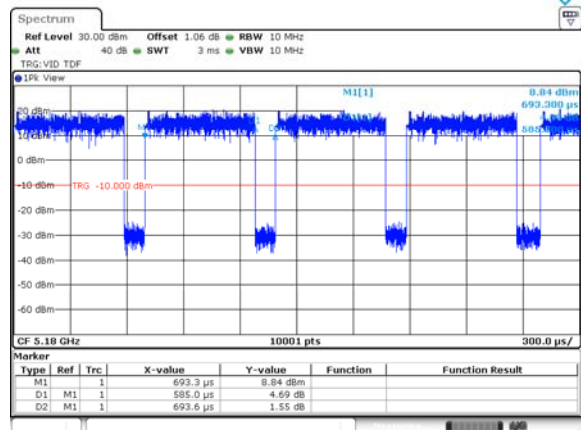
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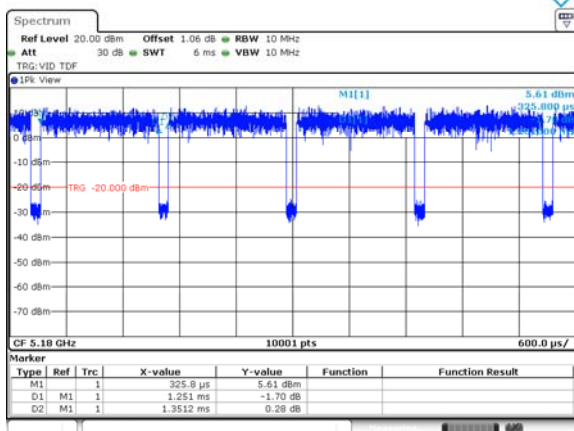
802.11ax\_HE20 / 52T



802.11ax\_HE20 / SU

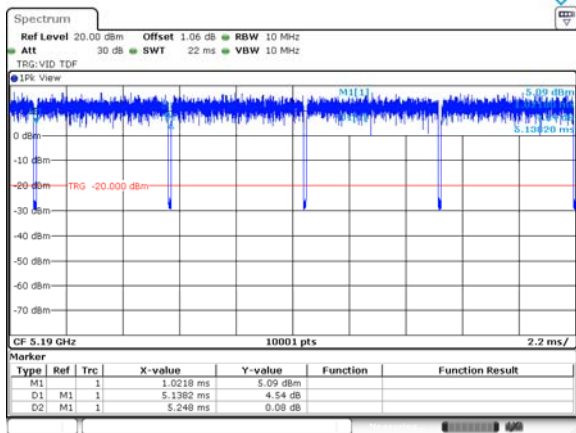


802.11ax\_HE20 / 106T

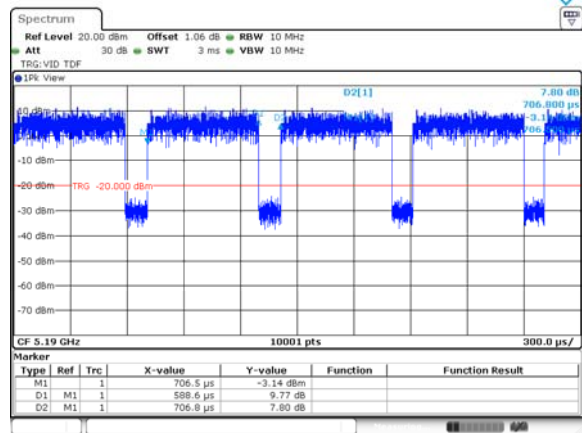


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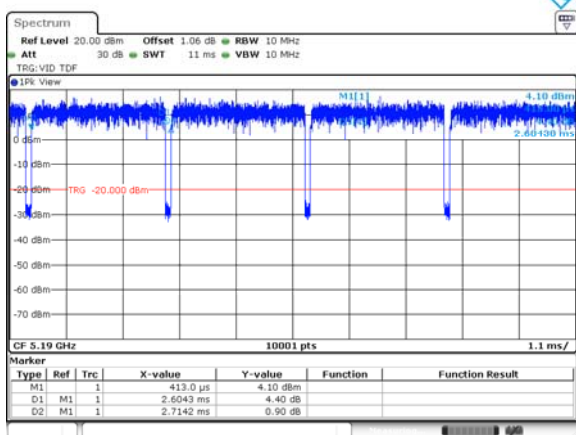
802.11ax\_HE40 / 26T



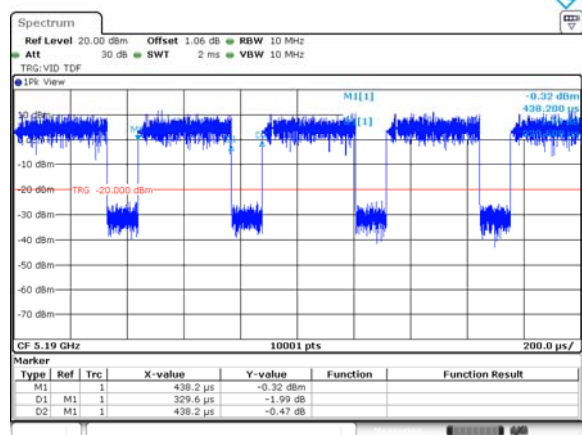
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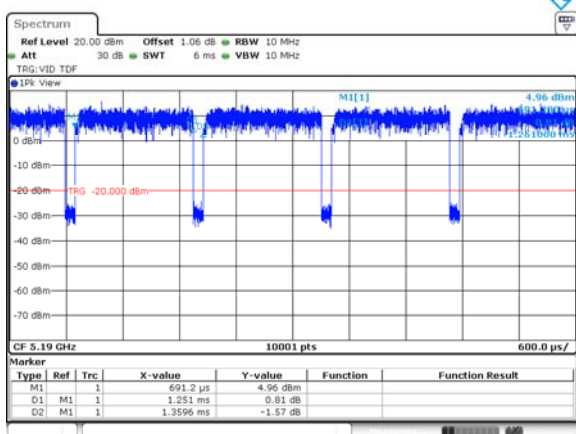
802.11ax\_HE40 / 52T



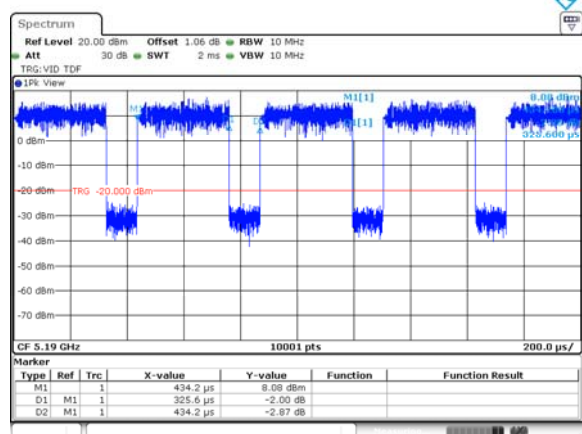
802.11ax\_HE40 / 484T



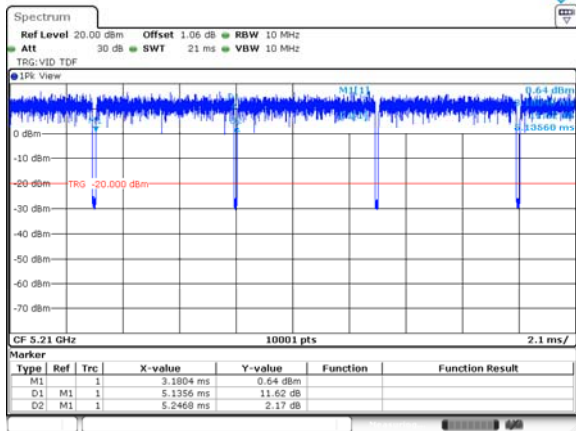
802.11ax\_HE40 / 106T



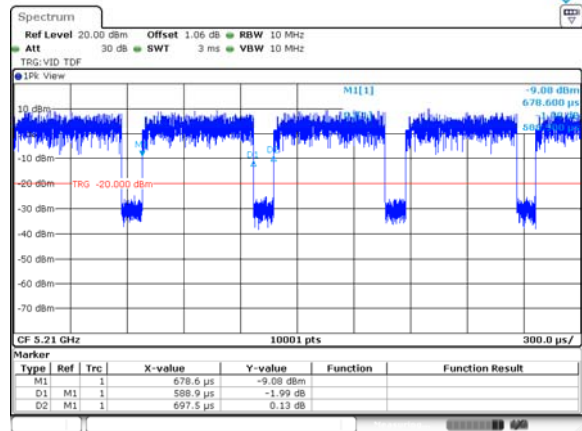
802.11ax\_HE40 / SU



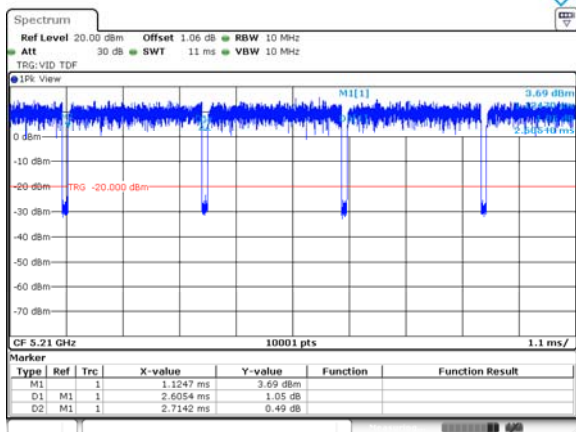
802.11ax\_HE80 / 26T



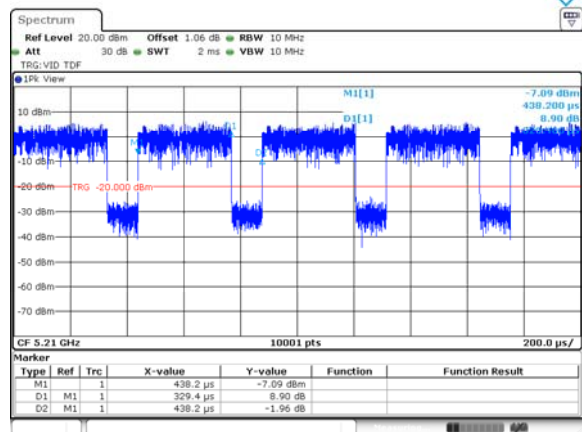
802.11ax\_HE80 / 242T



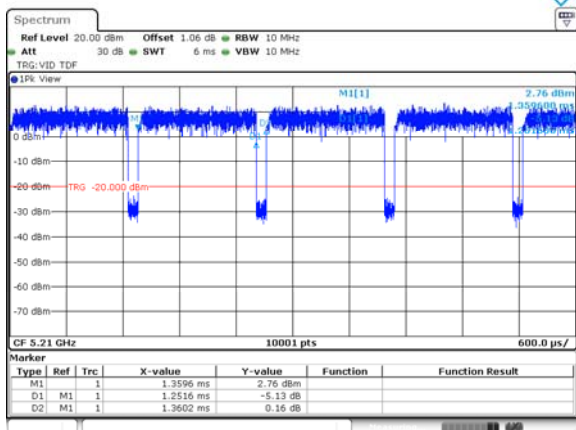
802.11ax\_HE80 / 52T



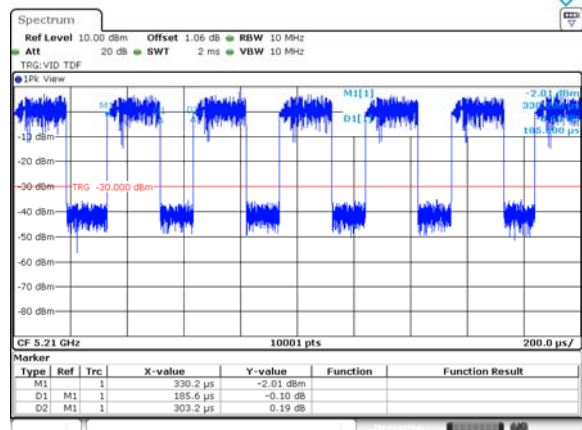
802.11ax\_HE80 / 484T



802.11ax\_HE80 / 106T

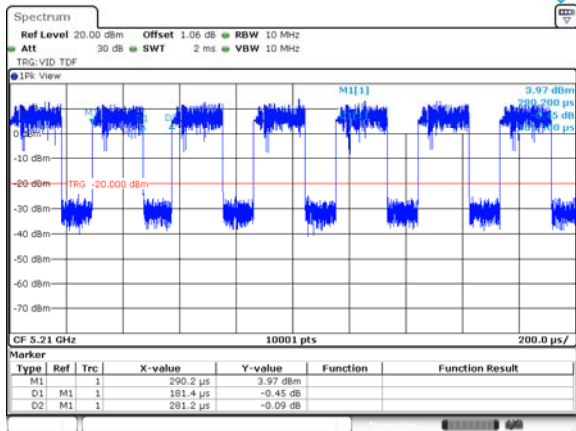


802.11ax\_HE80 / 996T





802.11ax\_HE80 / SU

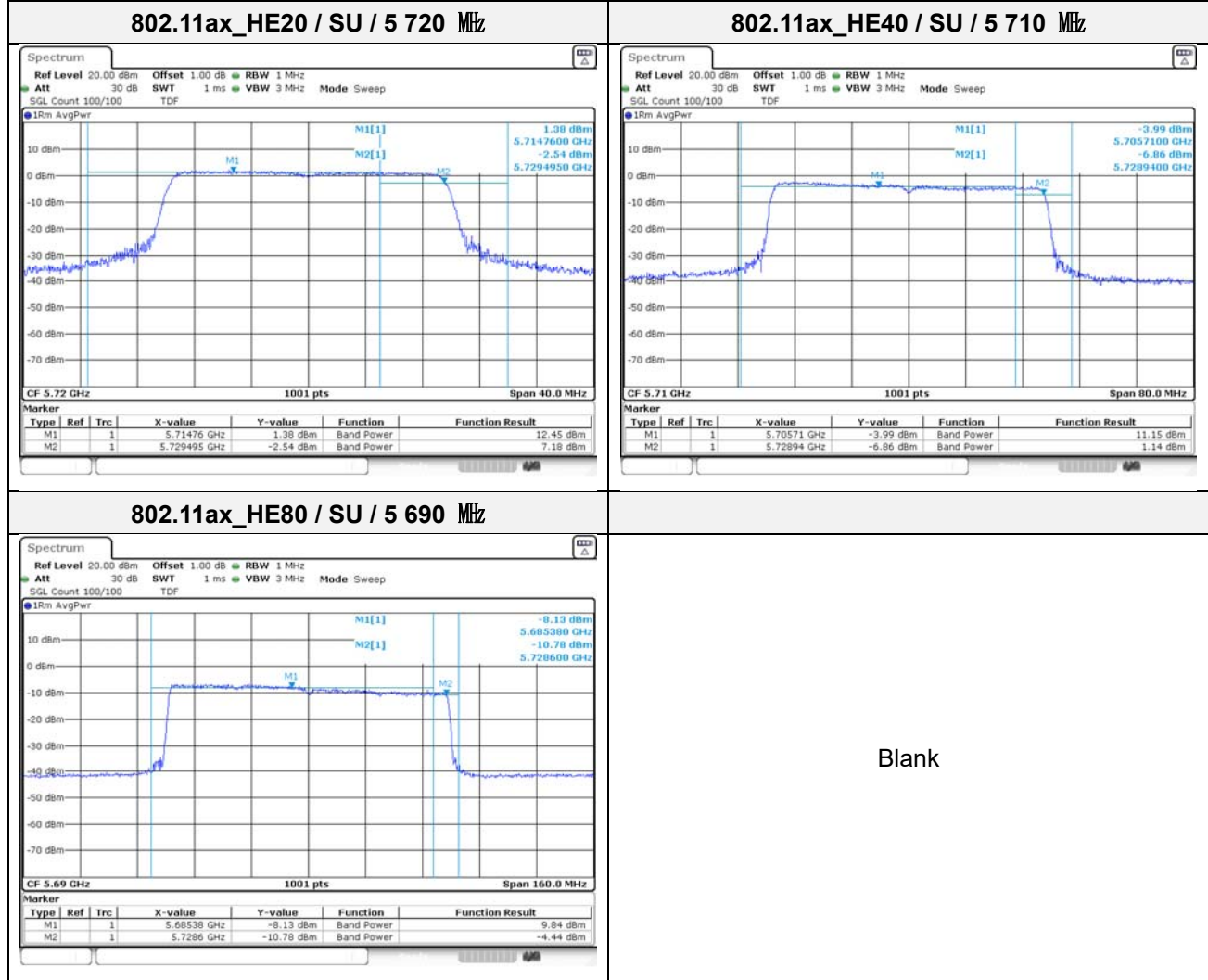


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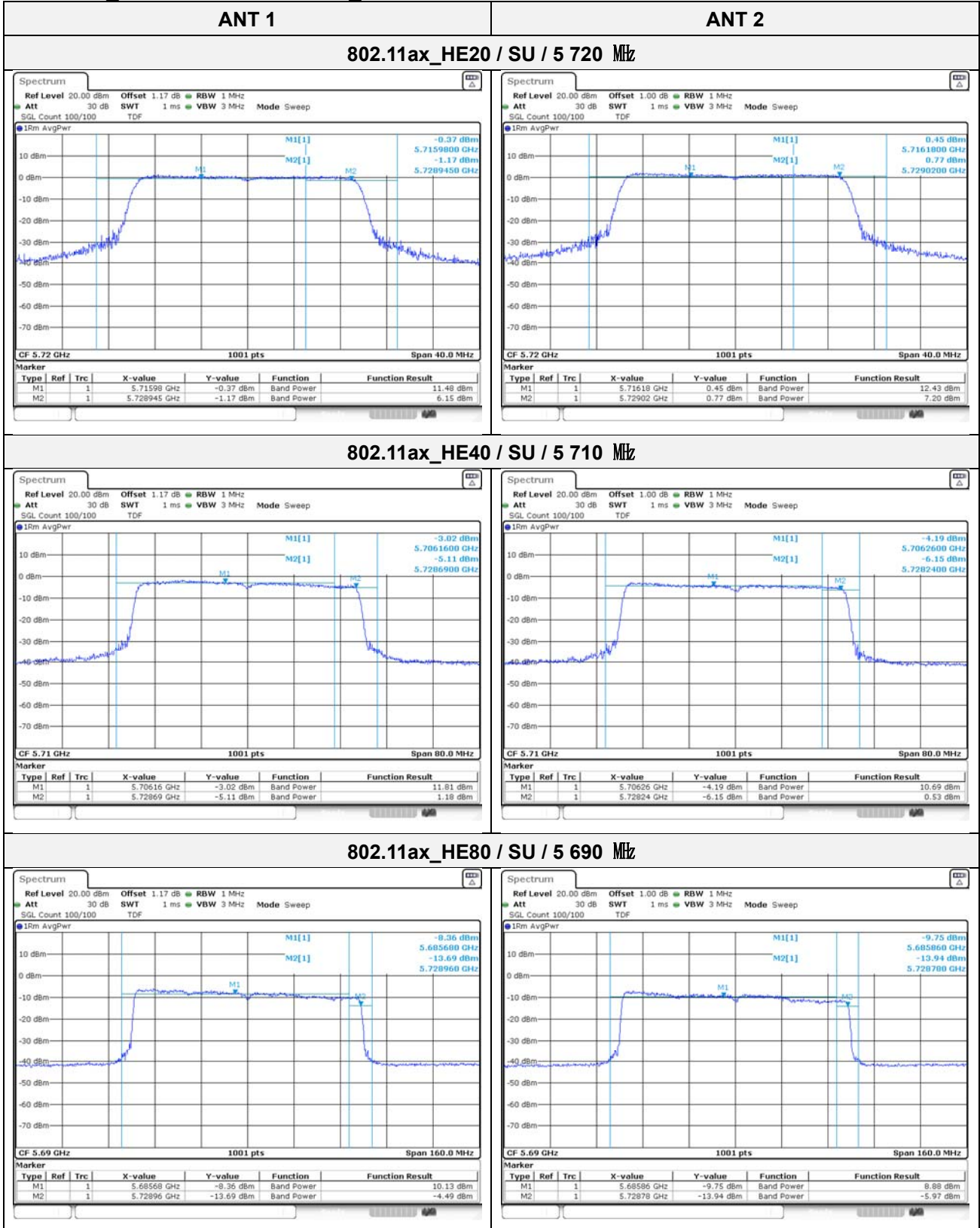
**Maximum conducted output power and E.I.R.P**

