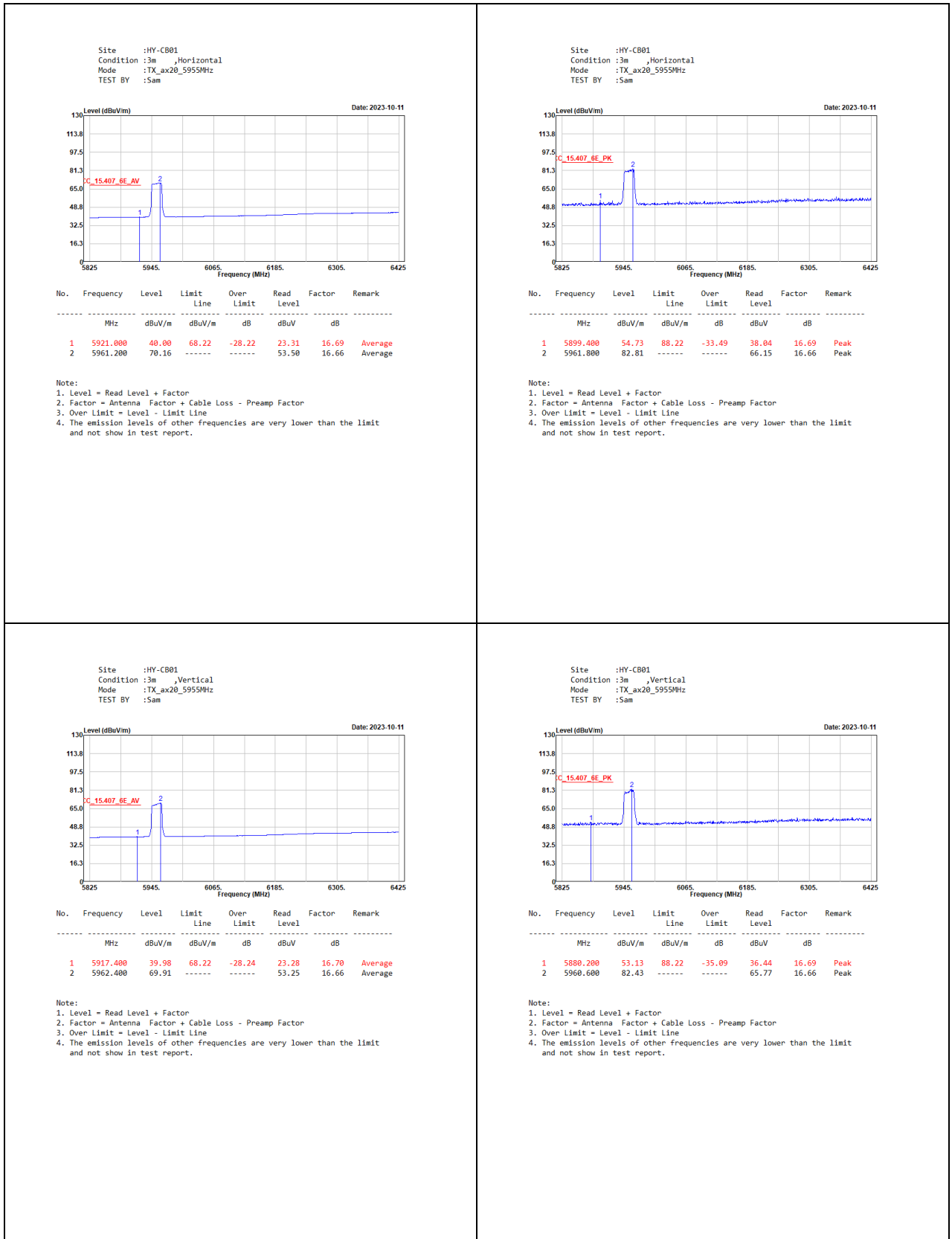
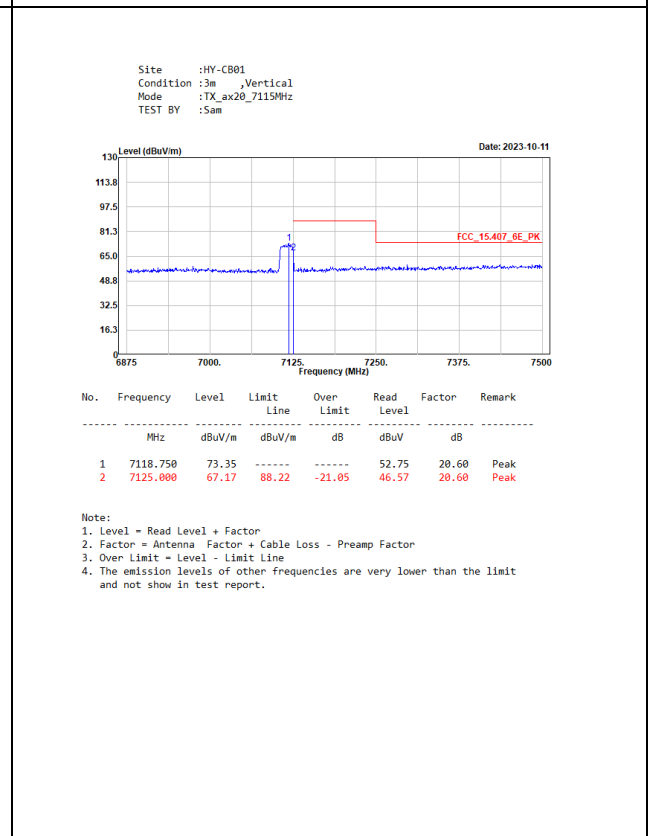
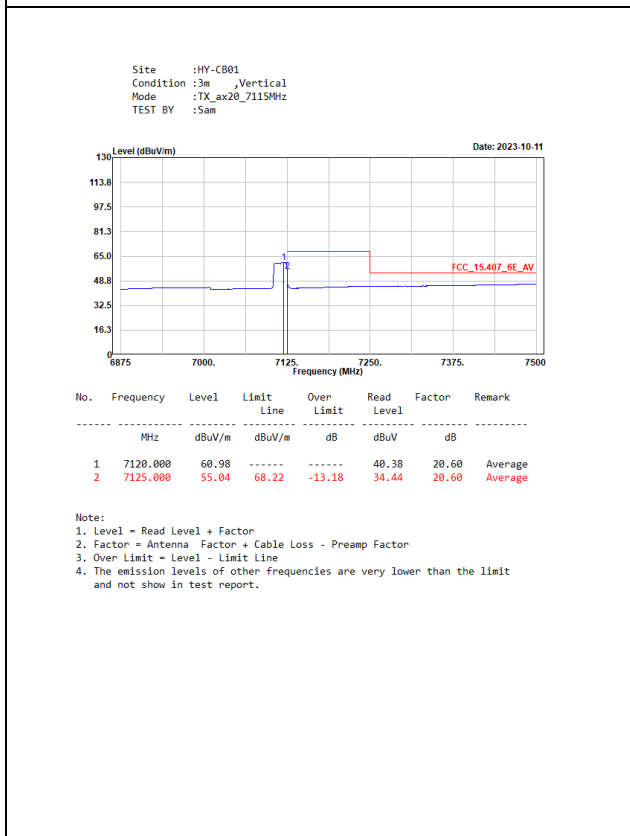
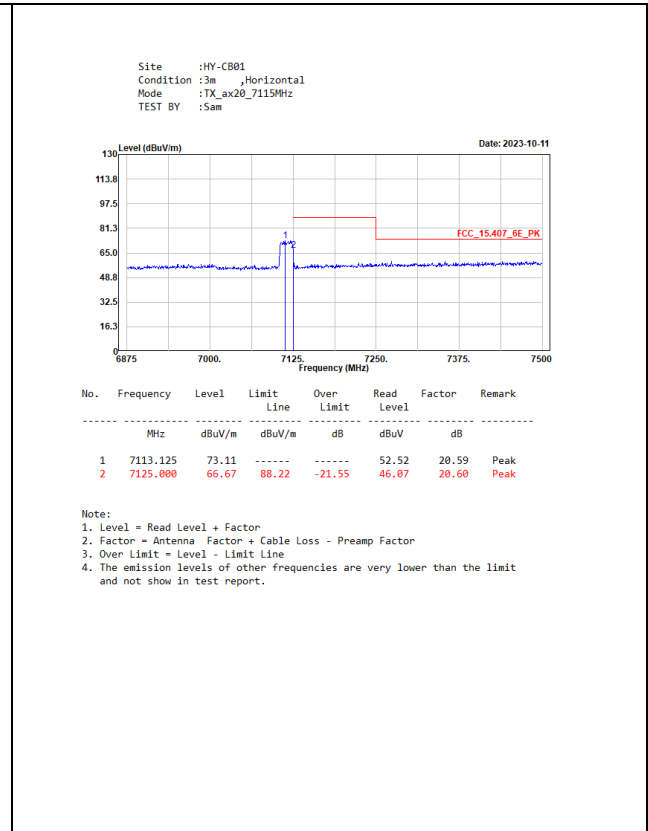
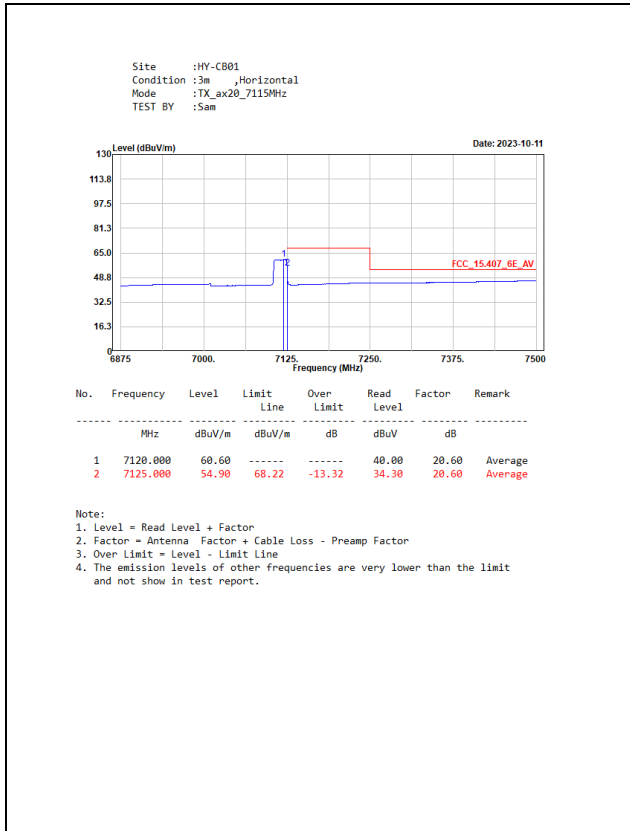
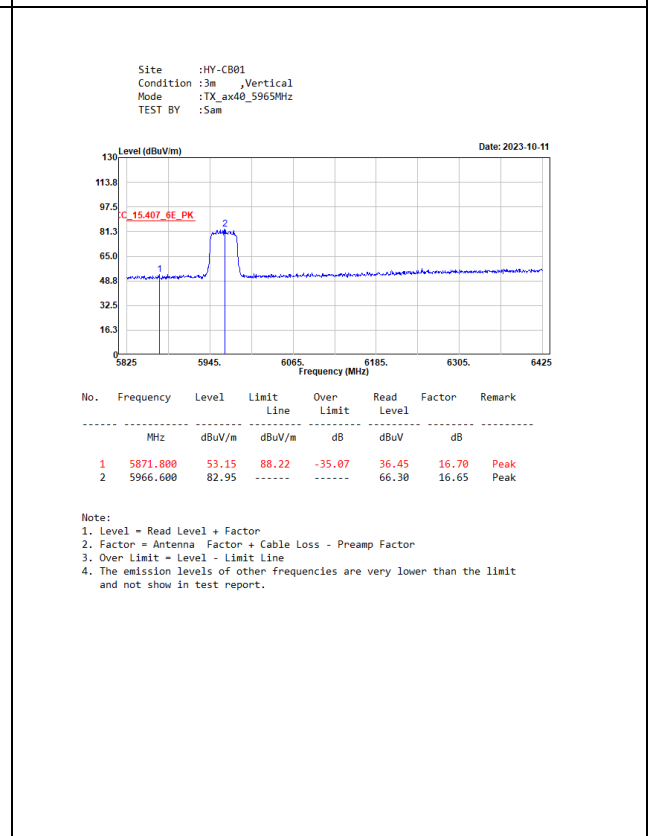
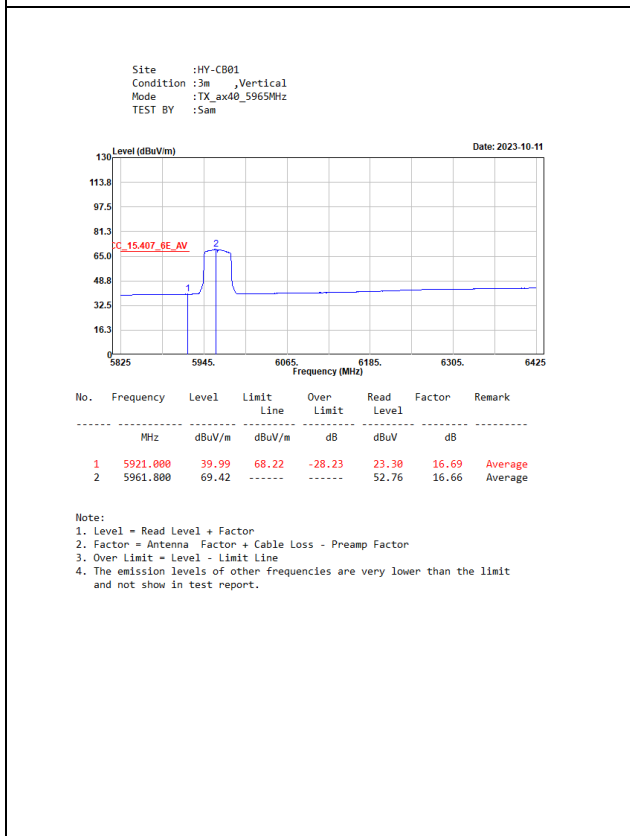
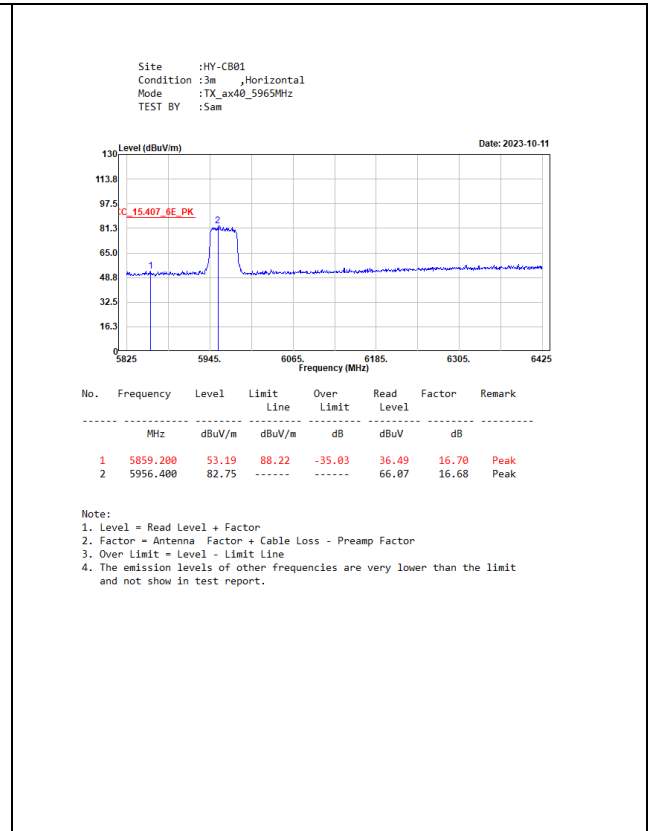
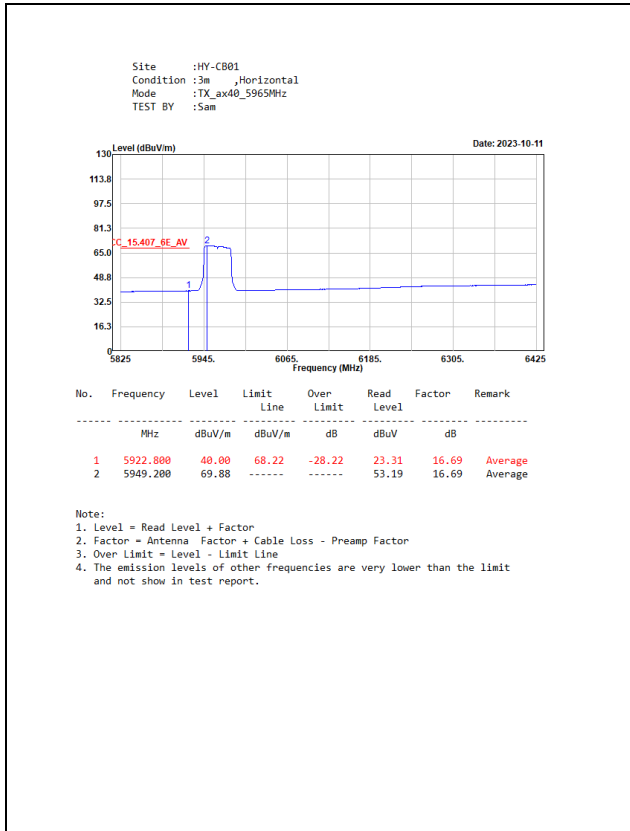


