



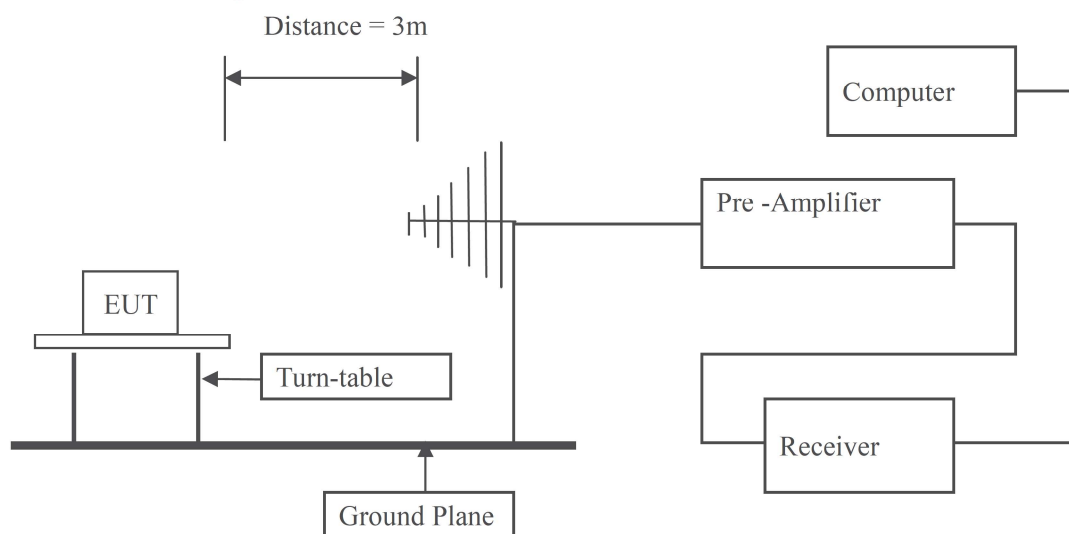
8.0 Deactivate Test

8.1 Requirement

Per 15.231(a) (1)

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

8.2 Radiated Test Setup



For the actual test configuration, please refer to the related items – Photos of Testing

The deactivation test was performed in the 3 meters chamber B test site, using the setup accordance with the ANSI C63.10-2013.

8.3 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The report refers only to the sample tested and does not apply to the bulk.

