

Appendix C:

FCC 26dB & 6dB test plots

UNII 802.11ax WLAN

REPORT REVISION HISTORY

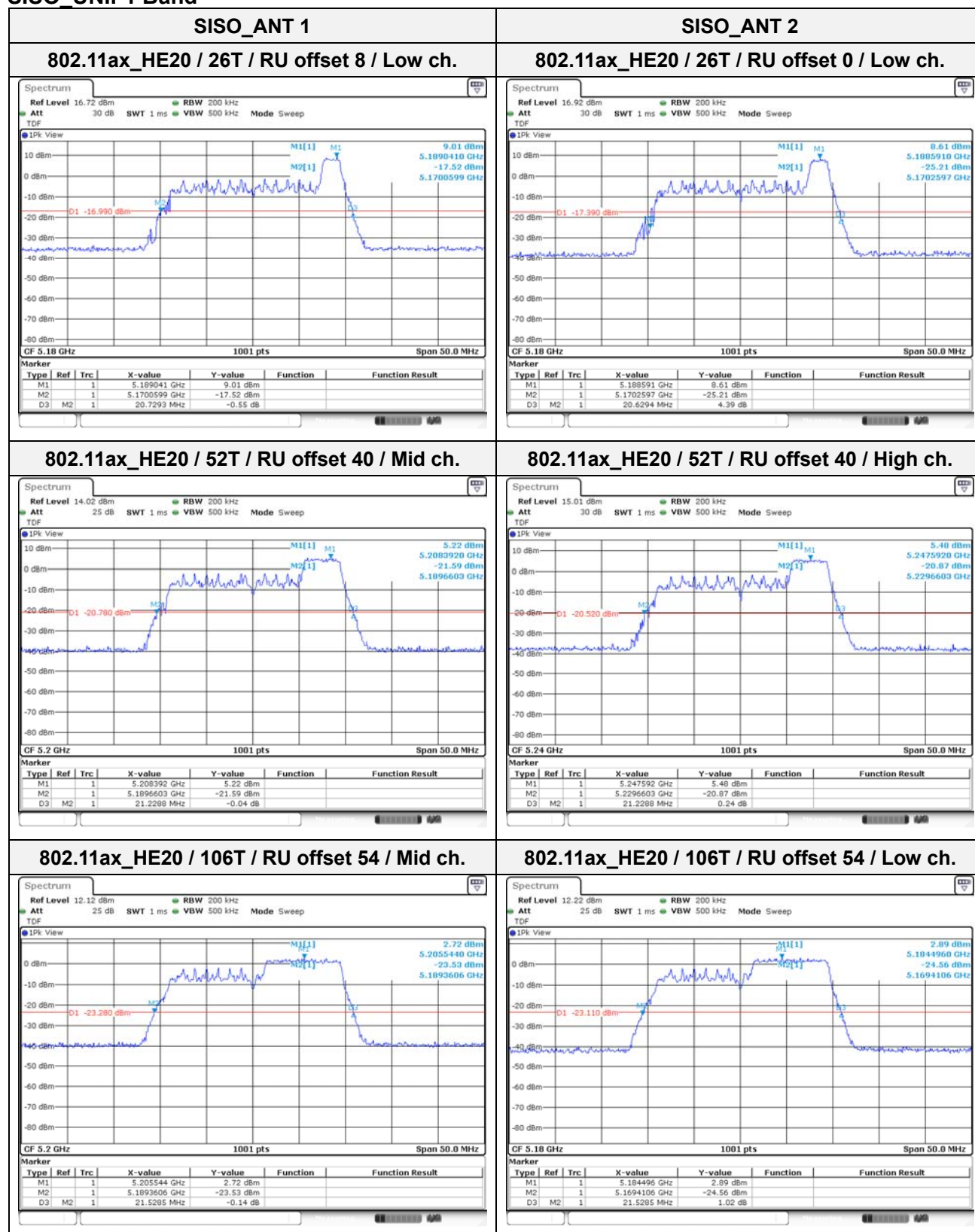
Date	Revision	Page No
2020-08-26	Originally issued	-

Note:

In order to simplify the report, attached plots were only the most lowest data rate.

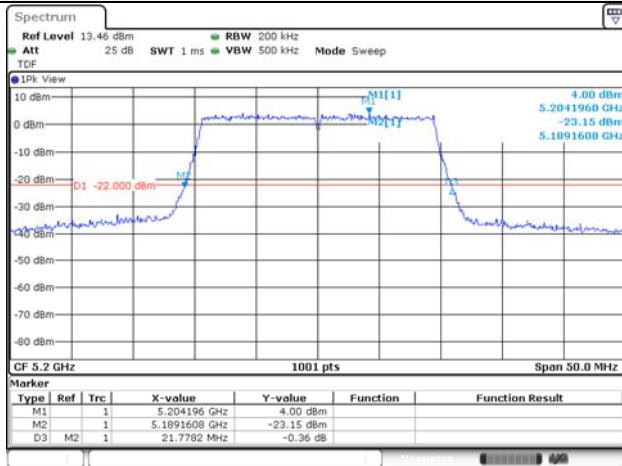
26 dB Channel Bandwidth

SISO_UNII-1 Band



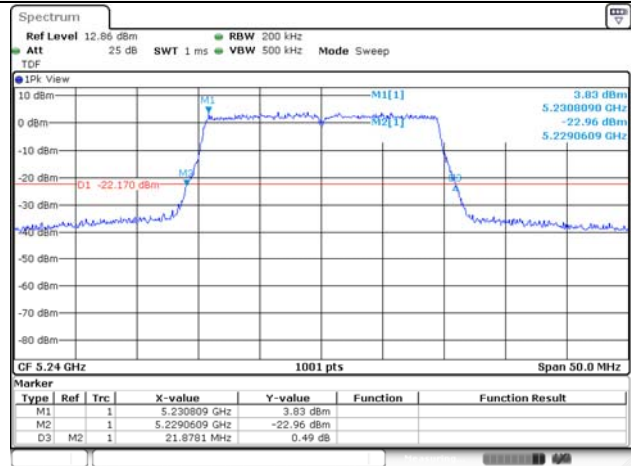
SISO_ANT 1

802.11ax_HE20 / SU / Low ch.

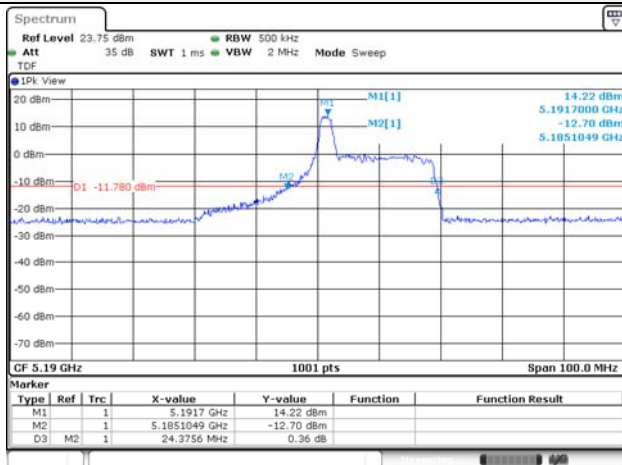


SISO_ANT 2

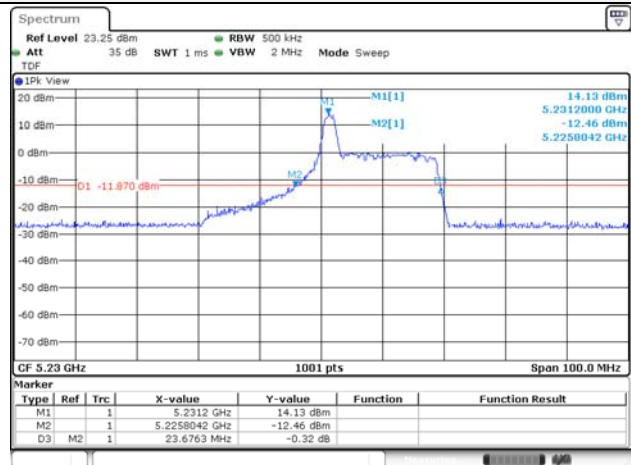
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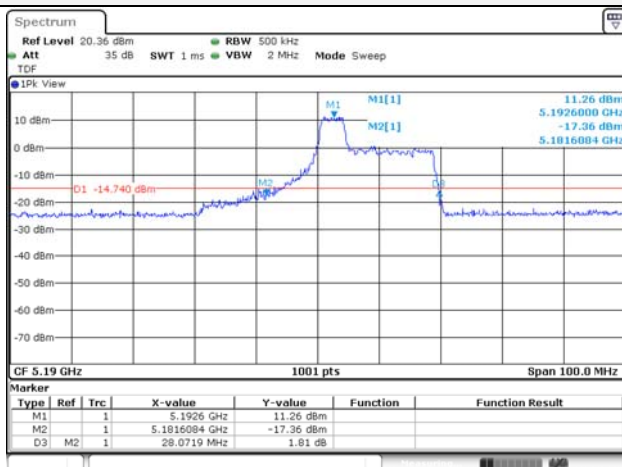
802.11ax_HE40 / 26T / RU offset 9 / Low ch.



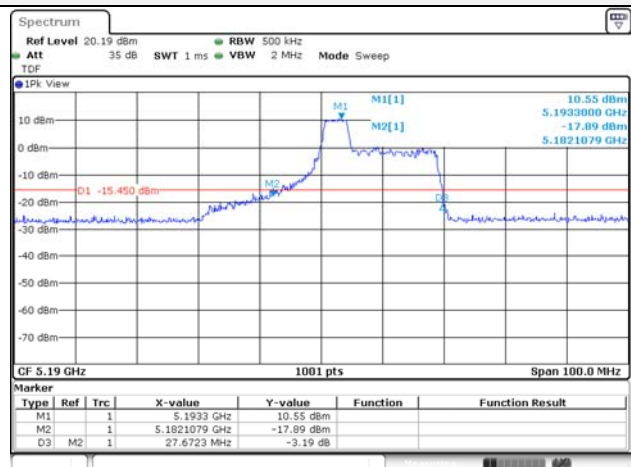
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802.11ax_HE40 / 52T / RU offset 41 / Low ch.

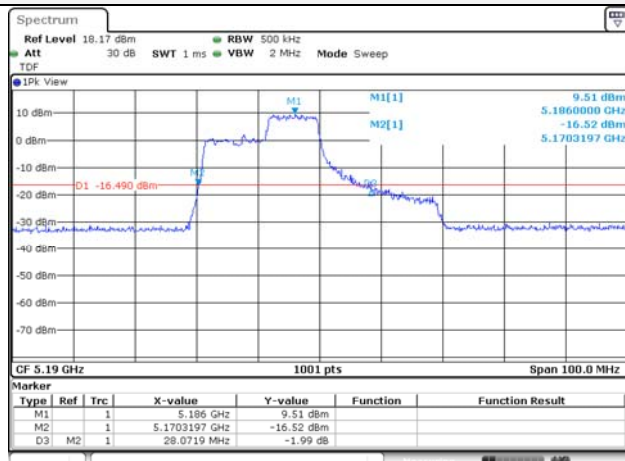


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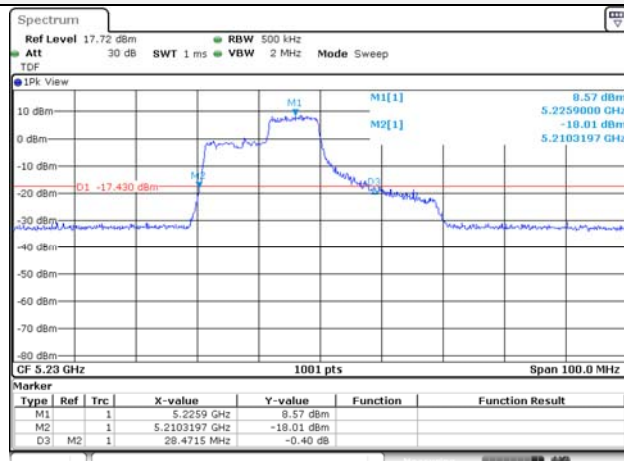
SISO_ANT 1

802.11ax_HE40 / 106T / RU offset 54 / Low ch.

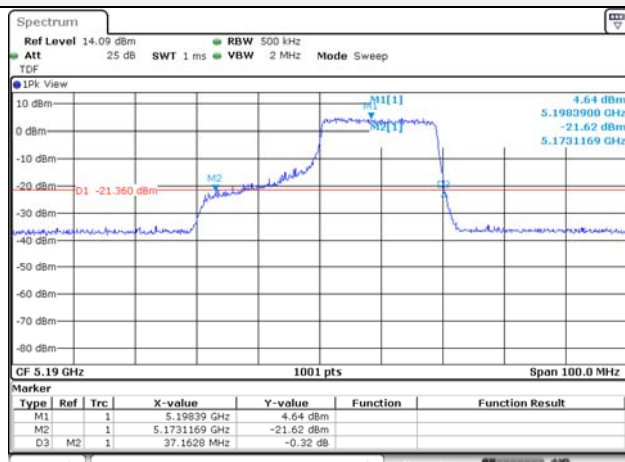


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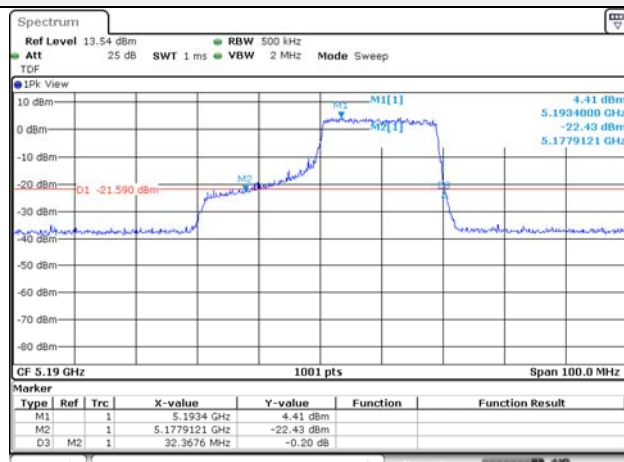
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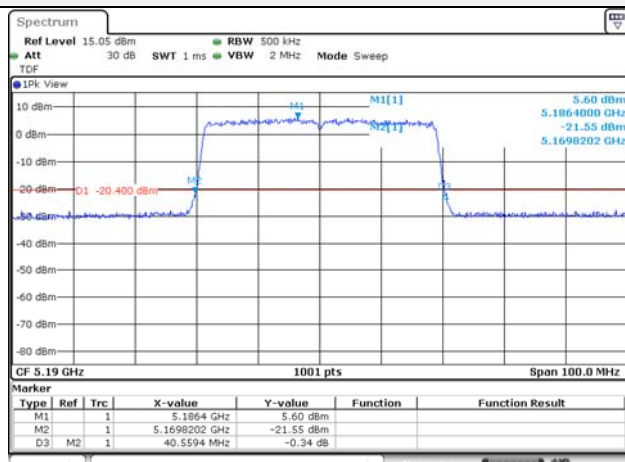
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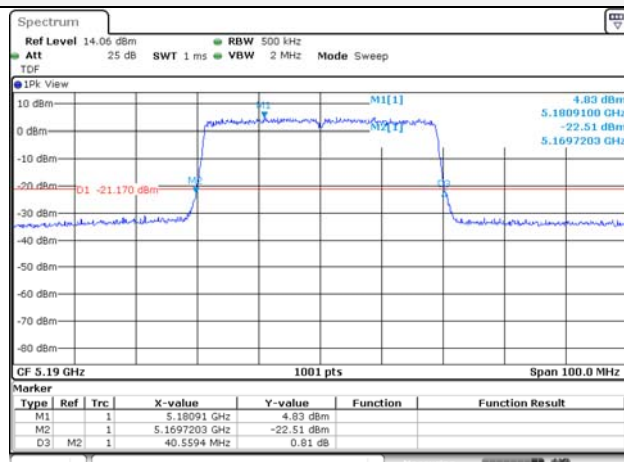
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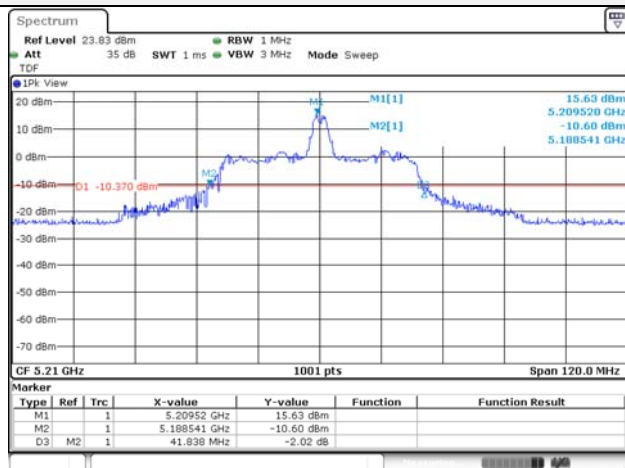


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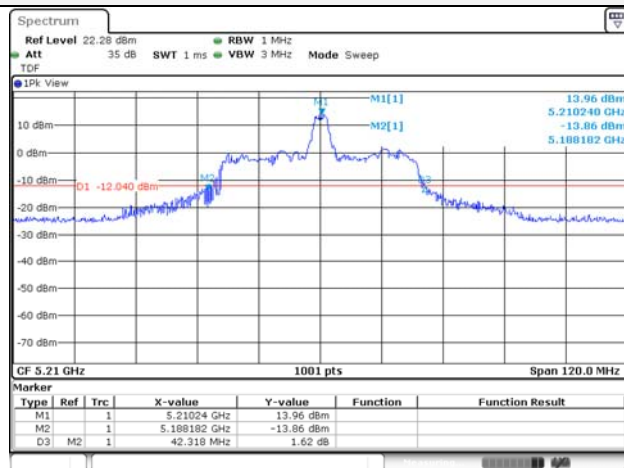
SISO_ANT 1

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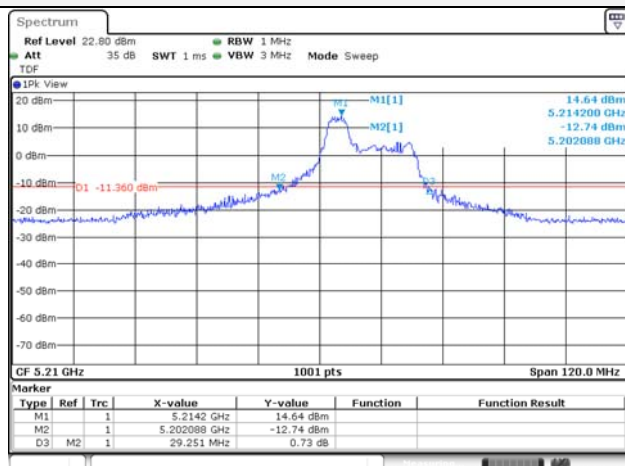


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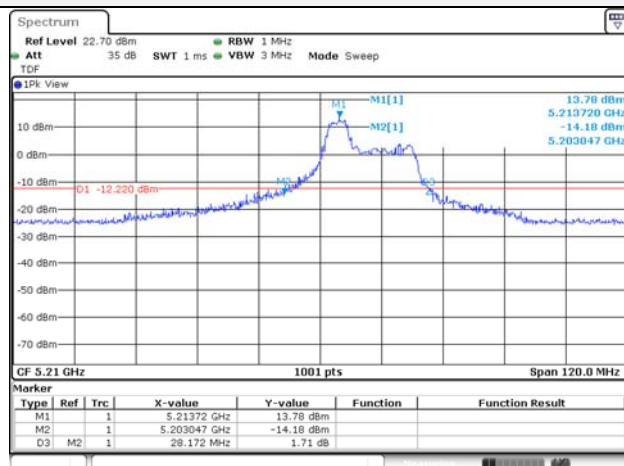
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802.11ax_HE80 / 52T / RU offset 45 / Mid ch.



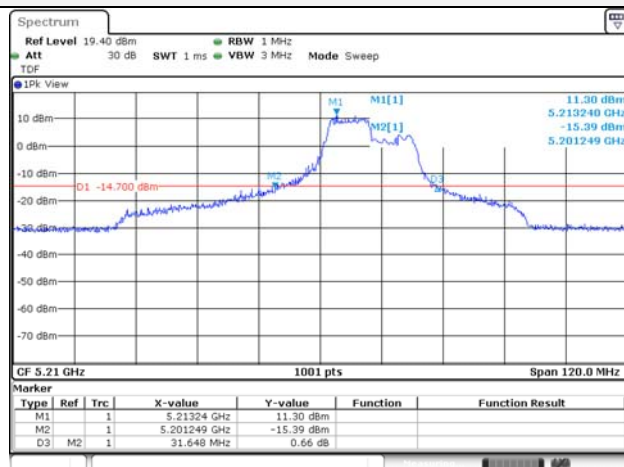
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802.11ax_HE80 / 106T / RU offset 57 / Mid ch.

