



**FCC 47 CFR PART 15 SUBPART C
INDUSTRY CANADA RSS-210 ISSUE 8**

CERTIFICATION TEST REPORT

FOR

CELLULAR PHONE WITH BLUETOOTH AND WLAN RADIOS

MODEL NUMBER: A1661, A1786

**FCC ID: BCG-E3087A
IC: 579C-E3087A**

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NVLAP LAB CODE 200065-0

Revision History

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V1	07/27/2016	Initial Issue	Tom Chen
V2	07/29/2016	Addressed TCB Questions	T. Li

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: APPLE
1 INFINITE LOOP
CUPERTINO, CA 95014, U.S.A

EUT DESCRIPTION: CELLULAR PHONE WITH BLUETOOTH AND WLAN RADIOS

MODEL: A1661, A1786

SERIAL NUMBER: C39RV05AHFNN

DATE TESTED: FEBRUARY 19, 2016 –APRIL 01, 2016

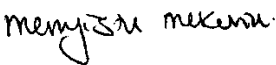
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 15 SUBPART C	Pass
INDUSTRY CANADA RSS-210 Issue 8, Annex 2	Pass
INDUSTRY CANADA RSS-GEN Issue 4	Pass

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Verification Services Inc. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

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EMC ENGINEER
UL Verification Services Inc.

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10-2013, FCC CFR 47 Part 2, FCC CFR 47 Part 15, RSS-GEN Issue 4, and RSS-210 Issue 8.

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 47173 and 47266 Benicia Street, Fremont, California, USA. Line conducted emissions are measured only at the 47173 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

47173 Benicia Street	47266 Benicia Street
☐ Chamber A	☒ Chamber D
☐ Chamber B	☐ Chamber E
☐ Chamber C	☒ Chamber F
	☐ Chamber G
	☐ Chamber H

The above test sites and facilities are covered under FCC Test Firm Registration # 208313. Chambers A through H are covered under Industry Canada company address code 2324B with site numbers 2324B -1 through 2324B-8, respectively

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0. The full scope of accreditation can be viewed at <http://ts.nist.gov/standards/scopes/2000650.htm>.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

$$\begin{aligned}\text{Field Strength (dBuV/m)} &= \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \\ &\text{Cable Loss (dB)} - \text{Preamplifier Gain (dB)} \\ 36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} &= 28.9 \text{ dBuV/m}\end{aligned}$$

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	± 3.52 dB
Radiated Disturbance, 30 to 1000 MHz	± 4.94 dB
Radiated Disturbance, 1 to 6 GHz	± 3.86 dB
Radiated Disturbance, 6 to 18 GHz	± 4.23 dB
Radiated Disturbance, 18 to 26 GHz	± 5.30 dB
Radiated Disturbance, 26 to 40 GHz	± 5.23 dB

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT, Model A1661, A1786 is a mobile phone with multimedia functions (music, application support, and video), cellular GSM/GPRS/EGPRS/WCDMA/HSPA+/DC-HSDPA/CDMA/EVDO/LTE-radio, IEEE 802.11a/b/g/n/ac, NFC and Bluetooth radio. The rechargeable battery is not user accessible
CE mode is NFC Card Emulation Mode

5.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum peak radiated magnetic field strength as follows:

Frequency Range (MHz)	Mode	Type	E Field at 30m distance (dBuV/m)
13.56	CE	A	22.86
		B	22.60
		F	22.52
13.56	Reader	A	23.10
		B	23.11
		F	22.71

5.3. SOFTWARE AND FIRMWARE

The test utility software used during testing was 1.24.

5.4. WORST-CASE CONFIGURATION AND MODE

The fundamental of the EUT was investigated under three orthogonal orientations X (Flatbed), Y (Landscape), and Z (Portrait). The Y (Landscape) orientation was determined to be the worst-case orientation.

The worst case position of the EUT was investigated under two configurations: EUT with power supply, EUT with earphones. The EUT with power supply configuration was determined to be worst-case configurations; therefore, all final tests were performed on the EUT with power supply.

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open are test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 937606.

5.5. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Laptop	Apple	Mac Book Pro	W801200UD94	n/a
Laptop AC/DC Adapter	Apple	85W MagSafe Power adapter	A122	n/a
EUT AC/DC Adapter	Apple	A1385	D292365B2FQDHLHC7	n/a

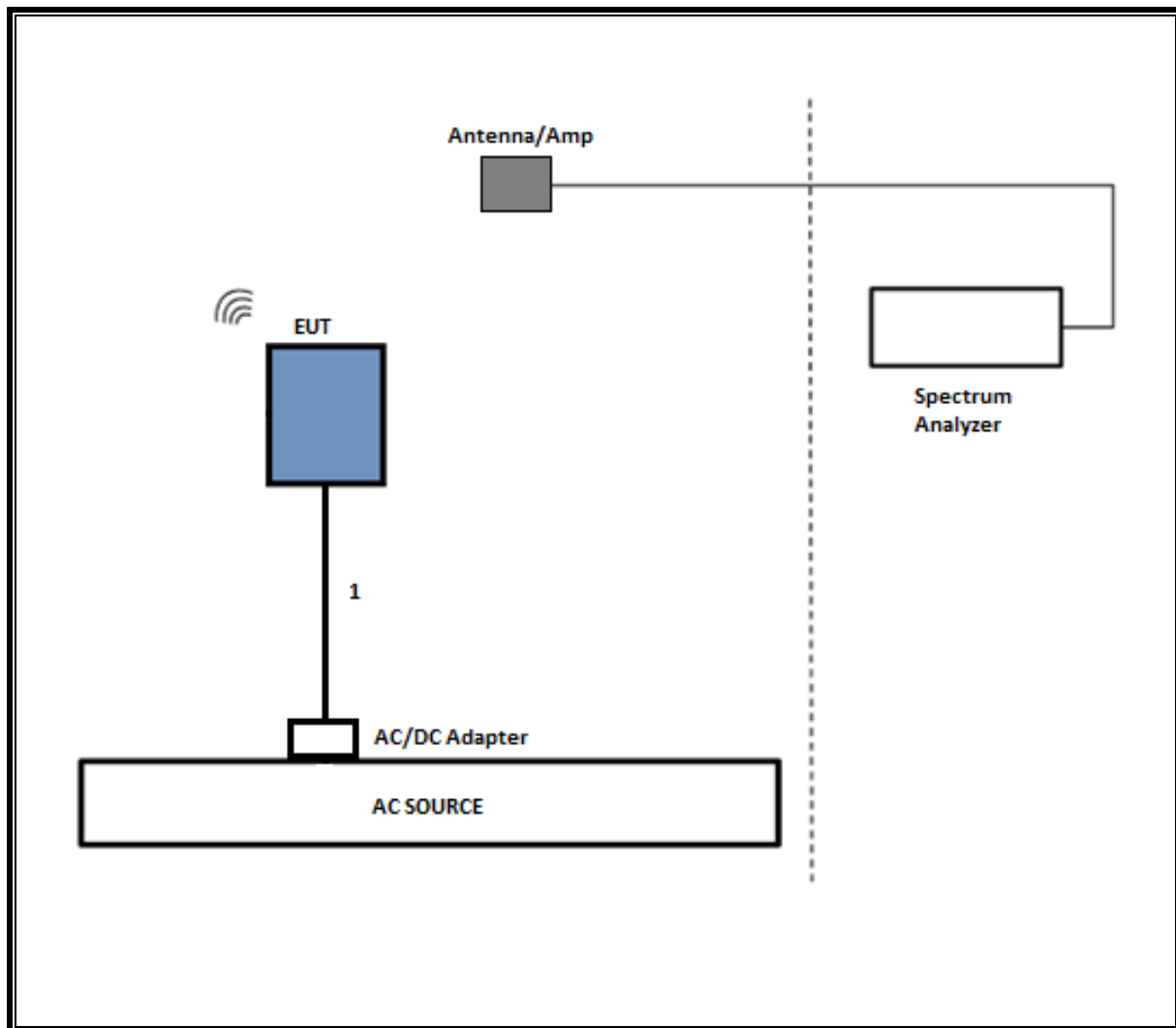
I/O CABLES

I/O Cable List						
Cable No	Port	# of identical ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	USB	1	lightning	Un-shielded	1	n/a
2	DC	2	Alligator	18 AWG strand	1	Insulated cable

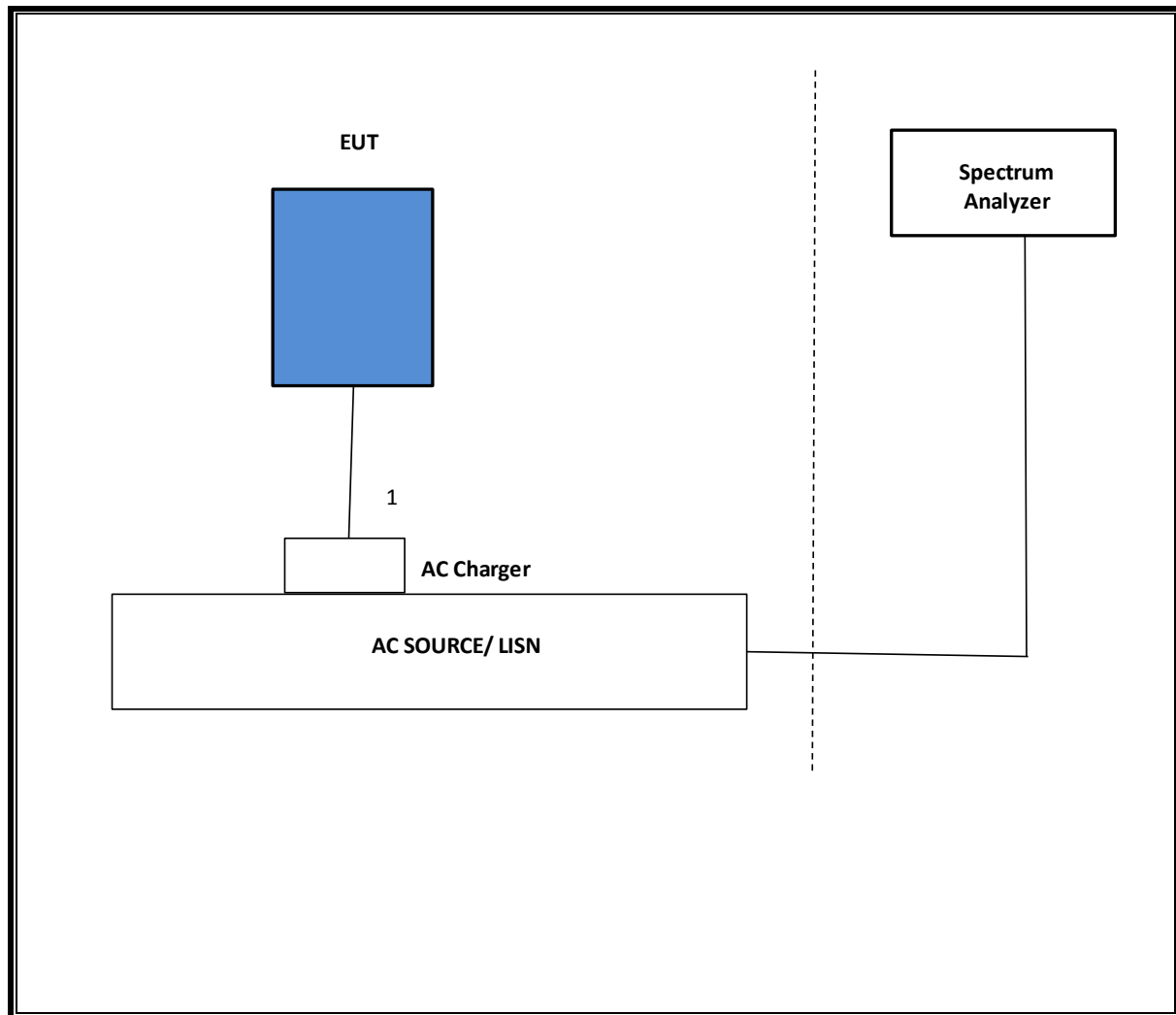
TEST SETUP

The EUT is installed in a host laptop computer during the tests. Test software exercised the radio card.

SETUP DIAGRAM FOR RADIATED TESTS



SETUP DIAGRAM FOR AC LINE CONDUCTED TESTS



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Test Equipment List				
Description	Manufacturer	Model	T No.	Cal Due
Spectrum Analyzer	Agilent	N9030A	906	06/11/16
Antenna, Broadband Hybrid	Sunol Sciences	JB3	408	10/28/16
Amplifier, 10KHz to 1GHz, 32dB	Sonoma	310N	835	06/09/16
Spectrum Analyzer, PXA, 3Hz to 44GHz	Agilent	N9030A	906	06/11/16
Antenna, Loop, 30 MHz	ETS Lindgren	6502	757	05/21/16
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	754	09/21/16
Spectrum Analyzer, PXA, 3Hz to 44GHz	Agilent	N9030A	1222	12/17/16
EMI Test Receiver, 9 kHz-7 GHz	R & S	ESCI 7	212	08/07/16
LISN for Conducted Emissions CISPR-16	FCC	LISN-50/250-25-2	24	01/16/17
Line conducted Power cable ANSI 63.4	UL	PG1	861	07/28/16
UL SOFTWARE				
*Radiated Software	UL	UL EMC	Fundamental mask, 5/7/15	
*Conducted Software	UL	UL EMC	Ver 2.2, March 31, 2015	
*Radiated Software	UL	UL EMC	Below 30Mhz, 6/24/15	
*Radiated Software	UL	UL EMC	Below 1Ghz, 7/15/14	
*AC Line Conducted Software	UL	UL EMC	Ver 9.5, April 3, 2015	

7. OCCUPIED BANDWIDTH

LIMITS

None; for reporting purposes only.

TEST PROCEDURE

The transmitter output is connected to the spectrum analyzer. The RBW is set to 10 kHz. The VBW is set to 3 times the RBW. The sweep time is coupled. The spectrum analyzer internal 99% bandwidth function is utilized.

RESULTS

ID:	42497	Date:	3/15/16
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99% and 20dB BW

CE MODE

Moduation	Frequency (MHz)	Data Rate (Kbps)	99% Bandwidth (KHz)	20dB BW (KHz)
Type A	13.56	848	21.428	28.72
		424	21.755	28.49
		212	21.871	29.17
		106	21.815	28.62

Moduation	Frequency (MHz)	Data Rate (Kbps)	99% Bandwidth (KHz)	20dB BW (KHz)
Type B	13.56	848	21.354	28.75
		424	22.481	30.07
		212	21.392	29.57
		106	21.723	28.44

Moduation	Frequency (MHz)	Data Rate (Kbps)	99% Bandwidth (KHz)	20 dB BW (KHz)
Type F	13.56	424	21.468	28.73
		212	21.287	28.82

READER MODE

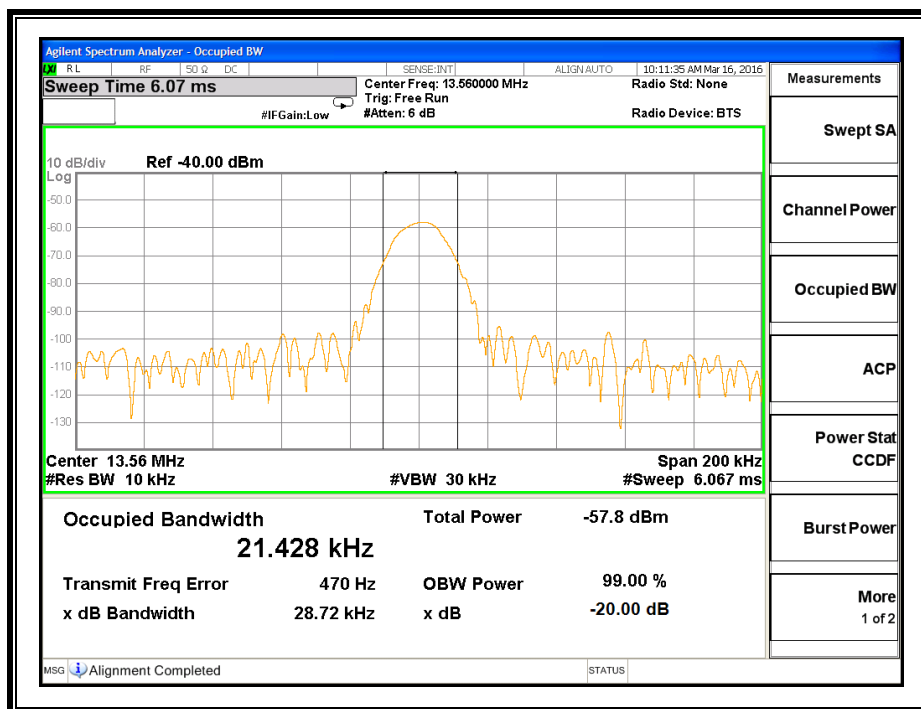
Moduation	Frequency (MHz)	Data Rate (Kbps)	99% Bandwidth (KHz)	20dB BW (KHz)
Type A	13.56	848	21.639	28.66
		424	21.672	29.26
		212	22.470	29.35
		106	23.345	29.09

Moduation	Frequency (MHz)	Data Rate (Kbps)	99% Bandwidth (KHz)	20dB BW (KHz)
Type B	13.56	848	22.259	29.79
		424	22.481	34.59
		212	23.242	31.60
		106	23.671	35.59

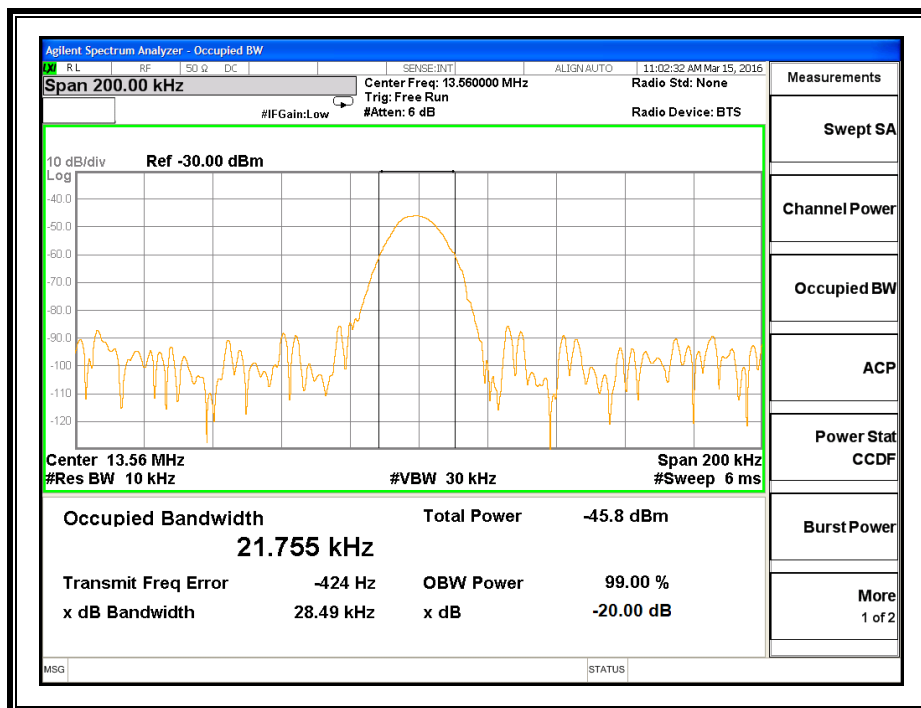
Moduation	Frequency (MHz)	Data Rate (Kbps)	99% Bandwidth (KHz)	20dB BW (KHz)
Type F	13.56	424	21.970	28.61
		212	21.287	28.82

CE MODE Type A

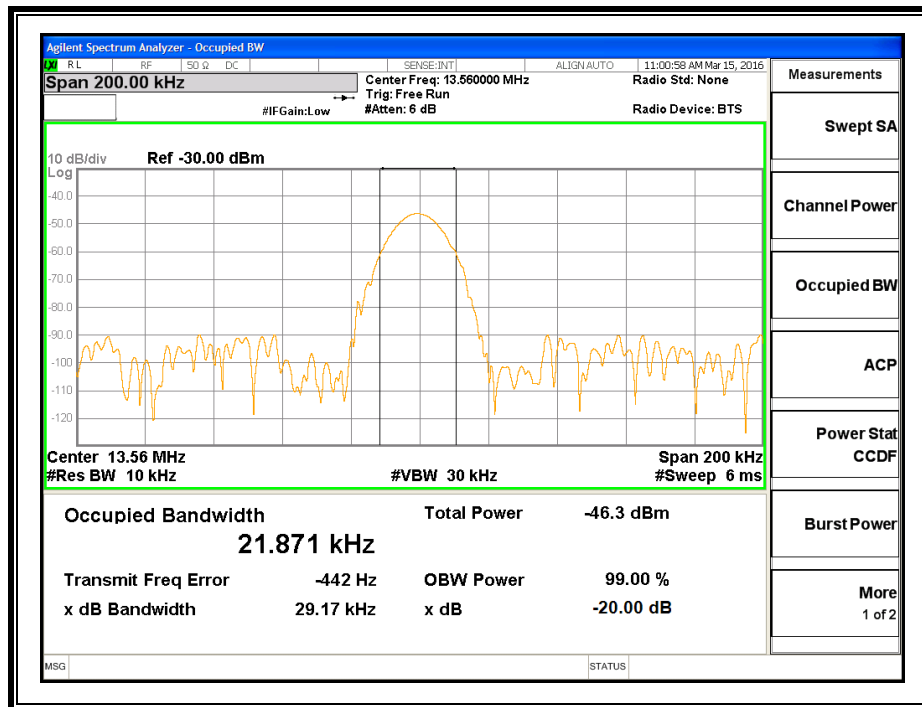
848Kbps



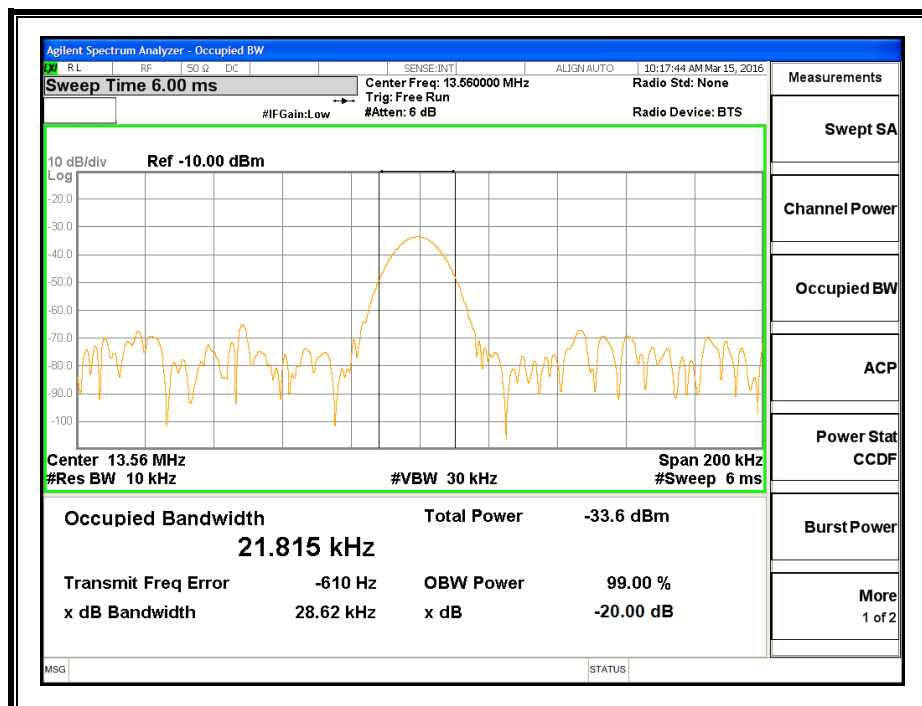
424Kbps



212Kbps

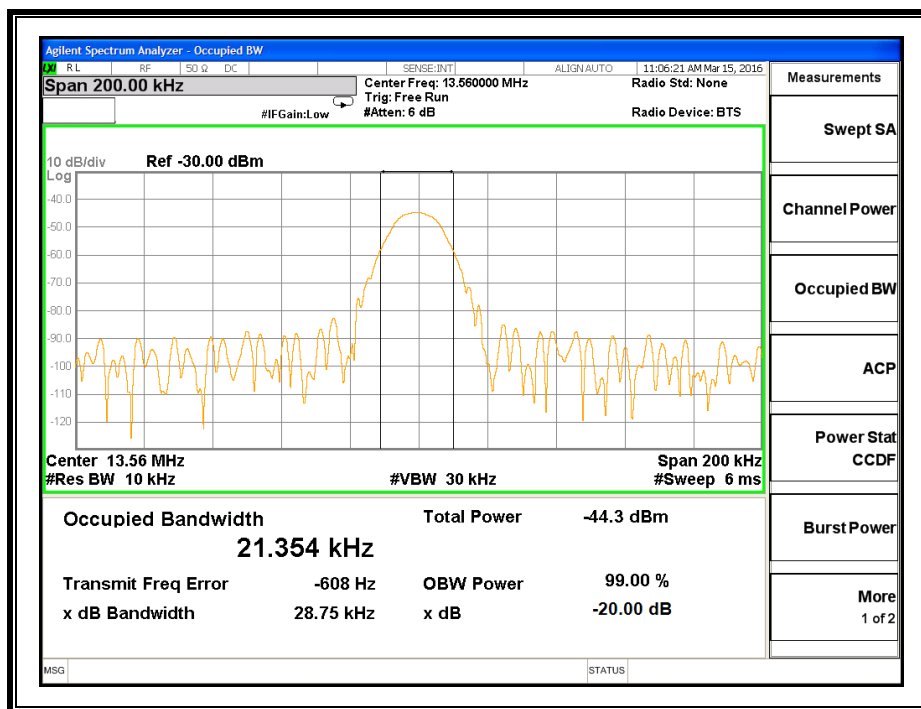


106Kbps

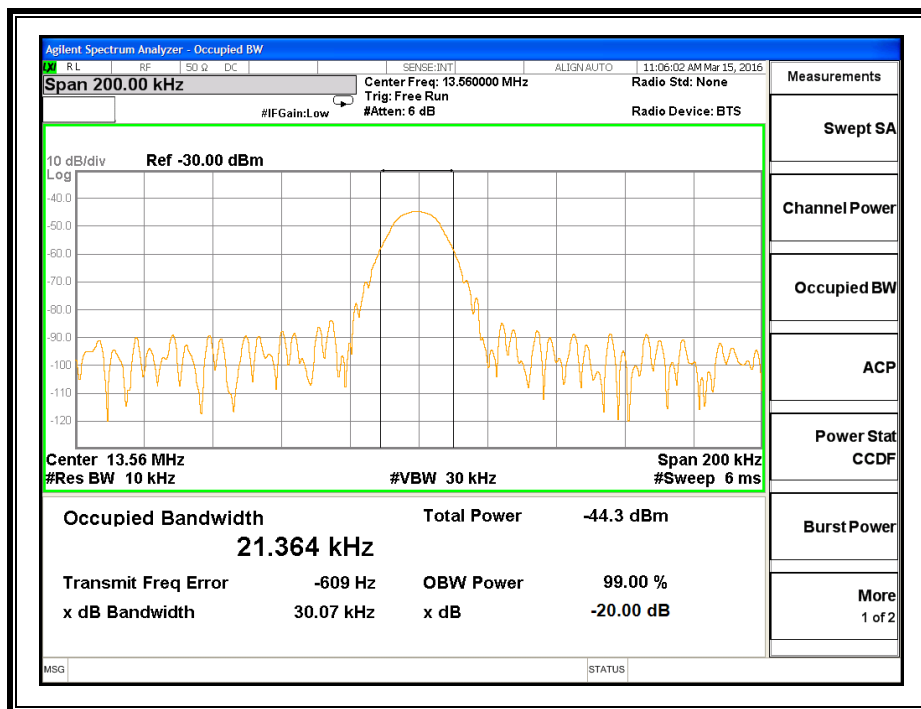


Type B

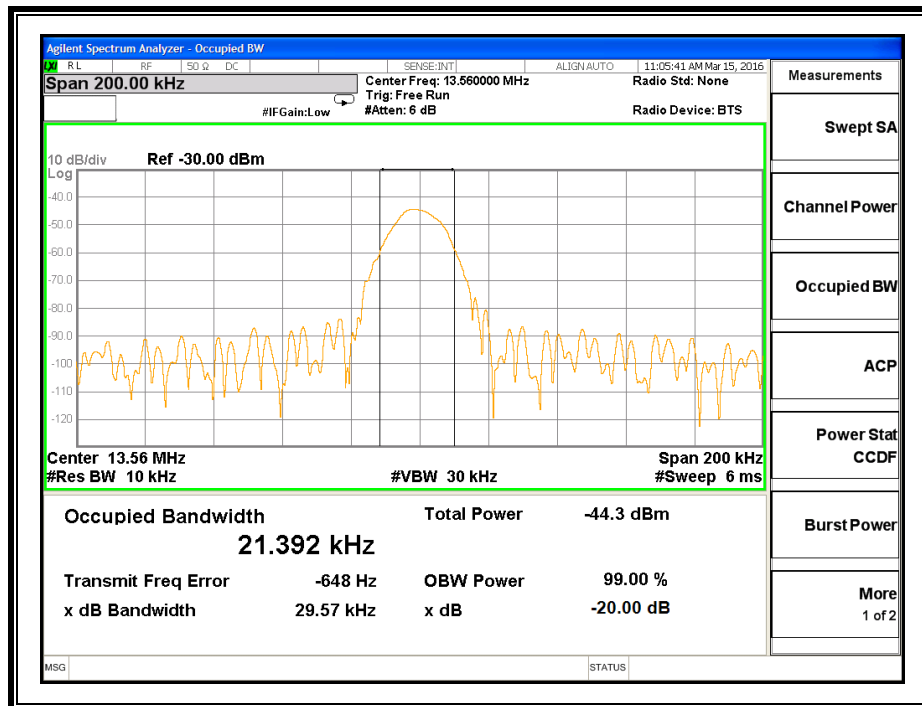
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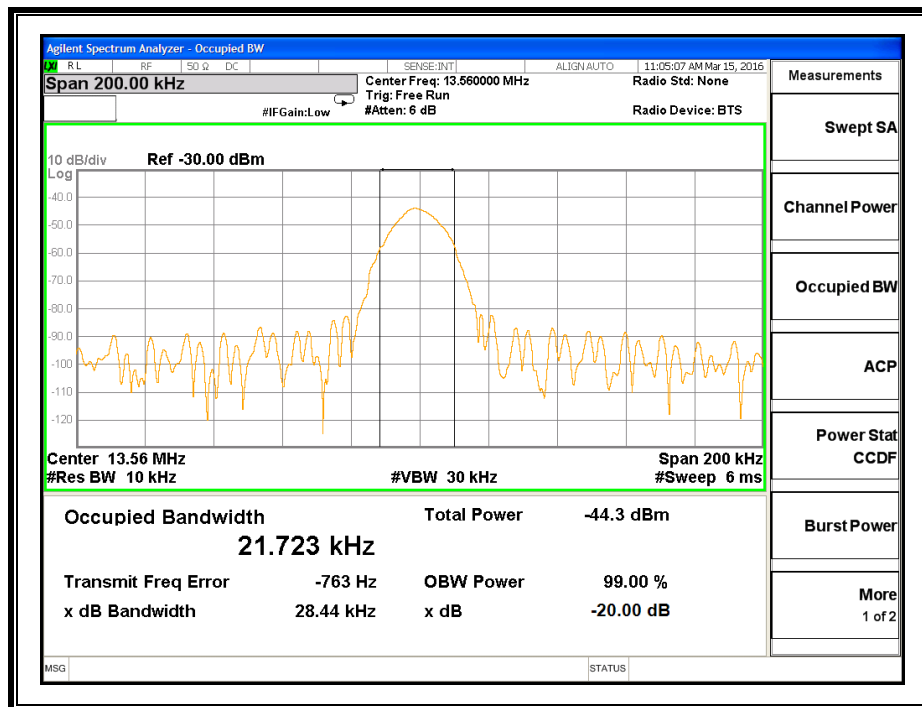
424Kbps



212Kbps

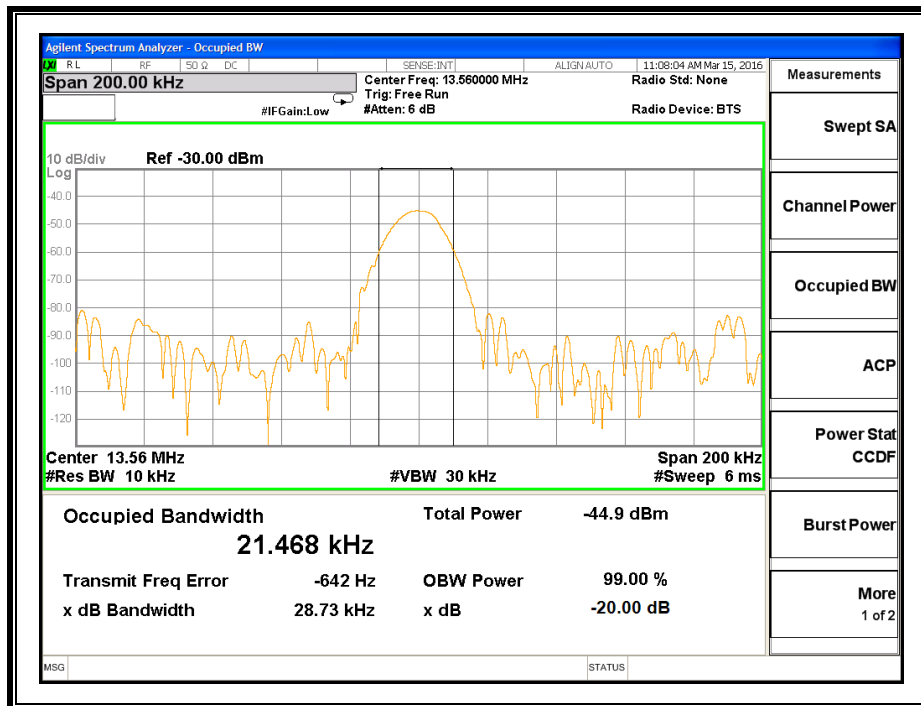


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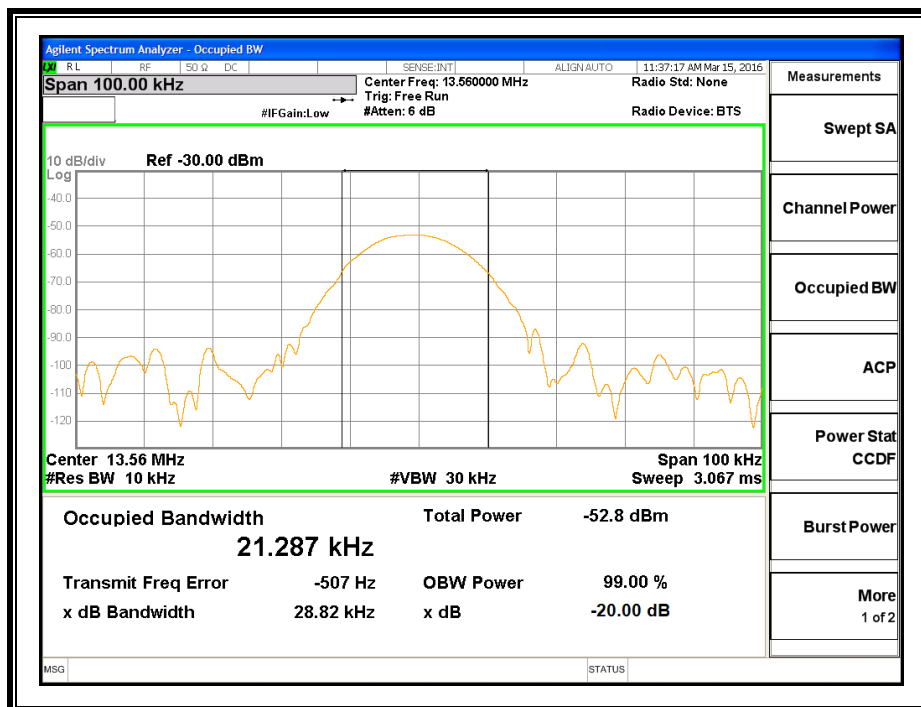


TYPE F

424Kbps

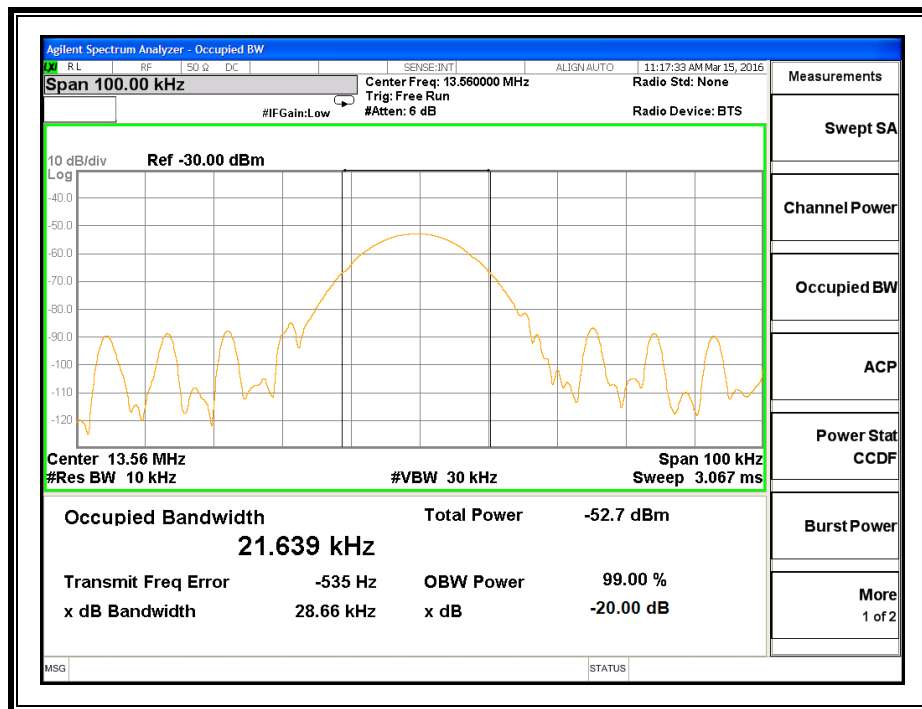


212Kbps

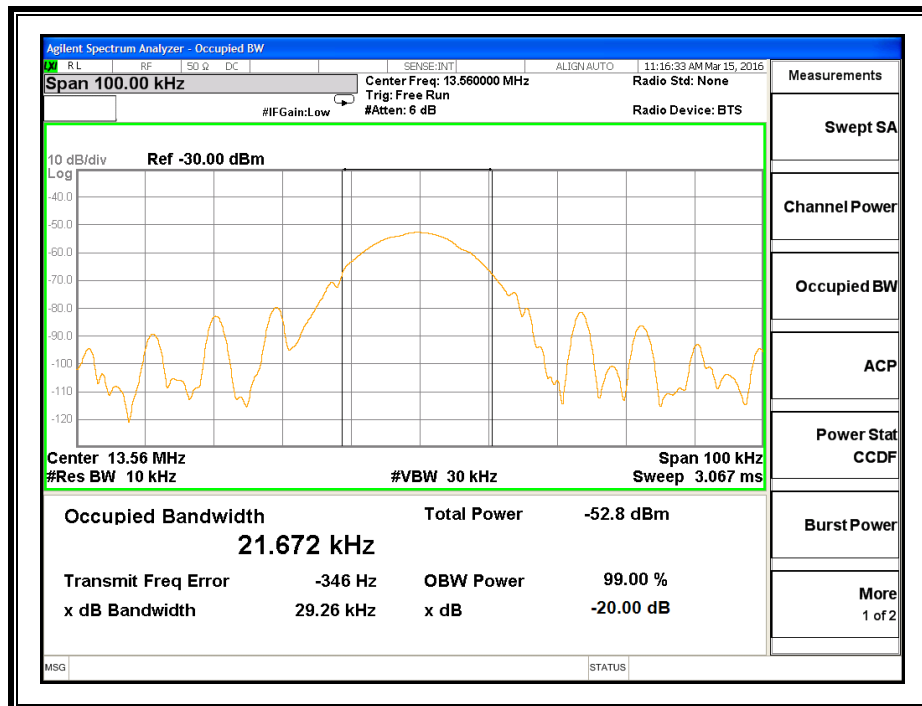


READER MODE Type A

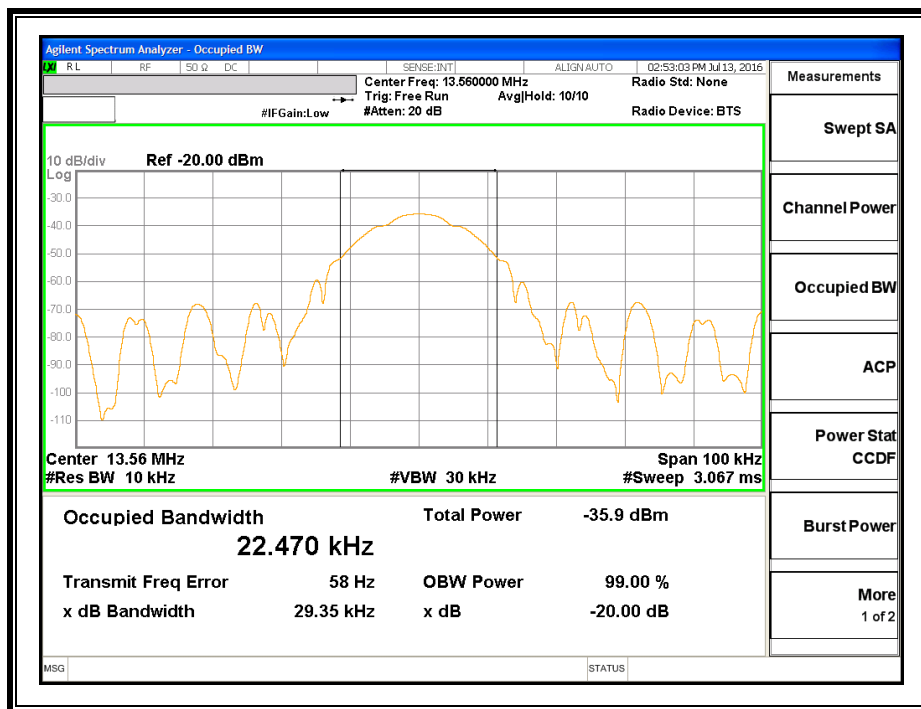
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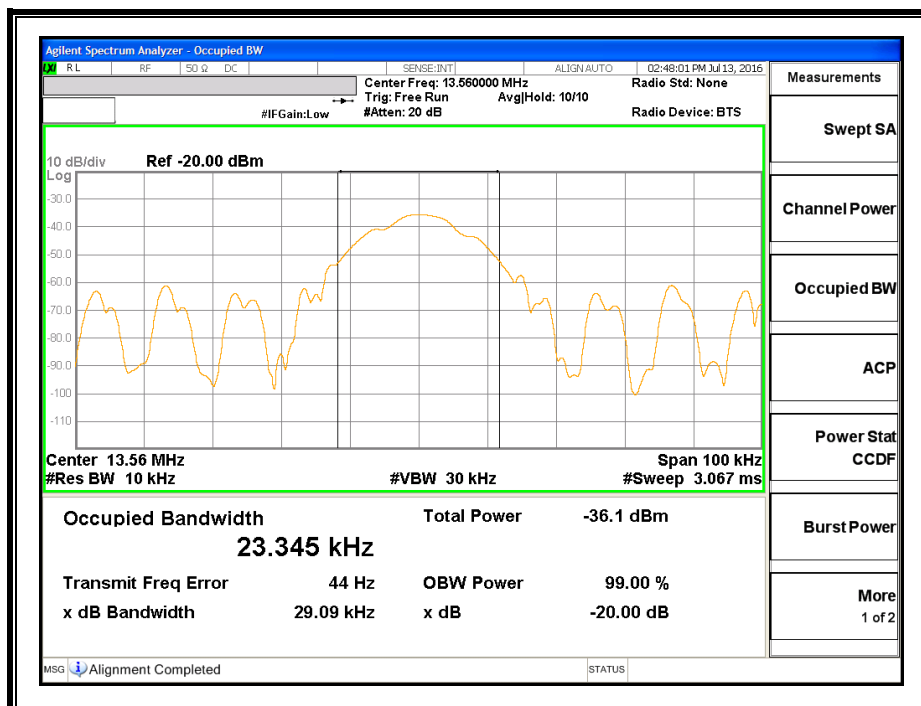
424Kbps



212Kbps

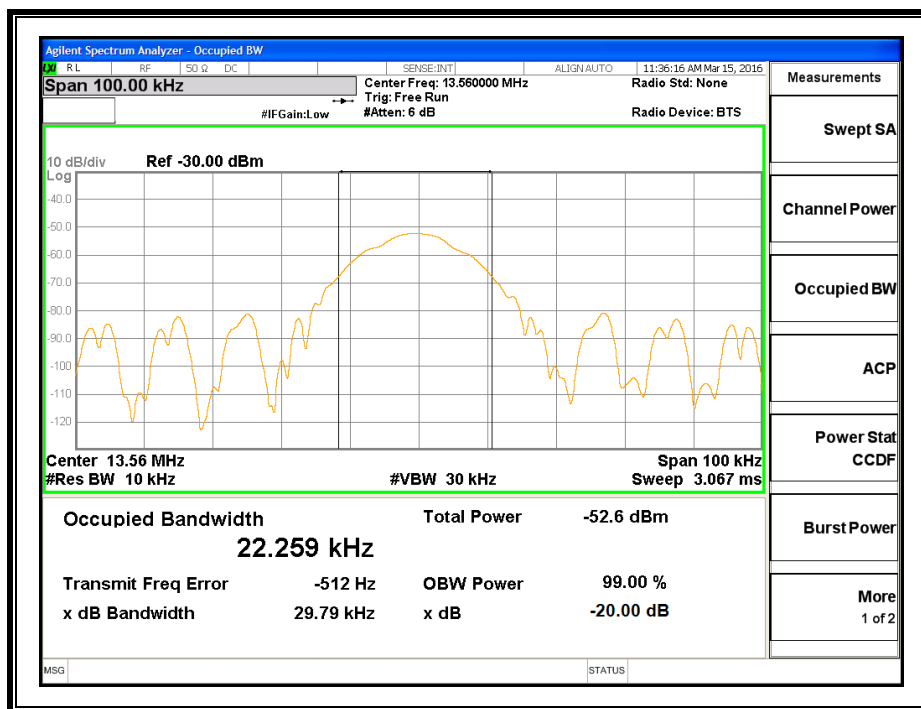


106Kbps

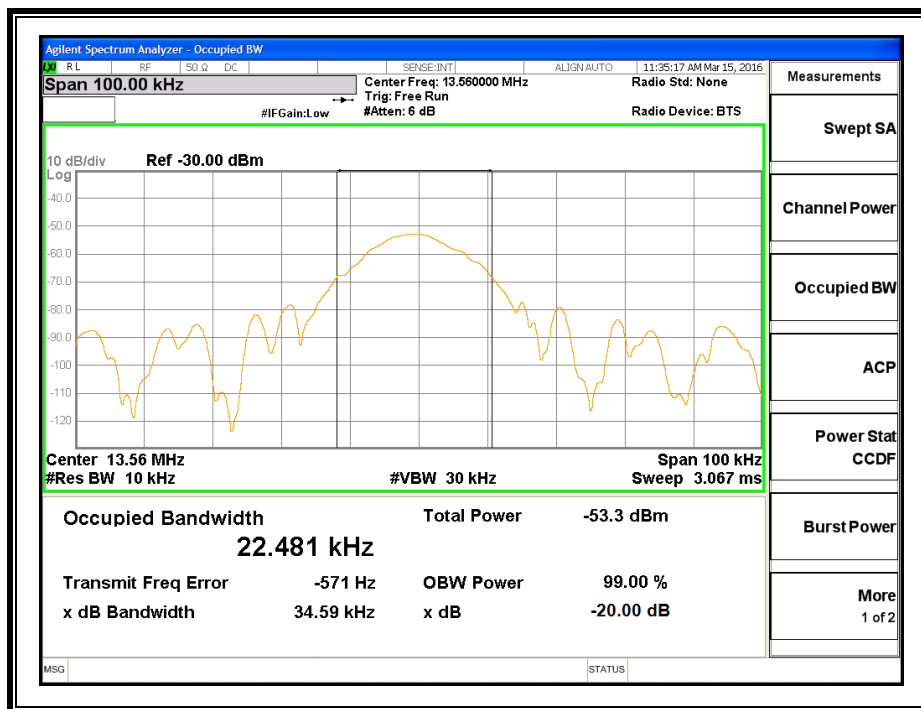


Type B

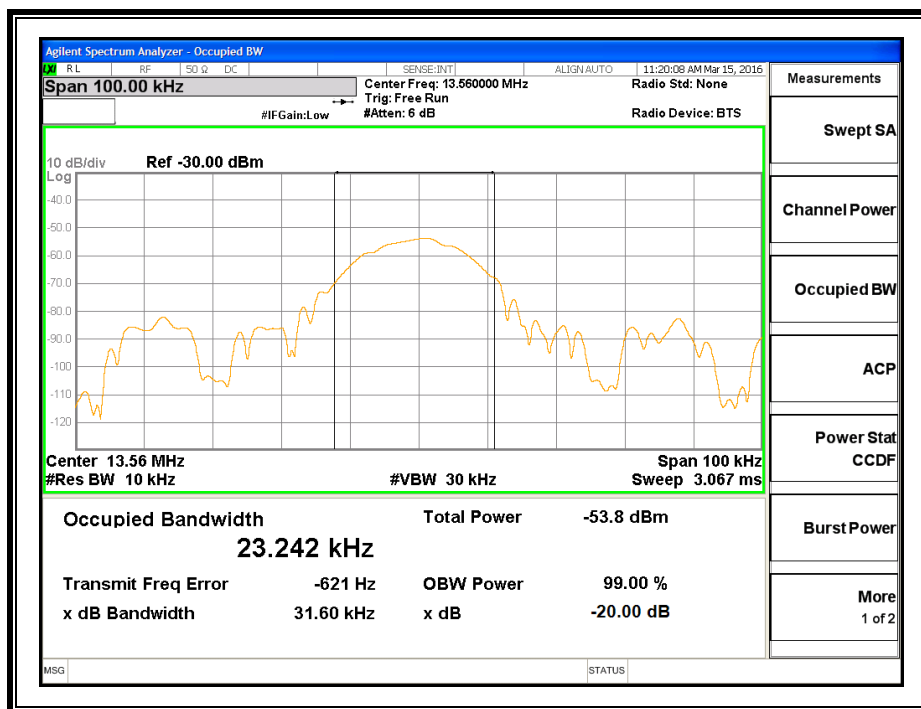
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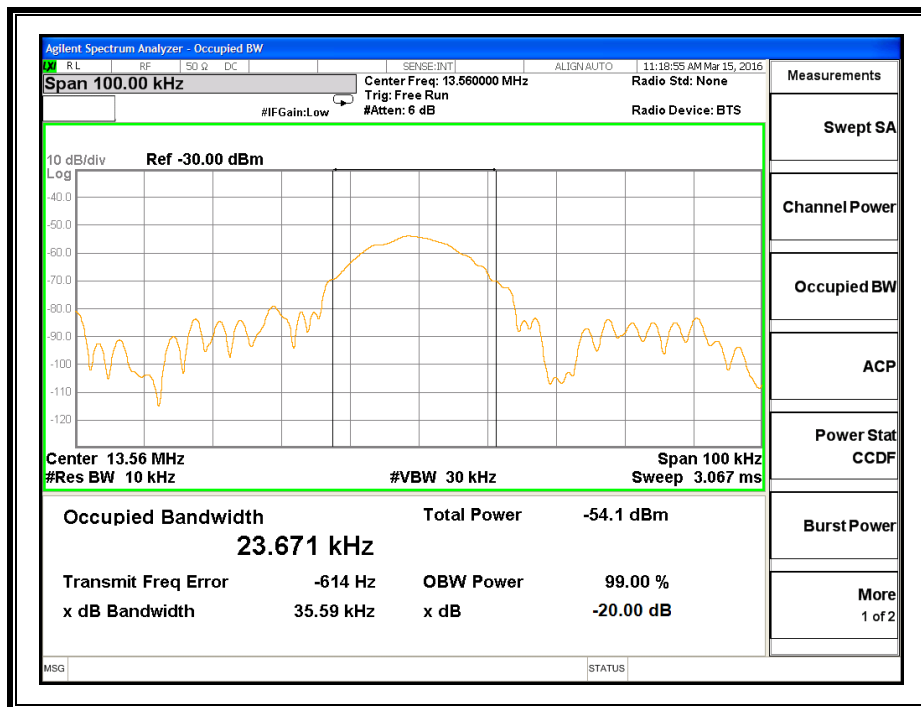
424Kbps



212Kbps

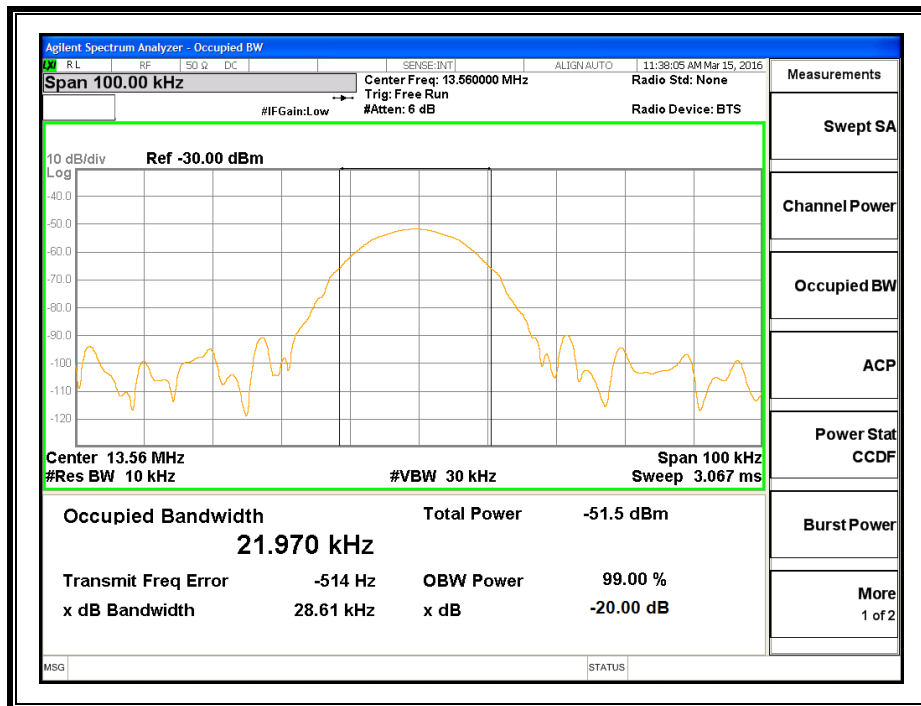


106Kbps

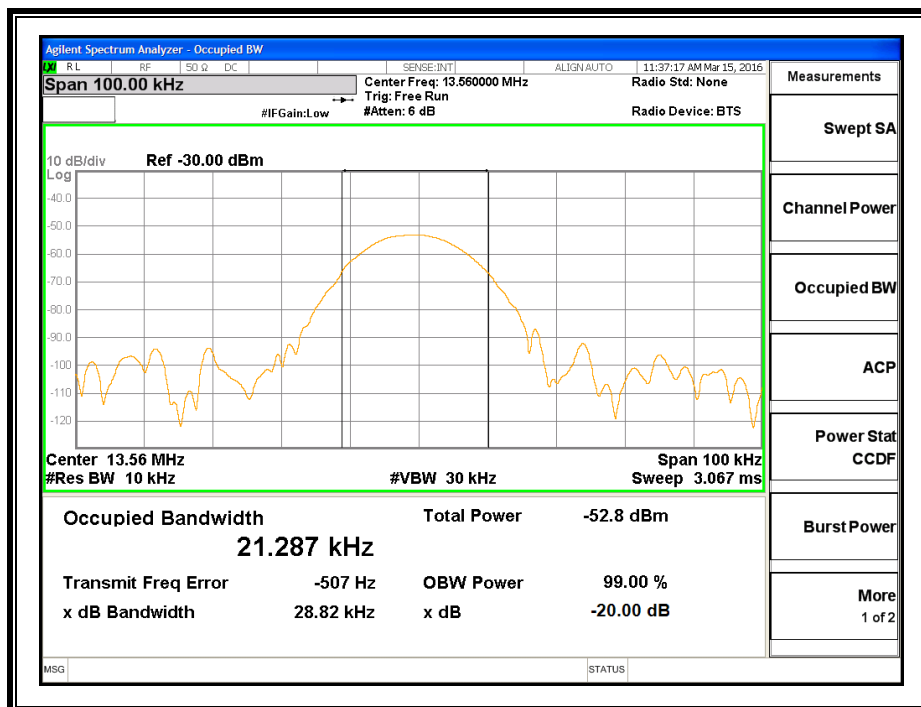


TYPE F

424Kbps



212Kbps



8. RADIATED EMISSION TEST RESULTS

8.1. LIMITS AND PROCEDURE

LIMIT

§15.225

IC RSS-210, A2.6

IC RSS-GEN, Section 8.9 (Transmitter)

IC RSS-GEN, Section 7.1.2 (Receiver)

(a) The field strength of any emissions within the band 13.553–13.567 MHz shall not exceed 15,848 microvolts/ meter at 30 meters.

