

RAPPORTO DI PROVA

TEST REPORT

Rif. / Ref. n.	TSUpPhotos_FCC179296_0_NovoNordisk	Data Emissione / Issue Date:	25/06/2021	Pagine / Pages:	9
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Scopo delle prove <i>Test object</i>	Prove di tipo in accordo alla Norma <i>Type test according to standard</i> 47 CFR FCC part 15.247; RSS-GEN Issue 5; RSS 247 Issue 2				
Richiedente <i>Applicant</i>	Novo Nordisk A/S Novo Allé 1 Bagsværd 2880 - Denmark				
Marchio commerciale <i>Trade mark</i>					
Fabbricante <i>Manufacturer</i>	Novo Nordisk A/S				
Prodotto <i>Product</i>	Add-on for Insulin Pen-Injector				
Modello testato <i>Testing model</i>	DV samples (project Revival)				
FCC ID IC ID	2AYMR-DD01 26991-DD01				
Data ricevimento campioni <i>Date of test samples receipt</i>	15/02/2021				
Campioni verificati <i>No. of tested samples</i>	2 – Sampled by the manufacturer				
Data verifiche <i>Testing date</i>	From 17/02/2021 to 29/03/2021				
Sito di prova <i>Testing site</i>	PRSLAB S.r.l. Unipersonale - Via Campagna 92 - 22020 Faloppio - Como - Italy				
Conformity Assessment Body Identifier (CABID)	5347A				
Esito dei test <i>Test results</i>	CONFORME / COMPLIANT				
Verifiche effettuate da <i>Verifications carried out by</i>	Daniele AOSANI Tecnico laboratorio <i>Test Engineer</i>				
Approvato <i>Approved by</i>	Riccardo PFEIFFER Responsabile laboratori <i>Laboratory manager</i>				

I risultati delle prove riportati nel presente rapporto di prova si riferiscono solo ai campioni esaminati.

The test results reported in this test report shall refer only to the samples tested.

Il campione è stato fornito dal cliente ed i risultati si riferiscono al campione così come ricevuto

The sample has been provided by the customer and the results apply to the sample as received

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0. RELEASE CONTROL RECORD

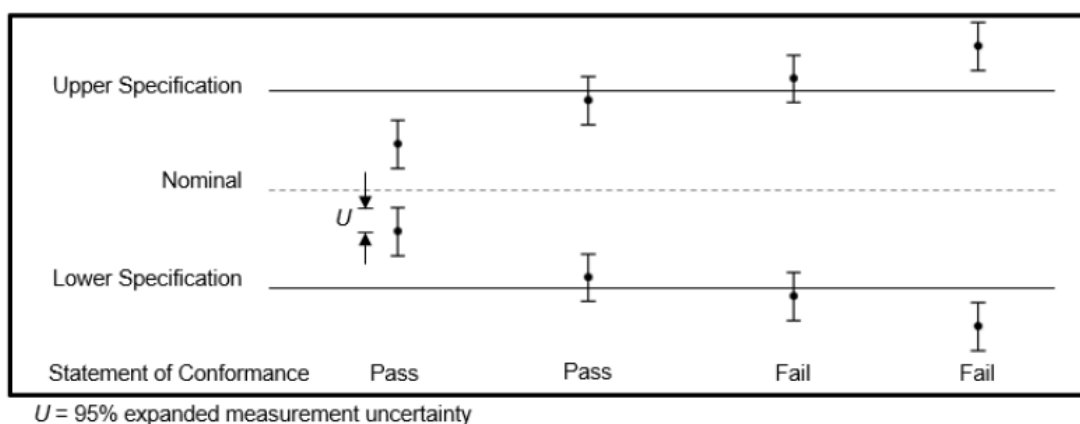
TEST REPORT NUMBER	REASON OF CHANGE	DATE OF ISSUE
TSupPhotos_FCC179296_0_NovoNordisk	Original release	25/06/2021

This document is valid in last revision that deletes and replaces the previous one

1. DECISION RULE

PRS LAB specifies that, if the decision rules of conformity of the test results are not indicated in detail in the standard/s object of tests, it takes as a decision rule for the declaration of conformity the simple binary system ($w = 0$) stated in the ILAC-G8-09:2019 document.

The decision rule is applicable for all parts of standard



Statements of conformity are reported as:

- Pass: the measured value is below the acceptance limit, $AL=TL$.
- Fail: the measured value is above the acceptance limit, $AL=TL$.

Definitions

- Guard Band (w): interval between a tolerance limit and a corresponding acceptance limit where length $w=|TL-AL|$.
- Tolerance Limit (TL) (Specification Limit): specified upper or lower bound of permissible values of a property.
- Acceptance Limit (AL): specified upper or lower bound of permissible measured quantity values.

