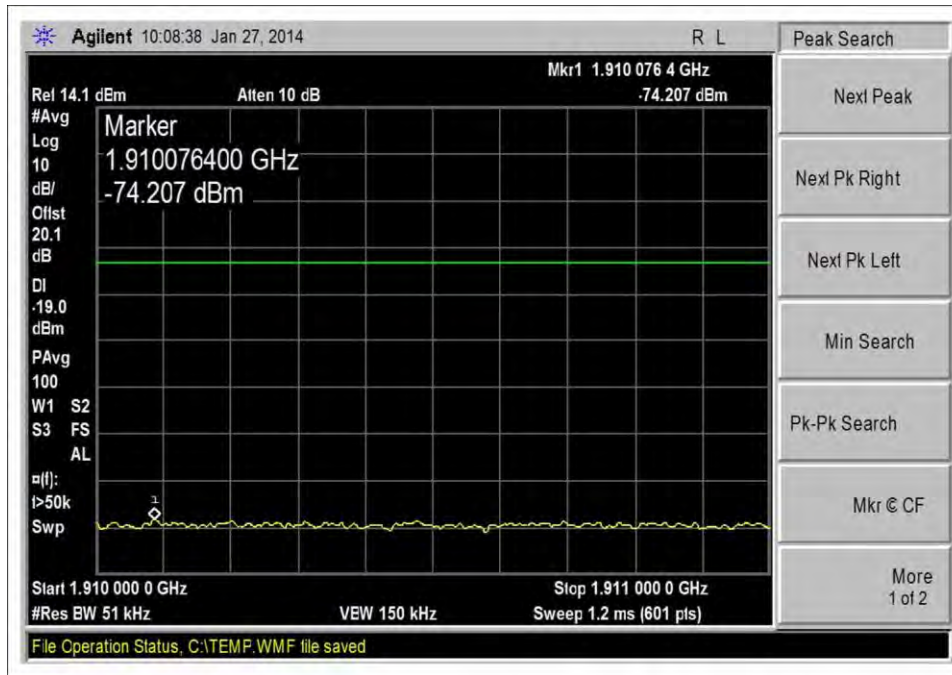
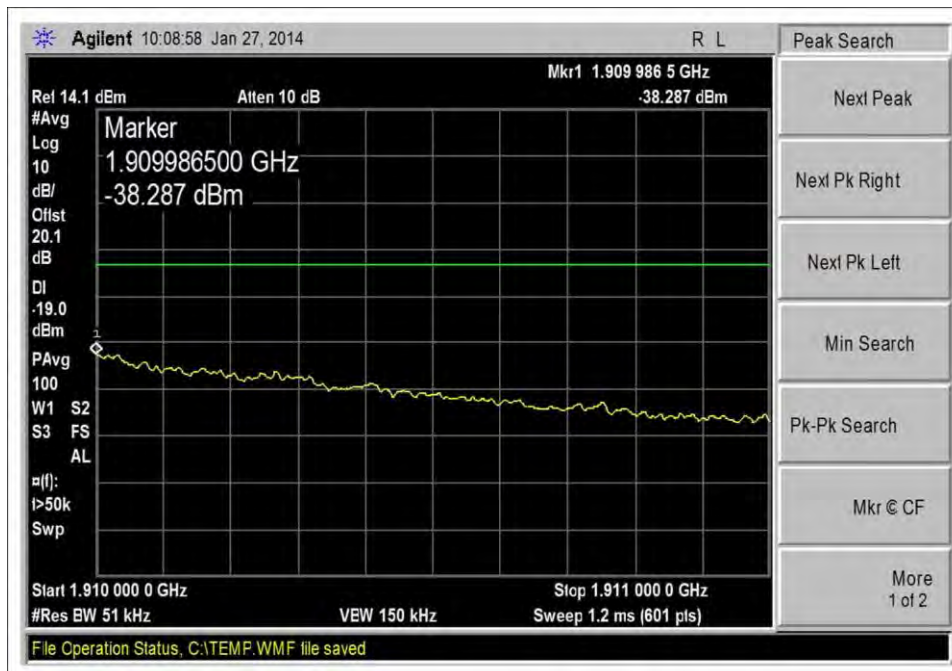
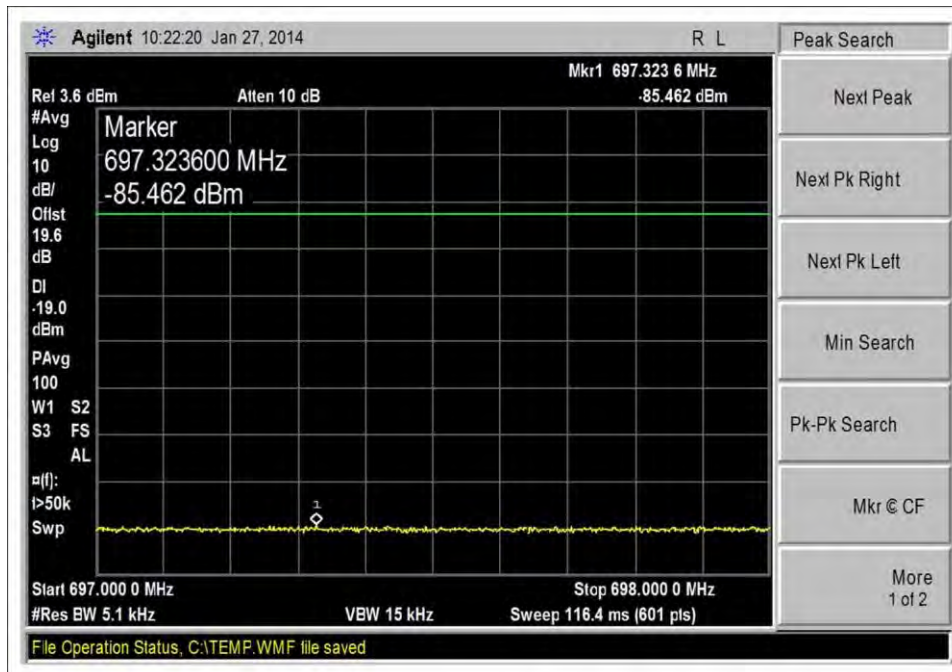




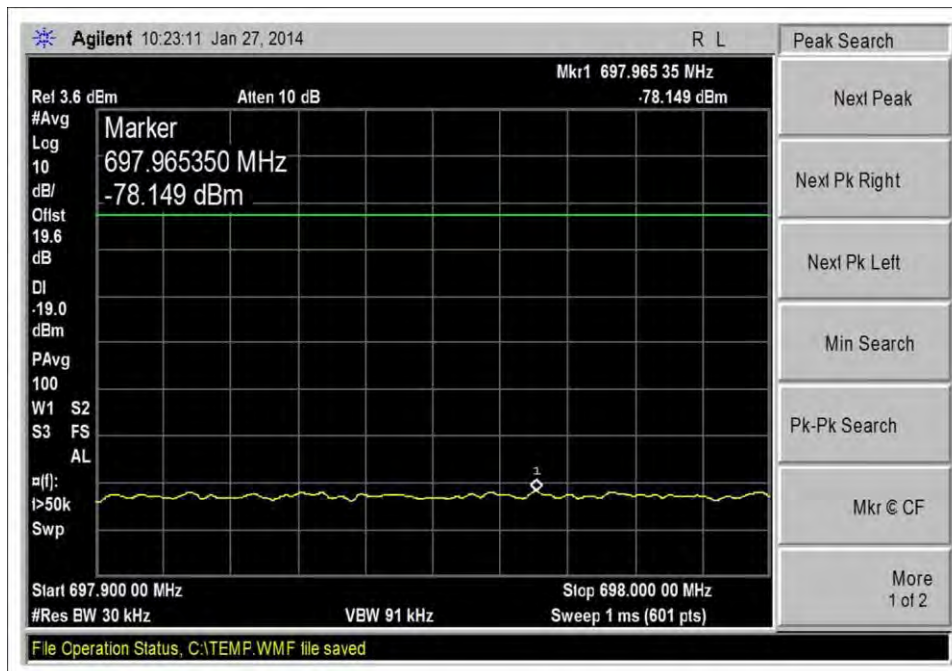
UL 1850-1910MHz_Hi CH_CDMA_10dbm



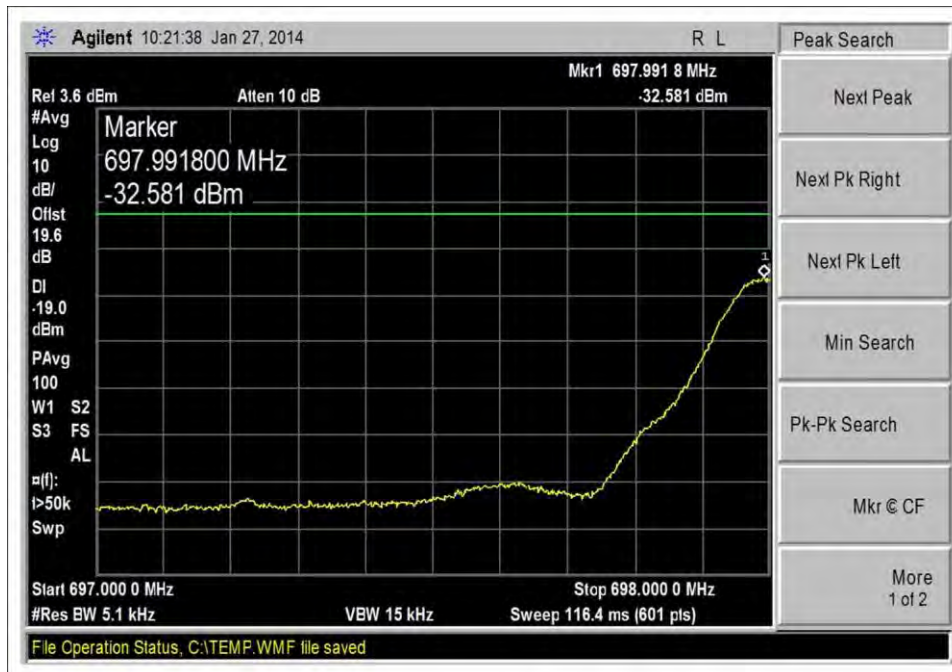
UL 1850-1910MHz_Hi CH_CDMA_pre AGC



UL_698-716_Low CH_GSM_10dbm



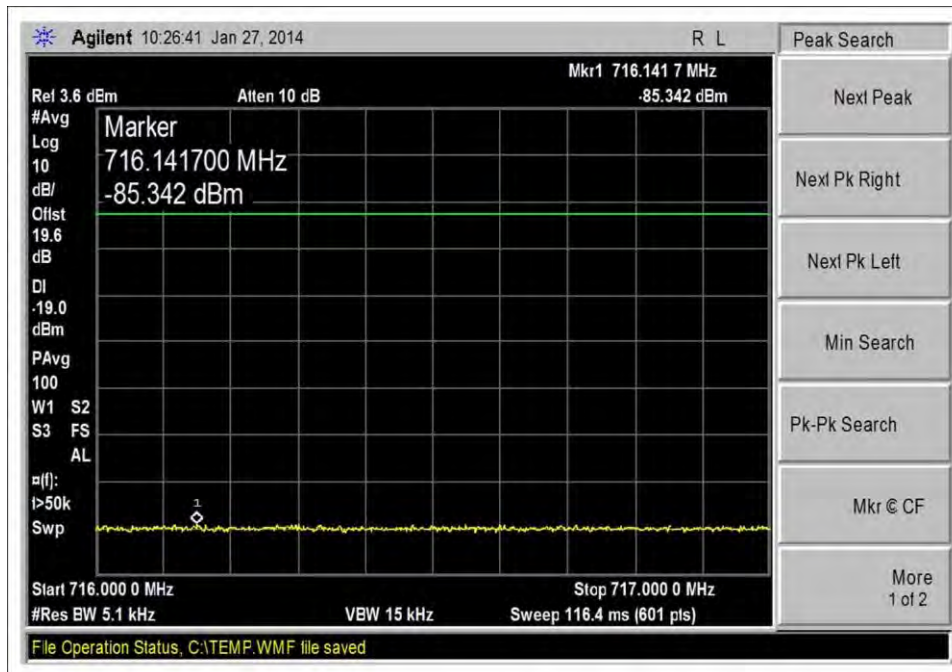
UL_698-716_Low CH_GSM_10dbm_100kHz band



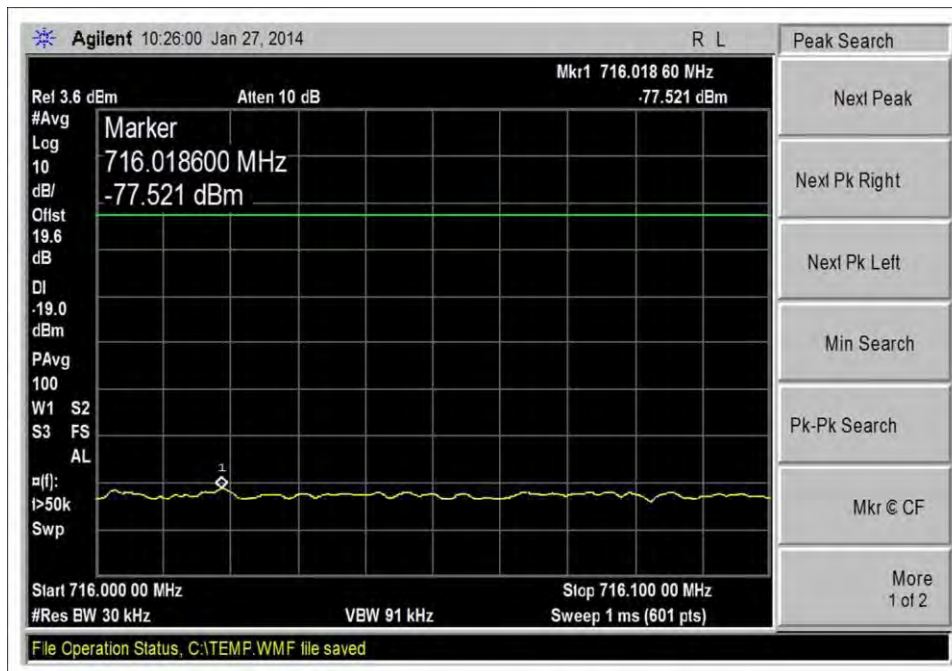
UL_698-716_Low CH_GSM_pre AGC



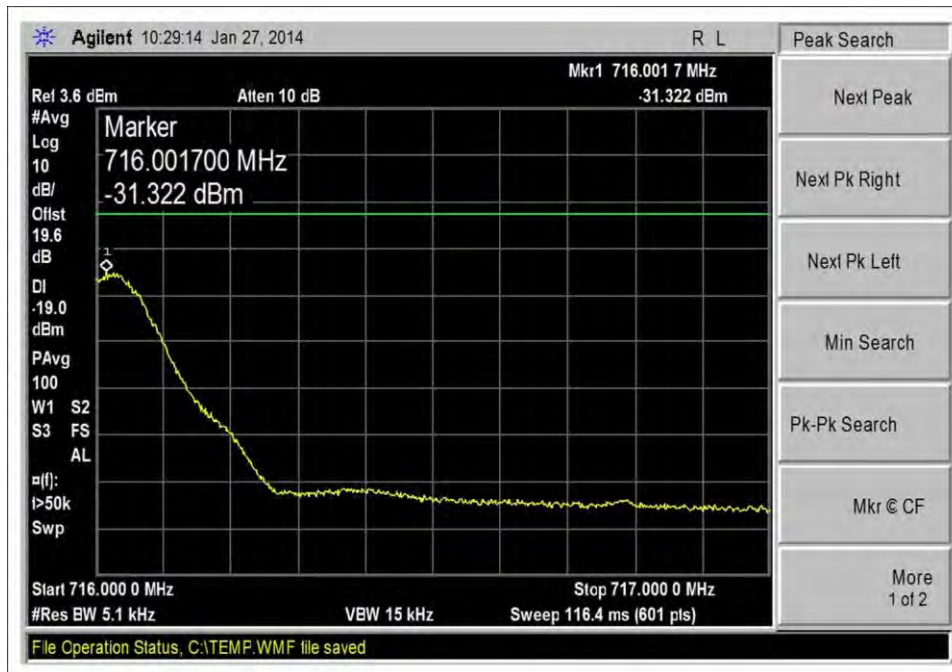
UL_698-716_Low CH_GSM_pre AGC_100kHz band