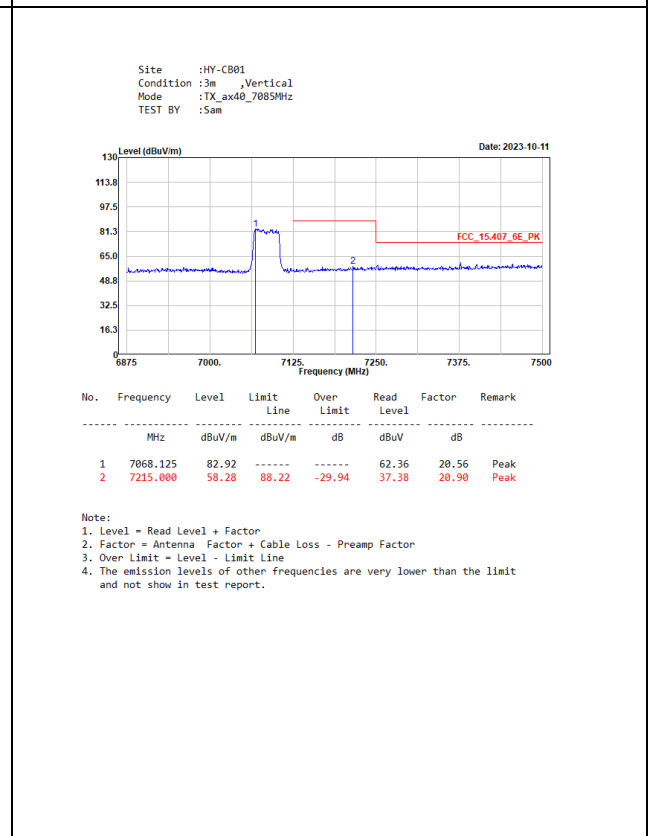
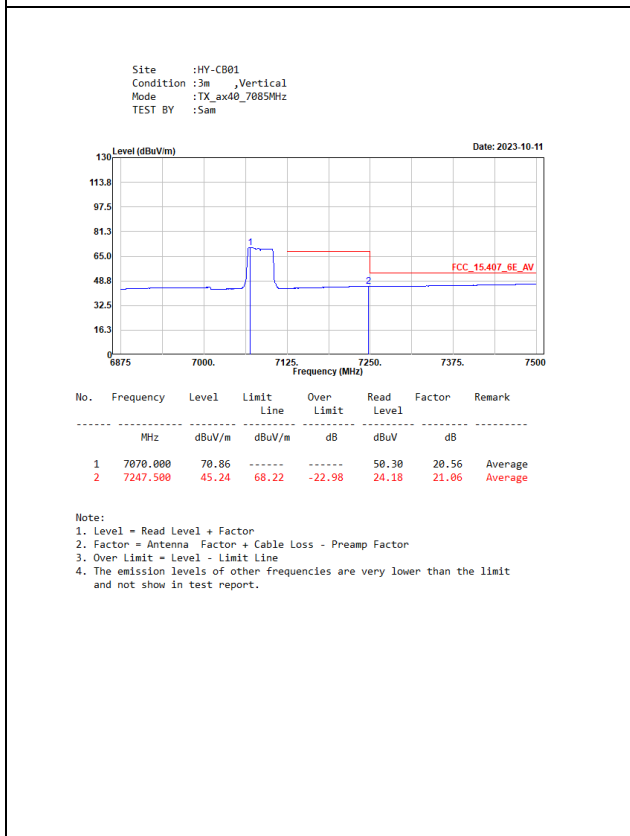
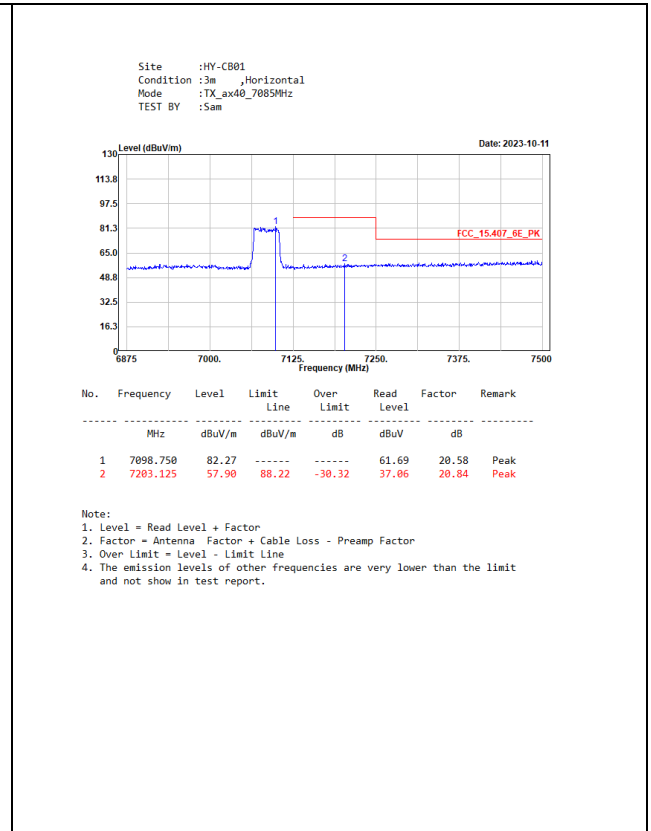
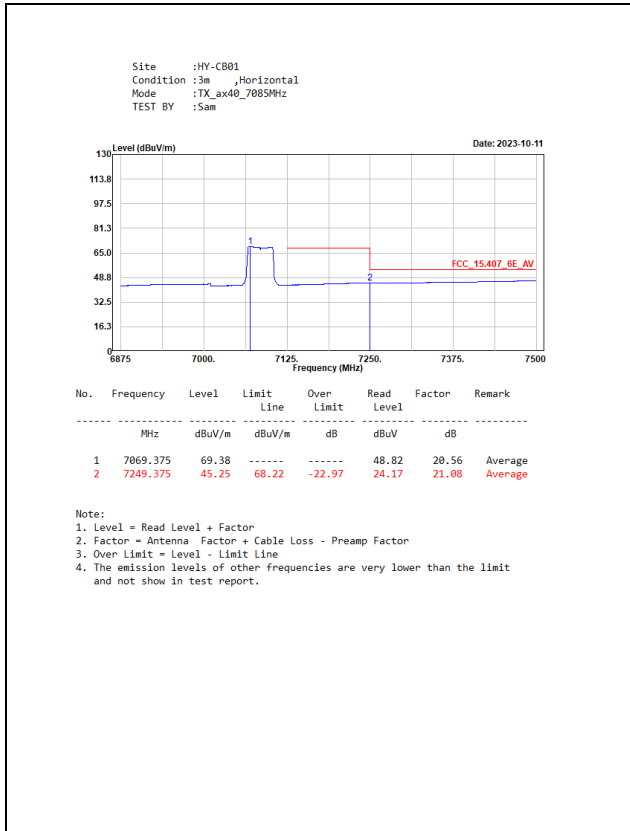
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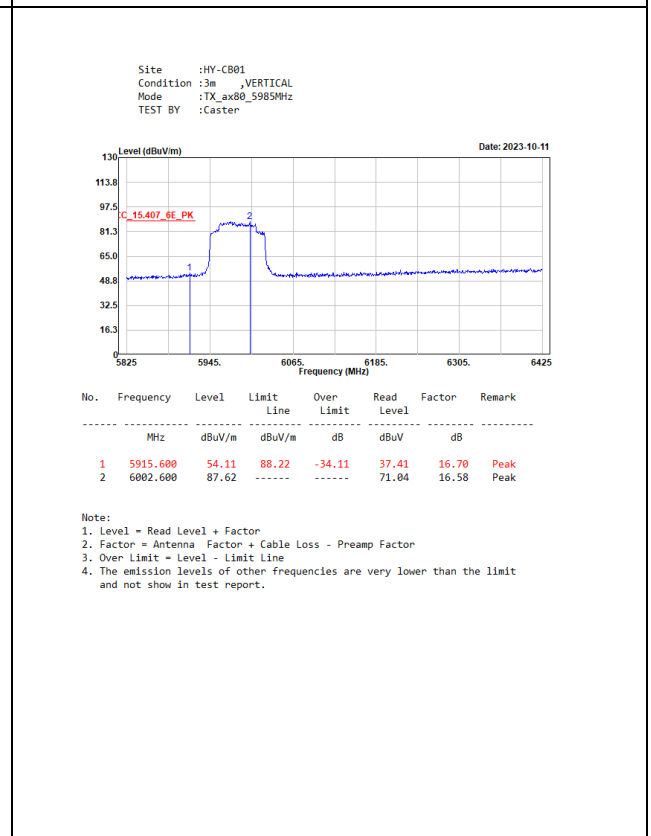
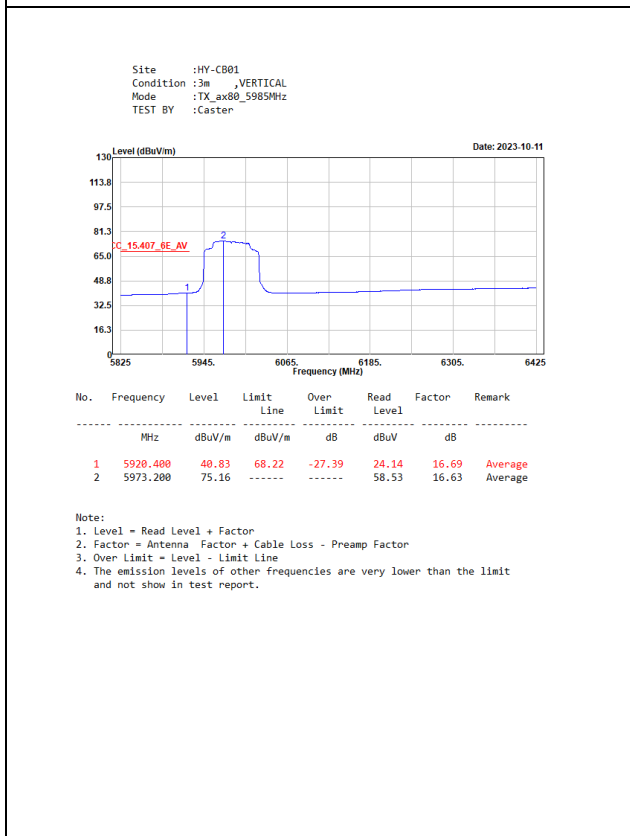
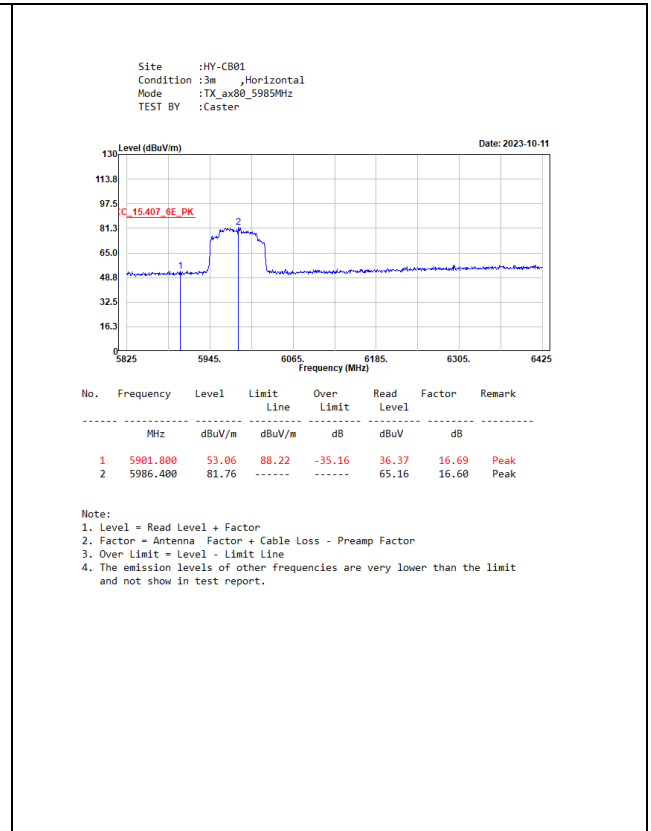
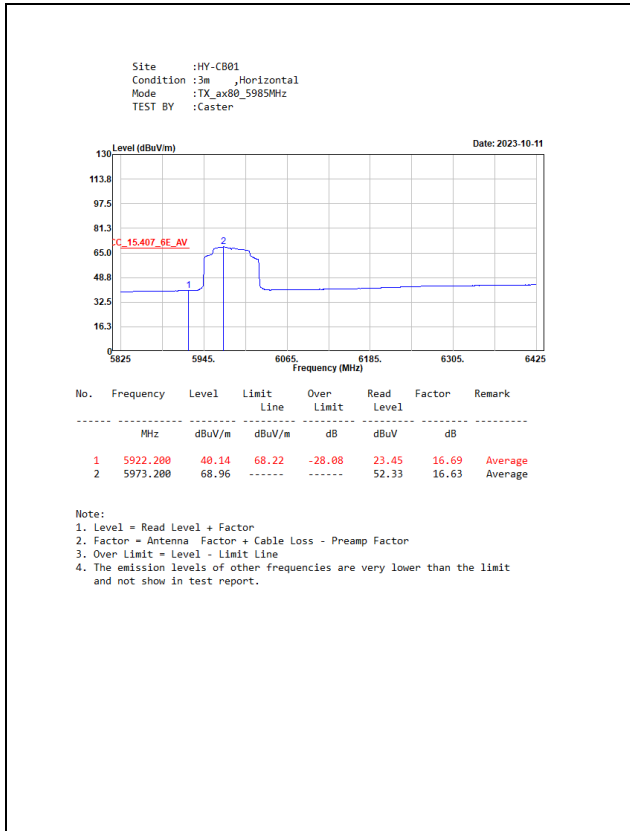
#### SISO A

