



# TEST REPORT

No. B20N00042-NFC

**i.safe MOBILE GmbH**

**LTE SMARTPHONE**

**Model Name: M33A01**

**with**

**Hardware Version: V1.00**

**Software Version:**

**LA6925(IS330)\_IS330\_EEA\_1.0.0.0.0\_1\_20200103\_MultiDownload\_2**

**02001101536\_user**

**FCC ID: 2AACZ-M33A01**

**IC: 11122A-M33A01**

**Issued Date: 2020-03-11**

**Note:**

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of SAICT.

**Test Laboratory:**

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## 1. Summary of Test Report

### 1.1. Test Items

Description	LTE SMARTPHONE
Model Name	M33A01
Applicant's name	i.safe MOBILE GmbH
Manufacturer's Name	i.safe MOBILE GmbH

### 1.2. Test Standards

FCC Part15-2018; ANSI C63.4-2014; RSS-210 Issue 9; RSS-Gen Issue 5

### 1.3. Test Result

**Pass**

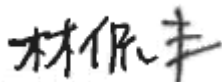
### 1.4. Testing Location

Address: Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China

### 1.5. Project data

Testing Start Date:	2020-01-15
Testing End Date:	2020-02-03

### 1.6. Signature



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Lin Kanfeng  
(Prepared this test report)



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Tang Weisheng  
(Reviewed this test report)



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Zhang Bojun  
(Approved this test report)



## **2. Client Information**

### **2.1. Applicant Information**

Company Name: i.safe MOBILE GmbH  
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Contact: Dirk Amann  
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Tel.: +491703719004  
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### **2.2. Manufacturer Information**

Company Name: i.safe MOBILE GmbH  
Address/Post: i\_Park Tauberfranken 10 97922 Lauda-Koenigshofen Germany  
Contact: Dirk Amann  
Email: dirk.amann@isafe-mobile.com  
Tel.: +491703719004  
Fax: /

### 3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

#### 3.1. About EUT

Description	LTE SMARTPHONE
Model Name	M33A01
Marketing Name	/
Brand Name	i.safe MOBILE
Frequency	13.56MHz
Antenna type	Integrated antenna
Extreme Temperature	-10°C/+50°C
Operation Voltage	3.5VDC to 4.35VDC (nominal: 3.8VDC)
Power source	Battery
FCC ID	2AACZ-M33A01
IC	11122A-M33A01
Condition of EUT as received	No abnormality in appearance

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of Shenzhen Academy of Information and Communications Technology.

#### 3.2. Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version	Receive Date
			LA6925(IS330)_IS330_EEA_1	
EUT1	359052100502739	V1.0.0	.0.0.0.0_1_20200103_MultiDo wnload_202001101536_user	2020-01-03

\*EUT ID: is used to identify the test sample in the lab internally.

#### 3.3. Internal Identification of AE used during the test

AE ID*	Description	SN
AE1	Power Supply	/
AE2	NFC Card	/

\*AE ID: is used to identify the test sample in the lab internally.

#### 3.4. General Description

Equipment under Test (EUT) is a model of LTE SMARTPHONE with integrated antenna.

It consists of normal options: battery and charger.

Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the client.

#### 3.5. EUT Set-ups

EUT Set-up No.	Combination of EUT and AE	Remarks
Set. NFC01	EUT1+AE1+AE2	NFC RF, TX test
Set. NFC02	EUT1+AE1	NFC RF, RX test



CE\_test.apk is installed in the EUT which helps to control the NFC signal transmitting.

The Transmit State of NFC: the NFC function is on. The EUT will transmit the NFC data and command continuously during the test.

The Transmit State without modulation: The EUT will transmit the CW signal at the operating frequency.

## **4. Reference Documents**

### **4.1. Documents supplied by applicant**

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

### **4.2. Reference Documents for testing**

The following documents listed in this section are referred for testing.

<b>Reference</b>	<b>Title</b>	<b>Version</b>
CFR 47 Part 15	FCC CFR 47,Part 15,Subpart C	2018
ANSI C63.4	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.	2014
RSS-210	License-exempt Radio Apparatus (All Frequency Bands): Category I Equipment Annex 2 - Devices Operating in Frequency Bands for Any Application	Issue 9 2016
RSS-Gen	Spectrum Management and Telecommunications Radio Standards Specification General Requirements for Compliance of Radio Apparatus	Issue 5 April, 2018

## 5. Test Results

### 5.1. Testing Environment

Normal Temperature: 15~35°C

Relative Humidity: 20~75%

### 5.2. Test Results

No	Test Cases	Clause in Regulation	Section in This Report	Verdict
1	Electric Field Strength of Fundamental Emissions	CFR 47 § 15.225(a) RSS-210 Issue9 A2.6	A.1	P
2	Electric Field Strength of Outside the Allocated Bands	CFR 47 § 15.225(b) CFR 47 § 15.225(c) RSS-210 Issue9 A2.6		P
3	Electric Field Radiated Emissions	CFR 47 § 15.209	A.2	P
		CFR 47 § 15.225(d) RSS-210 Issue9 A2.6	A.3	P
4	Frequency Tolerance	CFR 47 § 15.225(e) RSS-210 Issue9 A2.6	A.4	P
5	20dB Bandwidth	CFR 47 § 15.215(c)	A.5	P
6	Conducted Emissions	CFR 47 § 15.207 RSS-Gen Issue4 8.8	A.6	P
7	Occupied Bandwidth	RSS-Gen Issue4 6.6	A.7	P
The measurement is carried out according to ANSI C63.4. See <b>ANNEX A</b> for details.				

### 5.3. Statements

The test cases listed in Section 6.1 of this report for the EUT specified in Section 3 were performed by SAICT according to the reference documents in Section 4.

The EUT meets all applicable requirements of the regulations and standards in Section 4.2.

This report only deals with the NFC function among the features described in section 3.