2. INFORMATION PROVIDED BY CUSTOMER

- Customer own protocol:
NND020428-801 Revival Design Verification ESD EMC RF and Airborne Equipment Tests Protocol, Rev. A

3. GENERAL REMARKS

- None

4. TECHNICAL INFORMATION OF EQUIPMENT UNDER TEST (EUT)

4.1 EUT Identification

DESCRIPTION	Add-on for Insulin Pen-Injector
MODEL NAME	DV samples (project Revival)
FCC ID	2AYMR-DD01
IC ID	26991-DD01
SERIAL NO.	0769 1631 – Used only for Frequency Stability test
PRS LAB INTERNAL REFERENCE	BC 44/2021 1/20 BC 44/2021 11/20
TRADEMARK	
MANUFACTURER	Novo Nordisk A/S
COUNTRY OF MANUFACTURER	Denmark
SINGLE UNIT OR SYSTEM	Single
POWER SOURCE	Internal lithium battery, Coincell CR1632
SUPPLY VOLTAGE	3V 
MAX POWER or MAX ABSORBED CURRENT	11mA
HVIN	DDED01
SW VERSION (MAIN and BLE)	FW: CSS_FCC_TEST_00.09.14
OPERATING TEMPERATURE	+5°C ~ +40°C
DIMENSIONS	See photography documentation
EUT STANDING	On insulin pen

4.2 Bluetooth module technical data

CHIP MANUFACTURER	
CHIP TYPE	QN9083
FREQUENCY BAND	2400 – 2483.5MHz
NUMBER OF CHANNELS	40
CHANNEL BANDWIDTH	2MHz
CHANNEL SEPARATION	2MHz
TRANSFER RATE	1Mbps
SENSITIVITY	-94dBm
TYPE OF MODULATION	GFSK
ANTENNA	Chip antenna
ANTENNA GAIN	1dBi
ANTENNA TYPE	2450AT07A0100
ANTENNA MANUFACTURER	

4.2.1 Channel List Bluetooth Low Energy

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY	CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

