



FCC RADIO TEST REPORT

FCC ID : B94HNI61PAR
Equipment : Notebook Computer
Brand Name : HP
Model Name : HSN-I61C
Applicant : HP Inc.
1501 Page Mill Road, Palo Alto CA 94304 USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E)

The product was received on Sep. 09, 2024 and testing was performed from Sep. 28, 2024 to Nov. 05, 2024. 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 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 from 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 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG490505A	01	Initial issue of report	Nov. 20, 2024
FG490505A	02	Revise Section 2.1 This report is an updated version, replacing the report issued on Nov. 20, 2024.	Nov. 29, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5)	Effective Radiated Power (GSM850)		
	§24.232 (c)	Equivalent Isotropic Radiated Power (GSM1900)		
-	§24.232 (d)	Peak-to-Average Ratio	Pass	See Note
-	§2.1049 §22.917 (b) §24.238 (b)	Occupied Bandwidth (GSM850) (GSM1900)	Pass	See Note
-	§2.1051 §22.917 (a) §24.238 (a)	Band Edge Measurement (GSM850) (GSM1900)	Pass	See Note
-	§2.1051 §22.917 (a) §24.238 (a)	Conducted Emission (GSM850) (GSM1900)	Pass	See Note
-	§2.1055 §22.355 §24.235	Frequency Stability Temperature & Voltage	Pass	See Note
4.4	§2.1053 §22.917 (a) §24.238 (a)	Field Strength of Spurious Radiation (GSM850)	Pass	22.79 dB under the limit at 2512.00 MHz

Note:

- For host device, Field Strength of Spurious Radiation, Effective Radiated Power and Equivalent Isotropic Radiated Power are verified and complies with the limit in this test report.
- For host device, the Conducted Output Power is no difference after compared to module (Model: TX520-GL)

Conformity Assessment Condition:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sheng Kuo

Report Producer: Rebecca Wu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	GSM/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11ax/be, NFC, and GNSS
Sample 1	EUT with Vendor 2 Antenna
Sample 2	EUT with Vendor 1 Antenna
Integrated WWAN Module	Brand Name: Rolling Wireless Model Name: TX520-GL FCC ID: 2BF7TTX520GL
Integrated WLAN Module	Brand Name: Intel Model Name: BE201NGW FCC ID: PD9BE201NG
Integrated NFC Module	Brand Name: WNC Model Name: XRAV-1 FCC ID: NKR-XRAV1
Antenna Type	WWAN: PIFA Antenna WLAN: <Main>: PIFA Antenna <Aux.>: PIFA Antenna Bluetooth: PIFA Antenna GPS/Glonass/BDS/Galileo: PIFA Antenna NFC: Loop Antenna

WWAN Antenna Information for Notebook Mode				
Antenna 5	Manufacturer	Vendor 1	Peak gain (dBi)	GSM850 : 0.71 GSM1900 : -0.50
	Part number	6036B0361401 (00-350270155N)	Type	PIFA
	Manufacturer	Vendor 2	Peak gain (dBi)	GSM850 : -2.74 GSM1900 : 0.43
	Part number	6036B0361301 (81ELBF15.G04)	Type	PIFA

WWAN Antenna Information for Tablet Mode				
Antenna 5	Manufacturer	Vendor 1	Peak gain (dBi)	GSM850 : -3.33 GSM1900 : -1.68
	Part number	6036B0361401 (00-350270155N)	Type	PIFA
	Manufacturer	Vendor 2	Peak gain (dBi)	GSM850 : -4.14 GSM1900 : -1.32
	Part number	6036B0361301 (81ELBF15.G04)	Type	PIFA

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No.	
	TH03-HY	03CH07-HY
Test Engineer	Eric Wu	Jesse Wang, Stan Hsieh, and Ken Wu
Temperature (°C)	21.0~23.0	22.1~26.3
Relative Humidity (%)	40.1~42.1	53.4~65.8

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

FCC Designation No.: TW1190 and TW3786

1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 22(H), 24(E)
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
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 were performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in Tablet Type (three orthogonal axis (X: flat, Y: portrait, Z: landscape)) and Notebook Type, and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

