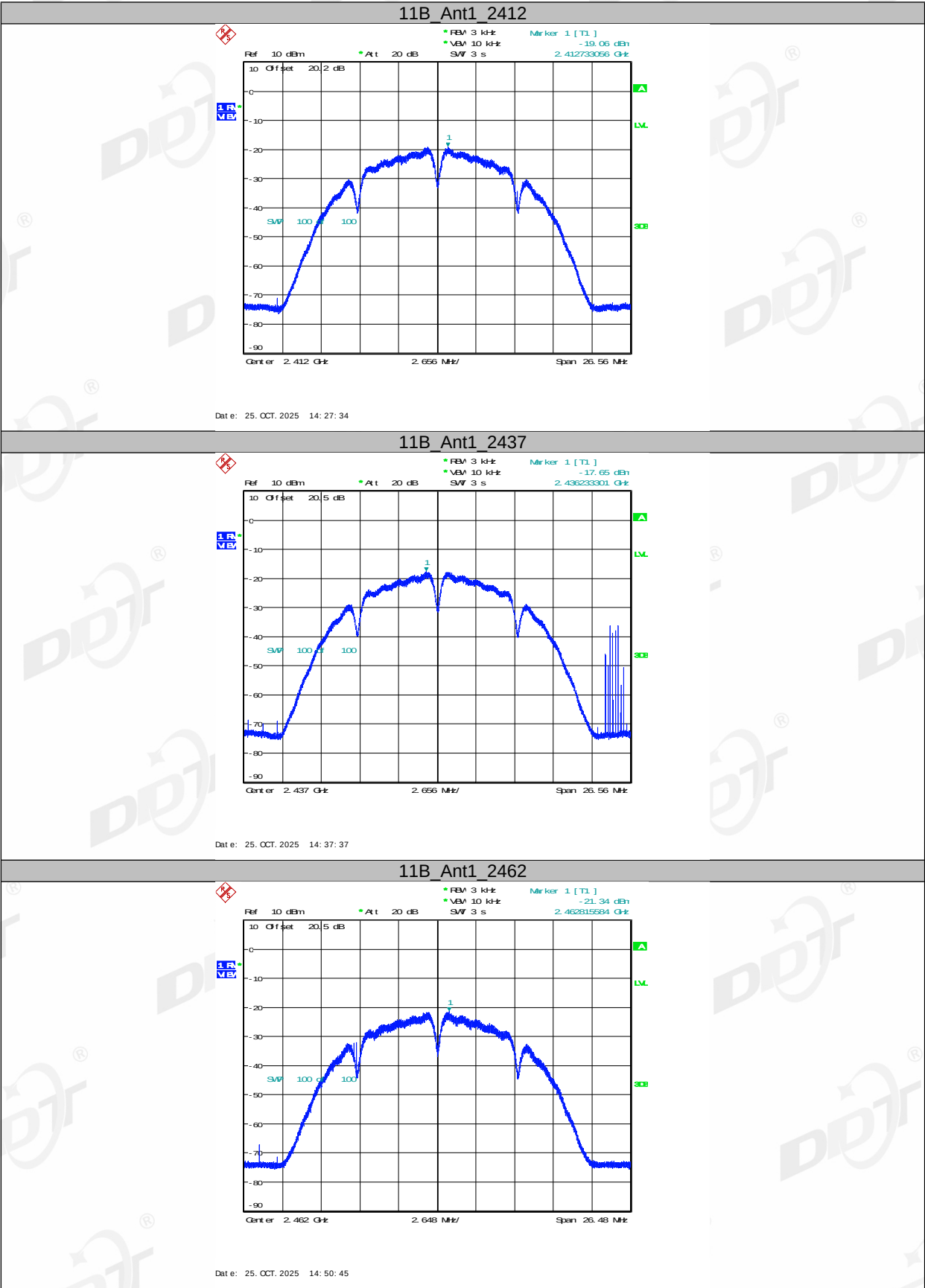
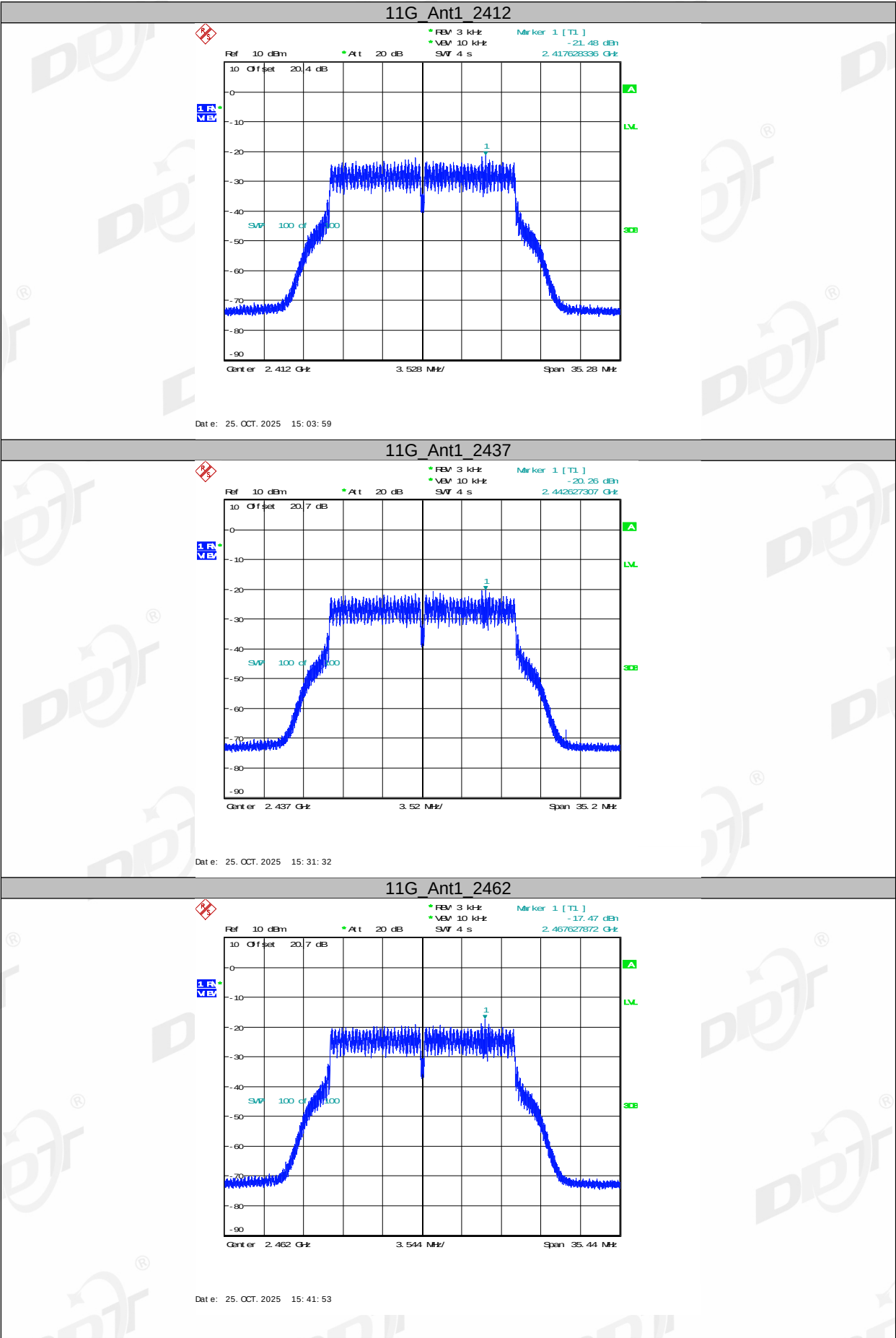
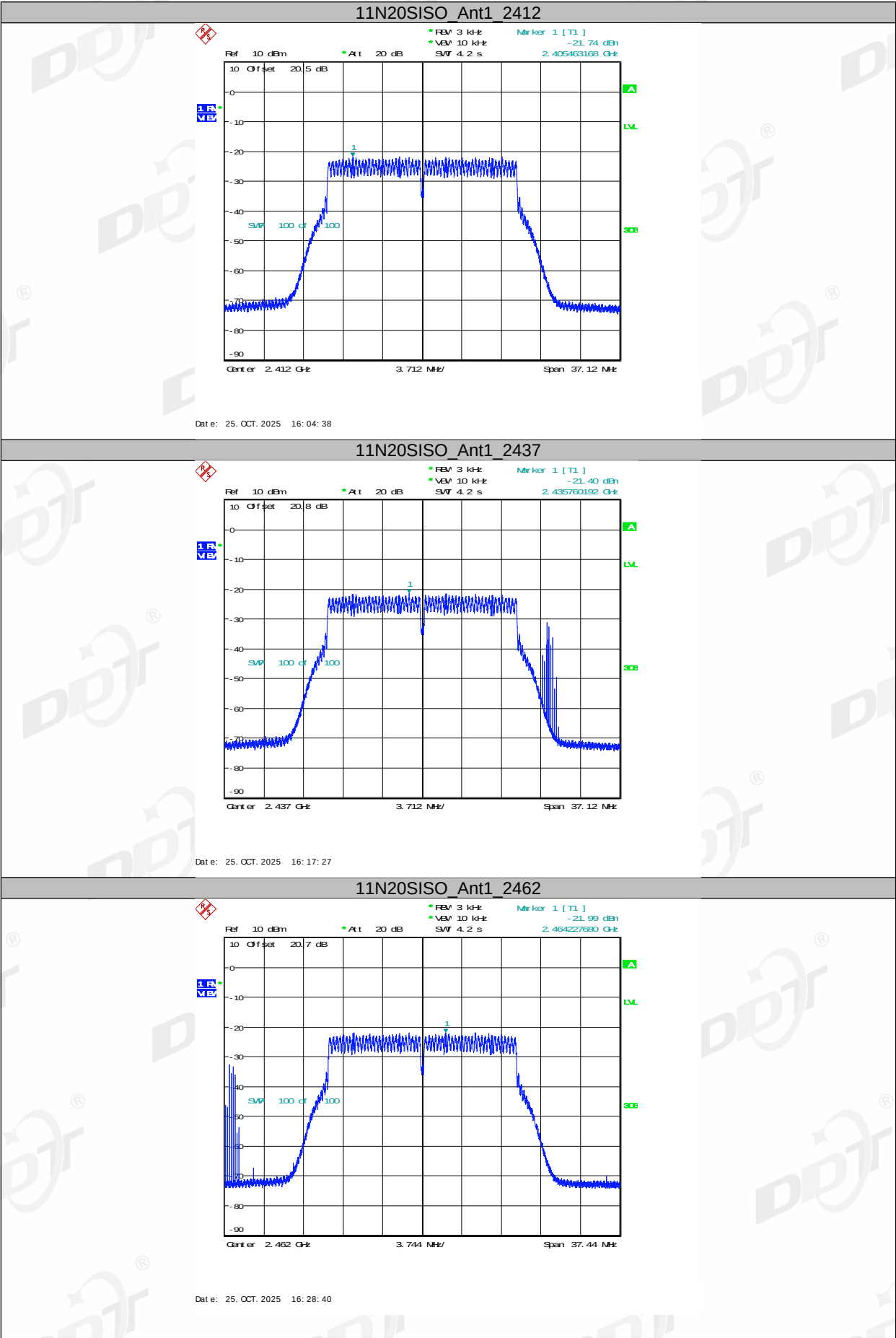