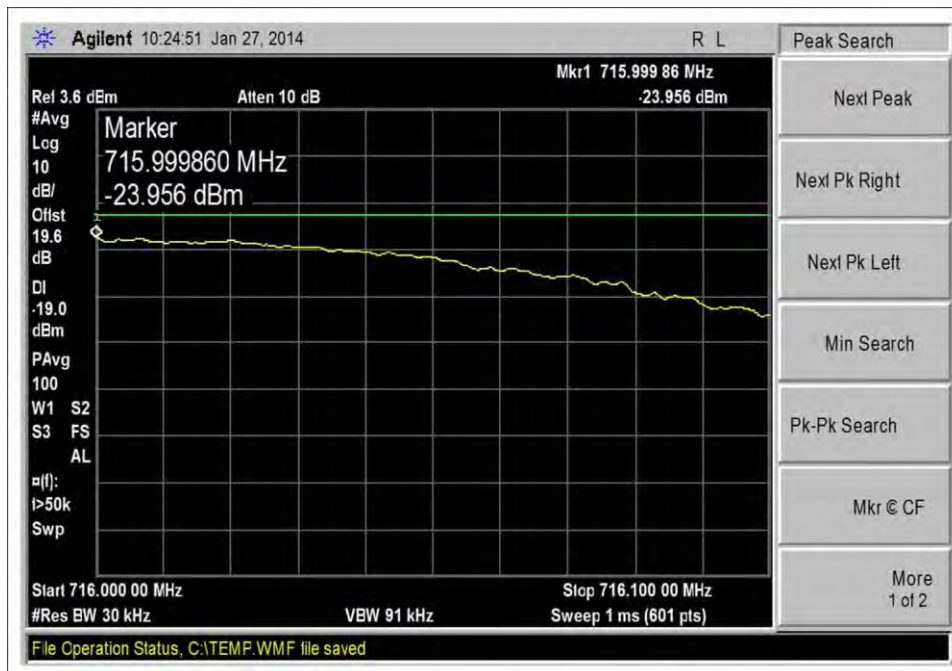
UL_698-716_Hi CH_GSM_10dbm



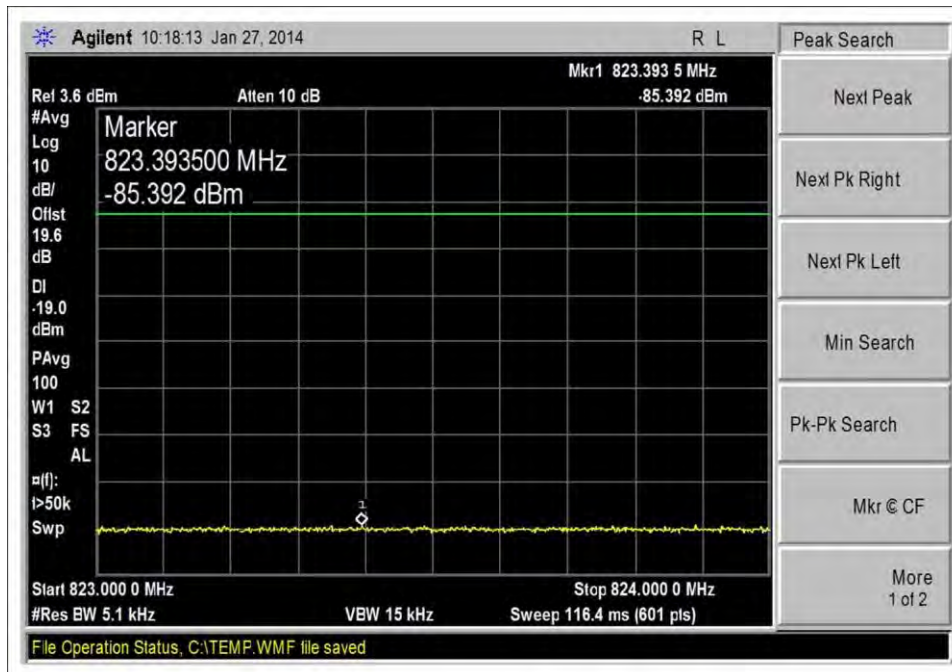
UL_698-716_Hi CH_GSM_10dbm_100kHz band



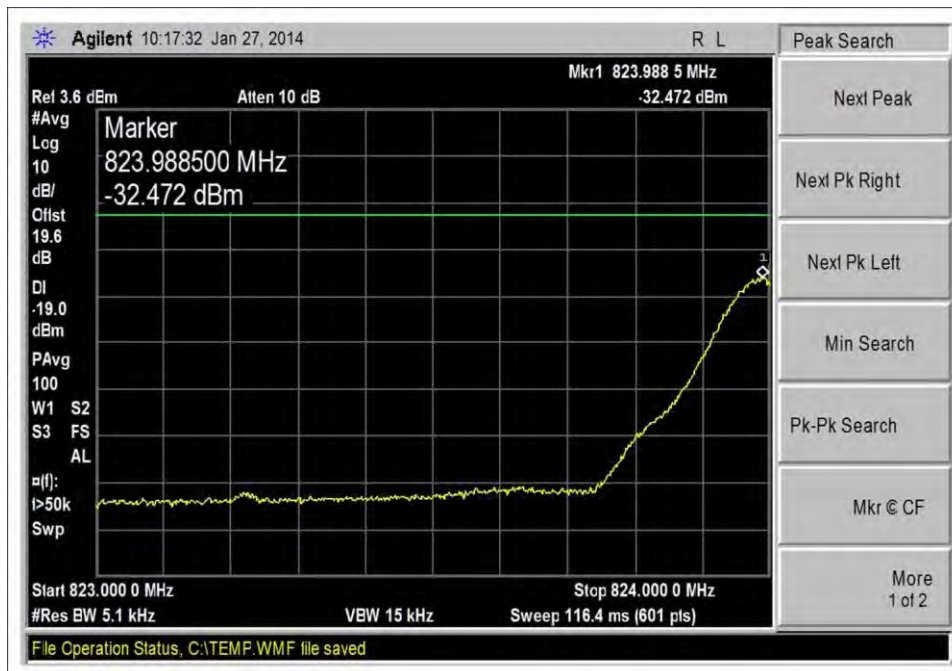
UL_698-716_Hi CH_GSM_pre AGC



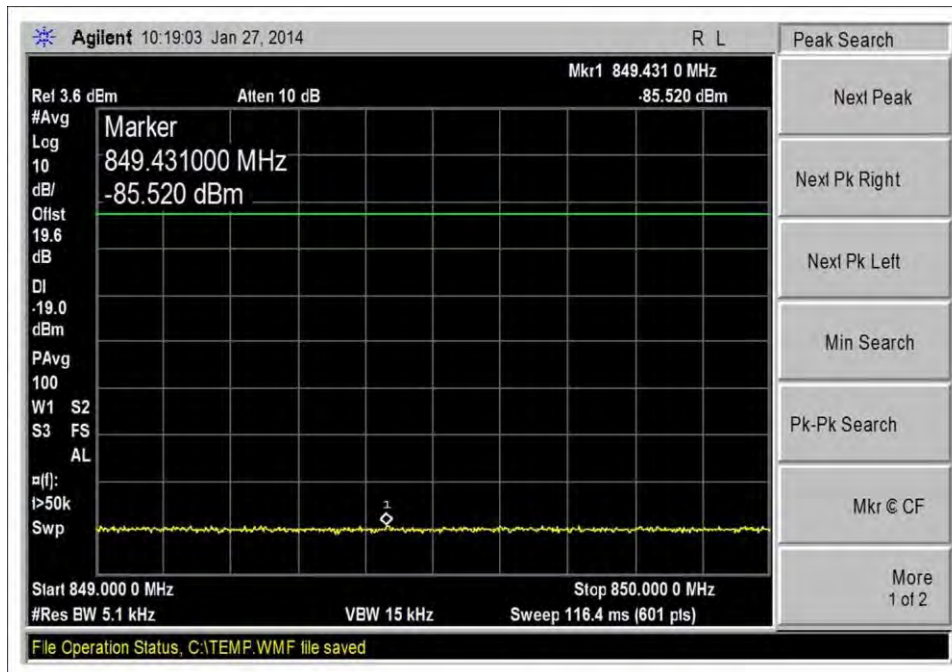
UL_698-716_Hi CH_GSM_pre AGC_100kHz band



