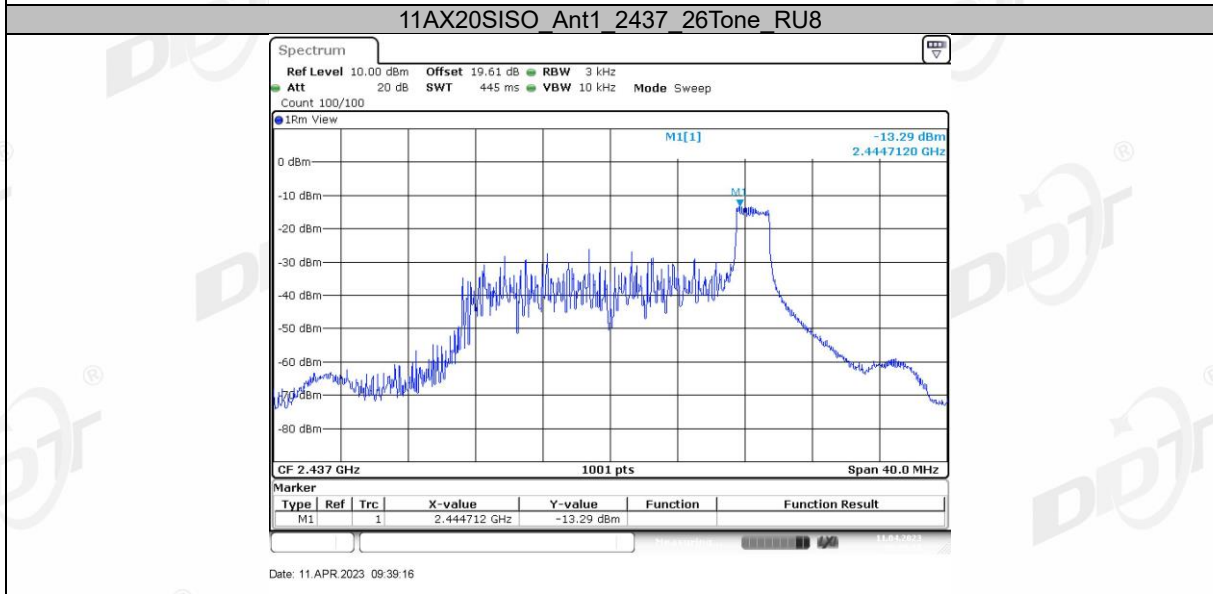
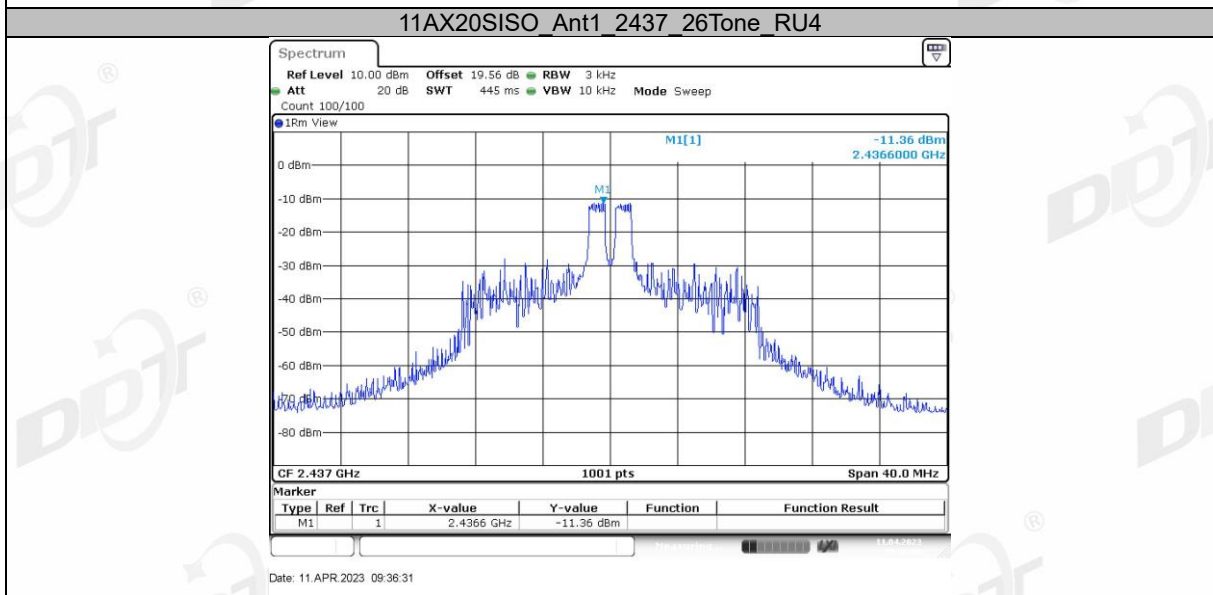
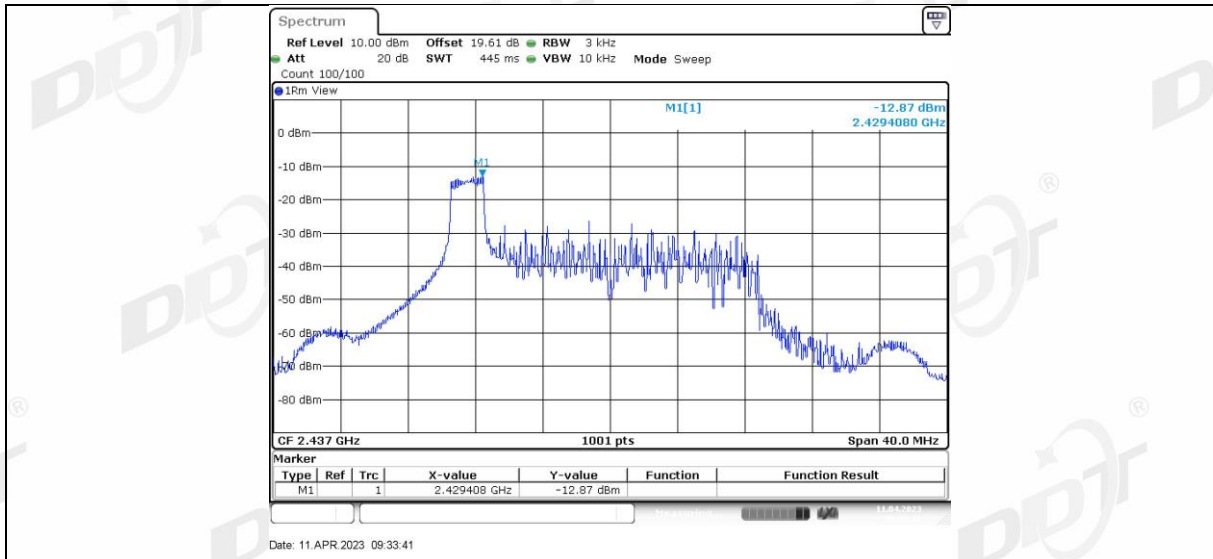
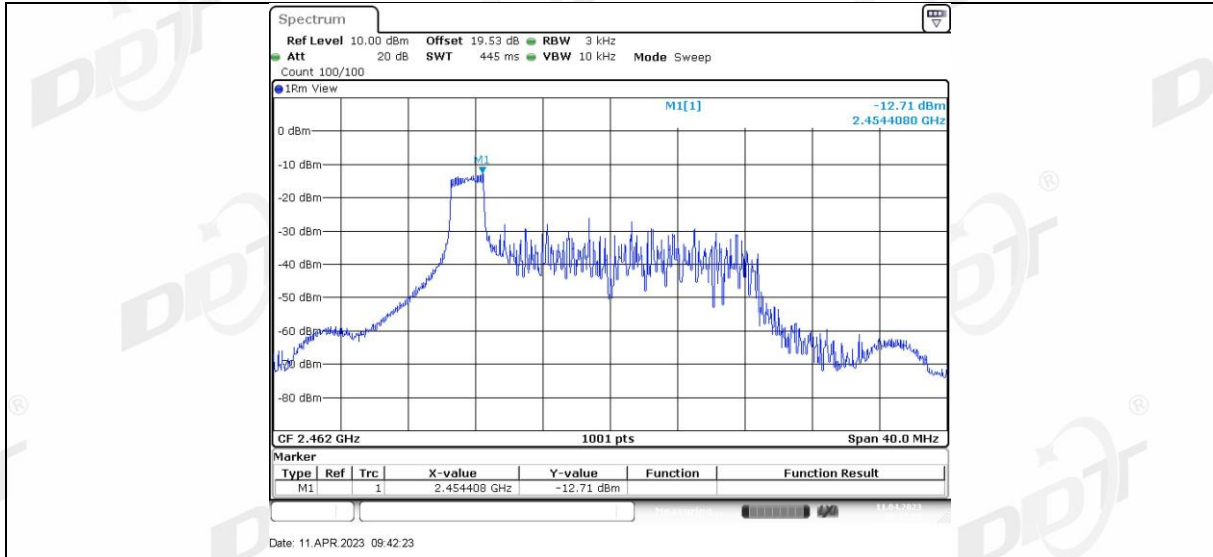


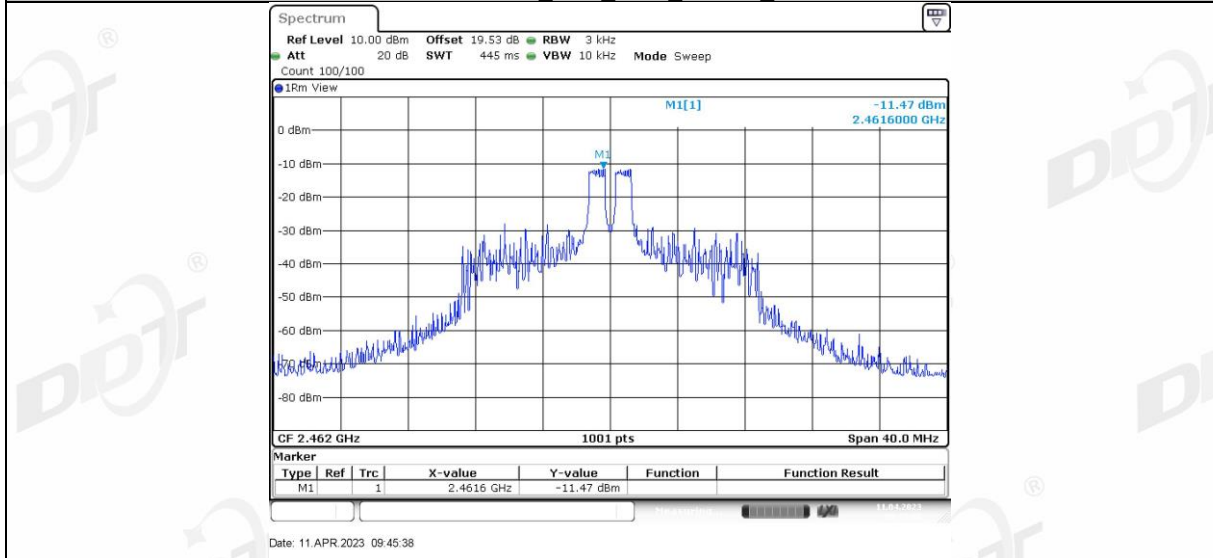
11AX20SISO Ant1_2437_26Tone_RU0



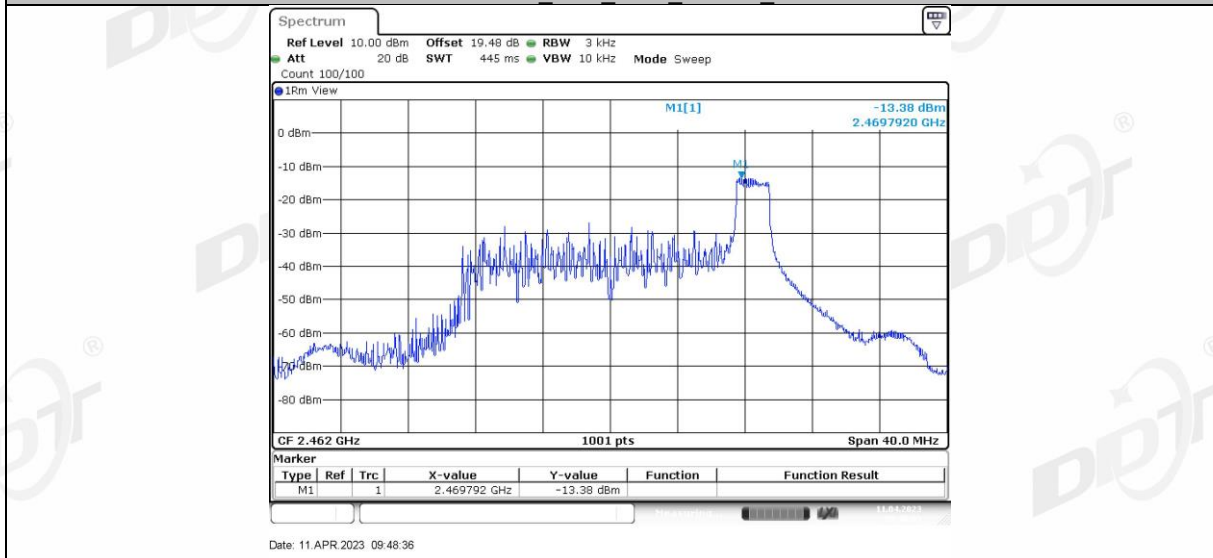
11AX20SISO Ant1_2462_26Tone_RU0



11AX20SISO_Ant1_2462_26Tone_RU4



11AX20SISO_Ant1_2462_26Tone_RU8



7. Band Edge Compliance (Conducted Method)

7.1. Block diagram of test setup



7.2. 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.

7.3. 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.

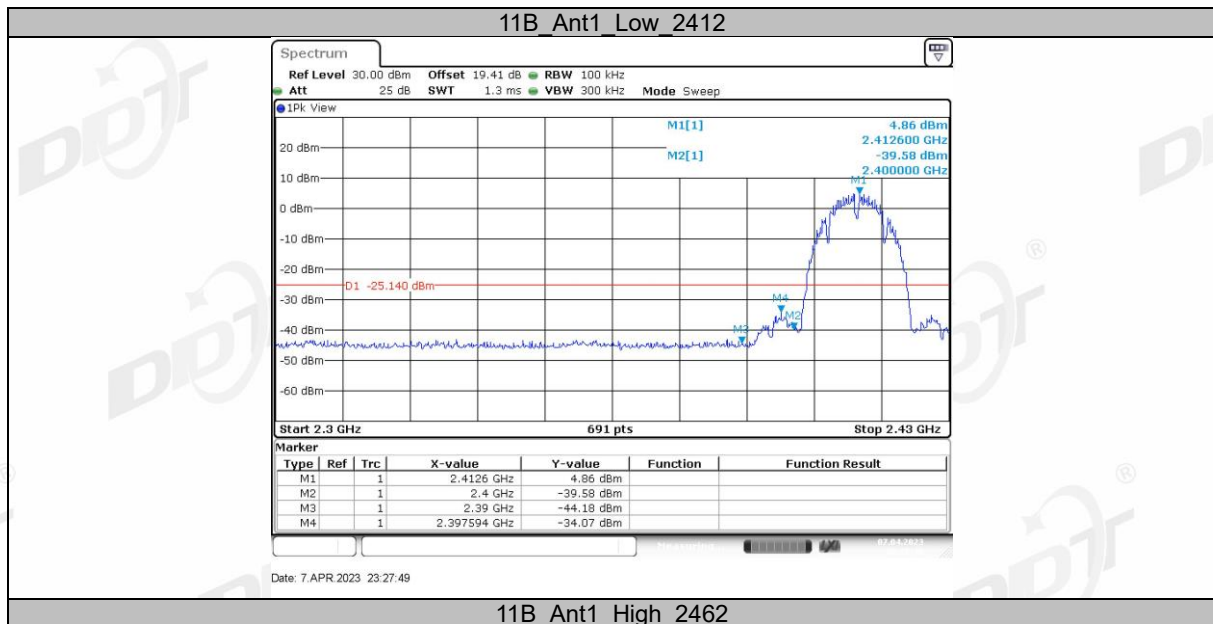
Then mark the maximum amplitude of all unwanted emissions outside of the authorized frequency band.

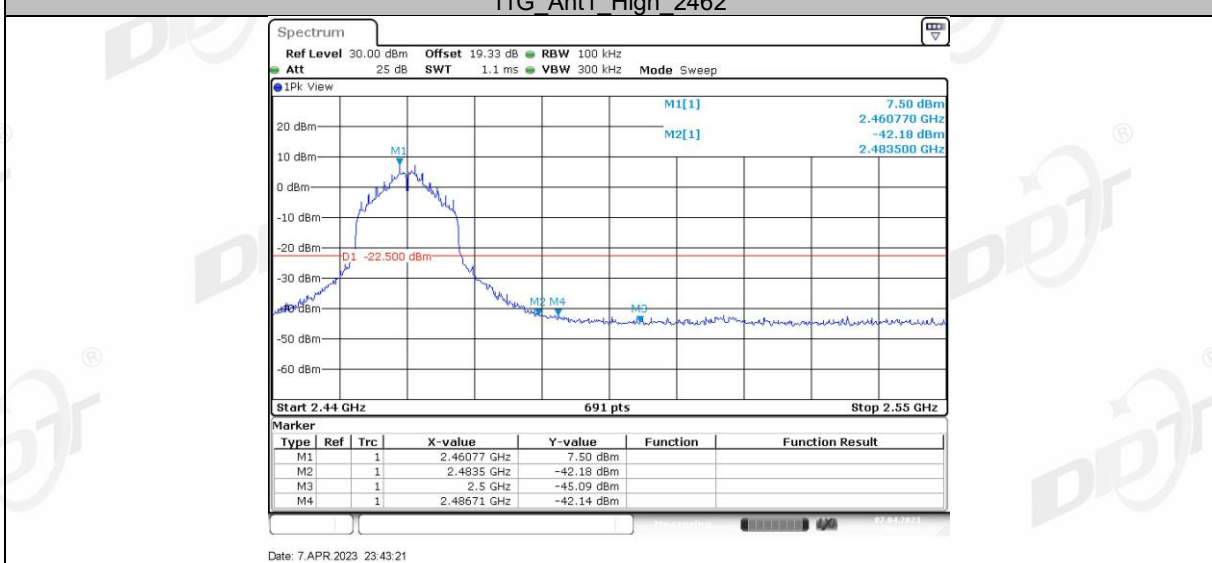
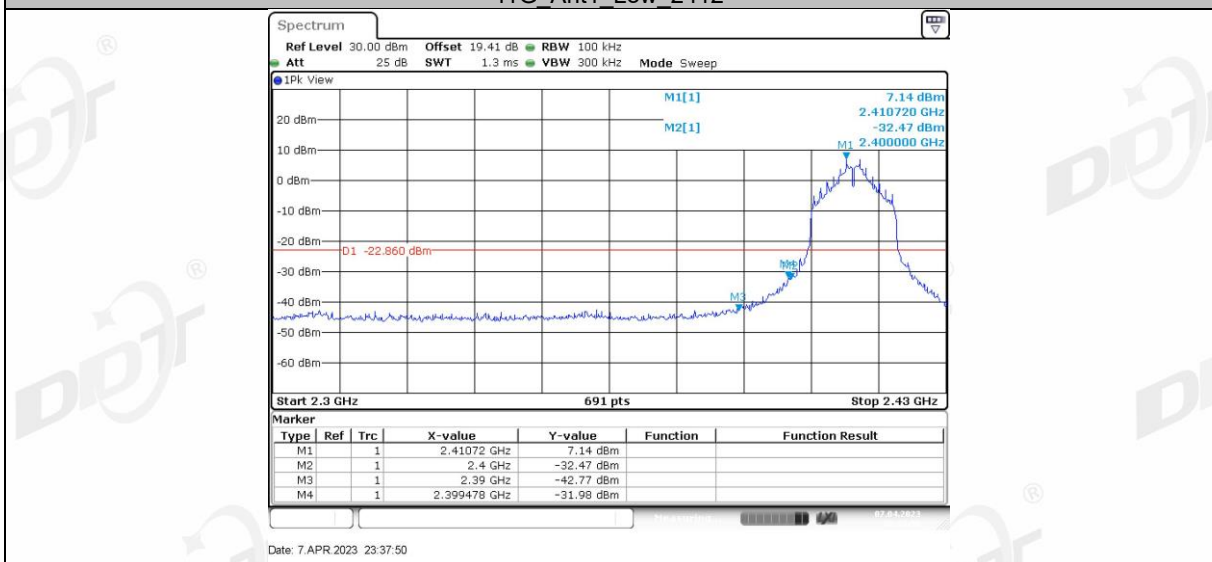
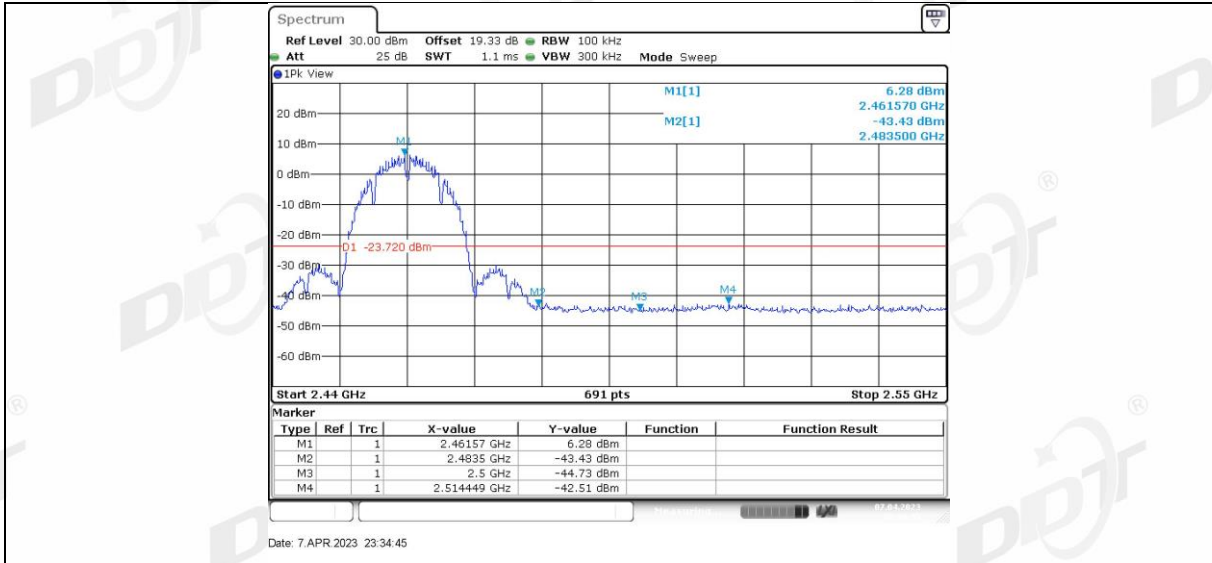
7.4. Test result

