

DUTY CYCLE - 5.6 GHz BAND

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
Power Supply - DC	Topward	TPS-2000	TPD	NCR	NCR
Generator - Signal	Keysight	N5182B	TFU	2020-11-20	2022-11-20
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.

DUTY CYCLE - 5.6 GHz BAND



TbTb 2021.03.19.1 XMI 2020.12.30.0

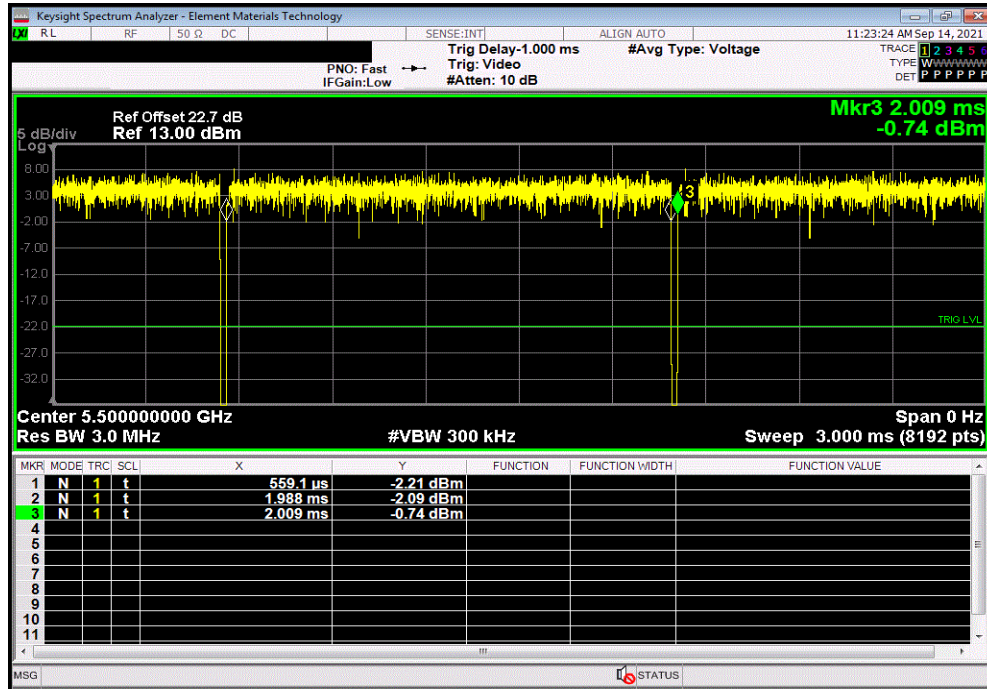
EUT:	43.0536.00		Work Order:		A-DE0170		
Serial Number:	SN001 00001		Date:		15-Sep-21		
Customer:	A-dec, Inc.		Temperature:		23.1 °C		
Attendees:	Ben Meadows		Humidity:		45% RH		
Project:	None		Barometric Pres.:		1022 mbar		
Tested by:	Jeff Alcocke	Power:	3.3 VDC		Job Site: EV06		
TEST SPECIFICATIONS			Test Method				
FCC 15.407:2021			ANSI C63.10:2013				
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
5470 - 5725 MHz Band							
802.11(a) No HT							
Low Channel, Ch 100 - 5500 MHz							
6 Mbps		1.429 ms	1.45 ms	1	98.5	N/A	N/A
6 Mbps		N/A	N/A	5	N/A	N/A	N/A
36 Mbps		256.9 us	277.4 us	1	92.6	N/A	N/A
36 Mbps		N/A	N/A	6	N/A	N/A	N/A
54 Mbps		180.8 us	201.3 us	1	89.8	N/A	N/A
54 Mbps		N/A	N/A	5	N/A	N/A	N/A
Mid Channel, Ch 116 - 5580 MHz							
6 Mbps		1.429 ms	1.449 ms	1	98.6	N/A	N/A
6 Mbps		N/A	N/A	5	N/A	N/A	N/A
36 Mbps		256.8 us	277.2 us	1	92.6	N/A	N/A
36 Mbps		N/A	N/A	6	N/A	N/A	N/A
54 Mbps		180.8 us	201.2 us	1	89.9	N/A	N/A
54 Mbps		N/A	N/A	5	N/A	N/A	N/A
High Channel, Ch 140 - 5700 MHz							
6 Mbps		1.428 ms	1.449 ms	1	98.5	N/A	N/A
6 Mbps		N/A	N/A	5	N/A	N/A	N/A
36 Mbps		256.8 us	277.2 us	1	92.6	N/A	N/A
36 Mbps		N/A	N/A	5	N/A	N/A	N/A
54 Mbps		180.8 us	201.3 us	1	89.8	N/A	N/A
54 Mbps		N/A	N/A	5	N/A	N/A	N/A
802.11(n/ac) VHT20							
Low Channel, Ch 100 - 5500 MHz							
MCS0		1.345 ms	1.365 ms	1	98.5	N/A	N/A
MCS0		N/A	N/A	6	N/A	N/A	N/A
MCS7		172.778 us	193.339 us	1	89.4	N/A	N/A
MCS7		N/A	N/A	6	N/A	N/A	N/A
MCS8 (256-QAM)		152.356 us	173.344 us	1	87.9	N/A	N/A
