

**TEST REPORT**  
of the accredited test laboratory

TÜV Nr.:M/FG-15/161

**Applicant:** AKG Acoustics GmbH  
Laxenburger Straße 254  
A – 1230 Wien

**Tested Product:** Pocket wireless microphone transmitter

**FCC-ID:** V3TPT4025M

**IC-ID:** N/A

**Manufacturer:** AKG Acoustics GmbH  
Laxenburger Straße 254  
A – 1230 Wien

**Output power:** 10mW erp      **power supply:** 1,5 VDC

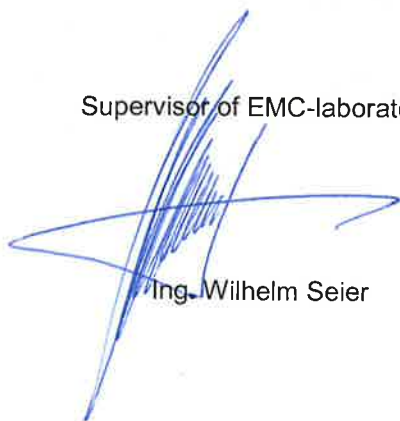
**Frequency range:** 537,5 – 540,4 MHz      **Channel separation:** N/A  
"Band US25"

**ITU designator:** 126KF3E      **Declared channel bandwidth:** 200 kHz

**Standard:** FCC: 47 CFR Part 74 (October 1, 2014 edition)  
RSS-123 Issue 3, February 5, 2015

TÜV AUSTRIA SERVICES GMBH  
Test laboratory for EMC

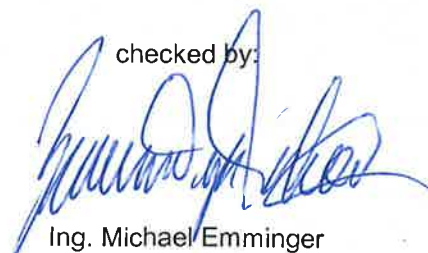
Supervisor of EMC-laboratory:

  
Ing. Wilhelm Seier

08.10.2015

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checked by:

  
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Nachrichtentechnik / EMV

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IC 2932K-1**Vorsitzender des**  
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The results of this test report only refer to the provided equipment.

## LIST OF MEASUREMENTS

The complete list of measurements called for in 47 CFR 74 and RSS-123 is given below.

SUBCLAUSE	PARAMETER TO BE MEASURED	PAGE
	Intentional Radiators	
	Test object data	3
74.861(e)(1) (6.2)	RF Power Output (erp)	4
74.861(e)(4) (7)	Frequency tolerance	5-6
74.861(e)(5) (6.3)	Operating bandwidth	7-22
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## TEST OBJECT DATA

### General EUT Description

This digital audio transmitter will be used as a handheld wireless microphone. It has no antenna connector, so all technical data were measured radiated.

2.1033 (c) Technical description

2.1033 (4) Type of emission: 126KF3E single channel equipment

2.1033 (5) Frequency range: 537,5 / 537,9 / 539,3 / 540,4 MHz (four fixed frequencies)

2.1033 (6) Power range and Controls: fixed output power: 10 mW.

2.1033 (7) Maximum output power rating: 10mW erp.

2.1033 (8) DC Voltage and Current: 1,5 V nominal 1V minimum (1 AA Cell)  
maximum current consumption: 110 mA

RSS-135 This standard does not apply to:

- 1.1.(a) a receiver that scans radio frequencies for the purpose of enabling its associated transmitter to avoid transmitting in an occupied frequency but which does not have the capability of decoding the message (e.g. converting it to audio voice) contained in the radio signal

Tests were performed Sept 14<sup>th</sup> till 17<sup>th</sup> 2015.

**Power Output**

**§ 74.261(e)(1)  
(6.2)**

Radiated Measurement

Rated output power: 10 mW

Test conditions		Transmitter power (mW) (erp)			
		537,5 MHz	537,9 MHz	539,3 MHz	540,4 MHz
T <sub>nom</sub> ( 23 )°C	V <sub>nom</sub> (1,5)V	8,32	6,76	7,08	6,46
Maximum deviation from rated output power under normal test conditions (dB)		-16,8	-32,4	-29,2	-35,4
Measurement uncertainty		± 0,75 dB			

**LIMIT**

**SUBCLAUSE 74.261 (e)(1)(ii) (Table 1 of RSS-123)**

Under normal test conditons	250 mW
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Test Equipment used: NT-100; NT-110; NT-111; NT-112; NT-125; NT-126; NT-150; NT-207; NT-500; NT-520; NT-550

**Frequency tolerance**

**§ 74.261 (e)(4)  
(7)**

Frequency error vs. Supply voltage

DC-Voltage	Frequency Error kHz				Frequency Error ppm			
	537,5 MHz	537,9 MHz	539,3 MHz	540,4 MHz	537,5 MHz	537,9 MHz	539,3 MHz	540,4 MHz
1,5 V	-2,12	0,70	-0,75	-0,10	-3,95	1,30	-1,39	-0,19
1 V	-1,60	0,70	-0,70	0,00	-2,98	1,30	-1,30	0,00

Frequency error vs. Temperature

Temperature °C	Frequency Error kHz				Frequency Error ppm			
	537,5 MHz	537,9 MHz	539,3 MHz	540,4 MHz	537,5 MHz	537,9 MHz	539,3 MHz	540,4 MHz
-30	-3,47	-1,40	-4,19	-2,00	-6,47	-2,60	-7,76	-3,70
-20	-0,35	1,65	-0,60	0,61	-0,65	3,07	-1,11	1,13
-10	0,93	2,71	0,49	1,83	1,72	5,04	0,90	3,38
±0	1,60	2,97	0,69	2,05	2,98	5,53	1,27	3,79
+10	-0,71	2,05	0,24	1,65	-1,33	3,81	0,44	3,05
+20	-2,12	0,70	-0,75	-0,10	-3,95	1,30	-1,39	-0,19
+30	-2,79	-0,92	-2,10	-1,56	-5,19	-1,72	-3,89	-2,89
+40	-3,59	-2,25	-3,38	-2,45	-6,67	-4,18	-6,26	-4,53
+50	-4,19	-3,38	-4,09	-3,04	-7,79	-6,27	-7,58	-5,62

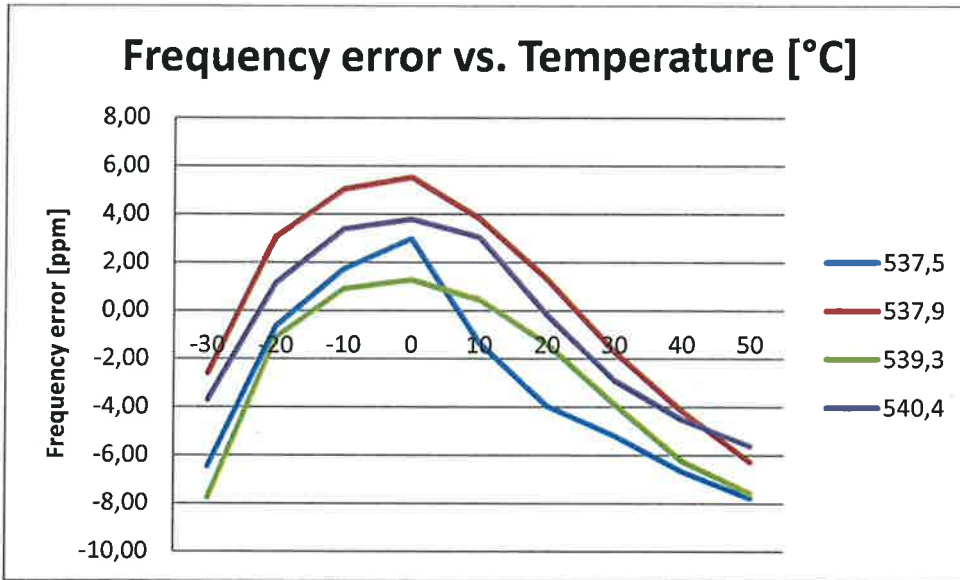
**LIMIT**

**SUBCLAUSE 74.261 (e)(4) (Table 1 of RSS-123)**

The frequency tolerance of the transmitter shall be 0.005 percent. = 50 ppm

**Frequency tolerance**

§ 74.261 (e)(4)  
(7)



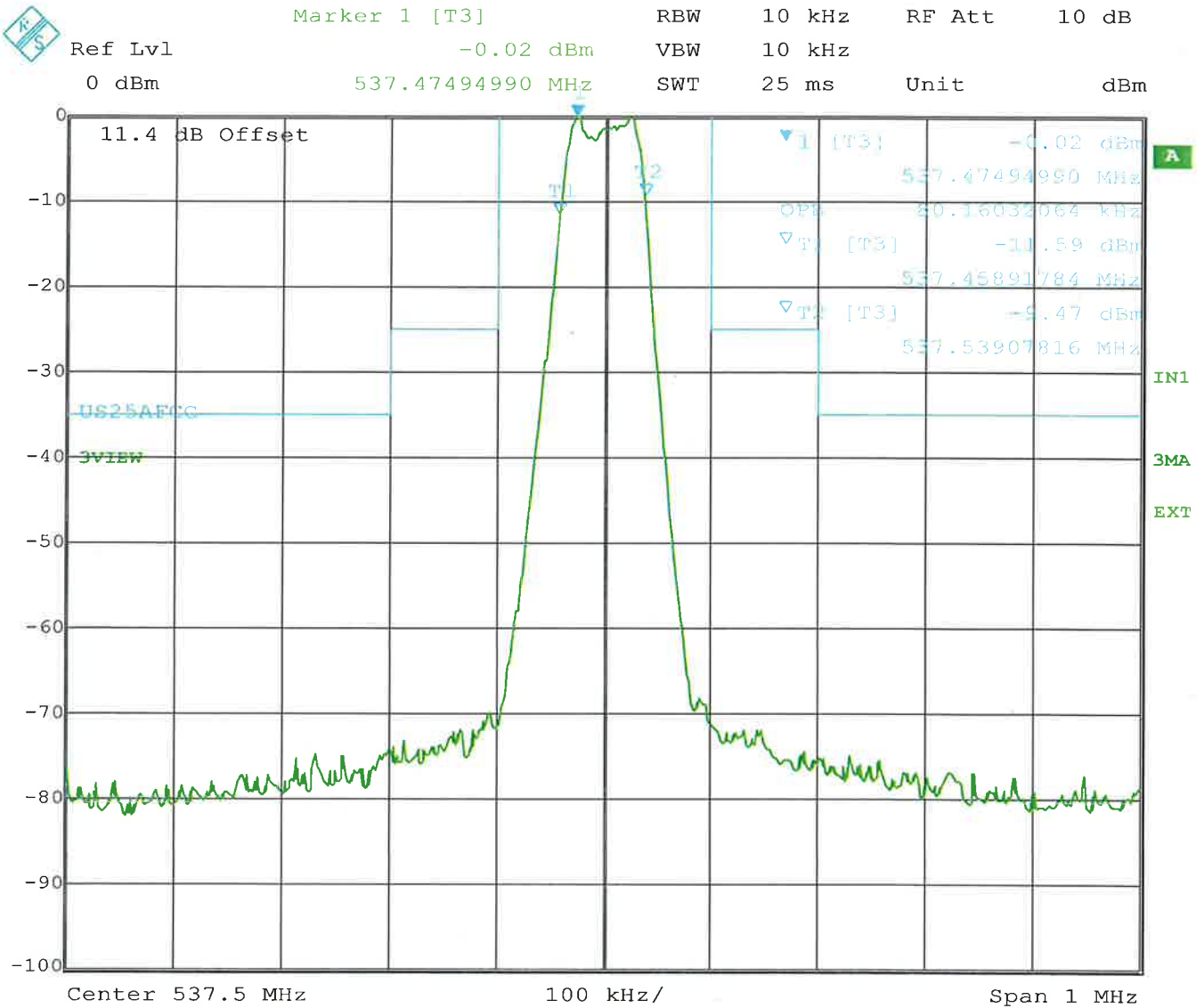
Test Equipment used: NT-203/1, M-1200

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 1 kHz @ 537,5 MHz



Date: 16.SEP.2015 15:28:26

Measured bandwidth is: 80,16 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

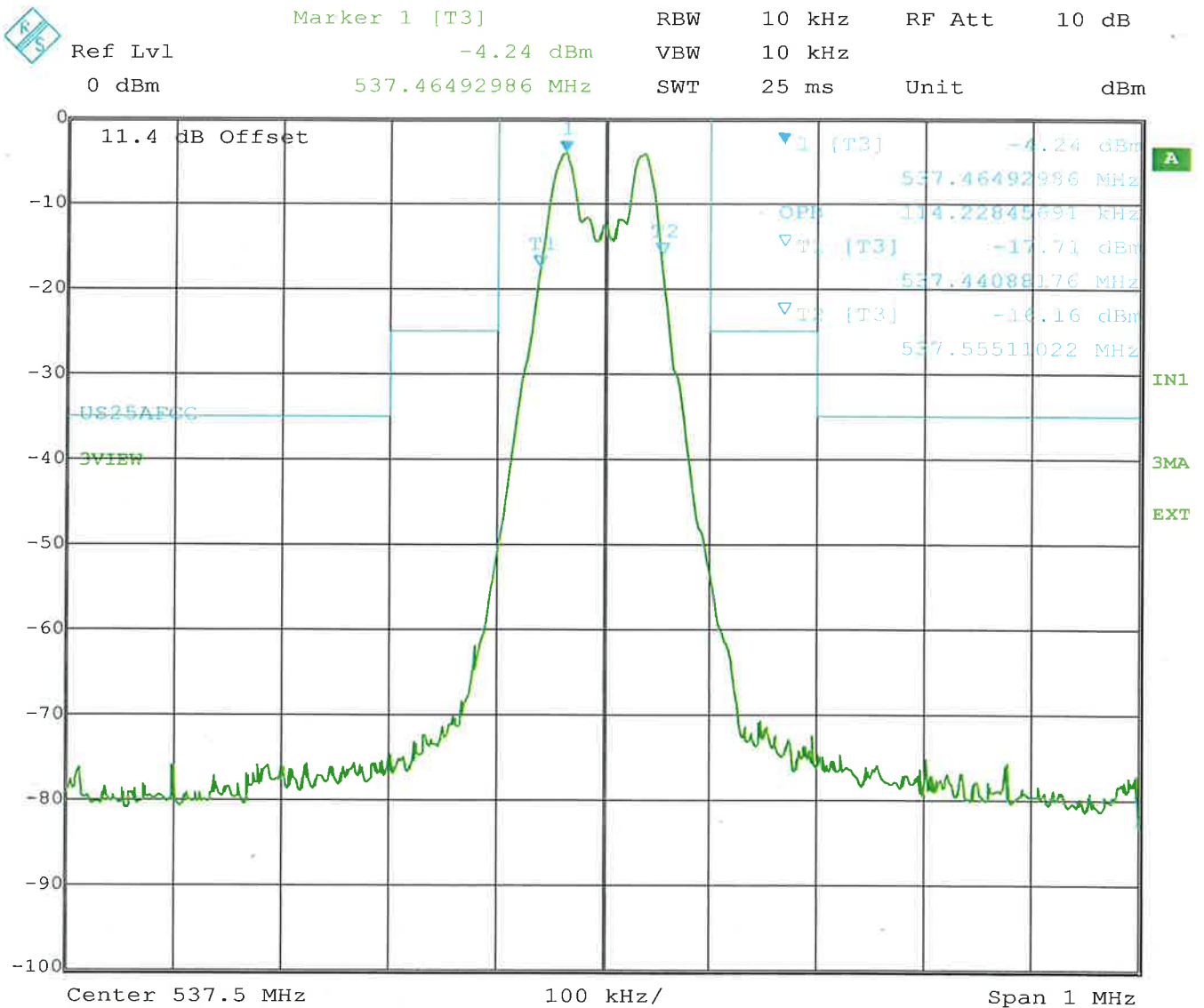
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 7,5 kHz @ 537,5 MHz



Date: 16.SEP.2015 15:28:45

Measured bandwidth is: 114,23 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

TEST EQUIPMENT USED: NT-207

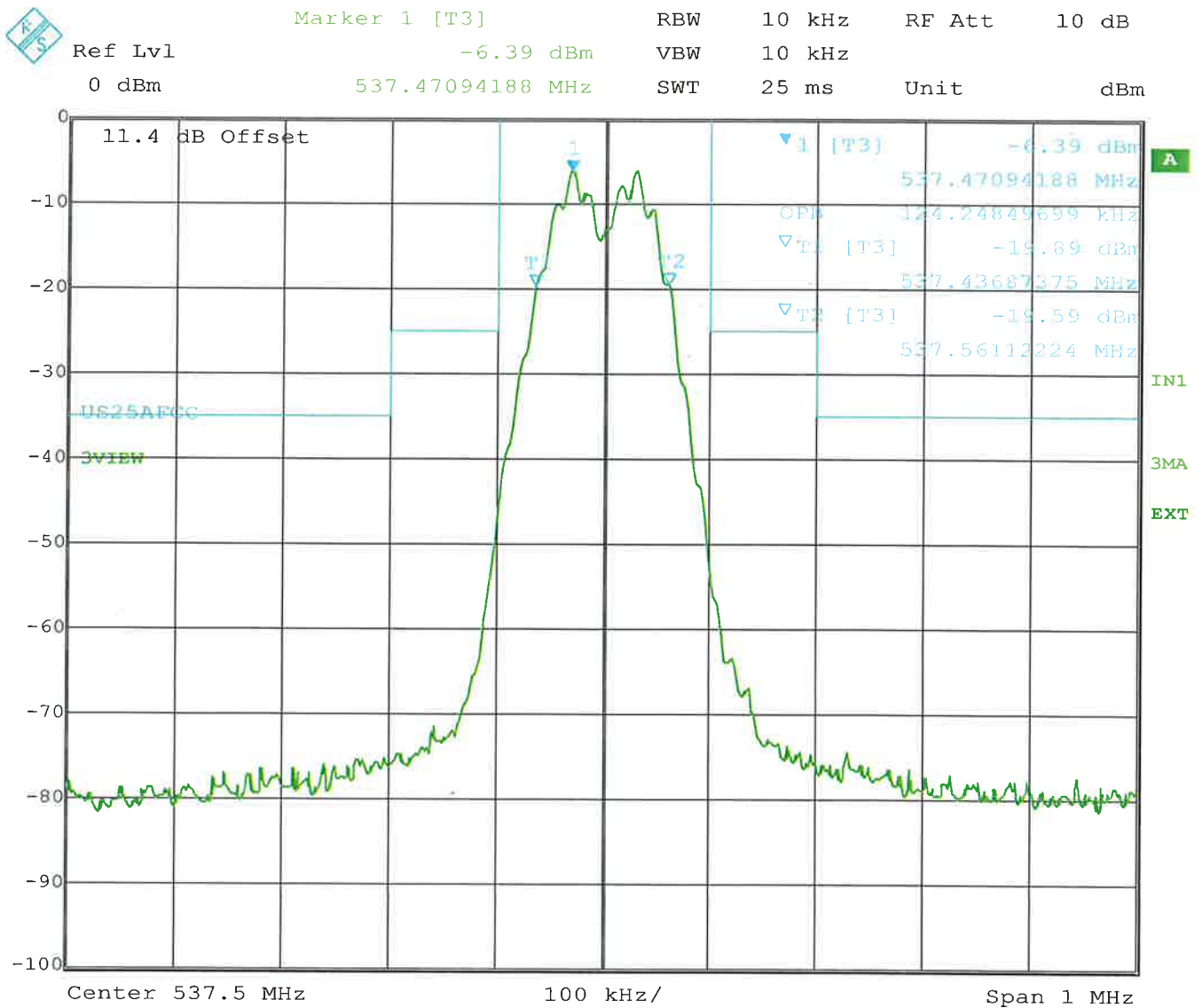


**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 15 kHz @ 537,5 MHz



Date: 16.SEP.2015 15:29:03

Measured bandwidth is: 124,25 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

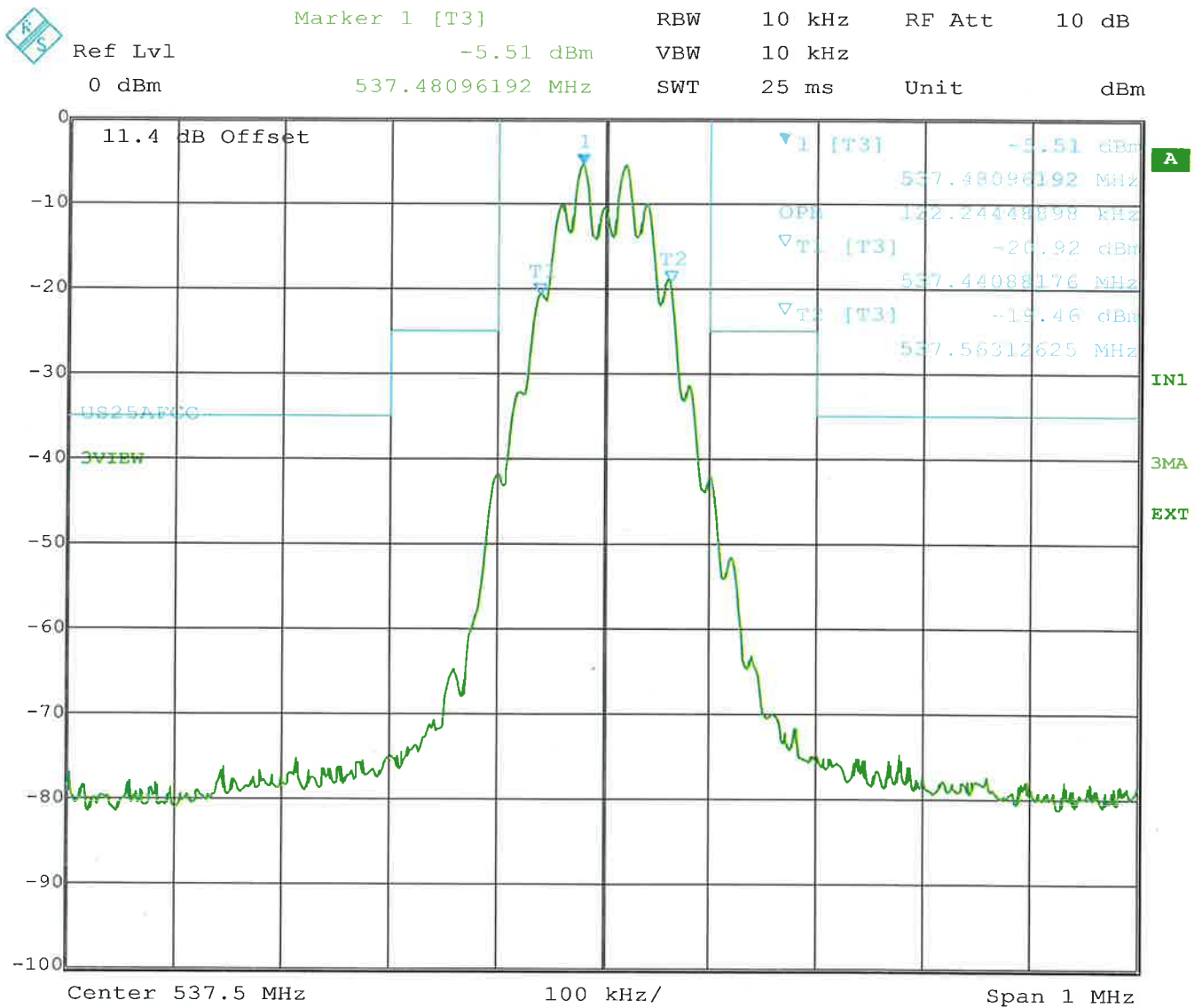
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 20 kHz @ 537,5 MHz



Date: 16.SEP.2015 15:29:21

Measured bandwidth is: 122,25 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

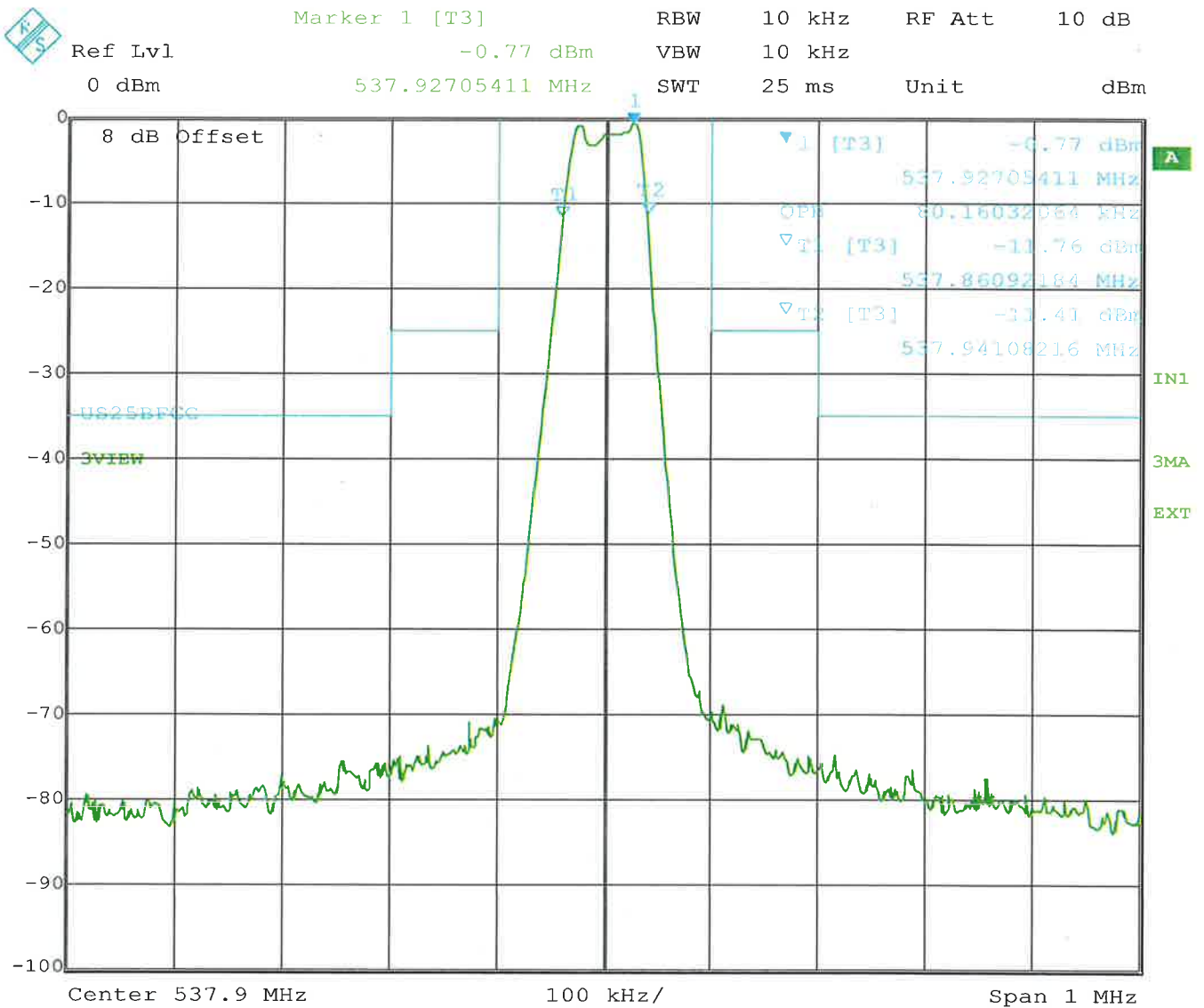
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 1 kHz @ 537,9 MHz



Date: 16.SEP.2015 15:21:31

Measured bandwidth is: 80,16 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

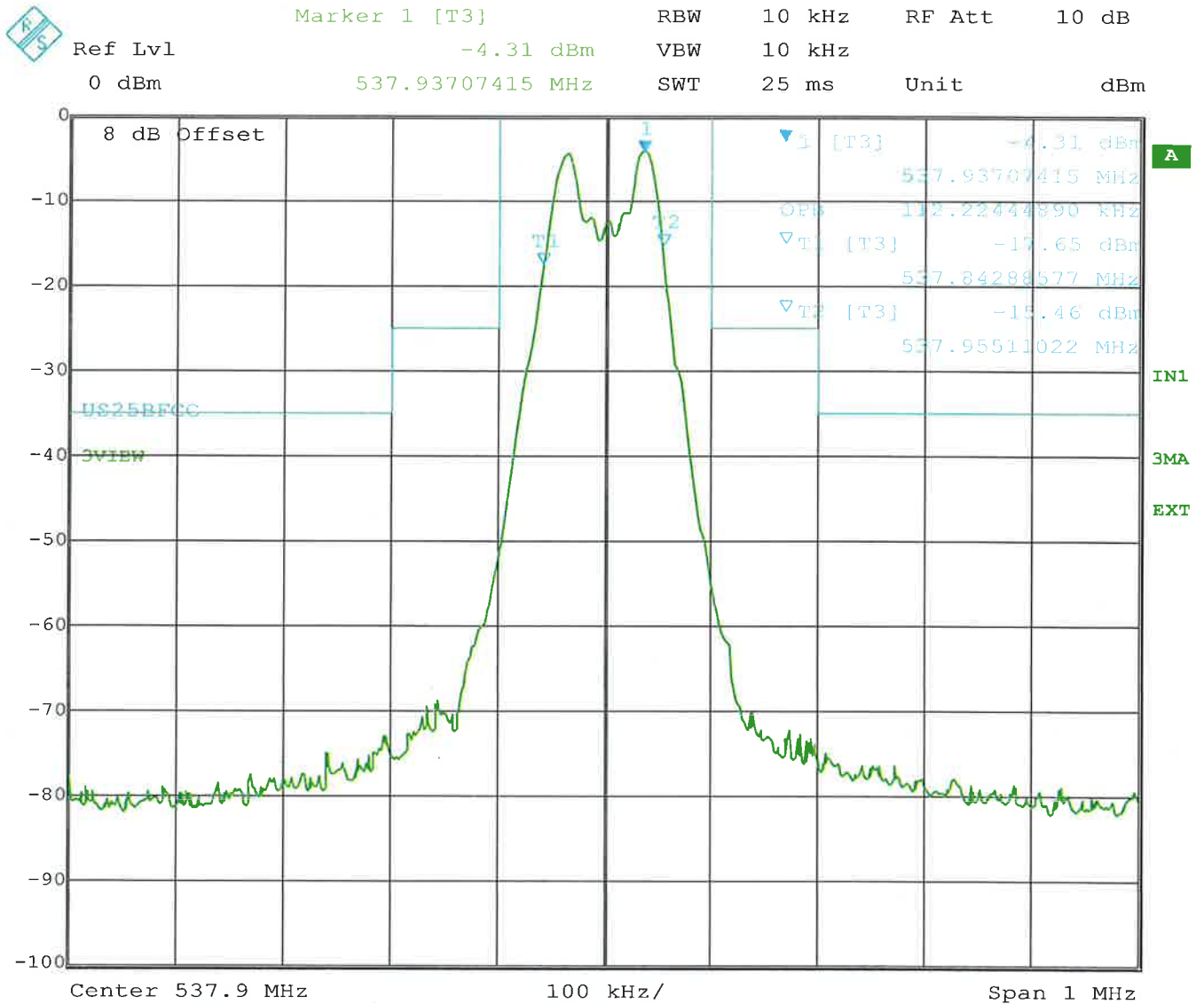
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 7,5 kHz @ 537,9 MHz



Date: 16.SEP.2015 15:21:50

Measured bandwidth is: 112,22 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

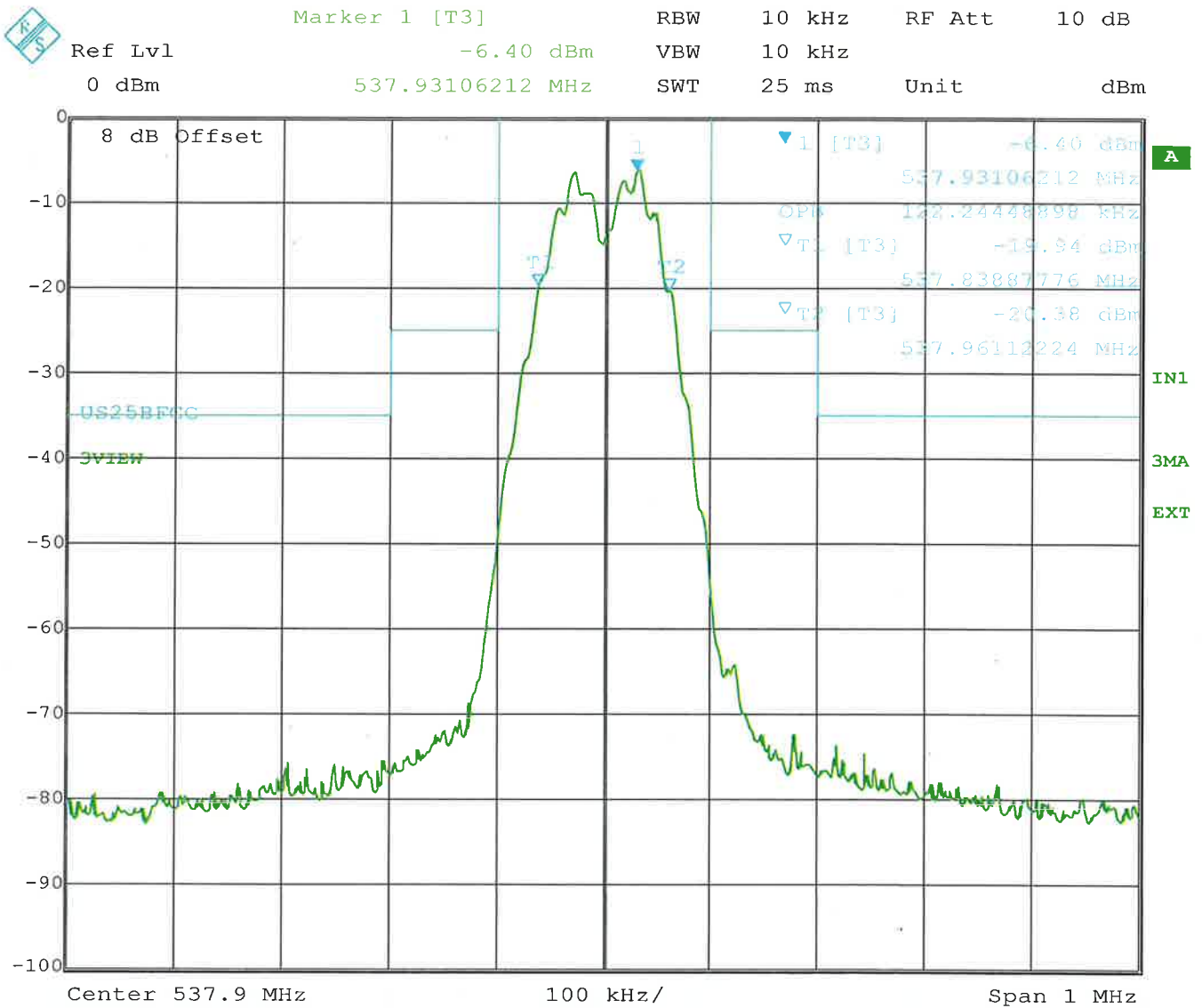
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 15 kHz @ 537,9 MHz



Date: 16.SEP.2015 15:22:06

Measured bandwidth is: 122,24 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

