

DUTY CYCLE - 5.3 GHz BAND



XMit 2020.12.30.0

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.	Cal. Due
Generator - Signal	Agilent	N5181A	TIG	2020-04-16	2023-04-16
Cable	Micro-Coax	UFD150A-1-0720-200200	EVK	2021-03-14	2022-03-14
Attenuator	S.M. Electronics	SA26B-20	AUY	2021-03-14	2022-03-14
Block - DC	Fairview Microwave	SD3379	AMW	2021-03-14	2022-03-14
Analyzer - Spectrum Analyzer	Keysight	N9010A	AFO	2021-07-06	2022-07-06

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.

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.

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TelTx 2021.10.29.2 XMI 2020.12.30.0

EUT: A-dec Gateway		Work Order: A-DE0169					
Serial Number: 521A000118		Date: 3-Dec-21					
Customer: A-dec, Inc.		Temperature: 20.2 °C					
Attendees: None		Humidity: 39.6% RH					
Project: None		Barometric Pres.: 1027 mbar					
Tested by: Jeff Alcoke		Power: 24 VDC via 110VAC/60Hz					
		Job Site: EV06					
TEST SPECIFICATIONS							
FCC 15.407:2021		ANSI C63.10:2013					
TEST Method							
COMMENTS							
Reference level offset includes: DC block, 20 dB attenuator, and measurement cable.							
DEVIATIONS FROM TEST STANDARD							
None							
Configuration #	3	Signature					
		Pulse Width	Period	Number of Pulses	Value (%)	Limit N/A (N/A)	Results
20 MHz							
802.11(a) 6 Mbps							
	Ch 52, Low Channel 5260 MHz	2.065 ms	2.086 ms	1	99	N/A	N/A
	Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	2.065 ms	2.085 ms	1	99	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 64, High Channel 5320 MHz	2.064 ms	2.086 ms	1	99	N/A	N/A
	Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A
802.11(a) 36 Mbps							
	Ch 52, Low Channel 5260 MHz	365 us	385 us	1	94.8	N/A	N/A
	Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	365.1 us	385.3 us	1	94.8	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 64, High Channel 5320 MHz	365.2 us	385.4 us	1	94.8	N/A	N/A
	Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A
802.11(a) 54 Mbps							
	Ch 52, Low Channel 5260 MHz	248.895 us	269.2 us	1	92.5	N/A	N/A
	Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	248.956 us	269.239 us	1	92.5	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 64, High Channel 5320 MHz	249.017 us	269.239 us	1	92.5	N/A	N/A
	Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A
802.11(n) MCS0							
	Ch 52, Low Channel 5260 MHz	1.933 ms	1.953 ms	1	99	N/A	N/A
	Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	1.933 ms	1.953 ms	1	99	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 64, High Channel 5320 MHz	1.933 ms	1.953 ms	1	99	N/A	N/A
	Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A

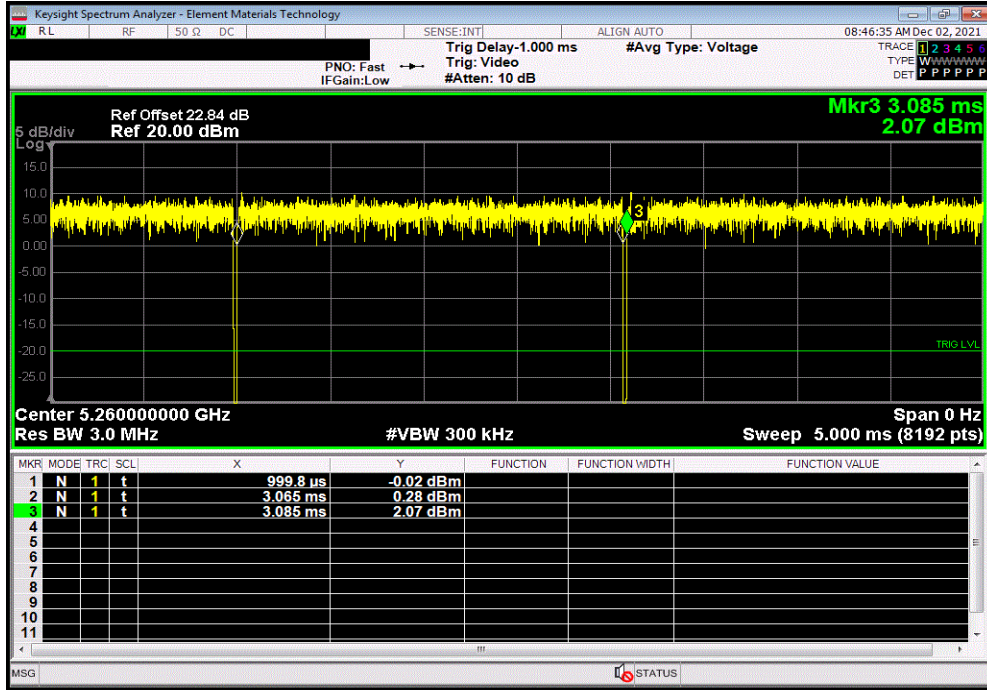
802.11(n) MCS7							
	Ch 52, Low Channel 5260 MHz	232.978 us	253.444 us	1	91.9	N/A	N/A
	Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	232.978 us	253.139 us	1	92	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 64, High Channel 5320 MHz	232.917 us	253.261 us	1	92	N/A	N/A
	Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A
802.11(ac) MCS8 (256-QAM)							
	Ch 52, Low Channel 5260 MHz	200.778 us	221.1 us	1	90.8	N/A	N/A
	Ch 52, Low Channel 5260 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	200.712 us	221.2 us	1	90.7	N/A	N/A
	Ch 60, Mid Channel 5300 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 64, High Channel 5320 MHz	200.956 us	221.2 us	1	90.8	N/A	N/A
	Ch 64, High Channel 5320 MHz	N/A	N/A	5	N/A	N/A	N/A
40 MHz							
802.11(n) MCS0							
	Ch 52/56, Low Channel 5270 MHz	954.697 us	973.267 us	1	98.1	N/A	N/A
	Ch 52/56, Low Channel 5270 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60/64, High Channel 5310 MHz	954.893 us	973.663 us	1	98.1	N/A	N/A
	Ch 60/64, High Channel 5310 MHz	N/A	N/A	5	N/A	N/A	N/A
802.11(n) MCS7							
	Ch 52/56, Low Channel 5270 MHz	134.353 us	152.953 us	1	87.8	N/A	N/A
	Ch 52/56, Low Channel 5270 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60/64, High Channel 5310 MHz	134.297 us	153.353 us	1	87.6	N/A	N/A
	Ch 60/64, High Channel 5310 MHz	N/A	N/A	5	N/A	N/A	N/A
802.11(ac) MCS9 (256-QAM)							
	Ch 52/56, Low Channel 5270 MHz	114.453 us	133.31 us	1	85.9	N/A	N/A
	Ch 52/56, Low Channel 5270 MHz	N/A	N/A	5	N/A	N/A	N/A
	Ch 60/64 High Channel 5310 MHz	114.234 us	133.01 us	1	85.9	N/A	N/A
	Ch 60/64 High Channel 5310 MHz	N/A	N/A	5	N/A	N/A	N/A
80 MHz							
802.11(ac) MCS0							
	Ch 52-64, Low Channel 5290 MHz	462.668 us	480.84 us	1	96.2	N/A	N/A
	Ch 52-64, Low Channel 5290 MHz	N/A	N/A	5	N/A	N/A	N/A
802.11(ac) MCS9 (256-QAM)							
	Ch 52-64, Low Channel 5290 MHz	74.558 us	93.127 us	1	80.1	N/A	N/A
	Ch 52-64, Low Channel 5290 MHz	N/A	N/A	5	N/A	N/A	N/A

DUTY CYCLE - 5.3 GHZ BAND

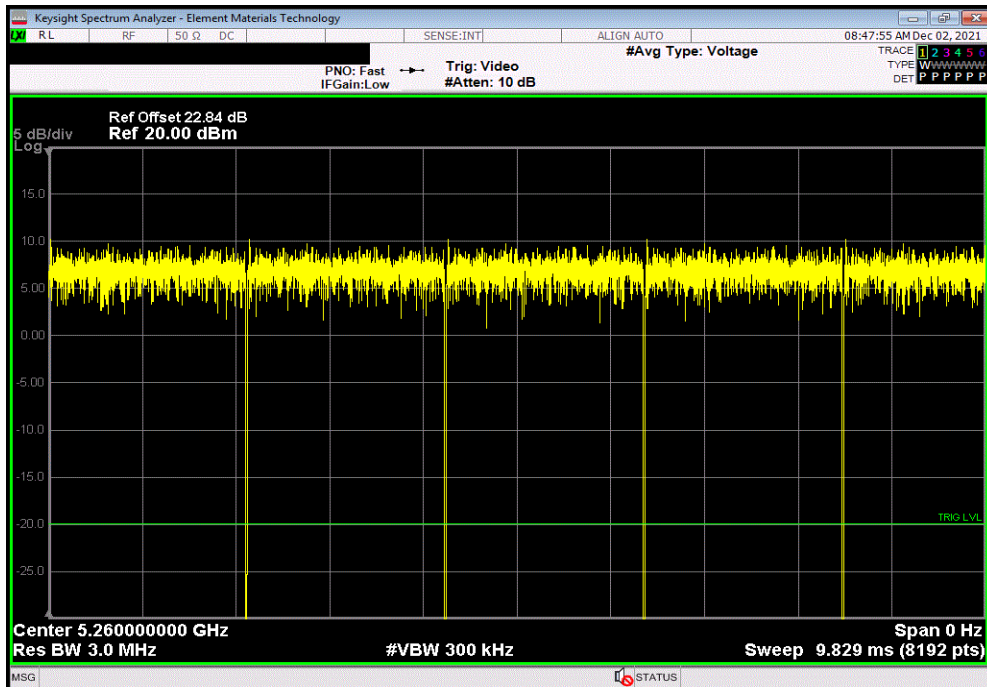


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(a) 6 Mbps, Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
2.065 ms	2.086 ms	1	99	N/A (N/A)	N/A	



20 MHz, 802.11(a) 6 Mbps, Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

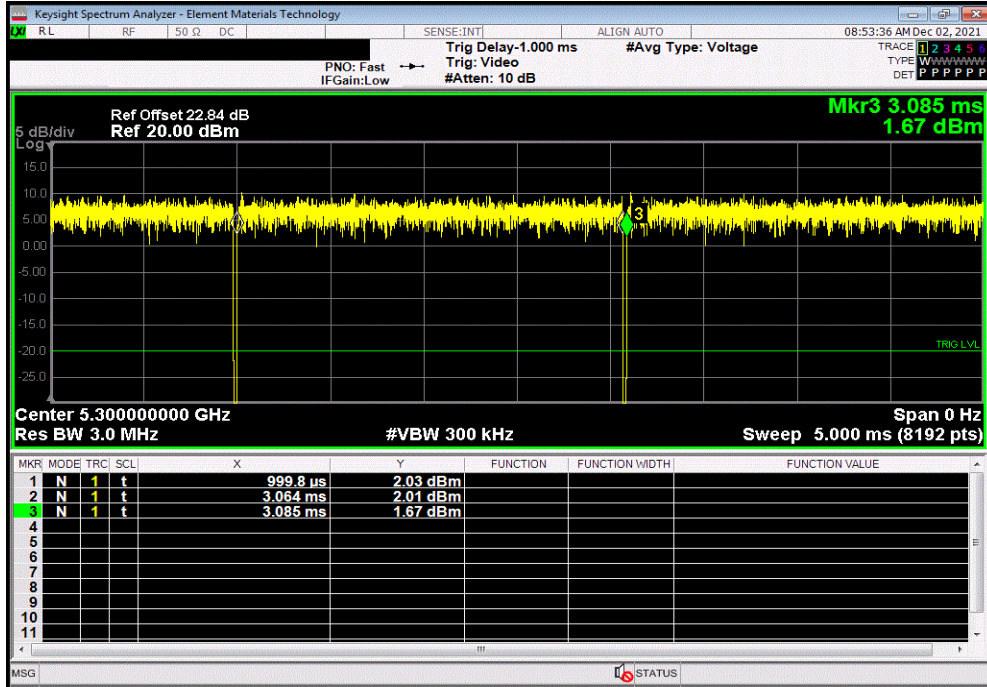


DUTY CYCLE - 5.3 GHz BAND

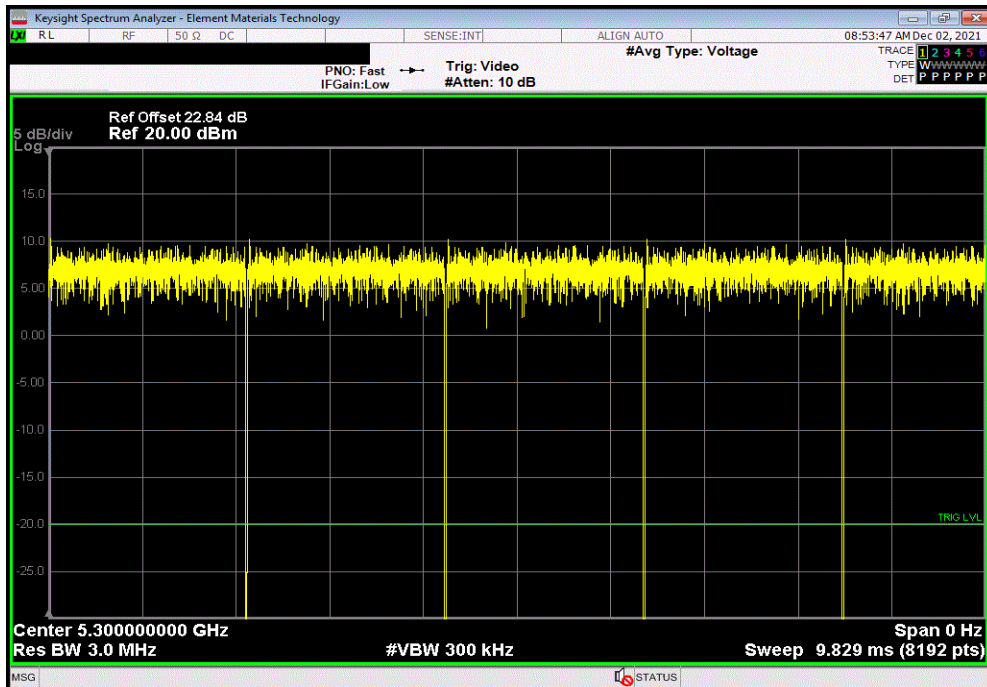


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(a) 6 Mbps, Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
2.065 ms	2.085 ms	1	99	N/A (N/A)	N/A	



