

Test report nr. 23311FCC15

Measurements performed in accordance with:

**FCC Rules: code of Federal Regulations (CFR) no. 47
PART 15 – RADIO FREQUENCY DEVICES**

Product: Low power transmitter at 433.92MHz

Tested models: P1I/U, P1SI/I, P6I/U, P6SI/U, P1VI/U, P6SVI/U

FCC ID PMLERAPIU

Applicant: Nice S.p.A.

Manufacturer: Nice S.p.A.

Trademark: Nice

Testing Laboratory Nice S.p.A.
Via Pezza Alta, 13
I-31046 Rustignè di Oderzo (TV)

Registration number: 771316

Date of receipt sample: 2015-08-03

Testing date: 2015-08-03 to 2015-08-06

Issue date: 19 November 2015

Tested by: L. Pastors *Loris Pastors*

Checked by: E. Campion *Ezio Campion*

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1

General Description of Equipment under Test

1.1 Applicant

Name: Nice S.p.A.
Address: Via Pezza Alta, 13 31046 Rustignè di Oderzo (TV)
Country: ITALY

1.2 Manufacturer

Name: Nice S.p.A.
Address: Via Pezza Alta, 13 31046 Rustignè di Oderzo (TV)
Country: ITALY

1.3 Equipment classification

According to definition 15.3 (o) is a intentional Radiator operating within the Frequency:

so it shall fulfil provisions of 47CFR Part 15 Subpart C – international radiators – and Section 15.209.

According to definition 15.3 (z) is a unintentional Radiator:

So it shall fulfil provisions of 47CFR Part 15 Subpart B – Unintentional radiator and section 15.231.

1.4 Basic Description of equipment under test

Parameters	Value
Type of equipment:	Low power device at 433.92MHz
Model:	P1I/U, P1SI/U, P6I/U, P6SI/U, P1VI/U, P6SVI/U
FCC ID:	PMLERAPIU
Trade Name:	Nice
Data cable:	N/A
Telecom cable:	N/A
Power supply type:	3Vdc (battery 2 x 1.5V type AAA)
AC power input cable:	N/A
DC power input cable:	N/A

Model	Description
P6SVI/U	Representative model tested with 6 groups, sun on-off and slide
P6SI/U P6I/U P1V/U P1S/U P1I/U	Same of P6SVI/U without slide Same of P6SVI/U without sun on-off and slide Same of P6SVI/U with only 1 group and without sun on-off Same of P6SVI/U with only 1 group and without slide Same of P6SVI/U with only 1 group and without sun on-off and slide

Note: the PCB are same for all models but in the reduced models some buttons are missing.

1.5 Feature of equipment under test

Parameters	Value
Power specification	3Vdc (battery 2 x 1.5V type AAA)
Operating frequency:	433.92MHz
Maximum RF output power:	94.93BμV/m peak (79.83dBμV/m average) @ 3m
Occupied Bandwidth (99% BW):	72kHz
Emission Designator (ITU):	72K0F1D
Modulation:	FSK
Channel spacing:	No channel
Antenna:	Integrated, 0dB
Rx Sensitivity:	N/A
Main SW identification:	N/A
Main HW board identification:	N/A
Peripherals included (for system application):	N/A
Interfaces:	N/A
Integrated interfaces	N/A
AC adapter:	N/A

2

Test configuration of equipment under test

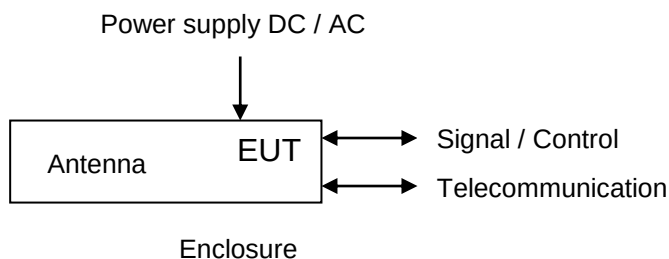
2.1 Environmental conditions

Test conditions	Measured
Ambient temperature:	20 ÷ 25°C
Relative humidity:	50 ÷ 60%
Atmospheric pressure:	900 ÷ 1010mb

2.2 Description of support equipment

Equipment	Manufacturer	Model
-	-	-

2.3 Interface identification and connection diagram of test system



#	Interface	Description	Maximum length	Ref. Document
1	Enclosure	Plastic	150 x 50 x 15 mm	-
2	AC mains power input	Not present	-	-
3	DC power port	3Vdc (battery) inside	-	-
4	Signal / control port	Not present	-	-
5	Antenna port	Integral into equipment	-	-
6	Telecommunication	Not present	-	-

3

Operation of equipment under test

3.1 Operating test conditions

#	Description
1	Transmission
2	Standby

4

Tests identification and result

CFR47 Part 15 Section	Title	Operating condition	Result
15.203 15.247 (b)(4)(i)	Antenna requirements	-	N/A
15.207 (a)	Conducted emission	-	N/A
15.209 (a) (f)	Radiated emission	#1, 2	PASS
15.231 (a)	Timing of the transmitter	#1	PASS
15.231 (a)	Transmit behaviour after releasing the TX-button	#1	PASS
15.231 (b)	Radiated output power	#1	PASS
15.35 (c)	Typical pulse train of a signal	#1	PASS
15.231 (b)	Compliance with the limit of FCC	#1	PASS
15.231 (b)	Spurious emission - radiated	#1	PASS
15.231 (c)	Occupied bandwidth	#1	PASS

4.1 Methods of measurement

All compliance measurements have been carried out using the procedures described in the standard ANSI C63.4-2014 (excluding sub-par. 4.1.5.2, 5.7.9 and 14), C63.10-2013 and Section 15.31 of CFR47 Part 15 – Subpart A (General).

4.2 Frequency range investigated

- a) conducted emission tests: from 9kHz to 30MHz.
- b) Radiated emission tests: from 150kHz to tenth harmonic of fundamental.

5 Tests

5.1 Antenna requirements

Specify:

Base standard:	47CFR Part 15 Sections 15.203, 15.204
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An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirements does not apply to carrier current devices or to devices operated under the provisions of Sections 15.211, 15.213, 15.217, 15.219 or 15.221. Further, this requirements does not apply to intentional radiators which, in accordance with Section 15.31 (d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this Part are not exceeded.

Antenna Specification:

N° of authorized antenna type:	
Antenna type:	
Maximum total gain:	
External power amplifiers:	

Antenna description:

No.	Manufacturer	Model Type

Comments:

-

5.2 Conducted emission

Specify:

Base standard:	47CFR Part 15 Section 15.207
----------------	------------------------------

- 1) The EUT was placed on wooden table size 80cm, raised 80cm in which is located 40cm away from the vertical wall shielded room.
- 2) Each EUT powered input cord was individually connected through a 50Ω/50μH LISN to the input power source.
- 3) Exploratory measurements were made identify the frequency of the emission that had the highest amplitude relative to the limit by operating the EUT in a range of typical modes operation, cable position, and with a typical system equipment configuration and arrangement. Based on the exploratory tests of the EUT, the one EUT cable configuration and arrangement and mode of operation that had produced the emission with the highest amplitude relative to the limit was selected for the final measurement.
- 4) The final test on all current-carrying conductors of all of the power cords to the equipment that comprises the EUT (but not the cords associated with other non-EUT equipment is the system) was than performed over the frequency range of 0,15MHz to 30MHz.
- 5) The measurements were made with the detector set to PEAK and AVERAGE amplitude within a bandwidth of 10kHz during the measurements.
- 6) The measurements with Quasi-Peak detector are performed only for frequencies for which the Peak values are $\geq$ (Q.P. limit — 6dB)

Test Requirements:

Test Setup:	ANSI C63.4
Limit of mains terminal disturbance voltage:	15.207 (a)
Frequency range:	9kHz — 150kHz 150kHz — 30MHz
IF Bandwidth:	200Hz 9kHz
EMC class	B

Limits ⁽¹⁾:

Frequency [MHz]	Quasi-Peak (dBμV)	Average (dBμV)
0,15 — 0,5	66 — 56	56 — 46
0,5 — 5	56	46
5 — 30	60	50

Note: (1) The lower limit shall apply at the transition frequencies.

—— (2) The limit decreases linearly with the logarithm of the frequency in the range 0,15 MHz to 0,50 MHz.

Test Data:

Port under test	Operating condition	Result
AC mains power input port	#1, 2	Complies

Comments:

-

5.3 Radiated emission

Specify:

Base standard:	47CFR Part 15 Section 15.209
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- 1) The EUT was placed on turntable which is 0,8m above the ground plane.
- 2) The turntable shall rotate from 0° to 360° degrees to determine the position of maximum emission level.
- 3) The EUT is positioned 3m away from the receiving antenna which varied from 1 to 4m to find the highest emission.
- 4) The measurements were made with the detector set to PEAK and AVERAGE amplitude within a bandwidth of 100kHz below 1000MHz and 1MHz above 1000MHz.
- 5) The receiving antenna was positioned in both horizontal and vertical polarization.
- 6) The measurements with Quasi-Peak detector, below 1000MHz are performed only for frequencies for which the Peak values are $\geq$ (Q.P. limit – 6dB).

Test Requirements:

Test Setup:	ANSI C63.4
Test facility:	Anechoic chamber
Test distance:	3m
Limits for radiated disturbances:	15.209 (a)
Frequency range:	150kHz to 1GHz
IF bandwidth (below 30MHz):	9kHz
IF bandwidth (below 1000MHz):	120kHz
IF bandwidth (above 1000MHz):	1MHz
EMC class:	B
Uncertainty:	4.6dB (< 1000MHz) 4.7dB (> 1000MHz)

Limits ⁽¹⁾:

<i>Frequency [MHz]</i>	<i>Field Strength (μV/m)</i>	<i>Measurement distance (m)</i>
0,0009 – 0,490	2400/F(kHz)	300
0,490 – 1,750	24000/F(kHz)	30
1,750 - 30	30	30
30 - 88	100	30
88 - 216	150	3
216 - 960	200	3
above 960	500	3

Note: ⁽¹⁾ to convert the measuring distance from 3m to 300m and 30m to 300m a correction factor from 40dB/decade was used

Test Data.:

<i>Port under test</i>	<i>Operating condition</i>	<i>Result</i>
Enclosure	#1, 2	Complies

