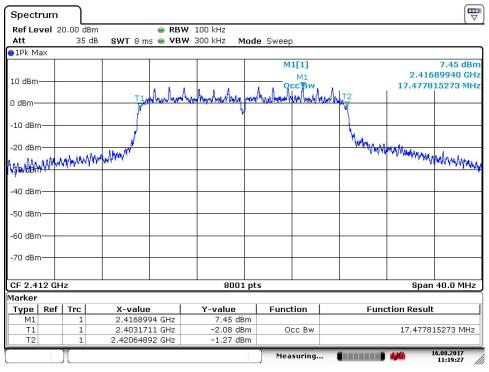
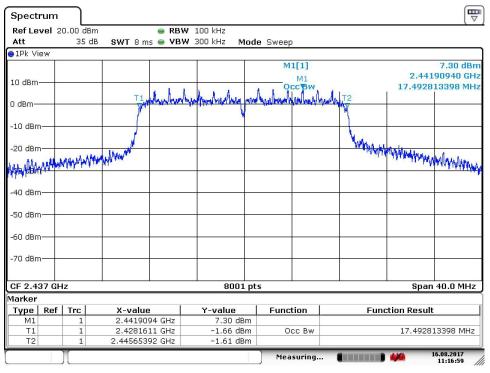
NB	Coalv (43	Chalk Creek Road ille, UT 84017 5) 336-4433 (435) 336-4436	99%	o Occupied E	Bandwidth	
DNB Job Number:	86019		Date:	16 Aug 2017	Conformance	
Customer:	Orbit Irriga	tion Products Inc.			Standard	
Model Number:	WT25				RSS-Gen	
Description:	WiFi Trans	mitter			Clause	
	802.11n20				Section 6.6	
		Environmental C	Conditions			
Ambient Temper	ature	Relative Hur	nidity	Baron	netric Pressure	
26 °C		30 %		1	01.35 kPa	
EUT performed within t	he requirement	nts of the applicable sta	es []No C	L Payne		
Channel		Chl Freq (M	/IHz)	99%	BW (MHz)	
Low	Low 2412 17.					



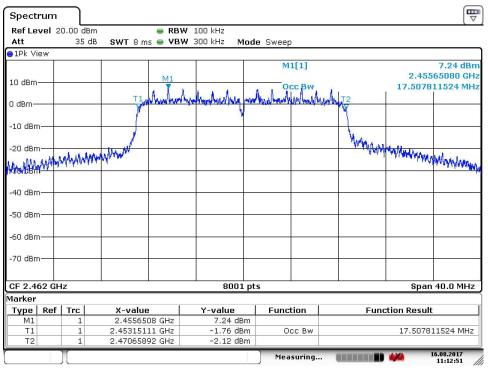
Date: 16.AUG.2017 11:19:26

ONB	Coalv (43	Chalk Creek Road ille, UT 84017 5) 336-4433 (435) 336-4436	99%	o Occupied E	Bandwidth	
DNB Job Number:	86019		Date:	16 Aug 2017	Conformance	
Customer:	Orbit Irriga	tion Products Inc.			Standard	
Model Number:	WT25				RSS-Gen	
Description:	WiFi Trans	mitter			Clause	
	802.11n20				Section 6.6	
		Environmental C	Conditions			
Ambient Temper	ature	Relative Hu	nidity	Baron	netric Pressure	
26 °C		30 %		1	01.35 kPa	
EUT performed within t	he requirement	nts of the applicable sta	L Payne			
Channel		Chl Freq (M	/IHz)	99%	BW (MHz)	
Middle	Middle 2437 17.					



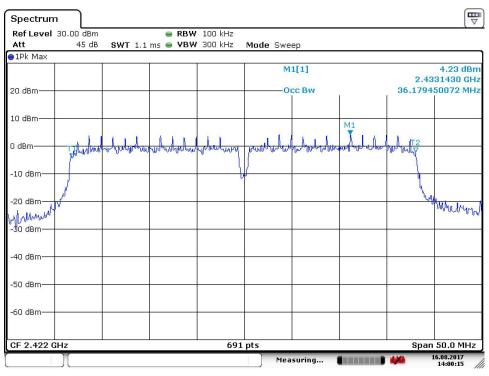
Date: 16.AUG.2017 11:16:59

ONB	Coalv (43	Chalk Creek Road ille, UT 84017 5) 336-4433 (435) 336-4436	99%	Occupied B	andwidth	
DNB Job Number:	86019		Date:	16 Aug 2017	Conformance	
Customer:	Orbit Irriga	tion Products Inc.			Standard	
Model Number:	WT25				RSS-Gen	
Description:	WiFi Trans	mitter			Clause	
	802.11n20				Section 6.6	
		Environmental C	Conditions			
Ambient Temper	ature	Relative Hur	nidity	Baron	netric Pressure	
26 °C		30 %		10	01.35 kPa	
EUT performed within t	he requirement	nts of the applicable sta	L Payne			
Channel		Chl Freq (M	/Hz)	99%	BW (MHz)	
High	High 2462 17.					