## 6. Test Equipments Utilized

### Conducted test system

NO.	EQUIPMENT	MODEL	SERIES NUMBER	MANUFACTURE	CAL DUE DATE
1.	Vector Signal Analyzer	FSV40	100903	Rohde & Schwarz	2021-01-15
2.	DC Power Supply	ZUP60-14	6MY-847Z13-001	TDK-Lambda	2021-02-26

### Climate chamber

NO.	EQUIPMENT	MODEL	SERIES NUMBER	MANUFACTURE	CAL DUE DATE
1.	Climate chamber	SU-242	93008165	ESPEC	2020-03-26

### Radiated emission test system

NO.	EQUIPMENT	MODEL	SERIES NUMBER	MANUFACTURE	CAL DUE DATE
1.	Chamber	FACT5-2.0	4166	ETS-Lindgren	2021-05-12
2.	Test Receiver	ESR7	101675	Rohde & Schwarz	2020-07-18
3.	Loop Antenna	HLA6120	35779	TESEQ	2022-05-01
4.	BiLog Antenna	VULB9163	9163 329	Schwarzbeck	2021-02-16
5.	LISN	ESH2-Z5	100196	Rohde & Schwarz	2021-01-02

## 7. Laboratory Environment

### Shielded room

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 20 %, Max. = 75 %
Shielding effectiveness	0.014 MHz - 1 MHz, > 60 dB; 1 MHz - 1000 MHz, > 90 dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4 Ω

### Fully-anechoic chamber

Temperature	Min. = 15 °C, Max. = 35 °C
Relative humidity	Min. = 15 %, Max. = 75 %
Shielding effectiveness	0.014 MHz - 1 MHz, > 60 dB; 1 MHz - 18000 MHz, > 90 dB.
Electrical insulation	> 2 MΩ
Ground system resistance	< 4 Ω
Voltage Standing Wave Ratio (VSWR)	≤ 6 dB, from 1 to 18 GHz, 3m distance
Uniformity of field strength	Between 0 and 6 dB, from 80 to 6000 MHz

## **ANNEX A: MEASUREMENT RESULTS**

### **A.1. Electric Field Strength of Fundamental and Outside the Allocated bands**

#### **A.1.1. Reference**

See Clause 13.5, Clause 13.4, Clause 8, and Annex E of ANSI C63.4-2014 specifically

See Clause 4, Clause 5, and Clause 6 of ANSI C63.4-2014 generally

See CFR 47 § 15.225(a)

See RSS-210 Issue9 A2.6

#### **A.1.2. Measurement Methods**

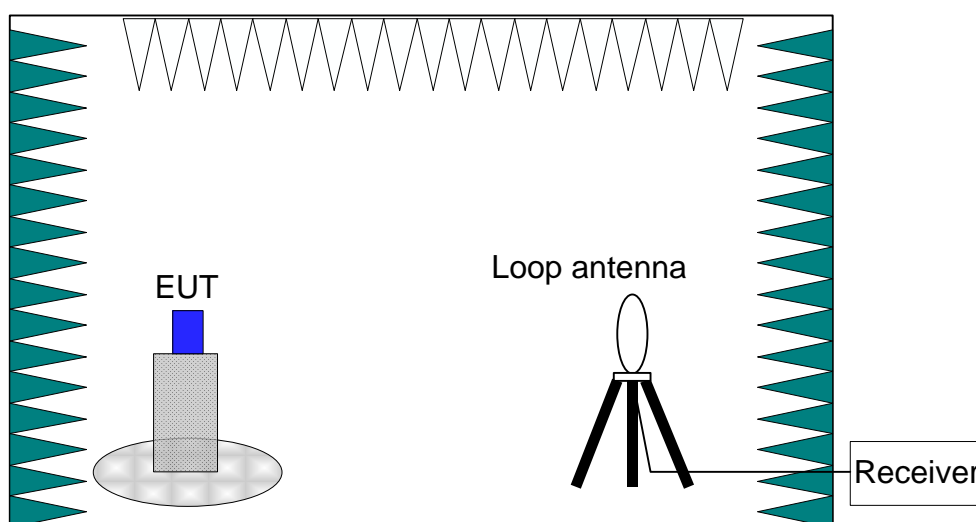
The transmitter carrier output levels (E-Field) from the EUT are measured in a semi-anechoic chamber. The EUT is placed on a non-conductive stand of 80cm high, and at a measurement distance of 3m from the receiving antenna. The center of the receiving loop antenna is 1.0 meter above the ground. The E-field is measured with a shielded loop antenna connected to a measurement receiver. Detected E-field was maximized by rotating the EUT through 360° and adjusting the receiving antenna polarizations. The maximization processes were repeated with the EUT positioned respectively in its three orthogonal axes. The measurements were performed with the peak detector and if required, the quasi-peak detector.

The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/VBW
12.56-14.56	10/30 kHz

The E-field measured at 3m is calculated as:

$$\text{E-field (dB}\mu\text{V/m)} = \text{Rx (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{AF@3m (dB/m)}$$



#### **A.1.3. EUT Operating Mode and Test Conditions**

The measurement of EUT is carried out under the transmit state of NFC (See 3.5).

The EUT is powered by a travel adapter.

During the measurements, the ambient temperature of the electromagnetic anechoic chamber is in the range of 15 ~ 25°C.

**A.1.4. Limits**

Frequency Range (MHz)	E-field Strength Limit @ 30 m (μV/m)	E-field Strength Limit @ 3 m (dBμV/m)
13.560 ± 0.007	+15,848	124
13.410 to 13.553 13.567 to 13.710	+334	90
13.110 to 13.410 13.710 to 14.010	+106	81

