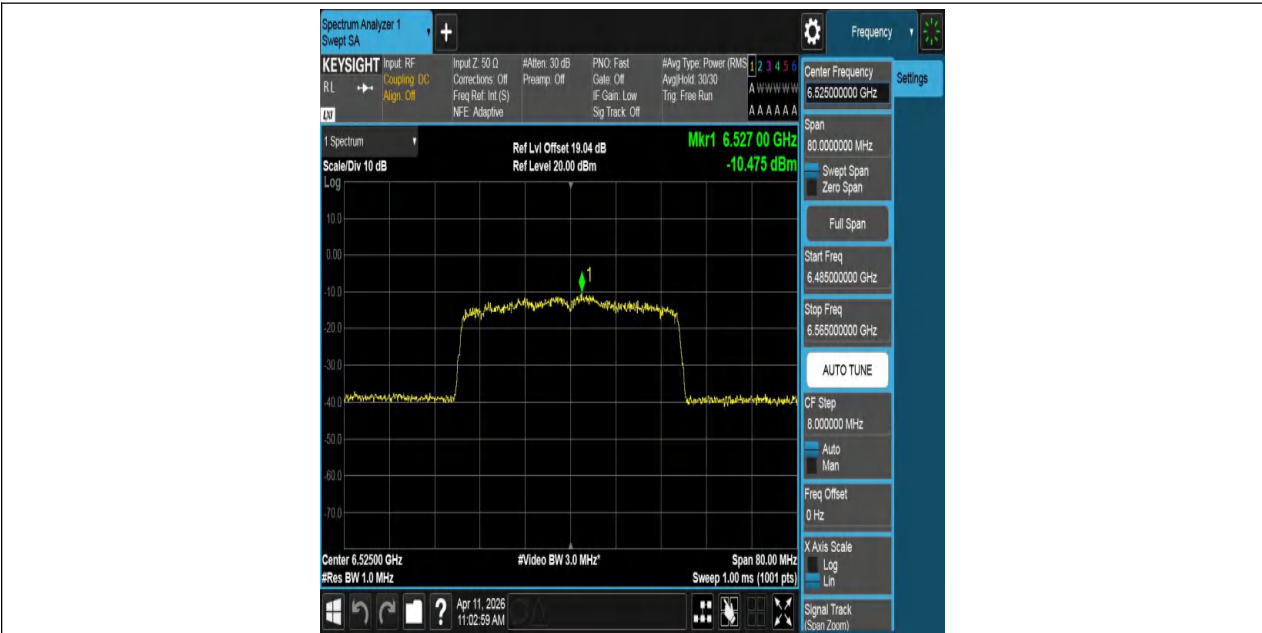
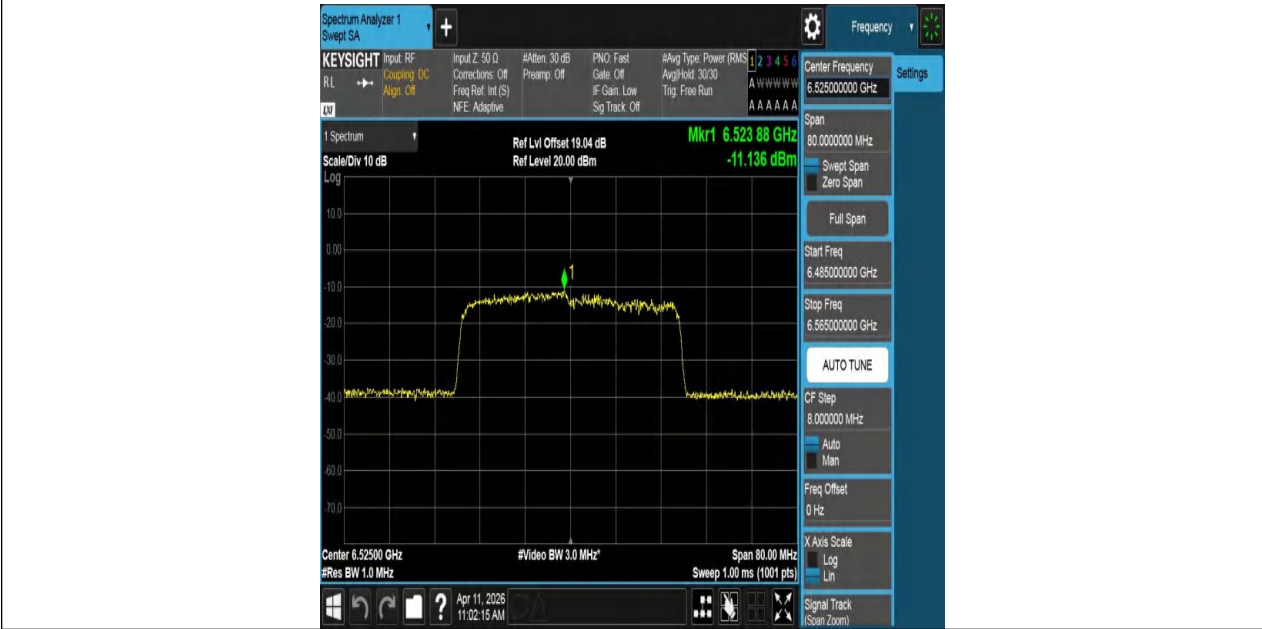
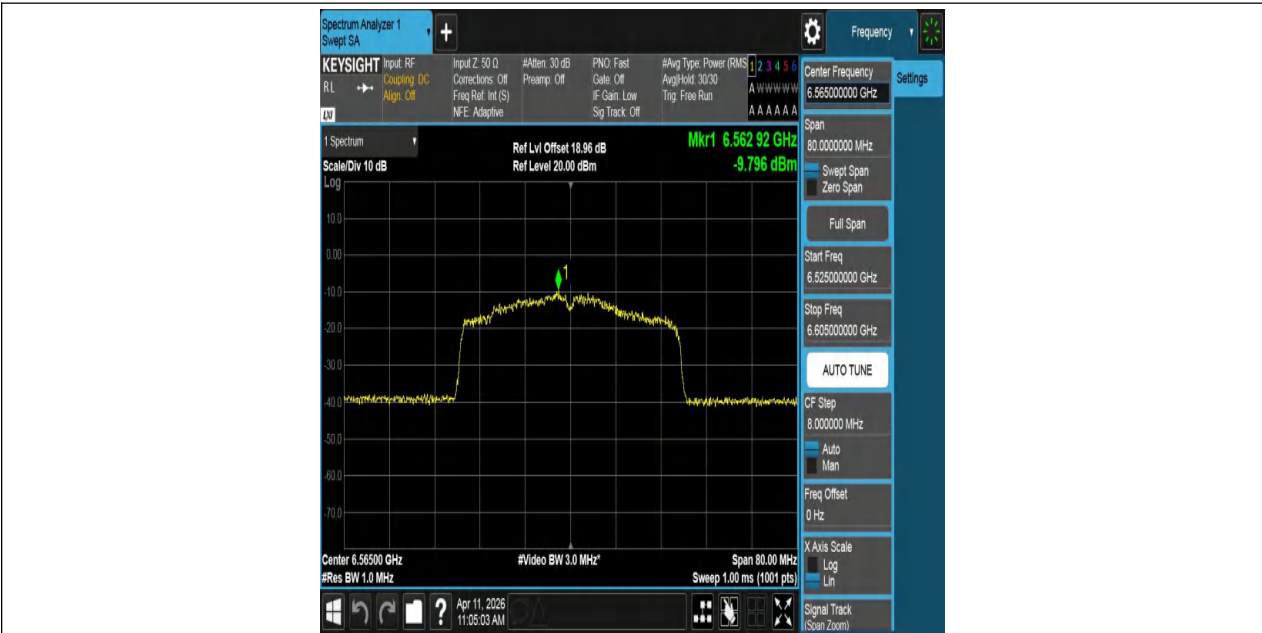




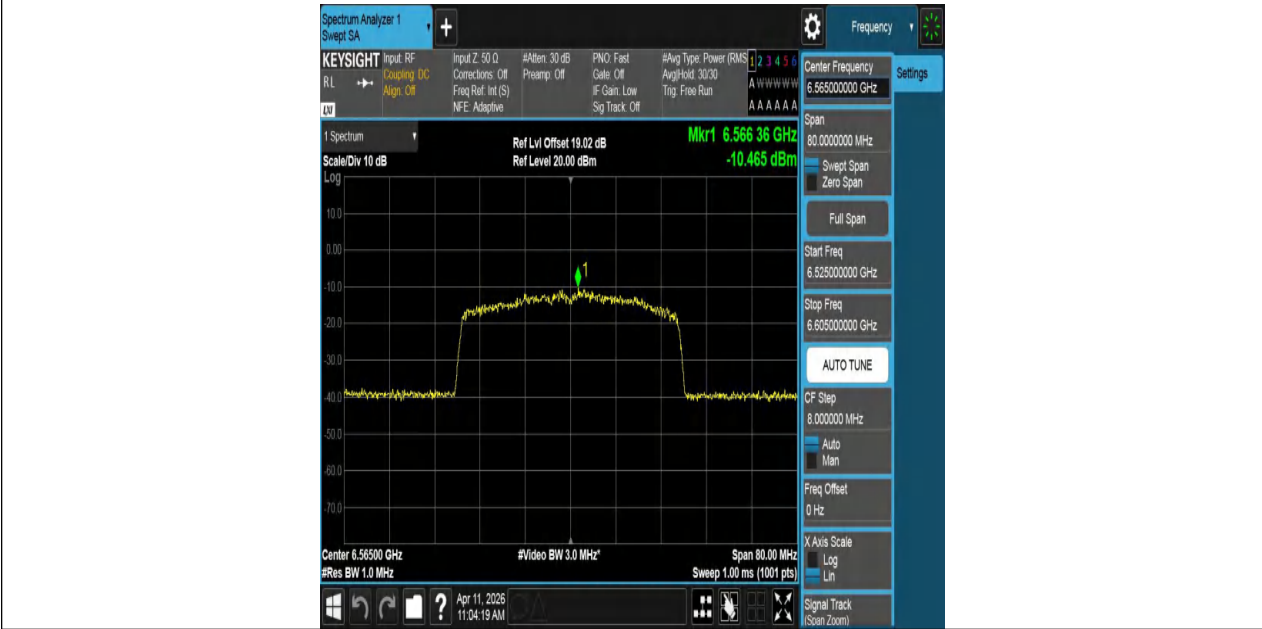
11BE40MIMO-Ant2-6525-PASS



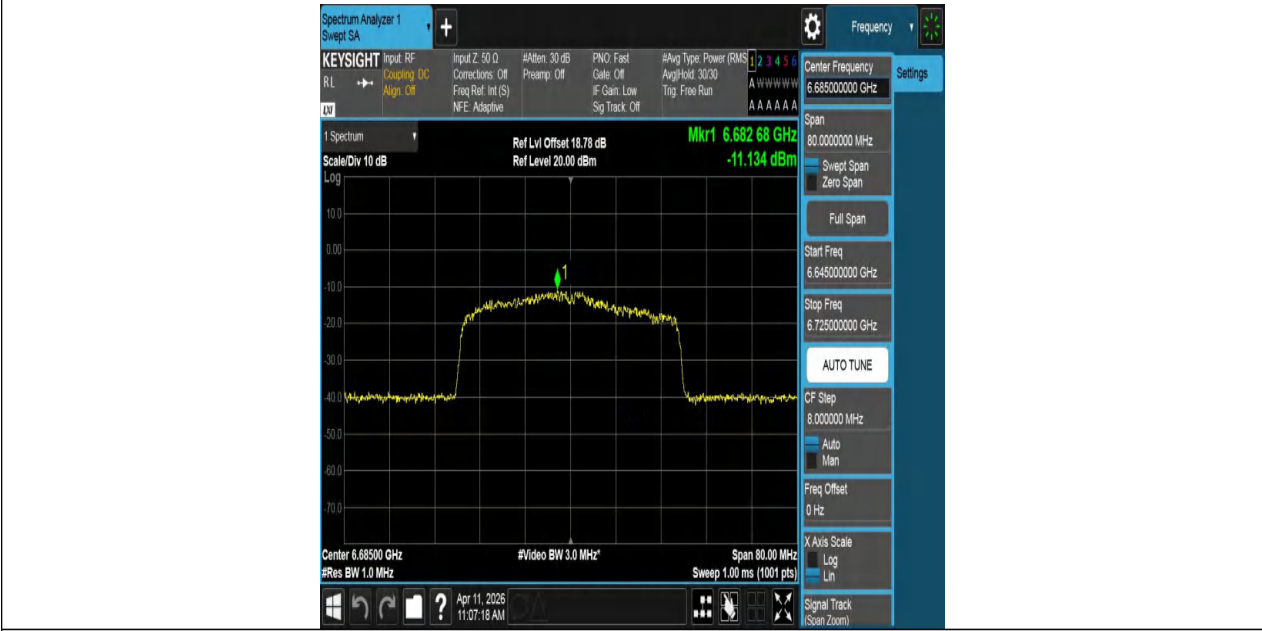
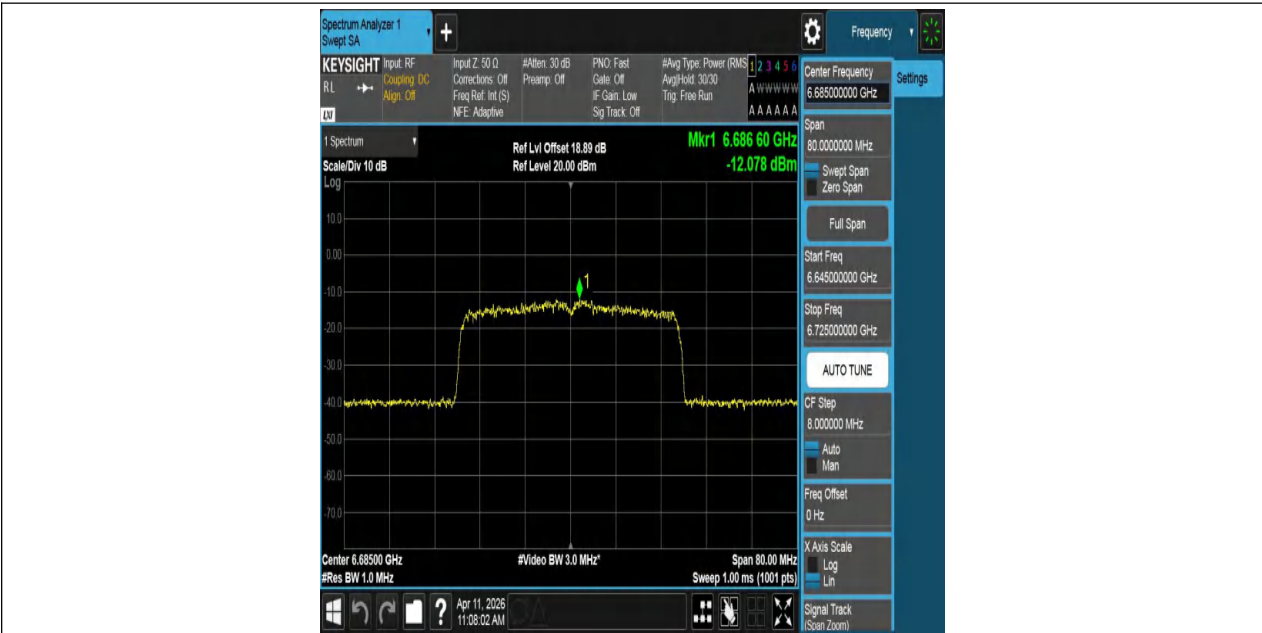
11BE40MIMO-Ant1-6525-PASS