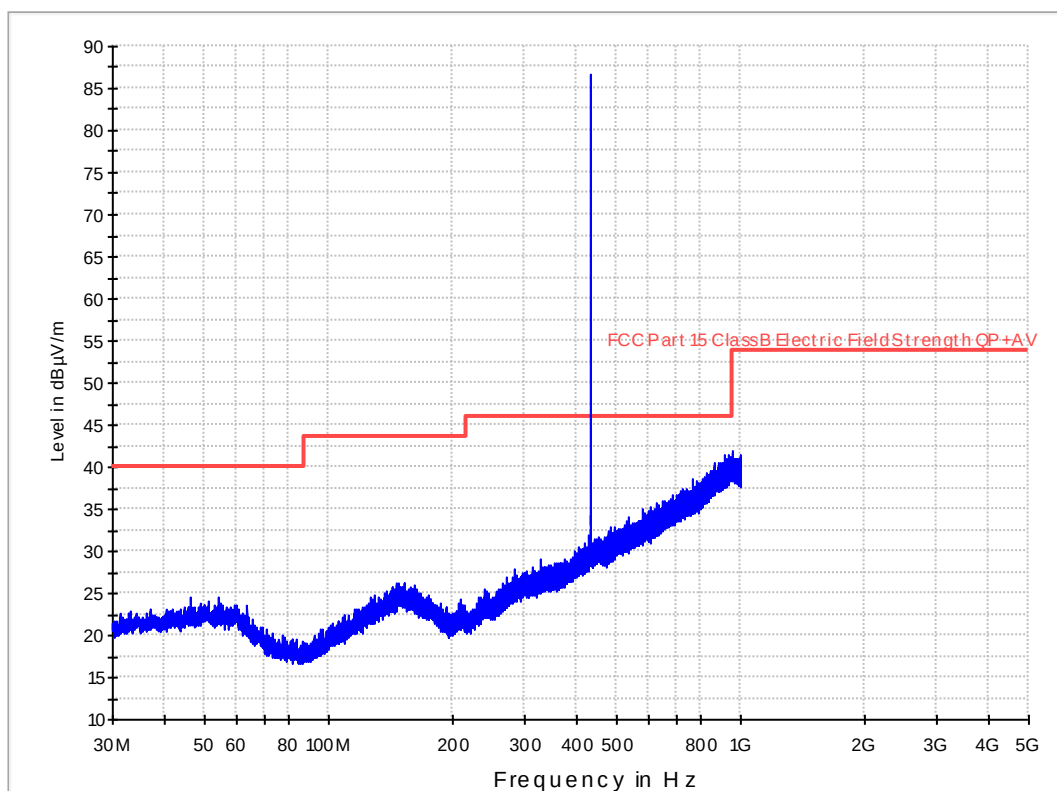
Comments:

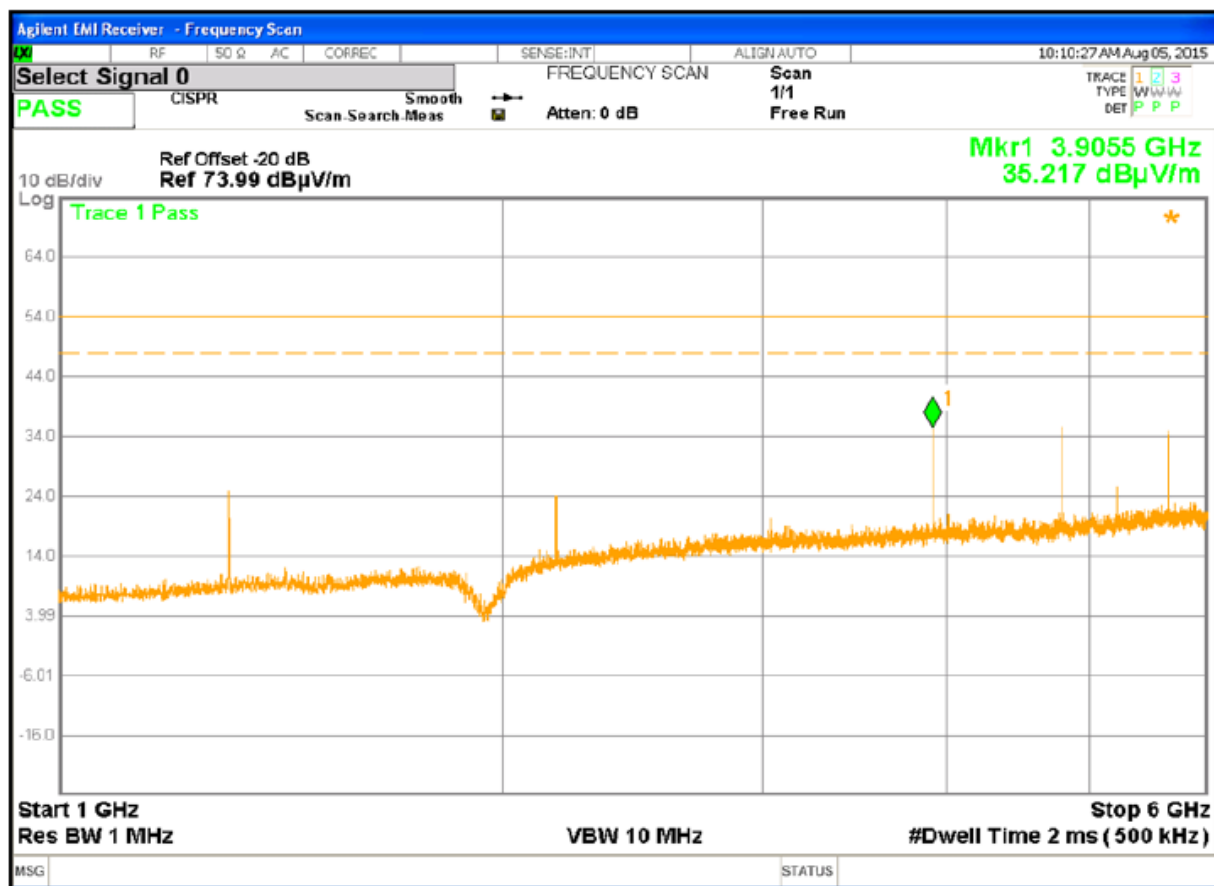
Below 30MHz is not present radiated emissions.

The results represent the worst case of emissions between three polarizations verified (X, Y and Z). The table was rotate of 360° and antenna receiving moved from 1m to 4m to find the maximum emission.