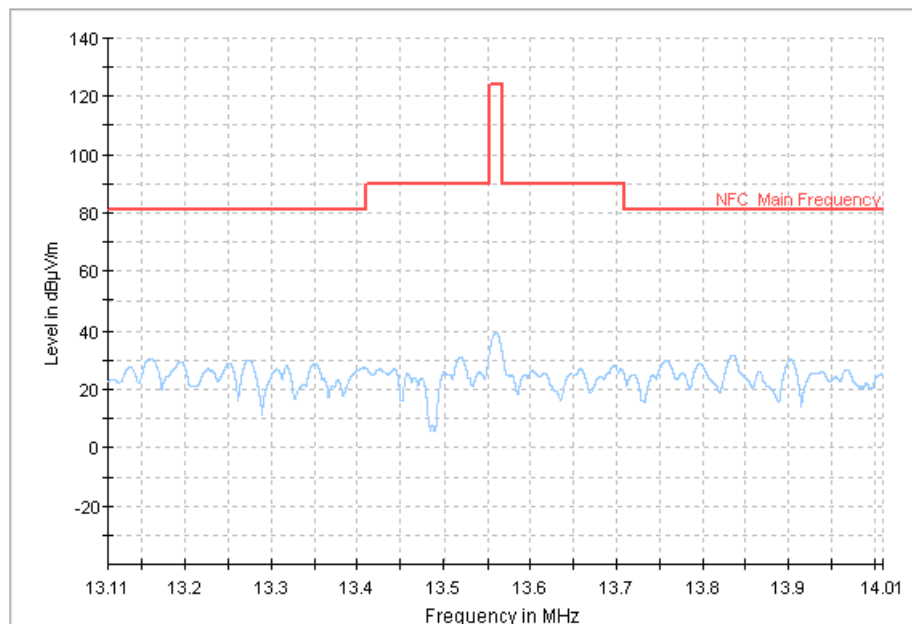
Note: Where the limits have been defined at one distance, and a signal level measured at another, the limits have been extrapolated using the following formula:

$$\text{Extrapolation(dB)} = 40\log_{10}\left(\frac{\text{Measurement Distance}}{\text{Specification Distance}}\right)$$

**A.1.5. Measurement Results**

Measurement results of normal conditions see Figure A-1 for different set-ups of EUT. The result displayed take into account applicable antenna factors and cable losses.

**Conclusions: PASS.**



**Figure A-1 Electric Field Strength**

**A.1.6. Measurement Uncertainty**

Measurement uncertainty:  $U = 4.0 \text{ dB}$ ,  $k=2$ .

## **A.2. Electric Field Radiated Emissions (<30MHz)**

### **A.2.1. Reference**

See Clause 13.4, Clause 8 and Annex E of ANSI C63.4-2014 specifically

See Clause 4, Clause 5, and Clause 6 of ANSI C63.4-2014 generally

See CFR 47 § 15.225(b)

See CFR 47 § 15.225(c)

See RSS-210 Issue9 A2.6

### **A.2.2. Measurement Methods**

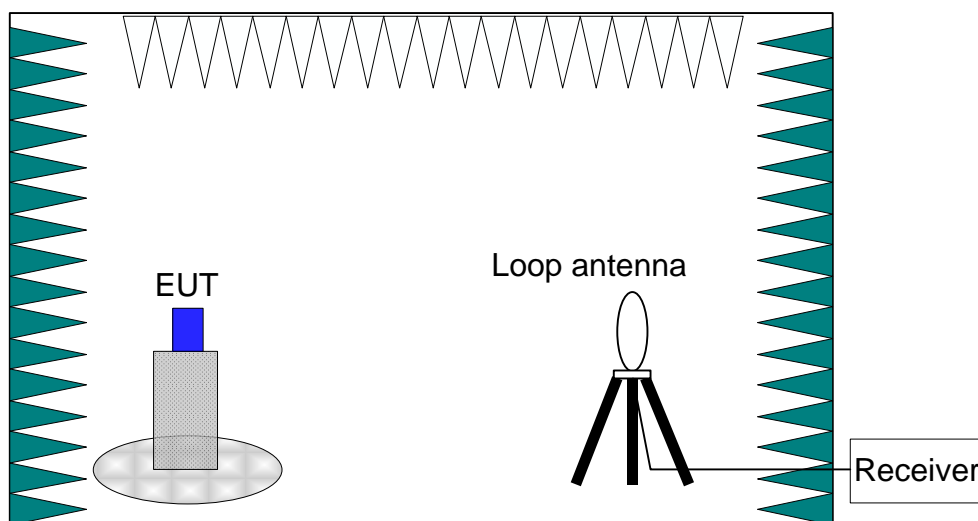
The transmitter carrier output levels (E-Field) from the EUT are measured in a semi-anechoic chamber. The EUT is placed on a non-conductive stand of 80cm high, and at a measurement distance of 3m from the receiving antenna. The center of the receiving loop antenna is 1.0 meter above the ground. The E-field is measured with a shielded loop antenna connected to a measurement receiver. Detected E-field was maximized by rotating the EUT through 360° and adjusting the receiving antenna polarizations. The maximization processes were repeated with the EUT positioned respectively in its three orthogonal axes. The measurements were performed with the peak detector and if required, the quasi-peak detector.

The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/VBW
0.009-0.15	100/300 Hz
0.15-30	10/30 kHz

The E-field measured at 3m is calculated as:

$$\text{E-field (dB}\mu\text{V/m)} = \text{Rx (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{AF@3m (dB/m)}$$



### **A.2.3. EUT Operating Mode and Test Conditions**

The measurement of EUT is carried out under the transmit state of NFC (See 3.5).

The EUT is powered by a travel adapter.

During the measurements, the ambient temperature of the electromagnetic anechoic chamber is in the range of 15 ~ 25°C.

#### A.2.4. Limits

Frequency Range (MHz)	E-field Strength Limit @ 30m (mV/m)	E-field Strength Limit @ 3m (dB $\mu$ V/m)
0.009-0.490	2400/F(kHz)	129-94
0.490-1.705	24000/F(kHz)	74-63
1.705-30	30	70

