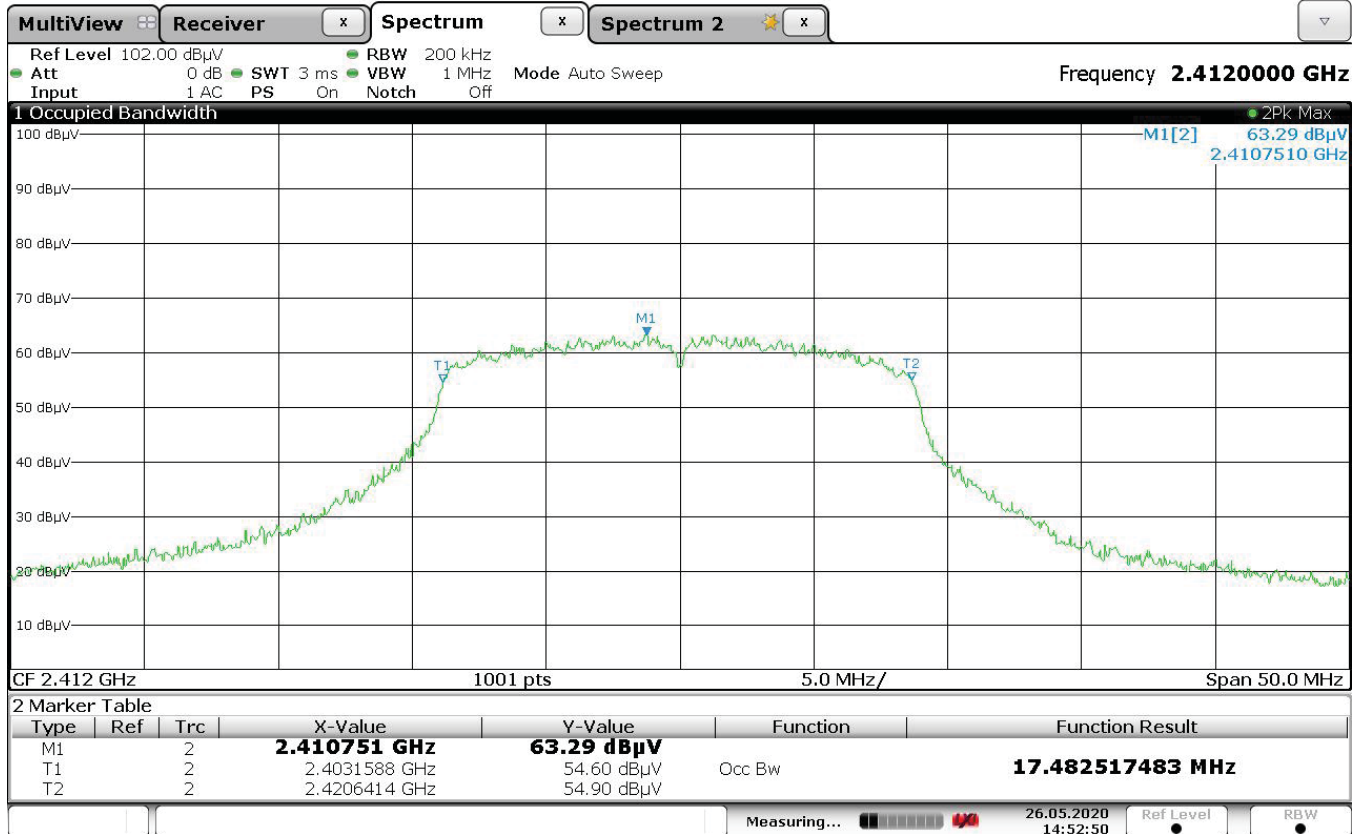
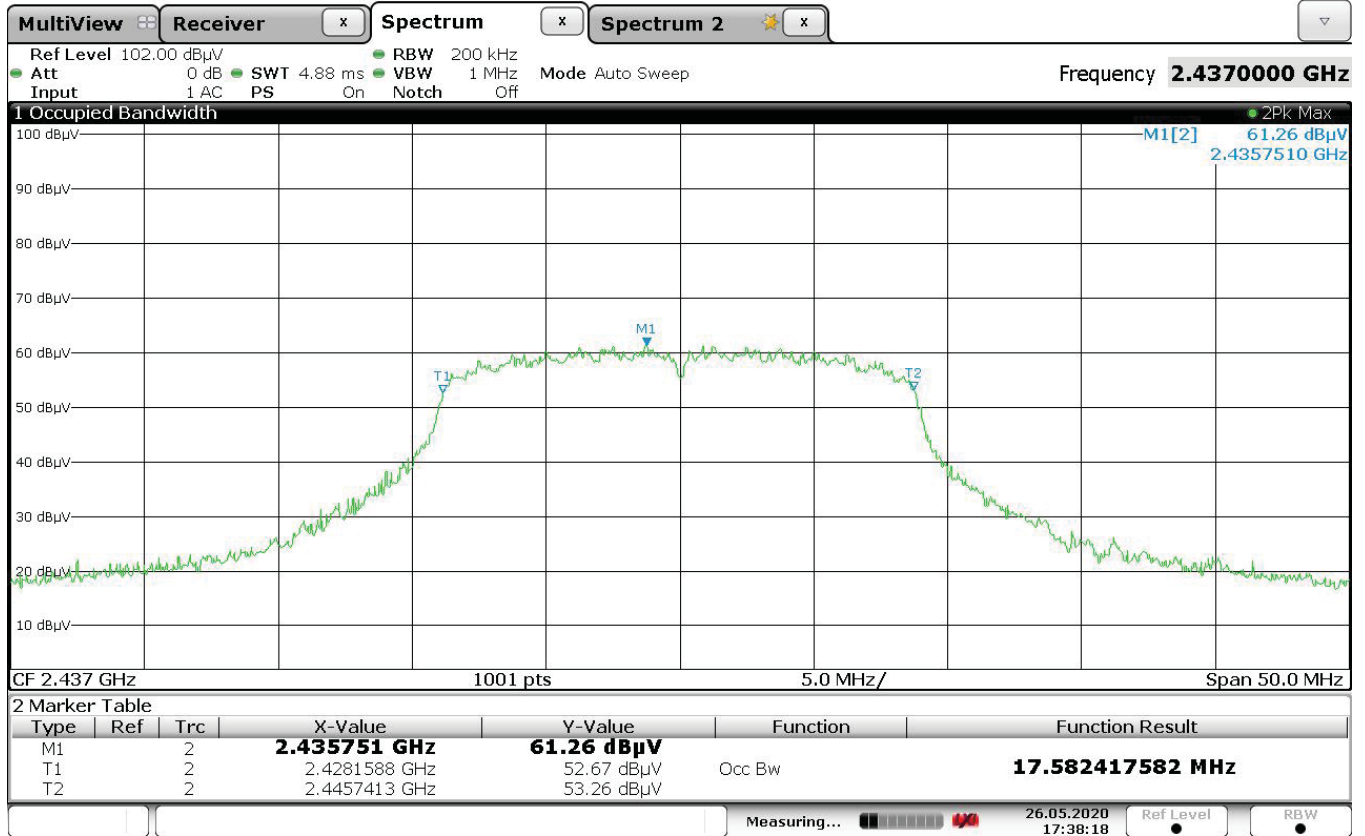


Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz
Parameters	99% Bandwidth = 17.48MHz
Notes	802.11n HT20 MCS0



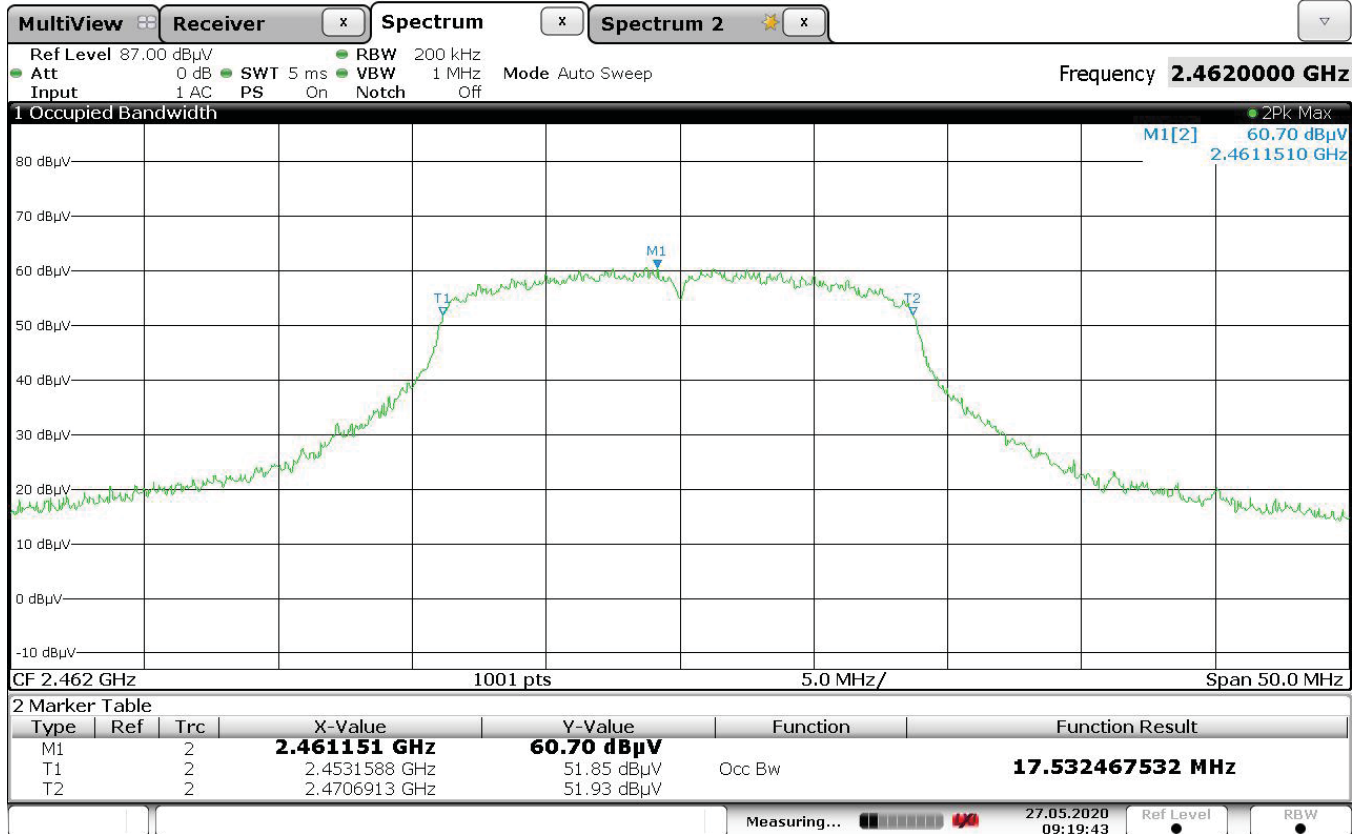
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Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz
Parameters	99% Bandwidth = 17.58MHz
Notes	802.11n HT20 MCS0



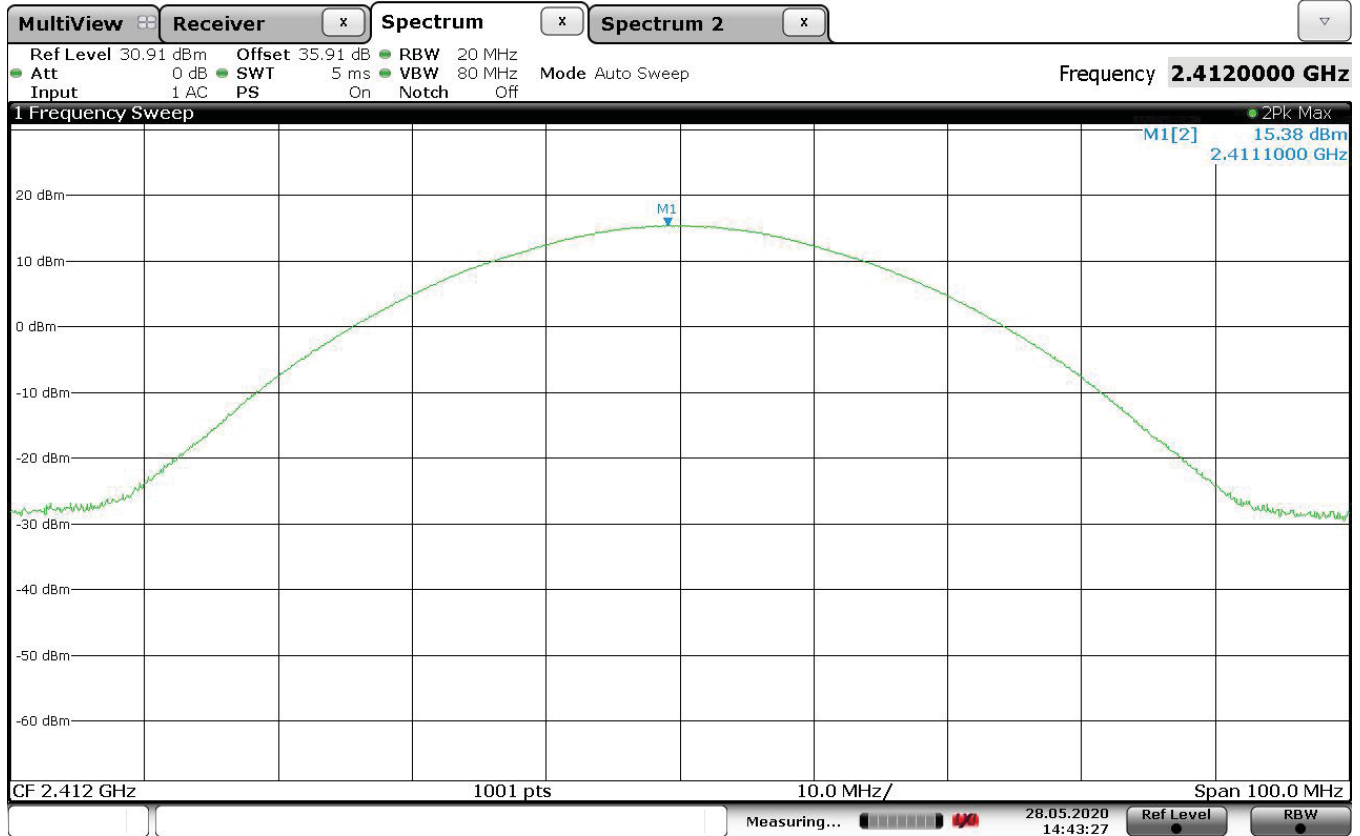
Date: 26.MAY.2020 17:38:18

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz
Parameters	99% Bandwidth = 17.53MHz
Notes	802.11n HT20 MCS0