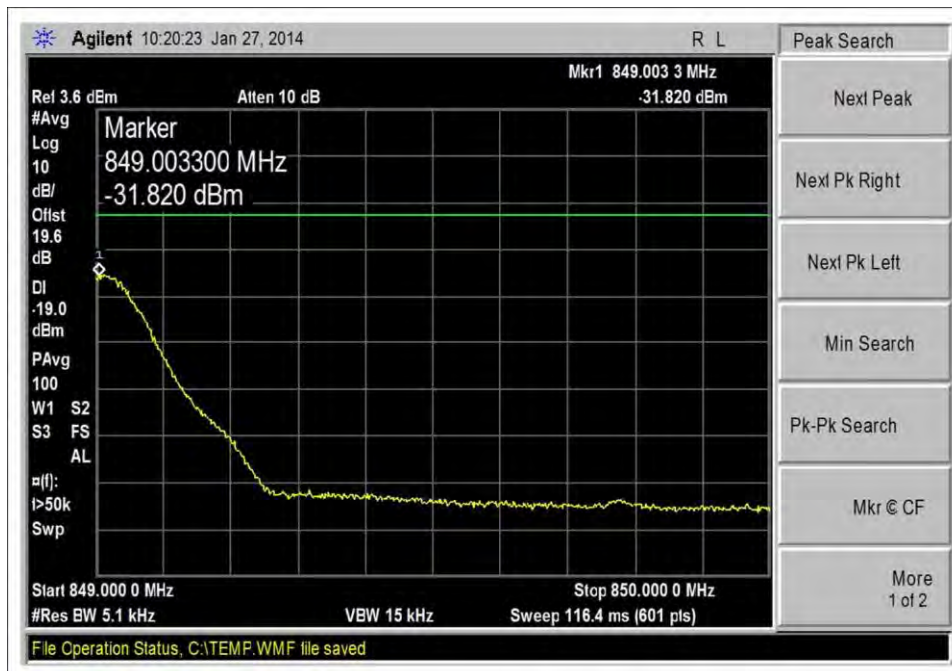
UL_824-849_Low CH_GSM_10dbm



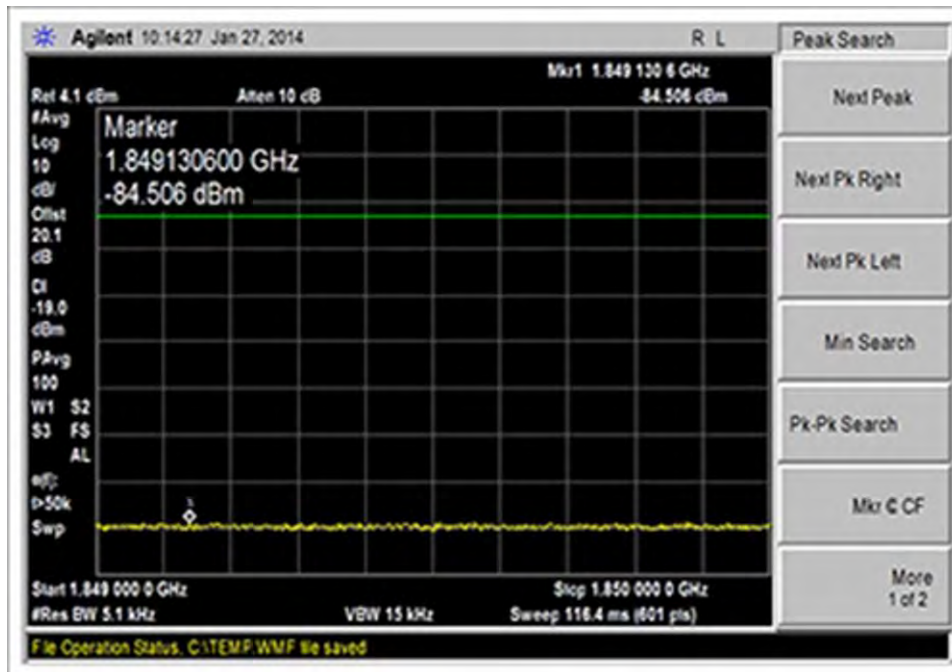
UL_824-849_Low CH_GSM_pre AGC



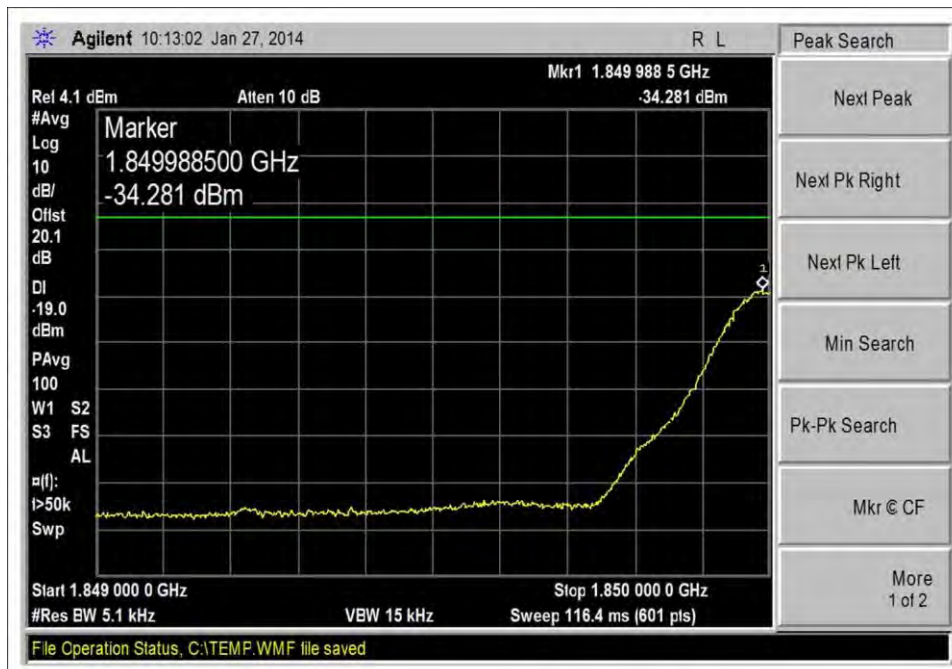
UL_824-849_Hi CH_GSM_10dbm



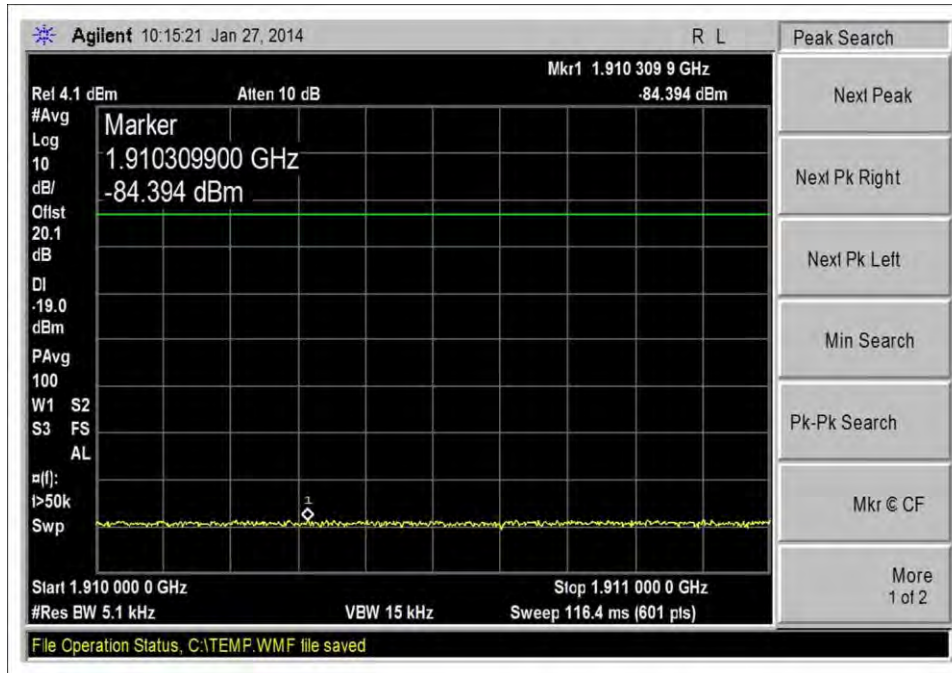
UL_824-849_Hi CH_GSM_pre AGC



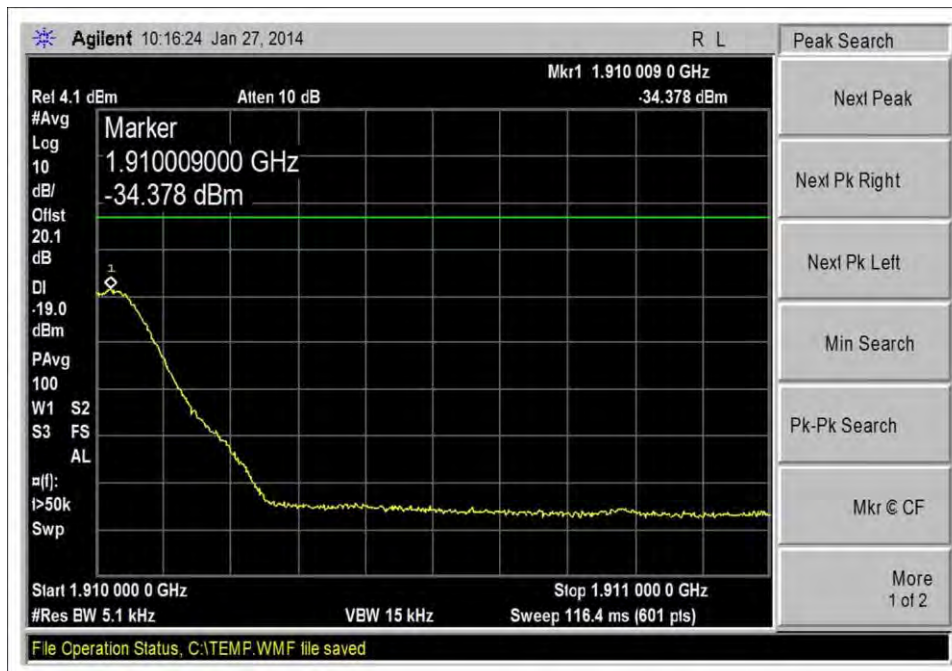
UL_1850-1910MHz_Low CH_GSM_10dbm



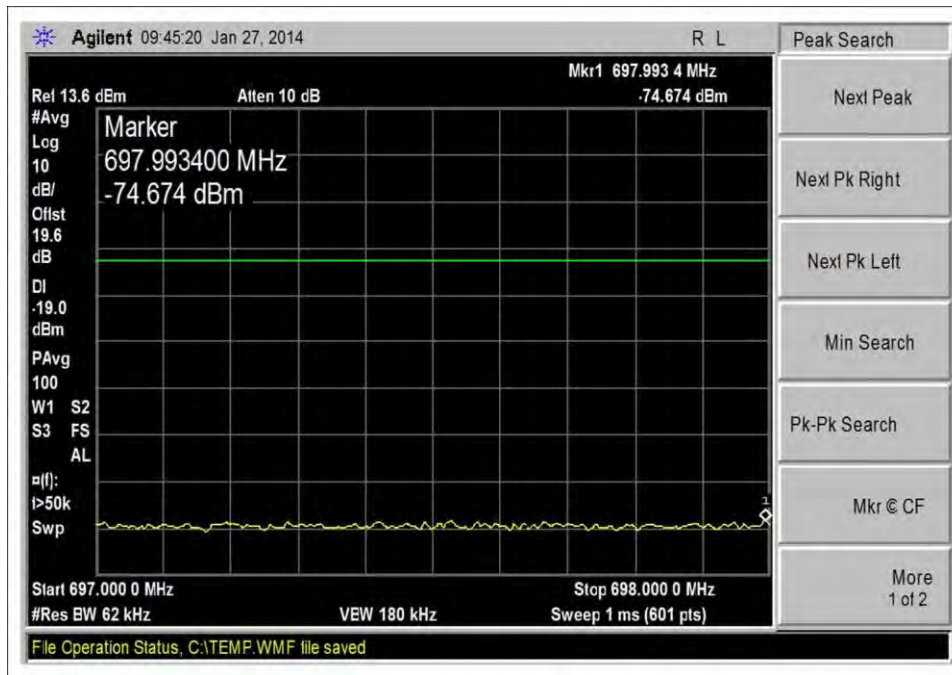
UL_1850-1910MHz_Low CH_GSM_pre AGC



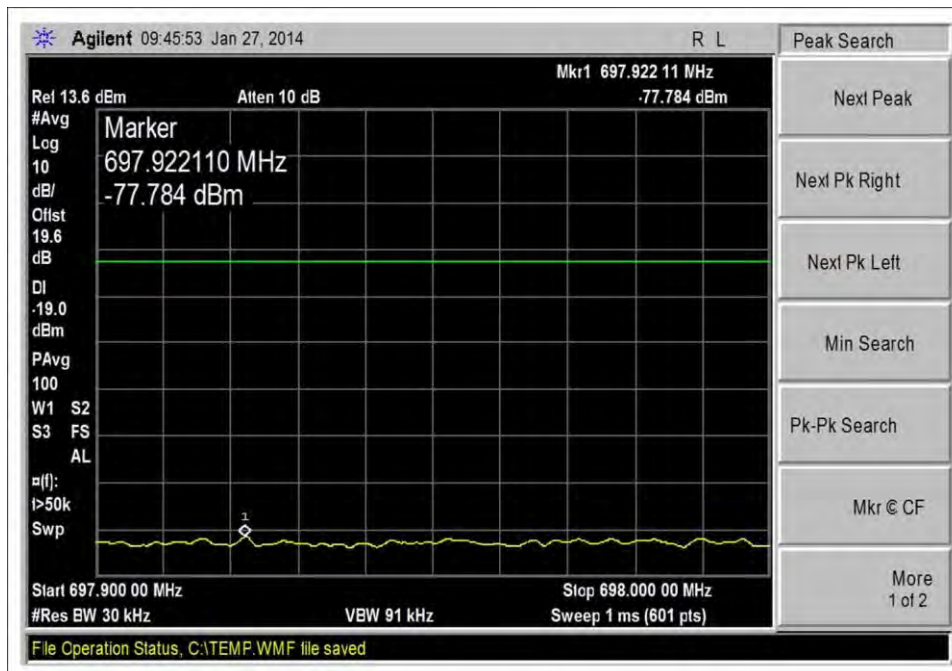
UL_1850-1910MHz_Hi CH_GSM_10dbm



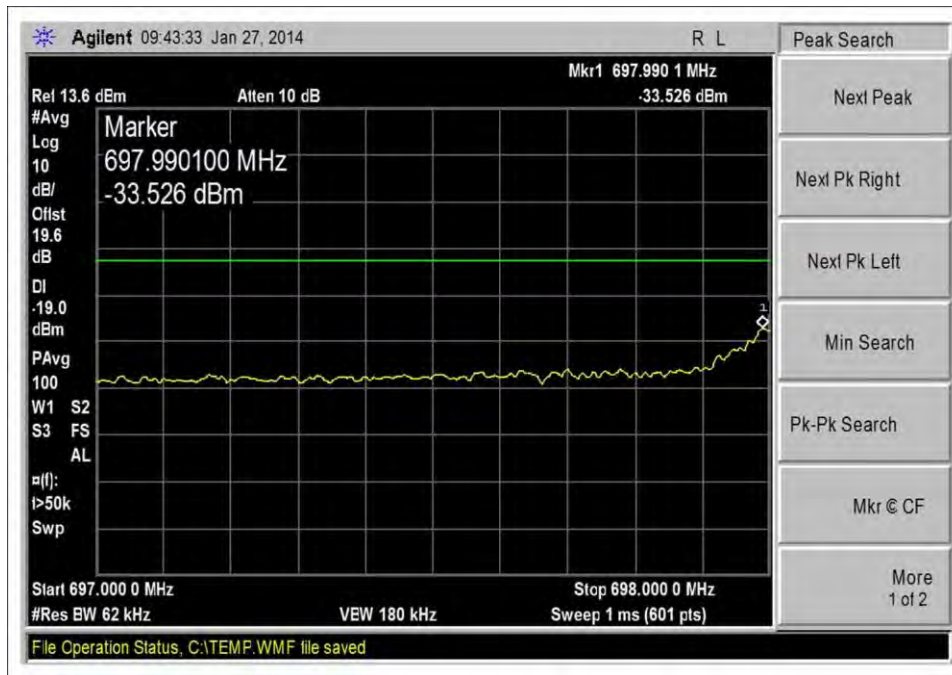
UL_1850-1910MHz_Hi CH_GSM_pre AGC



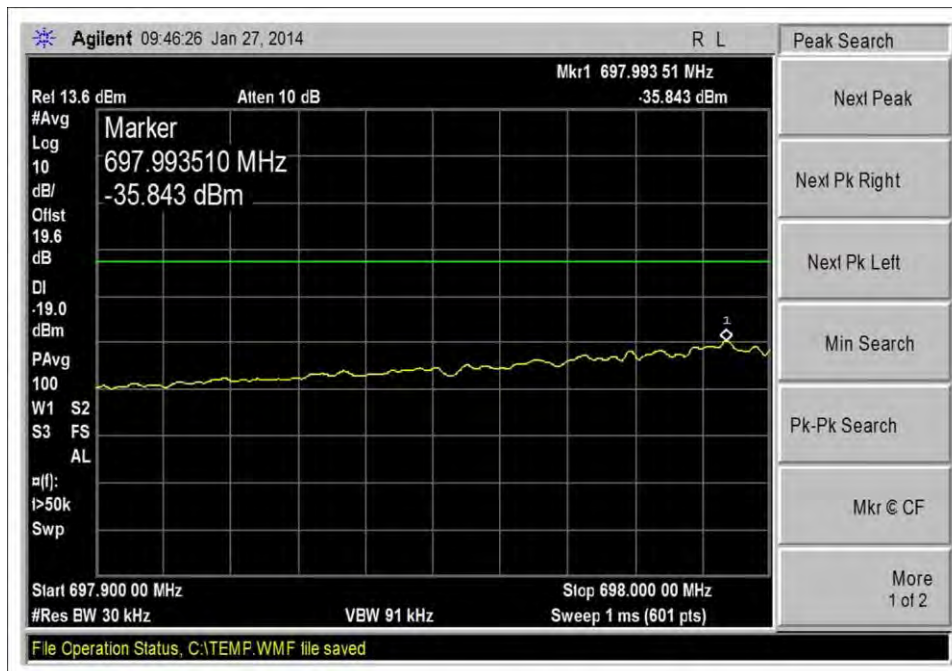
UL_698-716MHz_Low CH_LTE_10dbm



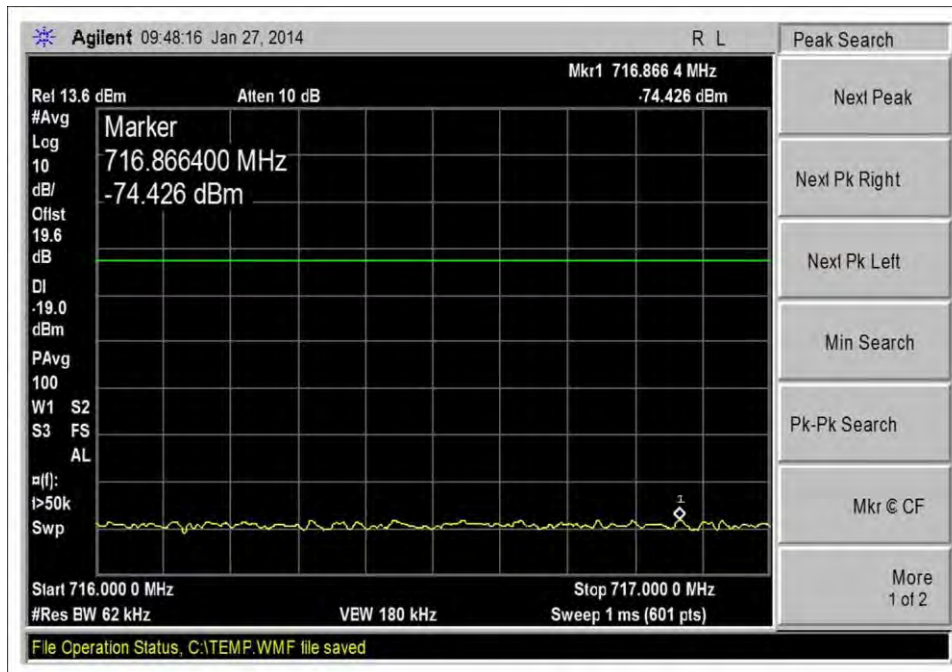
UL_698-716MHz_Low CH_LTE_10dbm_100kHz band



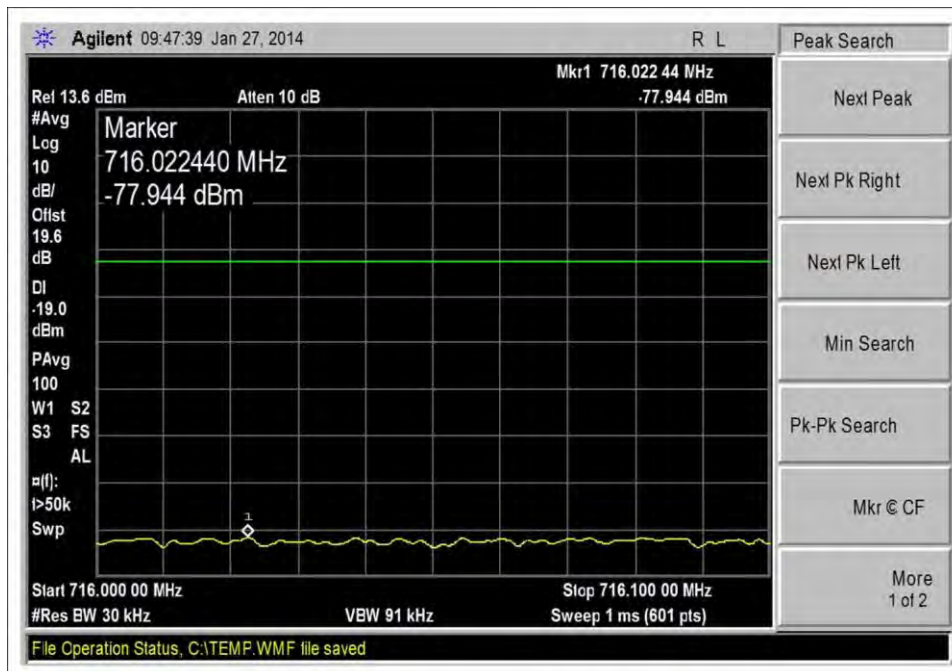
UL_698-716MHz_Low CH_LTE_pre AGC



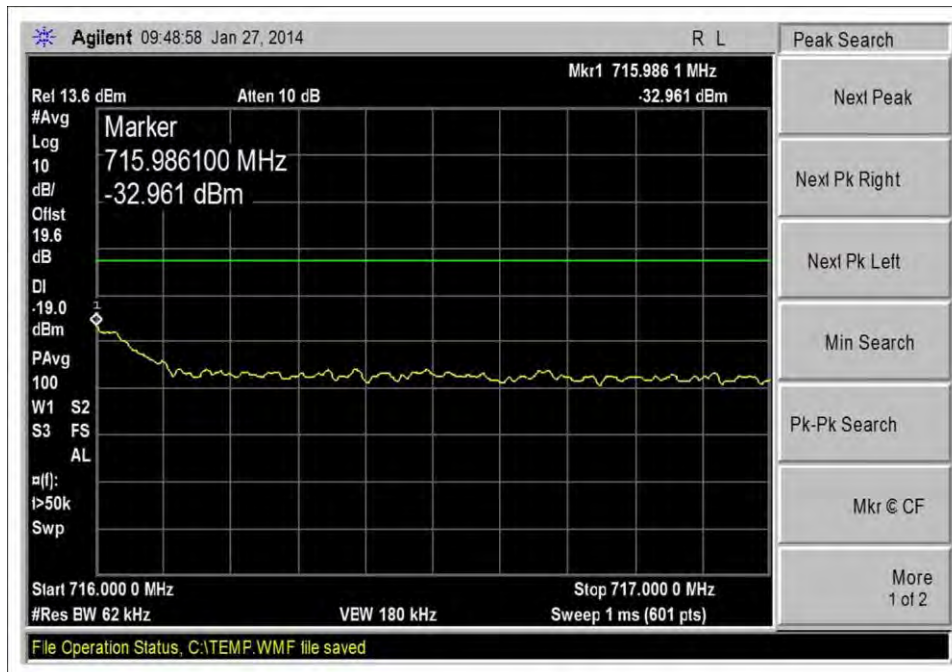
UL_698-716MHz_Low CH_LTE_pre AGC_100kHz band



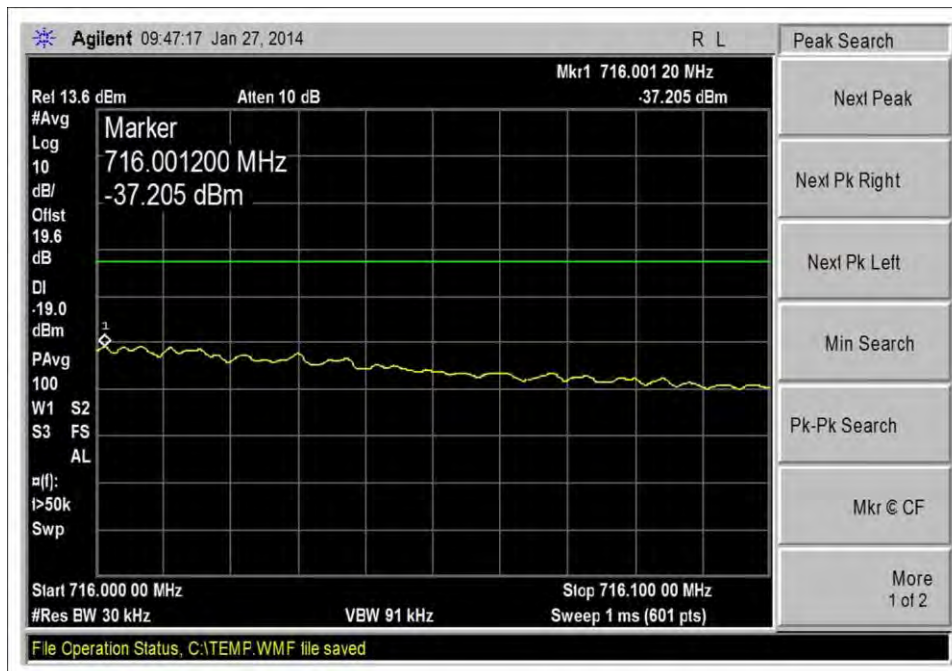
UL_698-716MHz_Hi CH_LTE_10dbm



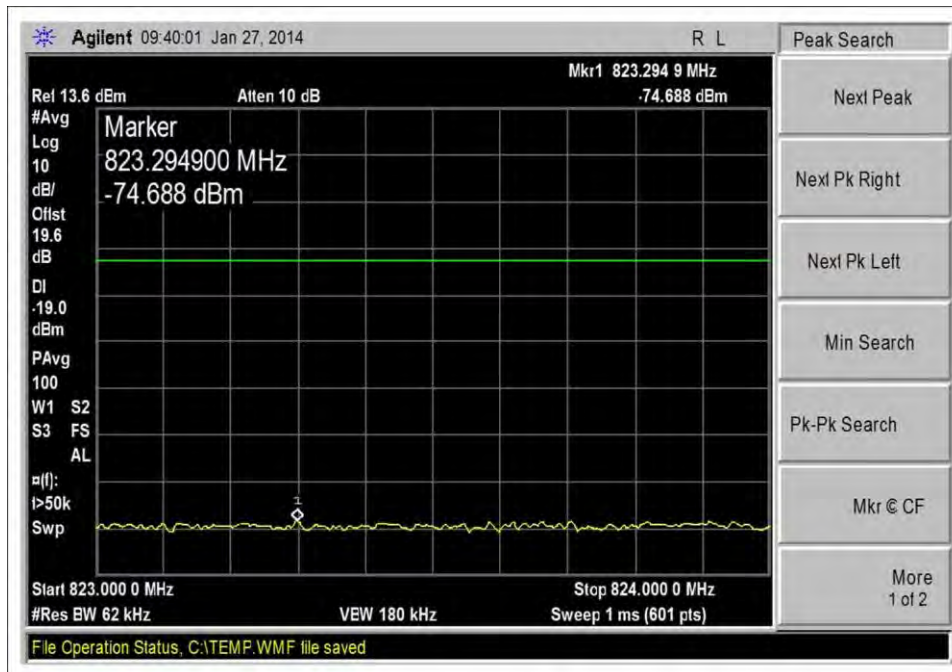
UL_698-716MHz_Hi CH_LTE_10dbm_100kHz band