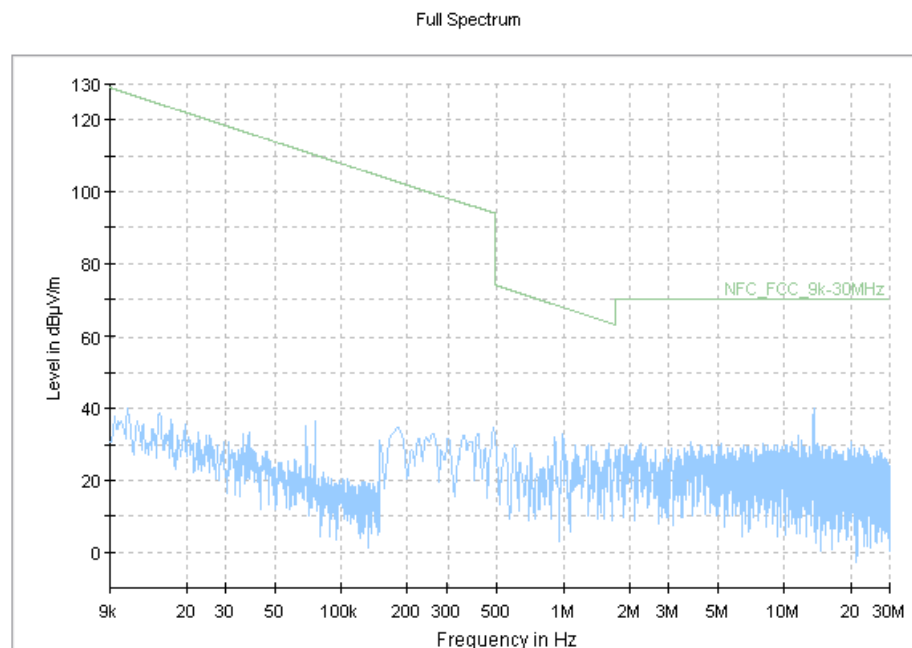
Note: Where the limits have been defined at one distance, and a signal level measured at another, the limits have been extrapolated using the following formula:

$$\text{Extrapolation(dB)} = 40\log_{10}(\text{Measurement Distance}/\text{Specification Distance})$$

#### A.2.5. Measurement Results

Measurement results of normal conditions see Figure A-2 for different set-ups of EUT. The result displayed take into account applicable antenna factors and cable losses.

**Conclusions: PASS.**



**Figure A-2 Transmit State (9k-30M)**

#### A.2.6. Measurement Uncertainty

Measurement uncertainty:  $U = 4.0$  dB,  $k=2$ .

### **A.3. Electric Field Radiated Emissions ( $\geq 30\text{MHz}$ )**

#### **A.3.1. Reference**

See Clause 13.4, Clause 8, and Annex E of ANSI C63.4-2014 specifically

See Clause 4, Clause 5, and Clause 6 of ANSI C63.4-2014 generally

See CFR 47 § 15.209

See CFR 47 § 15.225(d)

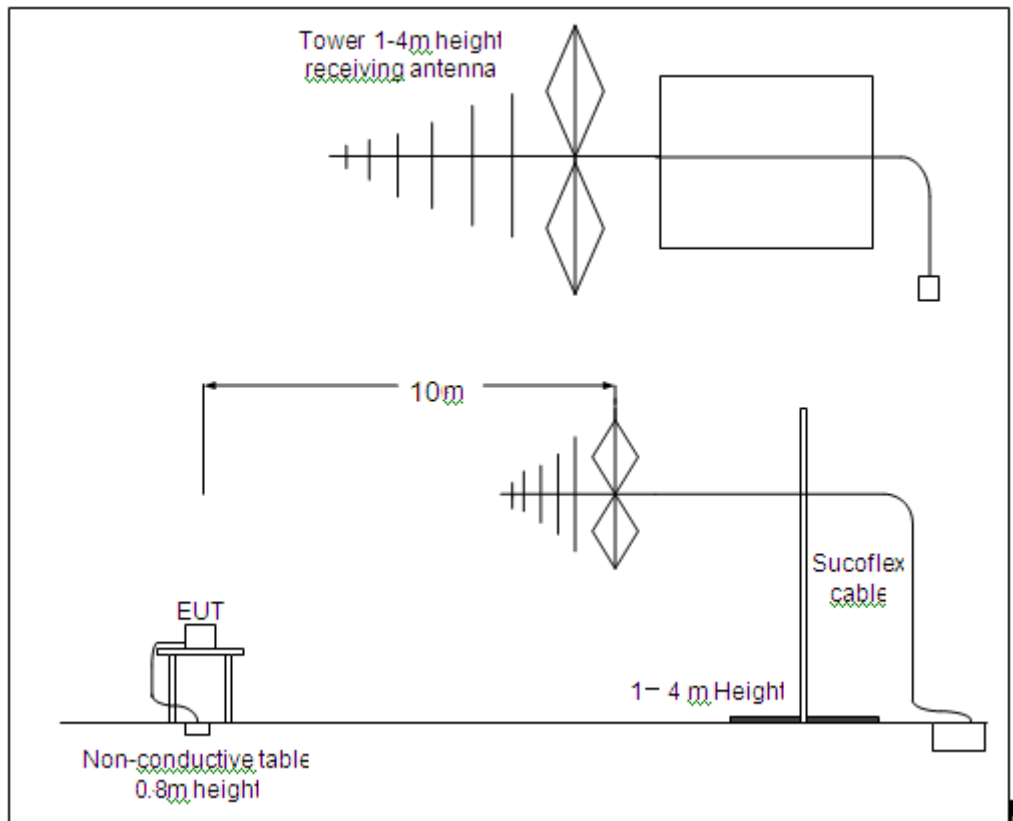
See RSS-210 Issue9 A2.6

#### **A.3.2. Measurement Methods**

The electric field radiated emissions from the EUT are measured in a semi-anechoic chamber. The EUT is placed on a non-conductive stand of 80cm high, and at a measurement distance of 10m from the receiving antenna. The receiving antennas connected to a measurement receiver comply with Clause 15 of ANSI C63.2-1996 and Clause 4.1.5 of ANSI C63.4-2014. In order to search for maximum field strength emitted from the EUT, the receiving antenna can be moved between the height of 1.0 m to 4.0 m. Detected E-field was maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna positions for both vertical and horizontal antenna polarizations. The maximization processes were repeated with the EUT positioned respectively in its three orthogonal axes. The measurements were performed with the peak detector and if required, the quasi-peak detector.

The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/VBW
30-1000	120kHz



### A.3.3. EUT Operating Mode and Test Conditions

The measurement of EUT is carried out under the transmit state of NFC (See 3.5).

EUT had been connected to a travel adapter.

During the measurements, the ambient temperature of the electromagnetic anechoic chamber is in the range of 15 ~ 25°C.

