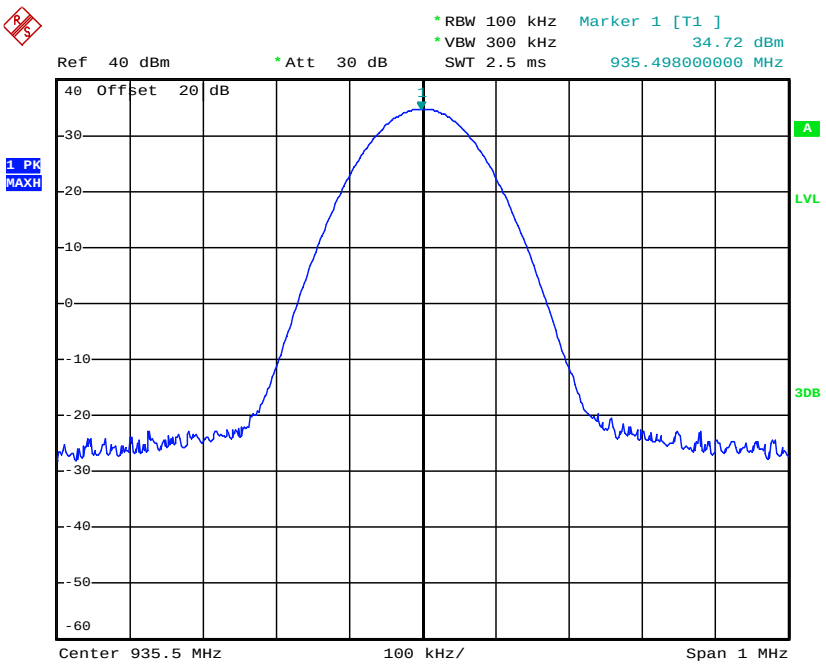
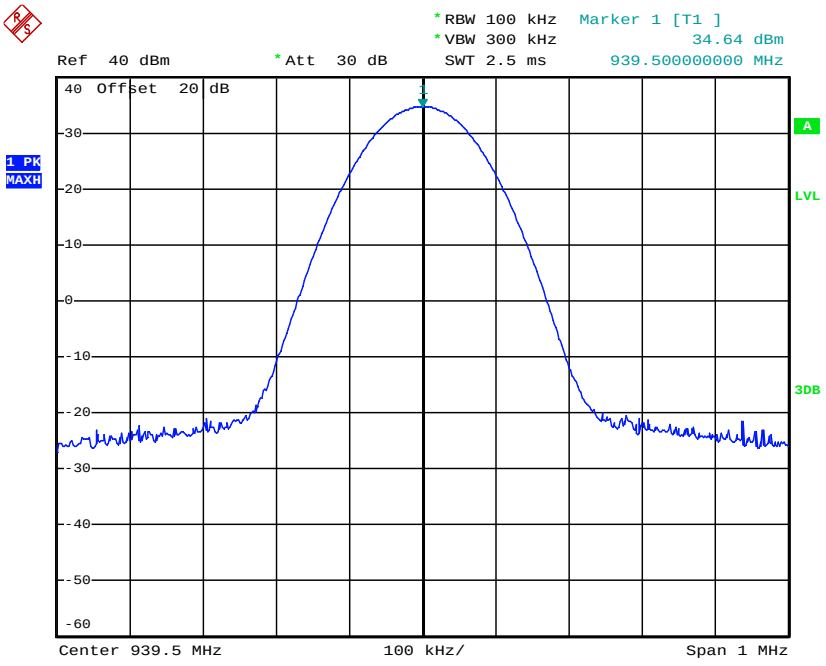
Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	935.5000	2.5	34.72	Varies	Complicance



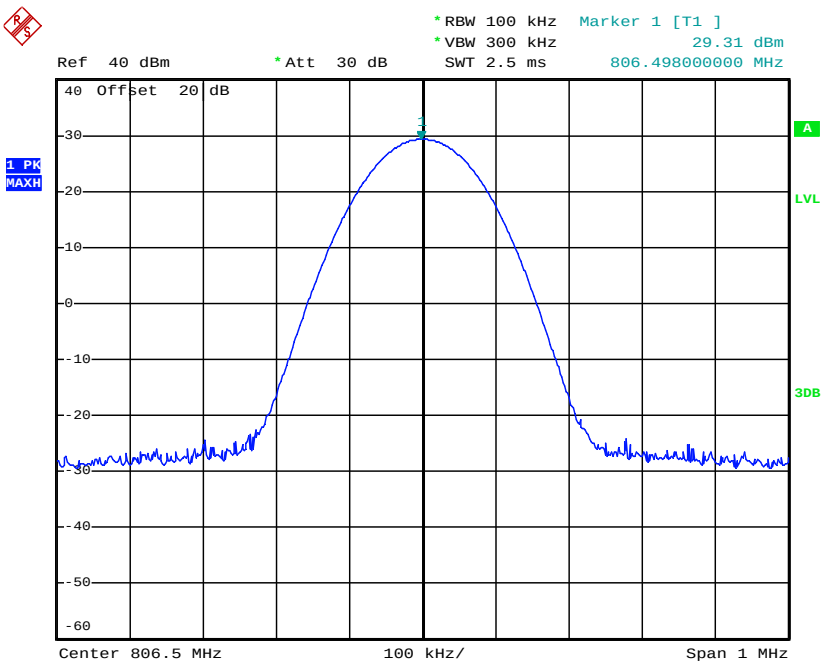
Date: 11.APR.2012 10:56:30

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	939.5000	2.5	34.64	Varies	Complicance



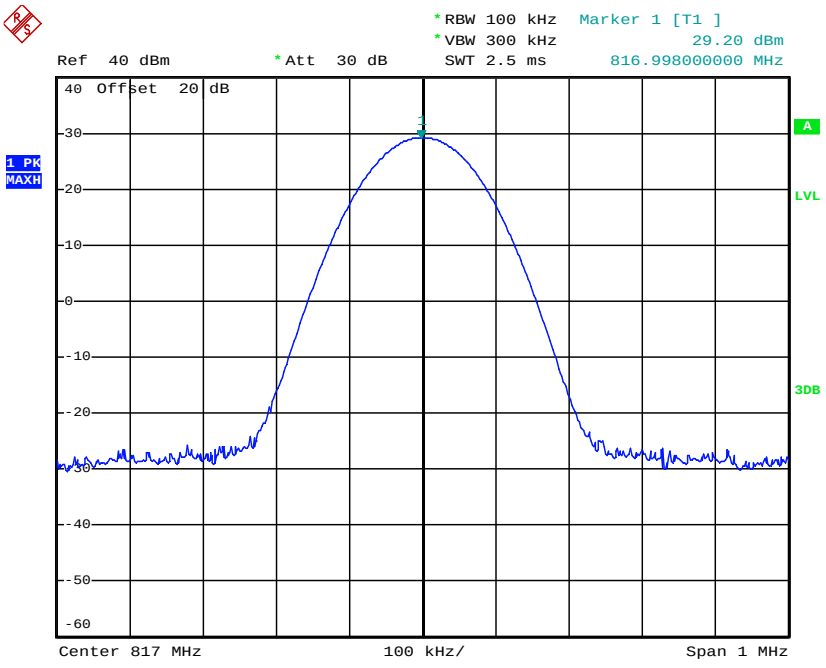
Date: 11.APR.2012 10:57:39

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	25 KHz	806.5000	1	29.31	Varies	Complicance



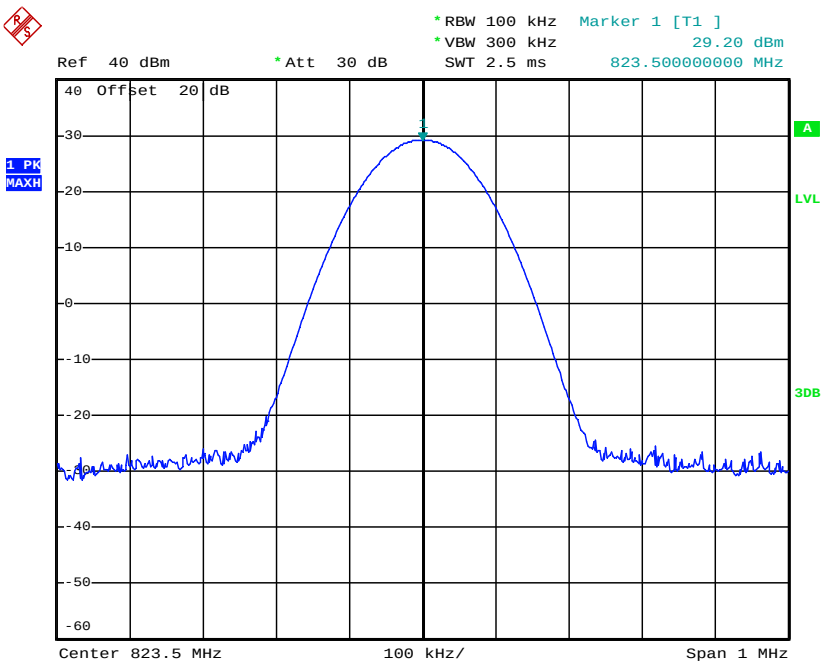
Date: 11.APR.2012 10:27:37

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	25 KHz	817.0000	1	29.20	Varies	Complicance



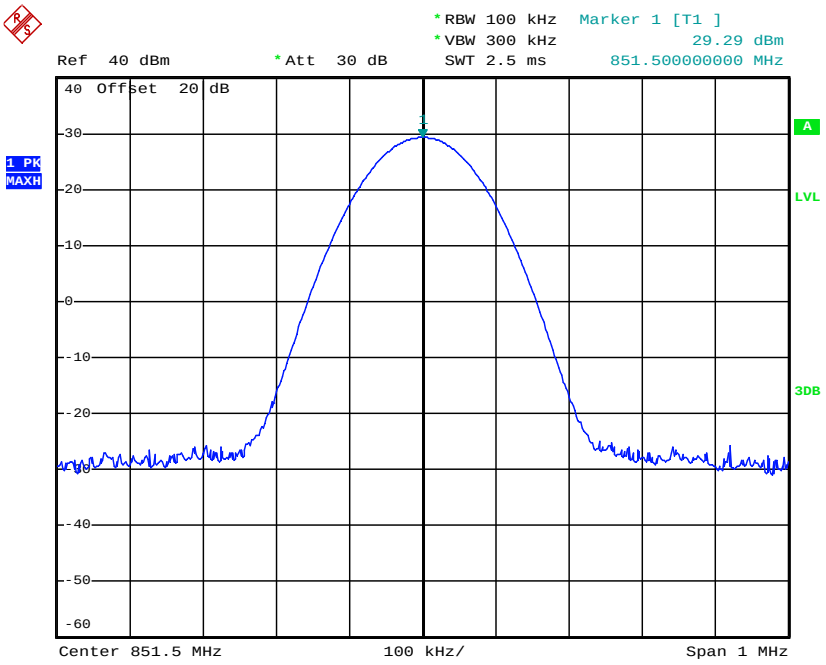
Date: 11.APR.2012 10:28:24

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	25 KHz	823.5000	1	29.20	Varies	Complicance



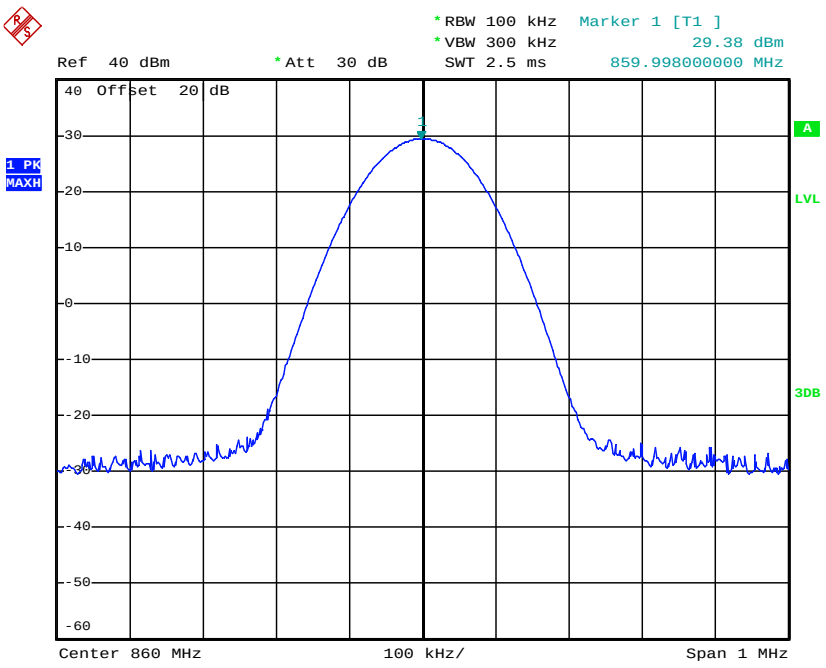
Date: 11.APR.2012 10:29:01

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	25 KHz	851.5000	1	29.29	Varies	Complicance



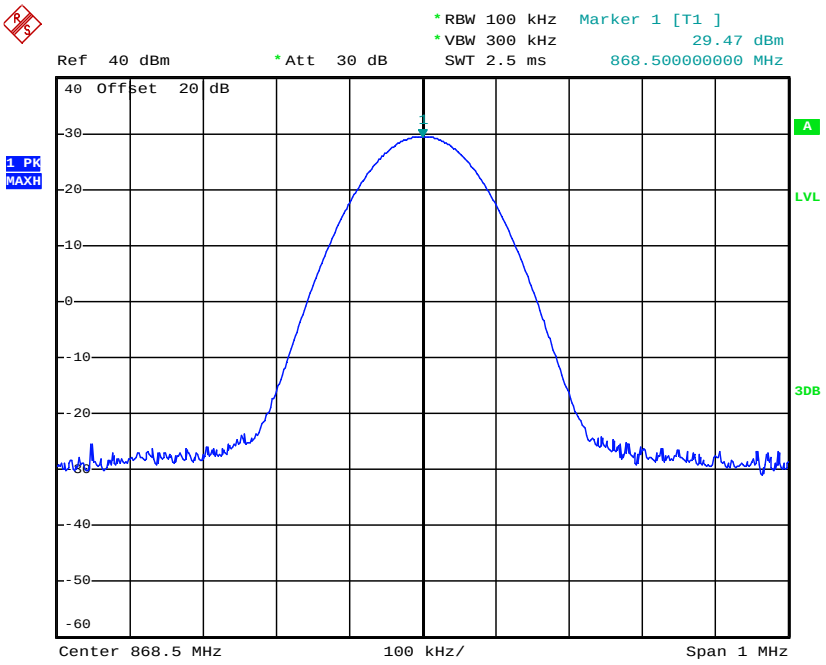
Date: 11.APR.2012 10:29:43

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	25 KHz	860.0000	1	29.38	Varies	Complicance



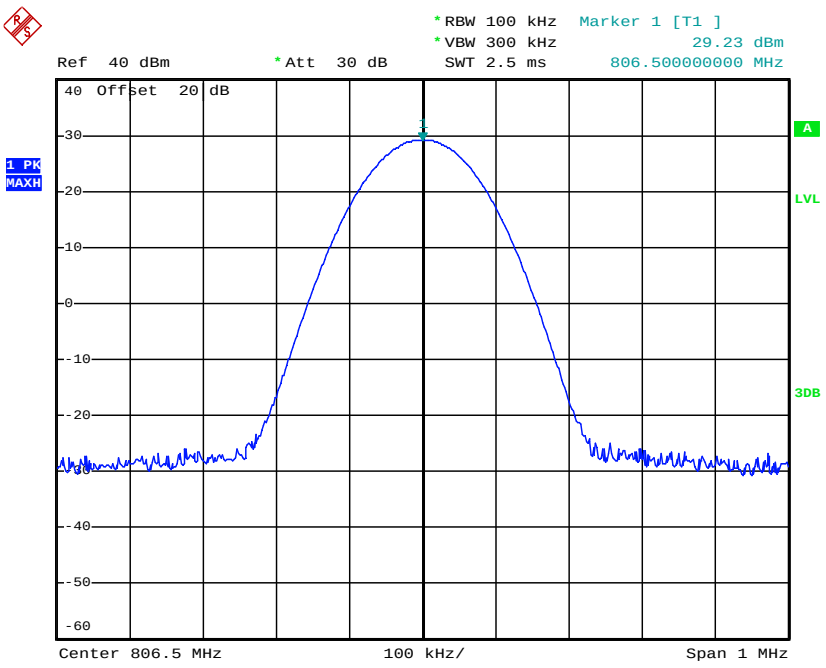
Date: 11.APR.2012 10:30:40

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	25 KHz	868.5000	1	29.47	Varies	Complicance



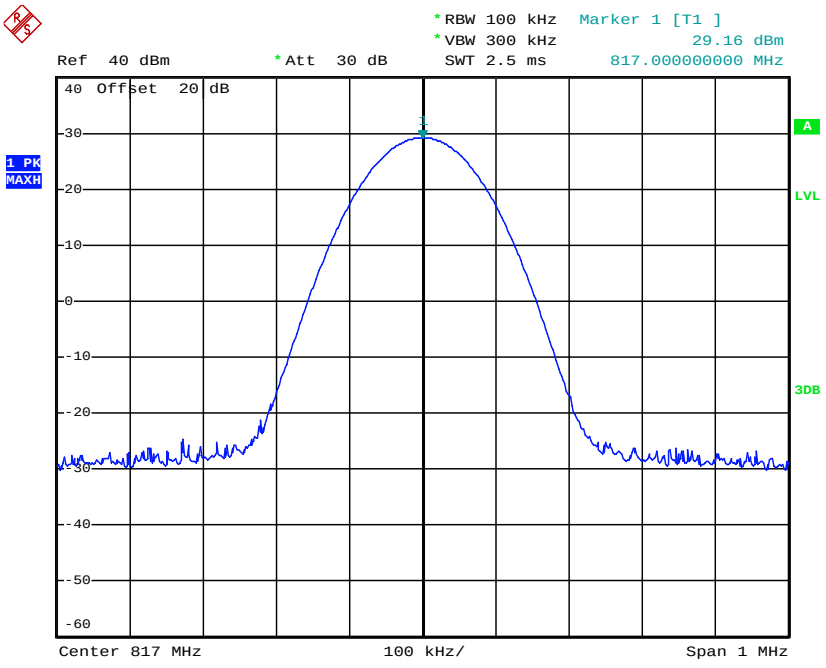
Date: 11.APR.2012 10:31:22

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	12.5 KHz	806.5000	1	29.29	Varies	Complicance



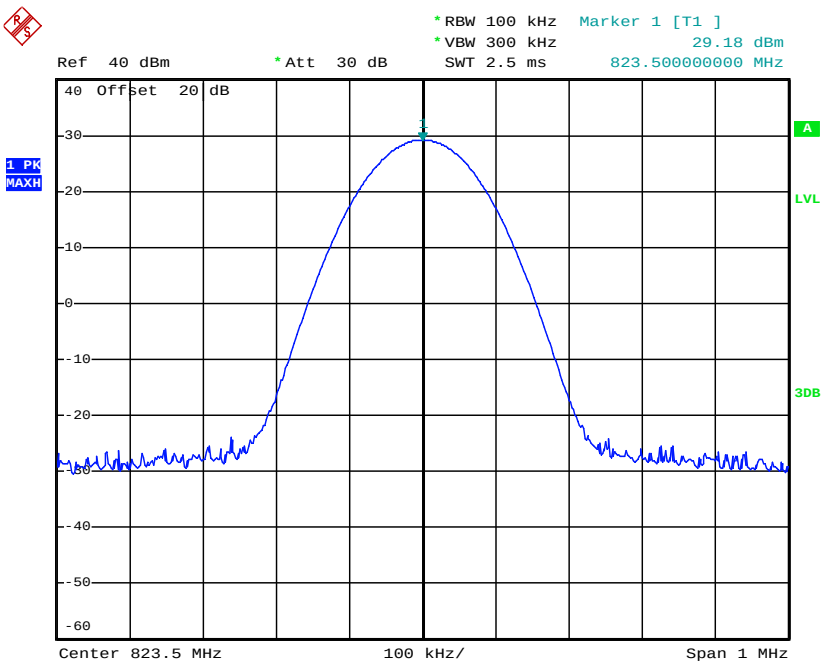
Date: 11.APR.2012 10:32:30

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	12.5 KHz	817.0000	1	29.16	Varies	Complicance



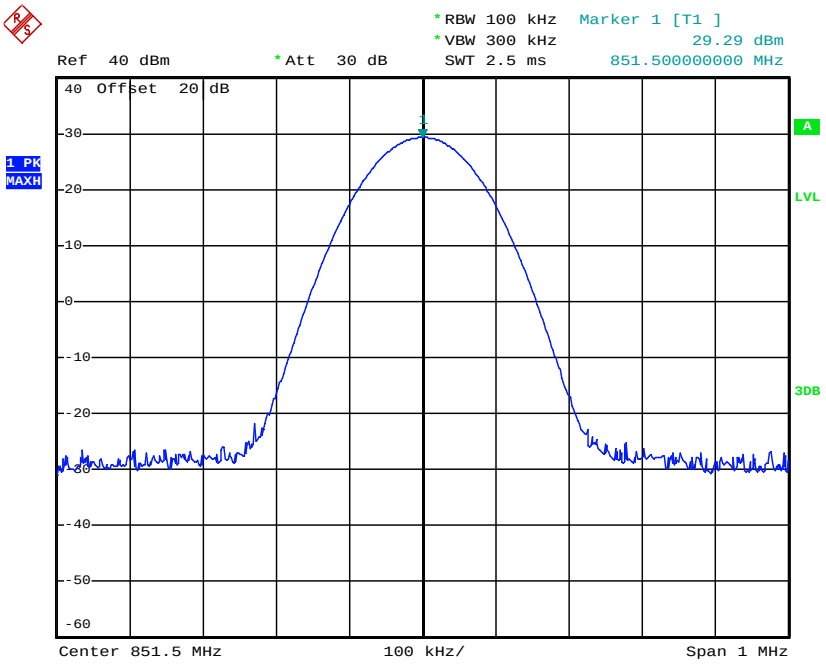
Date: 11.APR.2012 10:33:11

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	12.5 KHz	823.5000	1	29.18	Varies	Complicance



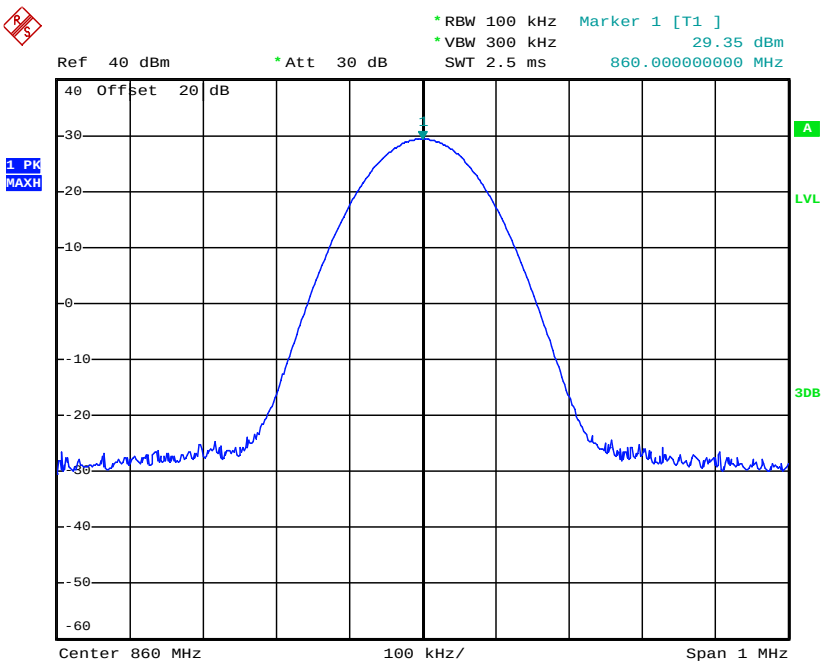
Date: 11.APR.2012 10:36:04

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	12.5 KHz	851.5000	1	29.29	Varies	Complicance



