

BAND EDGE COMPLIANCE

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval (mo)
Spectrum Analyzer	Keysight	N9010A	AFO	6/23/2015	12
NC02 Cable	ESM Cable Corp.	TTBJ-141 KMKM-72	NC5	6/6/2015	12
Attenuator	Fairview Microwave	SA4014-20	TKE	1/16/2015	12
DC Block, 40 GHz	Fairview Microwave	SD3379	AMJ	6/6/2015	12
Signal Generator	Keysight	N5182B	TFY	4/16/2015	36

TEST DESCRIPTION

The spurious RF conducted emissions at the edges of the authorized bands were measured with the EUT set to low and high transmit frequencies in each available band. The channels closest to the band edges were selected. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at the data rate(s) listed in the datasheet.

The spectrum was scanned below the lower band edge and above the higher band edge.

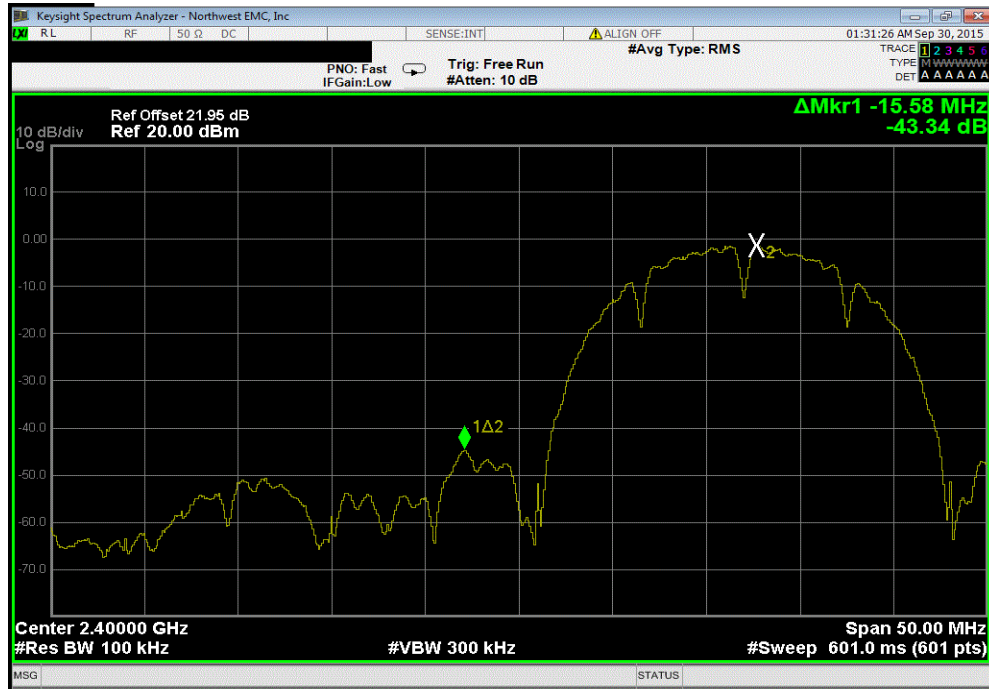
An RMS detector was used to match the method called out for Output Power. Because the reference level was taken with an RMS detector, the attenuation requirement is -30 dBc.

**NORTHWEST
EMC**

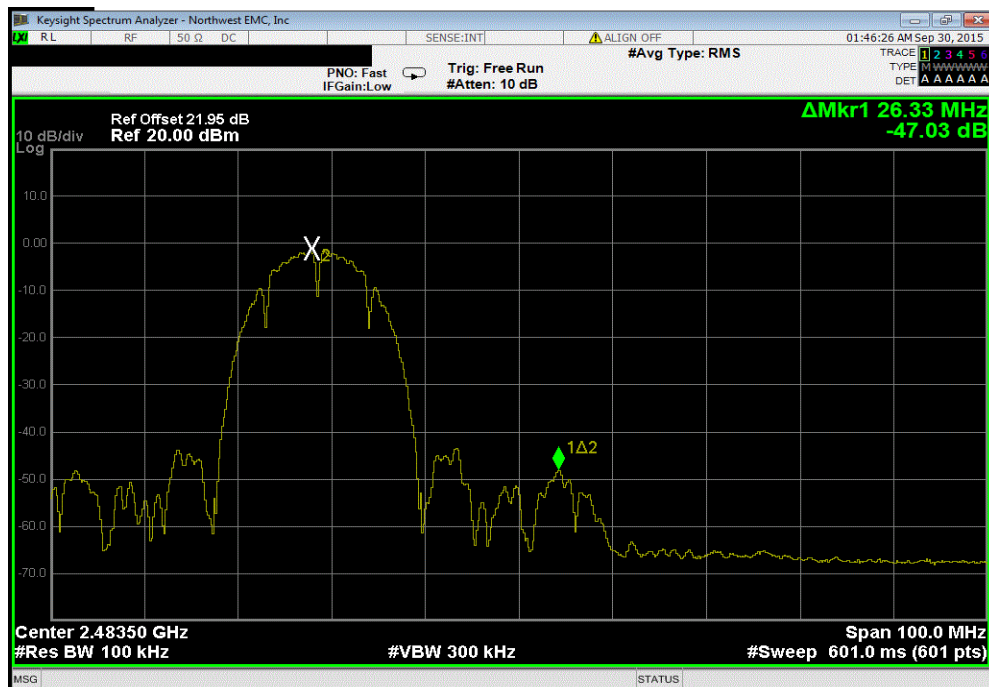
EUT: Precor Wi-Fi / Bluetooth Module Model 303346		Work Order: PRCR0230	
Serial Number: None		Date: 10/01/15	
Customer: Precor, Inc.		Temperature: 23°C	
Attendees: Rich Whitbeck		Humidity: 44%	
Project: None		Barometric Pres.: 1017mb	
Tested by: Richard Mellroth		Power: 110VAC/60Hz	
Job Site: NC01			
TEST SPECIFICATIONS		Test Method	
FCC 15.247:2015		ANSI C63.10:2013	
COMMENTS			
Power settings at Maximum.			
DEVIATIONS FROM TEST STANDARD			
None			
Configuration #	1	Signature 	
		Value (dBc)	Limit ≤ (dBc)
Ant 1			
20 MHz			
2.4 GHz Band			
802.11(b) 1Mbps			
Low Channel 1, 2412 MHz		-43.34	-30
High Channel 11, 2462 MHz		-47.03	-30
802.11(b) 11Mbps			
Low Channel 1, 2412 MHz		-38.26	-30
High Channel 11, 2462 MHz		-51.95	-30
802.11(g) 6Mbps			
Low Channel 1, 2412 MHz		-37.65	-30
High Channel 11, 2462 MHz		-50.56	-30
802.11(g) 36Mbps			
Low Channel 1, 2412 MHz		-38.16	-30
High Channel 11, 2462 MHz		-49.77	-30
802.11(g) 54Mbps			
Low Channel 1, 2412 MHz		-38.81	-30
High Channel 11, 2462 MHz		-50.76	-30
802.11(n) MCS0			
Low Channel 1, 2412 MHz		-36.02	-30
High Channel 11, 2462 MHz		-48.43	-30
802.11(n) MCS7			
Low Channel 1, 2412 MHz		-37.7	-30
High Channel 11, 2462 MHz		-49.49	-30
40 MHz			
2.4 GHz Band			
802.11(n) MCS0			
Low Channel 5, 2432 MHz		-30.95	-30
High Channel 9, 2452 MHz		-44.23	-30
802.11(n) MCS7			
Low Channel 5, 2432 MHz		-36.15	-30
High Channel 9, 2452 MHz		-41.26	-30
Ant 2			
20 MHz			
2.4 GHz Band			
802.11(b) 1Mbps			
Low Channel 1, 2412 MHz		-45.12	-30
High Channel 11, 2462 MHz		-53.58	-30
802.11(b) 11Mbps			
Low Channel 1, 2412 MHz		-42.61	-30
High Channel 11, 2462 MHz		-51.4	-30
802.11(g) 6Mbps			
Low Channel 1, 2412 MHz		-37.69	-30
High Channel 11, 2462 MHz		-49.2	-30
802.11(g) 36Mbps			
Low Channel 1, 2412 MHz		-38.07	-30
High Channel 11, 2462 MHz		-48.65	-30
802.11(g) 54Mbps			
Low Channel 1, 2412 MHz		-38.81	-30
High Channel 11, 2462 MHz		-48.32	-30
802.11(n) MCS0			
Low Channel 1, 2412 MHz		-36.07	-30
High Channel 11, 2462 MHz		-48.52	-30
802.11(n) MCS7			
Low Channel 1, 2412 MHz		-37.9	-30
High Channel 11, 2462 MHz		-47.14	-30
40 MHz			
2.4 GHz Band			
802.11(n) MCS0			
Low Channel 5, 2432 MHz		-31.73	-30
High Channel 9, 2452 MHz		-43.28	-30
802.11(n) MCS7			
Low Channel 5, 2432 MHz		-37.47	-30
High Channel 9, 2452 MHz		-41.75	-30

BAND EDGE COMPLIANCE

Ant 1, 20 MHz, 2.4 GHz Band, 802.11(b) 1Mbps, Low Channel 1, 2412 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-43.34	-30	Pass

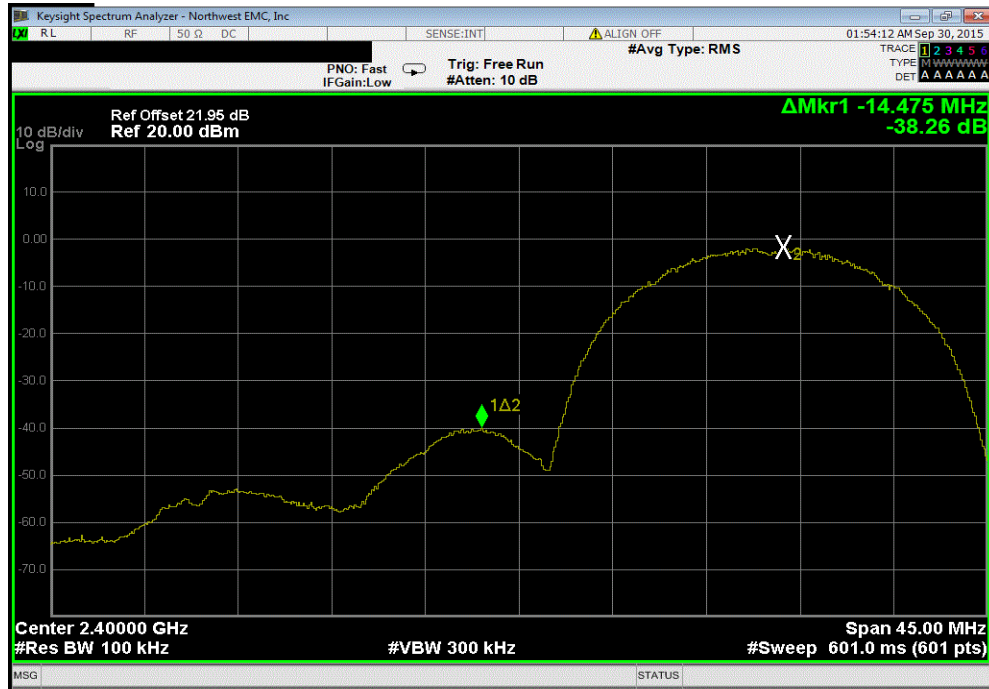


Ant 1, 20 MHz, 2.4 GHz Band, 802.11(b) 1Mbps, High Channel 11, 2462 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-47.03	-30	Pass

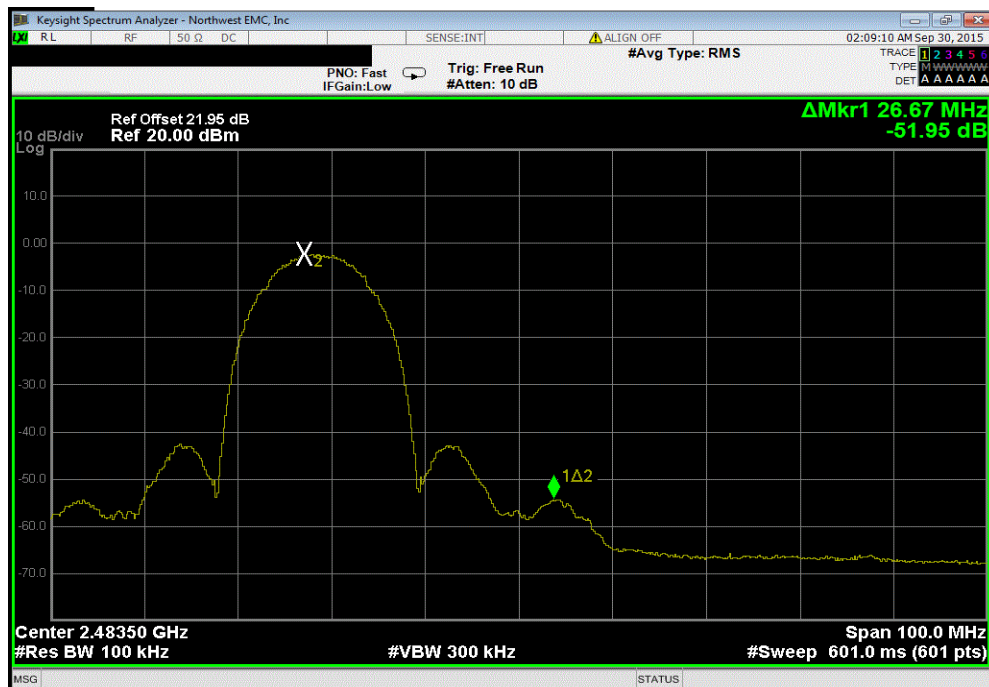


BAND EDGE COMPLIANCE

Ant 1, 20 MHz, 2.4 GHz Band, 802.11(b) 11Mbps, Low Channel 1, 2412 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-38.26	-30	Pass

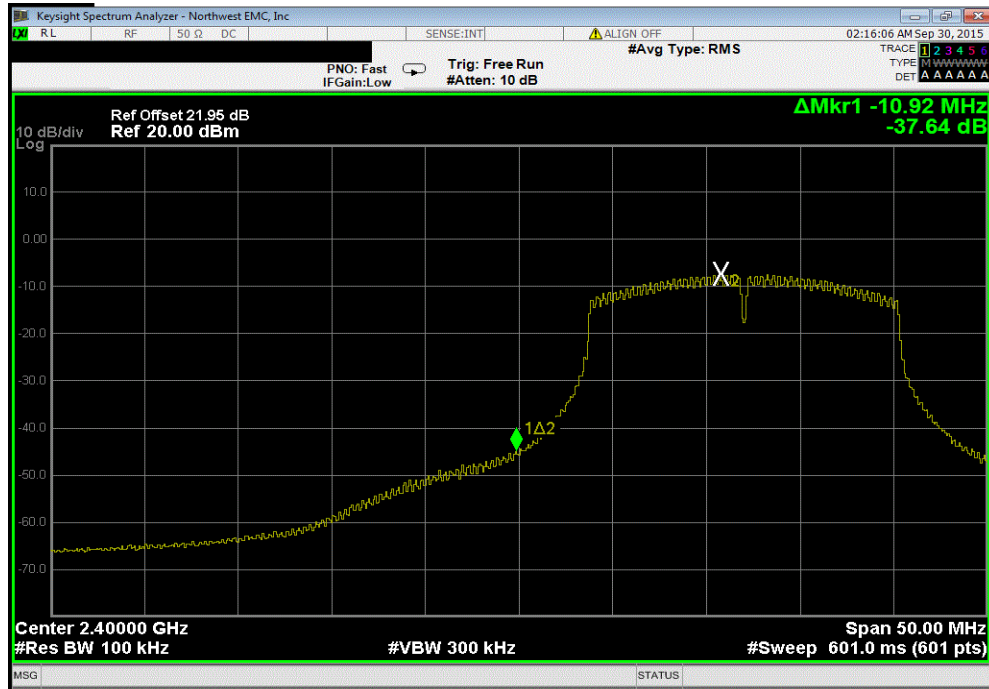


Ant 1, 20 MHz, 2.4 GHz Band, 802.11(b) 11Mbps, High Channel 11, 2462 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-51.95	-30	Pass

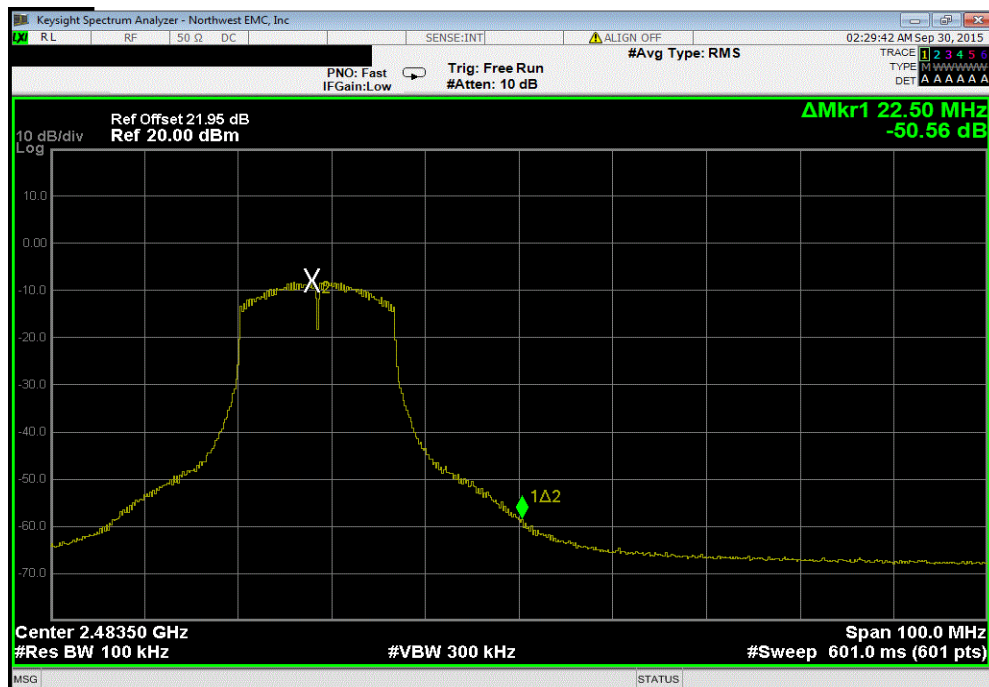


BAND EDGE COMPLIANCE

Ant 1, 20 MHz, 2.4 GHz Band, 802.11(g) 6Mbps, Low Channel 1, 2412 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-37.65	-30	Pass