20 MHz, 802.11(a) 6 Mbps, Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

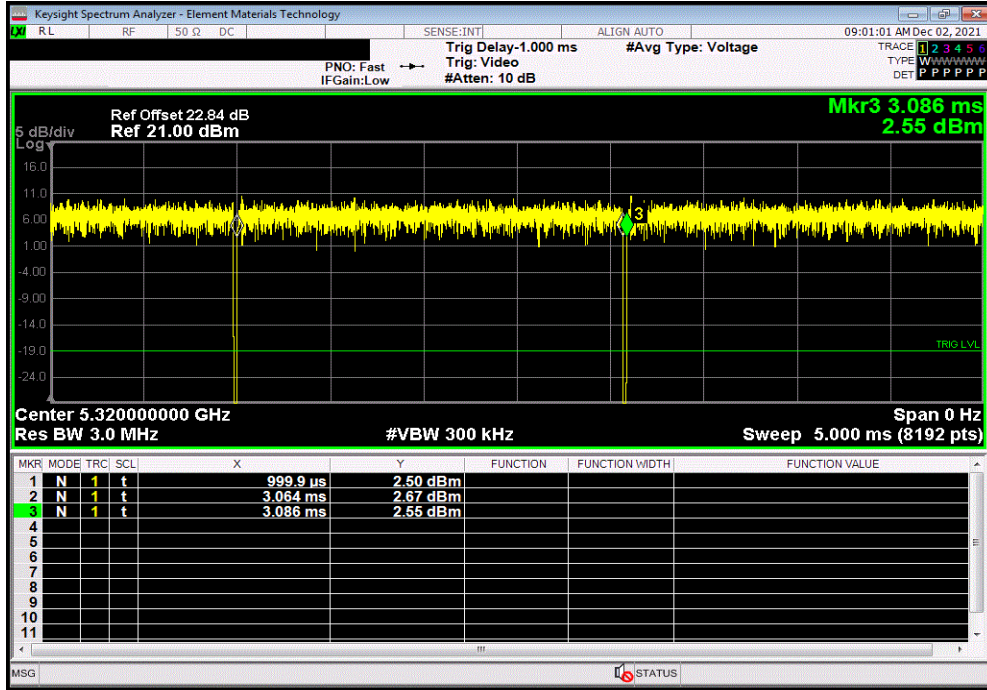


DUTY CYCLE - 5.3 GHz BAND

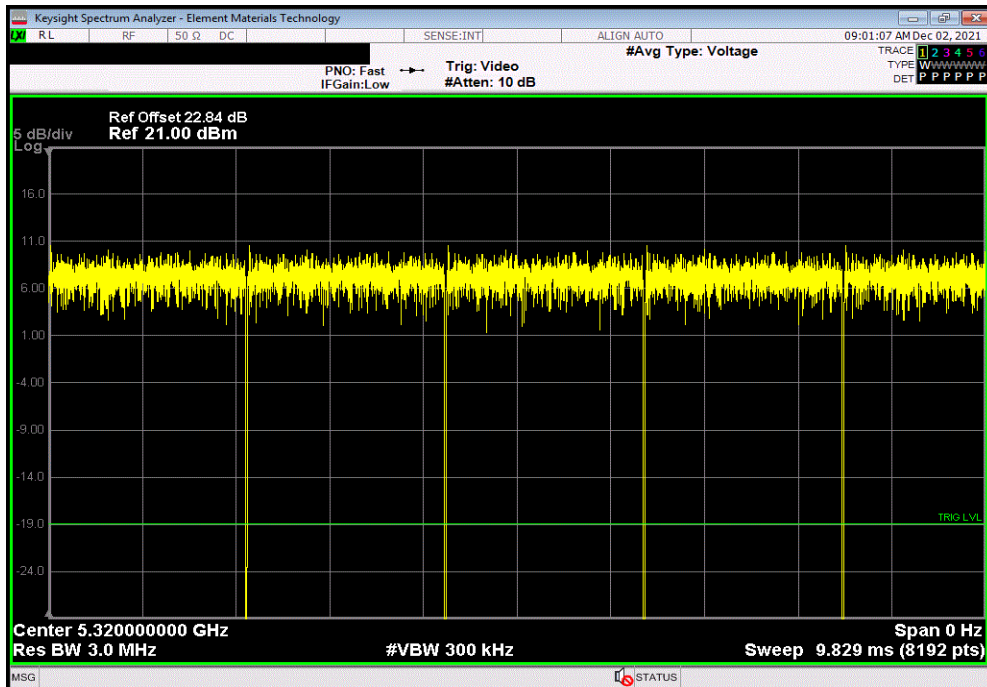


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(a) 6 Mbps, Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
2.064 ms	2.086 ms	1	99	N/A (N/A)	N/A	



20 MHz, 802.11(a) 6 Mbps, Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

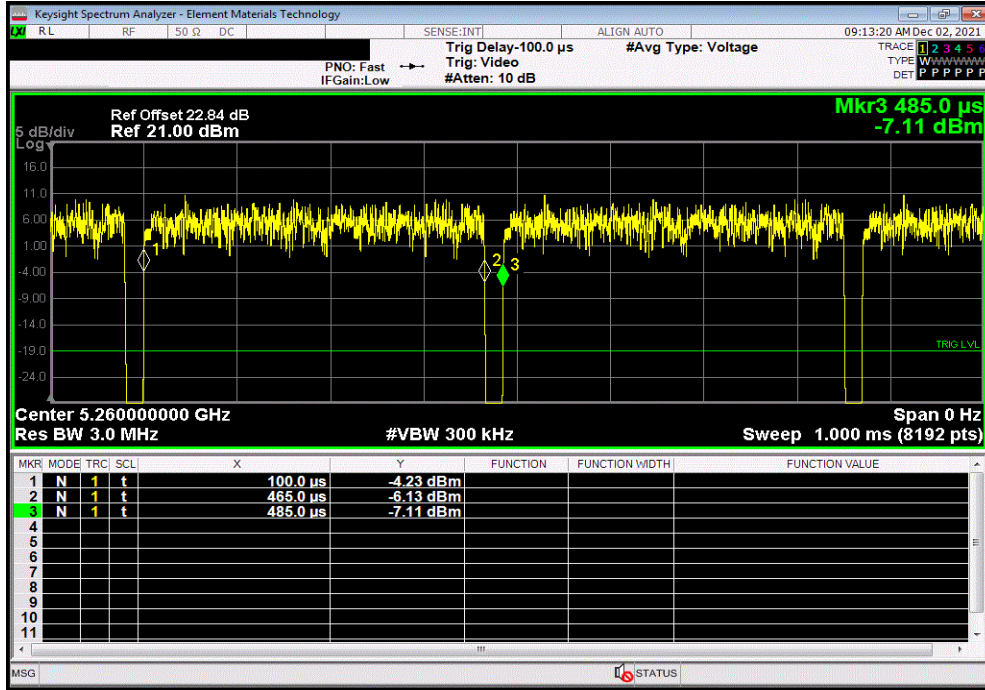


DUTY CYCLE - 5.3 GHz BAND

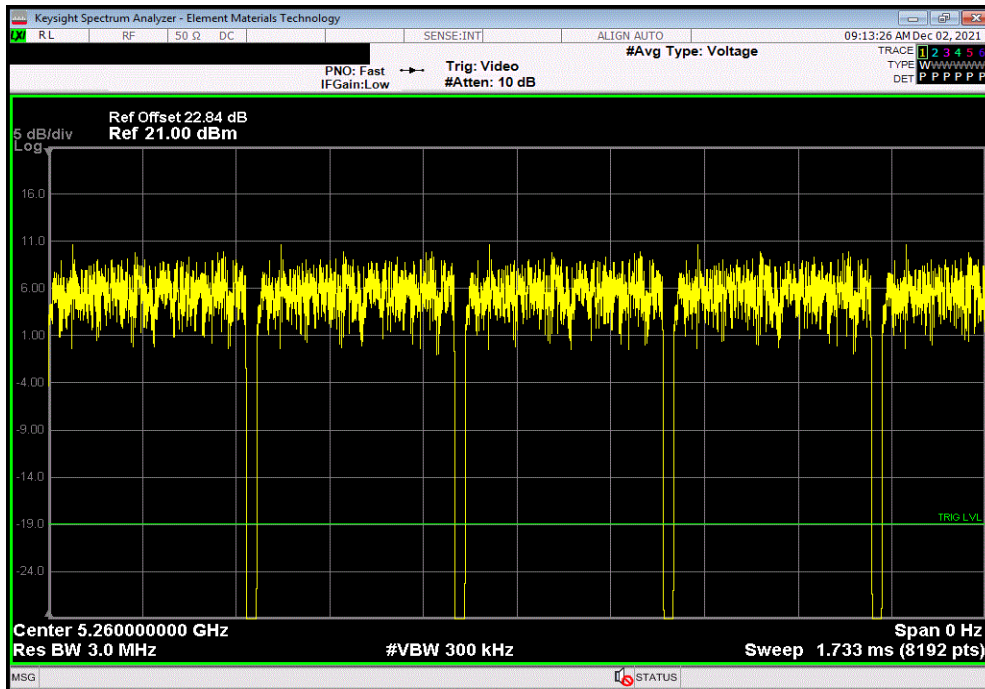


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(a) 36 Mbps, Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
365 us	385 us	1	94.8	N/A (N/A)	N/A	



20 MHz, 802.11(a) 36 Mbps, Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

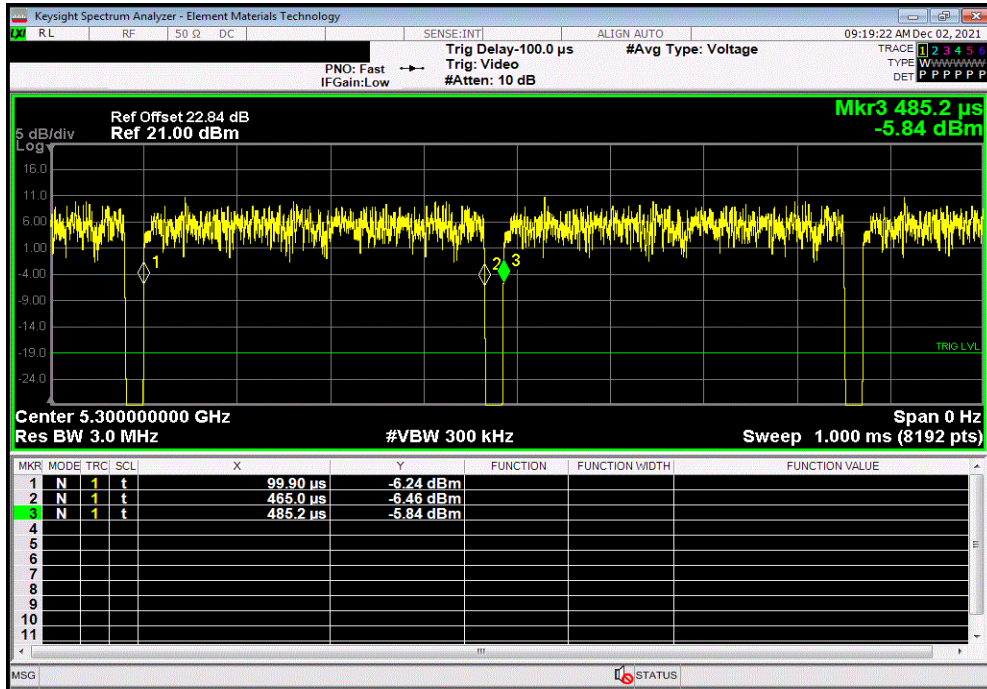


DUTY CYCLE - 5.3 GHz BAND

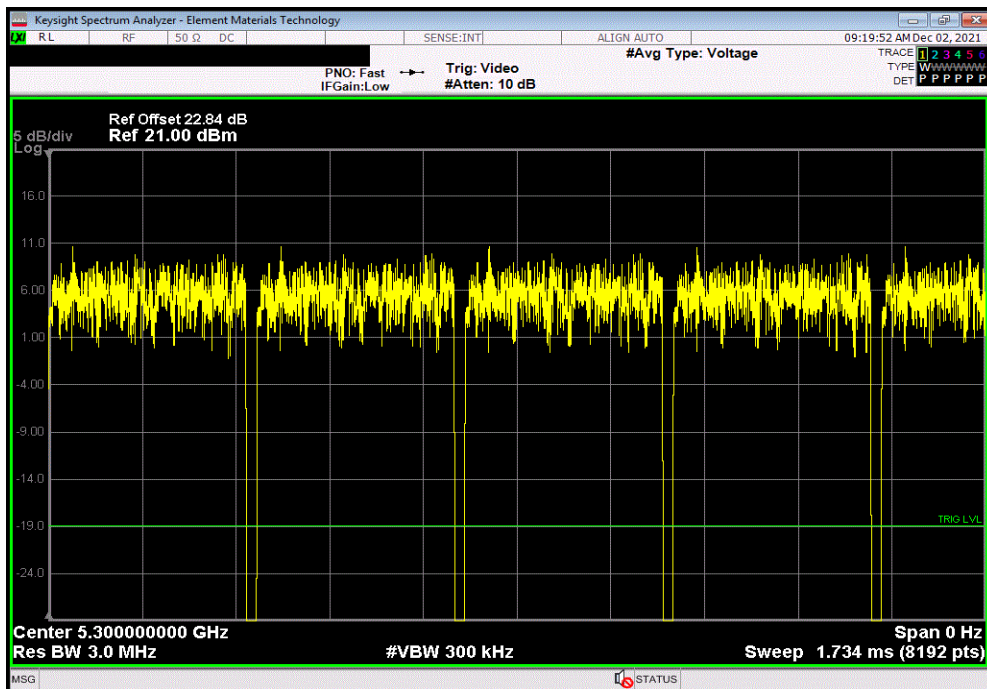


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(a) 36 Mbps, Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
365.1 us	385.3 us	1	94.8	N/A (N/A)	N/A	



20 MHz, 802.11(a) 36 Mbps, Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

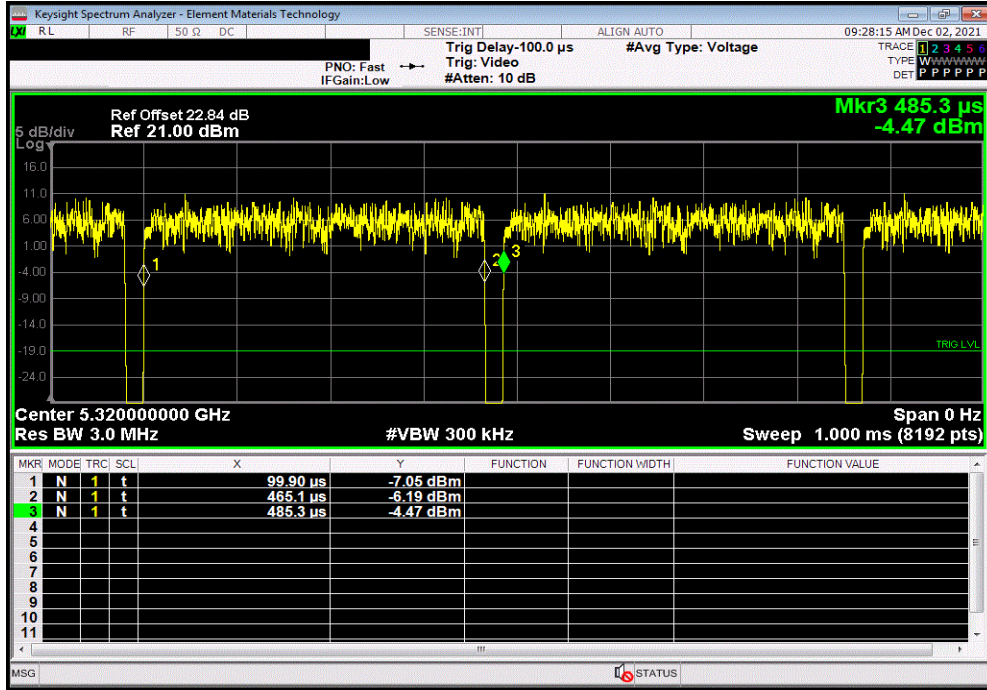


DUTY CYCLE - 5.3 GHZ BAND

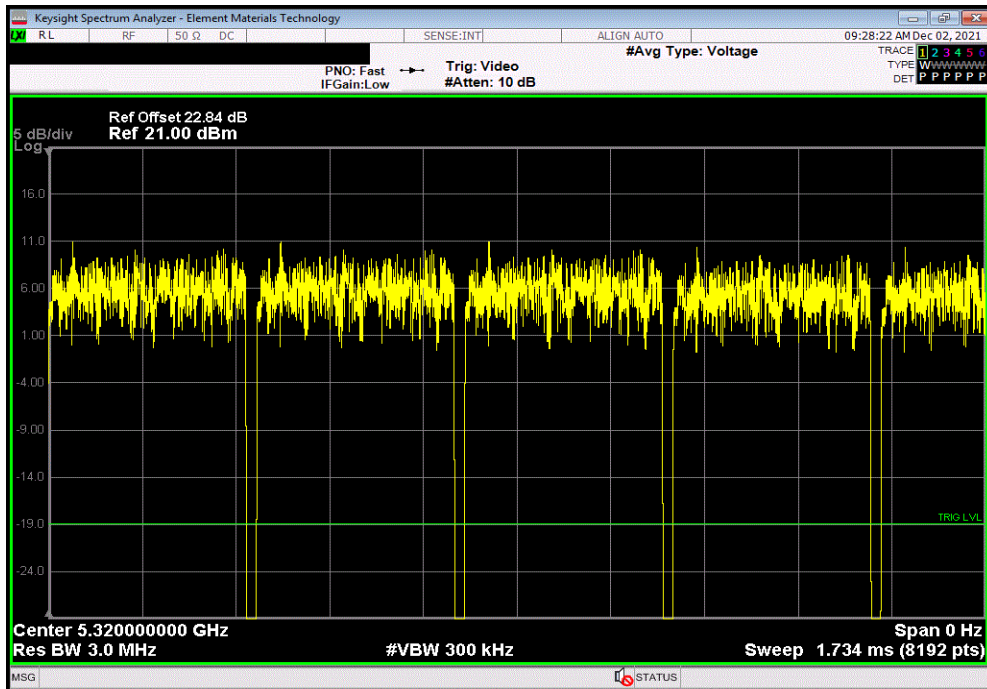


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(a) 36 Mbps, Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
365.2 us	385.4 us	1	94.8	N/A (N/A)	N/A	