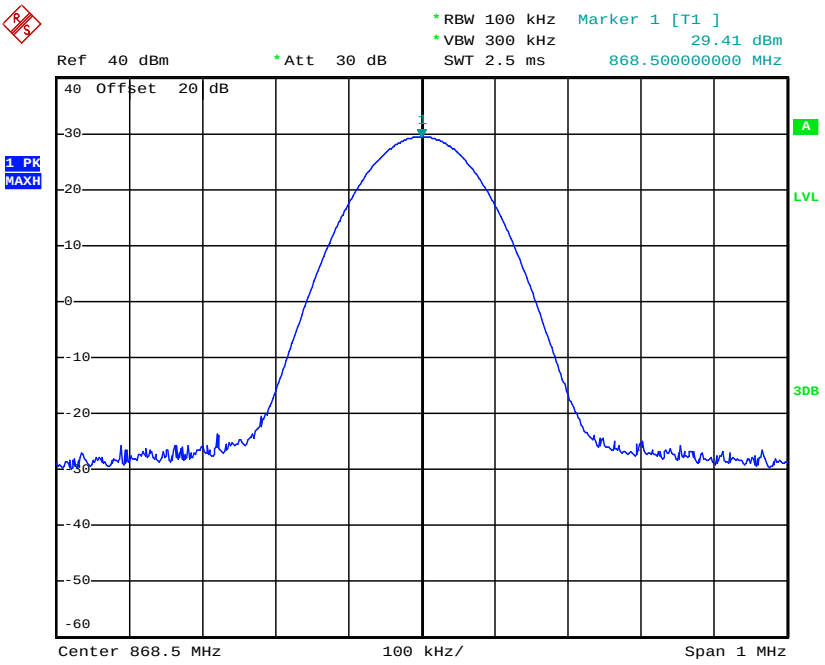
Date: 11.APR.2012 10:36:46

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	12.5 KHz	860.0000	1	29.35	Varies	Complicance



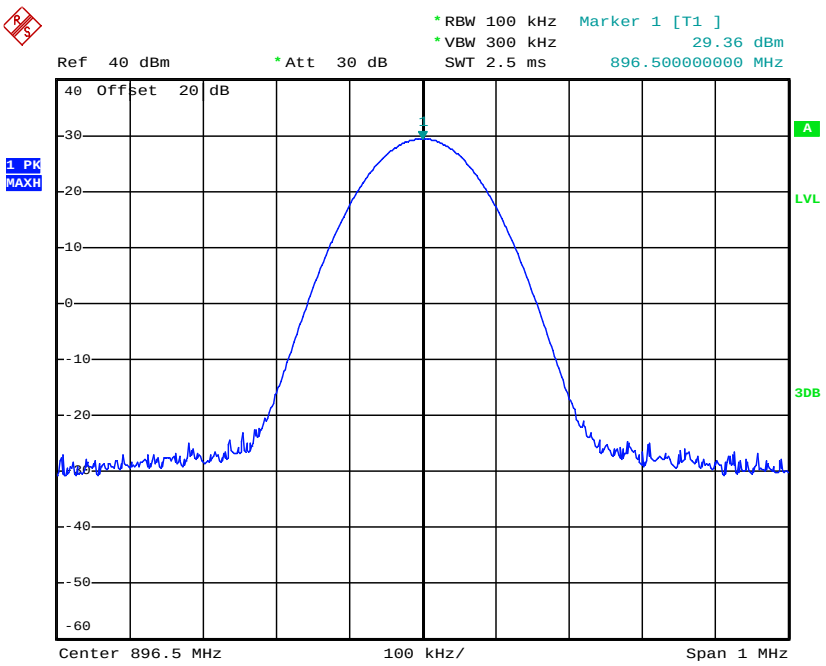
Date: 11.APR.2012 10:37:19

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	12.5 KHz	868.5000	1	29.41	Varies	Complicance



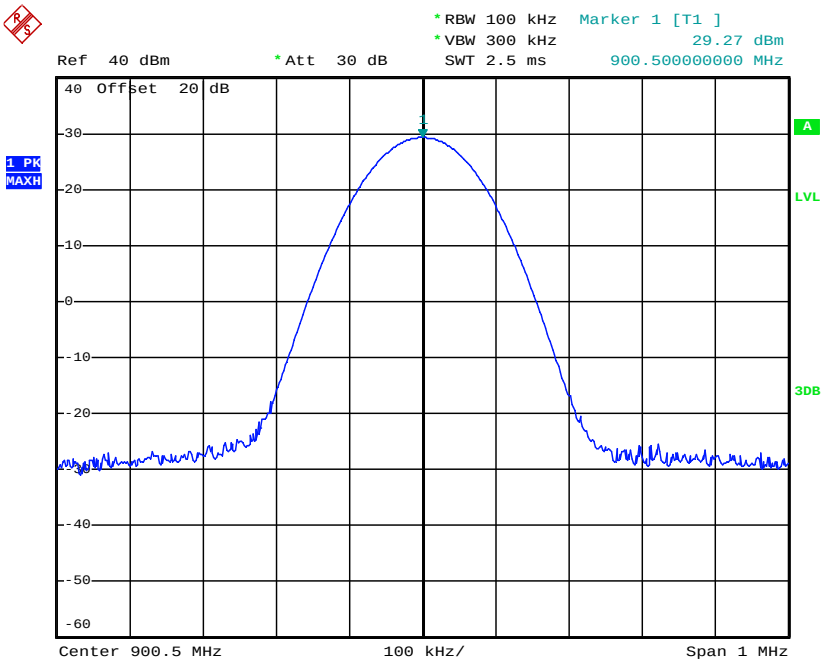
Date: 11.APR.2012 10:38:02

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	12.5 KHz	896.5000	1	29.36	Varies	Complicance



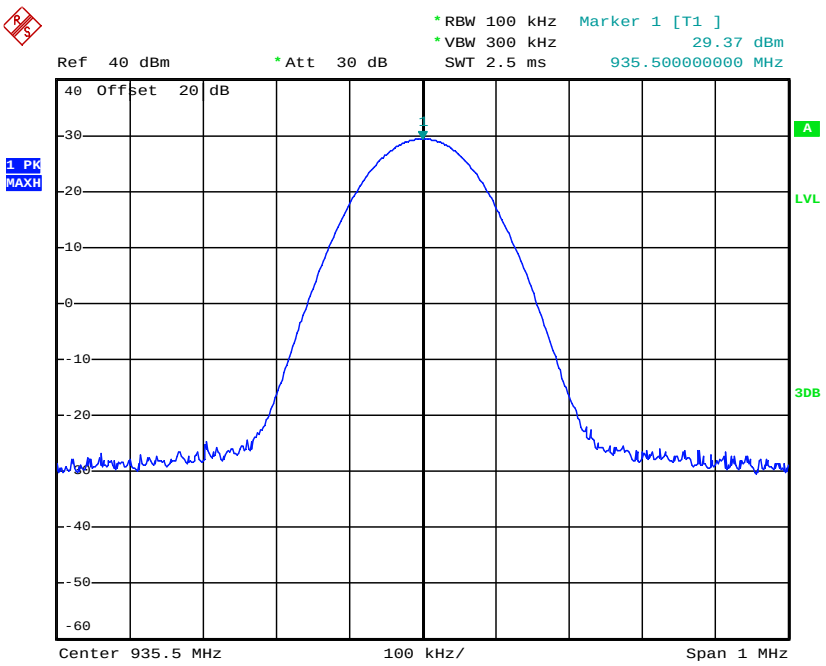
Date: 11.APR.2012 10:39:09

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	12.5 KHz	900.5000	1	29.27	Varies	Complicance



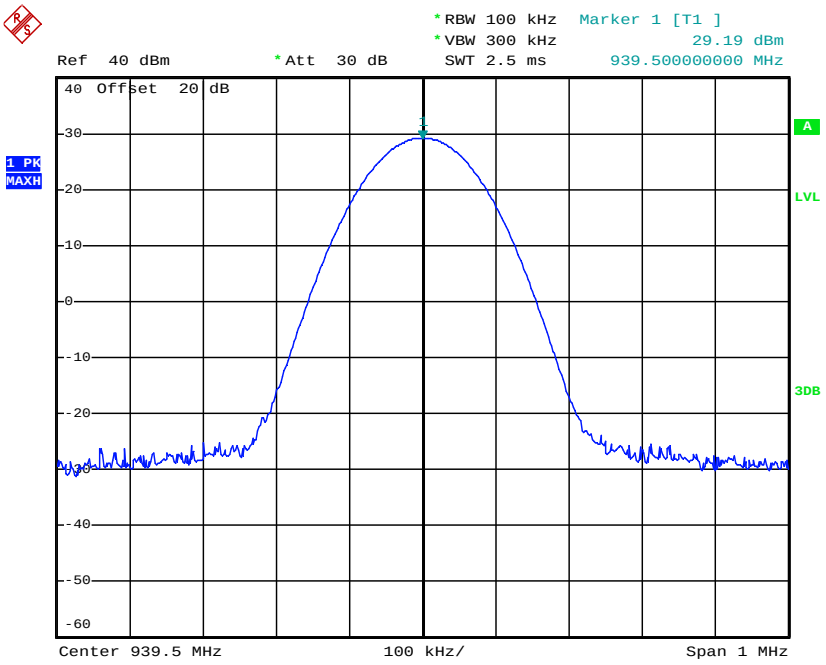
Date: 11.APR.2012 10:39:58

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	12.5 KHz	935.5000	1	29.37	Varies	Complicance



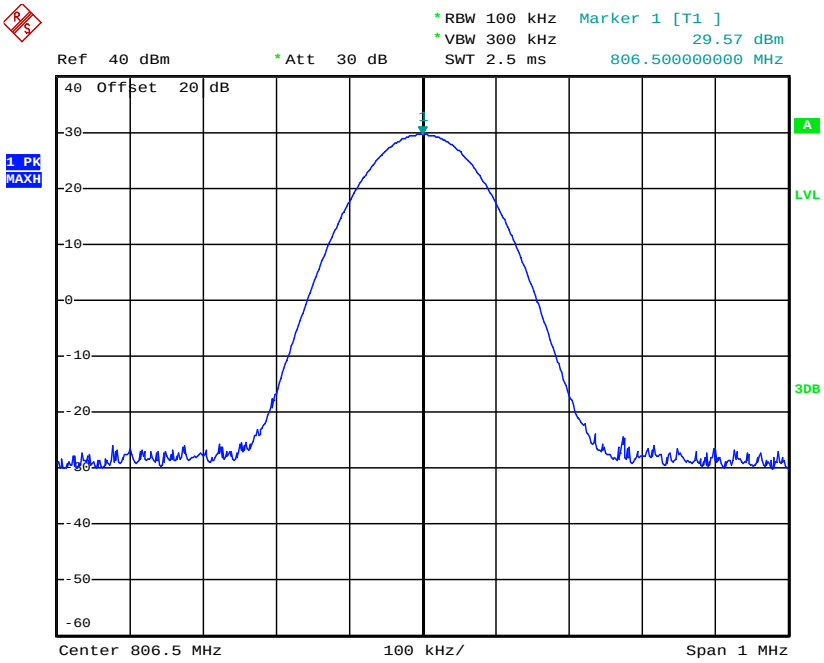
Date: 11.APR.2012 10:41:34

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
FM	12.5 KHz	939.5000	1	29.19	Varies	Complicance



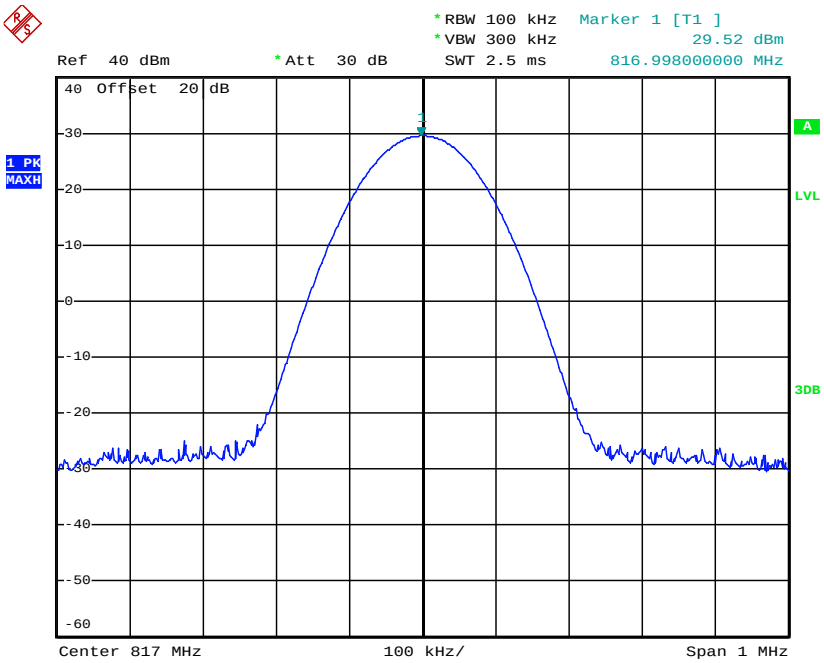
Date: 11.APR.2012 10:59:32

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	806.5000	1	29.57	Varies	Complicance



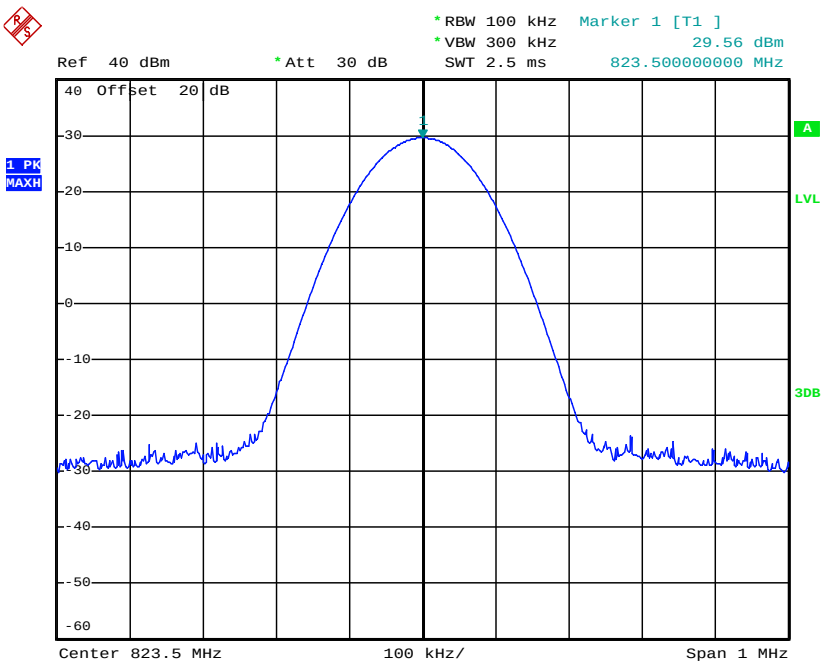
Date: 11.APR.2012 10:45:13

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	817.0000	1	29.52	Varies	Complicance



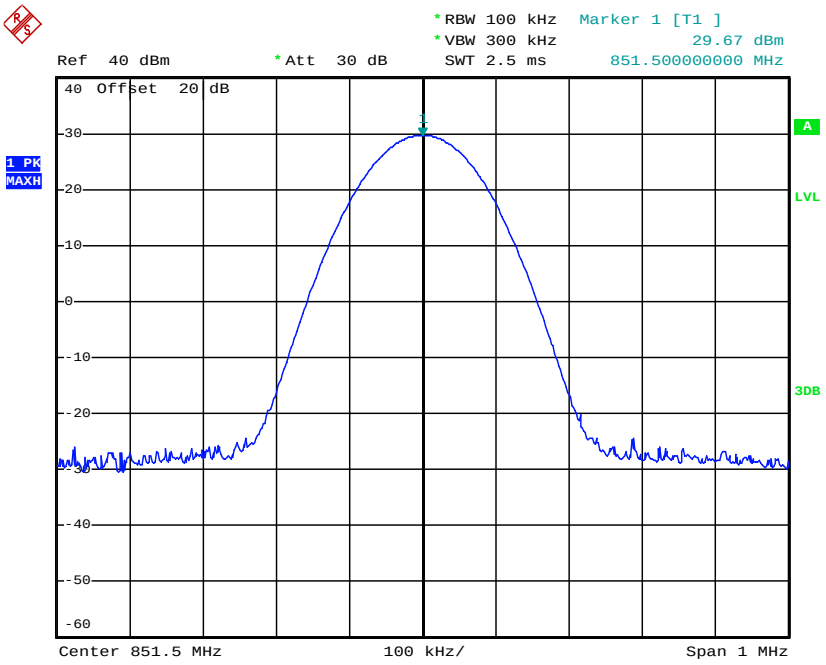
Date: 11.APR.2012 10:45:45

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	823.5000	1	29.56	Varies	Complicance



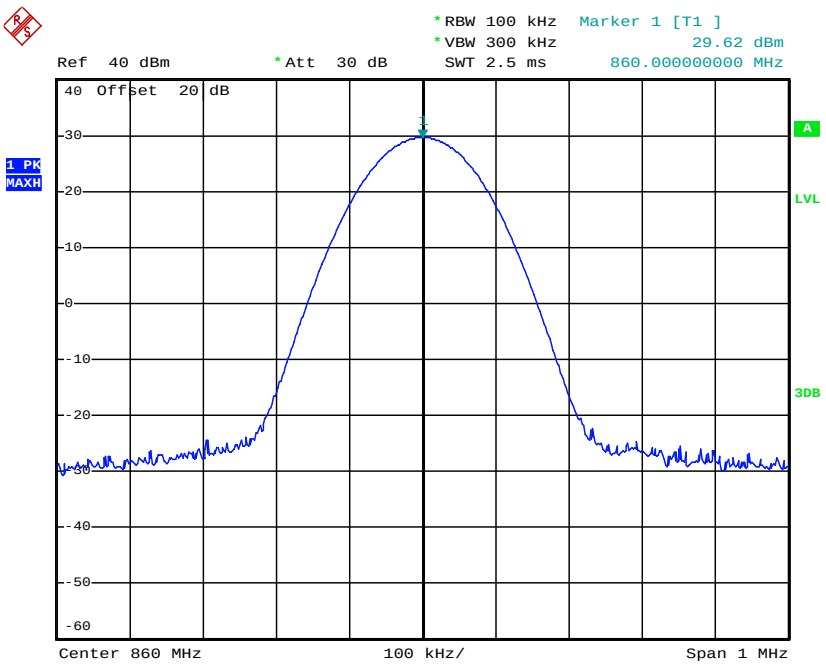
Date: 11.APR.2012 10:46:12

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	851.5000	1	29.67	Varies	Complicance



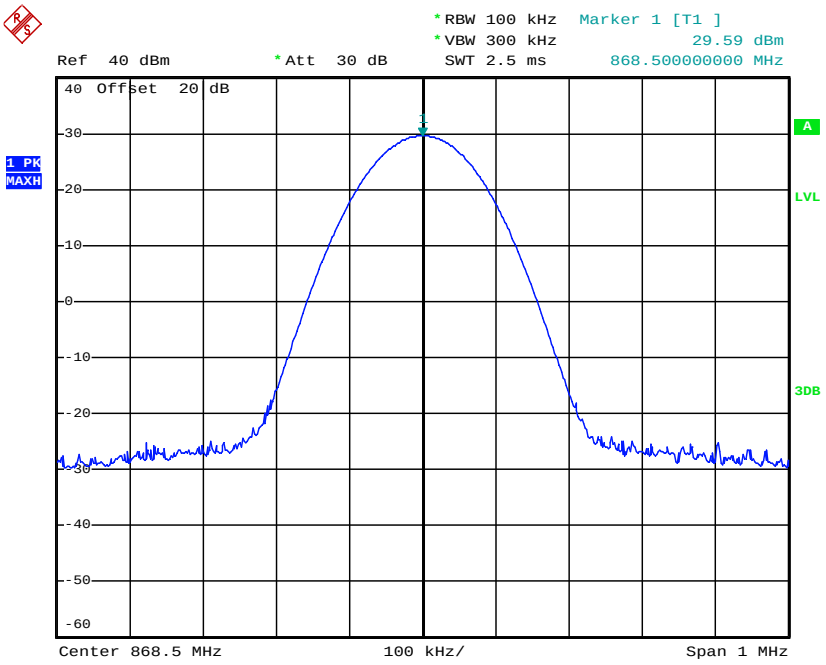
Date: 11.APR.2012 10:46:53

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	860.0000	1	29.62	Varies	Complicance



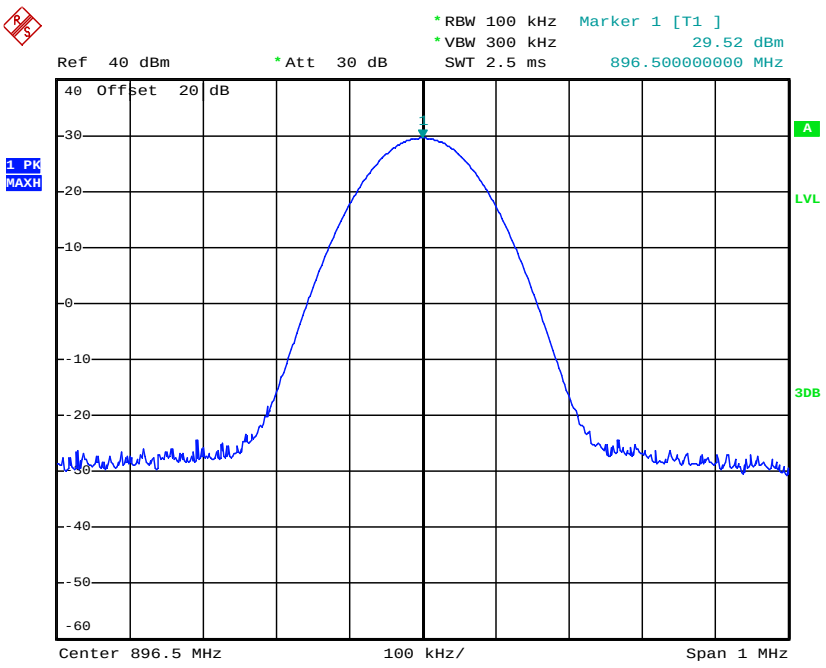
Date: 11.APR.2012 10:48:00

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	868.5000	1	29.59	Varies	Complicance



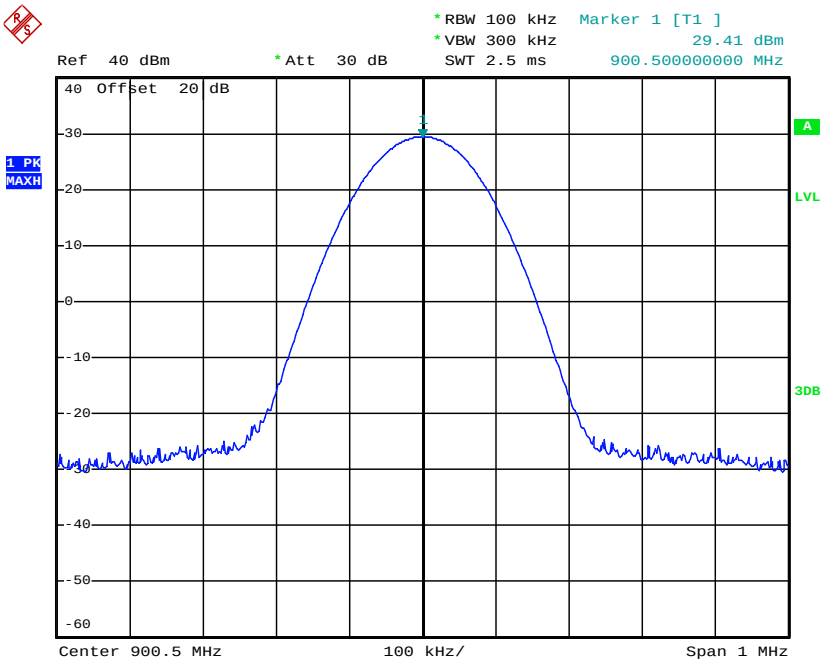
Date: 11.APR.2012 10:54:23

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	896.5000	1	29.52	Varies	Complicance



