9.5. SPURIOUS EMISSIONS IN-BAND – EMISSION MASK (LP)

LIMITS

FCC §15.407

(b)(7) 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

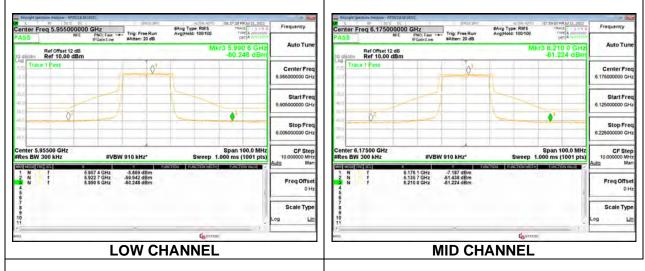
Follow KCB 987594 D02 v01r01, Section II-J, RBW & VBW settings were based on 26dB bandwidth test settings. For RU26 tone for all bandwidths, the RBW & VBW settings were used equal or greater than 26dB bandwidth test settings.

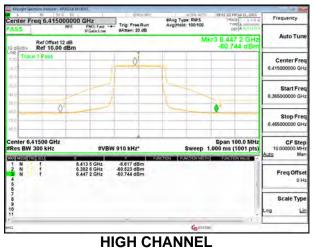
RESULTS

DATE: 8/26/2023

9.5.1. 802.11ax HE20 MODE IN THE UNII-5 BAND

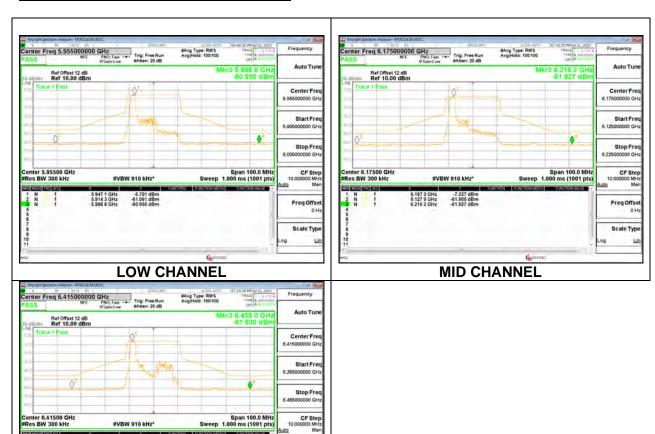
1TX Antenna 6 MODE: SU, Single User





-6.305 dBm -61.176 dBm -61.630 dBm

HIGH CHANNEL



Freq Offse



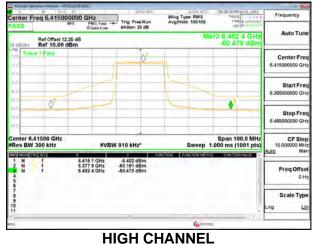






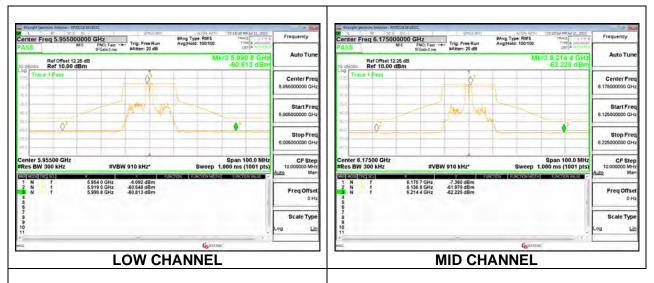