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	11n HT 40	CH3	Pass
	CH11	Pass		CH9	Pass
11ax HE 20	CH1	Pass	/	/	/
	CH11	Pass	/	/	/

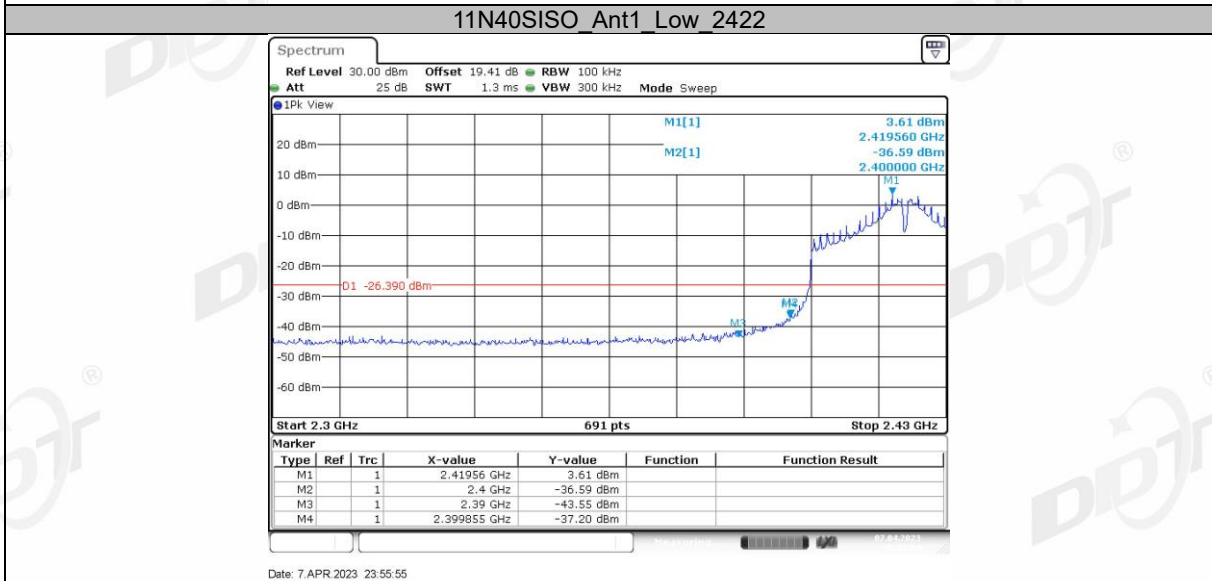
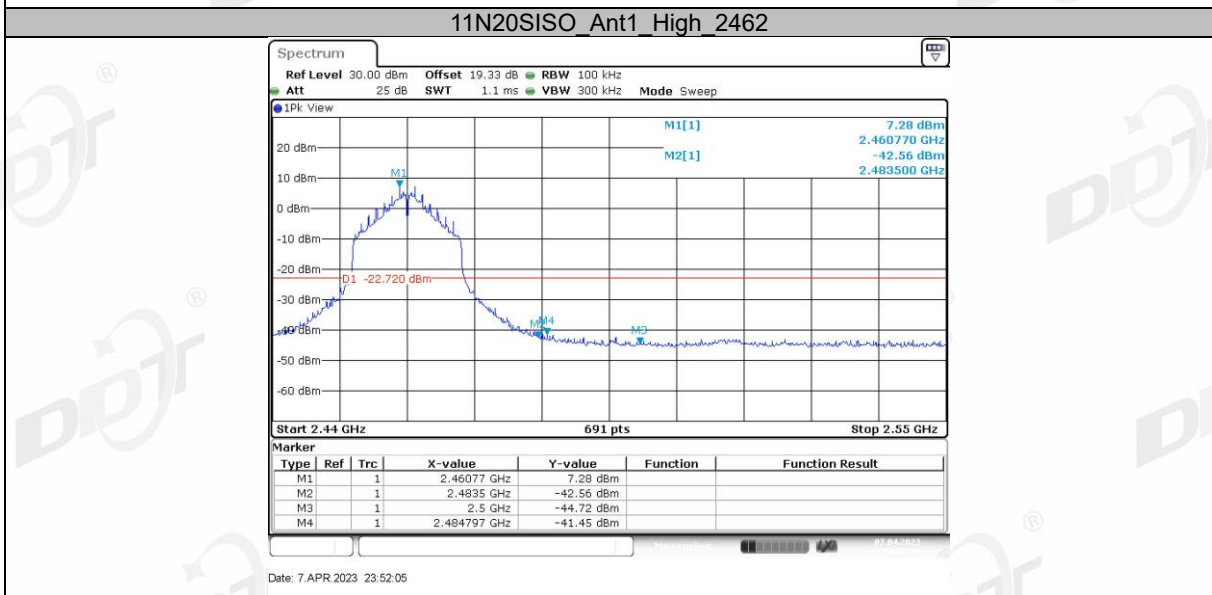
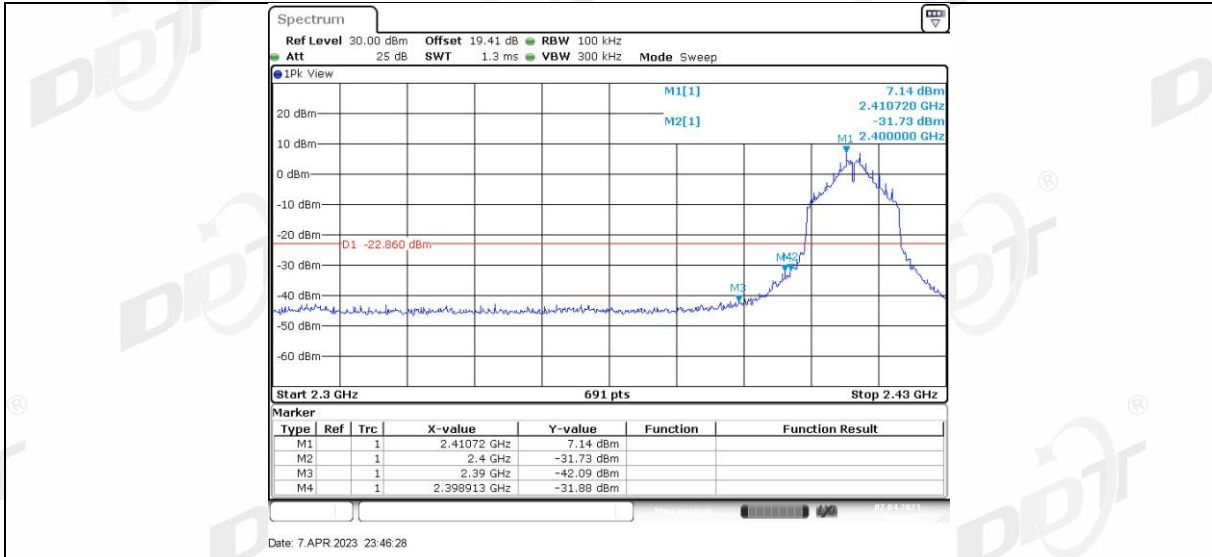
EUT Set Mode	CH or Frequency	Ru Size	Ru Index	Result (dBm)
11AX20SISO	CH1	26Tone	RU0	Pass
			RU4	Pass
			RU8	Pass
	CH11	26Tone	RU0	Pass
			RU4	Pass
			RU8	Pass

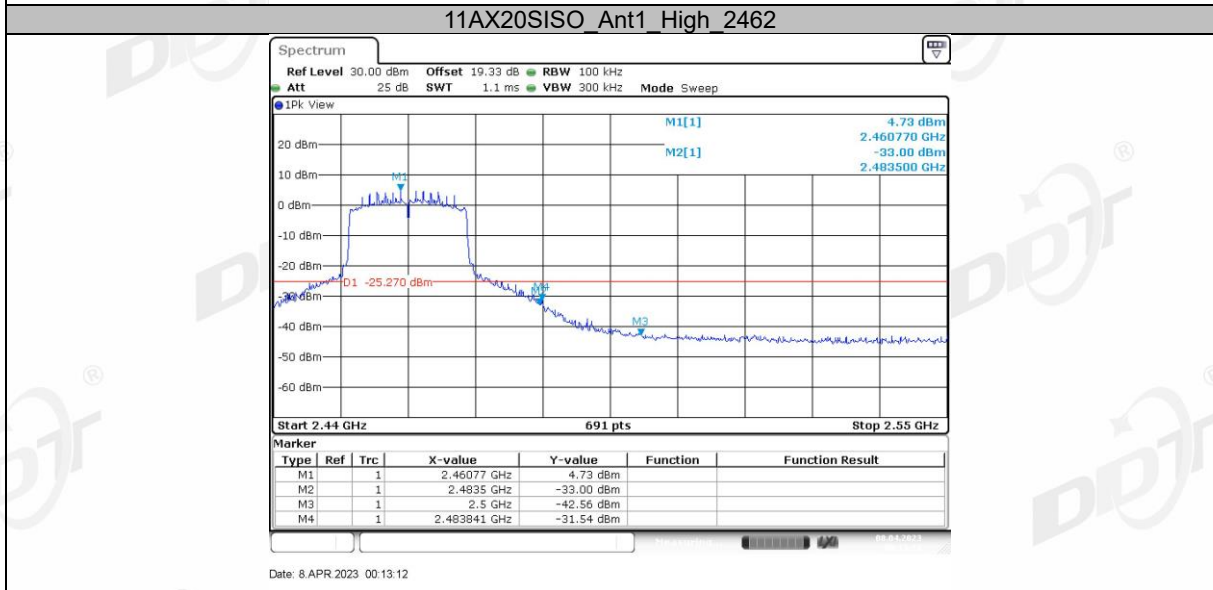
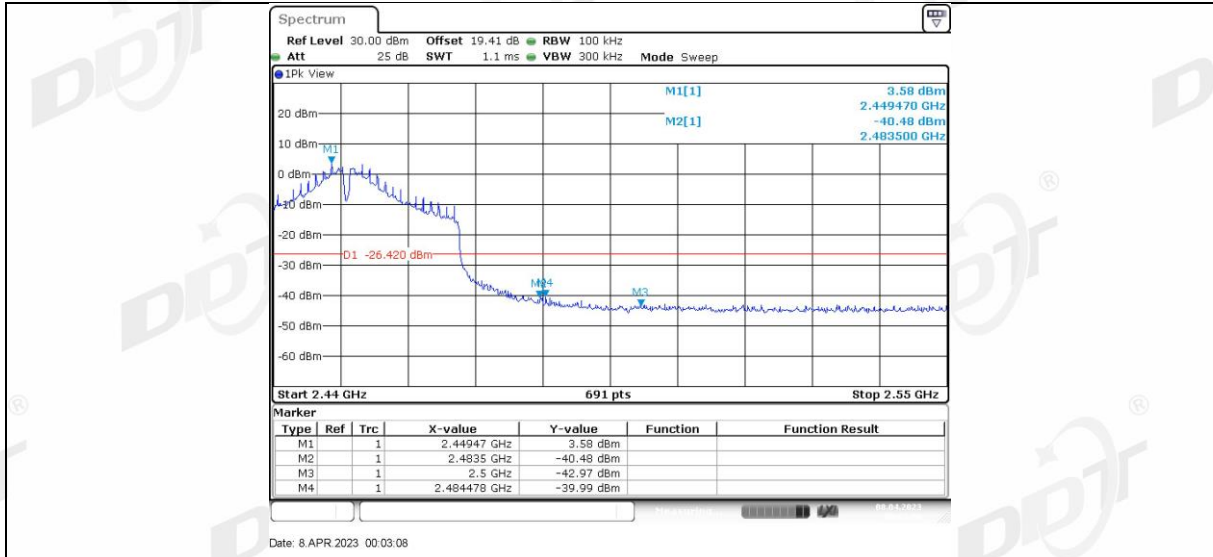
7.5. Test graphs

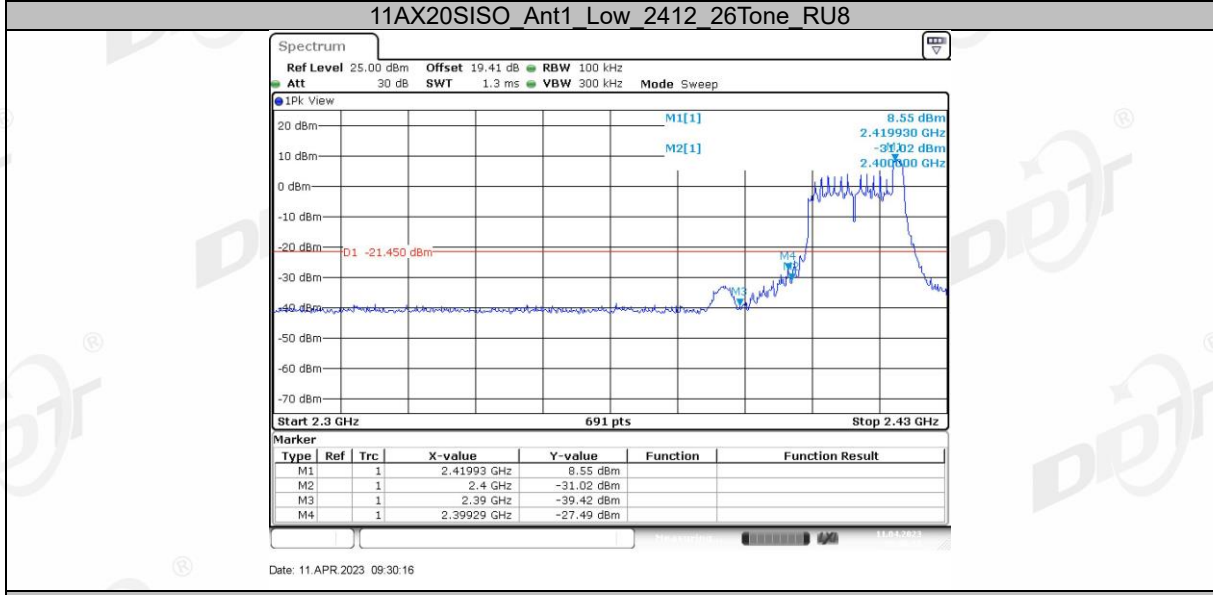
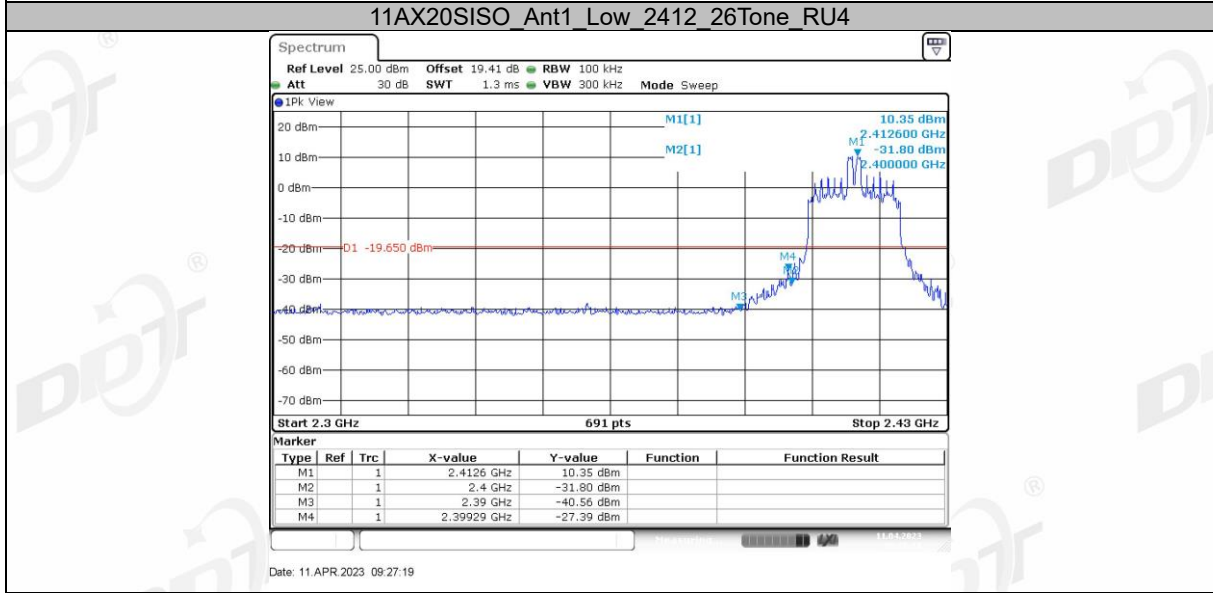
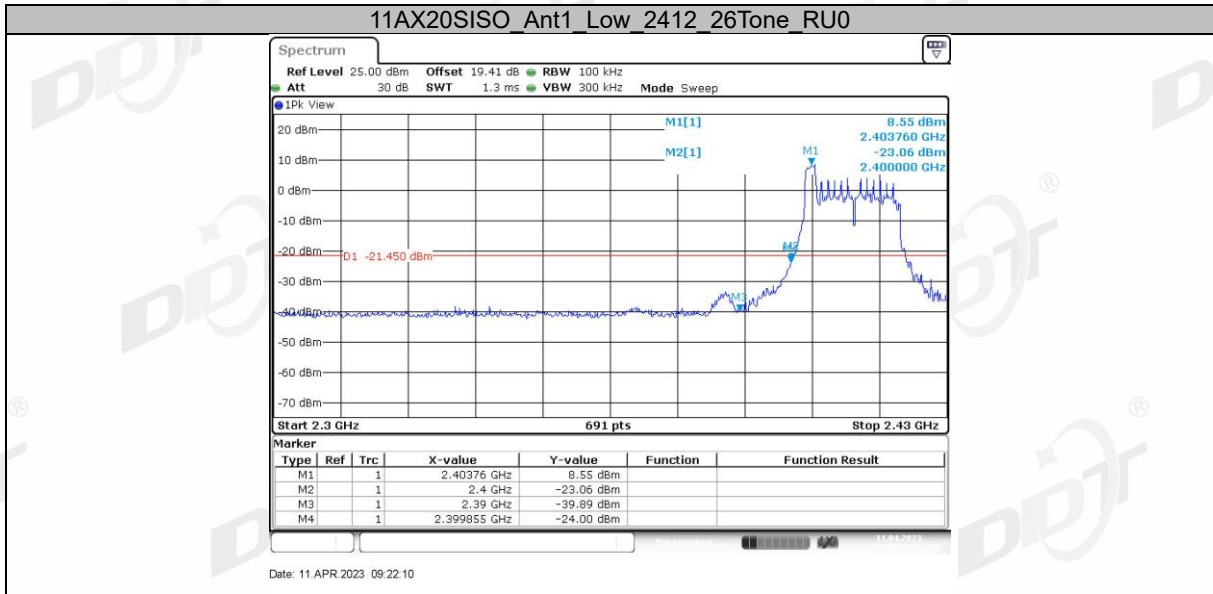




