



PCTEST ENGINEERING LABORATORY, INC.

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CERTIFICATE OF COMPLIANCE FCC Part 22 & 24 Certification

Applicant Name:

Digital Receiver Technology, Inc
20250 Century Boulevard, Suite 300
Germantown, MD 20874-1114
USA

Date of Testing:

February 24 - March 12, May 12, July 21, 2009

Test Site/Location:

PCTEST Lab., Columbia, MD, USA

Test Report Serial No.:

0903030374-R1.DRT

FCC ID:**TBD****APPLICANT:****DIGITAL RECEIVER TECHNOLOGY, INC****Application Type:**

Certification

FCC Classification:

Amplifier (AMP)

FCC Rule Part(s):

§2; §22(H), §24(E)

EUT Type:

Portable Base Station Amplifier

Model(s):

DRT9955B

Tx Frequency Range:

869.4 - 893.6MHz (Cell. GSM) / 1930.2 - 1989.6MHz (PCS GSM)

870.36 - 892.44MHz (Cell. CDMA) / 1932.35 - 1987.4MHz (PCS CDMA)

(Ref Section 2.2)

Max. RF Output Power:

(41.55 dBm Conducted (Cell. GSM)) / (38.00 dBm conducted (PCS GSM))

(42.81 dBm Conducted (Cell. CDMA)) / (38.11 dBm conducted (PCS CDMA))

Emission Designator(s):

246KGXW (Cellular GSM), 249KGXW (PCS GSM)

1M27F9W (Cellular CDMA), 2M24F9W (PCS CDMA)

Test Device Serial No.:

identical prototype [S/N: N/A]

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in §2.947. Test results reported herein relate only to the item(s) tested.

***This revised Test Report (S/N: 0903030374-R1.DRT) supersedes and replaces the previously issued test report on the same subject EUT for the same type of testing as indicated. Please discard and destroy the previously issued test report (S/N: 0903030374.DRT) and dispose of it accordingly.**

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

Grant Conditions: Power output listed is conducted..

PCTEST certifies that no party to this application has been denied the FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862.


Randy Ortanez
President

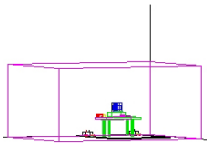


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Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier	Page 1 of 74

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MEASUREMENT REPORT

FCC Part 22 & 24

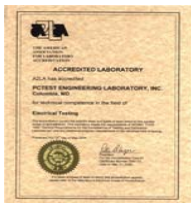


§2.1033 General Information

APPLICANT: Digital Receiver Technology, Inc
APPLICANT ADDRESS: 20250 Century Boulevard, Suite 300
 Germantown, MD 20874-1114
TEST SITE: PCTEST ENGINEERING LABORATORY, INC.
TEST SITE ADDRESS: 6660-B Dobbin Road, Columbia, MD 21045 USA
FCC RULE PART(S): §2; §22(H), §24(E)
BASE MODEL: DRT9955B
FCC ID: TBD
FCC CLASSIFICATION: Amplifier (AMP)
EMISSION DESIGNATOR(S): 246KGXW (Cellular GSM), 249KGXW (PCS GSM)
 1M27F9W (Cellular CDMA), 2M24F9W (PCS CDMA)
MODE: GSM/CDMA
FREQUENCY TOLERANCE: ± 0.00025 % (2.5 ppm)
Test Device Serial No.: N/A ☐ Production ☒ Pre-Production ☐ Engineering
DATE(S) OF TEST: February 24 - March 12, May 12, July 21, 2009
TEST REPORT S/N: 0903030374-R1.DRT

Test Facility / Accreditations

Measurements were performed at PCTEST Engineering Lab located in Columbia, MD 21045, U.S.A.



- PCTEST facility is an FCC registered (PCTEST Reg. No. 90864) test facility with the site description report on file and has met all the requirements specified in Section 2.948 of the FCC Rules and Industry Canada (2451A-1).
- PCTEST Lab is accredited to ISO 17025 by U.S. National Institute of Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP Lab code: 100431-0) in EMC, FCC and Telecommunications.
- PCTEST Lab is accredited to ISO 17025-2005 by the American Association for Laboratory Accreditation (A2LA) in Specific Absorption Rate (SAR) testing, Hearing Aid Compatibility (HAC) testing, CTIA Test Plans, and wireless testing for FCC and Industry Canada Rules.
- PCTEST Lab is a recognized U.S. Conformity Assessment Body (CAB) in EMC and R&TTE (n.b. 0982) under the U.S.-EU Mutual Recognition Agreement (MRA).
- PCTEST TCB is a Telecommunication Certification Body (TCB) accredited to ISO/IEC Guide 65 by the American National Standards Institute (ANSI) in all scopes of FCC Rules and Industry Canada Standards (RSS).
- PCTEST facility is an IC registered (2451A-1) test laboratory with the site description on file at Industry Canada.
- PCTEST is a CTIA Authorized Test Laboratory (CATL) for AMPS, CDMA, and EvDO wireless devices and for Over-the-Air (OTA) Antenna Performance testing for AMPS, CDMA, GSM, GPRS, EGPRS, UMTS (W-CDMA), CDMA 1xEVDO, and CDMA 1xRTT.

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1.0 INTRODUCTION

1.1 Scope

Measurement and determination of electromagnetic emissions (EME) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission.

1.2 Testing Facility

The map below shows the location of the PCTEST LABORATORY, its proximity to the FCC Laboratory, the Columbia vicinity are, the Baltimore-Washington Internt'l (BWI) airport, the city of Baltimore and the Washington, DC area. (See Figure 1-1).

These measurement tests were conducted at the PCTEST Engineering Laboratory, Inc. facility in New Concept Business Park, Guilford Industrial Park, Columbia, Maryland. The site address is 6660-B Dobbin Road, Columbia, MD 21045. The test site is one of the highest points in the Columbia area with an elevation of 390 feet above mean sea level. The site coordinates are 39° 11'15" N latitude and 76° 49'38" W longitude. The facility is 1.5 miles North of the FCC laboratory, and the ambient signal and ambient signal strength are approximately equal to those of the FCC laboratory. There are no FM or TV transmitters within 15 miles of the site. The detailed description of the measurement facility was found to be in compliance with the requirements of § 2.948 according to ANSI C63.4-2003 on January 27, 2006.

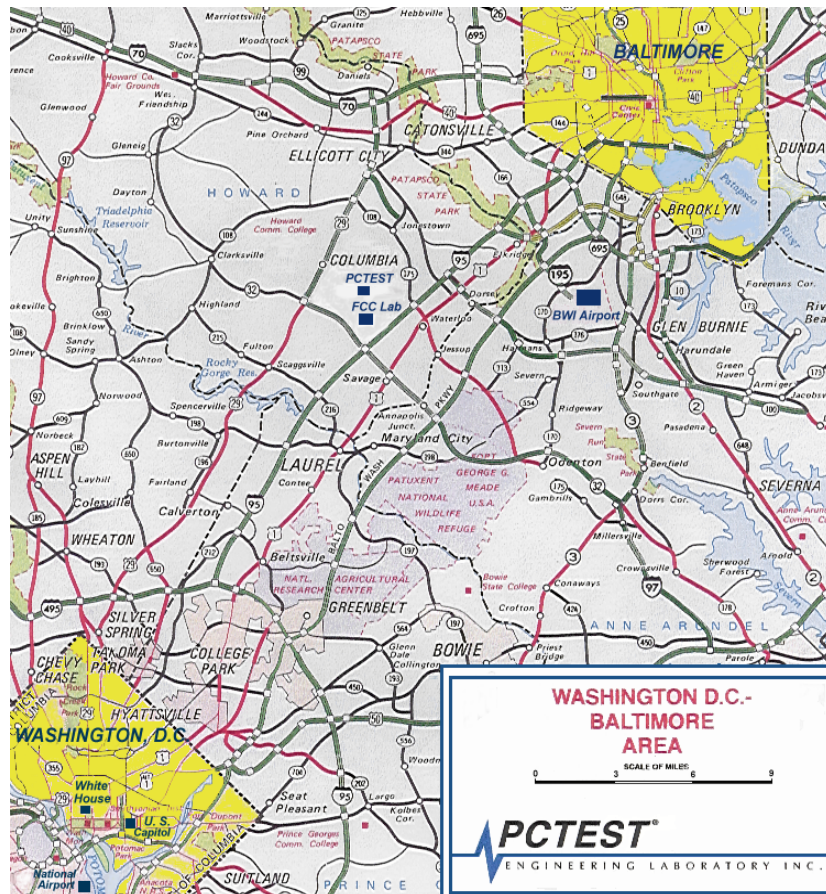


Figure 1-1. Map of the Greater Baltimore and Metropolitan Washington, D.C. area

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
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2.0 PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the **DRT Amplifier, Model: DRT9955B, FCC ID: TBD**. The EUT consisted of the following component(s):

Trade Name / Base Model	FCC ID	Description
DRT / Model: DRT9955B	TBD	Amplifier

Table 2-1. EUT Equipment Description

The DRT9955B is used with the DRT 1201B communication surveyor system. The unit allows for simultaneous dual band operation with two separate Tx inputs. All testing in this report was performed using Tx outputs from a DRT1201B system. Also, additional spurious emissions testing was performed with transmit signals provided to both amplifier inputs.

2.2 EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added during testing.

Due to the amplifier gain and compliance with band edge restriction the operation of the amplifier with the DRT 1201B is limited to operation in the following channels:

- Cellular GSM: Channels 129 – 250
- PCS GSM: Channels 512 – 809
- Cellular CDMA: Channels 12 – 748
- PCS CDMA: Channels 47 - 1148.

2.3 Labeling Requirements

Per 2.925

The FCC identifier shall be permanently affixed to the equipment and shall be readily visible to the purchaser at the time of purchase.

Per 15.19; Docket 95-19

In addition to this requirement, a device subject to certification shall be labeled as follows:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label shall be permanently affixed at a conspicuous location on the device; instruction manual or pamphlet supplied to the user and be readily visible to the purchaser at the time of purchase. However, when the device is so small wherein placement of the label with specified statement is not practical, only the trade name and FCC ID must be displayed on the device per Section 15.19(b)(2).

Please see attachment for FCC ID label and label location.

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3.0 DESCRIPTION OF TESTS

3.1 Measurement Procedure

The radiated spurious measurements were made indoors and validated on an outdoors 3-meter test range (See Figure 3-1). The equipment under test is placed on a wooden turntable 3-meters from the receive antenna. The receive antenna height and turntable rotations were adjusted for the highest reading on the receive spectrum analyzer. This power level was recorded using a broadband average power meter. 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 level is recorded with the power meter. For readings above 1GHz, 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.

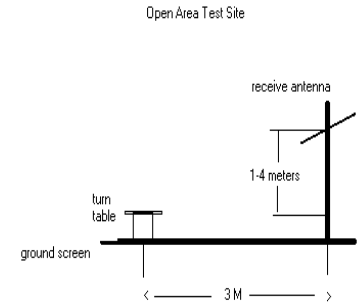


Figure 3-1. Diagram of 3-meter outdoor test range

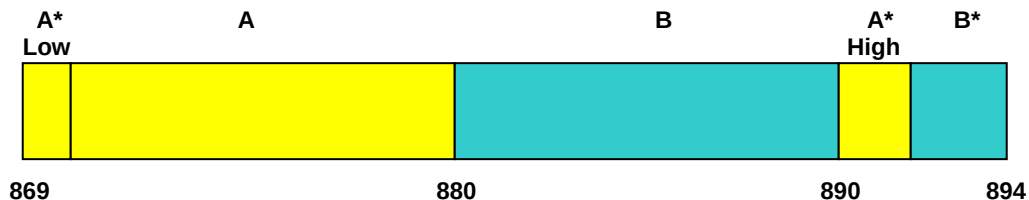
Deviation from Measurement Procedure.....None

3.2 Occupied Bandwidth Emission Limits

§2.1049, 22.917(a), 24.238(a)

- 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.
- Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. 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.
- When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the licensee's frequency block edges, both upper and lower, as the design permits.
- The measurement of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

3.3 Cellular - Base Frequency Blocks



BLOCK 1: 869 – 880 MHz (A* Low + A)

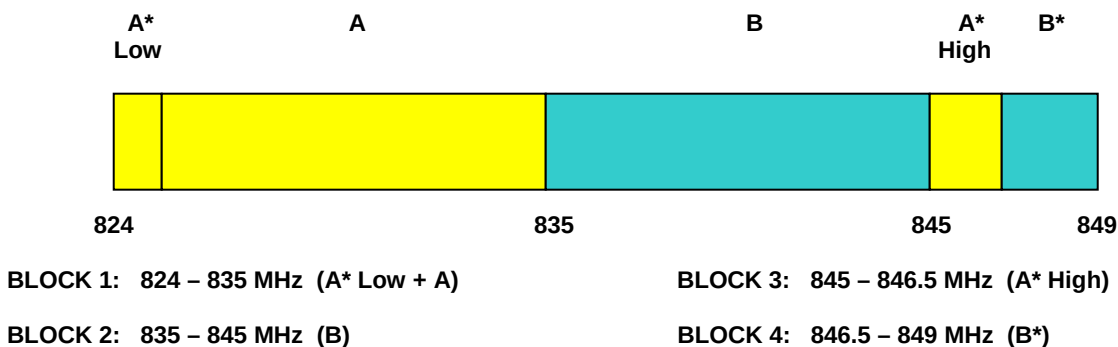
BLOCK 3: 890 – 891.5 MHz (A* High)

BLOCK 2: 880 – 890 MHz (B)

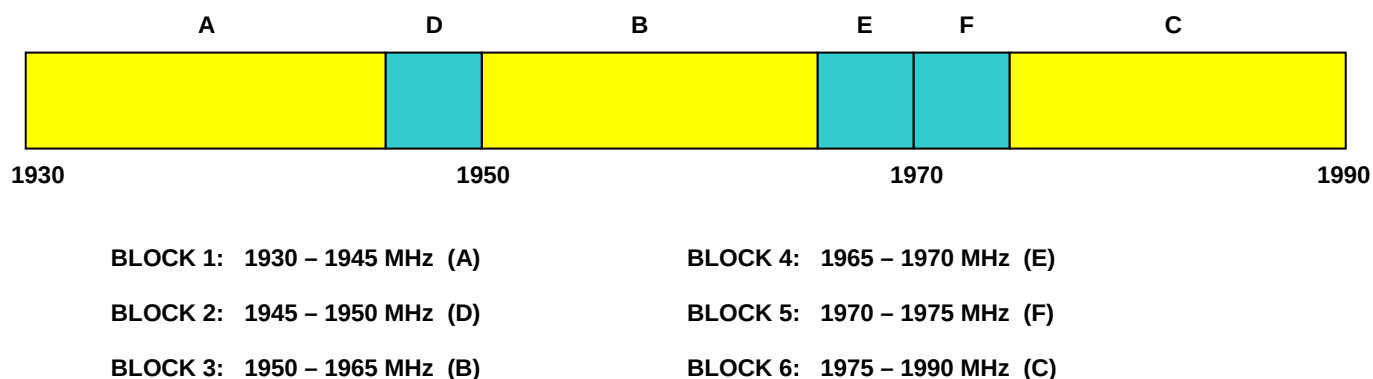
BLOCK 4: 891.5 – 894 MHz (B*)

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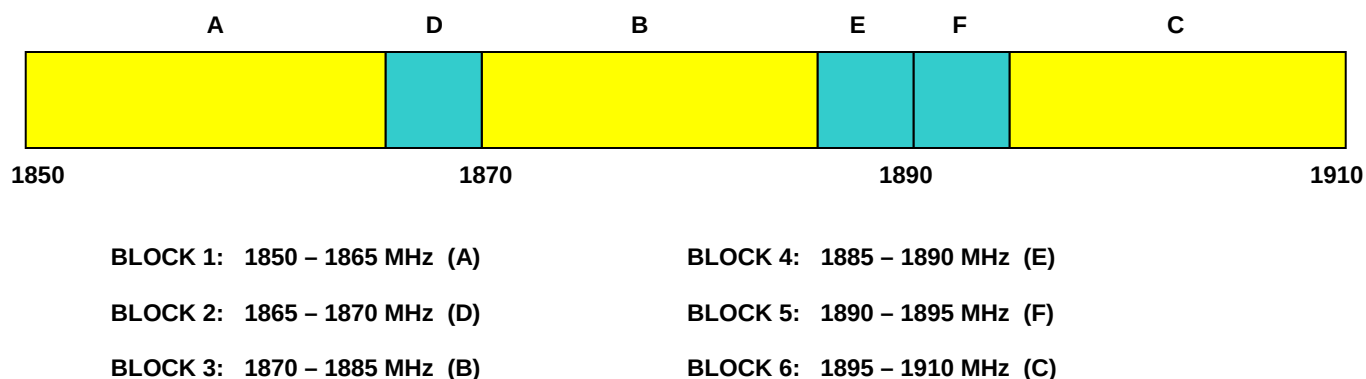
3.4 Cellular - Mobile Frequency Blocks



3.5 PCS - Base Frequency Blocks



3.6 PCS - Mobile Frequency Blocks



3.7 Spurious and Harmonic Emissions at Antenna Terminal

§2.1051, 22.917(a), 24.238(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.

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3.8 Radiated Spurious and Harmonic Emissions

§2.1053, 22.917(a), 24.238(a)

Spurious and harmonic radiated emissions are measured outdoors at our 3-meter test range. The equipment under test is placed on a wooden turntable 3-meters from the receive antenna. The receive antenna height and turntable rotations were adjusted for the highest reading on the receive spectrum analyzer. This level is then measured with a broadband average power meter. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. A half-wave dipole was substituted in place of the EUT. This dipole antenna was driven by a signal generator with the level of the signal generator being adjusted to obtain the same receive average power meter reading. This spurious level is recorded with the power meter. 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 or dipole antenna are taken into consideration.

3.9 Peak-Average Ratio

§24.232(d)

A peak to average ratio measurement is performed at the conducted port of the EUT. For CDMA and signals, the spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the 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, an average 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 bandwidth greater than the emission bandwidth.

3.10 Frequency Stability / Temperature Variation

§2.1055, 22.355, 24.235

The frequency stability of the transmitter is measured by:

- a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

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 $\pm 0.00025\%$ (± 2.5 ppm) of the center frequency.

Time Period and Procedure:

1. The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
2. 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 is made within one minute after applying power to the transmitter.
3. Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

As the DRT9955B acts purely as an amplifier on the Tx signal and there is no frequency determining circuitry frequency stability testing was not performed.

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4.0 TEST EQUIPMENT CALIBRATION DATA

Test Equipment Calibration is traceable to the National Institute of Standards and Technology (NIST).

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
-	263-10dB	(DC-18GHz) 10 dB Attenuator	N/A		N/A	N/A
-	No.165	(30MHz - 1000MHz) RG58 Coax Cable	N/A		N/A	N/A
-	No.166	(1000-26500MHz) Microwave RF Cable	N/A		N/A	N/A
-	No.167	(100kHz - 100MHz) RG58 Coax Cable	N/A		N/A	N/A
Agilent	11713A	Attenuation/Switch Driver	12/4/2008	Annual	12/4/2009	3439A02645
Agilent	8449B	(1-26.5GHz) Pre-Amplifier	12/4/2008	Annual	12/4/2009	3008A00985
Agilent	8495A	(0-70dB) DC-4GHz Attenuator	N/A		N/A	N/A
Agilent	85650A	Quasi-Peak Adapter	12/4/2008	Annual	12/4/2009	3303A01872
Agilent	85650A	Quasi-Peak Adapter	3/24/2009	Annual	3/24/2010	2043A00301
Agilent	8566B	(100Hz-22GHz) Spectrum Analyzer	12/5/2008	Annual	12/5/2009	3638A08713
Agilent	8591A	(9kHz-1.8GHz) Spectrum Analyzer	8/19/2008	Annual	8/19/2009	3144A02458
Agilent	8648D	(9kHz-4GHz) Signal Generator	10/11/2007	Biennial	10/11/2009	3613A00315
Agilent	8901A	Modulation Analyzer	8/18/2008	Annual	8/18/2009	2432A03467
Agilent	8903B	Audio Analyzer	8/18/2008	Annual	8/18/2009	3011A09025
Agilent	E4407B	ESA Spectrum Analyzer	3/24/2009	Annual	3/24/2010	US39210313
Agilent	E4432B	ESG-D Series Signal Generator	8/18/2008	Annual	8/18/2009	US40053896
Agilent	E4448A	PSA (3Hz-50GHz) Spectrum Analyzer	12/5/2008	Annual	12/5/2009	US42510244
Agilent	E8257D	(250kHz-20GHz) Signal Generator	3/25/2009	Biennial	3/25/2011	MY45470194
Agilent	E8267C	Vector Signal Generator	11/15/2007	Biennial	11/15/2009	US42340152
Agilent	N9020A	MXA Signal Analyzer	9/17/2008	Annual	9/17/2009	US46470561
Compliance Design	Roberts	Dipole Set	11/9/2007	Biennial	11/9/2009	146
Compliance Design	Roberts	Dipole Set	11/9/2007	Biennial	11/9/2009	147
Emco	3115	Horn Antenna (1-18GHz)	9/24/2007	Biennial	9/24/2009	9704-5182
Emco	3115	Horn Antenna (1-18GHz)	10/4/2007	Biennial	10/4/2009	9205-3874
Espec	ESX-2CA	Environmental Chamber	3/30/2009	Annual	3/30/2010	17620
Gigatronics	80701A	(0.05-18GHz) Power Sensor	8/18/2008	Annual	8/18/2009	1833460
Gigatronics	8651A	Universal Power Meter	8/18/2008	Annual	8/18/2009	1835299
Gigatronics	8651A	Universal Power Meter	8/18/2008	Annual	8/18/2009	8650319
K & L	11SH10	Band Pass Filter	N/A	Annual	N/A	1300/4000
K & L	11SH10	Band Pass Filter	N/A	Annual	N/A	4000/12000
MiniCircuits	VHF-1300+	High Pass Filter	N/A		N/A	30716
MiniCircuits	VHF-3100+	High Pass Filter	N/A		N/A	30721
Pasternack	PE2208-6	Bidirectional Coupler	N/A		N/A	N/A
Rohde & Schwarz	NRVD	Dual Channel Power Meter	8/20/2008	Biennial	8/20/2010	101695
Rohde & Schwarz	NRV-Z32	Peak Power Sensor (100uW-2W)	12/5/2008	Biennial	12/5/2010	100155
Rohde & Schwarz	NRV-Z33	Peak Power Sensor (1mW-20W)	12/5/2008	Biennial	12/5/2010	100004
Schwarzbeck	UHA9105	Dipole Antenna (400 - 1GHz) Rx	6/28/2009	Biennial	6/28/2011	9105-2404
Schwarzbeck	UHA9105	Dipole Antenna (400 - 1GHz) Tx	6/28/2009	Biennial	6/28/2011	9105-2403
Solar Electronics	8012-50-R-24-BNC	LISN	11/8/2007	Biennial	11/8/2009	310233
Sunol	DRH-118	Horn Antenna (1 - 18GHz)	5/14/2009	Biennial	5/14/2011	A050307
Rohde & Schwarz	CMU200	Base Station Simulator	6/12/2009	Annual	6/12/2010	836536/0005
Rohde & Schwarz	FSQ 26	Spectrum Analyzer	9/29/2008	Annual	9/29/2009	200452

Table 4-1. Test Equipment

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5.0 SAMPLE CALCULATIONS

GSM Emission Designator

Emission Designator = 250KGXW

GSM BW = 250 kHz

G = Phase Modulation

X = Cases not otherwise covered

W = Combination (Audio/Data)

CDMA Emission Designator

Emission Designator = 1M25F9W

CDMA BW = 1.25 MHz

F = Frequency Modulation

9 = Composite Digital Info

W = Combination (Audio/Data) (Measured at the 99.75% power bandwidth)

Spurious Radiated Emission - PCS Band

Example: GSM Channel 512 PCS Mode 2nd Harmonic (3700.40 MHz)

The average receive power meter reading at 3 meters with the EUT on the turntable was -81.0 dBm. The gain of the substituted antenna is 8.1 dBi. The signal generator connected to the substituted antenna terminals is adjusted to produce a reading of -81.0 dBm on the power meter. The loss of the cable between the signal generator and the terminals of the substituted antenna is 2.0 dB at 3700.40 MHz. So 6.1 dB is added to the power meter reading of -30.9 dBm yielding -24.80 dBm. The fundamental EIRP was 25.501 dBm so this harmonic was 25.501 dBm - (-24.80) = 50.3 dBc.

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6.0 TEST RESULTS

6.1 Summary

Company Name: Digital Receiver Technology, Inc
 FCC ID: TBD
 FCC Classification: Amplifier (AMP)
 Mode(s): GSM/CDMA (From DRT1201B)

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
TRANSMITTER MODE (TX)					
2.1049, 22.917(a), 24.238(a)	Occupied Bandwidth	N/A	CONDUCTED	PASS	Section 7.0
2.1051, 22.917(a), 24.238(a)	Band Edge / Conducted Spurious Emissions	$< 43 + \log_{10}(P[\text{Watts}])$ at Band Edge and for all out-of-band emissions		PASS	Section 7.0
24.232(d)	Peak-Average Ratio	$< 13 \text{ dB}$		PASS	Section 7.0
2.1046	Transmitter Conducted Output Power	N/A		PASS	MPE Report
2.1046	Conducted Output Power	N/A	RADIATED	N/A	Section 6.1
2.1053, 22.917(a), 24.238(a)	Undesirable Emissions	$< 43 + \log_{10}(P[\text{Watts}])$ for all out-of-band emissions		PASS	Sections 6.2, 6.3, 6.4, 6.5
2.1055, 22.355, 24.235	Frequency Stability	$< 2.5 \text{ ppm}$		N/A	N/A

Table 6-1. Summary of Test Results

FCC ID: TBD	 FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION) 		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier	Page 11 of 74

6.1 Conducted Output Power

§2.1046

The device was tested for both GSM and CDMA modes of operation. The GSM and CDMA conducted output powers were measured at the DRT9955B Tx output.

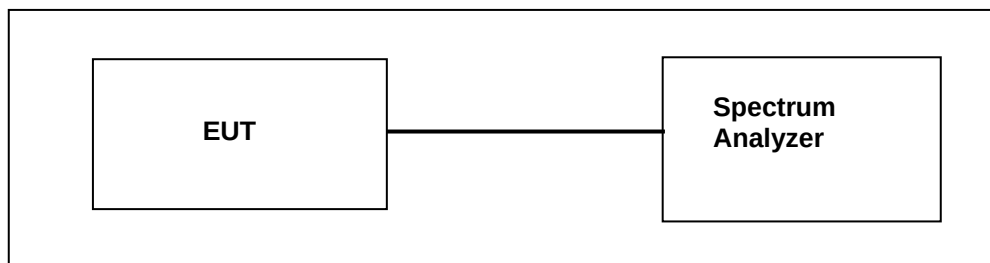


Figure 6-1: Test Setup Diagram

Band	Channel	GSM	
		Conducted Power	Conducted Power
		[dBm]	[Watts]
Cellular	129	38.56	7.18
	190	41.55	14.29
	250	38.70	7.41
PCS	512	37.64	5.81
	660	38.00	6.31
	809	37.54	5.68

Table 6-2. Maximum Conducted Output Power Table for DRT9955B (GSM)

Band	Channel	CDMA	
		Conducted Power	Conducted Power
		[dBm]	[Watts]
Cellular	12	41.27	13.40
	384	42.81	19.10
	748	40.5	11.22
PCS	47	37.27	5.33
	600	37.14	5.18
	1148	38.11	6.47

Table 6-3. Maximum Conducted Output Power Table for DRT9955B (CDMA)

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 12 of 74

6.2 Cellular GSM Radiated Measurements

§2.1053, 22.917(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 869.40 MHz
 CHANNEL: 129
 MODULATION SIGNAL: GSM (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
1738.80	-72.29	6.10	-66.18	H	-53.2
2608.20	-70.45	6.60	-63.85	H	-50.9
3477.60	-67.87	6.94	-60.93	H	-47.9
4347.00	-93.01	8.02	-84.99	H	-72.0
5216.40	-91.17	8.31	-82.87	H	-69.9

Table 6-4. Radiated Spurious Data (Cellular GSM Mode – Ch. 129)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 13 of 74

Cellular GSM Radiated Measurements (Cont'd)

§2.1053, 22.917(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 881.60 MHz
 CHANNEL: 190
 MODULATION SIGNAL: GSM (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
1763.20	-72.54	6.11	-66.43	H	-53.4
2644.80	-69.36	6.61	-62.75	H	-49.8
3526.40	-67.26	6.94	-60.32	H	-47.3
4408.00	-93.26	8.23	-85.03	H	-72.0
5289.60	-90.97	8.29	-82.68	H	-69.7

Table 6-5. Radiated Spurious Data (Cellular GSM Mode – Ch. 190)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 14 of 74

Cellular GSM Radiated Measurements (Cont'd)

§2.1053, 22.917(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 893.60 MHz
 CHANNEL: 250
 MODULATION SIGNAL: GSM (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
1787.20	-71.49	6.11	-65.38	H	-52.4
2680.80	-68.88	6.63	-62.25	H	-49.3
3574.40	-65.90	6.92	-58.98	H	-46.0
4468.00	-93.50	8.44	-85.06	H	-72.1
5361.60	-90.78	8.28	-82.50	H	-69.5

Table 6-6. Radiated Spurious Data (Cellular GSM Mode – Ch. 250)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 15 of 74

6.3 Cellular CDMA Radiated Measurements

§2.1053, 22.917(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 870.36 MHz
 CHANNEL: 12
 MODULATION SIGNAL: CDMA (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
1740.72	-73.11	6.32	-66.79	H	-53.8
2611.08	-70.72	7.69	-63.03	H	-50.0
3481.44	-68.83	7.83	-61.00	H	-48.0
4351.80	-65.82	7.84	-57.98	H	-45.0
5222.16	-66.28	8.62	-57.66	H	-44.7

Table 6-7. Radiated Spurious Data (Cellular CDMA Mode – Ch. 12)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 16 of 74

Cellular CDMA Radiated Measurements (Cont'd)

§2.1053, 22.917(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 881.52 MHz
 CHANNEL: 384
 MODULATION SIGNAL: CDMA (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
1763.04	-73.46	6.33	-67.14	H	-54.1
2644.56	-70.59	7.75	-62.84	H	-49.8
3526.08	-68.82	7.86	-60.96	H	-48.0
4407.60	-65.45	8.07	-57.38	H	-44.4
5289.12	-65.55	8.55	-57.00	H	-44.0

Table 6-8. Radiated Spurious Data (Cellular CDMA Mode – Ch. 384)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 17 of 74

Cellular CDMA Radiated Measurements (Cont'd)

§2.1053, 22.917(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 892.44 MHz
 CHANNEL: 748
 MODULATION SIGNAL: CDMA (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBd)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
1784.88	-72.26	6.34	-65.93	H	-52.9
2677.32	-69.21	7.74	-61.47	H	-48.5
3569.76	-68.22	7.89	-60.33	H	-47.3
4462.20	-65.74	8.30	-57.44	H	-44.4
5354.64	-65.41	8.53	-56.88	H	-43.9

Table 6-9. Radiated Spurious Data (Cellular CDMA Mode – Ch. 748)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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6.4 PCS GSM Radiated Measurements