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**

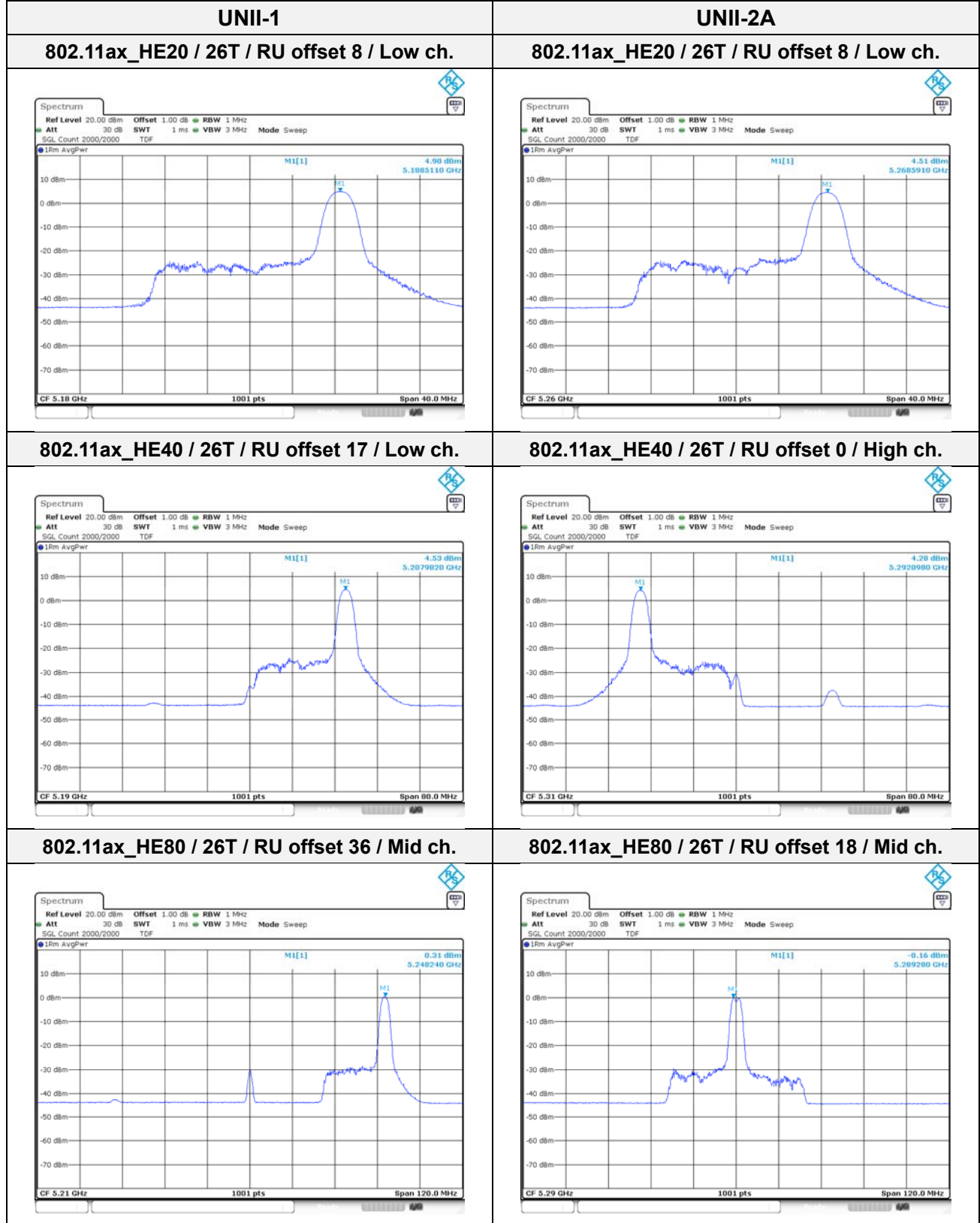


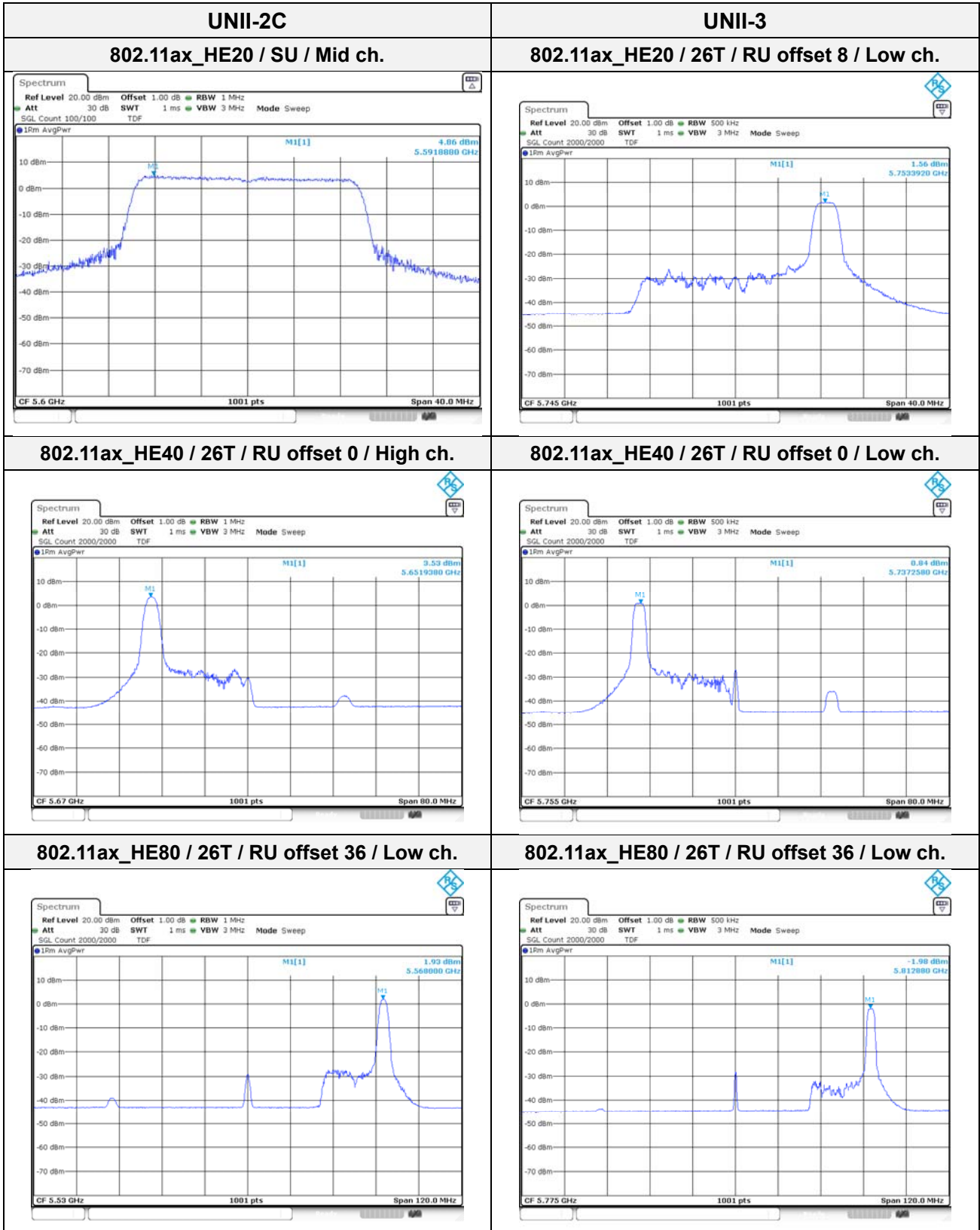
**2Tx MIMO\_UNII-2C + UNII-3 Band Straddle**



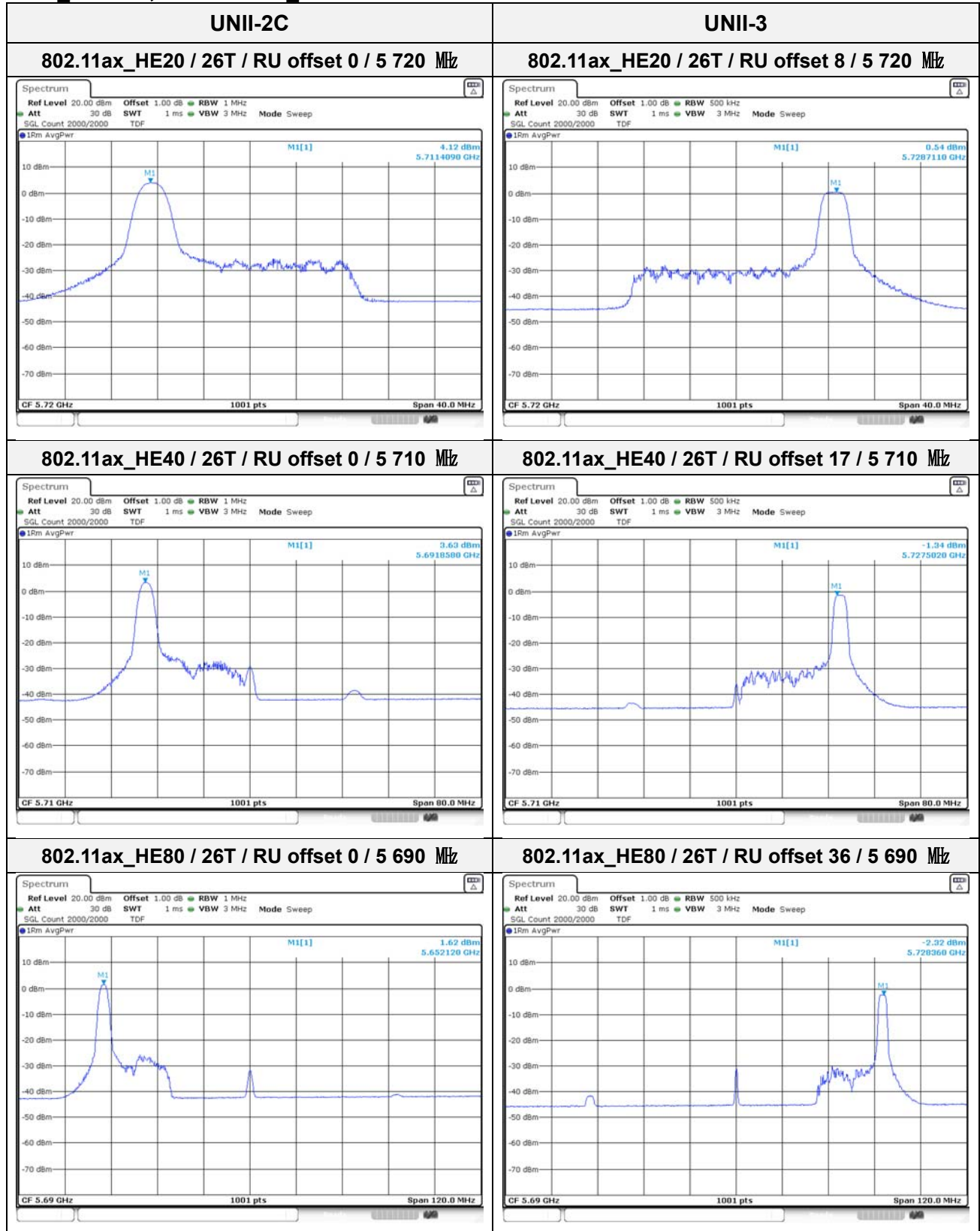
**Maximum power spectral density**

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

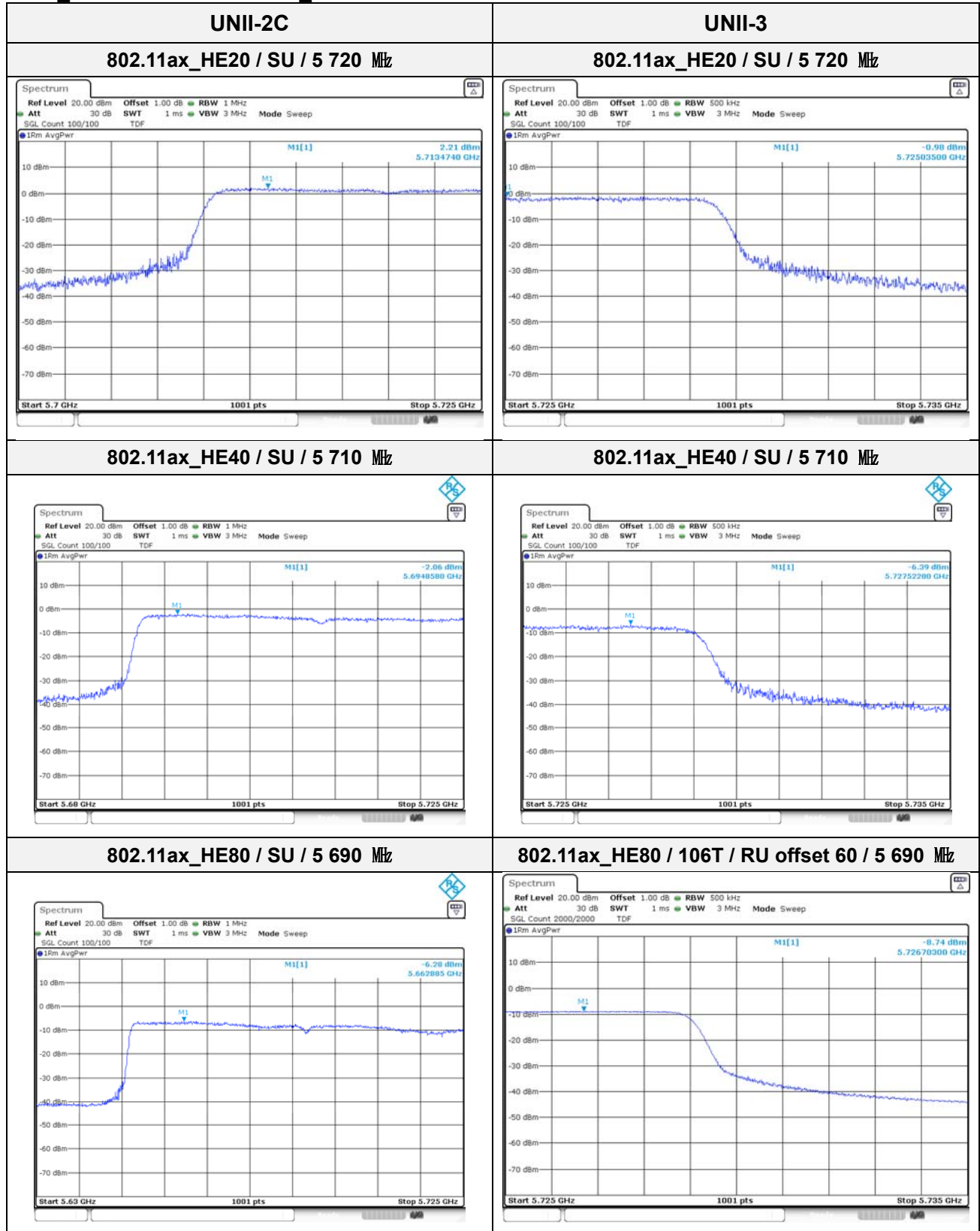




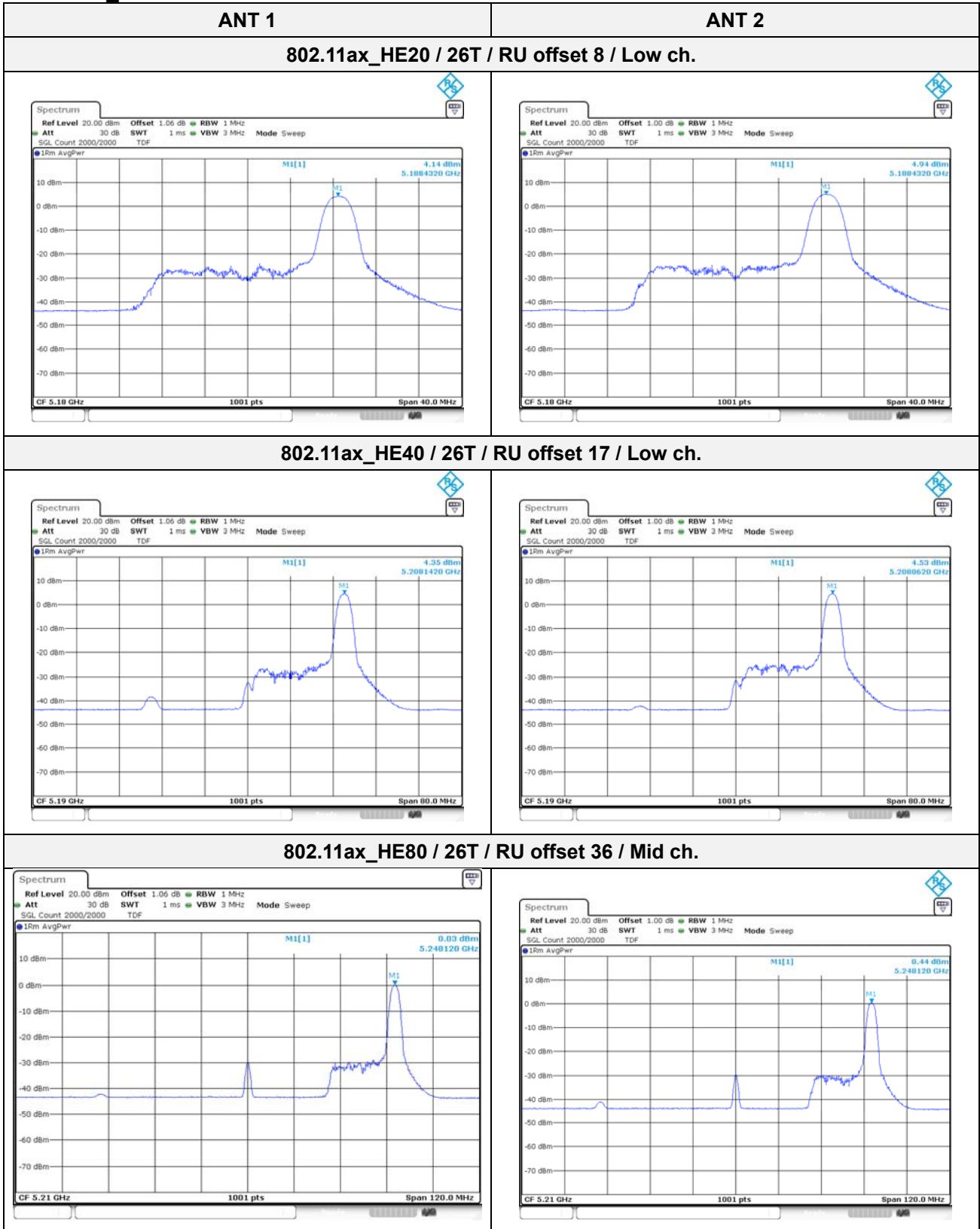
**SISO\_UNII-2C, UNII-3 Band\_Straddle**