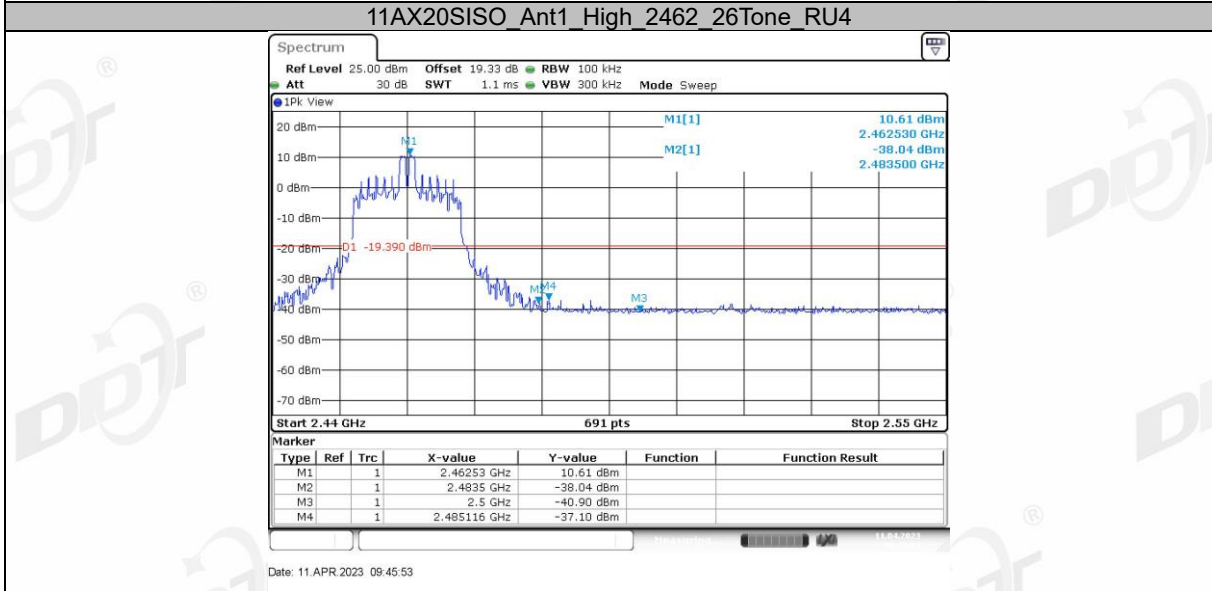
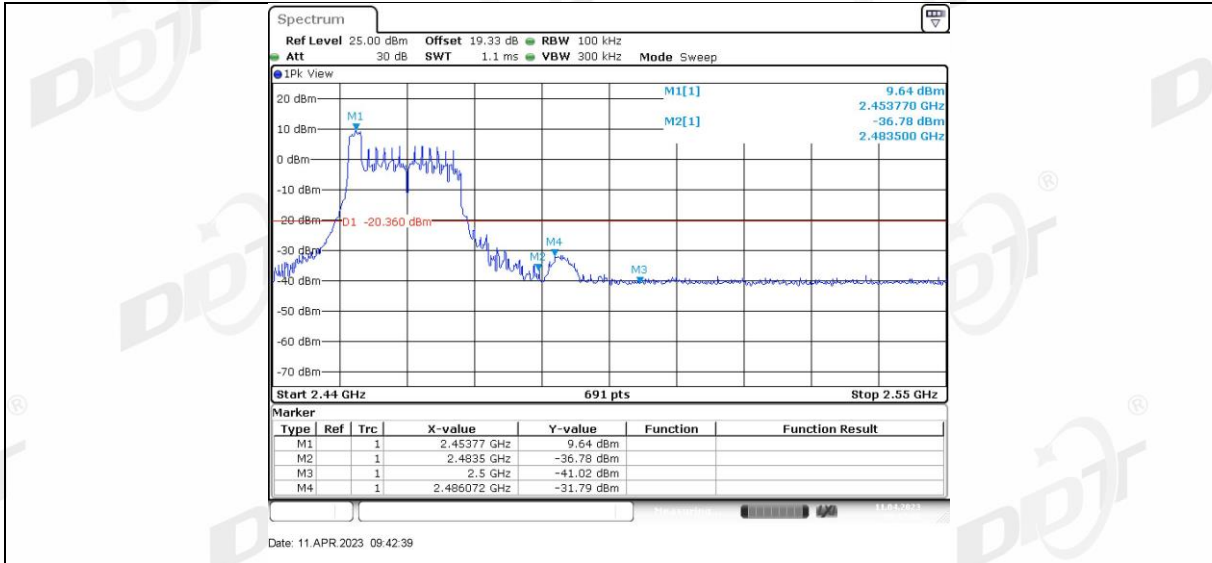
11N20SISO Ant1 Low 2412







11AX20SISO_Ant1_High_2462_26Tone_RU0



8. RF Conducted Spurious Emissions

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:

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	$\geq \text{span}/\text{RBW}$
Detector Mode:	Peak
Sweep time:	auto
Trace mode	Max hold

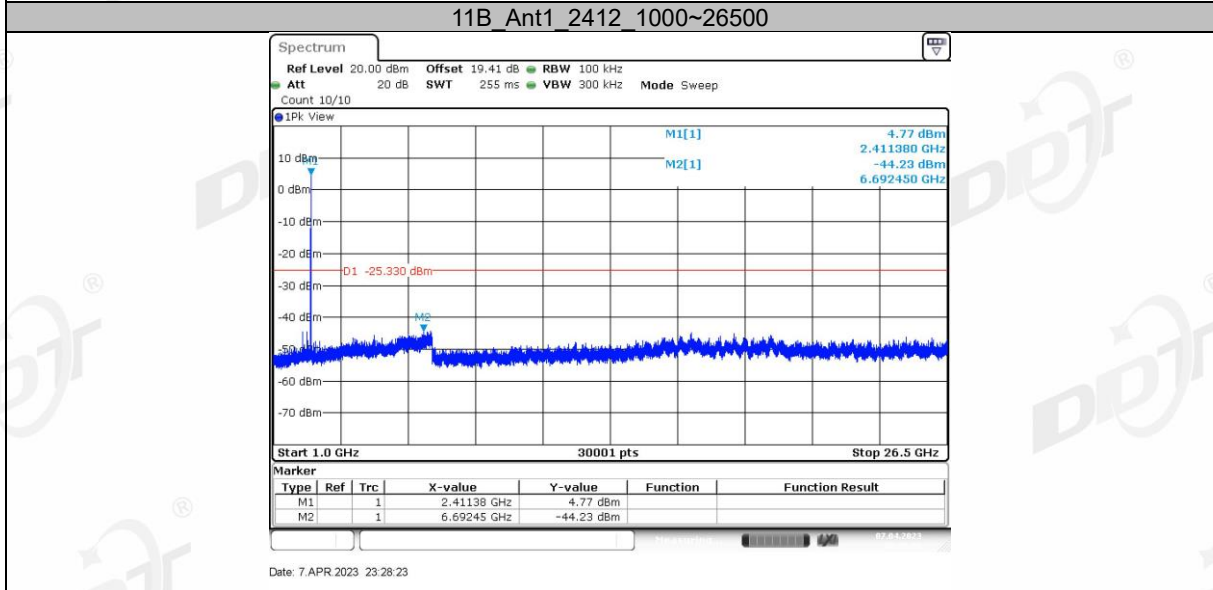
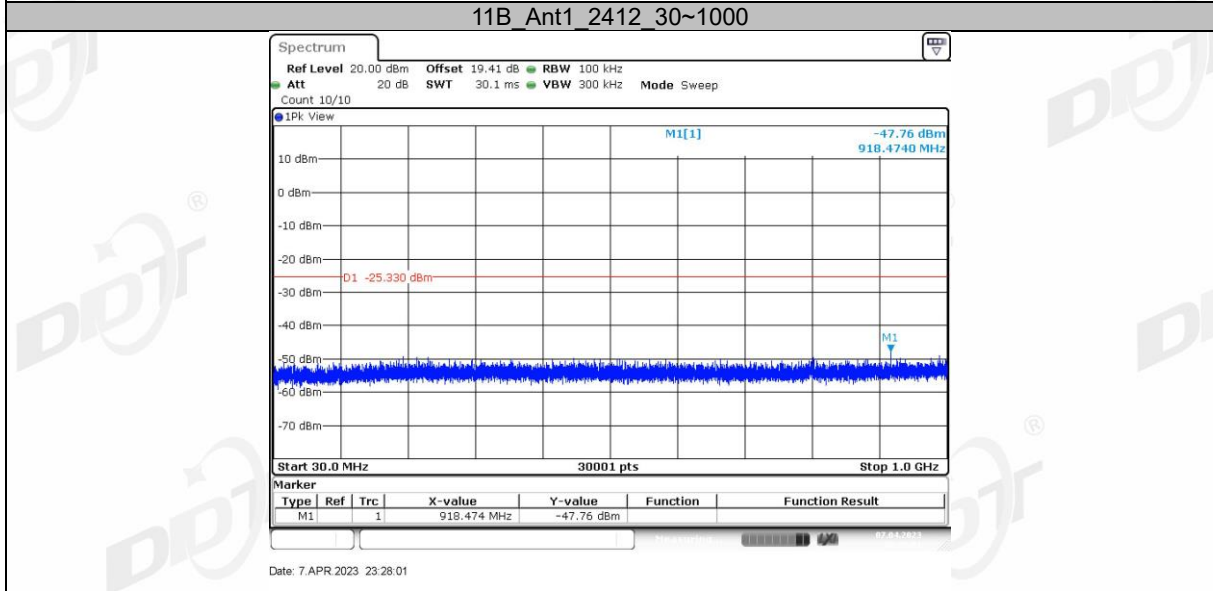
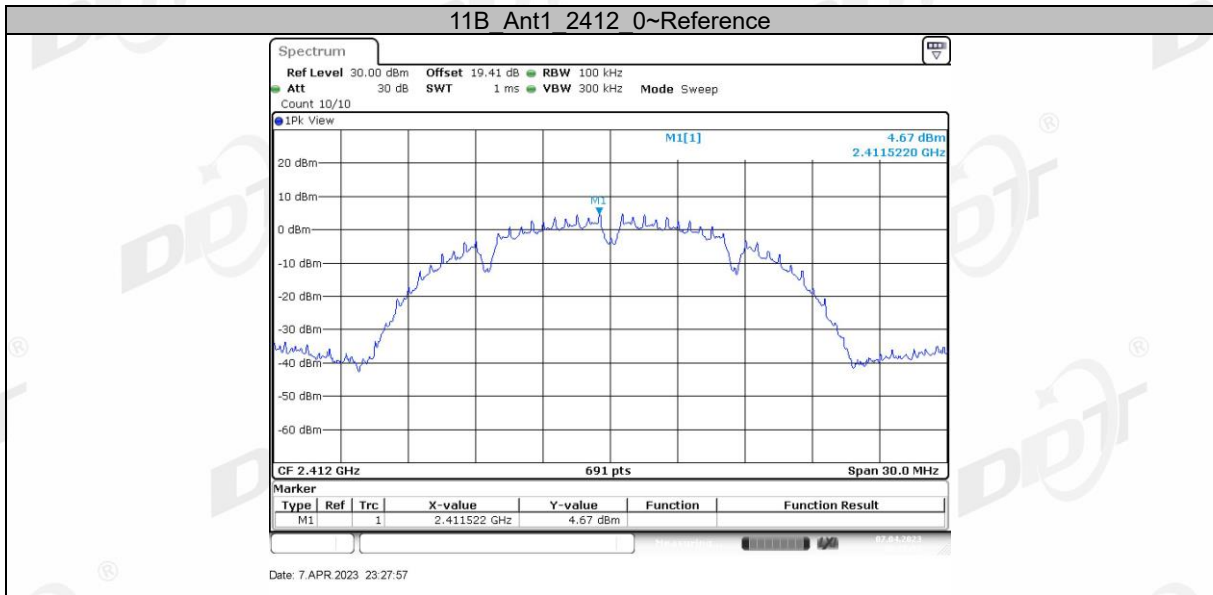
- (5) Allow the trace to stabilize, use the peak marker function to determine the maximum amplitude of all unwanted emissions outside of the authorized frequency band

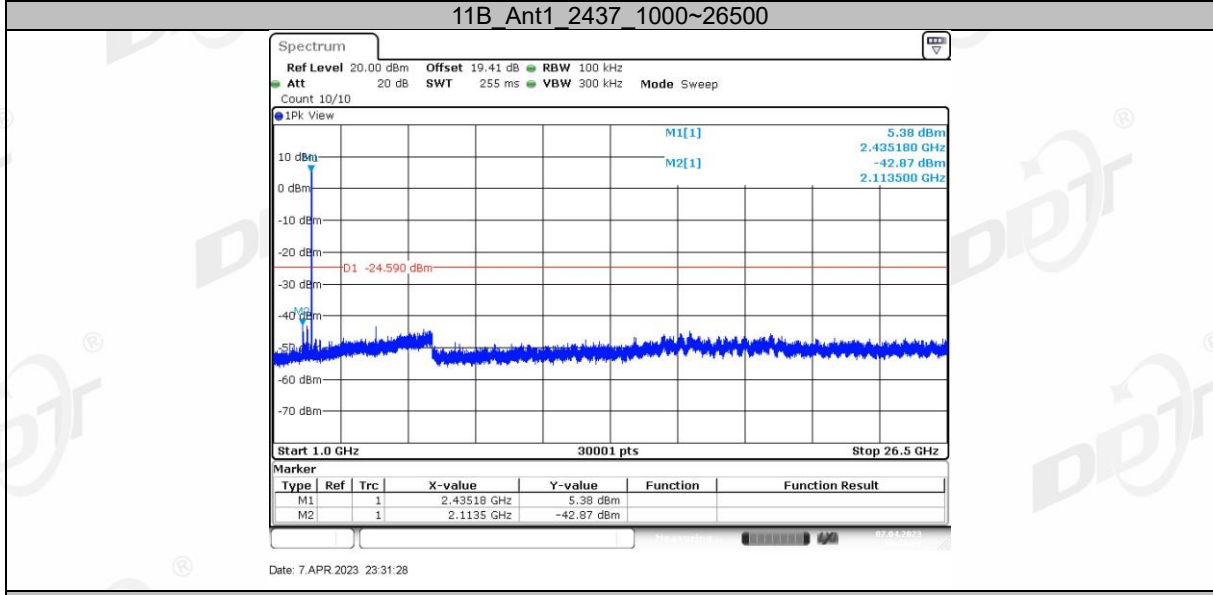
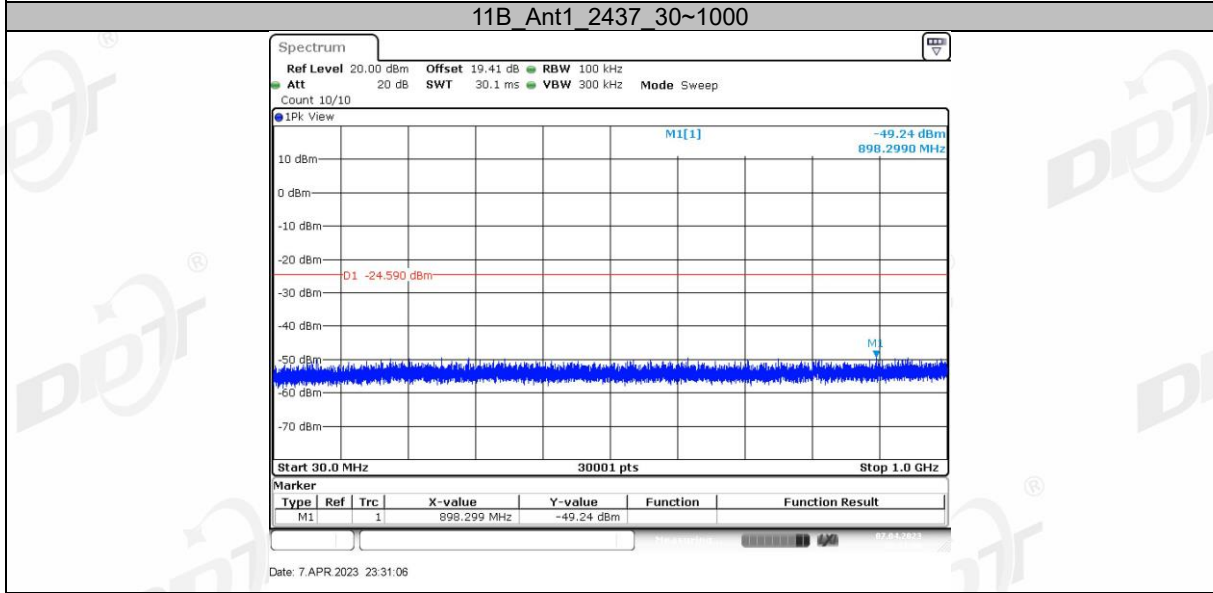
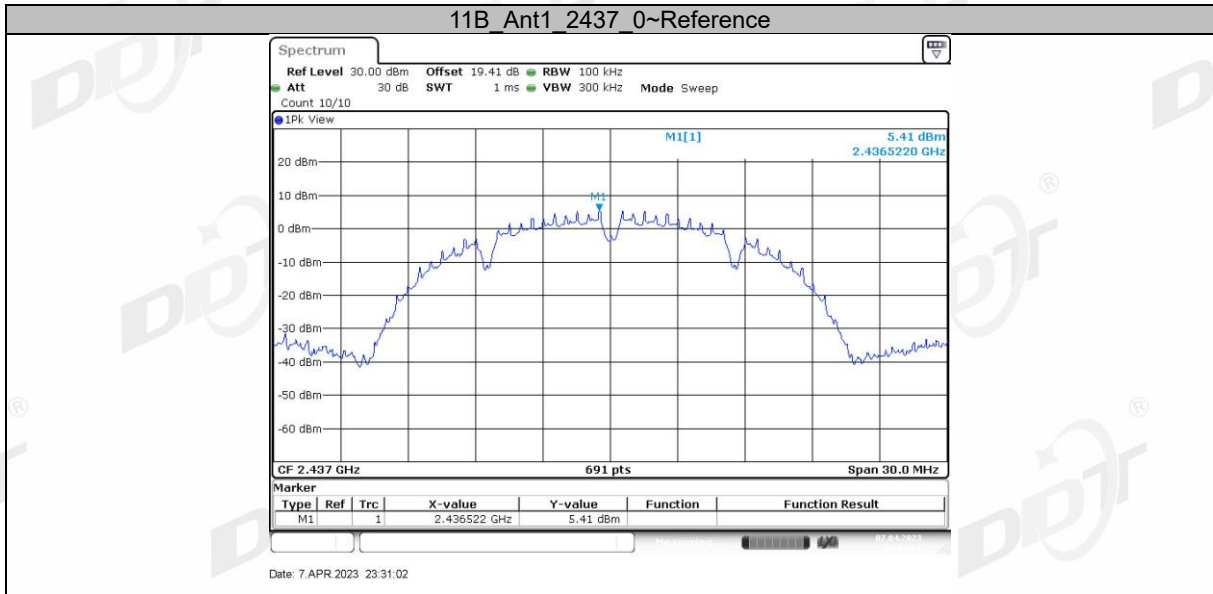
8.4. Test result

EUT Set Mode	CH or Frequency	Result (dBm)	EUT Set Mode	CH or Frequency	Result Result (dBm)
11b	CH1	Pass	11g	CH1	Pass
	CH6	Pass		CH6	Pass
	CH11	Pass		CH11	Pass
11n HT 20	CH1	Pass	11n HT 40	CH3	Pass
	CH6	Pass		CH6	Pass
	CH11	Pass		CH9	Pass
11ax HE 20	CH1	Pass	/	/	/
	CH6	Pass		/	/
	CH11	Pass		/	/