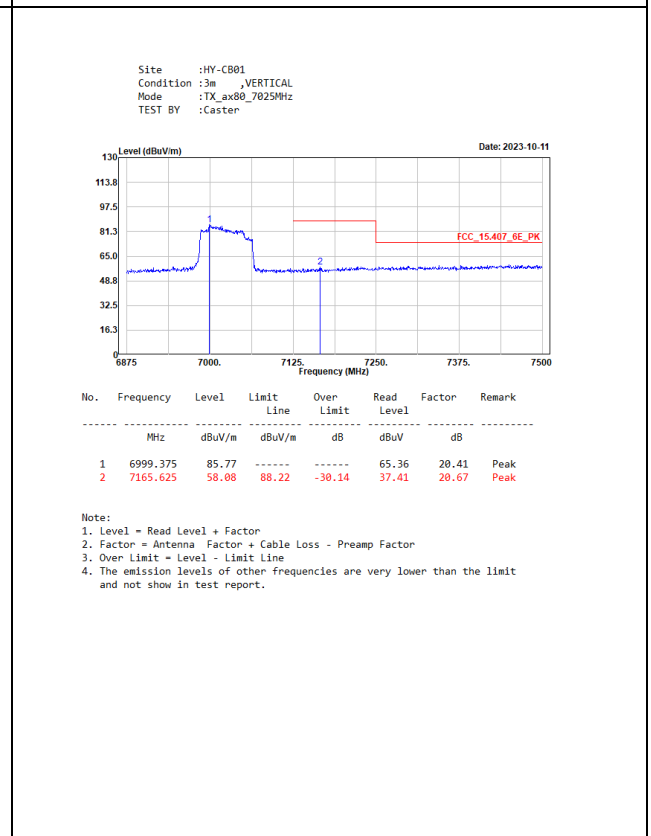
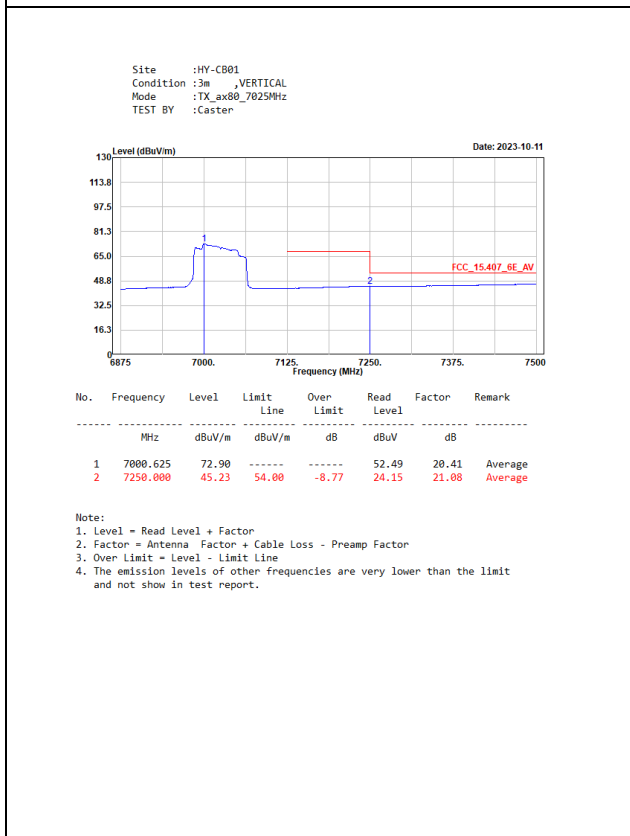
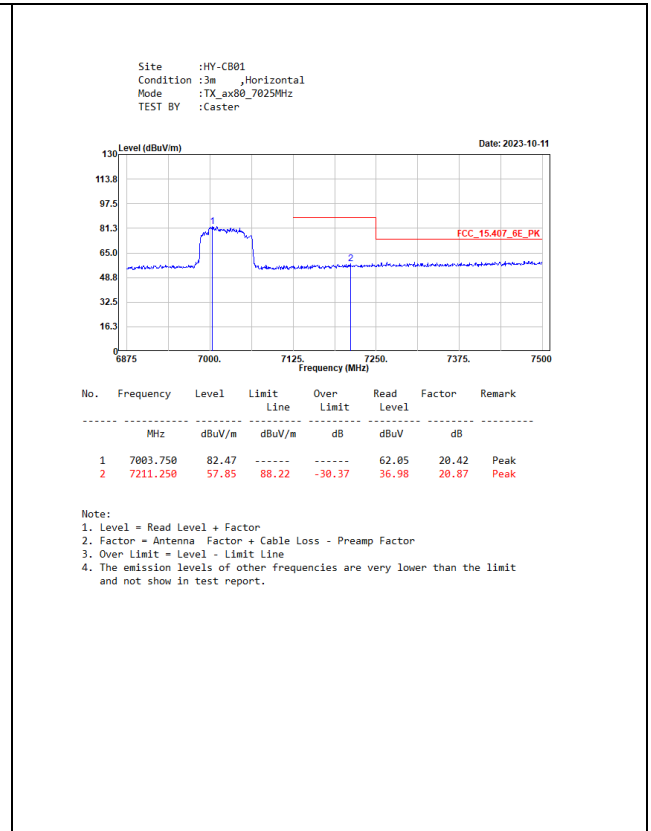
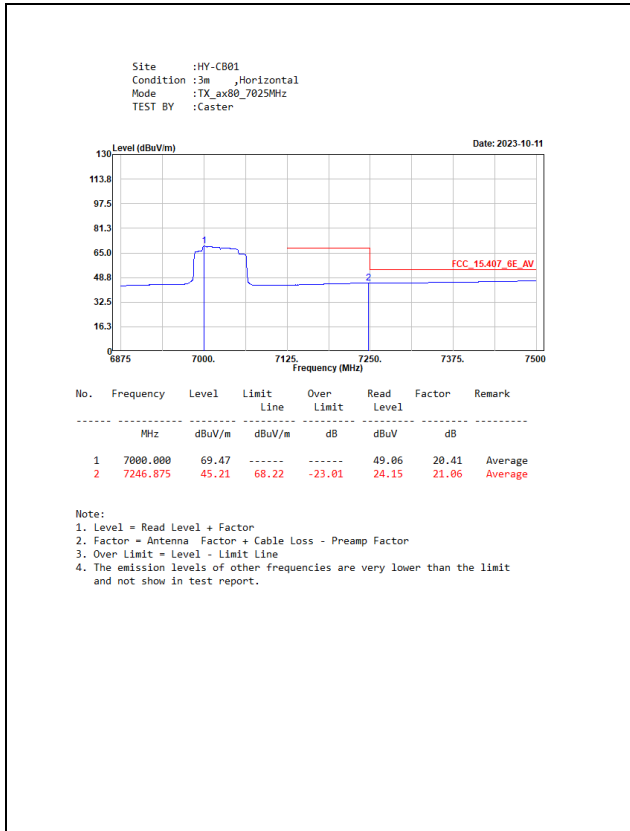


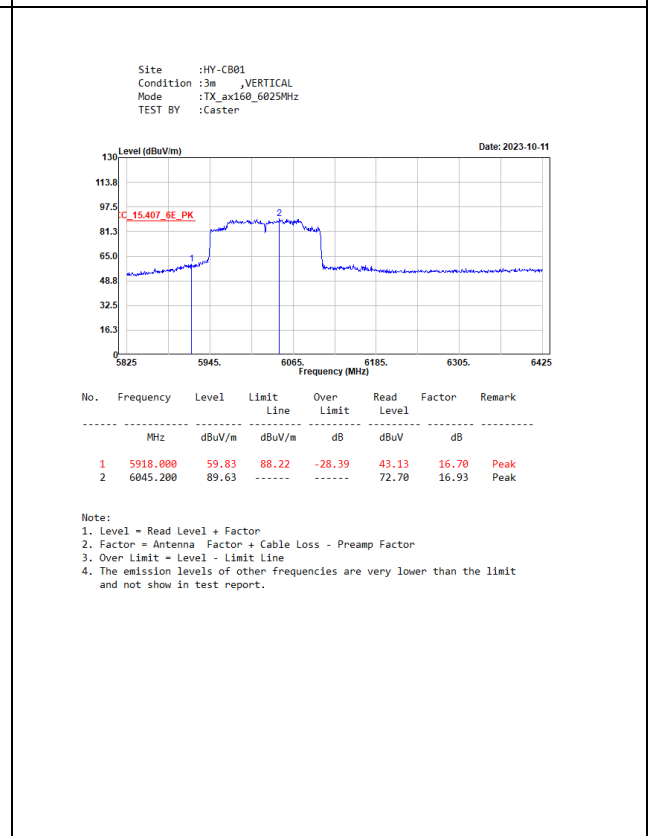
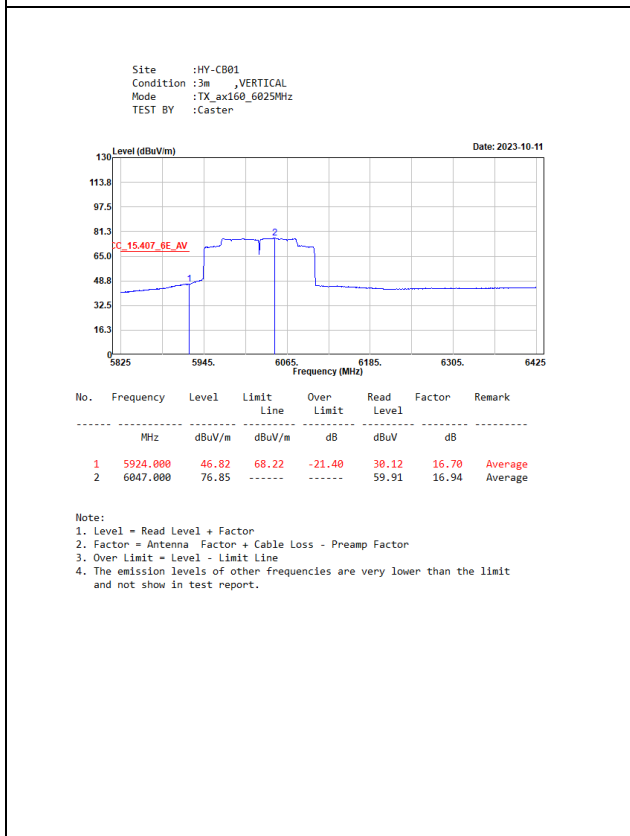
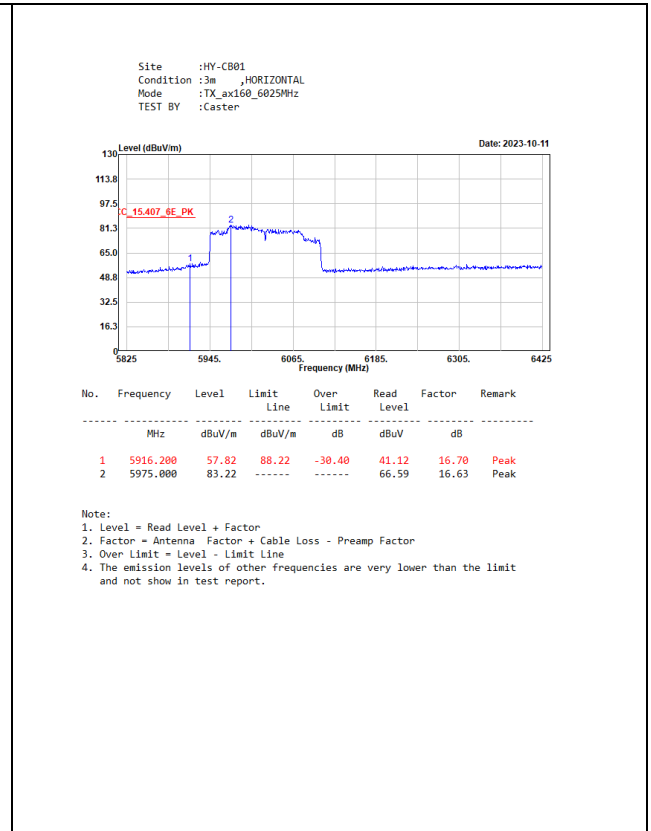
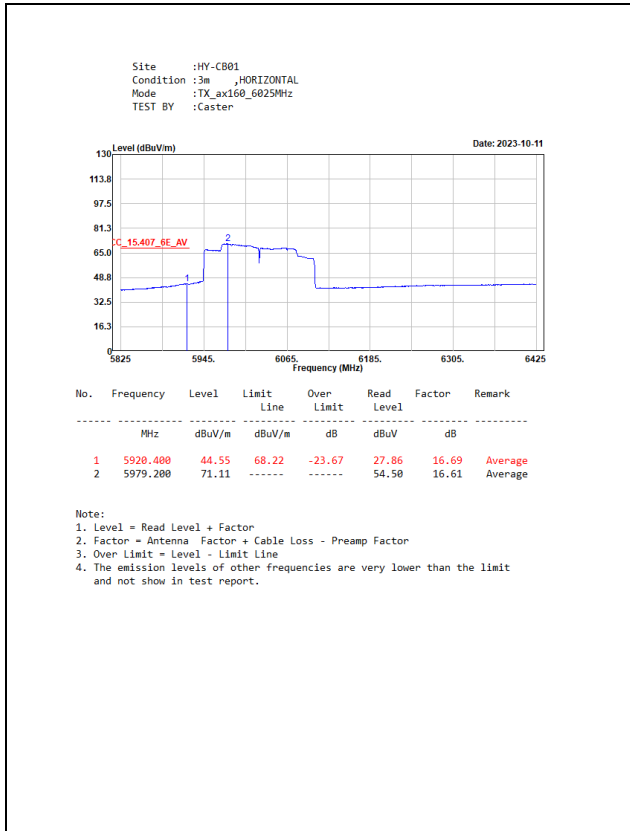


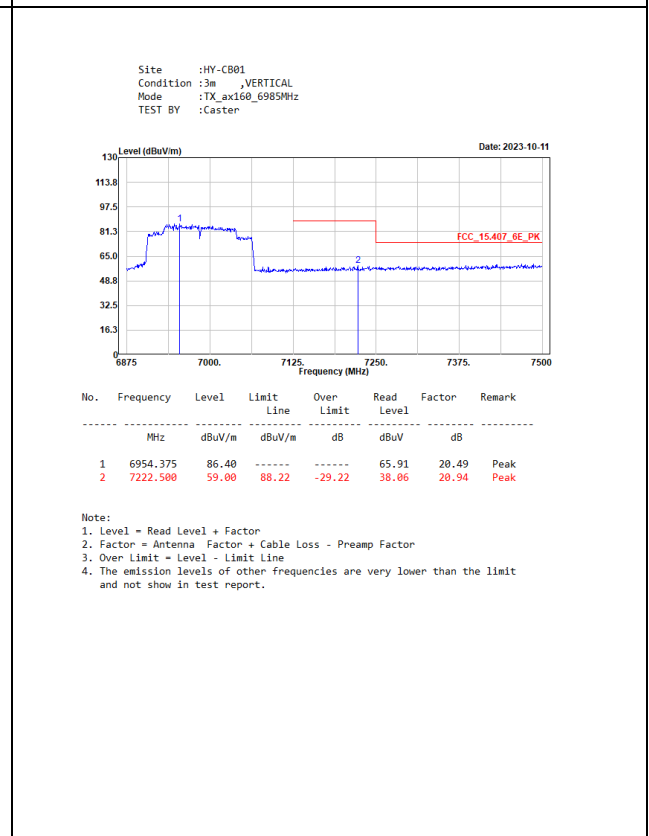
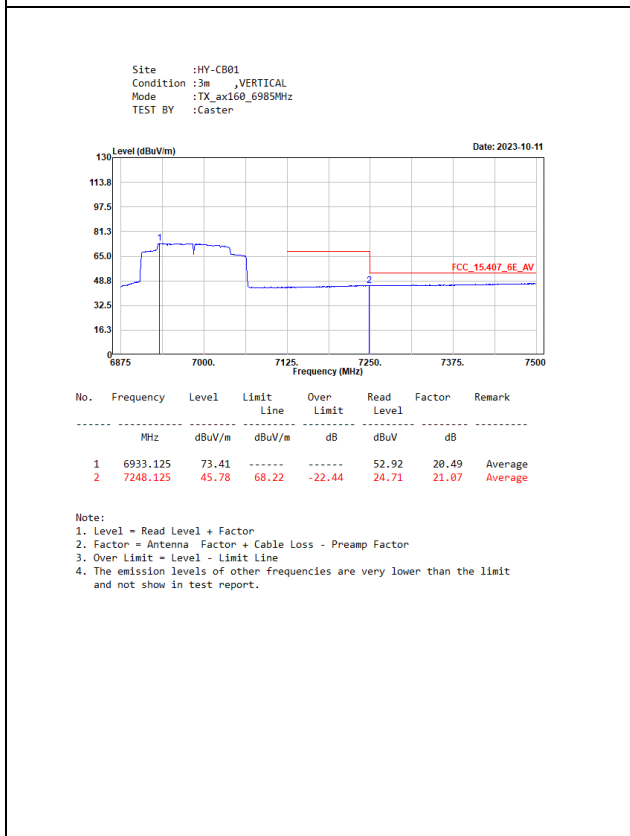
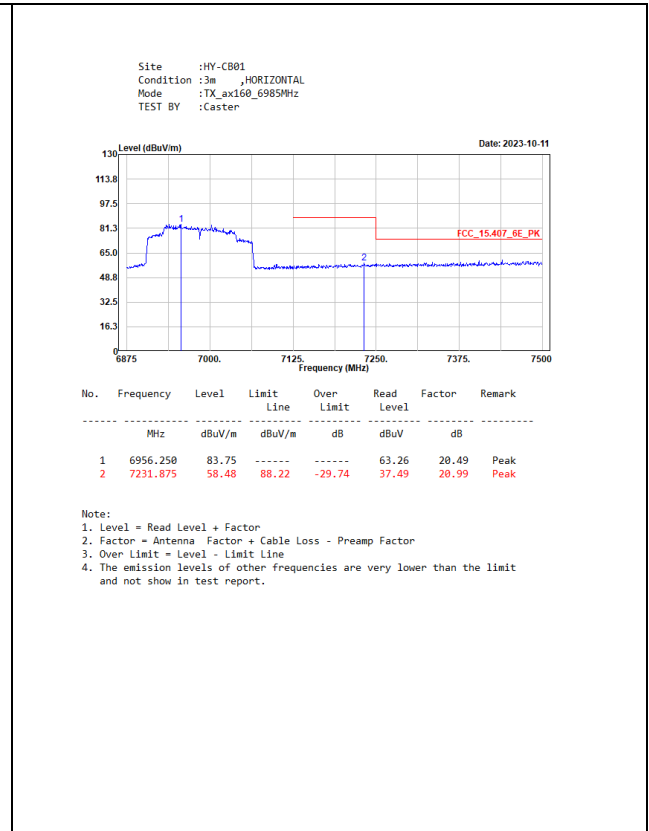
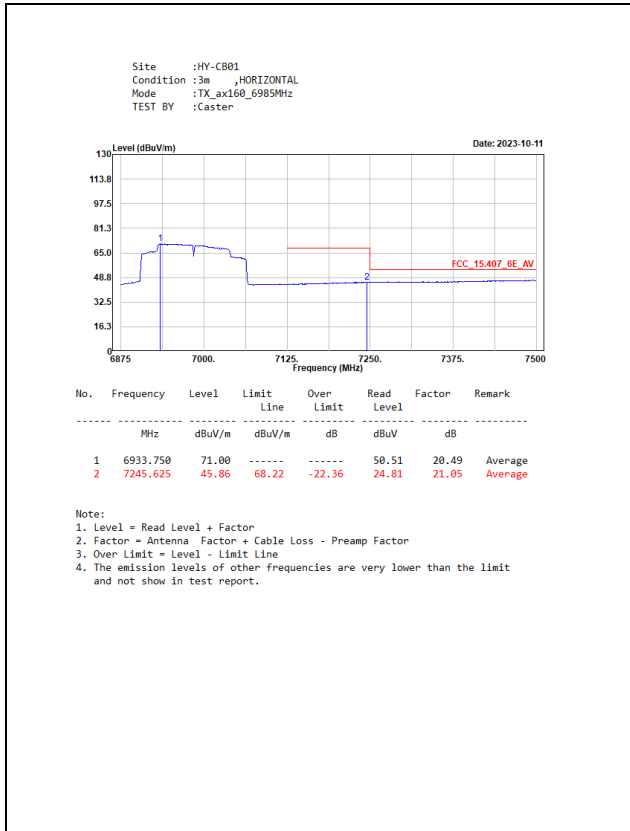






