

SAMSUNG ELECTRONICS Co., Ltd., Regulatory Compliance Group IT R&D Center 416 Maetan3-Dong, Yeongtong-gu, Suwon city, Gyeonggi-Do, Korea 443-742

FCC CFR47 PART 22 & 24 SUBPART CERTIFICATION REPORT

Model Tested:	GT-N7100
Additional Model:	GT-N7100T
FCC ID (Requested):	A3LGTN7100
Report No:	FJ-284-R2
Job No:	FJ-284
Date issued:	Oct 29, 2012

- Abstract – All measurement reported here in accordance with FCC Rules, 47CFR Part2, Part22, Part24

Prepared By

HK LEE – Test Engineer

Authorized By

WT JANG – Technical Manager

© Copyright SAMSUNG Electronics 2012



TABLE OF CONTENT

MEASUREMENT REPORT Page 5. FCC 3G MEASUREMENT PROCEDURES7 5.2 Radiated Spurious & Harmonic Emission9 5.3 Occupied Bandwidth11 5.4 Peak-Average Ratio......11 5.5 Spurious and Harmonic Emissions at Antenna Terminal11 5.5.1 Occupied Bandwidth Emission Limits11 6.4 PCS WCDMA Radiated Spurious & Harmonic measurement......18 6.5.1 Cellular WCDMA Frequency Stability Table19 6.5.2 PCS WCDMA Frequency Stability Table20 6.5.4 PCS WCDMA Frequency Stability Graph......23



MEASUREMENT REPORT

1. FCC Certification Information

The following information is in accordance with FCC Rules, 47CFR Part2, Subpart J, Sections 2.1033 – 2.1055.

1.1 §2.1033 General Information

 Applicant Name: Address:	SAMSUNG ELECTRONICS CO., LTD. 416 Maetan3-Dong, Yeongtong-gu, Suwon City Gyeonggi-Do, Korea 443-742
FCC ID:Model:	A3LGTN7100 GT-N7100
Quantity:	Quantity production is planned
Emission Designators:	4M10F9W(Cellular WCDMA),4M10F9W(PCS WCDMA)
Tx Freq. Range:	826.4 - 846.6 MHz (Cellular WCDMA)
	1852.4 - 1907.6 MHz (PCS WCDMA)
Rx Freq. Range:	871.4 - 891.6 MHz (Cellular WCDMA)
	1932.4 - 1987.6 MHz (PCS WCDMA)
Max. Power Rating:	0.046 W Cellular WCDMA (16.63 dBm)
Max. I ower realing.	0.207 W PCS WCDMA(23.17 dBm)
 FCC Classification(s): 	Licensed Portable Tx Held to Ear (PCE)
Equipment (EUT) Type	Portable Handset
Device Capabilities	850/1900 GSM/GPRS/EDGE and Cellular/PCS WCDMA/HSPA
	Phone with Bluetooth and WLAN, NFC
 Modulation(s): 	WCDMA
Frequency Tolerance:	±0.00025% (2.5ppm)
FCC Rule Part(s):	\$24(E), \$22(H), \$2 .
Dates of Test:	October 12-13, 2012
Place of Test:	SAMSUNG Lab,
Test Report S/N:	FJ-284-R2



2. INTRODUCTION

2.1 General

These measurement test were conducted at **SAMSUNG ELECTRONICS CO., LTD(SUWON)**. The site address is 416 Maetan3-Dong, Yeongtong-gu, Suwon City, Gyeonggi-Do, Korea 443-742 The site have 1 Fully-anechoic chamber and measurement facility.



Figure1. Map of the Suwon City area.

Measurement Procedure

The radiated and spurious measurements were made Fully-anechoic chamber at a 3-meter test range (see Figure2). The equipment under testing was placed on the rotating device at the same height and at a distance of 3-meters from the receive antenna. The rotating device which can rotate horizontal axis was mounted on the turn unit to facilitate rotation around a vertical axis. The measurement was made for each horizontal/vertical position combination with receive antenna horizontally polarized. This measurement was repeated with receive antenna vertically polarized.

The substitution antenna will replace the EUT antenna it the same position and in vertical polarization. The frequency of the signal generator shall be set to the frequencies that were measured on the EUT. The signal generator, output level, shall be adjusted until an equal or a known related level to what was measured from the EUT is obtained in the spectrum analyzer.

This level was recorded. For readings above 1 GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic antenna are taken into consideration.

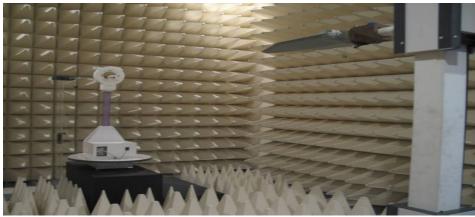


Figure 2. Photograph of 3m Fully-Anechoic Chamber



3. MEASURING INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

- End of page -



4. TEST EQUIPMENT LIST

Name Of Equipment	Model	Serial No.	Cal. Date	Due Date
Spectrum Analyzer	ESI26	836119/010	2012-10-18	2013-10-18
	E4440A(3Hz~26.5GHz)	MY46187454	2012-03-14	2013-03-14
	E4440A(3Hz~26.5GHz)	MY41000236	2012-04-26	2013-04-26
Signal Generator	SMR20	835197/030	2011-12-01	2012-12-01
Network Analyzer	8753E	JP38160590	2012-06-19	2013-06-19
Pre-Amplifier	8449B	3008A00691	2011-12-09	2012-12-09
Communication test set	E5515C	MY47510060	2012-03-05	2013-03-05
	E5515C	GB42360886	2012-08-20	2013-08-20
Controller	CO2000	CO2000/424	Not Required	Not Required
Turn Unit	CT0800	CT0800/057	Not Required	Not Required
Rotating Device	DE3600-RH-PR	DE3600-RH- PR/050	Not Required	Not Required
Antenna Master	MA4000	MA4000/204	Not Required	Not Required
Horn Antenna	HF906	100134	2012-08-13	2014-08-13
	BBHA9120	9120D-637	2011-09-14	2013-09-14
Dipole Antenna	UHA 9105	9105-2412	2011-09-09	2013-09-09
	UHA 9105	9105-2413	2012-07-20	2014-07-20
Receive Antenna	HL040	353255/019	2011-09-05	2013-09-05
Power Supply	E3640A	MY40003594	2012-06-19	2013-06-19
	E3640A	MY40003595	2012-05-16	2013-05-16
	E3632A	MY40022438	2012-03-02	2013-03-02
Divider	11636B	58456	2012-04-03	2013-04-03
	11636B	51942	2012-07-11	2013-07-11
	11636B	58459	2012-04-03	2013-04-03
	11636B	56918	2012-09-24	2013-09-24
High Pass Filter	WHK/3.0/18G-10SS	492	2012-04-09	2013-04-09
	WHK/3.5/18G-10SS	4	2012-04-09	2013-04-09
Environmental Chamber	SH-241	92000548	2011-11-14	2012-11-14
	SH-241	92000549	2011-11-14	2012-11-14
Shielded Fully Anechoic Chamber	CHAMBER	ANT0001	Not Required	Not Required



5. FCC 3G MEASUREMENT PROCEDURES

The maximum output power is a measure of the maximum power the UE can transmit (i.e. the actual power as would be measured assuming no measurement error) in a band width of at least $(1+\alpha)$ times the chip rate of the radio access mode

The default test configuration is configure an established radio link between the UE and a communication test set using a12.2kbps RMC (reference measurement channel) configurated in Test Loop Mode 1. Maximum output is verified according to 3GPP TS 34.121 Section 5.2

- 1. Configure TCP (Transmit Power Control) set to "All 1"S.
- 2. RMC and AMR connections at 12.2kbps are measured under 3.4kbps SRB (signaling radio bearer)
- 3. Measure the mean power of the UE in a bandwidth of at least $(1+\alpha)$ times the chip rate o the radio access mode. The mean power shall be averaged over at least one timeslot.



5.1 Effective Radiated Power / Equivalent Isotropic Radiated Power

Test Set-up for the ERP/EIRP TEST

Effective Radiated Power Output and Equivalent Isotropic Radiated Power output Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004

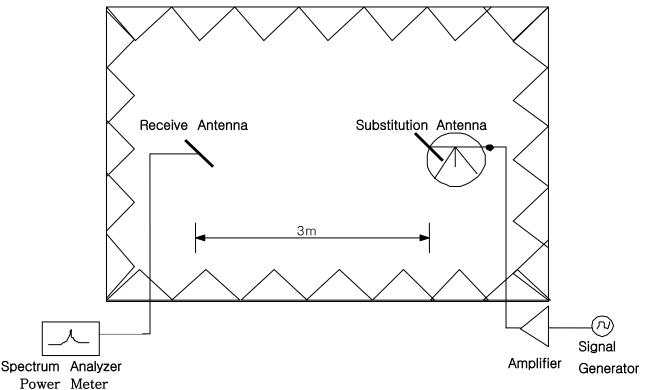


Figure 3. Diagram of ERP/EIRP test Set-up

The EUT was placed on the rotating device at 3-meters from the receive antenna and tested in 3 orthogonal planes. The turn unit and rotating device was adjusted for the highest reading on the receive spectrum analyzer. For WCDMA signals, an average detector is used, with RBW=VBW=5MHz, SPAN=10MHz. A half-wave dipole was substituted in place of the EUT. This dipole antenna and Horn antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. The conducted power at the terminals of dipole is measured. The ERP and EIRP are recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.



5.2 Radiated Spurious & Harmonic Emission

Test Set-up for the Radiated Emission TEST

Radiated Spurious Emission Measurements by Substitution Method according to

ANSI/TIA/EIA-603-C-2004

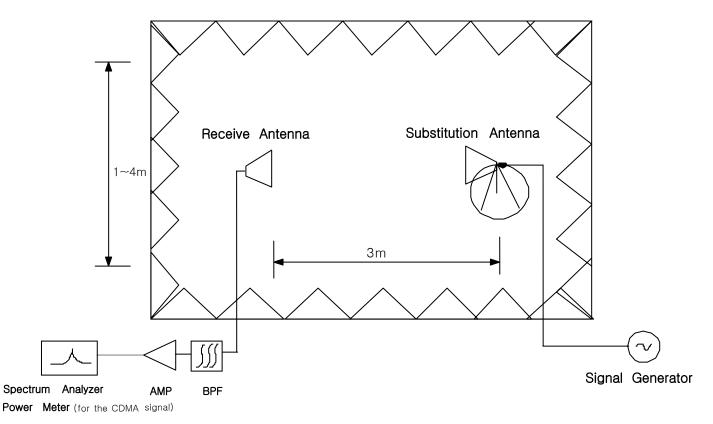


Figure 4. Diagram of Radiated Spurious & Harmonic test Set-up

The EUT was placed on the rotating device at 3-meters from the receive antenna and tested in 3 orthogonal planes. The turn unit and rotating device was adjusted for the highest reading on the receive spectrum analyzer. The Spectrum was investigated from 30MHz to the 10th Harmonic of the fundamental. A peak detector is used, with RBW=VBW=1MHz. The value that we could measure was only reported. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal generator was adjusted to obtain the same receive spectrum analyzer reading. This spurious level is recorded. For readings above 1GHz, the above procedure is repeated using horn antennas and the difference between the gain of the horn and an isotropic or dipole antenna are taken into consideration.

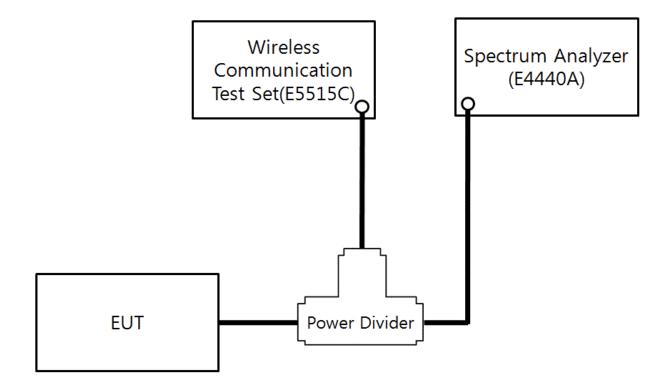


SAMPLE CALCULATION Example: Channel 600 PCS Mode 2nd Harmonic(3760MHz)

The receive analyzer reading at 3meters with the EUT on the turntable was -81.0dBm. The gain of the substituted antenna is 8.1dBi. The signal generator connected to the substituted antenna terminals is adjusted to produce a reading of -81.0dBm of the receive analyzer. The loss of the cable between the signal generator and the terminals of the substituted antenna is 2.0dB at 3760MHz. So 6.1dB is added to the signal generator reading of -30.9dBm yielding -24.8dBm. The fundamental EIRP was 25.5dBm so this harmonic was 25.5dBm -(-24.8)=50.3dBc.

- End of page -

*** RF Conduction Test set-up**





5.3 Occupied Bandwidth

Test Procedure

The EUT was setup to maximum output power at its lowest channel. The occupied bandwidth was measured using a spectrum analyzer. The measurements are repeated for the highest and a middle channel. The EUT's occupied bandwidth is measured as the width of the signal between two points, one below the carrier center frequency and one above the carrier frequency, outside of which all emissions are attenuated at least 26dB below the transmitter power. Plots of the EUT's occupied bandwidth are shown herein.

5.4 Peak-Average Ratio

A peak to average ratio measurement is performed at the conducted port of the EUT. For WCDMA signals, the spectrum analyzers Complementary Cumulative Distribution Function(CCDF) measurement profile is used to determine the largest deviation between the An average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level. For GSM signals, and a peak trace are used on a spectrum analyzer to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth.

5.5 Spurious and Harmonic Emissions at Antenna Terminal

5.5.1 Occupied Bandwidth Emission Limits

Part 24

- (a) The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic
- (b) On any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least 43 + 10 log(P) dB
- (c) Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1MHz 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. 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 emission are attenuated at least 26 dB below the transmitter power.



Part 22

- (a) Out of band emissions. The power of any emission outside of the author-ized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.
- (b) Measurement procedure. Compli-ance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution band-width of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution band-width is permitted in all cases to im-prove measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 100 kHz or 1 percent of emis-sion bandwidth, as specified). 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 fre-quency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

BLOCK	Freq. Range (MHz) Transmitter (Tx)	Freq. Range (MHz) Receiver (Rx)
A	1850 – 1865	1930 – 1945
В	1870 – 1885	1950 – 1965
С	1895 – 1910	1975 – 1990
D	1865 – 1870	1945 – 1950
E	1885 – 1890	1965 – 1970
F	1890 – 1895	1970 – 1975

Table 1. Broadband PCS Service Frequency Blocks

BLOCK	Freq. Range (MHz) Transmitter (Tx)	Freq. Range (MHz) Receiver (Rx)
A* Low + A	824 – 835	869 – 880
В	835 – 845	880 – 890
A* High	845 – 846.5	890 – 891.5
B*	846.5 – 849	891.5 – 894

Table 2. Cellular Service Frequency Blocks



5.5.2 Conducted Spurious Emission

Minimum standard:

On any frequency outside a license frequency block, the power of any emission shall be attenuated below the transmitter power(P) by at least 43+10log (P)dB. Limit equivalent to -13dBm, calculation shown below.