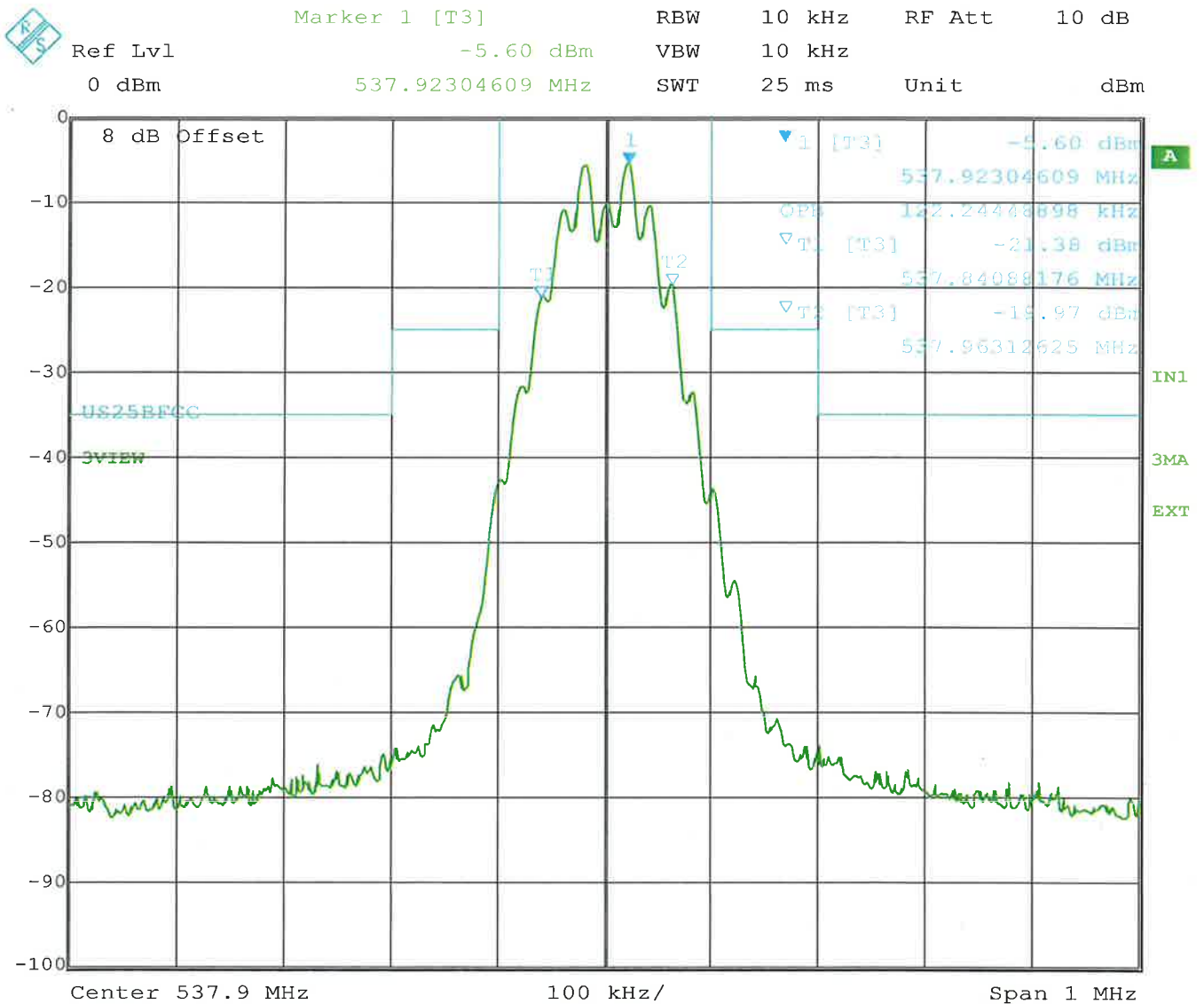
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 20 kHz @ 537,9 MHz



Date: 16.SEP.2015 15:22:29

Measured bandwidth is: 122,24 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

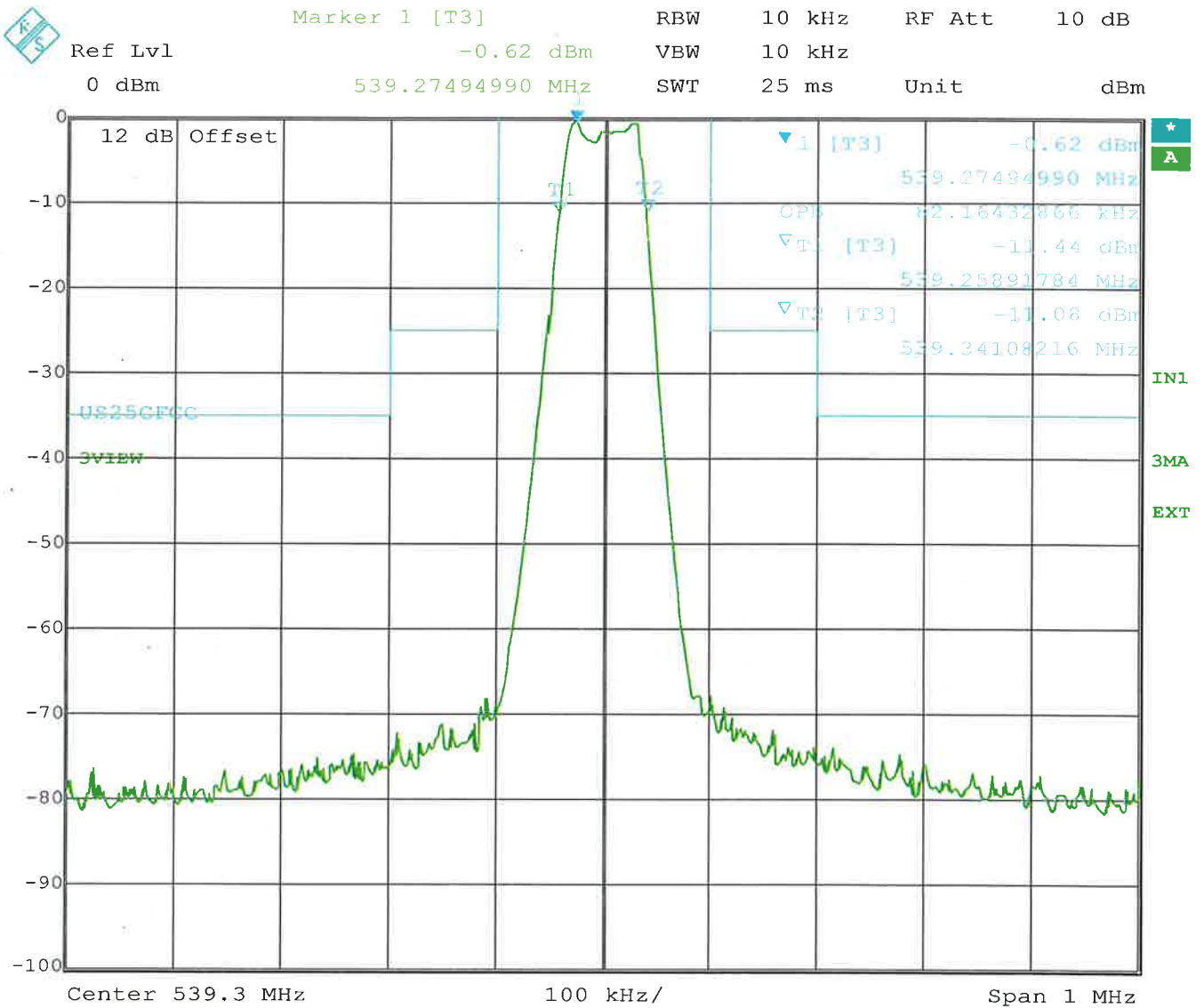
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 1 kHz @ 539,3 MHz



Date: 16.SEP.2015 15:18:26

Measured bandwidth is: 82,16 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

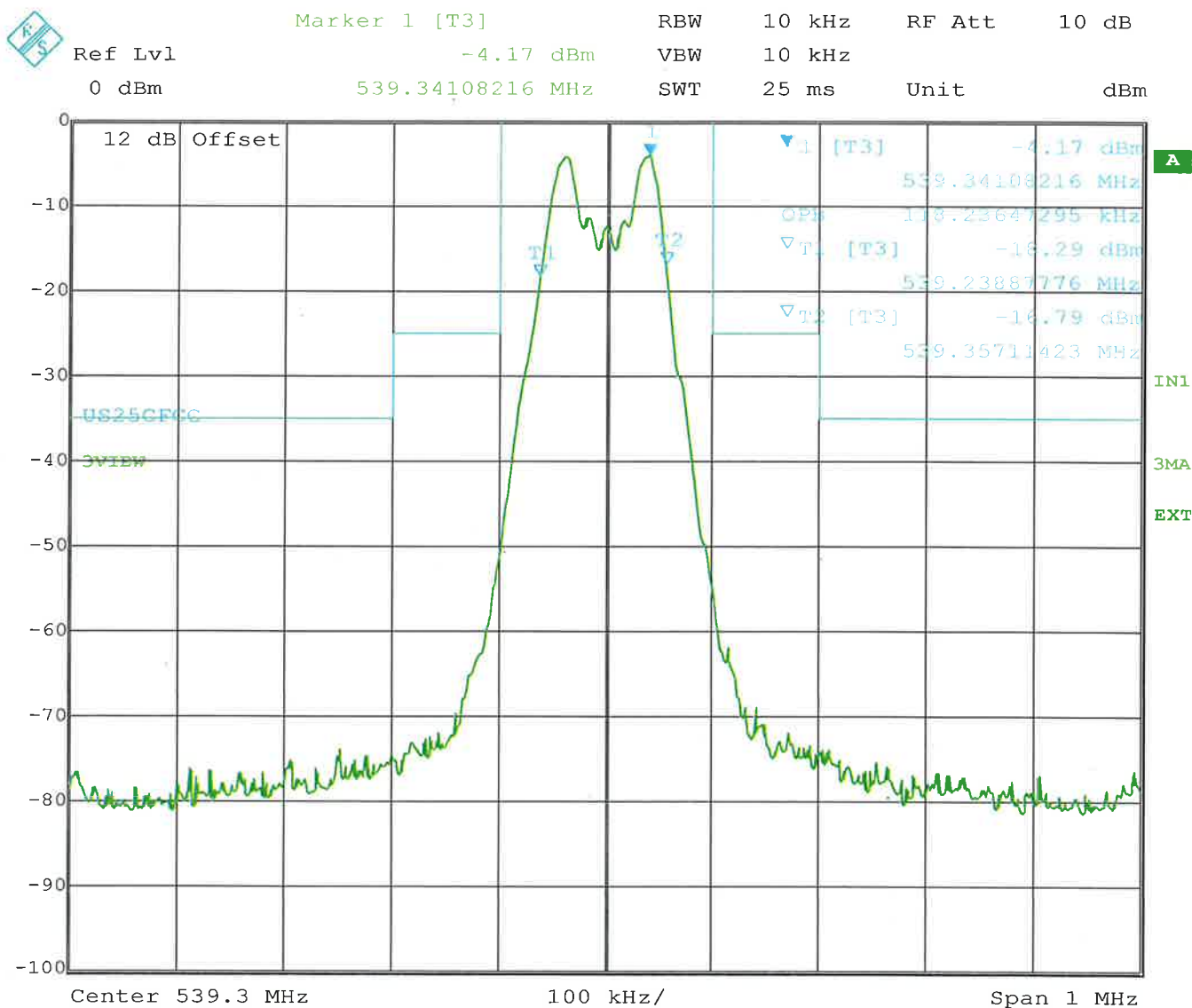
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 7,5 kHz @ 539,3 MHz



Date: 16.SEP.2015 15:18:44

Measured bandwidth is: 118,24 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

TEST EQUIPMENT USED: NT-207

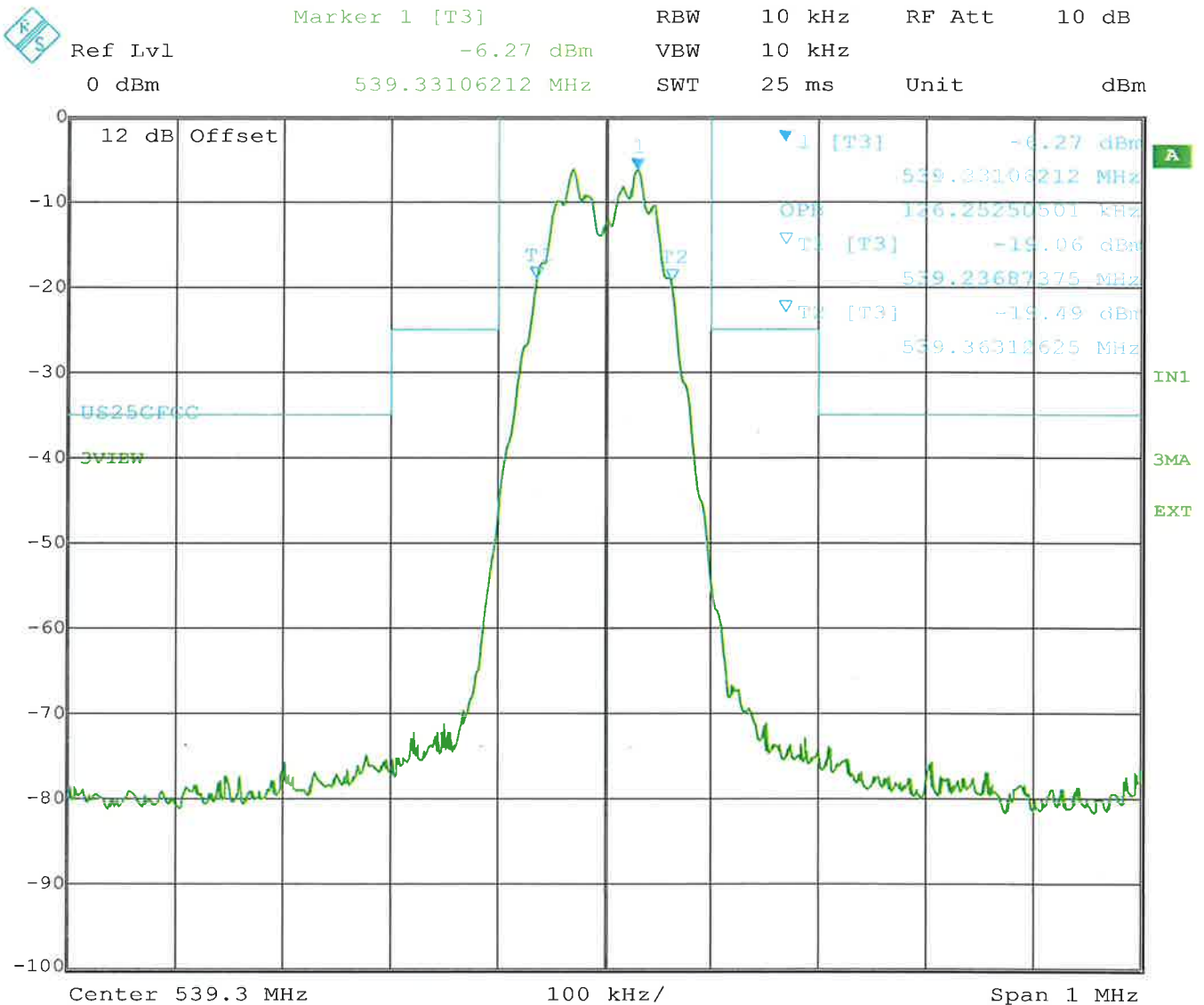


**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 15 kHz @ 539,3 MHz



Date: 16.SEP.2015 15:18:59

Measured bandwidth is: 126,25 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

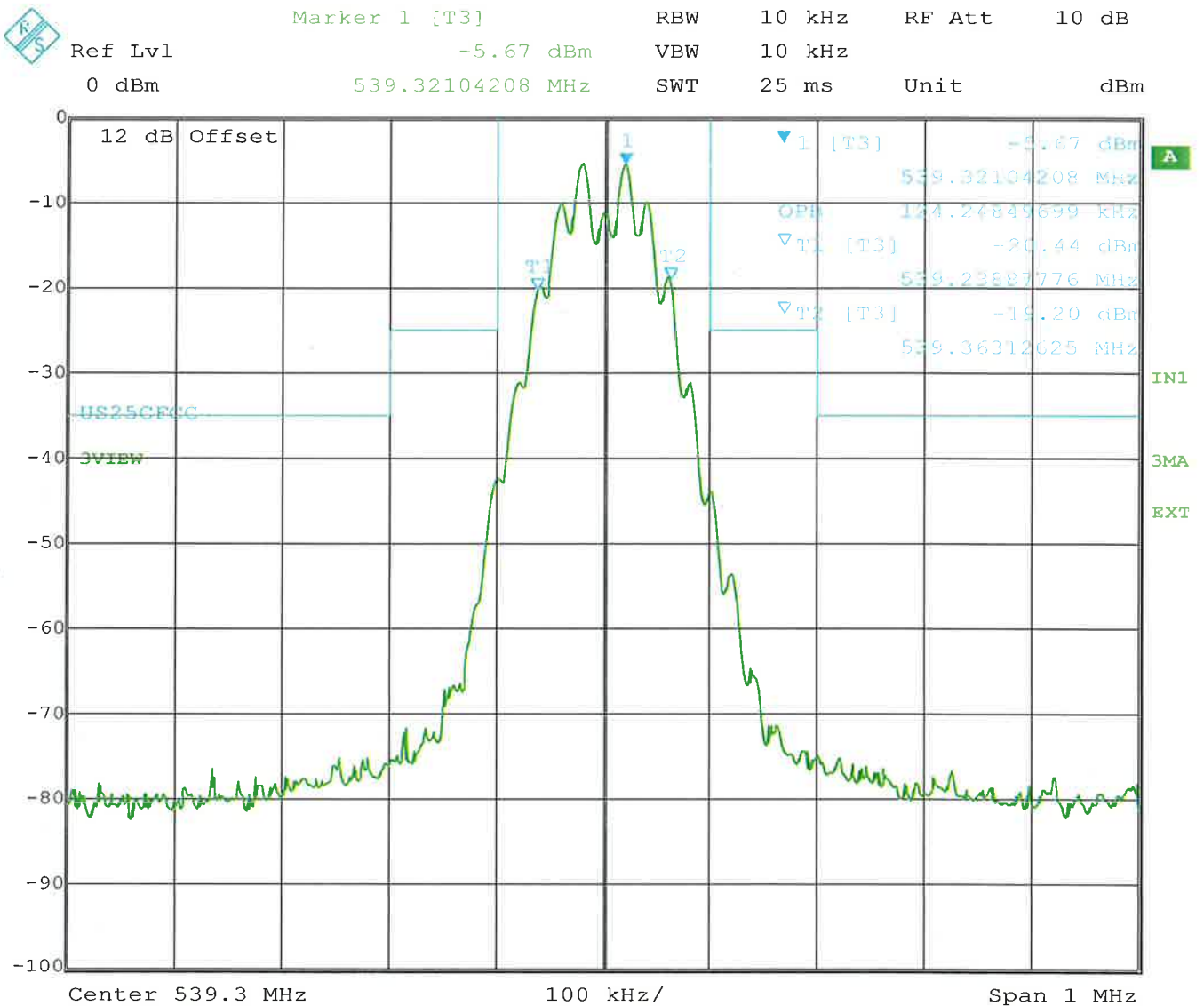
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

§ 74.261 (e)(5)  
(6.3)

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 20 kHz @ 539,3 MHz



Date: 16.SEP.2015 15:19:12

Measured bandwidth is: 124,25 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

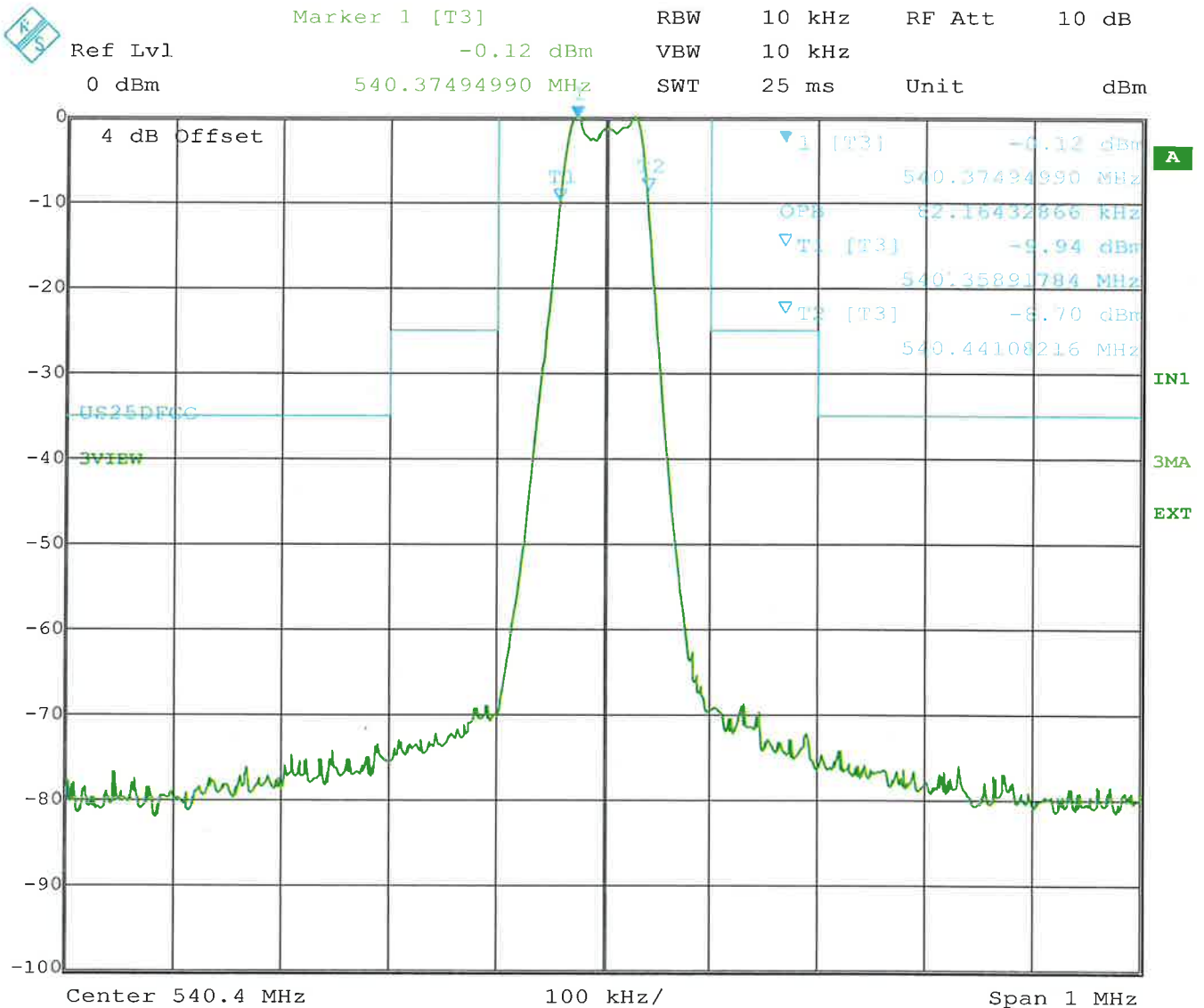
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 1 kHz @ 540,4 MHz



Date: 16.SEP.2015 15:07:04

Measured bandwidth is: 82,16 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

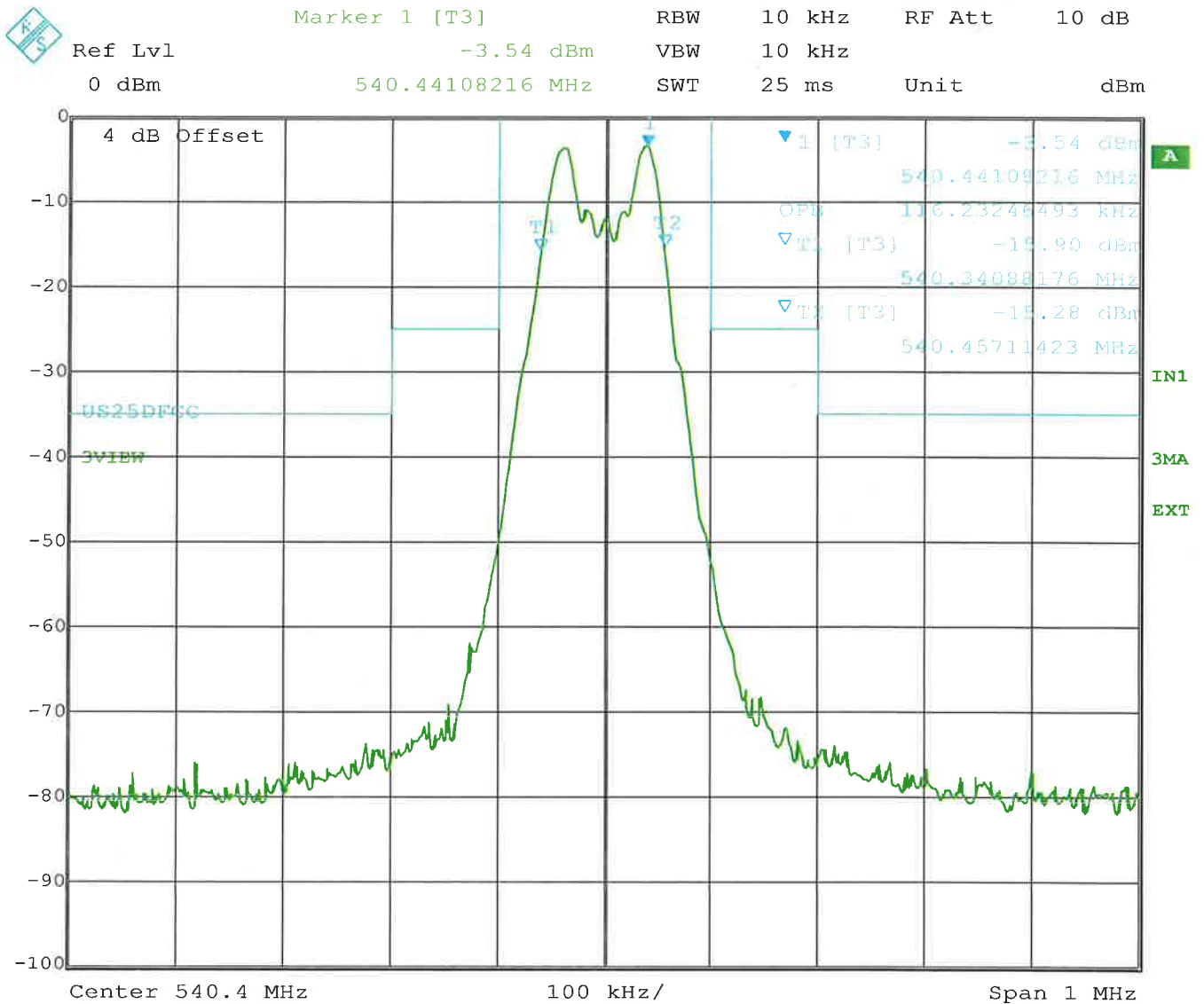
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 7,5 kHz @ 540,4 MHz



Date: 16.SEP.2015 15:07:34

Measured bandwidth is: 116,23 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

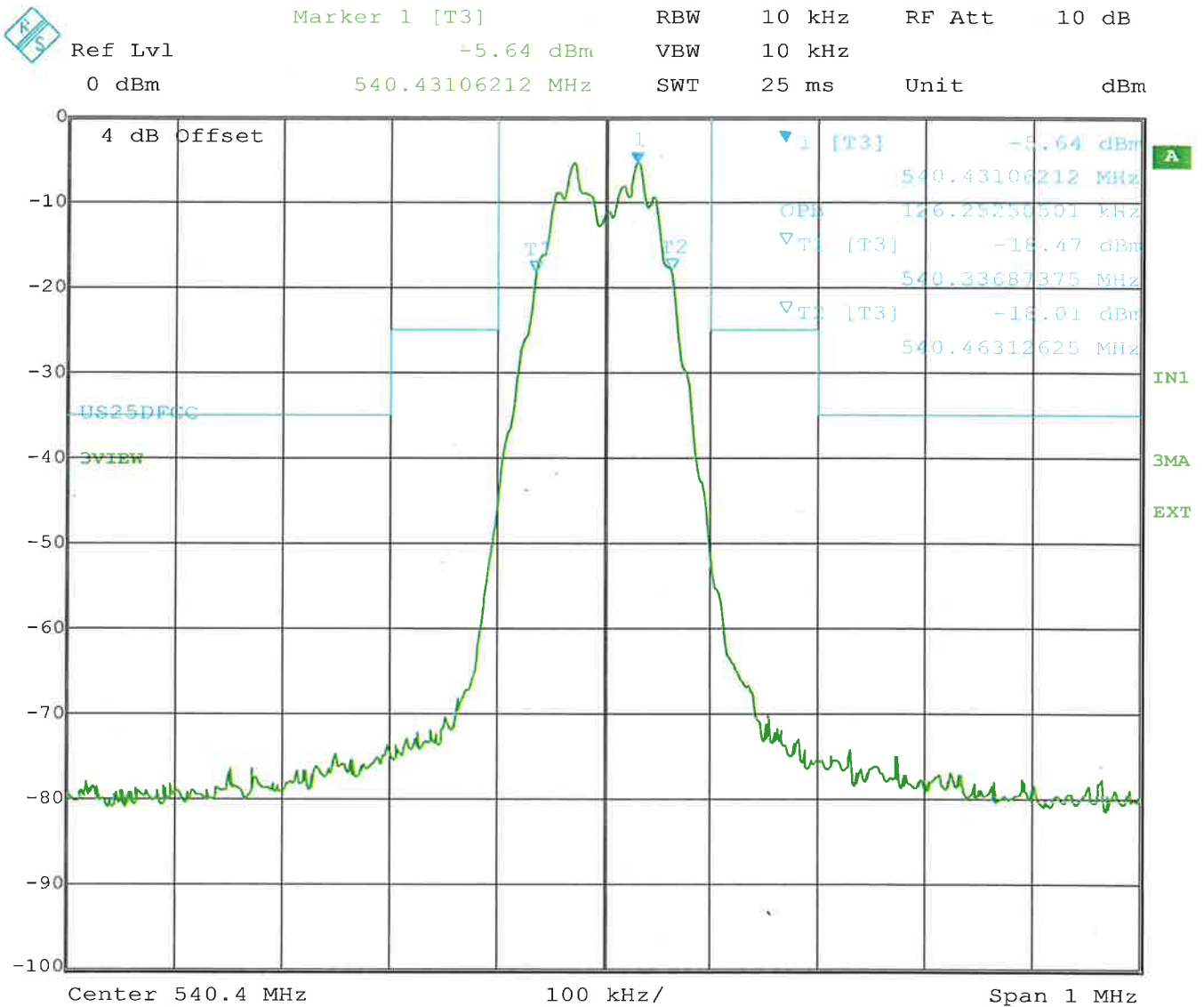
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 15 kHz @ 540,4 MHz



Date: 16.SEP.2015 15:07:56

Measured bandwidth is: 126,25 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

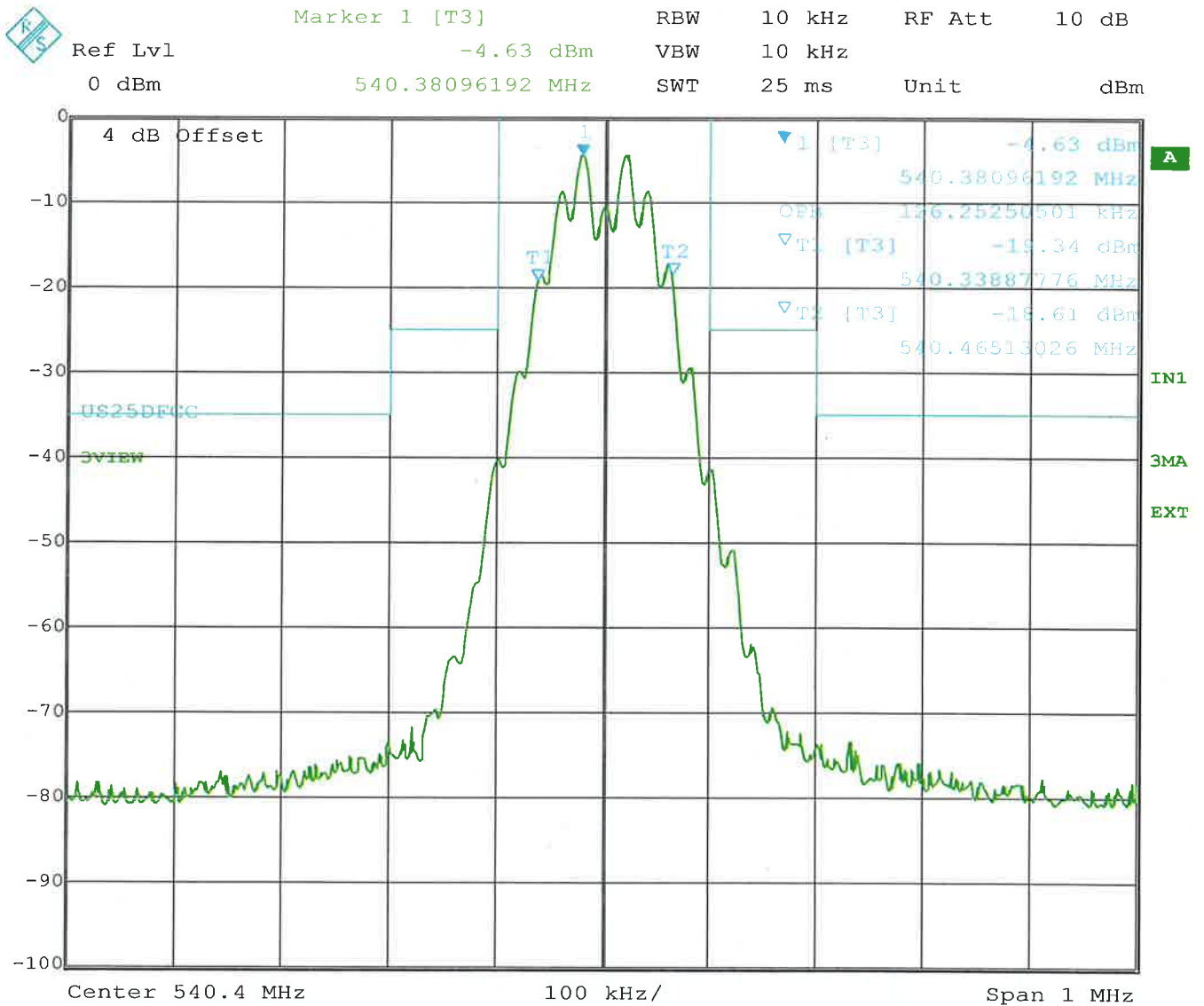
TEST EQUIPMENT USED: NT-207

**OPERATING BANDWIDTH**

**§ 74.261 (e)(5)  
(6.3)**

The operating Bandwidth was measured at an acoustic input level 16 dB higher than that required for half of the maximum linear input level.

Measurement with audio frequency 20 kHz @ 540,4 MHz



Date: 16.SEP.2015 15:08:21

Measured bandwidth is: 126,25 kHz

**LIMIT SUBCLAUSE 74.261 (e)(5) (Table 1 RSS-123)**

The operating bandwidth shall not exceed 200 kHz.

TEST EQUIPMENT USED: NT-207

## Emissions Mask

§ 74.261 (e)(6)  
(6.3)

### LIMIT

#### 74.261(e)(6)

The mean power of emissions shall be attenuated below the mean output power of the transmitter in accordance with the following schedule:

- (i) On any frequency removed from the operating frequency by more than 50 percent up to and including 100 percent of the authorized bandwidth: at least 25dB;
- (ii) On any frequency removed from the operating frequency by more than 100 percent up to and including 250 percent of the authorized bandwidth: at least 35dB;
- (iii) On any frequency removed from the operating frequency by more than 250 percent of the authorized bandwidth: at least  $43 + 10 \log_{10}$  (mean output power in watts) dB.

In deviation to above (iii) RSS-123 6.3.1 (3) requires:  
at least  $55 + 10 \log_{10}(TP)$  dB, in any 30 kHz band removed from the centre of the authorized bandwidth by more than 250% of the authorized bandwidth. The search for unwanted emissions shall be from the lowest frequency internally generated or used in the device (local oscillator, intermediate or carrier frequency), or 500 kHz below its lowest assignable frequency, whichever is the lowest frequency, to the 5th harmonic of the highest frequency generated or used, without exceeding 23 GHz.

All plots were normalised so that 0 dB is equal to the mean output power measured in a bandwidth equal to 5 times the nominal bandwidth of the emission.