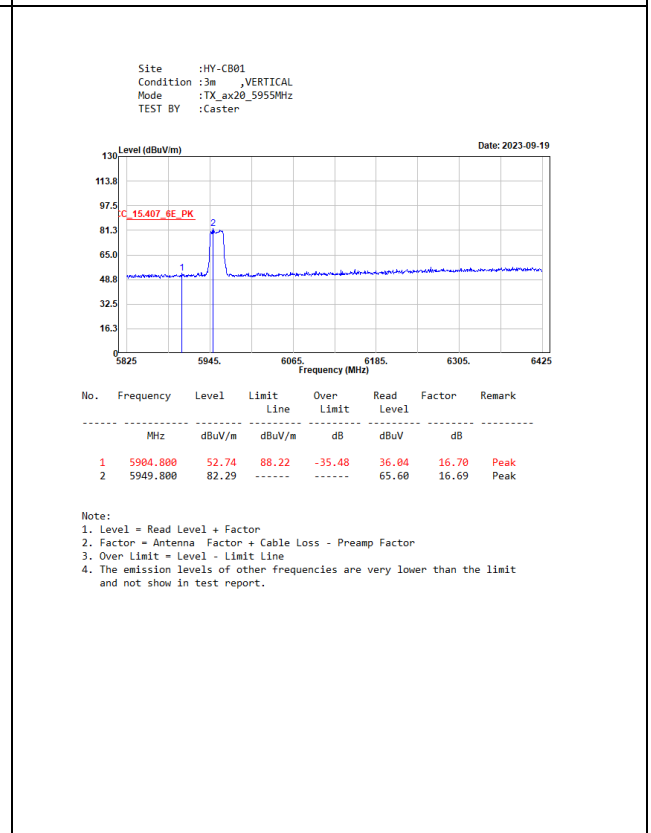
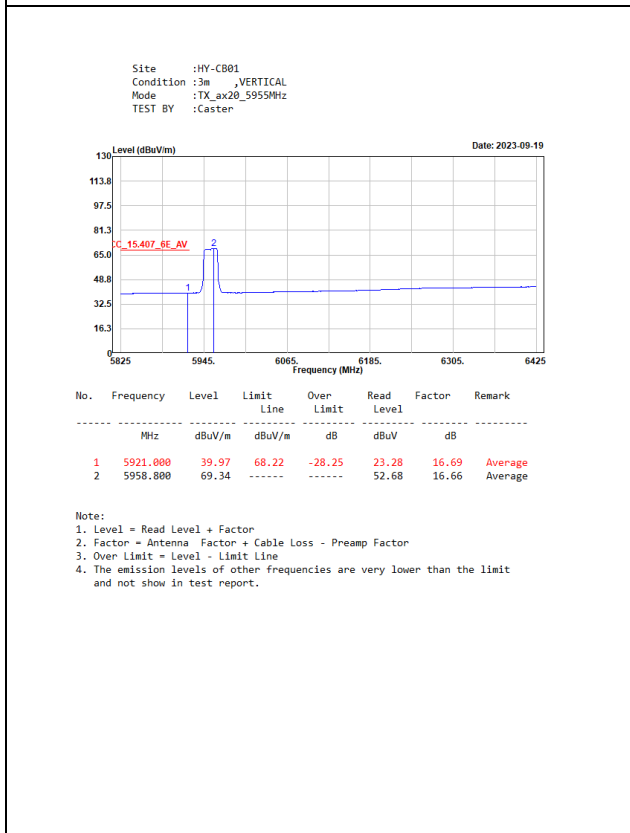
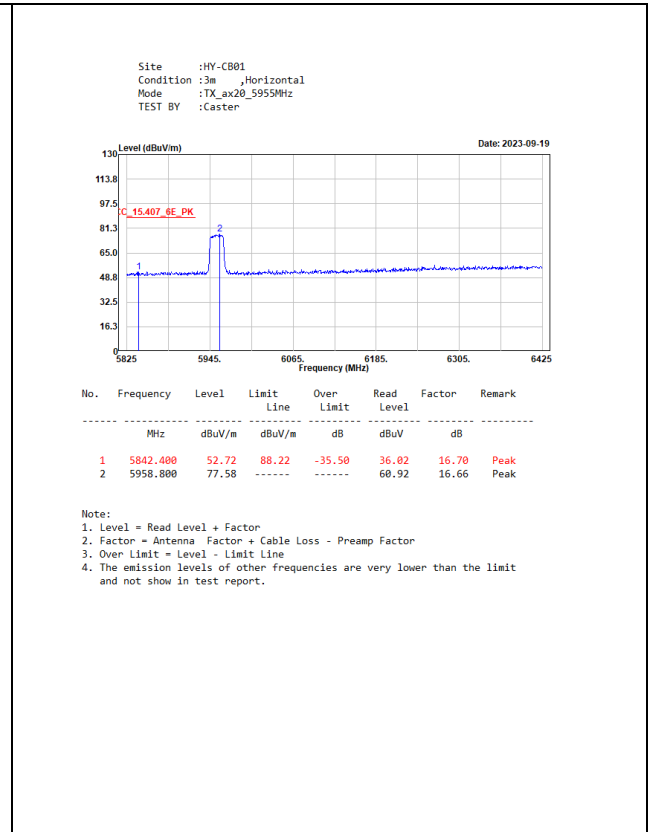
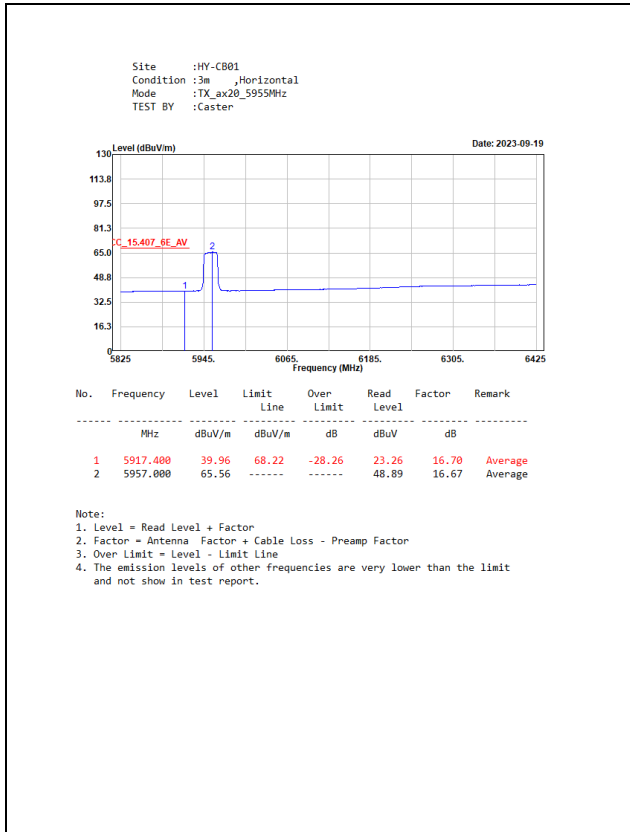


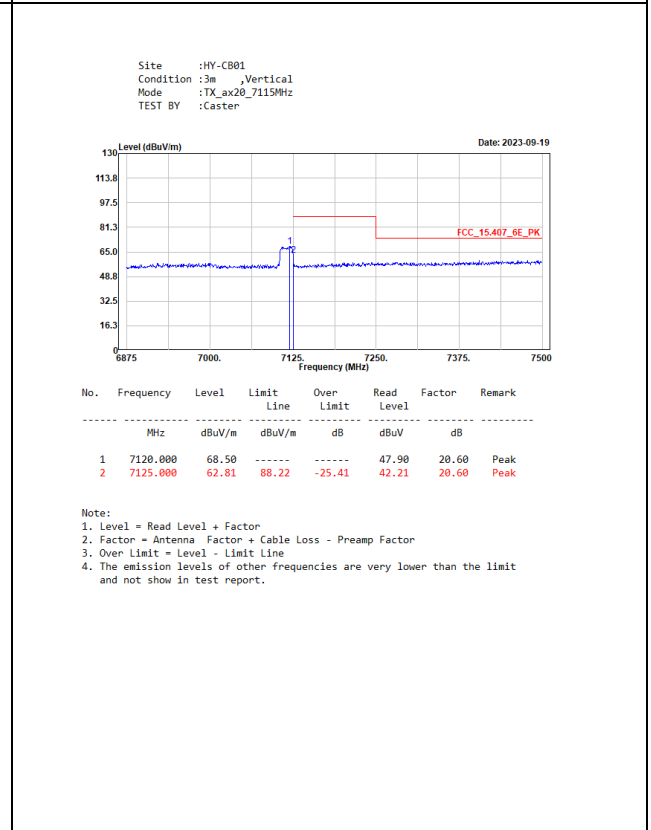
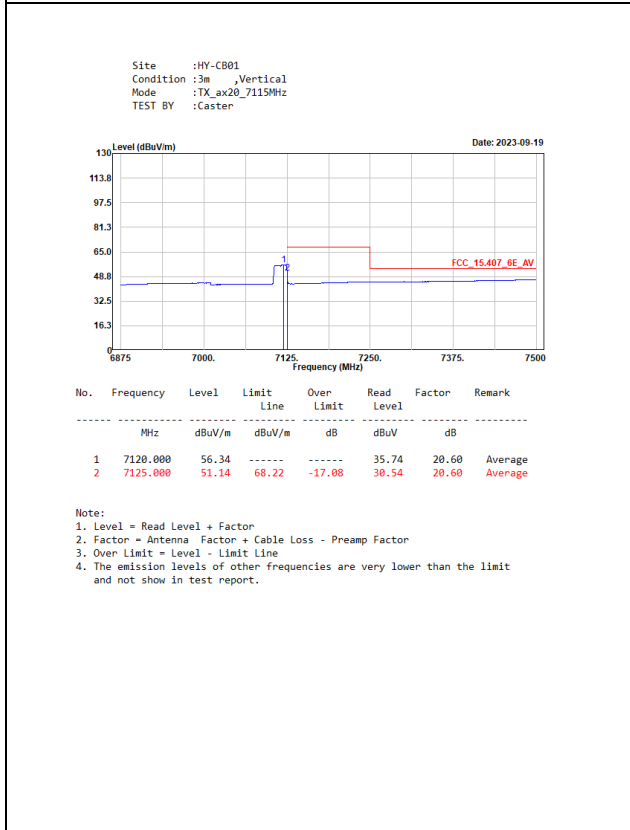
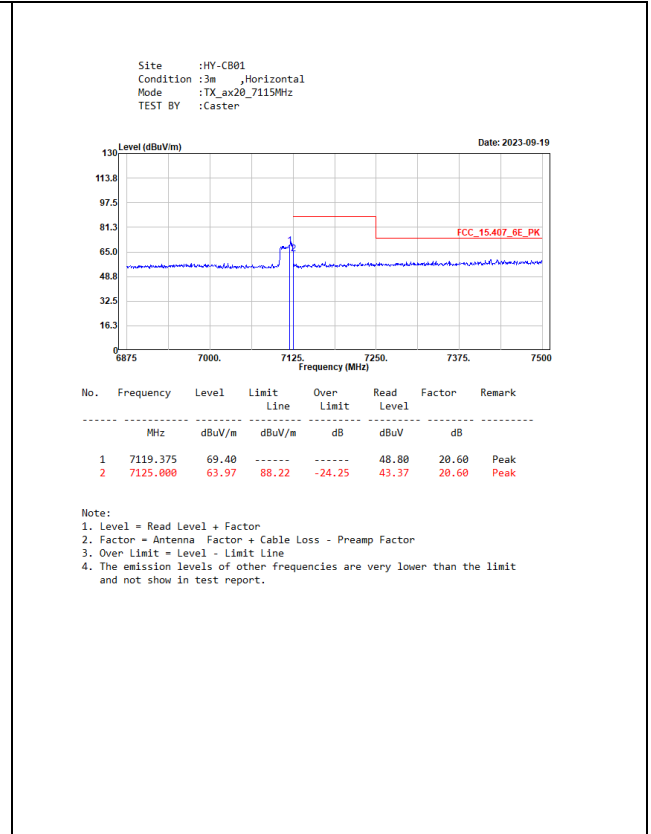
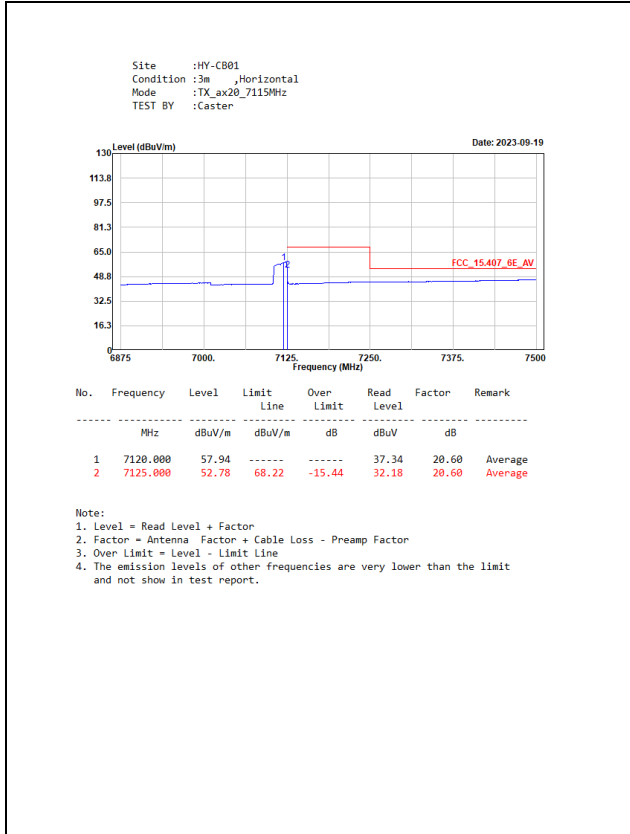