MCS8 (256-QAM)		N/A	N/A	5	N/A	N/A	N/A
Mid Channel, Ch 116 - 5580 MHz							
MCS0		1.345 ms	1.365 ms	1	98.5	N/A	N/A
MCS0		N/A	N/A	6	N/A	N/A	N/A
MCS7		172.229 us	193.2 us	1	89.1	N/A	N/A
MCS7		N/A	N/A	6	N/A	N/A	N/A
MCS8 (256-QAM)		152.533 us	173.161 us	1	88.1	N/A	N/A
MCS8 (256-QAM)		N/A	N/A	5	N/A	N/A	N/A
High Channel, Ch 140 - 5700 MHz							
MCS0		1.345 ms	1.365 ms	1	98.5	N/A	N/A
MCS0		N/A	N/A	6	N/A	N/A	N/A
MCS7		172.778 us	193.139 us	1	89.5	N/A	N/A
MCS7		N/A	N/A	5	N/A	N/A	N/A
MCS8 (256-QAM)		152.761 us	173.161 us	1	88.2	N/A	N/A
MCS8 (256-QAM)		N/A	N/A	5	N/A	N/A	N/A
802.11(n/ac) VHT40							
Low Channel, Ch 100/104 - 5510 MHz							
MCS0		669.535 us	689.2 us	1	97.1	N/A	N/A
MCS0		N/A	N/A	5	N/A	N/A	N/A
MCS7		106.061 us	125.2 us	1	84.7	N/A	N/A
MCS7		N/A	N/A	5	N/A	N/A	N/A
MCS9 (256-QAM)		90.216 us	109.03 us	1	82.7	N/A	N/A
MCS9 (256-QAM)		N/A	N/A	5	N/A	N/A	N/A
Mid Channel, Ch 108/112 - 5550 MHz							
MCS0		669.101 us	688.881 us	1	97.1	N/A	N/A
MCS0		N/A	N/A	5	N/A	N/A	N/A
MCS7		105.7 us	125 us	1	84.6	N/A	N/A
MCS7		N/A	N/A	6	N/A	N/A	N/A
MCS9 (256-QAM)		89.7 us	109.3 us	1	82.1	N/A	N/A
MCS9 (256-QAM)		N/A	N/A	5	N/A	N/A	N/A
High Channel, Ch 132/136 - 5670 MHz							
MCS0		669.549 us	688.651 us	1	97.2	N/A	N/A
MCS0		N/A	N/A	5	N/A	N/A	N/A
MCS7		105.601 us	125.084 us	1	84.4	N/A	N/A
MCS7		N/A	N/A	5	N/A	N/A	N/A
MCS9 (256-QAM)		90.259 us	109.366 us	1	82.5	N/A	N/A
MCS9 (256-QAM)		N/A	N/A	5	N/A	N/A	N/A
802.11(n/ac) VHT80							
Low Channel, Ch 100-112 - 5530 MHz							
MCS0		334.4 us	352.9 us	1	94.8	N/A	N/A
MCS0		N/A	N/A	5	N/A	N/A	N/A
MCS9 (256-QAM)		66.615 us	85.027 us	1	78.3	N/A	N/A
MCS9 (256-QAM)		N/A	N/A	5	N/A	N/A	N/A
High Channel, Ch 116-128 - 5610 MHz							
MCS0		334.3 us	353 us	1	94.7	N/A	N/A
MCS0		N/A	N/A	5	N/A	N/A	N/A
MCS9 (256-QAM)		66.493 us	85.051 us	1	78.2	N/A	N/A
MCS9 (256-QAM)		N/A	N/A	5	N/A	N/A	N/A