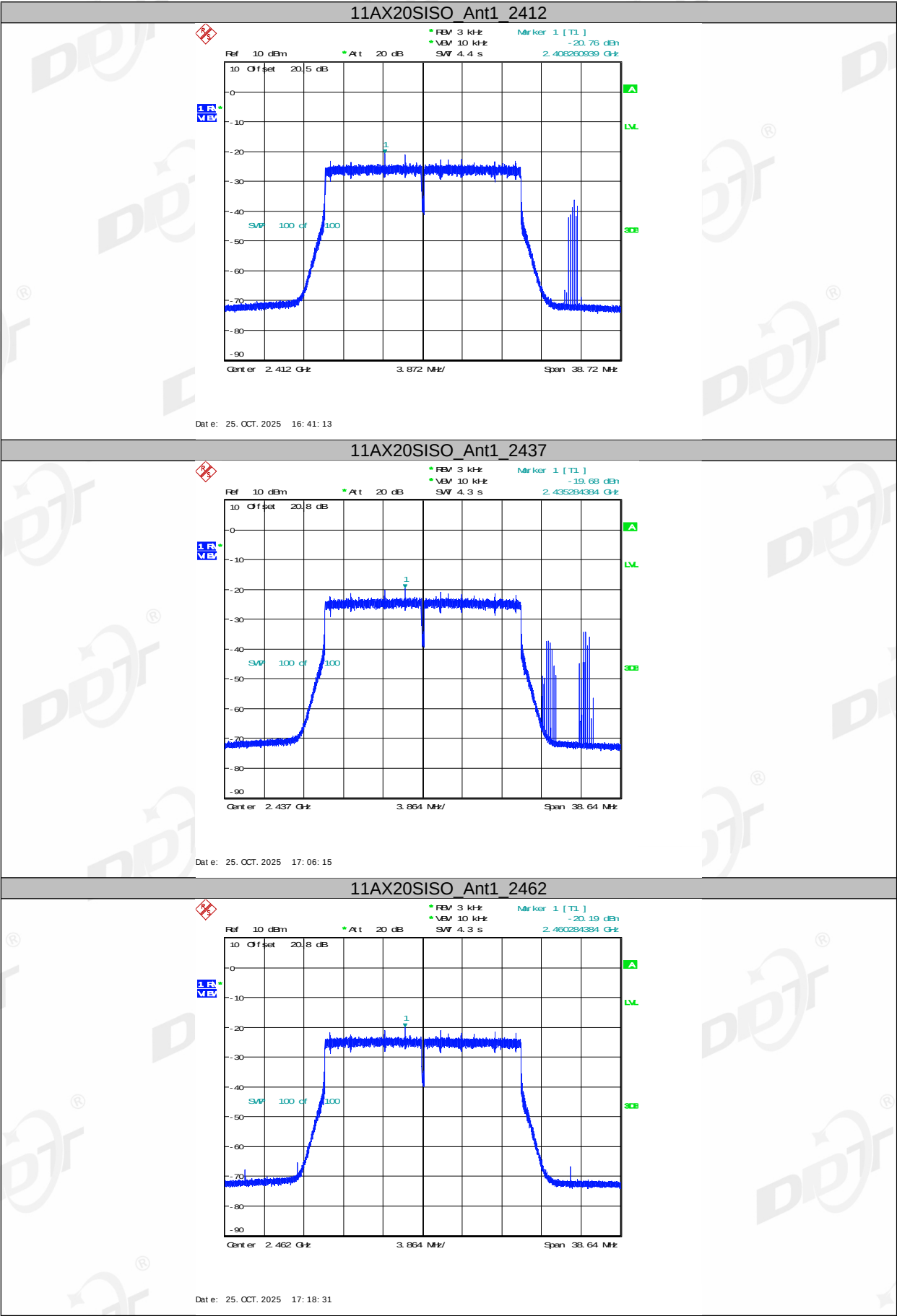
7.5. Test graphs

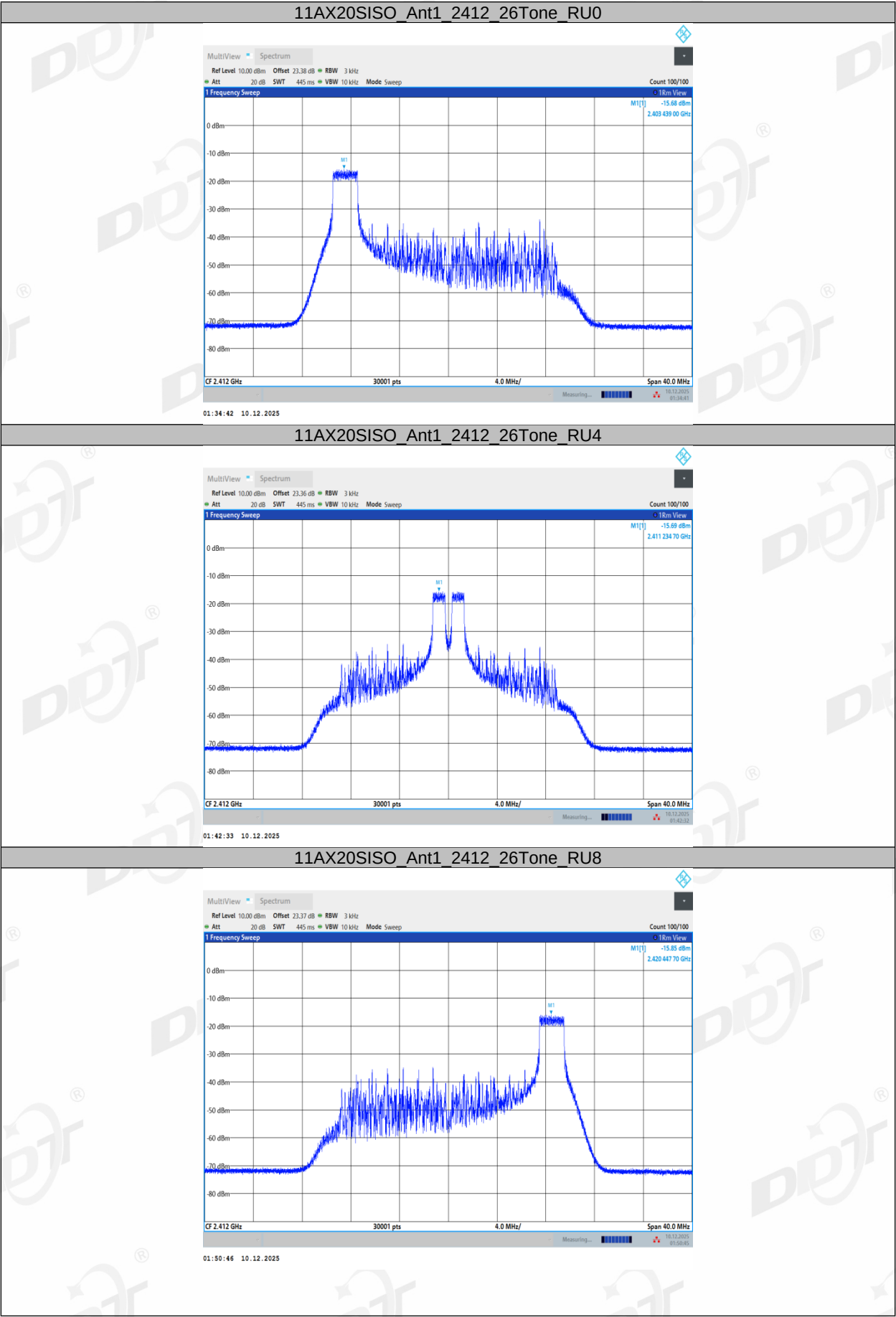
PCB B:

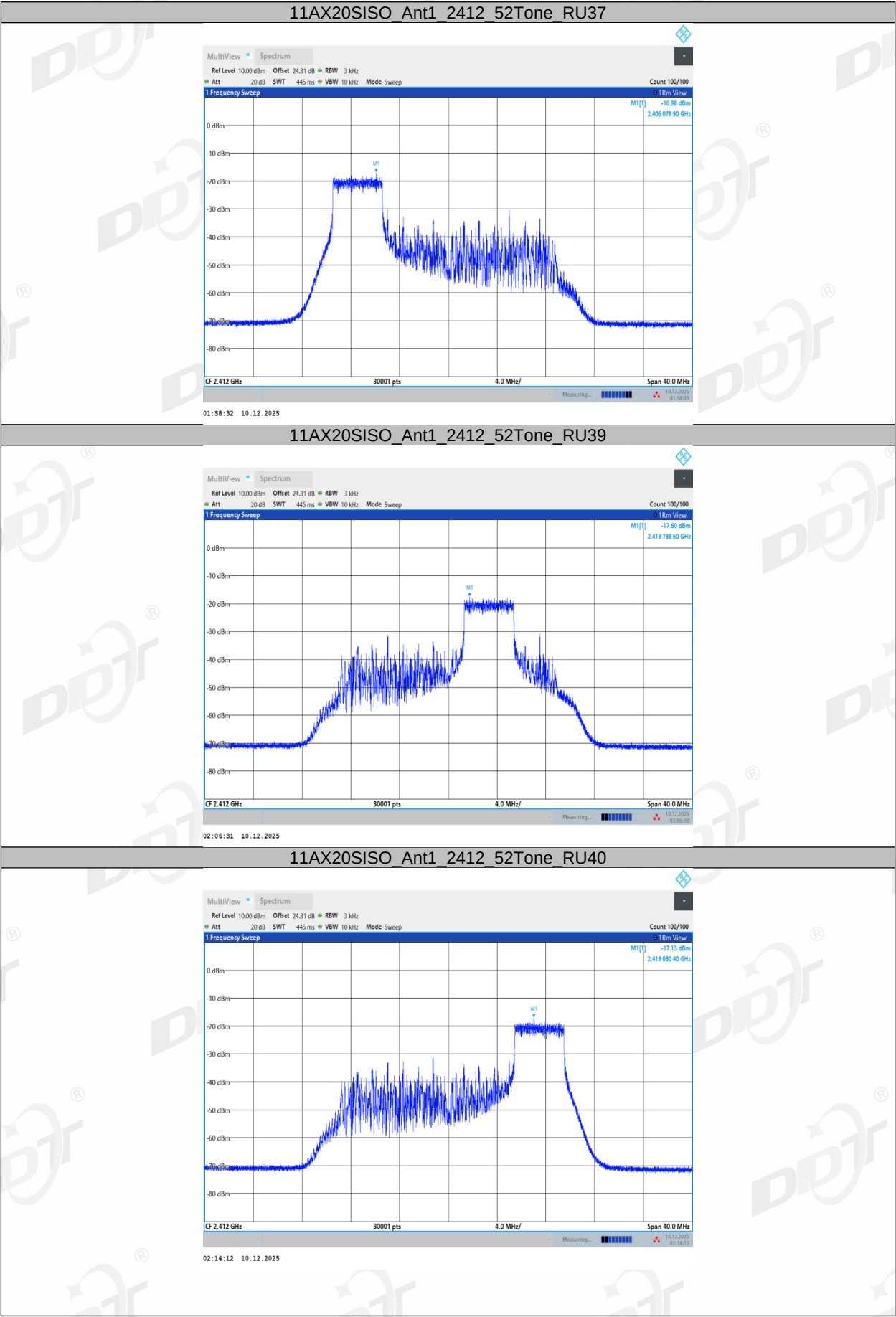


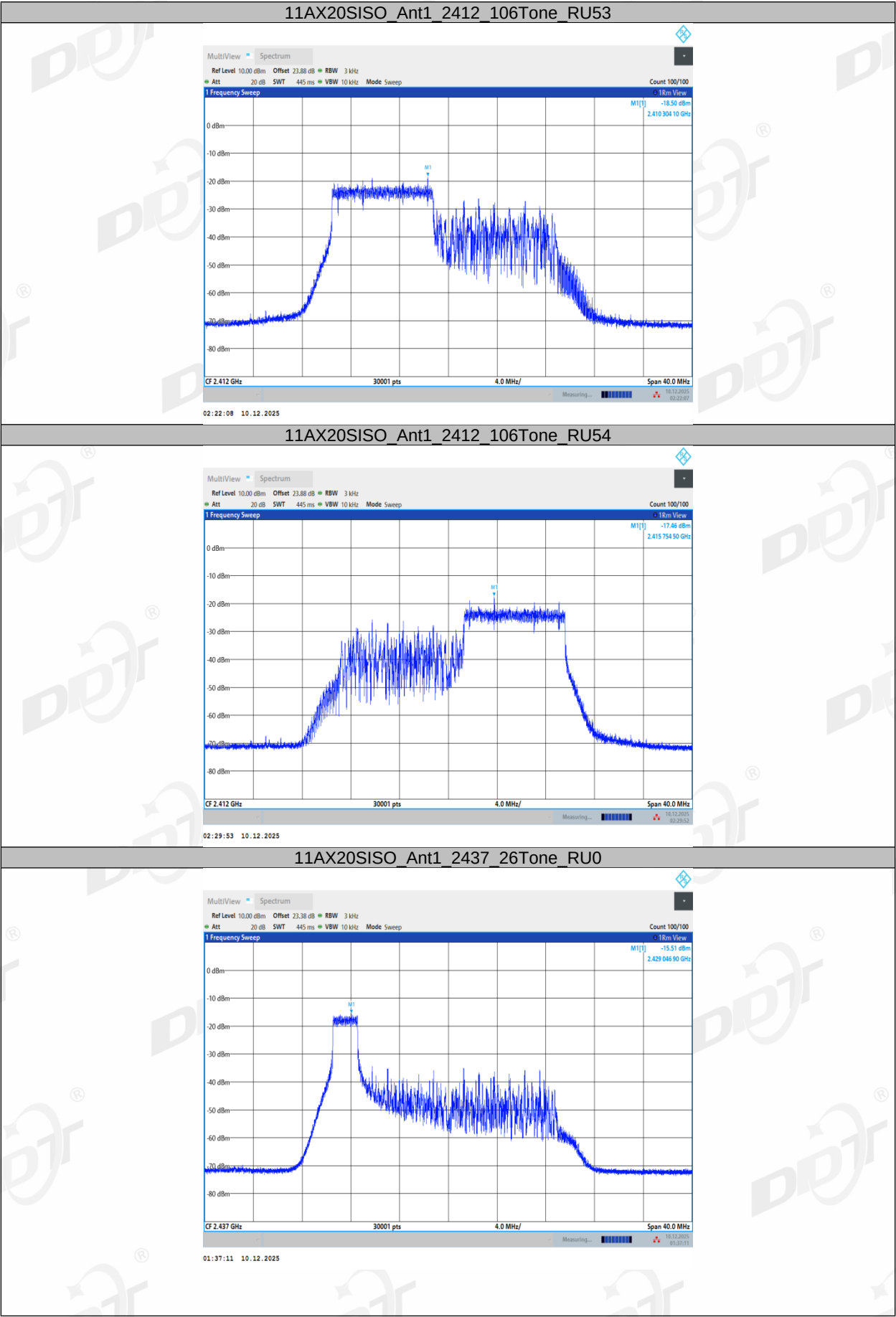


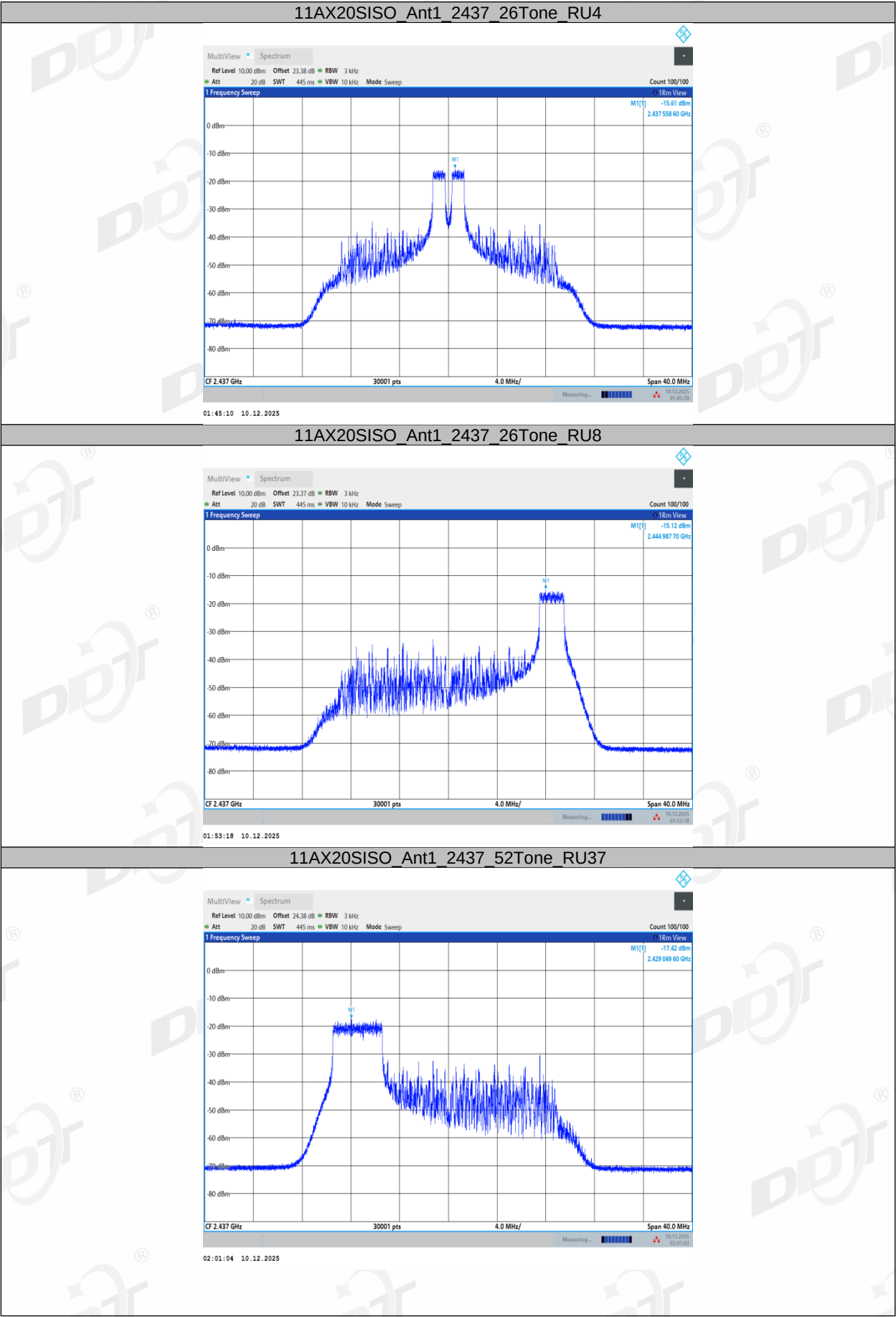


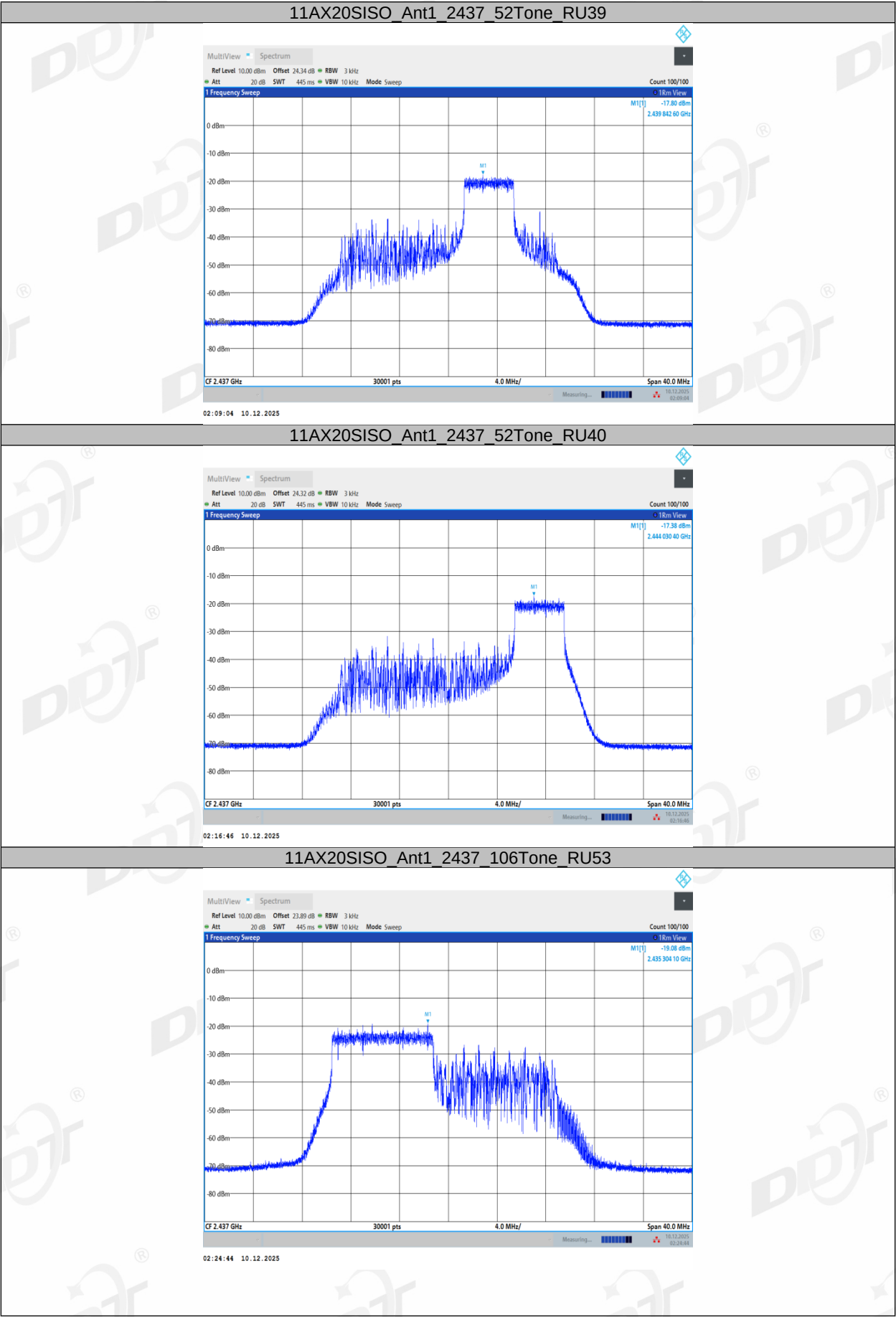


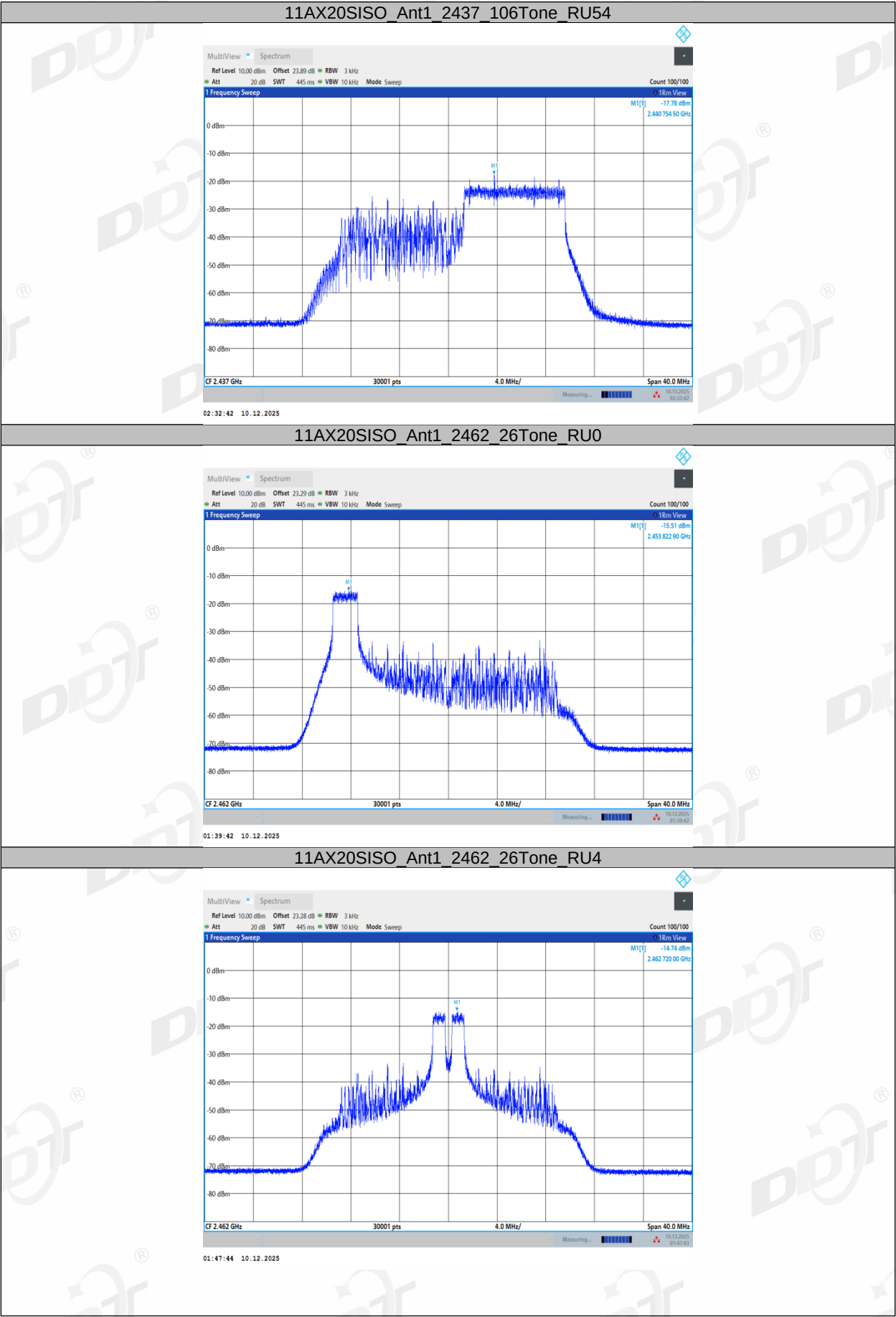


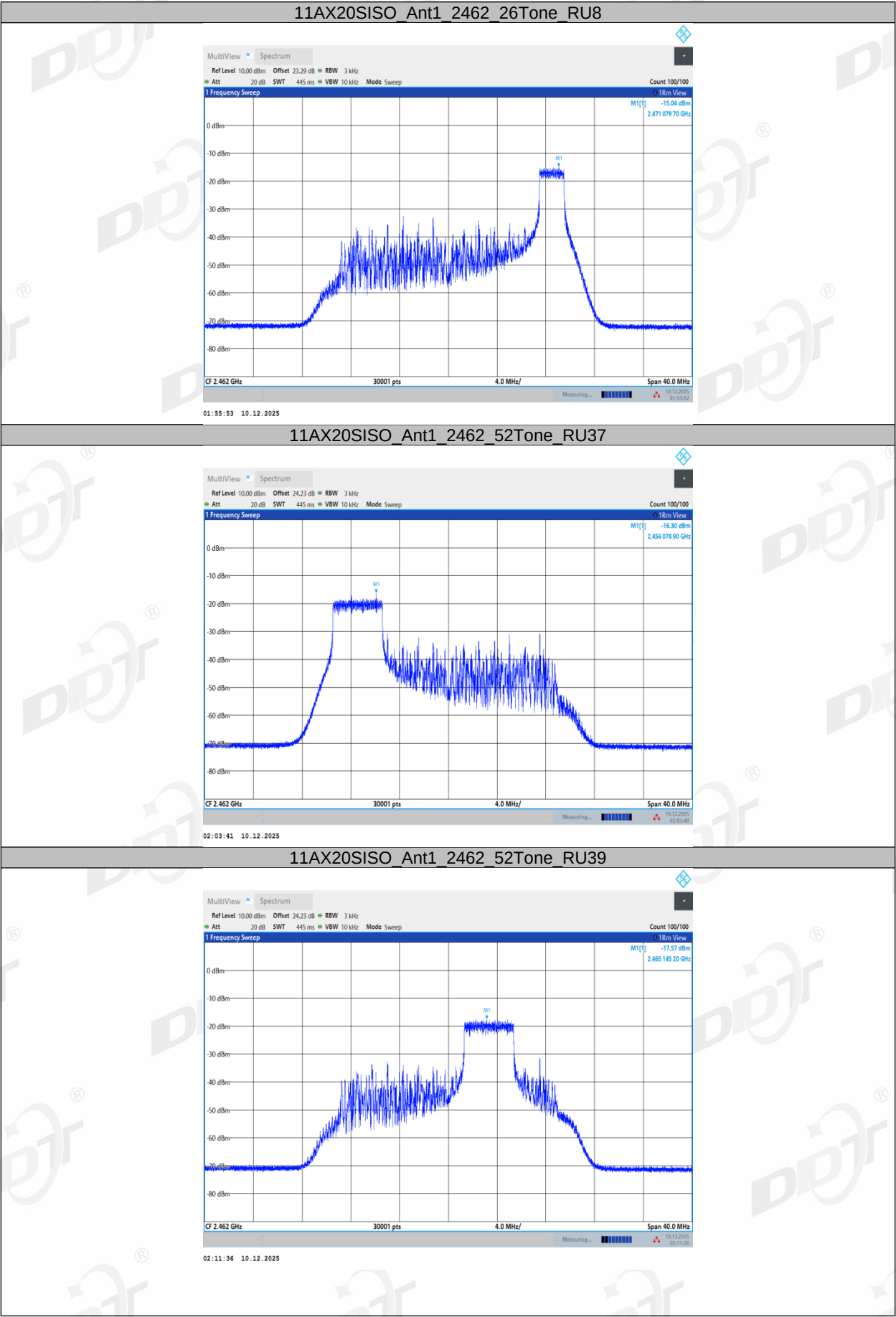


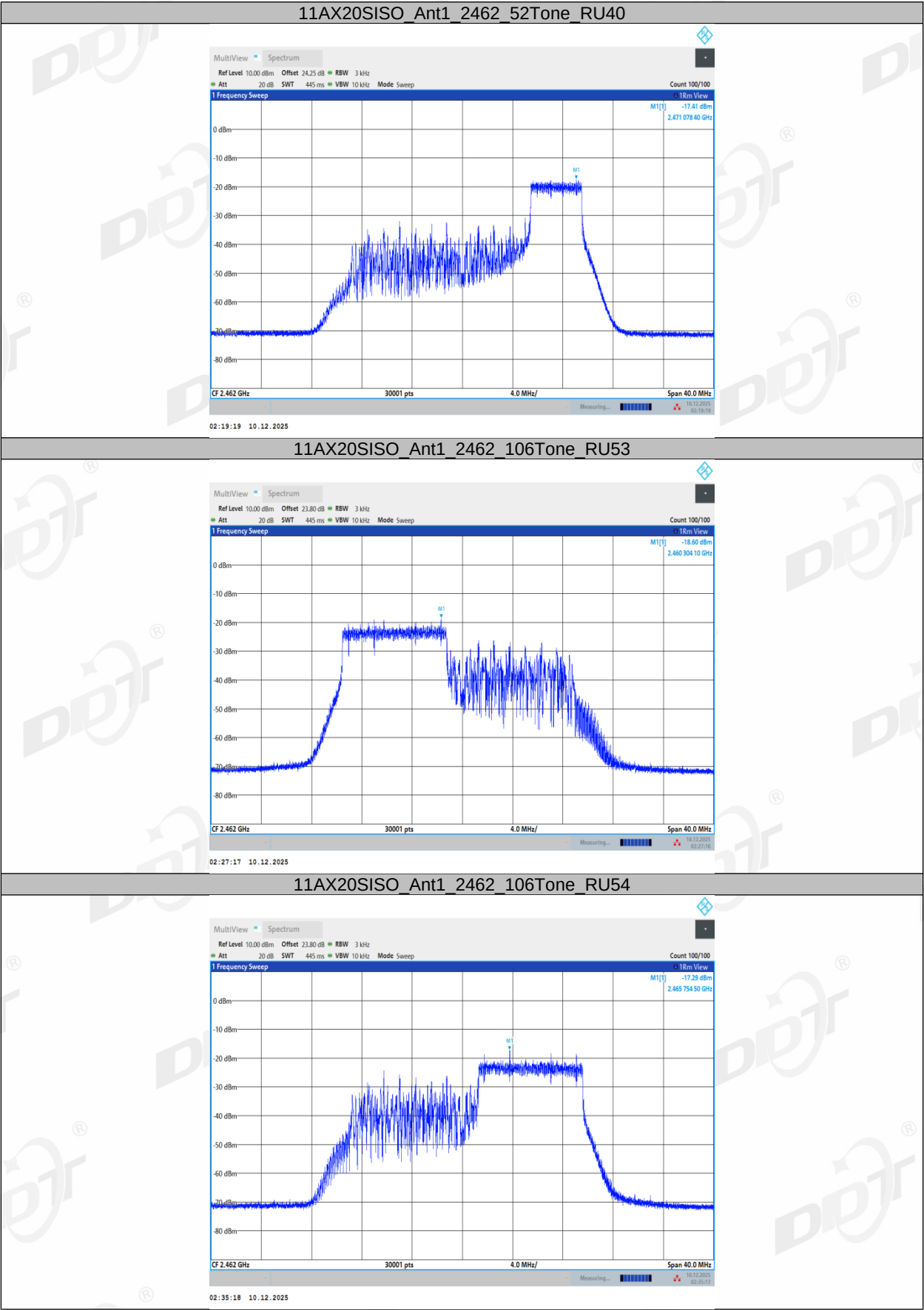




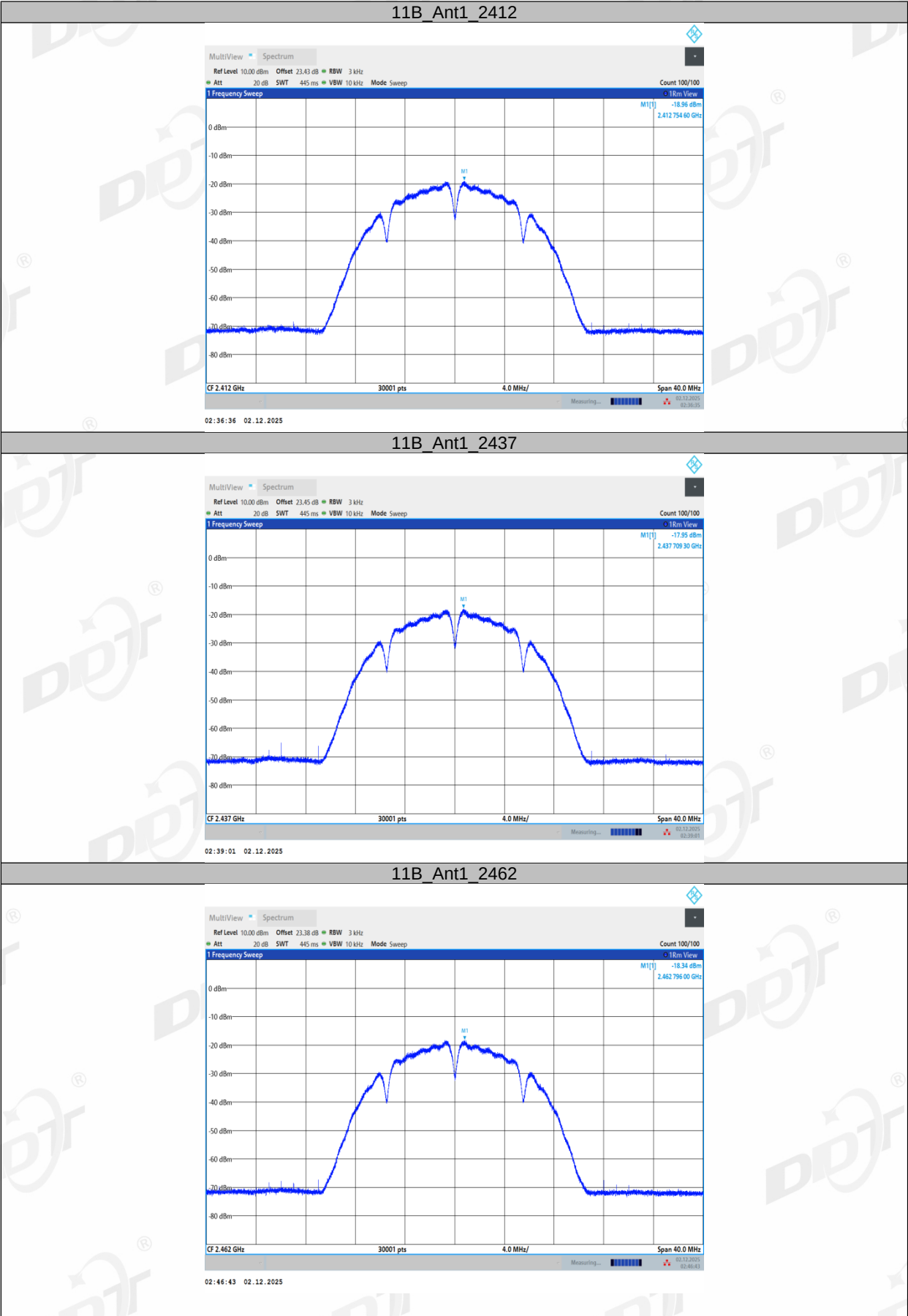


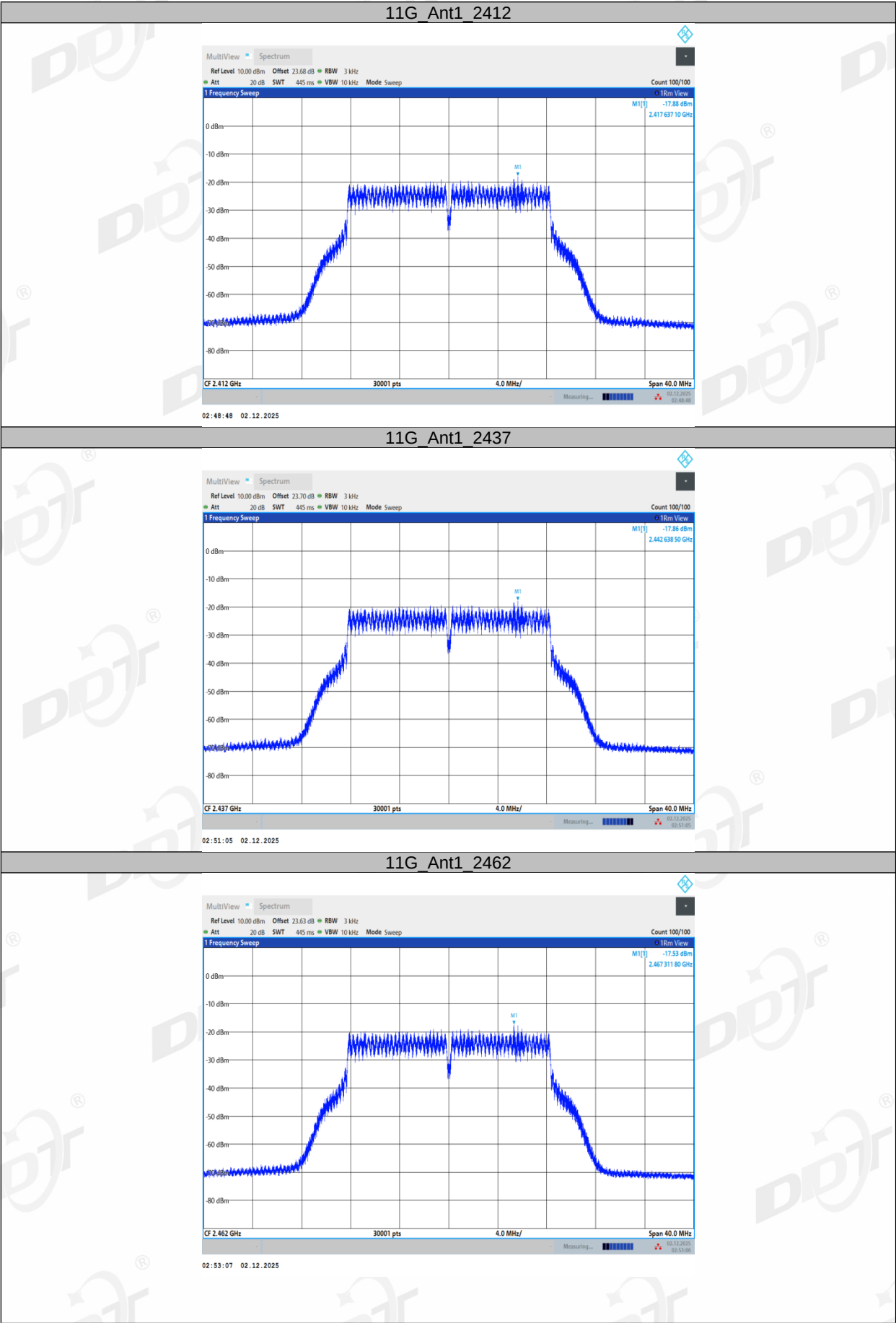


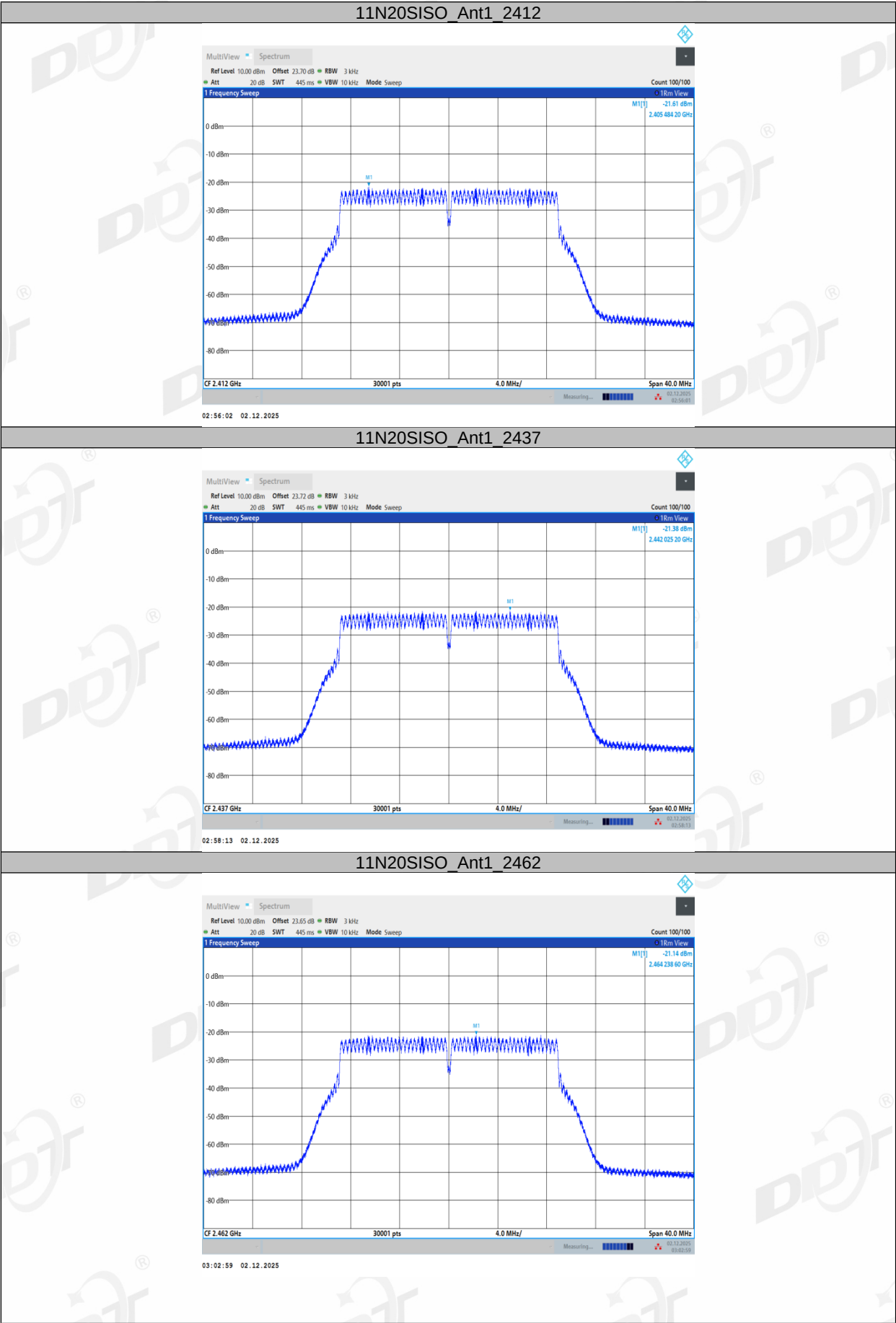


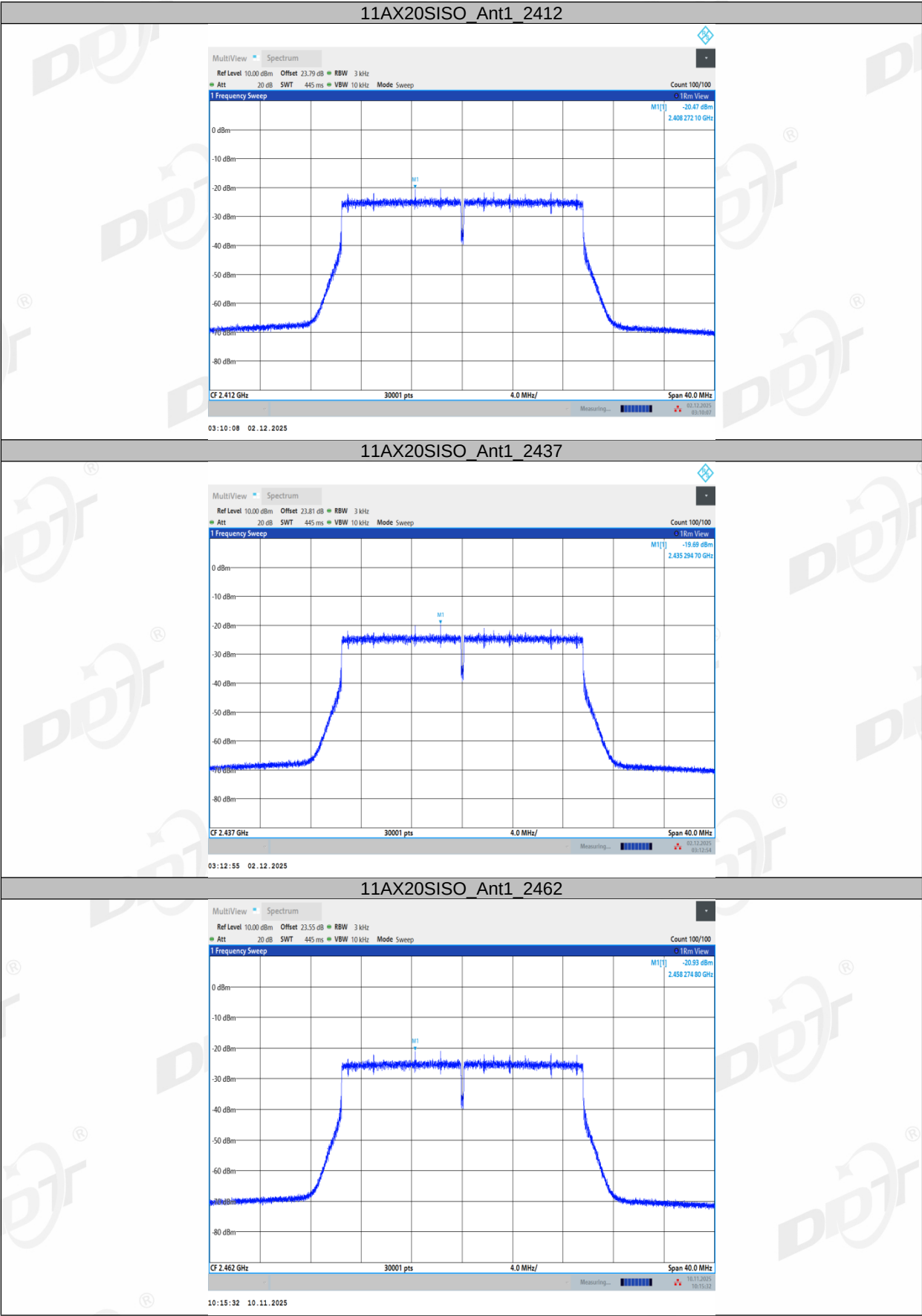


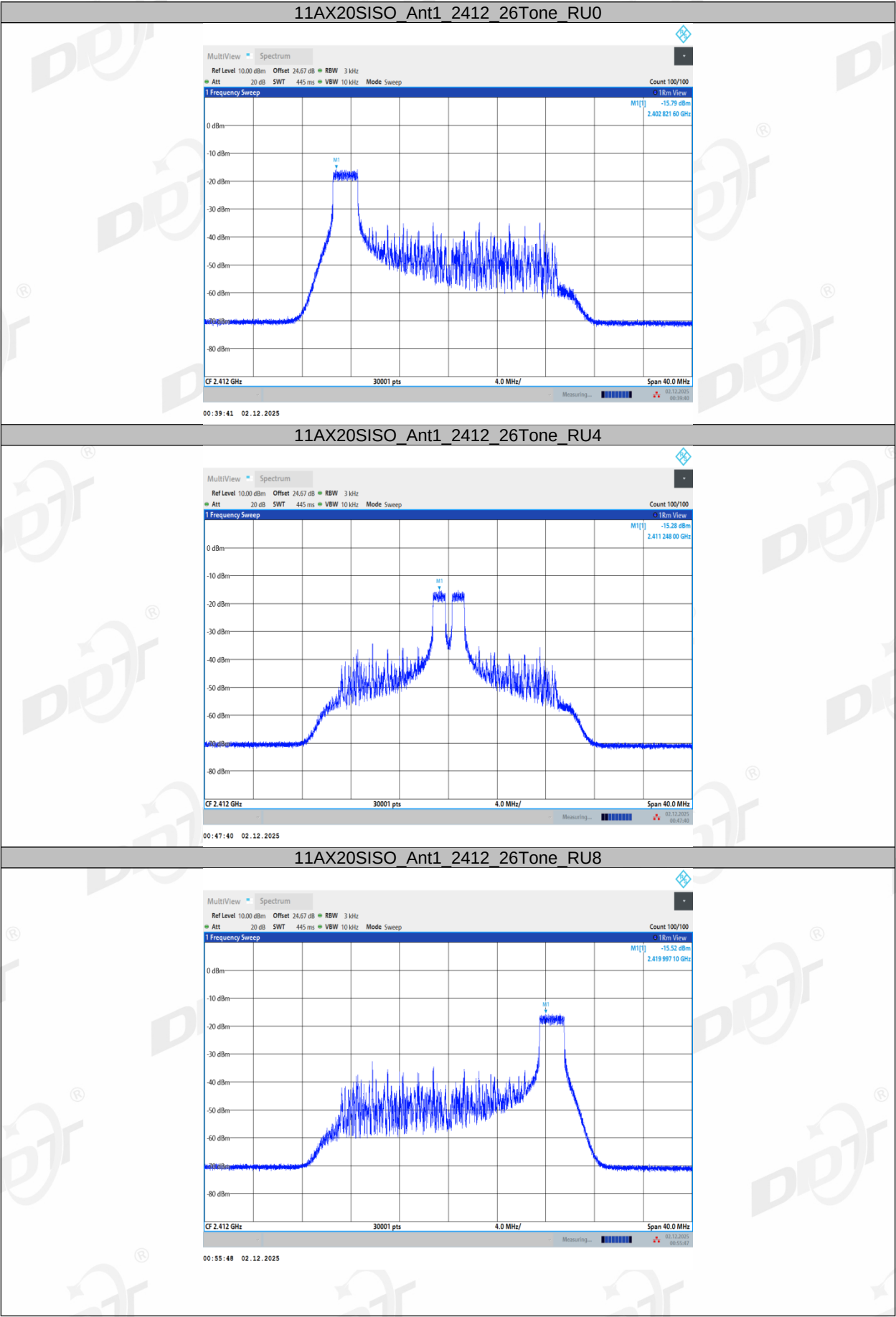
PCB A

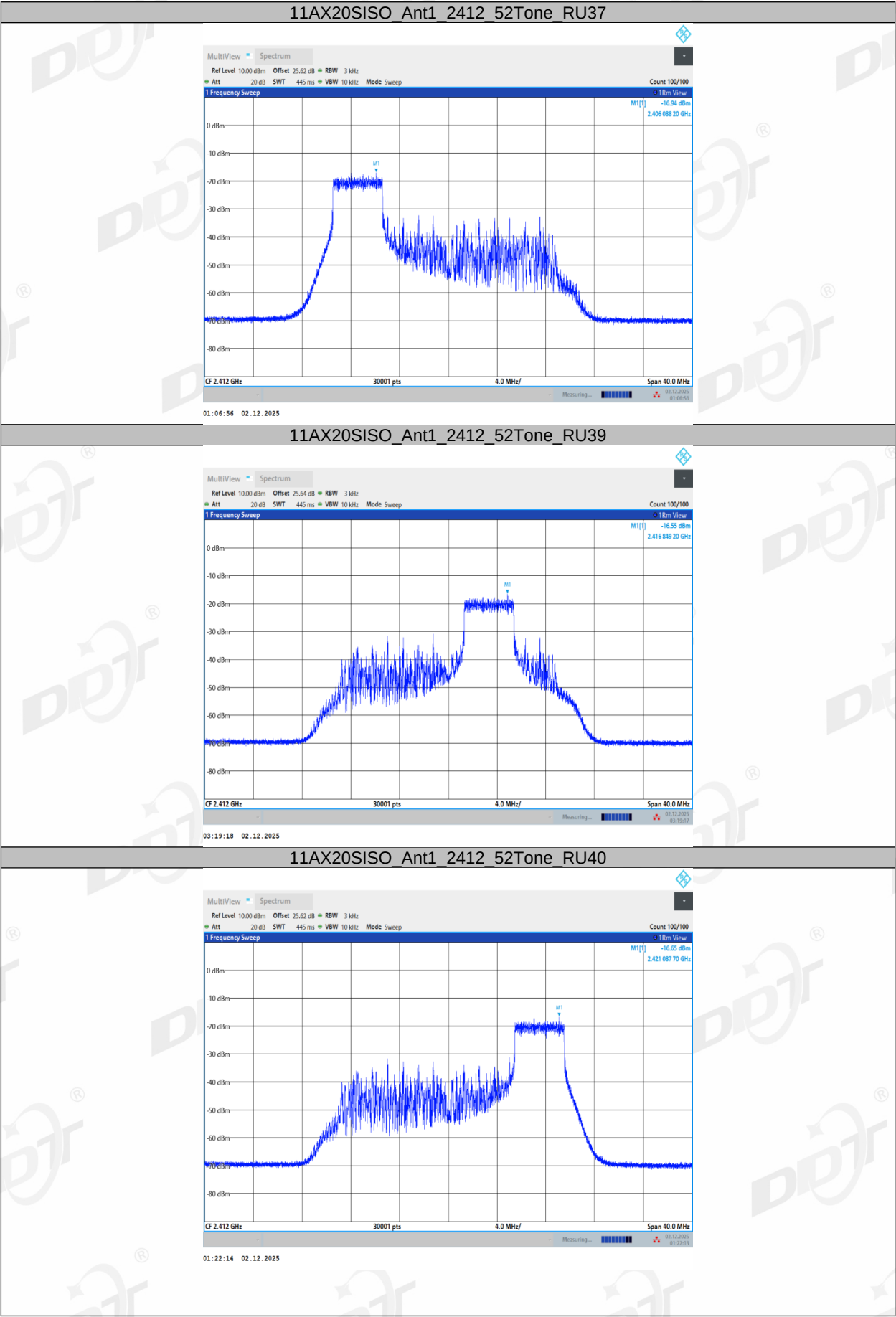


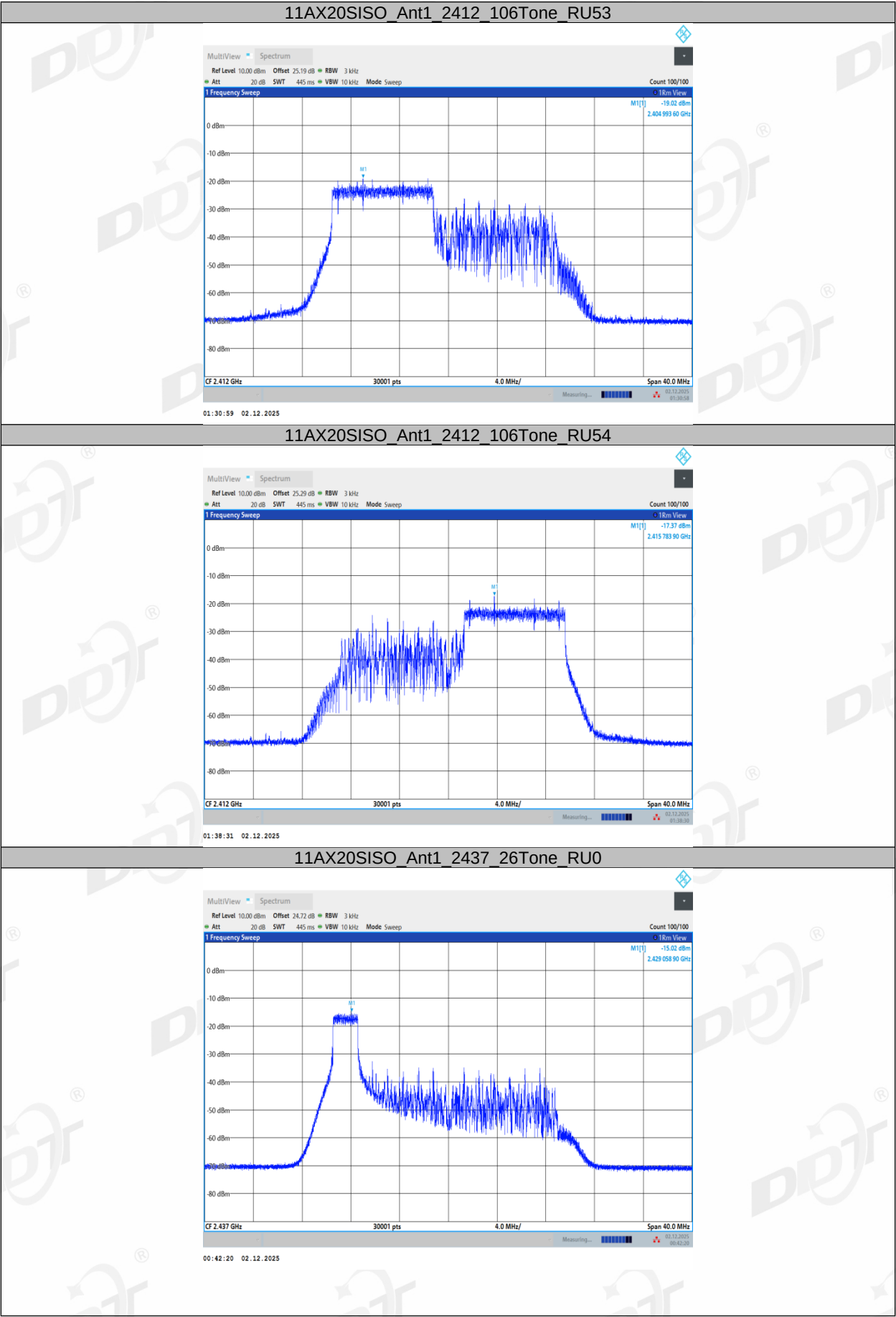