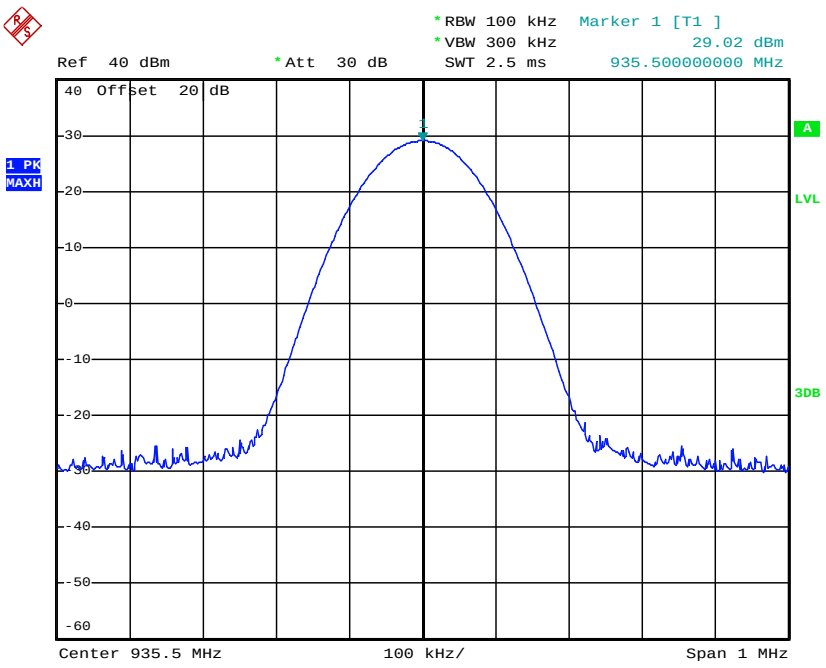
Date: 11.APR.2012 10:55:22

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	900.5000	1	29.41	Varies	Complicance



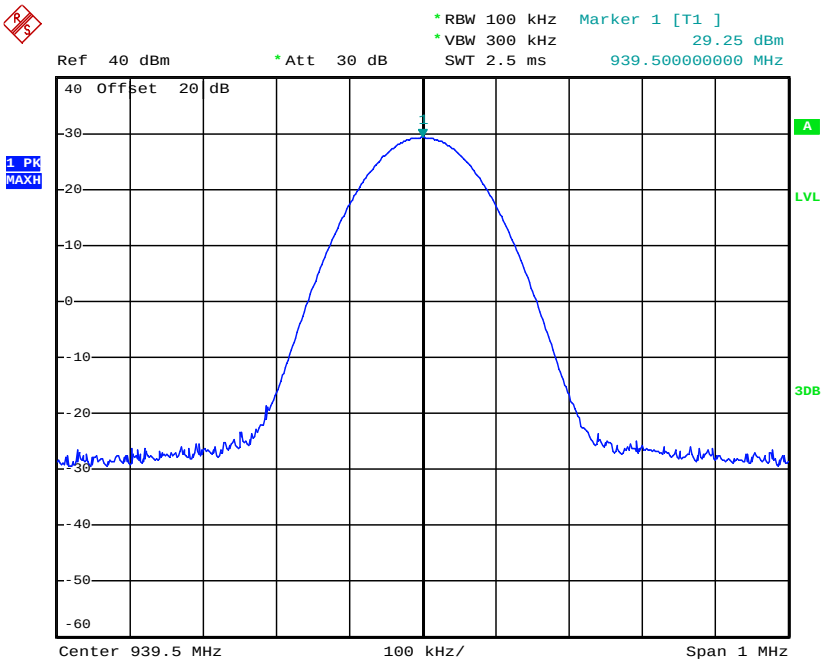
Date: 11.APR.2012 10:56:01

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	935.5000	1	29.02	Varies	Complicance



Date: 11.APR.2012 10:56:50

Modulation Type	Channel Separation	Freq.(MHz)	Rated Power (Watt)	Measurement (dBm)	FCC Limit	Results
4FSK	12.5 KHz	939.5000	1	29.25	Varies	Complicance



Date: 11.APR.2012 10:57:57

4.8. Receiver Radiated Spurious Emssion

TEST APPLICABLE

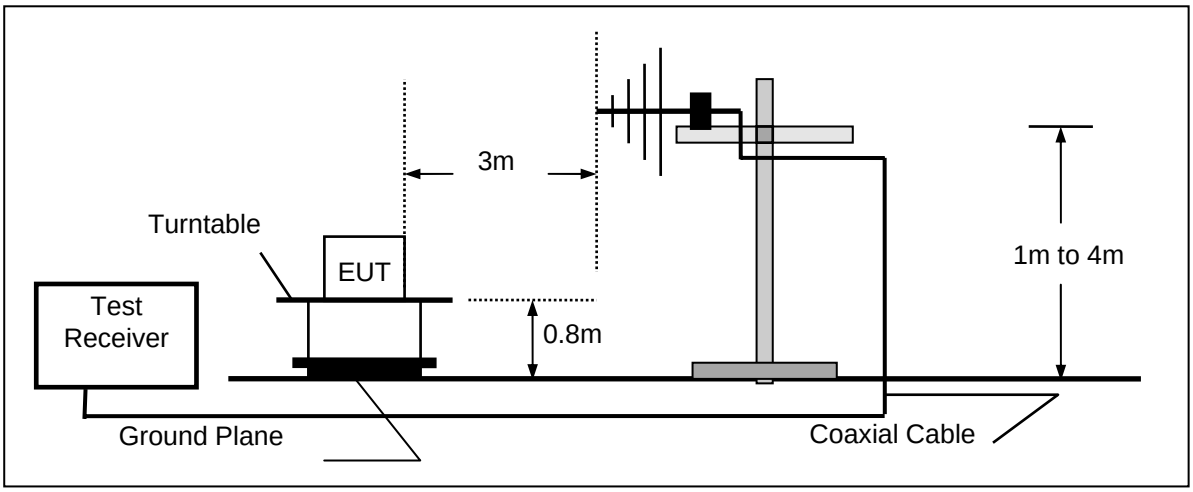
The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

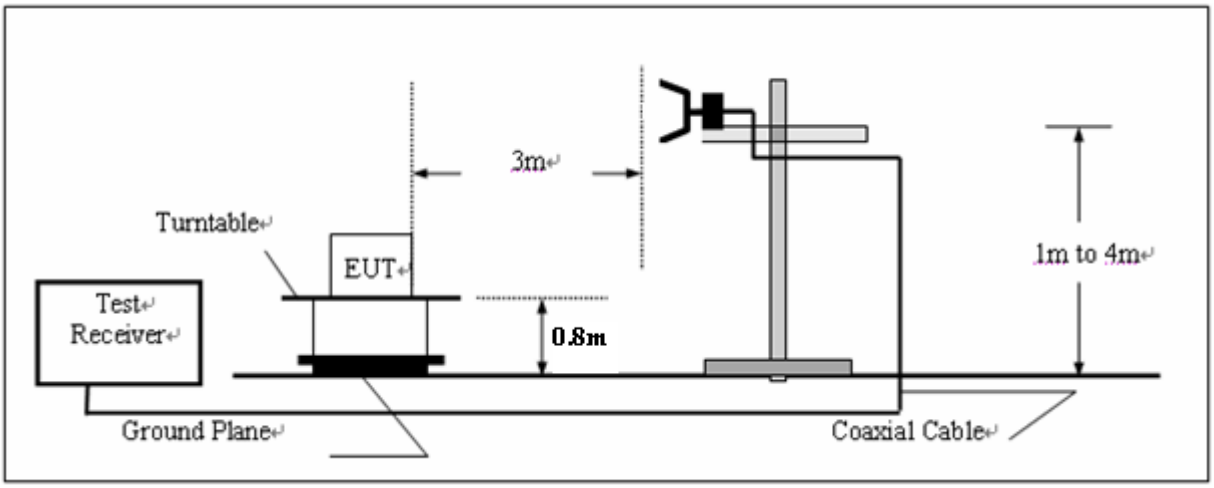
Where FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
RA = Reading Amplitude	AG = Amplifier Gain
AF = Antenna Factor	

TEST CONFIGURATION

(A) Radiated Emission Test Set-Up, Frequency below 1000MHz



(B) Radiated Emission Test Set-Up, Frequency above 1000MHz



TEST PROCEDURE

1 The EUT was placed on a turn table which is 0.8m above ground plane.
2 Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0℃ to 360℃ to acquire the highest emissions from EUT
3 And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4 Repeat above procedures until all frequency measurements have been completed.

RECEIVER RADIATED SPOUIOUS LIMIT

For unintentional device, according to § 15.109(a) and RSS-Gen, except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values：

Frequency (MHz)	Distance (Meters)	Radiated (dBμV/m)	Radiated (μV/m)
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

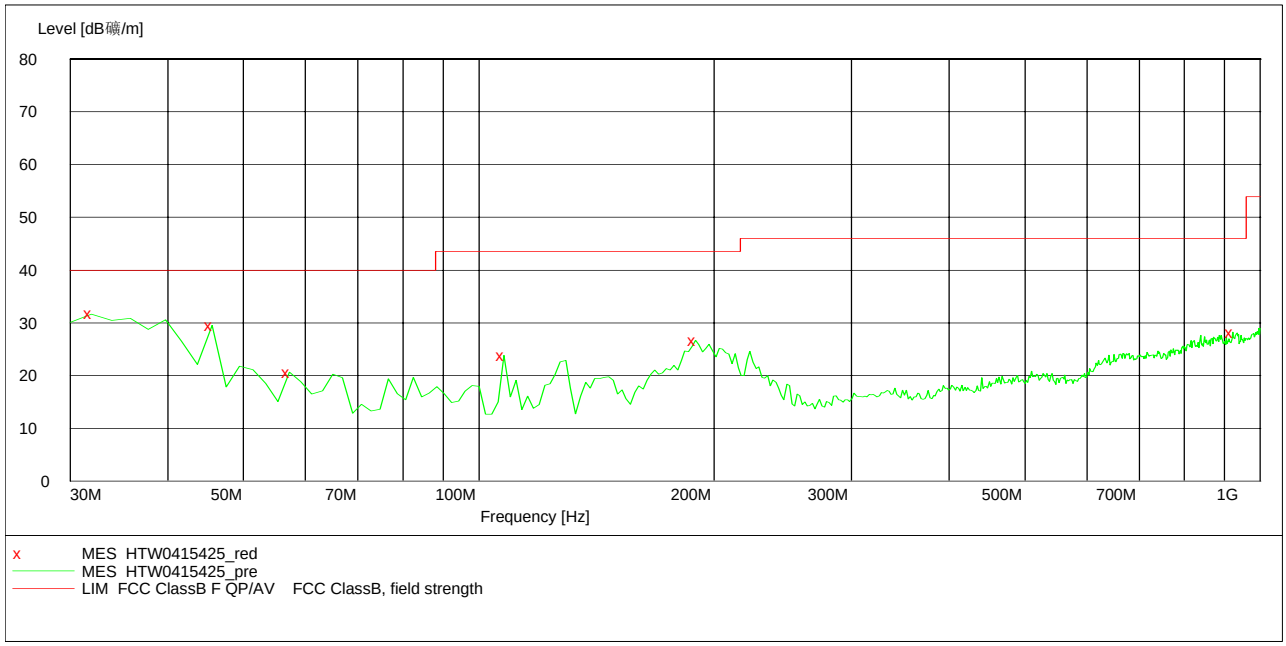
TEST RESULTS

The Radiated Measurement are performed to the five channels (the top channel, the middle channel and the bottom channel), the datum recorded below is the worst case for each channel separation;and the EUT shall be scanned from 30 MHz to the 5th harmonic of the highest oscillator frequency in the digital devices or 1 GHz whichever is higher.

Modulation Type	Channel Separation	Test Frequency (MHz)	Polar.	Maximum Radiated Emissions		FCC Limit (dBuV/m)
				Frequency (MHz)	Datum (dBuV/m)	
FM	12.5 KHz	806.5000	H	31.94	31.70	40.00
			V	51.38	31.20	40.00
Test Results			Compliance			

SWEEP TABLE: "test (30M-1G)"

```
Short Description:           Field Strength
Start      Stop       Detector  Meas.     IF        Transducer
Frequency  Frequency            Time      Bandw.
30.0 MHz   1.0 GHz    MaxPeak   Coupled   120 kHz   HL562 201106
```



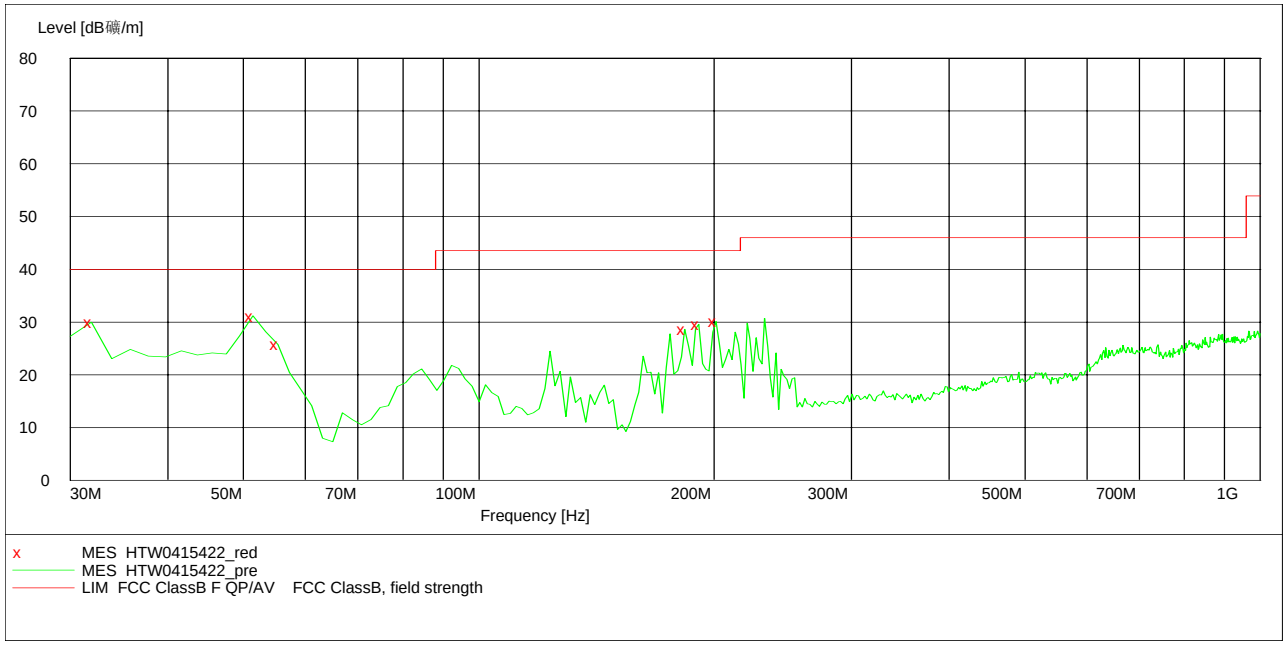
MEASUREMENT RESULT: "HTW0415425_red"

```
4/16/2012  8:58AM
   Frequency     Level  Transd   Limit  Margin  Det.  Height  Azimuth Polarization
         MHz    dBµV/m      dB  dBµV/m      dB              cm      deg

   31.943888     31.70   -12.3    40.0     8.3  Peak    100.0   142.00  HORIZONTAL
   45.551102     29.50   -19.8    40.0    10.5  Peak    300.0   285.00  HORIZONTAL
   57.214429     20.70   -24.6    40.0    19.3  Peak    300.0   285.00  HORIZONTAL
  107.755511     23.80   -19.6    43.5    19.7  Peak    100.0   190.00  HORIZONTAL
  189.398798     26.70   -22.3    43.5    16.8  Peak    300.0    86.00  HORIZONTAL
  922.244489     28.20    -7.1    46.0    17.8  Peak    300.0   318.00  HORIZONTAL
```

SWEEP TABLE: "test (30M-1G)"

Short Description:		Field Strength			
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	120 kHz	HL562 201106



MEASUREMENT RESULT: "HTW0415422_red"

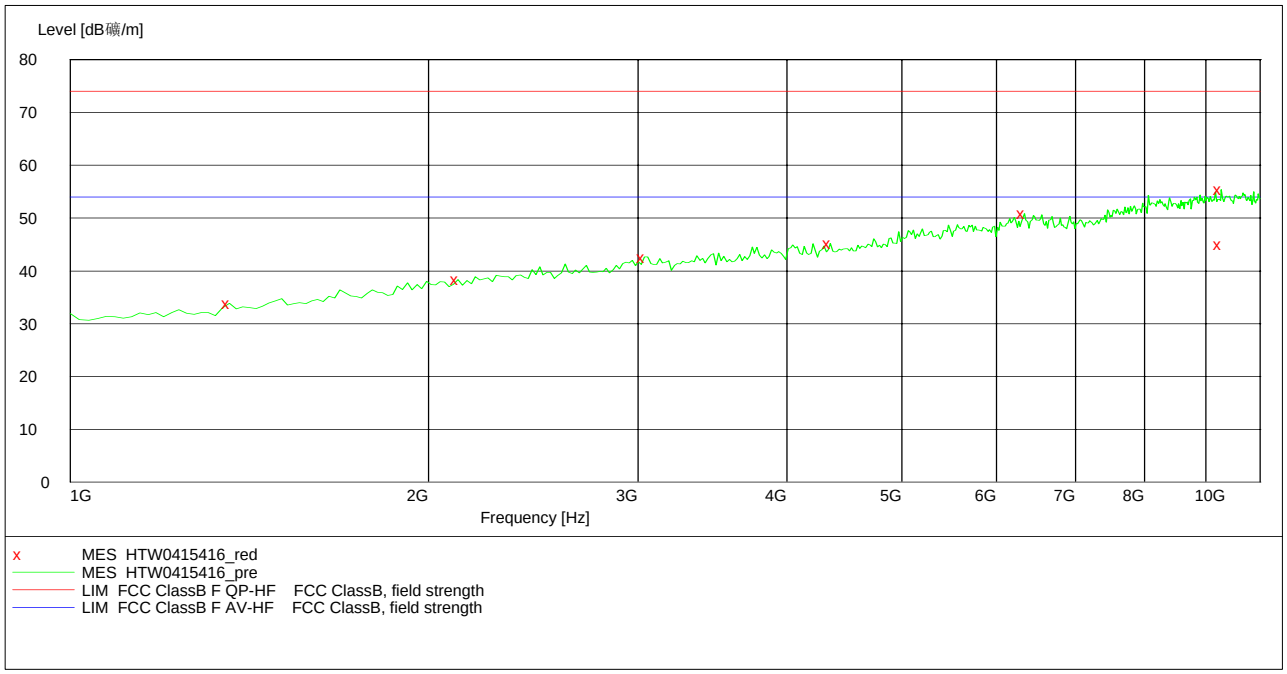
4/15/2012 8:13PM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
31.943888	30.00	-12.3	40.0	10.0	Peak	100.0	335.00	VERTICAL
51.382766	31.20	-22.8	40.0	8.8	Peak	100.0	193.00	VERTICAL
55.270541	25.80	-23.9	40.0	14.2	Peak	100.0	309.00	VERTICAL
183.567134	28.60	-22.2	43.5	14.9	Peak	100.0	173.00	VERTICAL
191.342685	29.50	-22.2	43.5	14.0	Peak	100.0	140.00	VERTICAL
201.062124	30.10	-21.3	43.5	13.4	Peak	100.0	0.00	VERTICAL

Modulation Type	Channel Separation	Test Frequency (MHz)	Polar.	Maximum Radiated Emissions		FCC Limit (dBuV/m)
				Frequency (MHz)	Datum (dBuV/m)	
FM	25 KHz	806.5000	H	9278.56	45.20	54.00
			V	9639.28	45.00	54.00
Test Results			Compliance			

SWEEP TABLE: "test (1G-18G) P"

```
Short Description:           EN 55022 Field Strength
Start      Stop       Detector  Meas.     IF         Transducer
Frequency  Frequency            Time      Bandw.
1.0 GHz    18.0 GHz   MaxPeak   Coupled   1 MHz      HF906 2011
                      Average
```



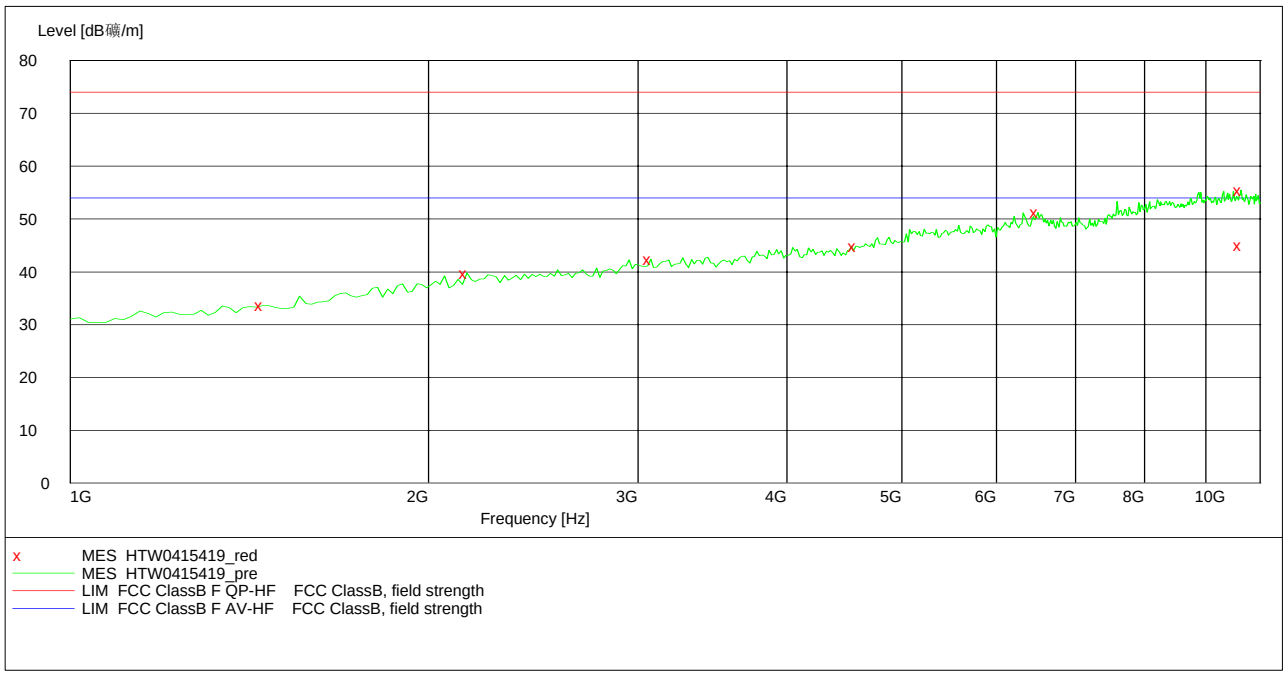
MEASUREMENT RESULT: "HTW0415416_red"

4/16/2012 8:49AM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1360.721443	33.90	-24.4	54.0	20.1	Peak	100.0	72.00	HORIZONTAL
2118.236473	38.40	-18.9	54.0	15.6	Peak	100.0	360.00	HORIZONTAL
3038.076152	42.60	-15.2	54.0	11.4	Peak	100.0	311.00	HORIZONTAL
4354.709419	45.20	-13.0	54.0	8.8	Peak	100.0	225.00	HORIZONTAL
6338.677355	50.90	-8.3	54.0	3.1	Peak	100.0	106.00	HORIZONTAL
9278.557114	55.40	-2.0	74.0	18.6	Peak	100.0	163.00	HORIZONTAL
9278.557114	45.00	-2.0	54.0	9.0	AV	100.0	163.00	HORIZONTAL

SWEEP TABLE: "test (1G-18G) P"

Short Description:		EN 55022 Field Strength			
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
1.0 GHz	18.0 GHz	MaxPeak Average	Coupled	1 MHz	HF906 2011



MEASUREMENT RESULT: "HTW0415419_red"