43 + 10log (0.333 W) = 38.22dB 25.22 dBm -38.22 dB = -13 dBm

Test Procedure:

The EUT was setup to maximum output power at its lowest channel. The Resolution BW of the analyzer is set to 1% of the emission bandwidth to show compliance with the –13dBm limit, in the 1MHz bands immediately outside and adjacent to the edge of the frequency block. The measurements are repeated for the EUT's highest channel. For the Out-of-Band measurements a 1MHz RBW was used to scan from 10MHz to 10GHz. (PCS Mode : 10MHz to 20GHz). A display line was placed at –13dBm to show compliance. The high, lowest and a middle channel were tested for out of band measurements.

Plots are shown herein.



5.6 Frequency Stability / Temperature Variation

The frequency stability of the transmitter is measured by:

- a.) Temperature: The temperature is carried from -30°C to +50°C using an environmental chamber.
- b.) Primary Supply Voltage: The primary supply voltage is varied from 85% to 115% of the voltage normally at the input to the device or at the power supply terminals if cables are not normally supplied.

Specification- The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ± 0.00025 (± 2.5 ppm) of the center frequency.

Time Period and Procedure:

- 1. The carrier frequency of the transmitter and the individual oscillators is measured at room temperature(25°C to 27°C to provide a reference).
- 2. The equipment is subjected to an overnight "soak" at -30°C without any power applied.
- 3. After the overnight "soak" at -30°C (Usually 14~16 hours), the equipment is turned on in a "standby" condition for one minute before applying power to the transmitter. Measurement of the carrier frequency of the transmitter and the individual oscillators is made within a three minute interval after applying to the transmitter.
- 4. Frequency measurements are made at 10°C interval up to room temperature. At least a period of one and one half-hour is provided to allow stabilization of the equipment at each temperature level.
- 5. Again the transmitter carrier frequency and the individual oscillators is measured at room temperature to begin measurement of the upper temperature levels.
- 6. Frequency measurements are at 10 intervals starting at -30°C up to +50°C allowing at least two hours at each temperature for stabilization. In all measurements the frequency is measured within three minutes after re-applying power to the transmitter.
- 7. The artificial load is mounted external to the temperature chamber.

NOTE : The EUT is tested down to the battery endpoint.

- End of page -



6. TEST DATA

6.1 Effective Radiated Power(E.R.P.)

Supply Voltage : 3.7VDC

Modulation : Cellular WCDMA

Result

Frequency (MHz)	Tested level [dBm]	Substitute Level [dBm]	Antenna Gain [dBd]	Polarization [H/V)	ERP [dBm]	ERP [W]	Battery
826.4	-21.19	16.03	-1.95	Н	14.08	0.026	Standard
836.6	-21.83	16.94	-1.72	Н	15.22	0.033	Standard
846.6	-22.02	18.21	-1.58	Н	16.63	0.046	Standard

NOTE : Standard batteries are the only battery options for this phone

- All modes of operation were investigated, and the worst-case results are reported.

Radiated measurements at 3 meters by Substitution Method



6.2 Equivalent Isotropic Radiated Power(E.I.R.P.)

Supply Voltage : 3.7VDC

Modulation : PCS WCDMA

Result

Frequency (MHz)	Tested level [dBm]	Substitute Level [dBm]	Antenna Gain [dBi]	Polarization [H/V)	EIRP [dBm]	EIRP [W]	Battery
1852.4	-27.09	12.31	10.16	V	22.47	0.177	Standard
1880.0	-27.02	13.01	10.16	V	23.17	0.207	Standard
1907.6	-27.94	11.80	10.16	V	21.96	0.157	Standard

NOTE : Standard batteries are the only battery options for this phone

- All modes of operation were investigated, and the worst-case results are reported.

Radiated measurements at 3 meters by Substitution Method



6.3 Cellular WCDMA Radiated Spurious & Harmonic measurement

Operating Frequency : 826.4 MHz(Low), 836.4 MHz(Middle), 846.6 MHz(High) Measured Output Power : 16.63 dBm = 0.046 W Modulation Signal : CDMA

Limit : 43 + 10log₁₀(P) = 29.63 dBc

Result(dBc) = Output Power(ERP, dBm) - Spurious Emission Level(dBm) **Result**

Channel	Frequency (MHz)	Level @ Antenna Terminals (dBm)	Substitute Antenna Gain (dBd)	Spurious Emission level (dBm)	POL (H/V)	Result (dBc)
	1652.80	-55.13	9.40	-45.73	Н	62.36
	2479.20	-53.99	10.60	-43.39	Н	60.02
4132	3305.60	-56.05	12.00	-44.05	Н	60.68
4152	4132.00	-	-	-	-	-
	4958.40	-	-	-	-	-
	5784.80	-	-	-	-	-
	1672.80	-57.65	9.40	-48.25	Н	64.88
	2509.20	-57.63	10.60	-47.03	Н	63.66
4175	3345.60	-55.78	12.00	-43.78	Н	60.41
4175	4182.00	-	-	-	-	-
	5018.40	-	-	-	-	-
	5854.80	-	-	-	-	-
	1693.20	-56.92	9.40	-47.52	V	64.15
	2539.80	-55.93	10.60	-45.33	Н	61.96
4233	3386.40	-55.46	12.00	-43.46	Н	60.09
4233	4233.00	-	-	-	-	-
	5079.60	-	-	-	-	-
	5926.20	-	-	-	-	-

NOTE :

1. "-" Indicates the spurious emission could not be detected due to noise limitations or ambients.

2. The spectrum is measured from 30MHz to the 10th harmonic and All modes of operation were investigated, and the worst-case results are reported..

Radiated Spurious Emission measurements at 3 meters by Substitution Method

Report Number : FJ-284-R2



6.4 PCS WCDMA Radiated Spurious & Harmonic measurement

Operating Frequency : 1852.4 MHz(Low), 1880.00 MHz(Middle), 1907.60 MHz(High) Measured Output Power : 23.17 dBm = 0.207 W Modulation Signal : PCS

Limit : 43 + 10log₁₀(P) = 36.17dBc

Result

Channel	Frequency (MHz)	Level @ Antenna Terminals (dBm)	Substitute Antenna Gain (dBi)	Spurious Emission level (dBm	POL (H/V)	Result (dBc)
	3704.80	-50.45	12.60	-37.85	V	61.02
	5557.20	-46.28	12.50	-33.78	V	56.95
9262	7409.60	-43.02	11.50	-31.52	V	54.69
9202	9262.00	-	-	-	-	-
	11114.40	-	-	-	-	-
	12966.80	-	-	-	-	-
	3760.00	-50.49	12.60	-37.89	V	61.06
	5640.00	-47.76	12.50	-35.26	н	58.43
9400	7520.00	-42.03	11.50	-30.53	н	53.70
9400	9400.00	-	-	-	-	-
	11280.00	-	-	-	-	-
	13160.00	-	-	-	-	-
	3815.20	-49.90	12.60	-37.30	V	60.47
	5722.80	-47.46	12.50	-34.96	V	58.13
0520	7630.40	-43.33	11.50	-31.83	V	55.00
9538	9538.00	-	-	-	-	-
	11445.60	-	-	-	-	-
	13353.20	-	-	-	-	-

NOTE :

1. "-" Indicates the spurious emission could not be detected due to noise limitations or ambients.

2. The spectrum is measured from 30MHz to the 10th harmonic and All modes of operation were investigated, and the worst-case results are reported.

Radiated Spurious Emission measurements at 3 meters by Substitution Method

Report Number : FJ-284-R2



6.5 Frequency Stability

6.5.1 Cellular WCDMA Frequency Stability Table

Operating Frequency : 836,600,000 Hz

Channel : 4183

Reference Voltage : 3.7VDC

Deviation Limit : ±0.00025 % or 2.5ppm

Voltage (%)	Power (VDC)	Temp. (^o C)	Frequency Error (Hz)	Frequency (Hz)	Deviation (%)	ppm
100%		+20(Ref)	-33.90	836,599,966	-0.000004	-0.041
100%		-30	8.60	836,600,009	0.000001	0.010
100%		-20	26.70	836,600,027	0.000003	0.032
100%		-10	-31.70	836,599,968	-0.000004	-0.038
100%		0	-48.30	836,599,952	-0.000006	-0.058
100%	3.70	+10	-0.60	836,599,999	0.000000	-0.001
100%		+20	-33.90	836,599,966	-0.000004	-0.041
100%		+30	-41.40	836,599,959	-0.000005	-0.049
100%		+40	-35.50	836,599,965	-0.000004	-0.042
100%]	+50	35.60	836,600,036	0.000004	0.043
115%	4.26	+20	25.20	836,600,025	0.000003	0.030
Batt. Endpoint	3.35	+20	31.10	836,600,031	0.000004	0.037

Note : The temperature is varied from -30 °C to +50 °C using an environmental chamber.

The EUT is tested down to the battery end point



6.5.2 PCS WCDMA Frequency Stability Table

Operating Frequency : 1,880,000,000 Hz

Channel : 9400

Reference Voltage : 3.7VDC

Deviation Limit : ± 0.00025 % or 2.5ppm

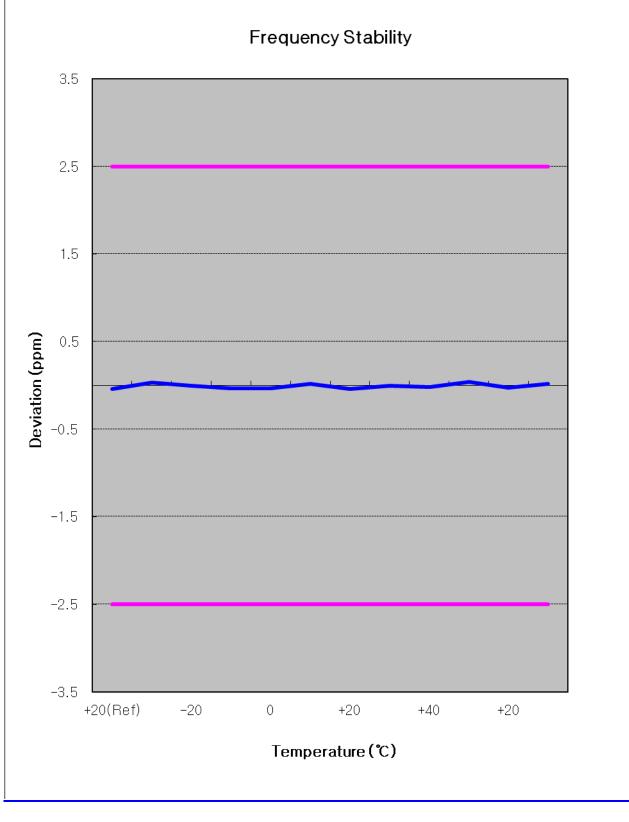
Voltage (%)	Power (VDC)	Temp. (^o C)	Frequency Error (Hz)	Frequency (Hz)	Deviation (%)	ppm
100%		+20(Ref)	28.70	1,880,000,029	0.000002	0.015
100%		-30	3.60	1,880,000,004	0.000000	0.002
100%		-20	-35.40	1,879,999,965	-0.000002	-0.019
100%		-10	44.30	1,880,000,044	0.000002	0.024
100%		0	30.30	1,880,000,030	0.000002	0.016
100%	3.70	+10	-17.60	1,879,999,982	-0.000001	-0.009
100%		+20	28.70	1,880,000,029	0.000002	0.015
100%		+30	39.60	1,880,000,040	0.000002	0.021
100%		+40	3.20	1,880,000,003	0.000000	0.002
100%		+50	42.20	1,880,000,042	0.000002	0.022
115%	4.26	+20	37.10	1,880,000,037	0.000002	0.020
Batt. Endpoint	3.35	+20	25.20	1,880,000,025	0.000001	0.013

Note : The temperature is varied from -30 °C to +50 °C using an environmental chamber.

The EUT is tested down to the battery end point



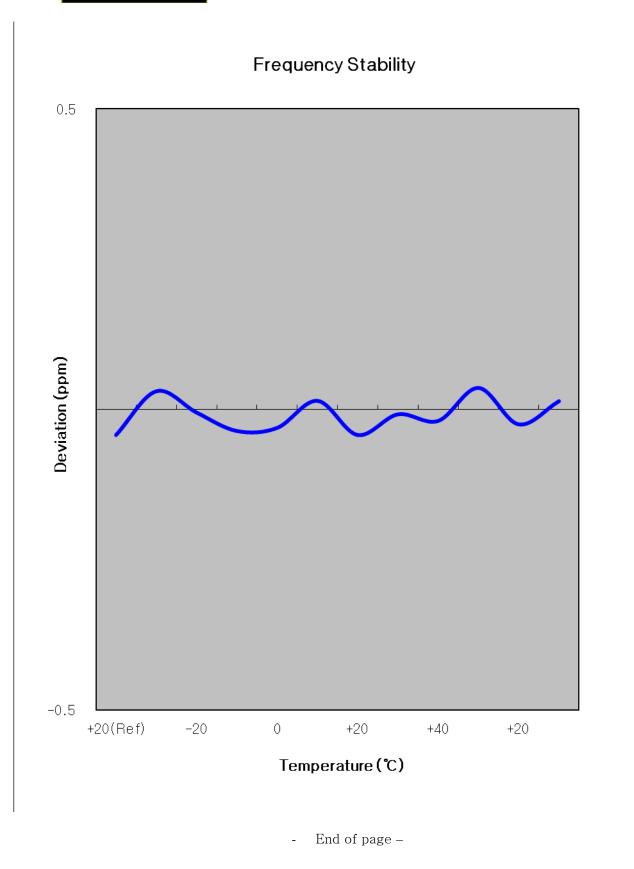
6.5.3 Cellular WCDMA Frequency Stability Graph