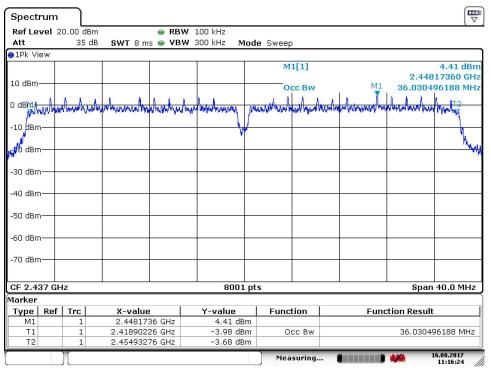
Date: 16.AUG.2017 11:12:51

ONB	Coalv (43	Chalk Creek Road ille, UT 84017 5) 336-4433 (435) 336-4436	99%	o Occupied B	Bandwidth
DNB Job Number:	86019		Date:	16 Aug 2017	Conformance
Customer:	Orbit Irriga	tion Products Inc.			Standard
Model Number:	WT25				RSS-Gen
Description:	WiFi Trans	mitter			Clause
	802.11n40				Section 6.6
		Environmental C	Conditions		
Ambient Temper	ature	Relative Hu	nidity	Baron	netric Pressure
26 °C		30 %		1	01.35 kPa
EUT performed within t	he requirement	nts of the applicable sta	es []No C	L Payne	
Channel		Chl Freq (M	/IHz)	99%	BW (MHz)
Low	179450072				



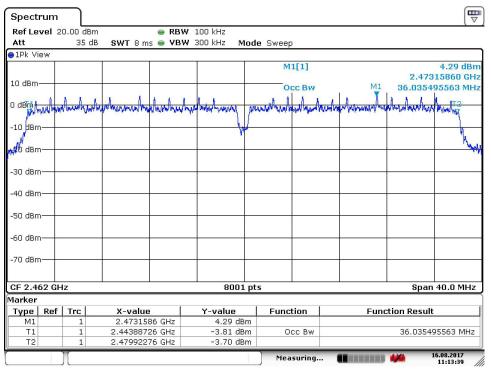
Date: 16.AUG.2017 14:00:15

ONB	Coalv (43	Chalk Creek Road iille, UT 84017 5) 336-4433 (435) 336-4436	99%	Occupied B	Bandwidth	
DNB Job Number:	86019		Date:	16 Aug 2017	Conformance	
Customer:	Orbit Irriga	tion Products Inc.			Standard	
Model Number:	WT25				RSS-Gen	
Description:	WiFi Trans	mitter			Clause	
	802.11n40				Section 6.6	
		Environmental C	Conditions			
Ambient Temper	ature	Relative Hu	nidity	Baron	netric Pressure	
26 °C		30 %		1	01.35 kPa	
EUT performed within t	he requirement	nts of the applicable sta	es []No C	L Payne		
Channel		Chl Freq (M	/Hz)	99%	BW (MHz)	
Middle	Middle 2437 36.					



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

ONB	Coalv (43	Chalk Creek Road ille, UT 84017 5) 336-4433 (435) 336-4436	99%	Occupied B	andwidth
DNB Job Number:	86019		Date:	16 Aug 2017	Conformance
Customer:	Orbit Irriga	tion Products Inc.			Standard
Model Number:	WT25				RSS-Gen
Description:	WiFi Trans	mitter			Clause
	802.11n40				Section 6.6
		Environmental C	Conditions		
Ambient Temper	ature	Relative Hu	nidity	Baron	netric Pressure
26 °C		30 %		10	01.35 kPa
EUT performed within t	he requirement	s []No C	L Payne		
Channel		Chl Freq (M	/IHz)	99%	BW (MHz)
High	035495563				



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

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

Test Procedure: ANSI C63.10-2013

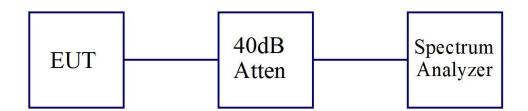
Peak Output Power

Per clause 11.9.1.2 Integrated band power method

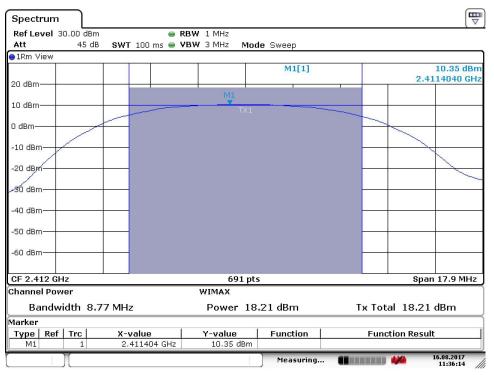
The following procedure can be used when the maximum available RBW of the instrument is less than the DTS bandwidth:

- 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:

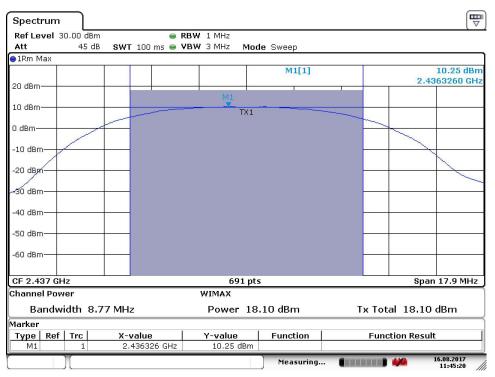


	B	Coalv (43	ille, 5) 33	< Creek Road UT 84017 36-4433) 336-4436		ak	Output	t Po	wer (C	Cond)	
DNB Job Nu	mber:	86019			Date:		16 Aug 2	017		formance	
Customer:		Orbit Irriga	tion I	Products Inc.	LL				St	andard	
Model Numb	er:	WT25							FC	C Part 15	
Description:		WiFi Transmitter							Clause		
	-	802.11b							15	.247(b)	
				Environment	al Conditions						
Ambie	ent Tempera	ture		Relative I	Humidity		I	Baron	rometric Pressure		
	26 °C			30	%			1(01.35 kPa	3	
EUT perform	ned within th	the requirements of the applicable standard [X] Yes [] No							es Payne		
Freq MHz	Integrated Pwr (dBm								Delta mW)	Pass/Fail	
2412	18.21	30.00)	-11.79	66.222		1000	-93	3.778	Pass	