20 MHz, 802.11(a) 36 Mbps, Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

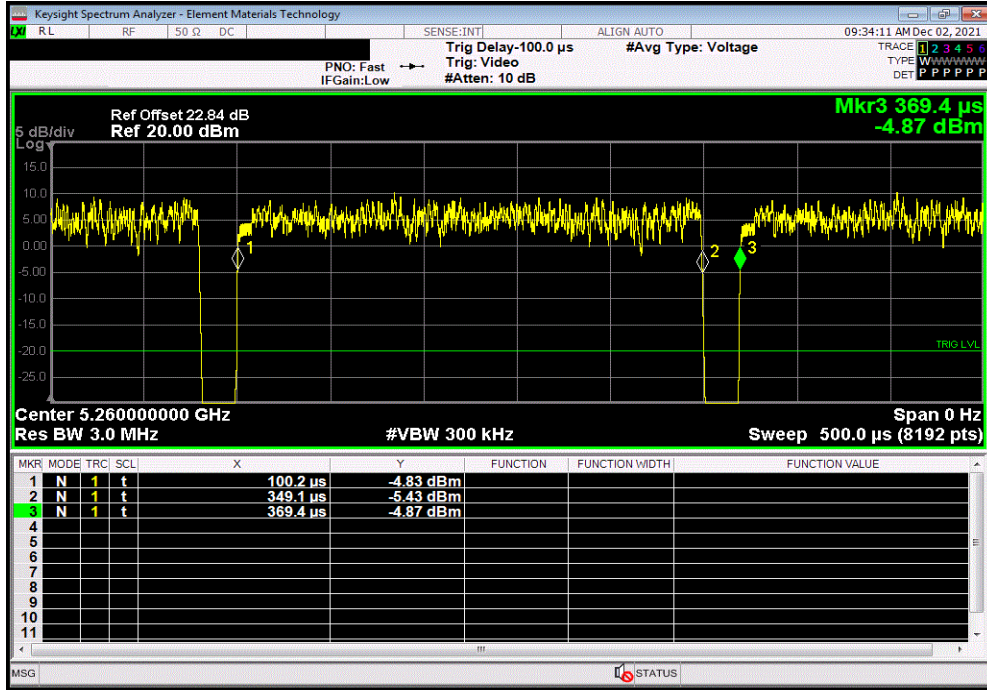


DUTY CYCLE - 5.3 GHz BAND

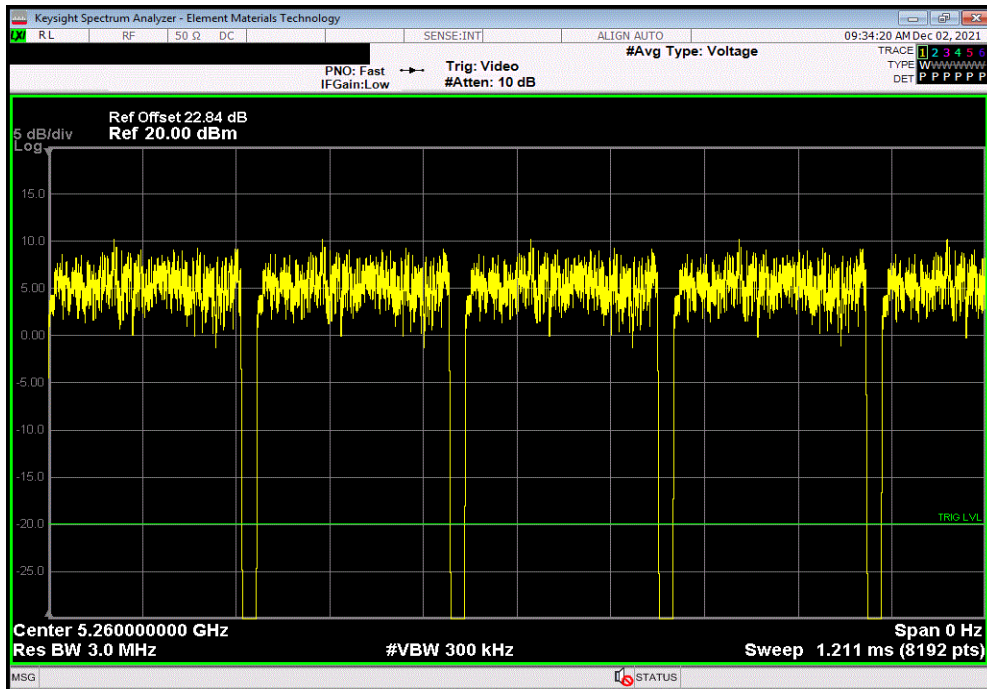


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(a) 54 Mbps, Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
248.895 us	269.2 us	1	92.5	N/A (N/A)	N/A	



20 MHz, 802.11(a) 54 Mbps, Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

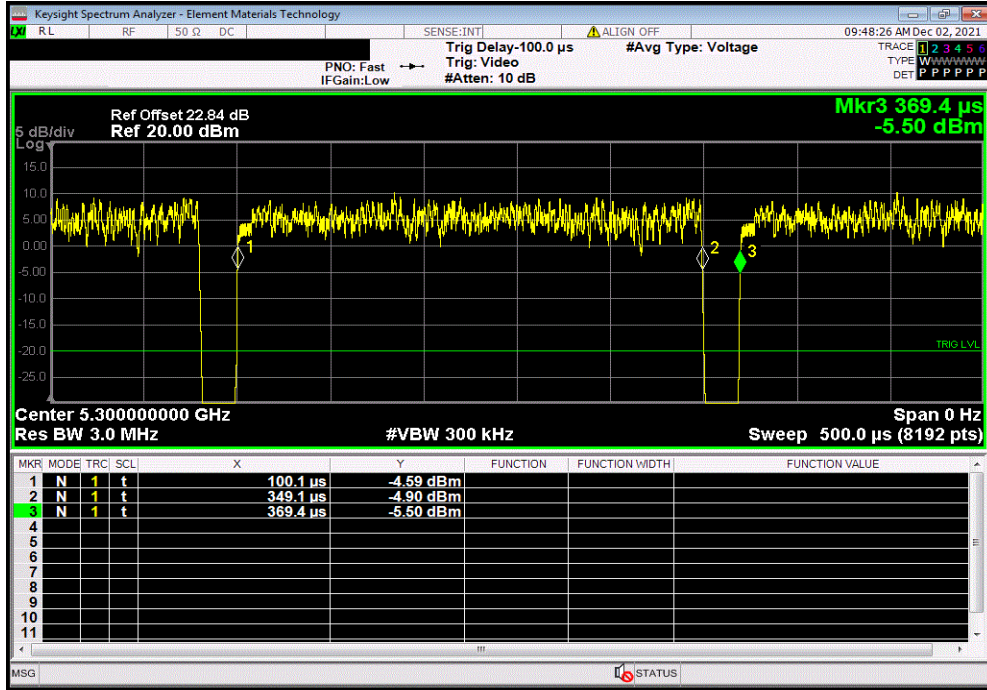


DUTY CYCLE - 5.3 GHz BAND

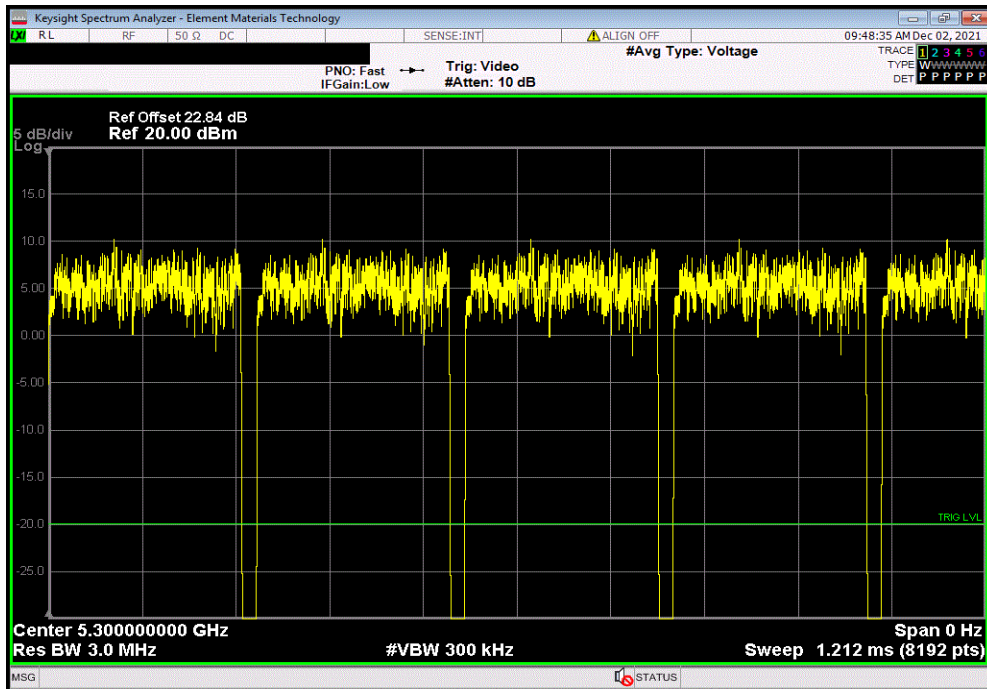


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20 MHz, 802.11(a) 54 Mbps, Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
248.956 us	269.239 us	1	92.5	N/A (N/A)	N/A	



20 MHz, 802.11(a) 54 Mbps, Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

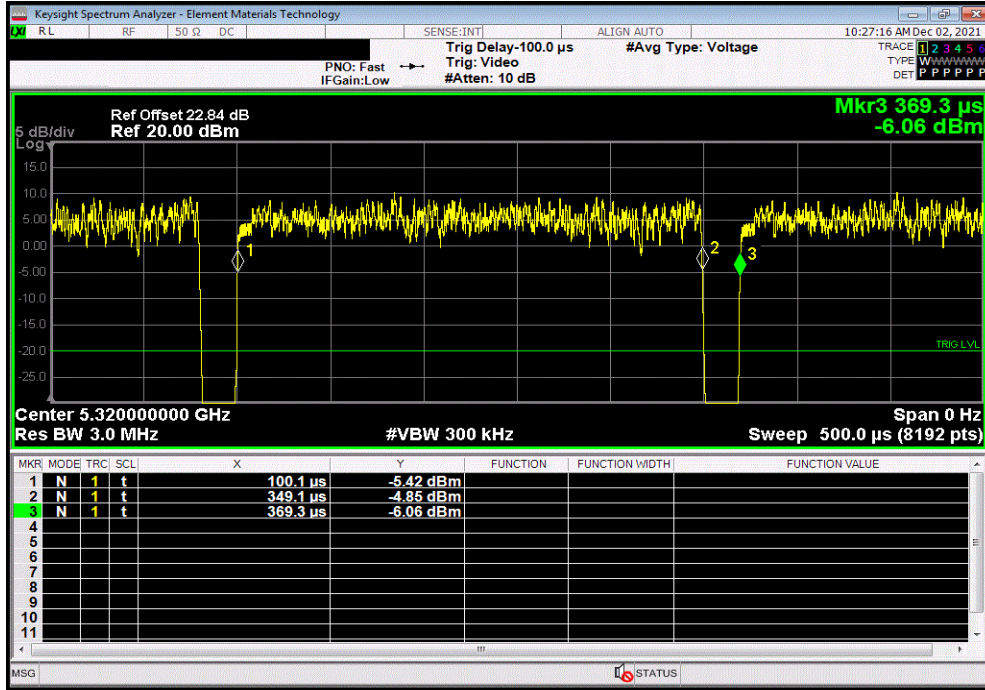


DUTY CYCLE - 5.3 GHz BAND

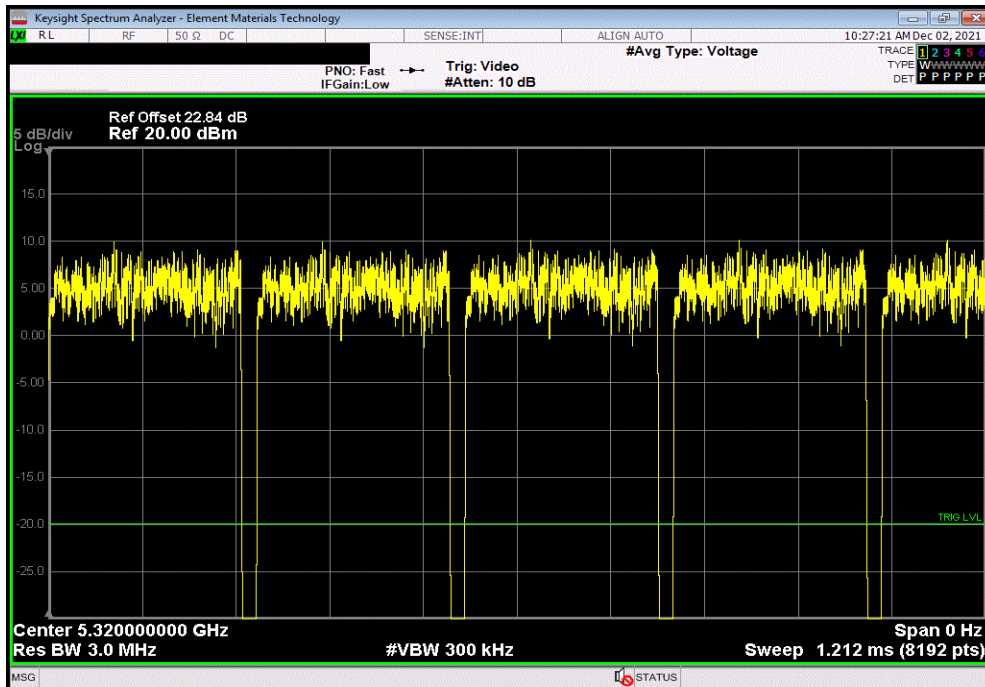


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(a) 54 Mbps, Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
249.017 us	269.239 us	1	92.5	N/A (N/A)	N/A	