**SISO\_UNII-2C + UNII-3 Band Straddle**

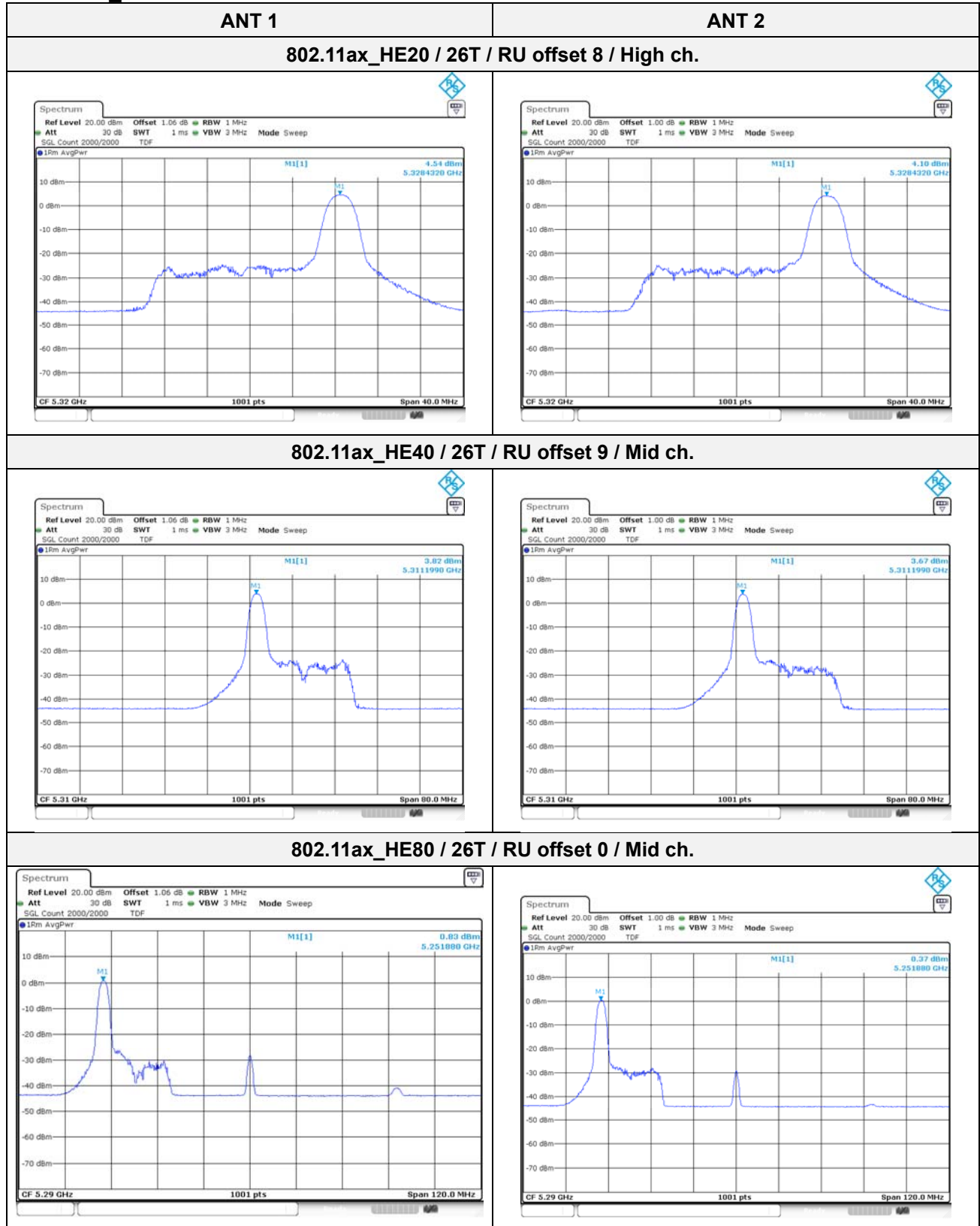


In order to simplify the report, attached plots were the worst case per bandwidth  
 2Tx MIMO\_UNII-1 Band

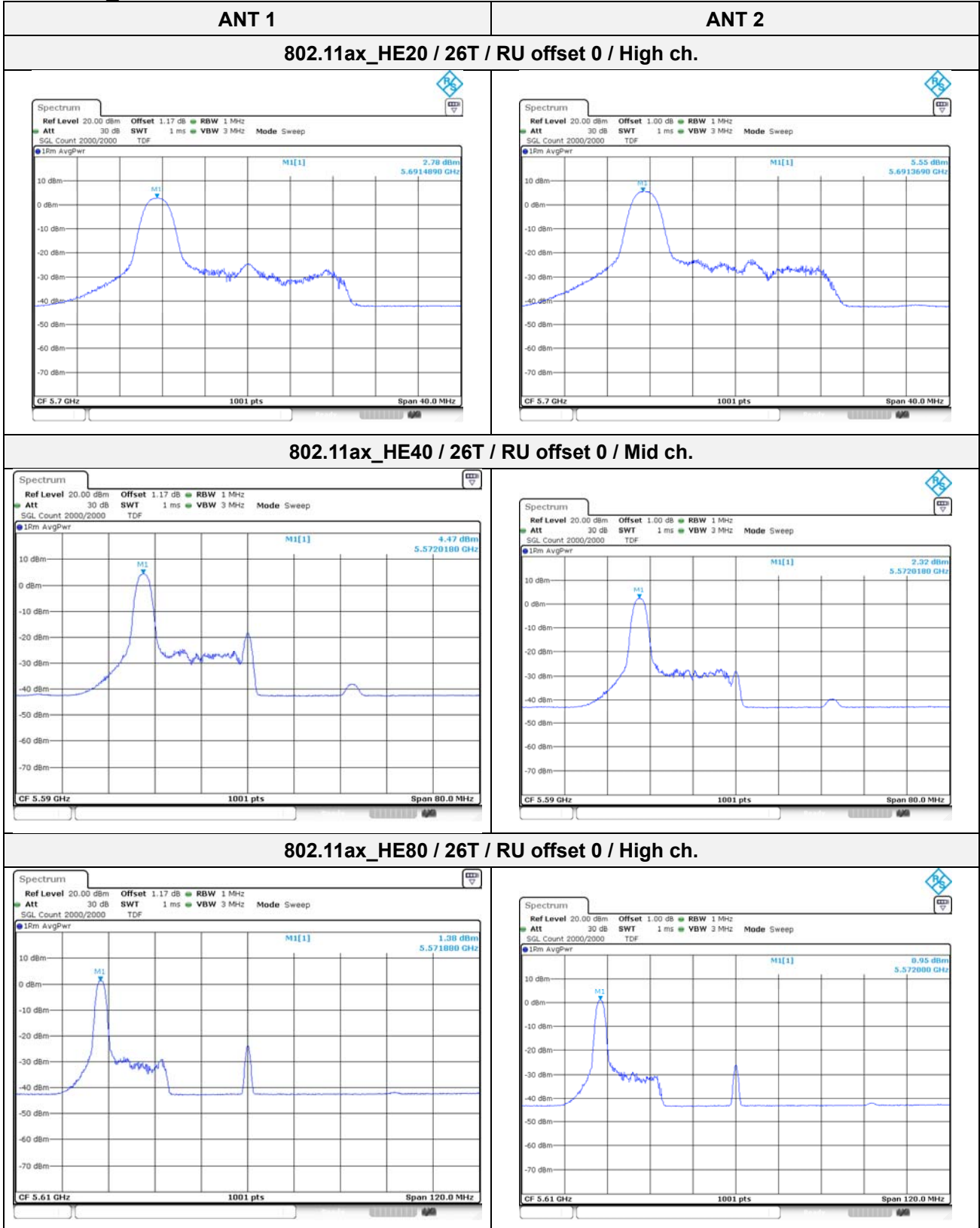




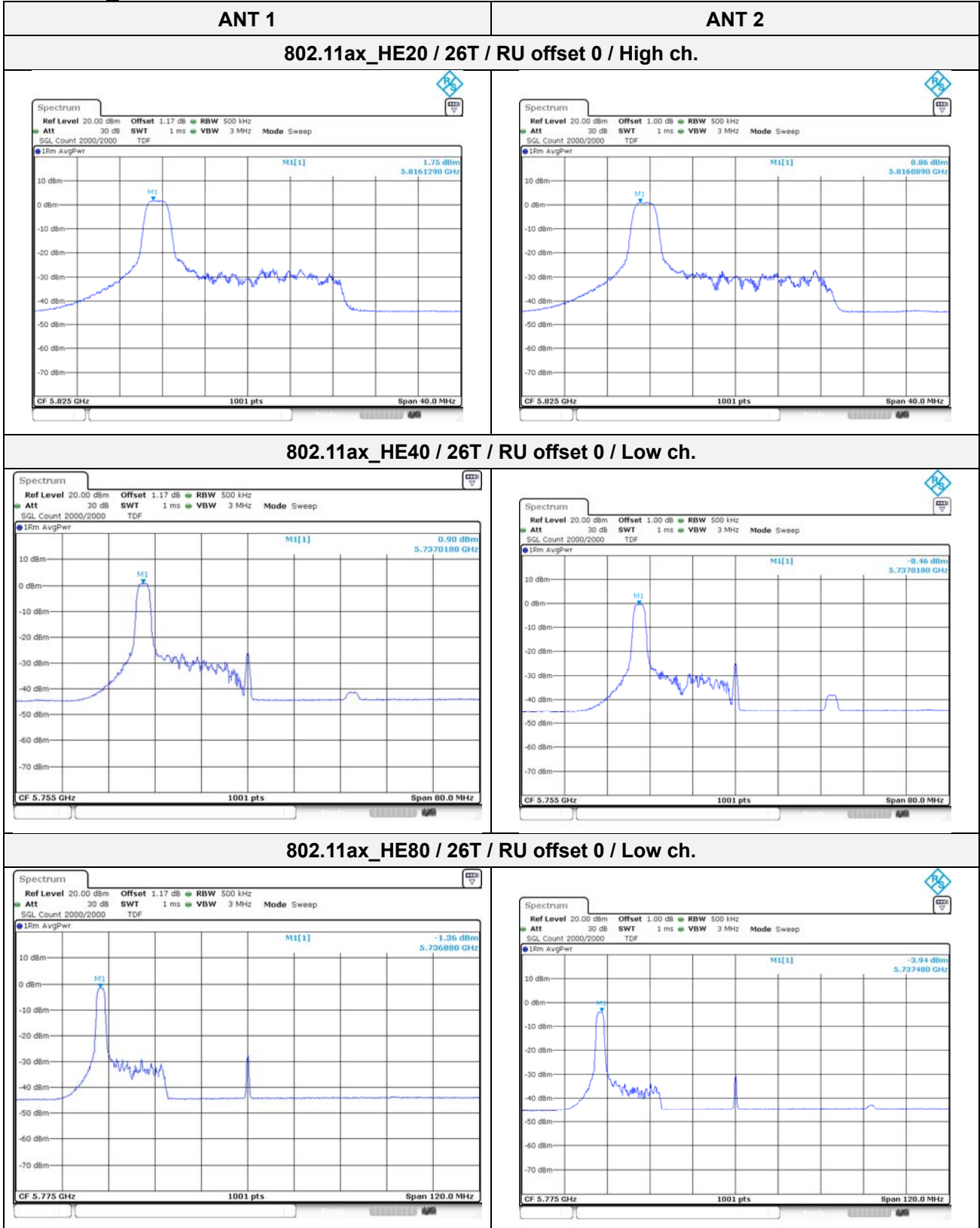
**2Tx MIMO\_UNII-2A Band**



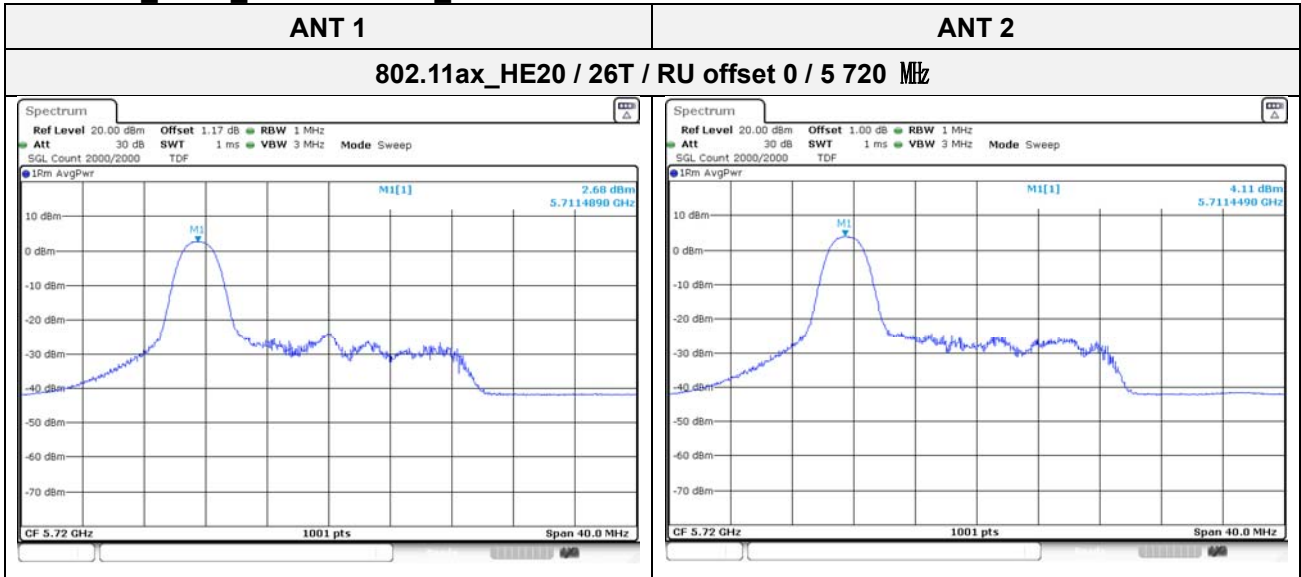
**2Tx MIMO\_UNII-2C Band**



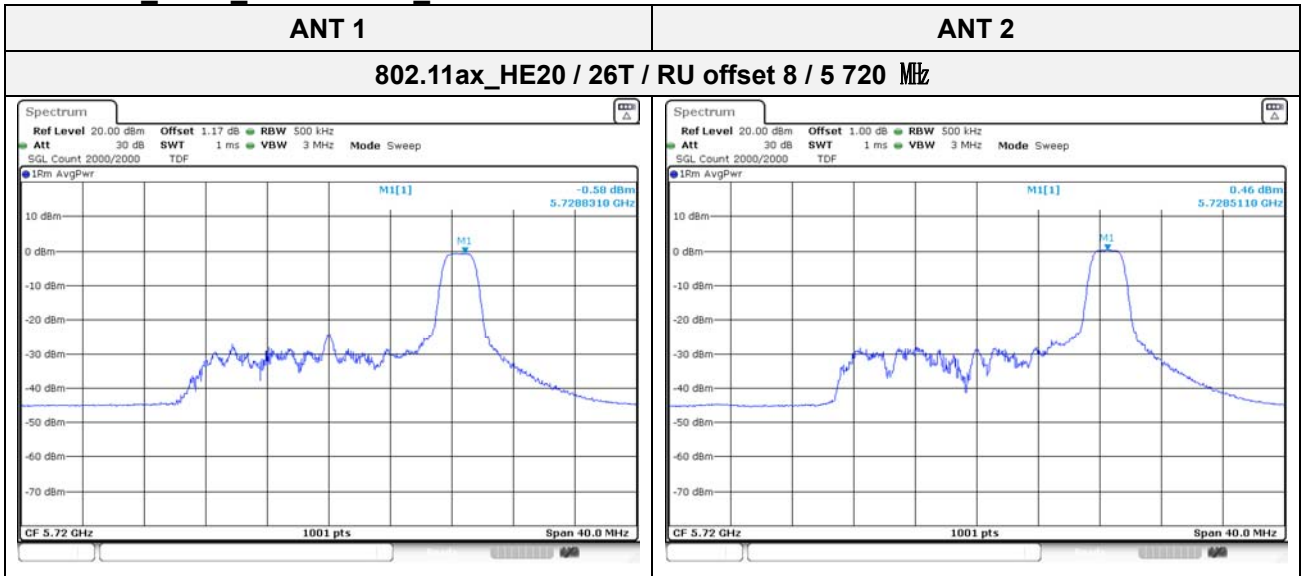
**2Tx MIMO\_UNII-3 Band**



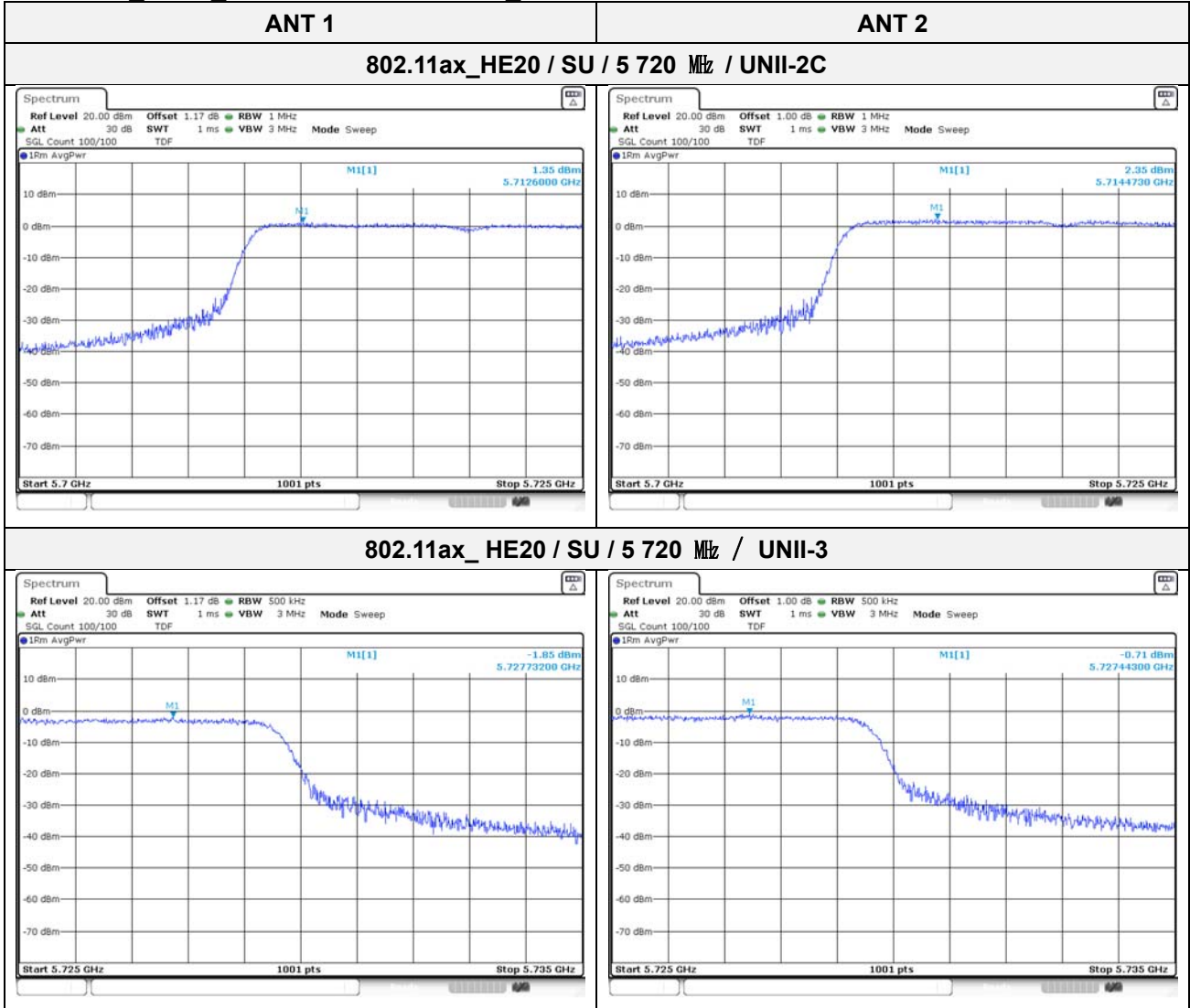
**2Tx MIMO\_HE20\_UNII-2C Band\_Straddle**