- End of page –

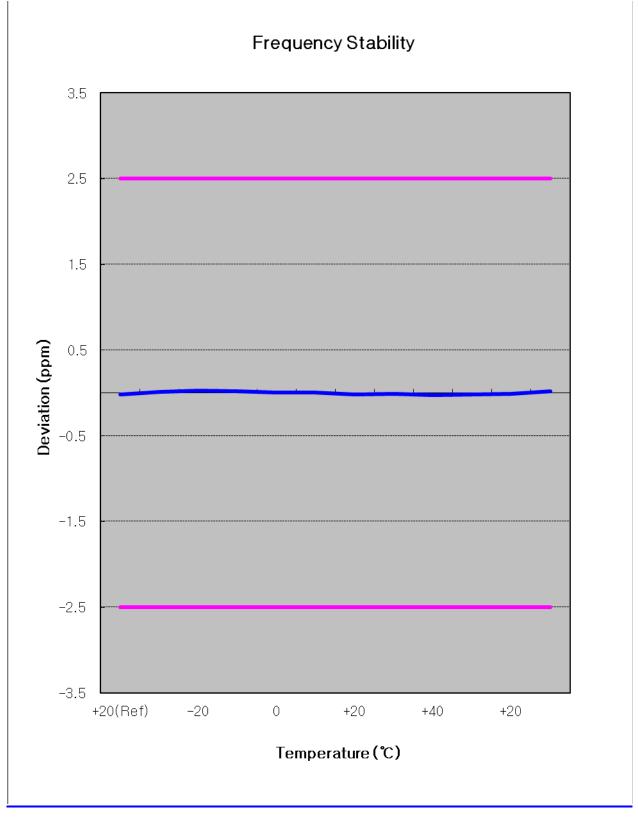


Zoom In





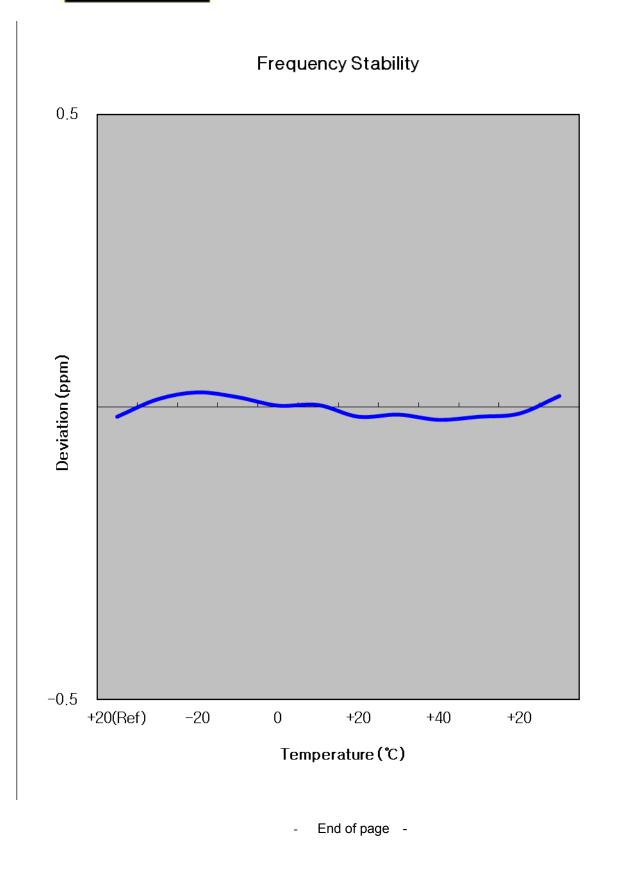
6.5.4 PCS WCDMA Frequency Stability Graph



- End of page -



Zoom In





7. SAMPLE CALCULATION

7.1 Emission Designator

Emission Designator = 4M19F9W

CDMA BW = 4.19MHz F = Frequency Modulation 9 = Composite Digital Info W = Combination(Audio/Data) (Measured at the 99.75% power bandwidth)

- End of page -

_



8. CONCLUSION

The data collected shows that the SAMSUNG Portable Handset

FCC ID : A3LGTN7100 complies with all the requirements of Parts 2, 22, 24 of the FCC Rules.

- End of page -



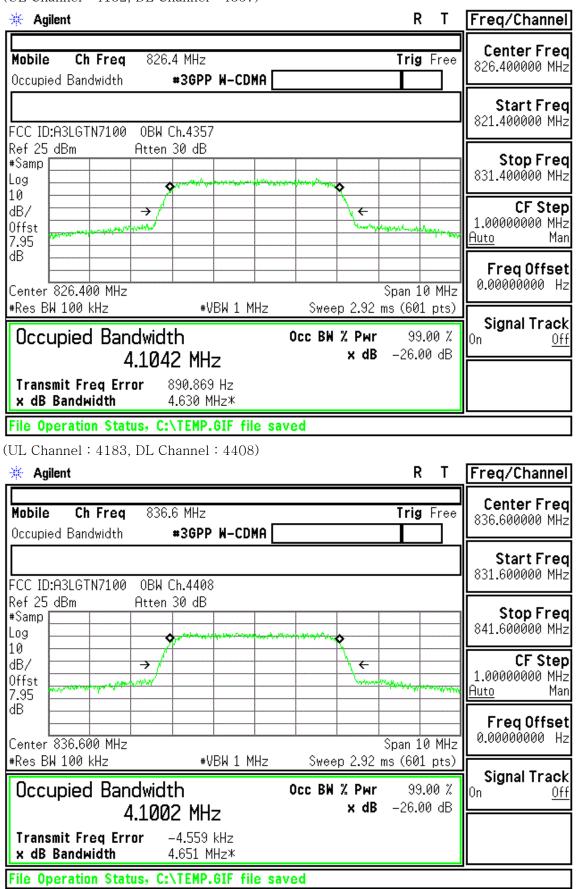
9. TEST PLOT

* For all frequencies, we measure Ref. offset every 1GHz. And we tested the plots with worst offset of all offset.

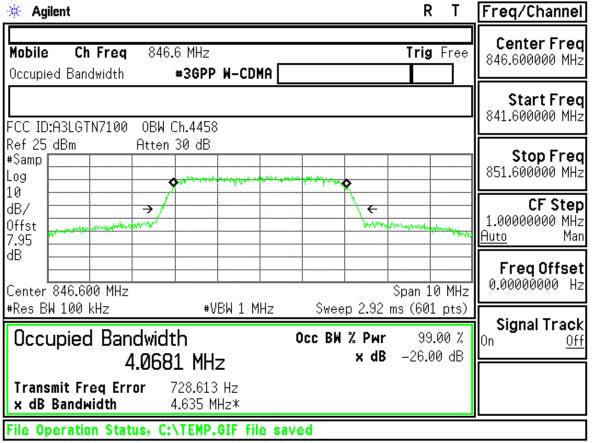
- 1. Spectrum Offset(dB) = Cable loss(dB) + Power divider(dB)
- 2. Ref Offset at 1880 MHz = 8.83dBm

A3LGTN7100BAND 5

(UL Channel : 4132, DL Channel : 4357)



(UL Channel : 4233, DL Channel : 4458)



FCC	Agilent								R	? T	Freq/Channel
	ID:A3LGT	N7100	Cond	Spur C	h.4357						Conton Enor
	25_dBm		Atten	30 dB							Center Freq 1.26500000 GHz
#Peal	k 🔤										1.20300000 012
Log 10											Chant France
dB/											Start Freq 30.0000000 MHz
0ffst	.										20.0000000 MHZ
7.95											
dB											Stop Freq 2.50000000 GHz
DI											2.50000000 GHZ
-13.0	0			10							CF Step
dBm											247.000000 MHz
LgAv											<u>Auto</u> Man
M1 S	2										E O (()
S3 F	ol I			Ш.							Freq Offset 0.00000000 Hz
ľ	an affective a	Ser Trappers	and a state of the	e where	and the second second	and the second	- and the second	We get a star	1.404-1.4044-	A NOT ON A	0.00000000 HZ
£(f):											
FTun											Signal Track
Swp											On <u>Off</u>
Cent	er 1.265	GHz			1			S	pan 2.4	17 GHz	
#Res	BW 1 MH	z		#V	BW 1 M	Hz	Swee	p 4. 12	ms (60	1 pts)	
File	Operatio	n Stat	us, C:\	TEMP.	GIF fil	e save	d				
	hannel :										
	Agilent	1102,		annor	1001)				R	!Т	Freq/Channel
	-										
		W71.00	Cond	Smur C	L /2E7			ML	-1 016	2.4 MU-	
TRAE 2		N7100		Spur C 30 dB	h.4357			Mk).4 MHz 4 dBm	Center Freq
	25 dBm	N7100	Cond Atten		h.4357			Mk		6.4 MHz 4 dBm	
Ref 2 #Peal Log	25 dBm	N7100			h.4357			Mk			Center Freq
#Peal Log 10	25 dBm	N7100			h.4357			Mk			Center Freq 423.200000 MHz
#Peal Log 10 dB/	25 dBm	N7100			h.4357			Mk			Center Freq
#Peal Log 10 dB/ Offst	25 dBm	N7100			h.4357			Mk			Center Freq 423.200000 MHz Start Freq
#Peal Log 10 dB/ Offst 7.95	25 dBm	N7100			h.4357			Mk			Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq
#Peal Log 10 dB/ Offst 7.95 dB	25 dBm	N7100			h.4357			Mk			Center Freq 423.200000 MHz Start Freq 30.0000000 MHz
#Peal Log 10 dB/ Offst 7.95	25 dBm	N7100			h.4357			Mk			Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz
#Peal Log 10 dB/ Offst 7.95 dB DI	25 dBm	N7100			h.4357			Mk			Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step
#Peal Log 10 dB/ 0ffst 7.95 dB DI -13.0	25 dBm k	N7100			h.4357			Mk			Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step 78.6400000 MHz
<pre>#Peal Log 10 dB/ 0ffst 7.95 dB DI −13.0 dBm LgAv</pre>	25 dBm k	N7100			h.4357			Mk			Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step
<pre>#Peal Log 10 dB/ Offst 7.95 dB DI −13.0 dBm LgAv</pre>	25 dBm k	N7100			h.4357			Mk			Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step 78.6400000 MHz Auto Man Freq Offset
<pre>#Peal Log 10 dB/ Offst 7.95 dB DI −13.0 dBm LgAv</pre>	25 dBm k		Atten	30 dB					-30.1	4 dBm	Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step 78.6400000 MHz Huto
#Peal Log 10 dB/ Offst 7.95 dB DI -13.0 dBm LgAv V1 S S3 F	25 dBm k		Atten	30 dB					-30.1	4 dBm	Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step 78.6400000 MHz Auto Man Freq Offset
<pre>#Peal Log 10 dB/ Offst 7.95 dB DI -13.0 dBm LgAv V1 S S3 F £(f):</pre>	25 dBm k		Atten	30 dB					-30.1	4 dBm	Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step 78.6400000 MHz Auto Freq Offset 0.0000000 Hz Signal Track
<pre>#Peal Log 10 dB/ Offst 7.95 dB DI -13.0 dBm LgAv V1 S S3 F £(f): FTun</pre>	25 dBm k		Atten	30 dB		with free parts			-30.1	4 dBm	Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step 78.6400000 MHz Auto Man Freq Offset 0.0000000 Hz
<pre>#Peal Log 10 dB/ Offst 7.95 dB DI -13.0 dBm LgAv V1 S S3 F £(f):</pre>	25 dBm k		Atten	30 dB					-30.1	4 dBm	Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step 78.6400000 MHz Man Freq Offset 0.00000000 Hz Signal Track
#Peal Log 10 dB/ Offst 7.95 dB DI -13.0 dBm LgAv V1 S S3 F £(f): FTun Swp	25 dBm k		Atten	30 dB					-30.1	4 dBm	Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step 78.6400000 MHz Man Freq Offset 0.00000000 Hz Signal Track
# Peal Log 10 dB/ Offst 7.95 dB DI -13.0 dBm LgAv V1 S S3 F £(f): FTun Swp Cento	25 dBm k		Atten	30 dB					-30.1	4 dBm	Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step 78.6400000 MHz Man Freq Offset 0.00000000 Hz Signal Track
<pre>#Peal Log 10 dB/ Offst 7.95 dB DI -13.0 dBm LgAv V1 S S3 F £(f): FTun Swp Cento #Res</pre>	25 dBm k		Atten	30 dB	BW 1 M	Hz	Swee		-30.1	4 dBm	Center Freq 423.200000 MHz Start Freq 30.0000000 MHz Stop Freq 816.400000 MHz CF Step 78.6400000 MHz Auto Man Freq Offset 0.0000000 Hz Signal Track

(UL Channel : 4132, DL Channel : 4357)

