



# **FCC EMI TEST REPORT**

FCC ID	:	LHJ-FE5NA0010
Equipment	:	FE5NA0010, FE5NA0011
Brand Name	:	Continental
Model Name	:	FE5NA0010, FE5NA0011
Applicant	:	Continental Automotive Systems, Inc.
		21440 W Lake Cook Rd., Deer Park, IL 60010, USA
Manufacturer	:	Continental Automotive Systems, Inc.
		21440 W Lake Cook Rd., Deer Park, IL 60010, USA
Standard	:	FCC 47 CFR FCC Part 15 Subpart B Class B

The product was received on Mar. 15, 2023 and testing was performed from Apr. 11, 2023 to Apr. 11, 2023. 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 C63.4-2014 and has been in compliance with the applicable technical standards.

The test results in this variant 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
FC2N2201-01	01	Initial issue of report	Apr. 25, 2023
FC2N2201-01 02		Revise Summary note and Product Specification of Equipment Under Test This report is an updated version, replacing the report issued on Apr. 25, 2023.	Apr. 27, 2023



# **Summary of Test Result**

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.107	AC Conducted Emission	Not Required	
3.1	15.109	Radiated Emission	Pass	1.16 dB under the limit at 594.000 MHz for Quasi-Peak

#### Note:

1. Not required means after assessing, test items are not necessary to carry out.

2. This is a variant report by adding external antenna (Model: 42862899). All the test cases were performed on original report which can be referred to Sporton Report Number FC2N2201. Based on the original report, only worst case was verified.

#### Conformity Assessment Condition:

The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the 1. 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: Yun Huang**

**Report Producer: Clio Lo** 



### 1. General Description

### 1.1. Product Feature of Equipment Under Test

	Product Feature
Equipment	FE5NA0010, FE5NA0011
Brand Name	Continental
Model Name	FE5NA0010, FE5NA0011
FCC ID	LHJ-FE5NA0010
Installed into the Host	Equipment name: G12N510G1, G12N500G1 Brand name: Continental Model name: G12N510G1, G12N500G1
EUT supports Radios application	WCDMA/HSPA/LTE/5G NR/GNSS
EUT Stage	Identical Prototype

Remark: The above EUTs information was declared by manufacturer.

	Sample Information					
Sample	TA-code	L2/L5 GNSS	Band Difference			
1	FE5NA0010	Support	/			
2	FE5NA0011	Not Support	BOM change: depopulated passive components from the GNSS RF front-end			

### 1.2. Product Specification of Equipment Under Test

Product Specification is subject to this standard				
Tx Frequency	WCDMA Band V: 826.4 MHz ~ 846.6 MHz WCDMA Band IV : 1712.4 MHz ~ 1752.6 MHz WCDMA Band II: 1852.4 MHz ~ 1907.6 MHz LTE Band 2: 1850.7 MHz ~ 1909.3 MHz LTE Band 4: 1710.7 MHz ~ 1754.3 MHz LTE Band 5: 824.7 MHz ~ 848.3 MHz LTE Band 7: 2502.5 MHz ~ 848.3 MHz LTE Band 7: 2502.5 MHz ~ 2567.5 MHz LTE Band 12: 699.7 MHz ~ 715.3 MHz LTE Band 13: 779.5 MHz ~ 784.5 MHz LTE Band 14 :790.5 MHz ~ 795.5 MHz LTE Band 66: 1710.7 MHz ~ 795.5 MHz LTE Band 66: 1710.7 MHz ~ 1754.3 MHz LTE Band 71: 665.5 MHz ~ 695.5 MHz SG NR n2: 1852.5 MHz ~ 1907.5 MHz 5G NR n5: 826.5 MHz ~ 1912.5 MHz 5G NR n41: 2506.02 MHz ~ 2679.99 MHz 5G NR n66: 1712.5 MHz ~ 1777.5 MHz 5G NR n71: 668.0 MHz ~ 693.0 MHz 5G NR n77: 3700 MHz ~ 3980 MHz			