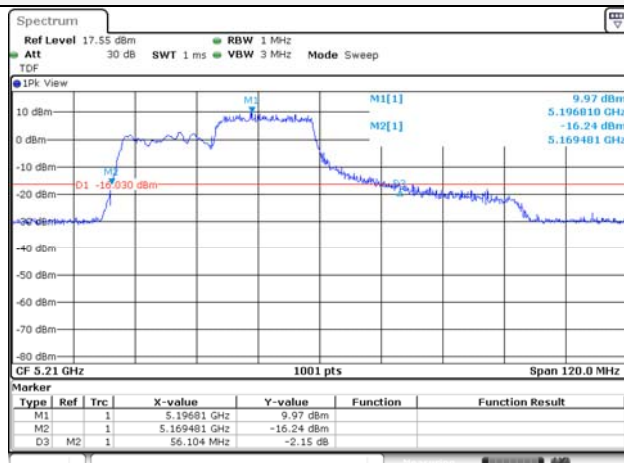


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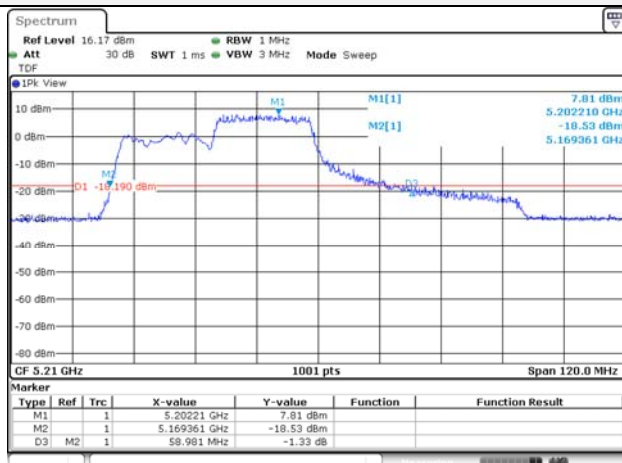
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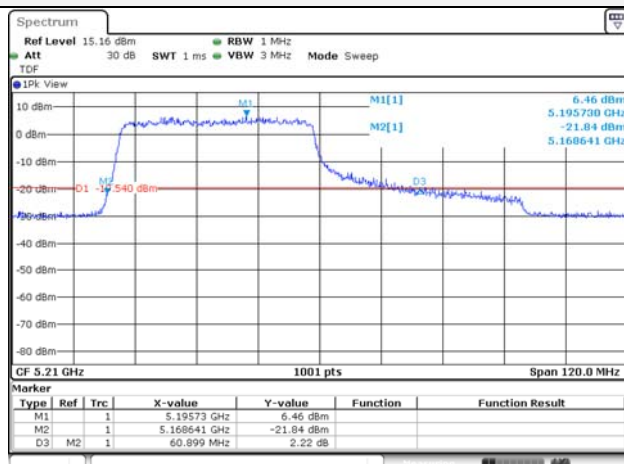


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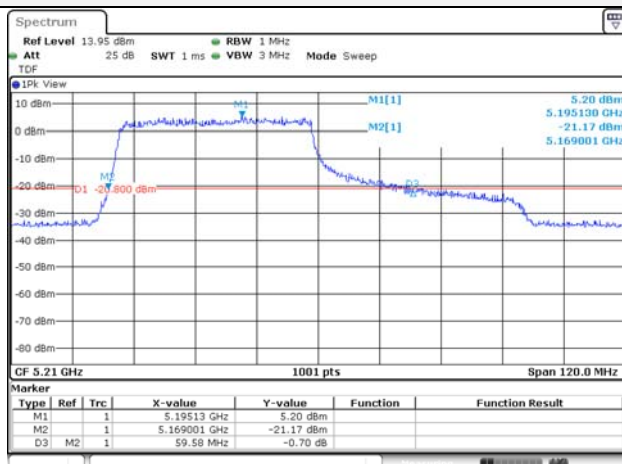
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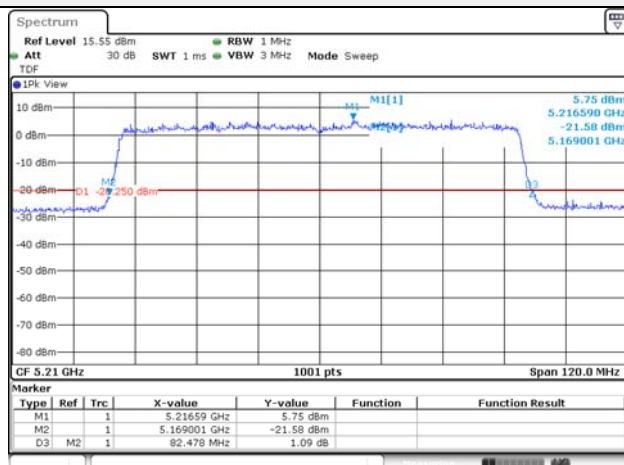
802.11ax_HE80 / 484T / RU offset 65 / Mid ch.



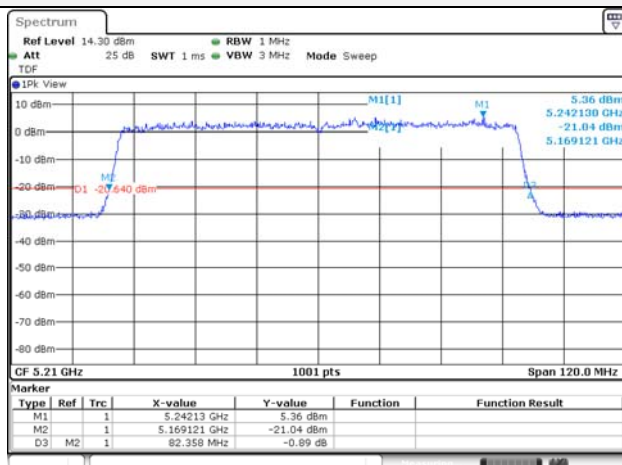
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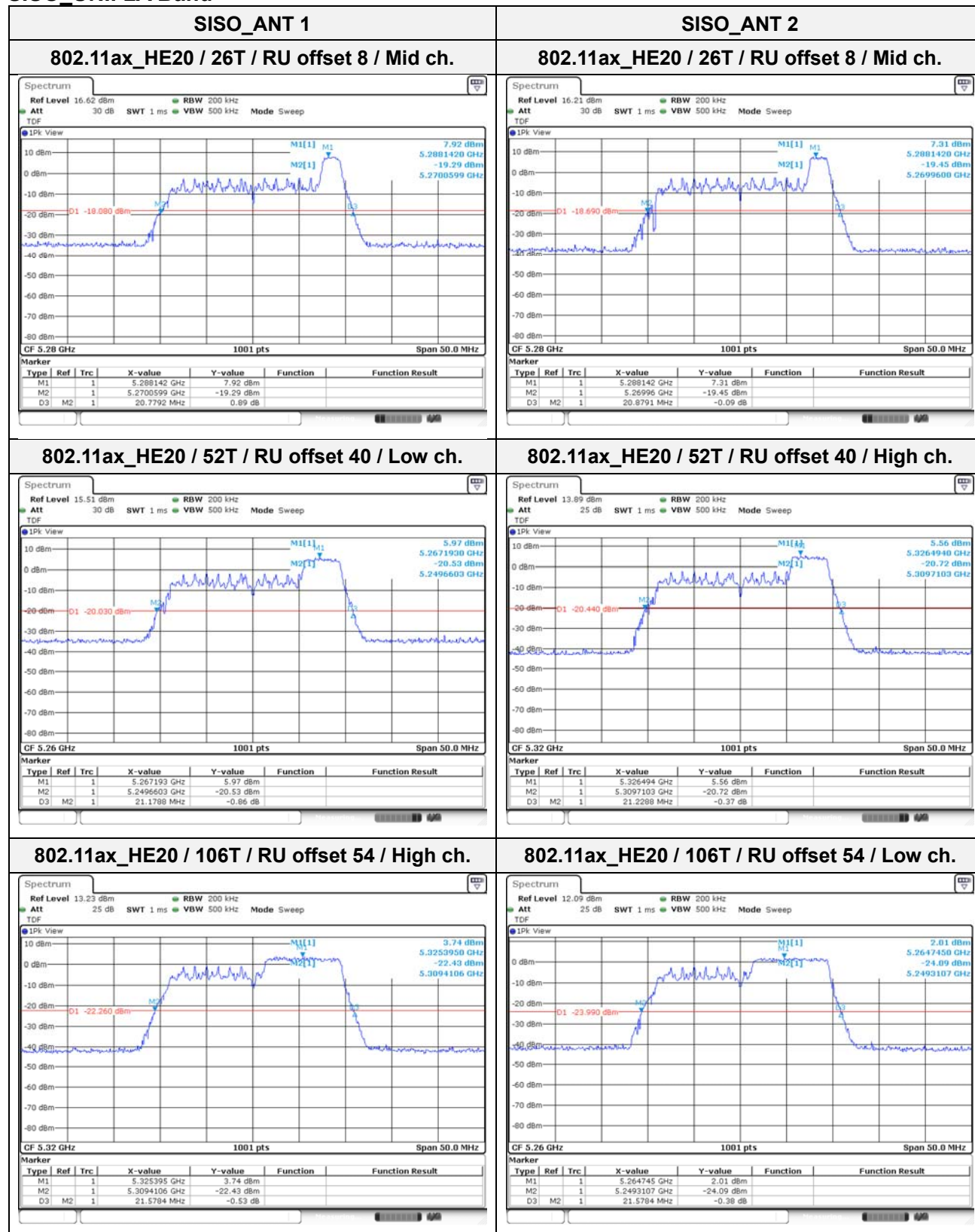
802.11ax_HE80 / SU / Mid ch.



802.11ax_HE80 / SU / Mid ch.

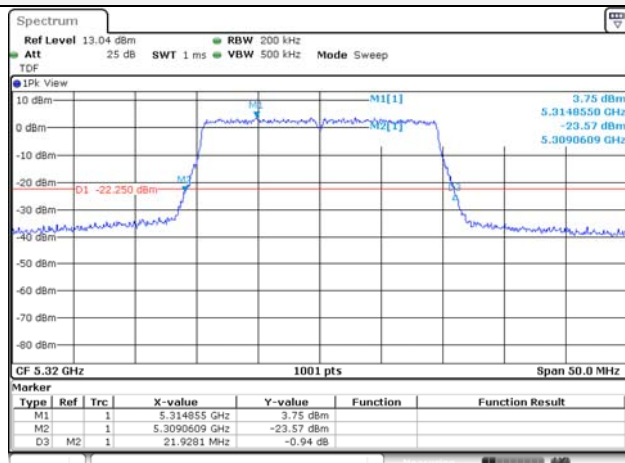


SISO_UNII-2A Band



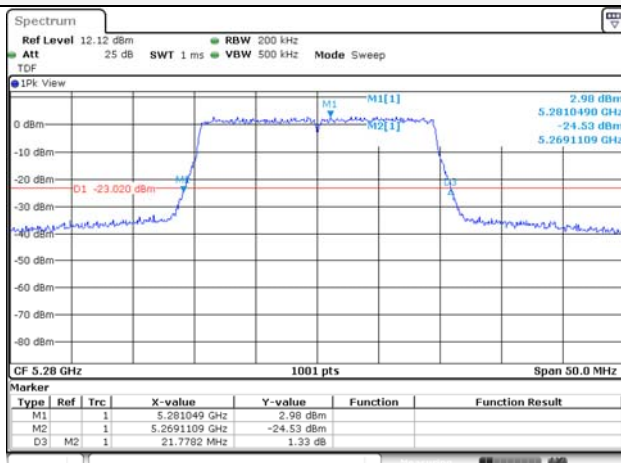
SISO_ANT 1

802.11ax_HE20 / SU / High ch.

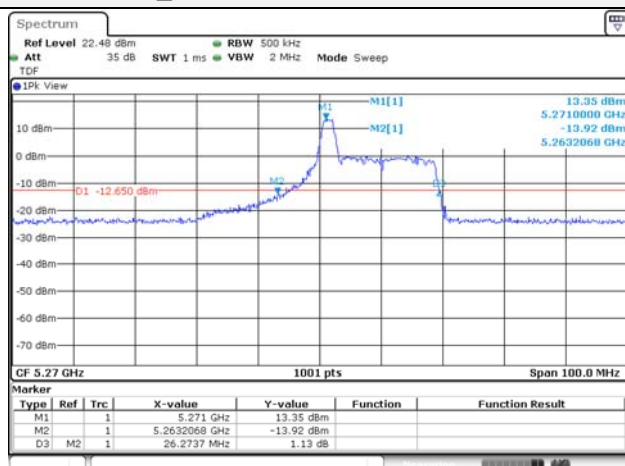


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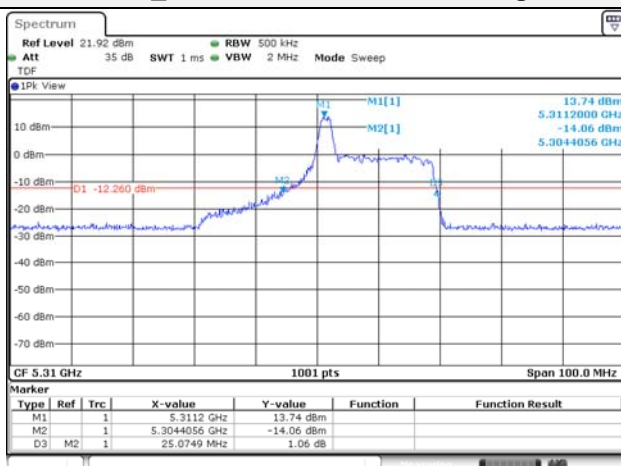
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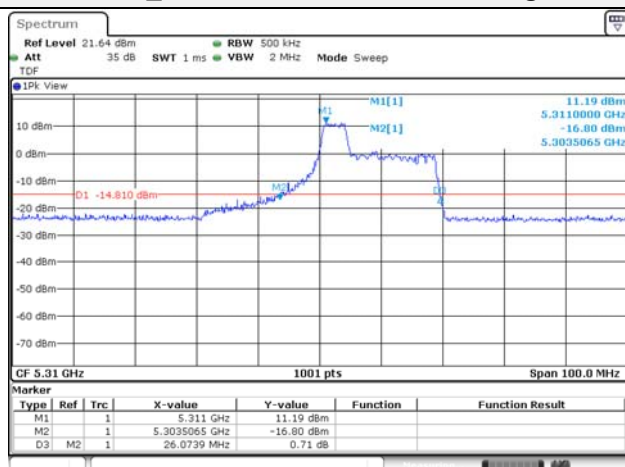
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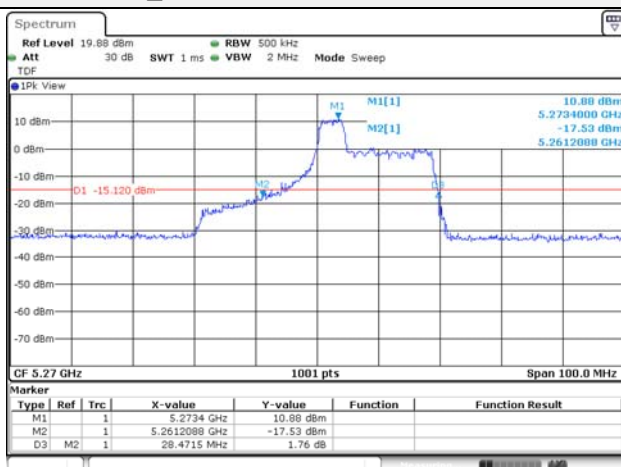
802.11ax_HE40 / 26T / RU offset 9 / High ch.



802.11ax_HE40 / 52T / RU offset 41 / High ch.

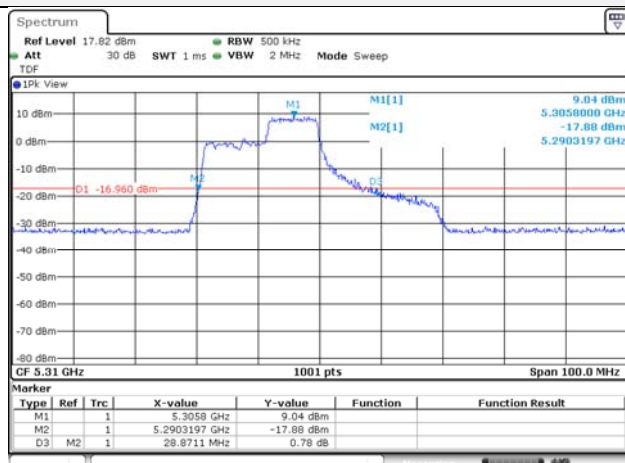


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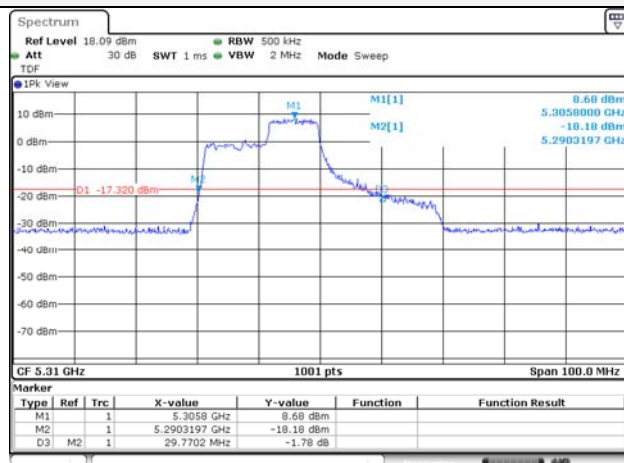
SISO_ANT 1

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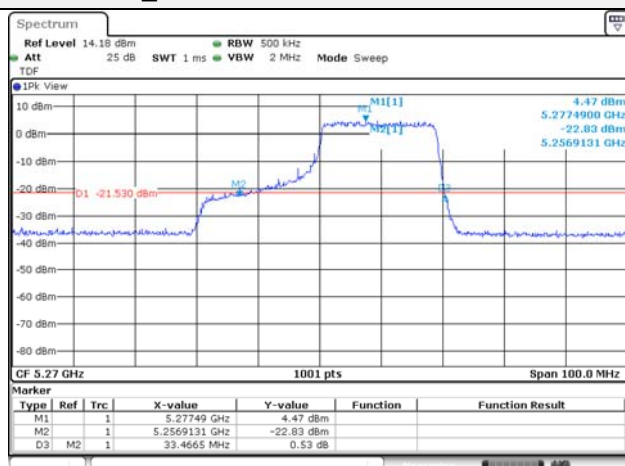


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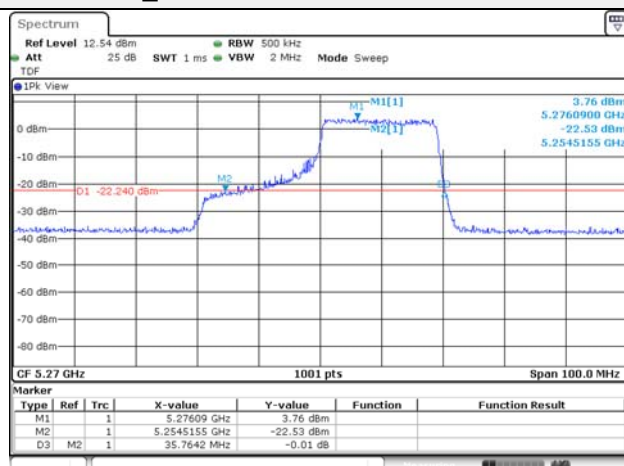
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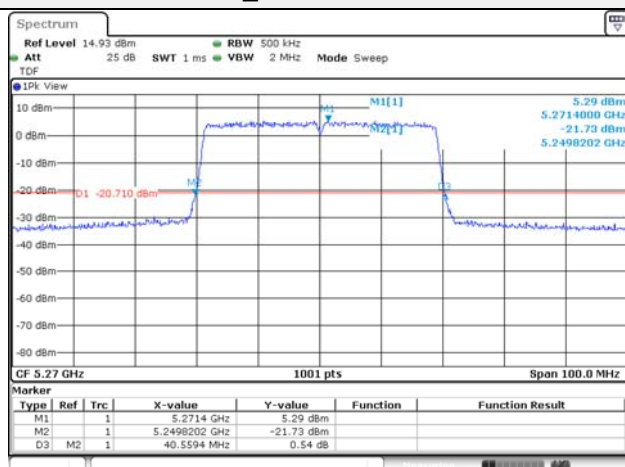
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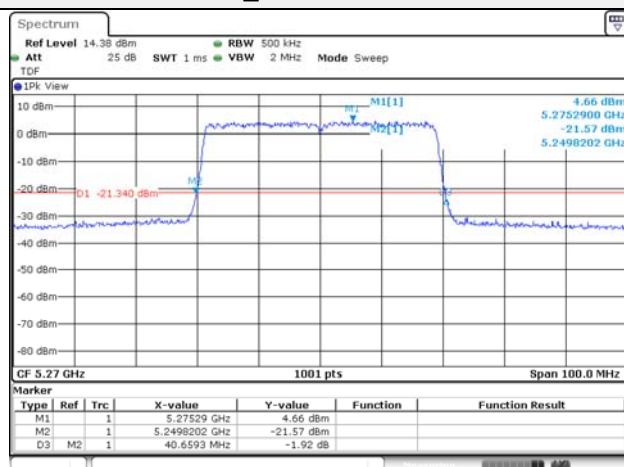
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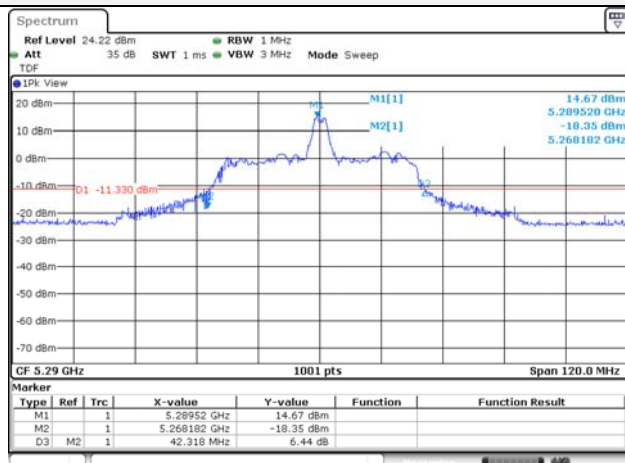


