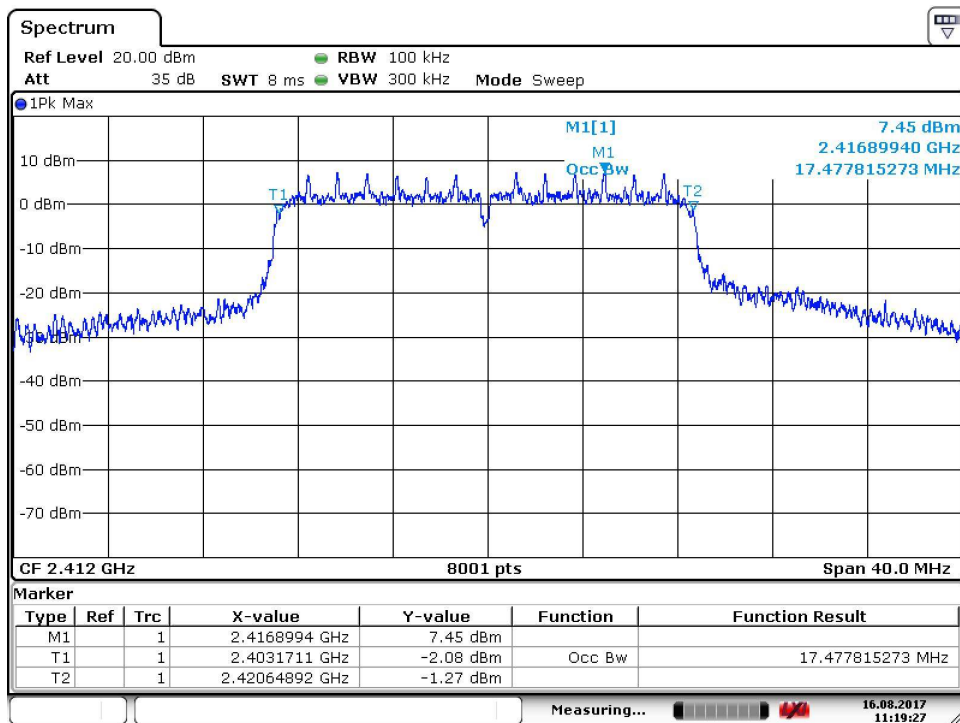

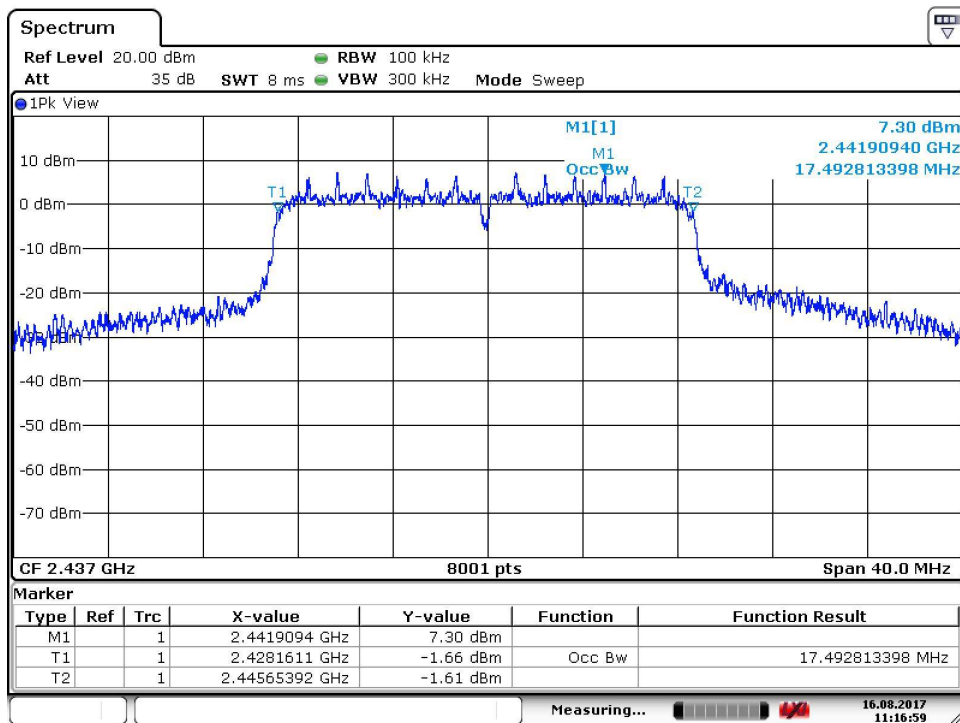
	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		99% Occupied Bandwidth	
	DNB Job Number:	86019	Date:	16 Aug 2017
Customer:	Orbit Irrigation Products Inc.			Conformance Standard
Model Number:	WT25			
Description:	WiFi Transmitter			RSS-Gen
	802.11n20			
Environmental Conditions				
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	




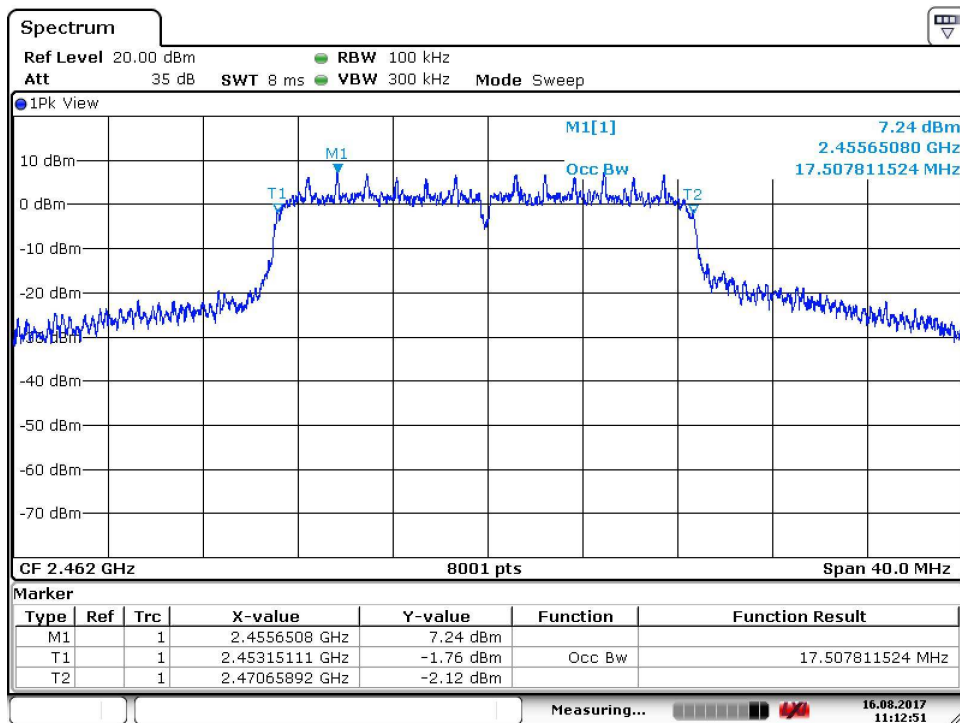
Date: 16.AUG.2017 11:19:26

	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	Conformance Standard RSS-Gen Clause Section 6.6	
Customer: Orbit Irrigation Products Inc.	Model Number: WT25			
Description: WiFi Transmitter 802.11n20				
Environmental Conditions				
Ambient Temperature 26 °C	Relative Humidity 30 %	Barometric Pressure 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	17.492813398		