1TX Antenna 5 MODE: SU, Single User



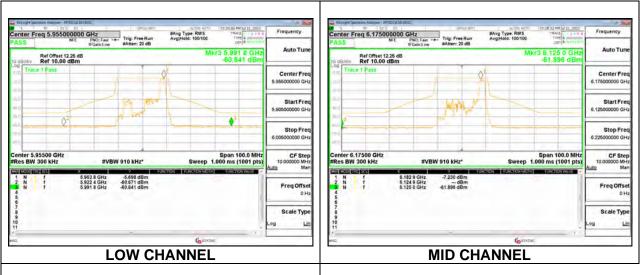








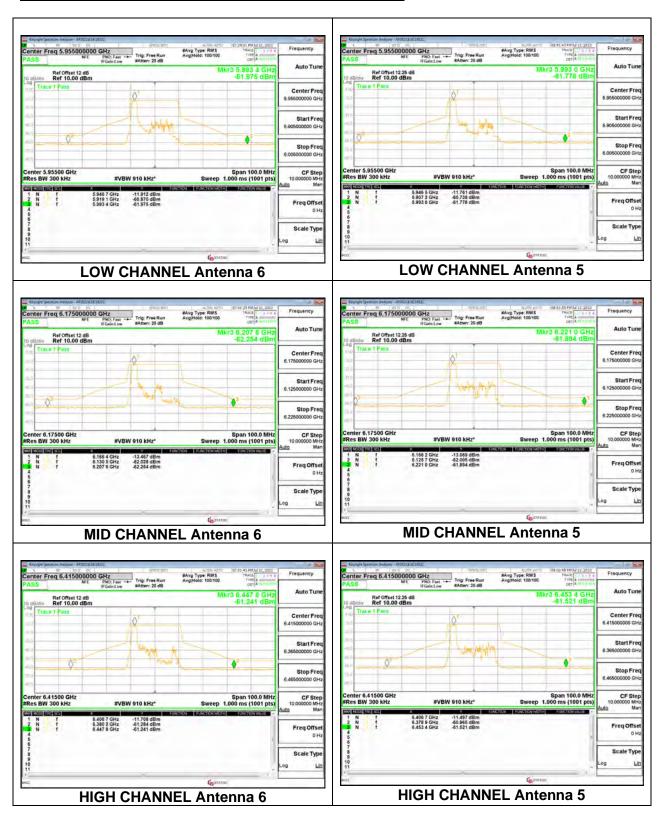


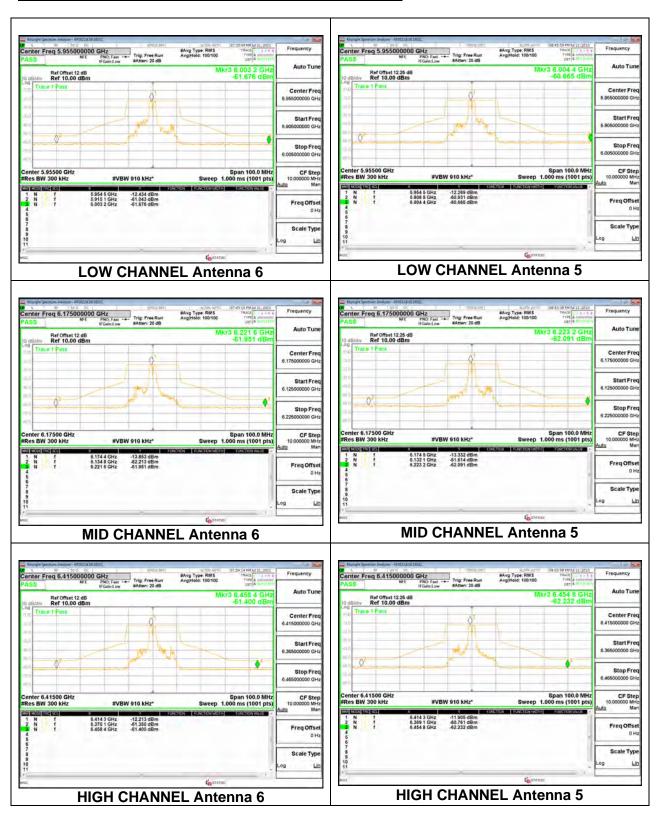


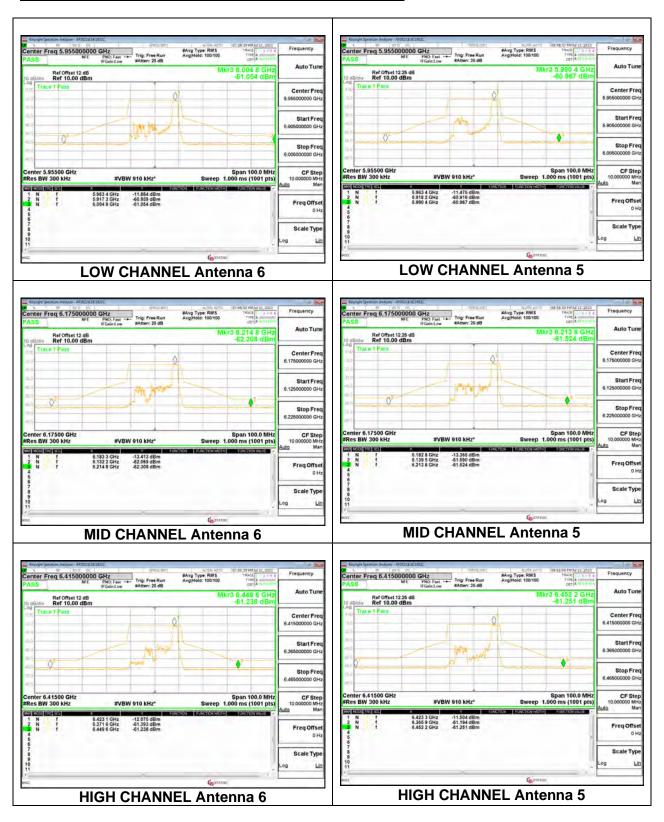


2TX Antenna 6 + Antenna 5 CDD MODE: SU, Single User

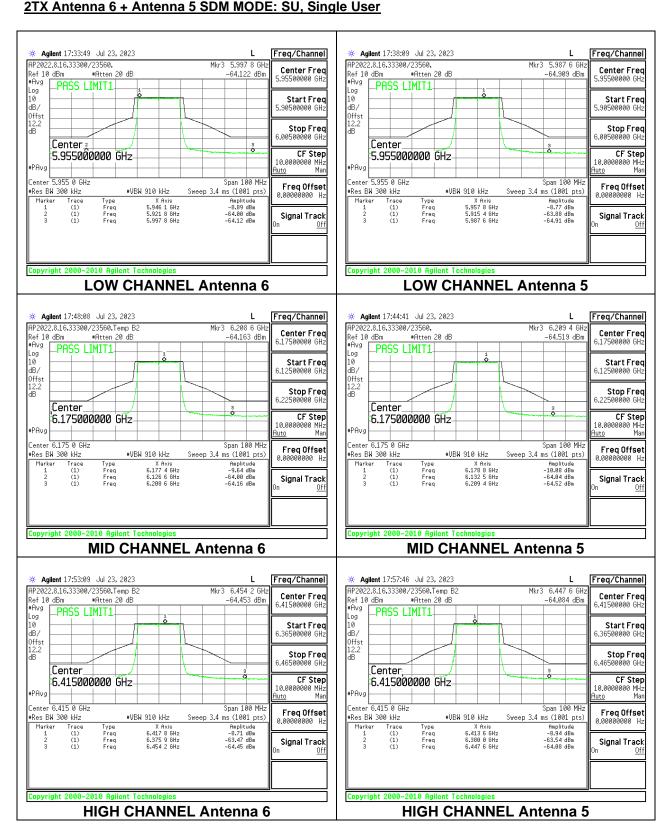


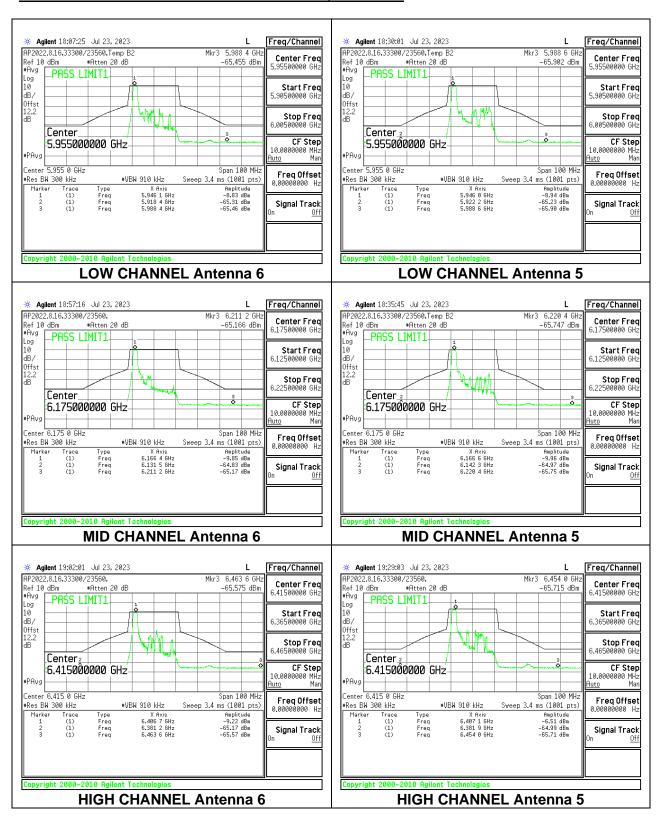




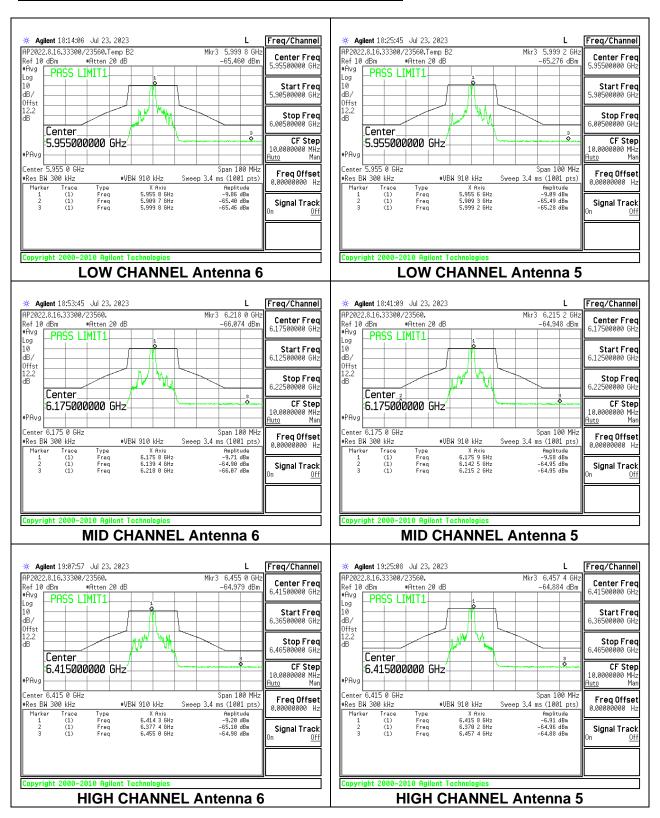


OTV Antonno C., Antonno E CDM MODE: CIL Cingle Hos

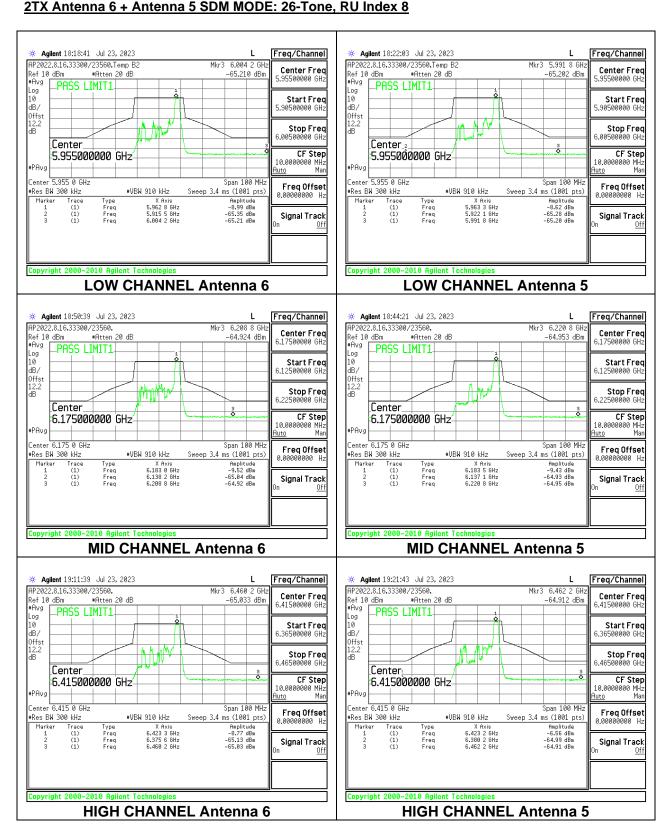




DATE: 8/26/2023



2TV Antonno C . Antonno E CDM MODE: 2C Tono Dillindov C

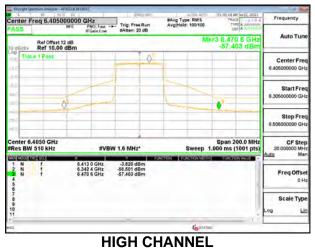


DATE: 8/26/2023

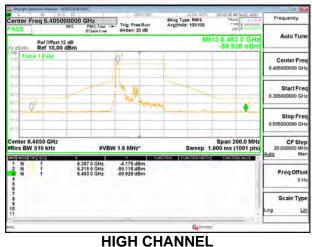
9.5.2. 802.11ax HE40 MODE IN THE UNII-5 BAND

