



FCC RADIO TEST REPORT

FCC ID : 2AJN7-TP00122AUC
Equipment : Notebook Computer/Foldable PC
Brand Name : Lenovo
Model Name : TP00122A
Applicant : LC Future Center Limited Taiwan Branch
7F., No. 780, Bei'an Rd., Zhongshan Dist.,
Taipei City 104, Taiwan
Manufacturer : LCFC (HeFei) Electronics Technology Co., Ltd.
No. 3188-1, Yungu Road (Hefei Export
Processing Zone), Hefei Economics &
Technology Development Area, Anhui, CHINA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27

Equipment: Foxconn T99W175 tested inside of Lenovo Notebook Computer/Foldable PC.

The product was received on Jul. 21, 2020 and testing was started from Aug. 17, 2020 and completed on Aug. 28, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this partial report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan



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History of this test report

Report No.	Version	Description	Issued Date
FG072019C	01	Initial issue of report	Sep. 18, 2020



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	§2.1046	Conducted Output Power	-	See Note
	§22.913 (a)(2)	Effective Radiated Power (n5)	-	
	§27.50 (c)(10)	Effective Radiated Power (n12) (n71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (n2) (n7) (n38) (n41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (n66)		
-	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio		-
-	§2.1049	Occupied Bandwidth	-	See Note
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (n2) (n5) (n12) (n25) (n66) (n71)	-	See Note
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (n7) (n38) (n41)		
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (n2) (n5) (n12) (n25) (n66) (n71)	-	See Note
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (n7) (n38) (n41)		
-	§2.1055 §22.355 §24.235 §27.54	Frequency Stability Temperature & Voltage	-	See Note



Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (n2) (n5) (n12) (n25) (n66) (n71)	Pass	Under limit 18.37 dB at 5673.000 MHz
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (n7) (n38) (n41)		

Note: The module (Model: T99W175) makes no difference after verifying output power, this report reuses test data from the module report.

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Lucy Wu



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Notebook Computer/Foldable PC
Brand Name	Lenovo
Model Name	TP00122A
FCC ID	2AJN7-TP00122AUC
EUT supports Radios application	WCDMA/HSPA/LTE/GNSS/5G NR WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE
EUT Stage	Production Unit

Remark:

1. The above EUT's information was declared by manufacturer.
2. Equipment: Foxconn T99W175 tested inside of Lenovo Notebook Computer/Foldable PC.
3. All test items were performed with Main Antenna.

WWAN Antenna Information				
Main Antenna	Manufacturer	Amphenol	Peak gain (dBi)	1.94
	Part number	LXA494-16-000-C	Type	PIFA
MIMO 2 Antenna	Manufacturer	Amphenol	Peak gain (dBi)	1.44
	Part number	LXA493-16-000-C	Type	PIFA



1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	5G NR n2: 1852.5 MHz ~ 1907.5 MHz 5G NR n5: 826.5 MHz ~ 846.5 MHz 5G NR n7: 2502.5 MHz ~ 2567.5 MHz 5G NR n12: 701.5 MHz ~ 713.5 MHz 5G NR n38: 2572.5 MHz ~ 2617.5 MHz 5G NR n41: 2506.02 MHz ~ 2679.99 MHz 5G NR n71: 668.0 MHz ~ 693.0 MHz
Rx Frequency	5G NR n2: 1932.5 MHz ~ 1987.5 MHz 5G NR n5: 871.5 MHz ~ 891.5 MHz 5G NR n7: 2502.5 MHz ~ 2567.5 MHz 5G NR n12: 731.5 MHz ~ 743.5 MHz 5G NR n38: 2572.5 MHz ~ 2617.5 MHz 5G NR n41: 2506.02 MHz ~ 2679.99 MHz 5G NR n71: 668.0 MHz ~ 693.0 MHz
Bandwidth	5G NR n2: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n5: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n7: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n12: 5MHz / 10MHz / 15MHz 5G NR n38: 5MHz / 10MHz / 15MHz / 20MHz 5G NR n41: 20MHz / 40MHz / 50MHz / 60MHz / 80MHz / 90MHz / 100MHz 5G NR n71: 5MHz / 10MHz / 15MHz / 20MHz
Type of Modulation	PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM

1.3 Modification of EUT

No modifications are made to the EUT during all test items.



