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ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

HP Inc. Applicant:

1501 Page Mill Road, Palo Alto CA 94304 USA

Product Name: Notebook Computer

Brand Name: HP

Model No.: HSN-I41C

Model Difference: N/A

Report Number: ER/2020/80148 FCC ID B94HNI41CTKR

FCC Rule Part: 2. 22H & 24E & 27 C

Issue Date: Oct. 28, 2020

Aug. 31, 2020 ~ Sep. 30, 2020 Date of Test:

Date of EUT Received: Aug. 31, 2020

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.26-2015 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits.

The test results of this partial report relate only to the tested sample identified in this report.

Approved By:

Jim Chang / Manager





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Revision History								
Report Number	Revision	Description	Issue Date	Remark				
ER/2020/80148	Rev.00	Original.	Oct. 28, 2020	Revised By: Karen Huang				

Note:

1、 Disclaimer

> Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

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GENERAL PRODUCT INFORMATION

Product Description

General:

i <u>ciai.</u>			
Product Name:	Notebook	Computer	
Brand Name:	HP		
Model No.:	HSN-I41C		
Model Difference:	N/A		
Hardware Version:	N/A		
Software Version:	N/A		
WWAN Module:	Model No.	: T99W175, Supplier: HON LIN Technology Co., Ltd.	
		from Rechargeable Li-ion Battery / 12V / 15V / 20V from AC/DC Adapter	
Power Supply:	Battery:	Model No.: HSTNN-LB8Q, Supplier: HP	
	Adapter: Model No.: TPN-CA21, Supplier: Chicony		
IMEI:		6081110010618 081110008406	

1.2 **Operation Frequency Range**

	5G NR n2			5G NR n5			
BW (MHz)	Operation Fr	requ	iency (MHz)	BW (MHz)	Operation F	requ	uency (MHz)
5	1852.5 - 1907.5		5	826.5	-	846.5	
10	1855.0	-	1905.0	10	829.0	-	844.0
15	1857.5	-	1902.5	15	831.5	-	841.5
20	1860.0	-	1900.0	20	834.0 - 839.		839.0
	5G NR n	7					
BW (MHz)	Operation Fr	requ	iency (MHz)		5G NR n1	2	
5	2502.5	-	2567.5	BW (MHz)	Operation F	requ	uency (MHz)
10	2505.0	-	2565.0	5	701.5	-	713.5
15	2507.5	-	2562.5	10 704.0 - 711			711.0
20	2510.0 - 2560.0		15	706.5	-	708.5	

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	5G NR n4	1					
BW (MHz)	Operation F	requ	uency (MHz)				
20	2506	-	2680				
40	2516	-	2670		5G NR na	6	
50	2521	-	2665	BW (MHz)	Operation F	requ	uency (MHz)
60	2526	-	2660	5	1712.5	-	1777.5
80	2536	-	2650	10	1715	-	1775
90	2541	-	2645	15 1717.5 - 1772.5			1772.5
100	2546	-	2640	20 1720 - 1770			

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1.3 **Antenna Designation**

Vendor	Туре	TX1 / TX2	Antenna Part No.	Modulation	Frequency (MHz)	Peak Antenna Gain (dBi)
	AWAN PIFA TX1			LTE Band 2 or 5G NR n2	1850 ~ 1910	1.68
AWAN		TX1 6036B0255901 (AUP6Y-100025)	LTE Band 5 or 5G NR n5	824 ~ 849	-3.75	
AWAN	PIFA	1/1	0030B0233901 (AUP01-100023)	LTE Band 12 or 5G NR n12	699 ~ 716	-1.02
				LTE Band 66 or 5G NR n66	1710 ~ 1780	-1.27

Vendor	Туре	TX1 / TX2	Antenna Modulation Part No.		Frequency (MHz)	Peak Antenna Gain (dBi)
				LTE Band 2 or 5G NR n2	1850 ~ 1910	-0.81
HONG-BO	PIFA	TX1	6036B0257701 (260-27365)	LTE Band 5 or 5G NR n5	824 ~ 849	-0.78
HONG-BO	PIFA	171	003060237701 (200-27303)	LTE Band 12 or 5G NR n12	699 ~ 716	-1.2
				LTE Band 66 or 5G NR n66	1710 ~ 1780	-2.26

Vendor	Туре	TX1 / TX2	Antenna Part No.	Modulation	Frequency (MHz)	Peak Antenna Gain (dBi)
				LTE Band 2 or 5G NR n2	1850 ~ 1910	0.22
WNC	PIFA	A TX1 6036B0253201 (81EABB15.G35)	LTE Band 5 or 5G NR n5	824 ~ 849	0.08	
VVIVC	PIFA	1/1	0030B0233201 (61EABB13.G33)	LTE Band 12 or 5G NR n12	699 ~ 716	-1.73
				LTE Band 66 or 5G NR n66	1710 ~ 1780	-1.11

	Vendor	Туре	TX1 / TX2	Antenna Part No.	Modulation	Frequency (MHz)	Peak Antenna Gain (dBi)
ſ					LTE Band 2 or 5G NR n2	1850 ~ 1910	-1.71
	AWAN	PIFA	TX2	6036B0281501 (AUP6Y-100070)	LTE Band 7 or 5G NR n7	2500 ~ 2570	-3.15
	AVVAIN	FILA	172	0030B0281301 (A0F01-100070)	5G NR n41	2496 ~ 2690	-3.39
					LTE Band 66 or 5G NR n66	1710 ~ 1780	-2.7

Vendor	Туре	TX1 / TX2	Antenna Part No.	Modulation	Frequency (MHz)	Peak Antenna Gain (dBi)
	IC DO DIEA TV2			LTE Band 2 or 5G NR n2	1850 ~ 1910	-1.82
HONG-BO		TX2 6036B0278701 (260-27437)	LTE Band 7 or 5G NR n7	2500 ~ 2570	-3.77	
HONG-BO	PIFA	172	6036B0278701 (260-27437)	5G NR n41	2496 ~ 2690	-3.77
				LTE Band 66 or 5G NR n66	1710 ~ 1780	-1.52

Vendor	Туре	TX1 / TX2	Antenna Part No.	Modulation	Frequency (MHz)	Peak Antenna Gain (dBi)
				LTE Band 2 or 5G NR n2	1850 ~ 1910	0.5
WNC	PIFA	TX2	6036B0277201 (81EABD15.G04)	LTE Band 7 or 5G NR n7	2500 ~ 2570	-1.95
VVIVC	FILA	IAZ	0030B0277201 (81EABD13.G04)	5G NR n41	2496 ~ 2690	-0.6
				LTE Band 66 or 5G NR n66	1710 ~ 1780	0.32

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1.4 Test Methodology of Applied Standards

FCC 47 CFR Part 2, 22H, 24E, 27C.

ANSI C63.26-2015

KDB971168 D01 Power Meas license Digital System v03r01

KDB412172 D01 Determining ERP and EIRP v01r01

1.5 Test Facility

SGS Taiwan Ltd. Central RF Lab (TAF code 3702)

No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803 FCC Designation number: TW0027

1.6 Special Accessories

No special accessories were used during testing.

