



Manufacturer :Twisthink, LLC  
Model No. : Master Station 801 Filter  
Serial No. : 1082  
Mode : Transmit at 2405MHz (Ch. 11)  
Test Specification : FCC 15.249  
Date : July 7, 2010 and July 14, 2010  
Test Distance : 3 meters  
Note : Peak readings

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Amb	CBL FAC (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 m	Total uV/m at 3m	Limit uV/m at 3m	Margin (dB)
4810.0	H	59.4		5.7	34.5	-37.3	62.3	1298.0	5000.0	-11.7
4810.0	V	55.0		5.7	34.5	-37.3	57.9	782.1	5000.0	-16.1
12025.0	H	50.3		9.8	41.4	-37.3	64.2	1615.2	5000.0	-9.8
12025.0	V	47.6		9.8	41.4	-37.3	61.5	1183.6	5000.0	-12.5
19240.0	H	36.3	Amb	2.2	40.4	-27.5	51.4	372.4	5000.0	-22.6
19240.0	V	36.2	Amb	2.2	40.4	-27.5	51.3	368.2	5000.0	-22.7

Amb = Ambient

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain



Manufacturer :Twisthink, LLC  
Model No. : Master Station 801 Filter  
Serial No. : 1082  
Mode : Transmit at 2405MHz (Ch. 11)  
Test Specification : FCC 15.249  
Date : July 7, 2010 and July 14, 2010  
Test Distance : 3 meters  
Note : Average readings

Freq MHz	Ant Pol	Meter Reading dBuV	Amb	Cable Loss dB	Ant Fac dB	Pre Amp Gain dB	Duty Cycle Factor dB	Total dBuV/m	Total uV/m	Limit uV/m	Margin dB
4810.0	H	41.8		5.7	34.5	-37.3	-11.8	32.9	44.0	500.0	-21.1
4810.0	V	33.8		5.7	34.5	-37.3	-11.8	24.9	17.5	500.0	-29.1
12025.0	H	31.6	Amb	9.8	41.4	-37.3	-11.8	33.7	48.2	500.0	-20.3
12025.0	V	31.3	Amb	9.8	41.4	-37.3	-11.8	33.4	46.6	500.0	-20.6
19240.0	H	23.8	Amb	2.2	40.4	-27.5	-11.8	27.1	22.7	500.0	-26.9
19240.0	V	23.9	Amb	2.2	40.4	-27.5	-11.8	27.2	23.0	500.0	-26.8

Amb = Ambient

Total = Meter Reading + Cable Loss + Antenna Factor + Pre Amp Gain + Duty Cycle Factor





Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 801 FILTER  
Serial Number : 1082  
Operating Mode : Tx @ 2405MHz  
DUT Test Side :  
Antenna Pol. : Horizontal  
Notes :  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 14, 2010 04:29:41 PM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	325.000	25.6	14.7	0.0	1.5	41.8	46.0		QP
2	609.670	12.5	19.3	0.0	2.0	33.9	46.0		PEAK

Verified By:



Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 801 FILTER  
Serial Number : 1082  
Operating Mode : Tx @ 2405MHz  
DUT Test Side :  
Antenna Pol. : Vertical  
Notes :  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 14, 2010 04:06:42 PM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	37.790	21.3	14.8	0.0	0.5	36.6	40.0		PEAK
2	108.100	21.5	12.5	0.0	1.0	35.0	43.5		QP
3	137.300	27.2	12.2	0.0	1.0	40.4	43.5		PEAK
4	149.900	19.4	11.1	0.0	1.0	31.5	43.5		QP
5	156.850	30.2	10.8	0.0	1.0	42.0	43.5		PEAK
6	162.040	24.2	10.6	0.0	1.0	35.8	43.5		PEAK
7	167.740	23.0	10.4	0.0	1.0	34.4	43.5		PEAK

Verified By: *Mark E Longmuir*



Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 806  
Serial Number : 1082  
Operating Mode : Tx @ 2405MHz  
DUT Test Side :  
Antenna Pol. : Horizontal  
Notes : STEWARD HF BEAD ON PoE  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 15, 2010 06:59:40 PM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	1032.200	21.8	23.8	0.0	2.5	48.1	54.0		AVG
2	1179.500	21.9	24.7	0.0	2.7	49.3	54.0		AVG