### A.3.4. Limits

Frequency Range (MHz)	E-field Strength Limit @ 3m (mV/m)	E-field Strength Limit @ 3m (dB $\mu$ V/m)	E-field Strength Limit @ 10m (dB $\mu$ V/m)
30-88	100	40	30
88-216	150	43.5	33.5
216-960	200	46	36
960-1000	500	54	44

### A.3.5. Measurement Results

Measurement results of normal conditions see Figure A-3 for different set-ups of EUT. The result displayed take into account applicable antenna factors and cable losses.

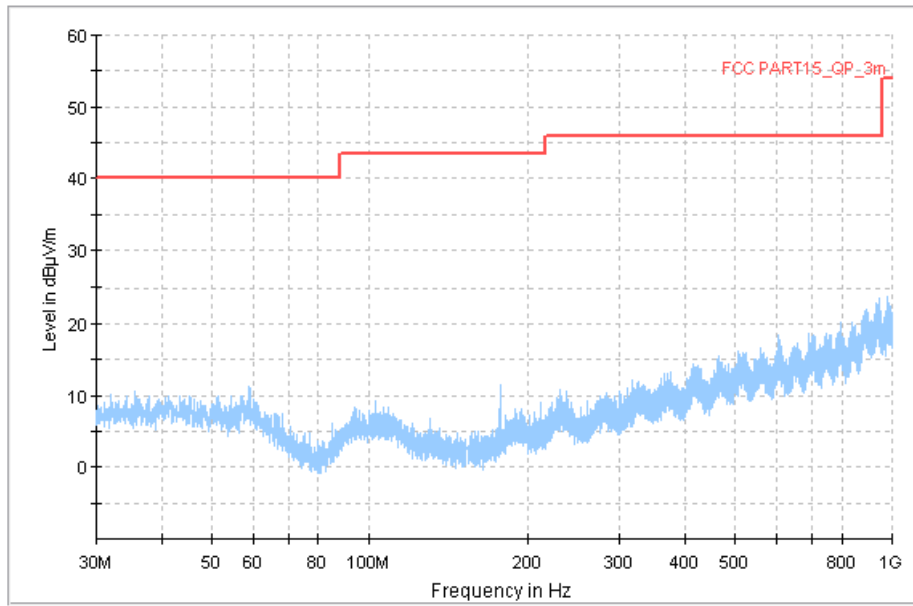
**Conclusions: PASS.**

### A.3.6. Measurement Uncertainty

Measurement uncertainty:  $U=3.9$  dB,  $k=2$



Full Spectrum



**Figure A-3 Transmit State (30M-1G)**

## **A.4. Frequency Tolerance**

### **A.4.1. Reference**

See Clause 13.6 of ANSI C63.4-2014 specifically

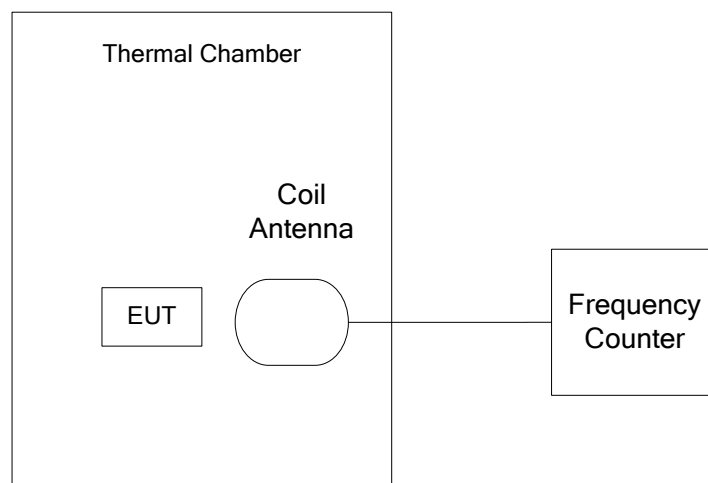
See Clause 4, Clause 5, and Clause 6 of ANSI C63.4-2014 generally

See RSS-210 Issue9 A2.6

See CFR 47 § 15.225(e)

See RSS-210 Issue9 A2.6

### **A.4.2. Measurement Methods**



The transmitter output signal was picked up by coil antenna connected to the frequency counter. The center frequency was measured with 30Hz RBW and 1kHz span.

During the test, the EUT was placed in a thermal chamber until thermal balance and lasting appropriate time.

### **A.4.3. EUT Operating Mode and Test Conditions**

The measurement of EUT is carried out under the transmit state of without modulation (See 3.5).

EUT had been not connected to a travel adapter.

Operation Temperature: T min, T nom, and T max with V nom.

Operation Voltage: V min and V max with T nom.

### **A.4.4. Test Layouts**

See A.4.2.

### **A.4.5. Limits**

The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% of the operating frequency.

### **A.4.6. Measurement Results**

Measurement results see Table A-1 for different test conditions.

**Conclusions: PASS.**

**Table A-1: Frequency Stability VS Temperature and Voltage**

Temperature	Voltage	Frequency Error (MHz)			
		Startup	2 Min Later	5 Min Later	10 Min Later
T min	V nom	13.559710	13.559710	13.559710	13.559710
T max	V nom	13.559716	13.559716	13.559716	13.559716
T nom	V nom	13.559711	13.559711	13.559711	13.559711
T nom	V min	13.559711	13.559711	13.559711	13.559711
T nom	V max	13.559711	13.559711	13.559711	13.559711

Temperature	Voltage	Frequency Error (%)			
		Startup	2 Min Later	5 Min Later	10 Min Later
T min	V nom	0.002	0.002	0.002	0.002
T max	V nom	0.002	0.002	0.002	0.002
T nom	V nom	0.002	0.002	0.002	0.002
T nom	V min	0.002	0.002	0.002	0.002
T nom	V max	0.002	0.002	0.002	0.002

**A.4.7. Measurement Uncertainty**

Measurement uncertainty:  $U = 77$  Hz,  $k=2$

## **A.5. 20dB Bandwidth**

### **A.5.1. Reference**

See Clause 13.7 of ANSI C63.4-2014 specifically

See Clause 4, Clause 5, and Clause 6 of ANSI C63.4-2014 generally

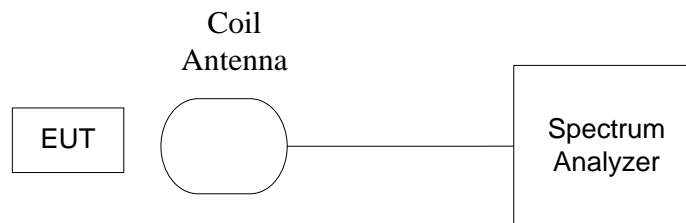
See CFR 47 § 15.215(c)

### **A.5.2. Measurement Methods**

The transmitter output signal was picked up by coil antenna to the spectrum analyzer.