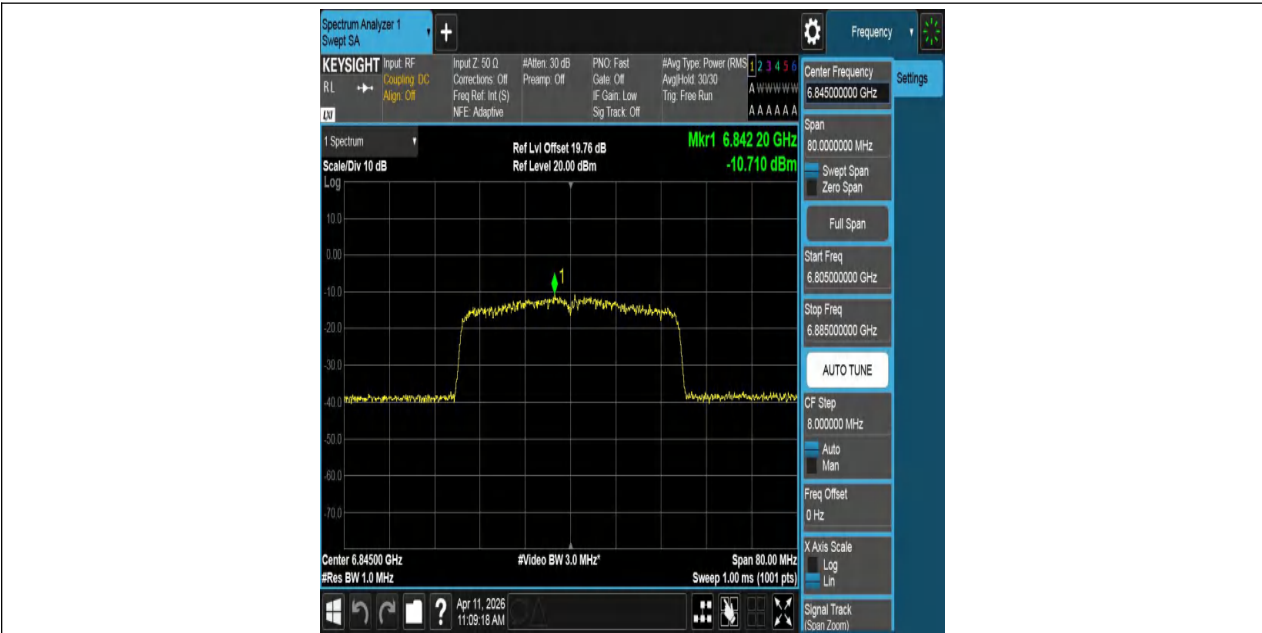


11BE40MIMO-Ant2-6565-PASS

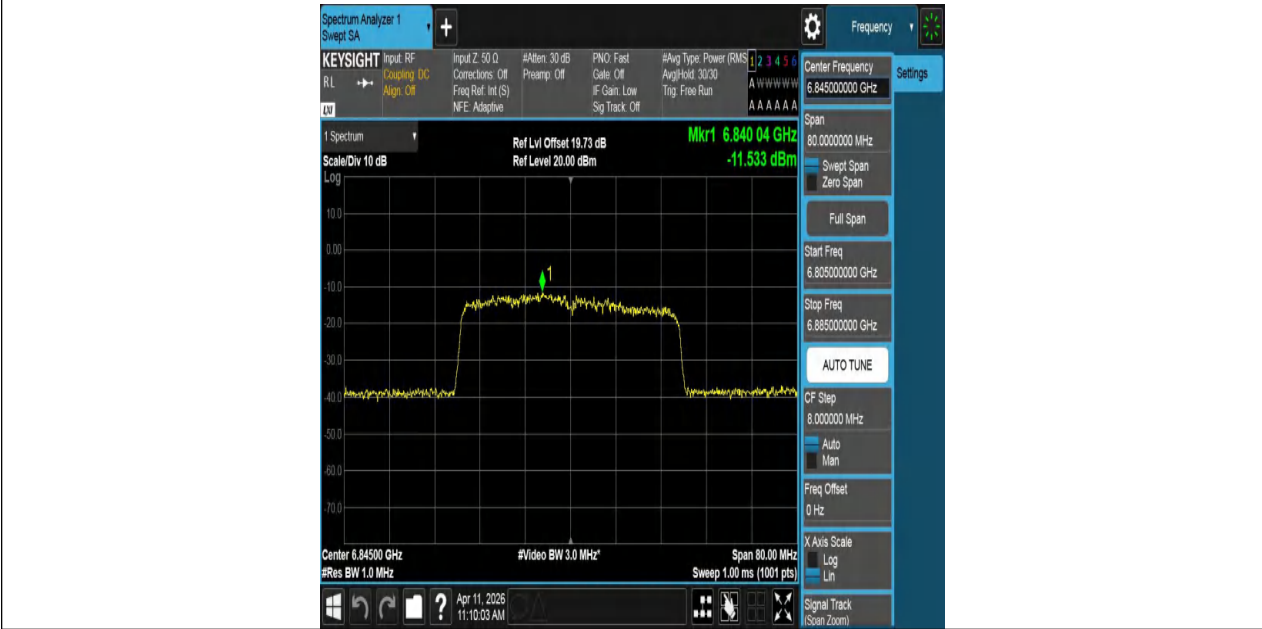


11BE40MIMO-Ant1-6565-PASS

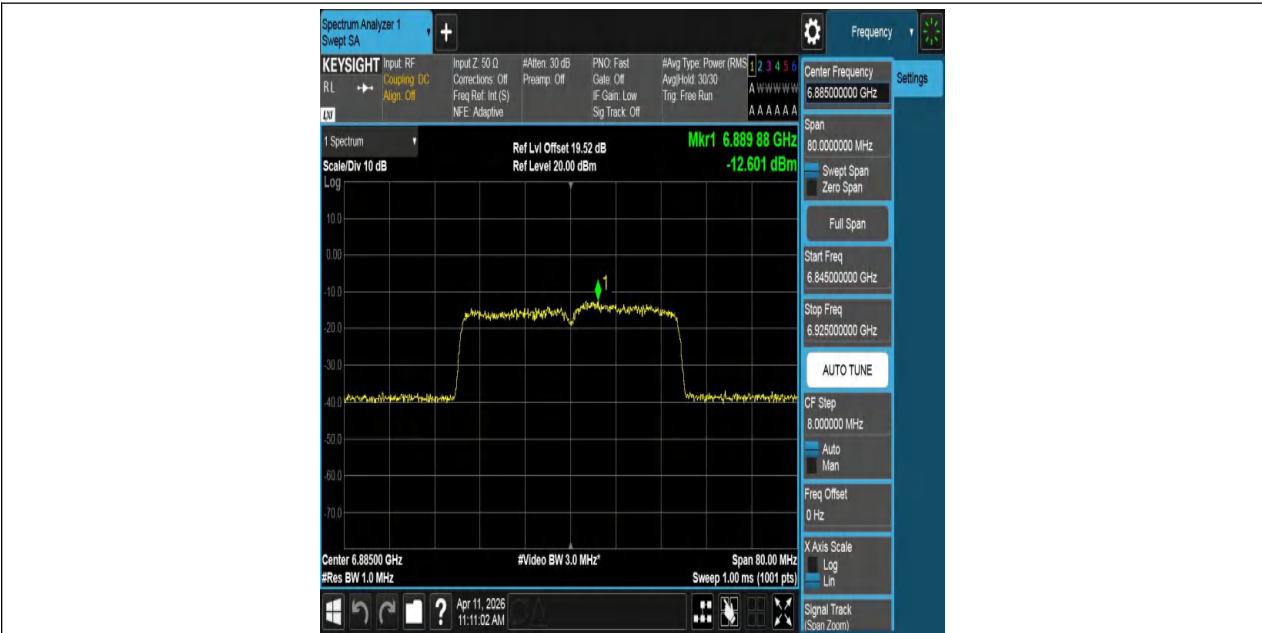




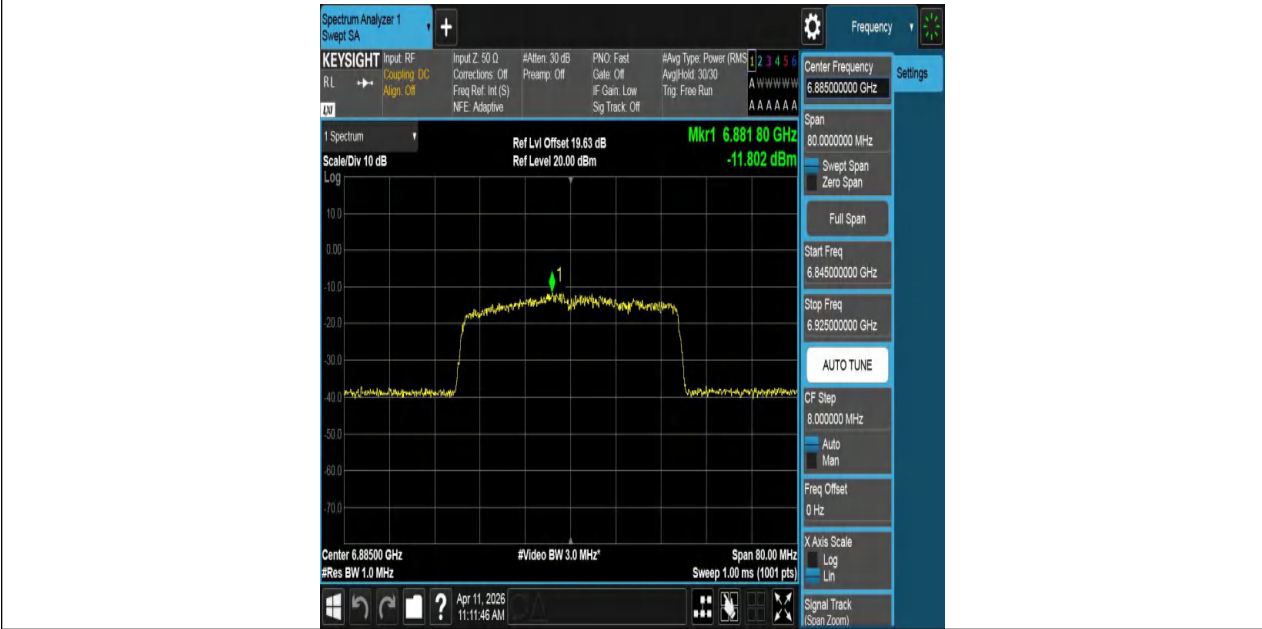
11BE40MIMO-Ant1-6845-PASS



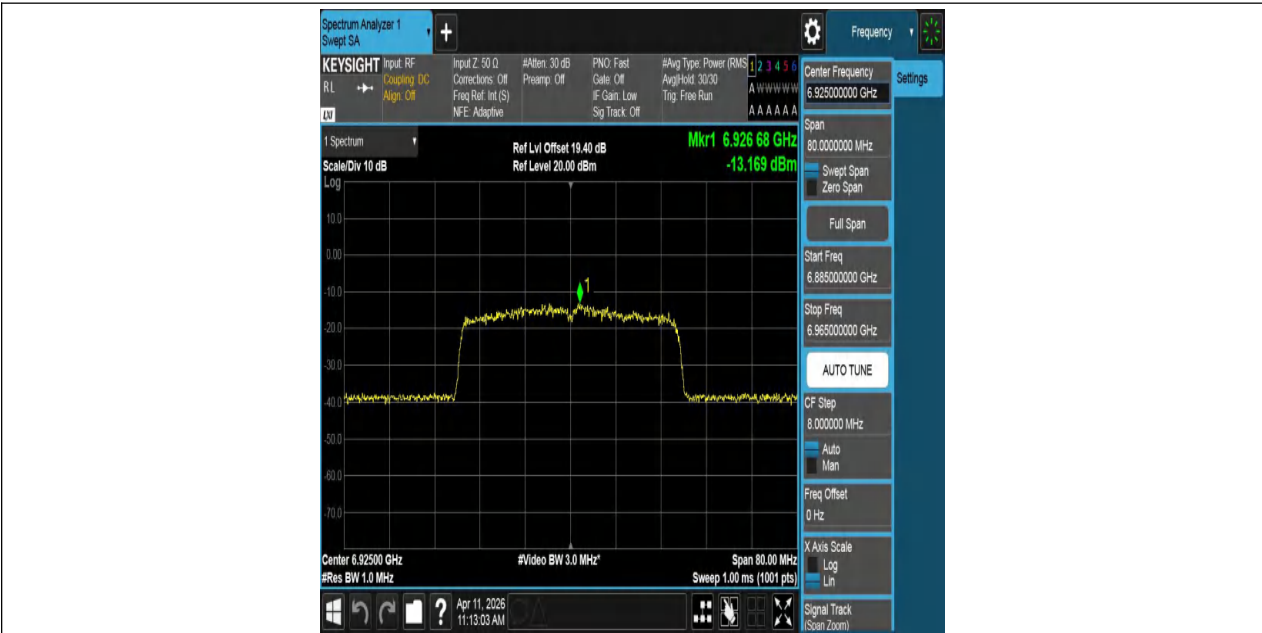
11BE40MIMO-Ant2-6845-PASS



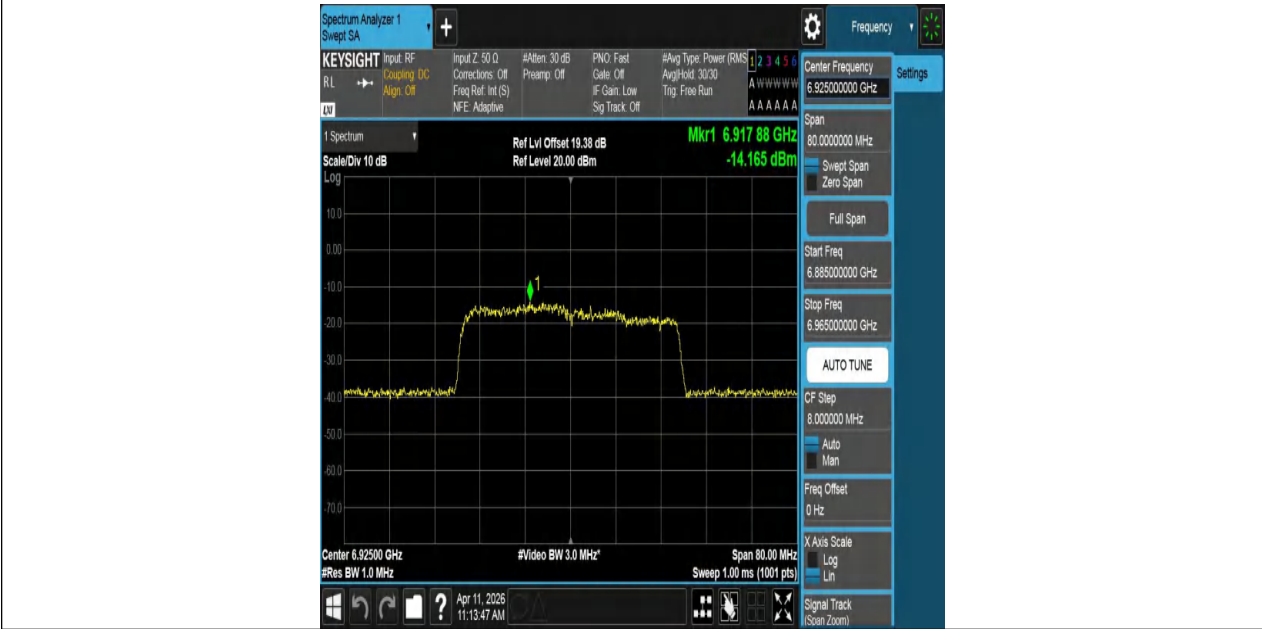
11BE40MIMO-Ant1-6885-PASS



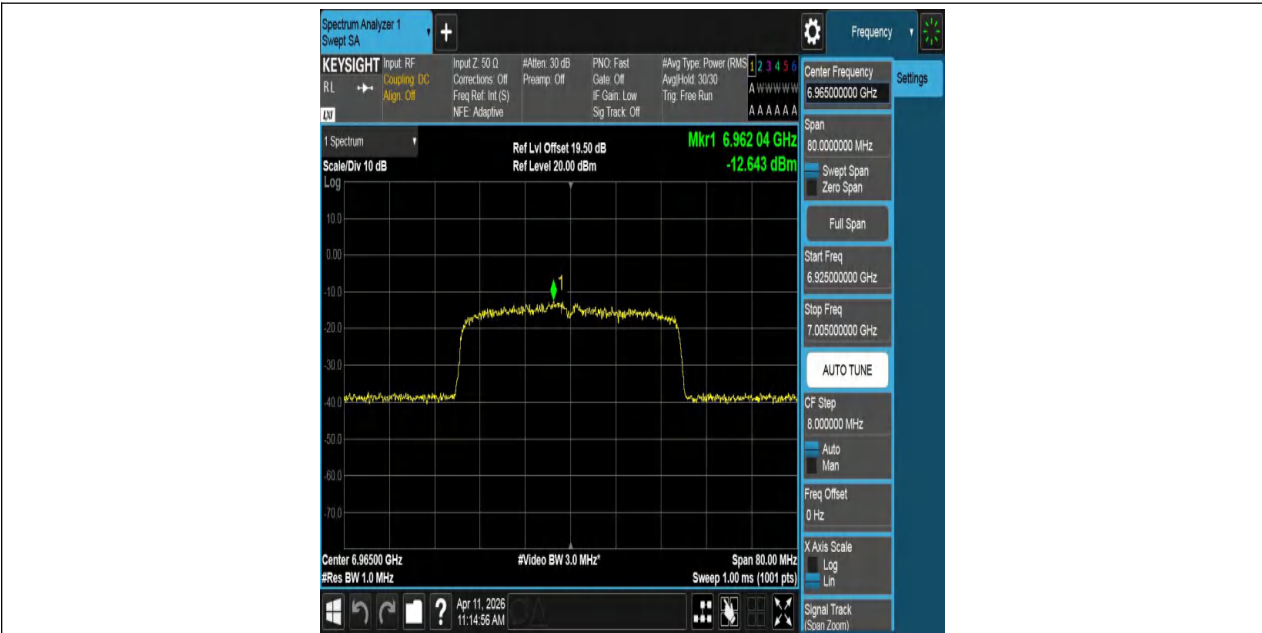
11BE40MIMO-Ant2-6885-PASS



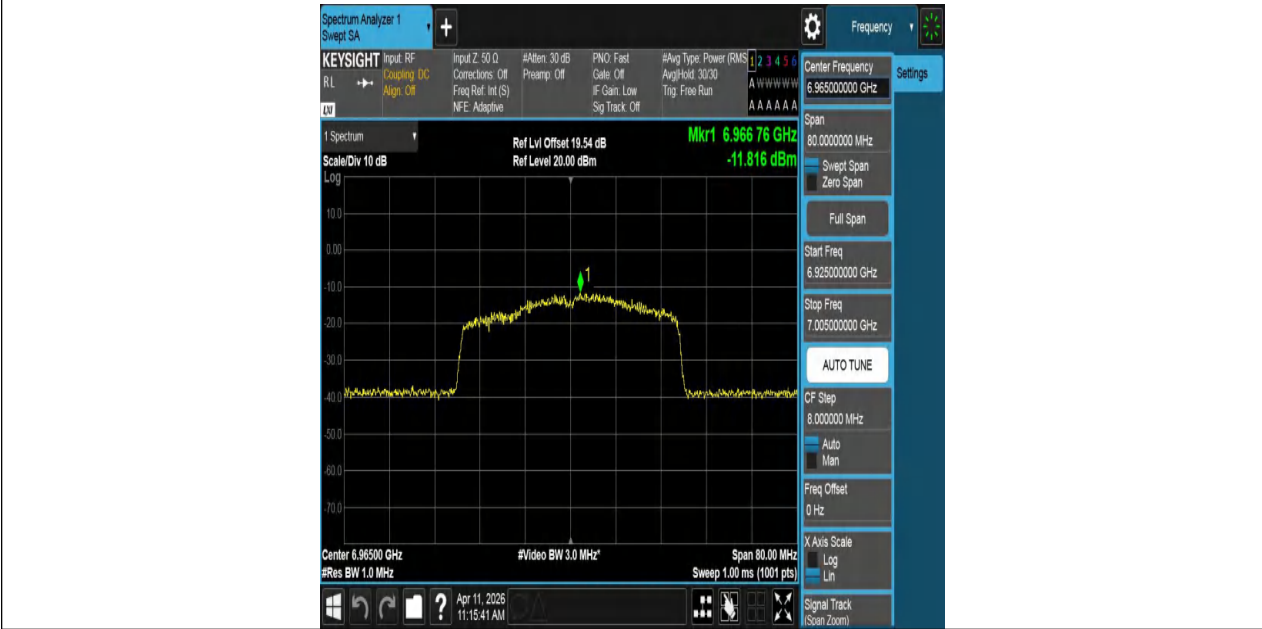
11BE40MIMO-Ant1-6925-PASS



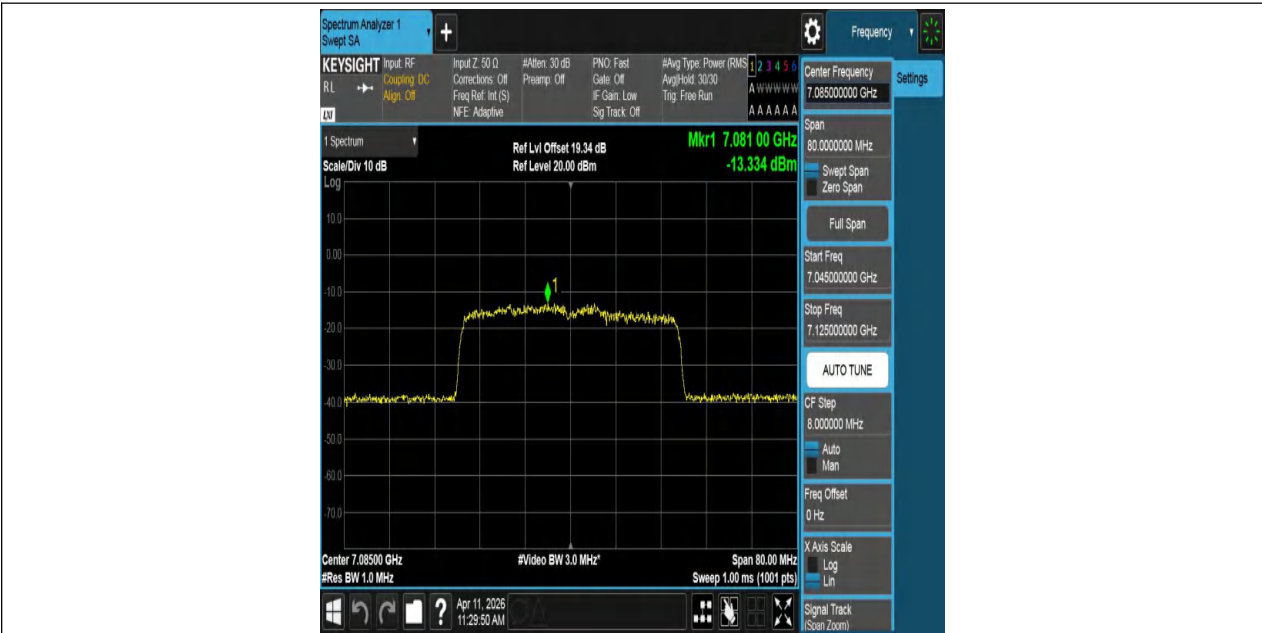
11BE40MIMO-Ant2-6925-PASS



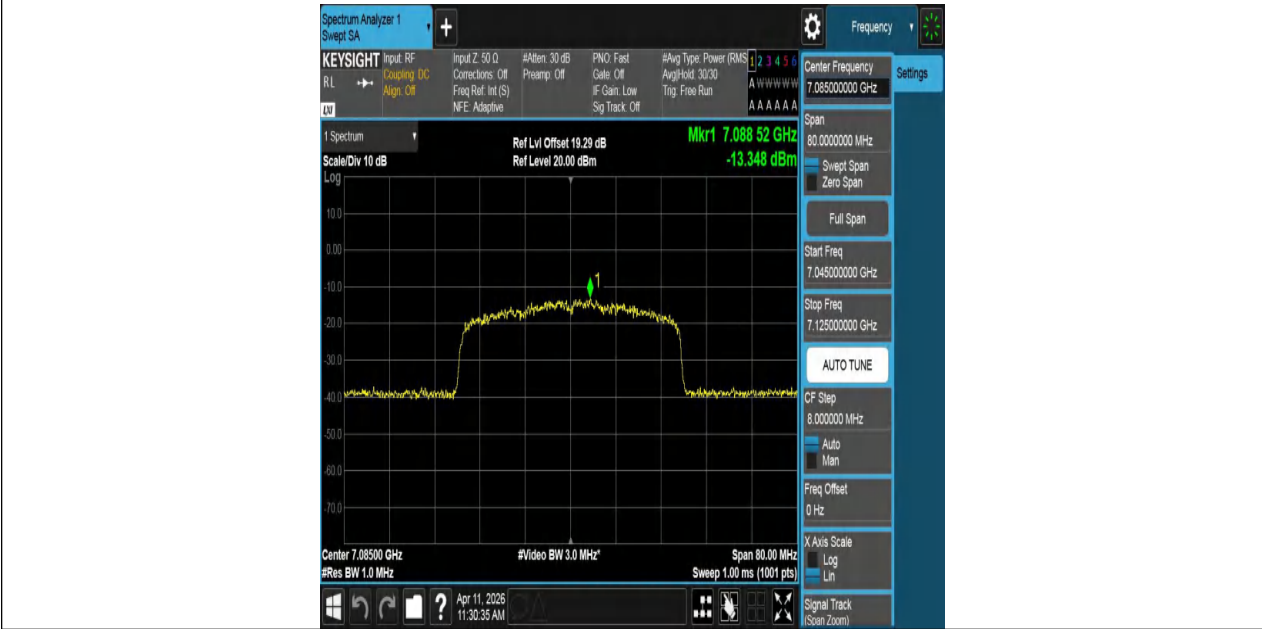
