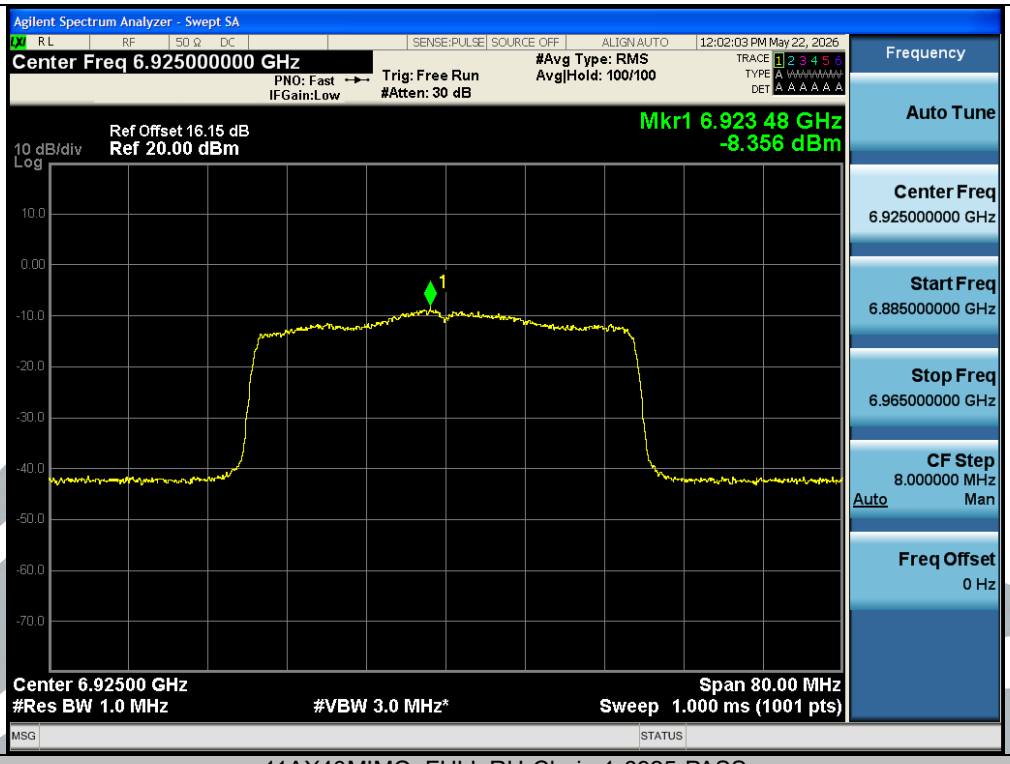
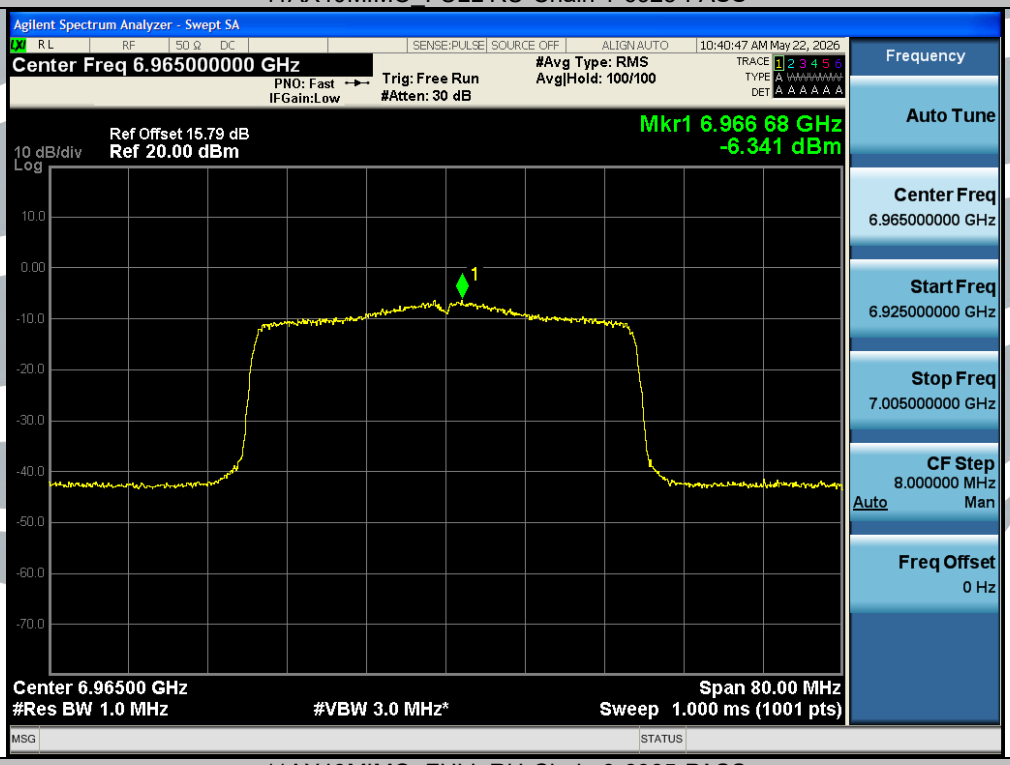
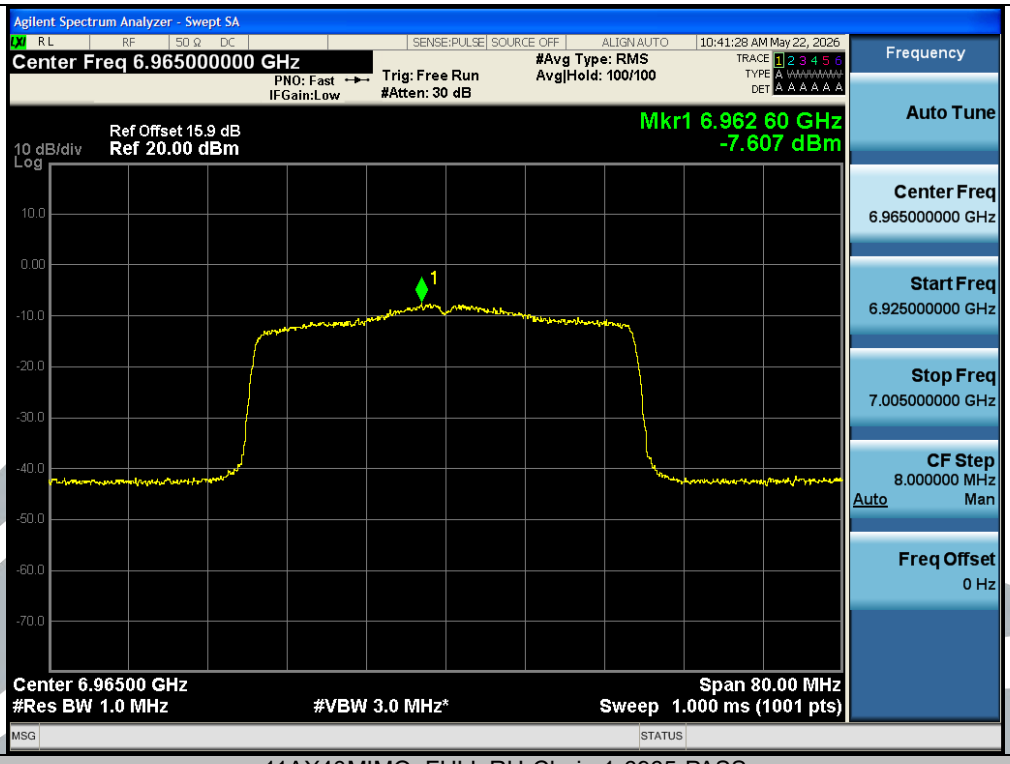


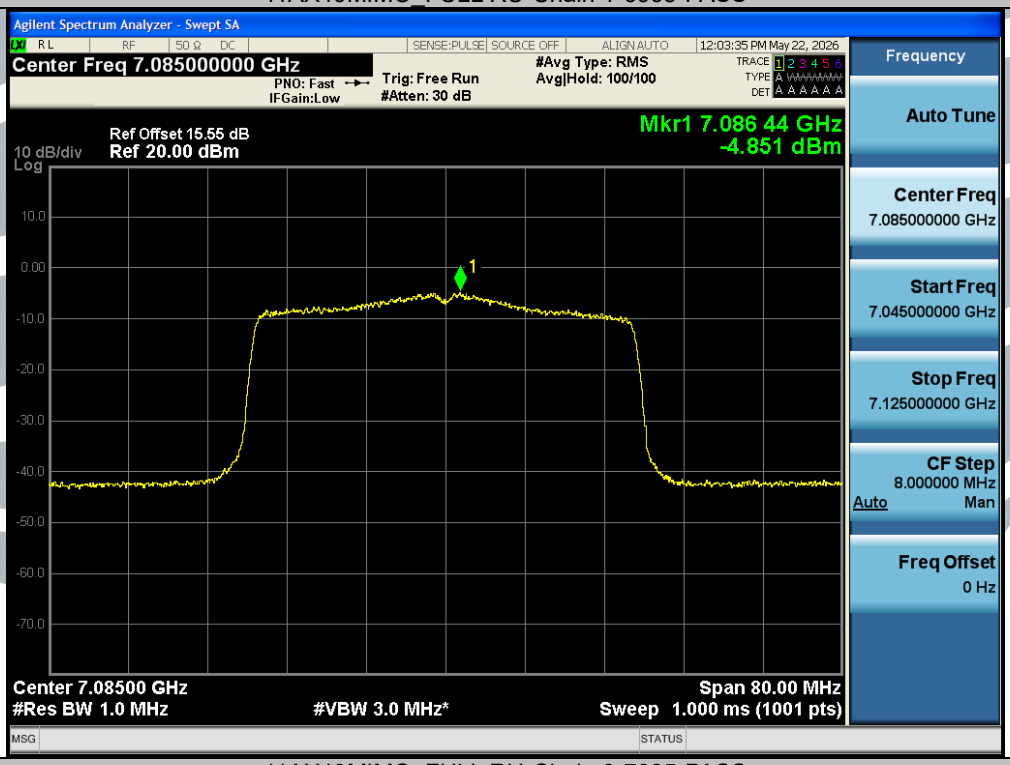
11AX40MIMO_FULL RU-Chain 1-6925-PASS



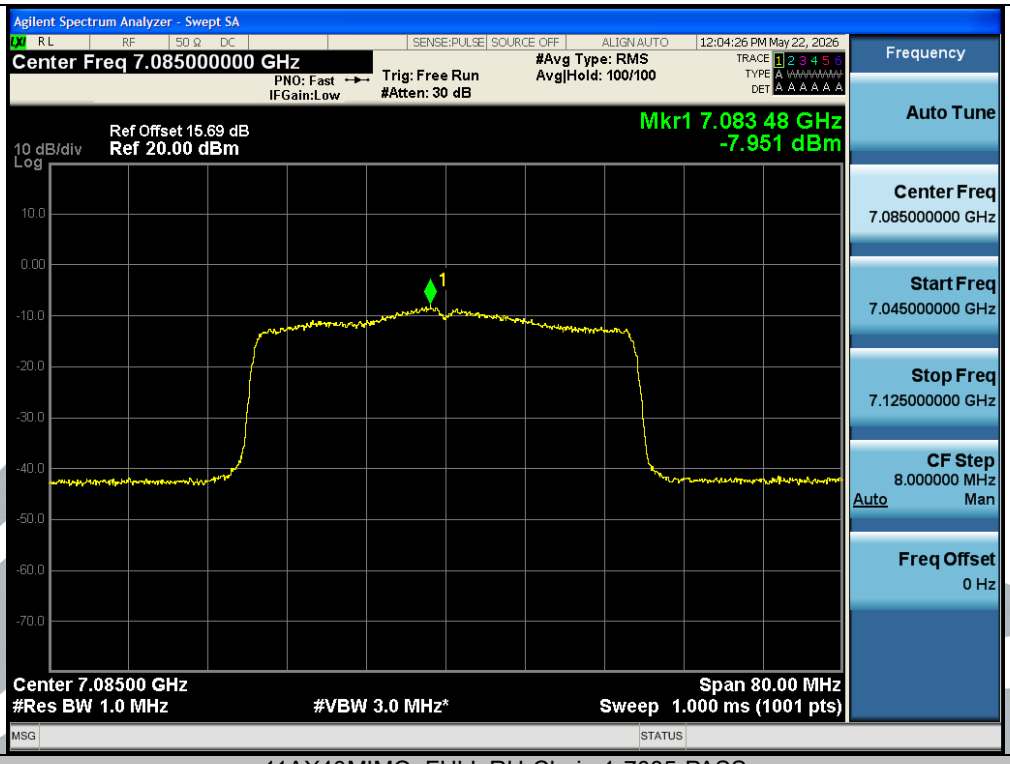
11AX40MIMO_FULL RU-Chain 0-6965-PASS



11AX40MIMO_FULL RU-Chain 1-6965-PASS



11AX40MIMO_FULL RU-Chain 0-7085-PASS



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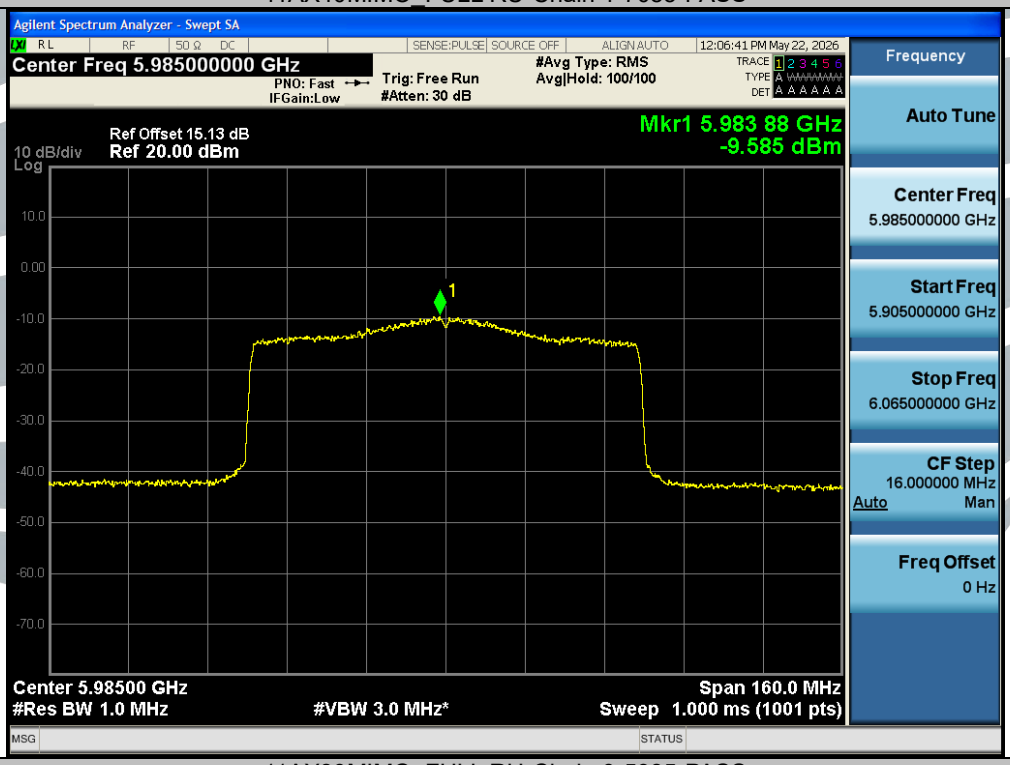

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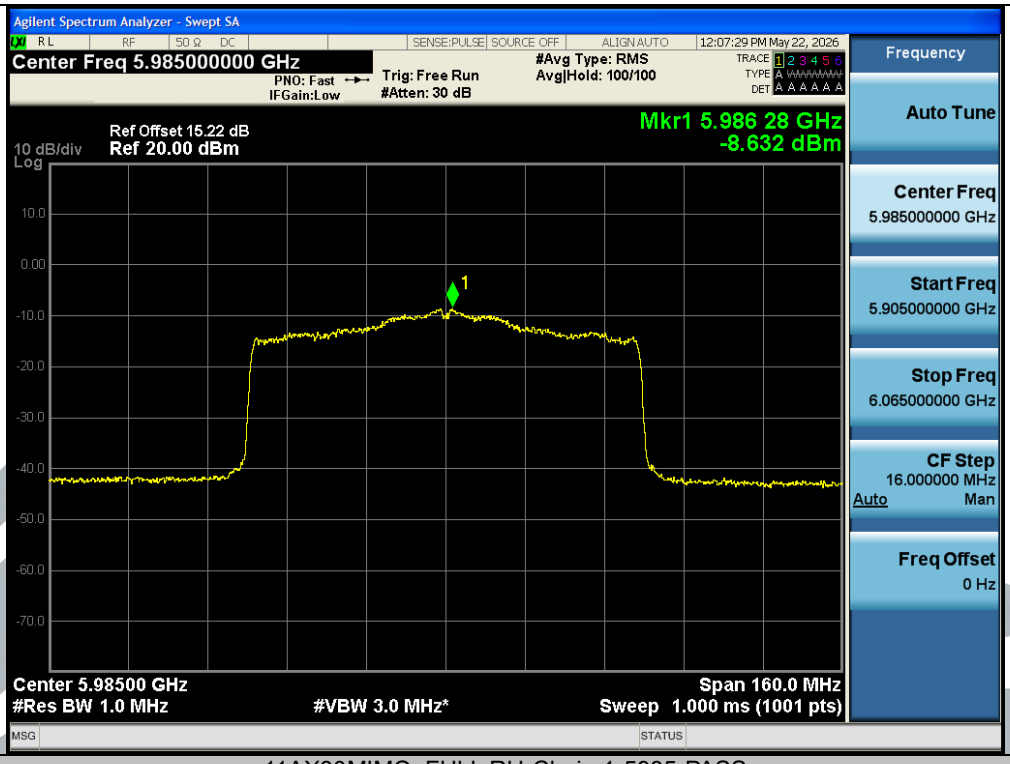

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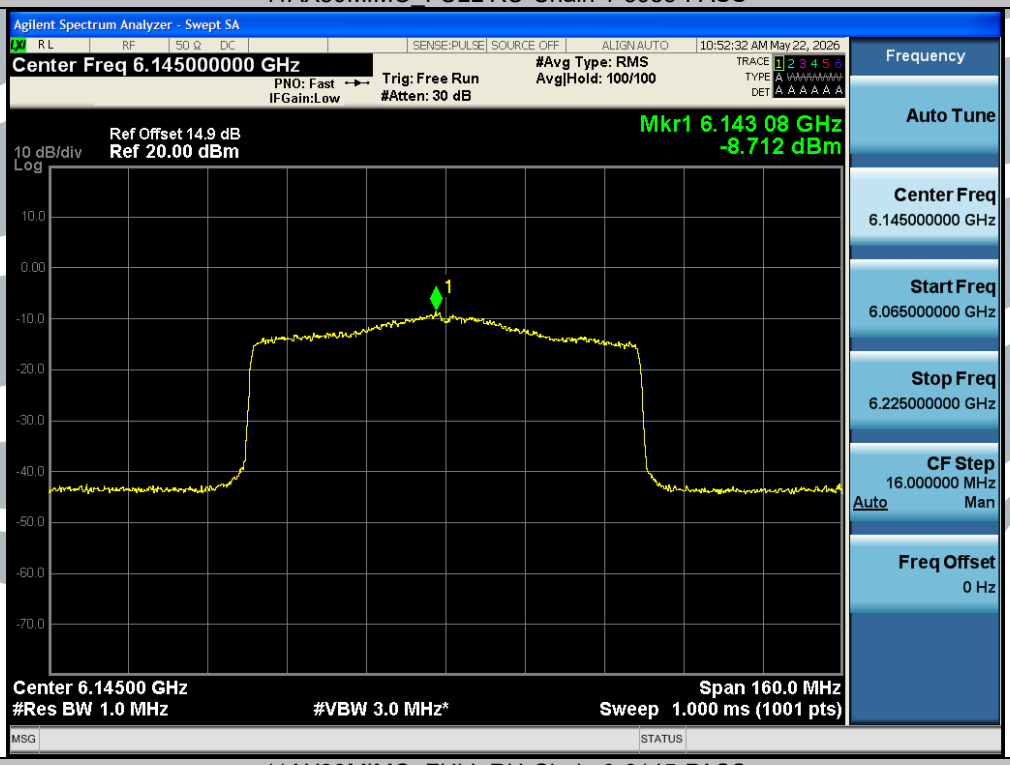

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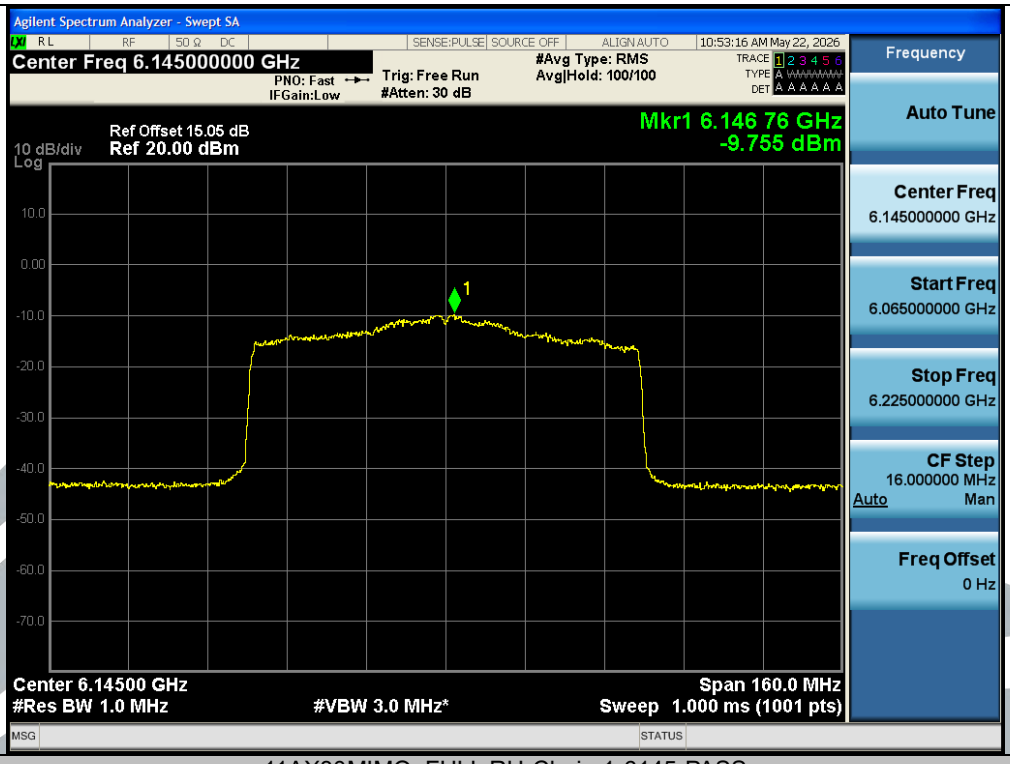

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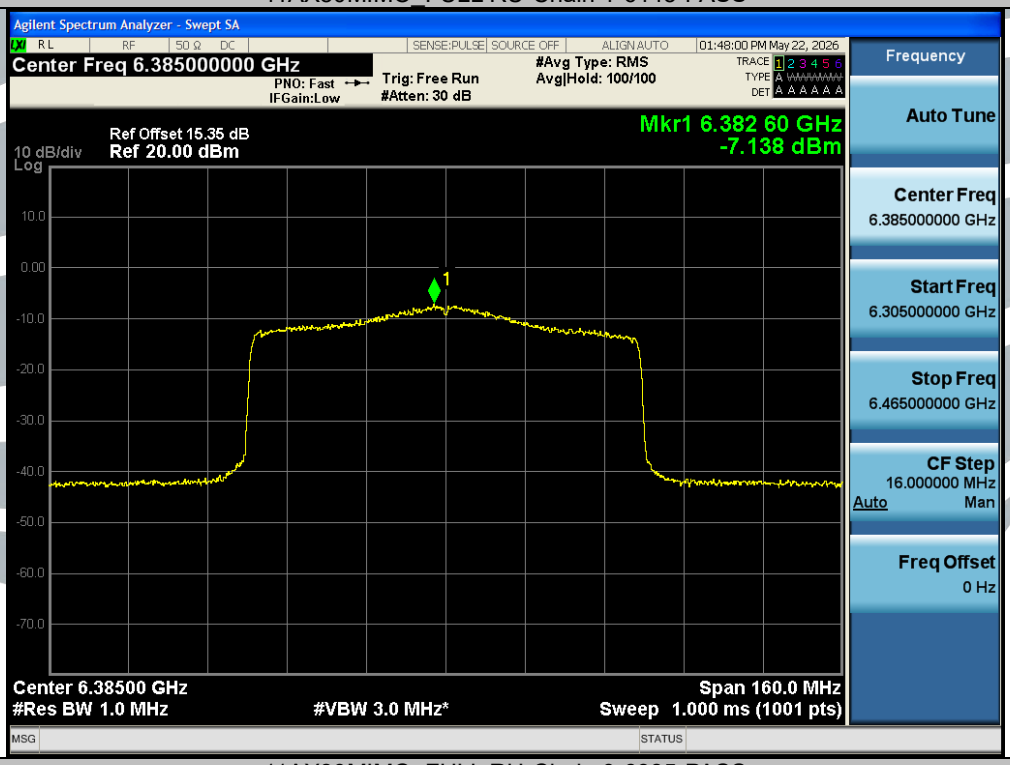