The transmitter output signal was picked up by coil antenna connected to the spectrum analyzer.

The bandwidth of the center frequency was measured with 140Hz RBW, 420Hz VBW and 14kHz span.



### **A.5.3. EUT Operating Mode and Test Conditions**

The measurement of EUT is carried out under the transmit state of NFC and without modulation (See 3.5).

EUT had been not connected to a travel adapter.

During the measurements, the ambient temperature is in the range of 15 ~ 25°C.

### **A.5.4. Test Layouts**

See A.5.2.

### **A.5.5. Limits**

The 20dB bandwidth shall be less than 80% of the permitted frequency band. For 13.56 MHz NFC, the permitted frequency band is 14 kHz, so the limit is 11.2 kHz.

### **A.5.6. Measurement Results**

Measurement results see Figure A-4.

**Conclusions: PASS.**

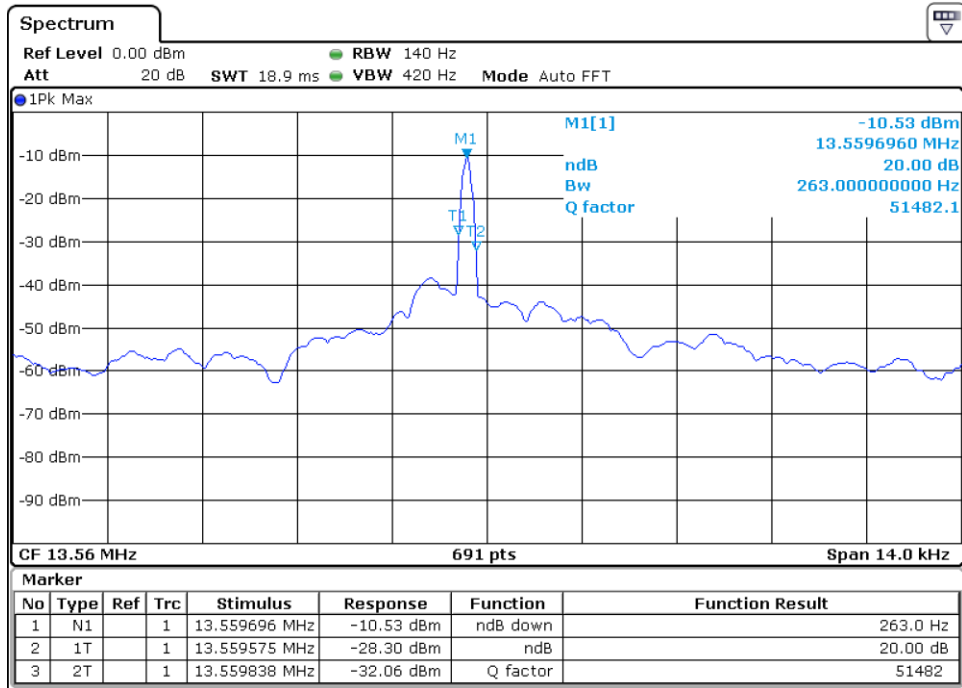


Figure A-4 20dB Bandwidth

### A.5.7. Measurement Uncertainty

Measurement uncertainty:  $U = 77$  Hz,  $k=2$

## A.6. Conducted emission

### A.6.1. Reference

See Clause 13.3 and Clause 7 of ANSI C63.4-2014 specifically

See Clause 4, Clause 5, and Clause 6 of ANSI C63.4-2014 generally

See CFR 47 § 15.207

See RSS-Gen Issue4 8.8

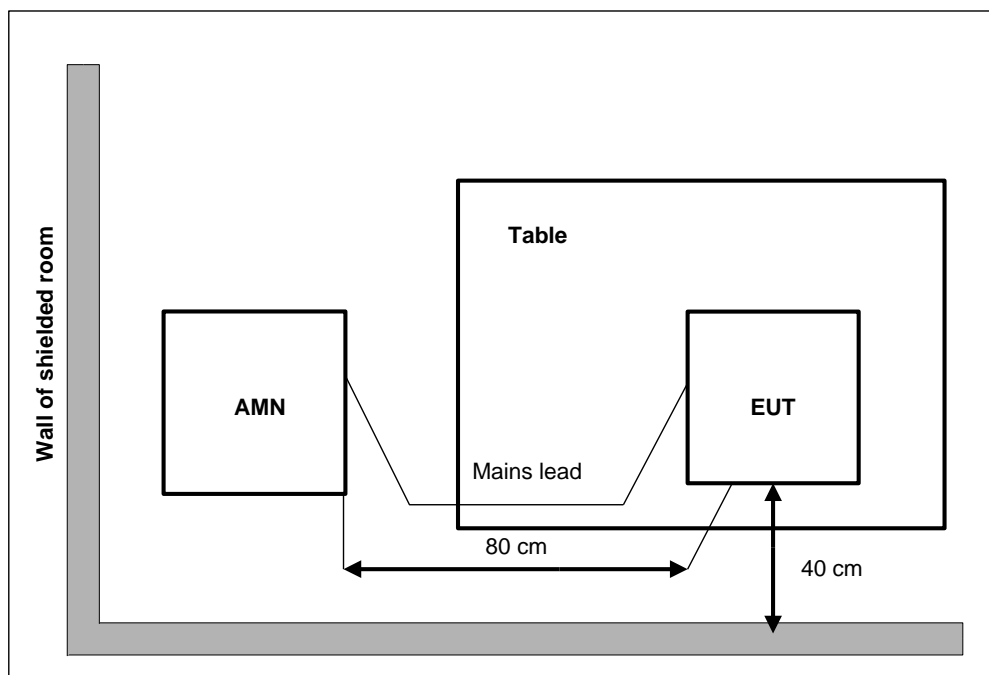
### A.6.2. Measurement Methods

The conducted emissions from the AC port of the EUT are measured in a shielding room. The EUT is connected to a Line Impedance Stabilization Network (LISN). An overview sweep with peak detection was performed. The measurements were performed with a quasi-peak detector and if required, an average detector.