§2.1053, 24.238(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 1930.20 MHz
 CHANNEL: 512
 MODULATION SIGNAL: GSM (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
3860.40	-62.80	8.95	-53.85	H	-40.8
5790.60	-59.74	10.40	-49.34	H	-36.3
7720.80	-58.47	10.78	-47.69	H	-34.7
9651.00	-56.88	11.72	-45.16	H	-32.2
11581.20	-85.14	12.47	-72.67	H	-59.7

Table 6-10. Radiated Spurious Data (PCS GSM Mode – Ch. 512)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 19 of 74

PCS GSM Radiated Measurements (Cont'd)

§2.1053, 24.238(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 1959.80 MHz
 CHANNEL: 661
 MODULATION SIGNAL: GSM (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
3919.60	-63.76	8.93	-54.83	H	-41.8
5879.40	-55.69	10.40	-45.29	H	-32.3
7839.20	-58.00	10.87	-47.13	H	-34.1
9799.00	-56.93	11.84	-45.08	H	-32.1
11758.80	-84.29	12.18	-72.11	H	-59.1

Table 6-11. Radiated Spurious Data (PCS GSM Mode – Ch. 661)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 20 of 74

PCS GSM Radiated Measurements (Cont'd)

§2.1053, 24.238(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 1989.60 MHz
 CHANNEL: 809
 MODULATION SIGNAL: GSM (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
3979.20	-64.08	8.91	-55.17	H	-42.2
5968.80	-60.65	10.40	-50.25	H	-37.2
7958.40	-57.88	10.97	-46.92	H	-33.9
9948.00	-54.97	11.96	-43.01	H	-30.0
11937.60	-83.45	11.90	-71.56	H	-58.6

Table 6-12. Radiated Spurious Data (PCS GSM Mode – Ch. 809)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 21 of 74

6.5 PCS CDMA Radiated Measurements

§2.1053, 24.238(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 1932.35 MHz
 CHANNEL: 47
 MODULATION SIGNAL: CDMA (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
3864.70	-67.39	9.85	-57.54	H	-44.5
5797.05	-62.50	10.72	-51.78	H	-38.8
7729.40	-61.54	11.61	-49.93	H	-36.9
9661.75	-55.61	11.36	-44.25	H	-31.2
11594.10	-55.86	12.73	-43.13	H	-30.1

Table 6-13. Radiated Spurious Data (PCS CDMA Mode – Ch. 47)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 22 of 74

PCS CDMA Radiated Measurements (Cont'd)

§2.1053, 24.238(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 1960.00 MHz
 CHANNEL: 600
 MODULATION SIGNAL: CDMA (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
3920.00	-66.93	9.78	-57.15	H	-44.1
5880.00	-62.20	10.92	-51.28	H	-38.3
7840.00	-60.40	11.66	-48.74	H	-35.7
9800.00	-56.37	11.56	-44.80	H	-31.8
11760.00	-54.83	12.63	-42.20	H	-29.2

Table 6-14. Radiated Spurious Data (PCS CDMA Mode – Ch. 600)

NOTES:

Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 23 of 74

PCS CDMA Radiated Measurements (Cont'd)

§2.1053, 24.238(a)

Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: 1987.40 MHz
 CHANNEL: 1148
 MODULATION SIGNAL: CDMA (Internal)
 DISTANCE: 3 meters
 LIMIT: -13.00 dBm

FREQUENCY (MHz)	LEVEL @ ANTENNA TERMINALS (dBm)	SUBSTITUTE ANTENNA GAIN (dBi)	CORRECT GENERATOR LEVEL (dBm)	POL (H/V)	MARGIN (dB)
3974.80	-67.12	9.71	-57.41	H	-44.4
5962.20	-63.40	11.11	-52.29	H	-39.3
7949.60	-60.38	11.45	-48.93	H	-35.9
9937.00	-55.48	11.73	-43.75	H	-30.8
11924.40	-54.41	12.53	-41.88	H	-28.9

Table 6-15. Radiated Spurious Data (PCS CDMA Mode – Ch. 1148)

NOTES:

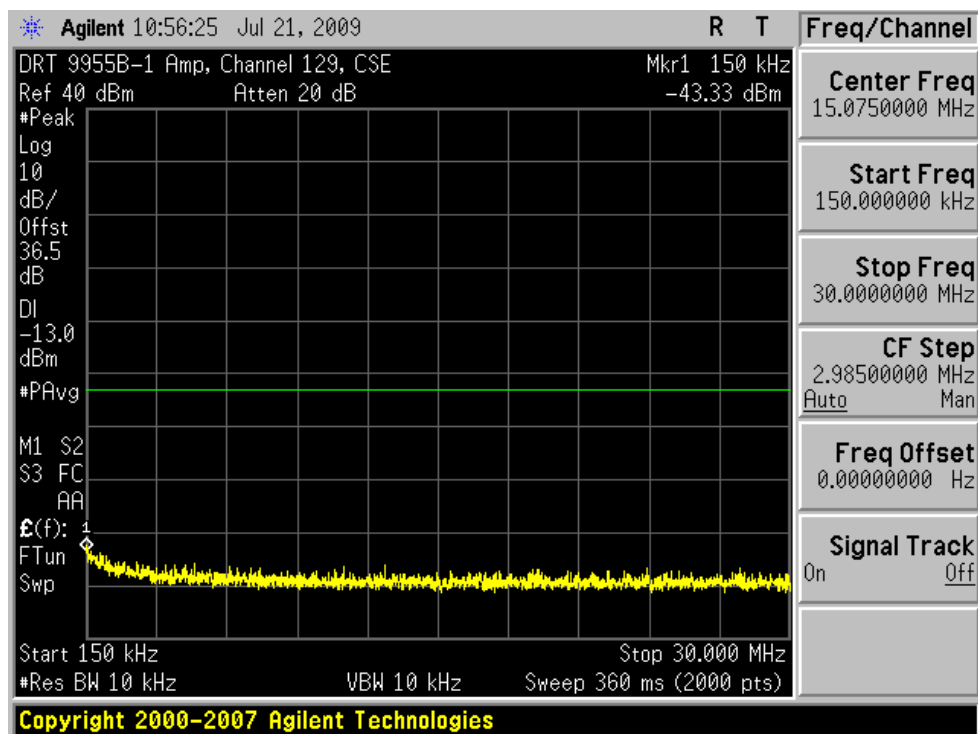
Radiated Spurious Emission Measurements by Substitution Method according to ANSI/TIA/EIA-603-C-2004, Aug. 17, 2004:

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. Final power measurements are made with a broadband average power meter. 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 spectrum analyzer reading. This spurious level is recorded using the power meter. 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.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
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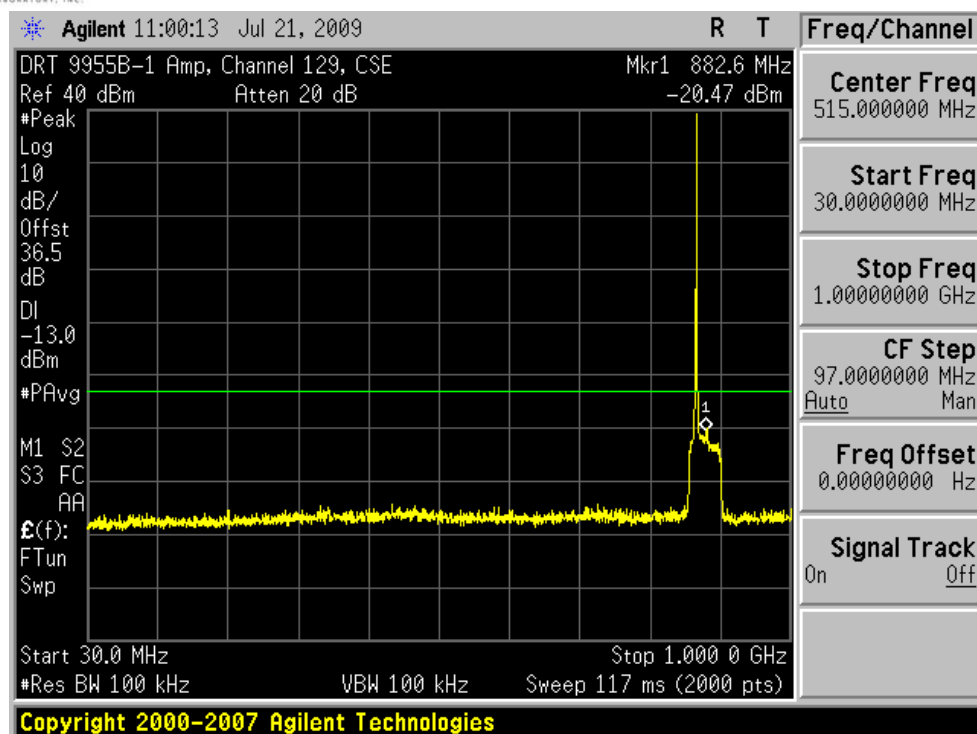
7.0 PLOTS OF EMISSIONS

7.1 Cellular GSM

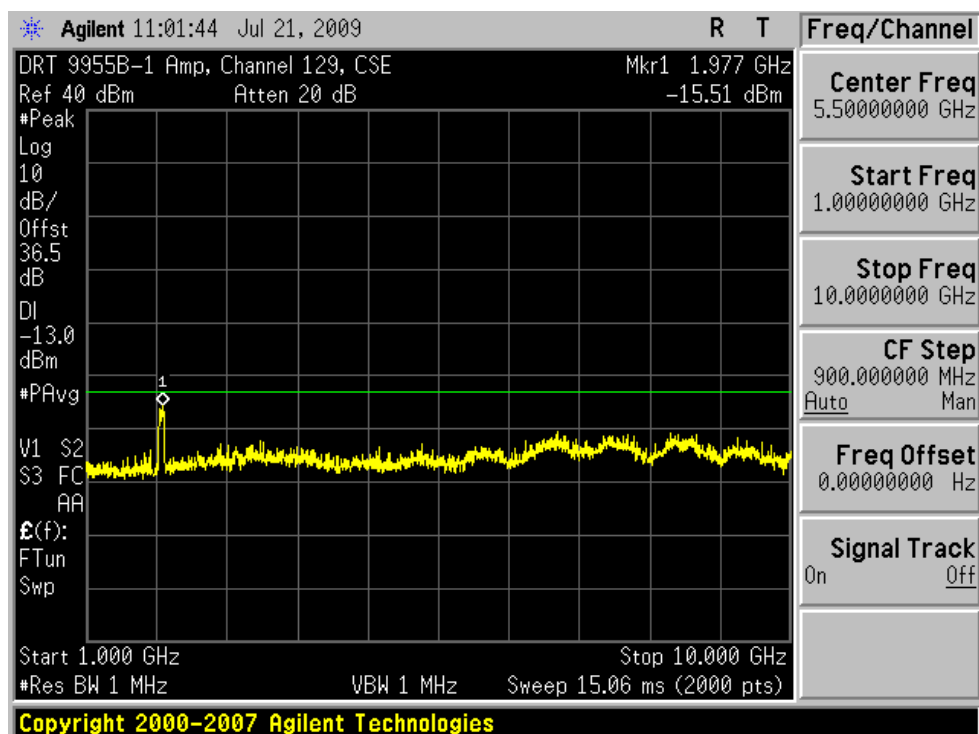


Plot 7-1. Conducted Spurious Plot (Cellular GSM Mode – Ch. 129)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 25 of 74

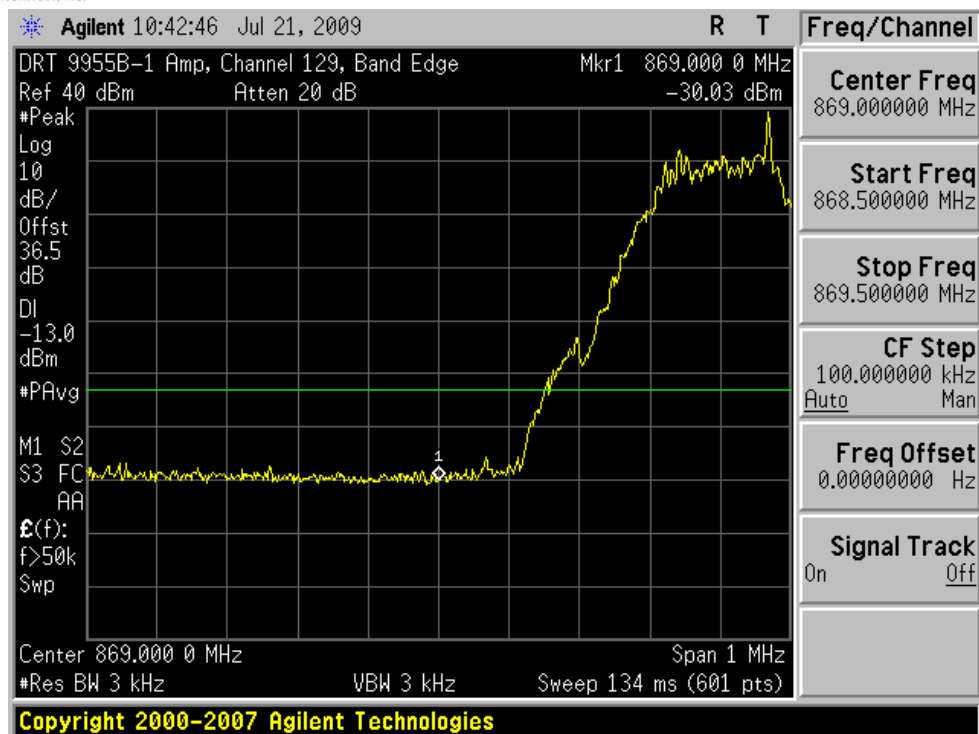


Plot 7-2. Conducted Spurious Plot (Cellular GSM Mode – Ch. 129)

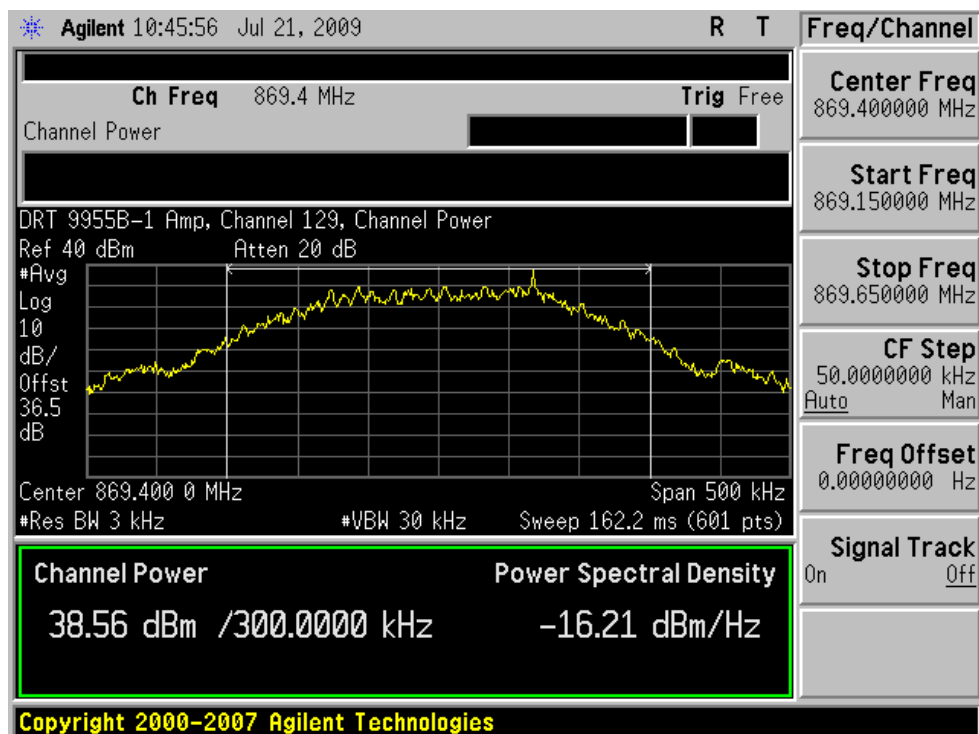


Plot 7-3. Conducted Spurious Plot (Cellular GSM Mode – Ch. 129)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 26 of 74

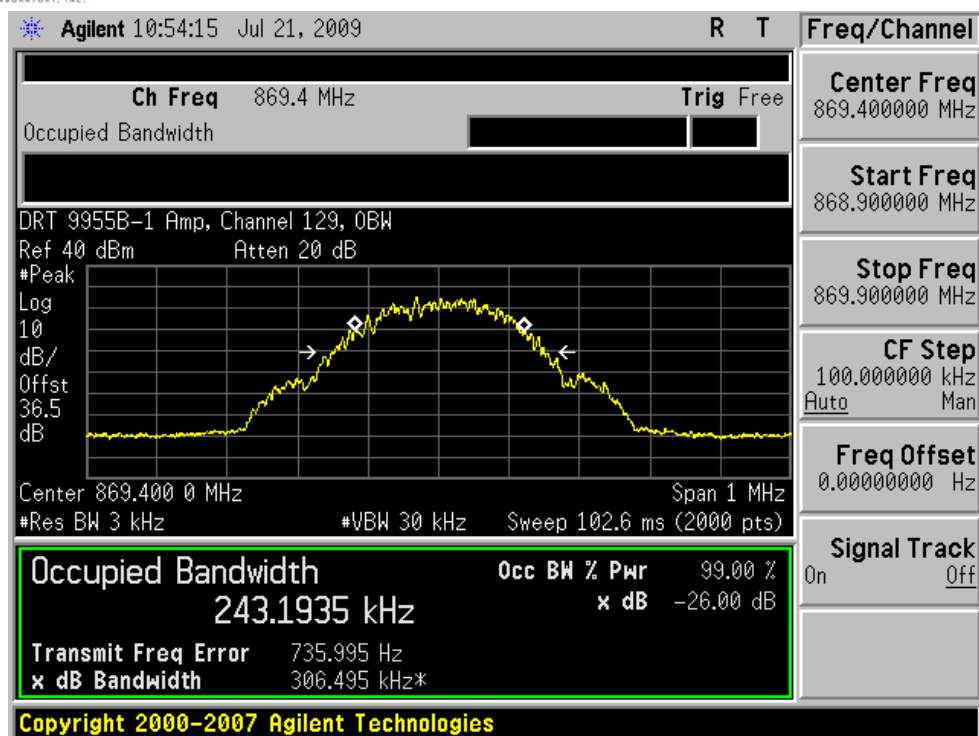


Plot 7-4. Band Edge Plot (Cellular GSM Mode – Ch. 129)

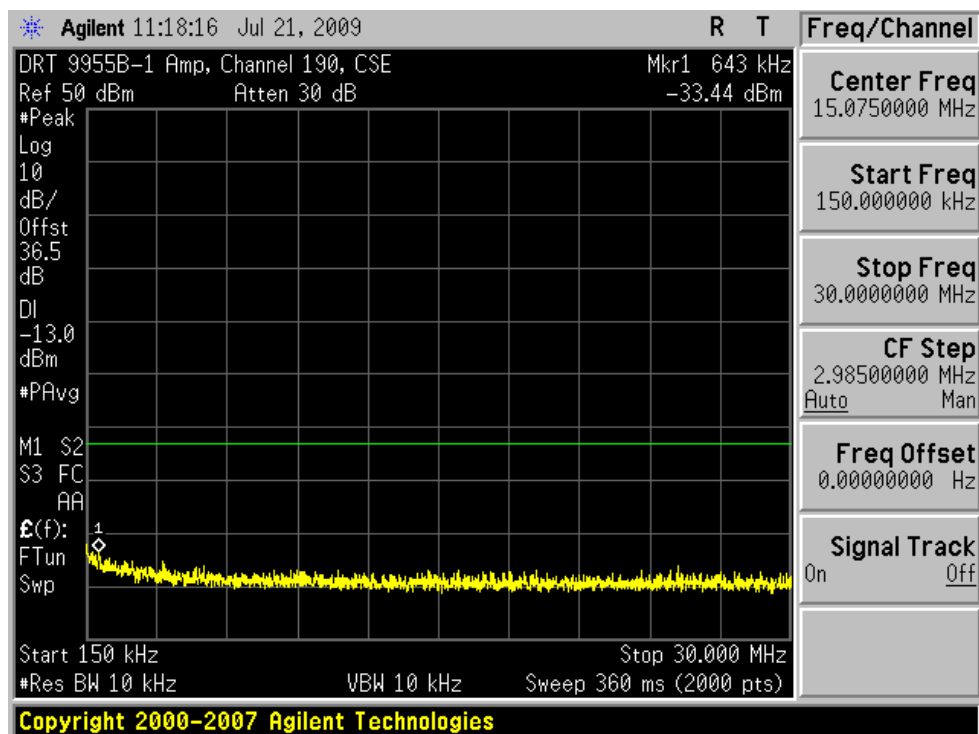


Plot 7-5. Channel Power (Cellular GSM Mode – Ch. 129)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 27 of 74

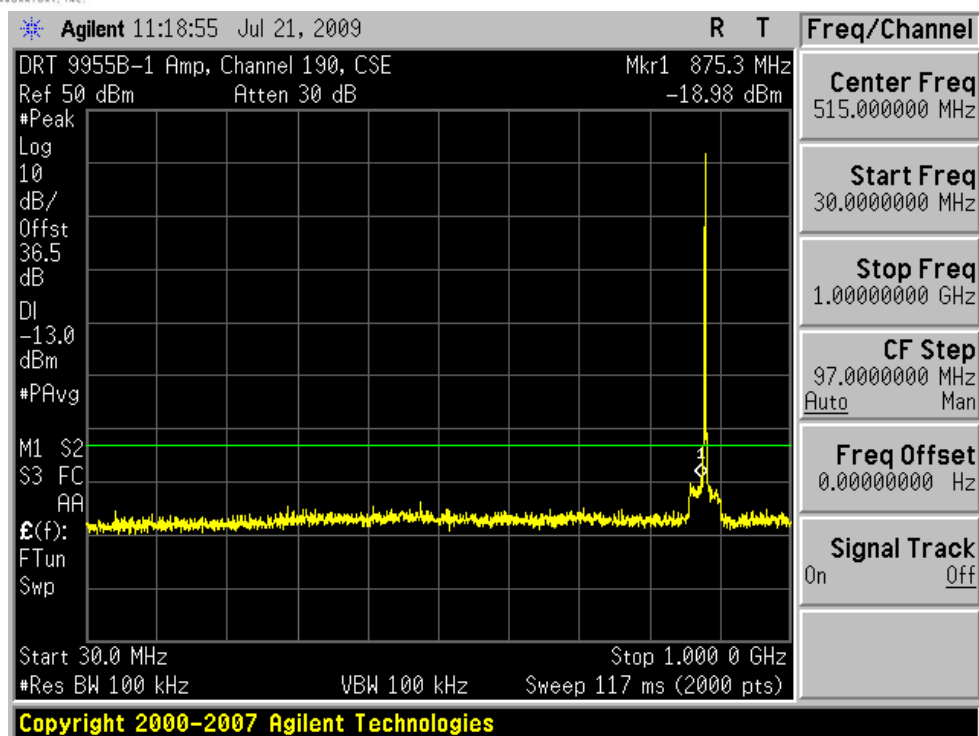


Plot 7-6. Occupied Bandwidth Plot (Cellular GSM Mode – Ch. 129)

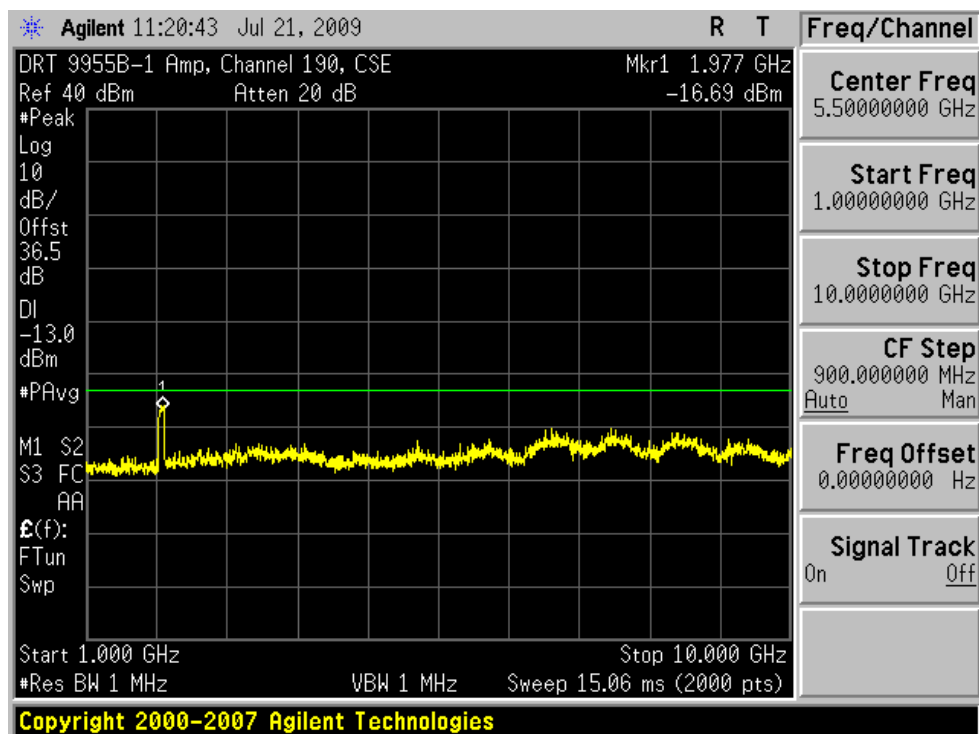


Plot 7-7. Conducted Spurious (Cellular GSM Mode – Ch. 190)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 28 of 74

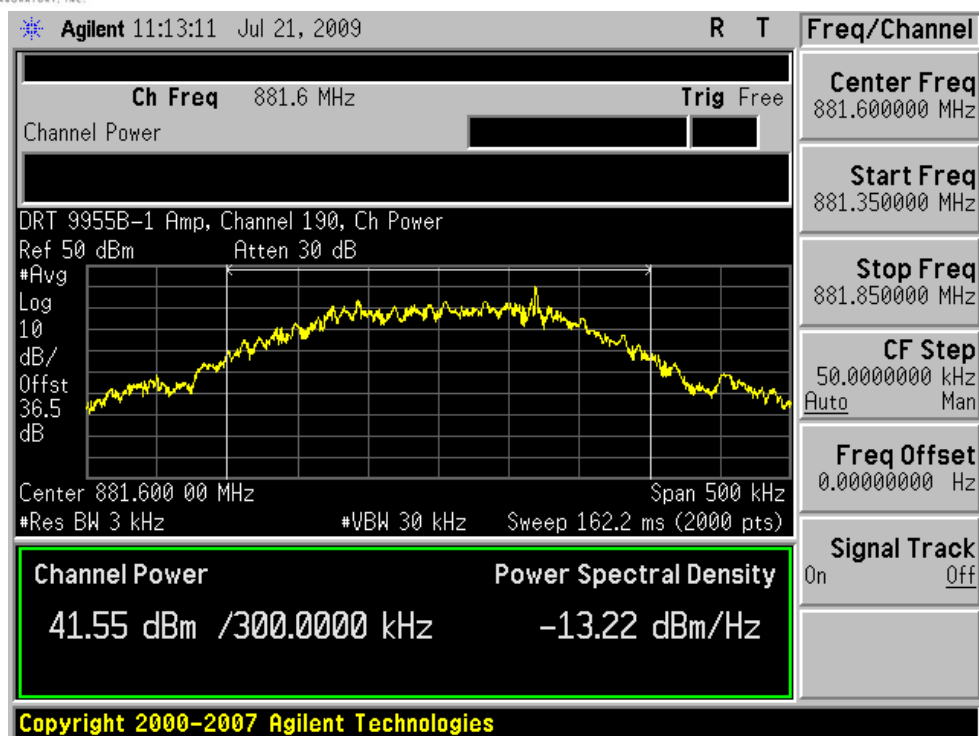


Plot 7-8. Conducted Spurious Plot (Cellular GSM Mode – Ch. 190)

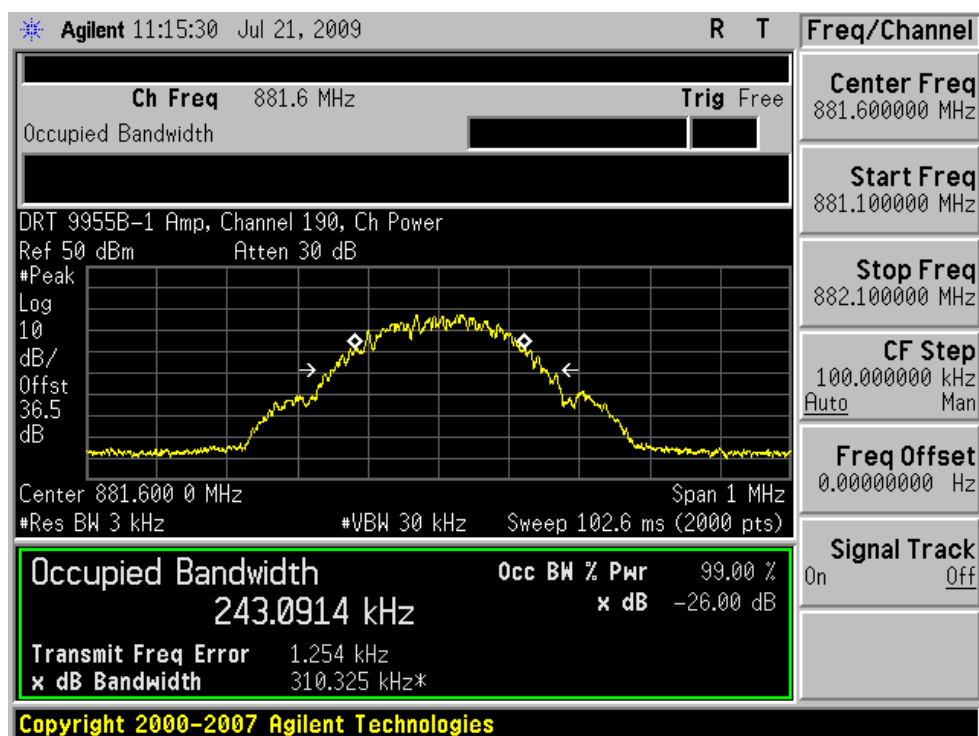


Plot 7-9. Conducted Spurious Plot (Cellular GSM Mode – Ch. 190)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 29 of 74

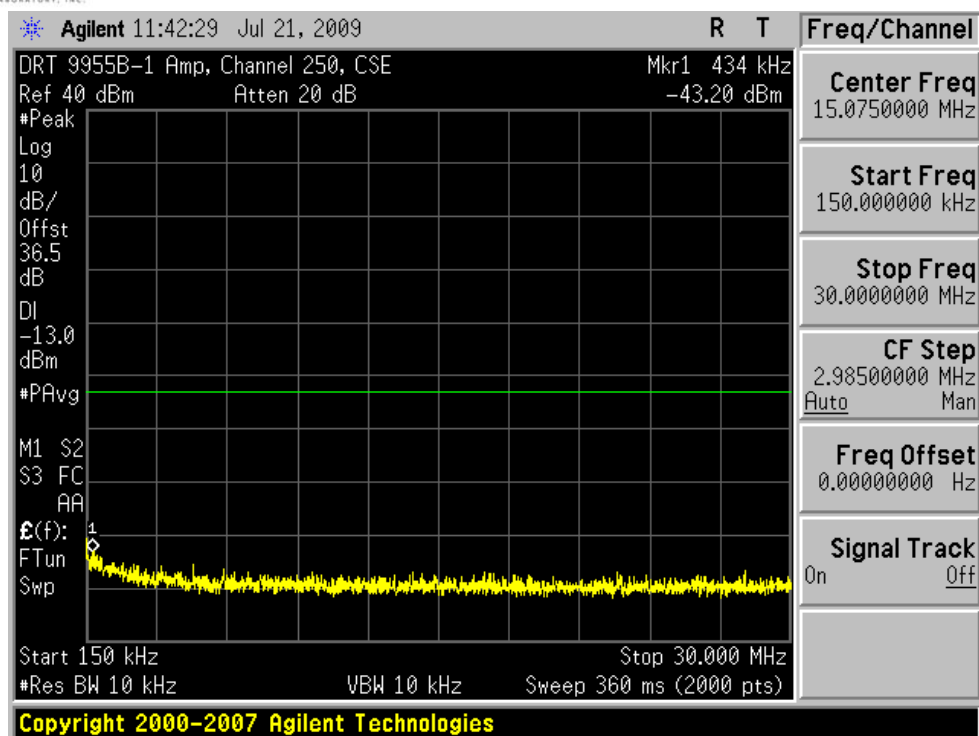


Plot 7-10. Channel Power (Cellular GSM Mode – Ch. 190)

