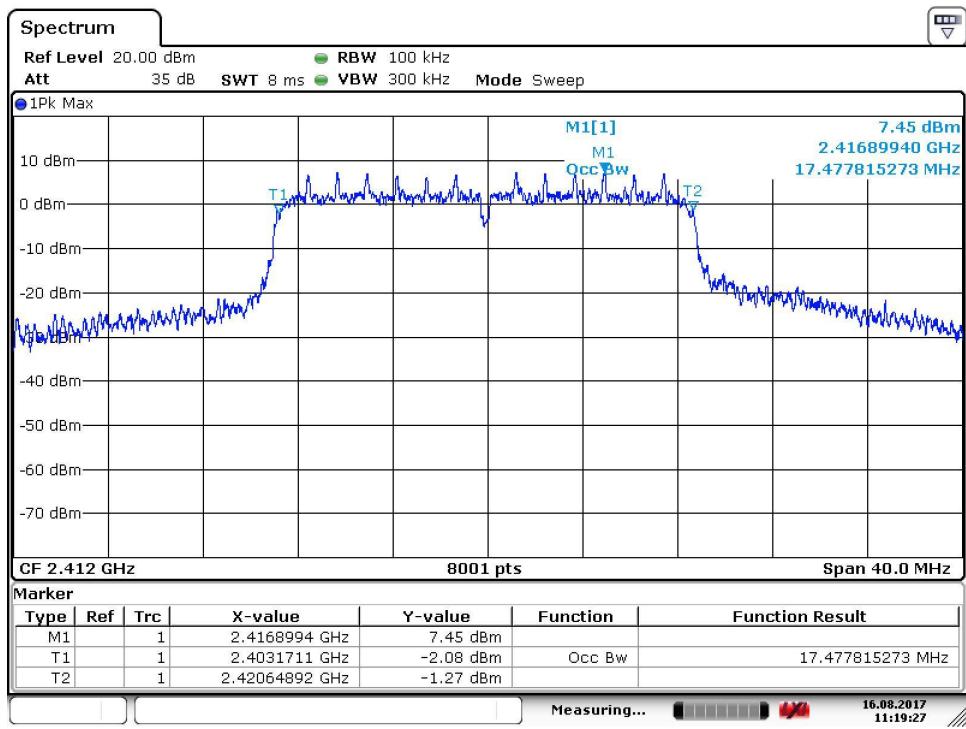
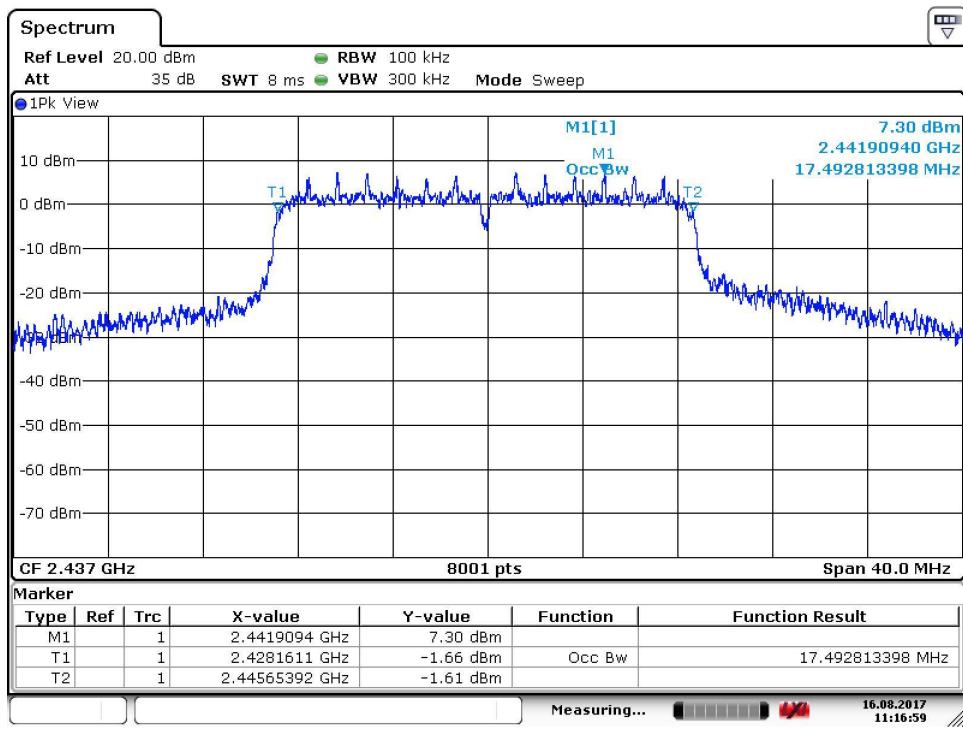


	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	99% Occupied Bandwidth	
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter		
	802.11n20		
Environmental Conditions			
Ambient Temperature		Relative Humidity	Barometric Pressure
26 °C		30 %	101.35 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>CL Payne</i>			
Channel	Chl Freq (MHz)		99% BW (MHz)
Low	2412		17.477815273



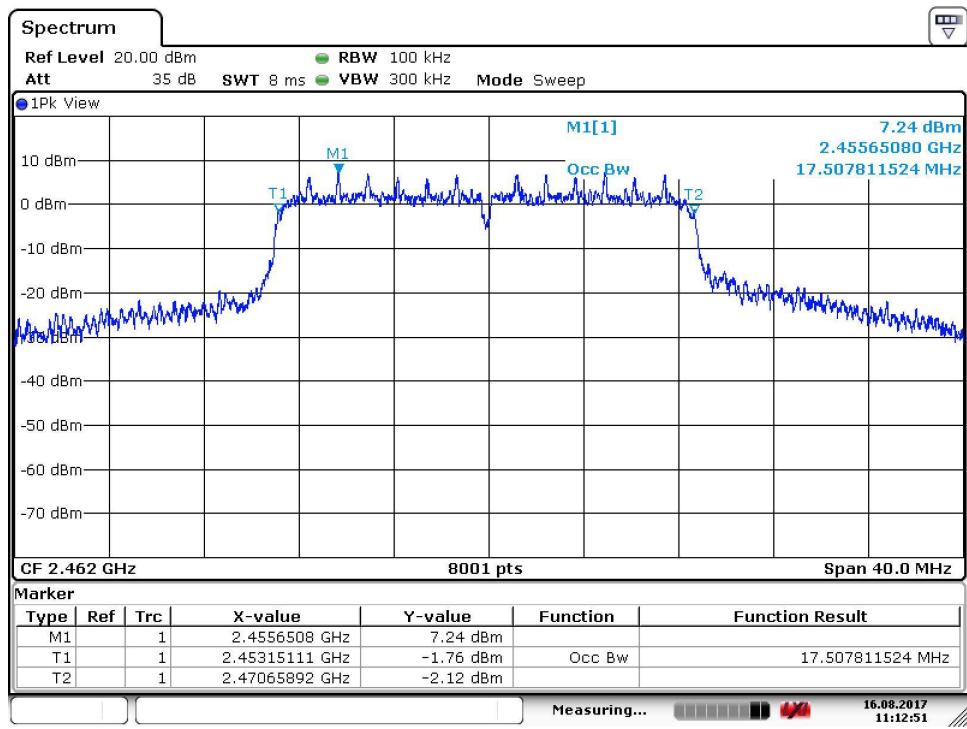
Date: 16.AUG.2017 11:19:26

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	99% Occupied Bandwidth	
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter		
	802.11n20		
Environmental Conditions			
Ambient Temperature	Relative Humidity		Barometric Pressure
26 °C	30 %		101.35 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne			
Channel	Chl Freq (MHz)		99% BW (MHz)
Middle	2437		17.492813398



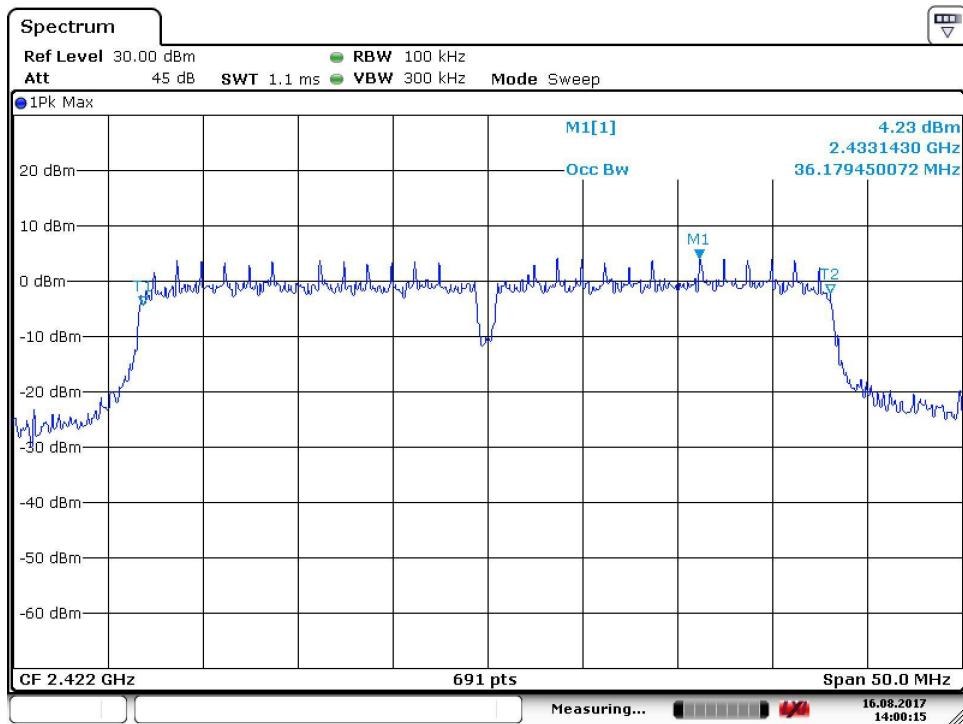
Date: 16.AUG.2017 11:16:59

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	99% Occupied Bandwidth	
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter		
	802.11n20		
Environmental Conditions			
Ambient Temperature		Relative Humidity	Barometric Pressure
26 °C		30 %	101.35 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>CL Payne</i>			
Channel	Chl Freq (MHz)		99% BW (MHz)
High	2462		17.507811524



