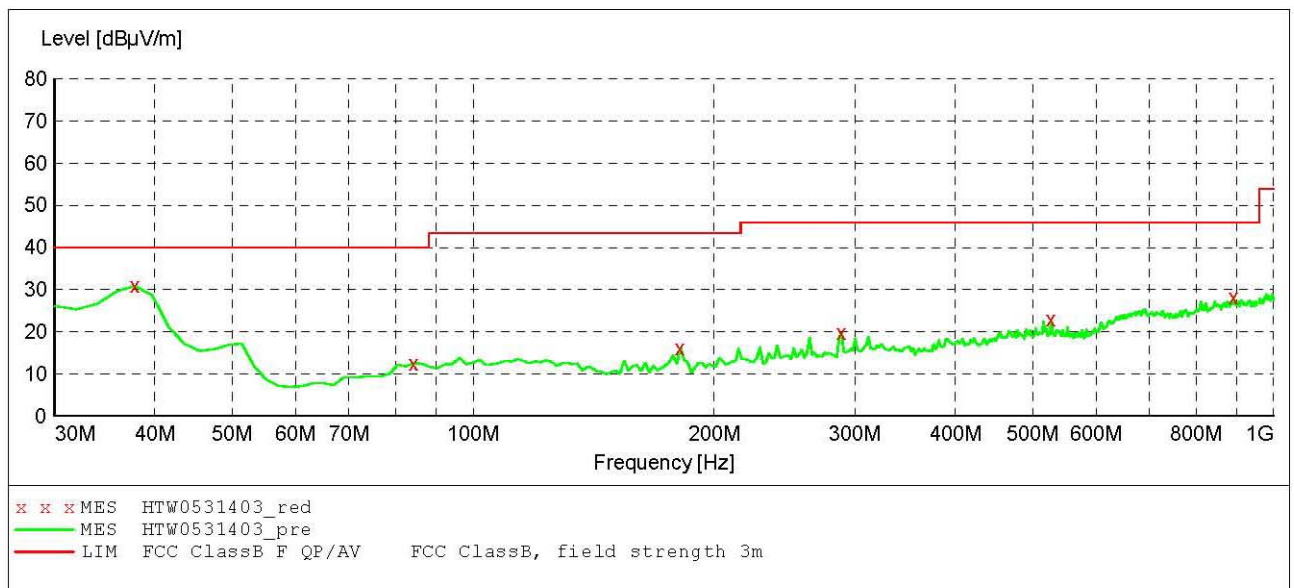


Modulation Type/Mode	Channel Separation	Test Frequency (MHz)	Polar.	Maximum Radiated Emissions		FCC Limit (dBuV/m)
				Frequency (MHz)	Datum (dBuV/m)	
pi/4DQPSK/DMO	25 KHz	460	H	926.13	36.10	46.00
			V	37.78	30.90	40.00
Test Results			Compliance			

**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

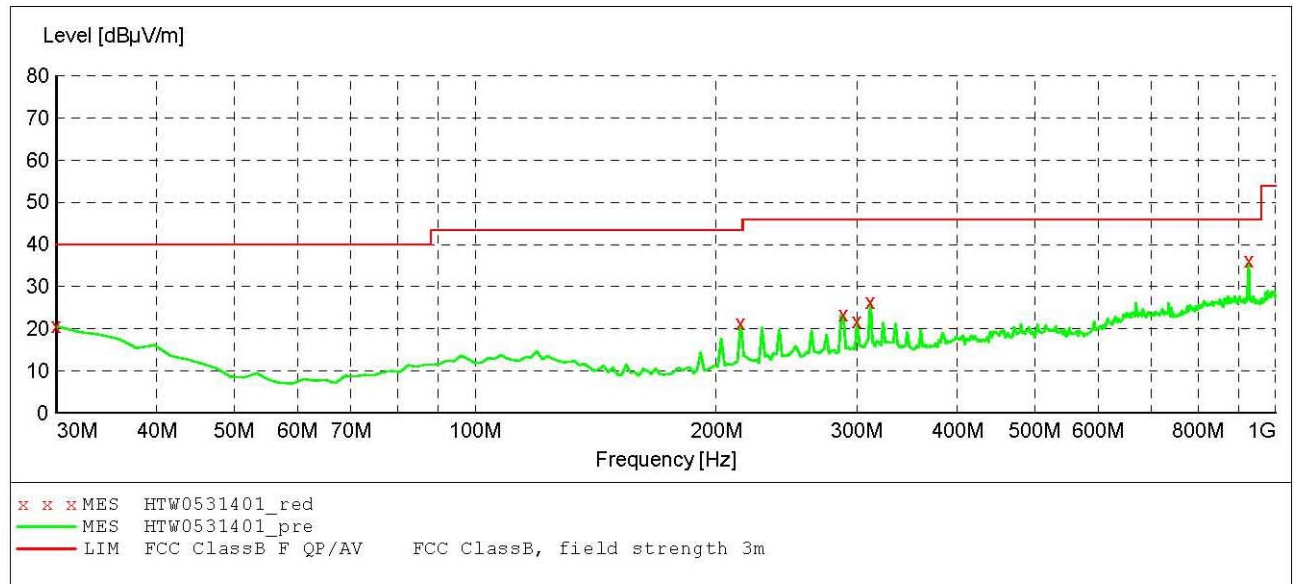
**MEASUREMENT RESULT: "HTW0531403\_red"**