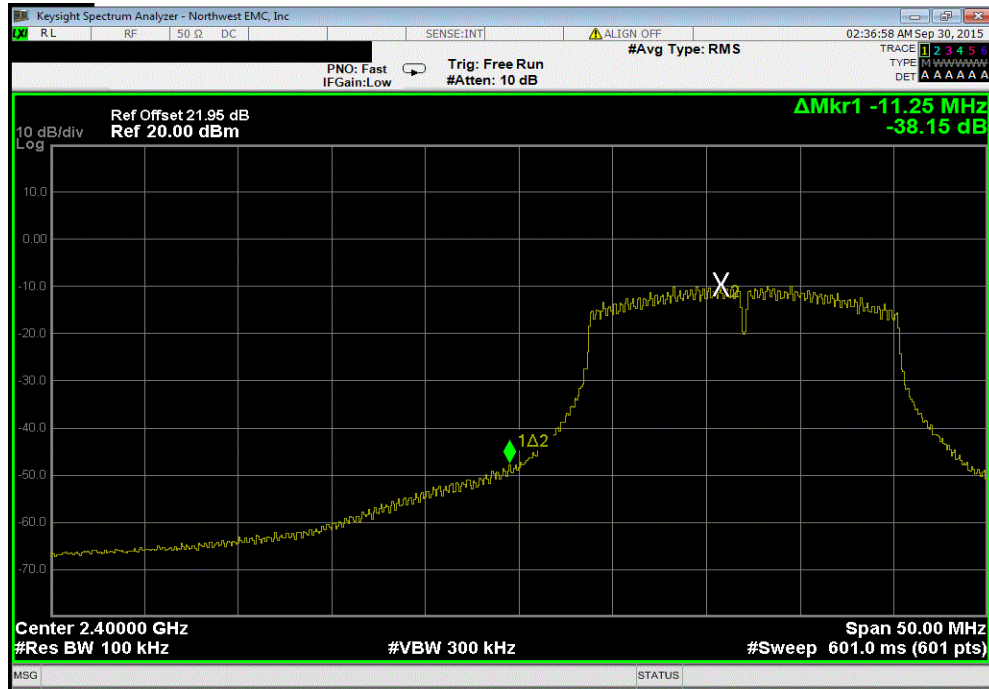


Ant 1, 20 MHz, 2.4 GHz Band, 802.11(g) 6Mbps, High Channel 11, 2462 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-50.56	-30	Pass

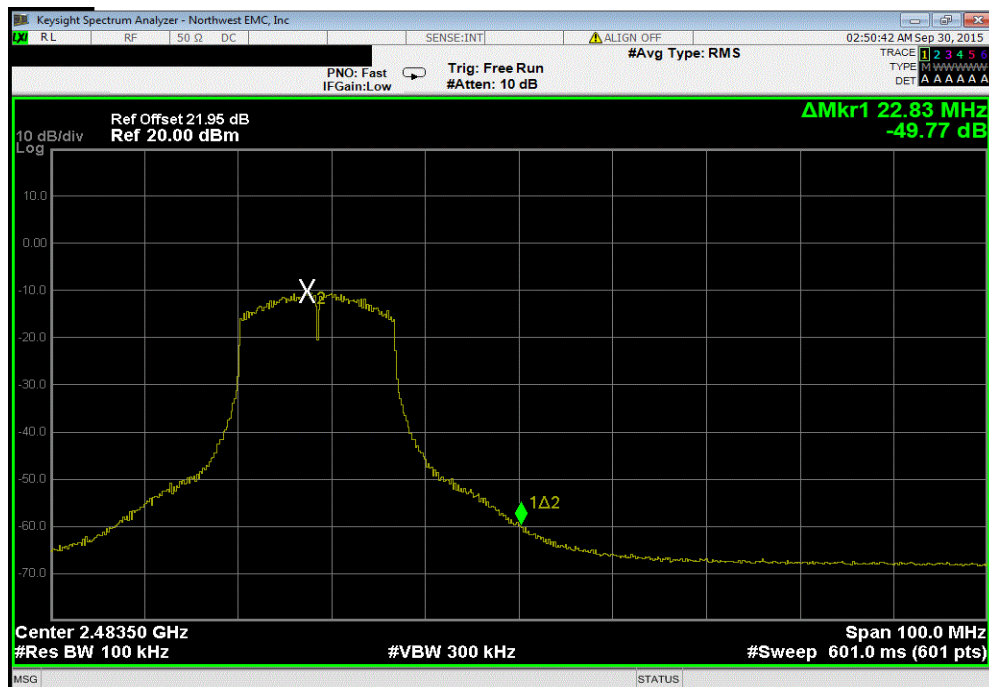


BAND EDGE COMPLIANCE

Ant 1, 20 MHz, 2.4 GHz Band, 802.11(g) 36Mbps, Low Channel 1, 2412 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-38.16	-30	Pass			

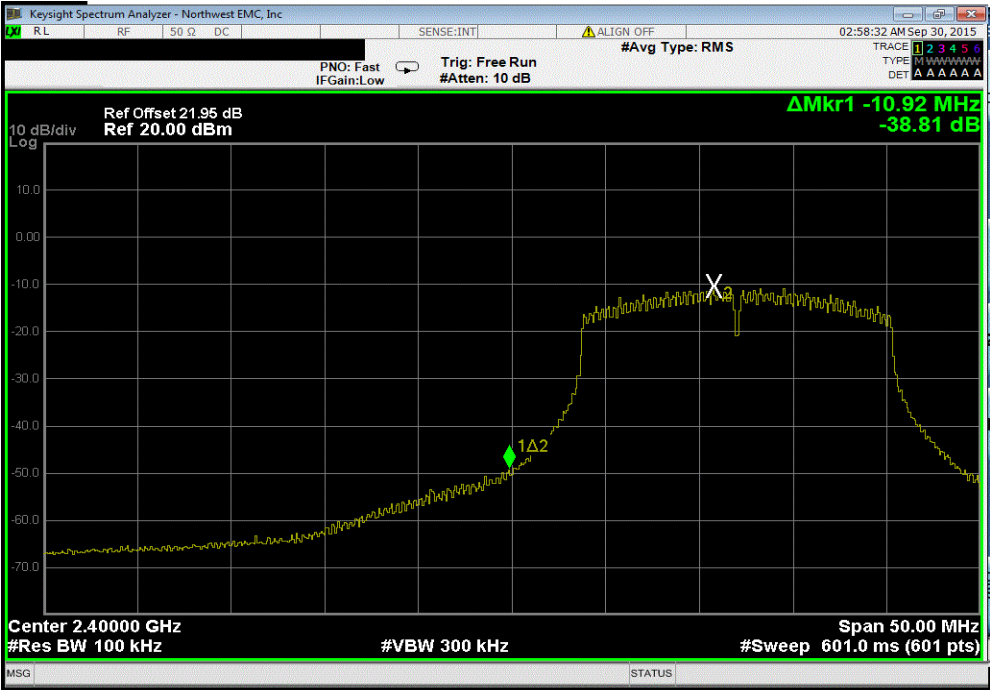


Ant 1, 20 MHz, 2.4 GHz Band, 802.11(g) 36Mbps, High Channel 11, 2462 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-49.77	-30	Pass			

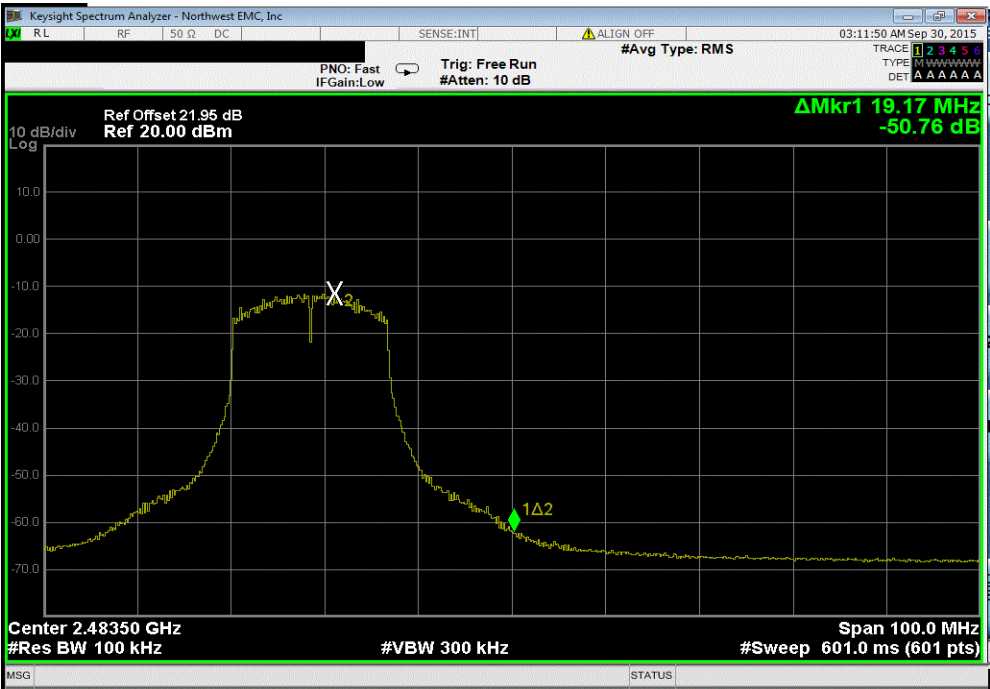


BAND EDGE COMPLIANCE

Ant 1, 20 MHz, 2.4 GHz Band, 802.11(g) 54Mbps, Low Channel 1, 2412 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-38.81	-30	Pass

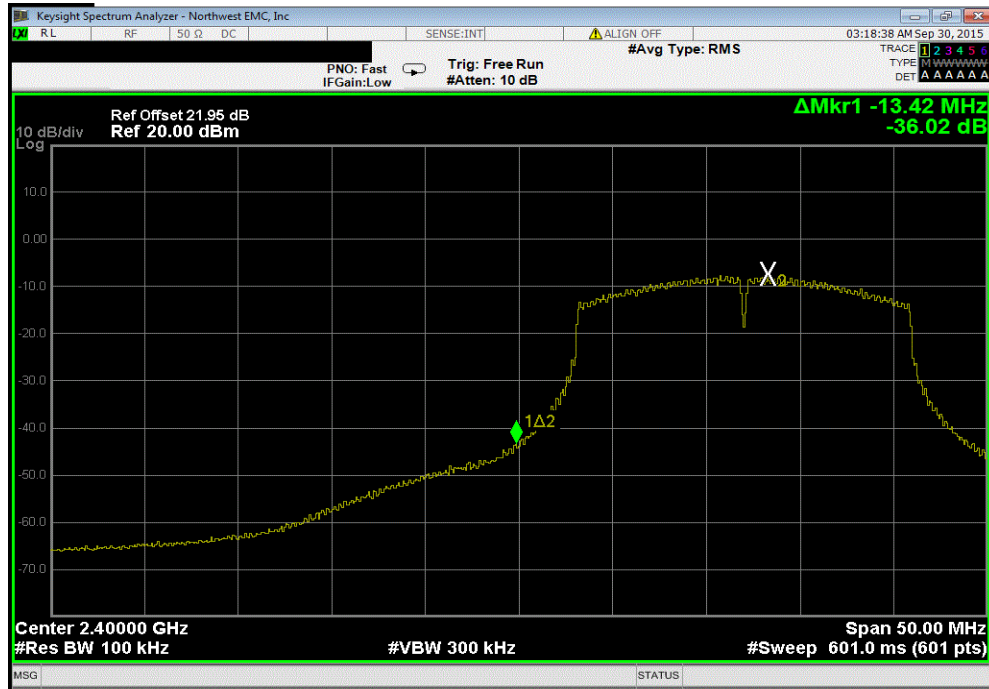


Ant 1, 20 MHz, 2.4 GHz Band, 802.11(g) 54Mbps, High Channel 11, 2462 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-50.76	-30	Pass

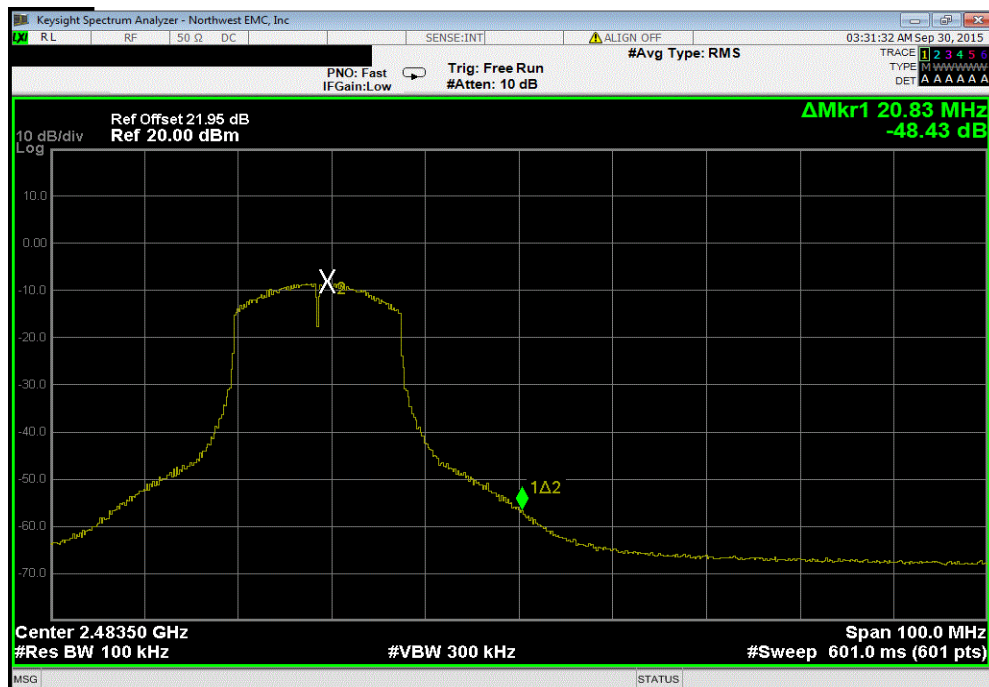


BAND EDGE COMPLIANCE

Ant 1, 20 MHz, 2.4 GHz Band, 802.11(n) MCS0, Low Channel 1, 2412 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-36.02	-30	Pass

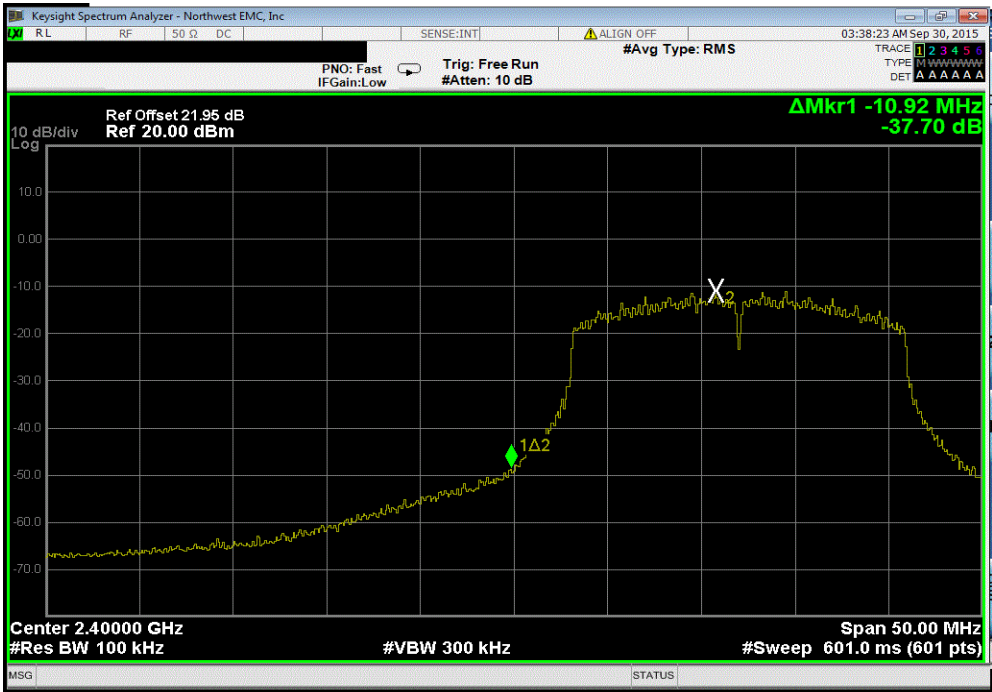


Ant 1, 20 MHz, 2.4 GHz Band, 802.11(n) MCS0, High Channel 11, 2462 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-48.43	-30	Pass

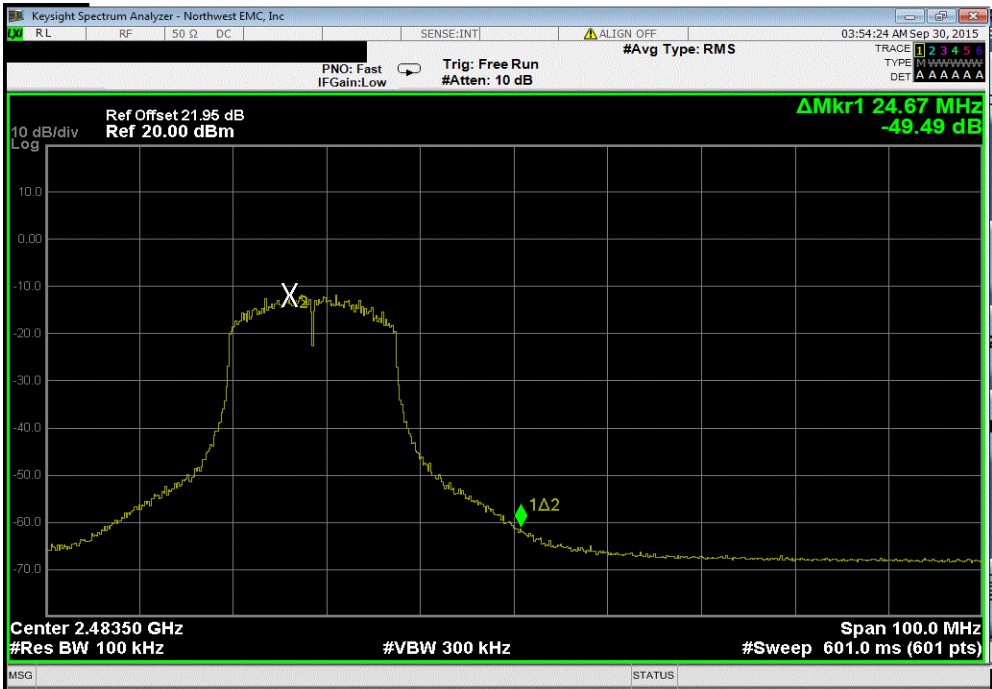


BAND EDGE COMPLIANCE

Ant 1, 20 MHz, 2.4 GHz Band, 802.11(n) MCS7, Low Channel 1, 2412 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-37.7	-30	Pass