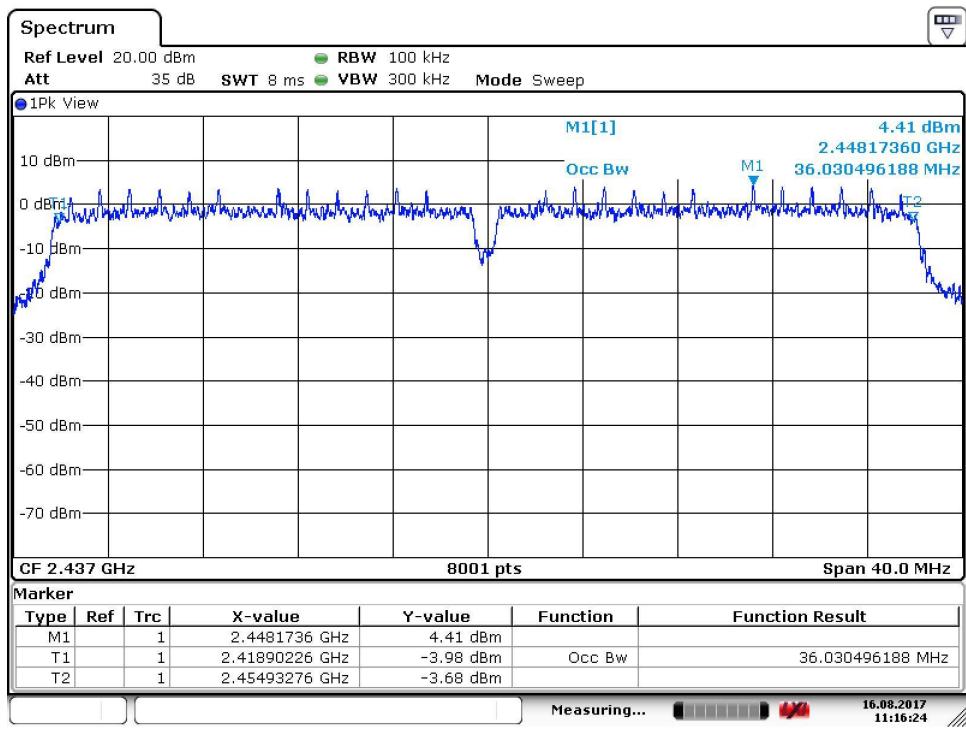
Date: 16.AUG.2017 11:12:51

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	99% Occupied Bandwidth	
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter 802.11n40		
Environmental Conditions			
Ambient Temperature	Relative Humidity		Barometric Pressure
26 °C	30 %		101.35 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>CL Payne</i>			
Channel	Chl Freq (MHz)		99% BW (MHz)
Low	2422		36.179450072



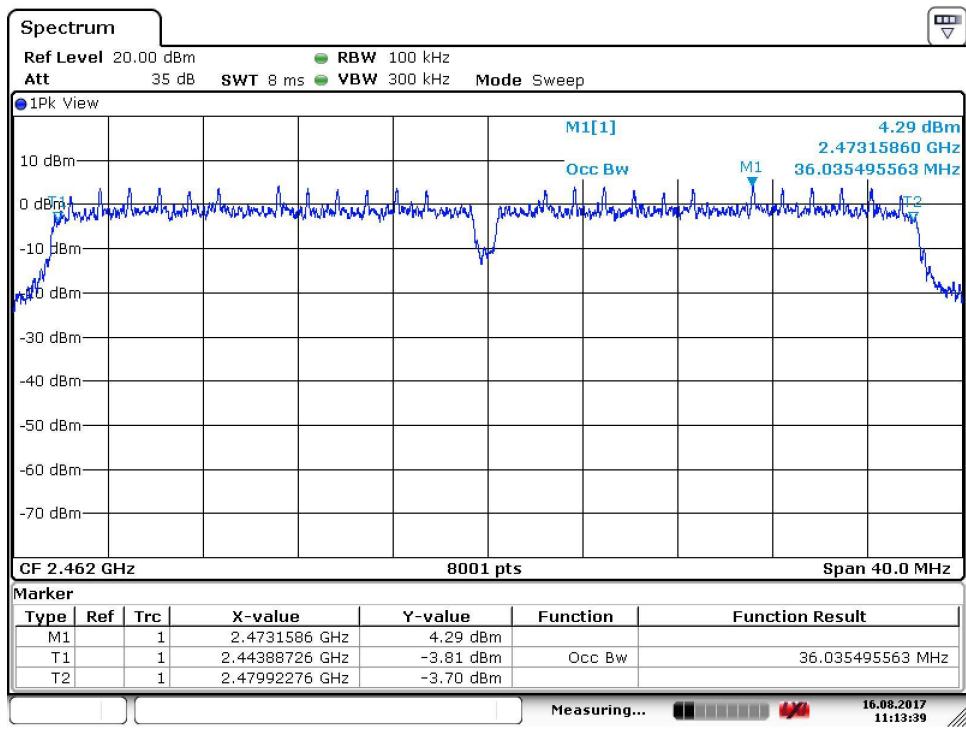
Date: 16.AUG.2017 14:00:15

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	99% Occupied Bandwidth	
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter		
	802.11n40		
Environmental Conditions			
Ambient Temperature		Relative Humidity	Barometric Pressure
26 °C		30 %	101.35 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>CL Payne</i>			
Channel	Chl Freq (MHz)		99% BW (MHz)
Middle	2437		36.030496188



Date: 16.AUG.2017 11:16:24

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	99% Occupied Bandwidth	
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter		
	802.11n40		
Environmental Conditions			
Ambient Temperature		Relative Humidity	Barometric Pressure
26 °C		30 %	101.35 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>CL Payne</i>			
Channel	Chl Freq (MHz)		99% BW (MHz)
High	2462		36.035495563



Date: 16.AUG.2017 11:13:39

15.247 (a,2,b3) Maximum Peak Output Power (Conducted)

Test Procedure: ANSI C63.10-2013

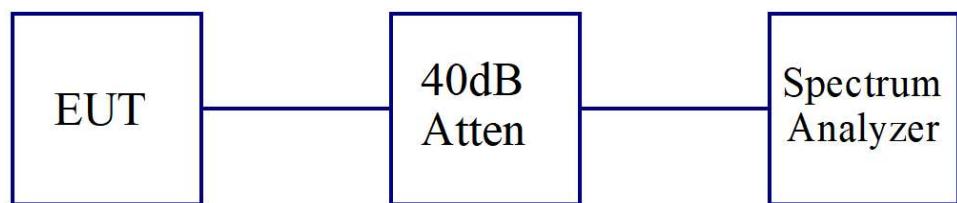
Peak Output Power

Per clause 11.9.1.2 Integrated band power method

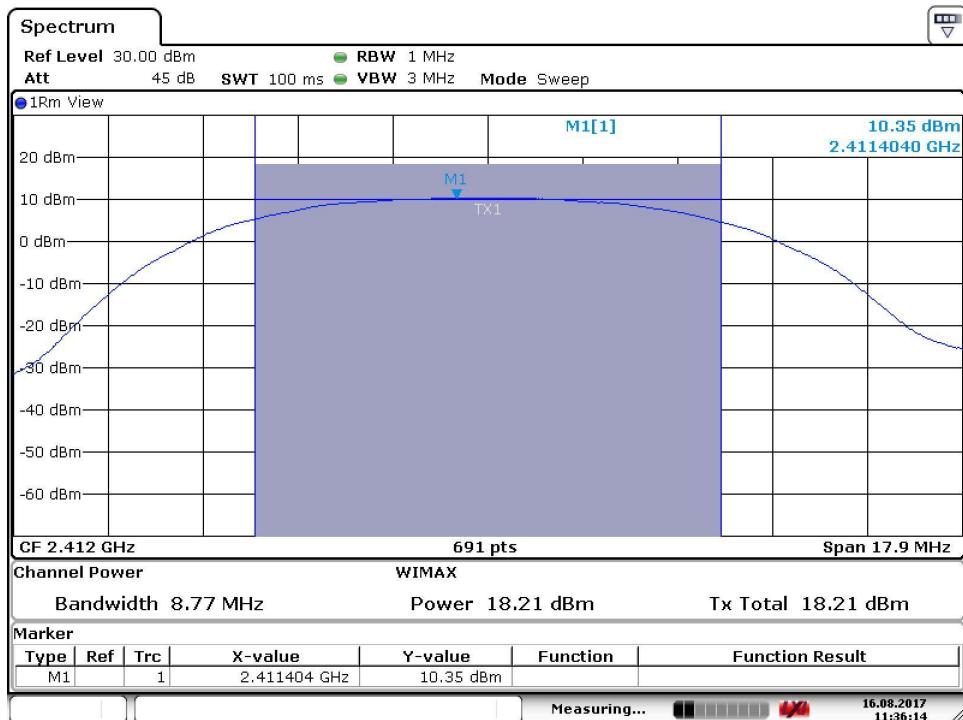
The following procedure can be used when the maximum available RBW of the instrument is less than the DTS bandwidth:

- a) Set the RBW = 1 MHz.
- b) Set the VBW \geq [3 RBW].
- c) Set the span \geq [1.5 DTS bandwidth].
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the instrument's band/channel power measurement function with the band limits set equal to the DTS bandwidth edges (for some instruments, this may require a manual override to select the peak detector). If the instrument does not have a band power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the DTS channel bandwidth.
- i) Submit plots

Test Set Up:

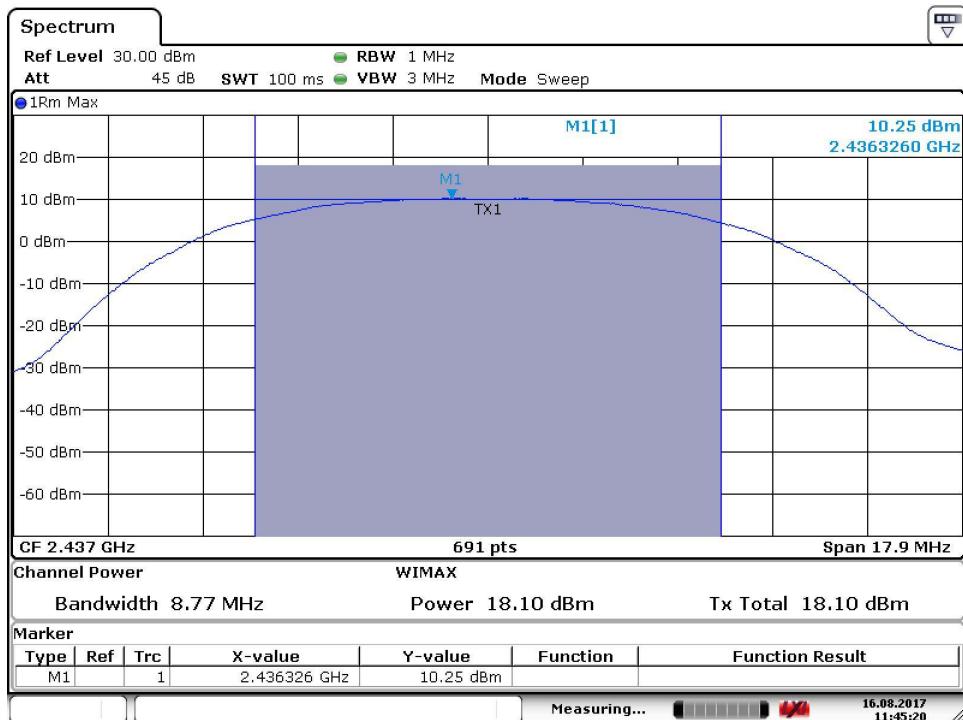


	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25						
Description:	WiFi Transmitter						
	802.11b						
Environmental Conditions							
Ambient Temperature		Relative Humidity	Barometric Pressure				
26 °C		30 %	101.35 kPa				
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Les Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2412	18.21	30.00	-11.79	66.222	1000	-933.778	Pass



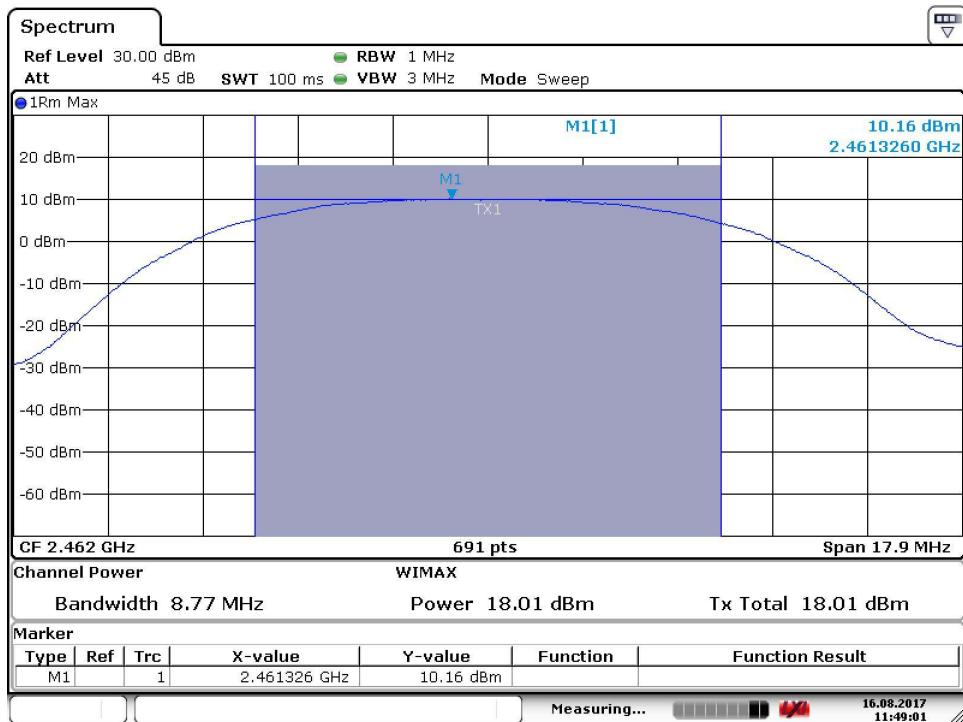
Date: 16.AUG.2017 11:36:14

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date: 16 Aug 2017					
Customer:	Orbit Irrigation Products Inc.	Conformance Standard					
Model Number:	WT25	FCC Part 15					
Description:	WiFi Transmitter	Clause 15.247(b)					
	802.11b						
Environmental Conditions							
Ambient Temperature		Relative Humidity					
26 °C		30 %					
Barometric Pressure							
101.35 kPa							
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2437	18.10	30.00	-11.9	64.565	1000	-935.435	Pass



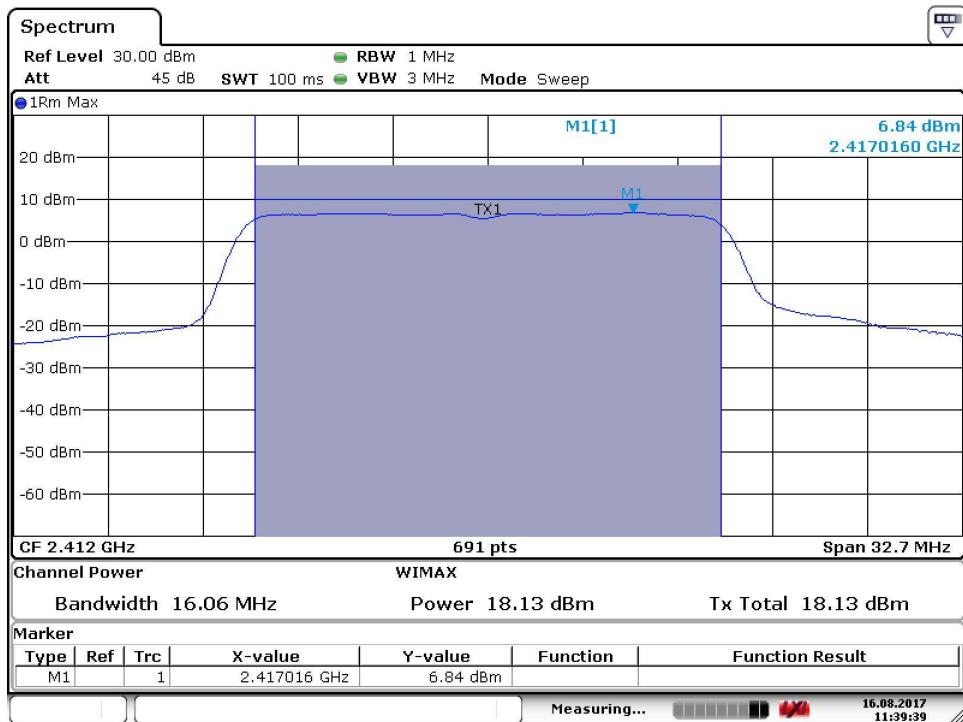
Date: 16.AUG.2017 11:45:20

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25						
Description:	WiFi Transmitter						
	802.11b						
Environmental Conditions							
Ambient Temperature		Relative Humidity	Barometric Pressure				
26 °C		30 %	101.35 kPa				
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2462	18.01	30.00	-11.99	63.241	1000	-936.759	Pass