5/31/2012 10:08PM

Frequency MHz	Level dBuV/m	Transd dB	Limit dBuV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
37.775551	30.90	-15.3	40.0	9.1	PK	100.0	57.00	VERTICAL
84.428858	12.50	-21.2	40.0	27.5	PK	100.0	71.00	VERTICAL
181.623246	16.20	-22.1	43.5	27.3	PK	100.0	57.00	VERTICAL
288.537074	19.70	-17.6	46.0	26.3	PK	100.0	7.00	VERTICAL
527.635271	23.00	-13.0	46.0	23.0	PK	100.0	50.00	VERTICAL
891.142285	28.20	-6.7	46.0	17.8	PK	100.0	71.00	VERTICAL

***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: "HTW0531401\_red"***

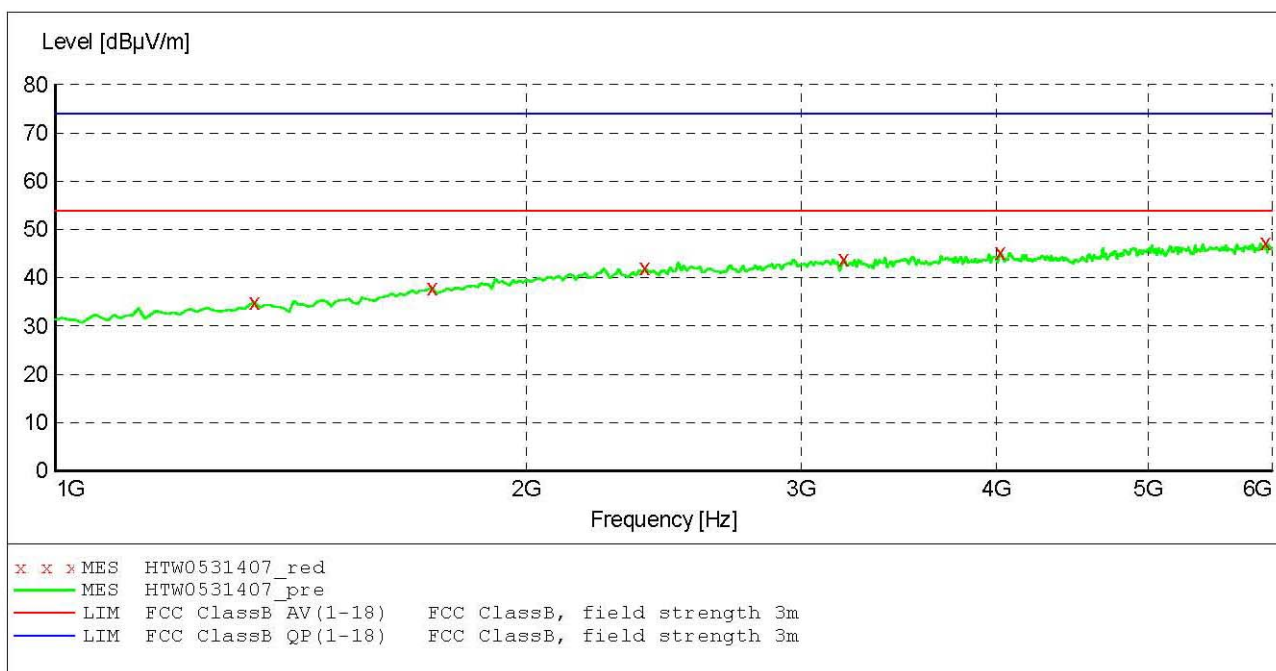
5/31/2012 10:04PM

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
30.000000	20.60	-11.3	40.0	19.4	PK	100.0	95.00	HORIZONTAL
214.669339	21.30	-20.7	43.5	22.2	PK	100.0	205.00	HORIZONTAL
288.537074	23.40	-17.6	46.0	22.6	PK	100.0	95.00	HORIZONTAL
300.200401	21.90	-16.9	46.0	24.1	PK	100.0	300.00	HORIZONTAL
311.863727	26.50	-16.3	46.0	19.5	PK	100.0	312.00	HORIZONTAL
926.132265	36.10	-7.1	46.0	9.9	PK	100.0	180.00	HORIZONTAL