*	Agi	ilent								R	? T	Freq/Channel
		:A3LGT	N7100	Cond	Spur C	h.4357			Mkr	1 836	6.4 MHz	Conton From
		dBm		Atten	30 dB					-20.8	0 dBm	Center Freq 1.66820000 GHz
#Pe	ak											1.00020000 0H2
Log												
10	,											Start Freq
dB/												836.400000 MHz
0ffs 7.95												
dB	1											Stop Freq
DI												2.50000000 GHz
-13	01											
dBm												CF Step
LgA	v											166.360000 MHz Auto Man
ľ												<u>Auto</u> Man
	S2											Freq Offset
S3	FC	at the store	M. Kashakata	a deres des as	Land, e. Milada		and the second second	-	kerneturnet	mander	-	0.00000000 Hz
		. a Materia			Condition does.							
£ (f)												Signal Track
FTu												On Off
Swp												011 <u>011</u>
Cen	ter	1.668	2 GHz					1	Spa	an 1.66	64 GHz	
		W 1 MH			#V	BW 1 M	Hz	Swe	ep 2.8 r			
				us, C:'							_ /	<u>, </u>
							e suve	- u				
			4132,	DL Ch	annei .	4537)						[[
₩	Agi	ilent								R		Freq/Channel
₩ FCC	Agi D	ilent :A3LGT		Cond	Spur C				Mkr1	13.6	42 GHz	
₩ FCC Ref	Agi ID 25	ilent			Spur C				Mkr1	13.6		Center Freq
¥÷ FCC Ref ≢Pe	Agi ID 25 ak	ilent :A3LGT		Cond	Spur C				Mkr1	13.6	42 GHz	
₩ FCC Ref #Pe Log	Agi ID 25 ak	ilent :A3LGT		Cond	Spur C				Mkr1	13.6	42 GHz	Center Freq 11.2500000 GHz
₩ FCC Ref #Pe Log 10	Ag i 25 ak	ilent :A3LGT		Cond	Spur C				Mkr1	13.6	42 GHz	Center Freq 11.2500000 GHz Start Freq
₩ FCC Ref #Pe Log 10 dB/	Agi 25 ak	ilent :A3LGT		Cond	Spur C				Mkr1	13.6	42 GHz	Center Freq 11.2500000 GHz
₩ FCC Ref #Pe Log 10 dB/ Offs	Agi 25 ak ,	ilent :A3LGT		Cond	Spur C				Mkr1	13.6	42 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz
₩ FCC Ref #Pe Log 10 dB/	Agi 25 ak ,	ilent :A3LGT		Cond	Spur C				Mkr1	13.6	42 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq
₩ FCC Ref Log 10 dB/ Offs 11.4 dB	Agi 25 ak ,	ilent :A3LGT		Cond	Spur C				Mkr1	13.6	42 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz
₩ FCC Ref #Pe Log 10 dB/ 0ffs 11.4 dB DI -13	Agi 25 25 ak 4	ilent :A3LGT		Cond	Spur C				Mkr1	13.6	42 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
₩ FCC Ref Log 10 dB/ Offs 11.4 dB DI	Agi 25 25 ak 4	ilent :A3LGT		Cond	Spur C				Mkr1	13.6	42 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
₩ FCC Ref #Pe Log 10 dB/ 0ffs 11.4 dB DI -13	Agi 25 25 ak 3 5 4	ilent :A3LGT		Cond	Spur C			1		13.6 -34.4	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz
₩ FCC Ref Log 10 dB/ 0ff: 11.4 dB DI -13 dBm LgA	Ag 25 25 ak 4 3 t 4	ilent :A3LGT		Cond	Spur C					13.6 -34.4	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
<pre></pre>	Ag 25 25 ak , 5 t 4 .0 v x 22	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4357			Mkr1	13.6 -34.4	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Man
<pre></pre>	Ag 25 25 ak 4 3 t 4	ilent :A3LGT dBm		Cond Atten	Spur C 30 dB					13.6 -34.4	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz
★ FCC Ref ±Pe Log 10 dB/ 0ffs 11.4 dB DI −13 dBm LgA V1 \$3	Ag 25 25 ak , 3t 4 .0 1 V S2 FC	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4357				13.6 -34.4	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Man Freq Offset
<pre></pre>	Ag 25 25 ak , st 4 .0 V S2 FC):	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4357				13.6 -34.4	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Man Freq Offset 0.0000000 Hz
<pre> # FCC Ref #Pe Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA V1 S3 £(f, FTu </pre>	Ag 25 25 ak , 3t 4 .0 1 V S2 FC): n	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4357				13.6 -34.4	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz Signal Track
<pre></pre>	Ag 25 25 ak , 3t 4 .0 1 V S2 FC): n	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4357				13.6 -34.4	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Man Freq Offset 0.0000000 Hz
₩ FCC Ref #Pe Log 10 dB/ 0ff: 11.4 dB DI -13 dBr LgA V1 S3 ¥ (f, FTu	Ag 25 25 ak , 3t 4 .0 1 V S2 FC): n	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4357				13.6 -34.4	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz Signal Track
<pre>₩ FCC Ref #Pe Log 10 dB/ 0ffs 11.4 dBr LgA V1 S3 £(f) FTu Swp Cen</pre>	Ag 25 25 ak 3 3 4 3 1 V S2 FC): n ter	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4357				13.6	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz Signal Track
<pre>₩ FCC Ref #Pe Log 10 dB/ 0ffs 11.4 dBr LgA V1 S3 £(f) FTu Swp Cen</pre>	Ag 25 25 ak 3 3 4 3 1 V S2 FC): n ter	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4357				13.6 _34.4	42 GHz 9 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz Signal Track

(UL Channel : 4132, DL Channel : 4357)

	Agile	ent				4400)				F	?Т	Freq/Channel
FCC	ID:F	A3LGT	N7100	Cond	Spur C	h.4408						
Ref #Pea		:/Bm		Atten								Center Freq 1.26500000 GHz
Log 10 dB/ Offs	+											Start Freq 30.0000000 MHz
7.95 dB DI												Stop Freq 2.50000000 GHz
−13. dBm LgAv												CF Step 247.000000 MHz <u>Auto</u> Man
M1 : S3 F	- d	./whereas	applesores	where the particular to the	and the states		- Jar Jar Laine	man	Jamestype	and and the second	teres and a	FreqOffset 0.00000000 Hz
£ (f) FTur Swp												Signal Track ^{On <u>Off</u>}
		.265 1 MH			#\	 /BW 1 M	Hz	Swee) pan 2.4 ms (60		
	One	oratio	in Stat	us. Cr'	\TEMP .	GIE fil	0.0390	<u>.</u>				
File			in stat			V 1 11	e adve	<u>.</u>				
	_			DL Ch			<u>c save</u>	iu.				
	Char	nnel :					C 34VC	,u		F	? Т	Freq/Channel
(UL C ** FCC Ref #Pea	Char Agile ID:F 25 c	nnel : ent A3LGT		DL Ch	annel: Spur C				Mk	r1 820	t T 6.6 MHz 6 dBm	Center Freq
(UL (# FCC Ref #Pea Log 10 dB/	Char Agile ID:F 25 c	nnel : ent A3LGT	4183,	DL Cha	annel: Spur C	4408)			Mk	r1 820	6.6 MHz	Center Freq 428.300000 MHz Start Freq
(UL C #CC Ref Log 10 dB/ 0ffs: 7.95 dB DI	TD:F	nnel : ent A3LGT	4183,	DL Cha	annel: Spur C	4408)			Mk	r1 820	6.6 MHz	Center Freq 428.300000 MHz Start Freq 30.0000000 MHz Stop Freq
(UL C #CC Ref #Pea Log 10 dB/ 0ffs 7.95 dB	TD:F Agile ID:F 25 c k t	nnel : ent A3LGT	4183,	DL Cha	annel: Spur C	4408)			Mk	r1 820	6.6 MHz	Center Freq 428.300000 MHz Start Freq 30.0000000 MHz Stop Freq 826.600000 MHz CF Step 79.6600000 MHz
(UL C FCC Ref #Pea Log 10 dB/ 0ffs 7.95 dB DI -13. dBm LgAv	Char ID:F 25 c k - 0 - 52	nnel : ent A3LGT HBm	4183, N7100	DL Characteria	annel : Spur C 30 dB	4408)				r1 826 -23.8	6 MHz 6 dBm	Center Freq 428.300000 MHz Start Freq 30.0000000 MHz Stop Freq 826.600000 MHz CF Step 79.6600000 MHz Auto Man Freq Offset
(UL C # FCC Ref #Pea Log 10 dB/ 0ffs 7.95 dB DI -13. dBm LgAv M1	Char ID:F 25 c k t 0 52 0 52 0 52 0 52 0 52 0 52 0 52 0 52 0 52 0 52 0 52 0 52 0 53 0 1 53 0 1 1 1 1 1 1 1 1 1 1 1 1 1	nnel : ent A3LGT HBm	4183, N7100	DL Characteria	annel : Spur C 30 dB	4408)				r1 826 -23.8	6 MHz 6 dBm	Center Freq 428.300000 MHz Start Freq 30.0000000 MHz Stop Freq 826.600000 MHz CF Step 79.6600000 MHz Auto Freq Offset 0.00000000 Hz
(UL C FCC Ref #Pea Log 10 dB/ 0ffs 7.95 dB DI −13. dBm LgAv M1 \$3 I £(f) FTur Swp	Char Agile ID:F 25 c k t 0 S22 -C 5 -C 	nnel : ent A3LGT HBm	4183, N7100	DL Characteries Cond Atten	annel : Spur C 30 dB	4408)				r1 826 -23.8	6 MHz 6 dBm	Center Freq 428.300000 MHz Start Freq 30.0000000 MHz Stop Freq 826.600000 MHz CF Step 79.6600000 MHz Auto Man Freq Offset 0.0000000 Hz Signal Track On
(UL C #Pea Log 10 dB/ Offs: 7.95 dB DI -13. dBm LgAv M1 : S3 F £(f) FTur Swp Cent	Char Agile ID:F 25 c k t 0 -C 52 -C 52 -C 52 -C 52 -C 52 -C 52 -C 52 -C 52 -C 52 -C 52 -C 52 -C 52 -C -C -C -C -C -C -C -C -C -C	nnel : ent A3LGT Bm	4183, N7100	DL Characteries Cond Atten	annel : Spur C 30 dB	4408)			Sr	r1 826 -23.8	6 MHz	Center Freq 428.300000 MHz Start Freq 30.0000000 MHz Stop Freq 826.600000 MHz CF Step 79.6600000 MHz Auto Man Freq Offset 0.0000000 Hz Signal Track On

(UL Channel : 4183, DL Channel : 4408)

*	Agil	lent								R	T	Freq/Channel
			N7100	Cond	Spur C	h.4408			Mkr	1 846	6.6 MHz	Conton Enor
		dBm		Atten	30 dB					-21.0	4 dBm	Center Freq 1.67330000 GHz
#Pea	ak [1.07550000 0H2
Log	-											64 E
10 dB/												Start Freq 846.600000 MHz
Offs												040.000000 MHZ
7.95												
dB	t											Stop Freq 2.50000000 GHz
DI	Ŀ											2.30000000 GHZ
-13												CF Step
dBm	- F											165.340000 MHz
LgA	۷Į											<u>Auto</u> Man
V1	S2											
	ECL											Freq Offset
1 33	14	ANNANAN	e state and the state of the st	man	antipatricipal	and the second	here a state of the	all and the second second	424/ H-10-44	an de la companya	A CONTRACTOR OF A CONTRACT	0.00000000 Hz
£ (f)):											
FTu												Signal Track
Swp	-											On <u>Off</u>
Cent	ter ∟	1.673	3 GHz		1	1		L	Spa	an 1.65	53 GHz	
		√1 MH			#V	BW 1 M	Hz	Swee	p 2.76 r			
				us. C•	TEMP.	GTE fil	o savo					
		Grado	in other	40, 01	CI LINE I	VII 11	0 3470	· · ·				
	Cho	nnol ·	1102	DI Ch	onnol ·	1100)						
			4183,	DL Ch	annel :	4408)				D	. т	Erog (Channell
₩	Agil	lent								R		Freq/Channel
₩ FCC	Agil ID:	lent :A3LGT	4183, N7100	Cond	Spur C				Mkr1	13.6	12 GHz	
₩ FCC Ref	Agil ID: 25	lent			Spur C			1	Mkr1	13.6		
¥ FCC Ref #Pea	Agil ID: 25	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq
₩ FCC Ref	Agil ID: 25	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz
₩ FCC Ref #Pea Log	Agil 25 ak	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq
₩ FCC Ref #Pea Log 10 dB/ Offs	Agil 25 ak	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq
₩ FCC Ref #Pea Log 10 dB/ Offs 11.4	Agil 25 ak	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz
₩ FCC Ref ±Pea Log 10 dB/ 0ffs 11.4 dB	Agil 25 ak	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI	Agil 25 ak	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
₩ FCC Ref ±Pea Log 10 dB/ 0ffs 11.4 dB	Agil 25 ak	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
₩ FCC Ref #Pea Log 10 dB/ Offs 11.4 dB DI -13. dBm	Agii 25 ak - 4 .0	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI 13	Agii 25 ak - 4 .0	lent :A3LGT		Cond	Spur C					13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13. dBm LgA	Agii 25 ak 4 .0 52	lent A3LGT dBm	N7100	Cond Atten	Spur C	h.4408		6	Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz 20.0000000 GHz 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13. dBm LgA	Agii 25 ak - t 1 .0	lent A3LGT dBm		Cond Atten	Spur C 30 dB	h.4408		6		13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13. dBm LgAy V1 S3	Agil ID: 25 ak - - - - - - - - - - - - -	lent A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4408		6		13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
<pre></pre>	Agil ID: 25 ak - - - - - - - - - - - - -	lent A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4408		6		13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz
<pre></pre>	Agil ID: 25 ak - .0 v V S2 FC): - n	lent A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4408		6		13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
<pre></pre>	Agil ID: 25 ak - .0 v V S2 FC): - n	lent A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4408		6		13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre></pre>	Agii ID: 25 ak - - - - - - - - - - - - - - - - - - -	lent A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4408		6		13.6	12 GHz 1 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13. dBm LgA ¹ V1 S3 £(f) FTui Swp Cent	Agii ID: 25 ak - .0 st - .0 S2 FC - .0 FC - .0 .0 S2 FC - .0 .0 S2 S2 S2 S2 S2 S2 S2 S2 S2 S2 S2 S3 S2 S3 S3 S3 S3 S3 S3 S3 S3 S3 S3 S3 S3 S3	lent A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.4408				13.6 -33.9	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre>₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13. dBm LgAⁿ V1 S3 £(f) FTui Swp Cent #Res</pre>	Agii ID: 25 ak - .0 V S2 FC S2 S2 S7 S2 S2 S7 S2 S2 S7 S2 S2 S2 S2 S2 S2 S2 S2 S2 S2 S2 S2 S2	lent A3LGT dBm 	N7100	Cond Atten	Spur C 30 dB	h.4408	Hz	Sweep		13.6 -33.9	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track

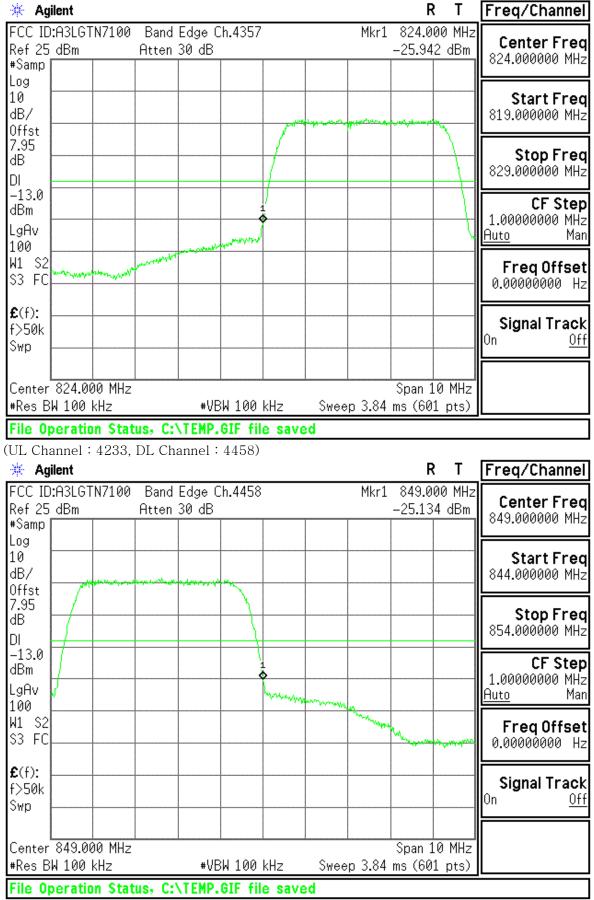
(UL Channel : 4183, DL Channel : 4408)

