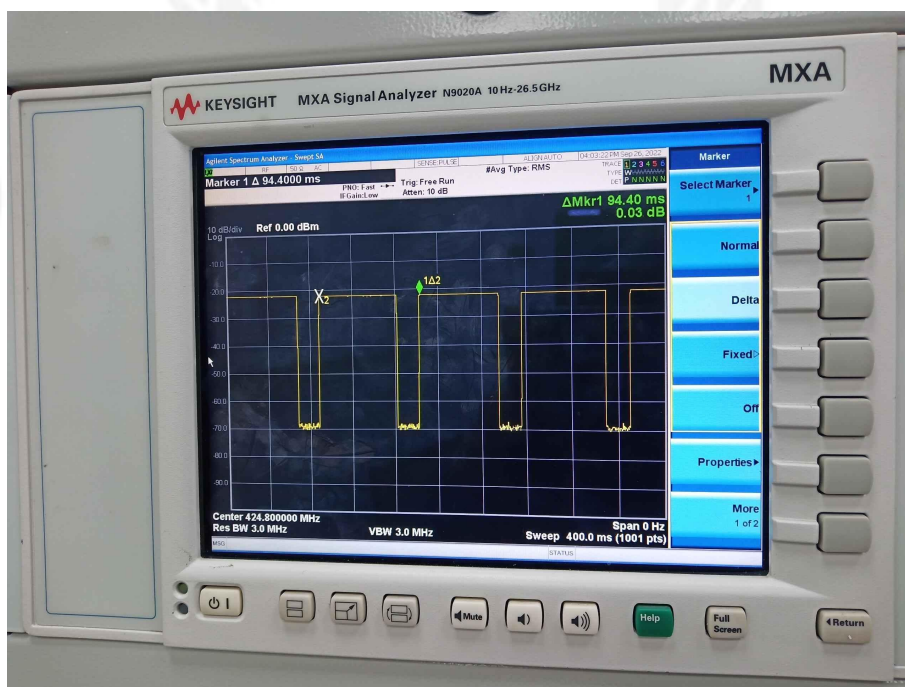
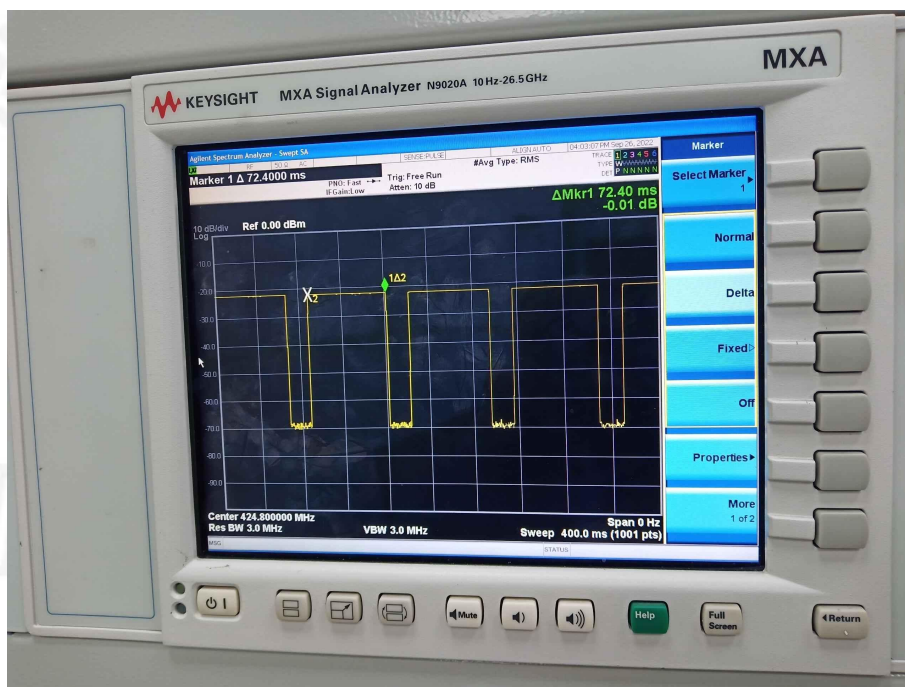