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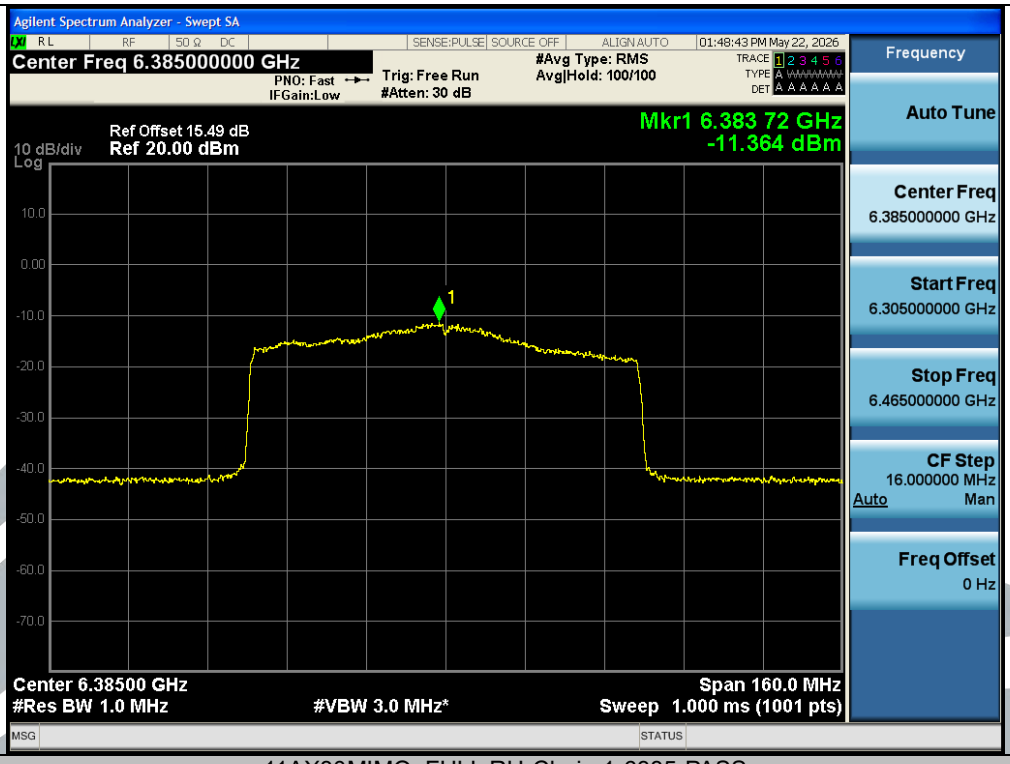
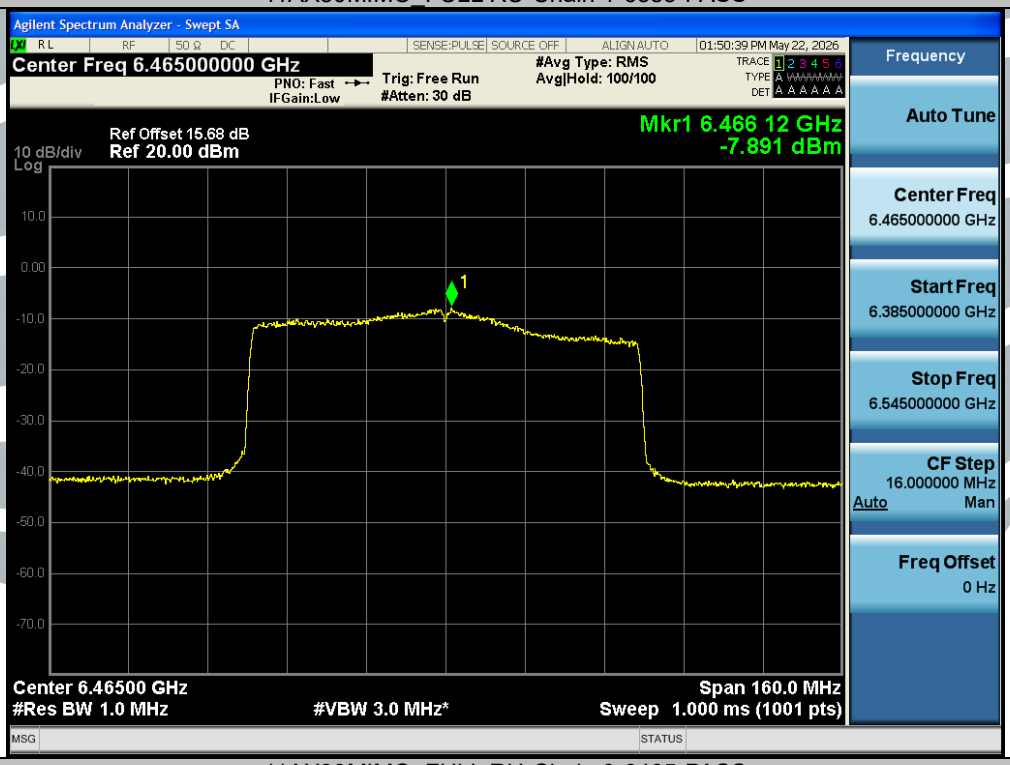
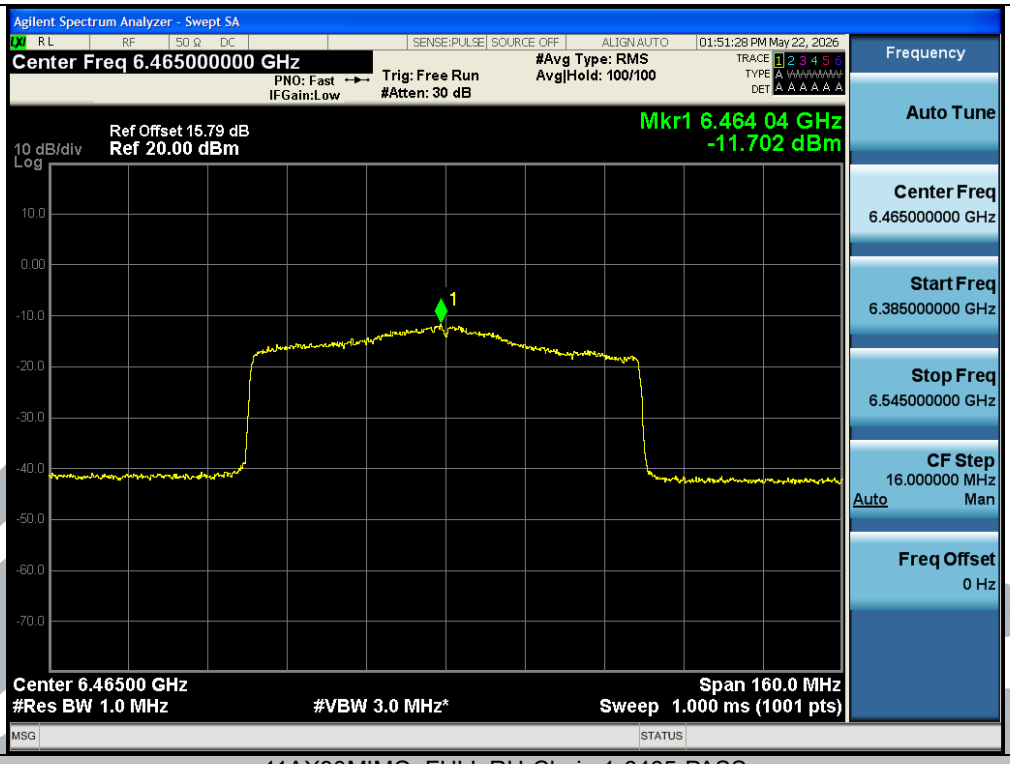


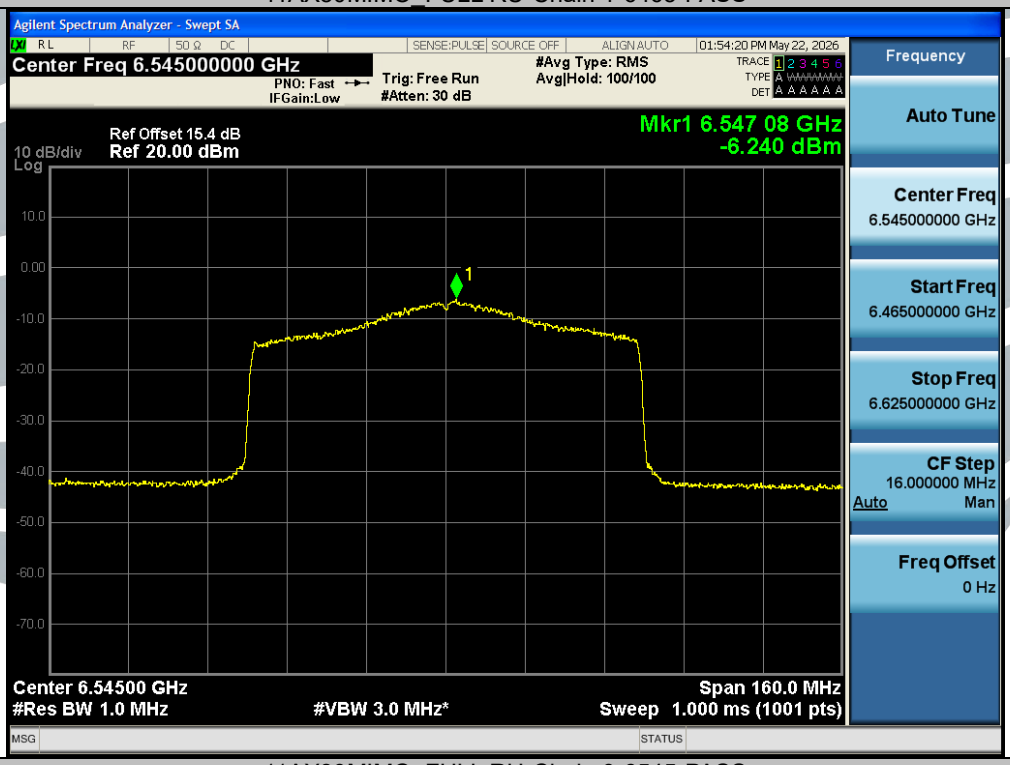
11AX80MIMO_FULL RU-Chain 1-6385-PASS



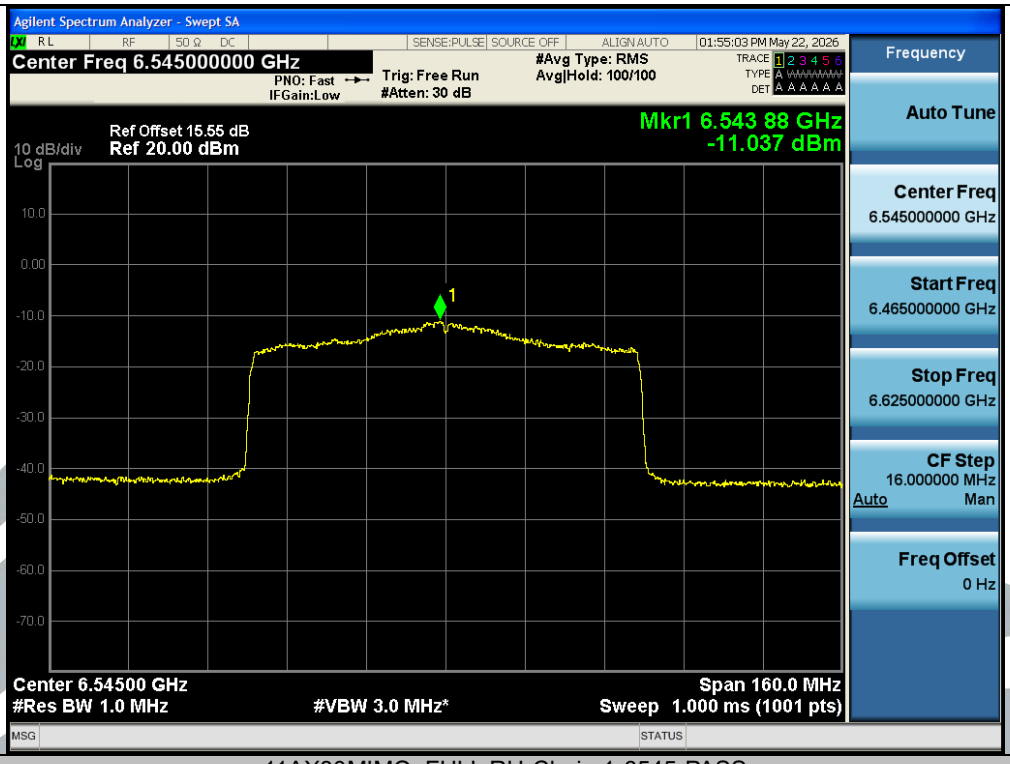
11AX80MIMO_FULL RU-Chain 0-6465-PASS



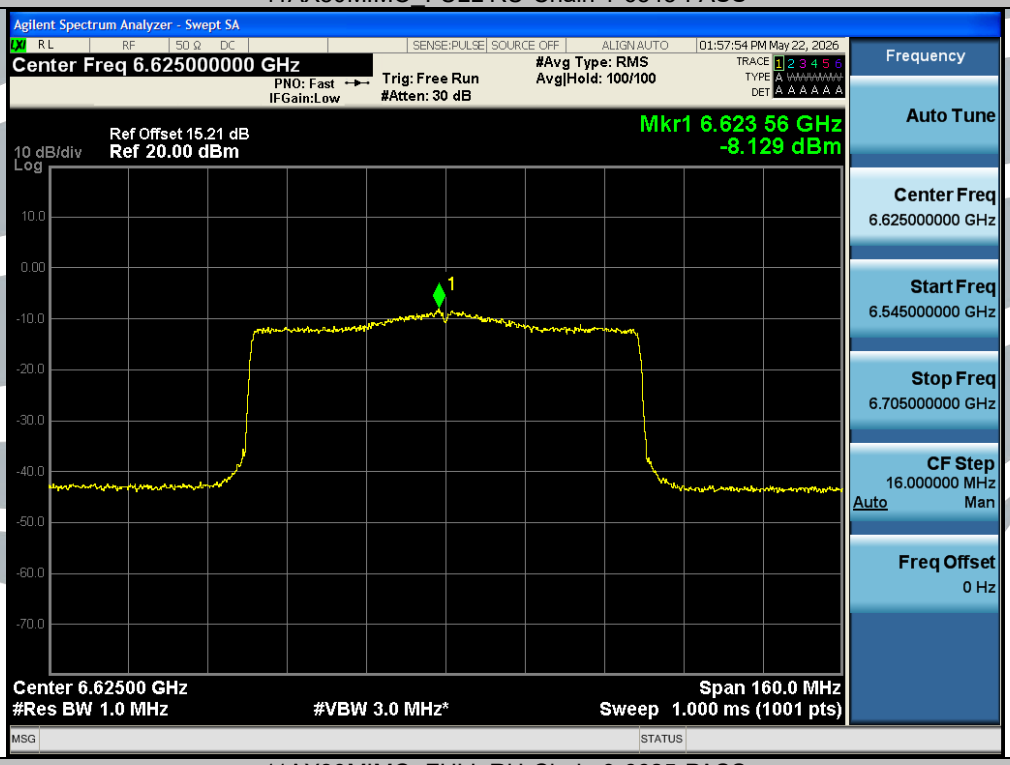
11AX80MIMO_FULL RU-Chain 1-6465-PASS



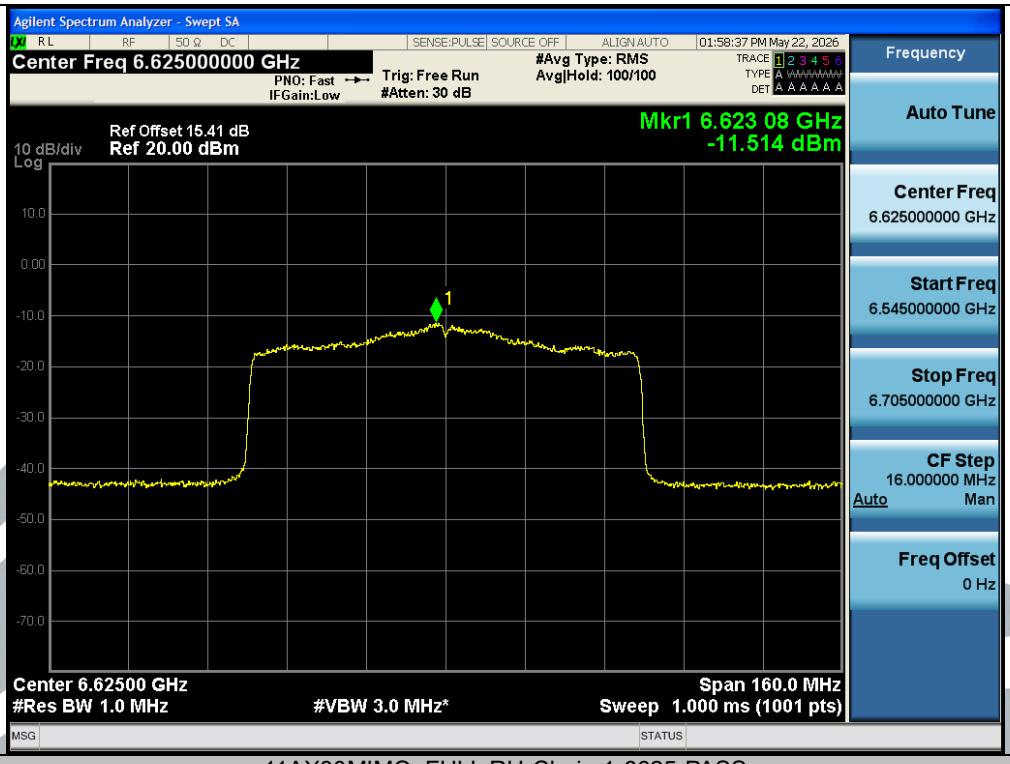
11AX80MIMO_FULL RU-Chain 0-6545-PASS



11AX80MIMO_FULL RU-Chain 1-6545-PASS



11AX80MIMO_FULL RU-Chain 0-6625-PASS



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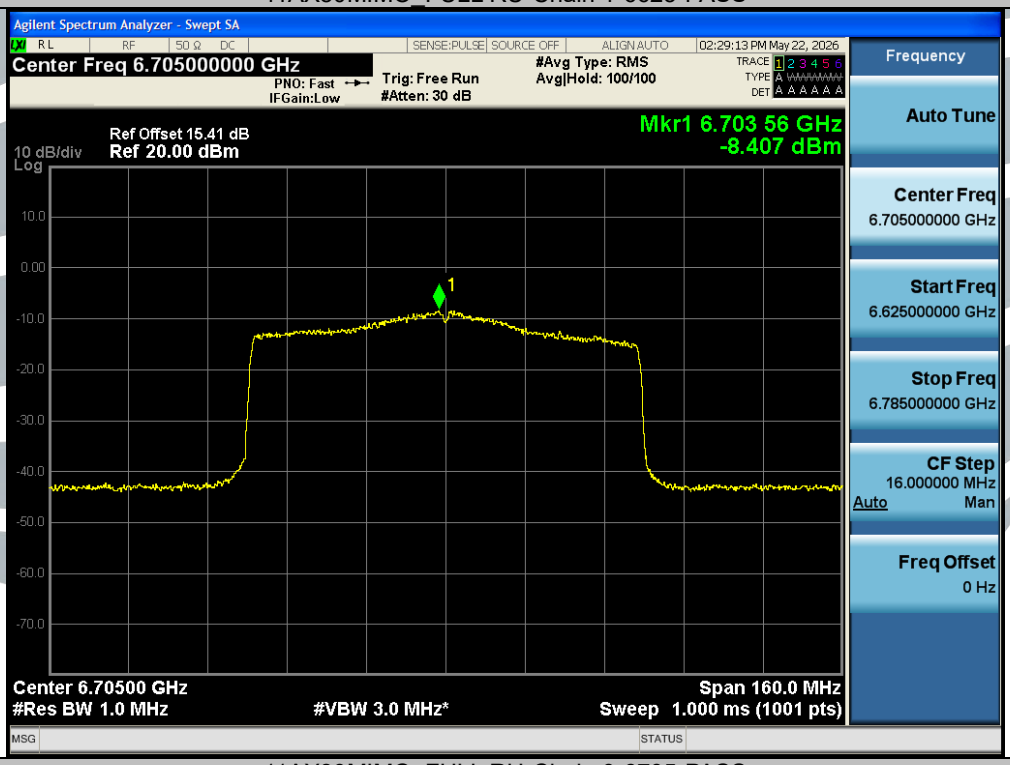
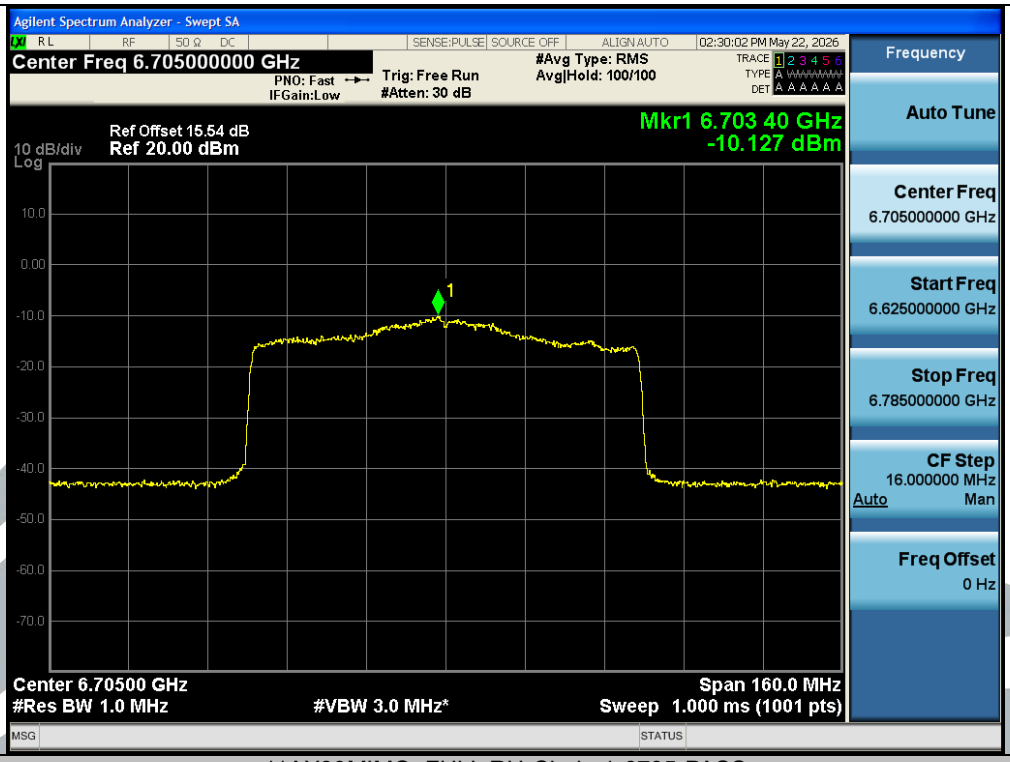
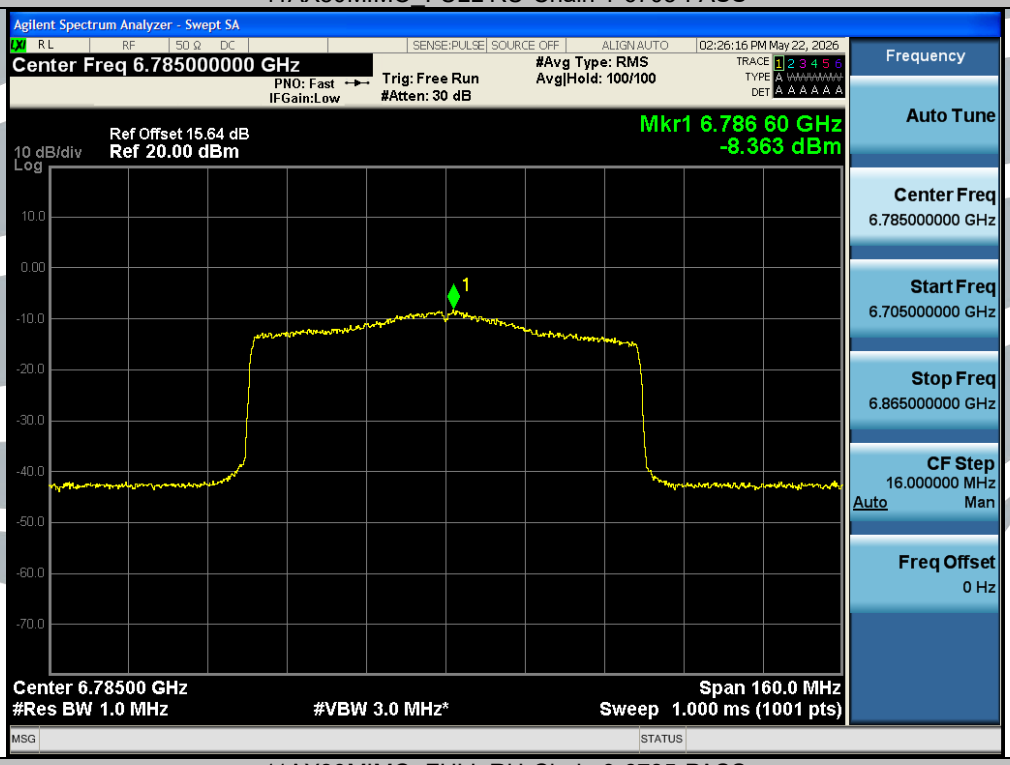