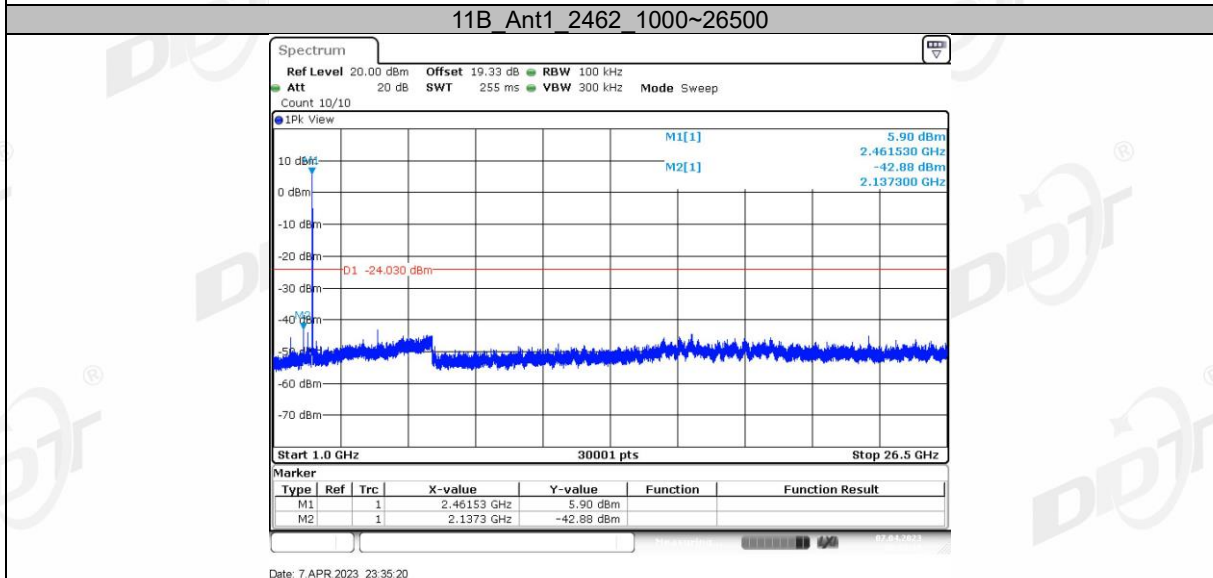
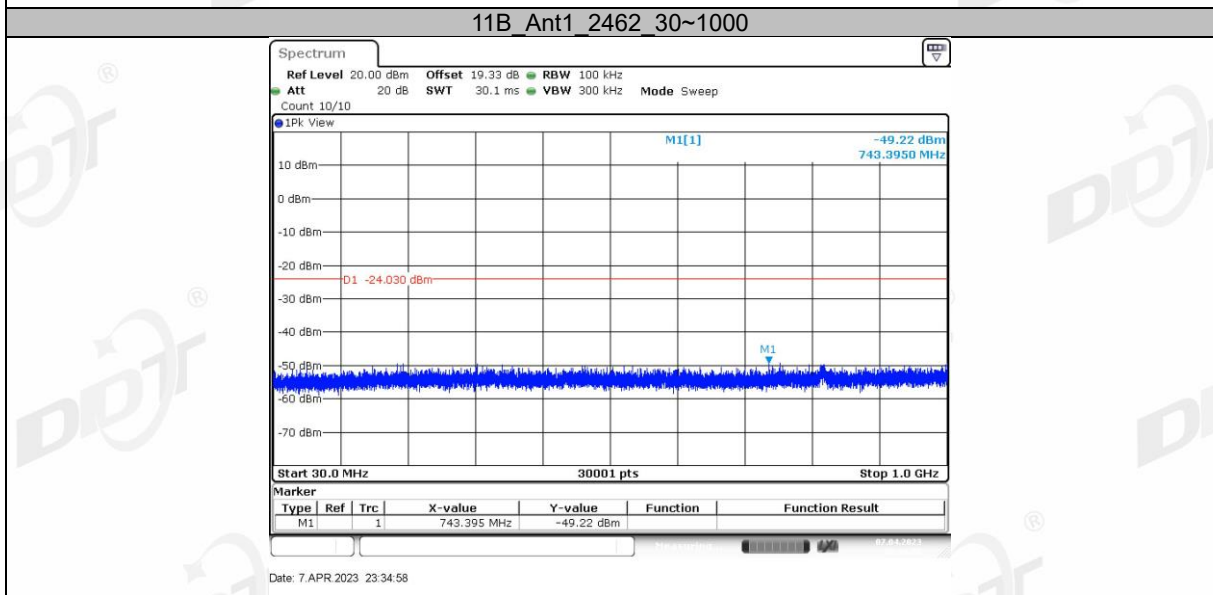
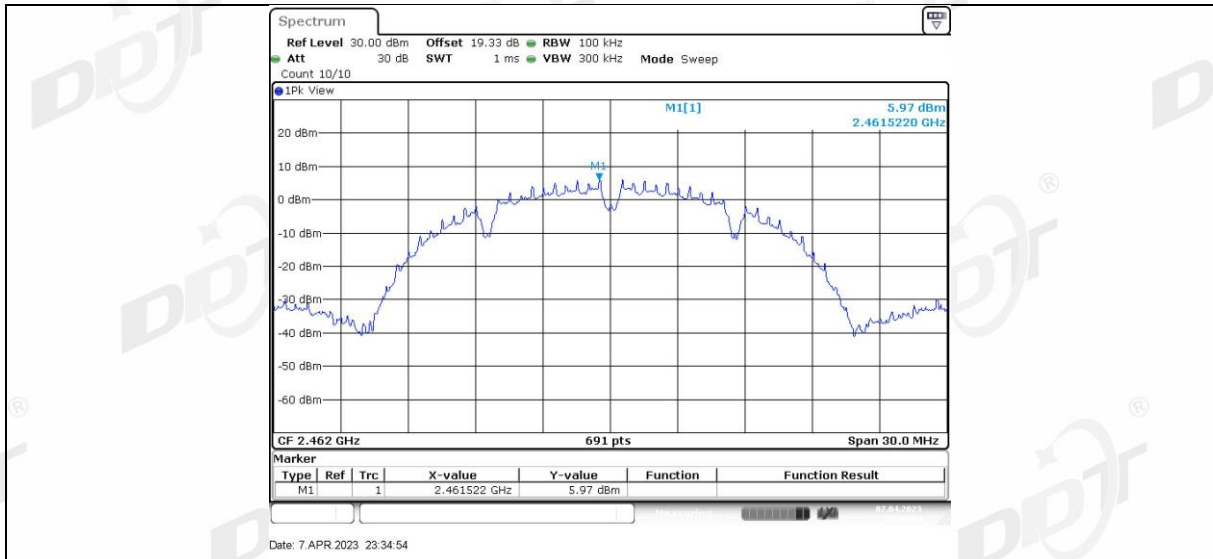
EUT Set Mode	CH or Frequency	Ru Size	Ru Index	Result (dBm)
11AX20SISO	CH1	26Tone	RU0	Pass
			RU4	Pass
			RU8	Pass
	CH6	26Tone	RU0	Pass
			RU4	Pass
			RU8	Pass
	CH11	26Tone	RU0	Pass
			RU4	Pass
			RU8	Pass

8.5. Test graphs

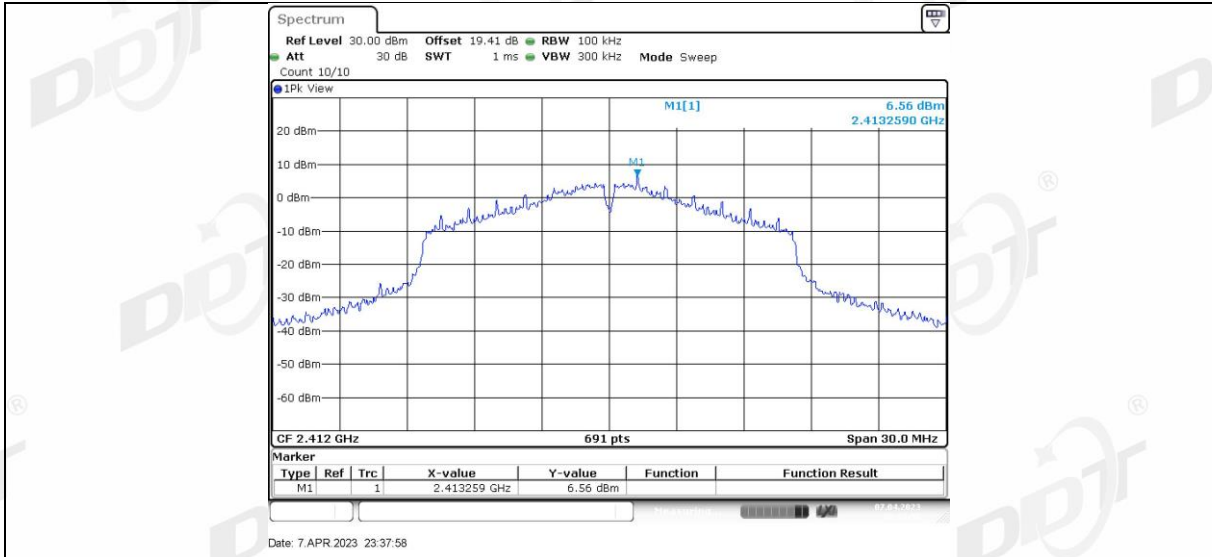




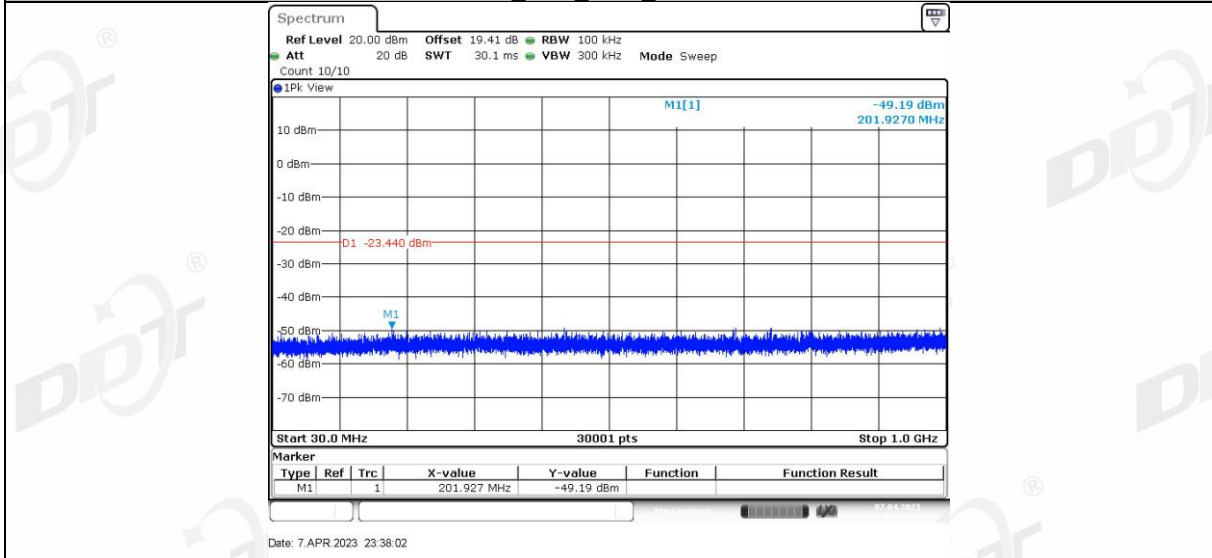
11B_Ant1_2462_0~Reference



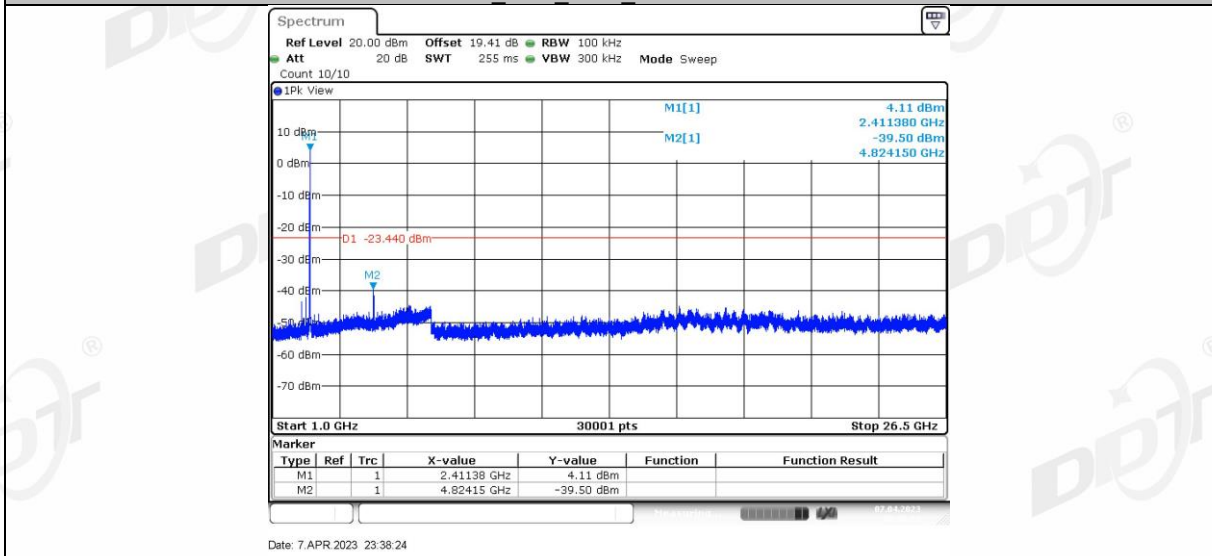
11G Ant1_2412_0~Reference



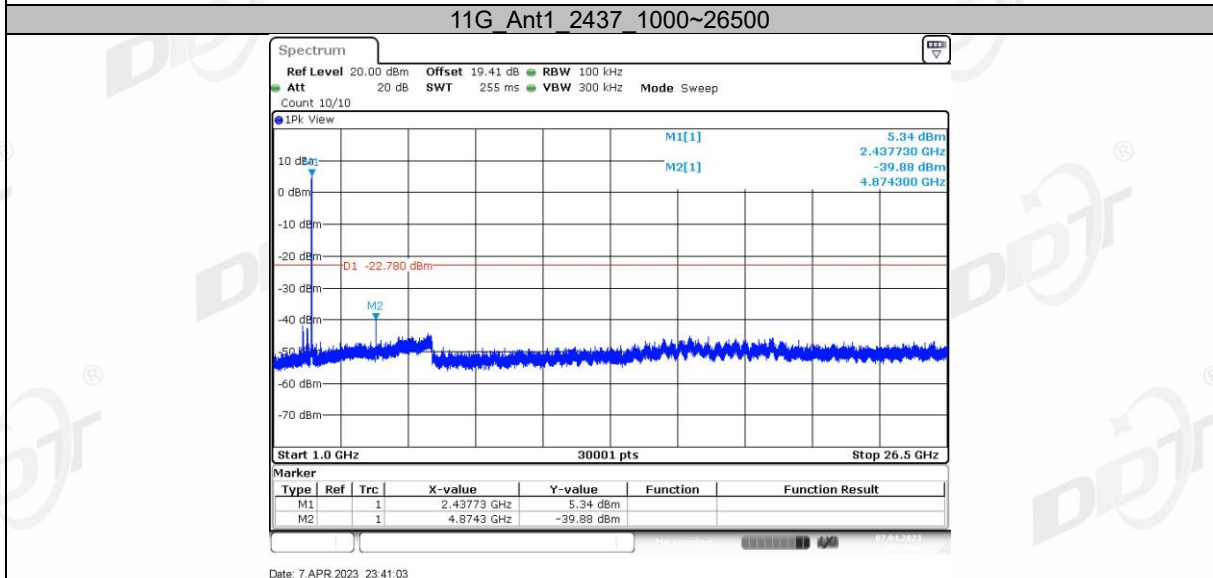
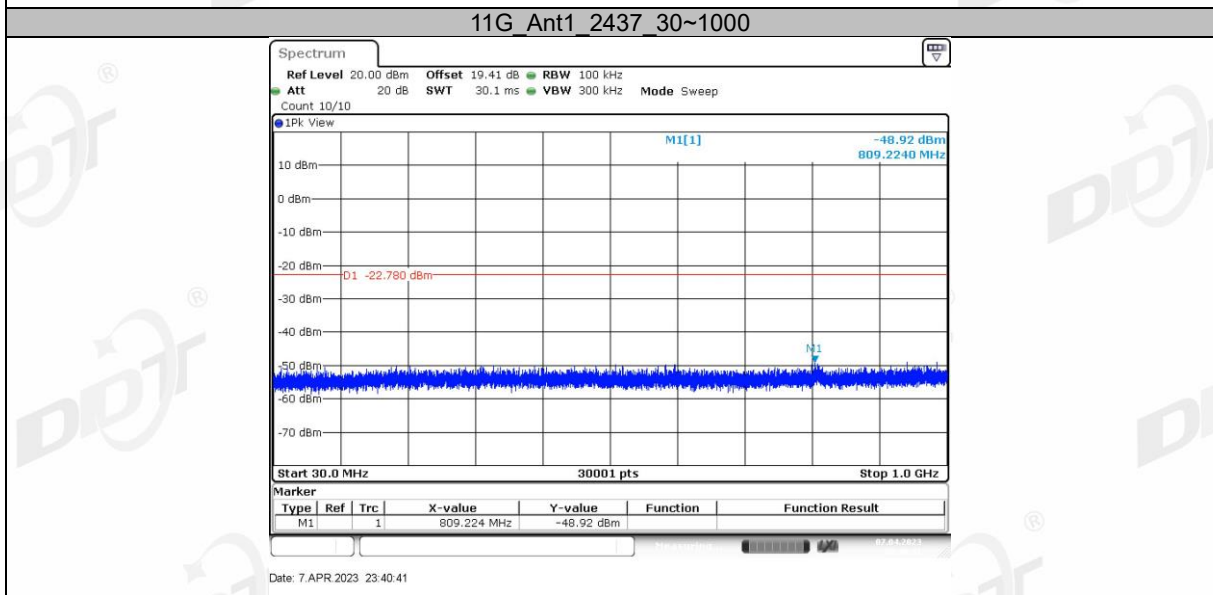
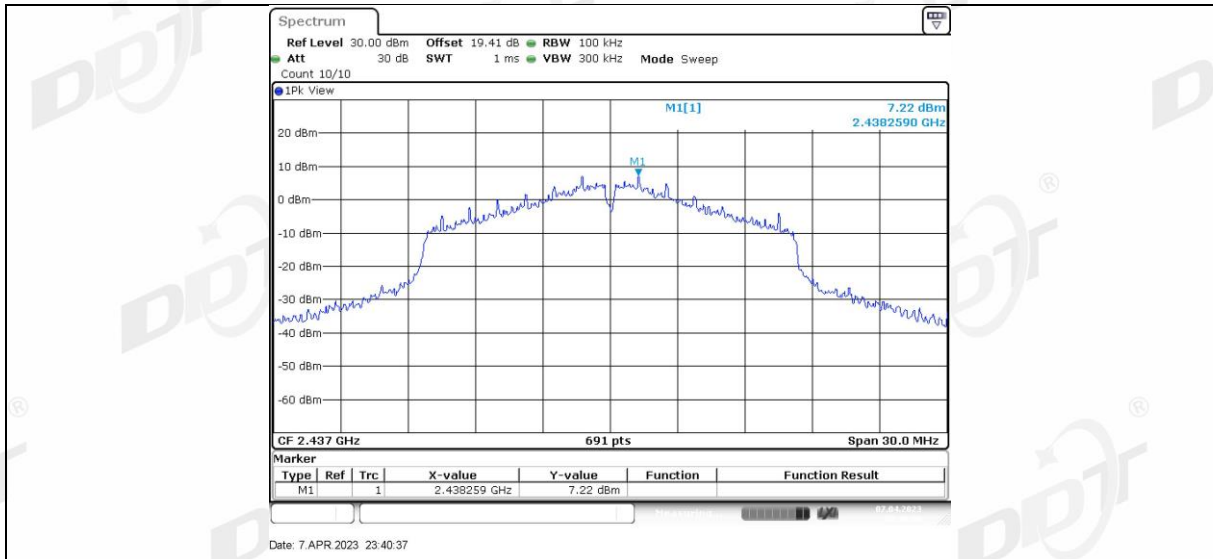
11G Ant1_2412_30~1000