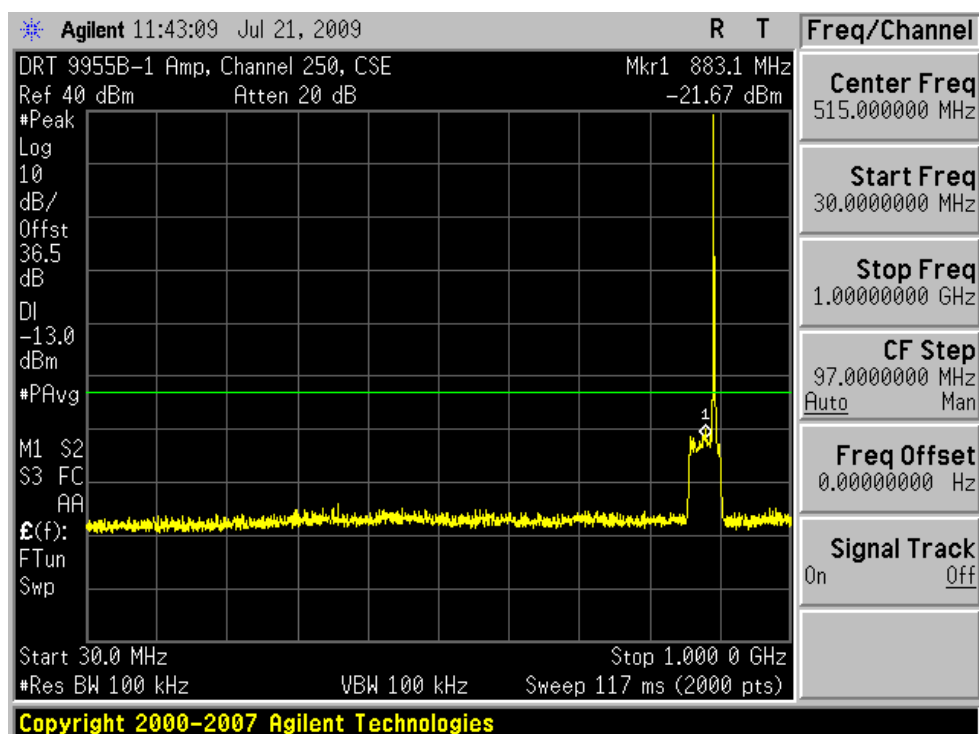


Plot 7-11. Occupied Bandwidth Plot (Cellular GSM Mode – Ch. 190)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 30 of 74

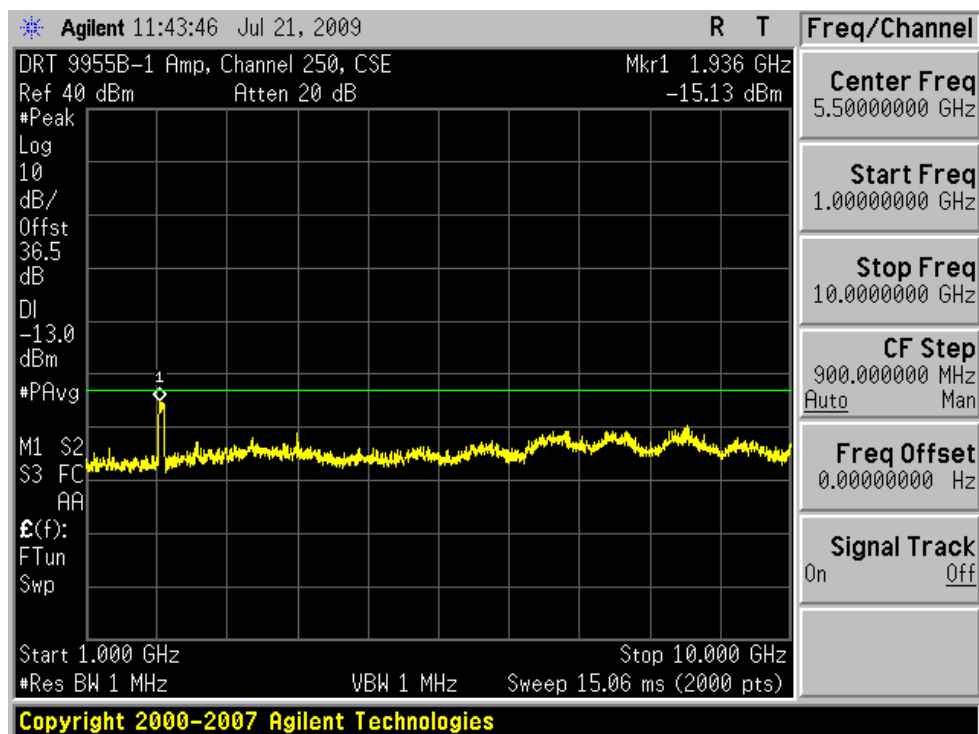


Plot 7-12. Conducted Spurious Plot (Cellular GSM Mode – Ch. 250)

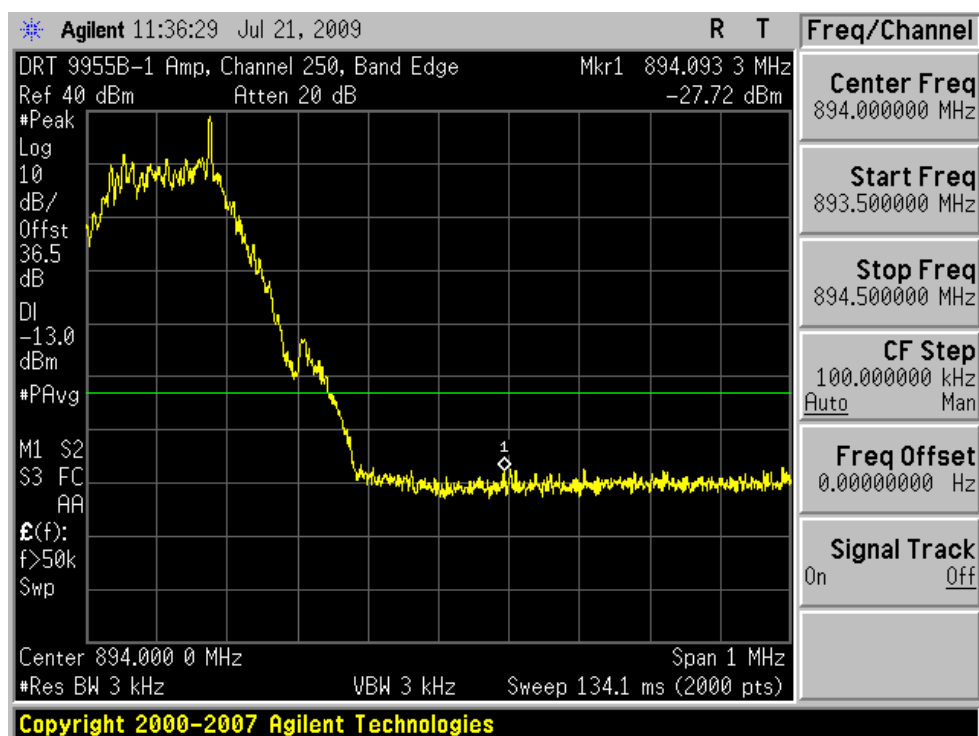


Plot 7-13. Conducted Spurious Plot (Cellular GSM Mode – Ch. 250)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 31 of 74

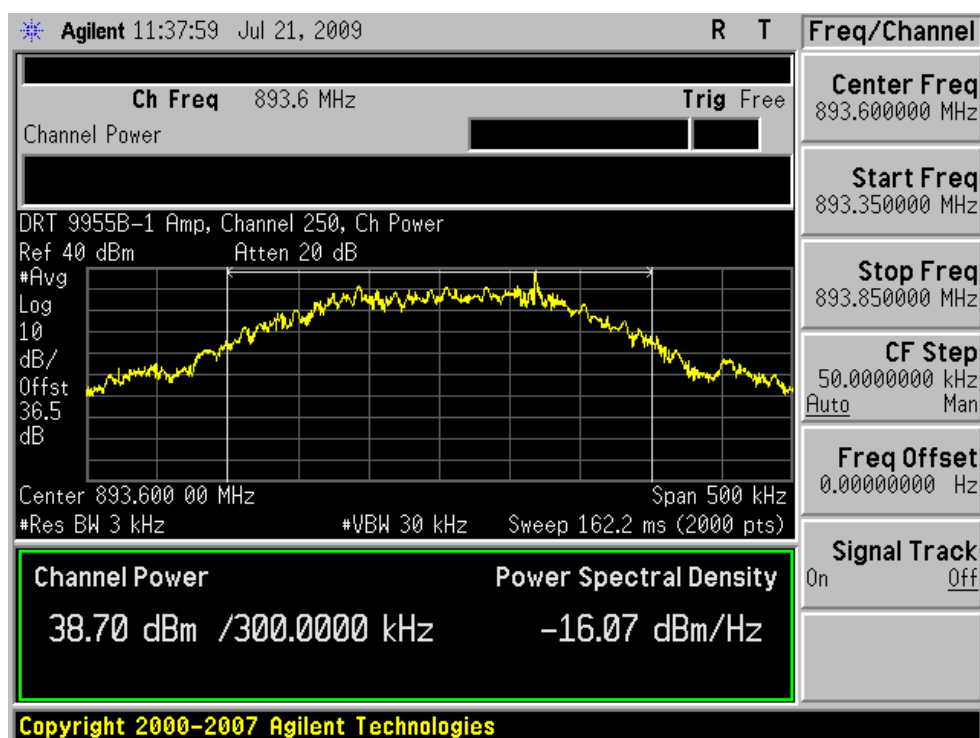


Plot 7-14. Conducted Spurious Plot (Cellular GSM Mode – Ch. 250)

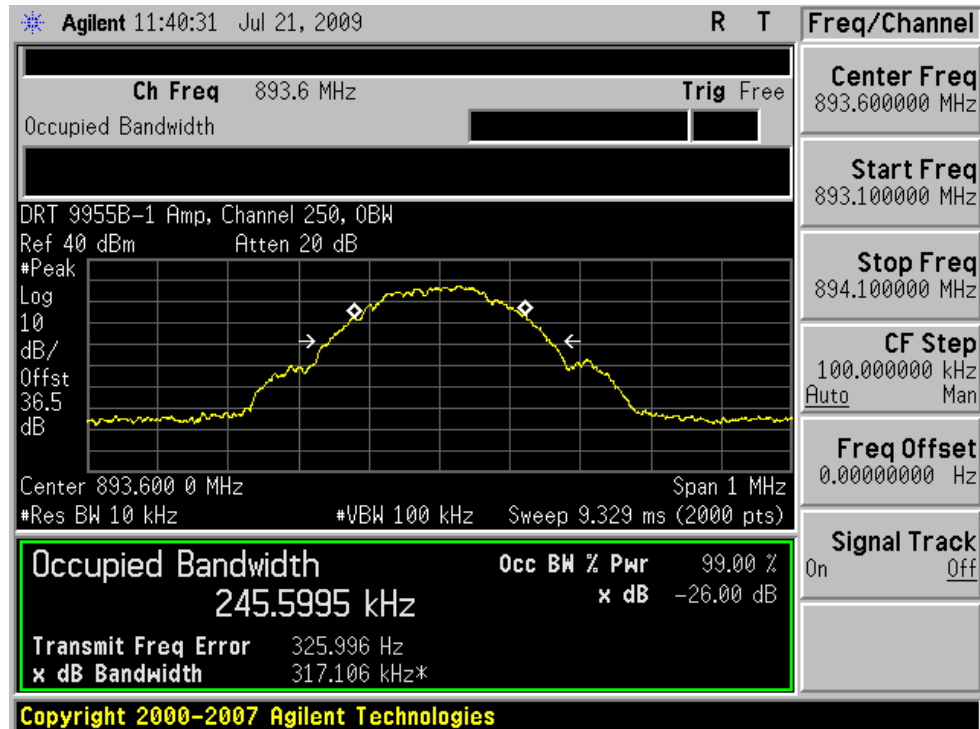


Plot 7-15. Band Edge Plot (Cellular GSM Mode – Ch. 250)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 32 of 74



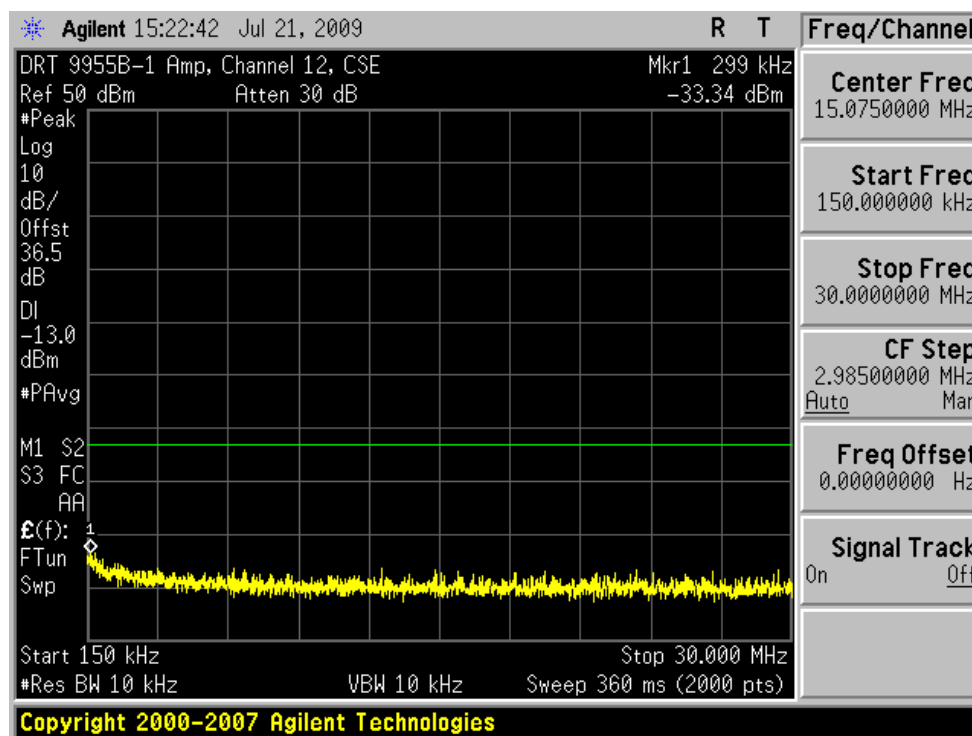
Plot 7-16. Channel Power (Cellular GSM Mode – Ch. 250)



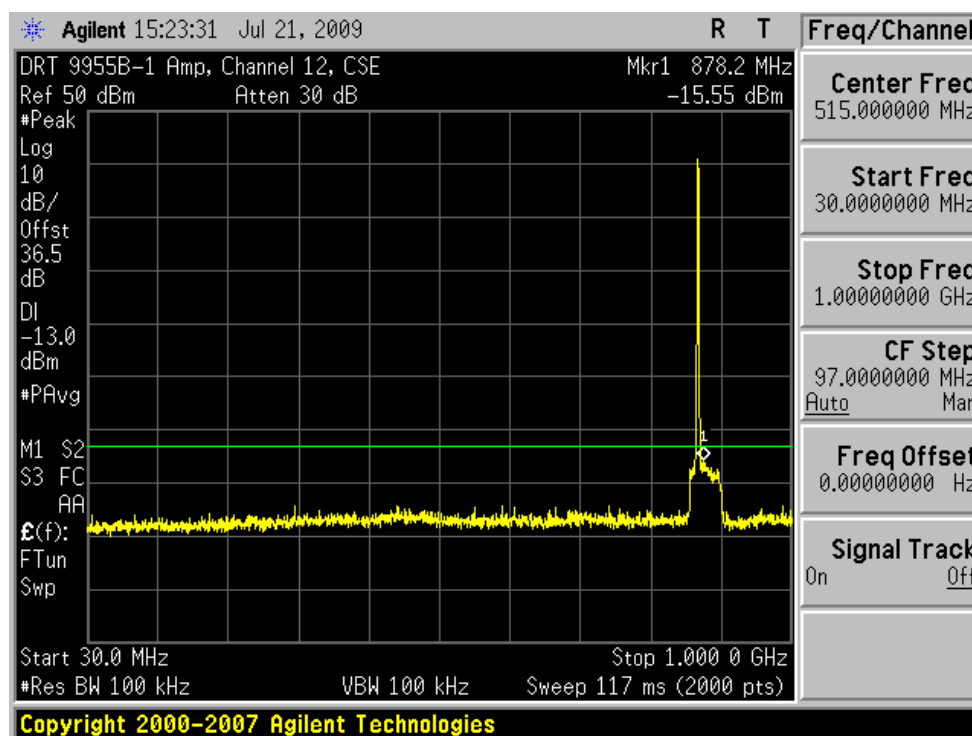
Plot 7-17. Occupied Bandwidth Plot (Cellular GSM Mode – Ch. 250)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 33 of 74

7.2 Cellular CDMA

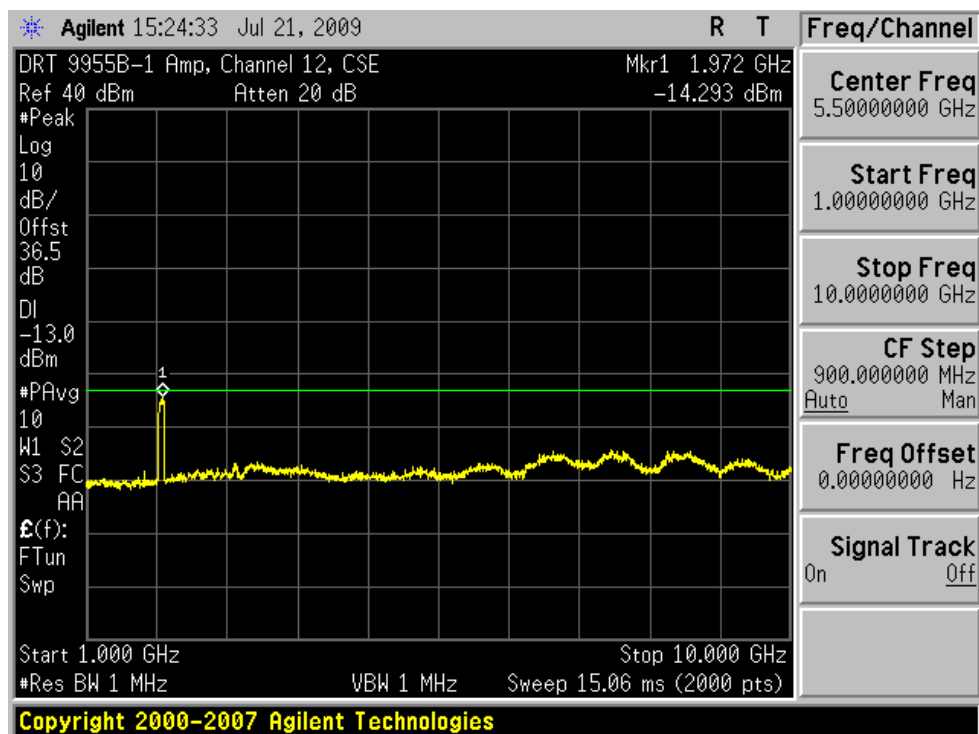


Plot 7-18. Conducted Spurious Plot (Cellular CDMA Mode – Ch. 12)

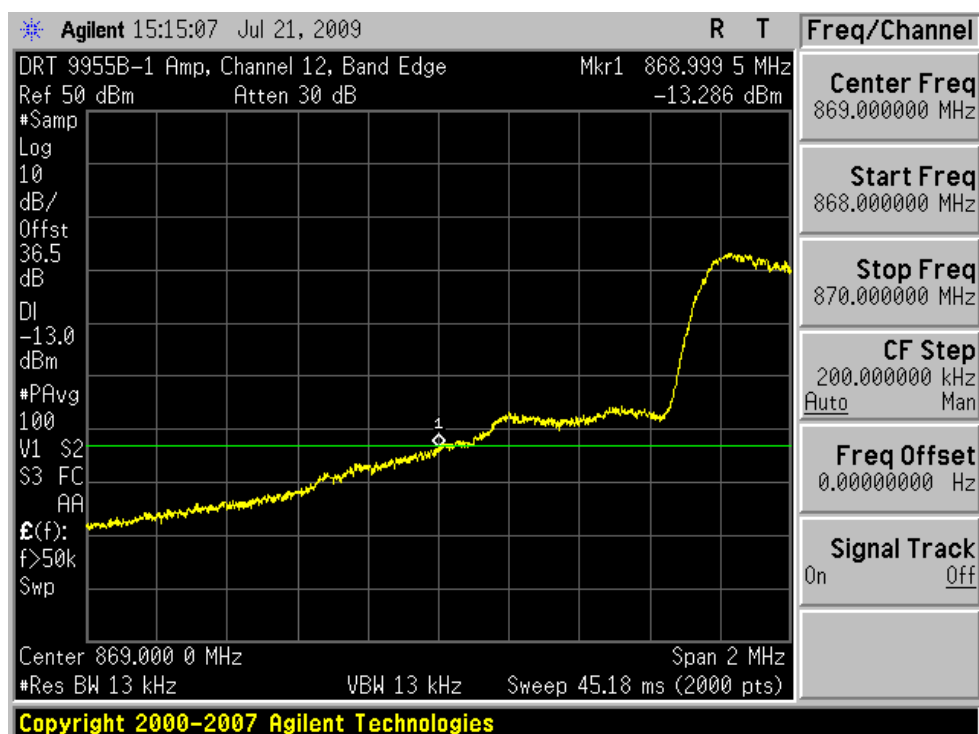


Plot 7-19. Conducted Spurious Plot (Cellular CDMA Mode – Ch. 12)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 34 of 74

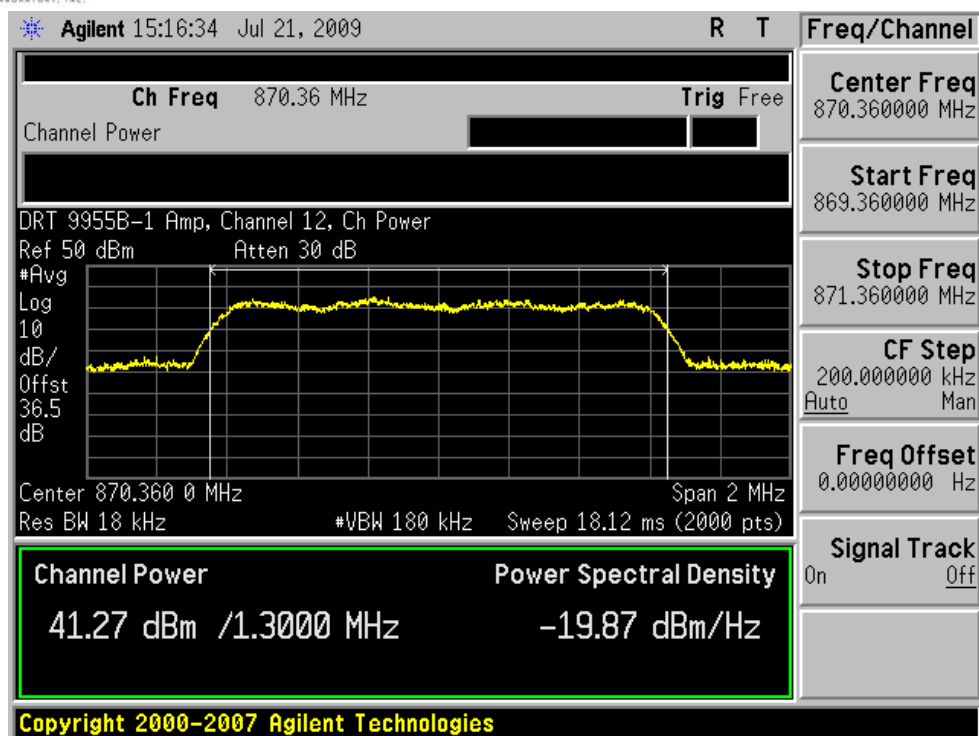


Plot 7-20. Conducted Spurious Plot (Cellular CDMA Mode – Ch. 12)

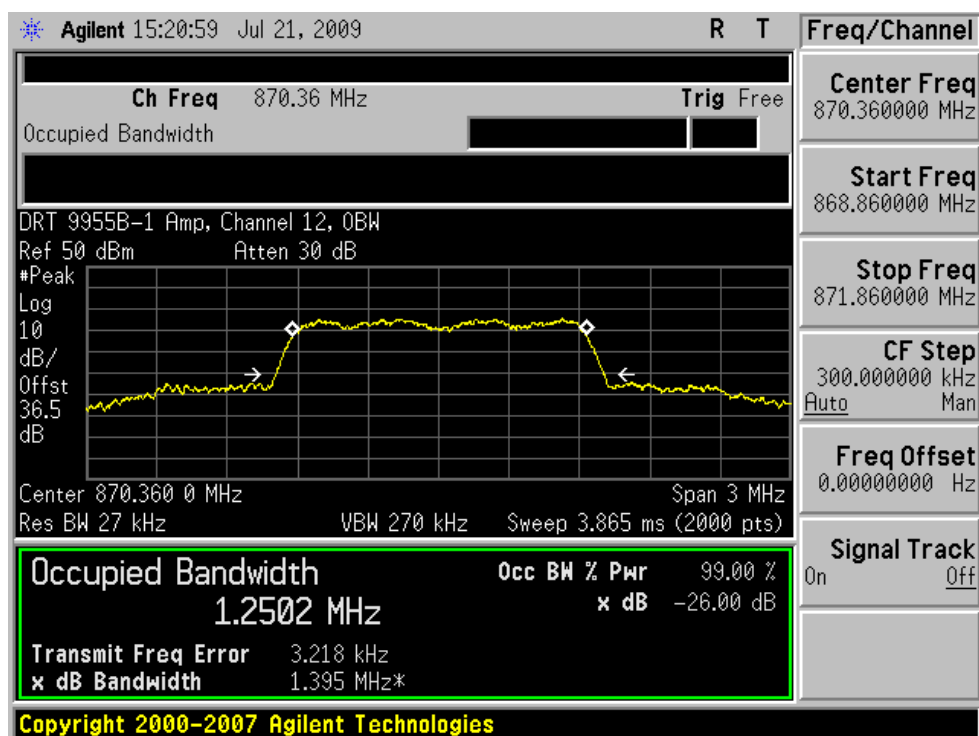


Plot 7-21. Band Edge Plot (Cellular CDMA Mode – Ch. 12)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 35 of 74

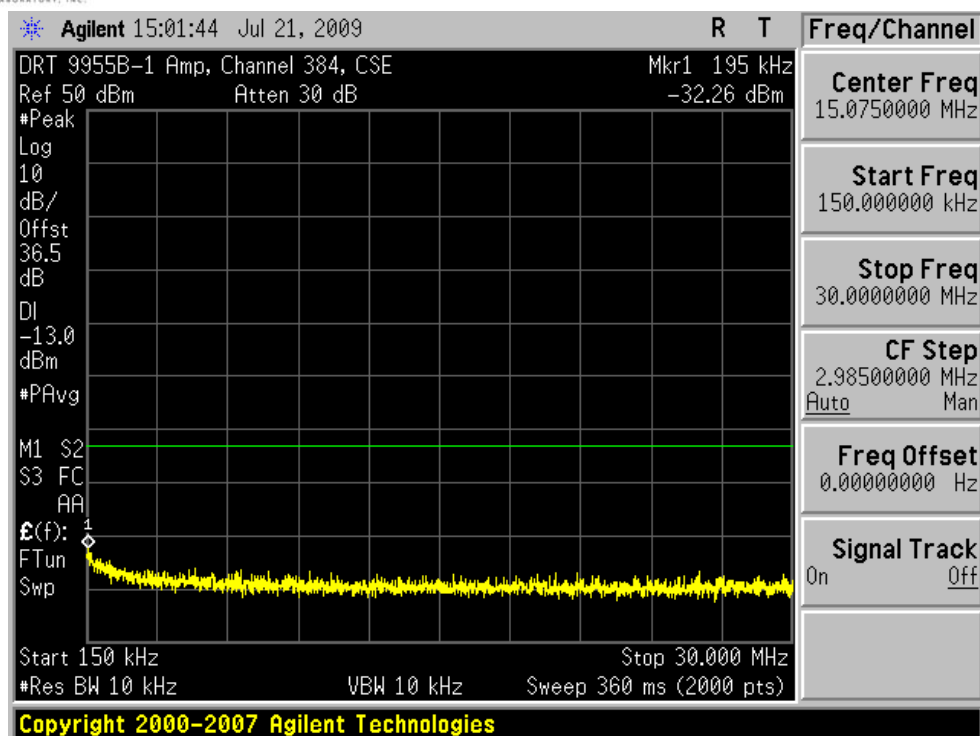


Plot 7-22. Channel Power (Cellular CDMA Mode – Ch. 12)

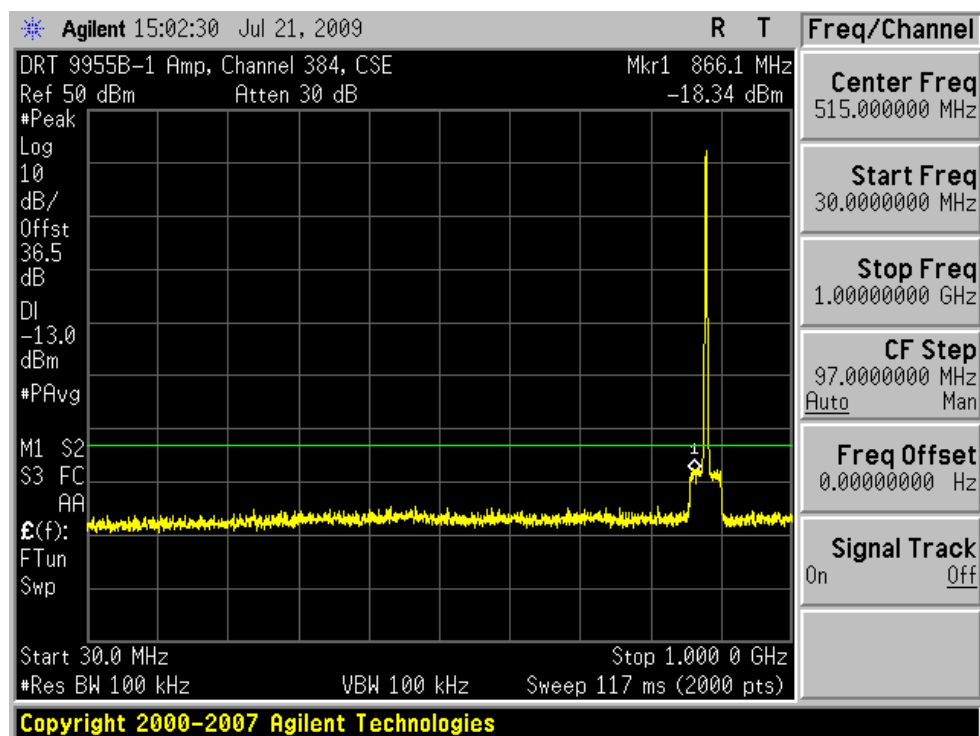


Plot 7-23. Occupied Bandwidth Plot (Cellular CDMA Mode – Ch. 12)