1.4 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan
Test Site No.	Sporton Site No.
	03CH12-HY
Test Engineer	Jack Cheng, Lance Chiang and Chuan Chu
Temperature	22.8~26.2°C
Relative Humidity	56.5~68.6%

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW0007

1.5 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Test Mode

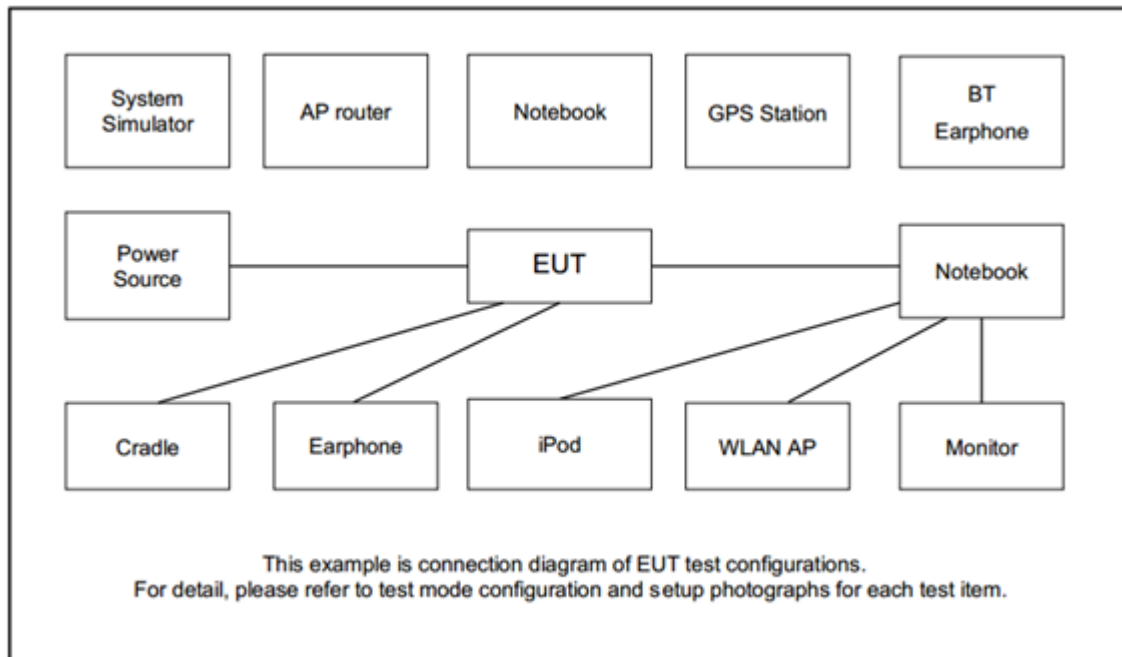
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y Plane) were recorded in this report.

Test Items	NR Band	Bandwidth (MHz)						Modulation					RB #			Test Channel		
		5	10	15	20	40	50	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Radiated Spurious Emission	n2				v	-	-	v					v			v	v	v
	n5				v	-	-	v					v			v	v	v
	n7				v	-	-	v					v			v	v	v
Remark	<ol style="list-style-type: none"> The mark "v " means that this configuration is chosen for testing The mark "- " means that this bandwidth is not supported. The device is investigated from 1GHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. Test combination is EN-DC 5A-n2A, EN-DC 2A-n5A, EN-DC 5A-n7A. For radiated measurement, pre-scanned in two modes, DFT-s OFDM and CP OFDM. The worst cases (DFT-s OFDM) were recorded in this report. All the radiated test cases were performed with Adapter 1. 																	