11BE40MIMO-Ant1-6965-PASS



11BE40MIMO-Ant2-6965-PASS

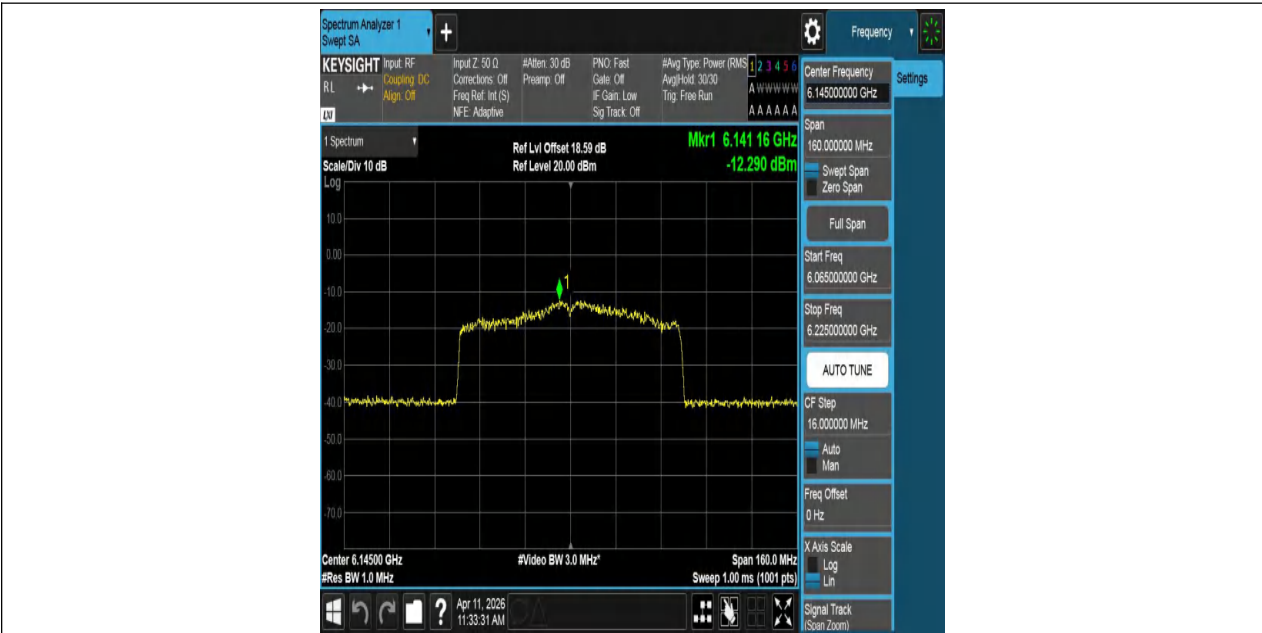


11BE40MIMO-Ant1-7085-PASS

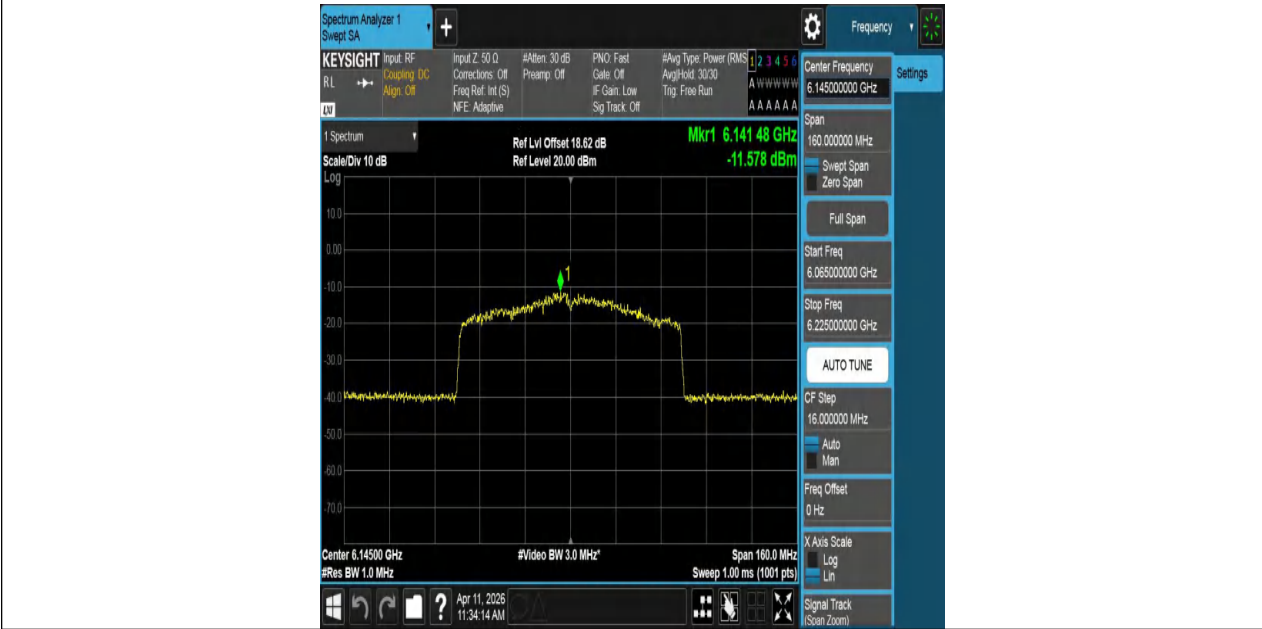


11BE40MIMO-Ant2-7085-PASS

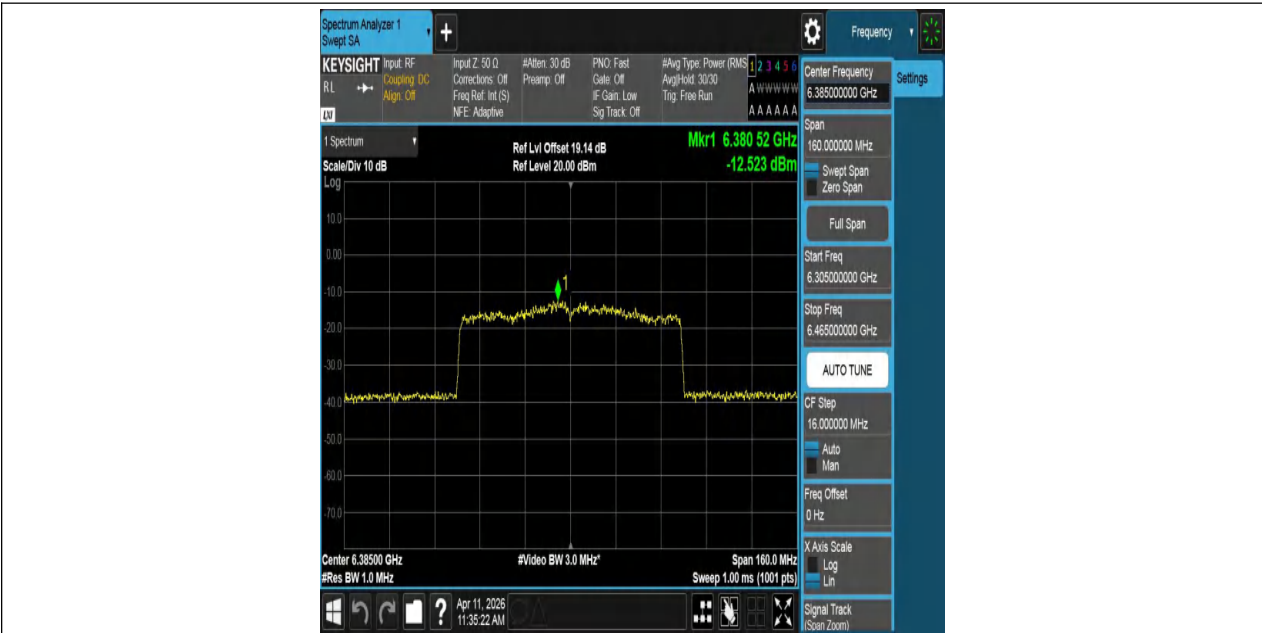




11BE80MIMO-Ant1-6145-PASS



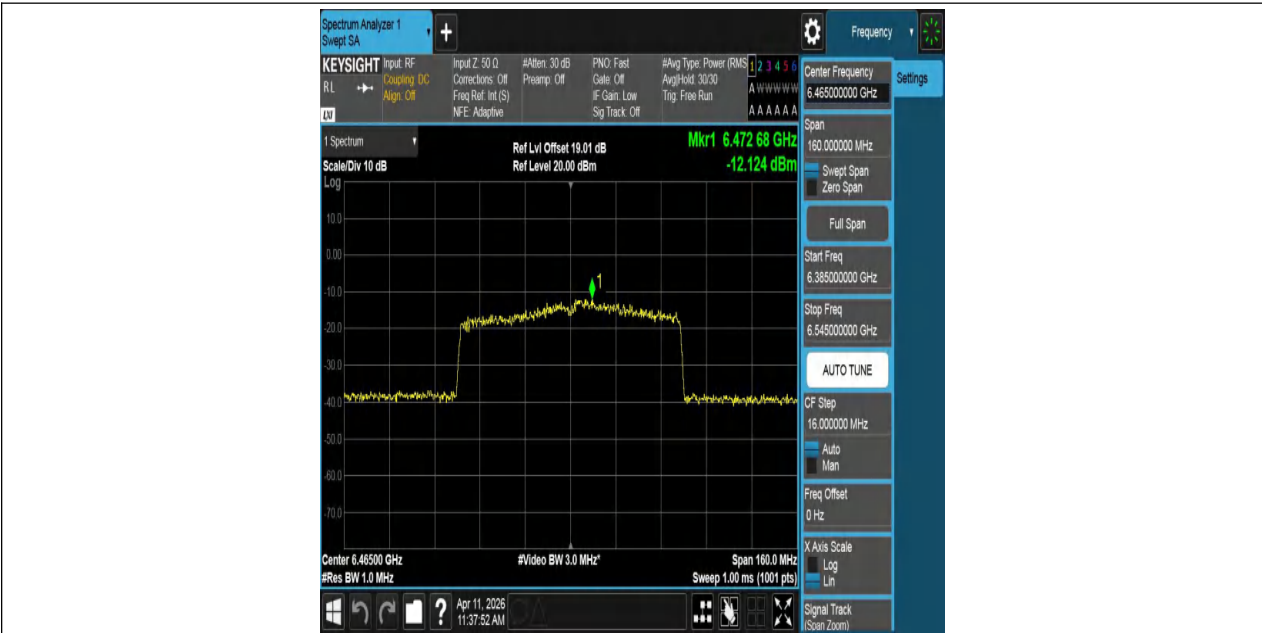
11BE80MIMO-Ant2-6145-PASS



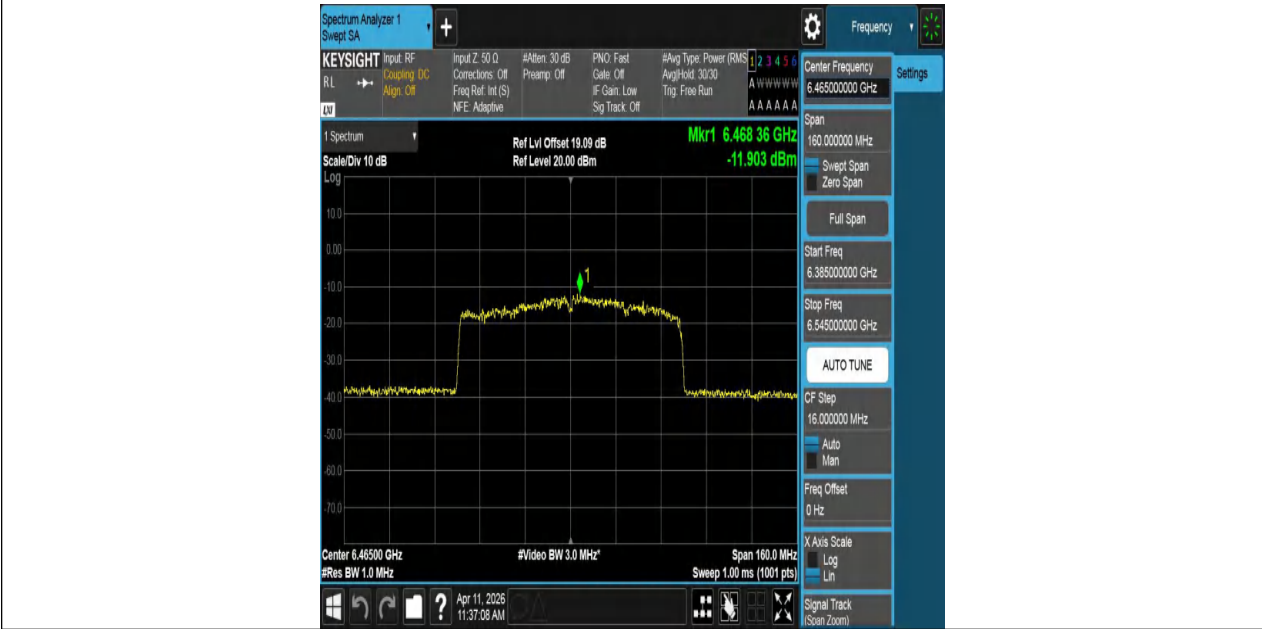
11BE80MIMO-Ant1-6385-PASS



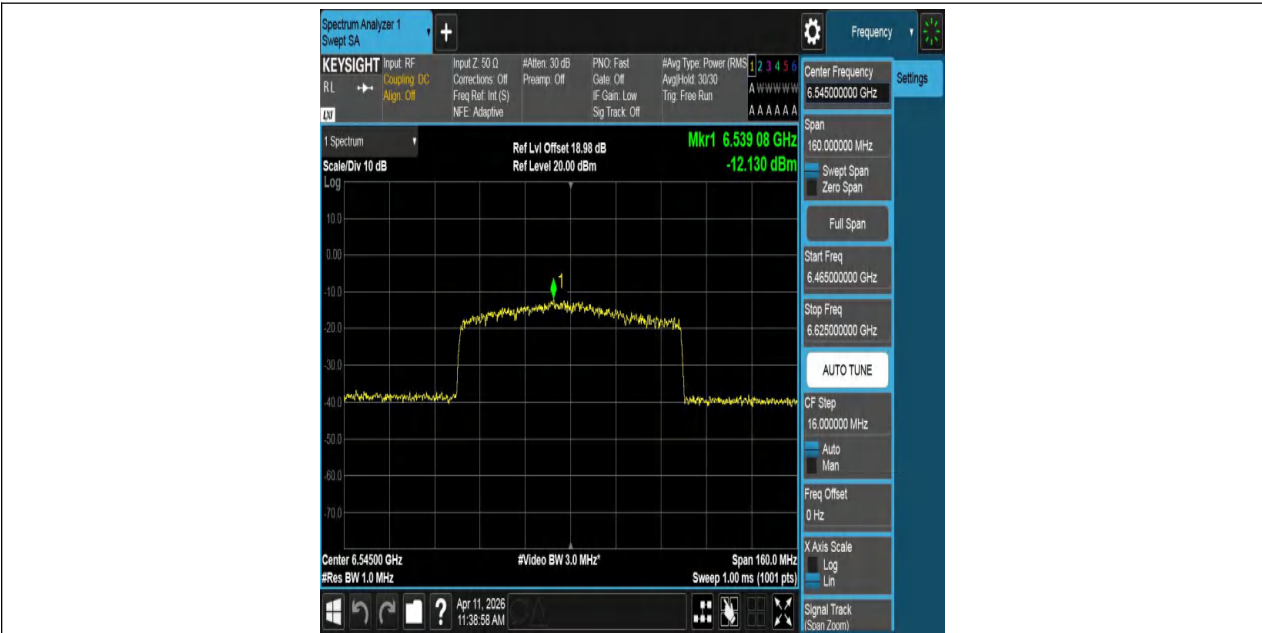
11BE80MIMO-Ant2-6385-PASS



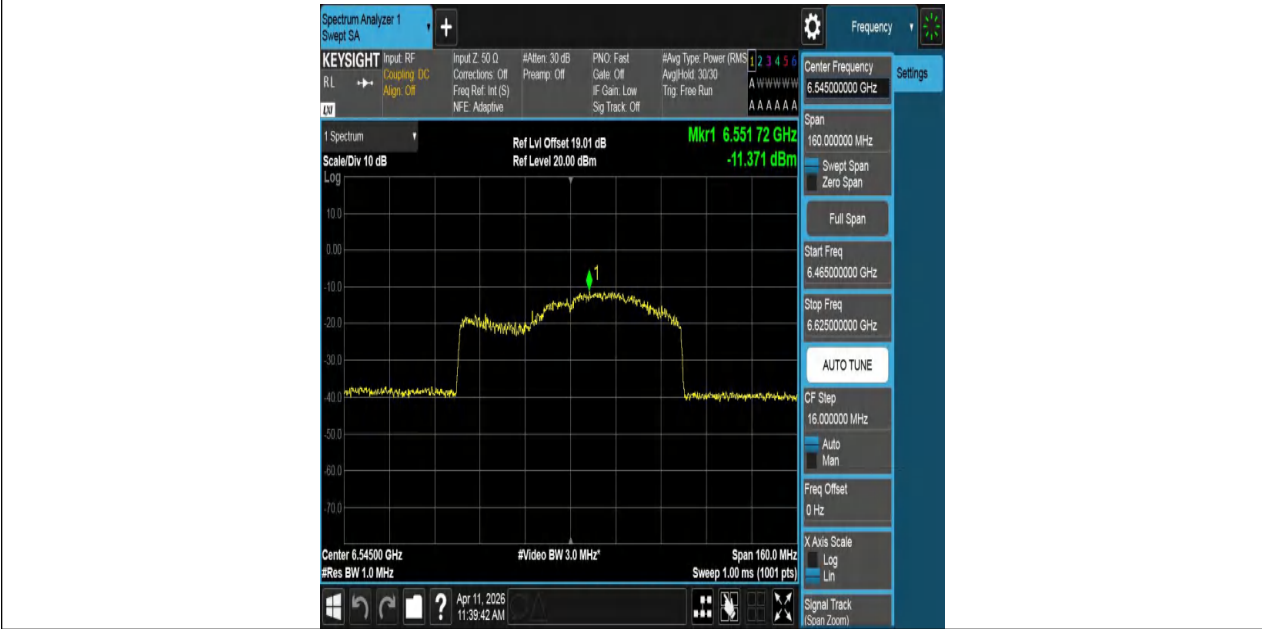
11BE80MIMO-Ant2-6465-PASS



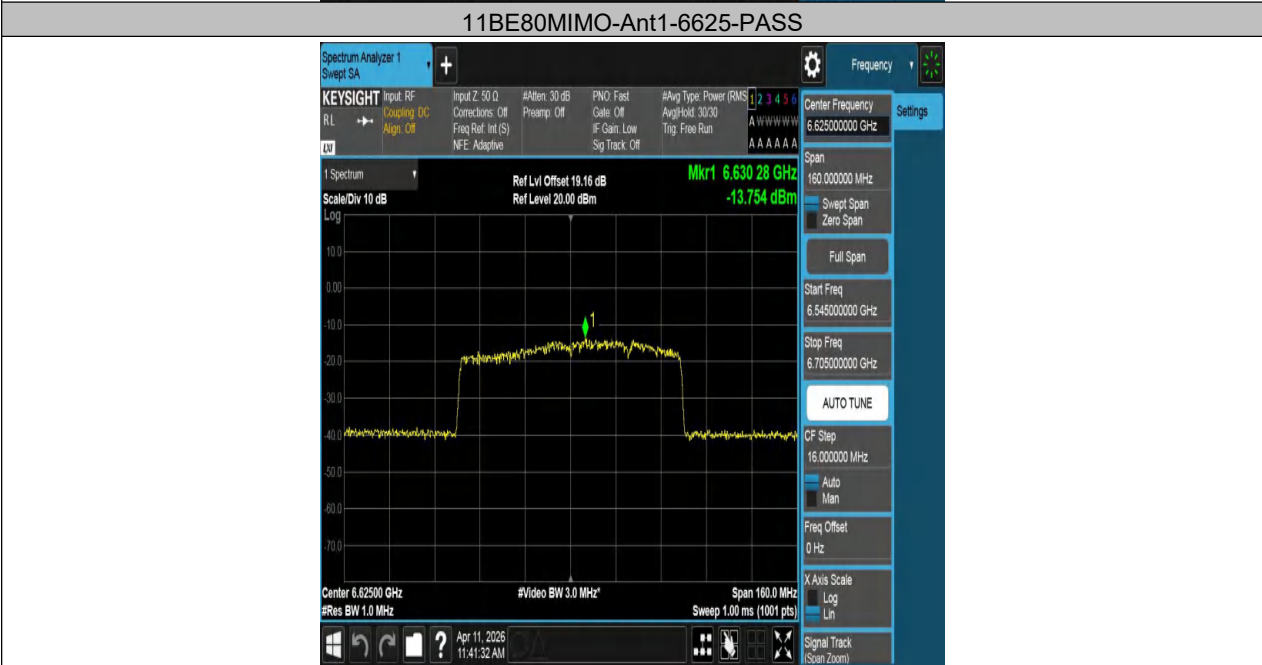
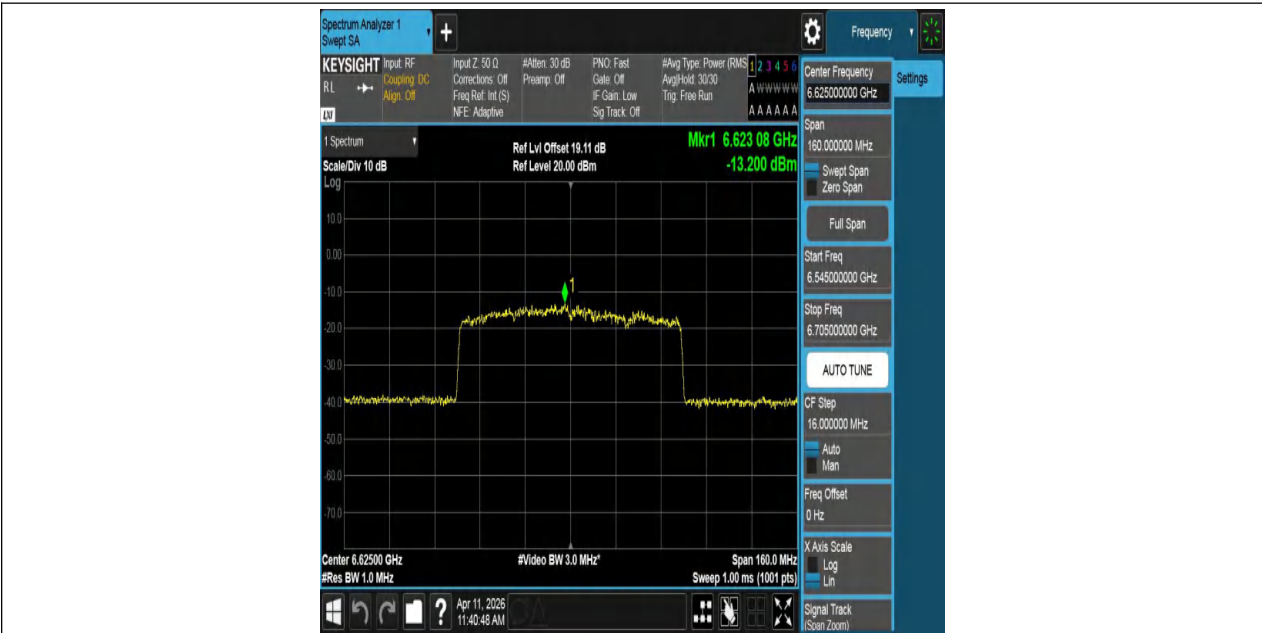
11BE80MIMO-Ant1-6465-PASS