Verified By: *Mark E Longstaffe*



Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 806  
Serial Number : 1082  
Operating Mode : Tx @ 2405MHz  
DUT Test Side :  
Antenna Pol. : Vertical  
Notes : STEWARD HF BEAD ON PoE  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 15, 2010 07:05:57 PM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	1032.200	23.4	23.8	0.0	2.5	49.7	54.0		AVG
2	1179.500	19.0	24.7	0.0	2.7	46.4	54.0		AVG

Verified By:



Manufacturer :Twisthink, LLC  
Model No. : Master Station 803 Filter  
Serial No. : 1085  
Mode : Transmit at 2425MHz (Ch. 15)  
Test Specification : FCC 15.249  
Date : July 7, 2010 and July 14, 2010  
Test Distance : 3 meters  
Note : Peak readings

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Amb	CBL FAC (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 m	Total uV/m at 3m	Limit uV/m at 3m	Margin (dB)
4850.0	H	50.6		5.7	34.5	-37.3	53.5	473.0	5000.0	-20.5
4850.0	V	50.9		5.7	34.5	-37.3	53.8	489.7	5000.0	-20.2
7275.0	H	57.9		7.7	38.0	-37.4	66.2	2038.3	5000.0	-7.8
7275.0	V	56.2		7.7	38.0	-37.4	64.5	1675.9	5000.0	-9.5
12125.0	H	50.8		9.8	41.4	-37.2	64.8	1738.9	5000.0	-9.2
12125.0	V	47.3		9.8	41.4	-37.2	61.3	1162.2	5000.0	-12.7
19400.0	H	35.8	Amb	2.2	40.4	-27.3	51.1	358.4	5000.0	-22.9
19400.0	V	35.7	Amb	2.2	40.4	-27.3	51.0	354.3	5000.0	-23.0

Amb = Ambient

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain



Manufacturer :Twisthink, LLC  
Model No. : Master Station 803 Filter  
Serial No. : 1085  
Mode : Transmit at 2425MHz (Ch. 15)  
Test Specification : FCC 15.249  
Date : July 7, 2010 and July 14, 2010  
Test Distance : 3 meters  
Note : Average readings

Freq MHz	Ant Pol	Meter Reading dBuV	Amb	Cable Loss dB	Ant Fac dB	Pre Amp Gain dB	Duty Cycle Factor dB	Total dBuV/m	Total uV/m	Limit uV/m	Margin dB
4850.0	H	36.3		5.7	34.5	-37.3	-11.8	27.4	23.4	500.0	-26.6
4850.0	V	36.1		5.7	34.5	-37.3	-11.8	27.2	22.9	500.0	-26.8
7275.0	H	39.3		7.7	38.0	-37.4	-11.8	35.8	61.6	500.0	-18.2
7275.0	V	35.1		7.7	38.0	-37.4	-11.8	31.6	38.0	500.0	-22.4
12125.0	H	29.4	Amb	9.8	41.4	-37.2	-11.8	31.6	38.0	500.0	-22.4
12125.0	V	29.4	Amb	9.8	41.4	-37.2	-11.8	31.6	38.0	500.0	-22.4
19400.0	H	24.1	Amb	2.2	40.4	-27.3	-11.8	27.6	24.0	500.0	-26.4
19400.0	V	24.1	Amb	2.2	40.4	-27.3	-11.8	27.6	24.0	500.0	-26.4

Amb = Ambient

Total = Meter Reading + Cable Loss + Antenna Factor + Pre Amp Gain + Duty Cycle Factor



Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 803 FILTER  
Serial Number : 1085  
Operating Mode : Tx @ 2425MHz  
DUT Test Side :  
Antenna Pol. : Horizontal  
Notes :  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 20, 2010 10:19:05 AM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	138.000	24.3	12.1	0.0	1.0	37.4	43.5		PEAK
2	322.760	23.0	14.6	0.0	1.5	39.1	46.0		QP
3	325.000	24.4	14.7	0.0	1.5	40.6	46.0		QP

Verified By: *Mark E Longmatt*



Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 803 FILTER  
Serial Number : 1085  
Operating Mode : Tx @ 2425MHz  
DUT Test Side :  
Antenna Pol. : Vertical  
Notes :  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 20, 2010 10:05:47 AM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	38.230	20.3	14.6	0.0	0.5	35.4	40.0		PEAK
2	73.100	26.6	6.8	0.0	0.8	34.2	40.0		PEAK
3	116.500	17.3	12.9	0.0	1.0	31.2	43.5		PEAK
4	137.970	18.4	12.1	0.0	1.0	31.5	43.5		PEAK
5	322.800	21.8	14.6	0.0	1.5	37.9	46.0		QP
6	325.000	25.6	14.7	0.0	1.5	41.8	46.0		PEAK
7	334.960	19.6	14.9	0.0	1.5	36.0	46.0		PEAK