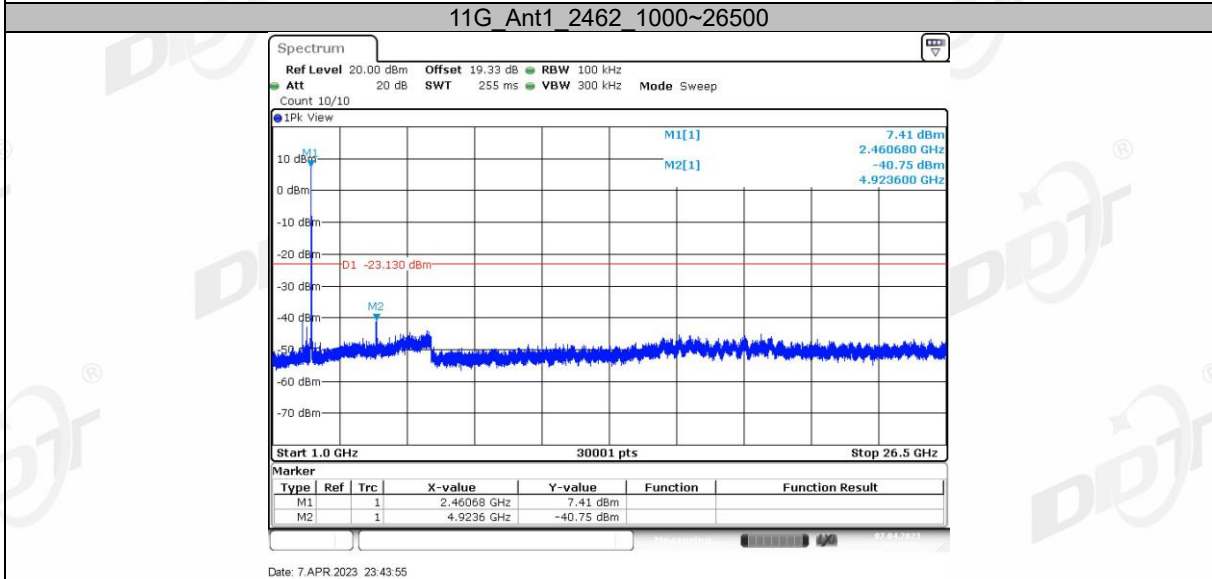
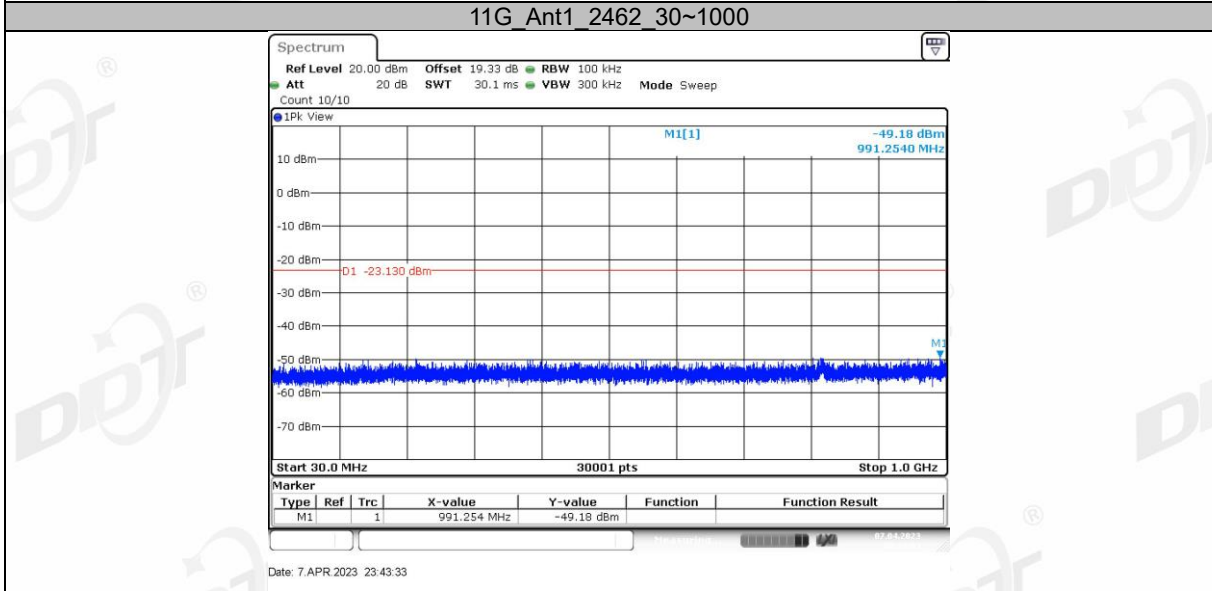
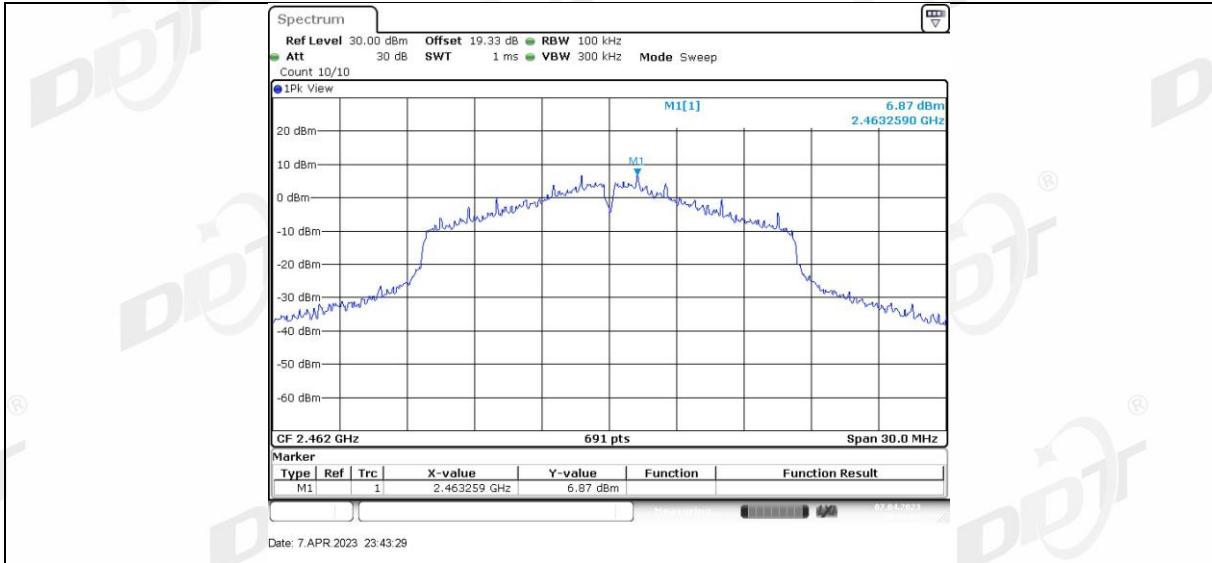
11G Ant1_2412_1000~26500

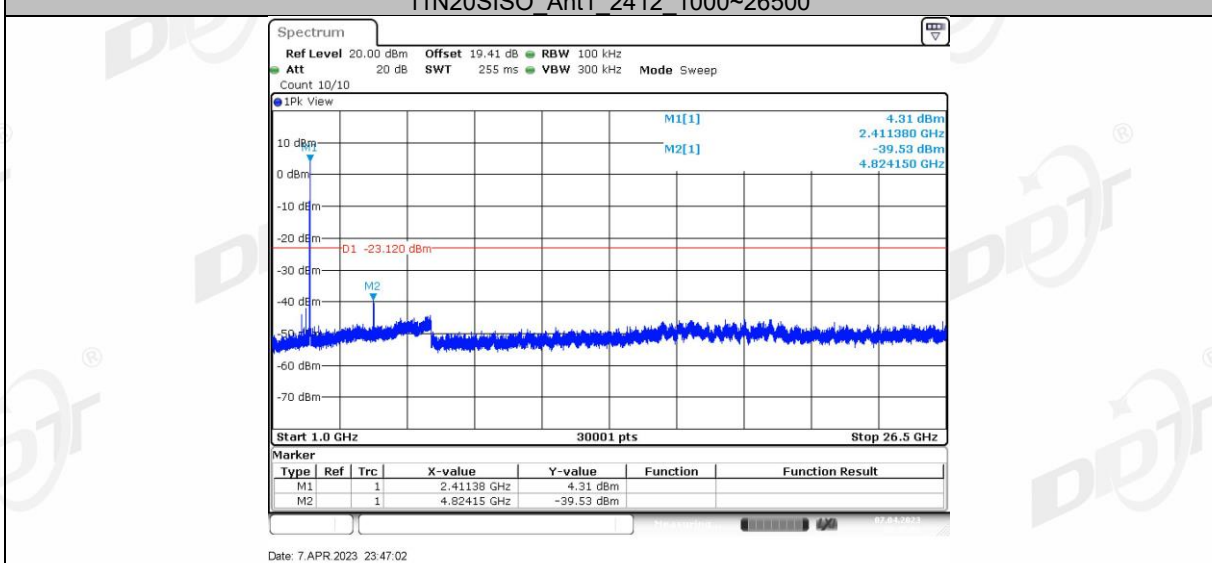
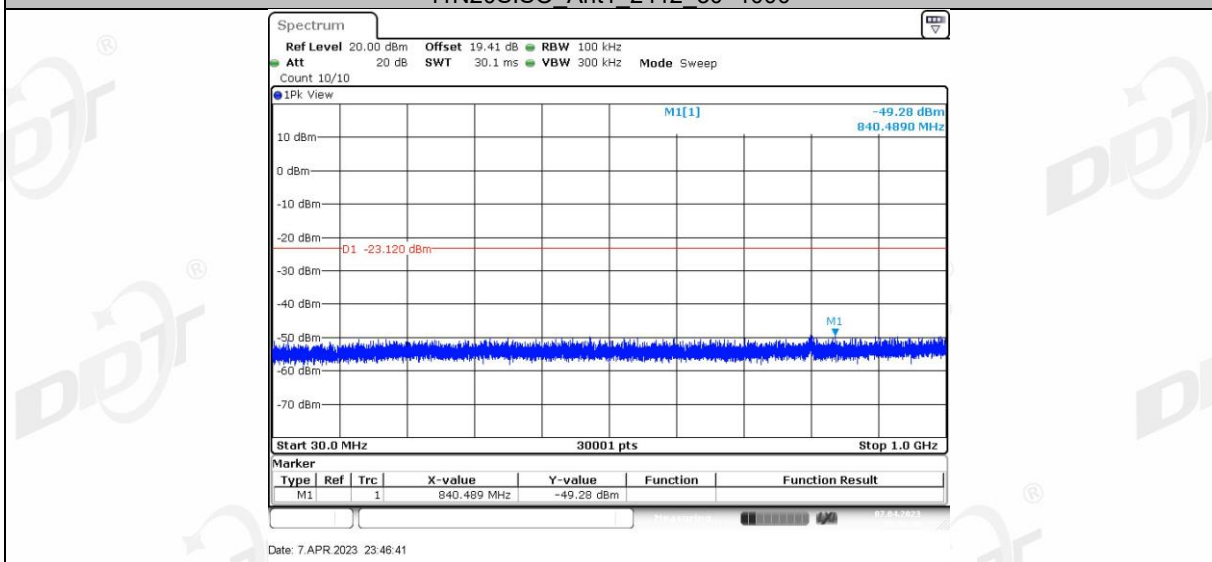
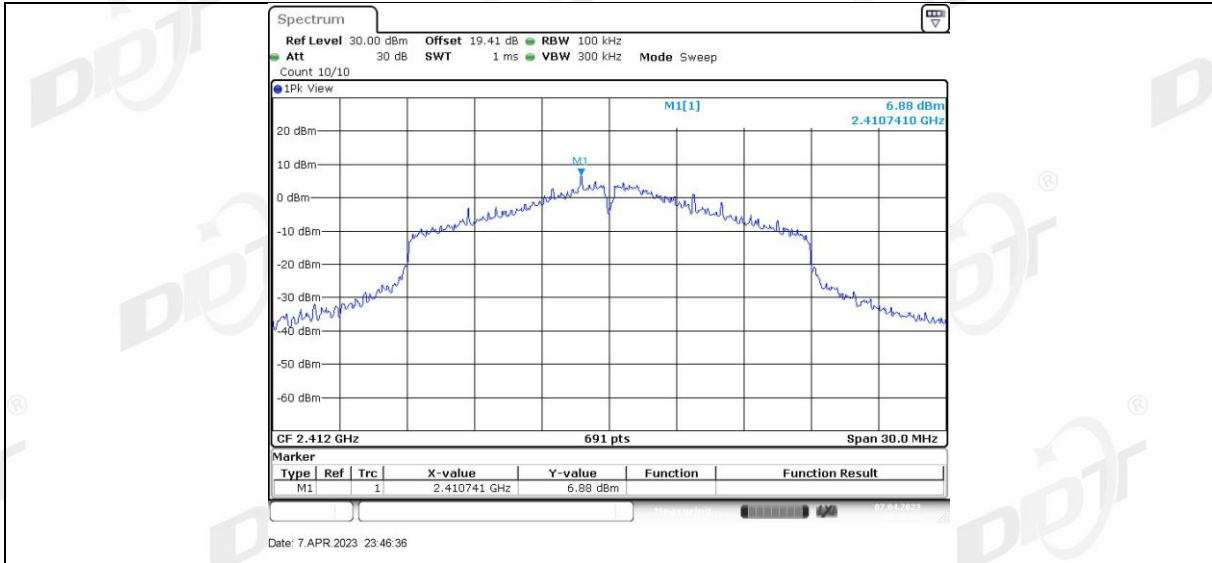


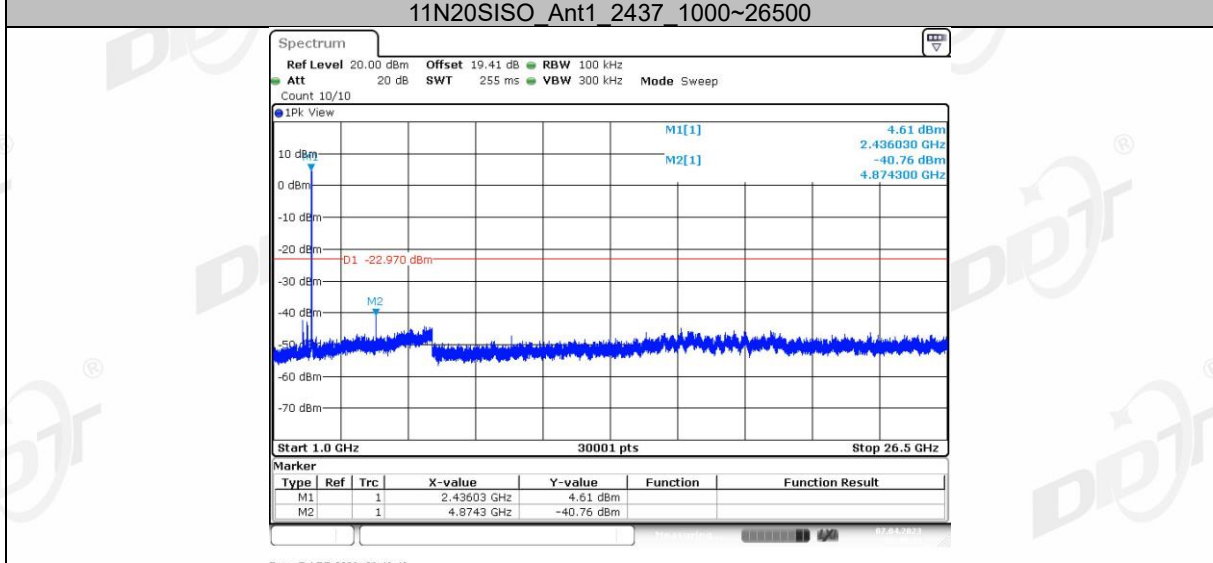
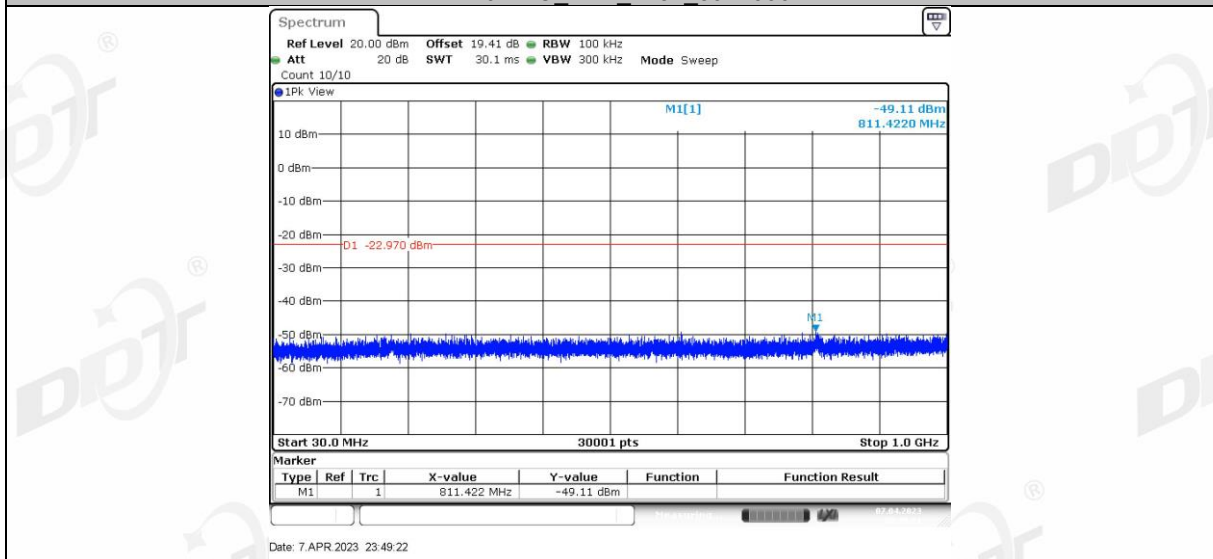
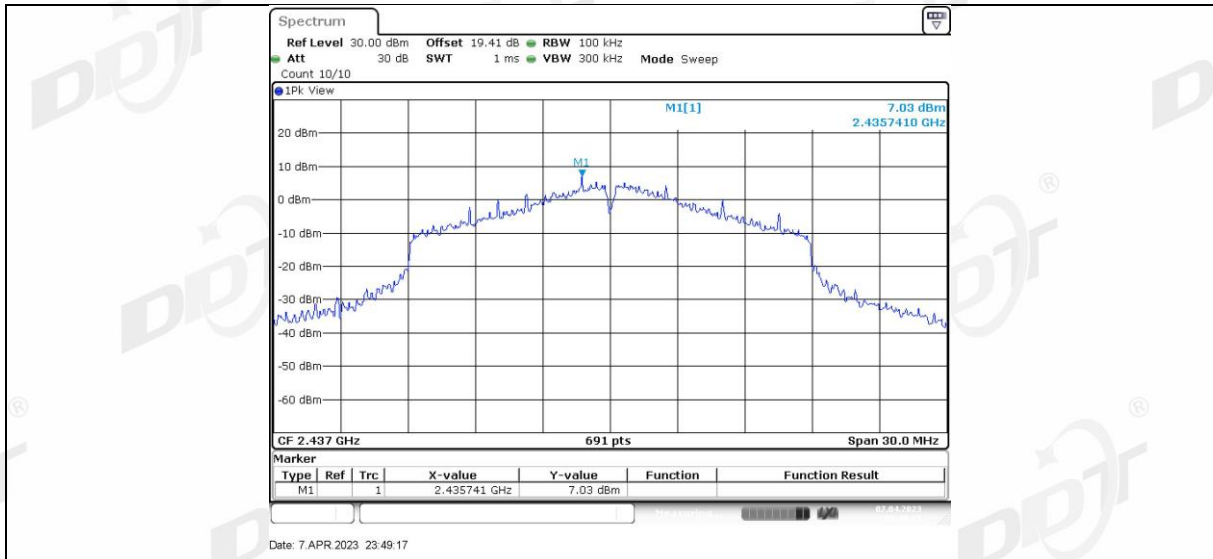
11G Ant1_2437_0~Reference