1TX Antenna 6 MODE: SU, Single User





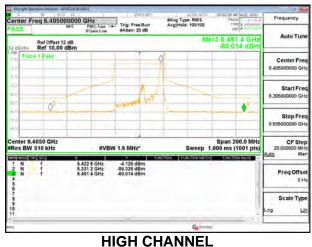






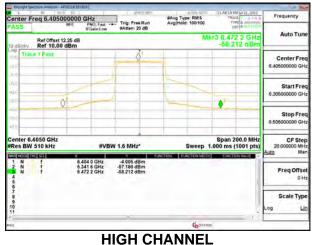


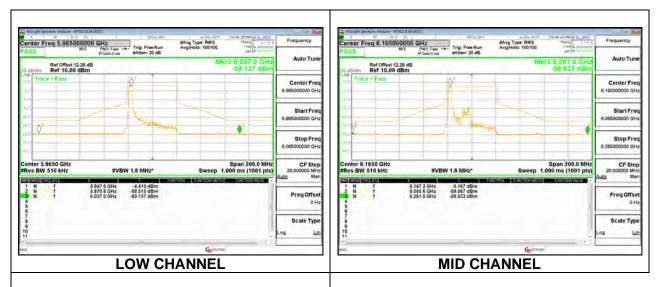




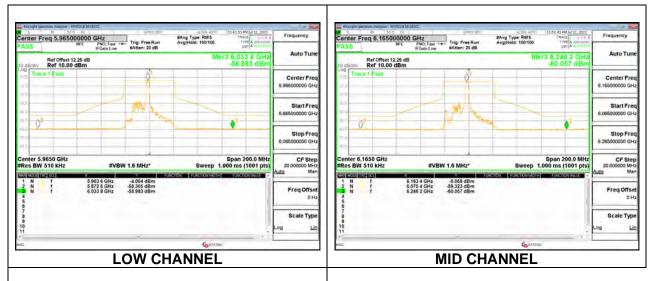
1TX Antenna 5 MODE: SU, Single User











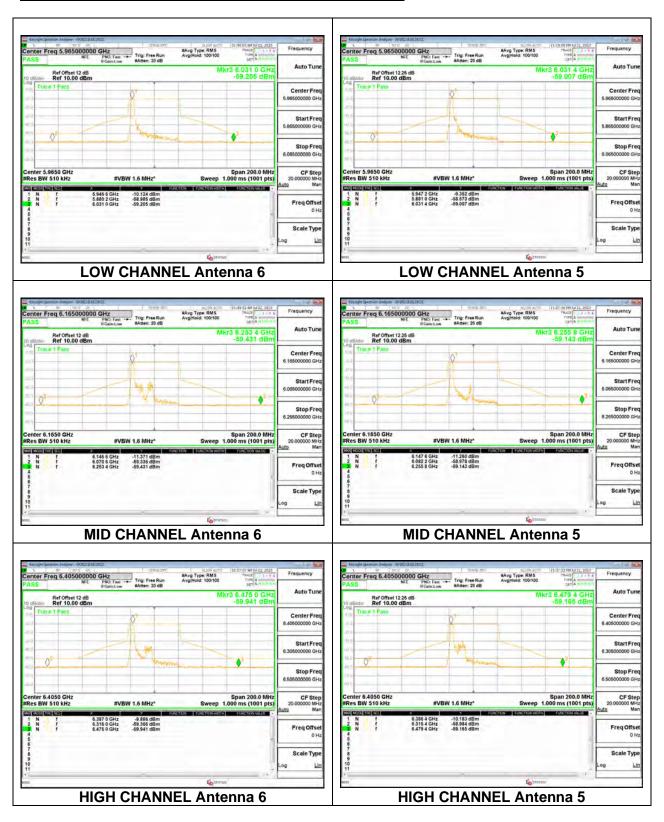


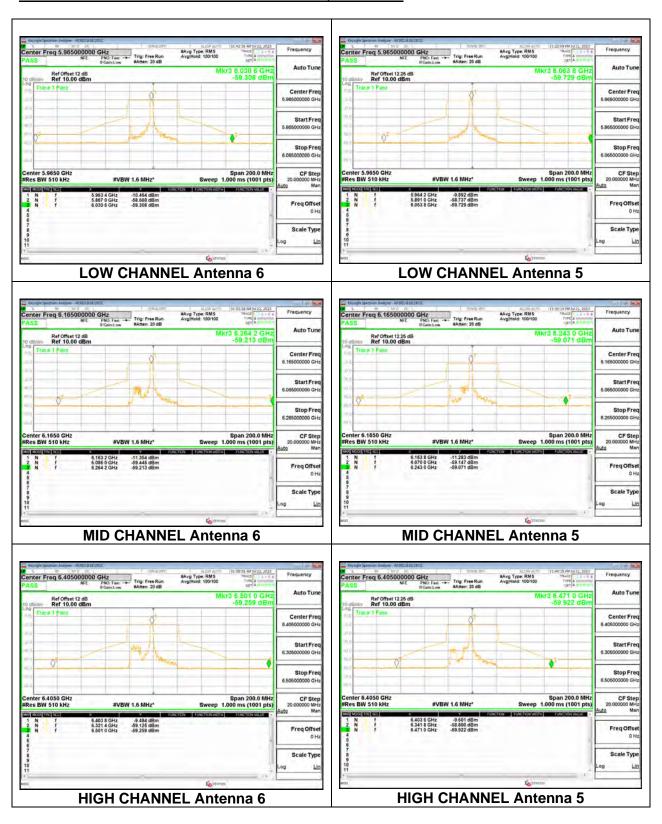


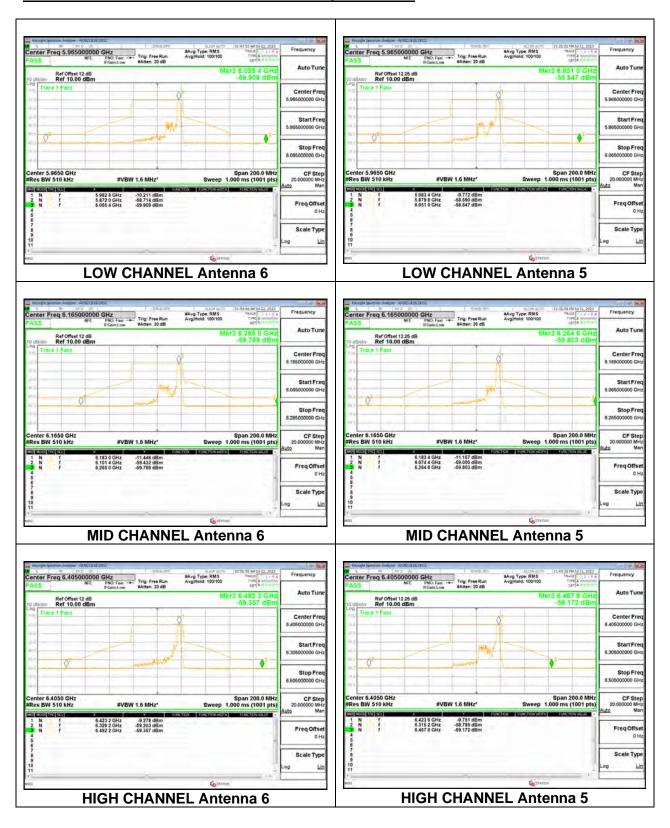


2TX Antenna 6 + Antenna 5 CDD MODE: SU, Single User

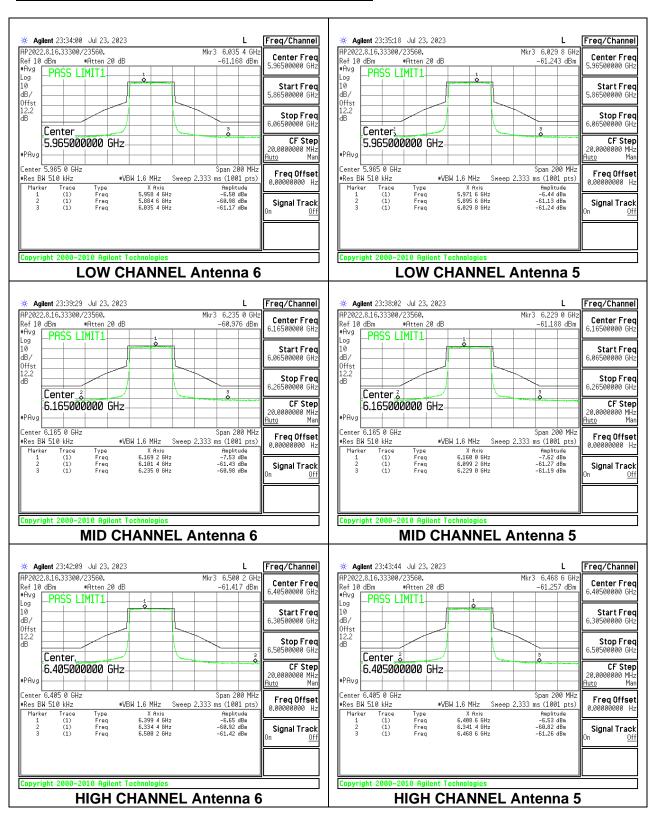




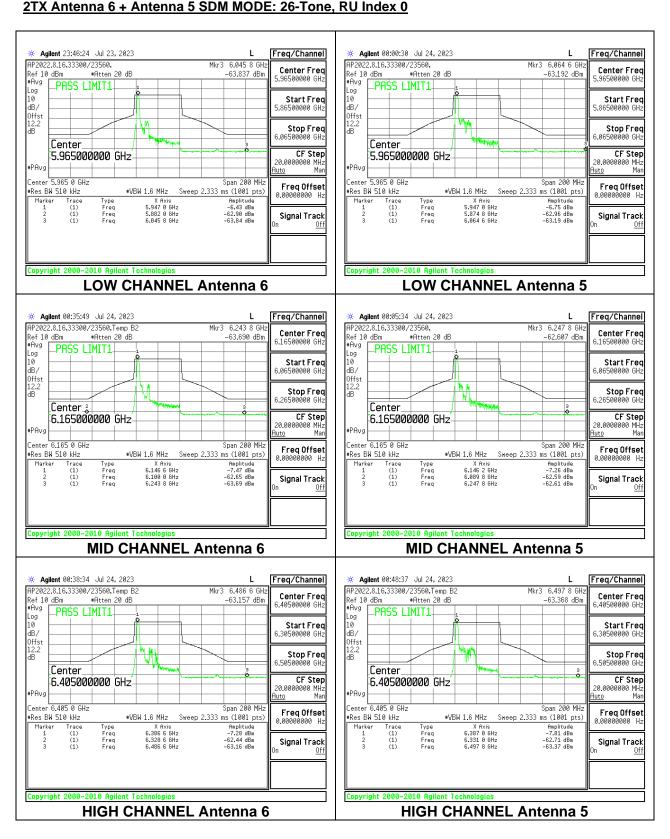


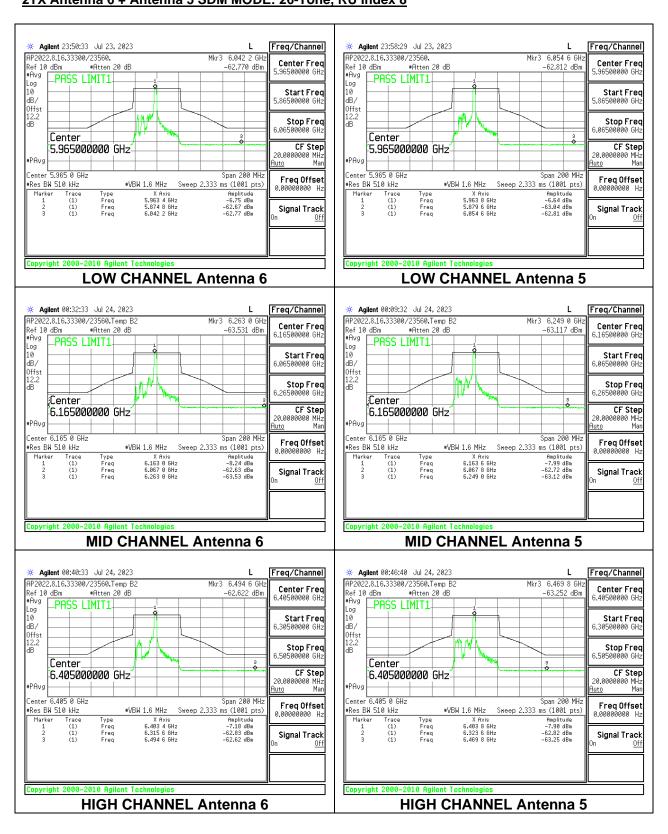


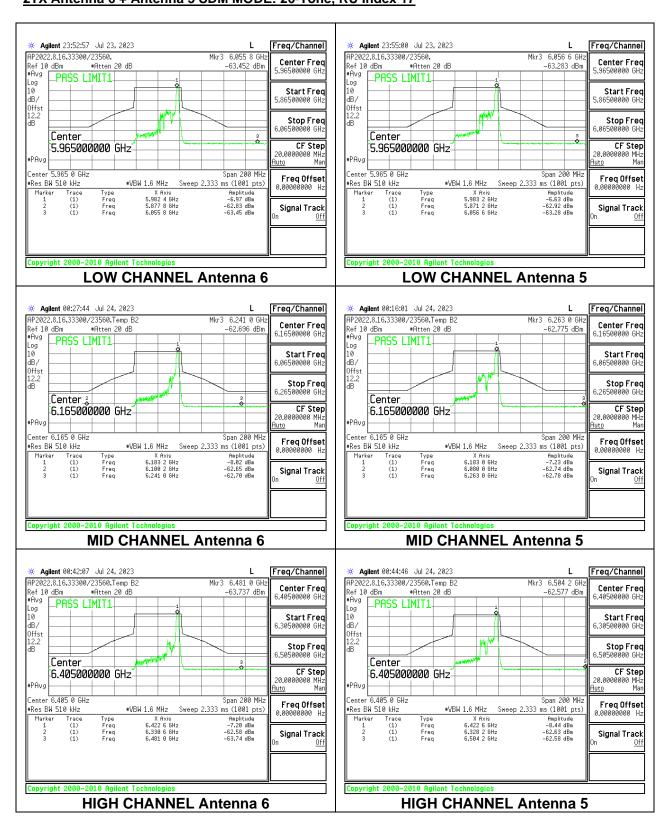
2TX Antenna 6 + Antenna 5 SDM MODE: SU, Single User