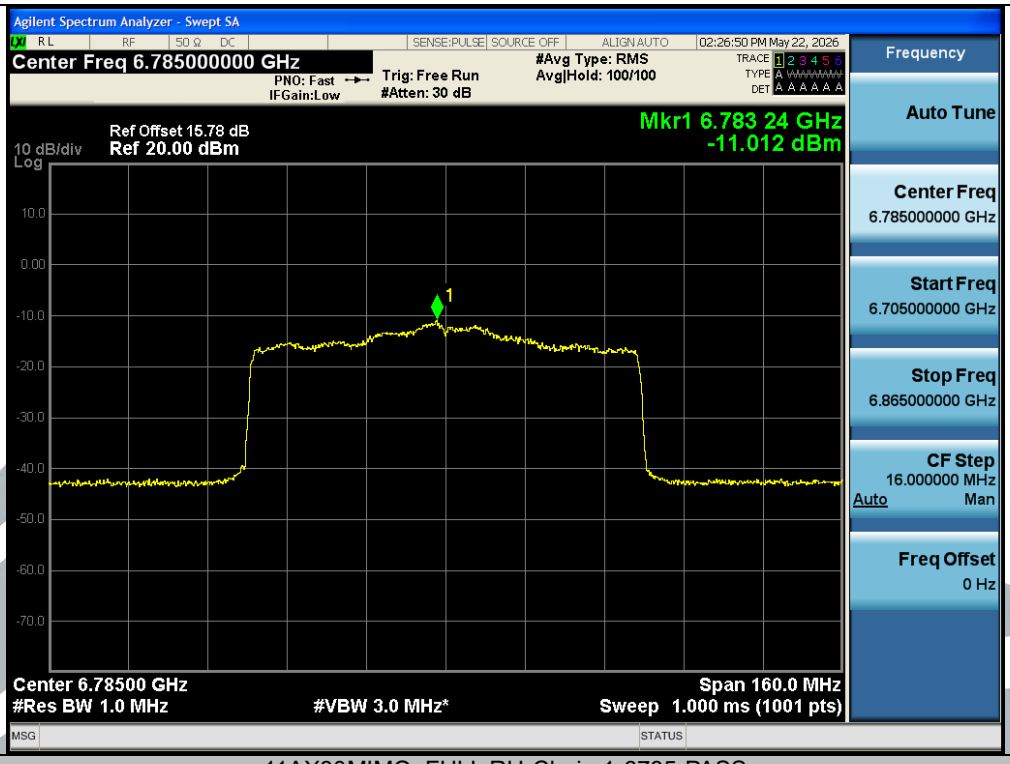
11AX80MIMO_FULL RU-Chain 0-6705-PASS



11AX80MIMO_FULL RU-Chain 1-6705-PASS



11AX80MIMO_FULL RU-Chain 0-6785-PASS



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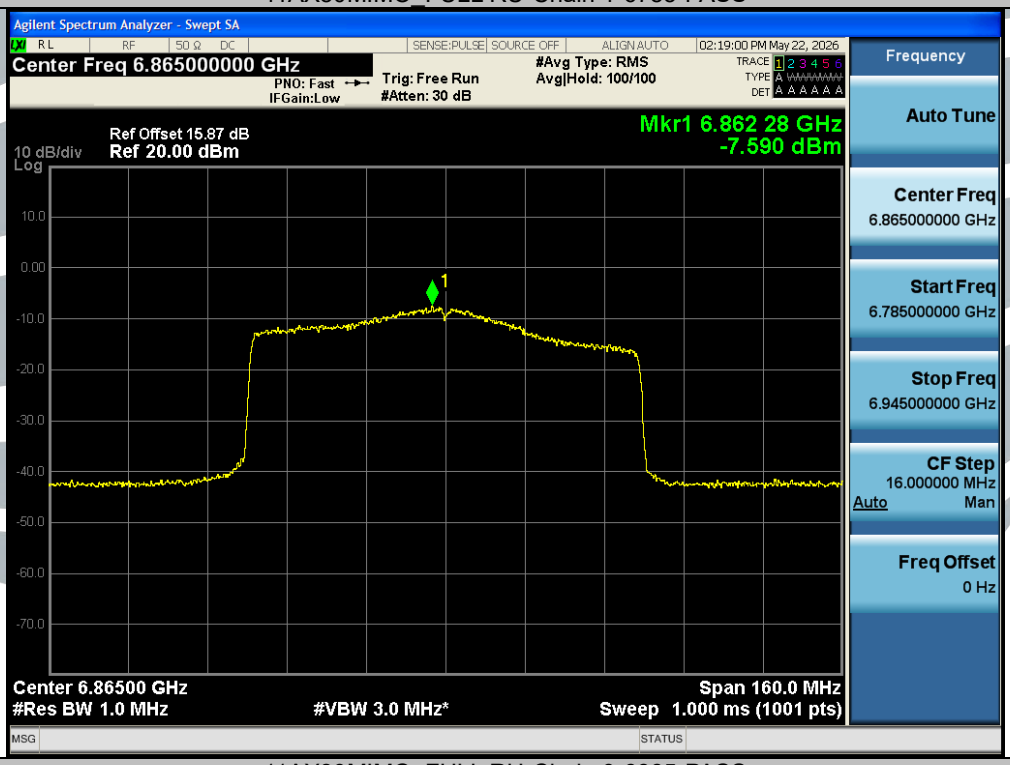
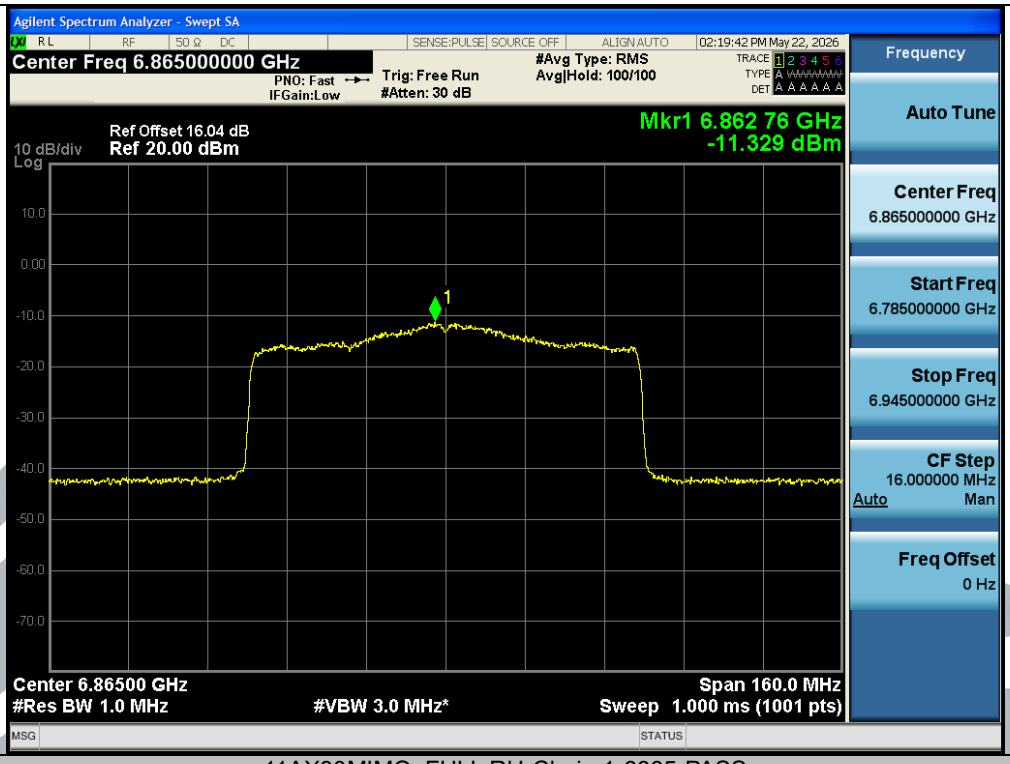
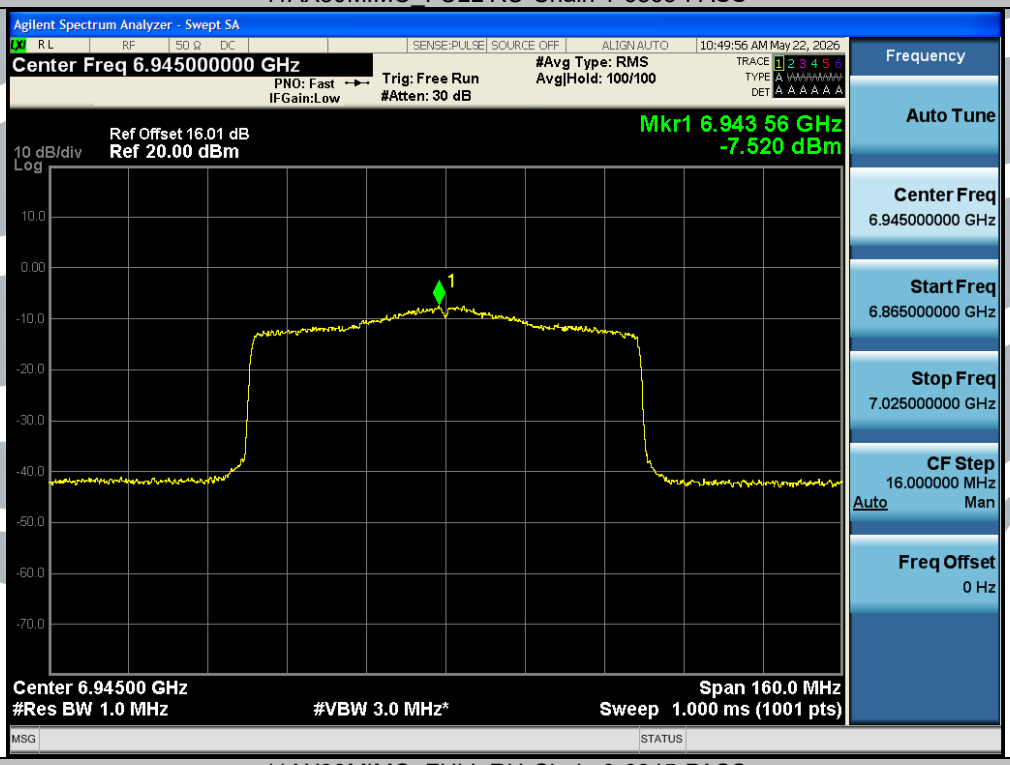


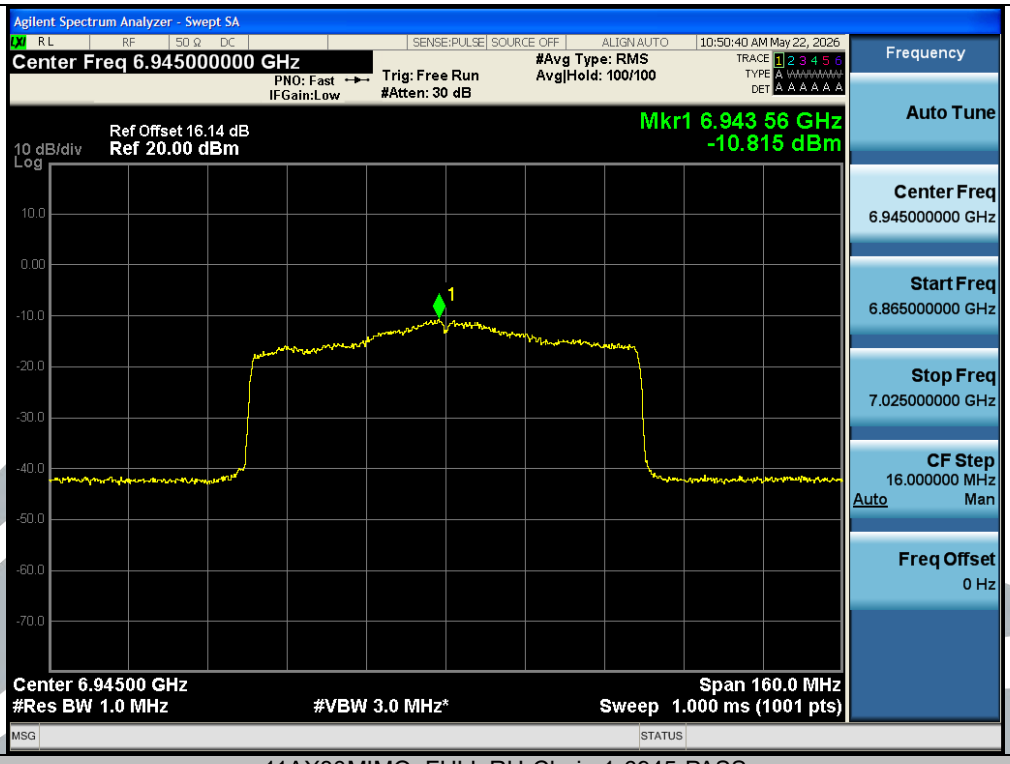
11AX80MIMO_FULL RU-Chain 0-6865-PASS



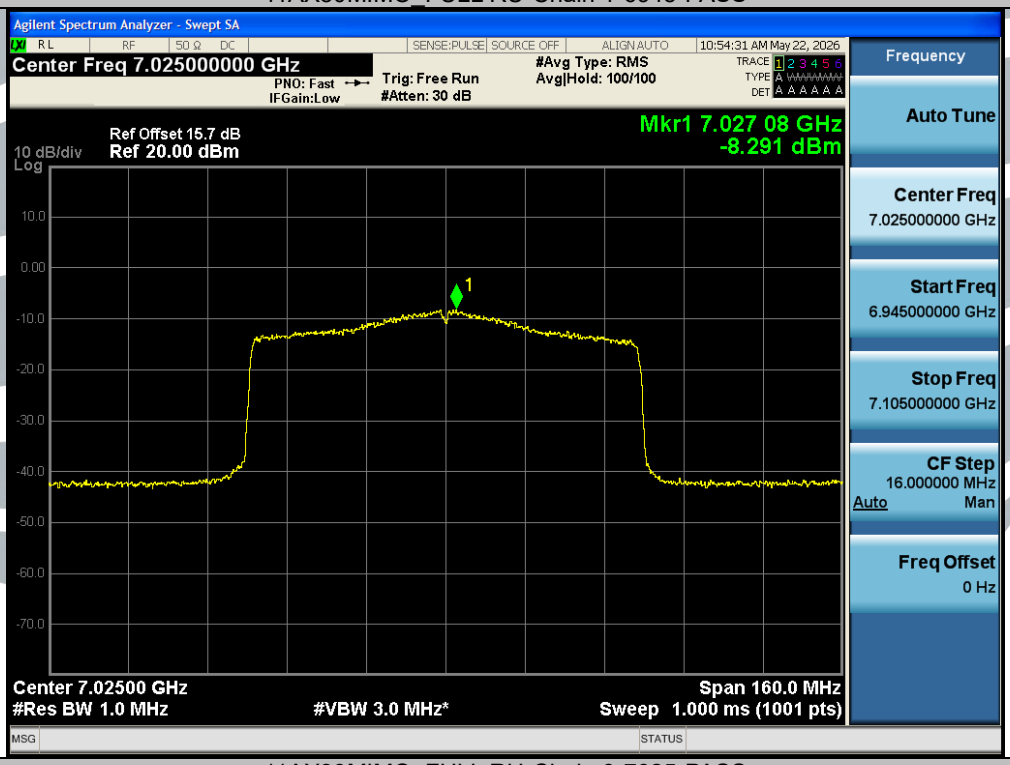
11AX80MIMO_FULL RU-Chain 1-6865-PASS



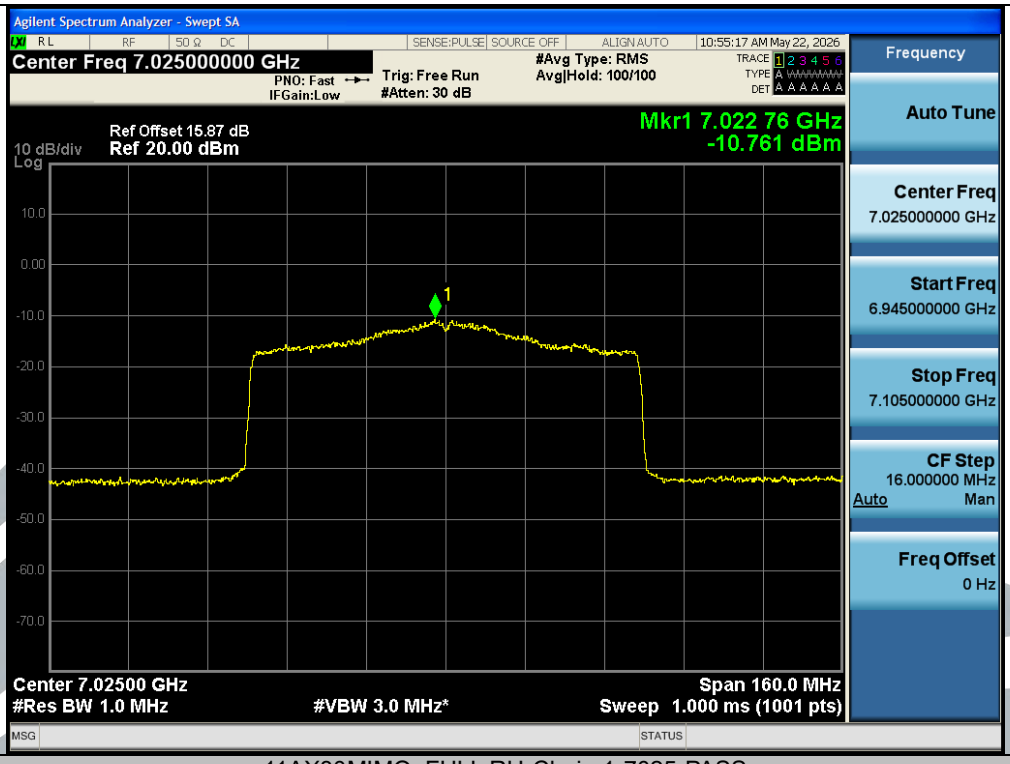
11AX80MIMO_FULL RU-Chain 0-6945-PASS



11AX80MIMO_FULL RU-Chain 1-6945-PASS



11AX80MIMO_FULL RU-Chain 0-7025-PASS



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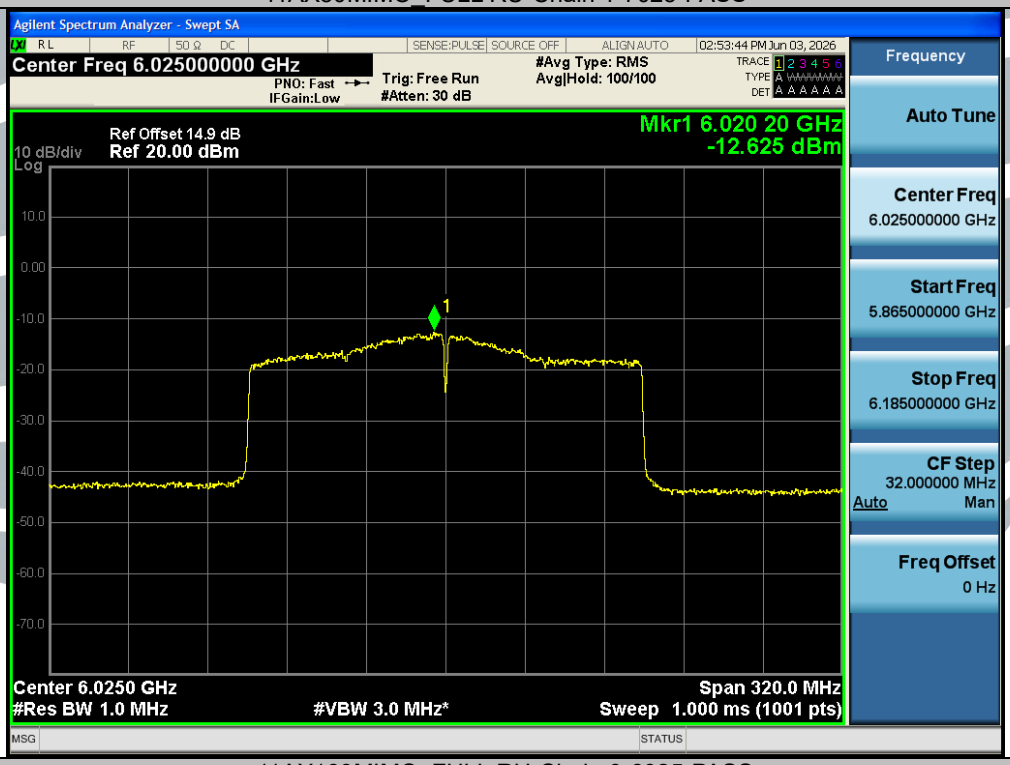
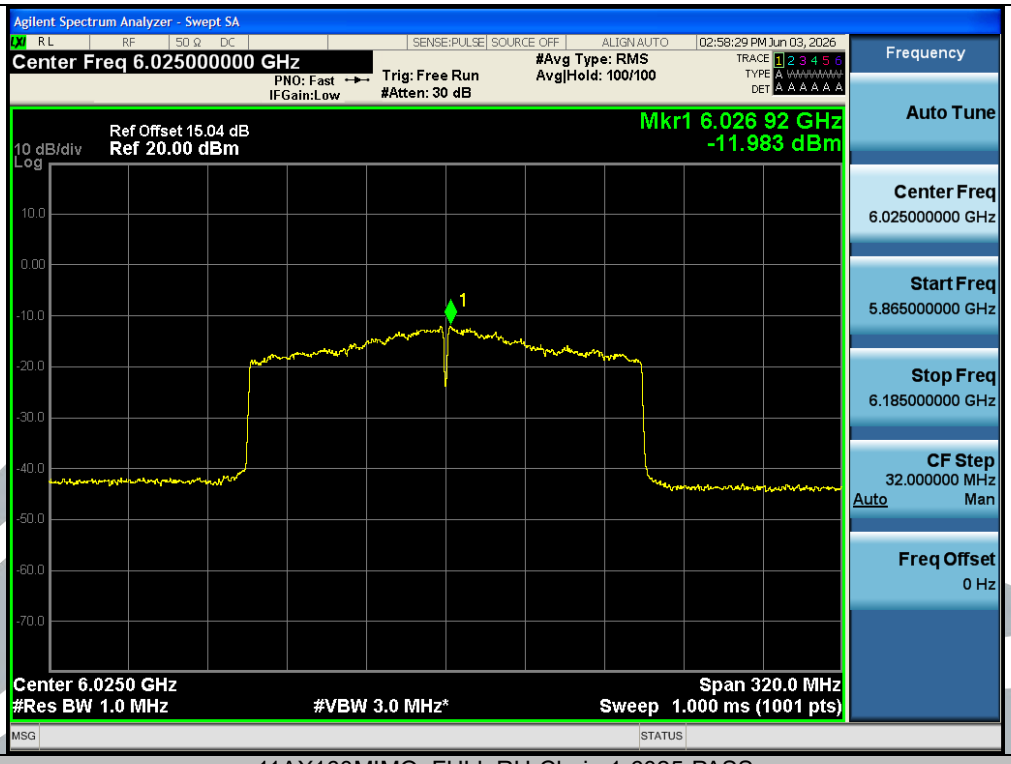
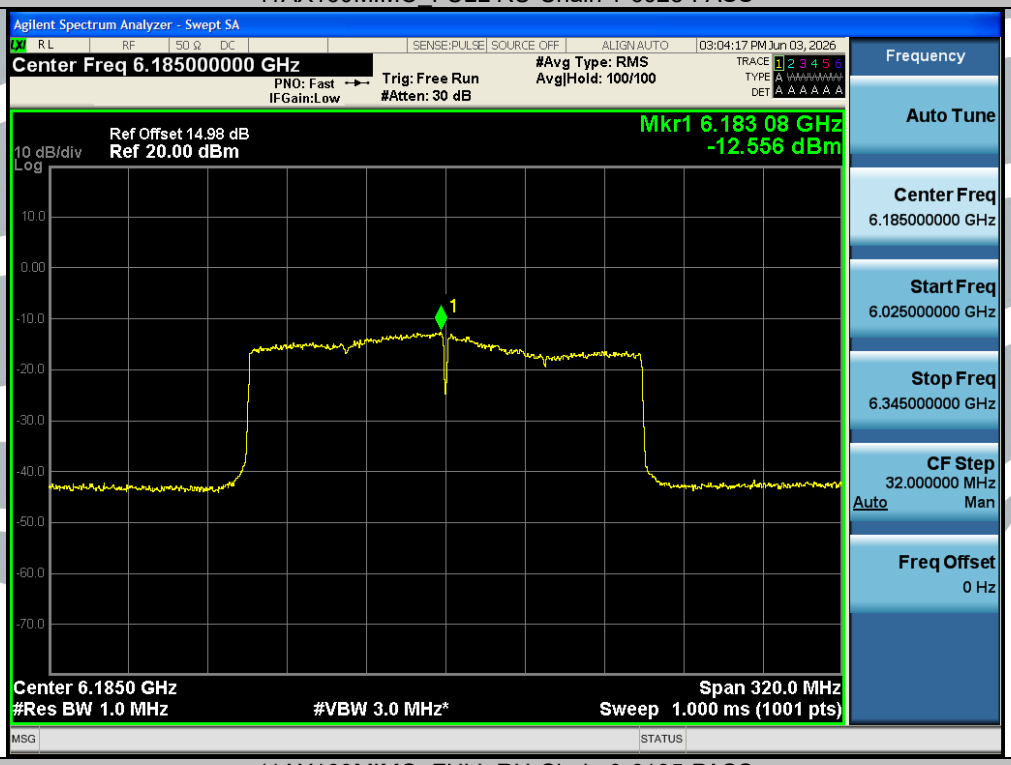