DUTY CYCLE - 5.6 GHz BAND

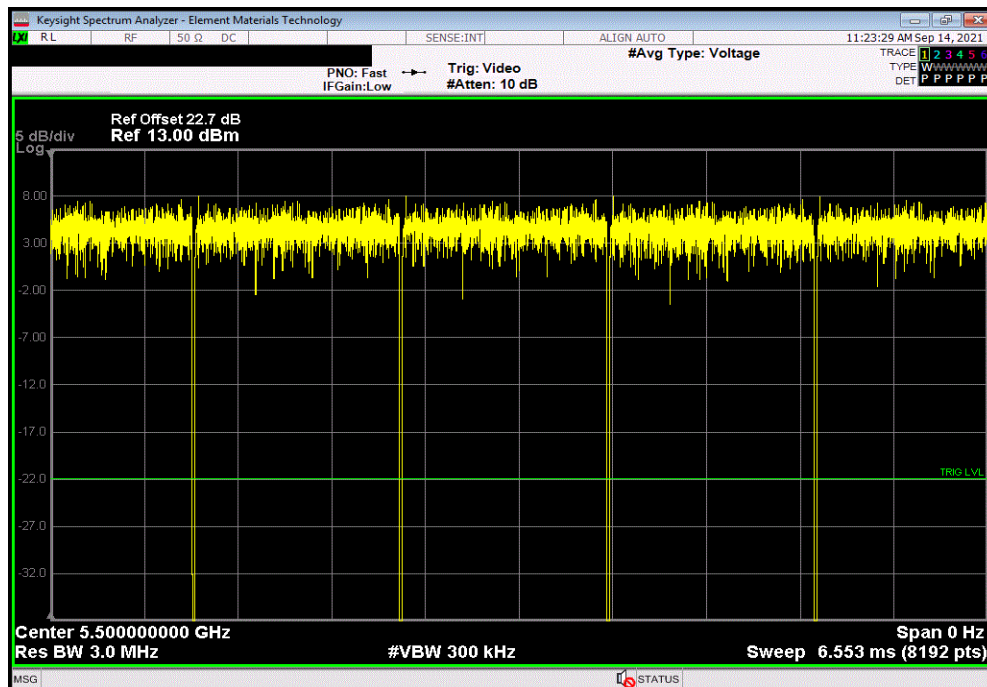


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(a) No HT, Low Channel, Ch 100 - 5500 MHz, 6 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
1.429 ms	1.45 ms	1	98.5	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(a) No HT, Low Channel, Ch 100 - 5500 MHz, 6 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