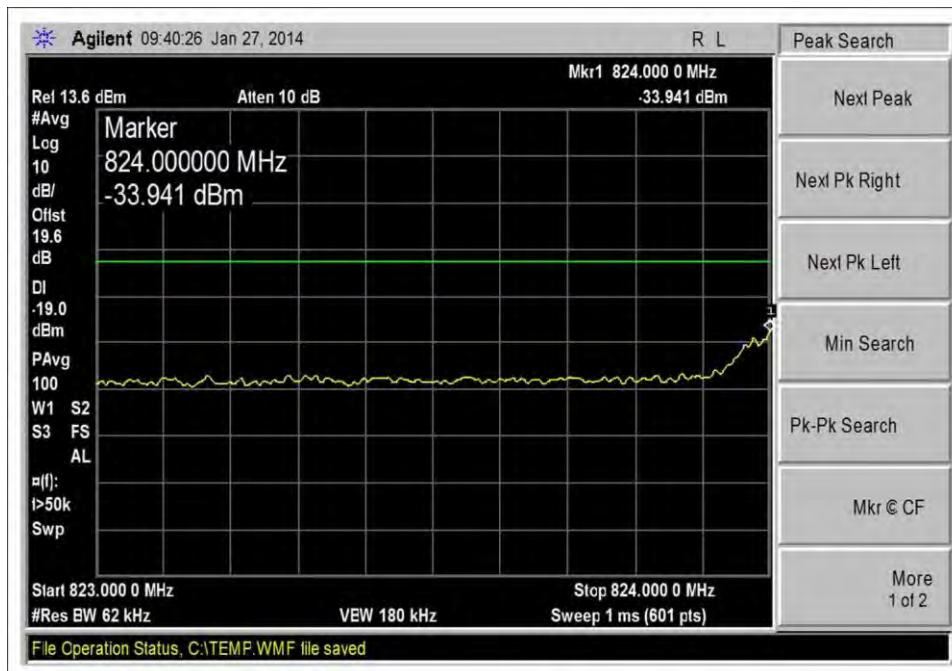
UL_698-716MHz_Hi CH_LTE_pre AGC



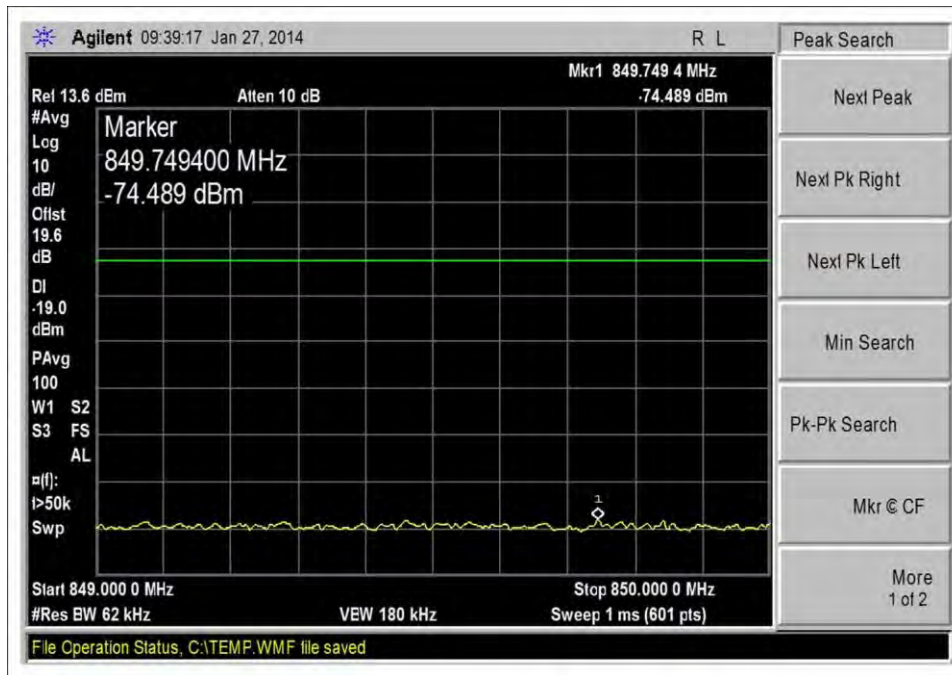
UL_698-716MHz_Hi CH_LTE_pre AGC_100kHz band



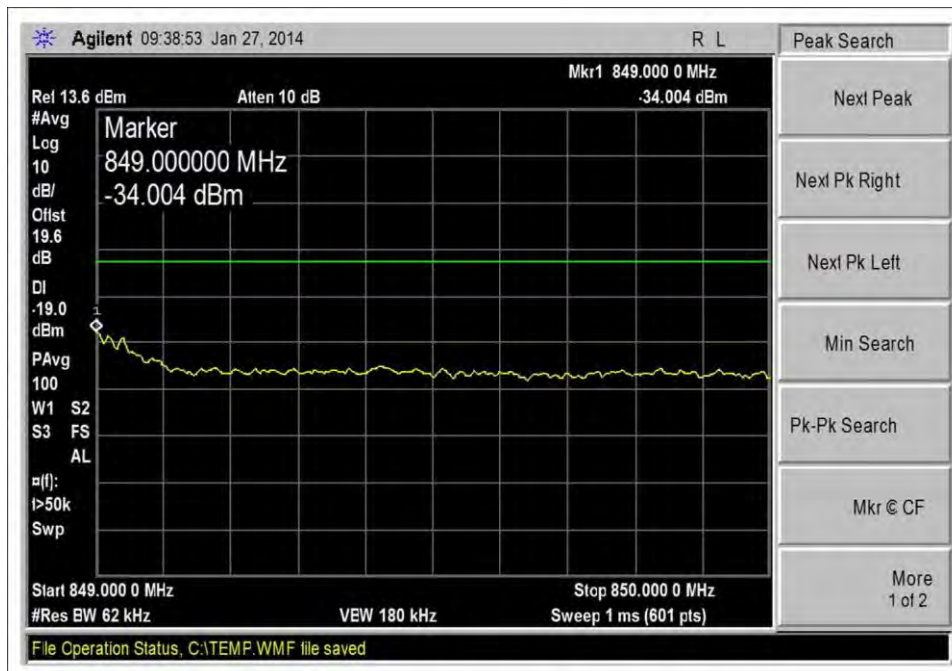
UL_824-849MHz_Low CH_LTE_10 dbm



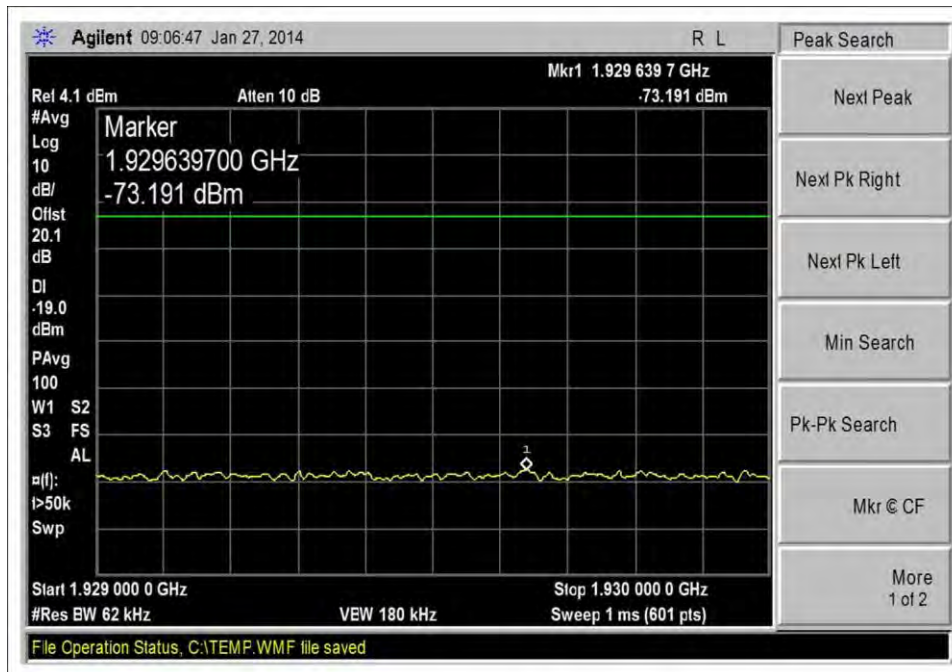
UL_824-849MHz_Low CH_LTE_pre AGC



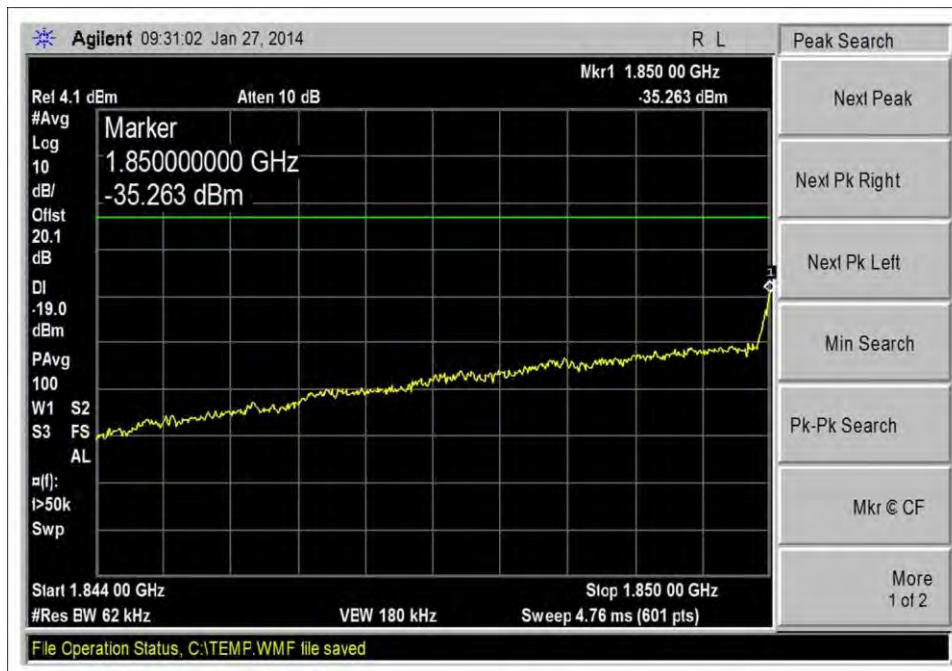
UL_824-849MHz_Hi CH_LTE_10 dbm



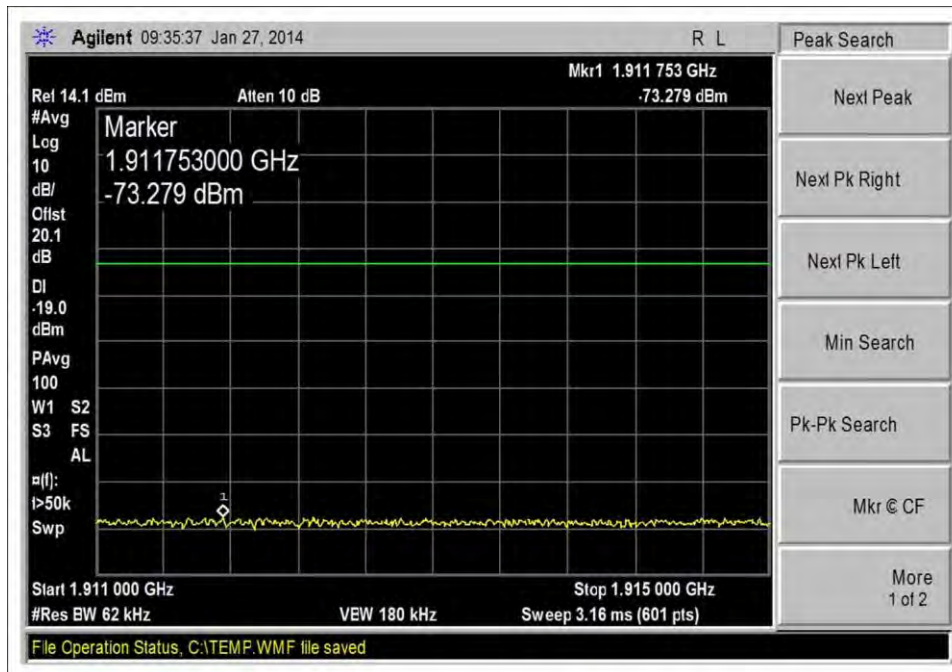
UL_824-849MHz_Hi CH_LTE_pre AGC



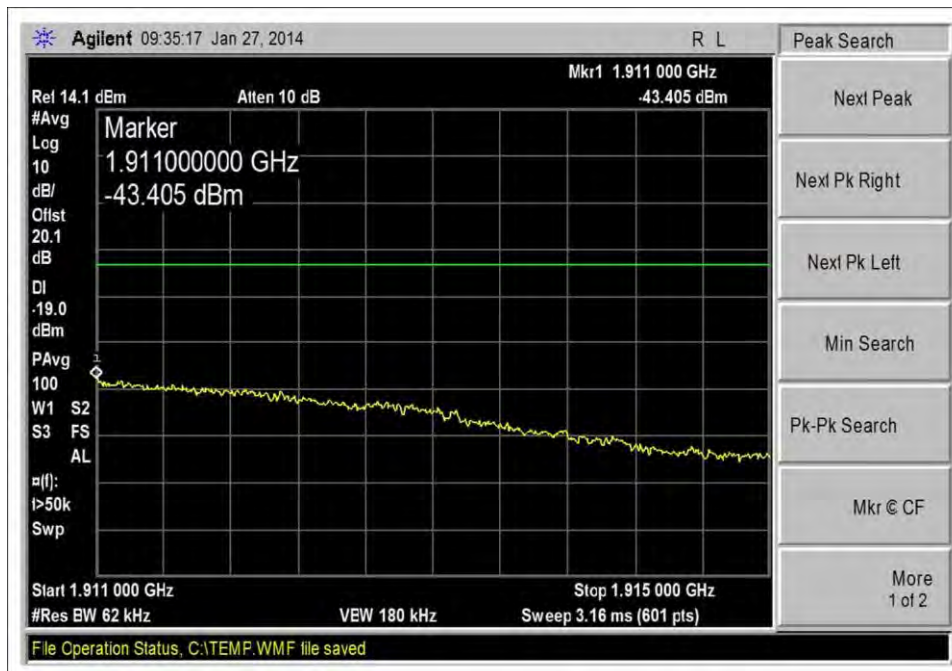
UL_1930-1990MHz_Low CH_LTE_10 dbm



UL_1930-1990MHz_Low CH_LTE_pre AGC



UL_1930-1990MHz_Hi CH_LTE_10dbm



UL_1930-1990MHz_Hi CH_LTE_pre AGC

Test Setup Photo(s)



Clause 7.7 Noise limit

Test Location: CKC Laboratories • 110 Olinda Place • Brea, CA 92823 • 714-993-6112

Customer: **Cellphone-Mate, Inc.**

Specification: **7.7 Noise Limits**

Work Order #: **95252**

Date: 01/23/2014

Test Type: **Conducted Emissions**

Equipment: Mobile Wideband Consumer Signal

Booster

Manufacturer: Cellphone-Mate, Inc.

Tested By: Don Nguyen

Model: TriFlex-2Go-A

110V 60Hz

S/N: (none)

Test Equipment:

Asset #	Description	Model	Calibration Date	Cal Due Date
02672	Spectrum Analyzer	E4446A	8/14/2013	8/14/2015
02945	Cable	32022-2-2909K-36TC	10/30/2013	10/30/2015
C00082	Coupler	MECA Electronics, Inc.	8/21/2013	8/21/2015
03412	Filter	PE8705	8/26/2013	8/26/2015
03413	Filter	PE8706	8/26/2013	8/26/2015
03414	Filter	PE8707	8/26/2013	8/26/2015
03415	Filter	PE8708	8/26/2013	8/26/2015
03447	Filter	PE8710	9/20/2013	9/20/2015
03448	Filter	PE8711	9/20/2013	9/20/2015
03446	Filter	4FV50-707/H18-O/O	1/6/2014	1/6/2016
03467	Filter	4FV50-731/H30-O/O	1/6/2014	1/6/2016
03468	Filter	4CS10-781.5/E12.2-O/O	1/6/2014	1/6/2016
03469	Filter	4CS10-751.5/E12-O/O	1/6/2014	1/6/2016

Equipment Under Test (* = EUT):

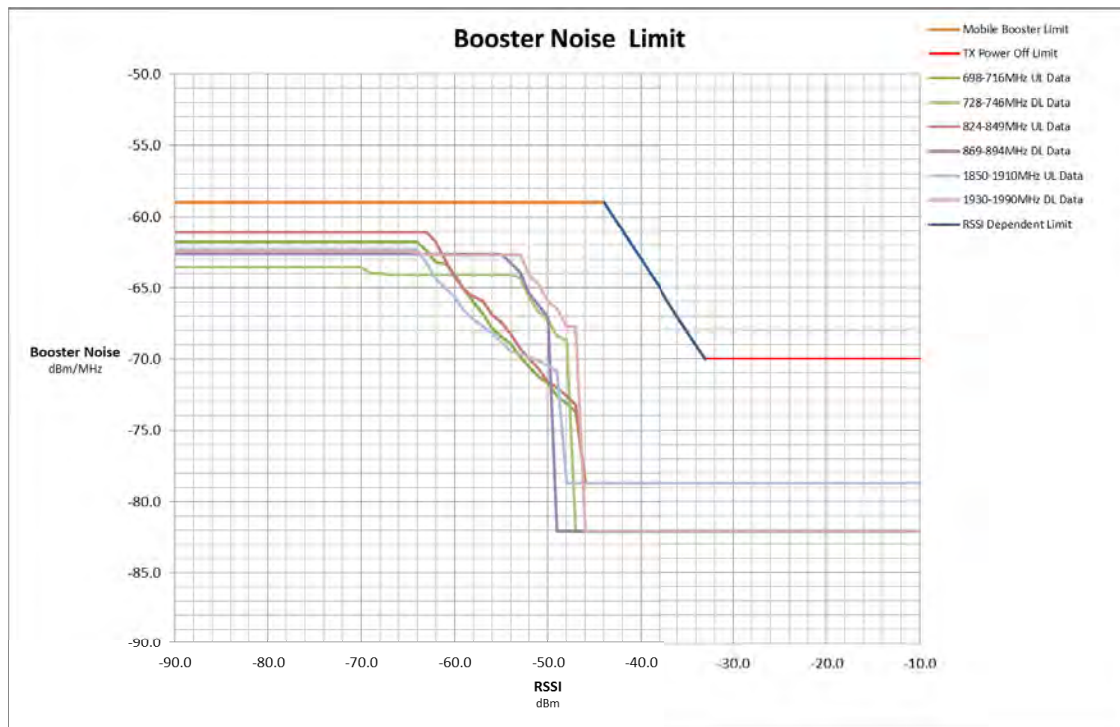
Function	Manufacturer	Model #	S/N
Mobile Wideband	Cellphone-Mate, Inc.	TriFlex-2Go-A	(none)
Consumer Signal Booster *			

Support Devices:

Function	Manufacturer	Model #	S/N
Signal Generator	Agilent	E4433B	US40052164
AC to 9Vdc Power Adapter	SureCall	GFP451DA-0945-1	(none)

Test Conditions / Notes:

The EUT is placed on the test bench. Gain is set to the maximum gain for all bands.
 Evaluation performed at the Outside (Donor) and Inside (Server) antenna port.
 Test performed at for each of the following bands: UL 698-716MHz, UL 824-849MHz, UL 1850-1910MHz, DL 728-746MHz, DL 869-894MHz, DL 1930-1990MHz
 Maximum Power Test procedure: The test was performed in accordance with section 7.7 of the FCC Publication: 935210 D03 Signal Booster Measurements v01r01: January 21, 2014. Site D. Test environment conditions: 21°C, 35%, 100kPa



Summary of Results

Pass: All measured noise level is under the limit. All measured variable uplink noise timings are within 1 second limit.