(b) Within the bands 13.410–13.553 MHz and 13.567–13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.

(c) Within the bands 13.110–13.410 MHz and 13.710–14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.

(d) The field strength of any emissions appearing outside of the 13.110– 14.010 MHz and shall not exceed the general radiated emission limits in § 15.209 as follows:

§15.209 (a) Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Limits for radiated disturbance of an intentional radiator		
Frequency range (MHz)	Limits (µV/m)	Measurement Distance (m)
0.009 – 0.490	2400 / F (kHz)	300
0.490 – 1.705	24000 / F (kHz)	30
1.705 – 30.0	30	30
30 – 88	100**	3
88 - 216	150**	3
216 – 960	200**	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g. §§ 15.231 and 15.241.

§15.209 (b) In the emission table above, the tighter limit applies at the band edges.

Formula for converting the field strength from uV/m to dBuV/m is:

Limit (dBuV/m) = 20 log limit (uV/m)

In addition:

§15.209 (d) The emission limits shown the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emissions limits in these three bands are based on measurements employing an average detector.

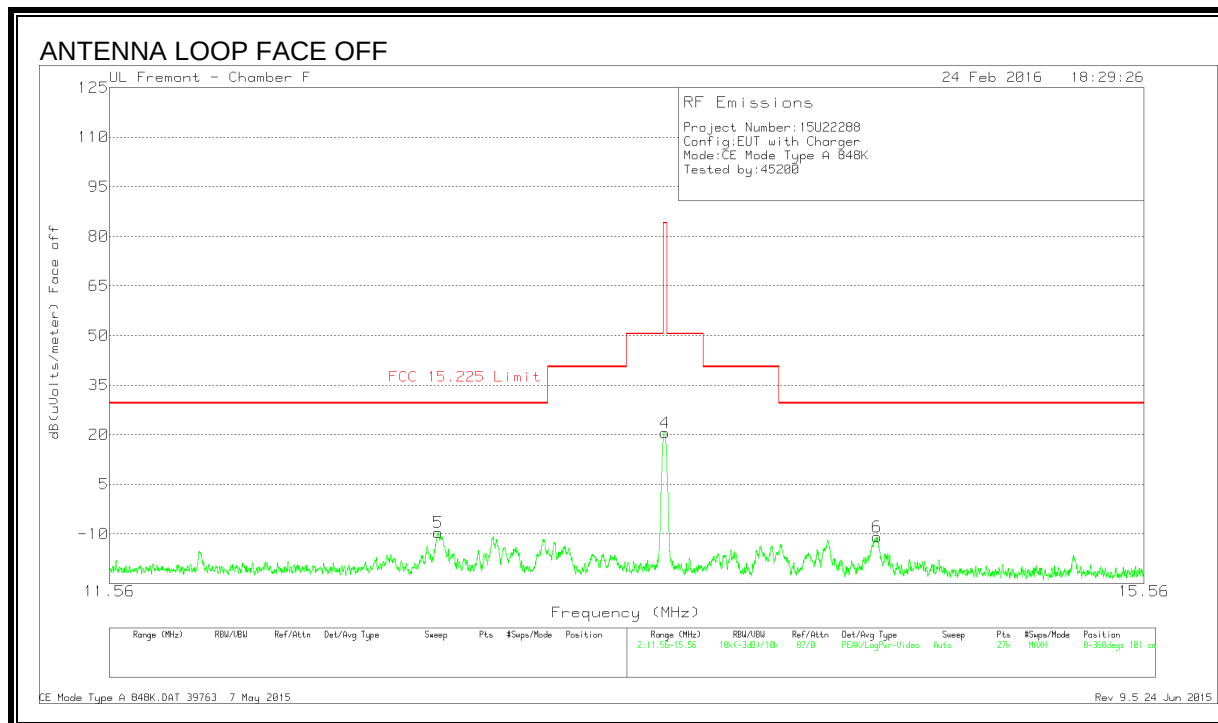
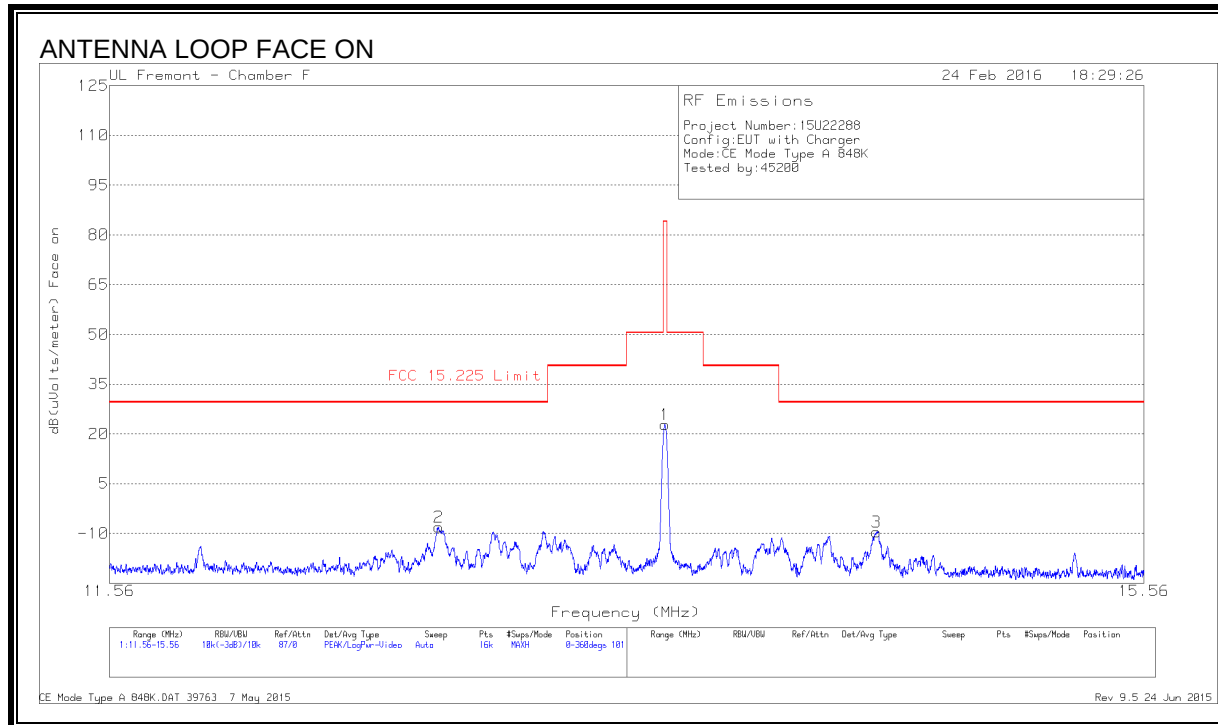
§15.209 (d) The provisions in §§ 15.225, measuring emissions at distances other than the distances specified in the above table, determining the frequency range over which radiated emissions are to be measured, and limiting peak emissions apply to all devices operated under this part.

RESULTS

8.2. FUNDAMENTAL AND SPURIOUS EMISSIONS (0.15 – 30 MHz)

8.2.1. CE MODE

FUNDAMENTAL Type A 848Kbps

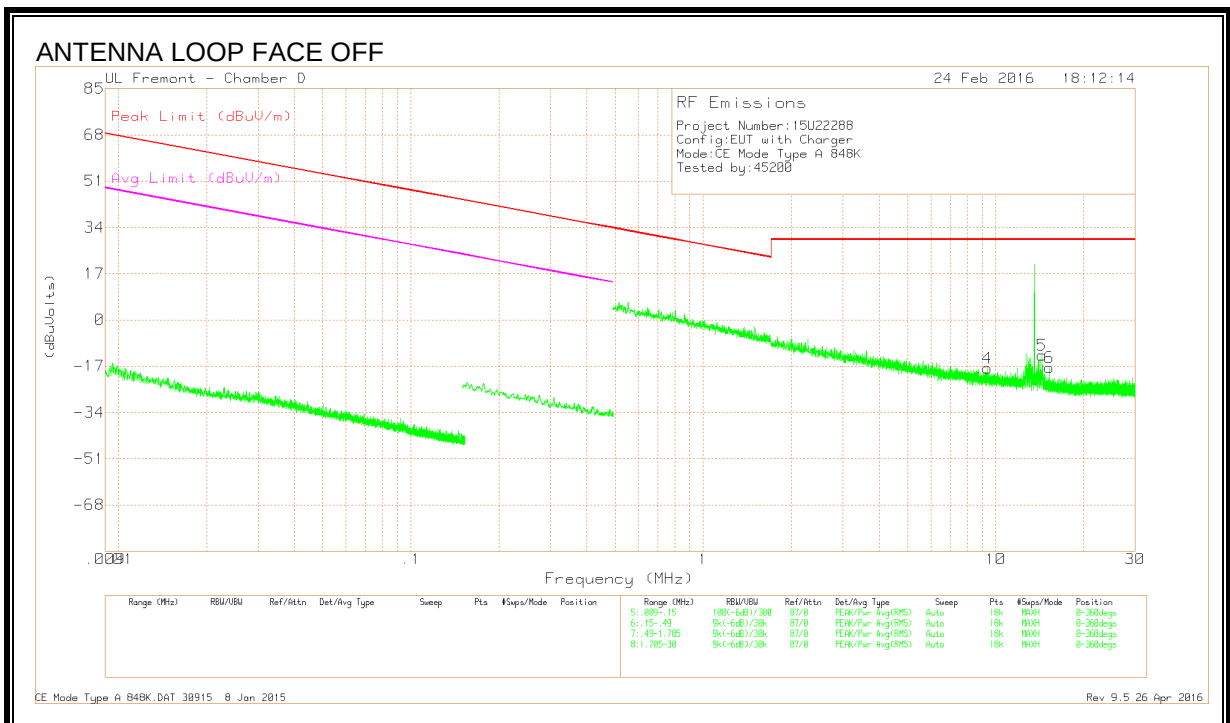
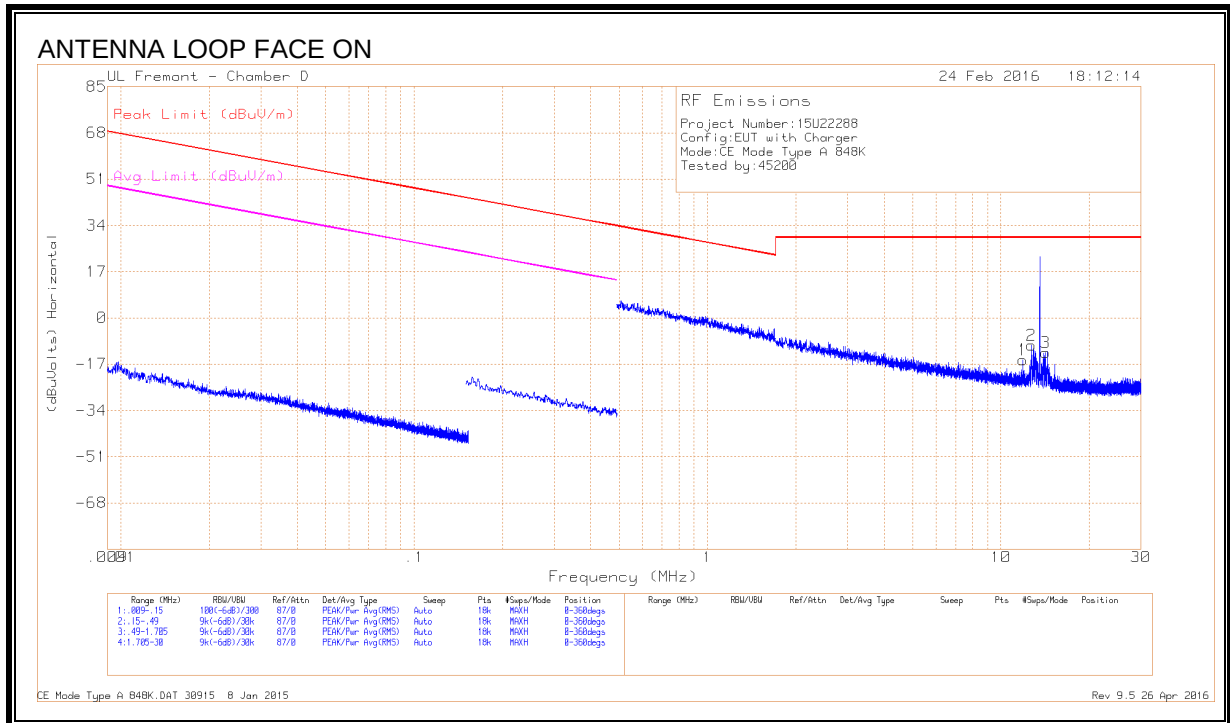


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degr)
1	13.55925	52.01	Pk	10.4	.4	-40	22.81	84	-61.19	0-360
2	12.70663	21.13	Pk	10.4	.4	-40	-8.07	29.54	-37.61	0-360
3	14.40888	19.65	Pk	10.3	.4	-40	-9.65	29.54	-39.19	0-360
4	13.55963	49.8	Pk	10.4	.4	-40	20.6	84	-63.4	0-360
5	12.70493	19.53	Pk	10.4	.4	-40	-9.67	29.54	-39.21	0-360
6	14.41263	18.47	Pk	10.3	.4	-40	-10.83	29.54	-40.37	0-360

Pk - Peak detector

SPURIOUS EMISSION Type A 848Kbps

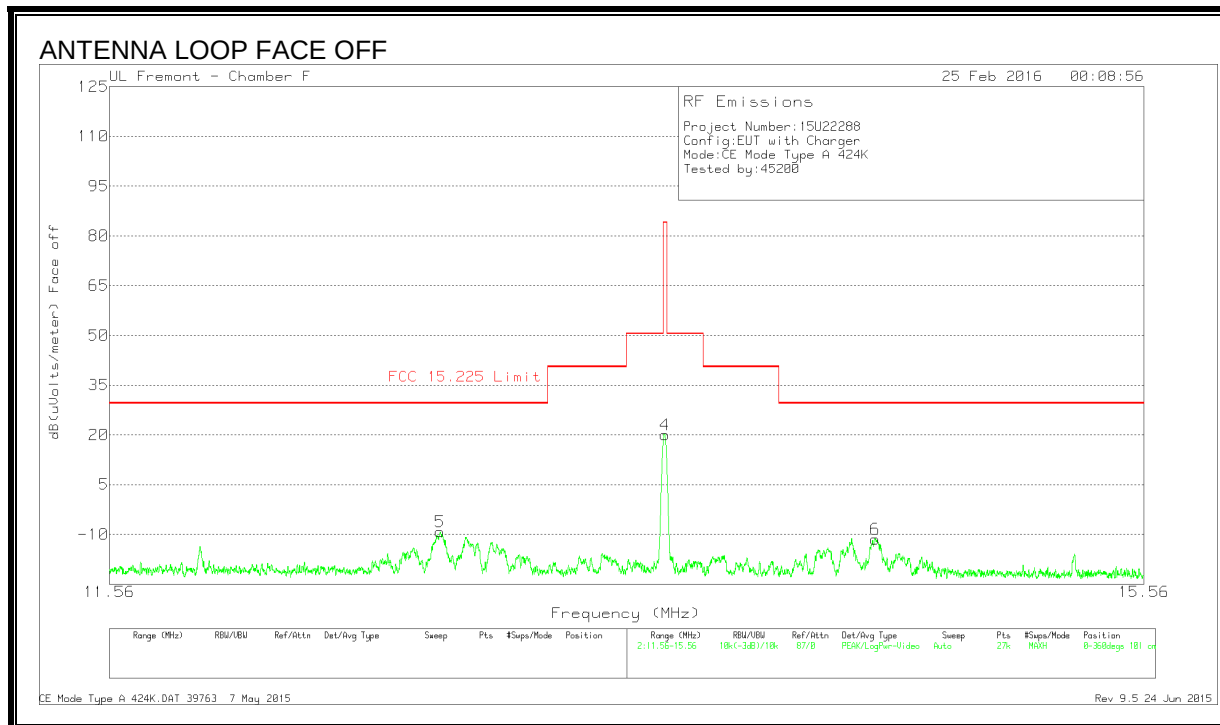
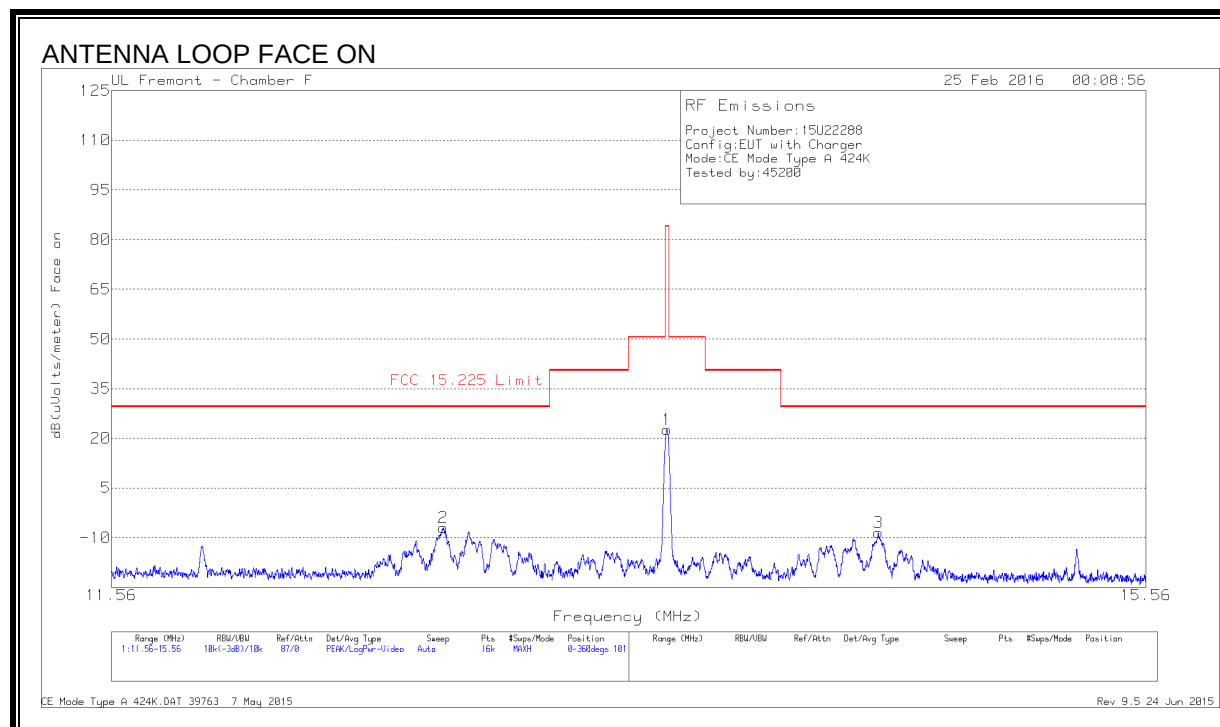


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
4	9.38894	11.5	Pk	10.4	.3	-40	-17.8	29.54	-47.34	-	-	0-360
1	11.86641	13.84	Pk	10.4	.4	-40	-15.36	29.54	-44.9	-	-	0-360
2	12.709	19.06	Pk	10.4	.4	-40	-10.14	29.54	-39.68	-	-	0-360
3	14.2134	16.58	Pk	10.3	.4	-40	-12.72	29.54	-42.26	-	-	0-360
5	14.41148	16.24	Pk	10.3	.4	-40	-13.06	29.54	-42.6	-	-	0-360
6	15.25564	11.73	Pk	10.3	.4	-40	-17.57	29.54	-47.11	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type A 424Kbps

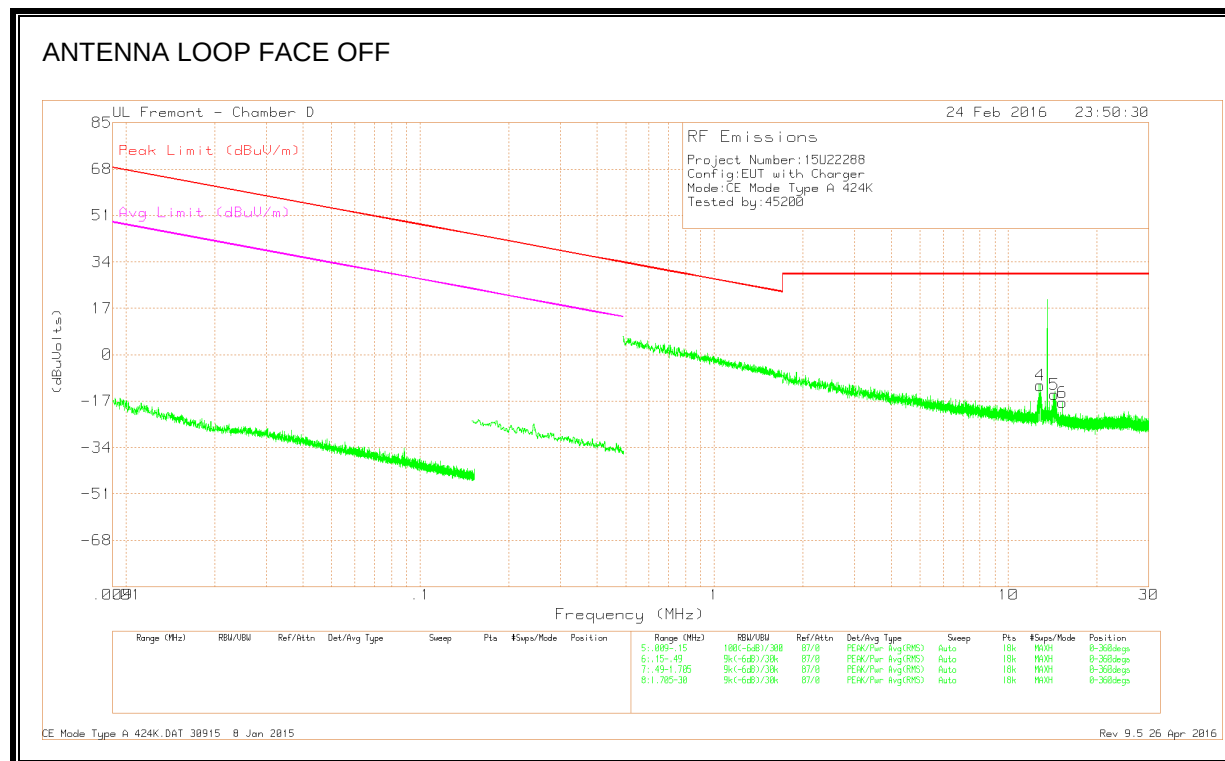
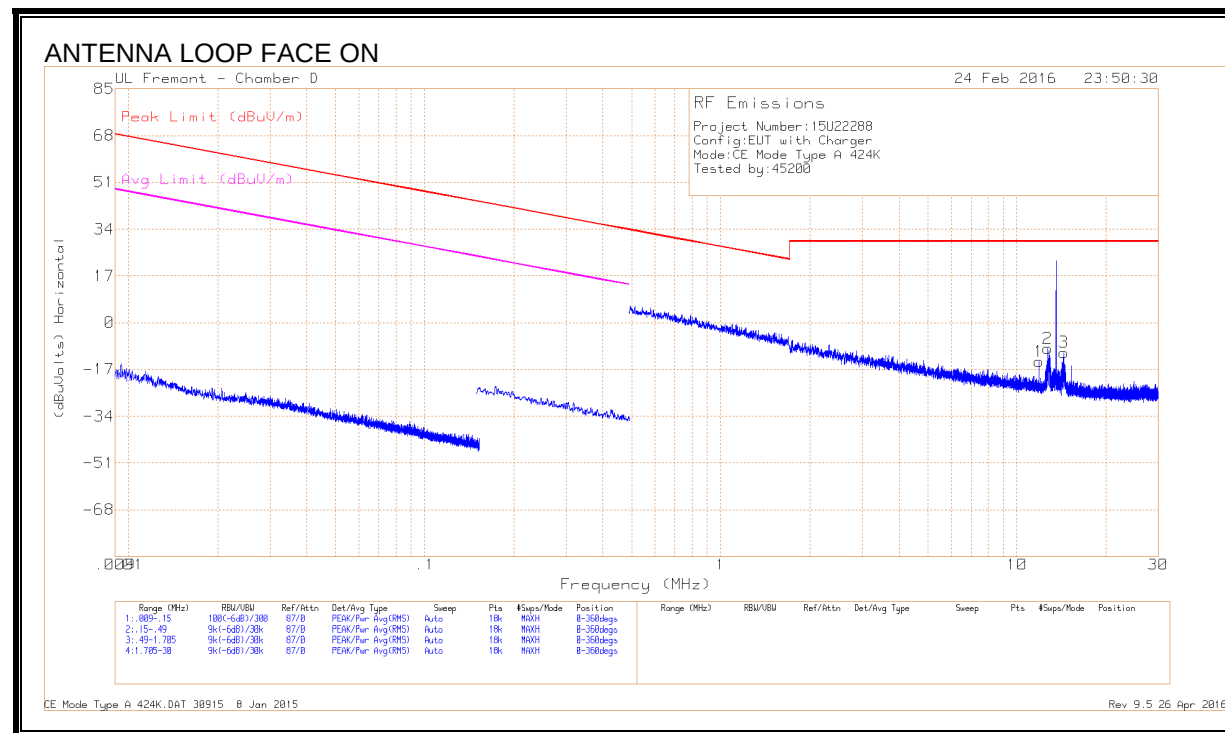


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degr)
1	13.55963	51.78	Pk	10.4	.4	-40	22.58	84	-61.42	0-360
2	12.71688	22.13	Pk	10.4	.4	-40	-7.07	29.54	-36.61	0-360
3	14.4085	20.75	Pk	10.3	.4	-40	-8.55	29.54	-38.09	0-360
4	13.55963	49.26	Pk	10.4	.4	-40	20.06	84	-63.94	0-360
5	12.71159	20.02	Pk	10.4	.4	-40	-9.18	29.54	-38.72	0-360
6	14.4053	17.9	Pk	10.3	.4	-40	-11.4	29.54	-40.94	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type A 424Kbps

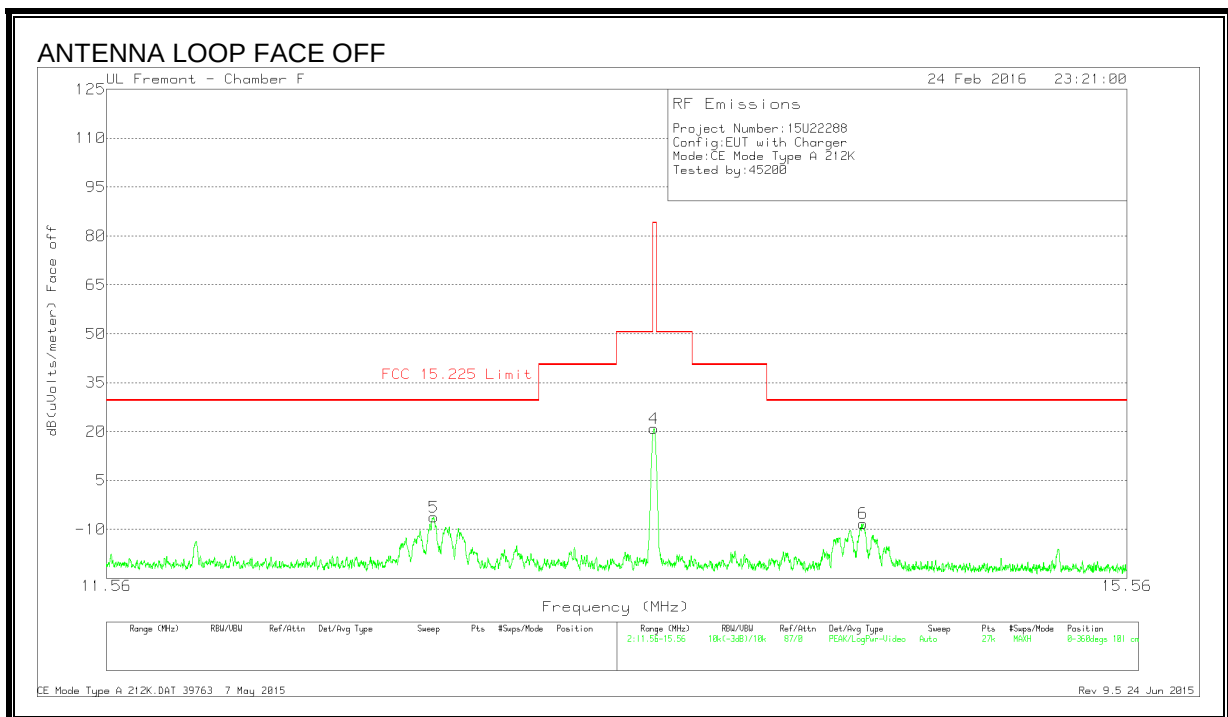
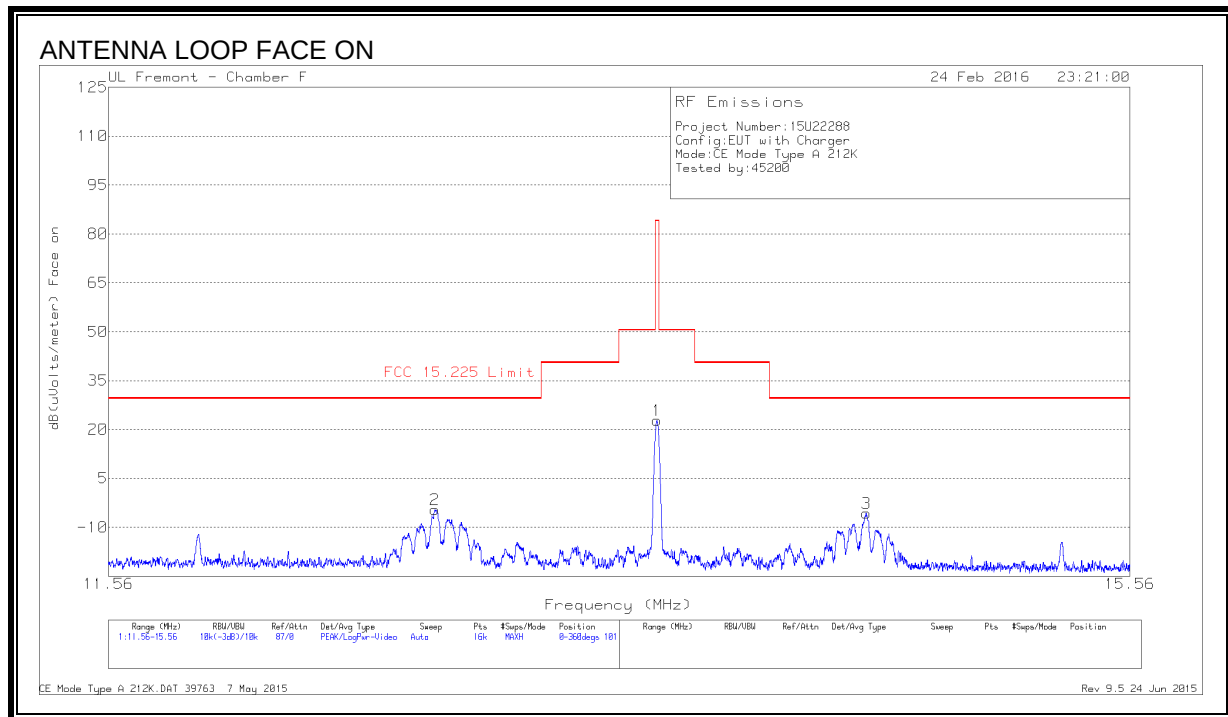


Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	11.86484	15.02	Pk	10.4	.4	-40	-14.18	29.54	-43.72	-	-	0-360
2	12.71372	19.89	Pk	10.4	.4	-40	-9.31	29.54	-38.85	-	-	0-360
4	12.80646	17.92	Pk	10.4	.4	-40	-11.28	29.54	-40.82	-	-	0-360
5	14.31244	14.65	Pk	10.3	.4	-40	-14.65	29.54	-44.19	-	-	0-360
3	14.40833	18.47	Pk	10.3	.4	-40	-10.83	29.54	-40.37	-	-	0-360
6	15.25564	11.87	Pk	10.3	.4	-40	-17.43	29.54	-46.97	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type A 212Kbps

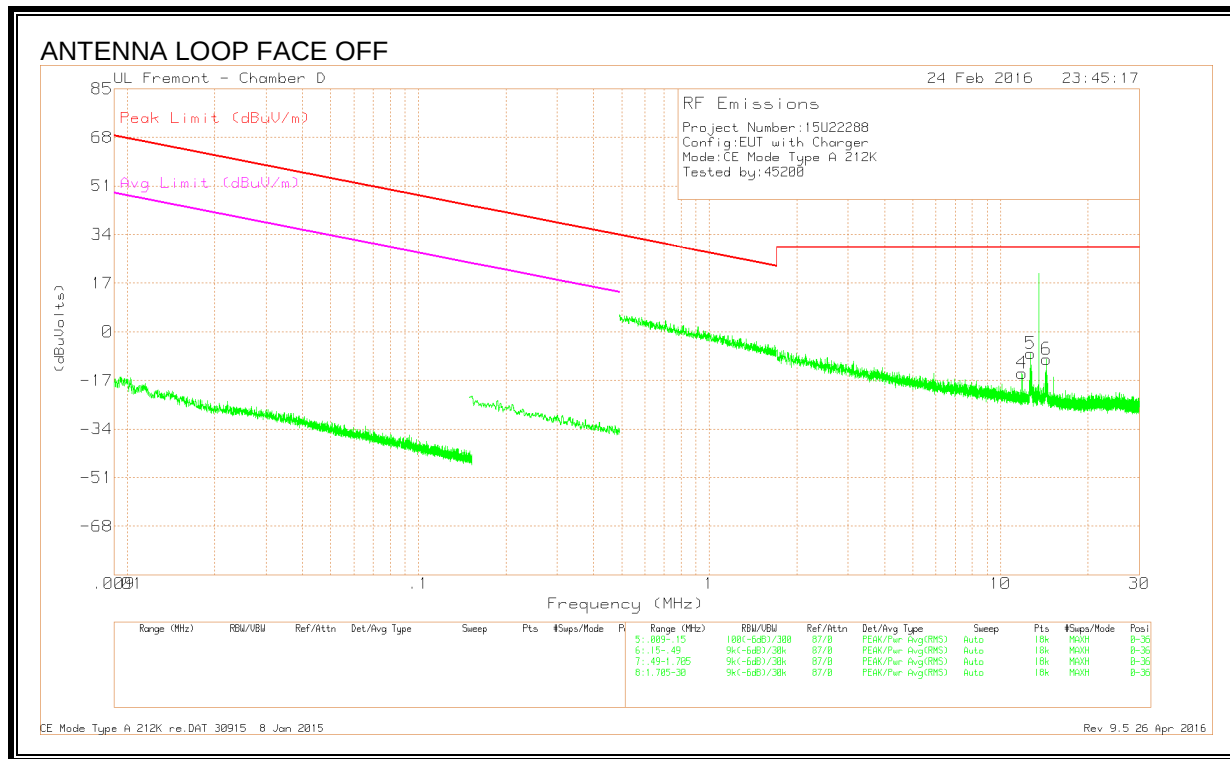
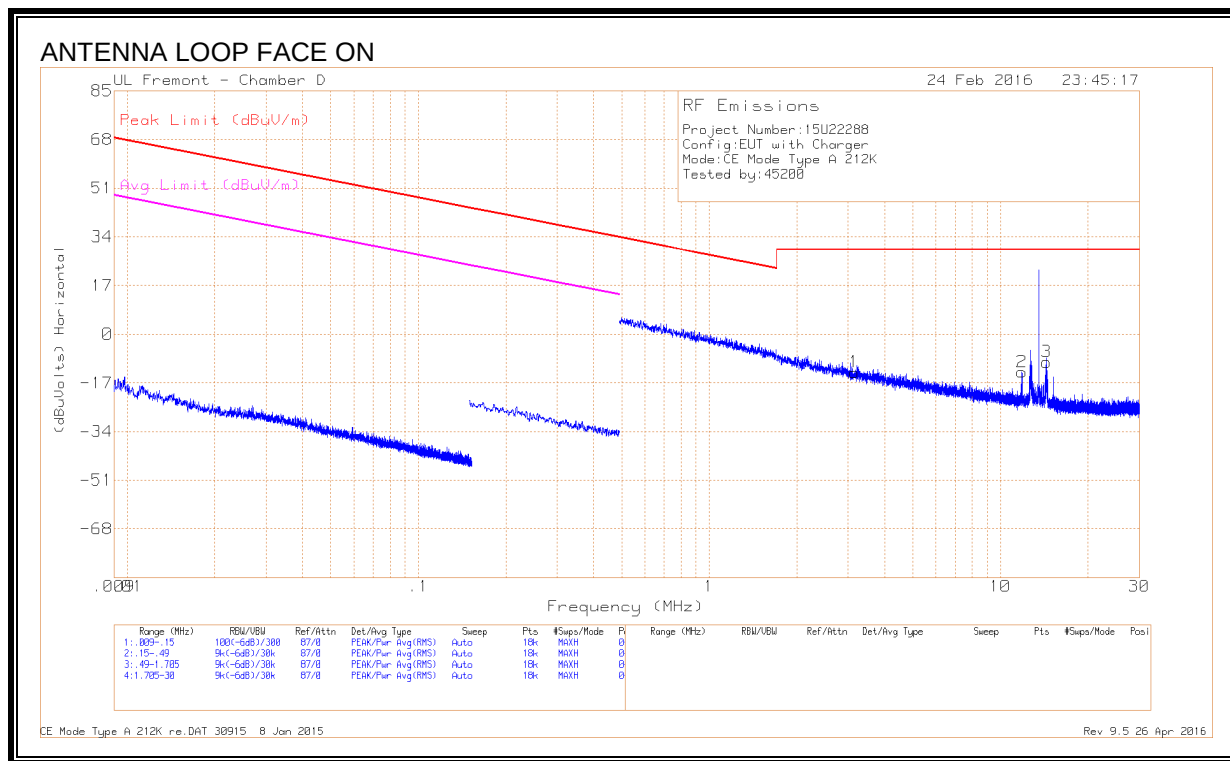


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.55988	51.93	Pk	10.4	.4	-40	22.73	84	-61.27	0-360
2	12.71188	24.58	Pk	10.4	.4	-40	-4.62	29.54	-34.16	0-360
3	14.41088	23.58	Pk	10.3	.4	-40	-5.72	29.54	-35.26	0-360
4	13.55807	50.06	Pk	10.4	.4	-40	20.86	84	-63.14	0-360
5	12.71581	22.92	Pk	10.4	.4	-40	-6.28	29.54	-35.82	0-360
6	14.40967	21.1	Pk	10.3	.4	-40	-8.2	29.54	-37.74	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type A 212Kbps

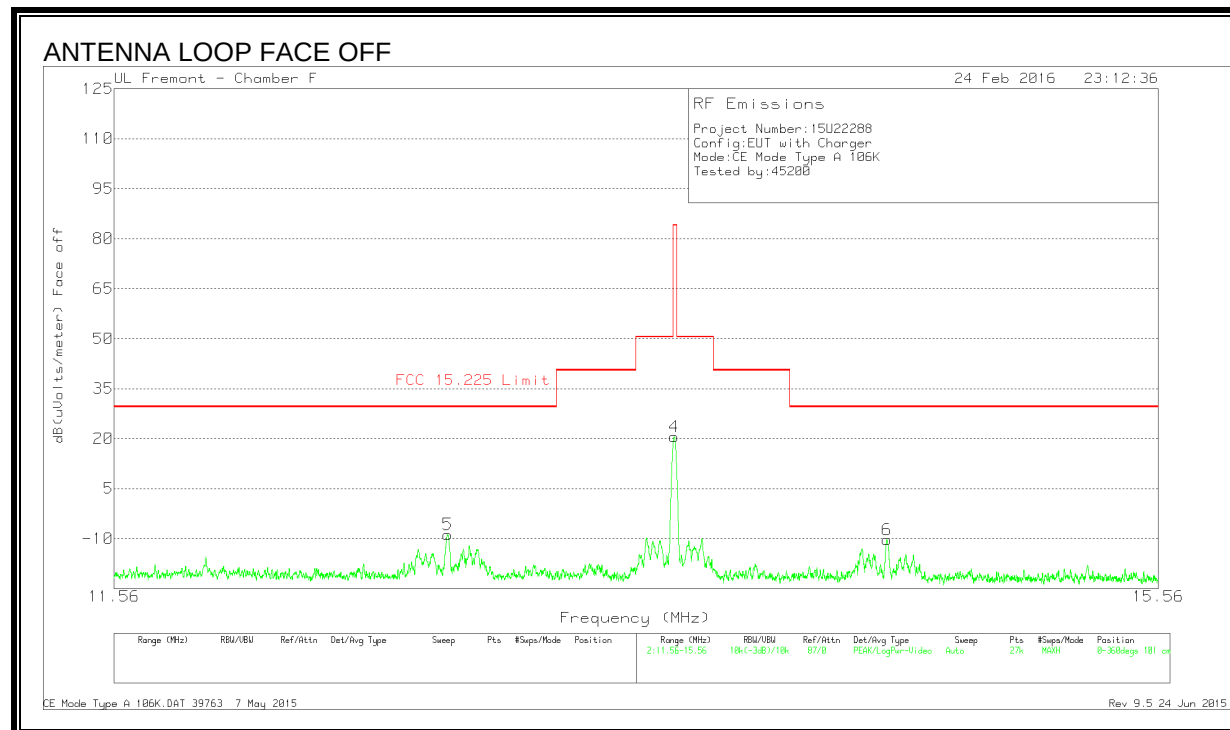
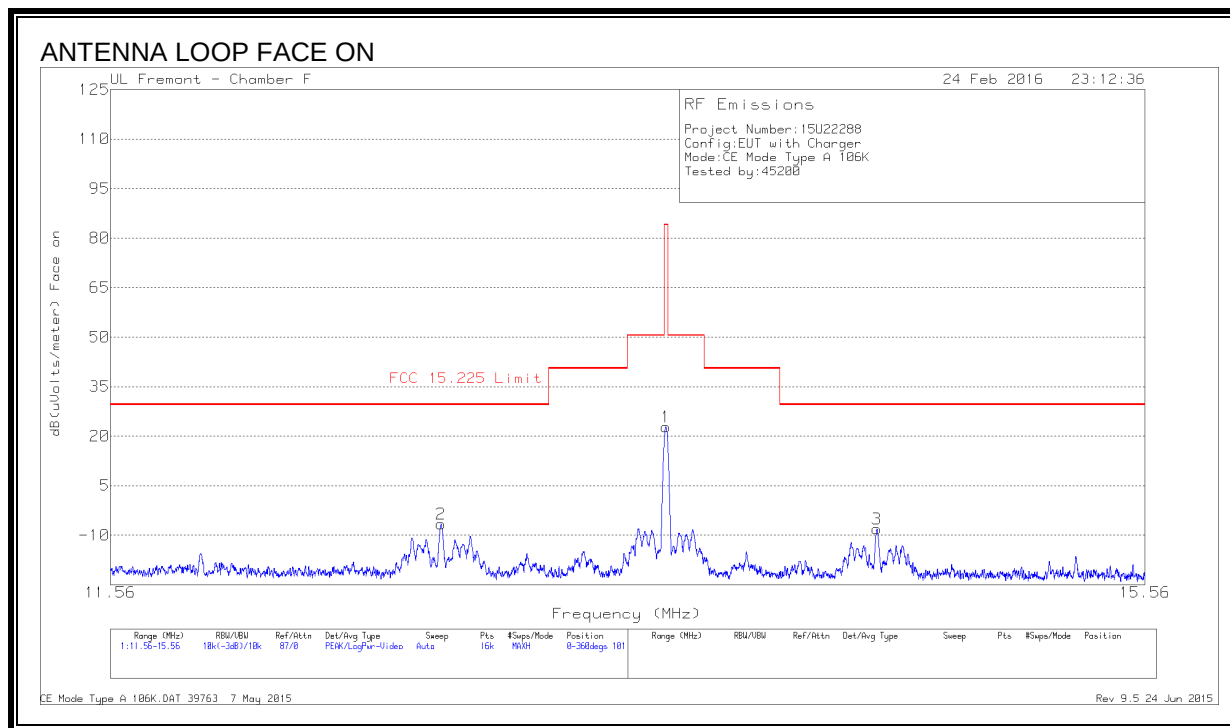