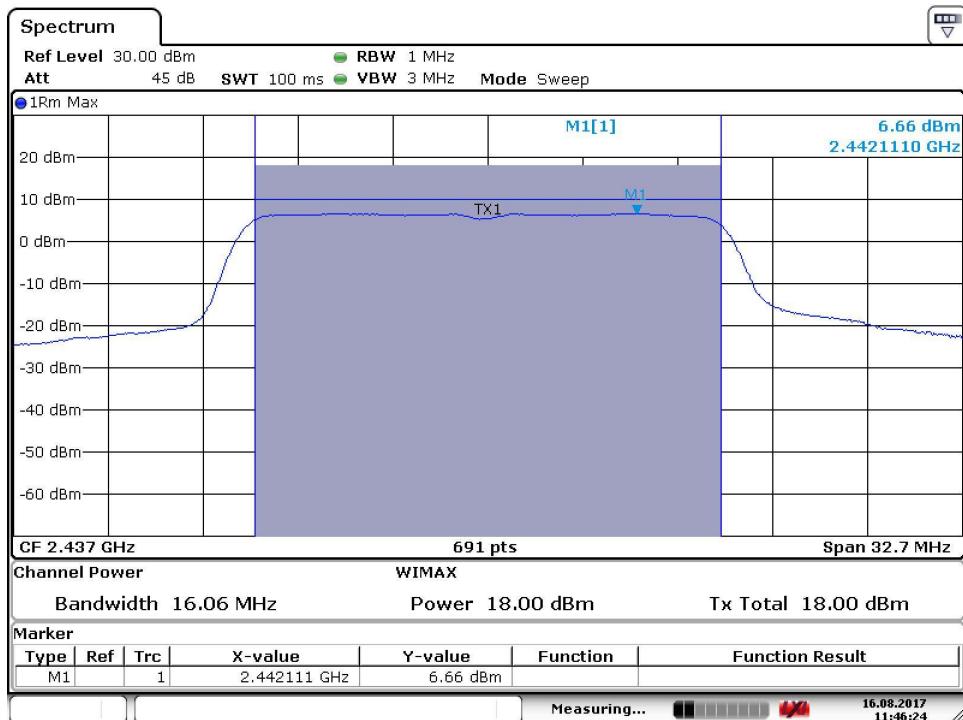
Date: 16.AUG.2017 11:49:01

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25						
Description:	WiFi Transmitter 802.11g						
Environmental Conditions							
Ambient Temperature		Relative Humidity	Barometric Pressure				
26 °C		30 %	101.35 kPa				
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Les Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2412	18.13	30.00	-11.87	65.013	1000	-934.987	Pass



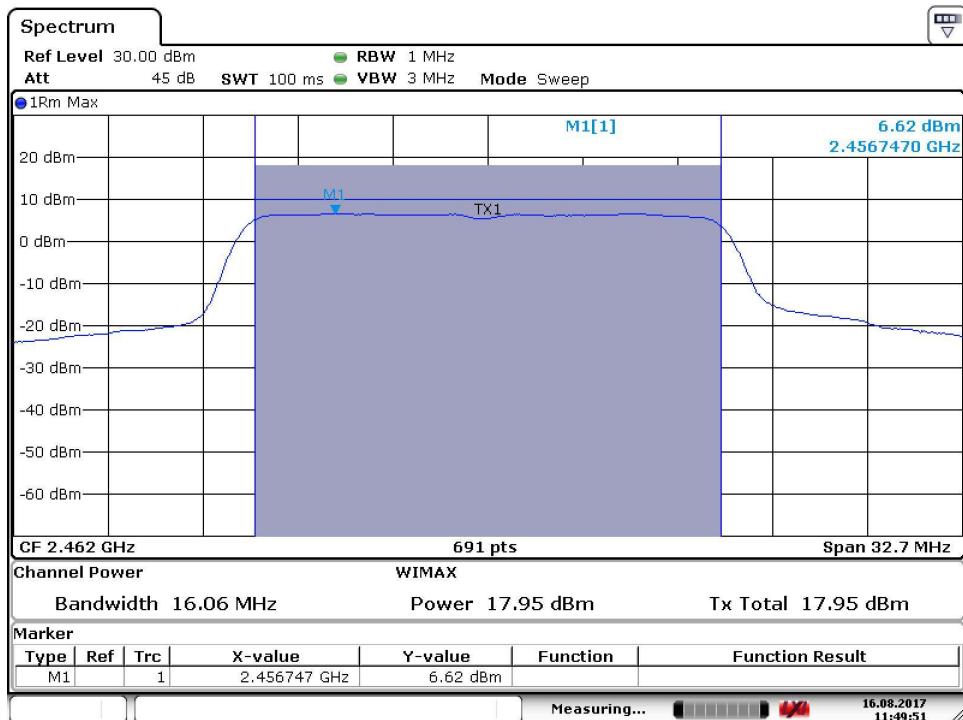
Date: 16.AUG.2017 11:39:39

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25				FCC Part 15		
Description:	WiFi Transmitter						
	802.11g				Clause 15.247(b)		
Environmental Conditions							
Ambient Temperature		Relative Humidity		Barometric Pressure			
26 °C		30 %		101.35 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2437	18.00	30.00	-12	63.096	1000	-936.904	Pass



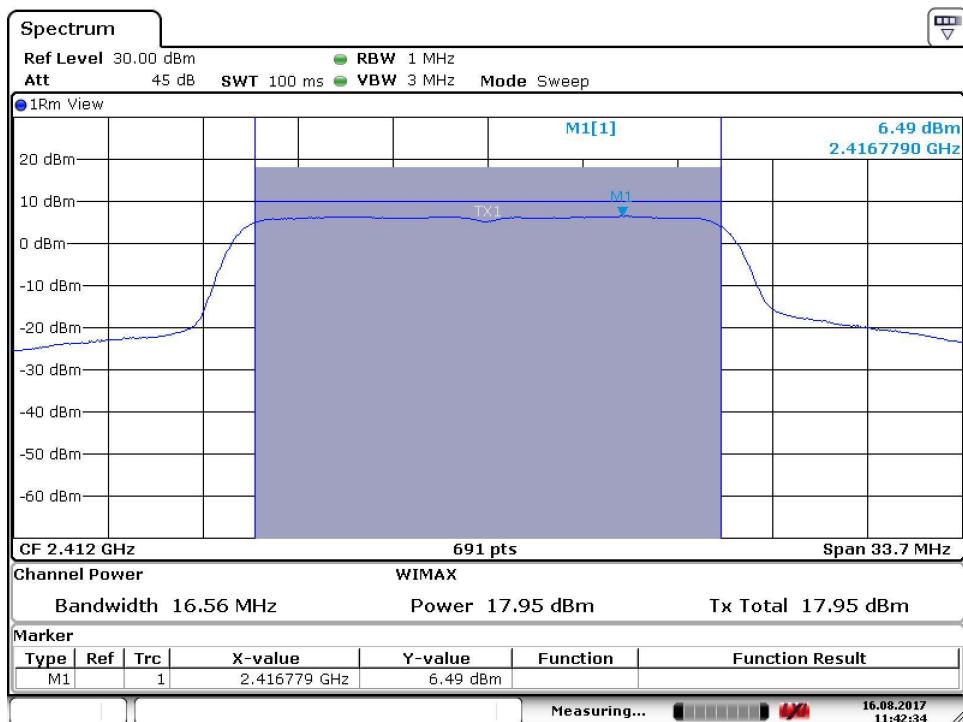
Date: 16.AUG.2017 11:46:24

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25				FCC Part 15		
Description:	WiFi Transmitter						
	802.11g				Clause 15.247(b)		
Environmental Conditions							
Ambient Temperature		Relative Humidity		Barometric Pressure			
26 °C		30 %		101.35 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2462	17.95	30.00	-12.05	62.373	1000	-937.627	Pass



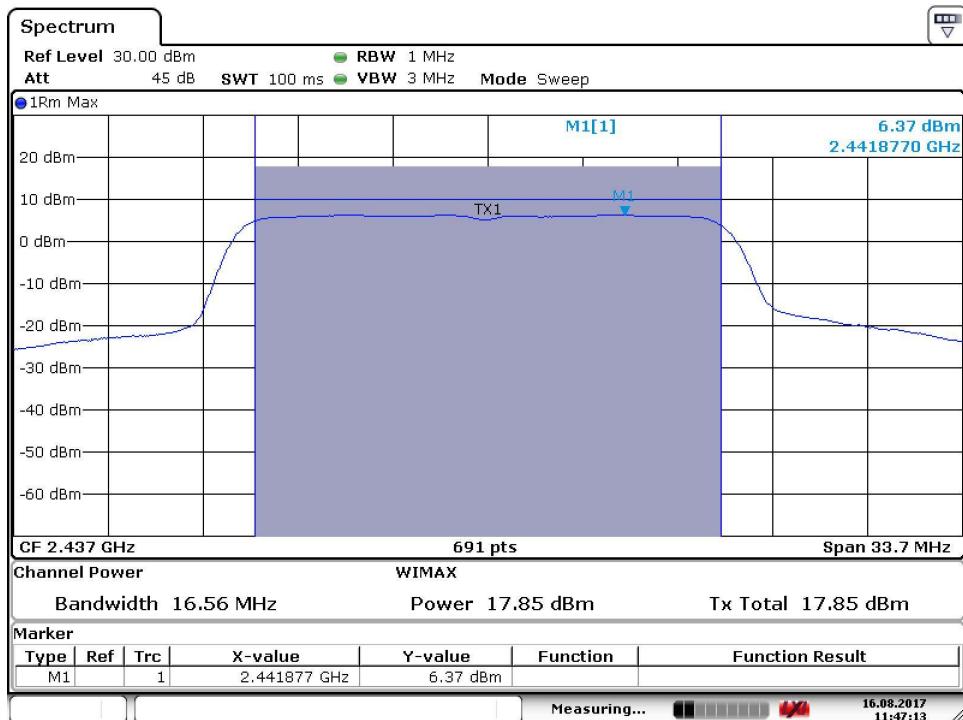
Date: 16.AUG.2017 11:49:51

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25						
Description:	WiFi Transmitter			Clause 15.247(b)			
	802.11n20						
Environmental Conditions							
Ambient Temperature		Relative Humidity	Barometric Pressure				
26 °C		30 %	101.35 kPa				
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Les Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2412	17.95	30.00	-12.05	62.373	1000	-937.627	Pass