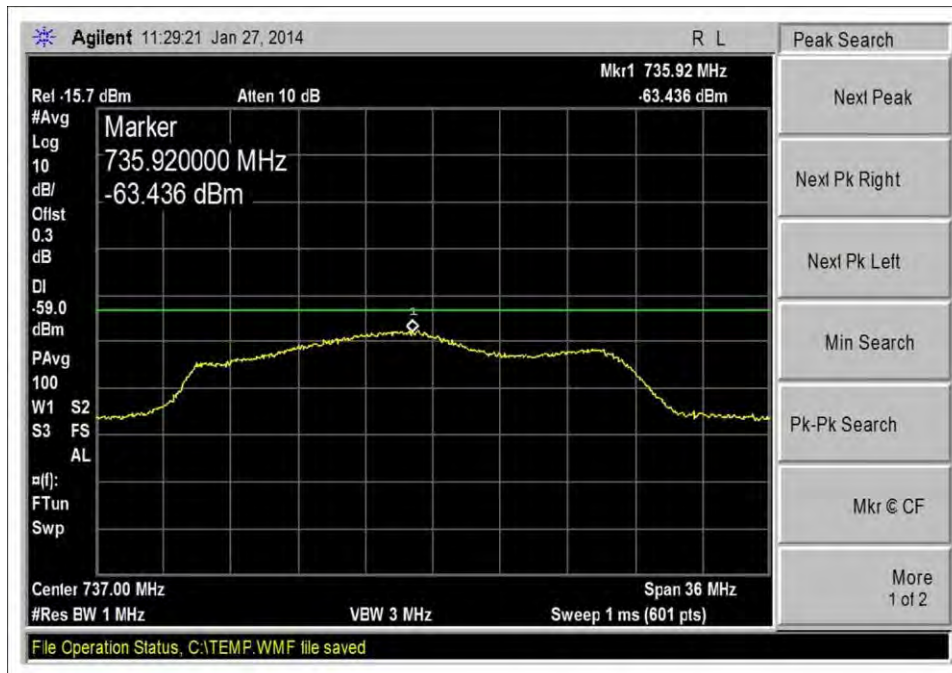
	Part 27 Lower 700MHz		Cellular		Broadband PCS	
	UL	DL	UL	DL	UL	DL
Fl	698.0	728.0	824.0	869.0	1850.0	1930.0
Fh	716.0	746.0	849.0	894.0	1910.0	1990.0
Fmid	707.0	737.0	836.5	881.5	1880.0	1960.0
Span 2xCMRS	36	36	50	50	120	120

7.7 Noise Limits Summary Table / Six Values Closest To Limit

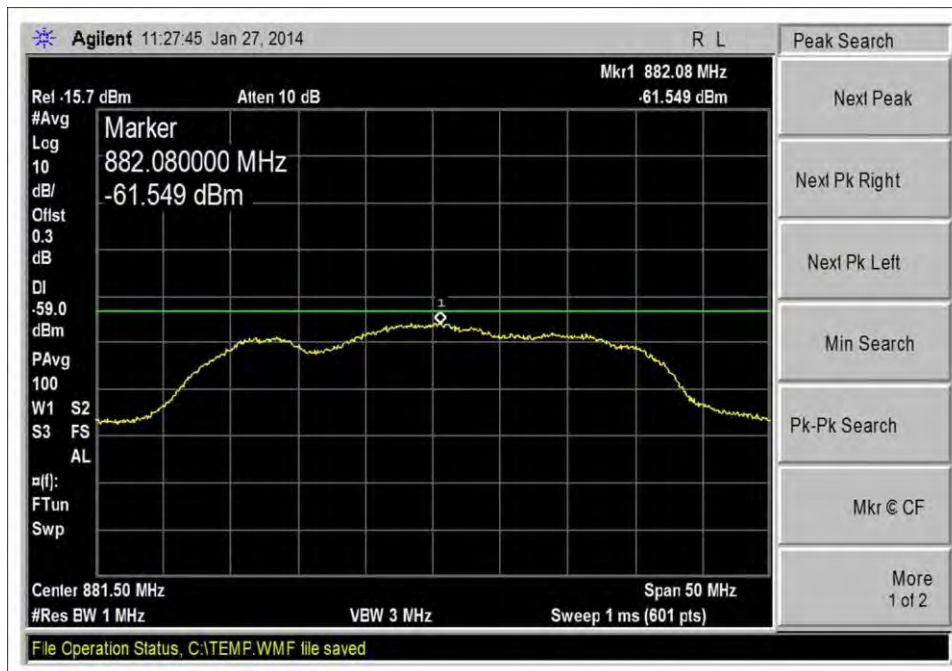
RSSI Level (dBm)	Measured Noise Power Level (dBm/MHz)	Limit Region	Limit Line (dBm/MHz)	Margin (dB)	Frequency Band (MHz)
-90	-61.8	Frequency Dependent	-59	-2.8	698-716 MHz UL
-80	-61.8	Frequency Dependent	-59	-2.8	698-716 MHz UL
-70	-61.8	Frequency Dependent	-59	-2.8	698-716 MHz UL
-69	-61.8	Frequency Dependent	-59	-2.8	698-716 MHz UL
-36	-78.7	RSSI Dependent	-70	-8.7	698-716 MHz UL
-34	-78.7	RSSI Dependent	-69	-9.7	698-716 MHz UL
-90	-63.6	Frequency Dependent	-59	-4.6	728-746 MHz DL
-80	-63.6	Frequency Dependent	-59	-4.6	728-746 MHz DL
-70	-63.6	Frequency Dependent	-59	-4.6	728-746 MHz DL
-69	-64.0	Frequency Dependent	-59	-5.0	728-746 MHz DL
-36	-82.1	RSSI Dependent	-70	-12.1	728-746 MHz DL
-34	-82.1	RSSI Dependent	-69	-13.1	728-746 MHz DL
-90	-61.1	Frequency Dependent	-59	-2.1	824-849 MHz UL
-80	-61.1	Frequency Dependent	-59	-2.1	824-849 MHz UL
-70	-61.1	Frequency Dependent	-59	-2.1	824-849 MHz UL
-69	-61.1	Frequency Dependent	-59	-2.1	824-849 MHz UL
-36	-78.7	RSSI Dependent	-70	-8.7	824-849 MHz UL
-34	-78.7	RSSI Dependent	-69	-9.7	824-849 MHz UL
-90	-62.6	Frequency Dependent	-59	-3.6	869-894 MHz DL
-80	-62.6	Frequency Dependent	-59	-3.6	869-894 MHz DL
-70	-62.6	Frequency Dependent	-59	-3.6	869-894 MHz DL
-69	-62.6	Frequency Dependent	-59	-3.6	869-894 MHz DL
-36	-82.1	RSSI Dependent	-70	-12.1	869-894 MHz DL
-34	-82.1	RSSI Dependent	-69	-13.1	869-894 MHz DL
-90	-62.3	Frequency Dependent	-59	-3.3	1850-1910 MHz UL
-80	-62.3	Frequency Dependent	-59	-3.3	1850-1910 MHz UL
-70	-62.3	Frequency Dependent	-59	-3.3	1850-1910 MHz UL

-69	-62.3	Frequency Dependent	-59	-3.3	1850-1910 MHz UL
-36	-78.7	RSSI Dependent	-70	-8.7	1850-1910 MHz UL
-34	-78.7	RSSI Dependent	-69	-9.7	1850-1910 MHz UL
-90	-62.4	Frequency Dependent	-59	-3.4	1930-1990 MHz DL
-80	-62.4	Frequency Dependent	-59	-3.4	1930-1990 MHz DL
-70	-62.4	Frequency Dependent	-59	-3.4	1930-1990 MHz DL
-69	-62.4	Frequency Dependent	-59	-3.4	1930-1990 MHz DL
-36	-82.1	RSSI Dependent	-70	-12.1	1930-1990 MHz DL
-34	-82.1	RSSI Dependent	-69	-13.1	1930-1990 MHz DL