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 36 of 74

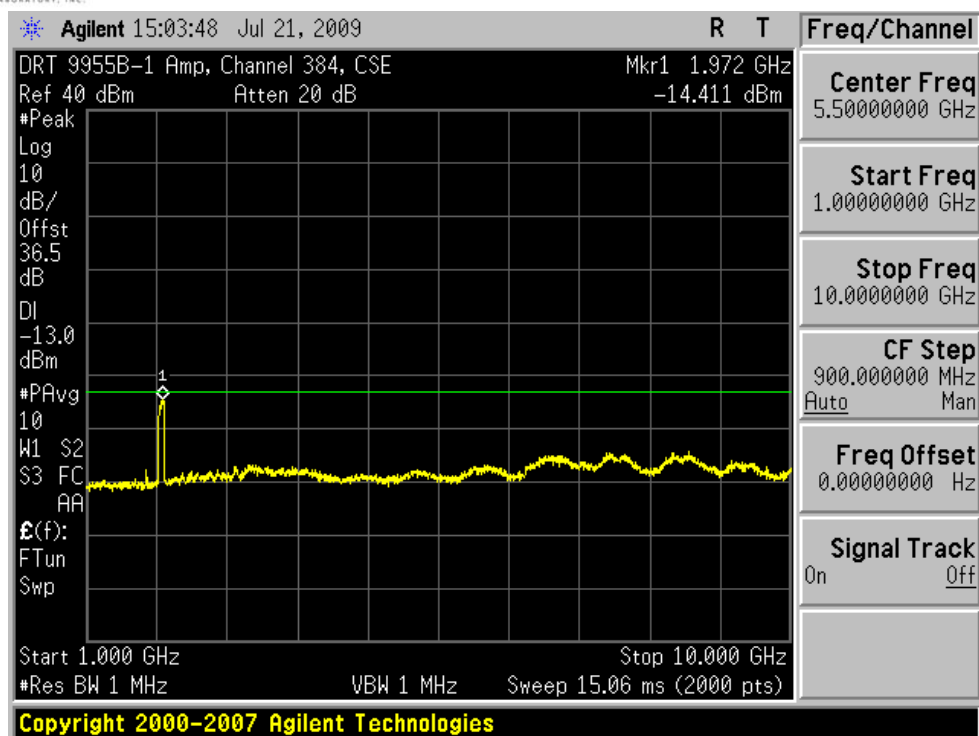


Plot 7-24. Conducted Spurious Plot (Cellular CDMA Mode – Ch. 384)

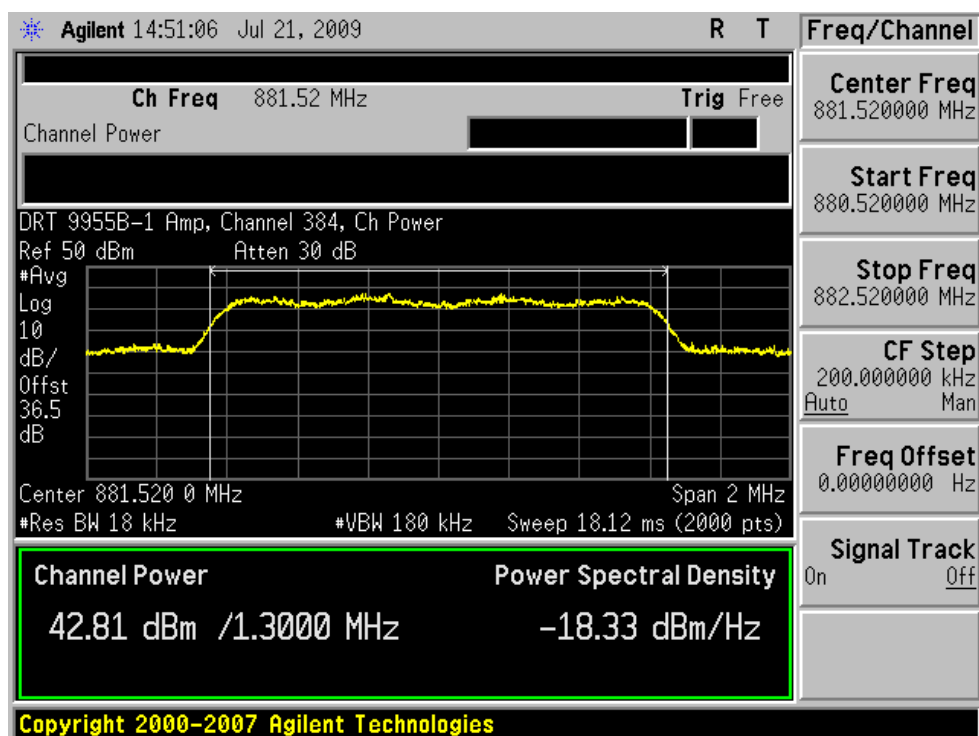


Plot 7-25. Conducted Spurious Plot (Cellular CDMA Mode – Ch. 384)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 37 of 74

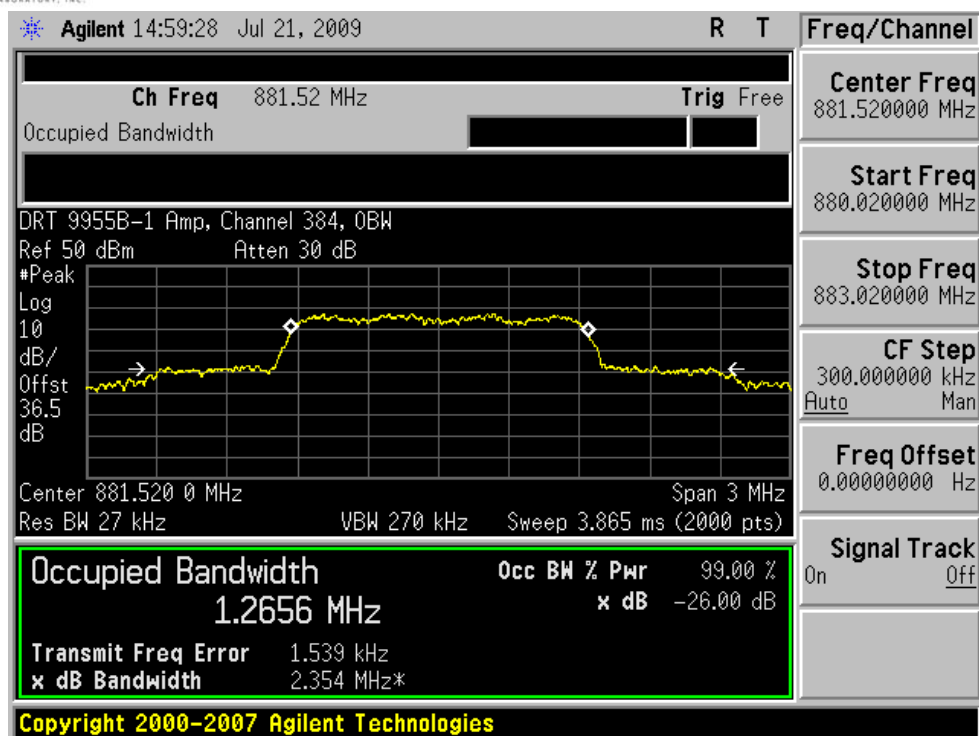


Plot 7-26. Conducted Spurious Plot (Cellular CDMA Mode – Ch. 384)

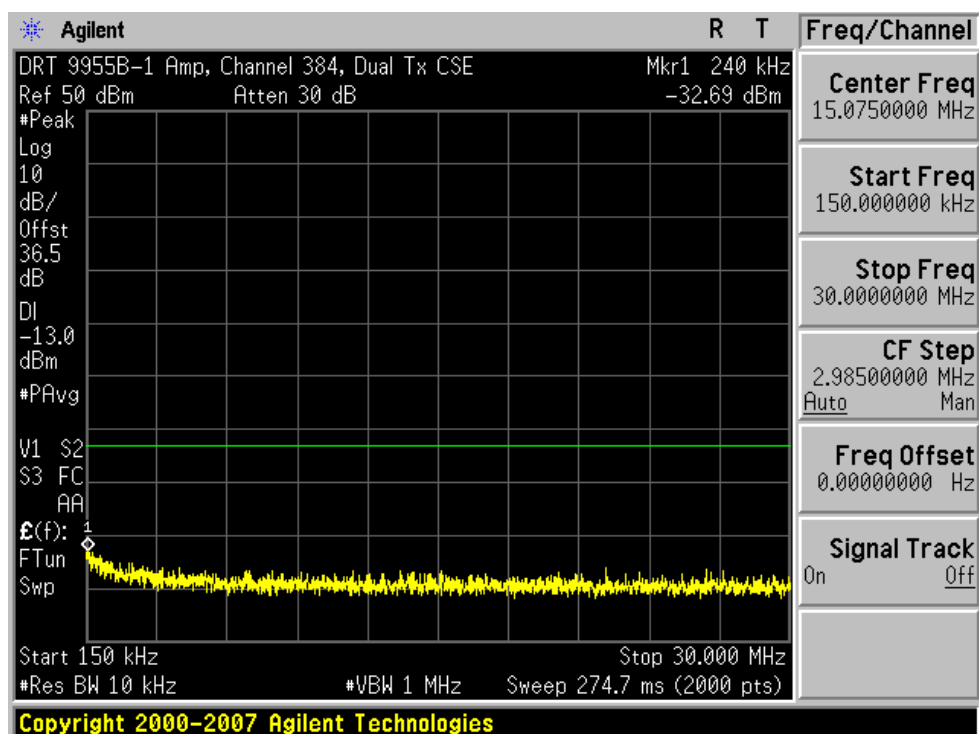


Plot 7-27. Channel Power (Cellular CDMA Mode – Ch. 384)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 38 of 74

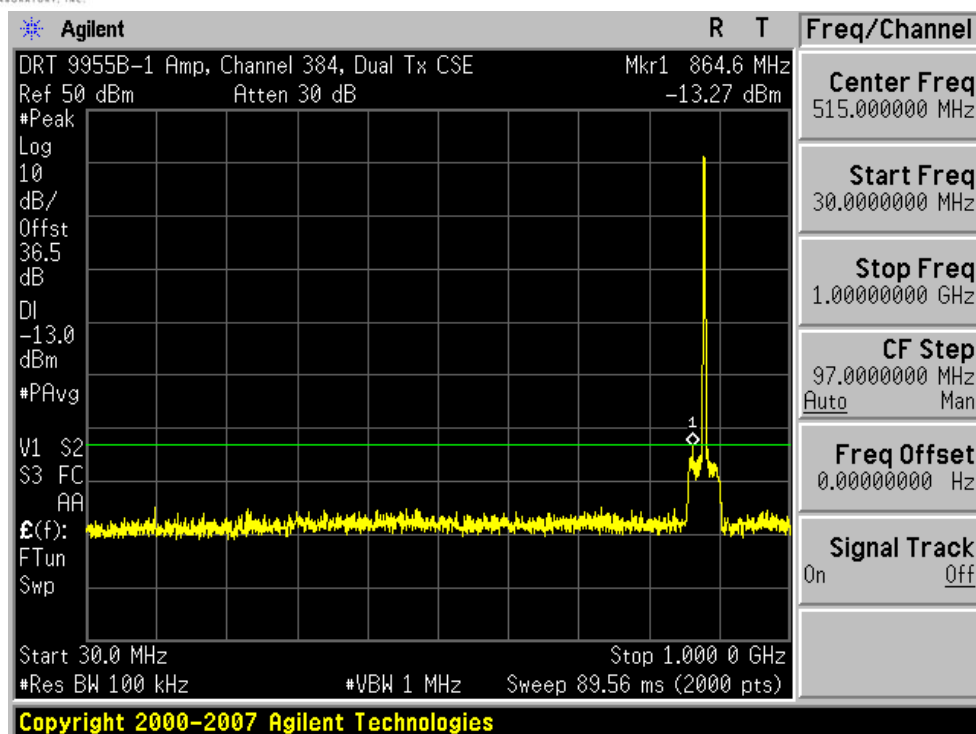


Plot 7-28. Occupied Bandwidth Plot (Cellular CDMA Mode – Ch. 384)

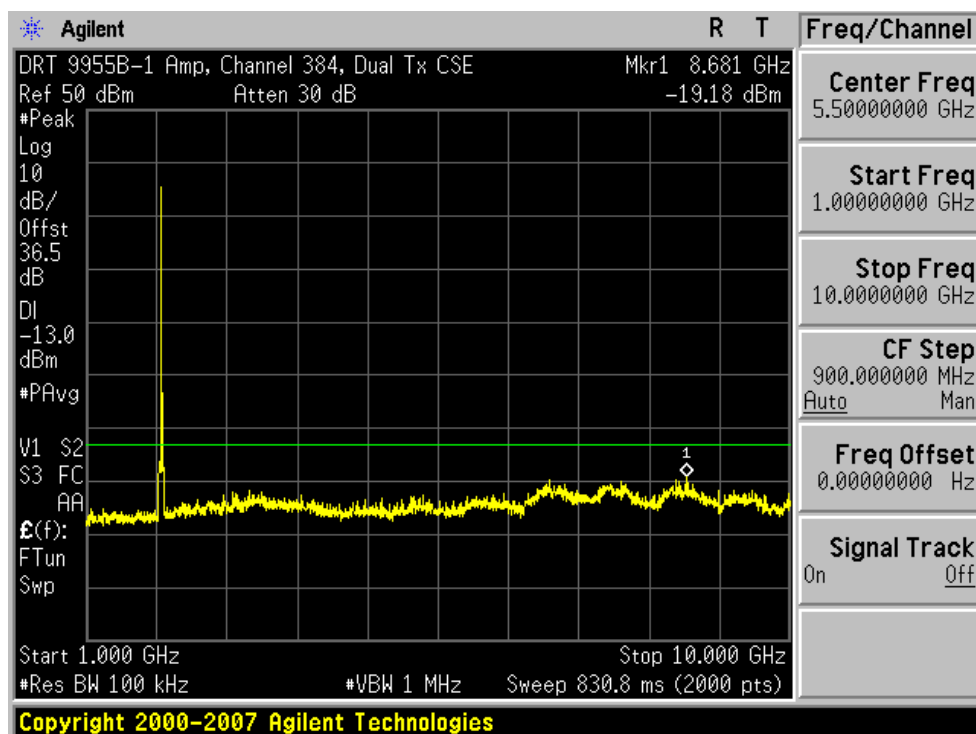


Plot 7-29. Dual Tx Conducted Spurious Plot (Cellular CDMA Mode – Ch. 384)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 39 of 74

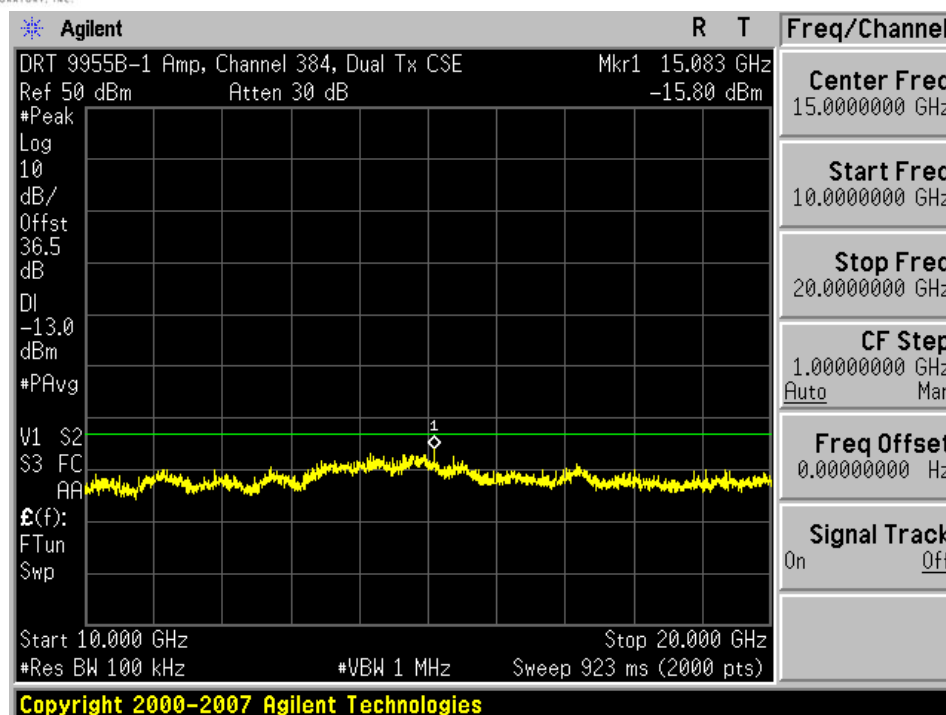


Plot 7-30. Dual Tx Conducted Spurious Plot (Cellular CDMA Mode – Ch. 384)

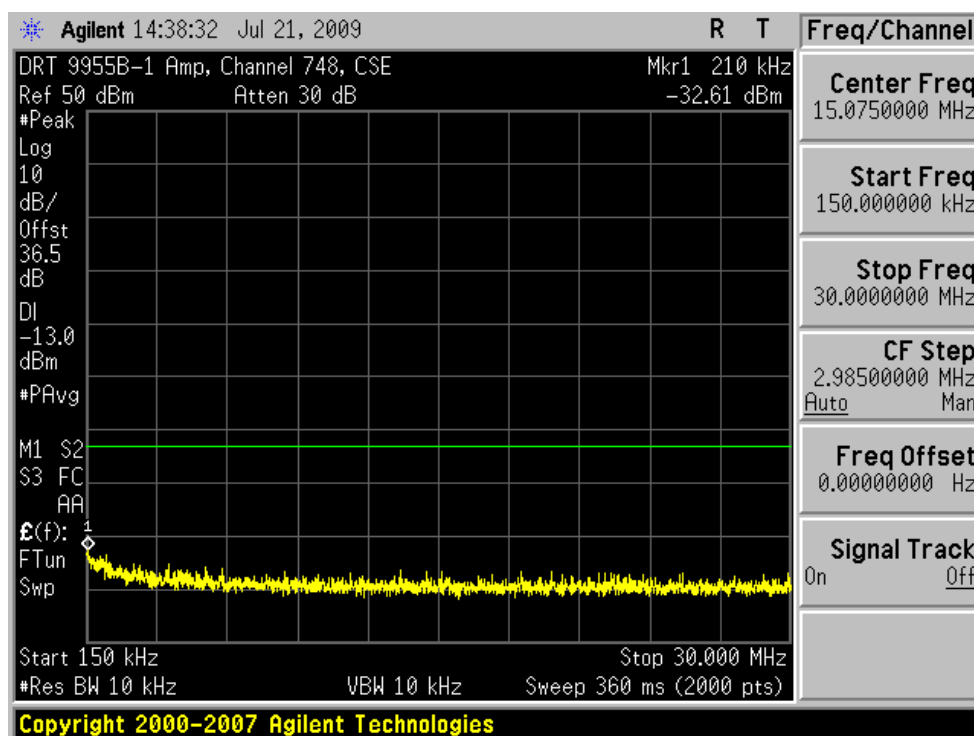


Plot 7-31. Dual Tx Conducted Spurious Plot (Cellular CDMA Mode – Ch. 384)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 40 of 74

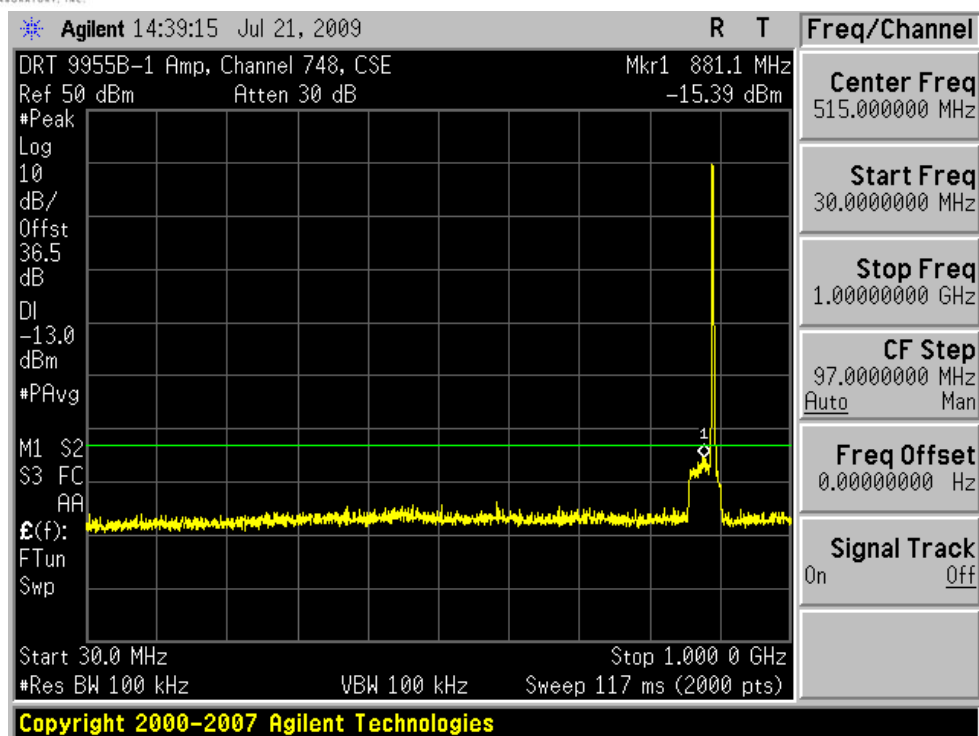


Plot 7-32. Dual Tx Conducted Spurious Plot (Cellular CDMA Mode – Ch. 384)

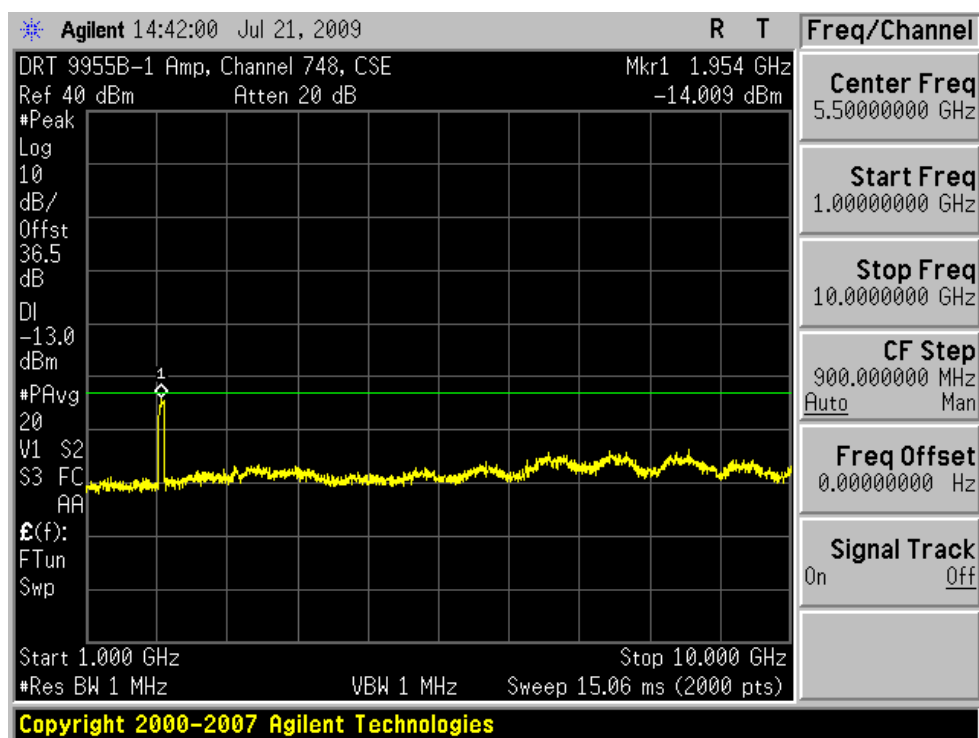


Plot 7-33. Conducted Spurious Plot (Cellular CDMA Mode – Ch. 748)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 41 of 74



Plot 7-34. Conducted Spurious Plot (Cellular CDMA Mode – Ch. 748)

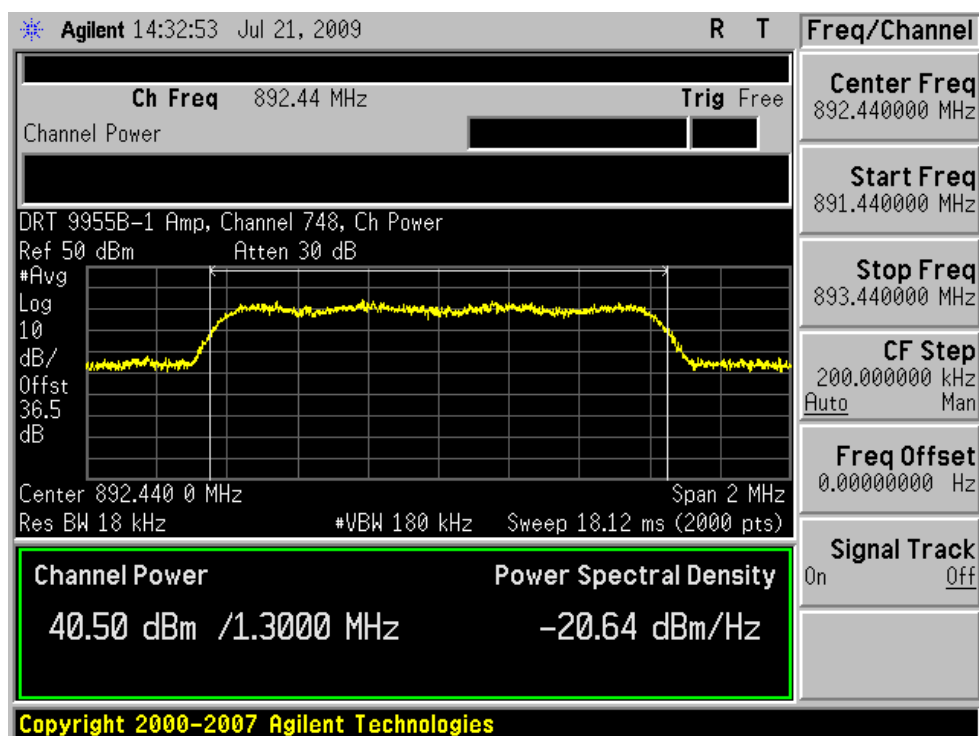


Plot 7-35. Conducted Spurious Plot (Cellular CDMA Mode – Ch. 748)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 42 of 74

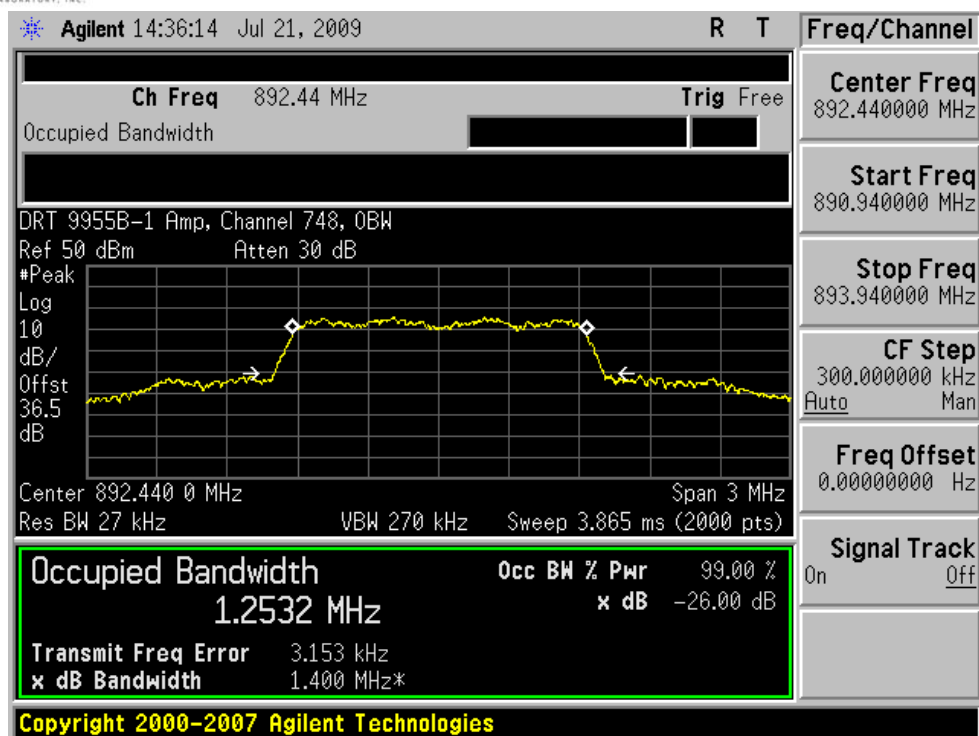


Plot 7-36. Band Edge Plot (Cellular CDMA Mode – Ch. 748)



Plot 7-37. Channel Power (Cellular CDMA Mode – Ch. 748)

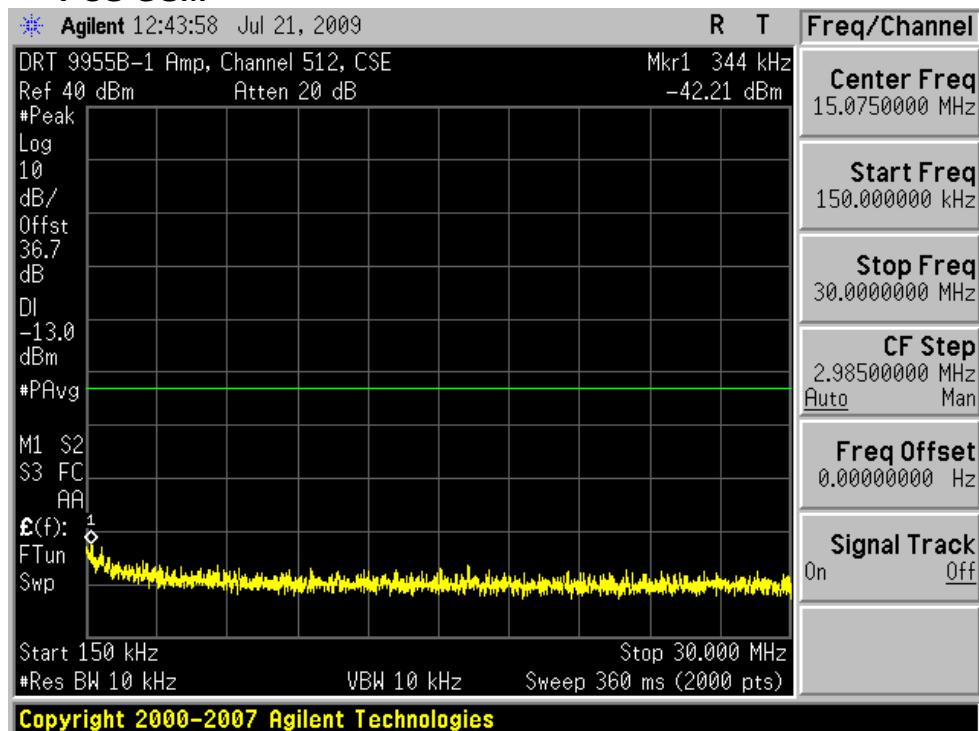
FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 43 of 74