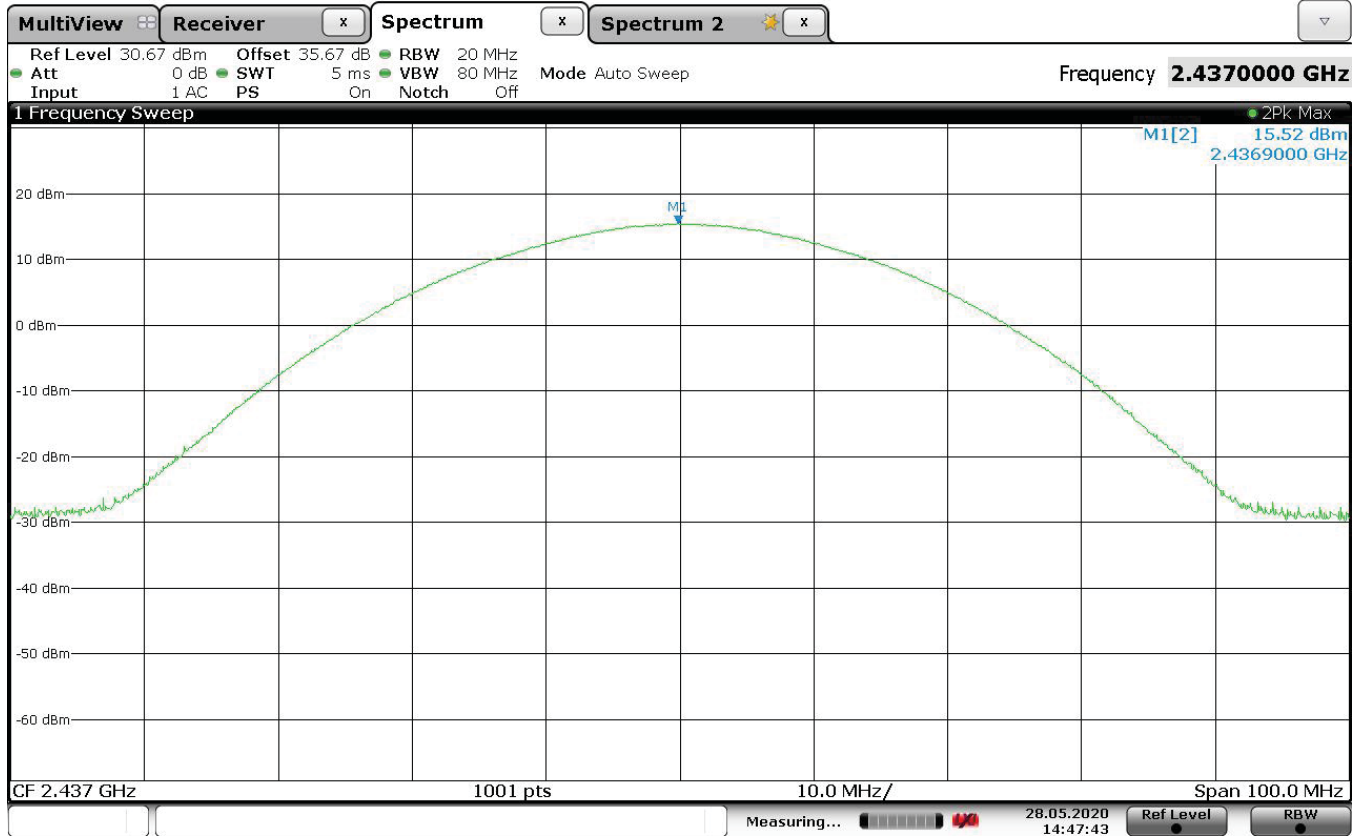
Date: 27.MAY.2020 09:19:43

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz
Parameters	Peak Conducted Output Power = 15.38dBm
Notes	802.11b 1Mbps



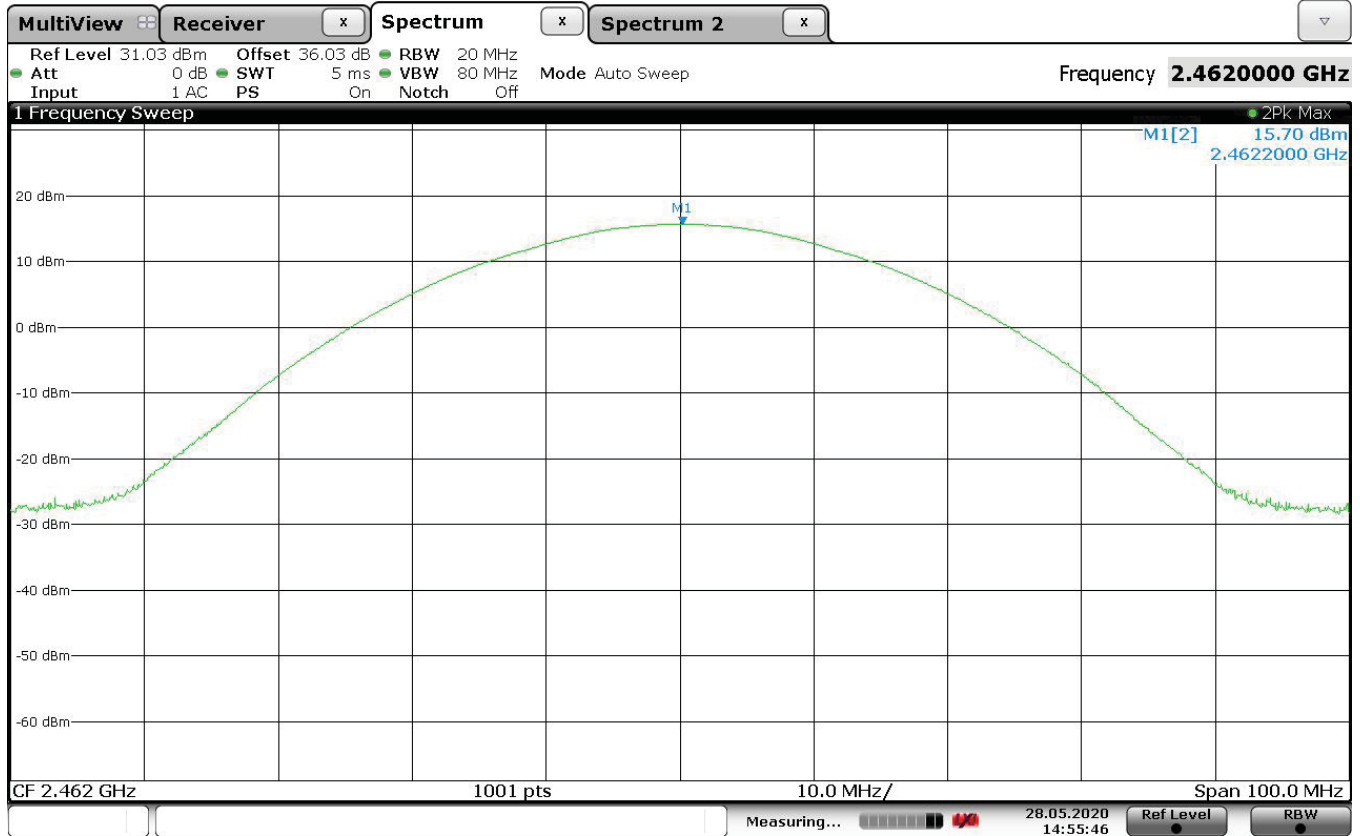
Date: 28.MAY.2020 14:43:27

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz
Parameters	Peak Conducted Output Power = 15.52dBm
Notes	802.11b 1Mbps



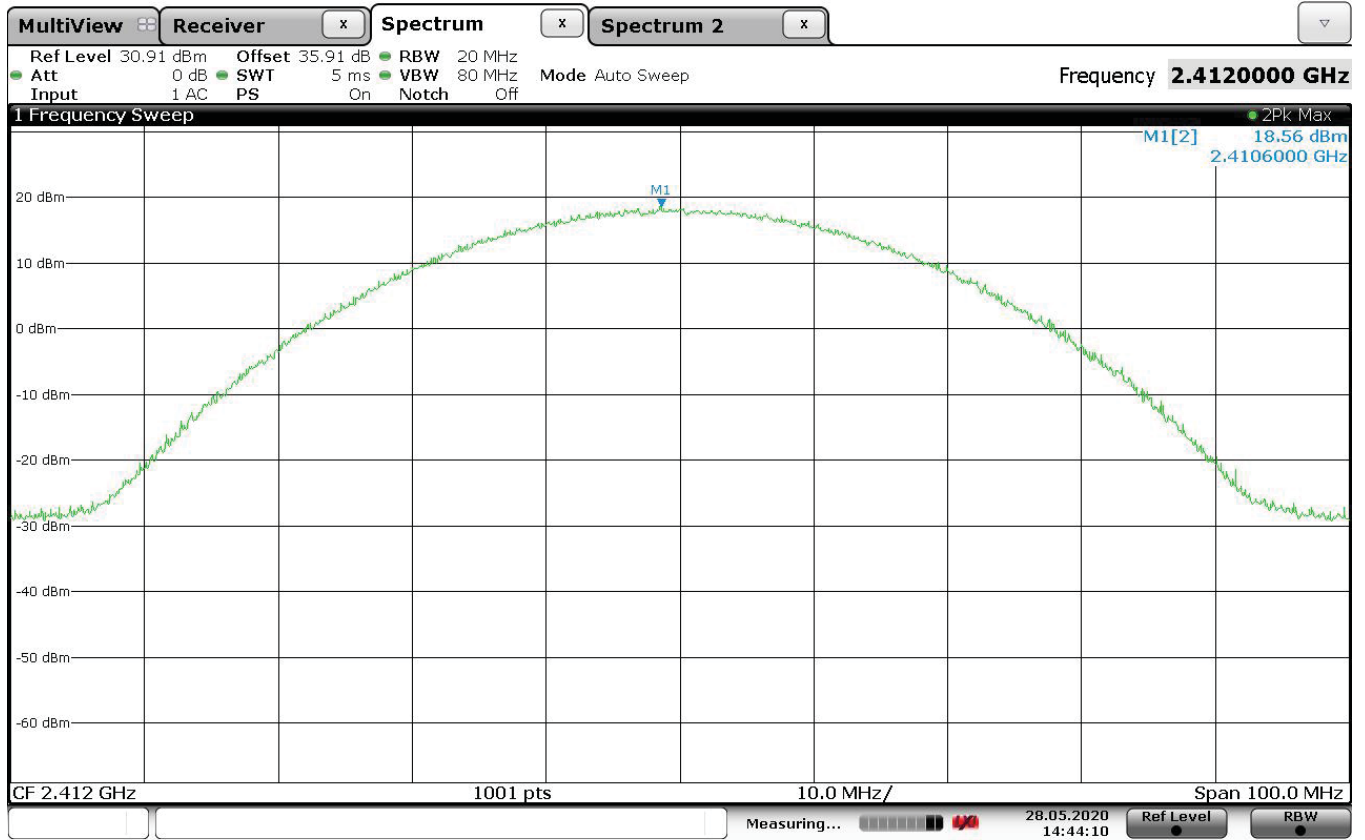
Date: 28.MAY.2020 14:47:43

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz
Parameters	Peak Conducted Output Power = 15.7dBm
Notes	802.11b 1Mbps