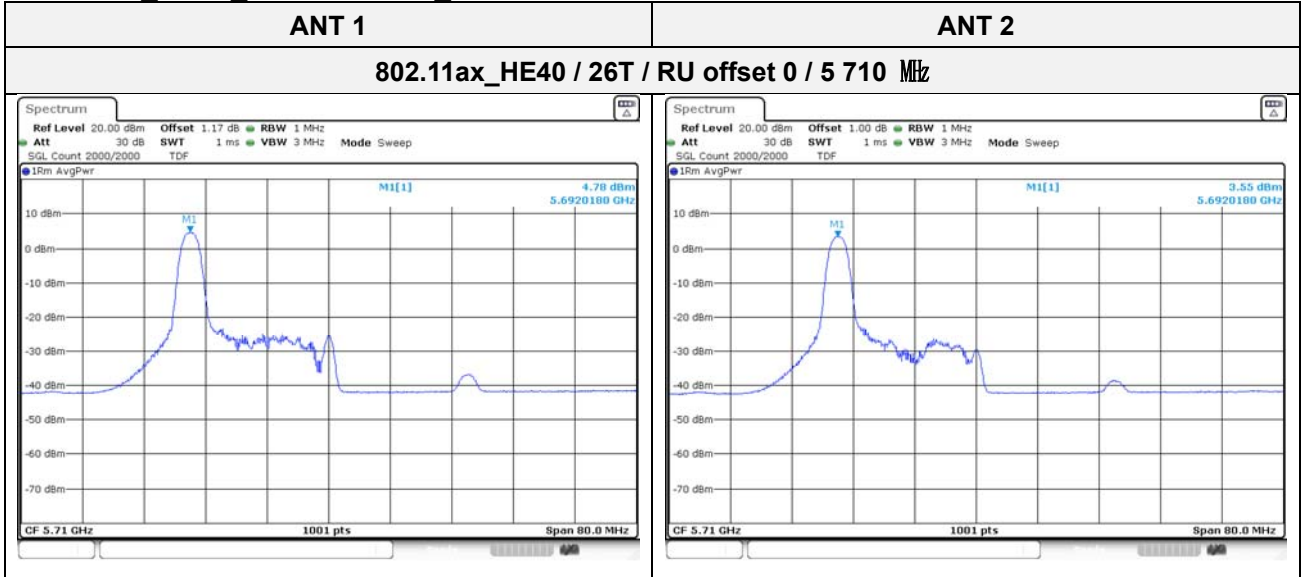
**2Tx MIMO\_HE20\_UNII-3 Band\_Straddle**



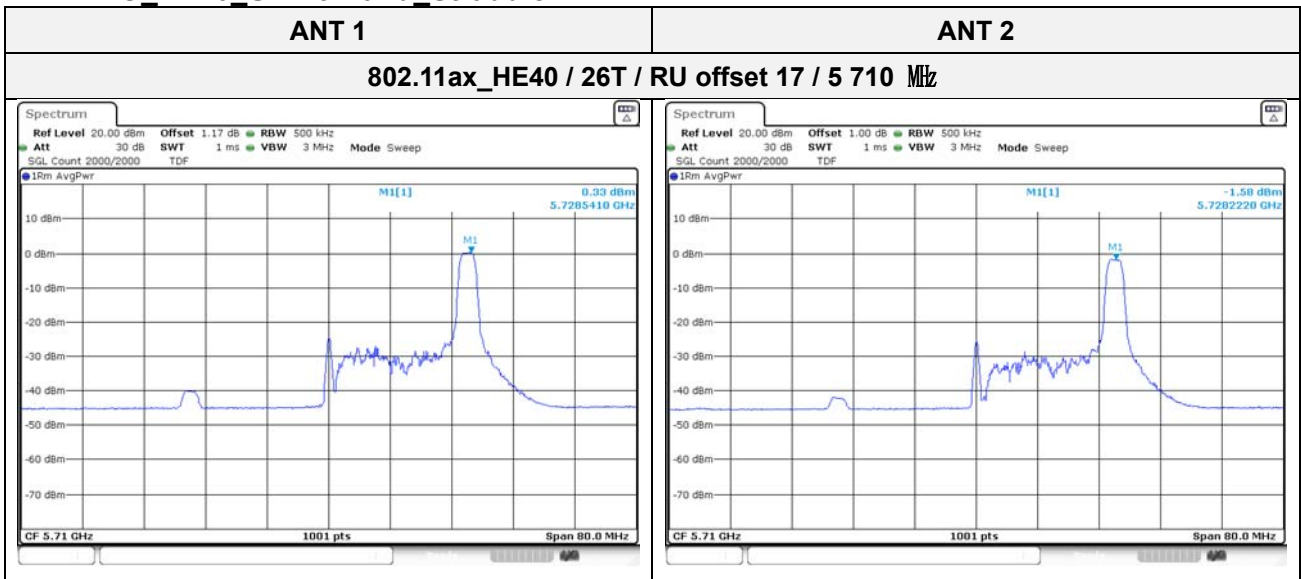
**2Tx MIMO\_HE20\_UNII-2C + UNII-3 Band Straddle**



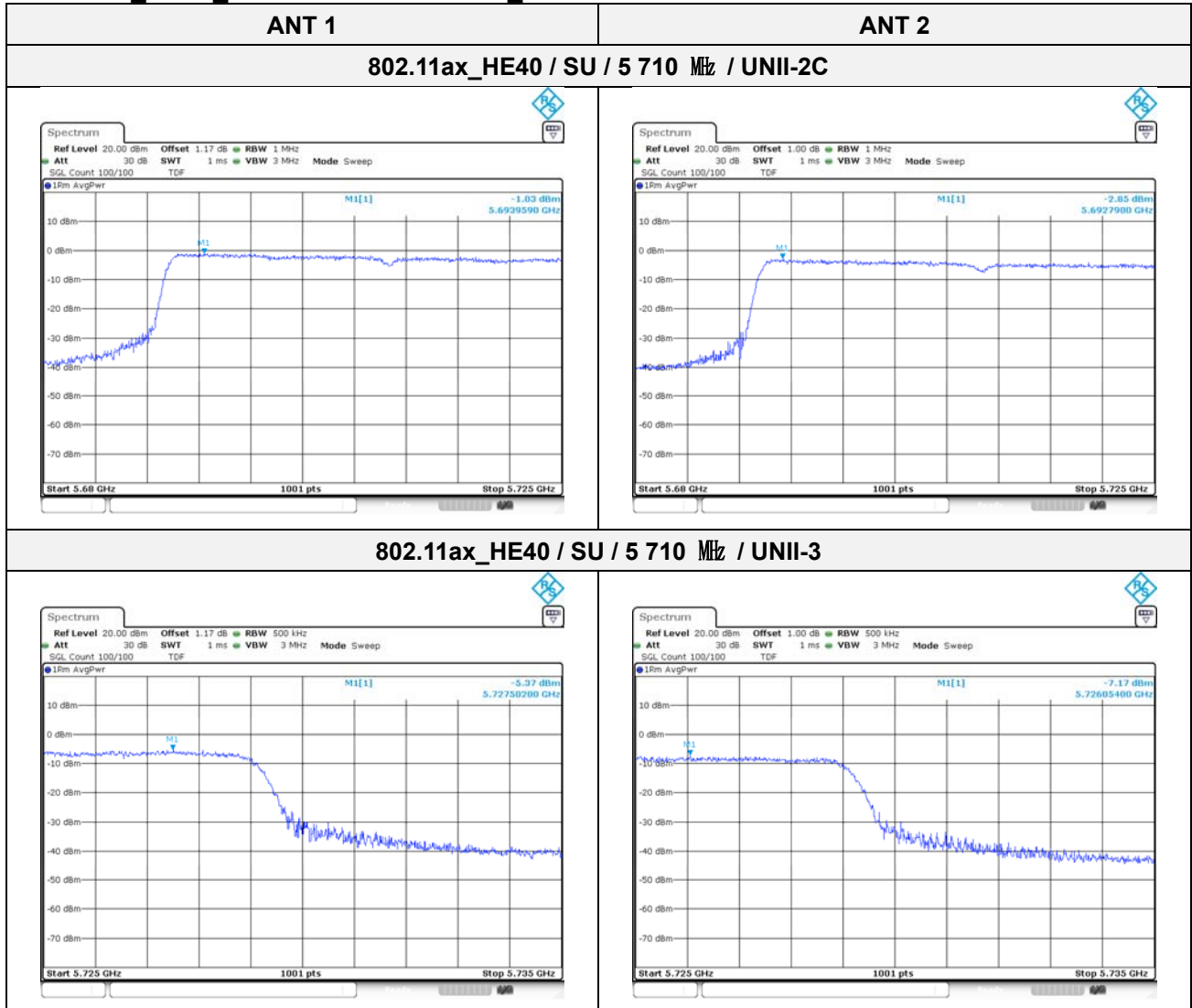
**2Tx MIMO\_HE40\_UNII-2C Band Straddle**



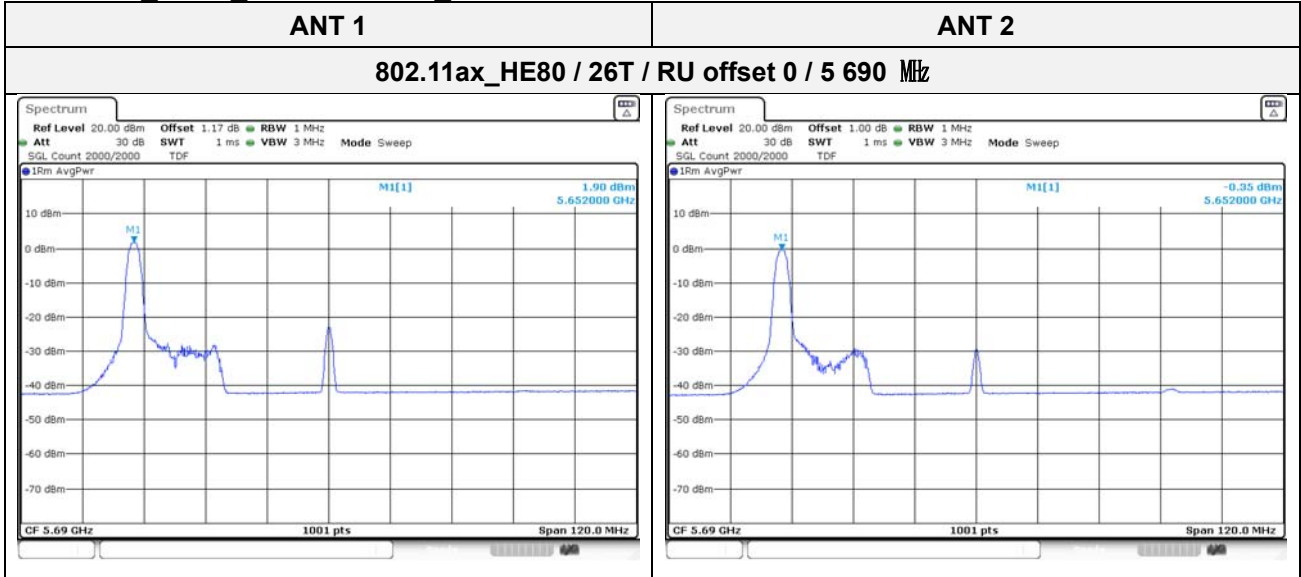
**2Tx MIMO\_HE40\_UNII-3 Band Straddle**



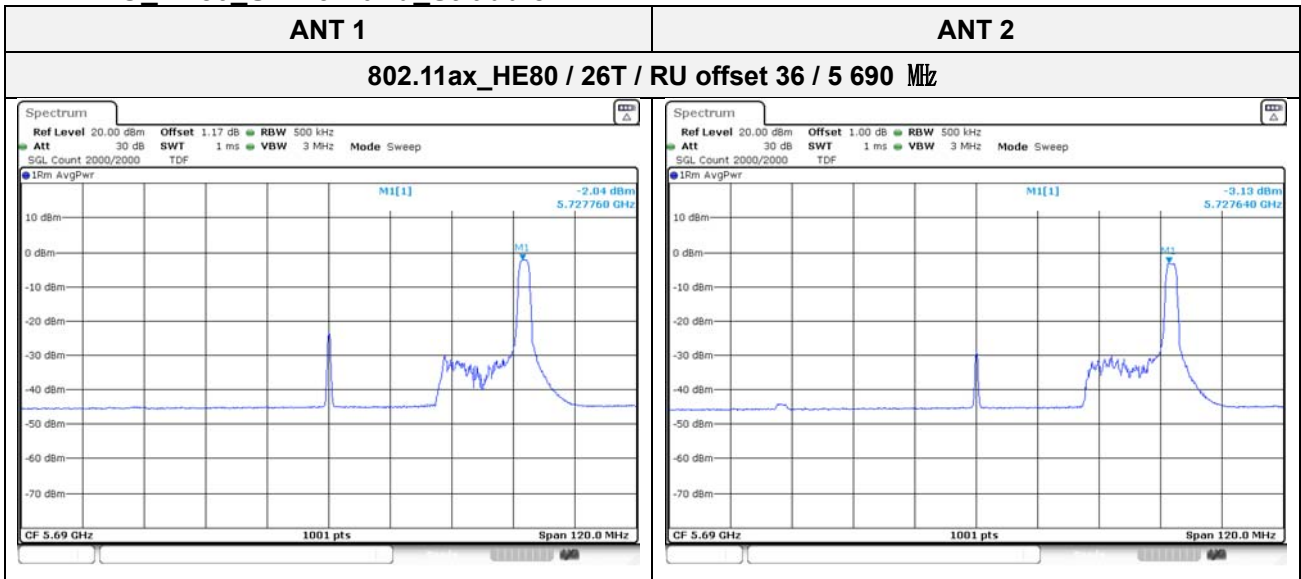
**2Tx MIMO\_HE40\_UNII-2C + UNII-3 Band Straddle**



**2Tx MIMO\_HE80\_UNII-2C Band Straddle**

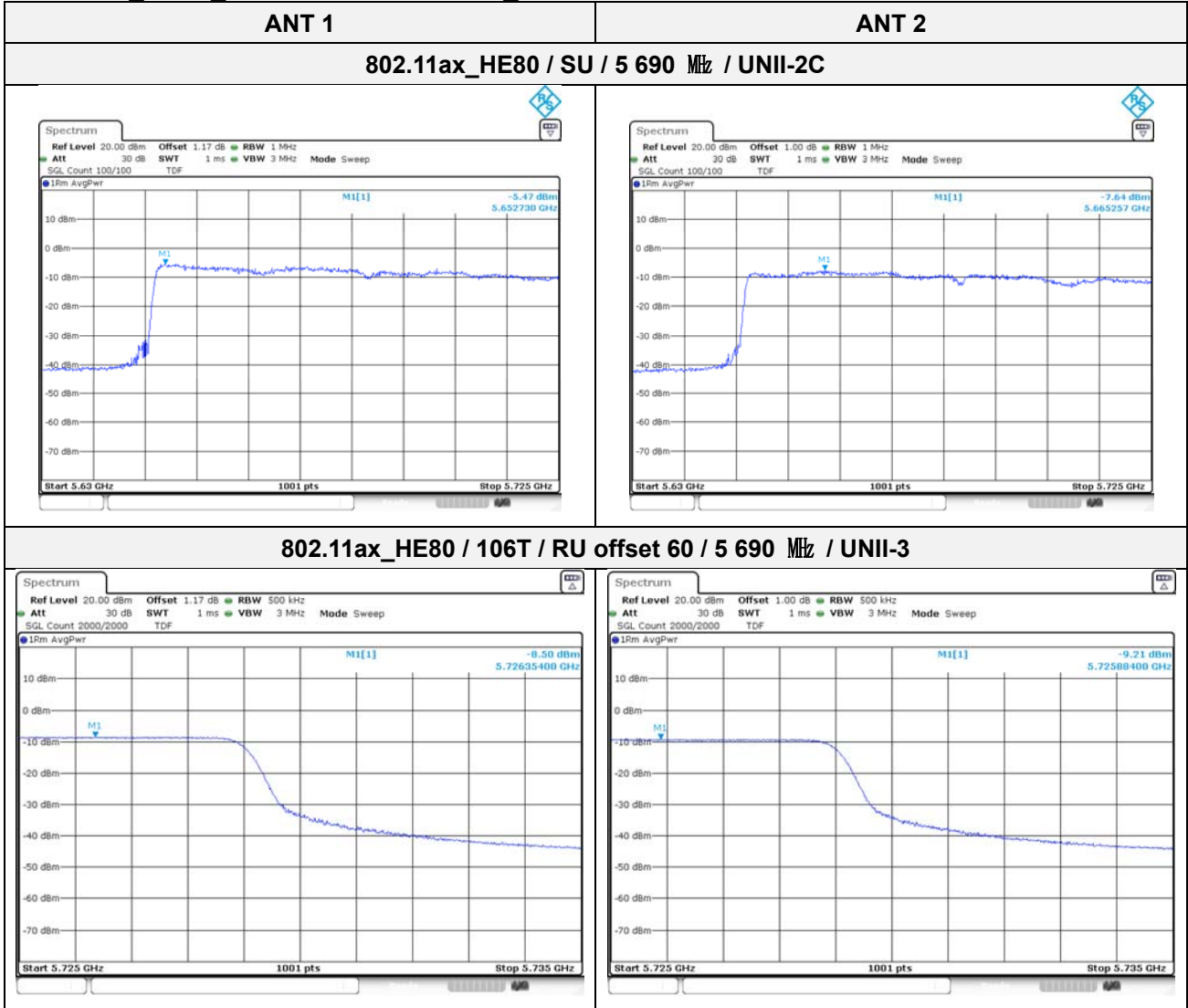


**2Tx MIMO\_HE80\_UNII-3 Band Straddle**





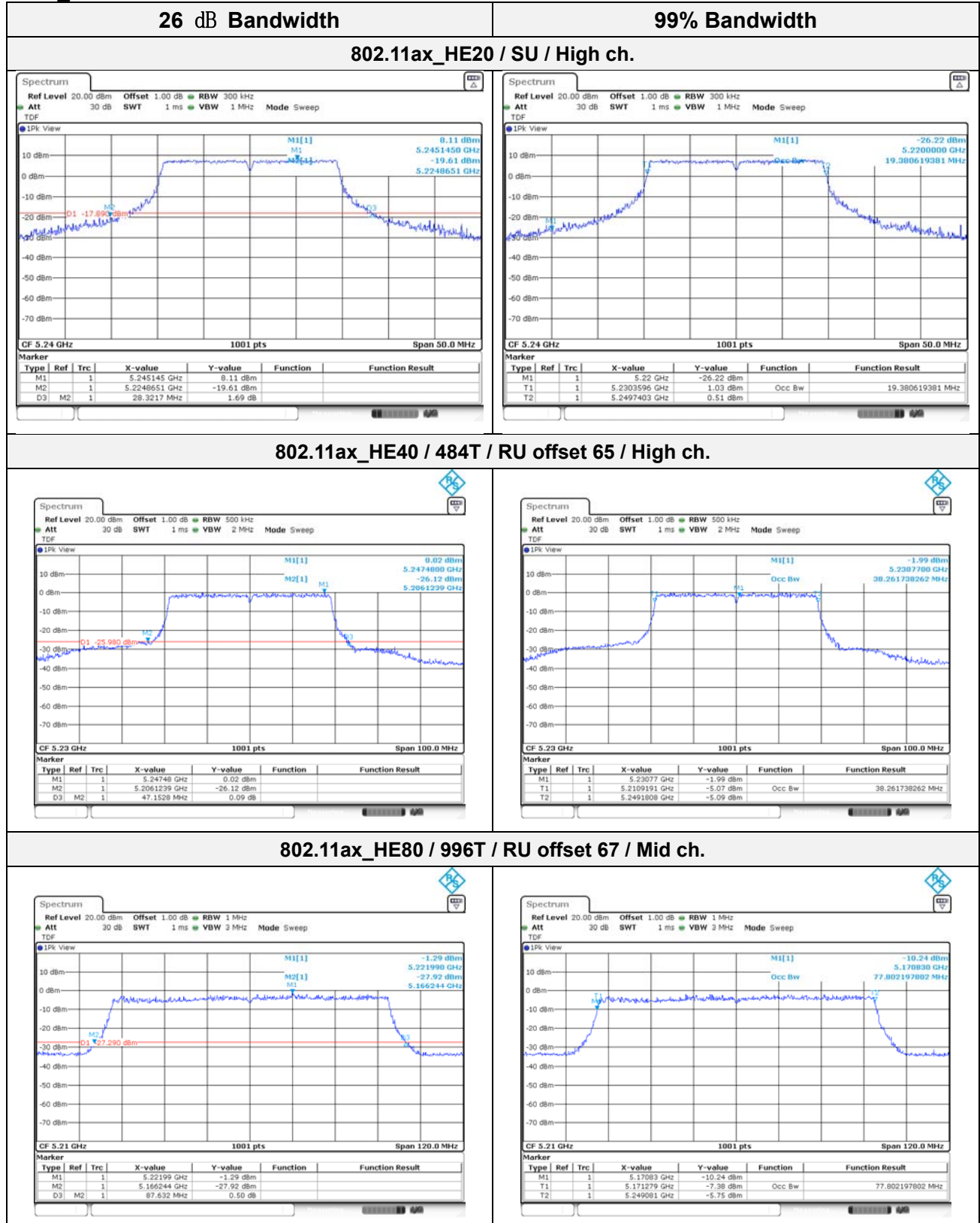
**2Tx MIMO\_HE80\_UNII-2C + UNII 3 Band Straddle**