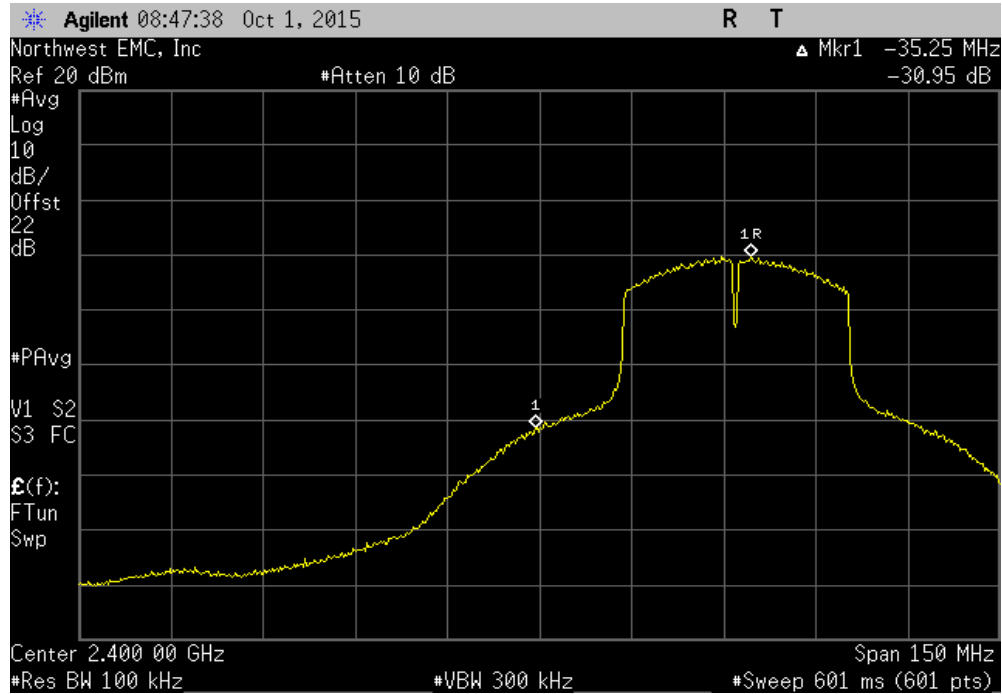


Ant 1, 20 MHz, 2.4 GHz Band, 802.11(n) MCS7, High Channel 11, 2462 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-49.49	-30	Pass

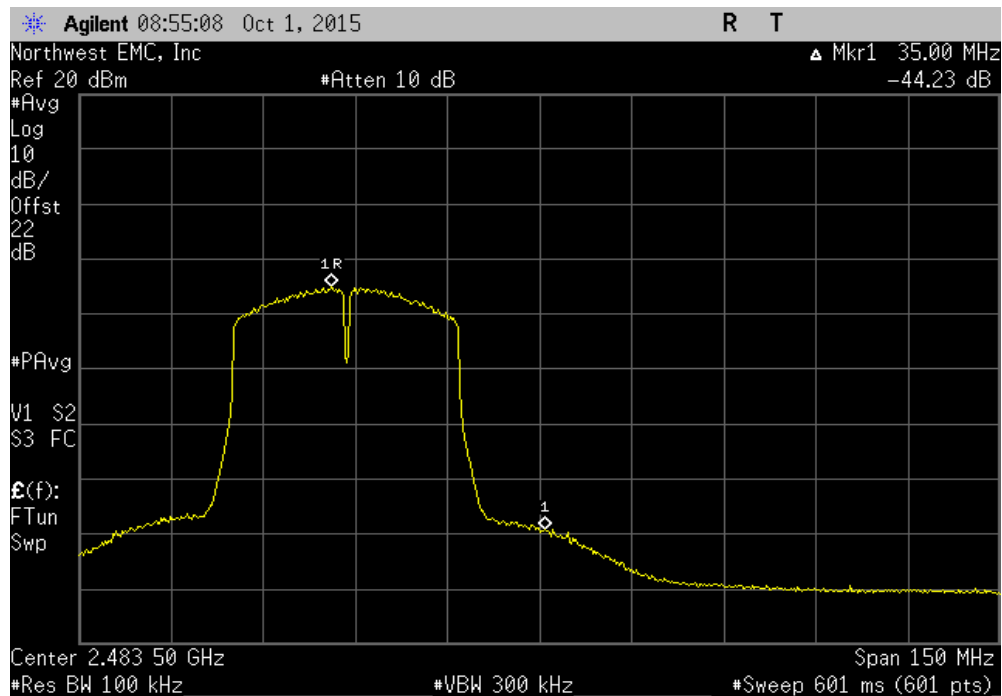


BAND EDGE COMPLIANCE

Ant 1, 40 MHz, 2.4 GHz Band, 802.11(n) MCS0, Low Channel 5, 2432 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-30.95	-30	Pass

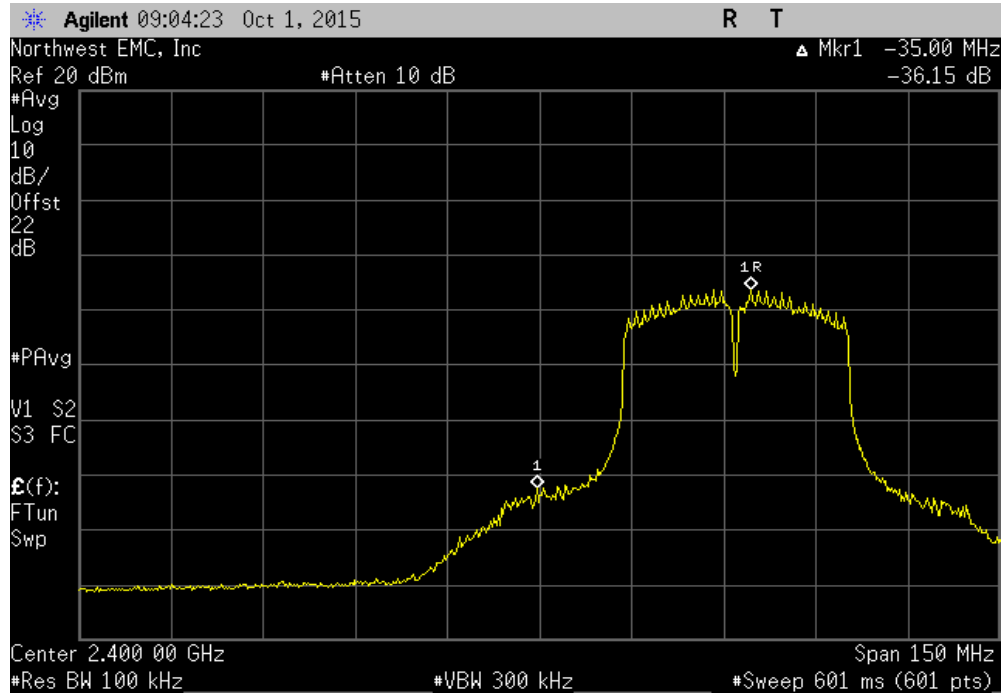


Ant 1, 40 MHz, 2.4 GHz Band, 802.11(n) MCS0, High Channel 9, 2452 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-44.23	-30	Pass

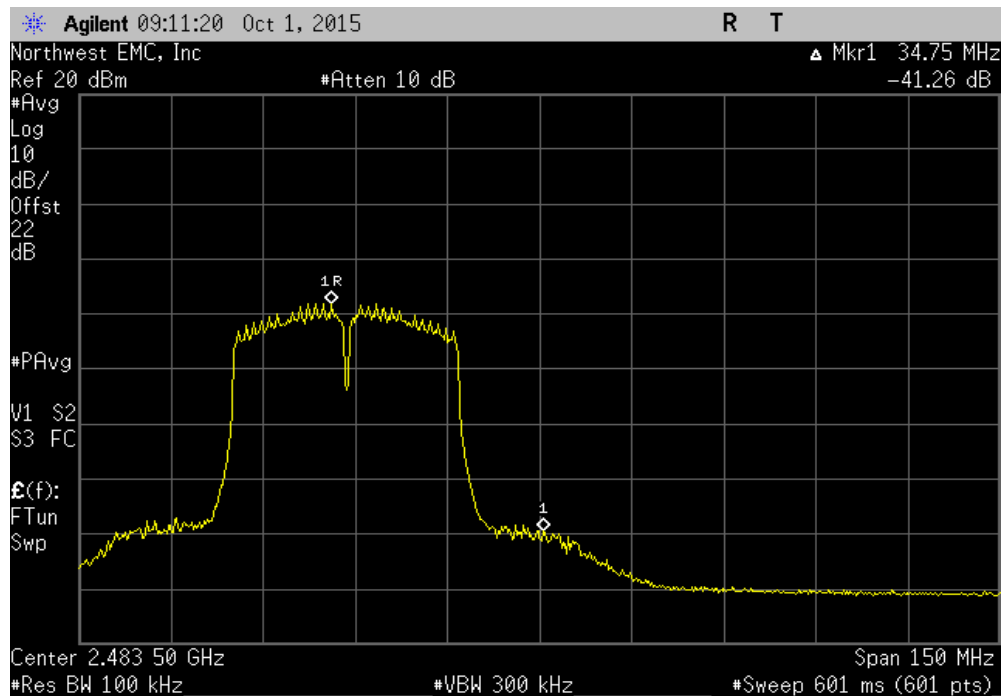


BAND EDGE COMPLIANCE

Ant 1, 40 MHz, 2.4 GHz Band, 802.11(n) MCS7, Low Channel 5, 2432 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-36.15	-30	Pass

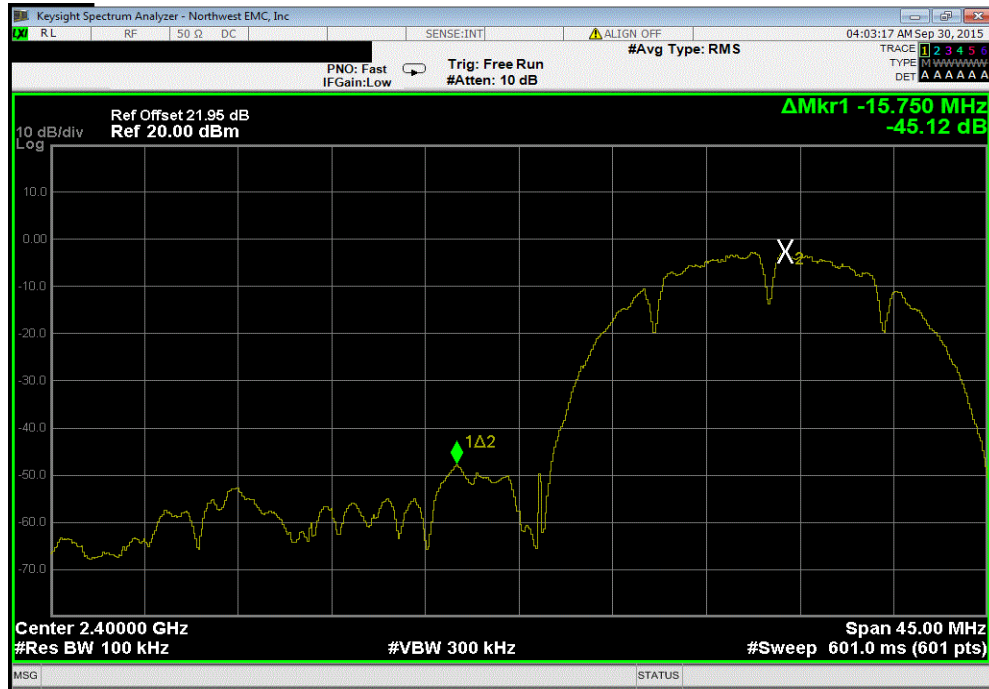


Ant 1, 40 MHz, 2.4 GHz Band, 802.11(n) MCS7, High Channel 9, 2452 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-41.26	-30	Pass

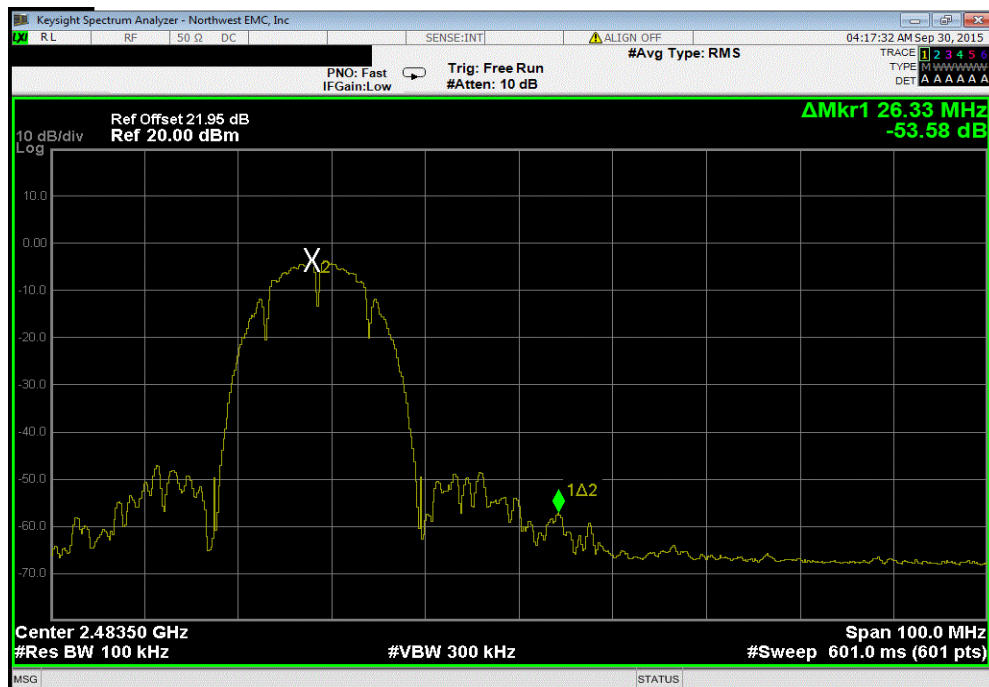


BAND EDGE COMPLIANCE

Ant 2, 20 MHz, 2.4 GHz Band, 802.11(b) 1Mbps, Low Channel 1, 2412 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-45.12	-30	Pass

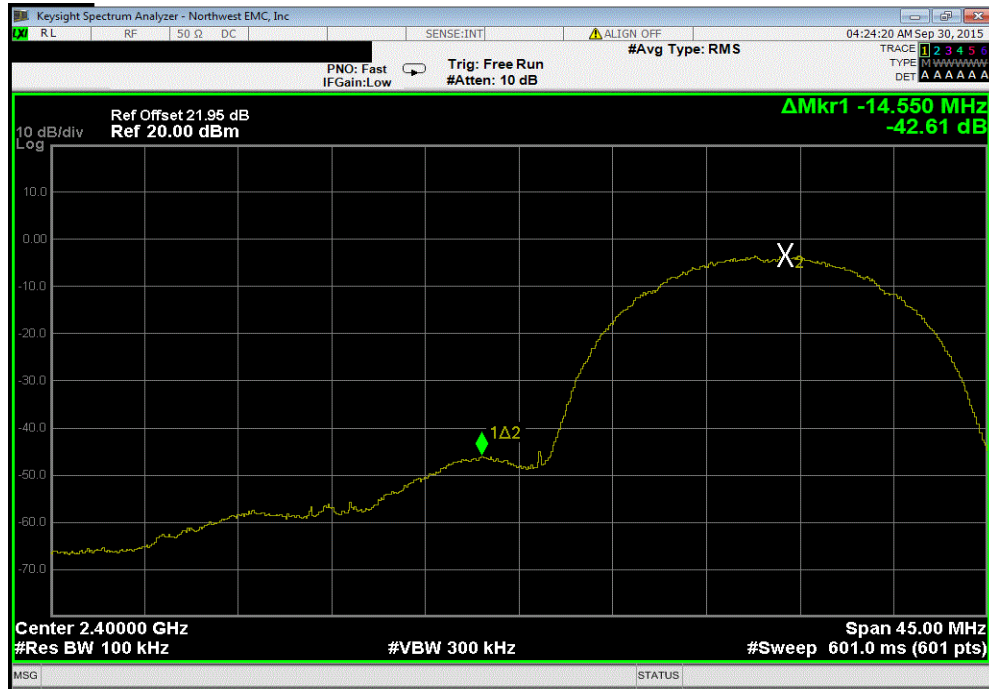


Ant 2, 20 MHz, 2.4 GHz Band, 802.11(b) 1Mbps, High Channel 11, 2462 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-53.58	-30	Pass

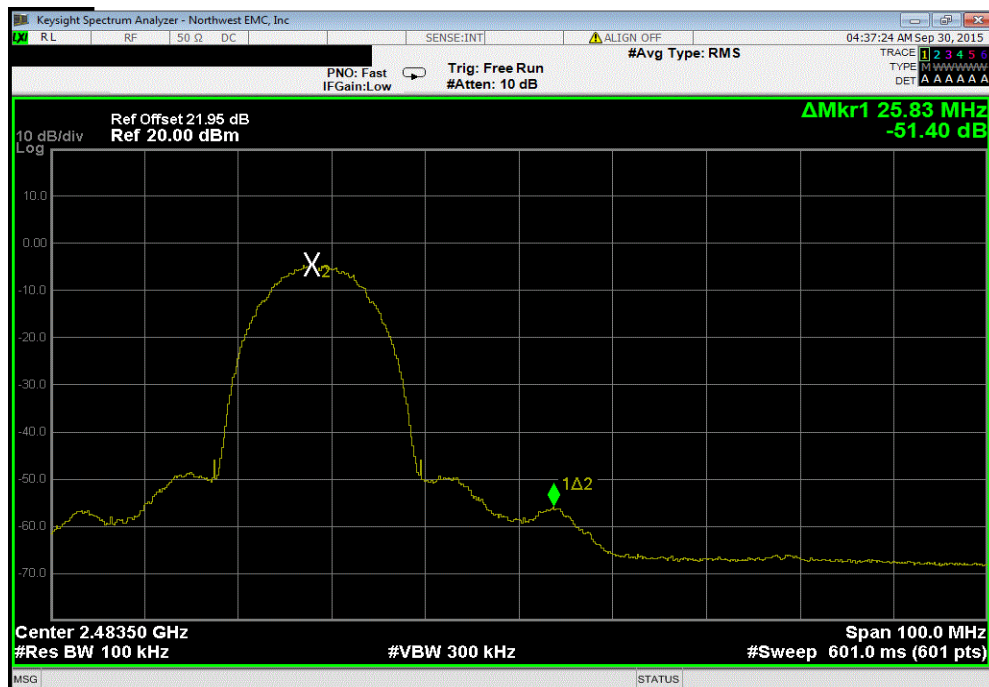


BAND EDGE COMPLIANCE

Ant 2, 20 MHz, 2.4 GHz Band, 802.11(b) 11Mbps, Low Channel 1, 2412 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-42.61	-30	Pass			