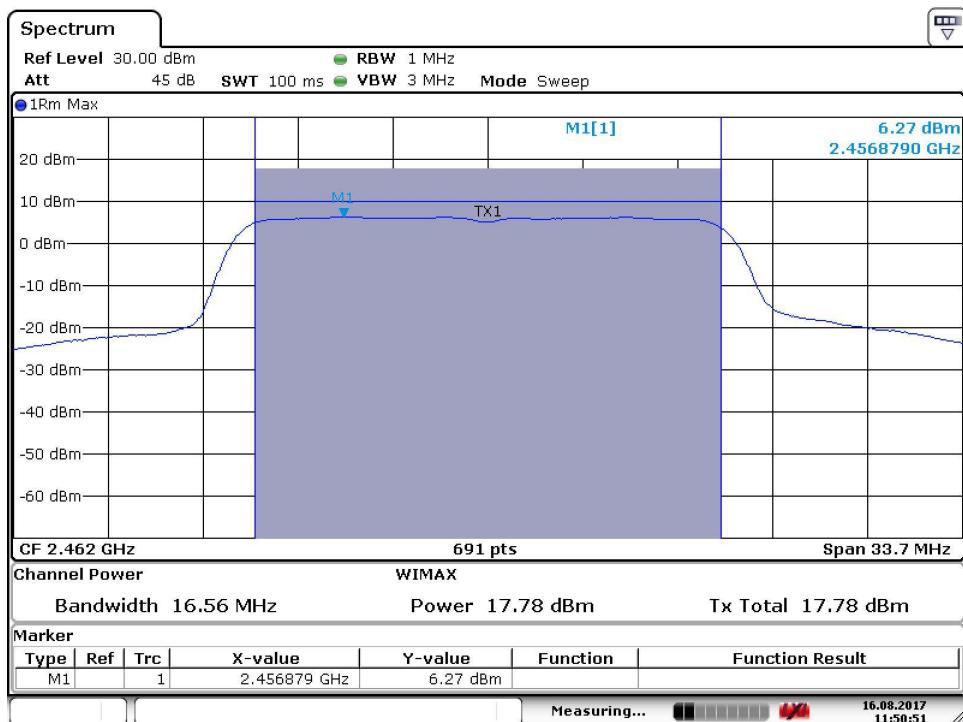
Date: 16.AUG.2017 11:42:33

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25			FCC Part 15			
Description:	WiFi Transmitter						
	802.11n20			Clause 15.247(b)			
Environmental Conditions							
Ambient Temperature		Relative Humidity		Barometric Pressure			
26 °C		30 %		101.35 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2437	17.85	30.00	-12.15	60.954	1000	-939.046	Pass



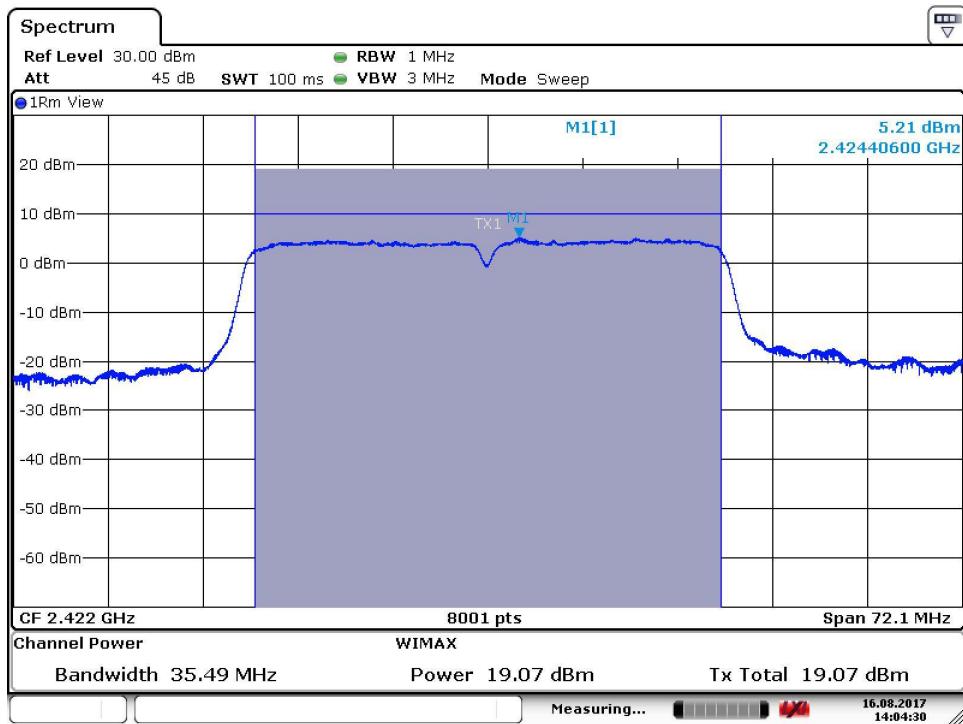
Date: 16.AUG.2017 11:47:13

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25			FCC Part 15			
Description:	WiFi Transmitter						
	802.11n20			Clause 15.247(b)			
Environmental Conditions							
Ambient Temperature		Relative Humidity		Barometric Pressure			
26 °C		30 %		101.35 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2462	17.78	30.00	-12.22	19.979	1000	-980.021	Pass



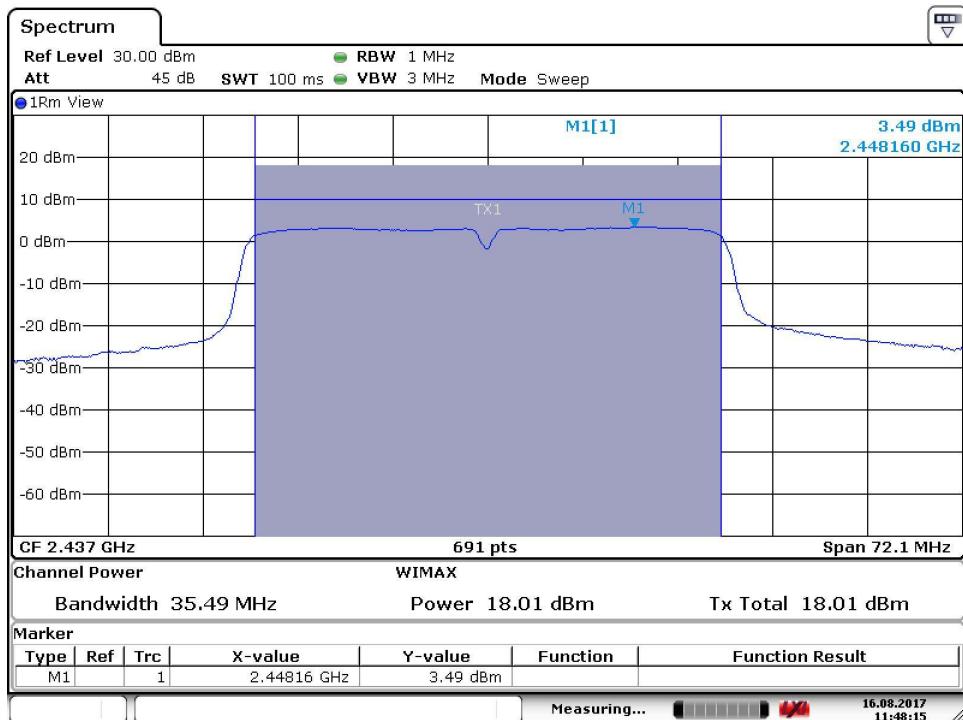
Date: 16.AUG.2017 11:50:51

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25						
Description:	WiFi Transmitter						
	802.11n40						
Environmental Conditions							
Ambient Temperature		Relative Humidity	Barometric Pressure				
26 °C		30 %	101.35 kPa				
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Les Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2422	19.07	30.00	-10.93	80.724	1000	-919.276	Pass



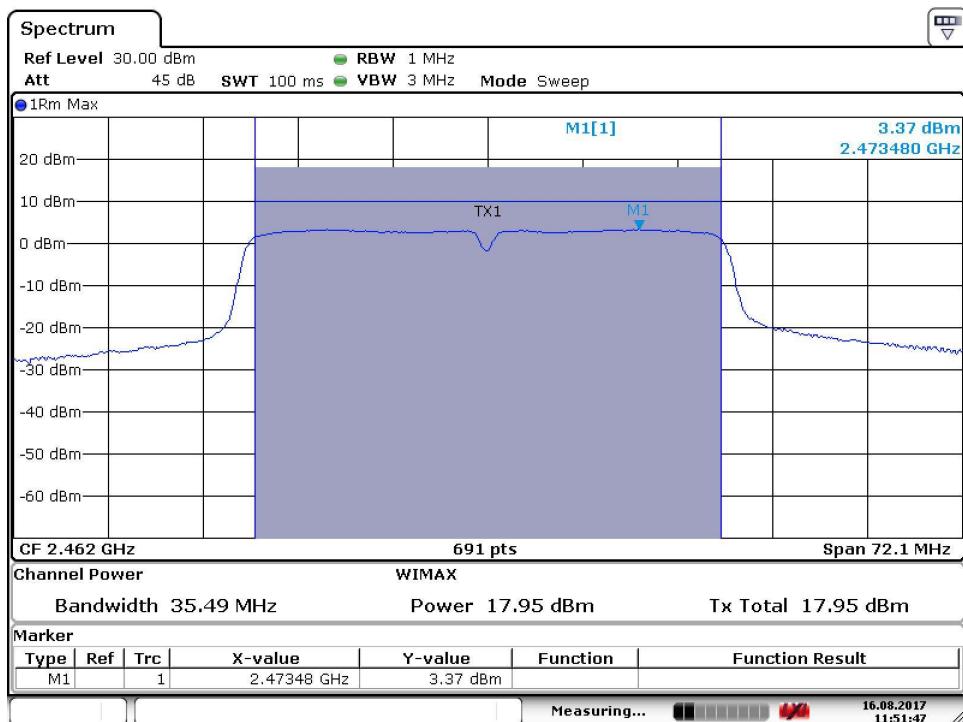
Date: 16.AUG.2017 14:04:30

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25						
Description:	WiFi Transmitter			Clause 15.247(b)			
	802.11n40						
Environmental Conditions							
Ambient Temperature		Relative Humidity	Barometric Pressure				
26 °C		30 %	101.35 kPa				
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2437	18.01	30.00	-11.99	63.241	1000	-936.759	Pass