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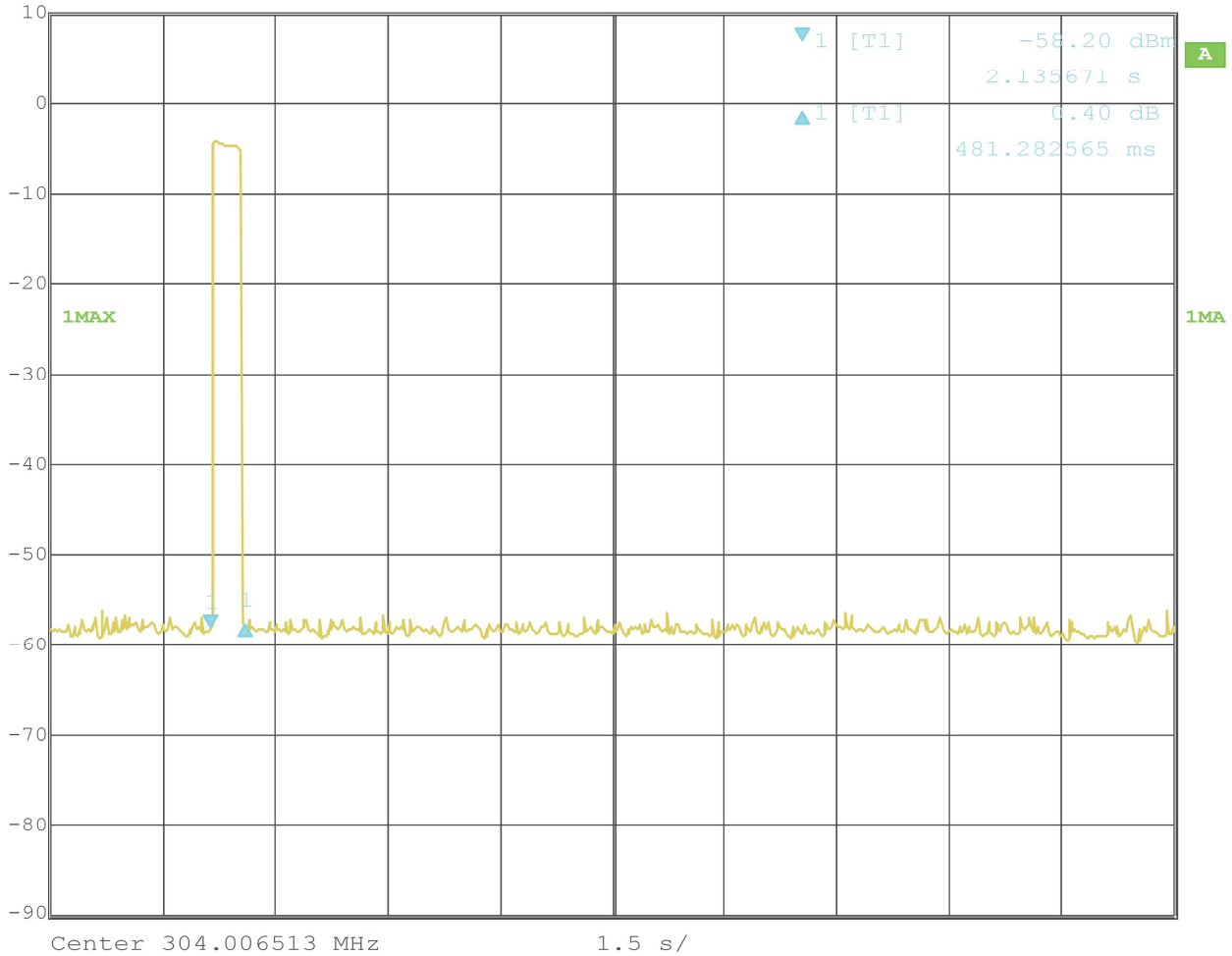


8.4 Test Data

Refer to attached plots:



	Delta 1 [T1]	RBW	30 kHz	RF Att	20 dB
Ref Lvl	0.40 dB	VBW	100 kHz		
10 dBm	481.282565 ms	SWT	15 s	Unit	dBm



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8.5 Test result

Pass

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9.0 Duty Cycle

9.1 Limit

No dedicated limit specified in the Rules

9.2 Test Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set center frequency of spectrum analyzer=operating frequency.
4. Set the spectrum analyzer as RBW = VBW=100kHz, Span=0Hz, Adjust Sweep=100ms.
5. Repeat above procedures until all frequency measured were complete.

9.3 Test Data

Base on the worst case

$$T_p = 51.623\text{ms}$$

$$T_{on1} = 0.321 * 29 = 9.309(\text{ms})$$

$$T_{on2} = 0.651 * 12 = 7.812(\text{ms})$$

$$\text{Duty cycle} = T_{on}/T_p = 17.121/51.623 = 0.3317 = 33.17\%$$

$$\text{Duty cycle factor} = 20 * \log(\text{duty cycle}) = 20 * \log(0.3317) = -9.59\text{dB}$$