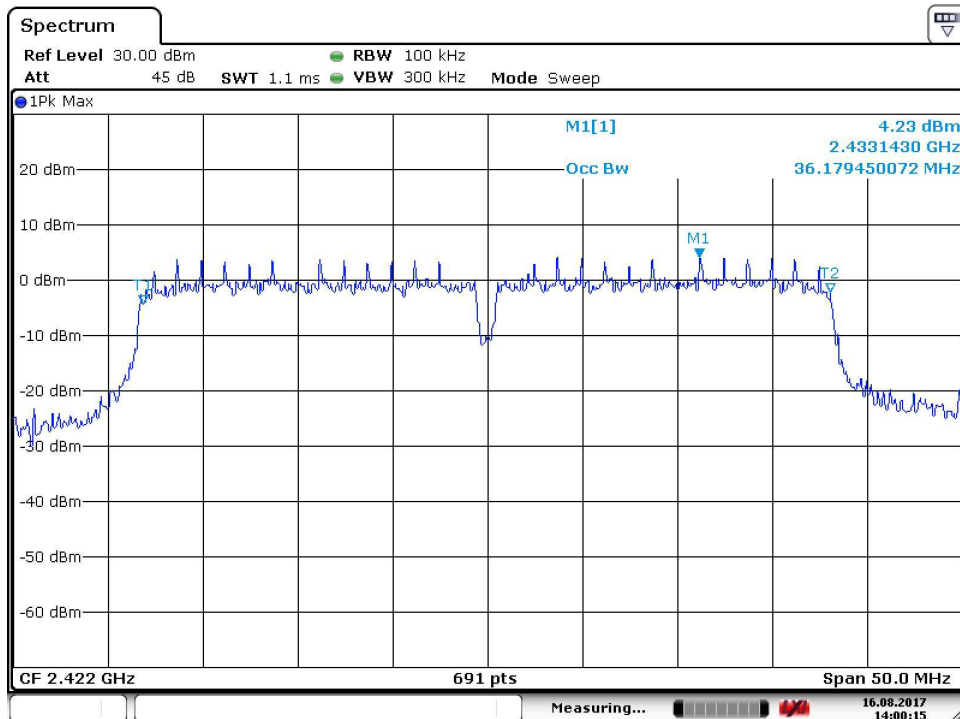
Date: 16.AUG.2017 11:16:59

	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.			Conformance Standard
Model Number:	WT25			
Description:	WiFi Transmitter			RSS-Gen
	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	




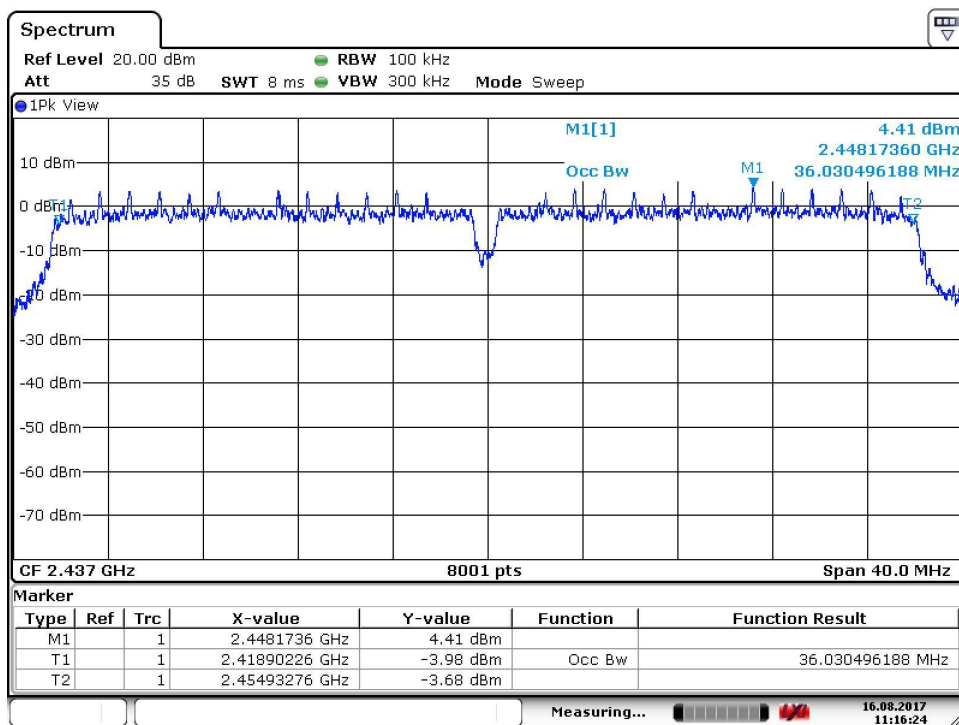
Date: 16.AUG.2017 11:12:51

	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.			Conformance Standard
Model Number:	WT25			
Description:	WiFi Transmitter			RSS-Gen
	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	




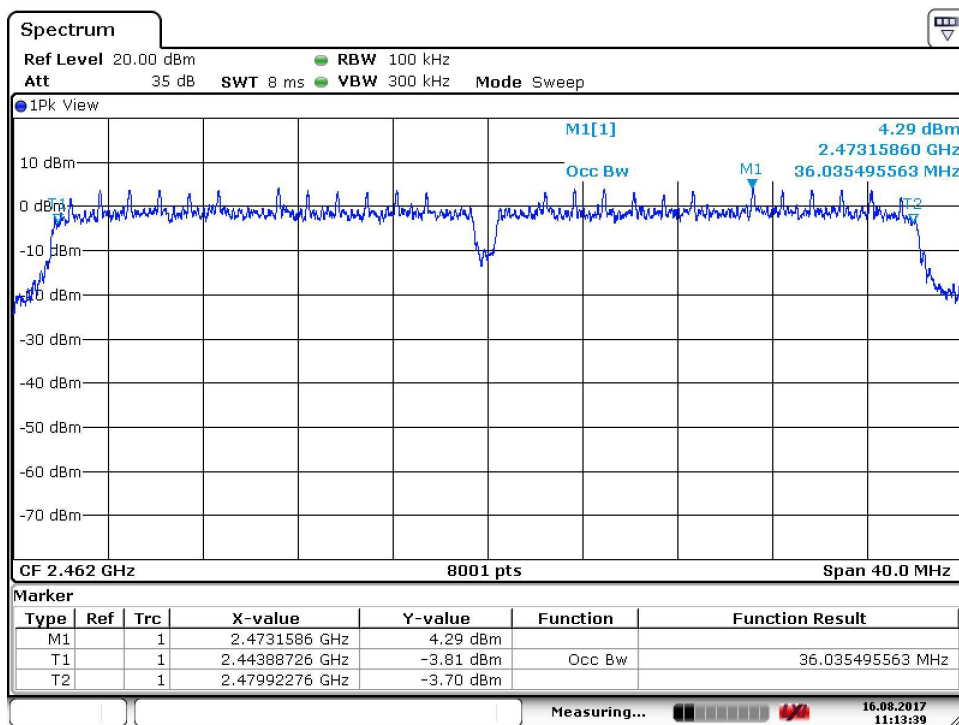
Date: 16.AUG.2017 14:00:15

	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.			Conformance Standard
Model Number:	WT25			
Description:	WiFi Transmitter			RSS-Gen
	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	Conformance Standard RSS-Gen Clause Section 6.6
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

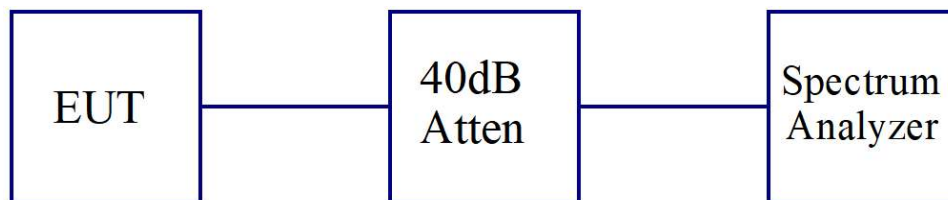
Peak Output Power

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:





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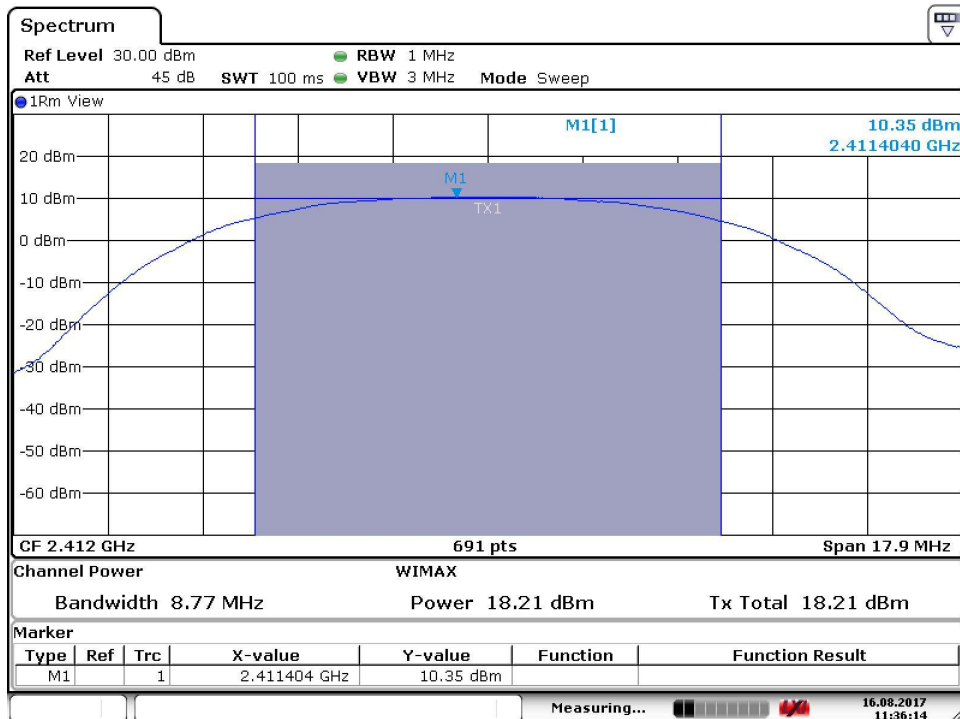
Peak Output Power (Cond)