Date: 16.AUG.2017 11:48:15

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Peak Output Power (Cond)					
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard			
Customer:	Orbit Irrigation Products Inc.						
Model Number:	WT25				FCC Part 15		
Description:	WiFi Transmitter						
	802.11n40				Clause 15.247(b)		
Environmental Conditions							
Ambient Temperature		Relative Humidity		Barometric Pressure			
26 °C		30 %		101.35 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne							
Freq MHz	Integrated Pwr (dBm)	Limit (dBm)	Delta (dBm)	Integrated Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail
2462	17.95	30.00	-12.05	62.373	1000	-937.627	Pass



Date: 16.AUG.2017 11:51:47

15.247 (a,2,d) Conducted Band Edge and Out of Band Emissions

Test Procedure: ANSI C63.10-2013

Band-edge Compliance of RF Conducted Emissions

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the emission operating on the channel closest to the bandedge, as well as any modulation products which fall outside of the authorized band of operation

RBW 1% of the span

VBW RBW

Sweep = auto

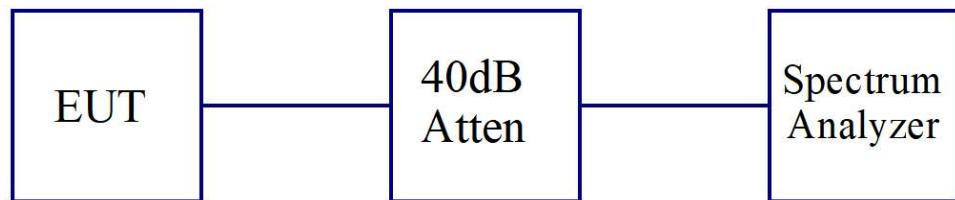
Detector function = peak

Trace = max hold

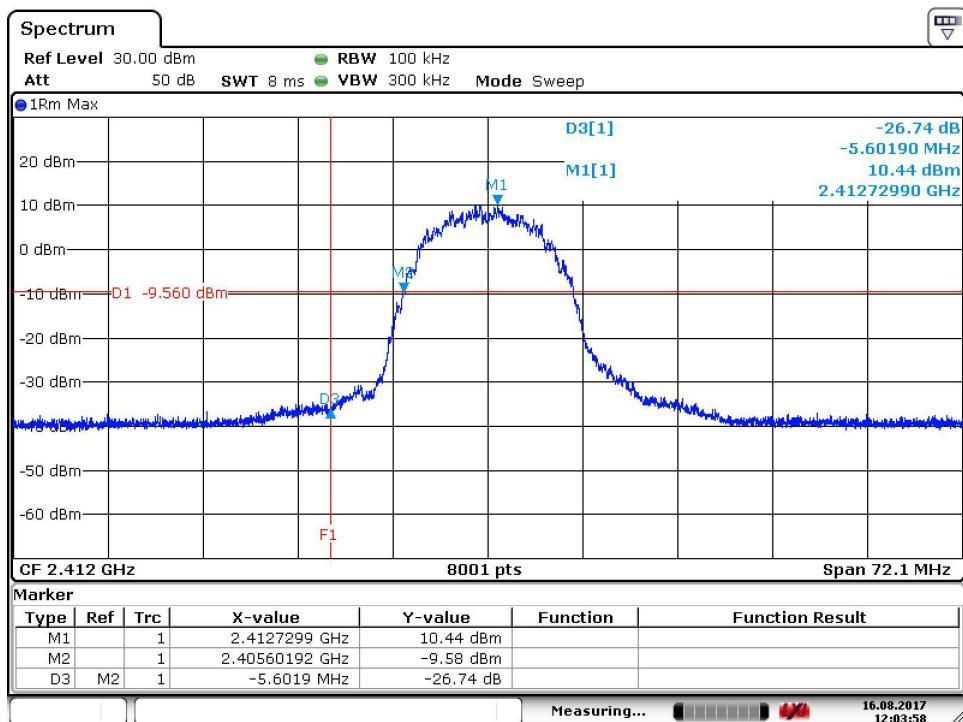
Allow the trace to stabilize. Set the marker on the emission at the bandedge, or on the highest modulation product outside of the band, if this level is greater than that at the bandedge. Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band emission. The marker-delta value now displayed must comply with the limit specified in this Section. Submit this plot.

Now, using the same instrument settings, enable the hopping function of the EUT. Allow the trace to stabilize. Follow the same procedure listed above to determine if any spurious emissions caused by the hopping function also comply with the specified limit. Submit this plot.

Test Set Up: Same as 15.247 (a,2) 6dB Emission Bandwidth



	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		
<h3>Band Edge Measurements</h3>			
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter 802.11b		
Ambient Temperature		Relative Humidity	
26 °C		30 %	
Barometric Pressure		101.35 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne			
Conducted Band Edge Measurement			Freq Delta (MHz)
Limit	Lower (MHz)	Upper (MHz)	
2400	2405.601920		5.602
Pass			



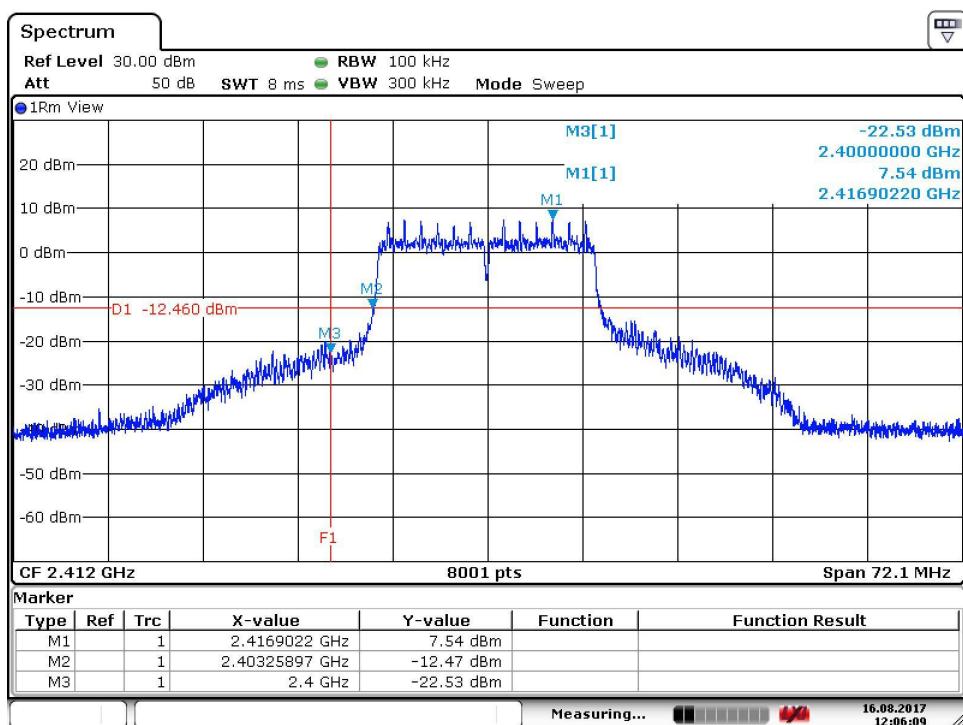
Date: 16.AUG.2017 12:03:58



1100 E Chalk Creek Road
Coalville, UT 84017
(435) 336-4433
FAX (435) 336-4436

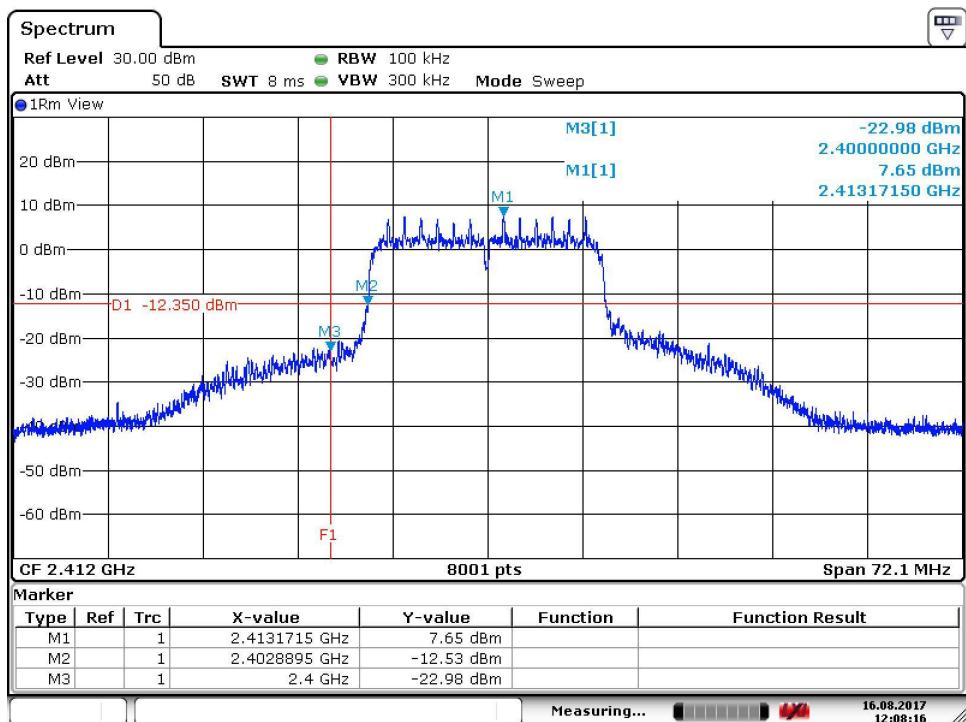
Band Edge Measurements

DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard		
Customer:	Orbit Irrigation Products Inc.					
Model Number:	WT25			FCC Part 15		
Description:	WiFi Transmitter			Clause 15.247(a,2,d)		
	802.11g					
Ambient Temperature		Relative Humidity		Barometric Pressure		
26 °C		30 %		101.35 kPa		
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne						
Conducted Band Edge Measurement						
Limit	Lower (MHz)	Upper (MHz)	Freq Delta (MHz)	Pass/Fail		
2400	2403.258970		3.259	Pass		