20 MHz, 802.11(a) 54 Mbps, Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

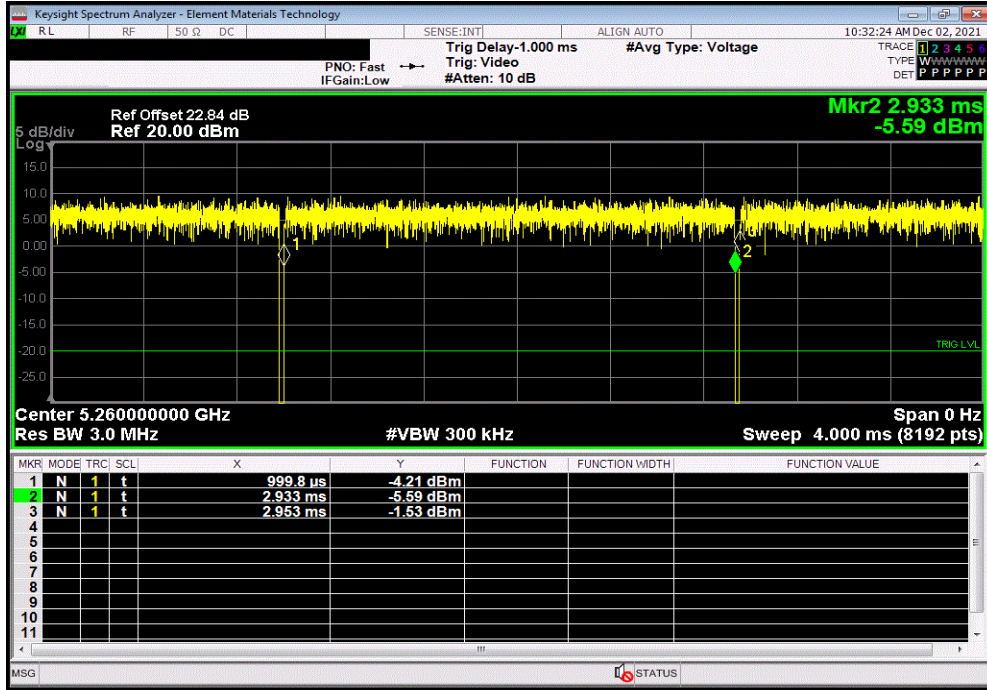


DUTY CYCLE - 5.3 GHz BAND

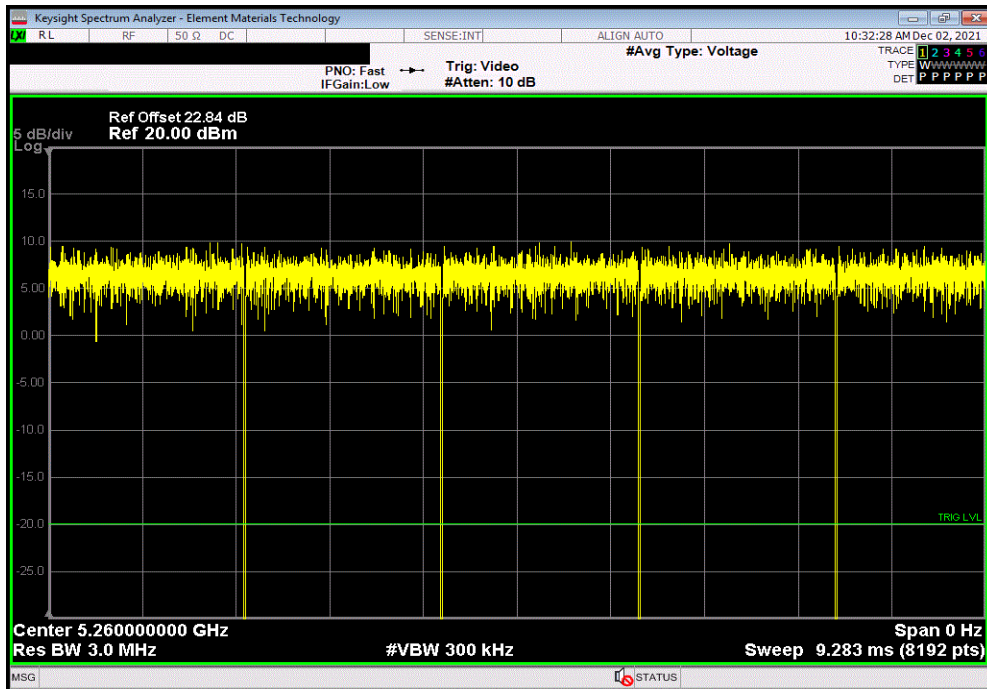


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(n) MCS0, Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
1.933 ms	1.953 ms	1	99	N/A (N/A)	N/A	



20 MHz, 802.11(n) MCS0, Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

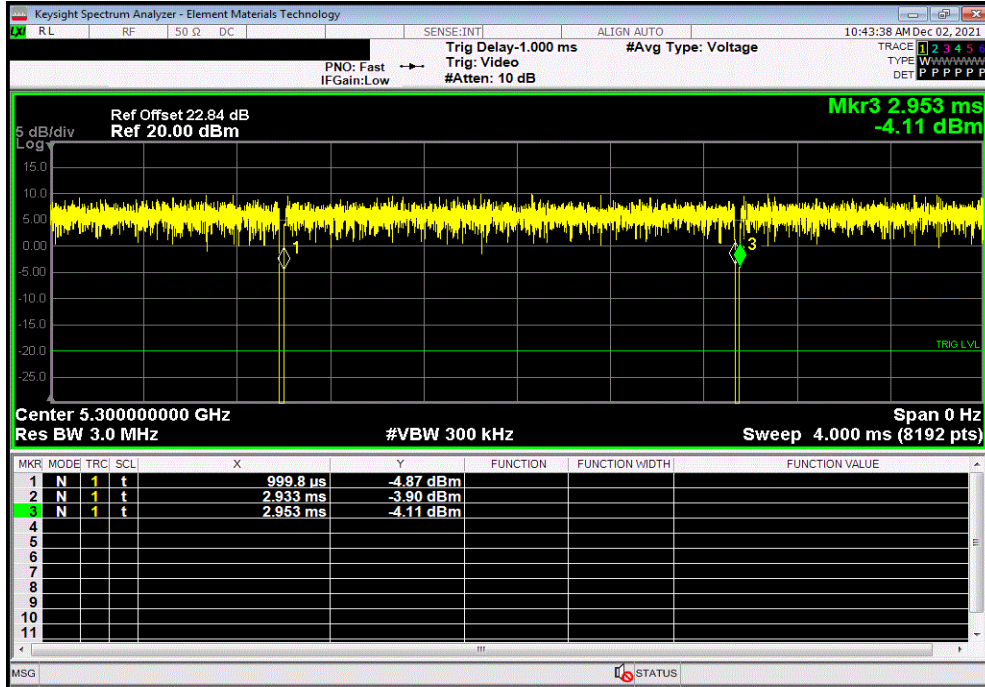


DUTY CYCLE - 5.3 GHZ BAND

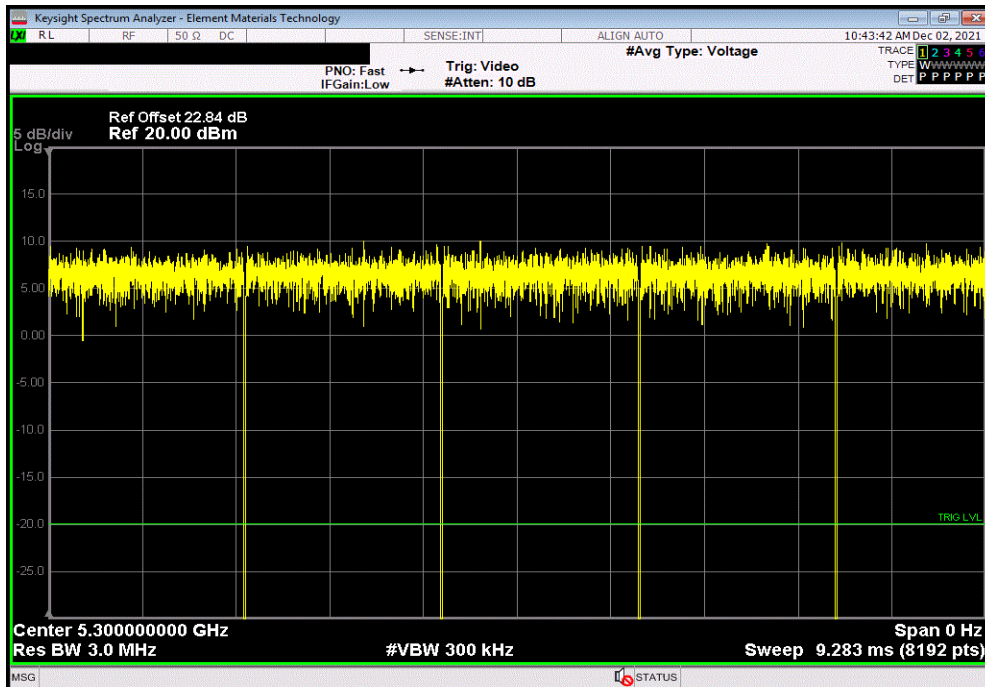


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(n) MCS0, Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
1.933 ms	1.953 ms	1	99	N/A (N/A)	N/A	



20 MHz, 802.11(n) MCS0, Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

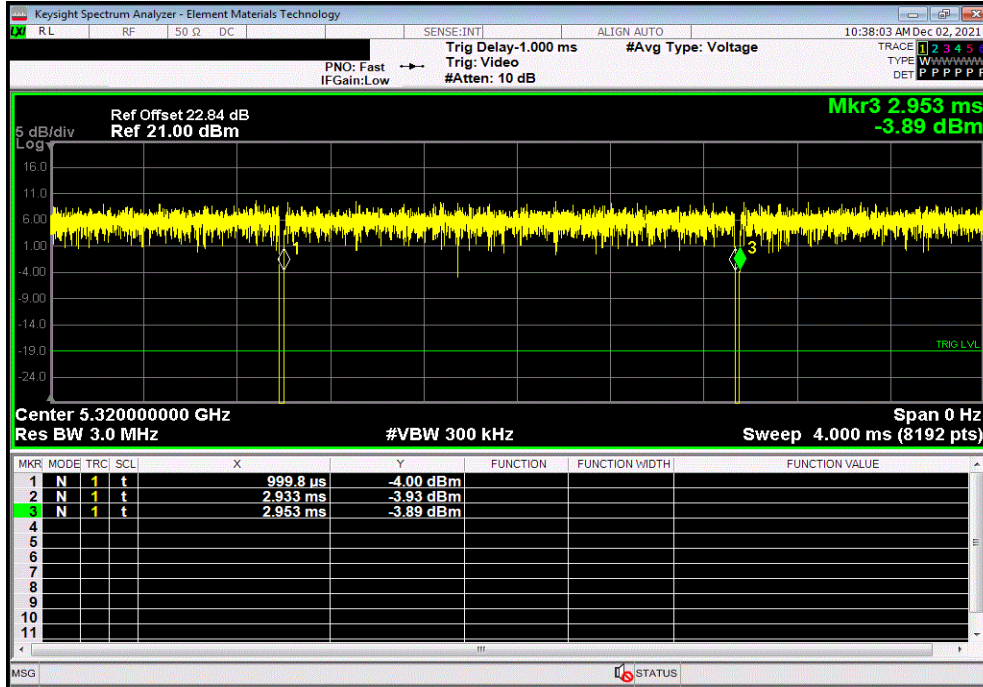


DUTY CYCLE - 5.3 GHz BAND

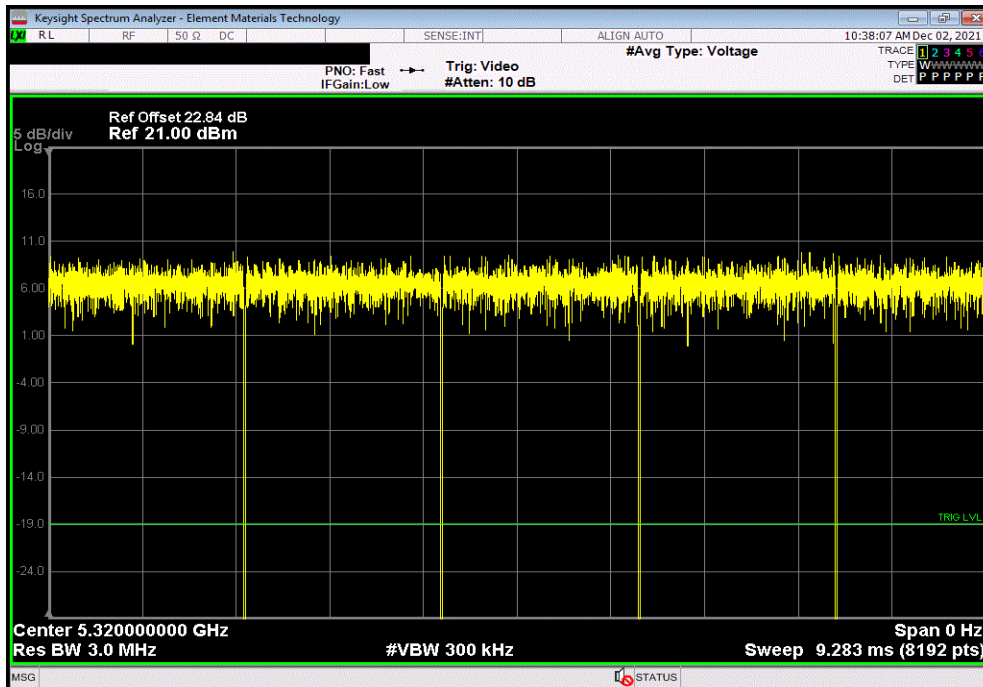


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(n) MCS0, Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
1.933 ms	1.953 ms	1	99	N/A (N/A)	N/A	