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	3.1481	16.1	Pk	10.4	.2	-40	-13.3	29.54	-42.84	-	-	0-360
2	11.86484	15.96	Pk	10.4	.4	-40	-13.24	29.54	-42.78	-	-	0-360
4	11.86641	14.78	Pk	10.4	.4	-40	-14.42	29.54	-43.96	-	-	0-360
5	12.71372	21.64	Pk	10.4	.4	-40	-7.56	29.54	-37.1	-	-	0-360
3	14.40362	19.58	Pk	10.3	.4	-40	-9.72	29.54	-39.26	-	-	0-360
6	14.41148	19.73	Pk	10.3	.4	-40	-9.57	29.54	-39.11	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type A 106Kbps

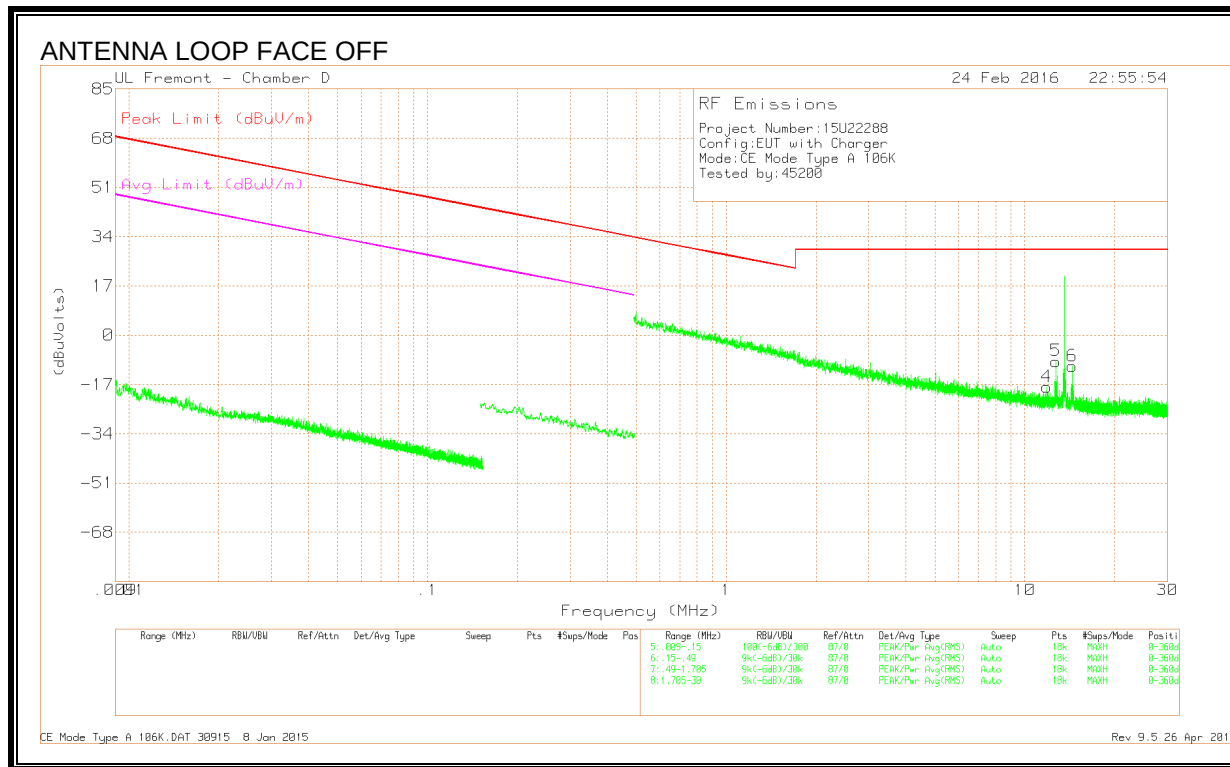
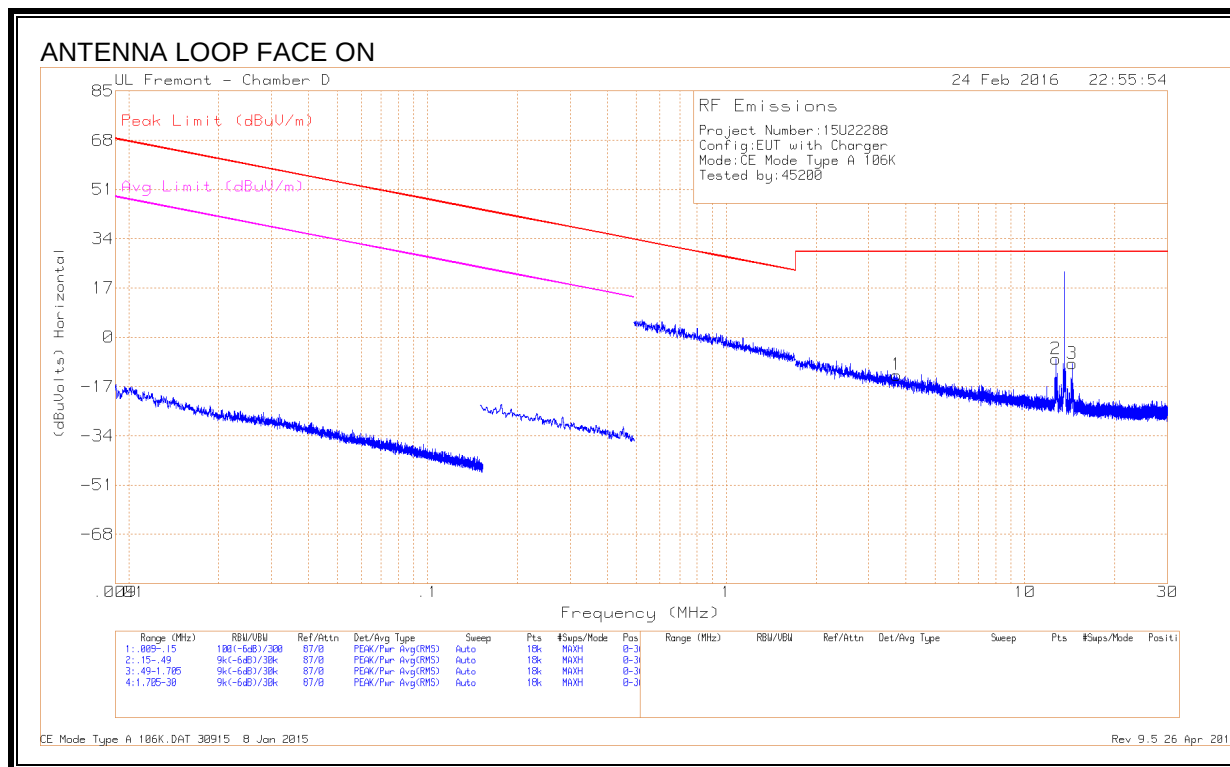


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.55963	52.06	Pk	10.4	.4	-40	22.86	84	-61.14	0-360
2	12.71213	22.54	Pk	10.4	.4	-40	-6.66	29.54	-36.2	0-360
3	14.40713	21.19	Pk	10.3	.4	-40	-8.11	29.54	-37.65	0-360
4	13.55793	49.73	Pk	10.4	.4	-40	20.53	84	-63.47	0-360
5	12.71122	20.44	Pk	10.4	.4	-40	-8.76	29.54	-38.3	0-360
6	14.4036	19	Pk	10.3	.4	-40	-10.3	29.54	-39.84	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type A 106Kbps

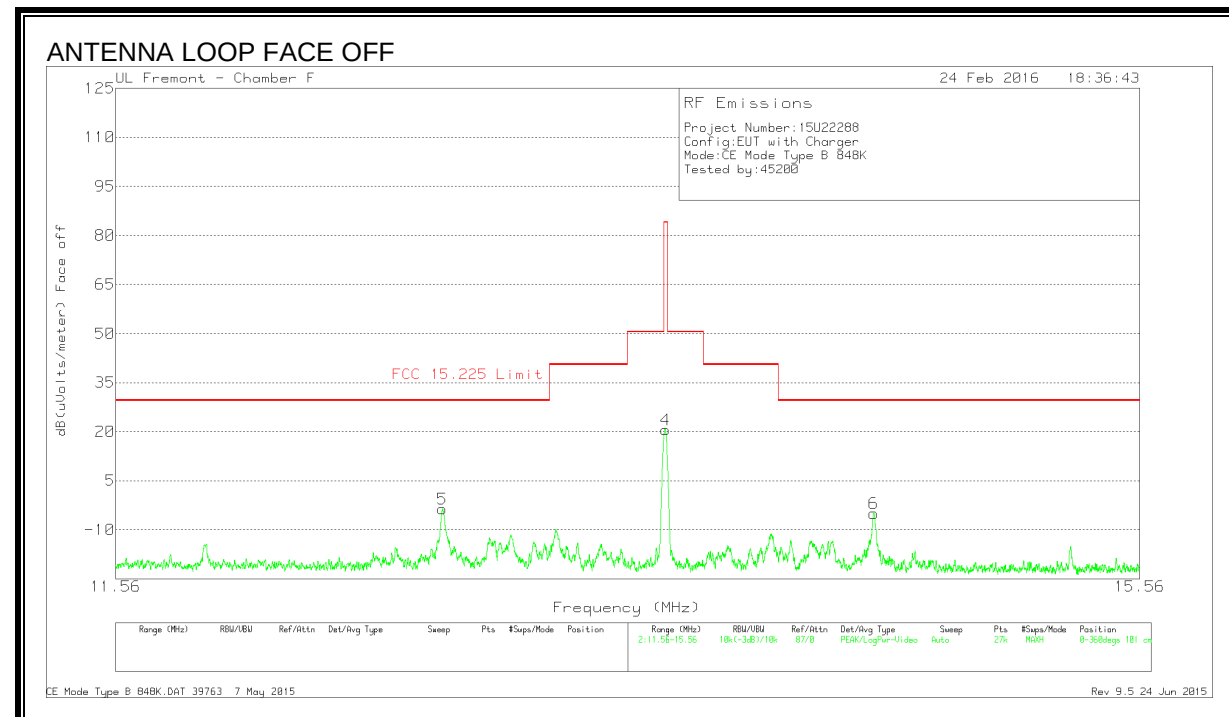
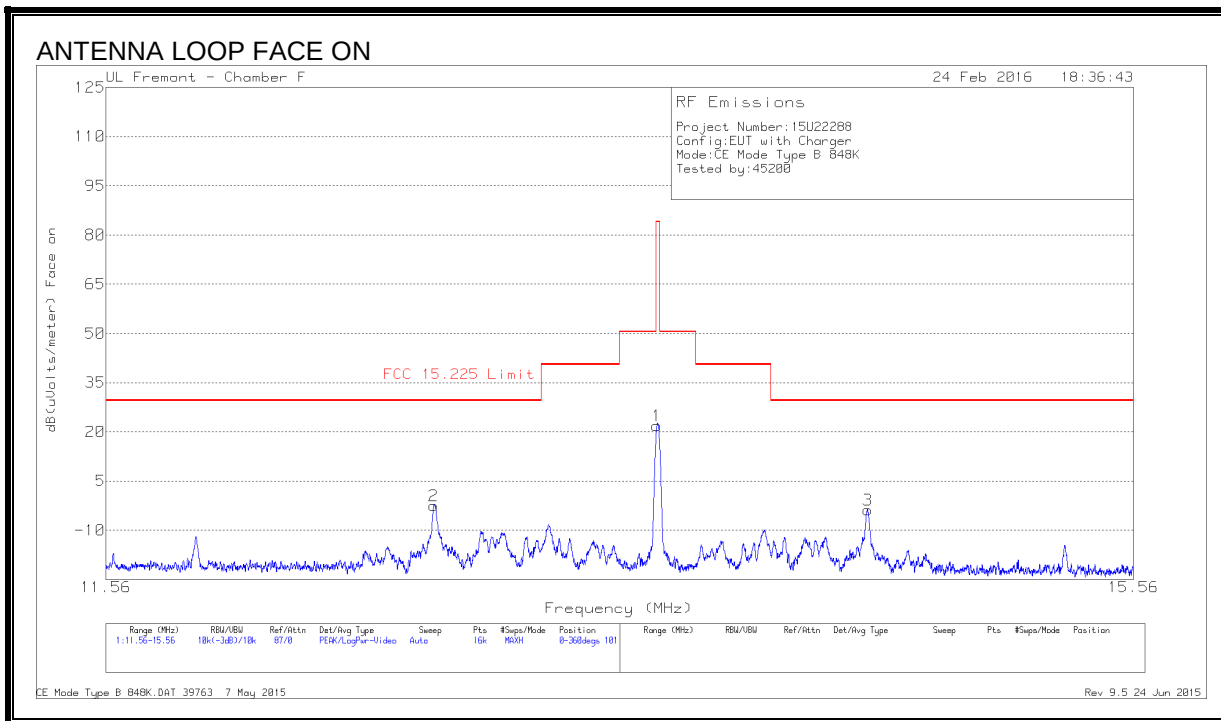


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	3.71952	16.29	Pk	10.5	.2	-40	-13.01	29.54	-42.55	-	-	0-360
4	11.86169	11.35	Pk	10.4	.4	-40	-17.85	29.54	-47.39	-	-	0-360
2	12.71214	21.76	Pk	10.4	.4	-40	-7.44	29.54	-36.98	-	-	0-360
5	12.71214	20.24	Pk	10.4	.4	-40	-8.96	29.54	-38.5	-	-	0-360
3	14.40676	20.25	Pk	10.3	.4	-40	-9.05	29.54	-38.59	-	-	0-360
6	14.40833	18.71	Pk	10.3	.4	-40	-10.59	29.54	-40.13	-	-	0-360

Pk - Peak detector

FUNDAMENTAL TYPE B 848Kbps

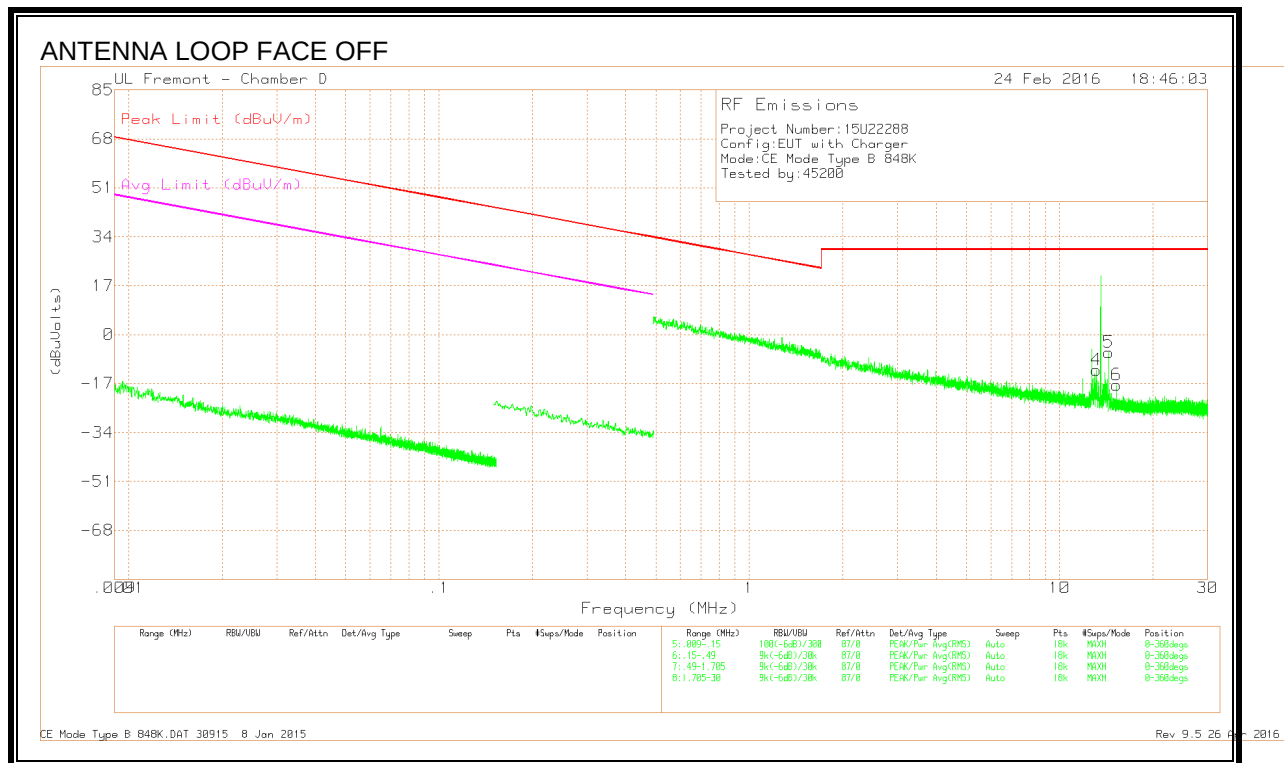
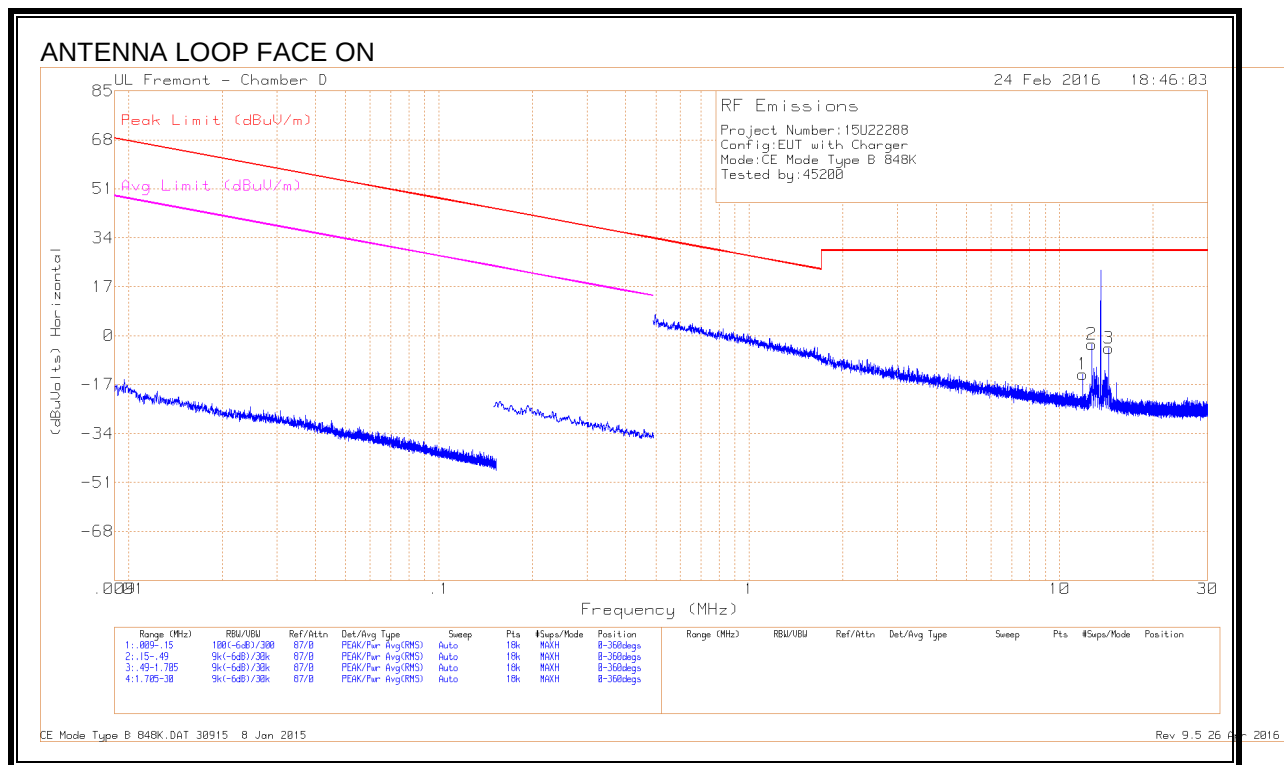


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.55675	51.01	Pk	10.4	.4	-40	21.81	84	-62.19	0-360
2	12.71	26.72	Pk	10.4	.4	-40	-2.48	29.54	-32.02	0-360
3	14.40925	25.41	Pk	10.3	.4	-40	-3.89	29.54	-33.43	0-360
4	13.55963	49.81	Pk	10.4	.4	-40	20.61	84	-63.39	0-360
5	12.71055	25.61	Pk	10.4	.4	-40	-3.59	29.54	-33.13	0-360
6	14.40537	24.27	Pk	10.3	.4	-40	-5.03	29.54	-34.57	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type B 848Kbps

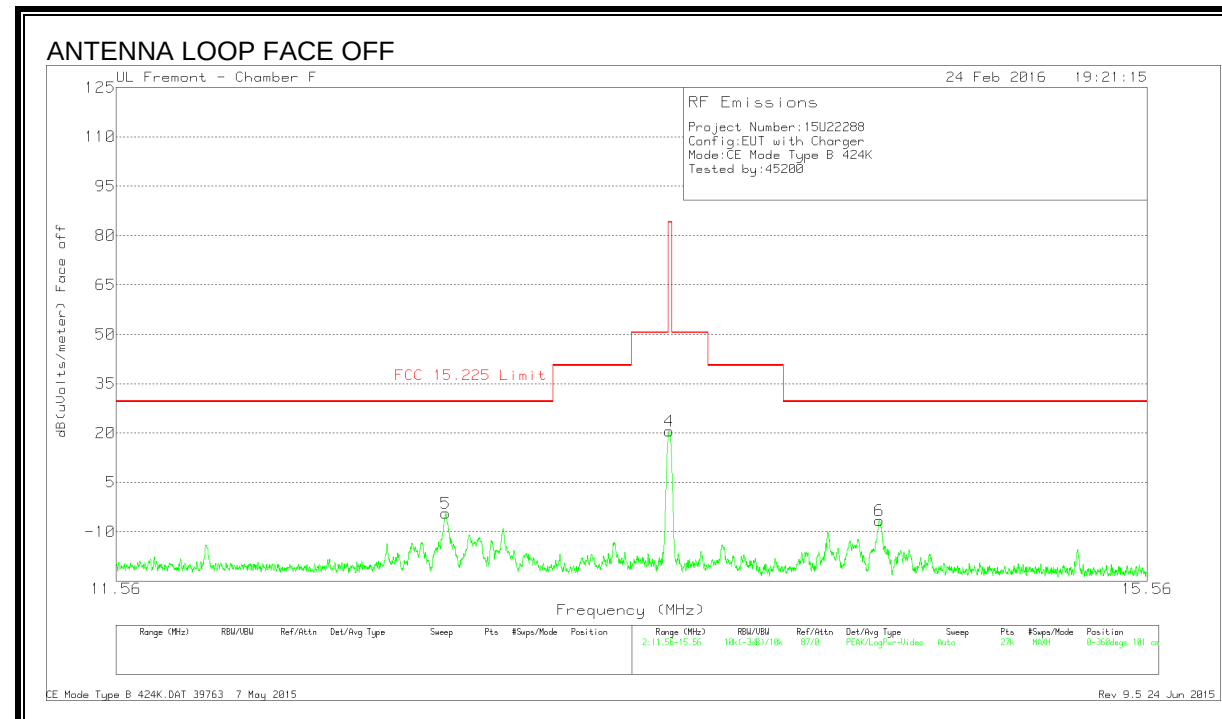
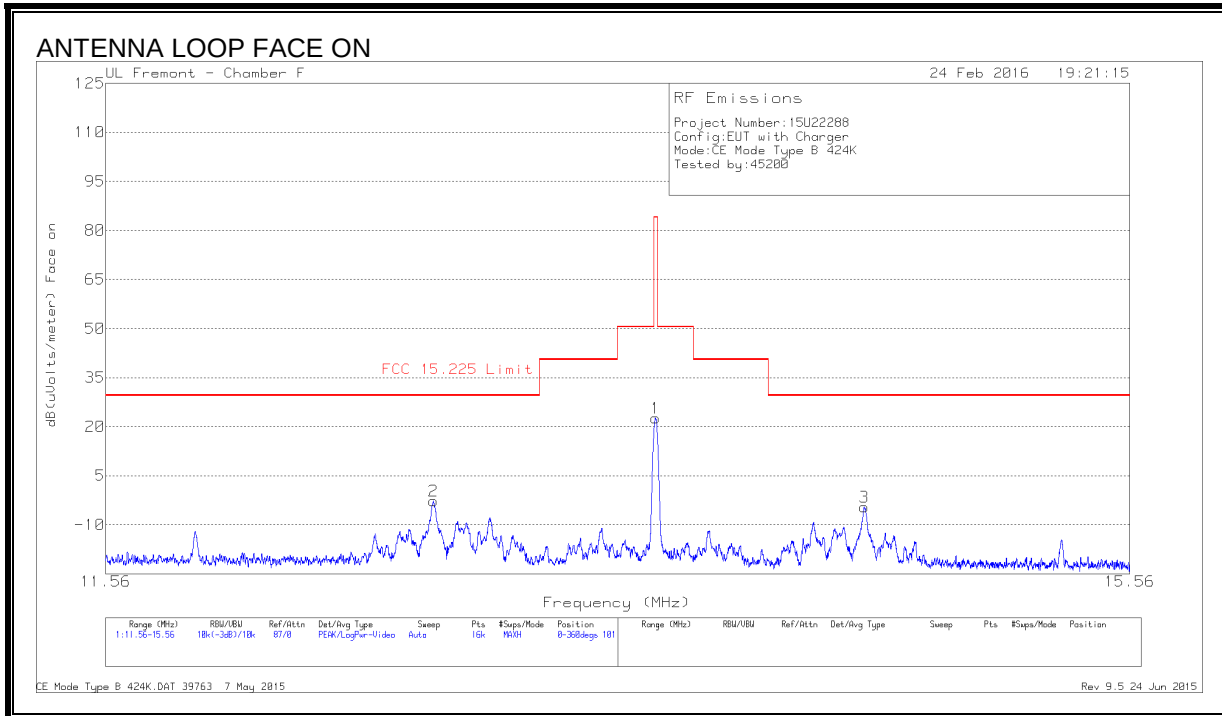


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	11.86484	15.84	Pk	10.4	.4	-40	-13.36	29.54	-42.9	-	-	0-360
2	12.71214	26.14	Pk	10.4	.4	-40	-3.06	29.54	-32.6	-	-	0-360
4	13.13658	16.87	Pk	10.4	.4	-40	-12.33	29.54	-41.87	-	-	0-360
3	14.40676	24.99	Pk	10.3	.4	-40	-4.31	29.54	-33.85	-	-	0-360
5	14.40676	23	Pk	10.3	.4	-40	-6.3	29.54	-35.84	-	-	0-360
6	15.2525	11.83	Pk	10.3	.4	-40	-17.47	29.54	-47.01	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type B 424Kbps

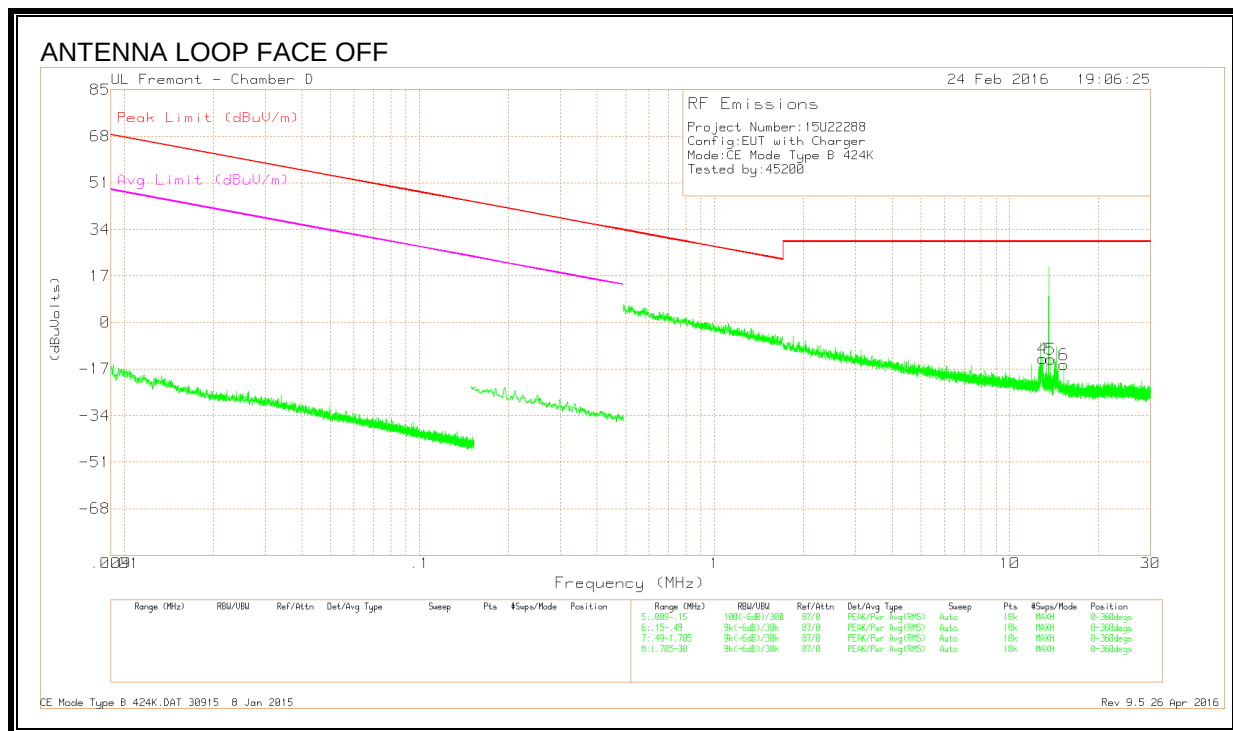
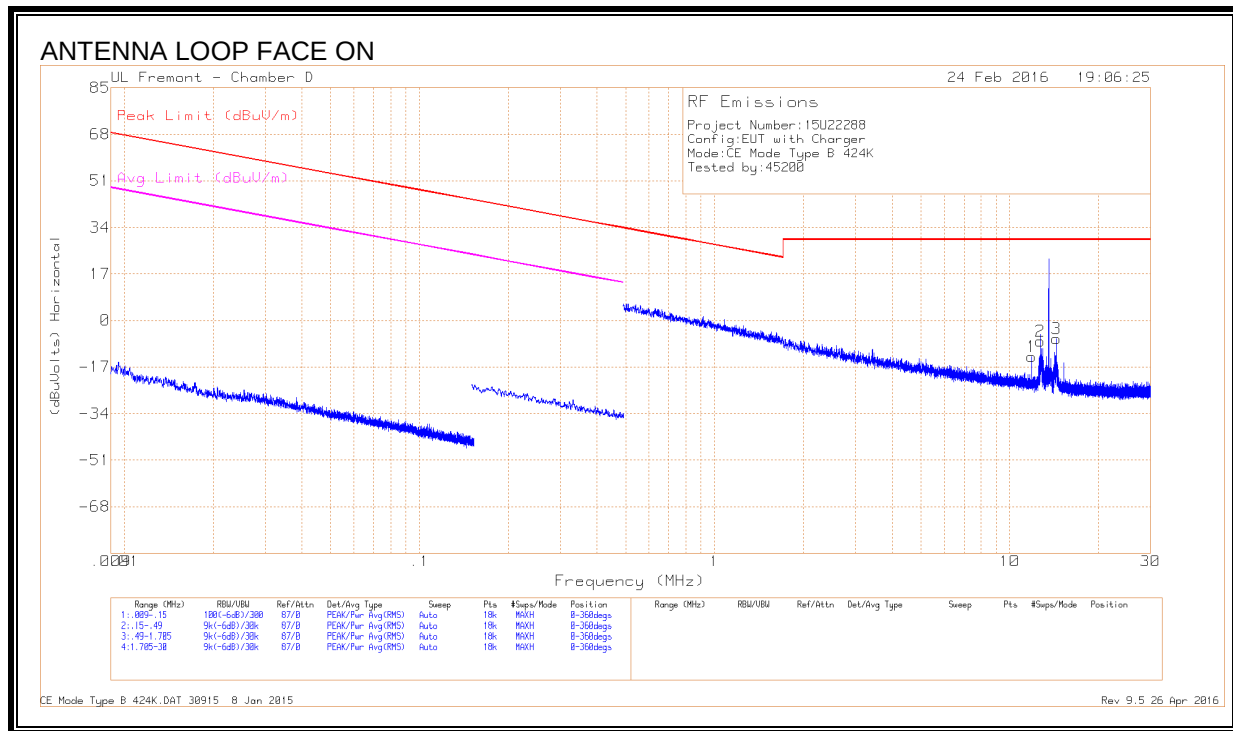


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degr)
1	13.55938	51.8	Pk	10.4	.4	-40	22.6	84	-61.4	0-360
2	12.71388	26.41	Pk	10.4	.4	-40	-2.79	29.54	-32.33	0-360
3	14.40638	24.76	Pk	10.3	.4	-40	-4.54	29.54	-34.08	0-360
4	13.55807	49.85	Pk	10.4	.4	-40	20.65	84	-63.35	0-360
5	12.7124	24.78	Pk	10.4	.4	-40	-4.42	29.54	-33.96	0-360
6	14.40463	22.7	Pk	10.3	.4	-40	-6.6	29.54	-36.14	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type B 424Kbps

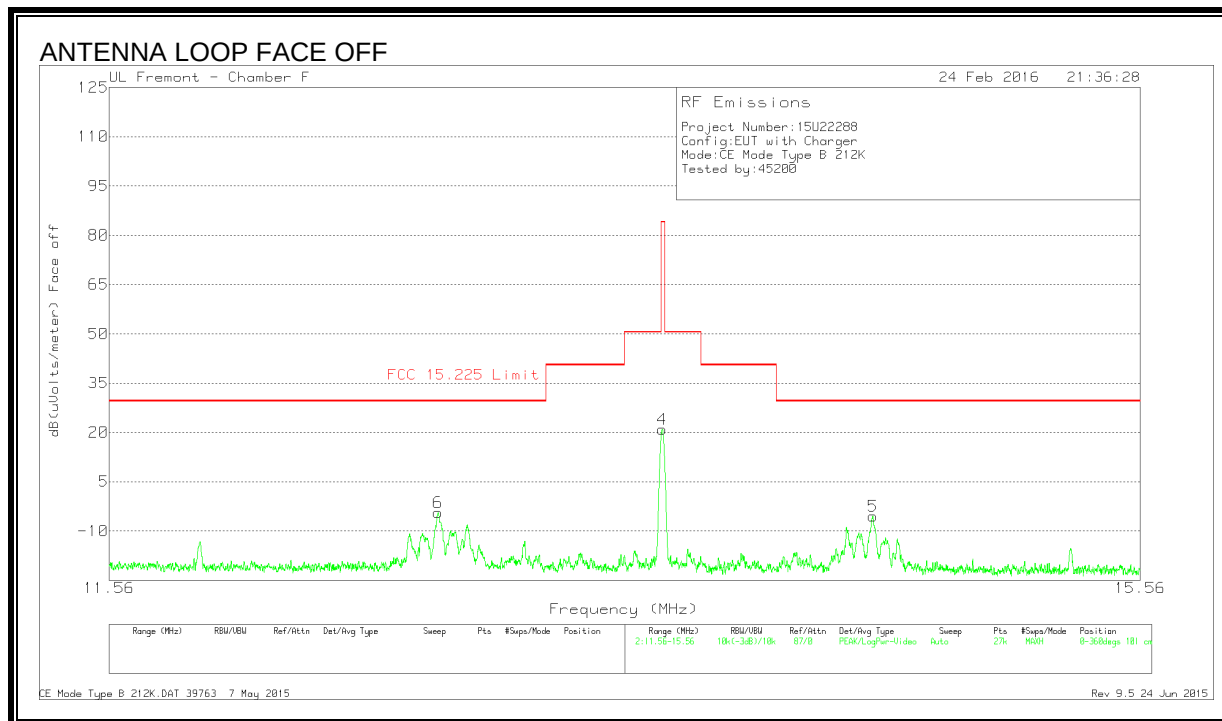
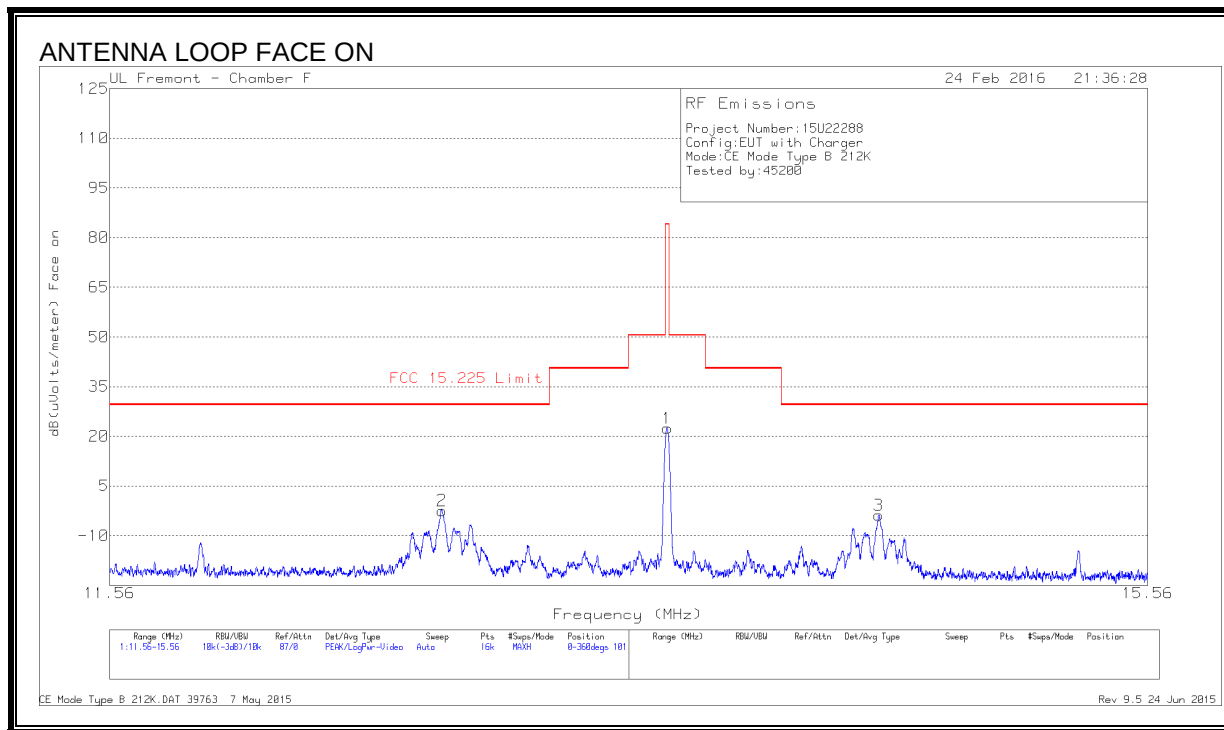


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	11.86484	15.94	Pk	10.4	.4	-40	-13.26	29.54	-42.8	-	-	0-360
2	12.70586	21.72	Pk	10.4	.4	-40	-7.48	29.54	-37.02	-	-	0-360
4	12.91965	15.93	Pk	10.4	.4	-40	-13.27	29.54	-42.81	-	-	0-360
5	13.77167	15.79	Pk	10.3	.4	-40	-13.51	29.54	-43.05	-	-	0-360
3	14.41069	22.68	Pk	10.3	.4	-40	-6.62	29.54	-36.16	-	-	0-360
6	15.25485	13.86	Pk	10.3	.4	-40	-15.44	29.54	-44.98	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type B 212Kbps

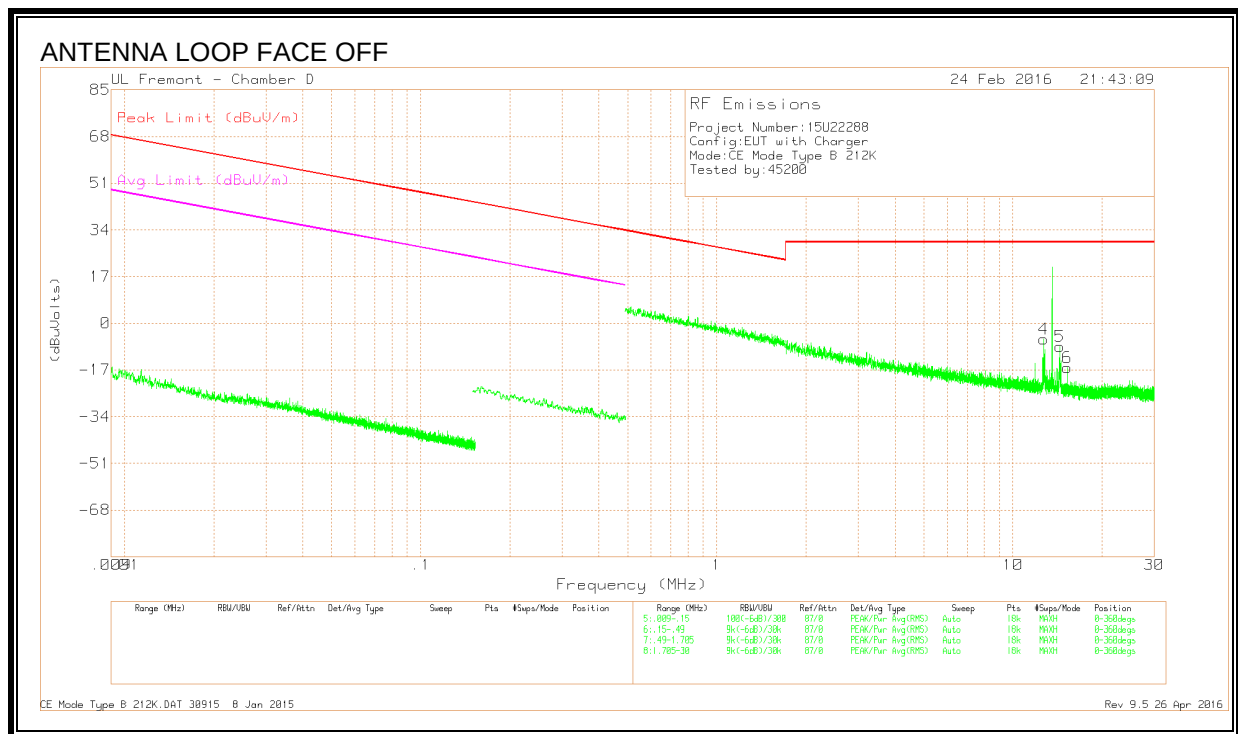
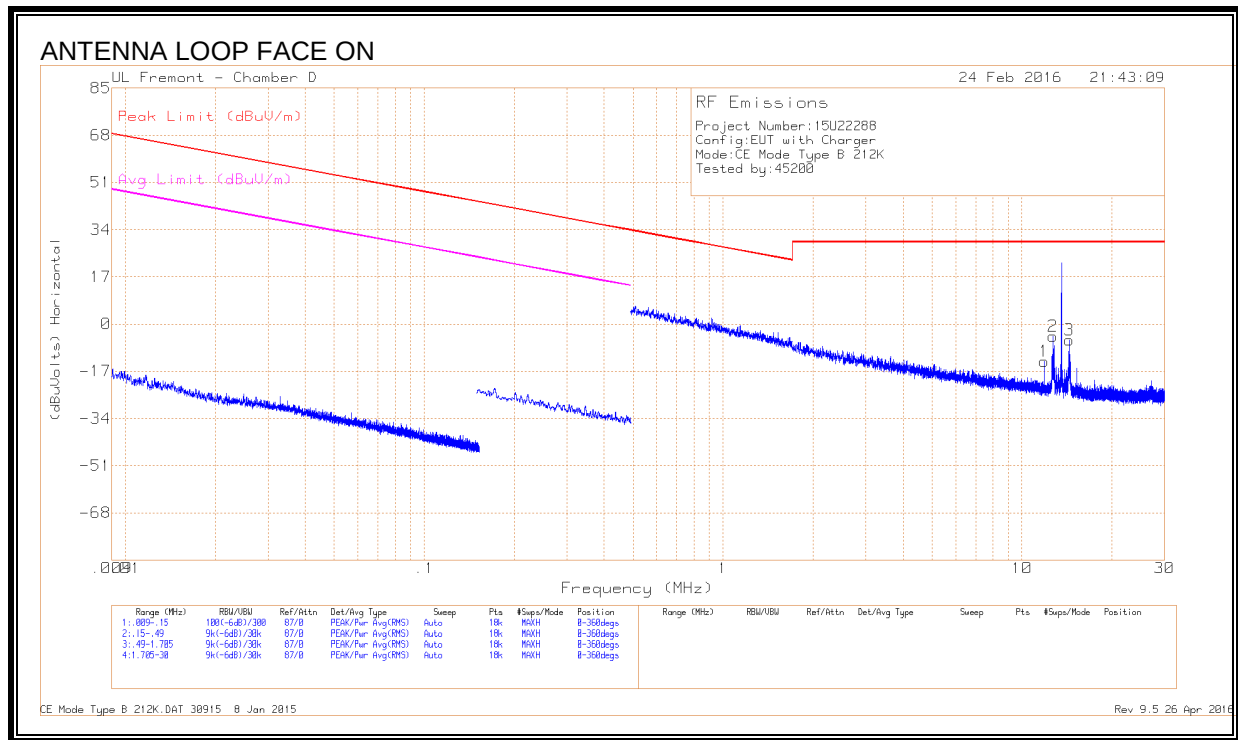


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.5615	51.56	Pk	10.4	.4	-40	22.36	84	-61.64	0-360
2	12.71425	26.77	Pk	10.4	.4	-40	-2.43	29.54	-31.97	0-360
3	14.40788	25.47	Pk	10.3	.4	-40	-3.83	29.54	-33.37	0-360
4	13.55778	50.14	Pk	10.4	.4	-40	20.94	84	-63.06	0-360
5	14.40597	23.8	Pk	10.3	.4	-40	-5.5	29.54	-35.04	0-360
6	12.70959	24.86	Pk	10.4	.4	-40	-4.34	29.54	-33.88	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type B 212Kbps