Product Specification is subject to this standard				
WCDMA Band V: 871.4 MHz ~ 891.6 MHz				
	WCDMA Band IV: 2112.4 MHz ~ 2152.6 MHz			
	WCDMA Band II: 1932.4 MHz ~ 1987.6 MHz			
	LTE Band 2: 1930.7 MHz ~ 1989.3 MHz			
	LTE Band 4: 2110.7 MHz ~ 2154.3 MHz			
	LTE Band 5: 869.7 MHz ~ 893.3 MHz			
	LTE Band 7: 2622.5 MHz ~ 2687.5 MHz			
	LTE Band 12: 729.7 MHz ~ 745.3 MHz			
	LTE Band 13: 748.5 MHz ~ 753.5 MHz			
	LTE Band 14: 760.5 MHz ~ 765.5 MHz			
	LTE Band 29: 718.5 MHz ~ 726.5 MHz			
Rx Frequency	LTE Band 30: 2352.5 MHz ~ 2357.5 MHz			
	LTE Band 66: 2110.7 MHz ~ 2154.3 MHz			
	LTE Band 71: 619.5 MHz ~ 649.5 MHz			
	5G NR n2: 1932.5 MHz ~ 1987.5 MHz			
	5G NR n5: 871.5 MHz ~ 891.5 MHz			
	5G NR n25: 1932.5 MHz ~ 1992.5 MHz			
	5G NR n41: 2506.02 MHz ~ 2679.99 MHz			
	5G NR n66: 1712.5 MHz ~ 1777.5 MHz			
	5G NR n71: 668.0 MHz ~ 693.0 MHz			
	5G NR n77: 3700 MHz ~ 3980 MHz			
	GNSS : 1559 MHz ~ 1610 MHz			
	(GPS / Glonass / BDS / Galileo / SBAS) WWAN:			
	<external (model:="" 86783279)="">:</external>			
	External Sharkfin Antenna + XM + Dual GNSS +5G			
	<pre><external (model:="" 42862899)="">:</external></pre>			
	external sharkfin antenna, sharkfin NA 5G+Dual GNSS+XM			
Antenna Type	<pre><internal>: TCP Antenna</internal></pre>			
	GNSS:			
	<pre><external (model:="" 86783279)="">:</external></pre>			
	External Sharkfin Antenna + XM + Dual GNSS +5G			
	<pre> External (Model: 42862899) &gt;: </pre>			
	external sharkfin antenna, sharkfin NA 5G+Dual GNSS+XM			
	WCDMA: QPSK (Uplink)			
	HSDPA: 64QAM (Downlink)			
	HSUPA : QPSK (Uplink)			
Type of Modulation	LTE: QPSK / 16QAM / 64QAM			
	5G NR: PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM			
	GNSS: BPSK			

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

### 1.3. Modification of EUT

No modifications made to the EUT during the testing.



### 1.4. Test Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory		
	No.52, Huaya 1st Rd., Guishan Dist.,		
Test Site Location	Taoyuan City 333, Taiwan (R.O.C.)		
lest Site Location	TEL: +886-3-327-3456		
	FAX: +886-3-328-4978		
Test Site No.	Sporton Site No.		
Test She NO.	03CH06-HY		

FCC designation No.: TW1093

### 1.5. Applicable Standards

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

- + FCC 47 CFR FCC Part 15 Subpart B Class B
- + ANSI C63.4-2014

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.

### 2. Test Configuration of Equipment Under Test

### 2.1. Test Mode

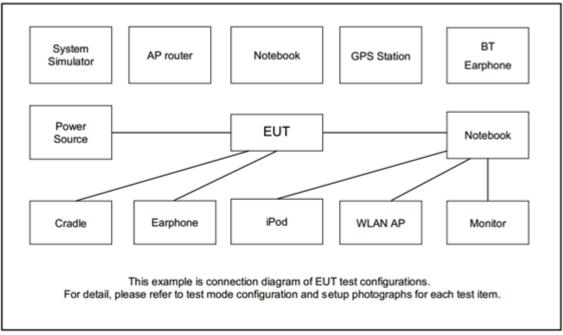
The EUT is tested along with the peripherals, operating under possible configurations in compliant with normal operation. The maximum emissions can be identified by a pre-scan carried out in different orientations of placement pursuant to ANSI C63.4-2014. Frequency range covered: Radiation Emission (30 MHz to the 5<sup>th</sup> harmonics of the highest fundamental frequency or to 40 GHz, whichever is lower).