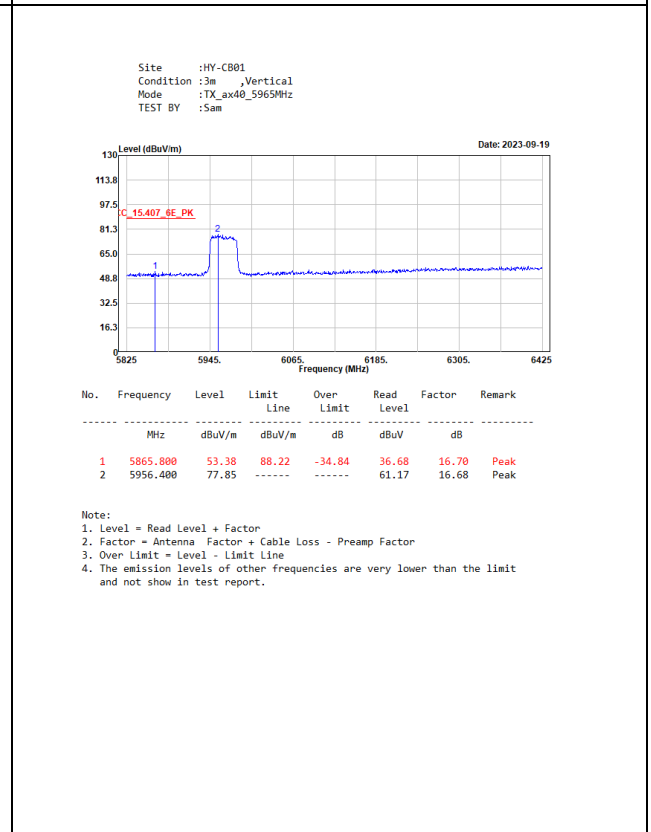
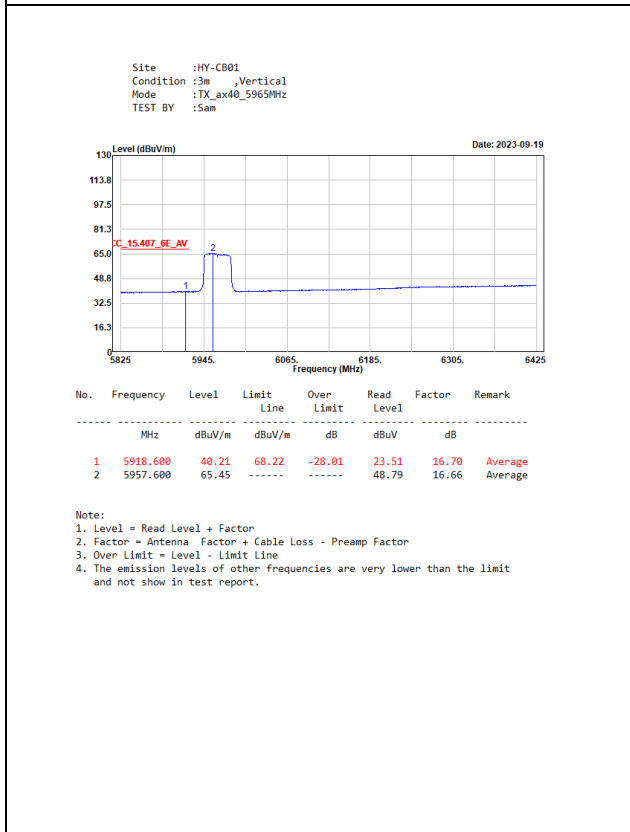
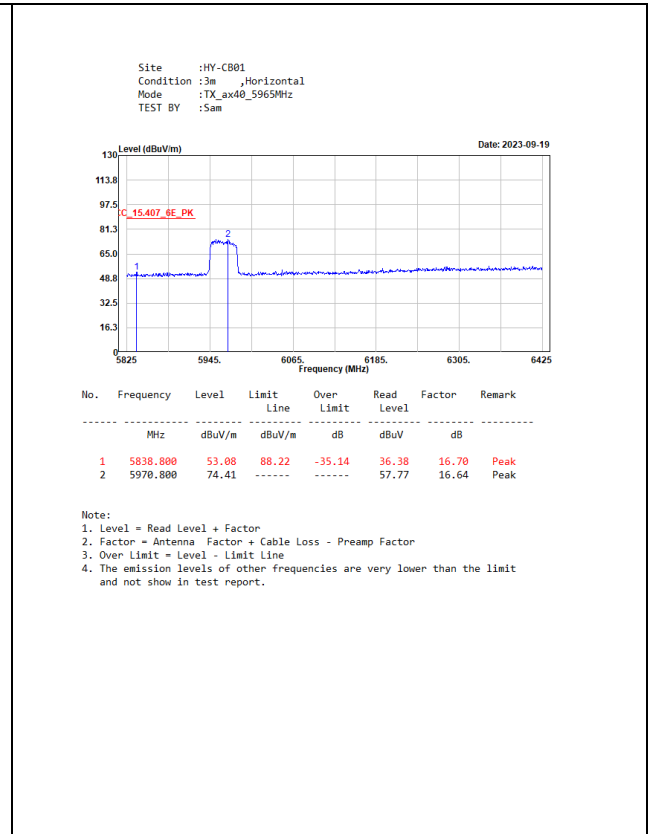
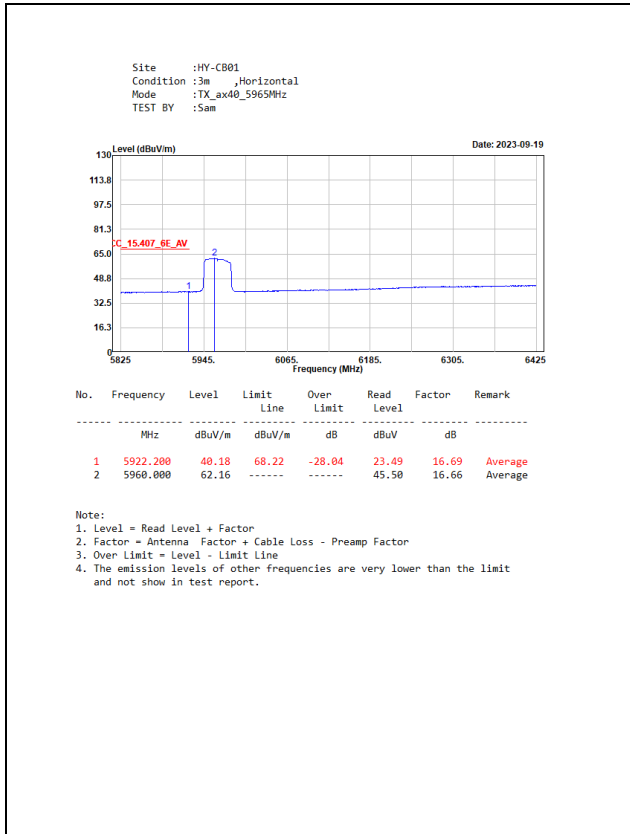


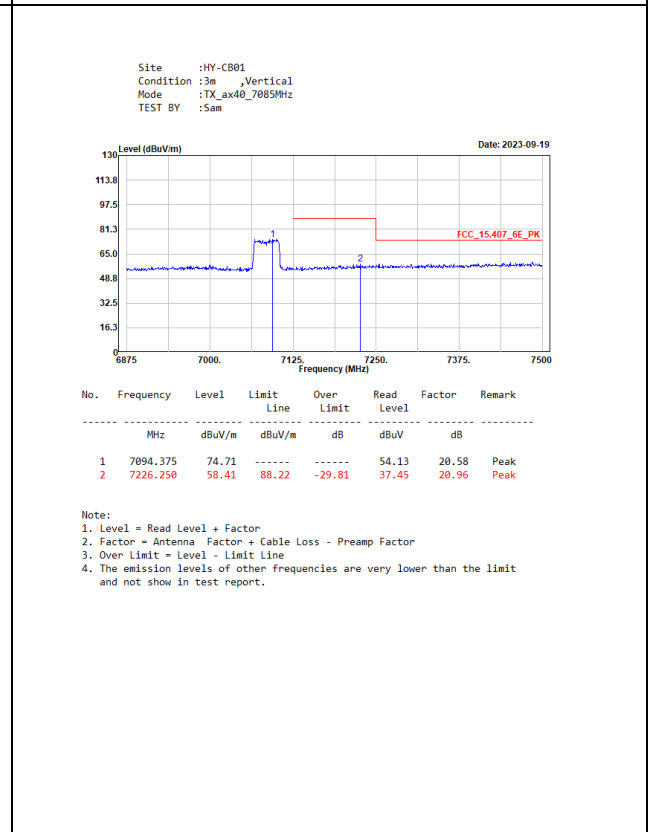
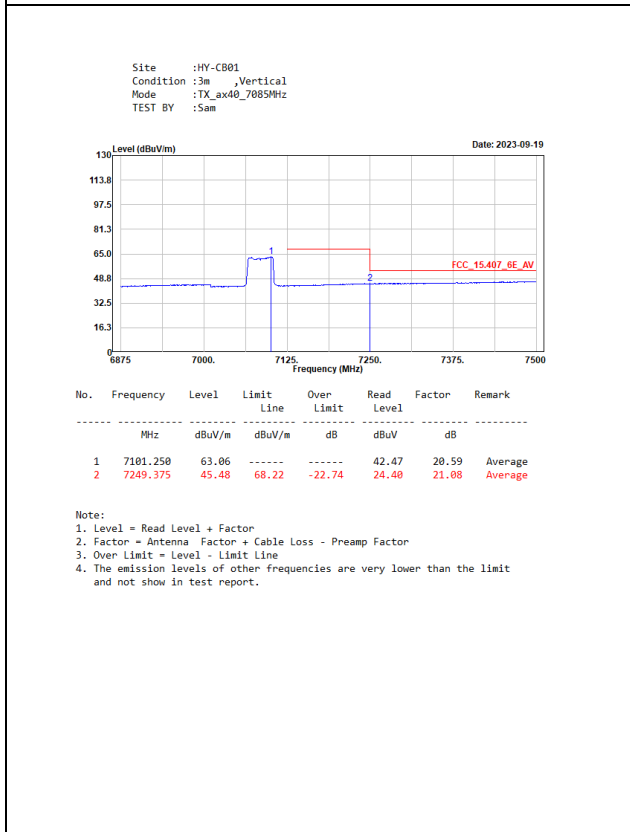
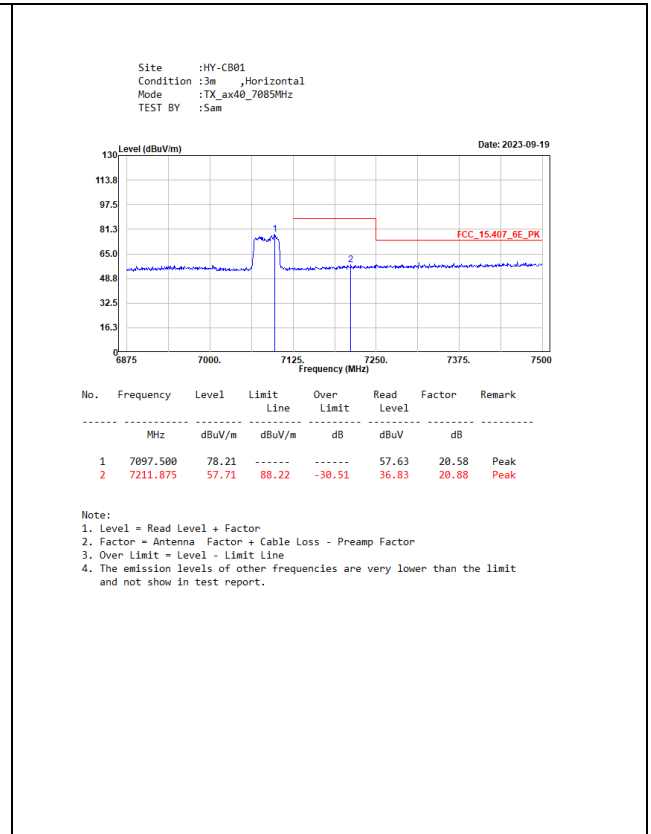
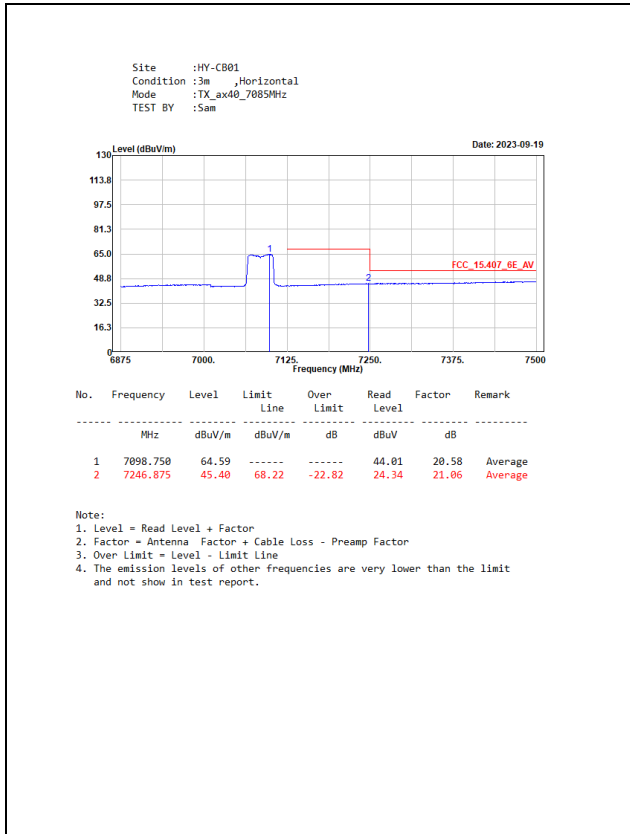