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

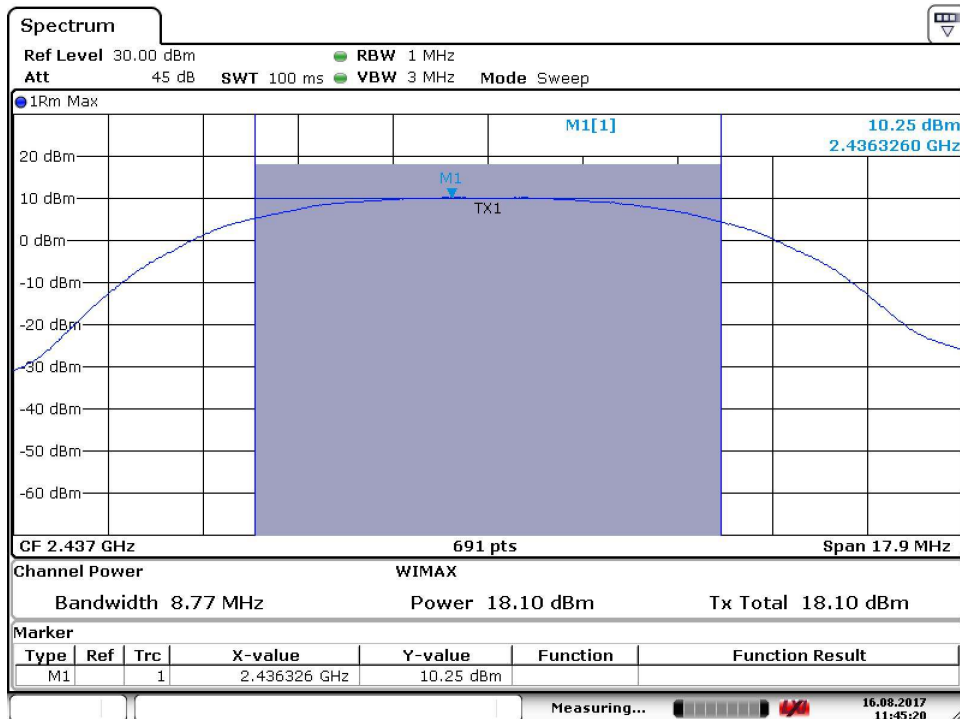
EUT performed within the requirements of the applicable standard Yes No Les Payne

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 FCC Part 15	
Model Number:		WT25					
Description:		WiFi Transmitter				Clause 15.247(b)	
		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
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
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Peak Output Power (Cond)

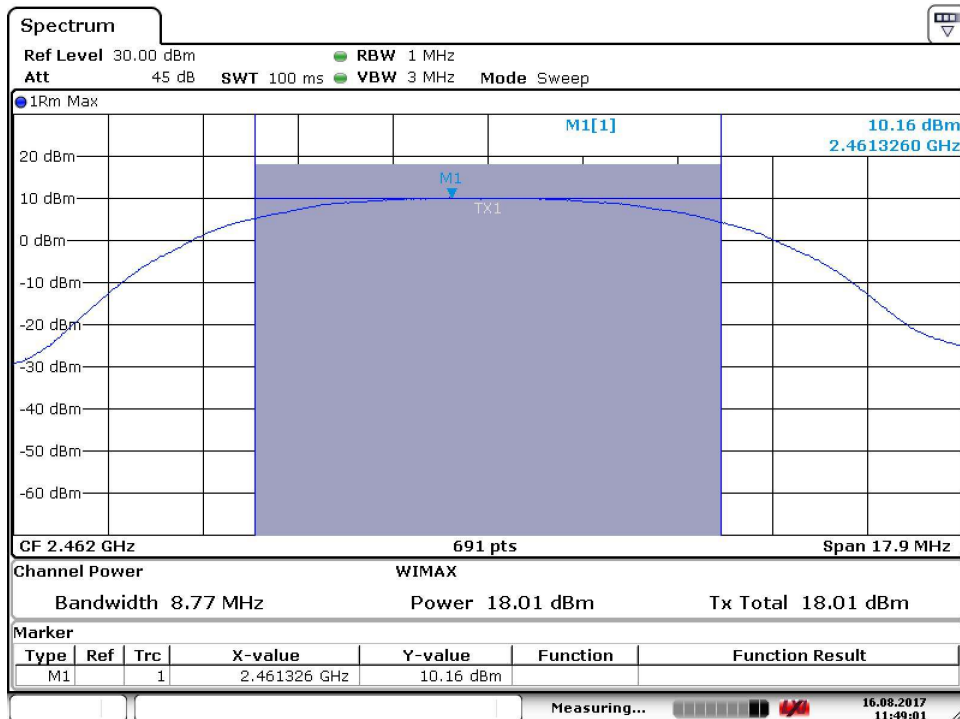
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 802.11b			

Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
26 °C	30 %	101.35 kPa

EUT performed within the requirements of the applicable standard Yes 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
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 (435) 336-4433
 FAX (435) 336-4436

Peak Output Power (Cond)

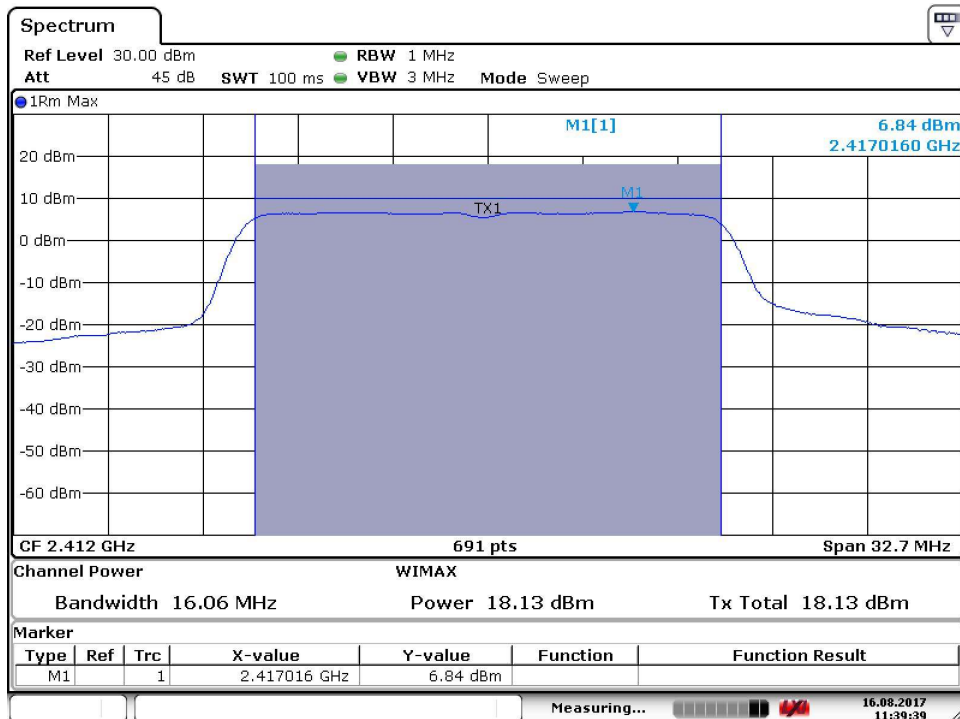
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 802.11g			

Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
26 °C	30 %	101.35 kPa

EUT performed within the requirements of the applicable standard Yes 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
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 (435) 336-4433
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Peak Output Power (Cond)

