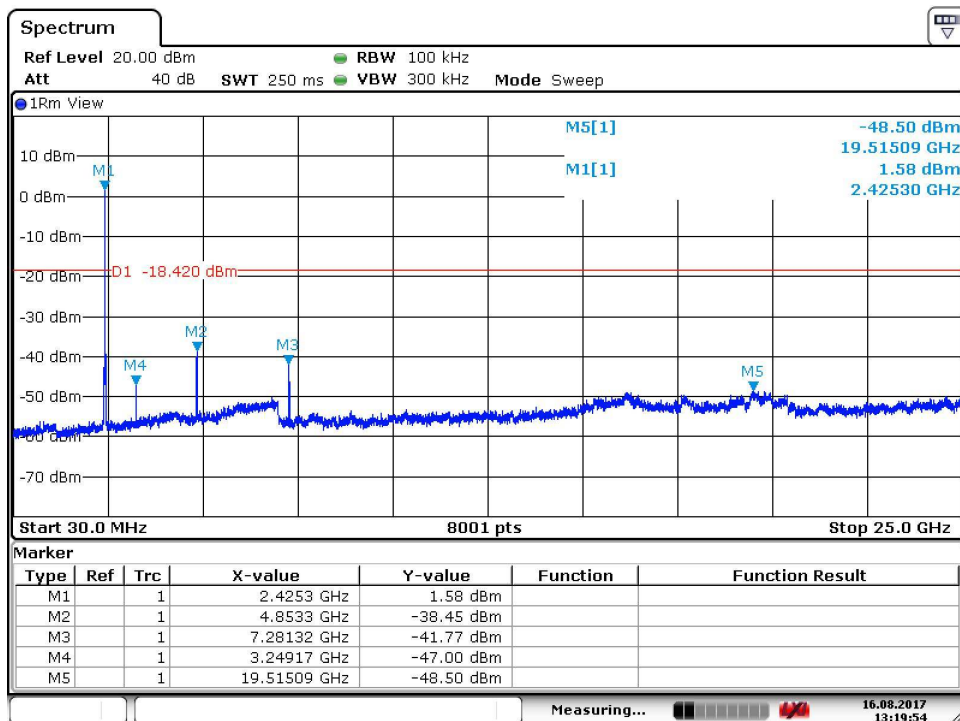




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Conducted Spurious

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
Middle	10.25 dBm	1.58	-18.42	Pass



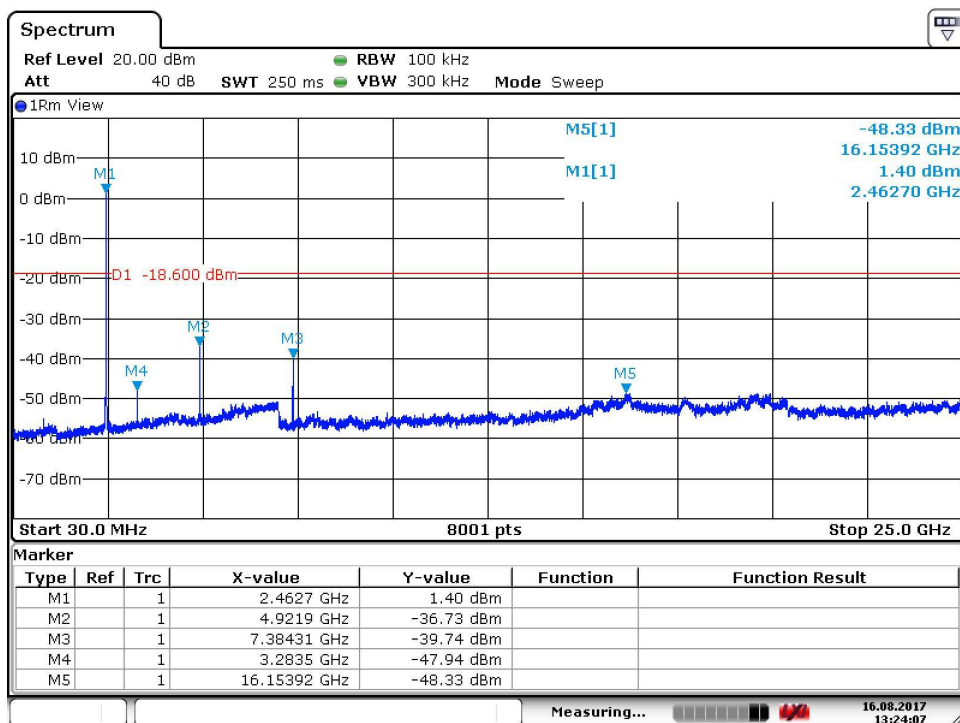
Date: 16.AUG.2017 13:19:54



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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
High	10.16 dBm	1.40	-18.6	Pass



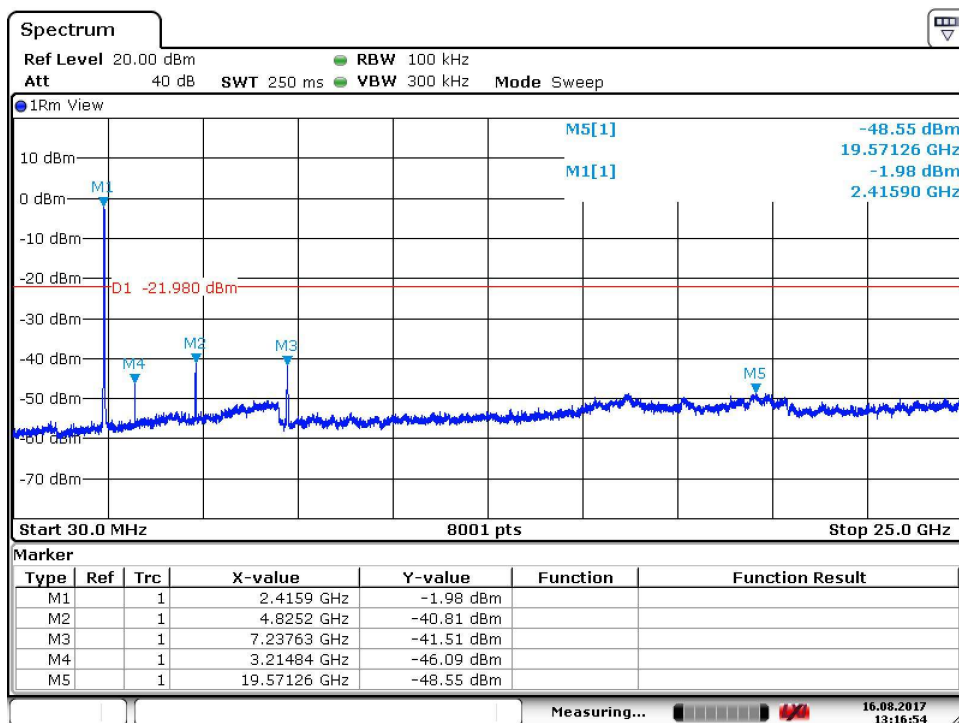
Date: 16.AUG.2017 13:24:07



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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 802.11g			
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				
Channel	Peak Output Power	Reading (dBm)	-20dBc (dBm)	Pass/Fail
Low	6.84 dBm	-1.98	-21.98	Pass