1.7 Equipment Modifications

There was no modifications incorporated into the EUT.

1.8 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m*9m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

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2 SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The EUT (Transmitter) was operated in the continuous transmission mode employed with the simulator of the Base Station that fixates at test default channels to fix the Tx frequency which was for the purpose of the measurements.

2.3 Test Procedure

2.3.1 Radiated Emissions (ERP/EIRP)

The EUT is placed on a turn table, for emission measurements below 1 GHz is 0.8 m above ground plane, for emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both Horizontal and Vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

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2.4 **Configuration of Tested System**

Fig. 2-1 Configuration of Tested System (Fixed Channel-Radiated)

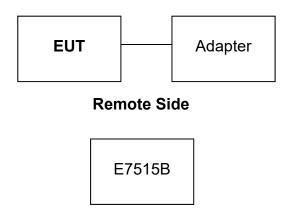


Table 2-1 Equipment Used in

Item	Equipment	Equipment Mfr/Brand Ty		Series No.	Data Cable	Power Cord
1.	UXM 5G	KEYSIGHT	E7515B	MY59321561	shielded	Un-shielded

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SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result
§2.1053 §22.917(a) §24.238(a) §27.53(g) §27.53(h) §27.53(m)(2)	Field Strength of Spurious Radiation	Compliant

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DESCRIPTION OF TEST MODES

The Worst Test Modes and Channel Details

- The EUT has been tested under operating condition.
- The field strength of radiation emission was measured as NB Plane for Transmitter for channel Low, Mid and High.

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4.2 **Measurement Configuration**

For 5G NR SA mode

FOI 3G NR SA Mode,									
Band SCS Test Channel	SCS		Channel Bandwidth (MHz)	Modulation	Resource Block	Allocation	Antenna		
	(1711 12)		RBs allocated	RB Start					
n41A	30K	509202	100	DFT-S-OFDM Pi/2 BPSK	1RB Left		AWAN		
n41A	30K	518598	100	DFT-S-OFDM Pi/2 BPSK	1RB Left		AWAN		
n41A	30K	528000	100	DFT-S-OFDM Pi/2 BPSK	1RB Left		AWAN		

For ENDC mode.

Tor ENDO mode,								
Band	Band SCS Test Channel		Channel Bandwidth Modulation (MHz)		Resource Block Allocation		Antenna	
		(1711 12)		RBs allocated	RB Start			
n2A	15K	372000	20	DFT-S-OFDM Pi/2 BPSK	1RB Let	t	WNC	
n2A	15K	376000	20	DFT-S-OFDM Pi/2 BPSK	1RB Left		WNC	
n2A	15K	380000	20	DFT-S-OFDM Pi/2 BPSK	1RB Left		WNC	
n5A	15K	166800	20	DFT-S-OFDM Pi/2 BPSK	1RB Left		WNC	
n5A	15K	167300	20	DFT-S-OFDM Pi/2 BPSK	1RB Left		WNC	
n5A	15K	167800	20	DFT-S-OFDM Pi/2 BPSK	1RB Left		WNC	
n7A	15K	502000	20	DFT-S-OFDM Pi/2 BPSK	1RB Left		AWAN	
n7A	15K	507000	20	DFT-S-OFDM Pi/2 BPSK	1RB Lef	t	AWAN	
n7A	15K	512000	20	DFT-S-OFDM Pi/2 BPSK	1RB Let	t	AWAN	

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MEASUREMENT UNCERTAINTY

Test Items	Uncertainty		
RF Power Output	+/- 1.10 dB		
ERP/ EIRP measurement	Vertical Polarization = +/- 4.74dB Horizontal Polarization =+/- 4.62dB		
Temperature	+/- 0.65 °C		
Humidity	+/- 4.6 %		
DC / AC Power Source	DC= +/- 0.13%, AC=+/- 0.2%		

Radiated Spurious Emission:

	9kHz – 30MHz: +/- 2.87 dB
NA	30MHz - 180MHz: +/- 3.37dB
Measurement uncertainty (Polarization : Vertical)	180MHz -417MHz: +/- 3.19dB
(1 olanzadori : Voltical)	0.417GHz-1GHz: +/- 3.19dB
	1GHz - 18GHz: +/- 4.04dB
	18GHz - 40GHz: +/- 4.04dB

	9kHz – 30MHz: +/- 2.87 dB			
Measurement uncertainty (Polarization : Horizontal)	30MHz - 167MHz: +/- 4.22dB			
	167MHz -500MHz: +/- 3.44dB			
	0.5GHz-1GHz: +/- 3.39dB			
	1GHz - 18GHz: +/- 4.08dB			
	18GHz - 40GHz: +/- 4.08dB			

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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台灣檢驗科技股份有限公司

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FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

Standard Applicable

According to FCC §2.1053,

FCC §22.917(a), §24.238(a), §27.53(h)

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

FCC §27.53(g) for LTE B12

Compliance for operations in the 600 MHz, 698-746 MHz, 746-758 MHz and the 776-788 MHz band with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC §27.53(h)(3) for LTE B66

Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

FCC §27.53(m) (4) (6) for LTE B7, 41

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement nstrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

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Table 2 — Unwanted Emissions for Mobile, Portable and Low-Power Fixed Subscriber Equip-

Frequency (MHz)	Attenuation (dB)
<2200	$43 + 10 \log_{10}(p)$
2200 - 2288	$70 + 10 \log_{10}(p)$
2288 - 2292	$67 + 10 \log_{10}(p)$
2292 - 2296	$61 + 10 \log_{10}(p)$
2296 - 2300	$55 + 10 \log_{10}(p)$
2300 - 2305	$43 + 10 \log_{10}(p)$
2305 - 2320	$43 + 10 \log_{10}(p)^{\text{Note}}$
2320 - 2324	$55 + 10 \log_{10}(p)$
2324 - 2328	$61 + 10 \log_{10}(p)$
2328 - 2337	$67 + 10 \log_{10}(p)$
2337 - 2341	$61 + 10 \log_{10}(p)$
2341 - 2345	$55 + 10 \log_{10}(p)$
2345 - 2360	$43 + 10 \log_{10}(p)^{\text{Note}}$
2360 - 2365	$43 + 10 \log_{10}(p)$
2365 - 2395	$70 + 10 \log_{10}(p)$
>2395	$43 + 10 \log_{10}(p)$

Note: Measured at the edges of the highest and lowest frequency range(s) in which the equipment is designed to operate. See Section 1.2 for the permitted frequency ranges for various equipment types.