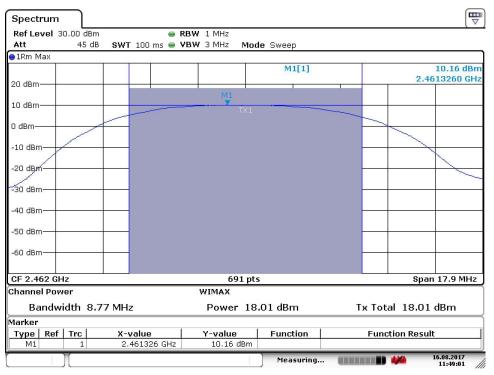
Date: 16.AUG.2017 11:36:14

	B	Coalv (43	ille, 5) 33	<pre>< Creek Road UT 84017 36-4433 336-4436</pre>	Pe	ak	Output	t Po	wer (C	Cond)	
DNB Job Nu	mber:	86019			Date:		16 Aug 2	017		formance	
Customer:		Orbit Irriga	tion F	Products Inc.					St	andard	
Model Numb	er:	WT25							FC	C Part 15	
Description:		WiFi Transmitter							Clause		
	-	802.11b							15	.247(b)	
				Environmenta	al Conditions						
Ambie	ent Tempera	iture		Relative I	Humidity		I	Baron	rometric Pressure		
	26 °C			30	%			101.35 kPa			
EUT perform	ned within th	he requirements of the applicable standard [X] Yes [] No							L Payne		
Freq MHz	Integrated Pwr (dBm								Delta mW)	Pass/Fail	
2437	18.10	30.00)	-11.9	64.565		1000	-93	35.435	Pass	



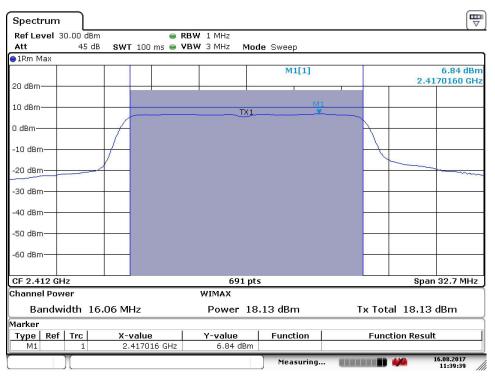
Date: 16.AUG.2017 11:45:20

	B	Coalv (43	ille, 5) 33	< Creek Road UT 84017 36-4433) 336-4436	Pe	ak	Outpu	t Po	wer (C	Cond)	
DNB Job Nu	mber:	86019			Date:		16 Aug 2	2017		formance	
Customer:		Orbit Irriga	tion I	Products Inc.					St	andard	
Model Numb	er:	WT25							FC	C Part 15	
Description:		WiFi Trans	mitte	r					Clause		
	-	802.11b							15	5.247(b)	
				Environment	al Conditions						
Ambie	ent Tempera	iture		Relative I	Humidity			Baron	rometric Pressure		
	26 °C			30	%			101.35 kPa			
EUT perform	ned within th	the requirements of the applicable standard [X] Yes [] No							L Payne		
Freq MHz	Integrated Pwr (dBm							-	Delta mW)	Pass/Fail	
2462	18.01	30.00)	-11.99	63.241		1000	-93	36.759	Pass	



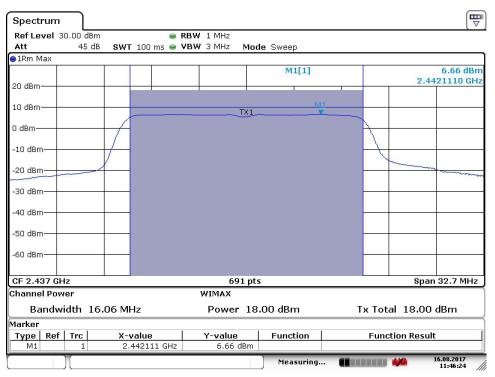
Date: 16.AUG.2017 11:49:01

	B	Coalv (43	ille, 5) 33	< Creek Road UT 84017 36-4433 336-4436		ak	Outpu	t Po	wer (C	Cond)	
DNB Job Nu	mber:	86019			Date:		16 Aug 2	2017		formance	
Customer:		Orbit Irriga	tion F	Products Inc.	LL				St	andard	
Model Numb	er:	WT25							FC	C Part 15	
Description:		WiFi Trans	mitte	r					Clause		
	-	802.11g							15	.247(b)	
				Environment	al Conditions						
Ambie	ent Tempera	iture		Relative I	Humidity			Baron	rometric Pressure		
	26 °C			30	%			1(01.35 kPa	3	
EUT perform	ned within th	the requirements of the applicable standard [X] Yes [] No							es Payne		
Freq MHz	Integrated Pwr (dBm								Delta mW)	Pass/Fail	
2412	18.13	30.00)	-11.87	65.013		1000	-93	34.987	Pass	