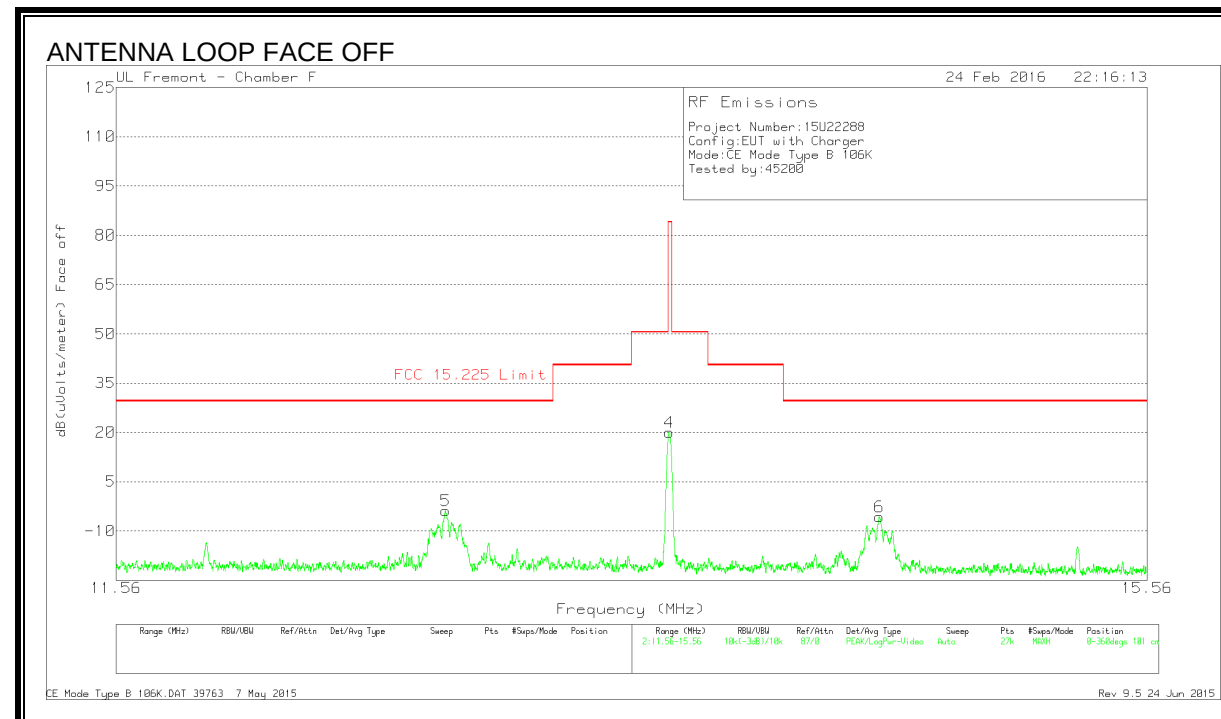
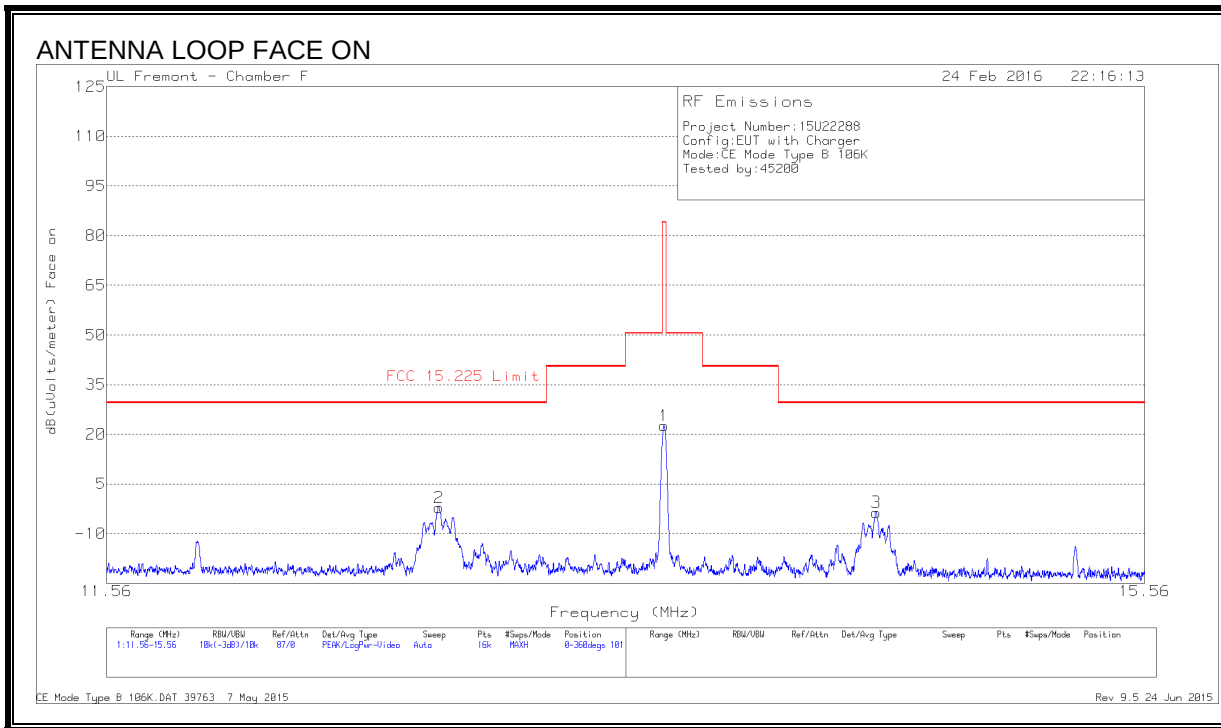


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	11.86641	15.72	Pk	10.4	.4	-40	-13.48	29.54	-43.02	-	-	0-360
4	12.71214	23.38	Pk	10.4	.4	-40	-5.82	29.54	-35.36	-	-	0-360
2	12.71529	24.73	Pk	10.4	.4	-40	-4.47	29.54	-34.01	-	-	0-360
3	14.40676	23.49	Pk	10.3	.4	-40	-5.81	29.54	-35.35	-	-	0-360
5	14.4099	20.76	Pk	10.3	.4	-40	-8.54	29.54	-38.08	-	-	0-360
6	15.25564	13.1	Pk	10.3	.4	-40	-16.2	29.54	-45.74	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type B 106Kbps

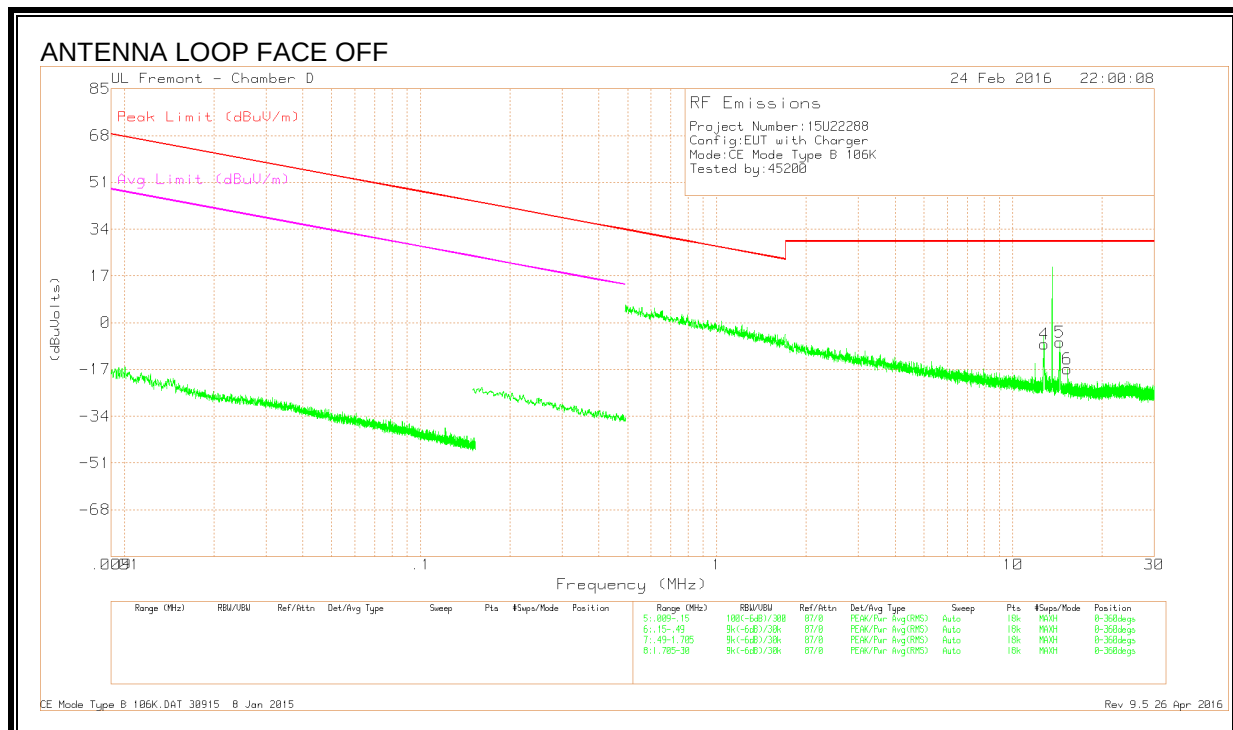
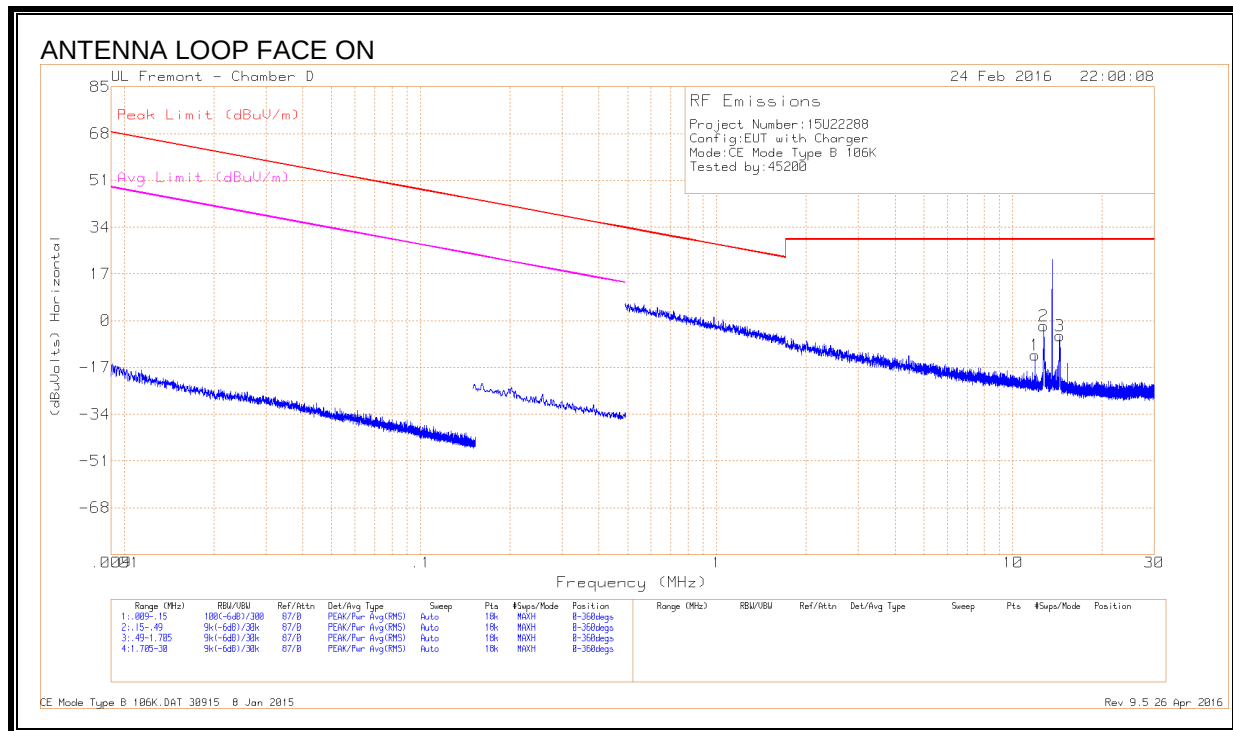


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degr)
1	13.55925	51.79	Pk	10.4	.4	-40	22.59	84	-61.41	0-360
2	12.71425	27.09	Pk	10.4	.4	-40	-2.11	29.54	-31.65	0-360
3	14.40925	25.75	Pk	10.3	.4	-40	-3.55	29.54	-33.09	0-360
4	13.55807	49.28	Pk	10.4	.4	-40	20.08	84	-63.92	0-360
5	12.71077	25.38	Pk	10.4	.4	-40	-3.82	29.54	-33.36	0-360
6	14.4033	23.66	Pk	10.3	.4	-40	-5.64	29.54	-35.18	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type B 106Kbps

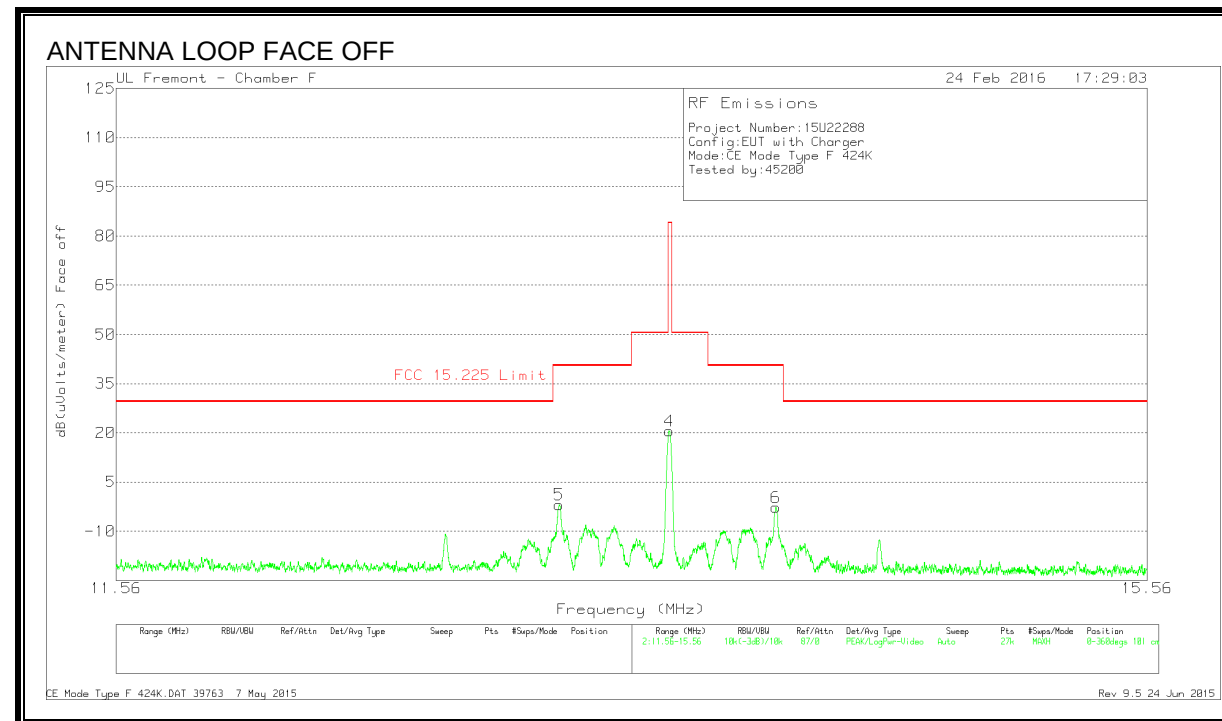
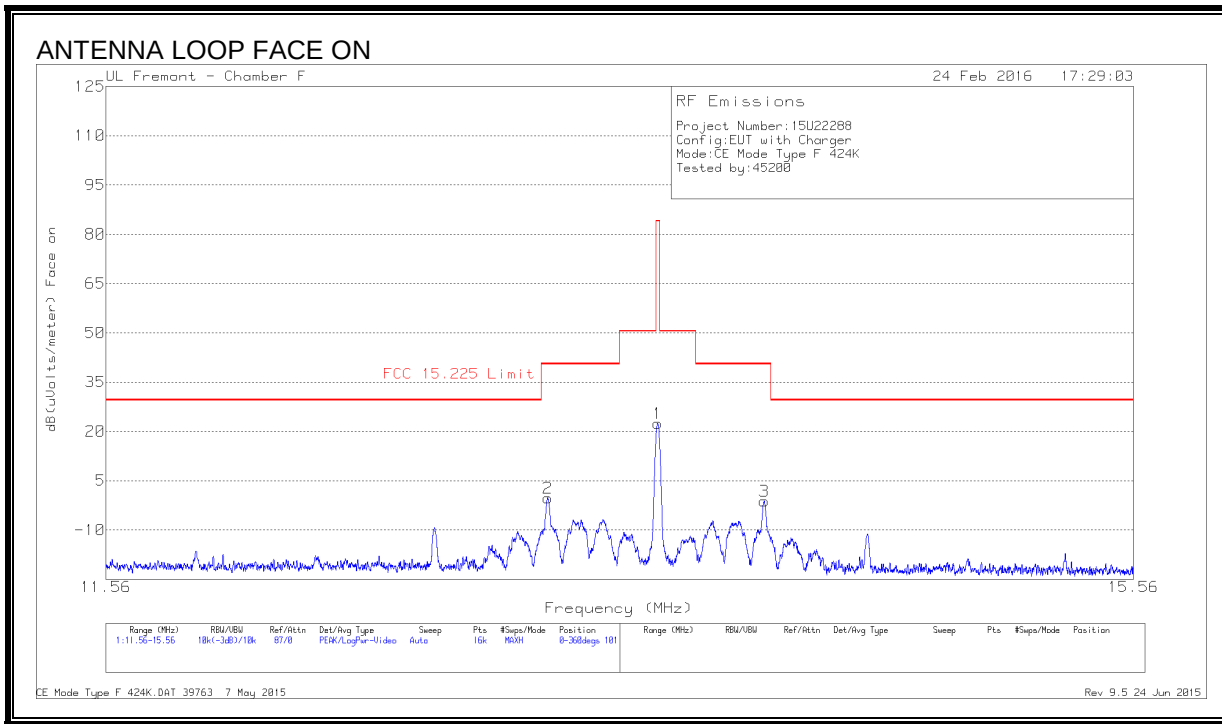


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	11.86484	16.62	Pk	10.4	.4	-40	-12.58	29.54	-42.12	-	-	0-360
2	12.71214	27.19	Pk	10.4	.4	-40	-2.01	29.54	-31.55	-	-	0-360
4	12.76402	21.4	Pk	10.4	.4	-40	-7.8	29.54	-37.34	-	-	0-360
3	14.40676	23.84	Pk	10.3	.4	-40	-5.46	29.54	-35	-	-	0-360
5	14.40676	22.23	Pk	10.3	.4	-40	-7.07	29.54	-36.61	-	-	0-360
6	15.25564	12.49	Pk	10.3	.4	-40	-16.81	29.54	-46.35	-	-	0-360

Pk - Peak detector

FUNDAMENTAL TYPE F 424Kbps

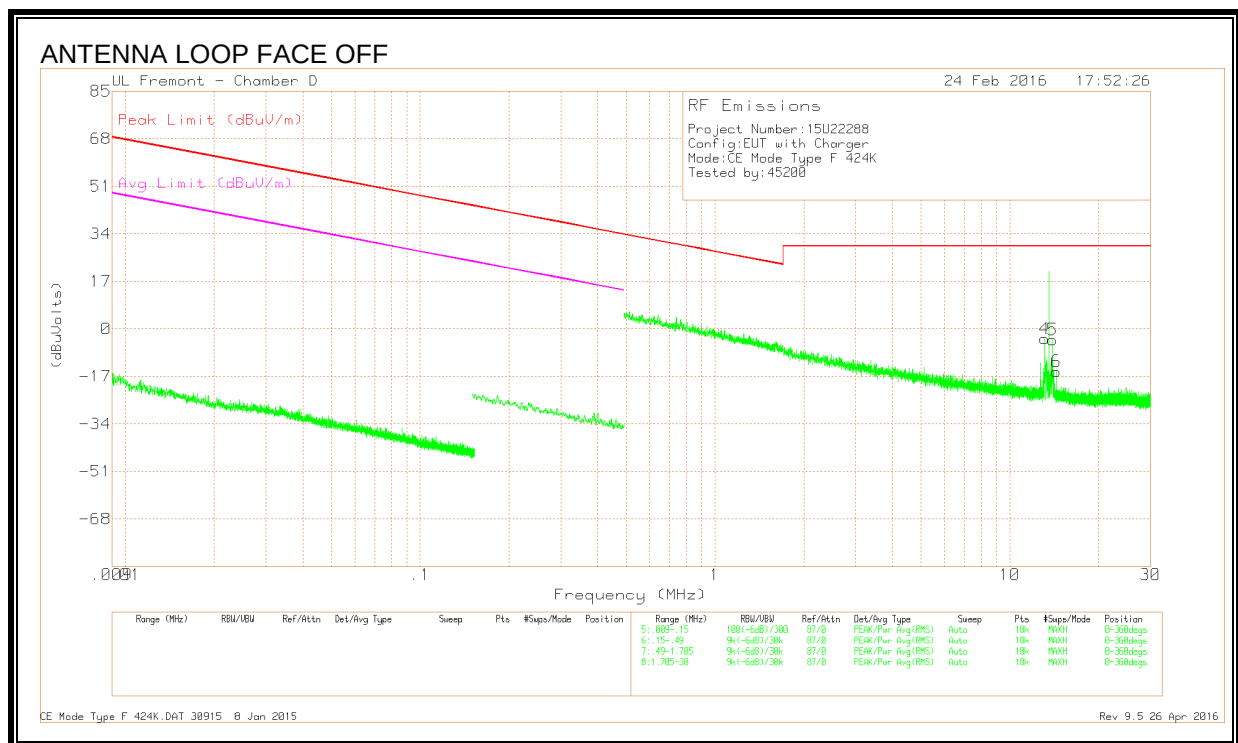
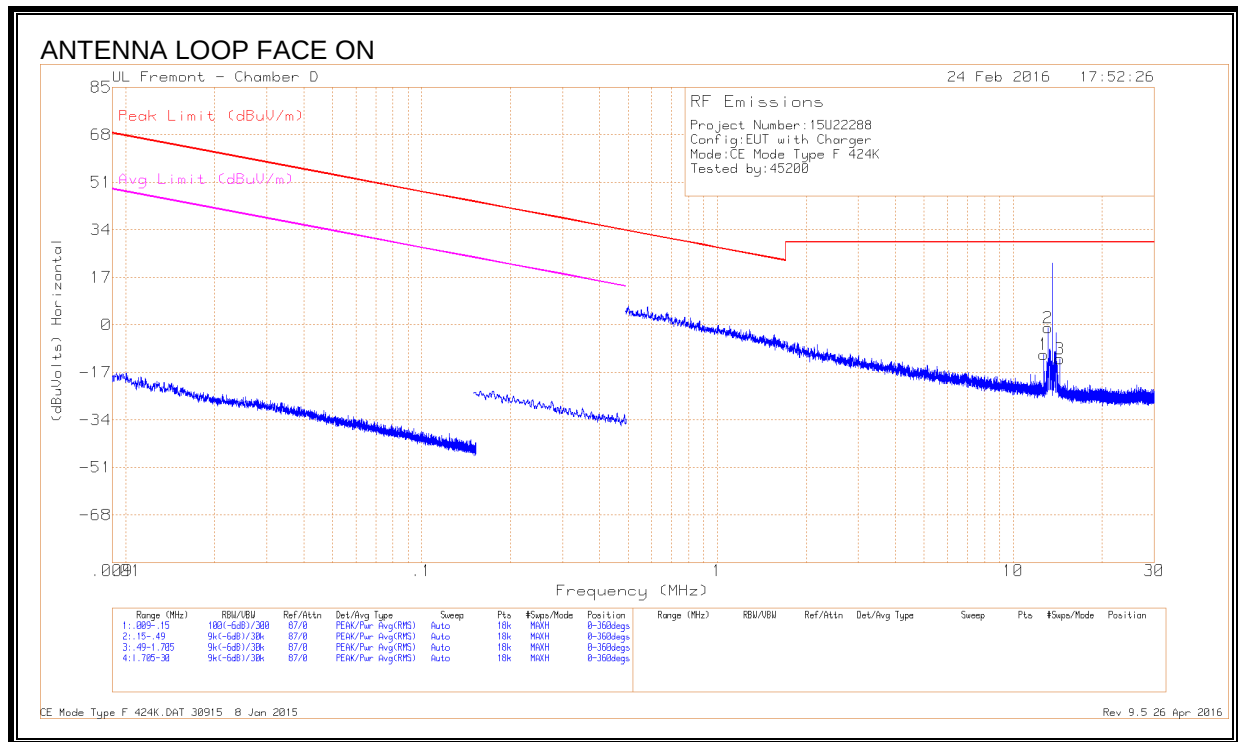


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degr)
1	13.55925	51.61	Pk	10.4	.4	-40	22.41	84	-61.59	0-360
2	13.13675	28.83	Pk	10.4	.4	-40	-.37	40.51	-40.88	0-360
3	13.98463	28.13	Pk	10.3	.4	-40	-1.17	40.51	-41.68	0-360
4	13.55778	49.81	Pk	10.4	.4	-40	20.61	84	-63.39	0-360
5	13.13413	27.33	Pk	10.4	.4	-40	-1.87	40.51	-42.38	0-360
6	13.98061	26.63	Pk	10.3	.4	-40	-2.67	40.51	-43.18	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type F 424Kbps

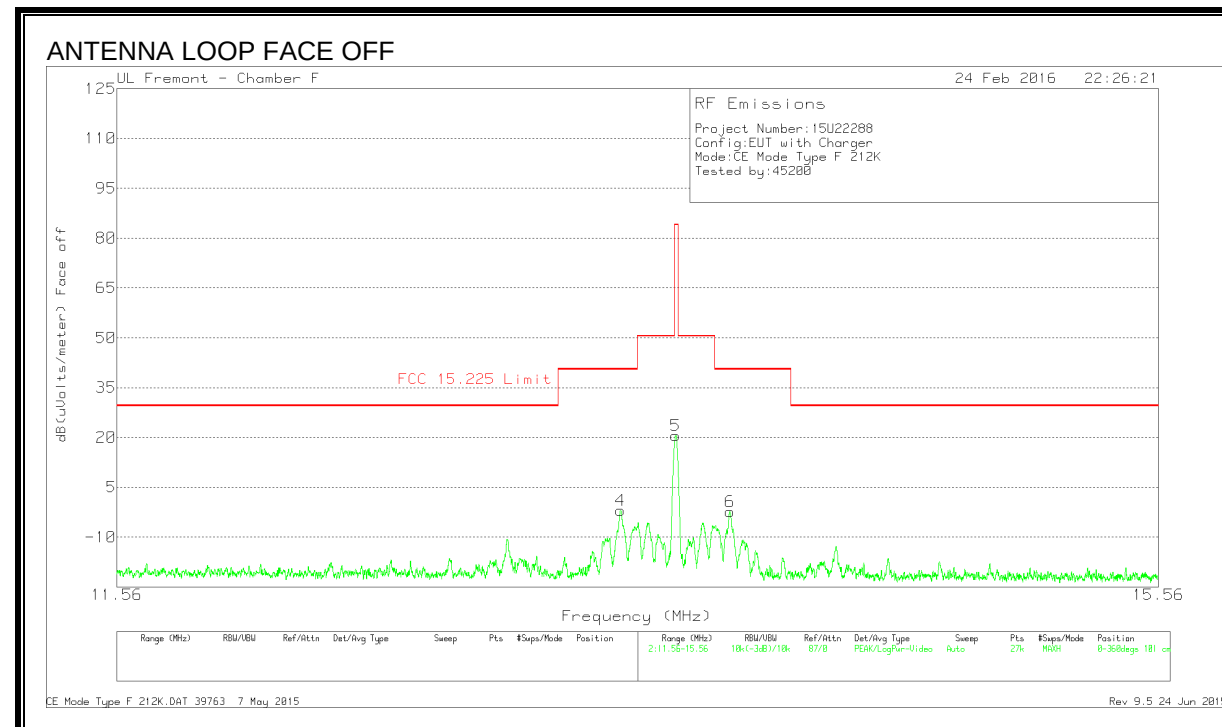
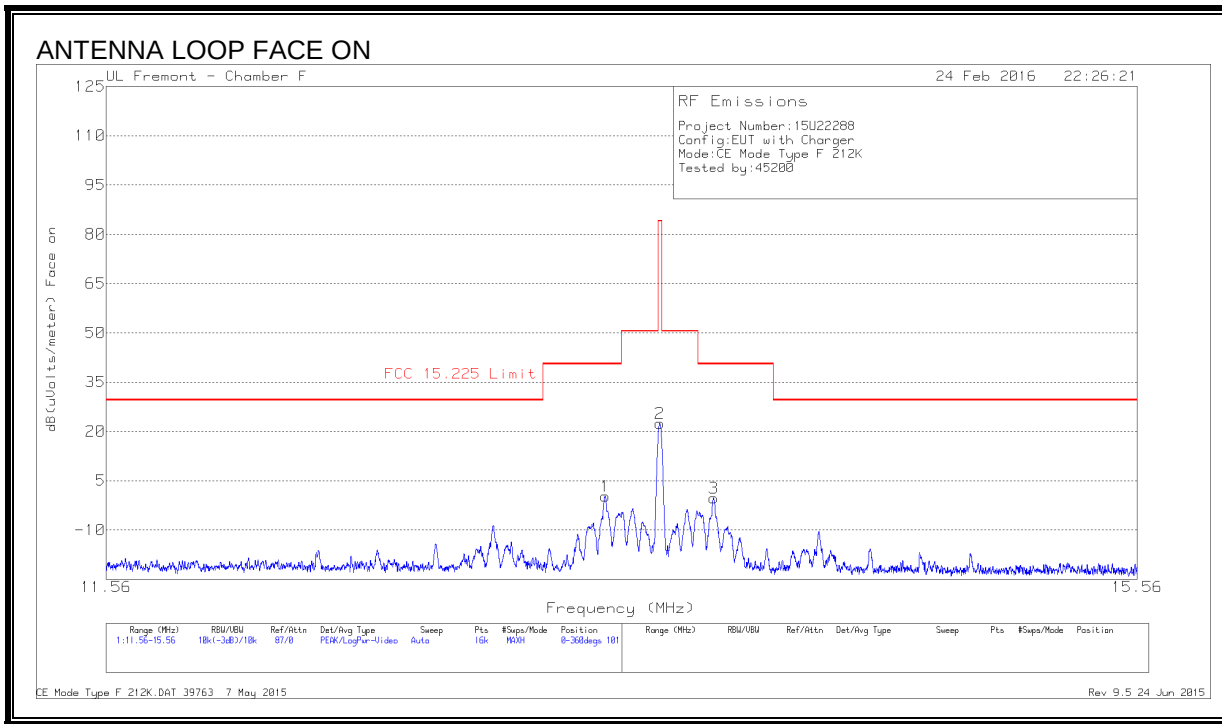


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	12.71136	18.6	Pk	10.4	.4	-40	-10.6	29.54	-40.14	-	-	0-360
4	13.13501	25.7	Pk	10.4	.4	-40	-3.5	29.54	-33.04	-	-	0-360
2	13.13658	28.14	Pk	10.4	.4	-40	-1.06	29.54	-30.6	-	-	0-360
5	13.98232	25.39	Pk	10.3	.4	-40	-3.91	29.54	-33.45	-	-	0-360
3	14.40676	17.13	Pk	10.3	.4	-40	-12.17	29.54	-41.71	-	-	0-360
6	14.40833	14.04	Pk	10.3	.4	-40	-15.26	29.54	-44.8	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type F 212Kbps

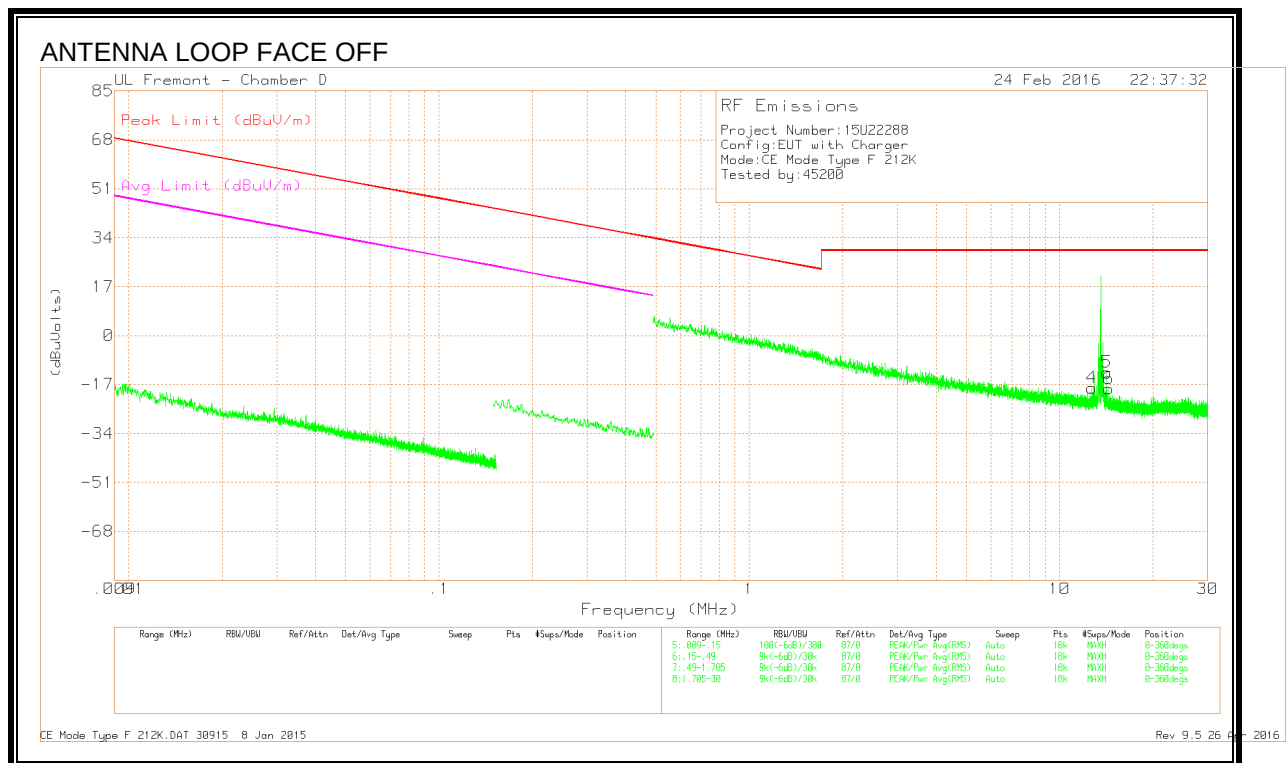
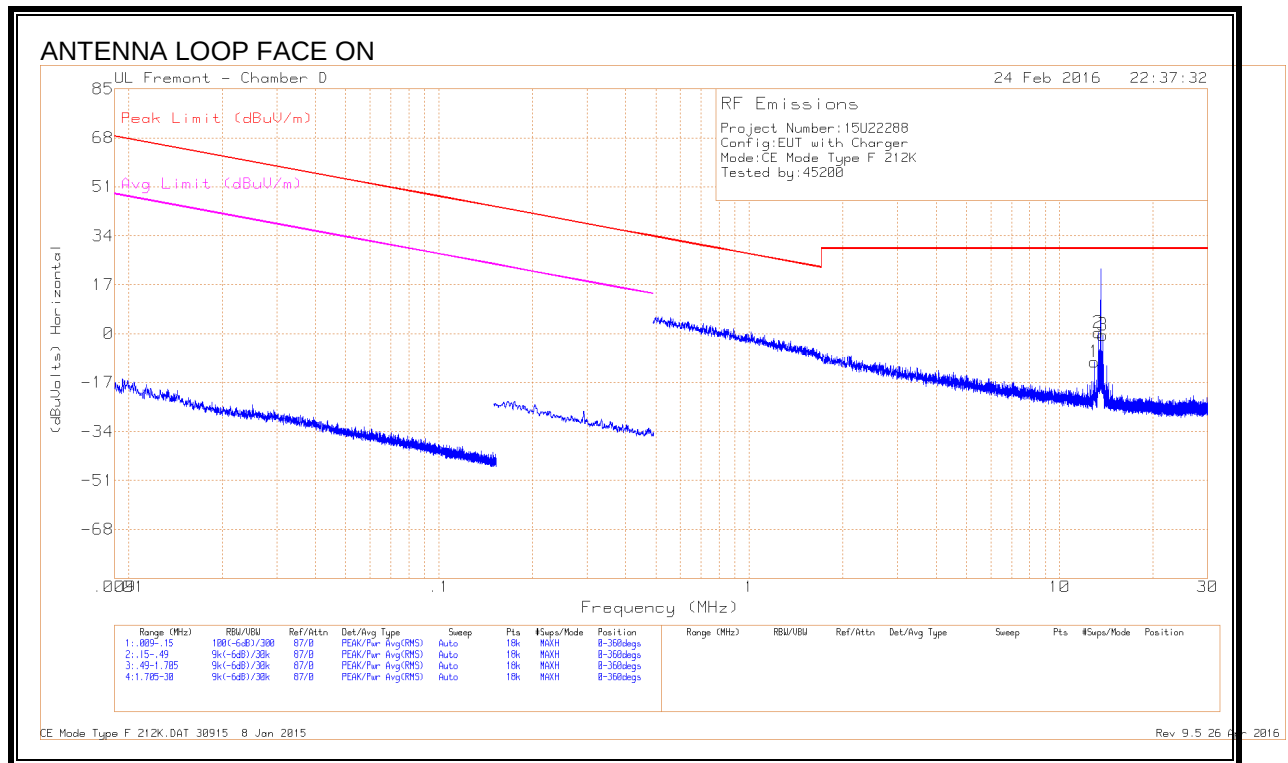


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degr)
1	13.34788	29.5	Pk	10.4	.4	-40	.3	40.51	-40.21	0-360
2	13.55925	51.72	Pk	10.4	.4	-40	22.52	84	-61.48	0-360
3	13.77163	29	Pk	10.3	.4	-40	-.3	40.51	-40.81	0-360
4	13.34673	27.31	Pk	10.4	.4	-40	-1.89	40.51	-42.4	0-360
5	13.55837	49.8	Pk	10.4	.4	-40	20.6	84	-63.4	0-360
6	13.76957	27.04	Pk	10.3	.4	-40	-2.26	40.51	-42.77	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type F 212Kbps



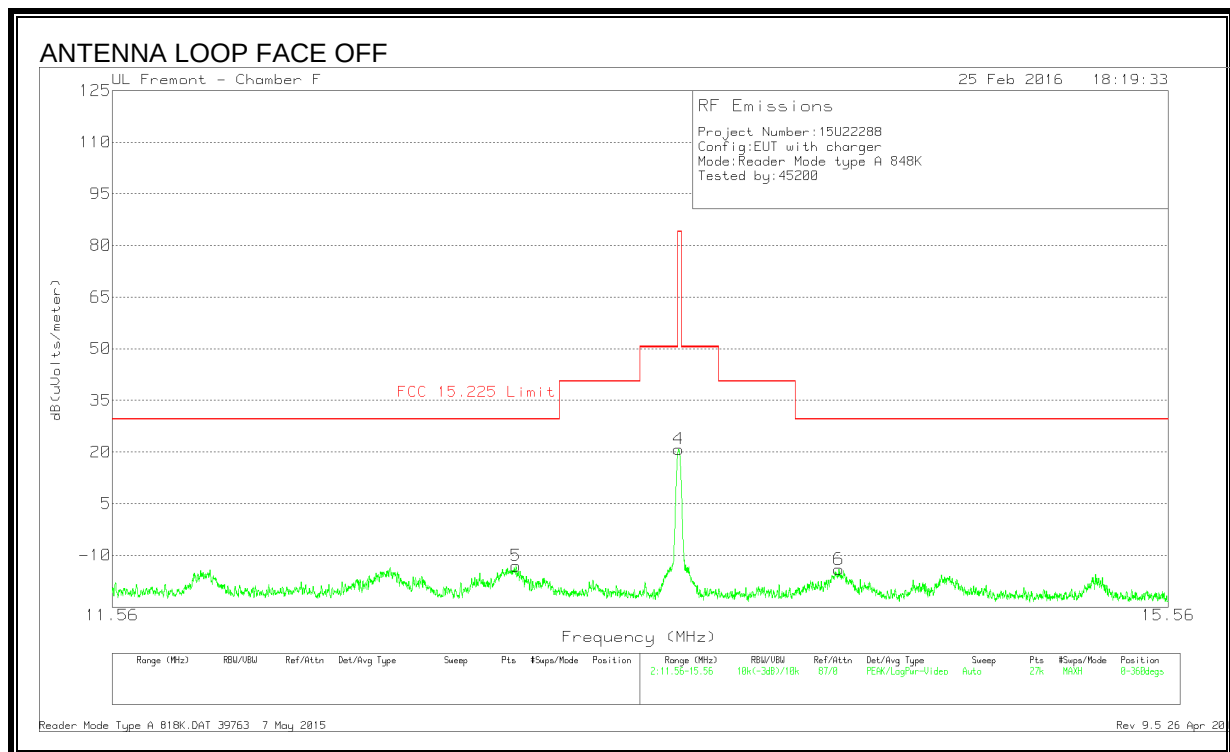
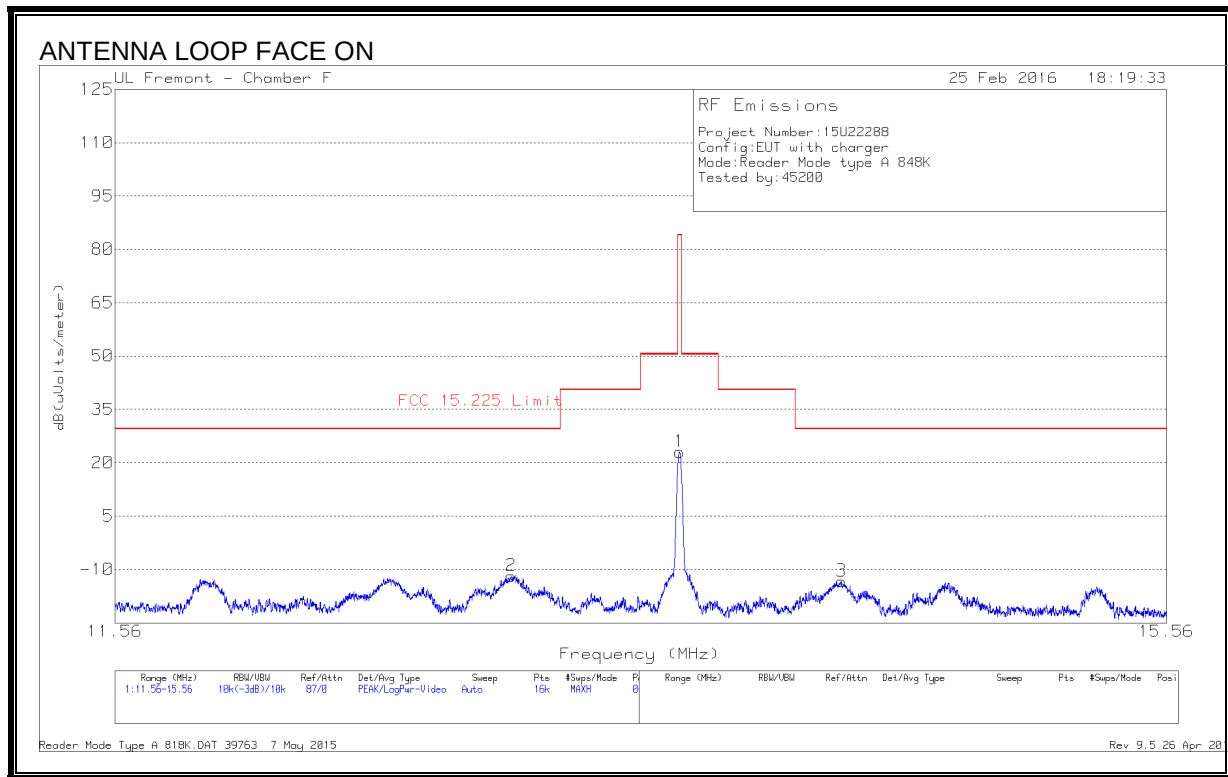
DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
4	12.71372	11.08	Pk	10.4	.4	-40	-18.12	29.54	-47.66	-	-	0-360
1	12.92436	19.41	Pk	10.4	.4	-40	-9.79	29.54	-39.33	-	-	0-360
2	13.3488	29.52	Pk	10.4	.4	-40	.32	29.54	-29.22	-	-	0-360
3	13.77167	28.85	Pk	10.3	.4	-40	-.45	29.54	-29.99	-	-	0-360
5	14.19454	16.44	Pk	10.3	.4	-40	-12.86	29.54	-42.4	-	-	0-360
6	14.40362	10.83	Pk	10.3	.4	-40	-18.47	29.54	-48.01	-	-	0-360

Pk - Peak detector

8.2.2. READER MODE

FUNDAMENTAL Type A 848Kbps

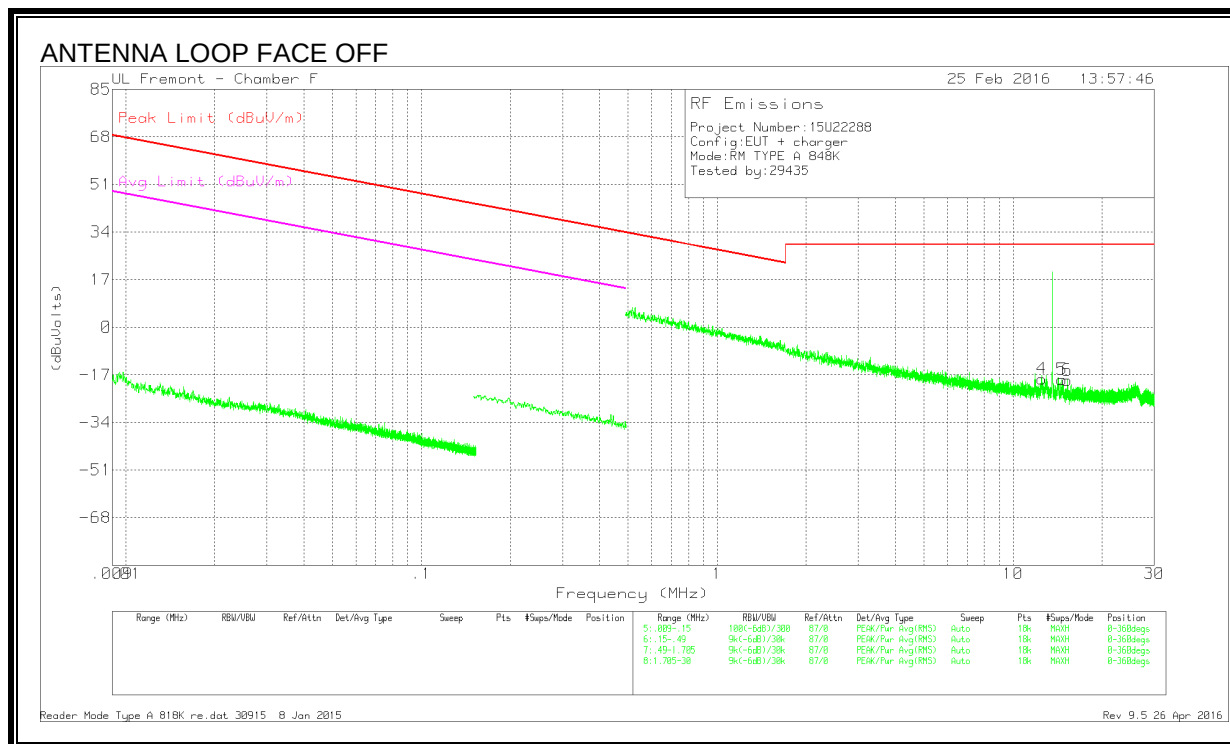
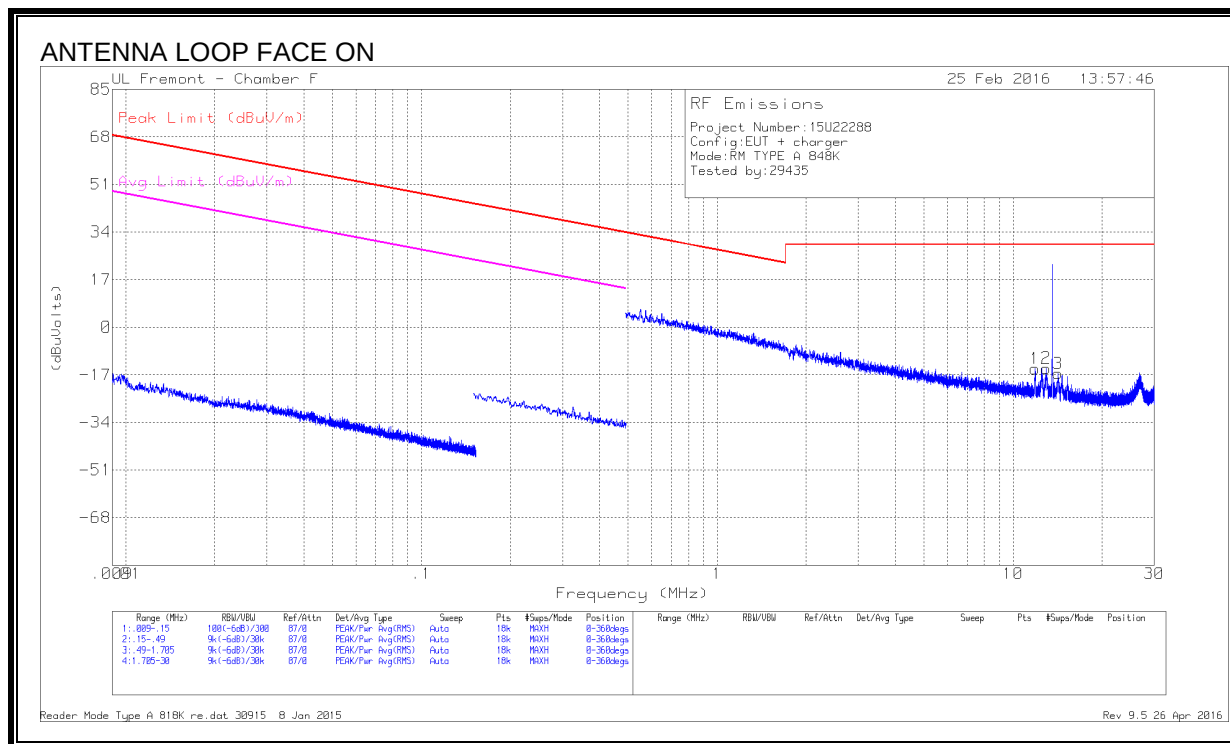


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.55963	52.26	Pk	10.4	.4	-40	23.06	84	-60.94	0-360
2	12.92988	17.39	Pk	10.4	.4	-40	-11.81	29.54	-41.35	0-360
3	14.1945	15.99	Pk	10.3	.4	-40	-13.31	29.54	-42.85	0-360
4	13.55763	50.05	Pk	10.4	.4	-40	20.85	84	-63.15	0-360
5	12.9515	16.13	Pk	10.4	.4	-40	-13.07	29.54	-42.61	0-360
6	14.18293	15.23	Pk	10.3	.4	-40	-14.07	29.54	-43.61	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type A 848Kbps