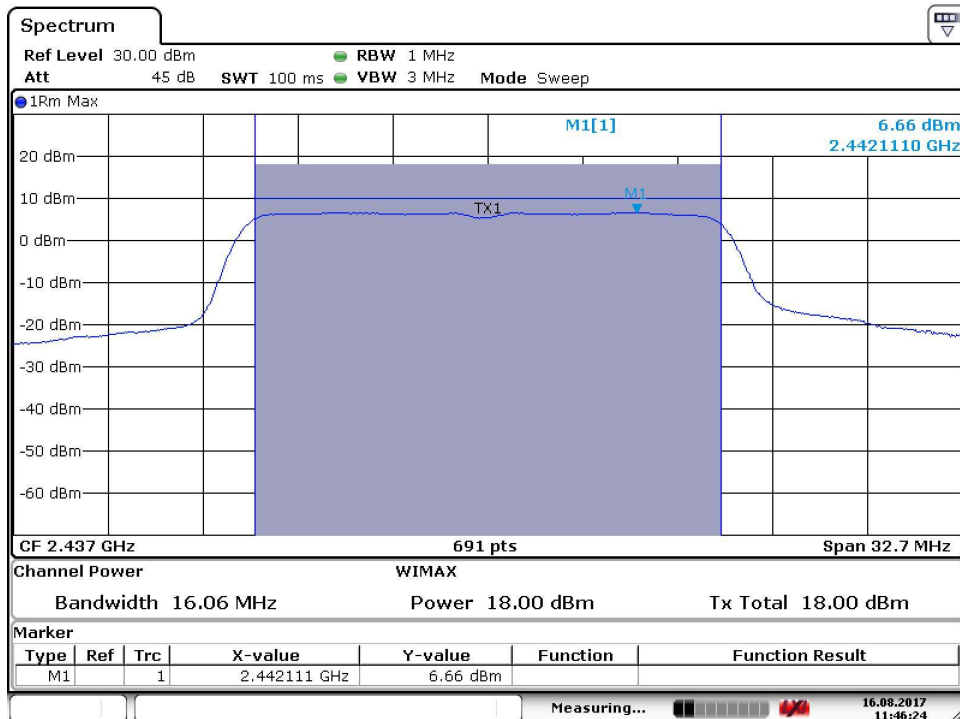
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 802.11g			

Environmental Conditions


Ambient Temperature	Relative Humidity	Barometric Pressure
26 °C	30 %	101.35 kPa

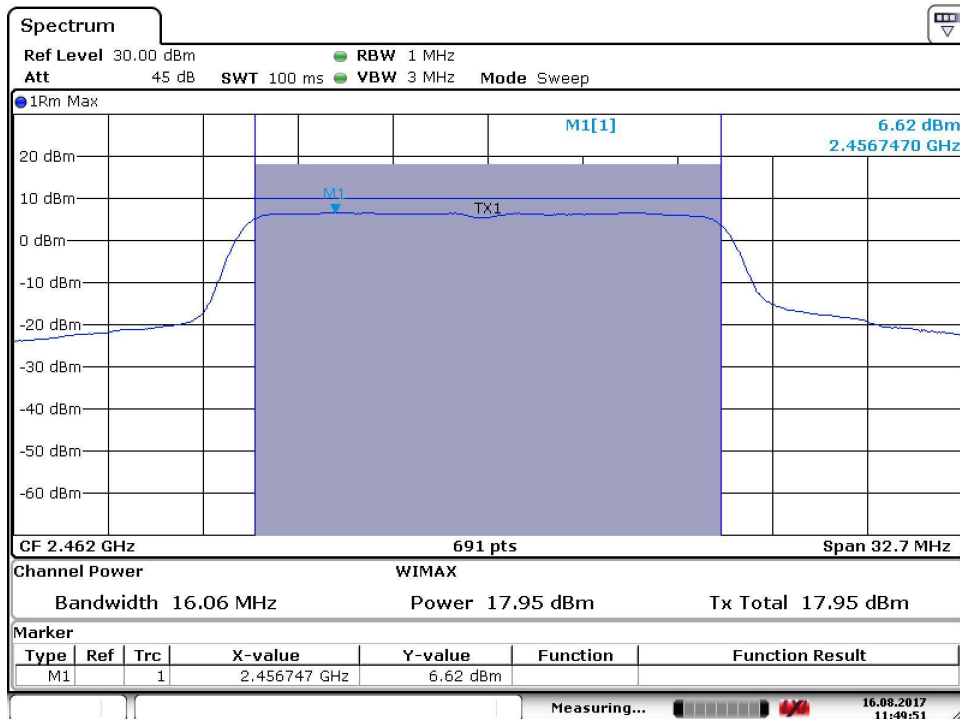
EUT performed within the requirements of the applicable standard Yes No CL Payne

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	
Customer:		Orbit Irrigation Products Inc.				Conformance Standard FCC Part 15 Clause 15.247(b)	
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 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
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Peak Output Power (Cond)

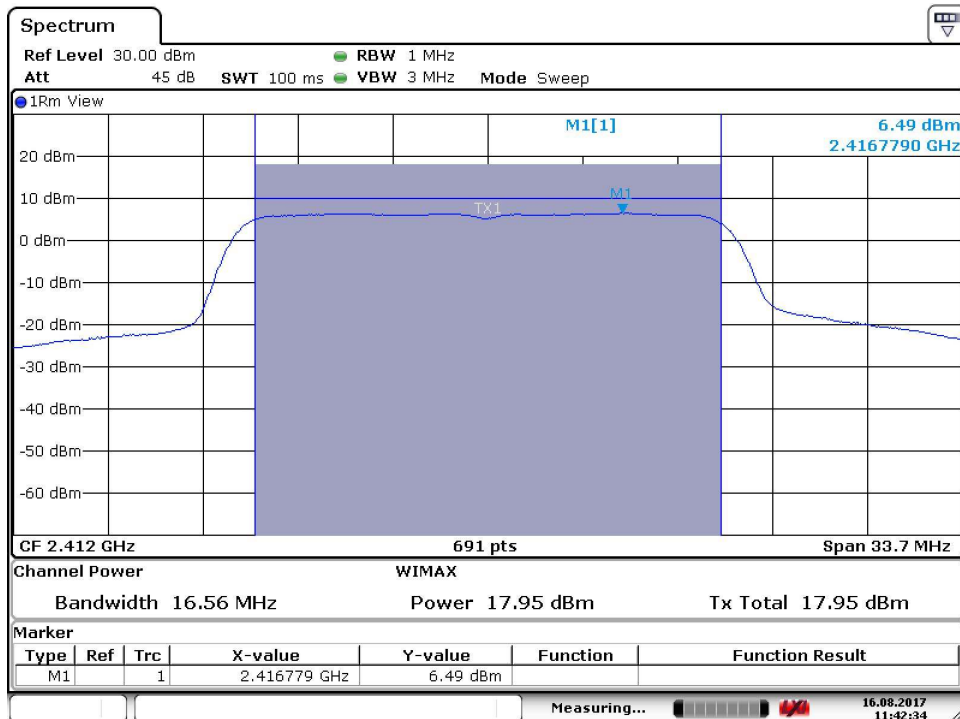
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 802.11n20			

Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
26 °C	30 %	101.35 kPa

EUT performed within the requirements of the applicable standard Yes 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
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 (435) 336-4433
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Peak Output Power (Cond)

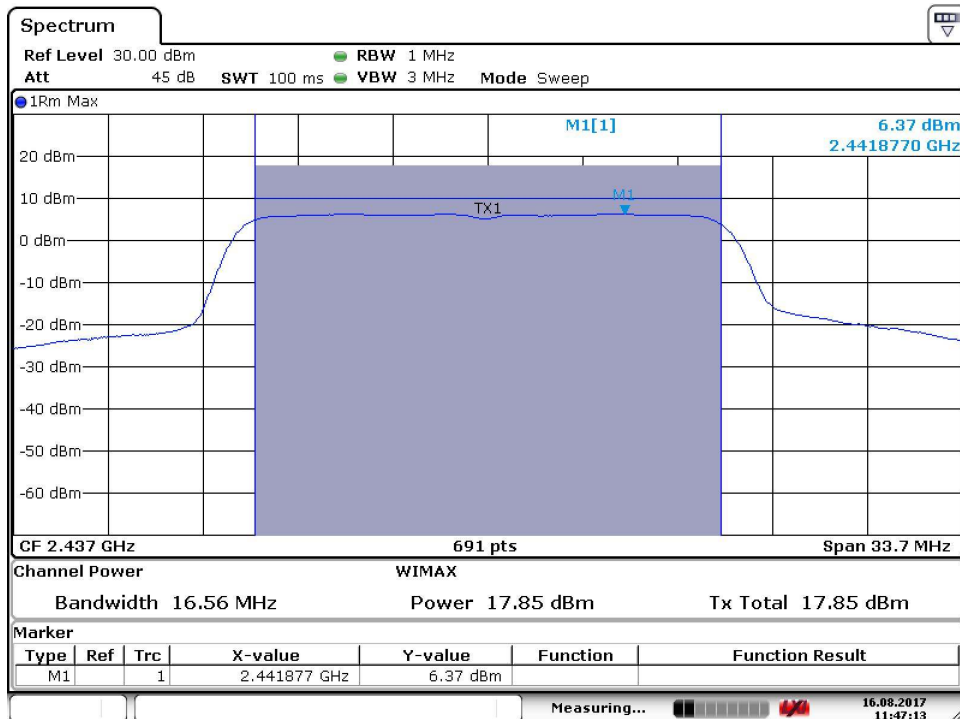
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 802.11n20			

Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
26 °C	30 %	101.35 kPa

EUT performed within the requirements of the applicable standard Yes 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
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Peak Output Power (Cond)

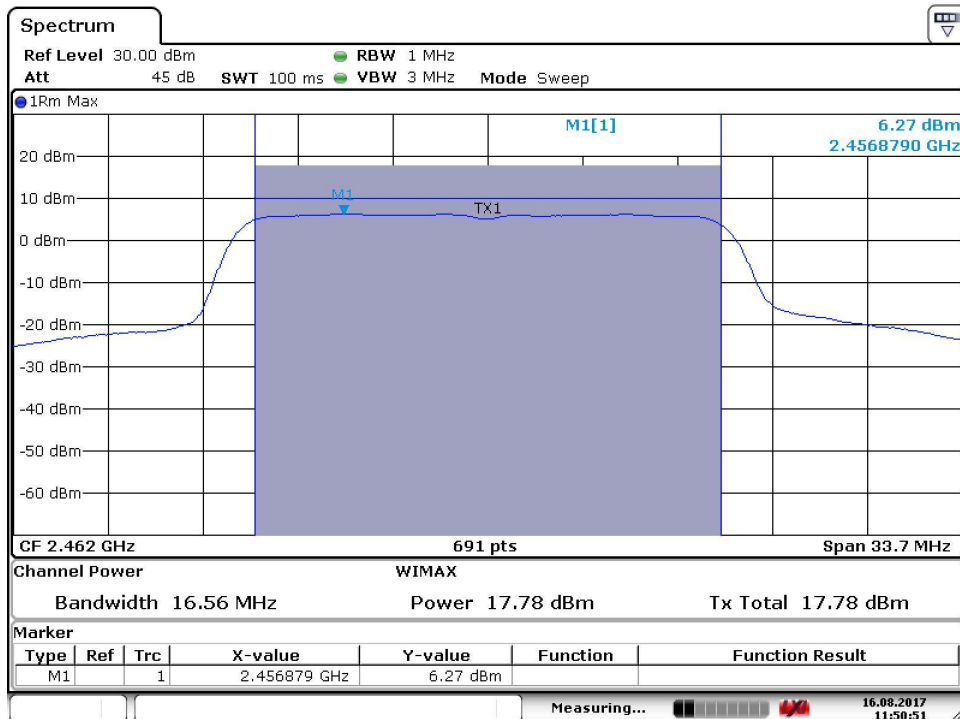
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 802.11n20			

Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
26 °C	30 %	101.35 kPa

EUT performed within the requirements of the applicable standard Yes 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
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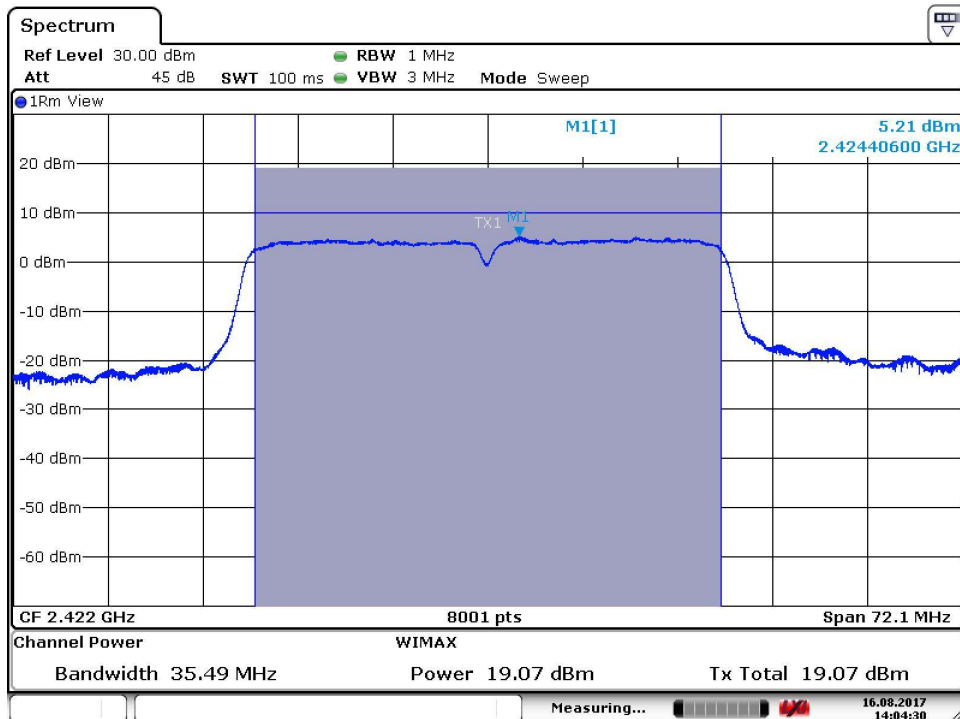
Peak Output Power (Cond)

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

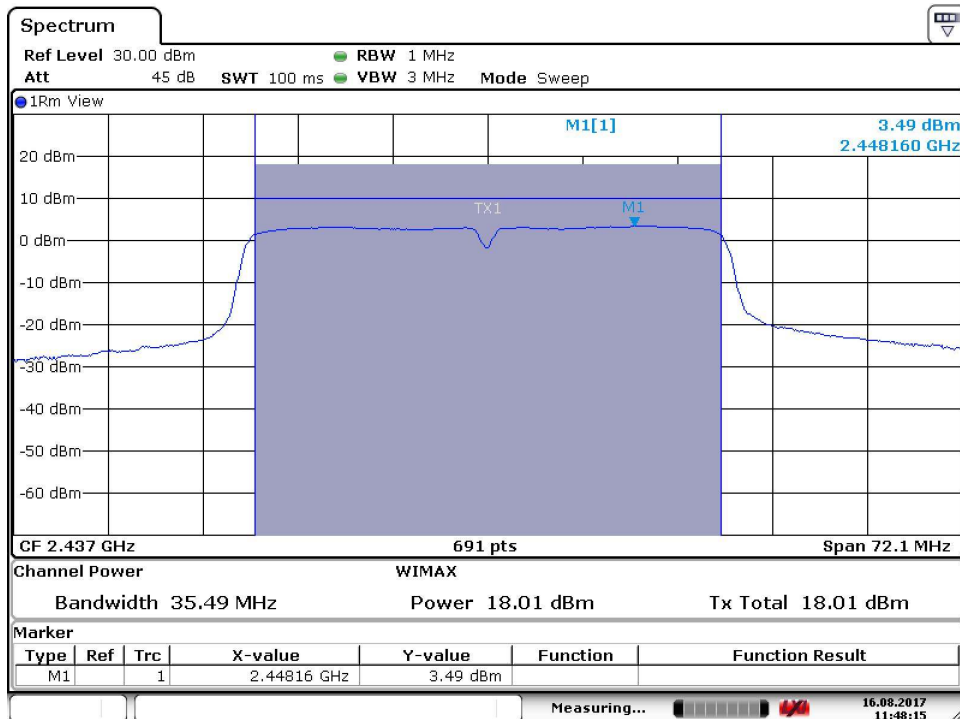
EUT performed within the requirements of the applicable standard Yes No Les Payne

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	
Customer:		Orbit Irrigation Products Inc.				Conformance Standard FCC Part 15	
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
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 (435) 336-4433
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Peak Output Power (Cond)