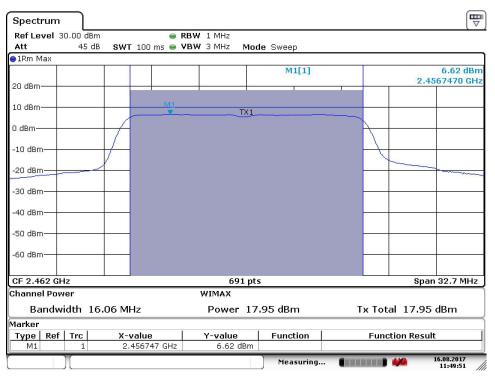
Date: 16.AUG.2017 11:39:39

	B	Coalv (43	ille, 5) 33	< Creek Road UT 84017 36-4433) 336-4436		ak	Output	t Po	wer (C	cond)	
DNB Job Nu	mber:	86019			Date:		16 Aug 2	017		formance	
Customer:		Orbit Irriga	tion l	Products Inc.	LL				St	andard	
Model Numb	er:	WT25							FC	C Part 15	
Description:		WiFi Transmitter							Clause		
	-	802.11g							15	.247(b)	
				Environment	al Conditions						
Ambie	ent Tempera	ture		Relative I	Humidity		I	Baron	rometric Pressure		
	26 °C			30	%			1(01.35 kPa	3	
EUT perform	ned within th	he requirements of the applicable standard [X] Yes [] No (L Payne		
Freq MHz	Integrated Pwr (dBm								Delta mW)	Pass/Fail	
2437	18.00	30.00)	-12	63.096		1000	-93	36.904	Pass	



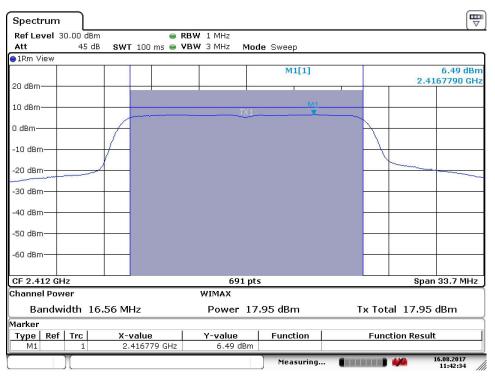
Date: 16.AUG.2017 11:46:24

	B	Coalv (43	ille, 5) 33	< Creek Road UT 84017 36-4433) 336-4436		ak	Outpu	t Po	wer (C	cond)	
DNB Job Nu	mber:	86019			Date:		16 Aug 2	2017		formance	
Customer:		Orbit Irriga	tion I	Products Inc.	LL				St	andard	
Model Numb	er:	WT25							FC	C Part 15	
Description:		WiFi Transmitter							Clause		
	-	802.11g							15	.247(b)	
				Environment	al Conditions						
Ambie	ent Tempera	iture		Relative I	Humidity			Baron	rometric Pressure		
	26 °C			30	%			101.35 kPa			
EUT perform	ned within th	the requirements of the applicable standard [X] Yes [] No C							L Payne		
Freq MHz	Integrated Pwr (dBm			Delta (dBm)						Pass/Fail	
2462	17.95	30.00		-12.05	62.373		1000	-93	37.627	Pass	



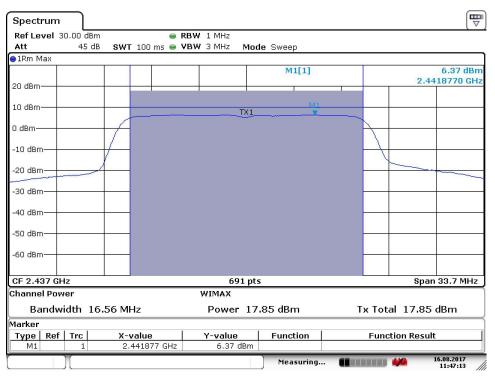
Date: 16.AUG.2017 11:49:51

	B	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436 Peak Output Po								Cond)	
DNB Job Nu	mber:	86019		017	Conformance						
Customer:		Orbit Irriga	tion F	Products Inc.					St	andard	
Model Numb	er:	WT25			FC	C Part 15					
Description:		WiFi Trans	mitte		Clause						
	-	802.11n20							15	.247(b)	
				Environment	al Conditions						
Ambie	ent Tempera	iture		Relative I	Humidity		I	Barom	ometric Pressure		
	26 °C			30	%			1(101.35 kPa		
EUT perform	ned within th	ne requirements of the applicable standard [X] Yes [] No									
Freq MHz	Integrated Pwr (dBm			Delta (dBm)	Integrated Pwr (mW)		Limit (mW)	_	Delta mW)	Pass/Fail	
2412	17.95	30.00 -12.05 62.373 1000 -93					37.627	Pass			