**Emissions Mask**

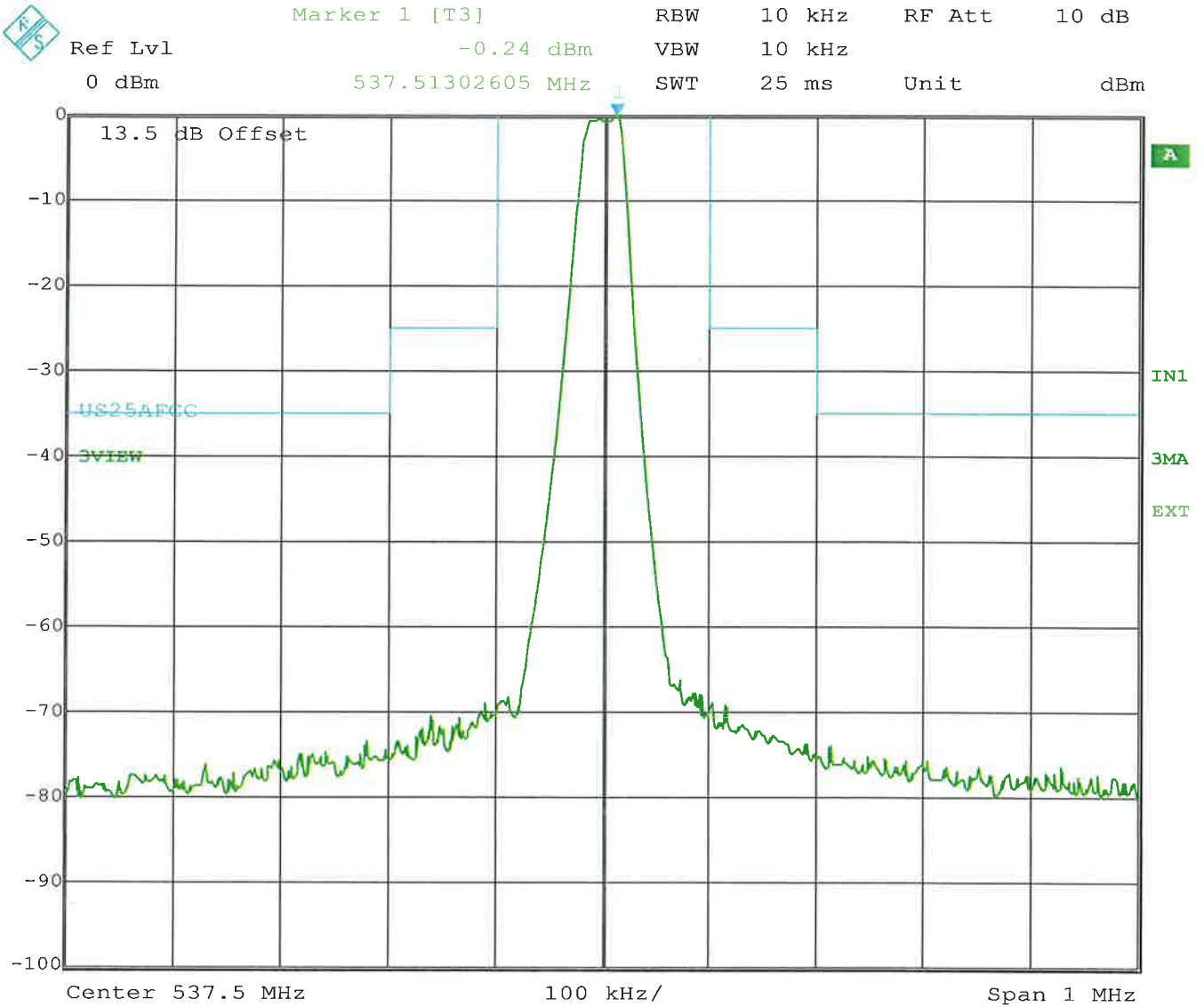
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 1 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:16:35

Test Equipment used: NT-207



**Emissions Mask**

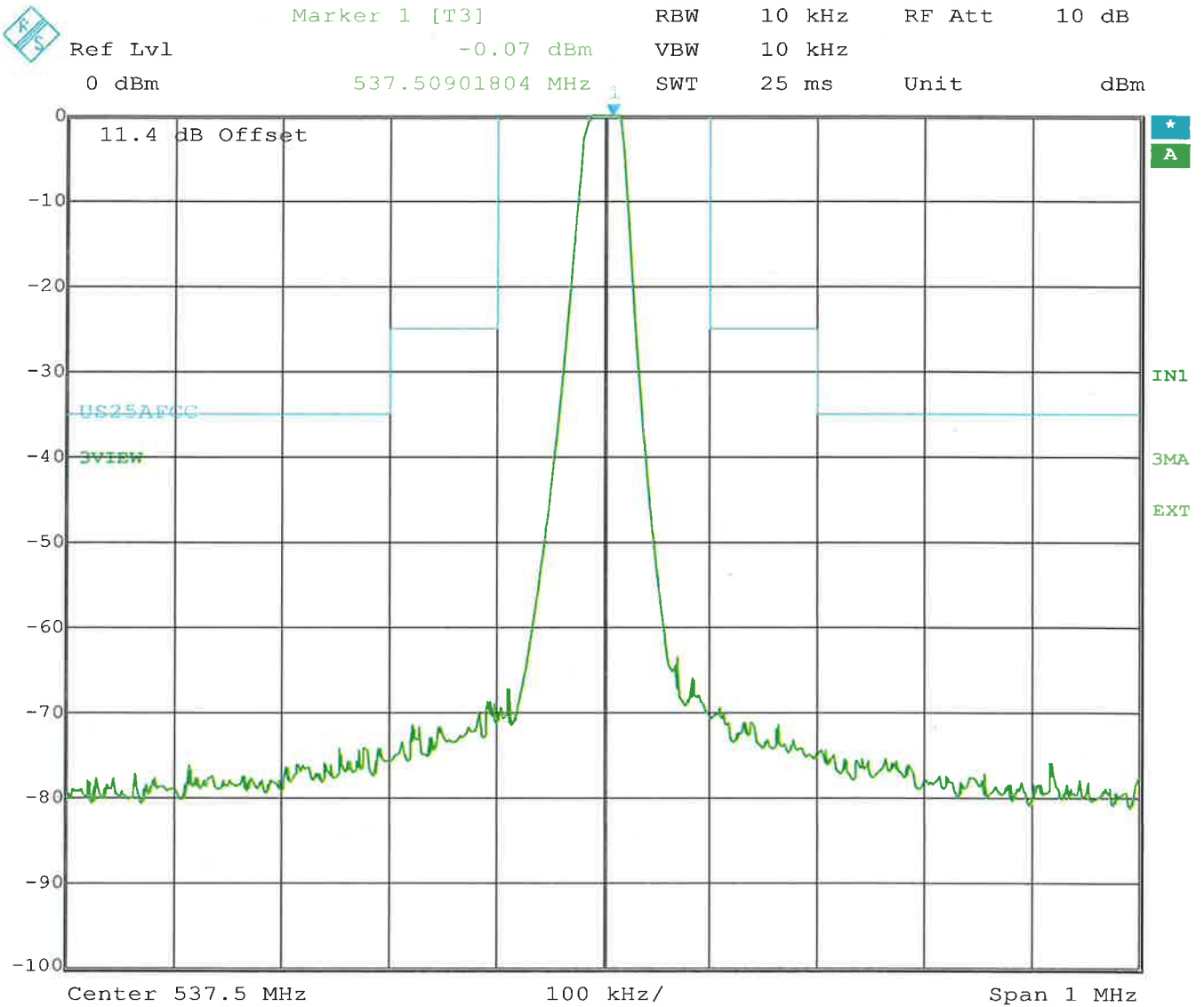
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 1 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:17:38

Test Equipment used: NT-207

**Emissions Mask**

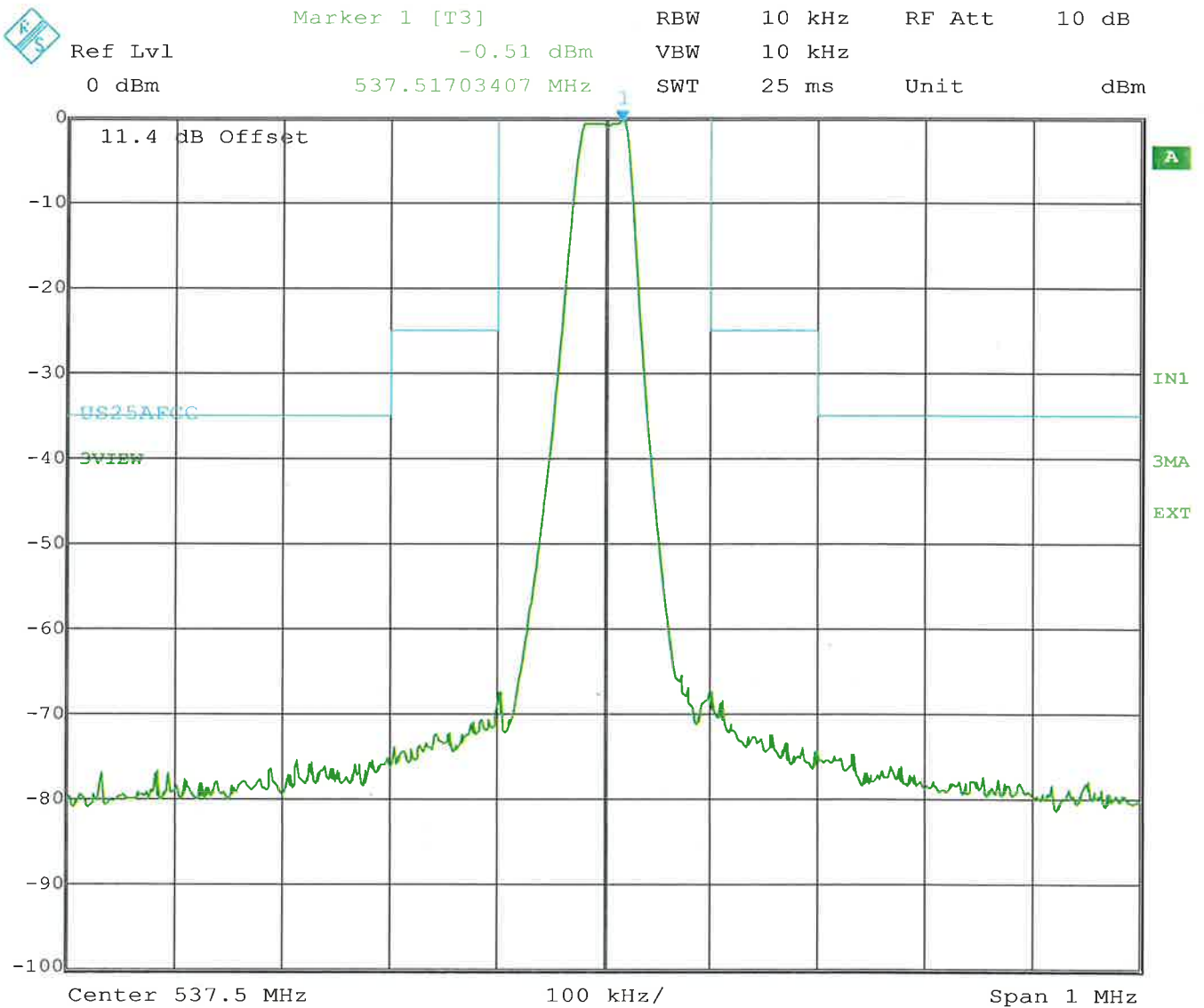
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 1 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:22:51

Test Equipment used: NT-207

**Emissions Mask**

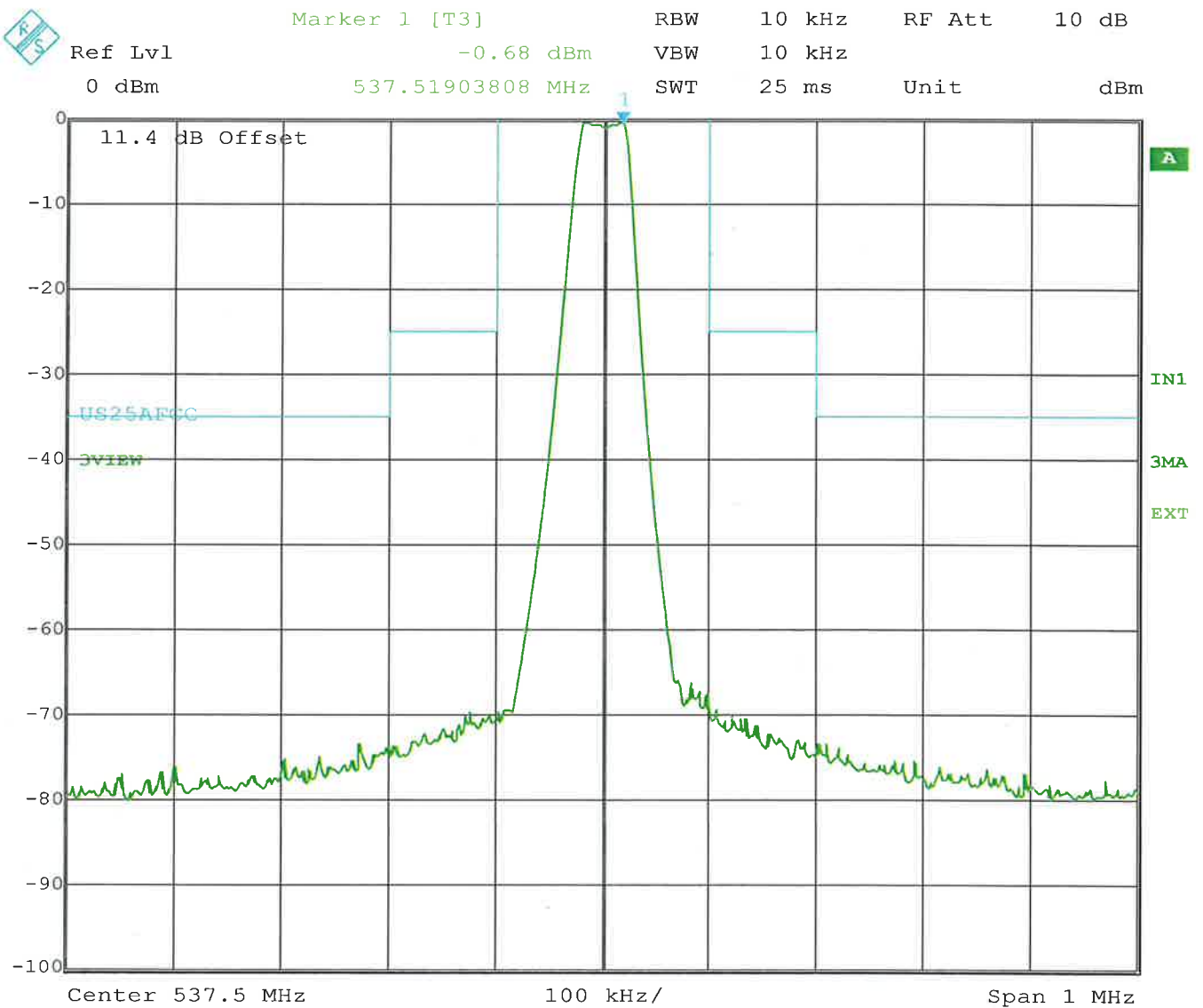
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 1 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:22:11

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

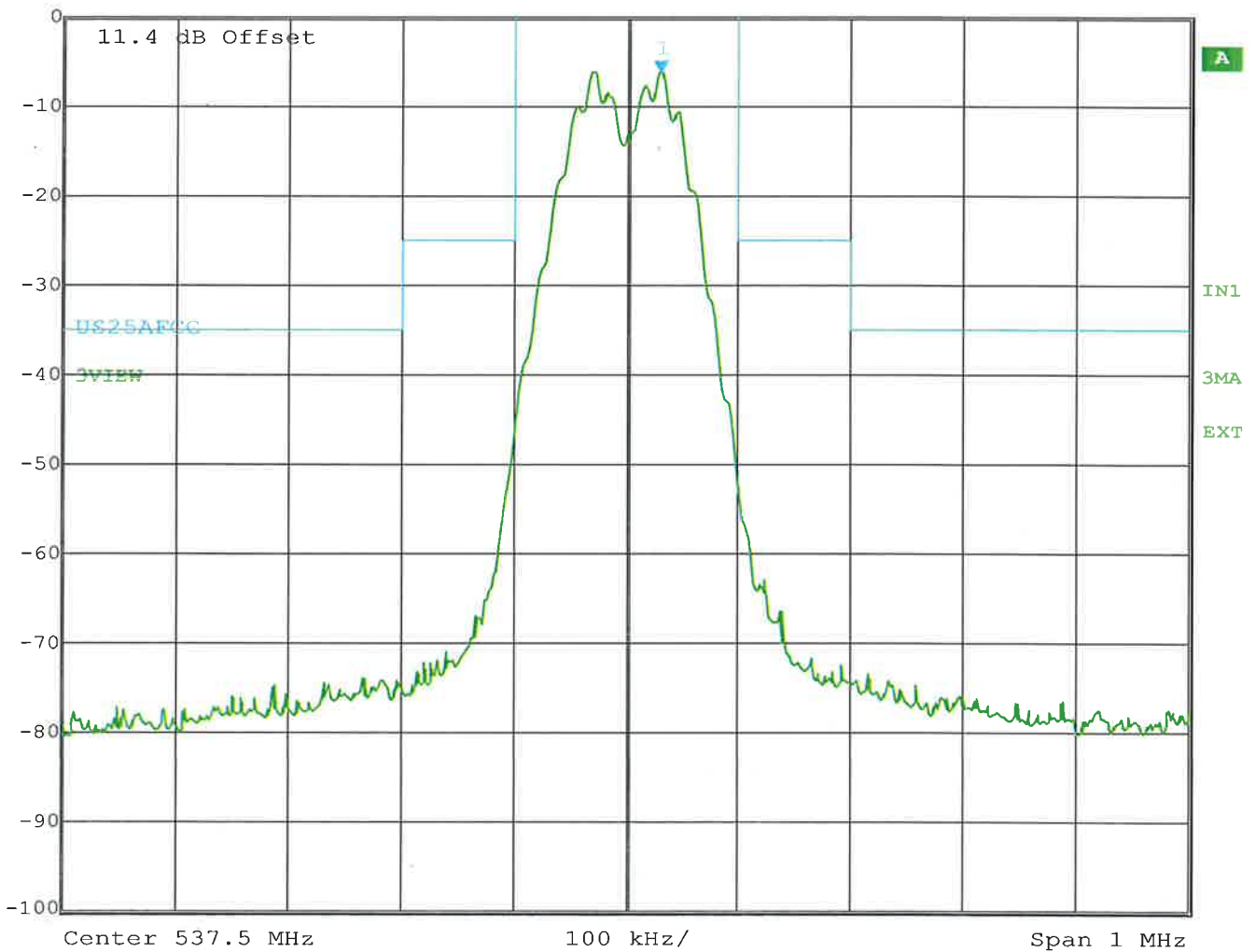
Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 15 kHz

DC Voltage: 1,5 V

 Marker 1 [T3] RBW 10 kHz RF Att 10 dB  
Ref Lvl -6.29 dBm VBW 10 kHz  
0 dBm 537.53106212 MHz SWT 25 ms Unit dBm



Date: 16.SEP.2015 14:18:35

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

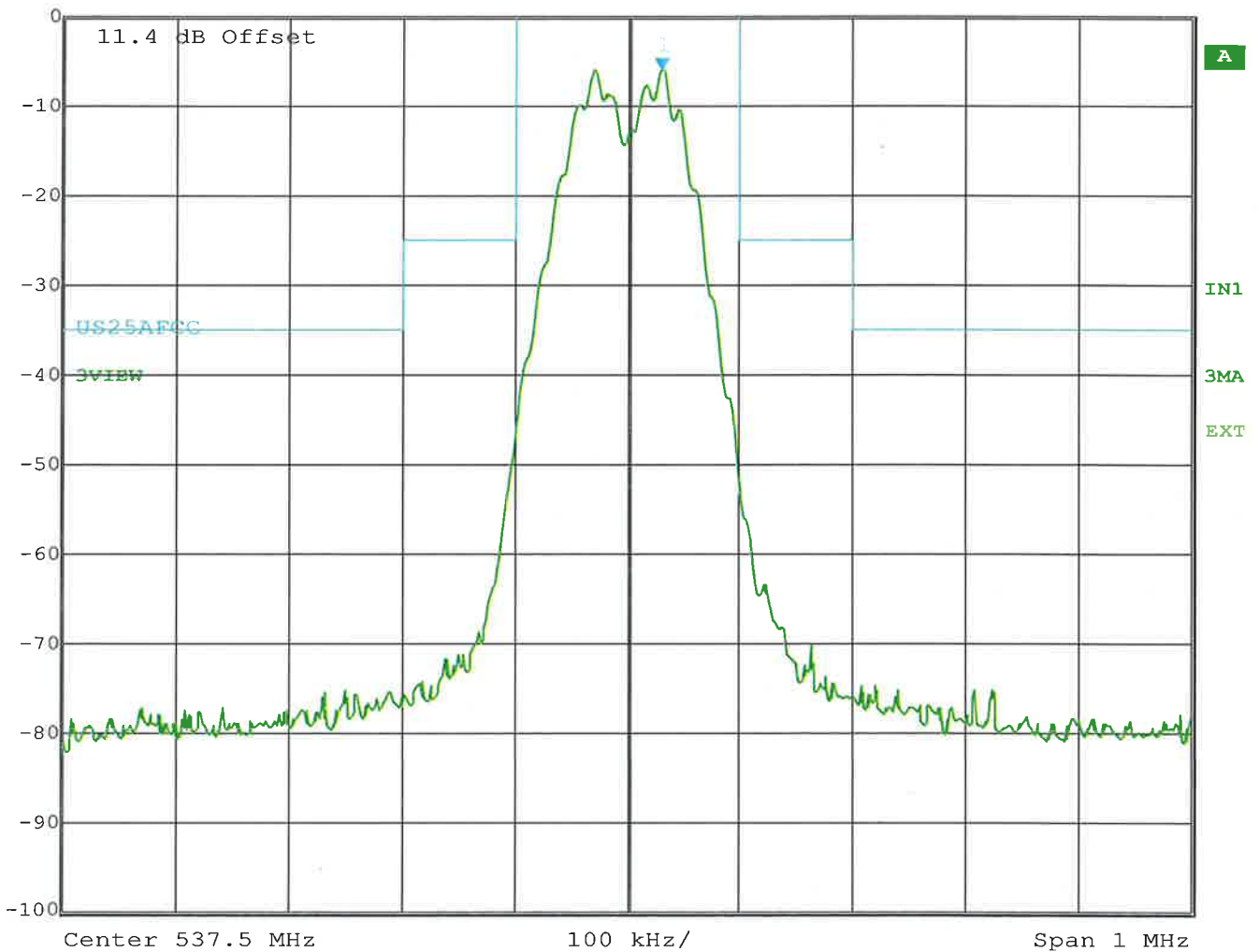
Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 15 kHz

DC Voltage: 1 V

	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
Ref Lvl	-6.17 dBm	VBW	10 kHz		
0 dBm	537.53106212 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:18:14

Test Equipment used: NT-207

**Emissions Mask**

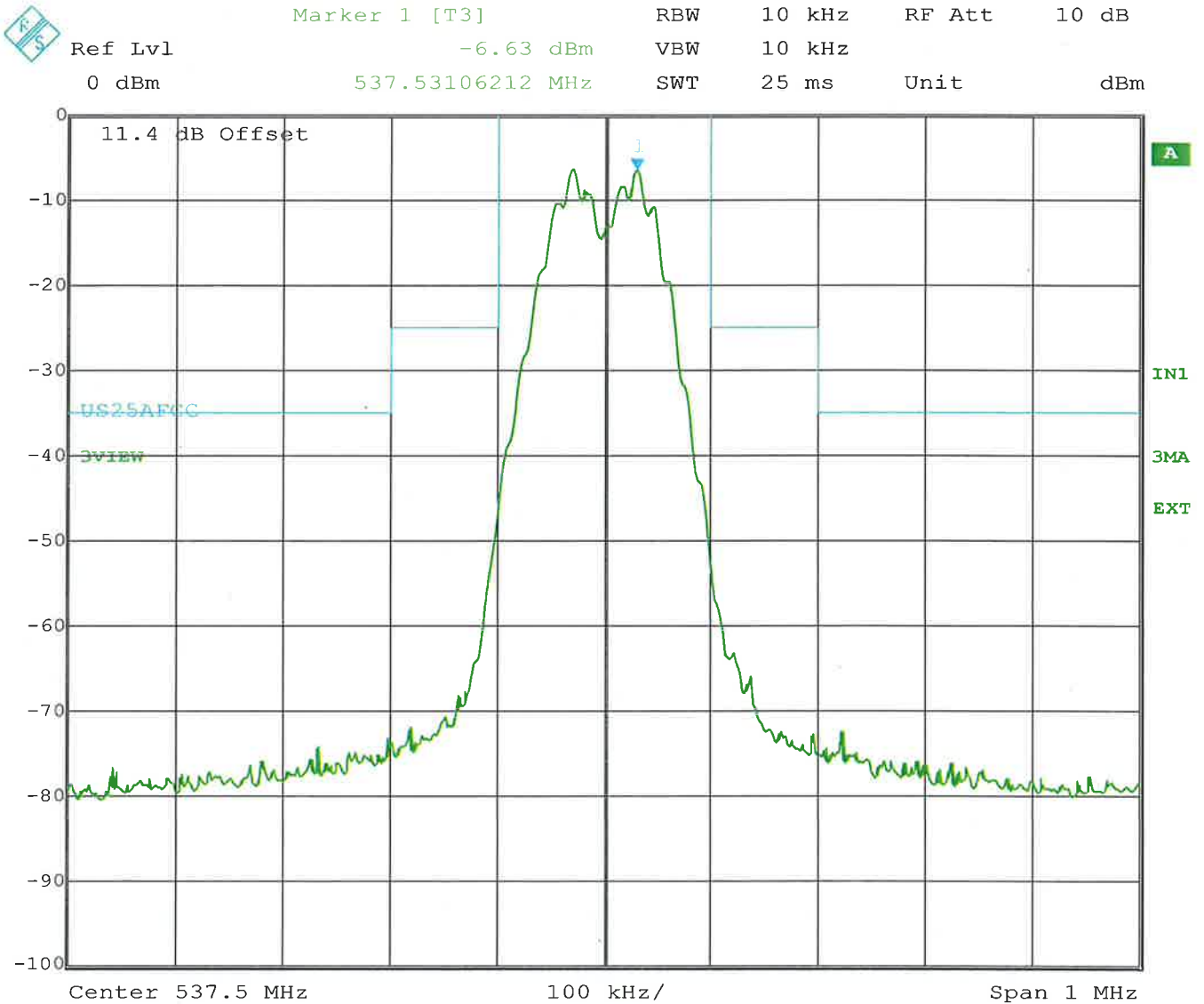
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 15 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:20:56

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

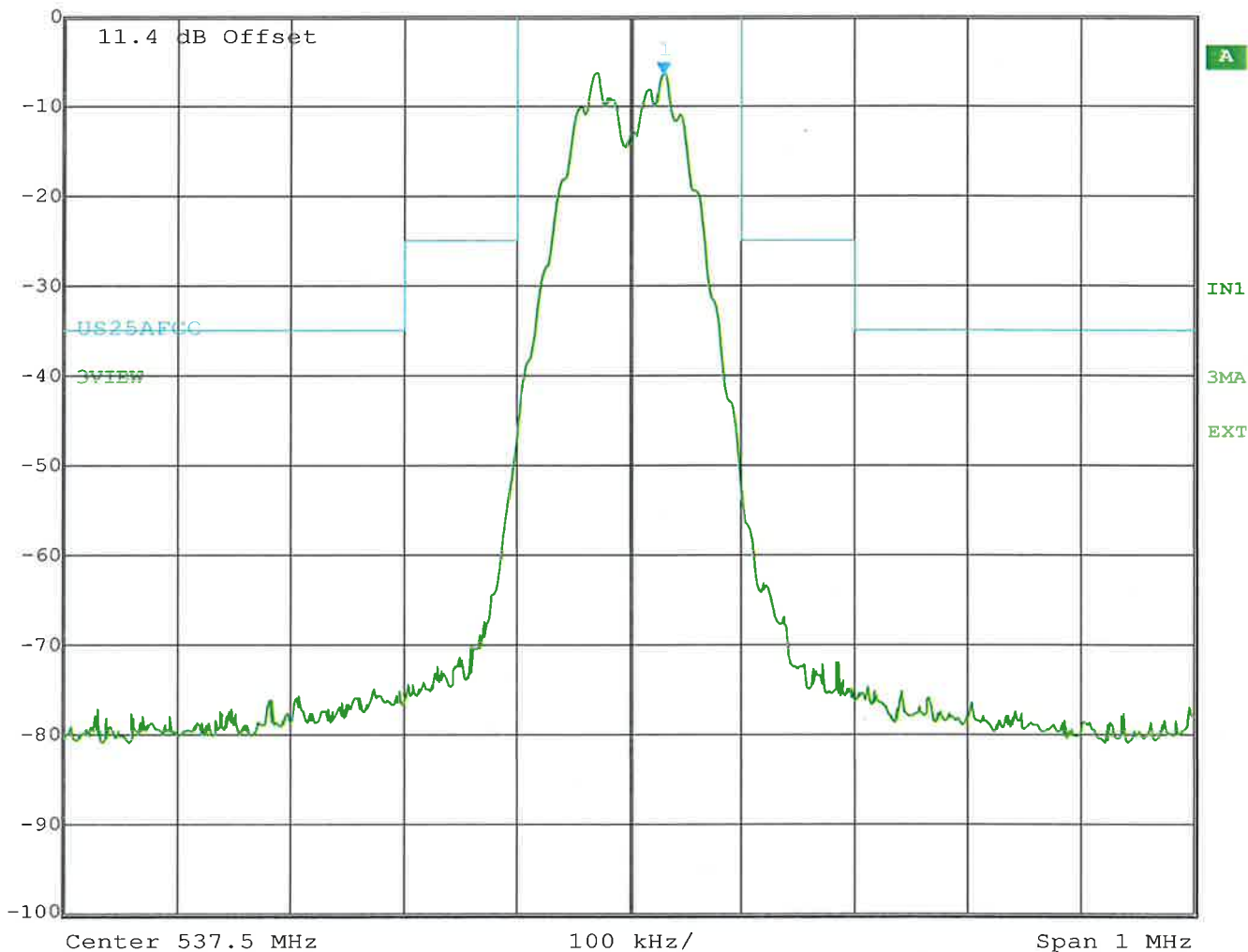
Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 15 kHz

DC Voltage: 1 V

	Ref Lvl	0 dBm	Marker 1 [T3]	-6.52 dBm	RBW	10 kHz	RF Att	10 dB
			537.53106212 MHz		VBW	10 kHz		
					SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:21:22

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

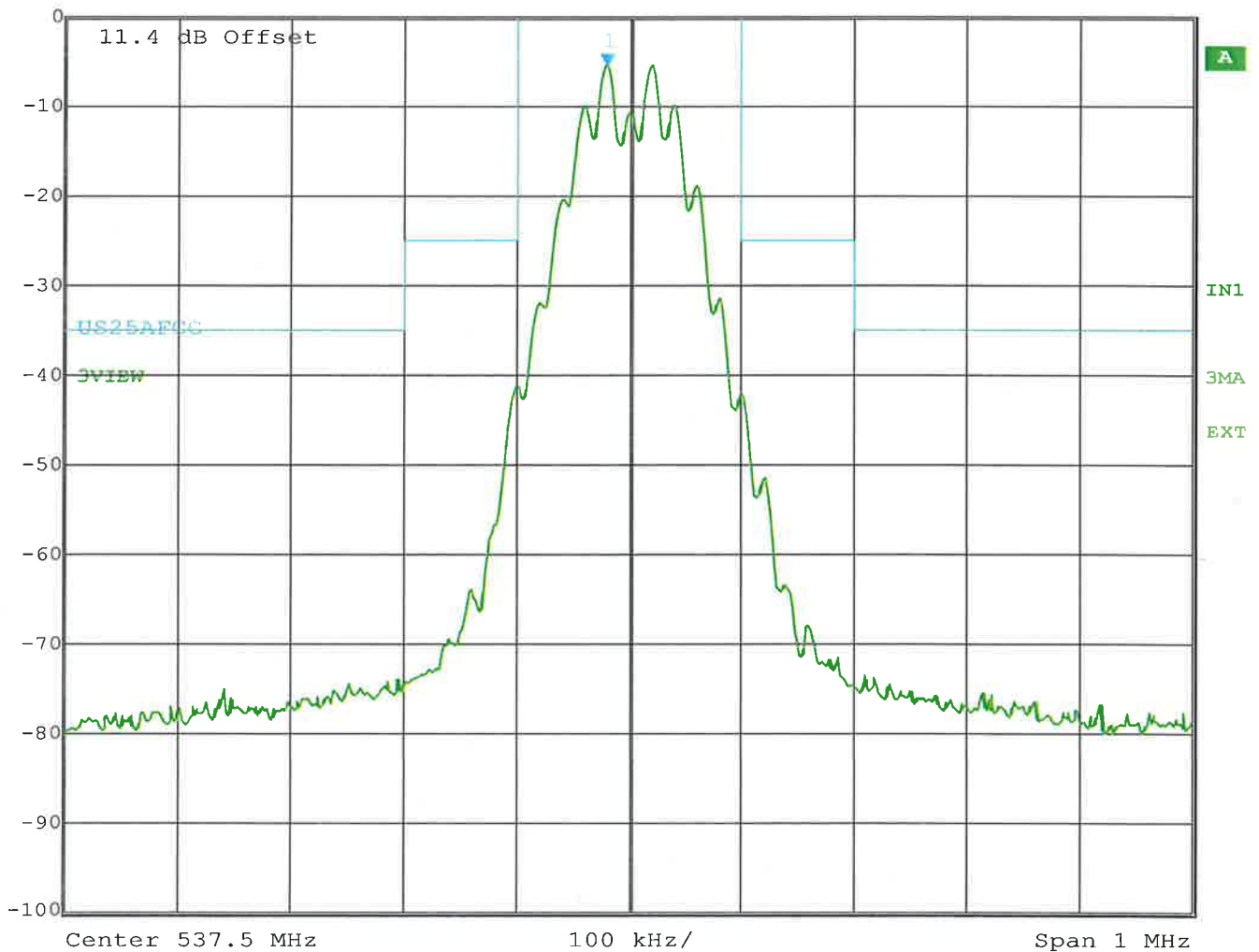
Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 20 kHz

DC Voltage: 1,5 V

	Ref Lvl	0 dBm	Marker 1 [T3]	537.48096192 MHz	-5.51 dBm	RBW	10 kHz	RF Att	10 dB	VBW	10 kHz	SWT	25 ms	Unit	dBm
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Date: 16.SEP.2015 14:19:17

Test Equipment used: NT-207



**Emissions Mask**

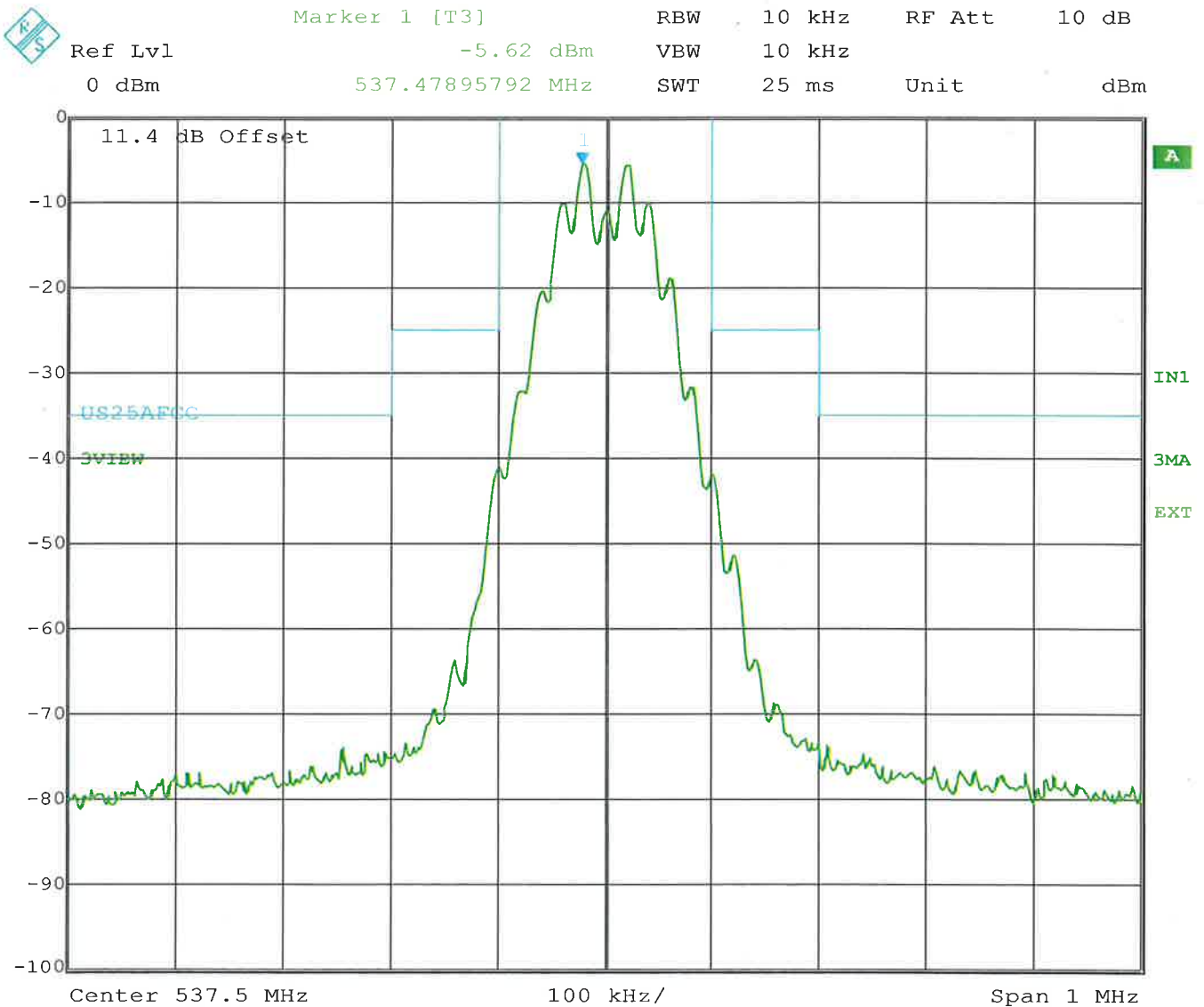
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 20 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:19:43