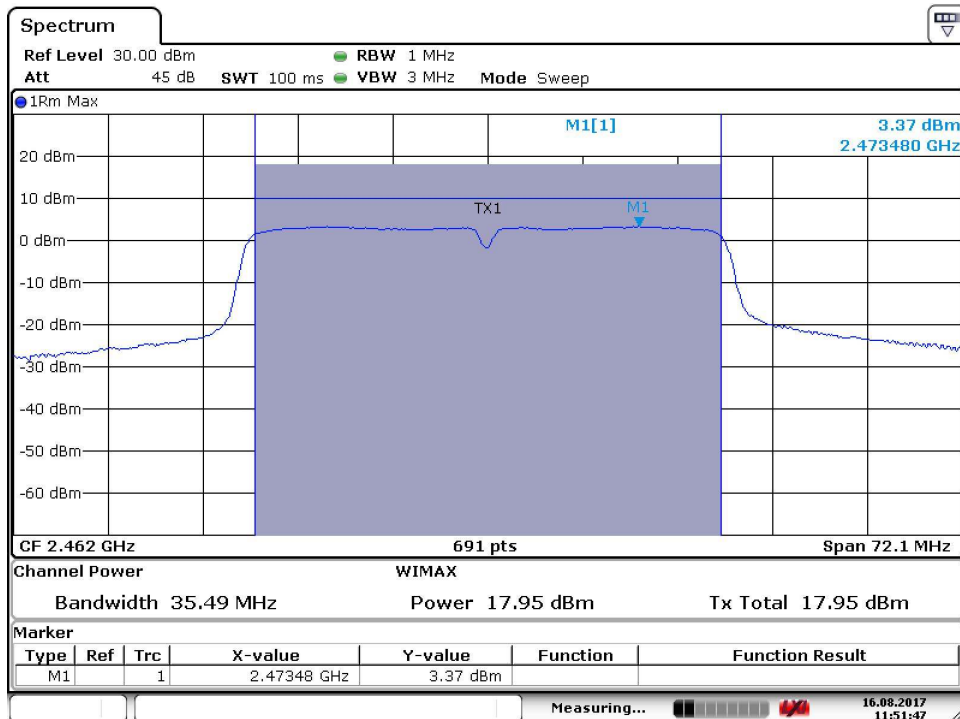
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(b)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 802.11n40			

Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
26 °C	30 %	101.35 kPa

EUT performed within the requirements of the applicable standard Yes 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

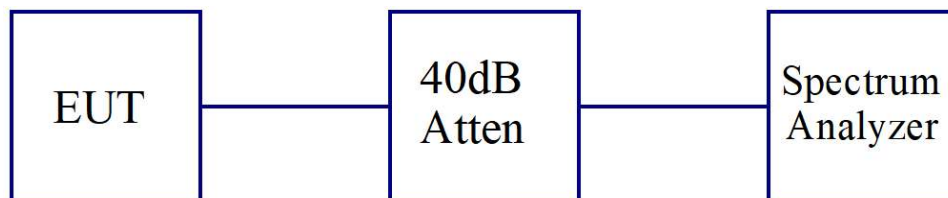
Detector function = peak

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

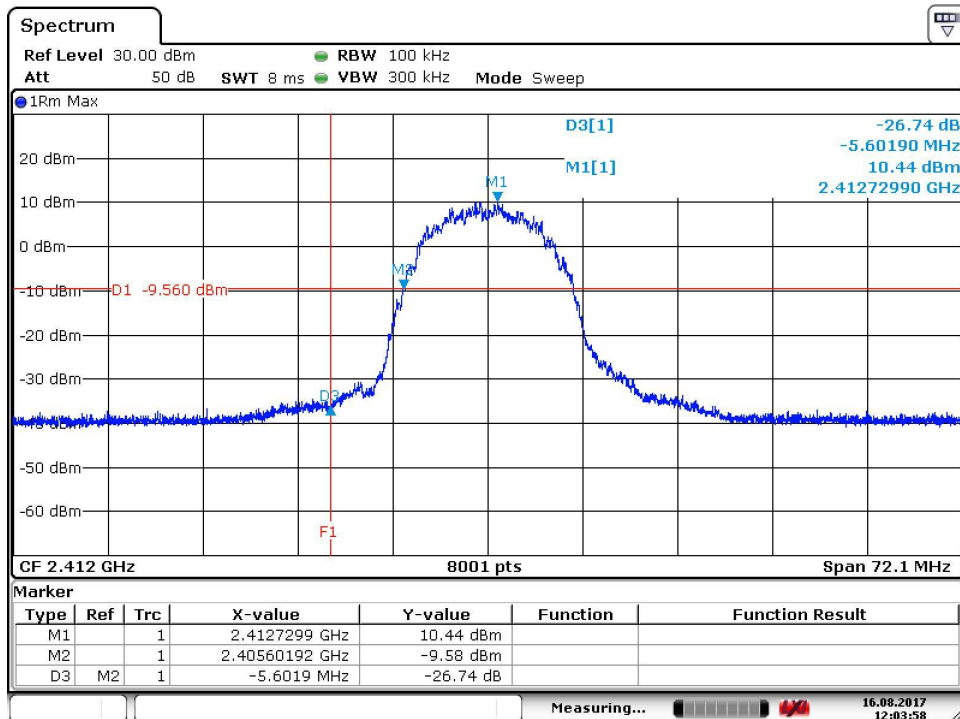




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Band Edge Measurements

DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(a,2,d)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 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				
Conducted Band Edge Measurement			Freq Delta (MHz)	Pass/Fail
Limit	Lower (MHz)	Upper (MHz)		
2400	2405.601920		5.602	Pass



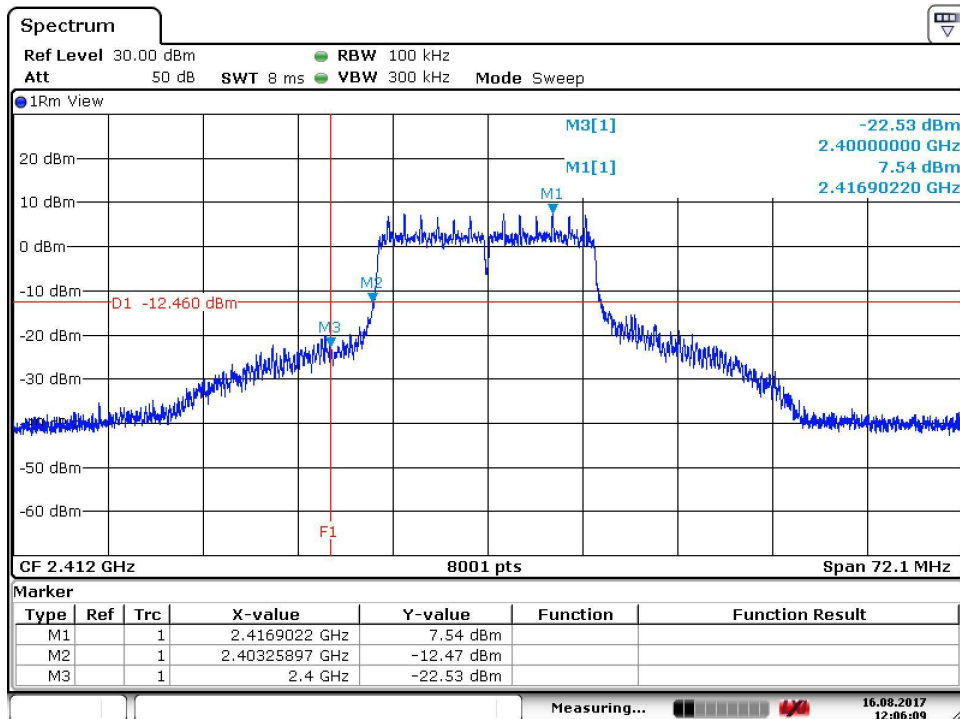
Date: 16.AUG.2017 12:03:58



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Band Edge Measurements

DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(a,2,d)
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)	Pass/Fail
Limit	Lower (MHz)	Upper (MHz)		
2400	2403.258970		3.259	Pass