Modulation Type/Mode	Channel Separation	Test Frequency (MHz)	Polar.	Maximum Radiated Emissions		FCC Limit (dBuV/m)
				Frequency (MHz)	Datum (dBuV/m)	
pi/4DQPSK/DMO	25 KHz	450	H	5298.60	47.30	54.00
			V	5949.90	47.20	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 500.0 ms 1 MHz HF906 2011

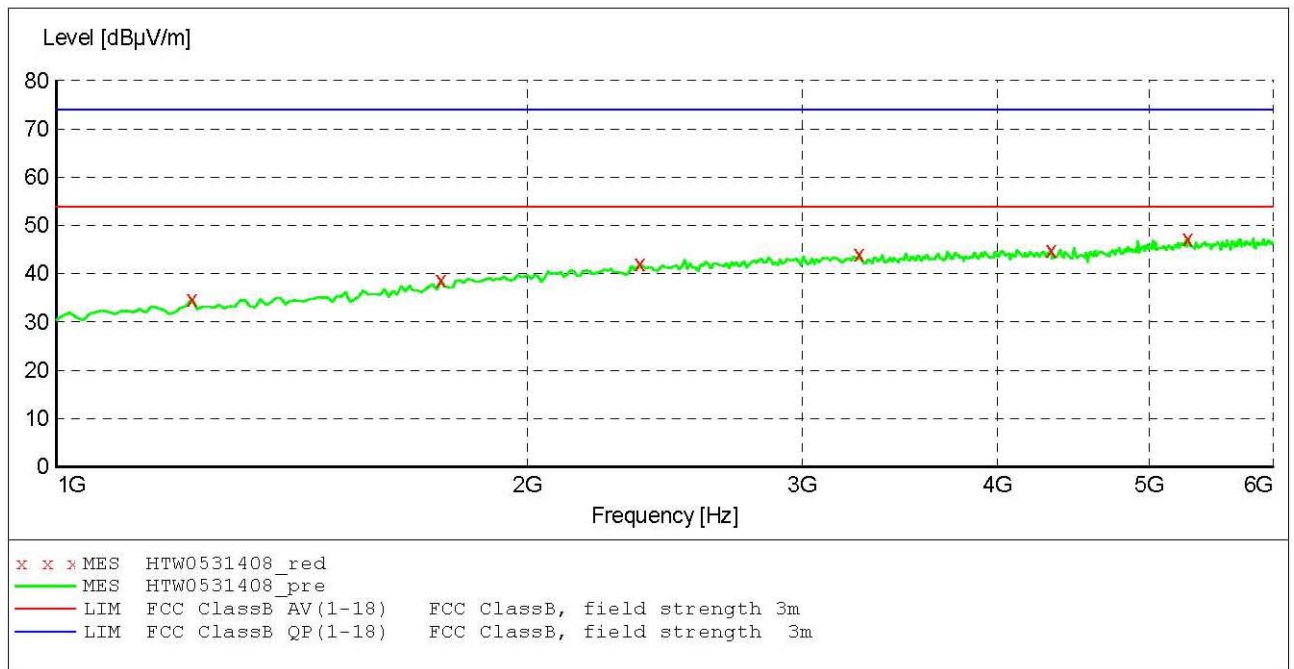
***MEASUREMENT RESULT: "HTW0531407\_red"***

5/31/2012 4:05AM

Frequency MHz	Level dBuV/m	Transd dB	Limit dBuV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1340.681363	34.90	-7.0	53.9	19.0	PK	100.0	259.00	VERTICAL
1741.482966	37.90	-3.6	53.9	16.0	PK	100.0	301.00	VERTICAL
2382.765531	42.00	0.4	53.9	11.9	PK	100.0	278.00	VERTICAL
3194.388778	43.90	2.3	53.9	10.0	PK	100.0	49.00	VERTICAL
4026.052104	45.20	3.6	53.9	8.7	PK	100.0	63.00	VERTICAL
5949.899800	47.20	7.3	53.9	6.7	PK	100.0	63.00	VERTICAL

***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 500.0 ms 1 MHz HF906 2011

***MEASUREMENT RESULT: "HTW0531408\_red"***

5/31/2012 4:08AM

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
1220.440882	34.80	-7.9	53.9	19.1	PK	100.0	122.00	HORIZONTAL
1761.523046	38.70	-3.4	53.9	15.2	PK	100.0	100.00	HORIZONTAL
2362.725451	42.10	0.3	53.9	11.8	PK	100.0	80.00	HORIZONTAL
3264.529058	44.00	2.4	53.9	9.9	PK	100.0	170.00	HORIZONTAL
4326.653307	44.90	3.5	53.9	9.0	PK	100.0	285.00	HORIZONTAL
5298.597194	47.30	6.2	53.9	6.6	PK	100.0	194.00	HORIZONTAL