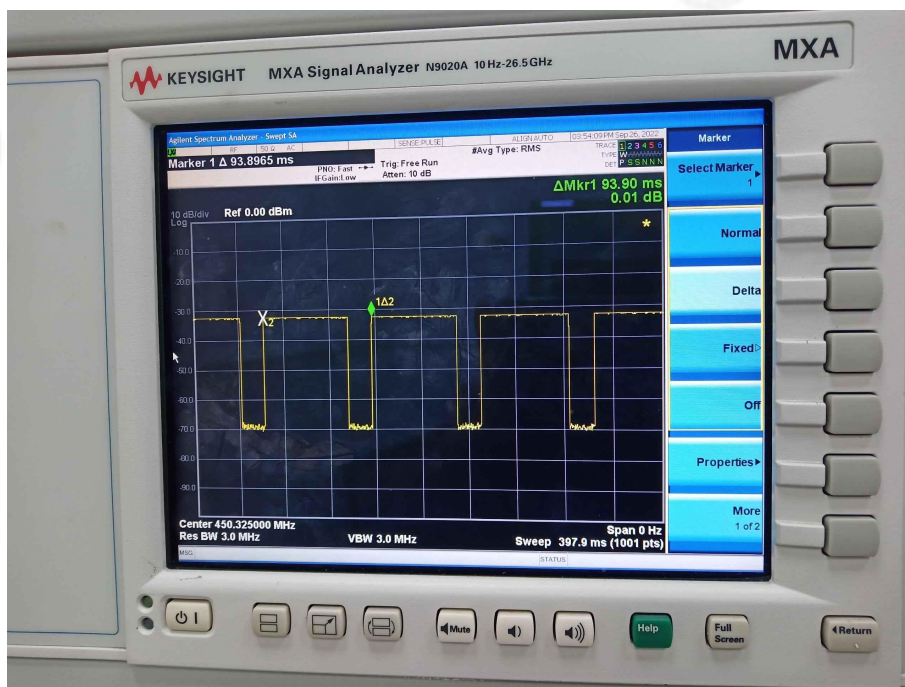
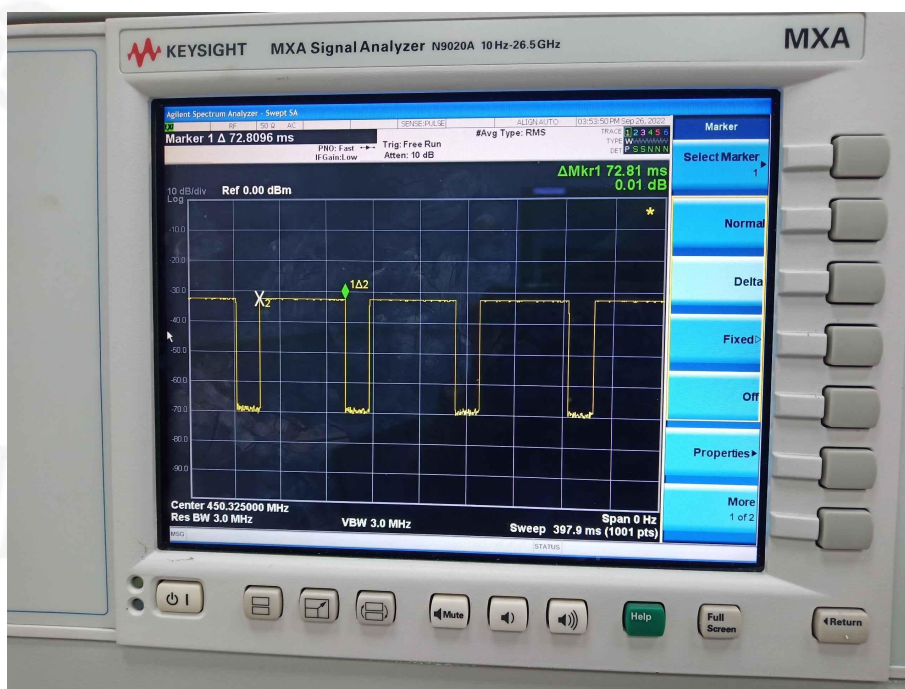