Transmission

EMC32 Report



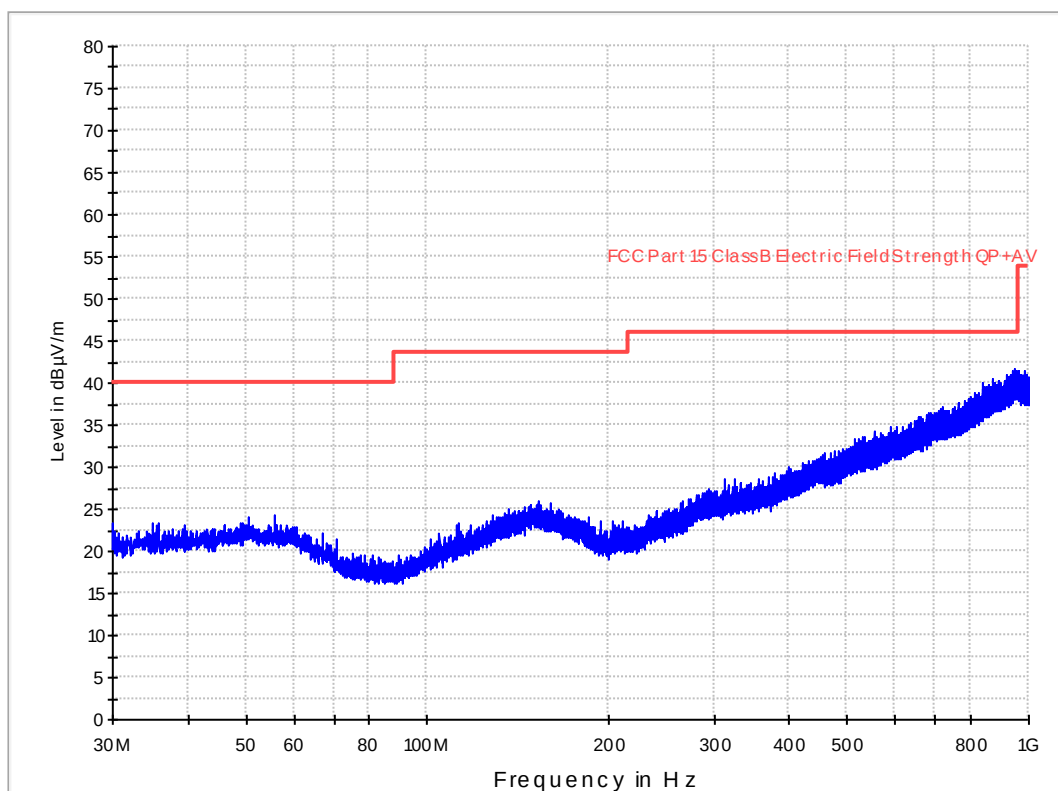


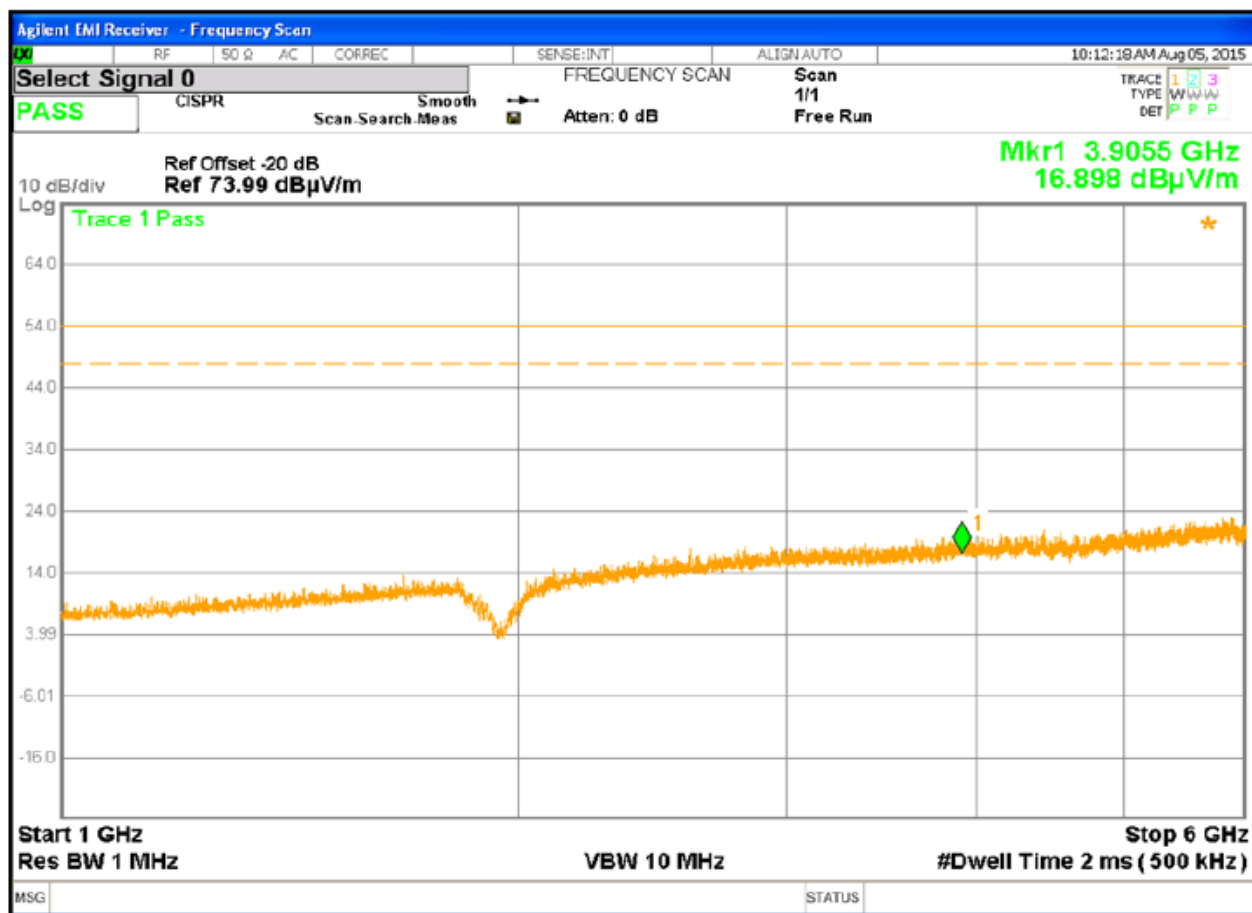
Scan Table

	Start Frequency	Stop Frequency	RBW	Dwell Time	Step Size	Auto Rules	Atten	Auto range	Int Preamp	Auto Preamp	RF Input
1	1.000000000 GHz	6.000000000 GHz	1 MHz	2.00 ms	500.000 kHz	2 Pts/RBW	10 dB	ON	OFF	OFF	Input1

Standby

EMC32 Report





Scan Table

	Start Frequency	Stop Frequency	RBW	Dwell Time	Step Size	Auto Rules	Atten	Auto range	Int Preamp	Auto Preamp	RF Input
1	1.000000000 GHz	6.000000000 GHz	1 MHz	2.00 ms	500.000 kHz	2 Pts/RBW	10 dB	ON	OFF	OFF	Input1

5.4 Timing of the transmitter

Specify:

Base standard: CFR47 Part 15 Section 15.231 (a)

Unless otherwise specified, e.g. Section 15.225 (b), when the radiated emission limits are expressed in term of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0,1 seconds. As an alternative (provided the transmitter operates for longer than 0,1 seconds) or in cases where the pulse exceeds 0,1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0,1 second interval strength shall be submitted with any application for certification or shall be retained in the measurement data file for equipment subjected to notification or verification.

Test requirements:

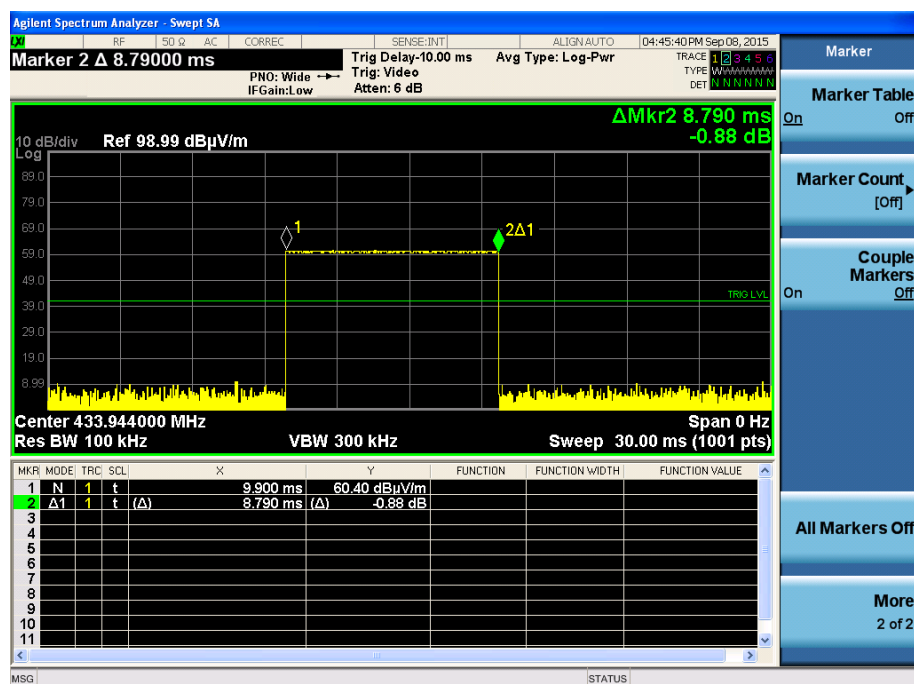
Test Setup:	CFR47 Part 15 Section 15.35 (c)
RBW:	1MHz
VBW:	3MHz
Uncertainty:	0.2µs

Test Data:

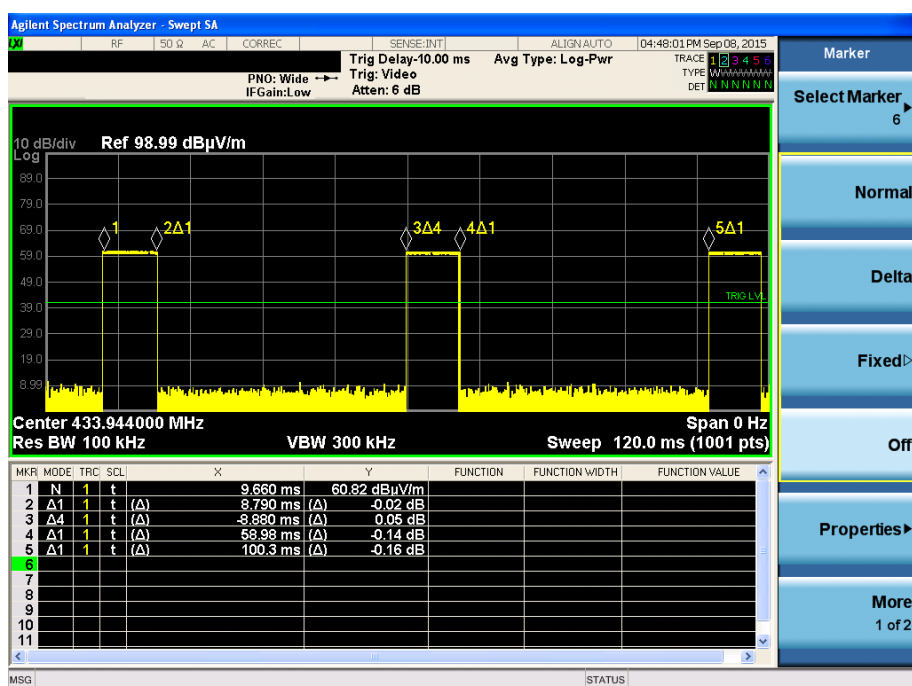
Length of pulse:	8.79ms
Length of pause:	41.5ms
Pulse every 100ms:	2
Calculation correction	$20 \times \log ((2 \times 8.79\text{ms}) / 100\text{ms}) = -15.09\text{dB}$

Comments:

-



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5.5 Transmit behaviour after releasing the TX-button

Specify:

Base standard: 47CFR Part 15 Section 15.231 (a)

Test requirements:

Test Setup:	47CFR Part 15 Section 15.35 (c)
RBW:	1MHz
VBW:	3MHz
Uncertainty:	0.2μs

Test data:

T1:	-
T2:	-
T2-T1:	699.4ms < 5s

Comments:

-



5.6 Radiated output power

Specify:

Base standard:	FCC 15.231 (b)
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Test Requirements:

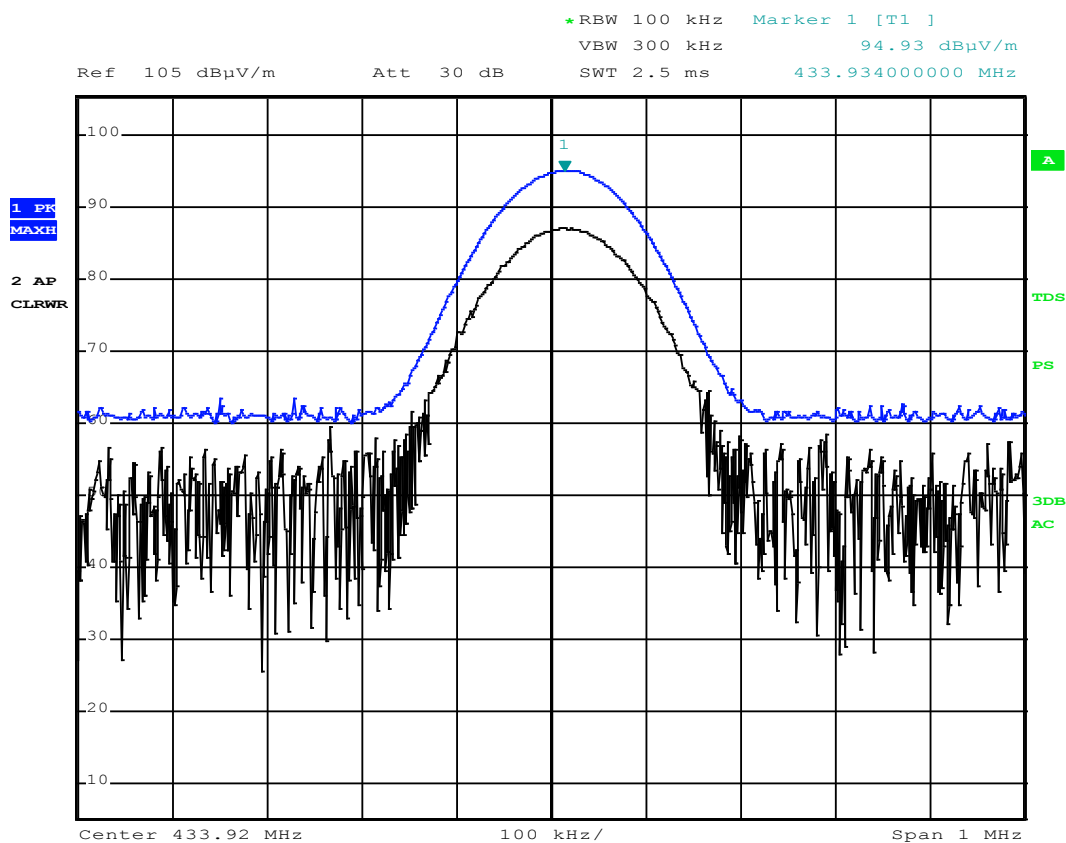
RBW / VBW:	200Hz ($f < 150\text{kHz}$) 9kHz ($150\text{kHz} < f < 30\text{MHz}$) 120kHz ($30\text{MHz} < f < 1000\text{MHz}$) 1MHz ($f > 1000\text{MHz}$)
Uncertainty:	3.7dB

Test data:

Output radiated power (3m of distance):	94.93 dB μ V/m (peak) at distance of 3m 79.83 dB μ V/m (average) at distance of 3m
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Comments:

The results represent the worst case of emissions between three polarizations verified (X, Y and Z). The table was rotate of 360° and antenna receiving moved from 1m to 4m to find the maximum emission.