Verified By: *Mark E Longjumeau*





Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 803  
Serial Number : 1085  
Operating Mode : Tx @ 2425MHz  
DUT Test Side :  
Antenna Pol. : Horizontal  
Notes : STEWARD HF BEAD ON PoE  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 15, 2010 07:18:20 PM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	1032.200	20.1	23.8	0.0	2.5	46.4	54.0		AVG
2	1179.800	20.2	24.7	0.0	2.7	47.6	54.0		AVG

Verified By: *Mark E Longjumeau*



Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 803  
Serial Number : 1085  
Operating Mode : Tx @ 2425MHz  
DUT Test Side :  
Antenna Pol. : Vertical  
Notes : STEWARD HF BEAD ON PoE  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 15, 2010 07:13:13 PM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	1032.300	22.9	23.8	0.0	2.5	49.2	54.0		AVG
2	1179.700	21.8	24.7	0.0	2.7	49.2	54.0		AVG

Verified By: *Mark E. Longest*



Manufacturer :Twisthink, LLC  
Model No. : Master Station 806 Filter  
Serial No. : 1087  
Mode : Transmit at 2445MHz (Ch. 19)  
Test Specification : FCC 15.249  
Date : July 7, 2010 and July 14, 2010  
Test Distance : 3 meters  
Note : Peak readings

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Amb	CBL FAC (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 m	Total uV/m at 3m	Limit uV/m at 3m	Margin (dB)
4890.0	H	57.5		5.8	34.5	-37.3	60.4	1050.8	5000.0	-13.5
4890.0	V	51.5		5.8	34.5	-37.3	54.4	526.6	5000.0	-19.5
7335.0	H	57.6		7.7	38.1	-37.4	65.9	1973.2	5000.0	-8.1
7335.0	V	55.0		7.7	38.1	-37.4	63.3	1462.8	5000.0	-10.7
12225.0	H	47.1		9.9	41.4	-37.1	61.2	1154.1	5000.0	-12.7
12225.0	V	46.9		9.9	41.4	-37.1	61.0	1127.9	5000.0	-12.9
19560.0	H	36.3	Amb	2.2	40.4	-27.1	51.7	386.7	5000.0	-22.2
19560.0	V	35.3	Amb	2.2	40.4	-27.1	50.7	344.7	5000.0	-23.2

Amb = Ambient

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain



Manufacturer :Twisthink, LLC  
Model No. : Master Station 803 Filter  
Serial No. : 1087  
Mode : Transmit at 2445MHz (Ch. 19)  
Test Specification : FCC 15.249  
Date : July 7, 2010 and July 14, 2010  
Test Distance : 3 meters  
Note : Average readings

Freq MHz	Ant Pol	Meter Reading dBuV	Amb	Cable Loss dB	Ant Fac dB	Pre Amp Gain dB	Duty Cycle Factor dB	Total dBuV/m	Total uV/m	Limit uV/m	Margin dB
4890.0	H	40.2		5.8	34.5	-37.3	-11.8	31.3	36.9	500.0	-22.6
4890.0	V	36.0		5.8	34.5	-37.3	-11.8	27.1	22.7	500.0	-26.8
7335.0	H	35.4		7.7	38.1	-37.4	-11.8	31.9	39.4	500.0	-22.1
7335.0	V	34.8		7.7	38.1	-37.4	-11.8	31.3	36.7	500.0	-22.7
12225.0	H	31.5		9.9	41.4	-37.1	-11.8	33.8	49.2	500.0	-20.1
12225.0	V	31.6		9.9	41.4	-37.1	-11.8	33.9	49.8	500.0	-20.0
19560.0	H	24.0	Amb	2.2	40.4	-27.1	-11.8	27.6	24.1	500.0	-26.3
19560.0	V	24.1	Amb	2.2	40.4	-27.1	-11.8	27.7	24.4	500.0	-26.2

Amb = Ambient

Total = Meter Reading + Cable Loss + Antenna Factor + Pre Amp Gain + Duty Cycle Factor



Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 806 FILTER  
Serial Number : 1087  
Operating Mode : Tx @ 2445MHz  
DUT Test Side :  
Antenna Pol. : Horizontal  
Notes :  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 20, 2010 11:07:04 AM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	108.000	19.1	12.5	0.0	1.0	32.6	43.5		PEAK
2	129.800	20.9	12.8	0.0	1.0	34.7	43.5		PEAK
3	322.780	21.7	14.6	0.0	1.5	37.8	46.0		QP
4	325.000	24.5	14.7	0.0	1.5	40.7	46.0		QP
5	609.800	14.2	19.3	0.0	2.0	35.6	46.0		PEAK