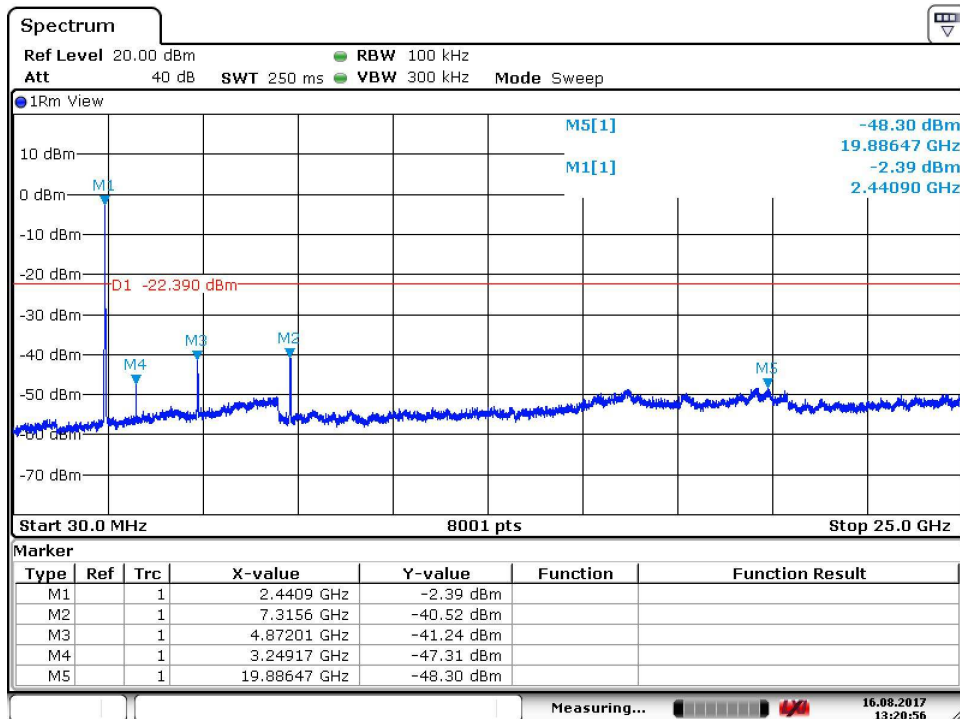
Date: 16.AUG.2017 13:16:54



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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 802.11g			
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				
Channel	Peak Output Power	Reading (dBm)	-20dBc (dBm)	Pass/Fail
Middle	6.66 dBm	-2.39	-22.39	Pass



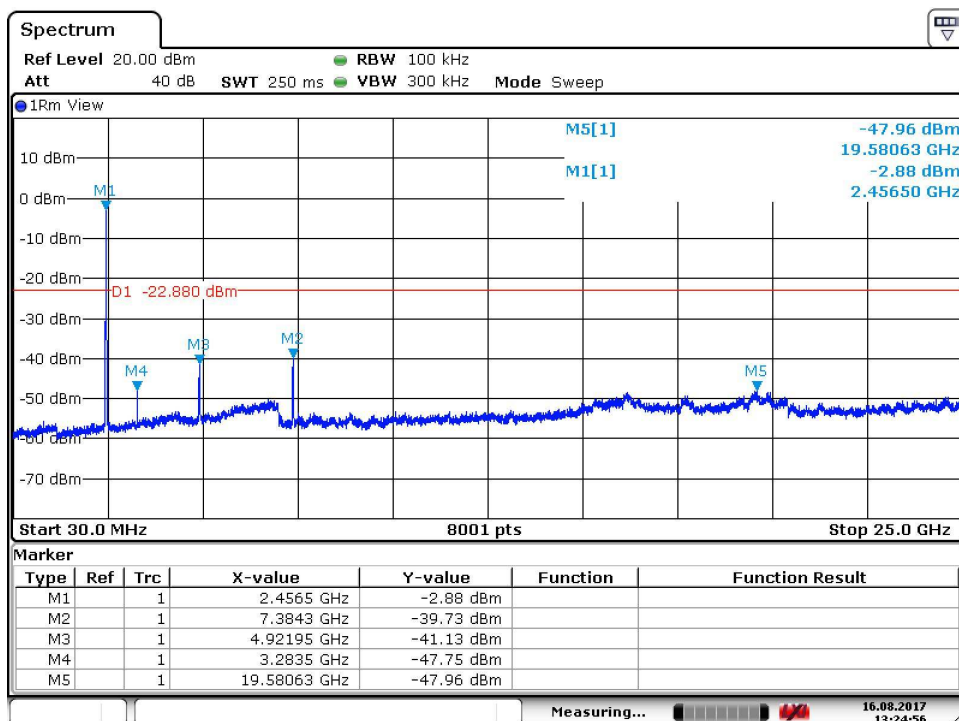
Date: 16.AUG.2017 13:20:56



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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				
Channel	Peak Output Power	Reading (dBm)	-20dBc (dBm)	Pass/Fail
High	6.62 dBm	-2.88	-22.88	Pass



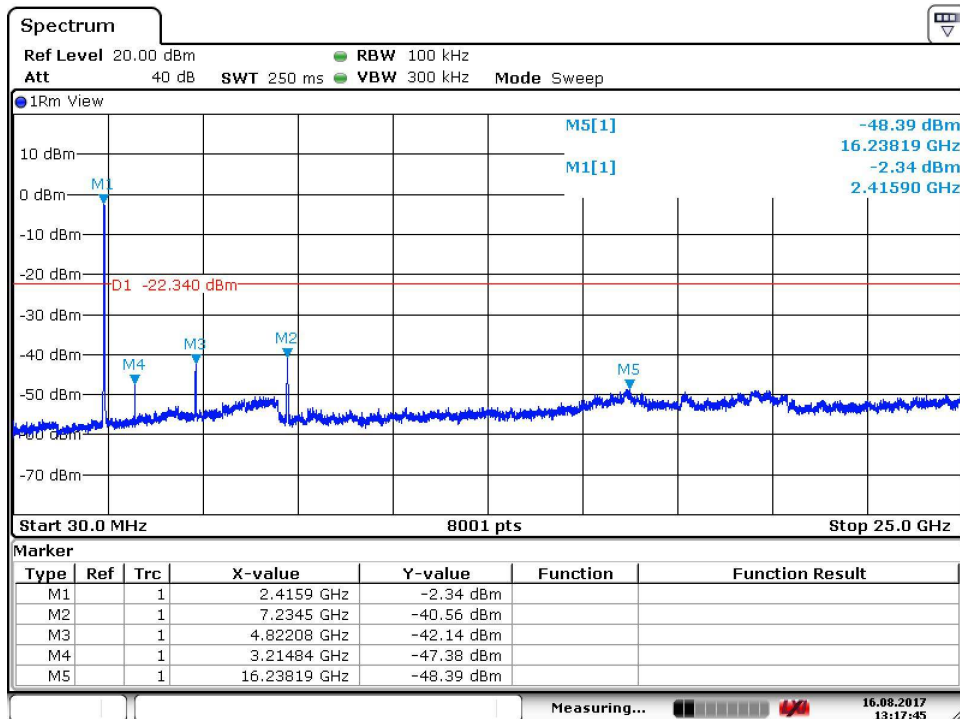
Date: 16.AUG.2017 13:24:56



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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				
Channel	Peak Output Power	Reading (dBm)	-20dBc (dBm)	Pass/Fail
Low	6.49 dBm	-2.34	-22.34	Pass