20 MHz, 802.11(n) MCS0, Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

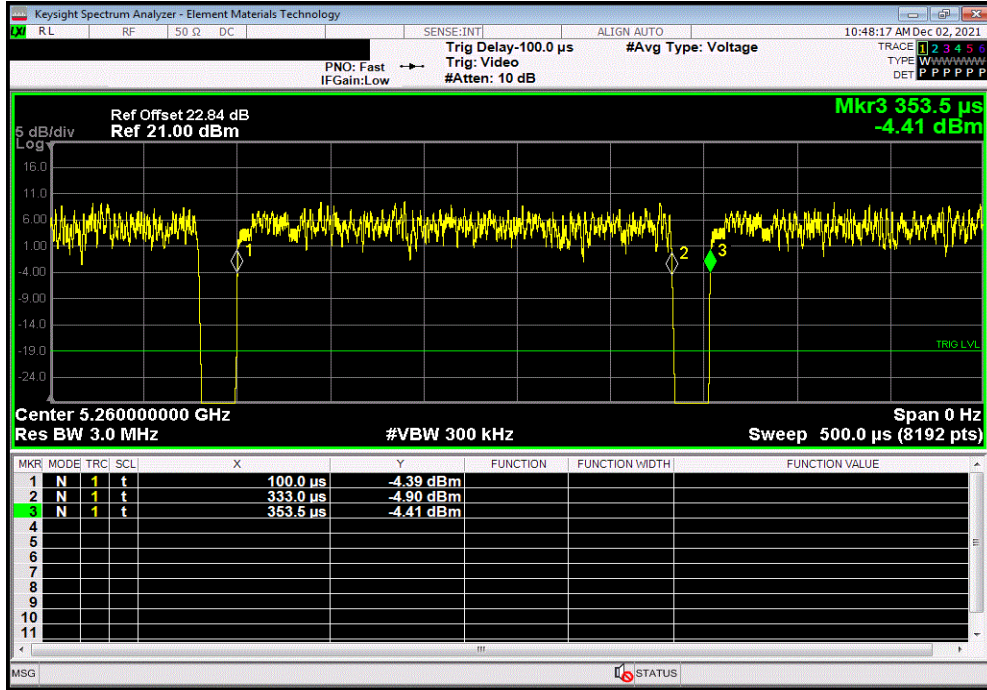


DUTY CYCLE - 5.3 GHz BAND

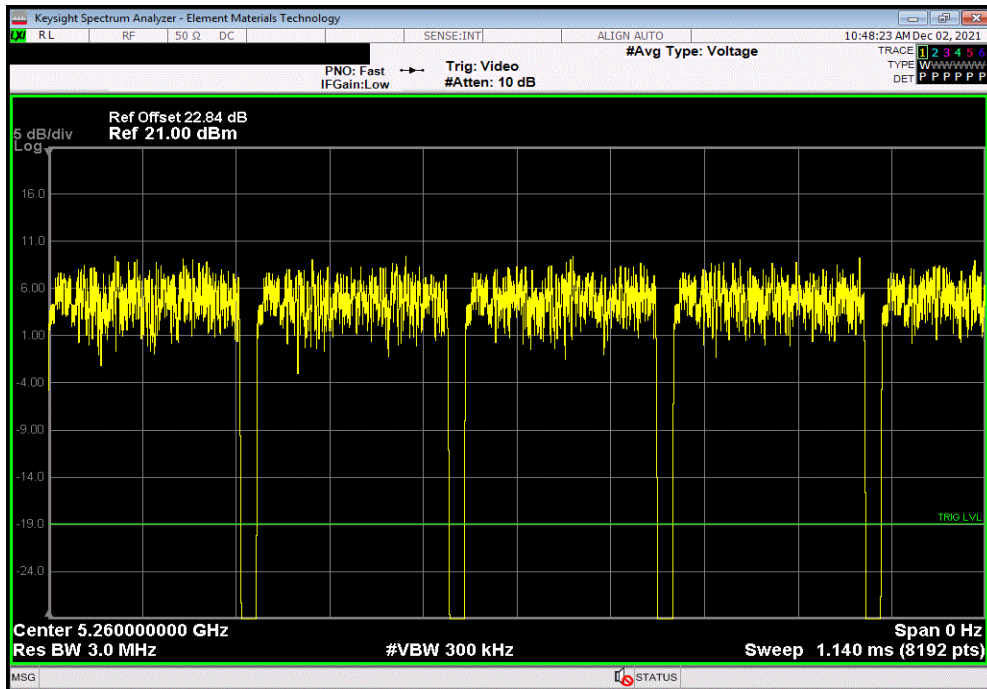


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(n) MCS7, Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
232.978 us	253.444 us	1	91.9	N/A (N/A)	N/A	



20 MHz, 802.11(n) MCS7, Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

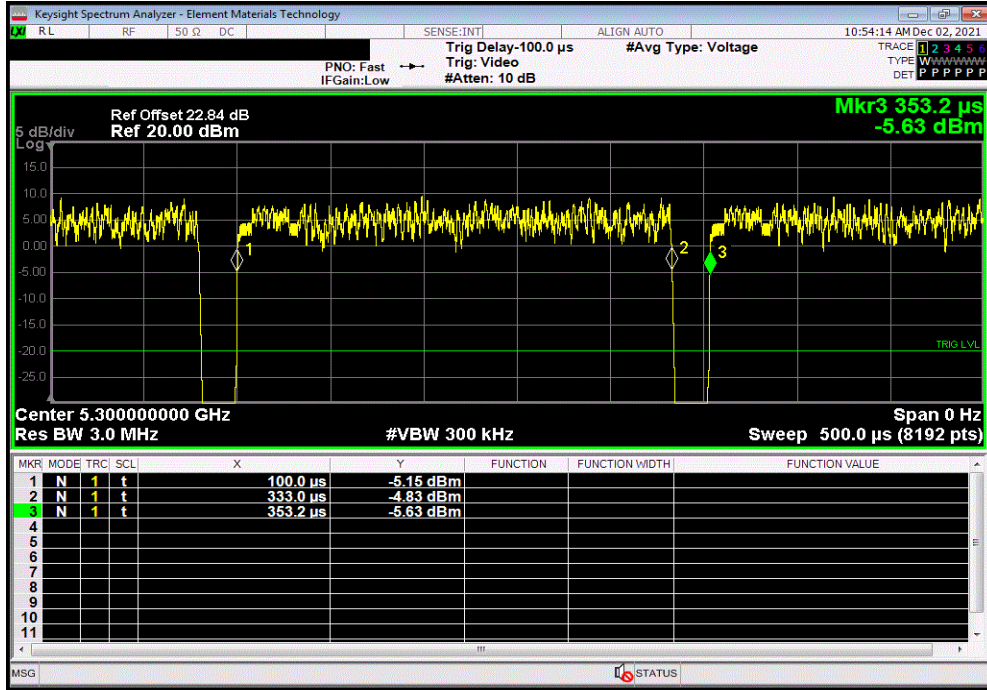


DUTY CYCLE - 5.3 GHz BAND

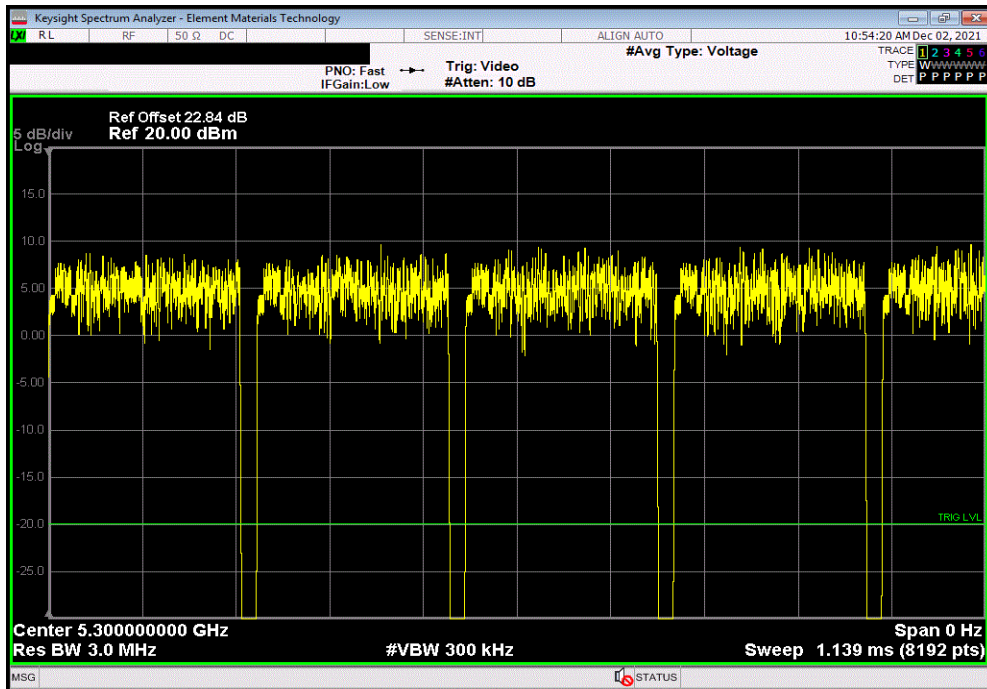


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(n) MCS7, Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
232.978 us	253.139 us	1	92	N/A (N/A)	N/A	



20 MHz, 802.11(n) MCS7, Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

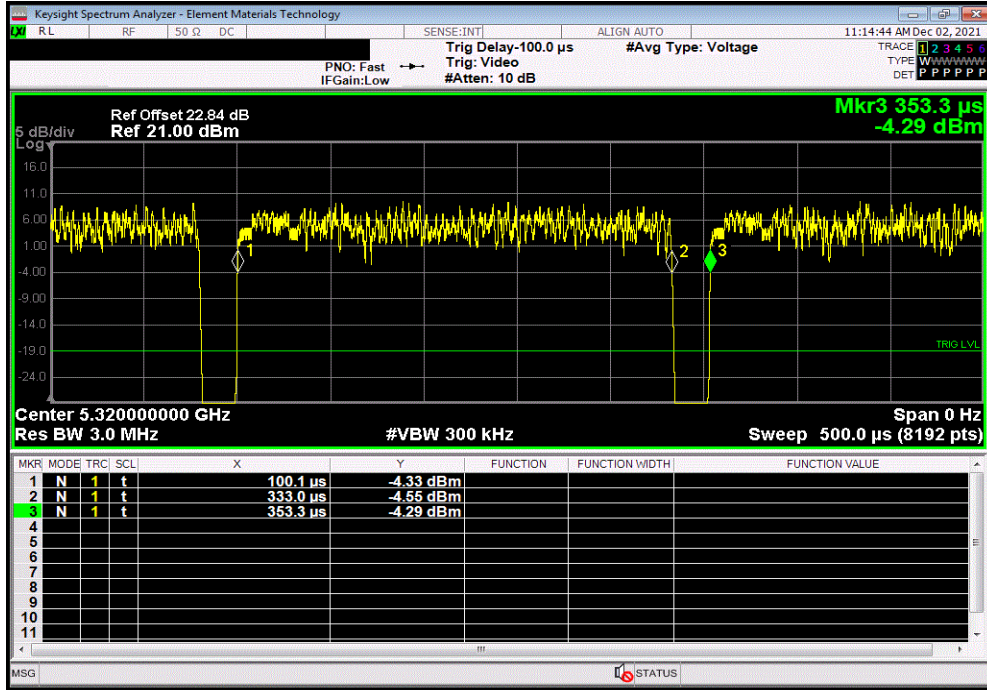


DUTY CYCLE - 5.3 GHZ BAND

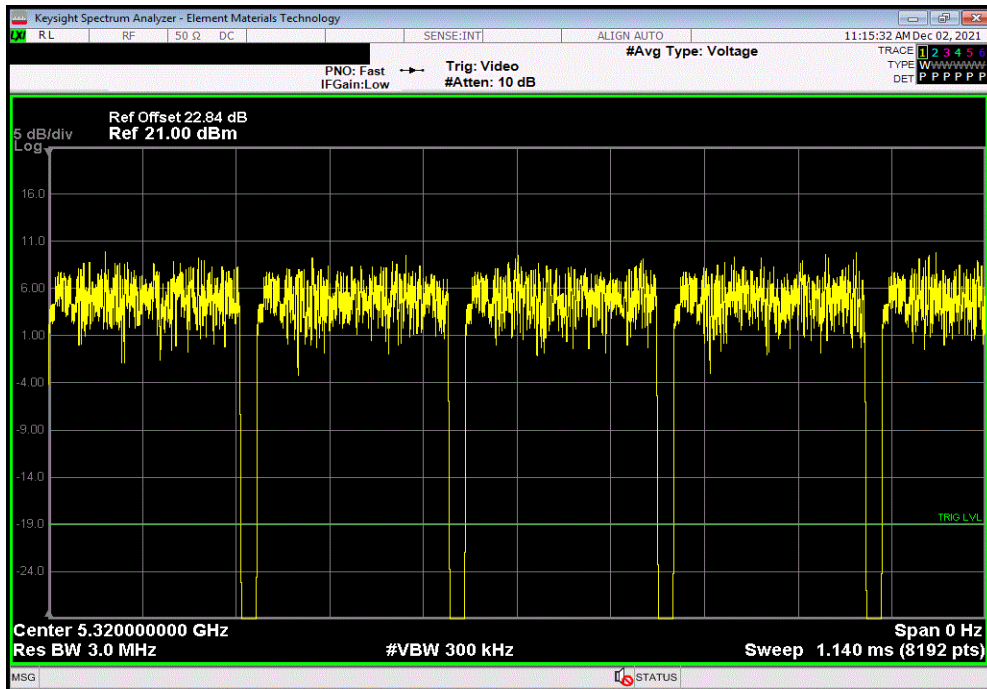


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(n) MCS7, Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
232.917 us	253.261 us	1	92	N/A (N/A)	N/A	



20 MHz, 802.11(n) MCS7, Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

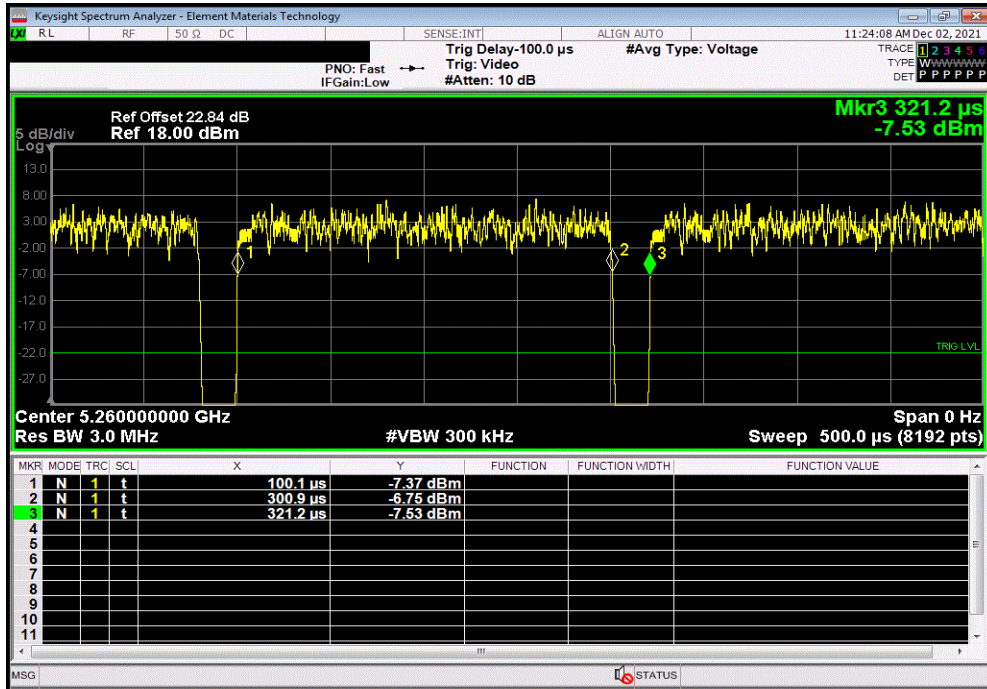


DUTY CYCLE - 5.3 GHZ BAND

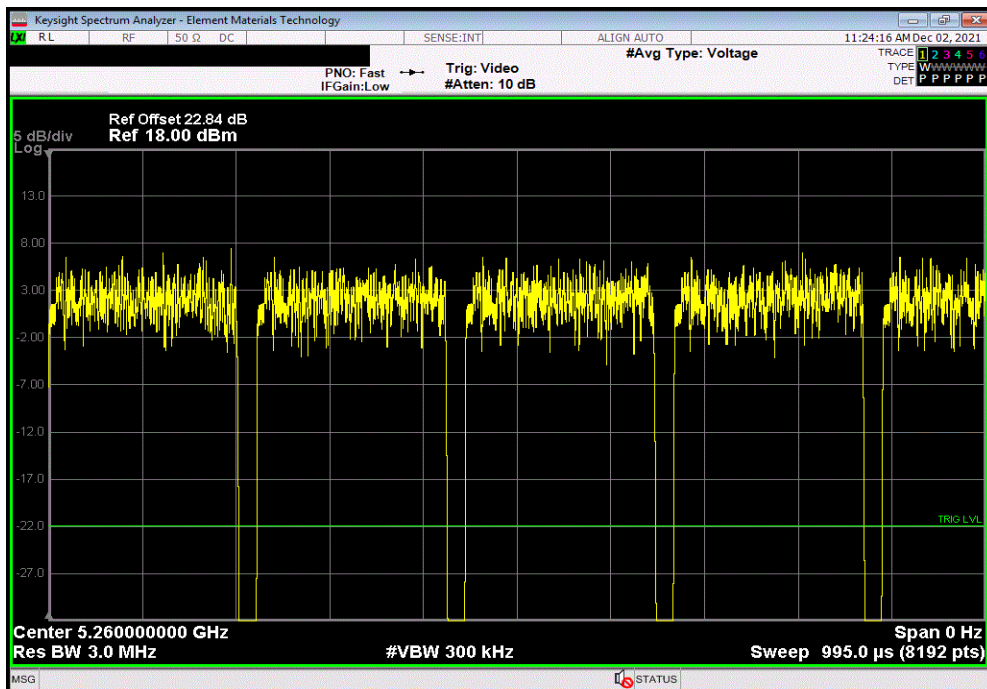


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(ac) MCS8 (256-QAM), Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
200.778 us	221.1 us	1	90.8	N/A (N/A)	N/A	