#### 4.10. Receiver Conducted Spurious Emission

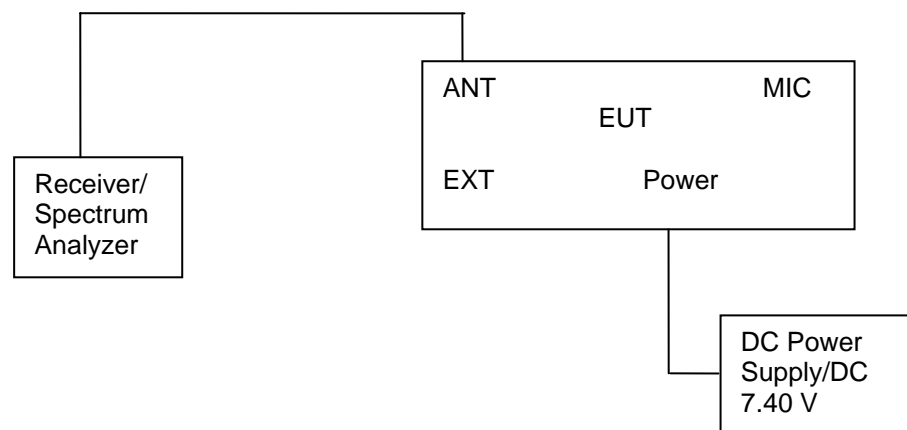
##### TEST APPLICABLE

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<sup>th</sup> harmonic.