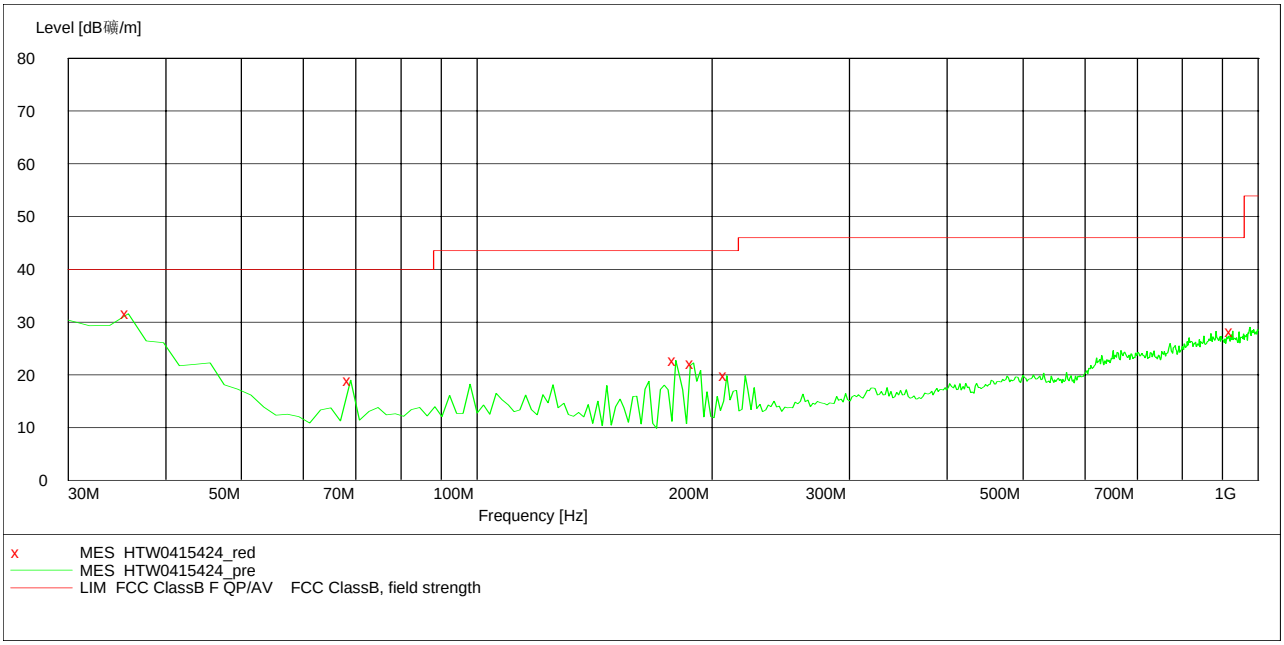
4/16/2012 8:52AM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1450.901804	33.60	-23.9	54.0	20.4	Peak	100.0	293.00	VERTICAL
2154.308617	39.70	-18.7	54.0	14.3	Peak	100.0	3.00	VERTICAL
3074.148297	42.40	-15.1	54.0	11.6	Peak	100.0	107.00	VERTICAL
4571.142285	44.90	-12.8	54.0	9.1	Peak	100.0	136.00	VERTICAL
6501.002004	51.20	-7.8	54.0	2.8	Peak	100.0	0.00	VERTICAL
9639.278557	55.40	-1.7	74.0	18.6	Peak	100.0	321.00	VERTICAL
9639.278557	45.00	-1.7	54.0	9.0	AV	100.0	321.00	VERTICAL

Modulation Type	Channel Separation	Test Frequency (MHz)	Polar.	Maximum Radiated Emissions		FCC Limit (dBuV/m)
				Frequency (MHz)	Datum (dBuV/m)	
FM	25 KHz	806.5000	H	35.83	31.60	40.00
			V	30.00	30.60	40.00
Test Results			Compliance			

SWEEP TABLE: "test (30M-1G)"

```
Short Description:           Field Strength
Start      Stop       Detector  Meas.     IF        Transducer
Frequency  Frequency            Time      Bandw.
30.0 MHz   1.0 GHz    MaxPeak   Coupled   120 kHz   HL562 201106
```



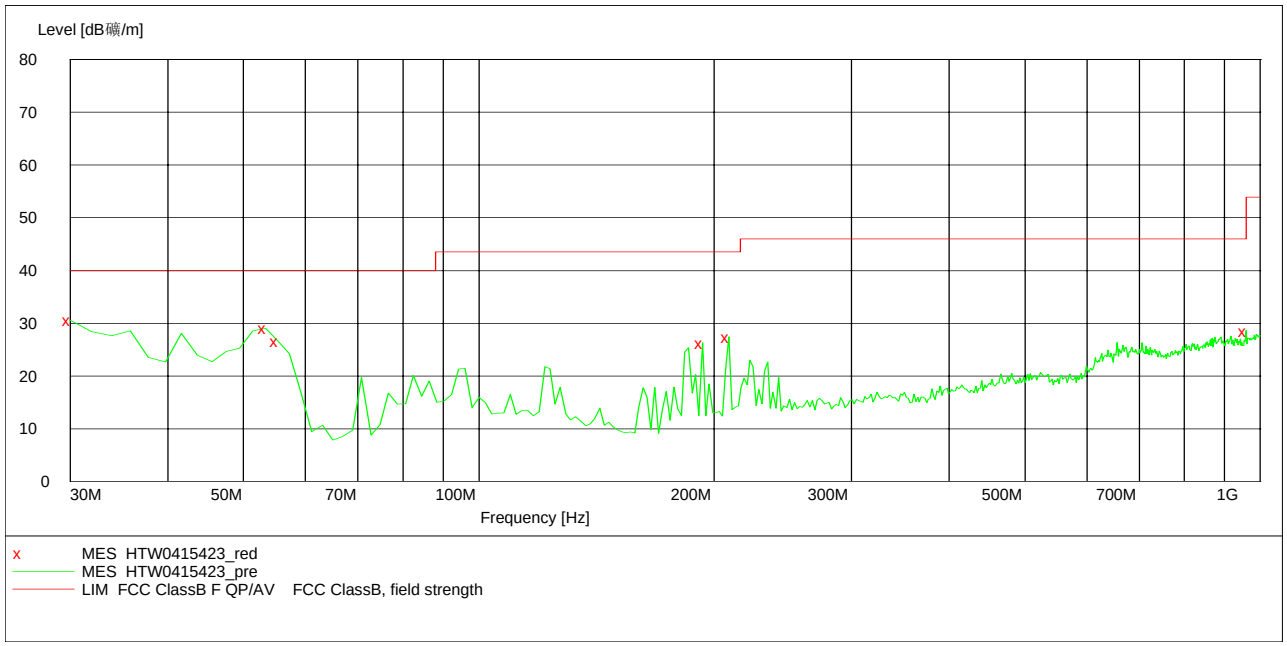
MEASUREMENT RESULT: "HTW0415424_red"

4/16/2012 8:57AM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
35.831663	31.60	-14.2	40.0	8.4	Peak	300.0	36.00	HORIZONTAL
68.877756	19.00	-23.3	40.0	21.0	Peak	300.0	36.00	HORIZONTAL
179.679359	22.70	-22.1	43.5	20.8	Peak	300.0	116.00	HORIZONTAL
189.398798	22.20	-22.3	43.5	21.3	Peak	300.0	55.00	HORIZONTAL
208.837675	19.90	-21.0	43.5	23.6	Peak	300.0	283.00	HORIZONTAL
928.076152	28.30	-7.1	46.0	17.7	Peak	100.0	136.00	HORIZONTAL

SWEEP TABLE: "test (30M-1G)"

Short Description:			Field Strength		
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	120 kHz	HL562 201106



MEASUREMENT RESULT: "HTW0415423_red"

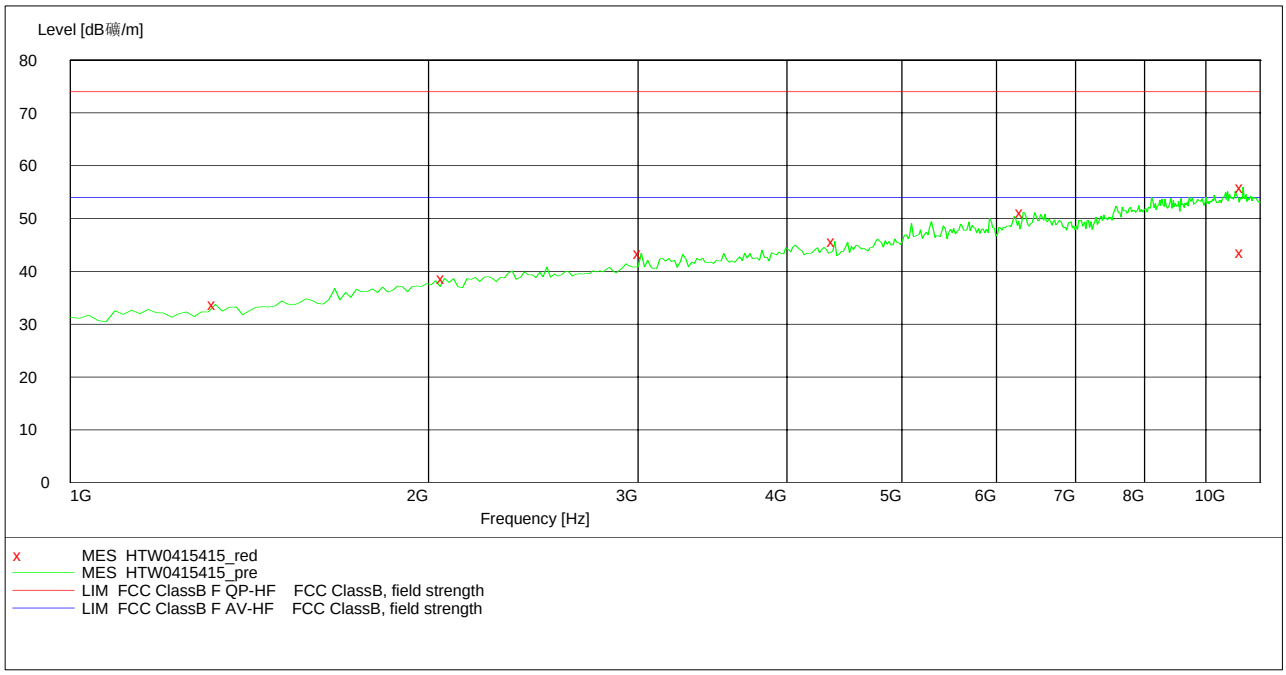
4/16/2012 8:56AM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	30.60	-11.3	40.0	9.4	Peak	100.0	229.00	VERTICAL
53.326653	29.00	-23.3	40.0	11.0	Peak	100.0	334.00	VERTICAL
55.270541	26.60	-23.9	40.0	13.4	Peak	100.0	343.00	VERTICAL
193.286573	26.30	-22.0	43.5	17.2	Peak	100.0	208.00	VERTICAL
208.837675	27.40	-21.0	43.5	16.1	Peak	100.0	298.00	VERTICAL
959.178357	28.60	-6.9	46.0	17.4	Peak	100.0	196.00	VERTICAL

Modulation Type	Channel Separation	Test Frequency (MHz)	Polar.	Maximum Radiated Emissions		FCC Limit (dBuV/m)
				Frequency (MHz)	Datum (dBuV/m)	
FM	12.5 KHz	806.5000	H	9675.35	43.50	54.00
			V	9927.86	44.70	54.00
Test Results			Compliance			

SWEEP TABLE: "test (1G-18G) P"

Short Description:		EN 55022 Field Strength			
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
1.0 GHz	18.0 GHz	MaxPeak Average	Coupled	1 MHz	HF906 2011



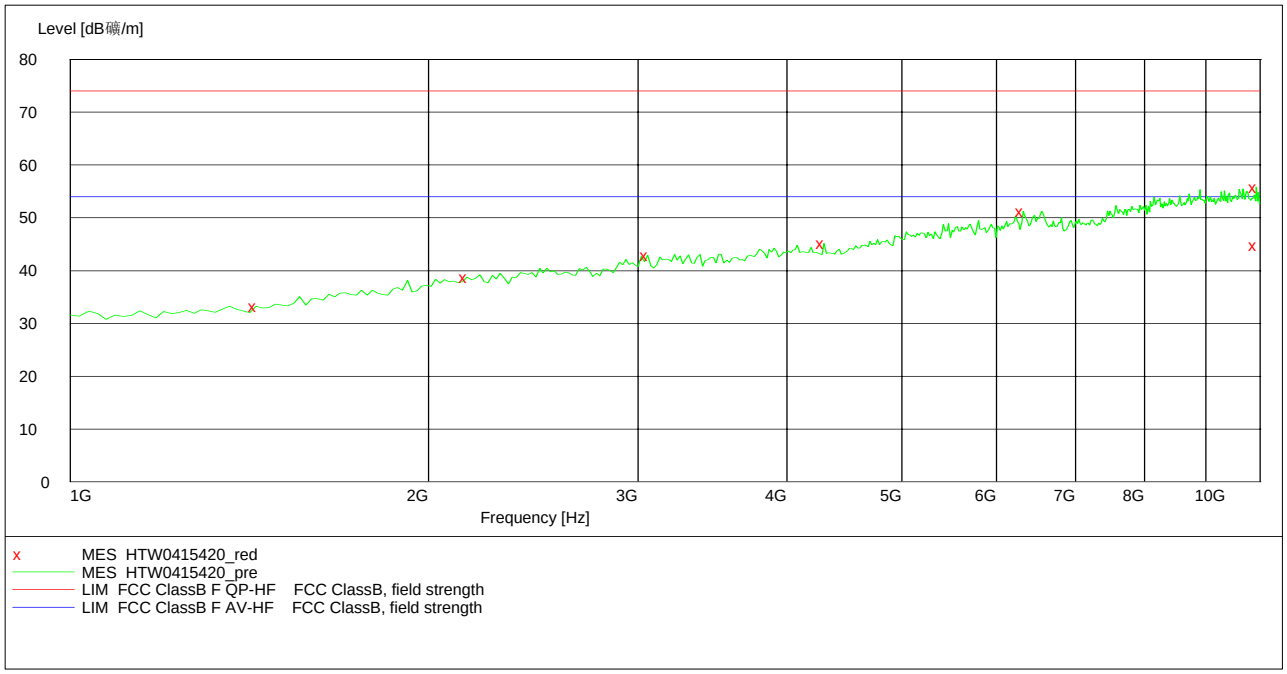
MEASUREMENT RESULT: "HTW0415415_red"

4/16/2012 8:47AM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1324.649299	33.80	-24.6	54.0	20.2	Peak	100.0	214.00	HORIZONTAL
2064.128257	38.70	-19.2	54.0	15.3	Peak	100.0	323.00	HORIZONTAL
3020.040080	43.40	-15.3	54.0	10.6	Peak	100.0	266.00	HORIZONTAL
4390.781563	45.60	-13.1	54.0	8.4	Peak	100.0	312.00	HORIZONTAL
6320.641283	51.20	-8.4	54.0	22.8	Peak	100.0	66.00	HORIZONTAL
9675.350701	55.90	-1.8	74.0	18.1	Peak	100.0	199.00	HORIZONTAL
9675.350701	43.50	-1.8	54.0	10.5	Peak	100.0	199.00	HORIZONTAL

SWEEP TABLE: "test (1G-18G) P"

Short Description:		EN 55022 Field Strength			
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
1.0 GHz	18.0 GHz	MaxPeak Average	Coupled	1 MHz	HF906 2011



MEASUREMENT RESULT: "HTW0415420_red"

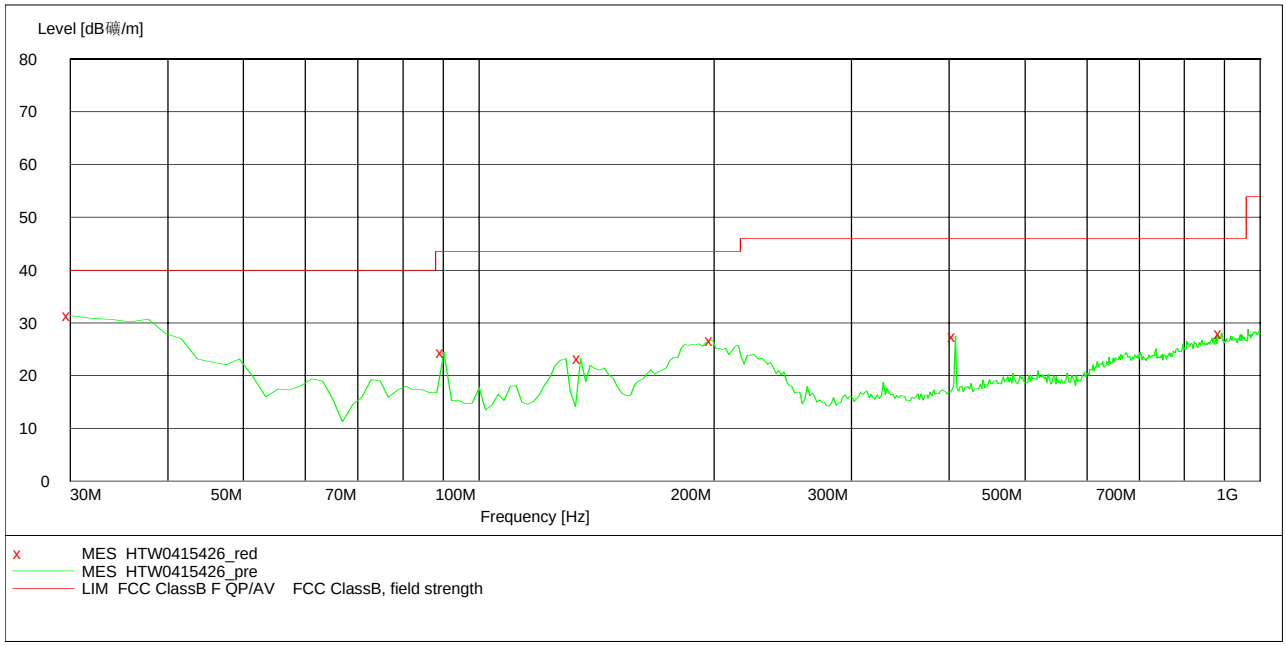
4/16/2012 8:55AM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1432.865731	33.30	-24.0	54.0	20.7	Peak	100.0	221.00	VERTICAL
2154.308617	38.80	-18.7	54.0	15.2	Peak	100.0	280.00	VERTICAL
3056.112224	42.90	-15.2	54.0	11.1	Peak	100.0	231.00	VERTICAL
4300.601202	45.20	-13.0	54.0	8.8	Peak	100.0	267.00	VERTICAL
6320.641283	51.20	-8.4	54.0	2.8	Peak	100.0	153.00	VERTICAL
9927.855711	55.80	-2.2	74.0	18.2	Peak	100.0	194.00	VERTICAL
9927.855711	44.70	-2.2	54.0	9.3	AV	100.0	194.00	VERTICAL

Modulation Type	Channel Separation	Test Frequency (MHz)	Polar.	Maximum Radiated Emissions		FCC Limit (dBuV/m)
				Frequency (MHz)	Datum (dBuV/m)	
4FSK	12.5 KHz	806.5000	H	30.00	31.40	40.00
			V	30.00	30.50	40.00
Test Results			Compliance			

SWEEP TABLE: "test (30M-1G)"

```
Short Description:           Field Strength
Start      Stop       Detector  Meas.     IF        Transducer
Frequency  Frequency            Time      Bandw.
30.0 MHz   1.0 GHz    MaxPeak   Coupled   120 kHz   HL562 201106
```



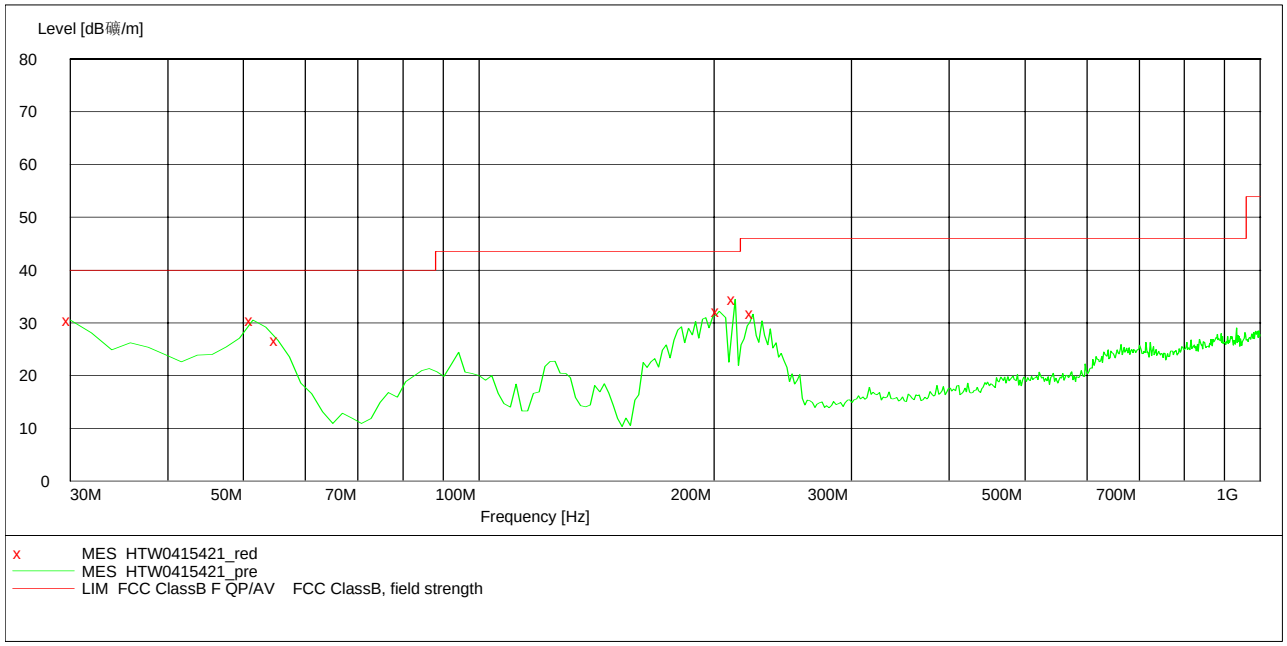
MEASUREMENT RESULT: "HTW0415426_red"

```
4/16/2012  8:58AM
   Frequency     Level  Transd   Limit  Margin  Det.  Height  Azimuth Polarization
         MHz    dBµV/m      dB  dBµV/m      dB              cm      deg

   30.000000     31.40   -11.3    40.0     8.6  Peak    300.0    34.00  HORIZONTAL
   90.260521     24.40   -20.2    43.5    19.1  Peak    300.0    34.00  HORIZONTAL
  134.969940     23.20   -21.0    43.5    20.3  Peak    300.0   122.00  HORIZONTAL
  199.118236     26.60   -21.4    43.5    16.9  Peak    300.0    89.00  HORIZONTAL
  407.114228     27.50   -15.1    46.0    18.5  Peak    300.0   277.00  HORIZONTAL
  893.086172     28.10    -6.8    46.0    17.9  Peak    300.0   149.00  HORIZONTAL
```

SWEEP TABLE: "test (30M-1G)"

Short Description:			Field Strength		
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1.0 GHz	MaxPeak	Coupled	120 kHz	HL562 201106



MEASUREMENT RESULT: "HTW0415421_red"

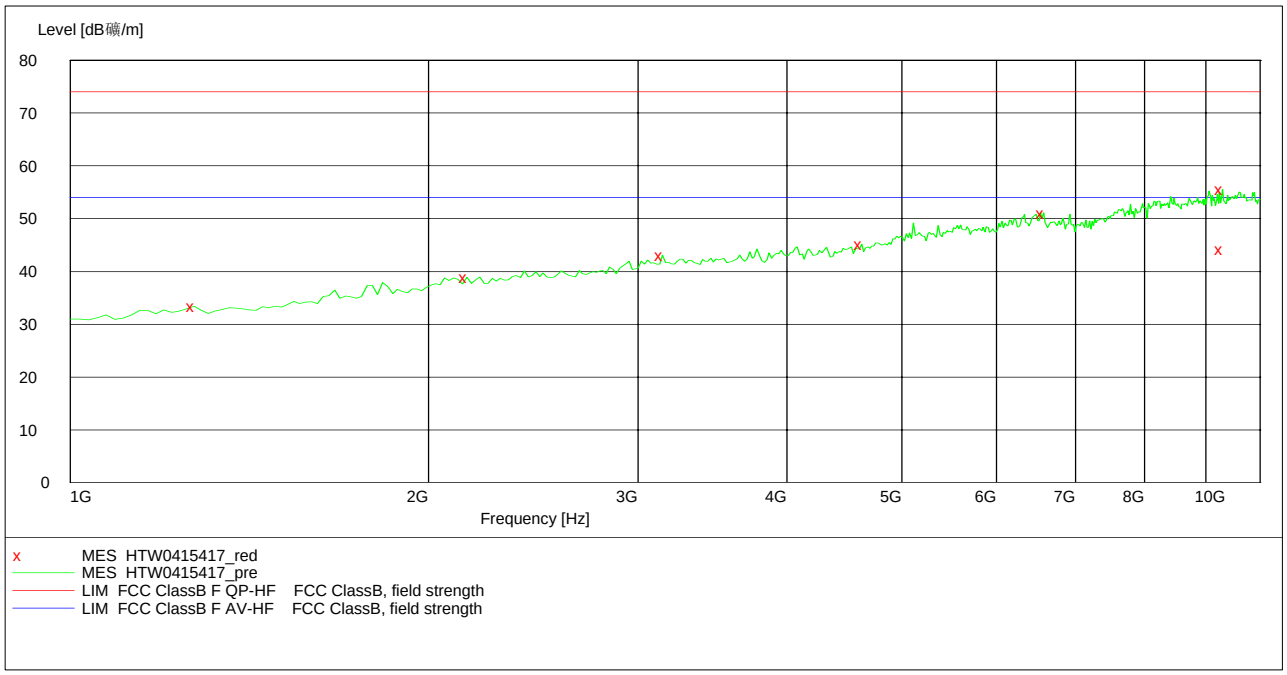
4/15/2012 8:12PM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	30.50	-11.3	40.0	9.5	Peak	100.0	140.00	VERTICAL
51.382766	30.50	-22.8	40.0	9.5	Peak	100.0	335.00	VERTICAL
55.270541	26.70	-23.9	40.0	13.3	Peak	100.0	349.00	VERTICAL
203.006012	32.20	-21.3	43.5	11.3	Peak	100.0	329.00	VERTICAL
212.725451	34.50	-20.8	43.5	9.0	Peak	100.0	155.00	VERTICAL
224.388778	31.70	-20.2	46.0	14.3	Peak	100.0	167.00	VERTICAL