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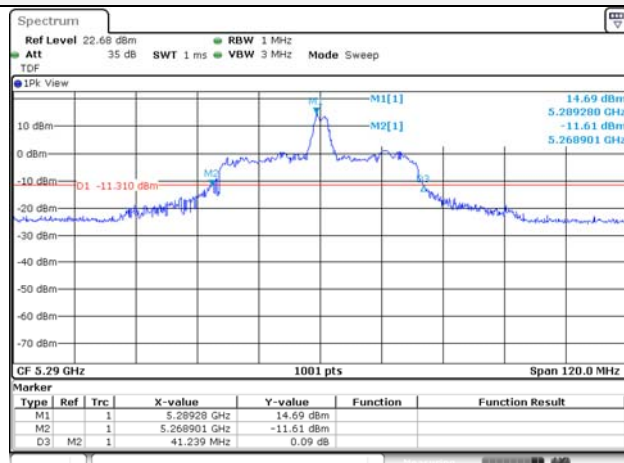
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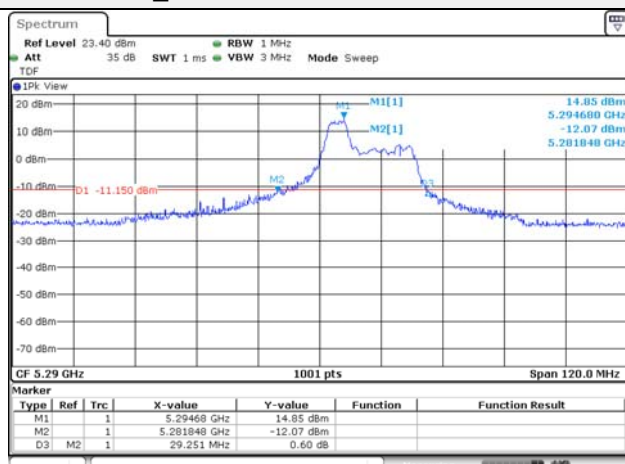


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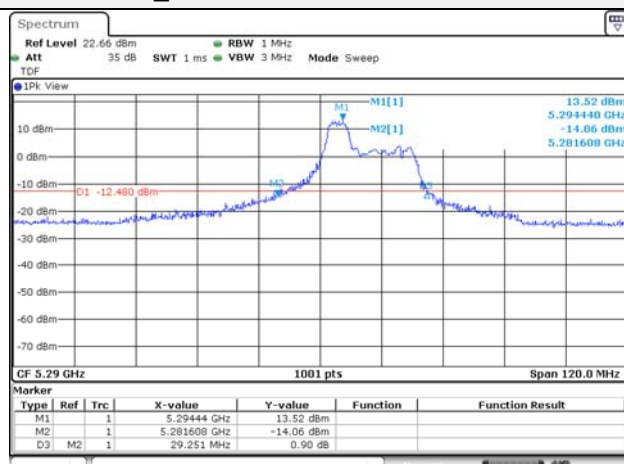
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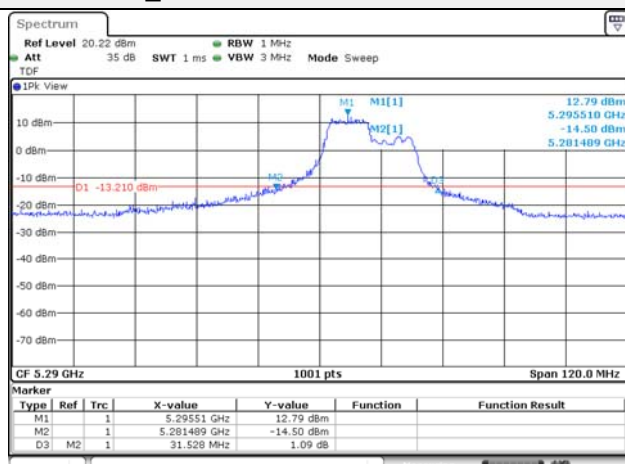
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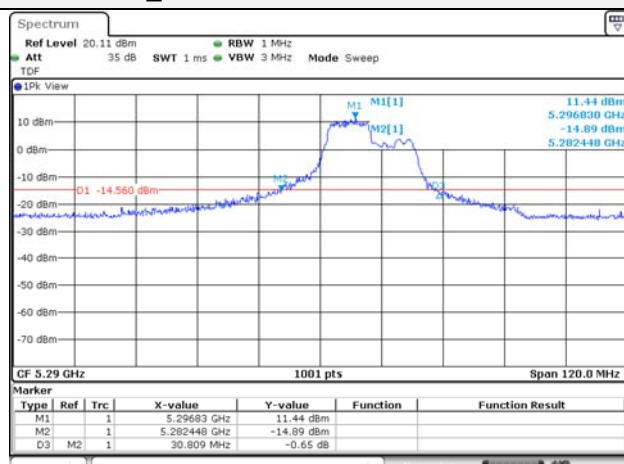
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802.11ax_HE80 / 106T / RU offset 57 / Mid ch.

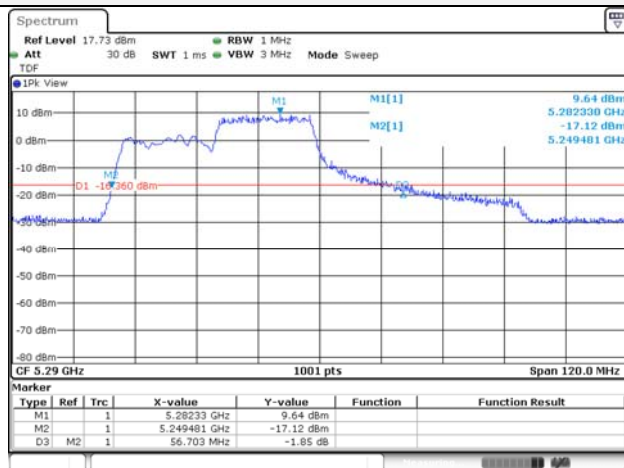


802.11ax_HE80 / 106T / RU offset 57 / Mid ch.



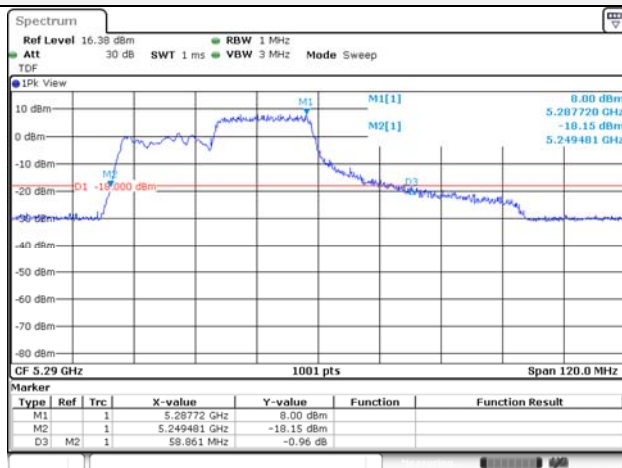
SISO_ANT 1

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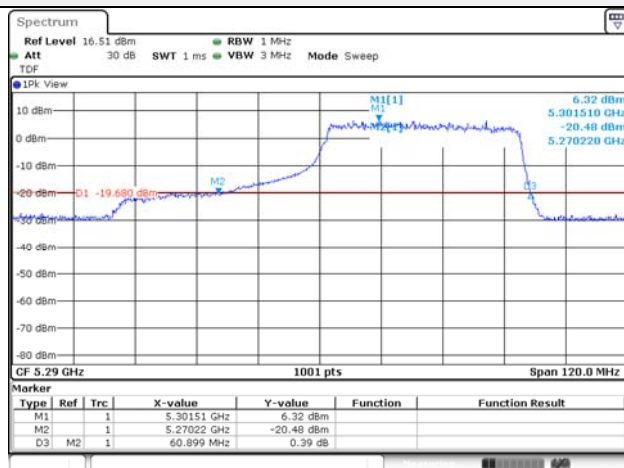


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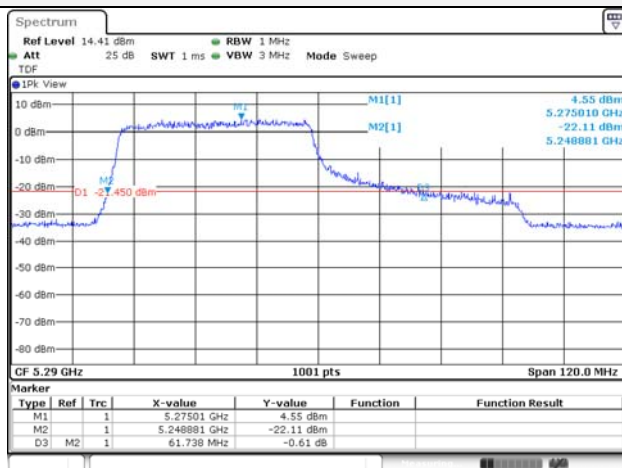
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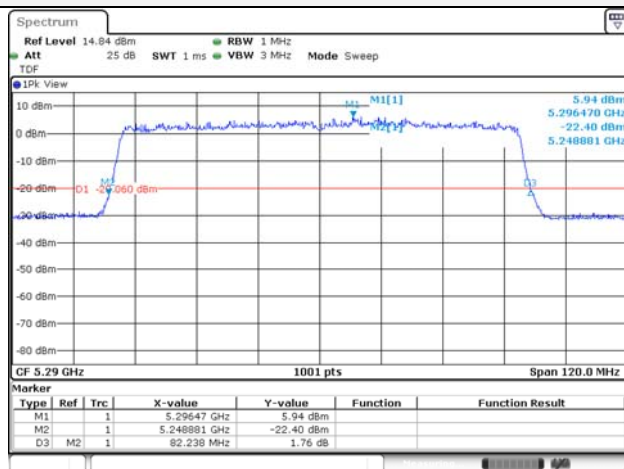
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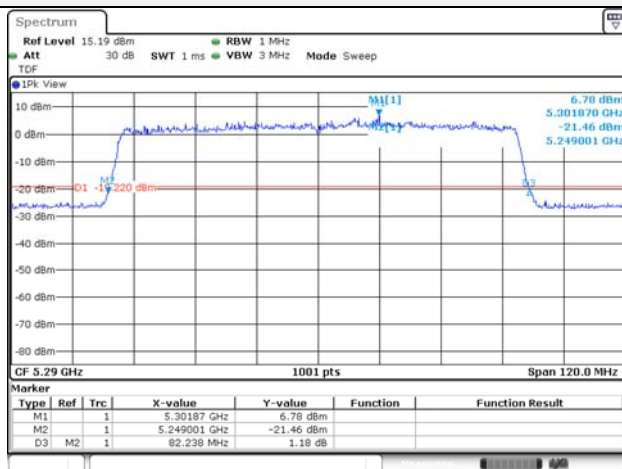
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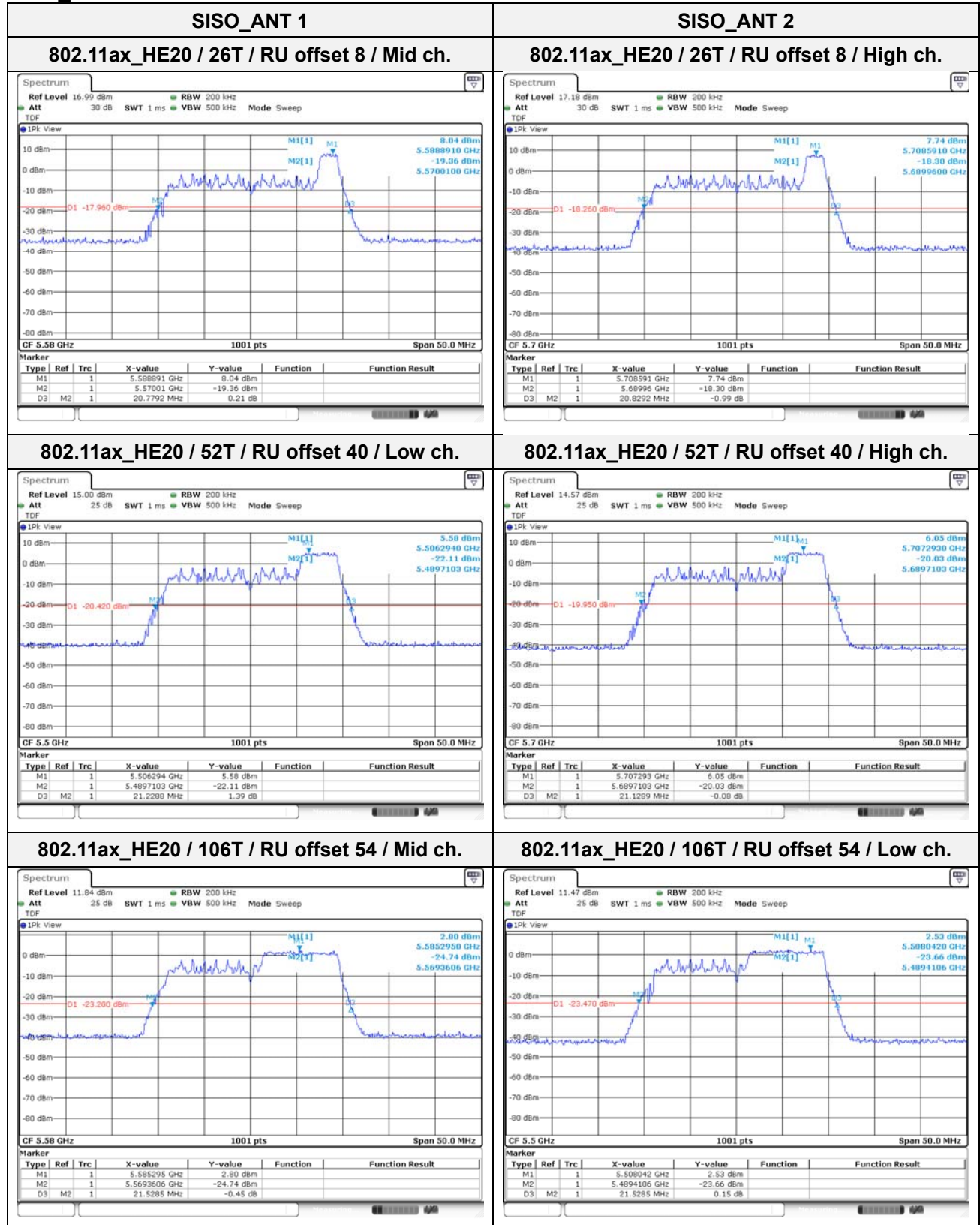
802.11ax_HE80 / SU / Mid ch.



802.11ax_HE80 / SU / Mid ch.

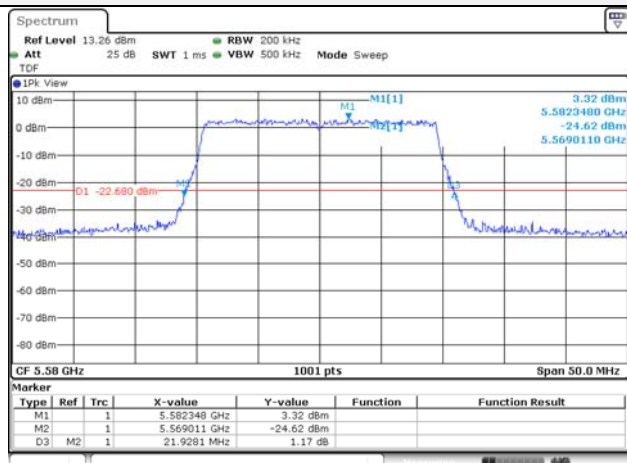


SISO_UNII-2C Band



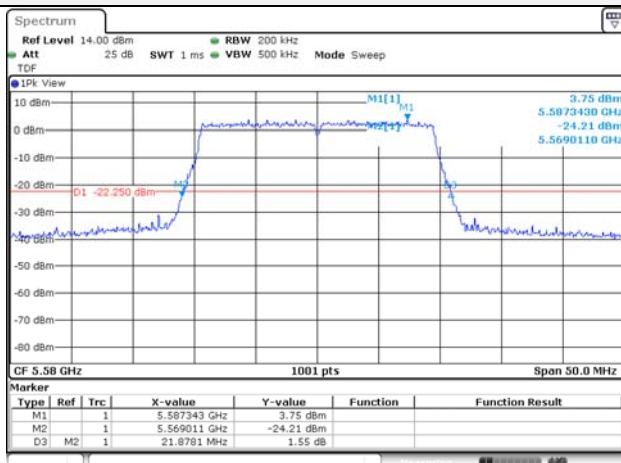
SISO_ANT 1

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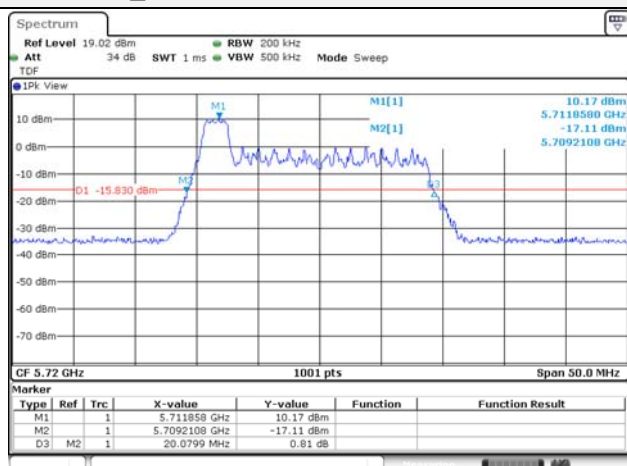


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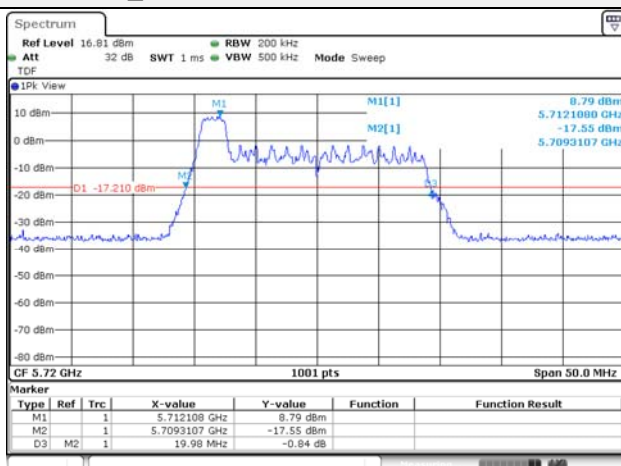
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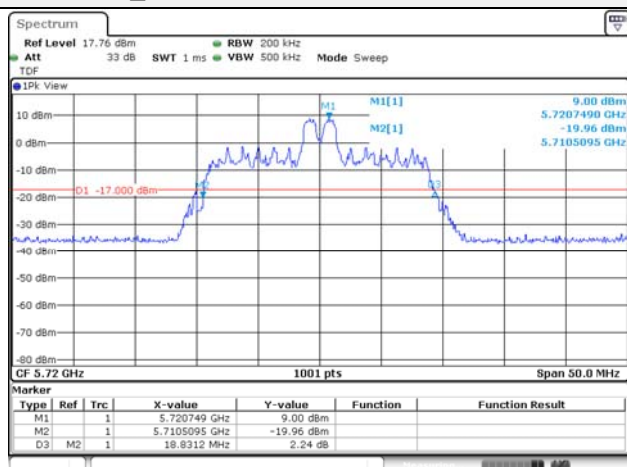
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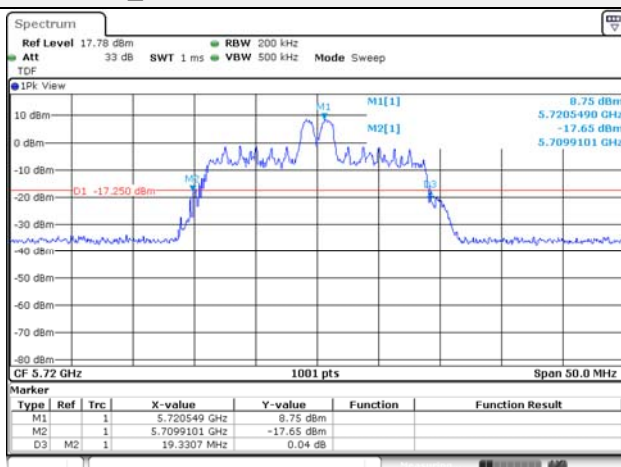
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802.11ax_HE20 / 26T / RU offset 4 / Straddle ch.