##### TEST CONFIGURATION



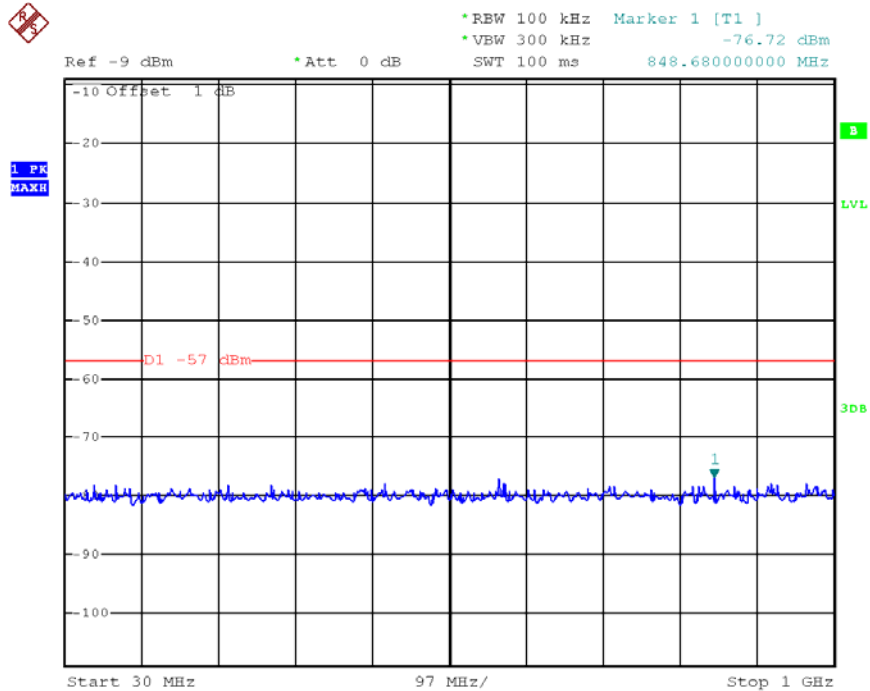
##### LIMIT

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

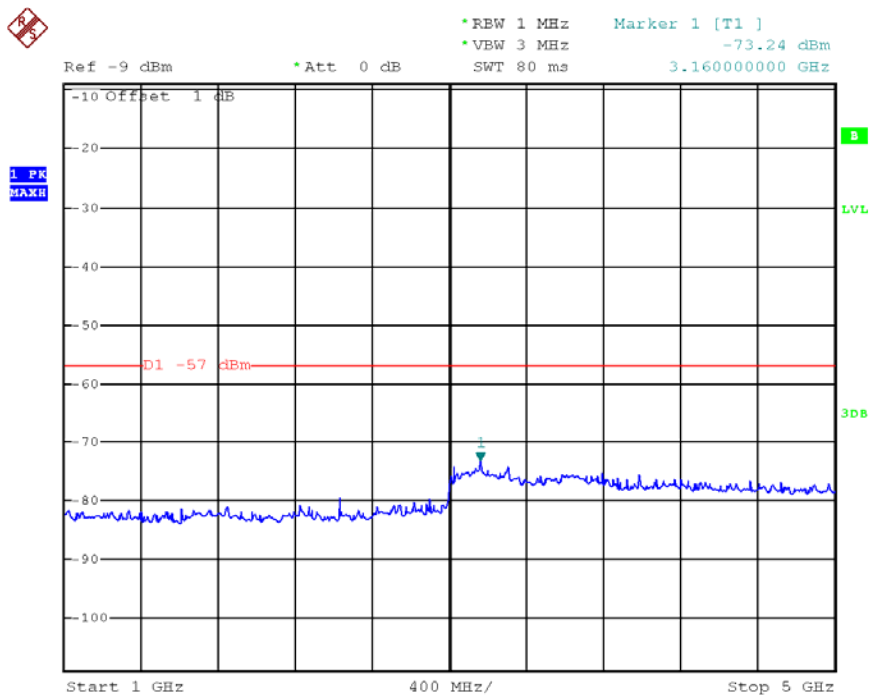
##### TEST RESULTS

The Receiver Conducted Spurious Emissions Measurement is performed to the three channels (the high channel, the middle channel and the low channel), the datums recorded below were for the three channels; and the EUT shall be scanned from 30 MHz to the 5 GHz.

Modulation Type/Mode	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above 1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
pi/4DQPSK/TMO	25KHz	Low	460	848.68	-76.72	3160.00	-73.24	-57dBm
Test Results				Compliance				