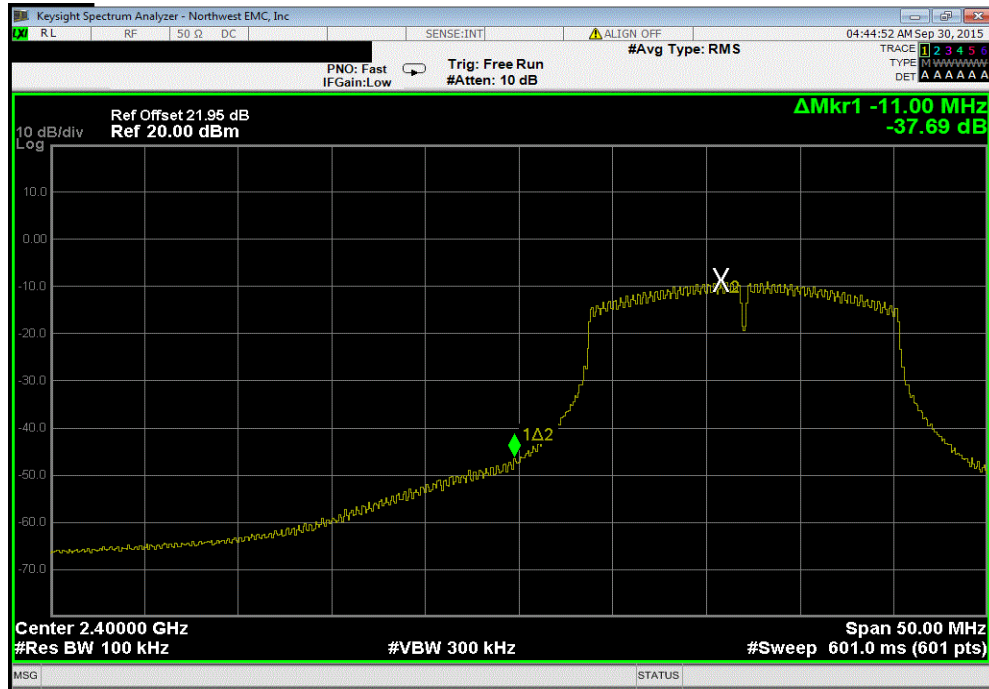


Ant 2, 20 MHz, 2.4 GHz Band, 802.11(b) 11Mbps, High Channel 11, 2462 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-51.4	-30	Pass			

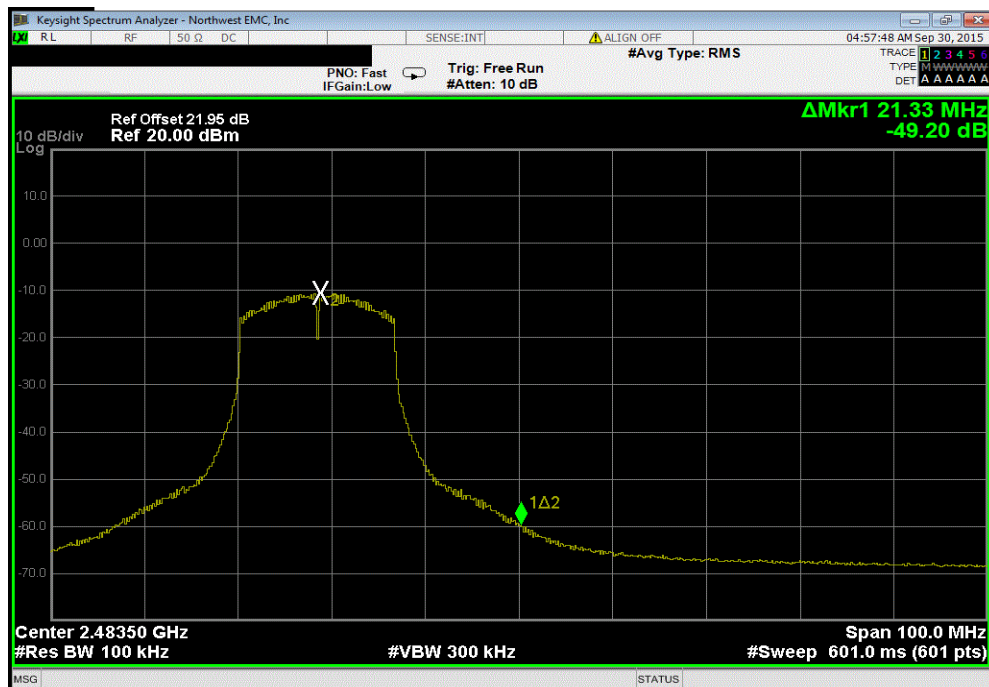


BAND EDGE COMPLIANCE

Ant 2, 20 MHz, 2.4 GHz Band, 802.11(g) 6Mbps, Low Channel 1, 2412 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-37.69	-30	Pass			

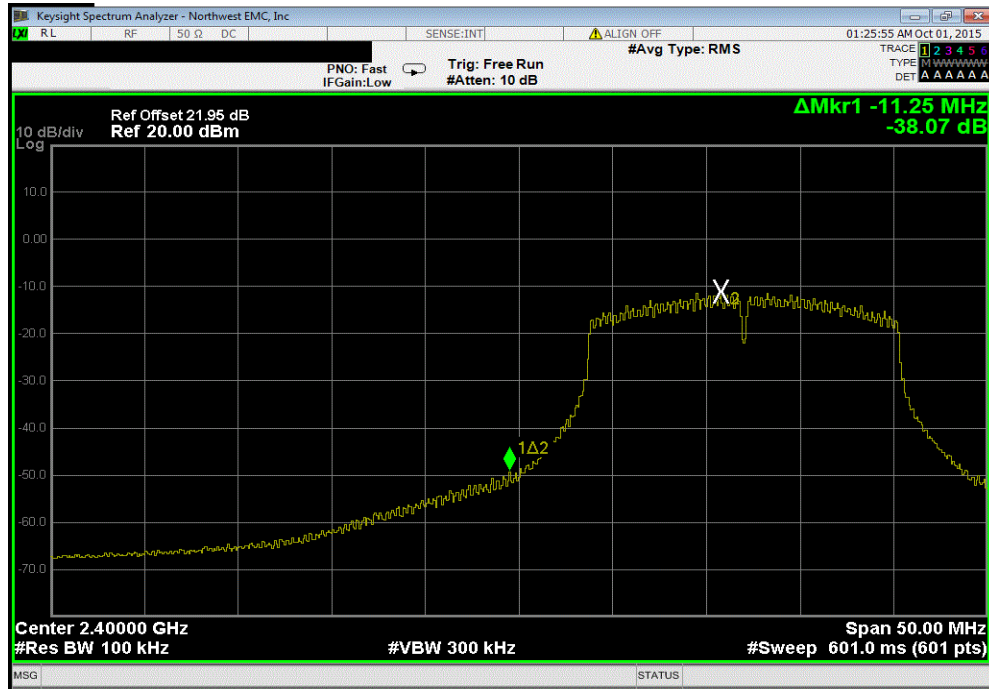


Ant 2, 20 MHz, 2.4 GHz Band, 802.11(g) 6Mbps, High Channel 11, 2462 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-49.2	-30	Pass			

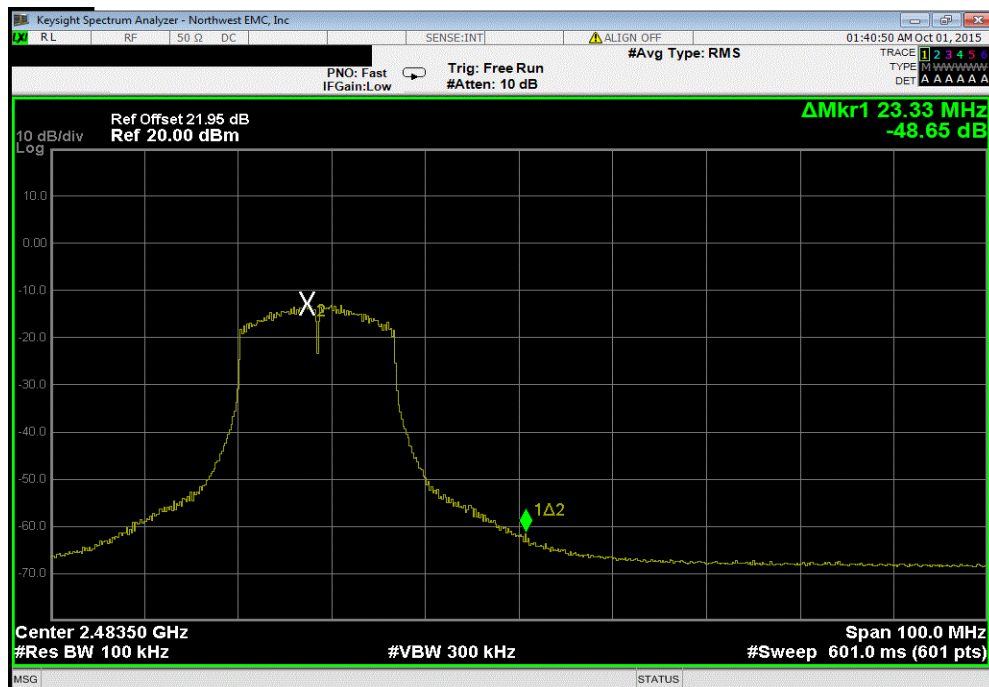


BAND EDGE COMPLIANCE

Ant 2, 20 MHz, 2.4 GHz Band, 802.11(g) 36Mbps, Low Channel 1, 2412 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-38.07	-30	Pass			

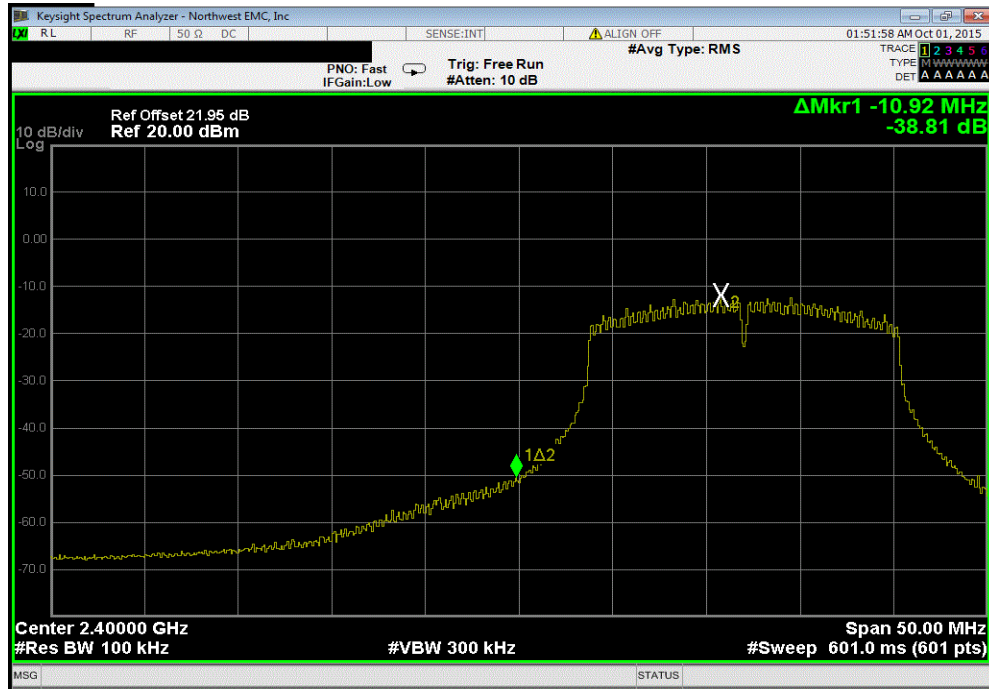


Ant 2, 20 MHz, 2.4 GHz Band, 802.11(g) 36Mbps, High Channel 11, 2462 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-48.65	-30	Pass			

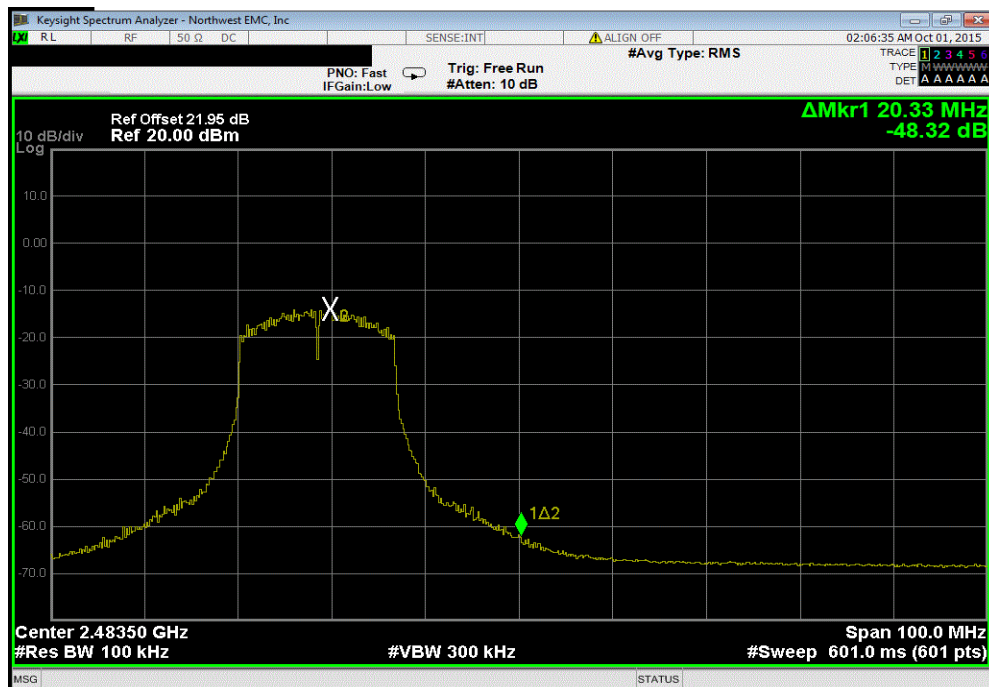


BAND EDGE COMPLIANCE

Ant 2, 20 MHz, 2.4 GHz Band, 802.11(g) 54Mbps, Low Channel 1, 2412 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-38.81	-30	Pass			

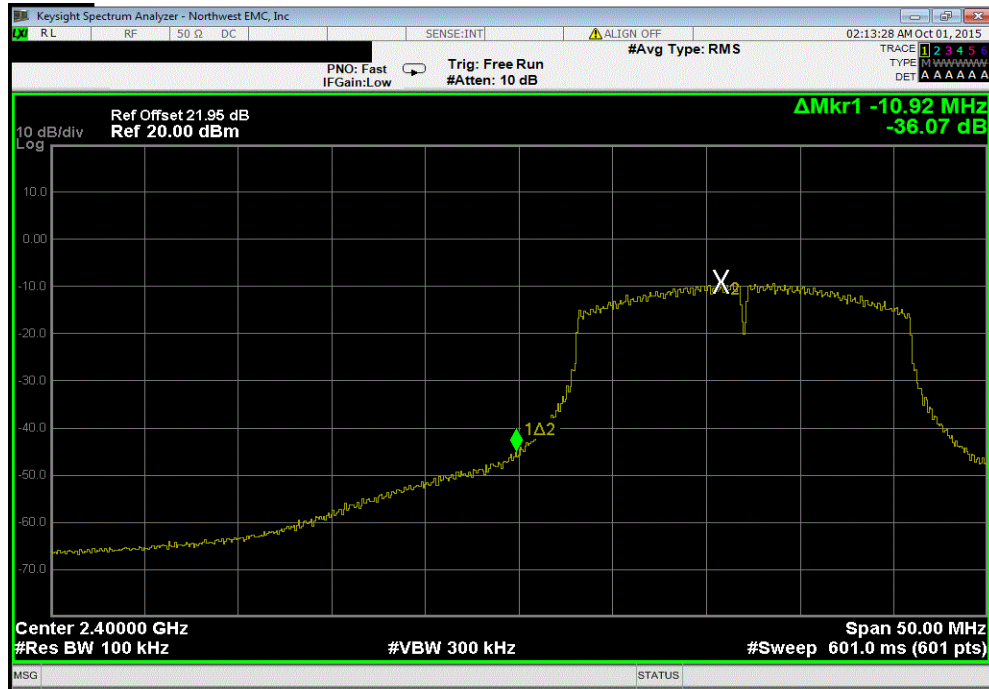


Ant 2, 20 MHz, 2.4 GHz Band, 802.11(g) 54Mbps, High Channel 11, 2462 MHz						
	Value (dBc)	Limit ≤ (dBc)	Result			
	-48.32	-30	Pass			