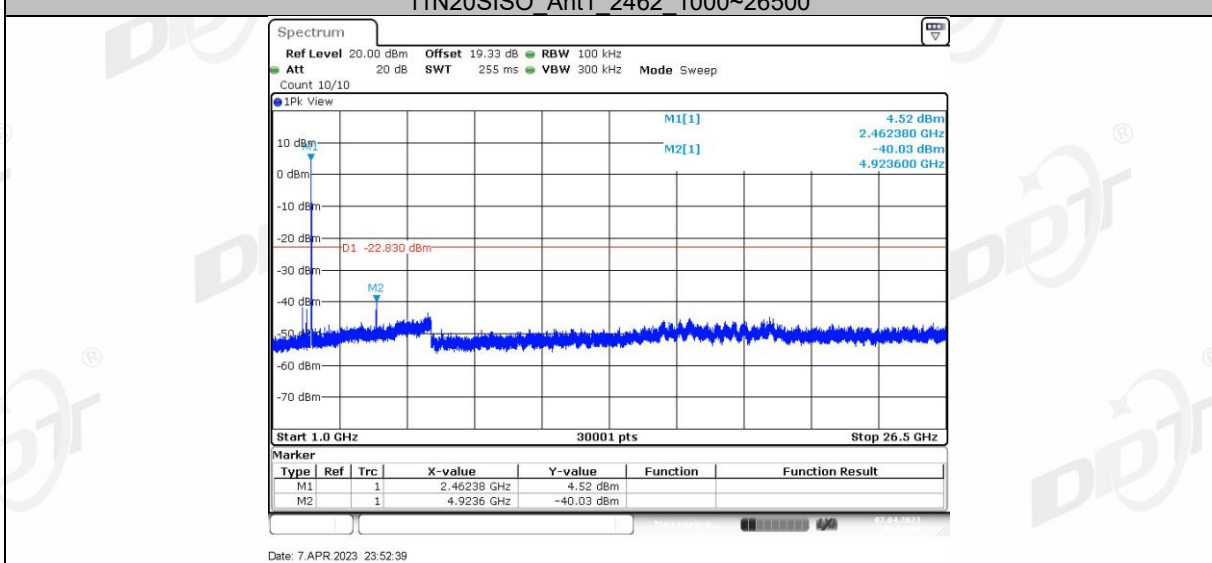
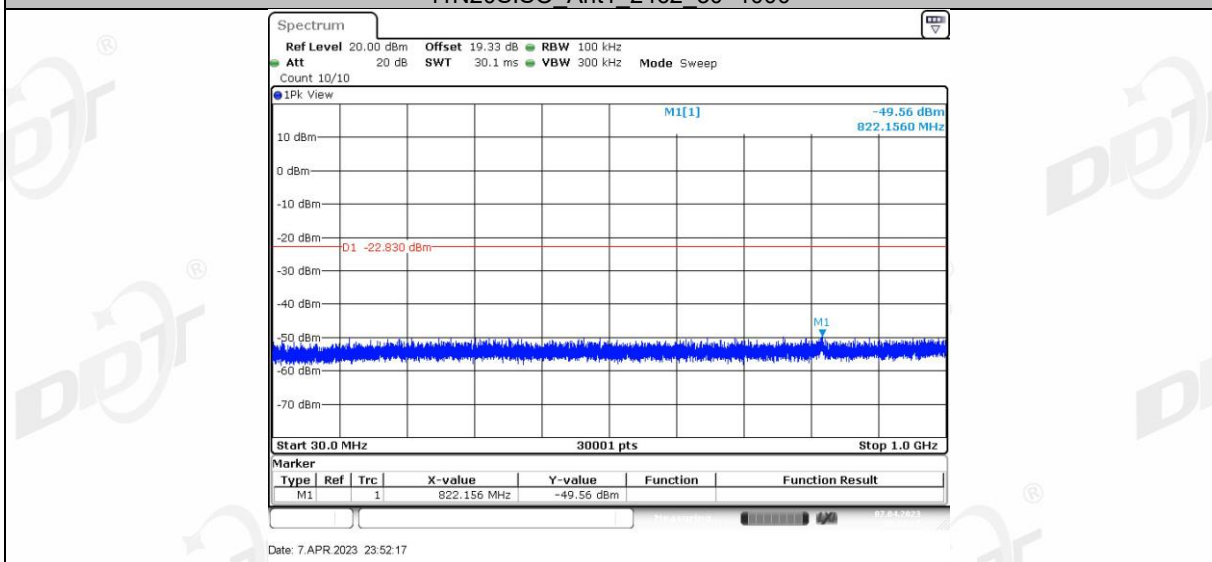
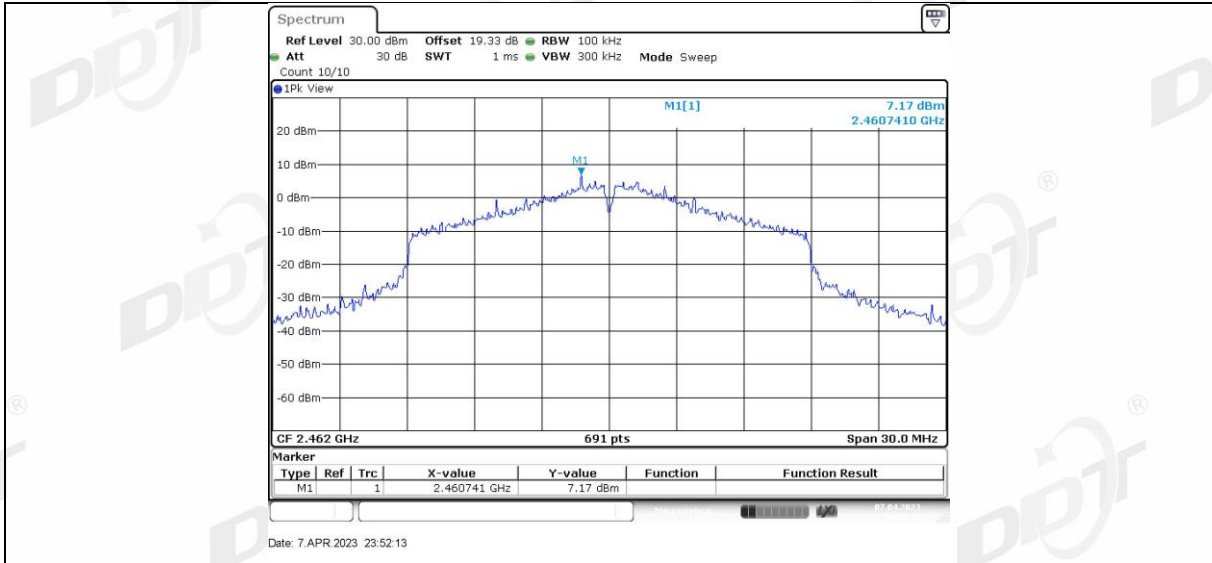


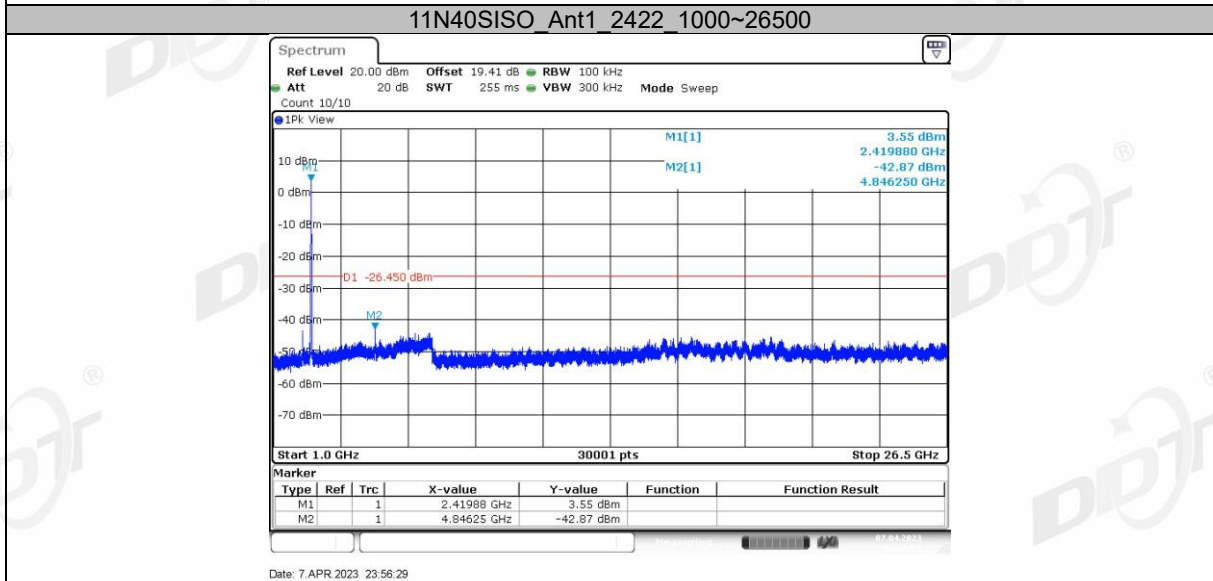
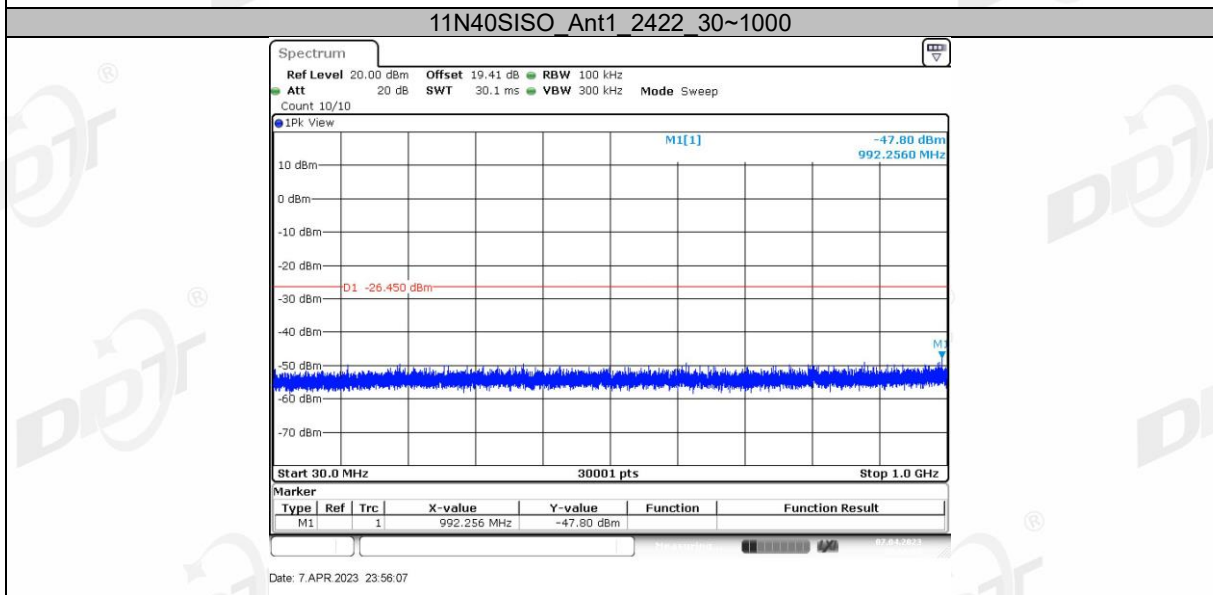
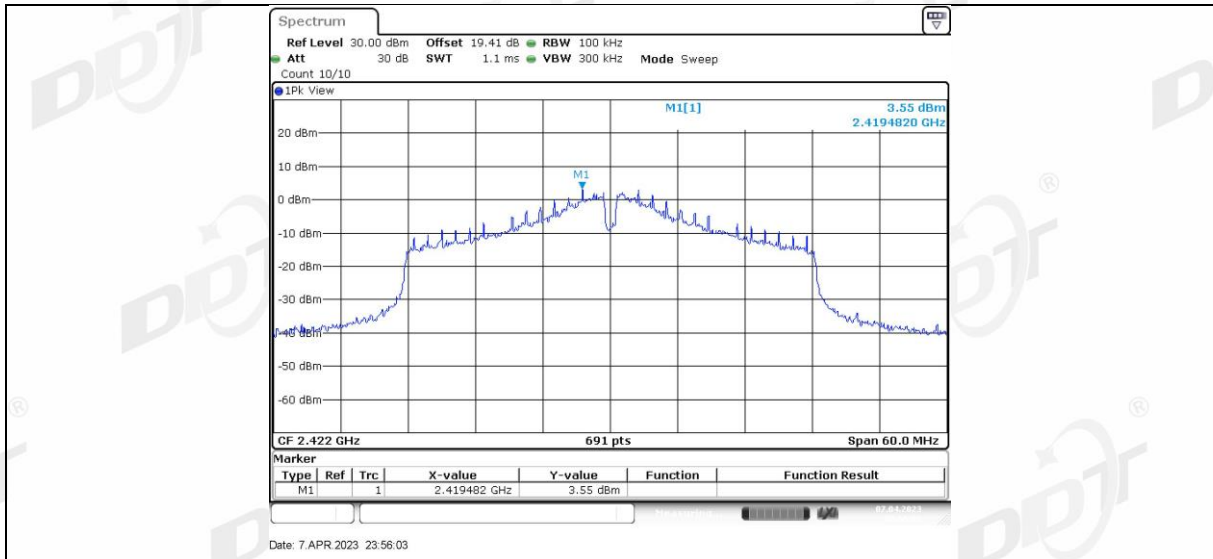
11G Ant1_2462_0~Reference

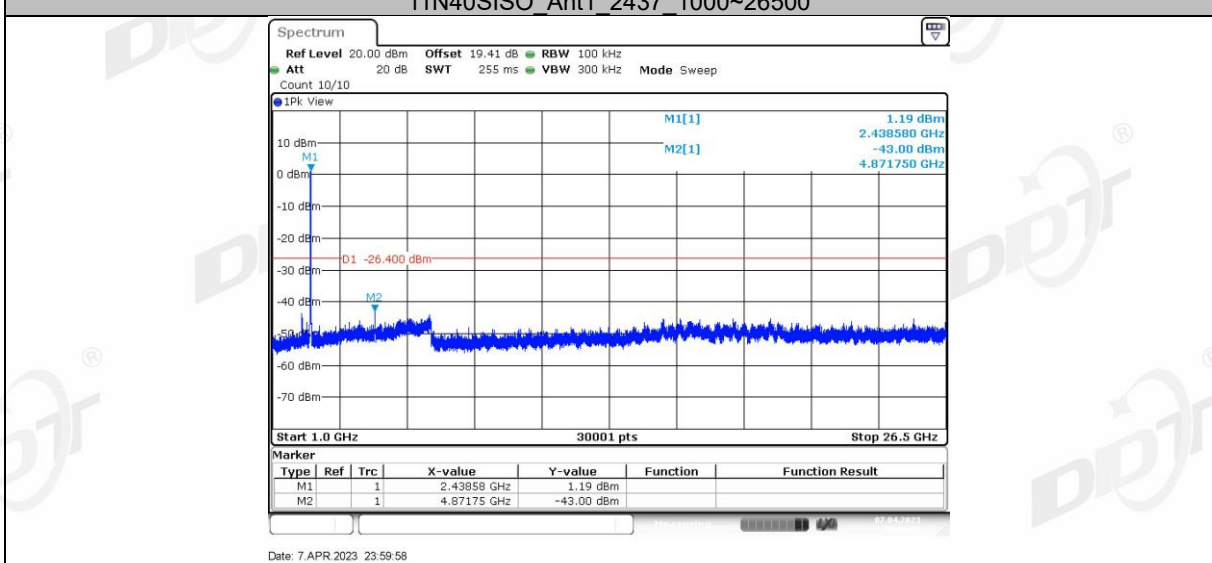
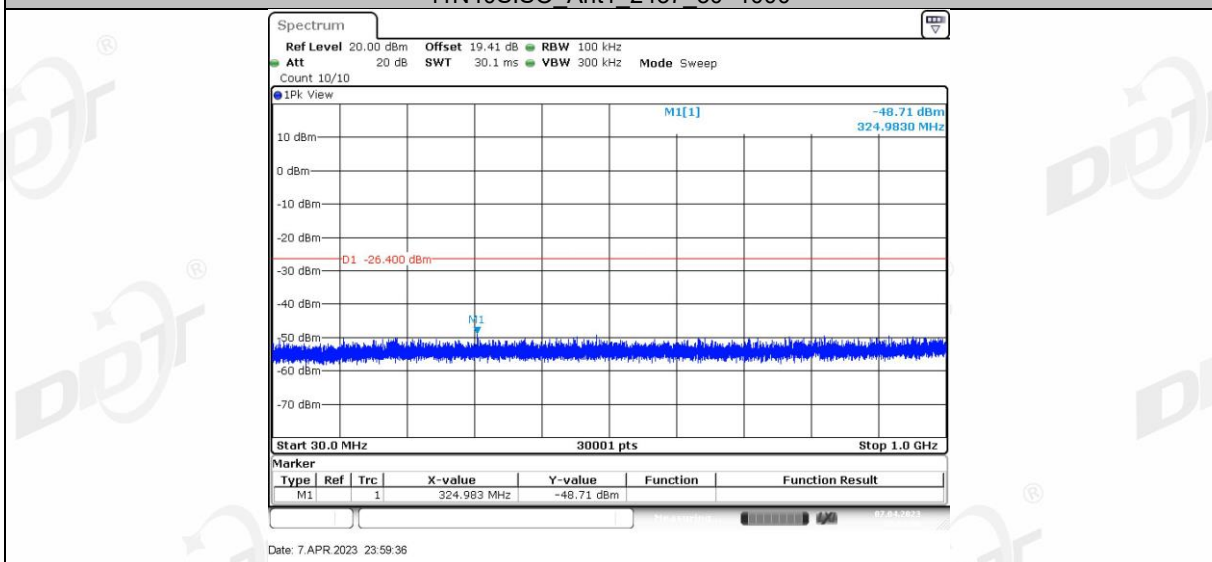
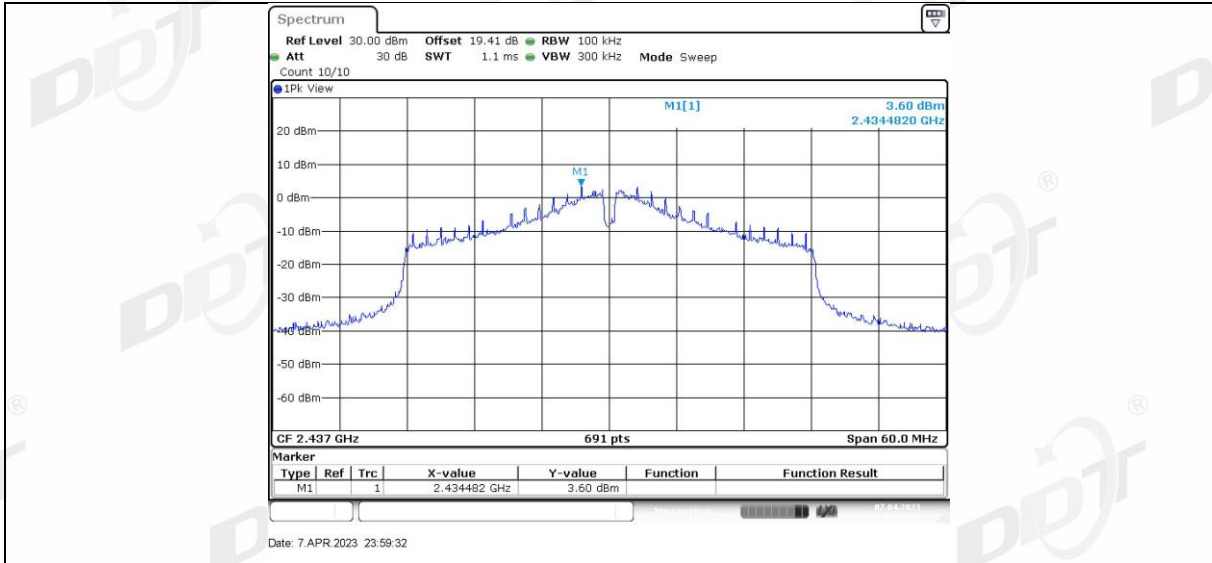