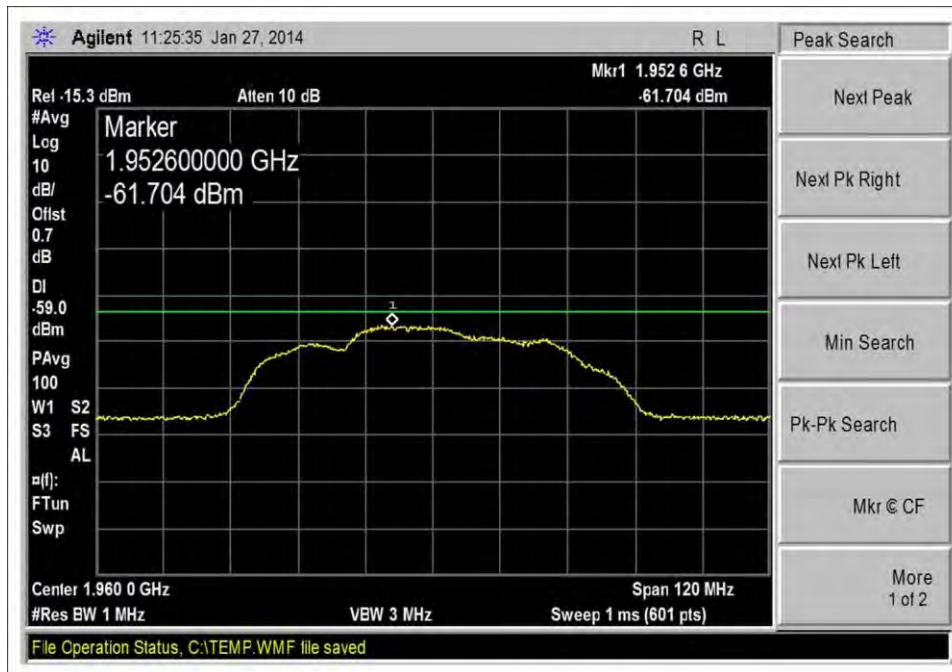
Test Data



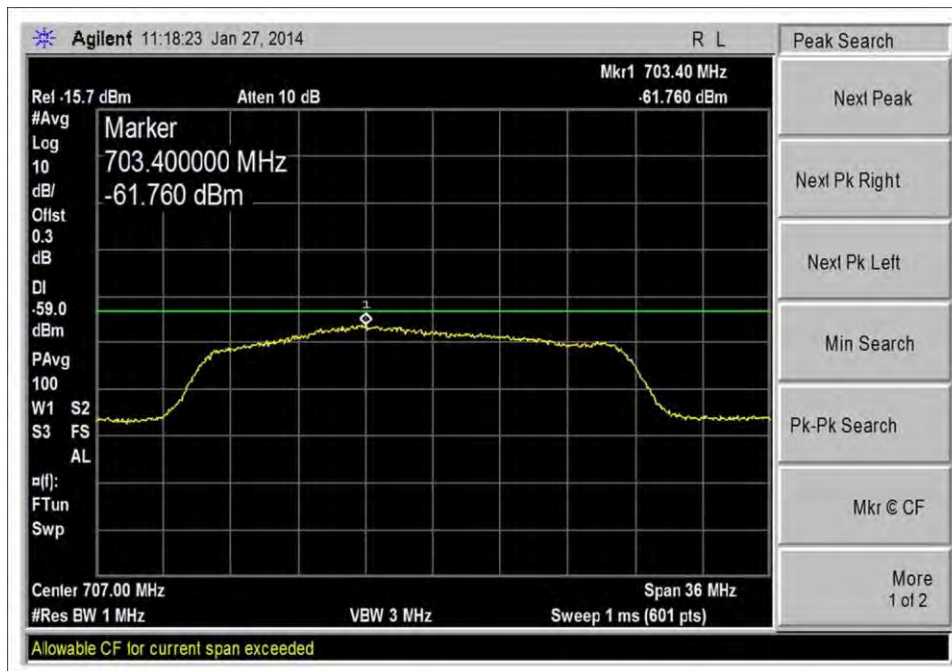
Max Noise_DL_728-746MHz



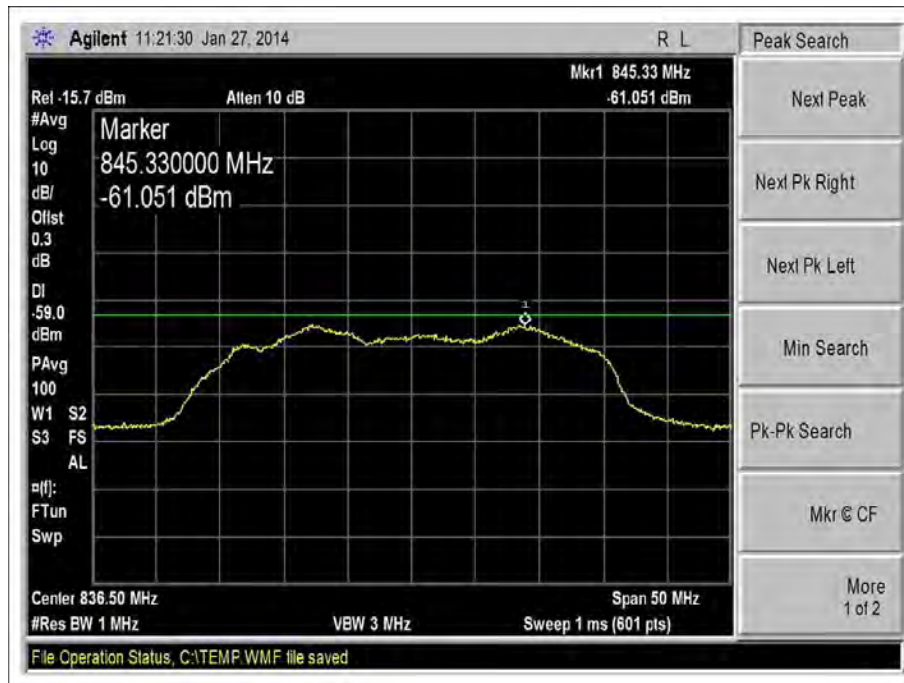
Max Noise_DL_869-894MHz



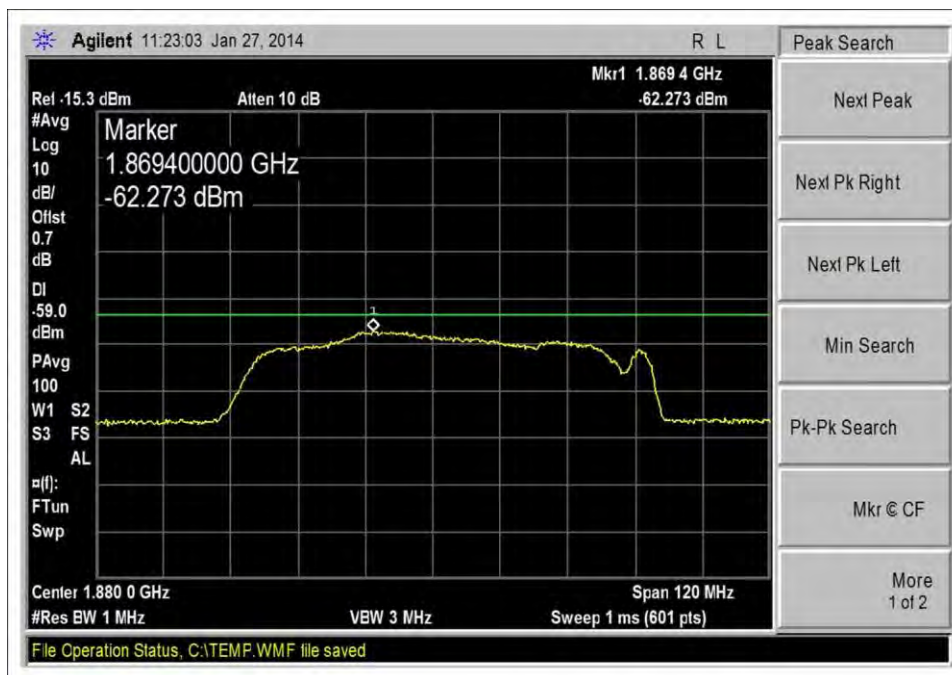
Max Noise_DL_1930-1990MHz



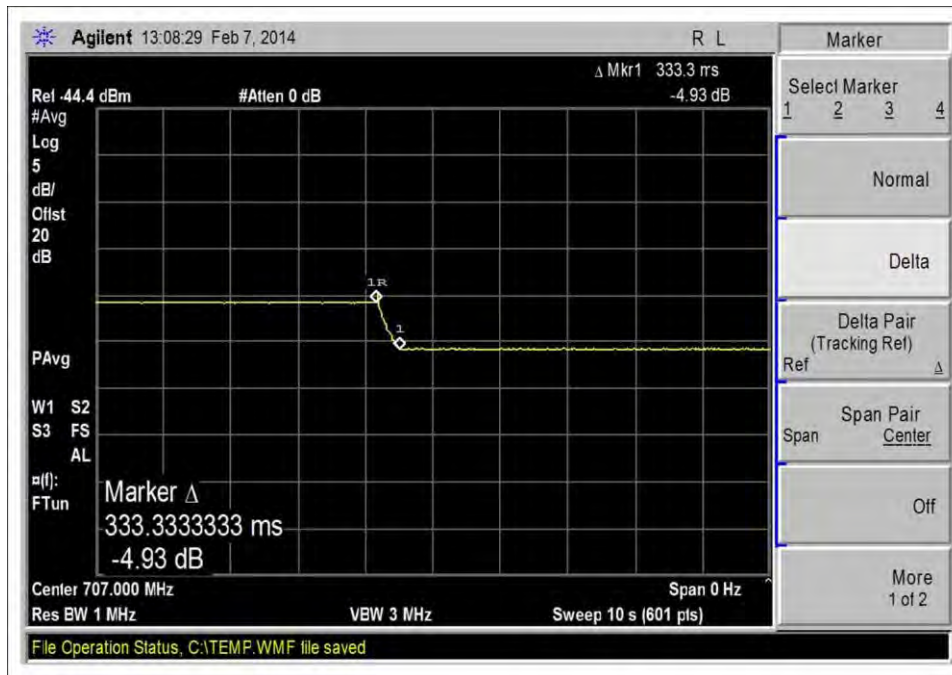
Max Noise_UL_698-716



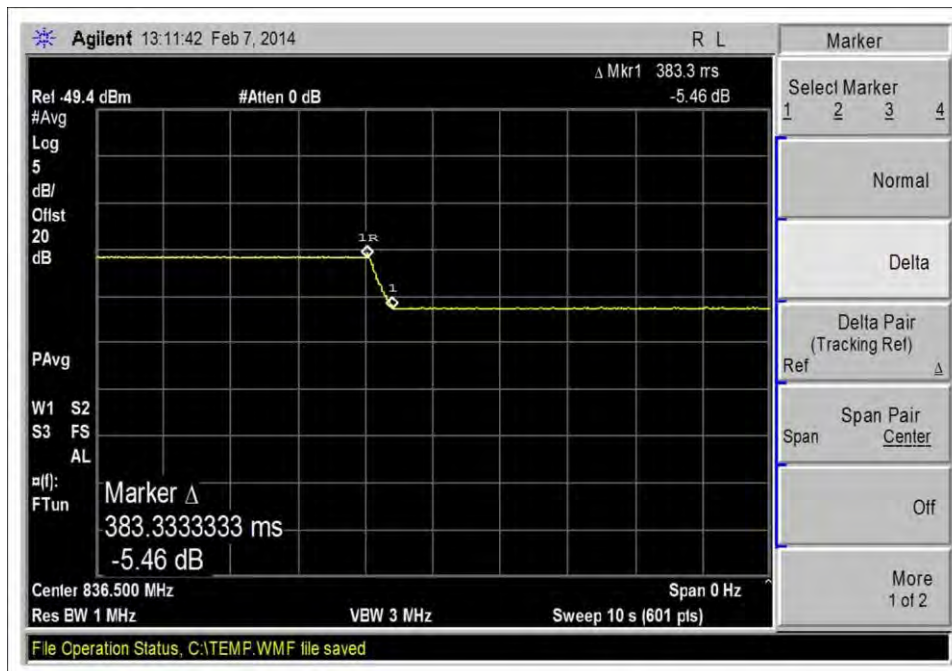
Max Noise_UL_824-849



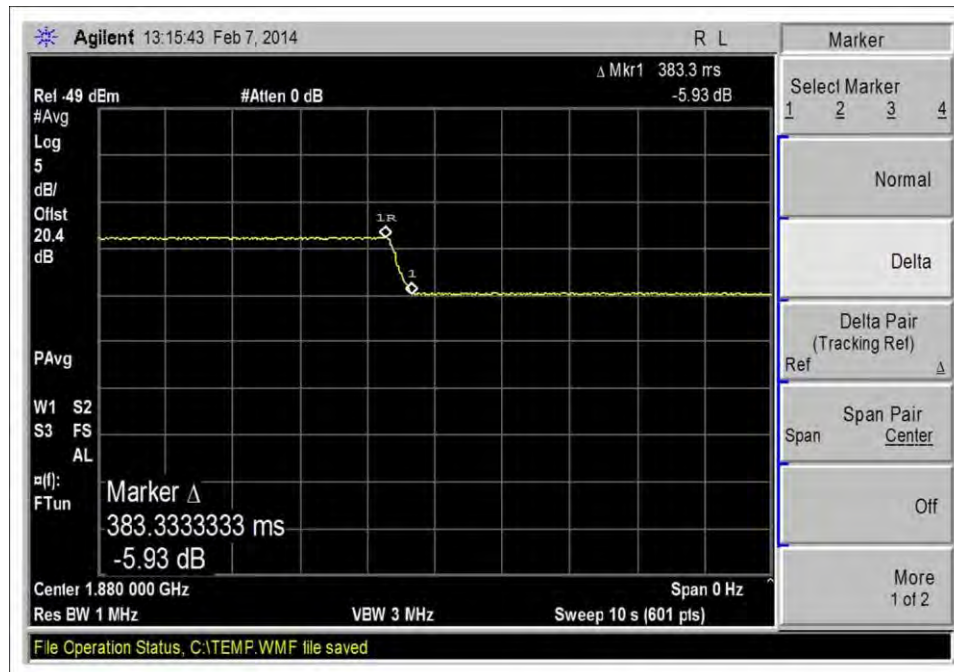
Max Noise_UL_1850-1910MHz



Variable Noise Timing_UL_698-716MHz

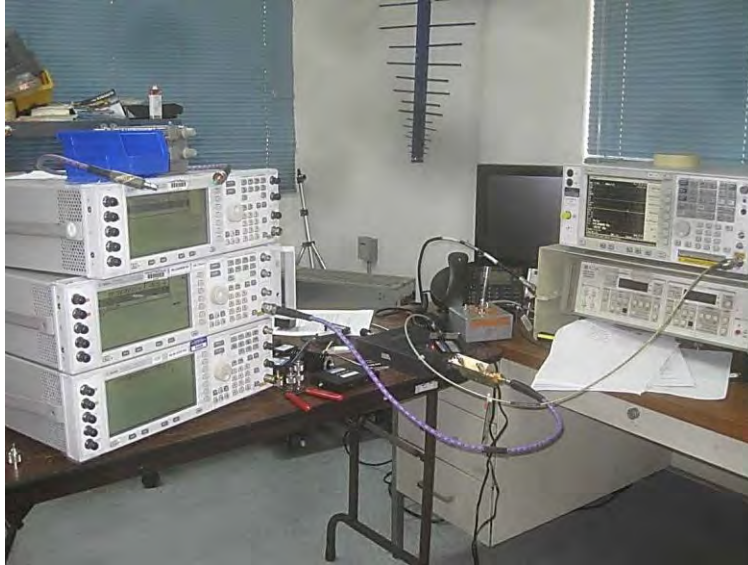


Variable Noise Timing_UL_824-849MHz



Variable Noise Timing_UL_1850-1910MHz

Test Setup Photo(s)



Test Setup, Uplink



Test Setup, Downlink

Clause 7.8 Uplink Inactivity

Test Conditions / Setup

Test Location: CKC Laboratories • 110 Olinda Place • Brea, CA 92823 • 714-993-6112

Customer: **Cellphone-Mate, Inc.**
 Specification: **7.8 Uplink Inactivity**
 Work Order #: **95252** Date: 01/23/2014
 Test Type: **Conducted Emissions**
 Equipment: Mobile Wideband Consumer Signal
 Booster
 Manufacturer: Cellphone-Mate, Inc. Tested By: Don Nguyen
 Model: TriFlex-2Go-A 110V 60Hz
 S/N: (none)

Test Equipment:

Asset #	Description	Model	Calibration Date	Cal Due Date
02672	Spectrum Analyzer	E4446A	8/14/2013	8/14/2015
02945	Cable	32022-2-2909K-36TC	10/30/2013	10/30/2015

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
Mobile Wideband Consumer Signal Booster *	Cellphone-Mate, Inc.	TriFlex-2Go-A	(none)

Support Devices:

Function	Manufacturer	Model #	S/N
AC to 9Vdc Power Adapter	SureCall	GFP451DA-0945-1	(none)

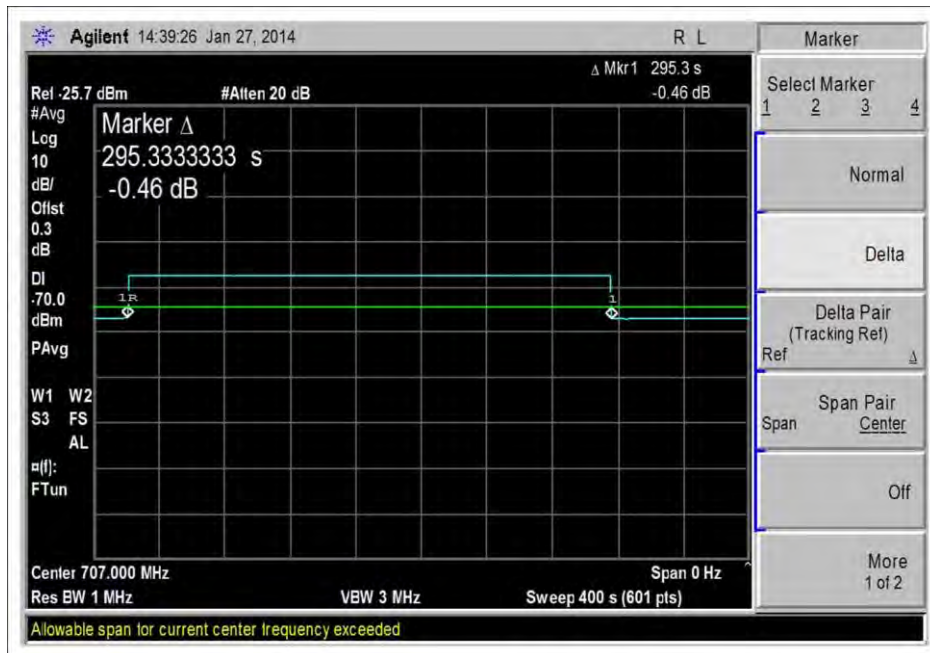
Test Conditions / Notes:

The EUT is placed on the test bench. Gain is set to the maximum gain for all bands.
 Evaluation performed at the Outside (Donor) and Inside (Server) antenna port.
 Test performed at for each of the following bands: UL 698-716MHz, UL 824-849MHz, UL 1850-1910MHz, DL 728-746MHz, DL 869-894MHz, DL 1930-1990MHz
 Maximum Power Test procedure: The test was performed in accordance with section 7.8 of the FCC Publication: 935210 D03 Signal Booster Measurements v01r01: January 21, 2014. Site D. Test environment conditions: 21°C, 35%, 100kPa

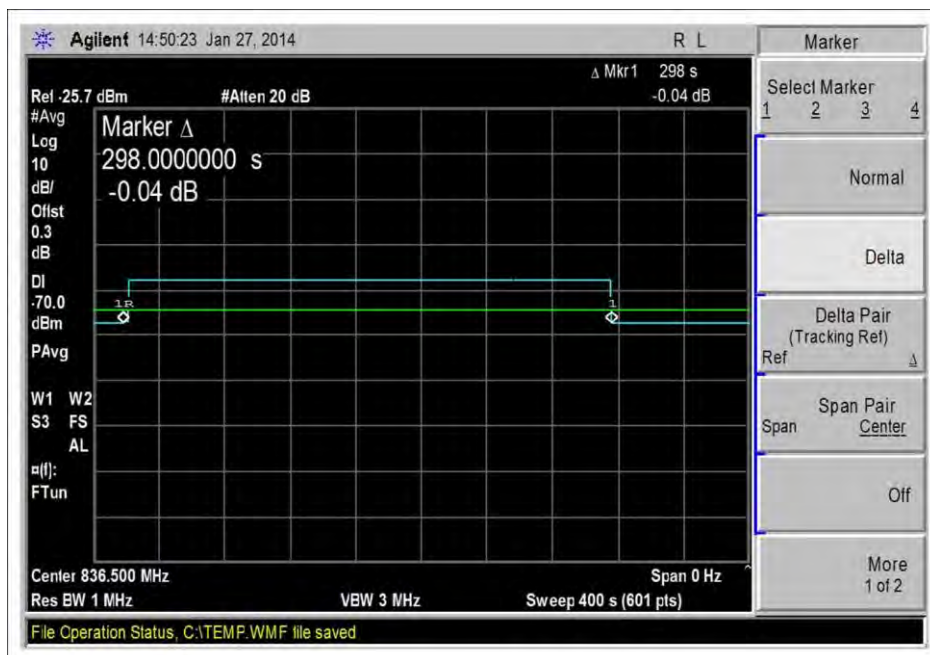
Summary of Results

Pass: As demonstrated, when the booster is not serving an active device connection after 5 minutes the uplink noise power does not exceed -70dbm/MHz

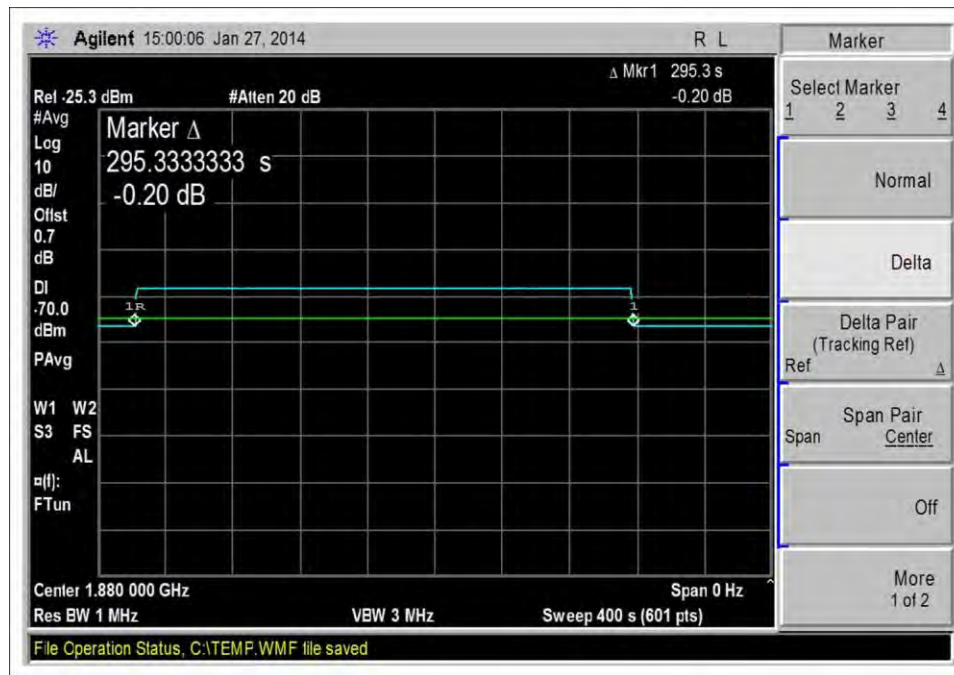
Test Data



UL_698-716MHz

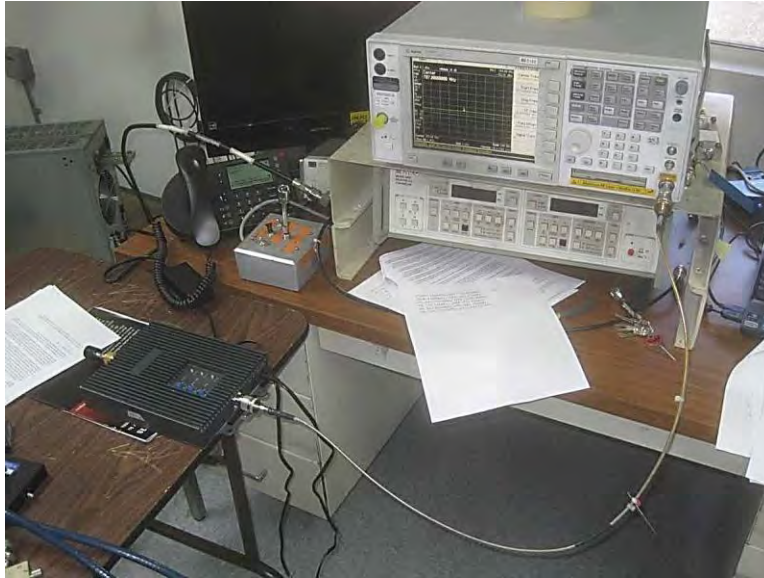


UL_1850-1910MHz



UL_1850-1910MHz

Test Setup Photo(s)



Clause 7.9 Booster Gain Limit

Test Location: CKC Laboratories • 110 Olinda Place • Brea, CA 92823 • 714-993-6112

Customer: **Cellphone-Mate, Inc.**
 Specification: **7.9 Variable Booster Gain**
 Work Order #: **95252** Date: 01/23/2014
 Test Type: **Conducted Emissions**
 Equipment: Mobile Wideband Consumer Signal
 Booster
 Manufacturer: Cellphone-Mate, Inc. Tested By: Don Nguyen
 Model: TriFlex-2Go-A 110V 60Hz
 S/N: (none)

Test Equipment:

Asset #	Description	Model	Calibration Date	Cal Due Date
02672	Spectrum Analyzer	E4446A	8/14/2013	8/14/2015
02945	Cable	32022-2-2909K-36TC	10/30/2013	10/30/2015
C00082	Coupler	MECA Electronics, Inc	8/21/2013	8/21/2015
03412	Filter	PE8705	8/26/2013	8/26/2015
03413	Filter	PE8706	8/26/2013	8/26/2015
03414	Filter	PE8707	8/26/2013	8/26/2015
03415	Filter	PE8708	8/26/2013	8/26/2015
03447	Filter	PE8710	9/20/2013	9/20/2015
03448	Filter	PE8711	9/20/2013	9/20/2015
03446	Filter	4FV50-707/H18-O/O	1/6/2014	1/6/2016
03467	Filter	4FV50-731/H30-O/O	1/6/2014	1/6/2016
03468	Filter	4CS10-781.5/E12.2-O/O	1/6/2014	1/6/2016
03469	Filter	4CS10-751.5/E12-O/O	1/6/2014	1/6/2016

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
Mobile Wideband Consumer Signal Booster *	Cellphone-Mate, Inc.	TriFlex-2Go-A	(none)

Support Devices:

Function	Manufacturer	Model #	S/N
Signal Generator	Agilent	E4433B	US40052164
Signal Generator	Agilent	E4433B	US40053279
AC to 9Vdc Power Adapter	SureCall	GFP451DA-0945-1	(none)

Test Conditions / Notes:

The EUT is placed on the test bench. Gain is set to the maximum gain for all bands.
 Evaluation performed at the Outside (Donor) and Inside (Server) antenna port.
 Test performed at for each of the following bands: UL 698-716MHz, UL 824-849MHz, UL 1850-1910MHz, DL 728-746MHz, DL 869-894MHz, DL 1930-1990MHz
 Maximum Power Test procedure: The test was performed in accordance with section 7.9 of the FCC Publication: 935210 D03 Signal Booster Measurements v01r01: January 21, 2014. Site D. Test environment conditions: 21°C, 35%, 100kPa

Note: MSCL Calculations provided by manufacturer. Data is presented with MSCL=26.5db chosen as worst case scenario.