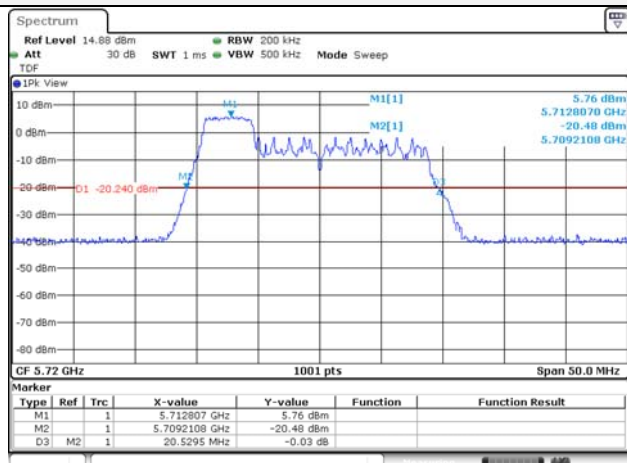


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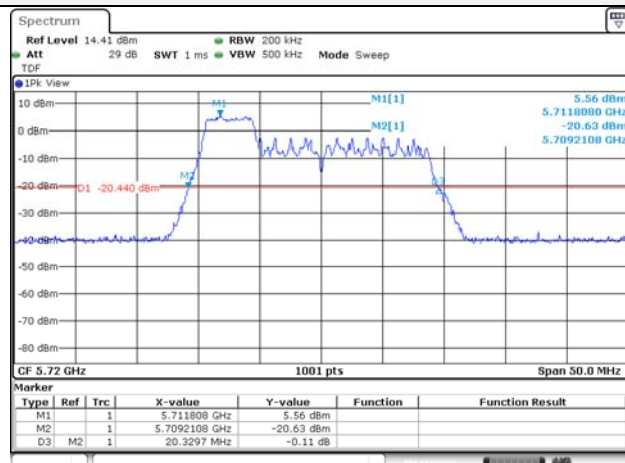
SISO_ANT 1

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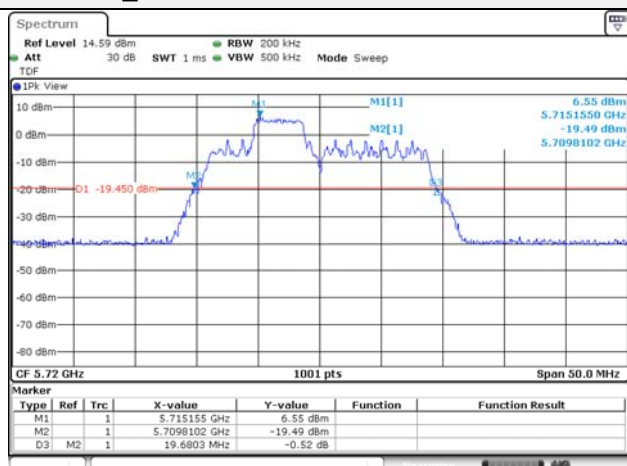


SISO_ANT 2

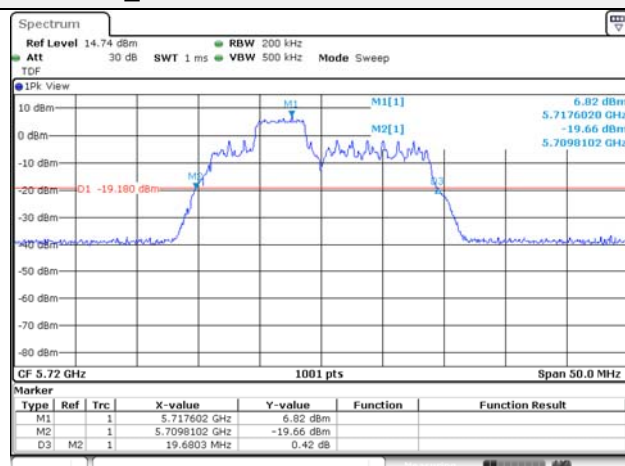
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802.11ax_HE20 / 52T / RU offset 38 / Straddle ch.

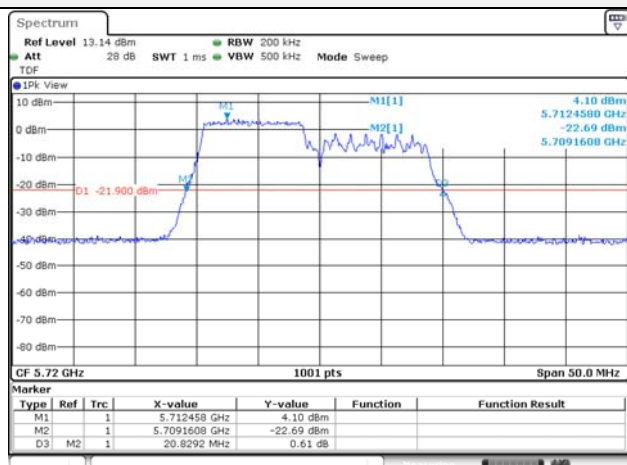


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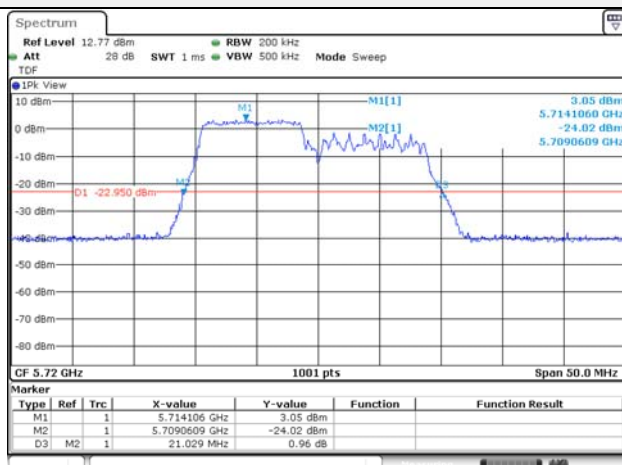
SISO_ANT 1

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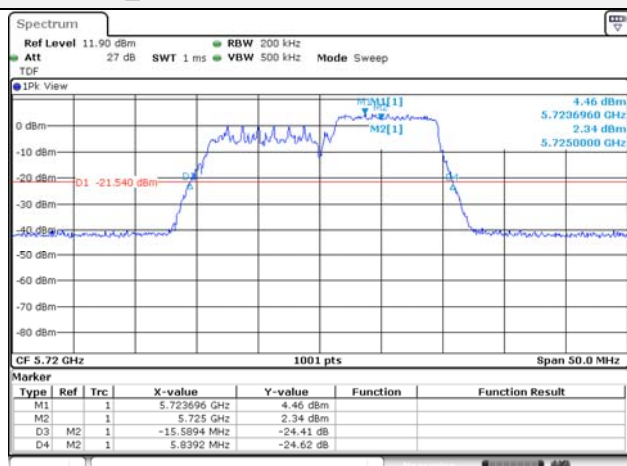


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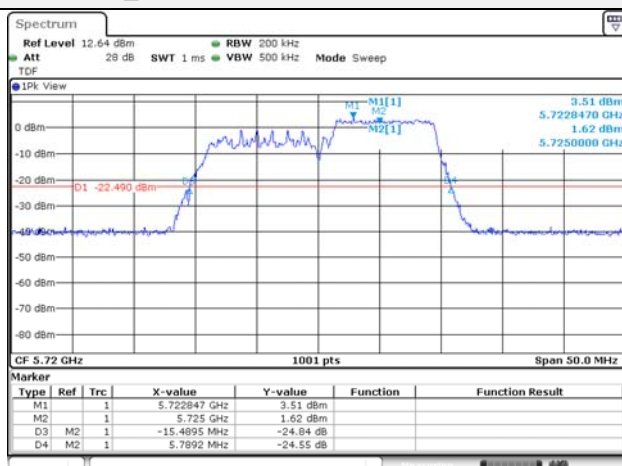
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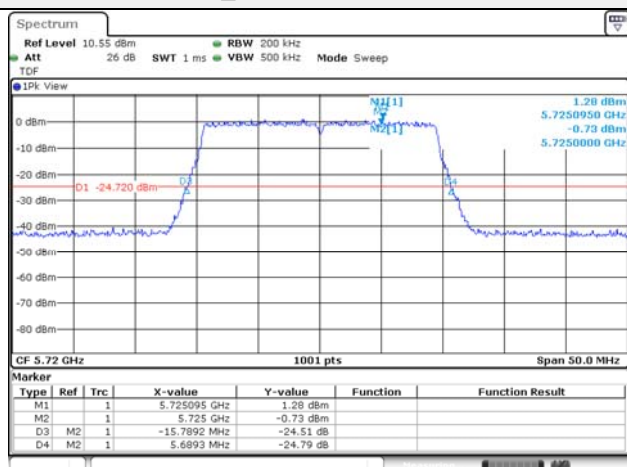
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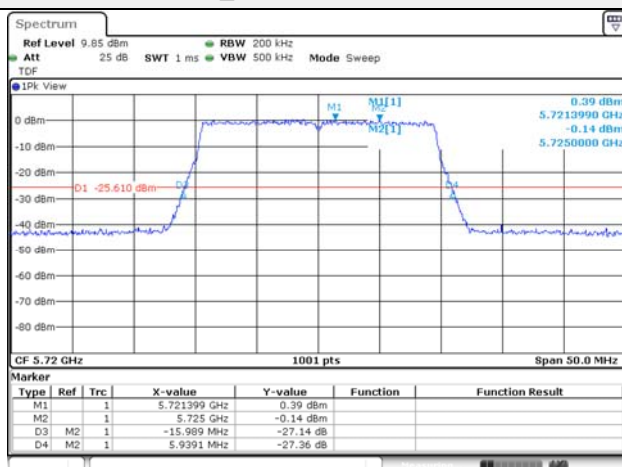
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802.11ax_HE20 / SU / Straddle ch.

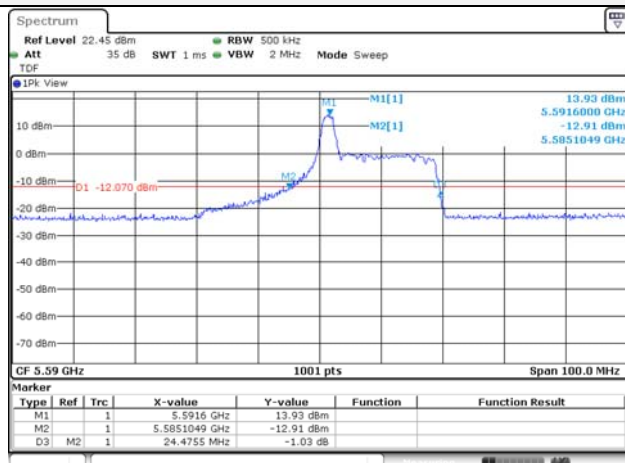


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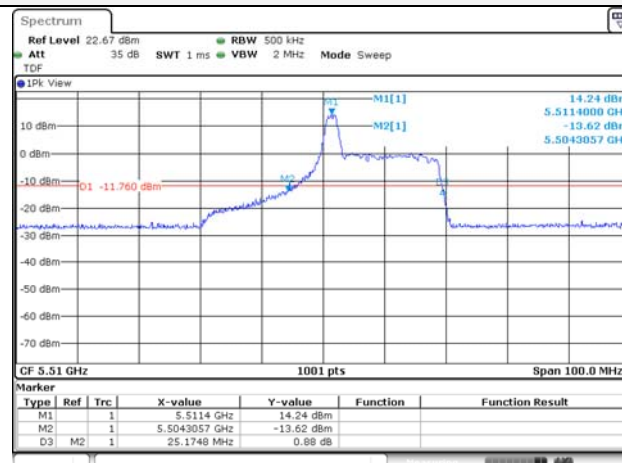
SISO_ANT 1

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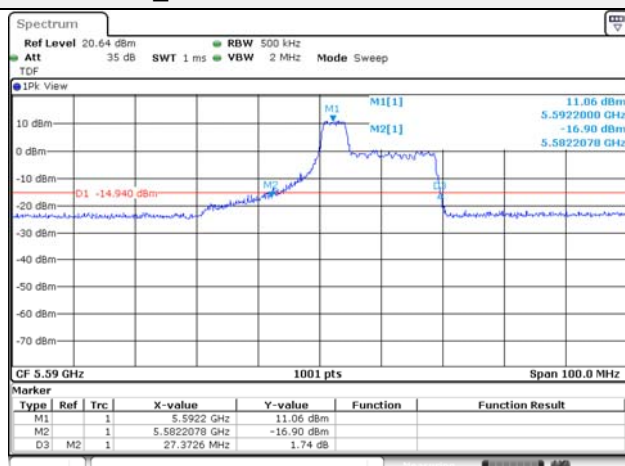


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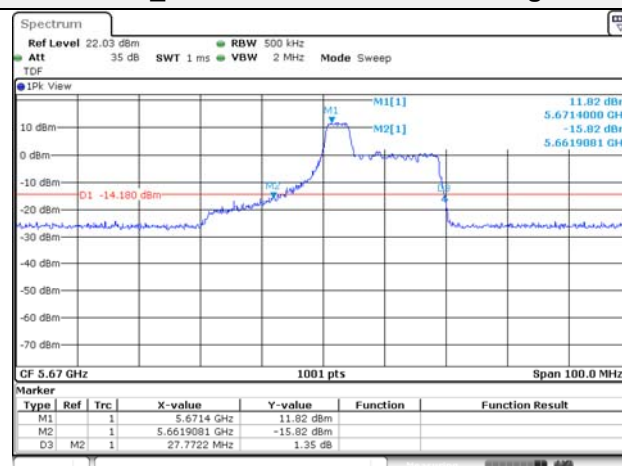
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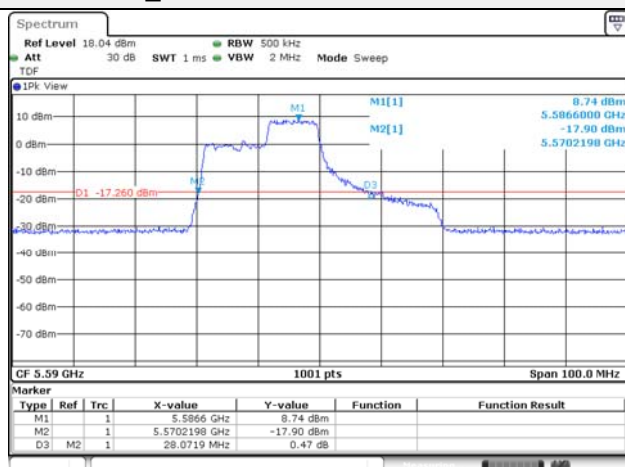
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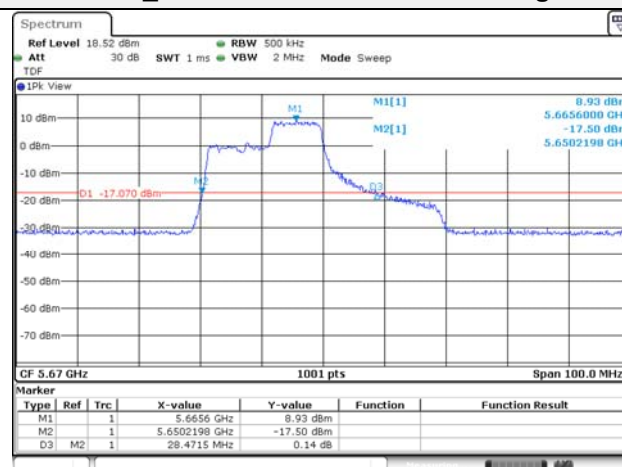
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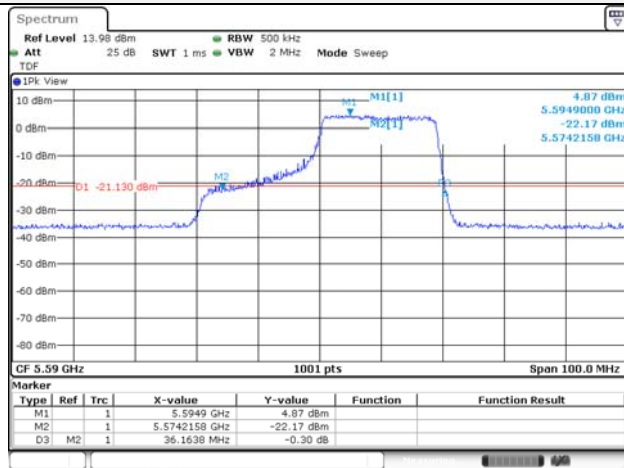


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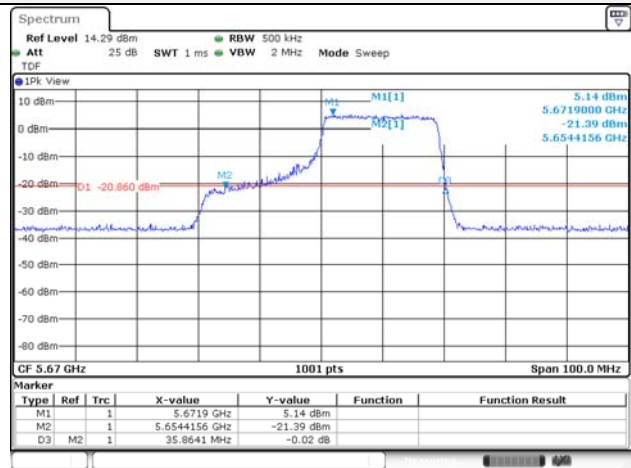
SISO_ANT 1

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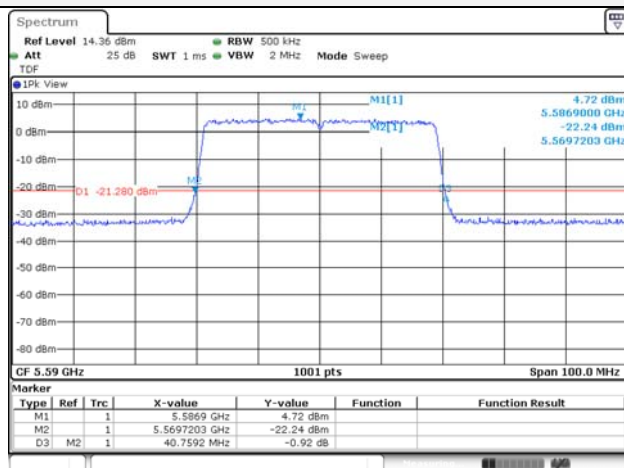


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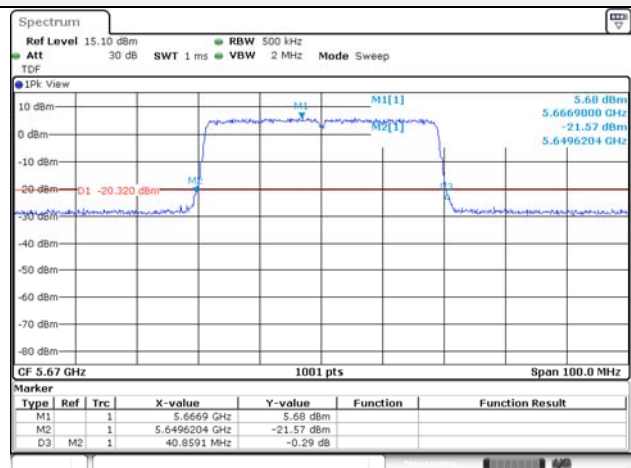
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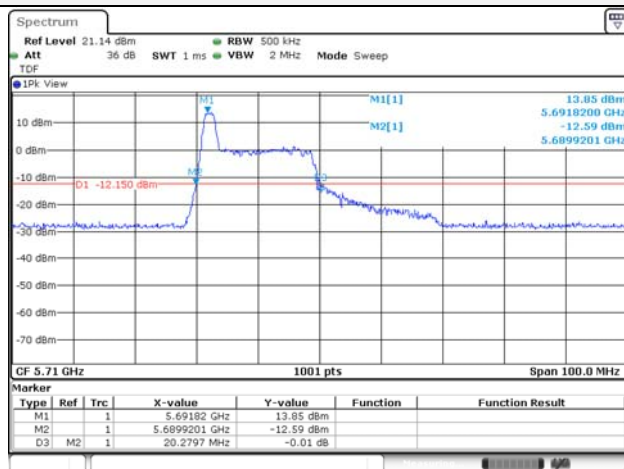
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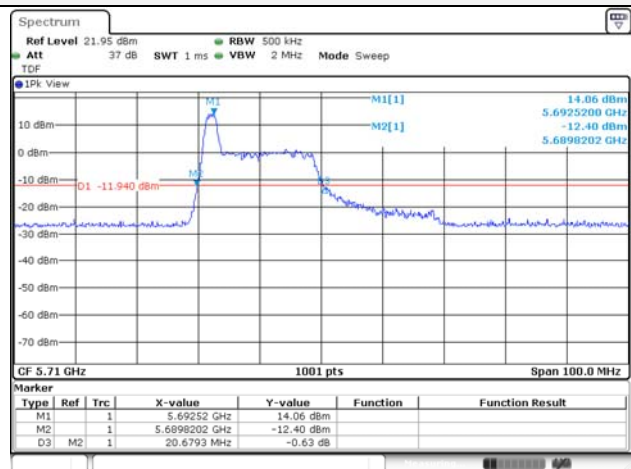
802.11ax_HE40 / SU / High ch.