Modulation Type	Channel Separation	Test Frequency (MHz)	Polar.	Maximum Radiated Emissions		FCC Limit (dBuV/m)
				Frequency (MHz)	Datum (dBuV/m)	
4FSK	12.5 KHz	806.5000	H	9296.59	44.20	54.00
			V	9422.85	44.60	54.00
Test Results			Compliance			

SWEEP TABLE: "test (1G-18G) P"

```
Short Description:           EN 55022 Field Strength
Start      Stop       Detector  Meas.     IF         Transducer
Frequency  Frequency             Time      Bandw.
1.0 GHz    18.0 GHz   MaxPeak   Coupled   1 MHz      HF906 2011
                      Average
```



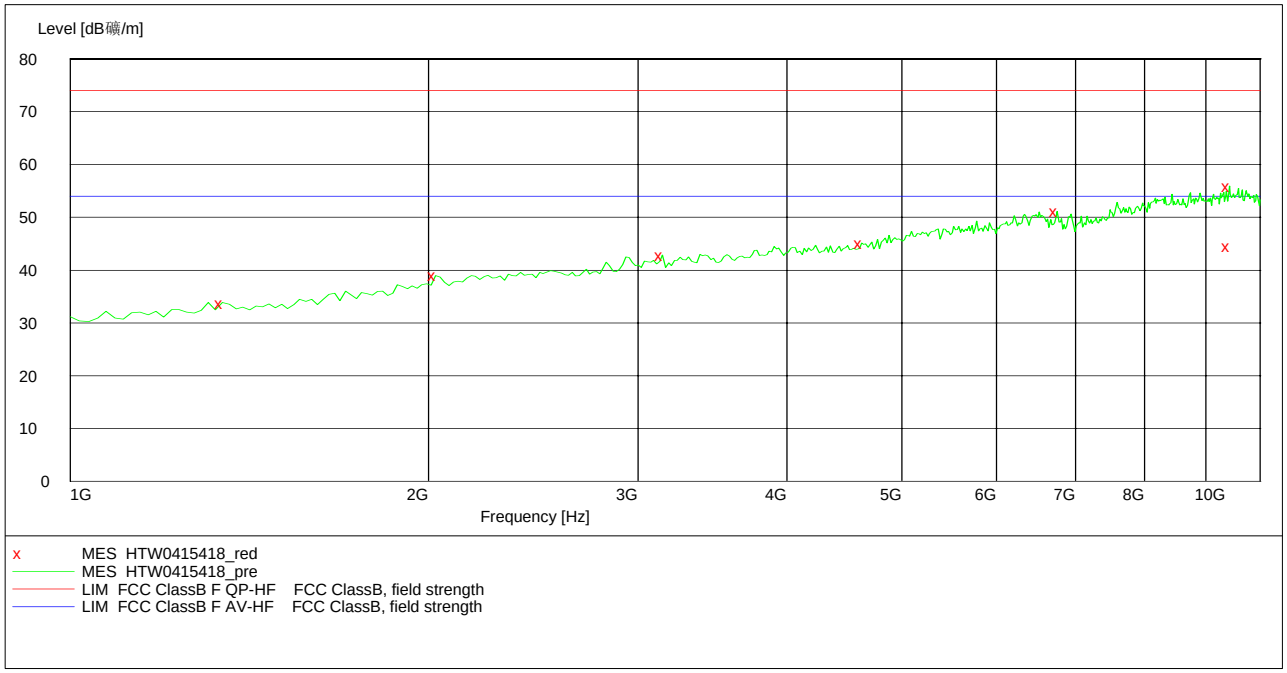
MEASUREMENT RESULT: "HTW0415417_red"

4/16/2012 8:50AM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1270.541082	33.40	-24.9	54.0	20.6	Peak	100.0	186.00	HORIZONTAL
2154.308617	38.90	-18.7	54.0	15.1	Peak	100.0	216.00	HORIZONTAL
3146.292585	43.10	-15.0	54.0	10.9	Peak	100.0	29.00	HORIZONTAL
4625.250501	45.20	-12.6	54.0	8.8	Peak	100.0	304.00	HORIZONTAL
6573.146293	51.10	-8.0	54.0	2.9	Peak	100.0	72.00	HORIZONTAL
9296.593186	55.50	-2.0	74.0	18.5	Peak	100.0	252.00	HORIZONTAL
9296.593186	44.20	-2.0	54.0	9.8	AV	100.0	252.00	HORIZONTAL

SWEEP TABLE: "test (1G-18G) P"

Short Description:		EN 55022 Field Strength			
Start Frequency	Stop Frequency	Detector	Meas. Time	IF Bandw.	Transducer
1.0 GHz	18.0 GHz	MaxPeak Average	Coupled	1 MHz	HF906 2011



MEASUREMENT RESULT: "HTW0415418_red"

4/16/2012 8:51AM

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1342.685371	33.80	-24.5	54.0	20.2	Peak	100.0	0.00	VERTICAL
2028.056112	39.00	-19.4	54.0	15.0	Peak	100.0	148.00	VERTICAL
3146.292585	42.80	-15.0	54.0	11.2	Peak	100.0	80.00	VERTICAL
4625.250501	45.10	-12.6	54.0	8.9	Peak	100.0	80.00	VERTICAL
6753.507014	51.10	-8.5	54.0	2.9	Peak	100.0	172.00	VERTICAL
9422.845691	55.90	-1.7	74.0	18.1	Peak	100.0	326.00	VERTICAL
9422.845691	44.60	-1.7	54.0	9.5	AV	100.0	326.00	VERTICAL

4.9. Receiver Conducted Spurious Emssion

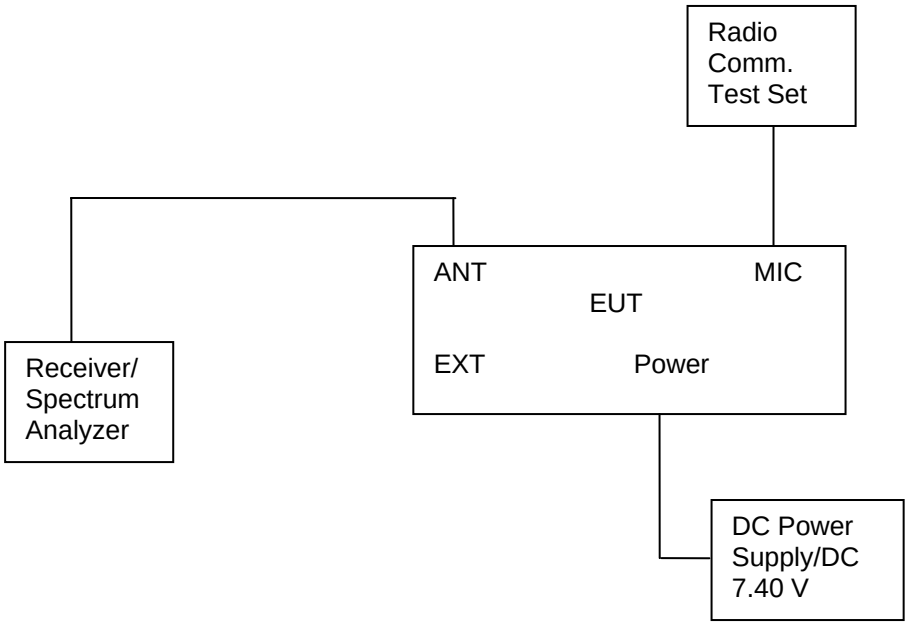
TEST APPLICABLE

The same as Section 4.3

TEST PROCEDURE

The spectrum analyzer was connected to the RF output power of the EUT, the EUT was setup in receiving mode; The RBW of the spectrum analyzer was set to 100 kHz and the VBW set to 300 KHz below the test frequency 1GHz. While the RBW of the spectrum analyzer was set to the 1MHz and VBW set to the 3MHz from 1GHz to the 10^{th} harmonic.

TEST CONFIGURATION



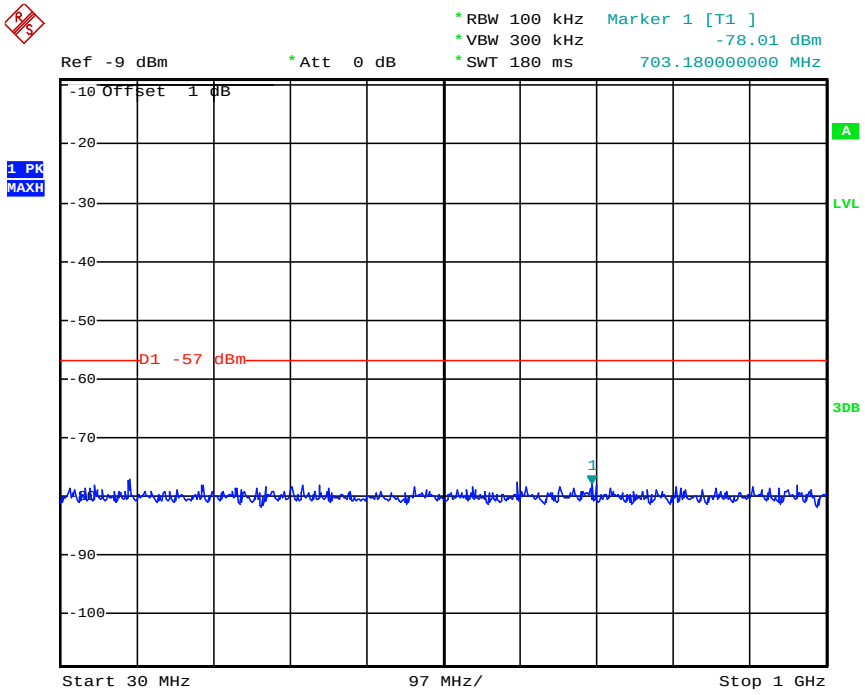
LIMIT

The power at the antenna terminal shall not exceed 2.0 nanowatts (-57dBm).

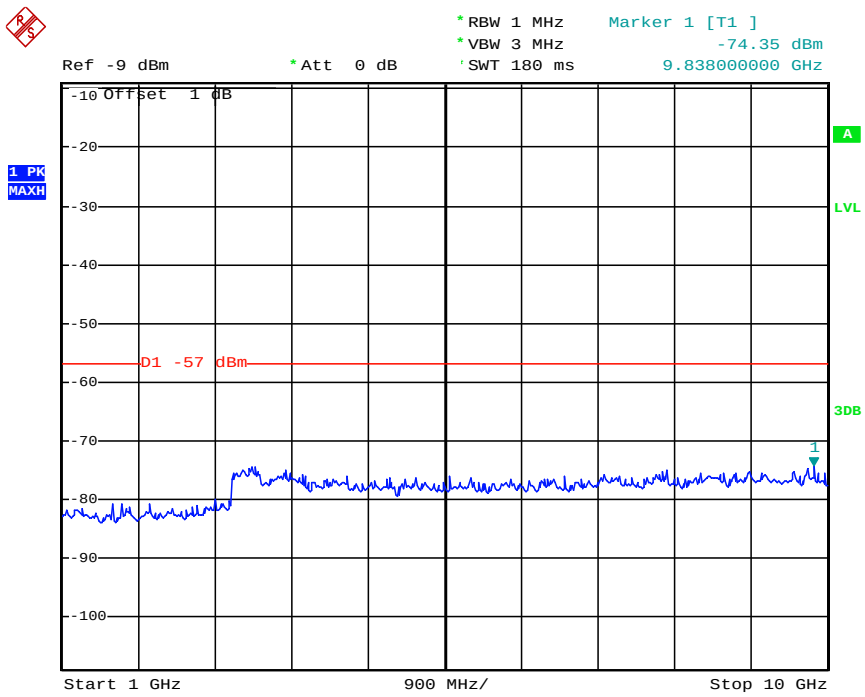
TEST RESULTS

The Receiver Conducted Spurious Emssions Measurement is performed to the thre channels (the top channel, the middle channel and the bottom channel), the datums recorded below were for the three channels; and the EUT shall be scanned from 30 MHz to the 10 GHz.

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FM	25KHz	Low	851.5000	703.18	-78.01	9838.00	-74.35	-57dBm
Test Results				Compliance				

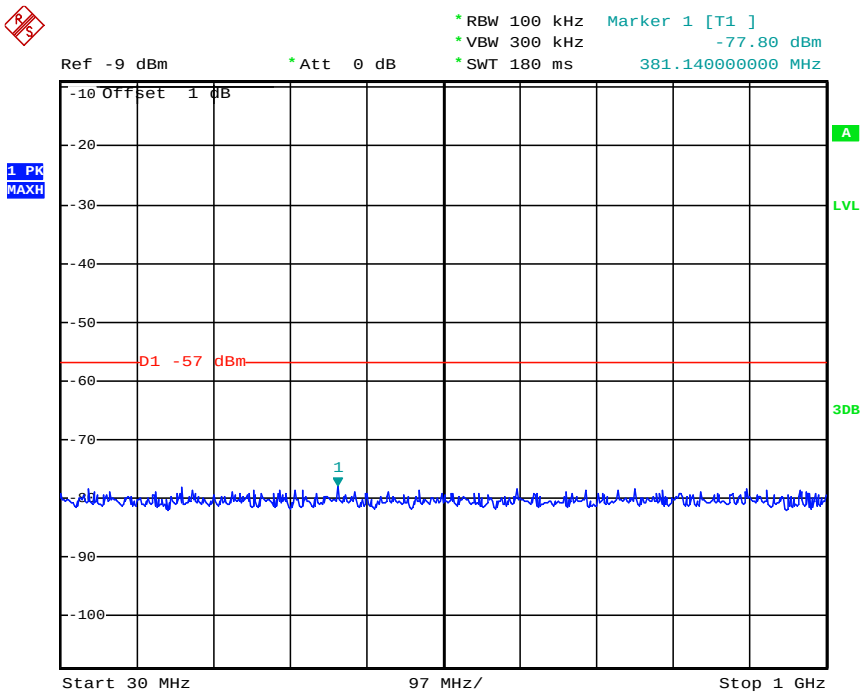


Date: 12.APR.2012 04:09:16

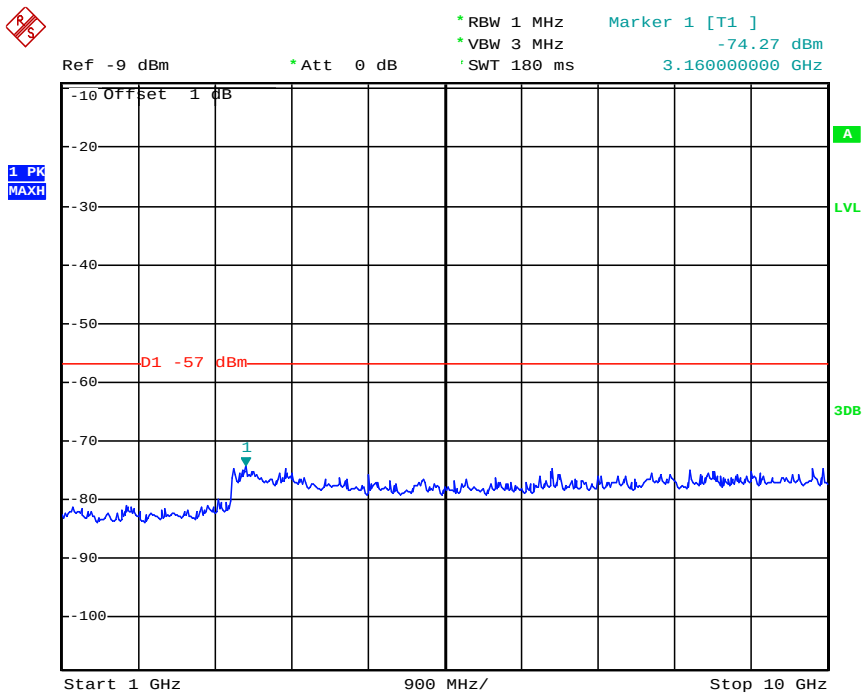


Date: 12.APR.2012 04:07:54

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FM	25KHz	Middle	860.0000	381.14	-77.80	3160.00	-74.27	-57dBm
Test Results				Compliance				

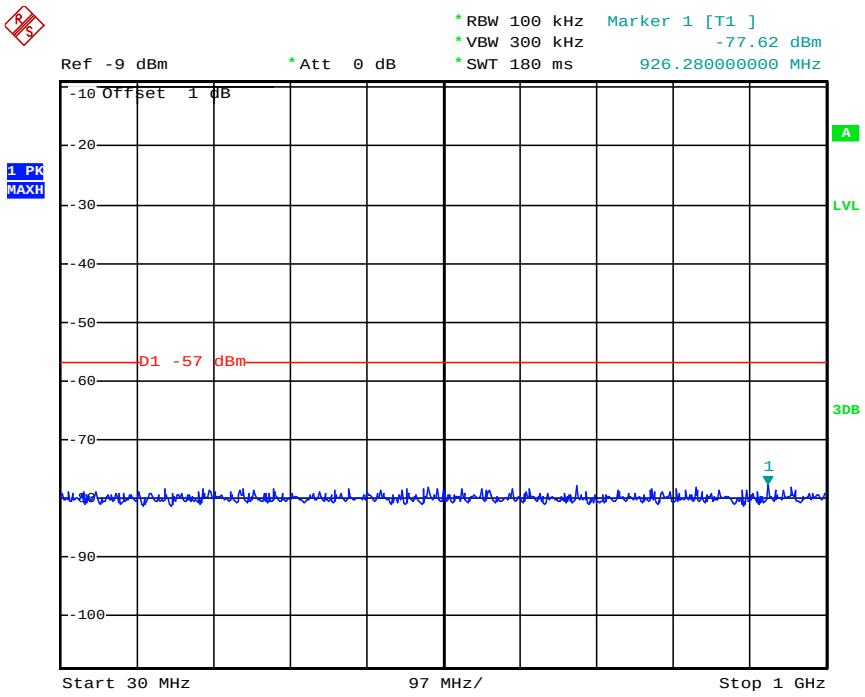


Date: 12.APR.2012 04:09:04

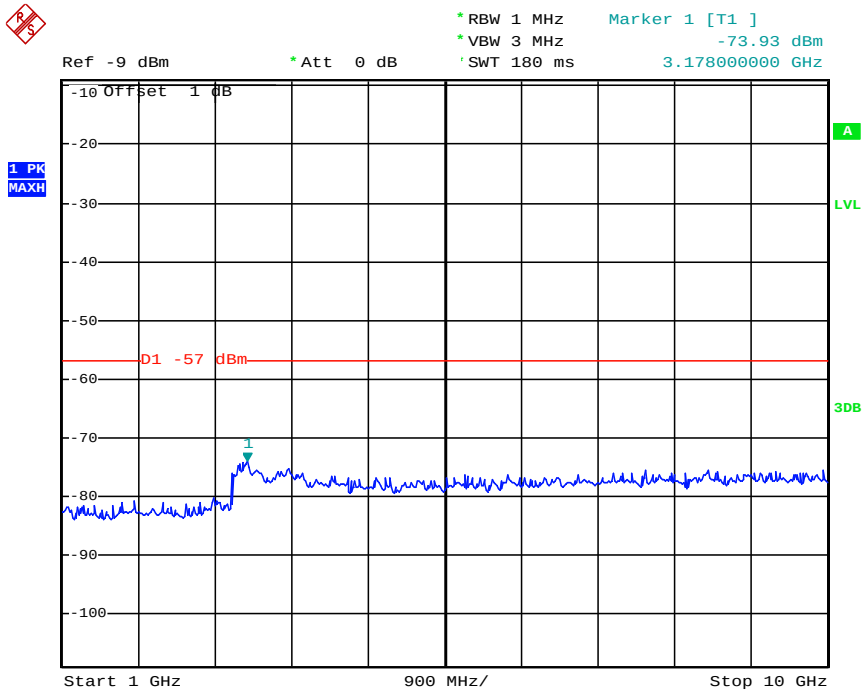


Date: 12.APR.2012 04:08:09

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FM	25KHz	High	868.5000	926.28	-77.62	3178.00	-73.93	-57dBm
Test Results				Compliance				

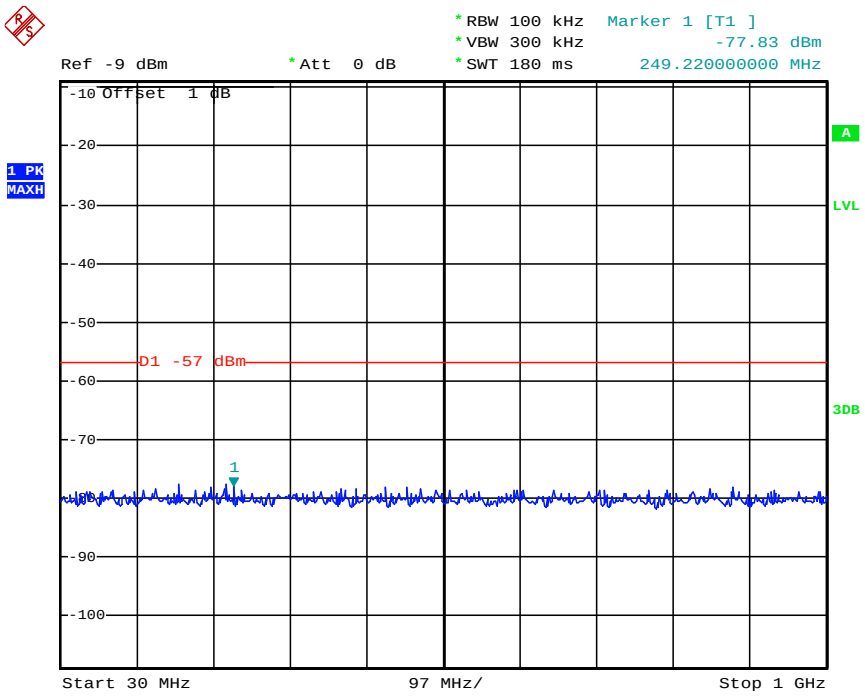


Date: 12.APR.2012 04:08:48

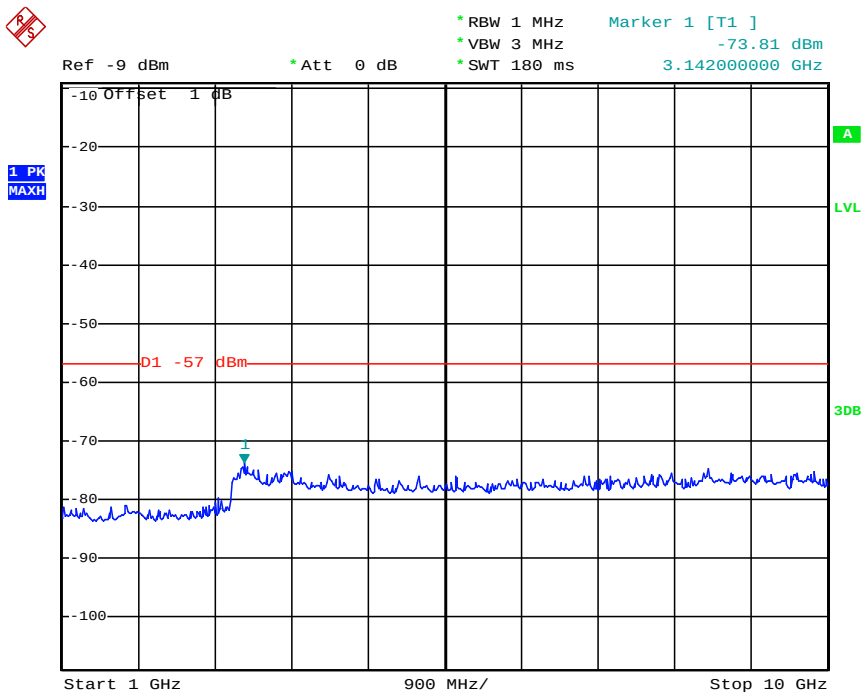


Date: 12.APR.2012 04:08:19

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FM	12.5KHz	Low	851.5000	249.22	-77.82	3142.00	-73.81	-57dBm
Test Results				Compliance				