FCC ID:A3LGTN7100 Cond Spur Ch.4458 Center Ref 25 dBm Atten 30 dB 1.2650000	
	-
#Peak	
	0 GHZ
Log	
10 Start	Freq
dB/ 30.00000	0 MHz
Offst	
7.95 Stop	Freq
	• •
-13.0 CF	Step
LgAv Auto	Man
M1 S2 S3 FC	
S3 FU mount we have a function of the second	10 Hz
£(f):	
FTun Signal 1	rack
Swp On	<u> </u>
Center 1.265 GHz Span 2.47 GHz	
#Res BW 1 MHz #VBW 1 MHz Sweep 4.12 ms (601 pts)	
File Operation Status, C:\TEMP.GIF file saved	
(UL Channel : 4233, DL Channel : 4458)	
* Agilent R T Freq/Ch	nnol
FCC ID:A3LGTN7100 Cond Spur Ch.4458 Mkr1 836.6 MHz	Fred
Ref 25 dBm Atten 30 dB -26.35 dBm 433.30000	
#FGak	
Log 10 Start	
dB/	riey
Offst	
0ffst 7.95	0 MHz
7.95 Stop	0 MHz Freq
7.95 dB Stop	0 MHz Freq
7.95 dB DI -13.0	0 MHz Freq 0 MHz
7.95 dB DI -13.0 dBm 1 CF	0 MHZ Freq 0 MHZ Step
7.95 dB DI -13.0 dBm LaOu	0 MHŻ Freq 0 MHz Step 0 MHz
7.95 dB DI -13.0 dBm DI -13.0 dBm DI -13.0 dBm DI -13.0 dBm DI -13.0 dB -13.0 dB -	0 MHZ Freq 0 MHZ Step
7.95 Stop dB Image: Stop DI Image: Stop -13.0 Image: Stop dBm Image: Stop LgAv Image: Stop M1 S2 Image: Stop	0 MHz Freq 0 MHz Step 0 MHz Man
7.95 dB Stop DI -13.0 dBm CF LgAv Stop M1 S2 Freq 0	0 MHz Freq 0 MHz Step 0 MHz Man ffset
7.95 dB Stop DI -13.0 dBm Gr LgAv Gr M1 S2 S3 FC	0 MHz Freq 0 MHz Step 0 MHz Man ffset
7.95 Stop DI Stop -13.0 CF Bm Stop LgAv Stop M1 S2 Stop S3 FC Freq 0 0.0000000 0.0000000	0 MHZ Freq 0 MHZ 0 MHZ Man ffset
7.95 Stop DI Stop -13.0 GBm LgAv Stop M1 S2 Stop S3 FC Freq 0 0.0000000 £(f): Stop	0 MHz Freq 0 MHz 0 MHz Man ffset 10 Hz
7.95 Stop DI Stop -13.0 CF Bm CF LgAv Stop M1 S2 Stop S3 FC Freq 0 0.0000000 0.0000000	0 MHZ Freq 0 MHZ 0 MHZ Man ffset
7.95 Stop DI Stop -13.0 GBm LgAv Stop M1 S2 Stop S3 FC Freq 0 0.0000000 £(f): Stop	0 MHz Freq 0 MHz 0 MHz Man ffset 10 Hz
7.95 Stop DI Stop -13.0 GBm LgAv Stop M1 S2 Stop S3 FC Stop £(f): Stop FTun Stop Swp Signal Ton	0 MHz Freq 0 MHz 0 MHz Man ffset 10 Hz
7.95 Stop DI Stop -13.0 GBm LgAv Stop M1 S2 Stop S3 FC Stop £(f): Stop FTun Stop Swp Signal Ton	0 MHz Freq 0 MHz 0 MHz Man ffset 10 Hz

(UL Channel : 4233, DL Channel : 4458)

*	Agi	ilent								R	2 T	Freq/Channel
FCC	D: ID:	:A3LGT	N7100	Cond	Spur Cl	h.4458			Mkr	1 856	6.6 MHz	Canton Franc
Ref	25	dBm		Atten	30 dB					-28.6	3 dBm	Center Freq
#Pea	ak [1.67830000 GHz
Log												
10												Start Freq
dB/												856.600000 MHz
Offs												
7.95 dB												Stop Freq
												2.50000000 GHz
DI												
-13 dBm												CF Step
	÷											164.340000 MHz
LgA	۷ľ											<u>Auto</u> Man
	~~											
	S2 FC											Freq Offset
33	FU	the when the	enveloped all	venture	Webstern		Applesonthe	where a set	-Jynd - angelete	and the second second	frequencies of the	0.00000000 Hz
£ (f)	.											
FTu												Signal Track
Swp												On Off
Jawh												
Cen	ter	1.678	3 GHz						Spa	an 1.64	13 GHz	
#Re:	s Bl	W 1 MH:	z		#V	BW 1 M	Hz	Swee	p 2.76 i	ms (60	1 pts)	
File	0n	oratio	n Stat	us, C:'	TEMP	GTE fil	e save	he				
				DI Ch								
			4233,	DL Ch	annel :	4458)						
₩	Agi	ilent	-							R		Freq/Channel
₩ FCC	Agi	ilent :A3LGT	-		annel: Spur C				Mkr1		t 04 GHz	
₩ FCC Ref	Agi ID: 25	ilent	-		Spur C				Mkr1	15.3		Center Freq
¥¥ FCC Ref #Pea	Agi ID: 25	ilent :A3LGT	-	Cond	Spur C				Mkr1	15.3	04 GHz	
₩ FCC Ref #Pea Log	Agi ID: 25	ilent :A3LGT	-	Cond	Spur C				Mkr1	15.3	04 GHz	Center Freq 11.2500000 GHz
₩ FCC Ref #Pea Log 10	Agi ID: 25 ak	ilent :A3LGT	-	Cond	Spur C				Mkr1	15.3	04 GHz	Center Freq 11.2500000 GHz Start Freq
₩ FCC Ref #Pea Log 10 dB/	Agi 25 ak	ilent :A3LGT	-	Cond	Spur C				Mkr1	15.3	04 GHz	Center Freq 11.2500000 GHz
₩ FCC Ref #Pea Log 10 dB/ Offs	Agi 25 ak [,	ilent :A3LGT	-	Cond	Spur C				Mkr1	15.3	04 GHz	Center Freq 11.2500000 GHz Start Freq
₩ FCC Ref #Pe: Log 10 dB/ Offs 11.4	Agi 25 ak [,	ilent :A3LGT	-	Cond	Spur C				Mkr1	15.3	04 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz
₩ FCC Ref Log 10 dB/ Offs 11.4 dB	Agi 25 ak [,	ilent :A3LGT	-	Cond	Spur C				Mkr1	15.3	04 GHz	Center Freq 11.2500000 GHz Start Freq
₩ FCC Ref Log 10 dB/ Offs 11.4 dB DI	Agi 25 ak , st	ilent :A3LGT	-	Cond	Spur C				Mkr1	15.3	04 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13	Agi 25 25 ak [3t 4	ilent :A3LGT	-	Cond	Spur C				Mkr1	15.3	04 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq
₩ FCC Ref #Pe: Log 10 dB/ Offs 11.4 dB DI -13 dBm	Agi 25 25 ak [, , , , , , , , , , , , , , , , , , ,	ilent :A3LGT	-	Cond	Spur C				Mkr1	15.3	04 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13	Agi 25 25 ak [, , , , , , , , , , , , , , , , , , ,	ilent :A3LGT	-	Cond	Spur C 30 dB	h.4458				-34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
₩ FCC Ref #Pe: Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA	Agi 25 25 ak 4	ilent :A3LGT dBm	N7100	Cond	Spur C 30 dB	h.4458				-34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz 20.0000000 GHz 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
★ FCC Ref #Pe: Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA V1	Agi 25 ak 4 .0 v \$2	ilent :A3LGT dBm	N7100	Cond	Spur C 30 dB	h.4458				-34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
★ FCC Ref #Pe: Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA V1	Agi 25 25 ak 4	ilent :A3LGT	N7100	Cond	Spur C 30 dB	h.4458				-34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz 20.0000000 GHz 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
<pre></pre>	Agi 25 25 ak 4 .0 v x S2 FC	ilent :A3LGT dBm	N7100	Cond	Spur C 30 dB	h.4458				-34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
₩ FCC Ref #Pe: Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA V1 S3 £(f)	Agi 25 25 ak 4 .0 v x 52 FC:):	ilent :A3LGT dBm	N7100	Cond	Spur C 30 dB	h.4458				-34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz
<pre></pre>	Agi 25 25 ak 4 .0 v S2 FC):	ilent :A3LGT dBm	N7100	Cond	Spur C 30 dB	h.4458				-34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
₩ FCC Ref #Pe: Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA V1 S3 £(f)	Agi 25 25 ak 4 .0 v S2 FC):	ilent :A3LGT dBm	N7100	Cond	Spur C 30 dB	h.4458				-34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre></pre>	Agi 25 25 ak 4 .0 v S2 FC .0 v	ilent :A3LGT dBm	N7100	Cond	Spur C 30 dB	h.4458			1 • •	- 15.3 34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre></pre>	Agi 25 25 ak 4 .0 1 v S2 FC .0 1 v S2 FC .0 1 v ter	ilent :A3LGT dBm	N7100	Cond	Spur C 30 dB	h.4458			1 • •	-34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre></pre>	Agi 25 25 ak 4 .0 1 v S2 FC .0 1 v S2 FC .0 1 v ter	ilent :A3LGT dBm	N7100	Cond	Spur C 30 dB	h.4458			1 • •	- 15.3 34.1	04 GHz 8 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track

(UL Channel : 4233, DL Channel : 4458)

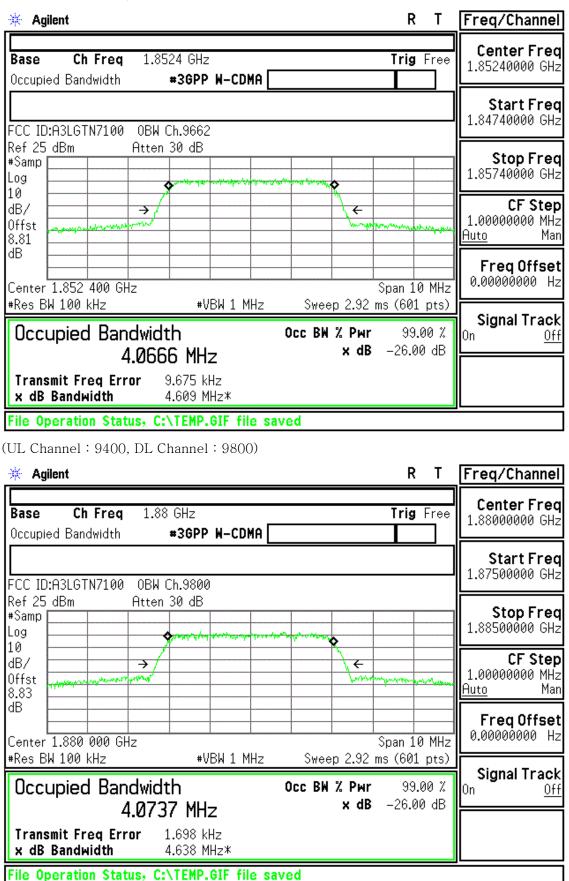


(UL Channel : 4132, DL Channel : 4357)

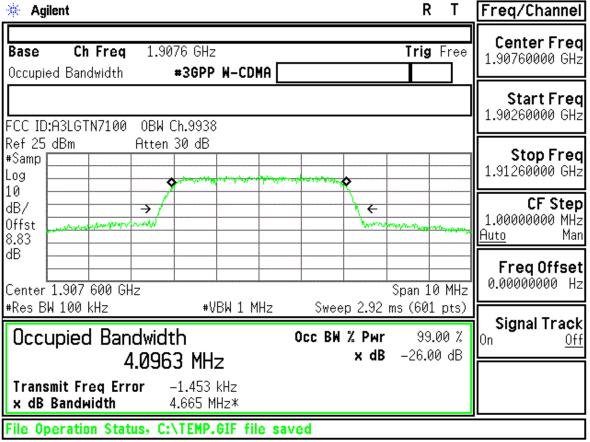
*	Agilent								R	2 T	Freq/Channel
FCC	ID:A3LGT	N7100	4MHz	Span C	h.4357			Mkr1	823.0	00 MHz	Conton From
	25_dBm		Atten	30 dB					-16.61	0 dBm	Center Freq 821.000000 MHz
#Avg	1										021.000000 MHZ
Log											
10											Start Freq
dB/ Offst	.										819.000000 MHz
7.95											
dB											Stop Freq
DI										1	823.000000 MHz
-13.0	0									1	
dBm								mansa		and the second	CF Step 400.000000 kHz
PAvg	1 martin	magnet	man	-	a marine	angen der geben auf der eine					Auto Man
100											<u>11000</u> 1101
W1 🗧											Freq Offset
\$3 F	-c										0.00000000 Hz
£ (f):											Signal Track
FTun											On Off
Swp											
Cent	er 821.00	0 MHz					1		Span	4 MHz	
#Res	BW 1 MH:	z		#V	BW 1 M	Hz	Sv	veep 1			
File	Operatio	n Stat	us. C·V	TEMP	GTE fil	e save					
	-					0 0411					
		1922	DI Ch	onnol·	1150)						
	Channel :	4233,	DL Cha	annel :	4458)				D	, т	Erog (Chonnol
*	Agilent								R		Freq/Channel
₩ / FCC	Agilent ID:A3LGT		4MHz	Span C				Mkr1	850.0	00 MHz	
₩ / FCC Ref 2	Agilent ID:A3LGT 25 dBm			Span C				Mkr1		00 MHz	Center Freq
¥¥ / FCC Ref 2 #Avg	Agilent ID:A3LGT 25 dBm		4MHz	Span C				Mkr1	850.0	00 MHz	
₩ / FCC Ref 2 #Avg Log	Agilent ID:A3LGT 25 dBm		4MHz	Span C				Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz
₩ FCC Ref 2 #Avg Log 10	Agilent ID:A3LGT 25 dBm		4MHz	Span C				Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq
₩ / Ref 2 #Avg Log 10 dB/	Agilent ID:A3LGT 25 dBm		4MHz	Span C				Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz
FCC Ref 2 #Avg Log 10 dB/ Offst	Agilent ID:A3LGT 25 dBm		4MHz	Span C				Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz
₩ / FCC Ref 2 #Avg Log 10 dB/	Agilent ID:A3LGT 25 dBm		4MHz	Span C				Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq
FCC Ref 2 #Avg Log 10 dB/ 0ffst 7.95	Agilent ID:A3LGT 25 dBm		4MHz	Span C				Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz
★ / FCC Ref 2 #Avg Log 10 dB/ 0ffst 7.95 dB DI -13.0	Agilent ID:A3LGT 25 dBm		4MHz	Span C				Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz
FCC Ref 2 #Avg Log 10 dB/ 0ffst 7.95 dB DI	Agilent ID:A3LGT 25 dBm		4MHz	Span C	h.4458			Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step
FCC Ref 2 #Avg Log 10 dB/ 0ffst 7.95 dB DI -13.0 dBm PAvg	Agilent ID:A3LGT 25 dBm 1 t		4MHz	Span C				Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step 400.000000 kHz
<pre> ★ J FCC Ref 2 #Avg Log 10 dB/ 0ffst 7.95 dB DI -13.0 dBm PAvg 100</pre>	Agilent ID:A3LGT 25 dBm 1 1 0		4MHz	Span C	h.4458			Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step
Image: Weight of the second	Agilent ID:A3LGT 25 dBm 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4MHz	Span C	h.4458			Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step 400.00000 kHz Auto
<pre> ★ J FCC Ref 2 #Avg Log 10 dB/ 0ffst 7.95 dB DI -13.0 dBm PAvg 100</pre>	Agilent ID:A3LGT 25 dBm 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4MHz	Span C	h.4458			Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step 400.000000 kHz
Image: Weight of the second symmetry of the	Agilent ID:A3LGT 25 dBm 3 4 0 52 -C		4MHz	Span C	h.4458			Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step 400.000000 kHz Auto Freq Offset
<pre></pre>	Agilent ID:A3LGT 25 dBm 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5		4MHz	Span C	h.4458			Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step 400.000000 kHz Auto Freq Offset 0.000000 Hz
<pre></pre>	Agilent ID:A3LGT 25 dBm 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5		4MHz	Span C	h.4458			Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step 400.000000 MHz CF Step 400.000000 MHz Freq Offset 0.0000000 Hz Signal Track
<pre></pre>	Agilent ID:A3LGT 25 dBm 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5		4MHz	Span C	h.4458			Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step 400.000000 kHz Auto Freq Offset 0.000000 Hz
₩ I FCC Ref 2 #Avg 10 dB/ 0ffst 0ffst 7.95 dB DI -13.0 4Bm PAvg 100 W1 \$\$ S3 F £(f): FTun Swp \$\$	Agilent ID:A3LGT 25 dBm 4 5 5 5 5 5 5 5 5 5 5 5 5 5	N7100	4MHz	Span C	h.4458			Mkr1	850.0	00 MHz	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step 400.000000 MHz CF Step 400.000000 MHz Freq Offset 0.0000000 Hz Signal Track
₩ I FCC Ref 2 #Avg 10 dB/ 0ffst 7.95 dB DI -13.0 dBm PAvg 100 W1 \$ S3 F £(f): FTun Swp Cent Cent	Agilent ID:A3LGT 25 dBm 9 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	N7100	4MHz	Span C	h.4458				850.0 -15.67	00 MHz 9 dBm	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step 400.000000 MHz CF Step 400.000000 MHz Freq Offset 0.0000000 Hz Signal Track
₩ I FCC Ref 2 #Avg 10 dB/ 0ffst 7.95 dB DI -13.0 dBm PAvg 100 W1 \$ S3 F £(f): FTun Swp Cent Cent	Agilent ID:A3LGT 25 dBm 4 5 5 5 5 5 5 5 5 5 5 5 5 5	N7100	4MHz	Span C 30 dB	h.4458		S1	Mkr1	850.0 -15.67	00 MHz 9 dBm	Center Freq 852.000000 MHz Start Freq 850.000000 MHz Stop Freq 854.000000 MHz CF Step 400.000000 MHz CF Step 400.000000 MHz Freq Offset 0.0000000 Hz Signal Track