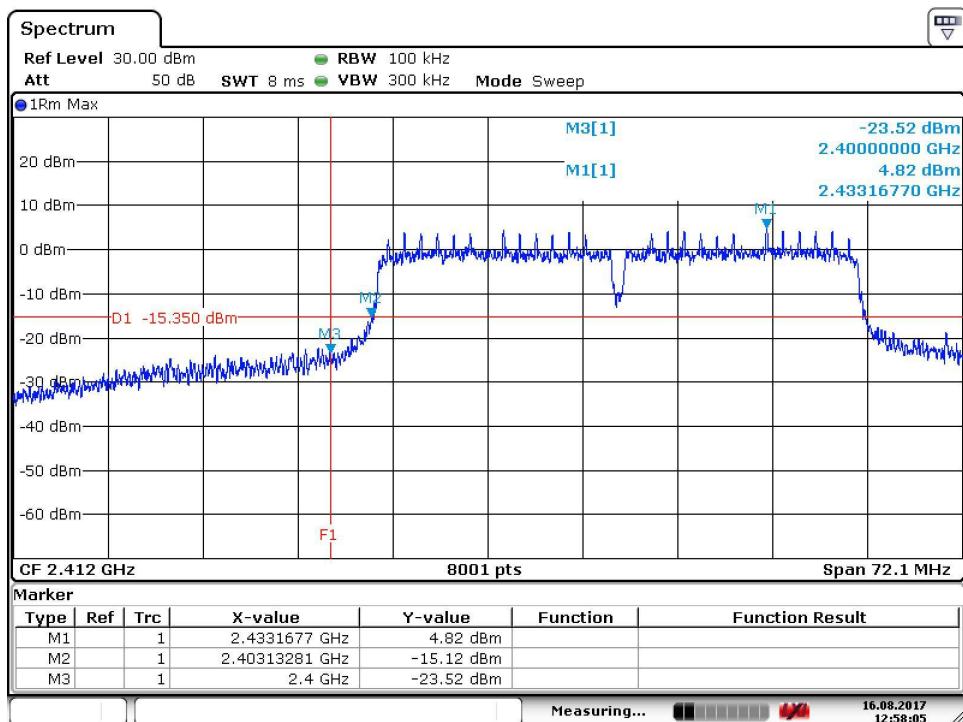
Date: 16.AUG.2017 12:06:09

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		
<h3>Band Edge Measurements</h3>			
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter		
	802.11n20		
Ambient Temperature		Relative Humidity	Barometric Pressure
26 °C		30 %	101.35 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne			
Conducted Band Edge Measurement			Freq Delta (MHz)
Limit	Lower (MHz)	Upper (MHz)	
2400	2402.889500		2.890
Pass			



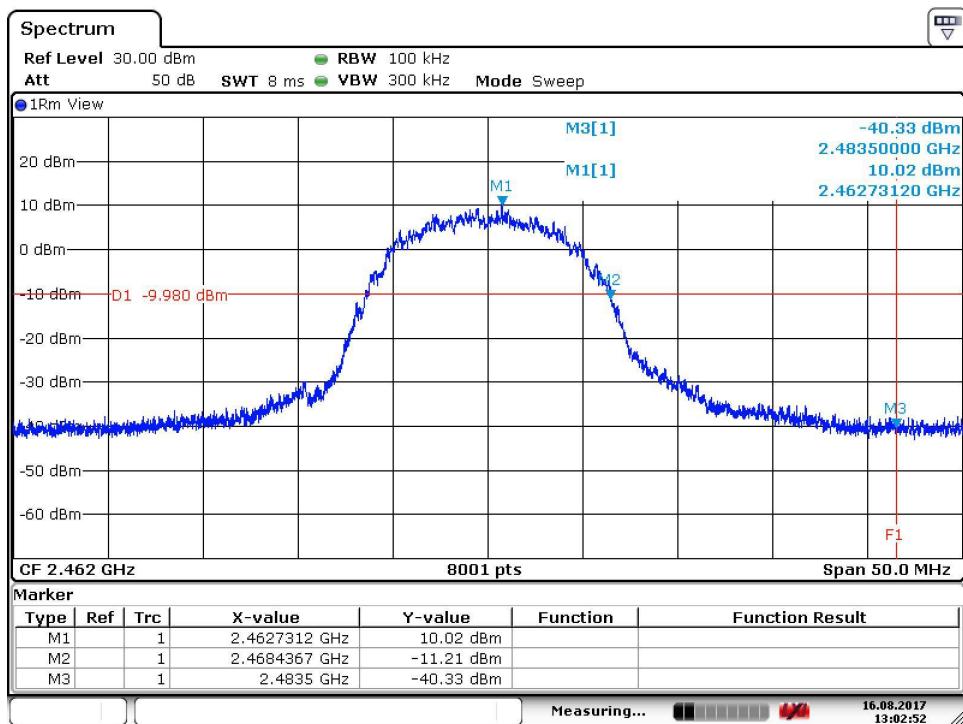
Date: 16.AUG.2017 12:08:15

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Band Edge Measurements		
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25	FCC Part 15		
Description:	WiFi Transmitter			
	802.11n40	Clause 15.247(a,2,d)		
Ambient Temperature	Relative Humidity			
26 °C	30 %		101.35 kPa	
EUT performed within the requirements of the applicable standard		[X] Yes [] No		CL Payne
Conducted Band Edge Measurement			Freq Delta (MHz)	Pass/Fail
Limit	Lower (MHz)	Upper (MHz)		
2400	2403.132810		3.133	Pass



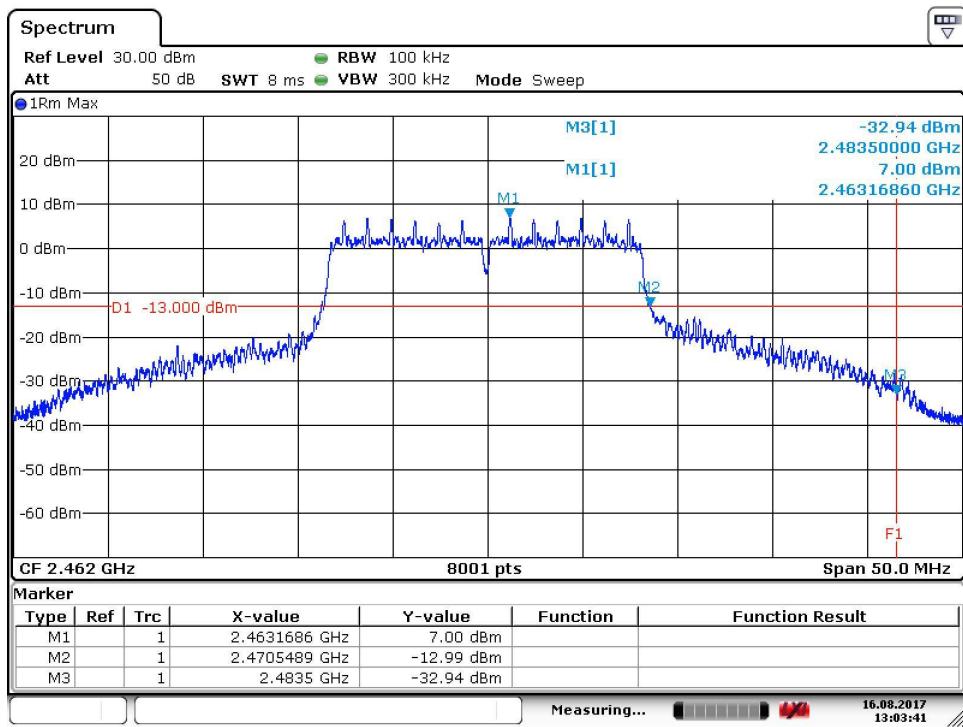
Date: 16.AUG.2017 12:58:05

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		
<h3>Band Edge Measurements</h3>			
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter 802.11b		
Ambient Temperature		Relative Humidity	
26 °C		30 %	
Barometric Pressure		101.35 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne			
Conducted Band Edge Measurement			Freq Delta (MHz)
Limit	Lower (MHz)	Upper (MHz)	
2483.5		2468.436700	15.063
Pass			