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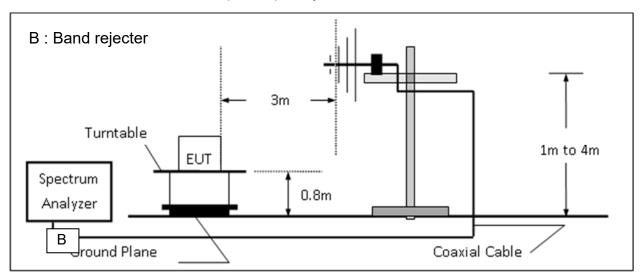
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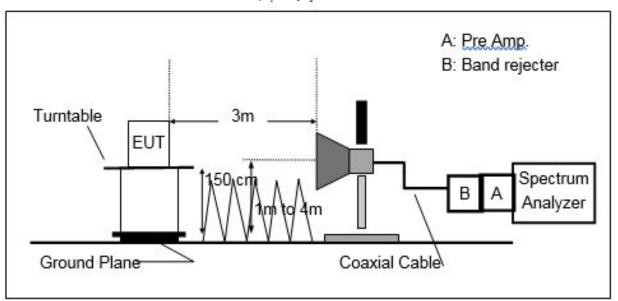
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6.2 **EUT Setup**

Radiated Emission Test Set-Up, Frequency Below 1000MHz



Radiated Emission Test Set-UP Frequency Over 1 GHz



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6.3 **Measurement Procedure:**

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

ERP (dBm) = SG Level(dBm) + Antenna Gain(dBd) + Cable Loss(dB) EIRP (dBm) = SG Level(dBm) + Antenna Gain(dBi) + Cable Loss(dB)

6.4 **Measurement Equipment Used:**

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Horn Antenna	Schwarzbeck	BBHA9170	184	12/25/2019	12/24/2020
Horn Antenna	Schwarzbeck	BBHA9120D	D803	12/20/2019	12/19/2020
Bi-log Antenna	TESEO	CBL 6112D	35242 & AT- N0555	01/13/2020	01/12/2021
Spectrum Analyzer	Agilent	E4446A	MY51100003	10/23/2019	10/22/2020
EMI Test Receiver	R&S	ESCI 7	100759	07/13/2020	07/12/2021
UXM 5G	KEYSIGHT	E7515B	MY59321561	12/16/2019	12/15/2020
Pre-Amplifier	EMC Instru- ments	EMC184045B	980135	01/02/2020	01/01/2021
Pre-Amplifier	EMC Instru- ments	EMC051825	980152	01/02/2020	01/01/2021
Pre-Amplifier	HP	8447D	2944A09469	01/02/2020	01/01/2021
Filter 800-1000	Micro-Tronics	EWT	M1	01/02/2020	01/01/2021
Filter 1700-2000	Micro-Tronics	EWT	M3	01/02/2020	01/01/2021
Filter 2240-2700	Micro-Tronics	WI	2	01/02/2020	01/01/2021
1GHz High Pass Fil- ter	Micro-Tronics	HPM50108	32	01/02/2020	01/01/2021
2GHz High Pass Fil- ter	Micro-Tronics	HPM50110	36	01/02/2020	01/01/2021
High Pass Filter	WI	WHKX4.0/18G-10SS	22	01/02/2020	01/01/2021
Coaxial Cable	Huber Suhner	succoflex 102	MY2622/2	01/02/2020	01/01/2021
Coaxial Cable	Huber Suhner	succoflex 104A	800086/4a	01/02/2020	01/01/2021
Coaxial Cable	Huber Suhner	EMC 104-SM-SM- 2000	160123	01/02/2020	01/01/2021

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6.5 **Measurement Result:**

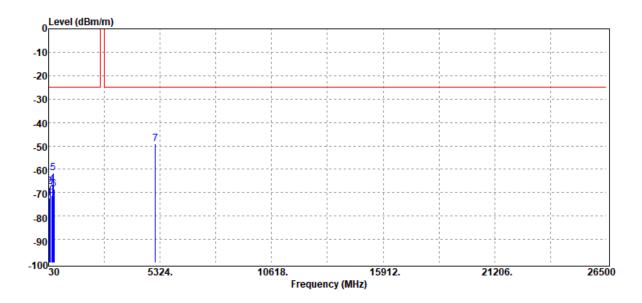
:ER/2020/80148 Test Site :SAC I Chamber Report Number

Test Date Operation Mode :n41A :2020-09-18

Test Mode :Tx CH Low Temp./Humi. :25.2/68

EUT Pol :NB Plane Antenna Pol. :VERTICAL

Test Frequency :2546.01 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
65.89	-72.37	-58.49	-13.09	-0.79	-25.00	-47.37
99.84	-67.53	-60.57	-6.01	-0.95	-25.00	-42.53
190.05	-71.37	-67.16	-2.94	-1.27	-25.00	-46.37
217.21	-66.38	-63.27	-1.74	-1.37	-25.00	-41.38
243.40	-61.56	-58.33	-1.74	-1.49	-25.00	-36.56
288.99	-68.67	-65.27	-1.79	-1.61	-25.00	-43.67
5092.02	-49.09	-54.84	12.52	-6.77	-25.00	-24.09

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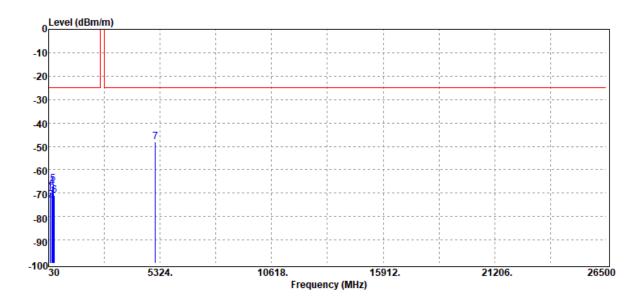
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :n41A

Test Mode :Tx CH Low Temp./Humi. :25.2/68

EUT Pol :NB Plane :HORIZONTAL Antenna Pol.

Test Frequency :2546.01 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
99.84	-69.66	-62.70	-6.01	-0.95	-25.00	-44.66
119.24	-72.92	-64.54	-7.32	-1.06	-25.00	-47.92
190.05	-70.39	-66.18	-2.94	-1.27	-25.00	-45.39
217.21	-67.62	-64.51	-1.74	-1.37	-25.00	-42.62
243.40	-66.24	-63.01	-1.74	-1.49	-25.00	-41.24
309.36	-70.90	-67.70	-1.60	-1.60	-25.00	-45.90
5092.02	-48.14	-53.89	12.52	-6.77	-25.00	-23.14

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Test Frequency

Report No.: ER/2020/80148

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:Neo

Engineer

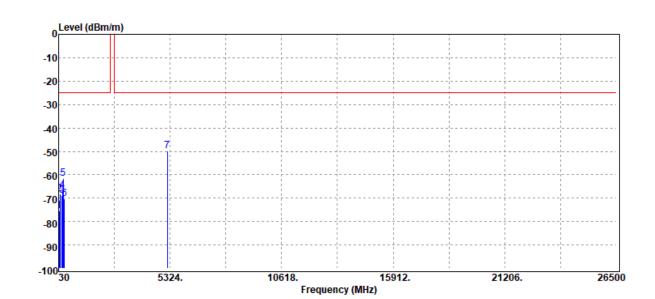
Report Number :ER/2020/80148 Test Site :SAC I Chamber

Operation Mode Test Date :2020-09-18 :n41A

Test Mode :Tx CH Mid Temp./Humi. :25.2/68

:2592.99 MHz

EUT Pol :NB Plane :VERTICAL Antenna Pol.