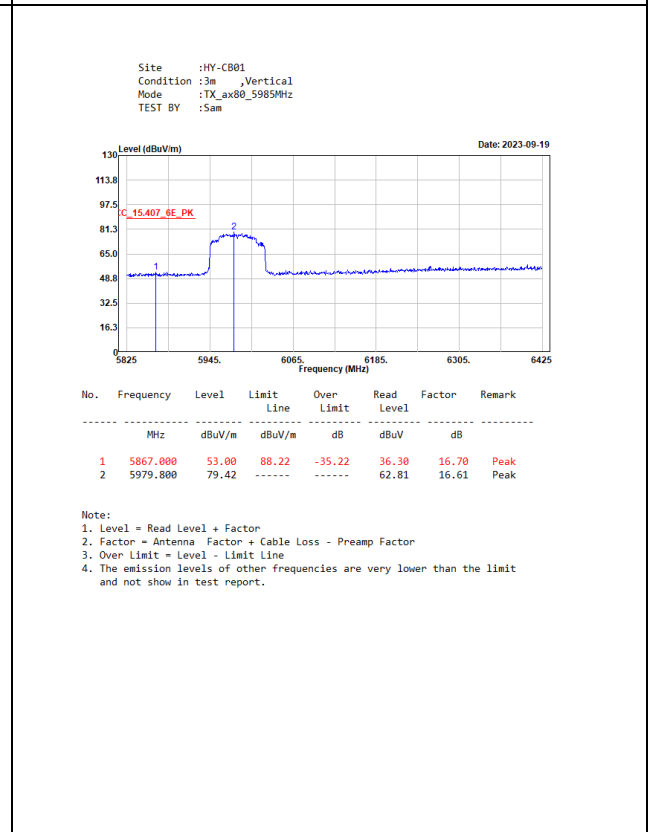
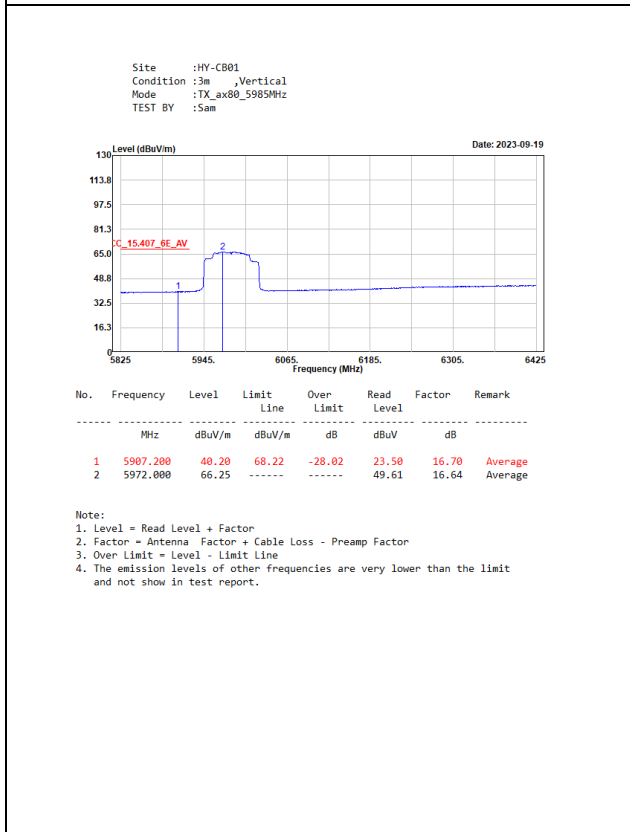
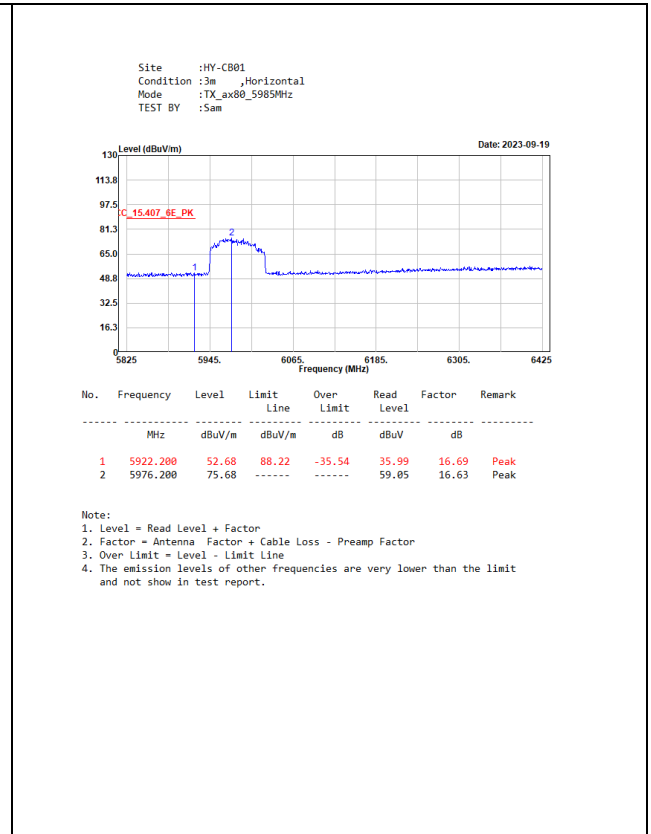
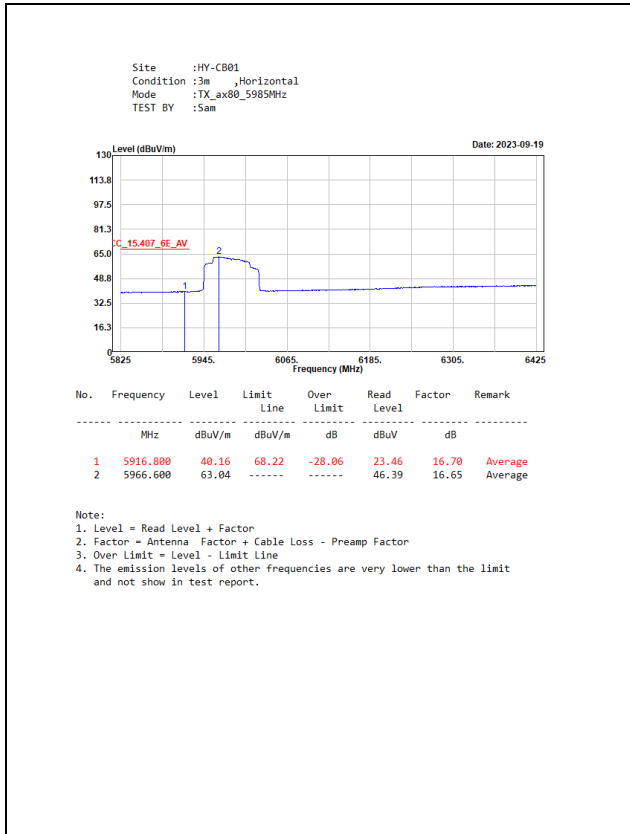
MIMO

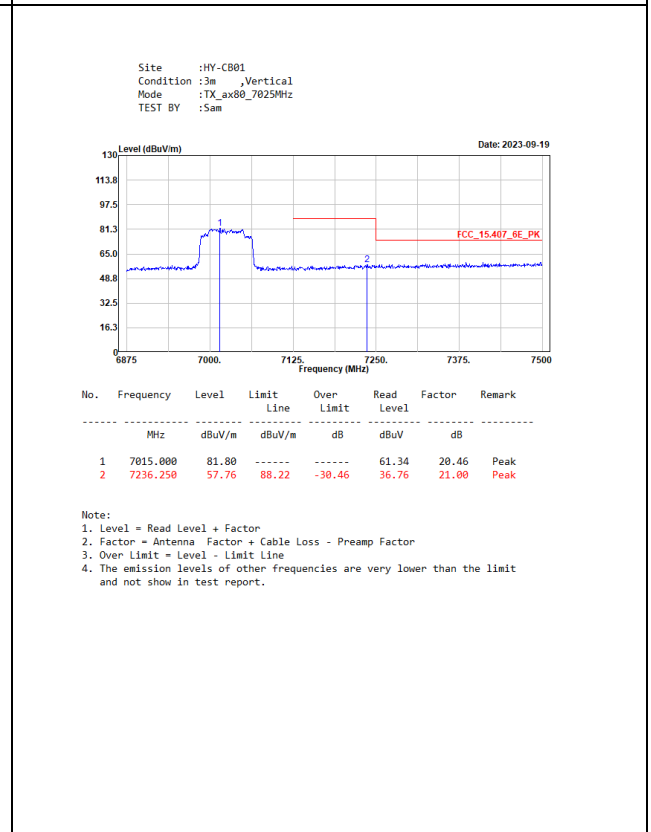
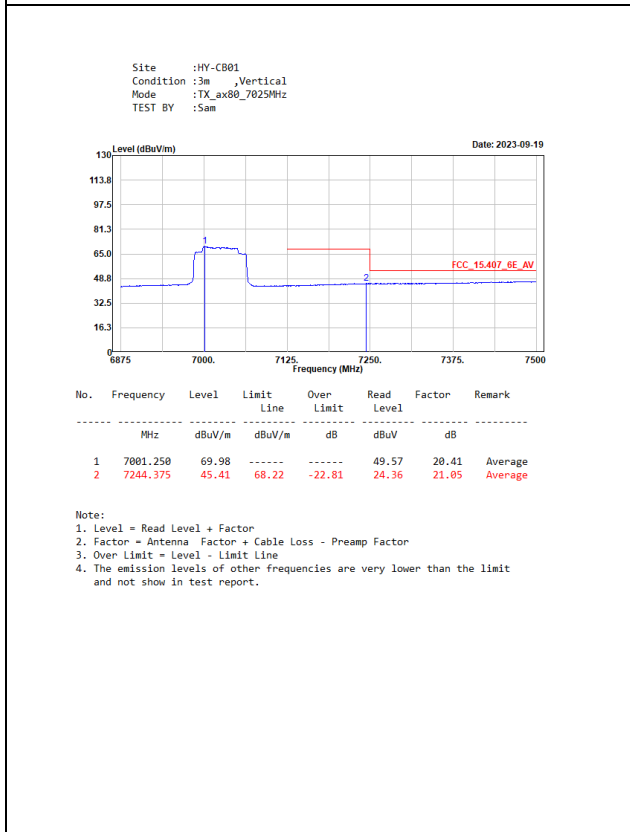
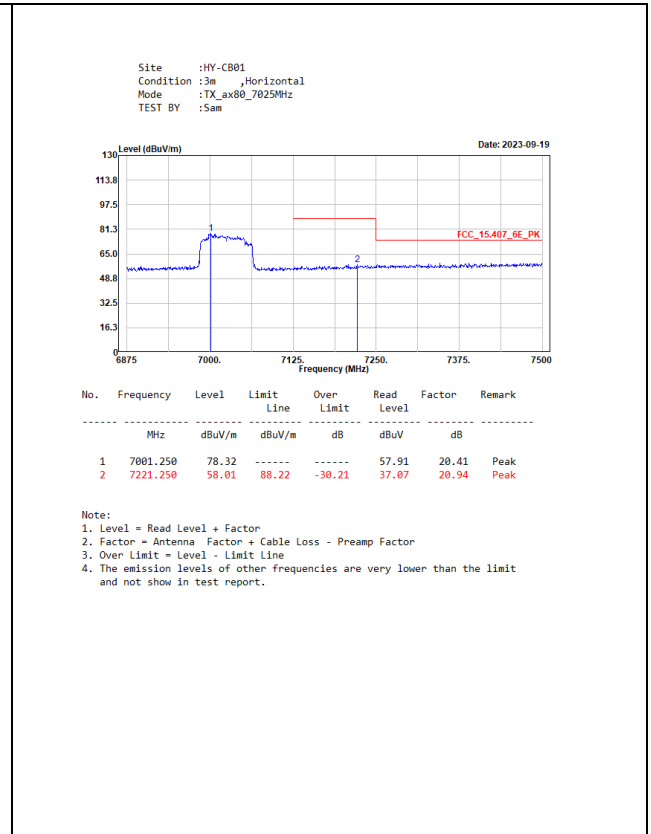
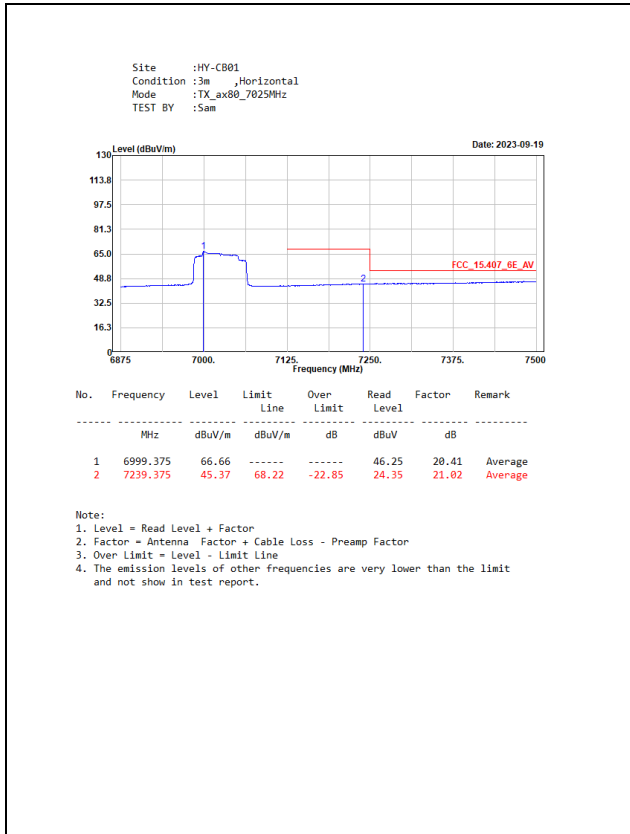


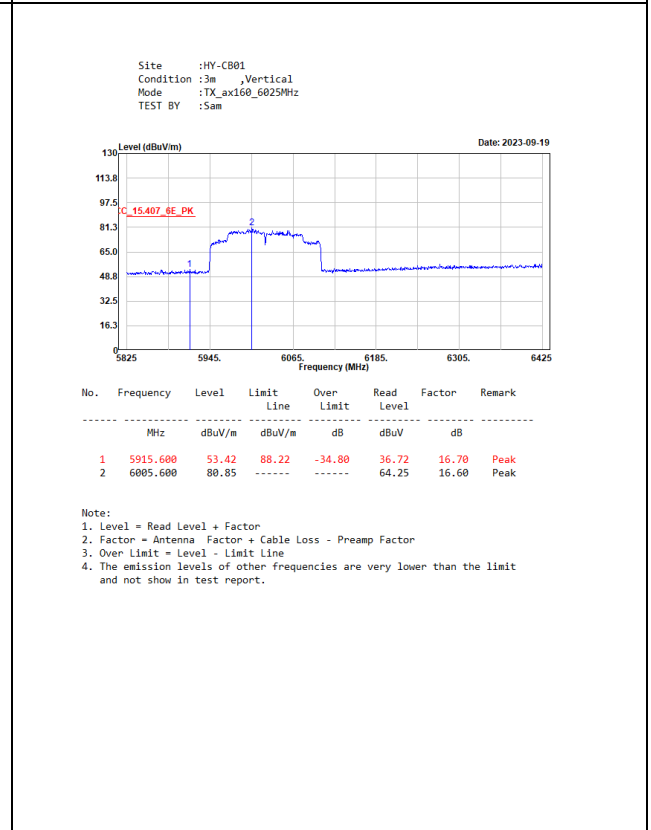
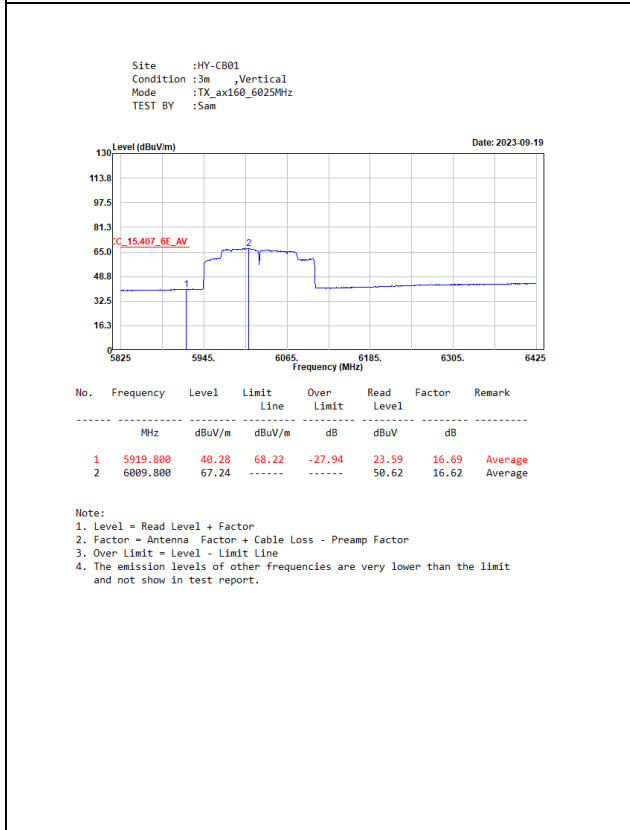
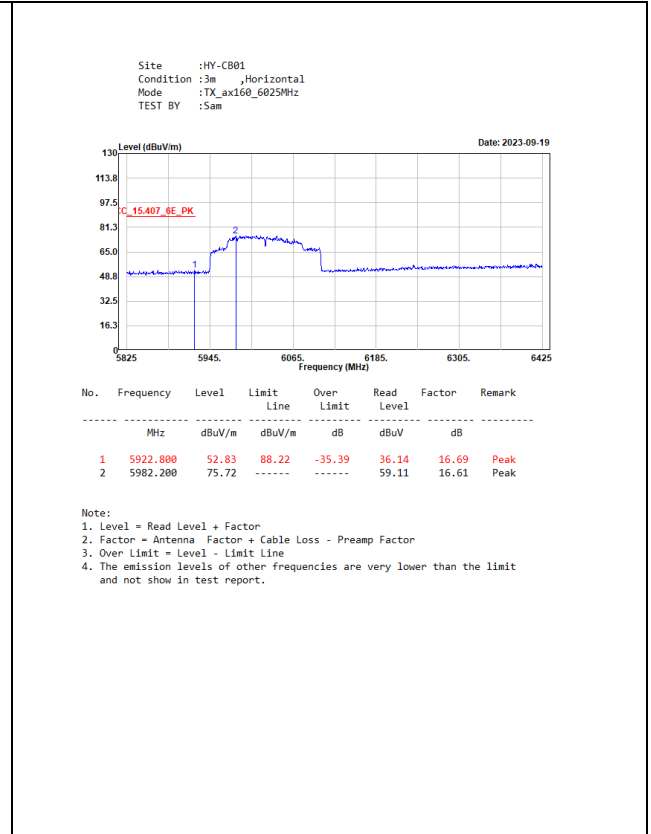
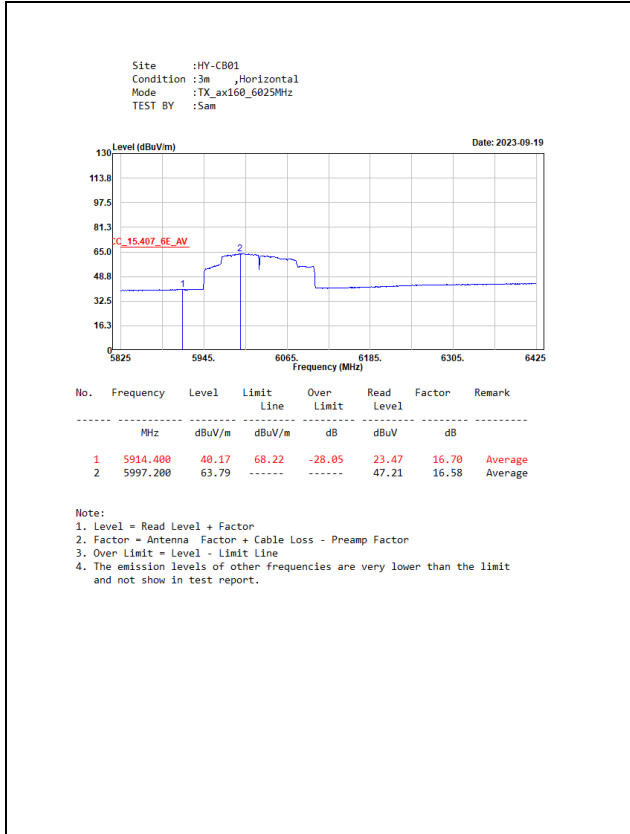