(UL Channel : 4132, DL Channel : 4357)

A3LGTN7100BAND 2



(UL Channel : 9538, DL Channel : 9938)



₩ A	lgilent								F	я т	Freq/Channel
FCC 1	ID:A3LGT	N7100	Cond	Spur Cl	h.9662						
	5 dBm		Atten								Center Freq
#Peak								1			1.26500000 GHz
Log											
10											Start Freq
dB/											30.0000000 MHz
Offst											
8.81											Stop Freq
dB											2.50000000 GHz
DI									-		
-13.0 dBm	'										CF Step
											247.000000 MHz
LgAv											<u>Auto</u> Man
M1 S								-11			
63 E								Ш			Freq Offset
55 6	C	1999-998 ⁹⁹⁹ -999 ⁹⁹ -999 ⁹ -	a la desta de la composición de la comp		anterphyroth	and and produced by	a lange to the second	inti dense			0.00000000 Hz
£ (f):											
FTun											Signal Track
Swp											On <u>Off</u>
1.15											
. .		011							<u> </u>		
	r 1.265						~		Span 2.		
#Kes	BW 1 MH:	Z		#V	BW 1 M	Hz	Swee	p 4.12	2 ms (60	01 pts)	
File (Operatio	n Stat	us, C:\	TEMP.	GIF fil	e save	ed 👘				
			DI GI		0000)						
(UL C	hannel :	9262,	DL Cha	annel :	9662)						
		9262,	DL Cha	annel :	9662)				F	۲	Freg/Channel
* A	gilent							м			Freq/Channel
🔆 🗚	lgilent ID:A3LGT		Cond	Spur C				М	kr1 1.8	42 GHz	Center Freq
¥ A FCC I Ref 2	lgilent ID:A3LGT 5 dBm			Spur C				М	kr1 1.8		
<mark>₩ A</mark> FCC I Ref 2 #Peak	lgilent ID:A3LGT 5 dBm		Cond	Spur C				М	kr1 1.8	42 GHz	Center Freq
¥ A FCC I Ref 2	lgilent ID:A3LGT 5 dBm		Cond	Spur C				M	kr1 1.8	42 GHz	Center Freq 936.200000 MHz
₩ A FCC I Ref 2 #Peak Log	lgilent ID:A3LGT 5 dBm		Cond	Spur C				М	kr1 1.8	42 GHz	Center Freq
FCC I Ref 2 #Peak Log 10 dB/ Offst	lgilent ID:A3LGT 5 dBm		Cond	Spur C				M	kr1 1.8	42 GHz	Center Freq 936.200000 MHz Start Freq
FCC 1 Ref 2 #Peak Log 10 dB/ Offst 8.81	lgilent ID:A3LGT 5 dBm		Cond	Spur C				M	kr1 1.8	42 GHz	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz
★ A FCC 1 Ref 2 #Peak Log 10 dB/ 0ffst 8.81 dB	lgilent ID:A3LGT 5 dBm		Cond	Spur C				M	kr1 1.8	42 GHz	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq
★ A FCC I Ref 2 #Peak Log 10 dB/ 0ffst 8.81 dB DI	kgilent ID:A3LGT S dBm S		Cond	Spur C				M	kr1 1.8	42 GHz	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz
★ A FCC I Ref 2 #Peak Log 10 dB/ 0ffst 8.81 dB DI -13.0	kgilent ID:A3LGT S dBm S		Cond	Spur C				M	kr1 1.8	42 GHz	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz
★AFCC IRef 2#PeakLog10dB/0ffst8.81dBDI-13.0dBm	kgilent ID:A3LGT S dBm S		Cond	Spur C				M	kr1 1.8	42 GHz	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq
★ A FCC I Ref 2 #Peak Log 10 dB/ 0ffst 8.81 dB DI -13.0	kgilent ID:A3LGT S dBm S		Cond	Spur C				M	kr1 1.8	42 GHz	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz
★ A FCC I Ref 2 #Peak Log 10 dB/ Offst 8.81 dB DI -13.0 dBm LgAv	Agilent ID:A3LGT IS dBm IS IS I		Cond	Spur C				M	kr1 1.8	42 GHz	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz CF Step 181.240000 MHz Auto
★ A FCC I Ref 2 #Peak Log 10 dB/ 0ffst 8.81 dB DI -13.0 dBm LgAv M1 S	Agilent ID:A3LGT 5 dBm 5 dBm 2 2	N7100	Cond Atten	Spur C 30 dB	h.9662				kr1 1.8 -19.9	42 GHz 2 dBm	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz CF Step 181.240000 MHz Auto Man Freq Offset
★ A FCC I Ref 2 #Peak Log 10 dB/ Offst 8.81 dB DI -13.0 dBm LgAv	Agilent ID:A3LGT 5 dBm 5 dBm 2 2		Cond Atten	Spur C 30 dB	h.9662				kr1 1.8	42 GHz 2 dBm	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz CF Step 181.240000 MHz Auto
★ A FCC I Ref 2 *Peak Log 10 dB/ 0ffst 8.81 dB DI -13.0 dBm LgAv M1 S S3 F	Agilent ID:A3LGT 5 dBm 5 dBm 2 2	N7100	Cond Atten	Spur C 30 dB	h.9662				kr1 1.8 -19.9	42 GHz 2 dBm	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz CF Step 181.240000 MHz Auto Man Freq Offset
★ A FCC I Ref 2 *Peak Log 10 dB/ Offst 8.81 dB DI -13.0 dBm LgAv M1 S S3 F £(f):	Agilent ID:A3LGT 5 dBm 5 dBm 2 2	N7100	Cond Atten	Spur C 30 dB	h.9662				kr1 1.8 -19.9	42 GHz 2 dBm	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz CF Step 181.240000 MHz Auto Man Freq Offset 0.0000000 MHz
<pre></pre>	Agilent ID:A3LGT 5 dBm 5 dBm 2 2	N7100	Cond Atten	Spur C 30 dB	h.9662				kr1 1.8 -19.9	42 GHz 2 dBm	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz CF Step 181.240000 MHz Auto Freq Offset
★ A FCC I Ref 2 *Peak Log 10 dB/ Offst 8.81 dB DI -13.0 dBm LgAv M1 S S3 F £(f):	Agilent ID:A3LGT 5 dBm 5 dBm 2 2	N7100	Cond Atten	Spur C 30 dB	h.9662				kr1 1.8 -19.9	42 GHz 2 dBm	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz CF Step 181.240000 MHz Auto Freq Offset 0.00000000 Hz Signal Track
<pre></pre>	Agilent ID:A3LGT S dBm C C C	N7100	Cond Atten	Spur C 30 dB	h.9662				kr1 1.8 -19.9	42 GHz	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz CF Step 181.240000 MHz Auto Freq Offset 0.00000000 Hz Signal Track
<pre></pre>	Agilent ID:A3LGT 5 dBm 5 dBm 6 2 2 2 2 2 4 5 dBm 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	N7100	Cond Atten	Spur C 30 dB	h.9662				kr1 1.8 -19.9	42 GHz 2 dBm	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz CF Step 181.240000 MHz Auto Freq Offset 0.00000000 Hz Signal Track
<pre></pre>	Agilent ID:A3LGT S dBm C C C	N7100	Cond Atten	Spur C 30 dB	h.9662				kr1 1.8 -19.9	42 GHz 2 dBm	Center Freq 936.200000 MHz Start Freq 30.0000000 MHz Stop Freq 1.84240000 GHz CF Step 181.240000 MHz Auto Freq Offset 0.00000000 Hz Signal Track

_

*	Agi	lent								F	: T	Freq/Channel
			N7100	Cond	Spur C	h.9662			Mkr1	1.862	4 GHz	Contor From
		dBm		Atten	30 dB					-25.2	8 dBm	Center Freq 2.18120000 GHz
#Pea	ik											2.10120000 0112
Log 10	-											Start Freq
dB/												1.86240000 GHz
Offs	t											1.002 10000 0112
8.81												Stop Freq
dB												2.50000000 GHz
DI -13.	۵ŀ											
dBm	ן ט. 1											CF Step
LgAv	, ¶	•										63.7600000 MHz
L gin												<u>Auto</u> Man
M1 :	S2											Freq Offset
\$3 F	FC	L. Horange	forgeliteration			ad when the second	and the Analysis	-	man	how the second		0.00000000 Hz
£ (f)												Signal Track
FTur Swp	ן ו											On <u>Off</u>
Juh												
	L	0.4.04	0.011									
		2.181					11_	6			.6 MHz	
		W 1 MH				BW 1 M			p 1.08	ms (60	I pts)	
File			n Stat	us, C:'			e save	d				
			9262,	DL Cha	annel :	9662)				_	_	
		annel : lent	9262,	DL Cha	annel :	9662)				F	: т	Freq/Channel
₩ FCC	Agi ID:	lent :A3LGT	9262, N7100	Cond	Spur C				Mkr1	13.6	12 GHz	
₩ FCC Ref	Agi ID: 25	lent			Spur C				Mkr1	13.6		Center Freq
¥¥ FCC Ref #Pea	Agi ID: 25	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	
₩ FCC Ref #Pea Log	Agi ID: 25	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz
₩ FCC Ref #Pea Log 10	Agi ID: 25	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq
₩ G Ref #Pea Log dB/ Offs	Agi ID: 25 ak	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz
FCC Ref #Pea Log 10 dB/ Offs 11.4	Agi ID: 25 ak	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz
FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB	Agi ID: 25 ak	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq
FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI	Agi ID: 25 ik [lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
★ G FCC Ref #Pea Log 10 dB/ 0ffs: 11.4 dB DI -13.	Agi ID: 25 ik [lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step
₩ FCC Ref Log 10 dB/ 0ffs 11.4 dB DI -13. dBm	Agii ID: 25 ik [.0	lent :A3LGT		Cond	Spur C				Mkr1	13.6	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz
★ G FCC Ref #Pea Log 10 dB/ 0ffs: 11.4 dB DI -13.	Agii ID: 25 ik [.0	lent :A3LGT		Cond	Spur C	h.9662				. 13.6 -34.4	12 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step
FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13. dBm LgAv V1	Agi ID: 25 ik [lent :A3LGT dBm	N7100	Cond Atten	Spur C	h.9662		\$. 13.6 -34.4	12 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13. dBm LgAv V1	Agi ID: 25 ik t	lent :A3LGT		Cond Atten	Spur C	h.9662		\$. 13.6 -34.4	12 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz
<pre> ★ A FCC Ref #Pea Log 10 dB/ Offs: 11.4 dB DI -13. dBm LgAv V1 S3 F </pre>	Agi ID: 25 ik [.0 t .0 FC:	lent :A3LGT dBm	N7100	Cond Atten	Spur C	h.9662		\$. 13.6 -34.4	12 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset
<pre> ★ 6 ★ 6 ★ 7 FCC Ref #Pea Log 10 dB/ 0ffs: 11.4 dB DI -13. dBm LgAv V1 S3 F £(f) </pre>	Agii ID: 25 ik t	lent :A3LGT dBm	N7100	Cond Atten	Spur C	h.9662	Weylowy	\$. 13.6 -34.4	12 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz
<pre></pre>	Agii ID: 25 ik t	lent :A3LGT dBm	N7100	Cond Atten	Spur C	h.9662	www.have	\$. 13.6 -34.4	12 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset
<pre> ★ 6 ★ 6 ★ 7 FCC Ref #Pea Log 10 dB/ 0ffs: 11.4 dB DI -13. dBm LgAv V1 S3 F £(f) </pre>	Agii ID: 25 ik t	lent :A3LGT dBm	N7100	Cond Atten	Spur C	h.9662	www.cherne	\$. 13.6 -34.4	12 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz Signal Track
FCC Ref #Pea Log 10 dB/ Offs: 11.4 dB DI -13. dBm LgAv V1 : S3 F £(f) FTur Swp	Agi ID: 25 ak [.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	lent :A3LGT dBm	N7100	Cond Atten	Spur C	h.9662		\$	······································	-34.4	12 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz Signal Track
FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13. dBm LgAv V1 S3 F £(f) FTur Swp Cent	Agi ID: 25 ak [.0 52 FC: 	lent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9662		Juliana and Andrea		pan 17	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz Signal Track
<pre> # Contemporal State # Peaa Log 10 dB/ 0ffs: 11.4 dB DI -13. dBm LgAv V1 S3 F £(f) FTur Swp Cent #Res </pre>	Agi ID: 25 ak [.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	lent :A3LGT dBm 	N7100	Cond Atten	Spur C 30 dB	h.9662	Hz	Sweep	······································	pan 17	12 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz Signal Track