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5.7 Typical pulse train of a signal

Specify:

Base standard: 47CFR Part 15 Section 15.231 (a)

Test Setup:

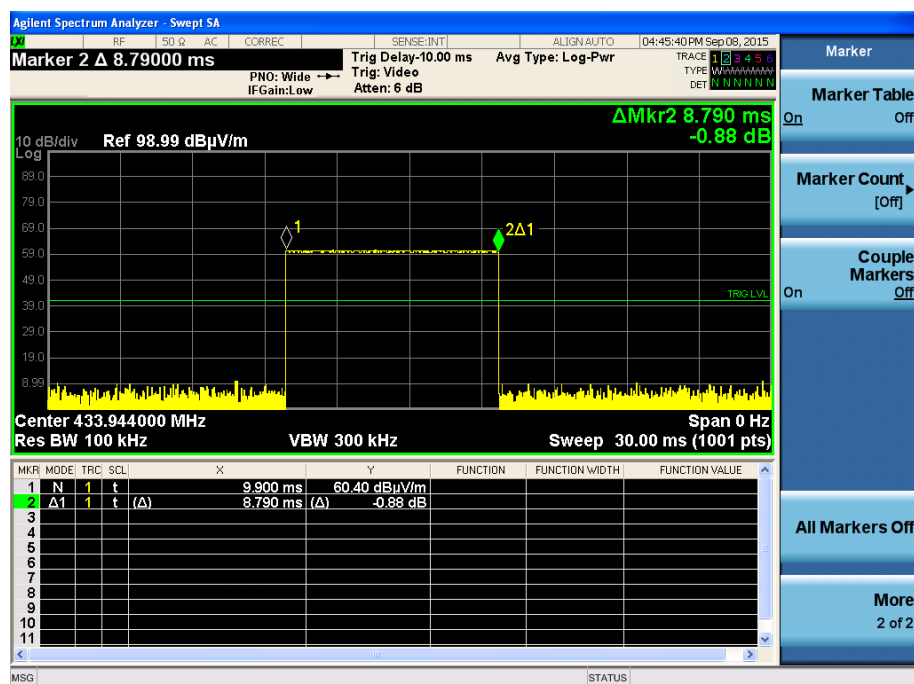
RBW: 1MHz
 VBW: 3MHz
 Uncertainty: 0.2μs

Test Data:

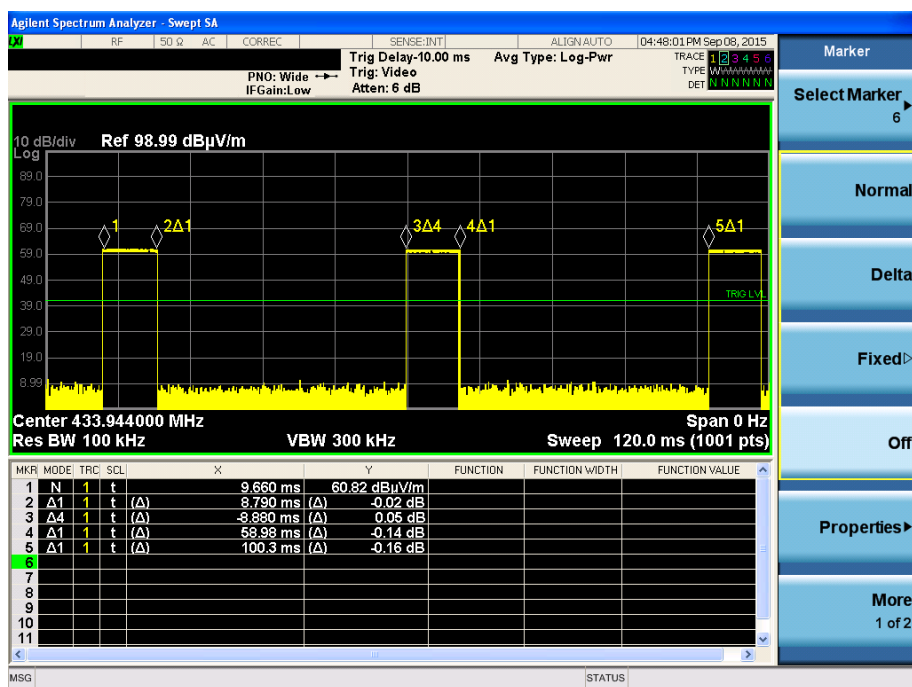
Duty-cycle: 0.1758
 TX on: $2 \times 8.79\text{ms} = 17.58\text{ms}$
 TX off: 82.72ms
 Average correction factor ($20 \times \log(\text{duty cycle})$): $20 \times \log((2 \times 8.79) / 100) = -15.09\text{dB}$

Comments:

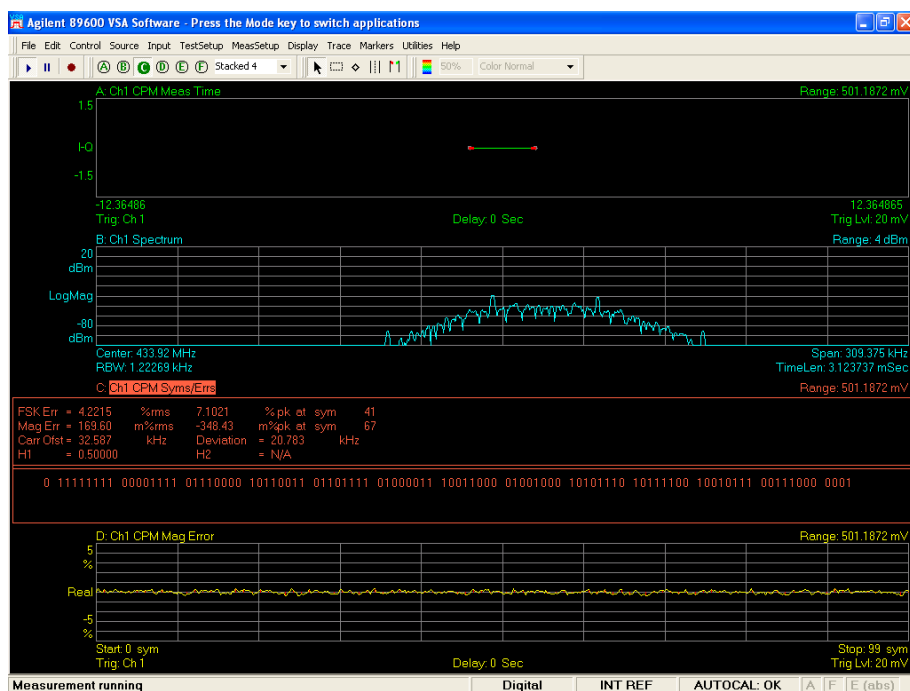
Every 100ms it is present 2 impulse with length of 8.79ms, therefore correction for average is $20 \times \log((8.79 \times 2) / 100) = -15.09\text{dB}$. The peak measure shall correct reducing the value of 15.09dB.



FCC test report



FSK modulation



5.8 Compliance with the limit of FCC

Specify:

Base standard:	47CFR Part 15 Section 15.231 (b)
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Test Setup:

RBW / VBW:	200Hz ($f < 150\text{kHz}$) 9kHz ($150\text{kHz} < f < 30\text{MHz}$) 120kHz ($30\text{MHz} < f < 1000\text{MHz}$) 1MHz ($f > 1000\text{MHz}$)
Uncertainty:	3.7dB

Limits:

Frequency [MHz]	Field Strength of the fundamental	Field Strength of spurious emissions
40,66 – 40,70	2 250 $\mu\text{V/m}$ / 67dB $\mu\text{V/m}$	225 $\mu\text{V/m}$ / 47dB $\mu\text{V/m}$
70 – 130	1 250 $\mu\text{V/m}$ / 62dB $\mu\text{V/m}$	125 $\mu\text{V/m}$ / 42dB $\mu\text{V/m}$
130 - 174	1 250 $\mu\text{V/m}$ to 3 750 $\mu\text{V/m}$ ⁽¹⁾ 62 $\mu\text{V/m}$ to 71,5 $\mu\text{V/m}$	125 $\mu\text{V/m}$ to 375 $\mu\text{V/m}$ ⁽¹⁾ 42dB $\mu\text{V/m}$ to 51,5dB $\mu\text{V/m}$
174 – 260	3 750 $\mu\text{V/m}$ / 71,5dB $\mu\text{V/m}$	375 $\mu\text{V/m}$ / 51,5dB $\mu\text{V/m}$
260 – 470	3 750 $\mu\text{V/m}$ to 12 500 $\mu\text{V/m}$ ⁽¹⁾ 71,5 dB $\mu\text{V/m}$ to 82 dB $\mu\text{V/m}$	375 $\mu\text{V/m}$ to 1 250 $\mu\text{V/m}$ ⁽¹⁾ 51,5dB $\mu\text{V/m}$ to 62dB $\mu\text{V/m}$
above 470	12 500 $\mu\text{V/m}$ / 82dB $\mu\text{V/m}$	1 250 $\mu\text{V/m}$ / 62dB $\mu\text{V/m}$

Note: ⁽¹⁾ linear interpolations
for 130 to 174MHz the interpolation is: $56,8182 \cdot f - 6136,36$ (f in MHz)
for 260 to 470MHz the interpolation is: $41,667 \cdot f - 7083,33$ (f in MHz)