Vehicle Kit

Path loss =20Lgf+20Lgd-27.55				
Band	F(MHz)	d(m)	Constant (dB)	Path loss(dB)
PCS(1850-1910)	1850	0.4	27.55	29.8
Cellular(824-849)	824	0.4	27.55	22.8
LTE (698-716)	698	0.4	27.55	21.4

MSCL					
Band	Path loss (dB)	Indoor Antenna Gain(dBi)	Indoor Cable Loss(dB)	Polarity Loss(dB)	MSCL(dB)
PCS (1850-1910)	29.8	3	8.8	3	38.6
Cellular (824-849)	22.8	1.1	4.3	3	29.0
LTE (698-716)	21.4	1.1	3.8	3	27.1

Marine Kit

Path loss=20Lgf+20Lgd-27.55				
Band	F(MHz)	d(m)	Constant(dB)	Path loss(dB)
PCS(1850-1910)	1850	0.9	27.55	36.9
Cellular(824-849)	824	0.9	27.55	30.3
LTE (698-716)	698	0.9	27.55	28.4

MSCL					
Band	Path loss (dB)	Indoor Antenna Gain(dBi)	Indoor Cable Loss(dB)	Polarity Loss(dB)	MSCL(dB)
PCS (1850-1910)	36.9	10	3.56	3	33.4
Cellular (824-849)	30.3	7	2.29	3	28.6
LTE (698-716)	28.4	7	2.06	3	26.5

Desktop/RV Kit

Path loss=20L _g f+20L _g d-27.55				
Band	F(MHz)	d(m)	Constant(dB)	Path loss(dB)
PCS(1850-1910)	1850	0.6	27.55	33.3
Cellular(824-849)	824	0.6	27.55	26.3
LTE (698-716)	698	0.6	27.55	24.9

MSCL					
Band	Path loss (dB)	Indoor Antenna Gain(dBi)	Indoor Cable Loss(dB)	Polarity Loss(dB)	MSCL(dB)
PCS (1850-1910)	33.3	3	0.3	3	35
Cellular (824-849)	26.3	1.2	0.3	3	29.8
LTE (698-716)	24.9	1.2	0.3	3	27

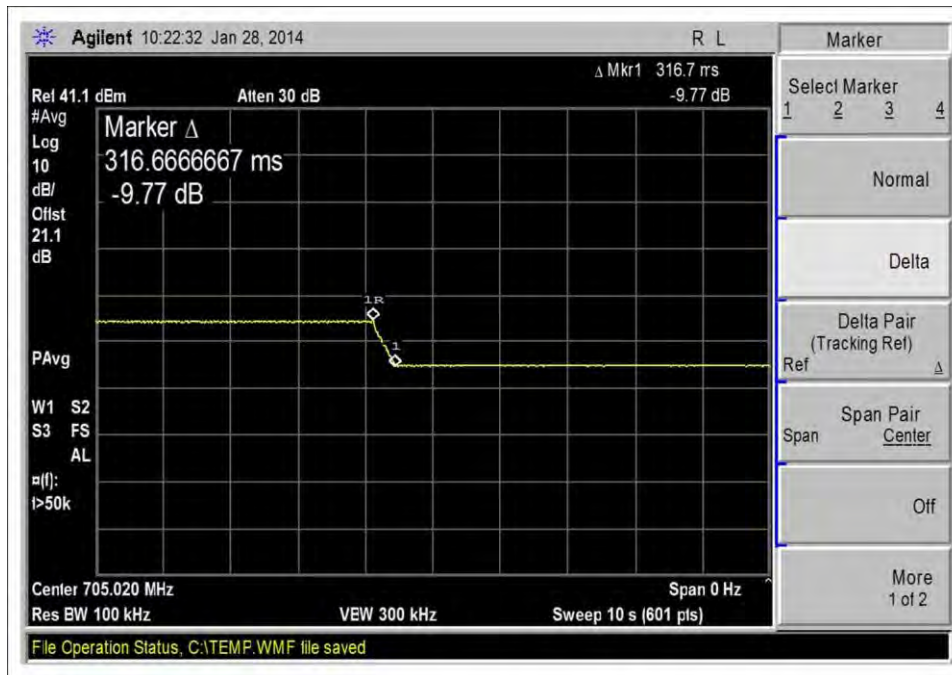
Summary of Results

Pass: As demonstrated, all variable uplink gain timings are within 1 second limit. Computed gains are within the gain limit.

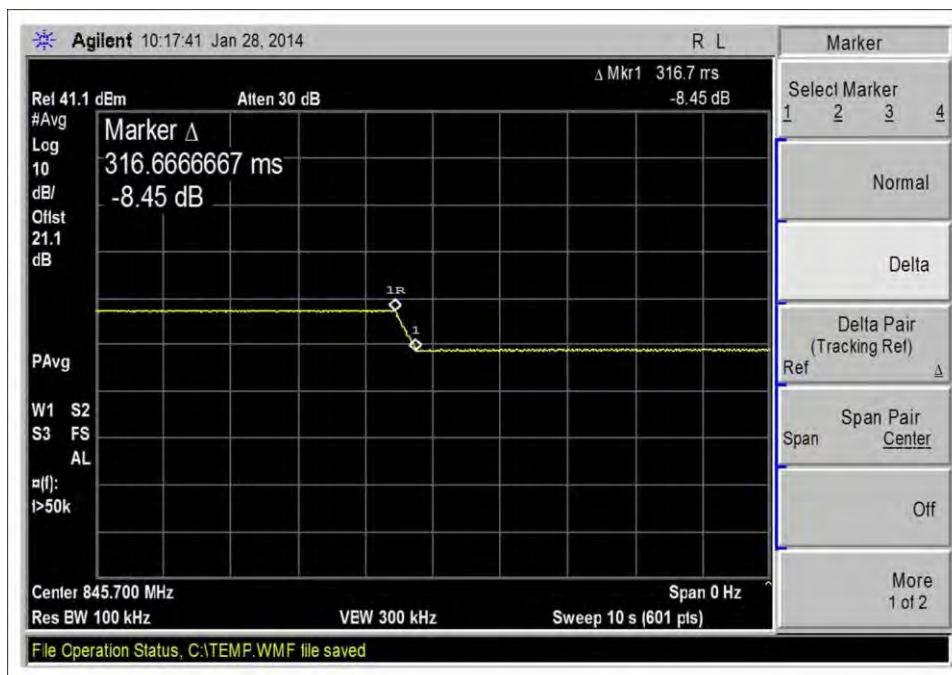
	Part 27 Lower 700MHz	Cellular UL	Broadband PCS UL
Fl	698.0	824.0	1850
Fh	716.0	849.0	1910
Fmid	707.0	836.5	1880
Span 2xCMRS	36	50	120

7.9 Variable Gain Summary Table / Six Values Closest To Limit					
RSSI Level (dBm)	Measured Uplink Gain Level (dB)	Limit Region	Limit Line (dB)	Margin (dB)	Frequency Band (MHz)
-90	44.0	Mobile Max Gain	50	-6.0	698-716 MHz UL
-80	44.0	Mobile Max Gain	50	-6.0	698-716 MHz UL
-70	44.0	Mobile Max Gain	50	-6.0	698-716 MHz UL
-69	44.0	Mobile Max Gain	50	-6.0	698-716 MHz UL
-47	28.5	RSSI Dependent	39.5	-11.0	698-716 MHz UL
-56	36.7	RSSI Dependent	48.5	-11.8	698-716 MHz UL
-90	45.1	Mobile Max Gain	50	-4.9	824-849 MHz UL
-80	45.1	Mobile Max Gain	50	-4.9	824-849 MHz UL
-70	45.1	Mobile Max Gain	50	-4.9	824-849 MHz UL
-69	45.1	Mobile Max Gain	50	-4.9	824-849 MHz UL
-47	29.5	RSSI Dependent	39.5	-10.0	824-849 MHz UL
-50	31.8	RSSI Dependent	42.5	-10.7	824-849 MHz UL
-90	46.0	Mobile Max Gain	50	-4.0	1850-1910 MHz UL
-80	46.0	Mobile Max Gain	50	-4.0	1850-1910 MHz UL
-70	46.0	Mobile Max Gain	50	-4.0	1850-1910 MHz UL
-69	46.0	Mobile Max Gain	50	-4.0	1850-1910 MHz UL
-51	33.0	RSSI Dependent	43.5	-10.5	1850-1910 MHz UL
-52	34.0	RSSI Dependent	44.5	-10.5	1850-1910 MHz UL

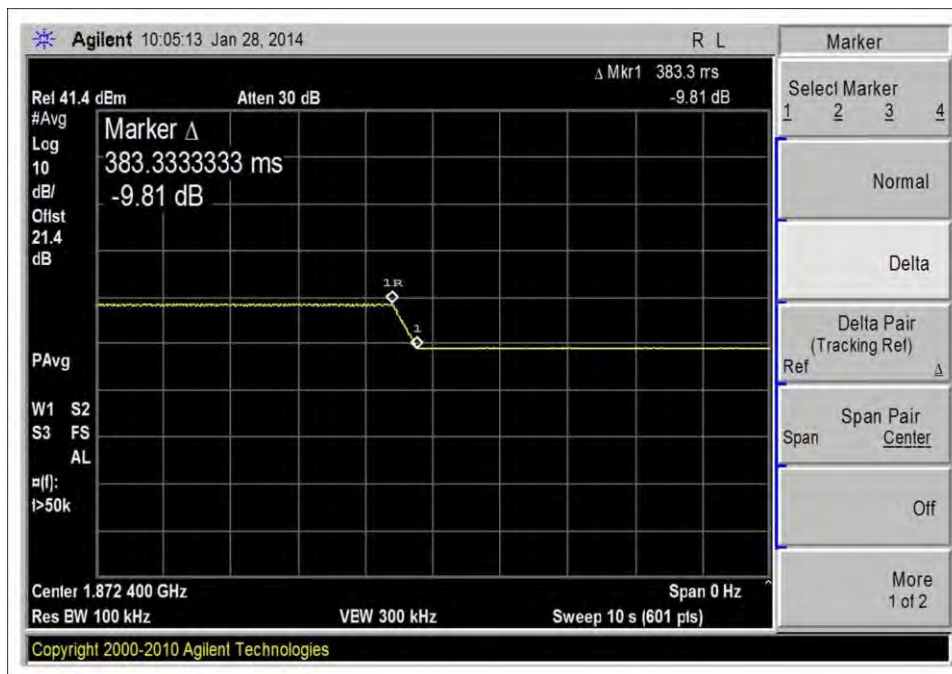
Test Data



UL_698-716MHz



UL_824-849MHz



UL_1850-1910MHz

Test Setup Photo(s)



Clause 7.11 Oscillation Detection

Test Conditions / Setup

Test Location: CKC Laboratories • 110 Olinda Place • Brea, CA 92823 • 714-993-6112

Customer: **Cellphone-Mate, Inc.**
 Specification: **7.11 Oscillation Detection**
 Work Order #: **95252** Date: 01/23/2014
 Test Type: **Conducted Emissions**
 Equipment: Mobile Wideband Consumer Signal
 Booster
 Manufacturer: Cellphone-Mate, Inc. Tested By: Don Nguyen
 Model: TriFlex-2Go-A 110V 60Hz
 S/N: (none)

Test Equipment:

Asset #	Description	Model	Calibration Date	Cal Due Date
02672	Spectrum Analyzer	E4446A	8/14/2013	8/14/2015
02945	Cable	32022-2-2909K-36TC	10/30/2013	10/30/2015
C00082	Coupler	MECA Electronics, Inc.	8/21/2013	8/21/2015
03429	Attenuator	8496B	9/5/2013	9/5/2015
02475	Attenuator	8494B	6/17/2013	6/17/2015
03412	Filter	PE8705	8/26/2013	8/26/2015
03413	Filter	PE8706	8/26/2013	8/26/2015
03414	Filter	PE8707	8/26/2013	8/26/2015
03415	Filter	PE8708	8/26/2013	8/26/2015
03447	Filter	PE8710	9/20/2013	9/20/2015
03448	Filter	PE8711	9/20/2013	9/20/2015
03446	Filter	4FV50-707/H18-O/O	1/6/2014	1/6/2016
03467	Filter	4FV50-731/H30-O/O	1/6/2014	1/6/2016
03468	Filter	4CS10-781.5/E12.2-O/O	1/6/2014	1/6/2016
03469	Filter	4CS10-751.5/E12-O/O	1/6/2014	1/6/2016

Equipment Under Test (* = EUT):

Function	Manufacturer	Model #	S/N
Mobile Wideband Consumer Signal Booster *	Cellphone-Mate, Inc.	TriFlex-2Go-A	(none)

Support Devices:

Function	Manufacturer	Model #	S/N
AC to 9Vdc Power Adapter	SureCall	GFP451DA-0945-1	(none)

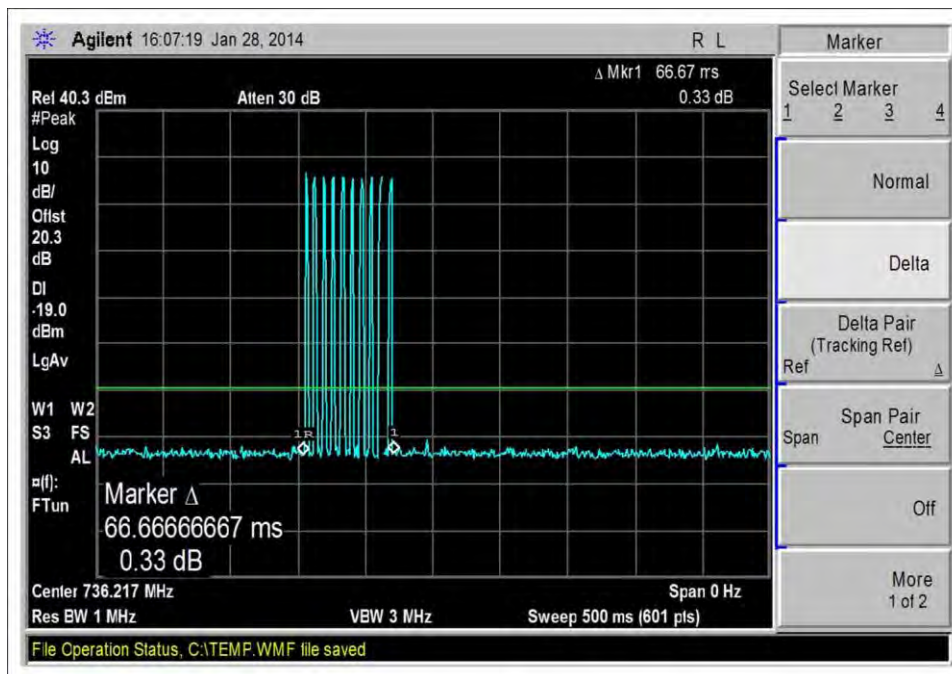
Test Conditions / Notes:

The EUT is placed on the test bench. Gain is set to the maximum gain for all bands.
Evaluation performed at the Outside (Donor) and Inside (Server) antenna port.
Test performed at for each of the following bands: UL 698-716MHz, UL 824-849MHz, UL 1850-1910MHz, DL 728-746MHz, DL 869-894MHz, DL 1930-1990MHz
Maximum Power Test procedure: The test was performed in accordance with section 7.11 of the FCC Publication: 935210 D03 Signal Booster Measurements v01r01: January 21, 2014. Site D. Test environment conditions: 21°C, 35%, 100kPa

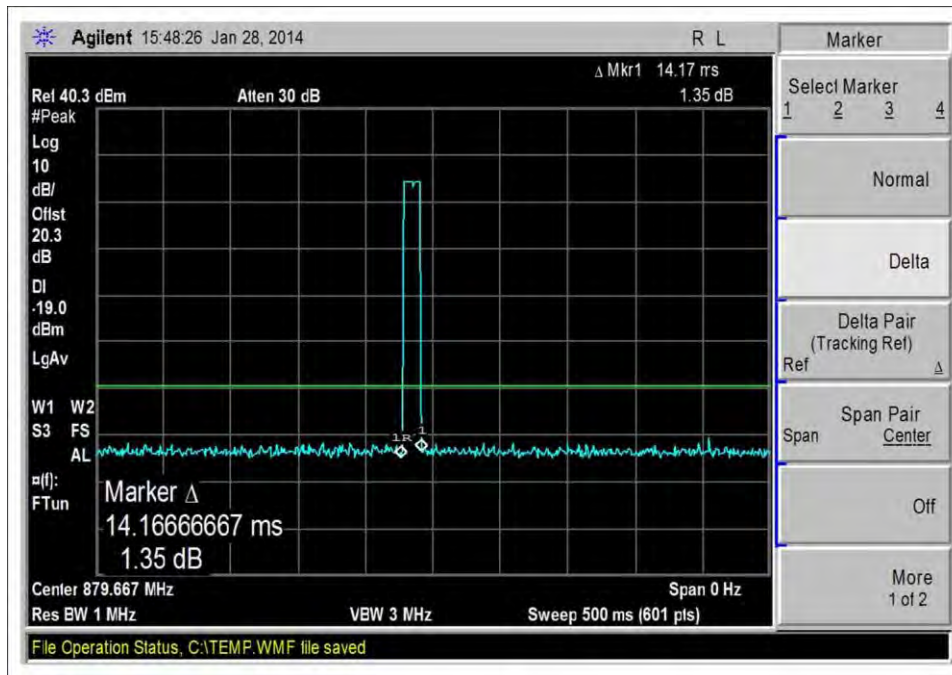
Summary of Results

Pass: All oscillations detection and mitigations occur within 0.3 seconds in uplink bands and within 1 second in the downlink bands. The booster continues to mitigation at least 1 minute before restarting. After 5 restarts, the booster does not resume operation until manually reset.