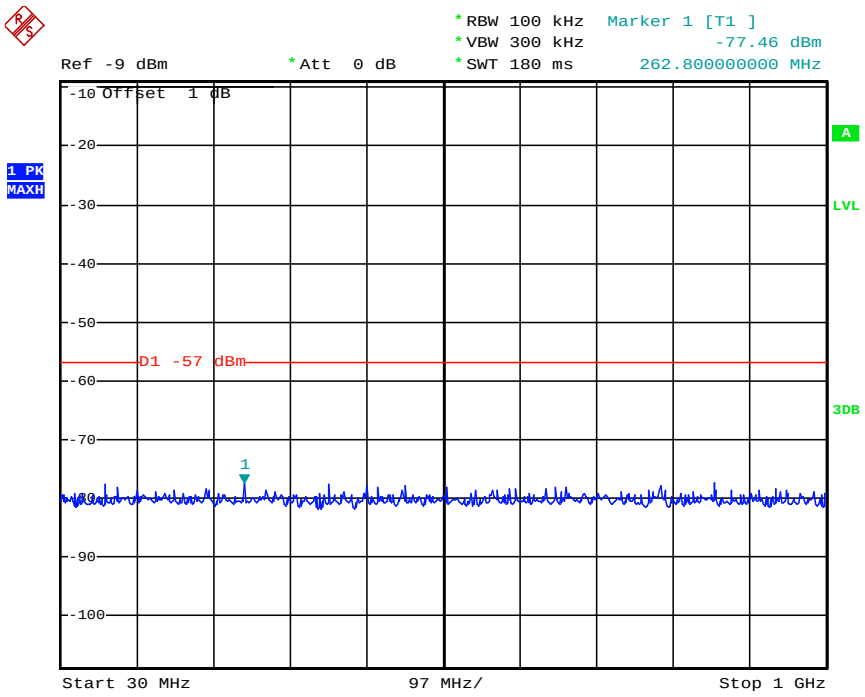


Date: 12.APR.2012 04:11:08

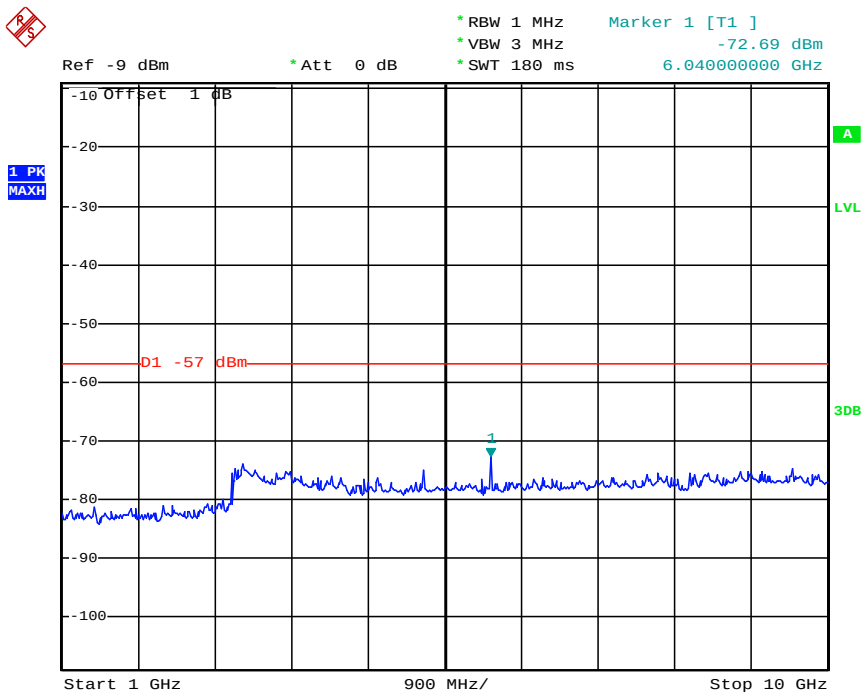


Date: 12.APR.2012 04:14:53

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FM	12.5KHz	Middle	860.0000	262.80	-77.46	6040.00	-72.69	-57dBm
Test Results				Compliance				

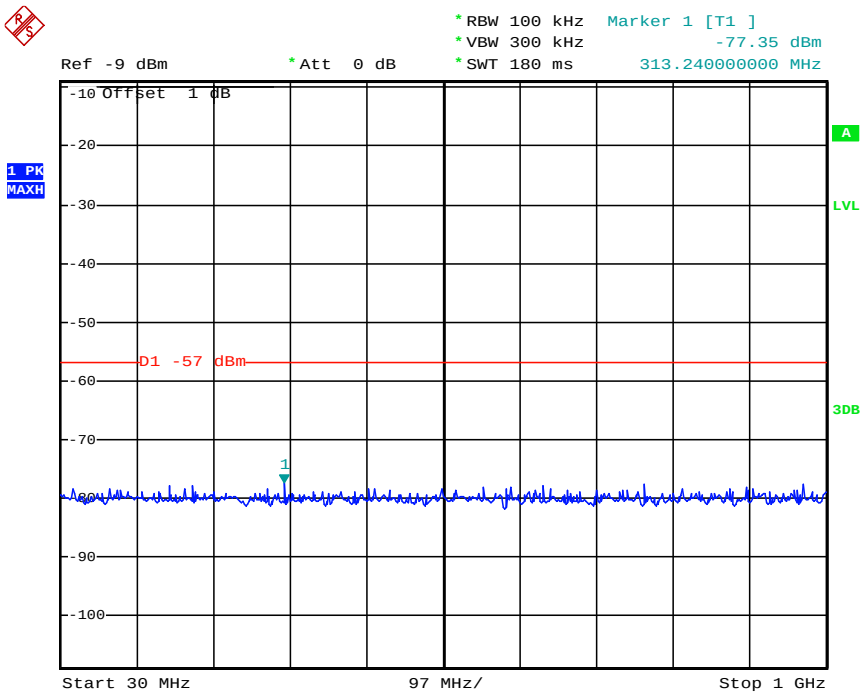


Date: 12.APR.2012 04:11:20

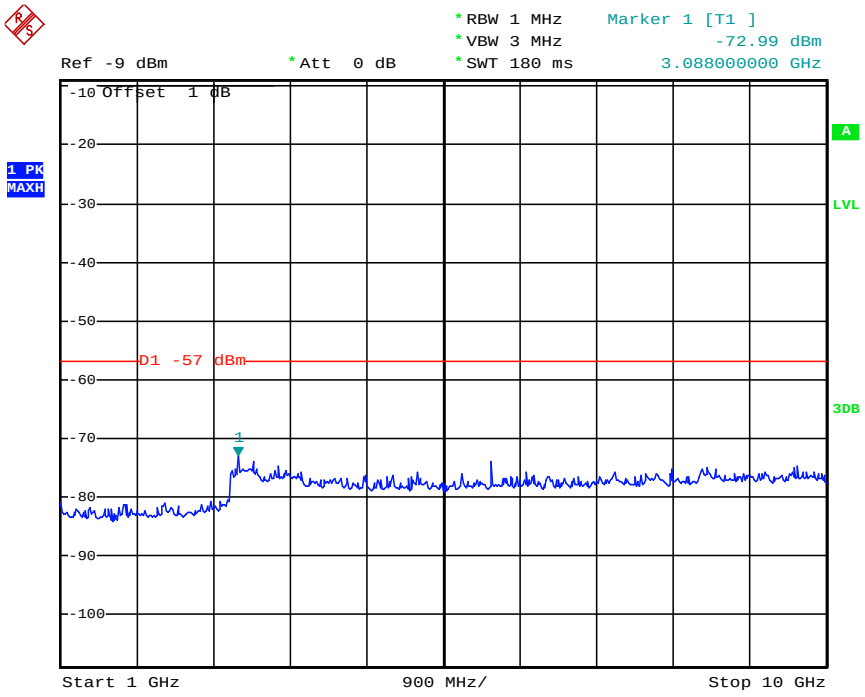


Date: 12.APR.2012 04:14:37

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FM	12.5KHz	High	868.5000	313.24	-77.35	3088.00	-72.99	-57dBm
Test Results				Compliance				

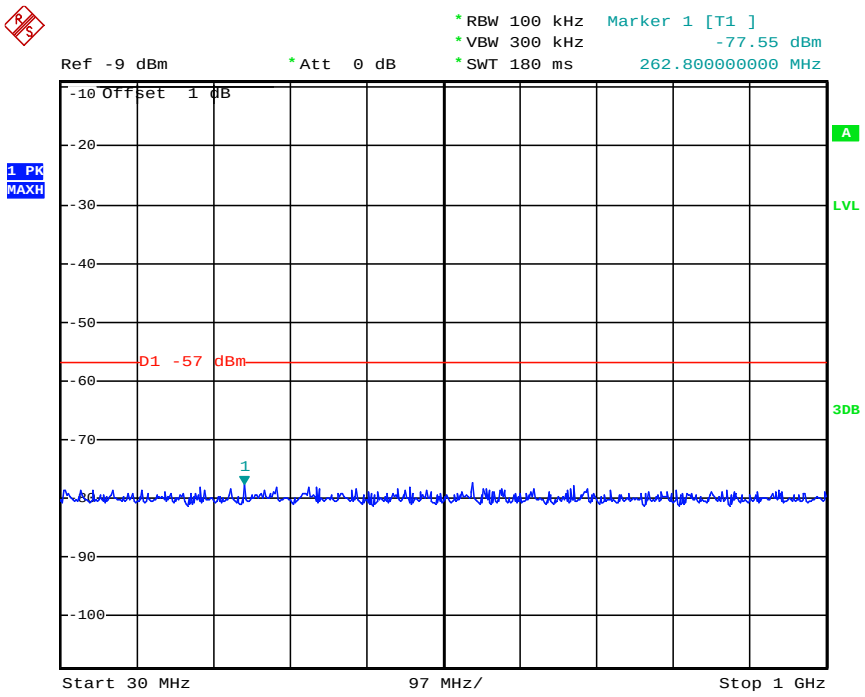


Date: 12.APR.2012 04:11:33

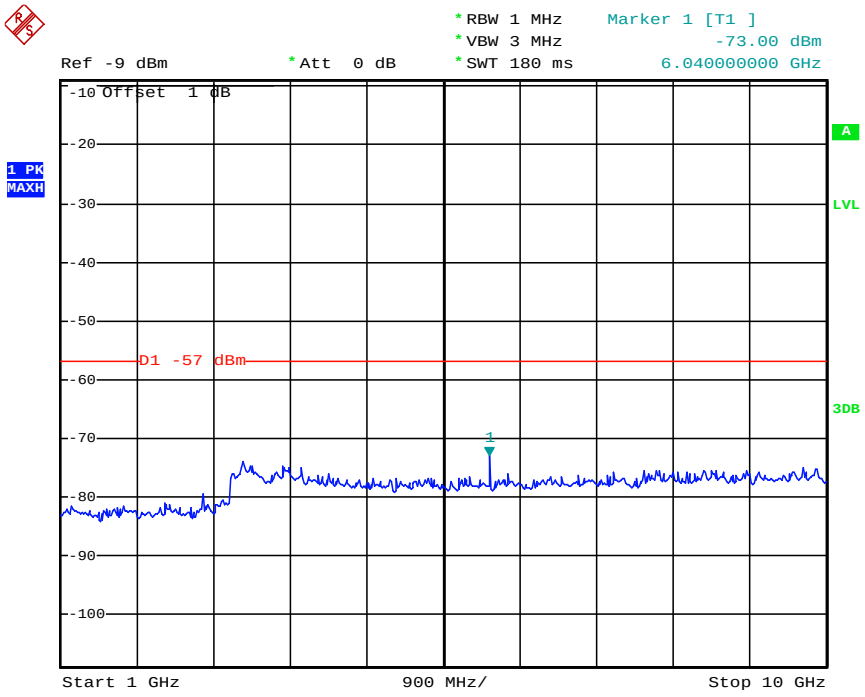


Date: 12.APR.2012 04:14:14

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FM	12.5KHz	Low	935.5000	262.80	-77.55	6040.00	-73.00	-57dBm
Test Results				Compliance				

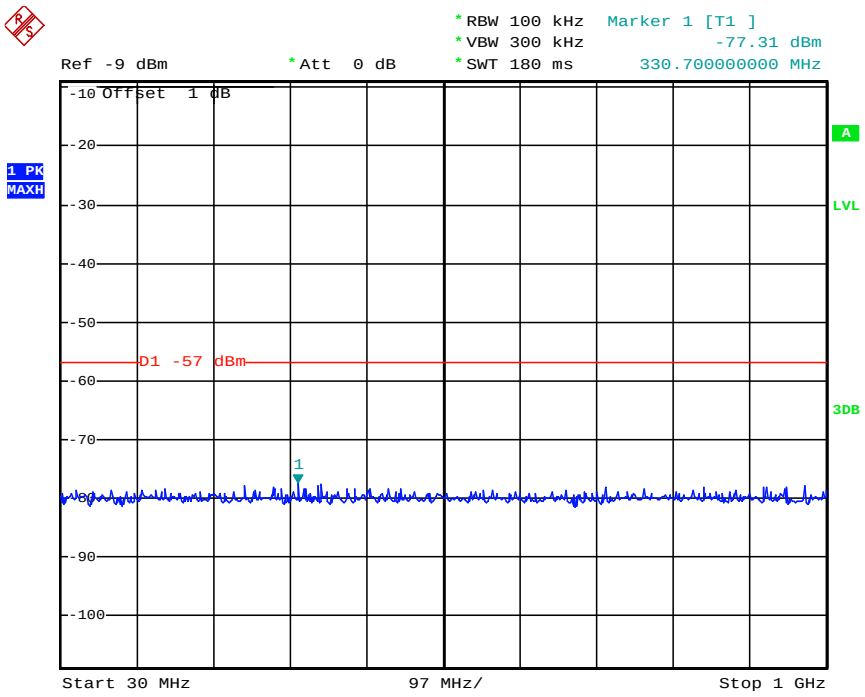


Date: 12.APR.2012 04:13:10

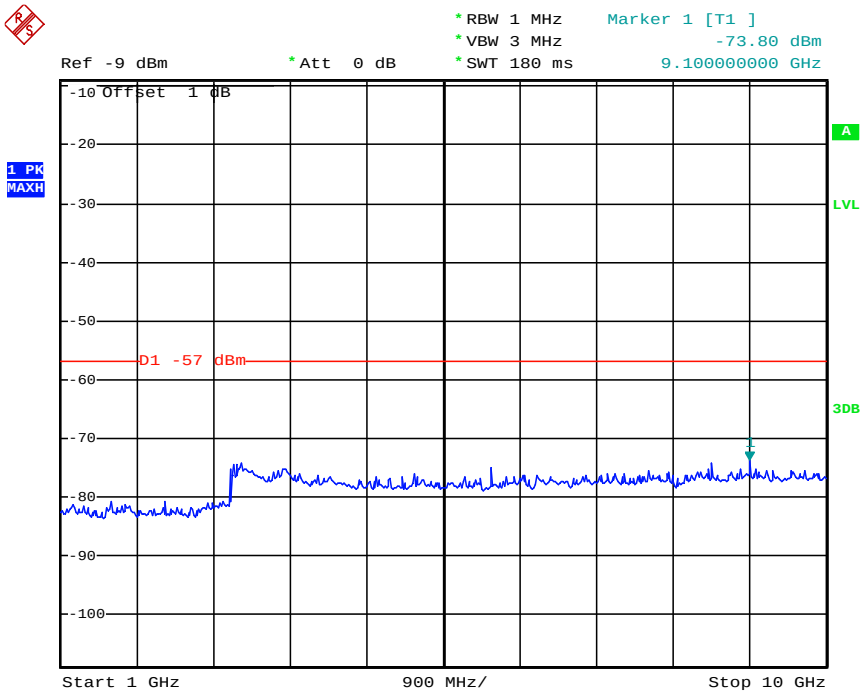


Date: 12.APR.2012 04:14:05

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FM	12.5KHz	High	939.5000	330.70	-77.31	9100.00	-73.80	-57dBm
Test Results				Compliance				

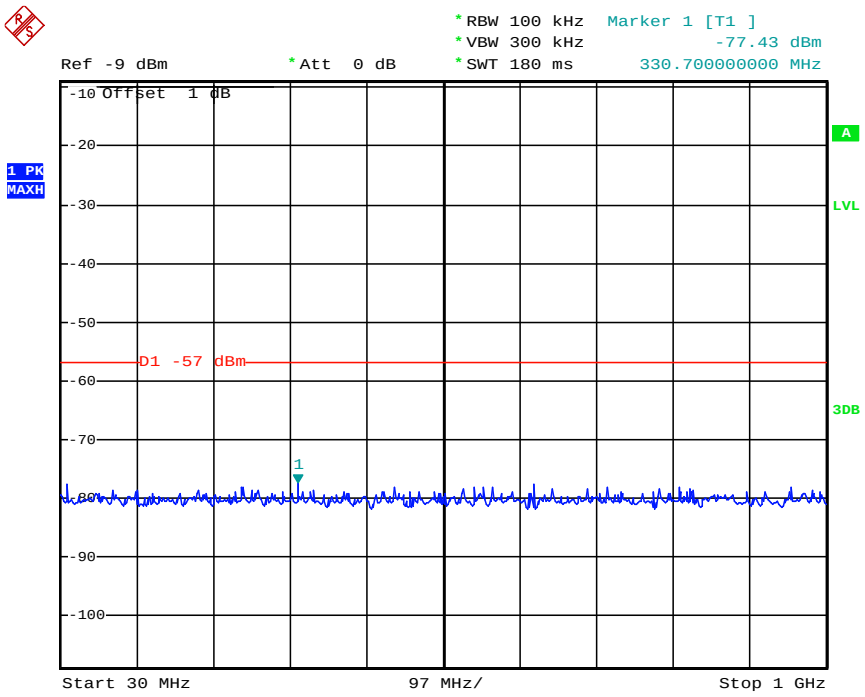


Date: 12.APR.2012 04:13:22

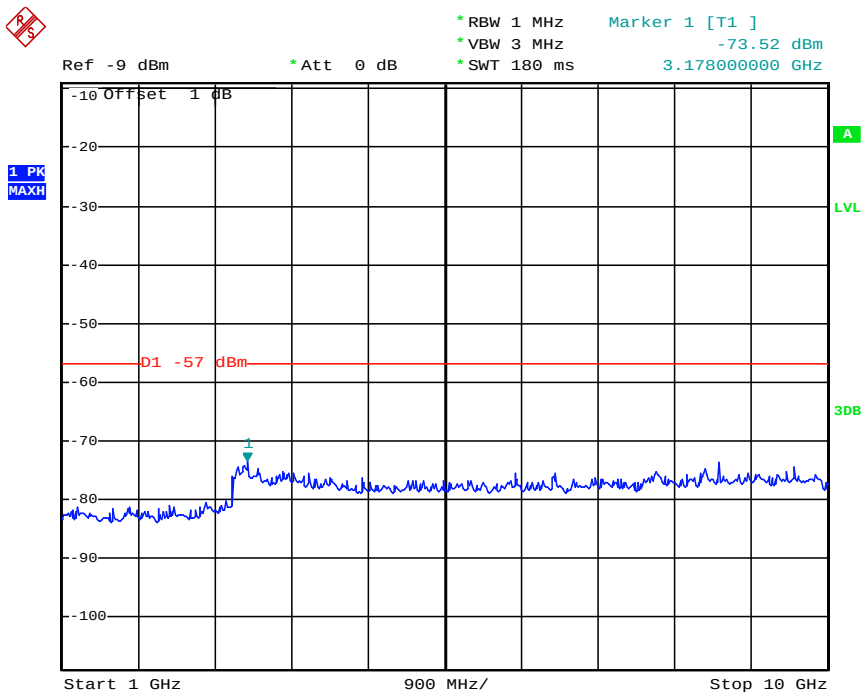


Date: 12.APR.2012 04:13:51

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FSK	12.5KHz	Low	851.5000	330.70	-77.43	3178.00	-73.52	-57dBm
Test Results				Compliance				

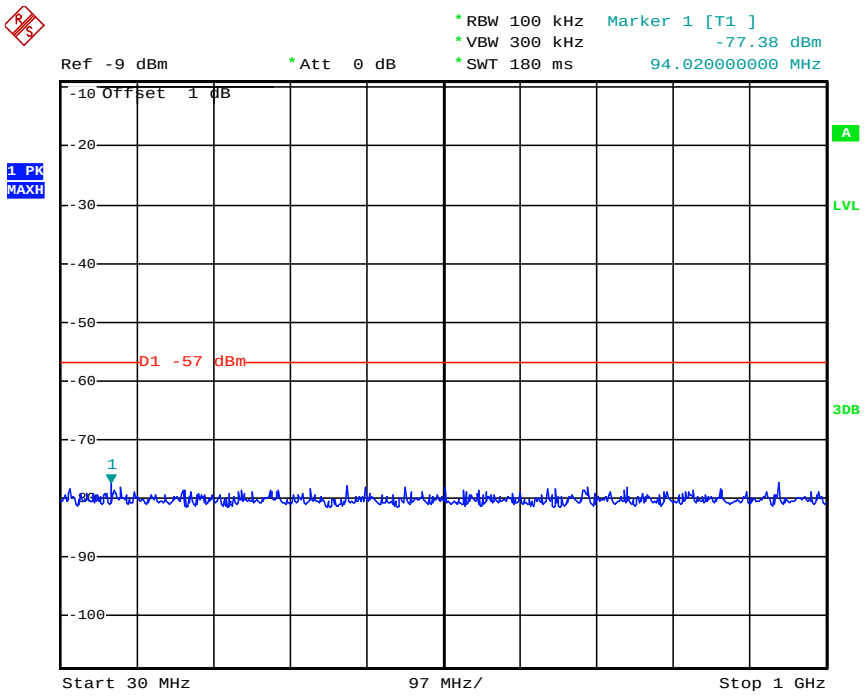


Date: 12.APR.2012 04:20:42

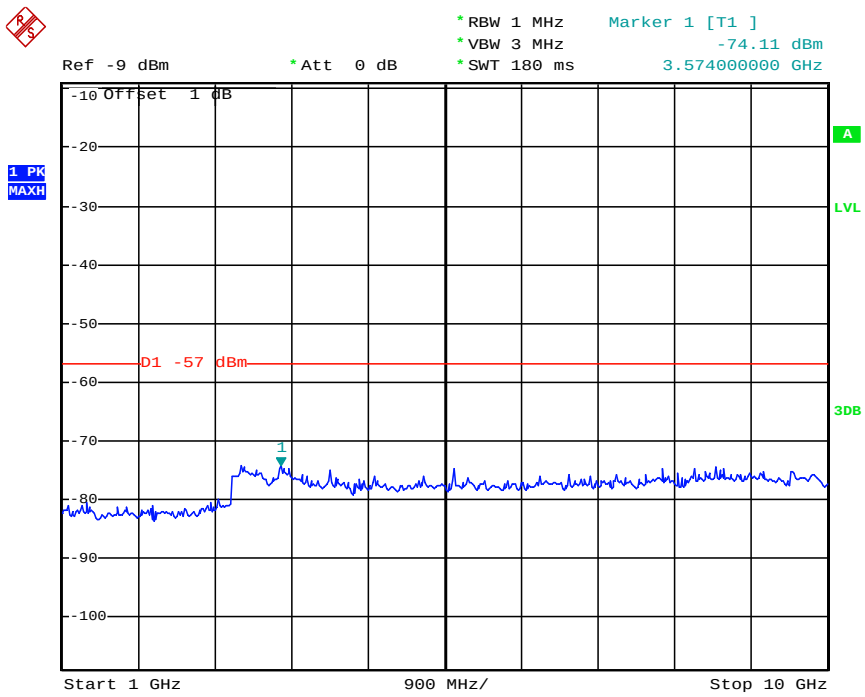


Date: 12.APR.2012 04:17:38

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FSK	12.5KHz	Middle	860.0000	94.02	-77.38	3574.00	-74.11	-57dBm
Test Results				Compliance				