Test Equipment used: NT-207

**Emissions Mask**

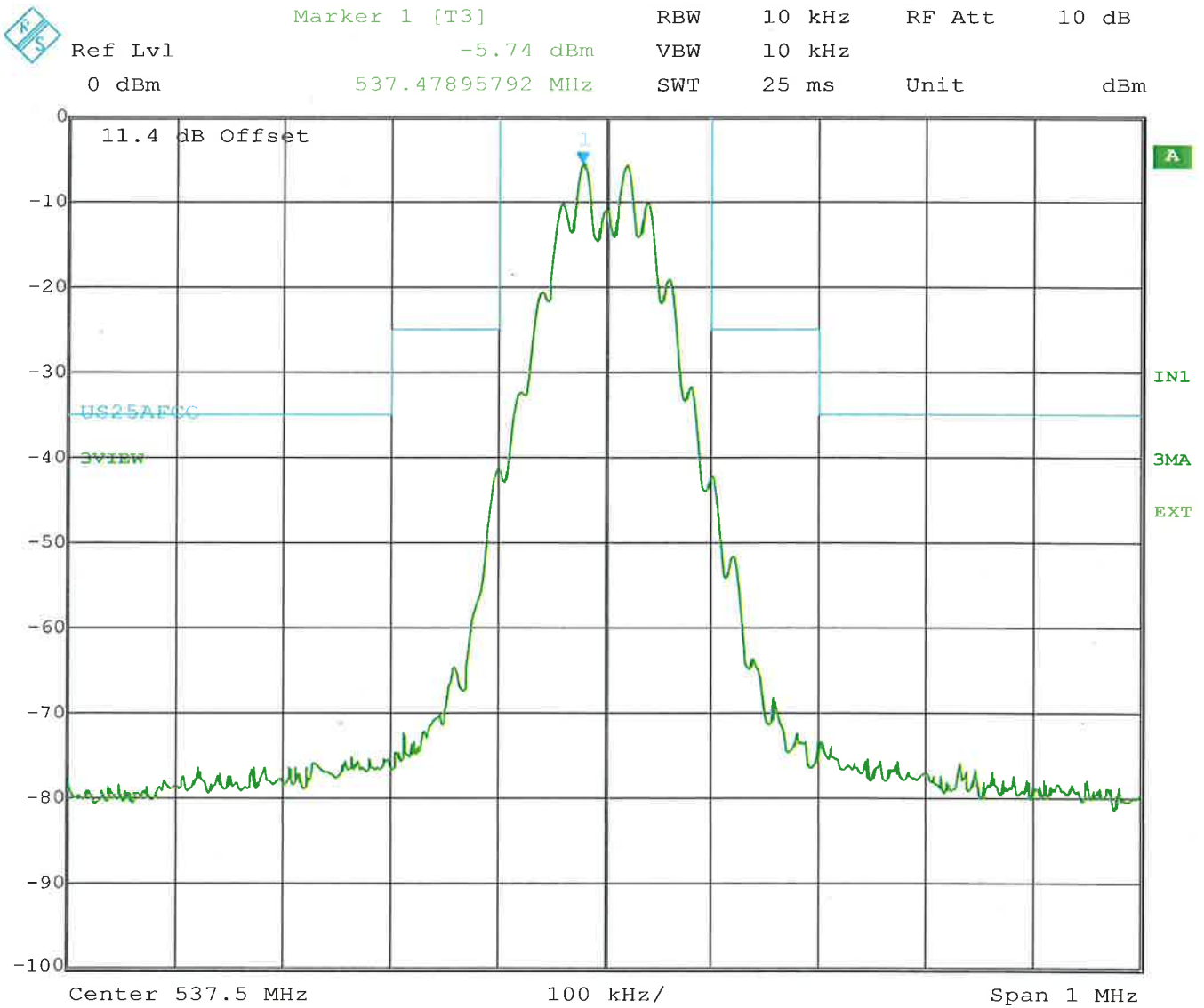
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 20 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:20:28

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

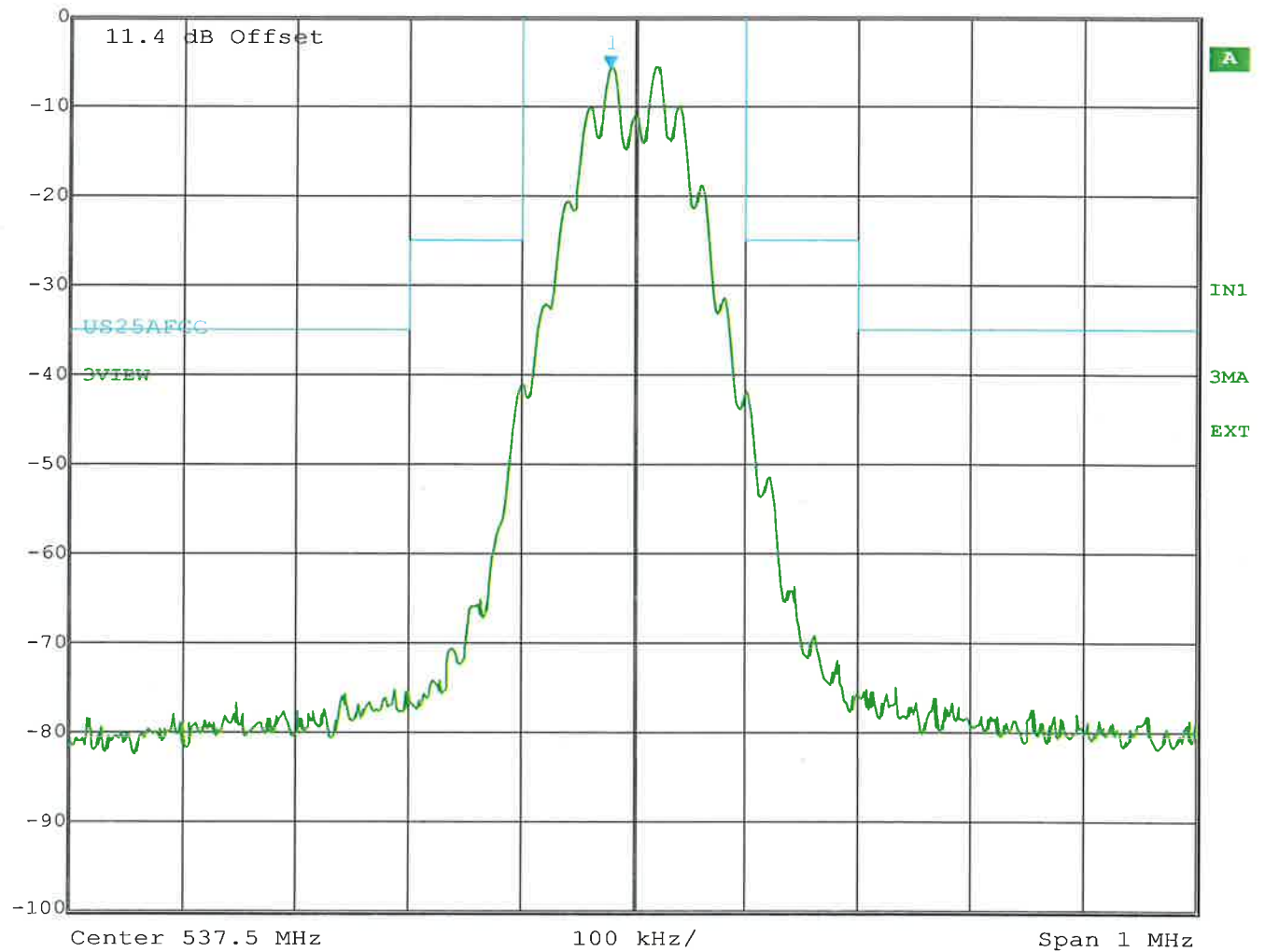
Operating mode:

Frequency: 537,5 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 20 kHz

DC Voltage: 1 V

	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
Ref Lvl	-5.76 dBm	VBW	10 kHz		
0 dBm	537.47895792 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:20:04

Test Equipment used: NT-207

**Emissions Mask**

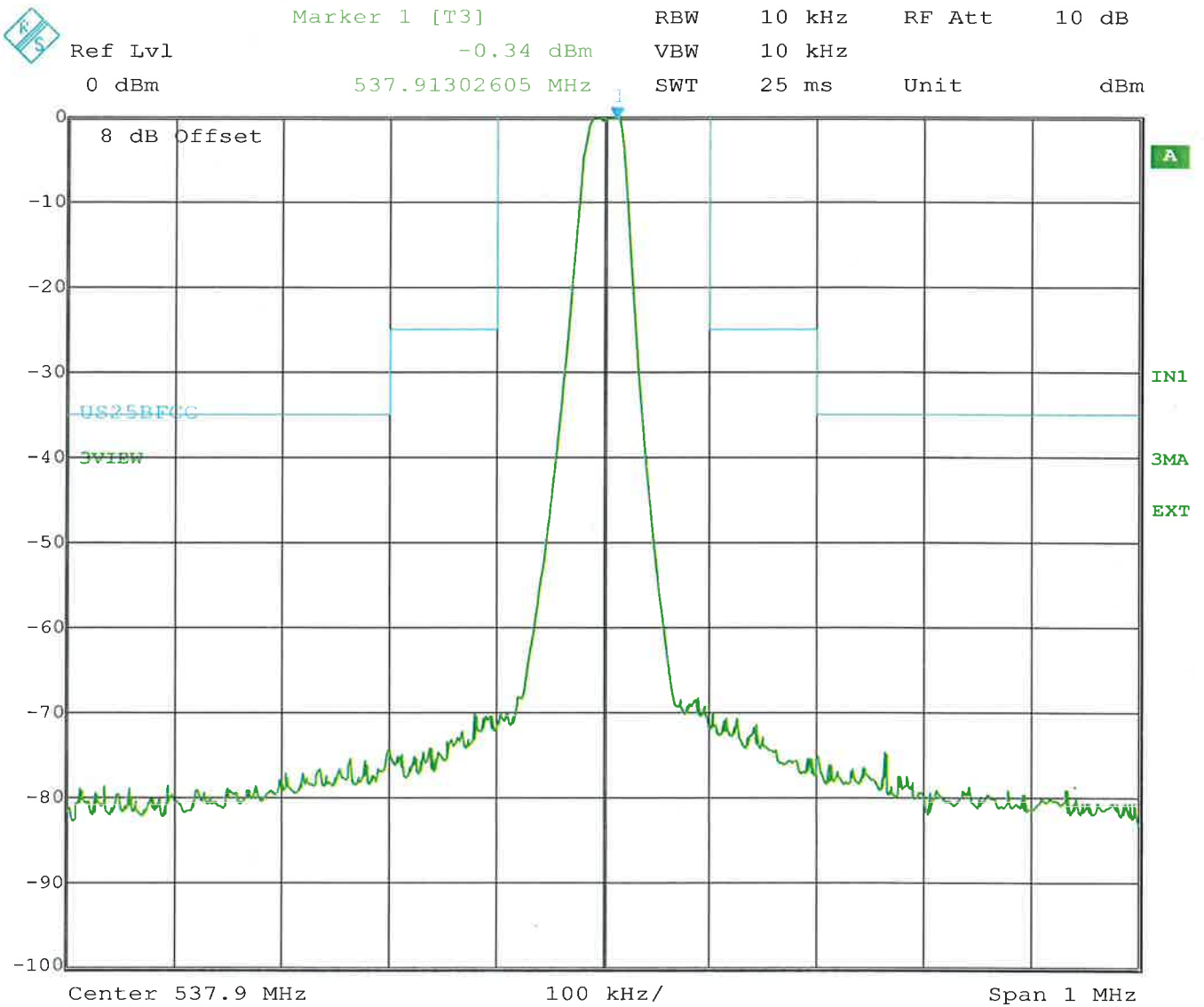
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 1 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:34:40

Test Equipment used: NT-207

**Emissions Mask**

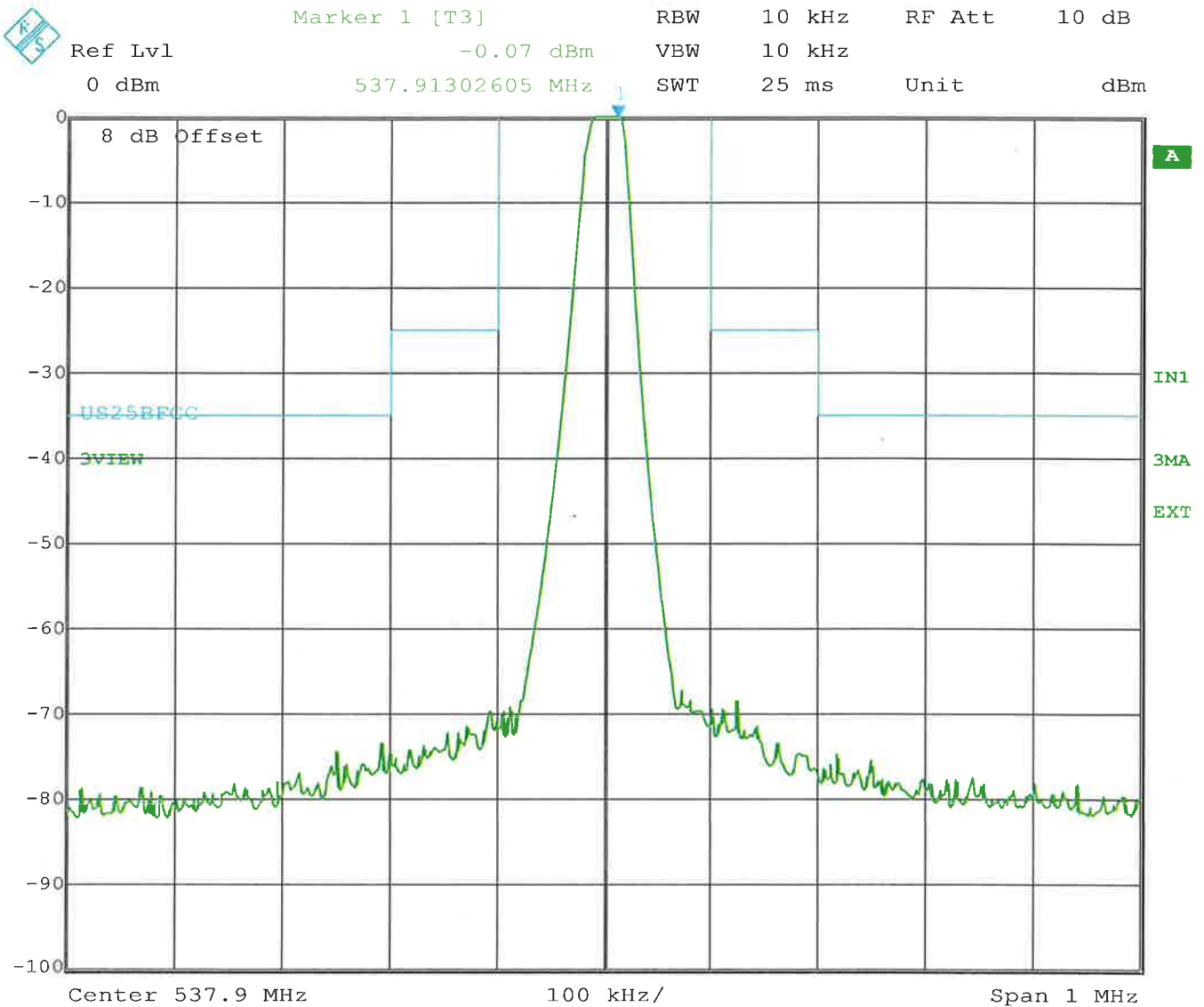
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 1 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:34:13

Test Equipment used: NT-207

**Emissions Mask**

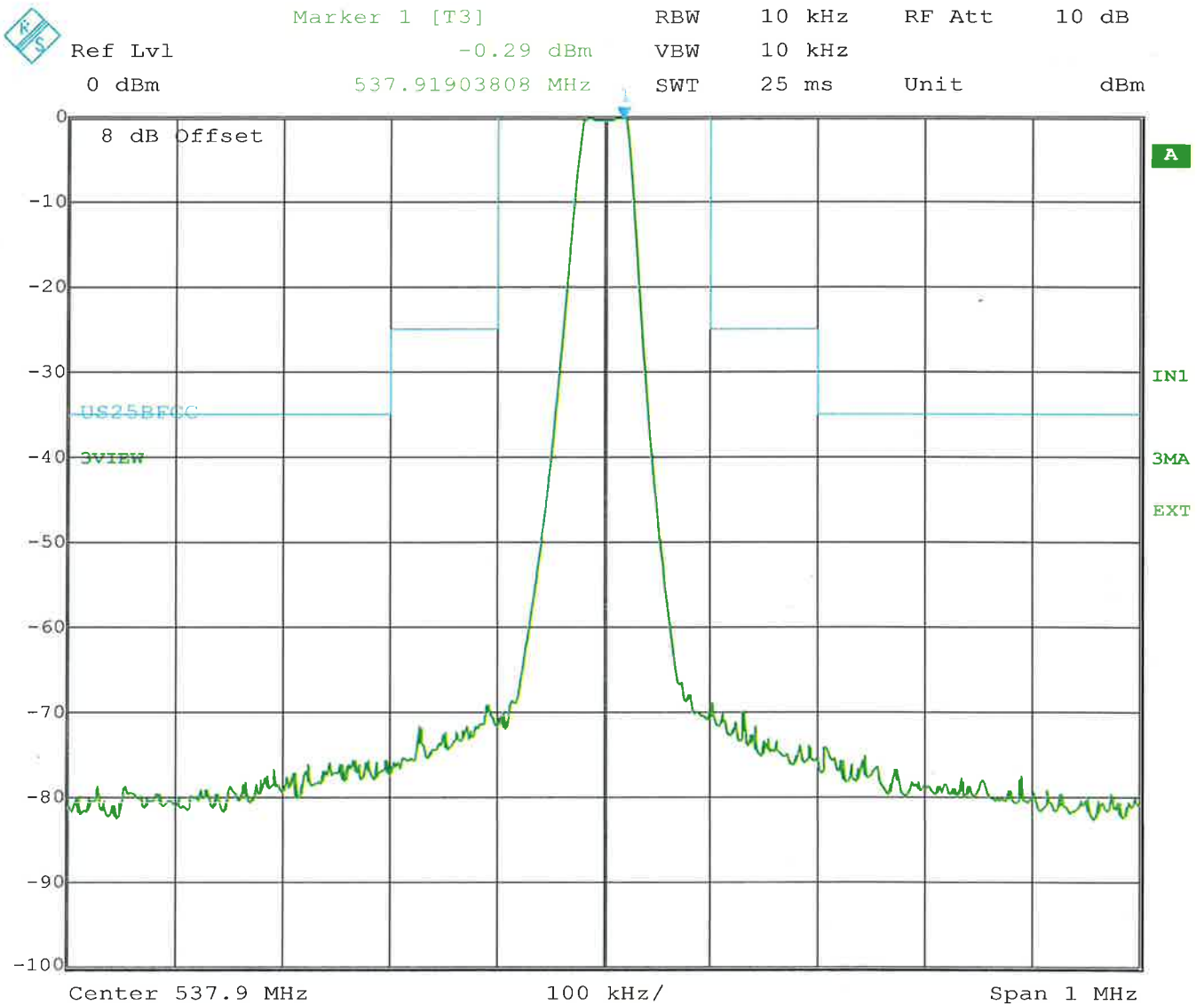
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 1 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:29:08

Test Equipment used: NT-207

**Emissions Mask**

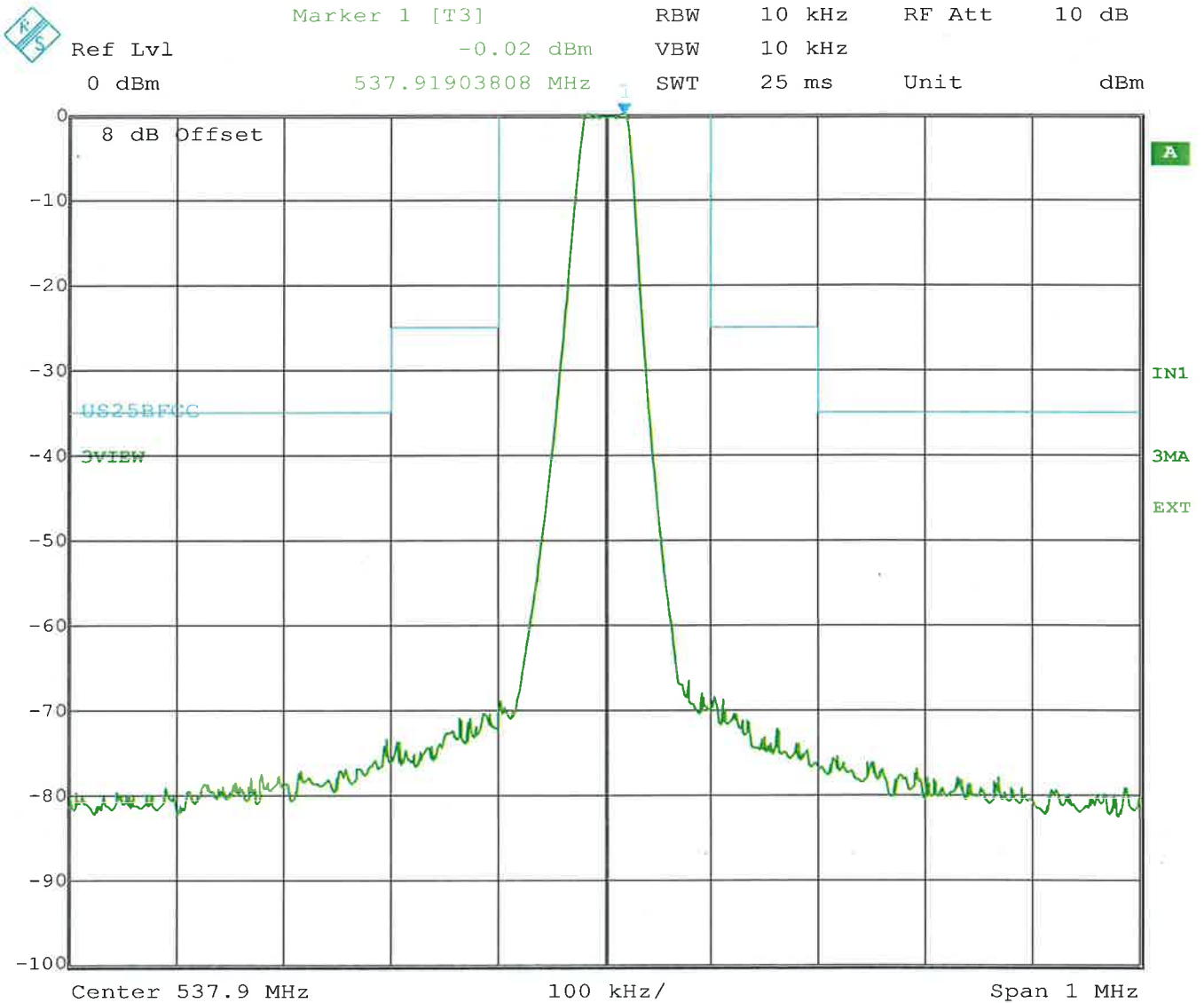
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 1 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:29:44

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

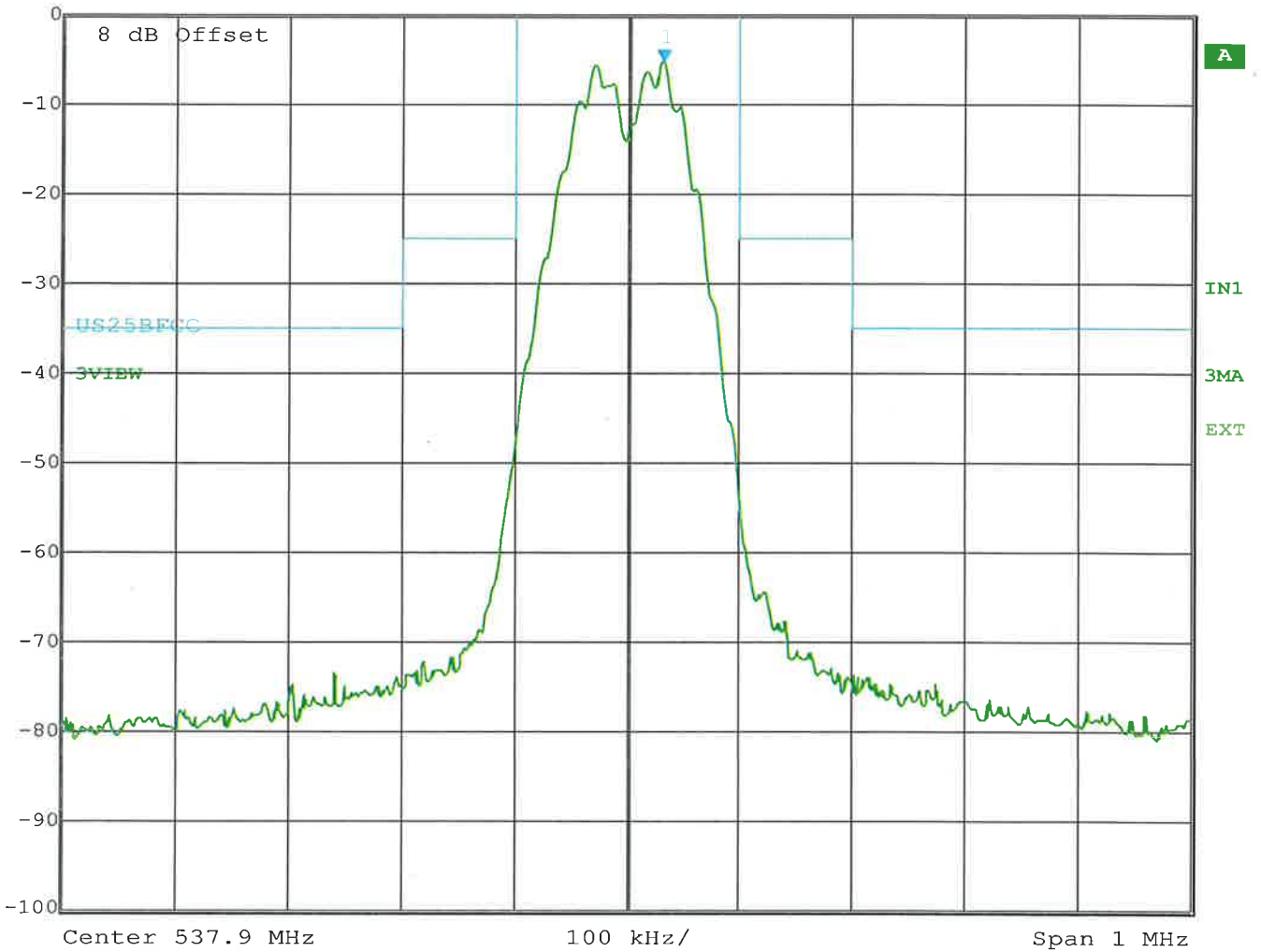
Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 15 kHz

DC Voltage: 1,5 V

	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
Ref Lvl	-5.41 dBm	VBW	10 kHz		
0 dBm	537.93306613 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:33:01

Test Equipment used: NT-207



**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

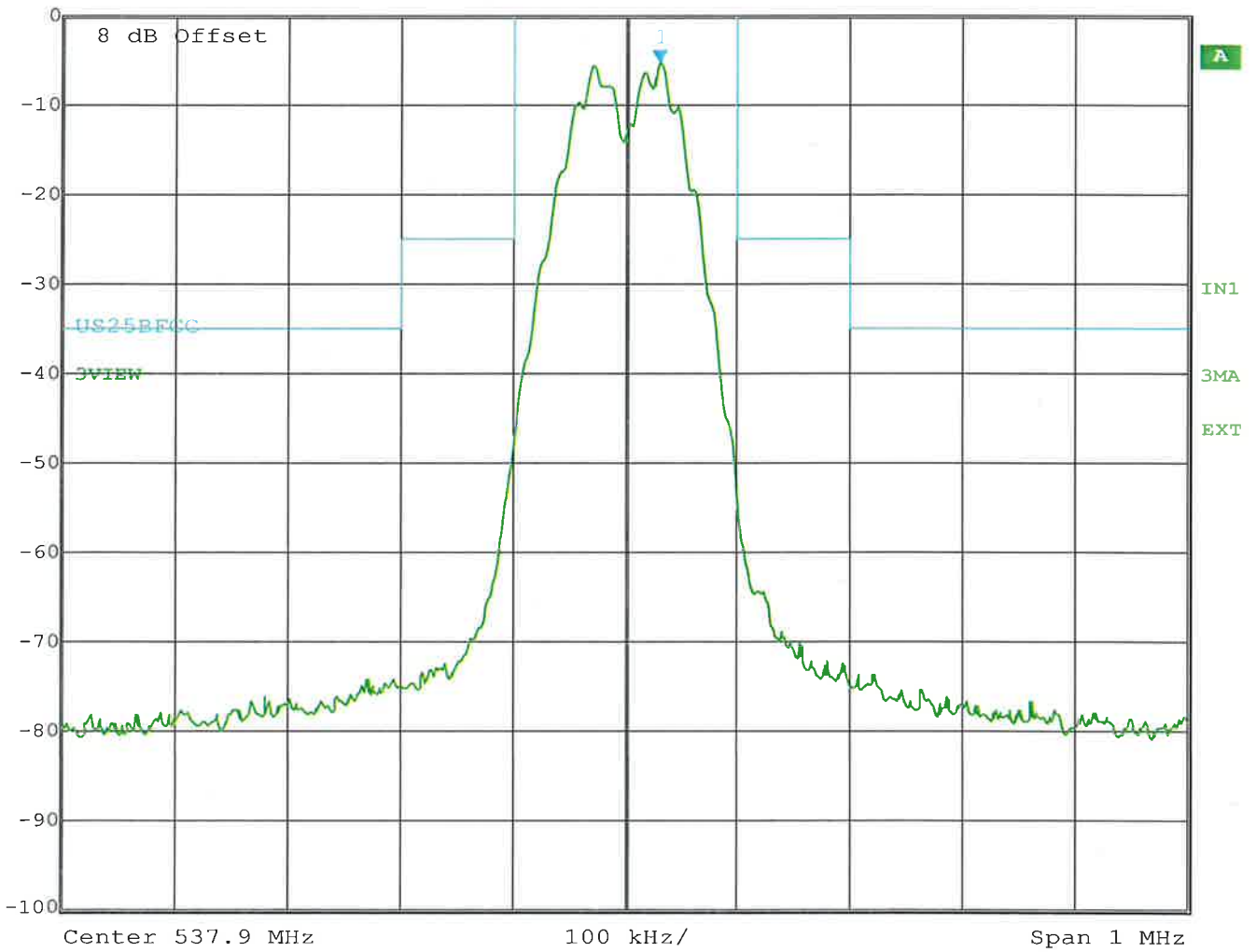
Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 15 kHz

DC Voltage: 1 V

	Ref Lvl	0 dBm	Marker 1 [T3]	537.93106212 MHz	-5.44 dBm	RBW	10 kHz	RF Att	10 dB	VBW	10 kHz	SWT	25 ms	Unit	dBm
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Date: 16.SEP.2015 14:33:29

Test Equipment used: NT-207

**Emissions Mask**

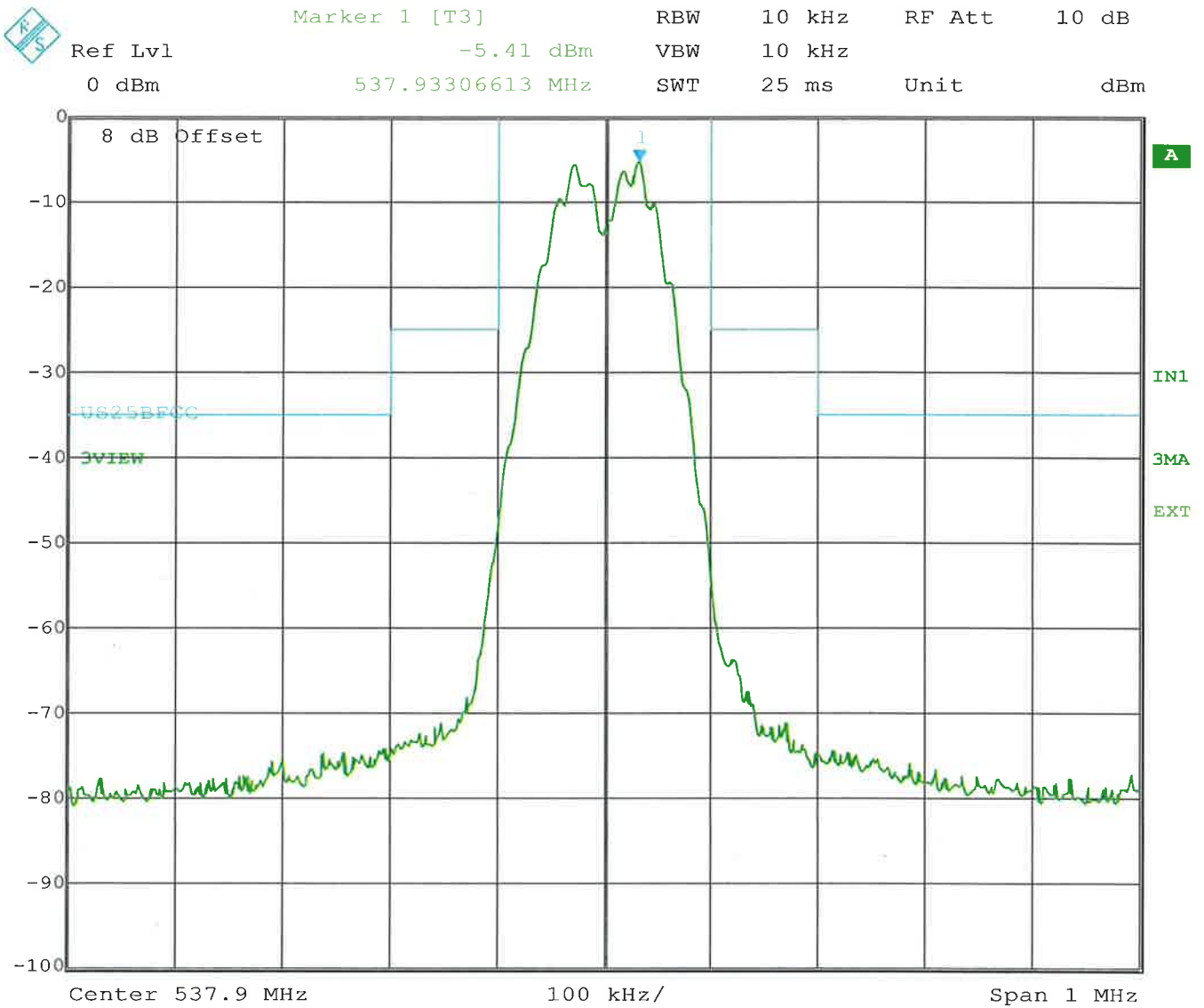
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 15 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:30:32

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

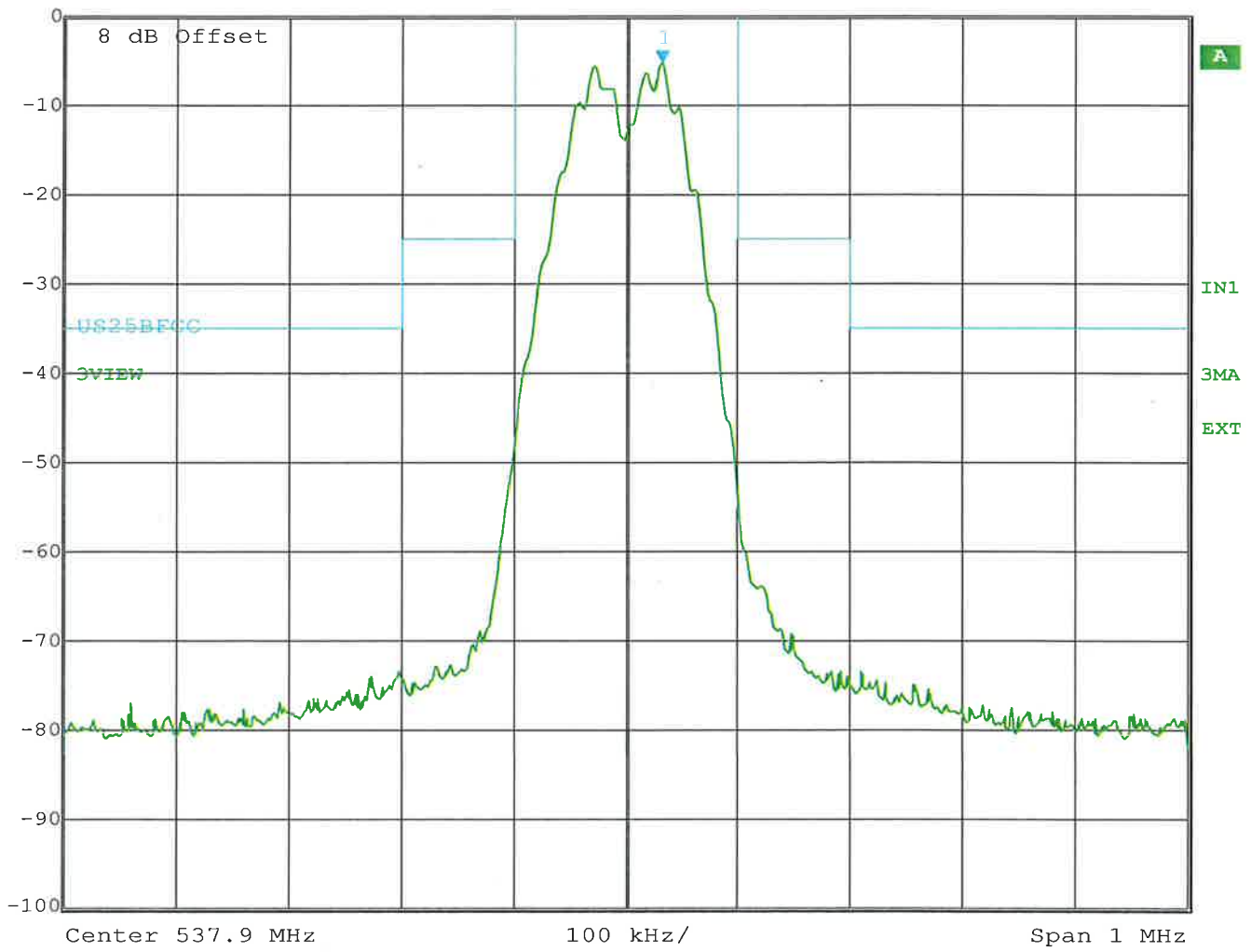
Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 15 kHz