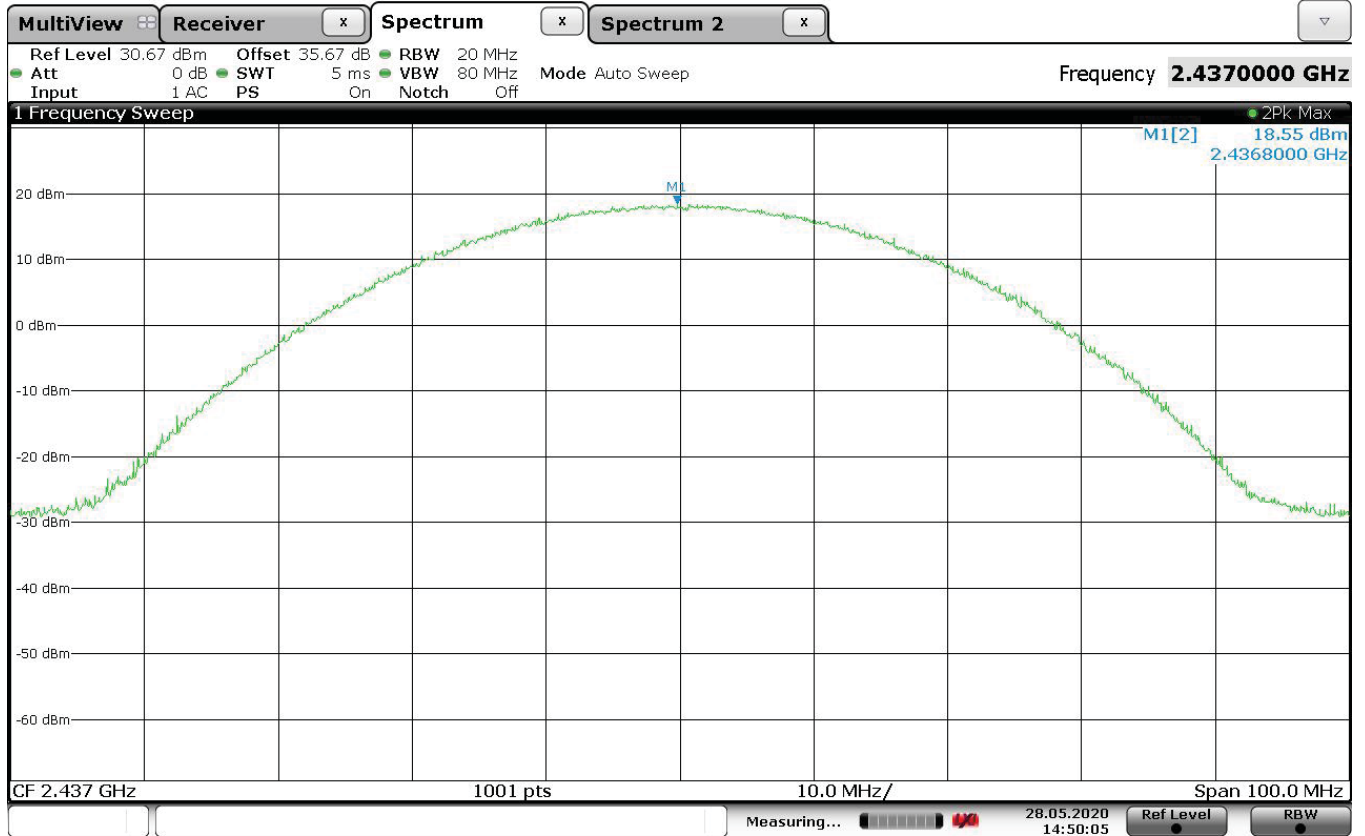
Date: 28.MAY.2020 14:55:46

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz
Parameters	Peak Conducted Output Power = 18.56dBm
Notes	802.11g 6Mbps



Date: 28.MAY.2020 14:44:10

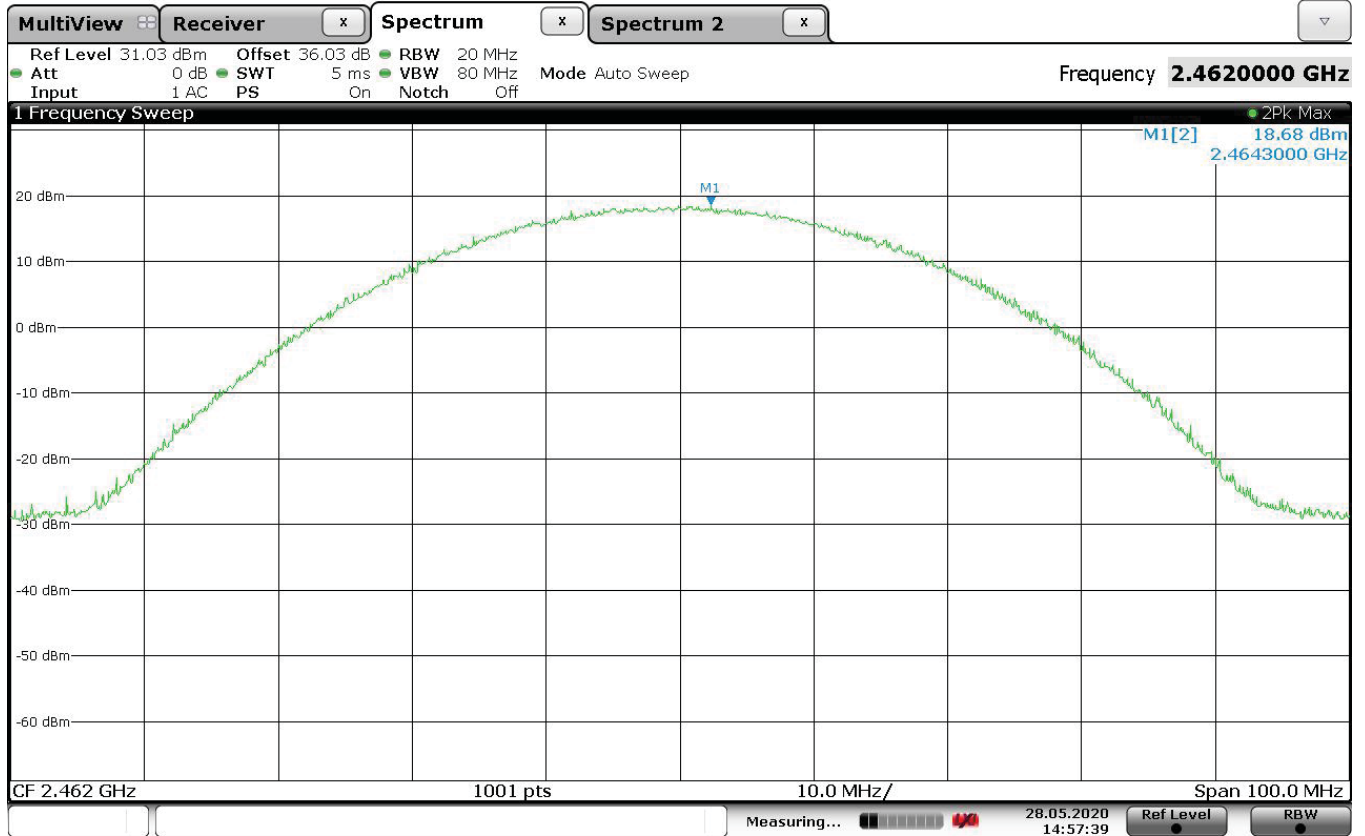
Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz
Parameters	Peak Conducted Output Power = 18.55dBm
Notes	802.11g 6Mbps



Date: 28.MAY.2020 14:50:05

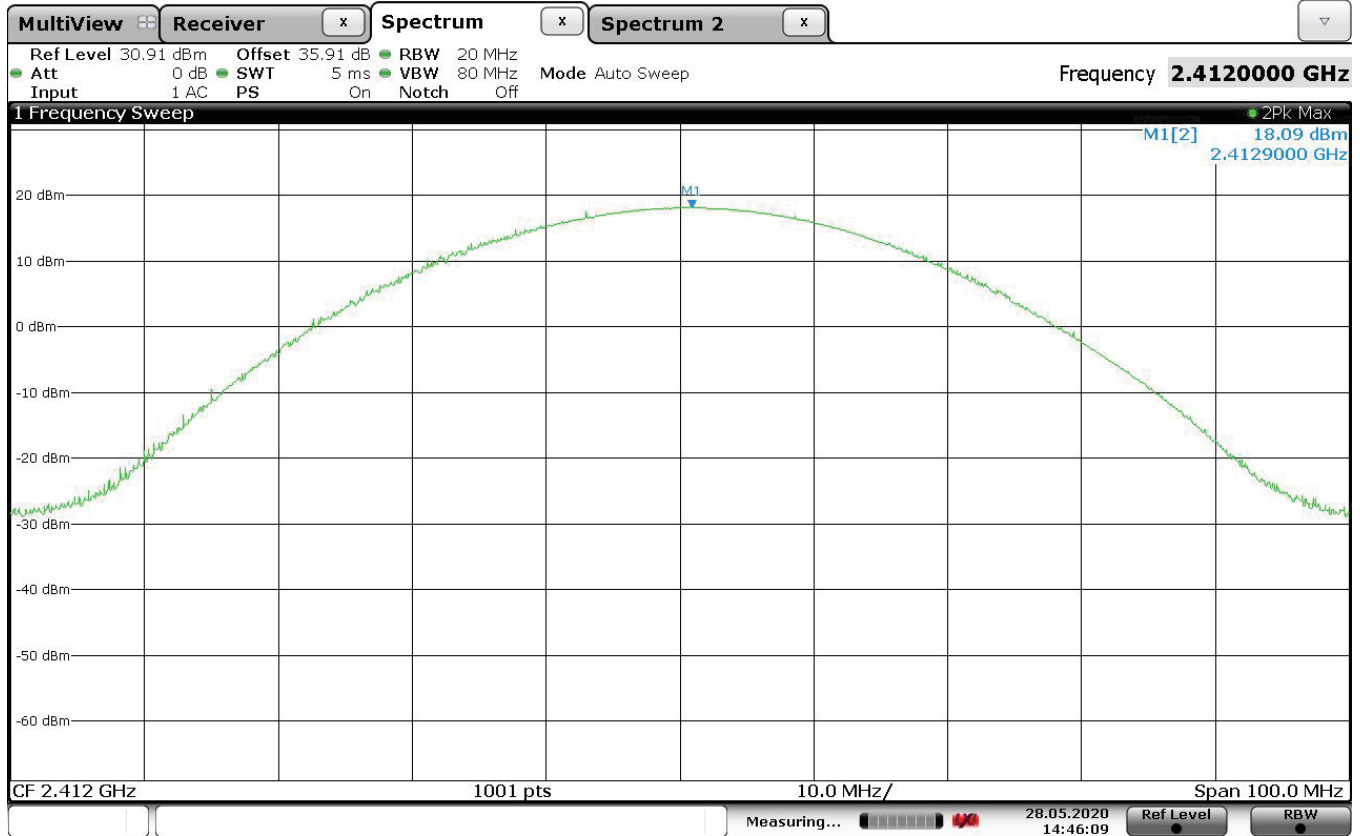


Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz
Parameters	Peak Conducted Output Power = 18.68dBm
Notes	802.11g 6Mbps



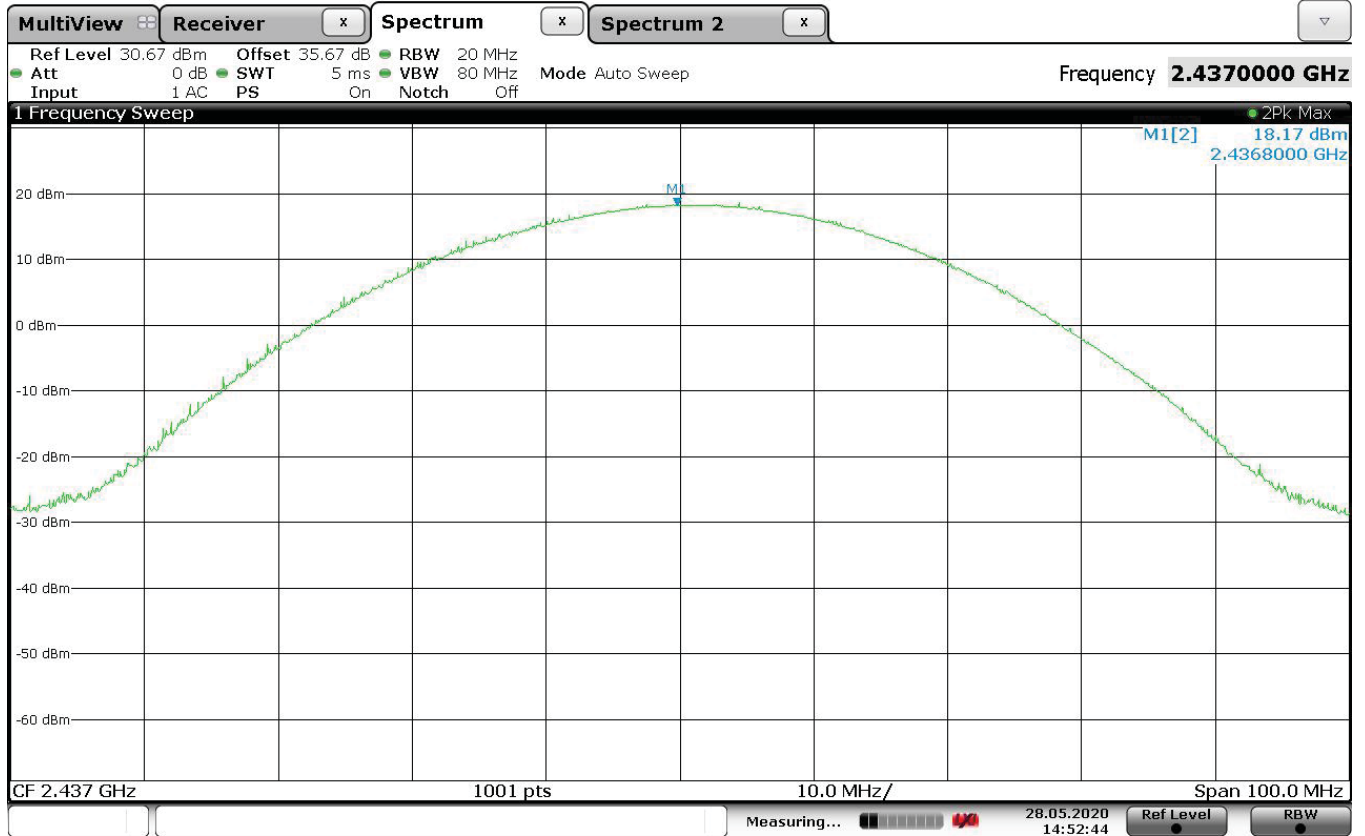
Date: 28.MAY.2020 14:57:40

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz
Parameters	Peak Conducted Output Power = 18.09dBm
Notes	802.11n HT20 MCS0