2TV Antonno C., Antonno F CDM MODE, 26 Tono Dillindoy (





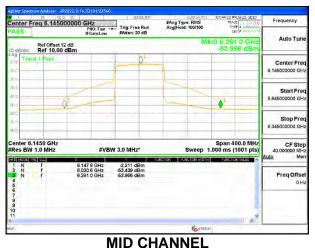


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9.5.3. 802.11ax HE80 MODE IN THE UNII-5 BAND

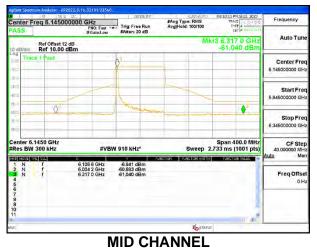
1TX Antenna 6 MODE: SU, Single User

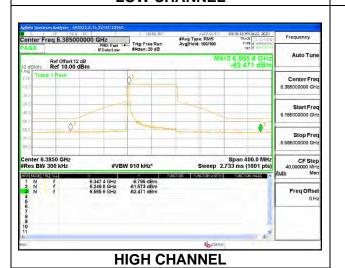




Center Freq 6.385000000 GHz
PASS
PRO (sat = Trip Free Run Anglinde 100100
Ref Offset 12 dB
Ref 10.00 dBm
Ref 10.00

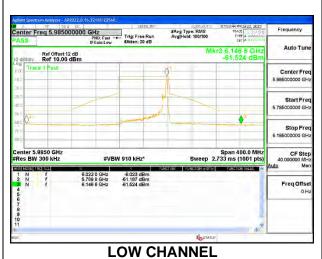


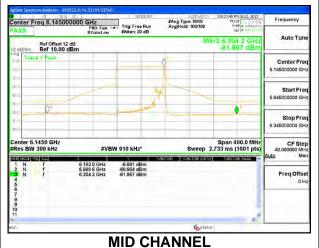


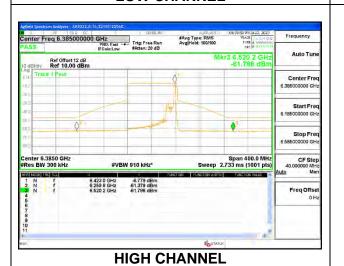






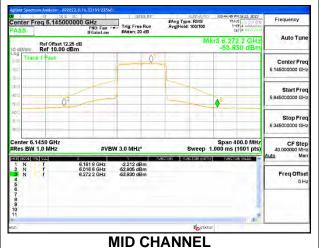






1TX Antenna 5 MODE: SU, Single User



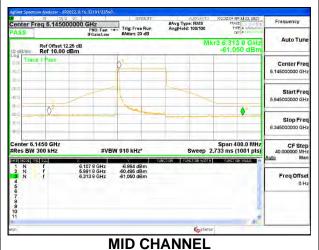


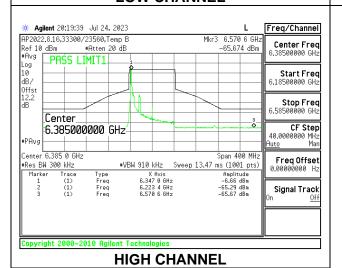
LOW CHANNEL



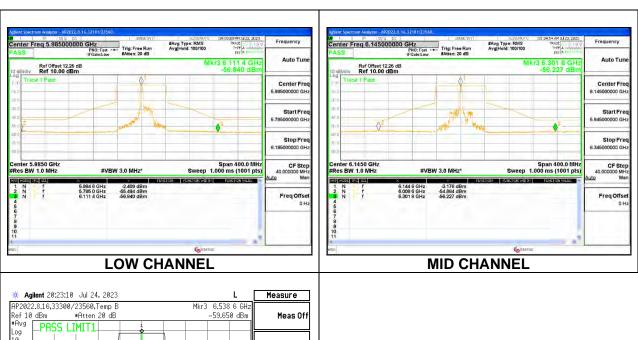
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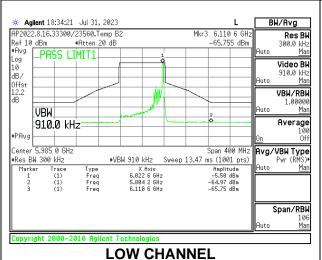