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
63.95	-75.32	-60.64	-13.91	-0.77	-25.00	-50.32
99.84	-68.08	-61.12	-6.01	-0.95	-25.00	-43.08
190.05	-69.03	-64.82	-2.94	-1.27	-25.00	-44.03
217.21	-66.75	-63.64	-1.74	-1.37	-25.00	-41.75
243.40	-61.47	-58.24	-1.74	-1.49	-25.00	-36.47
311.30	-70.34	-67.15	-1.59	-1.60	-25.00	-45.34
5185.98	-49.70	-55.51	12.92	-7.11	-25.00	-24.70

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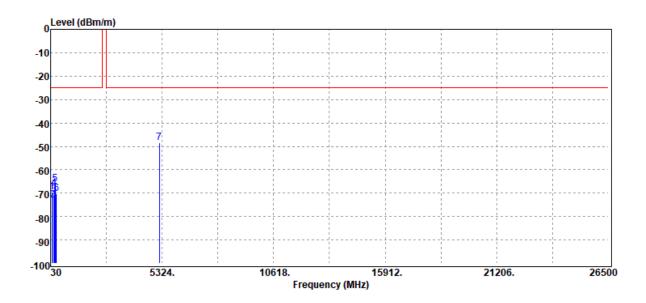
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Operation Mode Test Date :2020-09-18 :n41A

Test Mode :Tx CH Mid Temp./Humi. :25.2/68

EUT Pol :NB Plane :HORIZONTAL Antenna Pol.

Test Frequency :2592.99 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
99.84	-69.49	-62.53	-6.01	-0.95	-25.00	-44.49
118.27	-72.95	-64.59	-7.30	-1.06	-25.00	-47.95
190.05	-70.68	-66.47	-2.94	-1.27	-25.00	-45.68
217.21	-67.79	-64.68	-1.74	-1.37	-25.00	-42.79
243.40	-66.00	-62.77	-1.74	-1.49	-25.00	-41.00
311.30	-70.28	-67.09	-1.59	-1.60	-25.00	-45.28
5185.98	-48.52	-54.33	12.92	-7.11	-25.00	-23.52

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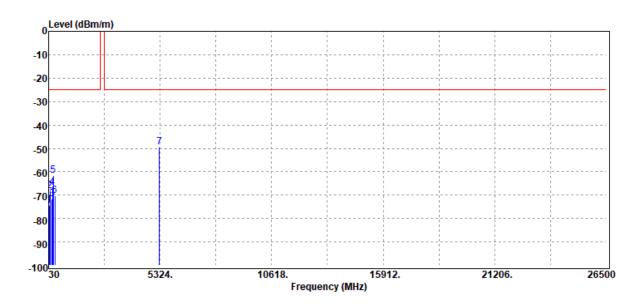
Report Number :ER/2020/80148 Test Site :SAC I Chamber

Operation Mode Test Date :2020-09-18 :n41A

Test Mode :Tx CH High Temp./Humi. :25.2/68

EUT Pol :NB Plane :VERTICAL Antenna Pol.

Test Frequency :2640 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	, dBm	dBi/dBd	dB	dBm	dB
65.89	-74.48	-60.60	-13.09	-0.79	-25.00	-49.48
99.84	-68.12	-61.16	-6.01	-0.95	-25.00	-43.12
190.05	-71.69	-67.48	-2.94	-1.27	-25.00	-46.69
217.21	-66.80	-63.69	-1.74	-1.37	-25.00	-41.80
243.40	-61.48	-58.25	-1.74	-1.49	-25.00	-36.48
318.09	-70.31	-67.13	-1.54	-1.64	-25.00	-45.31
5280.00	-49.53	-55.73	13.36	-7.16	-25.00	-24.53

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Test Frequency

Report No.: ER/2020/80148

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:Neo

Engineer

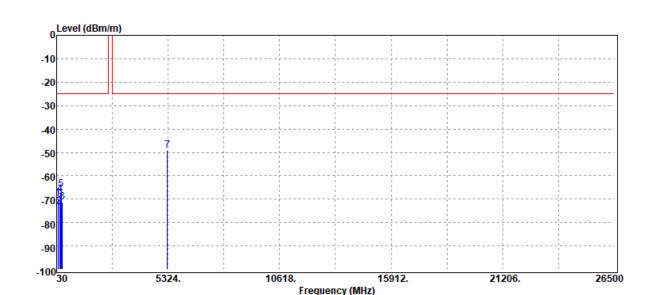
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :n41A

Test Mode :Tx CH High Temp./Humi. :25.2/68

:2640 MHz

EUT Pol :NB Plane :HORIZONTAL Antenna Pol.



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
99.84	-69.50	-62.54	-6.01	-0.95	-25.00	-44.50
119.24	-73.39	-65.01	-7.32	-1.06	-25.00	-48.39
190.05	-70.41	-66.20	-2.94	-1.27	-25.00	-45.41
217.21	-67.99	-64.88	-1.74	-1.37	-25.00	-42.99
243.40	-65.89	-62.66	-1.74	-1.49	-25.00	-40.89
311.30	-71.25	-68.06	-1.59	-1.60	-25.00	-46.25
5280.00	-49.15	-55.35	13.36	-7.16	-25.00	-24.15

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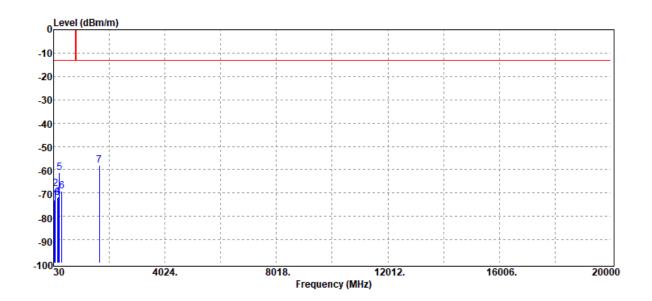
Test Site :SAC I Chamber Report Number :ER/2020/80148