5. PHOTOGRAPHIC DOCUMENTATION

PHOTO N° 1 – EUT IDENTIFICATION

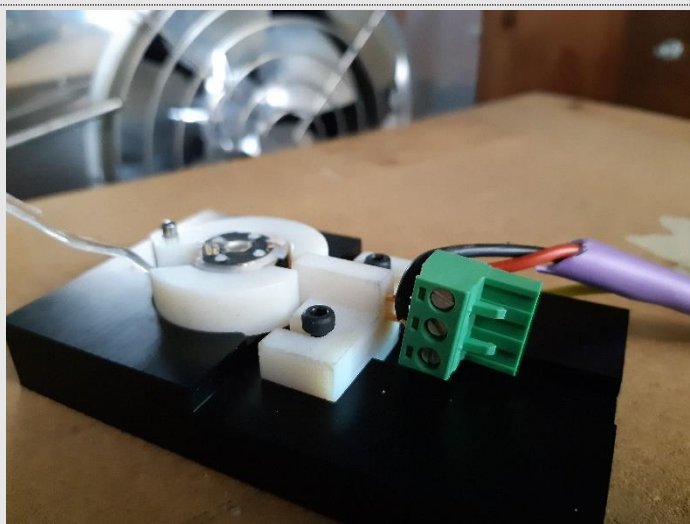
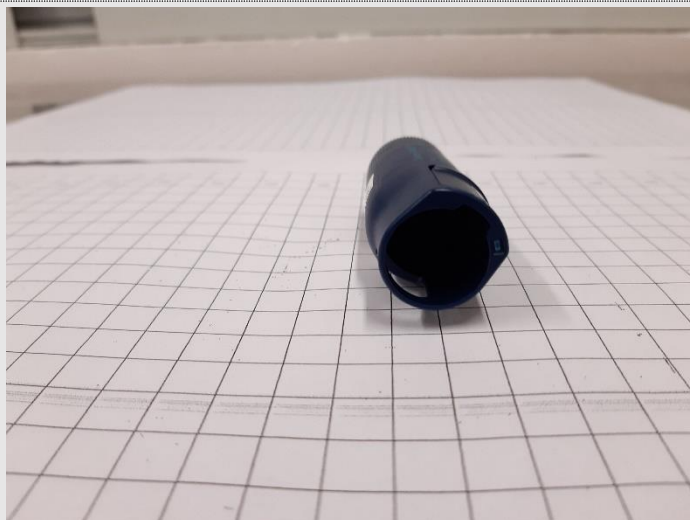
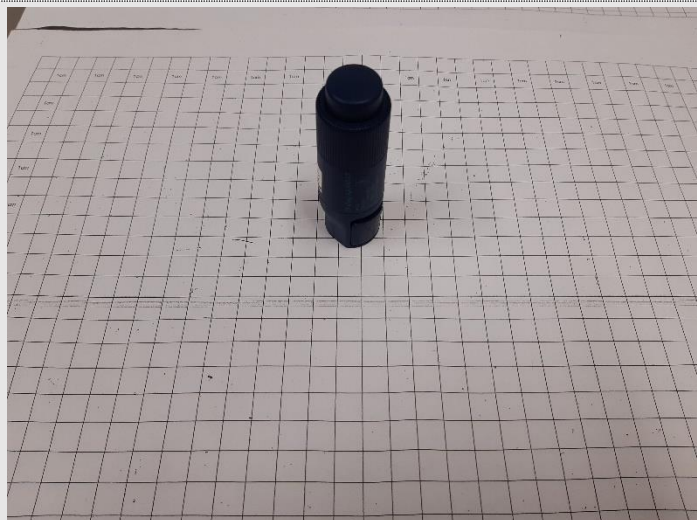
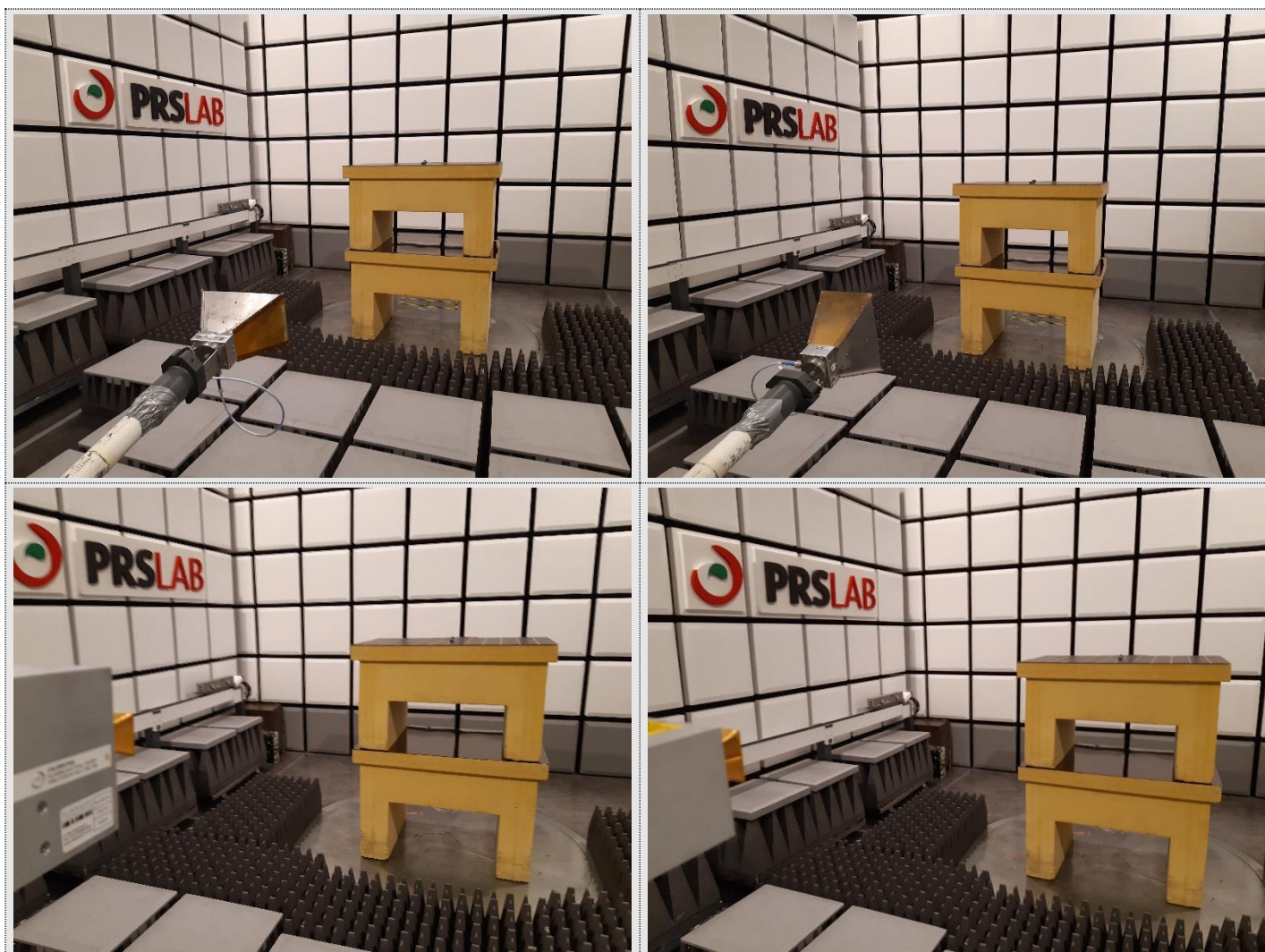


PHOTO N° 2 – SETUP FOR RADIATED MEASUREMENT





END OF TEST REPORT