Test Items	NR Band	Bandwidth (MHz)									Modulation					RB #			Test Channel		
		10	15	20	40	50	60	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Radiated Spurious Emission	n41									v	v					v			v	v	v
Remark	<ol style="list-style-type: none"> The mark "v " means that this configuration is chosen for testing The mark "- " means that this bandwidth is not supported. The device is investigated from 1GHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. For radiated measurement, pre-scanned in two modes, DFT-s OFDM and CP OFDM. The worst cases (DFT-s OFDM) were recorded in this report. The NR radio operation is controlled via software tool FTM mode (SW: Version QRCT Version 4.0.00163.0) under 100% duty cycle transmission, expect that the frequency stability is tested by system simulator. All the radiated test cases were performed with Adapter 1. 																				

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	5G Wireless Test Platform	Keysight	UXM 5G	N/A	N/A	UnShielded, 1.8m



2.4 Frequency List of Low/Middle/High Channels

5G NR Band n2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	372000	376000	380000
	Frequency	1860	1880	1900

5G NR Band n5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	166800	167300	167800
	Frequency	834	836.5	839

5G NR Band n7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	502000	507000	512000
	Frequency	2510	2535	2560

5G NR Band n41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	509202	518598	528000
	Frequency	2546.01	2592.99	2640

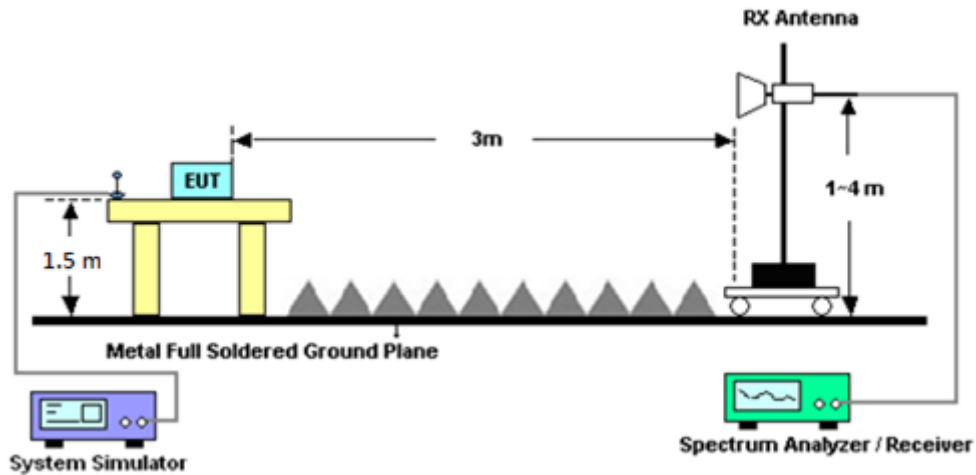
3 Radiated Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

For radiated test above 1GHz



3.1.2 Test Result of Radiated Test

Please refer to Appendix A.



3.2 Radiated Spurious Emission Measurement

3.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For 5G NR n41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / TIA-603-E Section 2.2.12.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

For 5G NR n41

The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)

EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain

ERP (dBm) = EIRP - 2.15



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1328	1GHz~18GHz	Nov. 14, 2019	Aug. 17, 2020~ Aug. 28, 2020	Nov. 13, 2020	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA917058 4	18GHz~40GHz	Dec. 10, 2019	Aug. 17, 2020~ Aug. 28, 2020	Dec. 09, 2020	Radiation (03CH12-HY)
Preamplifier	Agilent	8449B	3008A02375	1GHz~26.5GHz	Mar. 26, 2020	Aug. 17, 2020~ Aug. 28, 2020	Mar. 25, 2021	Radiation (03CH12-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03K	1710001800 054002	1GHz~18GHz	Feb. 07, 2020	Aug. 17, 2020~ Aug. 28, 2020	Feb. 06, 2021	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 13, 2019	Aug. 17, 2020~ Aug. 28, 2020	Dec. 12, 2020	Radiation (03CH12-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101048	10Hz~44GHz	Apr. 29, 2020	Aug. 17, 2020~ Aug. 28, 2020	Apr. 28, 2021	Radiation (03CH12-HY)
Signal Generator	Anritsu	MG3694C	163401	0.1Hz~40GHz	Feb. 15, 2020	Aug. 17, 2020~ Aug. 28, 2020	Feb. 14, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 12, 2019	Aug. 17, 2020~ Aug. 28, 2020	Dec. 11, 2020	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 25, 2020	Aug. 17, 2020~ Aug. 28, 2020	Feb. 24, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz~40GHz	Feb. 25, 2020	Aug. 17, 2020~ Aug. 28, 2020	Feb. 24, 2021	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP140349	N/A	Oct. 25, 2019	Aug. 17, 2020~ Aug. 28, 2020	Oct. 24, 2020	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 17, 2020~ Aug. 28, 2020	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Aug. 17, 2020~ Aug. 28, 2020	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Aug. 17, 2020~ Aug. 28, 2020	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Aug. 17, 2020~ Aug. 28, 2020	N/A	Radiation (03CH12-HY)