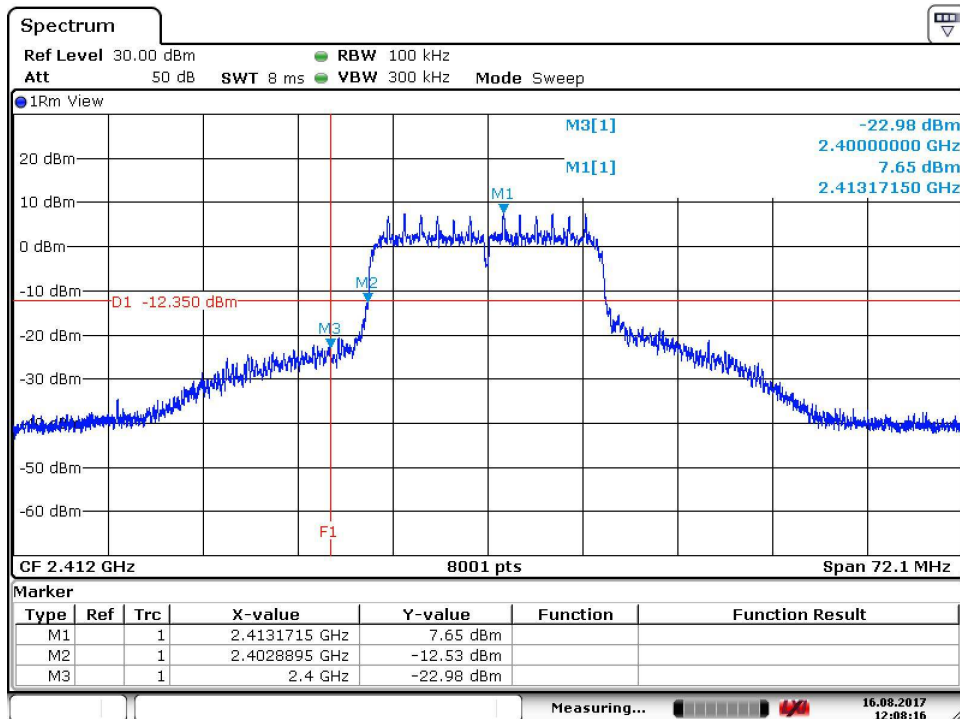
Date: 16.AUG.2017 12:06:09



1100 E Chalk Creek Road
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Band Edge Measurements

DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(a,2,d)
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)	Pass/Fail
Limit	Lower (MHz)	Upper (MHz)		
2400	2402.889500		2.890	Pass



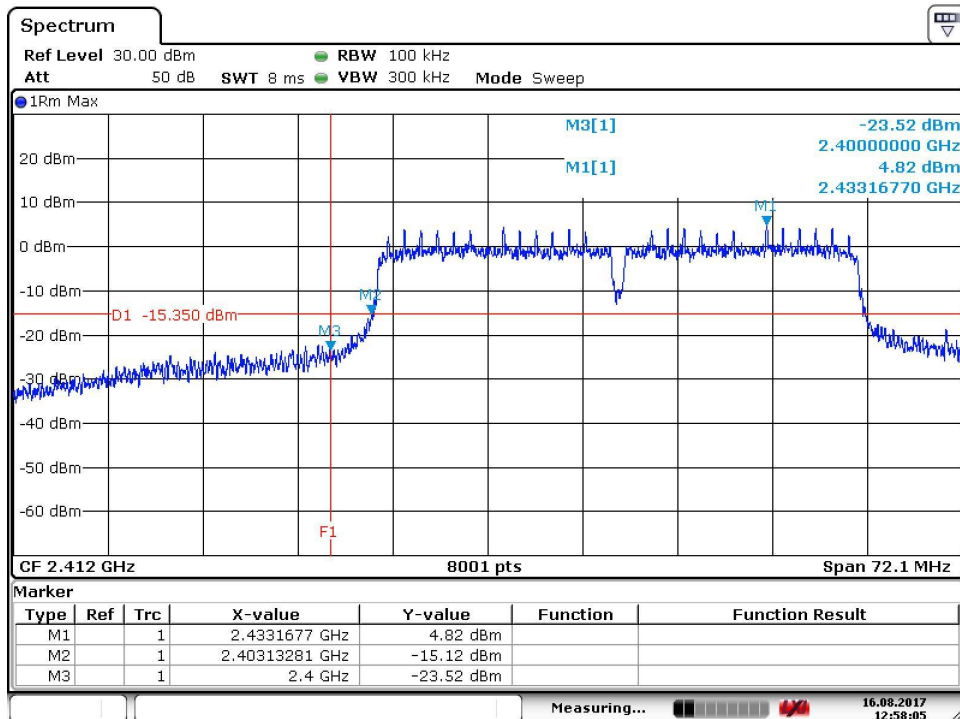
Date: 16.AUG.2017 12:08:15



1100 E Chalk Creek Road
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Band Edge Measurements

DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(a,2,d)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 802.11n40			
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)	Pass/Fail
Limit	Lower (MHz)	Upper (MHz)		
2400	2403.132810		3.133	Pass



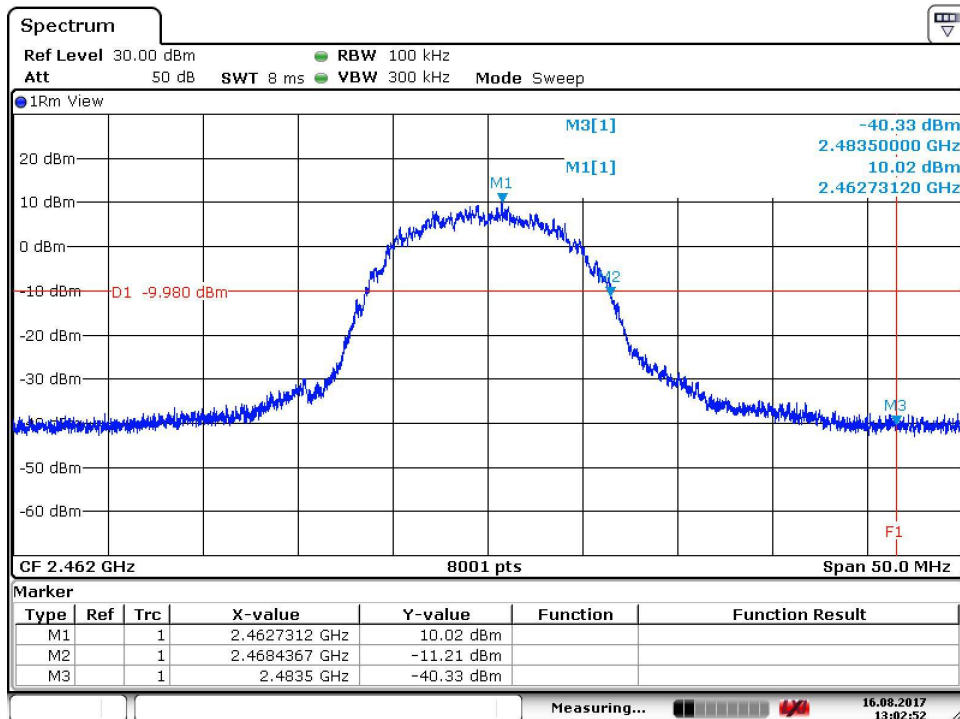
Date: 16.AUG.2017 12:58:05



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Band Edge Measurements

DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(a,2,d)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 802.11b			
Ambient Temperature		Relative Humidity		Barometric Pressure
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)		
2483.5		2468.436700	15.063	Pass



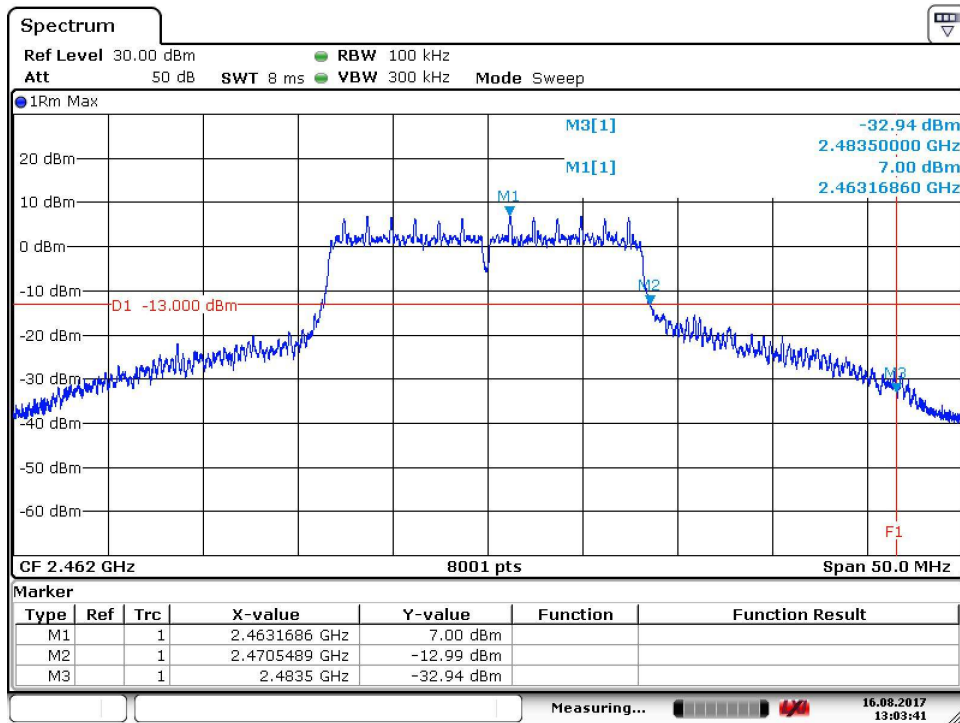
Date: 16.AUG.2017 13:02:52



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Band Edge Measurements

DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(a,2,d)
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)	Pass/Fail
Limit	Lower (MHz)	Upper (MHz)		
2483.5		2470.548900	12.951	Pass