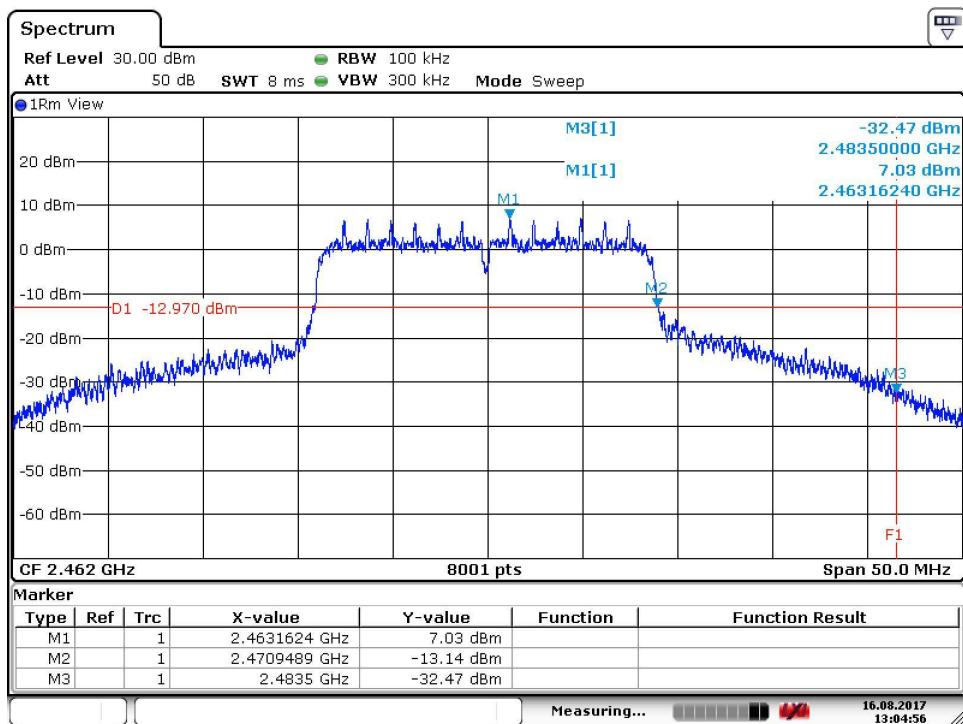
Date: 16.AUG.2017 13:02:52

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		
<h3>Band Edge Measurements</h3>			
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter		
	802.11g		
Ambient Temperature		Relative Humidity	Barometric Pressure
26 °C		30 %	101.35 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne			
Conducted Band Edge Measurement			Freq Delta (MHz)
Limit	Lower (MHz)	Upper (MHz)	
2483.5		2470.548900	12.951
Pass			



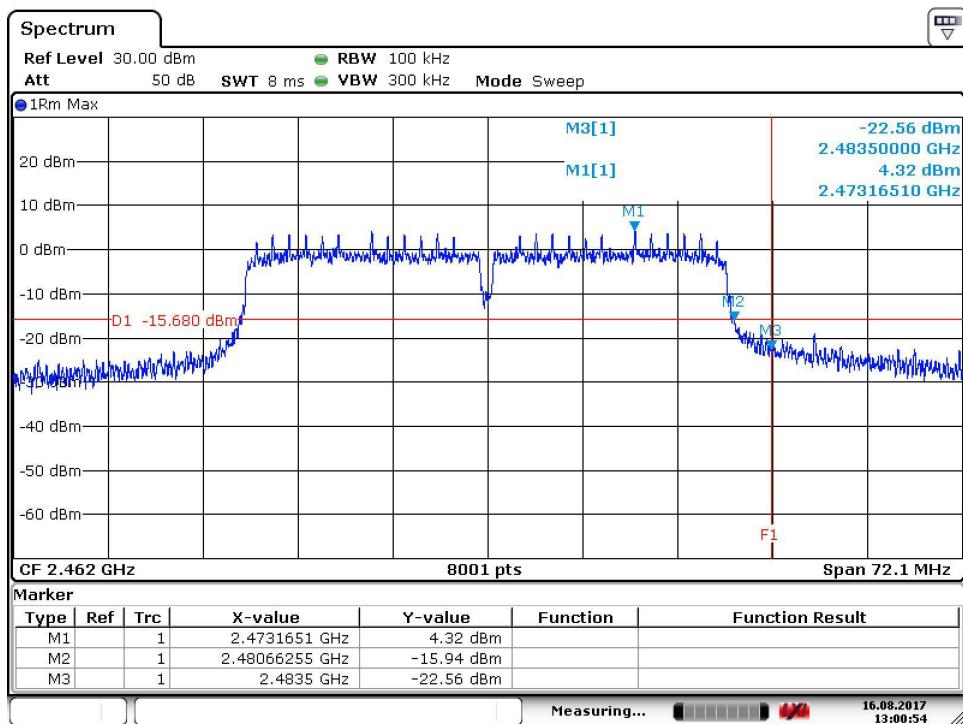
Date: 16.AUG.2017 13:03:41

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		
<h3>Band Edge Measurements</h3>			
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter 802.11n20		
Ambient Temperature		Relative Humidity	
26 °C		30 %	
Barometric Pressure		101.35 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne			
Conducted Band Edge Measurement			Freq Delta (MHz) Pass/Fail
Limit	Lower (MHz)	Upper (MHz)	
2483.5		2470.948900	12.551
Pass			



Date: 16.AUG.2017 13:04:56

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		
<h3>Band Edge Measurements</h3>			
DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.		
Model Number:	WT25		
Description:	WiFi Transmitter 802.11n40		
Ambient Temperature		Relative Humidity	
26 °C		30 %	
Barometric Pressure		101.35 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne			
Conducted Band Edge Measurement			Freq Delta (MHz) Pass/Fail
Limit	Lower (MHz)	Upper (MHz)	
2483.5		2480.662550	2.837
Pass			



Date: 16.AUG.2017 13:00:54

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Conducted Spurious
DNB Job Number:	86019	Date: 16 Aug 2017
Customer:	Orbit Irrigation Products Inc.	Conformance Standard
Model Number:	WT25	FCC Part 15
Description:	WiFi Transmitter	Clause 15.247(a,2,d)
	Test Procedure	
Ambient Temperature	Relative Humidity	Barometric Pressure
26 °C	30 %	101.35 kPa
EUT performed within the requirements of the applicable standard		[X] Yes [] No Les Payne

Test Procedure: ANSI C63.10-2013

15.247 (a,2,d) Spurious RF Conducted Emissions

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.

RBW = 100 kHz

VBW RBW

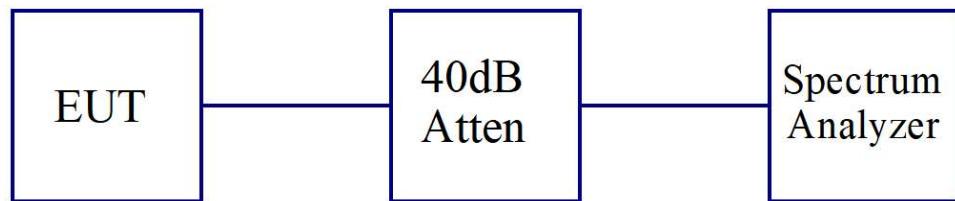
Sweep = auto

Detector function = peak

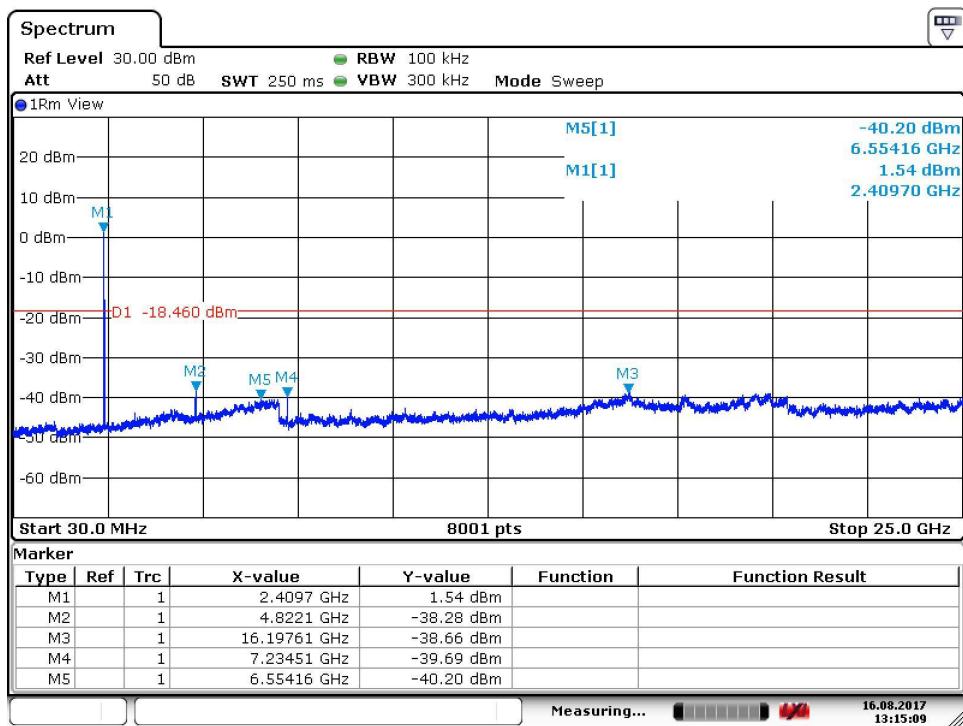
Trace = max hold

Allow the trace to stabilize. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this Section. Submit these plots.

Test Set Up: Same as 15.247 (a,2) 6dB Emission Bandwidth



	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436	Conducted Spurious		
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25	FCC Part 15		
Description:	WiFi Transmitter	Clause 15.247(a,2,d)		
	802.11b			
Ambient Temperature		Relative Humidity	Barometric Pressure	
26 °C		30 %	101.35 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CL Payne				
Channel	Peak Output Power	Reading (dBm)	-20dBC (dBm)	Pass/Fail
Low	10.35 dBm	1.54	-18.46	Pass



Date: 16.AUG.2017 13:15:09