The conducted emission measurements were made with the following detector of the test receiver: Quasi-Peak / Average Detector.

The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/VBW
0.15-30	9kHz



### A.6.3. EUT Operating Mode and Test Conditions

The measurement of EUT is carried out under the transmit state of NFC (See 3.5).

The EUT is powered by a travel adapter.

During the measurements, the ambient temperature is in the range of 15 ~ 25°C.

**A.6.4. Limits**

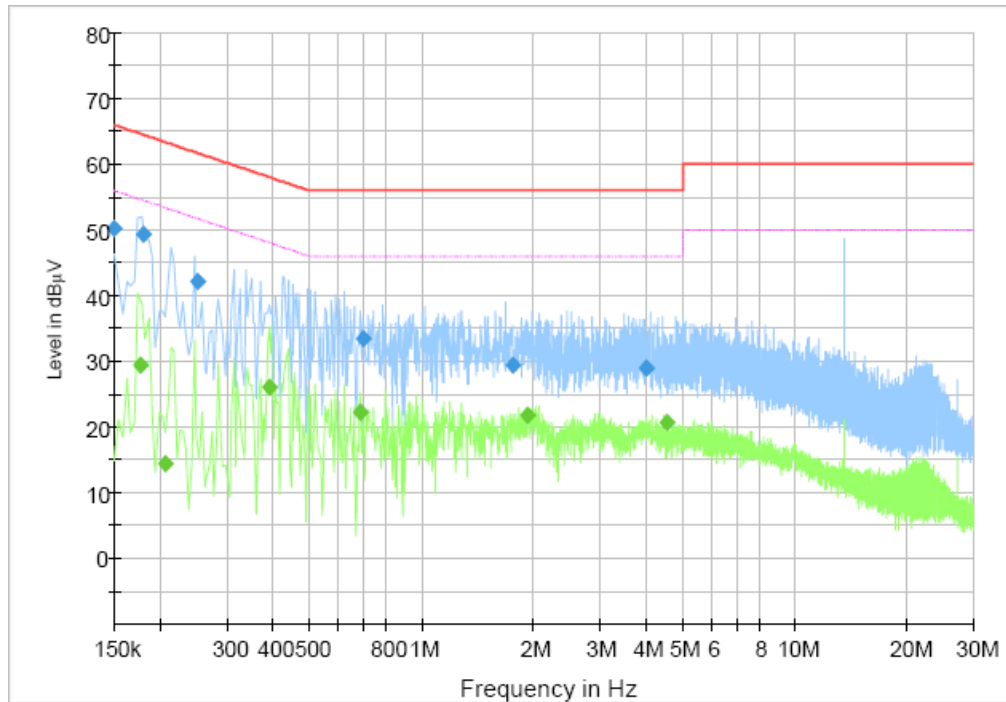
Frequency range (MHz)	Quasi-peak Limit (dB $\mu$ V)	Average Limit (dB $\mu$ V)
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	56	46
5 to 30	60	50

**A.6.5. Measurement Results**

Measurement results see Figure A-5, Figure A-6.

**Conclusions: PASS.**

Note: The measurement result at 13.56MHz is the fundamental emission of NFC signal.



**Figure A-5 Test result (120V)**

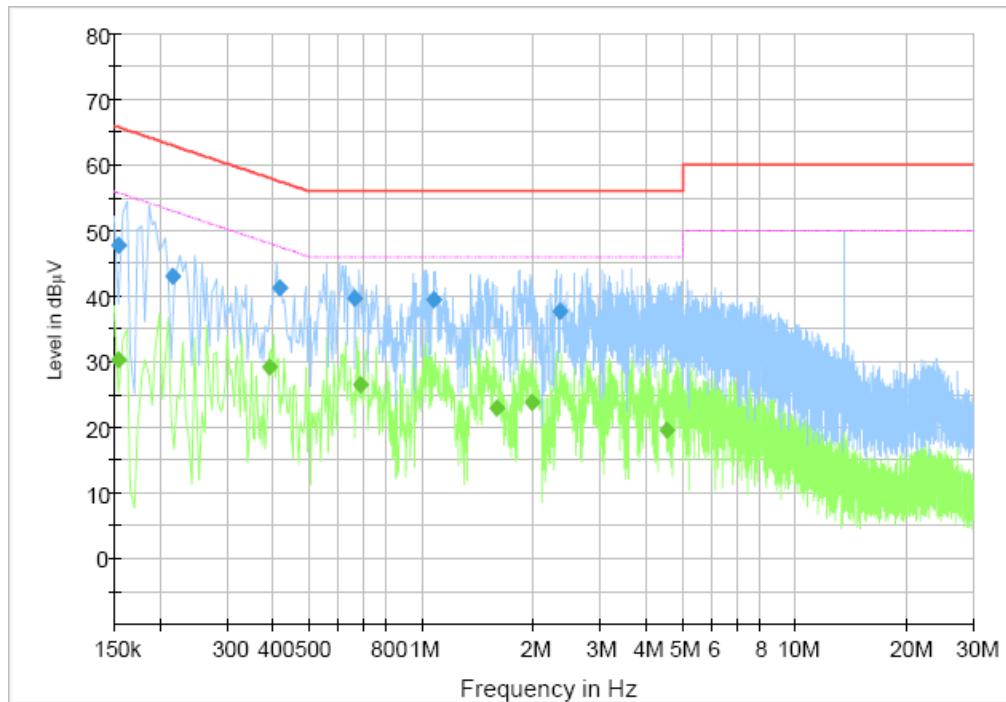
**Final Result 1**

Frequency(MHz)	QuasiPeak(dBµV)	Limit(dBµV)	Margin(dB)	Line	Filter	Corr.(dB)
0.150	50.16	66.00	15.84	L1	ON	9.6
0.180	49.27	64.49	15.22	N	ON	9.6
0.252	42.07	61.69	19.62	N	ON	9.6
0.696	33.37	56.00	22.63	N	ON	9.6
1.752	29.51	56.00	26.49	N	ON	9.7
4.012	28.99	56.00	27.01	N	ON	9.7