Verified By: *Mark E. Longjohn*



Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 806 FILTER  
Serial Number : 1087  
Operating Mode : Tx @ 2445MHz  
DUT Test Side :  
Antenna Pol. : Vertical  
Notes :  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 20, 2010 10:49:01 AM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	37.600	12.4	14.9	0.0	0.5	27.8	40.0		PEAK
2	73.100	22.7	6.8	0.0	0.8	30.3	40.0		PEAK
3	115.900	18.4	12.9	0.0	1.0	32.3	43.5		PEAK
4	135.500	20.7	12.3	0.0	1.0	34.0	43.5		PEAK
5	150.200	15.2	11.1	0.0	1.0	27.3	43.5		PEAK
6	322.600	17.7	14.6	0.0	1.5	33.8	46.0		QP
7	325.000	22.2	14.7	0.0	1.5	38.4	46.0		QP

Verified By: *Mark E. Longino*



Data Page

VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 806  
Serial Number : 1087  
Operating Mode : Tx @ 2445MHz  
DUT Test Side :  
Antenna Pol. : Horizontal  
Notes : STEWARD HF BEAD ON PoE  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 15, 2010 06:55:32 PM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuv/m]	Limit [dBuV/m]	Excessive	Notes
1	1032.200	23.6	23.8	0.0	2.5	49.9	54.0		AVG
2	1179.500	21.1	24.7	0.0	2.7	48.5	54.0		AVG