### 424.8MHz Cycle



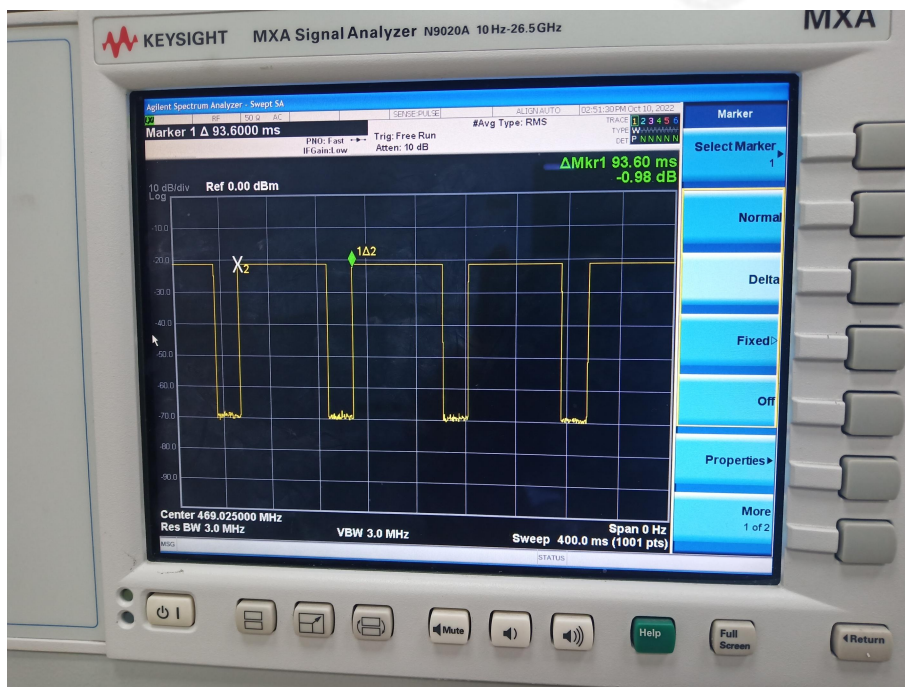
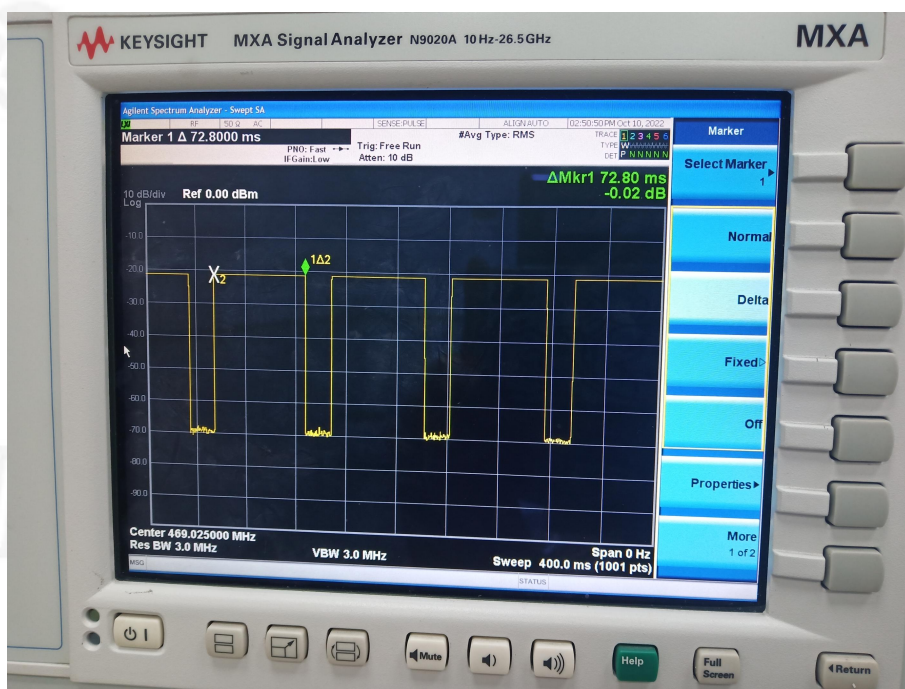


### 450.325MHz Cycle





### 469.025MHz Cycle







## 7. DWELL TIME

### 7.1 APPLICABLE STANDARD

According to FCC 15.231(a) requirement:

A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

### 7.2 TEST PROCEDURE

Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.