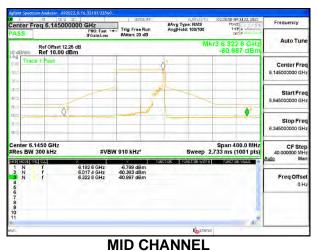


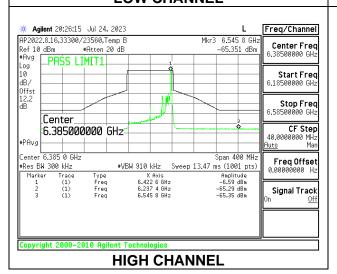


DATE: 8/26/2023

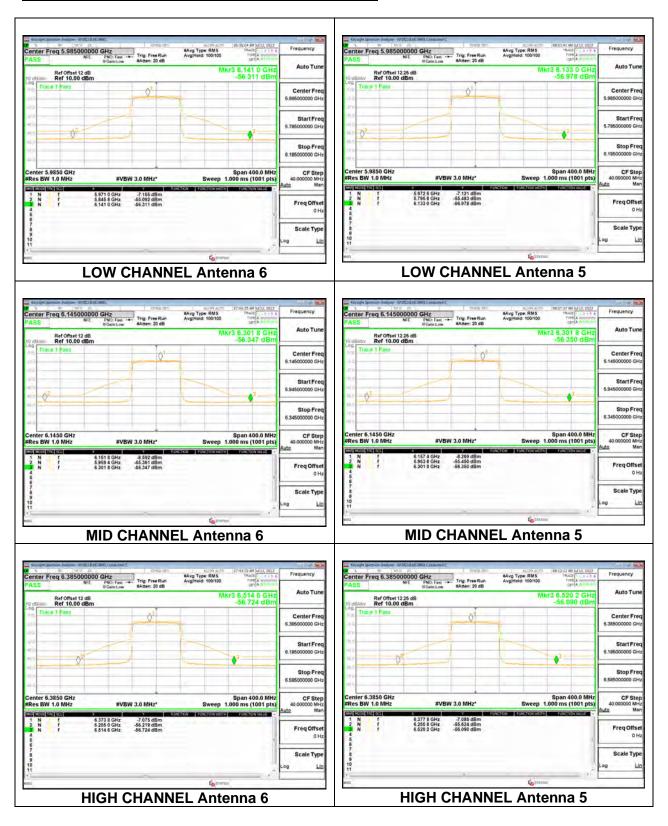


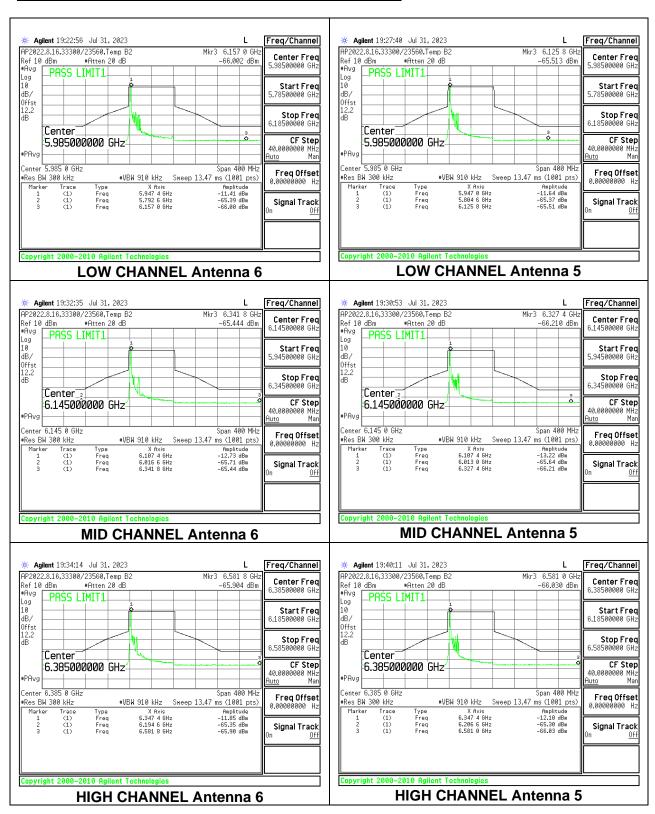


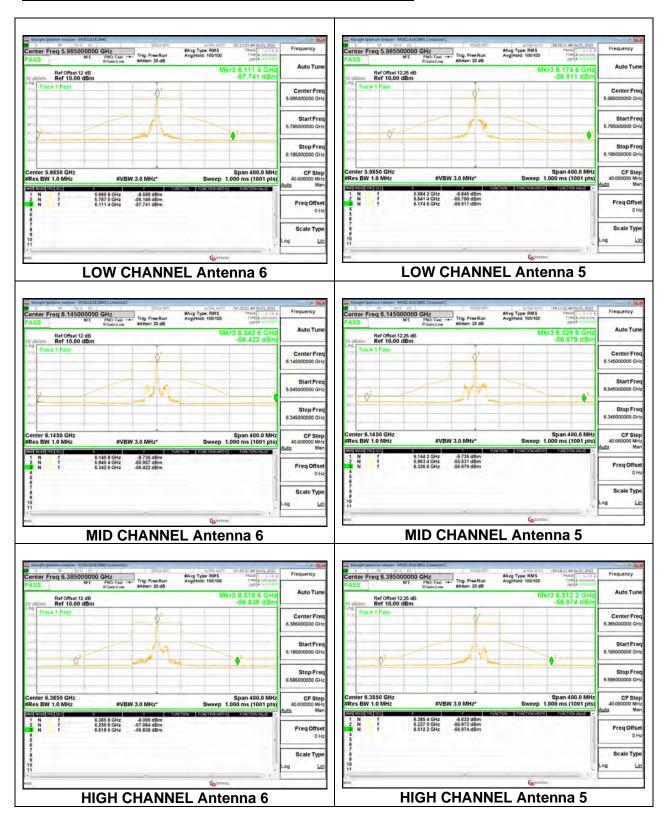


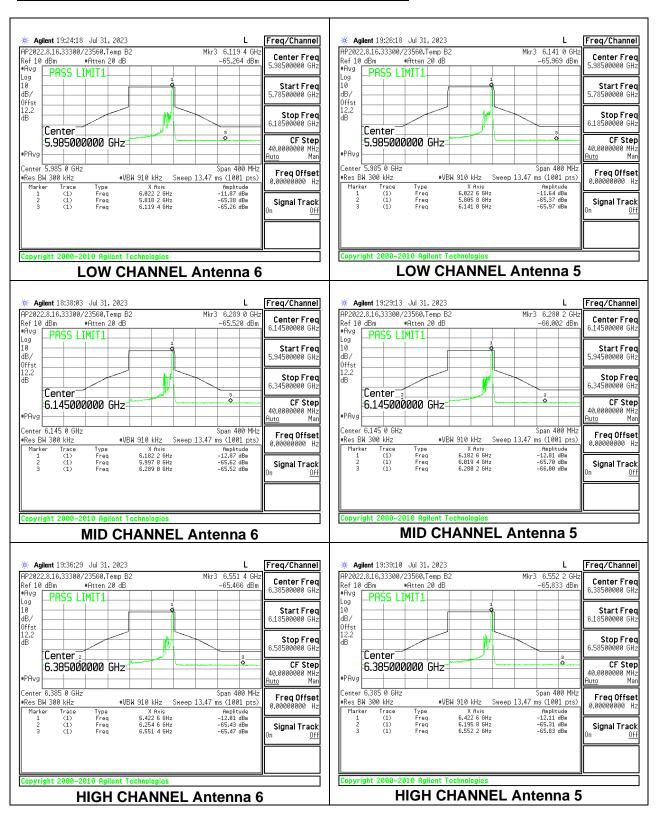


2TX Antenna 6 + Antenna 5 CDD MODE: SU, Single User

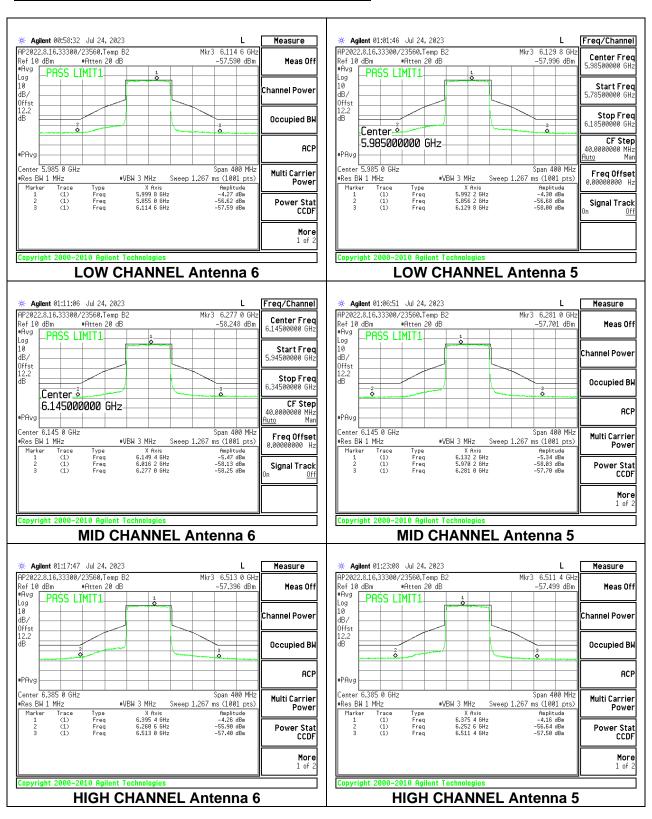




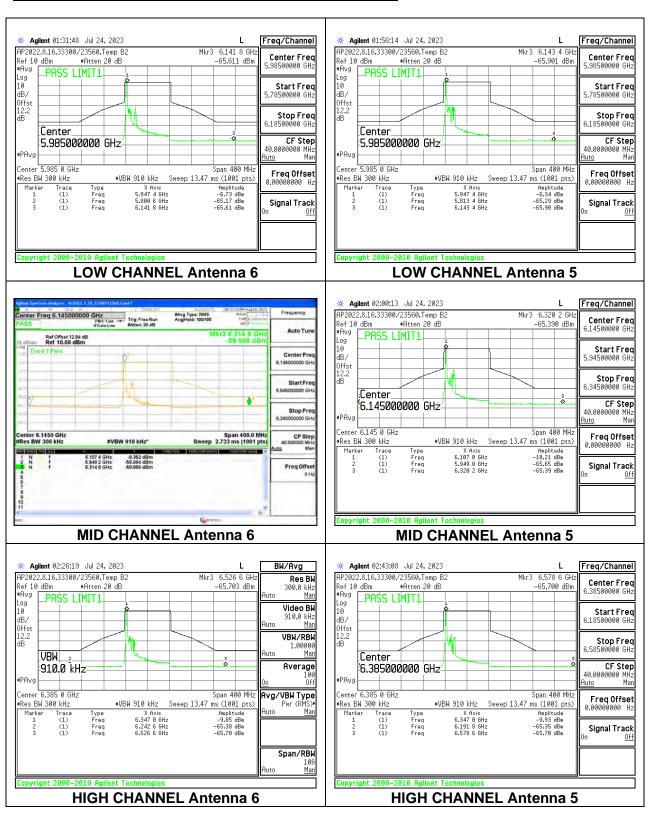


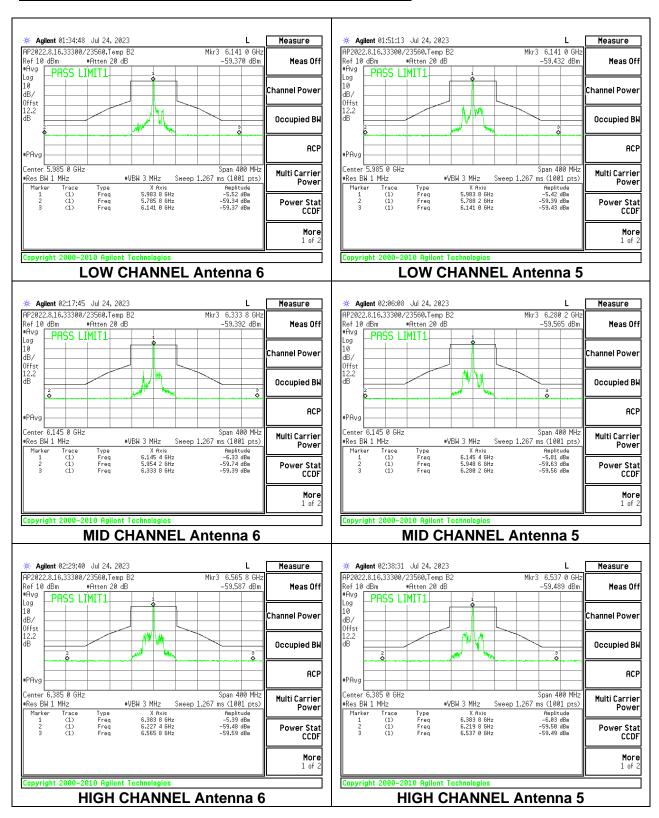


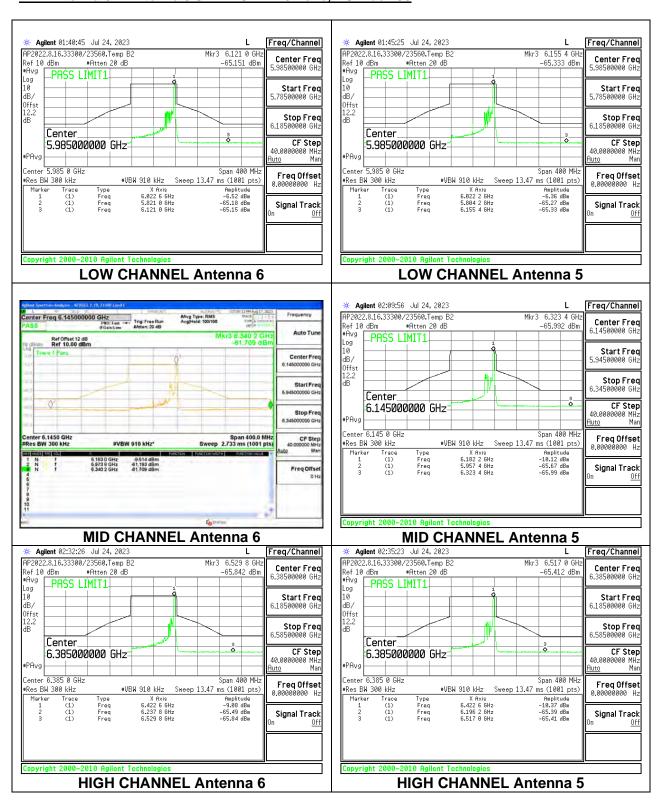
2TX Antenna 6 + Antenna 5 SDM MODE: SU, Single User



DATE: 8/26/2023



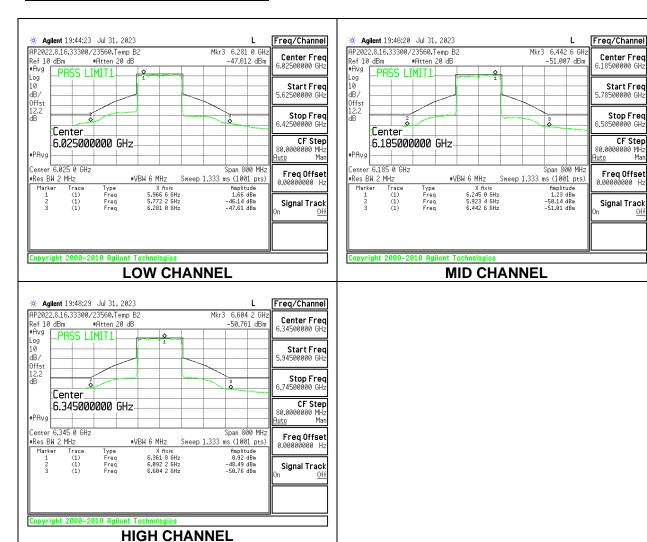




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9.5.4. 802.11ax HE160 MODE IN THE UNII-5 BAND