20 MHz, 802.11(ac) MCS8 (256-QAM), Ch 52, Low Channel 5260 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

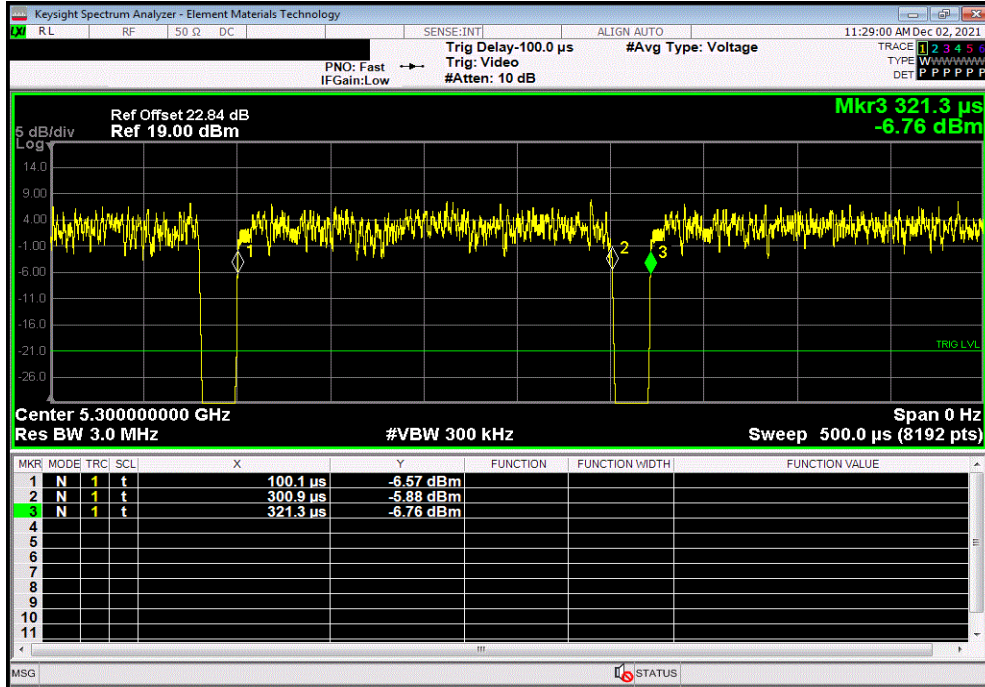


DUTY CYCLE - 5.3 GHz BAND

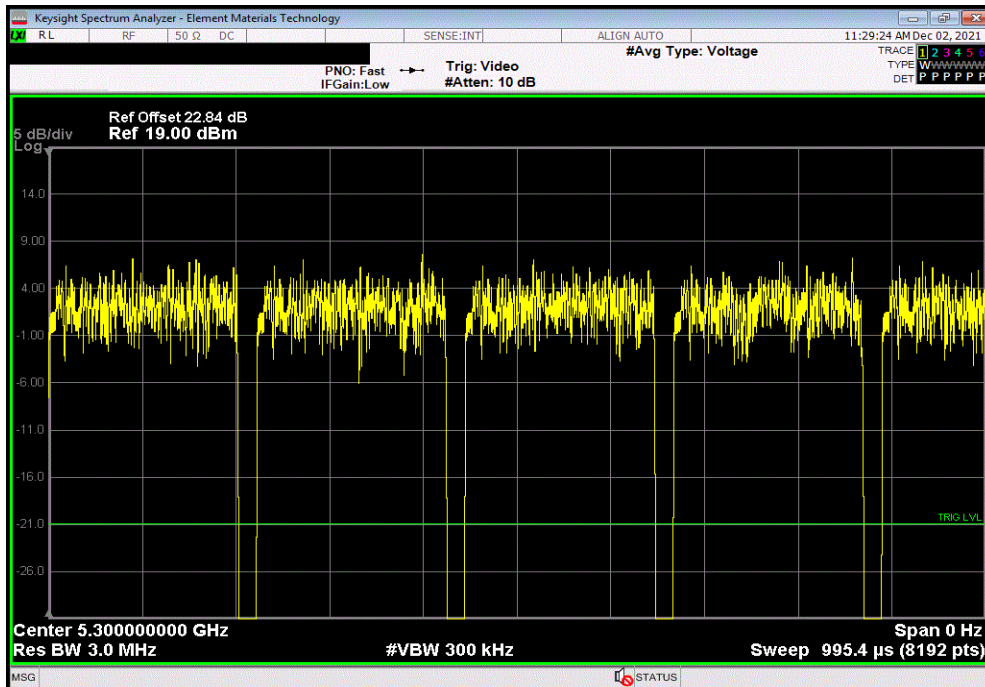


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(ac) MCS8 (256-QAM), Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
200.712 us	221.2 us	1	90.7	N/A (N/A)	N/A	



20 MHz, 802.11(ac) MCS8 (256-QAM), Ch 60, Mid Channel 5300 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

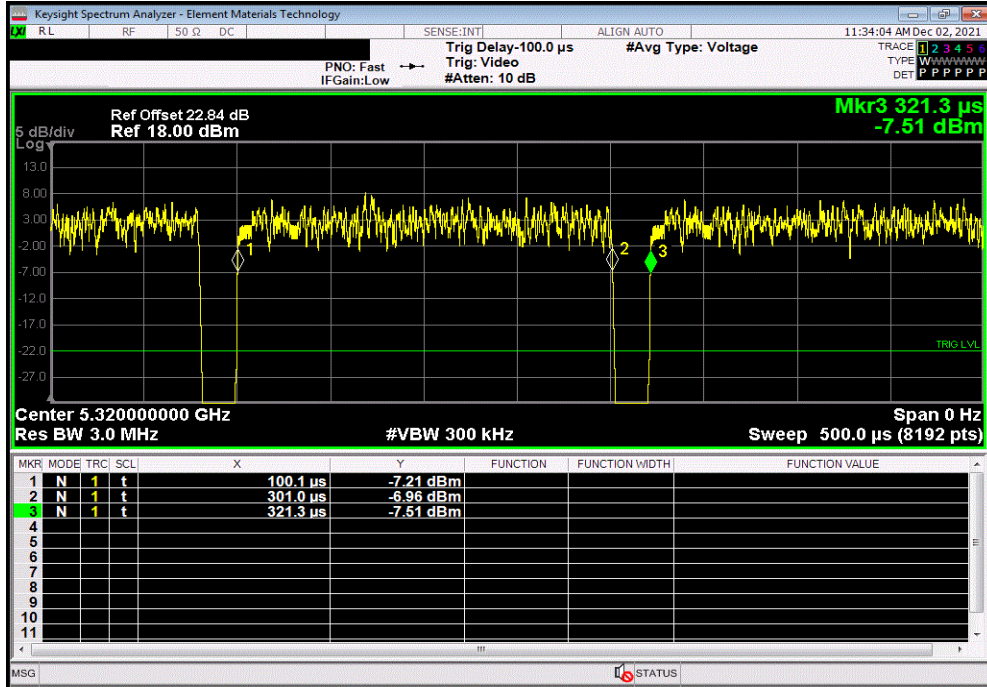


DUTY CYCLE - 5.3 GHz BAND

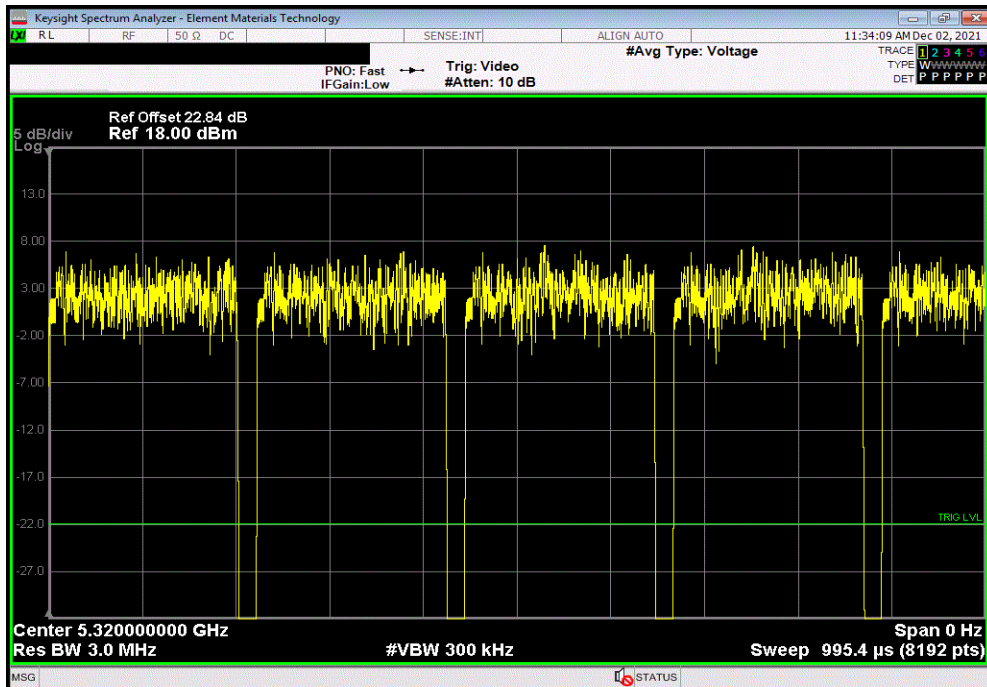


TbTx 2021.10.29.2 XMI 2020.12.30.0

20 MHz, 802.11(ac) MCS8 (256-QAM), Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
200.956 us	221.2 us	1	90.8	N/A (N/A)	N/A	



20 MHz, 802.11(ac) MCS8 (256-QAM), Ch 64, High Channel 5320 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

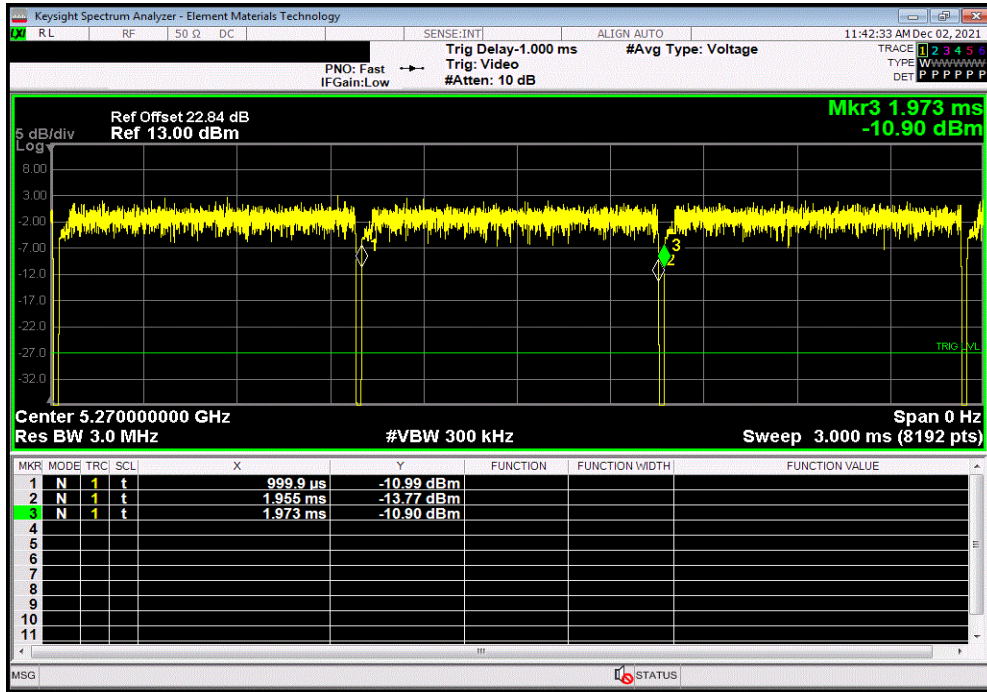


DUTY CYCLE - 5.3 GHZ BAND

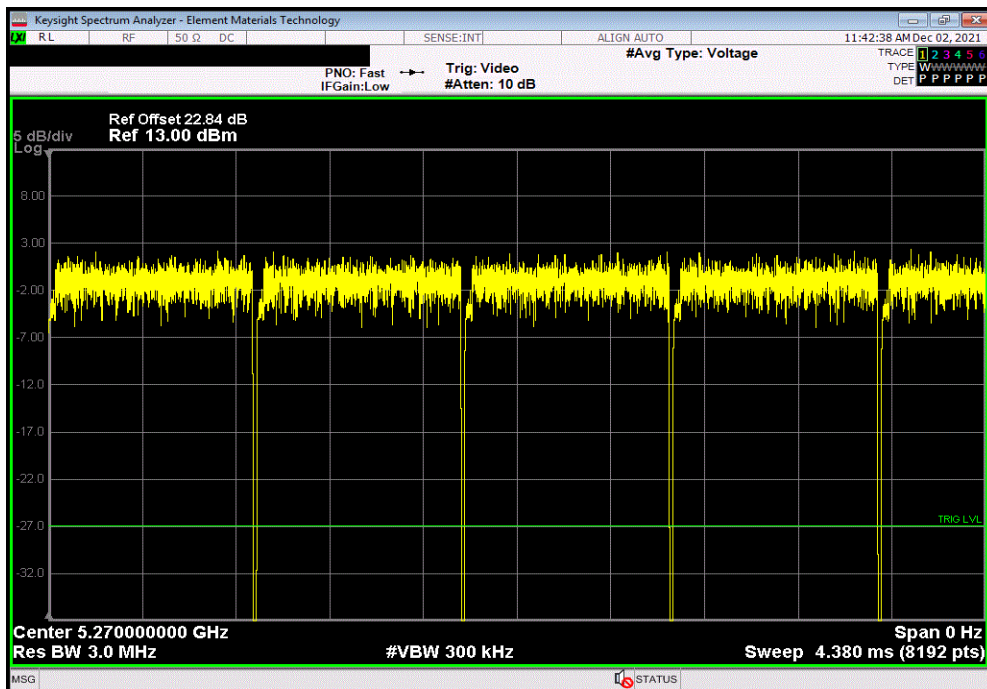


TbTx 2021.10.29.2 XMI 2020.12.30.0

40 MHz, 802.11(n) MCS0, Ch 52/56, Low Channel 5270 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
954.697 us	973.267 us	1	98.1	N/A (N/A)	N/A	