*	Agilent									F	х Т	Freq/Channel
FCC	ID:A3LG	TN7100	Cond	Spur C	h.9800							Conton From
	25_dBm		Atten	30 dB								Center Freq 1.26500000 GHz
#Pea	k 🔤											1.20300000 0H2
Log												C
10 dB/												Start Freq 30.0000000 MHz
0ffst	.											30.0000000 MHZ
8.83												
dB												Stop Freq
DI												2.50000000 GHz
-13.	0											CF Step
dBm												247.000000 MHz
LgAv												Auto Man
M1 \$	52			1								Freq Offset
53 F	C		the state of the s	malle at a second	and the second second	1		hou fr	- Alas	ىلىل <u>ەنتى</u> تىن	and the second	0.00000000 Hz
£ (f):												
FTun												Signal Track
Swp												0n <u>Off</u>
° ",												
. .											47.011	
	er 1.265						~	,			47 GHz	
	BW 1 M				'BW 1 M			р4.	.12	ms (60)1 pts)	
File	Operati	on Stat	us, C:\	TEMP .	GIF fil	e save	d					
	Channel	: 9400,	DL Cha	annel :	9800)							
	Channel Agilent	: 9400,	DL Cha	annel :	9800)					F	۲	Freq/Channel
*				annel: Spur C					Mk		≀ T 370 GHz	
₩ / FCC Ref 2	<mark>Agilent</mark> ID:A3LG 25 dBm			Spur C					Mk	r1 1.8		Center Freq
¥¥ / FCC Ref 2 #Pea	<mark>Agilent</mark> ID:A3LG 25 dBm		Cond	Spur C					Mk	r1 1.8	70 GHz	
₩ / FCC Ref 2 #Pea Log	<mark>Agilent</mark> ID:A3LG 25 dBm		Cond	Spur C					Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz
₩ / FCC Ref 2 #Pea Log 10	<mark>Agilent</mark> ID:A3LG 25 dBm		Cond	Spur C					Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq
₩ / Ref 2 #Pea Log 10 dB/	Agilent ID:A3LG 25 dBm k		Cond	Spur C					Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz
₩ / Ref 2 #Pea Log 10 dB/ Offst	Agilent ID:A3LG 25 dBm k		Cond	Spur C					Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz
₩ / Ref 2 #Pea Log 10 dB/	Agilent ID:A3LG 25 dBm k		Cond	Spur C					Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq
FCC Ref 2 #Pea Log 10 dB/ 0ffst 8.83 dB	Agilent ID:A3LG 25 dBm k		Cond	Spur C					Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz
FCC Ref 2 #Pea Log 10 dB/ 0ffst 8.83 dB DI -13.0	Agilent ID:A3LG' 25 dBm k		Cond	Spur C					Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz
★ I FCC Ref 2 #Pea Log 10 dB/ 0ffst 8.83 dB DI	Agilent ID:A3LG' 25 dBm k		Cond	Spur C					Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz
FCC Ref 2 #Pea Log 10 dB/ 0ffst 8.83 dB DI -13.0	Agilent ID:A3LG ⁻ 25 dBm k		Cond	Spur C					Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz CF Step 184.000000 MHz
₩ I FCC Ref 2 #Pea Log 10 dB/ 0ffst 8.83 dB DI -13.1 dBm LgAv	Agilent ID:A3LG' 25 dBm k		Cond	Spur C					Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz
<pre> ★ I FCC Ref 2 #Pea Log 10 dB/ Offst 8.83 dB DI -13.0 dBm LgAv M1 ≤ </pre>	Agilent ID:A3LG 25 dBm k 		Cond Atten	Spur C 30 dB	h.9800				Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz 184.000000 MHz Auto Freq Offset
<pre> ★ I FCC Ref 2 #Pea Log 10 dB/ Offst 8.83 dB DI -13.0 dBm LgAv M1 ≤ </pre>	Agilent ID:A3LG 25 dBm k 		Cond	Spur C 30 dB	h.9800				Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz 184.000000 MHz Auto Freq Offset
₩IFCCRef 2Log10dB/0ffst8.83dBDI-13.1dBmLgAvM1\$3F	Agilent ID:A3LG 25 dBm k 	TN7100	Cond Atten	Spur C 30 dB	h.9800				Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz 184.000000 MHz Auto Freq Offset
₩ I FCC Ref 2 #Pea Log 10 dB/ 0ffst 8.83 dB DI -13.1 dBm LgAv M1 \$ S3 F £(f):	Agilent ID:A3LG 25 dBm k 	TN7100	Cond Atten	Spur C 30 dB	h.9800				Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz 184.000000 MHz Auto Freq Offset 0.0000000 Hz
₩ I FCC Ref 2 #Pea Log 10 dB/ 0ffst 8.83 dB DI -13.1 dBm LgAv M1 ≤ S3 F £(f): FTun FTun	Agilent ID:A3LG 25 dBm k 	TN7100	Cond Atten	Spur C 30 dB	h.9800				Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz 184.000000 MHz Auto Freq Offset
₩ I FCC Ref 2 #Pea Log 10 dB/ 0ffst 8.83 dB DI -13.1 dBm LgAv M1 \$ S3 F £(f):	Agilent ID:A3LG 25 dBm k 	TN7100	Cond Atten	Spur C 30 dB	h.9800	4/paths/b	· · · · · · · · · · · · · · · · · · ·		Mk	r1 1.8	70 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz CF Step 184.000000 MHz Auto Freq Offset 0.0000000 Hz Signal Track
₩IFCCRef 2#PeaLog10dB/Offst8.83dBDI-13.1dBmLgAvM1S3£(f):FTunSwp	Agilent ID:A3LG 25 dBm k	TN7100	Cond Atten	Spur C 30 dB	h.9800					r1 1.8 -19.1	570 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz CF Step 184.000000 MHz Auto Freq Offset 0.0000000 Hz Signal Track
₩IFCCRef:#PeaLog10dB/Offst8.83dBDI-13.0dBmLgAvM1 <	Agilent ID:A3LG 25 dBm k 	TN7100	Cond Atten	Spur C 30 dB	h.9800					r1 1.8 -19.1	84 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz CF Step 184.000000 MHz Auto Freq Offset 0.0000000 Hz Signal Track
<pre> # Pea Log 10 dB/ Offst 8.83 dB DI -13.0 dBm LgAv M1 ≤ S3 F £(f): FTun Swp Cent #Res</pre>	Agilent ID:A3LG 25 dBm k	TN7100	Cond Atten	Spur C 30 dB	h.9800	Hz	Swee			r1 1.8 -19.1	570 GHz	Center Freq 950.000000 MHz Start Freq 30.0000000 MHz Stop Freq 1.87000000 GHz CF Step 184.000000 MHz Auto Freq Offset 0.0000000 Hz Signal Track

(UL Channel : 9400, DL Channel : 9800)

兼	Agi	lent								R	T	Freq/Channel
		:A3LGT	N7100		Spur C	h.9800			Mkr1		0 GHz	Contor From
		dBm		Atten	30 dB					-25.9	1 dBm	Center Freq 2.19500000 GHz
#Pea	ak [2.10300000 0112
Log 10	-											Stort From
dB/	.											Start Freq 1.89000000 GHz
Offs												1.00000000 0112
8.83												Chan Fran
dB												Stop Freq 2.50000000 GHz
DI												2.30000000 0H2
-13												CF Step
dBm	• • •											61.0000000 MHz
LgA	v [<u>Auto</u> Man
V1	S2											
	FC	Sugar	بالم الم	and and a start		. N. co. and		de	- where we	بالداد والمراجع	A. Maria	Freq Offset 0.00000000 Hz
Ň	' Ŭ	Reading Co.	al and a second	an the second second	a second second			a a caracteria da caracteri	Press Marchenel			0.00000000 HZ
£ (f)):											
FTu	n											Signal Track
Swp												On <u>Off</u>
Cen	ter L	2.195	0 GHz			1			S	ipan 61	0 MHz	
		√1 MH;			#V	BW 1 M	Hz	Swee	p 1.04 i			
File	0n	eratio	n Stat	us, C:'	TEMP	GTE fil	e save					
			$(\Delta A (M))$	()	onnol'	(1)						
			9400,	DL Cha	annel :	9800)				D	т	Erog/Channel
₩	Agi	lent							- LII - 4	R		Freq/Channel
₩ FCC	Agi ID:	lent :A3LGT		Cond	Spur C				Mkr1	13.8	17 GHz	
₩ FCC Ref	Agi ID: 25	lent			Spur C			1	Mkr1	. 13.8		· · · · · · · · · · · · · · · · · · ·
¥ FCC Ref #Pea	Agi ID: 25	lent :A3LGT		Cond	Spur C				Mkr1	. 13.8	17 GHz	Center Freq
₩ FCC Ref #Pea Log	Agi ID: 25	lent :A3LGT		Cond	Spur C				Mkr1	. 13.8	17 GHz	Center Freq 11.2500000 GHz
¥ FCC Ref #Pea	Agi : ID: 25 ak [lent :A3LGT		Cond	Spur C				Mkr1	. 13.8	17 GHz	Center Freq
₩ FCC Ref #Pea Log 10 dB/ Offs	Agi 25 ak [3t	lent :A3LGT		Cond	Spur C				Mkr1	. 13.8	17 GHz	Center Freq 11.2500000 GHz Start Freq
₩ FCC Ref #Pea Log 10 dB/ Offs 11.4	Agi 25 ak [3t	lent :A3LGT		Cond	Spur C				Mkr1	. 13.8	17 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz
₩ FCC Ref Log 10 dB/ Offs 11.4 dB	Agi 25 ak [3t	lent :A3LGT		Cond	Spur C				Mkr1	. 13.8	17 GHz	Center Freq 11.2500000 GHz Start Freq
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI	Agi 25 ak 3 t	lent :A3LGT		Cond	Spur C				Mkr1	. 13.8	17 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI _13	Agi : ID: 25 ak [; ; ; ; ; ;	lent :A3LGT		Cond	Spur C				Mkr1	. 13.8	17 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
₩ FCC Ref #Pea Log 10 dB/ Offs 11.4 dB DI -13 dBm	Agi 25 25 ak [, , , , , , , , , , , , , , , , , , ,	lent :A3LGT		Cond	Spur C				Mkr1	. 13.8	17 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI _13	Agi 25 25 ak [, , , , , , , , , , , , , , , , , , ,	lent :A3LGT		Cond	Spur C					. 13.8 -34.7	17 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA	Agi 25 25 ak [, , , , , , , , , , , , , , , , , , ,	lent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9800	لا اللمولى راير	\$	Mkr1	. 13.8 -34.7	17 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA	Agi 25 ak 4	lent :A3LGT dBm		Cond Atten	Spur C 30 dB			\$. 13.8 -34.7	17 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
<pre> # FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgAn V1 S3 </pre>	Agi 25 25 ak 3t 4 .0 V S2 FC	lent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9800		\$. 13.8 -34.7	17 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz <u>Auto</u> Man
<pre> # FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgAⁿ S3 £(f)</pre>	Agi 25 25 ak 4 .0 v 52 FC	lent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9800		\$. 13.8 -34.7	17 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz
<pre> # FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgAⁿ V1 S3 £(f) FTui </pre>	Agi 25 25 ak 4 .0 V S2 FC):	lent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9800		\$. 13.8 -34.7	17 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre> # FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgAⁿ S3 £(f)</pre>	Agi 25 25 ak 4 .0 V S2 FC):	lent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9800		\$. 13.8 -34.7	17 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz
<pre> #FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA⁺ S3 £(f) FTu Swp</pre>	Agi 25 25 ak 4 .0 V S2 FC):	lent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9800		\$. 13.8 -34.7	17 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre></pre>	Agi 25 25 ak 4 .0 V S2 FC .0 N ter	lent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9800				- 13.8 34.7	17 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre></pre>	Agi 25 25 ak 4 .0 V S2 FC .0 N ter	lent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9800				- 13.8 34.7	17 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track

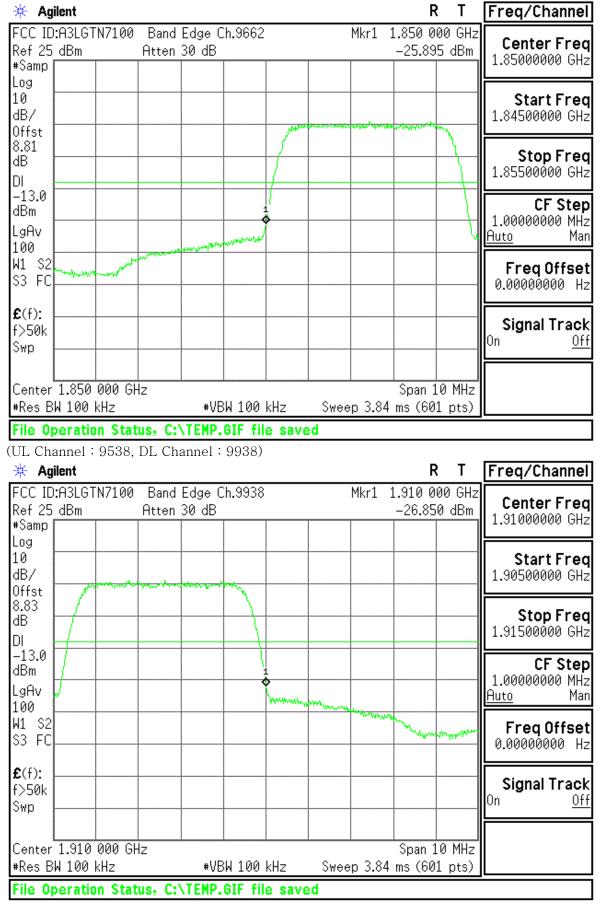
(UL Channel : 9400, DL Channel : 9800)