1. 30 MHz to 9000 MHz for GSM850
2. 30 MHz to 19100 MHz for GSM1900

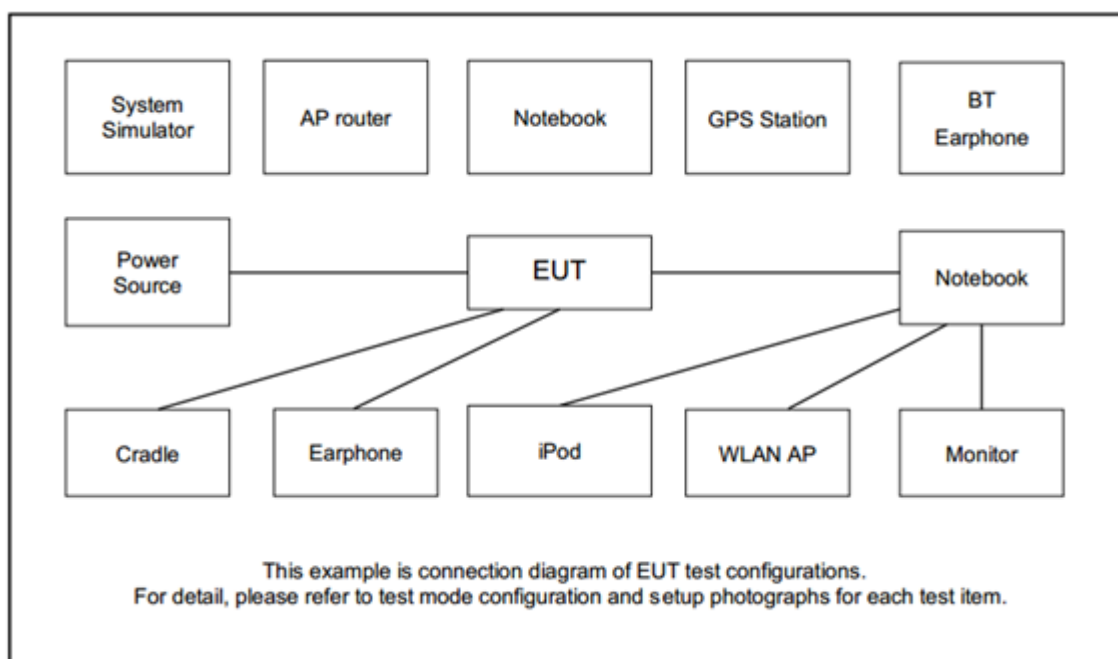
All modes, data rates and positions were investigated.

Test modes are chosen to be reported as the worst case configuration below:

Test Modes		
Band	Radiated TCs	Conducted TCs
GSM850	■ GSM Link ■ EDGE Class 8 Link	■ GSM Link ■ EDGE Class 8 Link
GSM1900	-	■ GSM Link ■ EDGE Class 8 Link

Remark: All the radiated test cases were performed with Sample 2.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	iPod Earphone	Apple	N/A	Verification	Shielded, 1.2 m	N/A
2.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m

2.4 Frequency List of Low/Middle/High Channels

Frequency List				
Band	Channel/Frequency(MHz)	Lowest	Middle	Highest
GSM850	Channel	128	189	251
	Frequency	824.2	836.4	848.8
GSM1900	Channel	512	661	810
	Frequency	1850.2	1880.0	1909.8

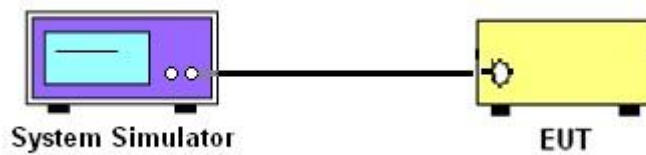
3 Conducted Test Result

3.1 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power and ERP/EIRP

3.2.1 Description of the Conducted Output Power and ERP/EIRP

A system simulator was used to establish communication with the EUT. Its parameters were set to enforce EUT transmitting at the maximum power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for GSM850

The EIRP of mobile transmitters must not exceed 2 Watts for GSM1900

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.2.2 Test Procedures

1. The transmitter output port is connected to the system simulator.
2. Set EUT at maximum power through system simulator.
3. Select the lowest, middle, and the highest channels for each band and different modulation.
4. Measure the maximum burst average power for GSM and maximum average power for other modulation signal.