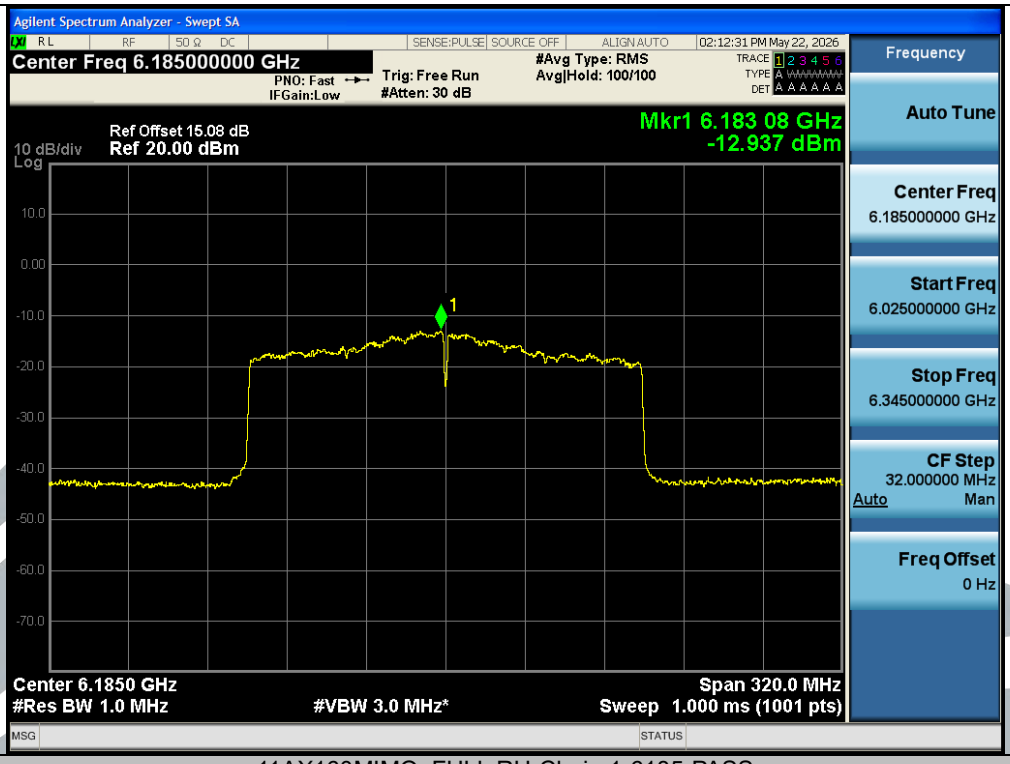
11AX160MIMO_FULL RU-Chain 0-6025-PASS



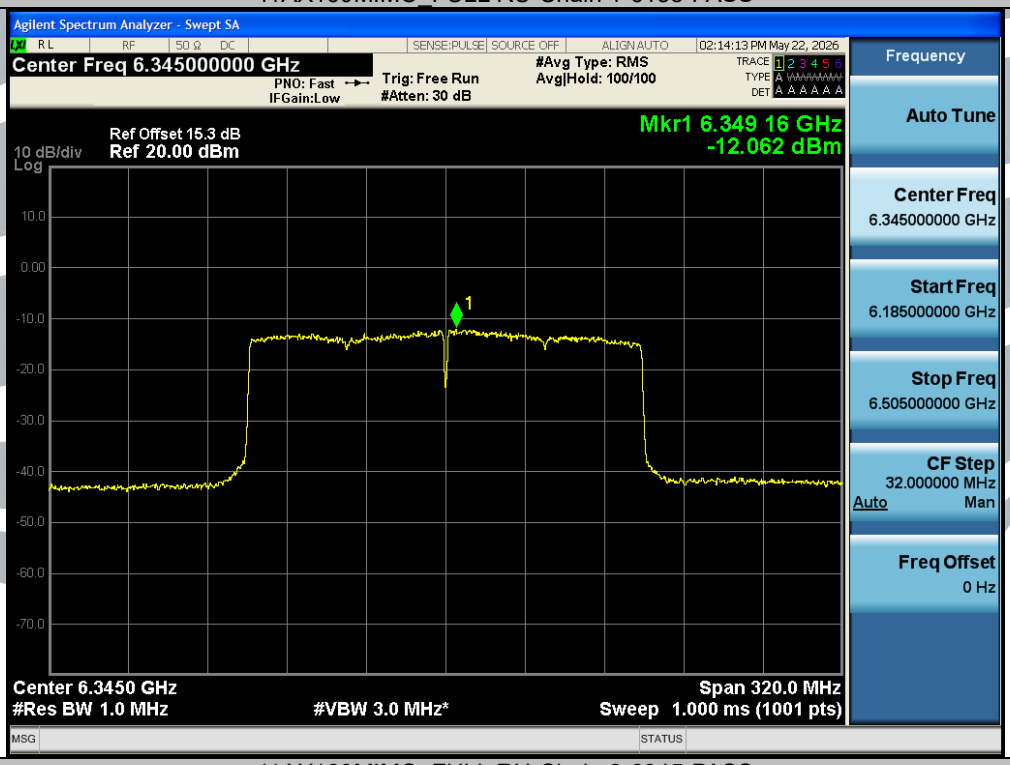
11AX160MIMO_FULL RU-Chain 1-6025-PASS



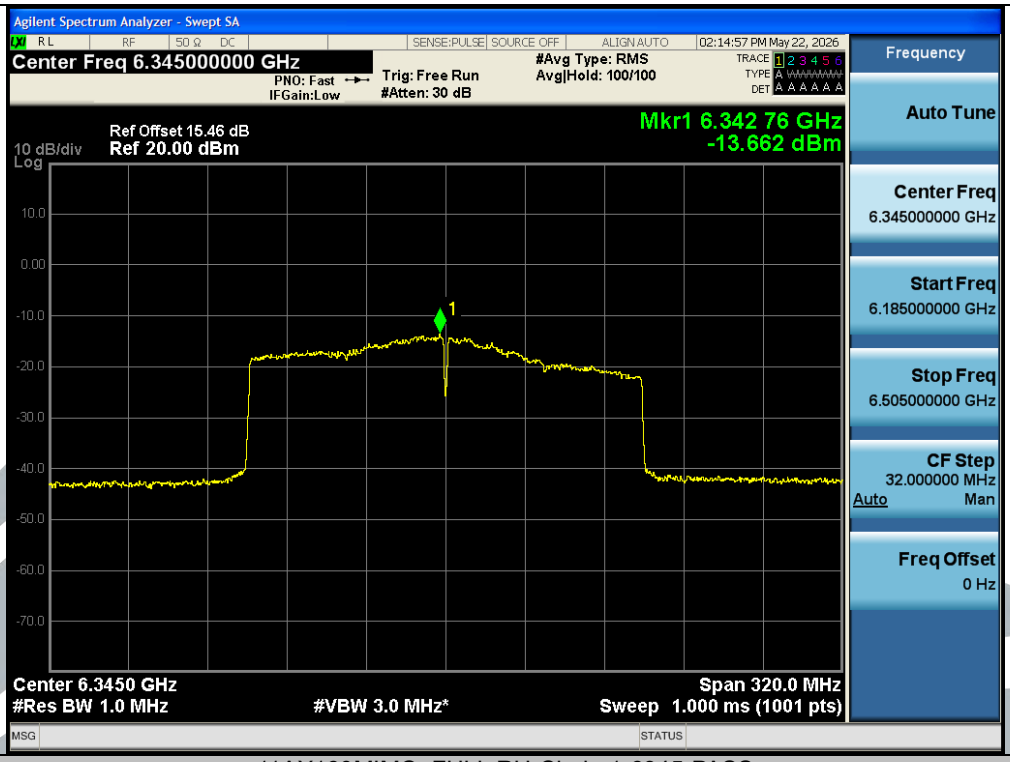
11AX160MIMO_FULL RU-Chain 0-6185-PASS



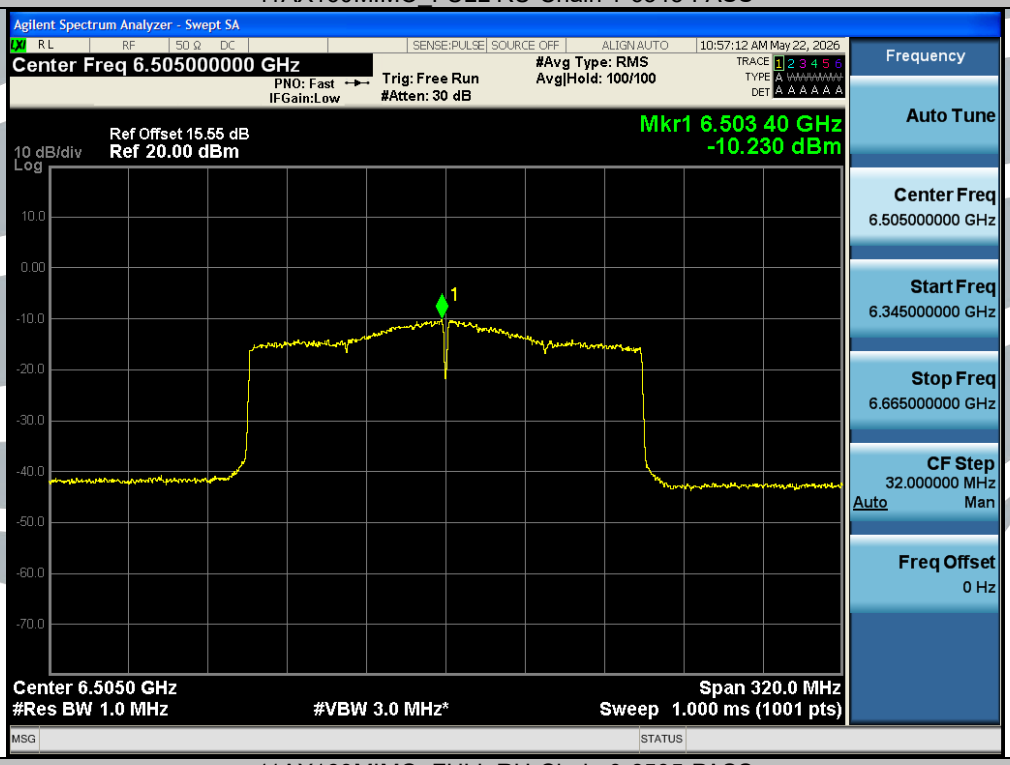
11AX160MIMO_FULL RU-Chain 1-6185-PASS



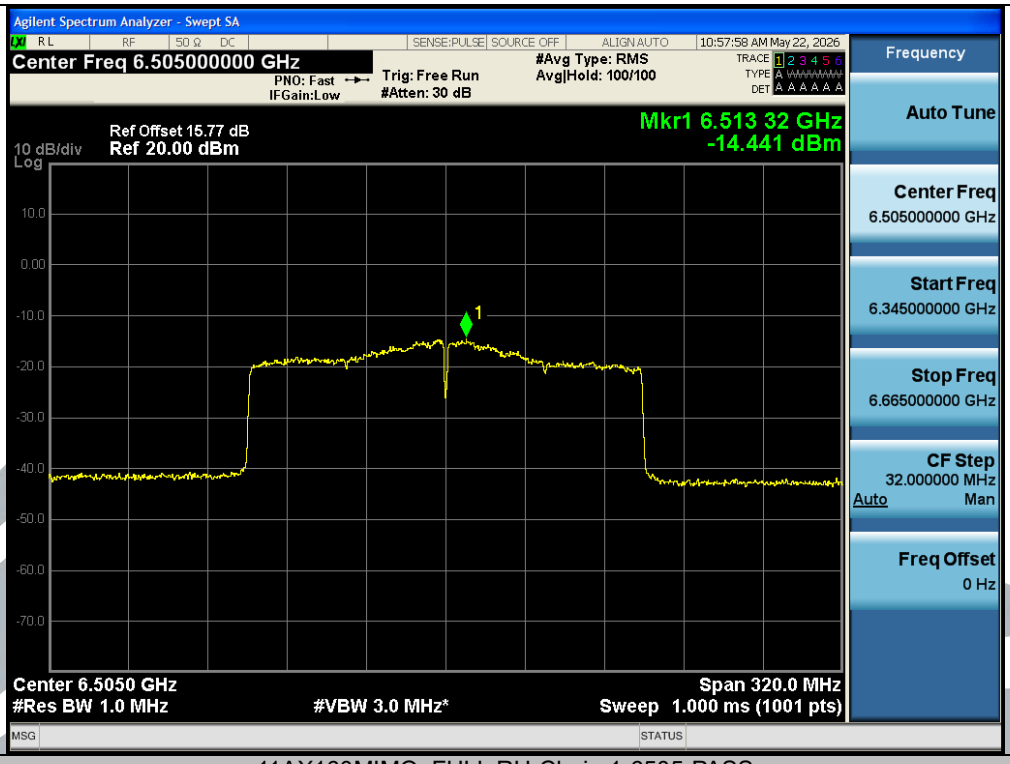
11AX160MIMO_FULL RU-Chain 0-6345-PASS



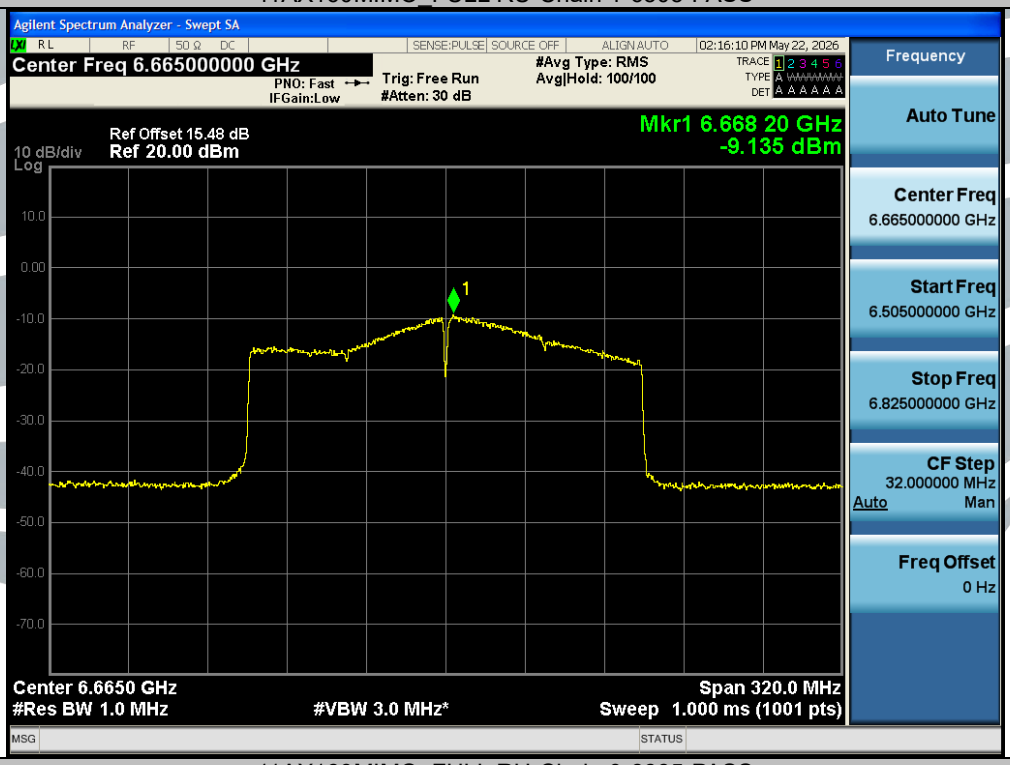
11AX160MIMO_FULL RU-Chain 1-6345-PASS



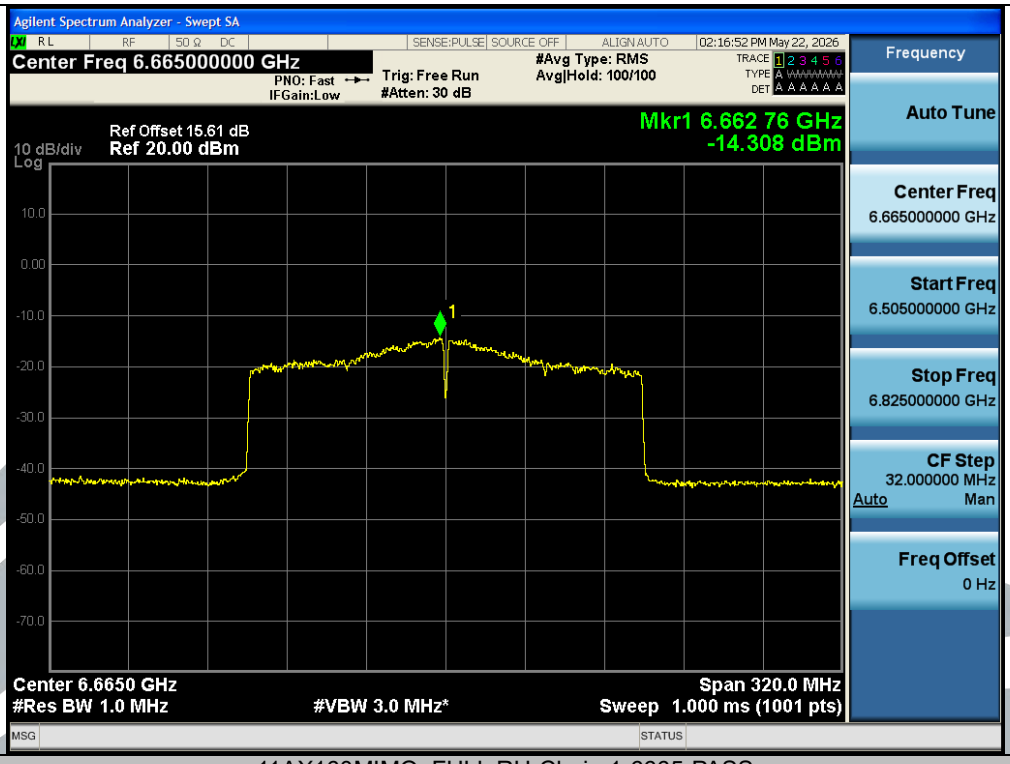
11AX160MIMO_FULL RU-Chain 0-6505-PASS



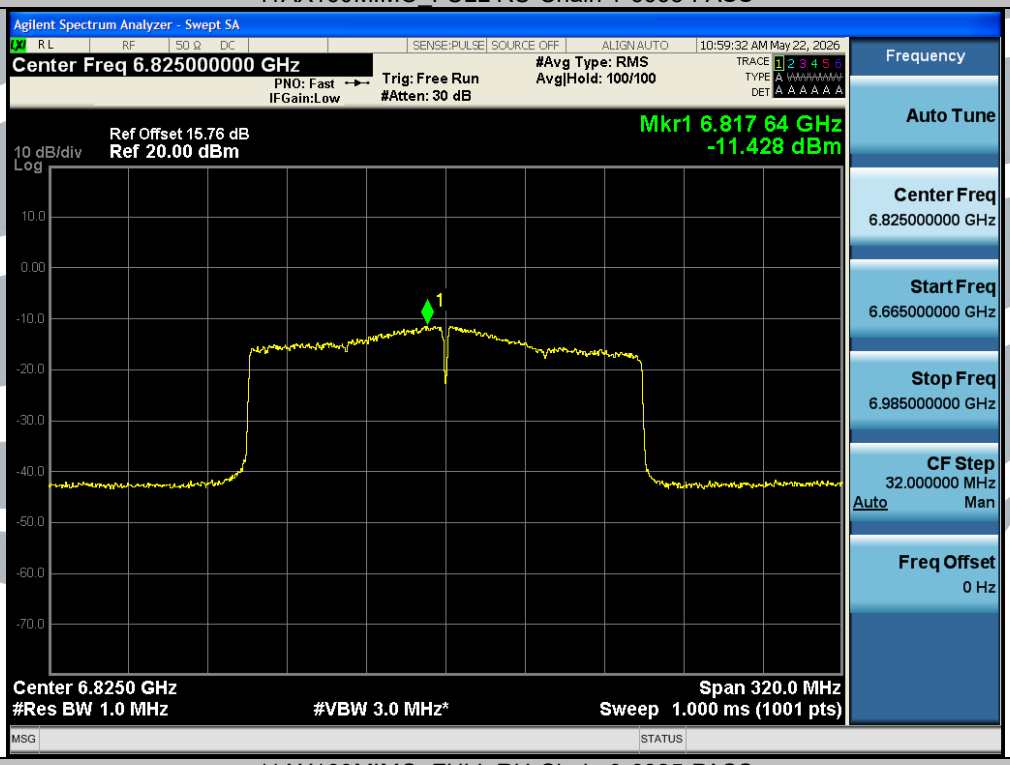
11AX160MIMO_FULL RU-Chain 1-6505-PASS



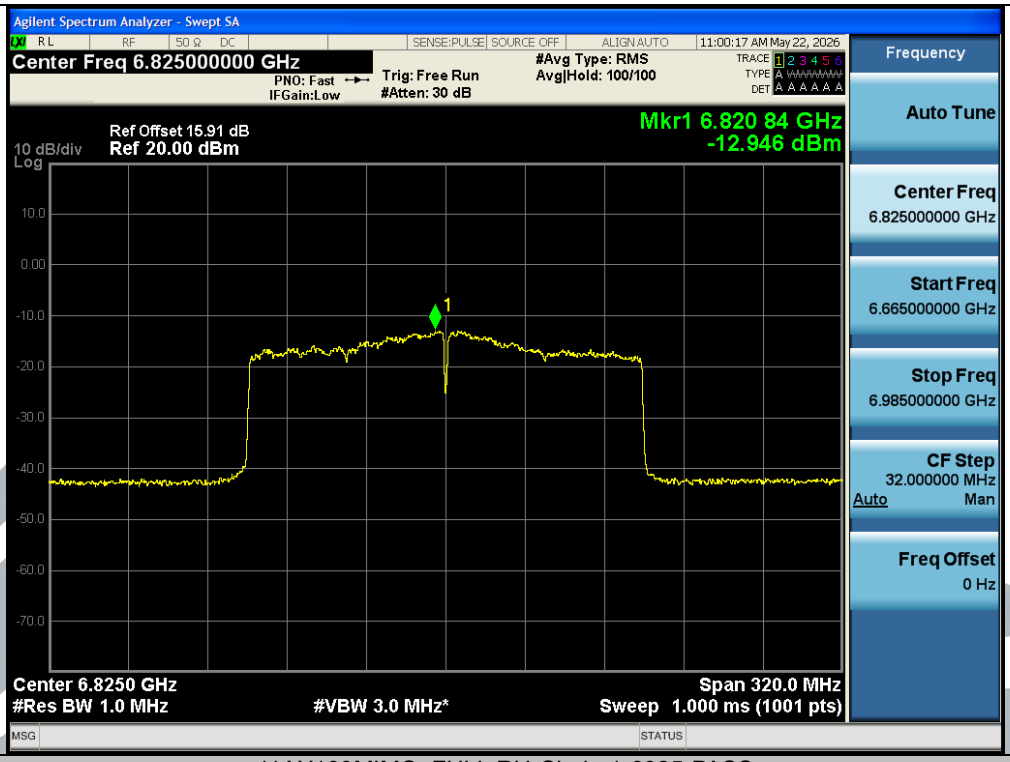
11AX160MIMO_FULL RU-Chain 0-6665-PASS



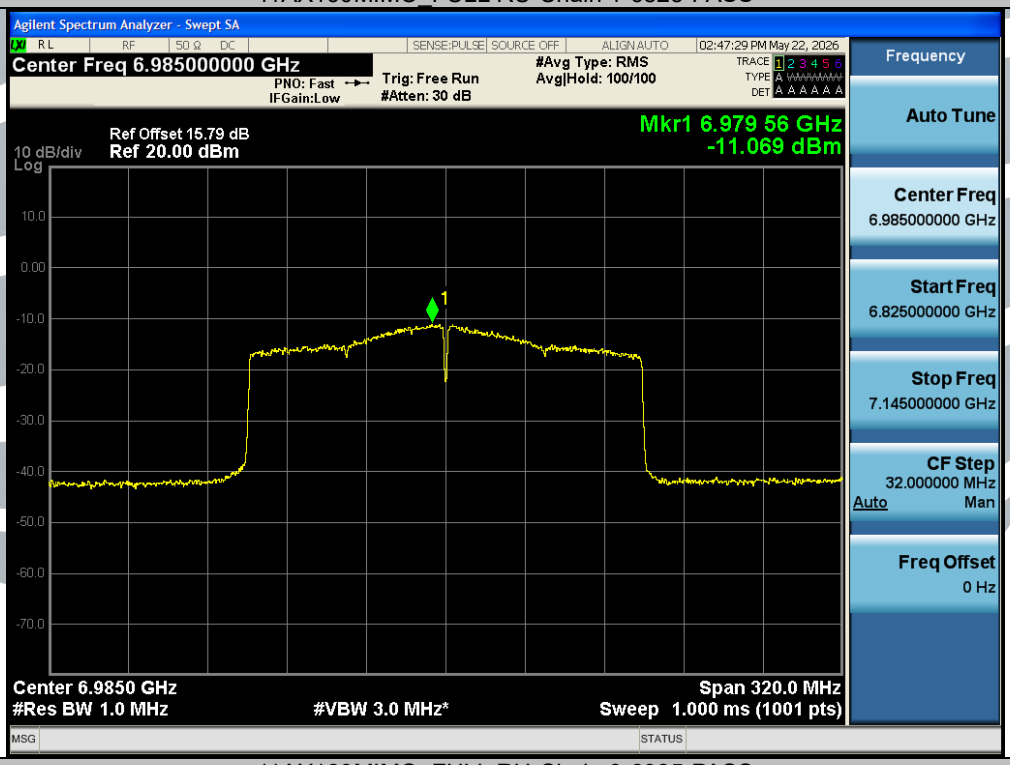
11AX160MIMO_FULL RU-Chain 1-6665-PASS



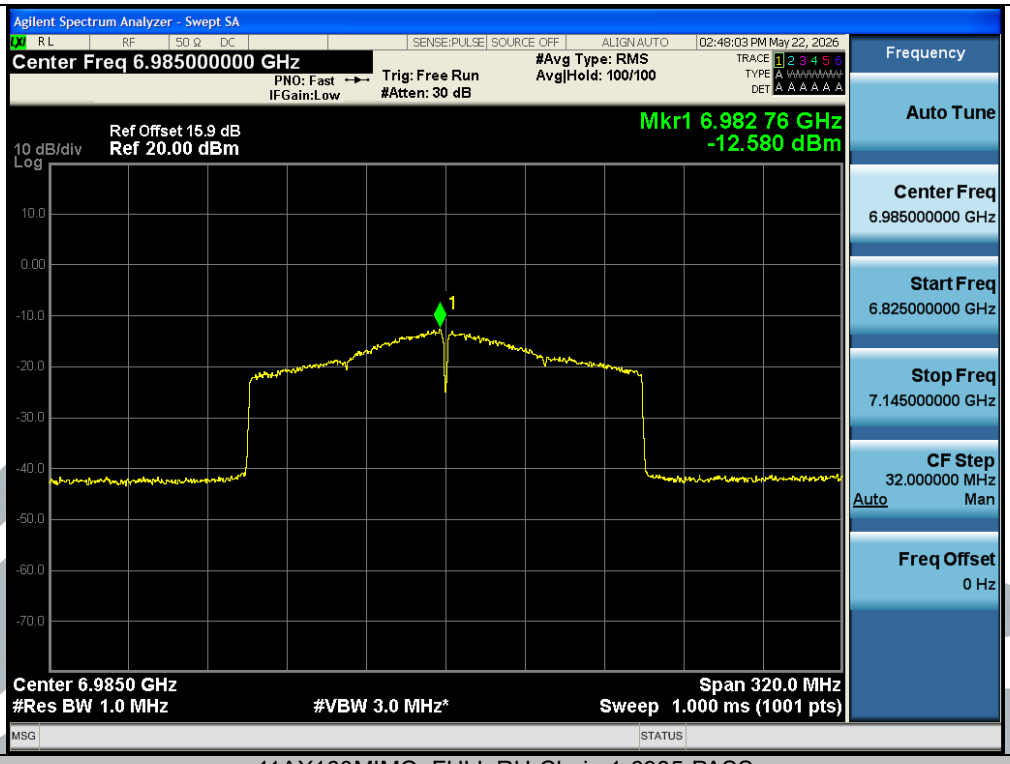
11AX160MIMO_FULL RU-Chain 0-6825-PASS



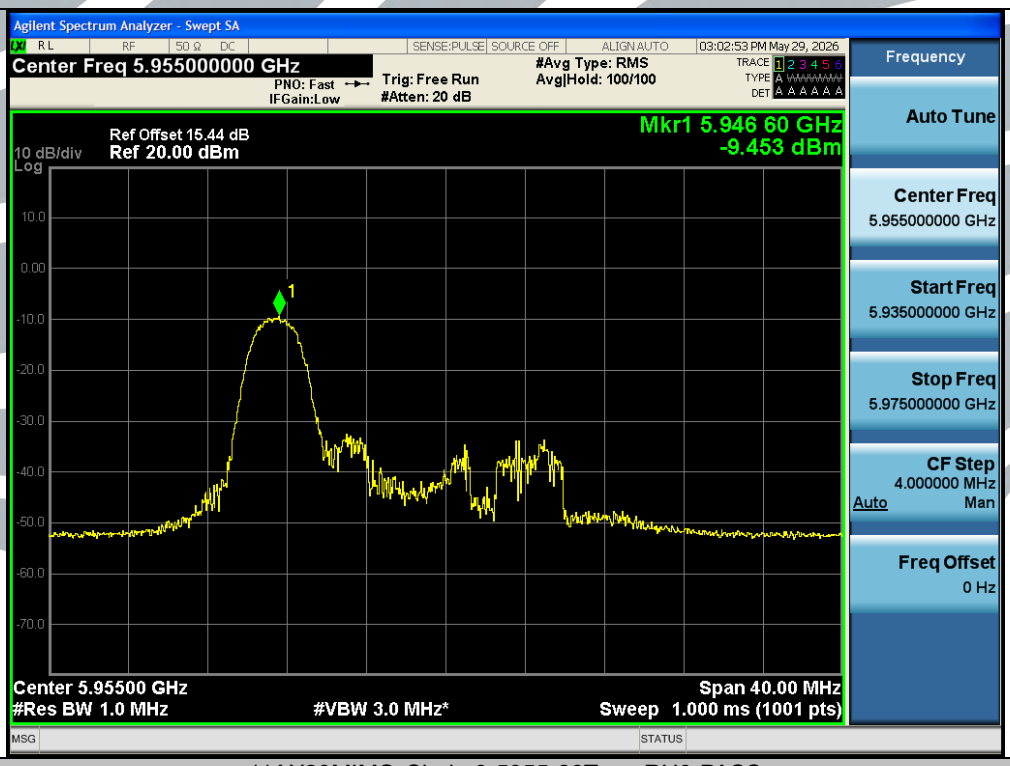
11AX160MIMO_FULL RU-Chain 1-6825-PASS



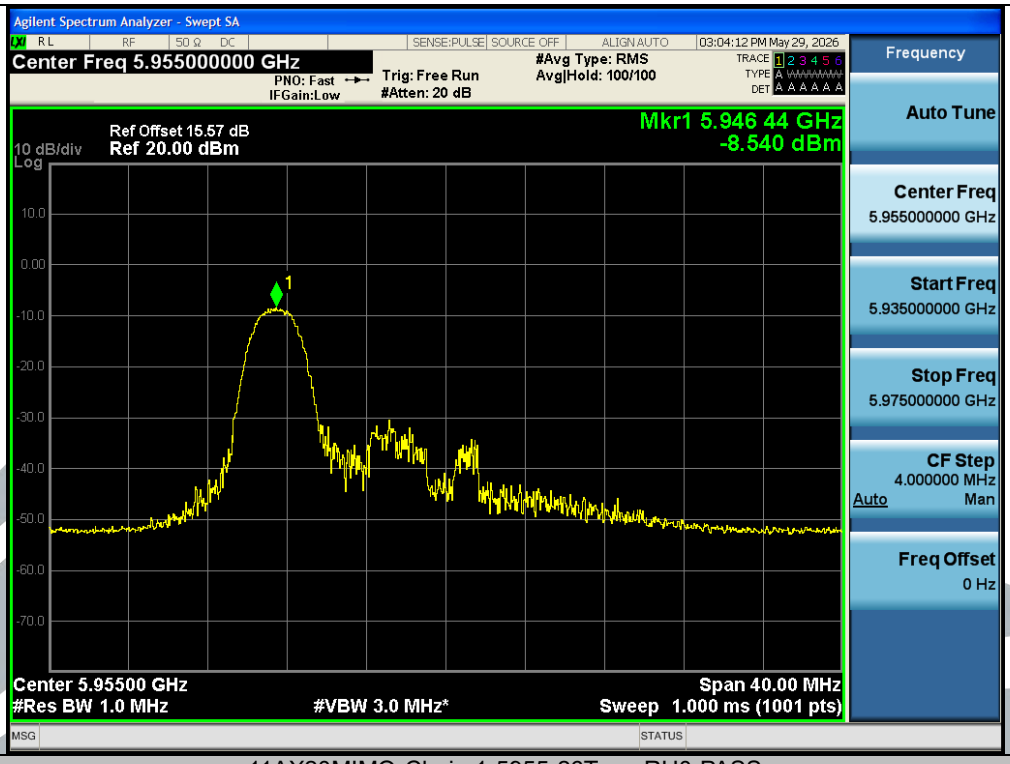
11AX160MIMO_FULL RU-Chain 0-6985-PASS



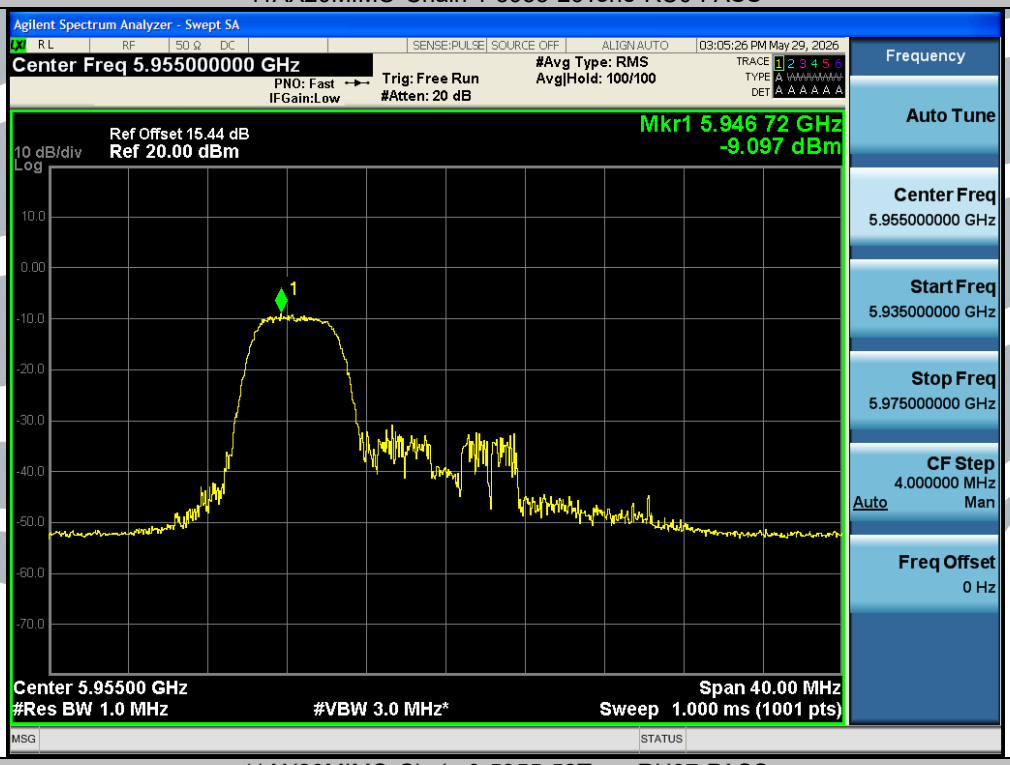
11AX160MIMO_FULL RU-Chain 1-6985-PASS