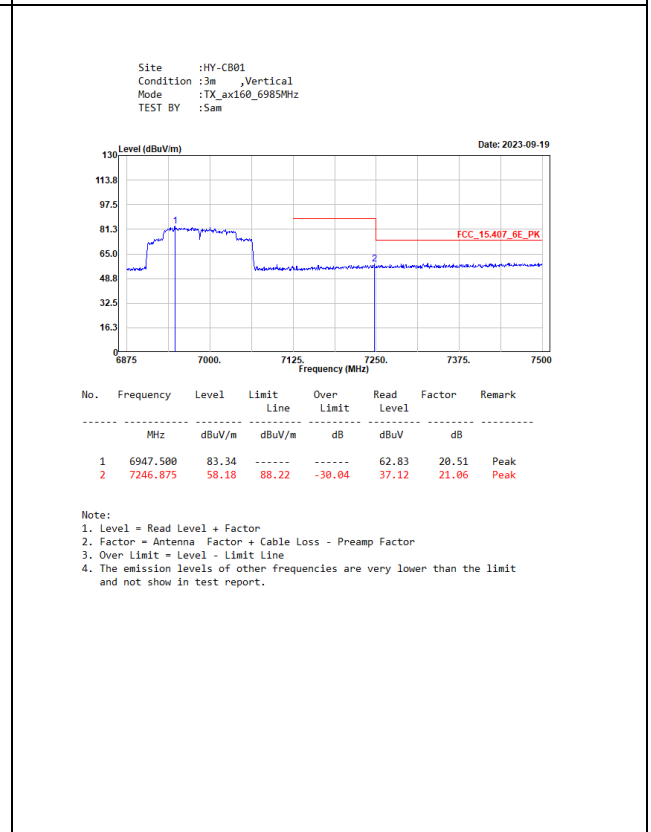
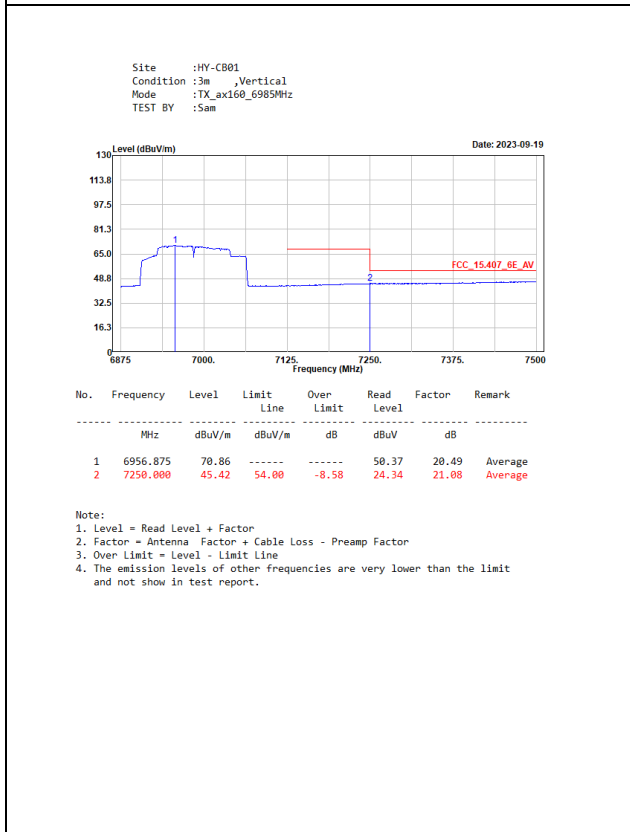
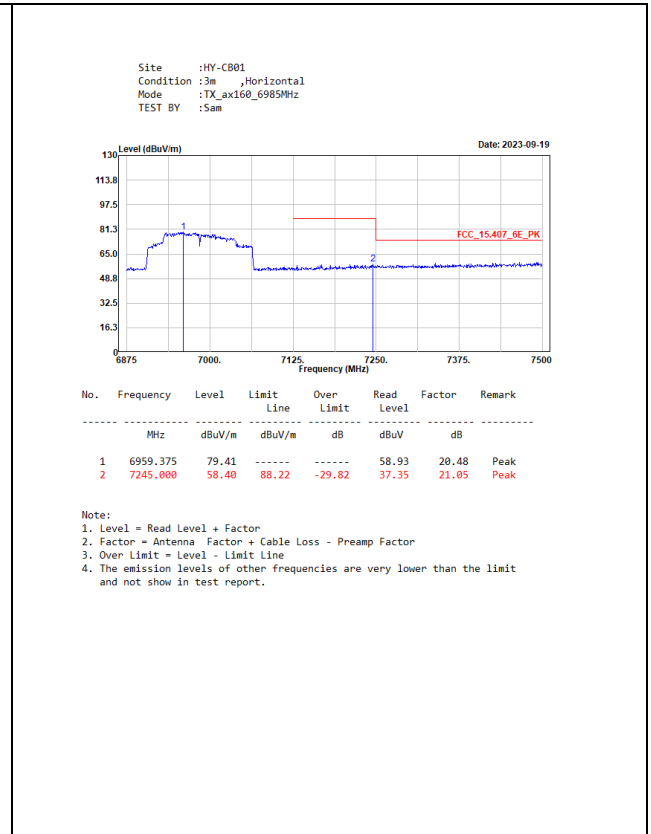
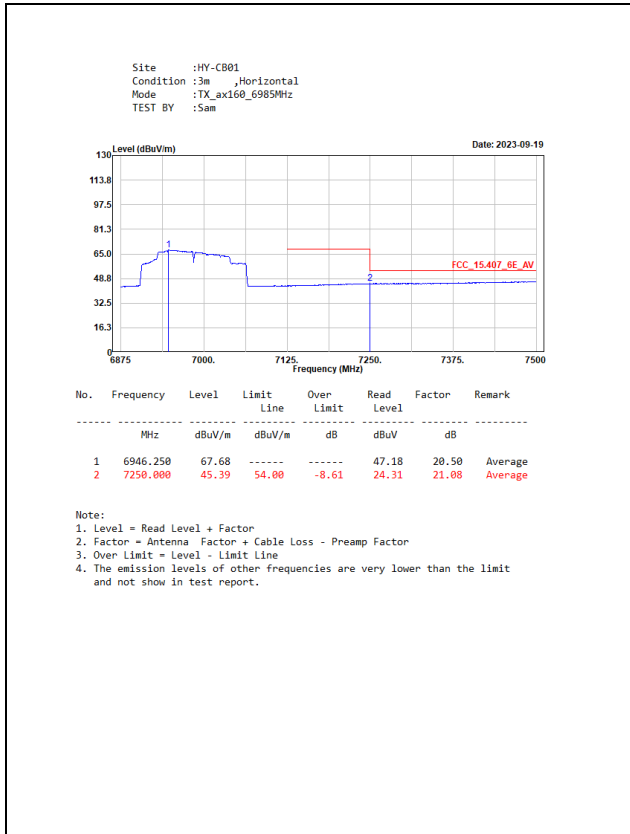








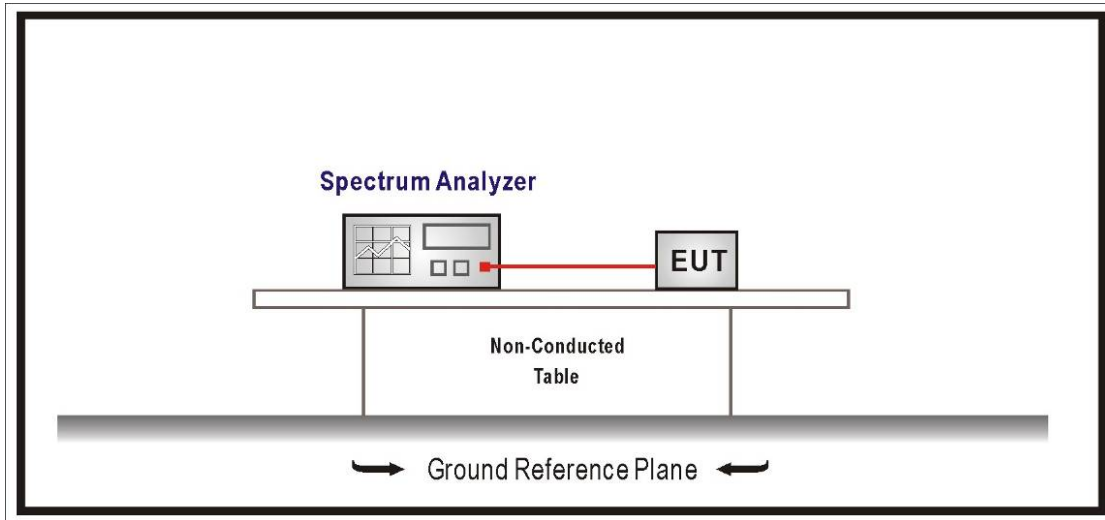






## 8. In-Band Emission (Mask)

### 8.1. Test Setup



### 8.2. Limits

Test Items	Frequencies (MHz)	(X) dBc * 1
Emission Mask	At 1MHz outside of channel ege	20
	At one channel bandwidth from the channel center *2	28
	At one- and one-half times the channel bandwidth away from channek center *3	40
	More than one- and one-half times the channel bandwidth	40

Remark:

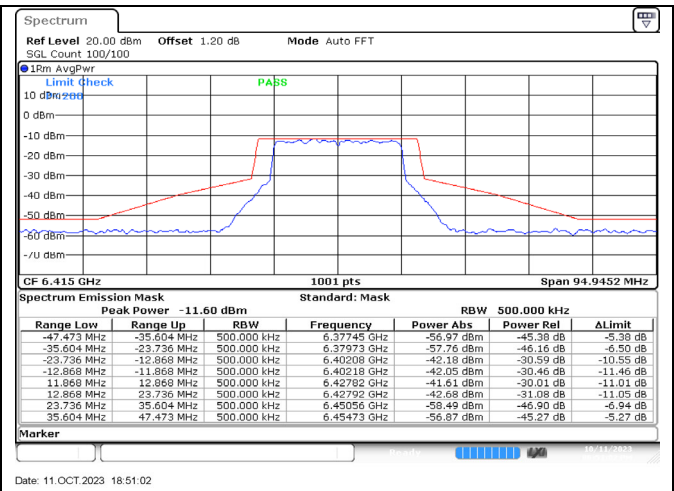
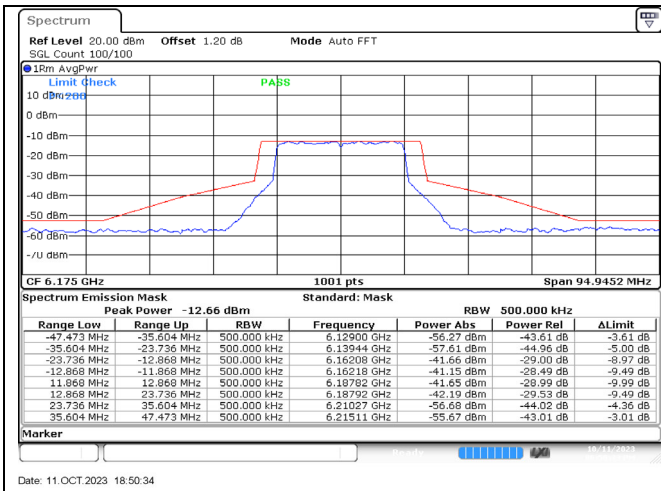
1. The power spectral density must be suppressed by “x” dB.
2. At frequencies between one megahertz outside an unlicensed device’s channek edge and one channel bandwidth from the center of the cannel, the Limits must be linearly interpolated between 20dB and 28dB suppression.
3. At frequencies between one and one- and one-half times an unlicensed device’s channel bandwidth, the Limits must be linearly interpolated between 28dB and 40dB suppression.

### 8.3. Test Procedure

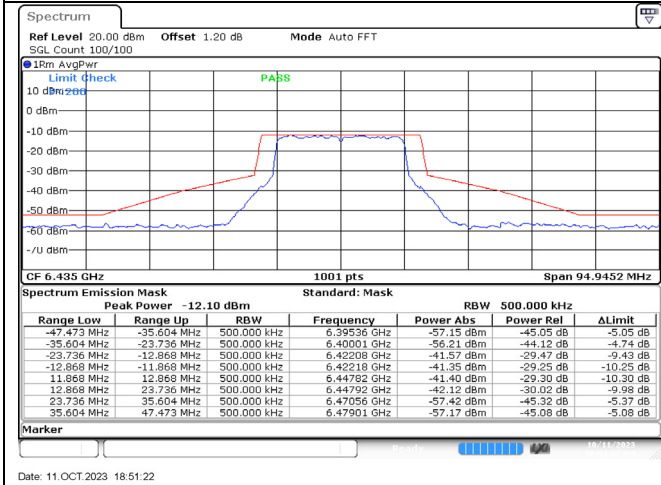
1. Connect output of the antenna port to a spectrum analyzer and adjust appropriate attenuation.
2. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (Determine the channel edge.)
3. Measure the power spectral density ( for emissions mask reference) using the following procedure:
  - (1) Set the span to encompass the entire 26 dB EBW of the signal.
  - (2) Set RBW = same RBW used for 26 dB EBW measurement.
  - (3) Set VBW  $\geq 3 \times$  RBW
  - (4) Number of points in sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
  - (5) Sweep time = auto.
  - (6) Detector = RMS (i.e., power averaging)
  - (7) Trace average at least 100 traces in power averaging (rms) mode.
  - (8) Use the peak search function on the instrument to find the peak of the spectrum.
4. 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:
  - (1) 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.)
  - (2) Suppressed by 28 dB at one channel bandwidth from the channel center.
  - (3) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
5. Adjust the span to encompass the entire mask as necessary and clear trace.
6. Trace average at least 100 traces in power averaging (rms) mode.
7. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