802.11ax_HE40 / 26T / RU offset 0 / Straddle ch.

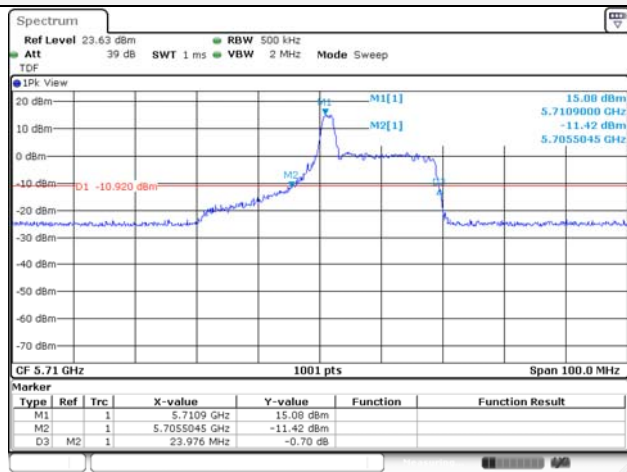


802.11ax_HE40 / 26T / RU offset 0 / Straddle ch.



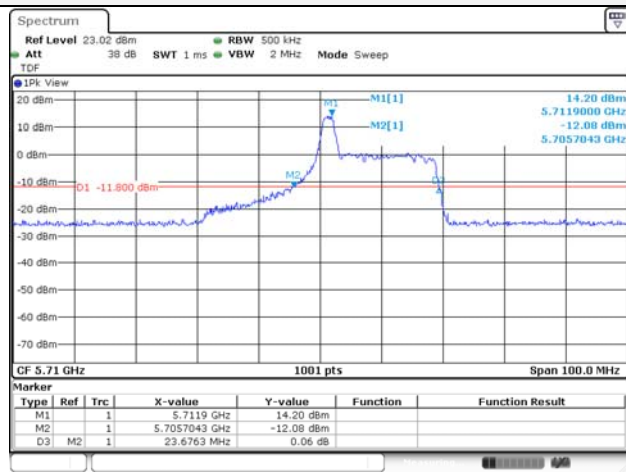
SISO_ANT 1

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

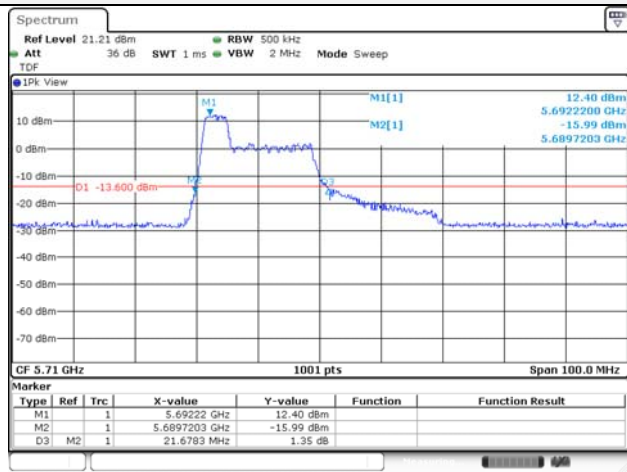


SISO_ANT 2

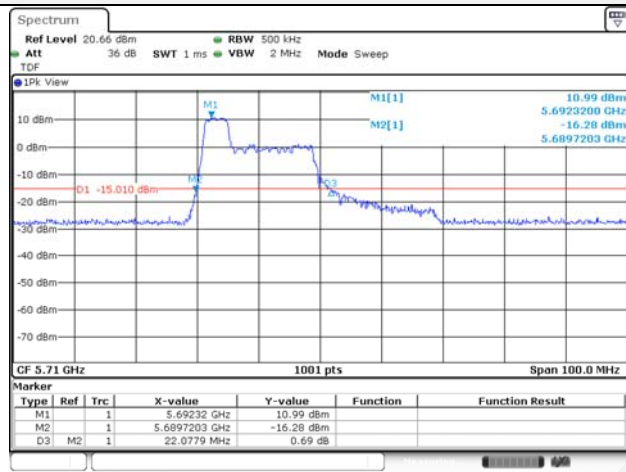
802.11ax_HE40 / 26T / RU offset 9 / Straddle ch.



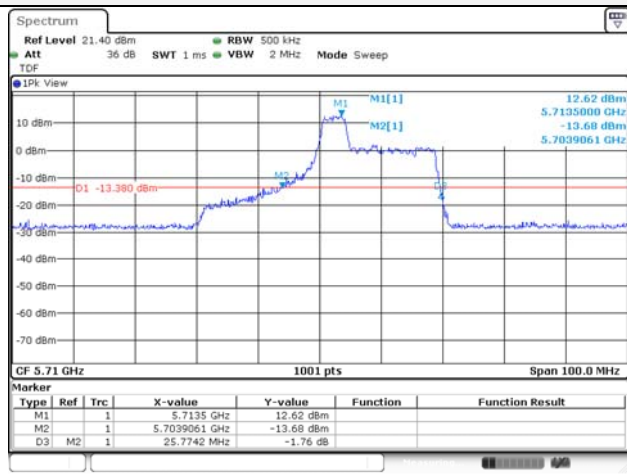
802.11ax_HE40 / 52T / RU offset 37 / Straddle ch.



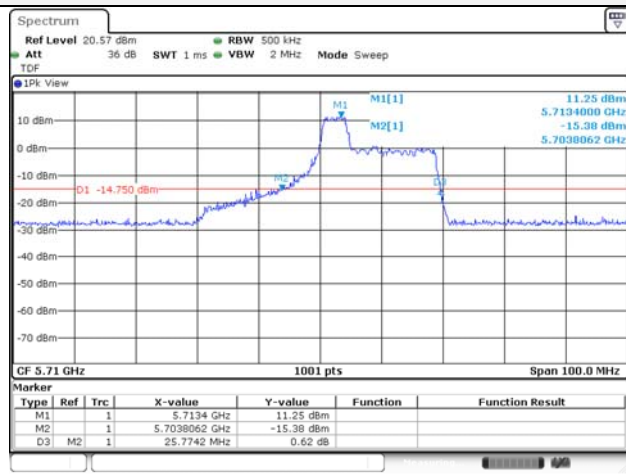
802.11ax_HE40 / 52T / RU offset 37 / Straddle ch.



802.11ax_HE40 / 52T / RU offset 41 / Straddle ch.

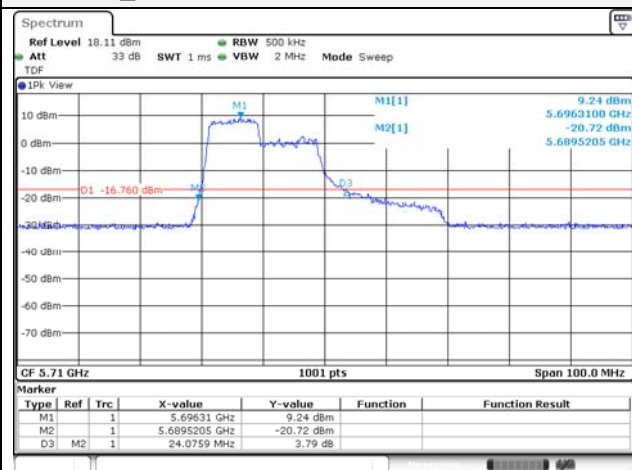


802.11ax_HE40 / 52T / RU offset 41 / Straddle ch.



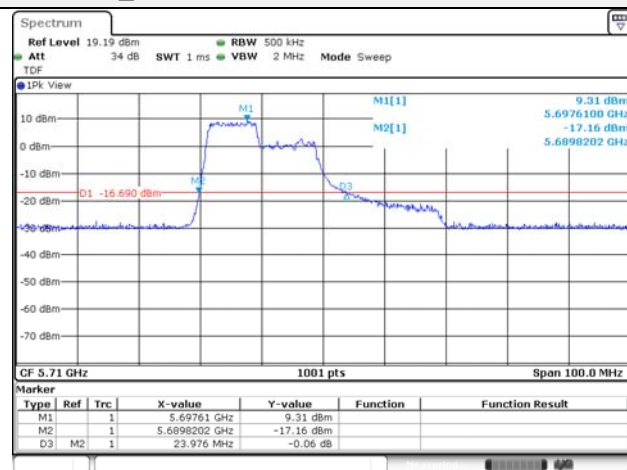
SISO_ANT 1

802.11ax_HE40 / 106T / RU offset 53 / Straddle ch.

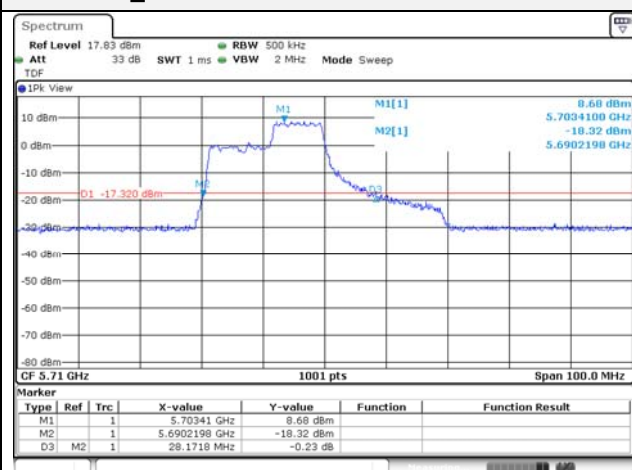


SISO_ANT 2

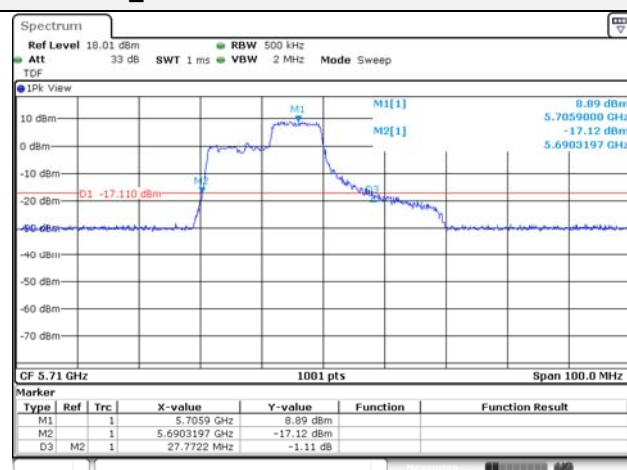
802.11ax_HE40 / 106T / RU offset 53 / Straddle ch.



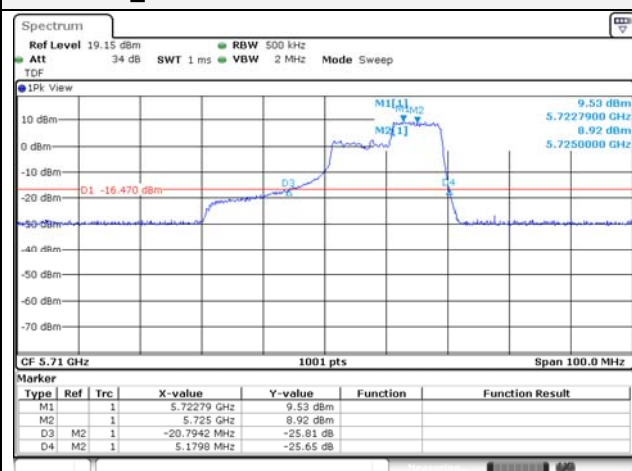
802.11ax_HE40 / 106T / RU offset 54 / Straddle ch.



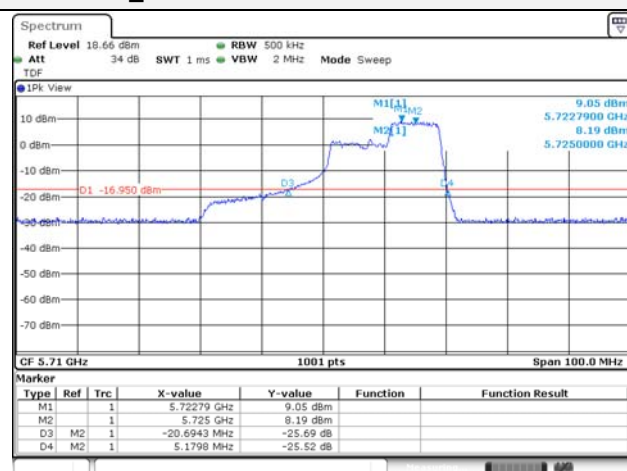
802.11ax_HE40 / 106T / RU offset 54 / Straddle ch.



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

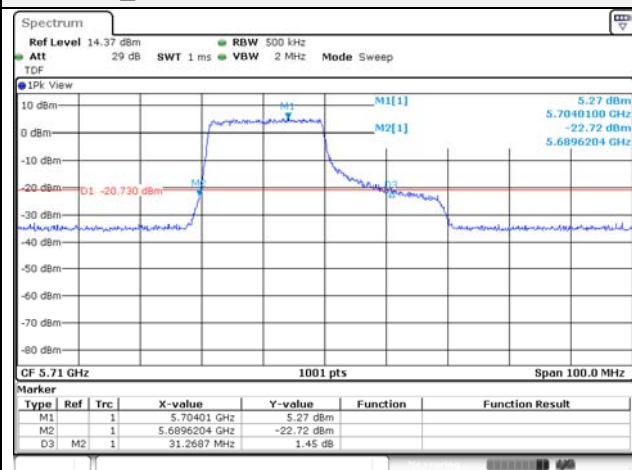


802.11ax_HE40 / 106T / RU offset 56 / Straddle ch.



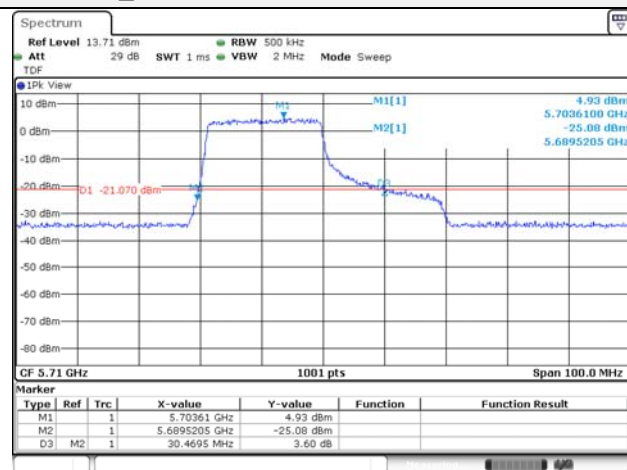
SISO_ANT 1

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

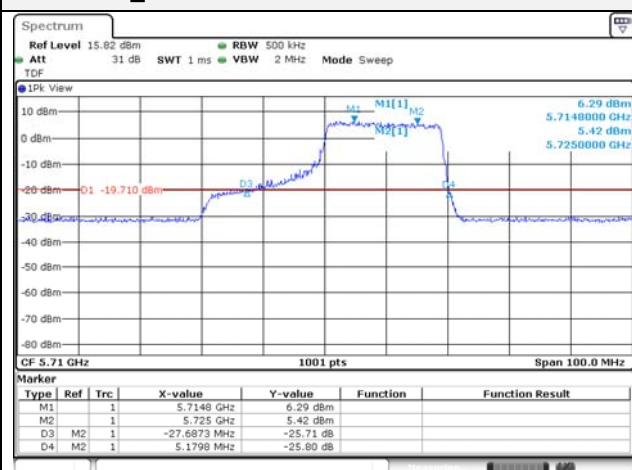


SISO_ANT 2

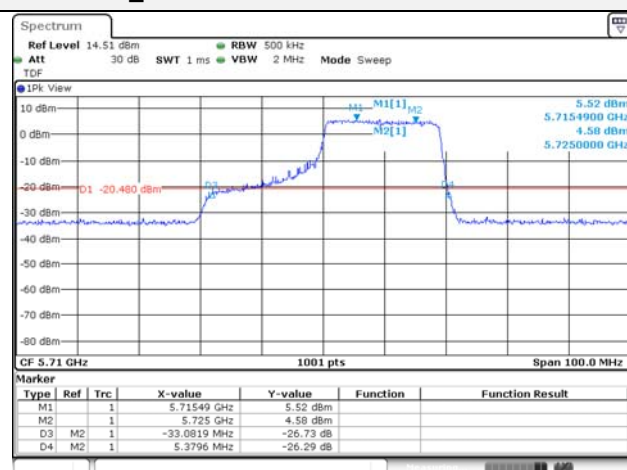
802.11ax_HE40 / 242T / RU offset 61 / Straddle ch.



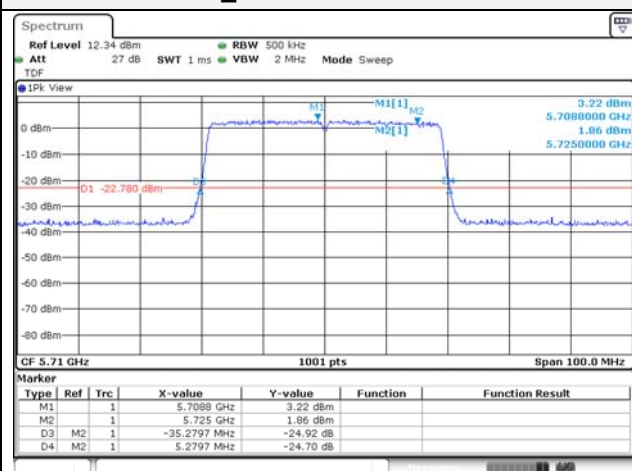
802.11ax_HE40 / 242T / RU offset 62 / Straddle ch.



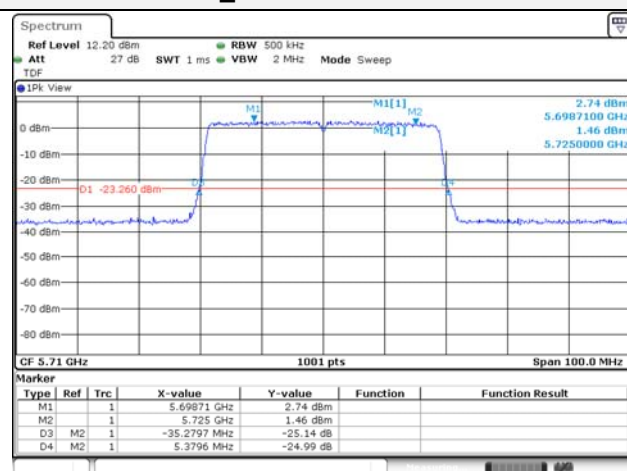
802.11ax_HE40 / 242T / RU offset 62 / Straddle ch.