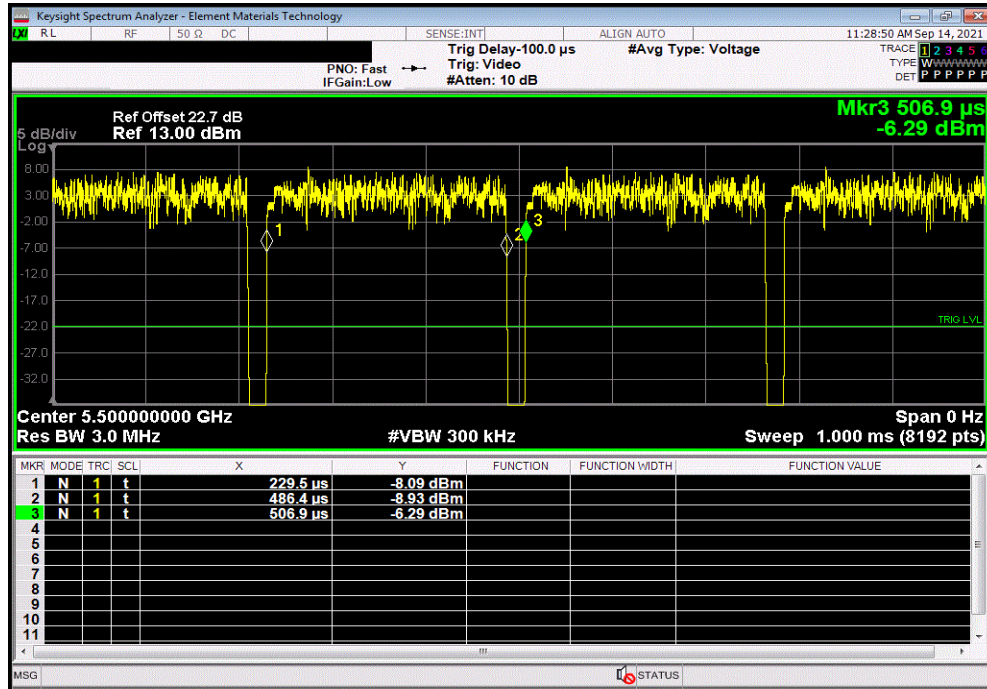


DUTY CYCLE - 5.6 GHz BAND

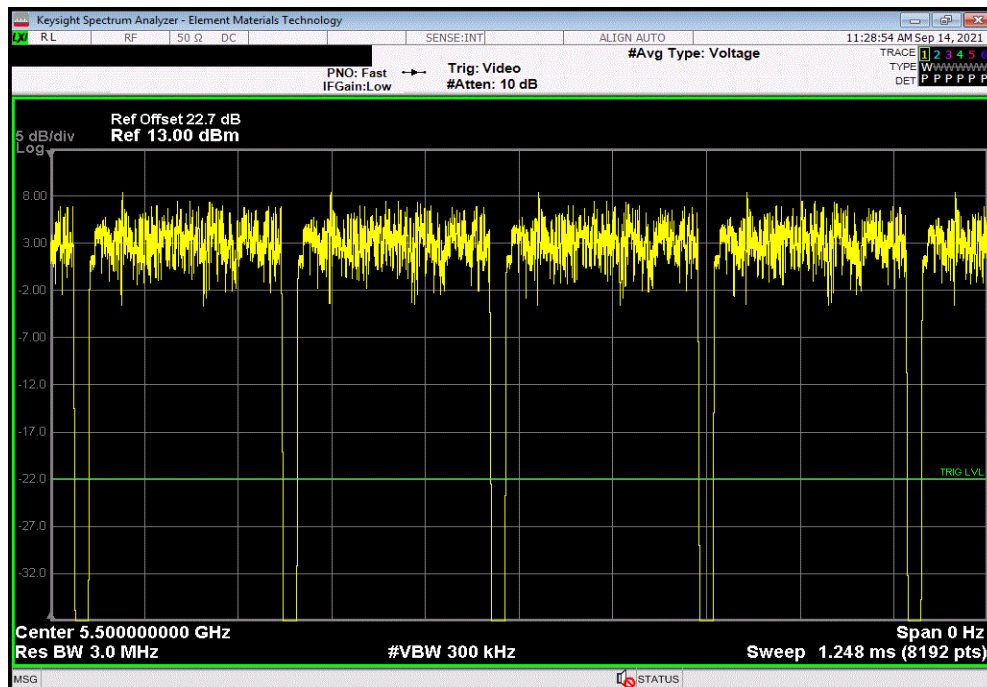


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(a) No HT, Low Channel, Ch 100 - 5500 MHz, 36 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
256.9 us	277.4 us	1	92.6	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(a) No HT, Low Channel, Ch 100 - 5500 MHz, 36 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	6	N/A	N/A (N/A)	N/A	