Test Items	Functions Enabled
Radiated Emissions	Mode 1 : WCDMA Band II Idle (with External Antenna) + GPS Rx + TC for Sample 1 Mode 2 : LTE Band 12 Idle (with External Antenna) + GPS Rx + TC + DC 12V for Sample 1
i	

#### Remark:

- 1. The worst case of RE is mode 2; only the test data of this mode was reported.
- For Radiation Emission after pre-scanned the cellular band between 30MHz ~ 960MHz (LTE Band 12); only the worst case for cellular band test data of this mode was reported.
- TC stands for test configuration, and consists of EUT + "T Teddy Jr Load Box (X1 + X2) + Sharkfin Antenna with metal plate (X3) + Ethernet connector cable (X7) + Battery " + Teddy Jr Load Box, "Notebook (USB Cable \*2) + Adapter + DC Cable".

### 2.2. Connection Diagram of Test System





### 2.3. Support Unit used in test configuration and system

ltem	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	GPS Station	Pendulum	GSG-54	N/A	N/A	Unshielded, 1.8 m
3.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Teddy Jr Load Box	Continental	N/A	N/A	N/A	N/A
5.	Adapter	TePoo	PT-WC-03	N/A	N/A	N/A
6.	Metal Plate	N/A	N/A	N/A	N/A	N/A
7.	Sharkfin Antenna	Amphenol	42862899	N/A	N/A	N/A

### 2.4. EUT Operation Test Setup

The EUT is in WCDMA or LTE idle mode during the test. The EUT is synchronized with the BCCH, and has been continuous receiving mode by setting paging reorganization of the system simulator.

The following programs installed in the EUT are programmed during the test:

1. Execute "Ite\_x24\_hwtool\_0.6.24.exe" to make the EUT receive continuous signals from GPS station.



### 3. Test Result

### 3.1. Test of Radiated Emission Measurement

### 3.1.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

#### <Class B>

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

#### 3.1.2. Measuring Instruments

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

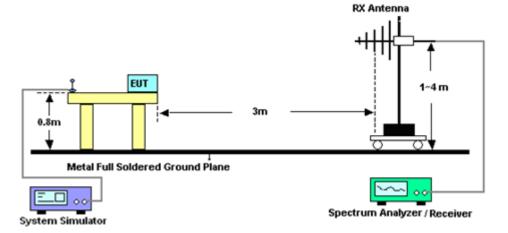
#### 3.1.3. Test Procedures

- 1. The EUT is placed on a turntable with 0.8 meter above ground.
- 2. The EUT is set 3 meters from the interference receiving antenna, which is mounted on the top of a variable height antenna tower.
- 3. The table is rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. For each suspected emission, the EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120 kHz/VBW=300 kHz for frequency below 1 GHz; RBW=1 MHz VBW=3 MHz (Peak), RBW=1 MHz/VBW=10 Hz (Average) for frequency above 1 GHz).
- 7. If the emission level of the EUT in peak mode is 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.

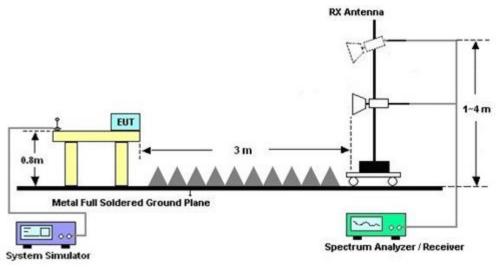


#### 3.1.4. Test Setup of Radiated Emission

#### For Radiated Emissions from 30 MHz to 1 GHz



#### For Radiated Emissions above 1GHz



#### 3.1.5. Test Result of Radiated Emission

Please refer to Appendix A.