Test Date **Operation Mode** :2A n5A :2020-09-18

Test Mode :Tx CH Low Temp./Humi. :25.2/68

EUT Pol :NB Plane Antenna Pol. :VERTICAL

Test Frequency :1950 MHz 831.5 MHz Engineer :Neo



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
		Output Level	Gain	Loss		
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
65.89	-73.18	-59.30	-13.09	-0.79	-13.00	-60.18
99.84	-68.18	-61.22	-6.01	-0.95	-13.00	-55.18
182.29	-71.84	-66.80	-3.81	-1.23	-13.00	-58.84
190.05	-71.46	-67.25	-2.94	-1.27	-13.00	-58.46
243.40	-61.19	-57.96	-1.74	-1.49	-13.00	-48.19
319.06	-69.18	-66.00	-1.53	-1.65	-13.00	-56.18
1663.00	-58.23	-64.15	9.80	-3.88	-13.00	-45.23
	MHz 65.89 99.84 182.29 190.05 243.40 319.06	MHz dBm 65.89 -73.18 99.84 -68.18 182.29 -71.84 190.05 -71.46 243.40 -61.19 319.06 -69.18	MHz dBm Output Level dBm 65.89 -73.18 -59.30 99.84 -68.18 -61.22 182.29 -71.84 -66.80 190.05 -71.46 -67.25 243.40 -61.19 -57.96 319.06 -69.18 -66.00	MHz dBm Output Level dBm Gain dBi/dBd 65.89 -73.18 -59.30 -13.09 99.84 -68.18 -61.22 -6.01 182.29 -71.84 -66.80 -3.81 190.05 -71.46 -67.25 -2.94 243.40 -61.19 -57.96 -1.74 319.06 -69.18 -66.00 -1.53	MHz dBm Output Level dBm Gain dBi/dBd Loss dB 65.89 -73.18 -59.30 -13.09 -0.79 99.84 -68.18 -61.22 -6.01 -0.95 182.29 -71.84 -66.80 -3.81 -1.23 190.05 -71.46 -67.25 -2.94 -1.27 243.40 -61.19 -57.96 -1.74 -1.49 319.06 -69.18 -66.00 -1.53 -1.65	MHz dBm Output Level dBm Gain dBi/dBd Loss dBm 65.89 -73.18 -59.30 -13.09 -0.79 -13.00 99.84 -68.18 -61.22 -6.01 -0.95 -13.00 182.29 -71.84 -66.80 -3.81 -1.23 -13.00 190.05 -71.46 -67.25 -2.94 -1.27 -13.00 243.40 -61.19 -57.96 -1.74 -1.49 -13.00 319.06 -69.18 -66.00 -1.53 -1.65 -13.00

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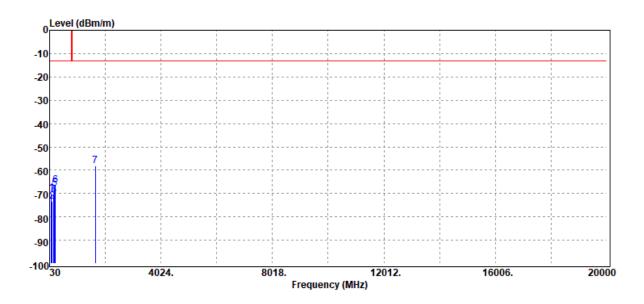
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :2A_n5A

Test Mode :Tx CH Low Temp./Humi. :25.2/68

EUT Pol :NB Plane :HORIZONTAL Antenna Pol.

Test Frequency :1950 MHz_831.5 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
97.90	-69.94	-63.21	-5.79	-0.94	-13.00	-56.94
119.24	-73.53	-65.15	-7.32	-1.06	-13.00	-60.53
180.35	-70.76	-65.36	-4.17	-1.23	-13.00	-57.76
190.05	-70.73	-66.52	-2.94	-1.27	-13.00	-57.73
217.21	-67.72	-64.61	-1.74	-1.37	-13.00	-54.72
243.40	-66.39	-63.16	-1.74	-1.49	-13.00	-53.39
1663.00	-58.18	-64.10	9.80	-3.88	-13.00	-45.18

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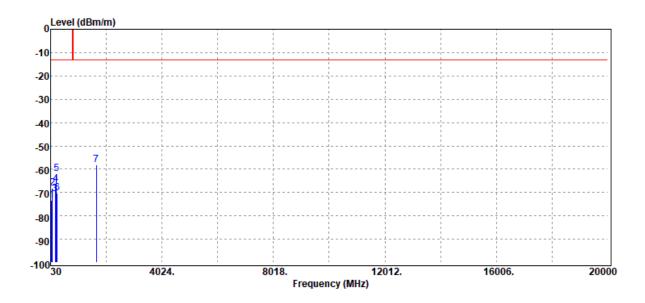
Antenna Pol.

Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :2A_n5A

Test Mode :Tx CH Mid Temp./Humi. :25.2/68 **EUT Pol** :NB Plane :VERTICAL

Test Frequency :1950 MHz_836.5 MHz Engineer :Neo



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
•		Output Level	Gain	Loss		_
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
65.89	-73.24	-59.36	-13.09	-0.79	-13.00	-60.24
99.84	-68.00	-61.04	-6.01	-0.95	-13.00	-55.00
190.05	-70.62	-66.41	-2.94	-1.27	-13.00	-57.62
217.21	-66.33	-63.22	-1.74	-1.37	-13.00	-53.33
243.40	-61.98	-58.75	-1.74	-1.49	-13.00	-48.98
275.41	-70.31	-67.02	-1.75	-1.54	-13.00	-57.31
1673.00	-58.29	-64.19	9.80	-3.90	-13.00	-45.29

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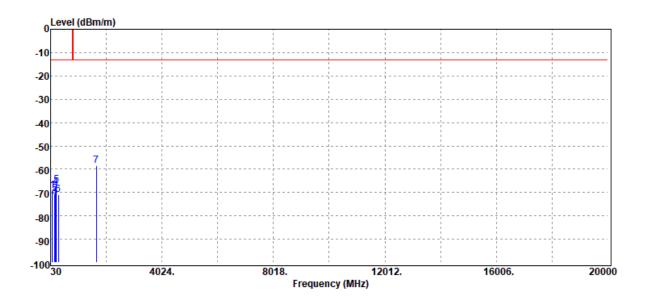
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :2A_n5A

Test Mode :Tx CH Mid Temp./Humi. :25.2/68

EUT Pol :NB Plane :HORIZONTAL Antenna Pol.

Test Frequency :1950 MHz_836.5 MHz Engineer :Neo



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dDm	Output Level	Gain dBi/dBd	Loss	dDm	dB
IVITZ	dBm	dBm	иы/иьи	dB	dBm	uБ
99.84	-69.35	-62.39	-6.01	-0.95	-13.00	-56.35
180.35	-70.69	-65.29	-4.17	-1.23	-13.00	-57.69
190.05	-71.73	-67.52	-2.94	-1.27	-13.00	-58.73
217.21	-67.73	-64.62	-1.74	-1.37	-13.00	-54.73
243.40	-66.83	-63.60	-1.74	-1.49	-13.00	-53.83
311.30	-71.03	-67.84	-1.59	-1.60	-13.00	-58.03
1673.00	-58.51	-64.41	9.80	-3.90	-13.00	-45.51

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Test Frequency

Report No.: ER/2020/80148

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:Neo

Engineer

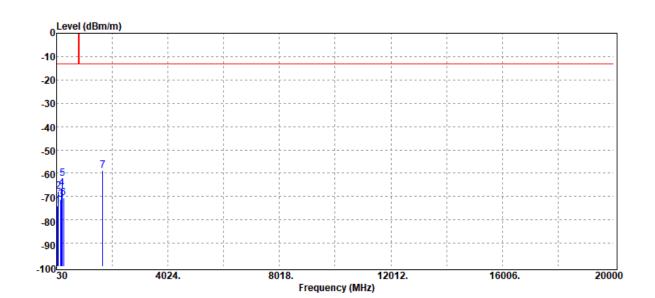
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :2A_n5A

Test Mode :Tx CH High Temp./Humi. :25.2/68

:1950 MHz_841.5 MHz

EUT Pol :NB Plane :VERTICAL Antenna Pol.