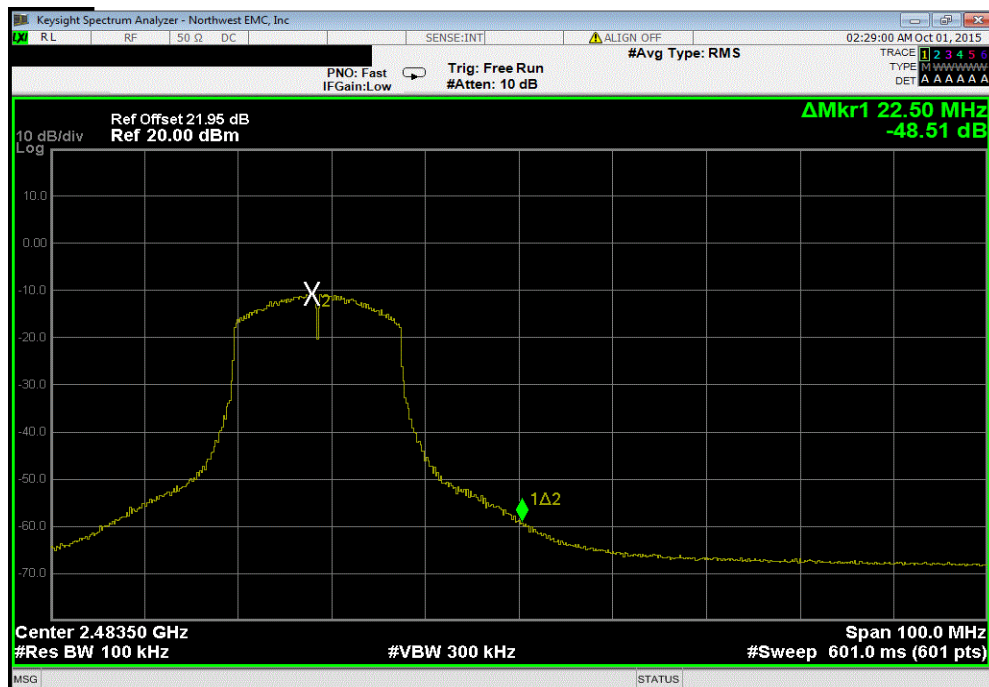


BAND EDGE COMPLIANCE

Ant 2, 20 MHz, 2.4 GHz Band, 802.11(n) MCS0, Low Channel 1, 2412 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-36.07	-30	Pass

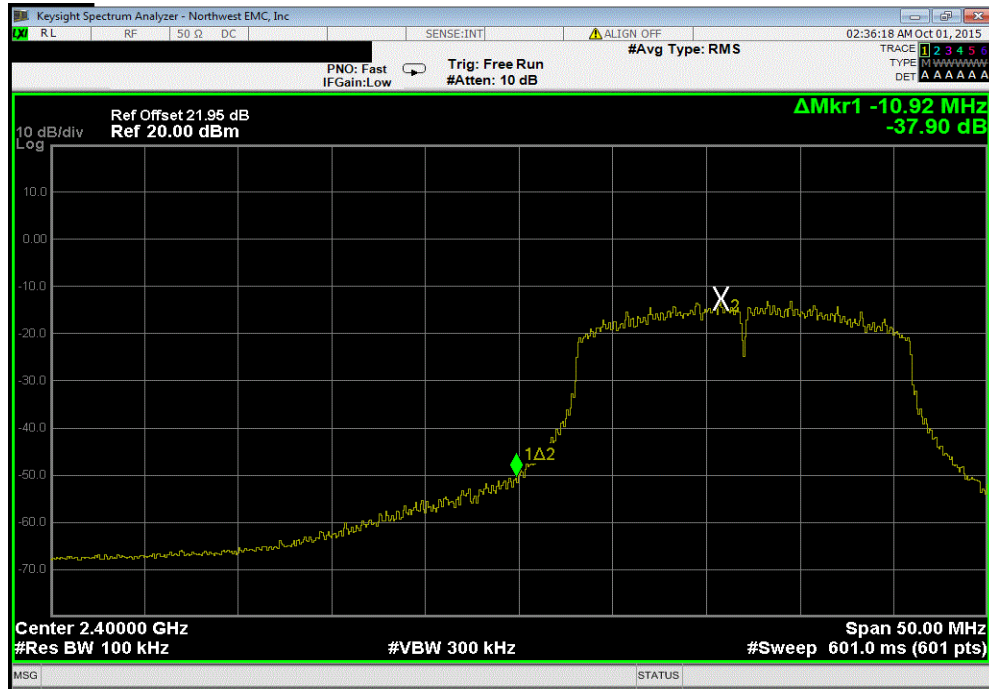


Ant 2, 20 MHz, 2.4 GHz Band, 802.11(n) MCS0, High Channel 11, 2462 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-48.52	-30	Pass

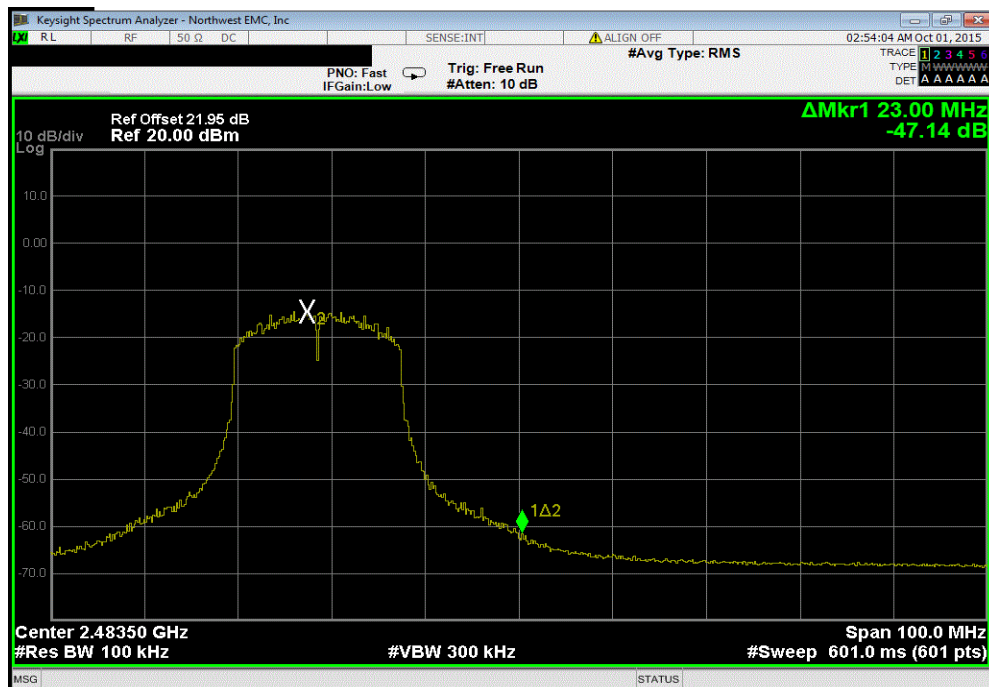


BAND EDGE COMPLIANCE

Ant 2, 20 MHz, 2.4 GHz Band, 802.11(n) MCS7, Low Channel 1, 2412 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-37.9	-30	Pass

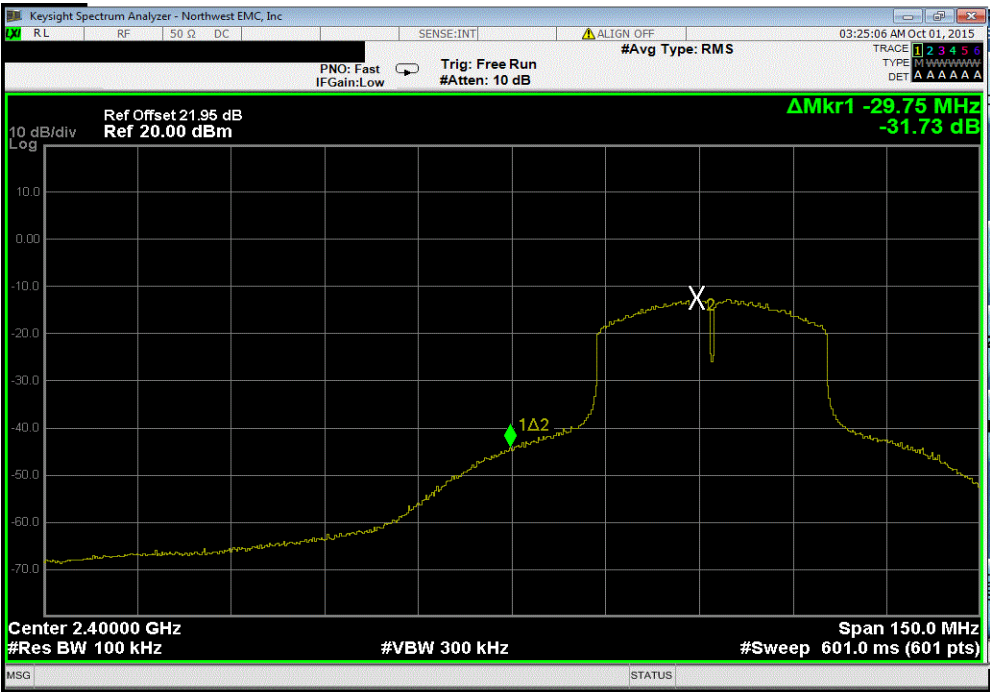


Ant 2, 20 MHz, 2.4 GHz Band, 802.11(n) MCS7, High Channel 11, 2462 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-47.14	-30	Pass

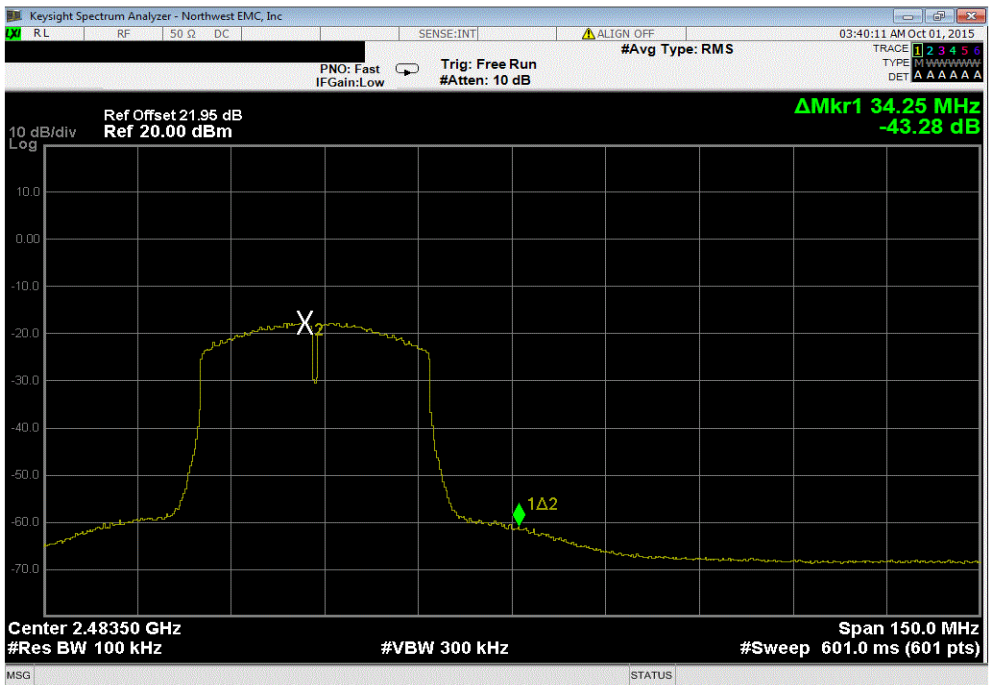


BAND EDGE COMPLIANCE

Ant 2, 40 MHz, 2.4 GHz Band, 802.11(n) MCS0, Low Channel 5, 2432 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-31.73	-30	Pass

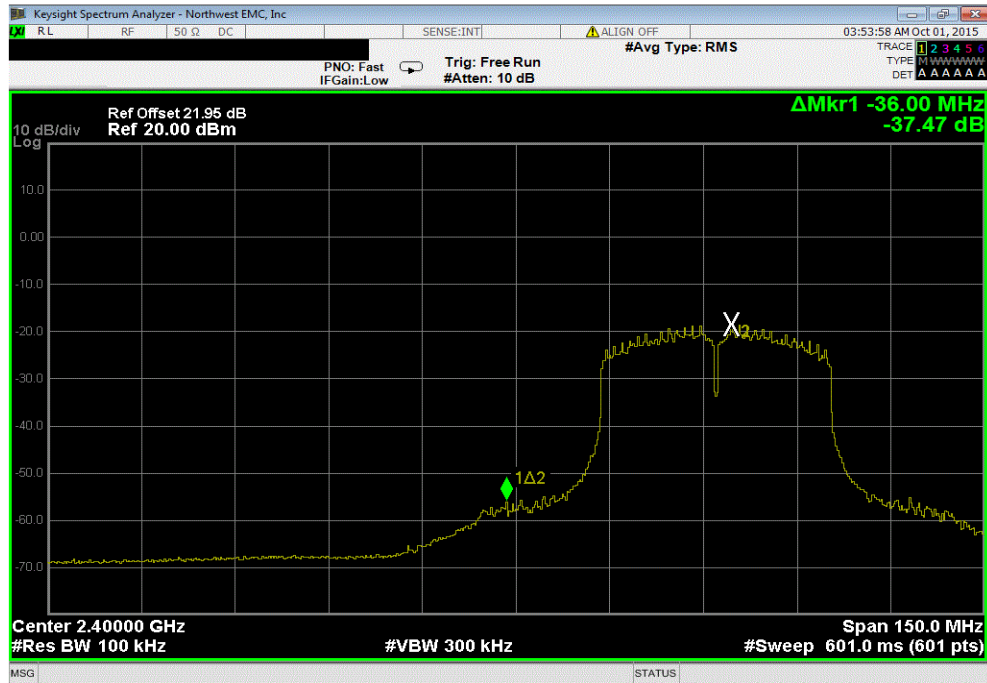


Ant 2, 40 MHz, 2.4 GHz Band, 802.11(n) MCS0, High Channel 9, 2452 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-43.28	-30	Pass

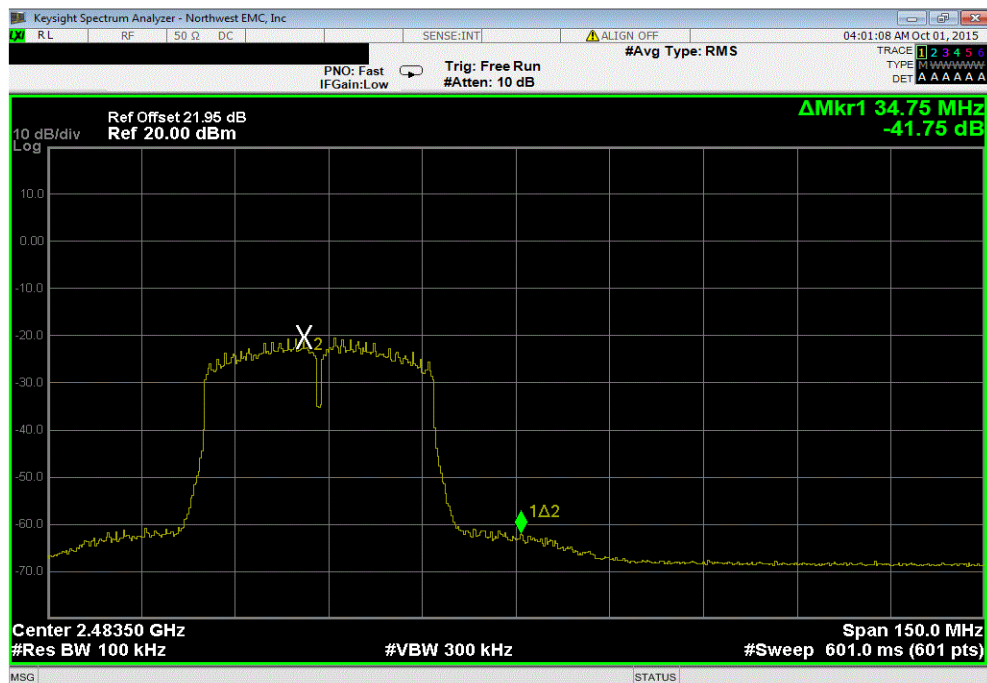


BAND EDGE COMPLIANCE

Ant 2, 40 MHz, 2.4 GHz Band, 802.11(n) MCS7, Low Channel 5, 2432 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-37.47	-30	Pass



Ant 2, 40 MHz, 2.4 GHz Band, 802.11(n) MCS7, High Channel 9, 2452 MHz						
				Value (dBc)	Limit ≤ (dBc)	Result
				-41.75	-30	Pass



DUTY CYCLE

Testing was performed using the mode(s) of operation and configuration(s) noted within the report. The individuals and/or the organization requesting the test provided the modes, configurations and settings used to complete the evaluation. The actual test parameters are specified in the test data, this includes items such as investigated frequency range (scanned) and test levels. The testing methods and performance specifications, as well as the test site used for the evaluation are indicated in the test data.

TEST EQUIPMENT

Description	Manufacturer	Model	ID	Last Cal.	Interval (mo)
Spectrum Analyzer	Agilent	E4440A	AFE	6/22/2015	12
Spectrum Analyzer	Keysight	N9010A	AFO	6/23/2015	12
NC02 Cable	ESM Cable Corp.	TTBJ-141 KMKM-72	NC5	6/6/2015	12
Attenuator	Fairview Microwave	SA4014-20	TKE	1/16/2015	12
DC Block, 40 GHz	Fairview Microwave	SD3379	AMJ	6/6/2015	12
Signal Generator	Keysight	N5182B	TFY	4/16/2015	36

TEST DESCRIPTION

The Duty Cycle (x) of the single channel operation of the radio as controlled by the provided test software was measured for each of the EUT operating modes.

There is no compliance requirement to be met by this test, so therefore no Pass / Fail criteria.

The measurements were made using a zero span on the spectrum analyzer to see the pulses in the time domain. The transmit power was set to its default maximum. A direct connection was made between the RF output of the EUT and a spectrum analyzer. Attenuation and a DC block were used.

The duty cycle was calculated by dividing the transmission pulse duration (T) by the total period of a single on and total off time.