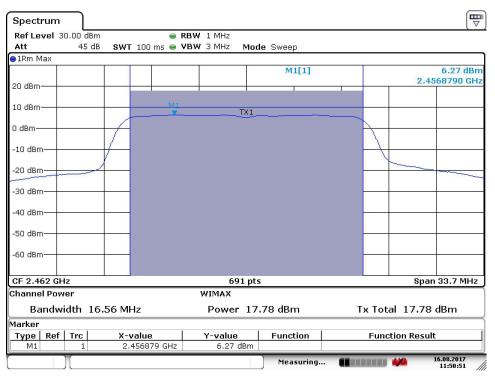
Date: 16.AUG.2017 11:42:33

	B	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436 Peak Output Po								Cond)	
DNB Job Nu	mber:	86019	86019 Date: 16 Aug 2017							formance	
Customer:		Orbit Irriga	tion I	Products Inc.	L.				St	andard	
Model Numb	er:	WT25			FC	C Part 15					
Description:		WiFi Trans	mitte		Clause						
		802.11n20							15	.247(b)	
				Environmenta	al Conditions						
Ambie	ent Tempera	ature		Relative I	Humidity		I	Baron	ometric Pressure		
	26 °C			30	%			1(101.35 kPa		
EUT perform	ned within th	ne requirements of the applicable standard [X] Yes [] No							L Payne		
Freq MHz	Integrated Pwr (dBm		•	Delta (dBm)	Integrated Pwr (mW)		Limit (mW)	_	Delta mW)	Pass/Fail	
2437	17.85	30.00 -12.15 60.954 1000 -93				39.046	Pass				



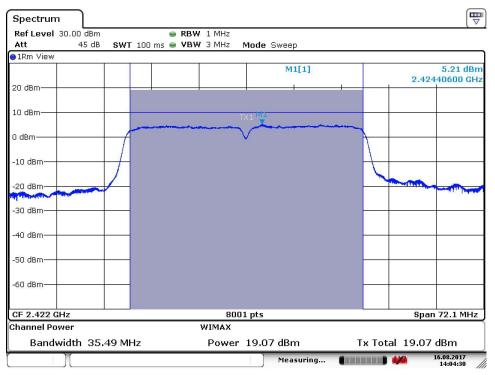
Date: 16.AUG.2017 11:47:13

	B	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436 Peak Output Po								Cond)	
DNB Job Nu	mber:	86019		017	Conformance						
Customer:		Orbit Irriga	tion I	Products Inc.	LL				St	andard	
Model Numb	er:	WT25			FC	C Part 15					
Description:		WiFi Trans	mitte		Clause						
	-	802.11n20							15	.247(b)	
				Environment	al Conditions						
Ambie	ent Tempera	iture		Relative I	Humidity		I	Baron	ometric Pressure		
	26 °C			30	%			1	101.35 kPa		
EUT perform	ned within th	ne requirements of the applicable standard [X] Yes [] No									
Freq MHz	Integrated Pwr (dBm		•	Delta (dBm)	Integrated Pwr (mW)		Limit (mW)	_	Delta mW)	Pass/Fail	
2462	17.78	30.00 -12.22 19.979 1000 -98					30.021	Pass			



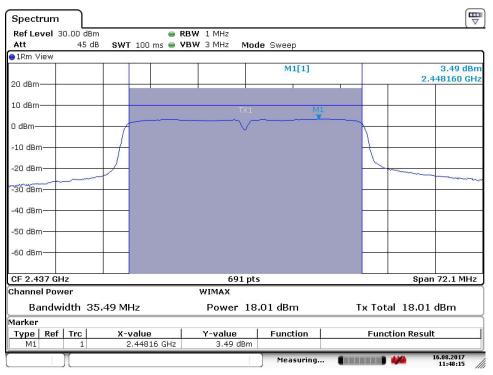
Date: 16.AUG.2017 11:50:51

	B	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436 Peak Output Po								cond)		
DNB Job Nu	mber:	86019	86019 Date: 16 Aug 2017							formance		
Customer:		Orbit Irrigat	tion F	Products Inc.					St	andard		
Model Numb	er:	WT25								C Part 15		
Description:		WiFi Transmitter								Clause		
	-	802.11n40							15	.247(b)		
				Environment	al Conditions							
Ambie	ent Tempera	ture		Relative I	Humidity		I	Barom	ometric Pressure			
	26 °C			30	%			1(101.35 kPa			
EUT perform	ned within th	ne requirements of the applicable standard [X] Yes [] No										
Freq MHz	Integrated Pwr (dBm			Delta (dBm)	Integrated Pwr (mW)		Limit (mW)	_	Delta mW)	Pass/Fail		
2422	19.07	30.00 -10.93 80.724 1000 -91					9.276	Pass				



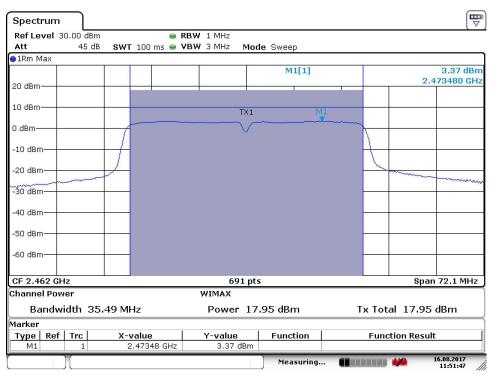
Date: 16.AUG.2017 14:04:30

	B	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436 Peak Output Po								Cond)	
DNB Job Nu	mber:	86019	86019 Date: 16 Aug 2017							formance	
Customer:		Orbit Irriga	tion F	Products Inc.					St	andard	
Model Numb	er:	WT25			FC	C Part 15					
Description:		WiFi Trans	mitte		Clause						
		802.11n40							15	.247(b)	
				Environmenta	al Conditions						
Ambie	ent Tempera	iture		Relative I	Humidity		I	Baron	ometric Pressure		
	26 °C			30	%			1(101.35 kPa		
EUT perform	ned within th	ne requirements of the applicable standard [X] Yes [] No							L Payne		
Freq MHz	Integrated Pwr (dBm		•	Delta (dBm)	Integrated Pwr (mW)		Limit (mW)	_	Delta mW)	Pass/Fail	
2437	18.01	30.00 -11.99 63.241 1000 -93				36.759	Pass				