Freq.	EIRP/ERP	SG Output Lovel	Antenna Gain	Cable	Limit	Margin
MHz	dBm	Output Level dBm	dBi/dBd	Loss dB	dBm	dB
IVII IZ	dDill	QDIII	аылава	ub_	QDIII	ub_
65.89	-74.17	-60.29	-13.09	-0.79	-13.00	-61.17
99.84	-67.99	-61.03	-6.01	-0.95	-13.00	-54.99
187.14	-71.44	-66.91	-3.27	-1.26	-13.00	-58.44
217.21	-66.56	-63.45	-1.74	-1.37	-13.00	-53.56
243.40	-62.24	-59.01	-1.74	-1.49	-13.00	-49.24
277.35	-70.52	-67.16	-1.81	-1.55	-13.00	-57.52
1683.00	-58.76	-64.65	9.80	-3.91	-13.00	-45.76

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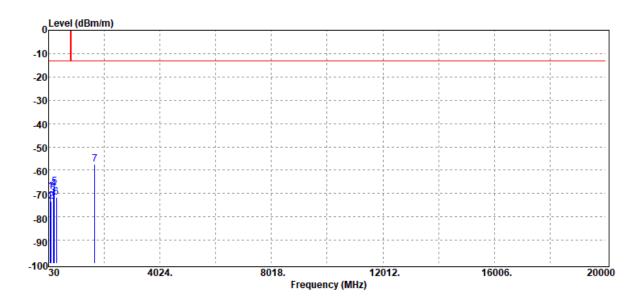
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :2A_n5A

Test Mode :Tx CH High Temp./Humi. :25.2/68

EUT Pol :NB Plane :HORIZONTAL Antenna Pol.

Test Frequency :1950 MHz_841.5 MHz Engineer :Neo



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
NAL I—	al Duna	Output Level	Gain	Loss	dD.vo	٩D
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
97.90	-69.13	-62.40	-5.79	-0.94	-13.00	-56.13
117.30	-73.23	-64.84	-7.34	-1.05	-13.00	-60.23
190.05	-71.08	-66.87	-2.94	-1.27	-13.00	-58.08
217.21	-68.24	-65.13	-1.74	-1.37	-13.00	-55.24
243.40	-67.24	-64.01	-1.74	-1.49	-13.00	-54.24
311.30	-71.52	-68.33	-1.59	-1.60	-13.00	-58.52
1683.00	-57.57	-63.46	9.80	-3.91	-13.00	-44.57

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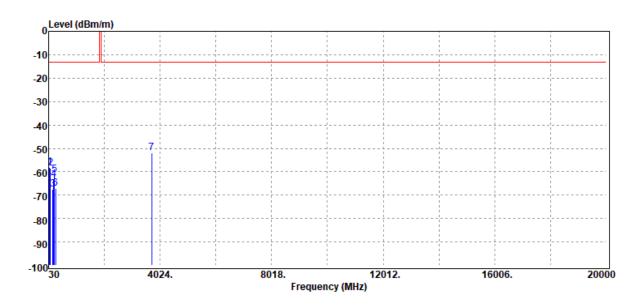
Report Number :ER/2020/80148 Test Site :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A_n2A

Test Mode :Tx CH Low Temp./Humi. :25.2/68

EUT Pol :NB Plane :VERTICAL Antenna Pol.

Test Frequency :836.5 MHz 1860 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	['] dBm	dBi/dBd	dB	dBm	dB
59.10	-58.25	-42.34	-15.18	-0.73	-13.00	-45.25
97.90	-58.54	-51.81	-5.79	-0.94	-13.00	-45.54
178.41	-67.41	-61.72	-4.46	-1.23	-13.00	-54.41
217.21	-63.48	-60.37	-1.74	-1.37	-13.00	-50.48
243.40	-61.23	-58.00	-1.74	-1.49	-13.00	-48.23
284.14	-67.06	-63.64	-1.84	-1.58	-13.00	-54.06
3720.00	-51.73	-58.31	12.40	-5.82	-13.00	-38.73

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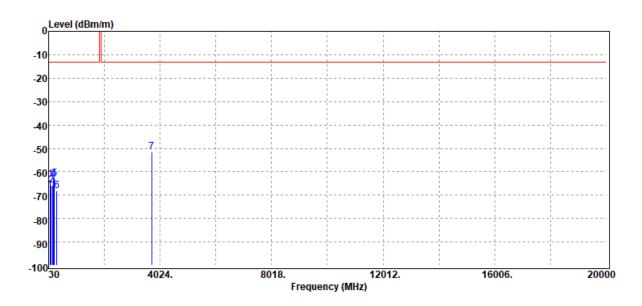
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A n2A

Test Mode :Tx CH Low Temp./Humi. :25.2/68

EUT Pol :NB Plane :HORIZONTAL Antenna Pol.

Test Frequency :836.5 MHz_1860 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
91.11	-63.31	-56.76	-5.64	-0.91	-13.00	-50.31
119.24	-65.68	-57.30	-7.32	-1.06	-13.00	-52.68
183.26	-65.88	-60.90	-3.74	-1.24	-13.00	-52.88
217.21	-62.80	-59.69	-1.74	-1.37	-13.00	-49.80
243.40	-63.06	-59.83	-1.74	-1.49	-13.00	-50.06
323.91	-68.23	-64.99	-1.57	-1.67	-13.00	-55.23
3720.00	-51.46	-58.04	12.40	-5.82	-13.00	-38.46

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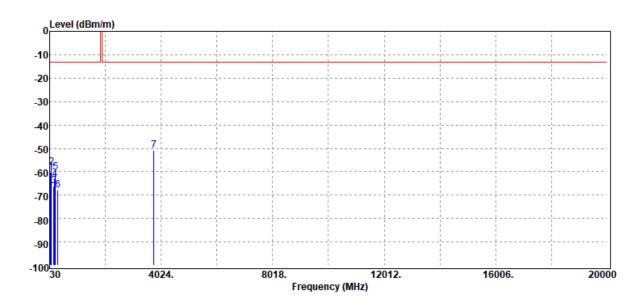
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Report Number :ER/2020/80148 Test Site :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A_n2A

Test Mode :Tx CH Mid Temp./Humi. :25.2/68 **EUT Pol** :NB Plane :VERTICAL Antenna Pol.