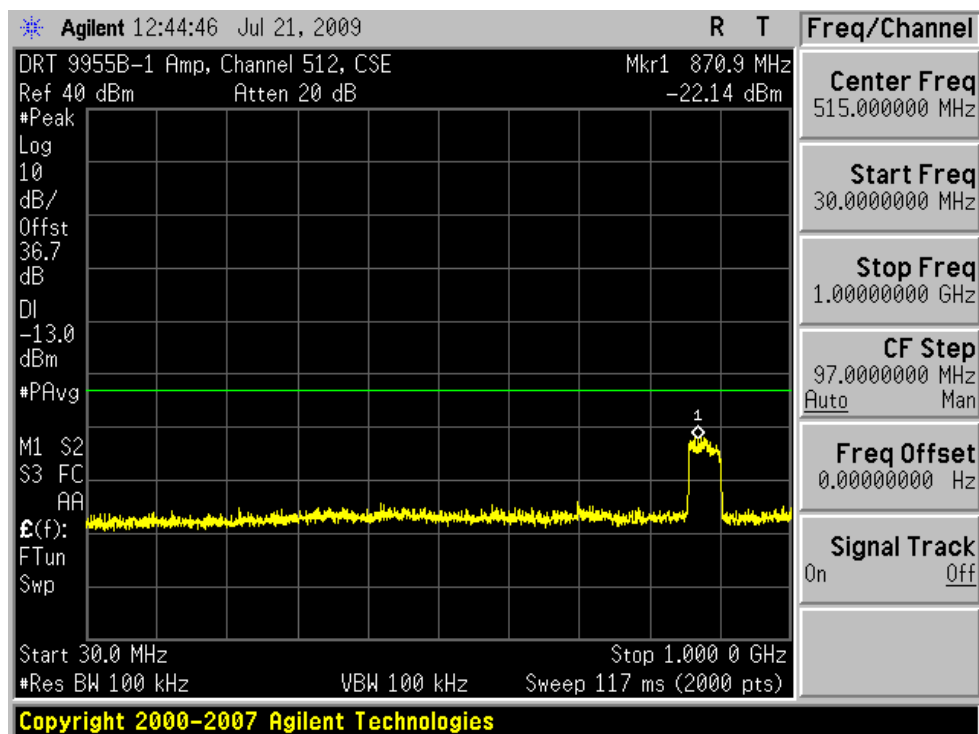
Plot 7-38. Occupied Bandwidth Plot (Cellular CDMA Mode – Ch. 748)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 44 of 74

7.3 PCS GSM

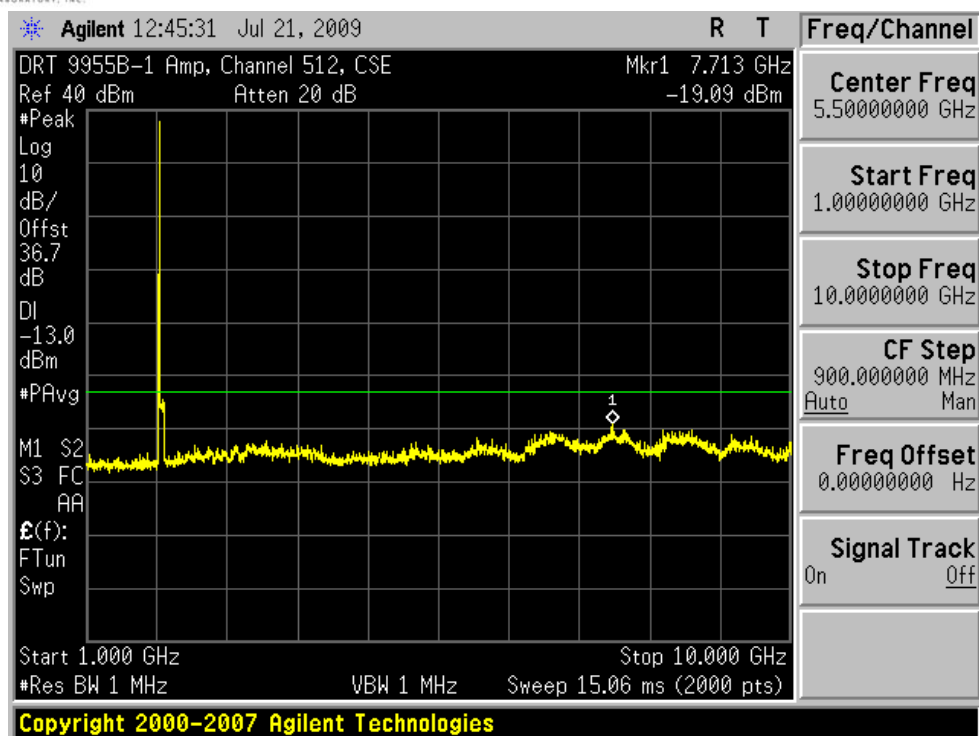


Plot 7-39. Conducted Spurious Plot (PCS GSM Mode – Ch. 512)

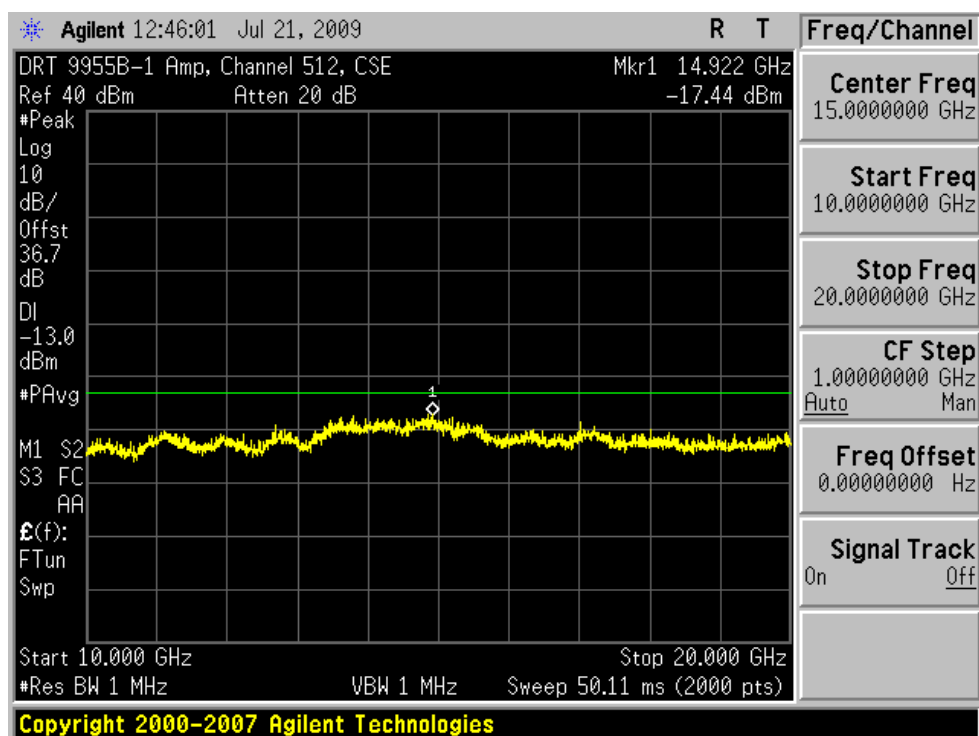


Plot 7-40. Conducted Spurious Plot (PCS GSM Mode – Ch. 512)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 45 of 74

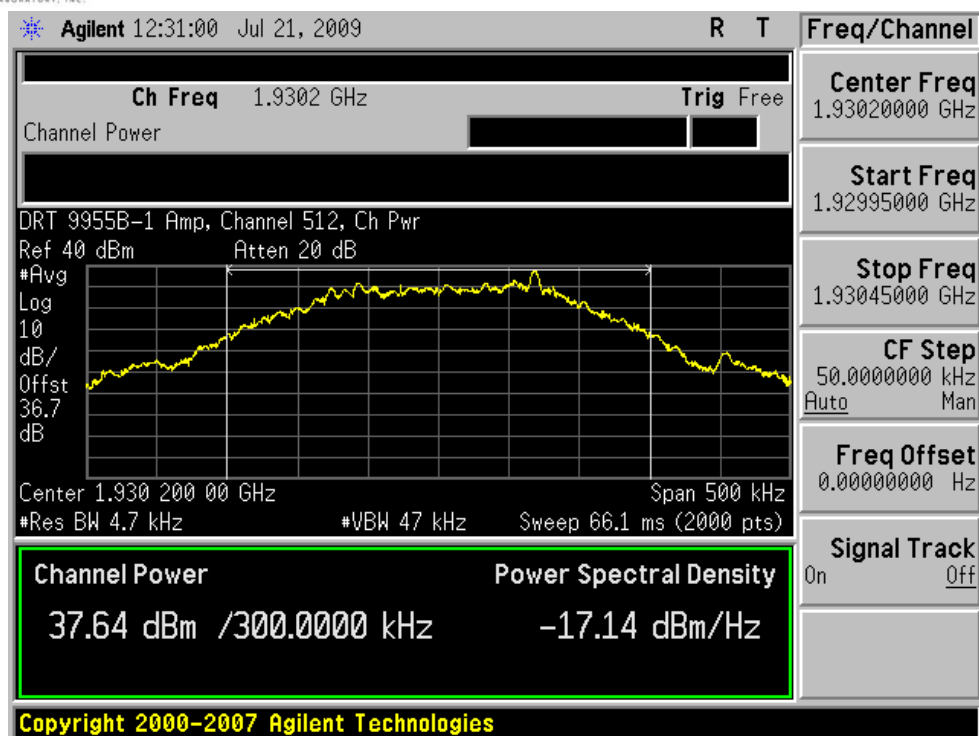


Plot 7-41. Conducted Spurious Plot (PCS GSM Mode – Ch. 512)

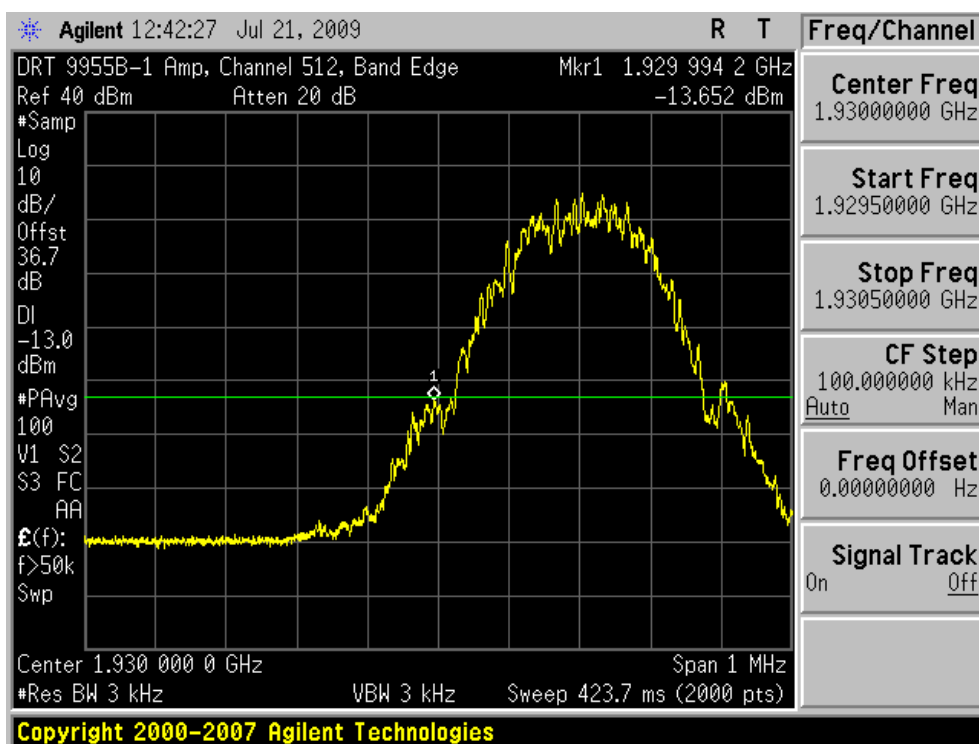


Plot 7-42. Conducted Spurious Plot (PCS GSM Mode – Ch. 512)

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 46 of 74

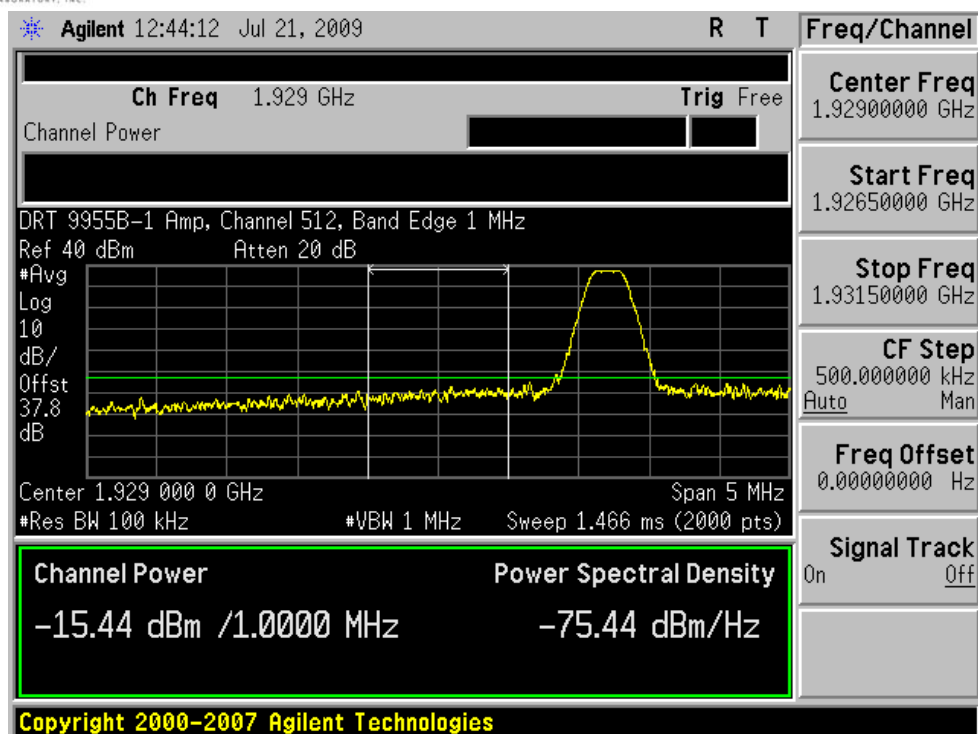


Plot 7-43. Channel Power (PCS GSM Mode – Ch. 512)

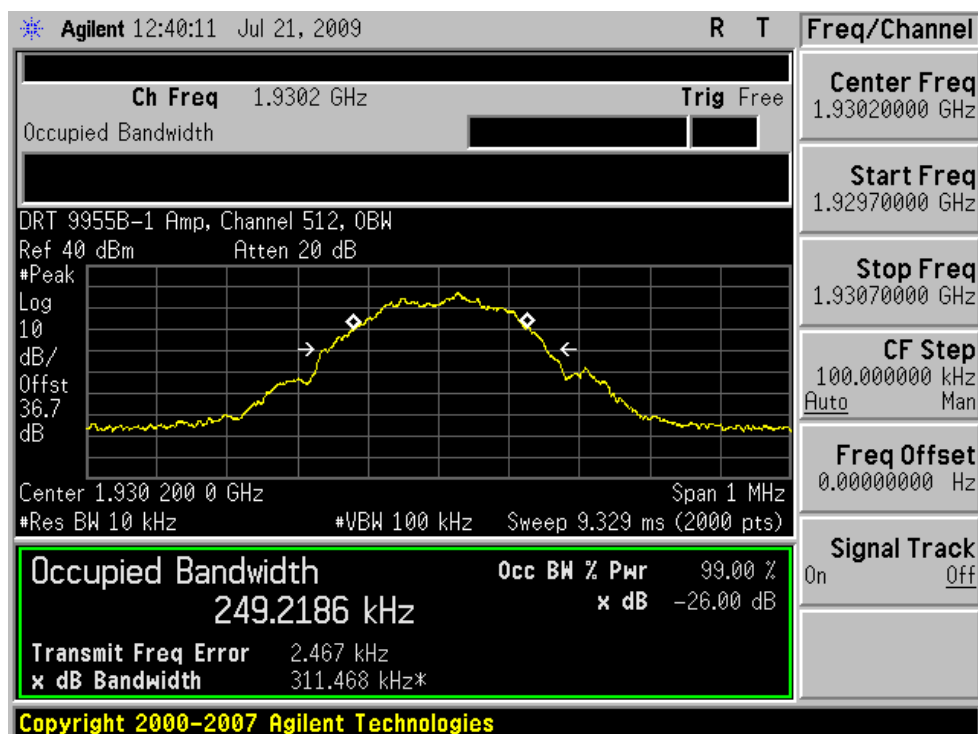


Plot 7-44. Band Edge Plot (PCS GSM Mode – Ch. 512)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 47 of 74

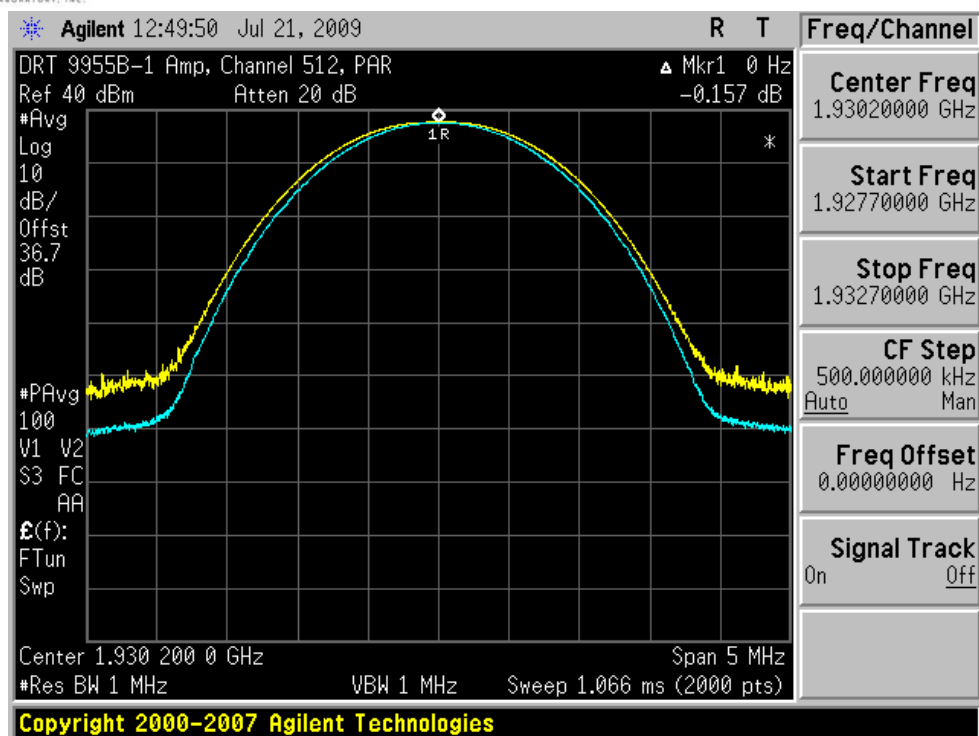


Plot 7-45. 1M from Band Edge Plot (PCS GSM Mode – Ch. 512)

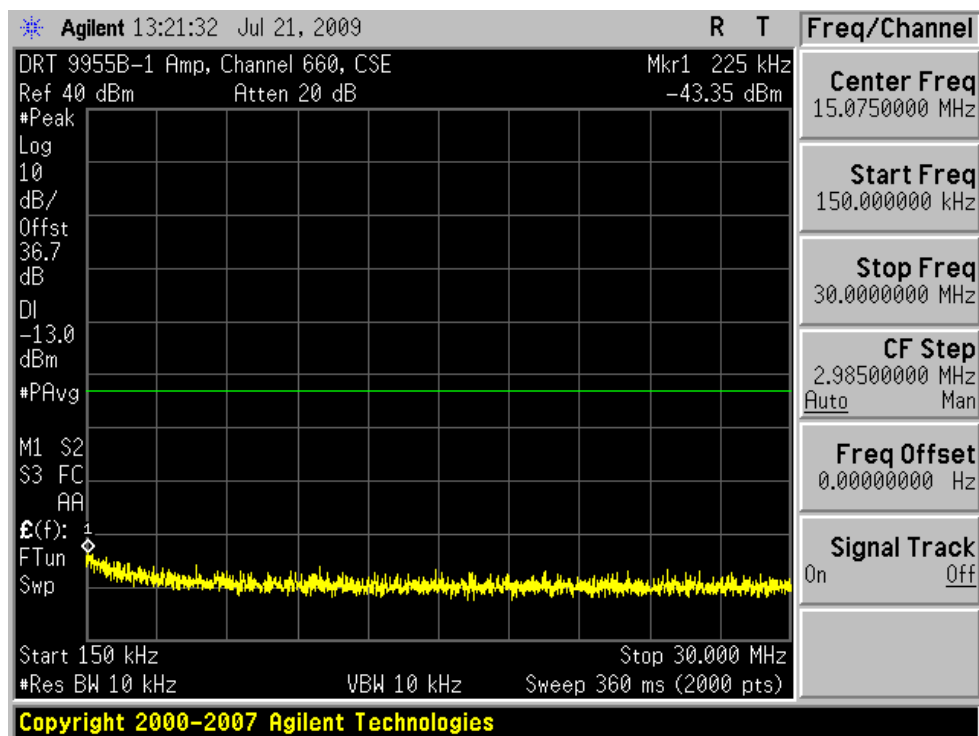


Plot 7-46. Occupied Bandwidth Plot (PCS GSM Mode – Ch. 512)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 48 of 74

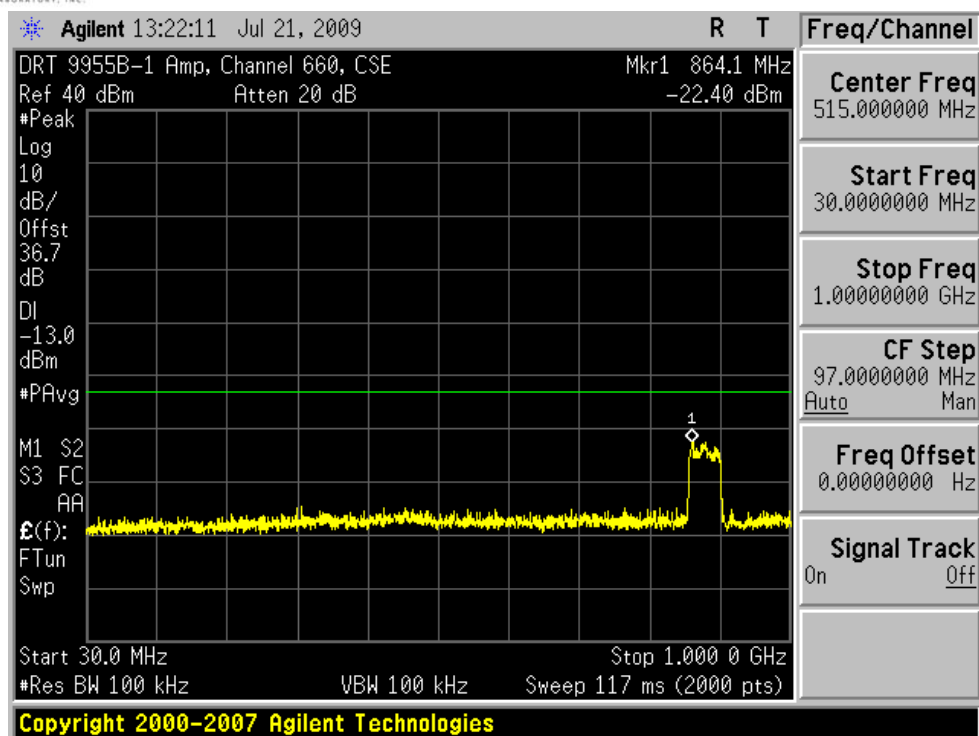


Plot 7-47. Peak-Average Ratio Plot (PCS GSM Mode – Ch. 512)

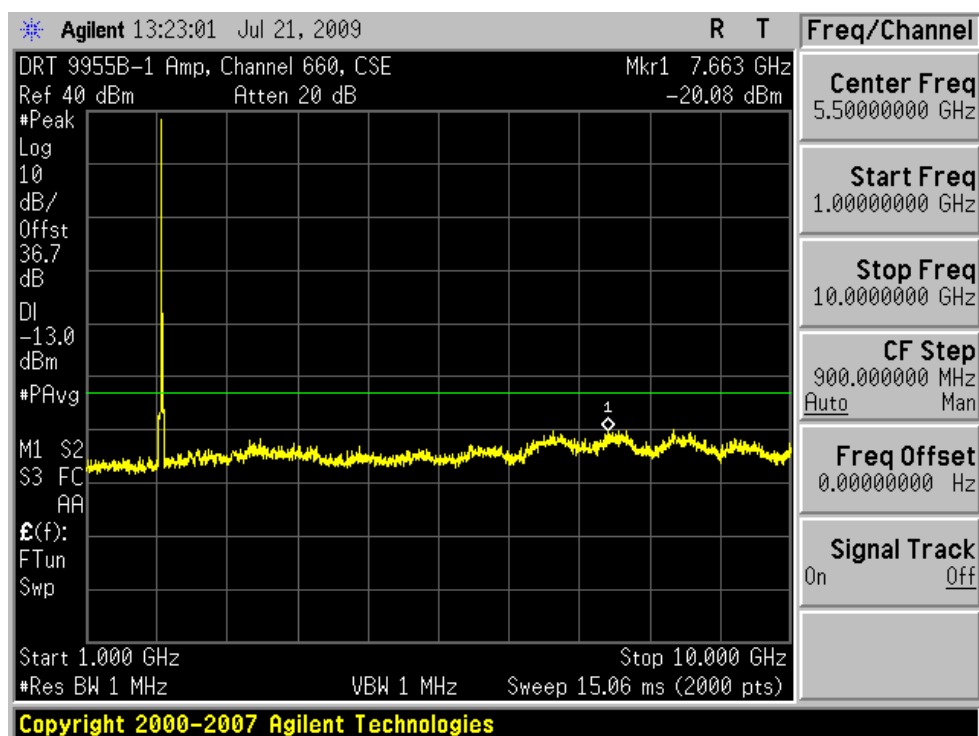


Plot 7-48. Conducted Spurious Plot (PCS GSM Mode – Ch. 660)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 49 of 74

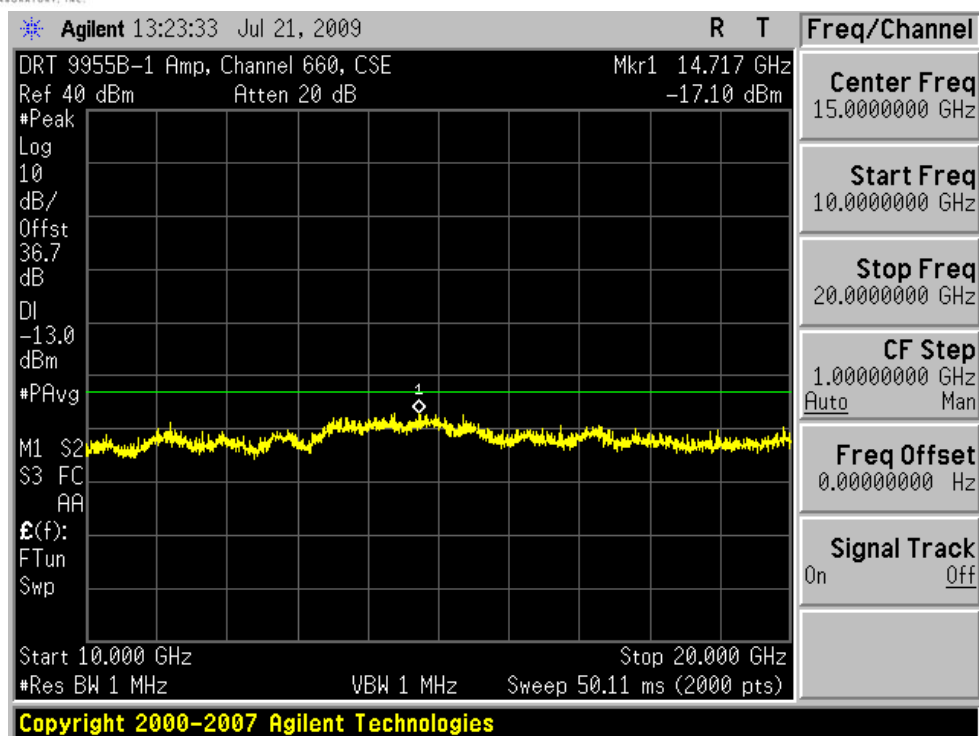


Plot 7-49. Conducted Spurious Plot (PCS GSM Mode – Ch. 660)

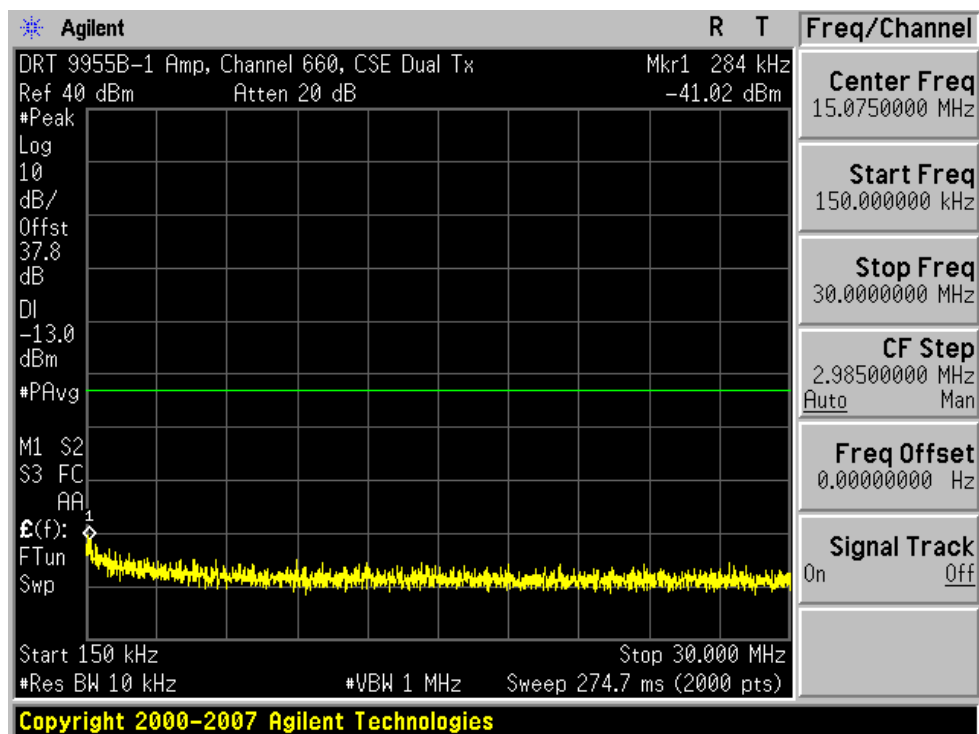


Plot 7-50. Conducted Spurious Plot (PCS GSM Mode – Ch. 660)