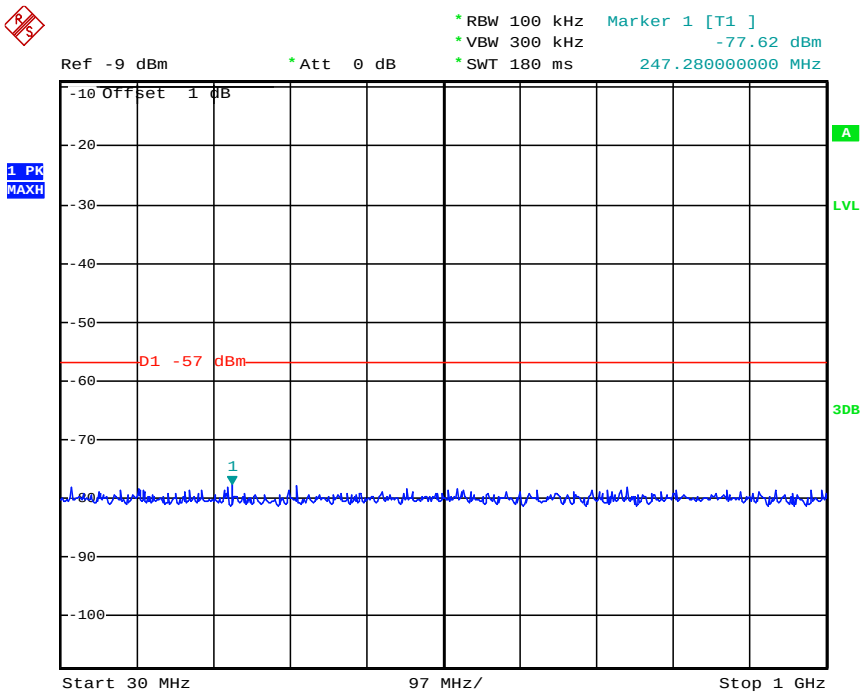


Date: 12.APR.2012 04:20:32

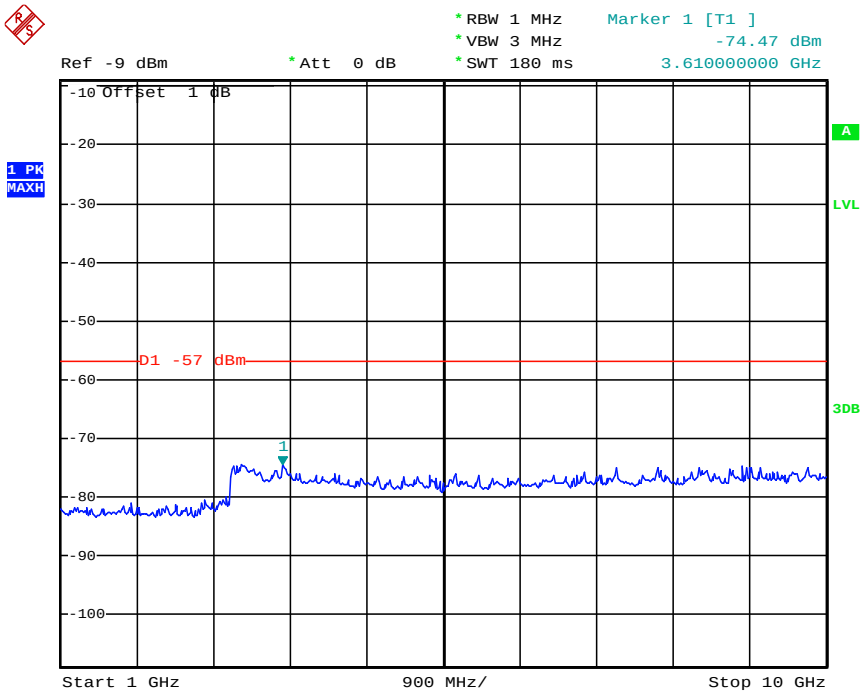


Date: 12.APR.2012 04:17:50

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FSK	12.5KHz	High	868.5000	247.28	-77.62	3610.00	-74.47	-57dBm
Test Results				Compliance				

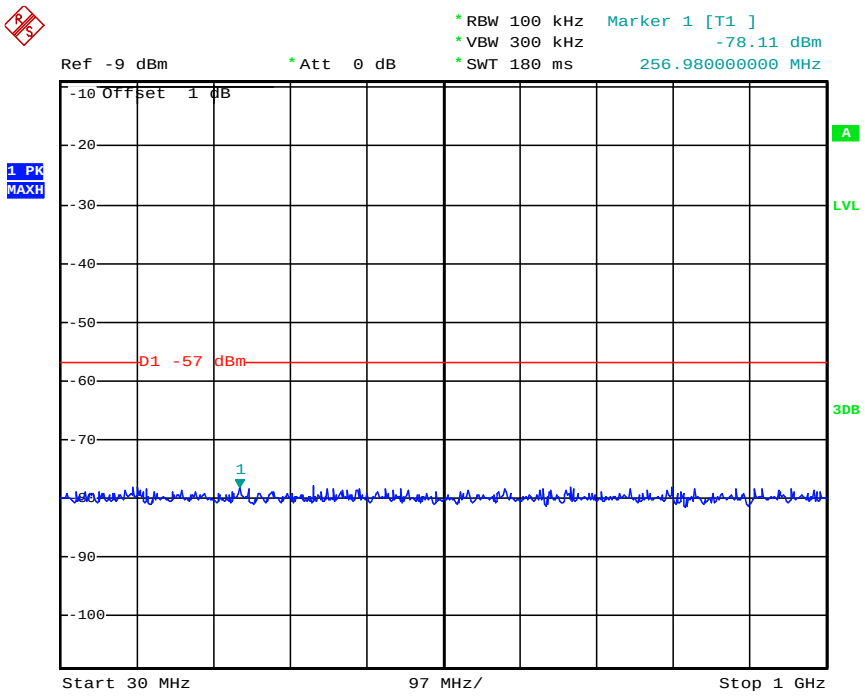


Date: 12.APR.2012 04:20:24

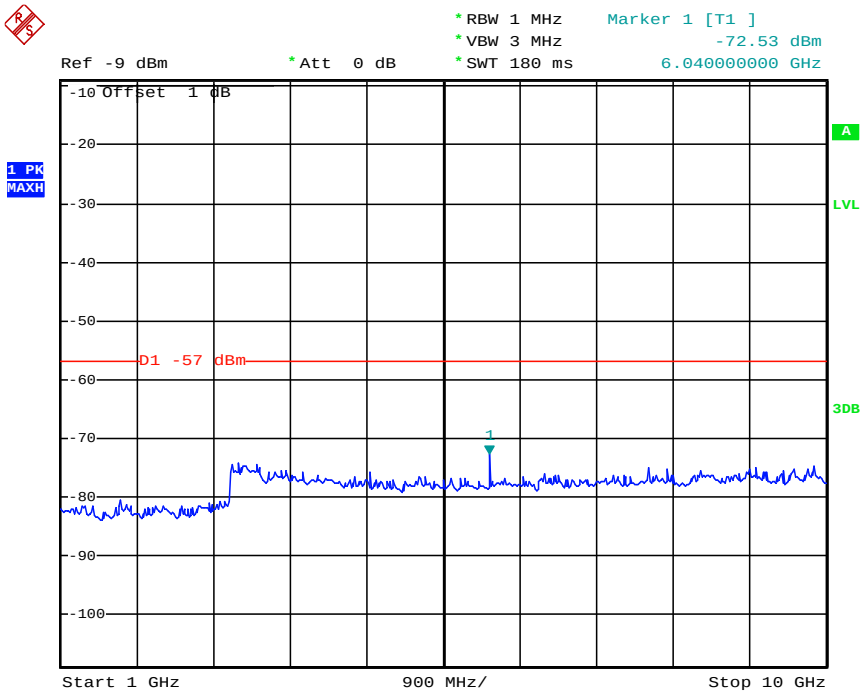


Date: 12.APR.2012 04:18:01

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FSK	12.5KHz	Low	935.5000	256.98	-78.11	6040.00	-72.53	-57dBm
Test Results				Compliance				

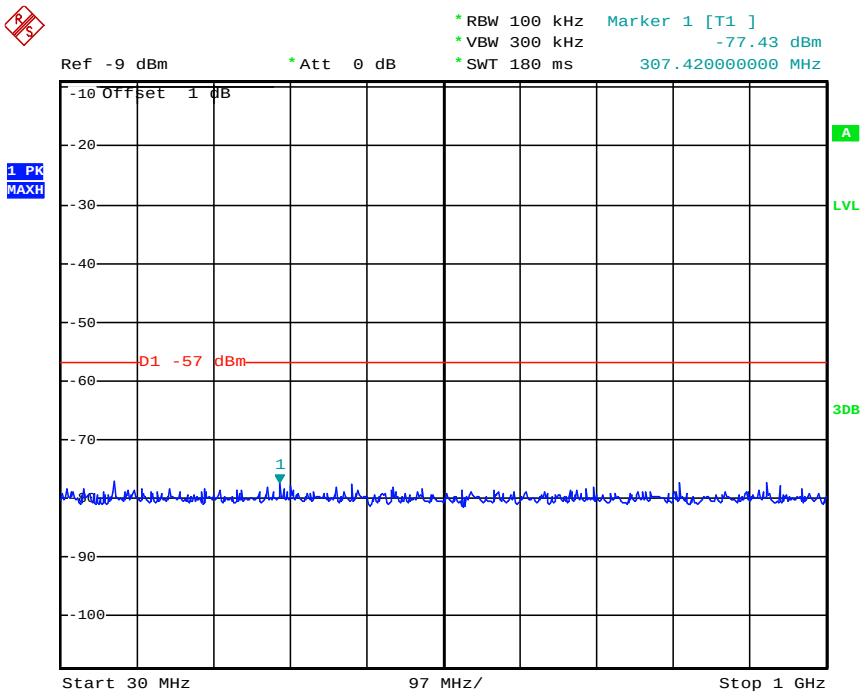


Date: 12.APR.2012 04:19:46

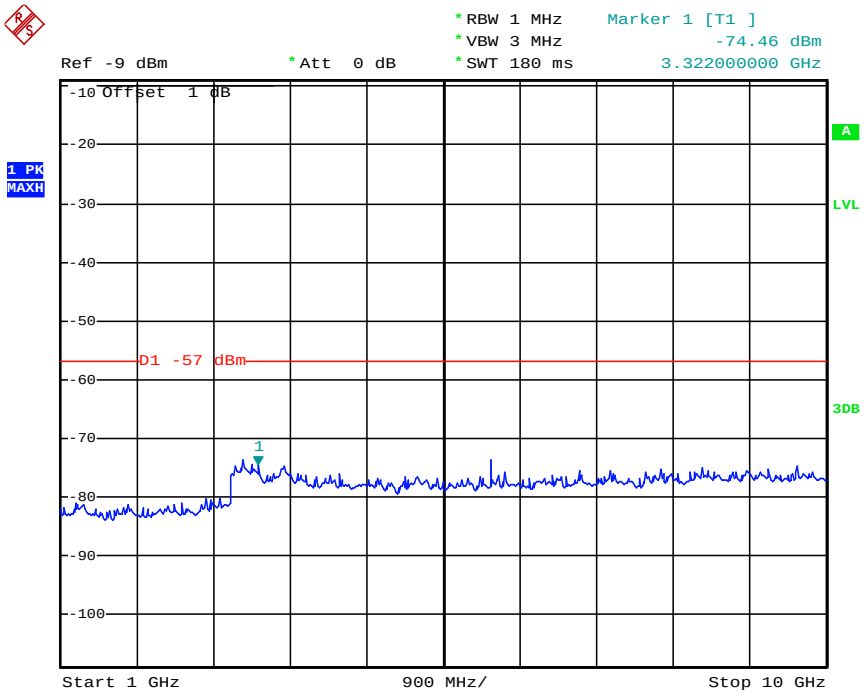


Date: 12.APR.2012 04:18:40

Modulation Type	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
FSK	12.5KHz	High	939.5000	307.42	-77.43	3322.00	-74.46	-57dBm
Test Results				Compliance				