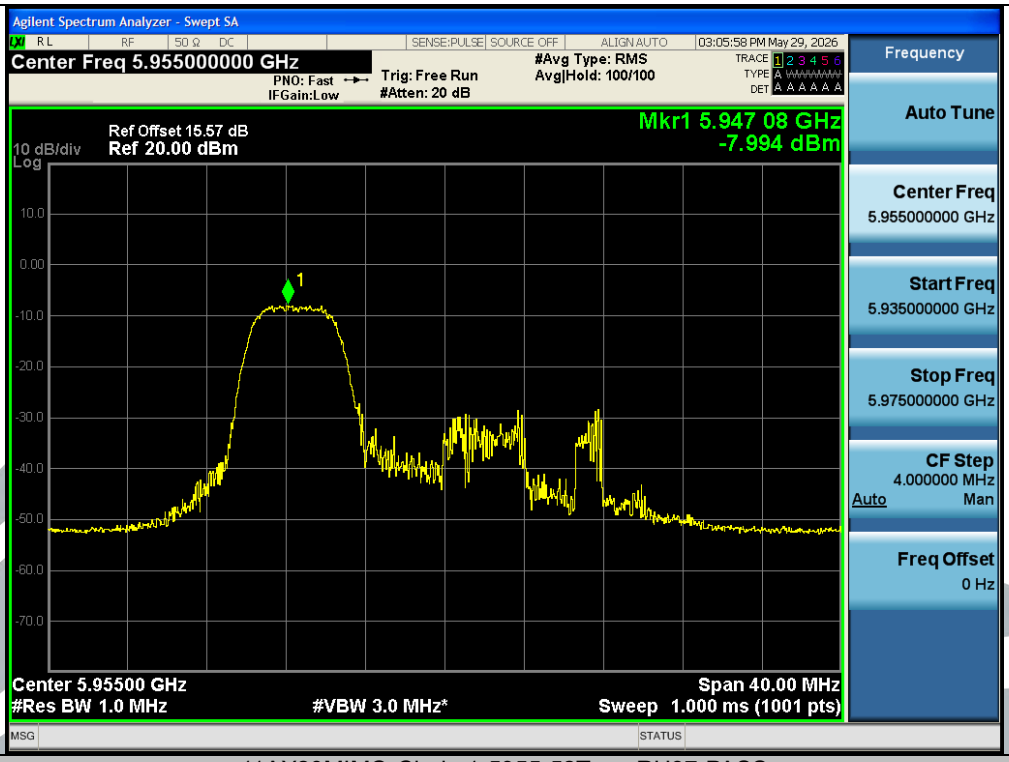
11AX20MIMO-Chain 0-5955-26Tone-RU0-PASS



11AX20MIMO-Chain 1-5955-26Tone-RU0-PASS



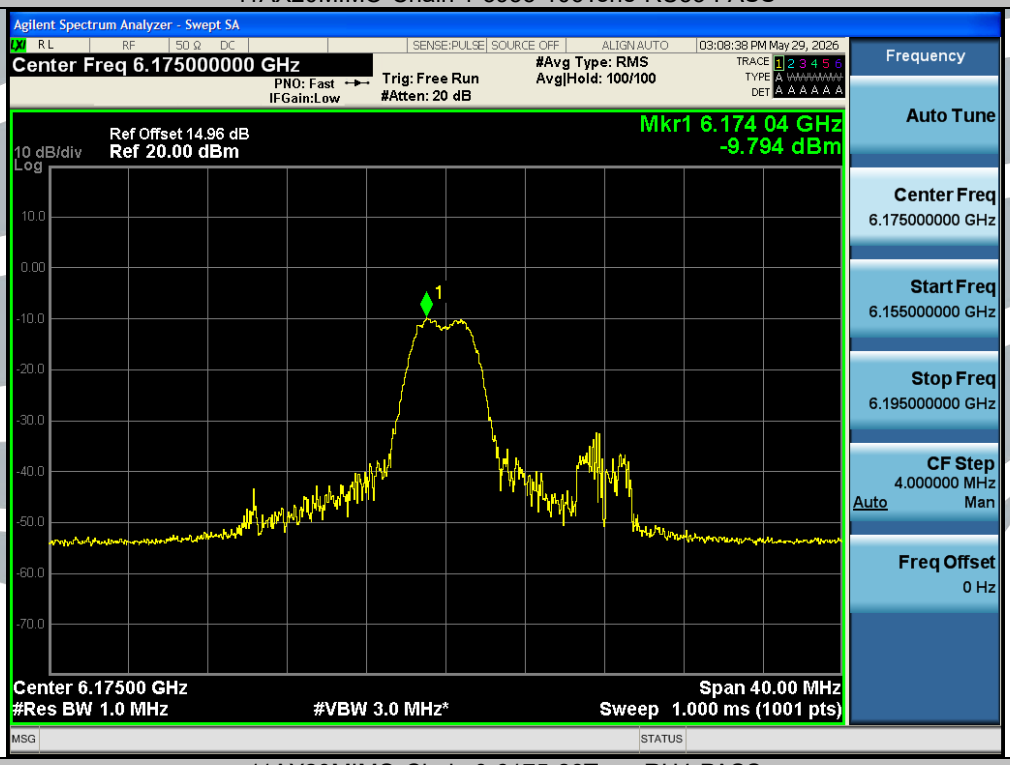
11AX20MIMO-Chain 0-5955-52Tone-RU37-PASS



11AX20MIMO-Chain 1-5955-52Tone-RU37-PASS

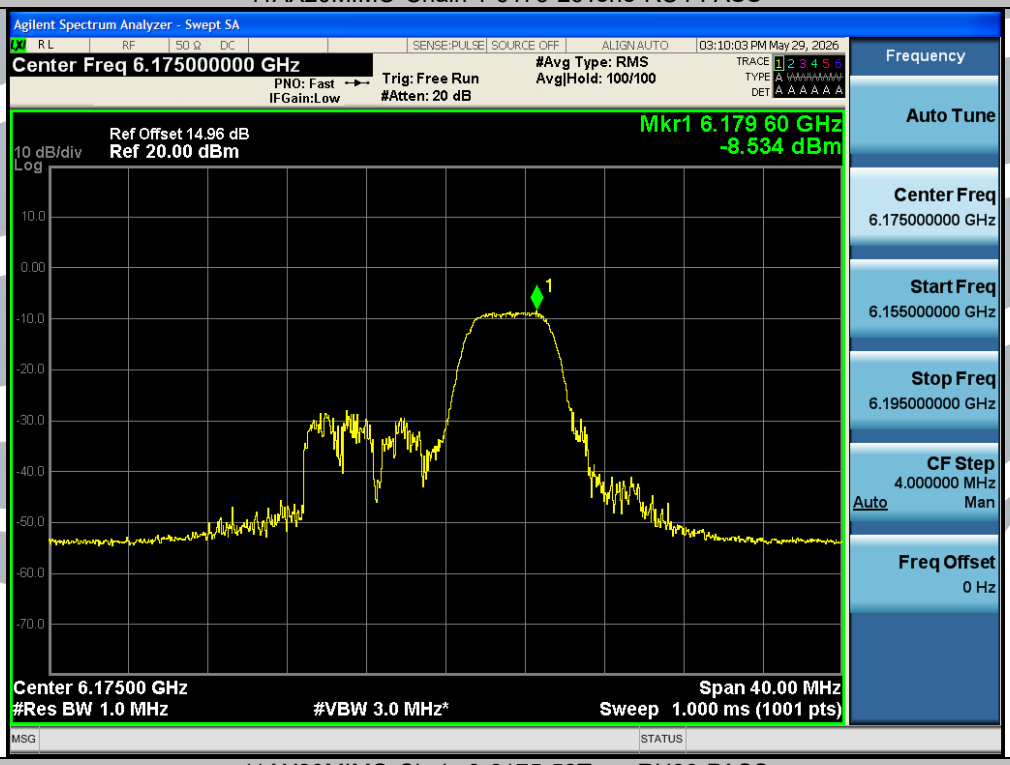
11AX20MIMO-Chain 0-5955-106Tone-RU53-PASS

11AX20MIMO-Chain 1-5955-106Tone-RU53-PASS

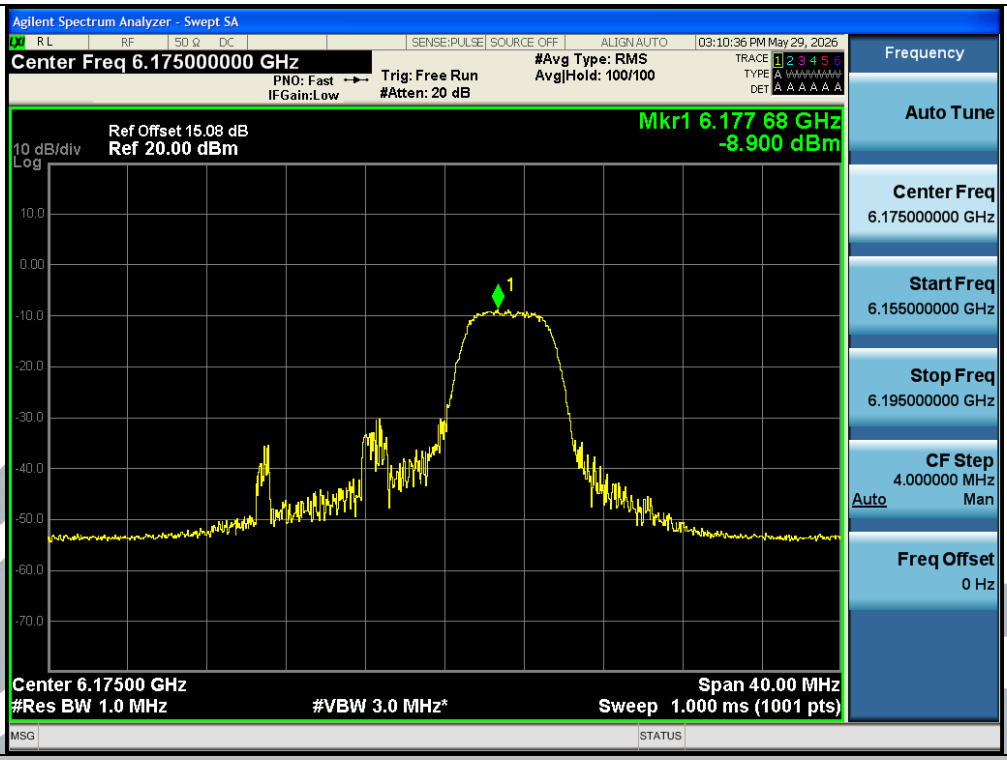


11AX20MIMO-Chain 0-6175-26Tone-RU4-PASS

11AX20MIMO-Chain 1-6175-26Tone-RU4-PASS

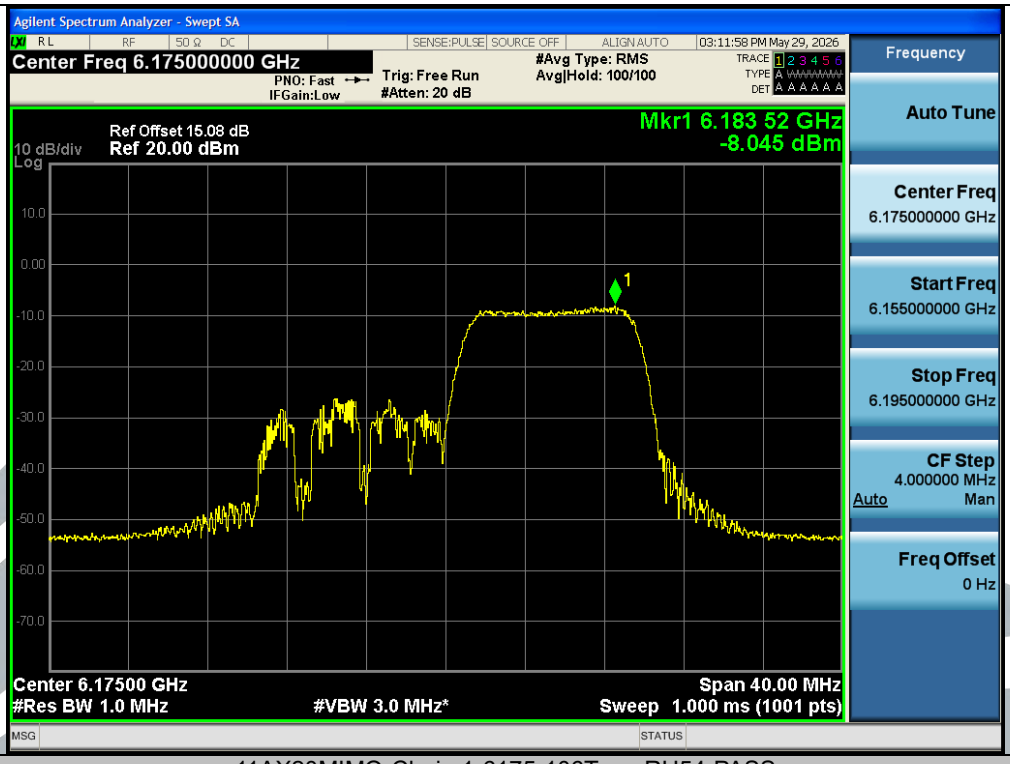


11AX20MIMO-Chain 0-6175-52Tone-RU39-PASS



11AX20MIMO-Chain 1-6175-52Tone-RU39-PASS

11AX20MIMO-Chain 0-6175-106Tone-RU54-PASS



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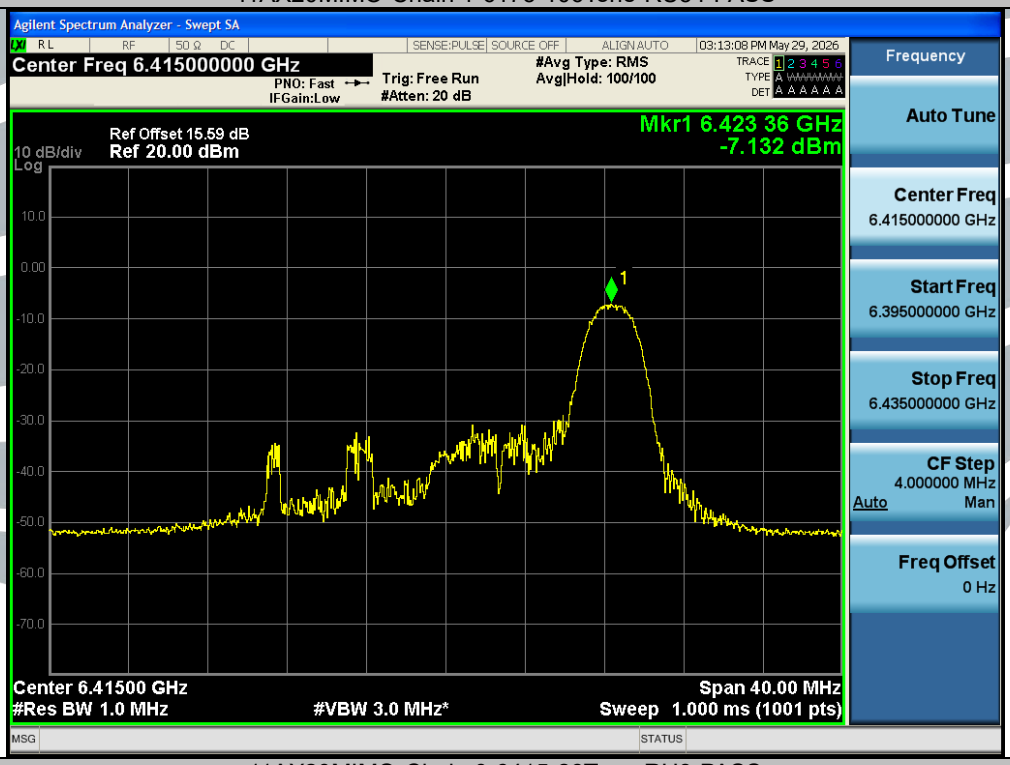
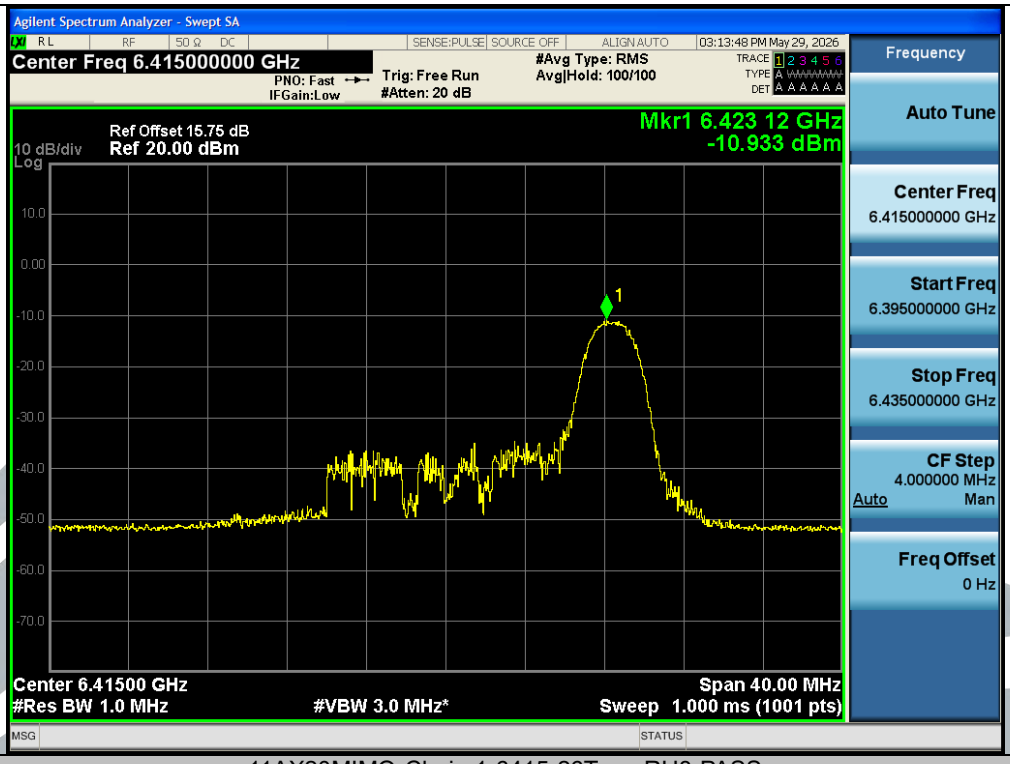
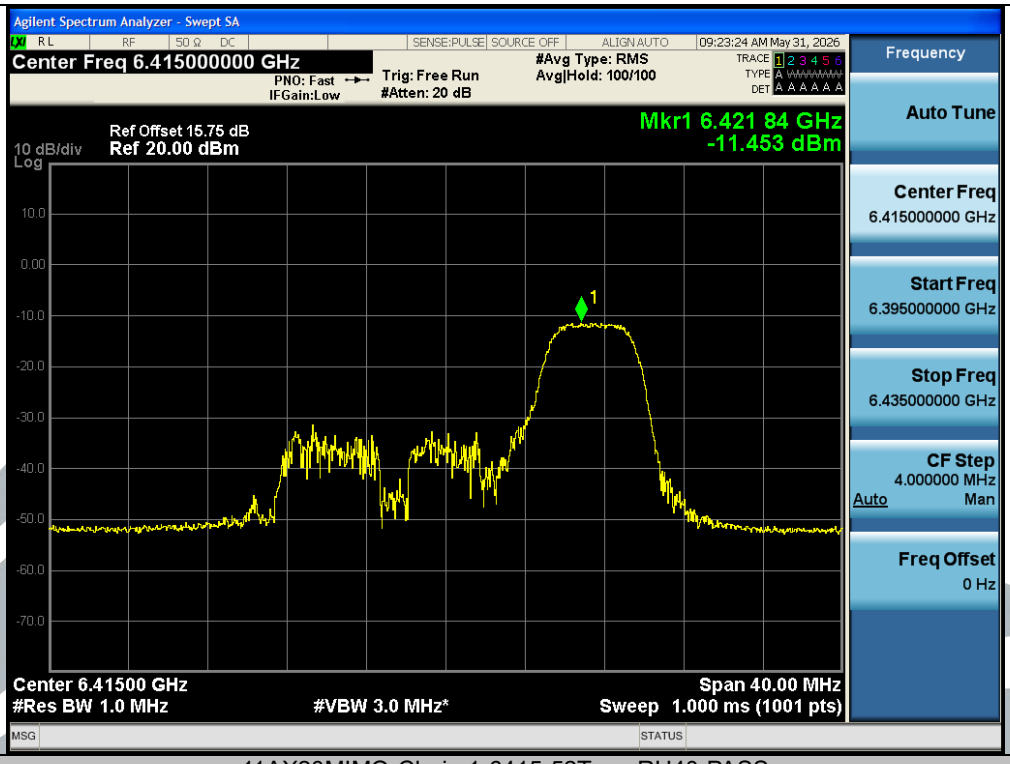


11AX20MIMO-Chain 0-6415-26Tone-RU8-PASS



11AX20MIMO-Chain 1-6415-26Tone-RU8-PASS

11AX20MIMO-Chain 0-6415-52Tone-RU40-PASS



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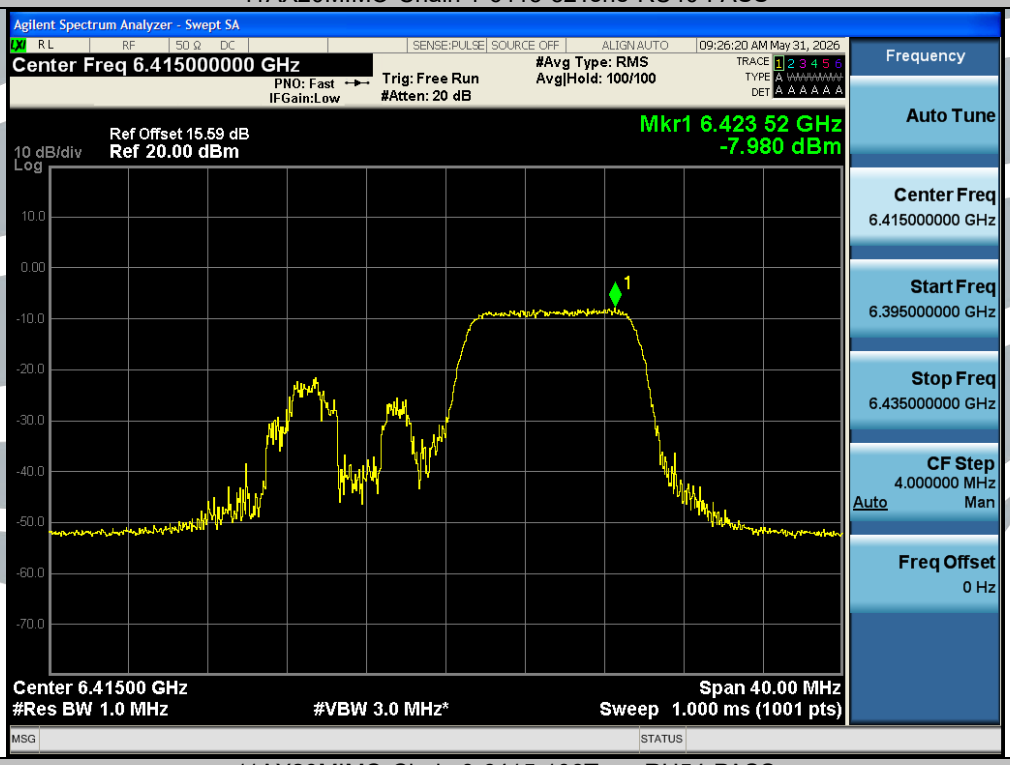
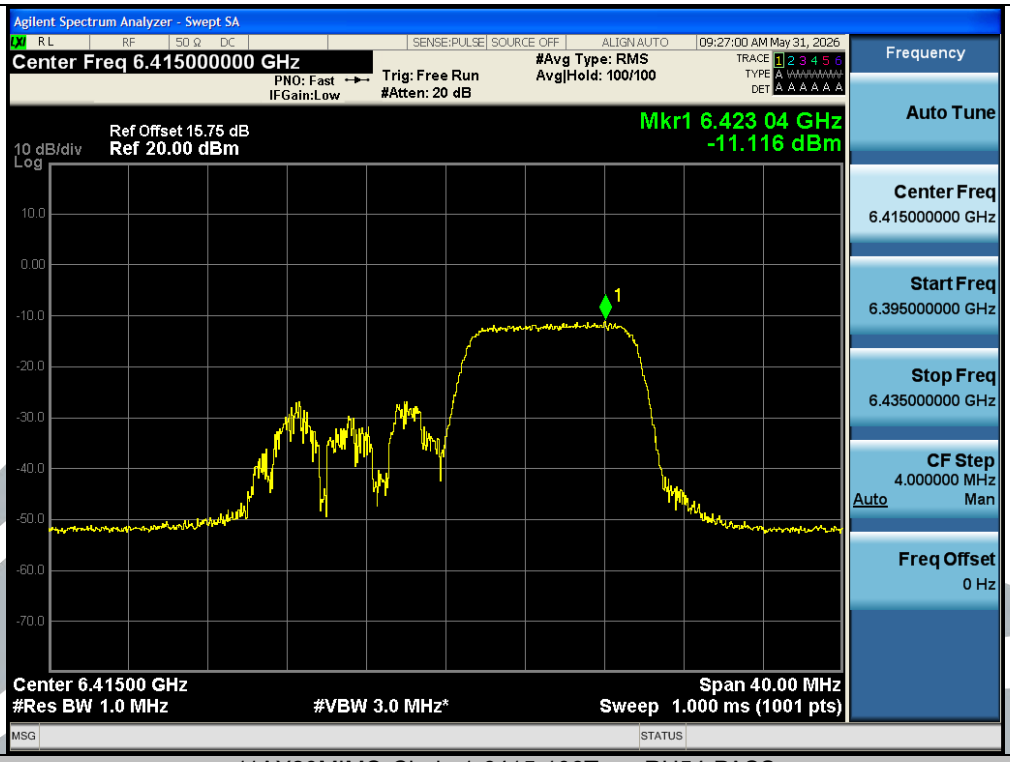
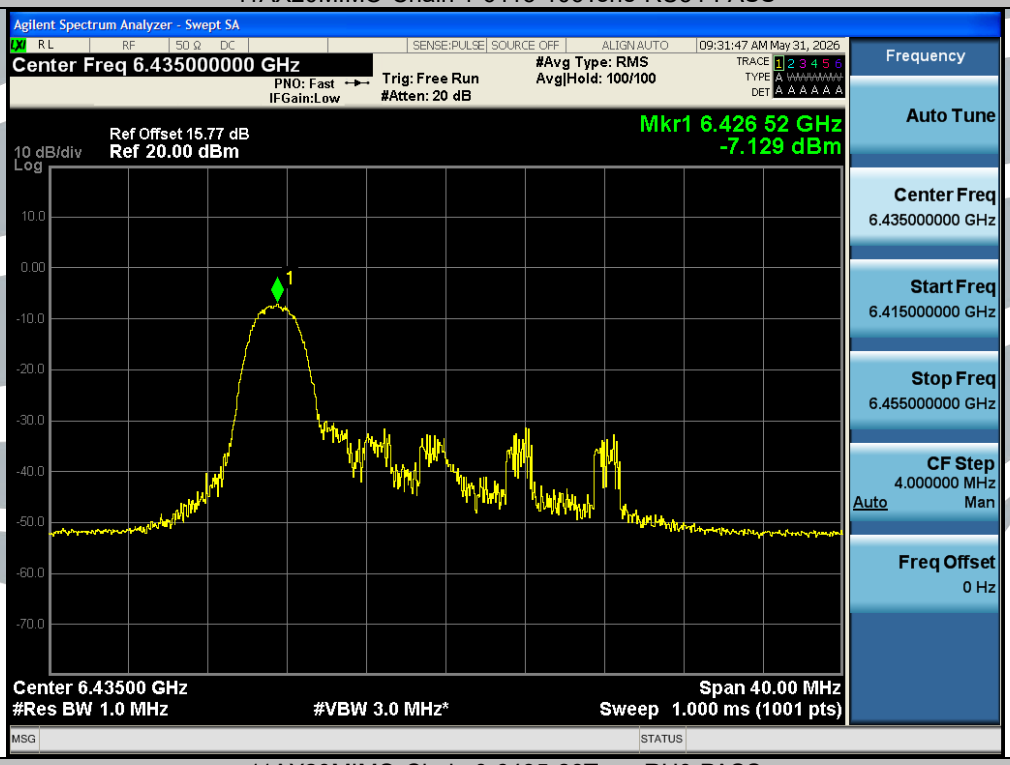