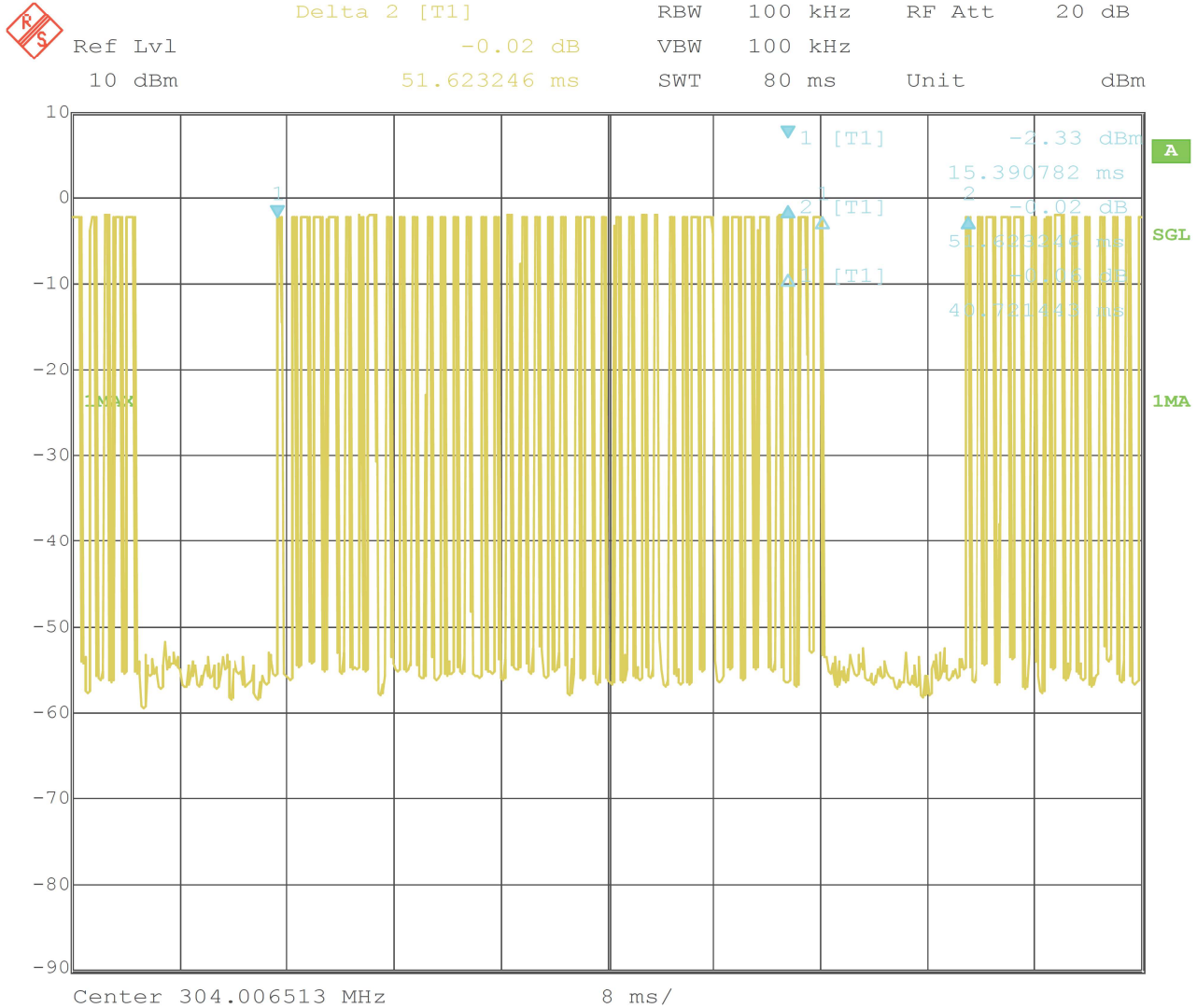
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Testing Plots:

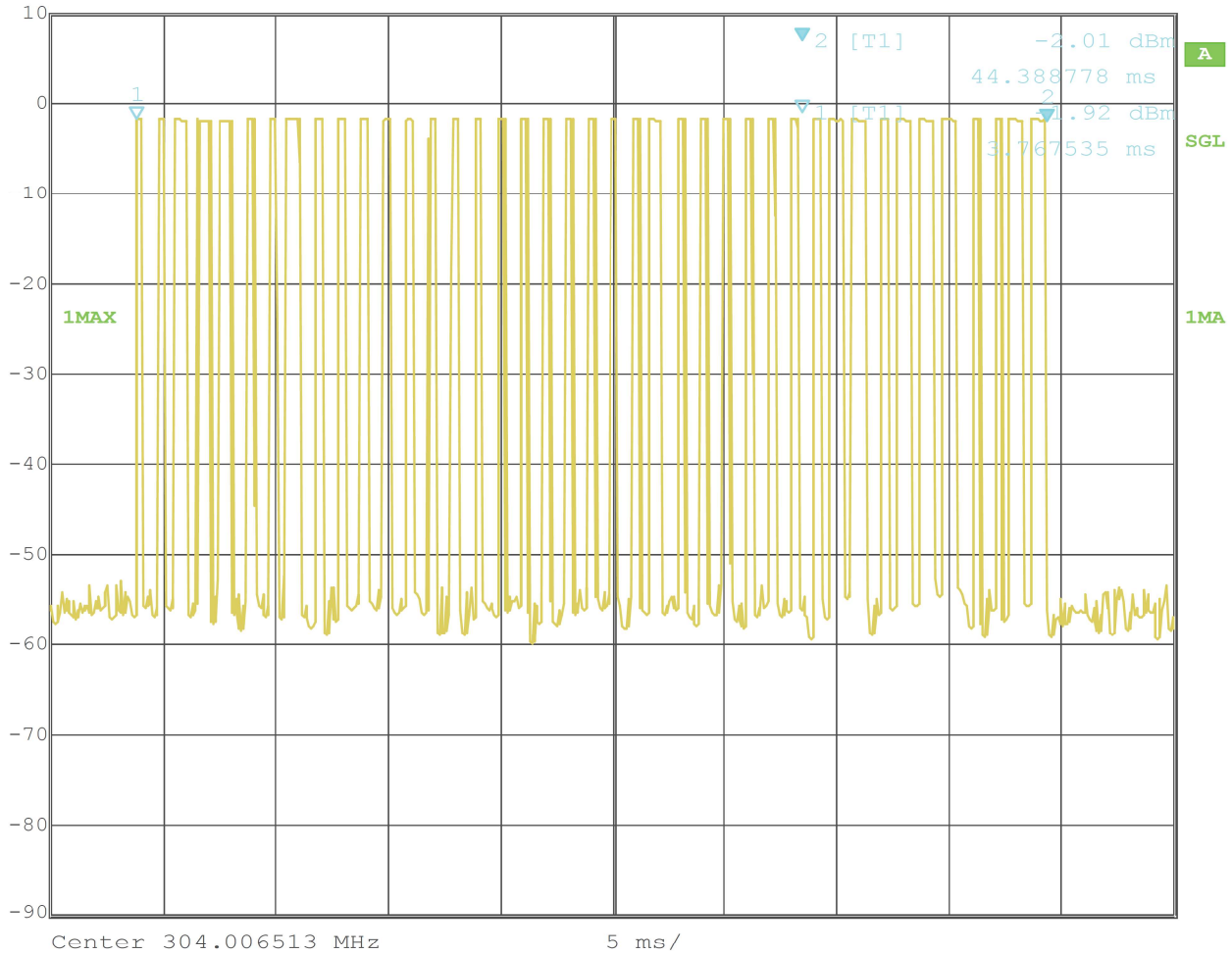


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Ref Lvl	10 dBm	Marker 2 [T1]	-2.01 dBm	RBW	100 kHz	RF Att	20 dB
			44.388778 ms	VBW	100 kHz	Unit	dBm
				SWT	50 ms		