1TX Antenna 6 MODE: SU, Single User



DATE: 8/26/2023

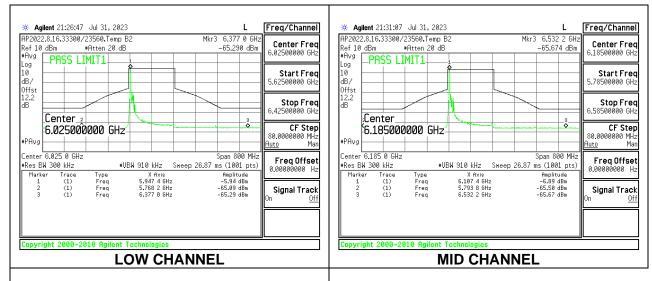
Center Fred

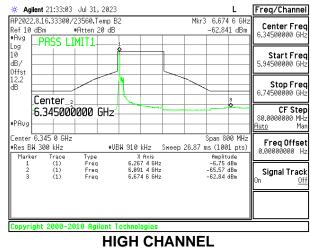
Start Freq 5.78500000 GHz

CF Step 80.0000000 MH

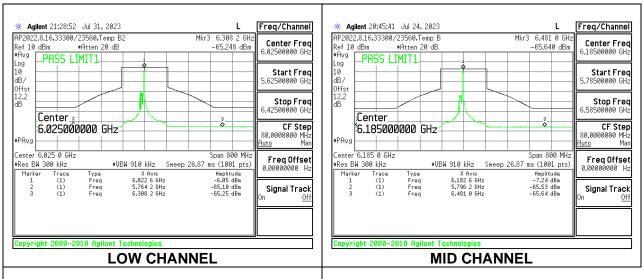
Freq Offset 0.00000000 Hz

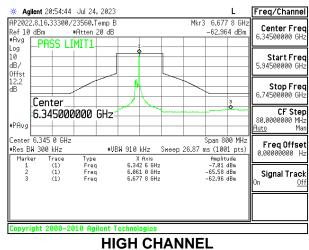
Signal Track



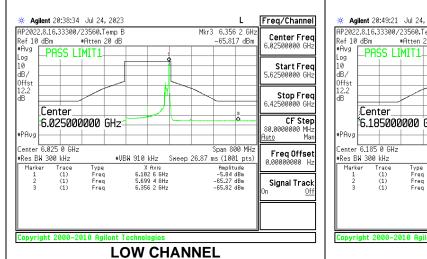


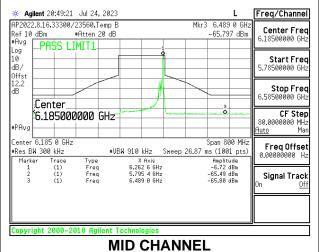
DATE: 8/26/2023

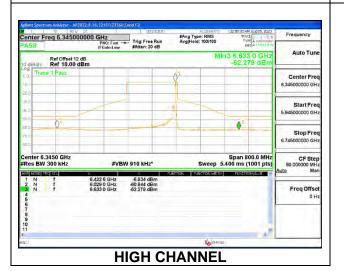




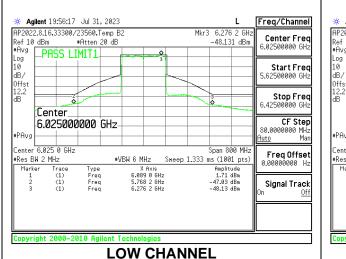
DATE: 8/26/2023

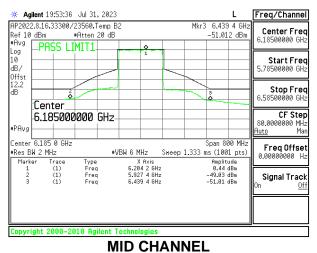




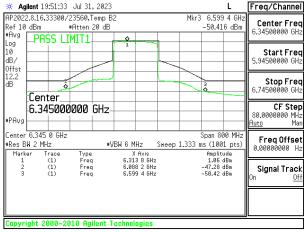


1TX Antenna 5 MODE: SU, Single User

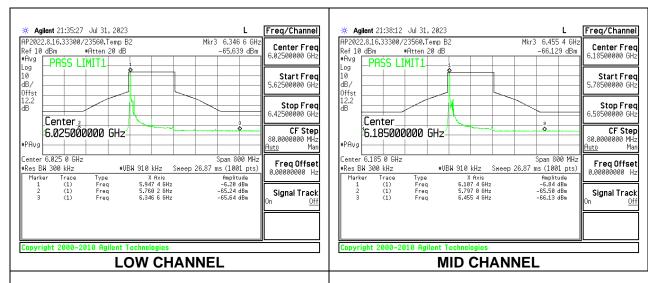


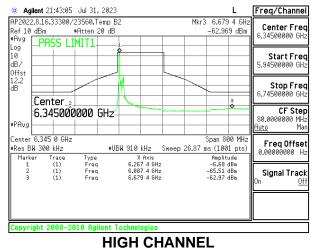




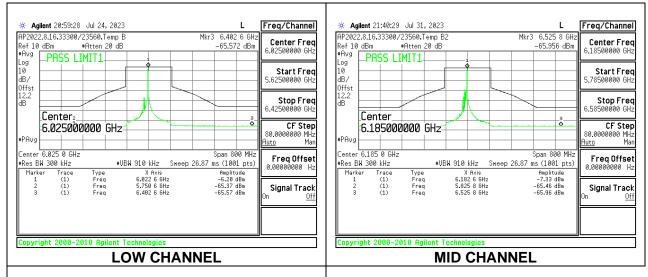


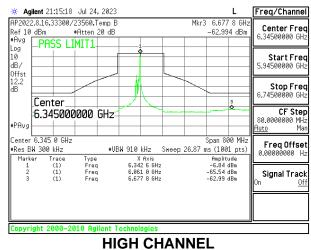
HIGH CHANNEL

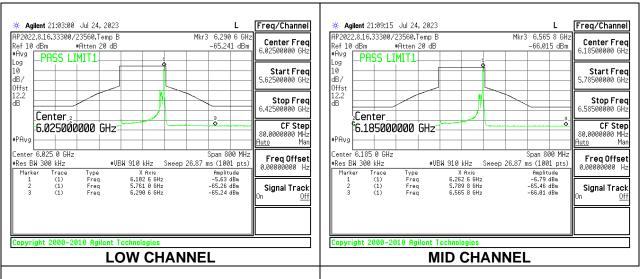


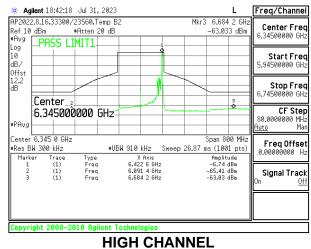


DATE: 8/26/2023

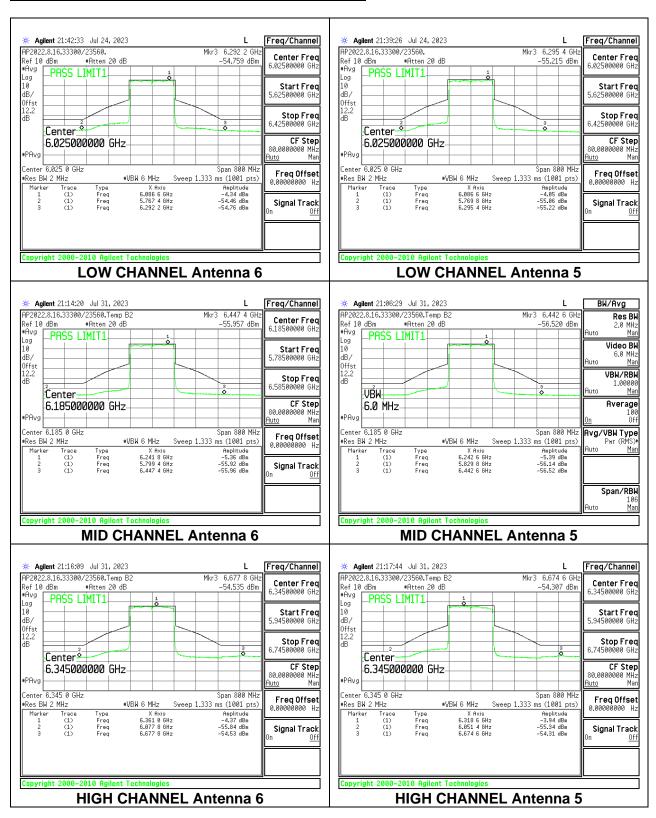




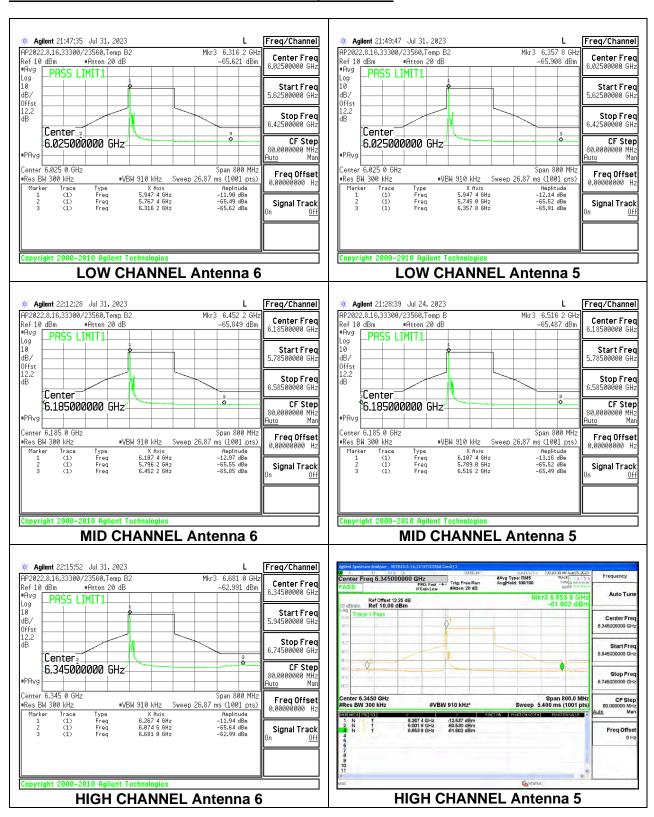




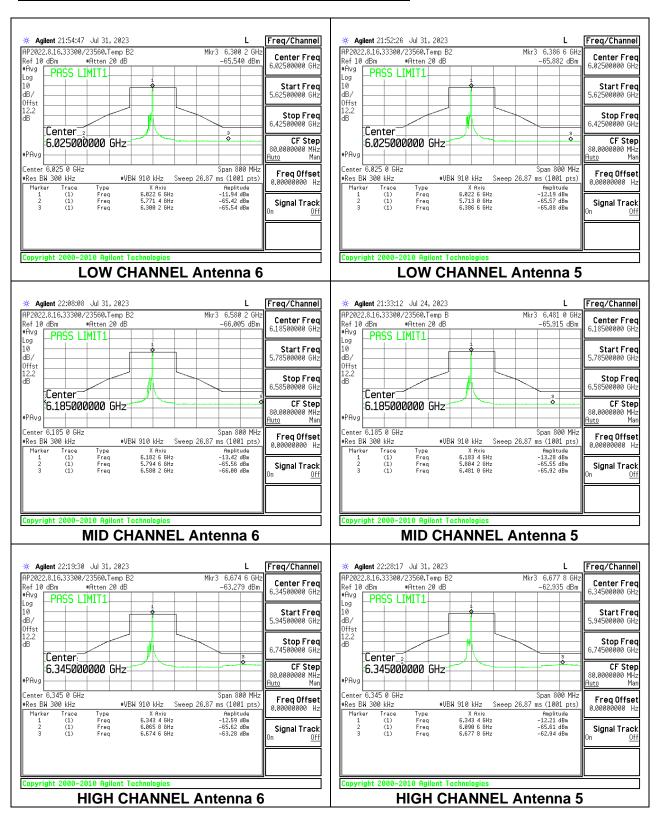
2TX Antenna 6 + Antenna 5 CDD MODE: SU, Single User