Verified By: *Mark E Longquist*



Data Page

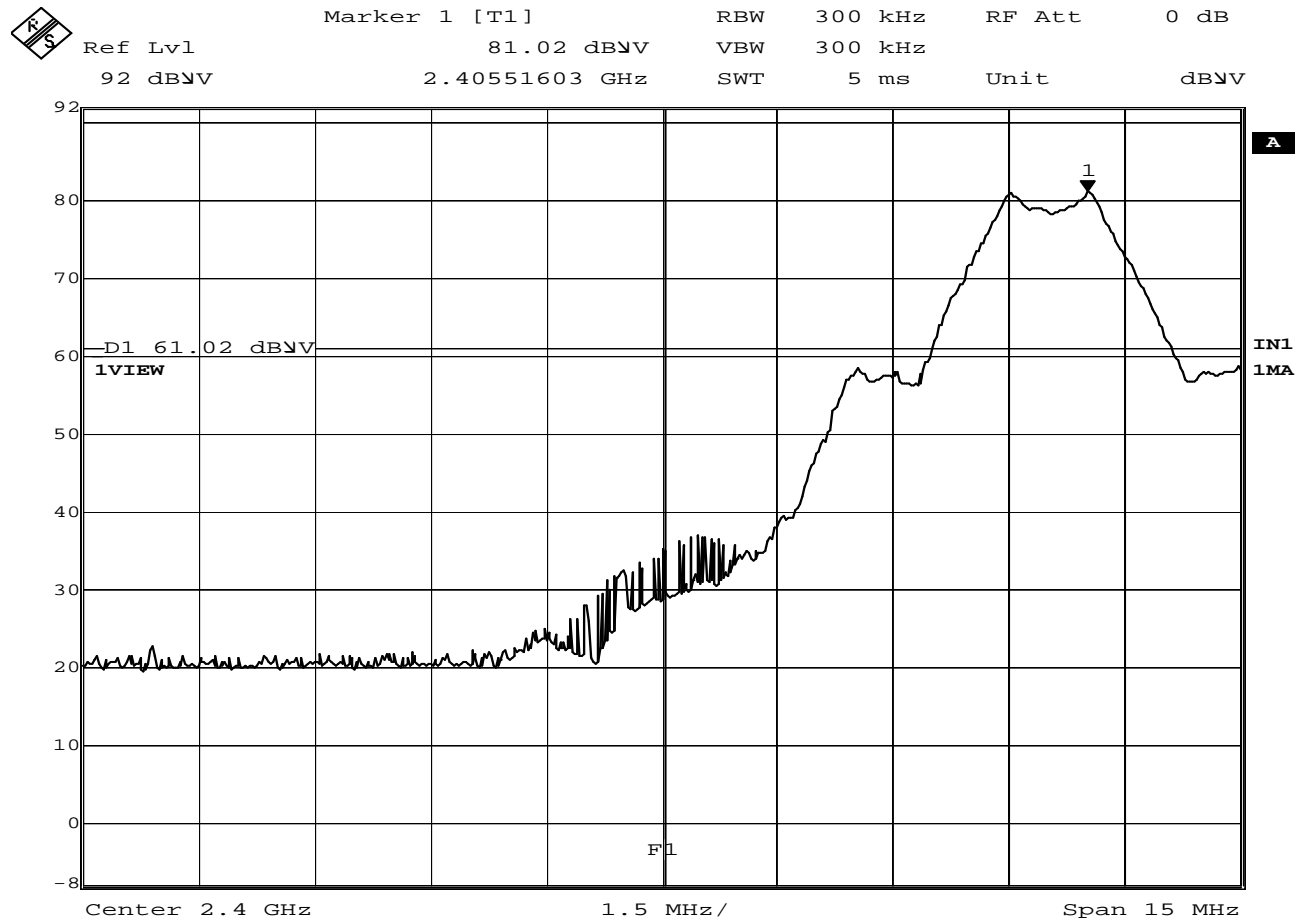
VBP9 01/08/2008

Test : FCC 15B Open Field Radiated Emissions  
Manufacturer : TWISTHINK  
Model : MASTER STATION 806  
Serial Number : 1087  
Operating Mode : Tx @ 2445MHz  
DUT Test Side :  
Antenna Pol. : Vertical  
Notes : STEWARD HF BEAD ON PoE  
Class : B  
Antennas Used : ANT48C (NTA2), ANT48C (NTA2), ANT33D (NWH0)  
Cables Used : CBL2801 (50 ft), CBL2801 (50 ft)  
Test Date : July 15, 2010 06:44:12 PM

Index	Freq [MHz]	Meter Rdg [dBuV]	Ant Factor [dB/m]	Ant Dist Corr [dB]	Cable Loss [dB]	Field [dBuV/m]	Limit [dBuV/m]	Excessive	Notes
1	1032.200	27.5	23.8	0.0	2.5	53.8	54.0		AVG
2	1179.600	22.5	24.7	0.0	2.7	49.9	54.0		AVG

Verified By: *Mark E Longstadt*





Date: 20.JUL.2010 09:58:17

### 15.247(d) Band Edge Compliance

MANUFACTURER : Twistthink  
 MODEL NUMBER : Master Station 801 Filter  
 SERIAL NUMBER : 1082  
 TEST MODE : Tx @ 2405MHz (CH. 11)  
 TEST DATE : July 20, 2010  
 TEST PARAMETERS :  $U_s = +40V$ ,  $R_i = 50\Omega$ ,  $t_d = 100ns$ ,  $t_r = 5ns$ ,  $t_1 = 100us$ ,  $t_4 = 10ms$ , &  $t_5 = 90ms$   
 NOTES : Display Line D1 represents the 20 dB down point from the peak  
 : output power at the fundamental in a 100kHz bandwidth. The display line F1  
 : represents the band edge (2400MHz).  
 EQUIPMENT USED : RBB0, T1N7, T2S8, T2S7



Manufacturer :Twisthink, LLC  
Model No. : Master Station 806 Filter  
Serial No. : 1087  
Mode : Transmit at 2445MHz (Ch. 19)  
Test Specification : FCC 15.249, band edge compliance  
Date : July 7, 2010 and July 14, 2010  
Test Distance : 3 meters  
Note : Peak readings

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Amb	CBL FAC (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 m	Total uV/m at 3m	Limit uV/m at 3m	Margin (dB)
2483.500	H	26.1	Amb	3.8	31.4	0.0	0.0	61.3	1167.0	5000.0
2483.500	V	24.5	Amb	3.8	31.4	0.0	0.0	59.7	970.7	5000.0