802.11ax_HE40 / SU / Straddle ch.

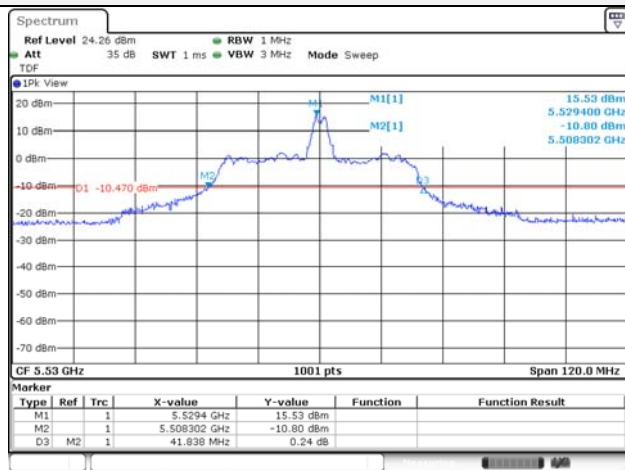


802.11ax_HE40 / SU / Straddle ch.



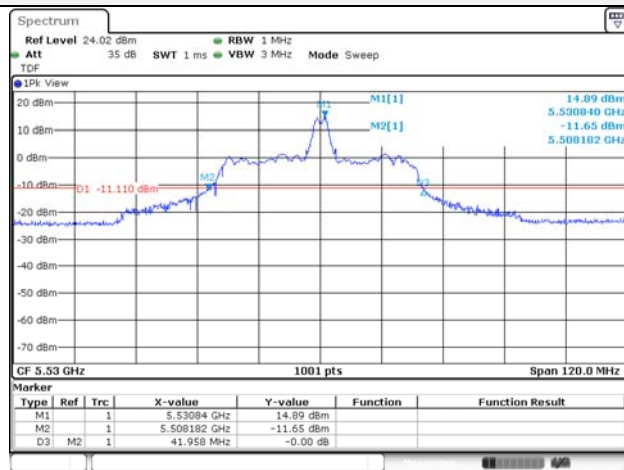
SISO_ANT 1

802.11ax_HE80 / 26T / RU offset 18 / Low ch.

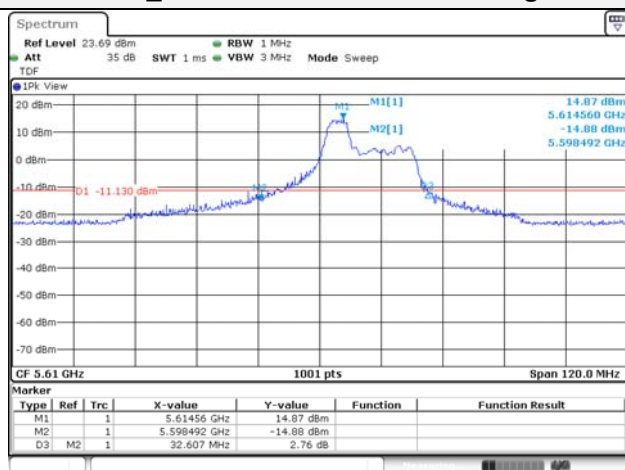


SISO_ANT 2

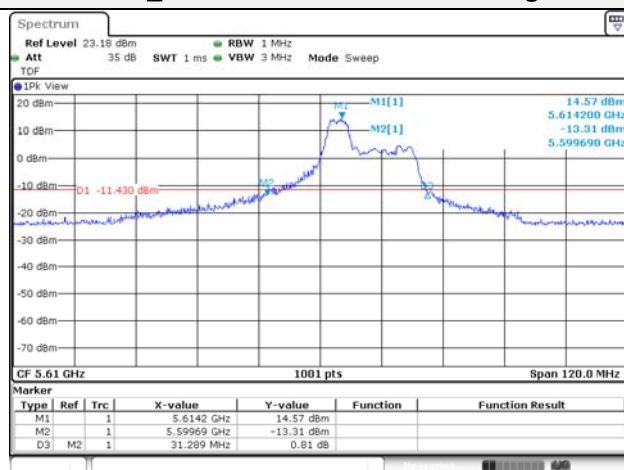
802.11ax_HE80 / 26T / RU offset 18 / Low ch.



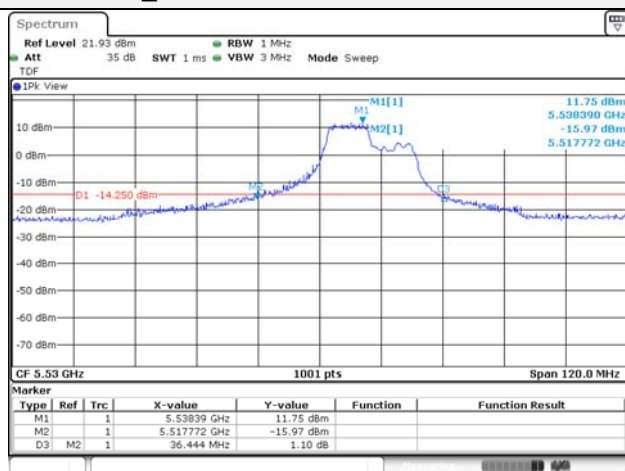
802.11ax_HE80 / 52T / RU offset 45 / High ch.



802.11ax_HE80 / 52T / RU offset 45 / High ch.



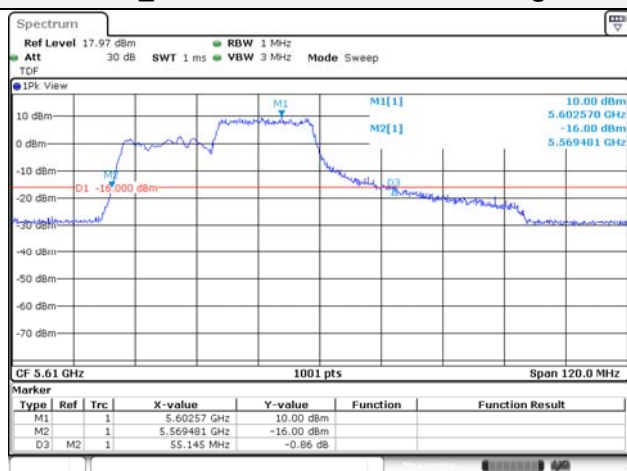
802.11ax_HE80 / 106T / RU offset 57 / Low ch.



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



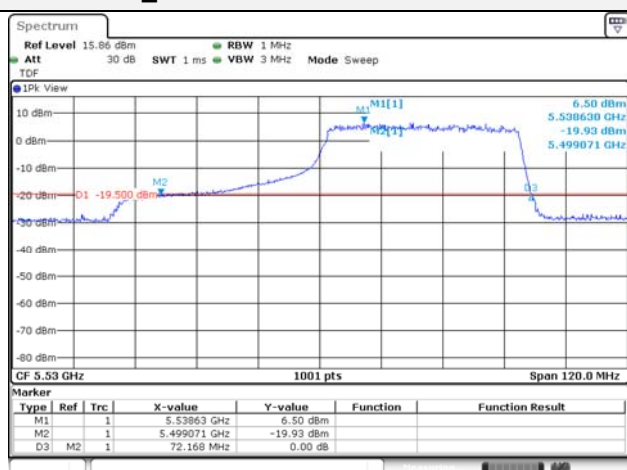
802.11ax_HE80 / 242T / RU offset 62 / High ch.



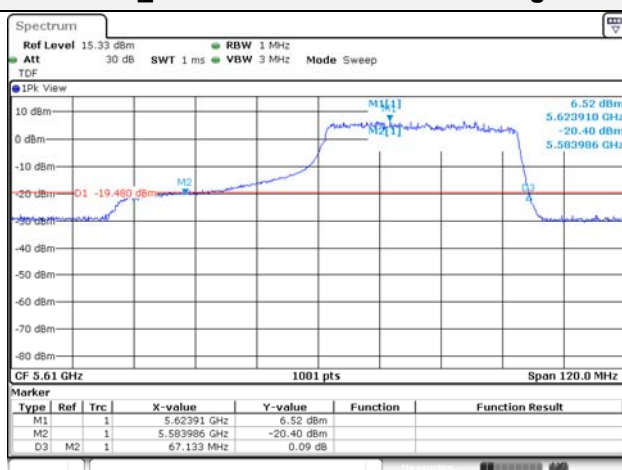
802.11ax_HE80 / 242T / RU offset 62 / High ch.



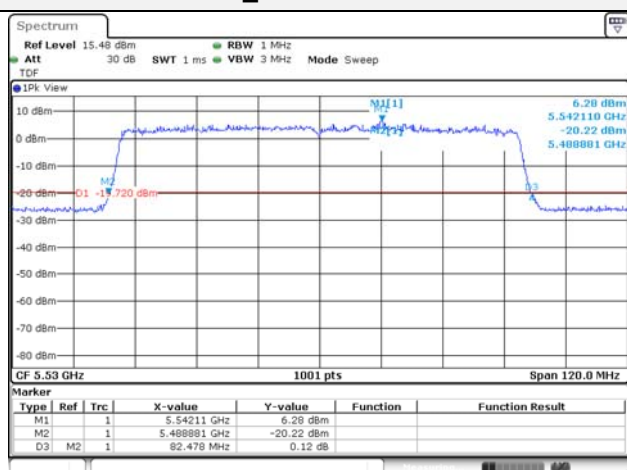
802.11ax_HE80 / 484T / RU offset 66 / Low ch.



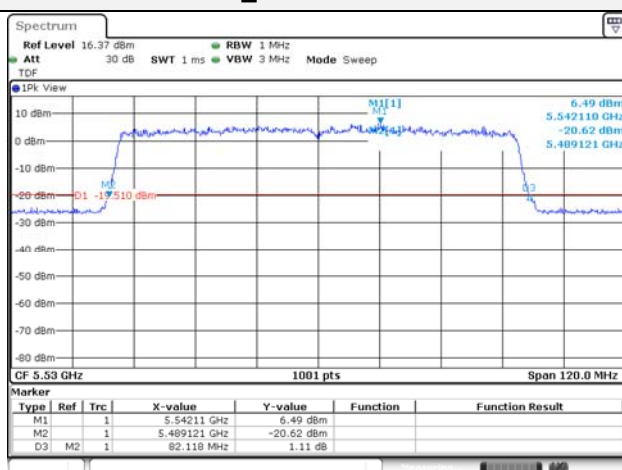
802.11ax_HE80 / 484T / RU offset 65 / High ch.



802.11ax_HE80 / SU / Low ch.

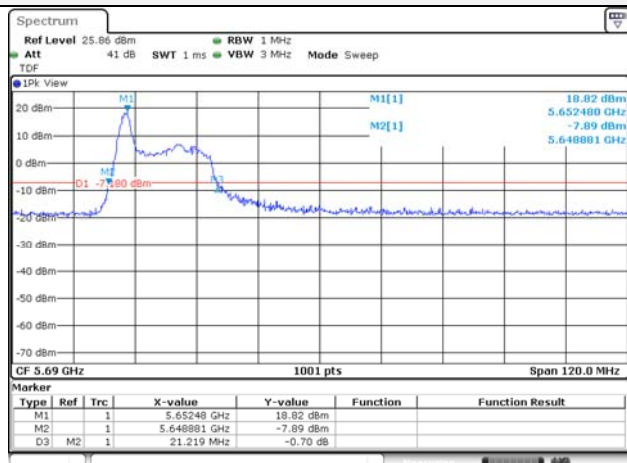


802.11ax_HE80 / SU / Low ch.



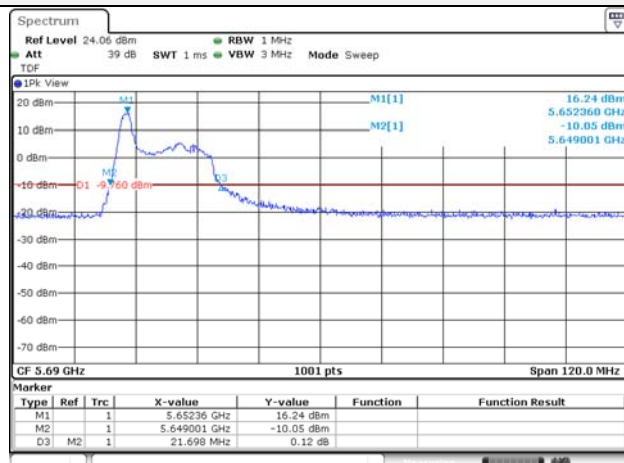
SISO_ANT 1

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

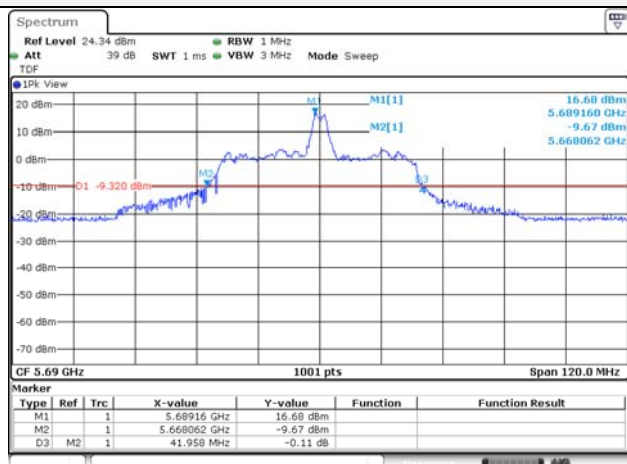


SISO_ANT 2

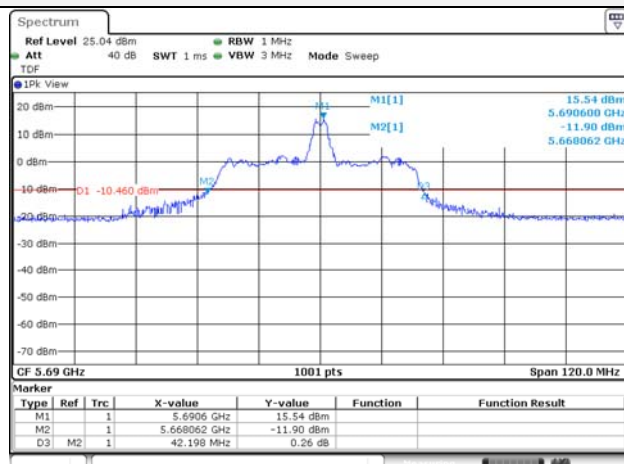
802.11ax_HE80 / 26T / RU offset 0 / Straddle ch.



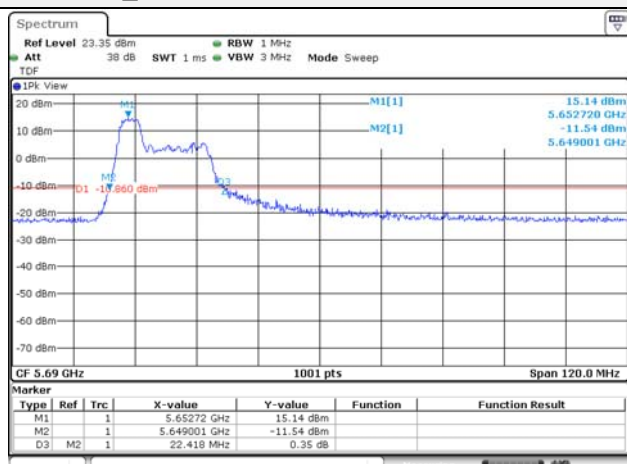
802.11ax_HE80 / 26T / RU offset 18 / Straddle ch.



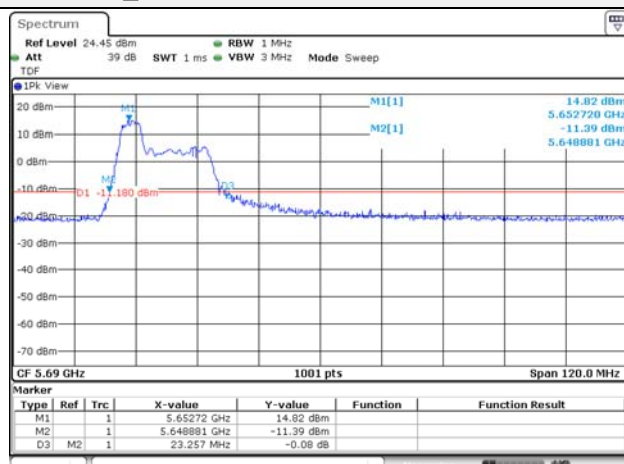
802.11ax_HE80 / 26T / RU offset 18 / Straddle ch.



802.11ax_HE80 / 52T / RU offset 37 / Straddle ch.

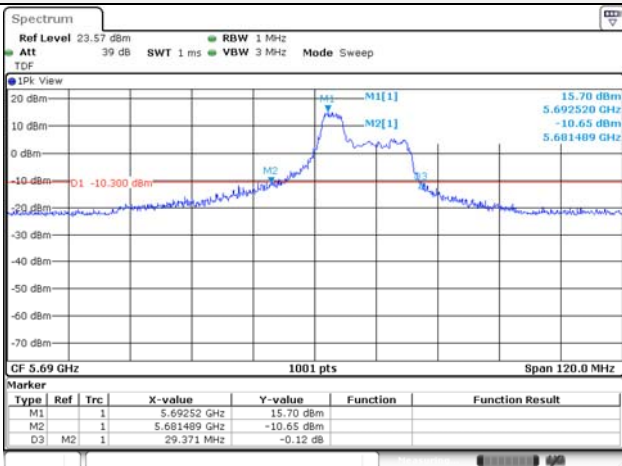


802.11ax_HE80 / 52T / RU offset 37 / Straddle ch.



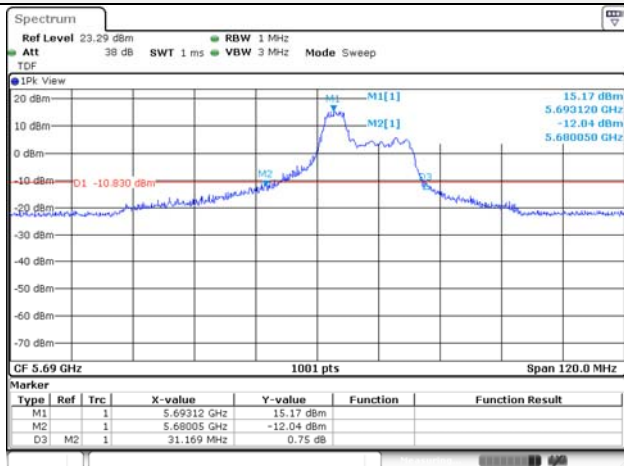
SISO_ANT 1

802.11ax_HE80 / 52T / RU offset 45 / Straddle ch.

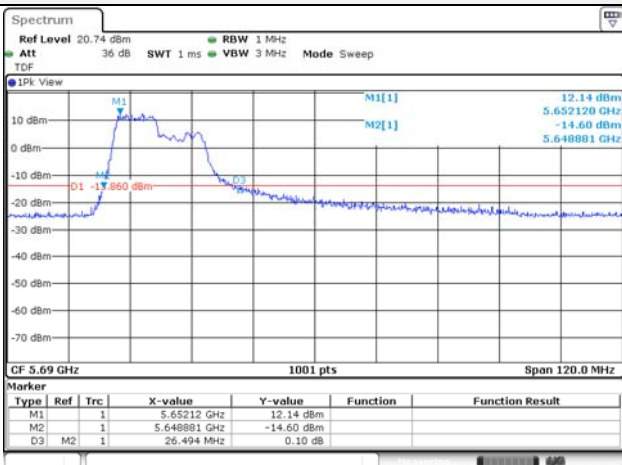


SISO_ANT 2

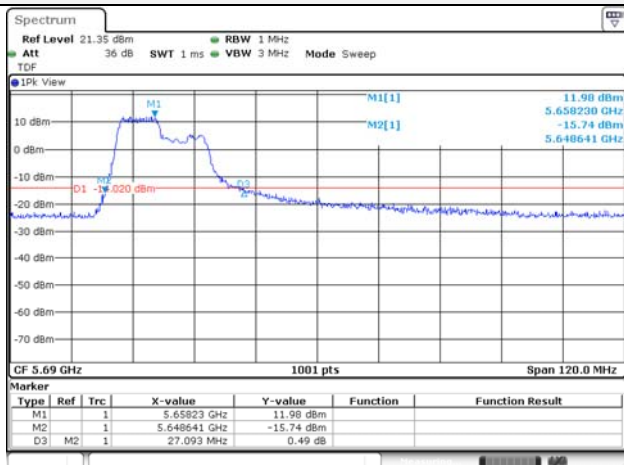
802.11ax_HE80 / 52T / RU offset 45 / Straddle ch.