# 4. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Amplifier	SONOMA	310N	186713	9kHz~1GHz	Apr. 28, 2022	Apr. 11, 2023	Apr. 27, 2023	Radiation (03CH06-HY)
Bilog Antenna	Schaffner	CBL 6111C & N-6-06	2725 & AT-N0601	30MHz~1GHz	Nov. 06, 2022	Apr. 11, 2023	Nov. 05, 2023	Radiation (03CH06-HY)
EMI Test Receiver	Rohde & Schw arz	ESU26	100472	20Hz~26.5GHz	Feb. 13, 2023	Apr. 11, 2023	Feb. 12, 2024	Radiation (03CH06-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02037	1GHz~18GHz	Dec. 30, 2022	Apr. 11, 2023	Dec. 29, 2023	Radiation (03CH06-HY)
Preamplifier	Jet-Pow er	JPA00101800-30 -10P	1601180001	1GHz~18GHz	Jul. 18, 2022	Apr. 11, 2023	Jul. 17, 2023	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SF102_7000mm	532299/2	30MHz to 40GHz	Jul. 04, 2022	Apr. 11, 2023	Jul. 03, 2023	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SF102_3000mm	532422/2	30MHz to 40GHz	Jul. 04, 2022	Apr. 11, 2023	Jul. 03, 2023	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SF102_2000mm	532421/2	30MHz to 40GHz	Jul. 04, 2022	Apr. 11, 2023	Jul. 03, 2023	Radiation (03CH06-HY)
RF Cable	HUBER + SUHNER	SF104	802433/4	30Mhz to 18Ghz	Aug. 18, 2022	Apr. 11, 2023	Aug. 17, 2023	Radiation (03CH06-HY)
Hygrometer	TECPEL	DTM-303B	TP210018	N/A	Oct. 27, 2022	Apr. 11, 2023	Oct. 26, 2023	Radiation (03CH06-HY)
Controller	INN-CO	EM1000	060782	Control Turn table & Ant Mast	N/A	Apr. 11, 2023	N/A	Radiation (03CH06-HY)
Antenna Mast	MF	MF-7802	MF780208212	1m~4m	N/A	Apr. 11, 2023	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0-360 degree	N/A	Apr. 11, 2023	N/A	Radiation (03CH06-HY)
Softw are	Audix	E3 6.2009-8-24(k5)	N/A	N/A	N/A	Apr. 11, 2023	N/A	Radiation (03CH06-HY)



### 5. Measurement Uncertainty

#### <u>Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)</u>

Measuring Uncertainty for a Level of Confidence	6.3 dB
of 95% (U = 2Uc(y))	0.3 UB

#### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence	4.6 dB
of 95% (U = 2Uc(y))	4.0 0.0

#### Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence	A E dP
of 95% (U = 2Uc(y))	4.5 dB



# Appendix A. Radiated Emission Test Result

Test Engineer	Dar Oh:		0.00		Temp	erat	ure	:	22~	25°C		
Test Engineer :	Bor-Shi	ang Hu	ang		Relati	ive H	lumi	idity	: 43~	47%		
Test Distance :	3m				Polar	izati	on :		Hori	izontal		
Remark :	#5 is sy	stem s	imulato	or signa	l which	n car	n be	ignor	ed.			
Emission level												
Factor(dB) = Ar							– Pi	reamp	Factor	or		
Corrected Read	evel (dBuV/m	, ,	+ Rea	ia Leve	I = Le\	/ei			Date	: 2023-04-	11 Tin	ne: 15:29:37
97		,										
84.9												
72.8											FC	C CLASS-B
12.0												-6dB
60.6												
												SS-B (AVG)
48.5	5					10		11		13		15 <u>-6dB</u>
Ľ,	-	8		9								
36.4	7			_						12		14
24.3	í III											
12.1												
0 <mark>111</mark> 30	1000.	30	00.	5000		700		1	9000.	11	000.	13000
Trace: Site	(Discrete)	020100	1.07		Freque	incy (w	<b>nz</b> )					
Condit		: 03CH06 : FCC CLA		m 9120D	02037	HOR	170					
Projec		2N2201		1200	_02007		1201					
Power		DC12V										
Memo	:	Mode 2										
	Fred	Level		Limit	Read	Facto		A/Pos	T/Pos	Remark		
-												
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB,	/m	cm	deg			
1	105.06	20.99	-22.51	43.50	34.18	-13.1	19			Peak		
2		30.21								Peak		
3		24.37				-9.0				Peak		
4! 5*	594.00 737.50	43.64 48.54	-2.36	46.00	45.80 47.71	-2.		100	355	QP Peak		
6	838.30		-15.28	46.00	28.21	2.				Peak		
7	951.70			46.00		5.3				Peak		
8 9	2740.00 4372.00			74.00 74.00						Peak Peak		
10	6716.00									Peak		
11	8572.00	47.73	-26.27	74.00	59.38	-11.	65			Peak		
12	10684.00							100		Average	2	
13 14	10684.00 11852.00					-7.4		100 100		Peak Average	2	
15	11852.00							100		Peak		