FCC ID: TBD	 FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION) 		Reviewed by: Quality Manager
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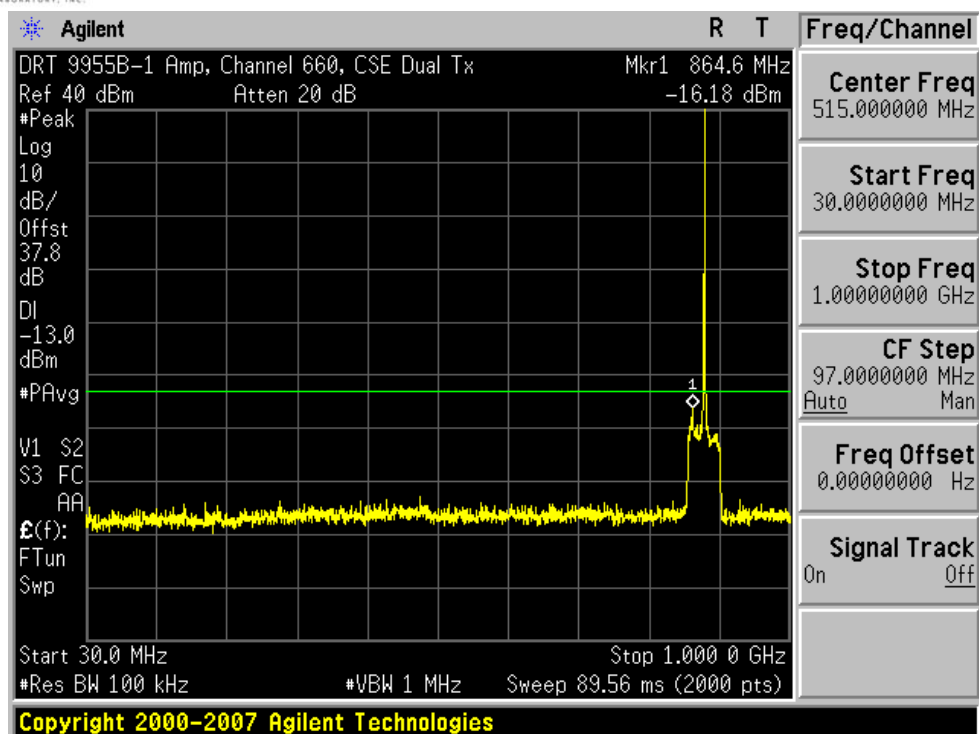


Plot 7-51. Conducted Spurious Plot (PCS GSM Mode - Ch. 660)

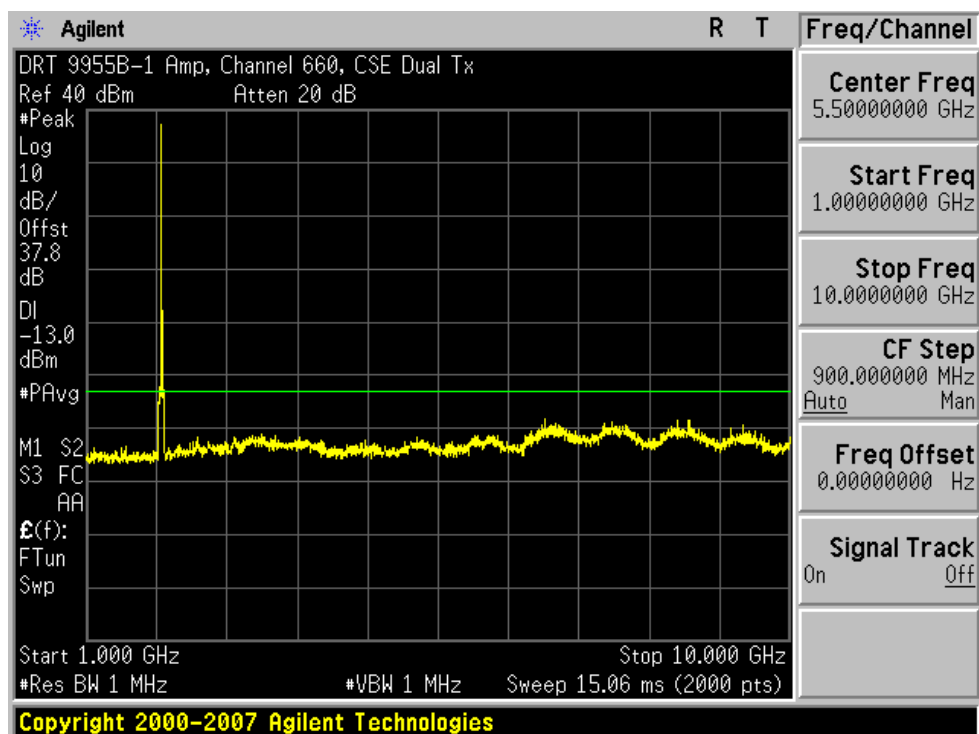


Plot 7-52. Dual Tx Conducted Spurious Plot (PCS GSM Mode - Ch. 660)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 51 of 74

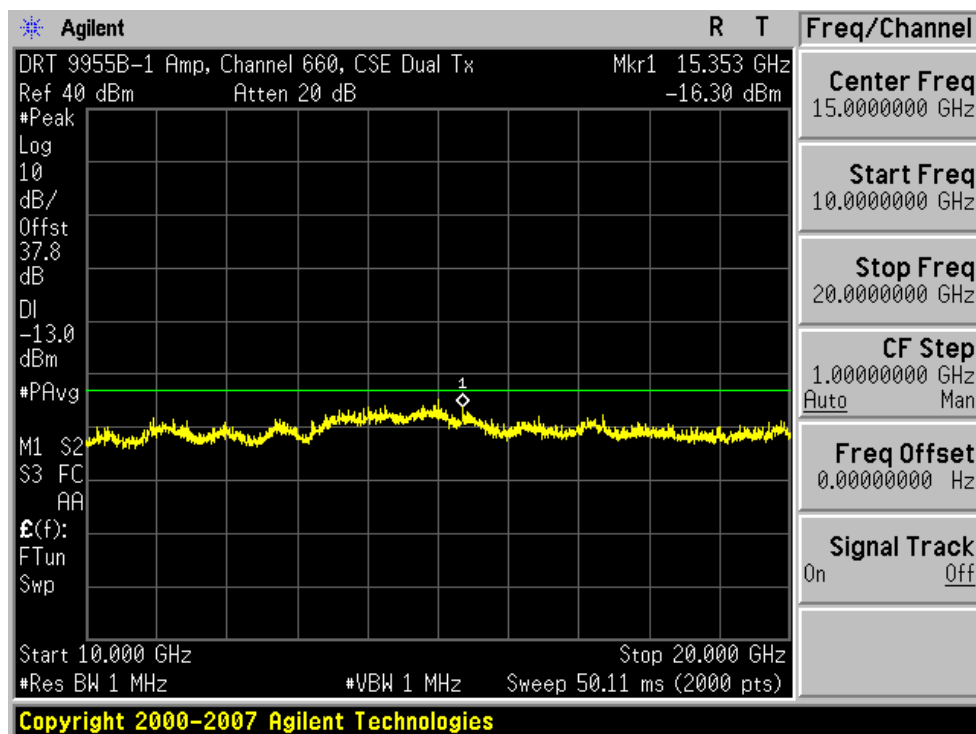


Plot 7-53. Dual Tx Conducted Spurious Plot (PCS GSM Mode – Ch. 660)

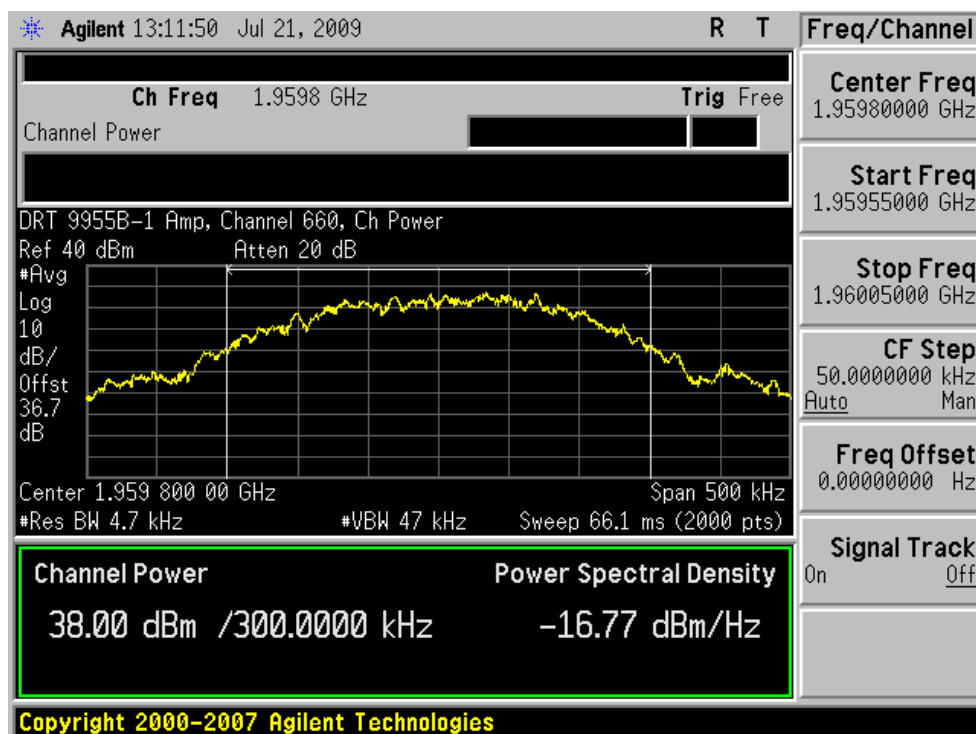


Plot 7-54. Dual Tx Conducted Spurious Plot (PCS GSM Mode – Ch. 660)

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 52 of 74

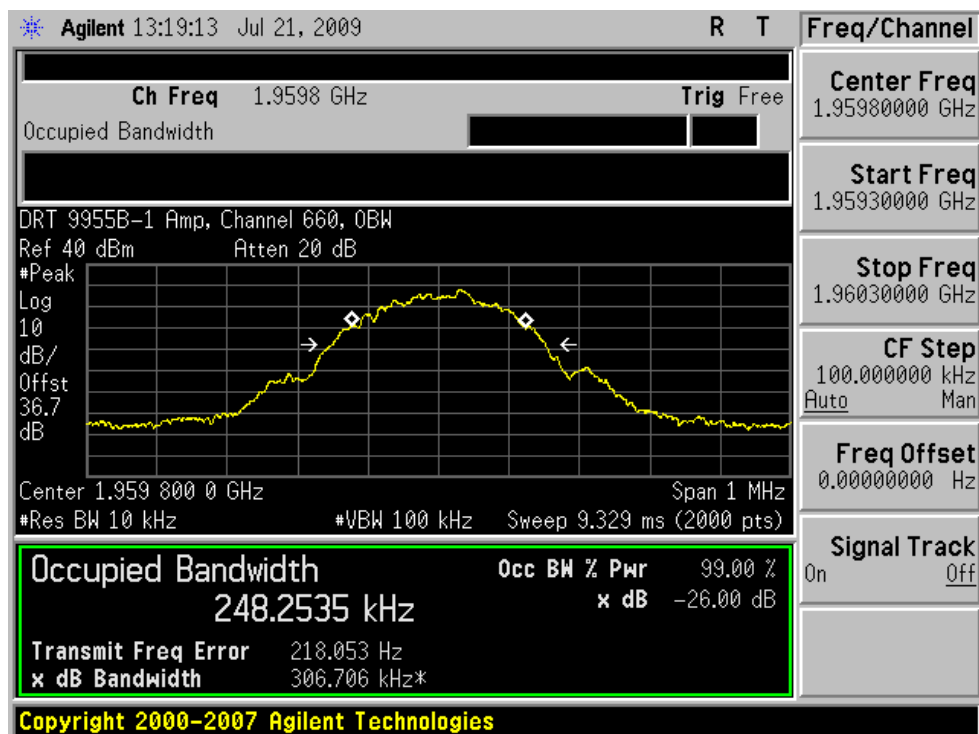


Plot 7-55. Dual Tx Conducted Spurious Plot (PCS GSM Mode – Ch. 660)

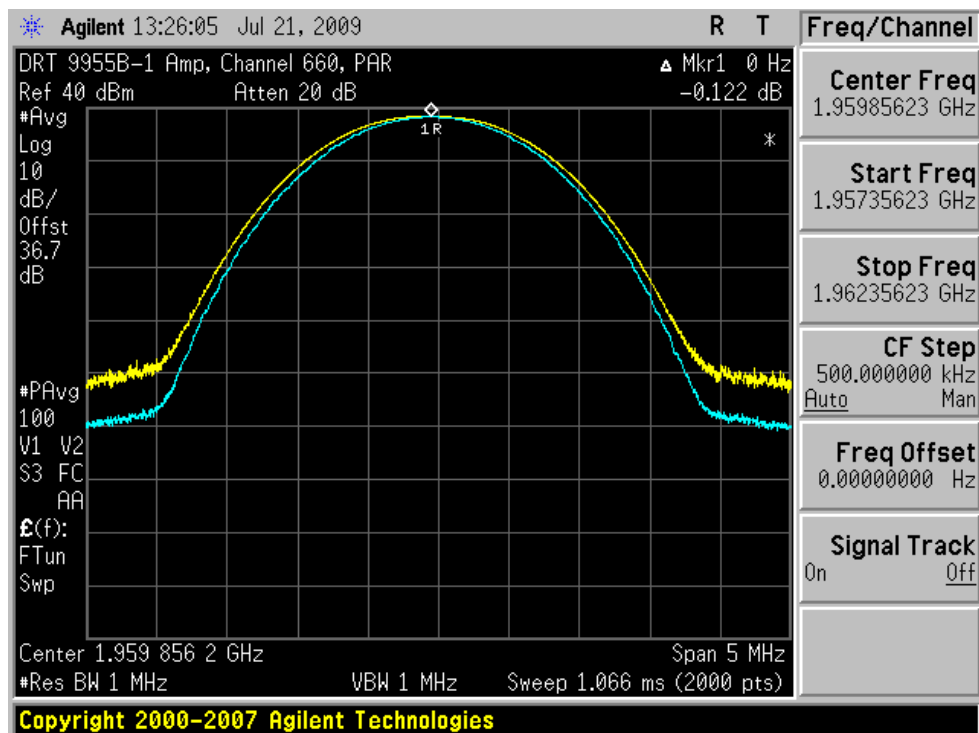


Plot 7-56. Channel Power (PCS GSM Mode – Ch. 660)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 53 of 74

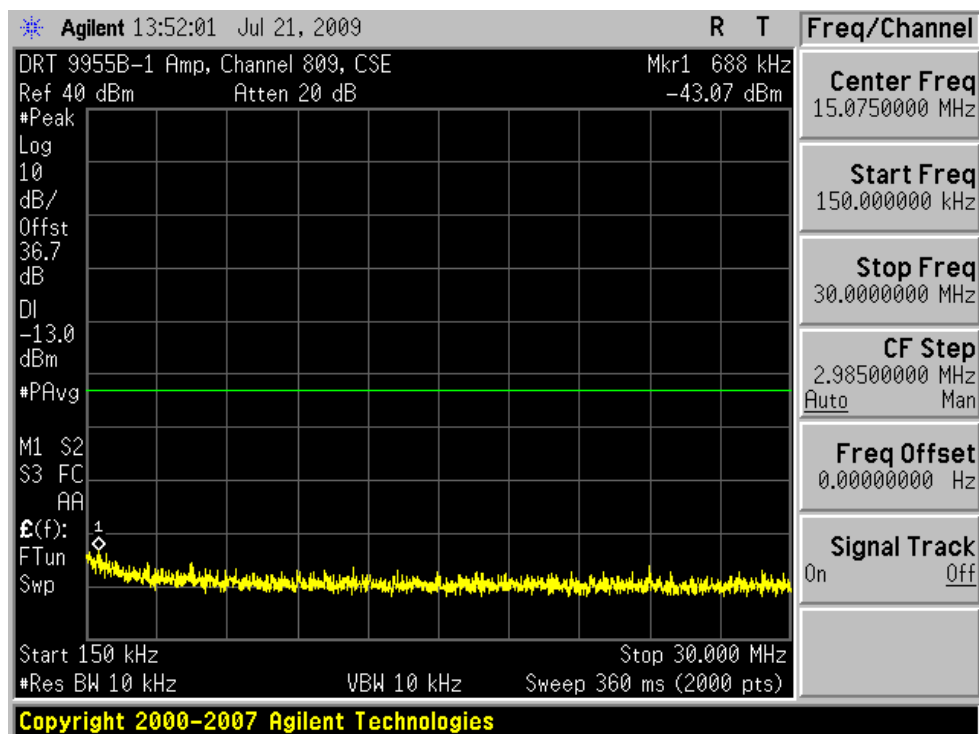


Plot 7-57. Occupied Bandwidth Plot (PCS GSM Mode – Ch. 660)

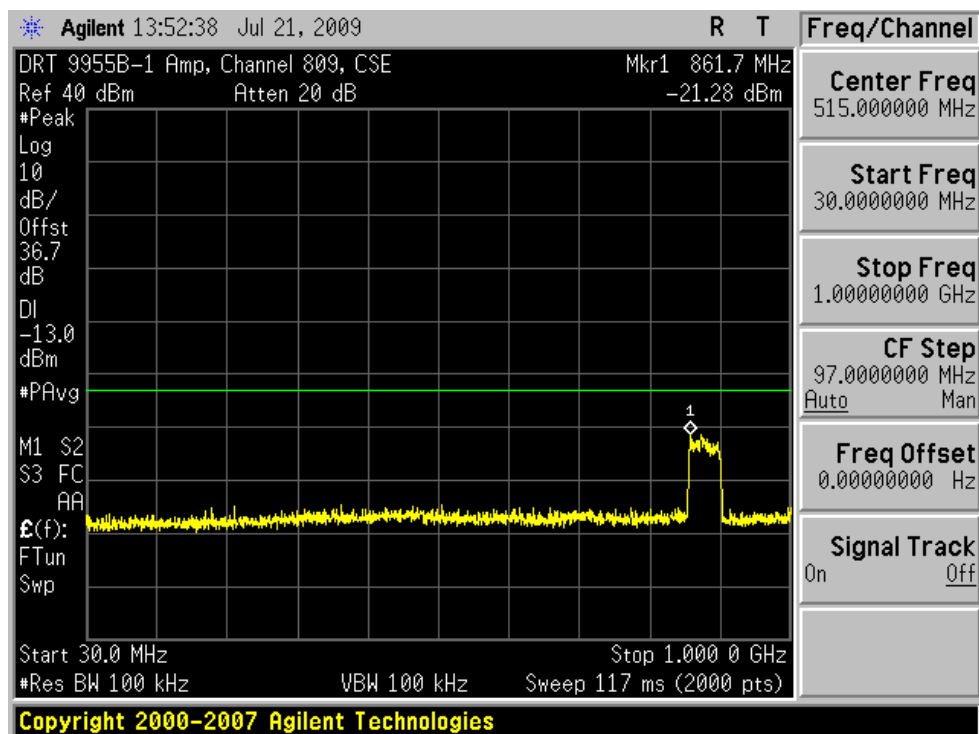


Plot 7-58. Peak-Average Ratio Plot (PCS GSM Mode – Ch. 660)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 54 of 74

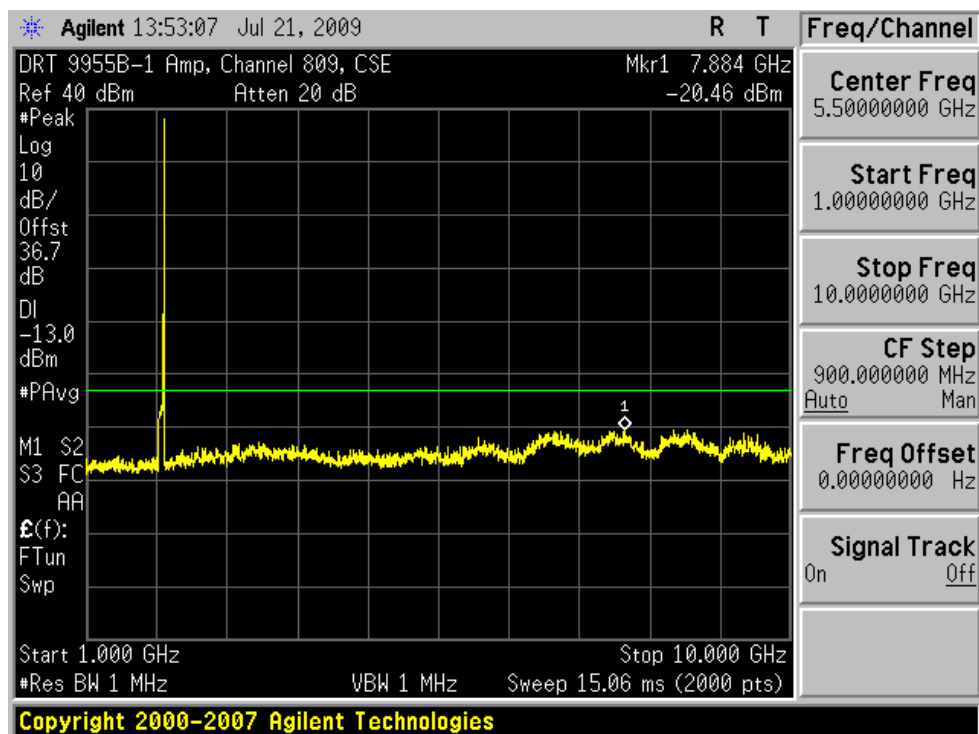


Plot 7-59. Conducted Spurious Plot (PCS GSM Mode – Ch. 809)

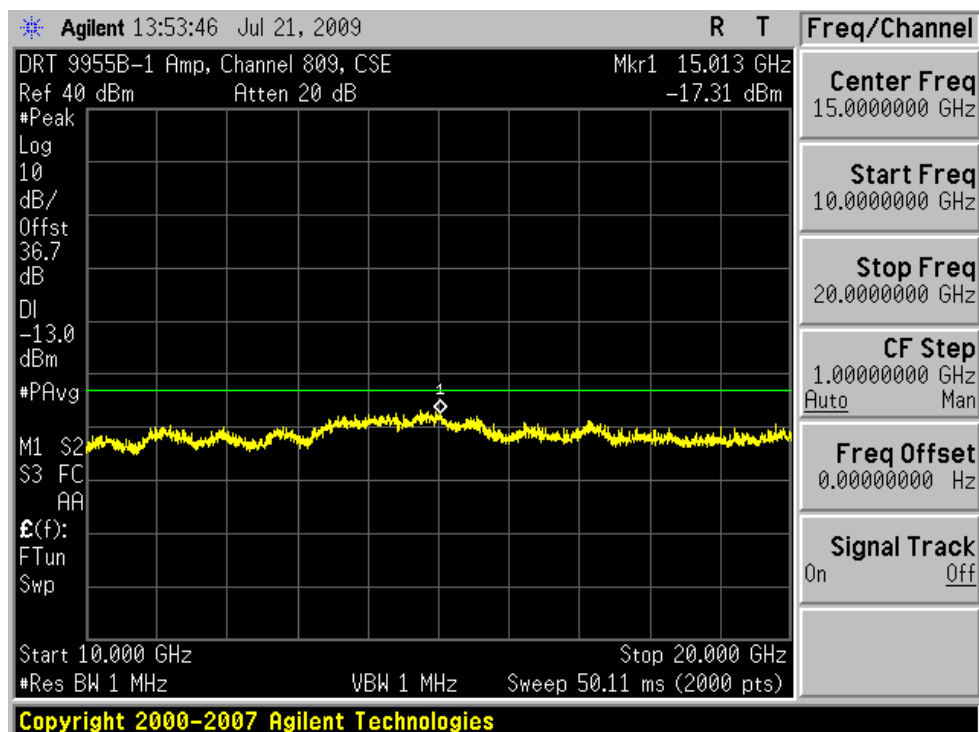


Plot 7-60. Conducted Spurious Plot (PCS GSM Mode – Ch. 809)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 55 of 74

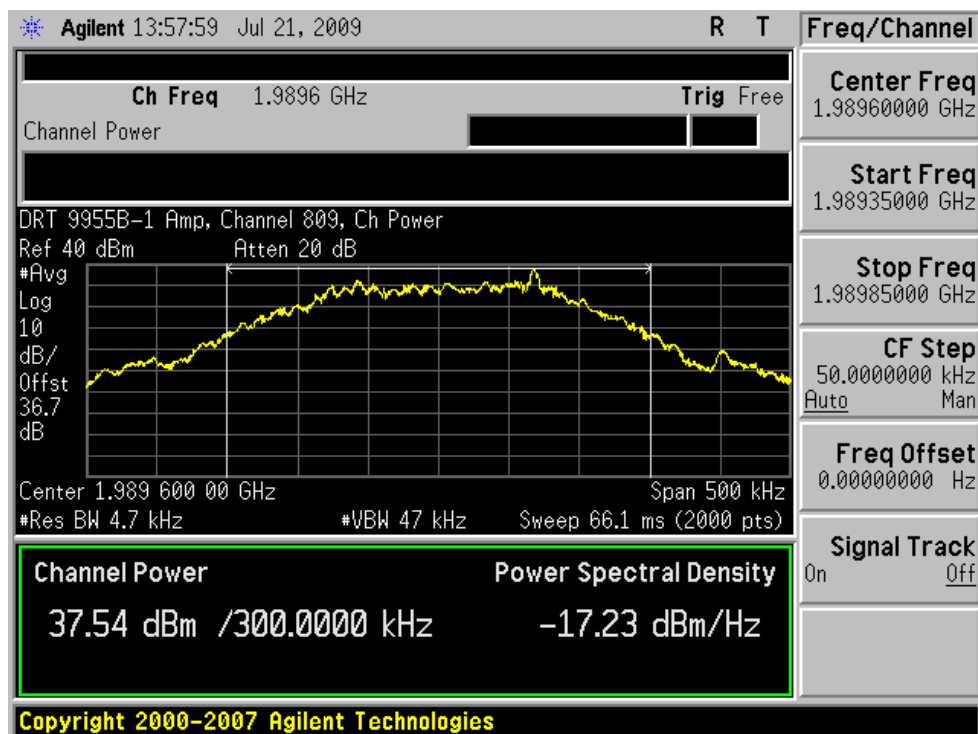


Plot 7-61. Conducted Spurious Plot (PCS GSM Mode – Ch. 809)

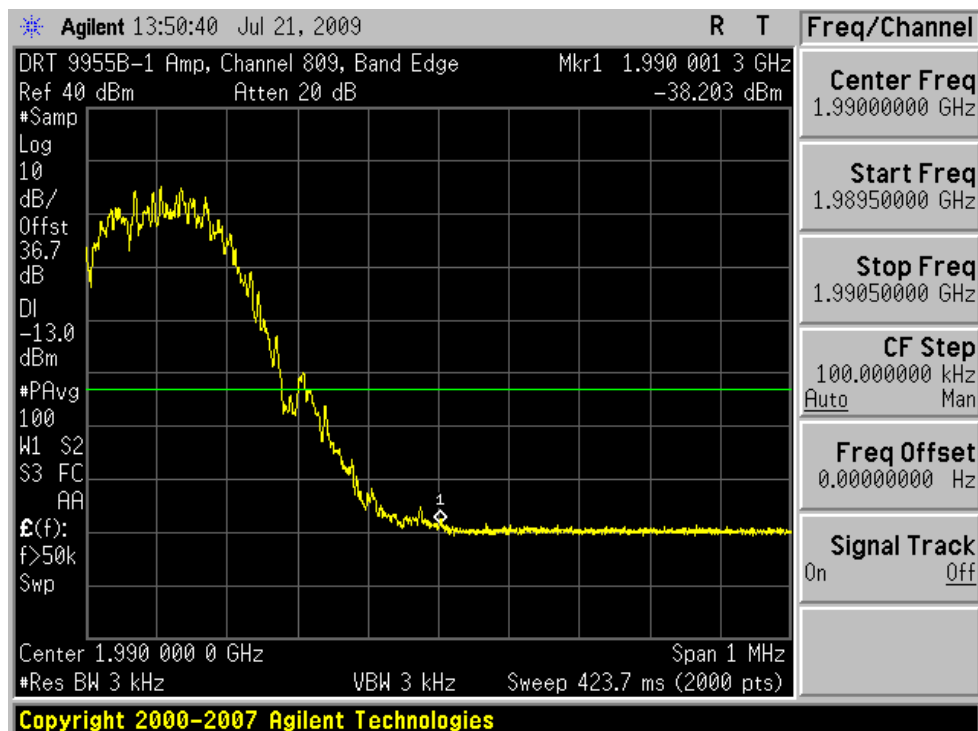


Plot 7-62. Conducted Spurious Plot (PCS GSM Mode – Ch. 809)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 56 of 74

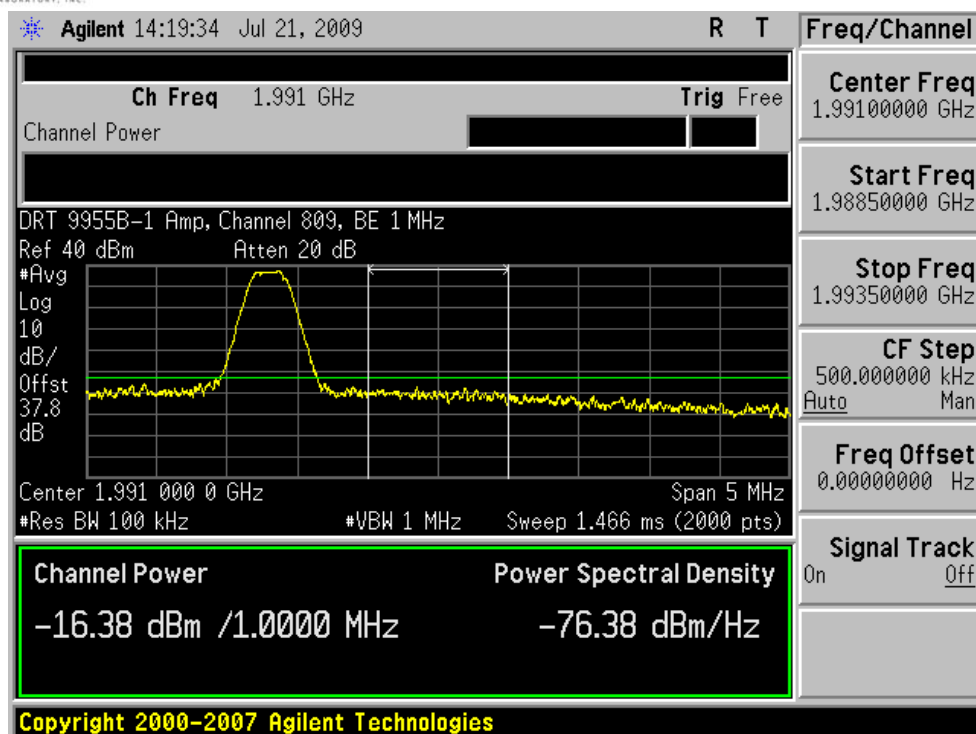


Plot 7-63. Channel Power (PCS GSM Mode - Ch. 809)