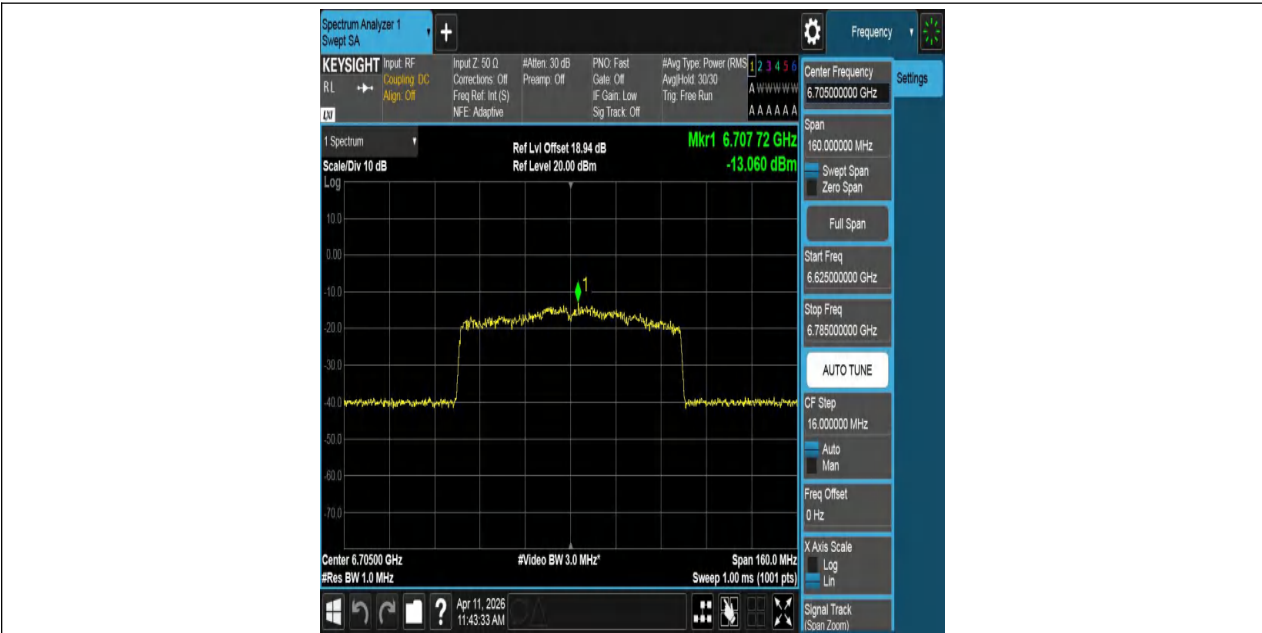


11BE80MIMO-Ant1-6545-PASS

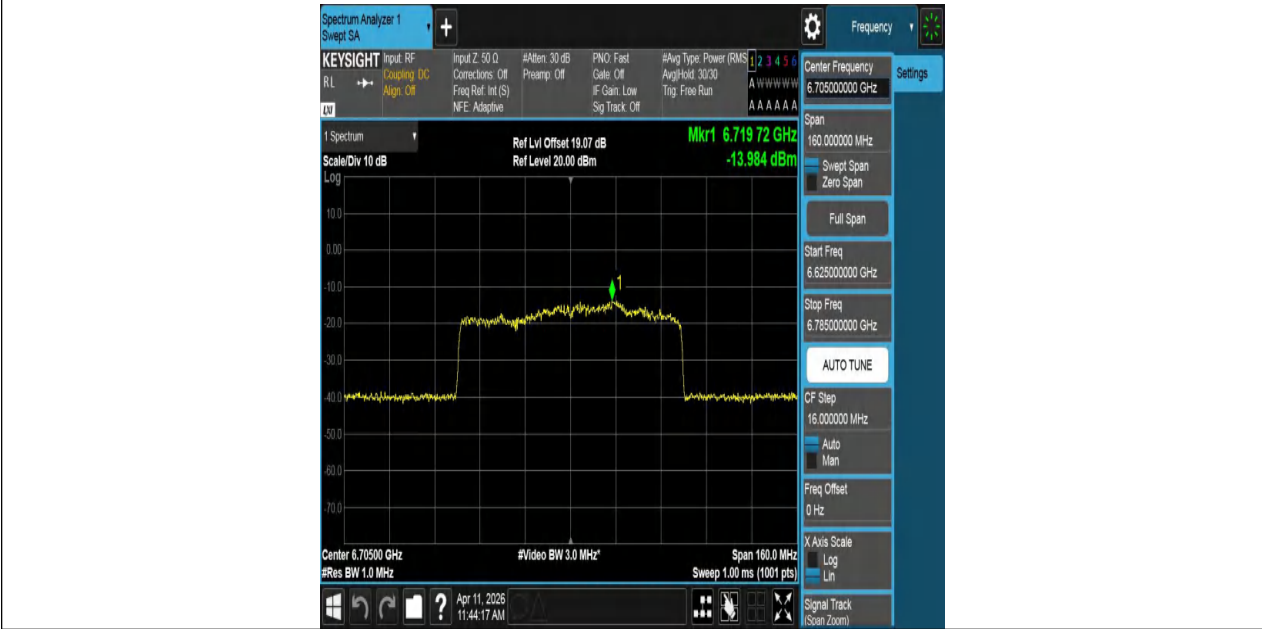


11BE80MIMO-Ant2-6545-PASS

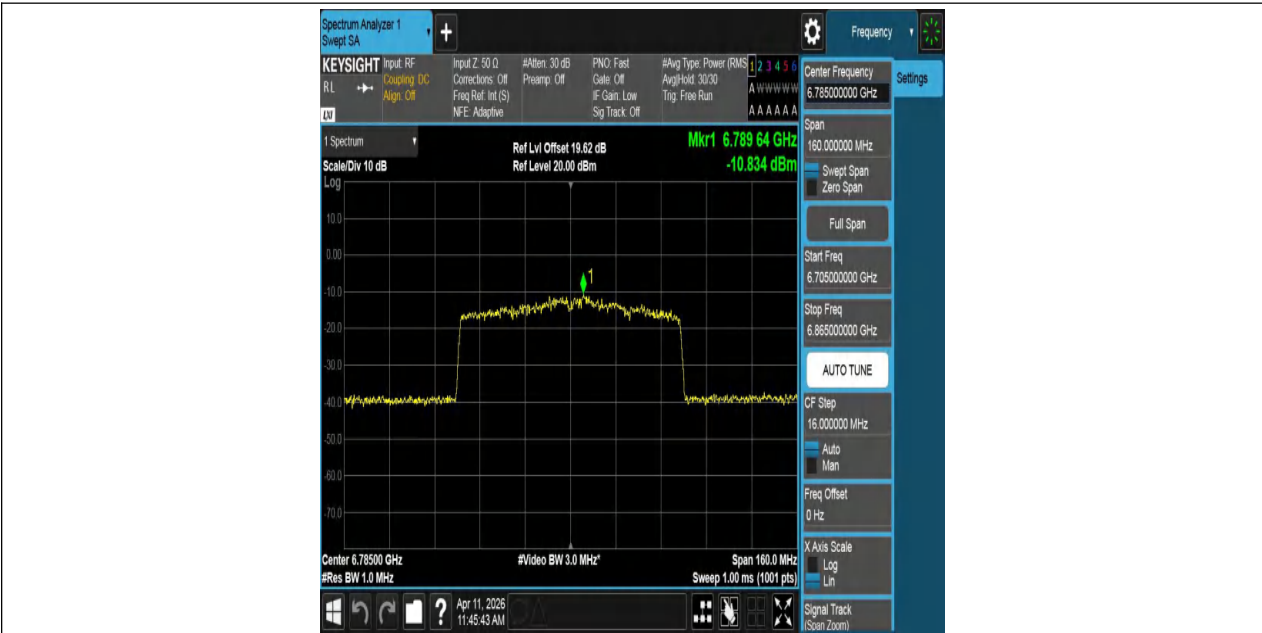




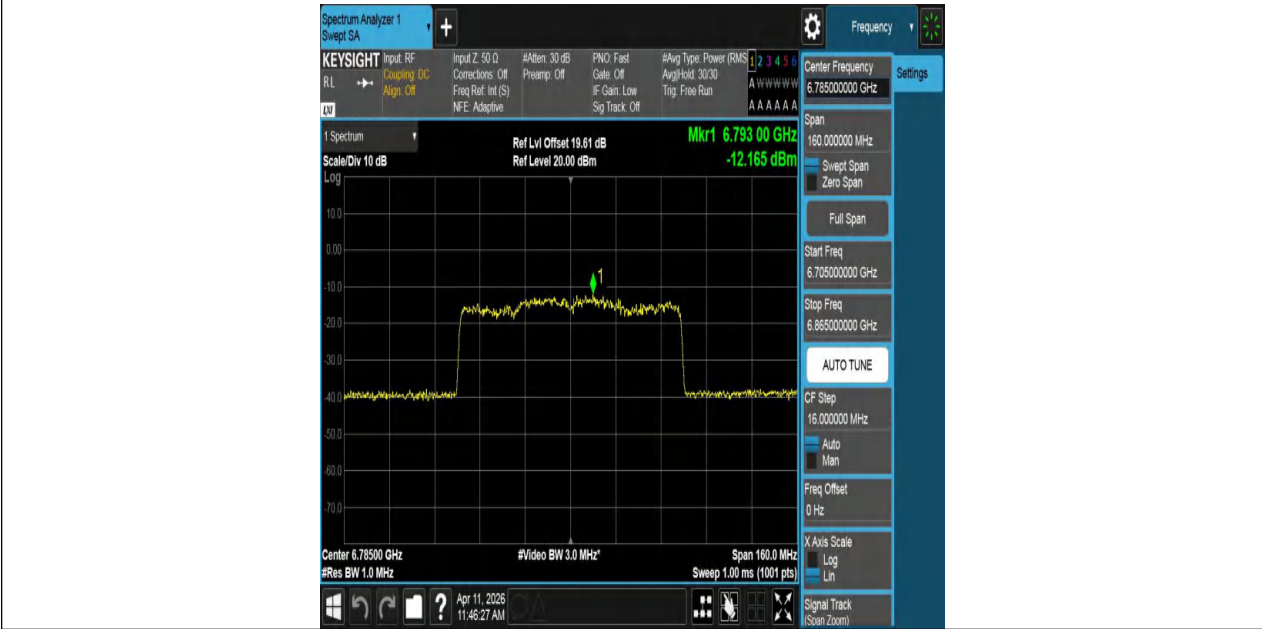
11BE80MIMO-Ant1-6705-PASS



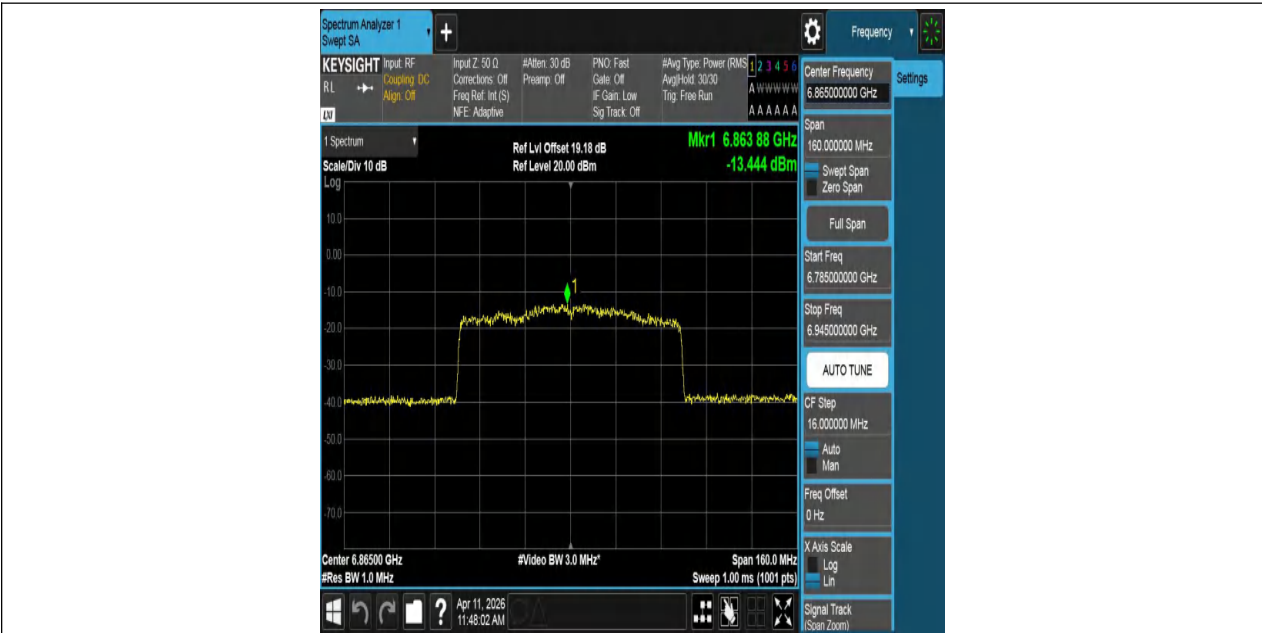
11BE80MIMO-Ant2-6705-PASS



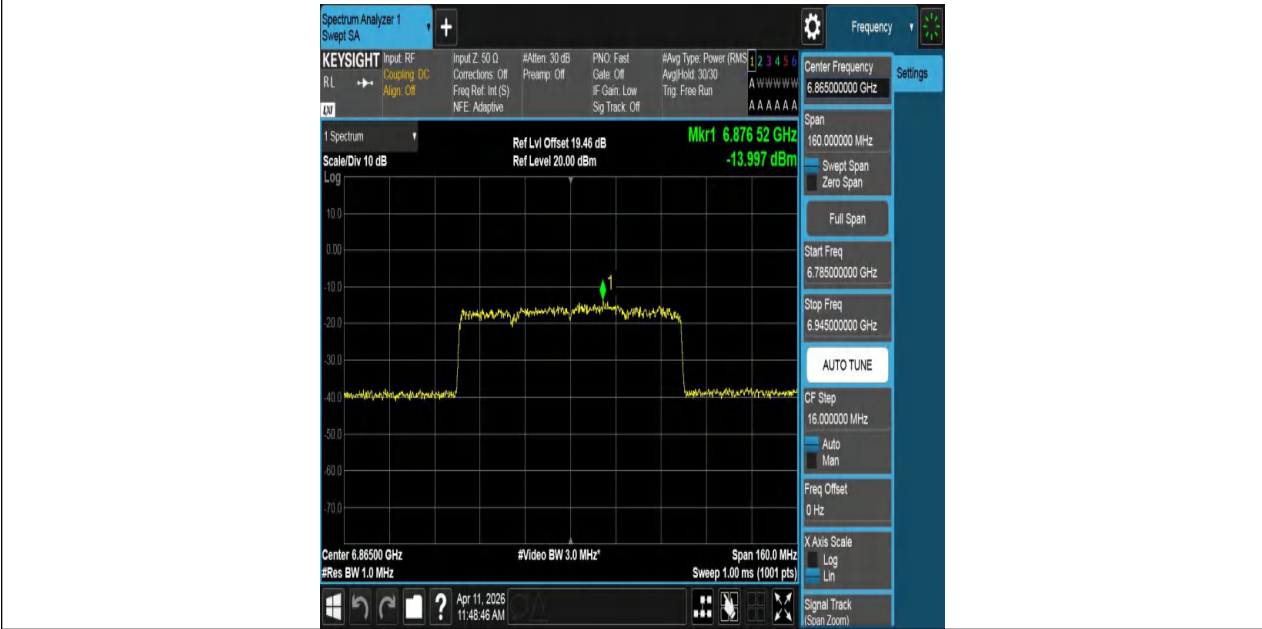
11BE80MIMO-Ant1-6785-PASS



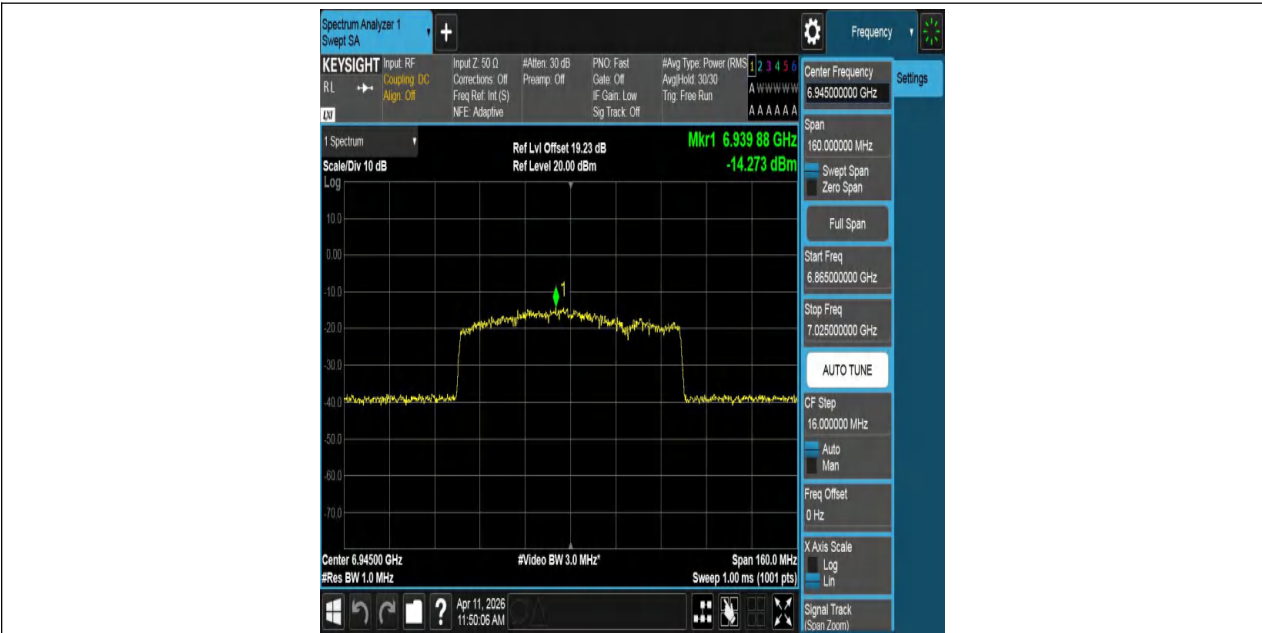
11BE80MIMO-Ant2-6785-PASS



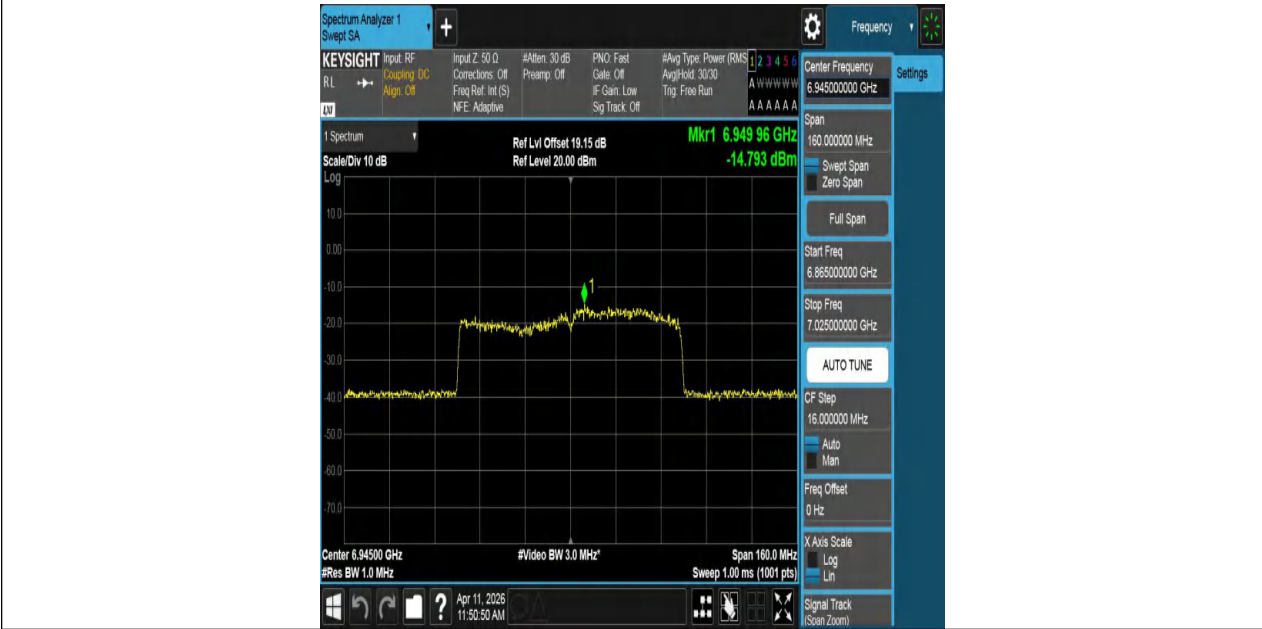
11BE80MIMO-Ant1-6865-PASS



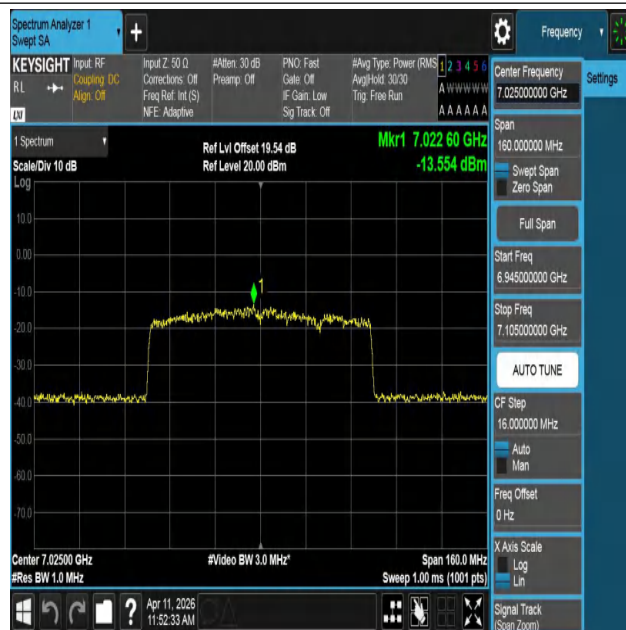
11BE80MIMO-Ant2-6865-PASS



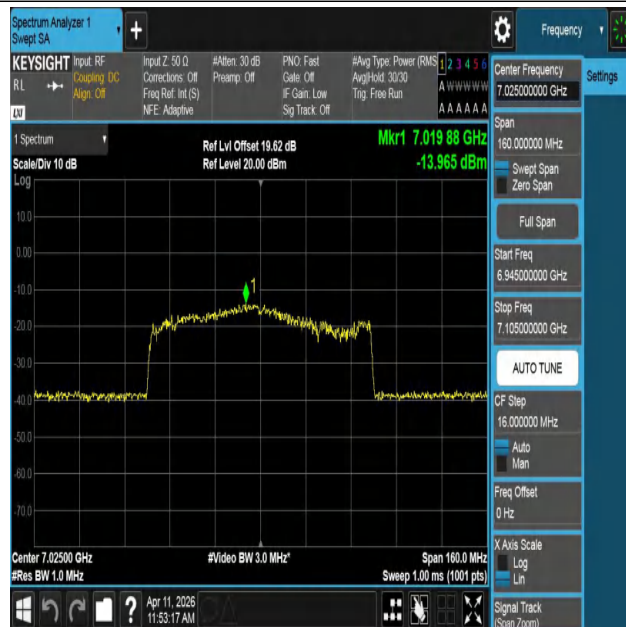
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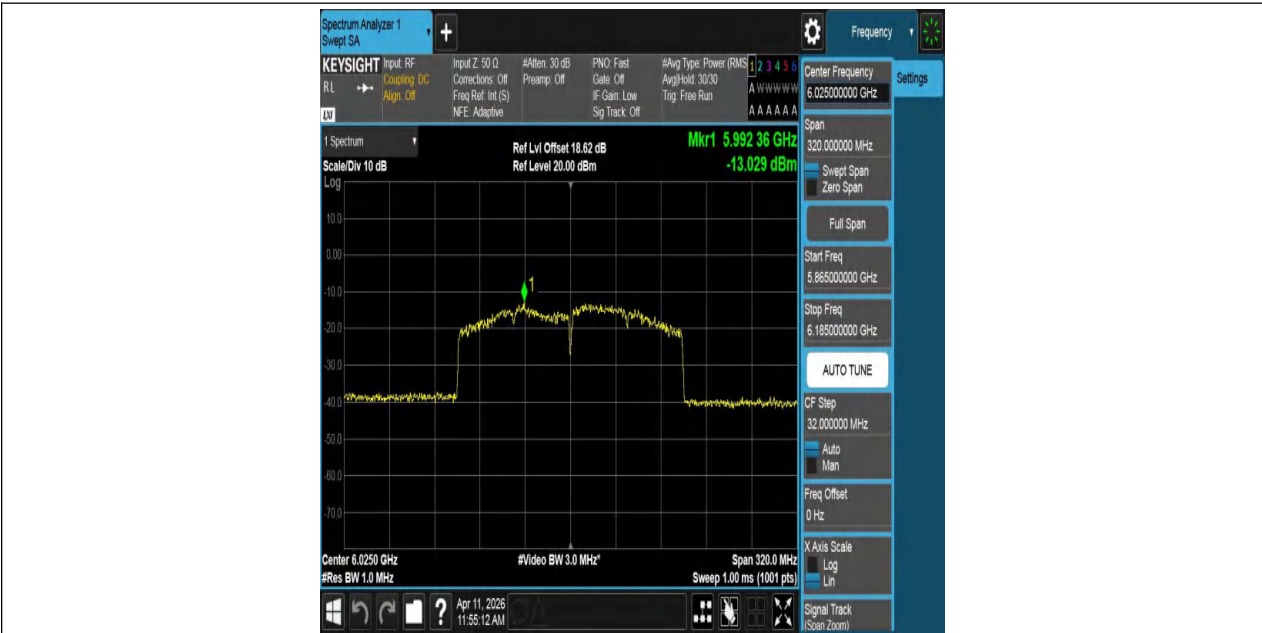
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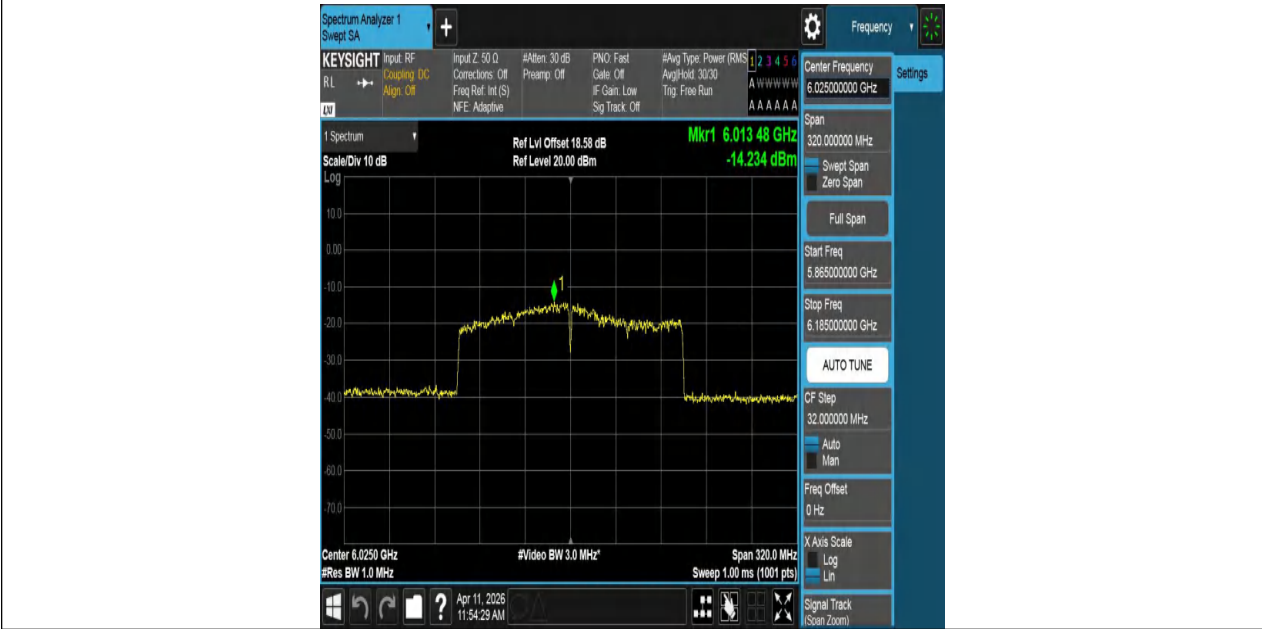
11BE80MIMO-Ant1-7025-PASS