Amb = Ambient

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain

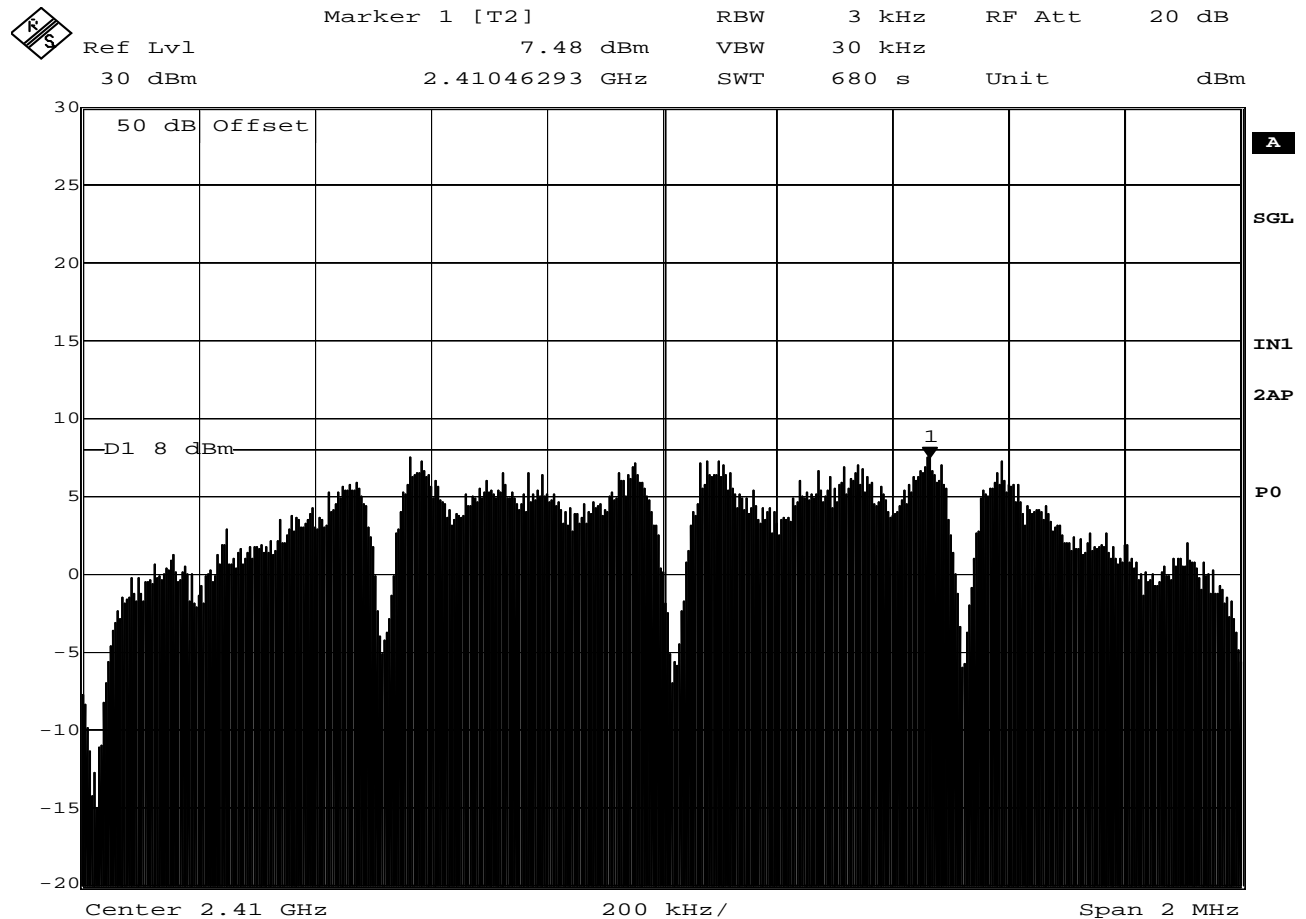


Manufacturer :Twisthink, LLC  
Model No. : Master Station 803 Filter  
Serial No. : 1087  
Mode : Transmit at 2445MHz (Ch. 19)  
Test Specification : FCC 15.249, band edge compliance  
Date : July 7, 2010 and July 14, 2010  
Test Distance : 3 meters  
Note : Average readings

Freq MHz	Ant Pol	Meter Reading dBuV	Amb	Cable Loss dB	Ant Fac dB	Pre Amp Gain dB	Duty Cycle Factor dB	Total dBuV/m	Total uV/m	Limit uV/m	Margin dB
2483.50	H	13.2		3.8	31.4	0.0	-11.8	36.6	67.9	500.0	-17.3
2483.50	V	13.3		3.8	31.4	0.0	-11.8	36.7	68.7	500.0	-17.2