(UL Chi	ilent								I	RТ	Freq/Channel
		N7100		Spur Cł	n.9938						Center Freq
Ref 25 #Peak	dBm		Atten	30 dB							1.26500000 GHz
Log 10 dB/ Offst											Start Freq 30.0000000 MHz
8.83 dB DI											Stop Freq 2.50000000 GHz
-13.0 dBm LgAv											CF Step 247.000000 MHz <u>Auto</u> Man
M1 S2 S3 FC			den and the	and the same	ykałstywyw	-	₩	ware lo	****		Freq Offset 0.00000000 Hz
€(f): FTun Swp											Signal Track On <u>Off</u>
	1.265 W 1 MH			+V{	BW 1 M	Hz	Swee		 Span 2. 2 ms (60		
				TEMP	ATE						
File O	peratio	n Stat	us, c:	VIEWP.	GIF TI	e save	a				
(UL Ch	annel :					e save	a				
(UL Cha	annel: ilent	9538,	DL Cha	annel :	9938)	e save	d	м		R T	Freq/Channel
(UL Chi * Ag FCC ID Ref 25 #Peak	annel : ilent):A3LGT	9538,	DL Cha	annel: Spur Ch	9938)		:a	M	kr1 1.8	R T 398 GH2 45 dBm	Center Freq
(UL Chi Ag FCC ID Ref 25 #Peak Log 10 dB/	annel : ilent):A3LGT	9538,	DL Cha	annel: Spur Ch	9938)		:d	M	kr1 1.8	398 GH:	Center Freq 963.800000 MHz Start Freq
(UL Chi Ag FCC ID Ref 25 #Peak Log 10 dB/ 0ffst 8.83 dB DI	annel : ilent):A3LGT	9538,	DL Cha	annel: Spur Ch	9938)		:d	M	kr1 1.8	398 GH:	Center Freq 963.800000 MHz Start Freq 30.0000000 MHz Stop Freq
(UL Chi Ag FCC ID Ref 25 #Peak Log 10 dB/ 0ffst 8.83 dB	annel : ilent):A3LGT	9538,	DL Cha	annel: Spur Ch	9938)		:d	M	kr1 1.8	398 GH:	Center Freq 963.800000 MHz Start Freq 30.0000000 MHz Stop Freq 1.89760000 GHz CF Step 186.760000 MHz
(UL Chi Ag FCC ID Ref 25 #Peak Log 10 dB/ Offst 8.83 dB DI -13.0 dBm	annel : ilent D:A3LGT dBm	9538, N7100	DL Cha	annel : Spur Ch 30 dB	9938)				kr1 1.8	398 GH: 45 dBm	Center Freq 963.800000 MHz Start Freq 30.0000000 MHz Stop Freq 1.89760000 GHz 186.760000 MHz <u>Auto</u> Man Freq Offset
(UL Chi Ag FCC ID Ref 25 #Peak Log 10 dB/ Offst 8.83 dB DI -13.0 dBm LgAv V1 S2	annel : ilent D:A3LGT dBm	9538, N7100	DL Cha	annel : Spur Ch 30 dB	9938)				kr1 1.8	398 GH: 45 dBm	Center Freq 963.800000 MHz Start Freq 30.0000000 MHz Stop Freq 1.89760000 GHz CF Step 186.760000 MHz Auto Freq Offset 0.00000000 Hz
(UL Ch: * Ag FCC ID Ref 25 #Peak Log 10 dB/ 0ffst 8.83 dB DI -13.0 dBm LgAv V1 S2 S3 FC £(f): FTun Swp	annel : ilent D:A3LGT dBm	9538, N7100	DL Cha	annel : Spur Ch 30 dB	9938)			*****	kr1 1.8 -20.4	398 GH: 45 dBm	Center Freq 963.800000 MHz Start Freq 30.0000000 MHz Stop Freq 1.89760000 GHz CF Step 186.760000 MHz Man Freq Offset 0.00000000 Hz Signal Track On
(UL Chi * Ag FCC ID Ref 25 * Peak Log 10 dB/ Offst 8.83 dB DI -13.0 dBm LgAv V1 S2 S3 FC £ (f): FTun Swp Center	annel : ilent D:A3LGT dBm	9538, N7100	DL Cha	annel : Spur Ch 30 dB	9938)			s	kr1 1.8	398 GH: 45 dBm	Center Freq 963.800000 MHz Start Freq 30.0000000 MHz Stop Freq 1.89760000 GHz CF Step 186.760000 MHz Man Freq Offset 0.00000000 Hz Signal Track On

(UL Channel : 9538, DL Channel : 9938)

*	Agi	ilent								F	? T	Freq/Channel
			N7100		Spur C	h.9938			Mkr1		'6 GHz	Contor From
		dBm		Atten	30 dB			-		-28.5	5 dBm	Center Freq 2.20880000 GHz
#Pea	ak											2.20000000 0112
Log 10												Start Freq
dB/												1.91760000 GHz
Offs	it											101100000 0112
8.83	3											Stop Freq
dB												2.50000000 GHz
DI -13	6											
dBm												CF Step
LgA	- 1	>										58.2400000 MHz
2.311												<u>Auto</u> Man
	S2											Freq Offset
\$3	FC	Ashtinak	-		trad at the Market	strife deliver	Abbert Street	*****	4.00. million 1940	hypersongles		0.00000000 Hz
£ (f) FTu												Signal Track
Swp												On <u>Off</u>
1.10												
Con	+or	2.208	8 GH-						Sn	an 582	/ MH-7	
		2.200 W 1 MH			#\/	BW 1 M	Hz	S	леер 1			
				us, C:'						1110 (00	1 pto/	
L UC			in stat				e 30ve	su -				
(TIL)	Ch	onnol ·	0538	DI Ch	onnol ·	00381						
			9538,	DL Cha	annel :	9938)				G	, т	Freq/Channel
₩	Agi	ilent							ML	F		Freq/Channel
₩ FCC	Ag i ID	ilent :A3LGT	9538, N7100	Cond	Spur C				Mkr1	L 14.9	54 GHz	
₩ FCC Ref	Agi ID 25	ilent			Spur C				Mkri	L 14.9		
₩ FCC	Agi ID 25	ilent :A3LGT		Cond	Spur C				Mkr1	L 14.9	54 GHz	Center Freq
₩ FCC Ref #Pea Log 10	Ag i 25 ak	ilent :A3LGT		Cond	Spur C				Mkr1	L 14.9	54 GHz	Center Freq 11.2500000 GHz Start Freq
₩ FCC Ref #Pea Log 10 dB/	Agi 1D 25 ak	ilent :A3LGT		Cond	Spur C				Mkr1	L 14.9	54 GHz	Center Freq 11.2500000 GHz
₩ FCC Ref #Pea Log 10 dB/ Offs	Agi 25 ak	ilent :A3LGT		Cond	Spur C				Mkri	L 14.9	54 GHz	Center Freq 11.2500000 GHz Start Freq
₩ FCC Ref #Pea Log 10 dB/ Offs 11.4	Agi 25 ak	ilent :A3LGT		Cond	Spur C				Mkr1	L 14.9	54 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq
₩ FCC Ref ±Pea Log 10 dB/ 0ffs 11.4 dB	Agi 25 ak	ilent :A3LGT		Cond	Spur C				Mkr1	L 14.9	54 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI _13	Ag ID 25 ak	ilent :A3LGT		Cond	Spur C				Mkr1	L 14.9	54 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz
₩ FCC Ref #Pea Log 10 dB/ Offs 11.4 dB DI -13 dBm	Agi ID 25 ak	ilent :A3LGT		Cond	Spur C				Mkr1	L 14.9	54 GHz	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI _13	Agi ID 25 ak	ilent :A3LGT		Cond Atten	Spur C 30 dB	h.9938				l 14.9 -34.3	54 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA	Agi 1D 25 ak 1 .0	ilent :A3LGT		Cond Atten	Spur C 30 dB	h.9938				l 14.9 -34.3	54 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Man
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA	Agi 25 ak 1 .0 v \$2	ilent :A3LGT dBm		Cond Atten	Spur C 30 dB	h.9938				l 14.9 -34.3	54 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Man Freq Offset
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA	Agi 1D 25 ak 1 .0	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9938				l 14.9 -34.3	54 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Man
₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA	Agi 25 ak 1 .0 v \$2 FC	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9938				l 14.9 -34.3	54 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz
<pre> # FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgAⁿ V1 S3 £(f) FTu </pre>	Agi 25 ak 1 .0 V \$2 FC): n	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9938				l 14.9 -34.3	54 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre> # FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA^a V1 S3 £(f) </pre>	Agi 25 ak 1 .0 V \$2 FC): n	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9938				l 14.9 -34.3	54 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.0000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.0000000 Hz
<pre>₩ FCC Ref #Pea Log 10 dB/ 0ffs 11.4 dB DI -13 dBm LgA V1 S3 £(f) FTun Swp</pre>	Agi 25 ak .0 v S2 FC): n	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9938				14.9 -34.3	54 GHz 0 dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre></pre>	Agi 1D 25 ak ;t 1 v S2 FC): n ter	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9938			1 • •	pan 17	54 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track
<pre></pre>	Agi 1D 25 ak ;t 1 v S2 FC): n ter	ilent :A3LGT dBm	N7100	Cond Atten	Spur C 30 dB	h.9938				pan 17	54 GHz Ø dBm	Center Freq 11.2500000 GHz Start Freq 2.50000000 GHz Stop Freq 20.000000 GHz CF Step 1.75000000 GHz Auto Freq Offset 0.000000 Hz Signal Track

(UL Channel : 9538, DL Channel : 9938)



*	Agi	ilent								R	? T	Freq/Channel
		:A3LGTN	17100	4MHz	Span C	h.9662			Mkr1 🗄	1.849 0	00 GHz	Contor From
		dBm		Atten	30 dB					-16.50	0 dBm	Center Freq 1.84700000 GHz
.∎#Av	- 1											1.04/00000 0H2
Log												
10 dB/	,											Start Freq
Off:												1.84500000 GHz
8.81												
dB	-											Stop Freq
DI											1	1.84900000 GHz
-13												CE Stop
dBm	n						- the man	-	all and a second se	and a second second		CF Step 400.000000 kHz
PAv		washing a	moon									<u>Auto</u> Man
100												
W1												Freq Offset
\$3	FC											0.00000000 Hz
0/1	、											
€(f) FTu												Signal Track
Swp												On <u>Off</u>
10mp	'											
		1.847 0		Z							4 MHz	
#Re	sВ	W 1 MHz			#V	BW 1 M	Hz	Sw	reep 1	ms (60	1 pts)	
File	: Op	peration	Stati	us, C:\	TEMP.	GIF fil	e save	ed				
	Cha	annel : 9	7238	DI Ch	onnol ·	0038)						
(OL		anner · c	9000, .		anner .	9930)						
		ilent	9000, .		anner .	9900)				R	? Т	Freg/Channel
☀	Agi	ilent							Mkr1 [·]			Freq/Channel
₩ FCC	Agi C ID	ilent :A3LGTN		4MHz	Span C	5958) [h.9938			Mkr1 :	1.911 0	07 GHz	Center Freq
₩ FCC	Agi C ID 25	ilent			Span C				Mkr1 :		07 GHz	
₩ FCC Ref	Agi CID 25	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq
₩ FCC Ref #Av Log 10	Agi 25 29	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq
₩ FCC Ref #Av Log 10 dB/	Agi 25 '9	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz
₩ FCC Ref #Av Log 10 dB/ Offs	Agi 25 25 27	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq
₩ FCC Ref ±Av Log 10 dB/ 0ffs 8.83	Agi 25 25 27	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB	Agi 25 25 27	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI	Agi 25 '9 st 3	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB	Agi 25 '9 '1 3 st 3	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13 dBm	Agi 25 79 7 5 5 3.0	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step 400.000000 kHz
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13	Agi 25 25 25 29 79 79 79 79 79 79 79	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13 dBm PAv	Agi 25 25 25 25 25 25 25 25 25 25 25 25 25	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step 400.000000 kHz <u>Auto</u> Man
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13 dBm PAv 100	Agi 25 79 7 5 5 3.0 7 3.0 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step 400.000000 kHz <u>Auto</u> Man Freq Offset
★ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13 dBm PAv 100 W1 \$3	Agi 25 29 // st 3.0 // S2 FC.	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step 400.000000 kHz <u>Auto</u> Man
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13 dBm PAv 100 W1 S3	Agi 25 29 29 30 30 30 30 52 FC.	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step 400.000000 kHz <u>Auto</u> Man Freq Offset 0.00000000 Hz
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13 dBr PAv 100 W1 S3 £(f, FTu	Agi 25 29 / st 30 1 /9 S2 FC.): in	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step 400.000000 kHz Auto Freq Offset 0.0000000 Hz Signal Track
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13 dBm PAv 100 W1 S3	Agi 25 29 / st 30 1 /9 S2 FC.): in	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step 400.000000 kHz <u>Auto</u> Man Freq Offset 0.00000000 Hz
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13 dBr PAv 100 W1 S3 £(f, FTu	Agi 25 29 / st 30 1 /9 S2 FC.): in	ilent :A3LGTN		4MHz	Span C				Mkr1 :	1.911 0	07 GHz	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step 400.000000 kHz Auto Freq Offset 0.0000000 Hz Signal Track
₩ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13 dBr PAv 100 W1 S3 £(f, FTu Swp	Agi 25 29 / st 30 1 /9 S2 FC.): in	ilent :A3LGTN	17100	4MHz Atten	Span C					1.911 0 -16.30	07 GHz 1 dBm	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step 400.000000 kHz Auto Freq Offset 0.0000000 Hz Signal Track
★ FCC Ref #Av Log 10 dB/ 0ffs 8.83 dB DI -13 dBm PAv 100 W1 S3 £(f) FTu Swp Cen	Agi 25 29 / st 3.0 / S2 FC): in iter	ilent :A3LGTN dBm	17100	4MHz Atten	Span C 30 dB					1.911 0	07 GHz 1 dBm	Center Freq 1.91300000 GHz Start Freq 1.91100000 GHz Stop Freq 1.91500000 GHz CF Step 400.000000 kHz Auto Freq Offset 0.0000000 Hz Signal Track

(UL Channel : 9400, DL Channel : 9800)

🔆 Agilent R Т Freq/Channel Center Freq Mobile Ch Freq 1.88 GHz Trig Free 1.88000000 GHz CCDF 3GPP W-CDMA Counts(k): 10000 Start Freq 1.88000000 GHz 100.00% Reference Gaussian⁻ **Average Power** Stop Freq 22.41 dBm 10.00% 1.88000000 GHz 54.13% **CF** Step 1.00% 5.00000000 MHz Auto Man 10.0% 1.61 dB 0.10% 1.0% 2.44 dB Freq Offset 0.0000000 Hz 0.1% 2.86 dB 0.01% 0.01% 3.09 dB 0.001% 3.19 dB Signal Track 0.001% 0.0001% 3.26 dB 0n Off Peak 3.26 dB 0.0001%0 dB Meas BW 20 dB 5.00000000 MHz Copyright 2000-2007 Agilent Technologies