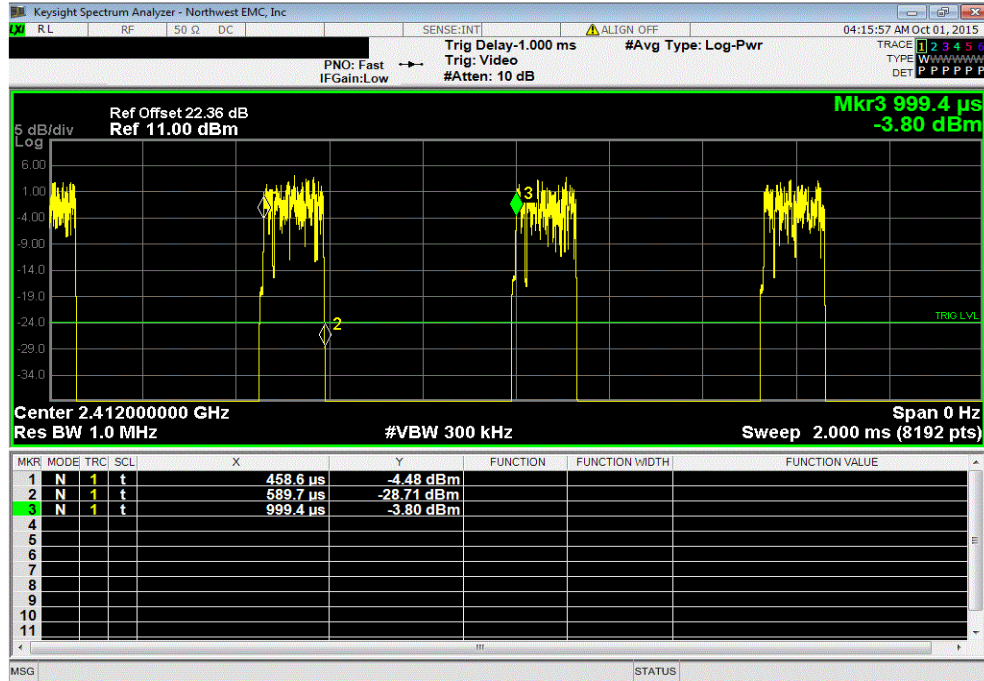
If the transmit duty cycle < 98 percent, burst gating may have been used during some of the other tests in this report to only take the measurement during the burst duration.

DUTY CYCLE

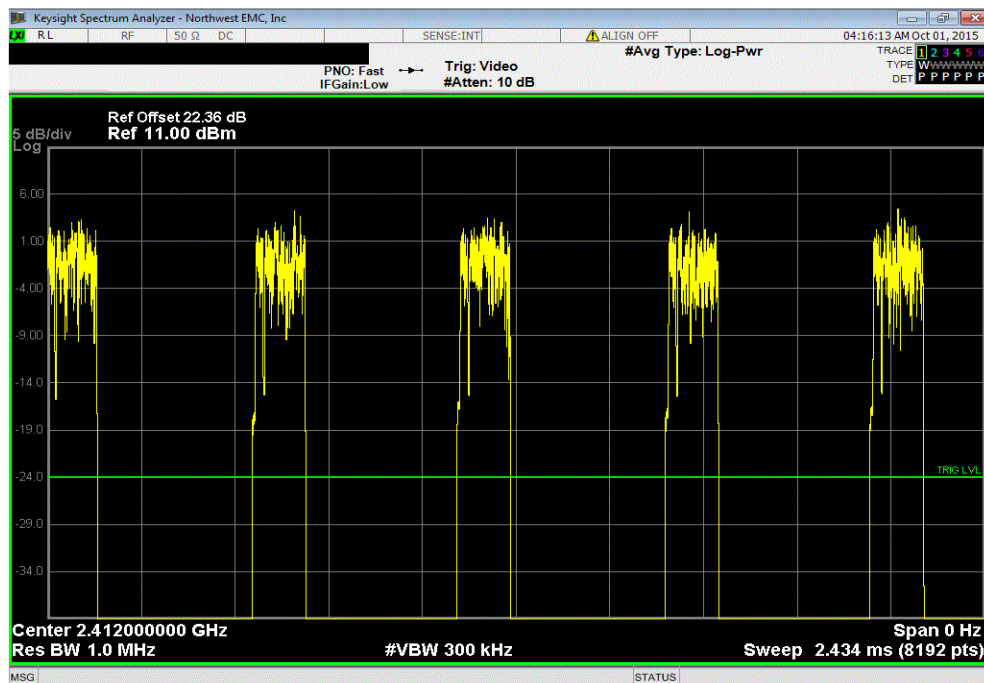
EUT: Precor Wi-Fi / Bluetooth Module Model 303346		Work Order: PRCR0230					
Serial Number: None		Date: 10/01/15					
Customer: Precor, Inc.		Temperature: 23°C					
Attendees: Rich Whitbeck		Humidity: 44%					
Project: None		Barometric Pres.: 1017mb					
Tested by: Richard Mellroth		Power: 110VAC/60Hz					
Job Site: NC01 / NC02							
TEST SPECIFICATIONS		Test Method					
FCC 15.247:2015		ANSI C63.10:2013					
COMMENTS							
Power settings at Maximum.							
DEVIATIONS FROM TEST STANDARD							
None							
Configuration #	1	Signature 					
		Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results
Ant 1 (2x2 MIMO)							
20 MHz							
2.4 GHz Band							
802.11(n) MCS12							
Low Channel 1, 2412 MHz		131.1 us	540.8 us	1	24.2	N/A	N/A
Low Channel 1, 2412 MHz		N/A	N/A	5	N/A	N/A	N/A
Mid Channel 6, 2437 MHz		131.1 us	540.8 us	1	24.2	N/A	N/A
Mid Channel 6, 2437 MHz		N/A	N/A	5	N/A	N/A	N/A
High Channel 11, 2462 MHz		131.2 us	531.8 us	1	24.7	N/A	N/A
High Channel 11, 2462 MHz		N/A	N/A	5	N/A	N/A	N/A
802.11(n) MCS15							
Low Channel 1, 2412 MHz		91.6 us	501.3 us	1	18.3	N/A	N/A
Low Channel 1, 2412 MHz		N/A	N/A	5	N/A	N/A	N/A
Mid Channel 6, 2437 MHz		91.5 us	501 us	1	18.3	N/A	N/A
Mid Channel 6, 2437 MHz		N/A	N/A	5	N/A	N/A	N/A
High Channel 11, 2462 MHz		91.5 us	501.3 us	1	18.3	N/A	N/A
High Channel 11, 2462 MHz		N/A	N/A	5	N/A	N/A	N/A
Ant 2 (2x2 MIMO)							
20 MHz							
2.4 GHz Band							
802.11(n) MCS12							
Low Channel 1, 2412 MHz		132.1 us	540.9 us	1	24.4	N/A	N/A
Low Channel 1, 2412 MHz		N/A	N/A	5	N/A	N/A	N/A
Mid Channel 6, 2437 MHz		132.1 us	531.8 us	1	24.8	N/A	N/A
Mid Channel 6, 2437 MHz		N/A	N/A	5	N/A	N/A	N/A
High Channel 11, 2462 MHz		132.1 us	531.8 us	1	24.8	N/A	N/A
High Channel 11, 2462 MHz		N/A	N/A	5	N/A	N/A	N/A
802.11(n) MCS15							
Low Channel 1, 2412 MHz		92.3 us	492 us	1	18.8	N/A	N/A
Low Channel 1, 2412 MHz		N/A	N/A	5	N/A	N/A	N/A
Mid Channel 6, 2437 MHz		92.5 us	501.3 us	1	18.5	N/A	N/A
Mid Channel 6, 2437 MHz		N/A	N/A	5	N/A	N/A	N/A
High Channel 11, 2462 MHz		92.5 us	492 us	1	18.8	N/A	N/A
High Channel 11, 2462 MHz		N/A	N/A	5	N/A	N/A	N/A

DUTY CYCLE

Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, Low Channel 1, 2412 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
131.1 μ s	540.8 μ s	1	24.2	N/A	N/A	

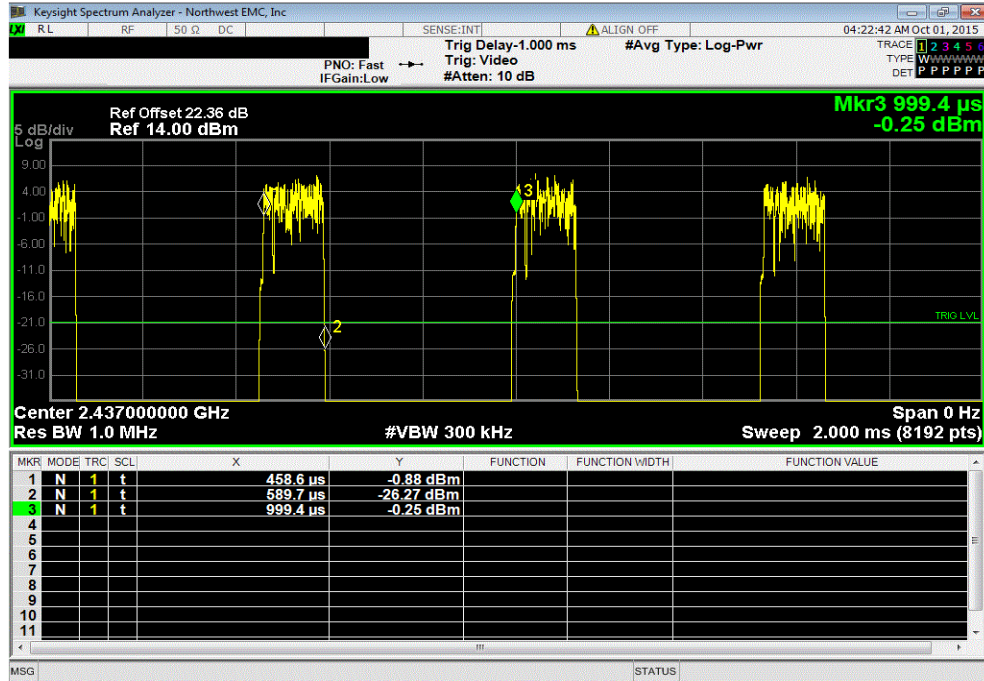


Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, Low Channel 1, 2412 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

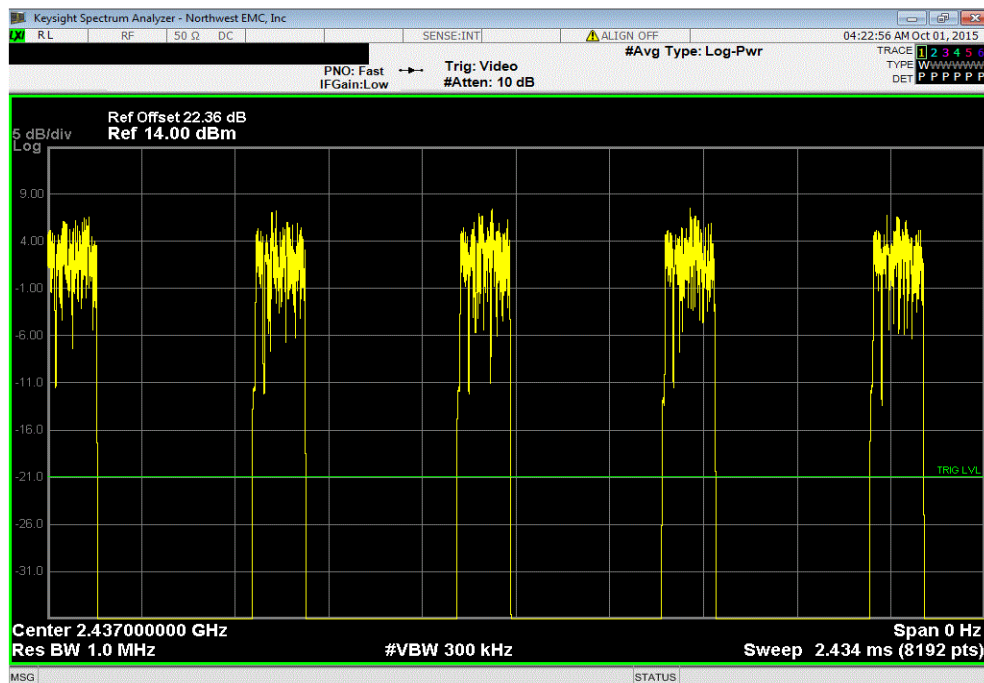


DUTY CYCLE

Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, Mid Channel 6, 2437 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
131.1 μ s	540.8 μ s	1	24.2	N/A	N/A	

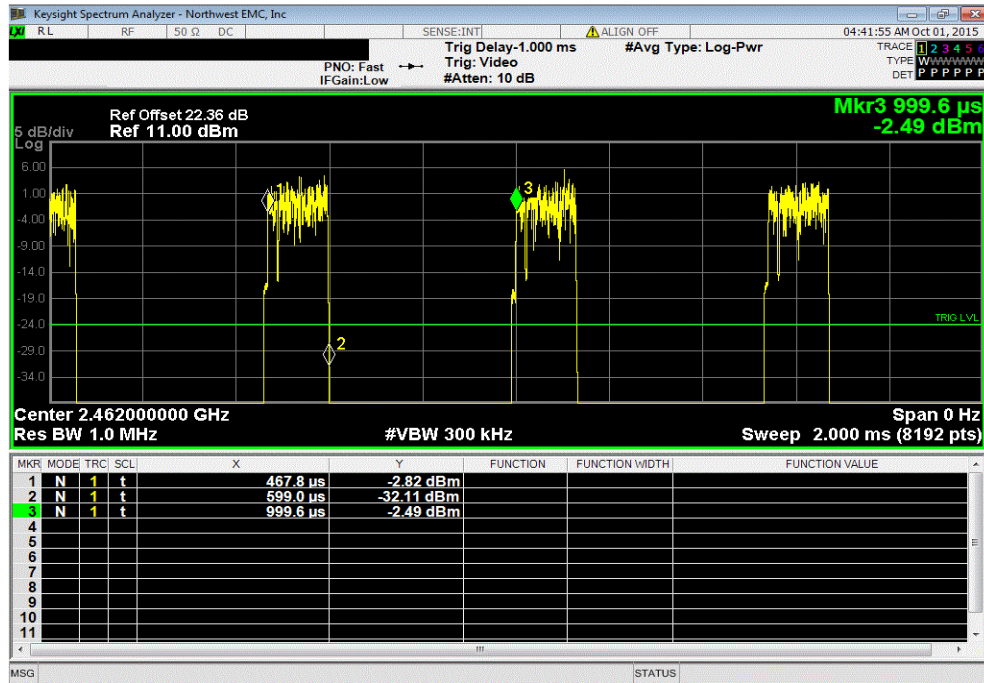


Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, Mid Channel 6, 2437 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

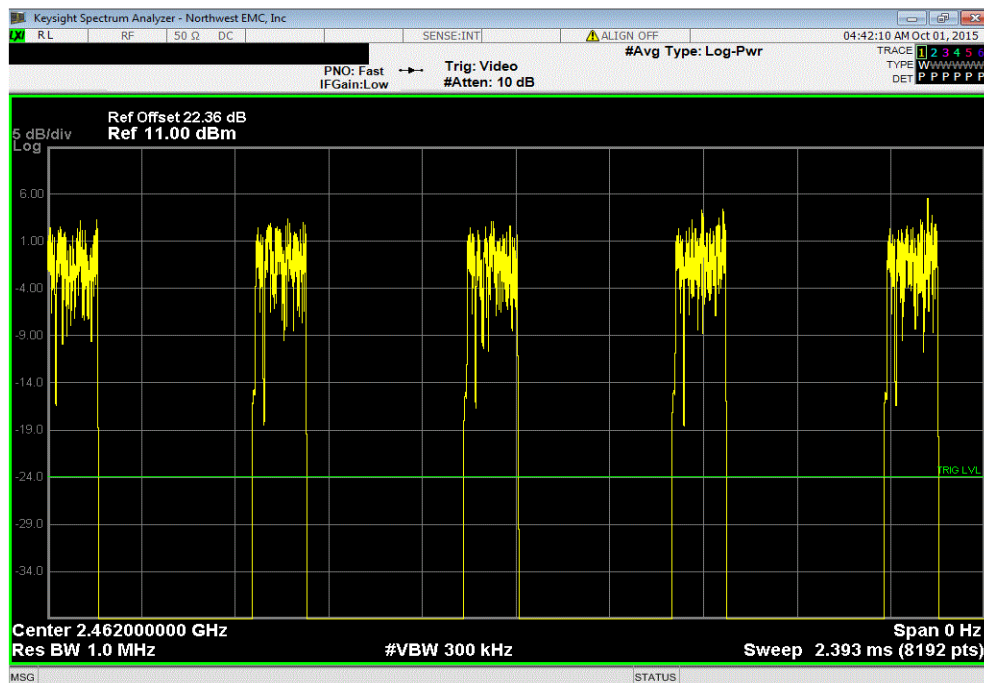


DUTY CYCLE

Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, High Channel 11, 2462 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
131.2 us	531.8 us	1	24.7	N/A	N/A	

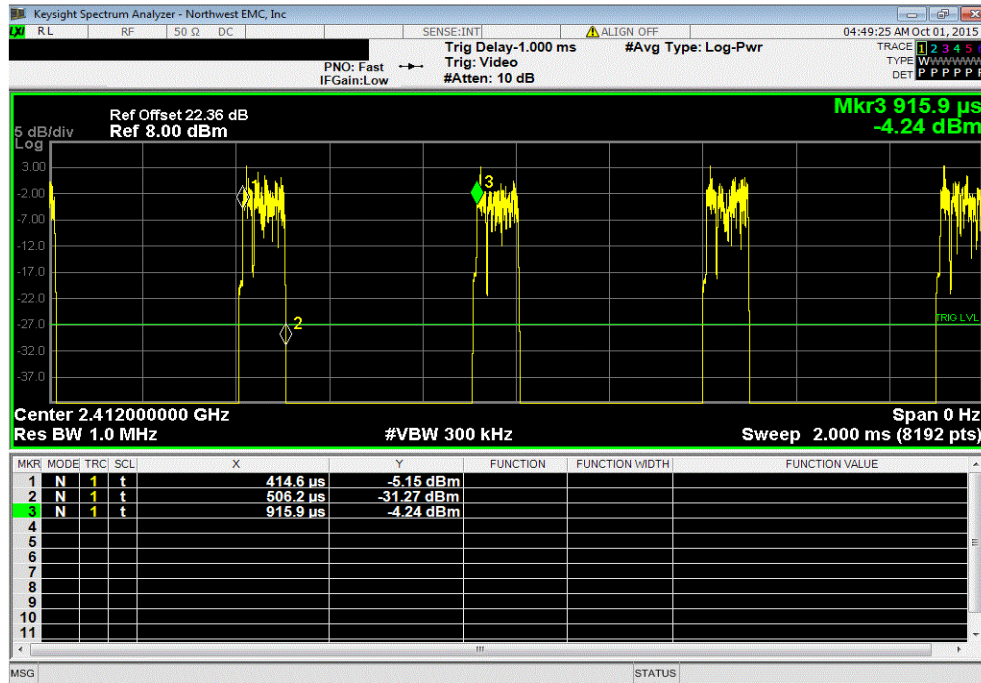


Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, High Channel 11, 2462 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