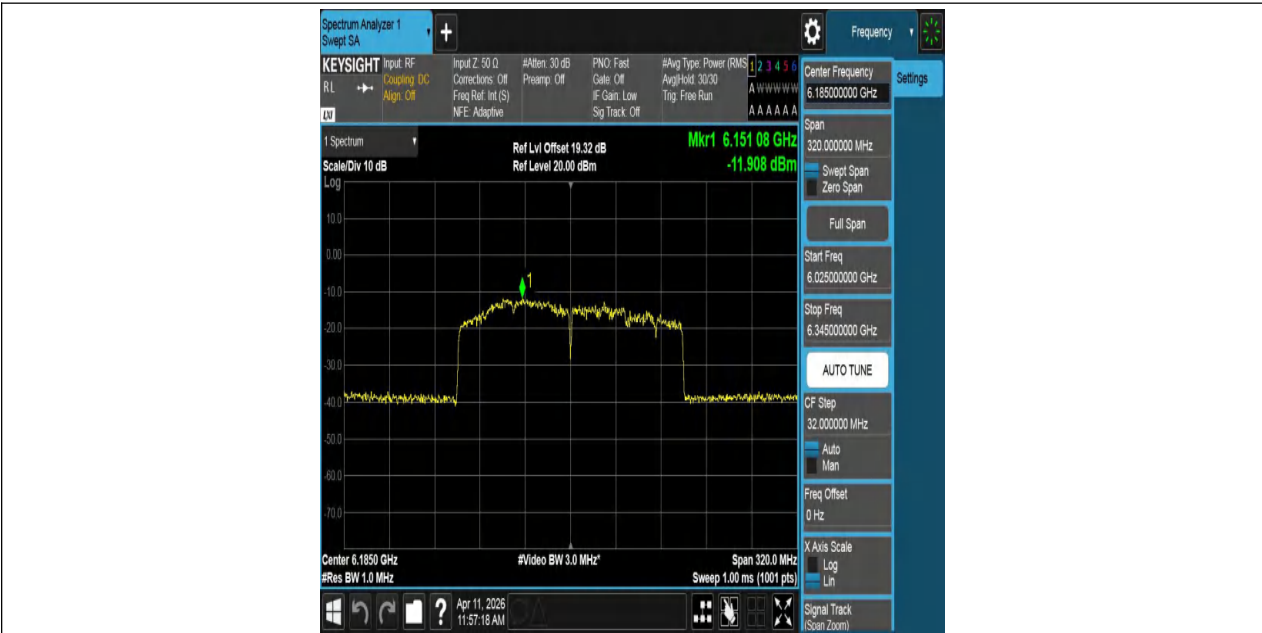
11BE80MIMO-Ant2-7025-PASS



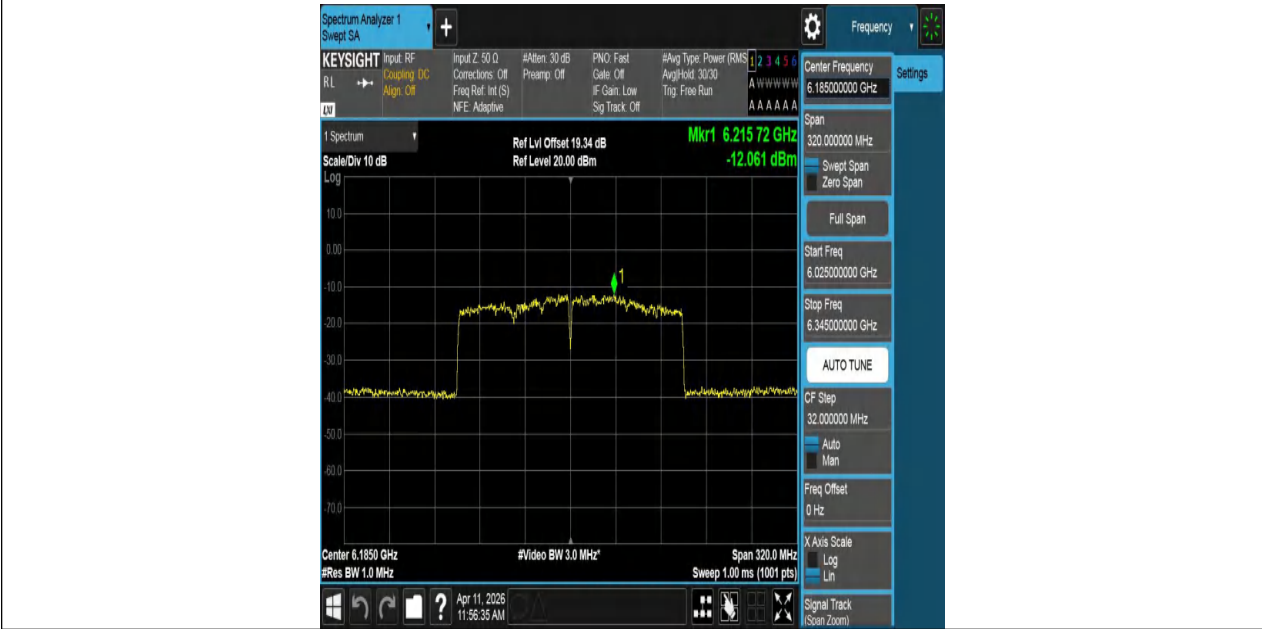
11BE160MIMO-Ant2-6025-PASS



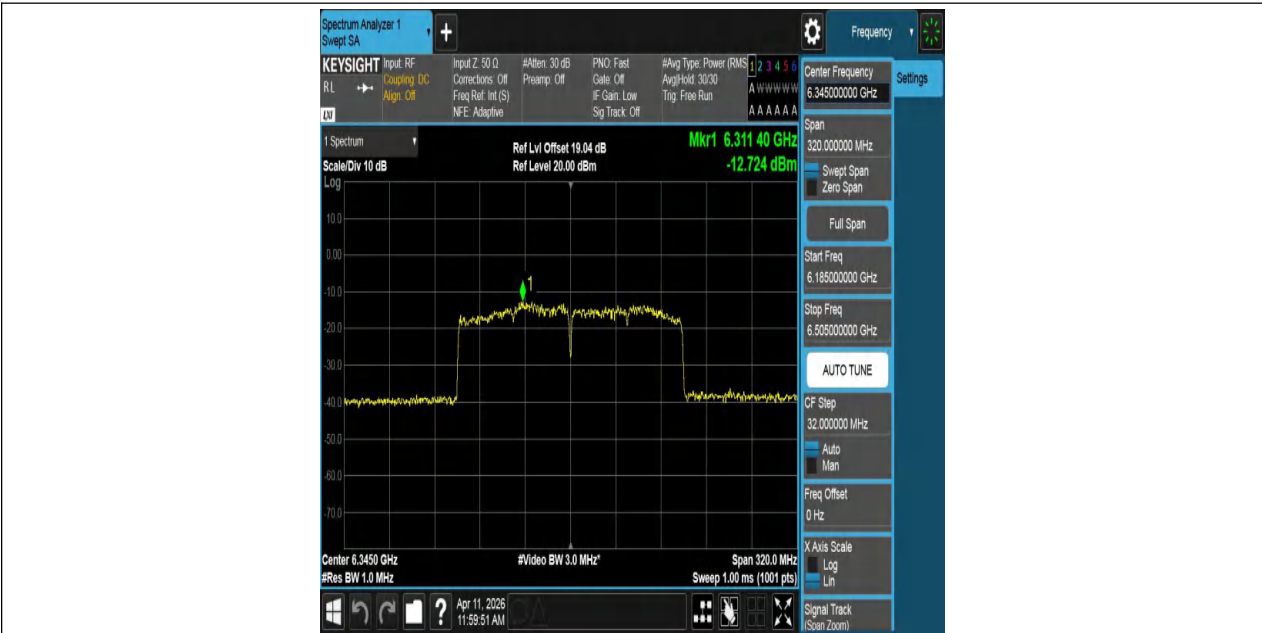
11BE160MIMO-Ant1-6025-PASS



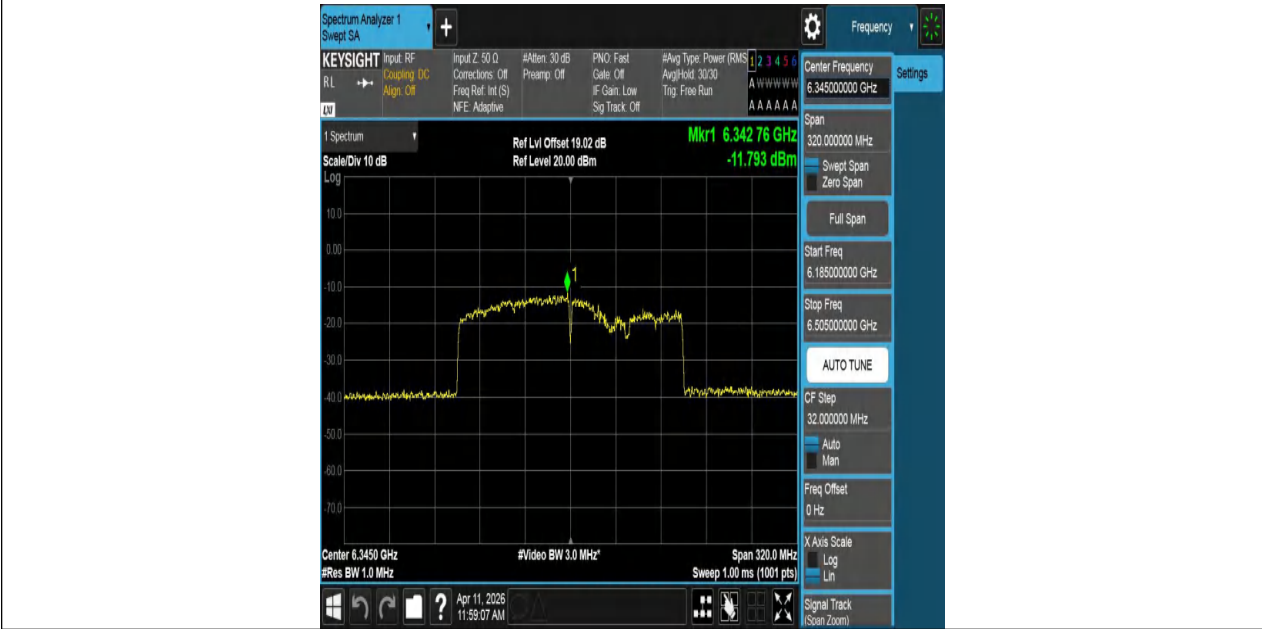
11BE160MIMO-Ant2-6185-PASS



11BE160MIMO-Ant1-6185-PASS



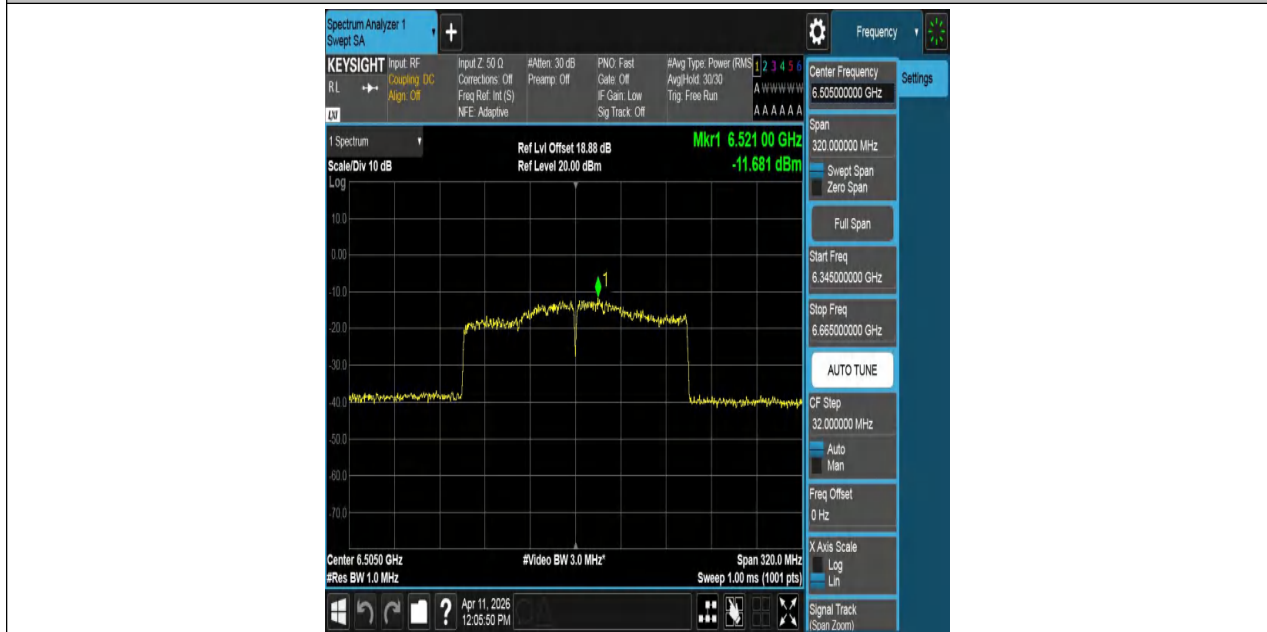
11BE160MIMO-Ant2-6345-PASS



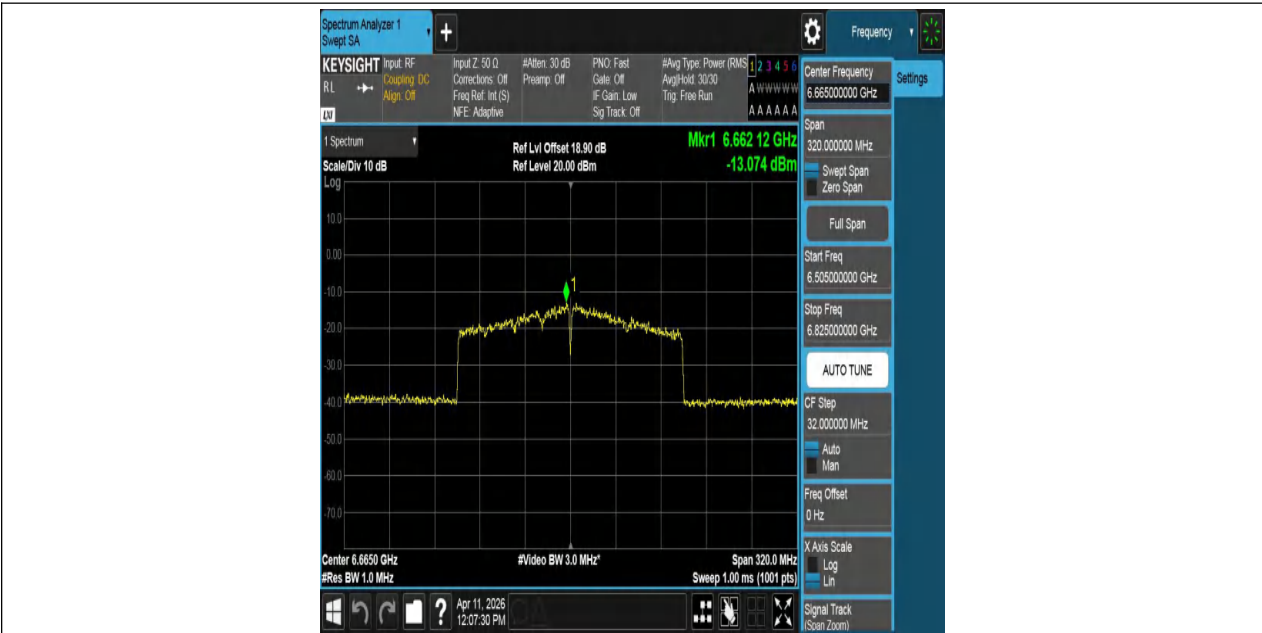
11BE160MIMO-Ant1-6345-PASS



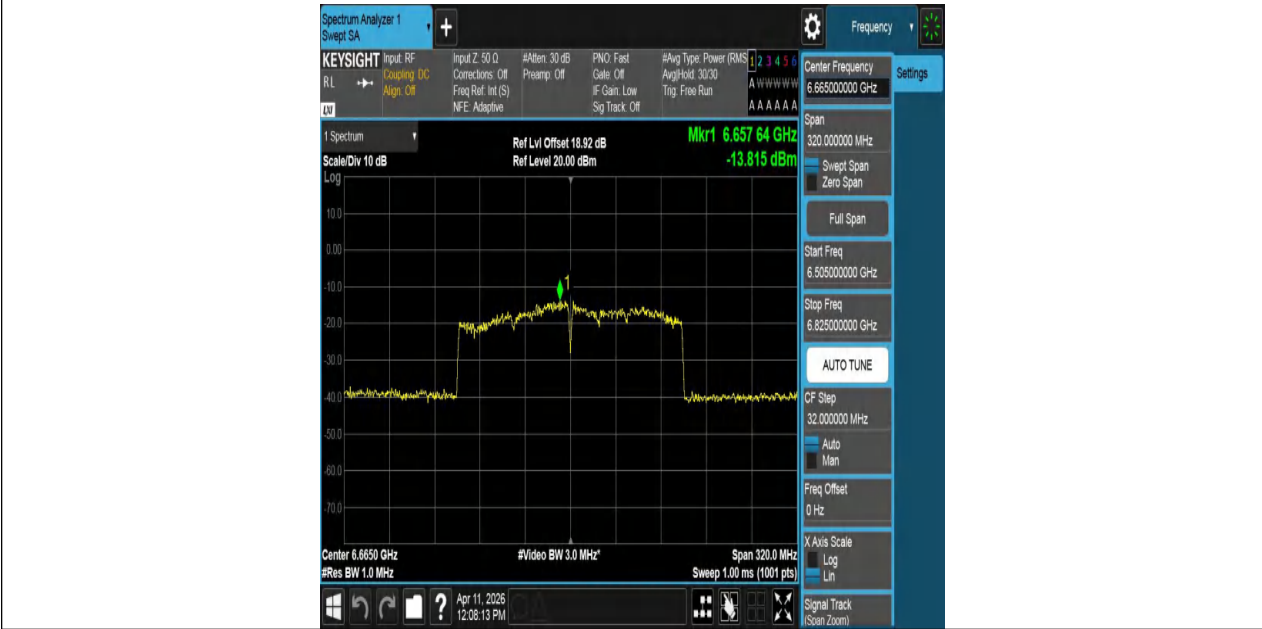
11BE160MIMO-Ant1-6505-PASS



11BE160MIMO-Ant2-6505-PASS



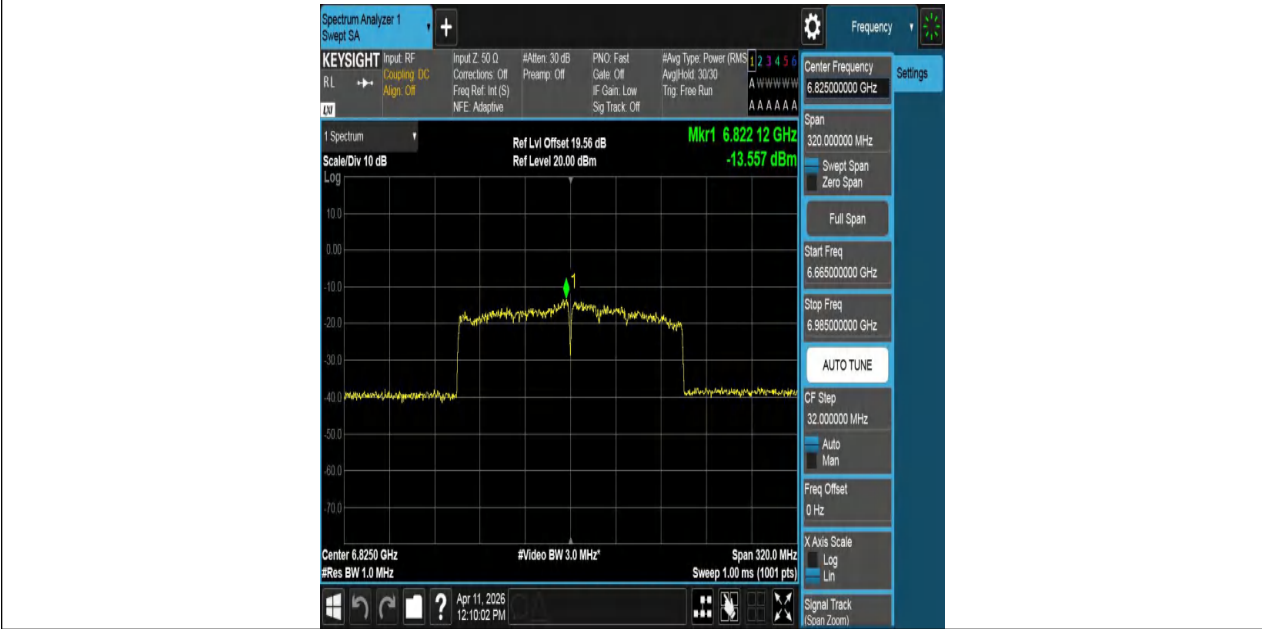
11BE160MIMO-Ant1-6665-PASS



11BE160MIMO-Ant2-6665-PASS



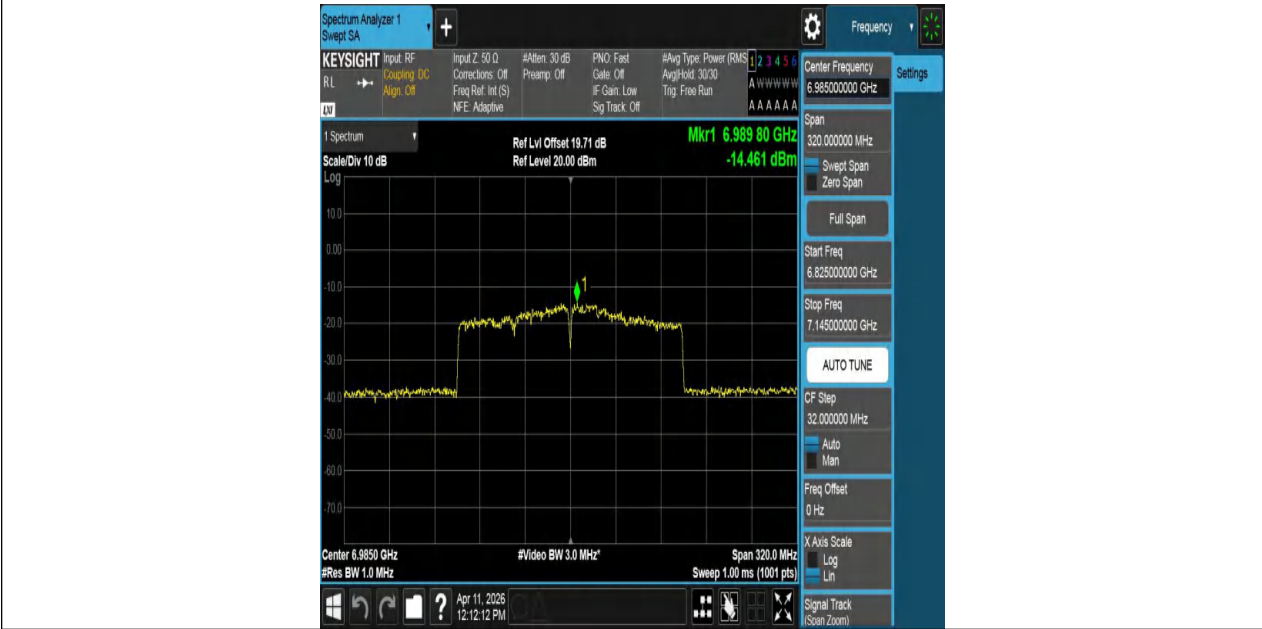
11BE160MIMO-Ant2-6825-PASS



11BE160MIMO-Ant1-6825-PASS



11BE160MIMO-Ant2-6985-PASS



11BE160MIMO-Ant1-6985-PASS

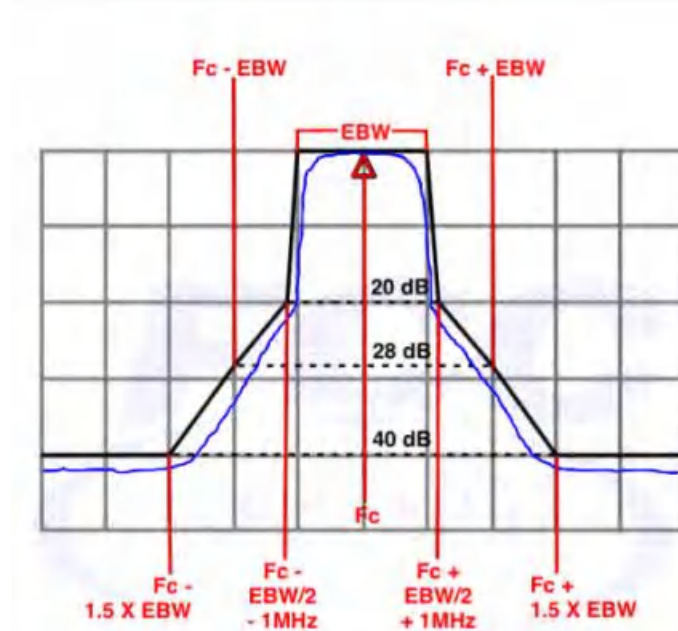
12. In-Band Emission (Emissions Mask)

12.1. Block diagram of test setup

Same as section 8.1

12.2. Limits

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.



12.3. Test Procedure

We tested according to Procedure J in KDB 987594 D02.

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 ANSIC63.10-2013.
3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10. (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 23X RBW.
 - d. Number of points in sweep 2 (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.
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

12.4. Test result

Test Mode	Antenna	Frequency(MHz)	Result	Limit	Verdict
11AX20MIMO	Ant1	5955	See test graph	See test graph	PASS
11AX20MIMO	Ant2	5955	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6175	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6175	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6415	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6415	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6435	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6435	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6475	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6475	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6515	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6515	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6535	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6535	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6695	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6695	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6855	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6855	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6875	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6875	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6895	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6895	See test graph	See test graph	PASS
11AX20MIMO	Ant1	6995	See test graph	See test graph	PASS
11AX20MIMO	Ant2	6995	See test graph	See test graph	PASS
11AX20MIMO	Ant1	7115	See test graph	See test graph	PASS
11AX20MIMO	Ant2	7115	See test graph	See test graph	PASS
11AX40MIMO	Ant1	5965	See test graph	See test graph	PASS
11AX40MIMO	Ant2	5965	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6165	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6165	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6405	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6405	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6445	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6445	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6485	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6485	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6525	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6525	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6565	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6565	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6685	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6685	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6845	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6845	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6885	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6885	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6925	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6925	See test graph	See test graph	PASS
11AX40MIMO	Ant1	6965	See test graph	See test graph	PASS
11AX40MIMO	Ant2	6965	See test graph	See test graph	PASS
11AX40MIMO	Ant1	7085	See test graph	See test graph	PASS
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11AX80MIMO	Ant1	5985	See test graph	See test graph	PASS

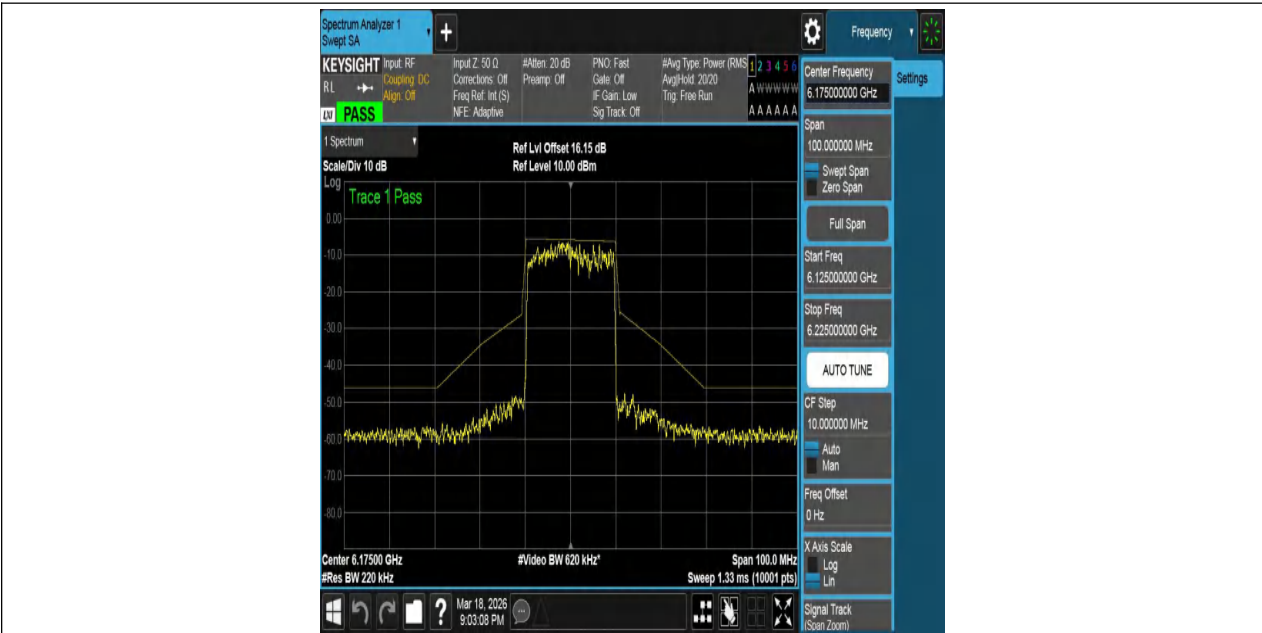
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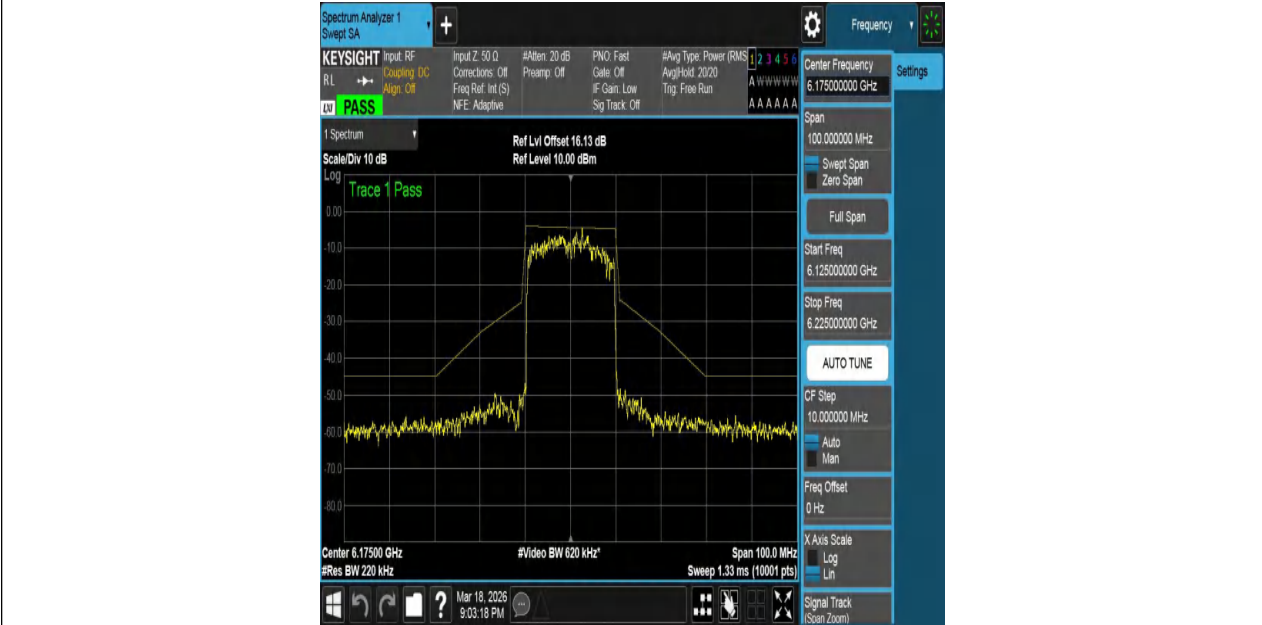
11BE160MIMO	Ant2	6185	See test graph	See test graph	PASS
11BE160MIMO	Ant1	6345	See test graph	See test graph	PASS
11BE160MIMO	Ant2	6345	See test graph	See test graph	PASS
11BE160MIMO	Ant1	6505	See test graph	See test graph	PASS
11BE160MIMO	Ant2	6505	See test graph	See test graph	PASS
11BE160MIMO	Ant1	6665	See test graph	See test graph	PASS
11BE160MIMO	Ant2	6665	See test graph	See test graph	PASS
11BE160MIMO	Ant1	6825	See test graph	See test graph	PASS
11BE160MIMO	Ant2	6825	See test graph	See test graph	PASS
11BE160MIMO	Ant1	6985	See test graph	See test graph	PASS
11BE160MIMO	Ant2	6985	See test graph	See test graph	PASS