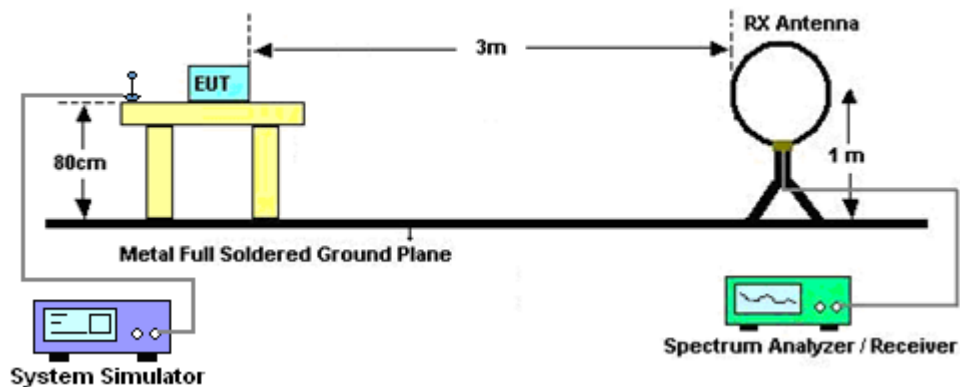
4 Radiated Test Items

4.1 Measuring Instruments

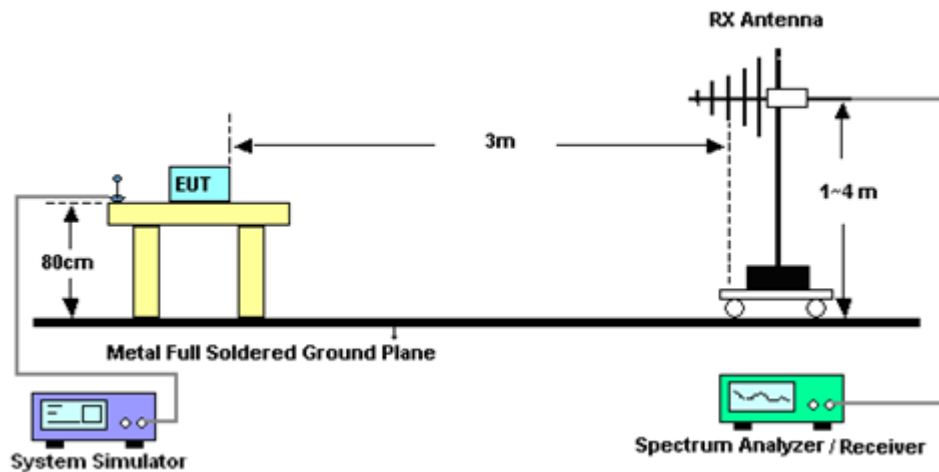
Please refer to the measuring equipment list in this test report.