### 8.4. Test Result of In-Band Emission (Mask)

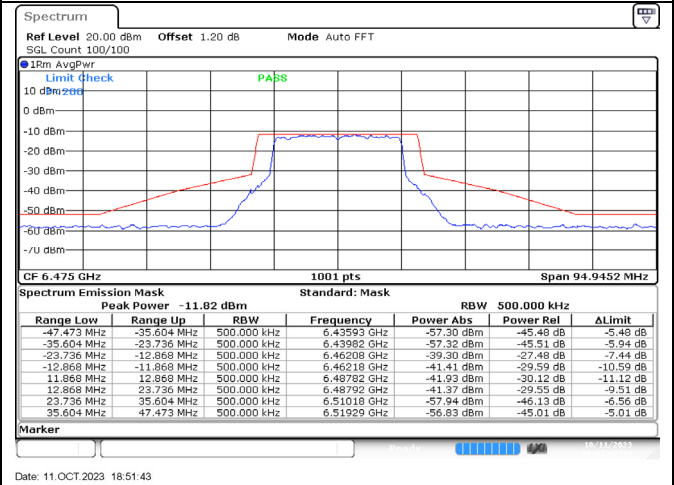




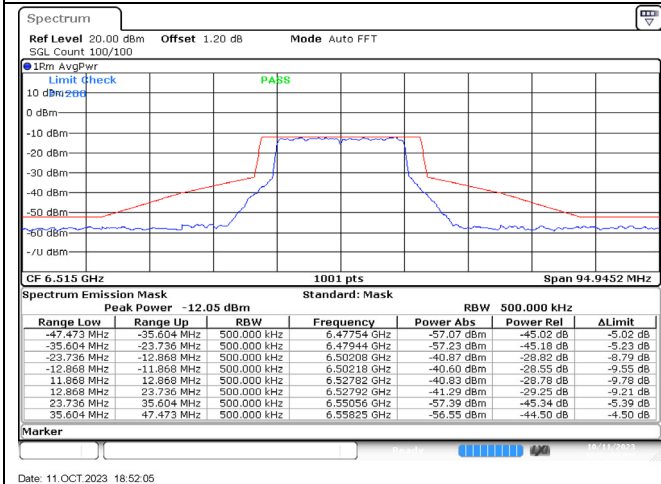
802.11ax20 MHz / 6175 MHz



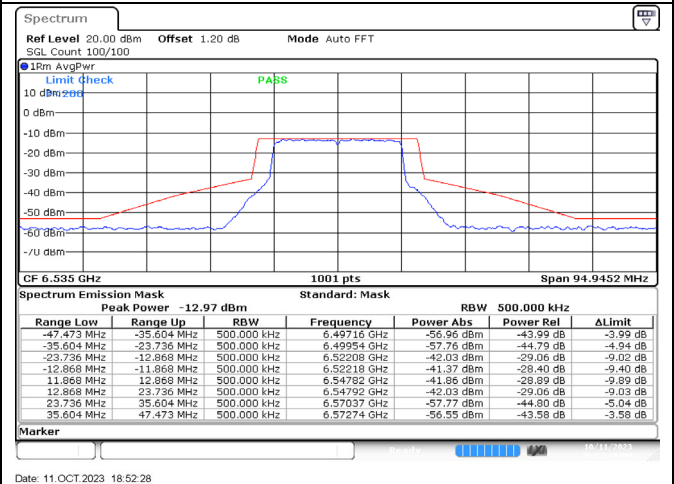
802.11ax20 MHz / 6415 MHz



802.11ax20 MHz / 6435 MHz

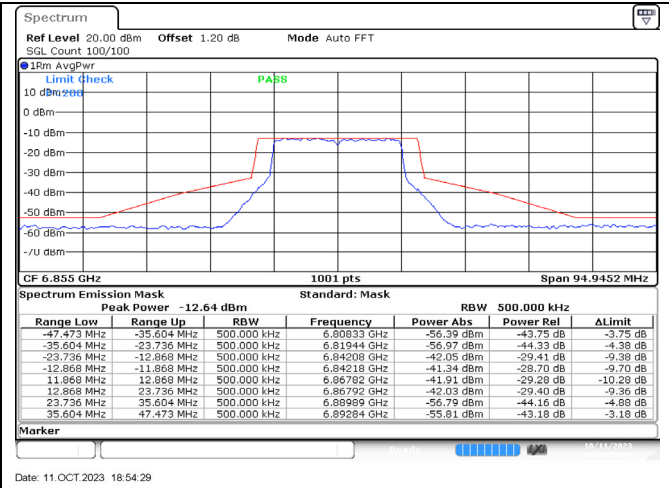
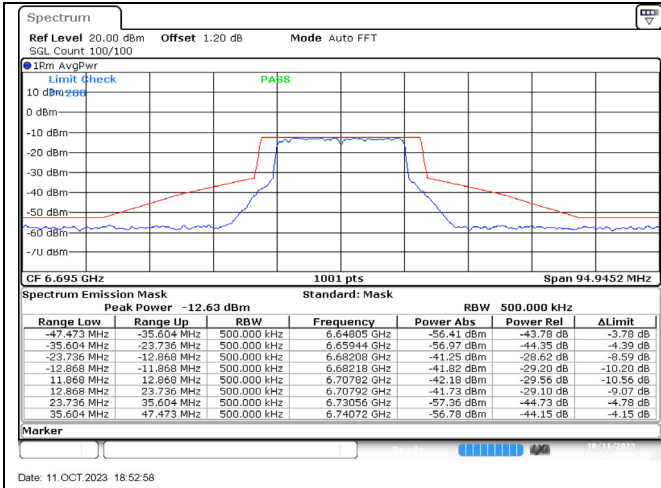


802.11ax20 MHz / 6475 MHz

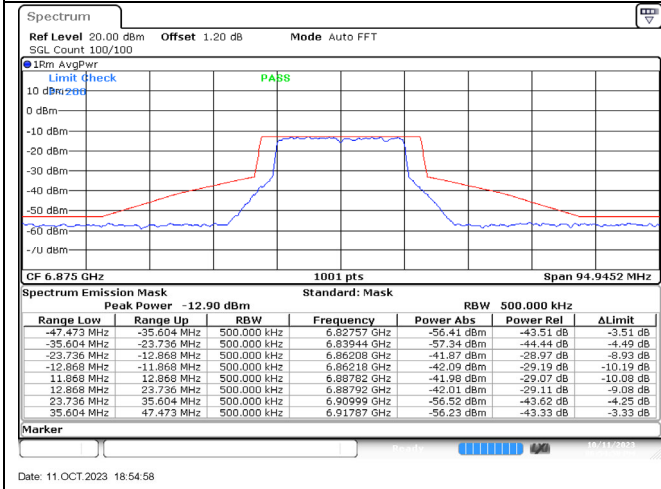


802.11ax20 MHz / 6515 MHz

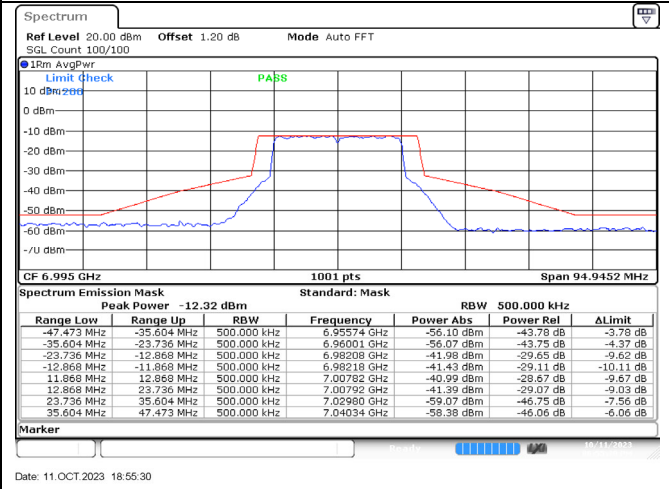
802.11ax20 MHz / 6535 MHz



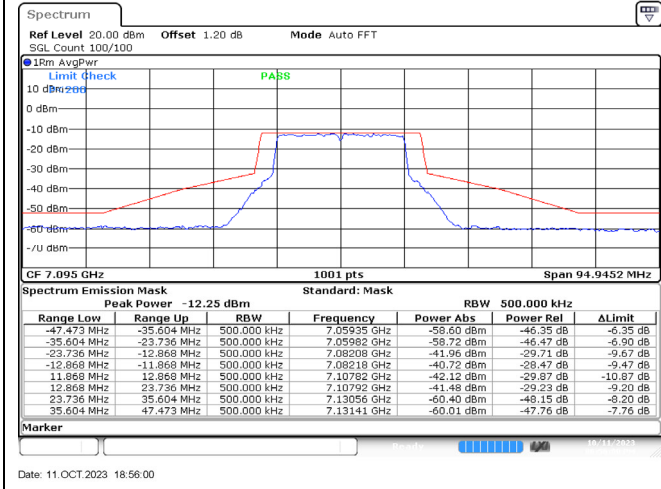
802.11ax20 MHz / 6695 MHz



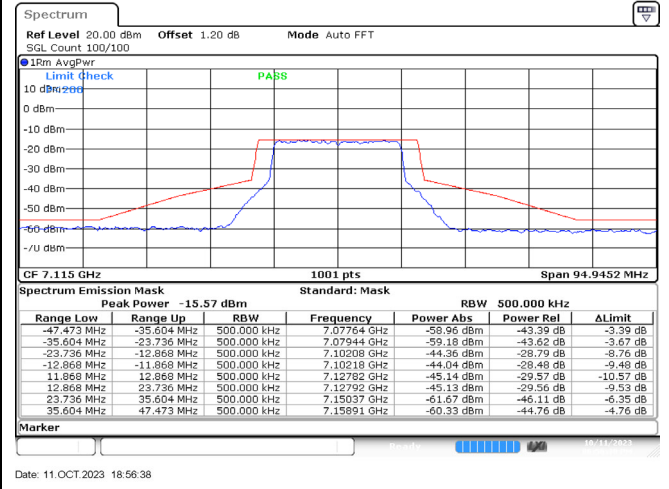
802.11ax20 MHz / 6855 MHz



802.11ax20 MHz / 6875 MHz

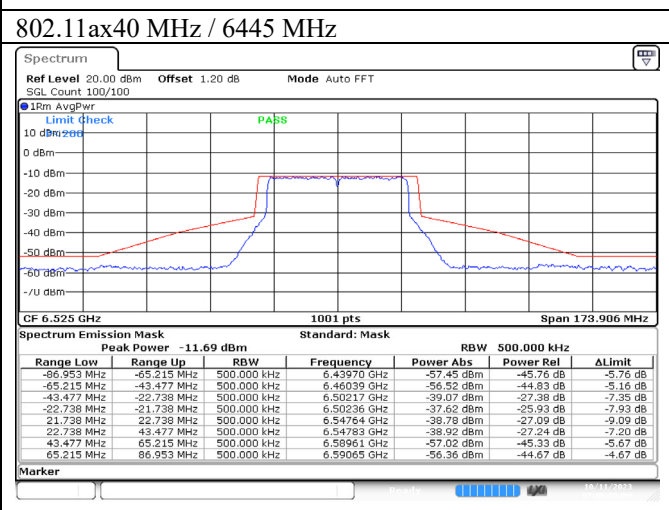
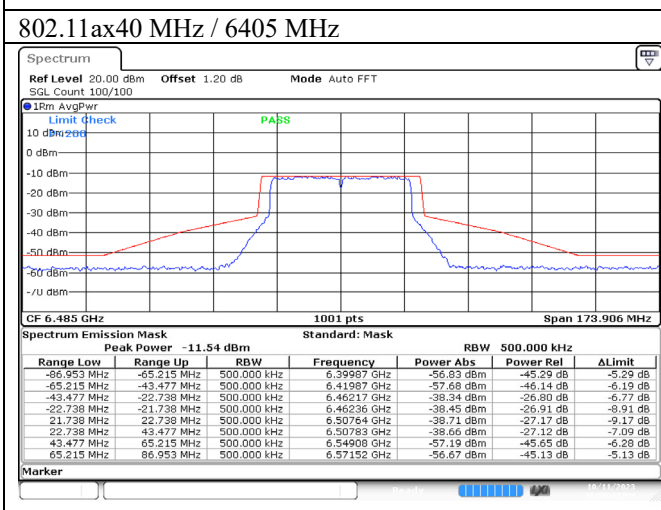
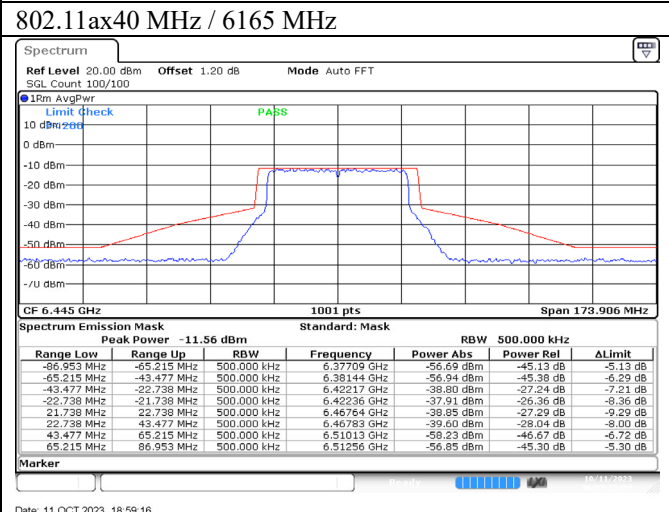
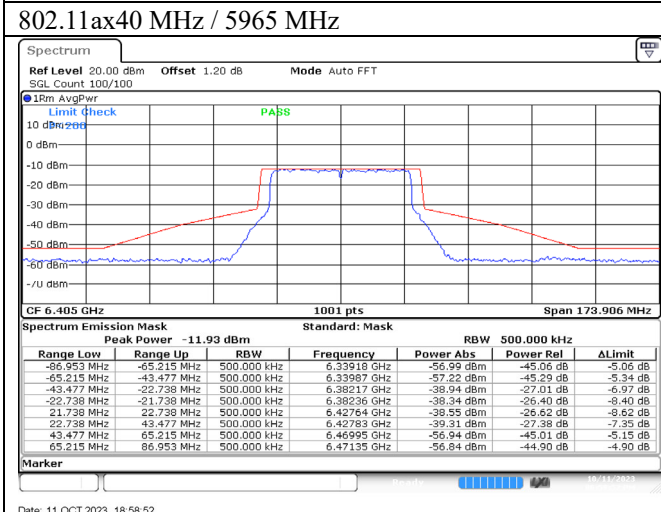
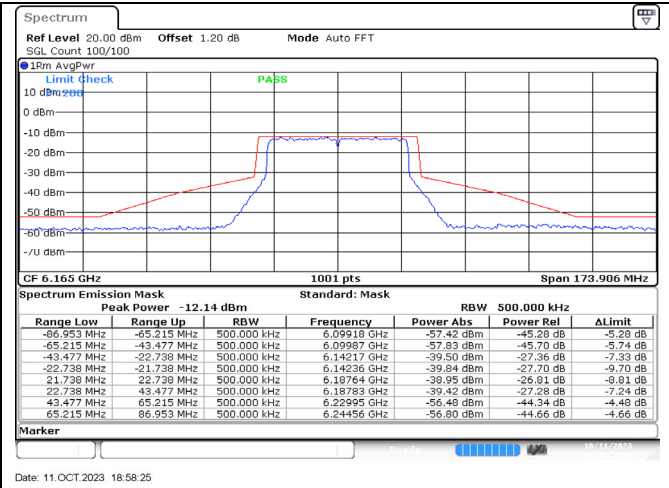
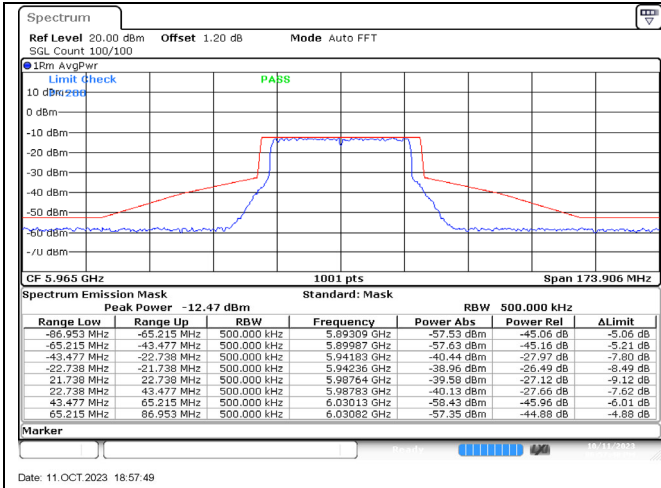


802.11ax20 MHz / 6995 MHz



802.11ax20 MHz / 7095 MHz

802.11ax20 MHz / 7115 MHz



802.11ax40 MHz / 6485 MHz

802.11ax40 MHz / 6525 MHz