					Temp	erature	e :	22~	25°C		
est Engineer :	Bor-Shia	ang Hu	ang		Relati	ive Hur	nidity	: 43~	47%		
est Distance :	3m				Polar	ization	Ver	Vertical			
emark :	#5 is sy	stem s	imulato	or signa	l which	n can b	e ignor	ed.			
Emission level Factor(dB) = Ar Corrected Read	ntenna F	actor +	Cable	Loss +	Filter	loss –	Preamp	o Fact	or		
	evel (dBuV/m)							Date	: 2023-04	1-11 Tin	ne: 15:28:17
51											
84.9											
										500	C CLASS-B
72.8								_			-6dB
											042
60.6											SS-B (AVG)
	5							1	13		<u>1</u> 8dв
48.5	4		9			10					
			8						10		14
36.4	6										
<b>24.3</b>											
24.3											
12.1											
12.1											
o <sup>LL</sup>											
0 <mark></mark> 30		3(	000.	5000		7000. ency (MHz)		9000.	1'	1000.	1300
Trace:	(Discrete)			5000				9000.	1'	1000.	1300
	(Discrete) :	03CH06	5-HY	5000 m 9120D	Freque	ency (MHz)		9000.	1	1000.	1300
Trace: Site Conditi Projec:	(Discrete) : ion : t :	03CH06	5-НУ 455-В 3		Freque	ency (MHz)		9000.	1	1000.	1300
Trace: Site Conditi Projec Power	(Discrete) ion : t :	03CH06 FCC CL/ 2N2201 DC12V	5-НУ 455-В 3 1-01		Freque	ency (MHz)		9000.	1	1000.	1300
Trace: Site Conditi Projec:	(Discrete) ion : t :	03CH06 FCC CL/ 2N2201	5-HY 455-B 3 1-01	m 9120D	Freque _02037	ency (MHz)	CAL		1	1000.	1300
Trace: Site Conditi Projec Power	(Discrete) : ion : t : :	03CH00 FCC CL/ 2N2201 DC12V Mode 2	6-HY 455-B3 1-01 Over	m 9120D Limit	Freque _02037 Read	ncy (MHz)	CAL	9000. T/Pos	1 Remark		1300
Trace: Site Conditi Projec Power	(Discrete) ion : t : Freq	03CH06 FCC CL/ 2N2201 DC12V Mode 2 Level	5-HY ASS-B3 1-01 Over Limit	m 9120D Limit Line	Freque _02037 Read Level	VERTIC	A/Pos	T/Pos			1300
Trace: Site Conditi Projec Power	(Discrete) ion : t : Freq	03CH00 FCC CL/ 2N2201 DC12V Mode 2	5-HY ASS-B3 1-01 Over Limit	m 9120D Limit	Freque _02037 Read	ncy (MHz)	CAL				1300
Trace: Site Conditi Projec Power	(Discrete) ion : t : Freq MHz	03CH00 FCC CL/ 2N2201 DC12V Mode 2 Level dBuV/m	6-HY ASS-B3 I-O1 Over Limit dB	m 9120D Limit Line	Freque _02037 Read Level dBuV	Factor	CAL A/Pos cm	T/Pos 			1300
Trace: Site Condit: Projec: Power Memo 1 2	(Discrete) ion : t : Freq MHz 30.27 143.94	03CH06 FCC CL/ 2N2201 DC12V Mode 2 Level dBuV/m 24.89 23.81	5-HY ASS-B 3 I-O1 Over Limit dB -15.11 -19.69	m 9120D Limit Line dBuV/m 40.00 43.50	Freque _02037 Read Level dBuV 31.67 36.08	Factor dB/m -6.78 -12.27	CAL A/Pos 	T/Pos 	Remark Peak Peak		1300