4.2 Test Setup

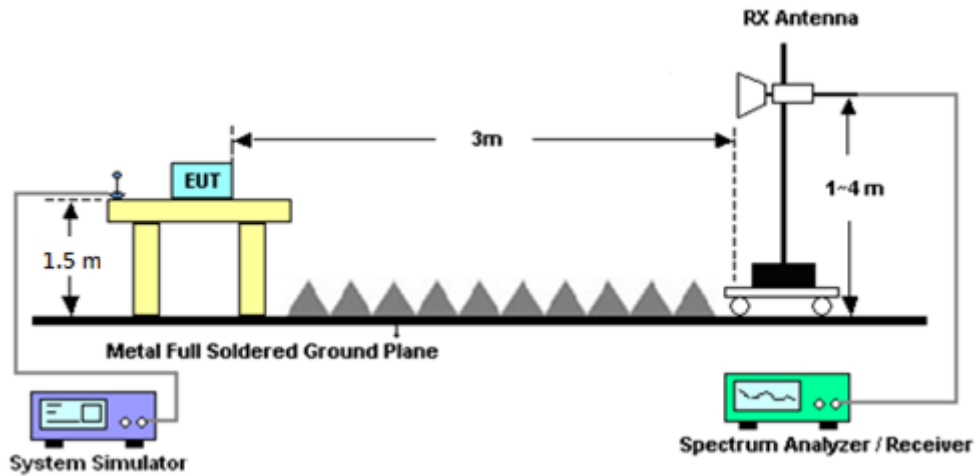
For radiated test below 30MHz



For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

4.4 Field Strength of Spurious Radiation Measurement

4.4.1 Description of Field Strength of Spurious Radiated Measurement

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

4.4.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

1. The EUT is placed on a rotatable wooden table 0.8 meters for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz above the ground.
2. The EUT is set 3 meters away from the receiving antenna, which is mounted on the antenna tower.
3. The table is 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 for the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1 MHz, VBW = 3 MHz, taking record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency shall be excluded against the limit line in the operating frequency band.
10. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	Rohde & Schwarz	FSP30	101329	9kHz~40GHz	Sep. 25, 2024	Nov. 05, 2024	Sep. 24, 2025	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPE-2323	GET910896	0V~64V ; 0A~6A	Nov. 16, 2023	Nov. 05, 2024	Nov. 15, 2024	Conducted (TH03-HY)
Base Station (Measure)	Rohde & Schwarz	CMU200	117995	GSM / GPRS / WCDMA / CDMA	Aug. 08, 2024	Nov. 05, 2024	Aug. 07, 2025	Conducted (TH03-HY)
Temperature & Humidity Cabinet Chamber	ESPEC	LHU-113	1012005860	-20℃~85℃	Dec. 13, 2023	Nov. 05, 2024	Dec. 12, 2024	Conducted (TH03-HY)
Hygrometer	TECEP	DTM-303B	TP200886	N/A	Mar. 14, 2024	Nov. 05, 2024	Mar. 13, 2025	Conducted (TH03-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 22, 2024	Sep. 28, 2024~Oct. 30, 2024	Apr. 21, 2025	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Nov. 27, 2023	Sep. 28, 2024~Oct. 30, 2024	Nov. 26, 2024	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 23, 2024	Sep. 28, 2024~Oct. 30, 2024	Feb. 22, 2025	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 19, 2024	Sep. 28, 2024~Oct. 30, 2024	Apr. 18, 2025	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 23, 2024	Sep. 28, 2024~Oct. 30, 2024	Mar. 22, 2025	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Aug. 05, 2024	Sep. 28, 2024~Oct. 30, 2024	Aug. 04, 2025	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 26, 2024	Sep. 28, 2024~Oct. 30, 2024	Mar. 25, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 21, 2024	Sep. 28, 2024~Oct. 30, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 21, 2024	Sep. 28, 2024~Oct. 30, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 14, 2024	Sep. 28, 2024~Oct. 30, 2024	Sep. 13, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 21, 2024	Sep. 28, 2024~Oct. 30, 2024	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 22, 2024	Sep. 28, 2024~Oct. 30, 2024	Apr. 21, 2025	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Sep. 28, 2024~Oct. 30, 2024	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Sep. 28, 2024~Oct. 30, 2024	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Sep. 28, 2024~Oct. 30, 2024	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Sep. 28, 2024~Oct. 30, 2024	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Sep. 28, 2024~Oct. 30, 2024	N/A	Radiation (03CH07-HY)
USB Data Logger	TECEP	TR-32	HE17XB2495	N/A	Mar. 01, 2024	Sep. 28, 2024~Oct. 30, 2024	Feb. 28, 2025	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 24, 2023	Sep. 28, 2024~Oct. 30, 2024	Nov. 23, 2024	Radiation (03CH07-HY)



6 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.291 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.076 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) & ERP / EIRP

GSM850 Maximum Average Power [dBm] (GT - LC = 0.71 dB)					
Channel	128	189	251	ERP (dBm)	ERP (W)
Frequency	824.2	836.4	848.8		
GSM	32.59	33.02	32.66	31.58	1.4388
GPRS class 8	32.54	32.98	32.61		
GPRS class 10	29.51	29.57	29.53		
GPRS class 11	28.05	28.51	28.01		
GPRS class 12	27.85	27.88	27.41		
EGPRS class 8	26.32	26.58	26.38	25.14	0.3266
EGPRS class 10	24.53	25.01	24.76		
EGPRS class 11	22.97	23.40	23.15		
EGPRS class 12	22.05	22.34	22.15		
Limit	ERP < 7W			Result	Pass

GSM1900 Maximum Average Power [dBm] (GT - LC = 0.43 dB)					
Channel	512	661	810	EIRP (dBm)	EIRP (W)
Frequency	1850.2	1880	1909.8		
GSM	28.93	29.02	28.87	29.45	0.8810
GPRS class 8	28.72	28.92	28.77		
GPRS class 10	26.91	26.98	26.94		
GPRS class 11	24.93	24.98	24.92		
GPRS class 12	23.97	23.99	23.95		
EGPRS class 8	25.19	25.21	25.16	25.64	0.3664
EGPRS class 10	24.59	24.74	24.41		
EGPRS class 11	22.94	22.92	22.64		
EGPRS class 12	21.93	21.77	21.56		
Limit	EIRP < 2W			Result	Pass



Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

<Sample 2>

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
3	Part 22H	GSM 850	M	2512	-35.79	RMS	32.42	-50.34	0.24	-95.23	77.12	-13.00	-22.79	V	5