DC Voltage: 1 V

	Ref Lvl	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
	0 dBm	-5.49 dBm	VBW	10 kHz		
		537.93306613 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:30:09

Test Equipment used: NT-207

**Emissions Mask**

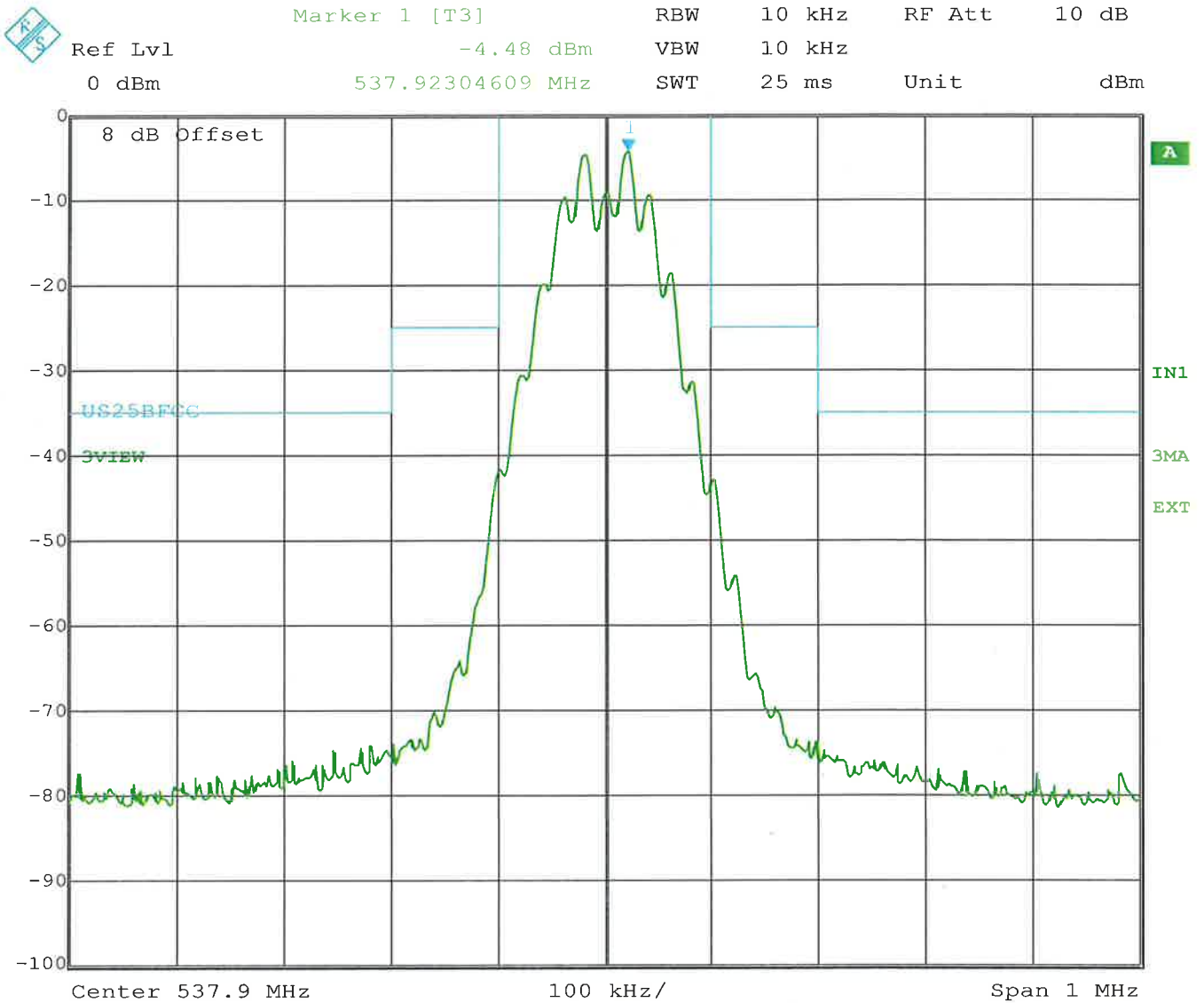
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 20 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:36:25

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

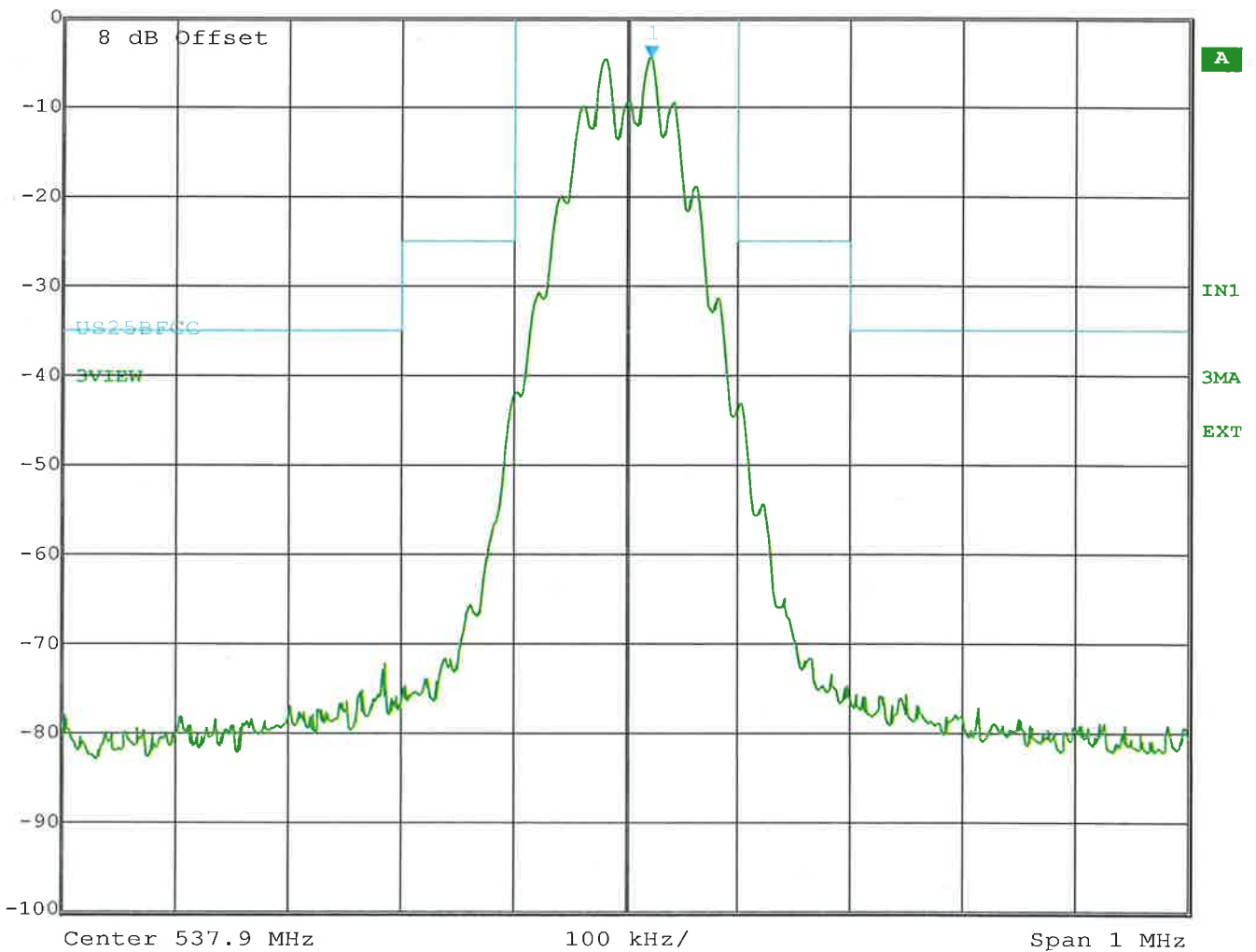
Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 20 kHz

DC Voltage: 1 V

	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
Ref Lvl	-4.64 dBm	VBW	10 kHz		
0 dBm	537.92304609 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:32:10

Test Equipment used: NT-207

**Emissions Mask**

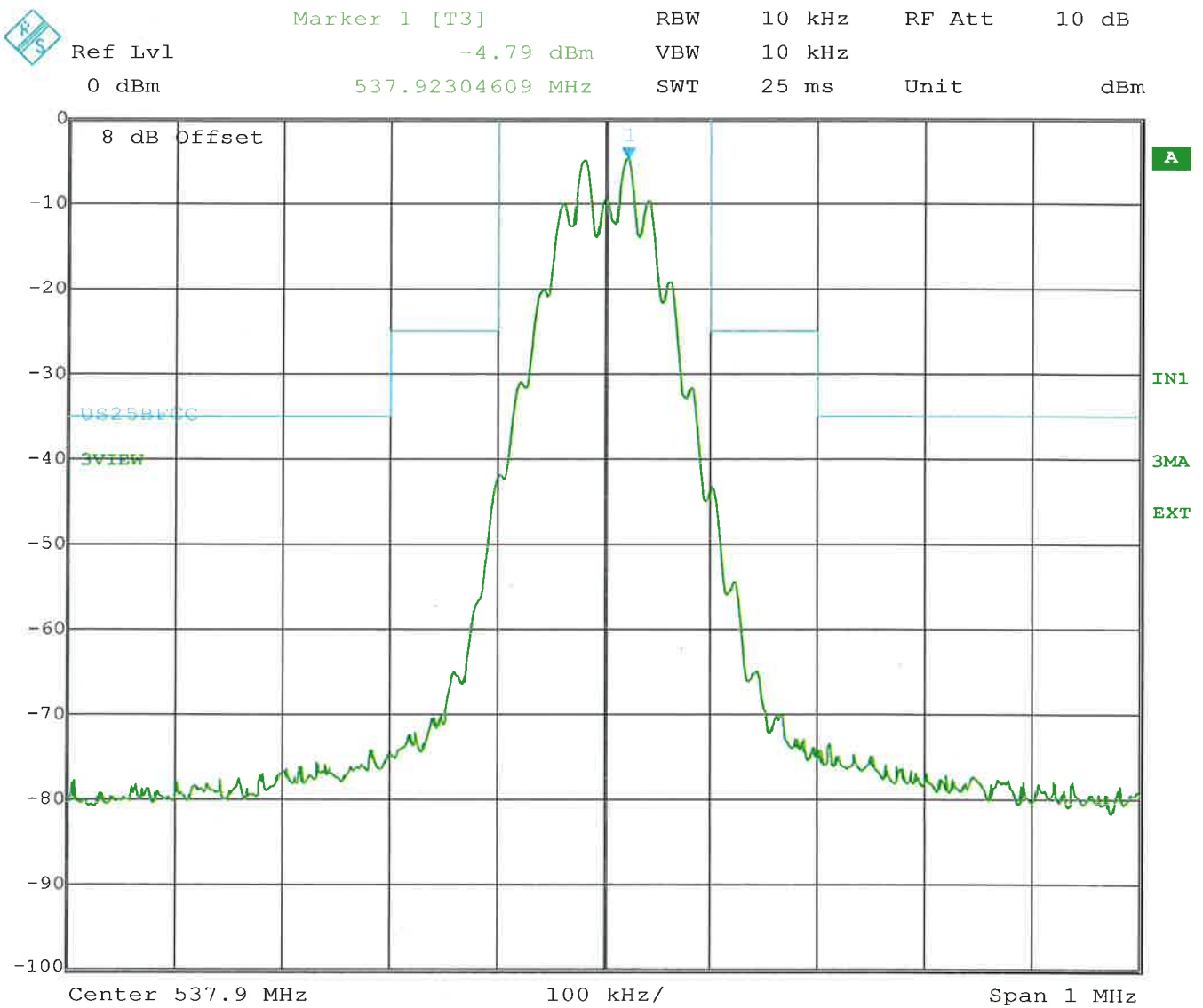
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 20 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:31:01

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

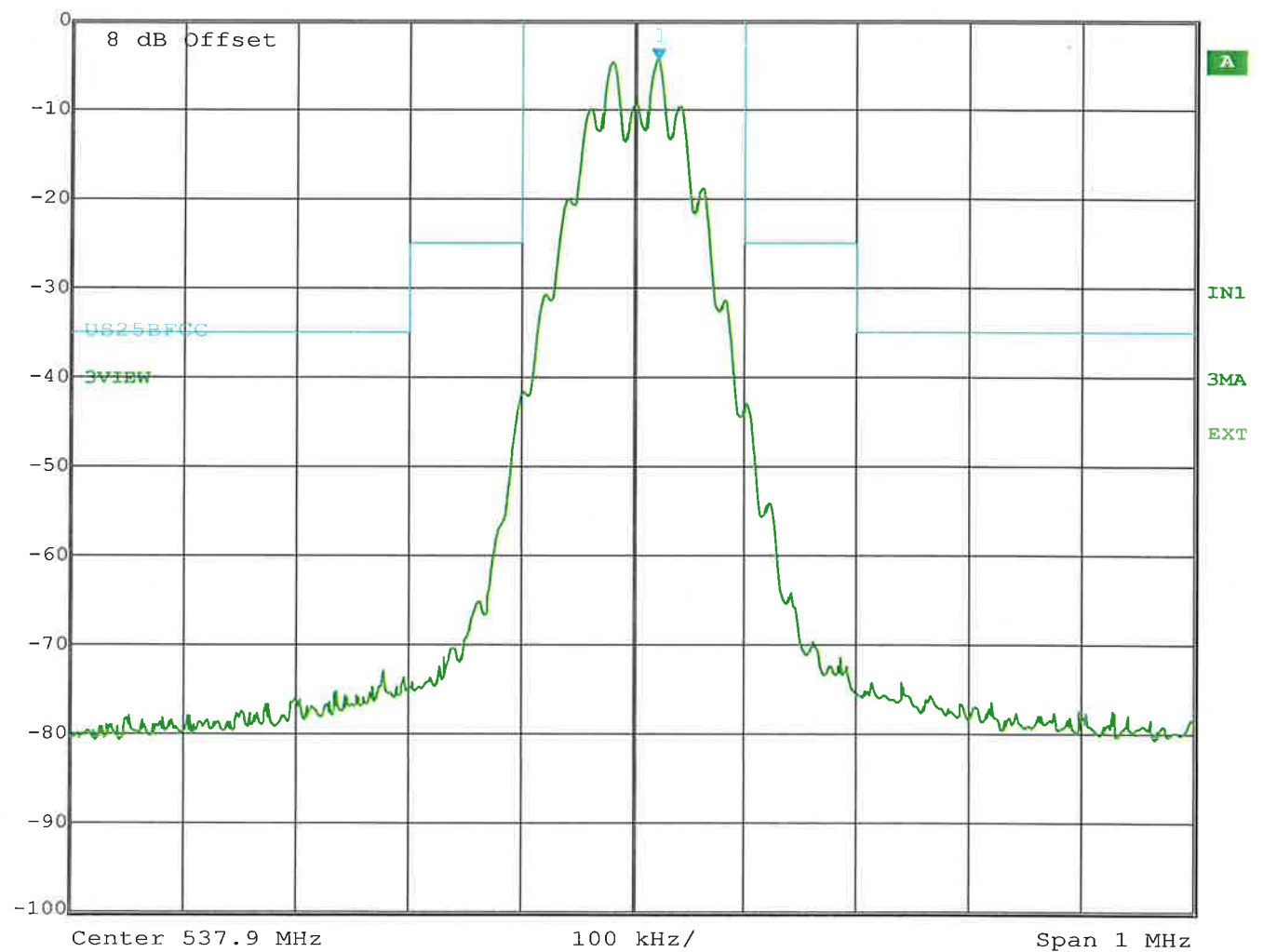
Operating mode:

Frequency: 537,9 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 20 kHz

DC Voltage: 1 V

	Ref Lvl	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
	0 dBm	-4.68 dBm	VBW	10 kHz		
		537.92304609 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:31:28

Test Equipment used: NT-207

**Emissions Mask**

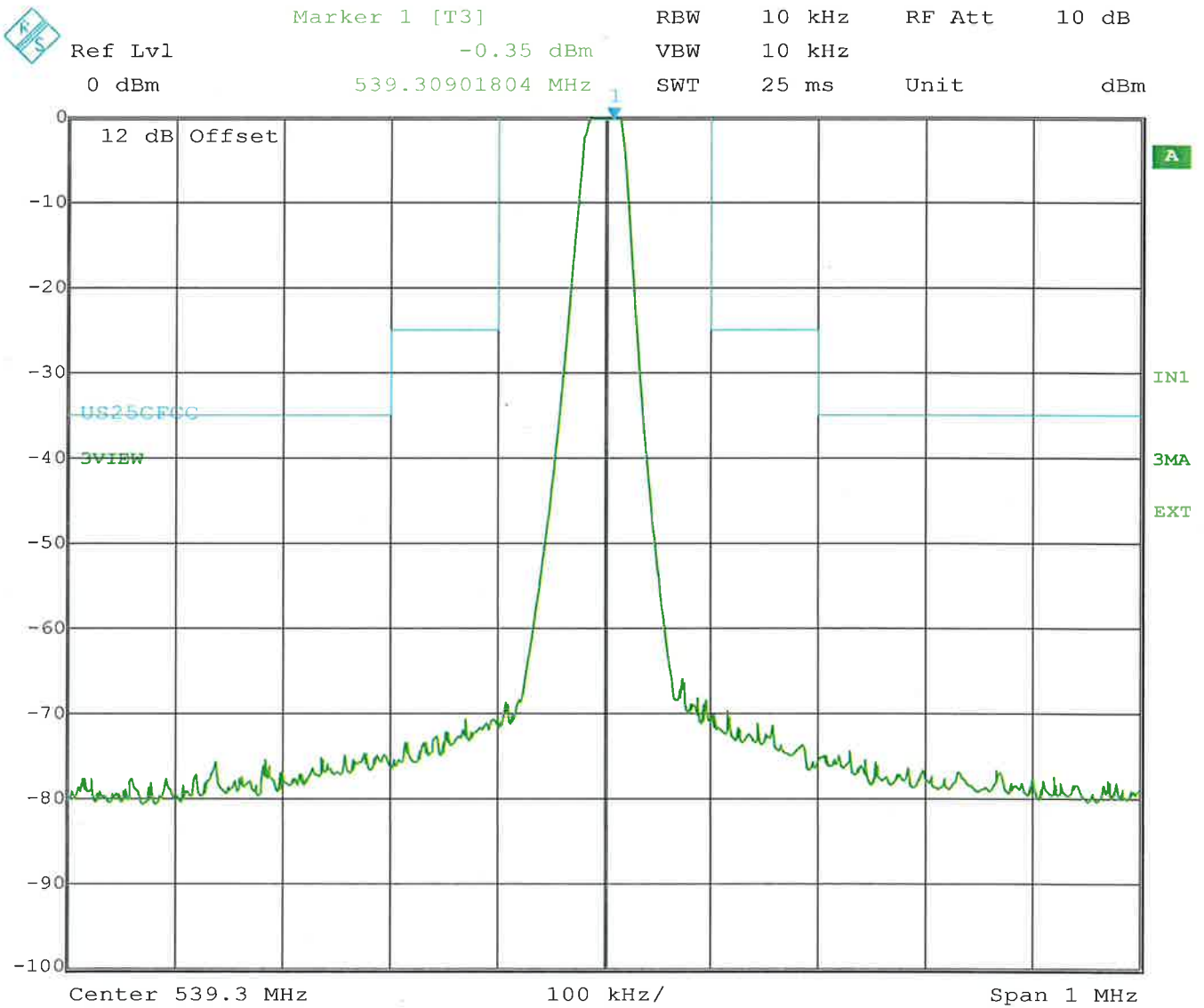
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 1 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:38:23

Test Equipment used: NT-207



**Emissions Mask**

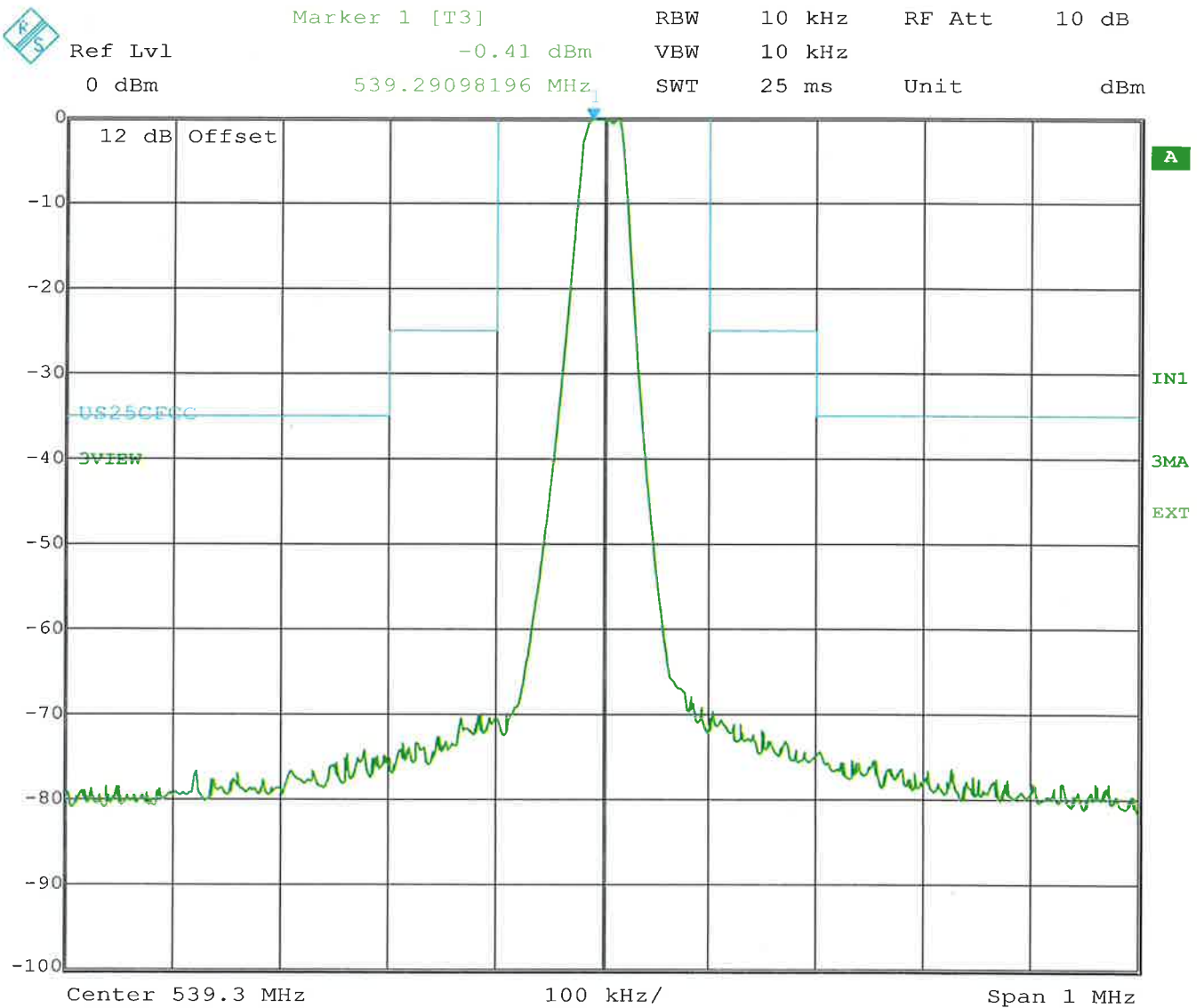
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 1 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:39:07

Test Equipment used: NT-207

**Emissions Mask**

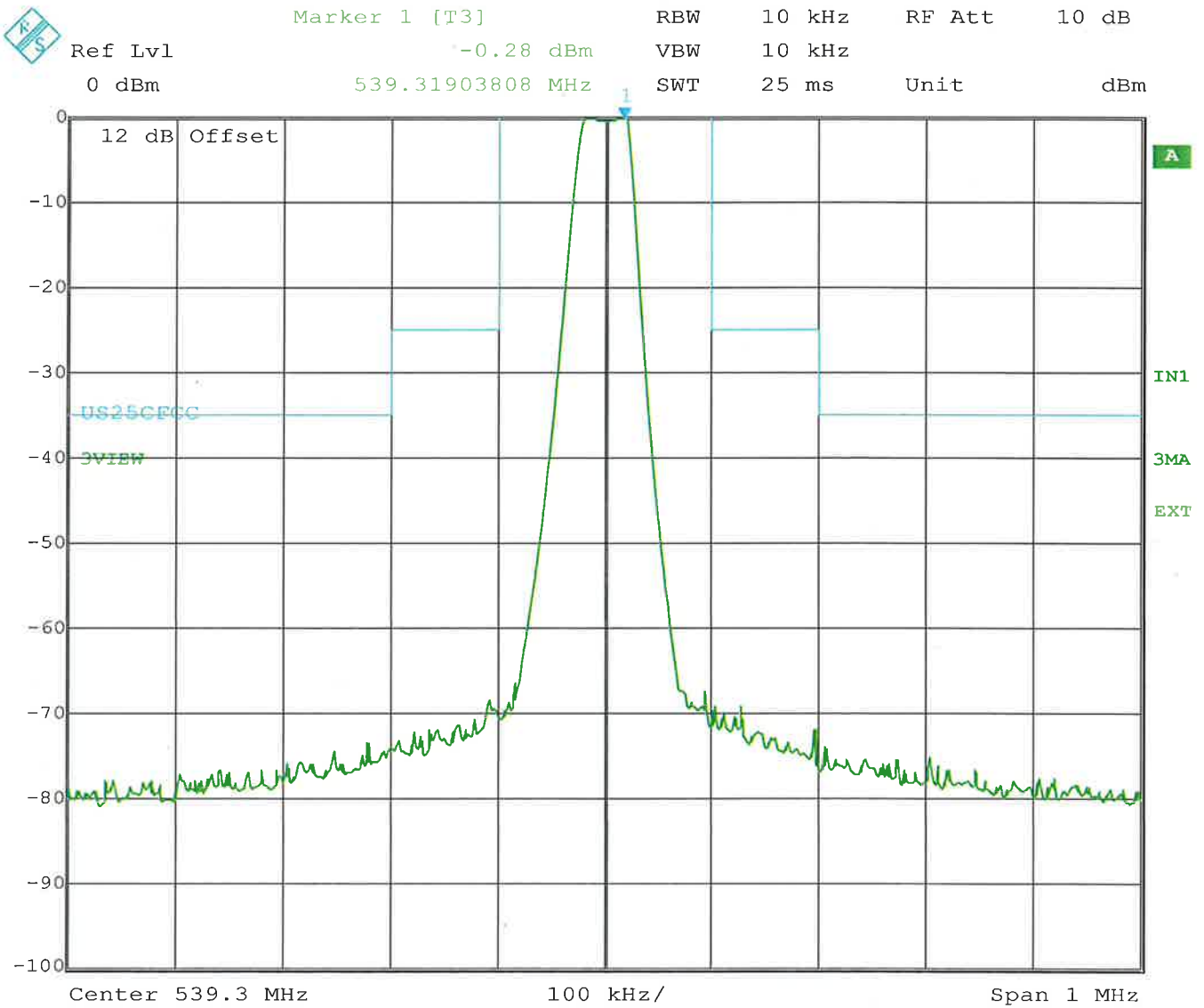
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 1 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:50:35

Test Equipment used: NT-207

**Emissions Mask**

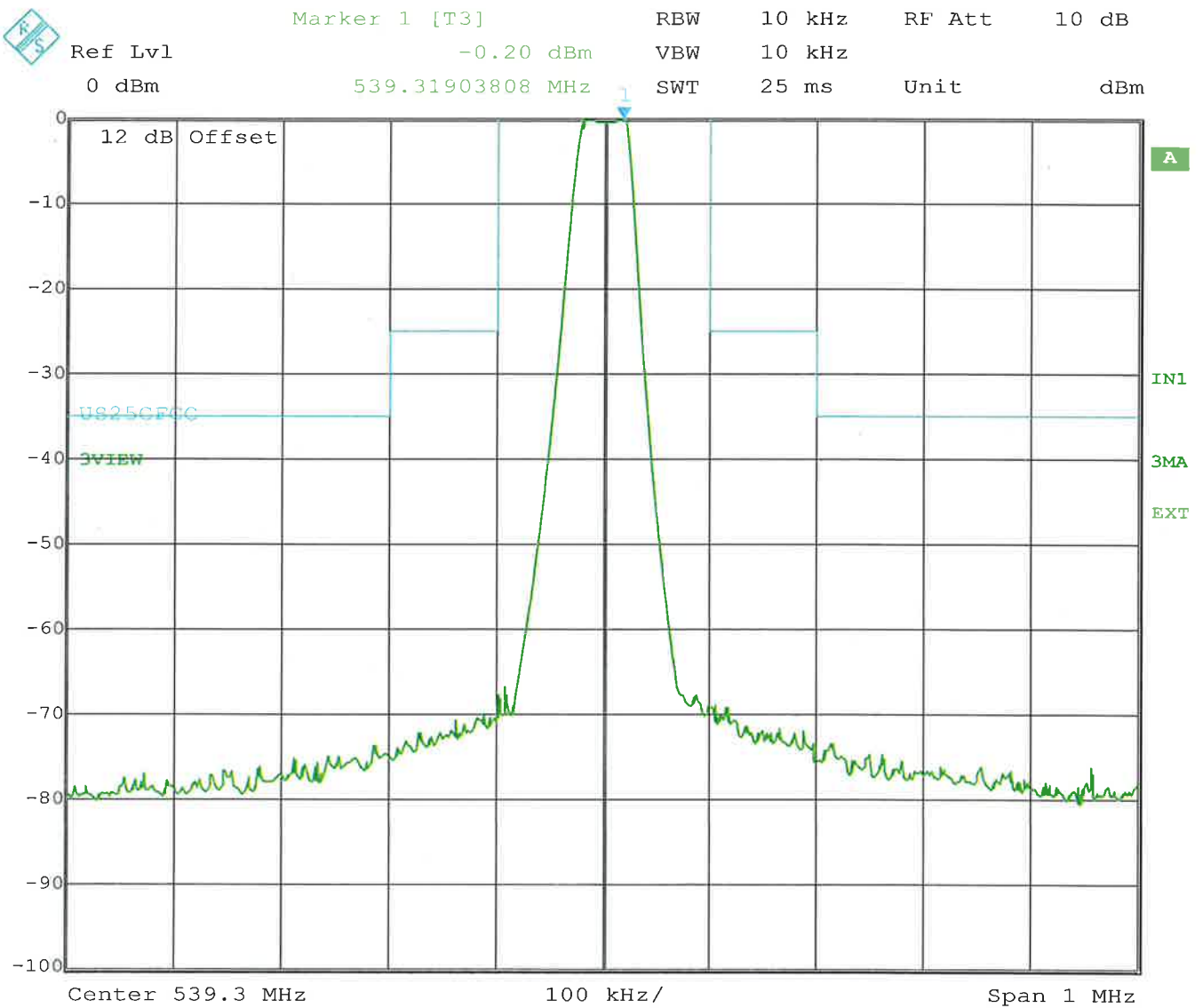
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 1 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:50:09

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

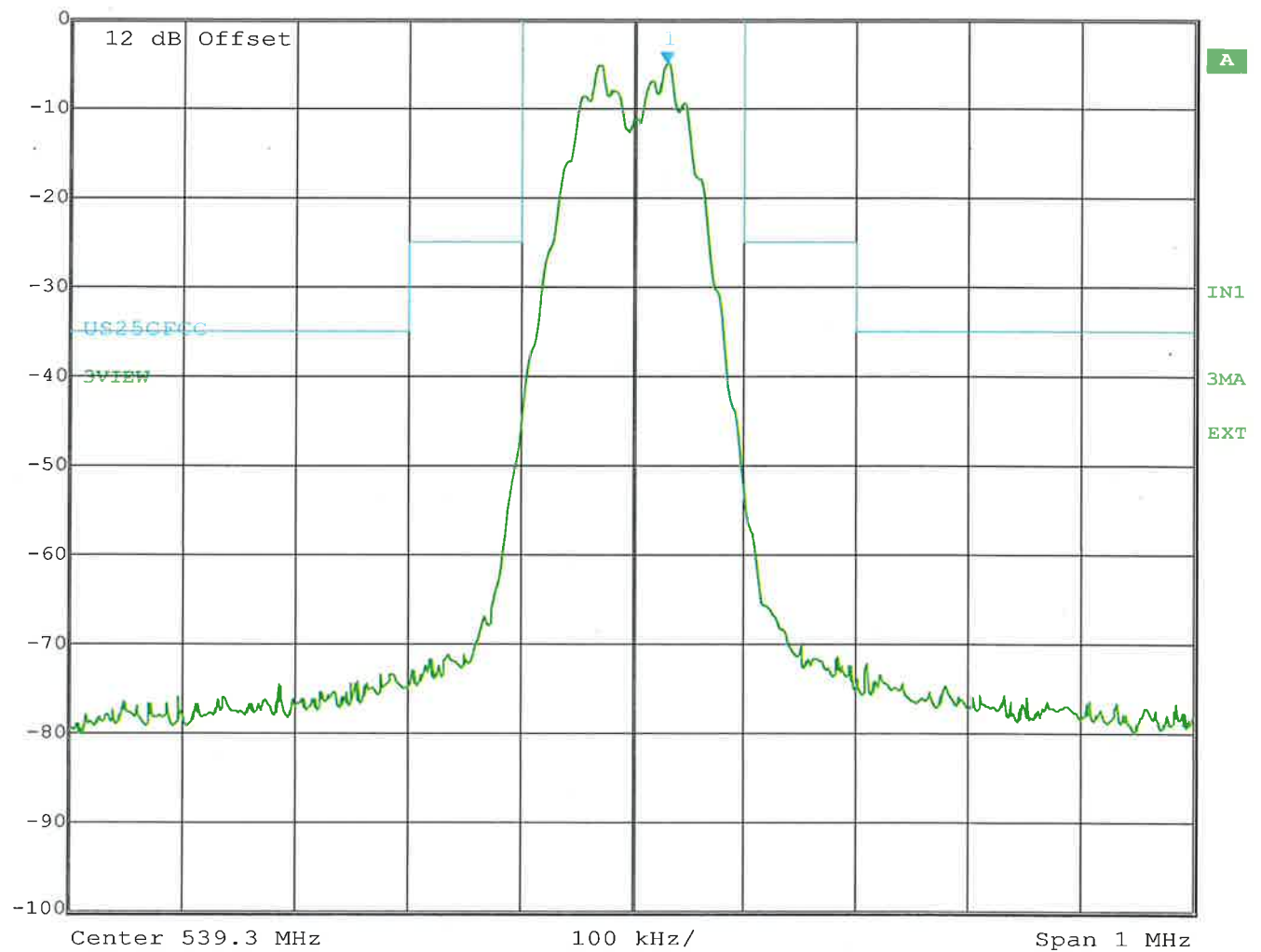
Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 15 kHz

DC Voltage: 1,5 V

	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
Ref Lvl	-5.09 dBm	VBW	10 kHz		
0 dBm	539.33106212 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:40:09