40 MHz, 802.11(n) MCS0, Ch 52/56, Low Channel 5270 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

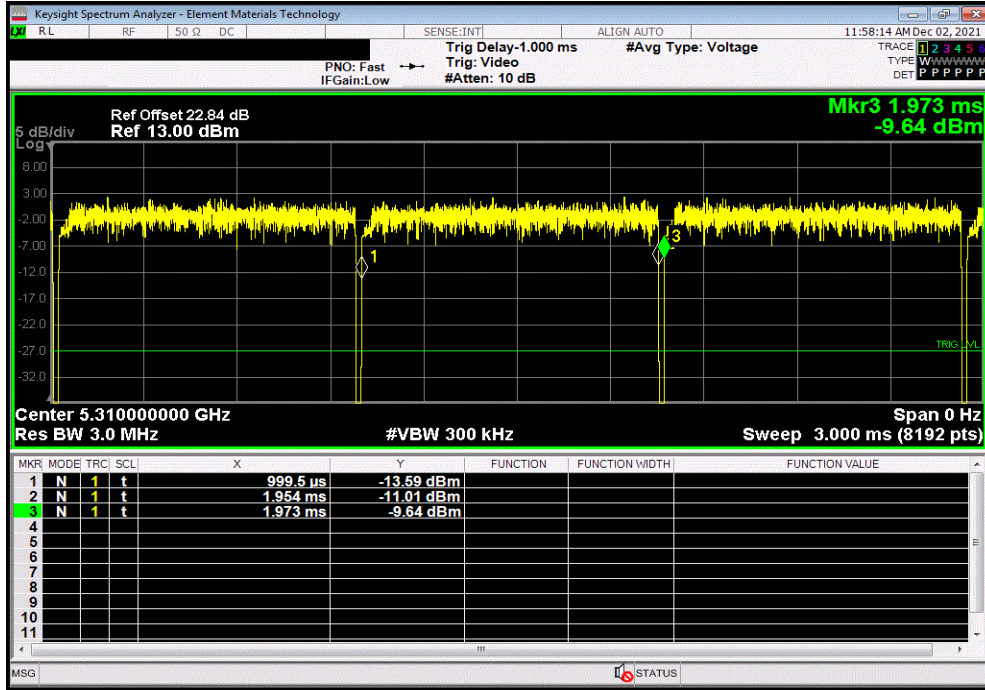


DUTY CYCLE - 5.3 GHZ BAND

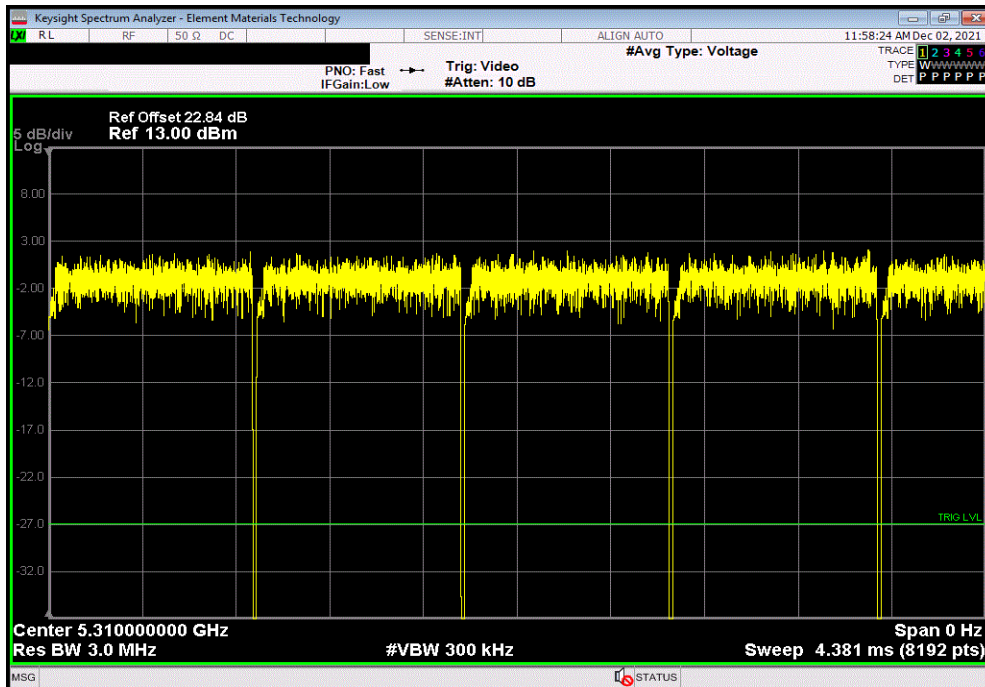


TbTx 2021.10.29.2 XMI 2020.12.30.0

40 MHz, 802.11(n) MCS0, Ch 60/64, High Channel 5310 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
954.893 us	973.663 us	1	98.1	N/A (N/A)	N/A	



40 MHz, 802.11(n) MCS0, Ch 60/64, High Channel 5310 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

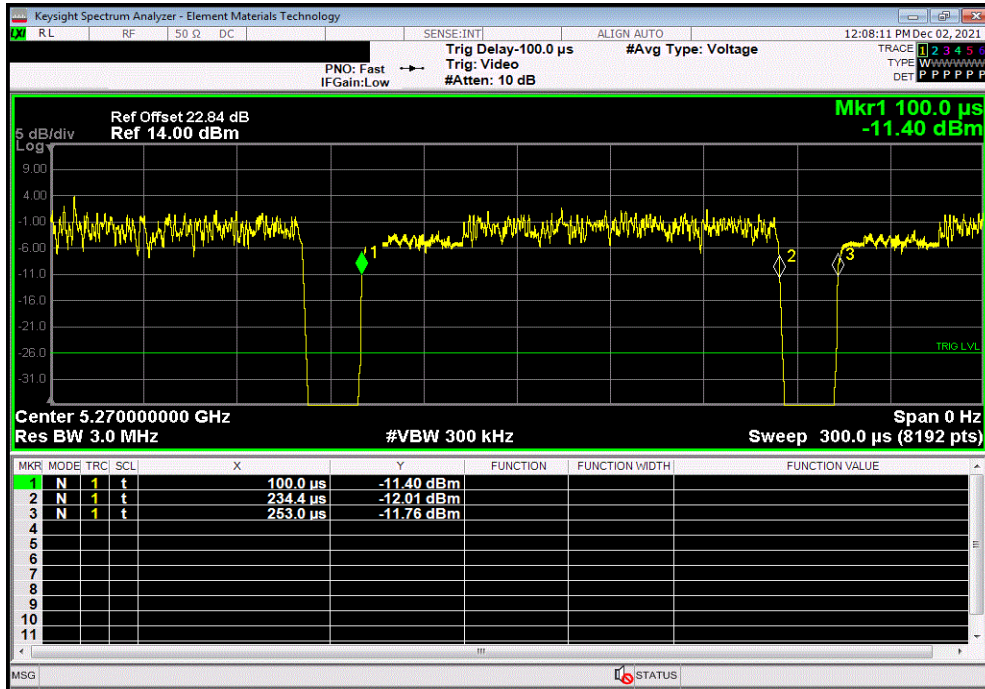


DUTY CYCLE - 5.3 GHZ BAND

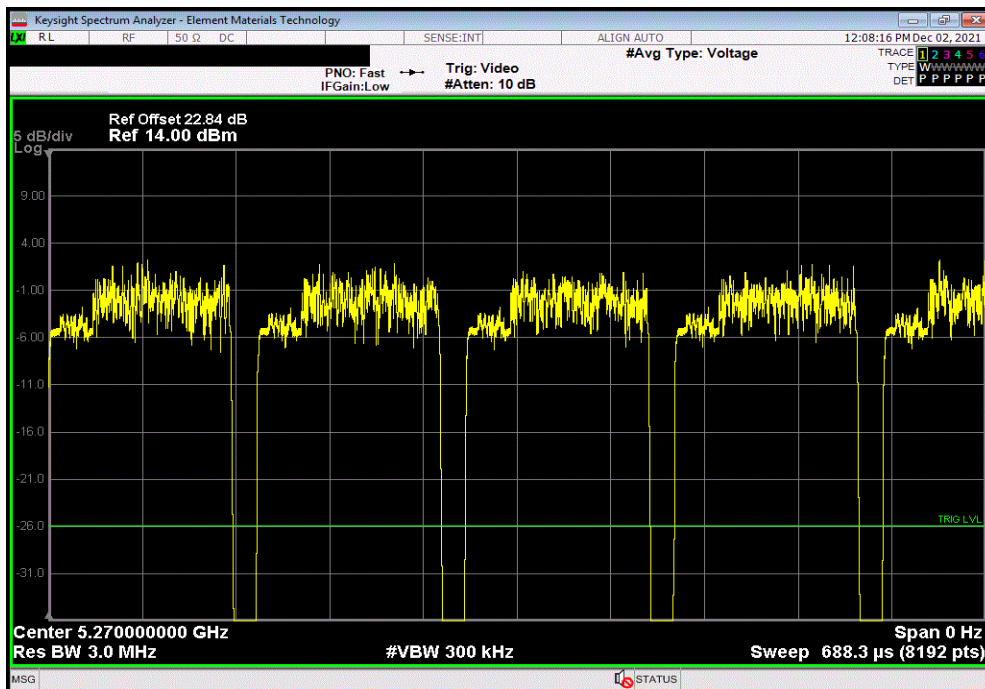


TbTx 2021.10.29.2 XMI 2020.12.30.0

40 MHz, 802.11(n) MCS7, Ch 52/56, Low Channel 5270 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
134.353 us	152.953 us	1	87.8	N/A (N/A)	N/A	



40 MHz, 802.11(n) MCS7, Ch 52/56, Low Channel 5270 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

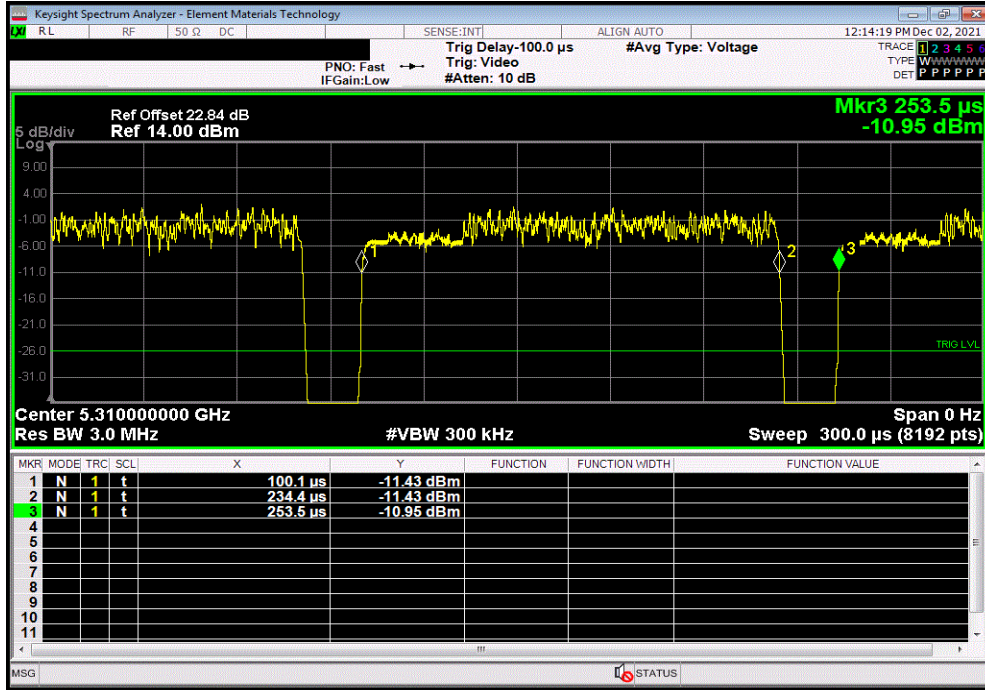


DUTY CYCLE - 5.3 GHZ BAND

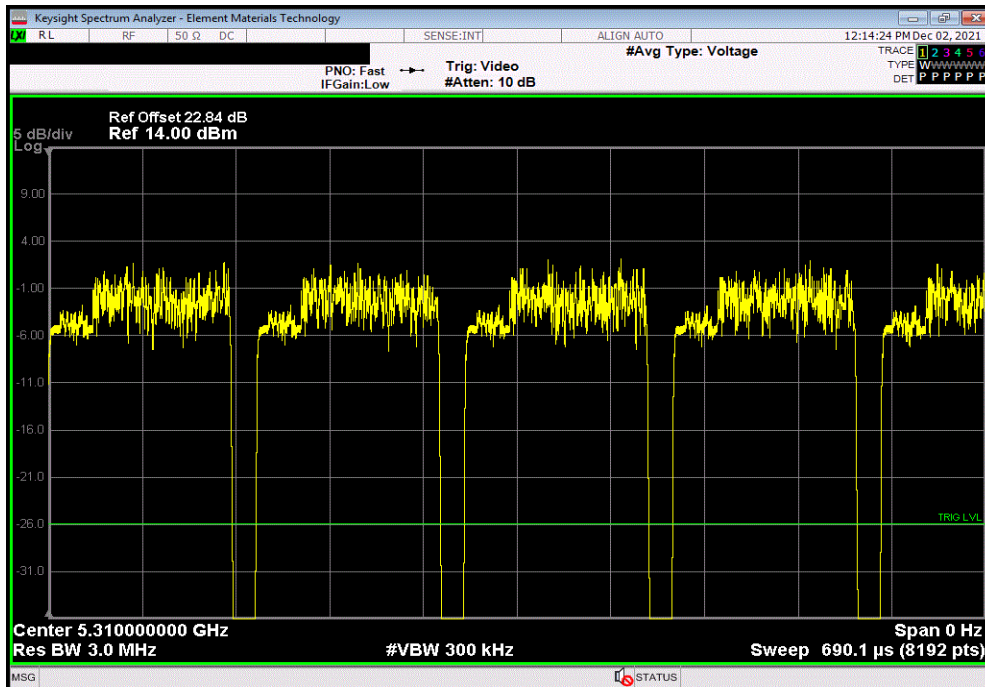


TbTx 2021.10.29.2 XbTx 2020.12.30.0

40 MHz, 802.11(n) MCS7, Ch 60/64, High Channel 5310 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
134.297 us	153.353 us	1	87.6	N/A (N/A)	N/A	