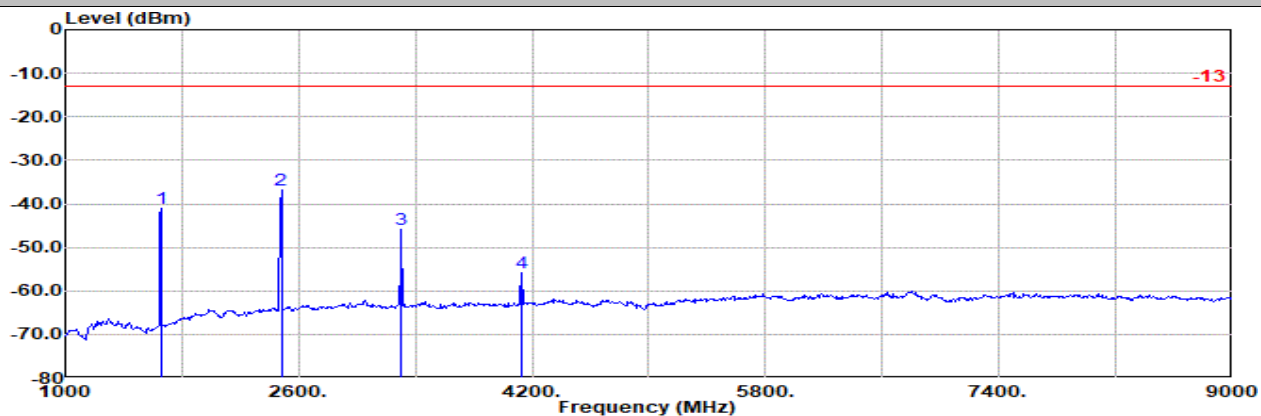
Ant. 5

Worst plane: TB (X) With Accessory

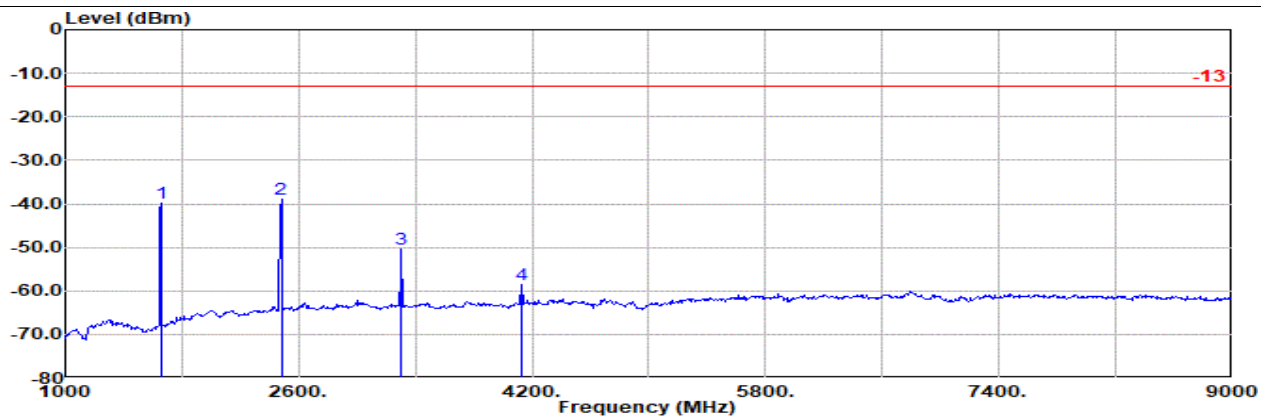
Part 22H Mode 3

GSM 850 Ch128

L



	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	1656.00	-41.05	RMS	28.70	-52.10	0.31	-95.23	77.27	-13.00	-28.05	Horizontal
2	2480.00	-36.91	RMS	32.10	-50.40	0.29	-95.23	76.33	-13.00	-23.91	Horizontal
3	3304.00	-45.90	RMS	32.81	-49.20	0.14	-95.23	65.58	-13.00	-32.90	Horizontal
4	4128.00	-55.71	RMS	33.57	-48.63	0.45	-95.23	54.13	-13.00	-42.71	Horizontal



	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	1656.00	-39.73	RMS	28.70	-52.10	0.31	-95.23	78.59	-13.00	-26.73	Vertical
2	2480.00	-38.86	RMS	32.10	-50.40	0.29	-95.23	74.38	-13.00	-25.86	Vertical
3	3304.00	-50.50	RMS	32.81	-49.20	0.14	-95.23	60.98	-13.00	-37.50	Vertical
4	4128.00	-58.47	RMS	33.57	-48.63	0.45	-95.23	51.37	-13.00	-45.47	Vertical