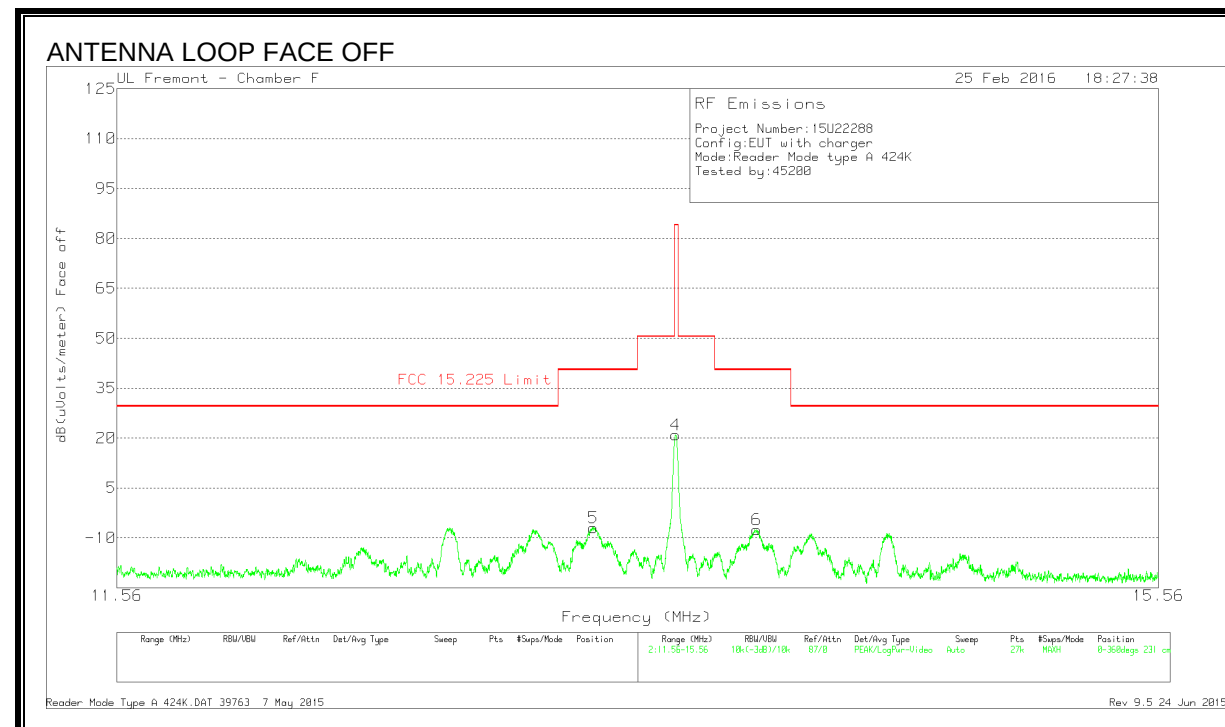
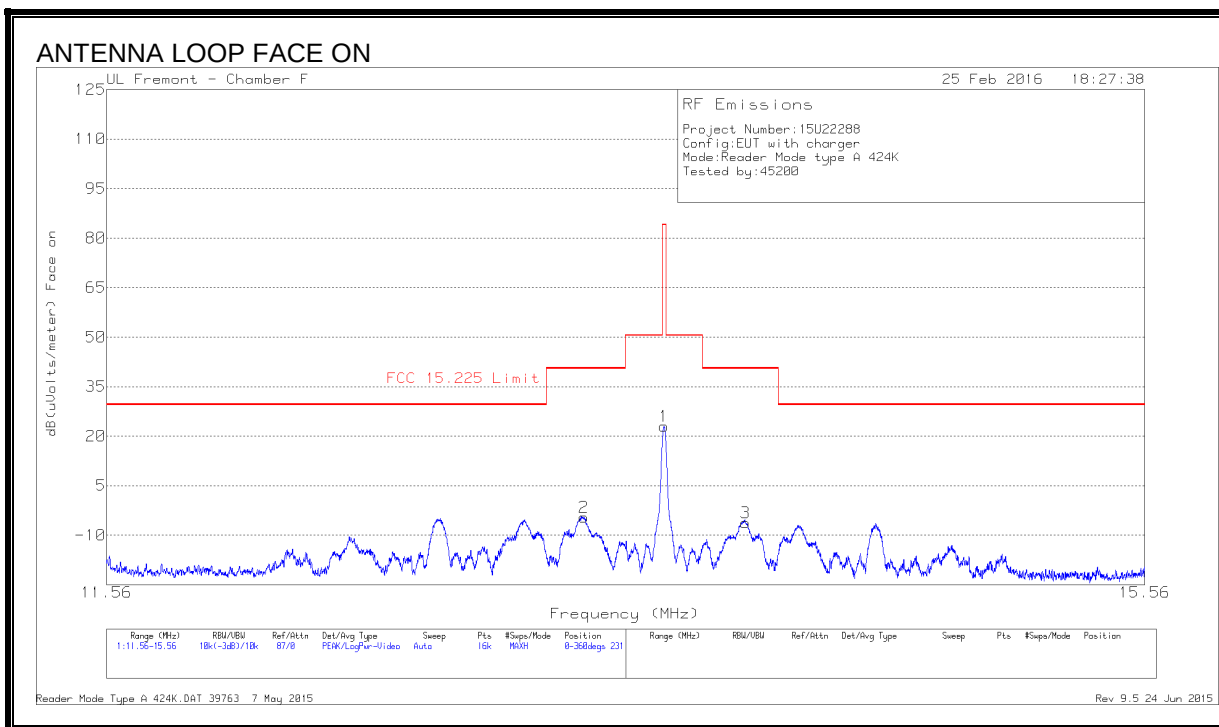


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	11.86169	14.37	Pk	10.4	.4	-40	-14.83	29.54	-44.37	-	-	0-360
4	12.51407	10.8	Pk	10.4	.4	-40	-18.4	29.54	-47.94	-	-	0-360
2	12.93458	14.56	Pk	10.4	.4	-40	-14.64	29.54	-44.18	-	-	0-360
3	14.1741	12.8	Pk	10.3	.4	-40	-16.5	29.54	-46.04	-	-	0-360
5	14.63156	10.64	Pk	10.3	.4	-40	-18.66	29.54	-48.2	-	-	0-360
6	15.24464	10.41	Pk	10.3	.4	-40	-18.89	29.54	-48.43	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type A 424Kbps

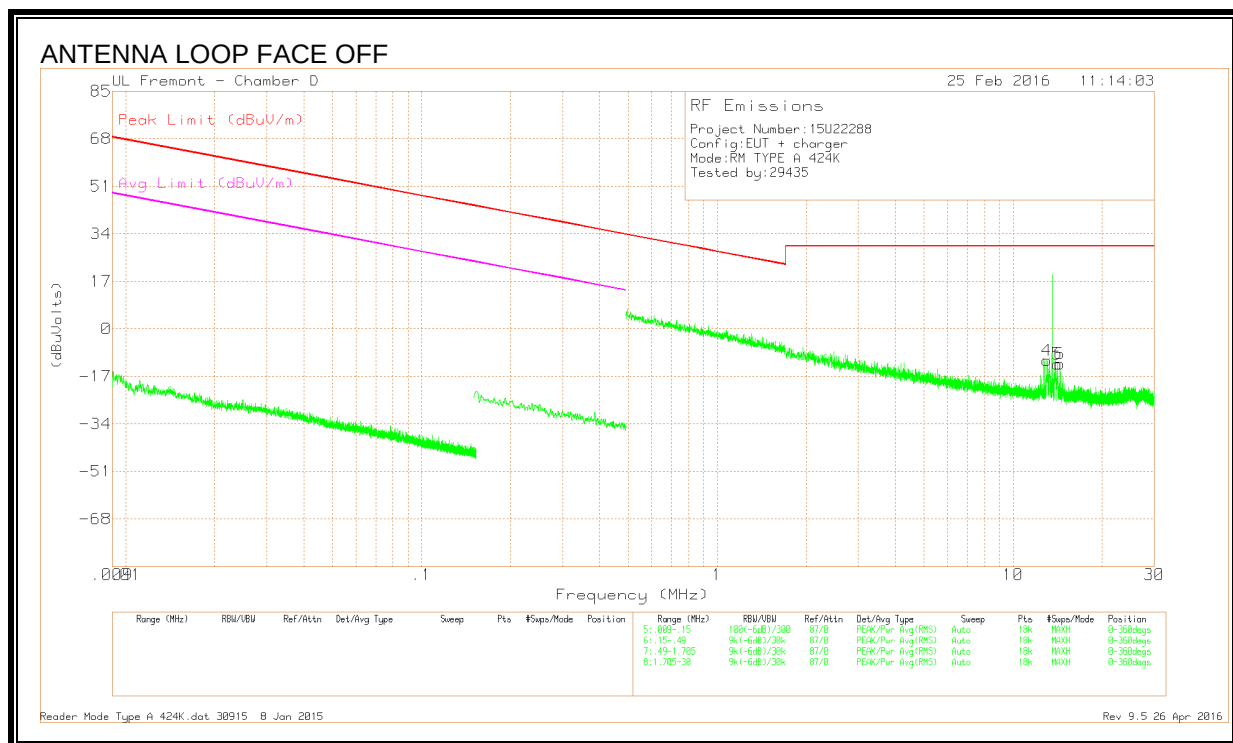
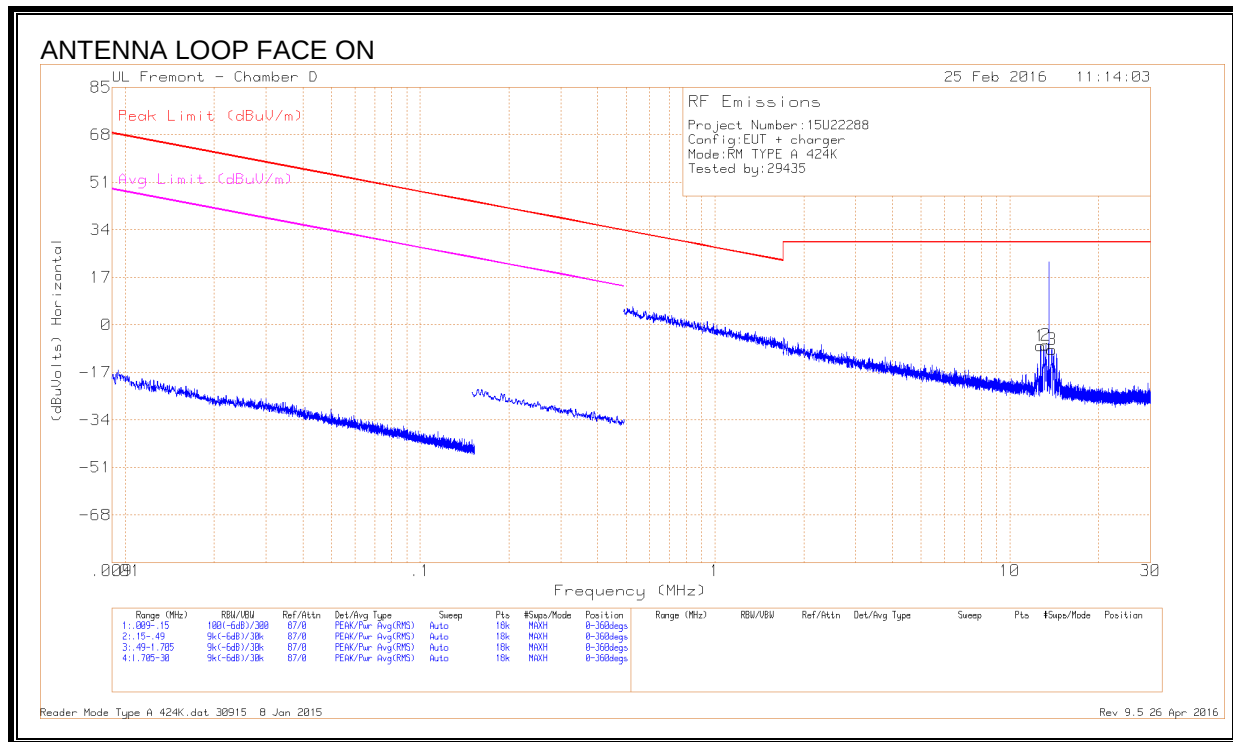


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degr)
1	13.56025	52.13	Pk	10.4	.4	-40	22.93	84	-61.07	0-360
2	13.25313	24.58	Pk	10.4	.4	-40	-4.62	40.51	-45.13	0-360
3	13.87925	23.12	Pk	10.3	.4	-40	-6.18	40.51	-46.69	0-360
4	13.55807	50.14	Pk	10.4	.4	-40	20.94	84	-63.06	0-360
5	13.24217	22.29	Pk	10.4	.4	-40	-6.91	40.51	-47.42	0-360
6	13.87598	21.82	Pk	10.3	.4	-40	-7.48	40.51	-47.99	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type A 424Kbps

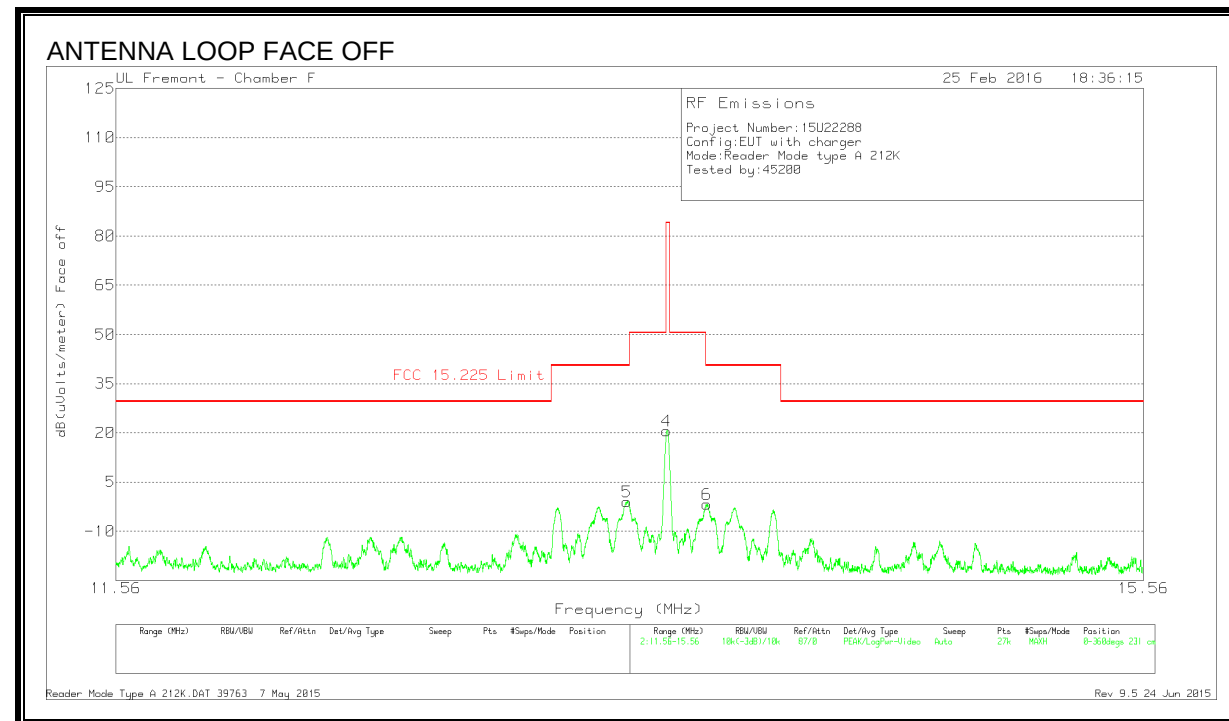
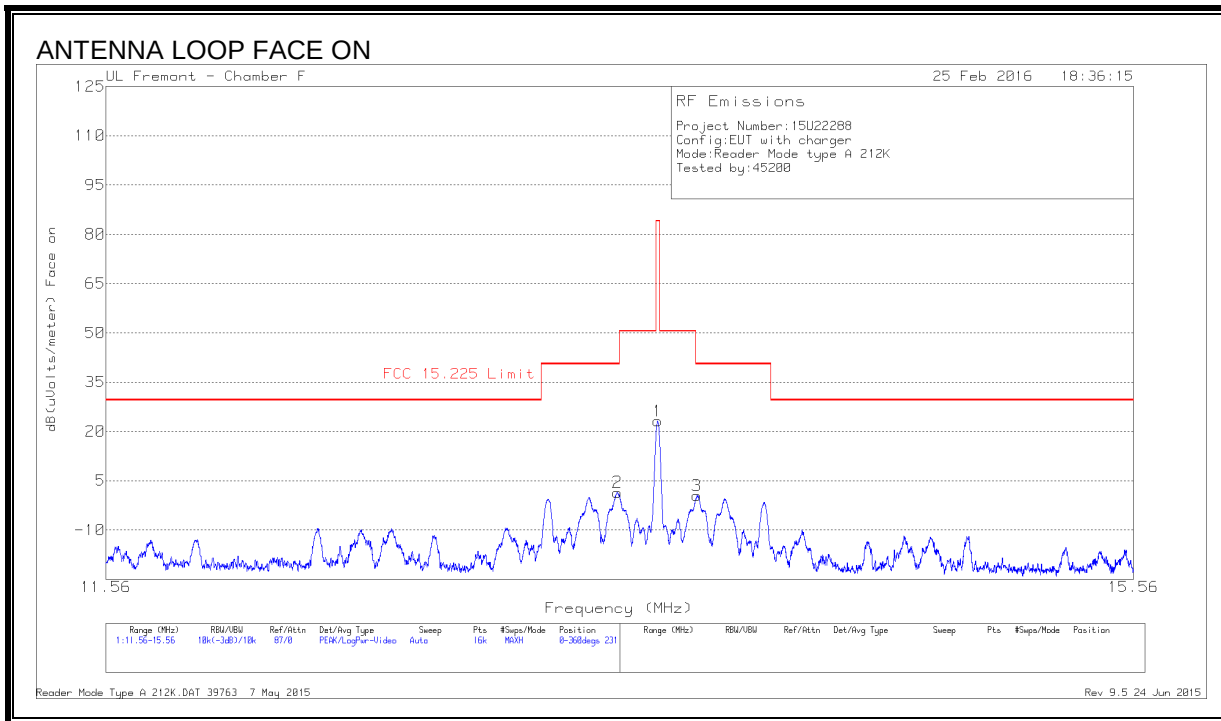


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	12.71607	21.68	Pk	10.4	.4	-40	-7.52	29.54	-37.06	-	-	0-360
4	13.02183	17.86	Pk	10.4	.4	-40	-11.34	29.54	-40.88	-	-	0-360
2	13.24505	21.97	Pk	10.4	.4	-40	-7.23	29.54	-36.77	-	-	0-360
3	13.87385	20.49	Pk	10.3	.4	-40	-8.81	29.54	-38.35	-	-	0-360
5	14.09708	16.74	Pk	10.3	.4	-40	-12.56	29.54	-42.1	-	-	0-360
6	14.40833	16.8	Pk	10.3	.4	-40	-12.5	29.54	-42.04	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type A 212Kbps

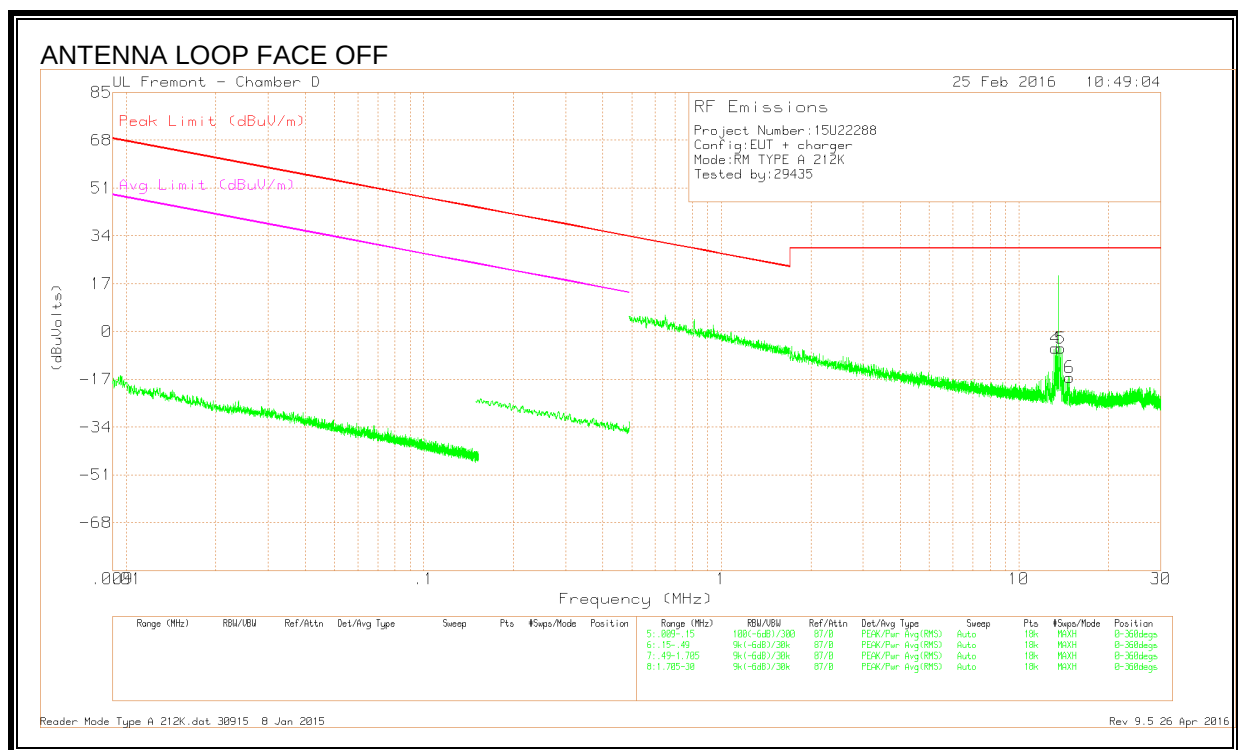
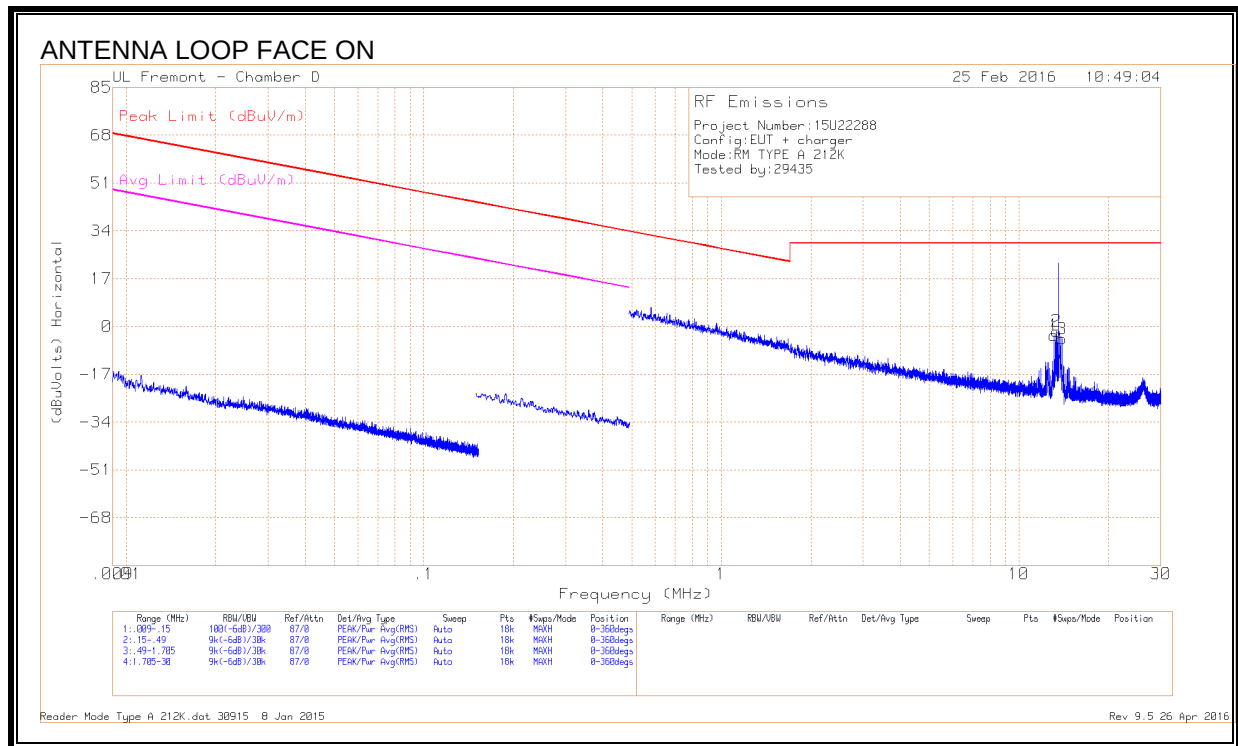


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.55988	52.3	Pk	10.4	.4	-40	23.1	84	-60.9	0-360
2	13.40313	30.68	Pk	10.4	.4	-40	1.48	40.51	-39.03	0-360
3	13.7155	29.63	Pk	10.4	.4	-40	.43	40.51	-40.08	0-360
4	13.55637	49.75	Pk	10.4	.4	-40	20.55	84	-63.45	0-360
5	13.40112	28.1	Pk	10.4	.4	-40	-1.1	40.51	-41.61	0-360
6	13.71407	27.34	Pk	10.4	.4	-40	-1.86	40.51	-42.37	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type A 212Kbps

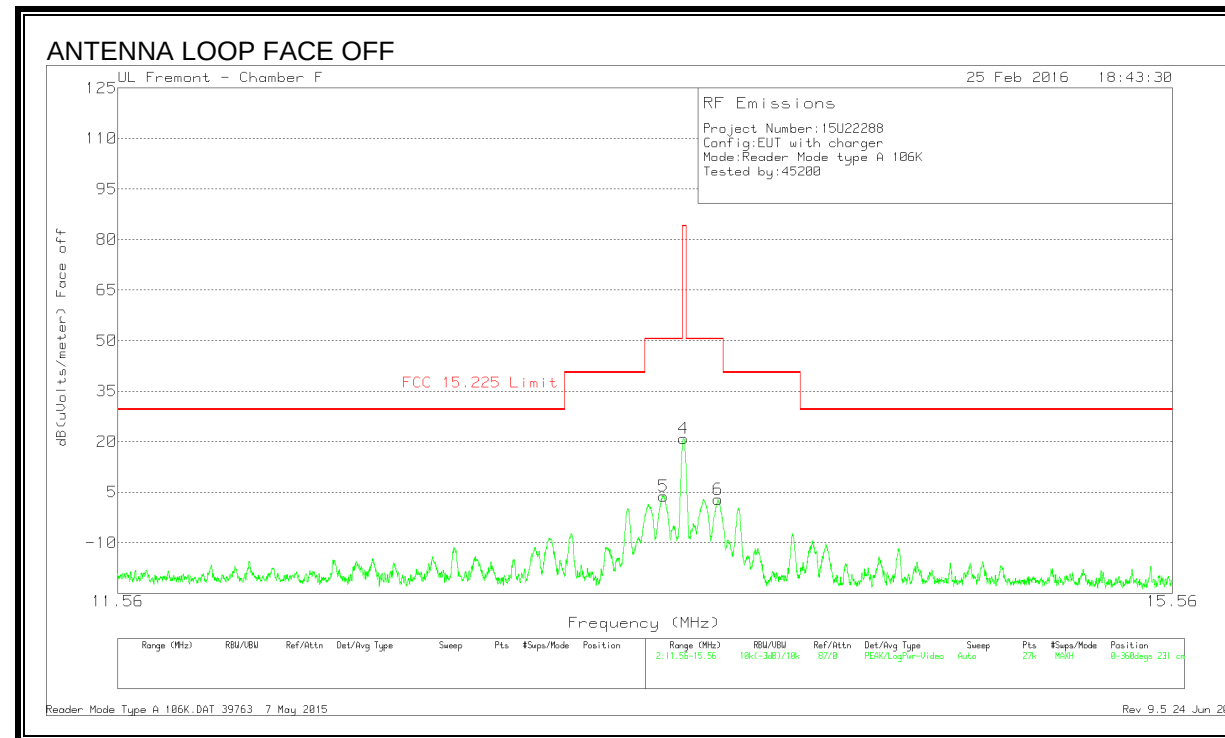
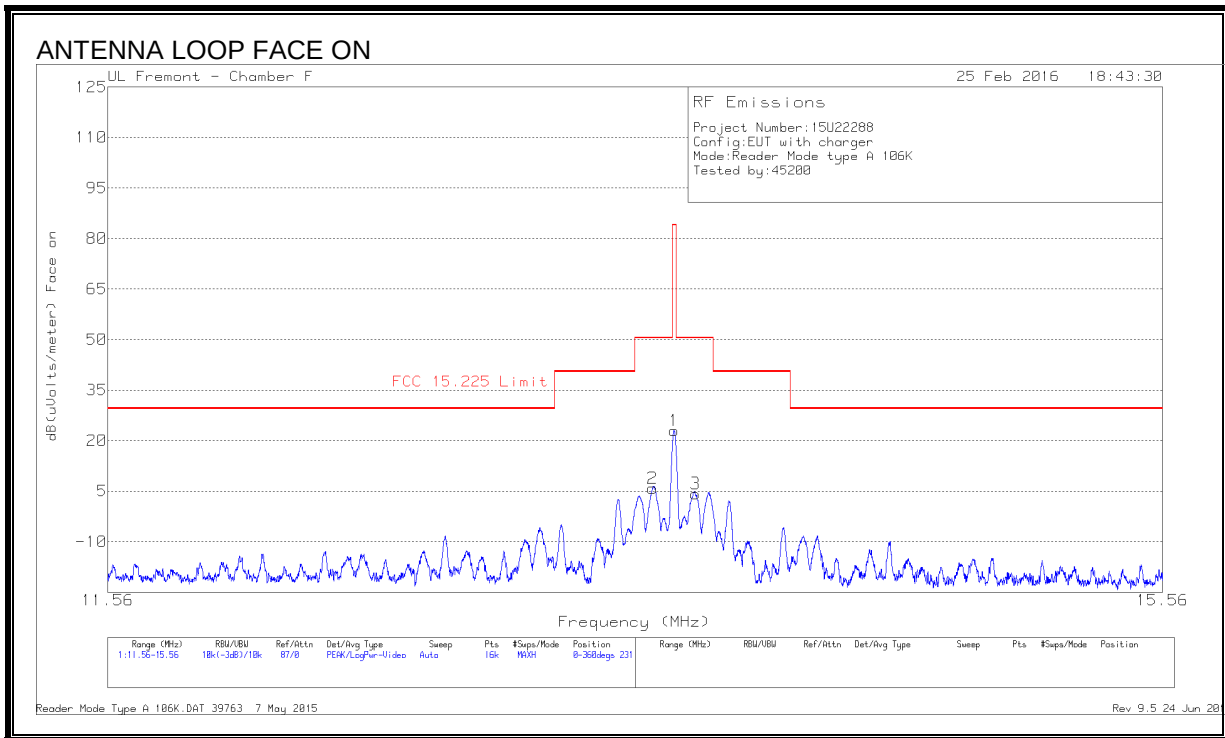


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	13.13658	26.03	Pk	10.4	.4	-40	-3.17	29.54	-32.71	-	-	0-360
4	13.28907	23.23	Pk	10.4	.4	-40	-5.97	29.54	-35.51	-	-	0-360
2	13.40225	27.5	Pk	10.4	.4	-40	-1.7	29.54	-31.24	-	-	0-360
5	13.82669	23.28	Pk	10.3	.4	-40	-6.02	29.54	-35.56	-	-	0-360
3	13.98546	24.87	Pk	10.3	.4	-40	-4.43	29.54	-33.97	-	-	0-360
6	14.82963	12.92	Pk	10.3	.4	-40	-16.38	29.54	-45.92	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type A 106Kbps

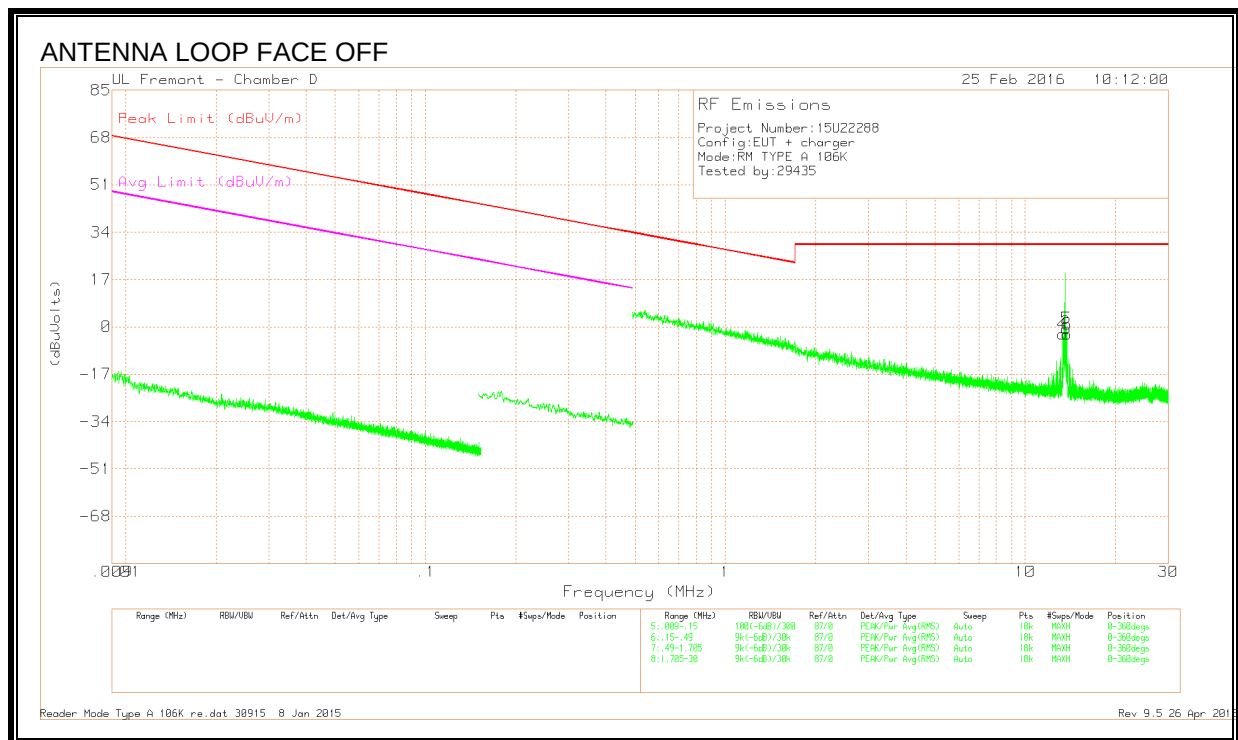
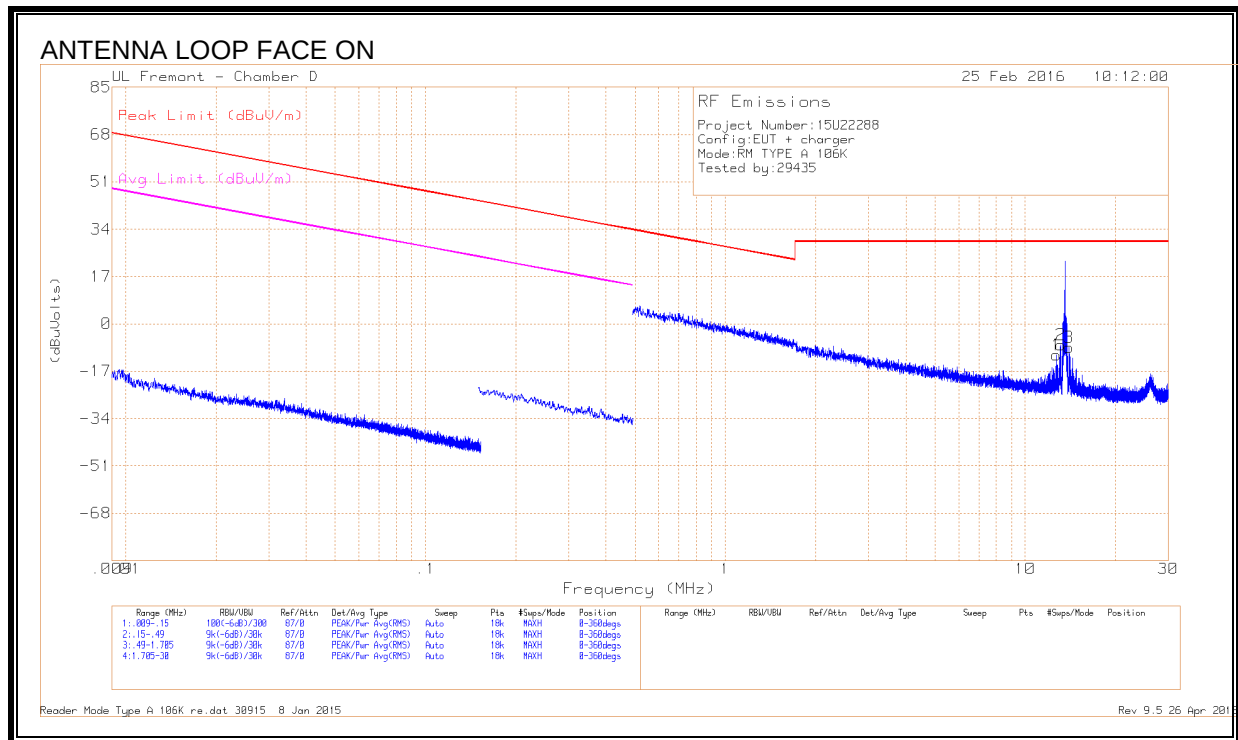


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degr)
1	13.56013	52.15	Pk	10.4	.4	-40	22.95	84	-61.05	0-360
2	13.478	35.07	Pk	10.4	.4	-40	5.87	50.5	-44.63	0-360
3	13.641	33.47	Pk	10.4	.4	-40	4.27	50.5	-46.23	0-360
4	13.55778	50.1	Pk	10.4	.4	-40	20.9	84	-63.1	0-360
5	13.48222	33.05	Pk	10.4	.4	-40	3.85	50.5	-46.65	0-360
6	13.69009	32.12	Pk	10.4	.4	-40	2.92	50.5	-47.58	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type A 106Kbps

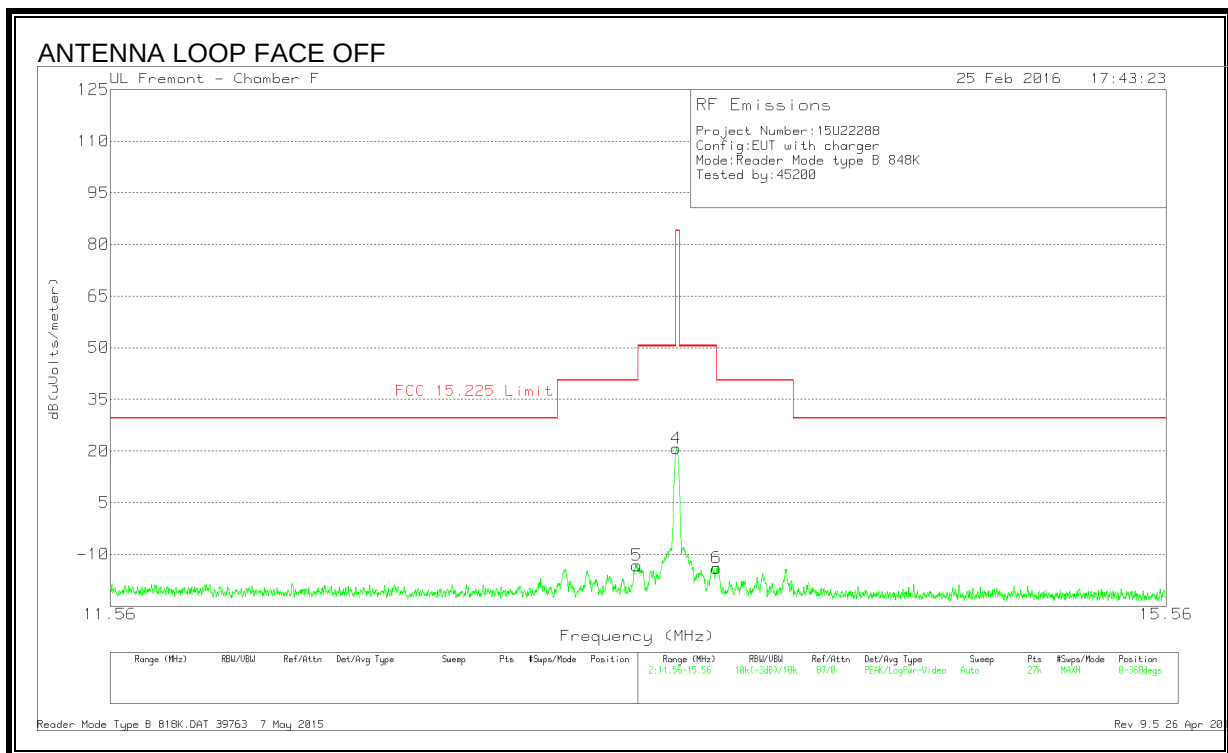
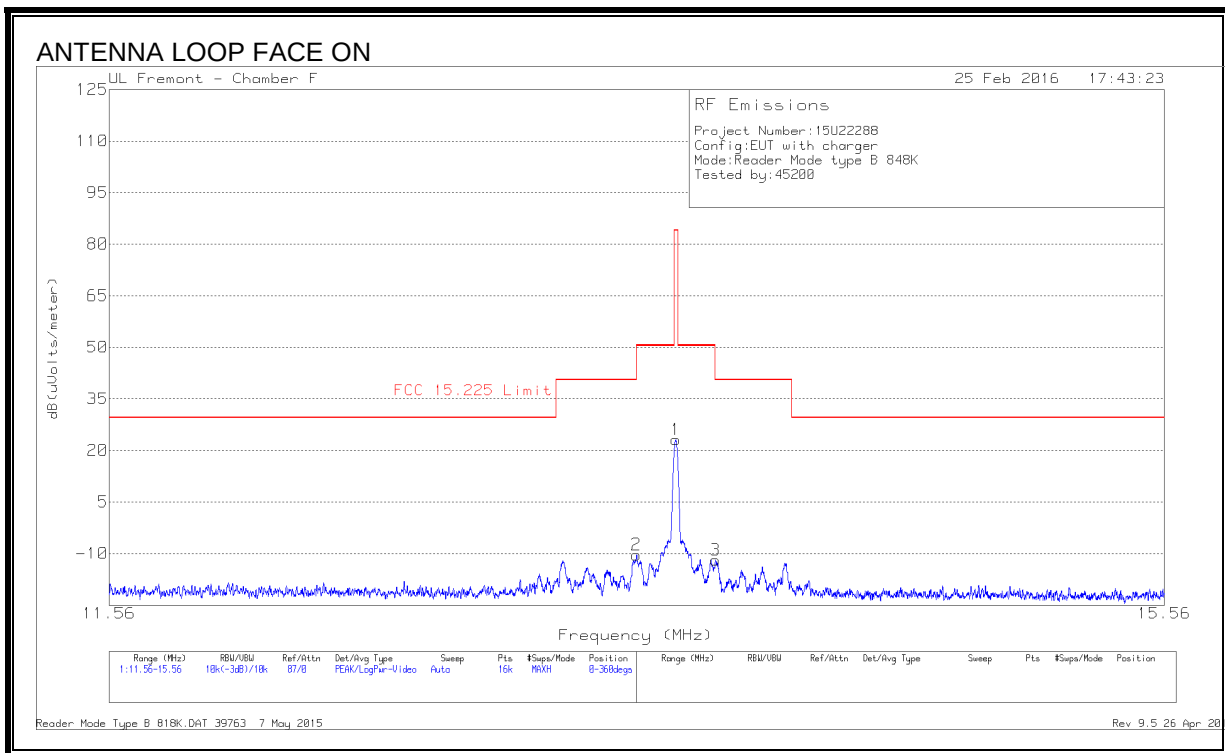


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	12.71214	17.99	Pk	10.4	.4	-40	-11.21	29.54	-40.75	-	-	0-360
2	13.13501	21.61	Pk	10.4	.4	-40	-7.59	29.54	-37.13	-	-	0-360
4	13.35038	26.6	Pk	10.4	.4	-40	-2.6	29.54	-32.14	-	-	0-360
5	13.6915	28.58	Pk	10.4	.4	-40	-.62	29.54	-30.16	-	-	0-360
6	13.7701	26.69	Pk	10.3	.4	-40	-2.61	29.54	-32.15	-	-	0-360
3	13.98389	20.76	Pk	10.3	.4	-40	-8.54	29.54	-38.08	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type B 848Kbps

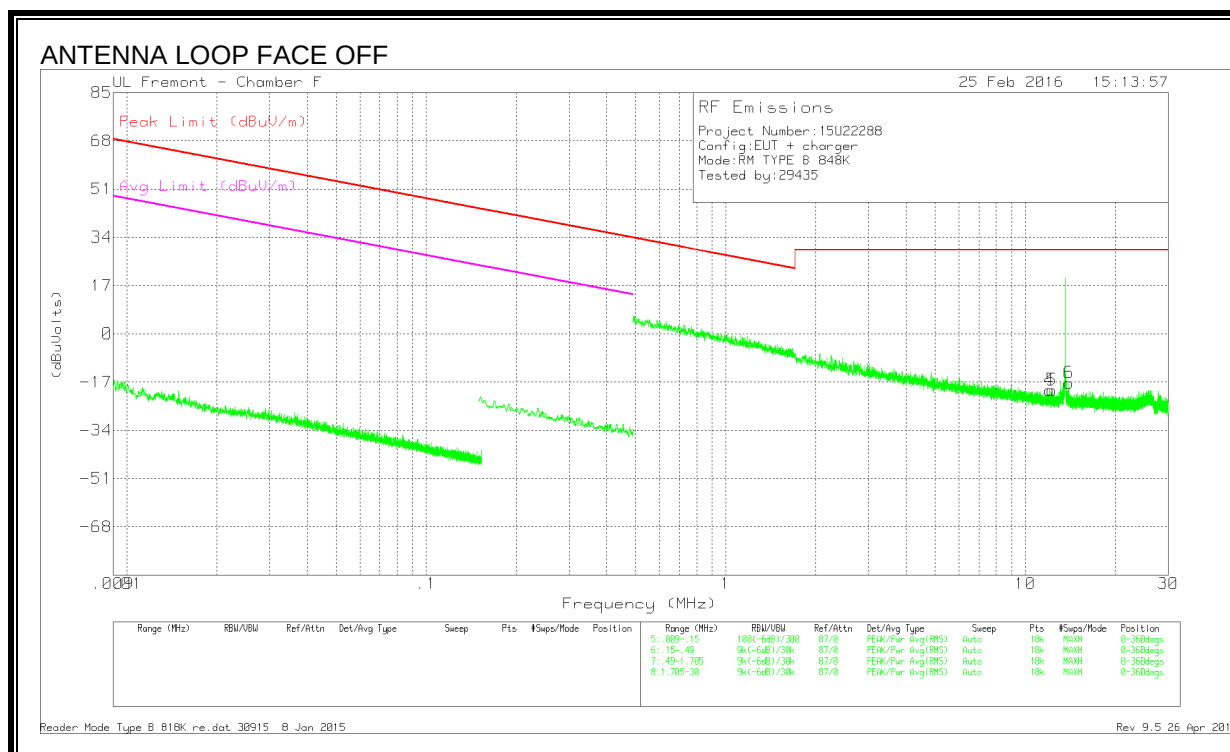
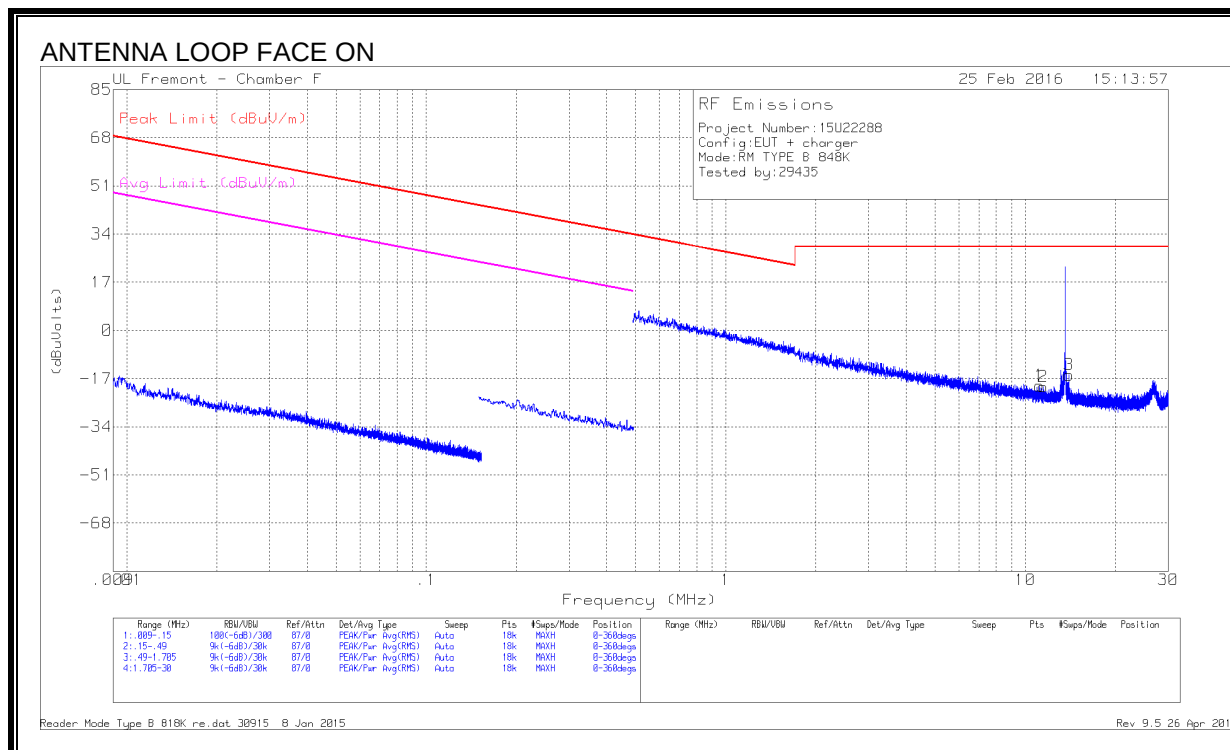


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.56025	52.31	Pk	10.4	.4	-40	23.11	84	-60.89	0-360
2	13.41138	18.84	Pk	10.4	.4	-40	-10.36	50.5	-60.86	0-360
3	13.71288	17.32	Pk	10.4	.4	-40	-11.88	40.51	-52.39	0-360
4	13.55637	49.94	Pk	10.4	.4	-40	20.74	84	-63.26	0-360
5	13.40719	15.96	Pk	10.4	.4	-40	-13.24	40.51	-53.75	0-360
6	13.71155	15.21	Pk	10.4	.4	-40	-13.99	40.51	-54.5	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type B 848Kbps