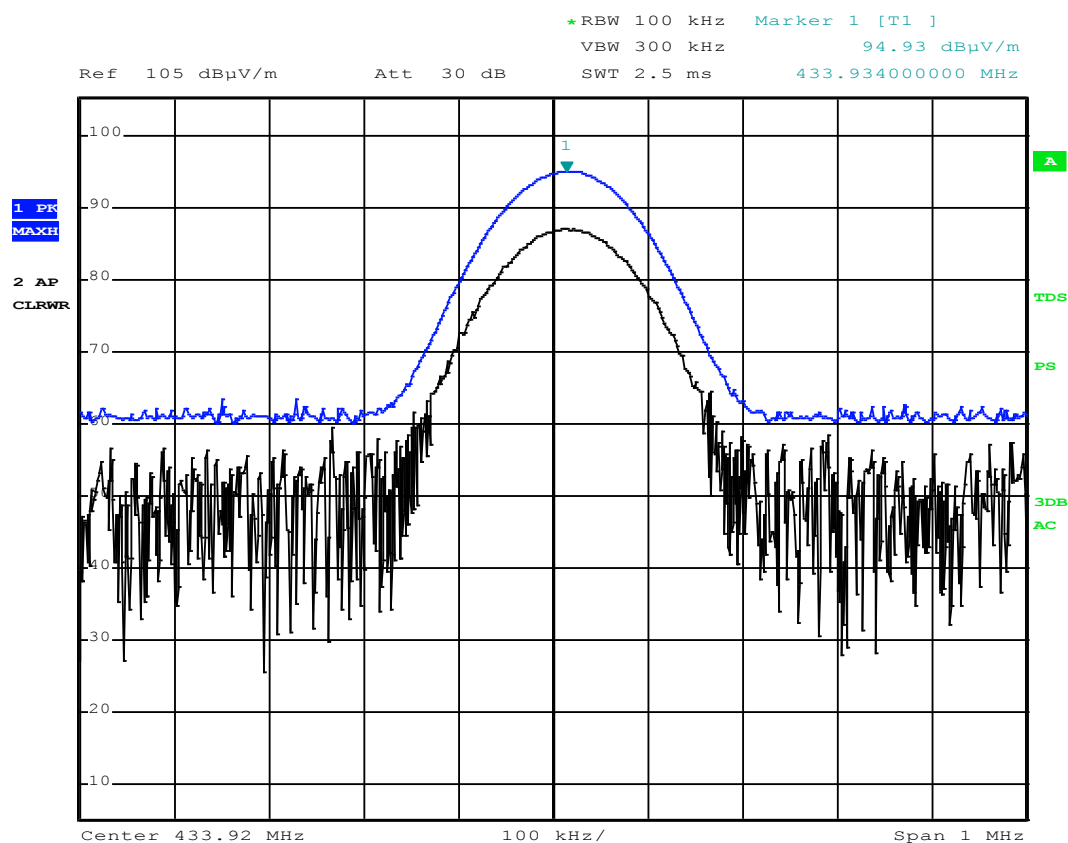
Test Result:

Frequency:	
Calculated average (3m of distance):	(94.93 – 15.09) dB $\mu\text{V/m}$ = 79.83 dB $\mu\text{V/m}$

Comments:

The results represent the worst case of emissions between three polarizations verified (X, Y and Z). The table was rotate of 360° and antenna receiving moved from 1m to 4m to find the maximum emission.

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5.9 Spurious emission - radiated

Specify:

Base standard: 47CFR Part 15 Section 15.231 (b)

Test Setup:

Uncertainty 3.9dB

Limits:

Frequency [MHz]	Field Strength of the fundamental	Field Strength of spurious emissions
40,66 – 40,70	2 250 μ V/m / 67dB μ V/m	225 μ V/m / 47dB μ V/m
70 – 130	1 250 μ V/m / 62dB μ V/m	125 μ V/m / 42dB μ V/m
130 – 174	1 250 μ V/m to 3 750 μ V/m ⁽¹⁾ 62 μ V/m to 71,5 μ V/m	125 μ V/m to 375 μ V/m ⁽¹⁾ 42dB μ V/m to 51,5dB μ V/m
174 – 260	3 750 μ V/m / 71,5dB μ V/m	375 μ V/m / 51,5dB μ V/m
260 – 470	3 750 μ V/m to 12 500 μ V/m ⁽¹⁾ 71,5 dB μ V/m to 82 dB μ V/m	375 μ V/m to 1 250 μ V/m ⁽¹⁾ 51,5dB μ V/m to 62dB μ V/m
above 470	12 500 μ V/m / 82dB μ V/m	1 250 μ V/m / 62dB μ V/m

Note: ⁽¹⁾ linear interpolations
 for 130 to 174MHz the interpolation is: 56,8182*f – 6136,36 (f in MHz)
 for 260 to 470MHz the interpolation is: 41,667*f – 7083,33 (f in MHz)

Test Result:

Frequency [MHz]	Peak Amplitude of emission (dB μ V/m)	Average Amplitude of emission (dB μ V/m)	Limit maximum allowed emission power	Actual attenuation below frequency of operation (dB)	Results
433.9340	94.93	79.83	80.83dB μ V/m	4.95	operating frequency
867.8770	36.57	21.48	-20dBc	39.35	complies
1301.765	50.76	35.67	54.0dB μ V/m	13.33	complies
1735.375	35.49	20.40	-20dBc	40.43	complies
2169.690	44.06	29.97	-20dBc	31.86	complies
2603.205	36.05	20.96	-20dBc	39.87	complies
3037.635	43.63	28.54	-20dBc	32.29	complies
3471.430	40.24	25.15	-20dBc	35.68	complies
3905.425	53.30	38.21	54.0dB μ V/m	15.79	complies
4339.540	40.45	25.36	54.0dB μ V/m	28.64	complies

Comments:

The results represent the worst case of emissions between three polarizations verified (X, Y and Z). The table was rotate of 360° and antenna receiving moved from 1m to 4m to find the maximum emission.

5.10 Occupied bandwidth

Specify:

Base standard:	47CFR Part 15.231 (c)
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The bandwidth of the emission shall be no wider than 0,25% of the center frequency for devices operating above 70MHz and below 900MHz. For devices operating above 900MHz, the emission shall be no wider than 0,5% of the center frequency. Bandwidth is determined at the points 20dB down from the modulated carrier.

Test Setup:

RBW:	10kHz
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VBW:	30kHz
------	-------

Uncertainty.	20Hz
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Limits:

< 0,25% of the centre frequency, here 1,08MHz

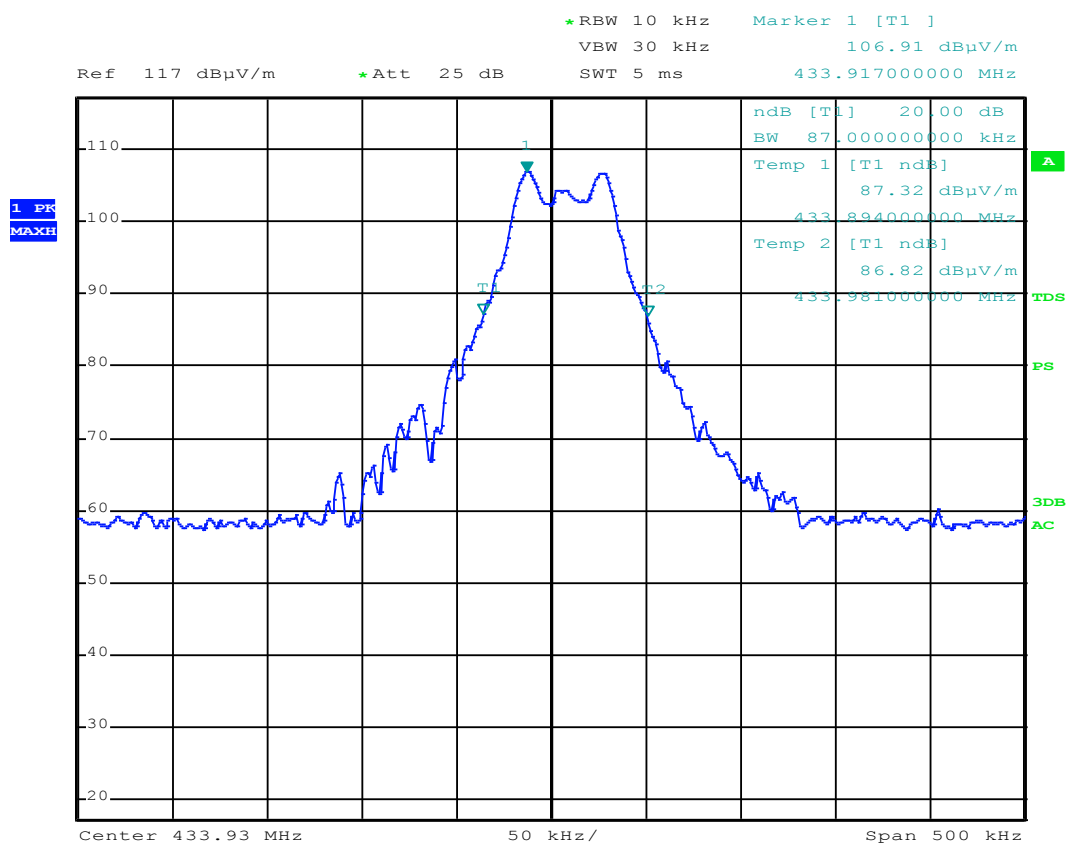
Test Data:

Occupied bandwidth at -20dB:	87kHz < 1.08MHz
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Comments:

-

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Date: 5.AUG.2015 14:42:56

6

Measurement and Test Equipment instrumentation

Code	nr.	Manufacturer	Model	Serial number	Date of Calibration	Calibration Due
ANA	7	Agilent	N9020A	MY48011101	19/03/2014	18/03/2016
ANA	12	Rohde & Schwarz	FSL3	102039		
ANA	13	Rohde & Schwarz	FLS3	101359	11/04/2013	11/04/2016
ANT	1	EMCO	3121C DB-4	9312-901		
ANT	3	Schwarzbeck	VULB9160	3180	24/07/2015	23/07/2017
ANT	4	AH System	SAS-571	684	23/07/2015	22/07/2017
ANT	5	AH System	SAS-562B	236	24/07/2015	23/07/2019
ANT	6	AH System	SAS-571	1025	23/07/2015	22/07/2017
ANT	7	Aaronia	BicoLOG 30100	1293	23/07/2015	22/07/2017
ANT	9	Schwarzbeck	VHBA 9123	525	23/07/2015	22/07/2017
ATT	1	-	PE7021-6			
ATT	2	Tyco Electronics Co.	50WCW	-		
ATT	5	RADIALL	R414.710.000	-		
ATT	6	RADIALL	R414.710.000	-		

Code	nr.	Manufacturer	Model	Serial number	Date of Calibration	Calibration Due
ATT	7	RADIALL	R414.720.000	-		
CAV	1	Rohde & Schwarz	HFU2-Z5	-	18/09/2013	18/09/2015
CAV	2	Rohde & Schwarz	HFU2-Z4	-	18/09/2013	18/09/2015
CAV	3	TESEO	CAVO A	-	18/09/2013	18/09/2015
CAV	5	TESEO	CAVO C	-	18/09/2013	18/09/2015
CAV	6	TESEO	CAVO D	-	18/09/2013	18/09/2015
CAV	7	TESEO	CAVO E	-	18/09/2013	18/09/2015
CAV	13	TESEO	CAVO G	-	18/09/2013	18/09/2015
CAV	14	TESEO	CAVO H	-	18/09/2013	18/09/2015
CAV	15	TESEO	CAVO I	-	18/09/2013	18/09/2015
CAV	16	Rohde & Schwarz	9111505/200 (CAVO J)	5995-12-161- 6890	18/09/2013	18/09/2015
CAV	17	Nice	CAVO K	-	18/09/2013	18/09/2015