**Final Result 2**

Frequency(MHz)	Average(dBµV)	Limit(dBµV)	Margin(dB)	Line	Filter	Corr.(dB)
0.176	29.50	54.67	25.18	N	ON	9.6
0.206	14.46	53.37	38.91	L1	ON	9.6
0.392	25.95	48.02	22.08	N	ON	9.7
0.684	22.20	46.00	23.80	N	ON	9.6
1.920	21.69	46.00	24.31	L1	ON	9.7
4.520	20.63	46.00	25.37	L1	ON	9.7





**Figure A-6 Test result (240V)**

**Final Result 1**

Frequency(MHz)	QuasiPeak(dBµV)	Limit(dBµV)	Margin(dB)	Line	Filter	Corr.(dB)
0.154	47.73	65.78	18.05	N	ON	9.6
0.216	42.97	62.97	20.00	N	ON	9.6
0.416	41.38	57.53	16.15	N	ON	9.7
0.660	39.67	56.00	16.33	N	ON	9.6
1.076	39.48	56.00	16.52	N	ON	9.7
2.336	37.60	56.00	18.40	N	ON	9.7

**Final Result 2**

Frequency(MHz)	Average(dBµV)	Limit(dBµV)	Margin(dB)	Line	Filter	Corr.(dB)
0.154	30.35	55.78	25.43	N	ON	9.6
0.392	29.28	48.02	18.74	L1	ON	9.7
0.684	26.43	46.00	19.57	L1	ON	9.6
1.588	22.93	46.00	23.07	N	ON	9.7
1.972	23.74	46.00	22.26	N	ON	9.7
4.516	19.57	46.00	26.43	N	ON	9.7

**A.6.6. Measurement Uncertainty**

Measurement uncertainty:  $U = 3.2$  dB,  $k=2$

## **A.7. Occupied Bandwidth**

### **A.7.1. Reference**

See Clause 13.7 of ANSI C63.4-2014 specifically

See Clause 4, Clause 5, and Clause 6 of ANSI C63.4-2014 generally

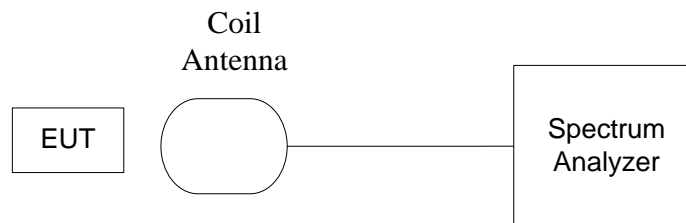
See RSS-Gen Issue4 6.6

### **A.7.2. Measurement Methods**

The transmitter output signal was picked up by coil antenna to the spectrum analyzer.

The transmitter output signal was picked up by coil antenna connected to the spectrum analyzer.

The bandwidth of the center frequency was measured with 140Hz RBW, 420Hz VBW and 14kHz span.



### **A.7.3. EUT Operating Mode and Test Conditions**

The measurement of EUT is carried out under the transmit state of NFC and without modulation (See 3.5).

EUT had been not connected to a travel adapter.

During the measurements, the ambient temperature is in the range of 15 ~ 25°C.

### **A.7.4. Test Layouts**

See A.7.2.

### **A.7.5. Limits**

When the occupied bandwidth limit is not stated in the applicable RSS or reference measurement method, the transmitted signal bandwidth shall be reported as the 99% emission bandwidth, as calculated or measured.

### **A.7.6. Measurement Results**

Measurement results see Figure A-7.

**Conclusions: PASS.**

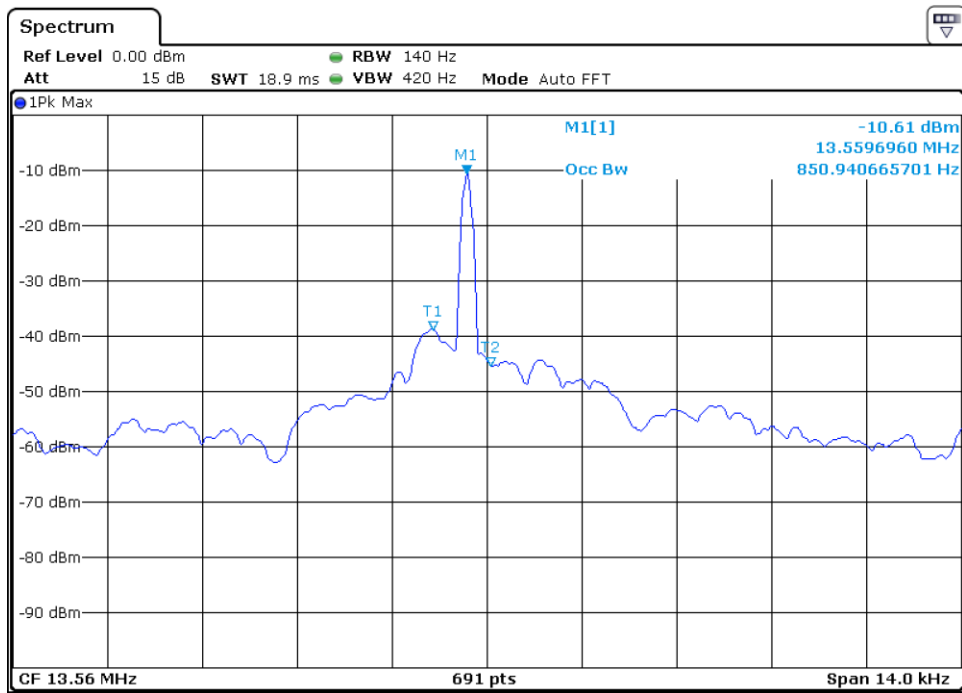


Figure A-7 Occupied Bandwidth

#### A.7.7. Measurement Uncertainty

Measurement uncertainty:  $U = 77$  Hz,  $k=2$

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