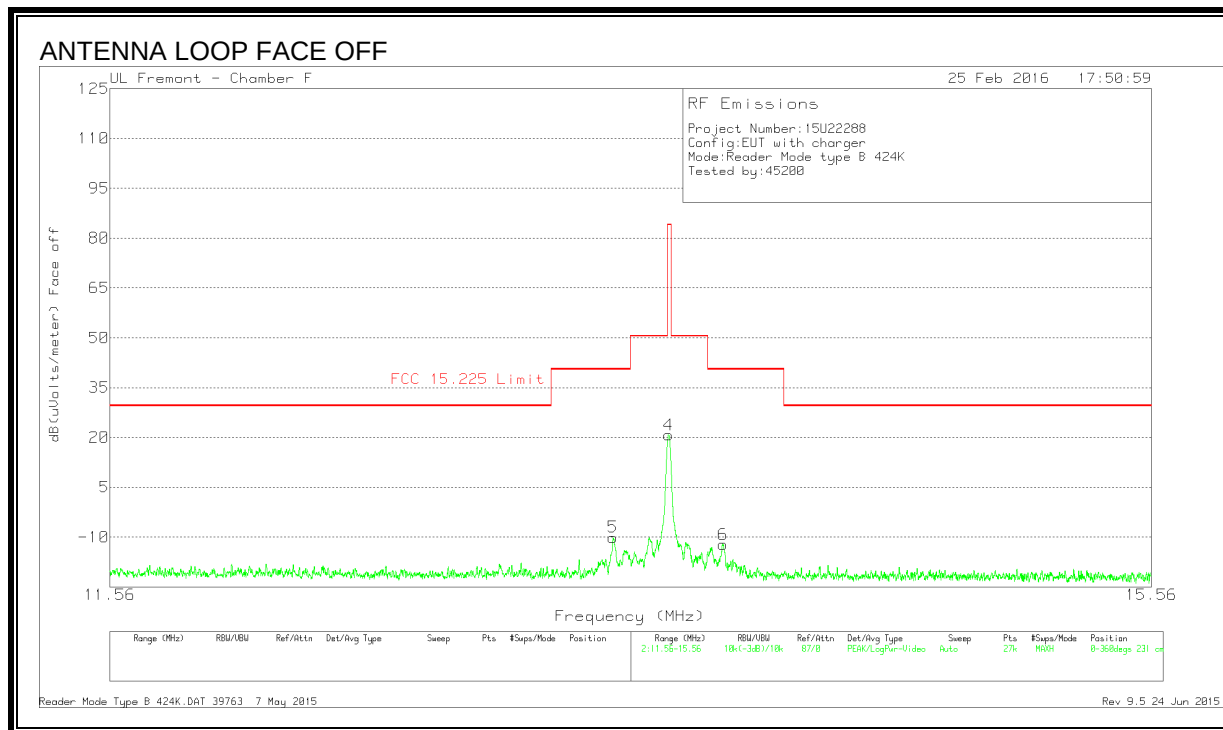
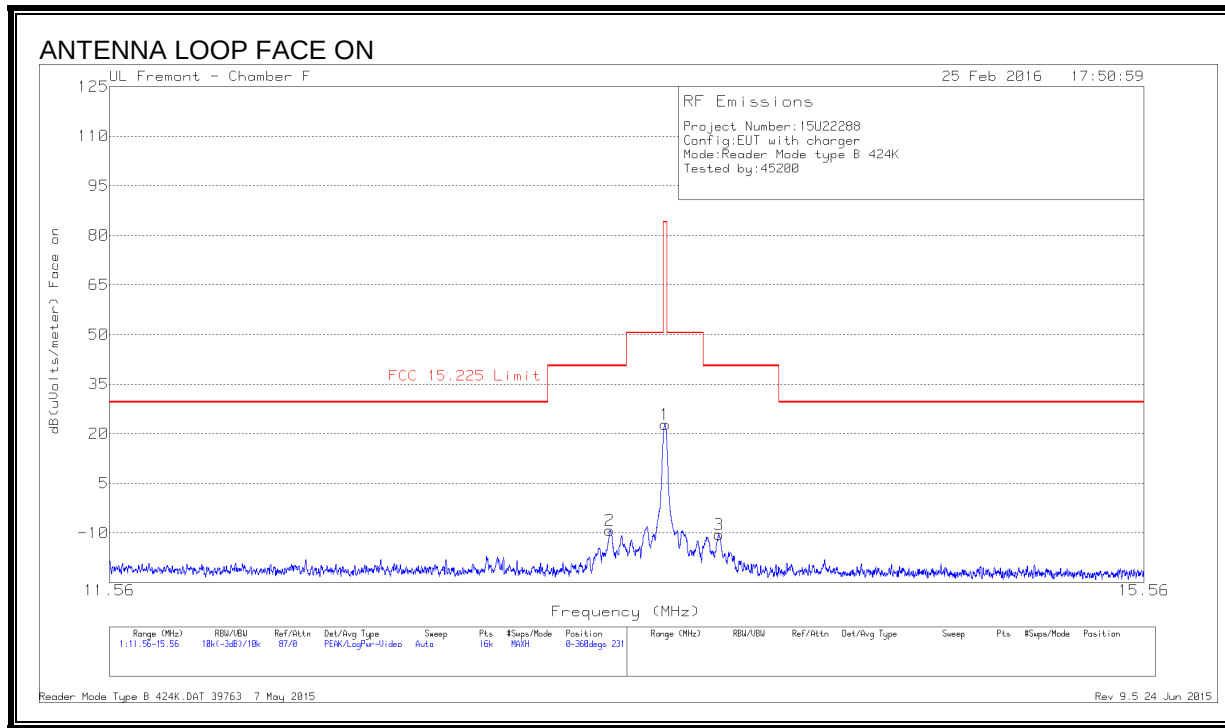


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	11.14329	9.69	Pk	10.5	.3	-40	-19.51	29.54	-49.05	-	-	0-360
2	11.48756	9.41	Pk	10.4	.3	-40	-19.89	29.54	-49.43	-	-	0-360
4	12.05348	9.33	Pk	10.4	.4	-40	-19.87	29.54	-49.41	-	-	0-360
5	12.25312	9.38	Pk	10.4	.4	-40	-19.82	29.54	-49.36	-	-	0-360
3	13.97918	13.58	Pk	10.3	.4	-40	-15.72	29.54	-45.26	-	-	0-360
6	13.97918	12	Pk	10.3	.4	-40	-17.3	29.54	-46.84	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type B 424Kbps

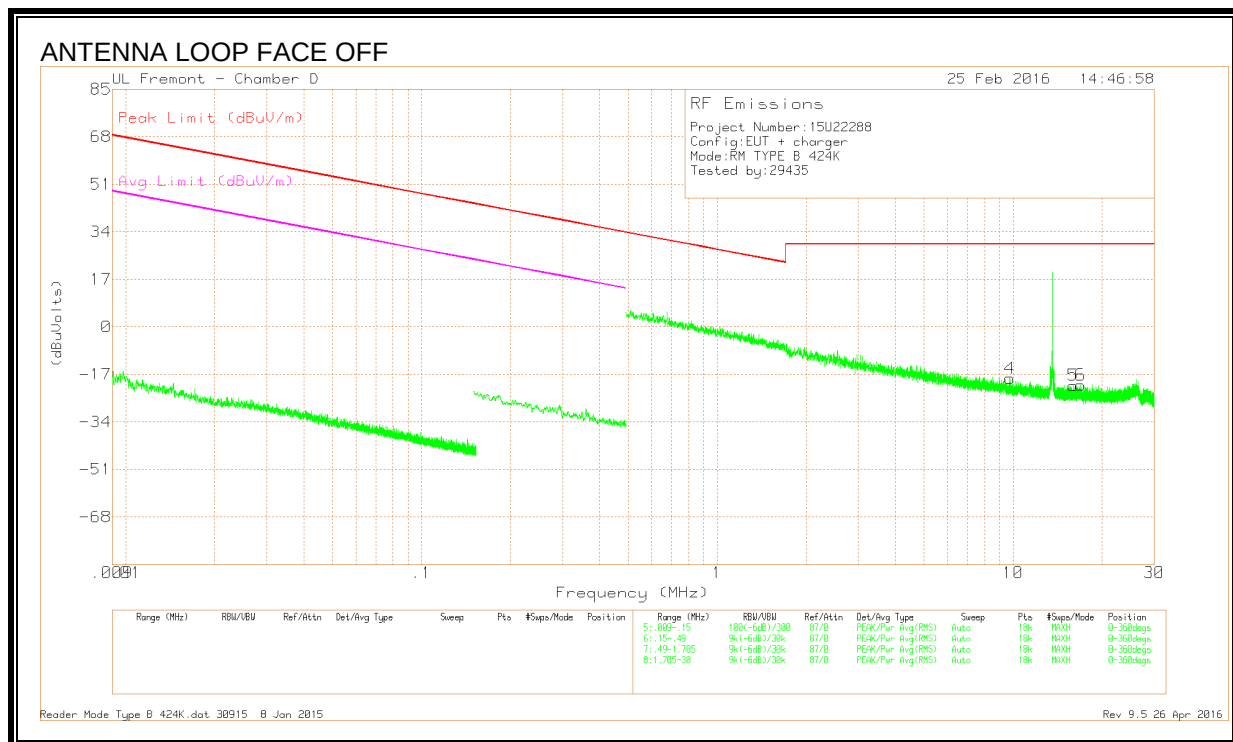
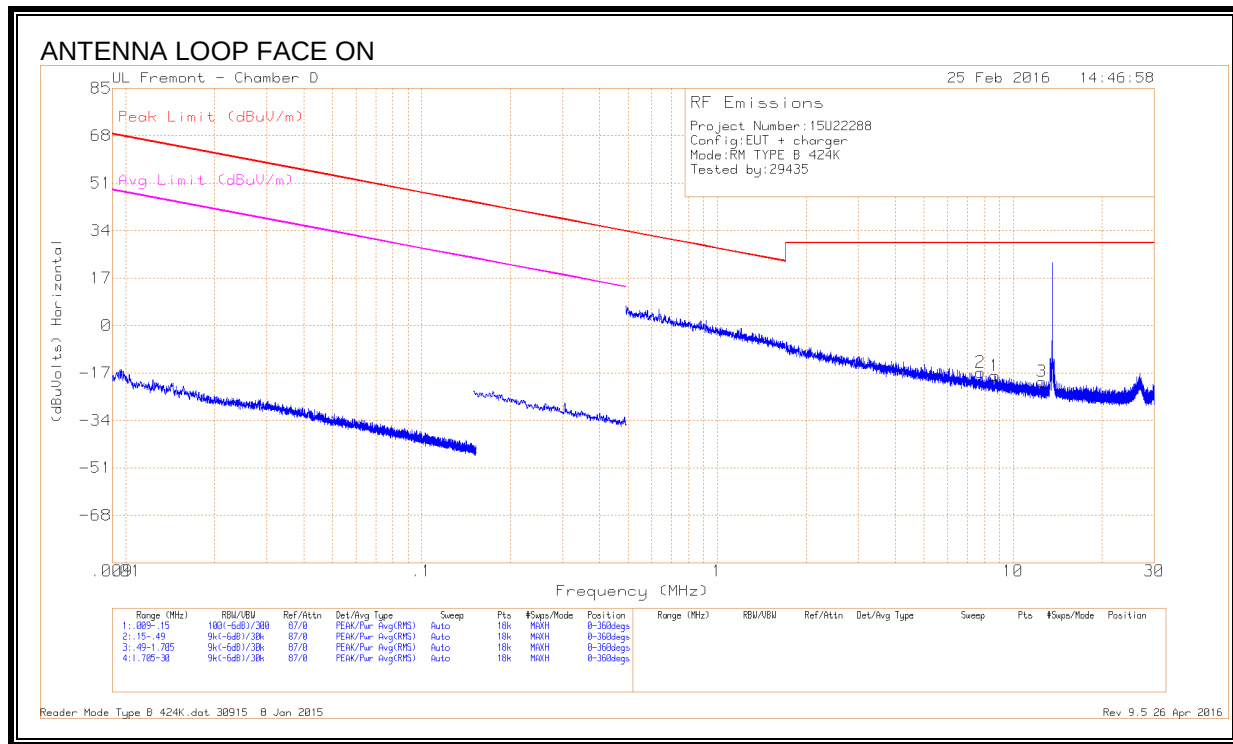


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.5615	51.95	Pk	10.4	.4	-40	22.75	84	-61.25	0-360
2	13.34738	19.95	Pk	10.4	.4	-40	-9.25	40.51	-49.76	0-360
3	13.77188	18.84	Pk	10.3	.4	-40	-10.46	40.51	-50.97	0-360
4	13.55807	50.02	Pk	10.4	.4	-40	20.82	84	-63.18	0-360
5	13.34481	19.14	Pk	10.4	.4	-40	-10.06	40.51	-50.57	0-360
6	13.76927	17.13	Pk	10.3	.4	-40	-12.17	40.51	-52.68	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type B 424Kbps

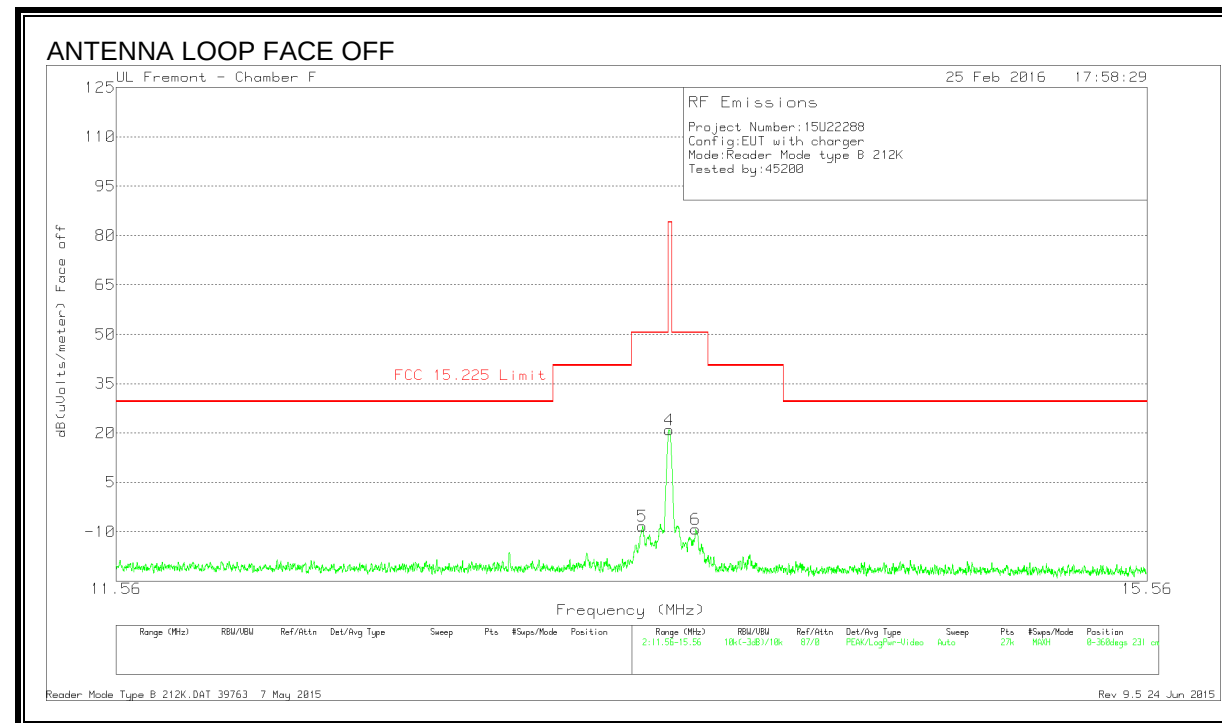
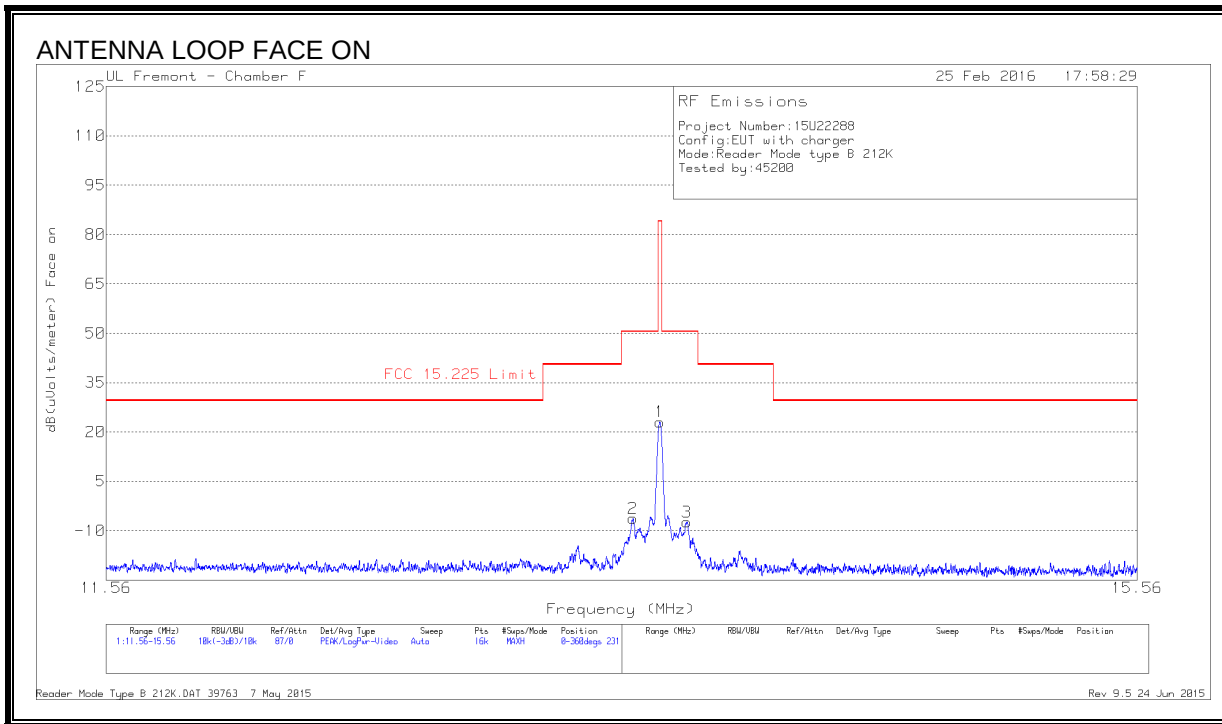


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
2	7.75563	12.41	Pk	10.5	.3	-40	-16.79	29.54	-46.33	-	-	0-360
1	8.68311	11.28	Pk	10.4	.3	-40	-18.02	29.54	-47.56	-	-	0-360
4	9.7505	10.77	Pk	10.5	.3	-40	-18.43	29.54	-47.97	-	-	0-360
3	12.5125	9.13	Pk	10.4	.4	-40	-20.07	29.54	-49.61	-	-	0-360
5	15.9654	8.44	Pk	10.2	.4	-40	-20.96	29.54	-50.5	-	-	0-360
6	16.91096	8.59	Pk	10.1	.5	-40	-20.81	29.54	-50.35	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type B 212Kbps

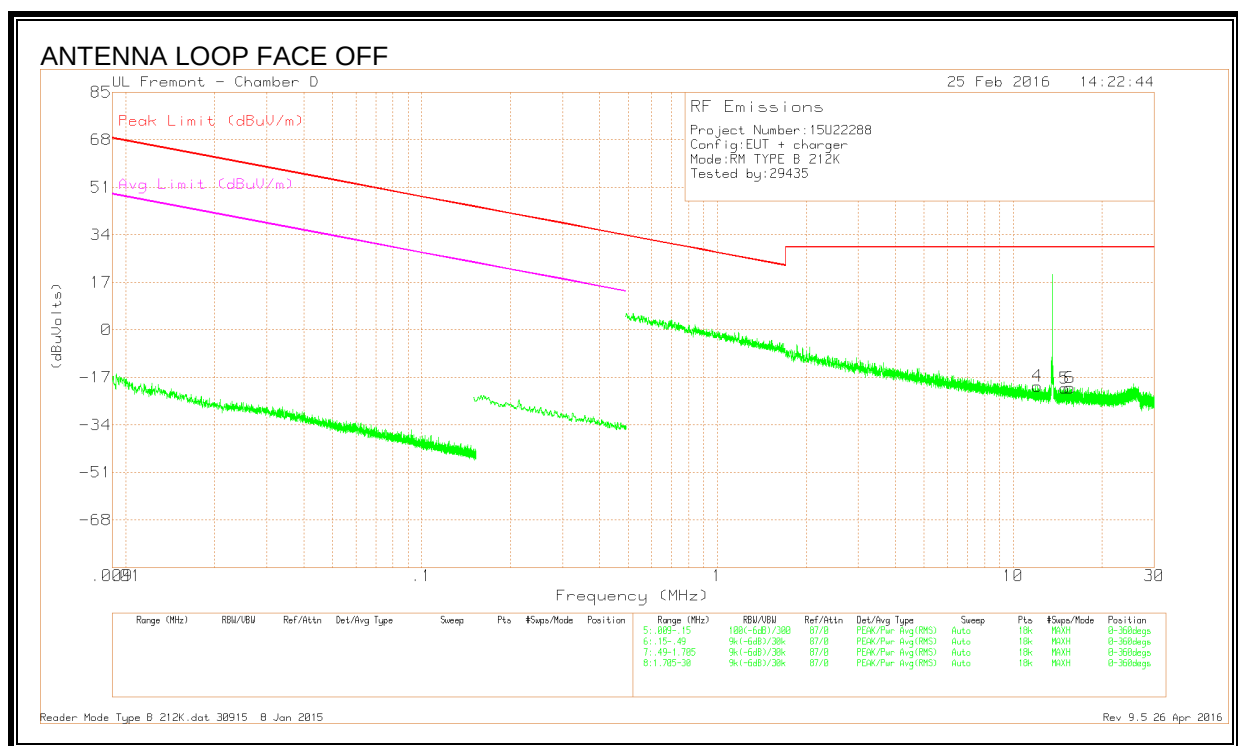
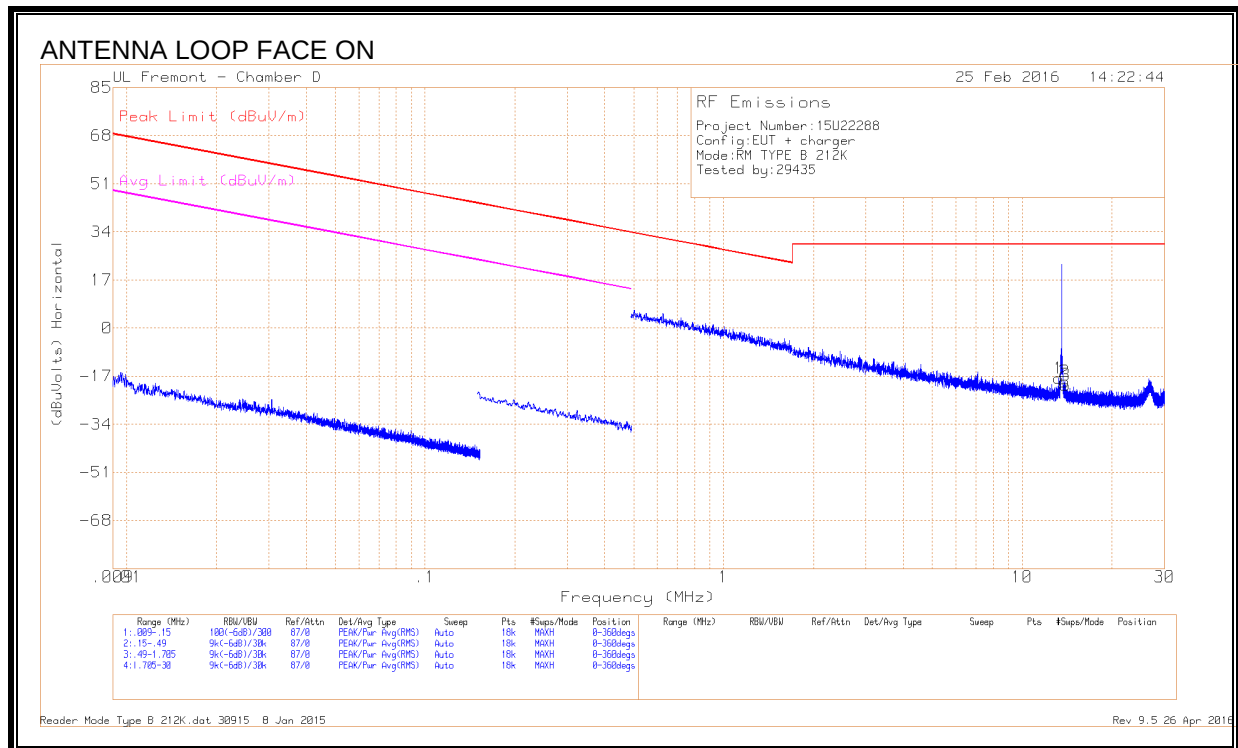


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.55988	52.29	Pk	10.4	.4	-40	23.09	84	-60.91	0-360
2	13.45588	22.97	Pk	10.4	.4	-40	-6.23	50.5	-56.73	0-360
3	13.66663	21.79	Pk	10.4	.4	-40	-7.41	50.5	-57.91	0-360
4	13.55763	50.19	Pk	10.4	.4	-40	20.99	84	-63.01	0-360
5	13.45359	20.9	Pk	10.4	.4	-40	-8.3	50.5	-58.8	0-360
6	13.66167	19.89	Pk	10.4	.4	-40	-9.31	50.5	-59.81	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type B 212Kbps

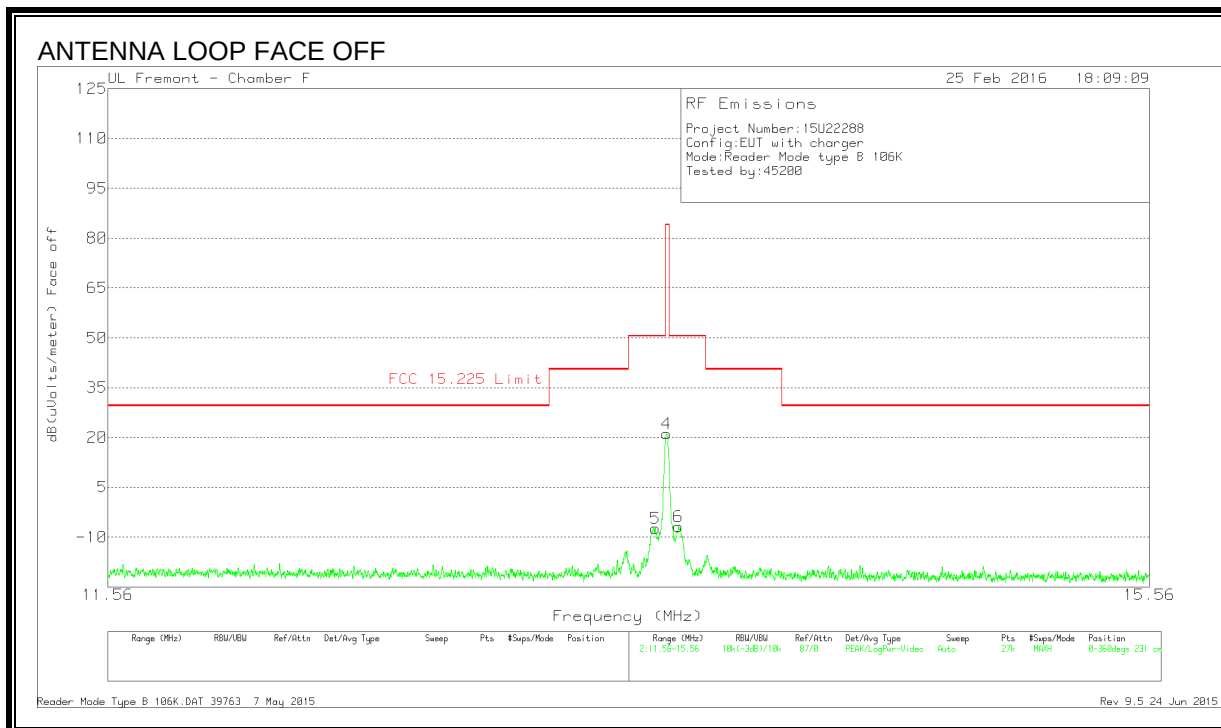
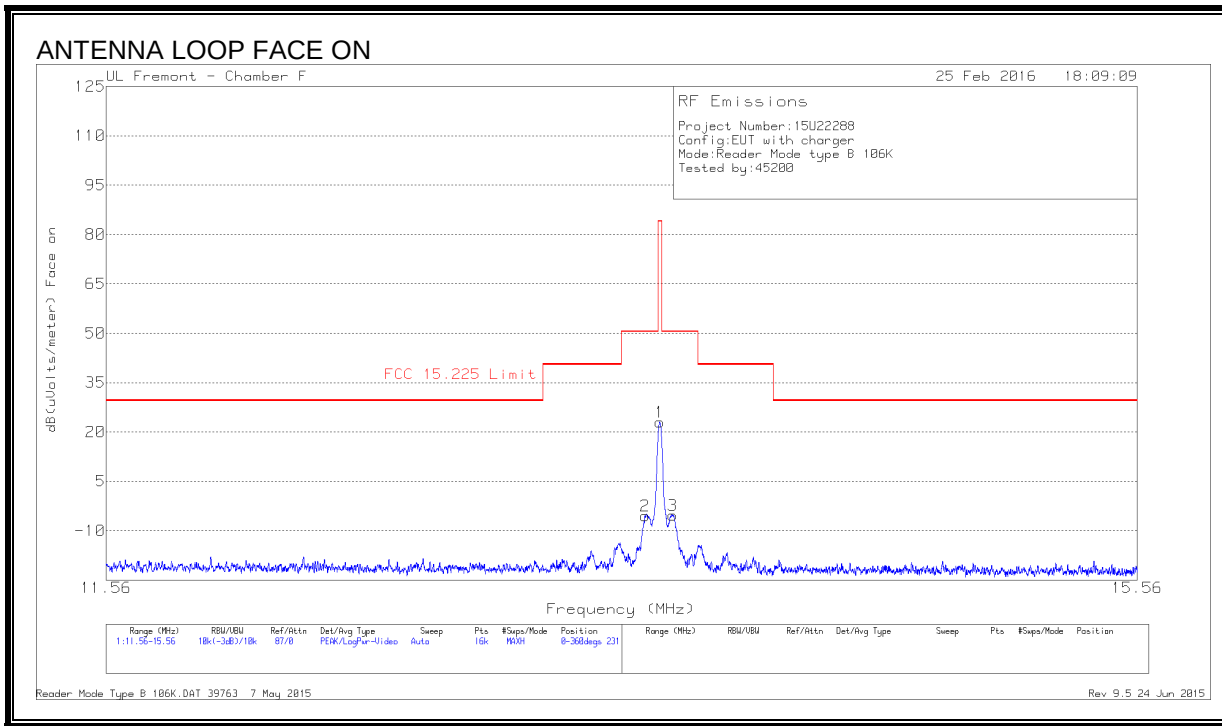


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
4	12.08649	9.11	Pk	10.4	.4	-40	-20.09	29.54	-49.63	-	-	0-360
1	13.24191	11.42	Pk	10.4	.4	-40	-17.78	29.54	-47.32	-	-	0-360
2	13.877	10.38	Pk	10.3	.4	-40	-18.92	29.54	-48.46	-	-	0-360
3	13.94616	9.15	Pk	10.3	.4	-40	-20.15	29.54	-49.69	-	-	0-360
5	14.97268	8.47	Pk	10.3	.4	-40	-20.83	29.54	-50.37	-	-	0-360
6	15.57633	8.69	Pk	10.2	.4	-40	-20.71	29.54	-50.25	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type B 106kbps

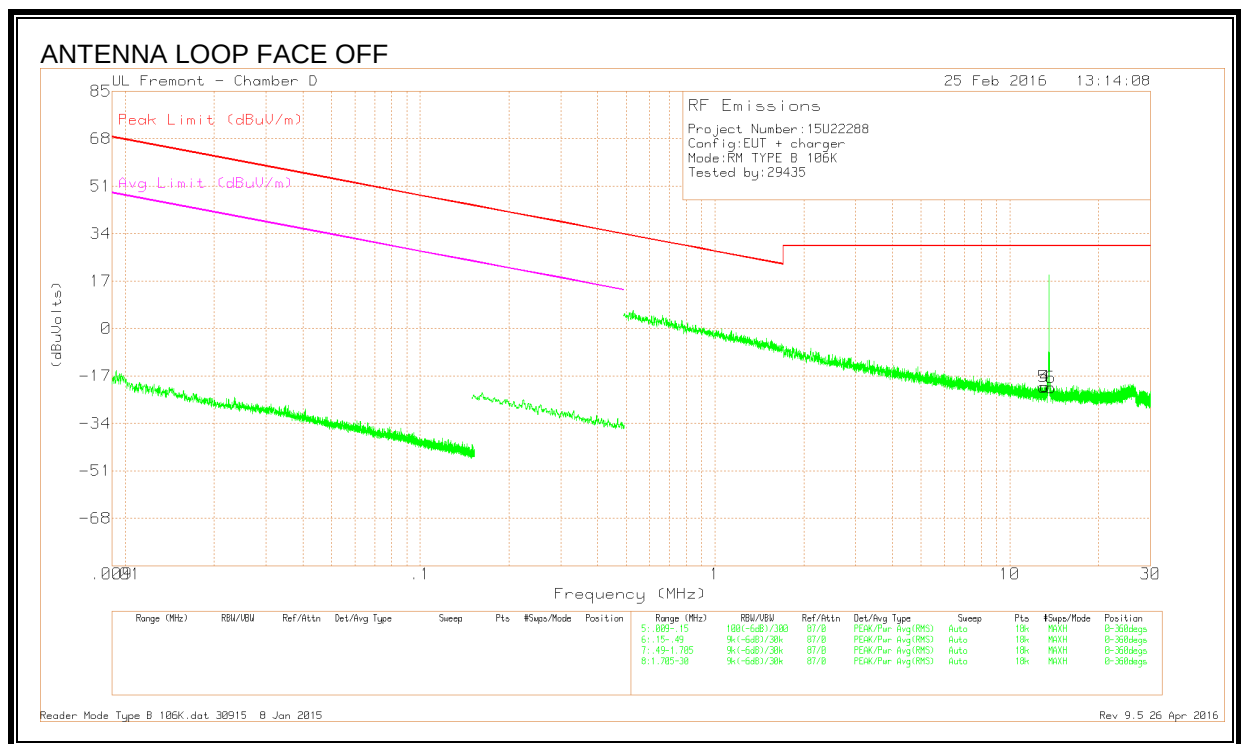
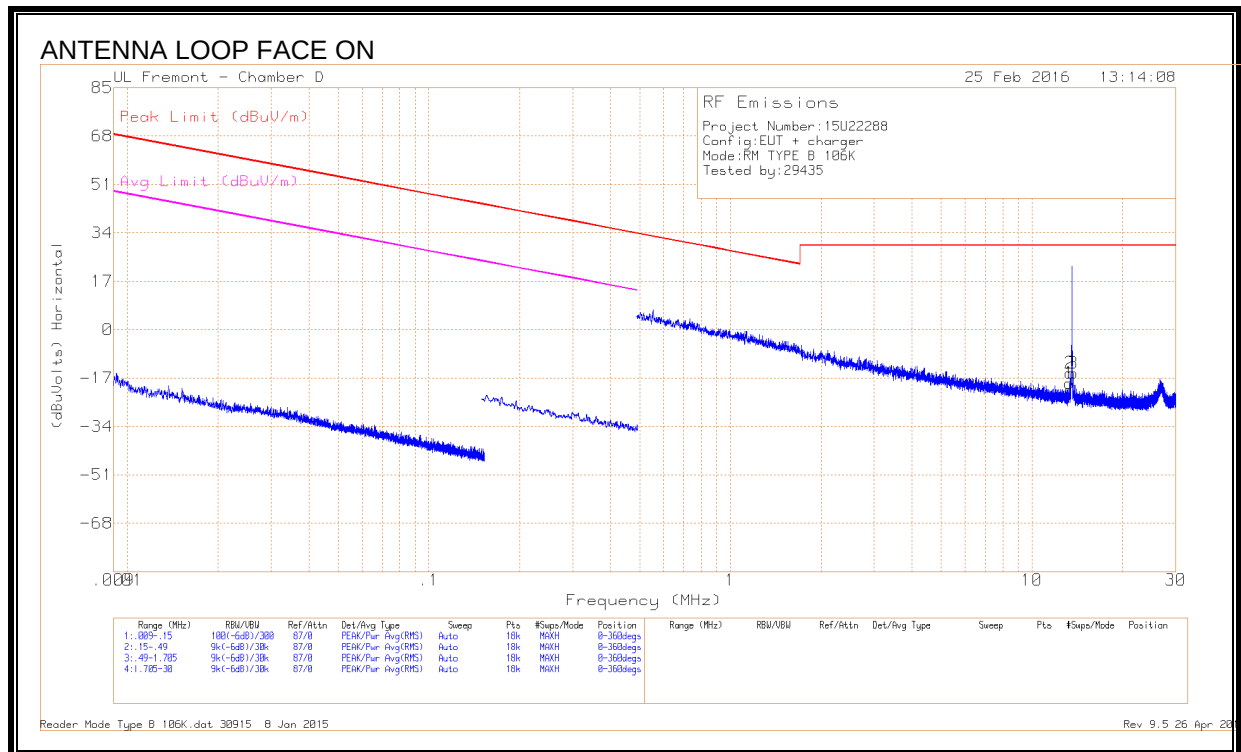


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degr)
1	13.55988	52.25	Pk	10.4	.4	-40	23.05	84	-60.95	0-360
2	13.502	23.72	Pk	10.4	.4	-40	-5.48	50.5	-55.98	0-360
3	13.61038	23.92	Pk	10.4	.4	-40	-5.28	50.5	-55.78	0-360
4	13.55793	50.28	Pk	10.4	.4	-40	21.08	84	-62.92	0-360
5	13.51404	21.89	Pk	10.4	.4	-40	-7.31	50.5	-57.81	0-360
6	13.60425	22.46	Pk	10.4	.4	-40	-6.74	50.5	-57.24	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type B 106Kbps

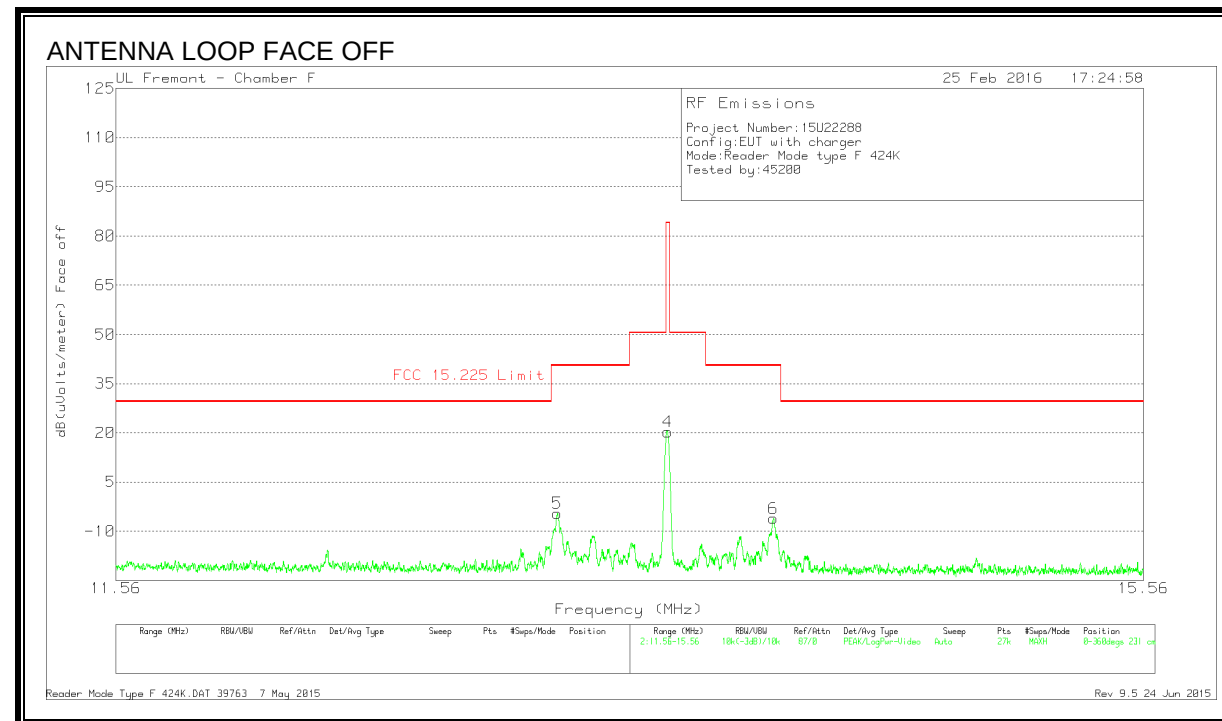
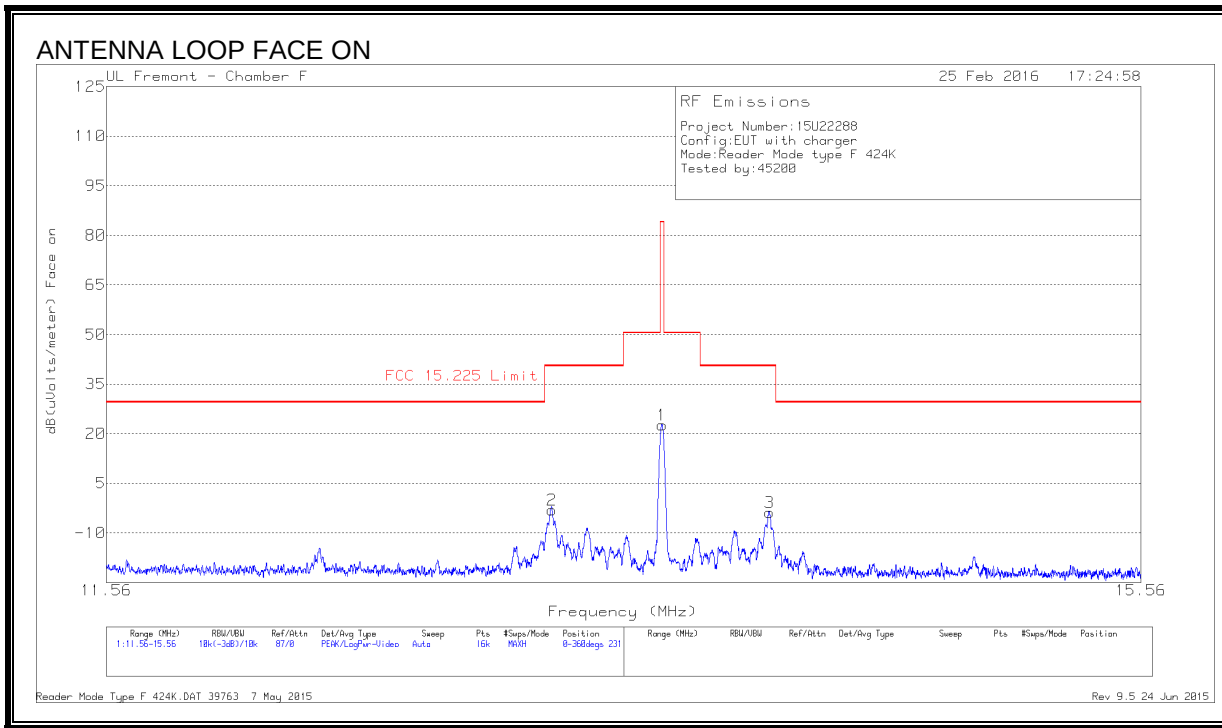


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
5	13.03598	8.28	Pk	10.4	.4	-40	-20.92	29.54	-50.46	-	-	0-360
4	13.17431	8.33	Pk	10.4	.4	-40	-20.87	29.54	-50.41	-	-	0-360
1	13.29457	10.41	Pk	10.4	.4	-40	-18.79	29.54	-48.33	-	-	0-360
2	13.40225	13.93	Pk	10.4	.4	-40	-15.27	29.54	-44.81	-	-	0-360
3	13.71822	13.86	Pk	10.4	.4	-40	-15.34	29.54	-44.88	-	-	0-360
6	13.79525	8.13	Pk	10.3	.4	-40	-21.17	29.54	-50.71	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type F 424Kbps

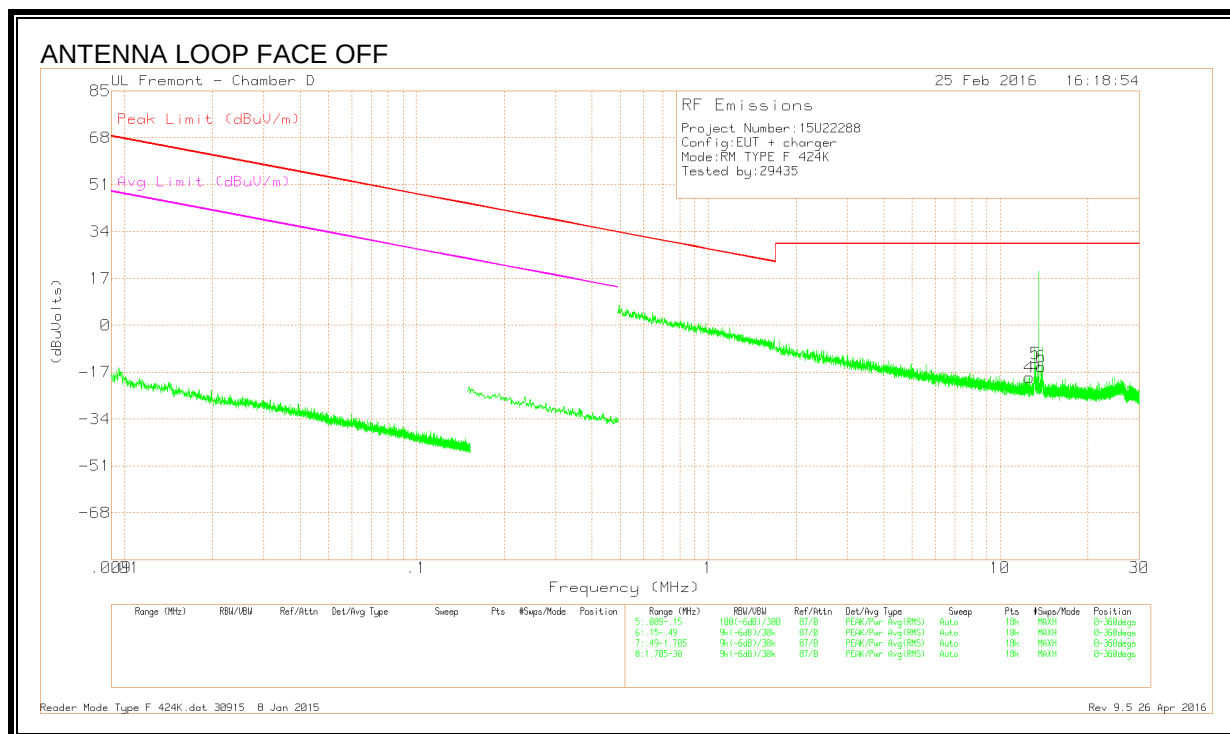
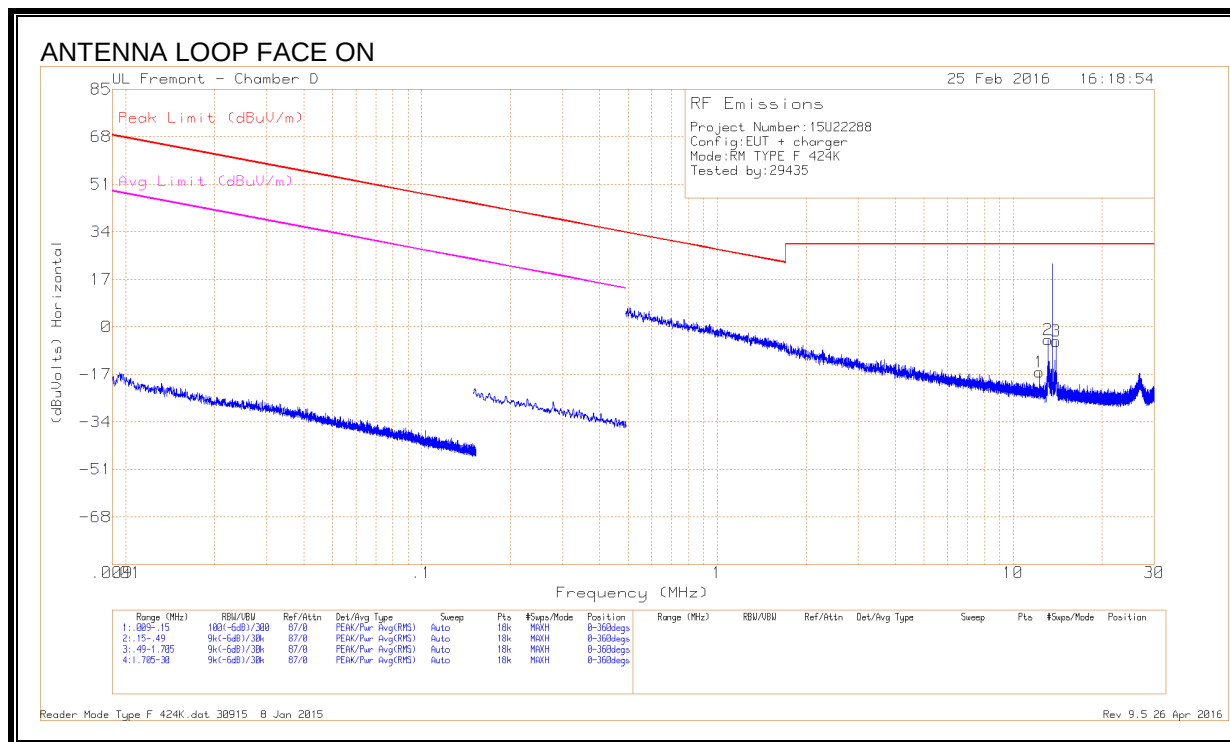