Code	nr.	Manufacturer	Model	Serial number	Date of Calibration	Calibration Due
CAV	18	Nice	CAVO L	-	18/09/2013	18/09/2015
CAV	19	Nice	Cavo M	-	18/09/2013	18/09/2015
CAV	20	Nice	Cavo N	-	18/09/2013	18/09/2015
CAV	21	Nice	Cavo P	-	18/09/2013	18/09/2015
CAV	22	Nice	Cavo R	-	18/09/2013	18/09/2015
CDN	1	FCC	FCC 801-M2-16A-SPJ	5024	24/07/2015	23/07/2017
CDN	2	FCC	FCC 801-M3-16A-S	5032	24/07/2015	23/07/2017
CDN	3	FCC	FCC801-150-50 CDN	05031 & 05032		
CDN	4	FCC	FCC 801-M1-16A	7035	24/07/2015	23/07/2017
CDN	5	FCC	FCC 801-150-50- CDN	07113 & 07114		
CDN	6	FCC	FCC 801-M4-16A	100726	17/06/2014	16/06/2016
CDN	7	FCC	FCC-801-M5-16A	100727	17/06/2014	16/06/2016
CSA	1	TESEO	EN 55022 EN 610004-3	NSA	11/08/2015	10/08/2016
CSA	1	TESEO	EN 55022 EN 610004-3	CISPR 16-1-4	14/04/2009	14/04/2019
CSA	1	TESEO	EN 55022 EN 610004-3	EN 61000-4-3	14/10/2014	14/10/2015
ECL	1	FCC	F-203I-23	466	23/07/2015	22/07/2017
ECL	2	FCC	F-203I-CF-23MM	445		

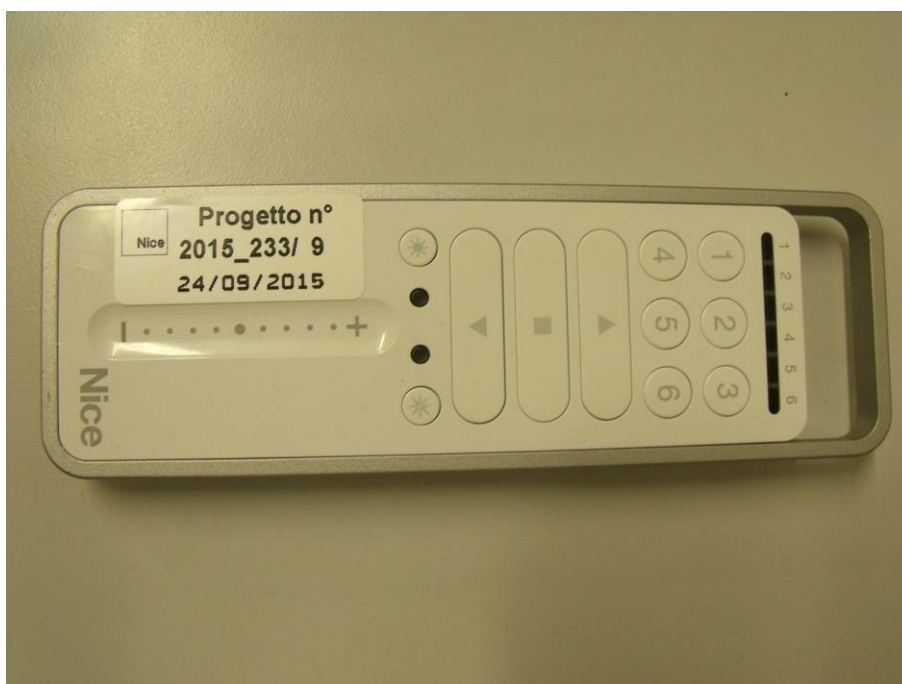
FCC test report

Code	nr.	Manufacturer	Model	Serial number	Date of Calibration	Calibration Due
GEN	7	Rohde & Schwarz	SML 03	102178	22/07/2014	21/07/2016
GEN	8	Agilent	N5182A	MY48180288	23/09/2013	22/09/2016
LIS	2	Rohde & Schwarz	ESH2-Z5	100183	23/07/2015	22/07/2017
PAS	1	FCC	F-202	197	11/06/2012	11/06/2016
POW	1	Rohde & Schwarz	NRVD	101221	12/02/2014	12/02/2016
POW	2	Rohde & Schwarz	NRV-Z5	100314	14/02/2014	14/02/2016
POW	3	Rohde & Schwarz	NRV-Z5	100315	14/02/2014	14/02/2016
PRE	2	Schwarzbeck	BBV 9718	9718-178	30/07/2014	29/07/2016
RIC	1	Rohde & Schwarz	ESCI	100140	18/03/2015	17/03/2016
SCO	7	FCC	F-51	454	17/06/2014	16/06/2017
SCO	8	Teseo	EQ-51-1	D047	17/06/2014	16/06/2017
SCO	9	FCC	F-33-4	63	17/06/2014	16/06/2017
SOF	1	Rohde & Schwarz	EMC32	V8.54.0		

7

Photographic Documentation

8.1 EUT Identification





Nice

MODEL: P6SI/U

3V $\equiv$, BATTERY: 2 x AAA

FCC ID: PMLERAPIU

IC: 6140A-ERAPIU

Nice

MODEL: P6I/U

3V $\equiv$, BATTERY: 2 x AAA

FCC ID: PMLERAPIU

IC: 6140A-ERAPIU

Nice

MODEL: P1VI/U

3V $\equiv$, BATTERY: 2 x AAA

FCC ID: PMLERAPIU

IC: 6140A-ERAPIU

Nice

MODEL: P1SI/U

3V $\equiv$, BATTERY: 2 x AAA

FCC ID: PMLERAPIU

IC: 6140A-ERAPIU

Nice

MODEL: P1I/U

3V $\equiv$, BATTERY: 2 x AAA

FCC ID: PMLERAPIU

IC: 6140A-ERAPIU

Nice

MODEL: P6SVI/U

3V $\equiv$, BATTERY: 2 x AAA

FCC ID: PMLERAPIU

IC: 6140A-ERAPIU

8.2 Test Set-up

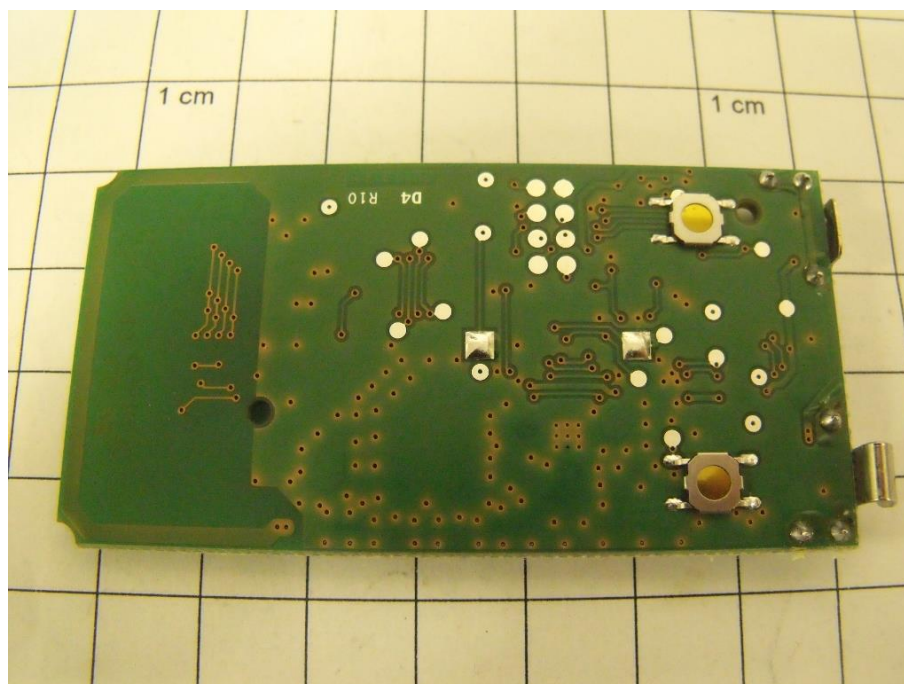
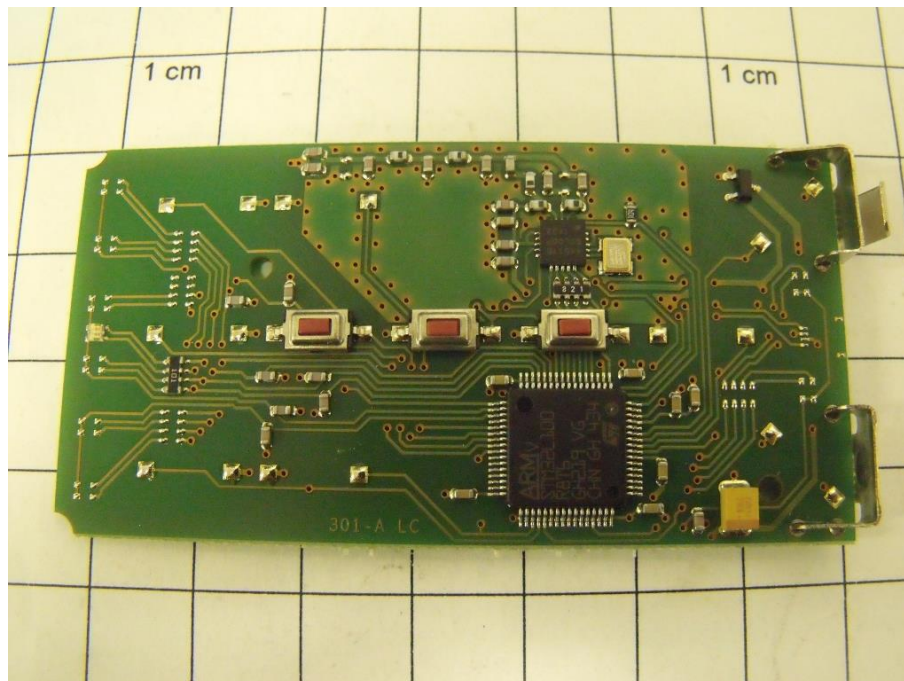