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

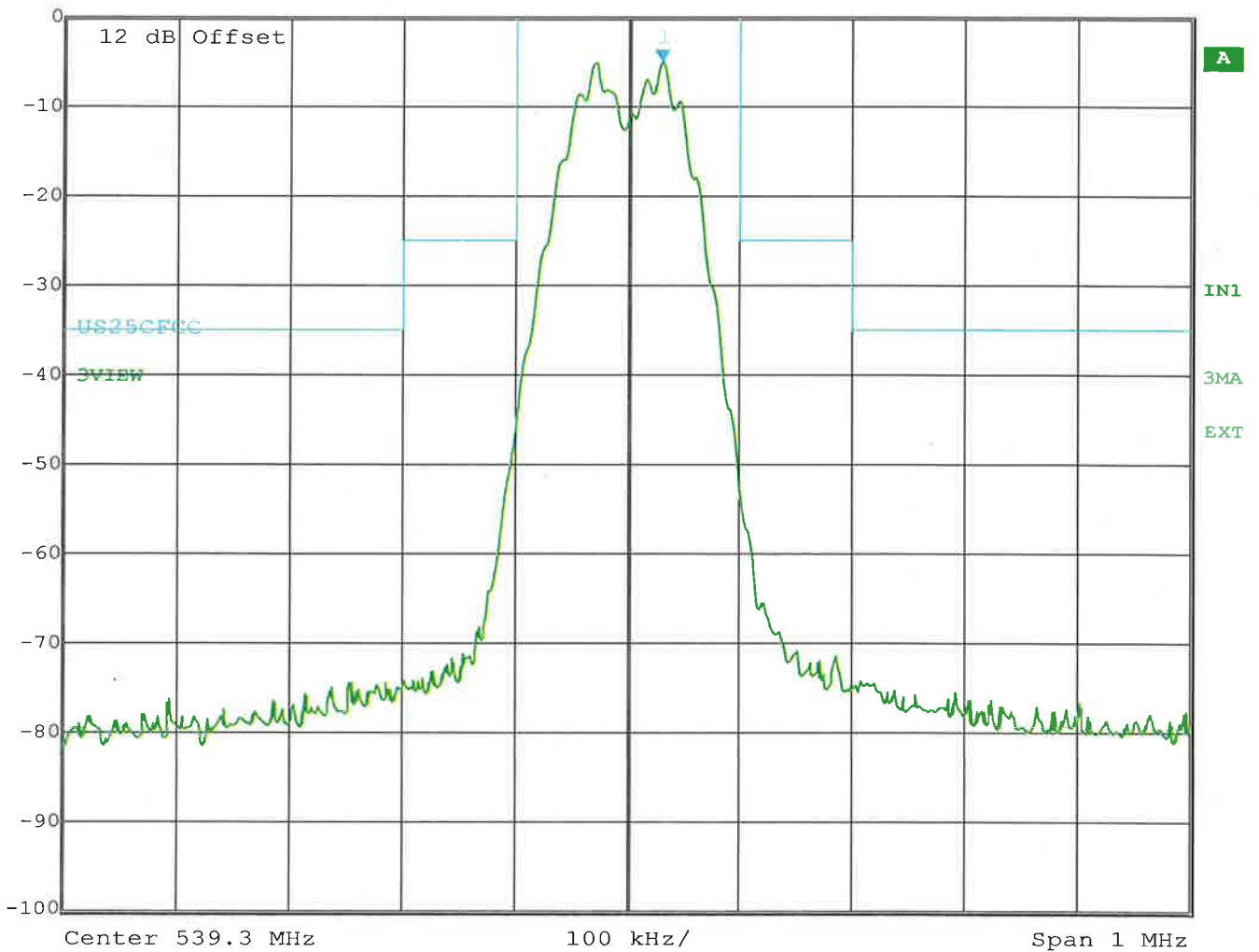
Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 15 kHz

DC Voltage: 1 V

	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
Ref Lvl	-5.05 dBm	VBW	10 kHz		
0 dBm	539.33106212 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:39:40

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

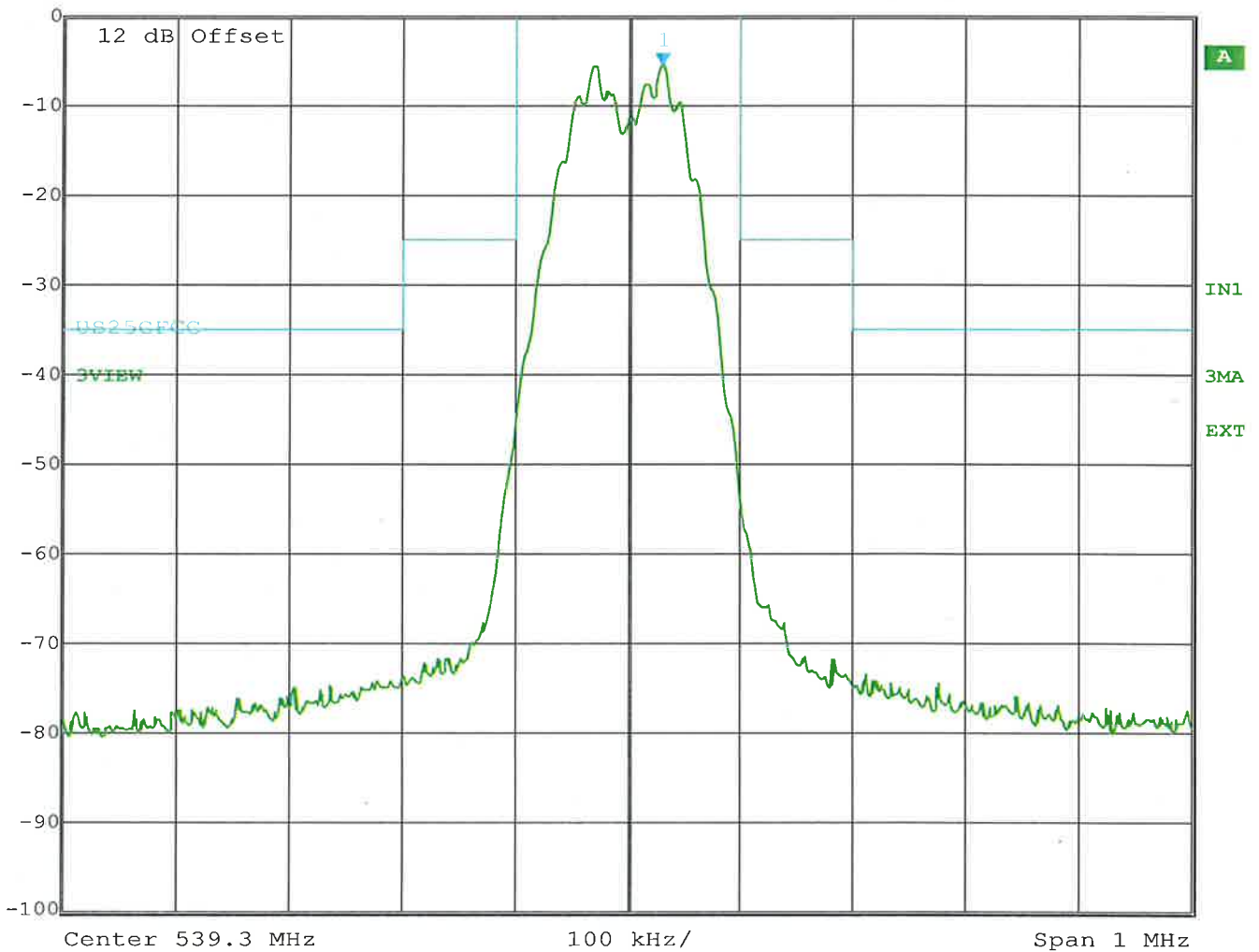
Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 15 kHz

DC Voltage: 1,5 V

 Marker 1 [T3] RBW 10 kHz RF Att 10 dB  
Ref Lvl -5.61 dBm VBW 10 kHz  
0 dBm 539.33106212 MHz SWT 25 ms Unit dBm



Date: 16.SEP.2015 14:49:25

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

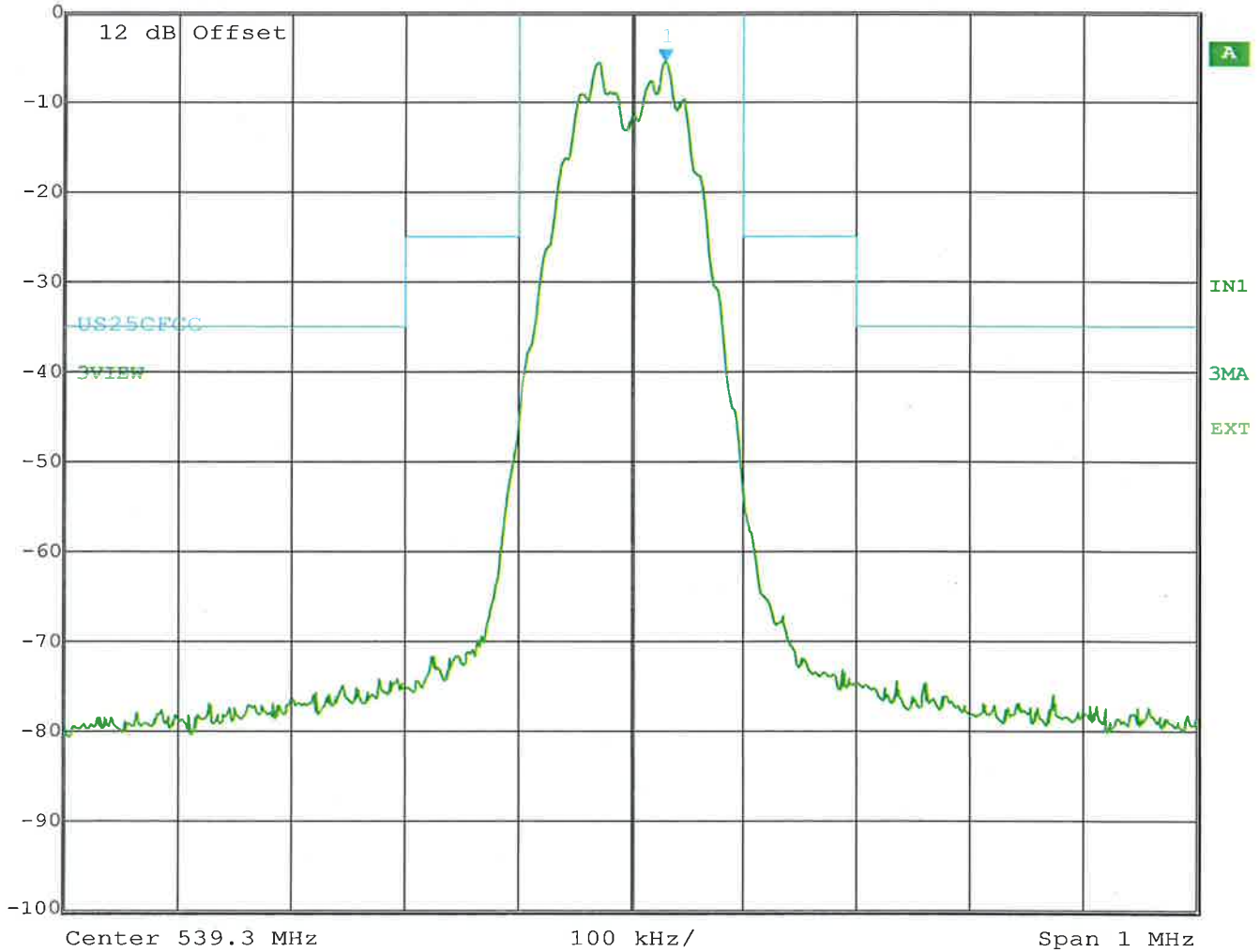
Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 15 kHz

DC Voltage: 1 V

	Ref Lvl	0 dBm	Marker 1 [T3]	-5.65 dBm	539.33106212 MHz	RBW	10 kHz	RF Att	10 dB	VBW	10 kHz	SWT	25 ms	Unit	dBm
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Date: 16.SEP.2015 14:49:47

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

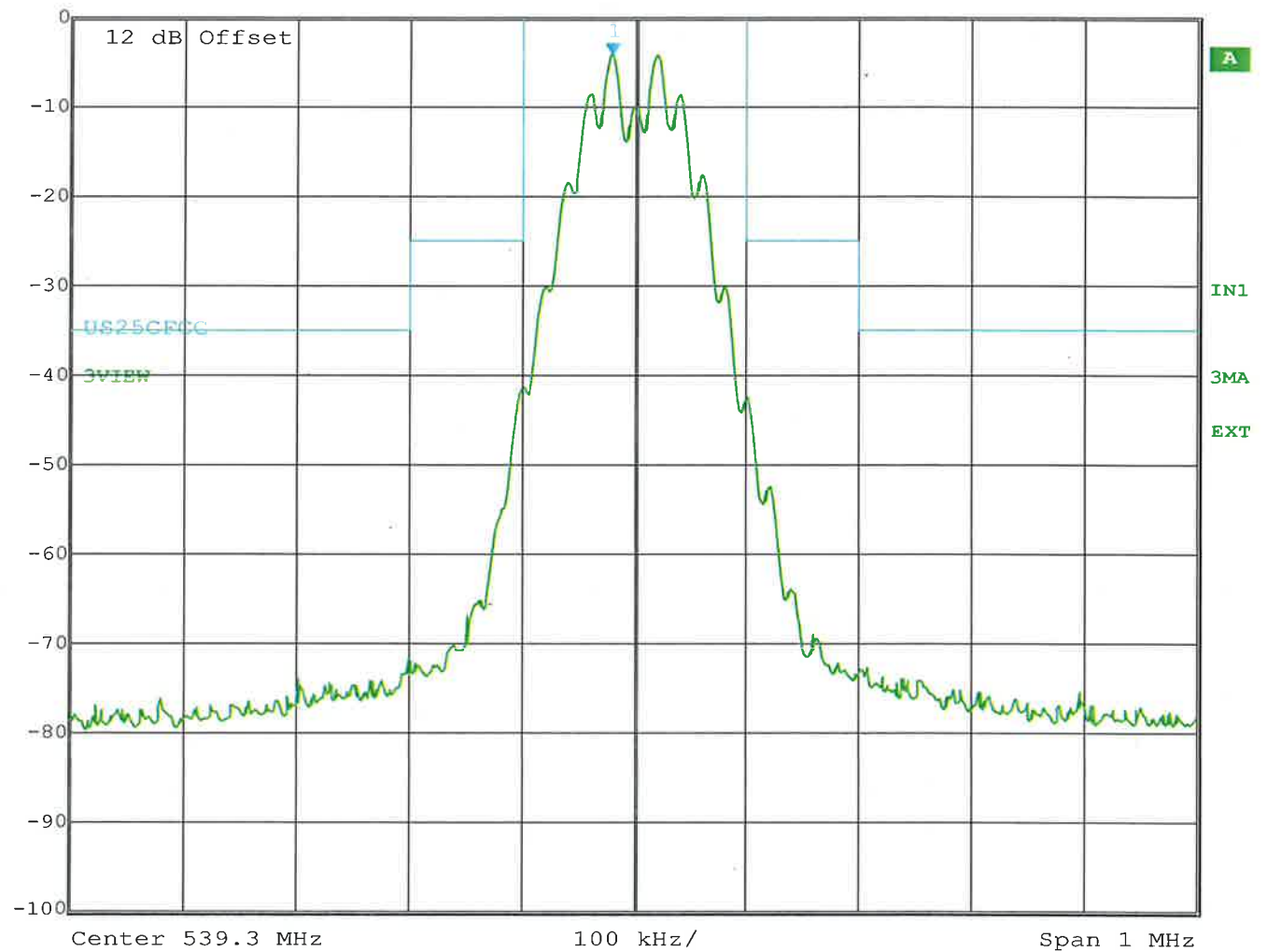
Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 20 kHz

DC Voltage: 1,5 V

	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
Ref Lvl	-4.41 dBm	VBW	10 kHz		
0 dBm	539.28096192 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:40:38

Test Equipment used: NT-207



**Emissions Mask**

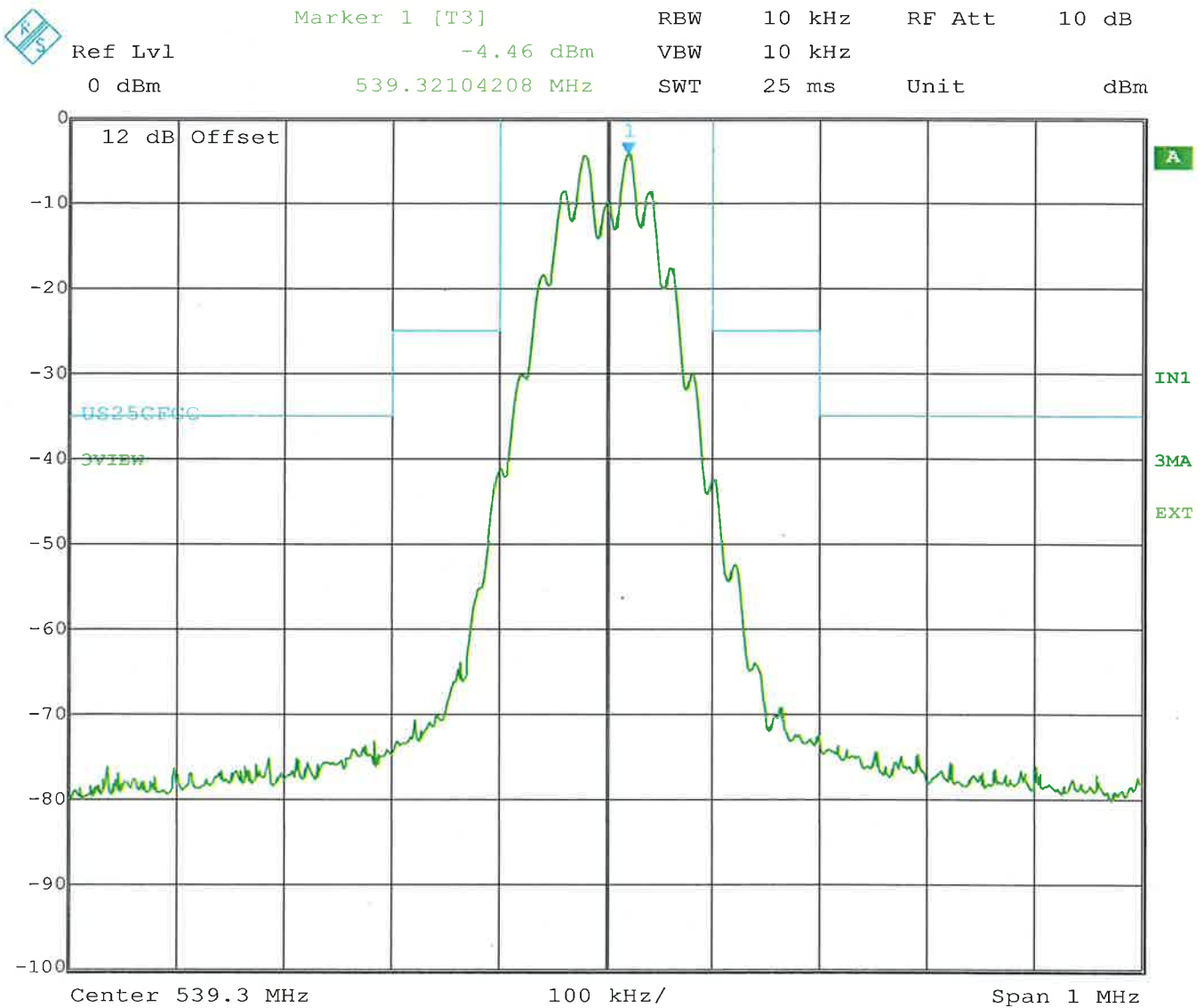
**§ 74.261 (e)(6)  
(6.3)**

Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 20 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:41:01

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

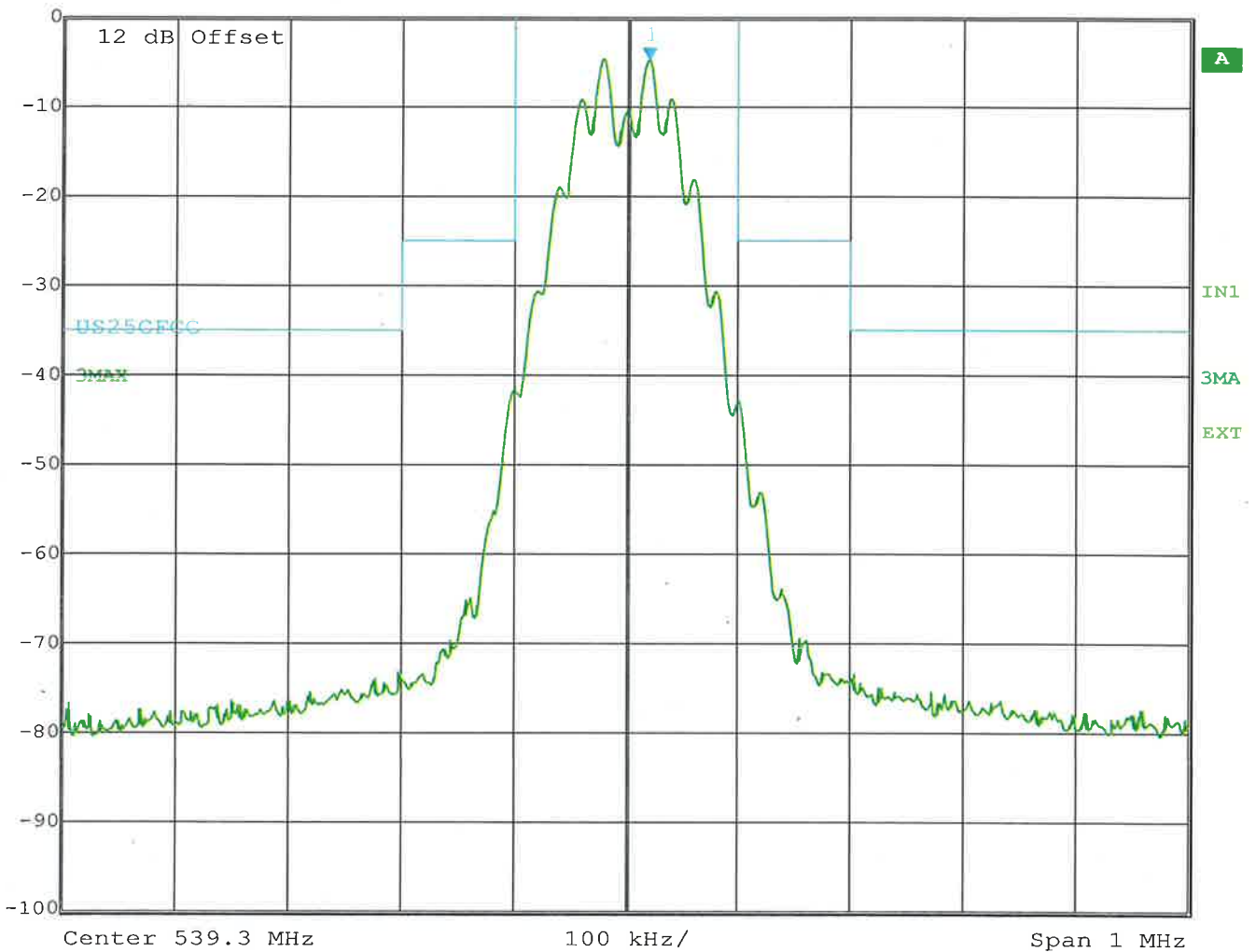
Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 20 kHz

DC Voltage: 1,5 V

	Ref Lvl	0 dBm	Marker 1 [T3]	-4.98 dBm	539.32104208 MHz	RBW	10 kHz	RF Att	10 dB	VBW	10 kHz	SWT	25 ms	Unit	dBm
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Date: 16.SEP.2015 14:48:58

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

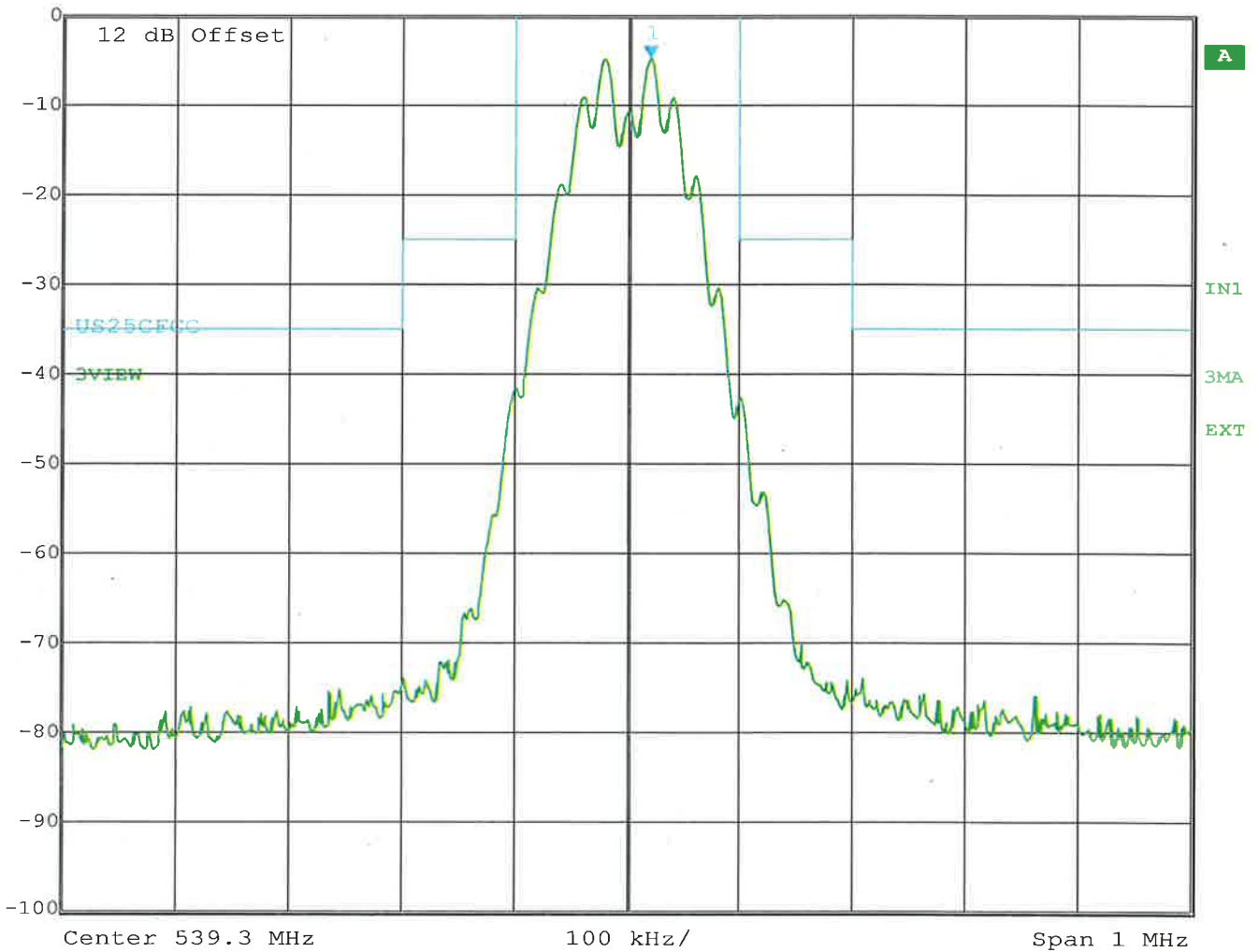
Operating mode:

Frequency: 539,3 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 20 kHz

DC Voltage: 1 V

	Ref Lvl	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
	0 dBm	-4.87 dBm	VBW	10 kHz		
		539.32104208 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:48:31

Test Equipment used: NT-207

**Emissions Mask**

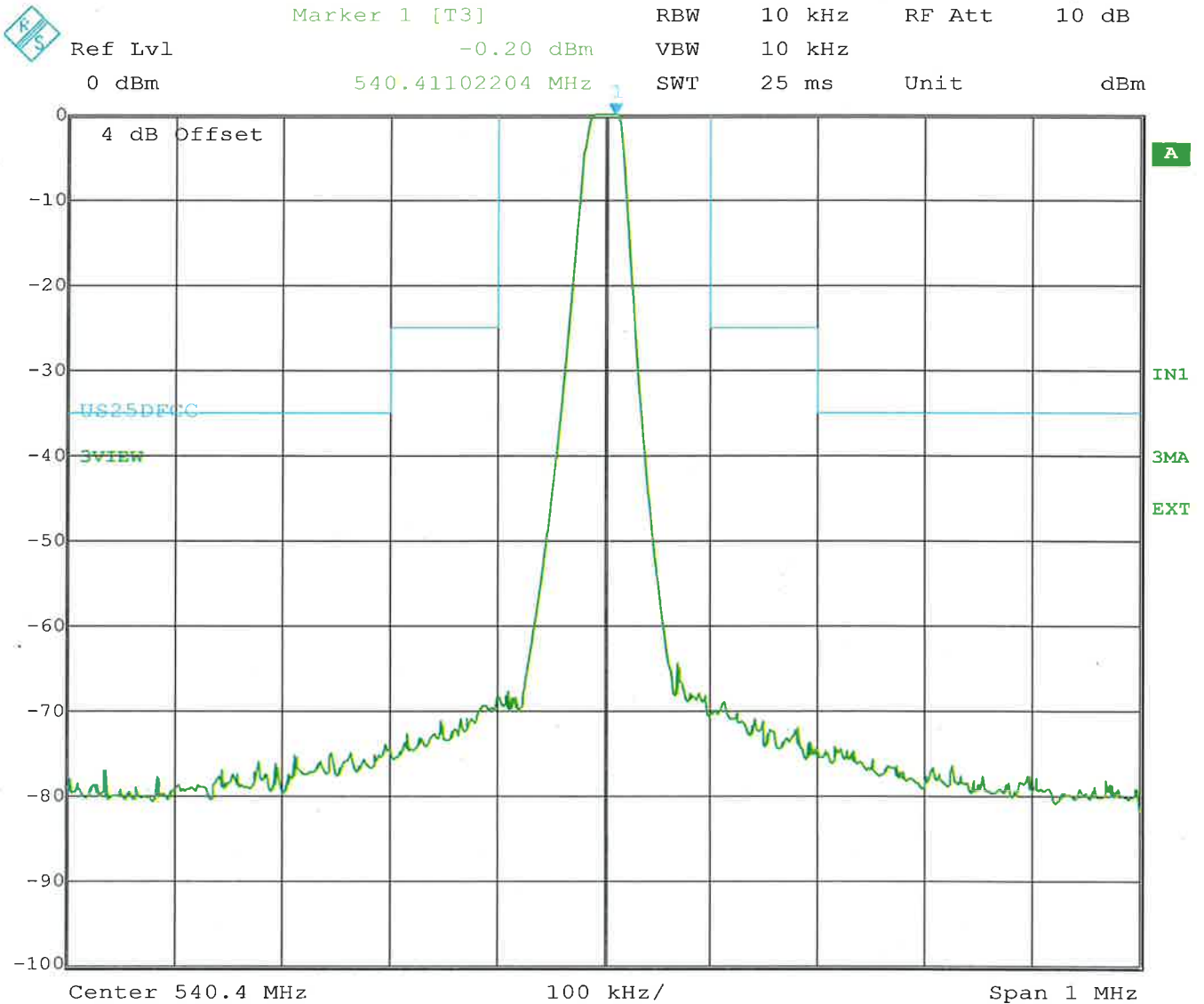
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 1 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:59:02

Test Equipment used: NT-207

**Emissions Mask**

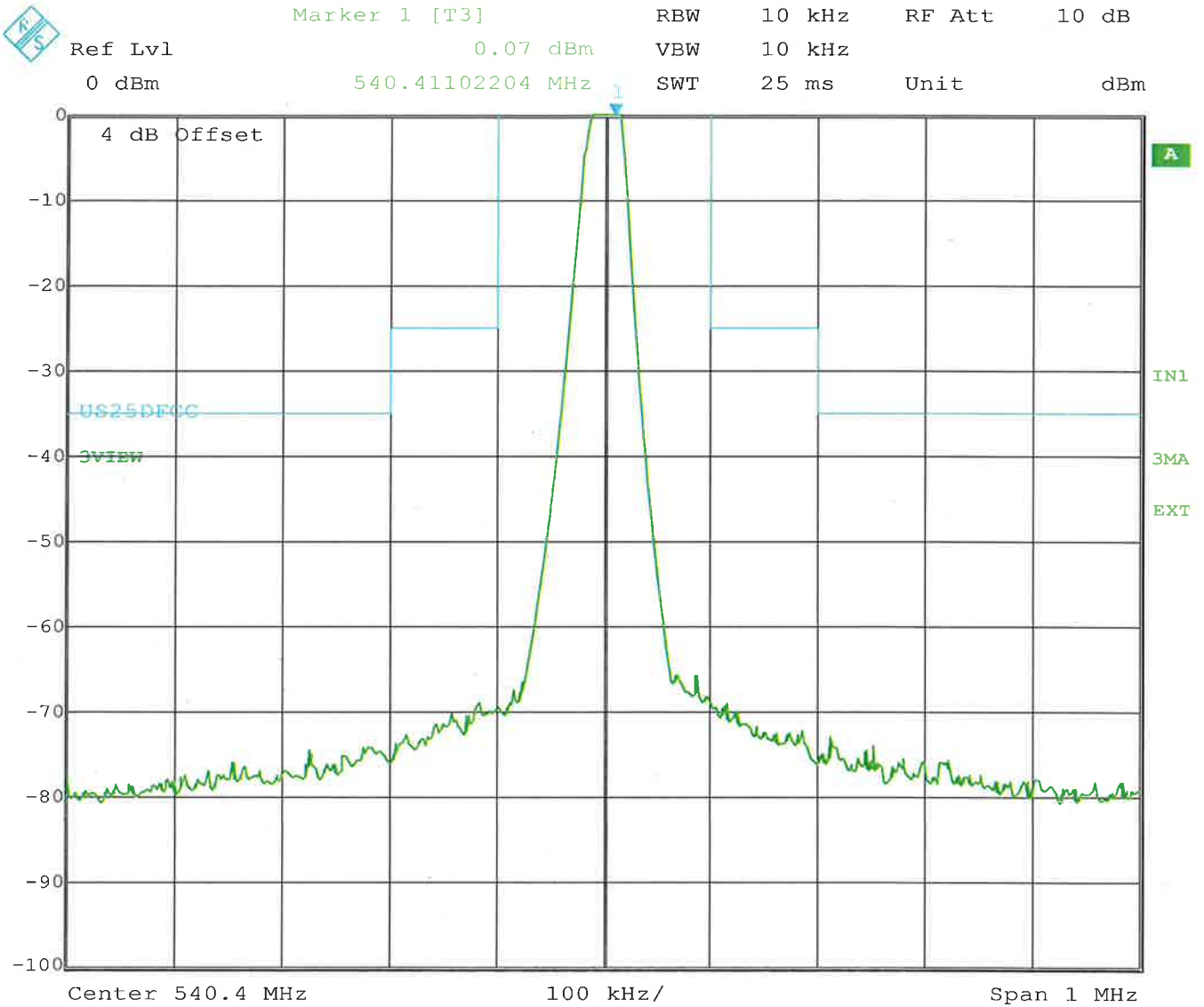
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 1 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:58:32

Test Equipment used: NT-207

**Emissions Mask**

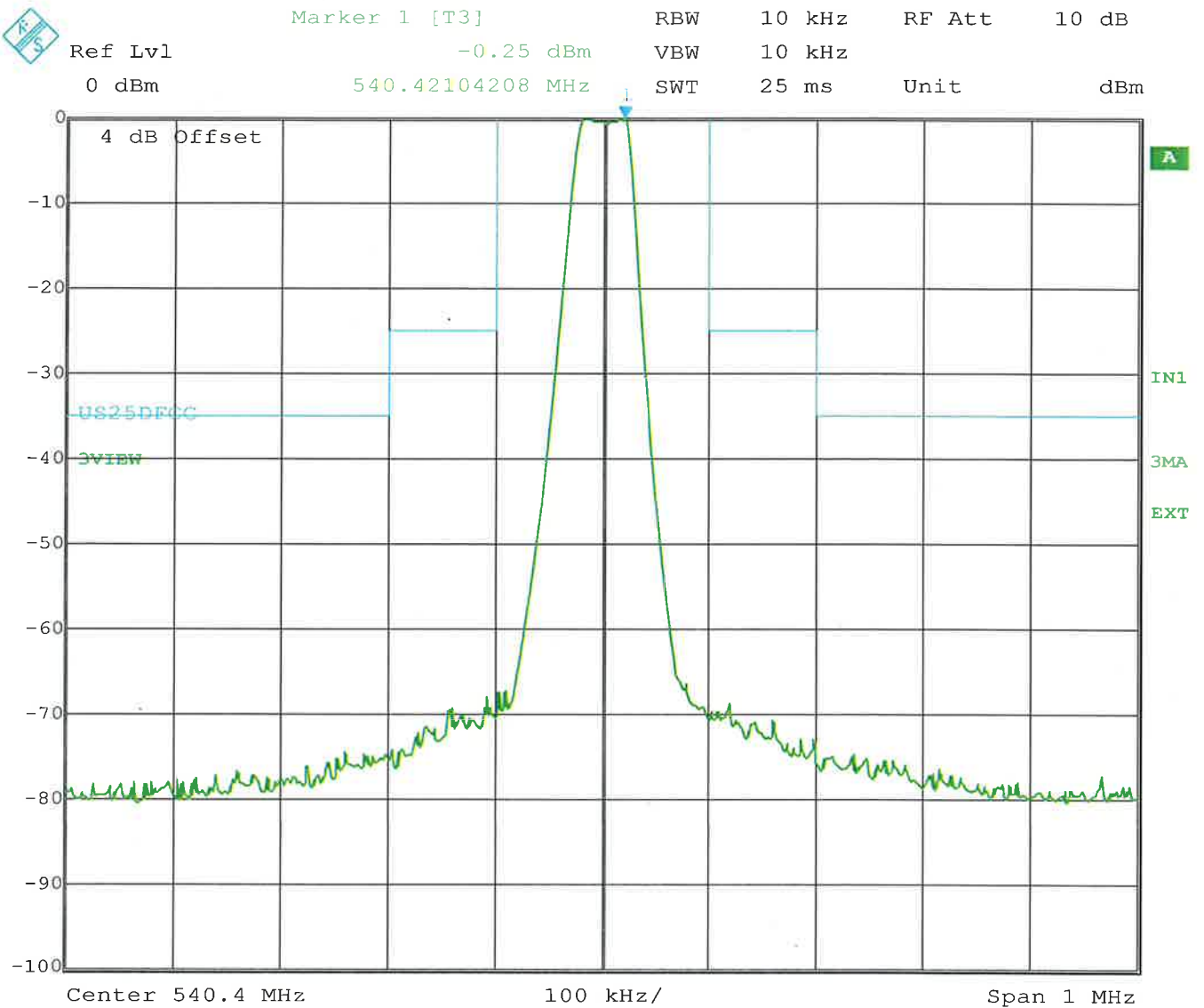
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 1 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 14:57:42