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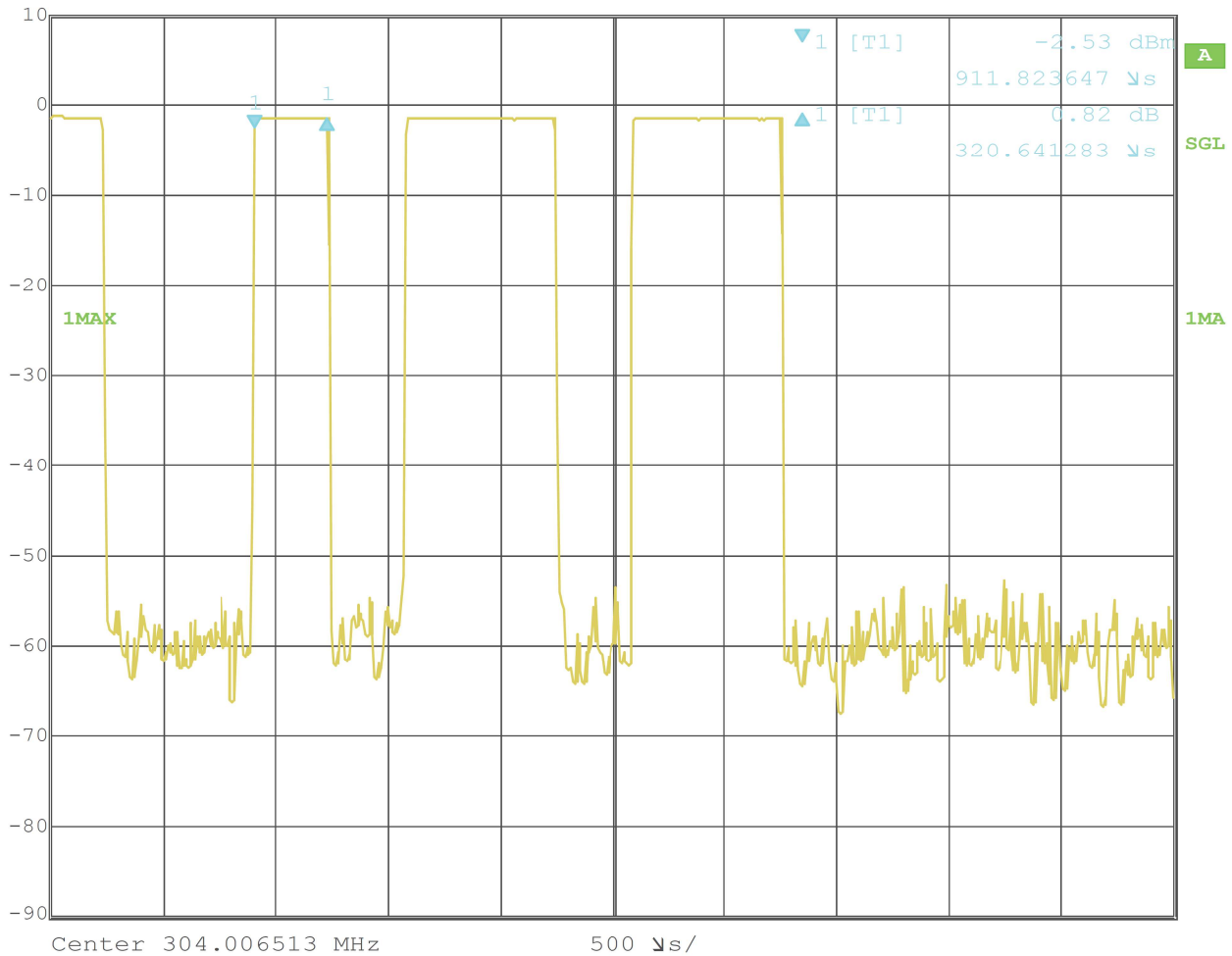
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T_{on1}



	Delta 1 [T1]	RBW	100 kHz	RF Att	20 dB
Ref Lvl	0.82 dB	VBW	100 kHz		
10 dBm	320.641283 μ s	SWT	5 ms	Unit	dBm



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