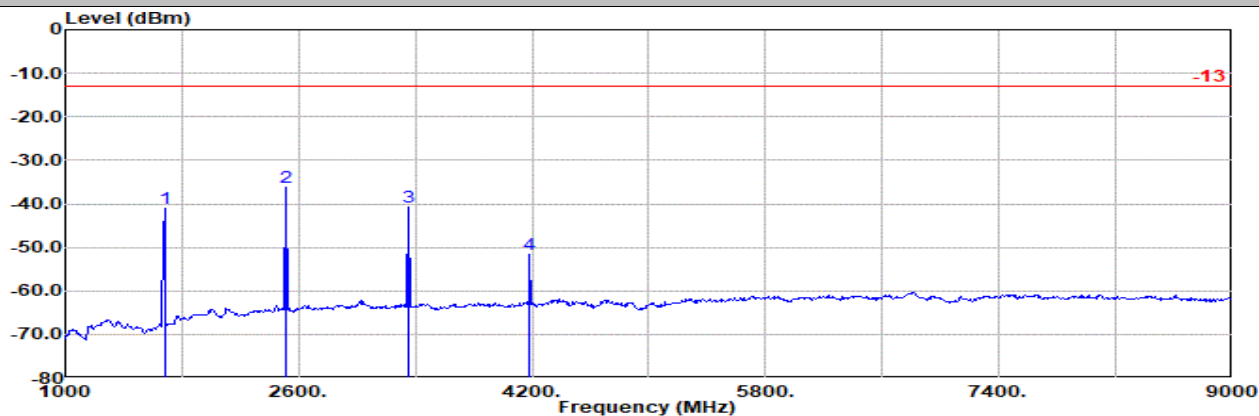
Ant. 5

Worst plane: TB (X) With Accessory

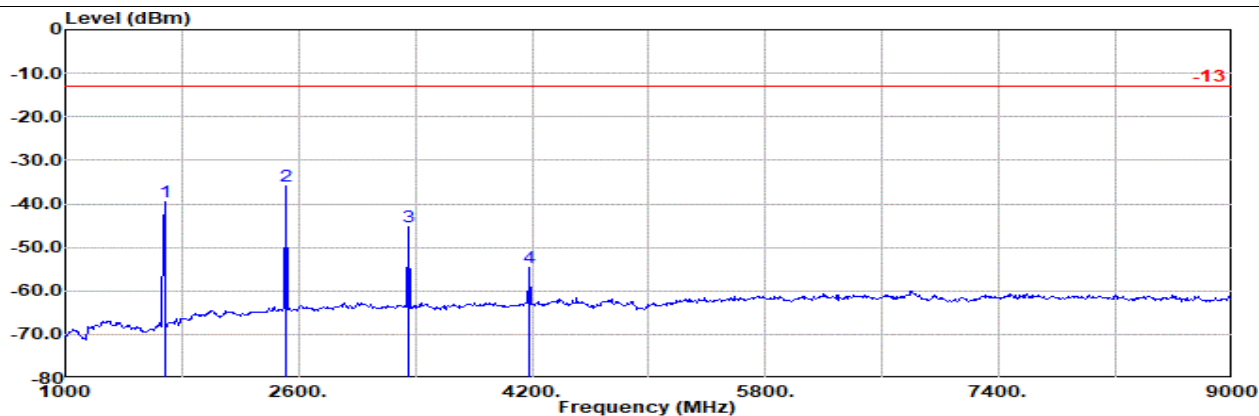
Part 22H Mode 3

GSM 850 Ch189

M



	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	1680.00	-41.18	RMS	28.70	-52.04	0.31	-95.23	77.08	-13.00	-28.18	Horizontal
2	2512.00	-36.21	RMS	32.42	-50.34	0.24	-95.23	76.70	-13.00	-23.21	Horizontal
3	3352.00	-40.66	RMS	32.91	-49.16	0.15	-95.23	70.67	-13.00	-27.66	Horizontal
4	4184.00	-51.70	RMS	33.63	-48.55	0.42	-95.23	58.03	-13.00	-38.70	Horizontal



	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	1680.00	-39.43	RMS	28.70	-52.04	0.31	-95.23	78.83	-13.00	-26.43	Vertical
2	2512.00	-35.79	RMS	32.42	-50.34	0.24	-95.23	77.12	-13.00	-22.79	Vertical
3	3352.00	-45.13	RMS	32.91	-49.16	0.15	-95.23	66.20	-13.00	-32.13	Vertical
4	4184.00	-54.62	RMS	33.63	-48.55	0.42	-95.23	55.11	-13.00	-41.62	Vertical