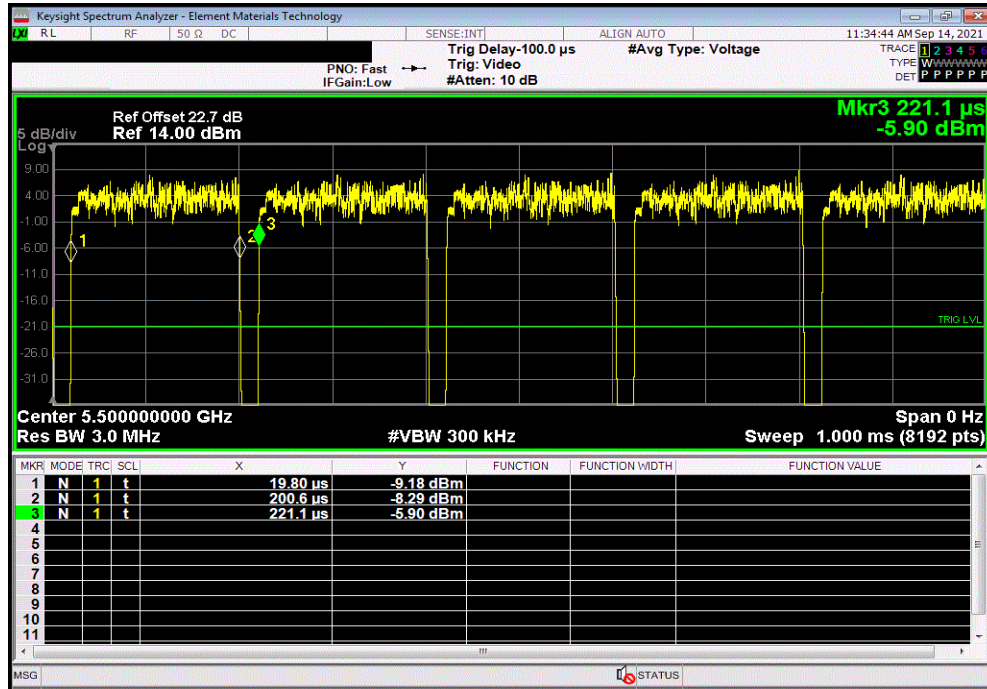


DUTY CYCLE - 5.6 GHz BAND

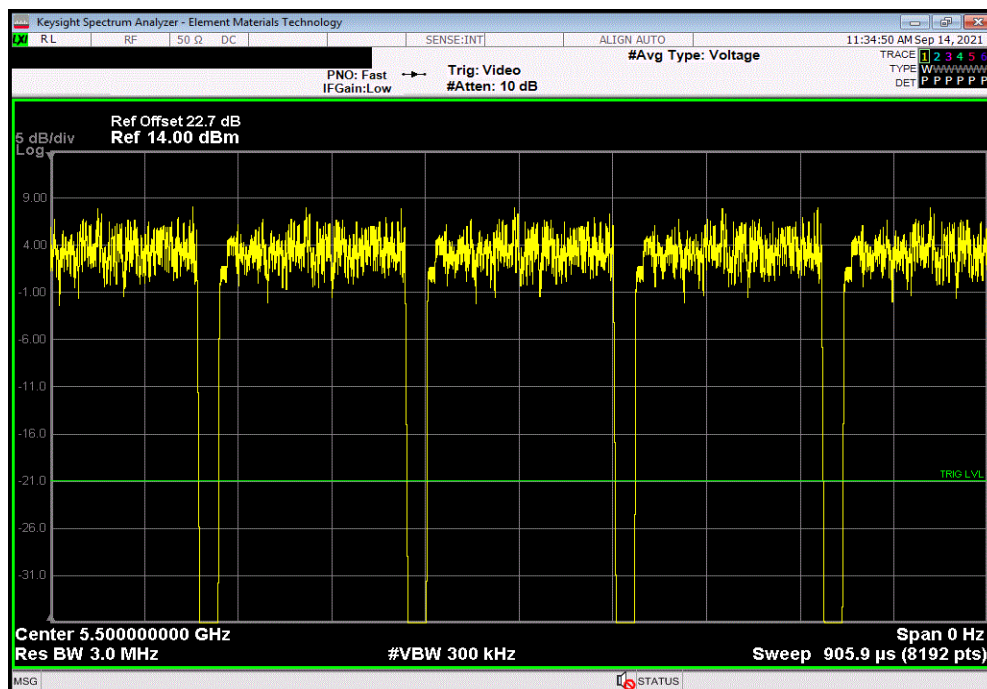


TbTtx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(a) No HT, Low Channel, Ch 100 - 5500 MHz, 54 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
180.8 us	201.3 us	1	89.8	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(a) No HT, Low Channel, Ch 100 - 5500 MHz, 54 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