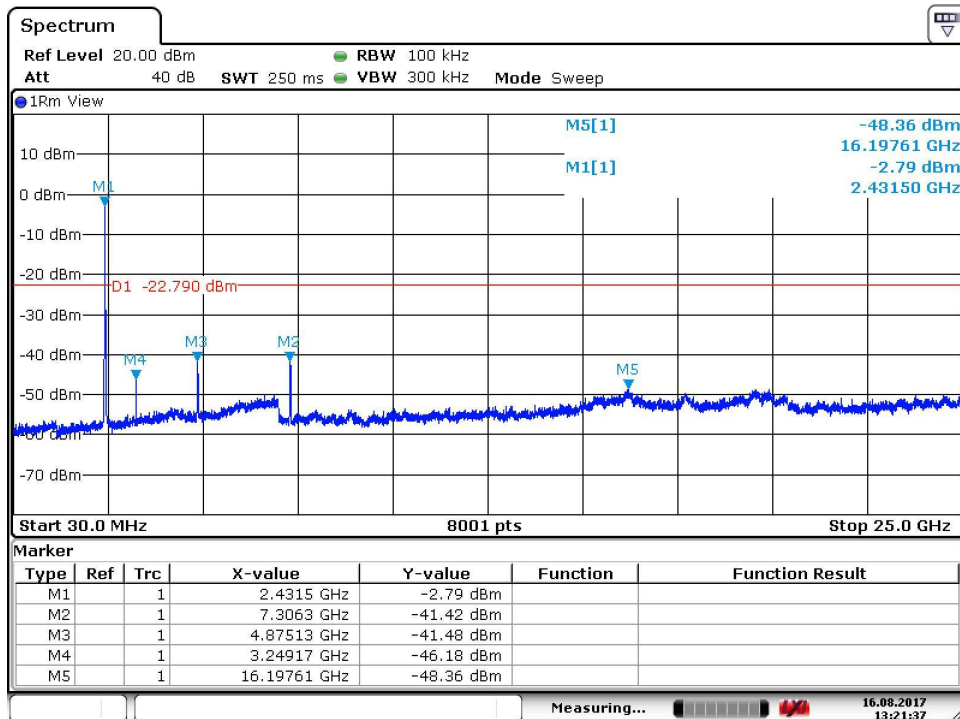
Date: 16.AUG.2017 13:17:45



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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 802.11n20			
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				
Channel	Peak Output Power	Reading (dBm)	-20dBc (dBm)	Pass/Fail
Middle	6.37 dBm	-2.79	-22.79	Pass



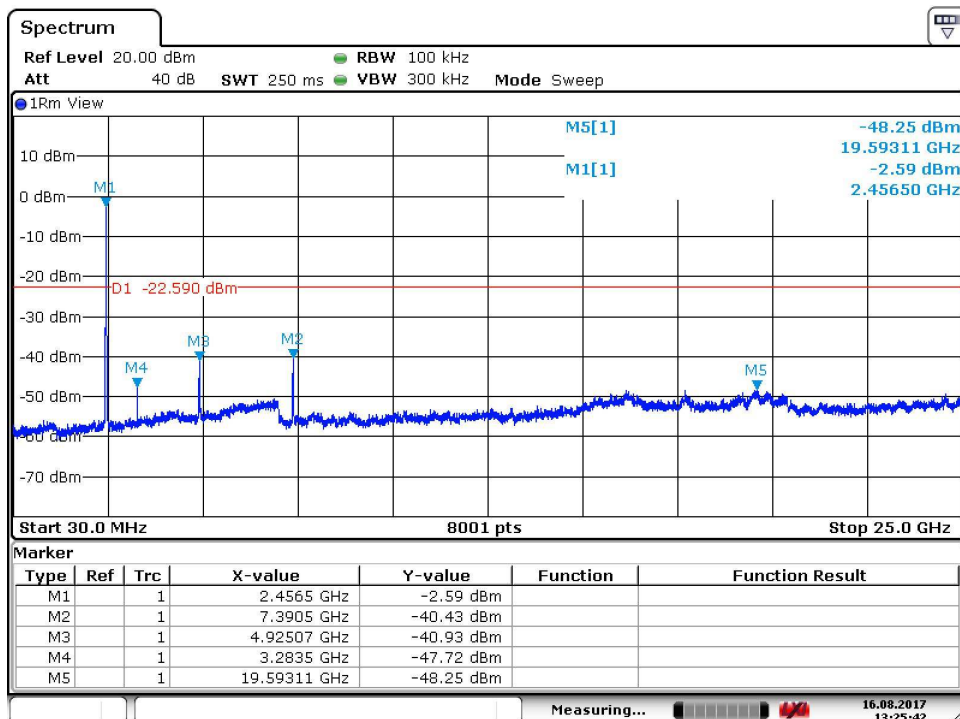
Date: 16.AUG.2017 13:21:37



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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 802.11n20			
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				
Channel	Peak Output Power	Reading (dBm)	-20dBc (dBm)	Pass/Fail
High	6.27 dBm	-2.59	-22.59	Pass



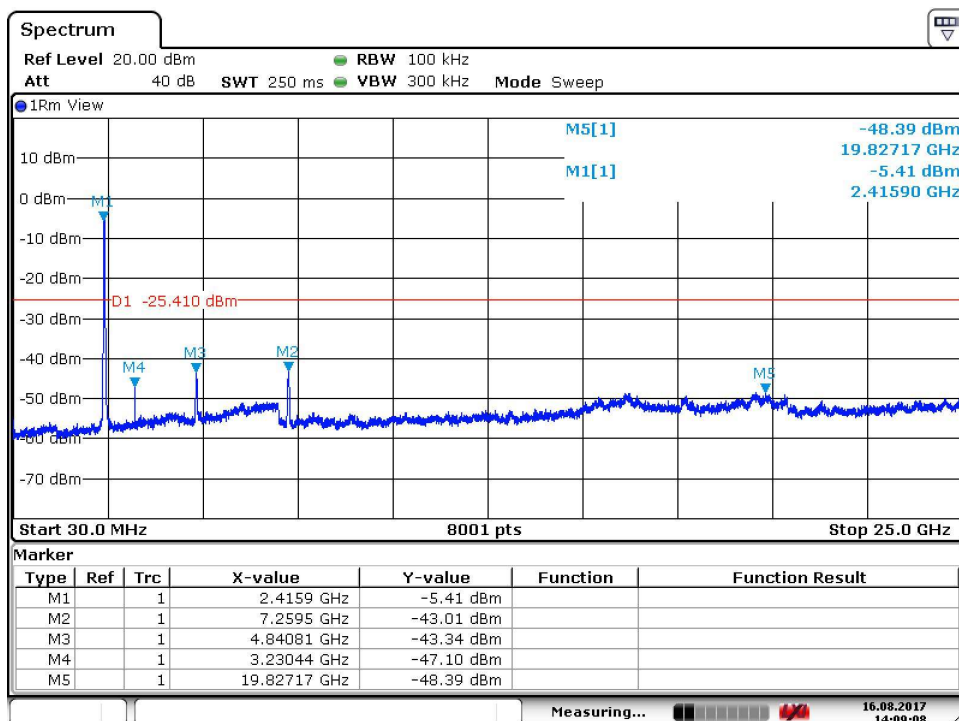
Date: 16.AUG.2017 13:25:41



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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 802.11n40			
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				
Channel	Peak Output Power	Reading (dBm)	-20dBc (dBm)	Pass/Fail
Low	5.21 dBm	-5.41	-25.41	Pass