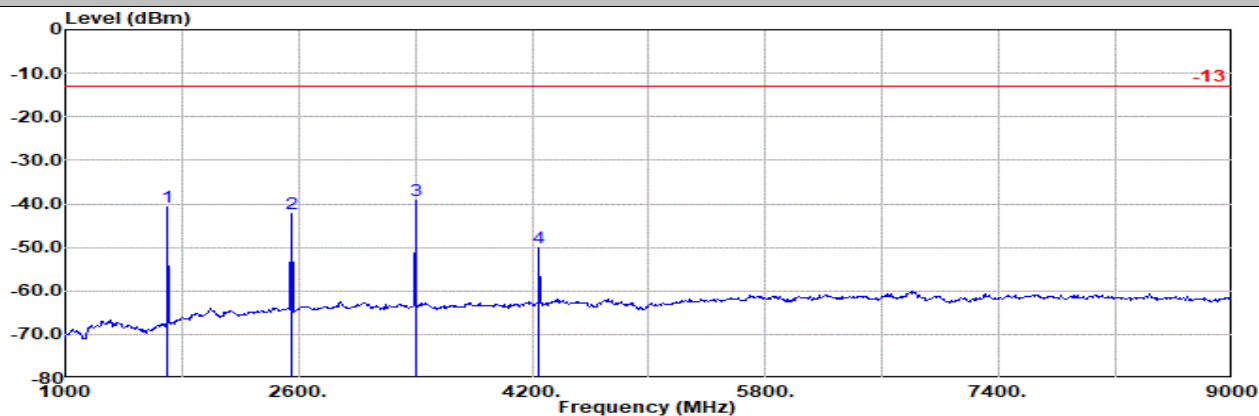
Ant. 5

Worst plane: TB (X) With Accessory

Part 22H Mode 3

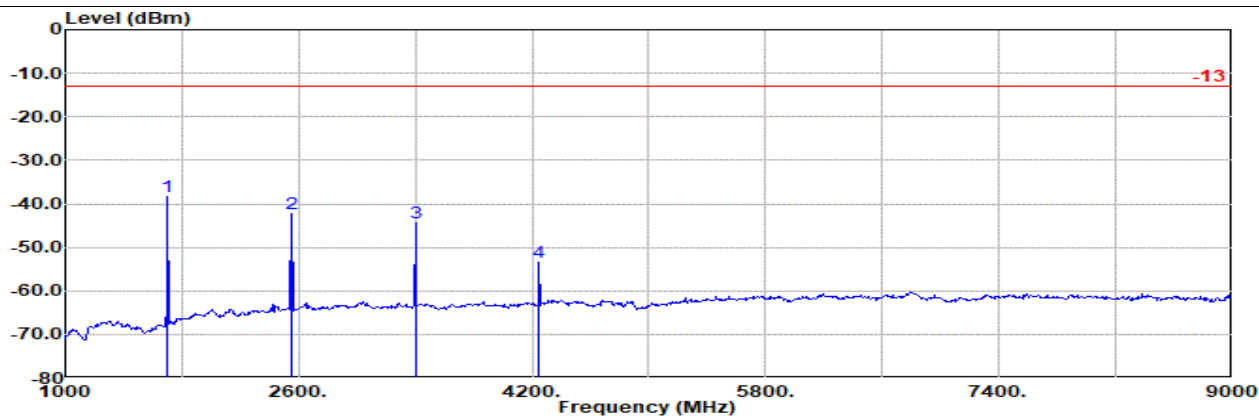
GSM 850 Ch251

H



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Horizontal
Mode : GSM 850_Ch251

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1704.00	-40.63	RMS	28.84	-51.98	0.31	-95.23	77.43	-13.00	-27.63	Horizontal
2	2552.00	-42.32	RMS	32.62	-50.26	0.19	-95.23	70.36	-13.00	-29.32	Horizontal
3	3400.00	-39.31	RMS	33.10	-49.13	0.15	-95.23	71.80	-13.00	-26.31	Horizontal
4	4248.00	-50.13	RMS	33.70	-48.41	0.37	-95.23	59.44	-13.00	-37.13	Horizontal



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Vertical
Mode : GSM 850_Ch251

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	1704.00	-38.41	RMS	28.84	-51.98	0.31	-95.23	79.65	-13.00	-25.41	Vertical
2	2552.00	-42.32	RMS	32.62	-50.26	0.19	-95.23	70.36	-13.00	-29.32	Vertical
3	3400.00	-44.29	RMS	33.10	-49.13	0.15	-95.23	66.82	-13.00	-31.29	Vertical
4	4248.00	-53.52	RMS	33.70	-48.41	0.37	-95.23	56.05	-13.00	-40.52	Vertical