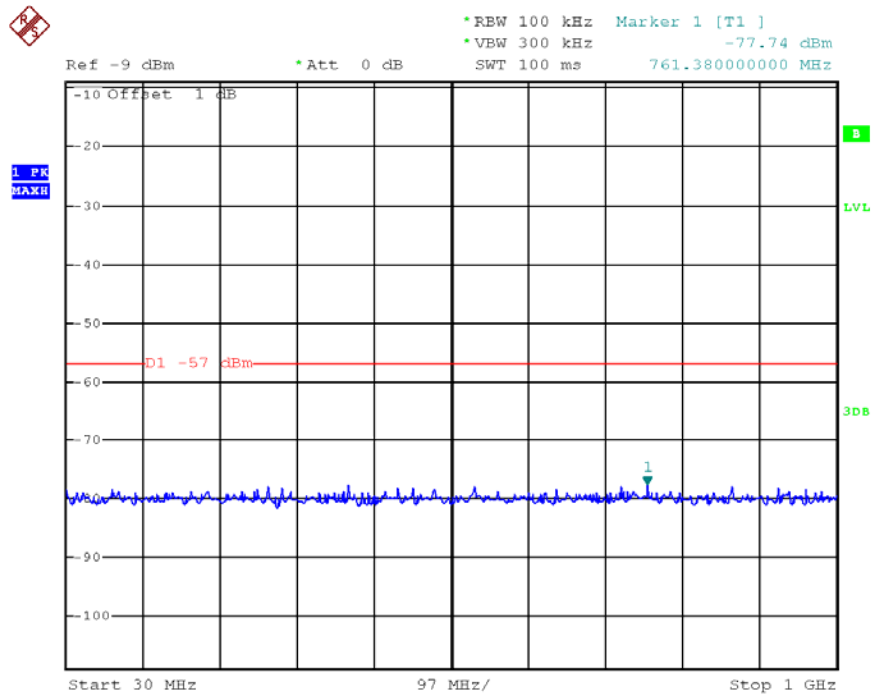


Date: 25.APR.2012 05:03:13

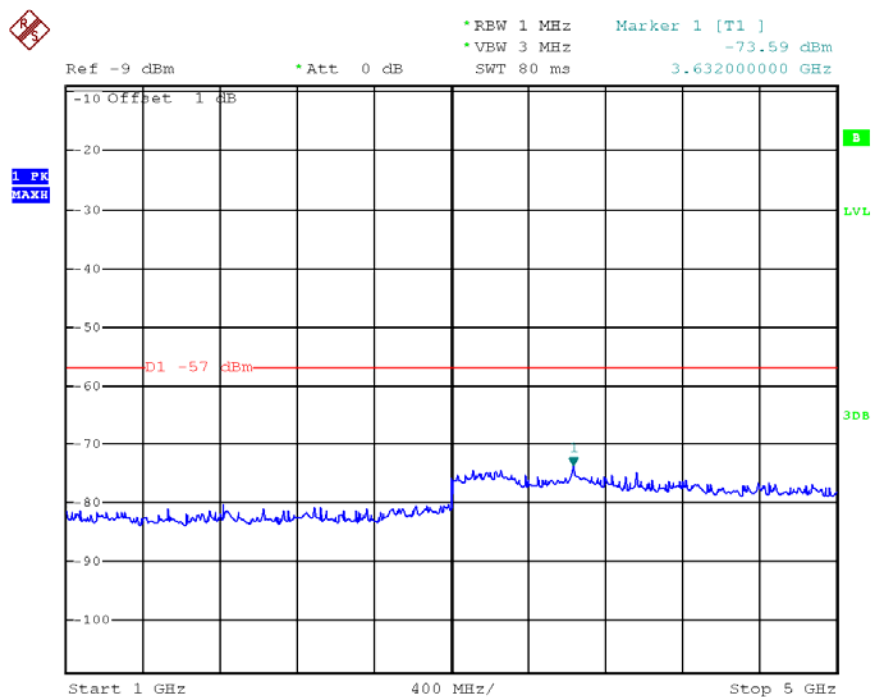


Date: 25.APR.2012 05:02:44

Modulation Type/Mode	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above 1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
pi/4DQPSK/TMO	25KHz	High	470	761.38	-77.74	3632.00	-73.59	-57dBm
Test Results				Compliance				

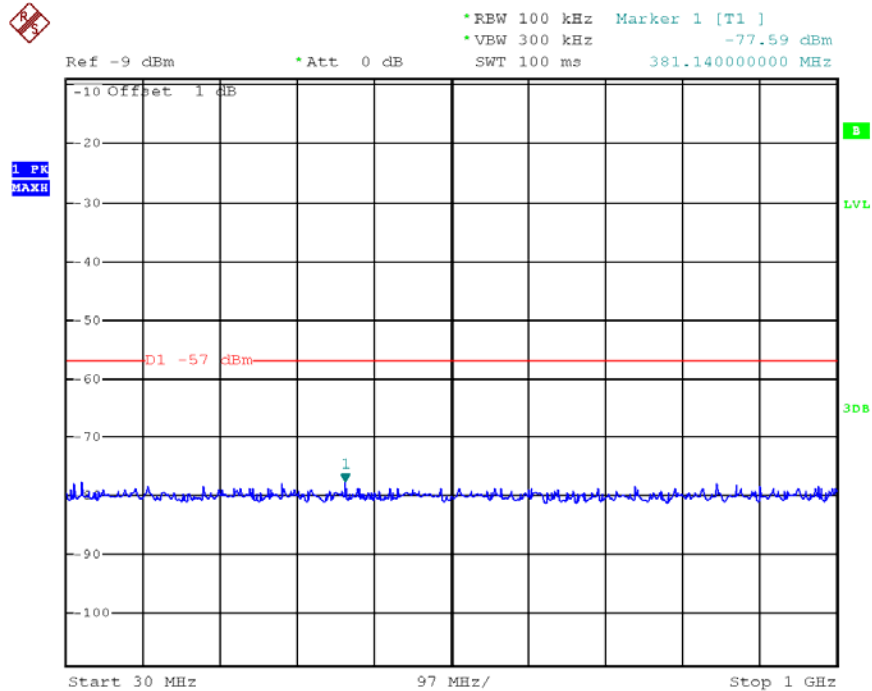


Date: 25.APR.2012 05:01:29

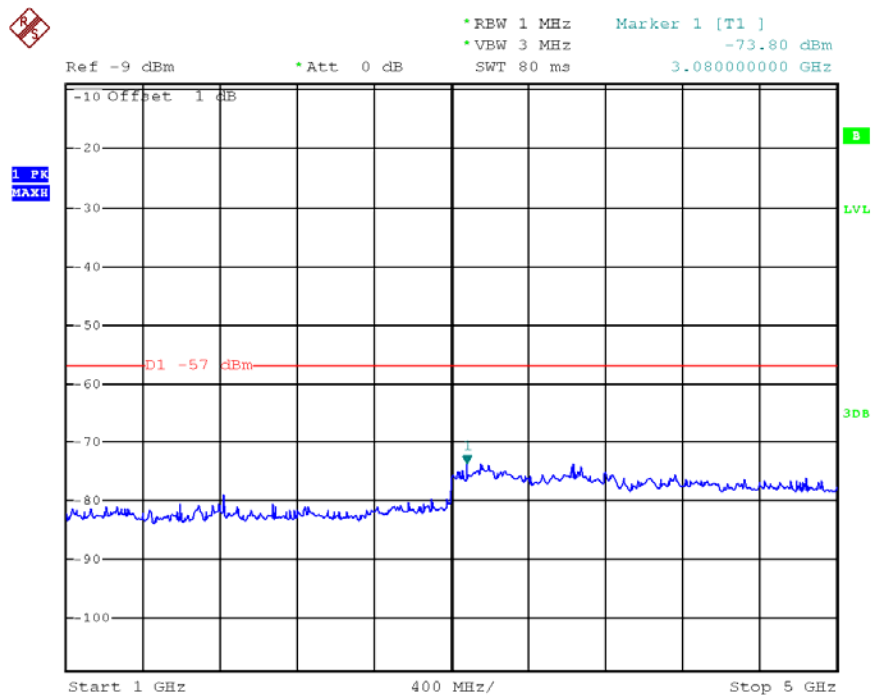


Date: 25.APR.2012 05:01:57

Modulation Type/Mode	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above 1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
pi/4DQPSK/DMO	25KHz	Low	450	381.14	-77.59	3080.00	-73.80	-57dBm
Test Results				Compliance				