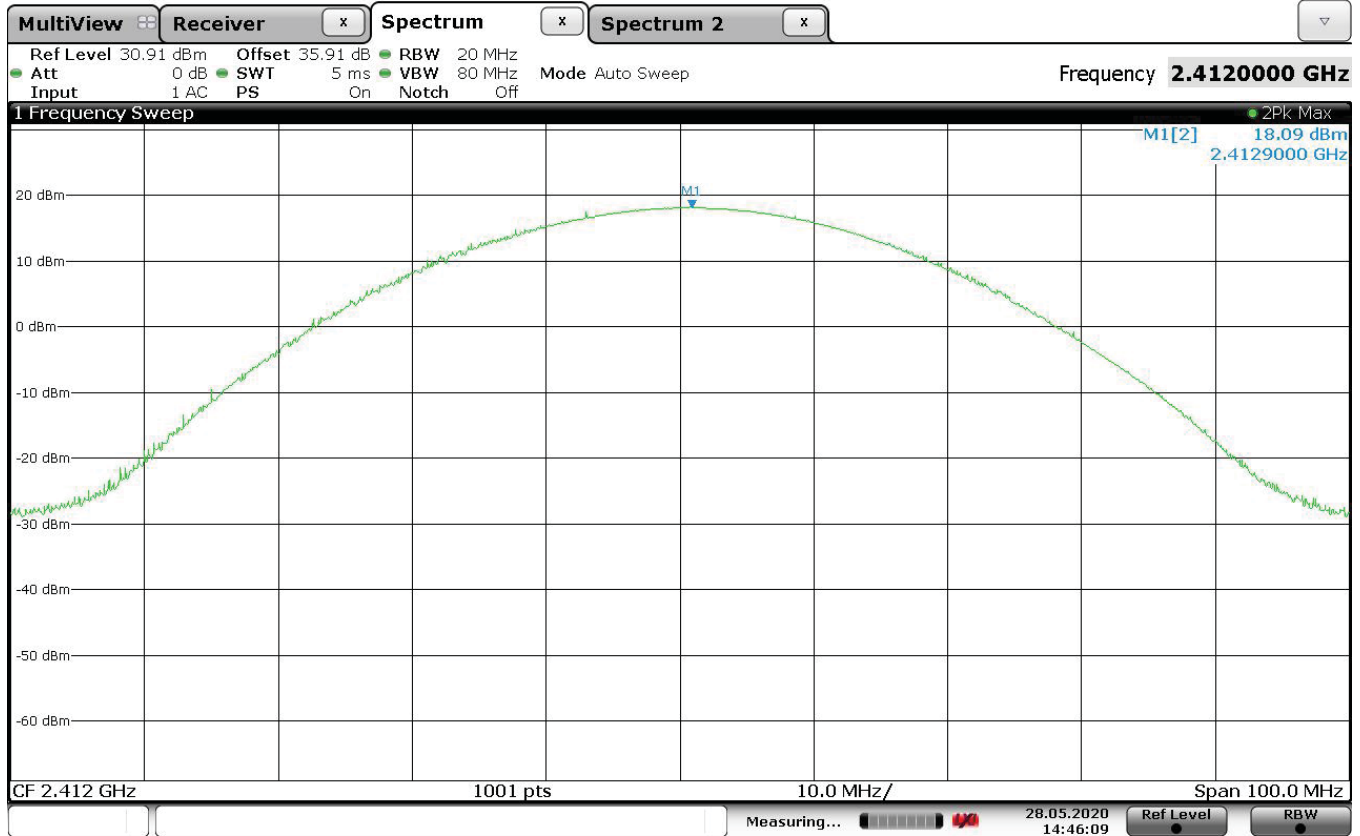
Date: 28.MAY.2020 14:46:09

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz
Parameters	Peak Conducted Output Power = 18.17dBm
Notes	802.11n HT20 MCS0



Date: 28.MAY.2020 14:52:45

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz
Parameters	Peak Conducted Output Power = 18.09dBm
Notes	802.11n HT20 MCS0



Date: 28.MAY.2020 14:46:09

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz
Parameters	EIRP = 18.5dBm
Notes	802.11b 1Mbps

Freq. (MHz)	Ant Pol	Wide BW Meter Reading (dBuV)	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412.00	H	79.0	16.4	5.6	3.4	18.5	36.0	-17.5
2412.00	V	74.8	12.0	5.6	3.4	14.1	36.0	-21.9

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz
Parameters	EIRP = 19.5dBm
Notes	802.11b 1Mbps

Freq. (MHz)	Ant Pol	Wide BW Meter Reading (dBuV)	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2437.00	H	80.1	17.4	5.6	3.5	19.5	36.0	-16.5
2437.00	V	74.8	11.8	5.6	3.5	13.9	36.0	-22.1

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz
Parameters	EIRP = 18.4dBm
Notes	802.11b 1Mbps

Freq. (MHz)	Ant Pol	Wide BW Meter Reading (dBuV)	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2462.00	H	79.4	16.3	5.6	3.5	18.4	36.0	-17.6
2462.00	V	76.2	13.3	5.6	3.5	15.4	36.0	-20.6

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz
Parameters	EIRP = 23.9dBm
Notes	802.11g 6Mbps

Freq. (MHz)	Ant Pol	Wide BW Meter Reading (dBuV)	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412.00	H	84.4	21.8	5.6	3.4	23.9	36.0	-12.1
2412.00	V	73.7	10.9	5.6	3.4	13.0	36.0	-23.0



Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz
Parameters	EIRP = 21.7dBm
Notes	802.11g 6Mbps

Freq. (MHz)	Ant Pol	Wide BW Meter Reading (dBuV)	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2437.00	H	82.3	19.6	5.6	3.5	21.7	36.0	-14.3
2437.00	V	73.7	30.7	5.6	3.5	32.8	36.0	-3.2

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz
Parameters	EIRP = 21.2dBm
Notes	802.11g 6Mbps

Freq. (MHz)	Ant Pol	Wide BW Meter Reading (dBuV)	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2462.00	H	82.2	19.1	5.6	3.5	21.2	36.0	-14.8
2462.00	V	73.5	10.6	5.6	3.5	12.7	36.0	-23.3

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz
Parameters	EIRP = 23dBm
Notes	802.11n HT20 MCS0

Freq. (MHz)	Ant Pol	Wide BW Meter Reading (dBuV)	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412.00	H	83.5	20.9	5.6	3.4	23.0	36.0	-13.0
2412.00	V	76.7	13.9	5.6	3.4	16.0	36.0	-20.0

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz
Parameters	EIRP = 20.9dBm
Notes	802.11n HT20 MCS0

Freq. (MHz)	Ant Pol	Wide BW Meter Reading (dBuV)	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2437.00	H	81.5	18.8	5.6	3.5	20.9	36.0	-15.1
2437.00	V	77.4	14.4	5.6	3.5	16.5	36.0	-19.5

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz
Parameters	EIRP = 19.1dBm
Notes	802.11n HT20 MCS0

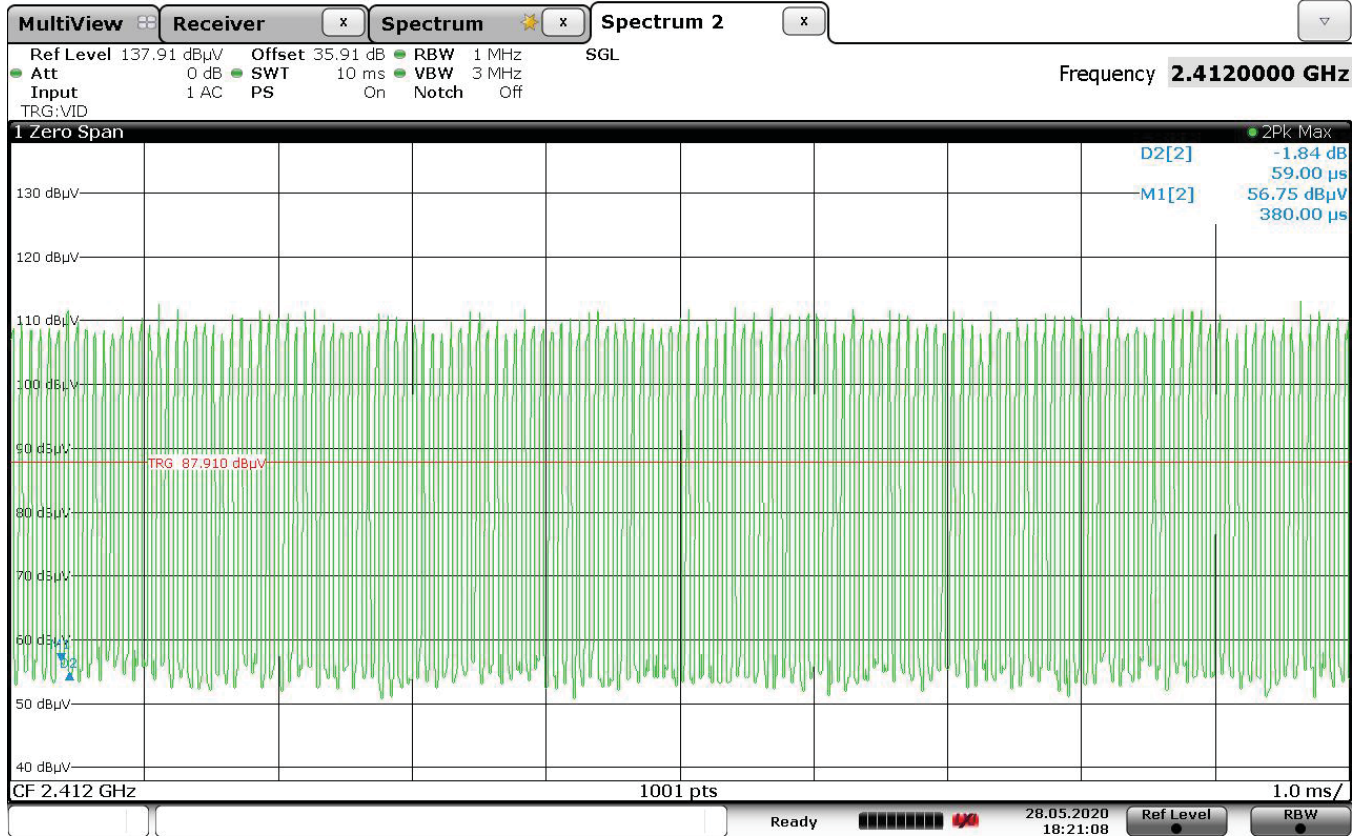
Freq. (MHz)	Ant Pol	Wide BW Meter Reading (dBuV)	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2462.00	H	80.1	17.0	5.6	3.5	19.1	36.0	-16.9
2462.00	V	76.6	13.7	5.6	3.5	15.8	36.0	-20.2

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11g
Parameters	Duty Cycle Factor = -1.06
Notes	1ms



Date: 28.MAY.2020 18:17:47

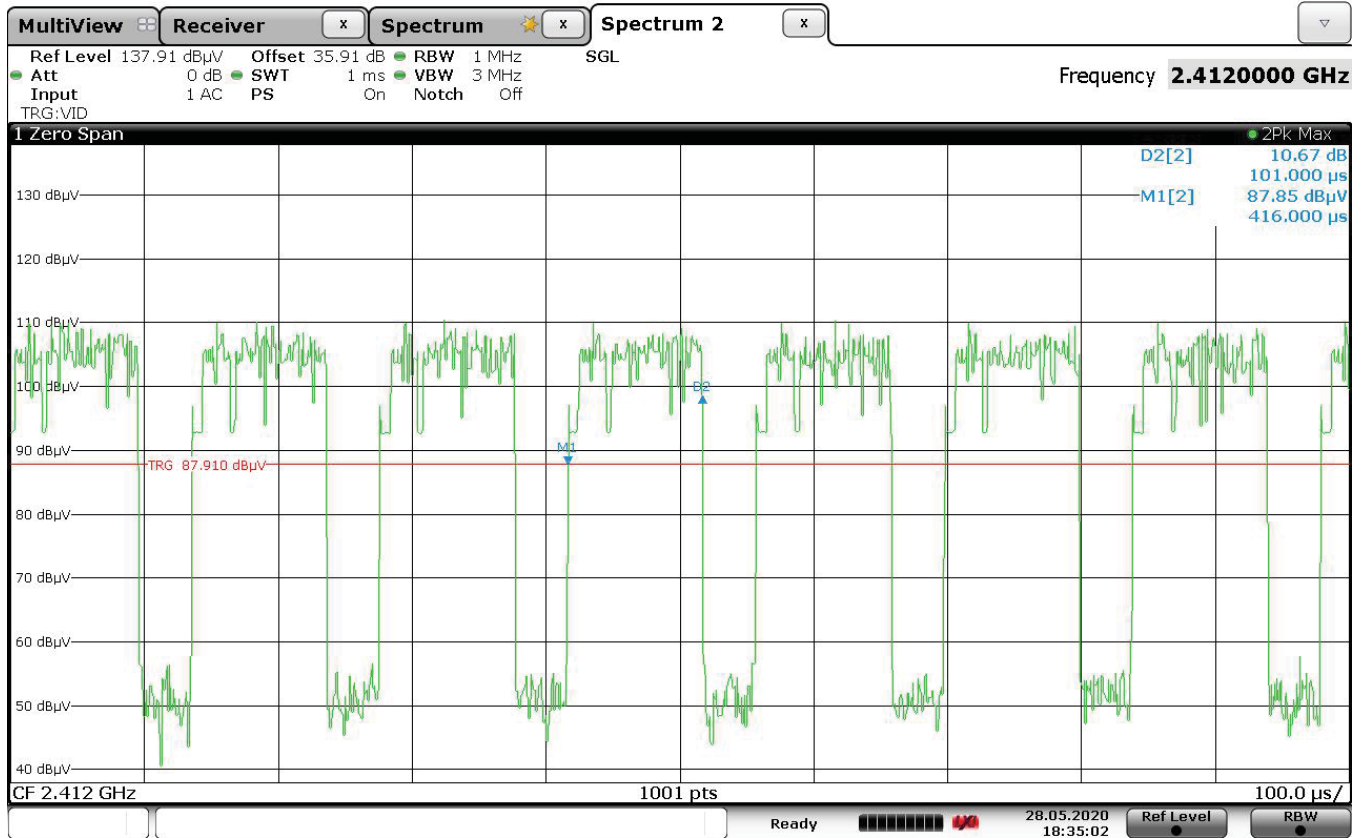
Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11g
Parameters	Duty Cycle Factor = -1.06
Notes	10ms