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



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



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



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



SISO_ANT 1

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

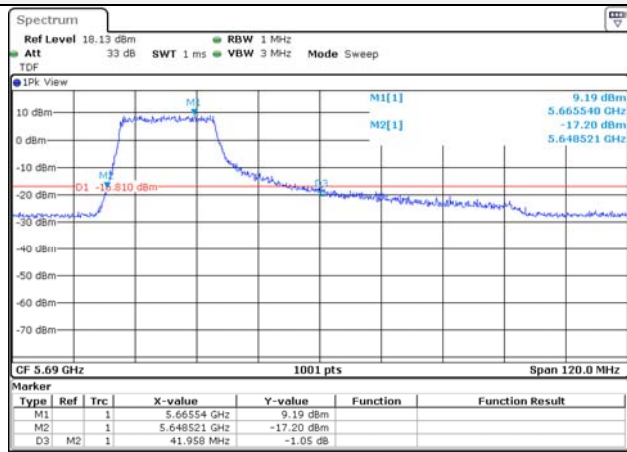


SISO_ANT 2

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



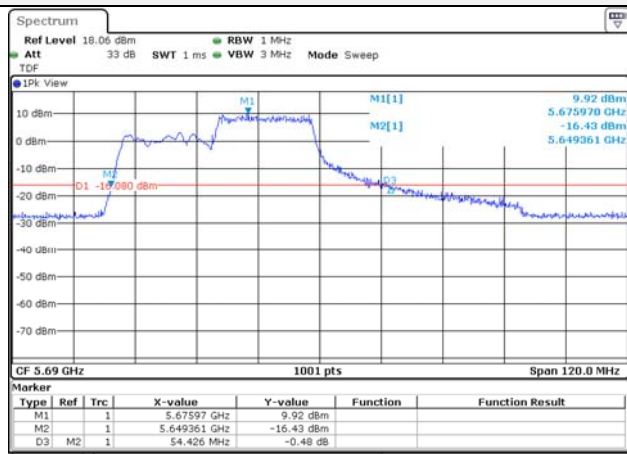
802.11ax_HE80 / 242T / RU offset 61 / Straddle ch.



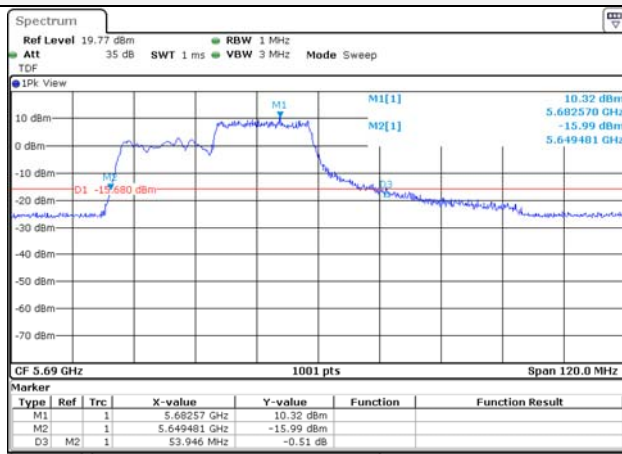
802.11ax_HE80 / 242T / RU offset 61 / Straddle ch.



802.11ax_HE80 / 242T / RU offset 62 / Straddle ch.



802.11ax_HE80 / 242T / RU offset 62 / Straddle ch.



SISO_ANT 1

802.11ax_HE80 / 242T / RU offset 64 / Straddle ch.

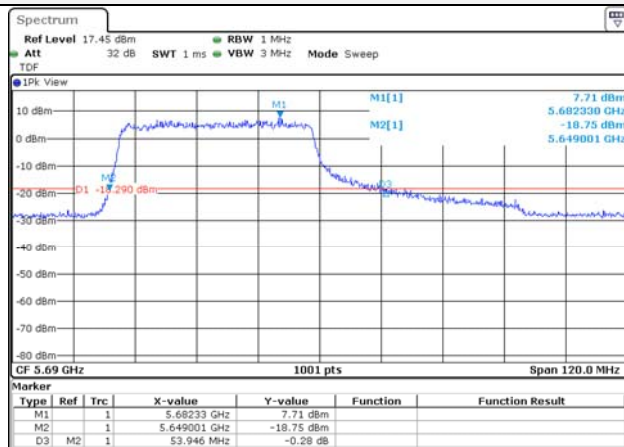


SISO_ANT 2

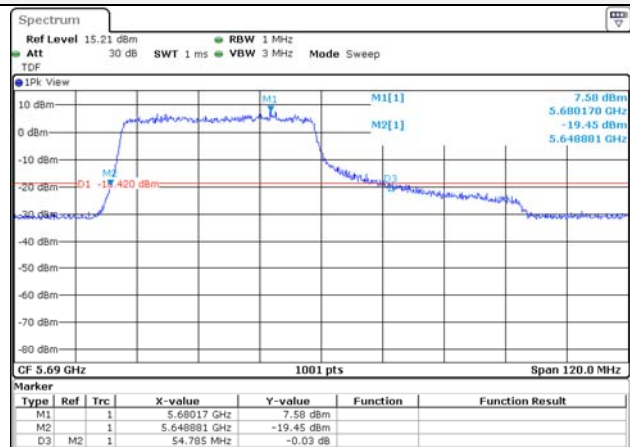
802.11ax_HE80 / 242T / RU offset 64 / Straddle ch.



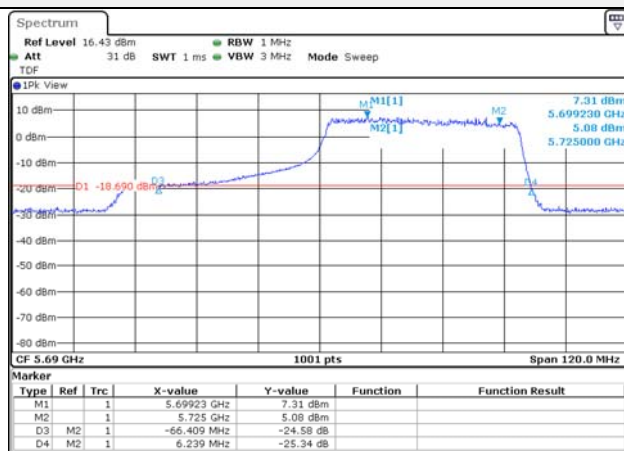
802.11ax_HE80 / 484T / RU offset 65 / Straddle ch.



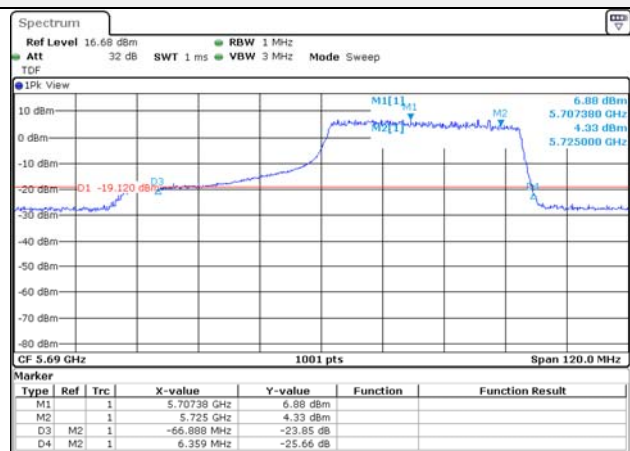
802.11ax_HE80 / 484T / RU offset 65 / Straddle ch.

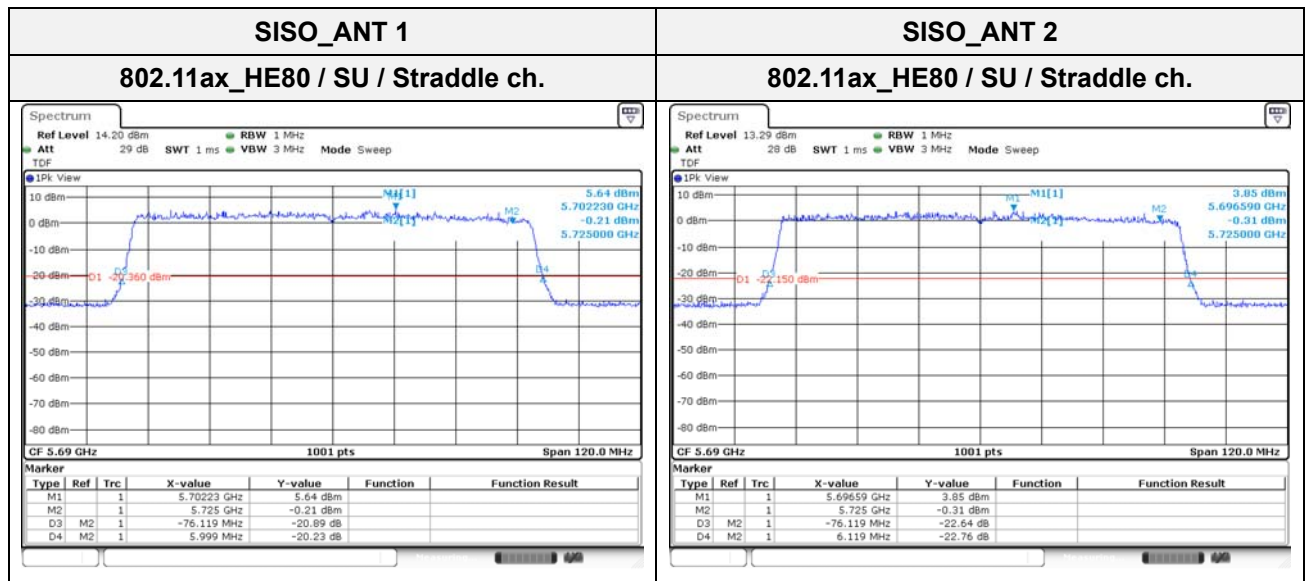


802.11ax_HE80 / 484T / RU offset 66 / Straddle ch.

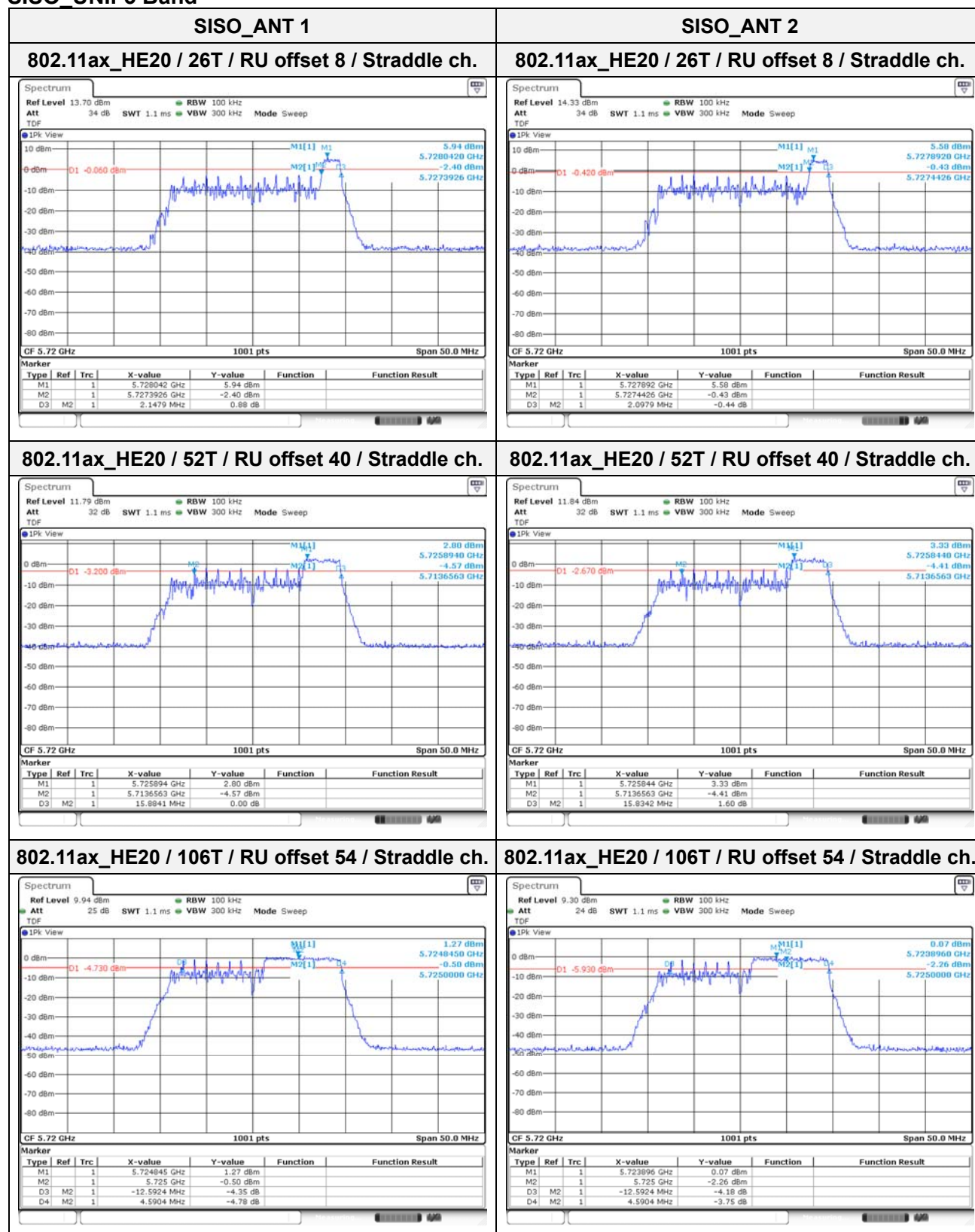


802.11ax_HE80 / 484T / RU offset 66 / Straddle ch.



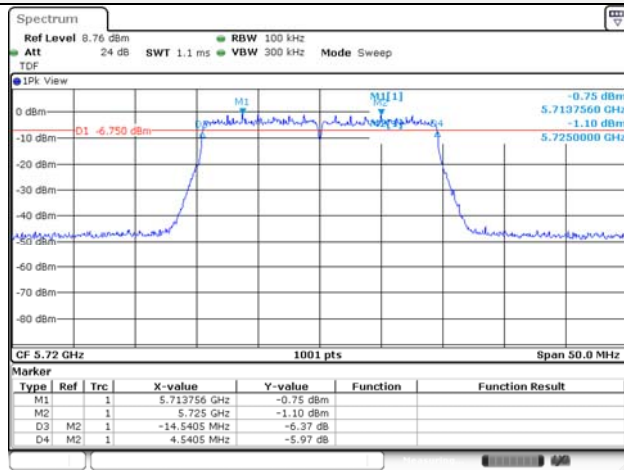


6 dB bandwidth SISO_UNII-3 Band



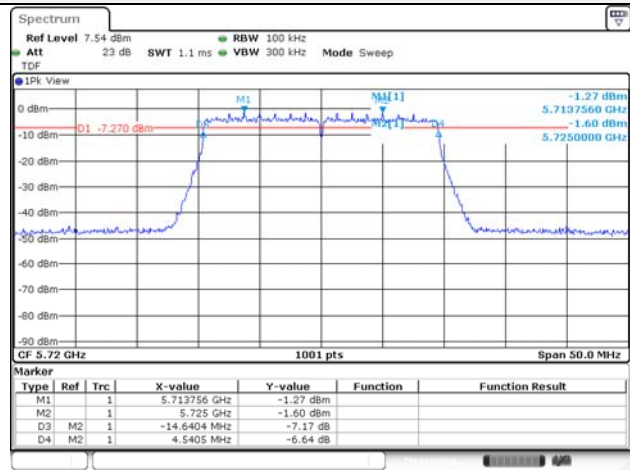
SISO_ANT 1

802.11ax_HE20 / SU / Straddle ch.

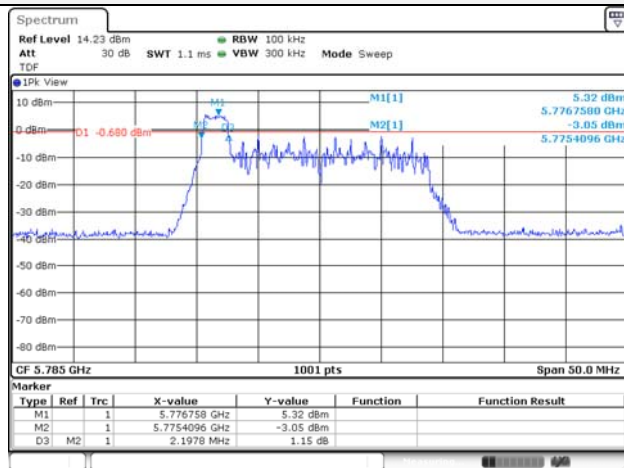


SISO_ANT 2

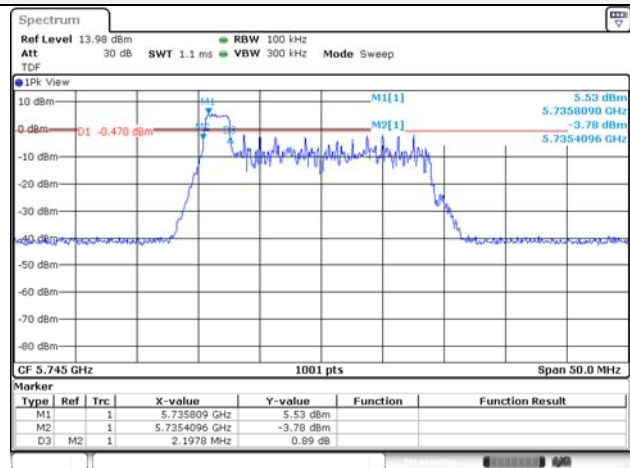
802.11ax_HE20 / SU / Straddle ch.



802.11ax_HE20 / 26T / RU offset 0 / Mid ch.

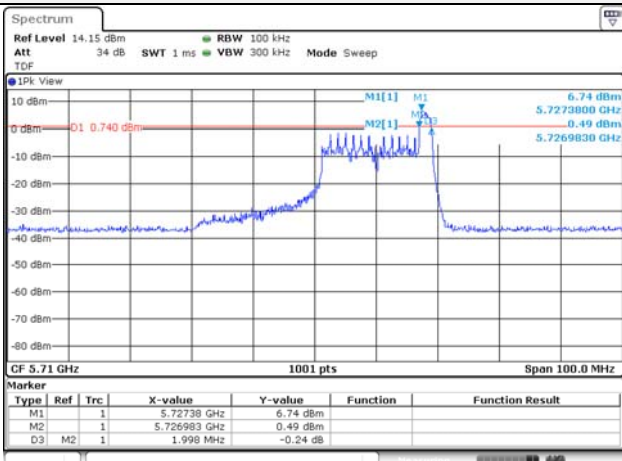


802.11ax_HE20 / 26T / RU offset 0 / Low ch.



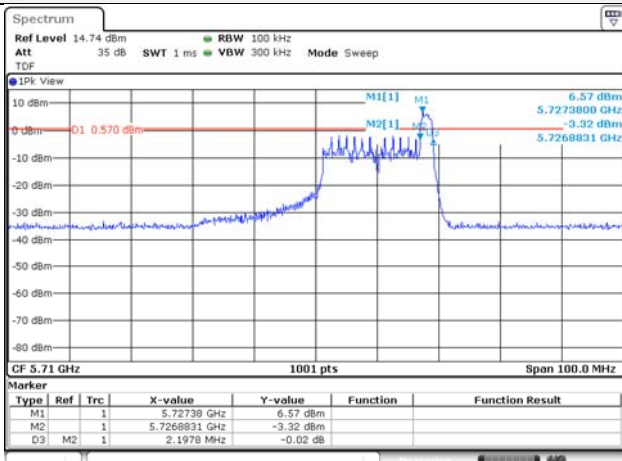
SISO_ANT 1

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

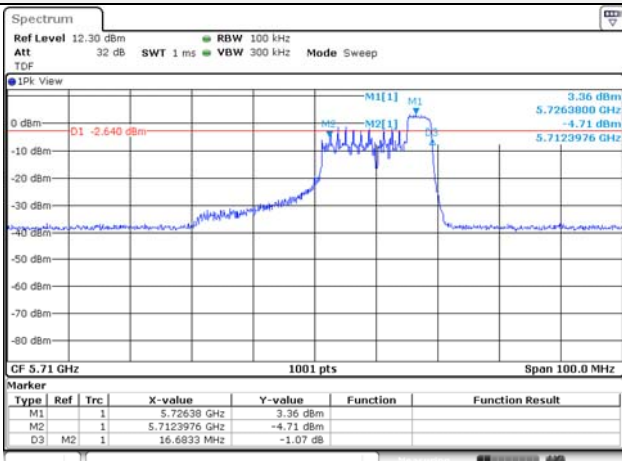


SISO_ANT 2

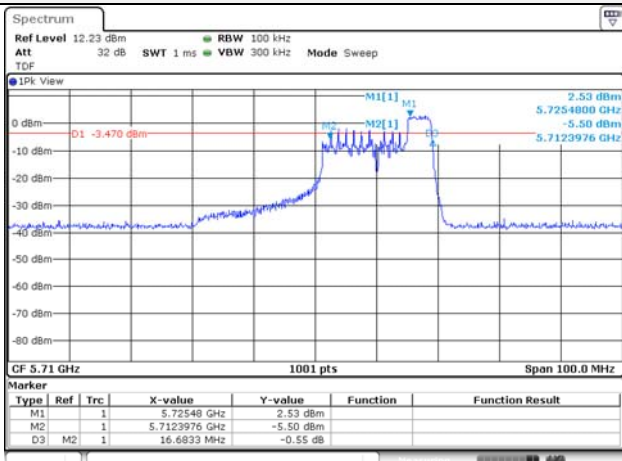
802.11ax_HE40 / 26T / RU offset 17 / Straddle ch.