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

	B	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436 Peak Output Peak								Cond)	
DNB Job Nu	mber:	86019	86019 Date: 16 Aug 201							formance	
Customer:		Orbit Irriga	tion I	Products Inc.	L				St	andard	
Model Numb	er:	WT25			FC	C Part 15					
Description:		WiFi Trans	mitte		Clause						
		802.11n40							15	.247(b)	
				Environmenta	al Conditions						
Ambie	ent Tempera	iture		Relative I	Humidity		I	Baron	ometric Pressure		
	26 °C			30	%			1(101.35 kPa		
EUT perform	ned within th	ne requirements of the applicable standard [X] Yes [] No							L Payne		
Freq MHz	Integrated Pwr (dBm		•	Delta (dBm)	Integrated Pwr (mW)		Limit (mW)	_	Delta mW)	Pass/Fail	
2462	17.95	30.00 -12.05 62.373 1000 -93				37.627	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

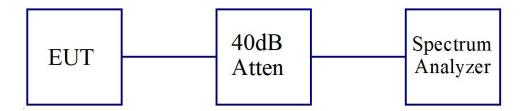
Use the following spectrum analyzer settings:

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

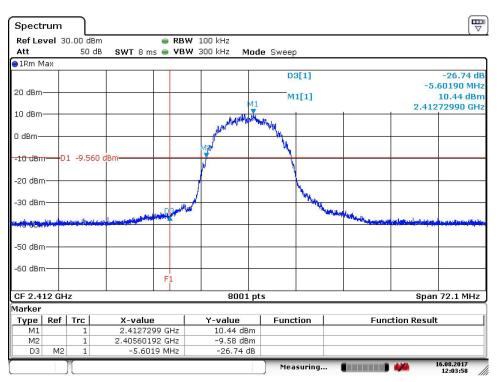
Allow the trace to stabilize. Set the marker on the emission at the bandedge, or on the highest modulation product outside of the band, if this level is greater than that at the bandedge. Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band 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

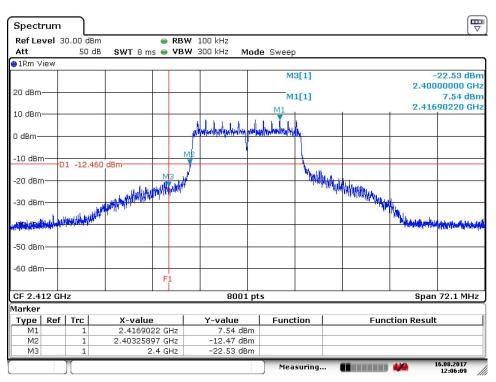


ONB	Coalv (43	Chalk Cre ille, UT 8 5) 336-44 435) 336	34017 133		Band	Edge Mea	surements	
DNB Job Number:	86019			Date:		16 Aug 2017 Conformance		
Customer:	Orbit Irriga	tion Produ		Standard				
Model Number:	WT25			FCC Part 15				
Description:	WiFi Trans	mitter		Clause				
	802.11b						15.247(a,2,d)	
Ambient Tempe	erature		Relative Hun	nidity		Baron	netric Pressure	
26 °C			30 %			1	01.35 kPa	
EUT performed within	the requireme	nts of the a	es []No C	L Payne				
Conduc	ted Band Edge	Measurer	Freq					
Limit	Lower (MI	Lower (MHz) Upper (M			– Delta (MHz)		Pass/Fail	
2400	2405.601920					5.602	Pass	



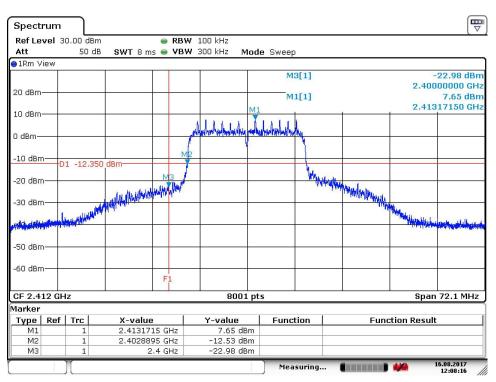
Date: 16.AUG.2017 12:03:58

ONB	Coalv (43	Chalk Cre ille, UT 8 5) 336-4 (435) 336	433		Band	Edge Mea	surements	
DNB Job Number:	86019			Date:		16 Aug 2017 Conformanc		
Customer:	Orbit Irriga	tion Produ		Standard				
Model Number:	WT25			FCC Part 15				
Description:	WiFi Trans	mitter		Clause				
	802.11g						15.247(a,2,d)	
Ambient Tempe	erature		Relative Hun	nidity		netric Pressure		
26 °C			30 %			1	01.35 kPa	
EUT performed within	the requireme	he requirements of the applicable standard [X] Yes [] No C						
Conduc	ted Band Edge	Measure	ment	Freq				
Limit	Lower (MI	Lower (MHz) Upper (MI		Hz)	– Delta (MHz)		Pass/Fail	
2400	2403.258970					3.259	Pass	