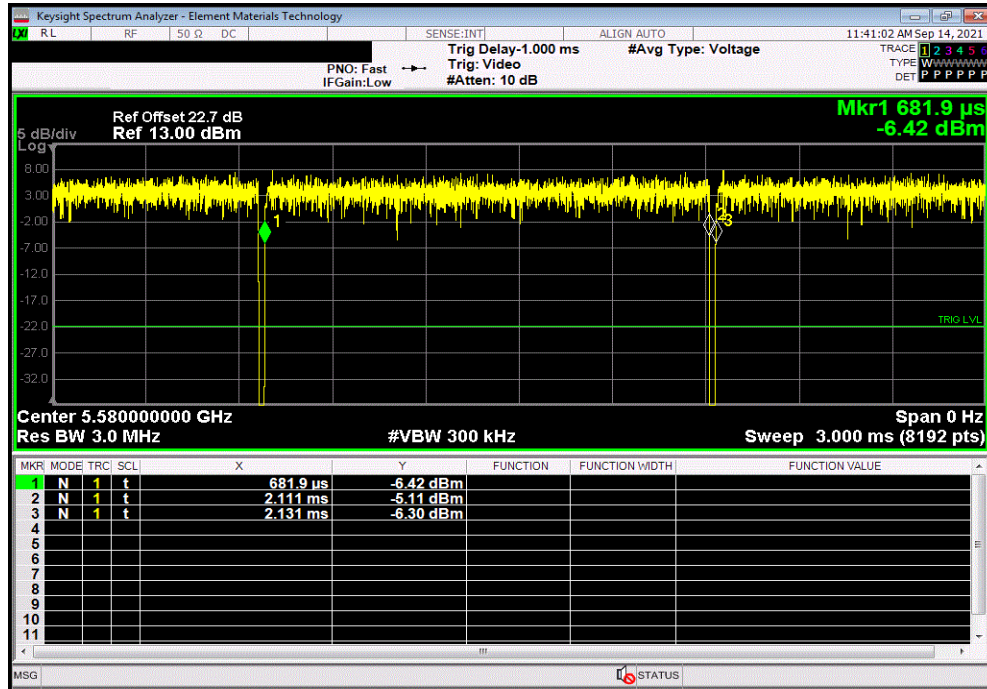


DUTY CYCLE - 5.6 GHz BAND

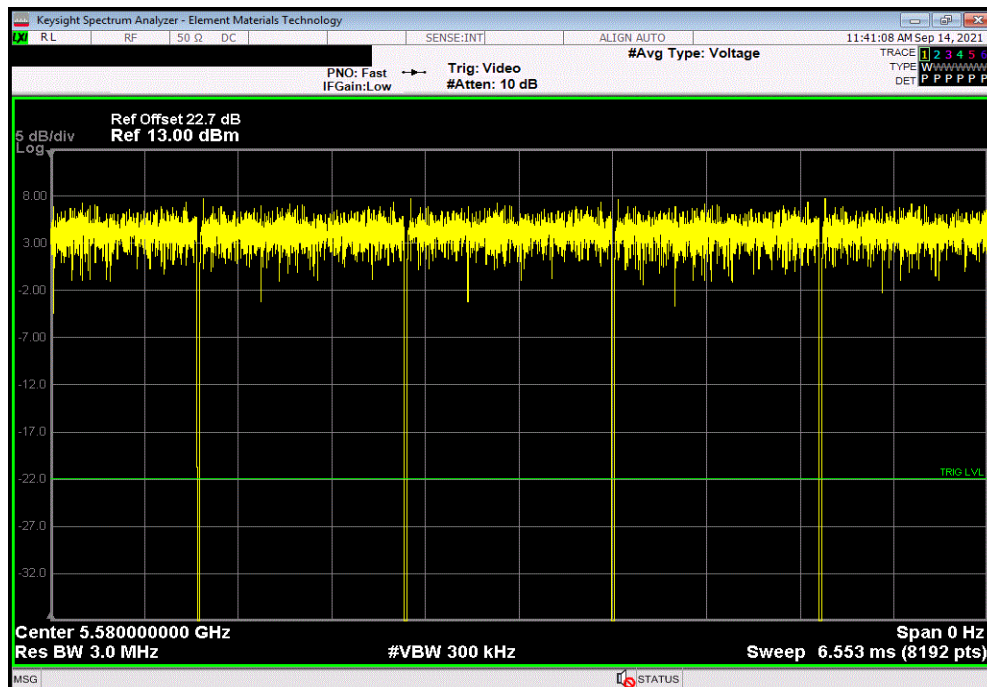


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(a) No HT, Mid Channel, Ch 116 - 5580 MHz, 6 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
1.429 ms	1.449 ms	1	98.6	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(a) No HT, Mid Channel, Ch 116 - 5580 MHz, 6 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