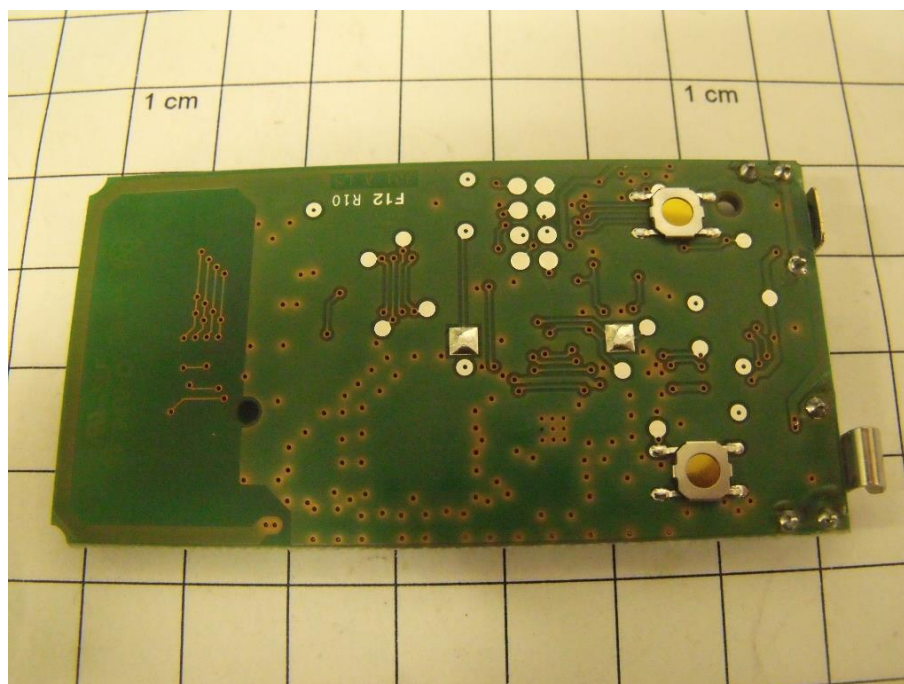
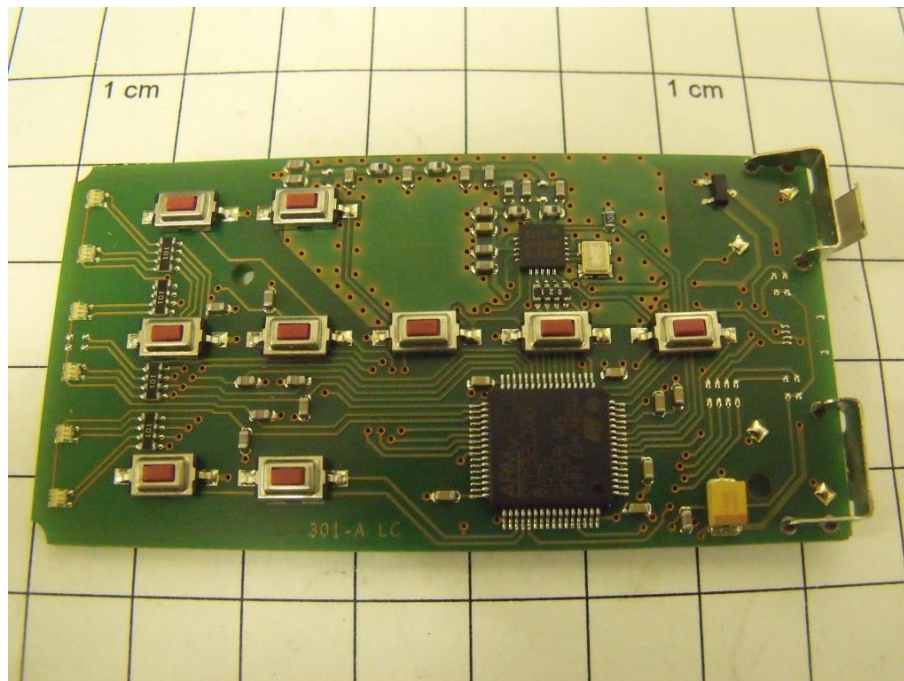




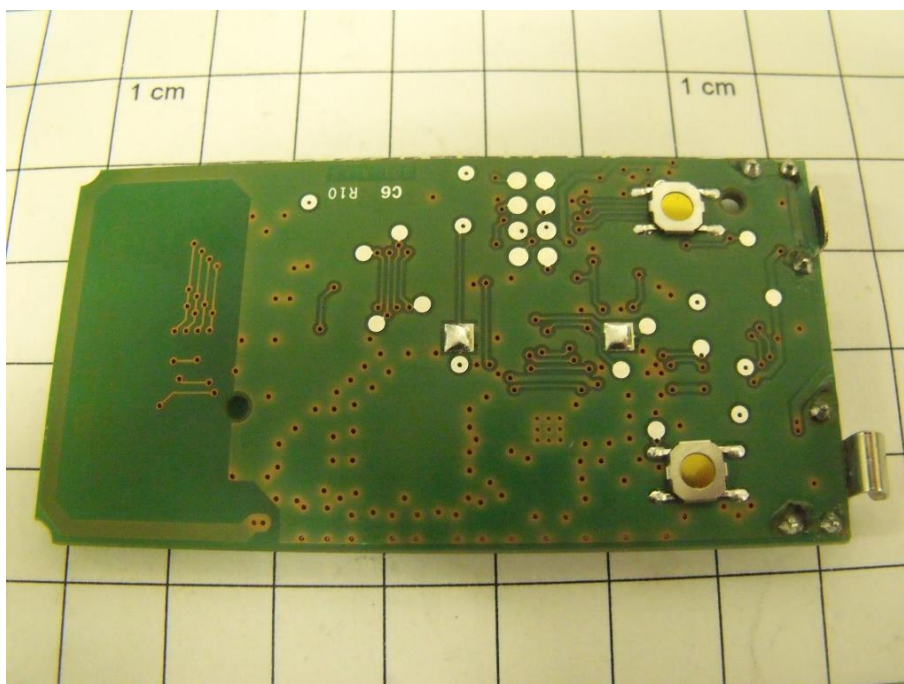
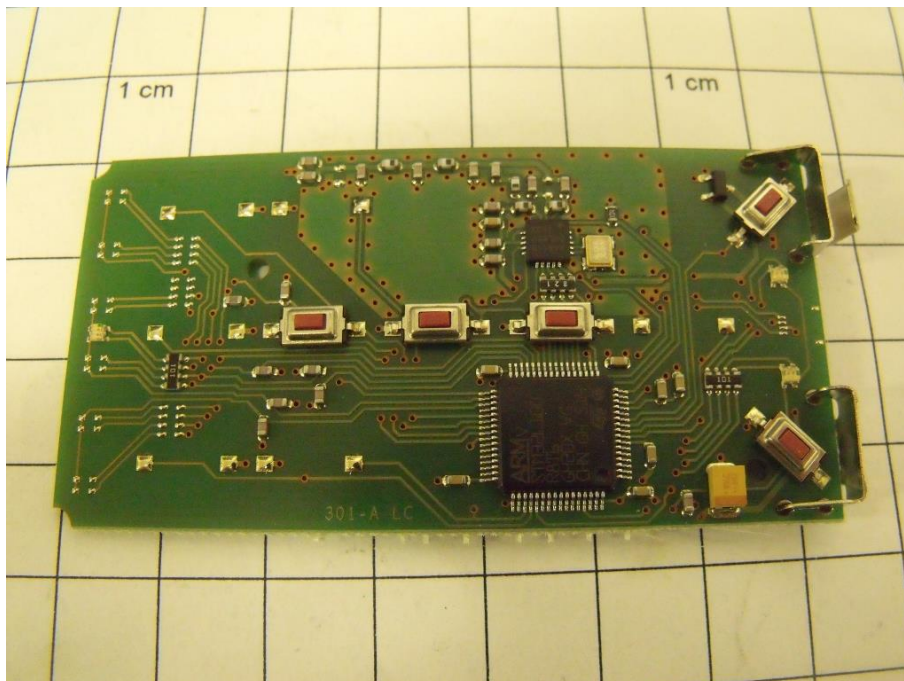
P1/U



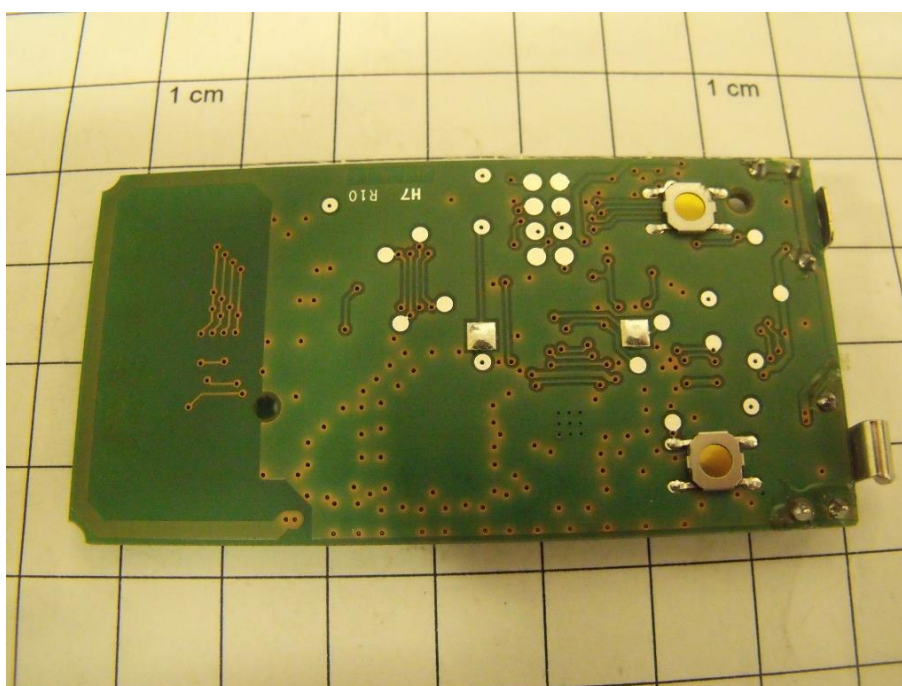
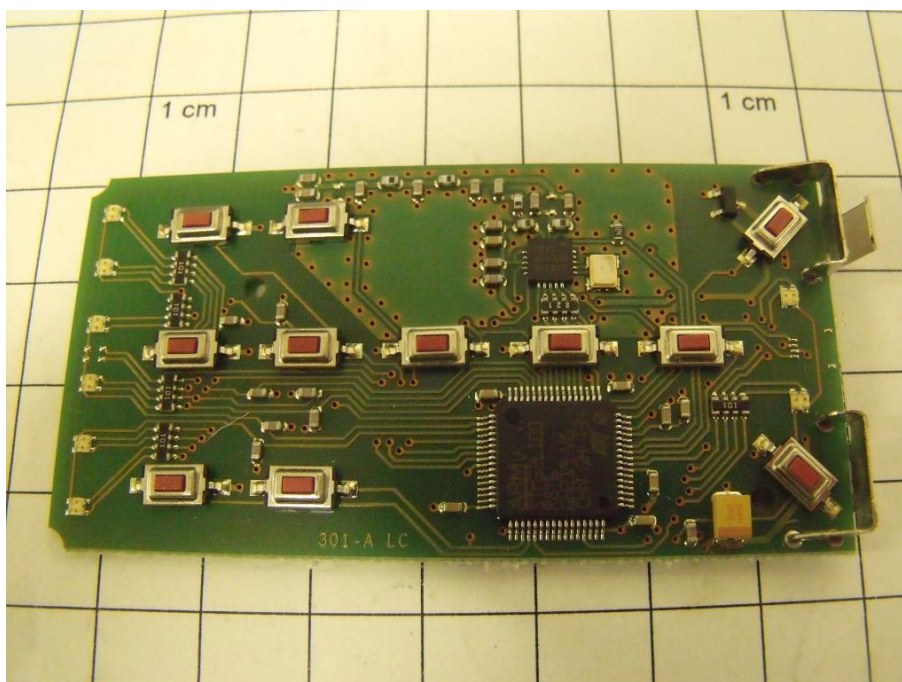
P6I/U