12.5. Original test data

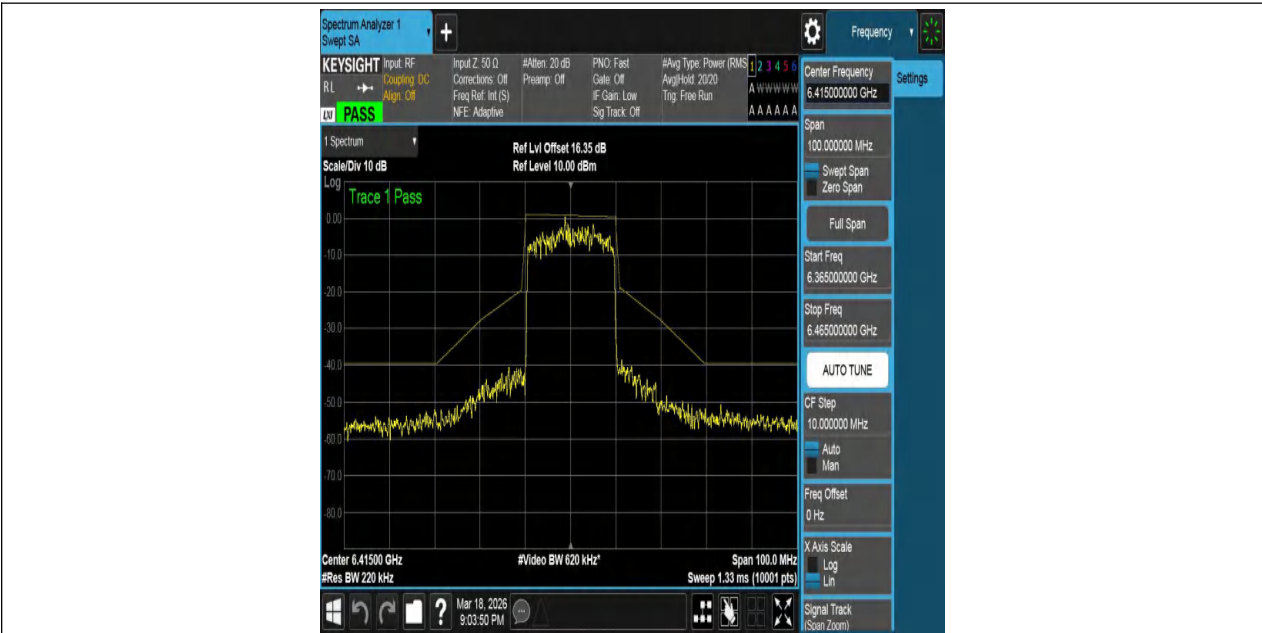




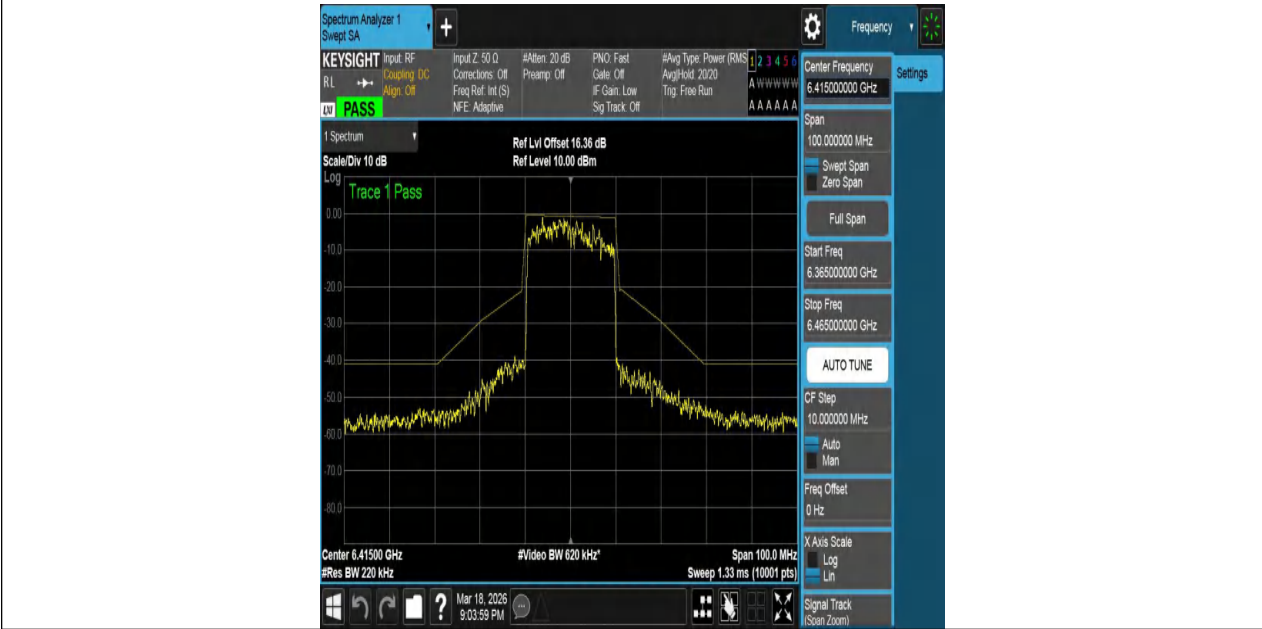
NTNV-11AX20MIMO-Ant1-6175-PASS



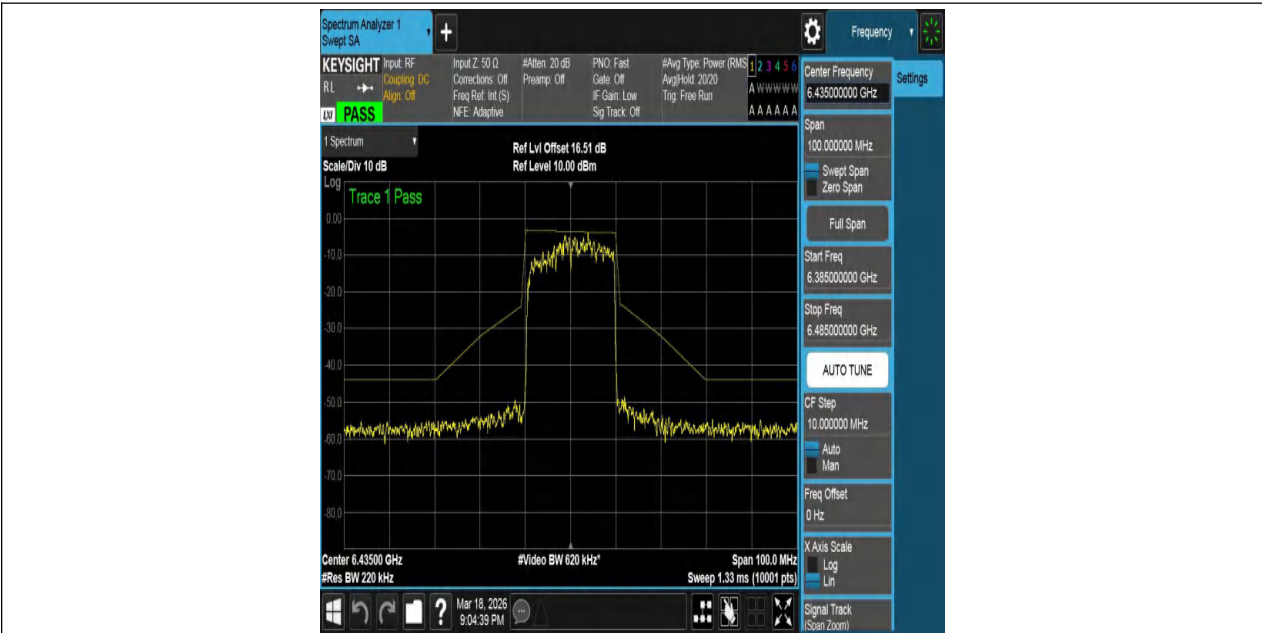
NTNV-11AX20MIMO-Ant2-6175-PASS



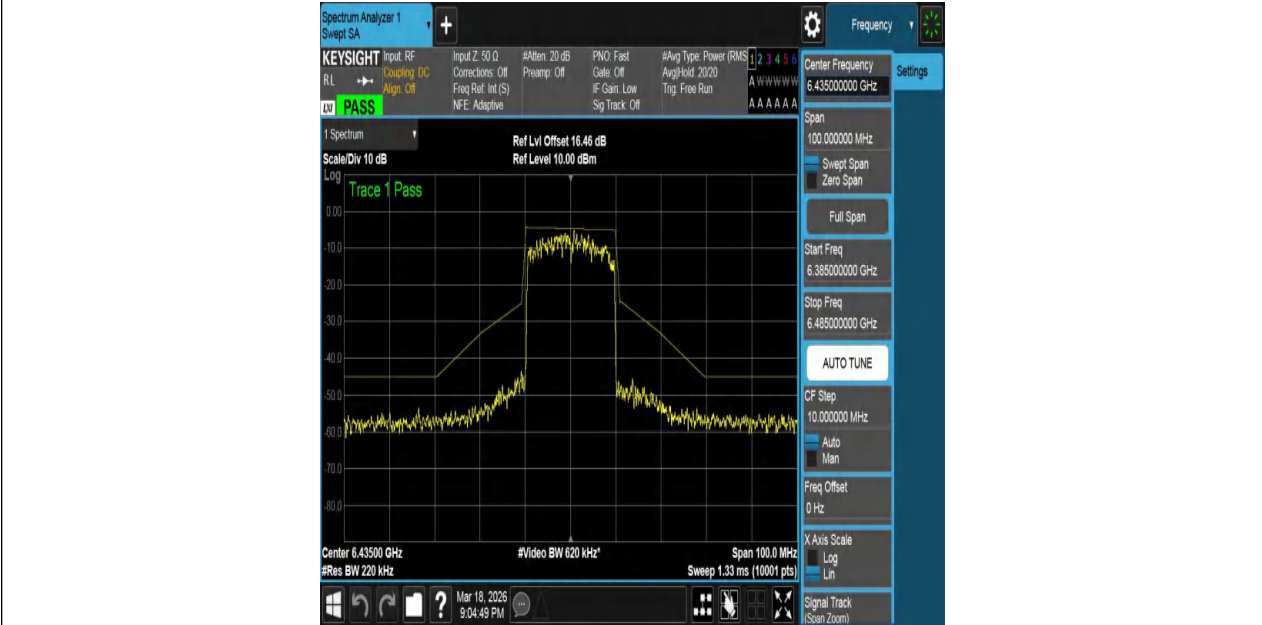
NTNV-11AX20MIMO-Ant1-6415-PASS



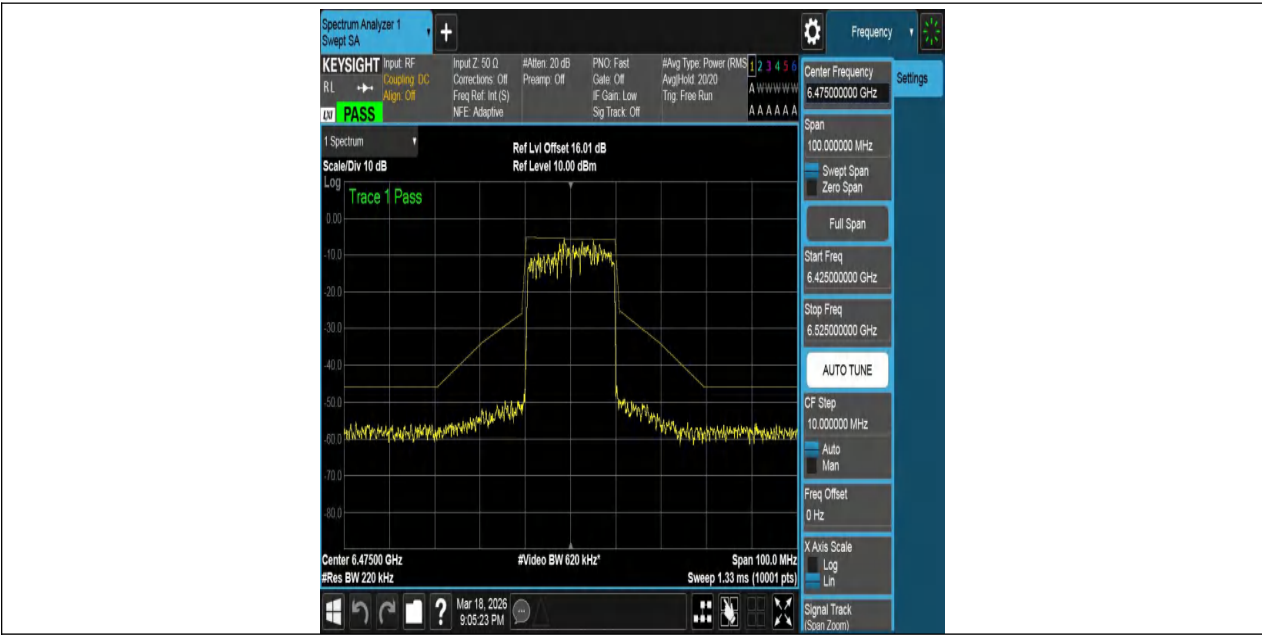
NTNV-11AX20MIMO-Ant2-6415-PASS



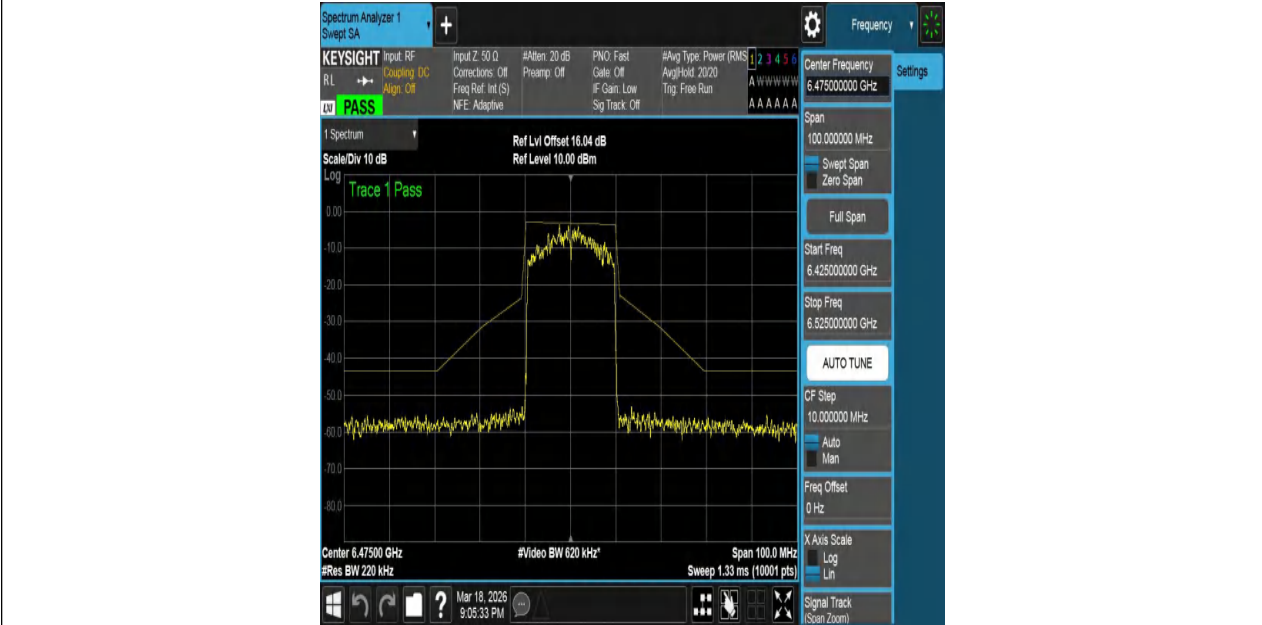
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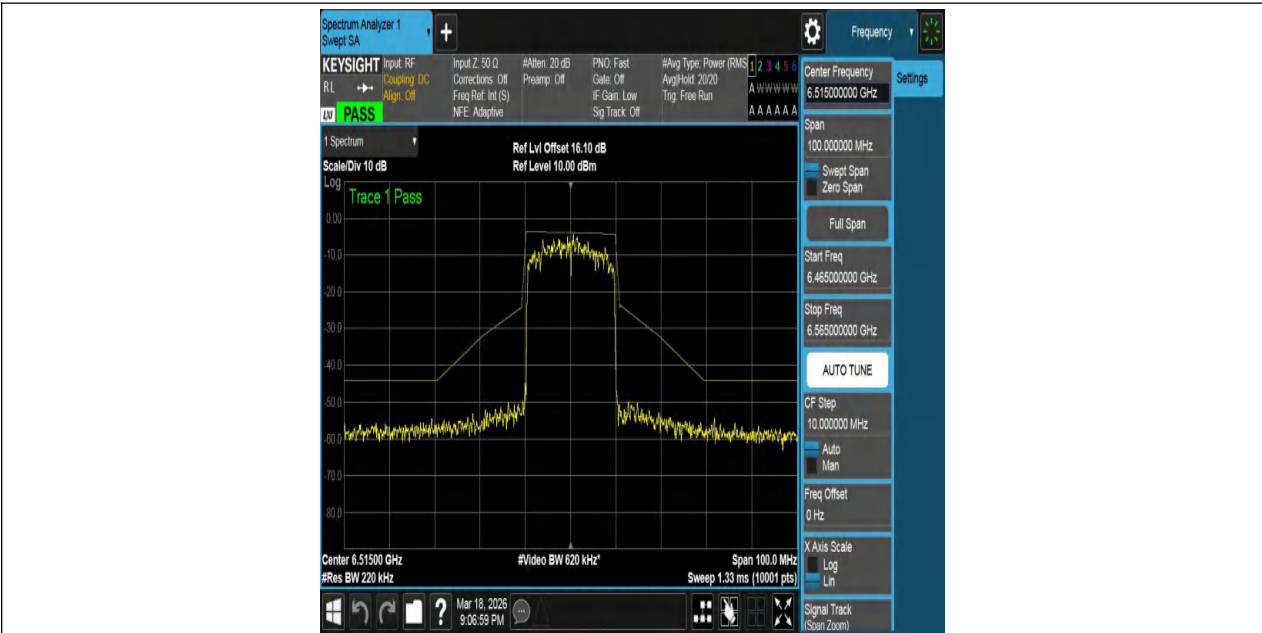
NTNV-11AX20MIMO-Ant2-6435-PASS



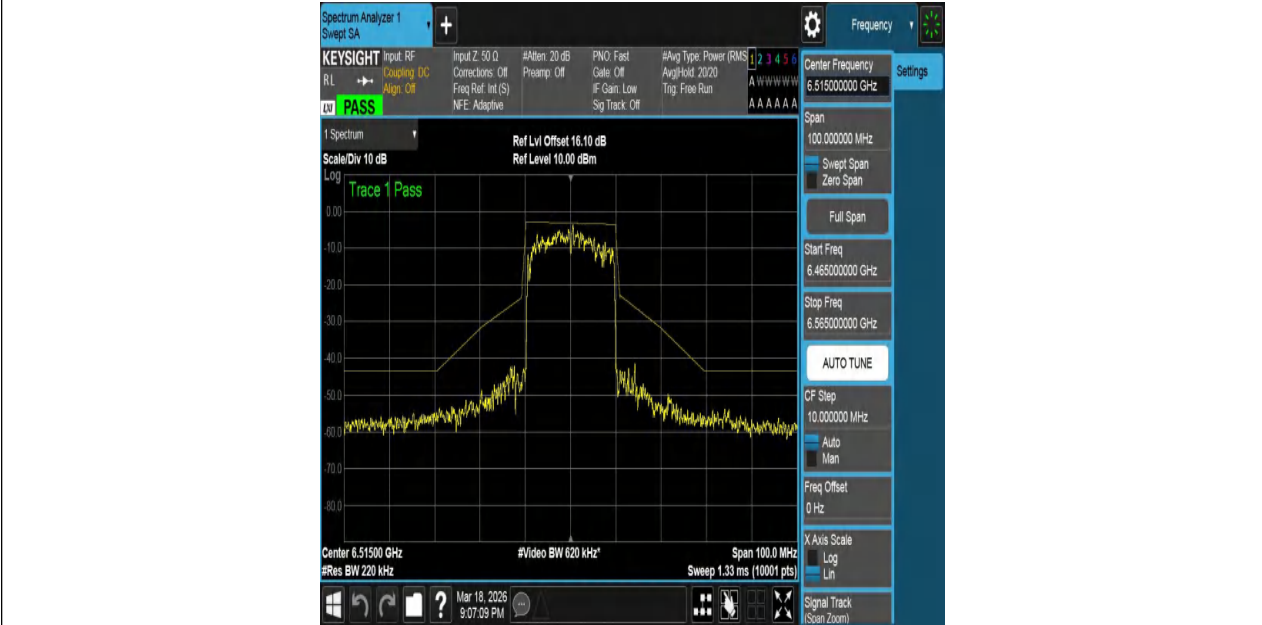
NTNV-11AX20MIMO-Ant1-6475-PASS



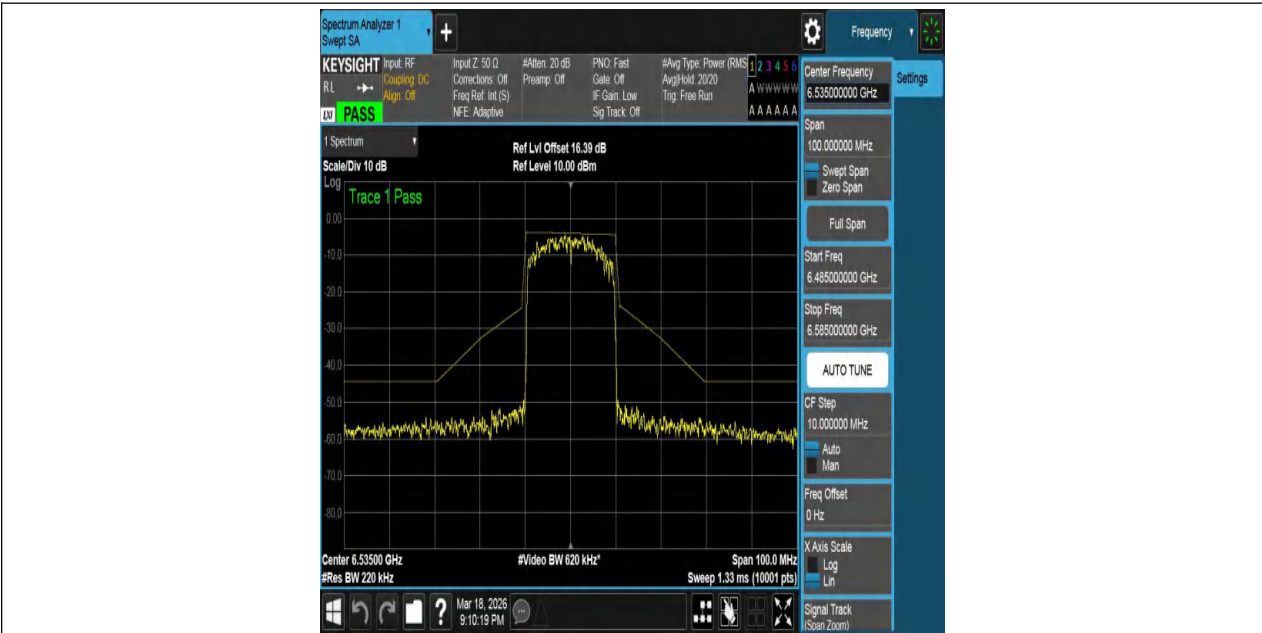
NTNV-11AX20MIMO-Ant2-6475-PASS



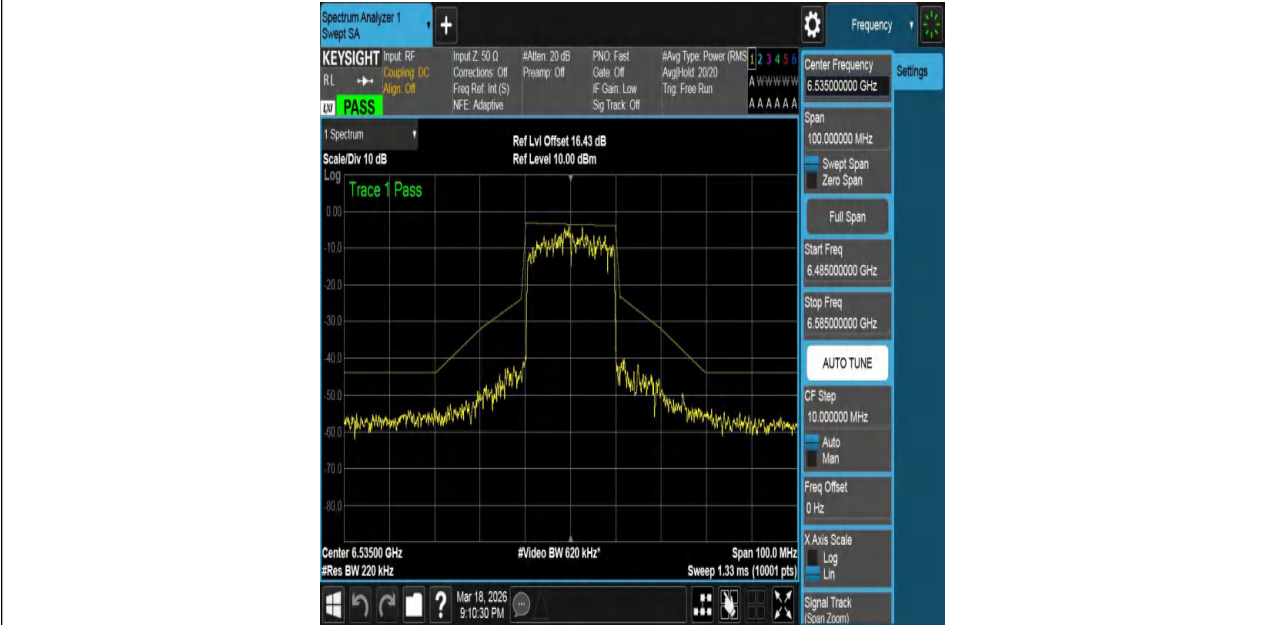
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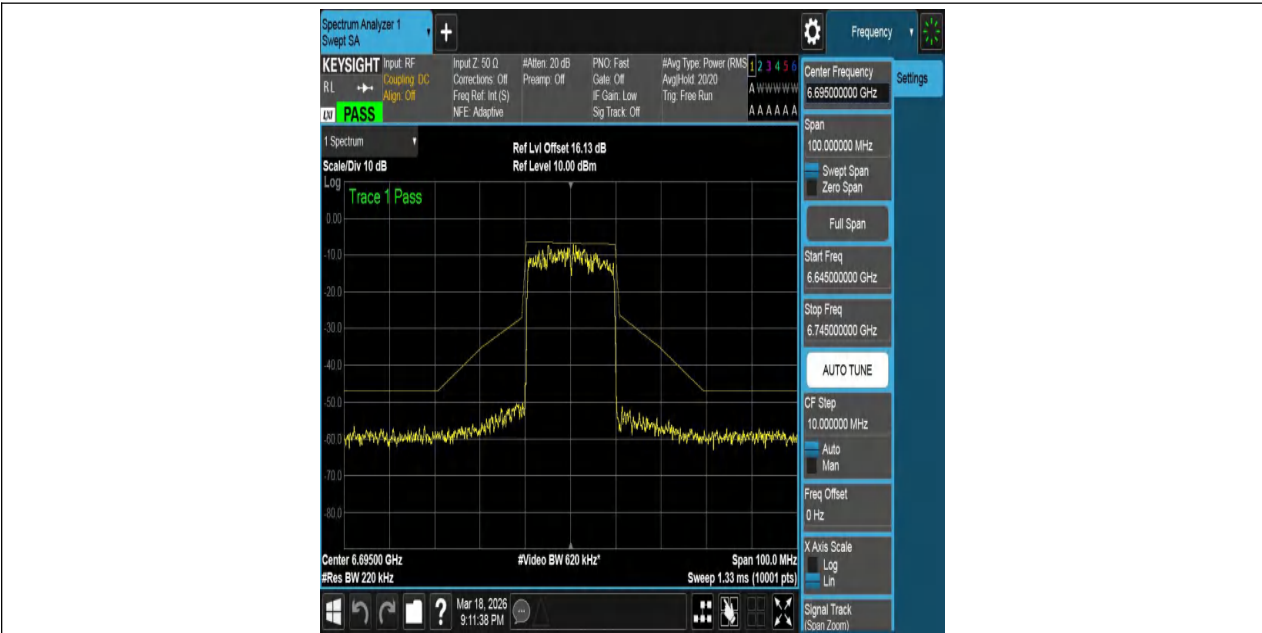
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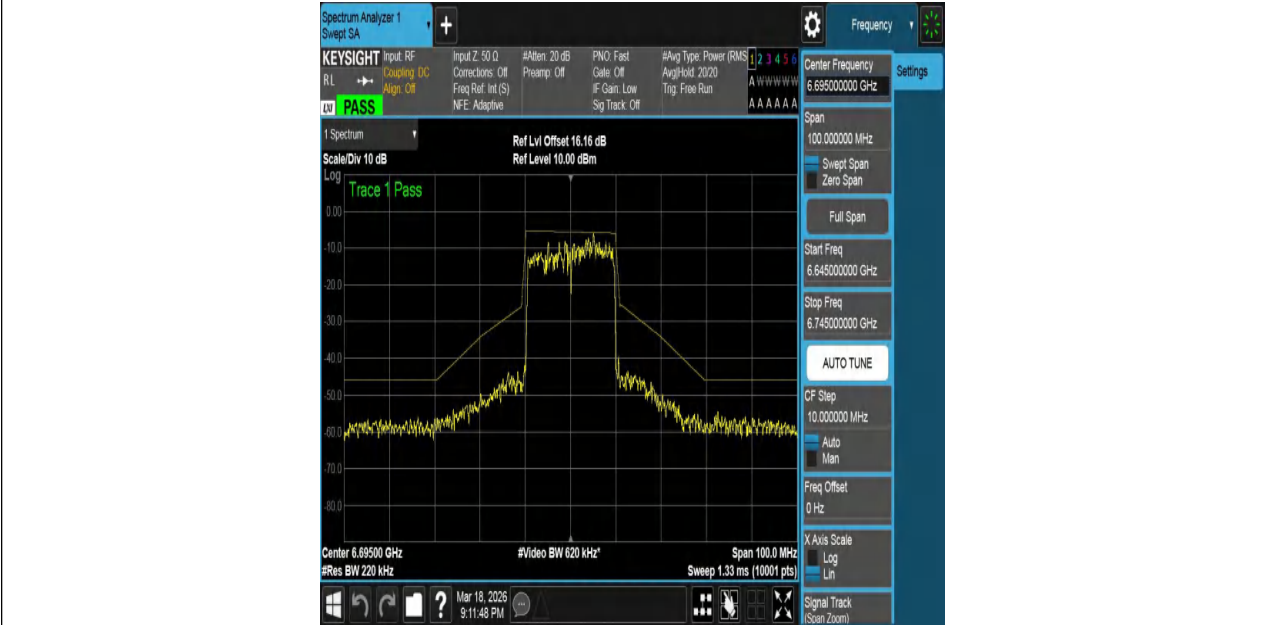
NTNV-11AX20MIMO-Ant1-6535-PASS