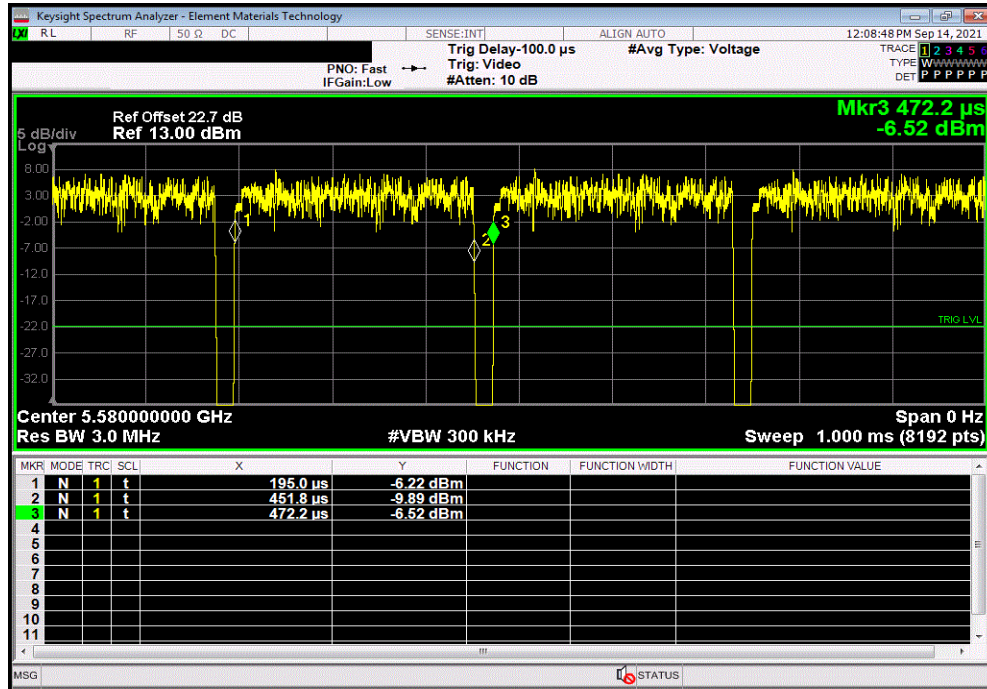


DUTY CYCLE - 5.6 GHz BAND

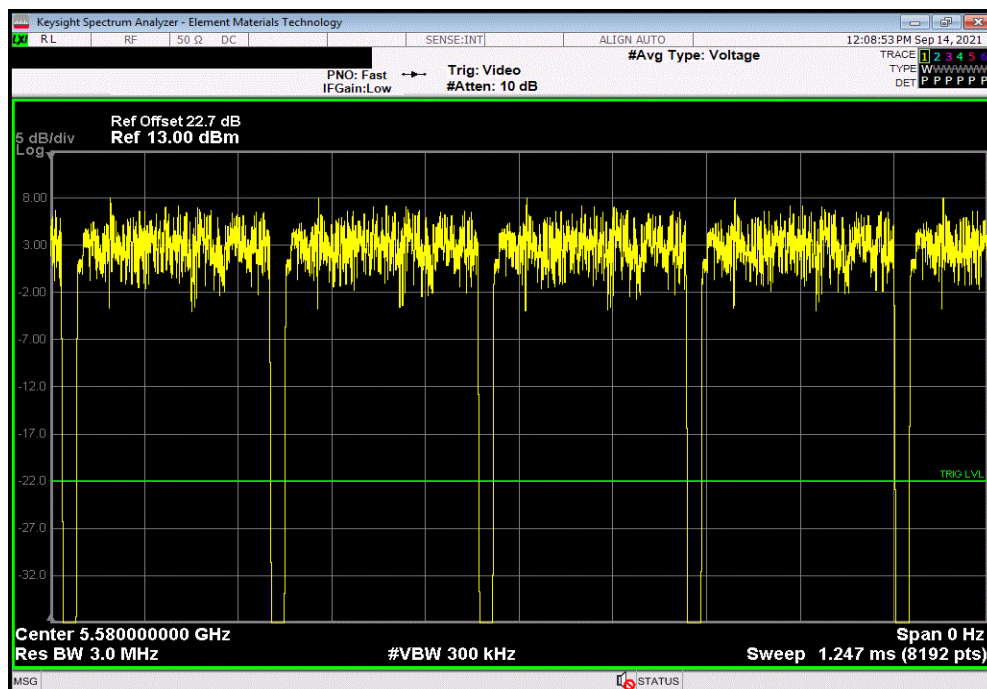


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(a) No HT, Mid Channel, Ch 116 - 5580 MHz, 36 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
256.8 us	277.2 us	1	92.6	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(a) No HT, Mid Channel, Ch 116 - 5580 MHz, 36 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	6	N/A	N/A (N/A)	N/A	