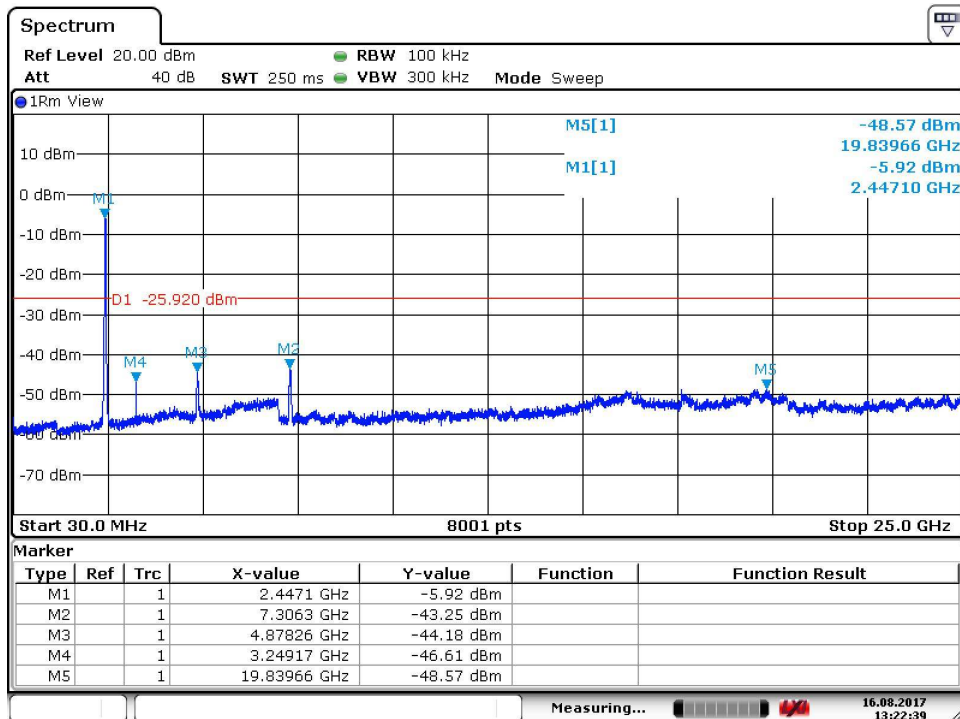
Date: 16.AUG.2017 14:09:08



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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 802.11n40			
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				
Channel	Peak Output Power	Reading (dBm)	-20dBc (dBm)	Pass/Fail
Middle	3.49 dBm	-5.92	-25.92	Pass



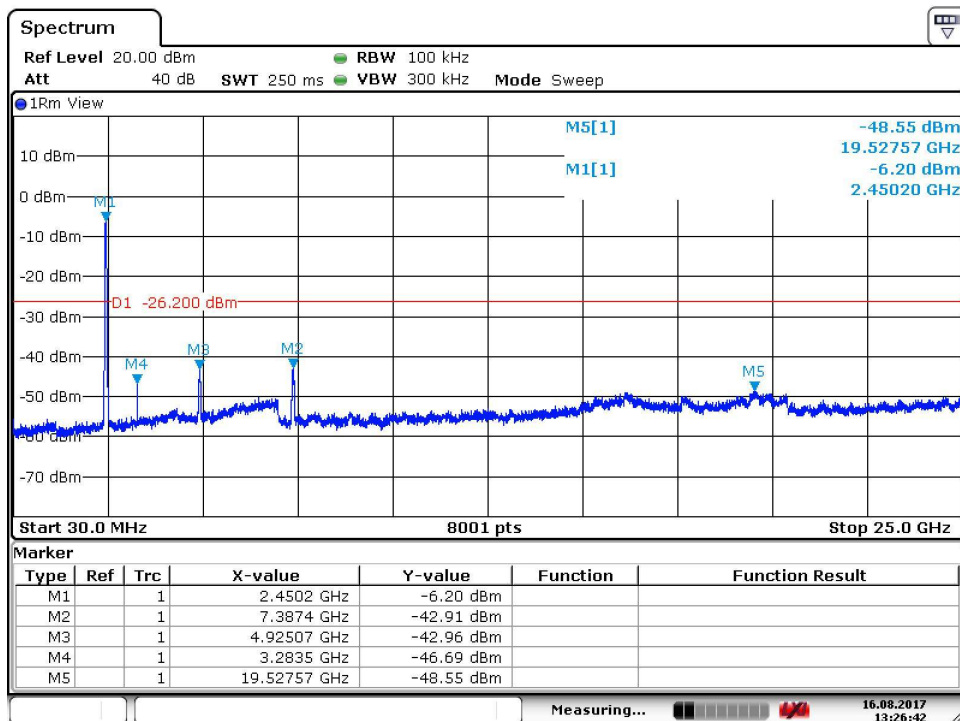
Date: 16.AUG.2017 13:22:39



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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 802.11n40			
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				
Channel	Peak Output Power	Reading (dBm)	-20dBc (dBm)	Pass/Fail
High	3.37 dBm	-6.20	-26.2	Pass



Date: 16.AUG.2017 13:26:42

15.247(a,2,e): Power spectral density(PSD).

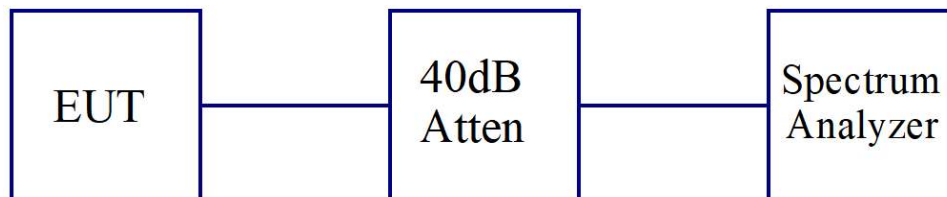
Test Procedure: ANSI C63.10-2013


Clause 11.10.2 Method PKPSD (peak PSD)