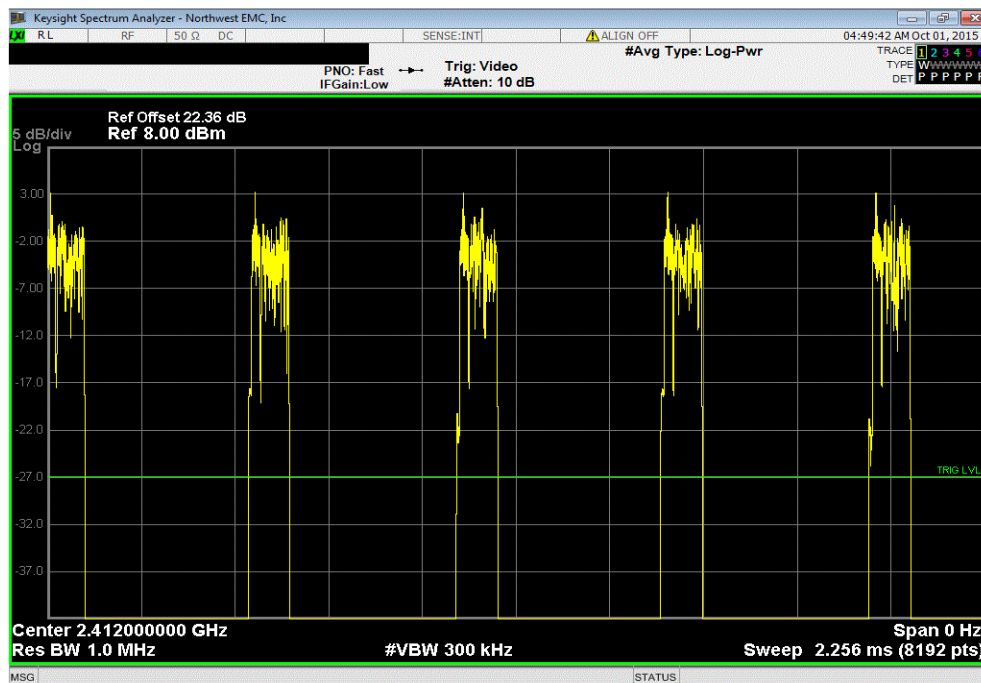


DUTY CYCLE

Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, Low Channel 1, 2412 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
91.6 us	501.3 us	1	18.3	N/A	N/A	

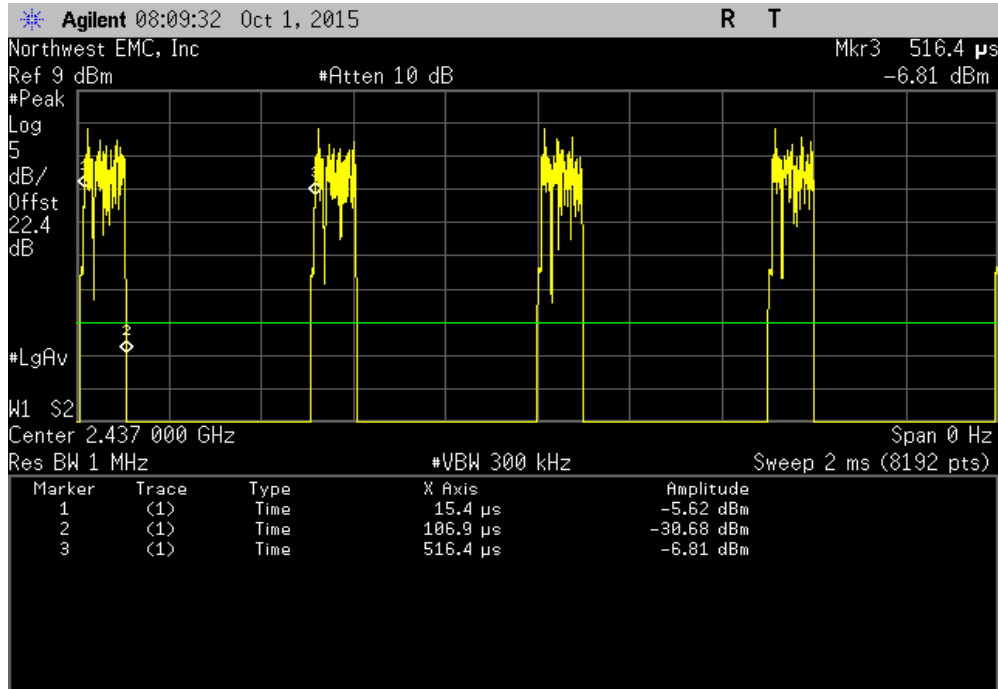


Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, Low Channel 1, 2412 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

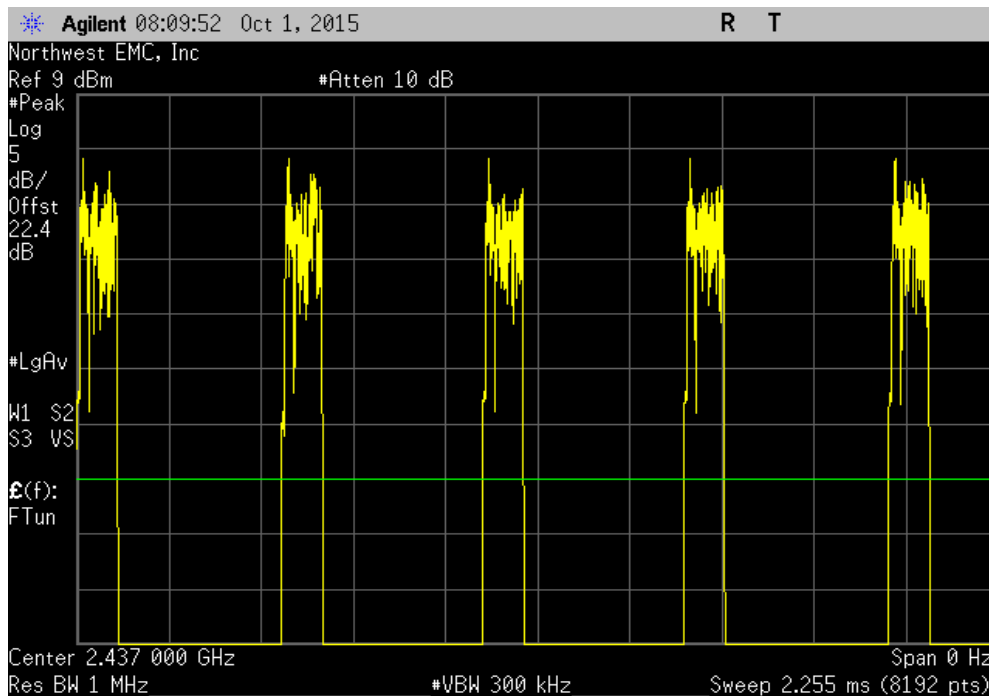


DUTY CYCLE

Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, Mid Channel 6, 2437 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
91.5 us	501 us	1	18.3	N/A	N/A	

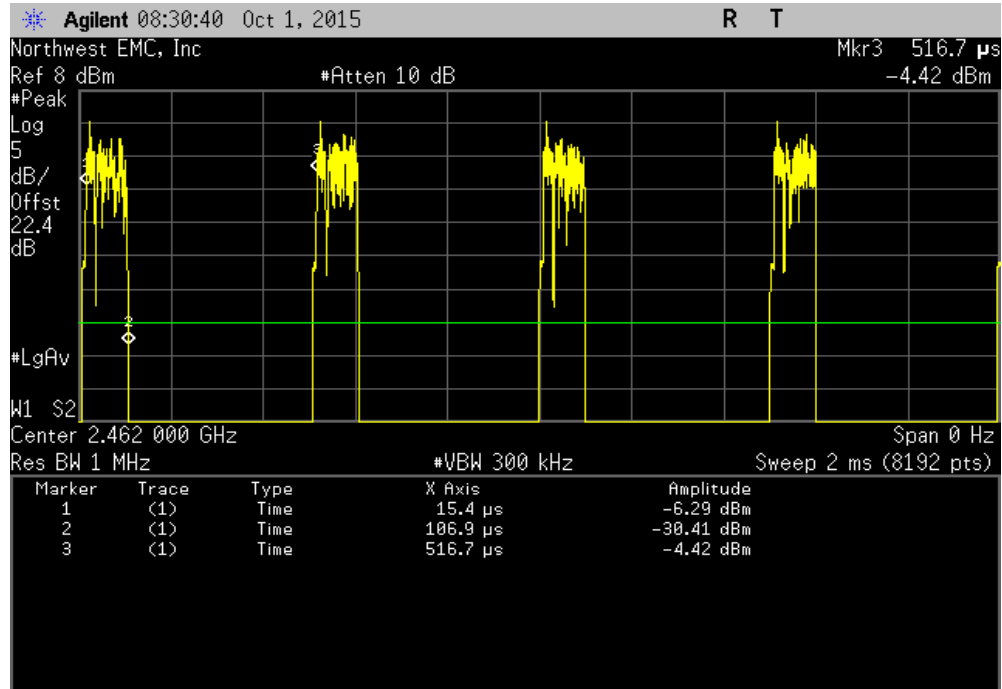


Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, Mid Channel 6, 2437 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

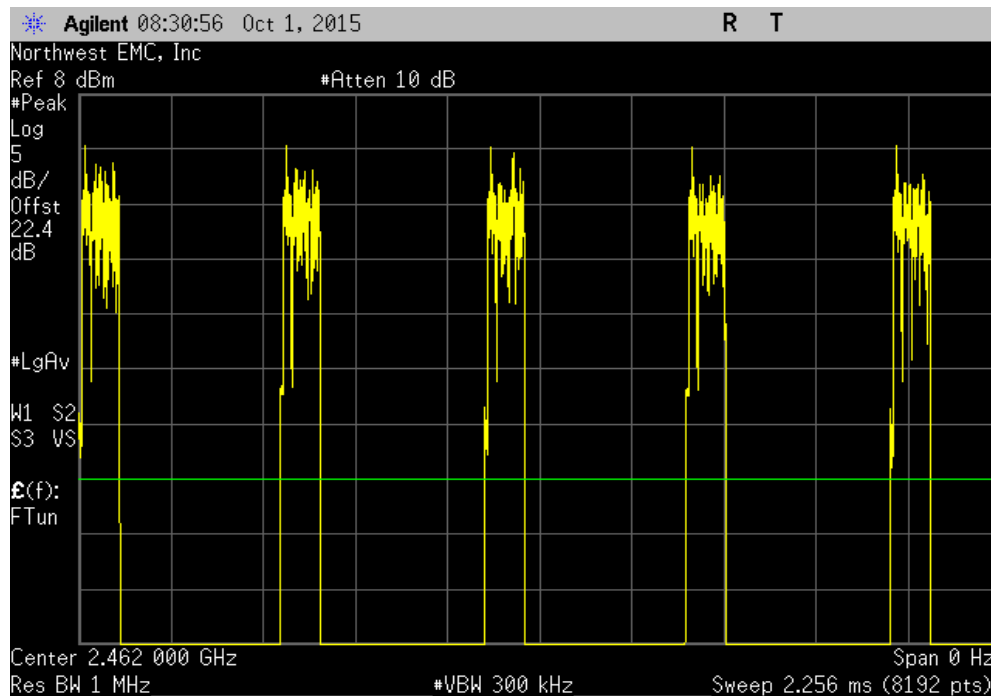


DUTY CYCLE

Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, High Channel 11, 2462 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
91.5 us	501.3 us	1	18.3	N/A	N/A	

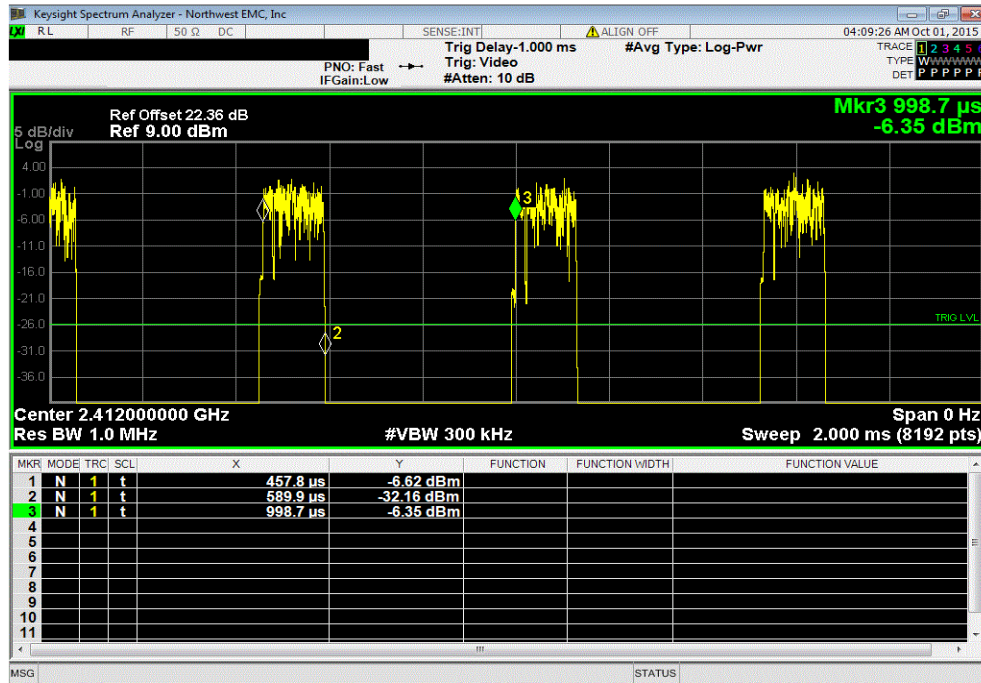


Ant 1 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, High Channel 11, 2462 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

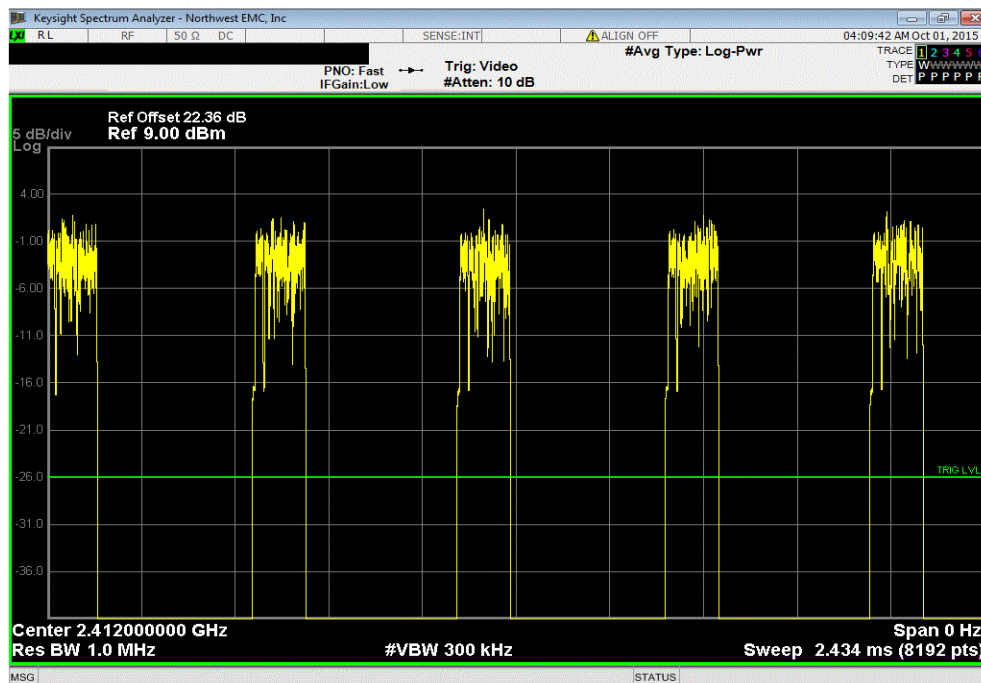


DUTY CYCLE

Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, Low Channel 1, 2412 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
132.1 μ s	540.9 μ s	1	24.4	N/A	N/A	

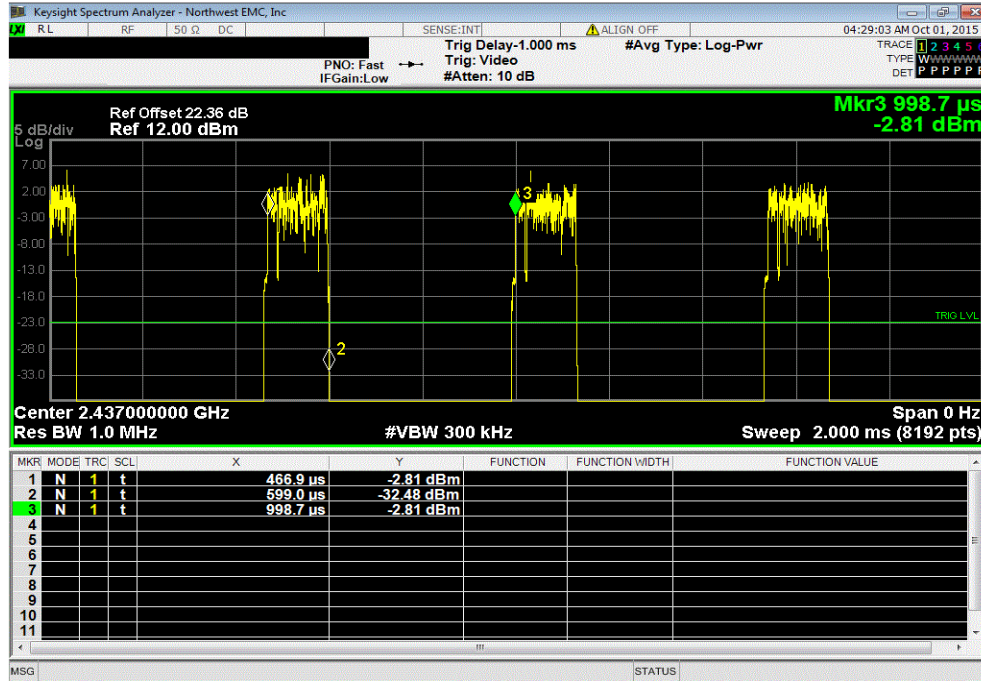


Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, Low Channel 1, 2412 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