**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**

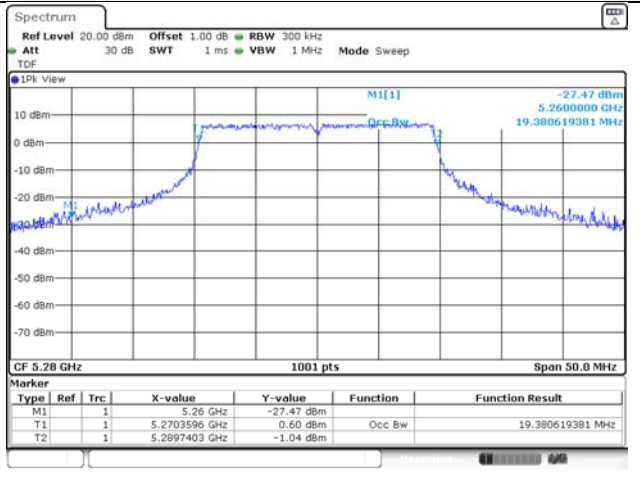
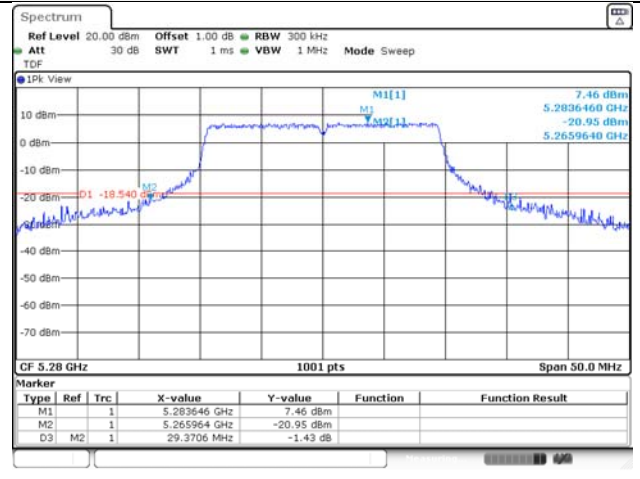


SISO\_UNII-2A Band

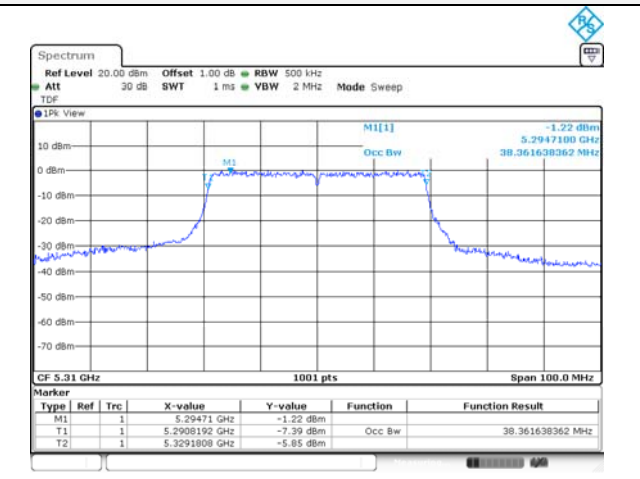
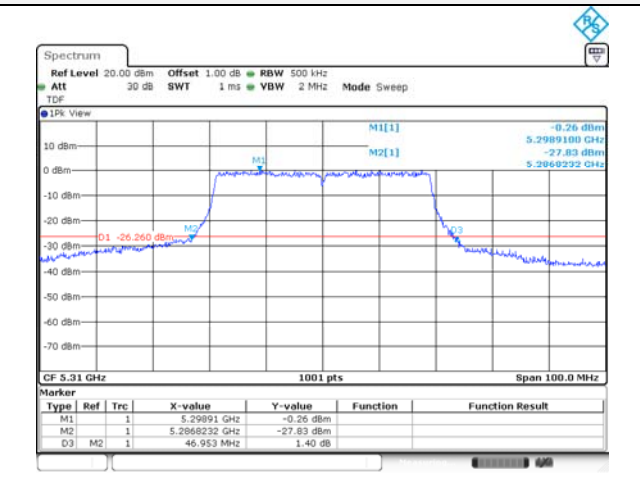
26 dB Bandwidth

99% Bandwidth

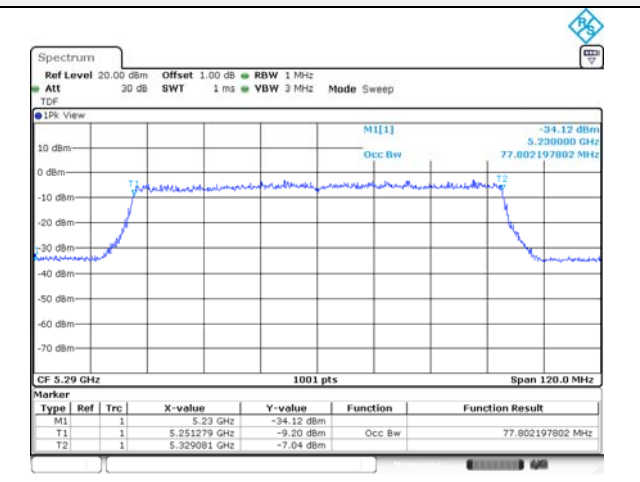
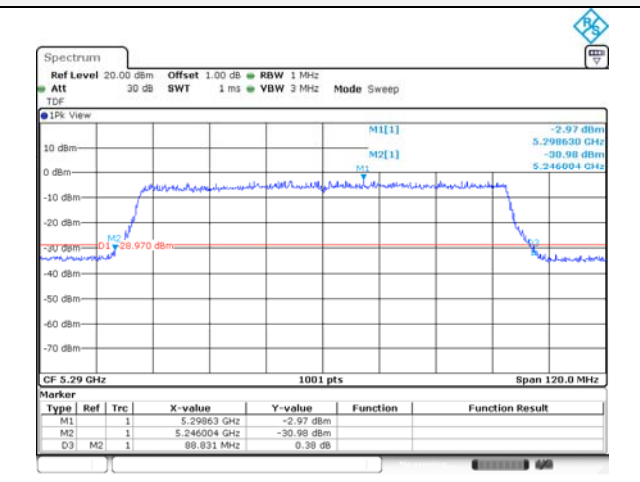
802.11ax\_HE20 / SU / Mid ch.



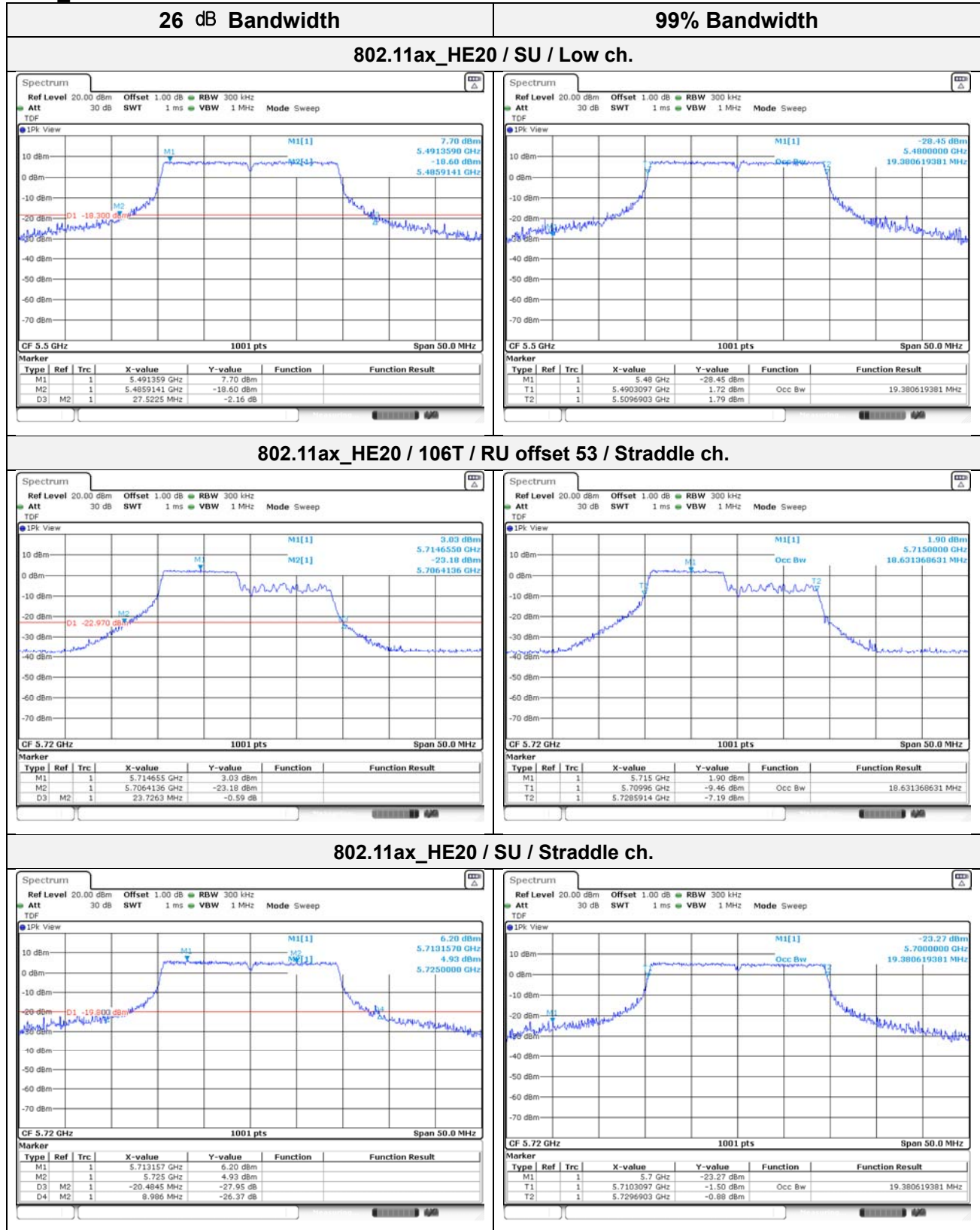
802.11ax\_HE40 / 484T / RU offset 65 / High ch.



802.11ax\_HE80 / 996T / RU offset 67 / Mid ch.



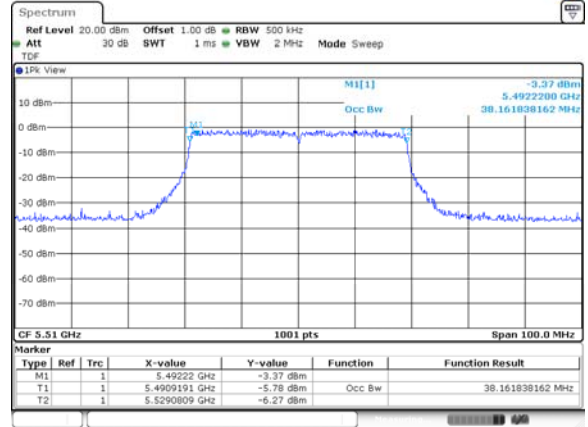
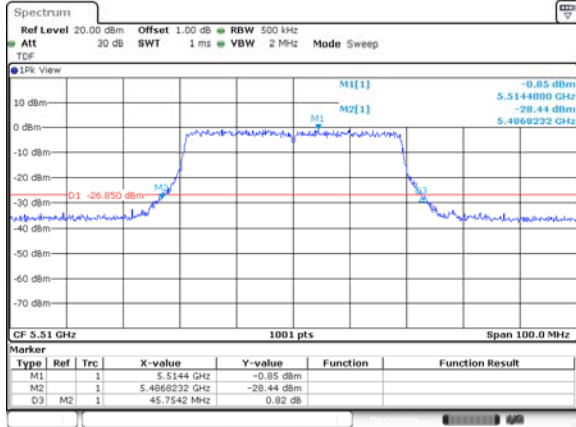
**SISO\_UNII-2C Band**



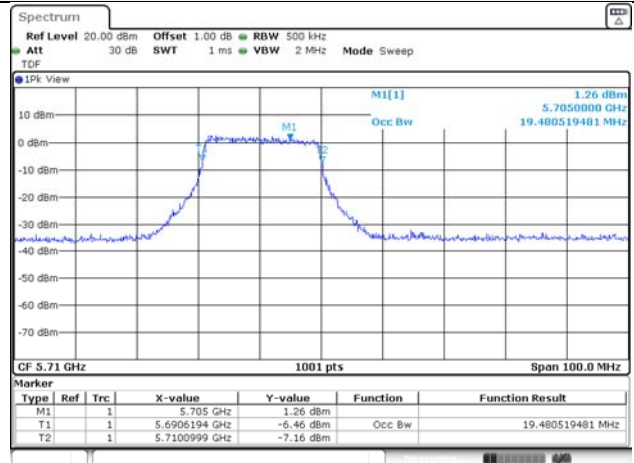
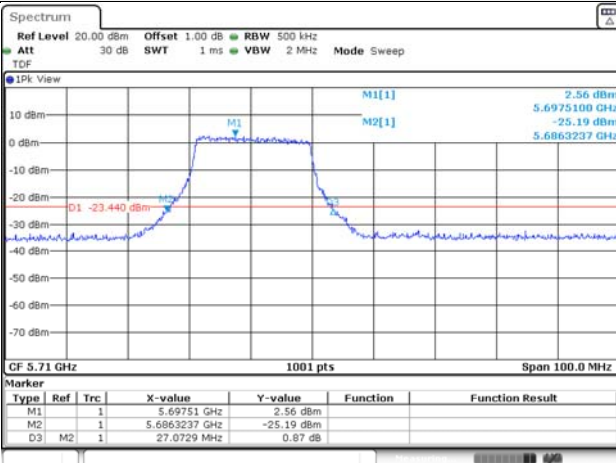
26 dB Bandwidth

99% Bandwidth

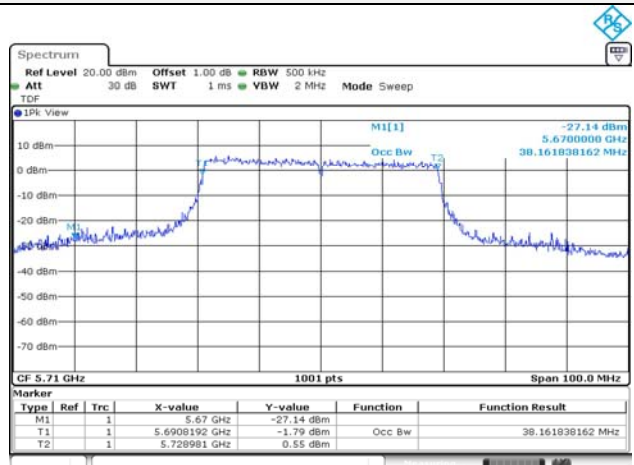
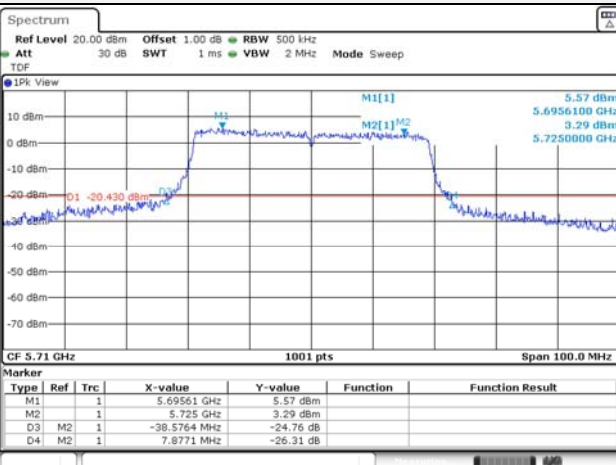
802.11ax\_HE40 / 484T / RU offset 65 / Low ch.



802.11ax\_HE40 / 242T / RU offset 61 / Straddle ch.



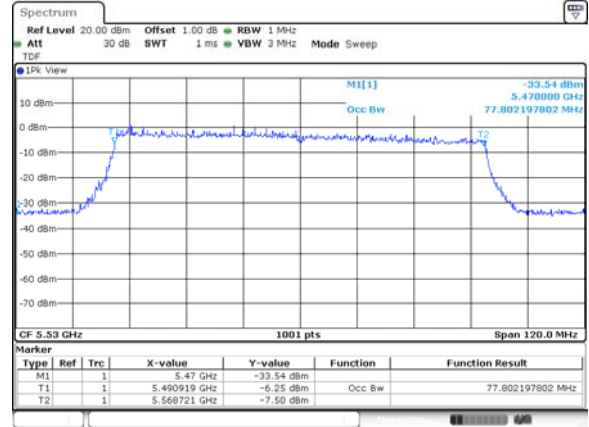
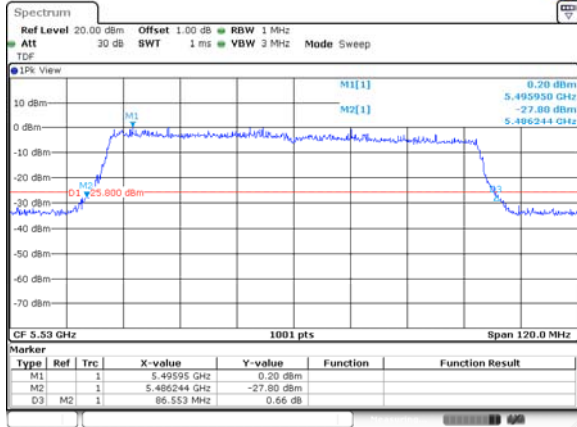
802.11ax\_HE40 / SU / Straddle ch.