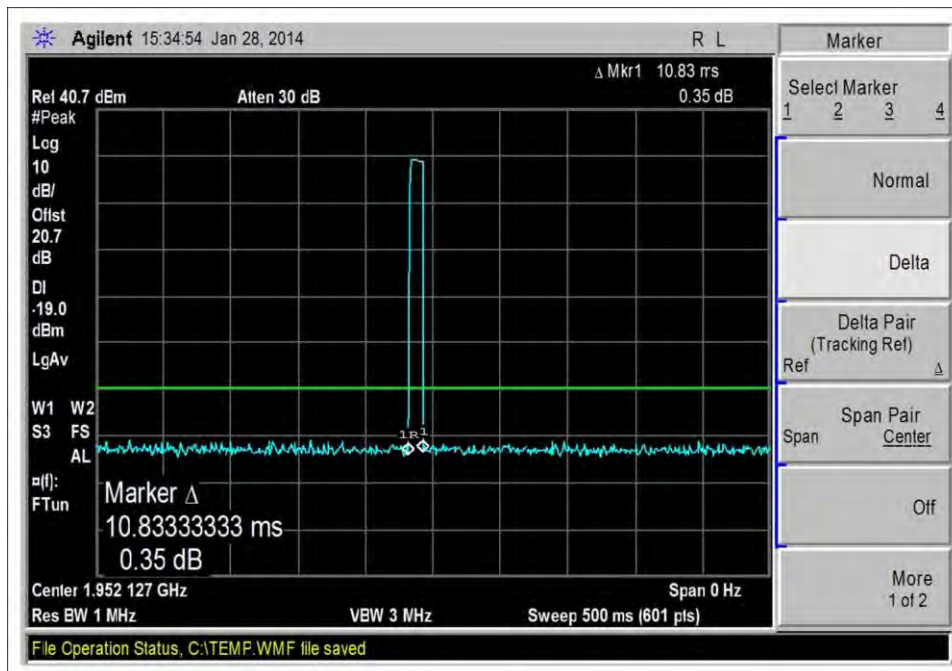
Test Data



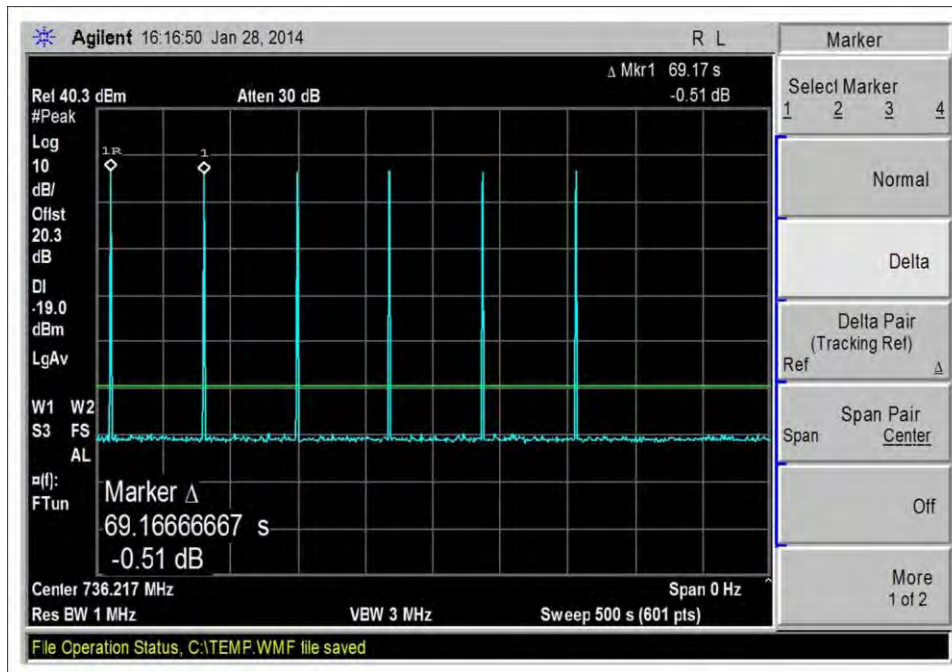
Oscillation Detection_DL_728-746MHz



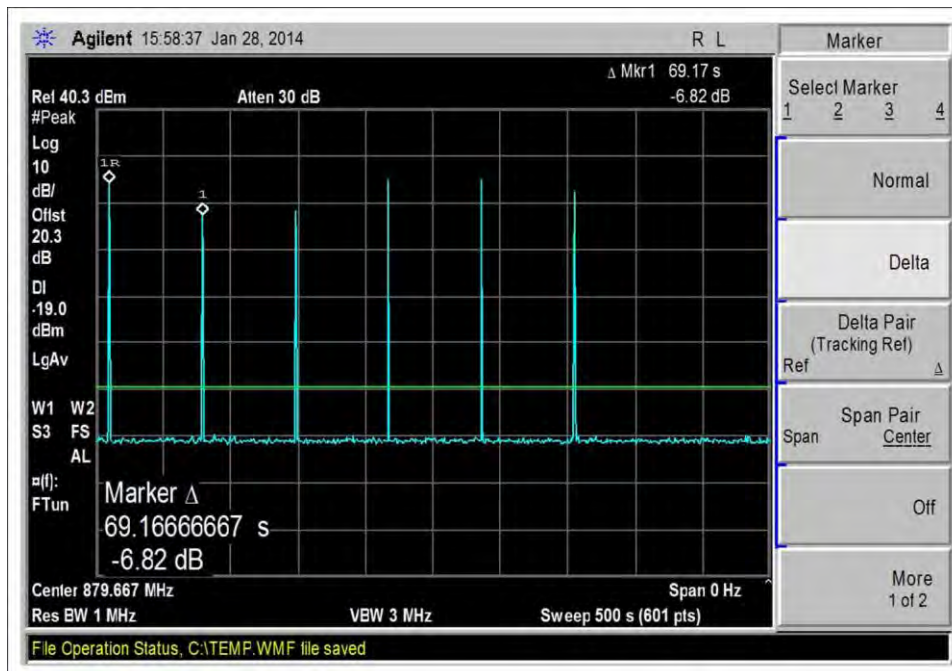
Oscillation Detection_DL_869-894MHz



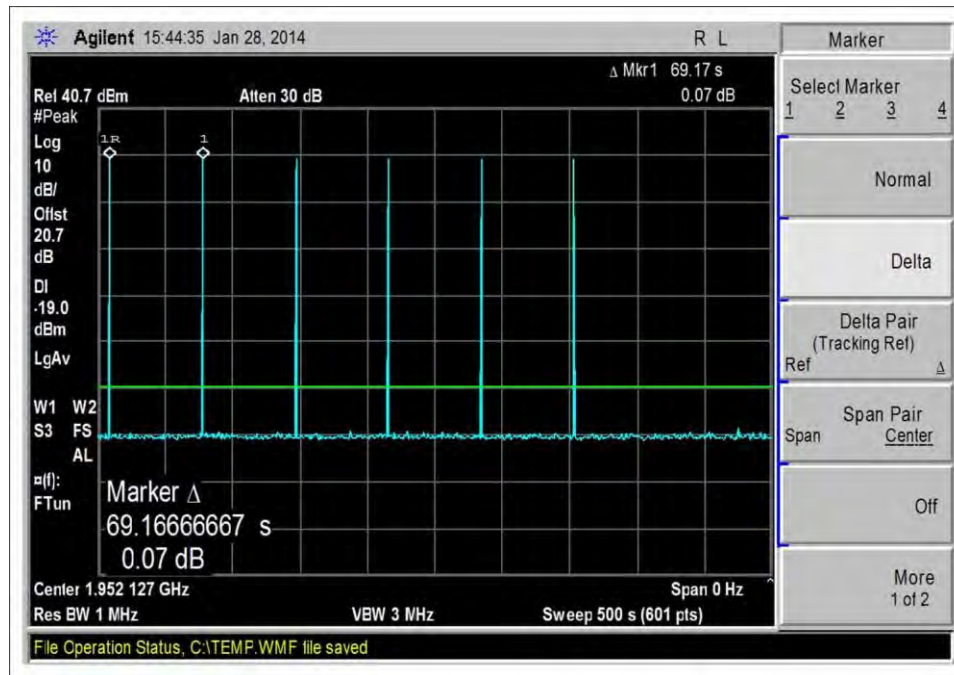
Oscillation Detectoin_DL_1930-1990MHz



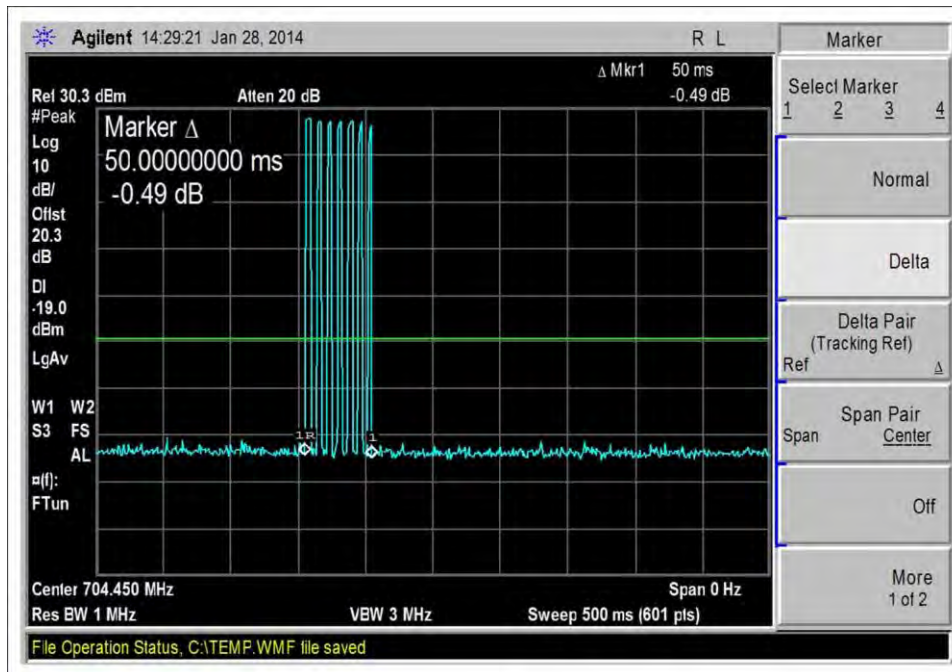
Oscillation Mitigation DL_728-746MHz



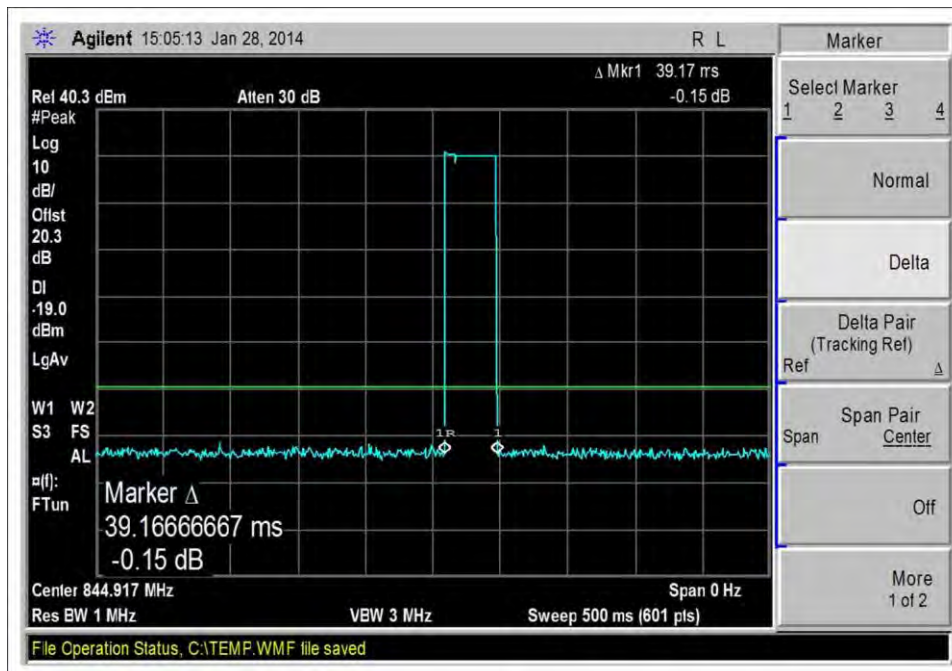
Oscillation Mitigation DL 869-894MHz



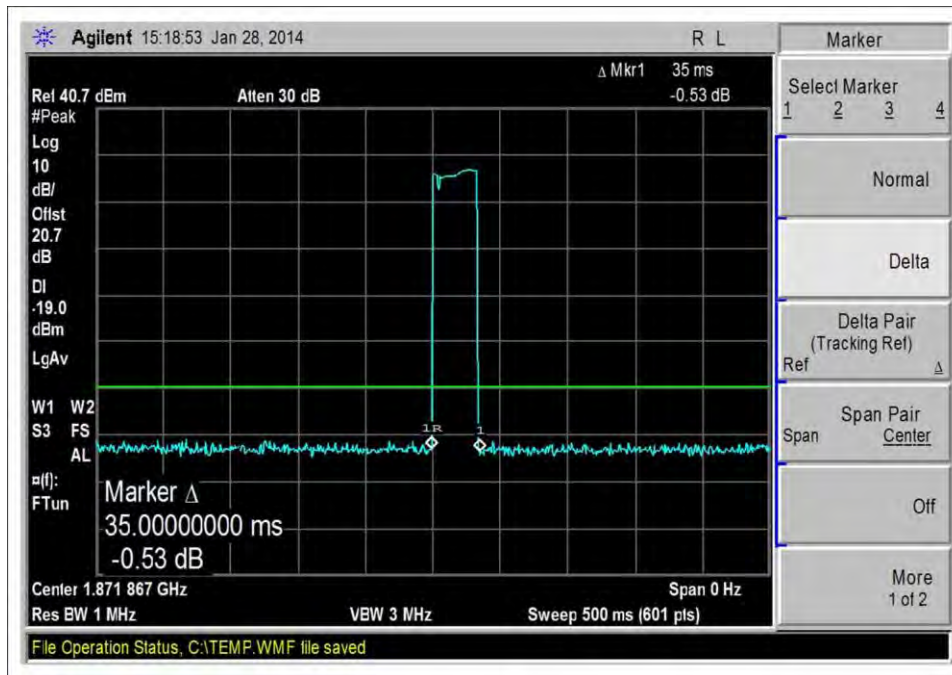
Oscillation Mitigation_DL_1930-1990MHz



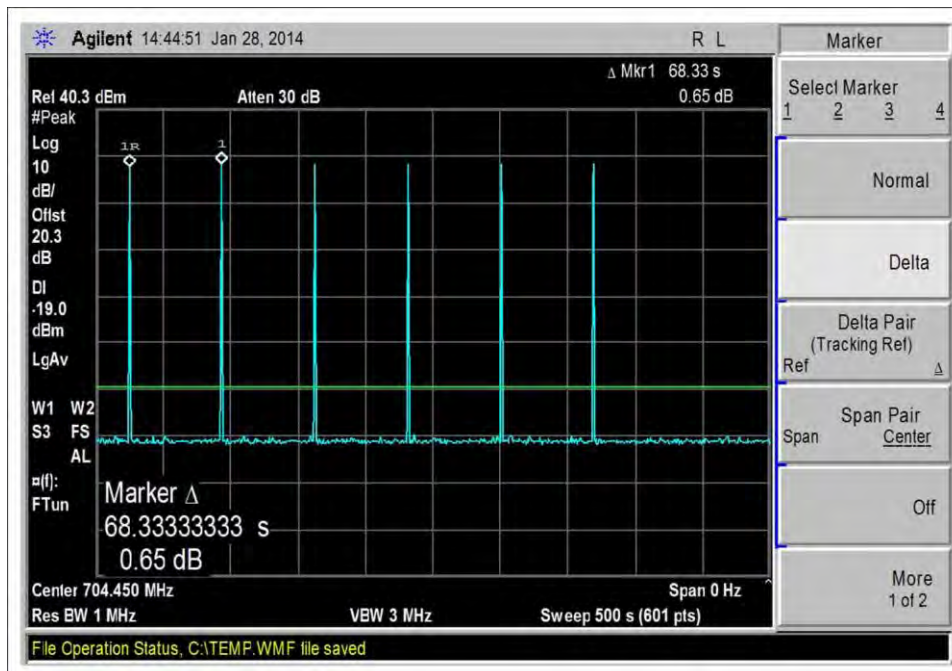
Oscillation Detection_UL_698-716MHz



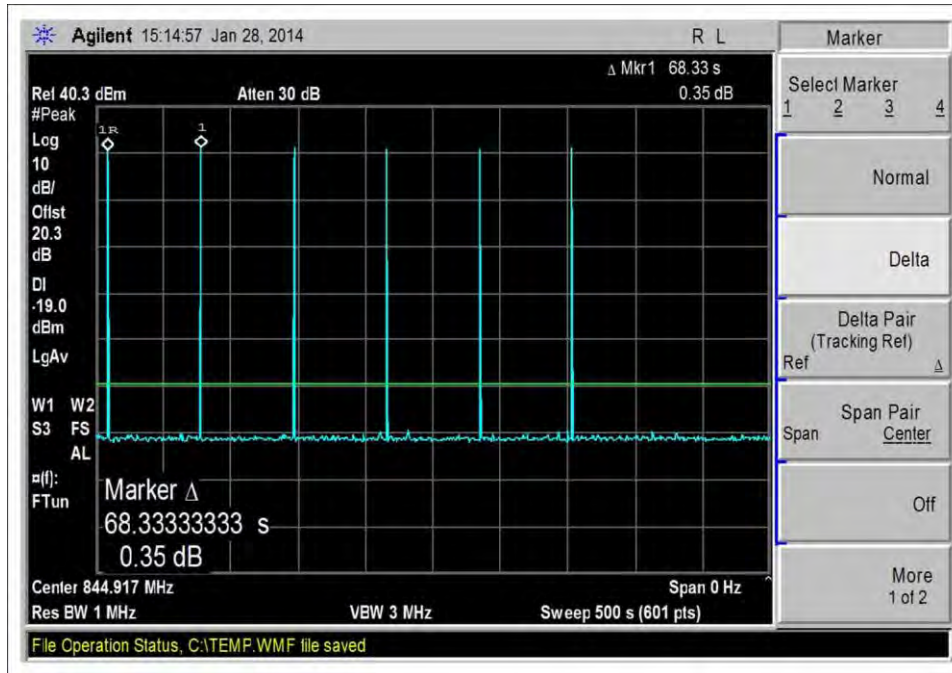
Oscillation Detection_UL_824-849MHz



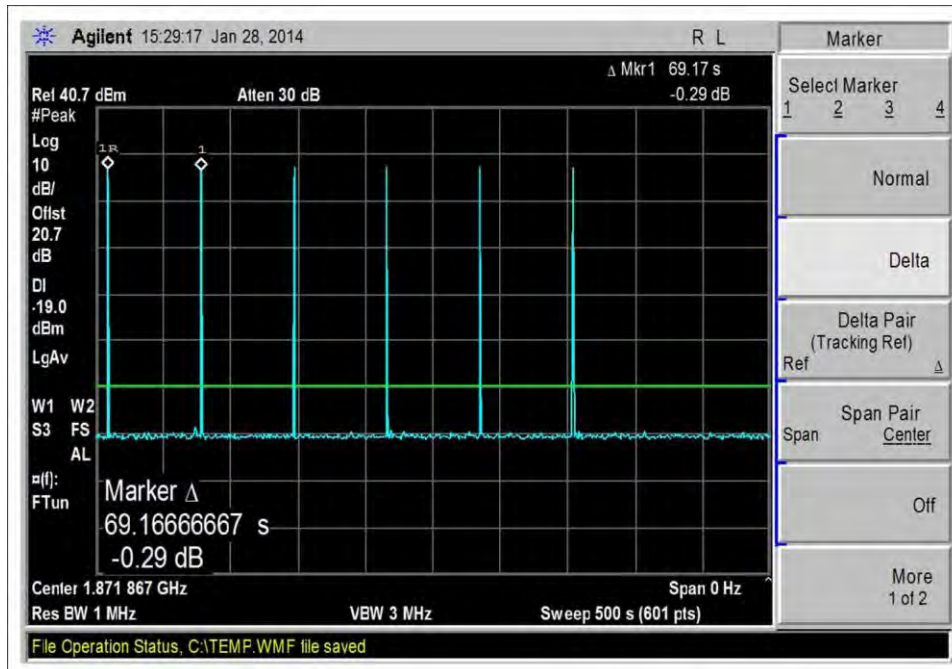
Oscillation Detection_UL_1850-1910MHz



Oscillation Mitigation_UL_698-716MHz



Oscillation Mitigation_UL_824-849MHz



Oscillation Mitigation_UL_1850-1910MHz

Test Setup Photo(s)



Clause 7.13 Spectrum Block Filter

Section 7.13 not applicable because the EUT does not utilize spectrum block filtering.