5 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.21
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.80
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Appendix A. Test Results of Radiated Test

EN-DC 2A-n5A

EN-DC 2A-n5A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1650	-43.09	-13	-30.09	-71.53	-48.69	0.92	8.67	H
	2475	-38.76	-13	-25.76	-72.29	-46.13	1.14	10.67	H
	3301	-37.64	-13	-24.64	-72.98	-46.19	1.32	12.02	H
									H
									H
									H
	1650	-43.96	-13	-30.96	-71.86	-49.56	0.92	8.67	V
	2475	-38.93	-13	-25.93	-72.62	-46.30	1.14	10.67	V
	3301	-37.32	-13	-24.32	-73.13	-45.87	1.32	12.02	V
									V
									V
Middle	1655	-43.43	-13	-30.43	-71.88	-49.05	0.92	8.69	H
	2483	-39.15	-13	-26.15	-72.78	-46.53	1.15	10.68	H
	3311	-37.62	-13	-24.62	-72.95	-46.19	1.33	12.05	H
									H
									H
									H
	1655	-44.01	-13	-31.01	-71.9	-49.63	0.92	8.69	V
	2483	-38.61	-13	-25.61	-72.34	-45.99	1.15	10.68	V
	3311	-37.20	-13	-24.20	-73	-45.77	1.33	12.05	V
									V
									V



Highest	1660	-43.33	-13	-30.33	-71.79	-48.96	0.92	8.71	H
	2490	-39.32	-13	-26.32	-72.88	-46.71	1.15	10.69	H
	3321	-37.56	-13	-24.56	-72.86	-46.15	1.33	12.07	H
									H
									H
									H
	1660	-44.15	-13	-31.15	-72.03	-49.78	0.92	8.71	V
	2490	-38.79	-13	-25.79	-72.54	-46.18	1.15	10.69	V
	3321	-37.02	-13	-24.02	-72.78	-45.61	1.33	12.07	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC 5A-n2A

EN-DC 5A-n2A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-37.42	-13	-24.42	-74.82	-48.63	1.41	12.62	H
	5553	-31.85	-13	-18.85	-75.02	-43.41	1.74	13.30	H
	7405	-47.45	-13	-34.45	-74.72	-56.76	1.94	11.25	H
									H
									H
									H
	3702	-37.51	-13	-24.51	-75.06	-48.72	1.41	12.62	V
	5553	-32.27	-13	-19.27	-74.97	-43.83	1.74	13.30	V
	7405	-47.61	-13	-34.61	-74.73	-56.92	1.94	11.25	V
									V
									V
									V
Middle	3742	-36.78	-13	-23.78	-74.37	-48.00	1.42	12.65	H
	5613	-31.64	-13	-18.64	-74.71	-43.20	1.74	13.30	H
	7485	-47.09	-13	-34.09	-73.98	-56.23	1.98	11.12	H
									H
									H
									H
	3742	-36.52	-13	-23.52	-74.31	-47.74	1.42	12.65	V
	5613	-31.85	-13	-18.85	-74.58	-43.41	1.74	13.30	V
	7485	-46.88	-13	-33.88	-73.72	-56.02	1.98	11.12	V
									V
									V
									V