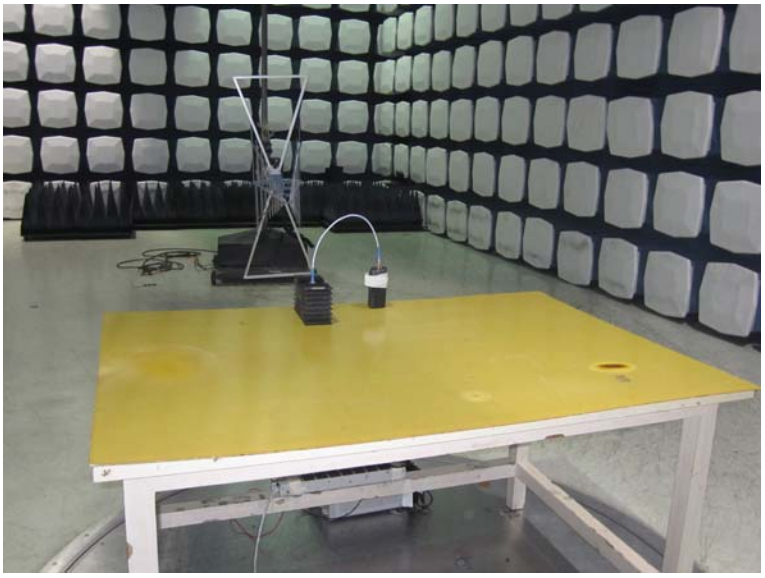


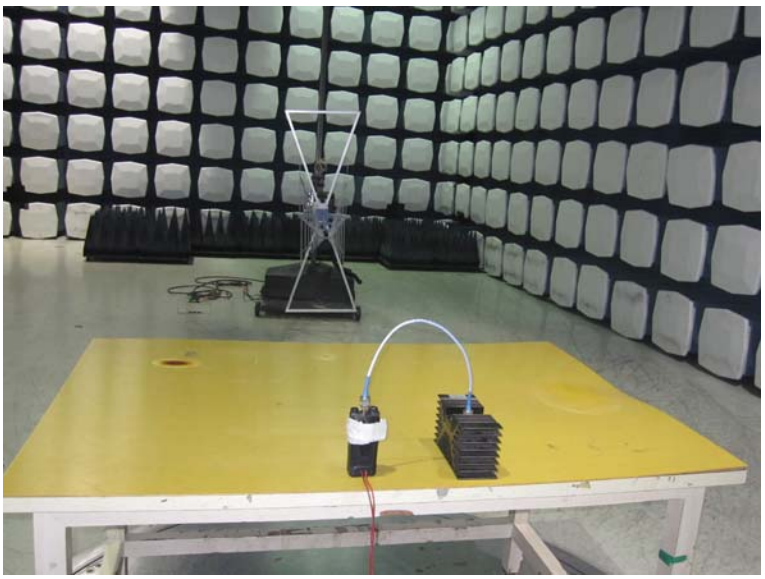
Date: 12.APR.2012 04:19:30

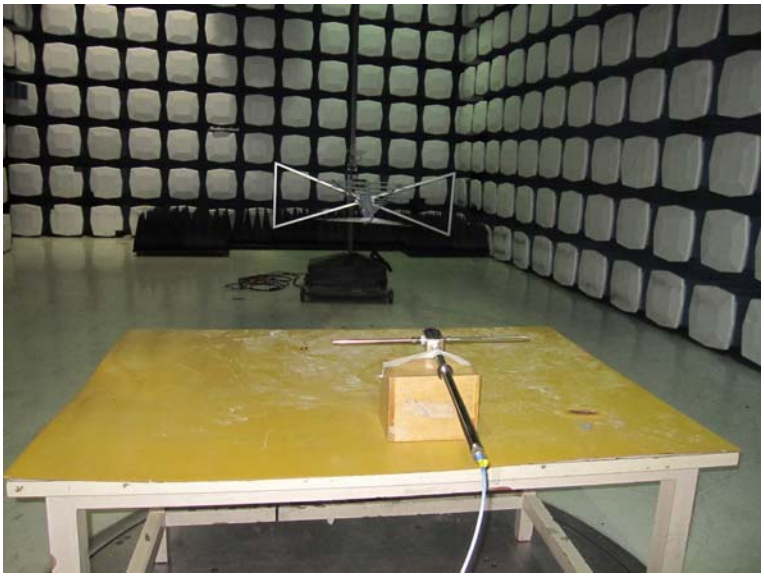


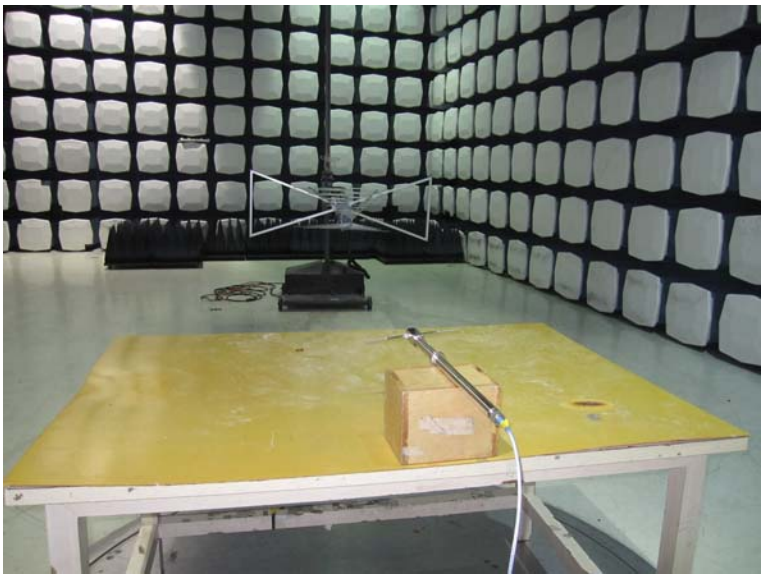
Date: 12.APR.2012 04:18:51

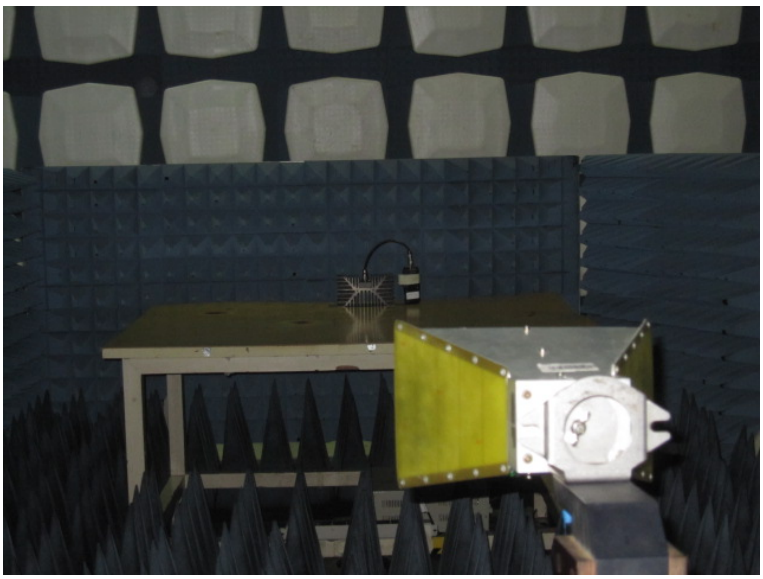
5. Test Setup Photos of the EUT

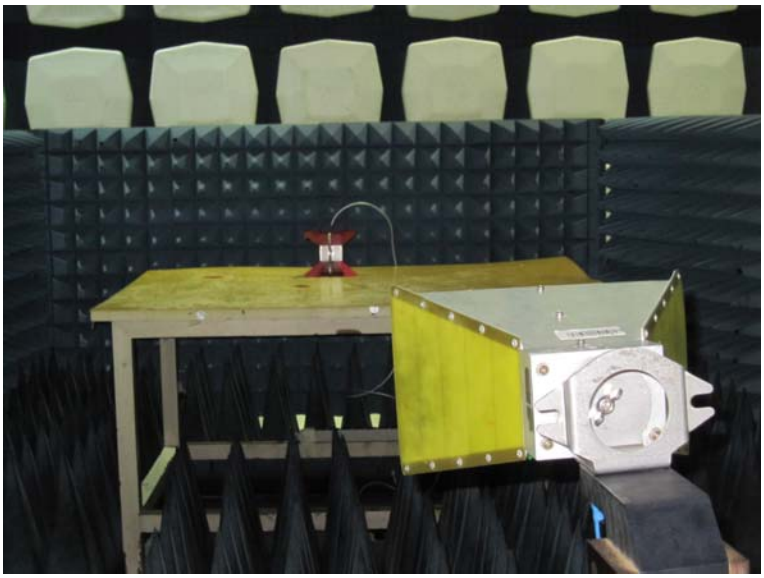


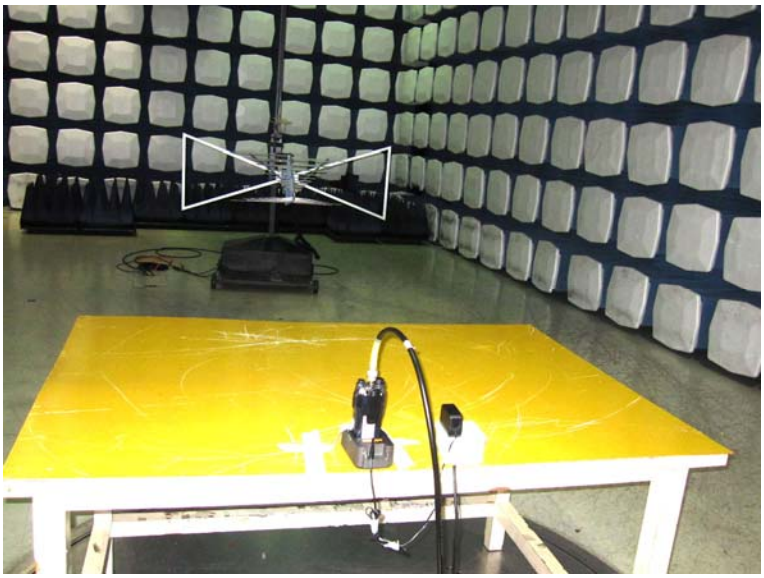


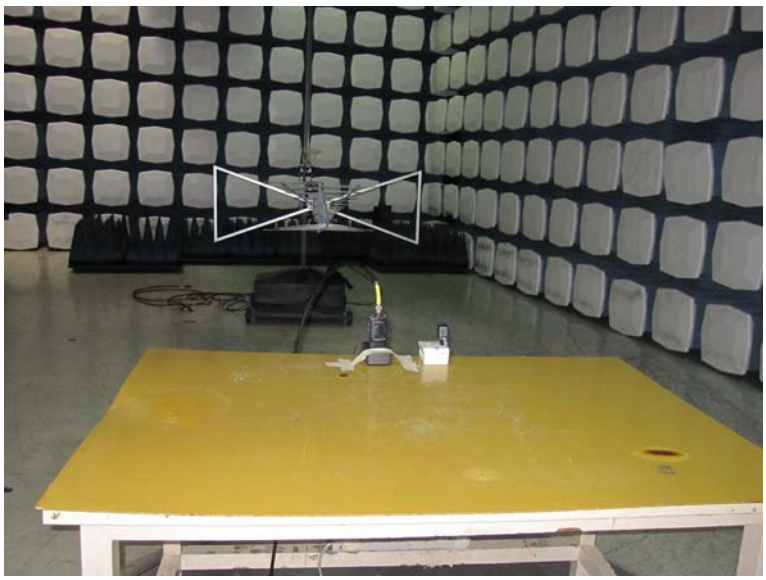


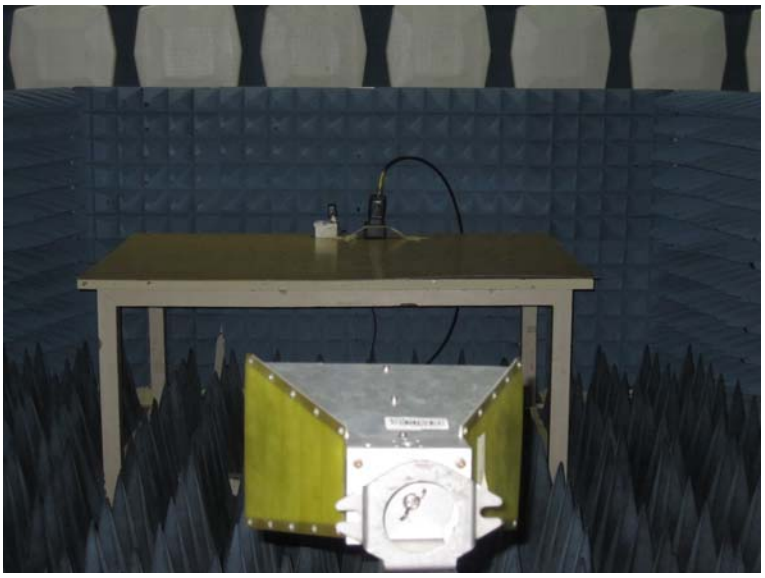












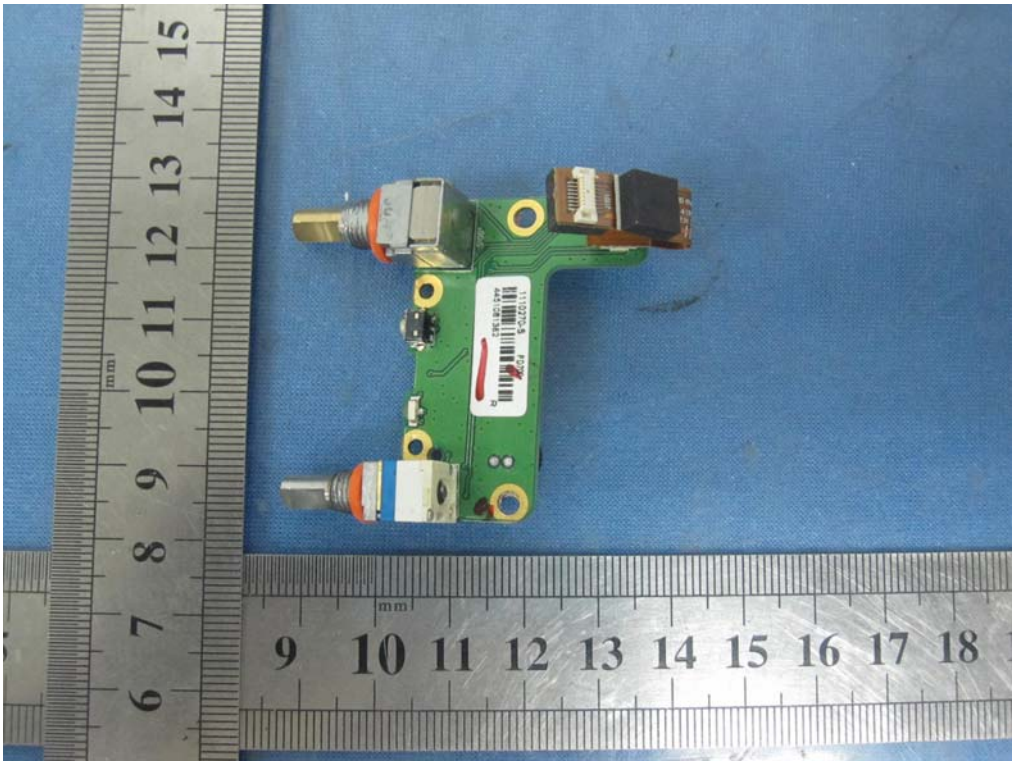
6. External and Internal Photos of the EUT

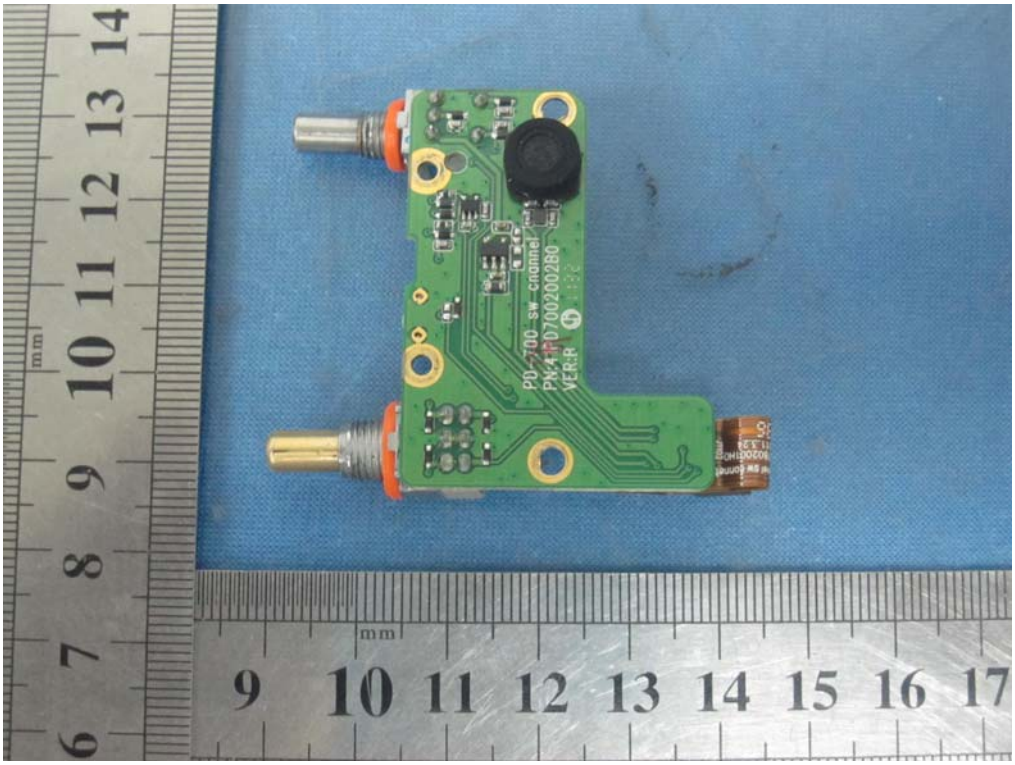
External photos of the EUT

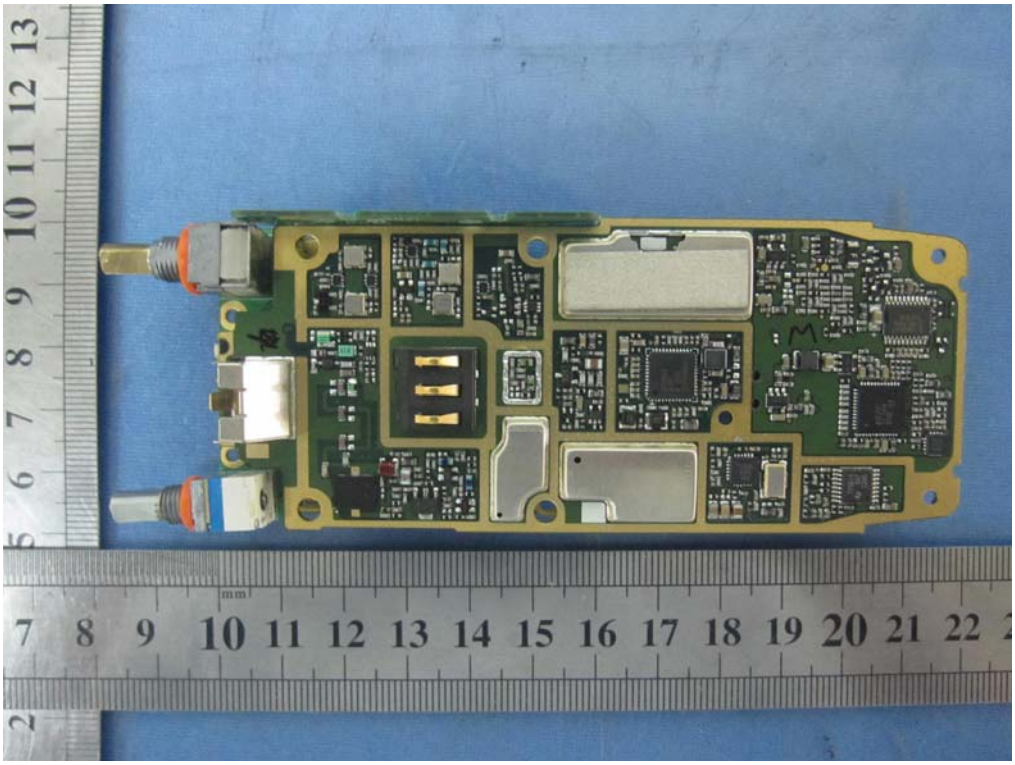

Hytera
CAUTION

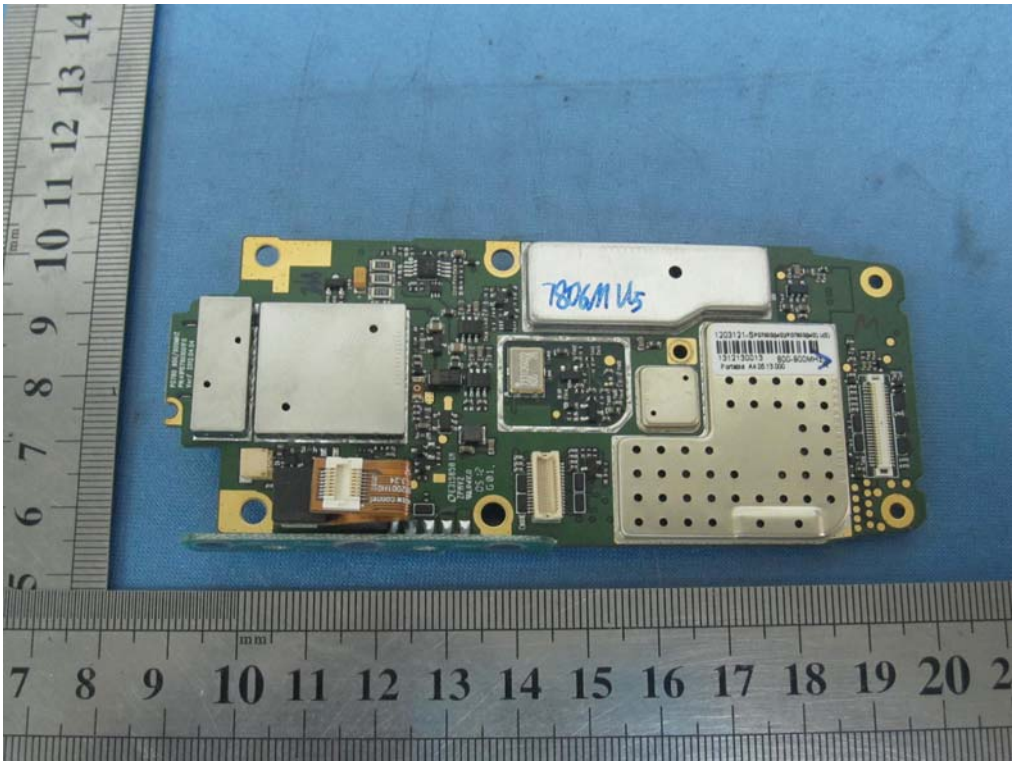

Hytera
CAUTION

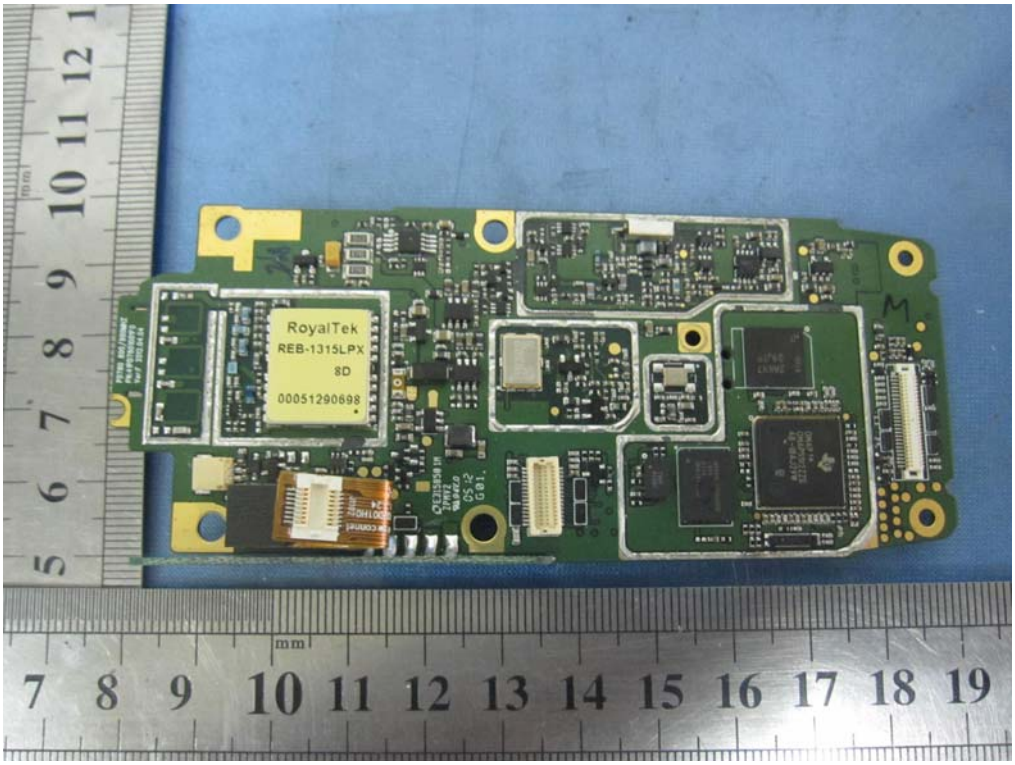
Internal photos of the EUT

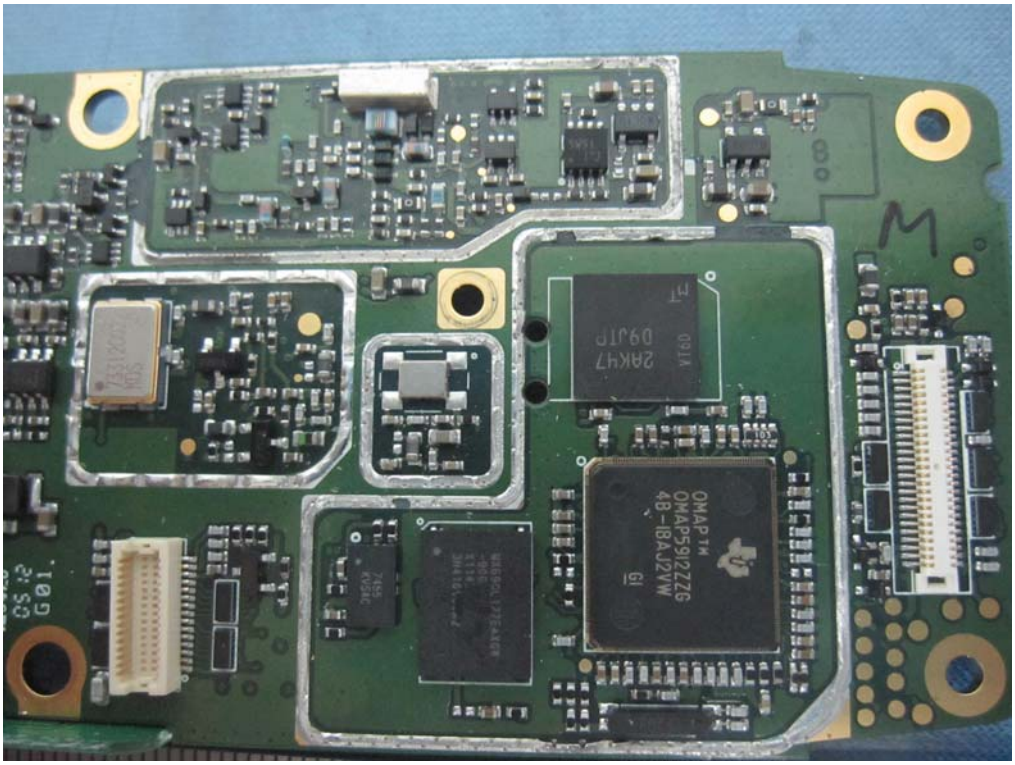


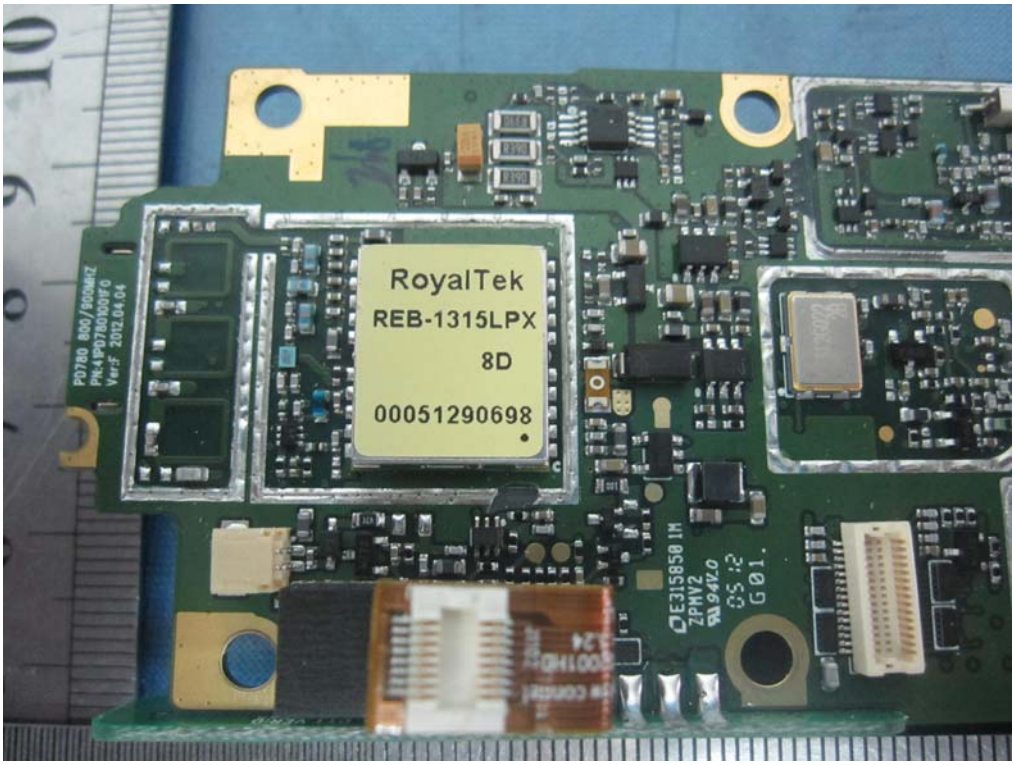

PD-700 sw channel
PN:4PD700200280
VER:R

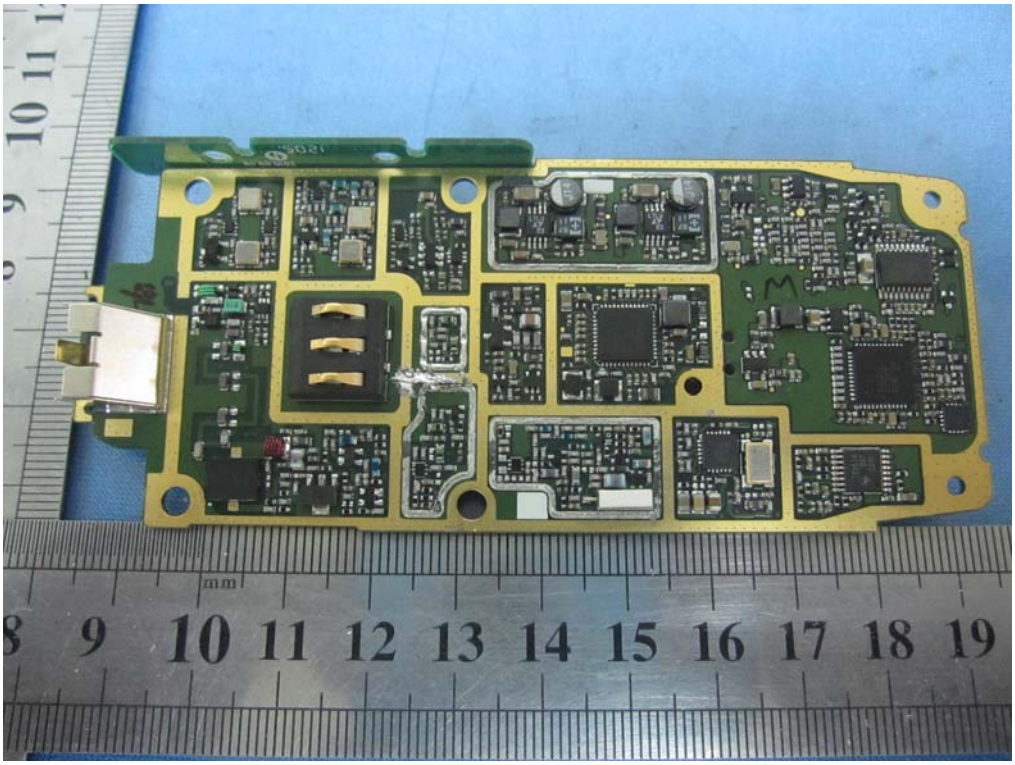


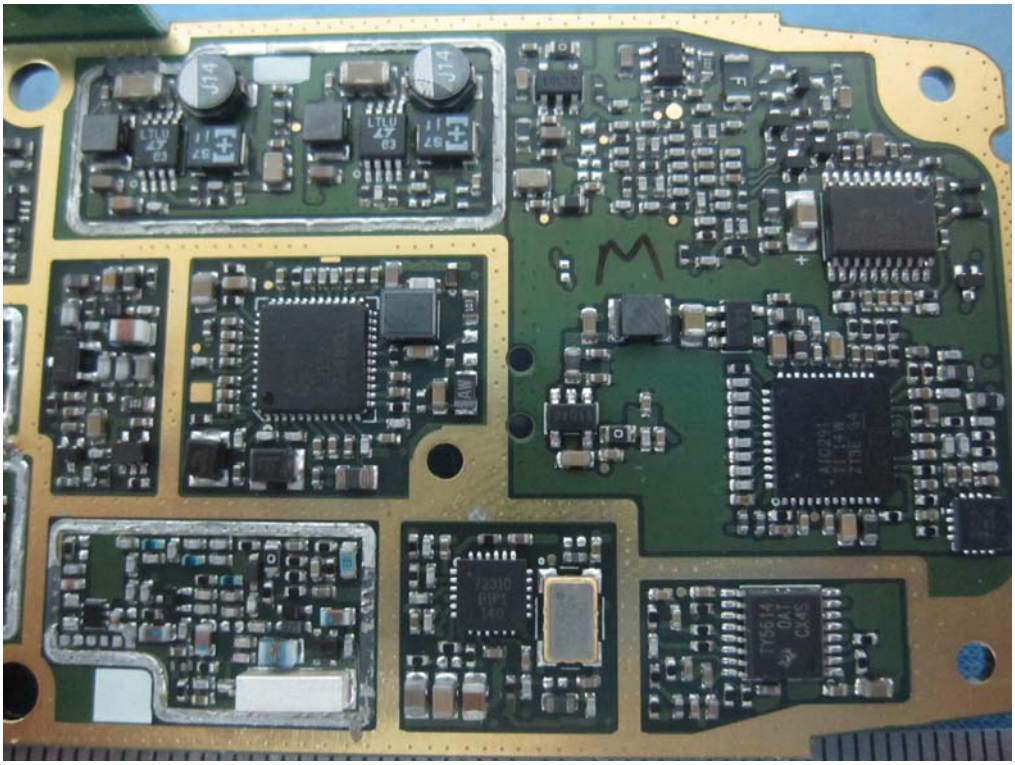



RoyalTek
REB-1315LPX
8D
00051290698
mm


OMAP™
OMAP5912ZZG
4B-1BAJ2VW


RoyalTek
REB-1315LPX
8D
00051290698





.....End of Report.....