Amb = Ambient

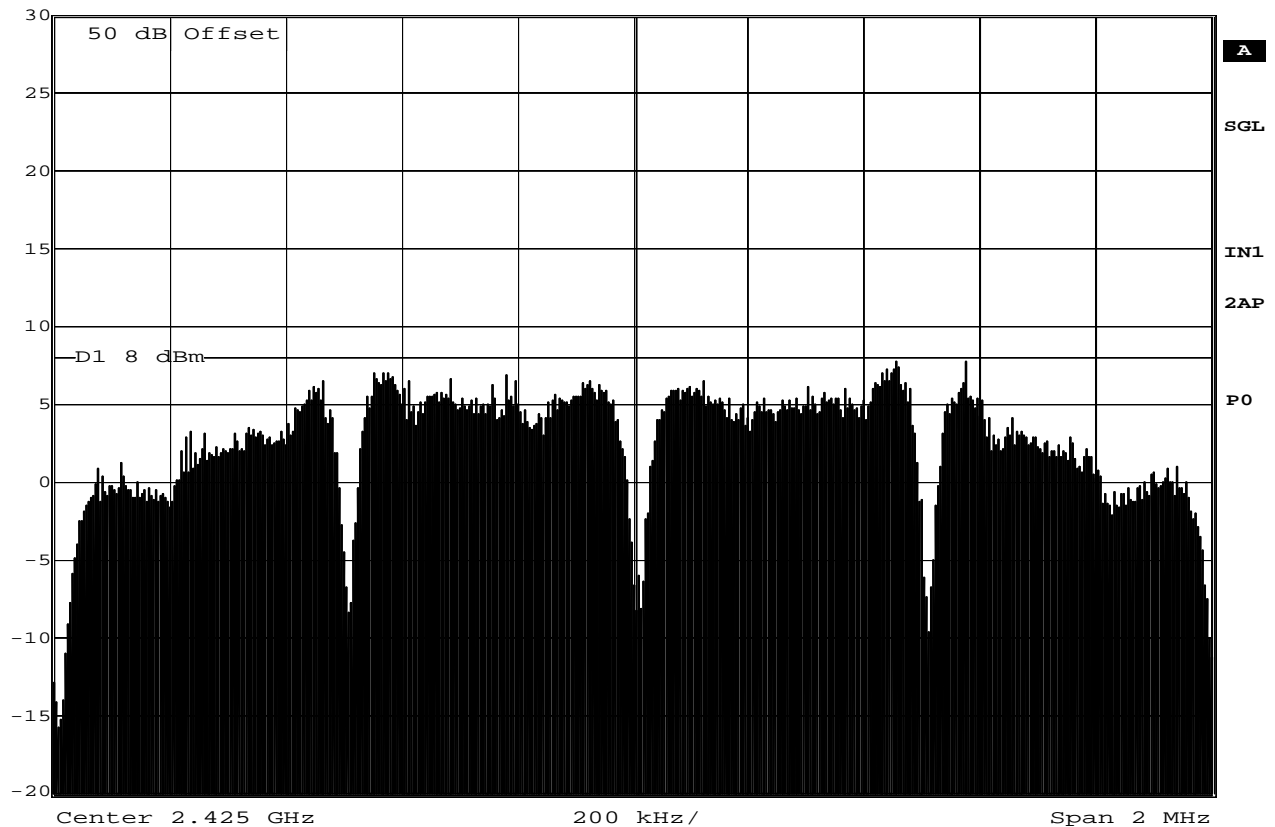
Total = Meter Reading + Cable Loss + Antenna Factor + Pre Amp Gain + Duty Cycle Factor