Highest	3782	-36.20	-13	-23.20	-74	-47.44	1.43	12.67	H
	5673	-31.37	-13	-18.37	-74.73	-42.94	1.73	13.30	H
	7565	-34.94	-13	-21.94	-74.42	-44.05	2.00	11.11	H
									H
									H
									H
	3782	-36.06	-13	-23.06	-74.11	-47.30	1.43	12.67	V
	5673	-31.89	-13	-18.89	-74.76	-43.46	1.73	13.30	V
	7565	-47.47	-13	-34.47	-73.91	-56.58	2.00	11.11	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC 5A-n7A

EN-DC 5A-n7A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002	-52.88	-25	-27.88	-74.72	-63.87	1.61	12.60	H
	7503	-47.52	-25	-22.52	-73.91	-56.63	1.99	11.10	H
	10005	-44.63	-25	-19.63	-74.21	-53.53	2.40	11.30	H
									H
									H
									H
	5002	-53.48	-25	-28.48	-74.87	-64.47	1.61	12.60	V
	7503	-47.46	-25	-22.46	-73.82	-56.57	1.99	11.10	V
	10005	-43.81	-25	-18.81	-74.18	-52.71	2.40	11.30	V
									V
									V
									V
Middle	5052	-53.17	-25	-28.17	-75.05	-64.22	1.62	12.67	H
	7578	-48.43	-25	-23.43	-74.42	-57.54	2.00	11.12	H
	10105	-44.43	-25	-19.43	-74.26	-53.25	2.40	11.22	H
									H
									H
									H
	5052	-53.54	-25	-28.54	-75.05	-64.59	1.62	12.67	V
	7578	-48.43	-25	-23.43	-74.38	-57.54	2.00	11.12	V
	10105	-43.76	-25	-18.76	-74.16	-52.58	2.40	11.22	V
									V
									V
									V



Highest	5102	-53.25	-25	-28.25	-75.15	-64.36	1.64	12.74	H
	7653	-48.31	-25	-23.31	-74.19	-57.43	2.01	11.13	H
	10206	-44.16	-25	-19.16	-74.24	-52.90	2.40	11.14	H
									H
									H
									H
	5102	-53.61	-25	-28.61	-75.21	-64.72	1.64	12.74	V
	7653	-48.06	-25	-23.06	-73.82	-57.18	2.01	11.13	V
	10206	-43.90	-25	-18.90	-74.33	-52.64	2.40	11.14	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



n41 FTM

n41 FTM / 100MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5003	-53.14	-25	-28.14	-74.98	-64.13	1.61	12.60	H
	7504	-47.74	-25	-22.74	-74.13	-56.85	1.99	11.10	H
	10005	-44.70	-25	-19.70	-74.28	-53.60	2.40	11.30	H
									H
									H
									H
	5003	-53.71	-25	-28.71	-75.11	-64.70	1.61	12.60	V
	7504	-47.74	-25	-22.74	-74.1	-56.85	1.99	11.10	V
	10005	-43.88	-25	-18.88	-74.25	-52.78	2.40	11.30	V
									V
									V
									V
Middle	5097	-52.85	-25	-27.85	-74.75	-63.95	1.64	12.74	H
	7645	-48.41	-25	-23.41	-74.28	-57.53	2.01	11.13	H
	10193	-44.06	-25	-19.06	-74.11	-52.81	2.40	11.15	H
									H
									H
									H
	5096	-53.52	-25	-28.52	-75.11	-64.62	1.63	12.73	V
	7644	-48.35	-25	-23.35	-74.12	-57.47	2.01	11.13	V
	10193	-43.90	-25	-18.90	-74.33	-52.65	2.40	11.15	V
									V
									V
									V



Highest	5190	-53.16	-25	-28.16	-75.12	-64.37	1.66	12.87	H
	7785	-48.54	-25	-23.54	-74.43	-57.67	2.03	11.16	H
	10377	-43.85	-25	-18.85	-74.37	-52.46	2.39	11.00	H
									H
									H
									H
	5190	-53.82	-25	-28.82	-75.6	-65.03	1.66	12.87	V
	7785	-48.73	-25	-23.73	-74.34	-57.86	2.03	11.16	V
	10377	-43.85	-25	-18.85	-74.35	-52.46	2.39	11.00	V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.