Trace: Site Condit: Projec: Power Memo 1 2 3	(Discrete) ion : t : Freq MHz 30.27 143.94 197.94	03CH06 FCC CL/ 2N2201 DC12V Mode 2 Level dBuV/m 24.89 23.81 26.28	5-HY ASS-B 3 1-01 0ver Limit dB -15.11 -19.69 -17.22	m 9120D Limit Line dBuV/m 40.00 43.50 43.50	Freque _02037 Read Level dBuV 31.67 36.08 40.64	Factor -6.78 -12.27 -14.36	CAL A/Pos 	T/Pos deg  	Remark Peak Peak Peak		1300
Trace: Site Condit: Projec: Power Memo 1 2	(Discrete) ion : t : Freq MHz 30.27 143.94 197.94	03CH00 FCC CL/ 2N2201 DC12V Mode 2 Level dBuV/m 24.89 23.81 26.28 44.84	5-HY ASS-B 3 1-01 0ver Limit dB -15.11 -19.69 -17.22	m 9120D Limit Line dBuV/m 40.00 43.50	Freque _02037 Read Level dBuV 31.67 36.08 40.64 47.00	Factor dB/m -6.78 -12.27 -14.36 -2.16	CAL A/Pos 	T/Pos deg   124	Remark Peak Peak Peak		1300
Trace: Site Condit: Projec: Power Memo 1 2 3 4 !	(Discrete) ion : t : Freq MHz 30.27 143.94 197.94 594.00	03CH00 FCC CL/ 2N2201 DC12V Mode 2 Leve1 dBuV/m 24.89 23.81 26.28 44.84 47.82	5-HY ASS-B 3 1-01 0ver Limit dB -15.11 -19.69 -17.22	m 9120D Limit Line dBuV/m 40.00 43.50 43.50 46.00	Freque _02037 Read Level dBuV 31.67 36.08 40.64	Factor dB/m -6.78 -12.27 -14.36 -2.16	CAL A/Pos 	T/Pos deg   124 	Remark Peak Peak Peak QP		1300
Trace: Site Condit: Projec: Power Memo 1 2 3 4 ! 5 * 6 7	(Discrete) ion : t : Freq MHz 30.27 143.94 197.94 594.00 737.50 830.60 957.30	03CH00 FCC CL/ 2N2201 DC12V Mode 2 Leve1 dBuV/m 24.89 23.81 26.28 44.84 47.82 30.71 33.48	6-HY ASS-B 3 I-O1 Over Limit -15.11 -19.69 -17.22 -1.16 -15.29 -12.52	m 9120D Limit Line dBuV/m 40.00 43.50 43.50 46.00 46.00	Freque _02037 Read Level dBuV 31.67 36.08 40.64 47.00 46.99 28.47 28.15	Factor -6.78 -2.16 -2.16 -2.33	A/Pos	T/Pos deg  124 	Remark Peak Peak Peak QP Peak Peak Peak		1300
Trace: Site Conditi Projec: Power Memo 1 2 3 4 ! 5 * 6 7 8	(Discrete) ion : t : Freq MHz 30.27 143.94 197.94 594.00 737.50 830.60 957.30 2984.00	03CH00 FCC CL/ 2N2201 DC12V Mode 2 Leve1 dBuV/m 24.89 23.81 26.28 44.84 47.82 30.71 33.48 39.63	6-HY ASS-B 3 L-O1 0ver Limit -15.11 -19.69 -17.22 -1.16 -15.29 -12.52 -34.37	m 9120D Limit Line dBuV/m 40.00 43.50 43.50 46.00 46.00 74.00	Freque _02037 Read Level dBuV 31.67 36.08 40.64 47.00 46.99 28.47 28.15 63.74	Factor -6.78 -12.27 -14.36 -2.16 0.83 2.24 5.33 -24.11	A/Pos	T/Pos deg  124  	Remark Peak Peak Peak QP Peak Peak Peak Peak		1300
Trace: Site Condit: Projec: Power Memo 1 2 3 4 ! 5 * 6 7	(Discrete) ion : t : Freq MHz 30.27 143.94 197.94 594.00 737.50 830.60 957.30	03CH00 FCC CL/ 2N2201 DC12V Mode 2 Level dBuV/m 24.89 23.81 26.28 44.84 47.82 30.71 33.48 39.63 46.39	6-HY ASS-B 3 L-O1 0ver Limit -15.11 -19.69 -17.22 -1.16 -15.29 -12.52 -34.37 -27.61	m 9120D Limit Line dBuV/m 40.00 43.50 46.00 46.00 46.00 74.00 74.00	Freque _02037 Read Level dBuV 31.67 36.08 40.64 47.00 46.99 28.47 28.15 63.74 70.01	Factor -6.78 -2.16 0.83 2.24 5.33 -24.11 -23.62	A/Pos	T/Pos deg   124   	Remark Peak Peak Peak QP Peak Peak Peak		1300