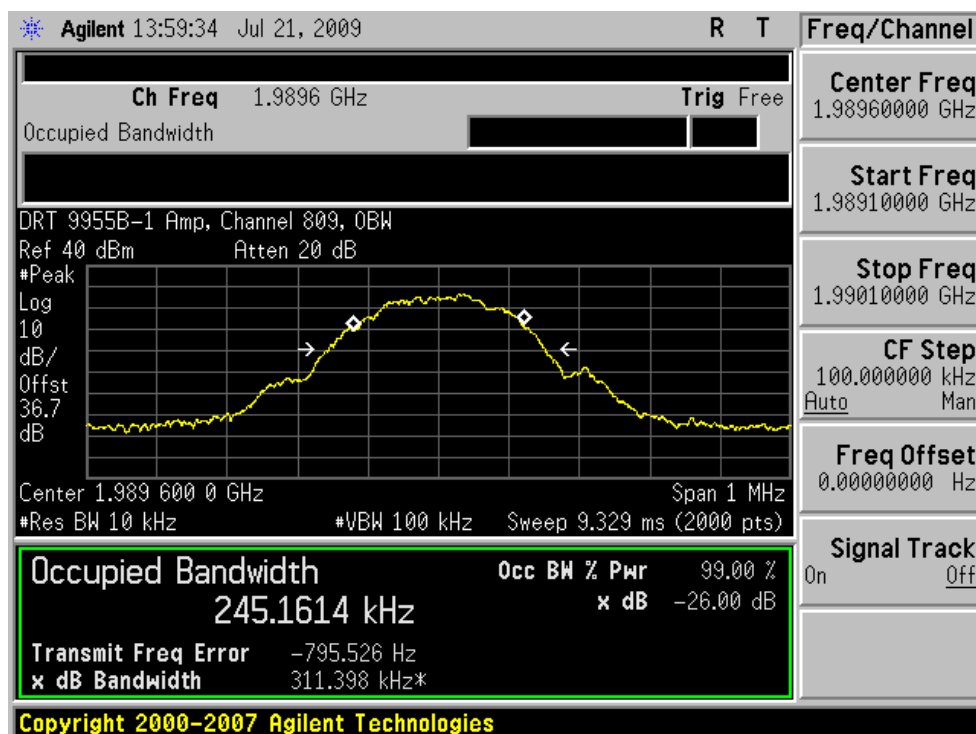


Plot 7-64. Band Edge Plot (PCS GSM Mode - Ch. 809)

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 57 of 74

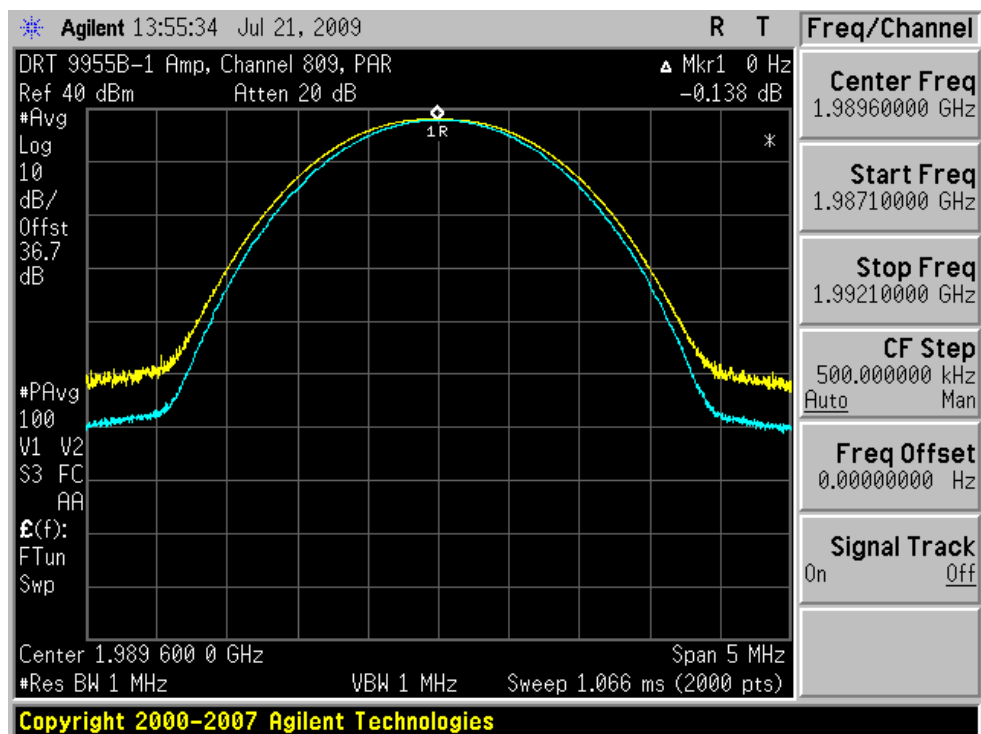


Plot 7-65. 1M from Band Edge Plot (PCS GSM Mode – Ch. 809)



Plot 7-66. Occupied Bandwidth Plot (PCS GSM Mode – Ch. 809)

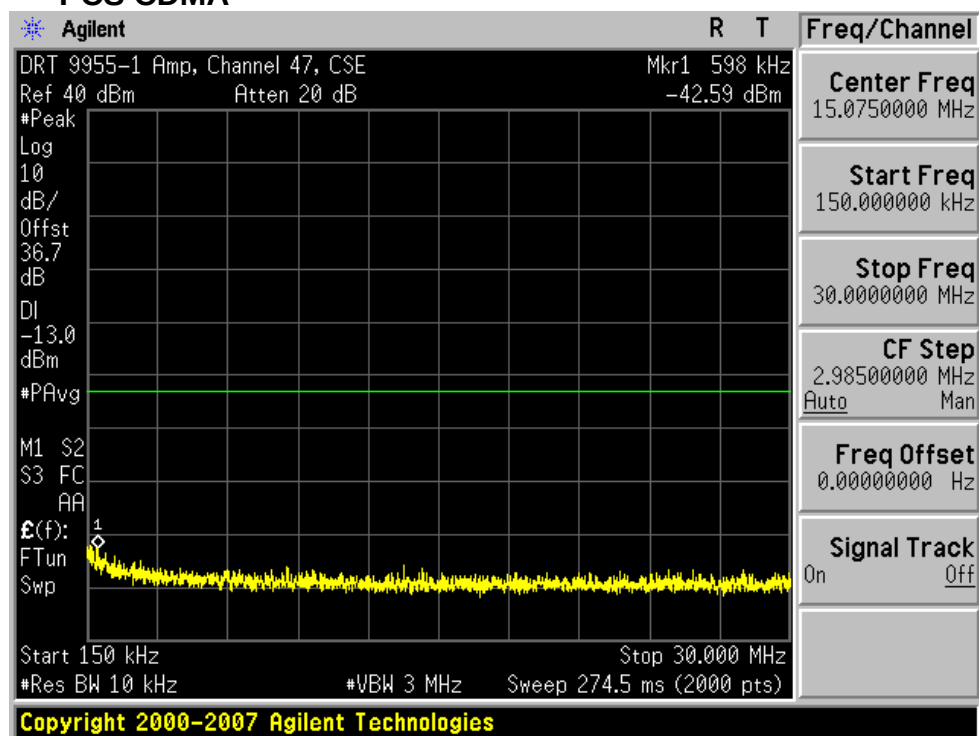
FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 58 of 74



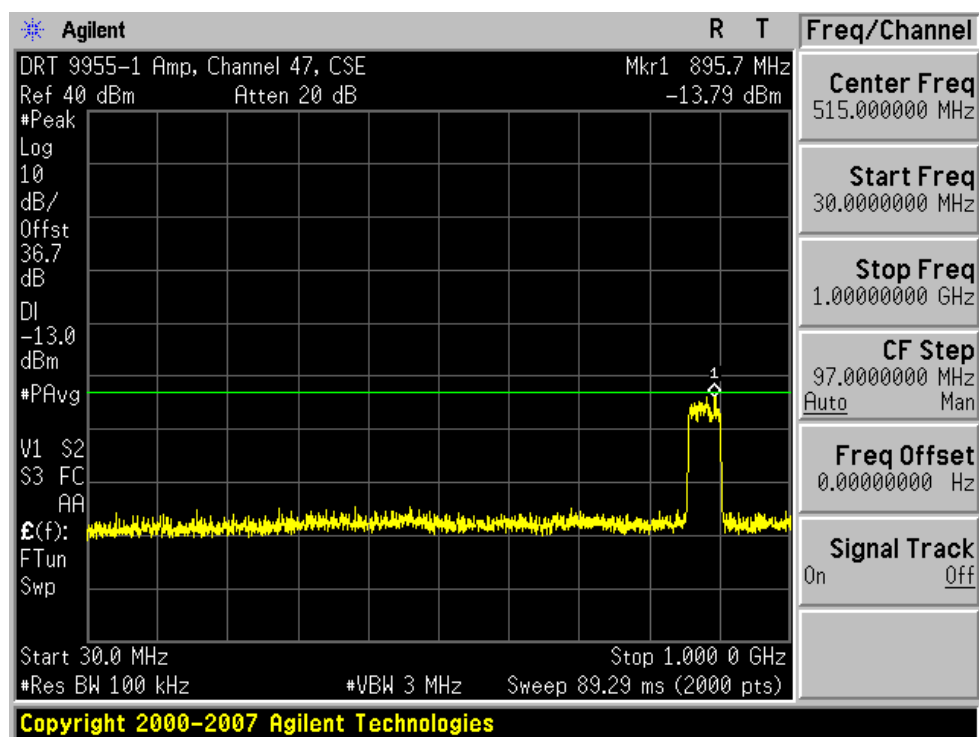
Plot 7-67. Peak-Average Ratio Plot (PCS GSM Mode – Ch. 809)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 59 of 74

7.4 PCS CDMA

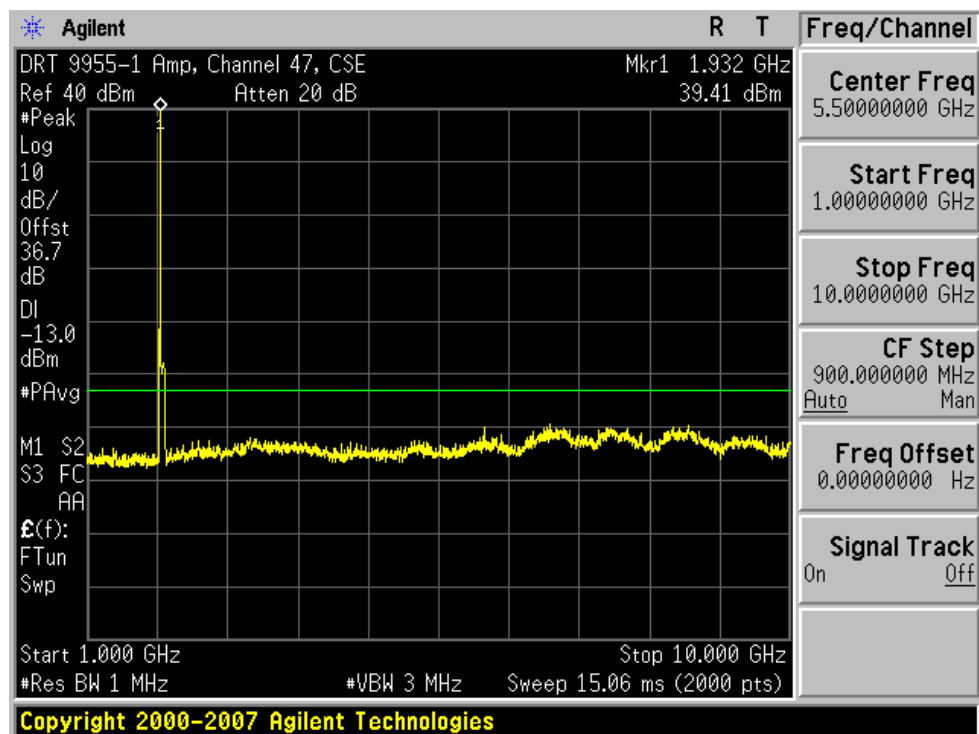


Plot 7-68. Conducted Spurious Plot (PCS CDMA Mode – Ch. 47)

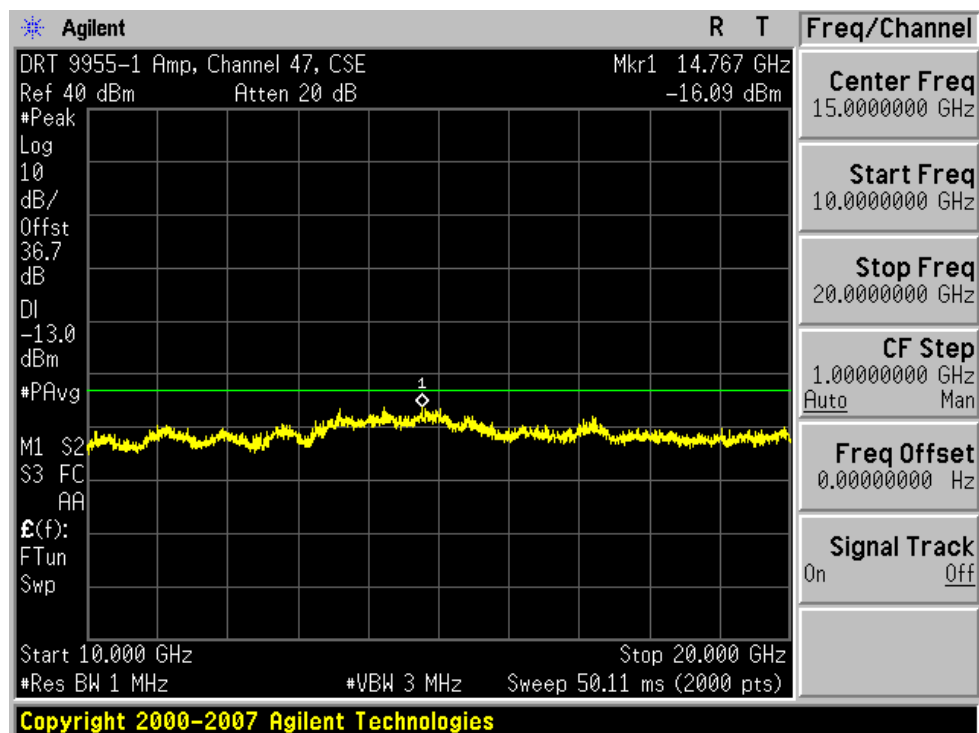


Plot 7-69. Conducted Spurious Plot (PCS CDMA Mode – Ch. 47)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 60 of 74

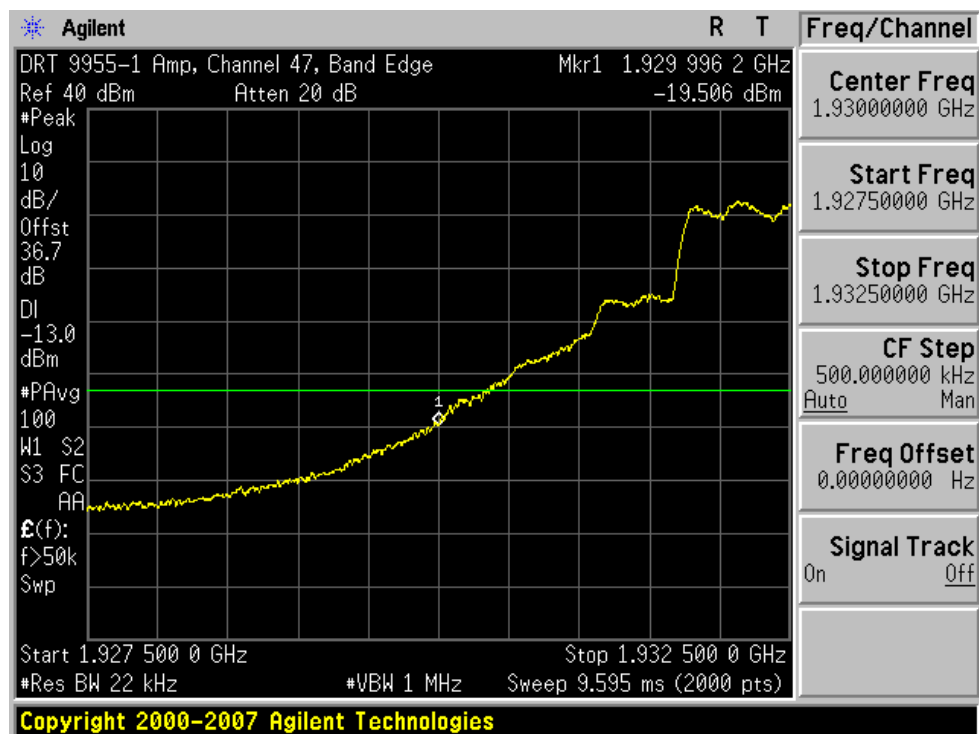


Plot 7-70. Conducted Spurious Plot (PCS CDMA Mode – Ch. 47)

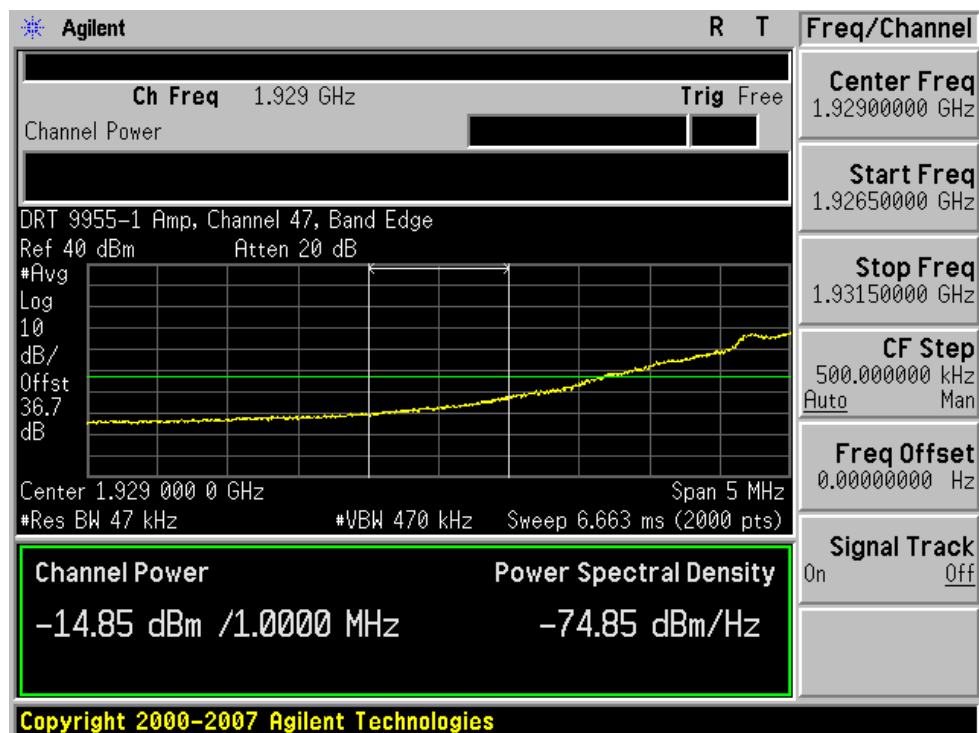


Plot 7-71. Conducted Spurious Plot (PCS CDMA Mode – Ch. 47)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 61 of 74

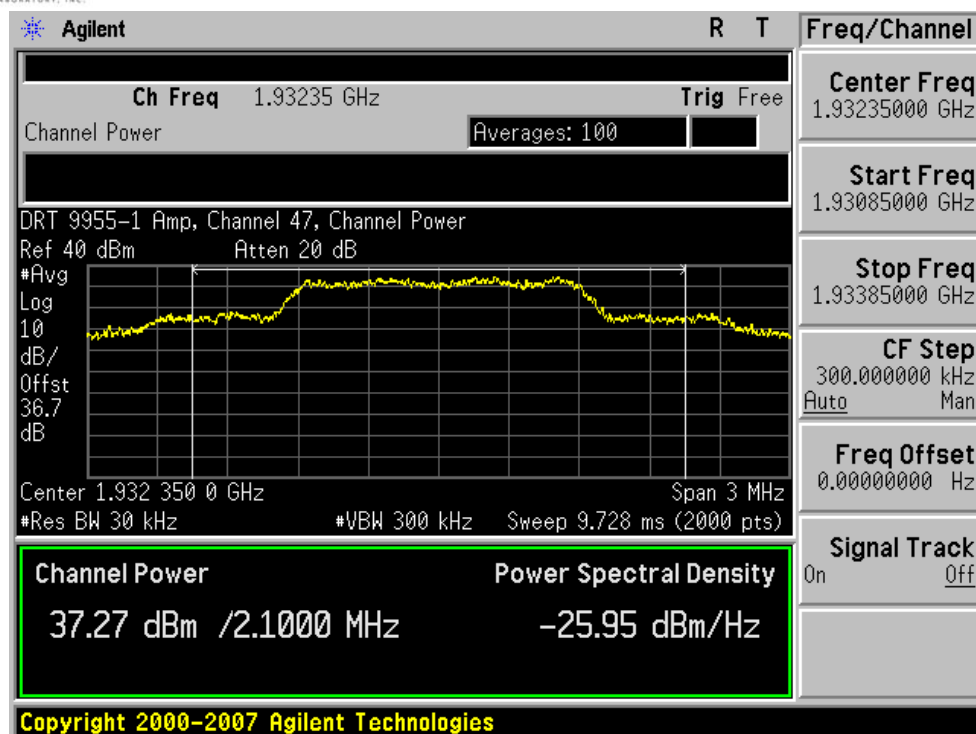


Plot 7-72. Band Edge Plot (PCS CDMA Mode – Ch. 47)

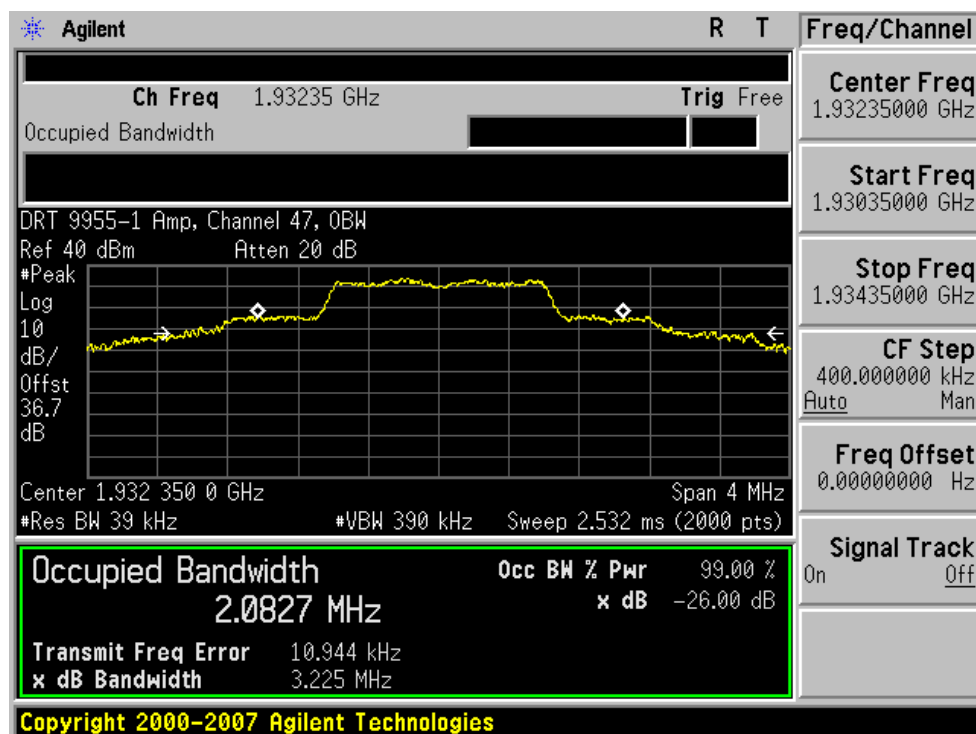


Plot 7-73. 1M from Band Edge Plot (PCS CDMA Mode – Ch. 47)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 62 of 74

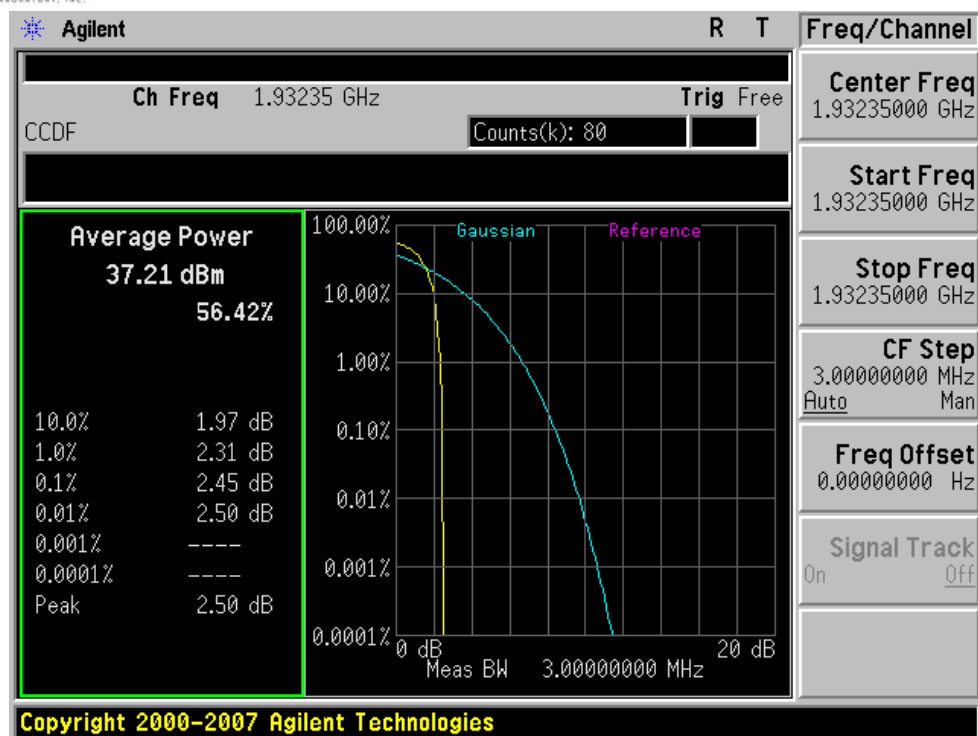


Plot 7-74. Channel Power (PCS CDMA Mode - Ch. 47)



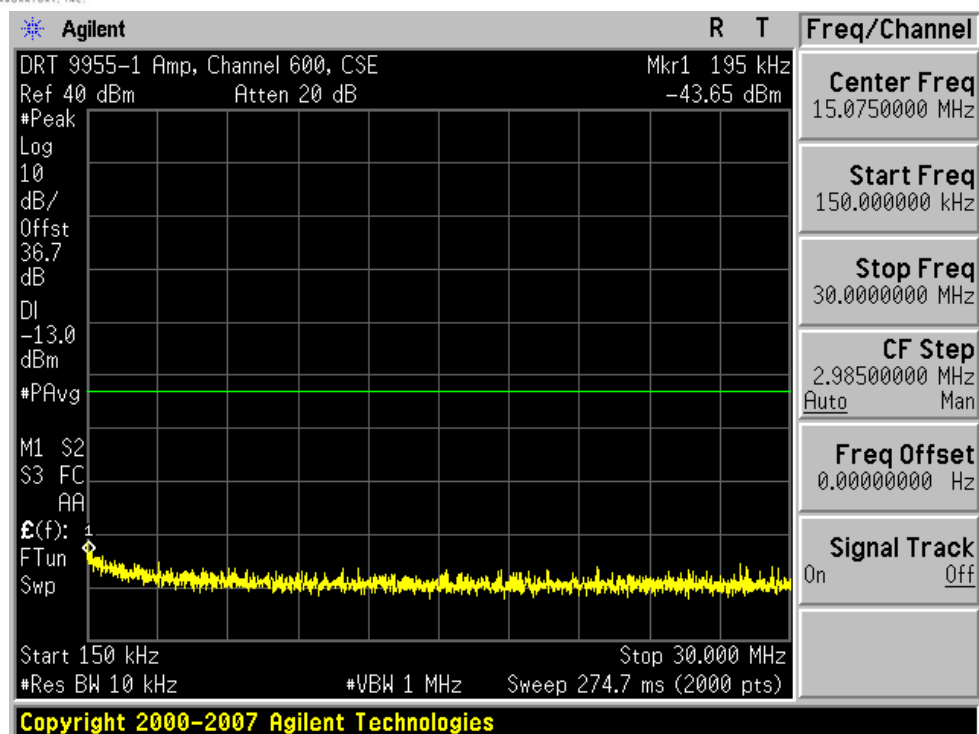
Plot 7-75. Occupied Bandwidth Plot (PCS CDMA Mode - Ch. 47)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 63 of 74

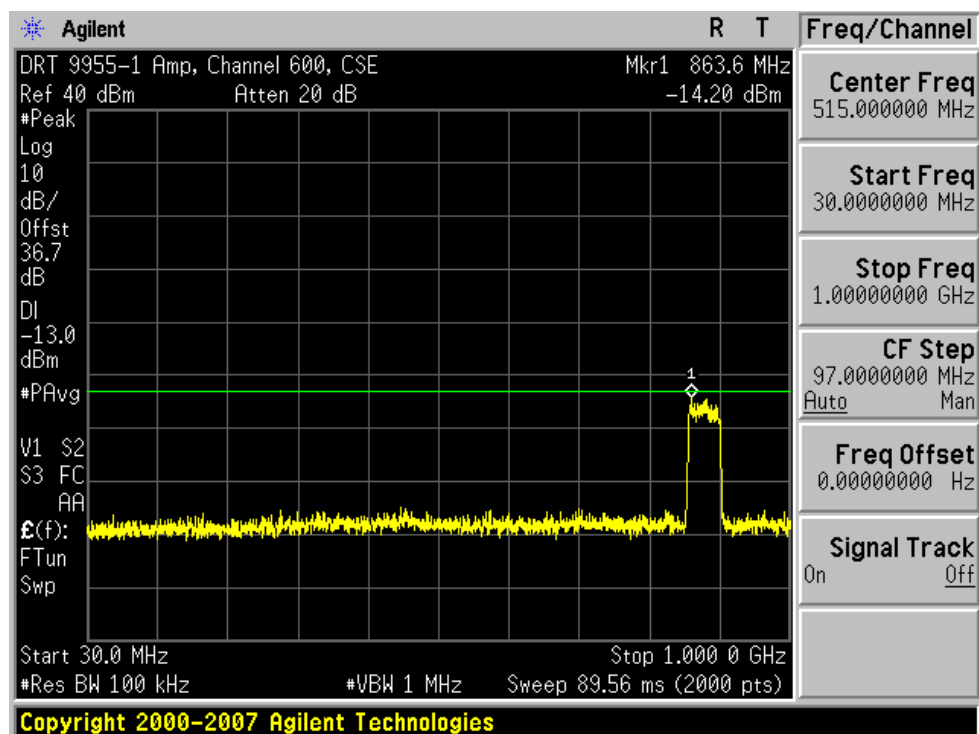


Plot 7-76. Peak-Average Ratio Plot (PCS CDMA Mode – Ch. 47)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 64 of 74