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.5615	51.83	Pk	10.4	.4	-40	22.63	84	-61.37	0-360
2	13.13925	26.08	Pk	10.4	.4	-40	-3.12	40.51	-43.63	0-360
3	13.98525	25.56	Pk	10.3	.4	-40	-3.74	40.51	-44.25	0-360
4	13.55963	49.5	Pk	10.4	.4	-40	20.3	84	-63.7	0-360
5	13.13413	24.72	Pk	10.4	.4	-40	-4.48	40.51	-44.99	0-360
6	13.9815	23.19	Pk	10.3	.4	-40	-6.11	40.51	-46.62	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type F 424Kbps

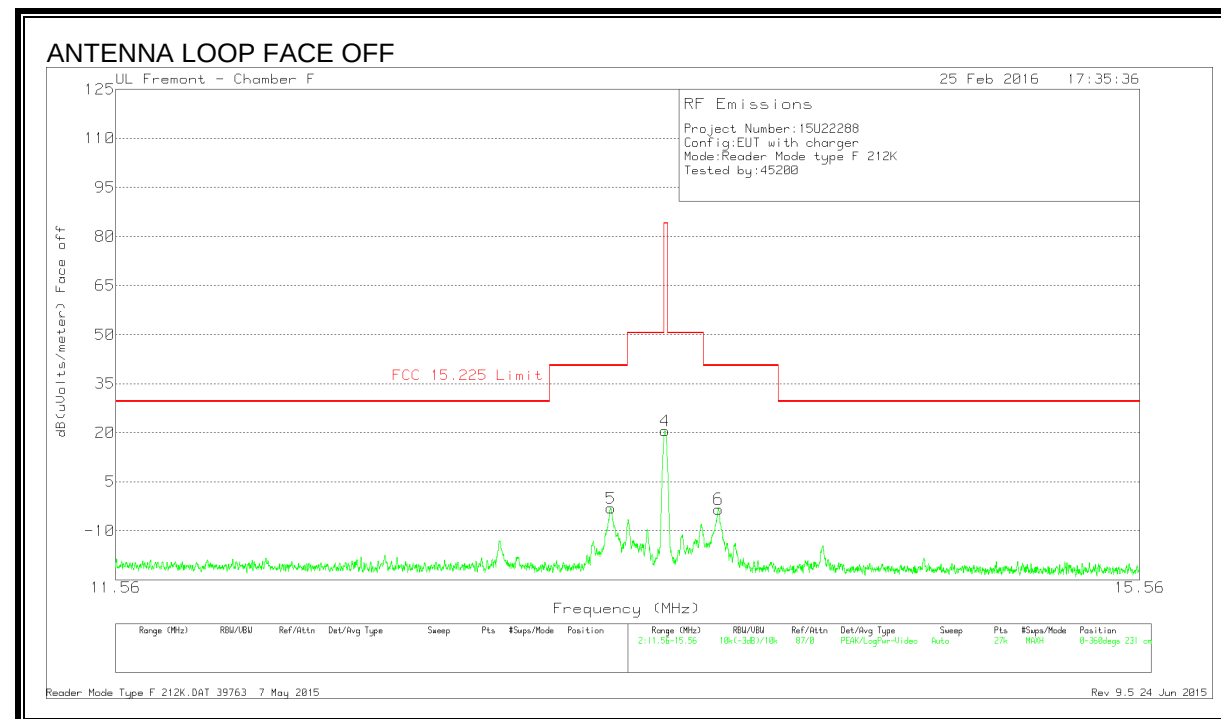
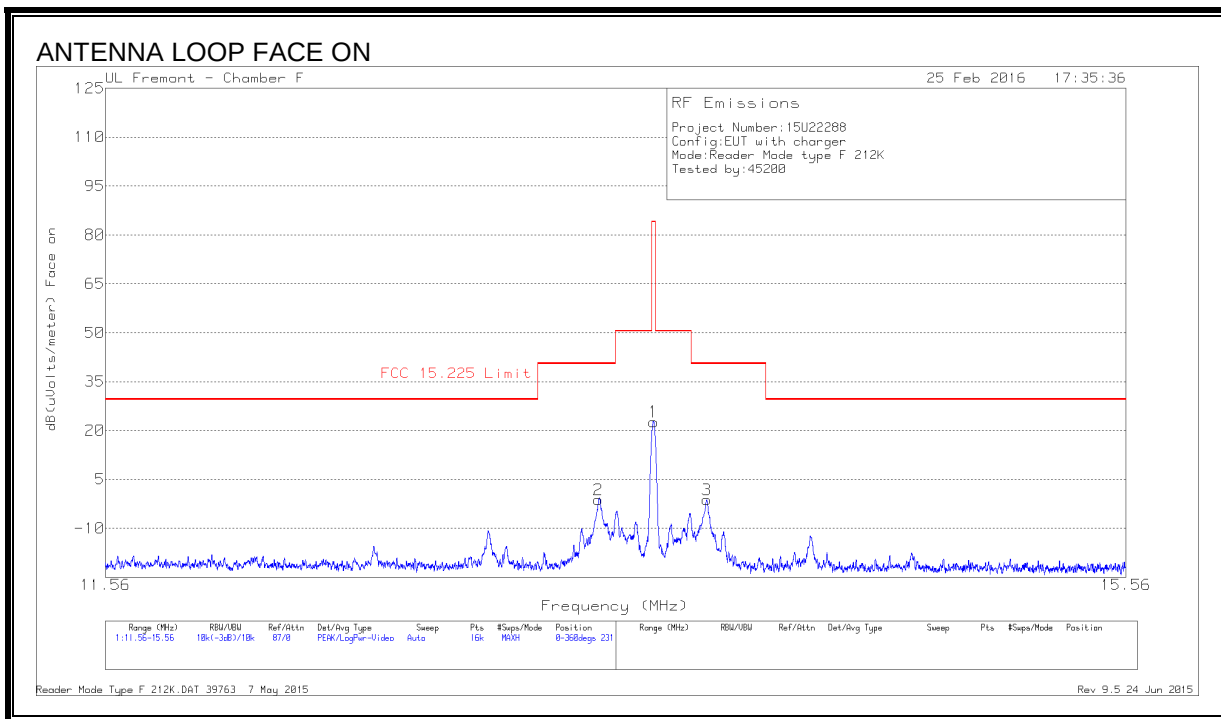


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	12.28928	13.04	Pk	10.4	.4	-40	-16.16	29.54	-45.7	-	-	0-360
4	12.59739	10.28	Pk	10.4	.4	-40	-18.92	29.54	-48.46	-	-	0-360
2	13.13344	24.53	Pk	10.4	.4	-40	-4.67	29.54	-34.21	-	-	0-360
5	13.27492	15.29	Pk	10.4	.4	-40	-13.91	29.54	-43.45	-	-	0-360
6	13.85184	14.29	Pk	10.3	.4	-40	-15.01	29.54	-44.55	-	-	0-360
3	13.98468	24.14	Pk	10.3	.4	-40	-5.16	29.54	-34.7	-	-	0-360

Pk - Peak detector

FUNDAMENTAL Type F 212Kbps

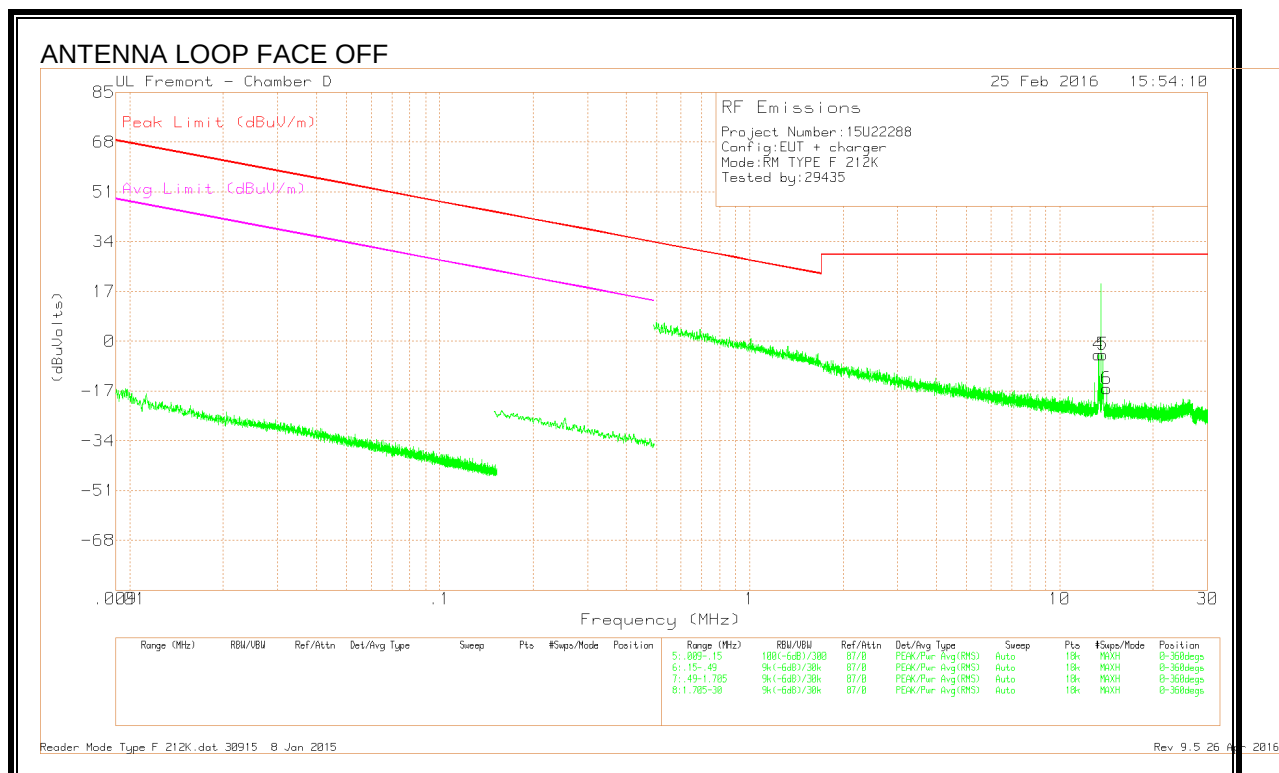
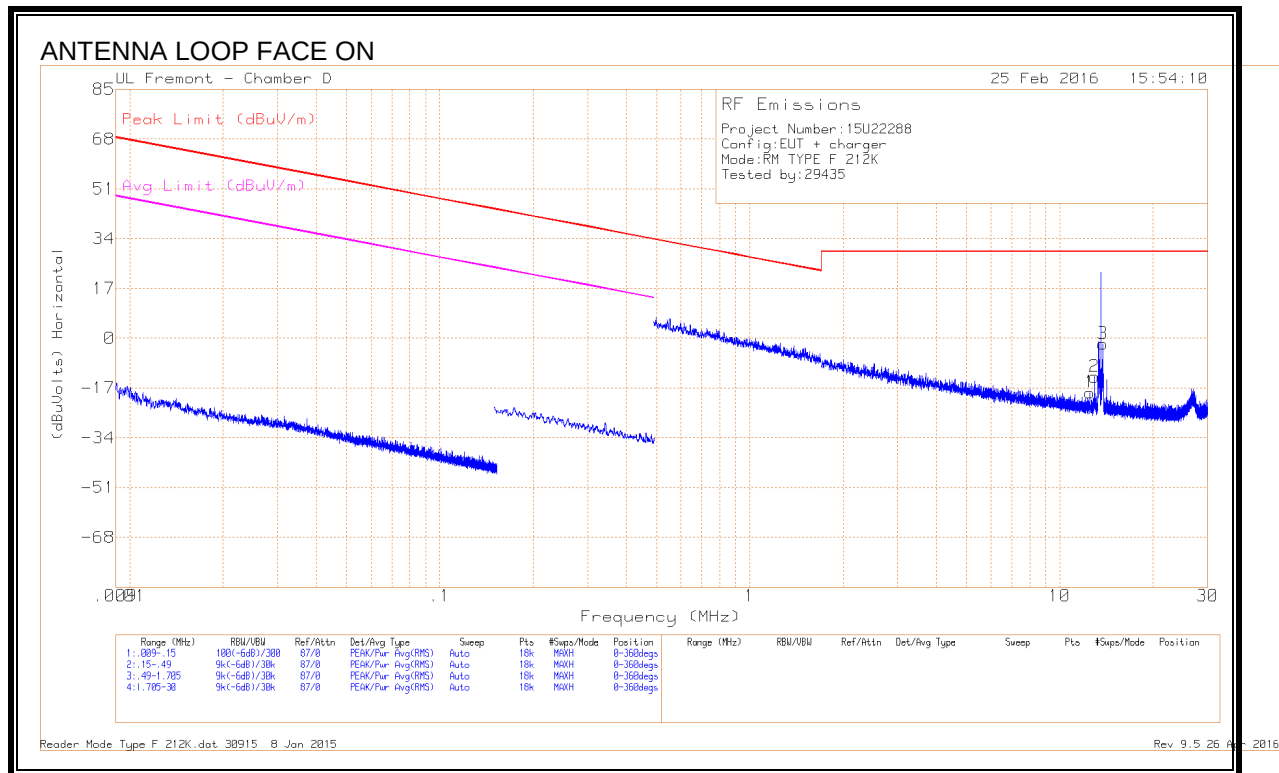


DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading dB(uVolts /meter)	FCC 15.225 Limit	PK Margin (dB)	Azimuth (Degs)
1	13.5615	51.91	Pk	10.4	.4	-40	22.71	84	-61.29	0-360
2	13.34525	27.93	Pk	10.4	.4	-40	-1.27	40.51	-41.78	0-360
3	13.77213	28.03	Pk	10.3	.4	-40	-1.27	40.51	-41.78	0-360
4	13.55793	49.82	Pk	10.4	.4	-40	20.62	84	-63.38	0-360
5	13.34555	26.2	Pk	10.4	.4	-40	-3	40.51	-43.51	0-360
6	13.76979	25.94	Pk	10.3	.4	-40	-3.36	40.51	-43.87	0-360

Pk - Peak detector

SPURIOUS EMISSIONS Type F 212Kbps



DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Amp/Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	12.5015	10.68	Pk	10.4	.4	-40	-18.52	29.54	-48.06	-	-	0-360
2	12.92436	16.04	Pk	10.4	.4	-40	-13.16	29.54	-42.7	-	-	0-360
4	13.3488	24.59	Pk	10.4	.4	-40	-4.61	29.54	-34.15	-	-	0-360
3	13.77167	27.39	Pk	10.3	.4	-40	-1.91	29.54	-31.45	-	-	0-360
5	13.77167	24.77	Pk	10.3	.4	-40	-4.53	29.54	-34.07	-	-	0-360
6	14.19611	13.1	Pk	10.3	.4	-40	-16.2	29.54	-45.74	-	-	0-360

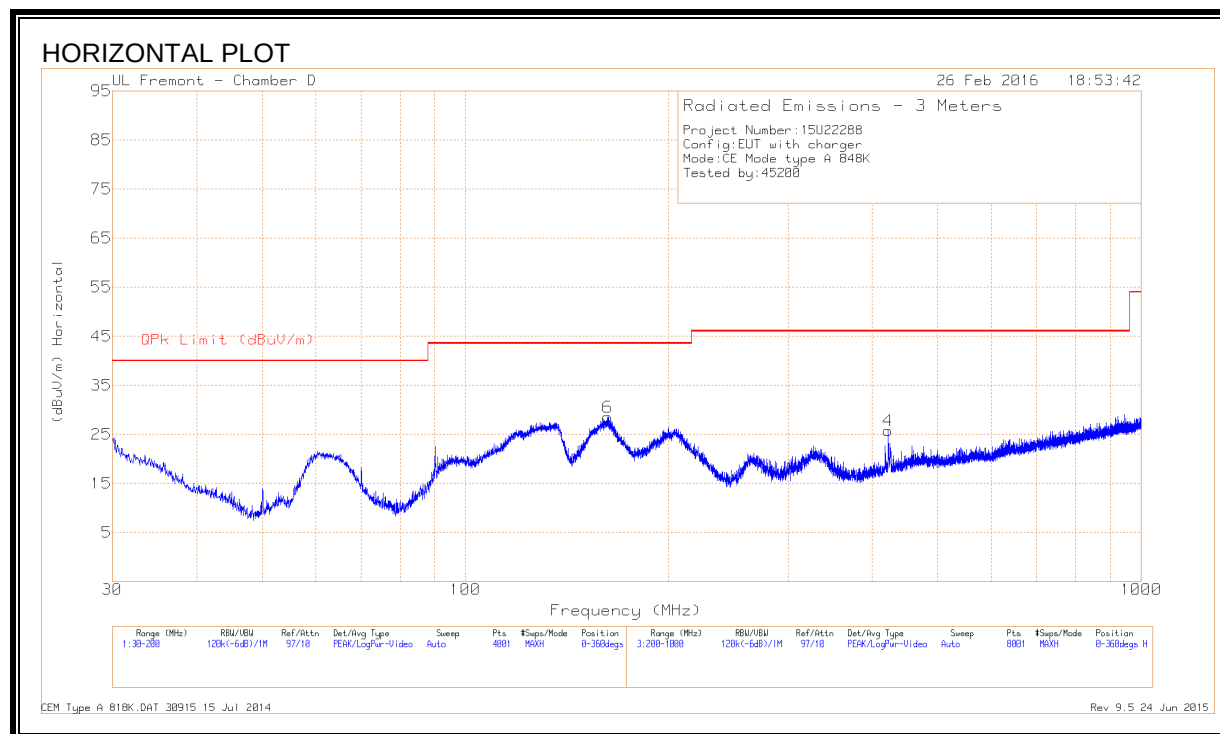
Pk - Peak detector

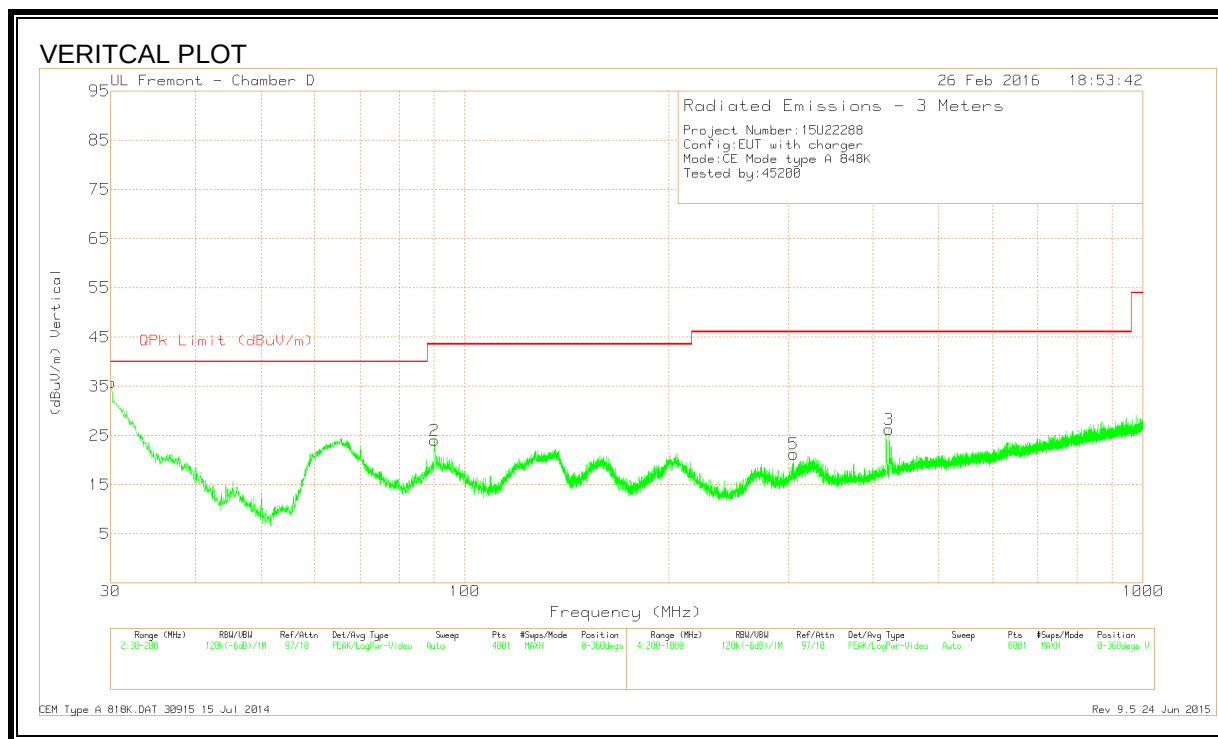
8.3. TX SPURIOUS EMISSION 30 TO 1000 MHz

8.3.1. CE MODE

TYPE A

848Kbps





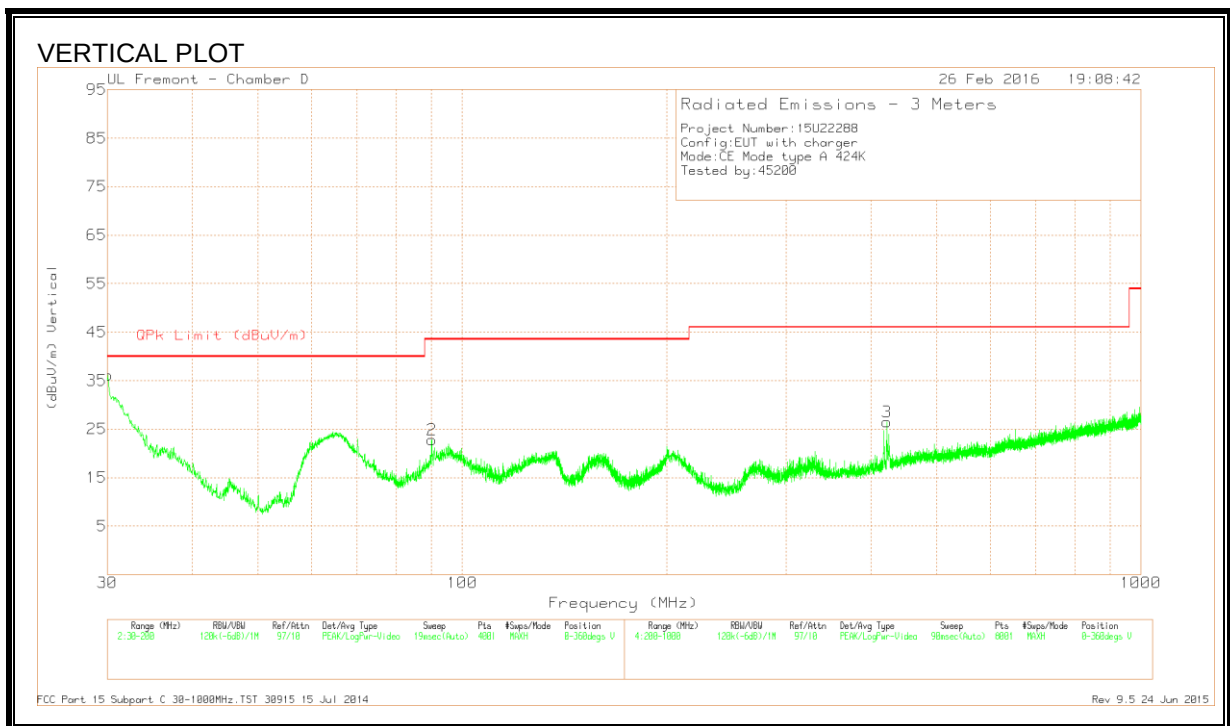
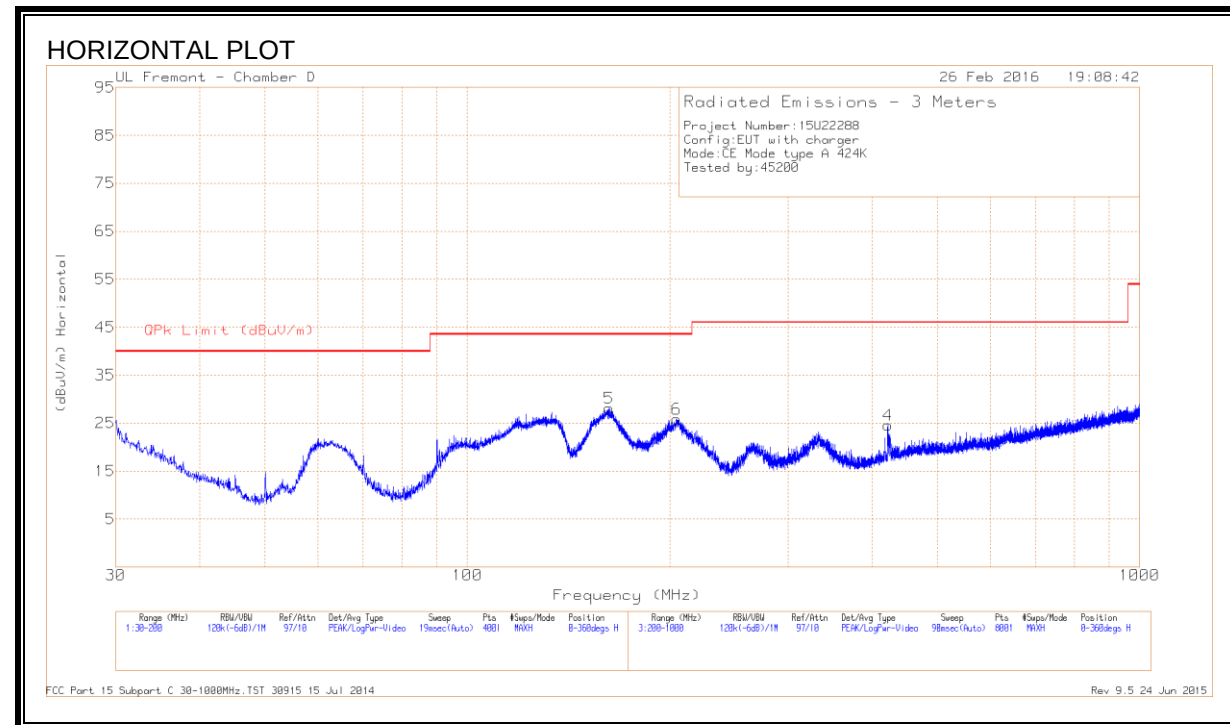
RESULTS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AFT408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 162.345	43.39	Pk	16.1	-31	28.49	43.52	-15.03	0-360	201	H
1	30.0425	42.22	Pk	25.5	-31.9	35.82	40	-4.18	0-360	100	V
2	90.1375	43.8	Pk	11.6	-31.4	24	43.52	-19.52	0-360	100	V
5	305.4	34.04	Pk	17.5	-30.3	21.24	46.02	-24.78	0-360	100	V
4	422.2	35.48	Pk	20.2	-29.9	25.78	46.02	-20.24	0-360	301	H
3	422.2	35.93	Pk	20.2	-29.9	26.23	46.02	-19.79	0-360	301	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

424Kbps



DATA

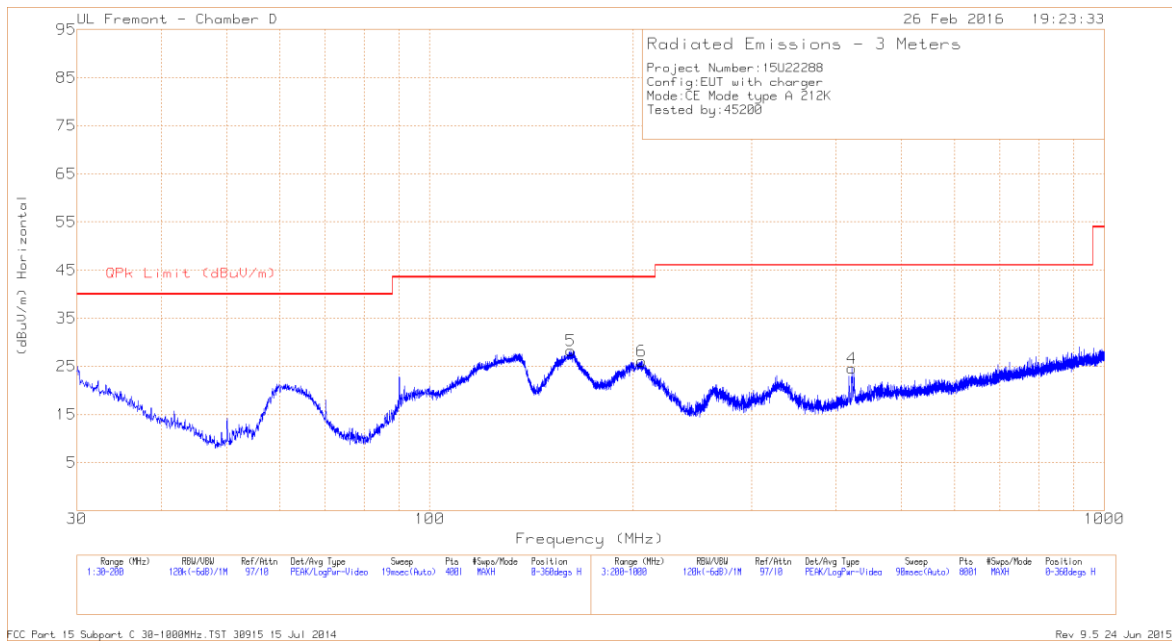
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 162.515	43.17	Pk	16	-31	28.17	43.52	-15.35	0-360	201	H
1	30.0425	42.55	Pk	25.5	-31.9	36.15	40	-3.85	0-360	100	V
2	90.1375	42.61	Pk	11.6	-31.4	22.81	43.52	-20.71	0-360	100	V
6	204.8	41.39	Pk	15.3	-30.8	25.89	43.52	-17.63	0-360	100	H
4	422.2	34.33	Pk	20.2	-29.9	24.63	46.02	-21.39	0-360	201	H
3	422.3	36.22	Pk	20.2	-29.9	26.52	46.02	-19.5	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

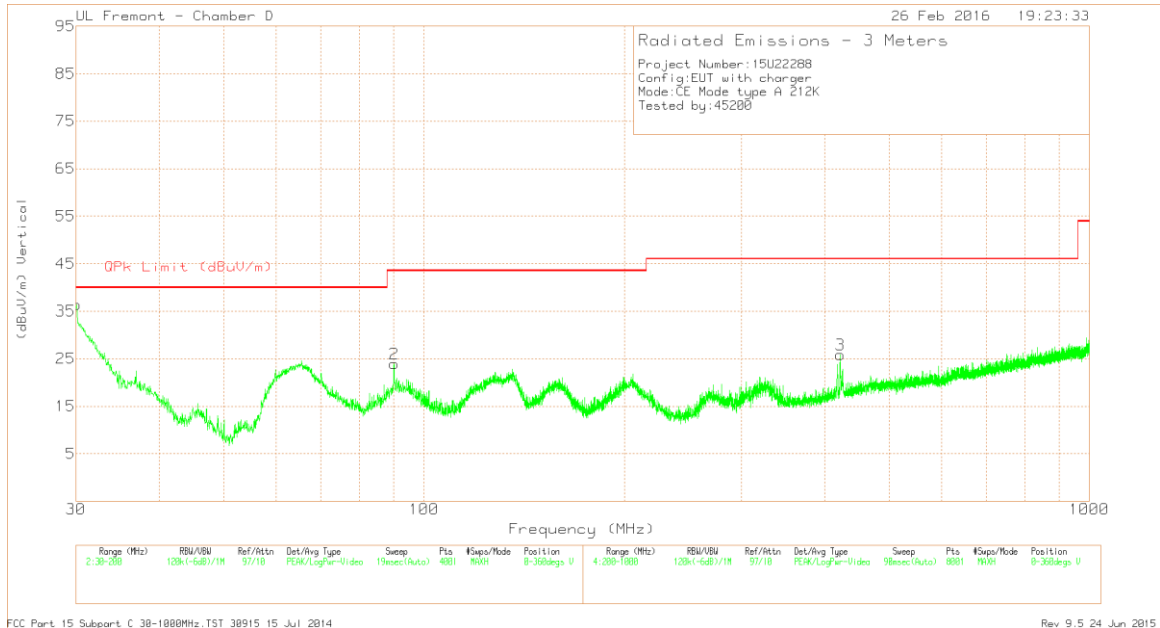
Pk - Peak detector

212Kbps

HORIZONTAL PLOT



VERTICAL PLOT

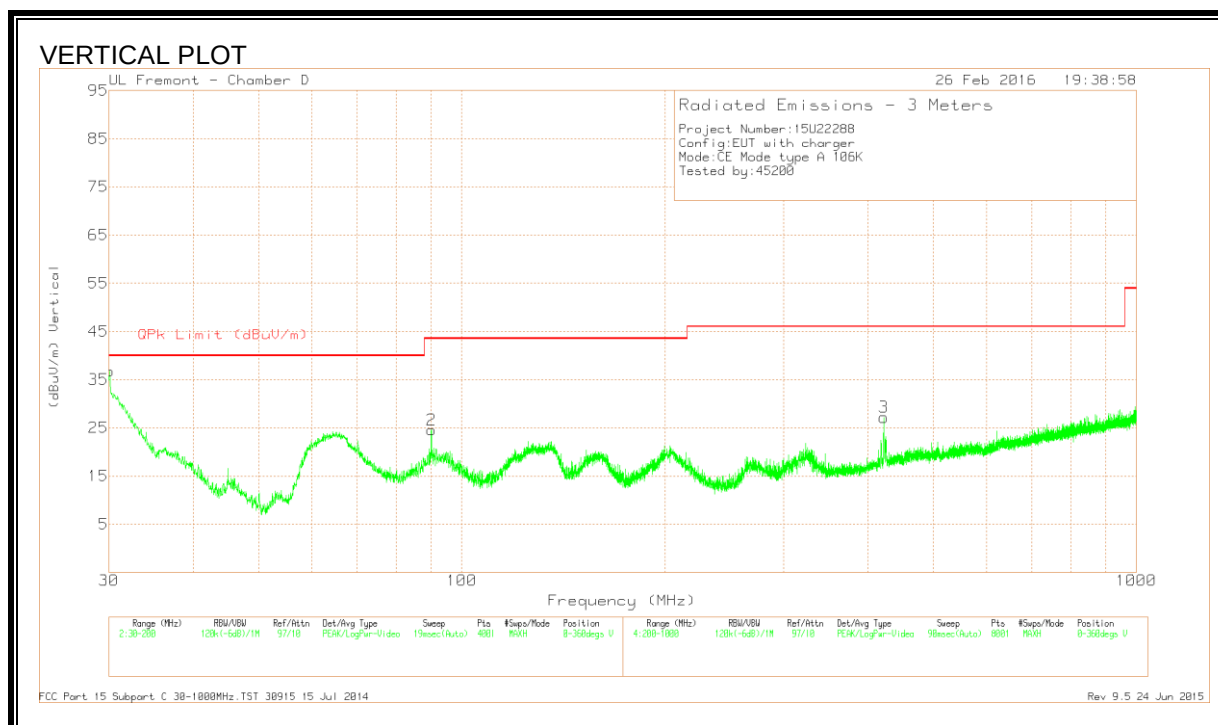
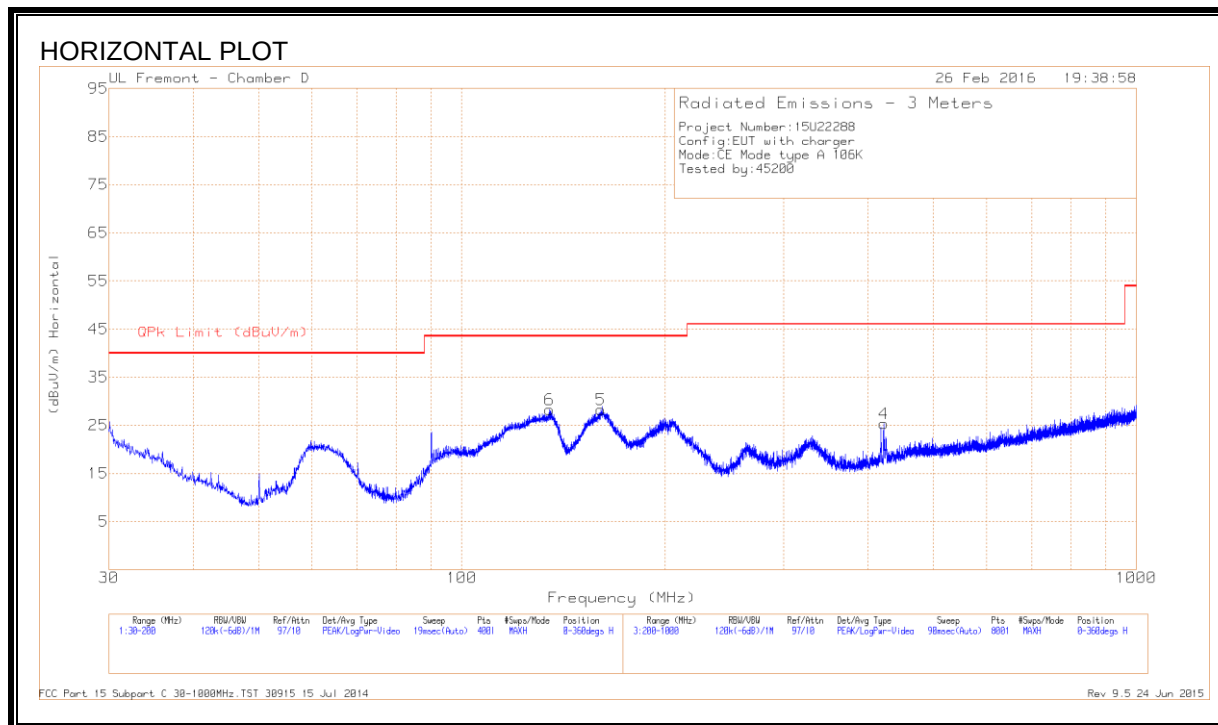


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.085	42.95	Pk	25.4	-31.9	36.45	40	-3.55	0-360	100	V
2	90.1375	43.8	Pk	11.6	-31.4	24	43.52	-19.52	0-360	100	V
5	161.9625	43.14	Pk	16.1	-31	28.24	43.52	-15.28	0-360	201	H
6	206.2	41.75	Pk	15	-30.7	26.05	43.52	-17.47	0-360	100	H
3	422.2	35.61	Pk	20.2	-29.9	25.91	46.02	-20.11	0-360	301	V
4	422.3	34.27	Pk	20.2	-29.9	24.57	46.02	-21.45	0-360	301	H

Pk - Peak detector

106Kbps



DATA

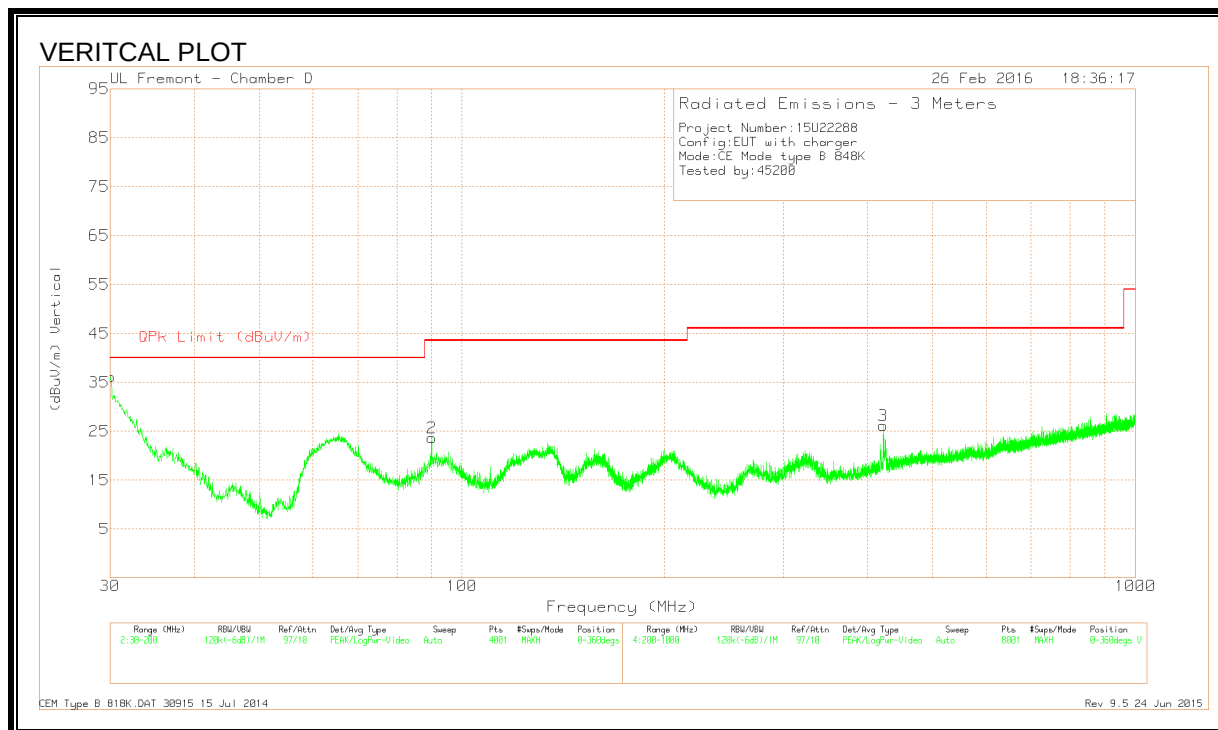
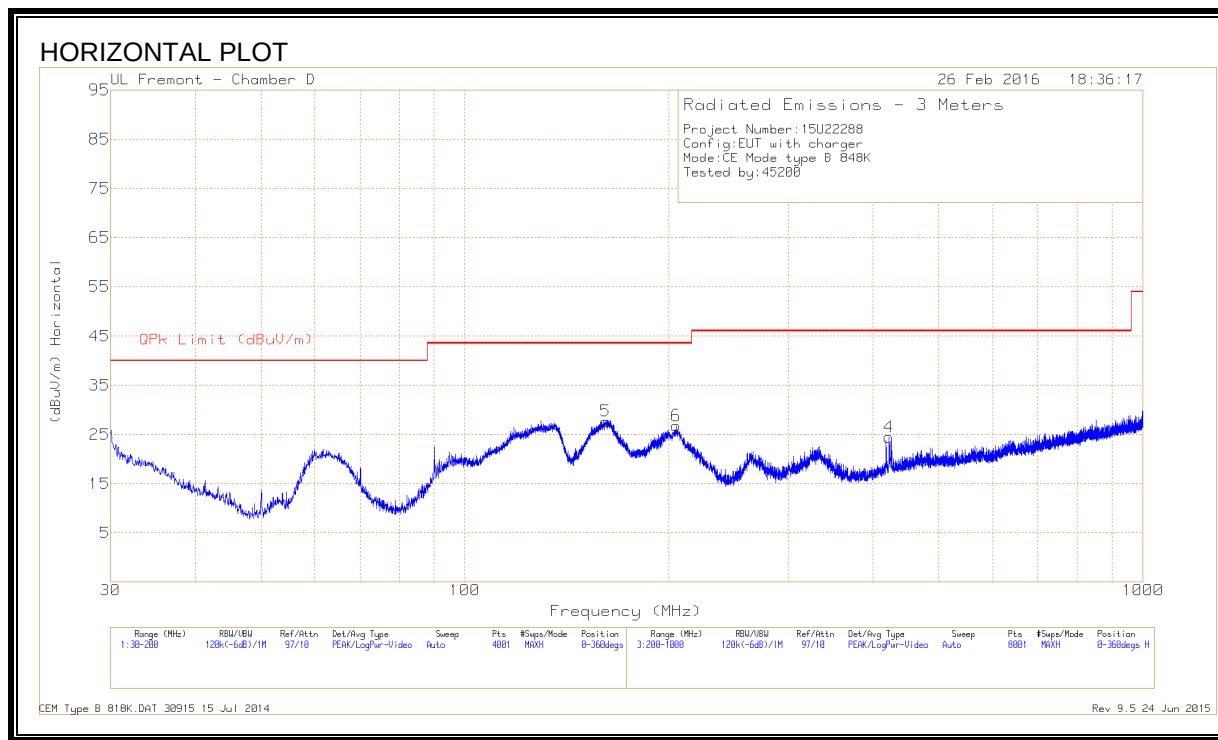
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 134.8688	41.93	Pk	17.4	-31.1	28.23	43.52	-15.29	0-360	201	H
1	30.0425	43.14	Pk	25.5	-31.9	36.74	40	-3.26	0-360	100	V
2	90.1375	44.43	Pk	11.6	-31.4	24.63	43.52	-18.89	0-360	100	V
5	160.73	43.02	Pk	16.2	-31	28.22	43.52	-15.3	0-360	201	H
4	422	35.07	Pk	20.2	-29.9	25.37	46.02	-20.65	0-360	301	H
3	422.2	36.89	Pk	20.2	-29.9	27.19	46.02	-18.83	0-360	301	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

TYPE B

848Kbps



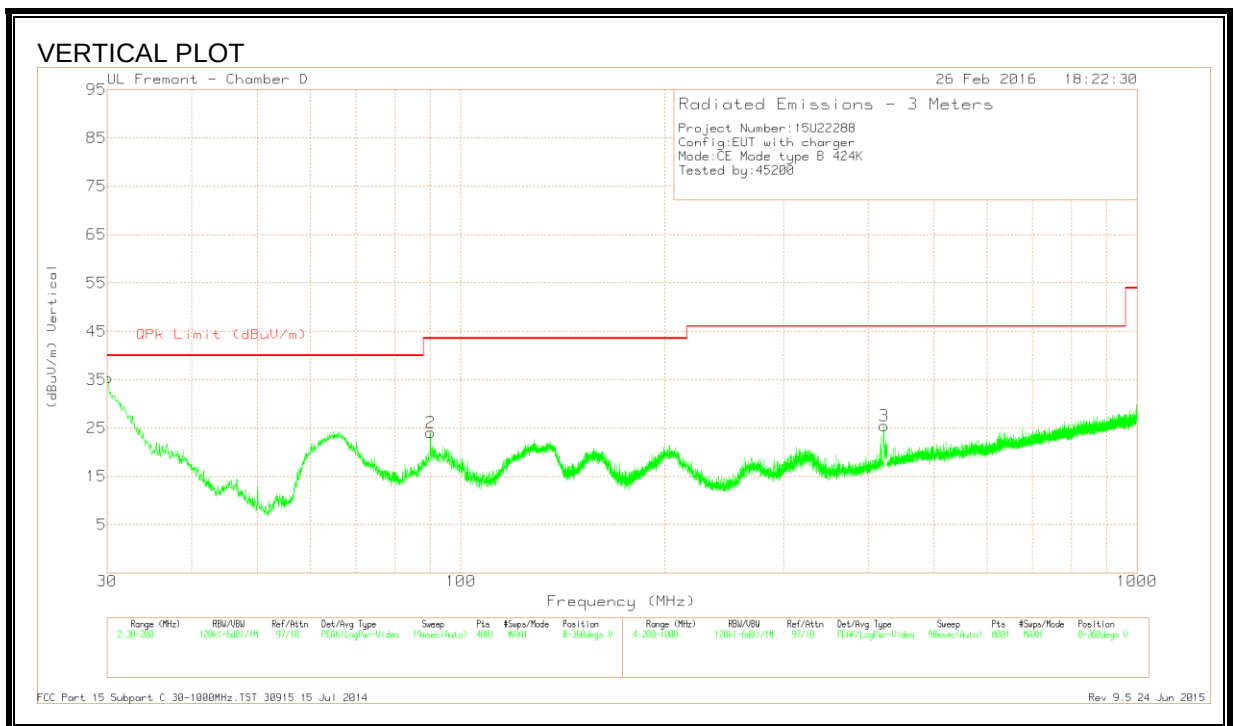
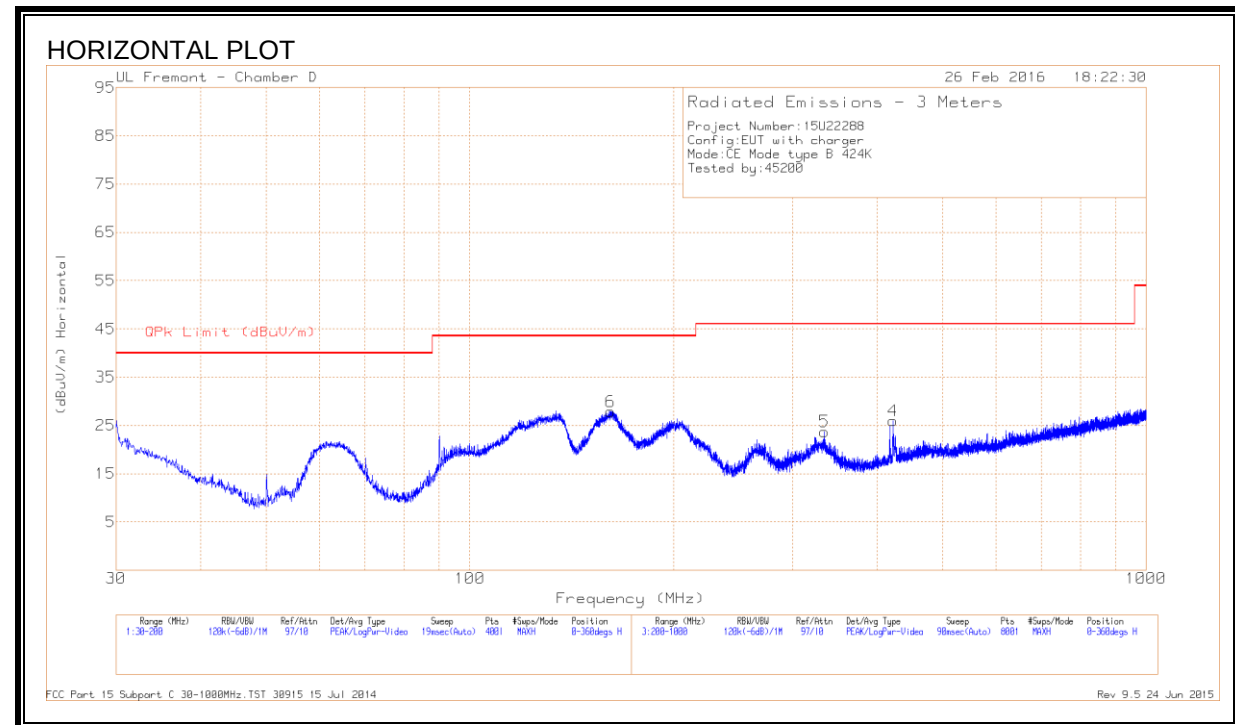
RESULTS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.0425	42.61	Pk	25.5	-31.9	36.21	40	-3.79	0-360	100	V
2	90.1375	43.45	Pk	11.6	-31.4	23.65	43.52	-19.87	0-360	100	V
5	161.2188	42.51	Pk	16.2	-31	27.71	43.52	-15.81	0-360	201	H
6	204.8	42.29	Pk	15.3	-30.8	26.79	43.52	-16.73	0-360	100	H
3	422.2	35.85	Pk	20.2	-29.9	26.15	46.02	-19.87	0-360	301	V
4	422.3	34.17	Pk	20.2	-29.9	24.47	46.02	-21.55	0-360	301	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