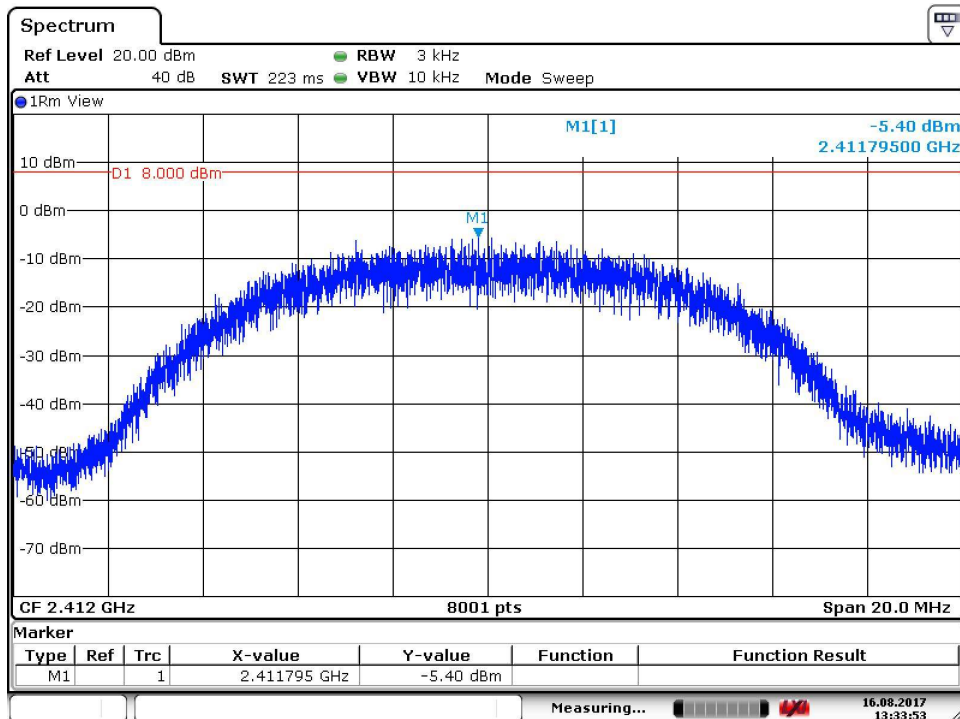
The following procedure shall be used if the maximum peak conducted output power was used to determine compliance, and it is optional if the maximum conducted (average) output power was used to determine compliance:

- a) Set analyzer center frequency to DTS channel center frequency
- b) Set the span to 1.5 times the DTS bandwidth
- c) Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
- d) Set the VBW $\geq [3 \times \text{RBW}]$
- e) Detector = peak
- f) Sweep time = auto couple
- g) Trace mode = max hold
- h) Allow trace to fully stabilize
- i) Use the peak marker function to determine the maximum amplitude level within the RBW
- j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat
- k) Submit plots


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

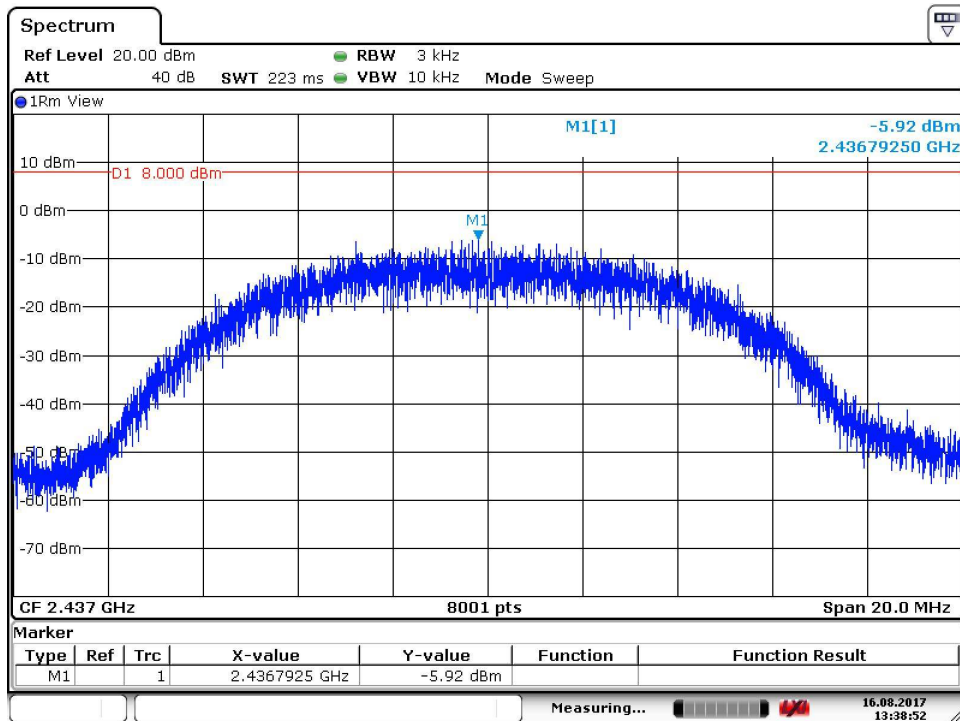


		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		Power Spectral Density	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
Customer:	Orbit Irrigation Products Inc.				
Model Number:	WT25				
Description:	WiFi Transmitter				
	802.11b				
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					
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
Low	2412	-5.40	8.0	-13.4	Pass




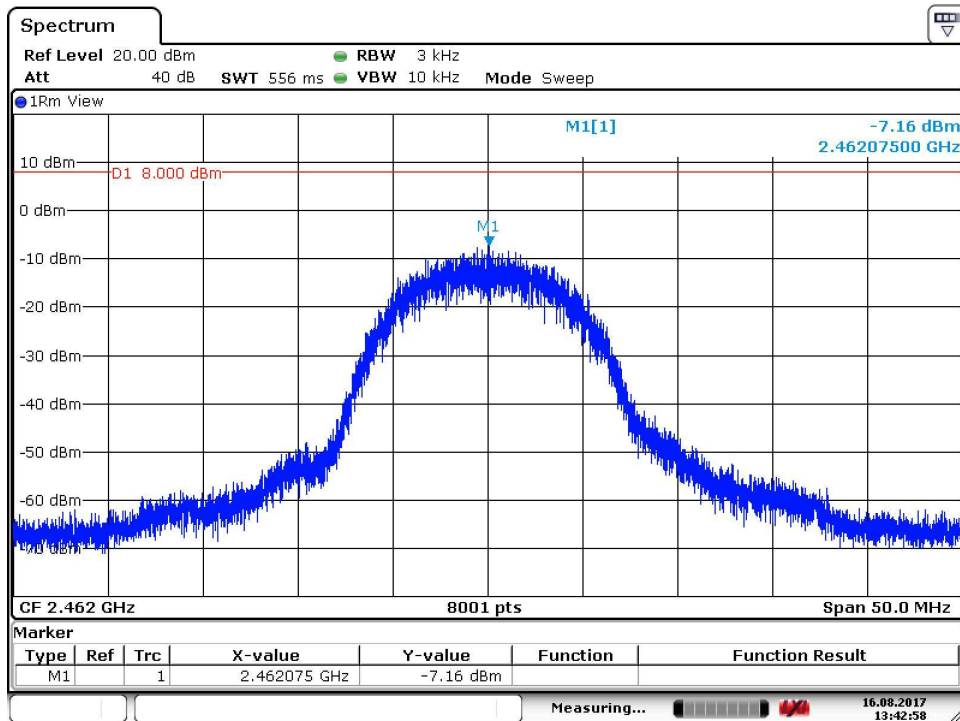
Date: 16.AUG.2017 13:33:53

		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		<h2>Power Spectral Density</h2>	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
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					
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
Middle	2437	-5.92	8.0	-13.92	Pass