Date: 28.MAY.2020 18:21:09

$$Duty\ Cycle\ Factor = 20 \times \log\left(\frac{1500 \times 0.059msec}{100msec}\right) = -1.06$$

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11n
Parameters	Duty Cycle Factor = -2.77
Notes	1ms



Date: 28.MAY.2020 18:35:02



Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11n
Parameters	Duty Cycle Factor = -2.77
Notes	10ms



Date: 26.MAY.2020 14:54:36

$$Duty\ Cycle\ Factor = 20 \times \log\left(\frac{720 \times 0.101msec}{100msec}\right) = -2.77$$

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11b 1Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4824.00	H	50.5		3.7	36.8	-39.3	51.7	383.6	5000.0	-22.3
4824.00	V	49.7		3.7	36.8	-39.3	50.8	347.0	5000.0	-23.2
12060.00	H	49.3	*	6.1	41.8	-39.1	58.0	797.1	5000.0	-15.9
12060.00	V	50.1	*	6.1	41.8	-39.1	58.8	871.0	5000.0	-15.2
14472.00	H	48.2	*	6.6	42.1	-38.3	58.6	854.5	5000.0	-15.3
14472.00	V	48.8	*	6.6	42.1	-38.3	59.3	923.0	5000.0	-14.7
19296.00	H	41.5	*	2.2	40.4	-29.1	55.0	560.5	5000.0	-19.0
19296.00	V	41.7	*	2.2	40.4	-29.1	55.2	572.3	5000.0	-18.8

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11b 1Mbps
Parameters	FCC15.247, RSS-247 – Average Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4824.00	H	35.9		3.7	36.8	-39.3	0.0	37.1	71.4	500.0	-16.9
4824.00	V	35.8		3.7	36.8	-39.3	0.0	36.9	70.1	500.0	-17.1
12060.00	H	34.2	*	6.1	41.8	-39.1	0.0	43.0	140.6	500.0	-11.0
12060.00	V	34.3	*	6.1	41.8	-39.1	0.0	43.0	141.3	500.0	-11.0
14472.00	H	34.3	*	6.6	42.1	-38.3	0.0	44.7	172.7	500.0	-9.2
14472.00	V	33.8	*	6.6	42.1	-38.3	0.0	44.3	163.9	500.0	-9.7
19296.00	H	26.6	*	2.2	40.4	-29.1	0.0	40.1	101.5	500.0	-13.8
19296.00	V	25.6	*	2.2	40.4	-29.1	0.0	39.1	90.5	500.0	-14.8

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp + Duty Cycle

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11b 1Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions not in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2412.00	H	67.7		2.6	33.6	0.0	103.9	157069.9		
2412.00	V	63.7		2.6	33.6	0.0	99.9	98649.1		
7236.00	H	42.1		4.7	38.1	-39.4	45.4	186.0	15707.0	-38.5
7236.00	V	44.6		4.7	38.1	-39.4	47.9	249.2	15707.0	-36.0
9648.00	H	39.4	*	5.2	39.2	-39.3	44.5	167.8	15707.0	-39.4
9648.00	V	39.0	*	5.2	39.2	-39.3	44.1	160.6	15707.0	-39.8
16884.00	H	37.6	*	7.2	45.1	-37.5	52.3	413.9	15707.0	-31.6
16884.00	V	37.9	*	7.2	45.1	-37.5	52.6	429.0	15707.0	-31.3
21708.00	H	31.6	*	2.2	40.6	-28.2	46.2	203.5	15707.0	-37.8
21708.00	V	31.3	*	2.2	40.6	-28.2	45.9	196.8	15707.0	-38.0
24120.00	H	31.5	*	2.2	40.6	-27.5	46.8	219.1	15707.0	-37.1
24120.00	V	31.4	*	2.2	40.6	-27.5	46.8	217.8	15707.0	-37.2

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz – 802.11b 1Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4874.00	H	50.3		3.7	36.7	-39.3	51.4	369.7	5000.0	-22.6
4874.00	V	50.4		3.7	36.7	-39.3	51.4	372.7	5000.0	-22.6
7311.00	H	51.5		4.7	38.1	-39.4	54.9	554.3	5000.0	-19.1
7311.00	V	51.4		4.7	38.1	-39.4	54.8	546.7	5000.0	-19.2
12185.00	H	49.0	*	6.1	41.8	-39.1	57.8	772.3	5000.0	-16.2
12185.00	V	49.5	*	6.1	41.8	-39.1	58.3	824.6	5000.0	-15.7
19496.00	H	41.0	*	2.2	40.4	-29.0	54.6	537.0	5000.0	-19.4
19496.00	V	42.3	*	2.2	40.4	-29.0	55.9	624.5	5000.0	-18.1

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz – 802.11b 1Mbps
Parameters	FCC15.247, RSS-247 – Average Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4874.00	H	35.9		3.7	36.7	-39.3	0.0	36.9	69.9	500.0	-17.1
4874.00	V	35.4		3.7	36.7	-39.3	0.0	36.4	66.2	500.0	-17.6
7311.00	H	38.11		4.7	38.1	-39.4	0.0	41.5	118.6	500.0	-12.5
7311.00	V	38.7		4.7	38.1	-39.4	0.0	42.0	126.3	500.0	-12.0
12185.00	H	33.9	*	6.1	41.8	-39.1	0.0	42.7	135.8	500.0	-11.3
12185.00	V	33.9	*	6.1	41.8	-39.1	0.0	42.6	135.4	500.0	-11.3
19496.00	H	24.7	*	2.2	40.4	-29.0	0.0	38.3	81.9	500.0	-15.7
19496.00	V	24.8	*	2.2	40.4	-29.0	0.0	38.4	82.9	500.0	-15.6

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp + Duty Cycle

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz – 802.11b 1Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions not in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2437.00	H	69.0		2.6	33.6	0.0	105.2	181046.9		
2437.00	V	63.6		2.6	33.6	0.0	99.8	97227.9		
9748.00	H	38.8	*	5.2	39.4	-39.3	44.1	160.1	18104.7	-41.1
9748.00	V	38.4	*	5.2	39.4	-39.3	43.7	154.0	18104.7	-41.4
14622.00	H	38.3	*	6.7	42.4	-38.2	49.1	284.6	18104.7	-36.1
14622.00	V	38.0	*	6.7	42.4	-38.2	48.8	276.5	18104.7	-36.3
17059.00	H	38.0	*	7.2	45.0	-37.5	52.8	435.6	18104.7	-32.4
17059.00	V	38.7	*	7.2	45.0	-37.5	53.4	469.4	18104.7	-31.7
21933.00	H	31.6	*	2.2	40.6	-28.4	46.0	199.4	18104.7	-39.2
21933.00	V	31.2	*	2.2	40.6	-28.4	45.6	190.2	18104.7	-39.6
24370.00	H	32.0	*	2.2	40.6	-27.3	47.6	238.9	18104.7	-37.6
24370.00	V	32.3	*	2.2	40.6	-27.3	47.9	247.0	18104.7	-37.3

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz – 802.11b 1Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4924.00	H	50.2		3.7	36.8	-39.3	51.4	369.8	5000.0	-22.6
4924.00	V	49.8		3.7	36.8	-39.3	51.0	353.6	5000.0	-23.0
7386.00	H	49.4		4.7	38.1	-39.4	52.8	435.6	5000.0	-21.2
7386.00	V	50.7		4.7	38.1	-39.4	54.1	508.9	5000.0	-19.8
12310.00	H	49.4	*	6.1	41.7	-39.0	58.1	805.0	5000.0	-15.9
12310.00	V	49.0	*	6.1	41.7	-39.0	57.7	768.8	5000.0	-16.3
19696.00	H	42.2	*	2.2	40.4	-28.6	56.2	648.6	5000.0	-17.7
19696.00	V	42.6	*	2.2	40.4	-28.6	56.6	678.4	5000.0	-17.3
22158.00	H	41.6	*	2.2	40.6	-28.5	55.8	618.9	5000.0	-18.1
22158.00	V	42.2	*	2.2	40.6	-28.5	56.5	664.7	5000.0	-17.5

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp



Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz – 802.11b 1Mbps
Parameters	FCC15.247, RSS-247 – Average Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4924.00	H	35.2		3.7	36.8	-39.3	0.0	36.4	65.8	500.0	-17.6
4924.00	V	35.6		3.7	36.8	-39.3	0.0	36.8	69.3	500.0	-17.2
7386.00	H	34.45		4.7	38.1	-39.4	0.0	37.9	78.4	500.0	-16.1
7386.00	V	37.9		4.7	38.1	-39.4	0.0	41.4	117.0	500.0	-12.6
12310.00	H	33.8	*	6.1	41.7	-39.0	0.0	42.5	133.4	500.0	-11.5
12310.00	V	33.9	*	6.1	41.7	-39.0	0.0	42.6	135.6	500.0	-11.3
19696.00	H	25.6	*	2.2	40.4	-28.6	0.0	39.6	95.5	500.0	-14.4
19696.00	V	25.2	*	2.2	40.4	-28.6	0.0	39.3	91.7	500.0	-14.7
22158.00	H	25.4	*	2.2	40.6	-28.5	0.0	39.7	96.2	500.0	-14.3
22158.00	V	26.0	*	2.2	40.6	-28.5	0.0	40.3	103.1	500.0	-13.7

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp + Duty Cycle

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz – 802.11b 1Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions not in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2462.00	H	67.6		2.6	33.6	0.0	103.8	155568.6		
2462.00	V	64.1		2.6	33.6	0.0	100.3	103614.8		
9848.00	H	38.8	*	5.3	39.5	-39.2	44.3	164.7	15556.9	-39.5
9848.00	V	39.1	*	5.3	39.5	-39.2	44.7	171.1	15556.9	-39.2
14772.00	H	37.8	*	6.8	42.6	-38.2	49.0	280.9	15556.9	-34.9
14772.00	V	38.8	*	6.8	42.6	-38.2	50.0	315.5	15556.9	-33.9
17234.00	H	38.0	*	7.3	44.6	-37.7	52.3	412.6	15556.9	-31.5
17234.00	V	37.6	*	7.3	44.6	-37.7	51.9	394.5	15556.9	-31.9
24620.00	H	31.7	*	2.2	40.6	-27.0	47.6	238.9	15556.9	-36.3
24620.00	V	33.0	*	2.2	40.6	-27.0	48.8	276.2	15556.9	-35.0

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11g 6Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4824.00	H	53.4		3.7	36.8	-39.3	54.5	530.7	5000.0	-19.5
4824.00	V	52.7		3.7	36.8	-39.3	53.8	491.3	5000.0	-20.2
12060.00	H	48.1	*	6.1	41.8	-39.1	56.9	696.6	5000.0	-17.1
12060.00	V	48.0	*	6.1	41.8	-39.1	56.7	681.6	5000.0	-17.3
14472.00	H	47.9	*	6.6	42.1	-38.3	58.4	828.3	5000.0	-15.6
14472.00	V	48.1	*	6.6	42.1	-38.3	58.6	853.5	5000.0	-15.4
19296.00	H	42.3	*	2.2	40.4	-29.1	55.8	619.6	5000.0	-18.1
19296.00	V	42.8	*	2.2	40.4	-29.1	56.3	655.5	5000.0	-17.6

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11g 6Mbps
Parameters	FCC15.247, RSS-247 – Average Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4824.00	H	35.3		3.7	36.8	-39.3	1.1	37.5	75.0	500.0	-16.5
4824.00	V	35.4		3.7	36.8	-39.3	1.1	37.5	75.4	500.0	-16.4
12060.00	H	34.2	*	6.1	41.8	-39.1	1.1	44.0	158.9	500.0	-10.0
12060.00	V	34.1	*	6.1	41.8	-39.1	1.1	43.9	156.0	500.0	-10.1
14472.00	H	33.5	*	6.6	42.1	-38.3	1.1	45.1	179.3	500.0	-8.9
14472.00	V	33.6	*	6.6	42.1	-38.3	1.1	45.1	180.0	500.0	-8.9
19296.00	H	25.9	*	2.2	40.4	-29.1	1.1	40.5	105.6	500.0	-13.5
19296.00	V	25.8	*	2.2	40.4	-29.1	1.1	40.3	103.8	500.0	-13.7

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp + Duty Cycle

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11g 6Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions not in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2412.00	H	64.0		2.6	33.6	0.0	100.3	103060.7		
2412.00	V	58.4		2.6	33.6	0.0	94.6	53714.7		
7236.00	H	41.4		4.7	38.1	-39.4	44.7	172.0	10306.1	-35.6
7236.00	V	44.6		4.7	38.1	-39.4	47.9	248.9	10306.1	-32.3
9648.00	H	38.7	*	5.2	39.2	-39.3	43.8	154.8	10306.1	-36.5
9648.00	V	38.8	*	5.2	39.2	-39.3	43.9	156.6	10306.1	-36.4
16884.00	H	37.9	*	7.2	45.1	-37.5	52.7	430.0	10306.1	-27.6
16884.00	V	38.1	*	7.2	45.1	-37.5	52.9	442.5	10306.1	-27.3
21708.00	H	31.8	*	2.2	40.6	-28.2	46.4	208.0	10306.1	-33.9
21708.00	V	31.6	*	2.2	40.6	-28.2	46.2	203.7	10306.1	-34.1
24120.00	H	31.7	*	2.2	40.6	-27.5	47.1	225.7	10306.1	-33.2
24120.00	V	31.3	*	2.2	40.6	-27.5	46.7	215.6	10306.1	-33.6