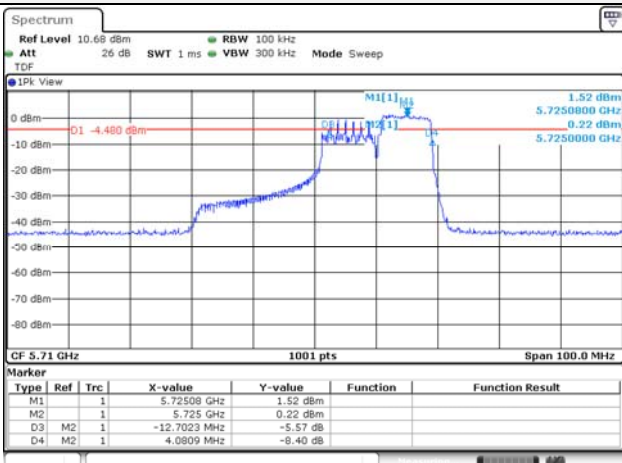
802.11ax_HE40 / 52T / RU offset 44 / Straddle ch.



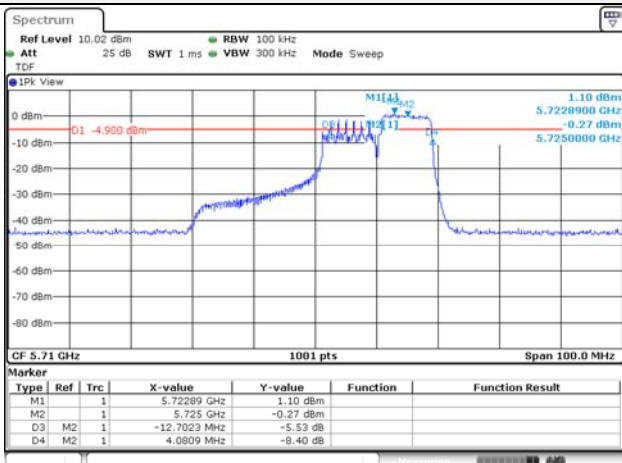
802.11ax_HE40 / 52T / RU offset 44 / Straddle ch.



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

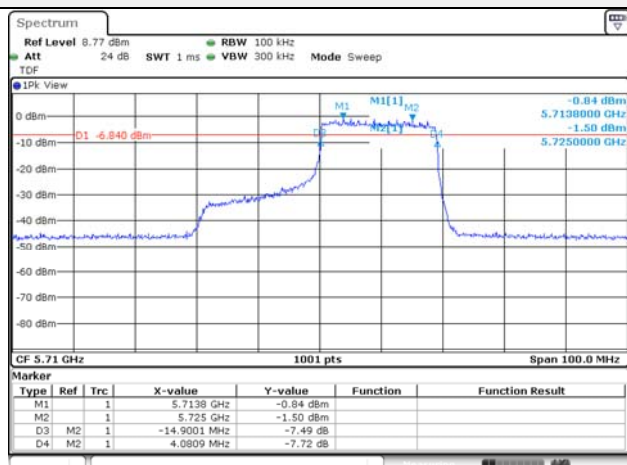


802.11ax_HE40 / 106T / RU offset 56 / Straddle ch.



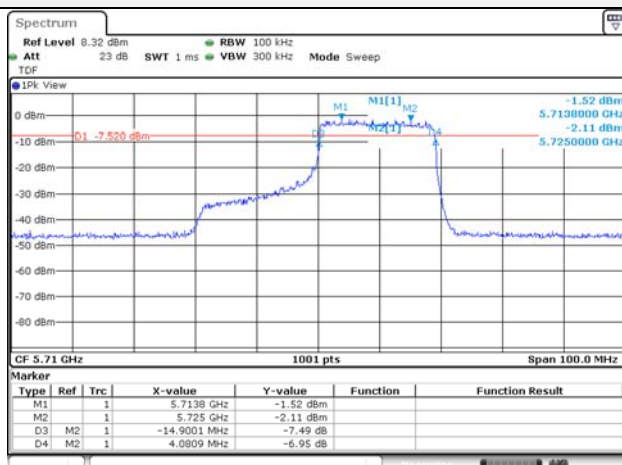
SISO_ANT 1

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

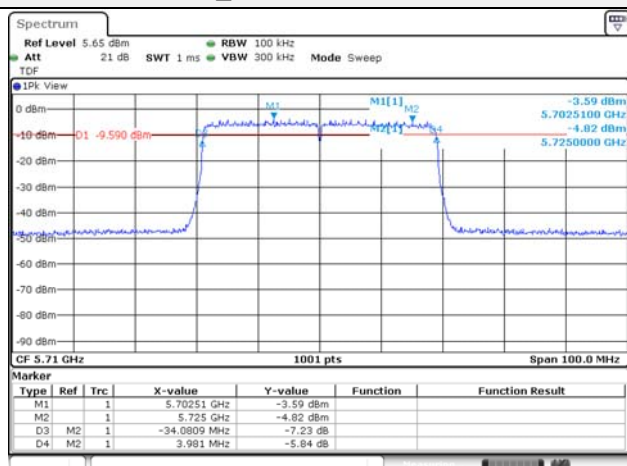


SISO_ANT 2

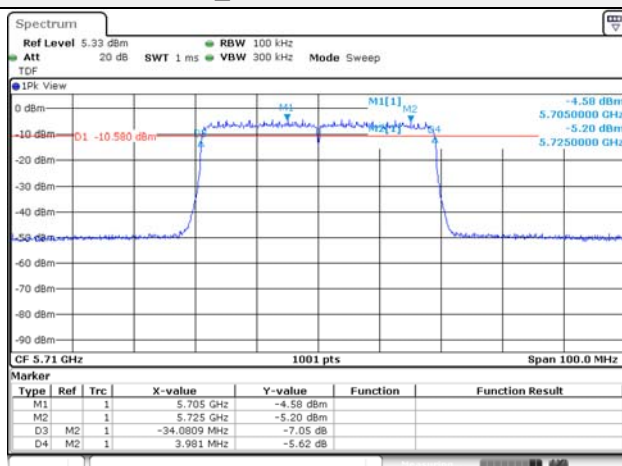
802.11ax_HE40 / 242T / RU offset 62 / Straddle ch.



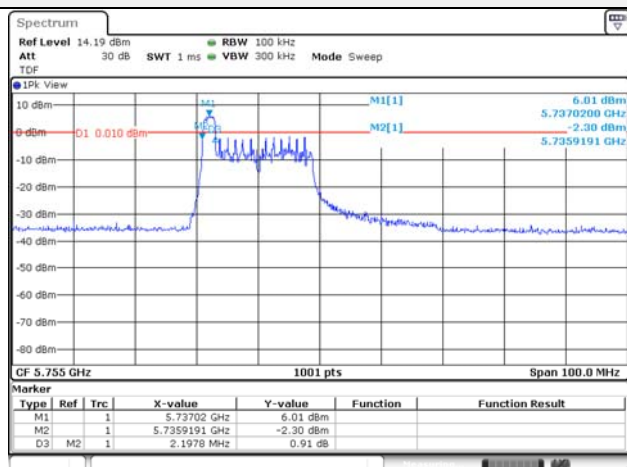
802.11ax_HE40 / SU / Straddle ch.



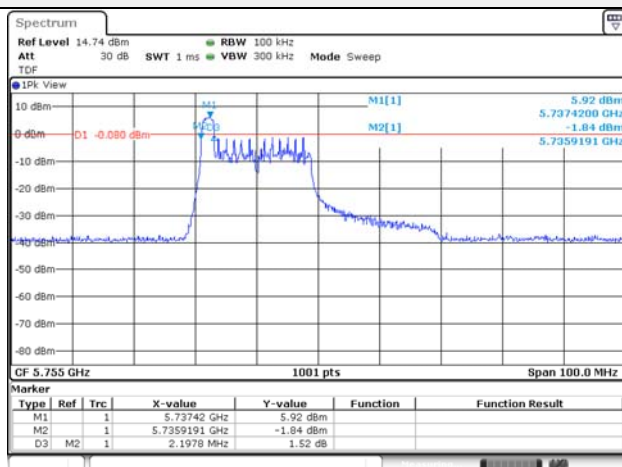
802.11ax_HE40 / SU / Straddle ch.



802.11ax_HE40 / 26T / RU offset 0 / Low ch.

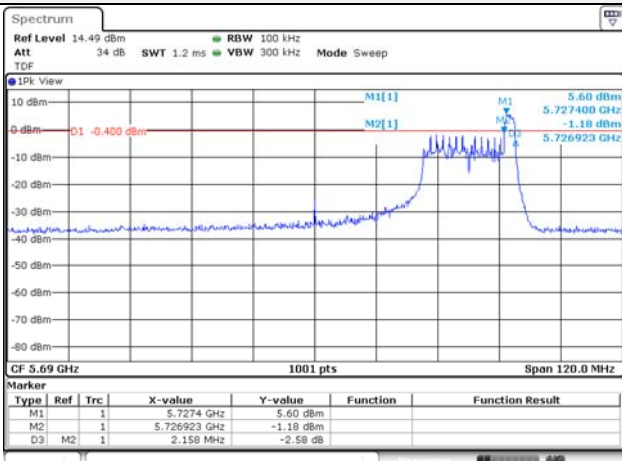


802.11ax_HE40 / 26T / RU offset 0 / Low ch.



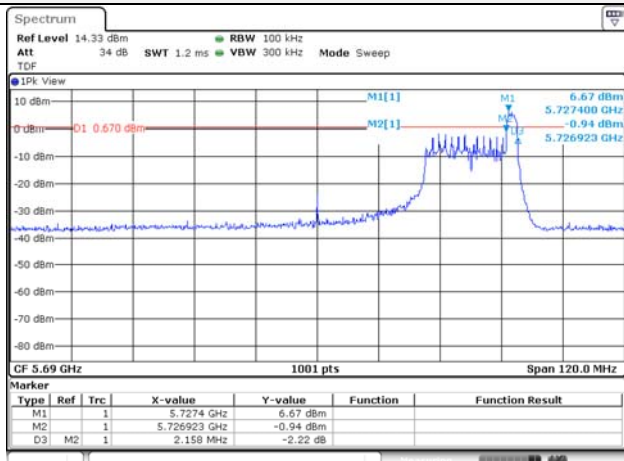
SISO_ANT 1

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

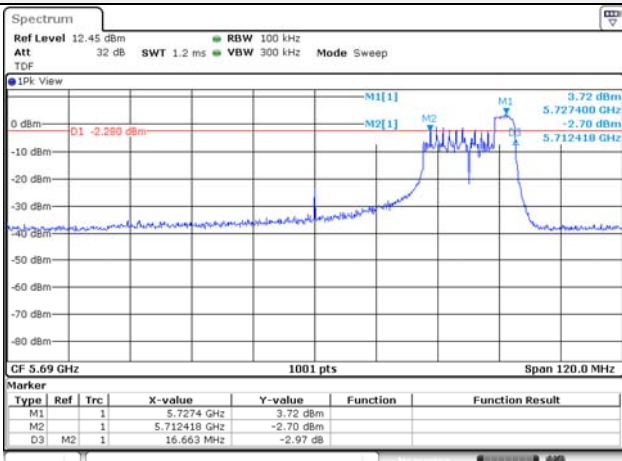


SISO_ANT 2

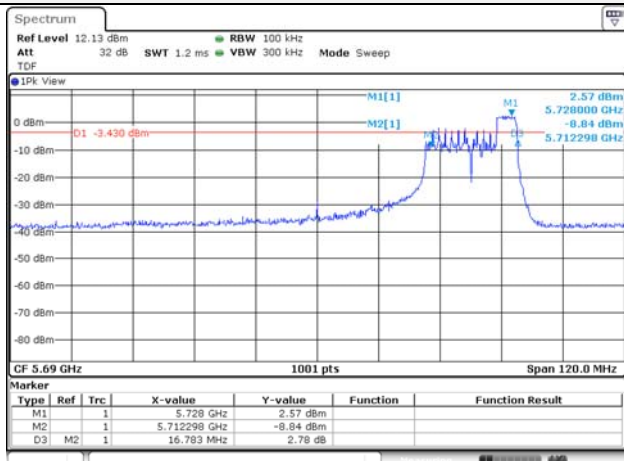
802.11ax_HE80 / 26T / RU offset 36 / Straddle ch.



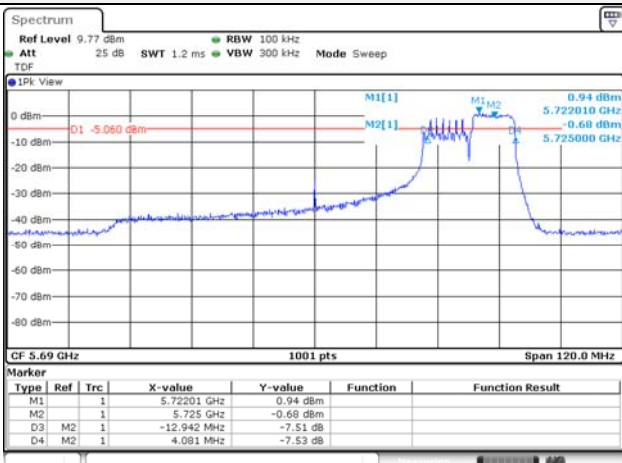
802.11ax_HE80 / 52T / RU offset 52 / Straddle ch.



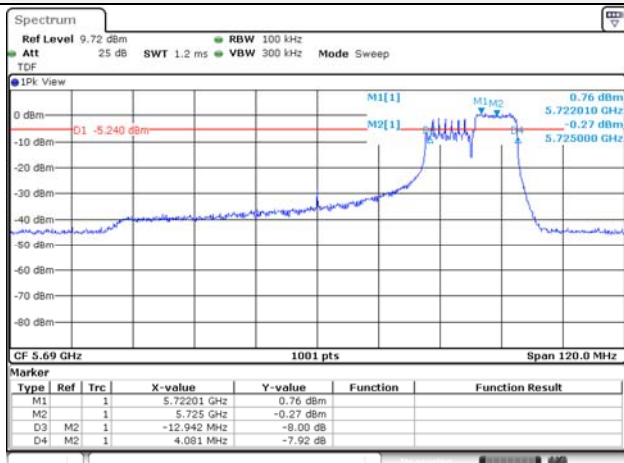
802.11ax_HE80 / 52T / RU offset 52 / Straddle ch.



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

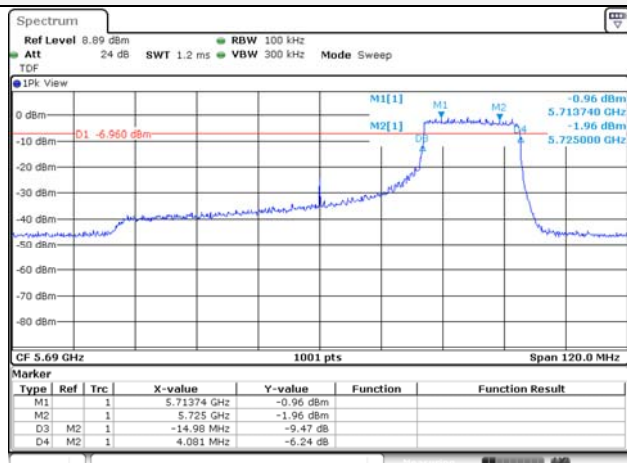


802.11ax_HE80 / 106T / RU offset 60 / Straddle ch.



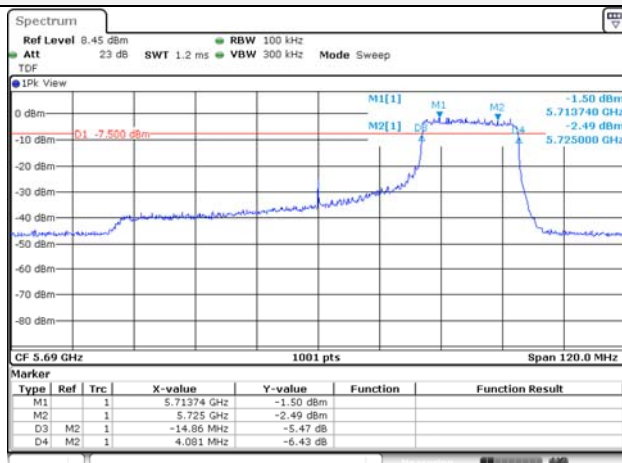
SISO_ANT 1

802.11ax_HE80 / 242T / RU offset 64 / Straddle ch.

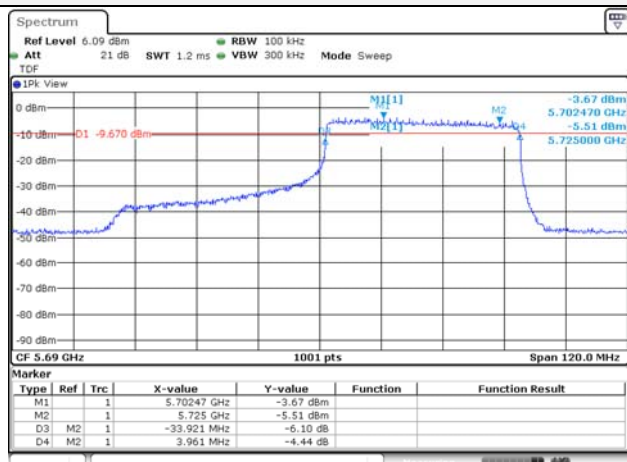


SISO_ANT 2

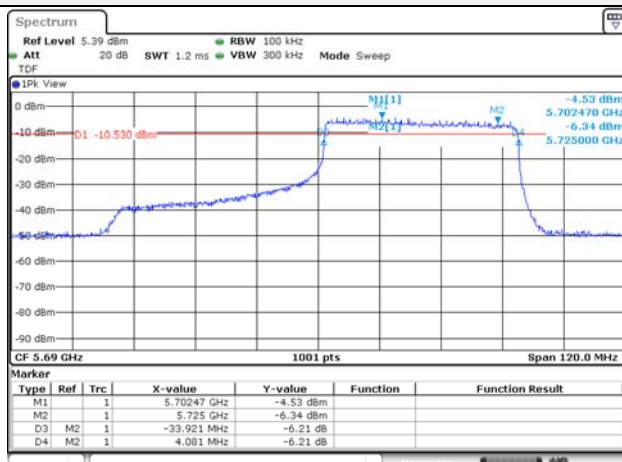
802.11ax_HE80 / 242T / RU offset 64 / Straddle ch.



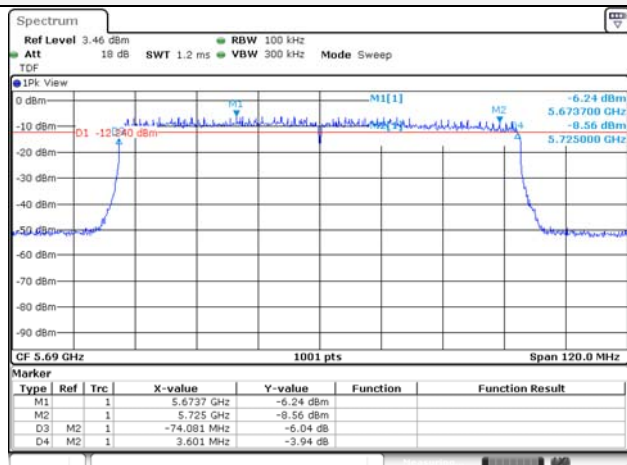
802.11ax_HE80 / 484T / RU offset 66 / Straddle ch.



802.11ax_HE80 / 484T / RU offset 66 / Straddle ch.



802.11ax_HE80 / SU / Straddle ch.



802.11ax_HE80 / SU / Straddle ch.