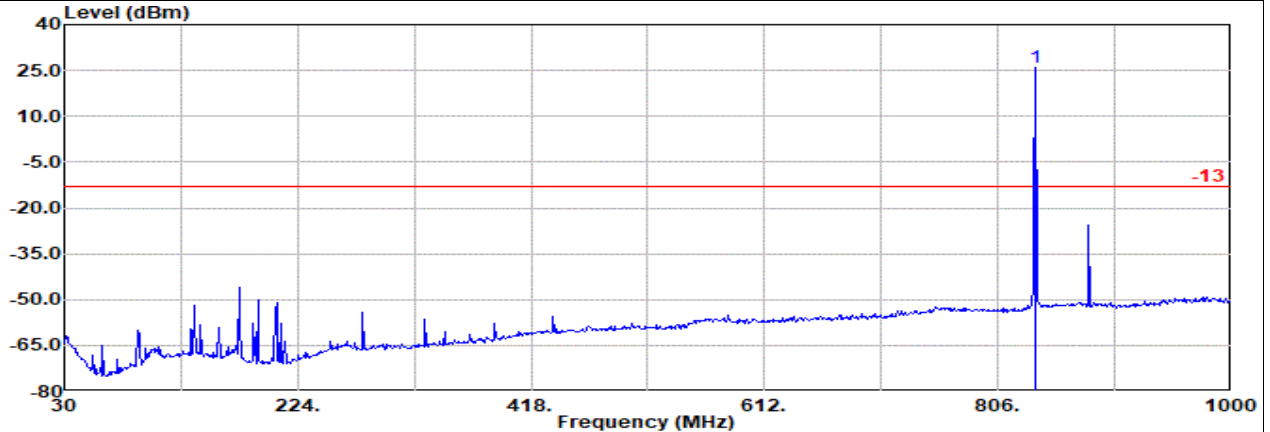
Ant. 5

Worst plane: TB (X) With Accessory

Part 22H Mode 3

GSM 850 Ch189

M



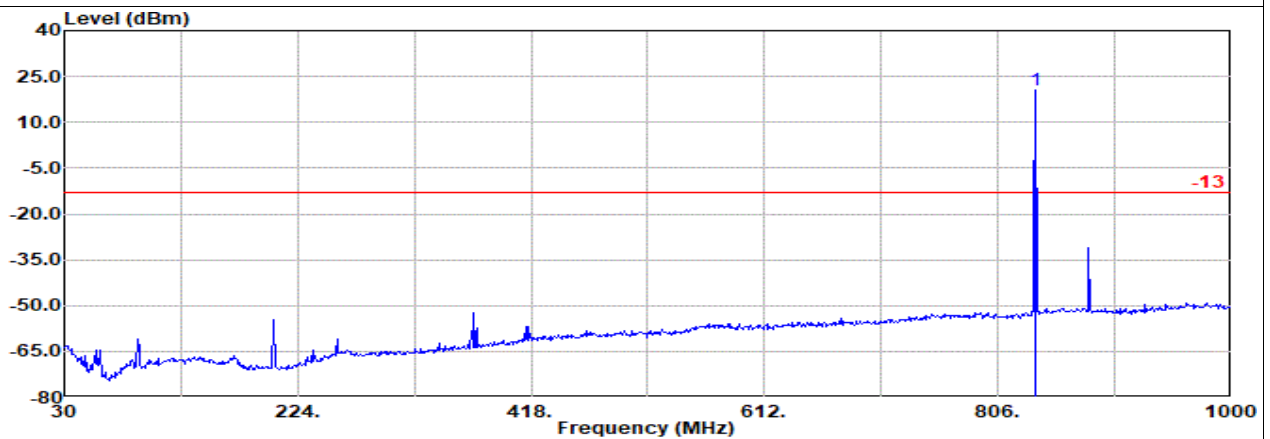
Site : 03CH07-HY

Condition: -13 3m Bilog_35419 Horizontal

Mode : GSM 850 CH189

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	836.40	26.00	RMS	28.35	5.17	0.00	-95.23	87.71	-13.00	39.00	Horizontal



Site : 03CH07-HY

Condition: -13 3m Bilog_35419 Vertical

Mode : GSM 850 CH189

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	836.40	20.47	RMS	28.35	5.17	0.00	-95.23	82.18	-13.00	33.47	Vertical

Remark: #1 is fundamental signal which can be ignored.