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz – 802.11g 6Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4874.00	H	50.6		3.7	36.7	-39.3	51.6	380.1	5000.0	-22.4
4874.00	V	50.4		3.7	36.7	-39.3	51.5	374.4	5000.0	-22.5
7311.00	H	52.4		4.7	38.1	-39.4	55.8	613.4	5000.0	-18.2
7311.00	V	51.8		4.7	38.1	-39.4	55.2	575.8	5000.0	-18.8
12185.00	H	49.6	*	6.1	41.8	-39.1	58.4	830.4	5000.0	-15.6
12185.00	V	49.1	*	6.1	41.8	-39.1	57.9	786.6	5000.0	-16.1
19496.00	H	42.2	*	2.2	40.4	-29.0	55.7	611.7	5000.0	-18.2
19496.00	V	43.0	*	2.2	40.4	-29.0	56.5	671.4	5000.0	-17.4

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz – 802.11g 6Mbps
Parameters	FCC15.247, RSS-247 – Average Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4874.00	H	35.3		3.7	36.7	-39.3	1.1	37.4	73.8	500.0	-16.6
4874.00	V	35.2		3.7	36.7	-39.3	1.1	37.3	73.2	500.0	-16.7
7311.00	H	39.03		4.7	38.1	-39.4	1.1	43.5	149.0	500.0	-10.5
7311.00	V	38.4		4.7	38.1	-39.4	1.1	42.8	137.8	500.0	-11.2
12185.00	H	33.7	*	6.1	41.8	-39.1	1.1	43.6	150.9	500.0	-10.4
12185.00	V	34.3	*	6.1	41.8	-39.1	1.1	44.1	160.4	500.0	-9.9
19496.00	H	23.8	*	2.2	40.4	-29.0	1.1	38.5	83.9	500.0	-15.5
19496.00	V	24.6	*	2.2	40.4	-29.0	1.1	39.2	91.3	500.0	-14.8

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp + Duty Cycle

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz – 802.11g 6Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions not in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2437.00	H	61.7		2.6	33.6	0.0	97.9	78666.7		
2437.00	V	57.3		2.6	33.6	0.0	93.5	47183.6		
9748.00	H	39.7	*	5.2	39.4	-39.3	45.0	177.4	7866.7	-32.9
9748.00	V	39.1	*	5.2	39.4	-39.3	44.5	167.1	7866.7	-33.5
14622.00	H	38.3	*	6.7	42.4	-38.2	49.1	286.6	7866.7	-28.8
14622.00	V	37.4	*	6.7	42.4	-38.2	48.3	259.0	7866.7	-29.7
17059.00	H	37.5	*	7.2	45.0	-37.5	52.3	409.8	7866.7	-25.7
17059.00	V	37.6	*	7.2	45.0	-37.5	52.4	415.0	7866.7	-25.6
21933.00	H	31.4	*	2.2	40.6	-28.4	45.8	194.6	7866.7	-32.1
21933.00	V	31.4	*	2.2	40.6	-28.4	45.8	194.0	7866.7	-32.2
24370.00	H	31.5	*	2.2	40.6	-27.3	47.1	225.3	7866.7	-30.9
24370.00	V	32.5	*	2.2	40.6	-27.3	48.1	253.7	7866.7	-29.8



Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz – 802.11g 6Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4924.00	H	51.0		3.7	36.8	-39.3	52.2	407.4	5000.0	-21.8
4924.00	V	50.5		3.7	36.8	-39.3	51.7	383.7	5000.0	-22.3
7386.00	H	49.7		4.7	38.1	-39.4	53.2	455.6	5000.0	-20.8
7386.00	V	50.5		4.7	38.1	-39.4	53.9	497.9	5000.0	-20.0
12310.00	H	48.4	*	6.1	41.7	-39.0	57.1	717.5	5000.0	-16.9
12310.00	V	49.3	*	6.1	41.7	-39.0	58.0	794.9	5000.0	-16.0
19696.00	H	42.4	*	2.2	40.4	-28.6	56.4	660.7	5000.0	-17.6
19696.00	V	43.2	*	2.2	40.4	-28.6	57.2	726.1	5000.0	-16.8
22158.00	H	42.1	*	2.2	40.6	-28.5	56.4	659.3	5000.0	-17.6
22158.00	V	42.4	*	2.2	40.6	-28.5	56.6	677.8	5000.0	-17.4

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz – 802.11g 6Mbps
Parameters	FCC15.247, RSS-247 – Average Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4924.00	H	35.3		3.7	36.8	-39.3	1.1	37.5	75.3	500.0	-16.4
4924.00	V	35.3		3.7	36.8	-39.3	1.1	37.6	75.6	500.0	-16.4
7386.00	H	35.70		4.7	38.1	-39.4	1.1	40.2	102.2	500.0	-13.8
7386.00	V	37.5		4.7	38.1	-39.4	1.1	42.0	125.2	500.0	-12.0
12310.00	H	33.4	*	6.1	41.7	-39.0	1.1	43.2	145.3	500.0	-10.7
12310.00	V	33.4	*	6.1	41.7	-39.0	1.1	43.3	145.5	500.0	-10.7
19696.00	H	24.6	*	2.2	40.4	-28.6	1.1	39.7	96.5	500.0	-14.3
19696.00	V	25.2	*	2.2	40.4	-28.6	1.1	40.3	103.9	500.0	-13.6
22158.00	H	25.4	*	2.2	40.6	-28.5	1.1	40.7	108.5	500.0	-13.3
22158.00	V	26.0	*	2.2	40.6	-28.5	1.1	41.3	116.7	500.0	-12.6

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp + Duty Cycle

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz – 802.11g 6Mbps
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions not in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2462.00	H	62.1		2.6	33.6	0.0	98.3	82304.2		
2462.00	V	58.3		2.6	33.6	0.0	94.6	53446.8		
9848.00	H	38.7	*	5.3	39.5	-39.2	44.3	163.2	8230.4	-34.1
9848.00	V	37.9	*	5.3	39.5	-39.2	43.4	148.2	8230.4	-34.9
14772.00	H	38.1	*	6.8	42.6	-38.2	49.3	290.4	8230.4	-29.0
14772.00	V	37.9	*	6.8	42.6	-38.2	49.0	283.5	8230.4	-29.3
17234.00	H	37.6	*	7.3	44.6	-37.7	51.9	391.3	8230.4	-26.5
17234.00	V	37.3	*	7.3	44.6	-37.7	51.6	378.1	8230.4	-26.8
24620.00	H	32.1	*	2.2	40.6	-27.0	47.9	248.2	8230.4	-30.4
24620.00	V	32.3	*	2.2	40.6	-27.0	48.1	254.0	8230.4	-30.2

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11n HT20 MCS0
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4824.00	H	50.0		3.7	36.8	-39.3	51.1	360.5	5000.0	-22.8
4824.00	V	50.3		3.7	36.8	-39.3	51.5	374.0	5000.0	-22.5
12060.00	H	49.4		6.1	41.8	-39.1	58.1	801.7	5000.0	-15.9
12060.00	V	49.1		6.1	41.8	-39.1	57.8	777.2	5000.0	-16.2
14472.00	H	48.4		6.6	42.1	-38.3	58.9	876.4	5000.0	-15.1
14472.00	V	48.3		6.6	42.1	-38.3	58.8	873.4	5000.0	-15.2
19296.00	H	43.0	*	2.2	40.4	-29.1	56.5	664.7	5000.0	-17.5
19296.00	V	42.9	*	2.2	40.4	-29.1	56.4	663.9	5000.0	-17.5

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11n HT20 MCS0
Parameters	FCC15.247, RSS-247 – Average Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4824.00	H	35.4		3.7	36.8	-39.3	2.8	39.3	92.1	500.0	-14.7
4824.00	V	35.0		3.7	36.8	-39.3	2.8	38.9	87.7	500.0	-15.1
12060.00	H	33.9		6.1	41.8	-39.1	2.8	45.4	186.4	500.0	-8.6
12060.00	V	34.1		6.1	41.8	-39.1	2.8	45.6	190.3	500.0	-8.4
14472.00	H	34.0		6.6	42.1	-38.3	2.8	47.2	230.3	500.0	-6.7
14472.00	V	33.2		6.6	42.1	-38.3	2.8	46.5	210.2	500.0	-7.5
19296.00	H	25.9	*	2.2	40.4	-29.1	2.8	42.2	128.6	500.0	-11.8
19296.00	V	25.8	*	2.2	40.4	-29.1	2.8	42.0	126.4	500.0	-11.9

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp + Duty Cycle

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz – 802.11n HT20 MCS0
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions not in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2412.00	H	61.7		2.6	33.6	0.0	97.9	78269.6		
2412.00	V	58.3		2.6	33.6	0.0	94.6	53467.9		
7236.00	H	42.5		4.7	38.1	-39.4	45.8	195.5	7827.0	-32.1
7236.00	V	44.0		4.7	38.1	-39.4	47.3	232.0	7827.0	-30.6
9648.00	H	39.2		5.2	39.2	-39.3	44.3	164.8	7827.0	-33.5
9648.00	V	40.0		5.2	39.2	-39.3	45.1	179.6	7827.0	-32.8
16884.00	H	37.8		7.2	45.1	-37.5	52.6	425.5	7827.0	-25.3
16884.00	V	38.0		7.2	45.1	-37.5	52.8	435.4	7827.0	-25.1
21708.00	H	31.2	*	2.2	40.6	-28.2	45.8	195.9	7827.0	-32.0
21708.00	V	31.8	*	2.2	40.6	-28.2	46.4	208.5	7827.0	-31.5
24120.00	H	31.1	*	2.2	40.6	-27.5	46.5	210.9	7827.0	-31.4
24120.00	V	31.5	*	2.2	40.6	-27.5	46.9	221.1	7827.0	-31.0

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz – 802.11n HT20 MCS0
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4874.00	H	50.9		3.7	36.7	-39.3	51.9	394.4	5000.0	-22.1
4874.00	V	50.4		3.7	36.7	-39.3	51.4	370.6	5000.0	-22.6
7311.00	H	49.8		4.7	38.1	-39.4	53.2	455.3	5000.0	-20.8
7311.00	V	51.0		4.7	38.1	-39.4	54.4	524.5	5000.0	-19.6
12185.00	H	48.8	*	6.1	41.8	-39.1	57.5	753.0	5000.0	-16.4
12185.00	V	48.3	*	6.1	41.8	-39.1	57.1	717.4	5000.0	-16.9
19496.00	H	41.1	*	2.2	40.4	-29.0	54.7	543.9	5000.0	-19.3
19496.00	V	41.8	*	2.2	40.4	-29.0	55.3	584.8	5000.0	-18.6

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz – 802.11n HT20 MCS0
Parameters	FCC15.247, RSS-247 – Average Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4874.00	H	35.5		3.7	36.7	-39.3	2.8	39.3	91.8	500.0	-14.7
4874.00	V	35.3		3.7	36.7	-39.3	2.8	39.1	90.1	500.0	-14.9
7311.00	H	37.06		4.7	38.1	-39.4	2.8	43.2	144.6	500.0	-10.8
7311.00	V	40.7		4.7	38.1	-39.4	2.8	46.8	218.9	500.0	-7.2
12185.00	H	33.7	*	6.1	41.8	-39.1	2.8	45.3	183.1	500.0	-8.7
12185.00	V	33.7	*	6.1	41.8	-39.1	2.8	45.3	183.8	500.0	-8.7
19496.00	H	23.8	*	2.2	40.4	-29.0	2.8	40.2	102.1	500.0	-13.8
19496.00	V	24.6	*	2.2	40.4	-29.0	2.8	40.9	111.3	500.0	-13.0

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp + Duty Cycle



Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz – 802.11n HT20 MCS0
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions not in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2437.00	H	60.1		2.6	33.6	0.0	96.3	65131.5		
2437.00	V	56.0		2.6	33.6	0.0	92.2	40718.4		
9748.00	H	39.5		5.2	39.4	-39.3	44.8	174.2	6513.1	-31.5
9748.00	V	37.9		5.2	39.4	-39.3	43.2	145.2	6513.1	-33.0
14622.00	H	37.8	*	6.7	42.4	-38.2	48.6	269.9	6513.1	-27.7
14622.00	V	37.0	*	6.7	42.4	-38.2	47.8	246.5	6513.1	-28.4
17059.00	H	37.4	*	7.2	45.0	-37.5	52.1	403.7	6513.1	-24.2
17059.00	V	37.3	*	7.2	45.0	-37.5	52.1	401.9	6513.1	-24.2
21933.00	H	31.0	*	2.2	40.6	-28.4	45.4	185.7	6513.1	-30.9
21933.00	V	31.5	*	2.2	40.6	-28.4	45.9	197.4	6513.1	-30.4
24370.00	H	31.4	*	2.2	40.6	-27.3	47.0	222.7	6513.1	-29.3
24370.00	V	31.9	*	2.2	40.6	-27.3	47.4	235.6	6513.1	-28.8

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz – 802.11n HT20 MCS0
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
4924.00	H	51.0		3.7	36.8	-39.3	52.2	406.0	5000.0	-21.8
4924.00	V	51.1		3.7	36.8	-39.3	52.3	411.1	5000.0	-21.7
7386.00	H	50.5		4.7	38.1	-39.4	53.9	495.6	5000.0	-20.1
7386.00	V	51.5		4.7	38.1	-39.4	54.9	558.6	5000.0	-19.0
12310.00	H	49.1	*	6.1	41.7	-39.0	57.8	777.7	5000.0	-16.2
12310.00	V	48.7	*	6.1	41.7	-39.0	57.4	742.7	5000.0	-16.6
19696.00	H	42.1	*	2.2	40.4	-28.6	56.1	638.3	5000.0	-17.9
19696.00	V	42.3	*	2.2	40.4	-28.6	56.4	657.7	5000.0	-17.6
22158.00	H	42.3	*	2.2	40.6	-28.5	56.6	674.7	5000.0	-17.4
22158.00	V	43.6	*	2.2	40.6	-28.5	57.9	782.7	5000.0	-16.1