- 1.Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
- 2.Set RBW to 3 MHz and VBW of spectrum analyzer to 3 MHz with a convenient frequency span including 100 kHz bandwidth from band edge.
- 3.Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
- 4.Repeat above procedures until all measured frequencies were complete.

### 7.3 DEVIATION FROM STANDARD

No deviation.

### 7.4 TEST SETUP



### 7.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.



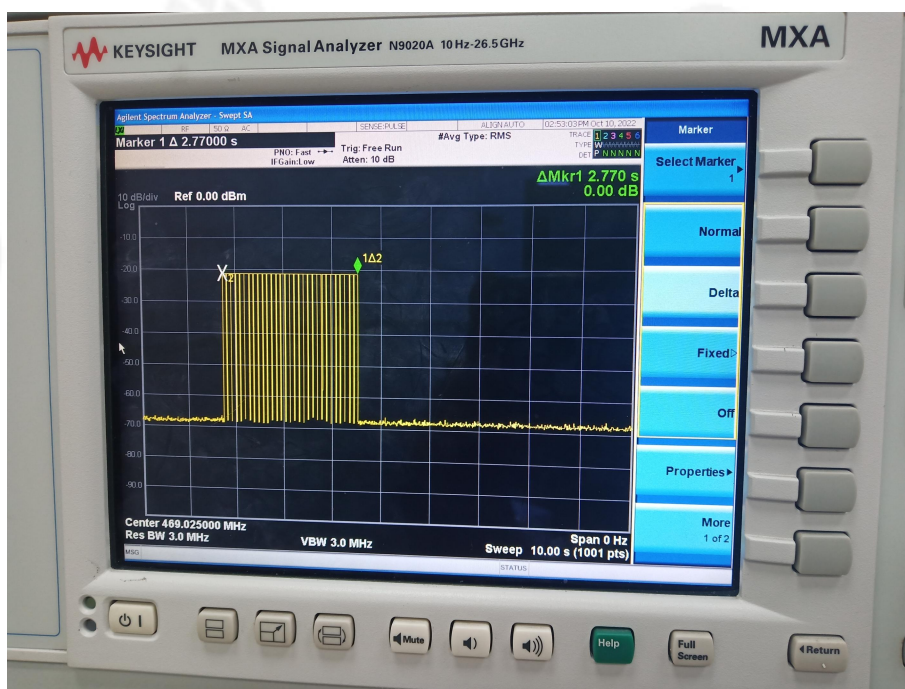
Frequency	Dwell time (second)	Limit (second)	Result
424.8MHz	2.79s	<5s	Pass
450.325MHz	2.793s	<5s	Pass
469.025MHz	2.77s	<5s	Pass

The image shows a Keysight MXA Signal Analyzer N9020A. The screen displays a spectrum plot with a sharp peak at 2.79000 MHz. The plot is centered at 424.800000 MHz with a resolution bandwidth of 3.0 MHz and a span of 10.00 s (1001 pts). The interface includes various control buttons and a status bar at the bottom.

Key information displayed on the screen:

- Marker 1:**  $\Delta$  2.79000 s
- Delta Marker 1:** 2.790 s, -0.01 dB
- Center:** 424.800000 MHz
- Res BW:** 3.0 MHz
- VBW:** 3.0 MHz
- Sweep:** 10.00 s (1001 pts)
- Span:** 10.00 s (1001 pts)

The screen also shows a "Ref 0.00 dBm" and a "Marker 1" label. The interface includes a "Select Marker" button and a "Properties" button. The status bar at the bottom shows "Mute", "Help", "Full Screen", and "4 Return".





## 8. ANTENNA REQUIREMENT

Standard requirement:	FCC Part15 C Section 15.203
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
EUT Antenna:	
The antenna is External antenna with RP-SMA connector, the best case gain of the antennas are 2dBi, reference to the appendix II for details	



## 9. TEST SETUP PHOTO

Reference to the appendix I for details.

## 10. EUT CONSTRUCTIONAL DETAILS

Reference to the appendix II for details.

\*\*\*\*\* END OF REPORT \*\*\*\*\*