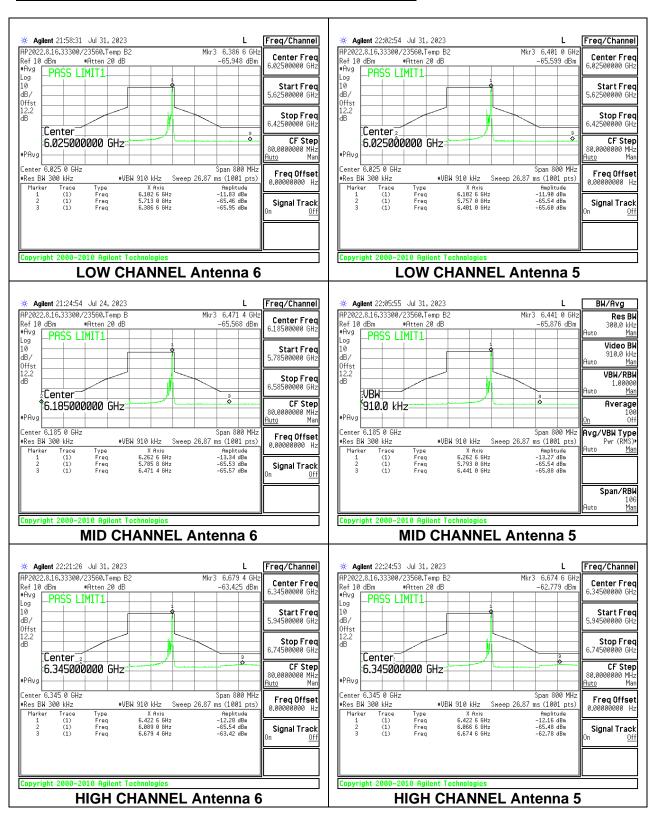


DATE: 8/26/2023

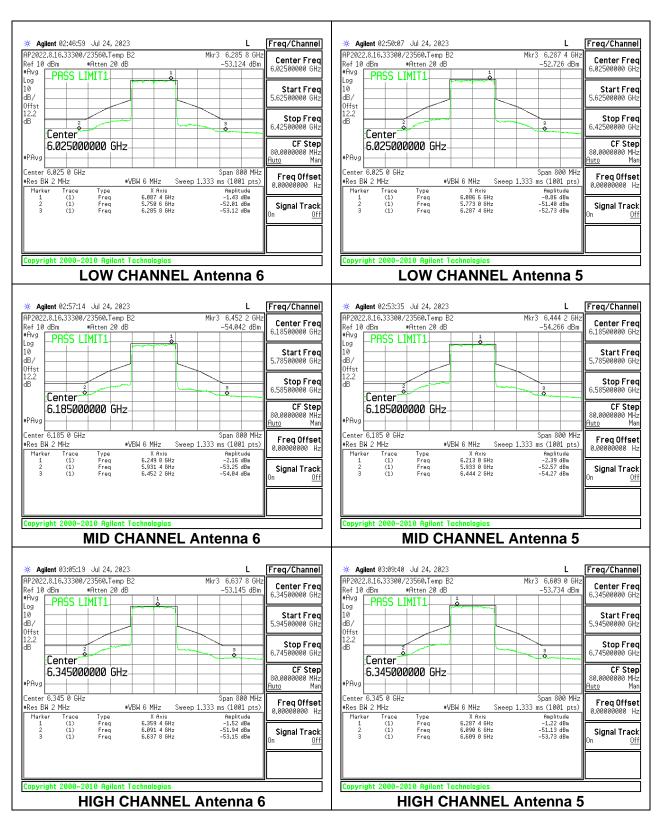


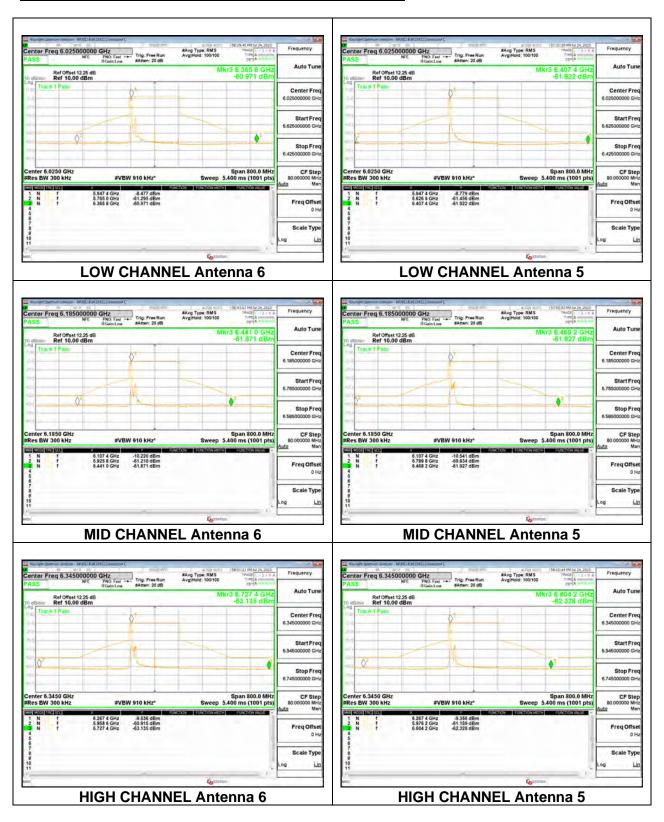
DATE: 8/26/2023



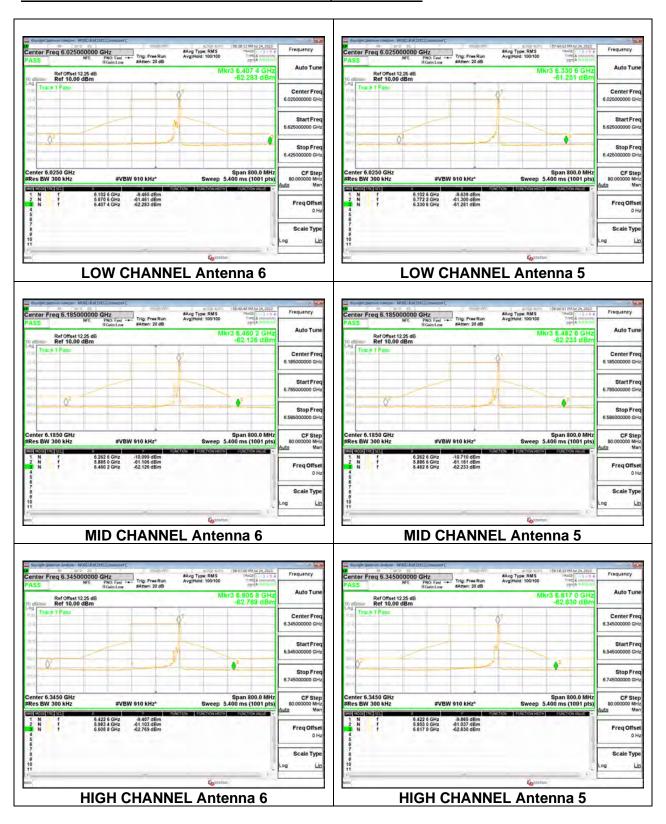


2TX Antenna 6 + Antenna 5 SDM MODE: SU, Single User





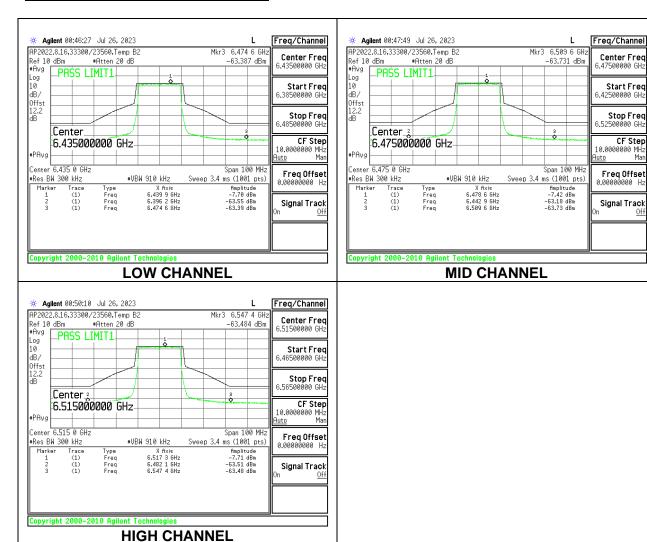


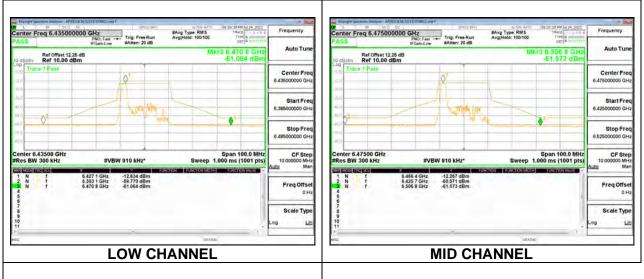


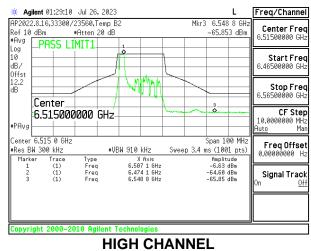
DATE: 8/26/2023

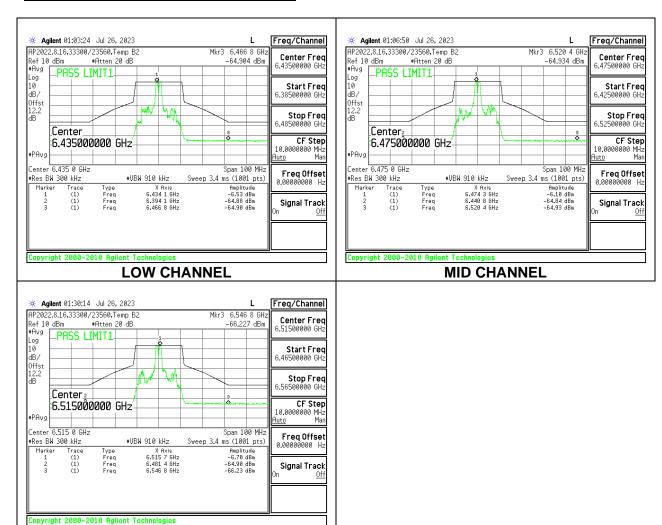
9.5.5. 802.11ax HE20 MODE IN THE UNII-6 BAND