Trace: Site Conditi Projec: Power Memo - 1 2 3 4 ! 5 * 6 7 8 9 10 11	(Discrete) : ion : t : Freq MHz 30.27 143.94 197.94 594.00 737.50 830.60 957.30 2984.00 3100.00 6566.00 8752.00	03CH00 FCC CL/ 2N2201 DC12V Mode 2 Leve1 dBuV/m 24.89 23.81 26.28 44.84 47.82 30.71 33.48 39.63 46.39 46.47 47.59	5-HY ASS-B 3 I-01 Uver Limit -15.11 -19.69 -17.22 -1.16 -15.29 -12.52 -34.37 -27.61 -27.53 -26.41	m 9120D Limit Line dBuV/m 40.00 43.50 43.50 46.00 46.00 74.00 74.00 74.00	Freque 02037 Read Leve1 dBuV 31.67 36.08 40.64 47.00 46.99 28.47 28.15 63.74 70.01 60.47 58.77	Factor -6.78 -12.27 -14.36 -2.16 0.83 2.24 5.33 -24.11 -23.62 -14.00 -11.18	A/Pos 	T/Pos deg  124     	Remark Peak Peak Peak Peak Peak Peak Peak Pea	<u> </u>	1300
Trace: Site Conditi Projec: Power Memo 1 2 3 4 ! 5 * 6 7 8 9 10 11 12	(Discrete) ion : t : Freq MHz 30.27 143.94 197.94 594.00 737.50 830.60 957.30 2984.00 3100.00 6566.00 8752.00 10674.00	03CH00 FCC CL/ 2N2201 DC12V Mode 2 Level dBuV/m 24.89 23.81 26.28 44.84 47.82 30.71 33.48 39.63 46.39 46.47 47.59 35.36	5-HY ASS-B 3 I-01 0ver Limit -15.11 -19.69 -17.22 -1.16 -15.29 -12.52 -34.37 -27.61 -27.53 -26.41 -18.64	m 9120D Limit Line dBuV/m 40.00 43.50 43.50 46.00 46.00 74.00 74.00 74.00 54.00	Freque _02037 Read Level dBuV 31.67 36.08 40.64 47.00 46.99 28.45 63.74 70.01 60.47 58.77 42.79	Factor -6.78 -12.27 -14.36 -2.16 0.83 -2.4 5.33 -24.11 -23.62 -14.00 -11.18 -7.43	A/Pos 	T/Pos deg  124  124  288	Remark Peak Peak Peak Peak Peak Peak Peak Pea	<u> </u>	1300
Trace: Site Conditi Projec: Power Memo - - 1 2 3 4 ! 5 * 6 7 8 9 10 11 12 13	(Discrete) : ion : t : Freq MHz 30.27 143.94 197.94 594.00 737.50 830.60 957.30 2984.00 3100.00 6566.00 8752.00	03CH00 FCC CL/ 2N2201 DC12V Mode 2 Level dBuV/m 24.89 23.81 26.28 44.84 47.82 30.71 33.48 39.63 346.39 46.47 47.59 35.36 50.02	5-HY ASS-B 3 I-01 0ver Limit -15.11 -19.69 -17.22 -1.16 -15.29 -12.52 -34.37 -27.61 -27.53 -26.41 -18.64 -23.98	m 9120D Limit Line dBuV/m 40.00 43.50 43.50 46.00 46.00 74.00 74.00 74.00 54.00 74.00	Freque _02037 Read Level dBuV 31.67 36.08 40.64 47.00 46.99 28.47 28.15 63.74 70.01 60.47 58.77 42.79 57.45	Factor -6.78 -12.27 -14.36 -2.16 0.83 -2.4 5.33 -24.11 -23.62 -14.00 -11.18 -7.43 -7.43	A/Pos 	T/Pos deg  124   288 288	Remark Peak Peak Peak Peak Peak Peak Peak Pea	c	1300