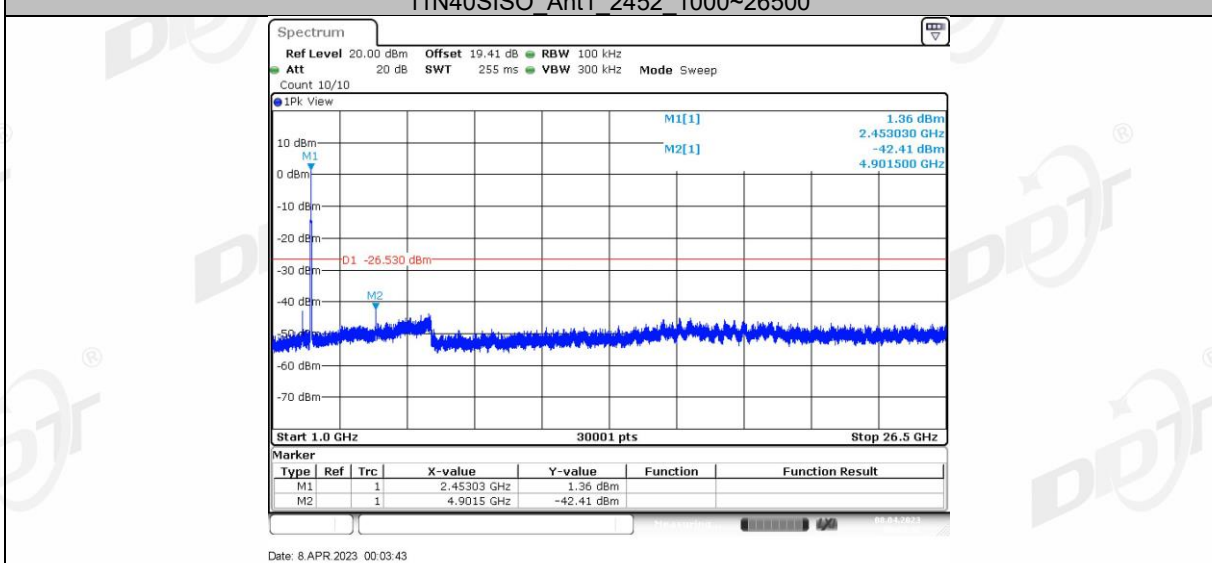
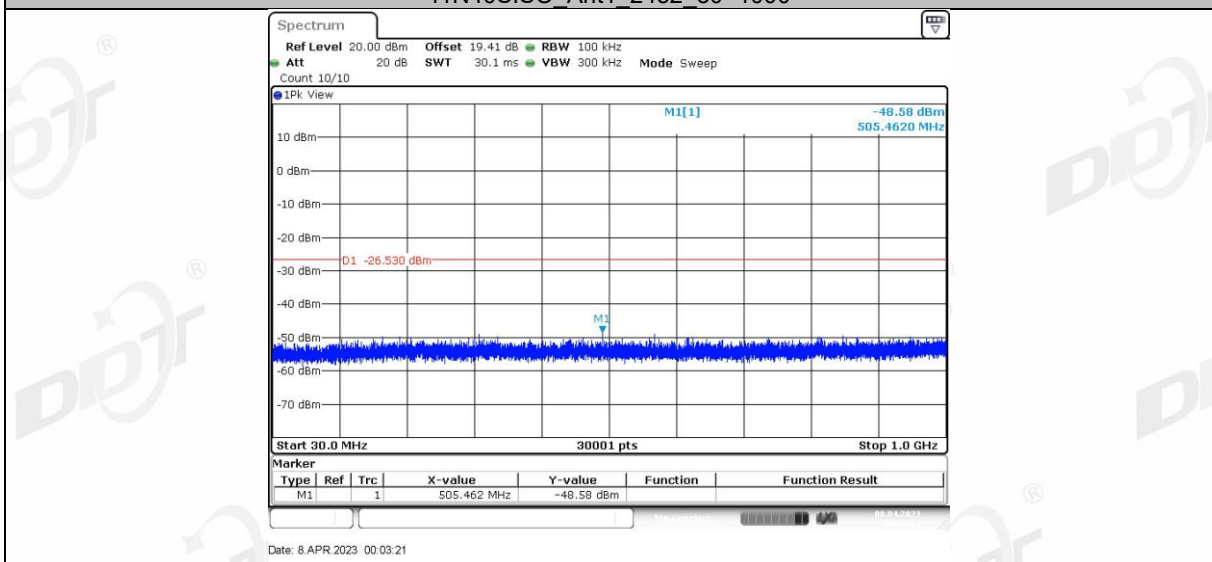
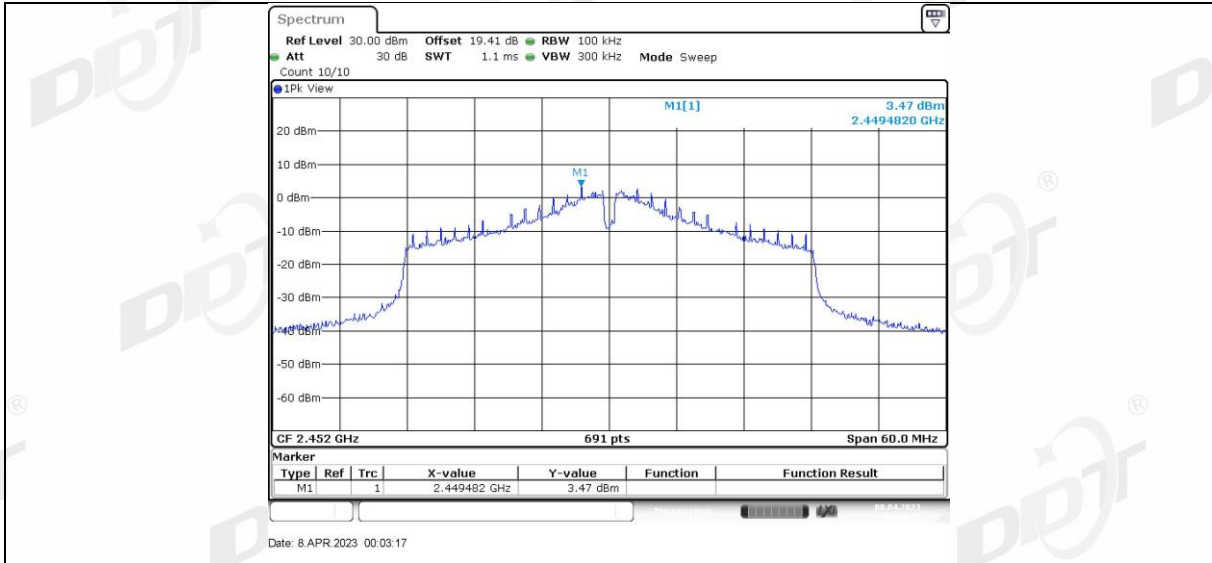


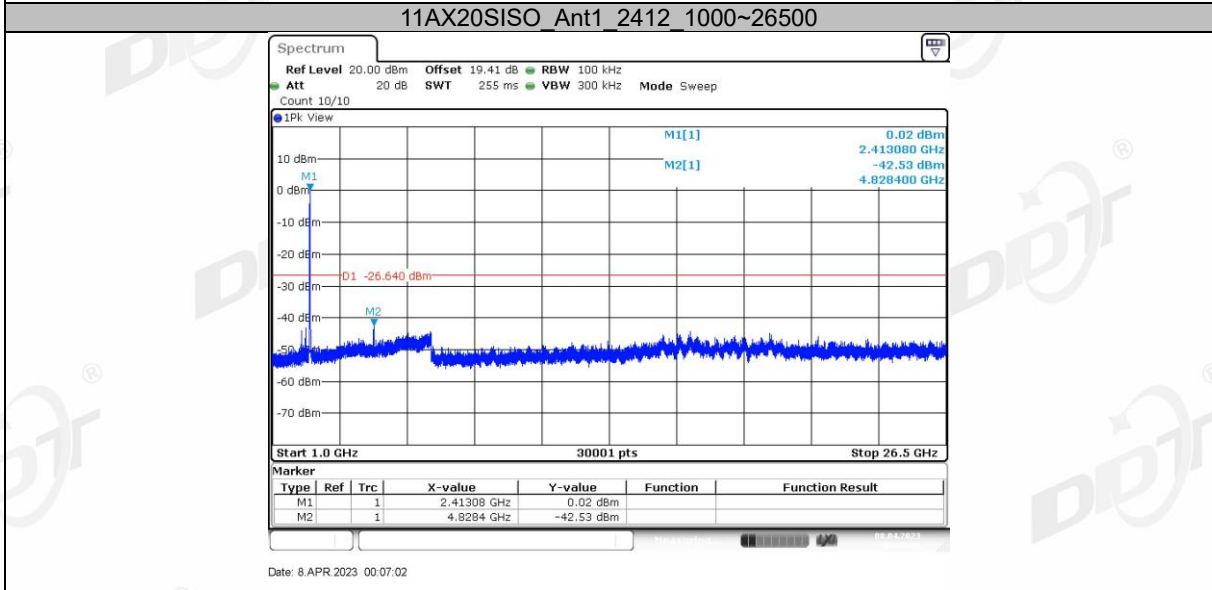
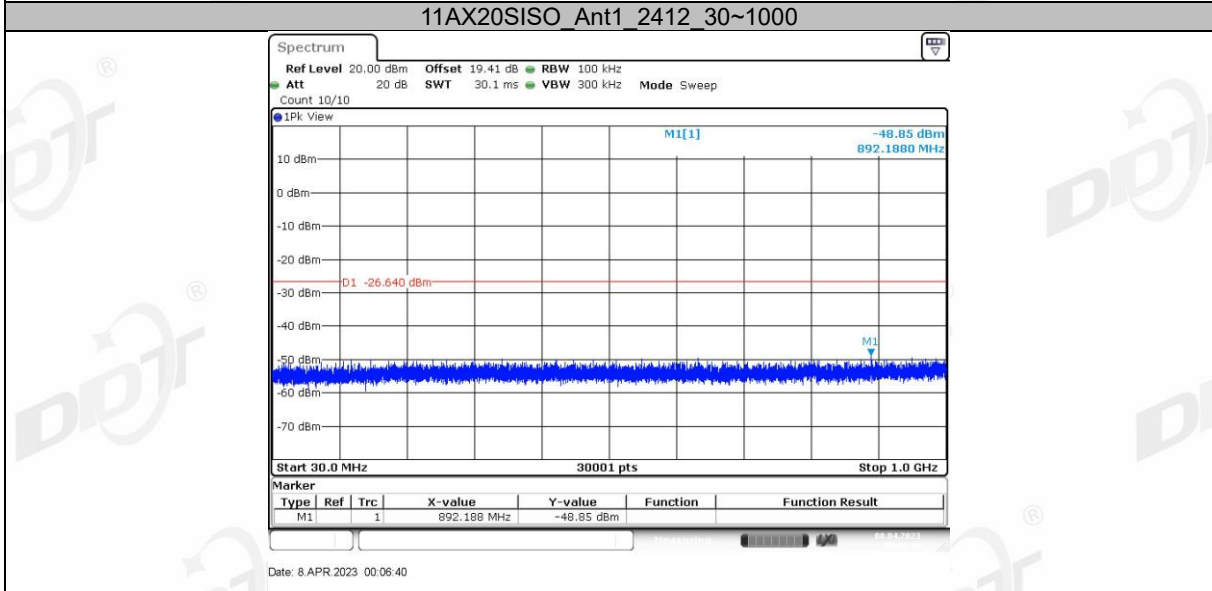