424Kbps



DATA

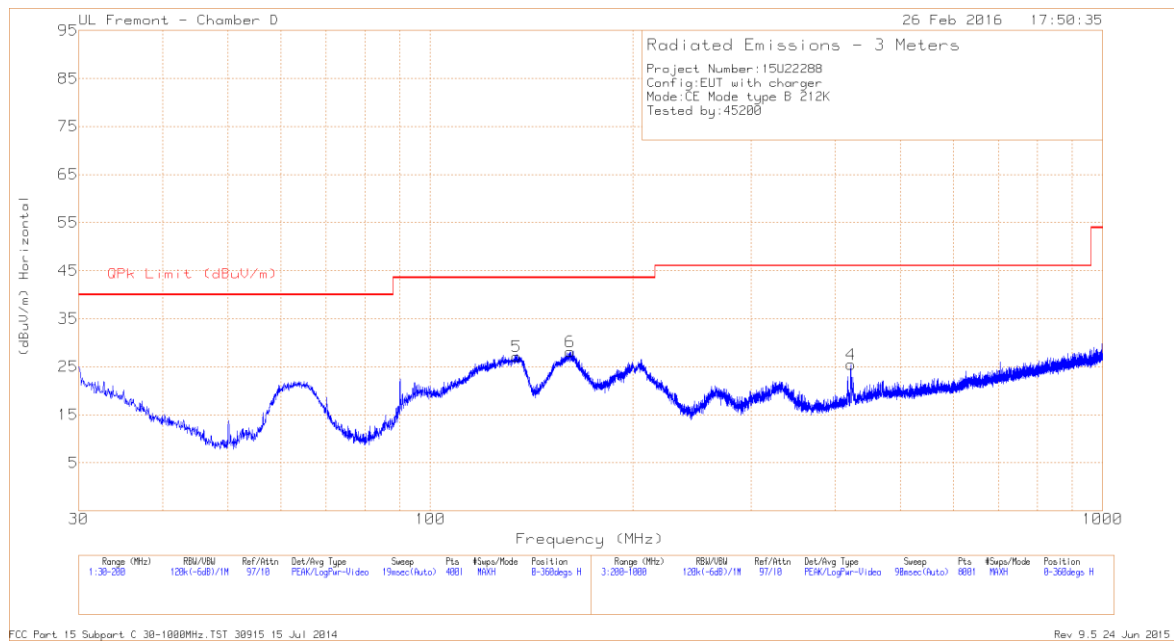
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 334.7	36.06	Pk	17.9	-30.2	23.76	46.02	-22.26	0-360	100	H
1	30.0425	41.75	Pk	25.5	-31.9	35.35	40	-4.65	0-360	100	V
2	90.1375	43.92	Pk	11.6	-31.4	24.12	43.52	-19.4	0-360	100	V
6	161.3675	42.73	Pk	16.2	-31	27.93	43.52	-15.59	0-360	201	H
3	422.2	35.17	Pk	20.2	-29.9	25.47	46.02	-20.55	0-360	301	V
4	422.3	35.72	Pk	20.2	-29.9	26.02	46.02	-20	0-360	301	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

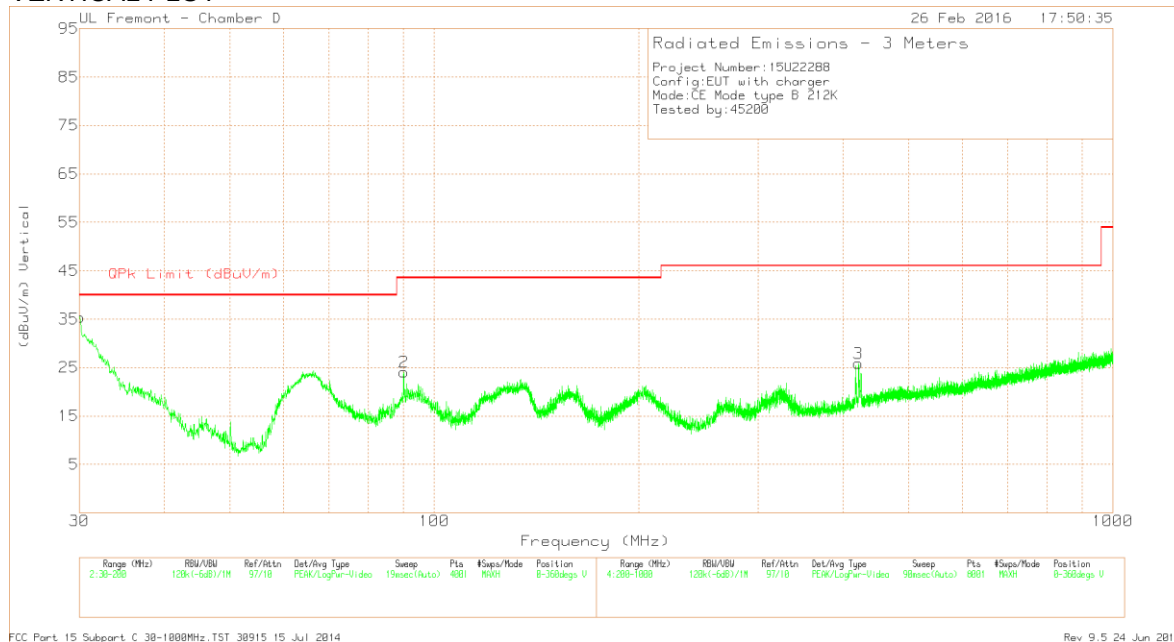
Pk - Peak detector

212Kbps

HORIZONTAL PLOT



VERTICAL PLOT



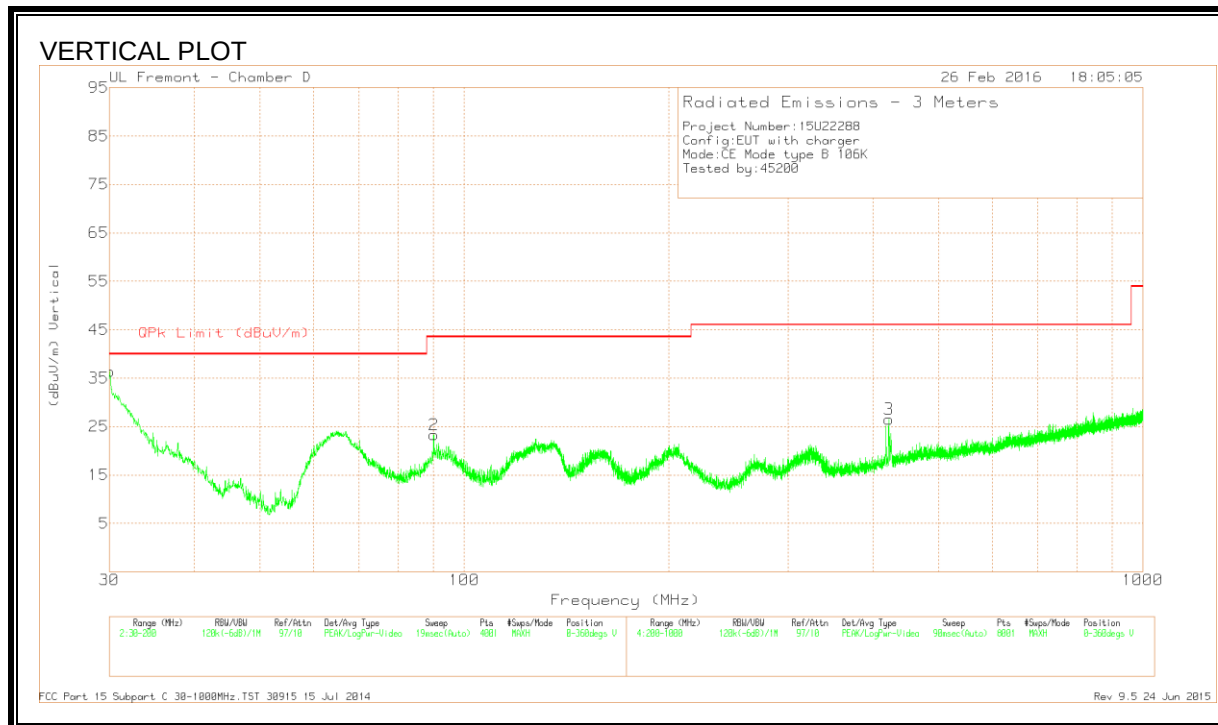
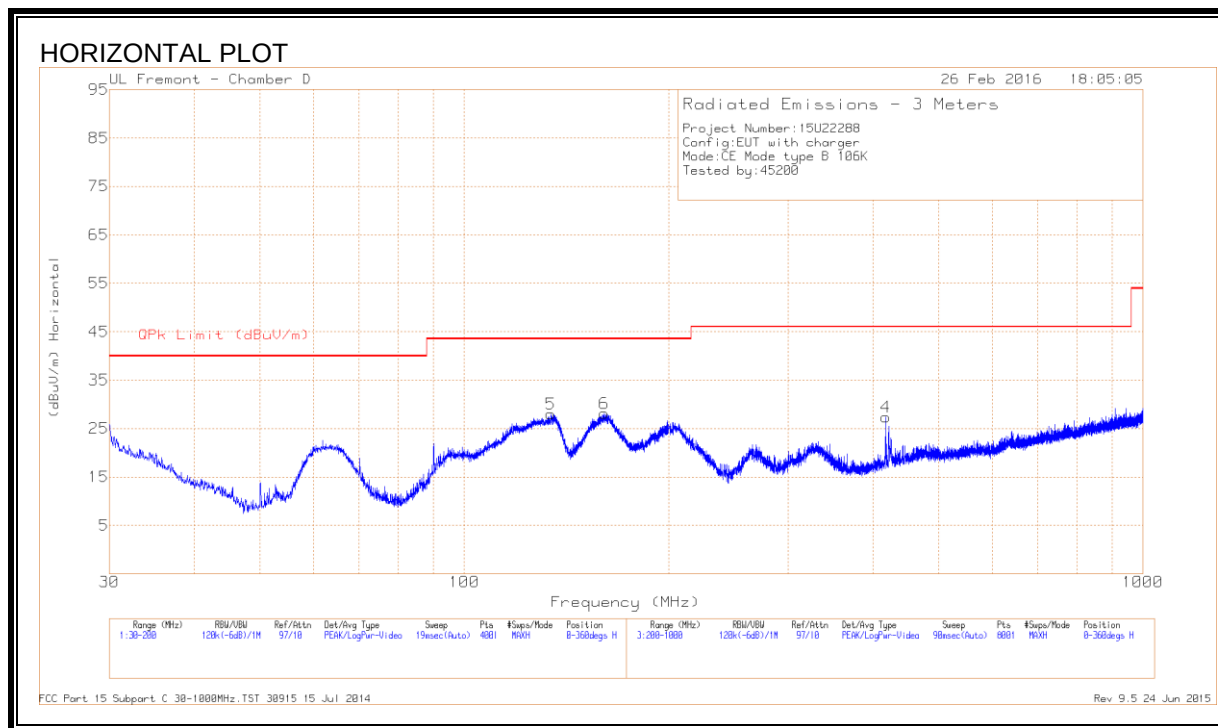
DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 134.295	40.94	Pk	17.4	-31.2	27.14	43.52	-16.38	0-360	201	H
1	30.0425	41.81	Pk	25.5	-31.9	35.41	40	-4.59	0-360	100	V
2	90.18	43.92	Pk	11.6	-31.4	24.12	43.52	-19.4	0-360	100	V
6	161.58	43.04	Pk	16.1	-31	28.14	43.52	-15.38	0-360	201	H
3	421.9	35.5	Pk	20.2	-29.9	25.8	46.02	-20.22	0-360	301	V
4	422.2	35.16	Pk	20.2	-29.9	25.46	46.02	-20.56	0-360	201	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

106Kbps



DATA

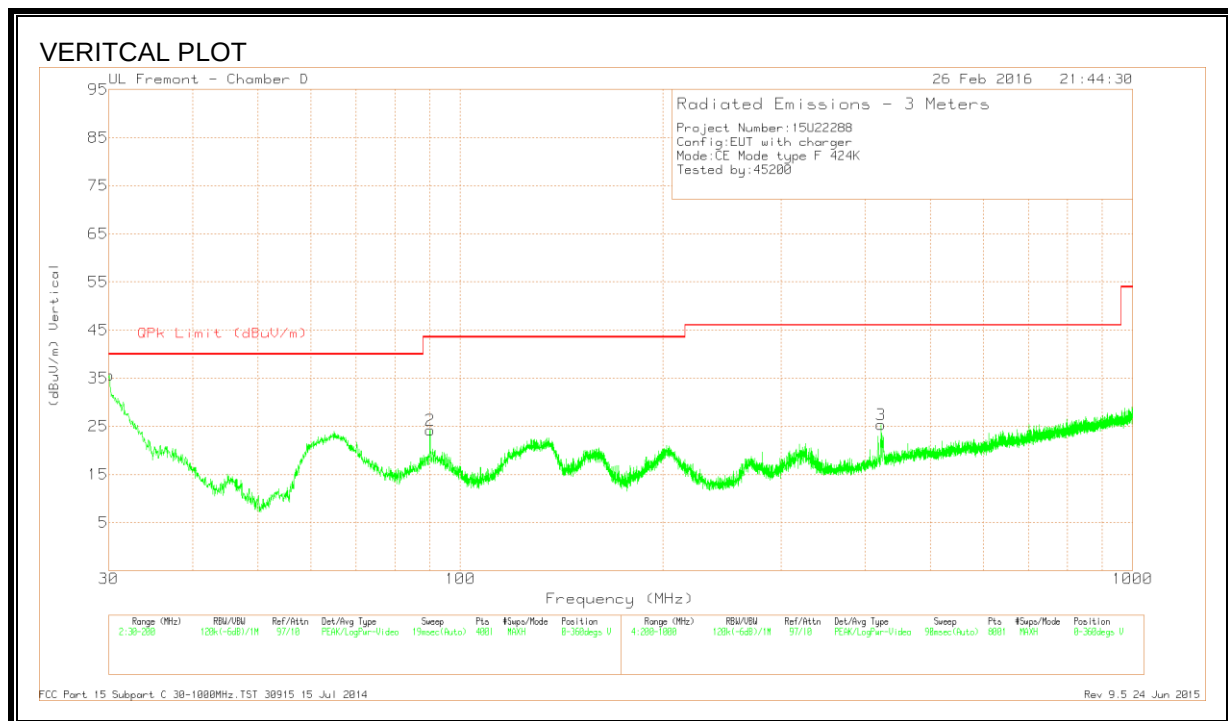
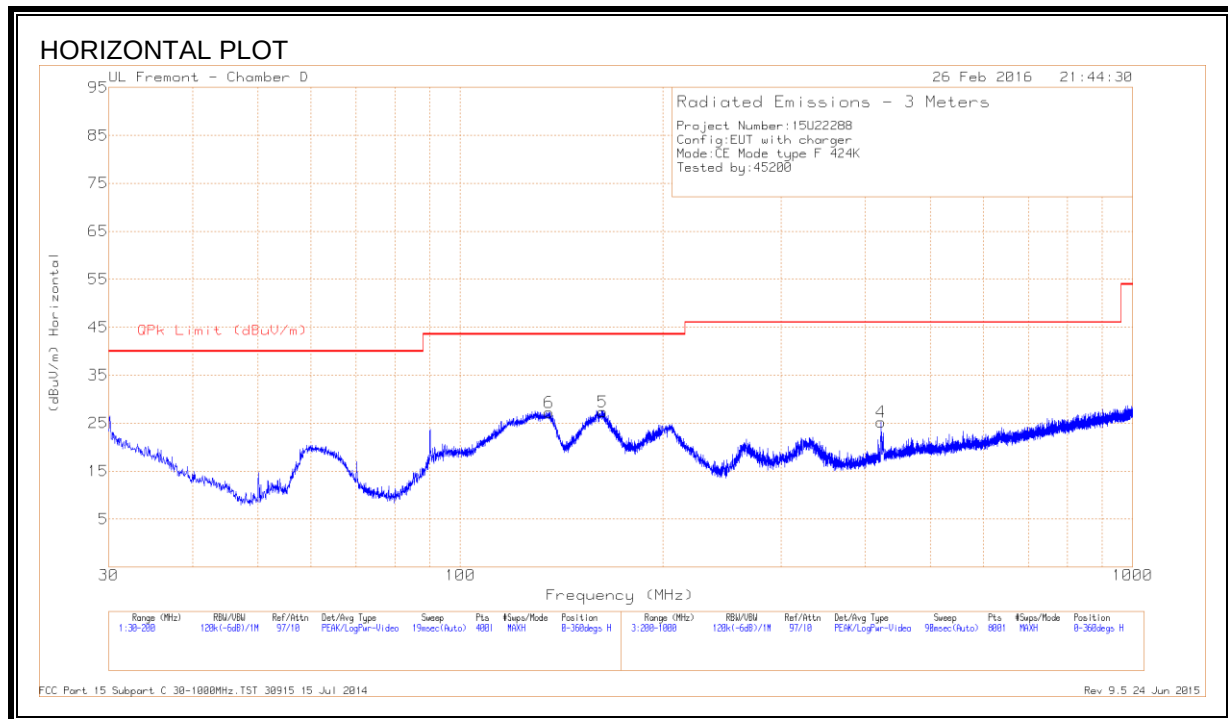
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 134.125	41.75	Pk	17.4	-31.1	28.05	43.52	-15.47	0-360	201	H
1	30.085	42.94	Pk	25.4	-31.9	36.44	40	-3.56	0-360	100	V
2	90.1375	43.13	Pk	11.6	-31.4	23.33	43.52	-20.19	0-360	100	V
6	160.9	42.93	Pk	16.2	-31	28.13	43.52	-15.39	0-360	201	H
4	417.7	37.21	Pk	20.1	-29.9	27.41	46.02	-18.61	0-360	301	H
3	422.3	36.25	Pk	20.2	-29.9	26.55	46.02	-19.47	0-360	301	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

TYPE F

424Kbps



RESULTS

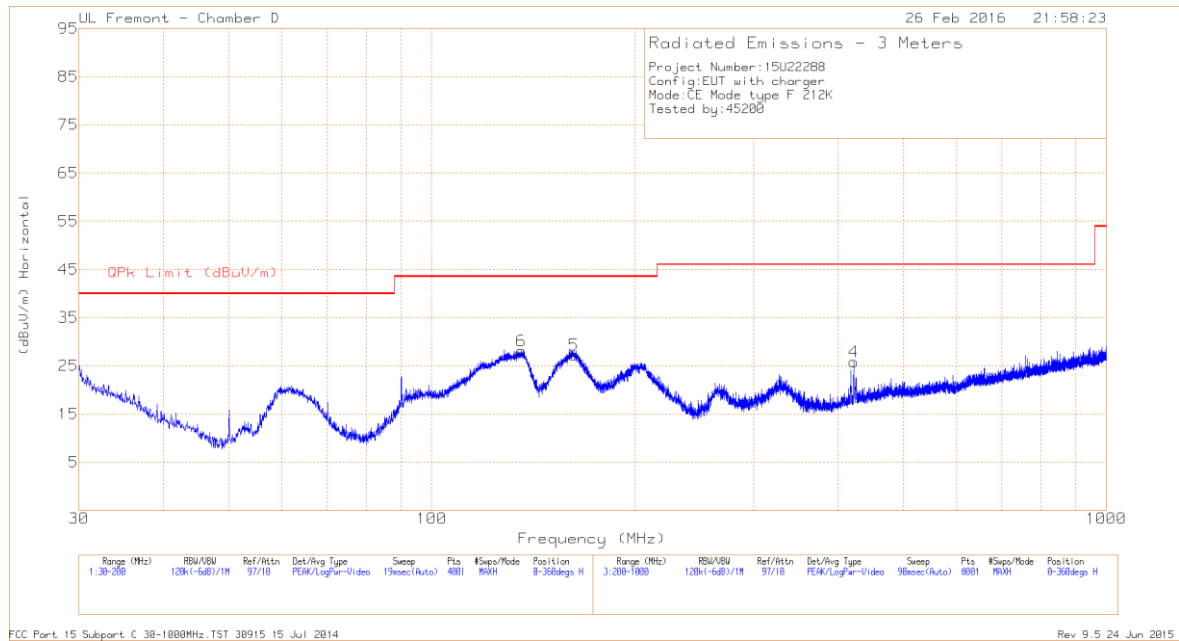
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 162.8975	42.43	Pk	16	-31	27.43	43.52	-16.09	0-360	201	H
6	* 135.4425	40.95	Pk	17.4	-31.1	27.25	43.52	-16.27	0-360	201	H
1	30.0425	42.02	Pk	25.5	-31.9	35.62	40	-4.38	0-360	100	V
2	90.18	44.05	Pk	11.6	-31.4	24.25	43.52	-19.27	0-360	100	V
4	422.3	34.98	Pk	20.2	-29.9	25.28	46.02	-20.74	0-360	201	H
3	422.3	35.05	Pk	20.2	-29.9	25.35	46.02	-20.67	0-360	201	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

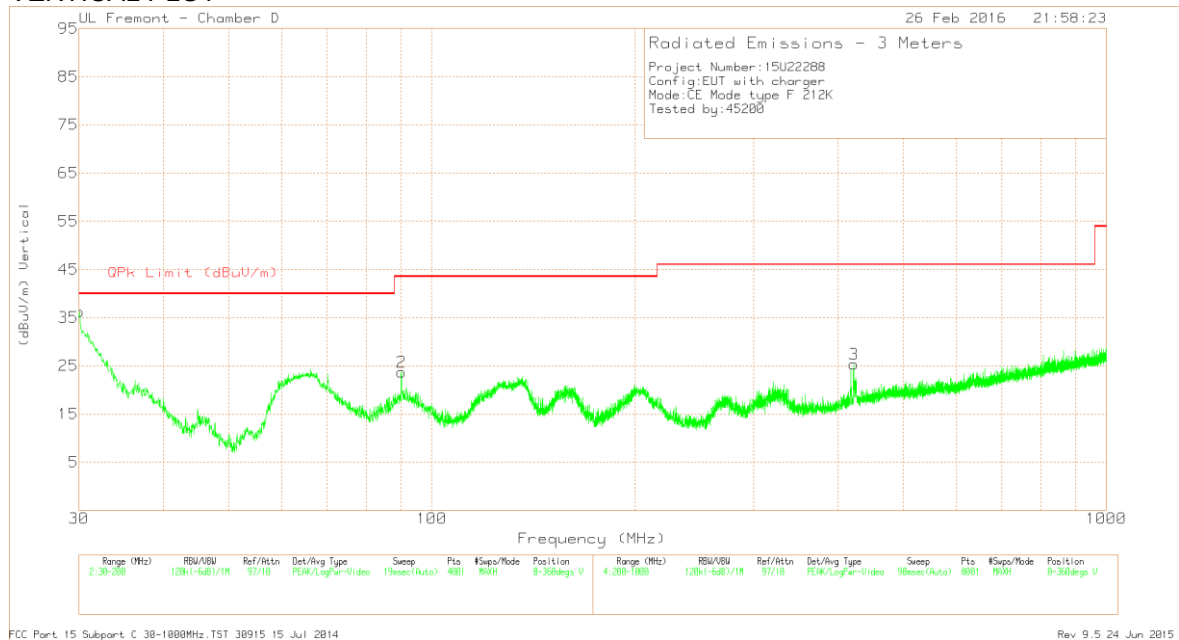
Pk - Peak detector

212Kbps

HORIZONTAL PLOT



VERTICAL PLOT



DATA

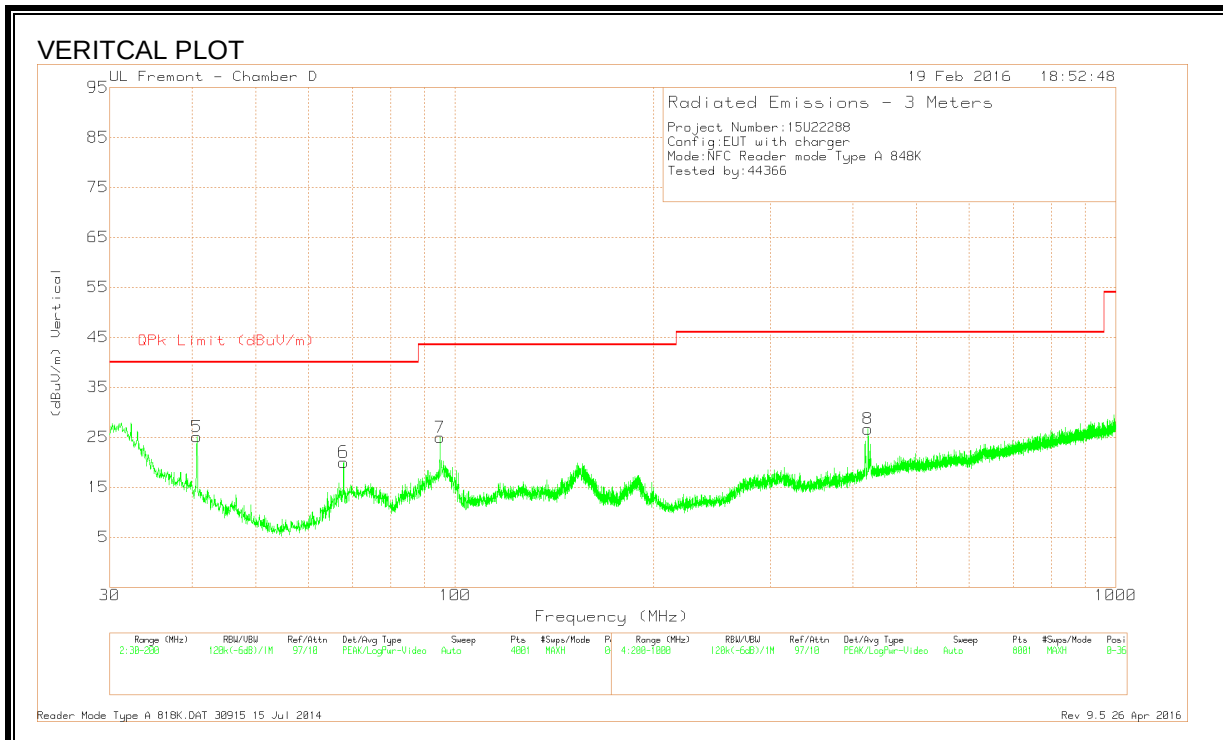
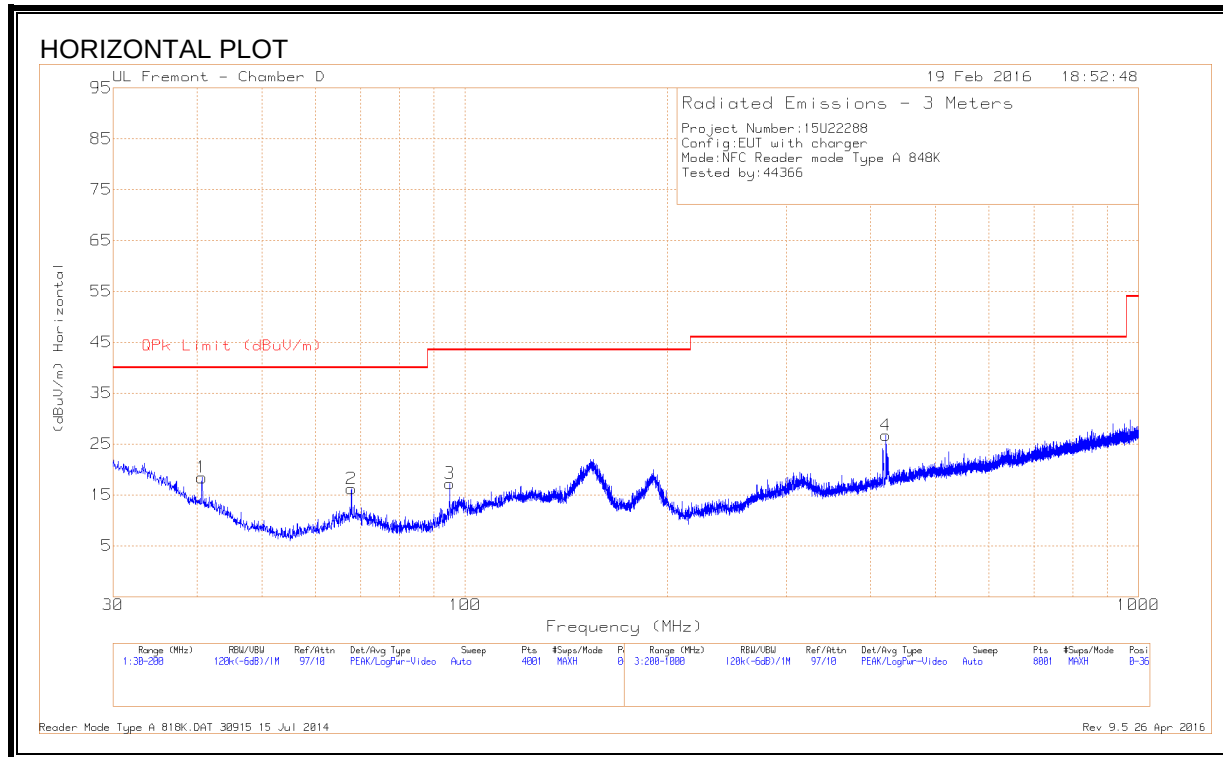
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 135.8675	41.94	Pk	17.3	-31.1	28.14	43.52	-15.38	0-360	201	H
5	* 162.6	42.29	Pk	16	-31	27.29	43.52	-16.23	0-360	201	H
1	30.0425	42.62	Pk	25.5	-31.9	36.22	40	-3.78	0-360	100	V
4	422.2	35.55	Pk	20.2	-29.9	25.85	46.02	-20.17	0-360	301	H
3	422.2	35.07	Pk	20.2	-29.9	25.37	46.02	-20.65	0-360	100	V
2	90.1375	43.48	Pk	11.6	-31.4	23.68	43.52	-19.84	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

8.3.2. READER MODE

TYPE A 848Kbps



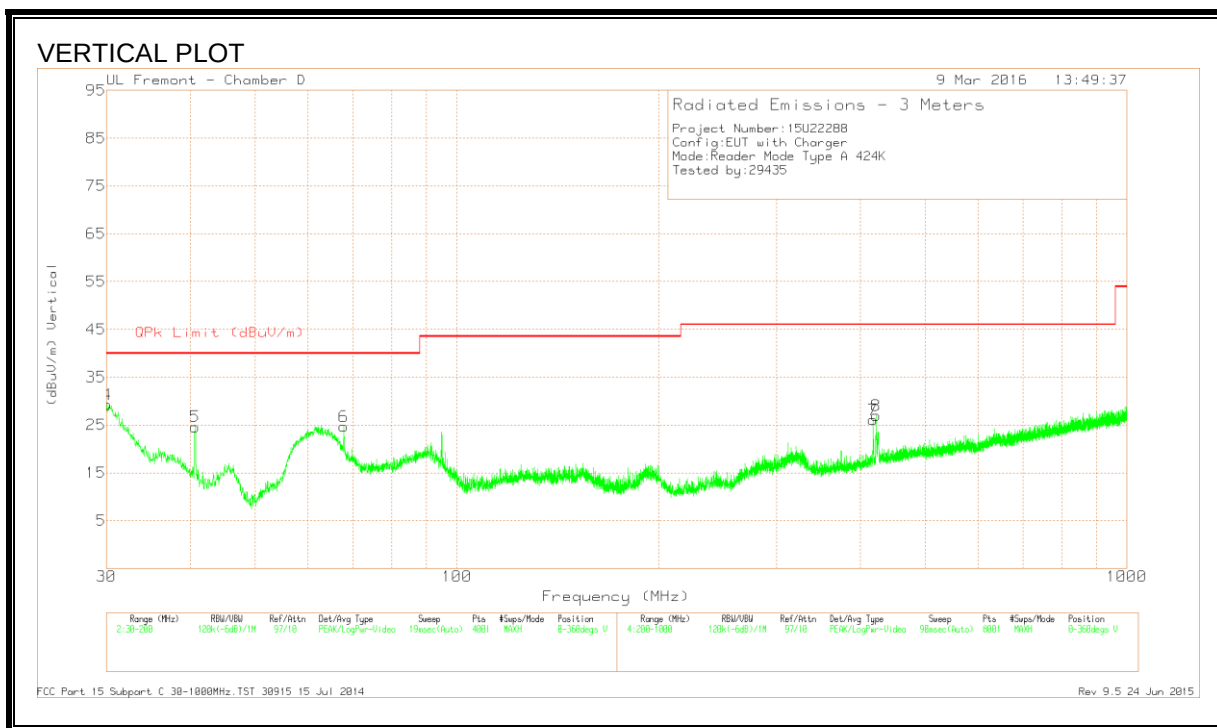
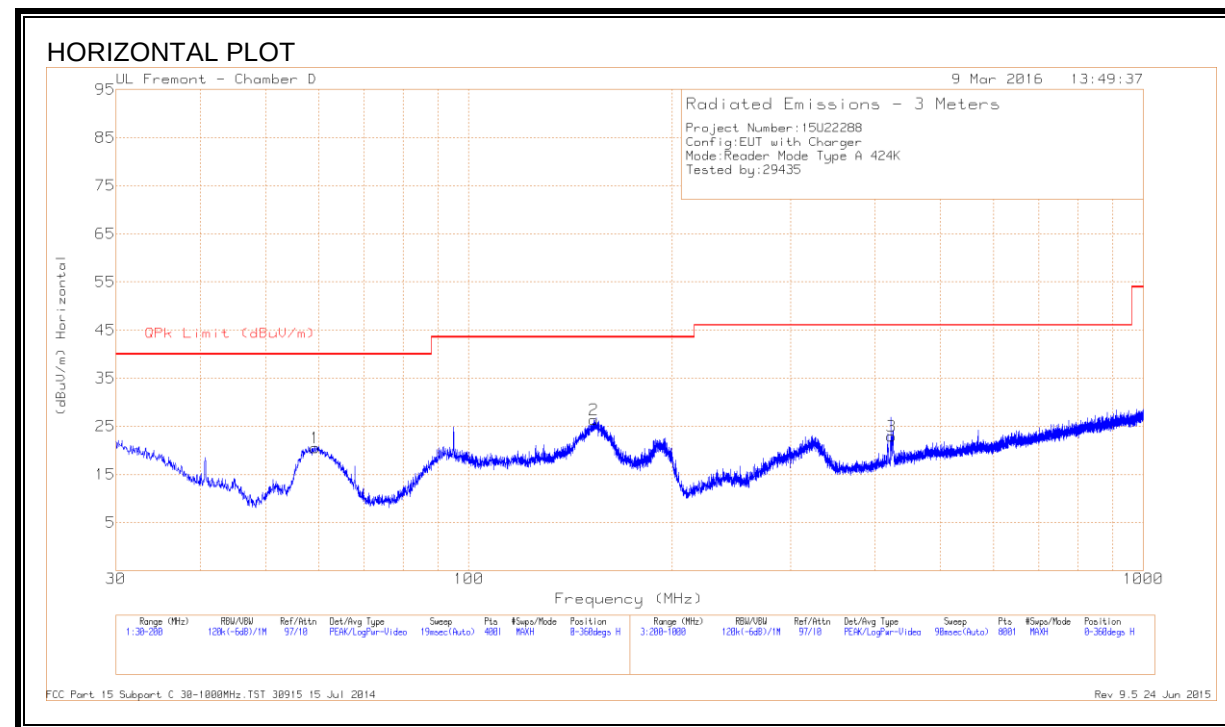
RESULTS

DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	40.6675	32.81	Pk	17.4	-31.8	18.41	40	-21.59	0-360	401	H
5	40.6675	39.45	Pk	17.4	-31.8	25.05	40	-14.95	0-360	100	V
2	67.825	35.68	Pk	12	-31.5	16.18	40	-23.82	0-360	401	H
6	67.825	39.49	Pk	12	-31.5	19.99	40	-20.01	0-360	100	V
3	94.94	35.93	Pk	12.7	-31.4	17.23	43.52	-26.29	0-360	201	H
7	94.94	43.66	Pk	12.7	-31.4	24.96	43.52	-18.56	0-360	100	V
4	421.9	36.39	Pk	20.2	-29.9	26.69	46.02	-19.33	0-360	201	H
8	422	36.35	Pk	20.2	-29.9	26.65	46.02	-19.37	0-360	201	V

Pk - Peak detector

424Kbps



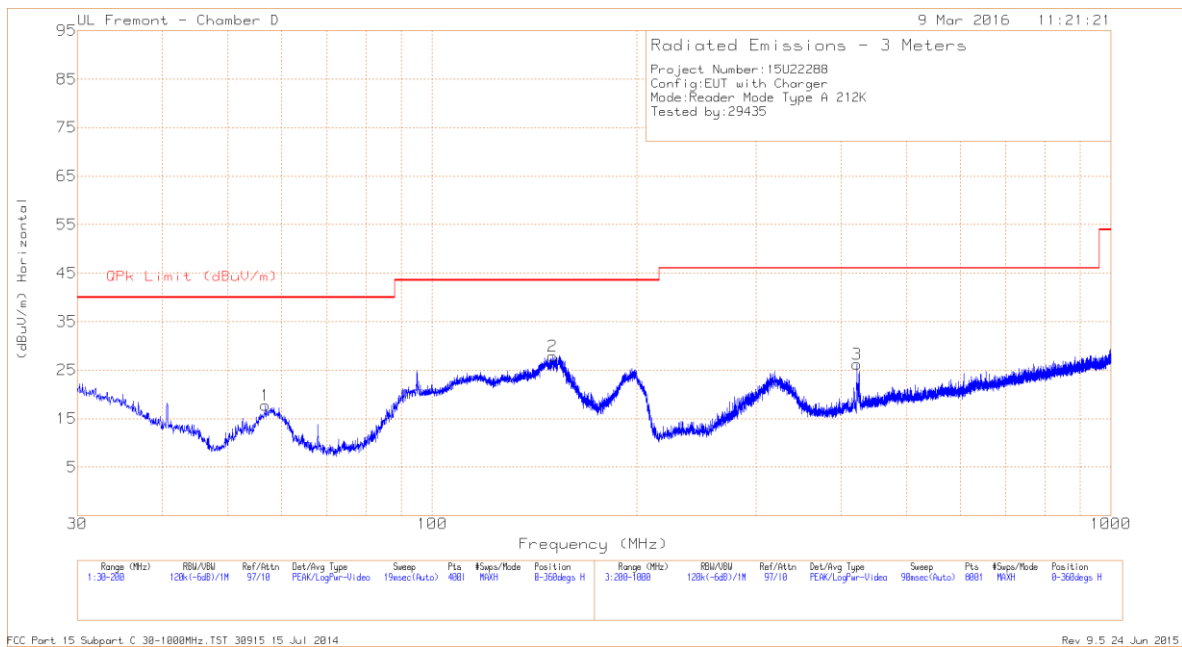
DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	30.0425	35.63	Pk	25.5	-31.9	29.23	40	-10.77	0-360	100	V
5	40.6888	39.05	Pk	17.4	-31.8	24.65	40	-15.35	0-360	100	V
1	59.155	40.88	Pk	11.3	-31.6	20.58	40	-19.42	0-360	301	H
6	67.825	44.27	Pk	12	-31.5	24.77	40	-15.23	0-360	100	V
2	153.3775	40.94	Pk	16.4	-31	26.34	43.52	-17.18	0-360	201	H
7	417.9	35.86	Pk	20.1	-29.9	26.06	46.02	-19.96	0-360	100	V
8	422.3	36.74	Pk	20.2	-29.9	27.04	46.02	-18.98	0-360	100	V
3	423.5	32.51	Pk	20.3	-29.9	22.91	46.02	-23.11	0-360	301	H

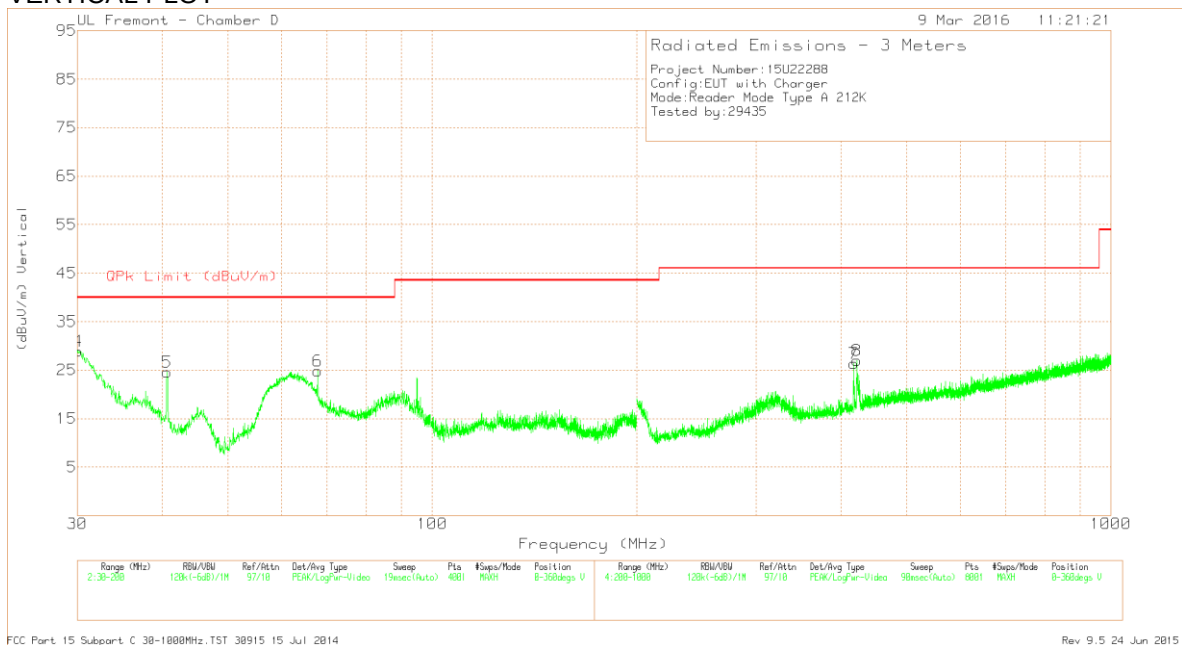
Pk - Peak detector

212Kbps

HORIZONTAL PLOT



VERTICAL PLOT

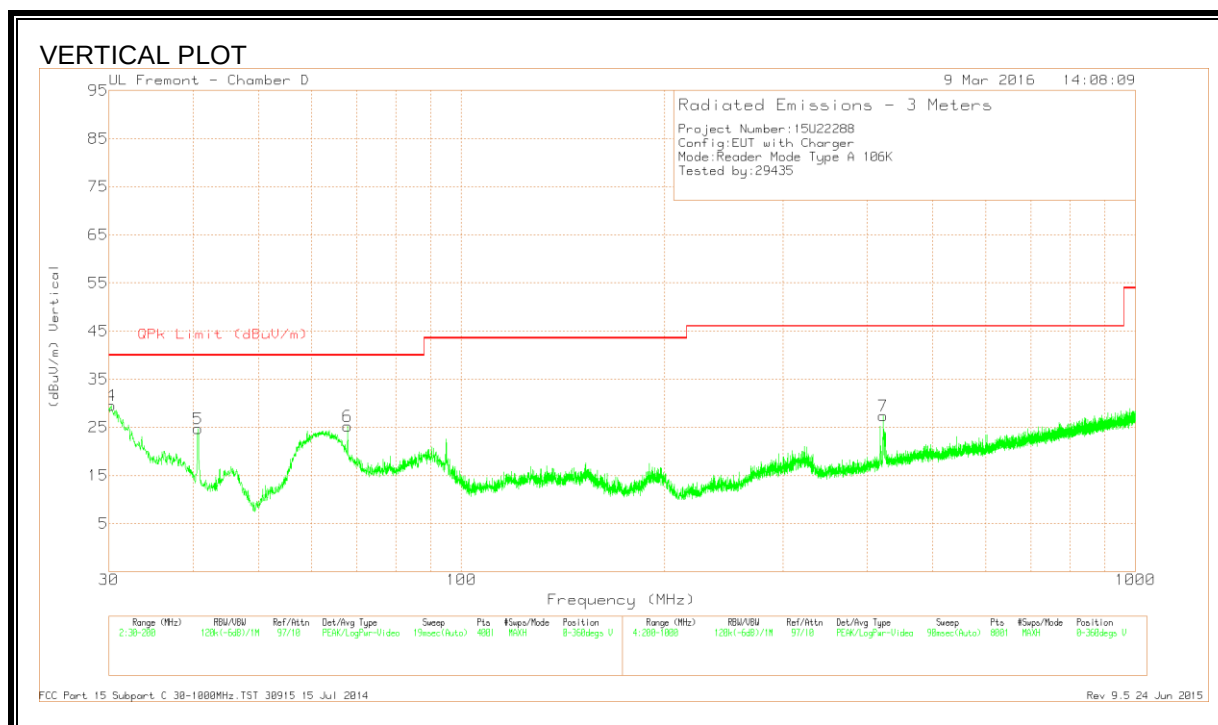
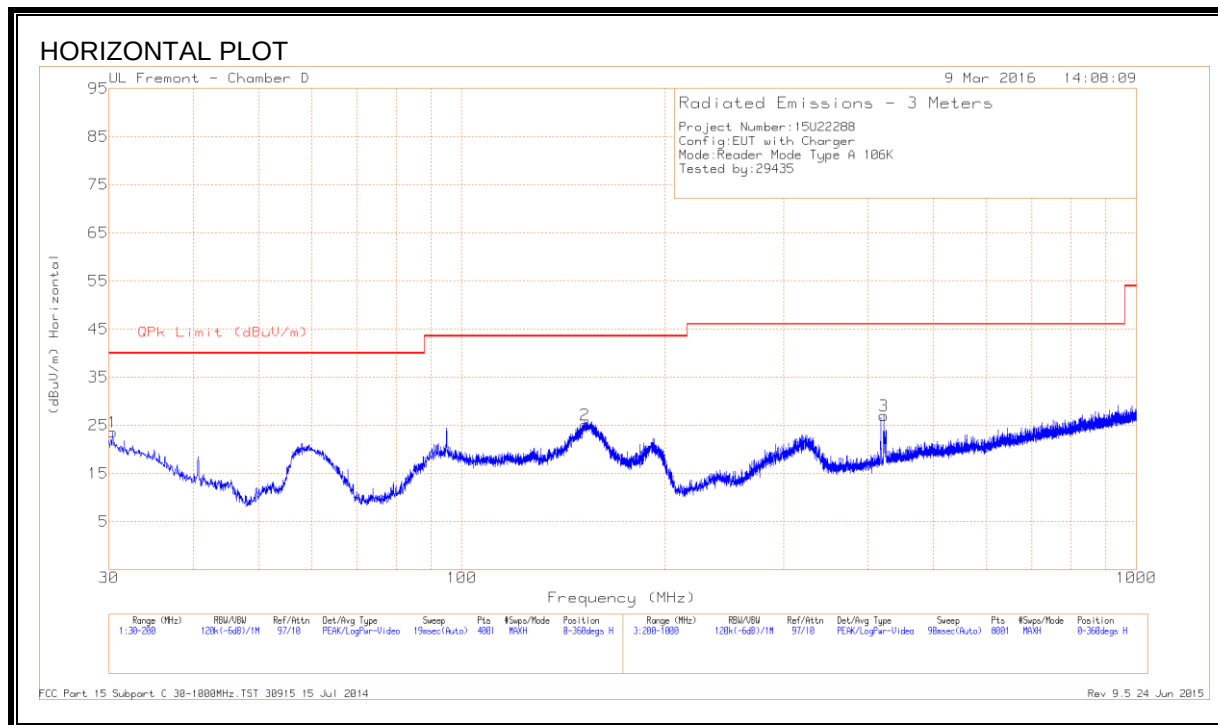


DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	30.085	35.43	Pk	25.4	-31.9	28.93	40	-11.07	0-360	100	V
5	40.71	38.94	Pk	17.4	-31.8	24.54	40	-15.46	0-360	100	V
1	56.8175	38.33	Pk	11.1	-31.7	17.73	40	-22.27	0-360	401	H
6	67.7825	44.38	Pk	12	-31.5	24.88	40	-15.12	0-360	100	V
2	150.3175	42.46	Pk	16.5	-31.1	27.86	43.52	-15.66	0-360	201	H
7	417.7	36.22	Pk	20.1	-29.9	26.42	46.02	-19.6	0-360	99	V
8	422.2	36.69	Pk	20.2	-29.9	26.99	46.02	-19.03	0-360	301	V
3	422.3	35.96	Pk	20.2	-29.9	26.26	46.02	-19.76	0-360	301	H

Pk - Peak detector

106Kbps



DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	30.2125	36.15	Pk	25.3	-31.9	29.55	40	-10.45	0-360	103	V
1	30.34	30.28	Pk	25.2	-31.9	23.58	40	-16.42	0-360	301	H
5	40.6675	39.13	Pk	17.4	-31.8	24.73	40	-15.27	0-360	103	V
6	67.825	44.69	Pk	12	-31.5	25.19	40	-14.81	0-360	103	V
2	152.1875	39.66	Pk	16.4	-31	25.06	43.52	-18.46	0-360	201	H
3	422.2	36.74	Pk	20.2	-29.9	27.04	46.02	-18.98	0-360	301	H
7	422.2	37.09	Pk	20.2	-29.9	27.39	46.02	-18.63	0-360	100	V

Pk - Peak detector