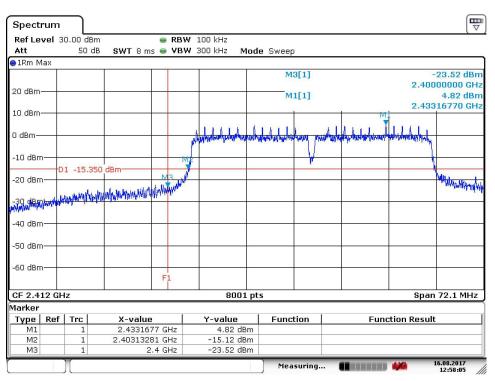
Date: 16.AUG.2017 12:06:09

ONB	Coalv (43	Chalk Cre ille, UT 8 5) 336-4 (435) 336	433		Band	Edge Mea	surements	
DNB Job Number:	86019			Date:		16 Aug 2017 Conformance		
Customer:	Orbit Irriga	tion Produ		Standard				
Model Number:	WT25			FCC Part 15				
Description:	WiFi Trans	mitter		Clause				
	802.11n20						15.247(a,2,d)	
Ambient Tempe	erature		Relative Hun	nidity		Baron	netric Pressure	
26 °C			30 %			1	01.35 kPa	
EUT performed within	the requireme	ne requirements of the applicable standard [X] Yes [] No C						
Conduc	ted Band Edge	Measure	Freq					
Limit	Lower (MI	Lower (MHz) Upper (M			– Delta (MHz)		Pass/Fail	
2400	2402.889500					2.890	Pass	



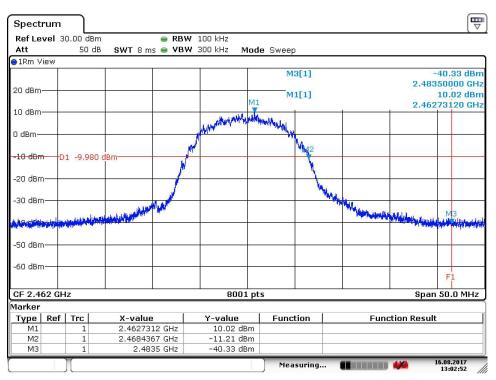
Date: 16.AUG.2017 12:08:15

ONB	Coalv (43	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436 Ba					surements	
DNB Job Number:	86019		16 Aug 2017	Conformance				
Customer:	Orbit Irriga	tion Pro	ducts Inc.				Standard	
Model Number:	WT25			FCC Part 15				
Description:	WiFi Trans	mitter		Clause				
	802.11n40						15.247(a,2,d)	
Ambient Tempe	erature		Relative Hun	nidity		Baron	netric Pressure	
26 °C			30 %			1	01.35 kPa	
EUT performed within	the requireme	ne requirements of the applicable standard [X] Yes [] No C						
Conduc	ted Band Edge	Measur	ement		Freq			
Limit	Lower (MI	Lower (MHz) Upper (MI			– Delta (MHz)		Pass/Fail	
2400	2403.132810					3.133	Pass	



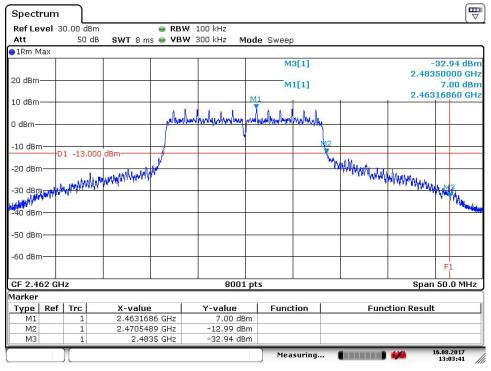
Date: 16.AUG.2017 12:58:05

ONB	Coalv (43	ille, U1 5) 336-	reek Road ⊺ 84017 4433 36-4436	Edge Mea	surements			
DNB Job Number:	86019	86019 Date:					Conformance	
Customer:	Orbit Irriga	tion Pro	ducts Inc.				Standard	
Model Number:	WT25			FCC Part 15				
Description:	WiFi Trans	mitter		Clause				
	802.11b						15.247(a,2,d)	
Ambient Tempe	erature		Relative Hur	nidity		Barometric Pressure		
26 °C			30 %			1	01.35 kPa	
EUT performed within	the requireme	nts of th	es []No C	L Payne				
Conduc	ted Band Edge	ed Band Edge Measurement Freq						
Limit	Lower (MI	Lower (MHz) Upper (MI				Delta (MHz)	Pass/Fail	
2483.5	2468.436700					15.063	Pass	