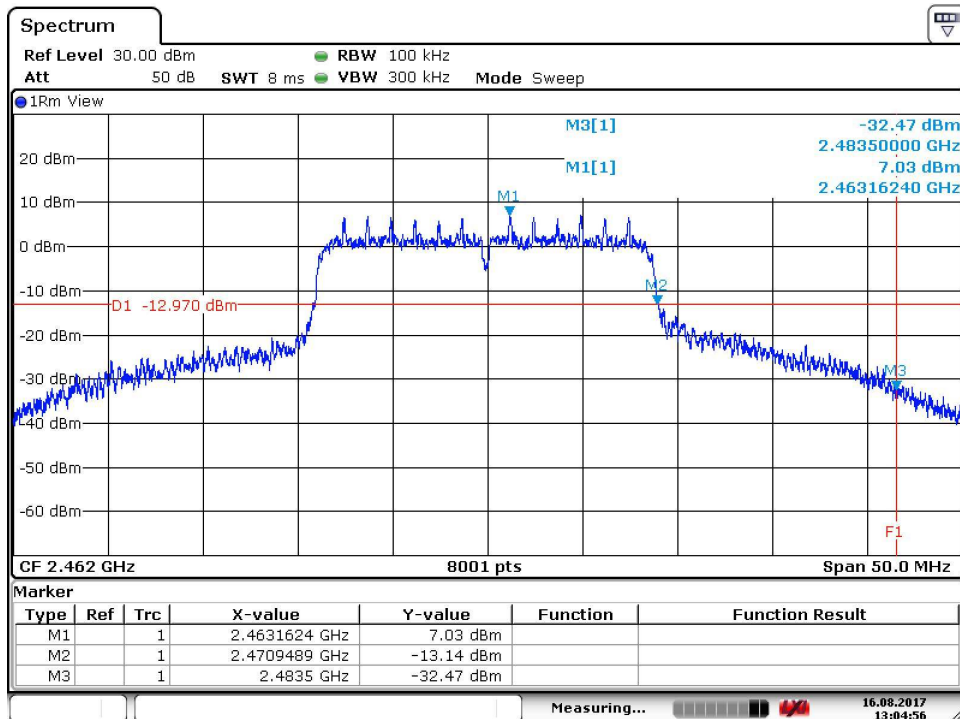
Date: 16.AUG.2017 13:03:41



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Band Edge Measurements

DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(a,2,d)
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 [X] Yes [] No CL Payne				
Conducted Band Edge Measurement			Freq Delta (MHz)	Pass/Fail
Limit	Lower (MHz)	Upper (MHz)		
2483.5		2470.948900	12.551	Pass



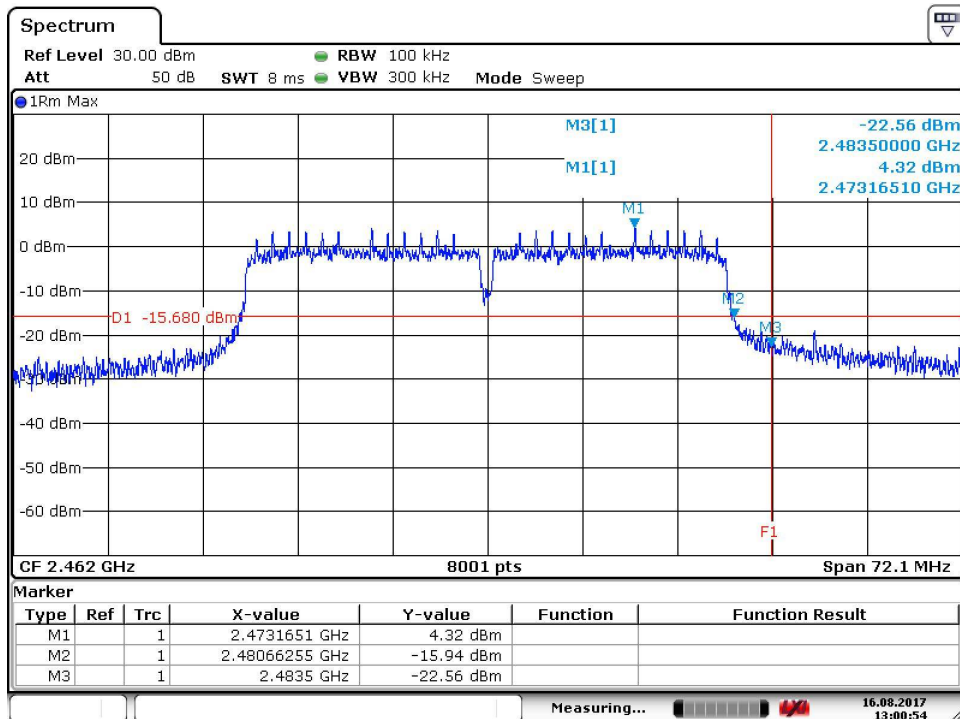
Date: 16.AUG.2017 13:04:56



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Band Edge Measurements

DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(a,2,d)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 802.11n40			
Ambient Temperature		Relative Humidity		Barometric Pressure
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)		
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	Conformance Standard FCC Part 15
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Les Payne				

Test Procedure: ANSI C63.10-2013

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

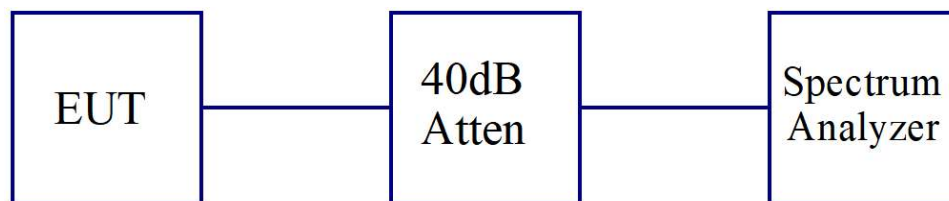
Use the following spectrum analyzer settings:

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

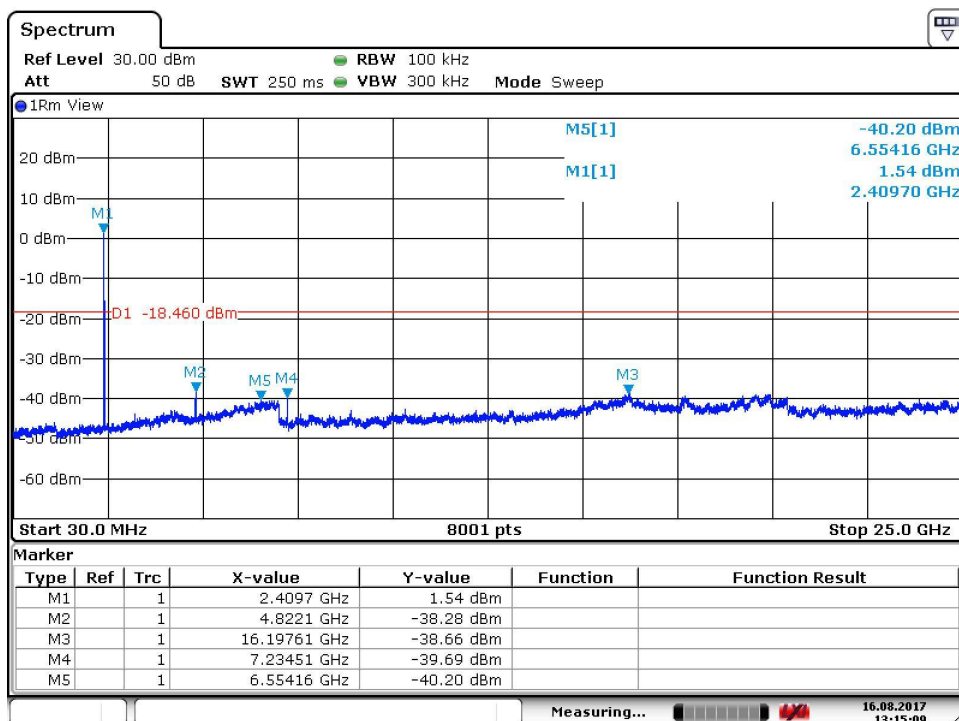




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Conducted Spurious

DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(a,2,d)
Customer:	Orbit Irrigation Products Inc.			
Model Number:	WT25			
Description:	WiFi Transmitter 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