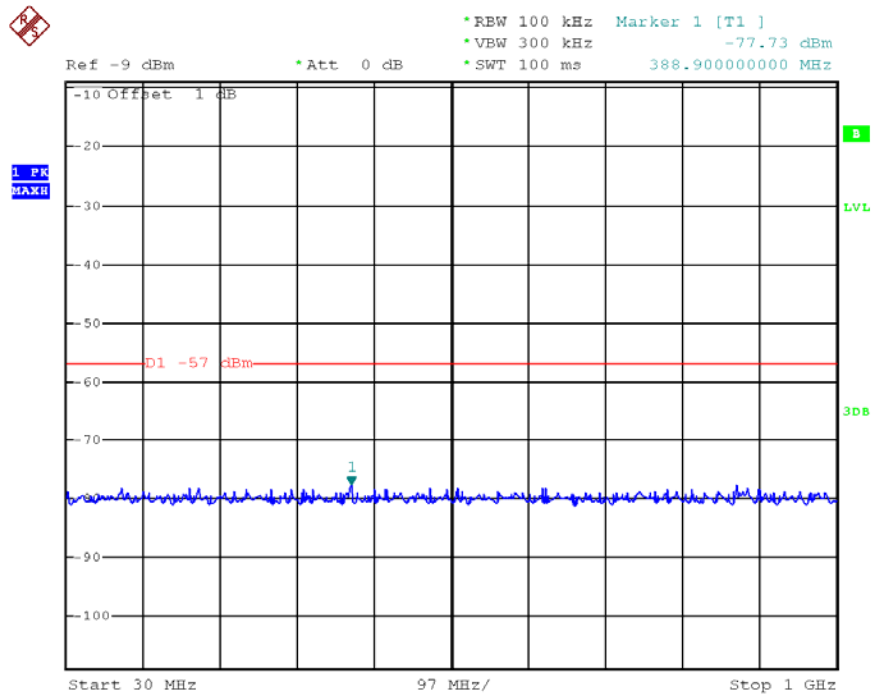
Date: 25.APR.2012 05:03:51



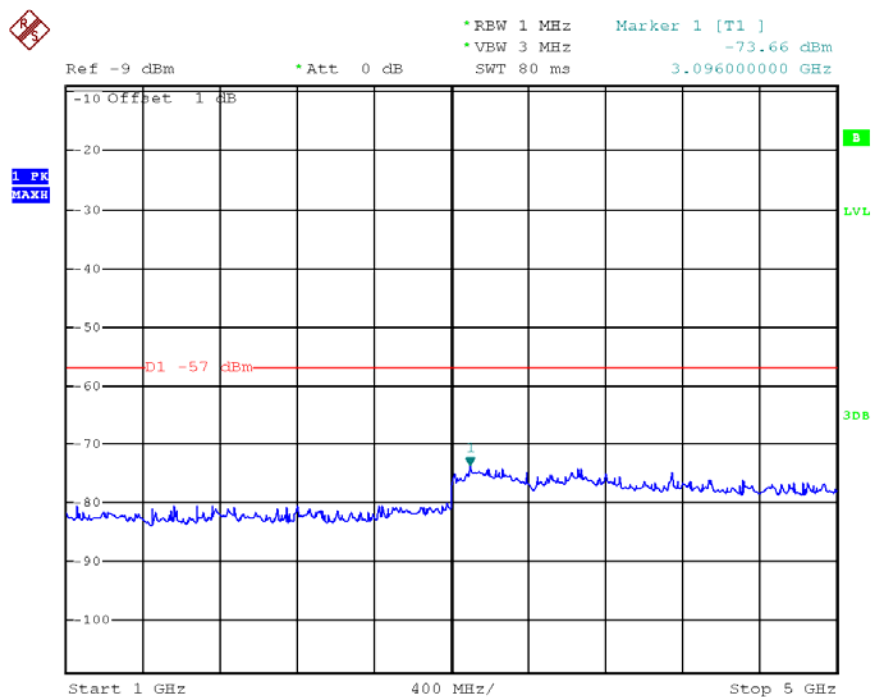
Date: 25.APR.2012 05:04:20



Modulation Type/Mode	Channel SpARATION	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above 1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
pi/4DQPSK/DMO	25KHz	Middle	460	388.90	-77.73	3096.00	-73.66	-57dBm
Test Results				Compliance				