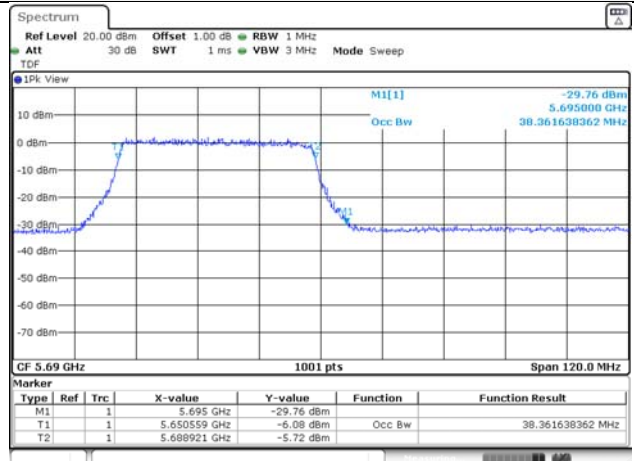
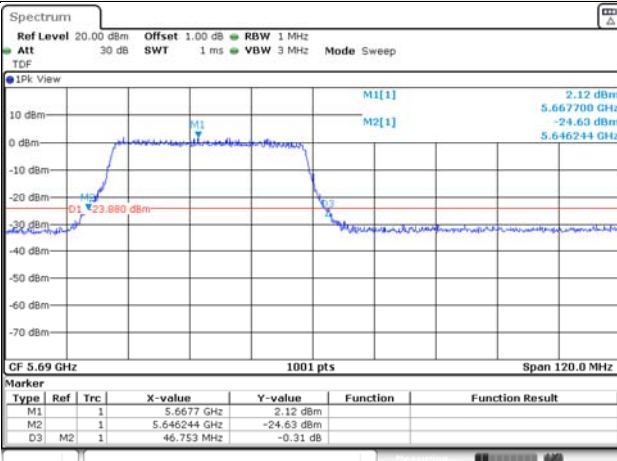
26 dB Bandwidth

99% Bandwidth

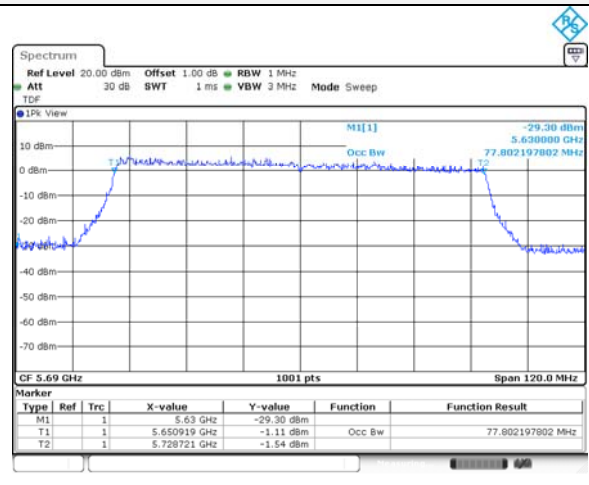
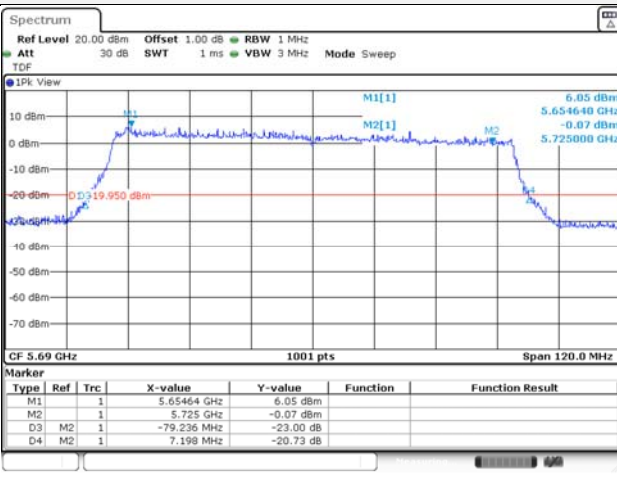
802.11ax\_HE80 / 996T / RU offset 67 / Low ch.



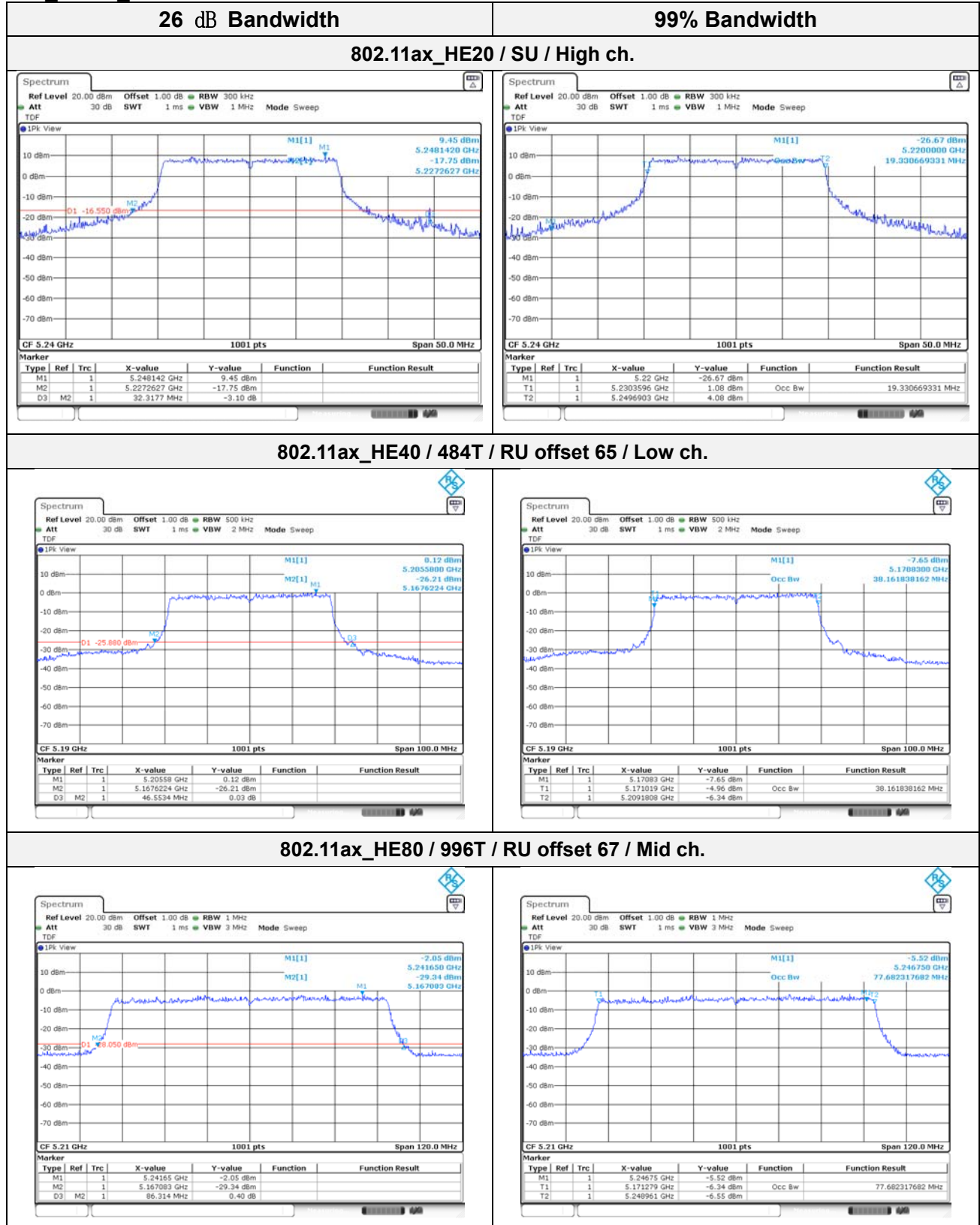
802.11ax\_HE80 / 484T / RU offset 65 / Straddle ch.



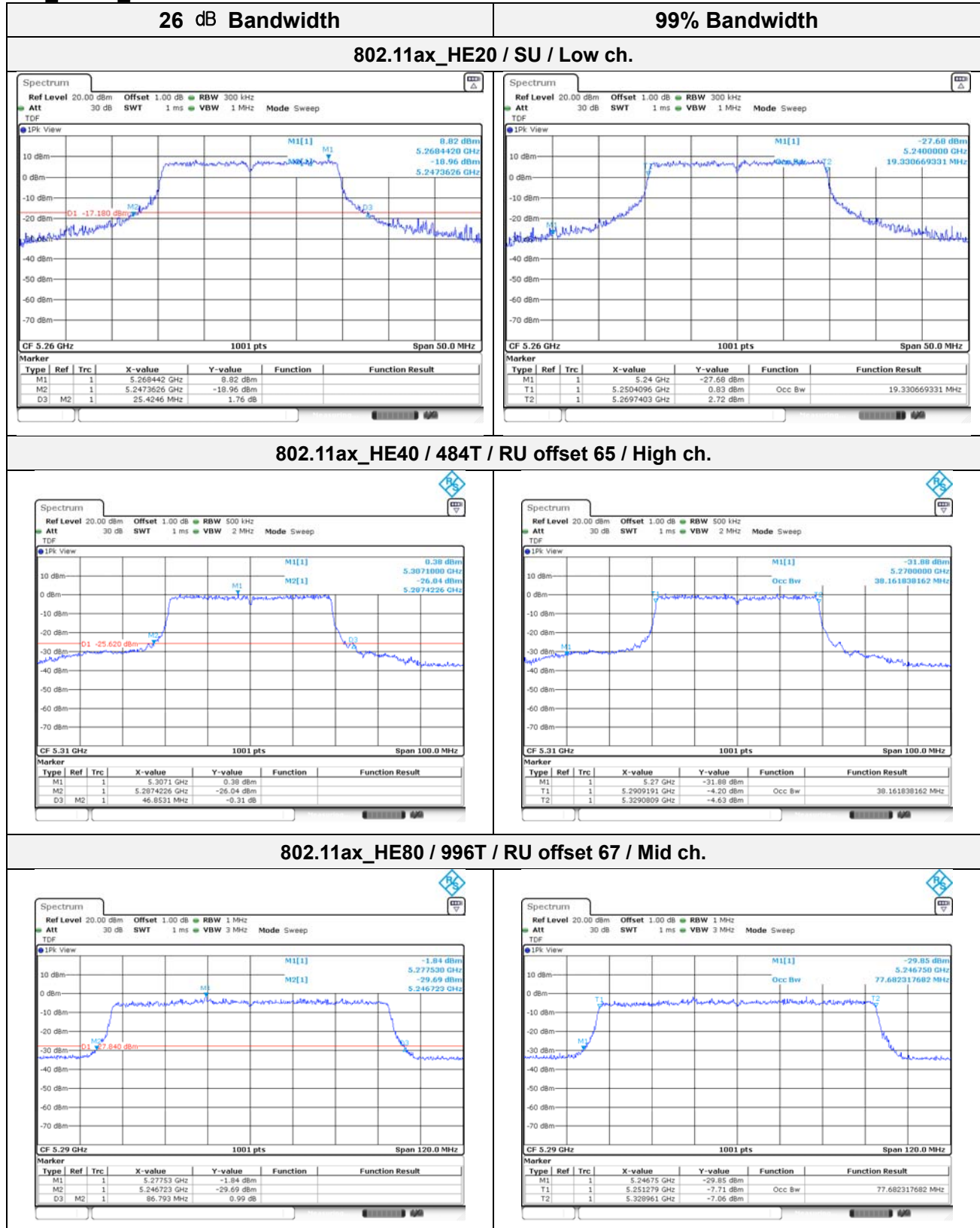
802.11ax\_HE80 / SU / Straddle ch.



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**

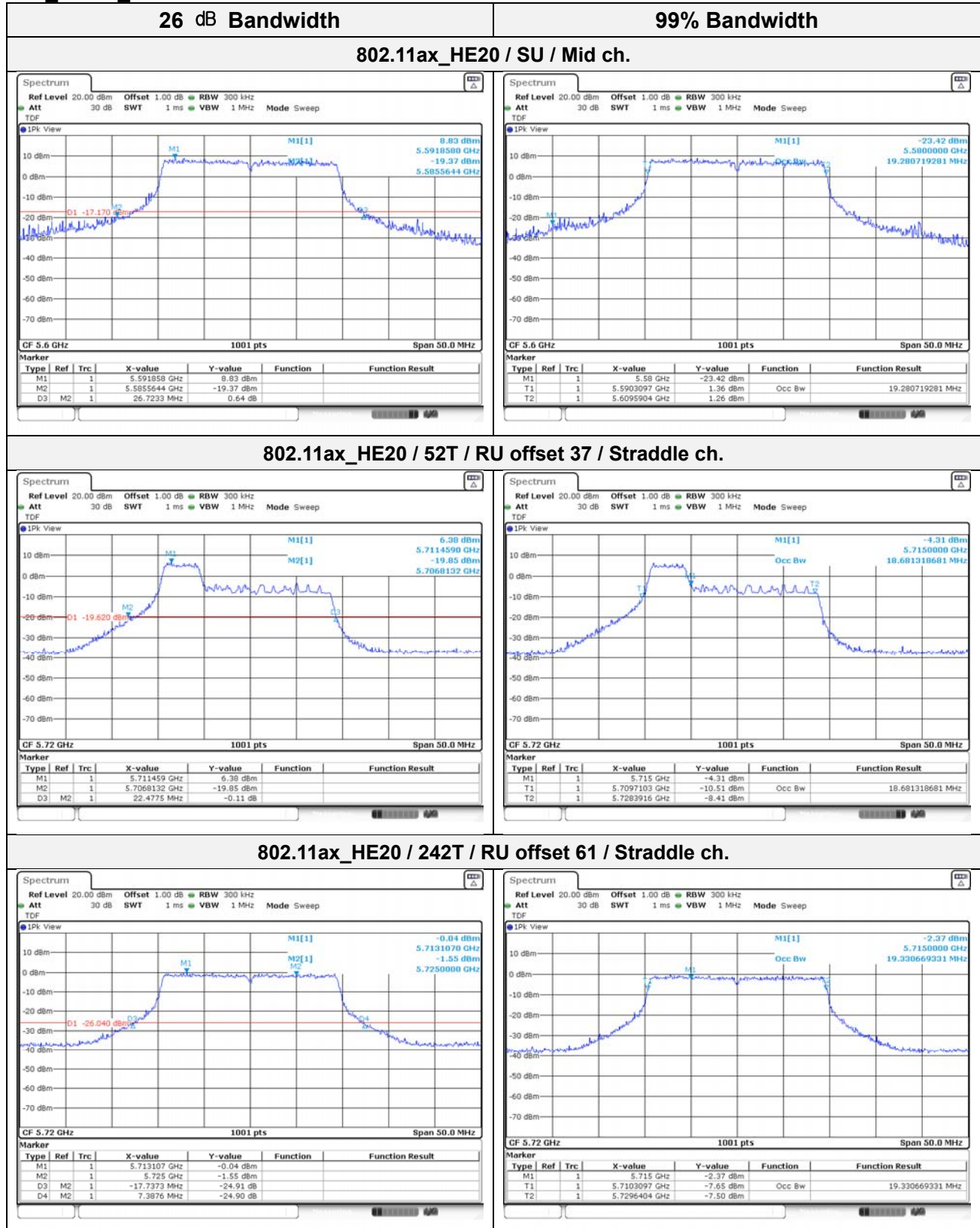


2TX\_MIMO\_UNII-2A Band





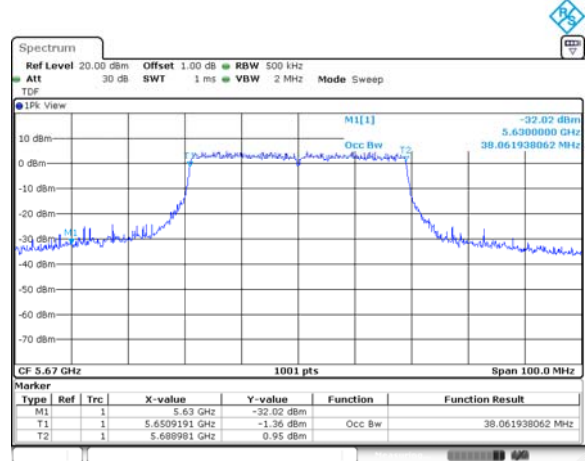
2TX\_MIMO\_UNII-2C Band



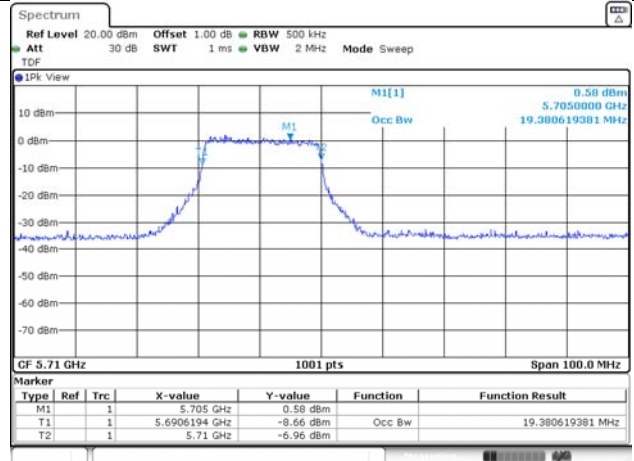
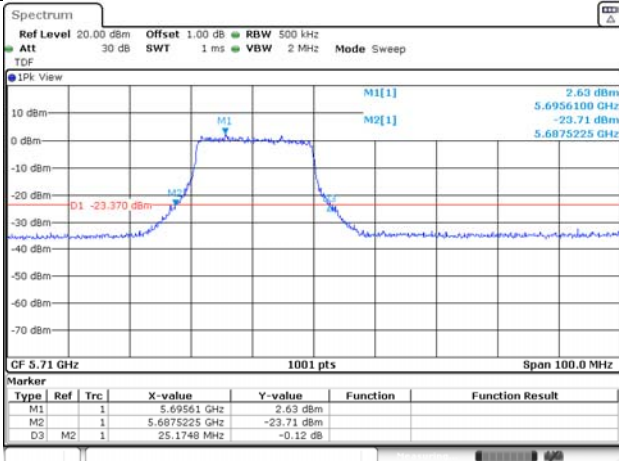
26 dB Bandwidth

99% Bandwidth

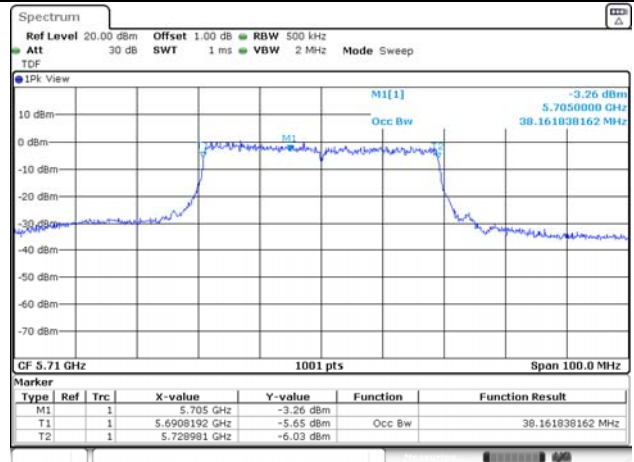
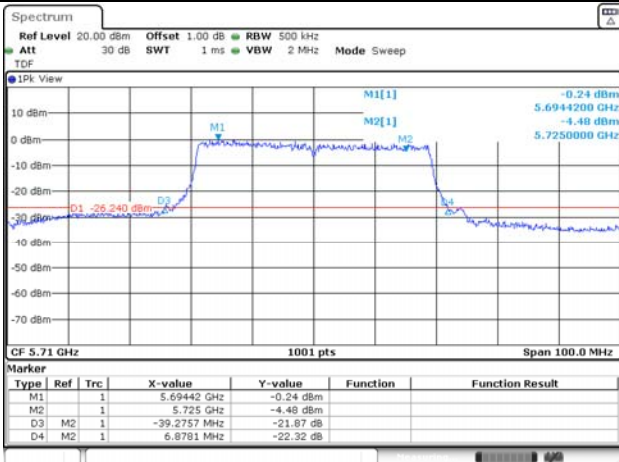
802.11ax\_HE40 / SU / High ch.