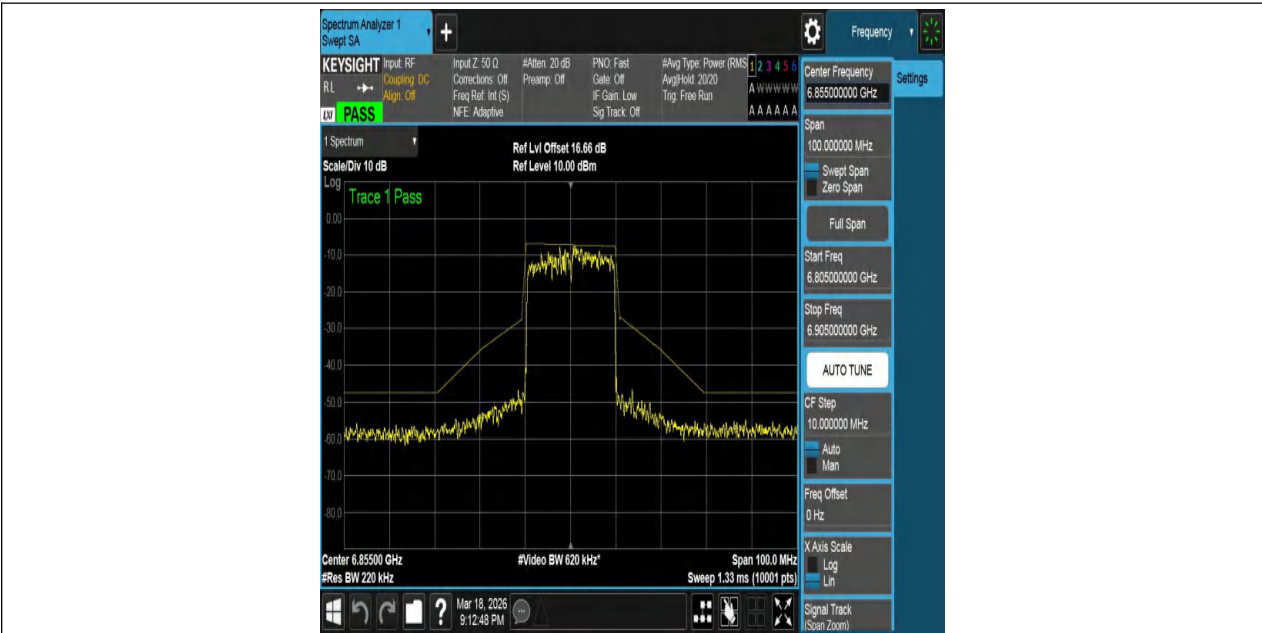
NTNV-11AX20MIMO-Ant2-6535-PASS



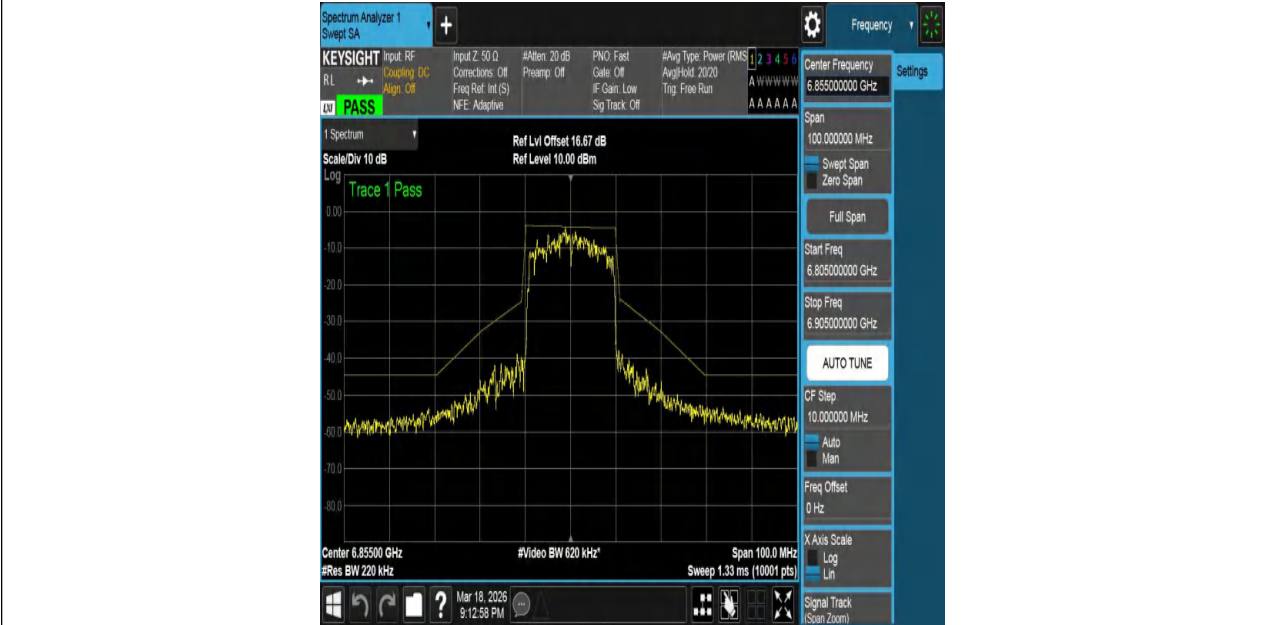
NTNV-11AX20MIMO-Ant1-6695-PASS



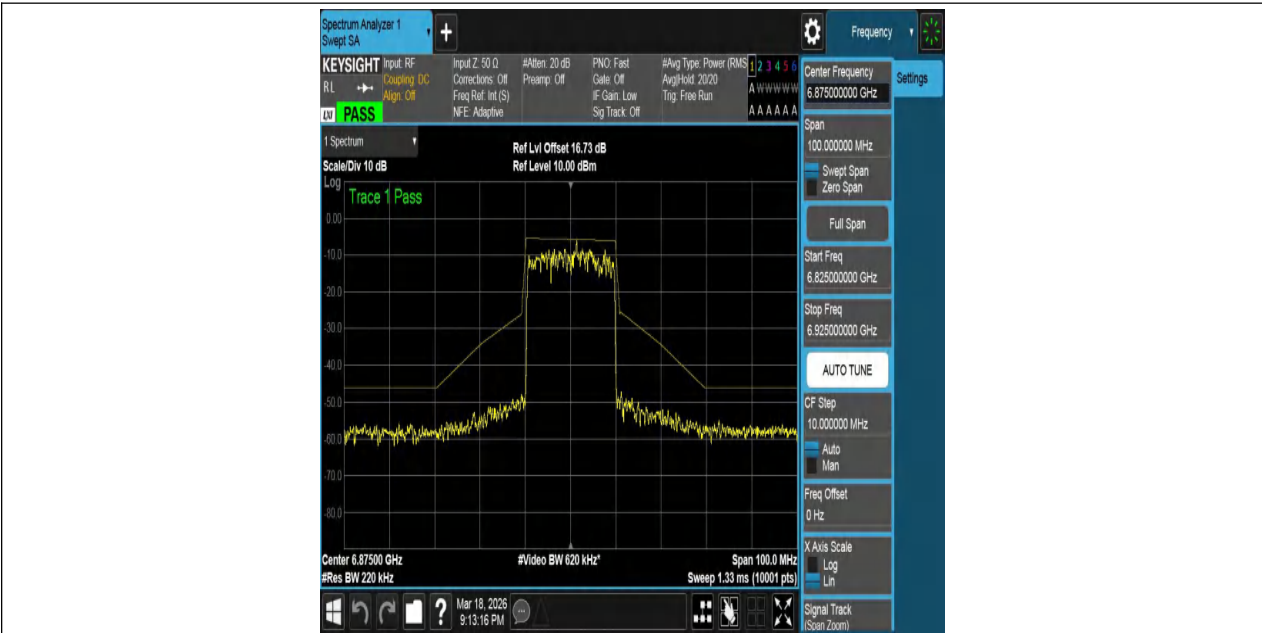
NTNV-11AX20MIMO-Ant2-6695-PASS



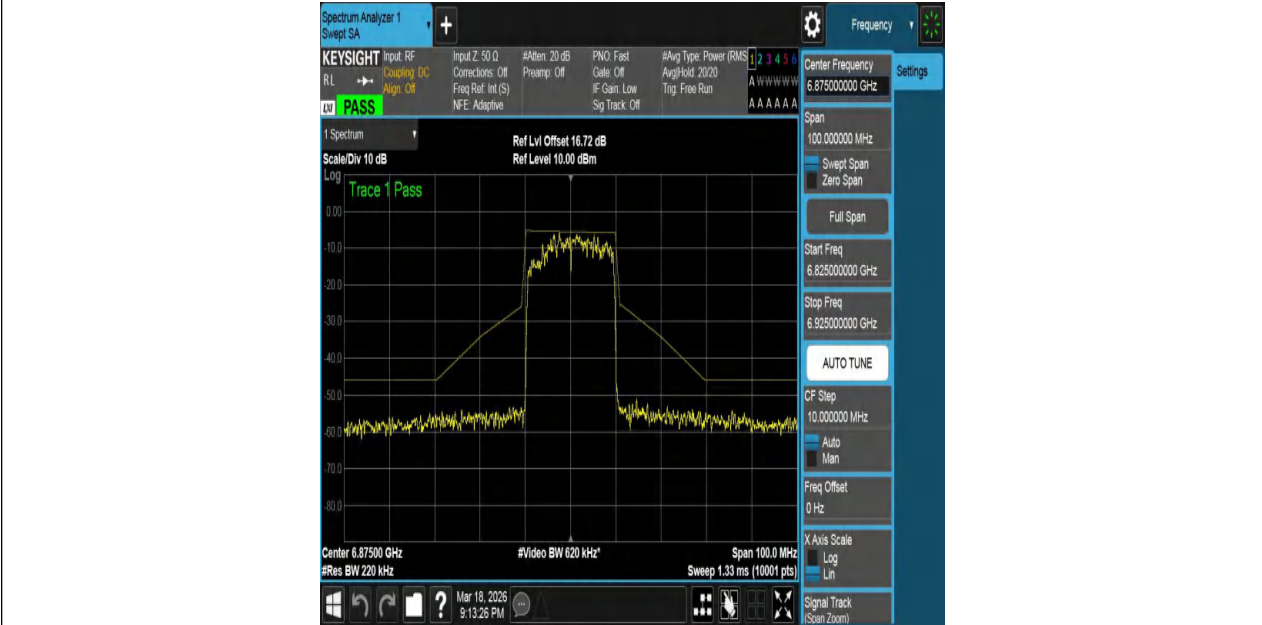
NTNV-11AX20MIMO-Ant1-6855-PASS



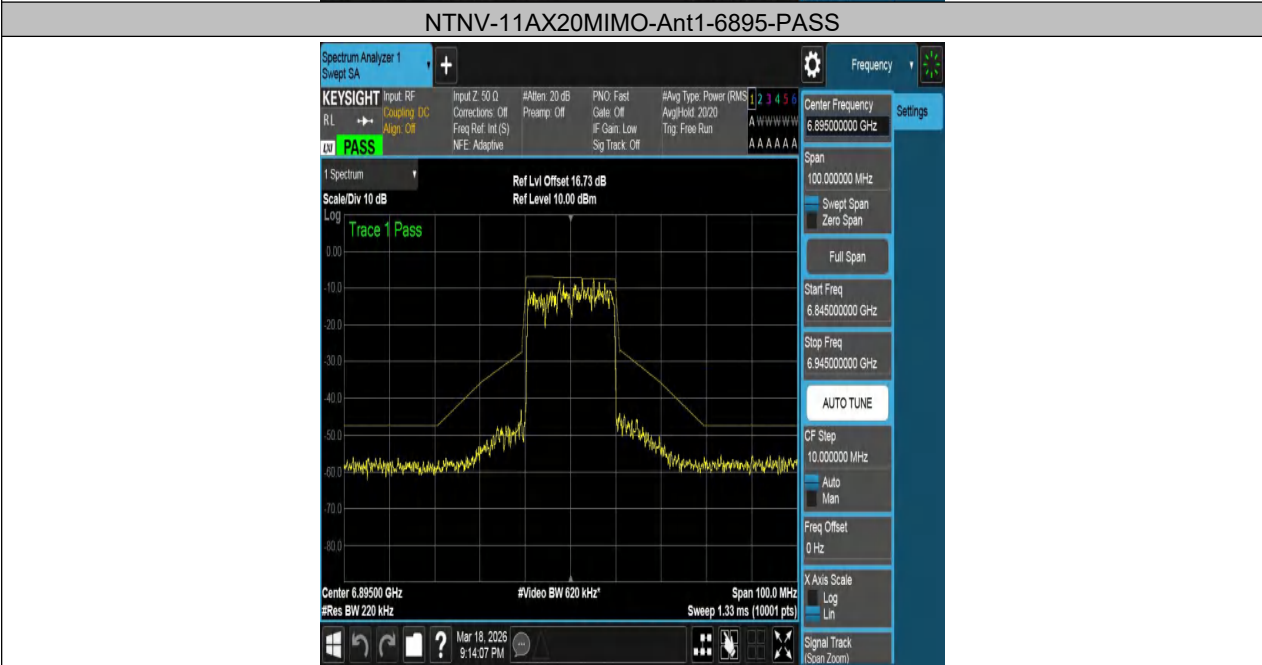
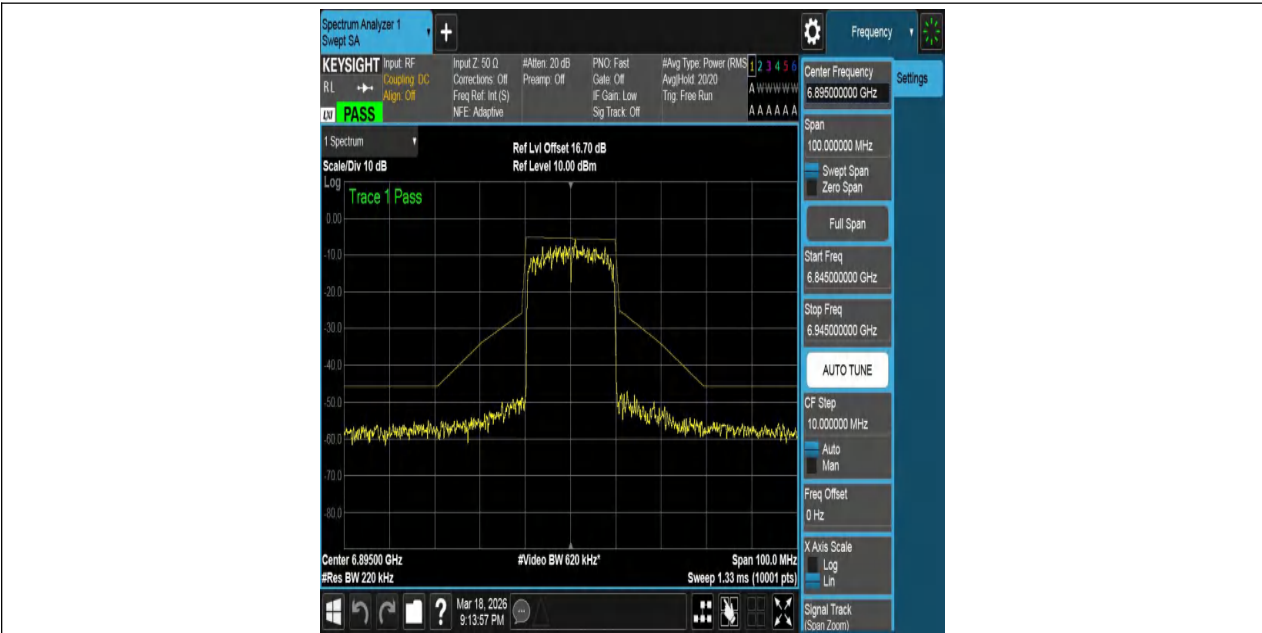
NTNV-11AX20MIMO-Ant2-6855-PASS

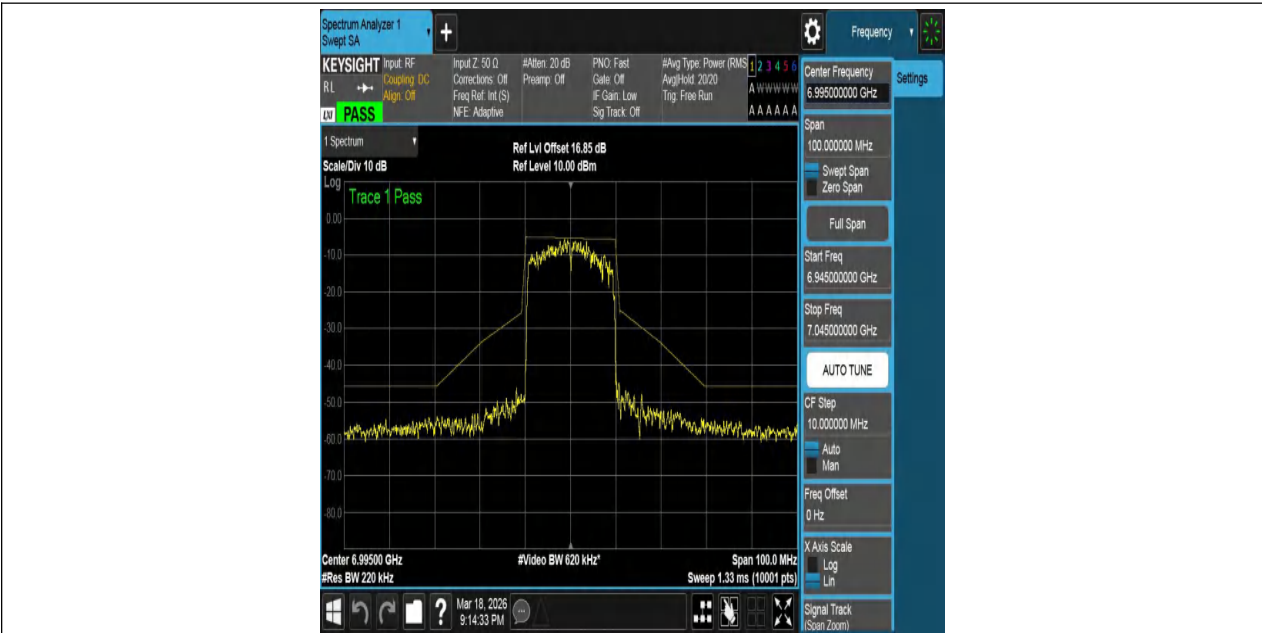


NTNV-11AX20MIMO-Ant1-6875-PASS

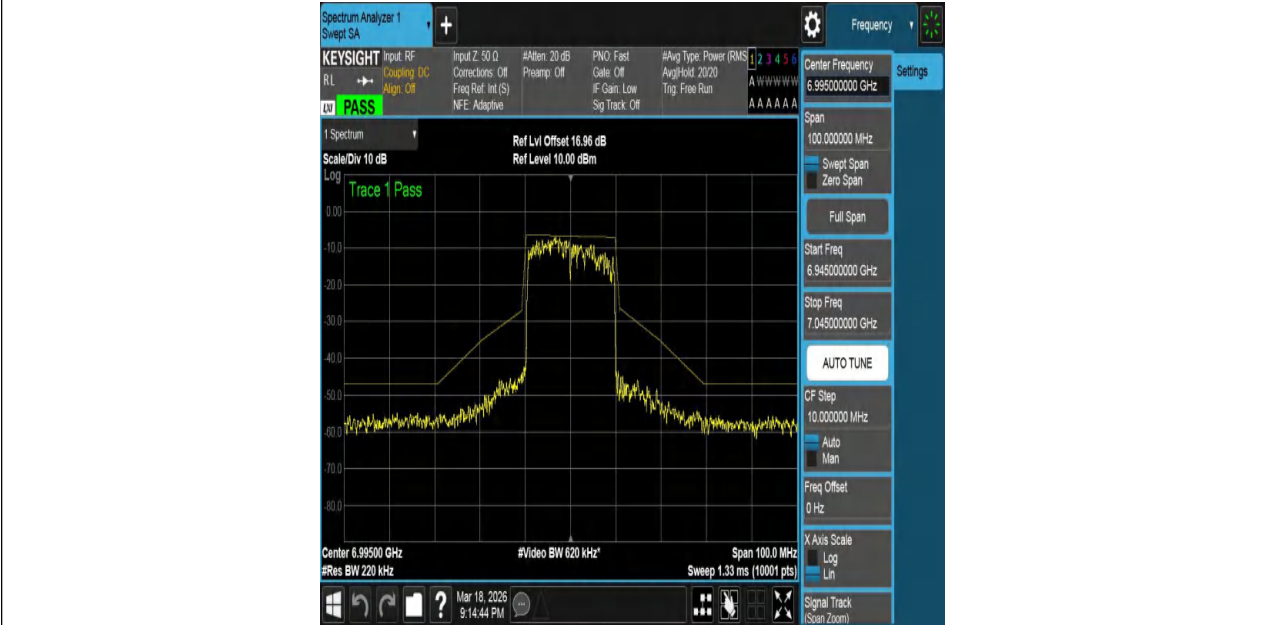


NTNV-11AX20MIMO-Ant2-6875-PASS

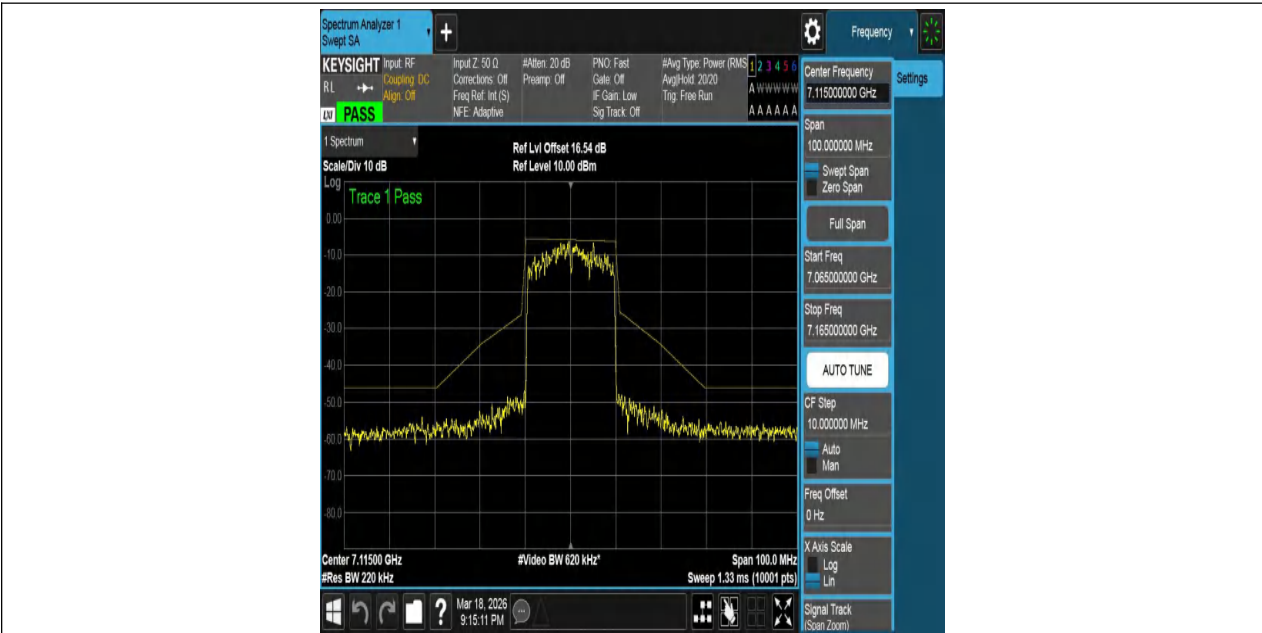




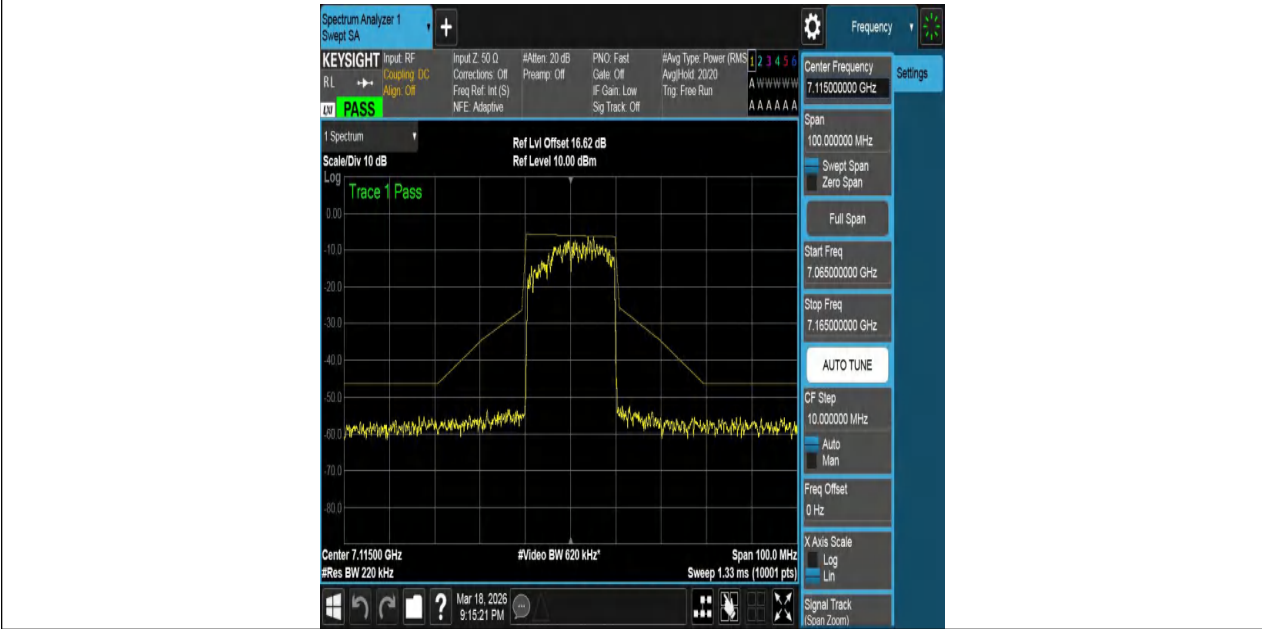
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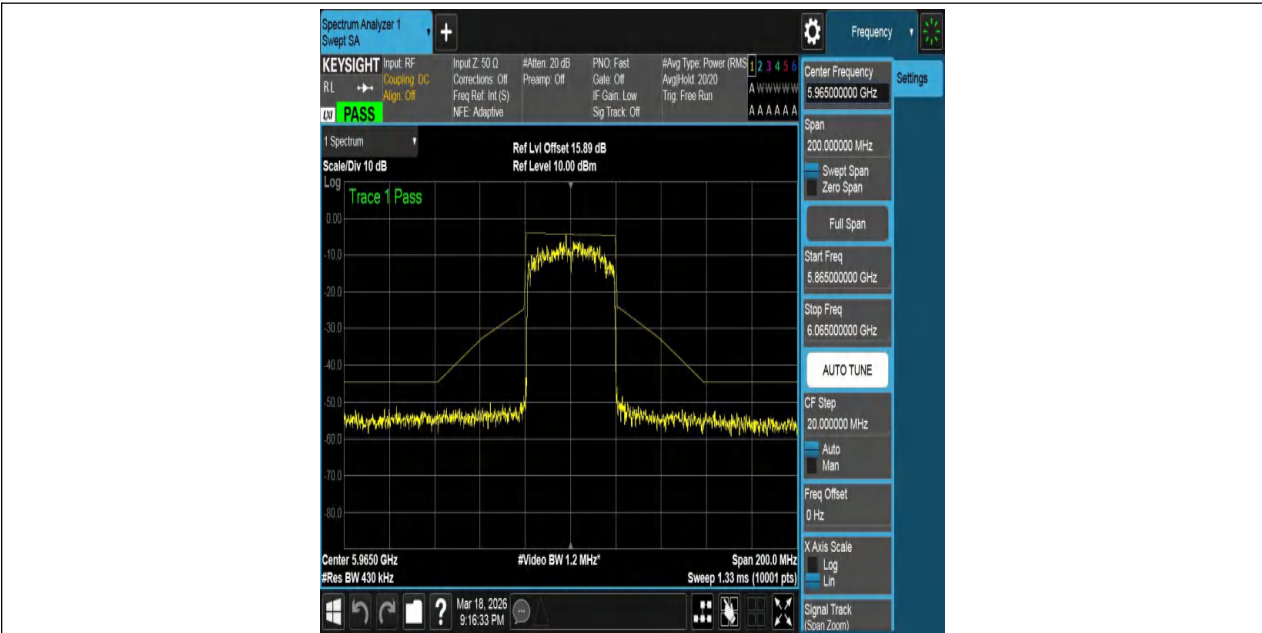
NTNV-11AX20MIMO-Ant2-6995-PASS



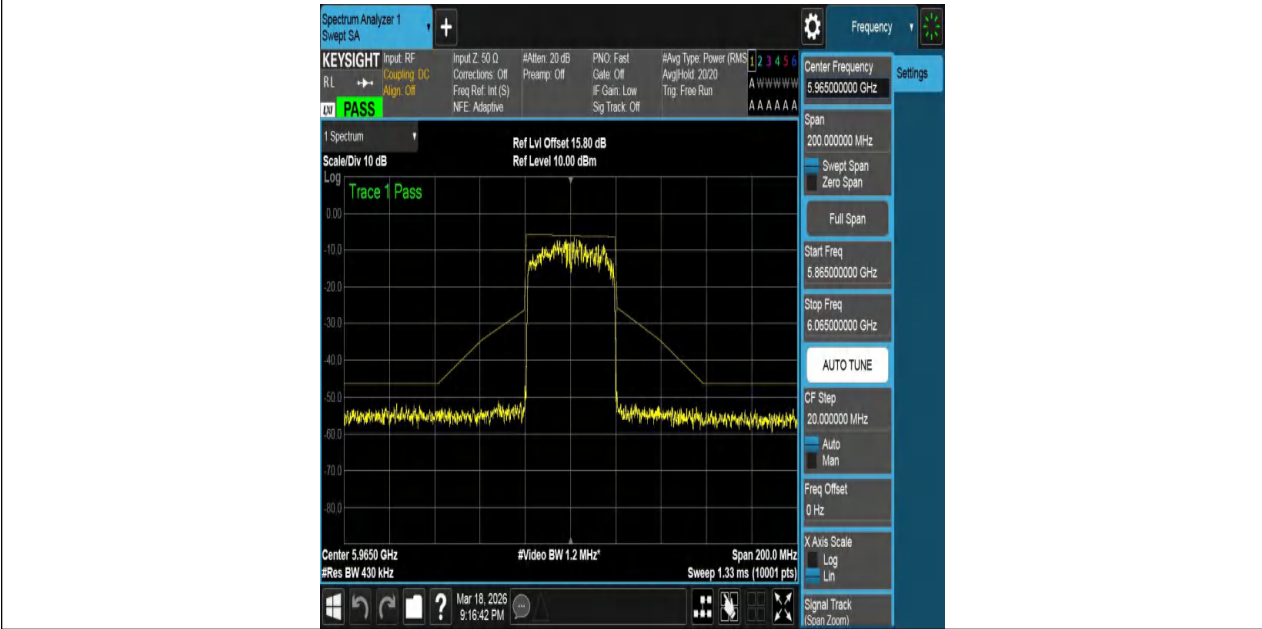
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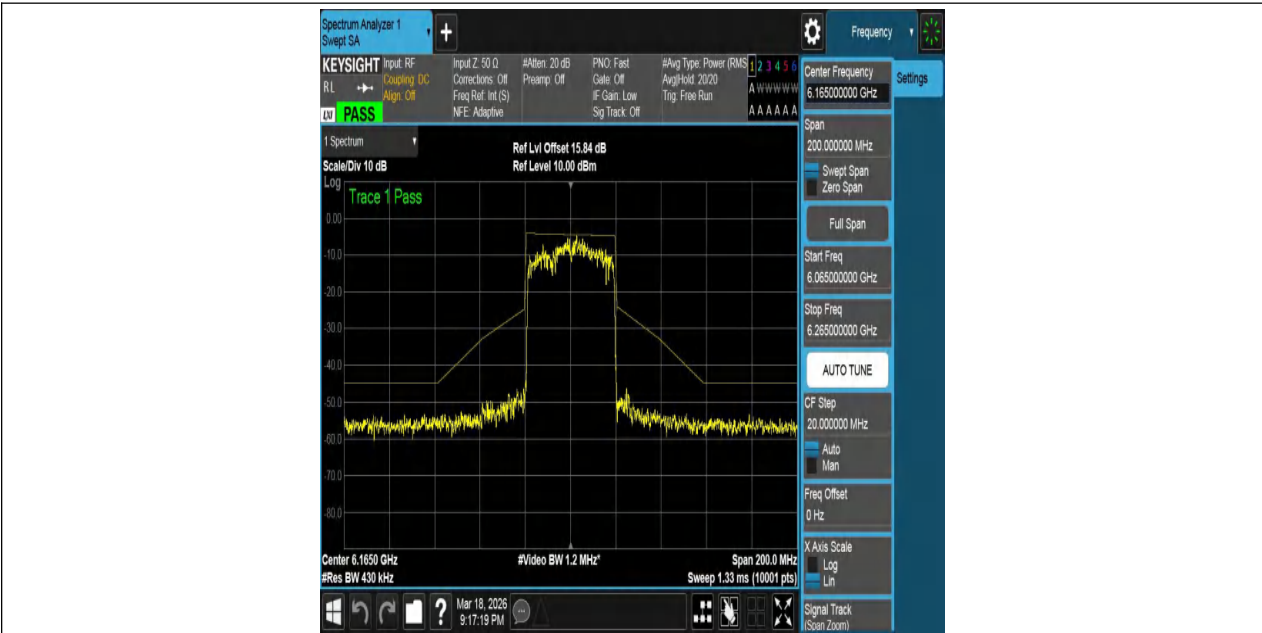
NTNV-11AX20MIMO-Ant2-7115-PASS