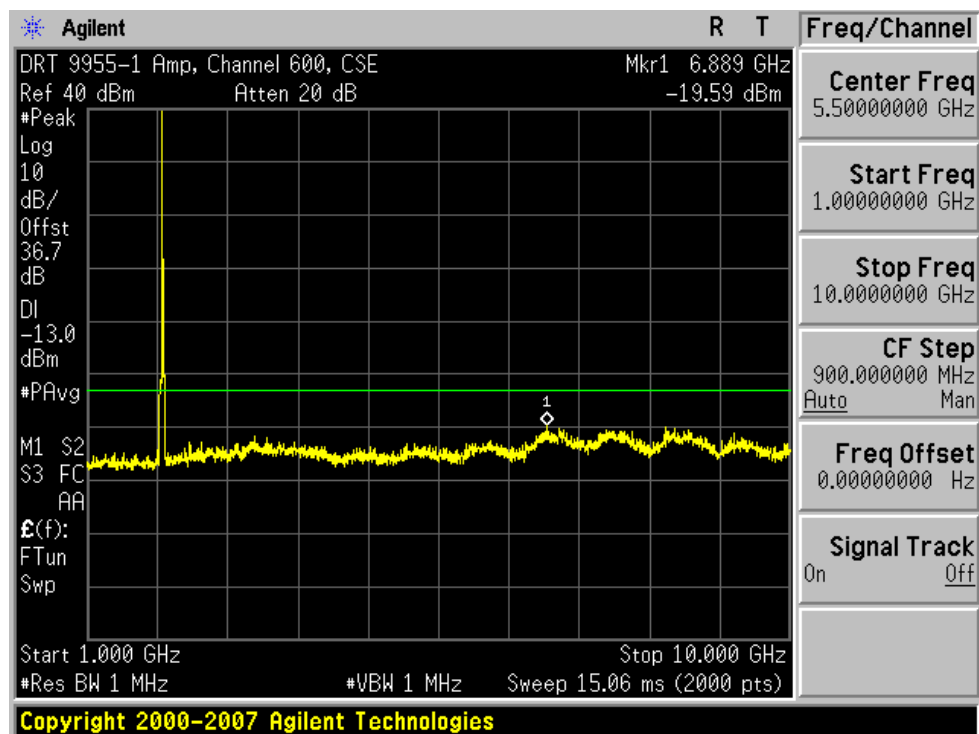


Plot 7-77. Conducted Spurious Plot (PCS CDMA Mode – Ch. 600)

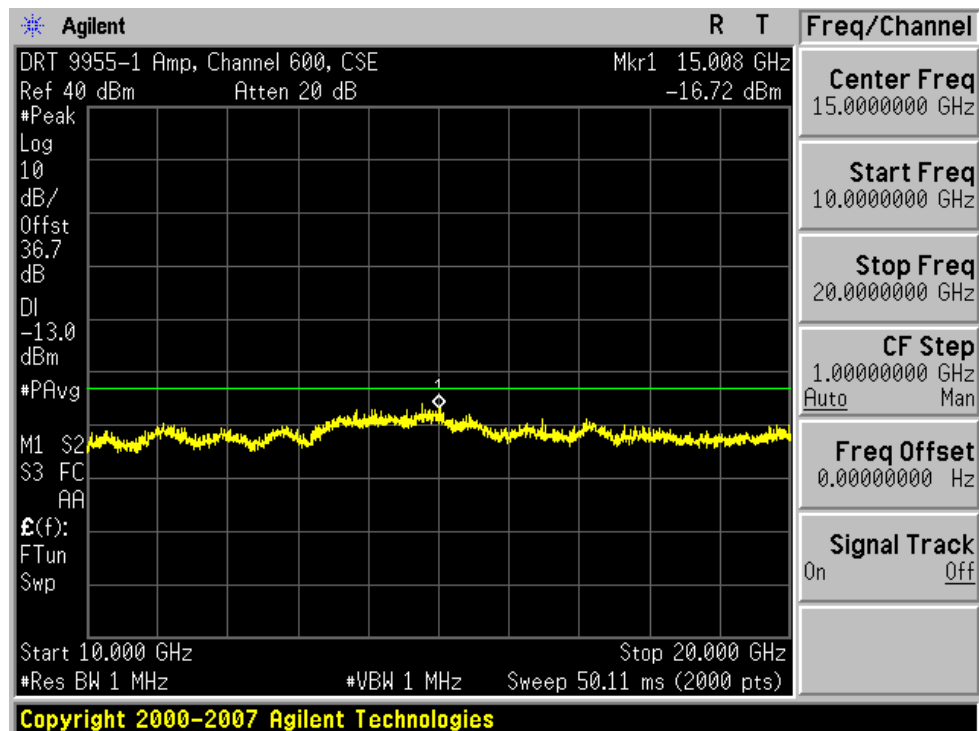


Plot 7-78. Conducted Spurious Plot (PCS CDMA Mode – Ch. 600)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 65 of 74

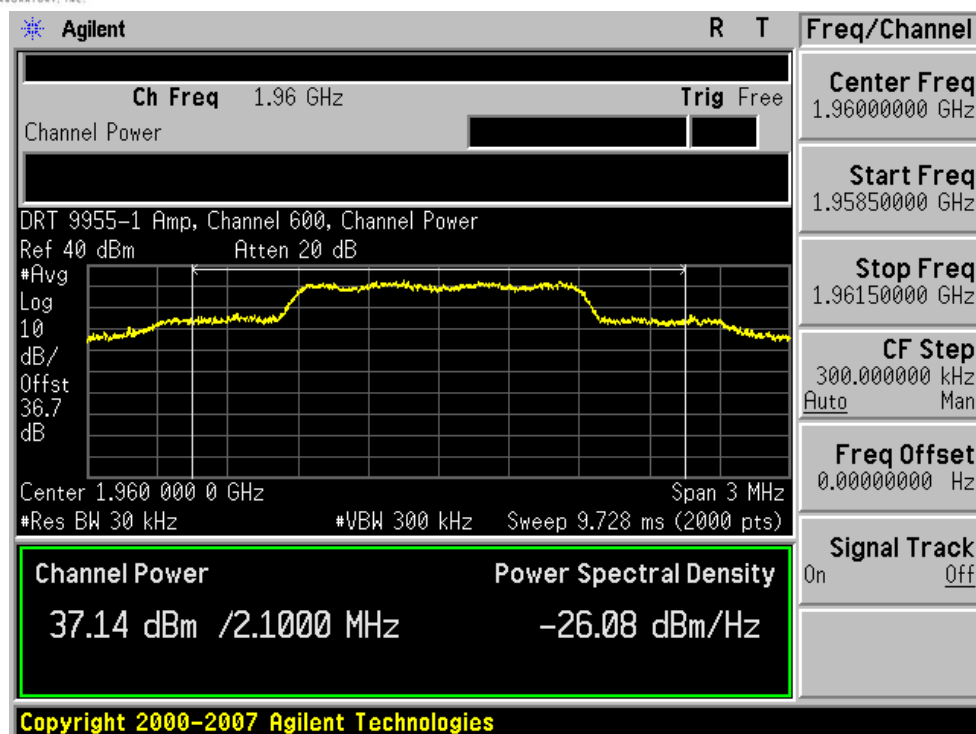


Plot 7-79. Conducted Spurious Plot (PCS CDMA Mode – Ch. 600)

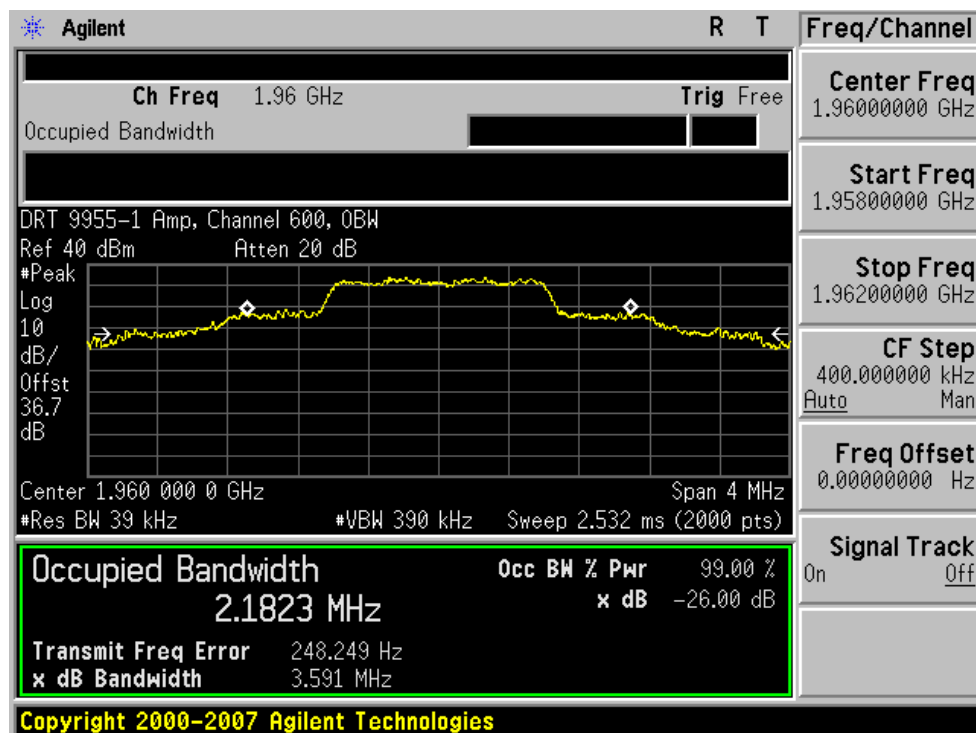


Plot 7-80. Conducted Spurious Plot (PCS CDMA Mode – Ch. 600)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 66 of 74

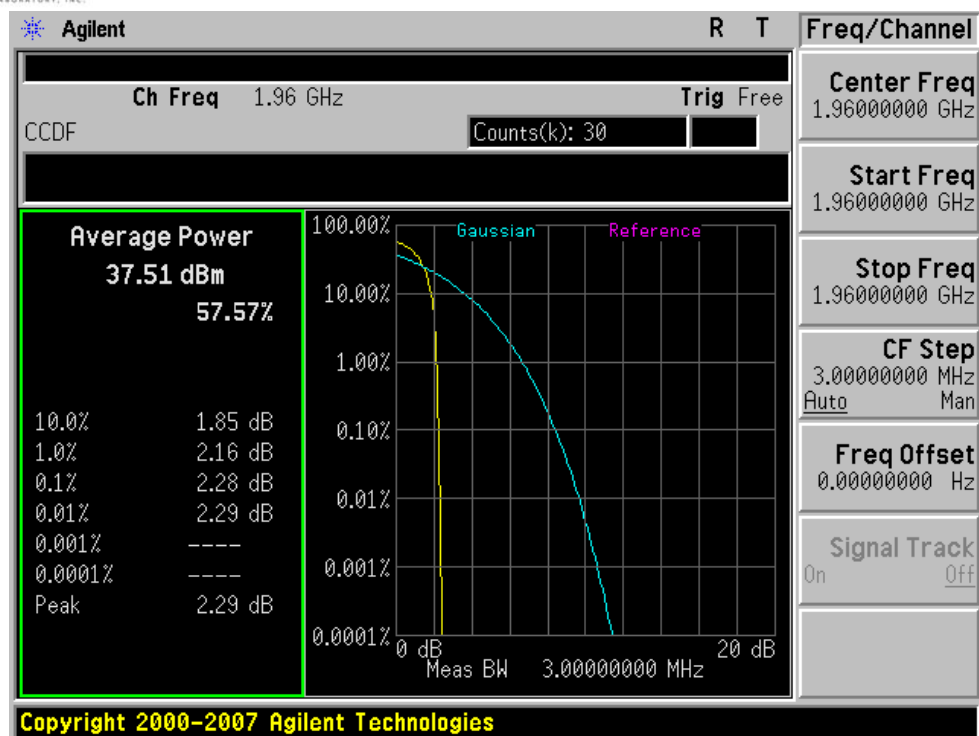


Plot 7-81. Channel Power (PCS CDMA Mode – Ch. 600)



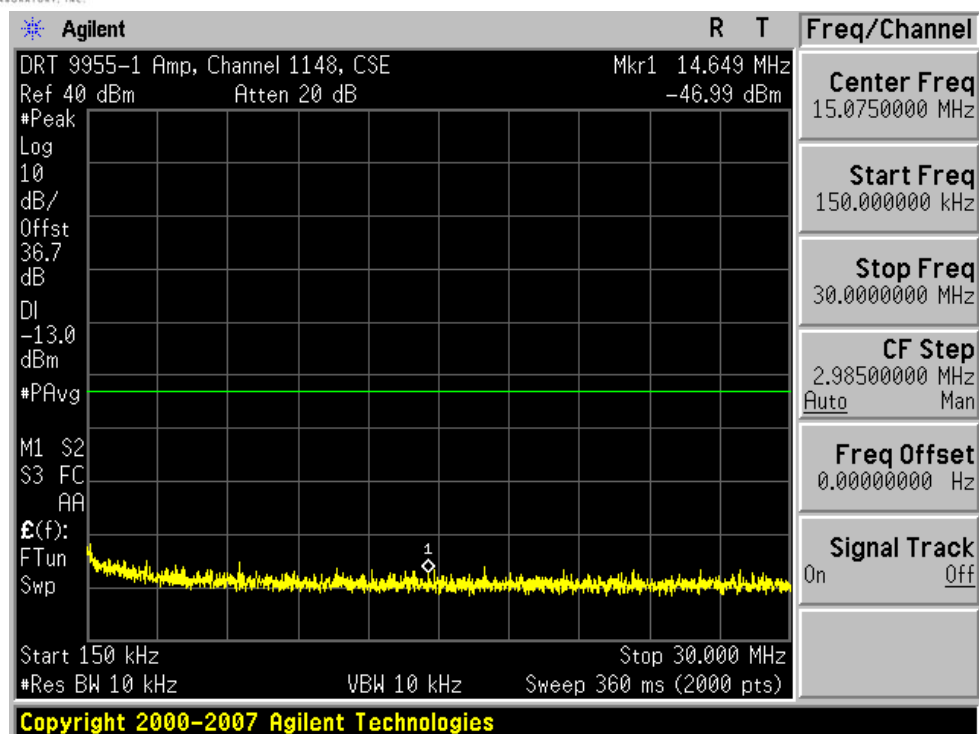
Plot 7-82. Occupied Bandwidth Plot (PCS CDMA Mode – Ch. 600)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 67 of 74

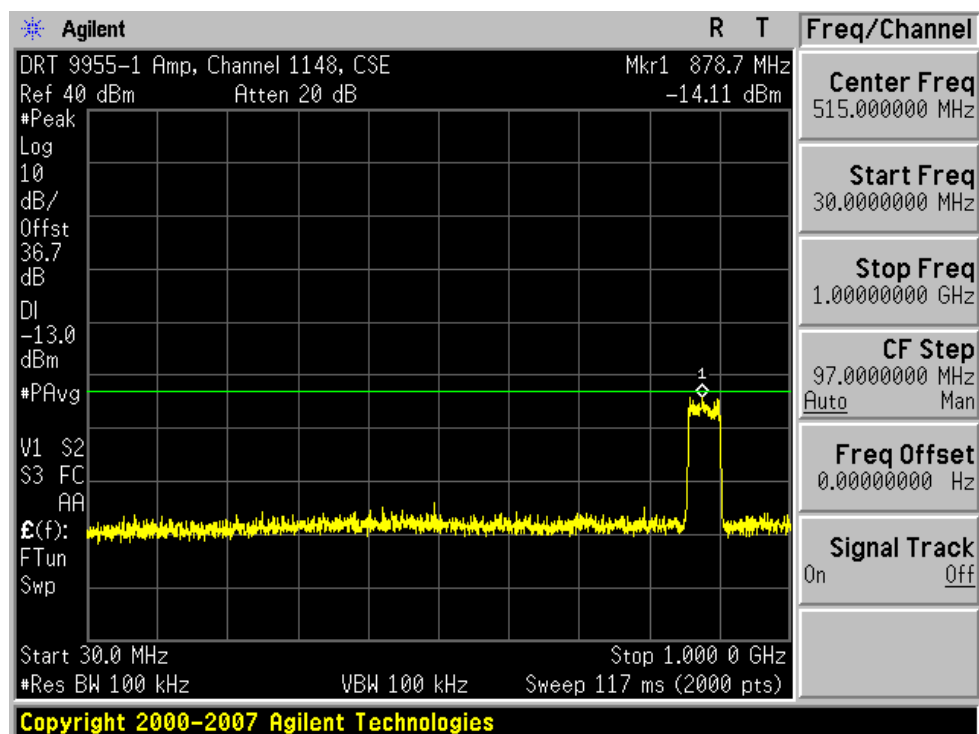


Plot 7-83. Peak-Average Ratio Plot (PCS CDMA Mode – Ch. 600)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 68 of 74

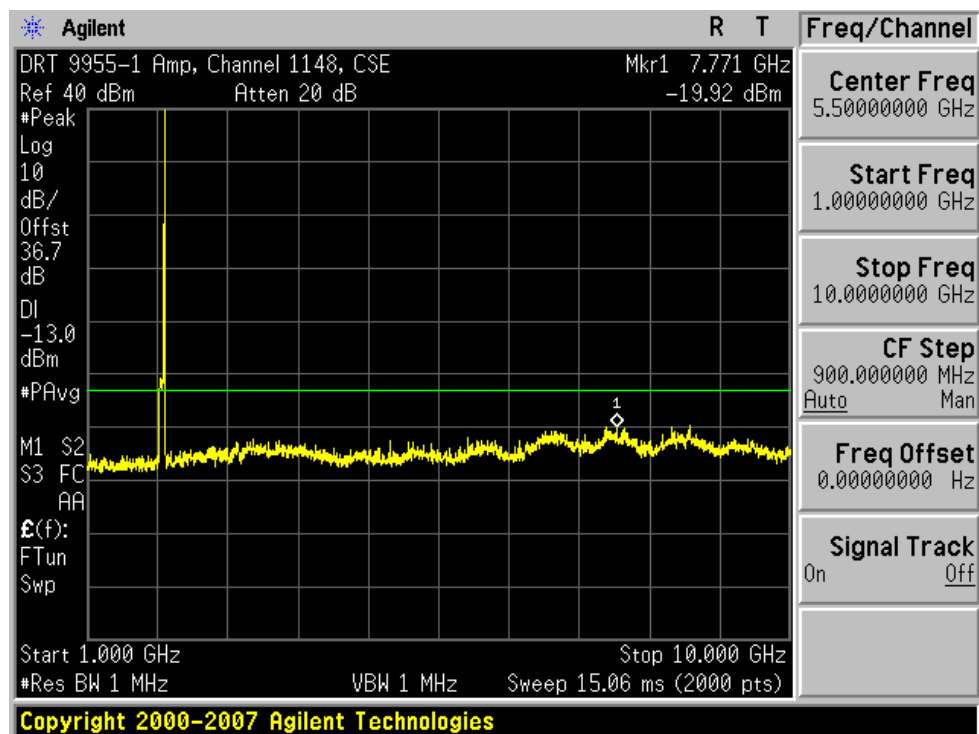


Plot 7-84. Conducted Spurious Plot (PCS CDMA Mode – Ch. 1148)

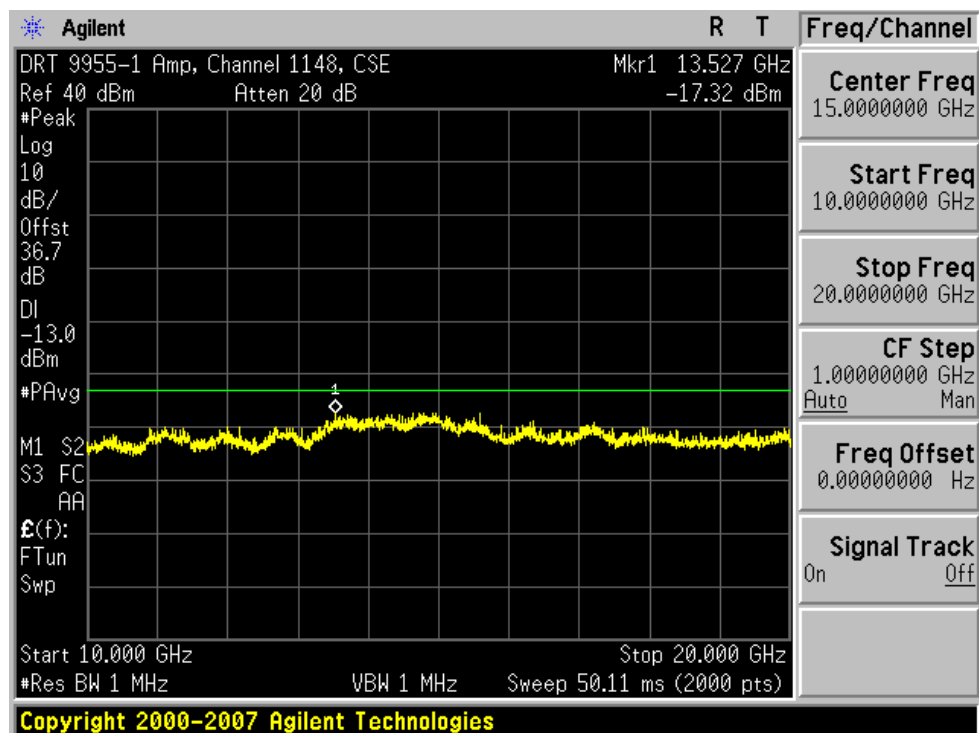


Plot 7-85. Conducted Spurious Plot (PCS CDMA Mode – Ch. 1148)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 69 of 74



Plot 7-86. Conducted Spurious Plot (PCS CDMA Mode – Ch. 1148)

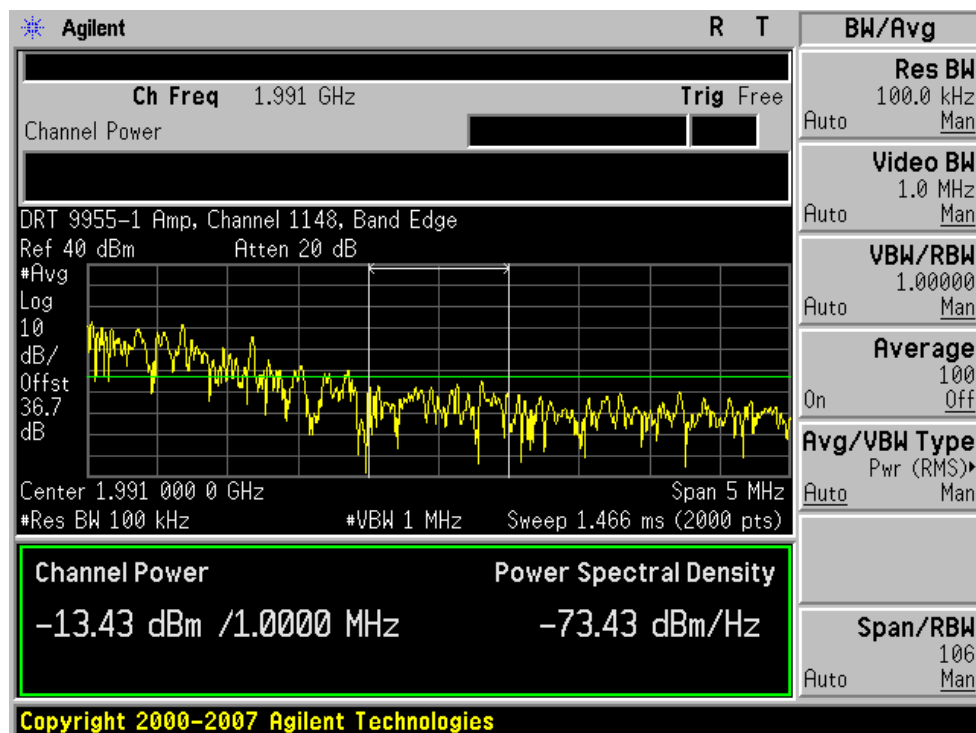


Plot 7-87. Conducted Spurious Plot (PCS CDMA Mode – Ch. 1148)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 70 of 74

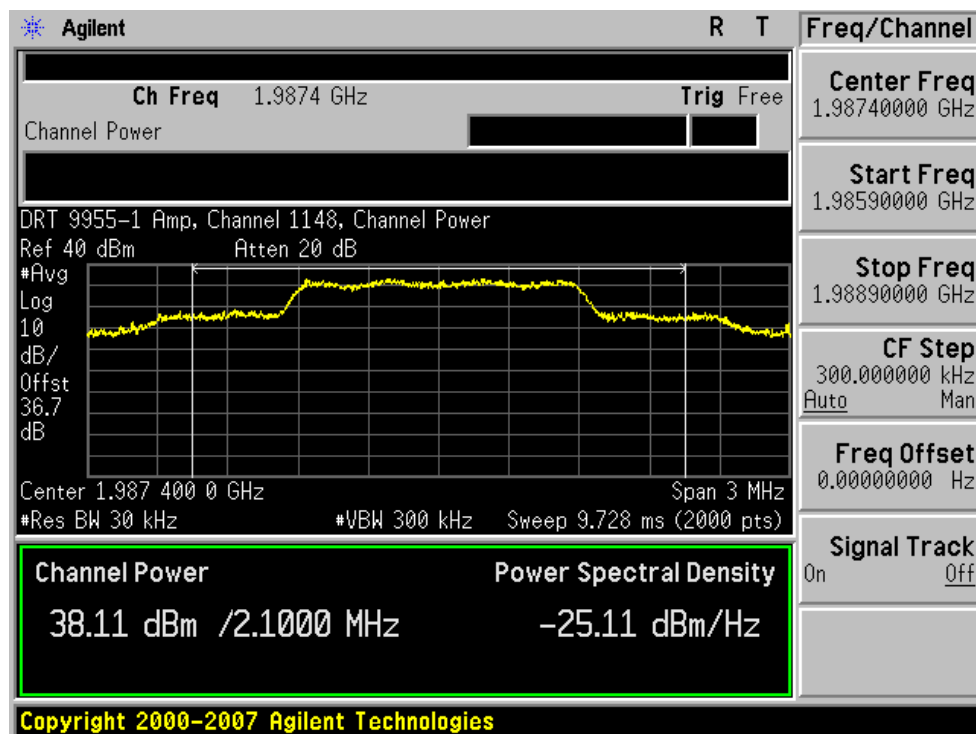


Plot 7-88. Band Edge Plot (PCS CDMA Mode – Ch. 1148)

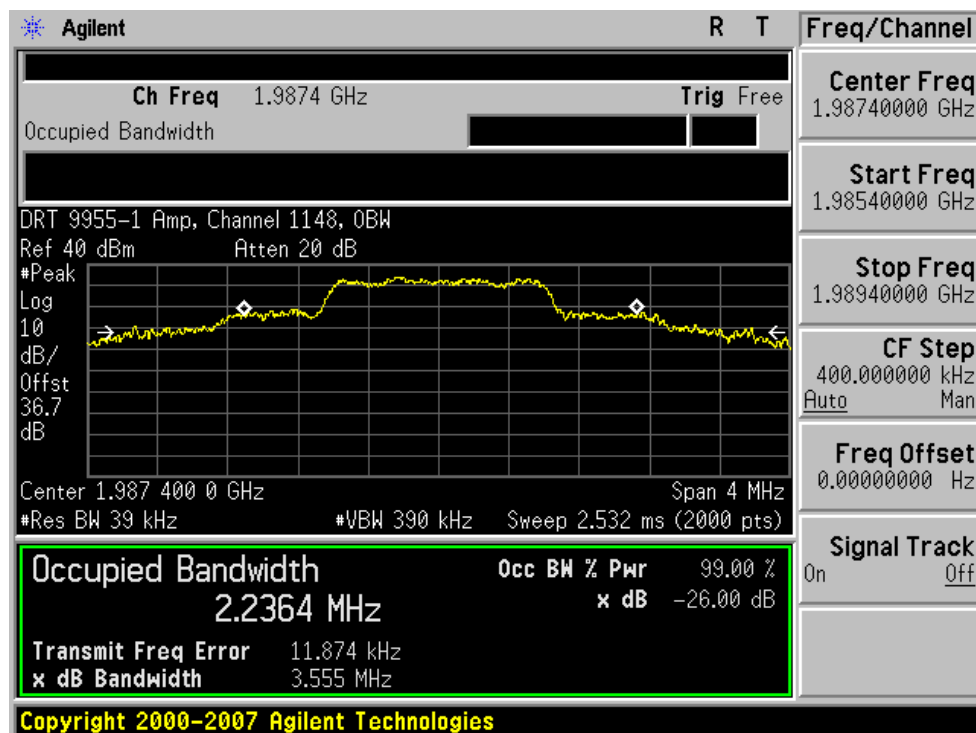


Plot 7-89. 1M from Band Edge Plot (PCS CDMA Mode – Ch. 1148)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 71 of 74

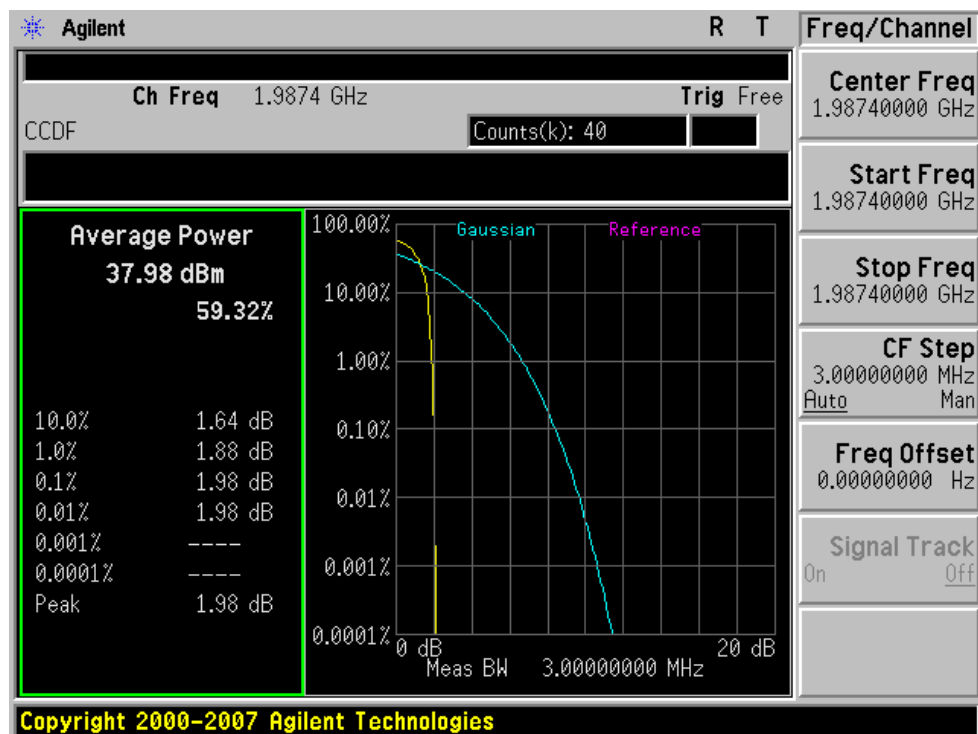


Plot 7-90. Channel Power (PCS CDMA Mode – Ch. 1148)



Plot 7-91. Occupied Bandwidth Plot (PCS CDMA Mode – Ch. 1148)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 72 of 74



Plot 7-92. Peak-Average Ratio Plot (PCS CDMA Mode – Ch. 1148)

FCC ID: TBD	PCTEST ENGINEERING LABORATORY, INC.	FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)	DRT Digital Receiver Technology, Inc.	Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 73 of 74

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **DRT Amplifier Model: DRT9955B**
FCC ID: TBD complies with all the requirements of Parts 2, 22, and 24 of the FCC rules.

FCC ID: TBD		FCC Pt. 22/24 GSM/CDMA MEASUREMENT REPORT (CERTIFICATION)		Reviewed by: Quality Manager
Test Report S/N: 0903030374-R1.DRT	Test Dates: February 24 - March 12, May 12, July 21, 2009	EUT Type: Amplifier		Page 74 of 74