802.11ax\_HE40 / 242T / RU offset 61 / Straddle ch.



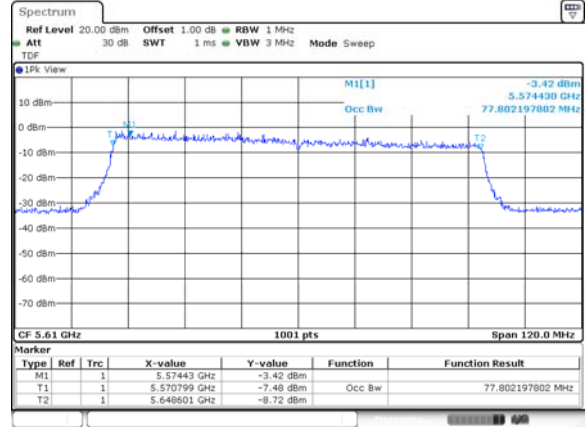
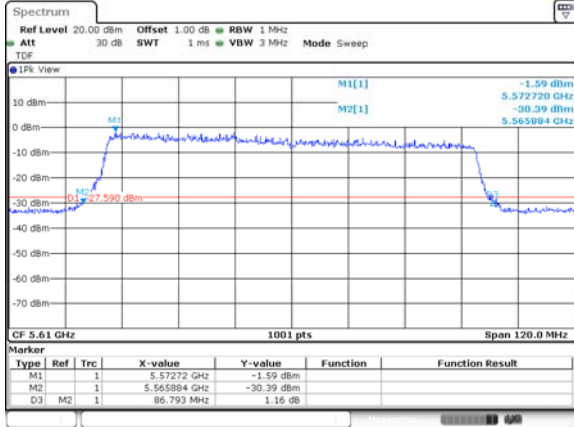
802.11ax\_HE40 / 484T / RU offset 65 / Straddle ch.



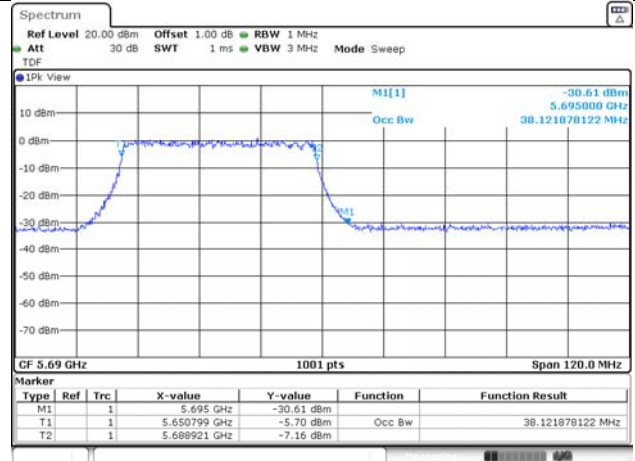
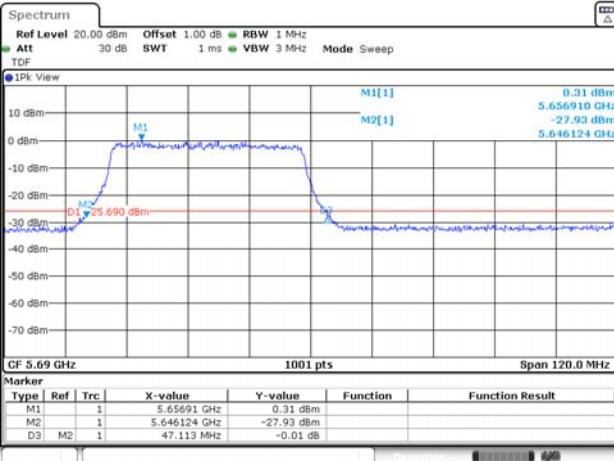
26 dB Bandwidth

99% Bandwidth

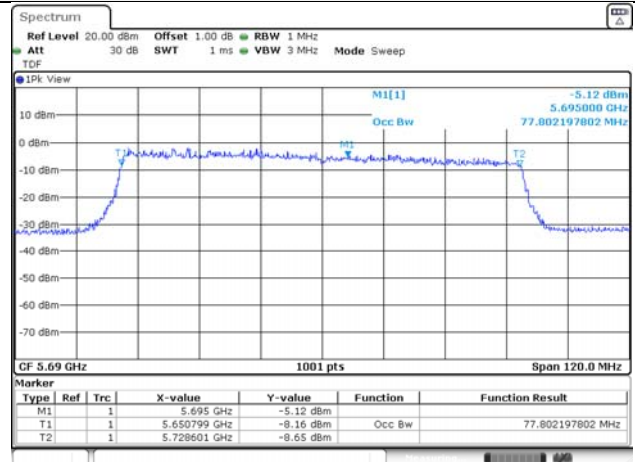
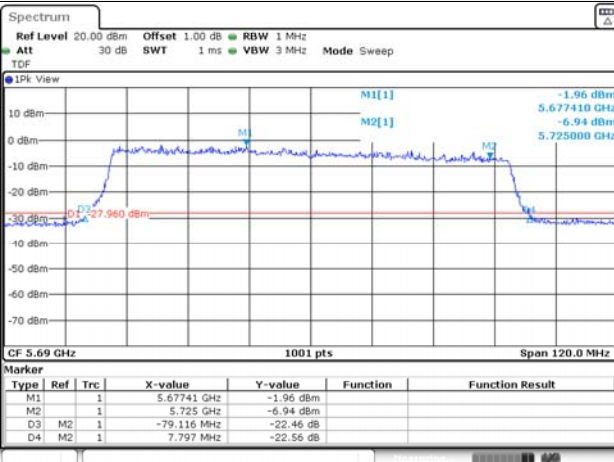
802.11ax\_HE80 / 996T / RU offset 67 / High ch.



802.11ax\_HE80 / 484T / RU offset 65 / Straddle ch.

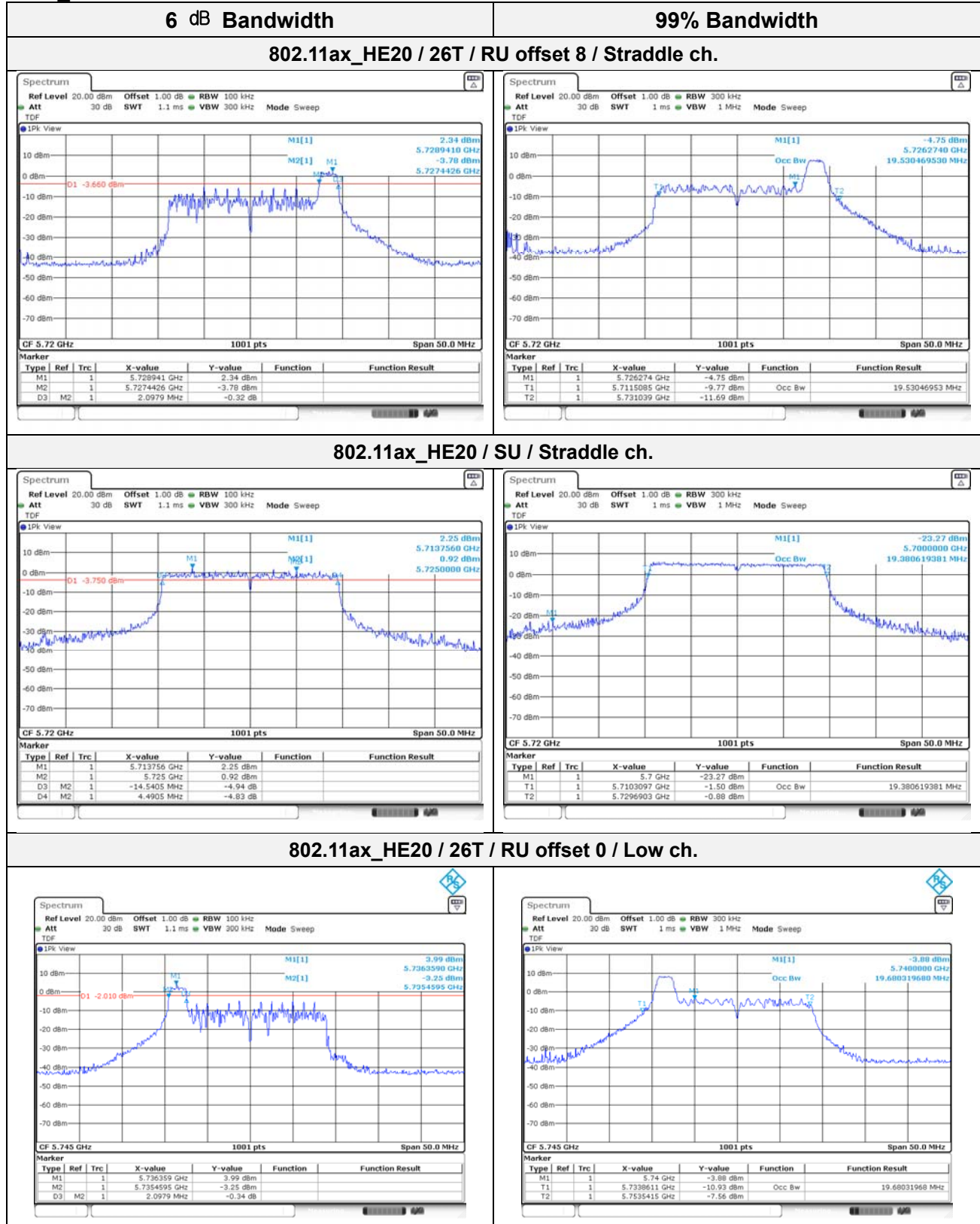


802.11ax\_HE80 / 996T / RU offset 67 / Straddle ch.



**6 dB Bandwidth & 99% Bandwidth**

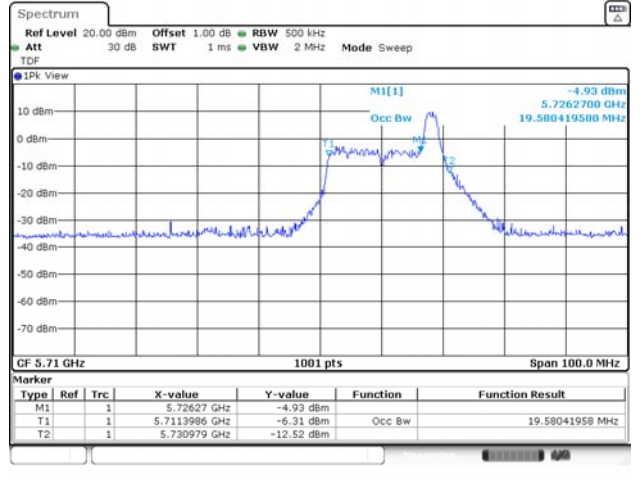
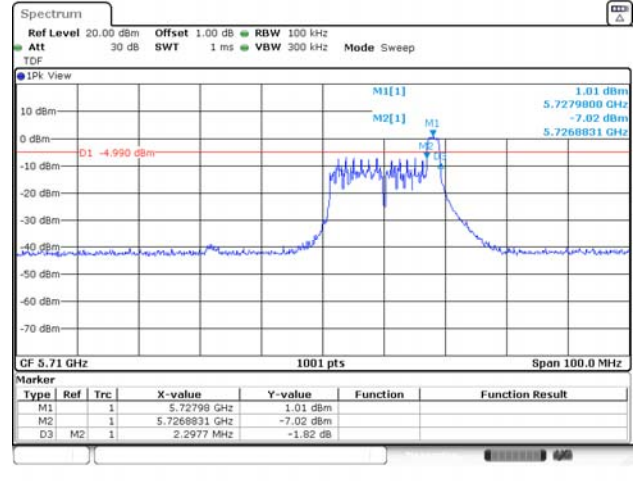
In order to simplify the report, attached plots were the worst case per bandwidth. For 99% Bandwidth, It was also based on 6 dB Bandwidth's worst scenario. SISO\_UNII-3 Band



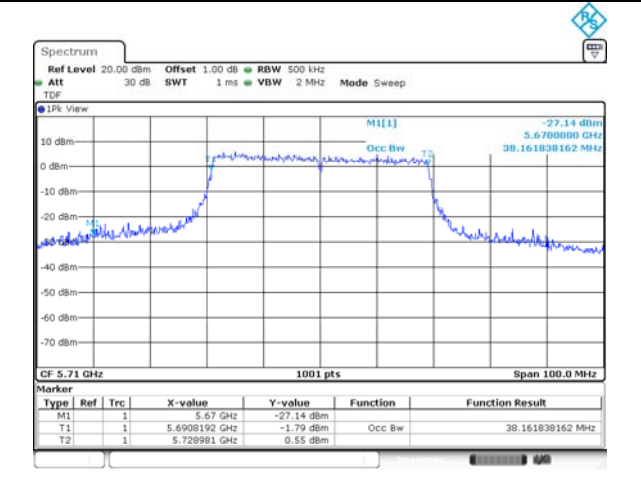
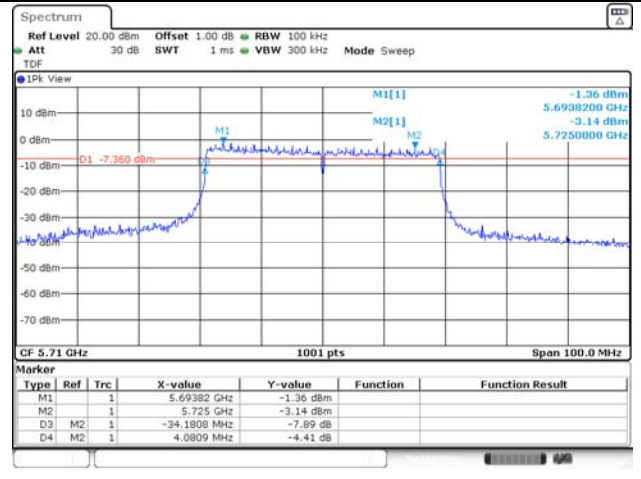
6 dB Bandwidth

99% Bandwidth

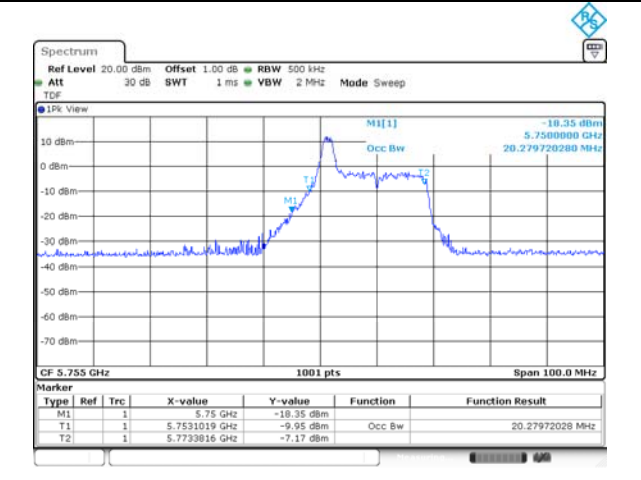
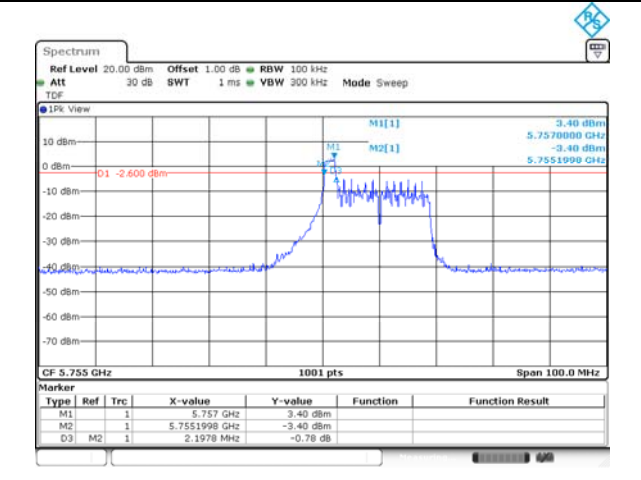
802.11ax\_HE40 / 26T / RU offset 17 / Straddle ch.



802.11ax\_HE40 / SU / Straddle ch.



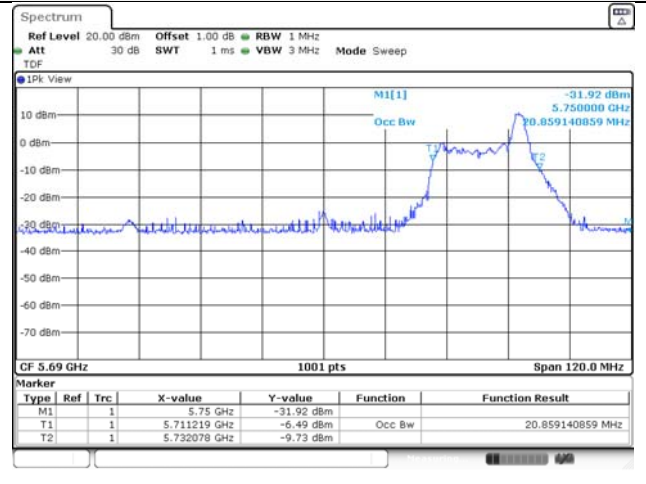
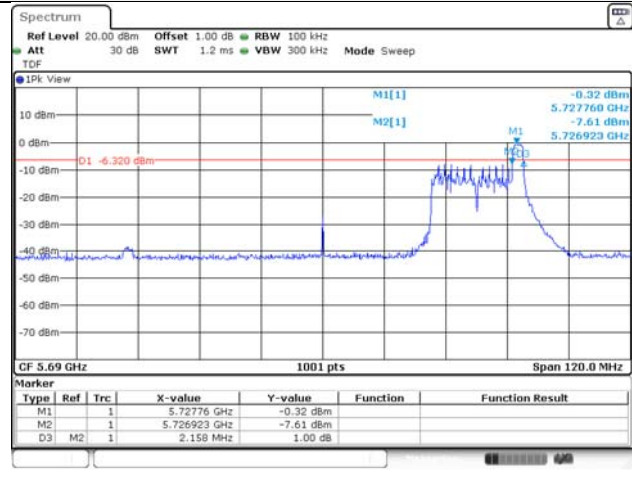
802.11ax\_HE40 / 26T / RU offset 9 / Low ch.