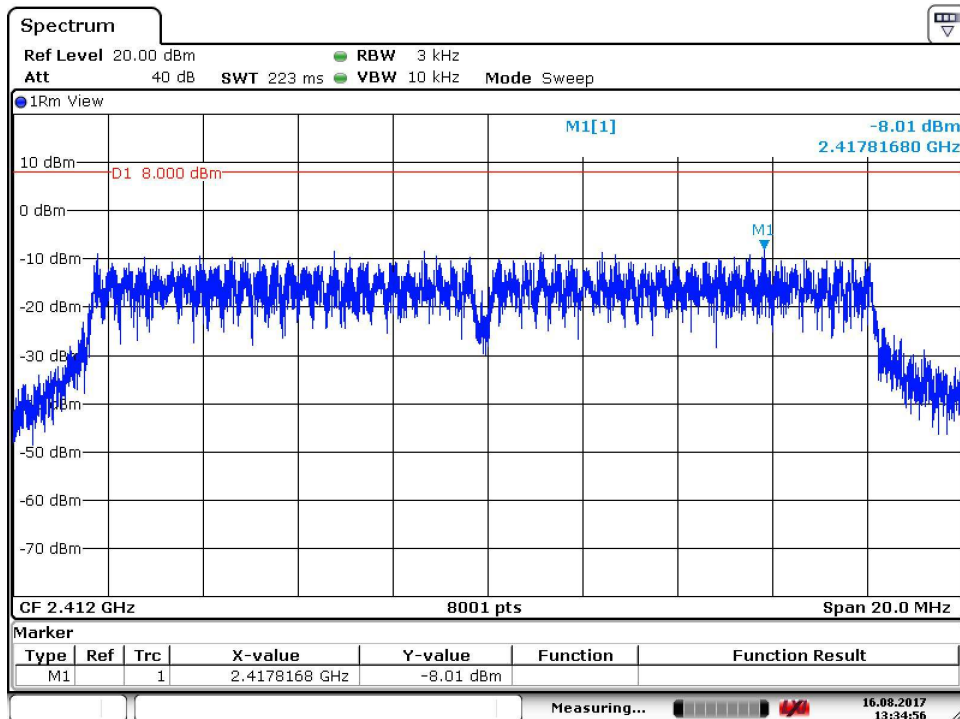
Date: 16.AUG.2017 13:38:52

		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		<h2>Power Spectral Density</h2>	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
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					
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
High	2462	-7.16	8.0	-15.16	Pass




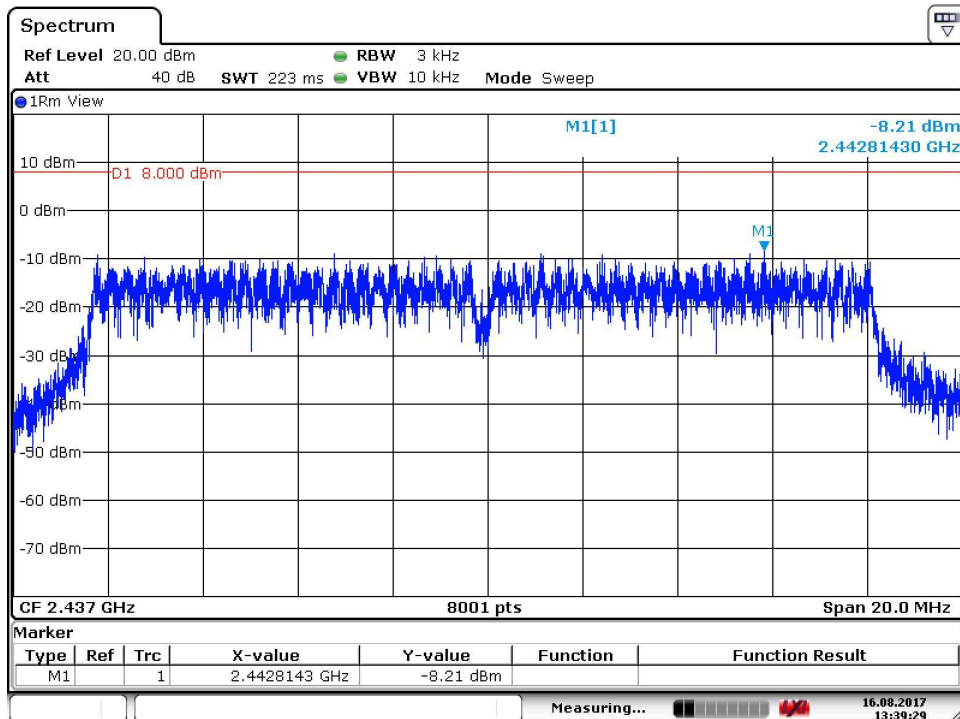
Date: 16.AUG.2017 13:42:58

		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		<h2>Power Spectral Density</h2>	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
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 CL Payne					
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
Low	2412	-8.01	8.0	-16.01	Pass




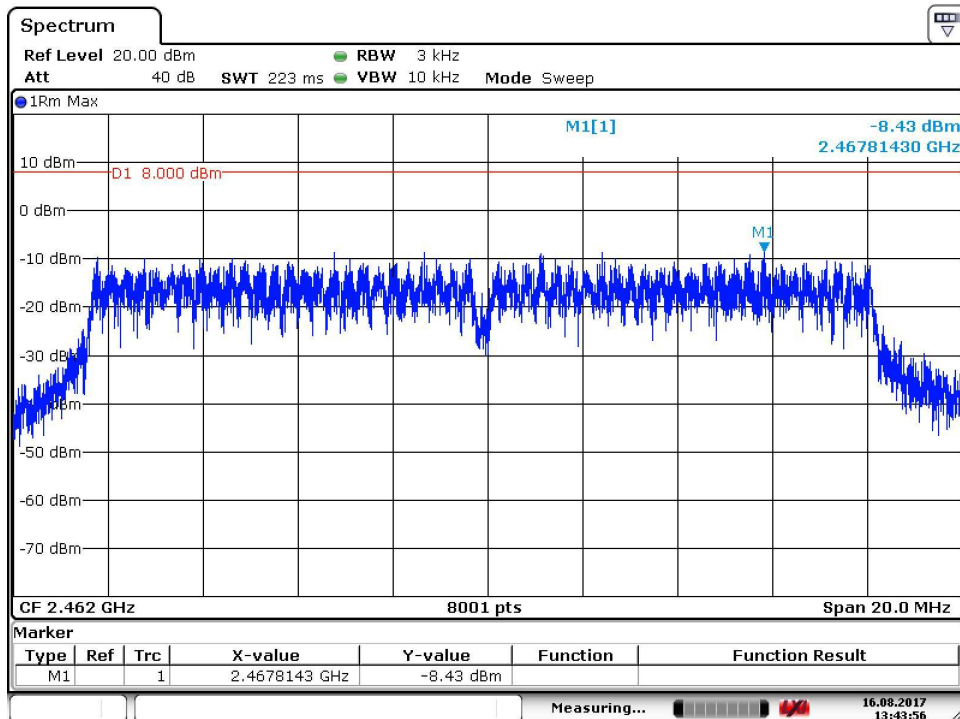
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		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		<h2>Power Spectral Density</h2>	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
Customer:	Orbit Irrigation Products Inc.				
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 [X] Yes [] No CL Payne					
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
Middle	2437	-8.21	8.0	-16.21	Pass