Test Frequency :836.5 MHz_1880 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
61.04	-60.12	-44.76	-14.61	-0.75	-13.00	-47.12
99.84	-58.07	-51.11	-6.01	-0.95	-13.00	-45.07
180.35	-66.04	-60.64	-4.17	-1.23	-13.00	-53.04
217.21	-63.31	-60.20	-1.74	-1.37	-13.00	-50.31
243.40	-60.21	-56.98	-1.74	-1.49	-13.00	-47.21
319.06	-67.94	-64.76	-1.53	-1.65	-13.00	-54.94
3760.00	-50.99	-57.65	12.40	-5.74	-13.00	-37.99

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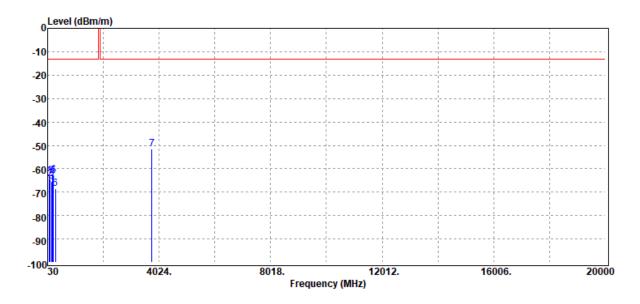
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A_n2A

Test Mode :Tx CH Mid Temp./Humi. :25.2/68

EUT Pol :NB Plane :HORIZONTAL Antenna Pol.

Test Frequency :836.5 MHz_1880 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
88.20	-63.04	-55.95	-6.20	-0.89	-13.00	-50.04
117.30	-64.50	-56.11	-7.34	-1.05	-13.00	-51.50
180.35	-65.38	-59.98	-4.17	-1.23	-13.00	-52.38
217.21	-62.70	-59.59	-1.74	-1.37	-13.00	-49.70
243.40	-62.84	-59.61	-1.74	-1.49	-13.00	-49.84
311.30	-68.36	-65.17	-1.59	-1.60	-13.00	-55.36
3760.00	-51.39	-58.05	12.40	-5.74	-13.00	-38.39

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Test Frequency

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:Neo

Engineer

Report Number :ER/2020/80148 Test Site :SAC I Chamber

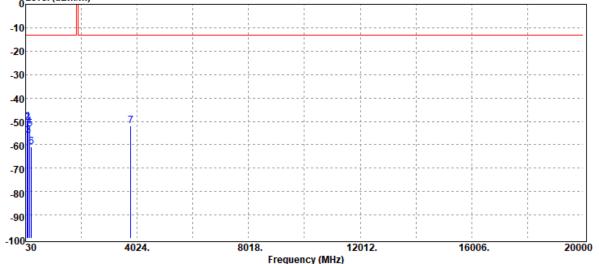
Operation Mode Test Date :2020-09-18 :5A_n2A

Test Mode :Tx CH High Temp./Humi. :25.2/68

EUT Pol :NB Plane :VERTICAL Antenna Pol.



:836.5 MHz_1900 MHz



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
94.99	-50.23	-43.73	-5.57	-0.93	-13.00	-37.23
104.69	-50.68	-43.04	-6.67	-0.97	-13.00	-37.68
120.21	-55.95	-47.54	-7.35	-1.06	-13.00	-42.95
170.65	-52.37	-45.28	-5.82	-1.27	-13.00	-39.37
178.41	-53.26	-47.57	-4.46	-1.23	-13.00	-40.26
243.40	-60.81	-57.58	-1.74	-1.49	-13.00	-47.81
3800.00	-51.94	-58.68	12.40	-5.66	-13.00	-38.94

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EUT Pol

Report No.: ER/2020/80148

:HORIZONTAL

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Antenna Pol.

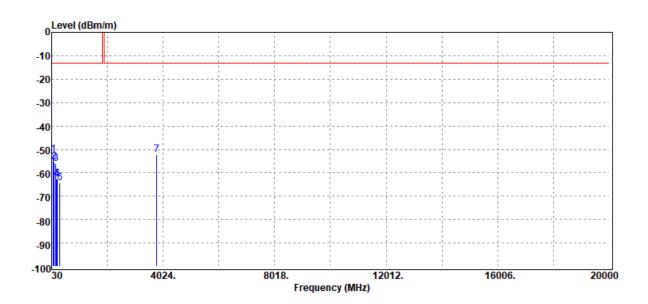
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A_n2A

Test Mode :Tx CH High Temp./Humi. :25.2/68

Test Frequency :836.5 MHz_1900 MHz Engineer :Neo

:NB Plane



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	['] dBm	dBi/dBd	dB	dBm	dB
94.99	-52.11	-45.61	-5.57	-0.93	-13.00	-39.11
120.21	-55.35	-46.94	-7.35	-1.06	-13.00	-42.35
175.50	-55.96	-49.78	-4.94	-1.24	-13.00	-42.96
217.21	-62.80	-59.69	-1.74	-1.37	-13.00	-49.80
243.40	-62.77	-59.54	-1.74	-1.49	-13.00	-49.77
330.70	-64.41	-60.95	-1.75	-1.71	-13.00	-51.41
3800.00	-52.10	-58.84	12.40	-5.66	-13.00	-39.10

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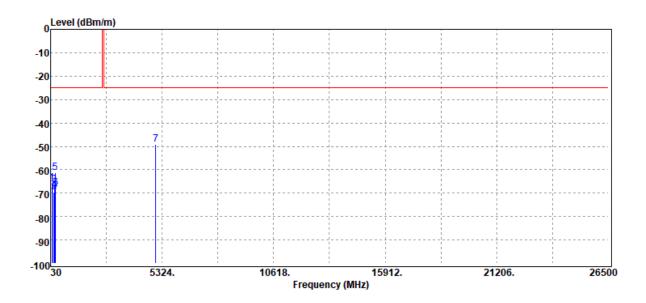
Report Number :ER/2020/80148 Test Site :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A_n7A

Test Mode :Tx CH Low Temp./Humi. :25.2/68

EUT Pol :NB Plane :VERTICAL Antenna Pol.

Test Frequency :836.5 MHz 2510 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
100.81	-65.60	-58.45	-6.20	-0.95	-25.00	-40.60
190.05	-69.71	-65.50	-2.94	-1.27	-25.00	-44.71
217.21	-66.34	-63.23	-1.74	-1.37	-25.00	-41.34
226.91	-68.78	-66.04	-1.33	-1.41	-25.00	-43.78
243.40	-61.15	-57.92	-1.74	-1.49	-25.00	-36.15
264.74	-67.77	-64.58	-1.66	-1.53	-25.00	-42.77
5020.00	-49.12	-54.93	12.66	-6.85	-25.00	-24.12

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EUT Pol

Report No.: ER/2020/80148

:HORIZONTAL

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Antenna Pol.