Date: 14.JUN.2010 11:29:56

**FCC 15.247(e) Power Spectral Density**

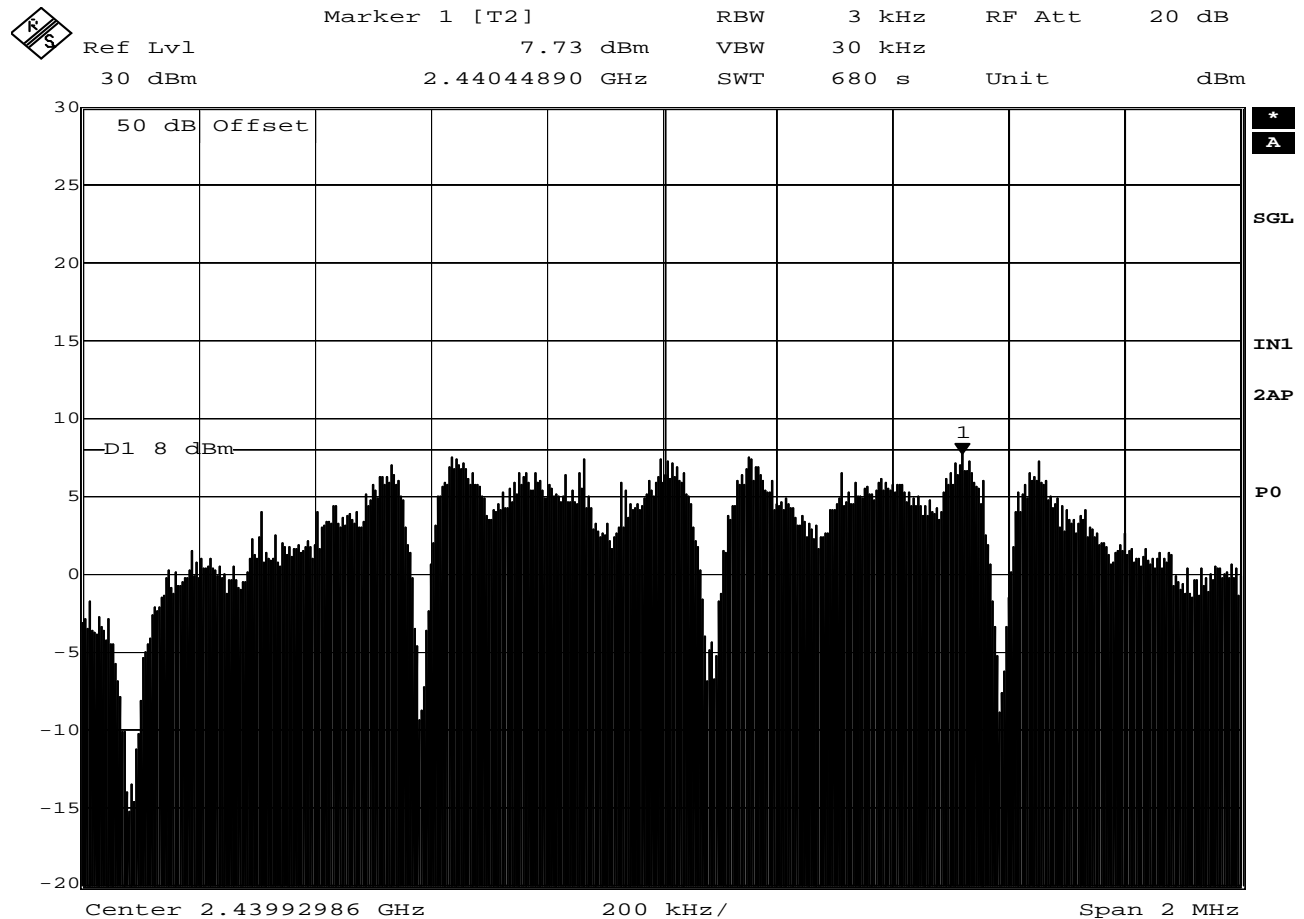
MANUFACTURER : Twisthink  
MODEL NUMBER : Master Station 801 Filter  
SERIAL NUMBER : 1082  
TEST MODE : Tx @ 2.41GHz (Ch. 12)  
TEST DATE : June 14, 2010  
TEST PARAMETERS : Power Spectral Density  
NOTES : Display Line D1 represents the 8dBm PSD limit.  
EQUIPMENT USED : RBB0, T2S7, T2DS, T1N1

Ref Lvl  
30 dBmRBW 3 kHz RF Att 20 dB  
VBW 30 kHz  
SWT 680 s Unit dBm

Date: 14.JUN.2010 11:46:37

**FCC 15.247(e) Power Spectral Density**

MANUFACTURER : Twisthink  
MODEL NUMBER : Master Station 803 Filter  
SERIAL NUMBER : 1085  
TEST MODE : Tx @ 2.425GHz (Ch. 15)  
TEST DATE : June 14, 2010  
TEST PARAMETERS : Power Spectral Density  
NOTES : Display Line D1 represents the 8dBm PSD limit.  
EQUIPMENT USED : RBB0, T2S7, T2DS, T1N1



Date: 14.JUN.2010 11:08:09

**FCC 15.247(e) Power Spectral Density**

MANUFACTURER : Twisthink  
MODEL NUMBER : Master Station 806 Filter  
SERIAL NUMBER : 1087  
TEST MODE : Tx @ 2.4399GHz (Ch. 18)  
TEST DATE : June 14, 2010  
TEST PARAMETERS : Power Spectral Density  
NOTES : Display Line D1 represents the 8dBm PSD limit.  
EQUIPMENT USED : RBB0, T2S7, T2DS, T1N1