Test Equipment used: NT-207

**Emissions Mask**

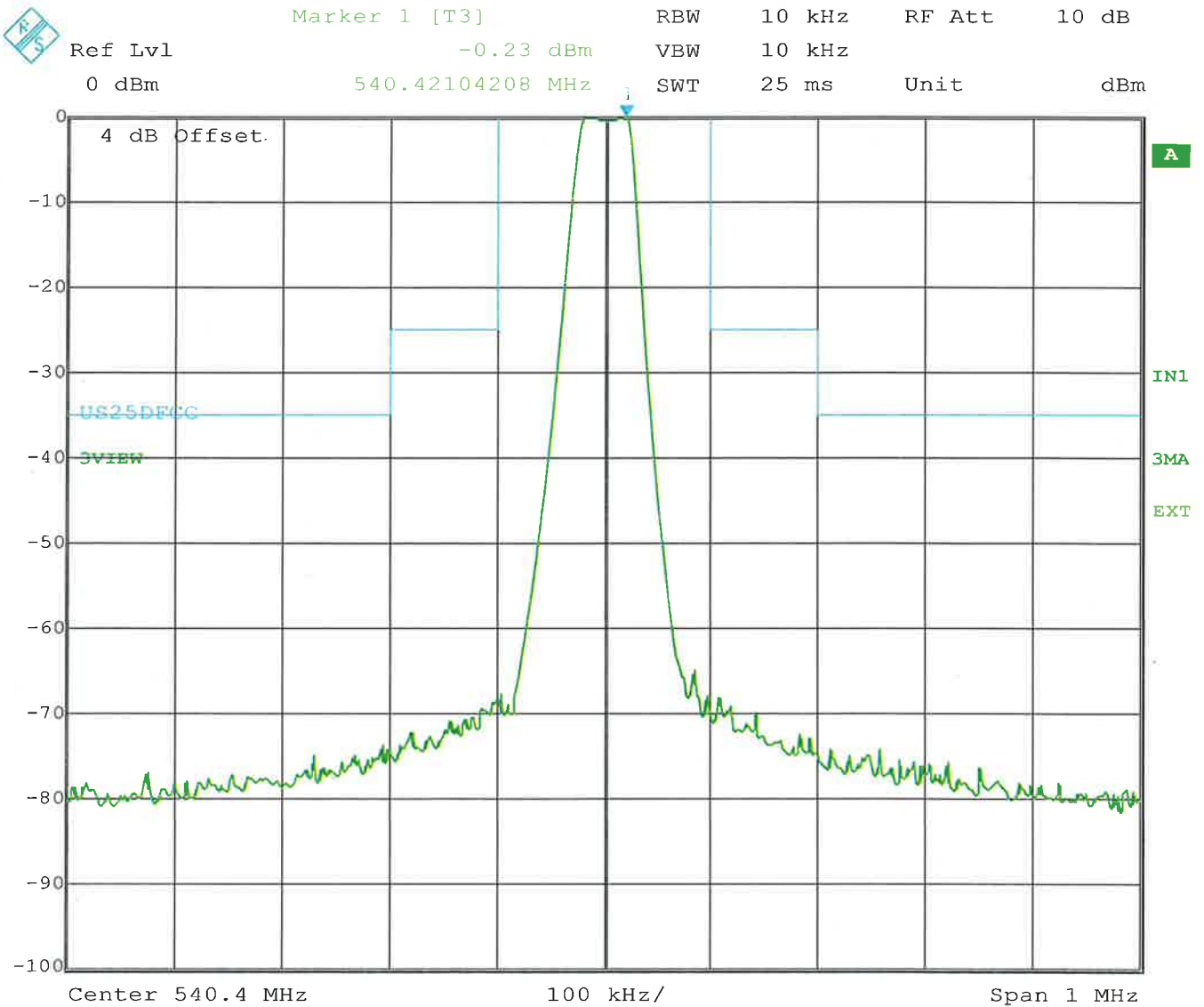
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 1 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:58:02

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

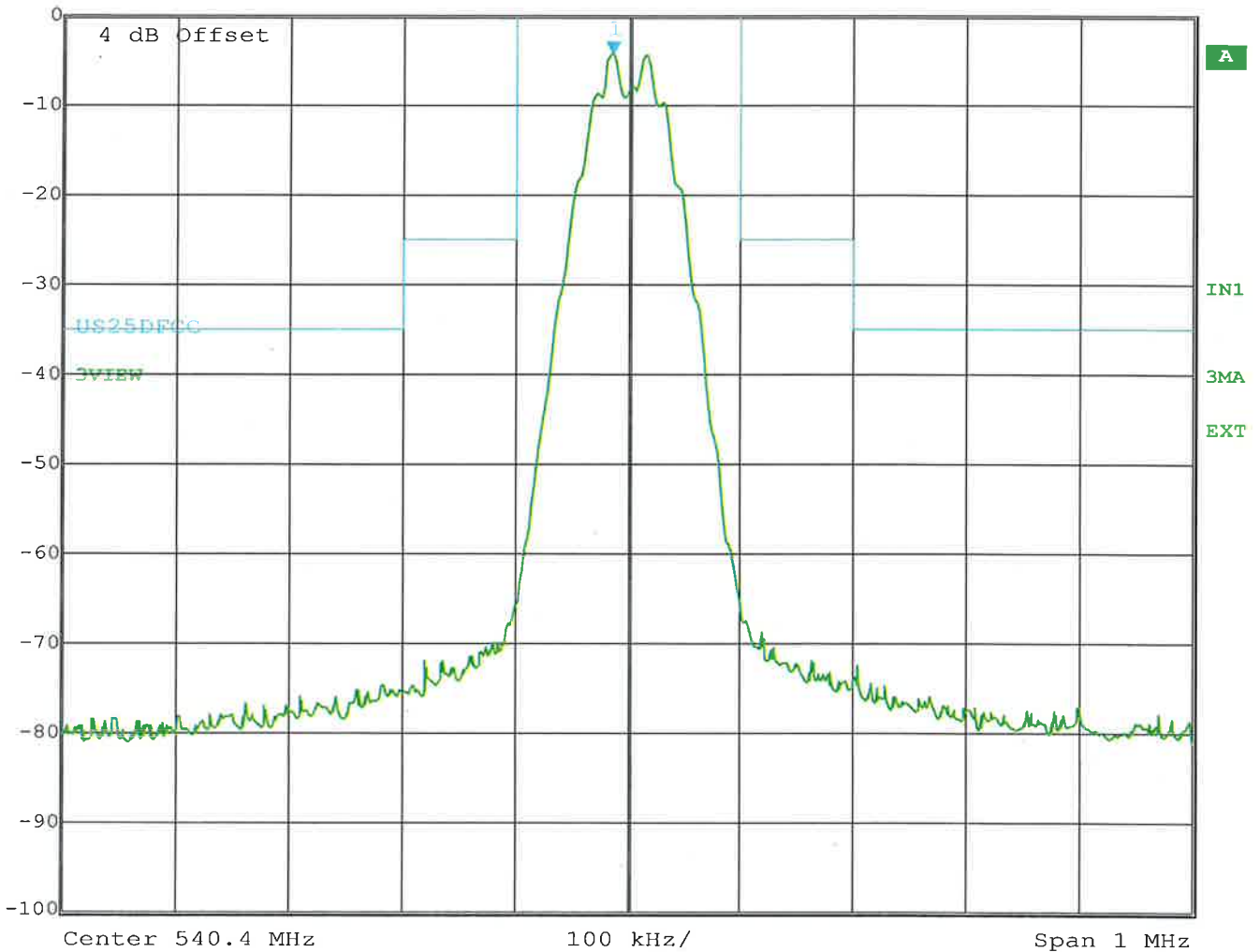
Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 15 kHz

DC Voltage: 1,5 V

	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
Ref Lvl	-4.36 dBm	VBW	10 kHz		
0 dBm	540.38697395 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:59:28

Test Equipment used: NT-207



**Emissions Mask**

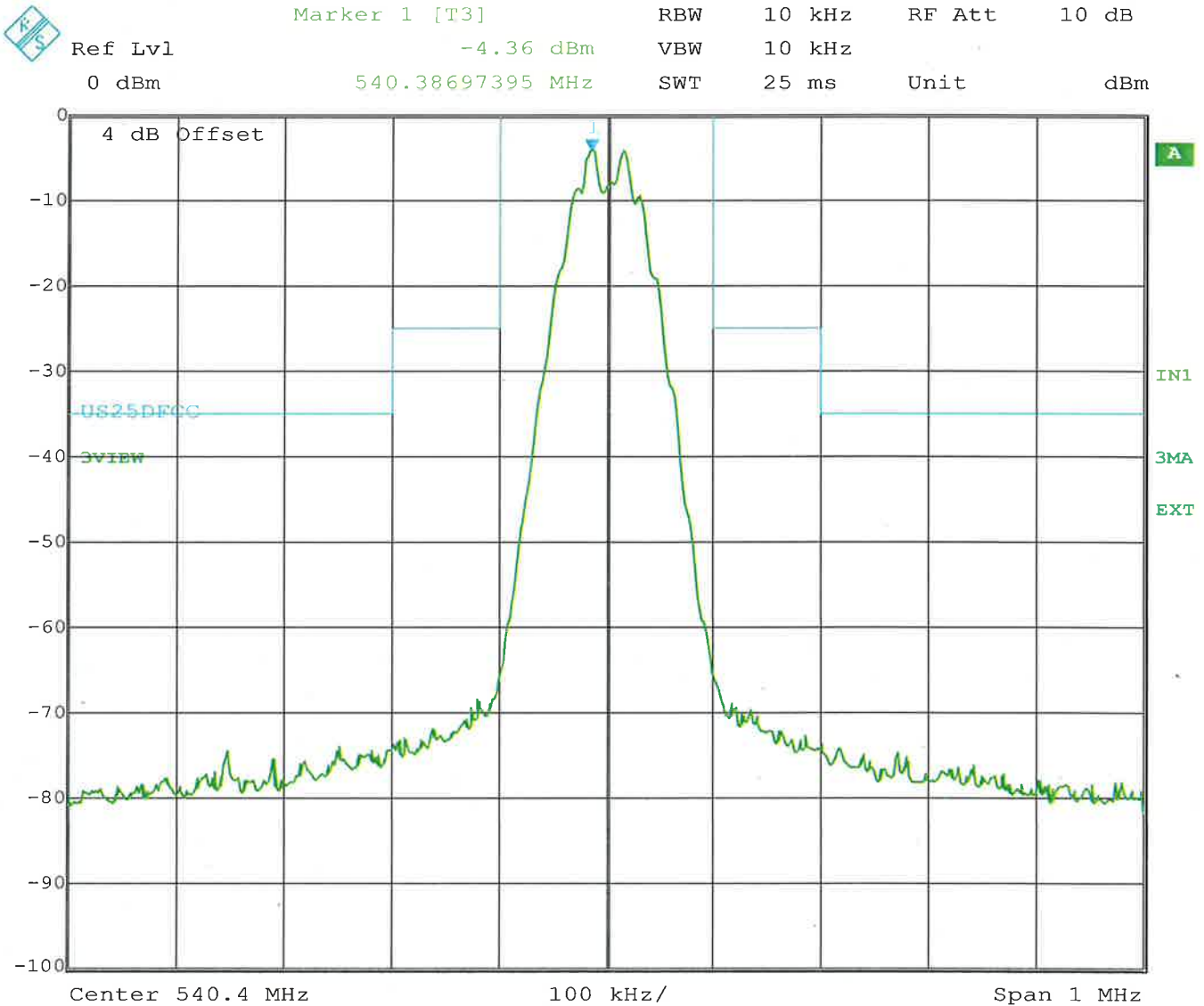
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 15 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:59:48

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

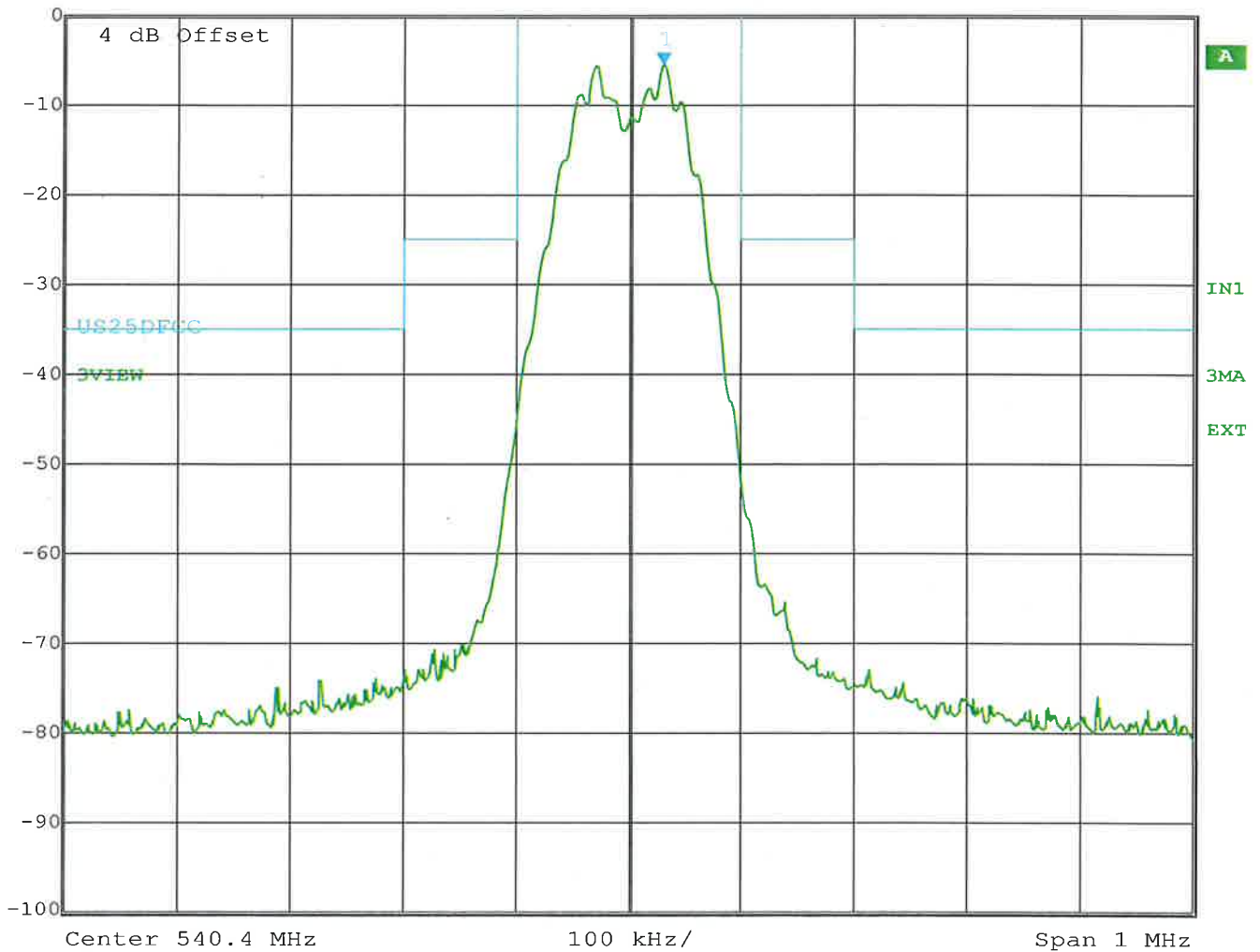
Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 15 kHz

DC Voltage: 1,5 V

	Ref Lvl	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
	0 dBm	-5.71 dBm	VBW	10 kHz		
		540.43106212 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:57:15

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

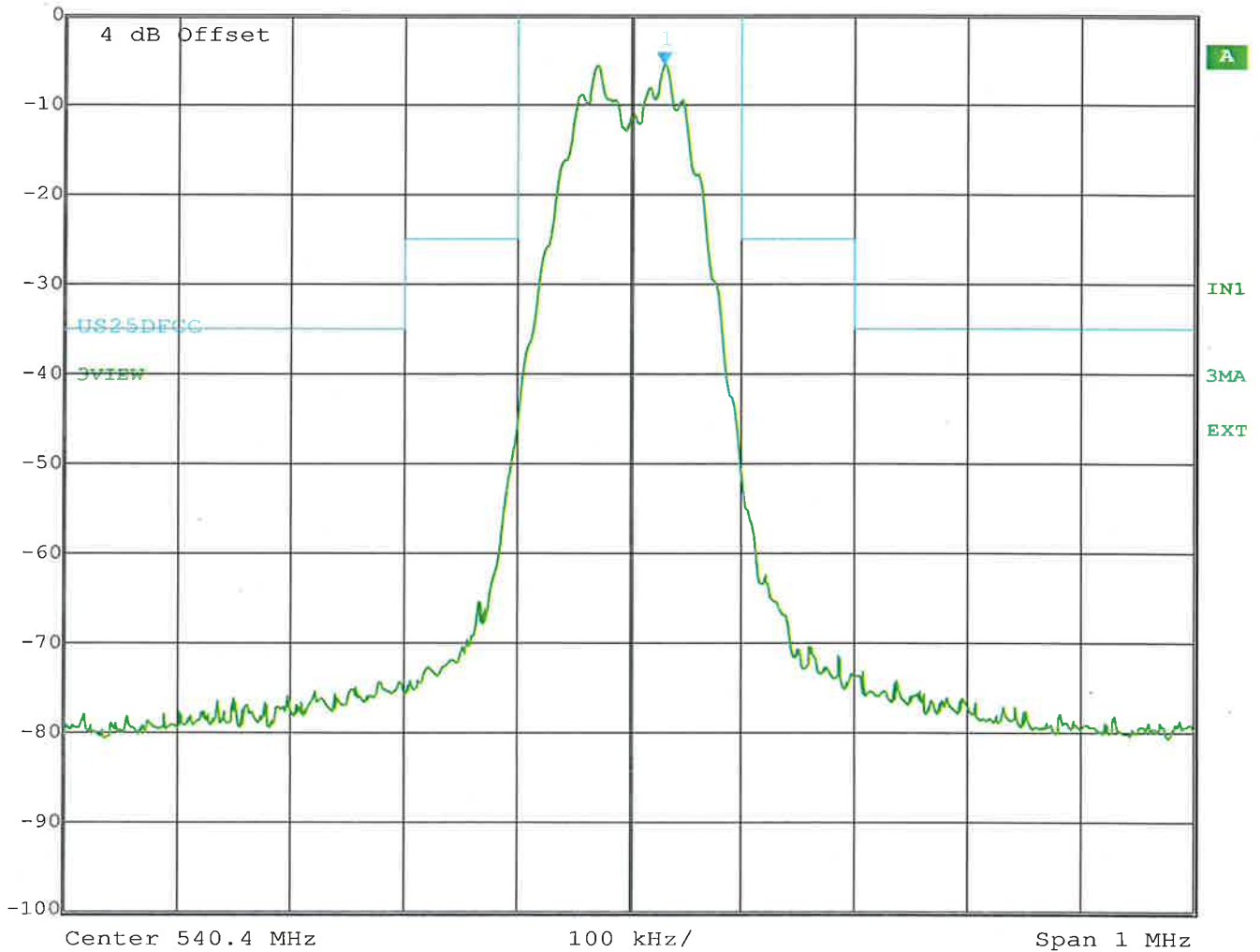
Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 15 kHz

DC Voltage: 1 V

	Ref Lvl	0 dBm	Marker 1 [T3]	540.43106212 MHz	-5.73 dBm	RBW	10 kHz	RF Att	10 dB	VBW	10 kHz	SWT	25 ms	Unit	dBm
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Date: 16.SEP.2015 14:56:50

Test Equipment used: NT-207

**Emissions Mask**

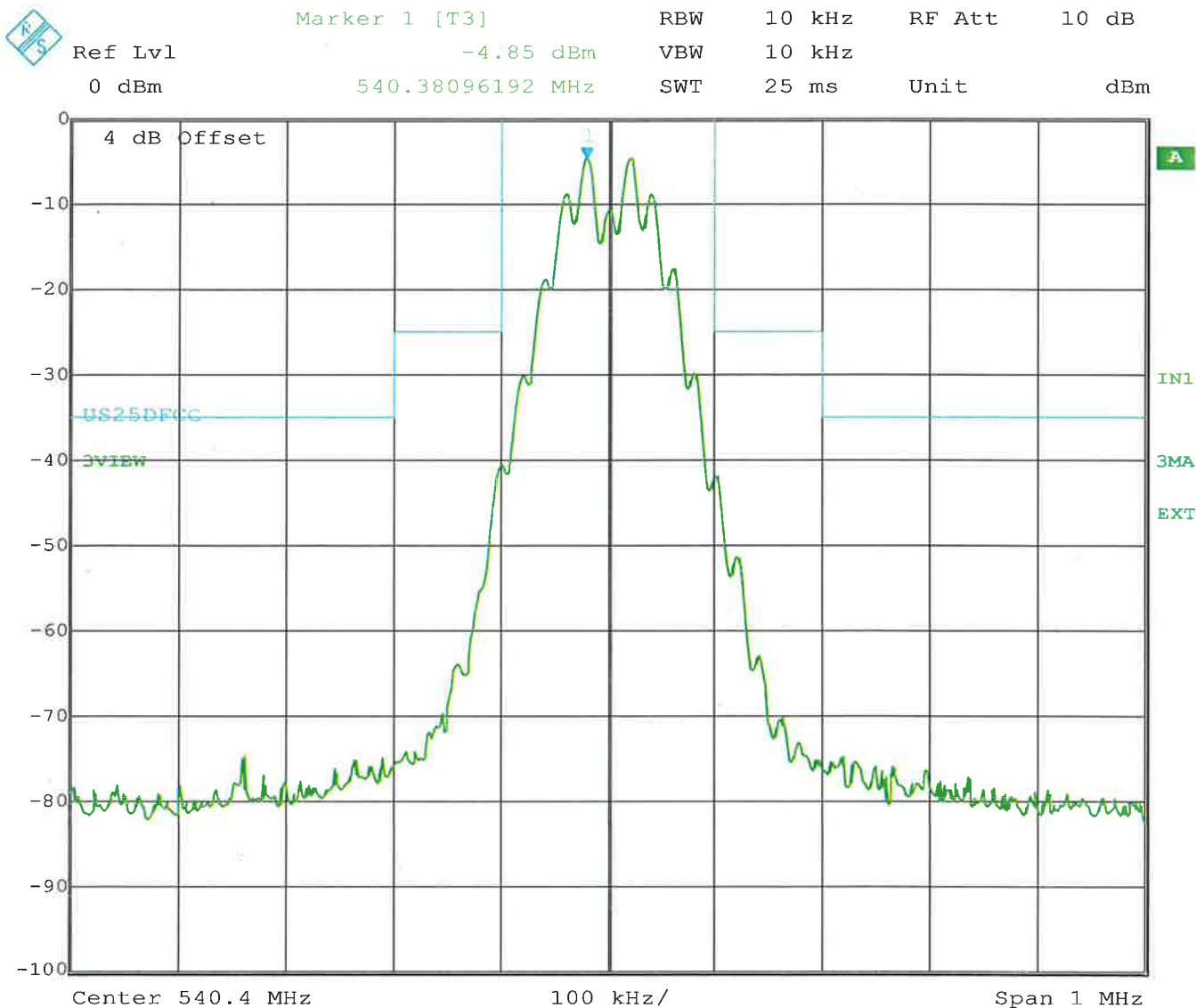
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 20 kHz

DC Voltage: 1,5 V



Date: 16.SEP.2015 15:04:13

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

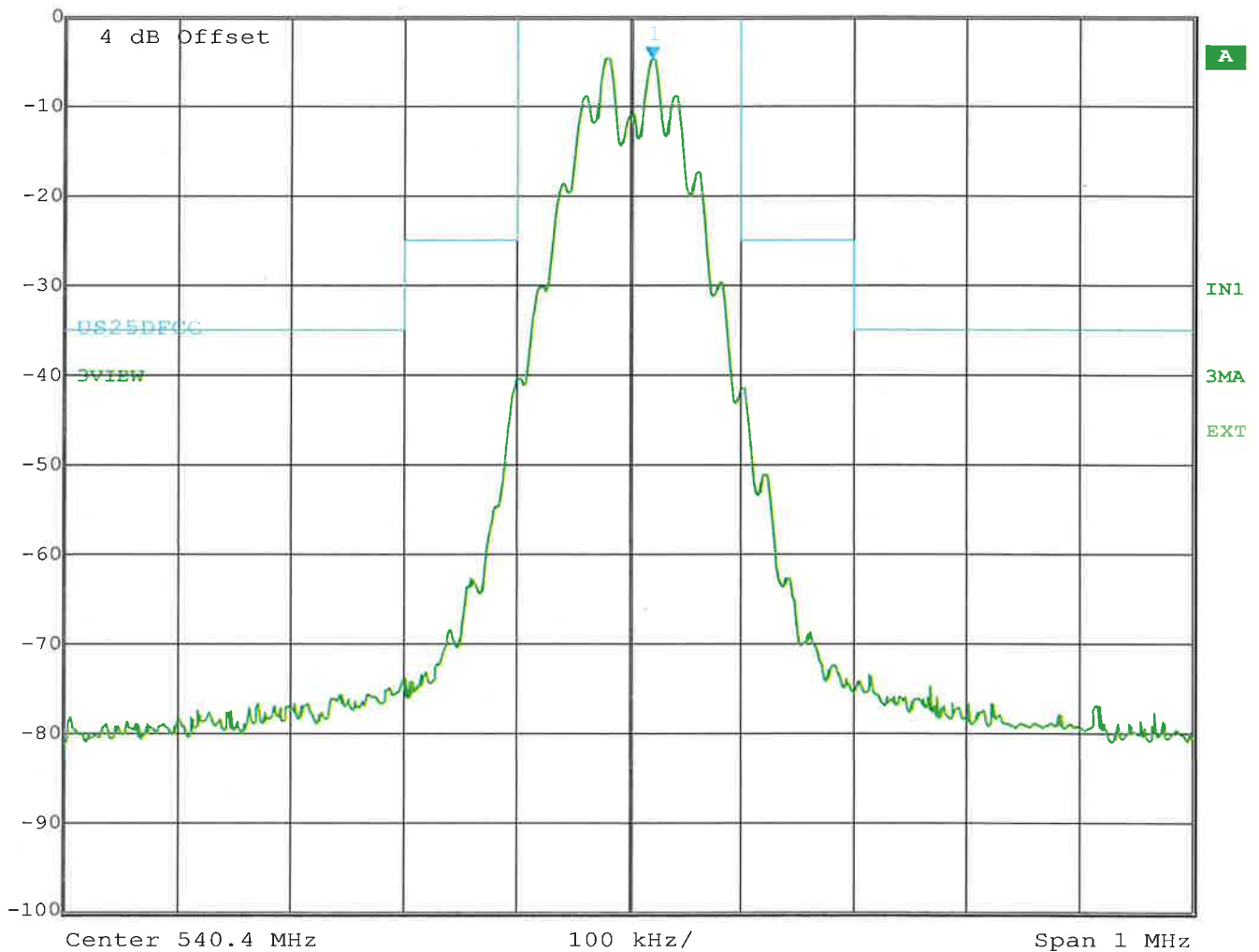
Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level to achieve half of maximum linear input level, audio frequency 20 kHz

DC Voltage: 1 V

	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
Ref Lvl	-4.80 dBm	VBW	10 kHz		
0 dBm	540.42104208 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 15:03:38

Test Equipment used: NT-207

**Emissions Mask**

§ 74.261 (e)(6)  
(6.3)

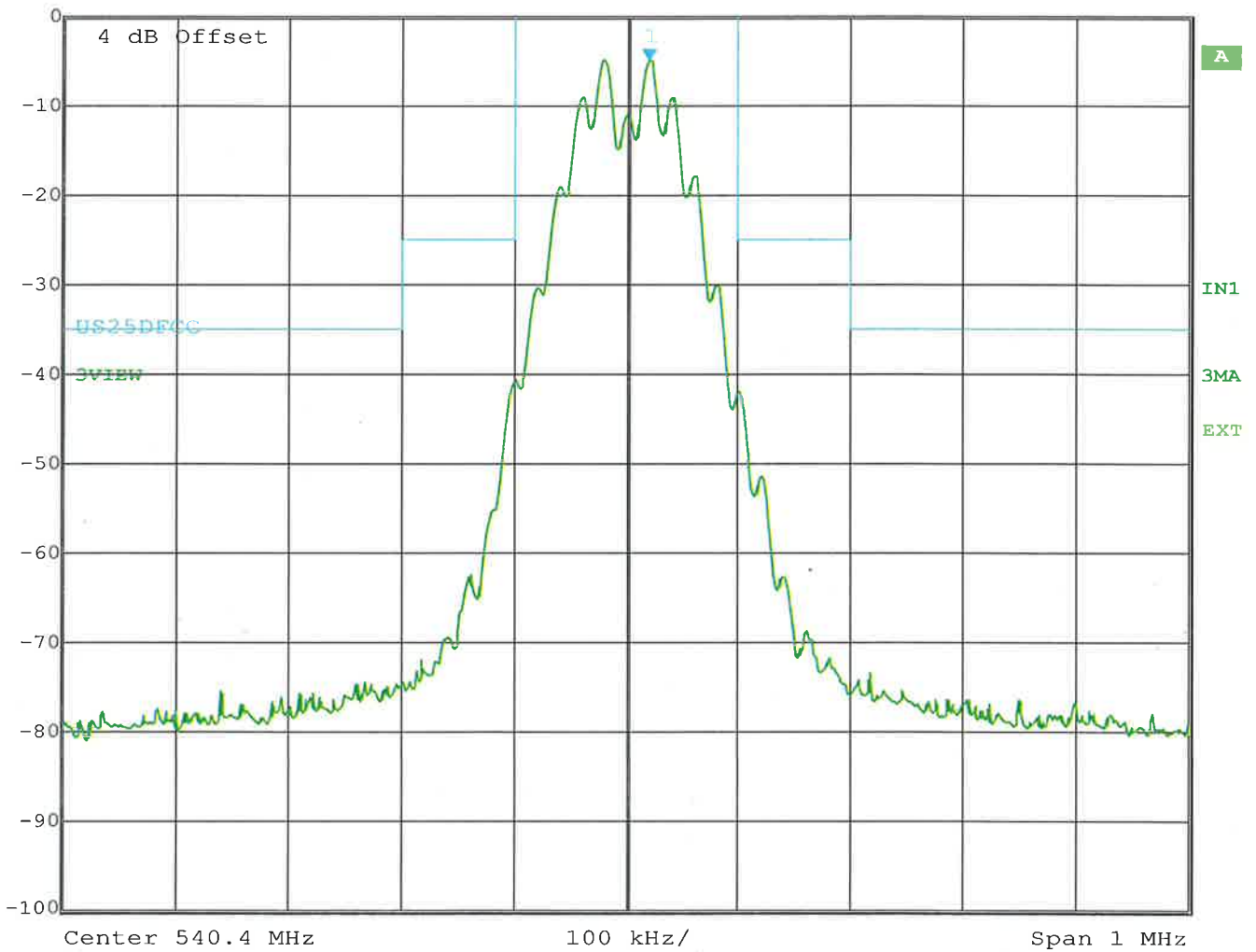
Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 20 kHz

DC Voltage: 1,5 V

	Marker 1 [T3]	RBW	10 kHz	RF Att	10 dB
Ref Lvl	-5.14 dBm	VBW	10 kHz		
0 dBm	540.42104208 MHz	SWT	25 ms	Unit	dBm



Date: 16.SEP.2015 14:55:58

Test Equipment used: NT-207

**Emissions Mask**

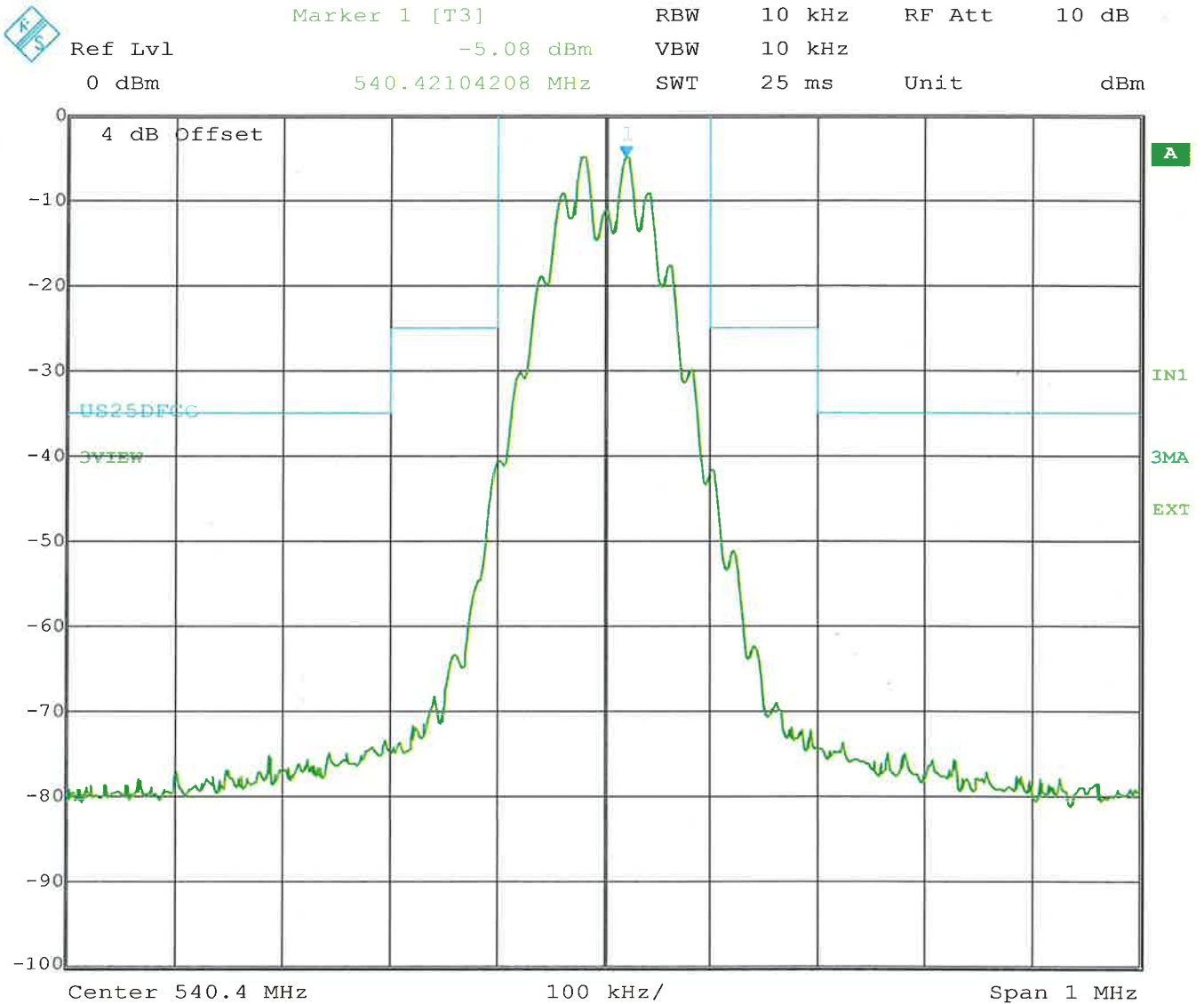
§ 74.261 (e)(6)  
(6.3)

Operating mode:

Frequency: 540,4 MHz

Modulation: acoustic input level equal to the maximum linear input level, audio frequency 20 kHz