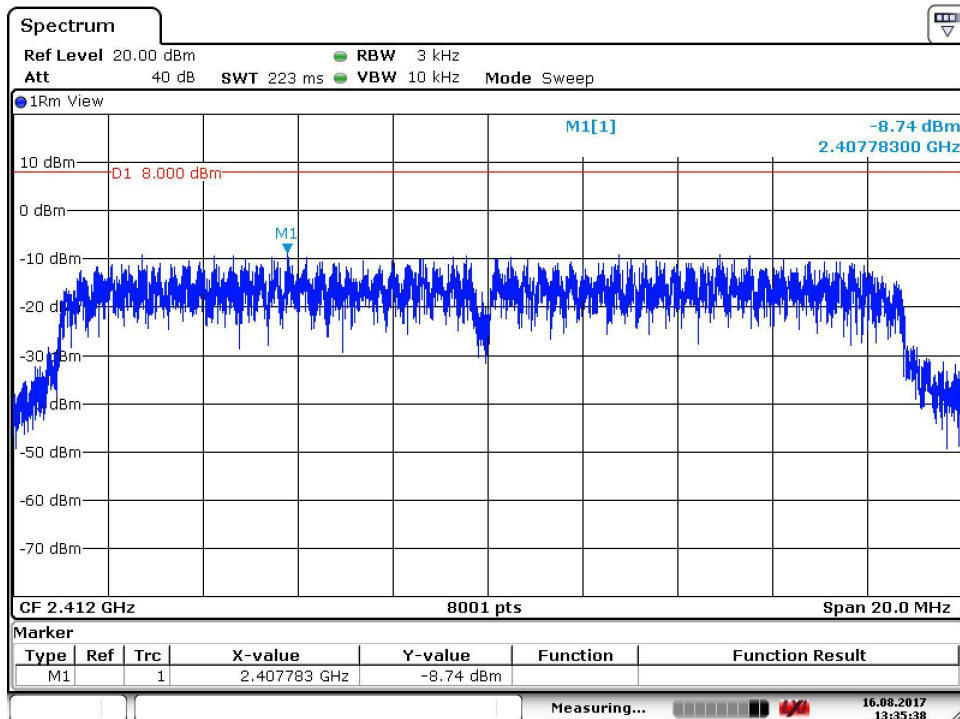
Date: 16.AUG.2017 13:39:29

		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		<h2>Power Spectral Density</h2>	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
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 [X] Yes [] No CL Payne					
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
High	2462	-8.43	8.0	-16.43	Pass




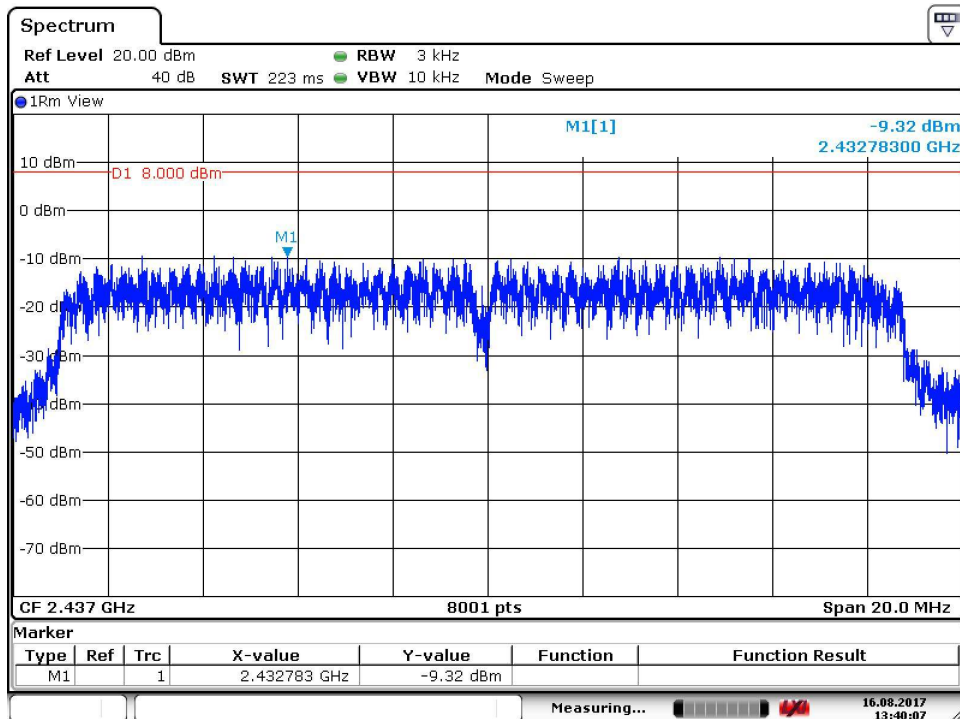
Date: 16.AUG.2017 13:43:56

		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		<h2>Power Spectral Density</h2>	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
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	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
Low	2412	-8.74	8.0	-16.74	Pass




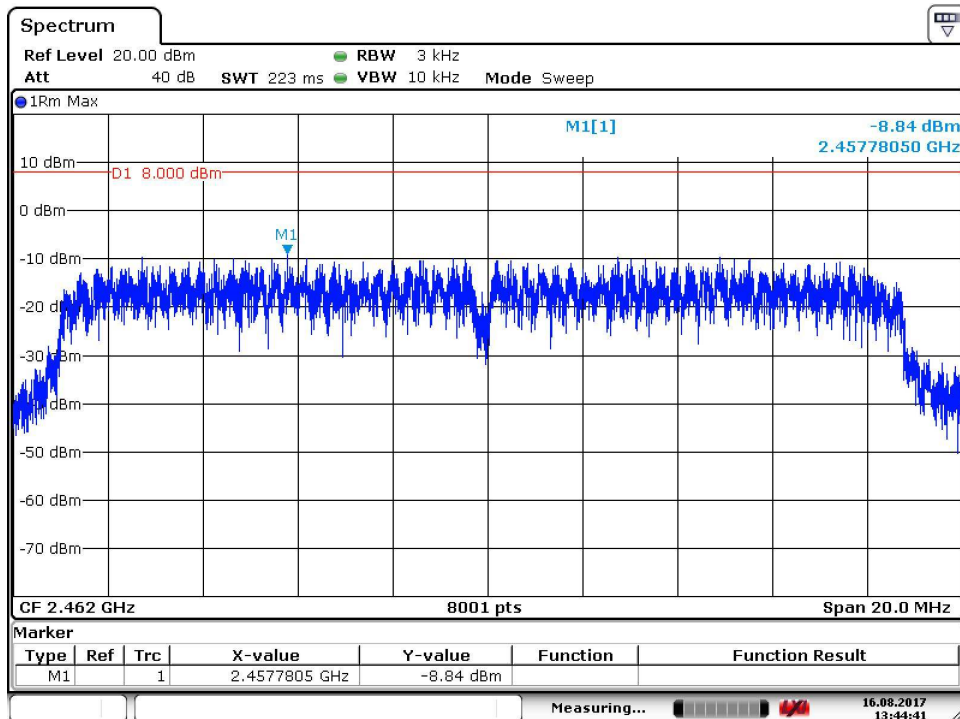
Date: 16.AUG.2017 13:35:38

		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		<h2>Power Spectral Density</h2>	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
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	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
Middle	2437	-9.32	8.0	-17.32	Pass