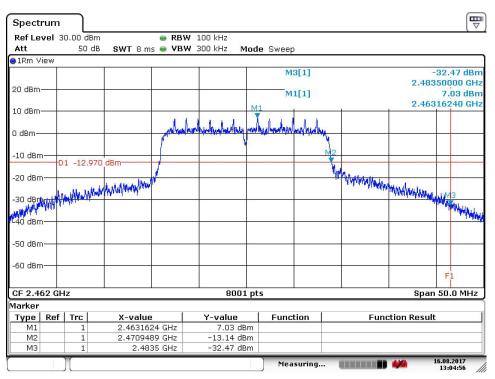
Date: 16.AUG.2017 13:02:52

NB	Coalv (43	ille, U1 5) 336-	reek Road ⊺ 84017 4433 36-4436		Band	Edge Mea	surements		
DNB Job Number:	86019			Date:		16 Aug 2017 Conformance			
Customer:	Orbit Irriga	tion Pro	ducts Inc.				Standard		
Model Number:	WT25	WT25							
Description:	WiFi Trans	WiFi Transmitter							
	802.11g						15.247(a,2,d)		
Ambient Temp	erature		Relative Hur	nidity		Baron	netric Pressure		
26 °C			30 %			1	01.35 kPa		
EUT performed within	n the requireme	the requirements of the applicable standard [X] Yes [] No C							
Condu	ted Band Edge Measurement Freq								
Limit	Lower (MI	_ower (MHz) Upper (MI			Delta (MHz)		Pass/Fail		
2483.5		2470.5489	900		12.951	Pass			



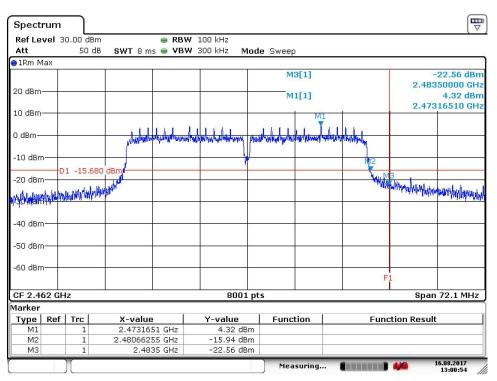
Date: 16.AUG.2017 13:03:41

ONB	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436				Band	Edge Mea	surements
DNB Job Number:	86019			Date:		16 Aug 2017	Conformance Standard
Customer:	Orbit Irriga	Orbit Irrigation Products Inc.					
Model Number:	WT25	WT25					
Description:	WiFi Trans	WiFi Transmitter					
	802.11n20	802.11n20					
Ambient Temperature Relative Hur				nidity	idity Barometric Pressure		
26 °C 30 9			30 %	101.35 kPa			01.35 kPa
EUT performed within the requirements of the applicable standard [X] Yes [] No CL Payne							
Conducted Band Edge Measurement Freq							
Limit	Lower (MI	MHz) Upper (MI		Hz)	Delta (MHz)		Pass/Fail
2483.5				900	12.551		Pass



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

ONB	Coalv (43	reek Road ⊺ 84017 4433 36-4436		Band	Edge Mea	surements		
DNB Job Number:	86019			Date:		16 Aug 2017	Conformance Standard	
Customer:	Orbit Irriga	Orbit Irrigation Products Inc.						
Model Number:	WT25	WT25						
Description:	WiFi Trans	WiFi Transmitter						
	802.11n40	802.11n40						
Ambient Temperature Relative Hur				nidity	dity Barometric Pressure			
26 °C			30 %	% 1			01.35 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No CL Payne								
Conducted Band Edge Measurement Freq								
Limit	Lower (MHz) Upper (MI			Hz)	Delta (MHz)		Pass/Fail	
2483.5			2480.6625	550	2.837		Pass	



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

NB	Coalv (43	Chalk Creek Road ille, UT 84017 5) 336-4433 (435) 336-4436	C	onducted S	purious	
DNB Job Number:	86019		Date:	16 Aug 2017	Conformance	
Customer:	Orbit Irriga	Standard				
Model Number:	WT25	FCC Part 15				
Description:	WiFi Trans	Clause				
	Test Proced	15.247(a,2,d)				
Ambient Temper	ature	Relative Hur	midity	Barometric Pressure		
26 °C		30 %		1(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

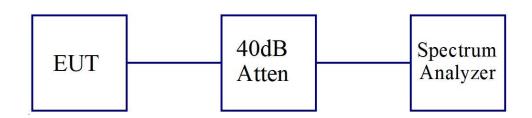
Use the following spectrum analyzer settings:

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 10^{lh} harmonic. Typically, several plots are required to cover this entire span. RBW = 100 kHz

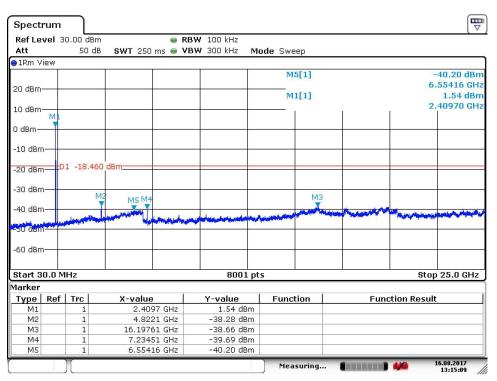
VBW RBW Sweep = auto Detector function = peak Trace = max hold

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



NB	Coalv (43	reek Road ⊺ 84017 4433 36-4436		Со	onducted S	purious	
DNB Job Number:	86019			Date:		16 Aug 2017	Conformance Standard
Customer:	Orbit Irrigat	Orbit Irrigation Products Inc.					
Model Number:	WT25	WT25					
Description:	WiFi Trans	WiFi Transmitter					
	802.11b	802.11b					
Ambient Temperature Relative I			Relative Hur	nidity Barom			netric Pressure
26 °C 30 %			30 %			101.35 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No CL Payne							
Channel	Peak Output F	Peak Output Power Reading (d		Bm)	n) -20dBc (dBm)		Pass/Fall
Low	10.35 dBm		1.54			-18.46	Pass



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