DC Voltage: 1 V



Date: 16.SEP.2015 14:56:23

Test Equipment used: NT-207

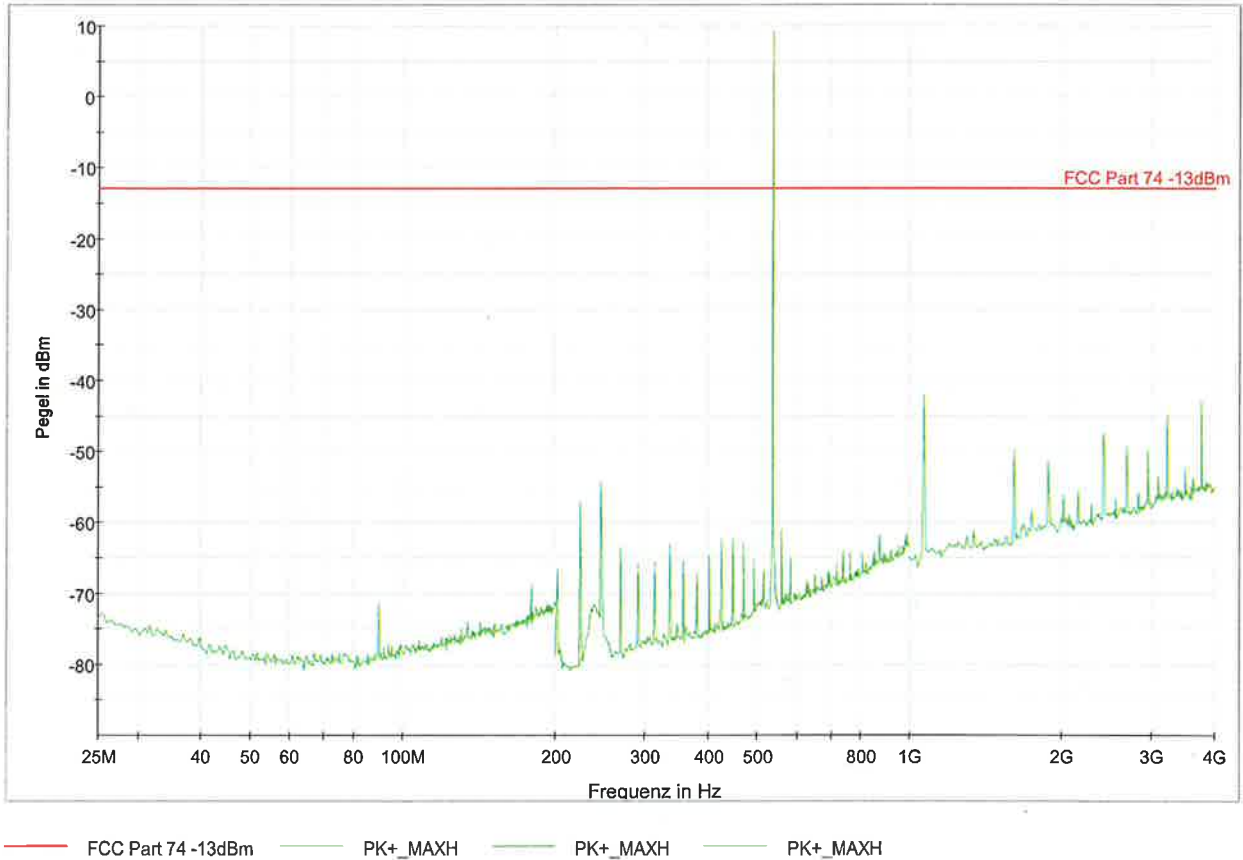
**Field strength of spurious emissions of the transmitter**

**§ 74.261 (e)(6)(iii)  
(6.3)**

Operating mode:

Frequency: 537,5 MHz

Modulation: modulated carrier



Test Equipment used: NT-100; NT-110; NT-111; NT-112; NT-125; NT-129; NT-139; NT-207; NT-337



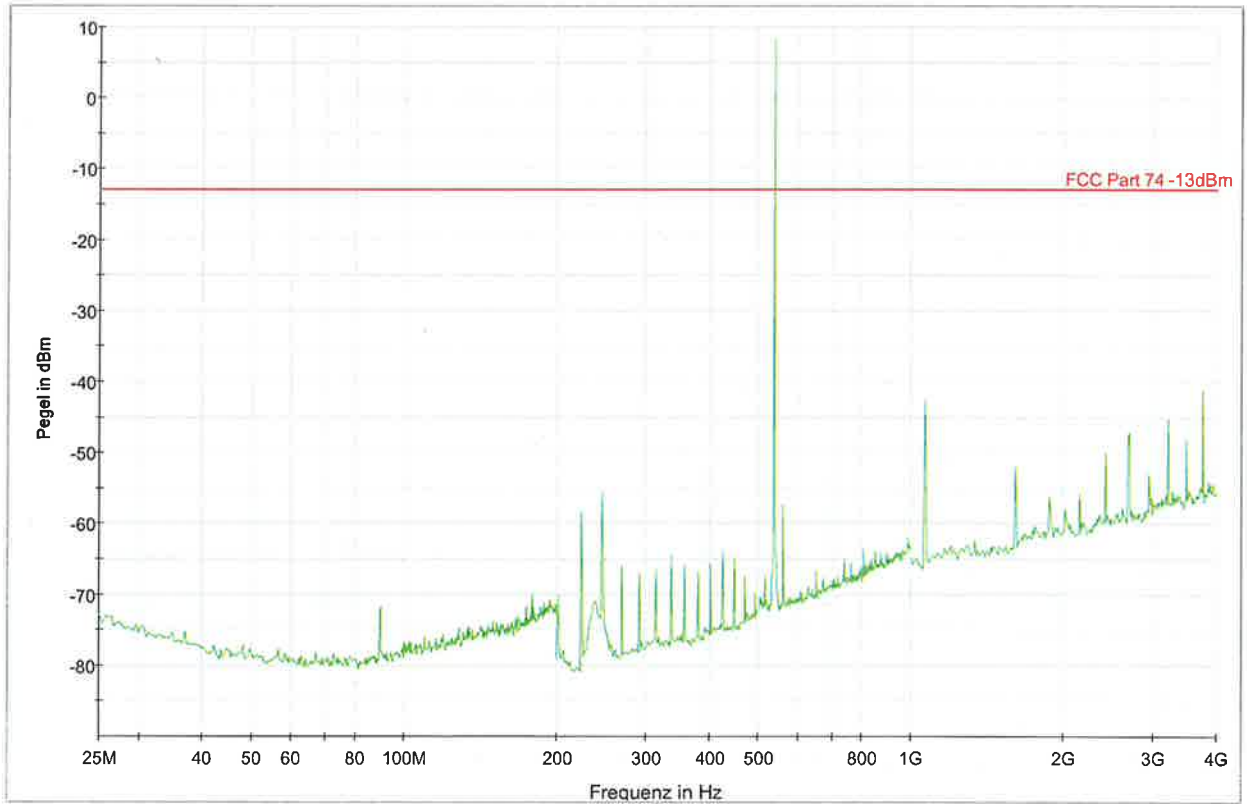
**Field strength of spurious emissions of the transmitter**

**§ 74.261 (e)(6)(iii)  
(6.3)**

Operating mode:

Frequency: 537,9 MHz

Modulation: modulated carrier



— FCC Part 74 -13dBm — PK+\_MAXH — PK+\_MAXH — PK+\_MAXH

Test Equipment used: NT-100; NT-110; NT-111; NT-112; NT-125; NT-129; NT-139; NT-207; NT-337

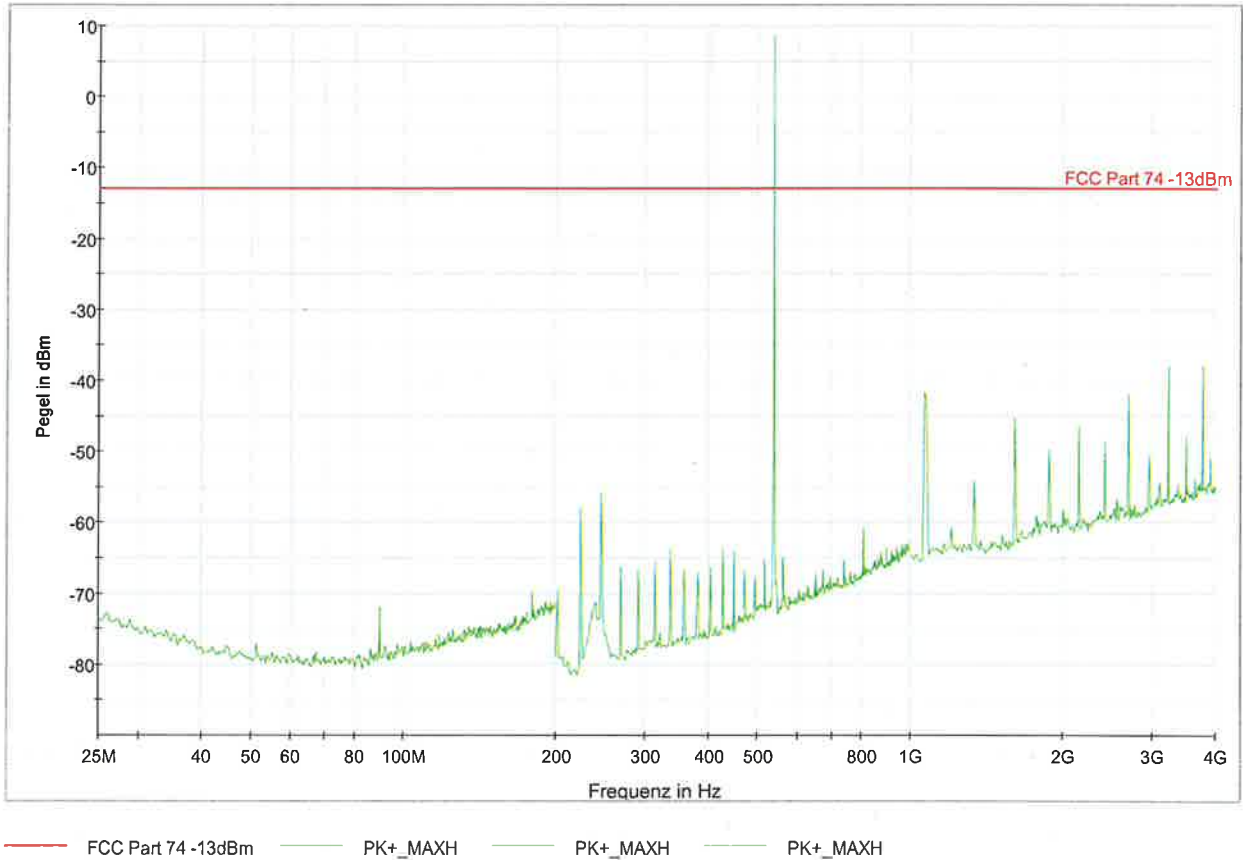
**Field strength of spurious emissions of the transmitter**

**§ 74.261 (e)(6)(iii)  
(6.3)**

Operating mode:

Frequency: 539,3 MHz

Modulation: modulated carrier



Test Equipment used: NT-100; NT-110; NT-111; NT-112; NT-125; NT-129; NT-139; NT-207; NT-337

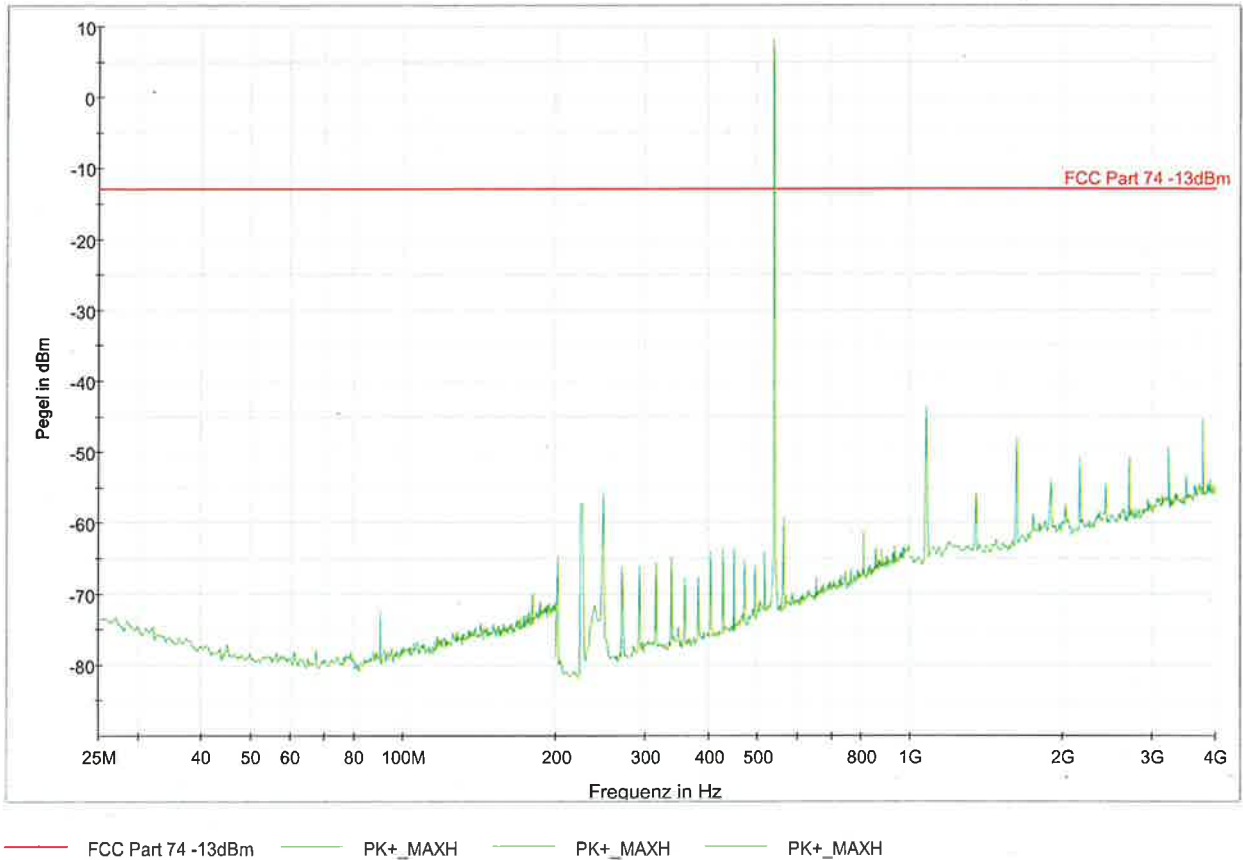
**Field strength of spurious emissions of the transmitter**

**§ 74.261 (e)(6)(iii)  
(6.3)**

Operating mode:

Frequency: 540,4 MHz

Modulation: modulated carrier



Test Equipment used: NT-100; NT-110; NT-111; NT-112; NT-125; NT-129; NT-139; NT-207; NT-337

# Appendix 1

## Test equipment used

<input type="checkbox"/>	Anechoic Chamber with 3m measurement distance	NT-100	<input type="checkbox"/>	Spectrum analyzer – FSP7 9 kHz – 7 GHz	NT-200
<input type="checkbox"/>	Stripline according to ISO 11452-5	NT-108	<input type="checkbox"/>	ESCI - Test receiver 9 kHz - 7 GHz	NT-203/1
<input type="checkbox"/>	MA4000 - Antenna mast 1 - 4 m height	NT-110/1	<input type="checkbox"/>	ESI26 – Test receiver 20 Hz – 26,5 GHz	NT-207
<input type="checkbox"/>	DS - Turntable 0 - 400 ° Azimuth	NT-111/1	<input type="checkbox"/>	Digital Radio Tester CTS55	NT-208
<input type="checkbox"/>	CO3000 Controller Mast+Turntable	NT-112/1	<input type="checkbox"/>	Noise-gen., ITU-R 559-2 20 Hz – 20 kHz	NT-209
<input type="checkbox"/>	HUF-Z3 - Log. Per. Antenna 200 - 1000 MHz	NT-121	<input type="checkbox"/>	CMTA - Radiocommunication analyzer ; 0,1 - 1000 MHz	NT-210
<input type="checkbox"/>	HFH-Z2 - Loop Antenna 9 kHz - 30 MHz	NT-122	<input type="checkbox"/>	3271 - Spectrum analyzer 100 Hz - 26,5 GHz	NT-211
<input type="checkbox"/>	HFH-Z6 - Rod Antenna 9 kHz - 30 MHz	NT-123	<input type="checkbox"/>	Digital Radio Tester Aeroflex 3920	NT-212/1
<input type="checkbox"/>	3121C - Dipole Antenna 28 - 1000 MHz	NT-124	<input type="checkbox"/>	Mixer M28HW 26,5 GHz - 40 GHz	NT-214
<input type="checkbox"/>	3115 - Horn Antenna 1 - 18 GHz (immunity)	NT-125	<input type="checkbox"/>	RubiSource T&M Timing reference	NT-216
<input type="checkbox"/>	3116 - Horn Antenna 18 - 40 GHz	NT-126	<input type="checkbox"/>	Radiocommunication analyzer SWR 1180 MD	NT-217
<input type="checkbox"/>	SAS-200/543 - Bicon. Antenna 20 MHz - 300 MHz	NT-127	<input type="checkbox"/>	Mixer M19HWD 40 GHz – 60 GHz	NT-218
<input type="checkbox"/>	AT-1080 - Log. Per. Antenna 80 - 1000 MHz	NT-128	<input type="checkbox"/>	Mixer M12HWD 60 GHz – 90 GHz	NT-219
<input type="checkbox"/>	HK-116 - bicon. Antenna 20 MHz - 300 MHz	NT-129	<input type="checkbox"/>	DSO9104 Digital scope	NT-220/1
<input type="checkbox"/>	HK-116 - bicon. Antenna 20 MHz - 300 MHz	NT-130	<input type="checkbox"/>	TPS 2014 Digital scope	NT-222
<input type="checkbox"/>	3146 - Log. Per. Antenna 200 – 1000 MHz	NT-131	<input type="checkbox"/>	Artificial Ear according to IEC 60318	NT-224
<input type="checkbox"/>	Loop Antenna H-Field	NT-132	<input type="checkbox"/>	1 kHz Sound calibrator	NT-225
<input type="checkbox"/>	Horn Antenna 500 MHz - 2900 MHz	NT-133	<input type="checkbox"/>	B10 - Harmonics and flicker analyzer	NT-232
<input type="checkbox"/>	Horn Antenna 500 MHz - 6000 MHz	NT-133/1	<input type="checkbox"/>	ARS 16/3 – Harmonics- flicker analyzer	NT-232/1
<input type="checkbox"/>	Log. per. Antenna 800 MHz - 2500 MHz	NT-134	<input type="checkbox"/>	SRM-3000 Spectrum analyzer	NT-233
<input type="checkbox"/>	Log. per. Antenna 800 MHz - 2500 MHz	NT-135	<input type="checkbox"/>	SRM-3006 Spectrum analyzer	NT-233/1a
<input type="checkbox"/>	BiConiLog Antenna 26 MHz – 2000 MHz	NT-137	<input type="checkbox"/>	E-field probe SRM 75 MHz – 3 GHz	NT-234
<input type="checkbox"/>	Conical Dipol Antenna PCD8250	NT-138	<input type="checkbox"/>	Field Meter NBM-500 incl. E- and H-Field probes	NT-240a-d
<input type="checkbox"/>	HF 906 - Horn Antenna 1 - 18 GHz (emission)	NT-139	<input type="checkbox"/>	Hall-Teslameter ETM-1	NT-241
<input type="checkbox"/>	HZ-1 Antenna tripod	NT-150	<input type="checkbox"/>	EFA-3 H-field- / E-field probe	NT-243
<input type="checkbox"/>	BN 1500 Antenna tripod	NT-151	<input type="checkbox"/>	Field Meter EMR-200 100 kHz – 3 GHz	NT-244
<input type="checkbox"/>	Ant. tripod for EN61000-4-3 Model TP1000A	NT-156	<input type="checkbox"/>	E-field probe 100 kHz – 3 GHz	NT-245
<input type="checkbox"/>	Power quality analyzer Fluke 1760 (complete set)	NT-160 - NT-173	<input type="checkbox"/>	H-field probe 300 kHz – 30 MHz	NT-246

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# Appendix 1 (continued)

## Test equipment used

<input type="checkbox"/>	E-field probe 3 MHz – 18 GHz	NT-247	<input type="checkbox"/>	VCS 500-M6 Surge-Generator	NT-326
<input type="checkbox"/>	H-field probe 27 MHz – 1 GHz	NT-248	<input type="checkbox"/>	Oscillatory Wave Simulator incl. Coupling networks	NT-328a+b+c
<input type="checkbox"/>	ELT-400 1 Hz – 400 kHz	NT-249	<input type="checkbox"/>	BTA-250 - RF-Amplifier 9 kHz - 220 MHz / 250 W	NT-330
<input type="checkbox"/>	MDS 21 - Absorbing clamp 30 - 1000 MHz	NT-250	<input type="checkbox"/>	T82-50 RF-Amplifier 2 GHz – 8 GHz	NT-331
<input type="checkbox"/>	FCC-203I EM Injection clamp	NT-251	<input type="checkbox"/>	500W1000M7 - RF-Amplifier 80 - 1000 MHz / 500 W	NT-332
<input type="checkbox"/>	FCC-203I-DCN Ferrite decoupling network	NT-252	<input type="checkbox"/>	AS0102-65R - RF-Amplifier 1 GHz - 2 GHz	NT-333
<input type="checkbox"/>	PR50 Current Probe	NT-253	<input type="checkbox"/>	APA01 – RF-Amplifier 0,5 GHz – 2,5 GHz	NT-334
<input type="checkbox"/>	i310s Current Probe	NT-254/1	<input type="checkbox"/>	Preamplifier 1 GHz - 4 GHz	NT-335
<input type="checkbox"/>	Fluke 87 V True RMS Multimeter	NT-260	<input type="checkbox"/>	Preamplifier for GPS MKU 152 A	NT-336
<input type="checkbox"/>	Model 2000 Digital Multimeter	NT-261	<input type="checkbox"/>	Preamplifier 100 MHz – 23 GHz	NT-337
<input type="checkbox"/>	Fluke 87 V Digital Multimeter	NT-262/1	<input type="checkbox"/>	DC Block 10 MHz – 18 GHz Model 8048	NT-338
<input type="checkbox"/>	ESH2-Z5-U1 Artificial mains network 4x25A	NT-300	<input type="checkbox"/>	2-97201 Electronic load	NT-341
<input type="checkbox"/>	ESH3-Z5-U1 Artificial mains network 2x10A	NT-301	<input type="checkbox"/>	TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-344
<input type="checkbox"/>	ESH3-Z6-U1 Artificial mains network 1x100A	NT-302	<input type="checkbox"/>	TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-345
<input type="checkbox"/>	ESH3-Z6-U1 Artificial mains network 1x100A	NT-302a	<input type="checkbox"/>	VDS 200 Mobil-impuls-generator	NT-350
<input type="checkbox"/>	PHE 4500/B Power amplifier	NT-304	<input type="checkbox"/>	LD 200 Mobil-impuls-generator	NT-351
<input type="checkbox"/>	PAS 5000 Power amplifier	NT-304/1a	<input type="checkbox"/>	MPG 200 Mobil-impuls-Generators	NT-352
<input type="checkbox"/>	EZ10 T-Artificial Network	NT-305	<input type="checkbox"/>	EFT 200 Mobil-impuls-generator	NT-353
<input type="checkbox"/>	SMG - Signal generator 0,1 - 1000 MHz	NT-310	<input type="checkbox"/>	AN 200 S1 Artificial Network	NT-354
<input type="checkbox"/>	SMA100A - Signal generator 9 kHz - 6 GHz	NT-310/1	<input type="checkbox"/>	FP-EFT 32M 3 ph. Coupling filter (Burst)	NT-400/1
<input type="checkbox"/>	RefRad Reference generator	NT-312	<input type="checkbox"/>	PHE 4500 - Mains impedance network	NT-401
<input type="checkbox"/>	SMP 02 Signal generator 10 MHz - 20 GHz	NT-313	<input type="checkbox"/>	IP 6.2 Coupling filter for data lines (Surge)	NT-403
<input type="checkbox"/>	40 MHz Arbitrary Generator TGA1241	NT-315	<input type="checkbox"/>	TK 9421 High Power Volt. Probe 150 kHz - 30 MHz	NT-409
<input type="checkbox"/>	Artificial mains network NSLK 8127-PLC	NT-316	<input type="checkbox"/>	ESH2-Z3 - Probe 9 kHz - 30 MHz	NT-410
<input type="checkbox"/>	Inrush Current Source for PAS 5000	NT-317a	<input type="checkbox"/>	IP 4 - Capacitive clamp (Burst)	NT-411
<input type="checkbox"/>	Control and measurement device Sycore	NT-318	<input type="checkbox"/>	Highpass-Filter 100 MHz – 3 GHz	NT-412
<input type="checkbox"/>	PEFT - Burst generator up to 4 kV	NT-320	<input type="checkbox"/>	Highpass-Filter 600 MHz – 4 GHz	NT-413
<input type="checkbox"/>	ESD 30 System up to 25 kV	NT-321	<input type="checkbox"/>	Highpass-Filter 1250 MHz – 4 GHz	NT-414
<input type="checkbox"/>	PSURGE 4.1 Surge generator	NT-324	<input type="checkbox"/>	Highpass-Filter 1800 MHz – 16 GHz	NT-415
<input type="checkbox"/>	IMU4000 Immunity test system	NT-325/1			


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## Appendix 1 (continued) Test equipment used

<input type="checkbox"/>	Highpass-Filter 3500 MHz – 18 GHz	NT-416	<input type="checkbox"/>	FCC-801-S25 Coupling decoupling network	NT-462
<input type="checkbox"/>	RF-Attenuator 10 dB DC – 18 GHz / 50 W	NT-417	<input type="checkbox"/>	FCC-801-T4 Coupling decoupling network	NT-463
<input type="checkbox"/>	RF-Attenuator 6 dB DC – 18 GHz / 50 W	NT-418	<input type="checkbox"/>	FCC-801-C1 Coupling decoupling network	NT-464
<input type="checkbox"/>	RF-Attenuator 3 dB DC – 18 GHz / 50 W	NT-419	<input type="checkbox"/>	SW 9605 - Current probe 150 kHz – 30 MHz	NT-465/1
<input type="checkbox"/>	RF-Attenuator 20 dB DC - 1000 MHz / 25 W	NT-421	<input type="checkbox"/>	95242-1 – Current probe 1 MHz – 400 MHz	NT-468
<input type="checkbox"/>	RF-Attenuator 30 dB DC - 1000 MHz / 1 W	NT-423	<input type="checkbox"/>	94106-1L-1 – Current probe 100 kHz – 450 MHz	NT-471
<input type="checkbox"/>	RF-Attenuator 30 dB	NT-424	<input type="checkbox"/>	GA 1240 Power amplifier according to EN 61000-4-16	NT-480
<input type="checkbox"/>	RF-Attenuator 6 dB DC - 1000 MHz / 1 W	NT-425	<input type="checkbox"/>	Coupling networks according to EN 61000-4-16	NT-481 - NT-483
<input type="checkbox"/>	RF-Attenuator 6 dB DC - 1000 MHz / 1 W	NT-426	<input type="checkbox"/>	Van der Hoofden Test Head	NT-484
<input type="checkbox"/>	RF-Attenuator 6 dB	NT-428	<input type="checkbox"/>	PC P4 3 GHz Test computer	NT-500
<input type="checkbox"/>	RF-Attenuator 0 dB - 81 dB	NT-429	<input type="checkbox"/>	PC P4 1700 MHz Notebook	NT-505
<input type="checkbox"/>	WRU 27 - Band blocking 27 MHz	NT-430	<input type="checkbox"/>	Monitoring camera with Monitor	NT-511
<input type="checkbox"/>	WHJ450C9 AA - High pass 450 MHz	NT-431	<input type="checkbox"/>	ES-K1 Version 1.71 SP2 Test software	NT-520
<input type="checkbox"/>	WHJ250C9 AA - High pass 250 MHz	NT-432	<input type="checkbox"/>	EMC32 Version 9.21 Test software	NT-520/1
<input type="checkbox"/>	RF-Load 150 W	NT-433	<input type="checkbox"/>	SRM-TS Version 1.3 software for SRM-3000	NT-522
<input type="checkbox"/>	Impedance transducer 1:4 ; 1:9 ; 1:16	NT-435	<input type="checkbox"/>	SRM-TS Version 1.3.1 software for SRM-3006	NT-522/1
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 6 dB	NT-436	<input type="checkbox"/>	Spitzenberger und Spies Test software V3.4	NT-525
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 6 dB	NT-437	<input type="checkbox"/>	Noise power test apparatus according to EN 55014	NT-530
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 10 dB	NT-438	<input type="checkbox"/>	Vertical coupling plane (ESD)	NT-531
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 20 dB	NT-439	<input type="checkbox"/>	Test cable #4 for EN 61000-4-6	NT-553
<input type="checkbox"/>	I+P 7780 Directional coupler 100 - 2000 MHz	NT-440	<input type="checkbox"/>	Test cable #3 for conducted emission	NT-554
<input type="checkbox"/>	ESH3-Z2 - Pulse limiter 9 kHz - 30 MHz	NT-441	<input type="checkbox"/>	Test cable #5+#6 ESD-cable (2x470k)	NT-555 + NT-556
<input type="checkbox"/>	Power Divider 6 dB/1 W/50 Ohm	NT-443	<input type="checkbox"/>	Test cable #8 Sucoflex 104EA	NT-559
<input type="checkbox"/>	Directional coupler 0,1 MHz – 70 MHz	NT-444	<input type="checkbox"/>	Test cable #9 (for outdoor measurements)	NT-580
<input type="checkbox"/>	Directional coupler 0,1 MHz – 70 MHz	NT-445	<input type="checkbox"/>	Test cable #10 (for outdoor measurements)	NT-581
<input type="checkbox"/>	Tube imitations according to EN 55015	NT-450	<input type="checkbox"/>	Test cable #13 Sucoflex 104PE	NT-584
<input type="checkbox"/>	FCC-801-M3-16A Coupling decoupling network	NT-458	<input type="checkbox"/>	Test cable #21 for SRM-3000	NT-592
<input type="checkbox"/>	FCC-801-M2-50A Coupling decoupling network	NT-459	<input type="checkbox"/>	Shield chamber	NT-600
<input type="checkbox"/>	FCC-801-M5-25 Coupling decoupling network	NT-460	<input type="checkbox"/>	Climatic chamber	M-1200
<input type="checkbox"/>	FCC-801-AF10 Coupling decoupling network	NT-461			


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Description: Top view

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## Appendix 2 Photodocumentation

Description: Case opened view #1

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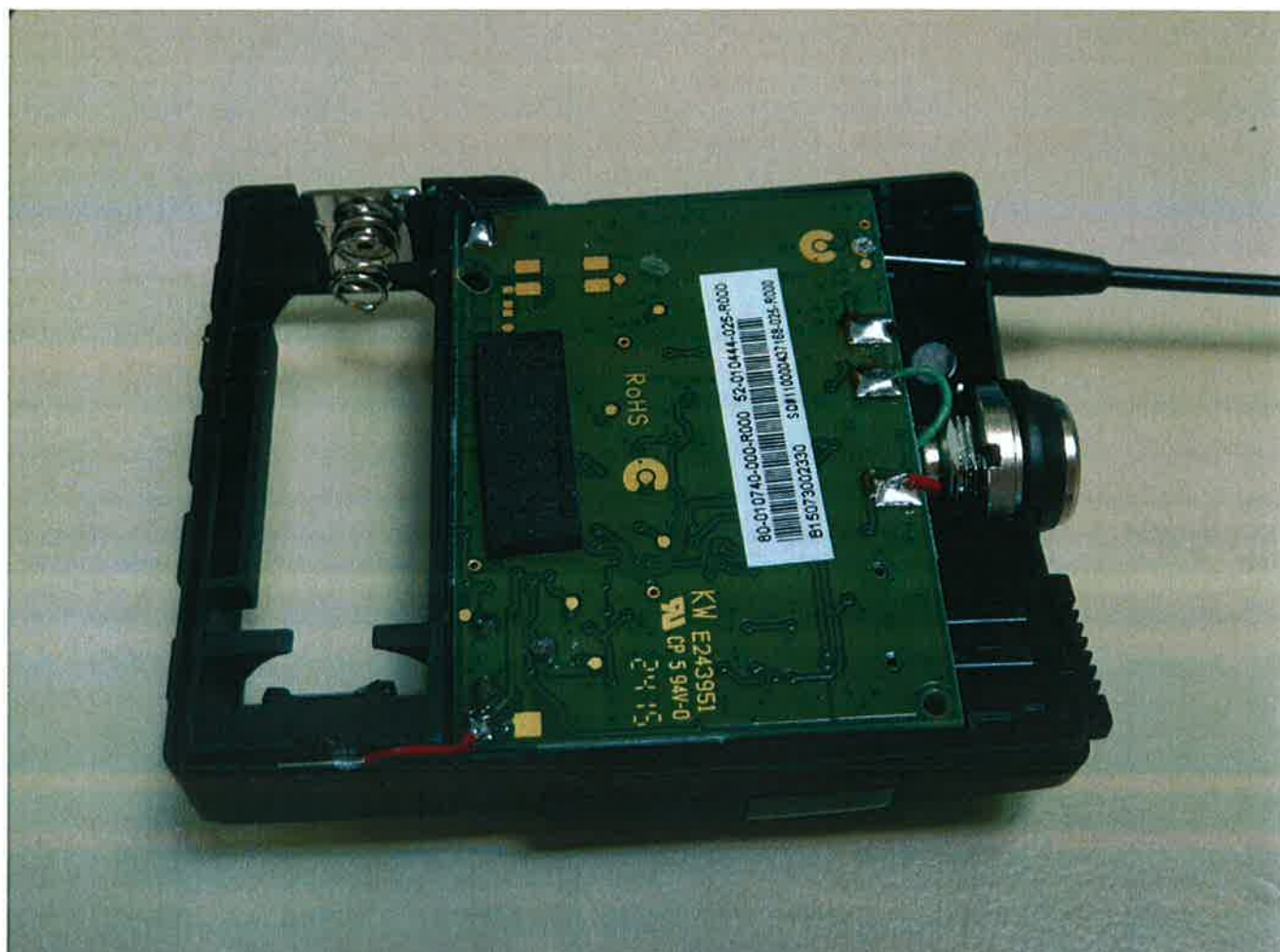
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## Appendix 2 Photodocumentation

Description: Case opened view #2


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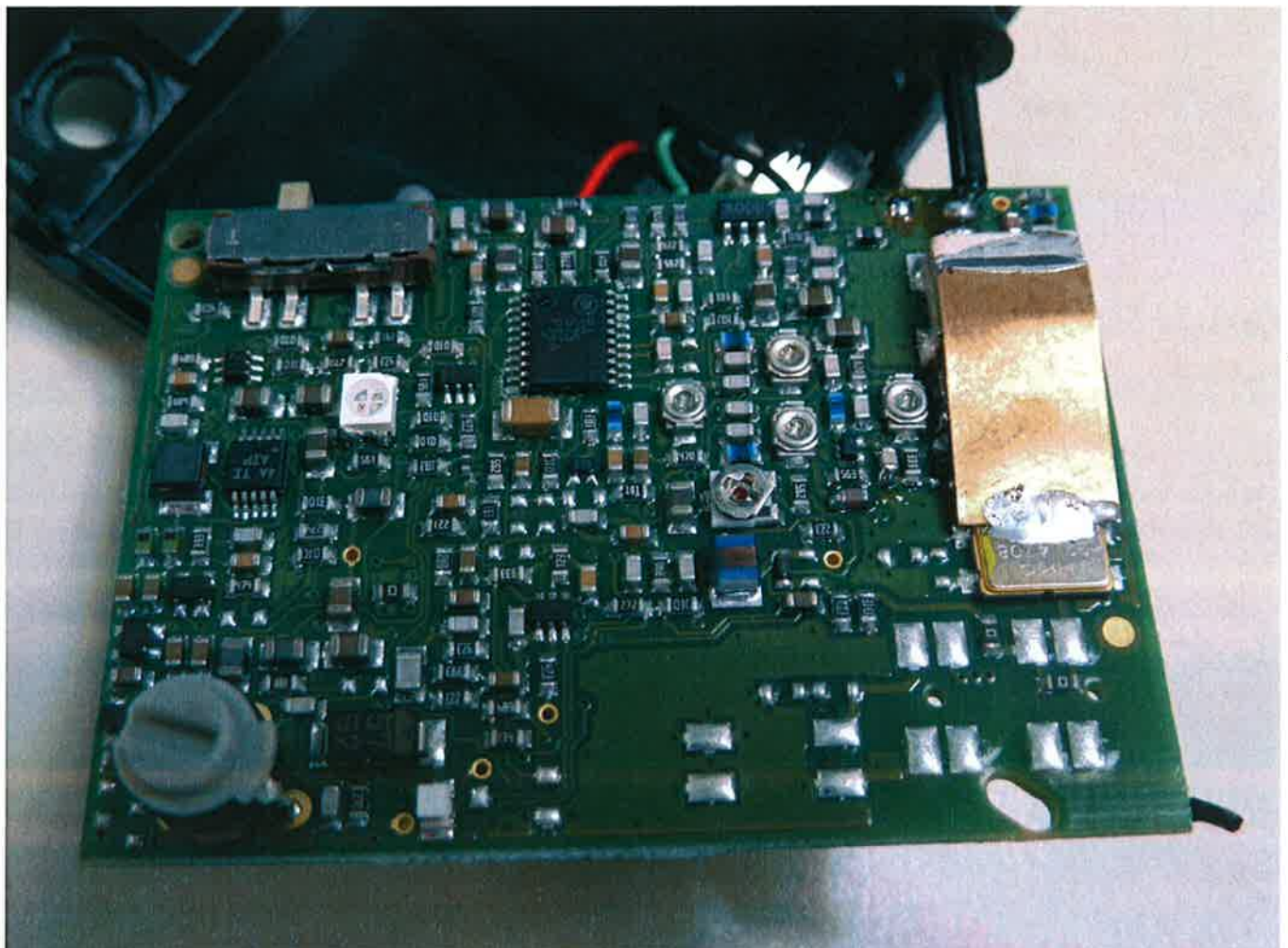
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Description: Test setup

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