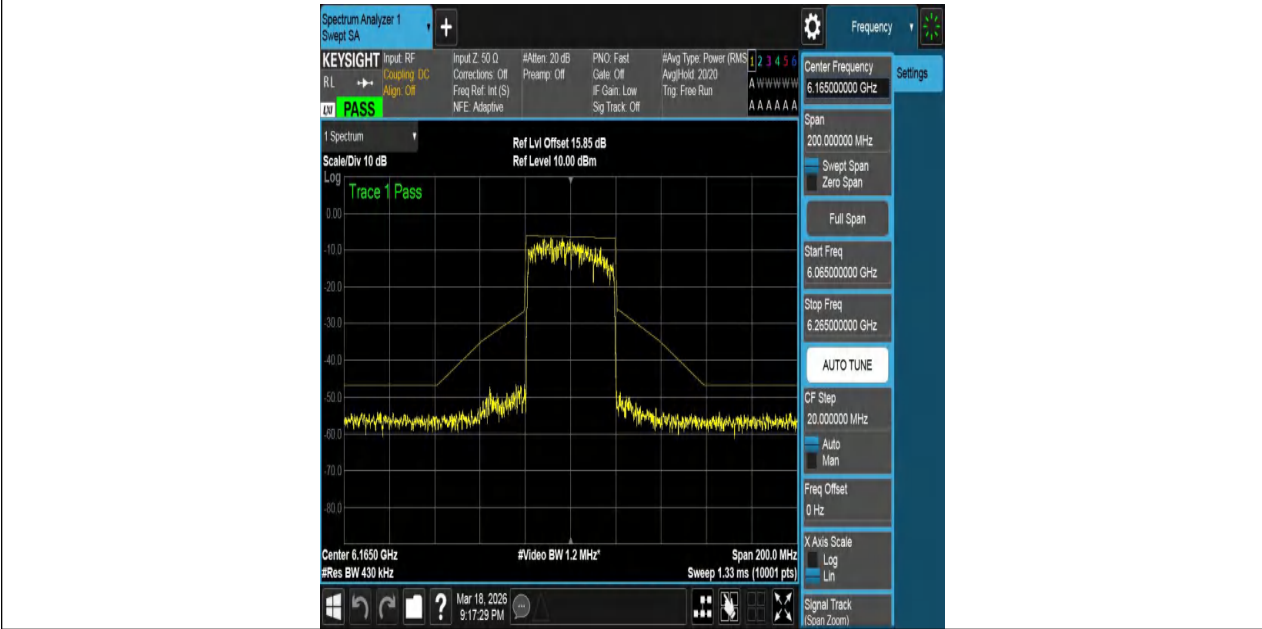
NTNV-11AX40MIMO-Ant1-5965-PASS



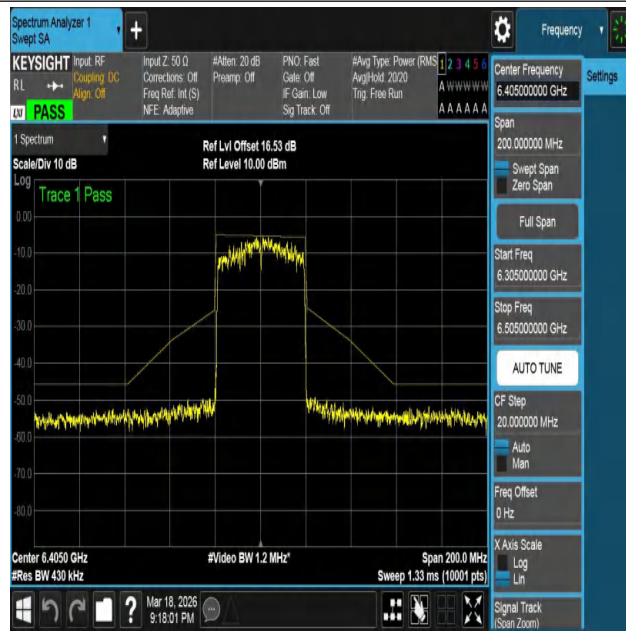
NTNV-11AX40MIMO-Ant2-5965-PASS



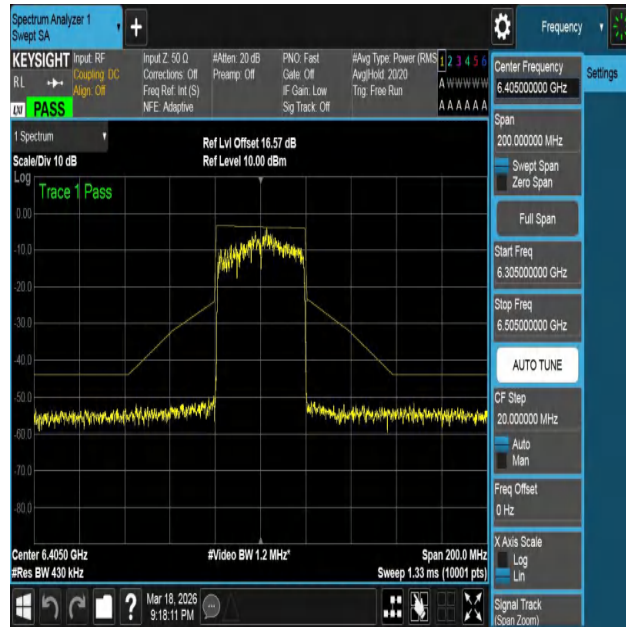
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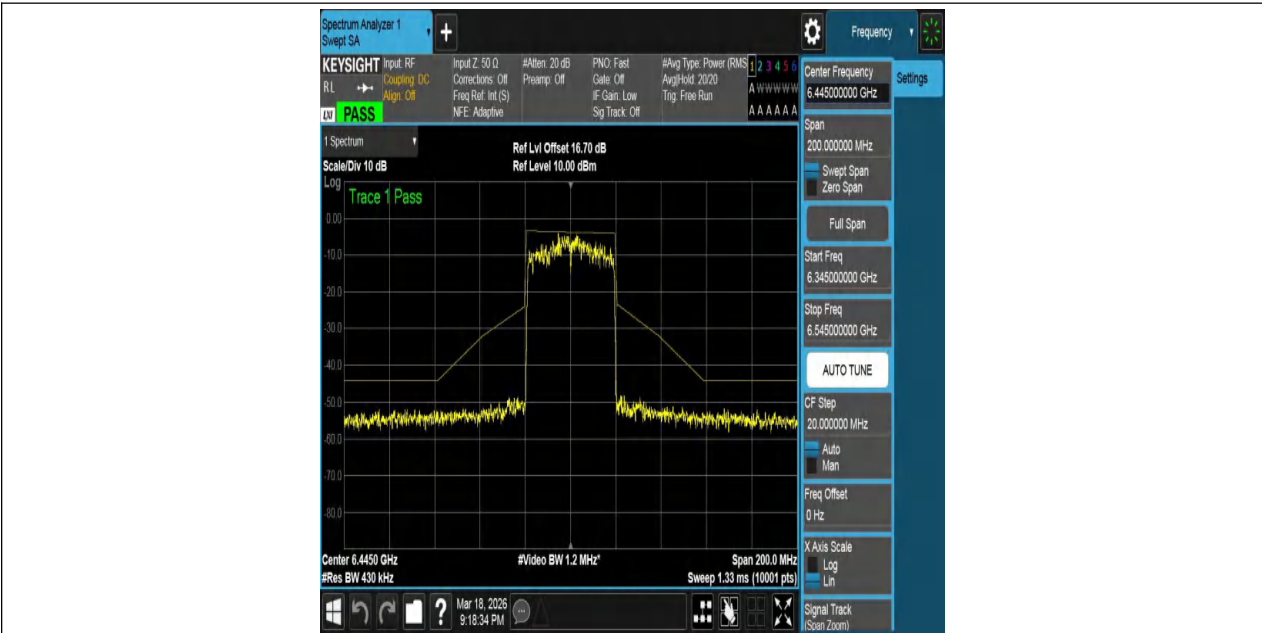
NTNV-11AX40MIMO-Ant2-6165-PASS



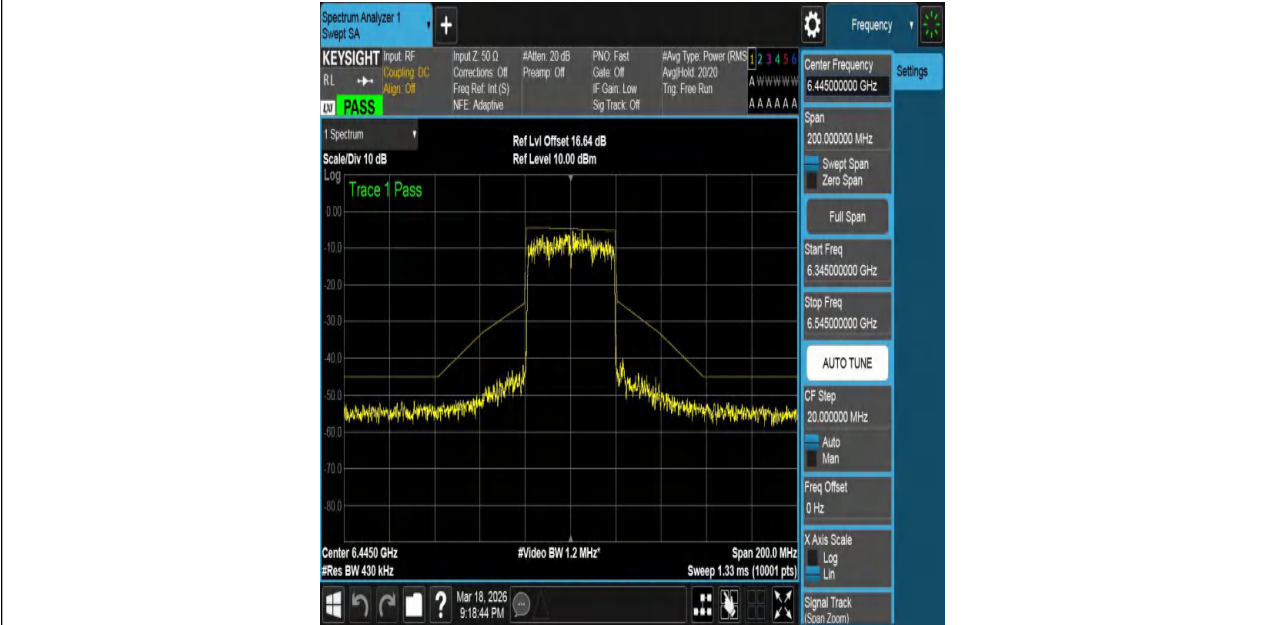
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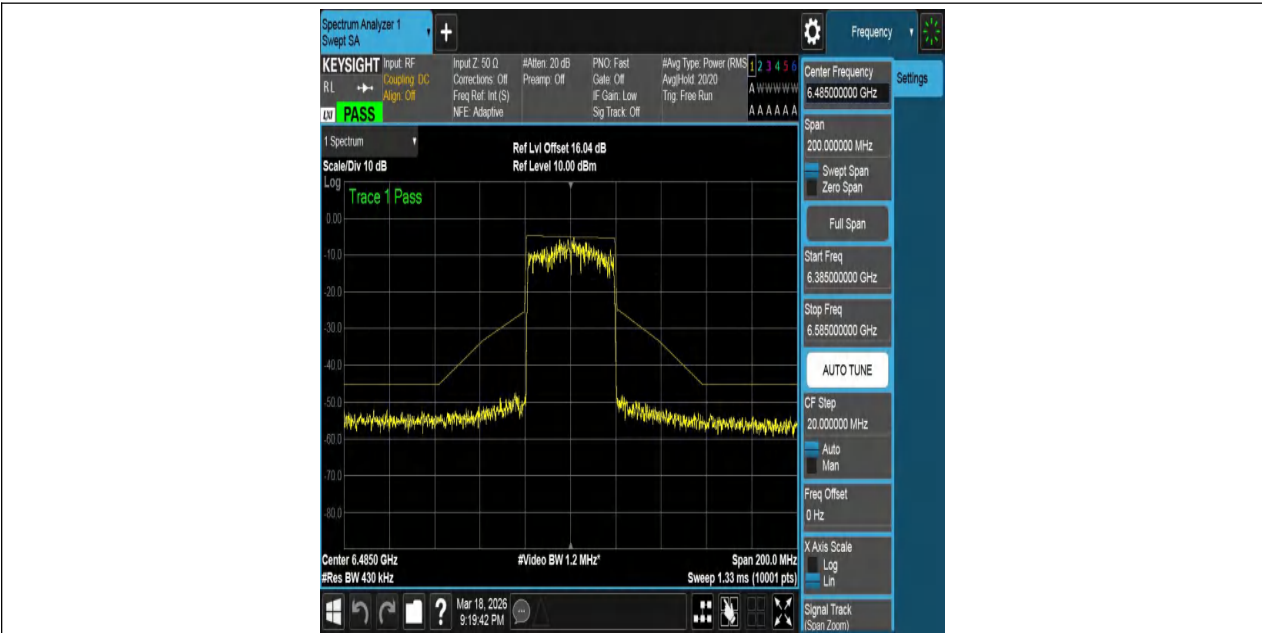
NTNV-11AX40MIMO-Ant2-6405-PASS



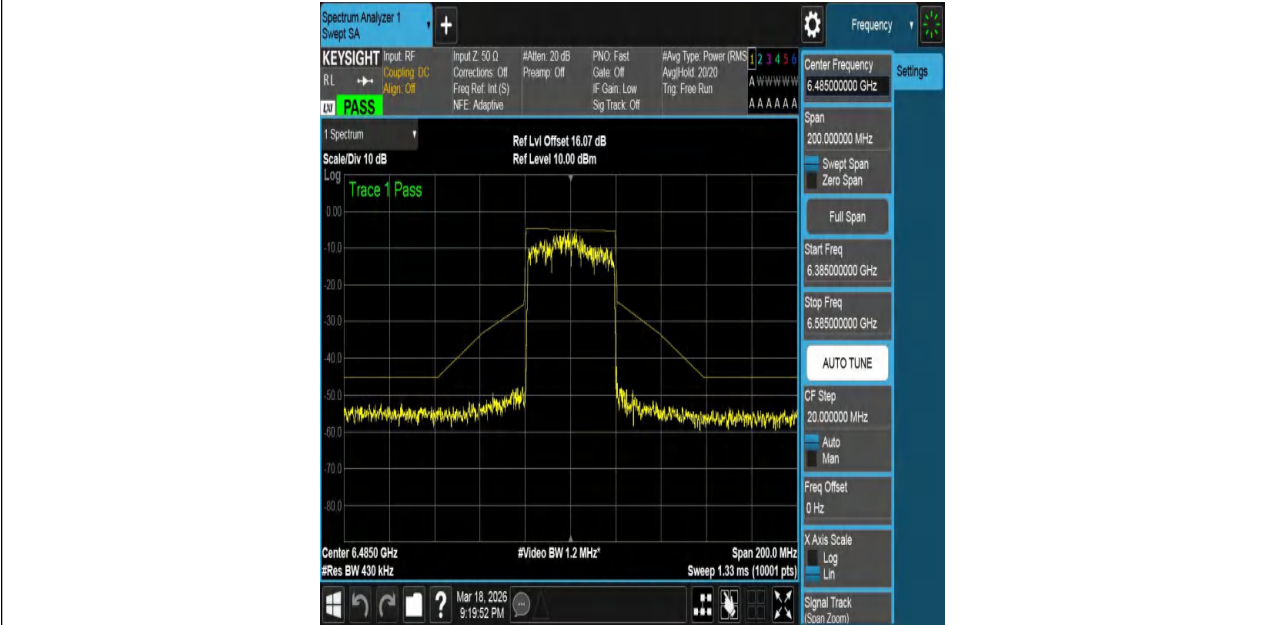
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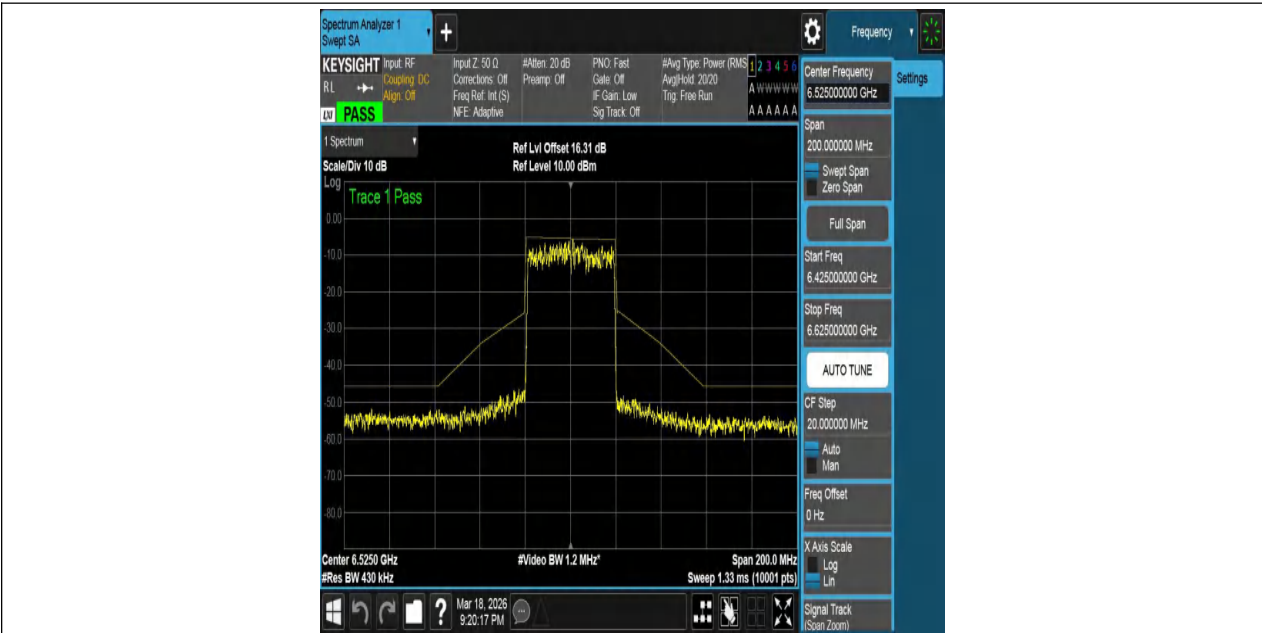
NTNV-11AX40MIMO-Ant2-6445-PASS



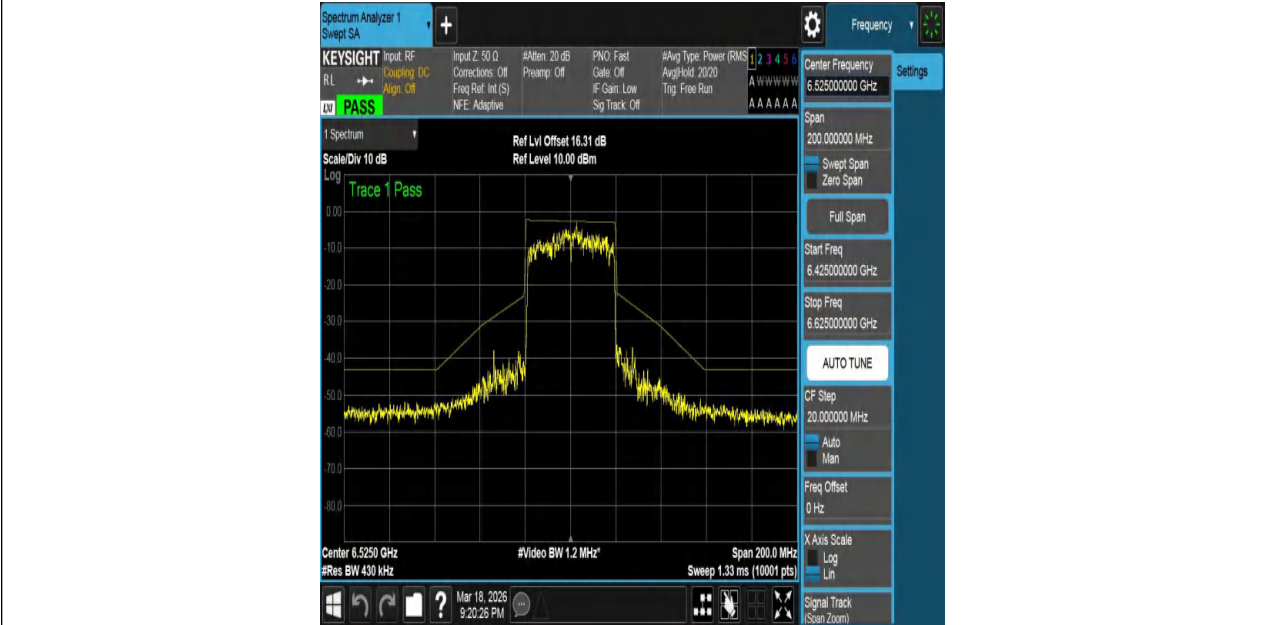
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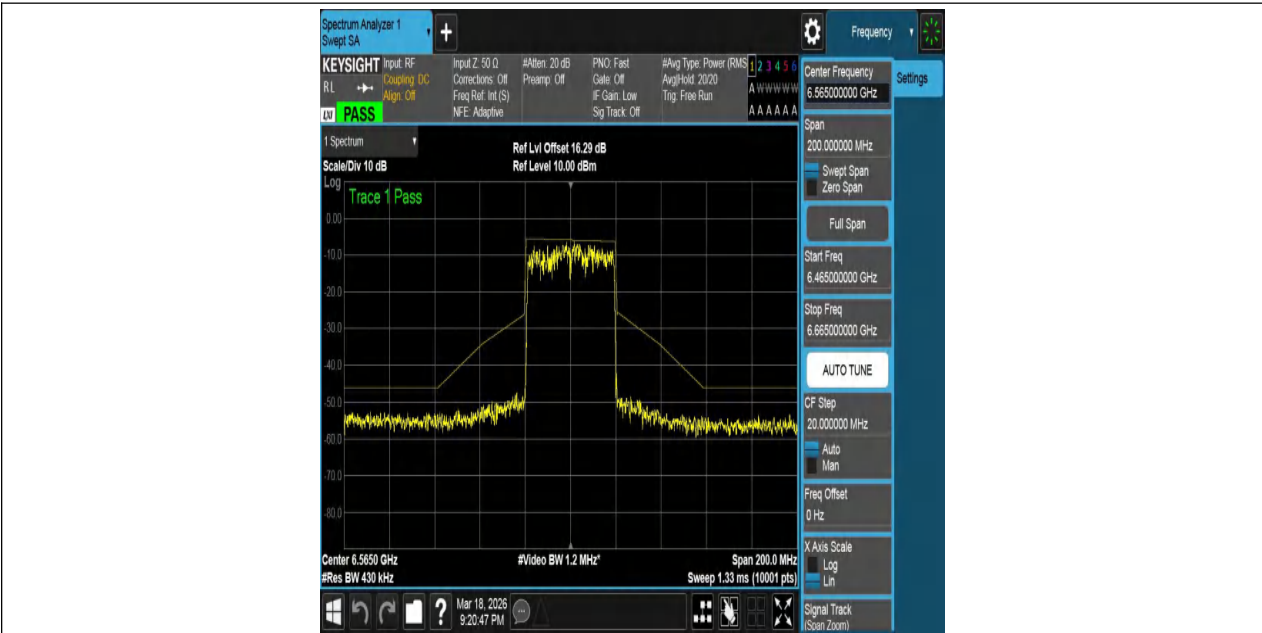
NTNV-11AX40MIMO-Ant2-6485-PASS



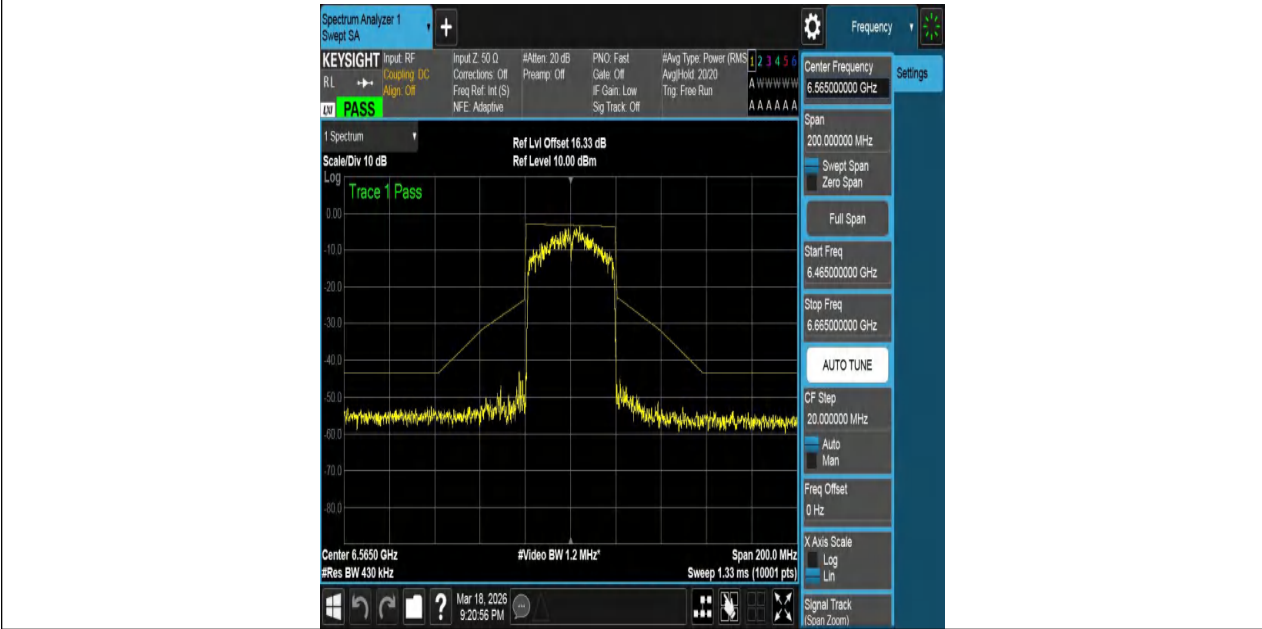
NTNV-11AX40MIMO-Ant1-6525-PASS



NTNV-11AX40MIMO-Ant2-6525-PASS



NTNV-11AX40MIMO-Ant1-6565-PASS



NTNV-11AX40MIMO-Ant2-6565-PASS