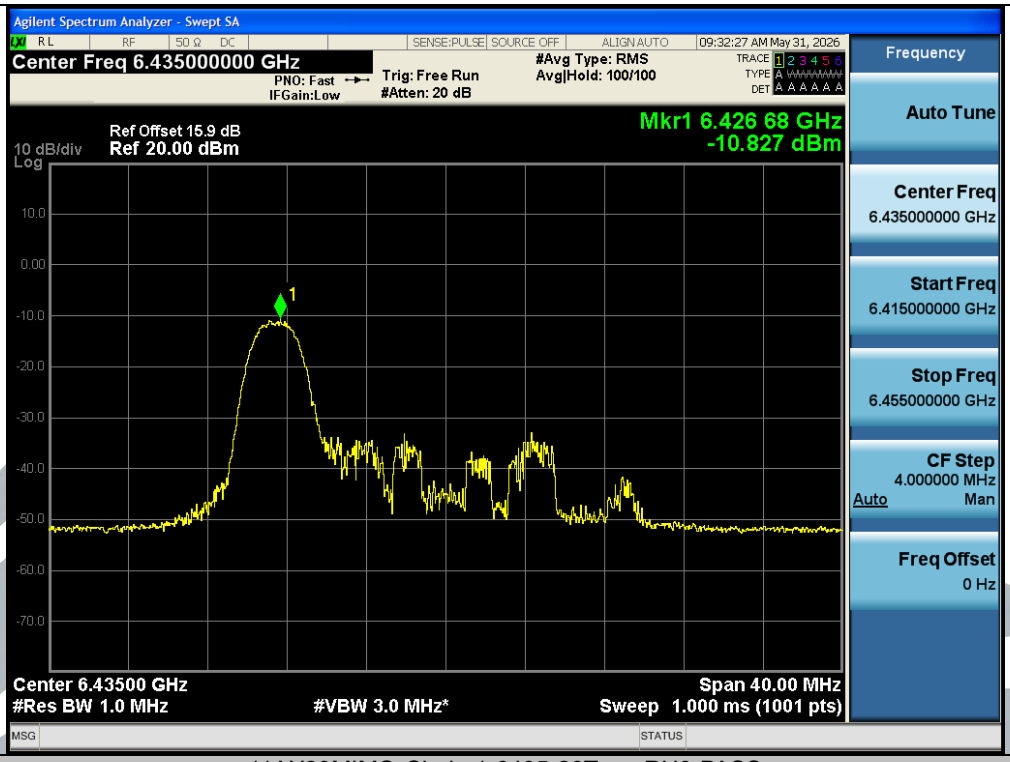
11AX20MIMO-Chain 0-6415-106Tone-RU54-PASS



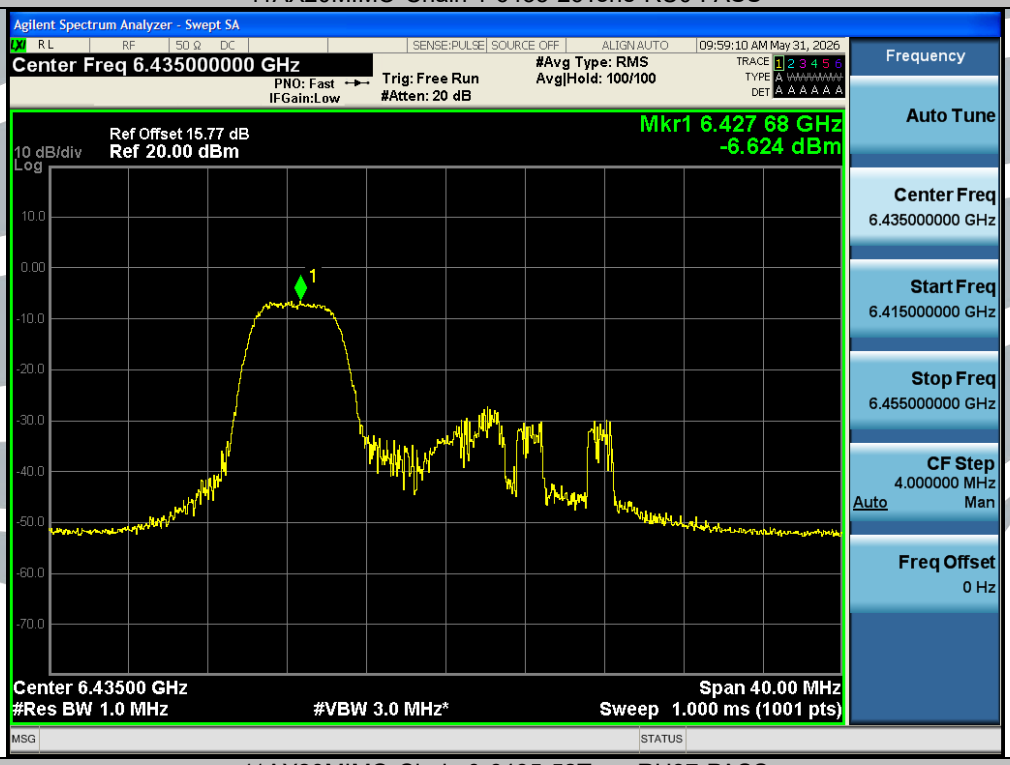
11AX20MIMO-Chain 1-6415-106Tone-RU54-PASS



11AX20MIMO-Chain 0-6435-26Tone-RU0-PASS

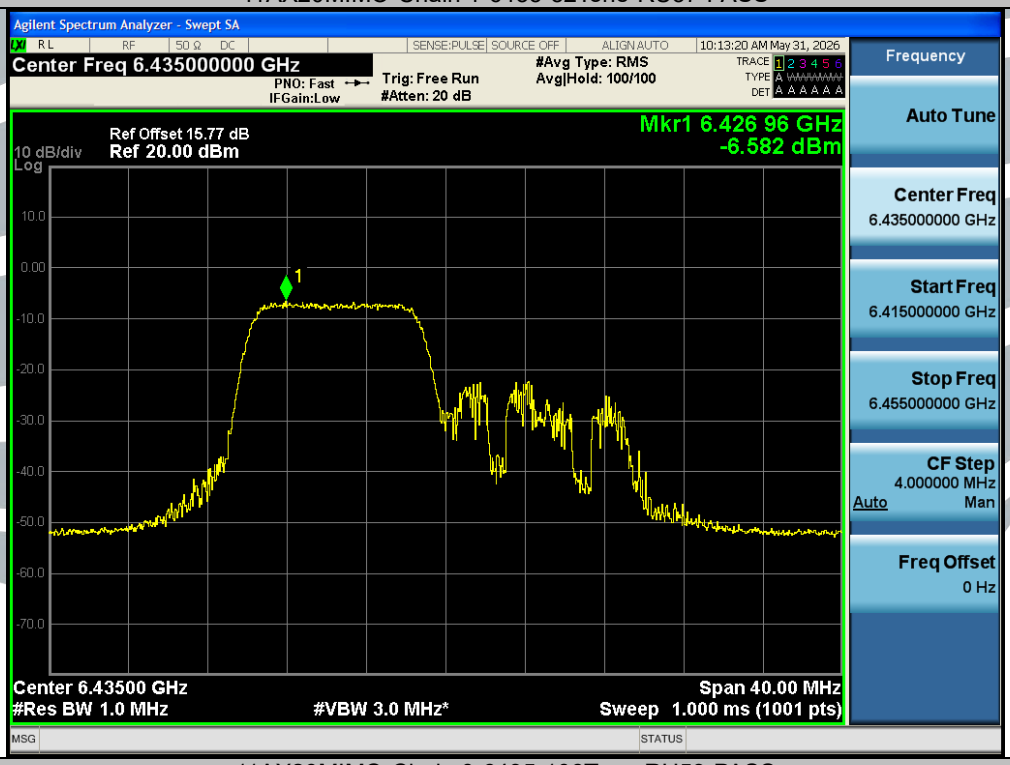


11AX20MIMO-Chain 1-6435-26Tone-RU0-PASS



11AX20MIMO-Chain 0-6435-52Tone-RU37-PASS

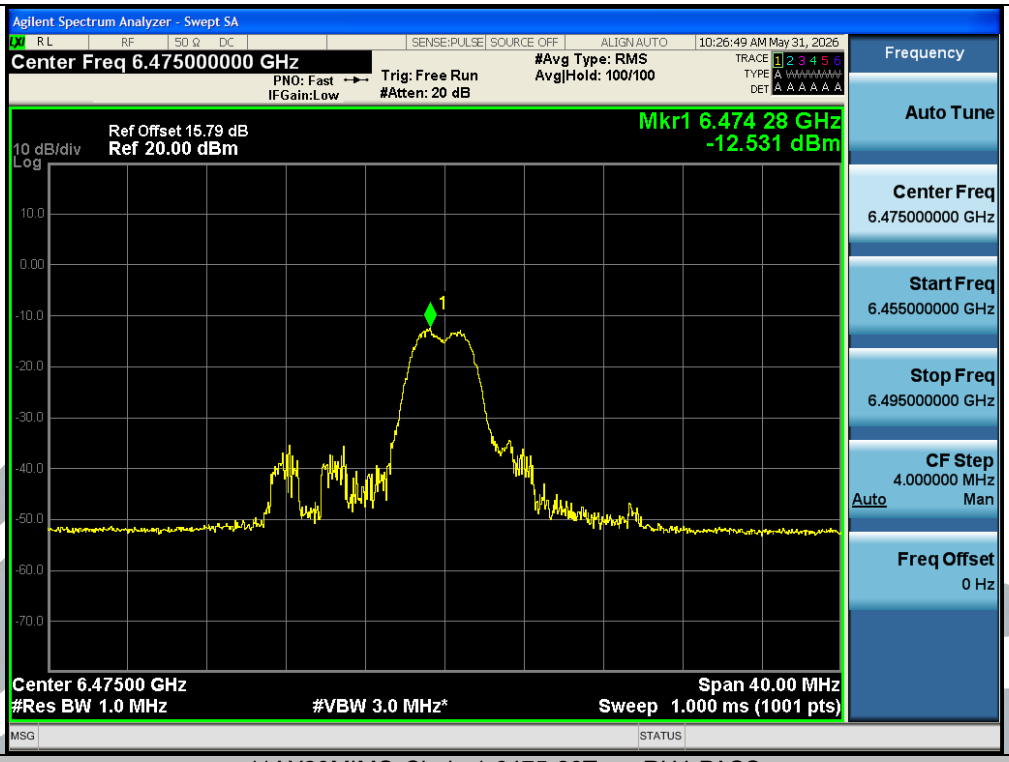
11AX20MIMO-Chain 1-6435-52Tone-RU37-PASS



11AX20MIMO-Chain 0-6435-106Tone-RU53-PASS

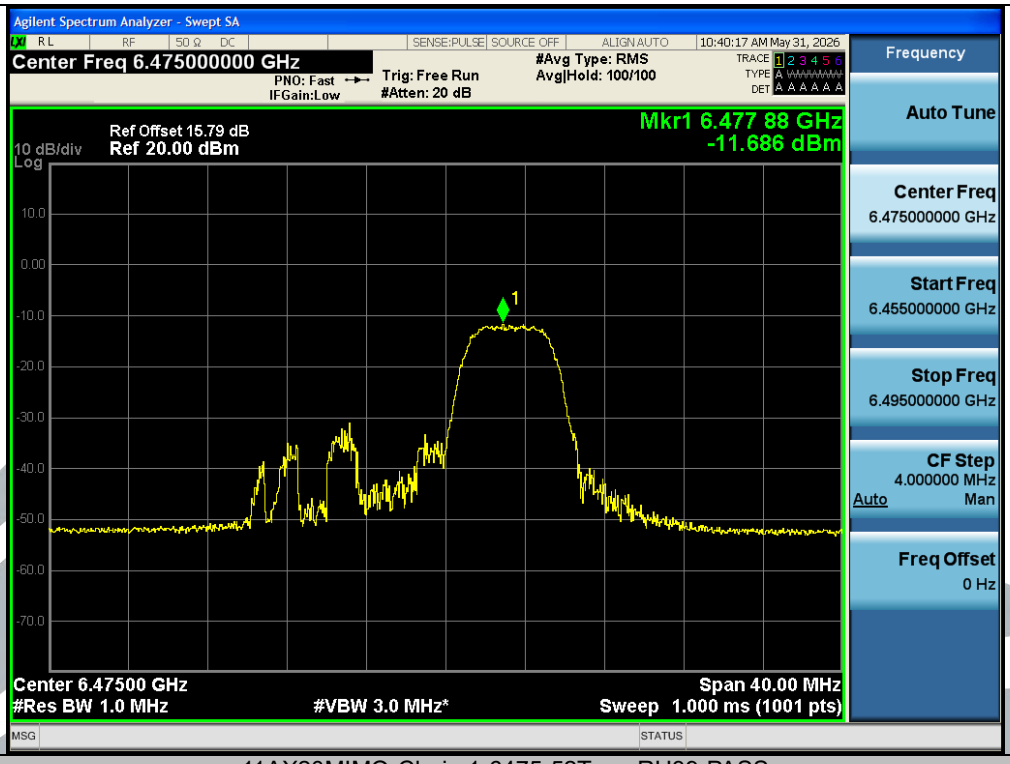
11AX20MIMO-Chain 1-6435-106Tone-RU53-PASS

11AX20MIMO-Chain 0-6475-26Tone-RU4-PASS



11AX20MIMO-Chain 1-6475-26Tone-RU4-PASS

11AX20MIMO-Chain 0-6475-52Tone-RU39-PASS



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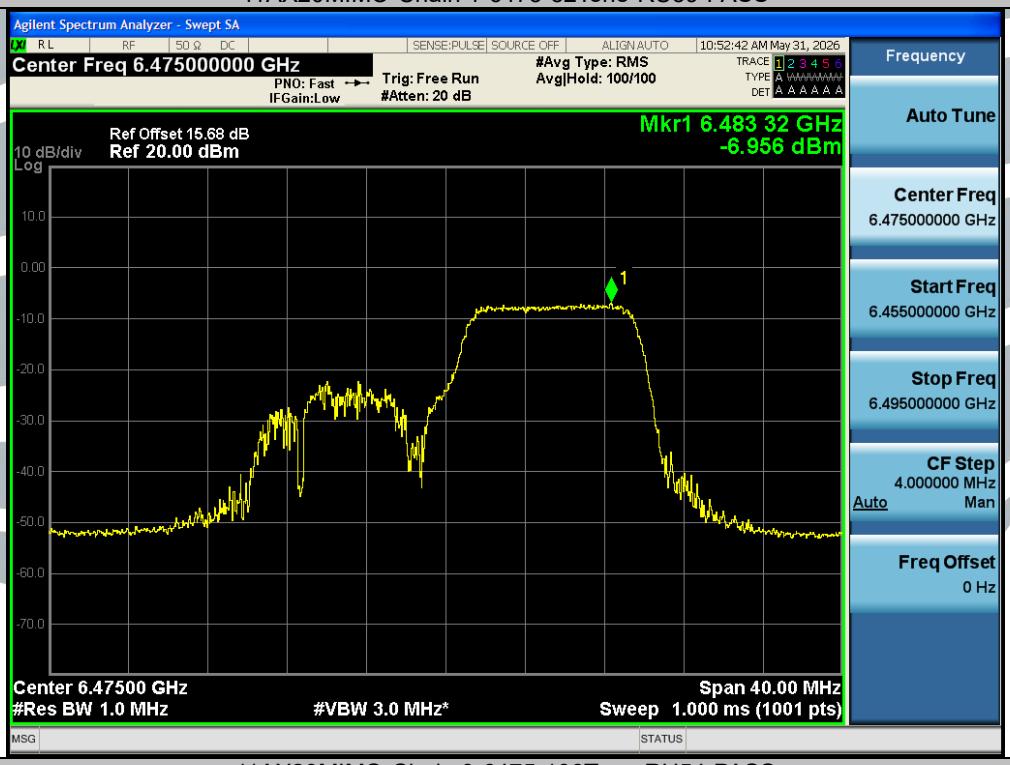
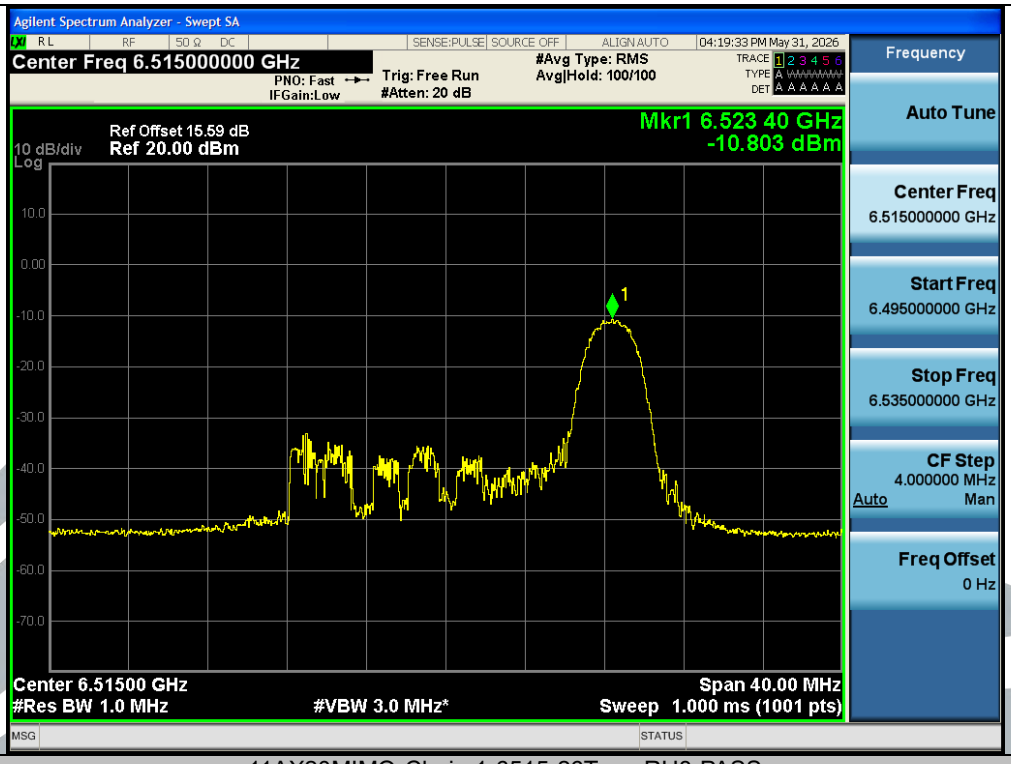


11AX20MIMO-Chain 0-6475-106Tone-RU54-PASS

11AX20MIMO-Chain 1-6475-106Tone-RU54-PASS

11AX20MIMO-Chain 0-6515-26Tone-RU8-PASS



11AX20MIMO-Chain 1-6515-26Tone-RU8-PASS

11AX20MIMO-Chain 0-6515-52Tone-RU40-PASS

11AX20MIMO-Chain 1-6515-52Tone-RU40-PASS

11AX20MIMO-Chain 0-6515-106Tone-RU54-PASS

11AX20MIMO-Chain 1-6515-106Tone-RU54-PASS

11AX20MIMO-Chain 0-6535-26Tone-RU0-PASS

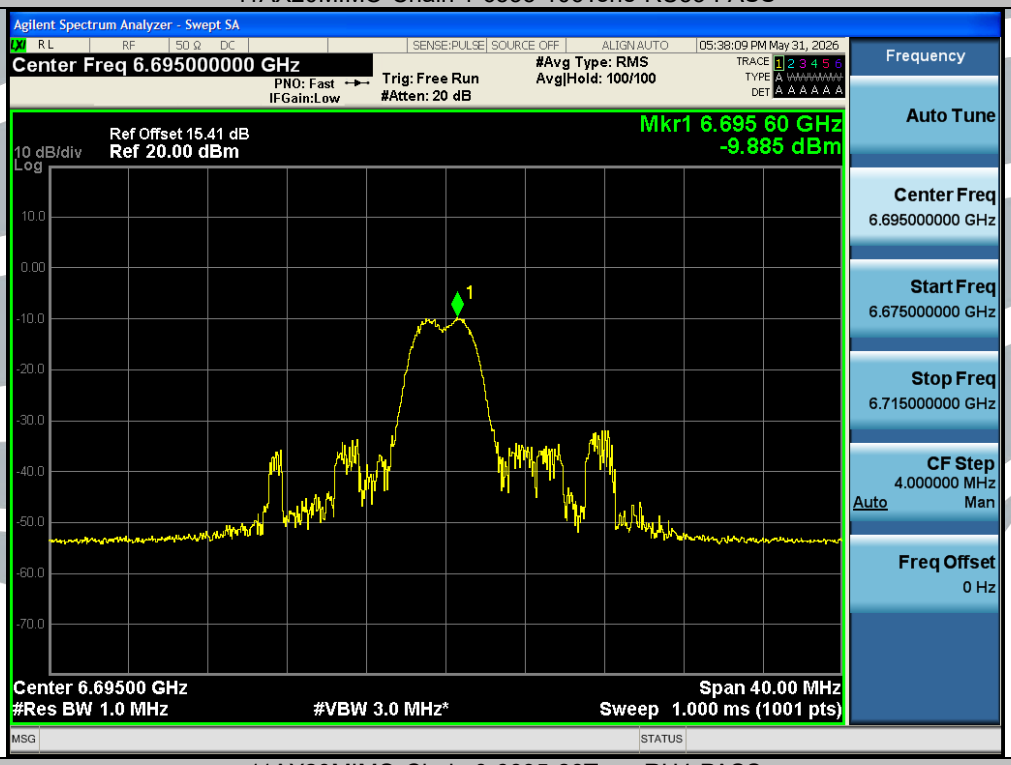
11AX20MIMO-Chain 1-6535-26Tone-RU0-PASS

11AX20MIMO-Chain 0-6535-52Tone-RU37-PASS

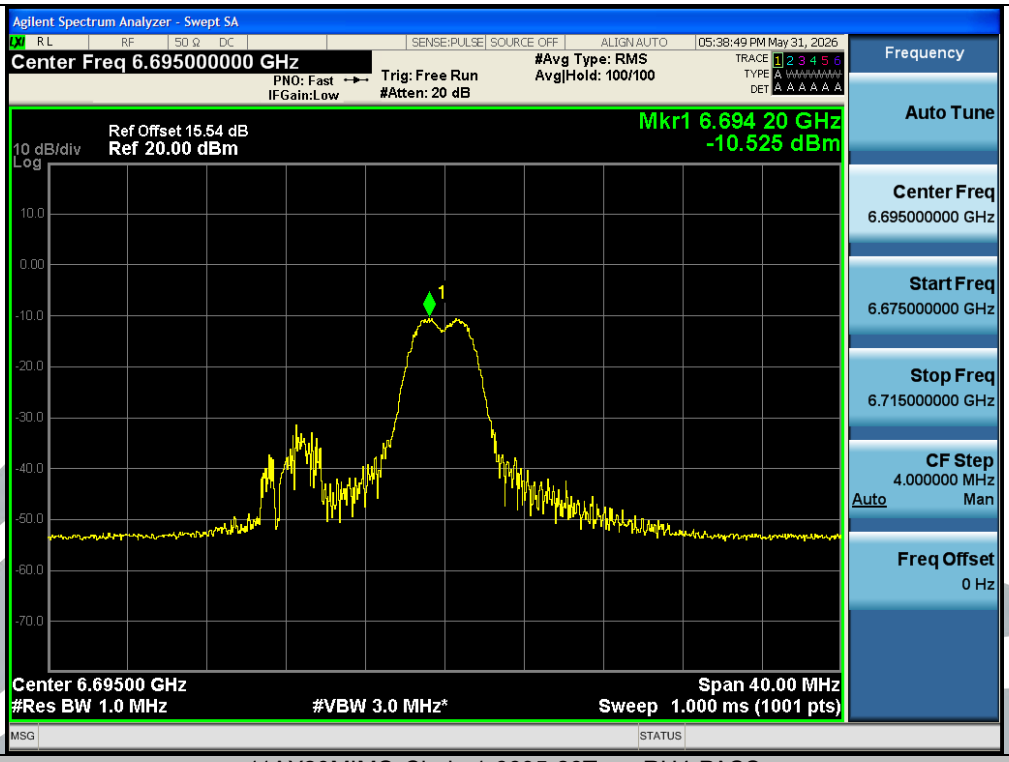
11AX20MIMO-Chain 1-6535-52Tone-RU37-PASS