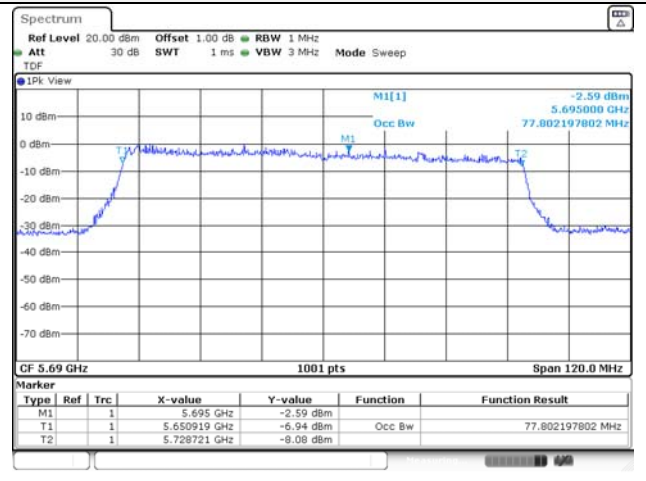
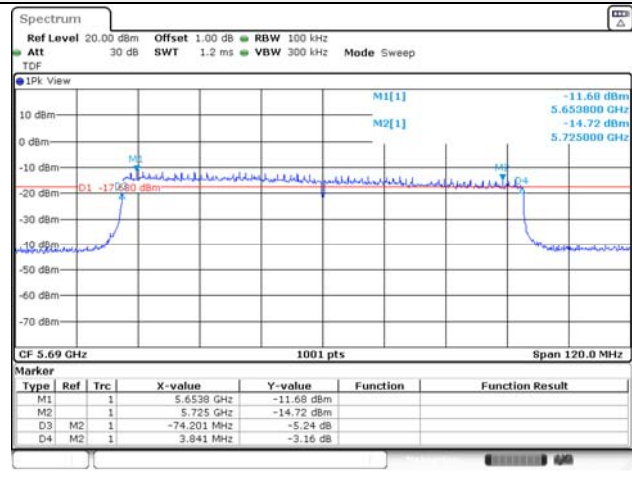
6 dB Bandwidth

99% Bandwidth

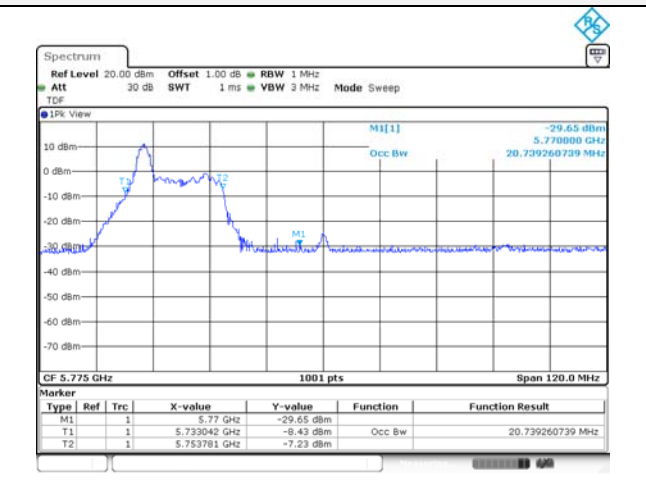
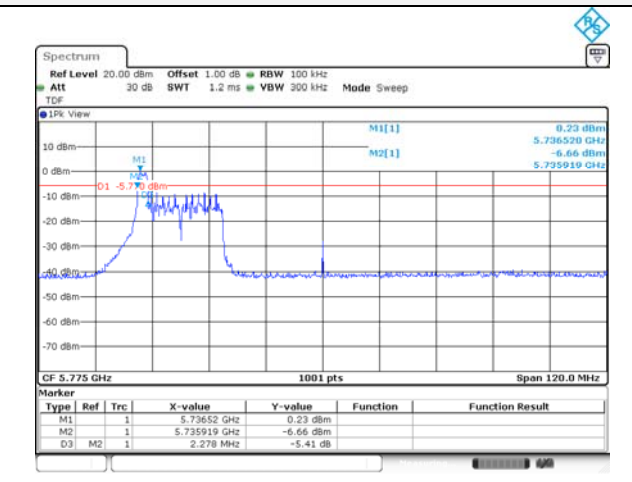
802.11ax\_HE80 / 26T / RU offset 36 / Straddle ch.



802.11ax\_HE80 / 996T / RU offset 67 / Straddle ch.



802.11ax\_HE80 / 26T / RU offset 0 / Mid ch.

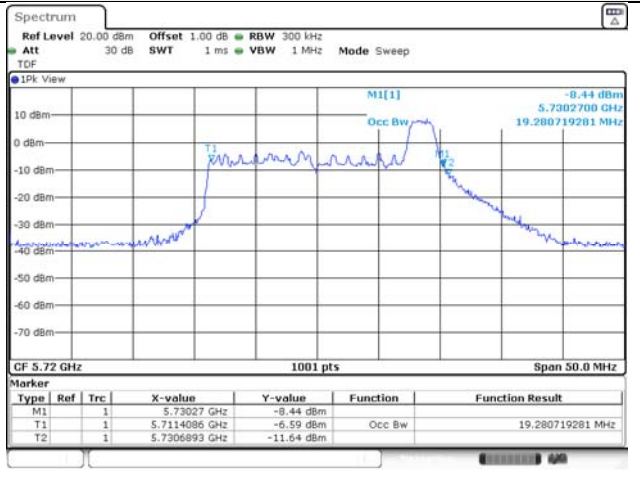
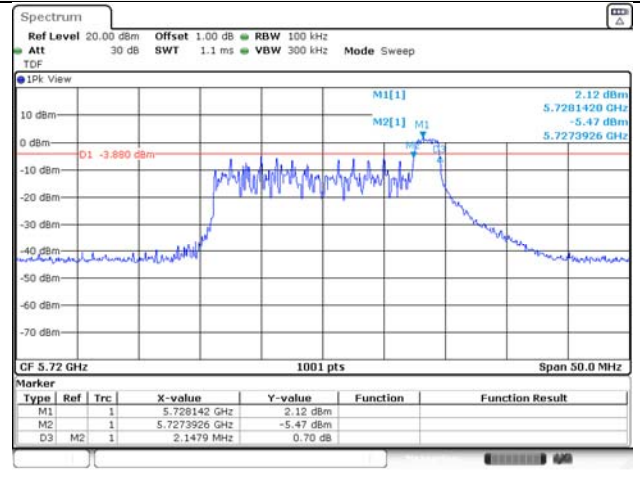


2TX\_MIMO\_UNII-3 Band

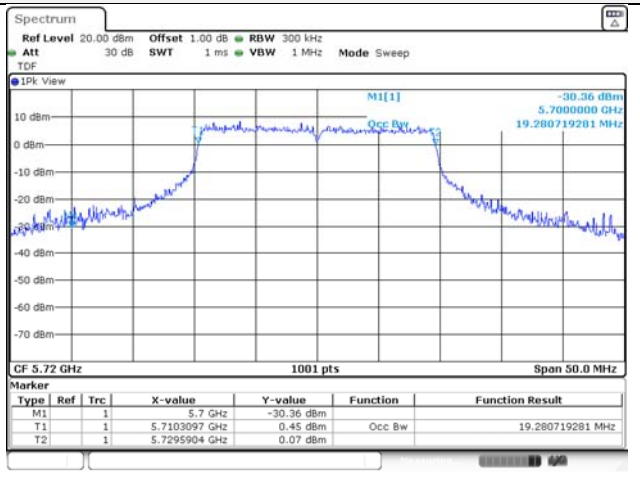
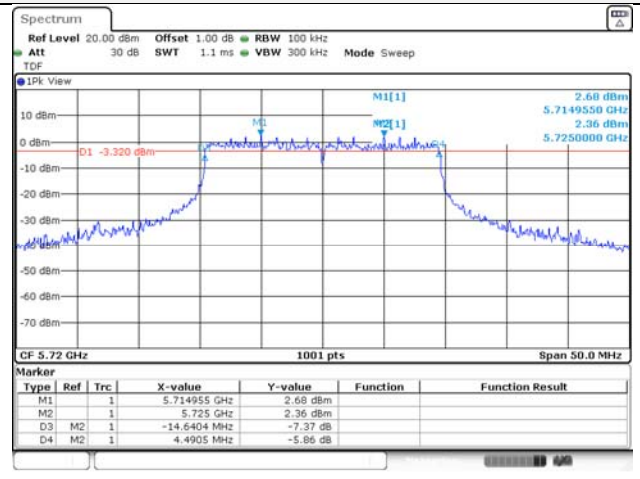
6 dB Bandwidth

99% Bandwidth

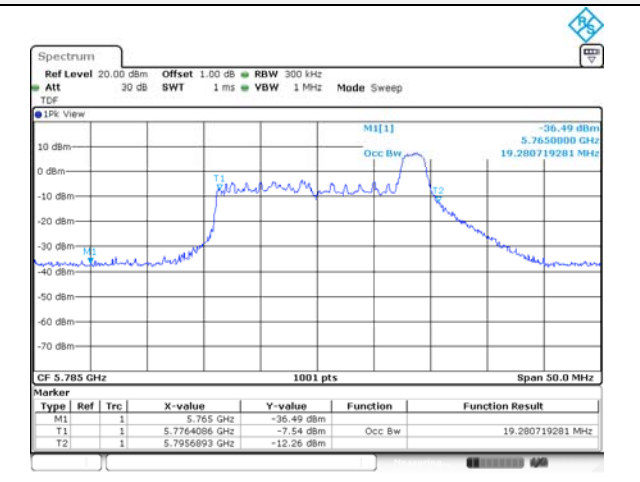
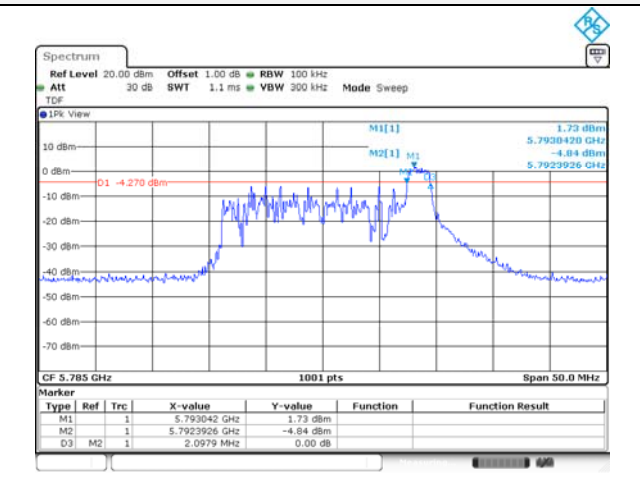
802.11ax\_HE20 / 26T / RU offset 8 / Straddle ch.



802.11ax\_HE20 / 242T / RU offset 61 / Straddle ch.



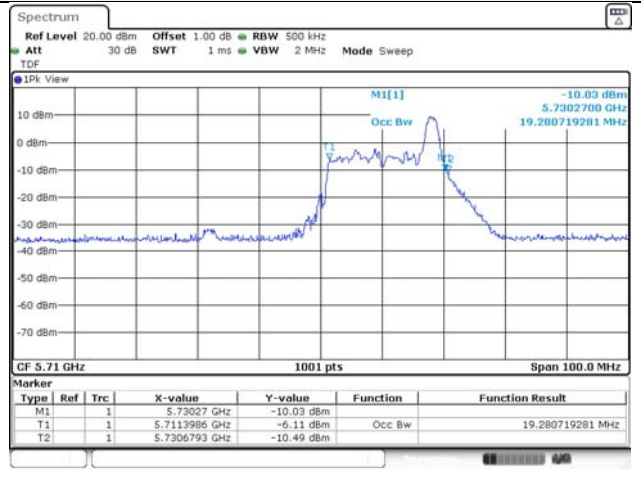
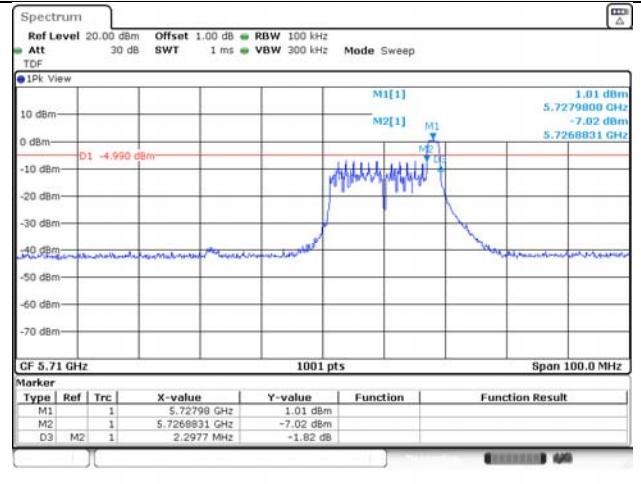
802.11ax\_HE20 / 26T / RU offset 8 / Mid ch.



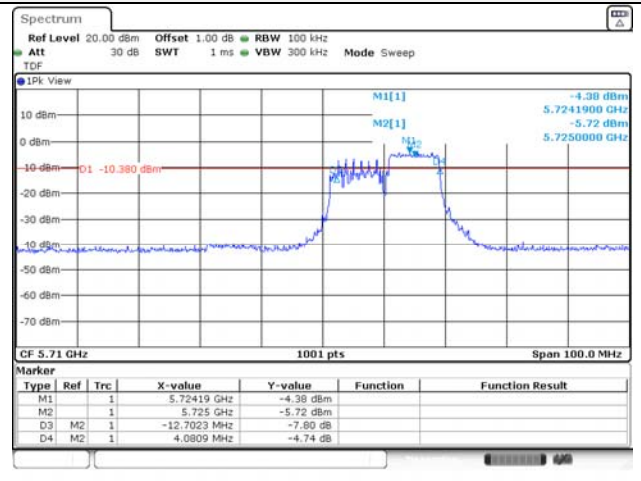
6 dB Bandwidth

99% Bandwidth

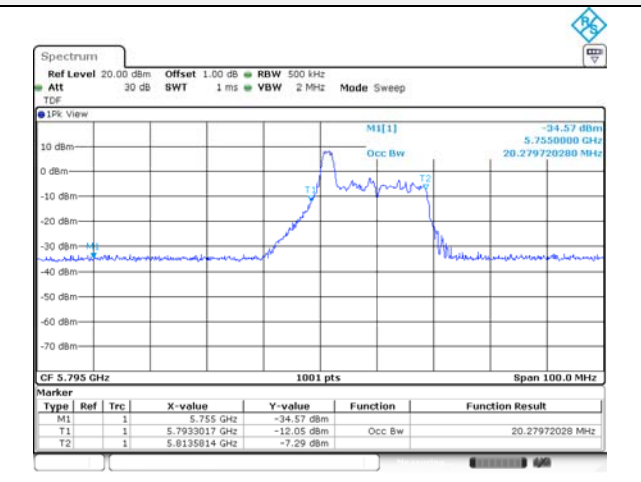
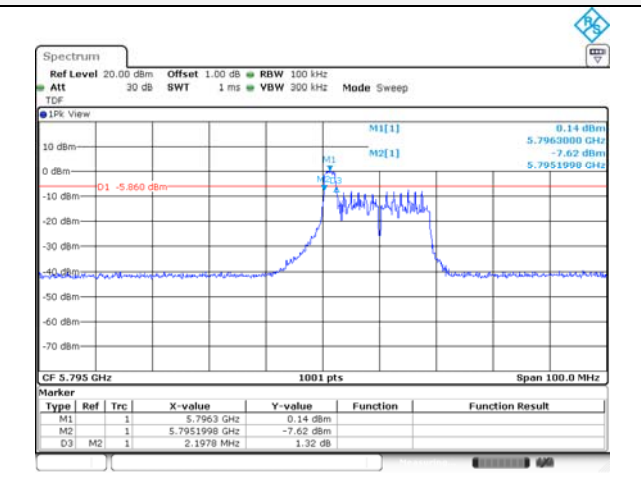
802.11ax\_HE40 / 26T / RU offset 17 / Straddle ch.



802.11ax\_HE40 / 106T / RU offset 56 / Straddle ch.



802.11ax\_HE40 / 26T / RU offset 9 / High ch.

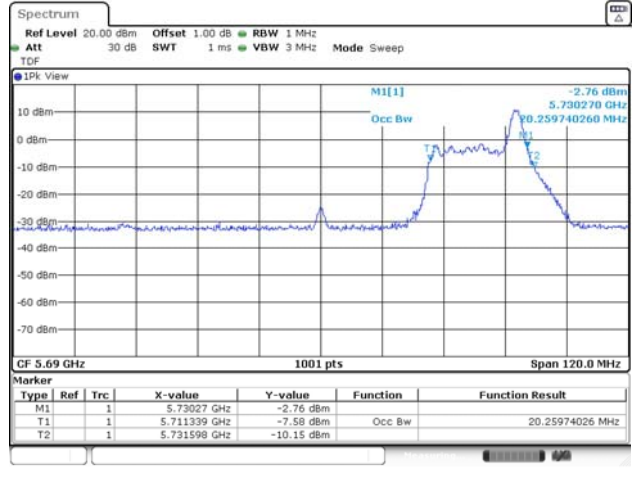
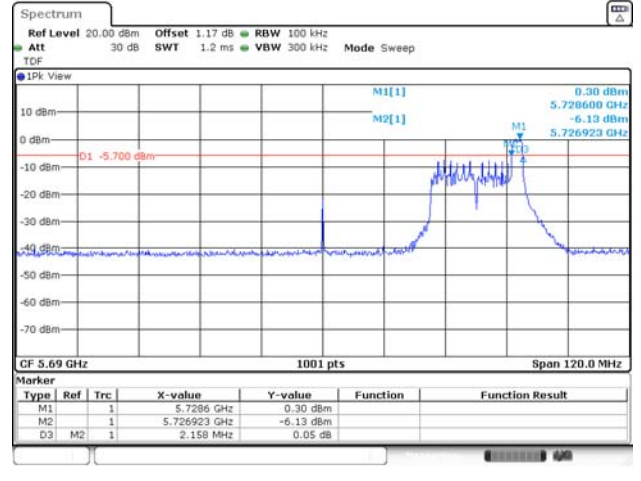




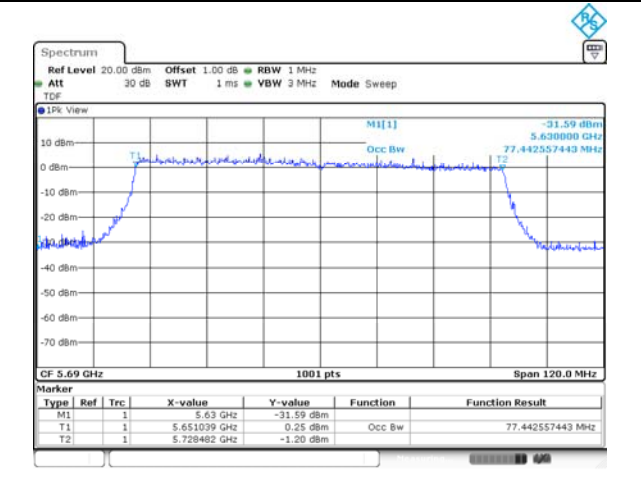
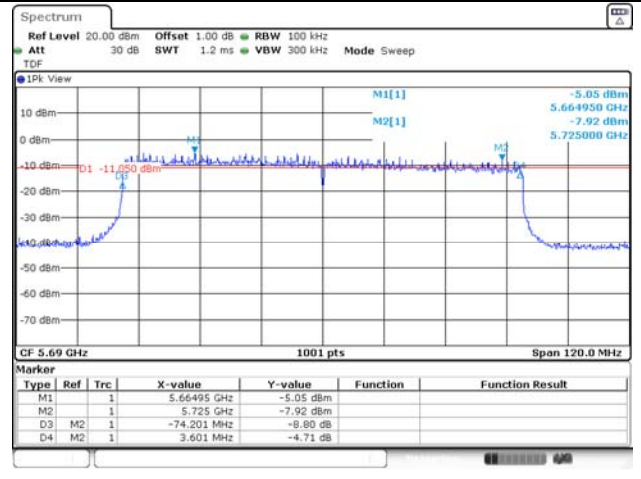
6 dB Bandwidth

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.