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz – 802.11n HT20 MCS0
Parameters	FCC15.247, RSS-247 – Average Radiated Emissions in the Restricted Bands
Notes	

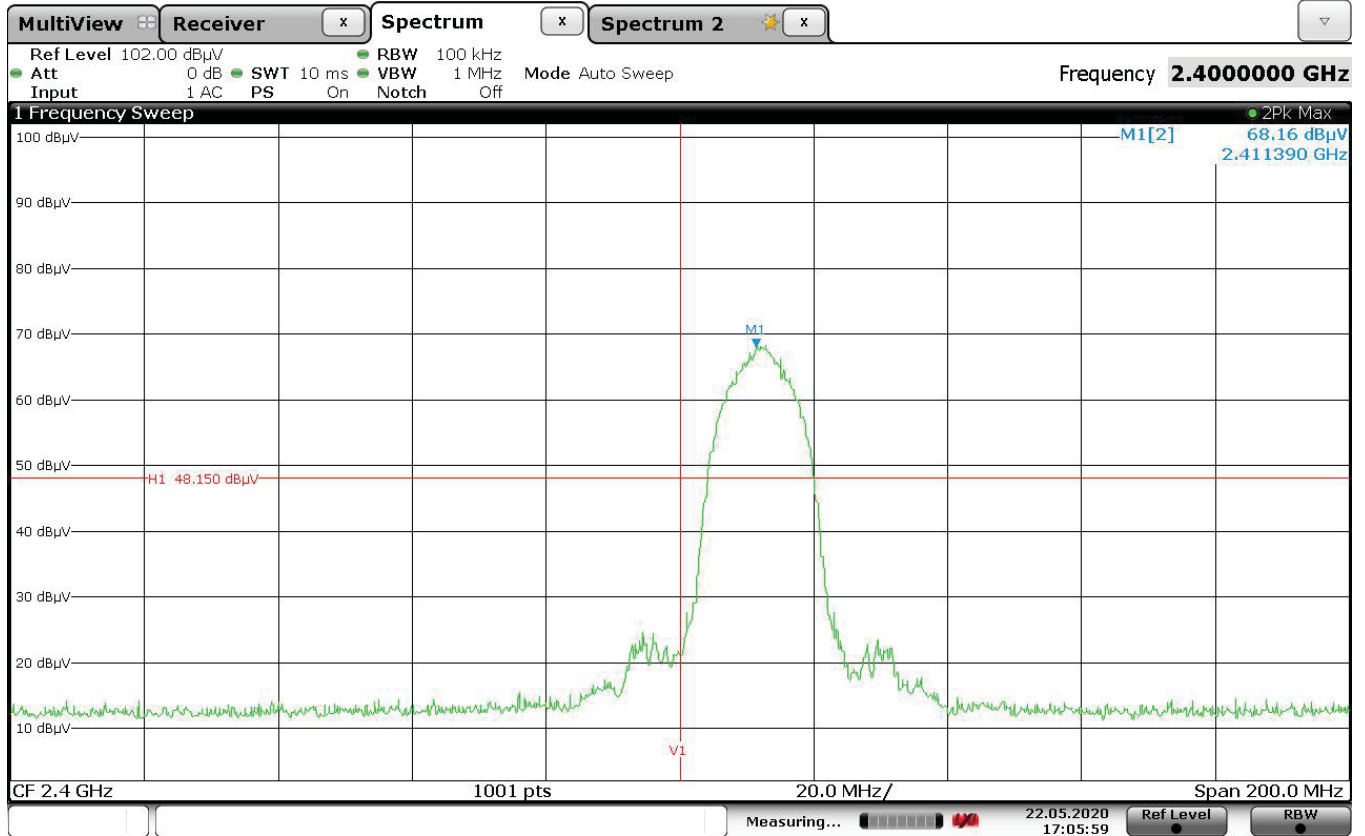
Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
4924.00	H	35.7		3.7	36.8	-39.3	2.8	39.7	96.5	500.0	-14.3
4924.00	V	35.7		3.7	36.8	-39.3	2.8	39.6	95.5	500.0	-14.4
7386.00	H	38.92		4.7	38.1	-39.4	2.8	45.1	180.3	500.0	-8.9
7386.00	V	41.1		4.7	38.1	-39.4	2.8	47.3	232.6	500.0	-6.6
12310.00	H	33.6	*	6.1	41.7	-39.0	2.8	45.1	180.0	500.0	-8.9
12310.00	V	33.5	*	6.1	41.7	-39.0	2.8	45.1	179.2	500.0	-8.9
19696.00	H	24.6	*	2.2	40.4	-28.6	2.8	41.4	117.6	500.0	-12.6
19696.00	V	25.2	*	2.2	40.4	-28.6	2.8	42.0	126.5	500.0	-11.9
22158.00	H	25.3	*	2.2	40.6	-28.5	2.8	42.4	131.3	500.0	-11.6
22158.00	V	26.0	*	2.2	40.6	-28.5	2.8	43.1	142.1	500.0	-10.9

Total (dBuV/m) = Meter Reading + CBL FAC + Ant Fac + Pre Amp + Duty Cycle

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz – 802.11n HT20 MCS0
Parameters	FCC15.247, RSS-247 – Peak Radiated Emissions not in the Restricted Bands
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBUV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2462.00	H	58.8		2.6	33.6	0.0	95.1	56613.7		
2462.00	V	55.2		2.6	33.6	0.0	91.4	37275.4		
9848.00	H	39.1	*	5.3	39.5	-39.2	44.6	170.5	5661.4	-30.4
9848.00	V	39.3	*	5.3	39.5	-39.2	44.9	174.9	5661.4	-30.2
14772.00	H	37.7	*	6.8	42.6	-38.2	48.8	277.0	5661.4	-26.2
14772.00	V	37.9	*	6.8	42.6	-38.2	49.0	282.8	5661.4	-26.0
17234.00	H	37.2	*	7.3	44.6	-37.7	51.5	373.7	5661.4	-23.6
17234.00	V	38.4	*	7.3	44.6	-37.7	52.7	430.6	5661.4	-22.4
24620.00	H	32.3	*	2.2	40.6	-27.0	48.1	253.7	5661.4	-27.0
24620.00	V	33.0	*	2.2	40.6	-27.0	48.8	274.6	5661.4	-26.3

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz 802.11b 1Mbps
Parameters	Band-Edge Compliance – Low Band-Edge
Notes	



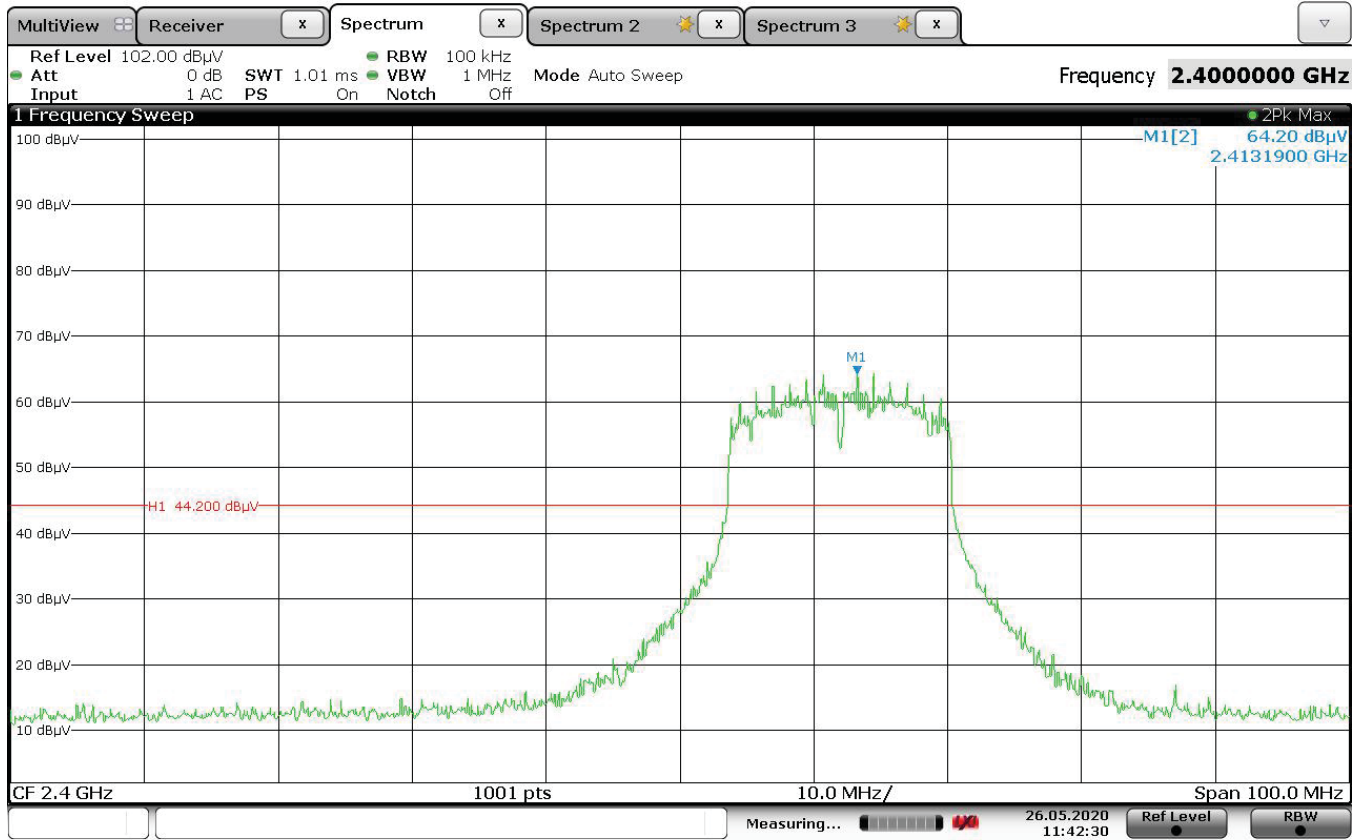
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Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz 802.11b 1Mbps
Parameters	Band-Edge Compliance – High Band-Edge
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2483.50	H	26.3	*	2.7	33.6	0.0	62.6	1347.6	5000.0	-11.4
2483.50	V	25.6	*	2.7	33.6	0.0	61.9	1241.8	5000.0	-12.1

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
2483.50	H	8.0	*	2.7	33.6	0.0	0.0	44.3	164.6	500.0	-9.6
2483.50	V	7.7	*	2.7	33.6	0.0	0.0	44.0	159.1	500.0	-9.9

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz 802.11g 6Mbps
Parameters	Band-Edge Compliance – Low Band-Edge
Notes	



Date: 26.MAY.2020 11:42:30

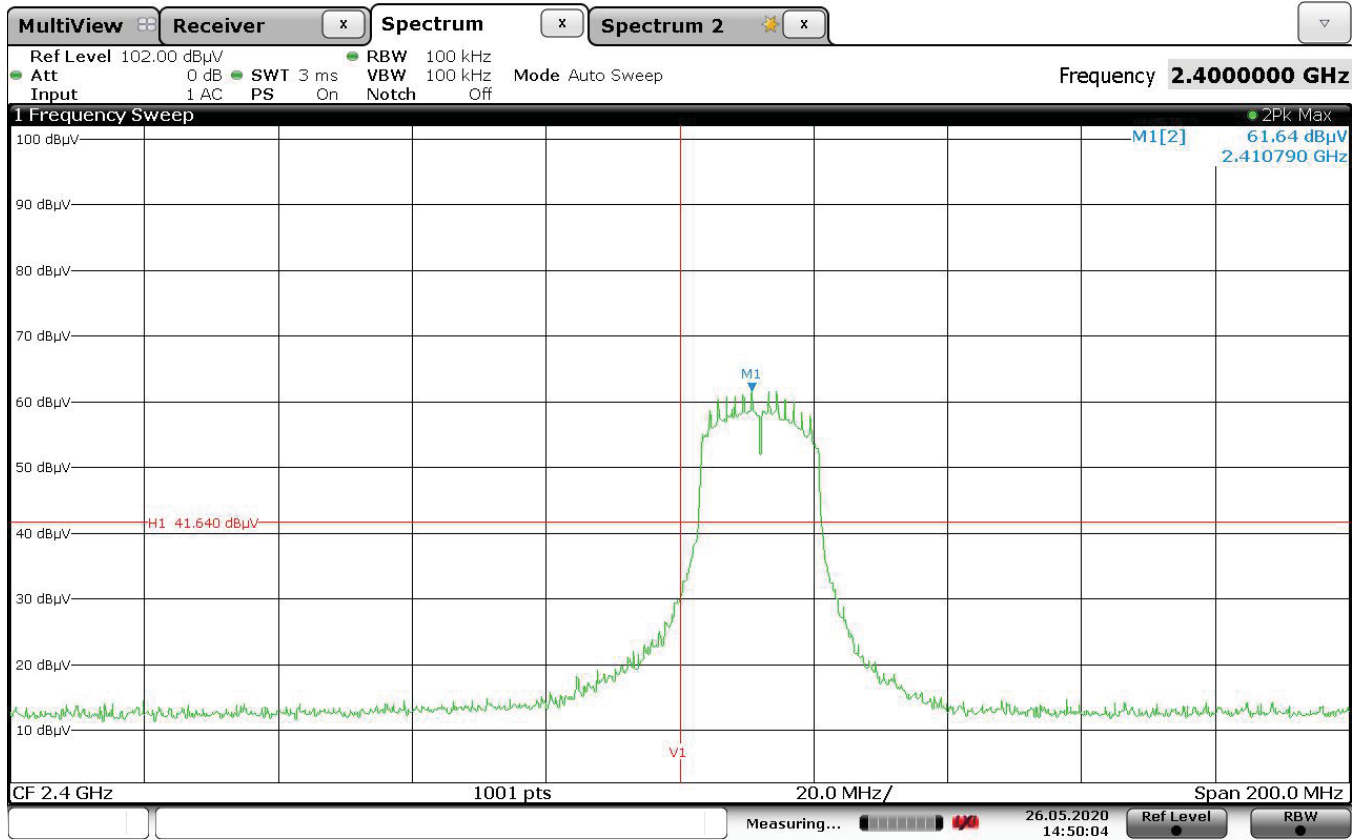
Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz 802.11g 6Mbps
Parameters	Band-Edge Compliance – High Band-Edge
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2483.50	H	26.8	*	2.7	33.6	0.0	63.1	1434.0	5000.0	-10.8
2483.50	V	26.4	*	2.7	33.6	0.0	62.8	1372.7	5000.0	-11.2