11AX20MIMO-Chain 0-6535-106Tone-RU53-PASS

11AX20MIMO-Chain 1-6535-106Tone-RU53-PASS

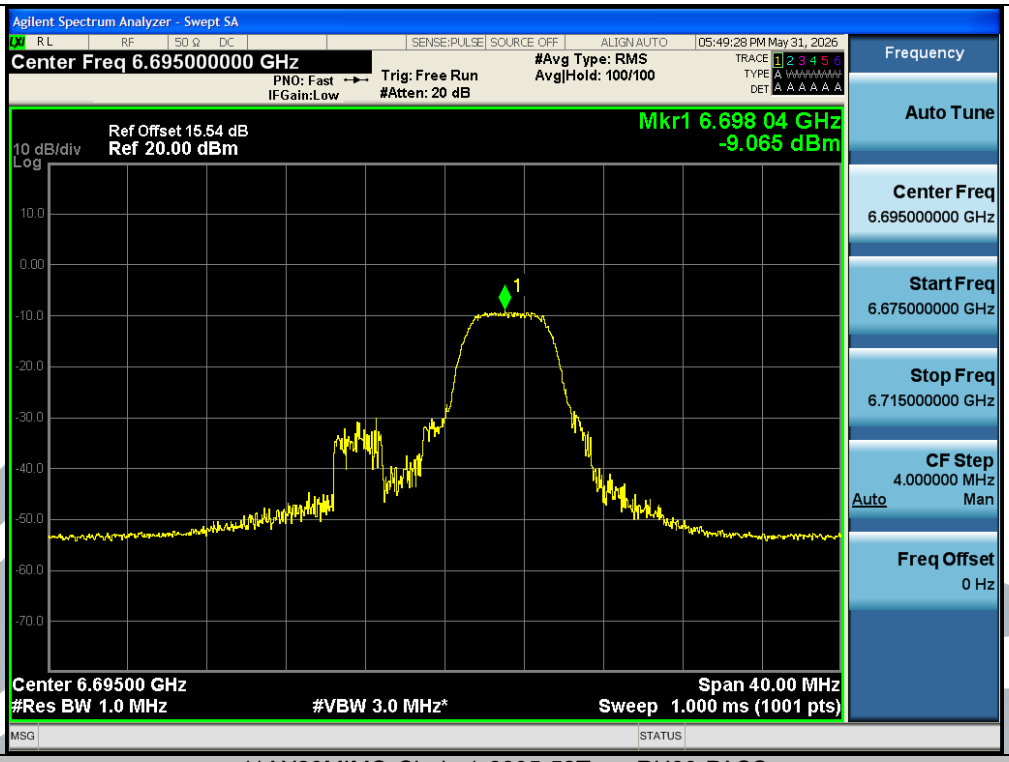


11AX20MIMO-Chain 0-6695-26Tone-RU4-PASS

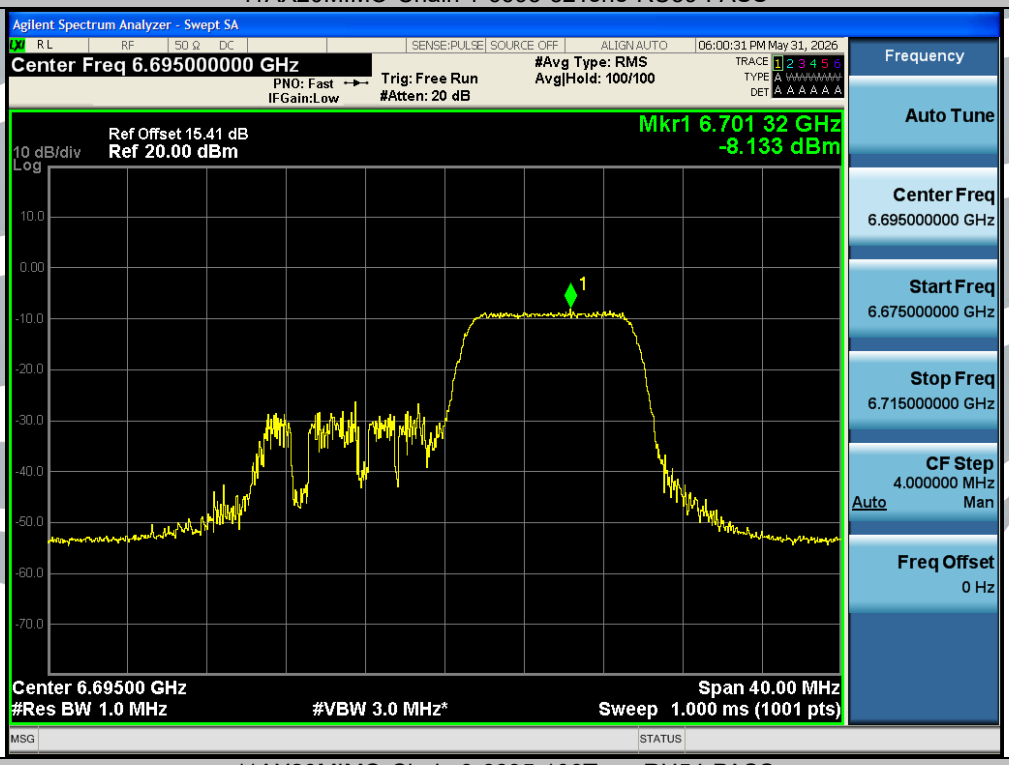


11AX20MIMO-Chain 1-6695-26Tone-RU4-PASS

11AX20MIMO-Chain 0-6695-52Tone-RU39-PASS

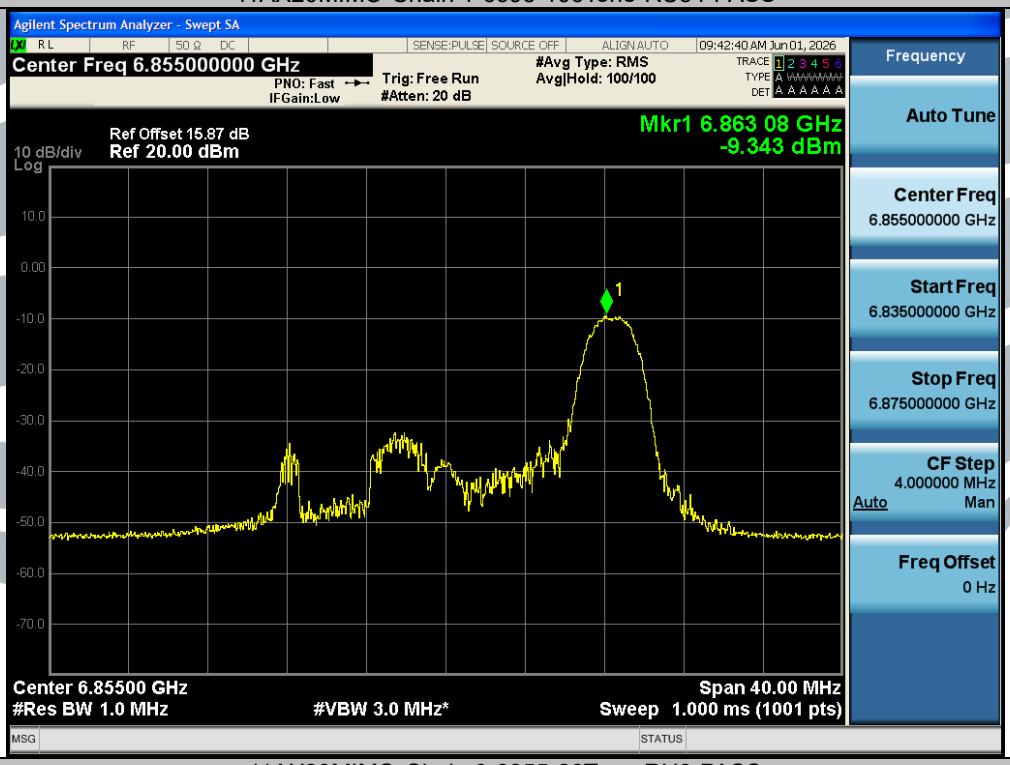


11AX20MIMO-Chain 1-6695-52Tone-RU39-PASS

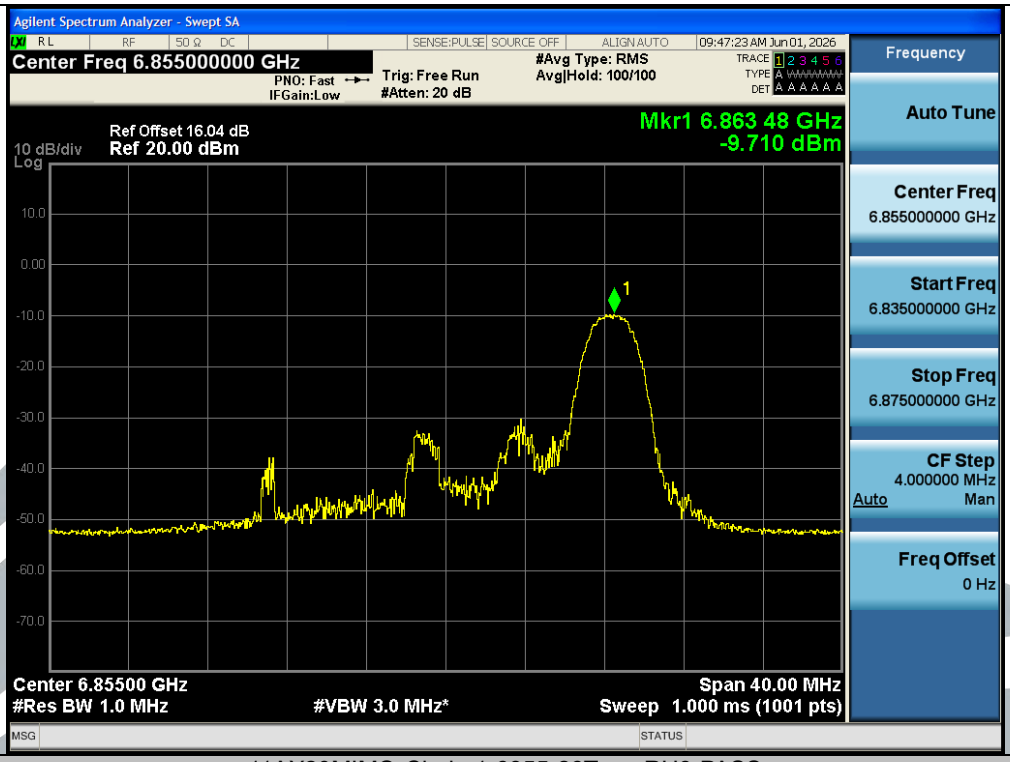


11AX20MIMO-Chain 0-6695-106Tone-RU54-PASS

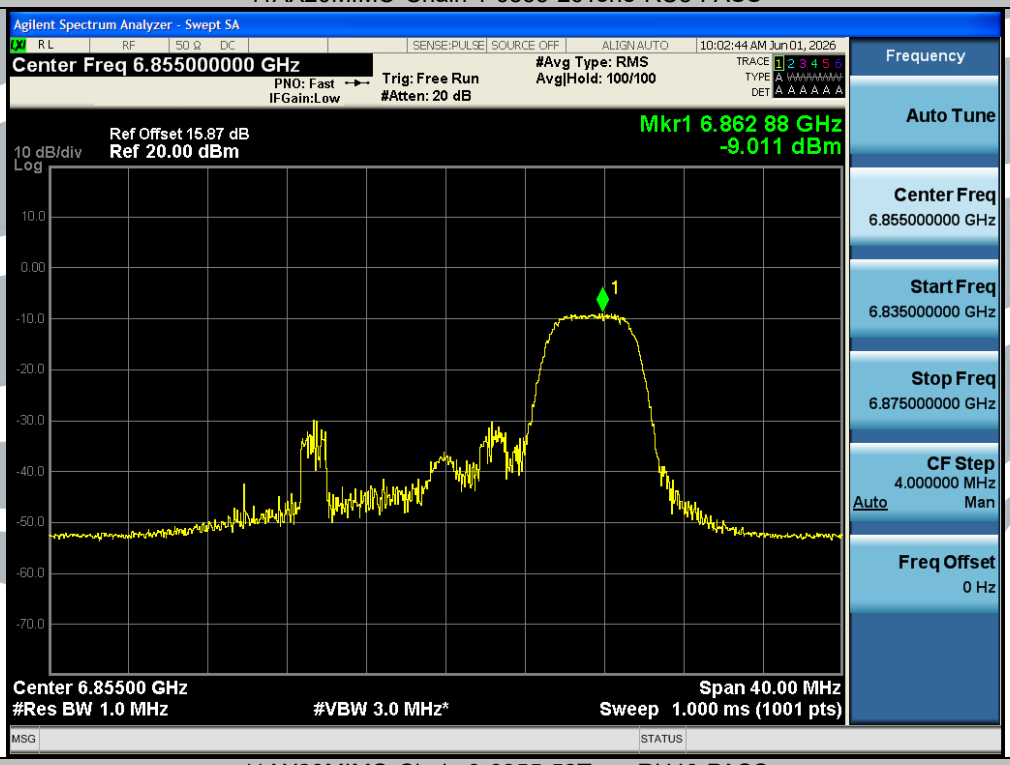
11AX20MIMO-Chain 1-6695-106Tone-RU54-PASS



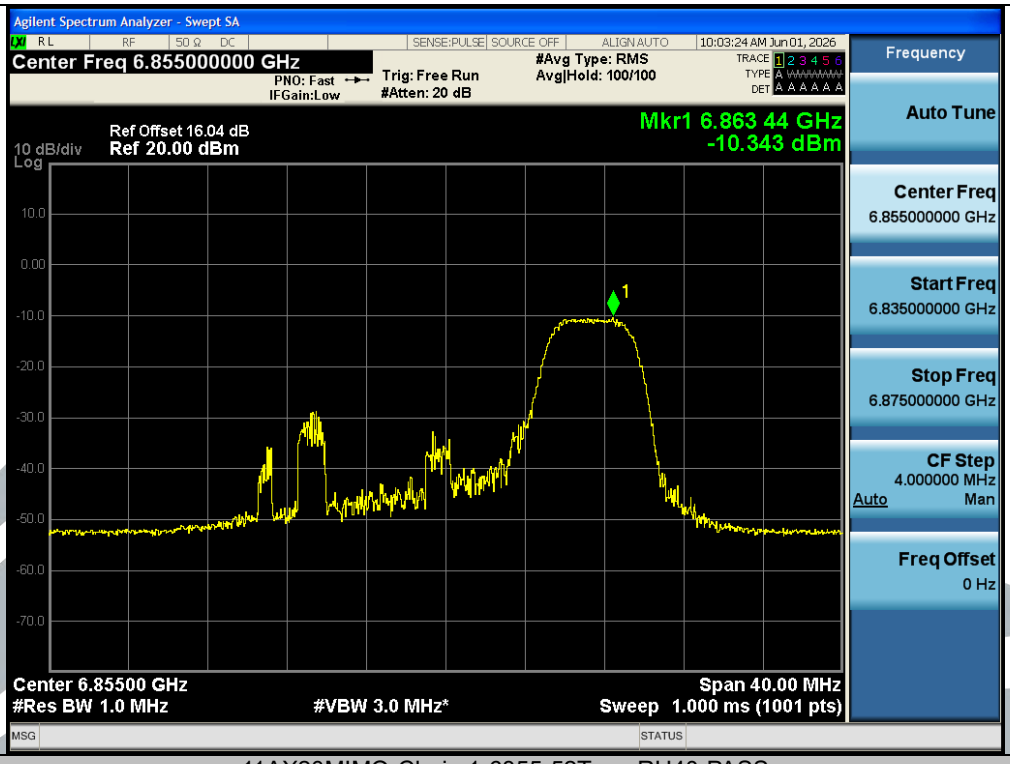
11AX20MIMO-Chain 0-6855-26Tone-RU8-PASS



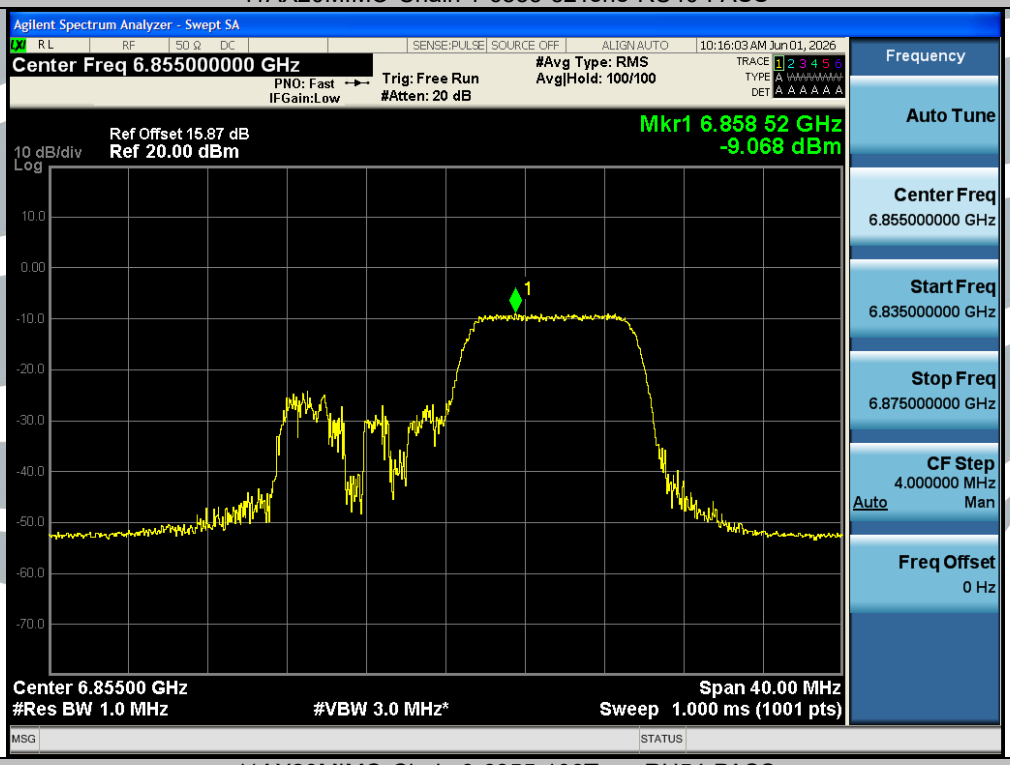
11AX20MIMO-Chain 1-6855-26Tone-RU8-PASS



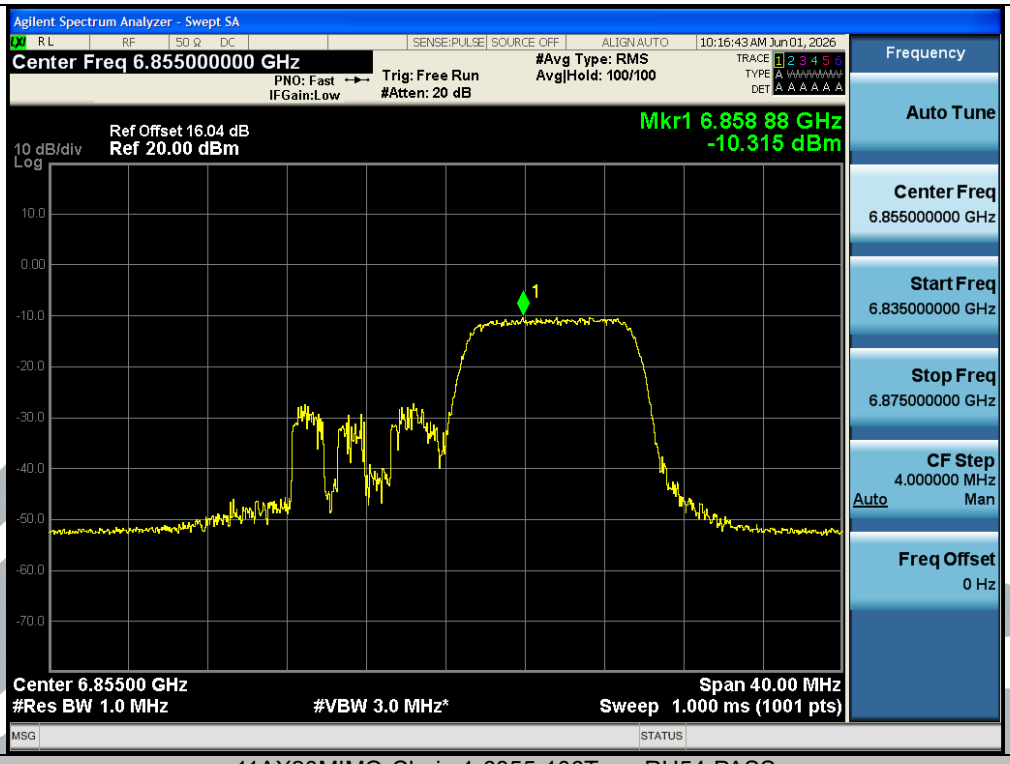
11AX20MIMO-Chain 0-6855-52Tone-RU40-PASS



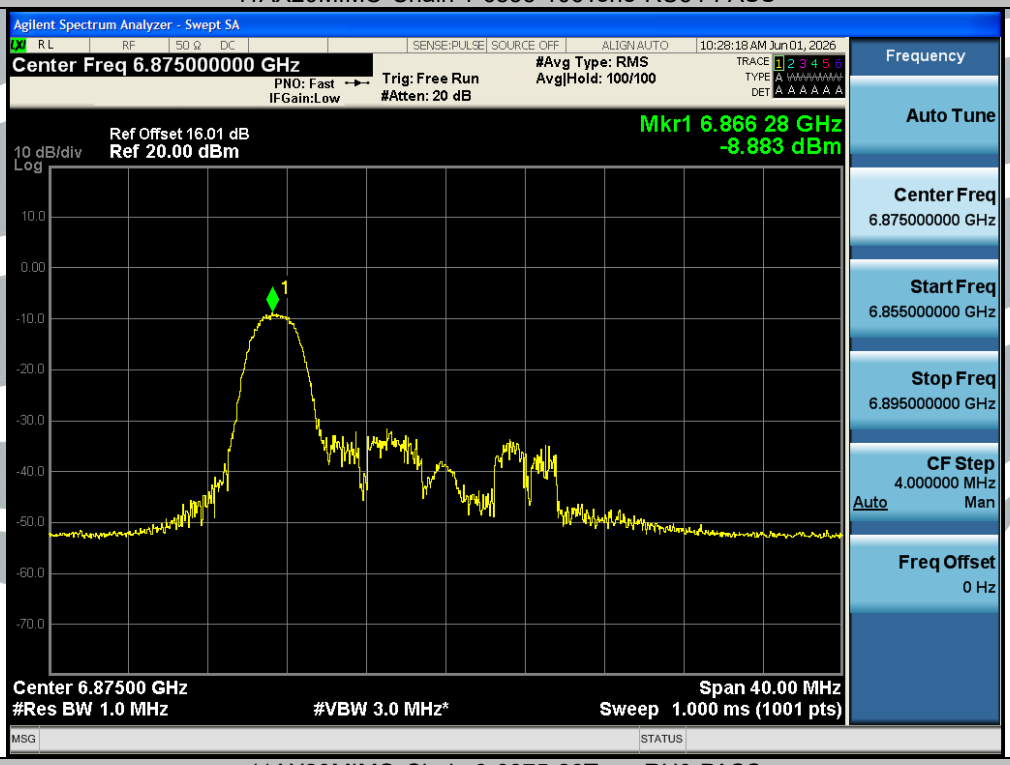
11AX20MIMO-Chain 1-6855-52Tone-RU40-PASS



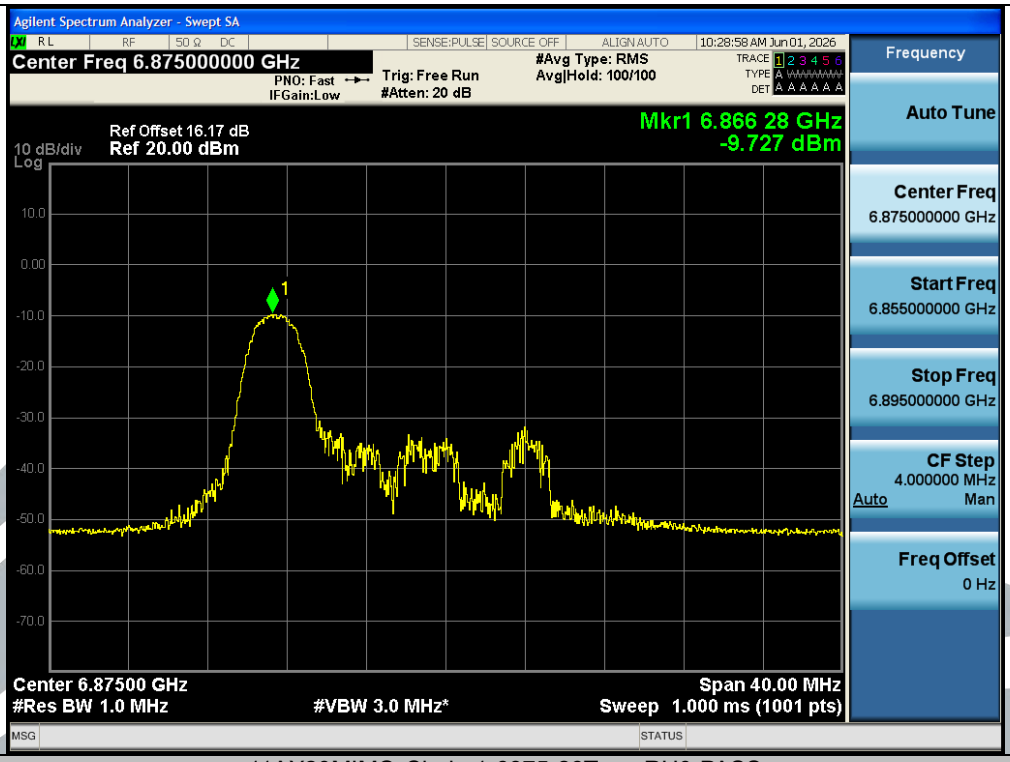
11AX20MIMO-Chain 0-6855-106Tone-RU54-PASS



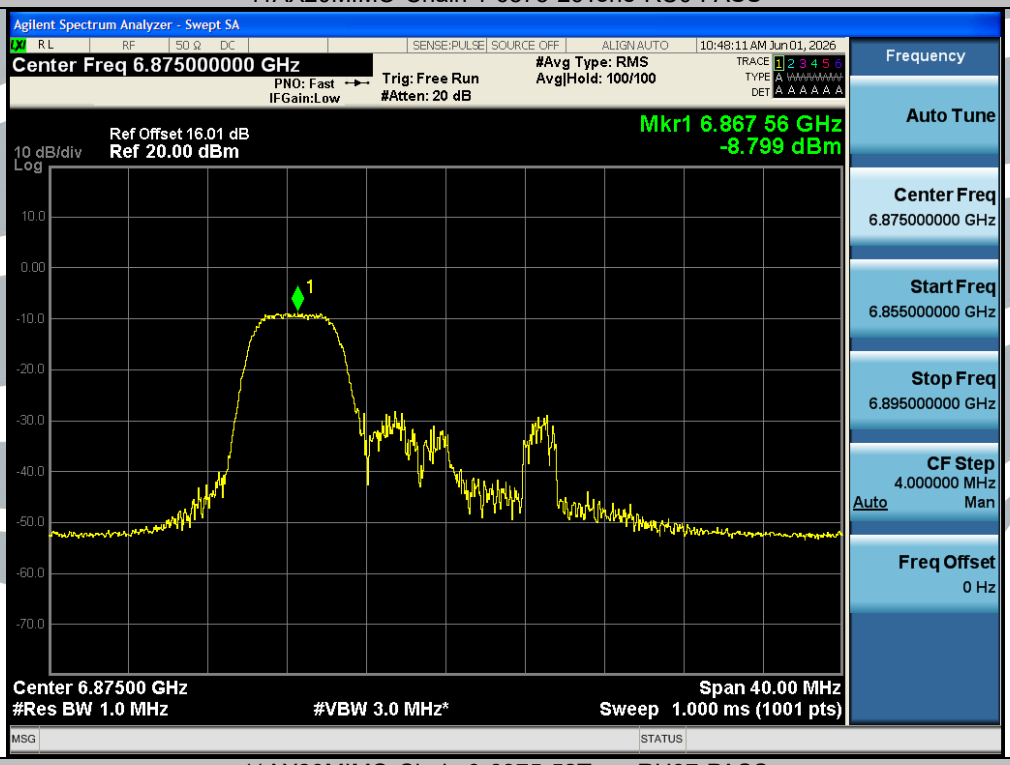
11AX20MIMO-Chain 1-6855-106Tone-RU54-PASS