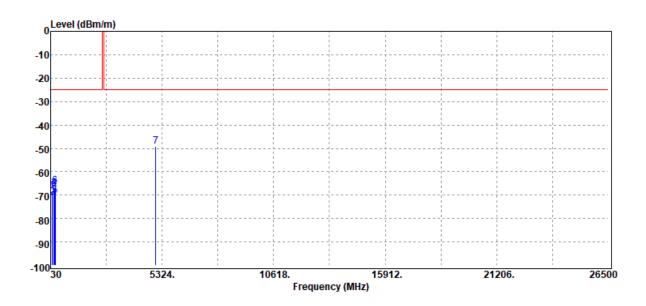
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A_n7A

Test Mode :Tx CH Low Temp./Humi. :25.2/68

Test Frequency :836.5 MHz 2510 MHz Engineer :Neo

:NB Plane



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
95.96	-68.32	-61.81	-5.58	-0.93	-25.00	-43.32
117.30	-70.79	-62.40	-7.34	-1.05	-25.00	-45.79
183.26	-67.00	-62.02	-3.74	-1.24	-25.00	-42.00
217.21	-67.21	-64.10	-1.74	-1.37	-25.00	-42.21
228.85	-70.14	-67.35	-1.37	-1.42	-25.00	-45.14
243.40	-66.25	-63.02	-1.74	-1.49	-25.00	-41.25
5020.00	-49.11	-54.92	12.66	-6.85	-25.00	-24.11

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EUT Pol

Report No.: ER/2020/80148

:VERTICAL

Antenna Pol.

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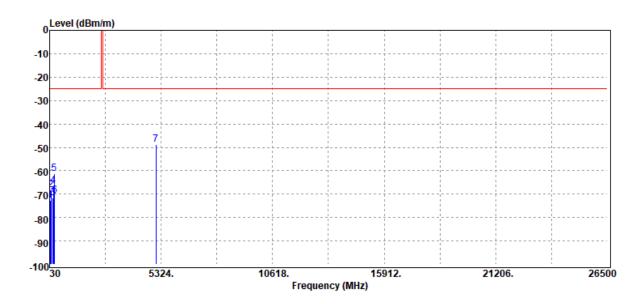
Report Number :ER/2020/80148 Test Site :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A_n7A

Test Mode :Tx CH Mid Temp./Humi. :25.2/68

Test Frequency :836.5 MHz 2535 MHz Engineer :Neo

:NB Plane



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
63.95	-72.71	-58.03	-13.91	-0.77	-25.00	-47.71
99.84	-68.13	-61.17	-6.01	-0.95	-25.00	-43.13
187.14	-71.55	-67.02	-3.27	-1.26	-25.00	-46.55
217.21	-66.52	-63.41	-1.74	-1.37	-25.00	-41.52
243.40	-61.33	-58.10	-1.74	-1.49	-25.00	-36.33
270.56	-70.56	-67.24	-1.79	-1.53	-25.00	-45.56
5070.00	-48.73	-54.49	12.56	-6.80	-25.00	-23.73

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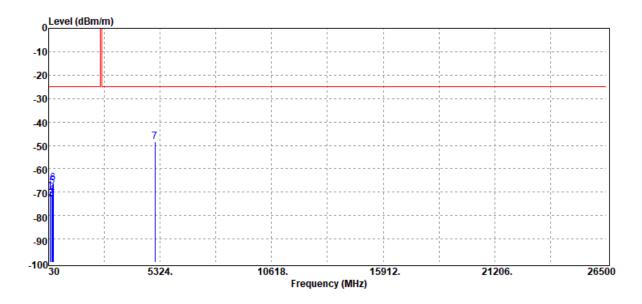
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A_n7A

Test Mode :Tx CH Mid Temp./Humi. :25.2/68

EUT Pol :NB Plane :HORIZONTAL Antenna Pol.

Test Frequency :836.5 MHz 2535 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
100.81	-69.50	-62.35	-6.20	-0.95	-25.00	-44.50
118.27	-73.15	-64.79	-7.30	-1.06	-25.00	-48.15
177.44	-72.53	-66.74	-4.55	-1.24	-25.00	-47.53
190.05	-71.00	-66.79	-2.94	-1.27	-25.00	-46.00
217.21	-67.39	-64.28	-1.74	-1.37	-25.00	-42.39
243.40	-66.18	-62.95	-1.74	-1.49	-25.00	-41.18
5070.00	-48.56	-54.32	12.56	-6.80	-25.00	-23.56

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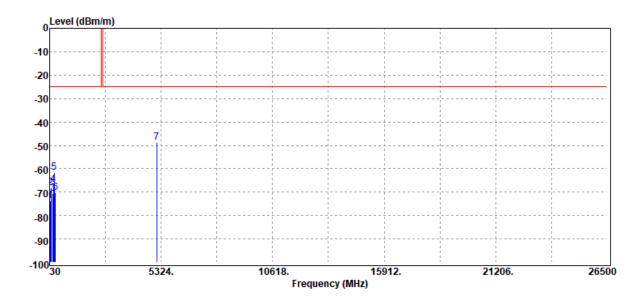
Report Number :ER/2020/80148 Test Site :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A_n7A

Test Mode :Tx CH High Temp./Humi. :25.2/68

EUT Pol :NB Plane :VERTICAL Antenna Pol.

Test Frequency :836.5 MHz 2560 MHz Engineer :Neo



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
65.89	-73.67	-59.79	-13.09	-0.79	-25.00	-48.67
99.84	-68.04	-61.08	-6.01	-0.95	-25.00	-43.04
187.14	-70.55	-66.02	-3.27	-1.26	-25.00	-45.55
217.21	-66.90	-63.79	-1.74	-1.37	-25.00	-41.90
243.40	-61.72	-58.49	-1.74	-1.49	-25.00	-36.72
311.30	-70.38	-67.19	-1.59	-1.60	-25.00	-45.38
5120.00	-48.82	-54.55	12.58	-6.85	-25.00	-23.82

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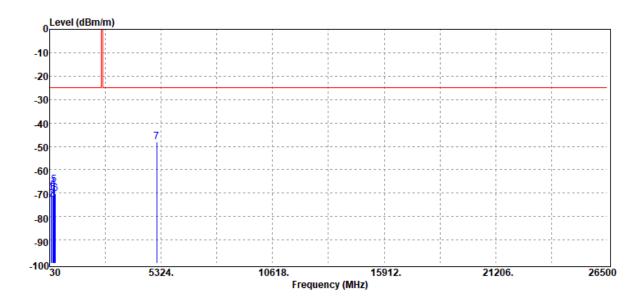
Report Number :ER/2020/80148 **Test Site** :SAC I Chamber

Operation Mode Test Date :2020-09-18 :5A_n7A

Test Mode :Tx CH High Temp./Humi. :25.2/68

EUT Pol :NB Plane :HORIZONTAL Antenna Pol.

Test Frequency :836.5 MHz 2560 MHz Engineer :Neo



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
•		Output Level	Gain	Loss		•
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
99.84	-69.84	-62.88	-6.01	-0.95	-25.00	-44.84
119.24	-72.66	-64.28	-7.32	-1.06	-25.00	-47.66
190.05	-71.09	-66.88	-2.94	-1.27	-25.00	-46.09
217.21	-67.83	-64.72	-1.74	-1.37	-25.00	-42.83
243.40	-66.34	-63.11	-1.74	-1.49	-25.00	-41.34
309.36	-70.29	-67.09	-1.60	-1.60	-25.00	-45.29
5120.00	-48.08	-53.81	12.58	-6.85	-25.00	-23.08

~ End of Report ~

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