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
2483.50	H	8.2	*	2.7	33.6	0.0	1.1	45.5	188.8	500.0	-8.5
2483.50	V	8.0	*	2.7	33.6	0.0	1.1	45.3	185.0	500.0	-8.6



Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz 802.11n HT20 MCS0
Parameters	Band-Edge Compliance – Low Band-Edge
Notes	



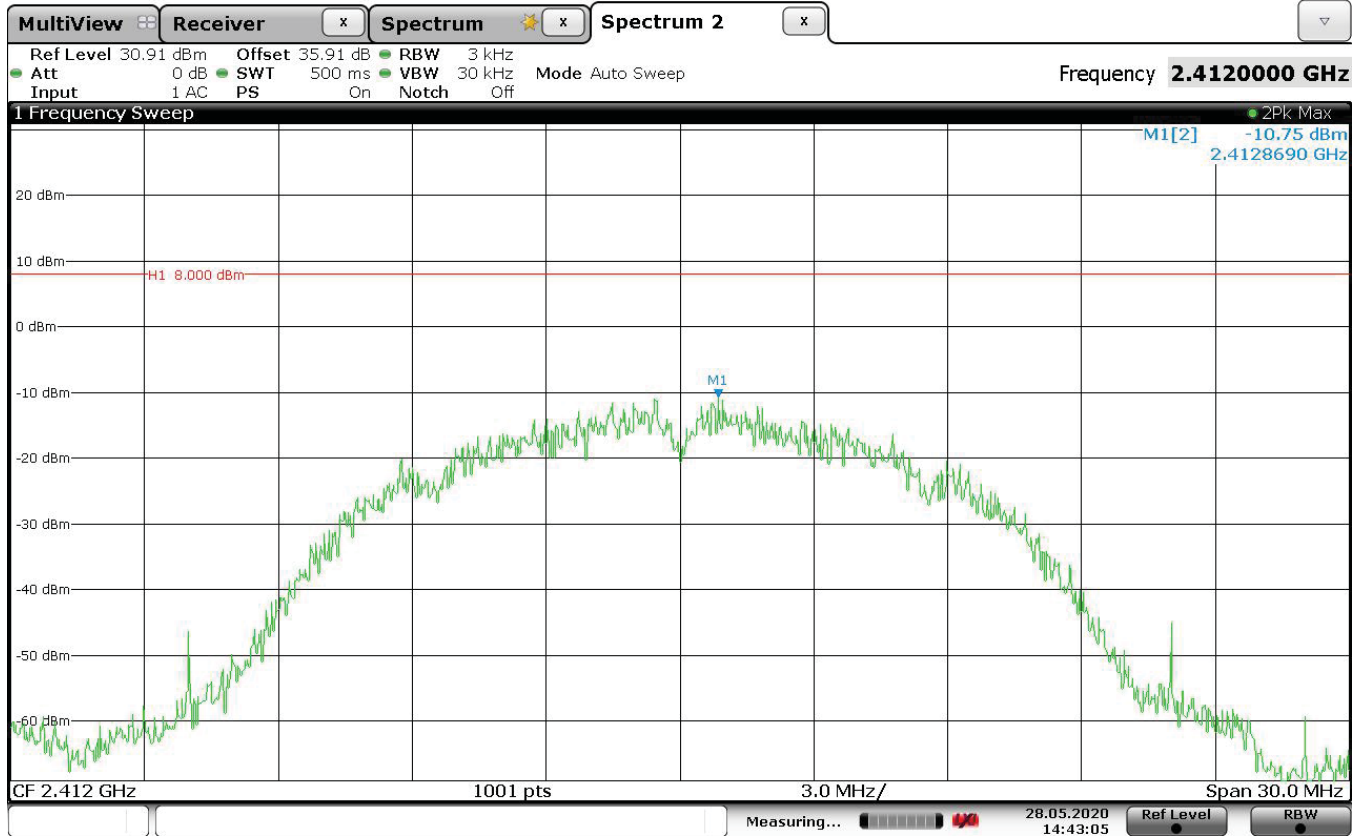
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Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz 802.11n HT20 MCS0
Parameters	Band-Edge Compliance – High Band-Edge
Notes	

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Peak Total dBuV/m at 3m	Peak Total uV/m at 3 m	Peak Limit uV/m at 3 m	Margin (dB)
2483.50	H	30.1	*	2.7	33.6	0.0	66.4	2092.0	5000.0	-7.6
2483.50	V	21.7	*	2.7	33.6	0.0	58.0	791.7	5000.0	-16.0

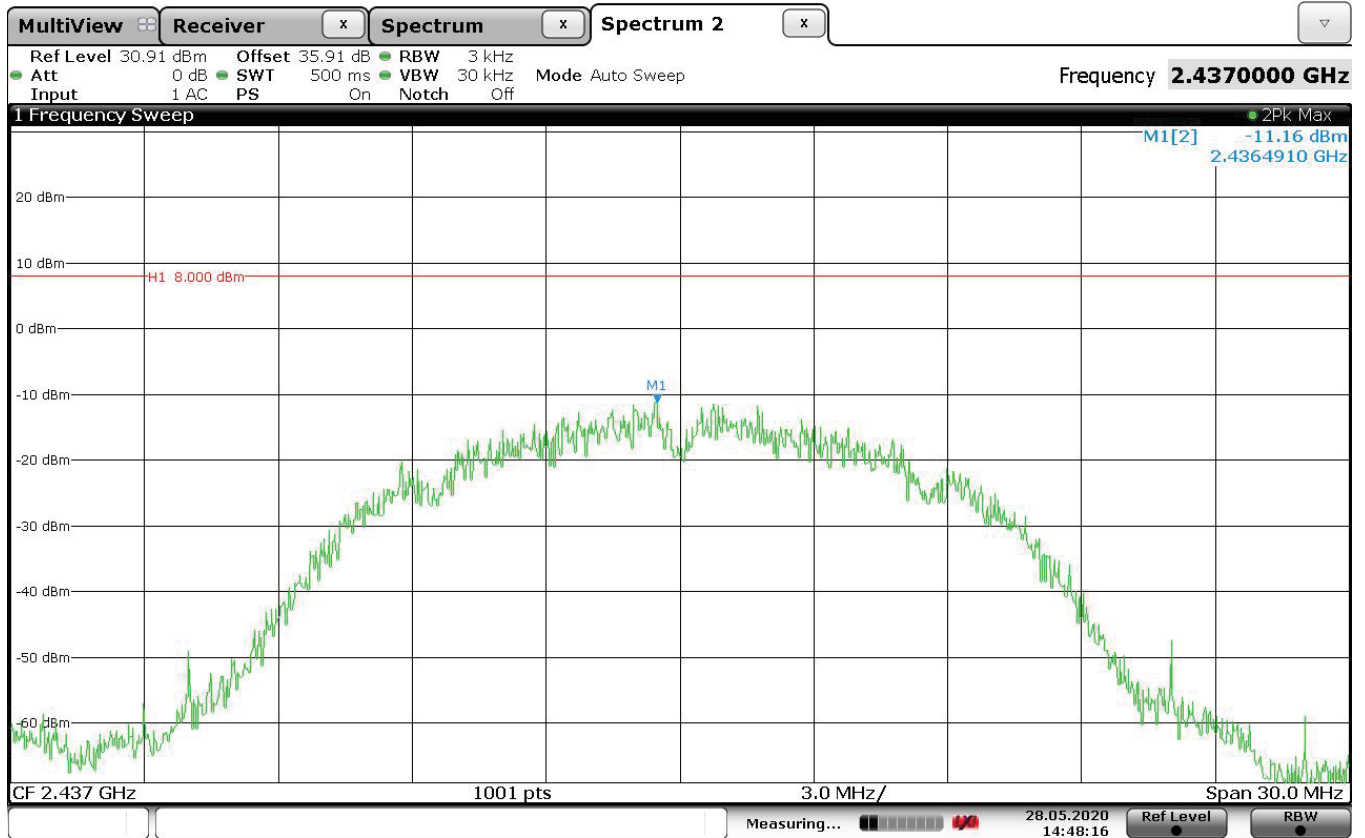
Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB/m)	Pre Amp (dB)	Duty Cycle (dB)	Average Total dBuV/m at 3m	Average Total uV/m at 3 m	Average Limit uV/m at 3 m	Margin (dB)
2483.50	H	10.9	*	2.7	33.6	0.0	2.8	50.0	314.8	500.0	-4.0
2483.50	V	7.3	*	2.7	33.6	0.0	2.8	46.4	209.2	500.0	-7.6

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2412MHz 802.11b 1Mbps
Parameters	PSD = -10.75dBm
Notes	



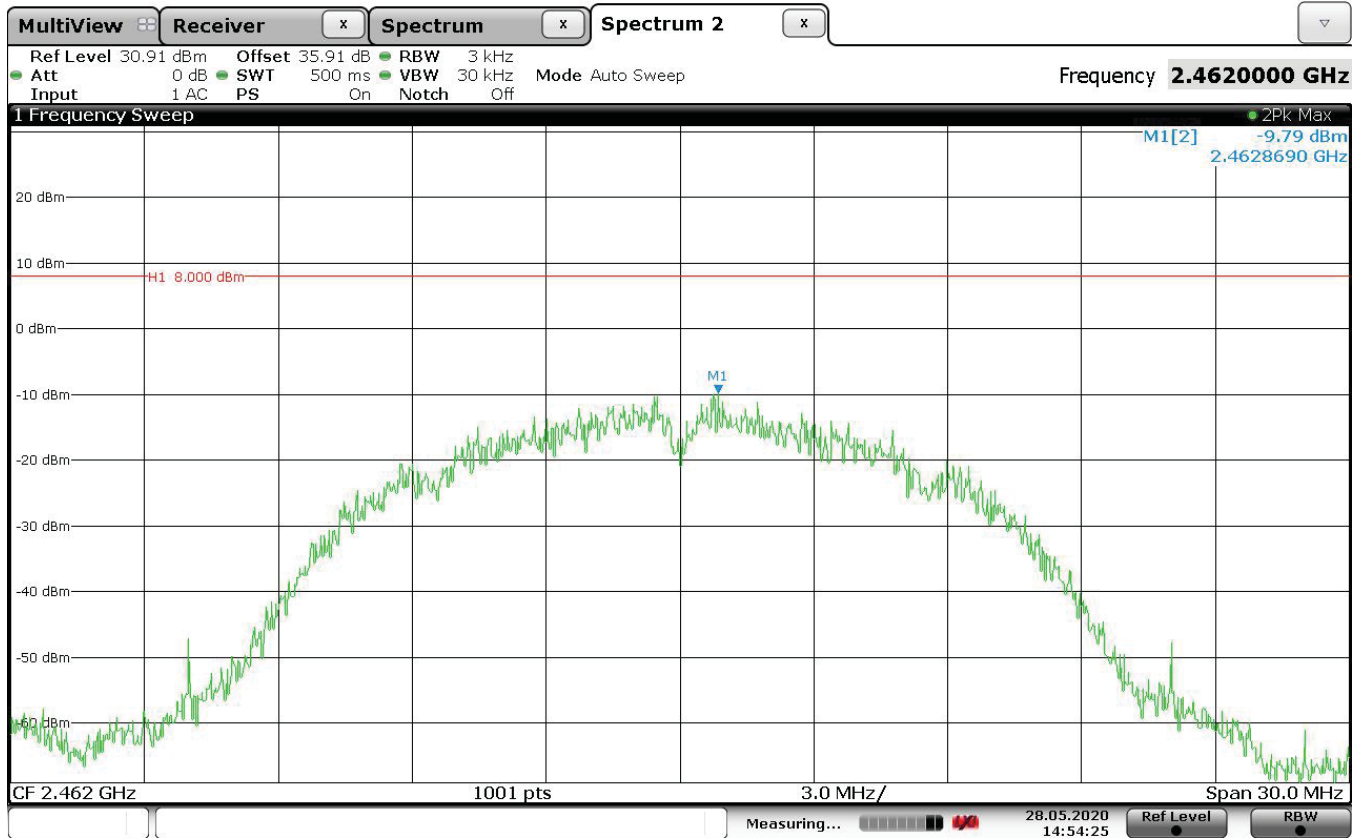
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Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2437MHz 802.11b 1Mbps
Parameters	PSD = -11.16dBm
Notes	



Date: 28.MAY.2020 14:48:15

Test Details	
Manufacturer	Weber-Stephen Products LLC
Model	Falcon
S/N	NA
Mode	Transmit
Carrier Frequency	2462MHz 802.11b 1Mbps
Parameters	PSD = -9.79dBm
Notes	



Date: 28.MAY.2020 14:54:24