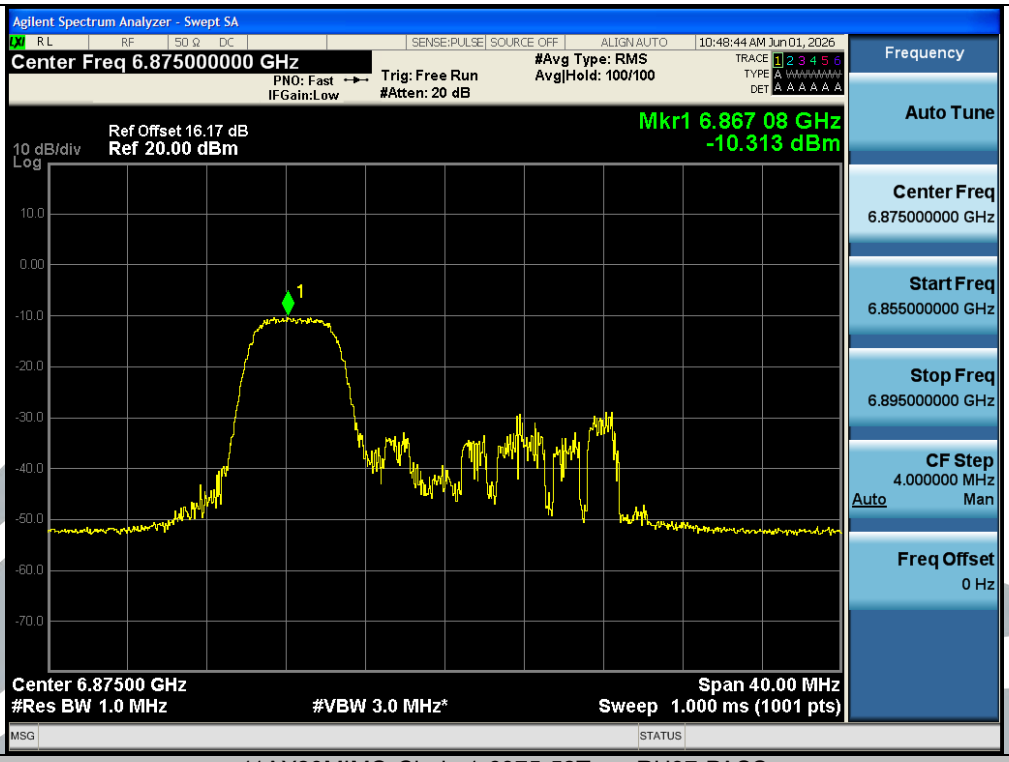
11AX20MIMO-Chain 0-6875-26Tone-RU0-PASS



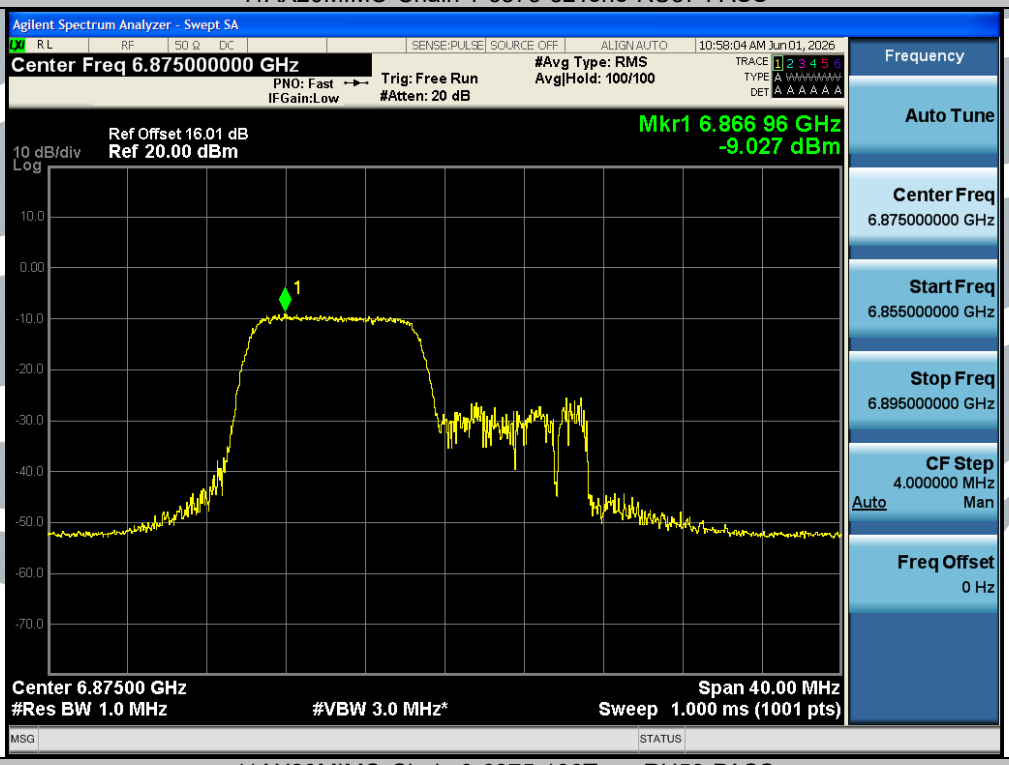
11AX20MIMO-Chain 1-6875-26Tone-RU0-PASS



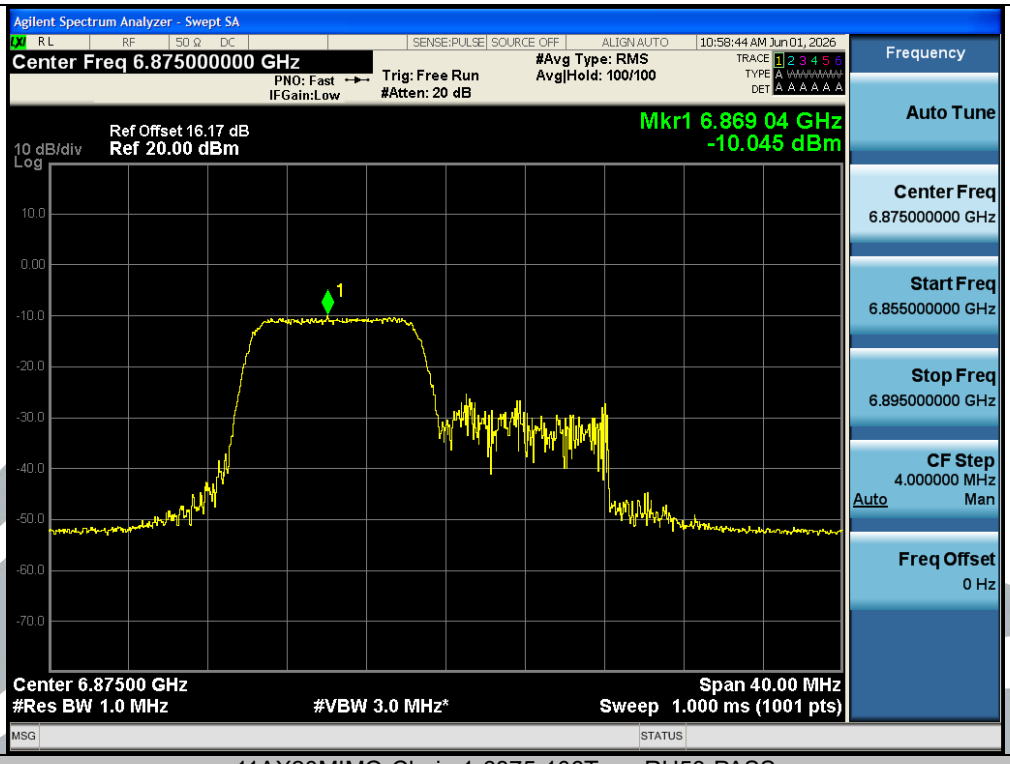
11AX20MIMO-Chain 0-6875-52Tone-RU37-PASS



11AX20MIMO-Chain 1-6875-52Tone-RU37-PASS

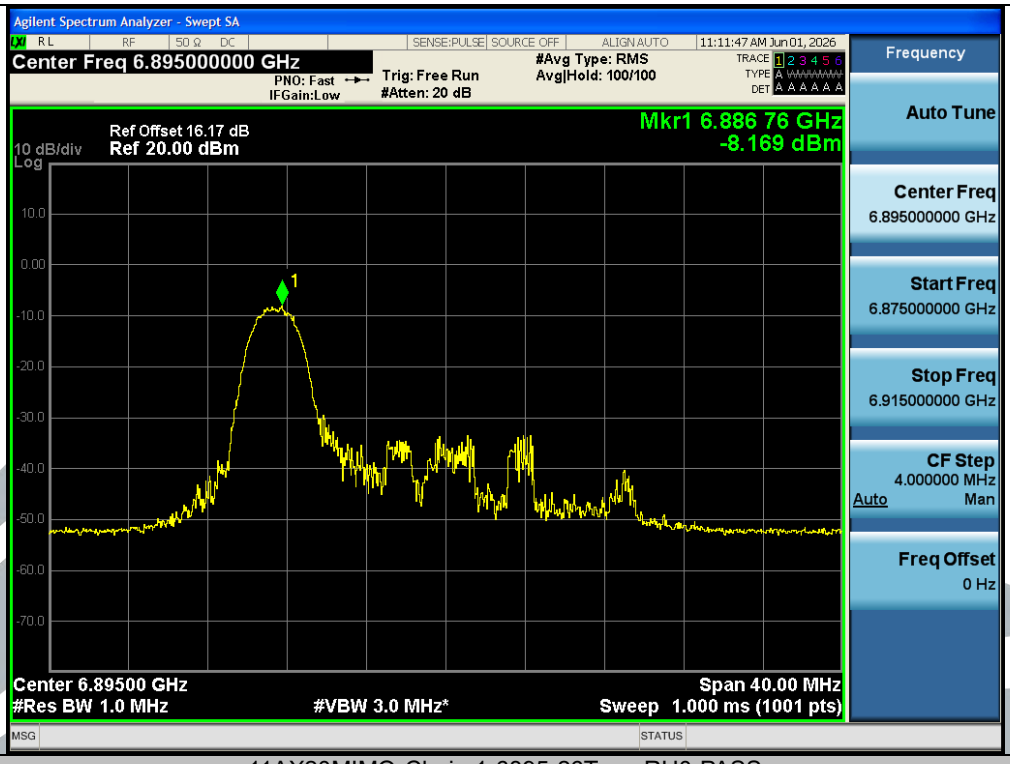


11AX20MIMO-Chain 0-6875-106Tone-RU53-PASS



11AX20MIMO-Chain 1-6875-106Tone-RU53-PASS

11AX20MIMO-Chain 0-6895-26Tone-RU0-PASS



11AX20MIMO-Chain 1-6895-26Tone-RU0-PASS

11AX20MIMO-Chain 0-6895-52Tone-RU37-PASS

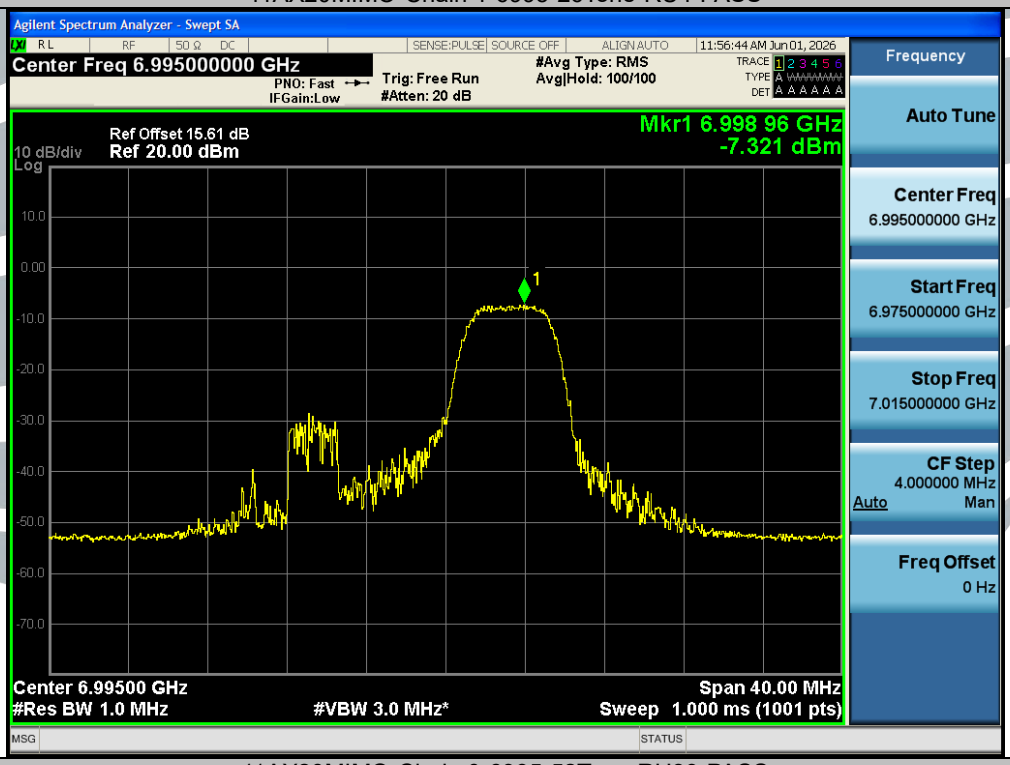
11AX20MIMO-Chain 1-6895-52Tone-RU37-PASS

11AX20MIMO-Chain 0-6895-106Tone-RU53-PASS

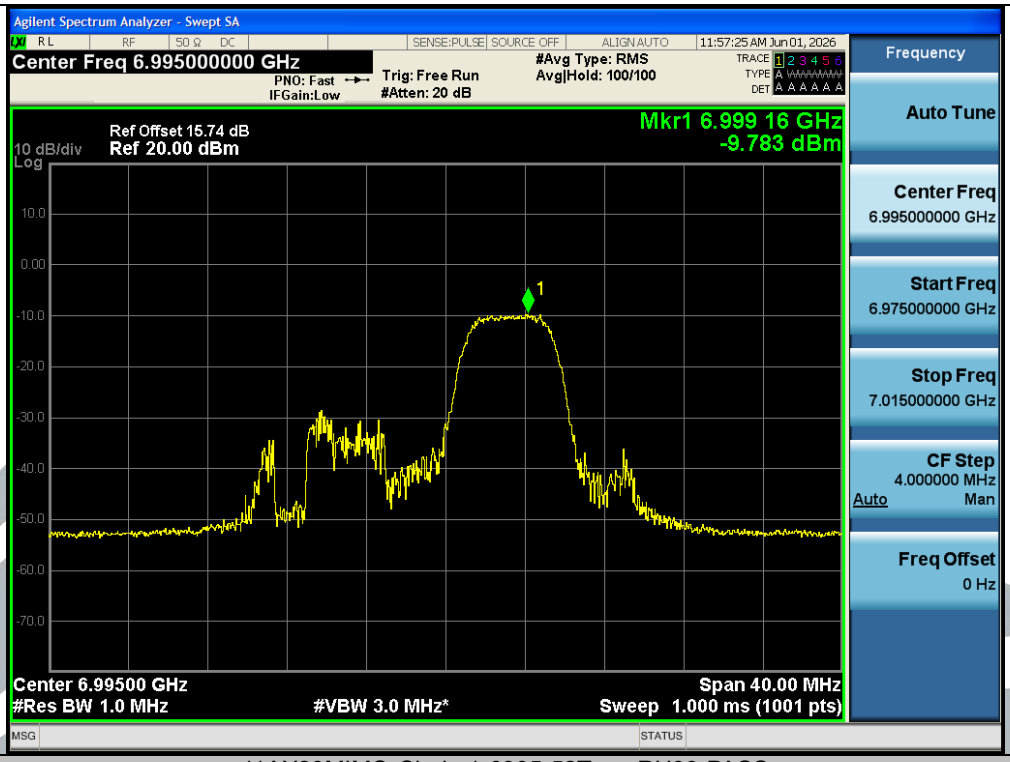
11AX20MIMO-Chain 1-6895-106Tone-RU53-PASS

11AX20MIMO-Chain 0-6995-26Tone-RU4-PASS

11AX20MIMO-Chain 1-6995-26Tone-RU4-PASS



11AX20MIMO-Chain 0-6995-52Tone-RU39-PASS

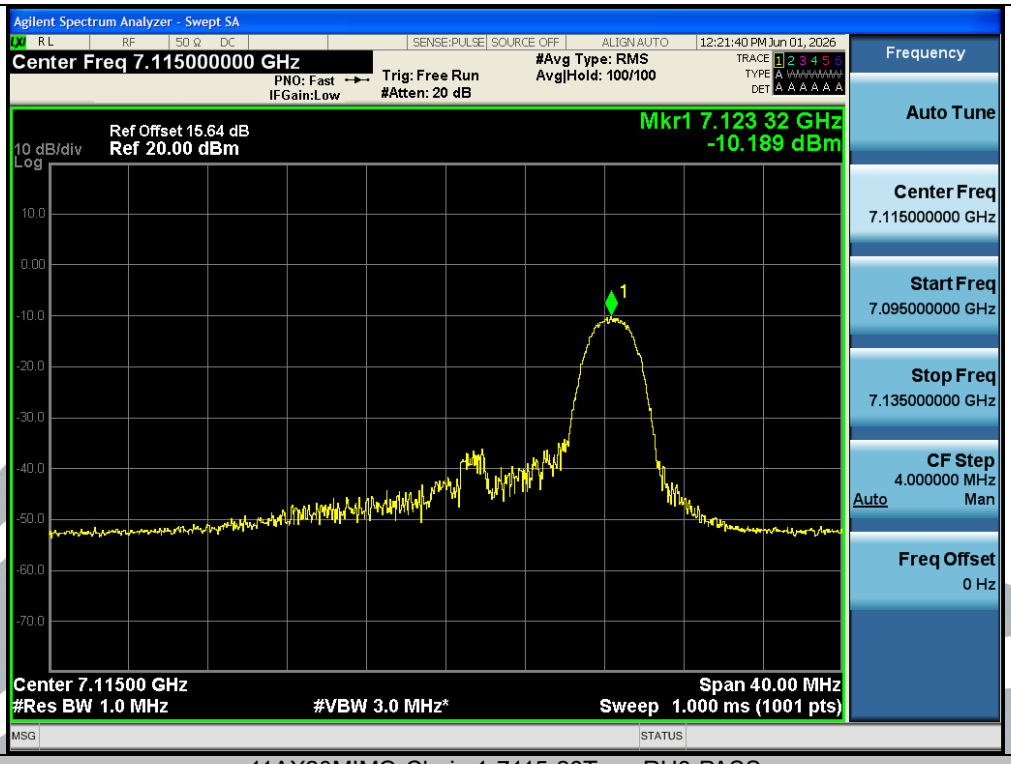


11AX20MIMO-Chain 1-6995-52Tone-RU39-PASS

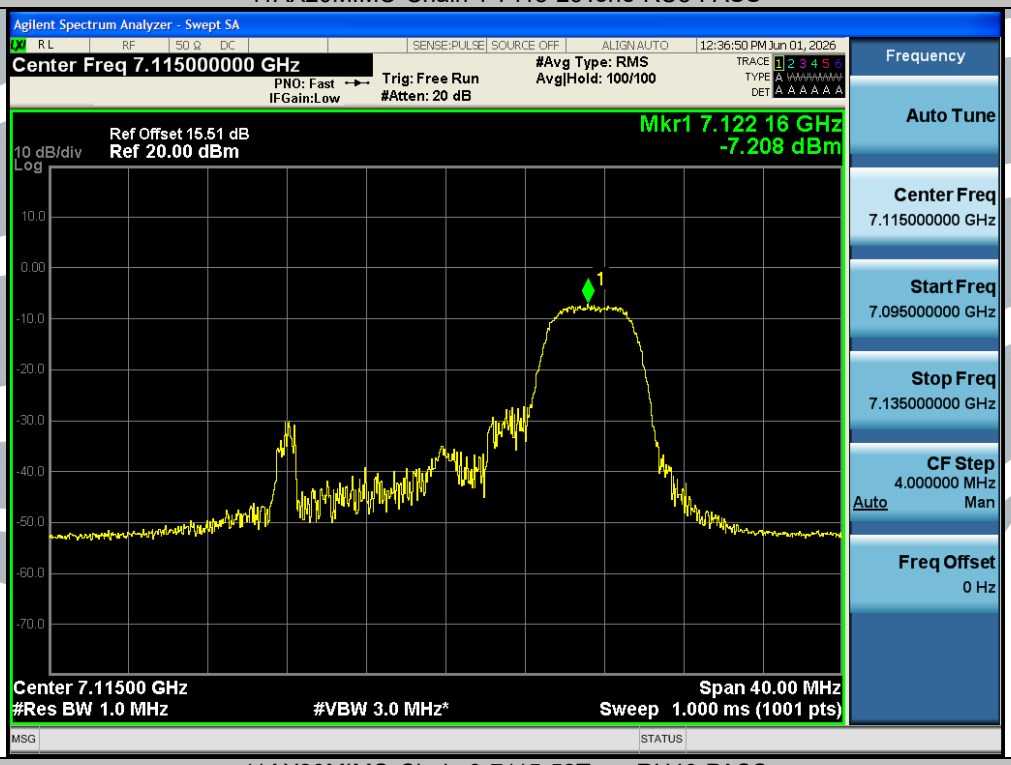
11AX20MIMO-Chain 0-6995-106Tone-RU54-PASS

11AX20MIMO-Chain 1-6995-106Tone-RU54-PASS

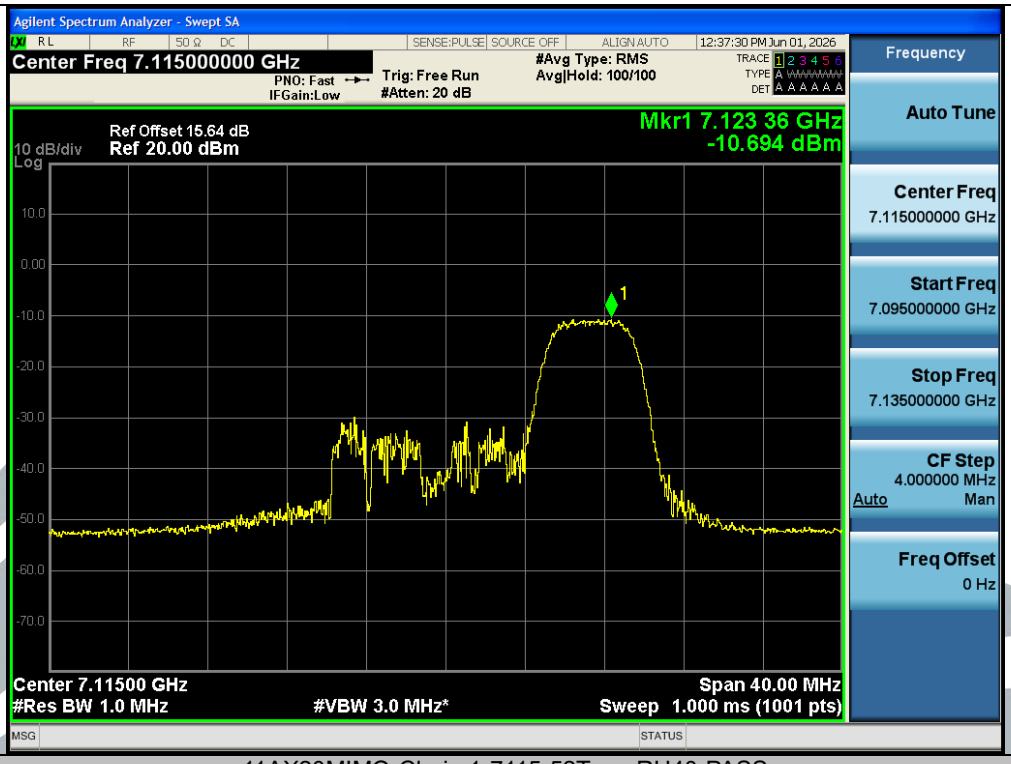
11AX20MIMO-Chain 0-7115-26Tone-RU8-PASS



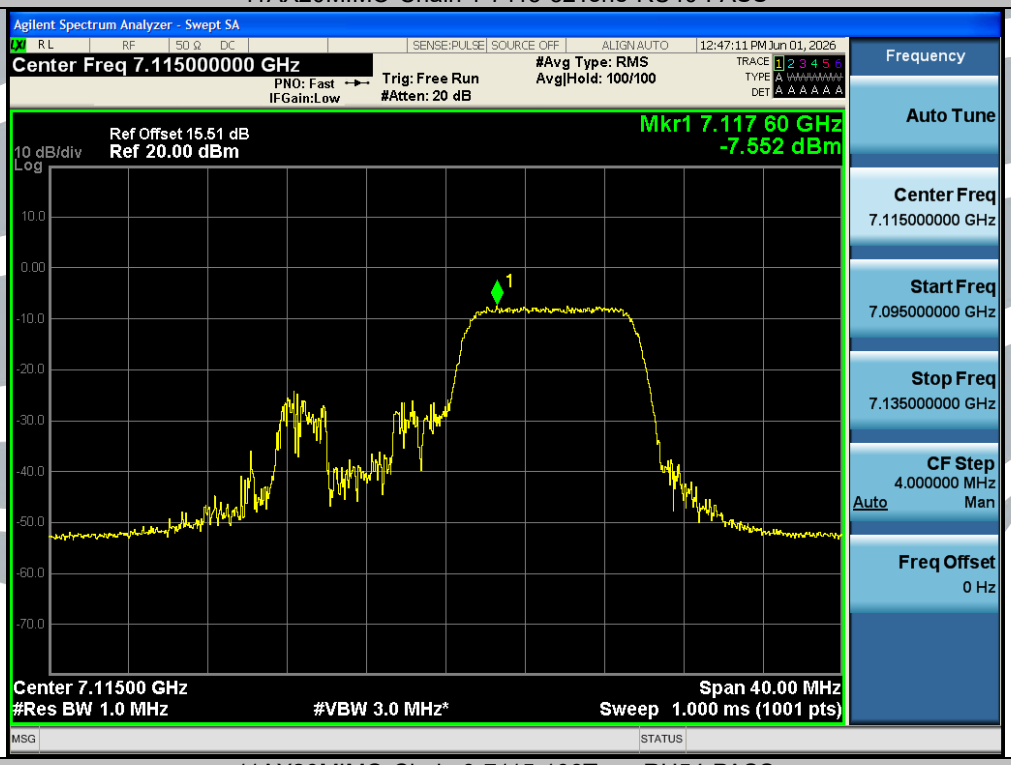
11AX20MIMO-Chain 1-7115-26Tone-RU8-PASS



11AX20MIMO-Chain 0-7115-52Tone-RU40-PASS



11AX20MIMO-Chain 1-7115-52Tone-RU40-PASS



11AX20MIMO-Chain 0-7115-106Tone-RU54-PASS

11AX20MIMO-Chain 1-7115-106Tone-RU54-PASS

5.7 IN-BAND EMISSIONS (CHANNEL MASK)

Test Requirement: FCC 47 CFR Part 15 Subpart E Section 15.407 b(7)

Test Method: KDB 987594 D02 v02r01 Section II. J

Limits:

For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

Test Procedure:

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
   a) Set the span to encompass the entire 26 dB EBW of the signal.
   b) Set RBW = same RBW used for 26 dB EBW measurement.
   c) Set VBW ≥ 3 X RBW
   d) Number of points in sweep ≥ [2 X span / RBW].
   e) Sweep time = auto.
   f) Detector = RMS (i.e., power averaging)
   g) Trace average at least 100 traces in power averaging (rms) mode.
   h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW or 99% of the occupied bandwidth.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
   a) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
   b) Suppressed by 28 dB at one channel bandwidth from the channel center.
   c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.