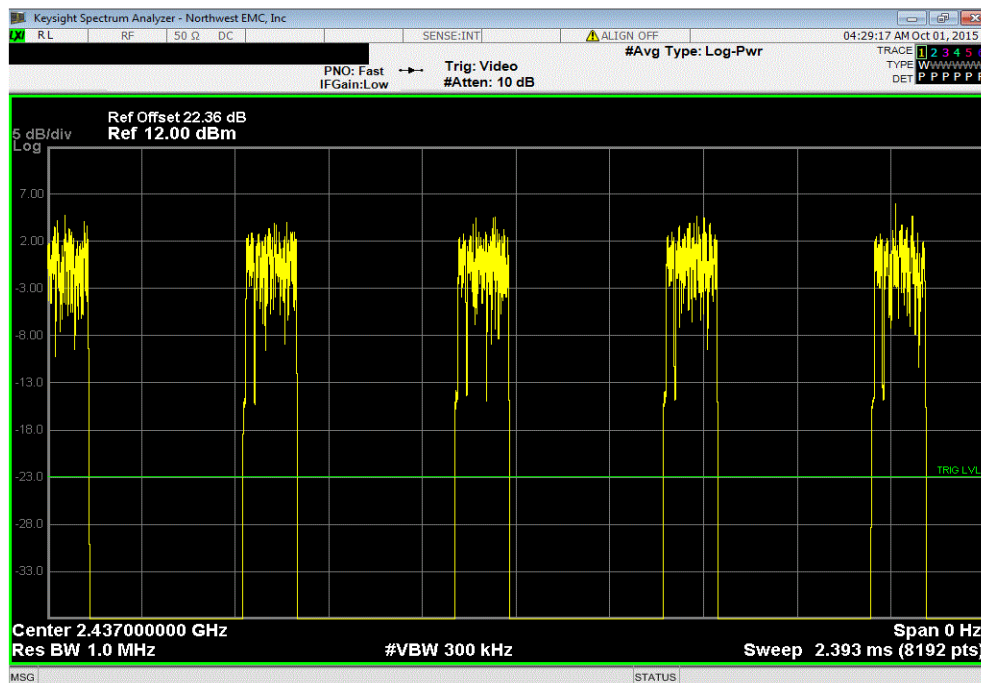


DUTY CYCLE

Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, Mid Channel 6, 2437 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
132.1 μ s	531.8 μ s	1	24.8	N/A	N/A	

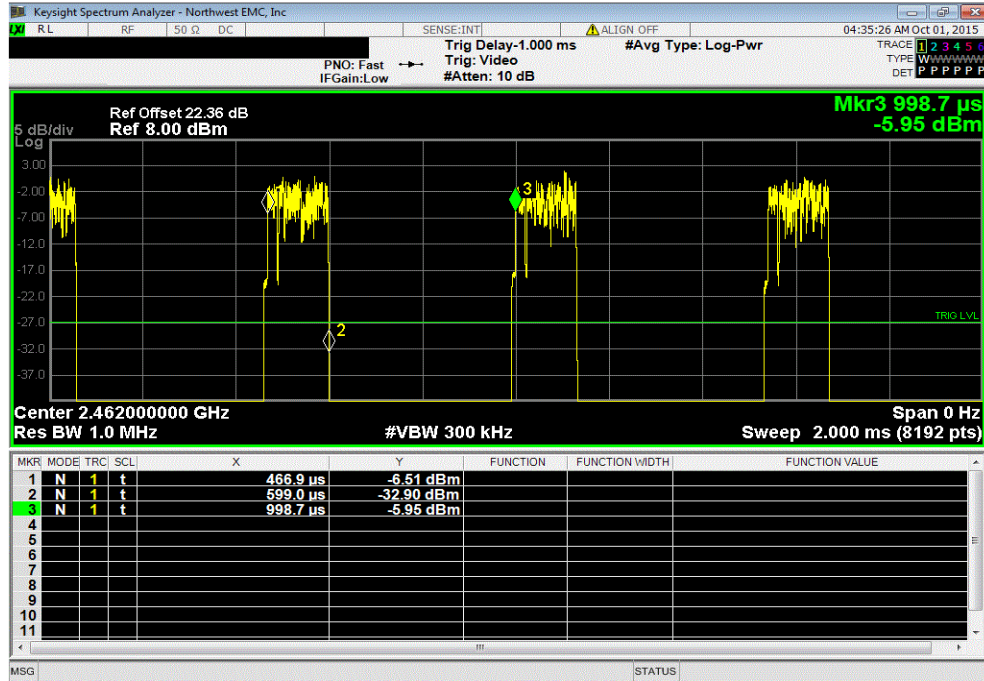


Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, Mid Channel 6, 2437 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

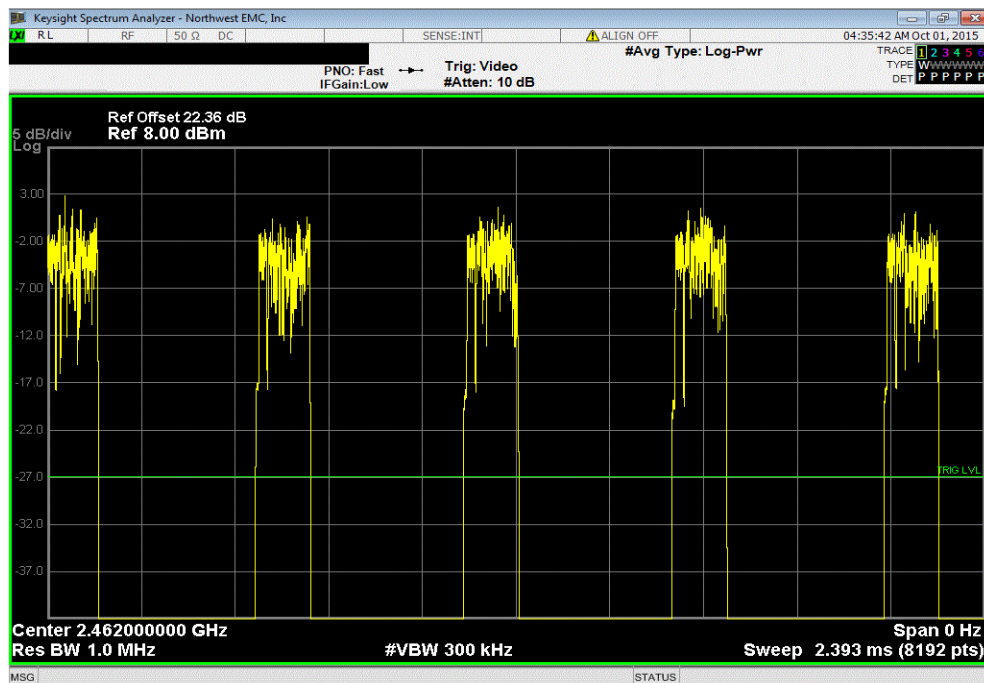


DUTY CYCLE

Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, High Channel 11, 2462 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
132.1 μ s	531.8 μ s	1	24.8	N/A	N/A	

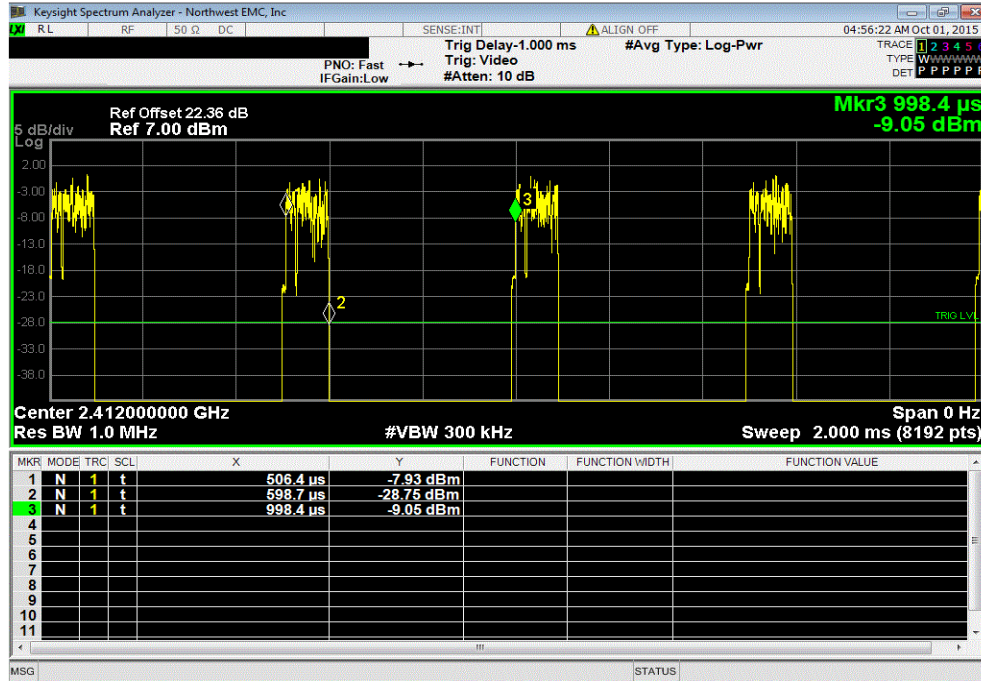


Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS12, High Channel 11, 2462 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

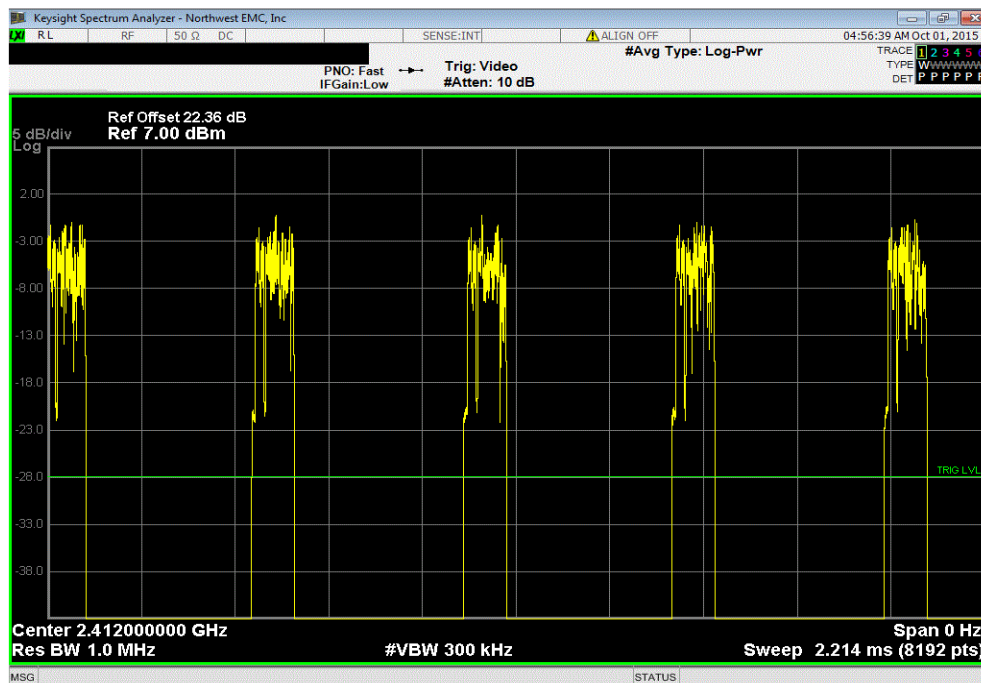


DUTY CYCLE

Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, Low Channel 1, 2412 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
92.3 us	492 us	1	18.8	N/A	N/A	

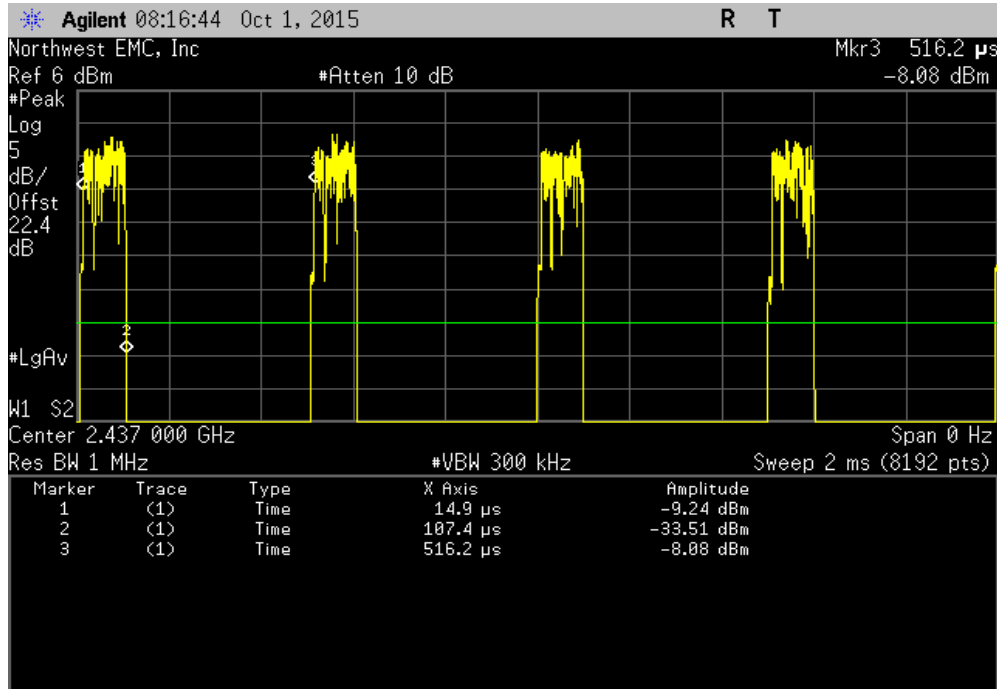


Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, Low Channel 1, 2412 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

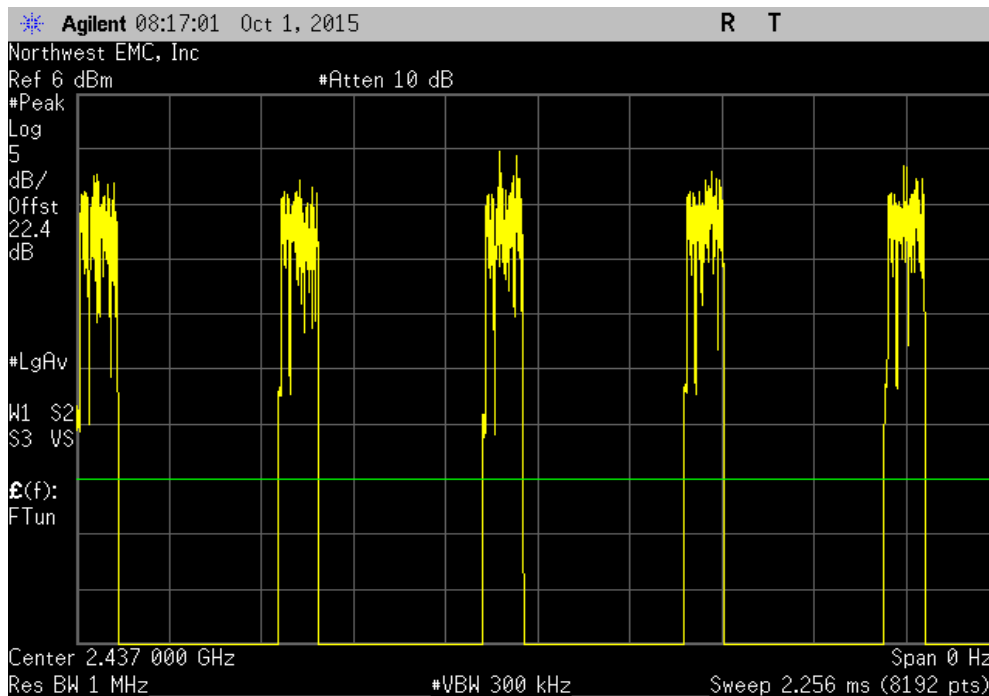


DUTY CYCLE

Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, Mid Channel 6, 2437 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
92.5 us	501.3 us	1	18.5	N/A	N/A	

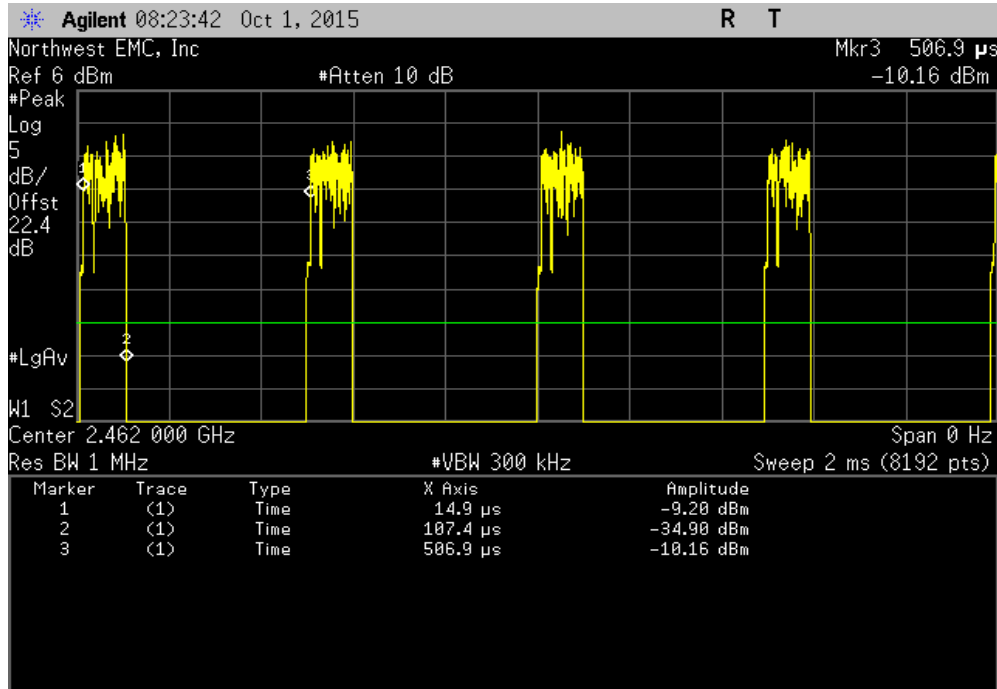


Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, Mid Channel 6, 2437 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	



DUTY CYCLE

Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, High Channel 11, 2462 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
92.5 us	492 us	1	18.8	N/A	N/A	



Ant 2 (2x2 MIMO), 20 MHz, 2.4 GHz Band, 802.11(n) MCS15, High Channel 11, 2462 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit (%)	Results	
N/A	N/A	5	N/A	N/A	N/A	