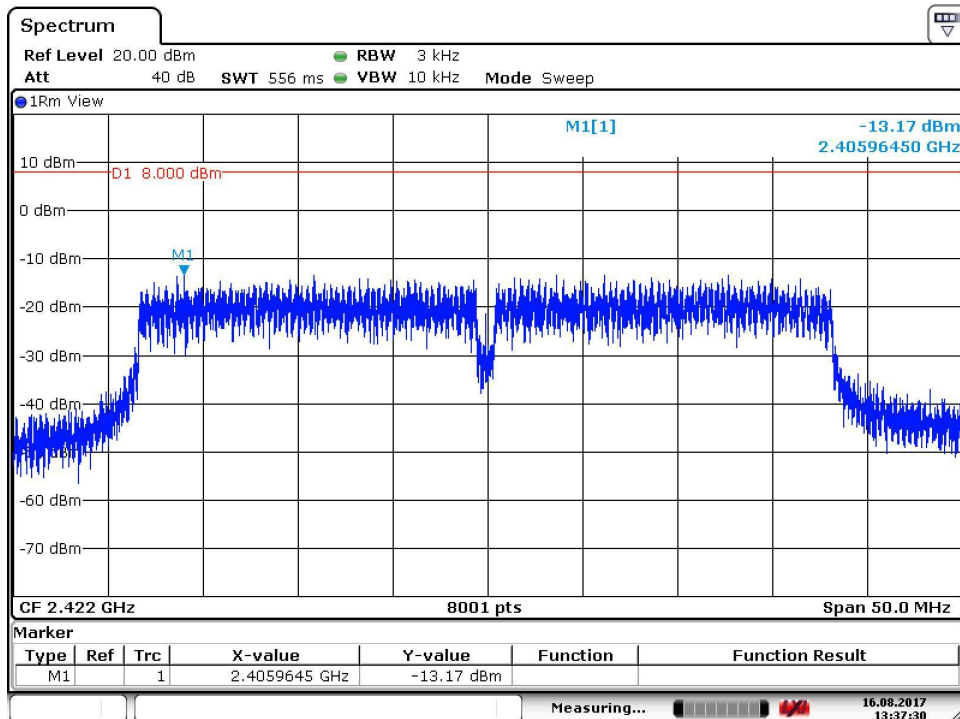
Date: 16.AUG.2017 13:40:07

		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		<h2>Power Spectral Density</h2>	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
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	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
High	2462	-8.84	8.0	-16.84	Pass




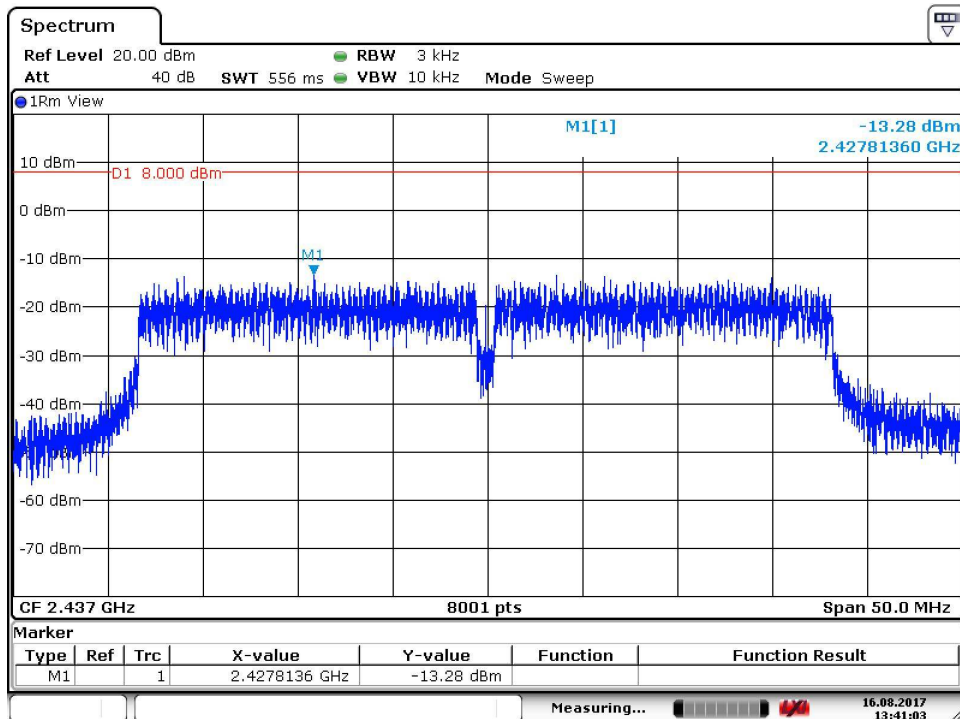
Date: 16.AUG.2017 13:44:41

		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		<h2>Power Spectral Density</h2>	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
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 CL Payne					
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
Low	2422	-13.17	8.0	-21.17	Pass




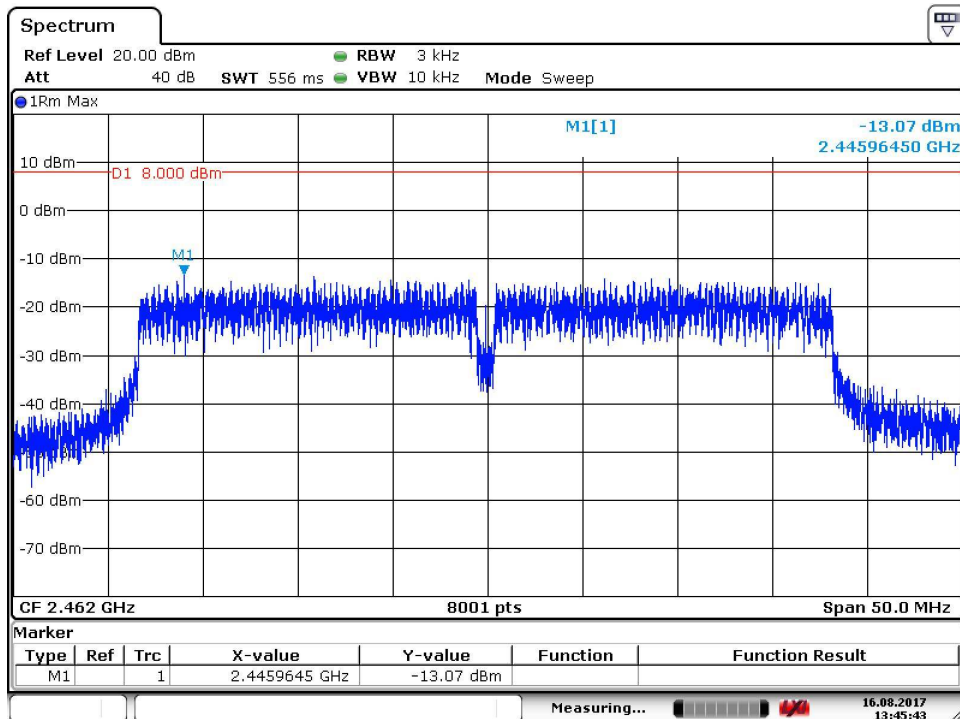
Date: 16.AUG.2017 13:37:30

		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		Power Spectral Density	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
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 CL Payne					
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
Middle	2437	-13.28	8.0	-21.28	Pass



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

		1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		<h2>Power Spectral Density</h2>	
DNB Job Number:	86019	Date:	16 Aug 2017	Conformance Standard FCC Part 15 Clause 15.247(d)	
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 CL Payne					
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail
High	2462	-13.07	8.0	-21.07	Pass



Date: 16.AUG.2017 13:45:43

2.1033 (b) (7) Equipment Photographs

Supplied separately for confidentiality

End of Report UT86019B-002