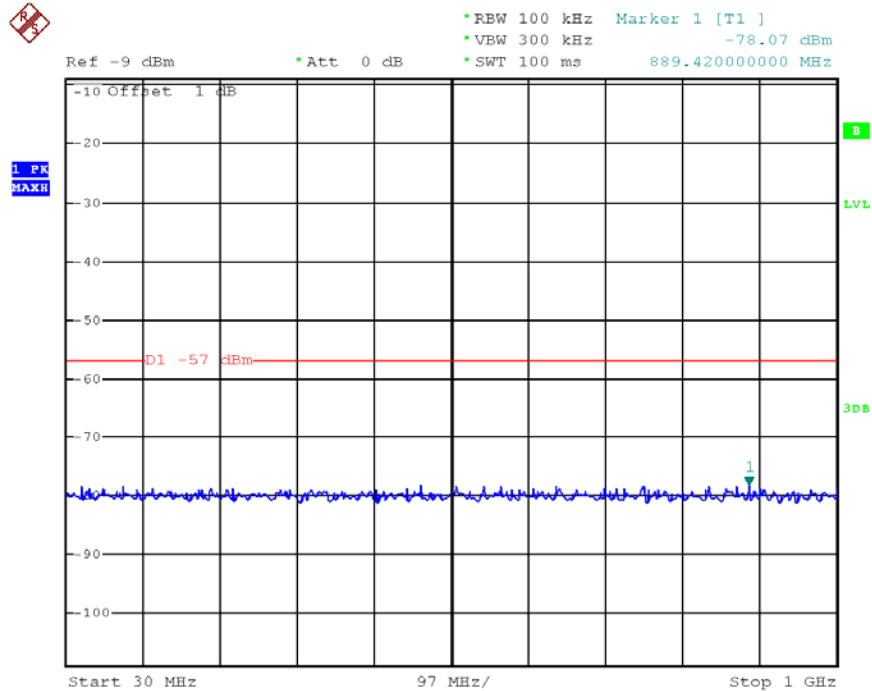


Date: 25.APR.2012 05:05:38

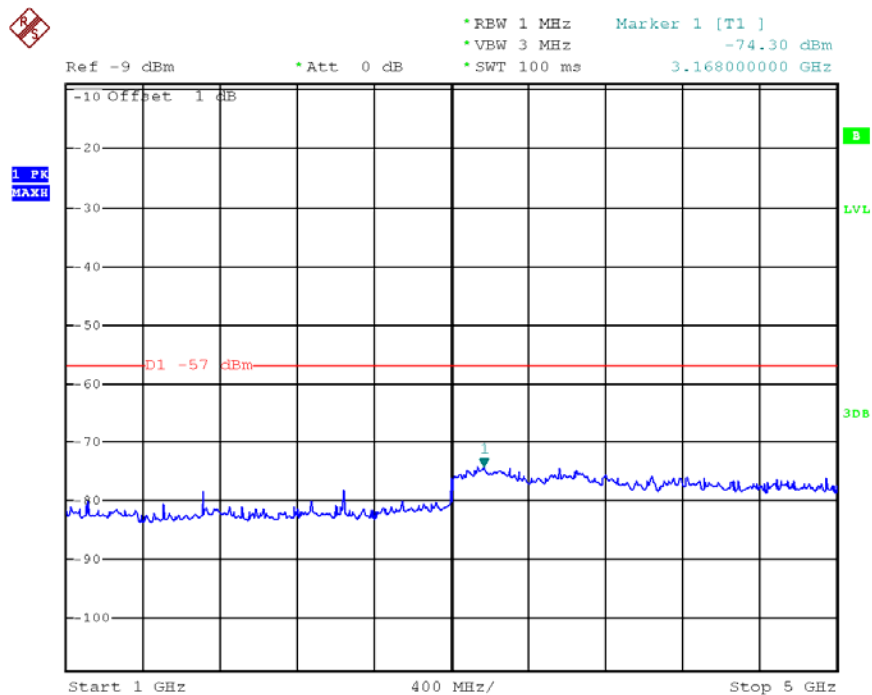


Date: 25.APR.2012 05:05:02

Modulation Type/Mode	Channel Sparation	Test Channel	Test Frequency (MHz)	Maximum Conducted Spurious Emissions Below 1GHz		Maximum Conducted Spurious Emissions Above 1GHz		FCC Limit
				Frequency (MHz)	Datum (dBm)	Frequency (MHz)	Datum (dBm)	
pi/4DQPSK/TMO	25KHz	High	470	889.42	-78.07	3168.00	-74.30	-57dBm
Test Results				Compliance				



Date: 25.APR.2012 05:06:13



Date: 25.APR.2012 05:06:42

## 5. Test Setup Photos of the EUT