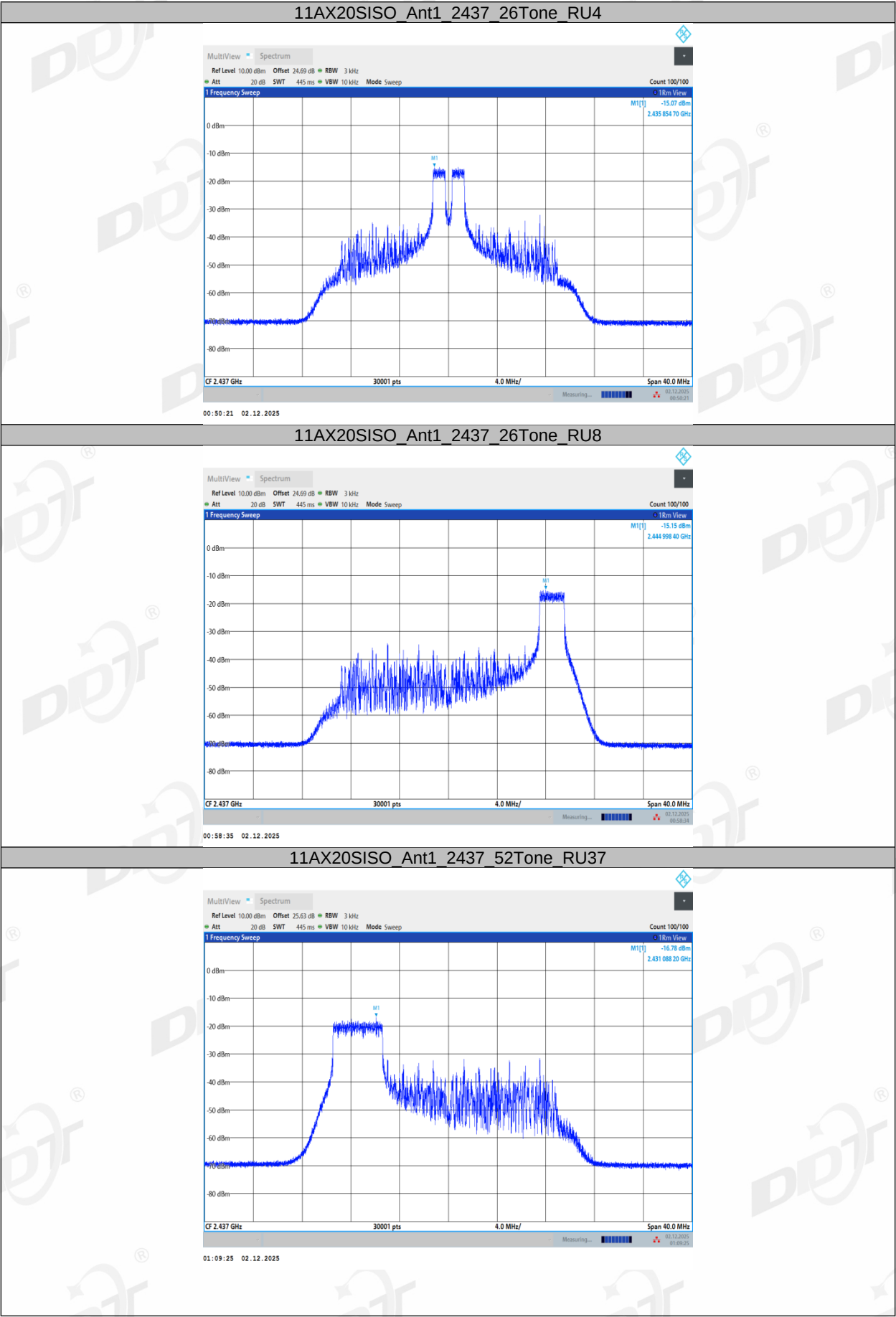


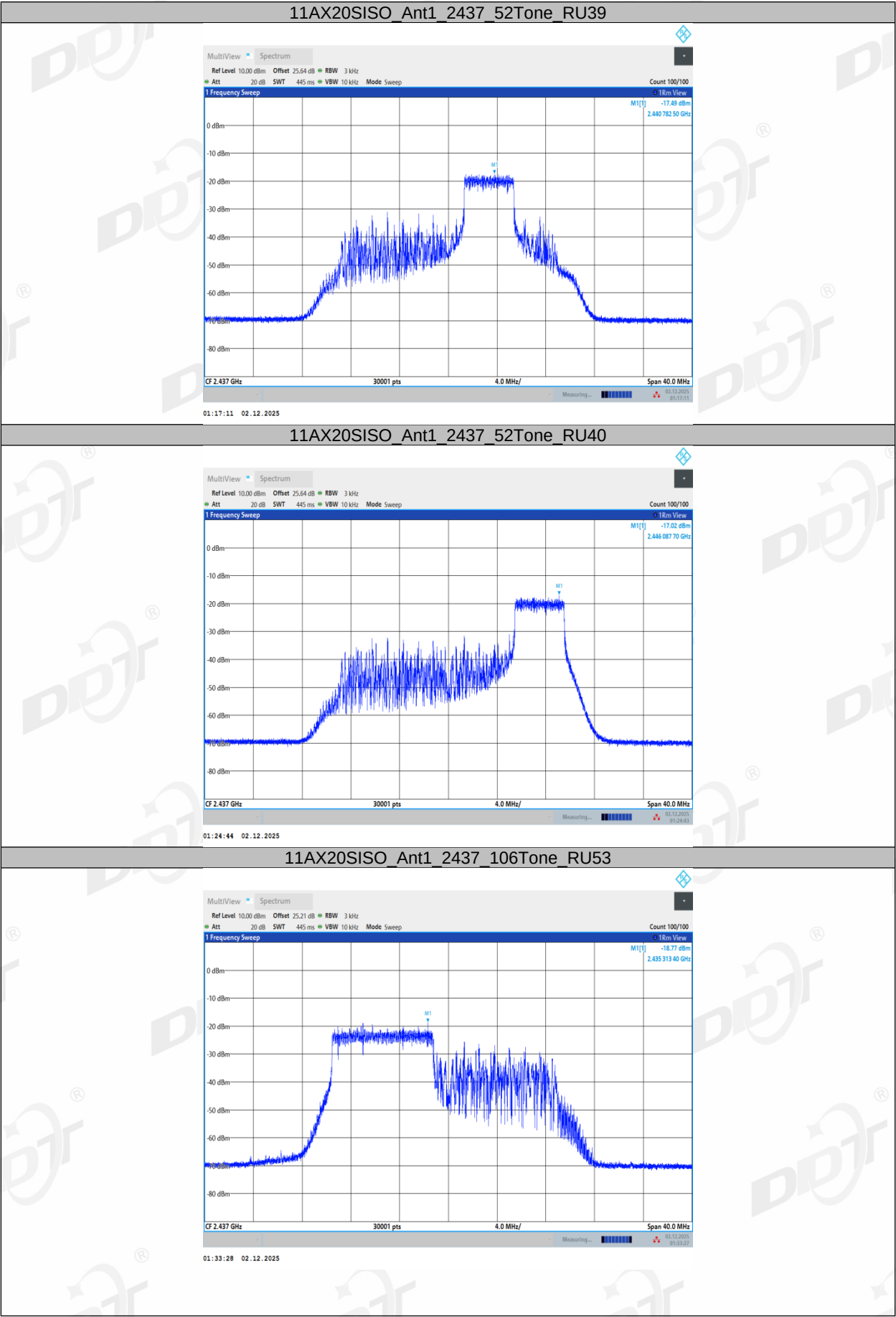


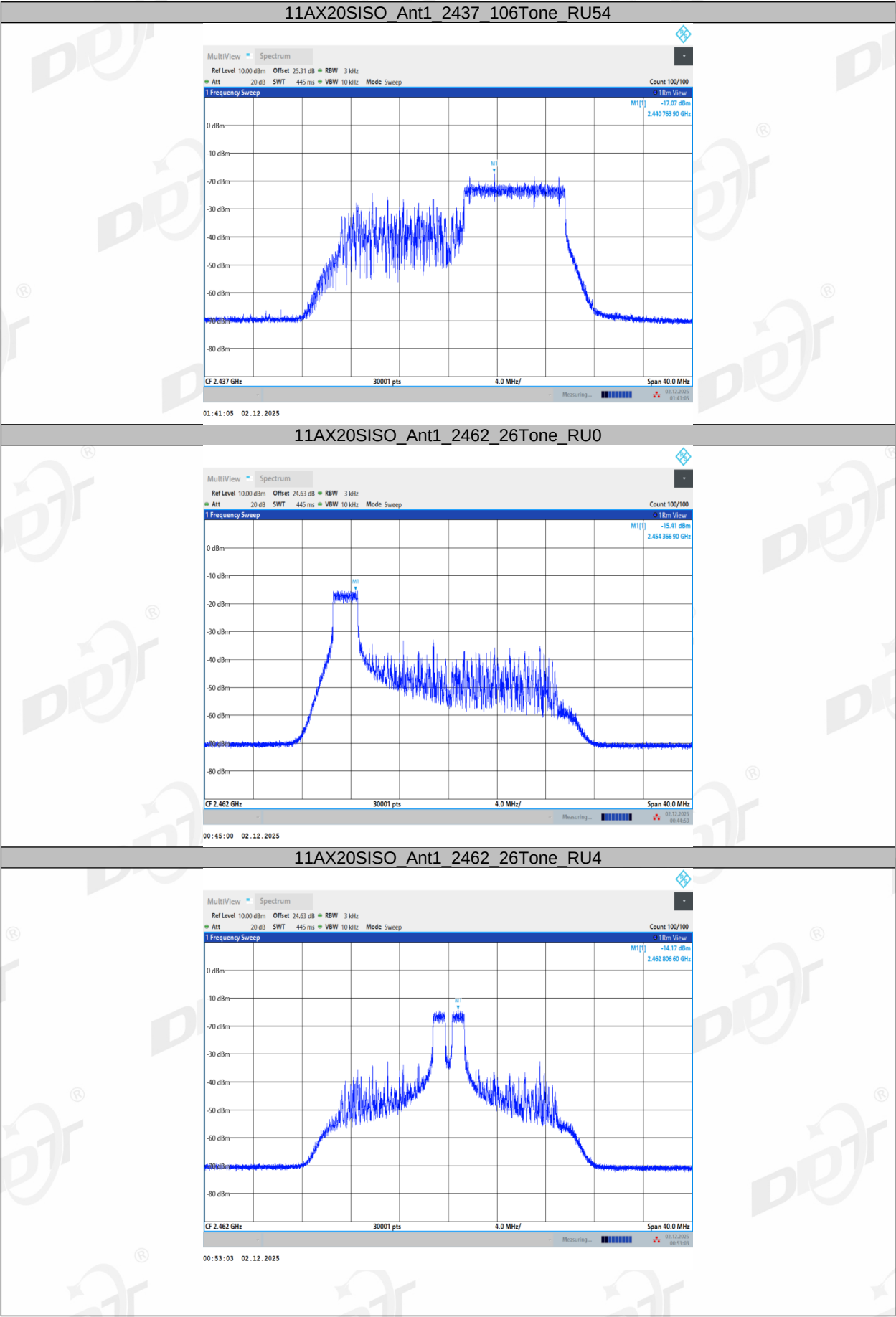


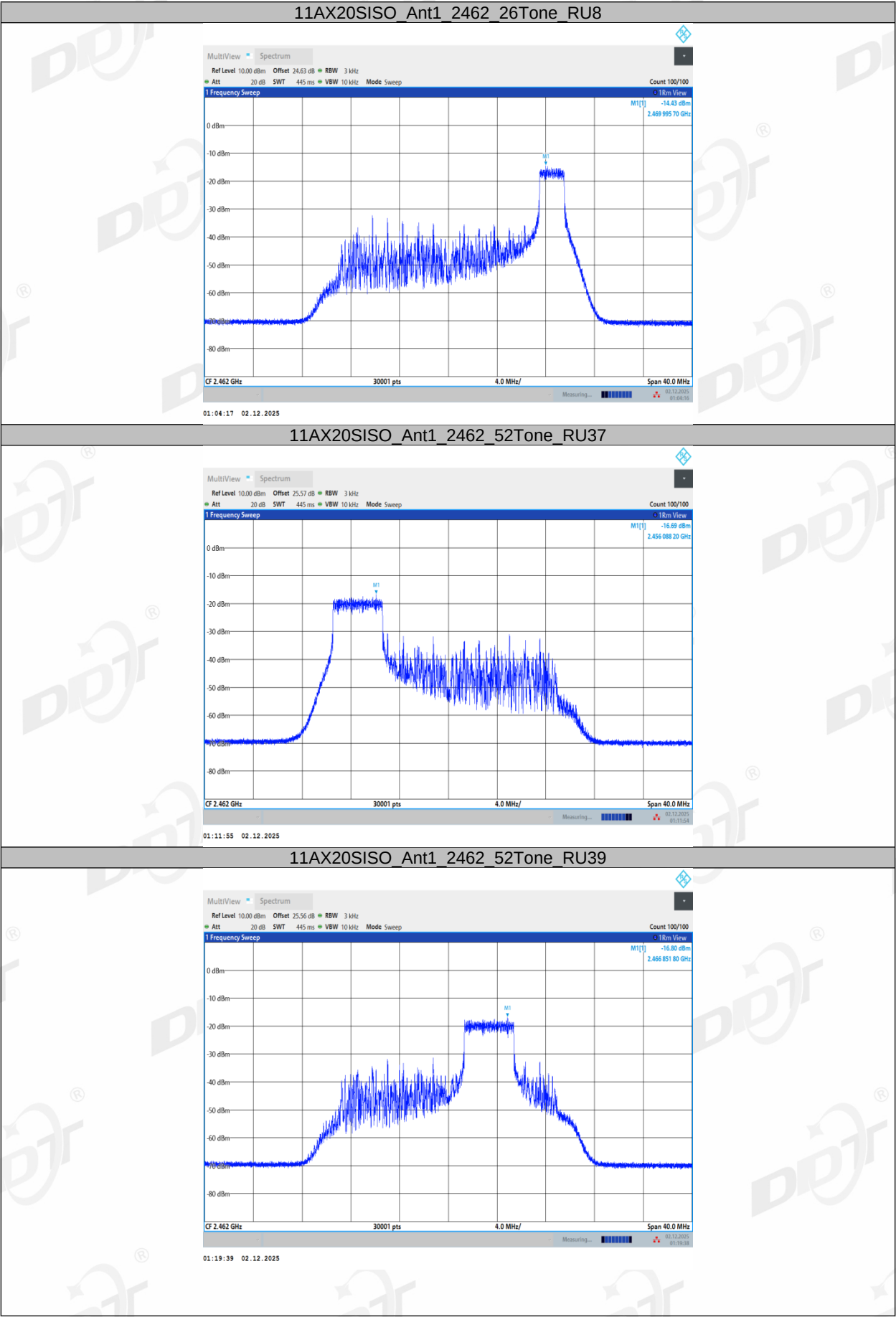


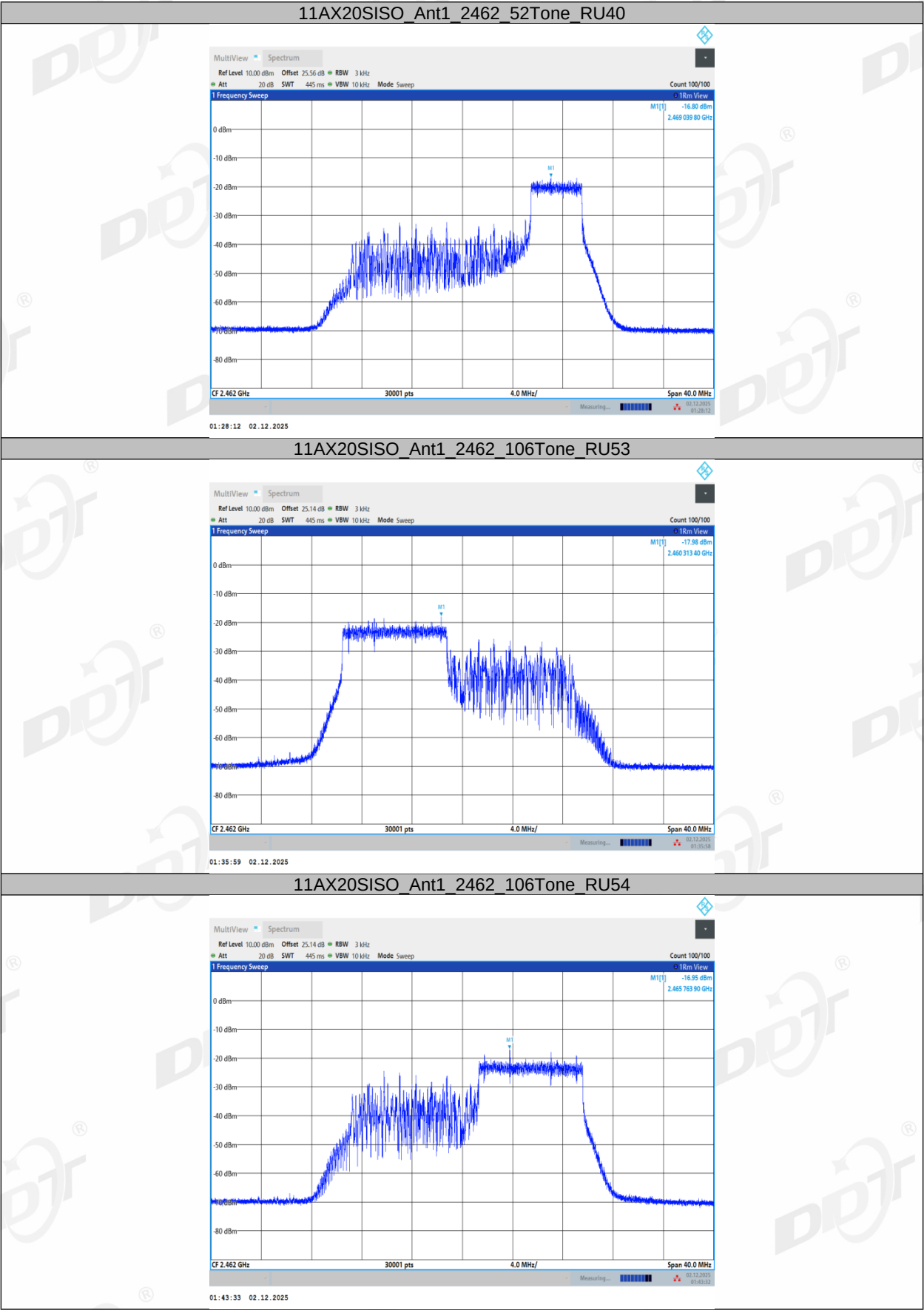






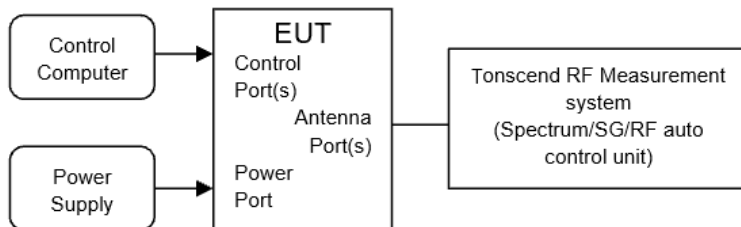






8. Band Edge Compliance (Conducted Method)

8.1. Block diagram of test setup



8.2. Limits

In any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power.

8.3. Test procedure

- (1) Connect EUT's antenna output to spectrum analyzer by RF cable.
- (2) Establish a reference level by using the following procedure:

RBW: 100 kHz

VBW: 300 kHz

Span: Encompass frequency range to be measured

Detector Mode: Peak

Sweep time: auto

Trace mode: Max hold

- (3) Allow the trace to stabilize, use the peak marker function to determine the maximum peak power level to establish the reference level.
- (4) Then mark the maximum amplitude of all unwanted emissions outside of the authorized frequency band.

8.4. Test result

Test Engineer:	Wayne Huang	Test Site:	RF Measurement System 1#
Ambient Condition:	24.4℃,47.3%RH	Test Date:	2025.10.25
Test Power Supply:	DC 12V	Sample Number:	S25060926-001

EUT Set Mode	CH or Frequency	Result (dBm)	EUT Set Mode	CH or Frequency	Result (dBm)
11b	CH1	Pass	11g	CH1	Pass
	CH11	Pass		CH11	Pass
11n HT 20	CH1	Pass	11ax HE 20	CH1	Pass
	CH11	Pass		CH11	Pass

Note: Only recorded the worst case in this report.

8.5. Test graphs

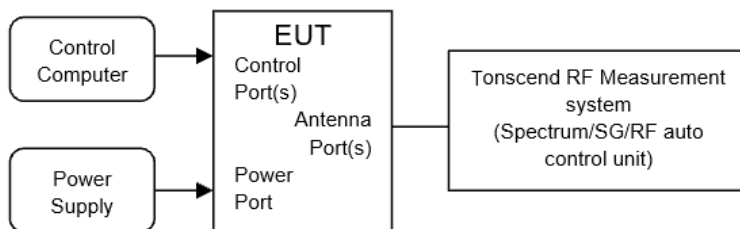






9. RF Conducted Spurious Emissions

9.1. Block diagram of test setup



9.2. Limits

In any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power.

9.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) Establish a reference level by using the following procedure:

Center frequency:	Test frequency
RBW:	100 kHz
VBW:	300 kHz
Span:	Wide enough to capture the peak level of the in-band emission
Detector Mode:	Peak
Sweep time:	auto
Trace mode:	Max hold

(3) Allow the trace to stabilize, use the peak marker function to determine the maximum peak power level to establish the reference level.

(4) Set the spectrum analyzer as follows:

RBW:	100 kHz
VBW:	300 kHz
Span:	Encompass frequency range to be measured
Number of measurement points:	$\geq \text{Span/RBW}$
Detector Mode:	Peak
Sweep time:	auto
Trace mode:	Max hold

(5) Allow the trace to stabilize, use the peak marker function to determine the maximum amplitude of all unwanted emissions outside of the authorized frequency band.

9.4. Test result

Test Engineer:	Wayne Huang	Test Site:	RF Measurement System 1#
Ambient Condition:	24.4℃,47.3%RH	Test Date:	2025.10.25
Test Power Supply:	DC 12V	Sample Number:	S25060926-001

EUT Set Mode	CH or Frequency	Result (dBm)	EUT Set Mode	CH or Frequency	Result (dBm)
11b	CH1	Pass	11g	CH1	Pass
	CH11	Pass		CH11	Pass
11n HT 20	CH1	Pass	11ax HE 20	CH1	Pass
	CH11	Pass		CH11	Pass

Note: Only recorded the worst case in this report.

9.5. Test graphs