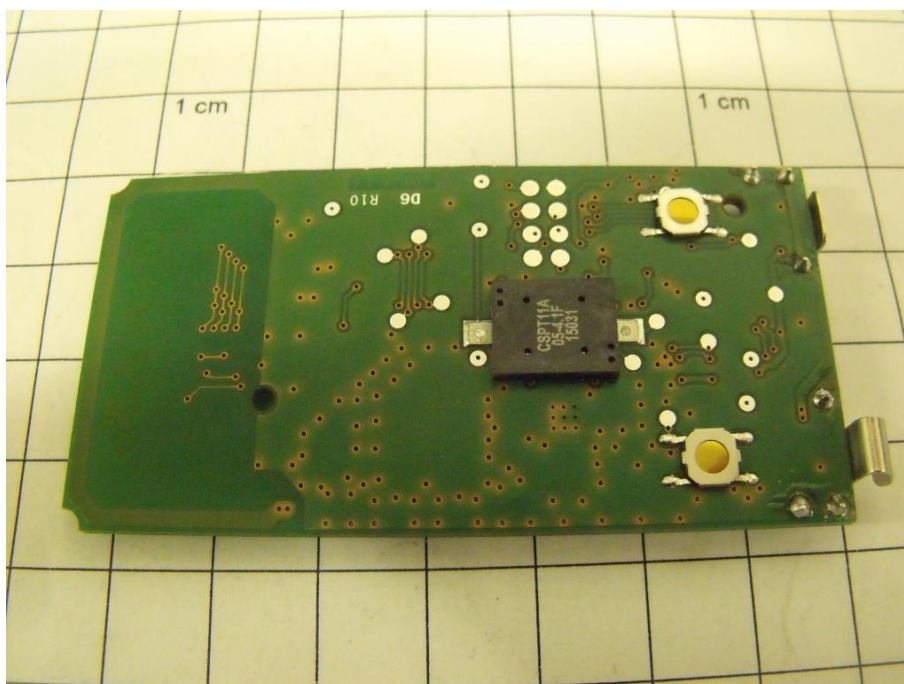
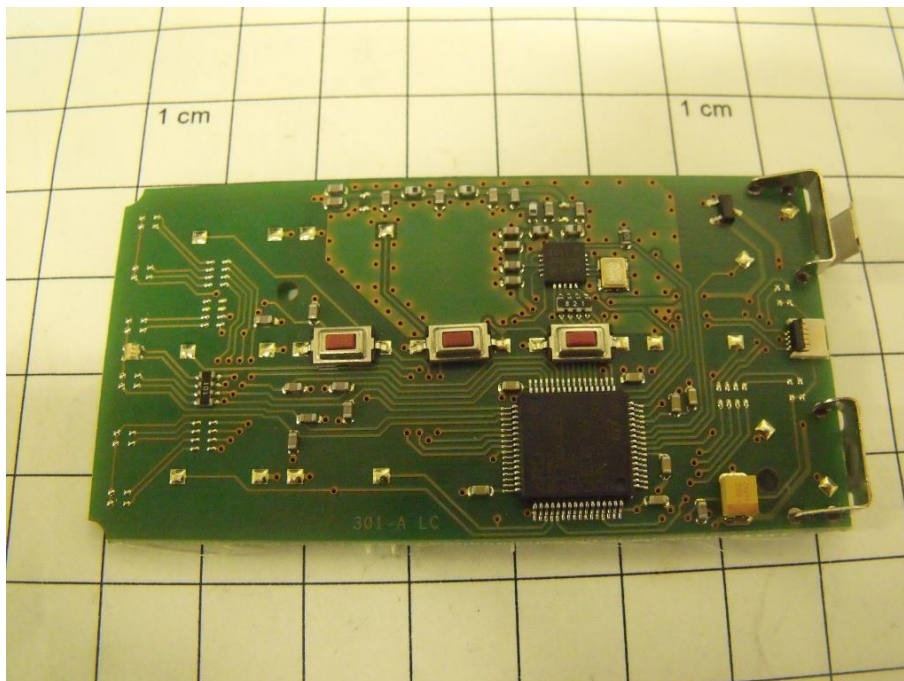
P1SI/U



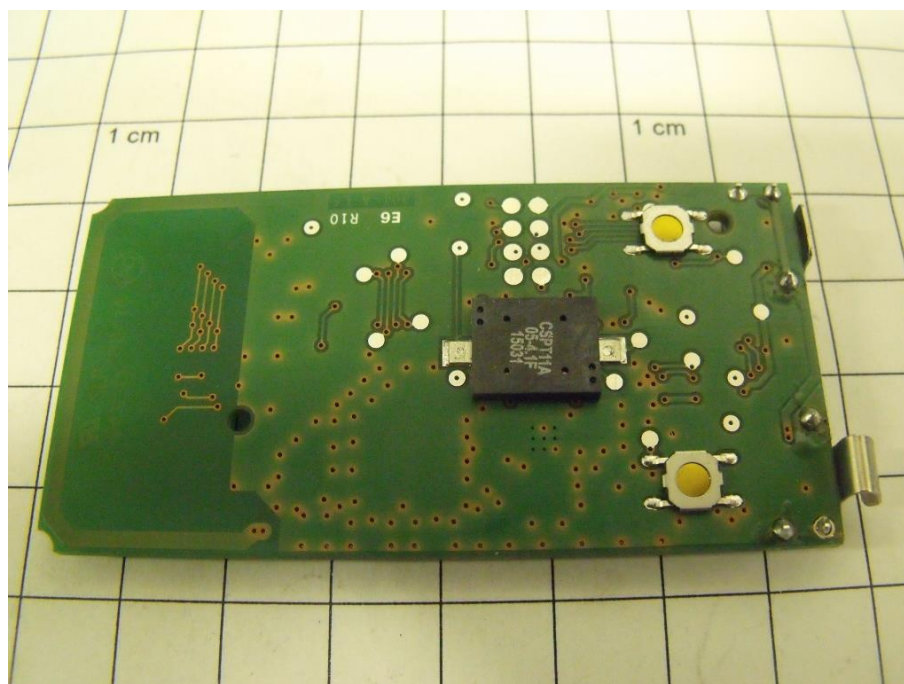
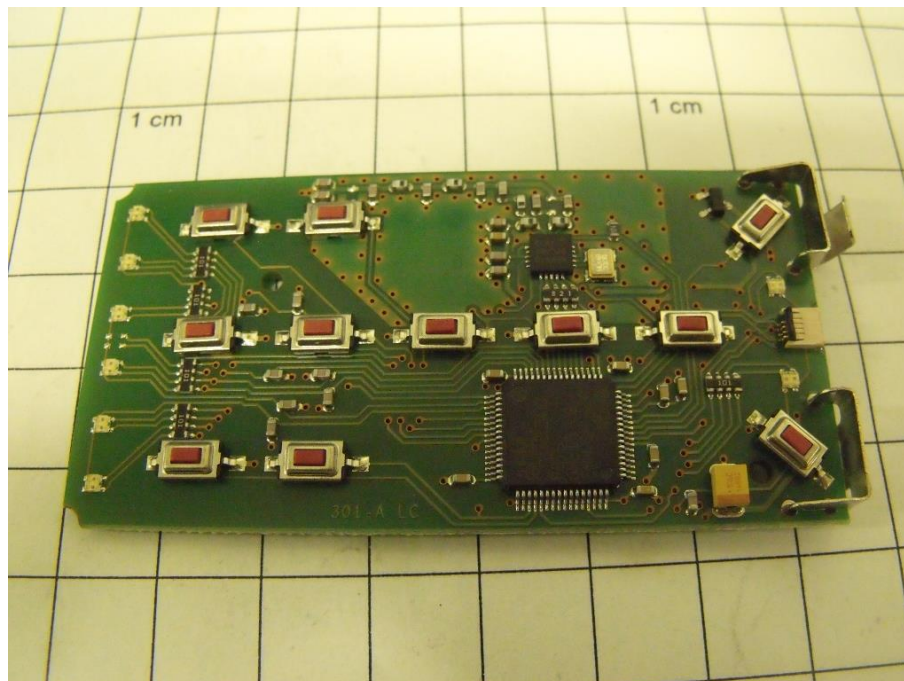
P6SI/U



P1VI/U



P6VI/U



Annex 1

FEDERAL COMMUNICATIONS COMMISSION

Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

May 17, 2013

Registration Number: 771316

NICE S.p.A.
Via Pezza Alta, 13,
,
Oderzo, 31046
Italy

Attention: Enrico Campion, Mr.

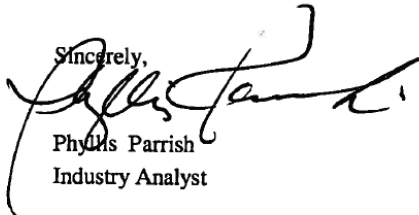
Re: Measurement facility located at Via Pezza Alta, 13 - I-31046 Oderzo
Anechoic chamber (3 meter)
Date of Renewal: May 17, 2013

Dear Sir or Madam:

Your request for renewal of the registration of the subject measurement facility has been received. The information submitted has been placed in your file and the registration has been renewed. The name of your organization will remain on the list of facilities whose measurement data will be accepted in conjunction with applications for Certification under Parts 15 or 18 of the Commission's Rules. Please note that the file must be updated for any changes made to the facility and the registration must be renewed at least every three years.

Measurement facilities that have indicated that they are available to the public to perform measurement services on a fee basis may be found on the FCC website www.fcc.gov under E-Filing, OET Equipment Authorization Electronic Filing, Test Firms.

Sincerely,



Phyllis Parrish
Industry Analyst