40 MHz, 802.11(n) MCS7, Ch 60/64, High Channel 5310 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

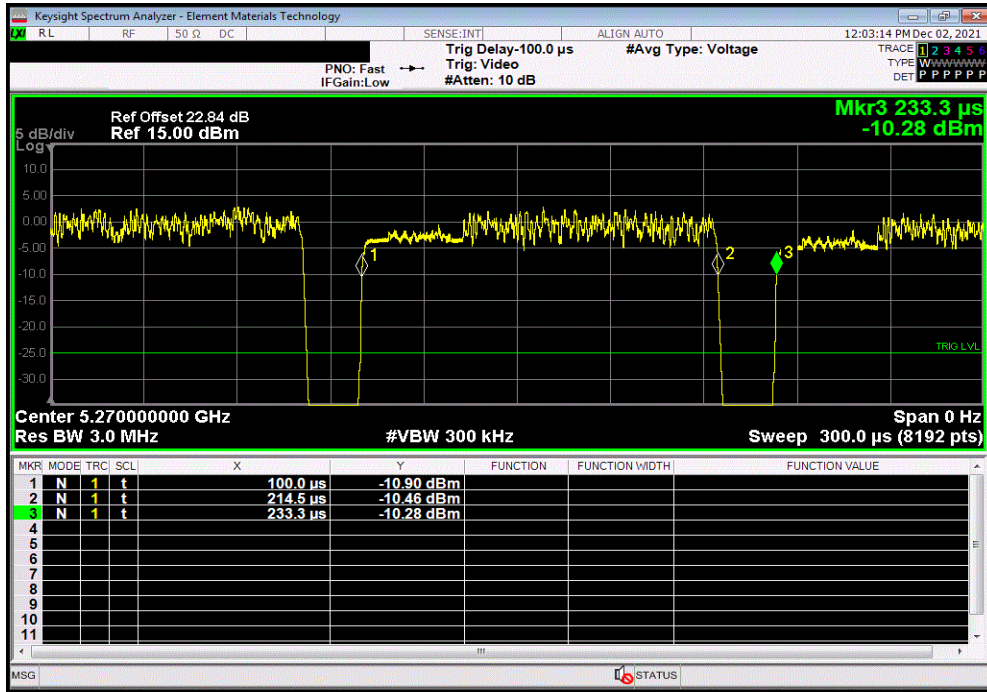


DUTY CYCLE - 5.3 GHz BAND

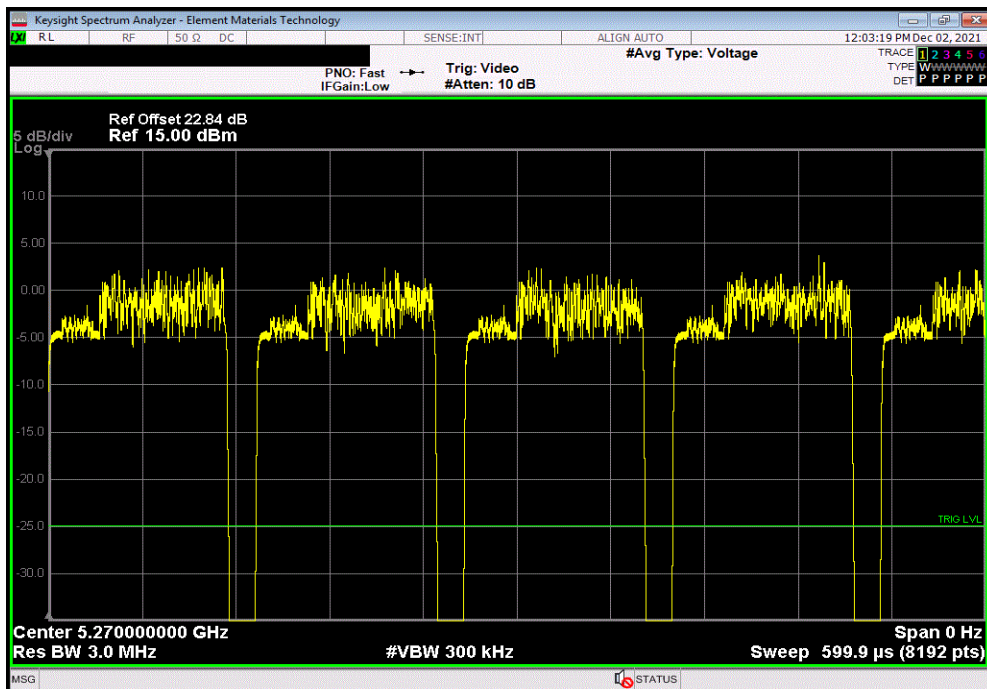


Tel: +31 20 480 4800 | XMI: 2020.12.30.0

40 MHz, 802.11(ac) MCS9 (256-QAM), Ch 52/56, Low Channel 5270 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
114.453 us	133.31 us	1	85.9	N/A (N/A)	N/A	



40 MHz, 802.11(ac) MCS9 (256-QAM), Ch 52/56, Low Channel 5270 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

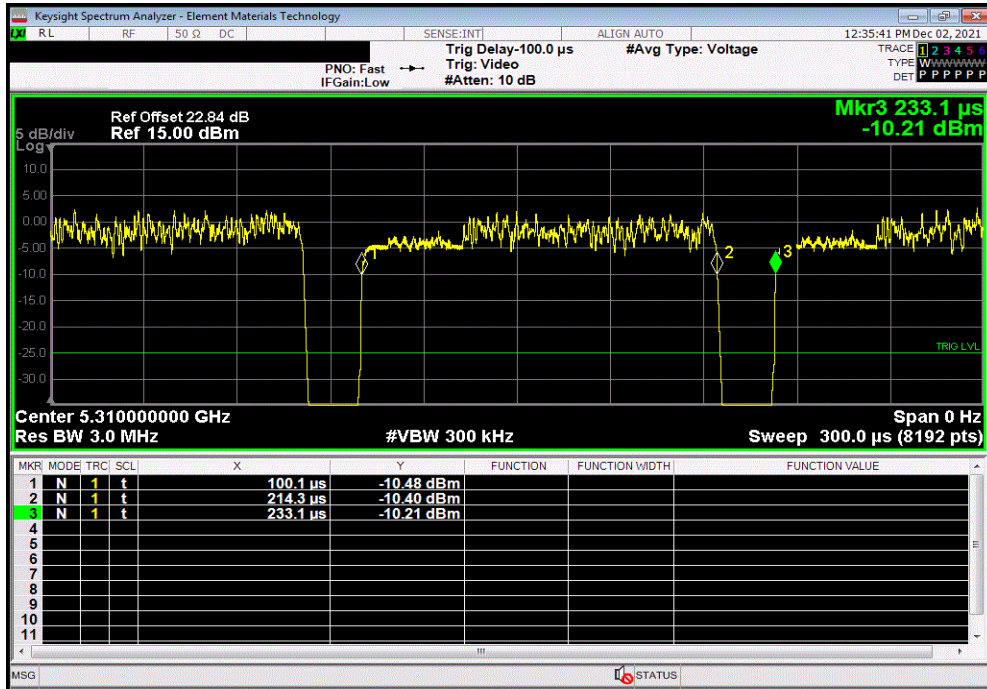


DUTY CYCLE - 5.3 GHZ BAND

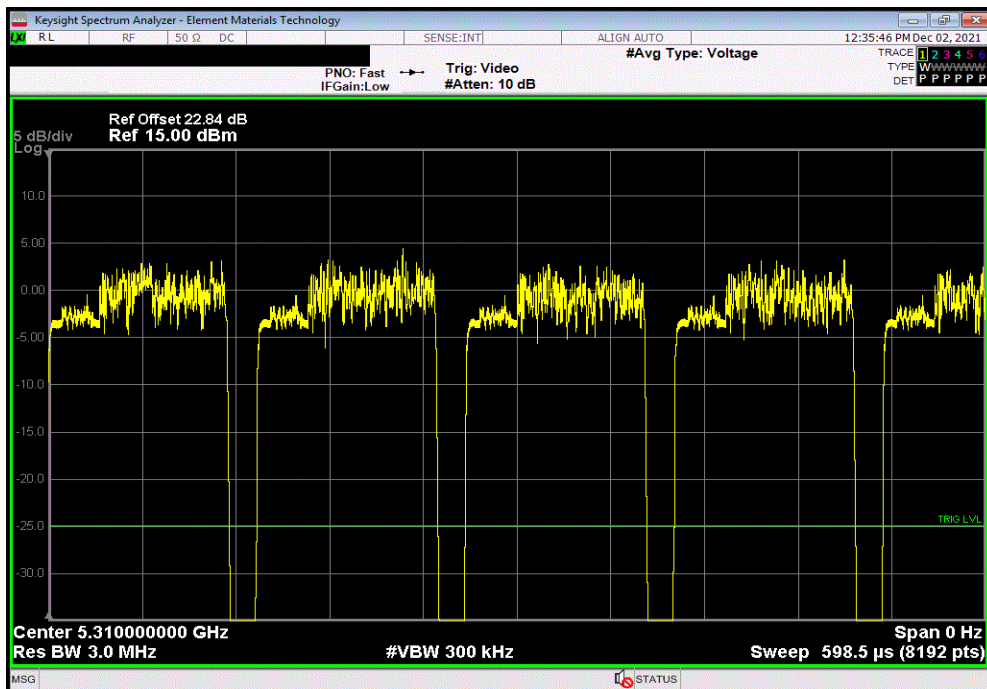


TbTx 2021.10.29.2 XMI 2020.12.30.0

40 MHz, 802.11(ac) MCS9 (256-QAM), Ch 60/64 High Channel 5310 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
114.234 us	133.01 us	1	85.9	N/A (N/A)	N/A	



40 MHz, 802.11(ac) MCS9 (256-QAM), Ch 60/64 High Channel 5310 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

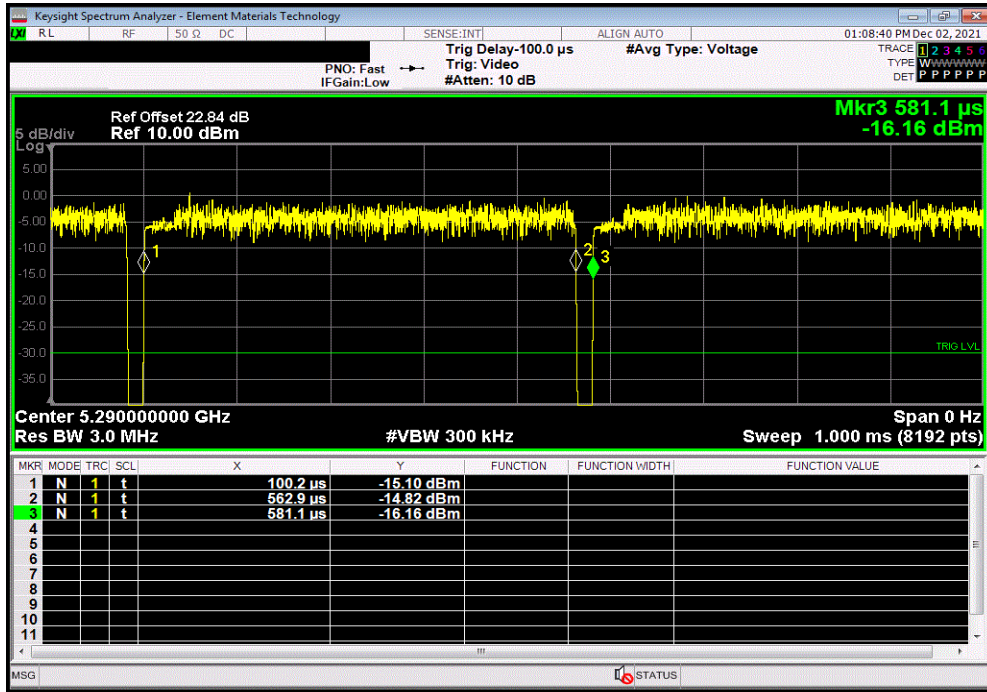


DUTY CYCLE - 5.3 GHZ BAND

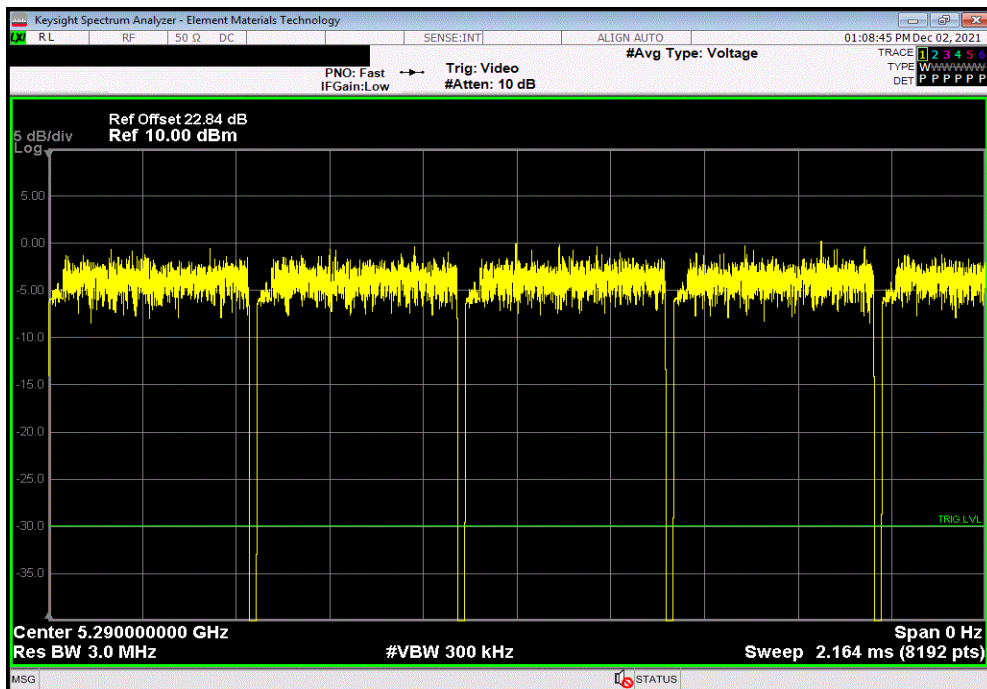


TbTx 2021.10.29.2 XMI 2020.12.30.0

80 MHz, 802.11(ac) MCS0, Ch 52-64, Low Channel 5290 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
462.668 us	480.84 us	1	96.2	N/A (N/A)	N/A	



80 MHz, 802.11(ac) MCS0, Ch 52-64, Low Channel 5290 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

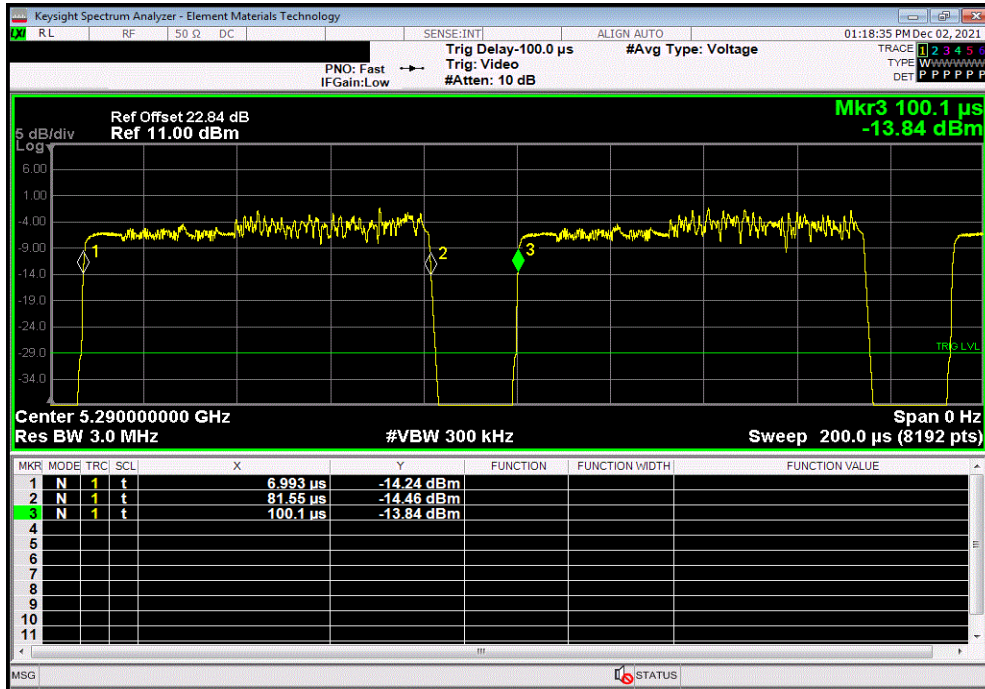


DUTY CYCLE - 5.3 GHZ BAND



TbTx 2021.10.29.2 XMI 2020.12.30.0

80 MHz, 802.11(ac) MCS9 (256-QAM), Ch 52-64, Low Channel 5290 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
74.558 us	93.127 us	1	80.1	N/A (N/A)	N/A	



80 MHz, 802.11(ac) MCS9 (256-QAM), Ch 52-64, Low Channel 5290 MHz						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