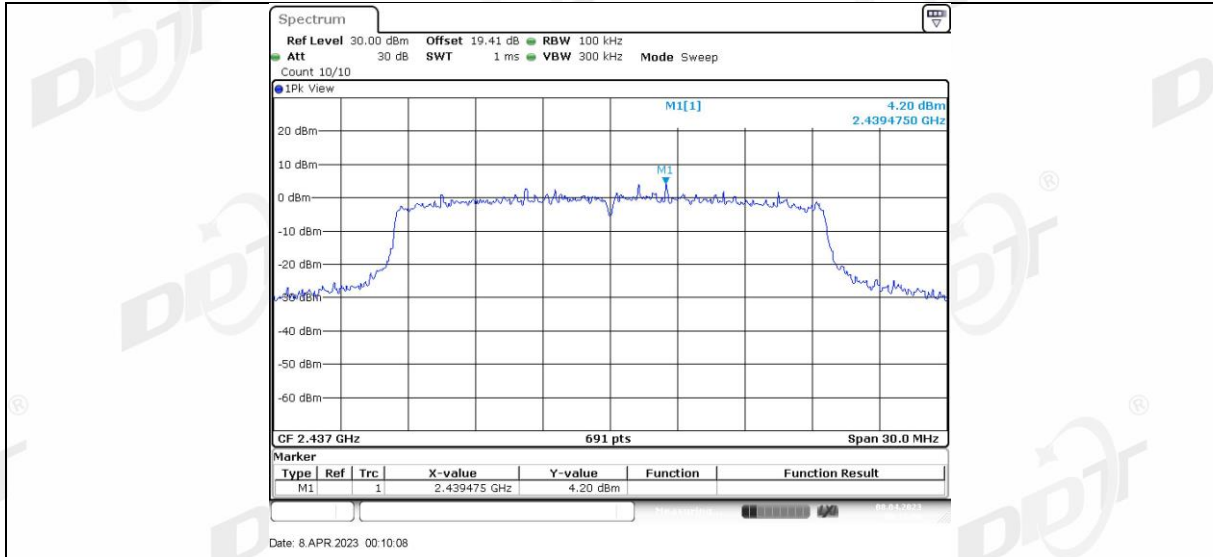




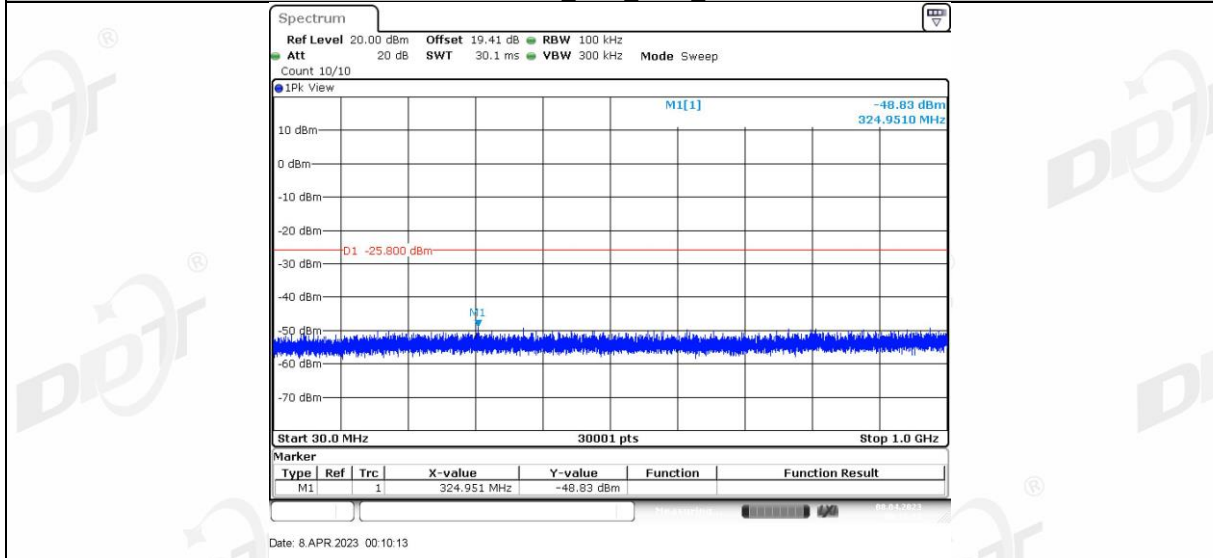




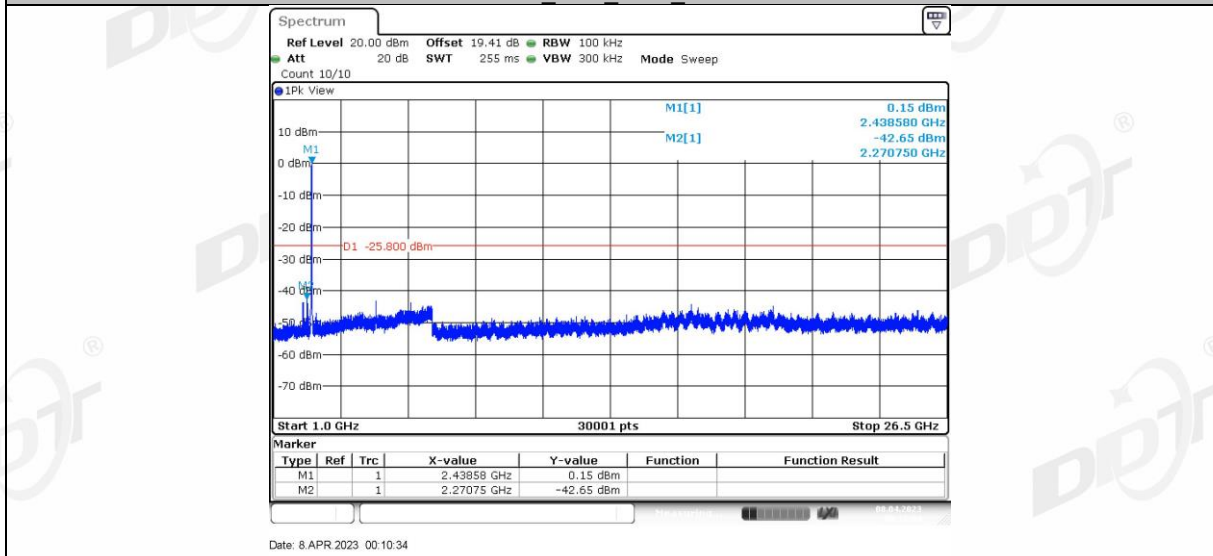




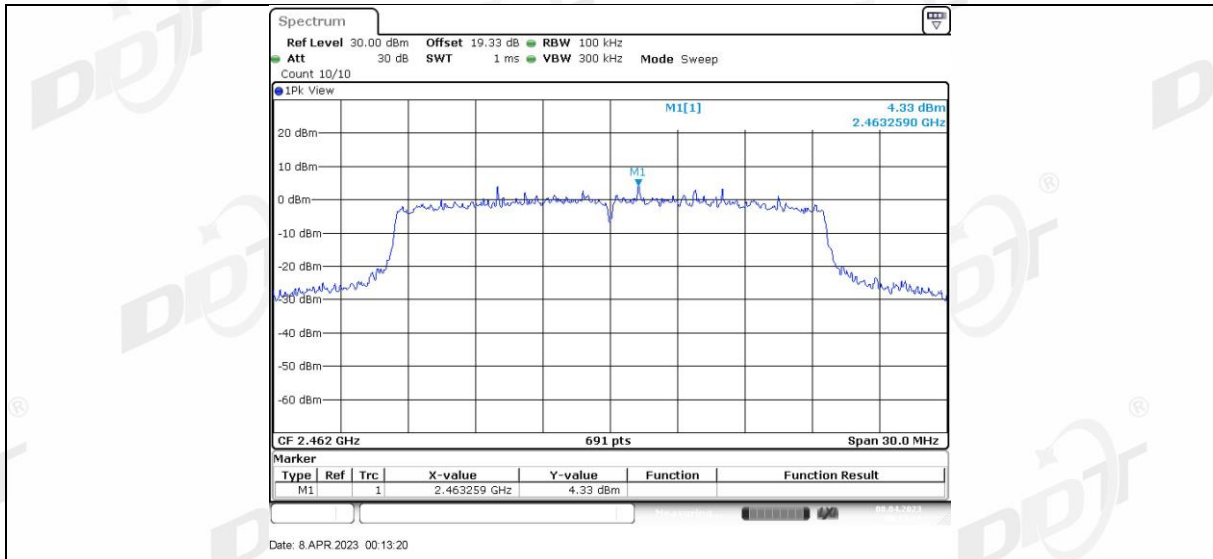
11AX20SISO Ant1 2437 30~1000



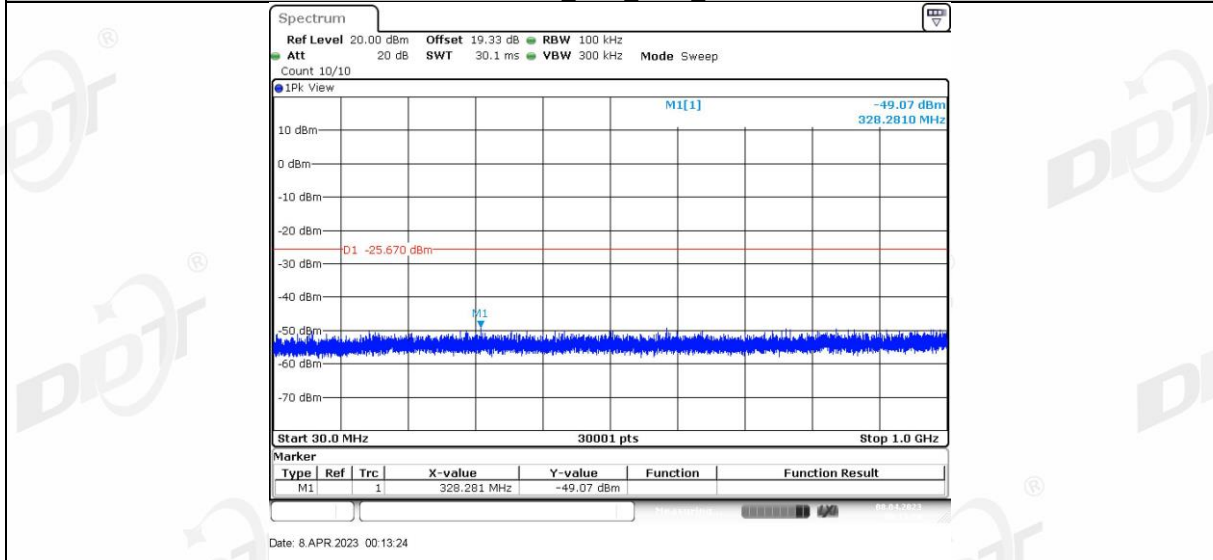
11AX20SISO Ant1 2437 1000~26500



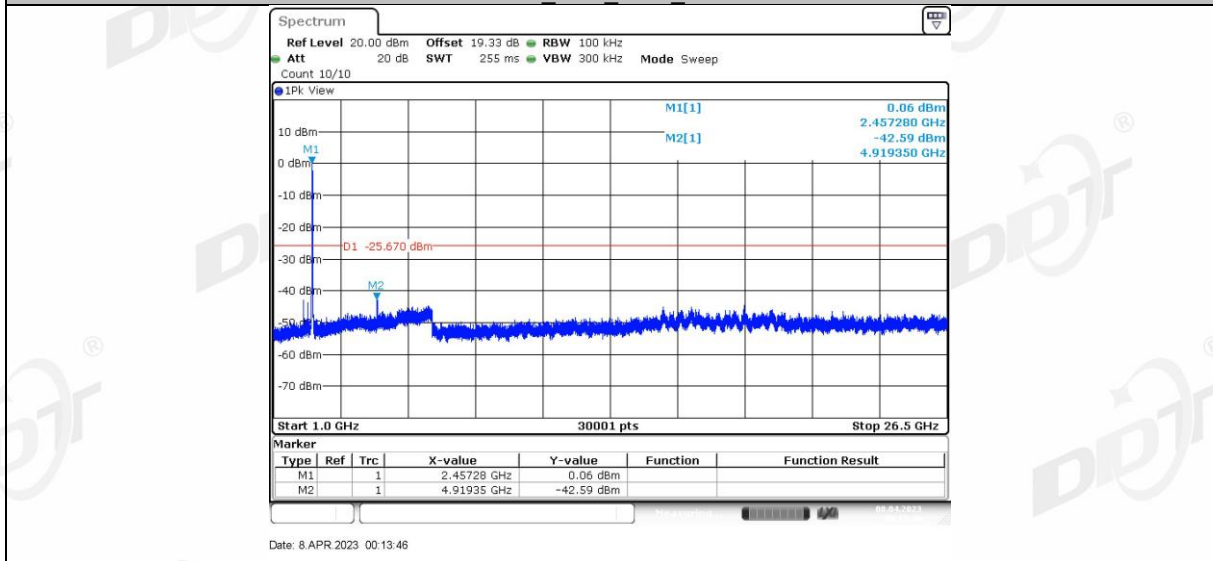
11AX20SISO Ant1 2462 0~Reference

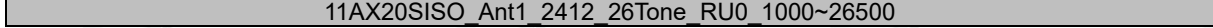
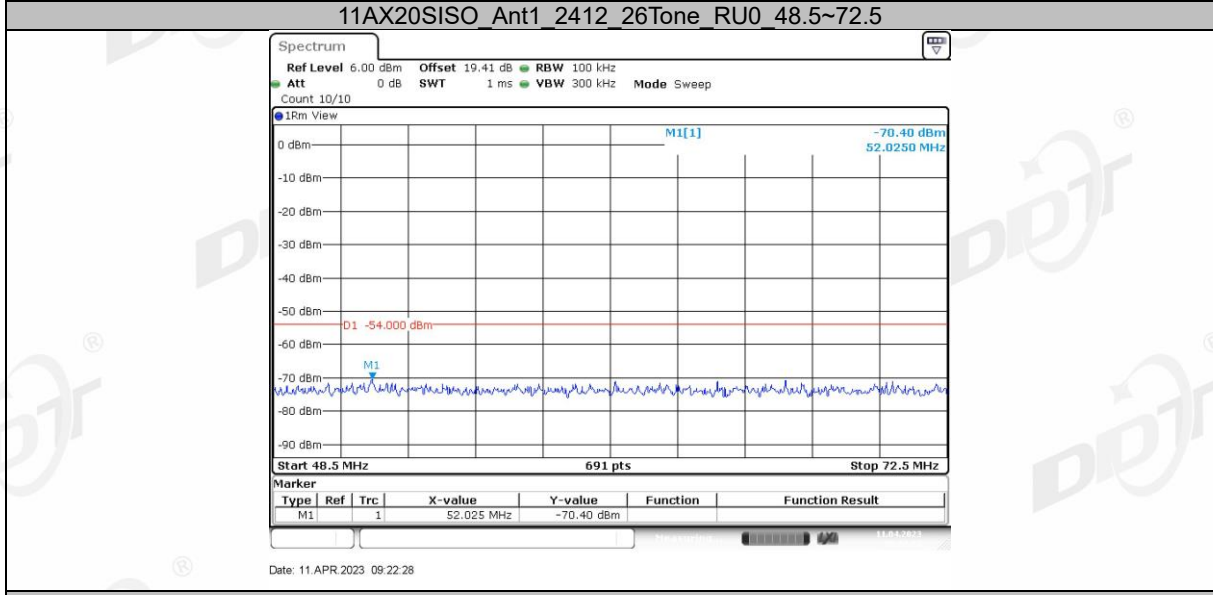
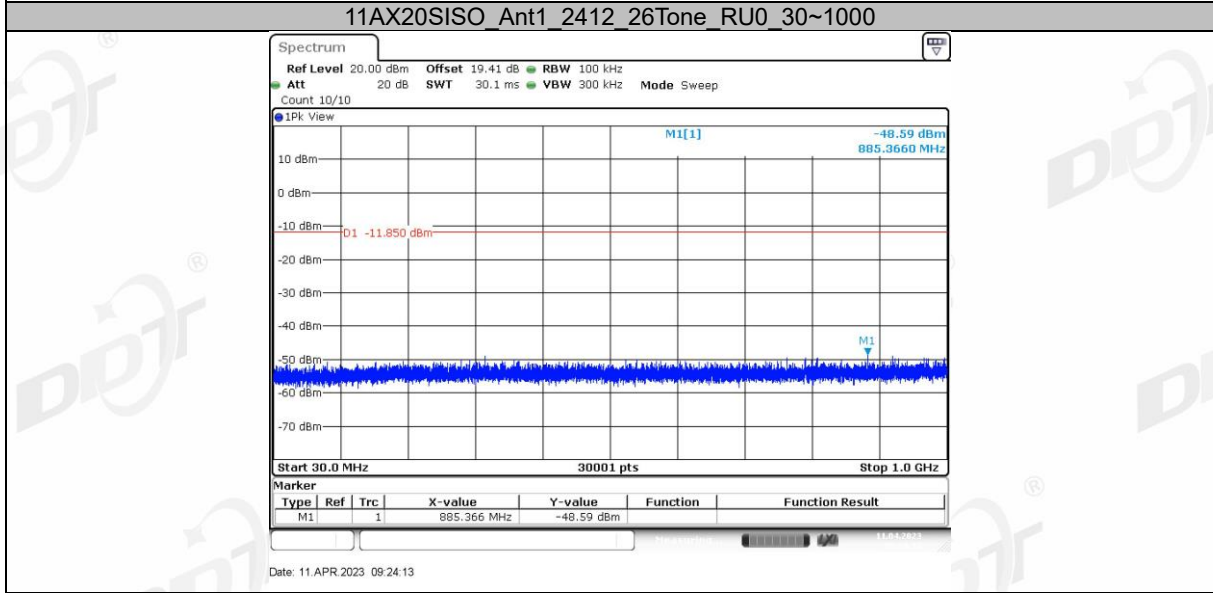
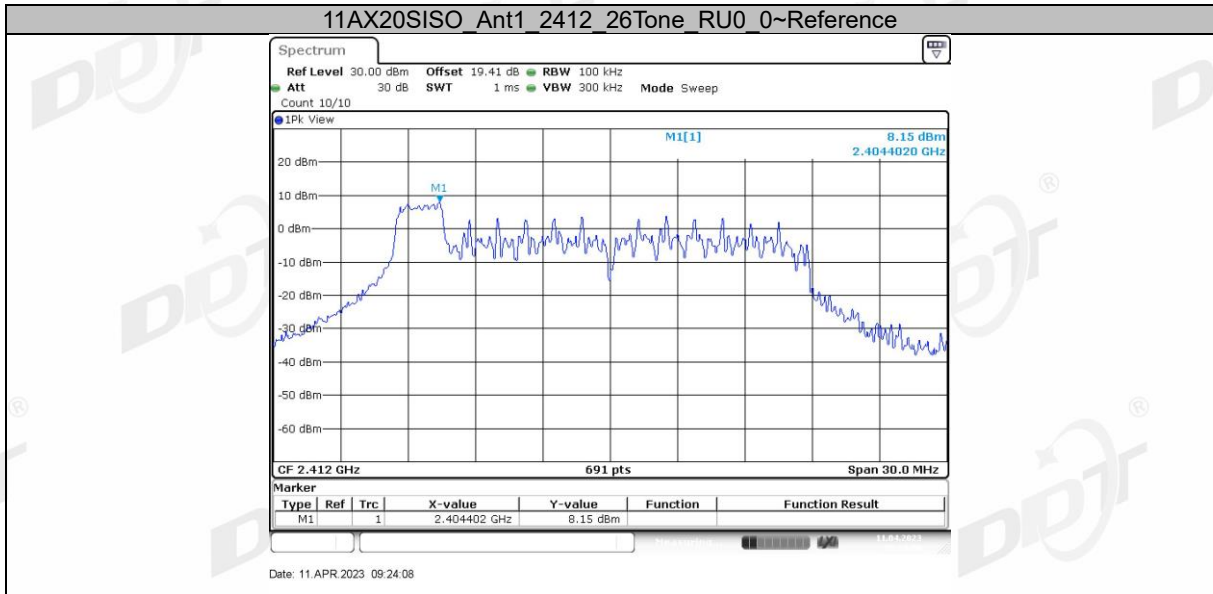


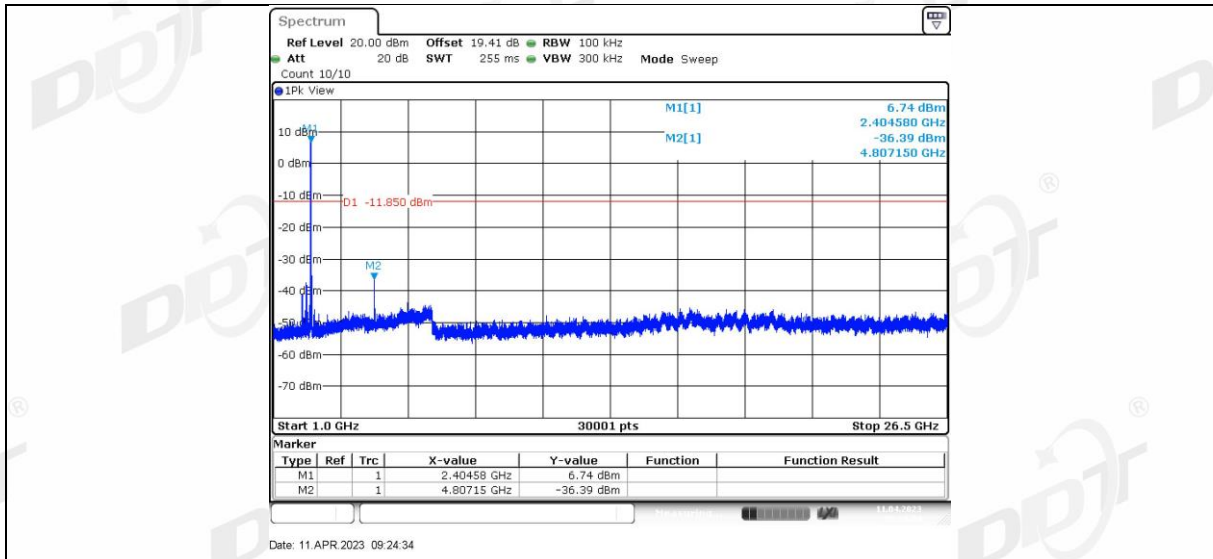
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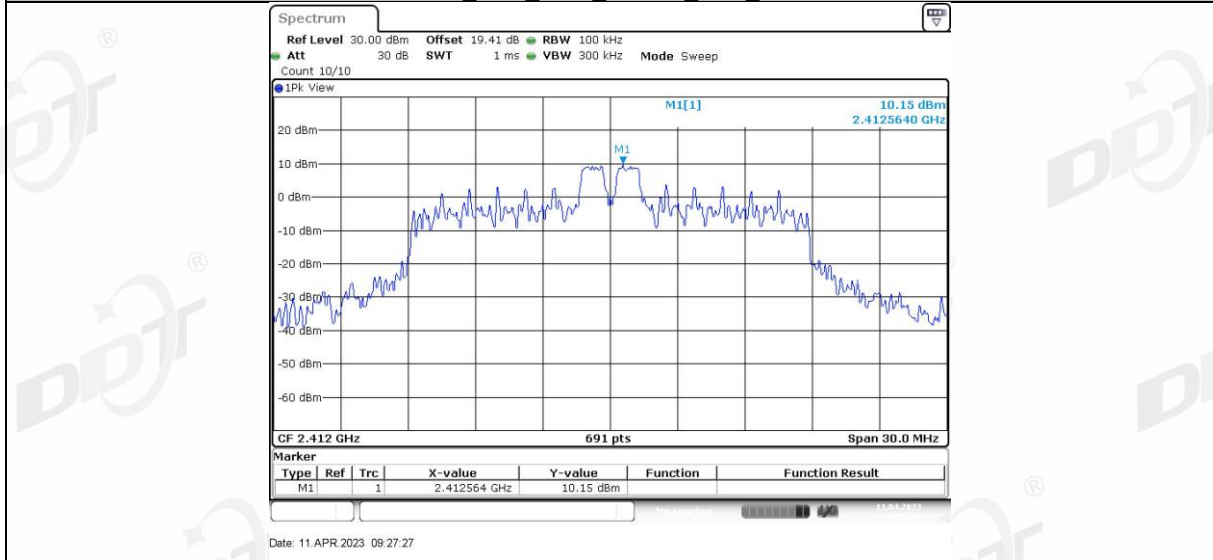
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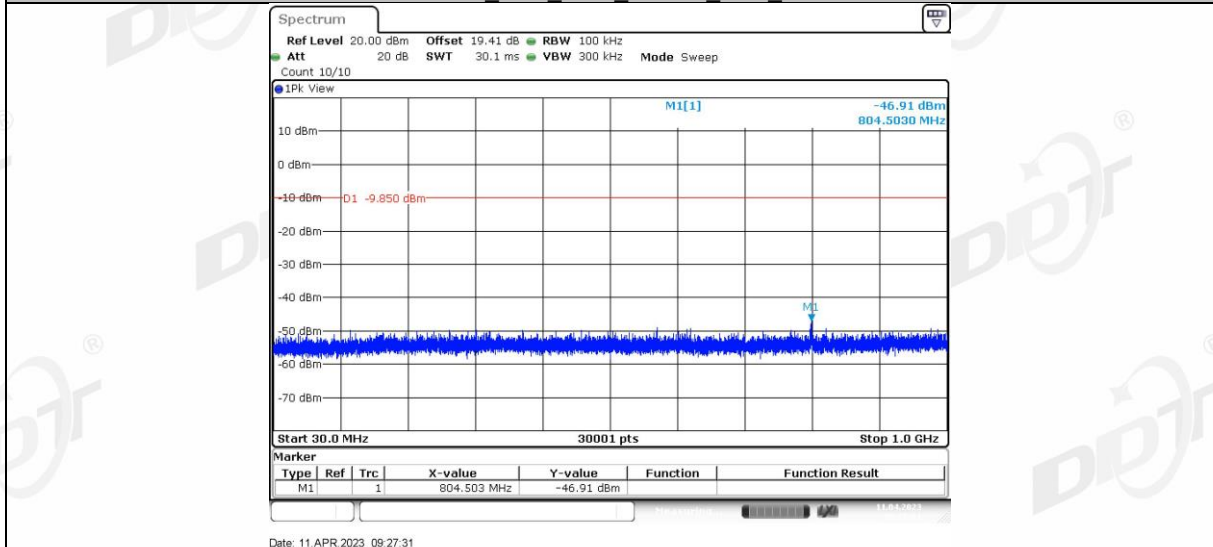




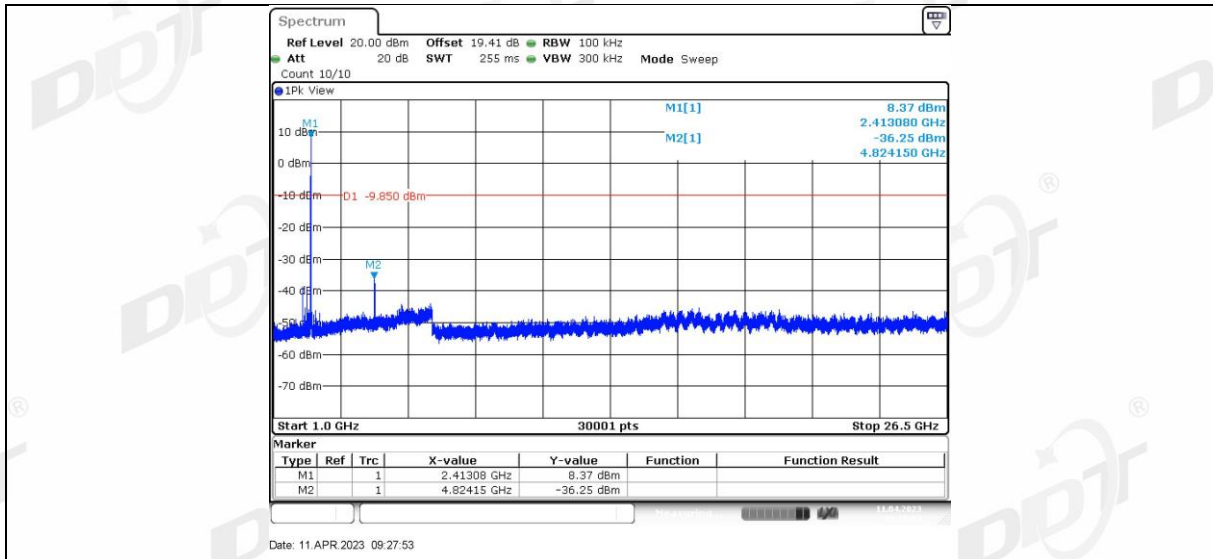
11AX20SISO Ant1 2412 26Tone RU4 0~Reference



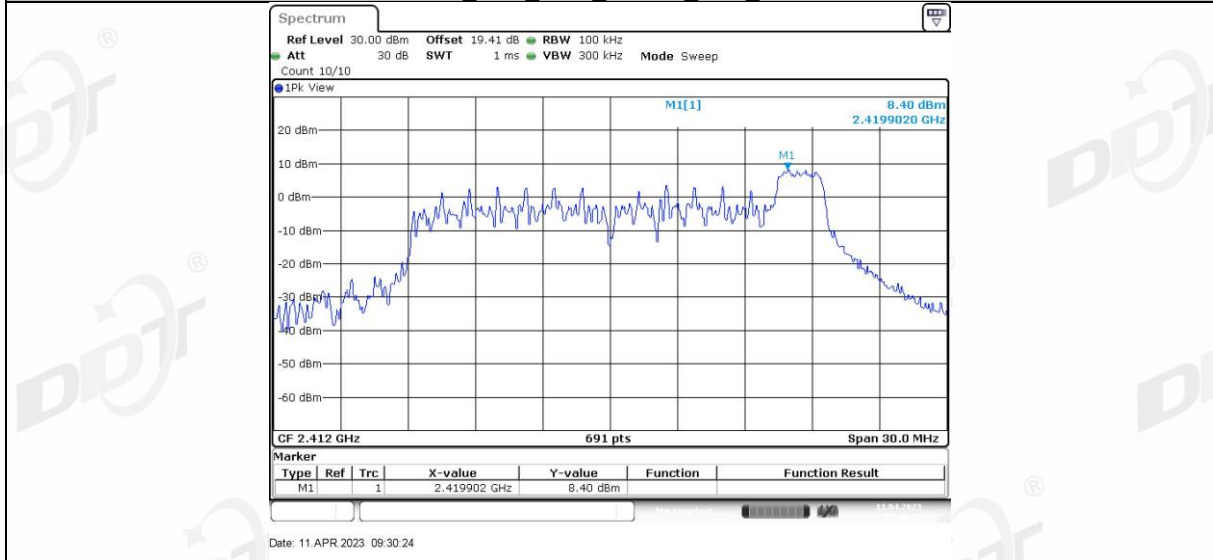
11AX20SISO Ant1 2412 26Tone RU4 30~1000



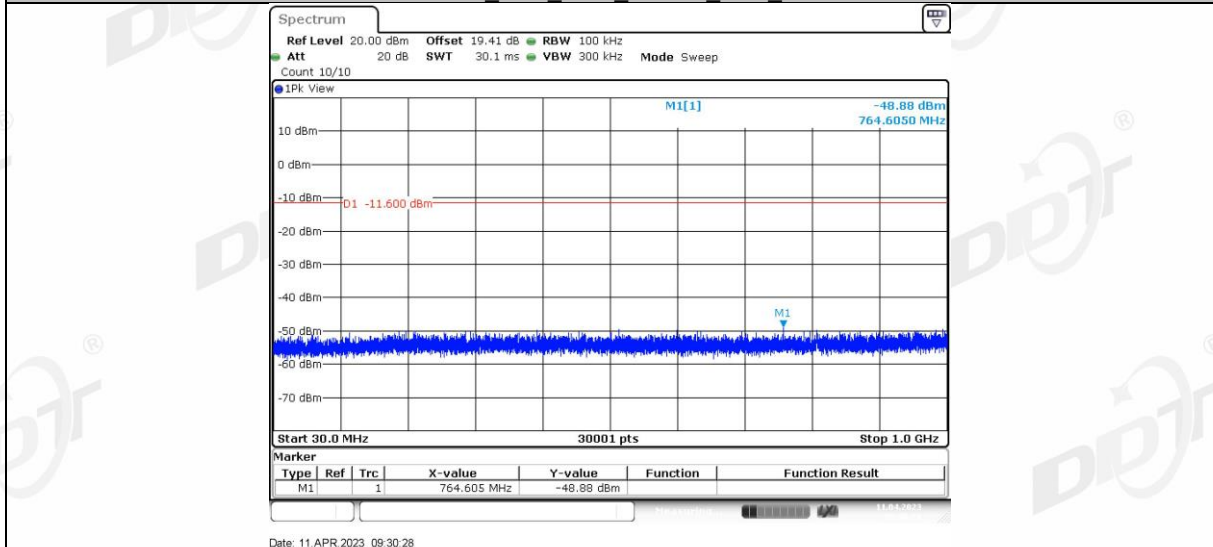
11AX20SISO Ant1 2412 26Tone RU4 1000~26500



11AX20SISO Ant1 2412 26Tone RU8 0~Reference



11AX20SISO Ant1 2412 26Tone RU8 30~1000



11AX20SISO Ant1 2412 26Tone RU8 1000~26500