1TX Antenna 6 MODE: SU, Single User

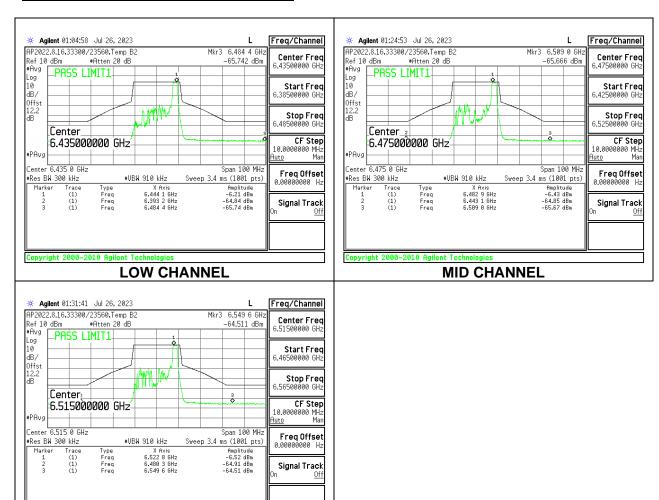








HIGH CHANNEL

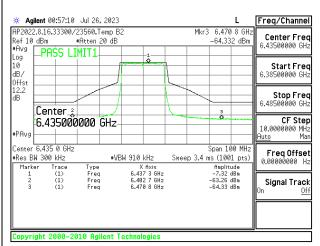


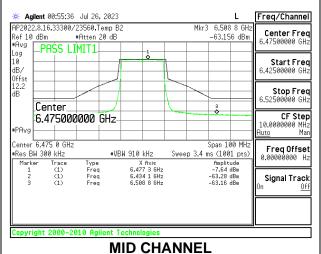
Copyright 2000-2010 Agilent Technol

HIGH CHANNEL

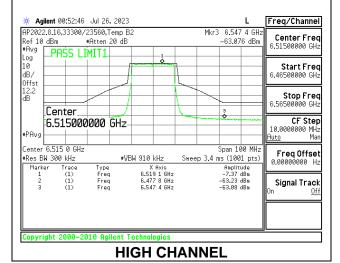
DATE: 8/26/2023

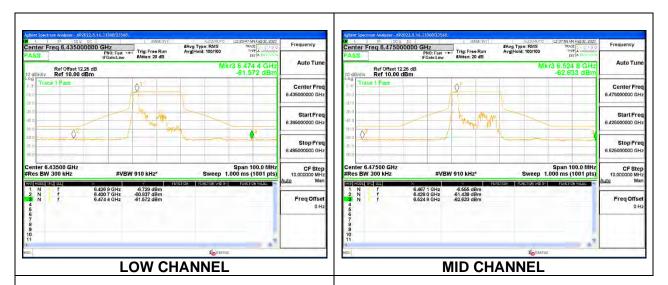
1TX Antenna 5 MODE: SU, Single User

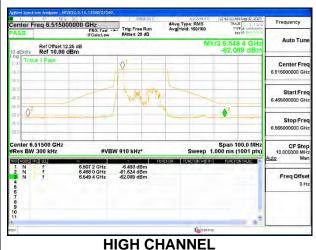


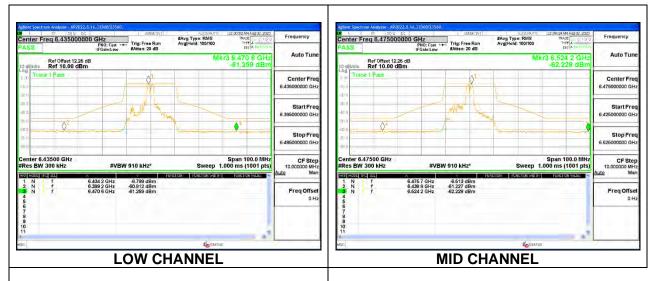






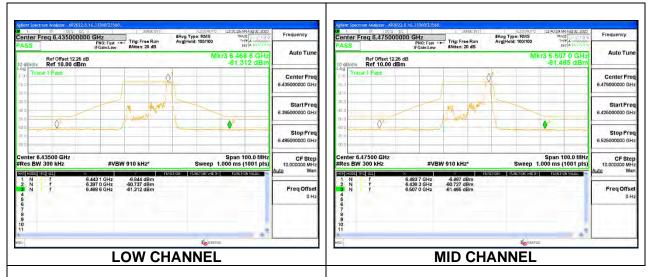


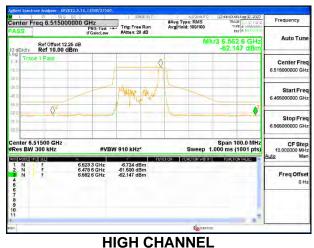






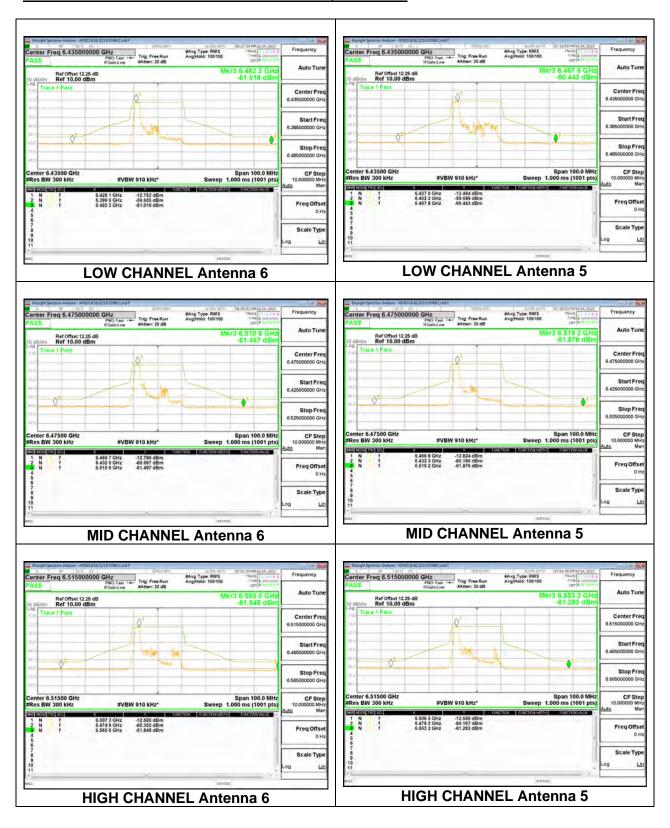
DATE: 8/26/2023

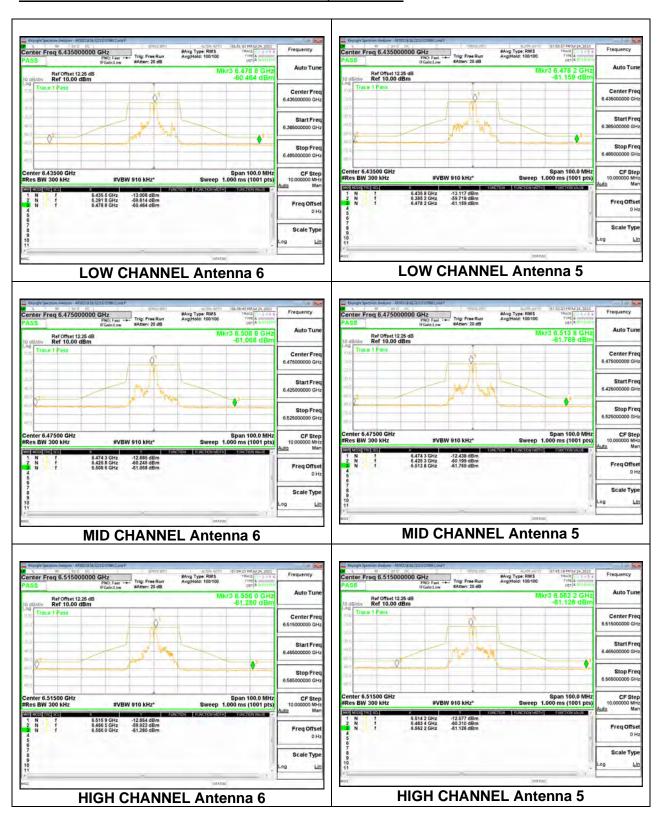


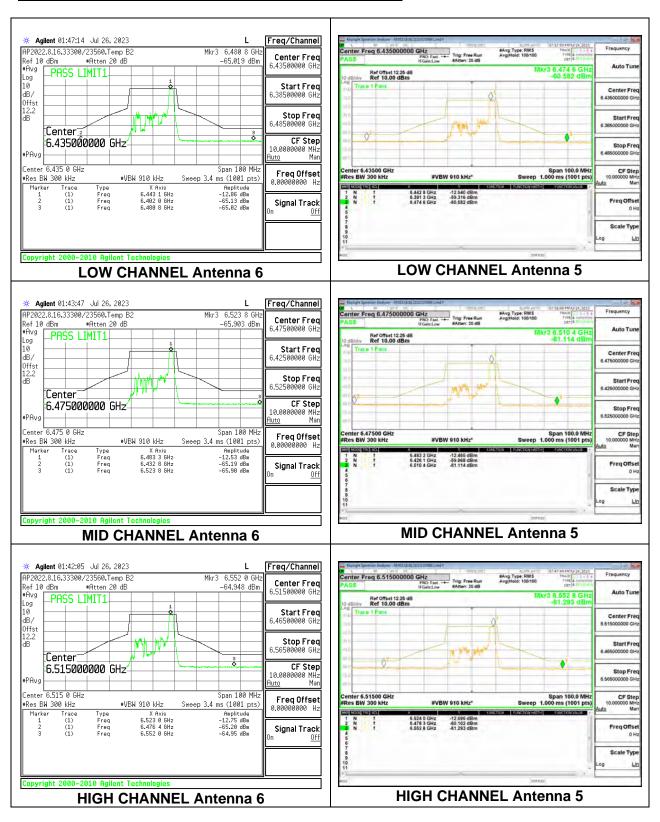


2TX Antenna 6 + Antenna 5 CDD MODE: SU, Single User









2TX Antenna 6 + Antenna 5 SDM MODE: SU, Single User