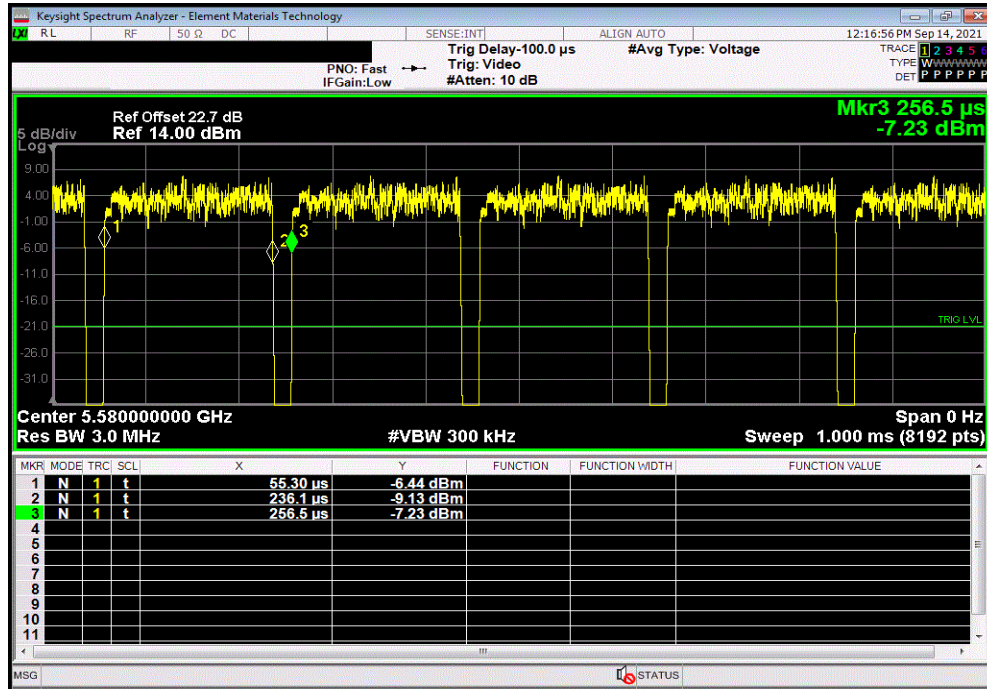


DUTY CYCLE - 5.6 GHz BAND

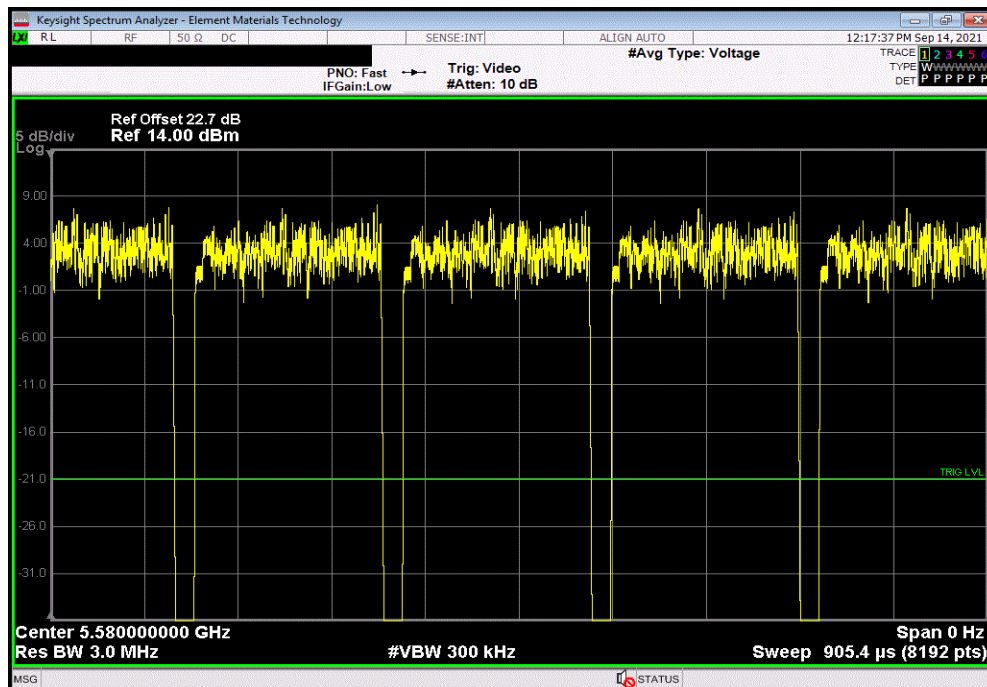


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(a) No HT, Mid Channel, Ch 116 - 5580 MHz, 54 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
180.8 us	201.2 us	1	89.9	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(a) No HT, Mid Channel, Ch 116 - 5580 MHz, 54 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

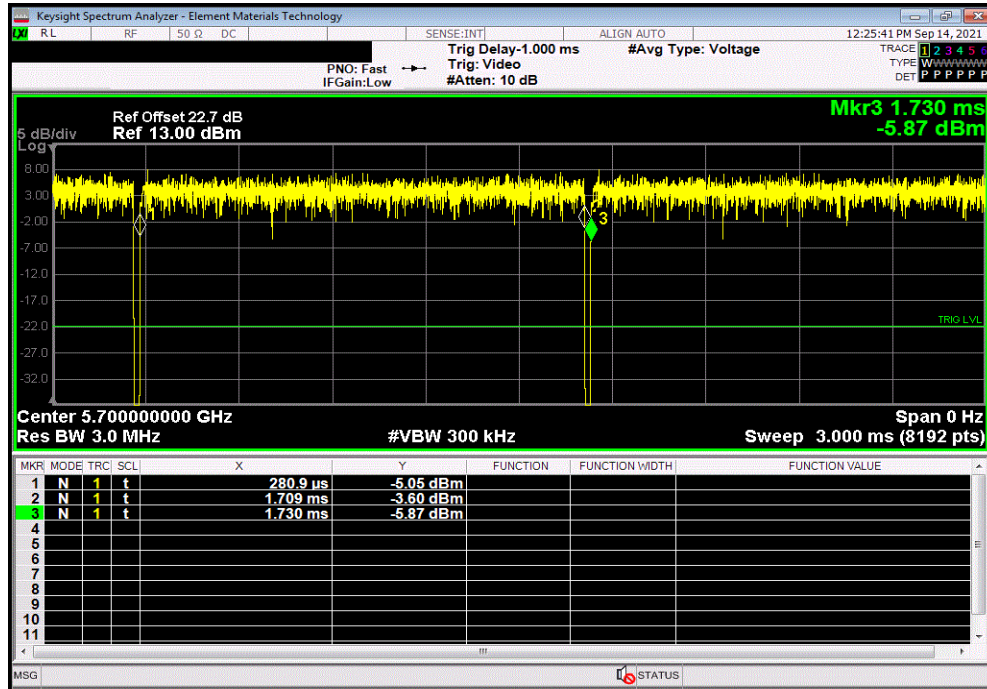


DUTY CYCLE - 5.6 GHz BAND

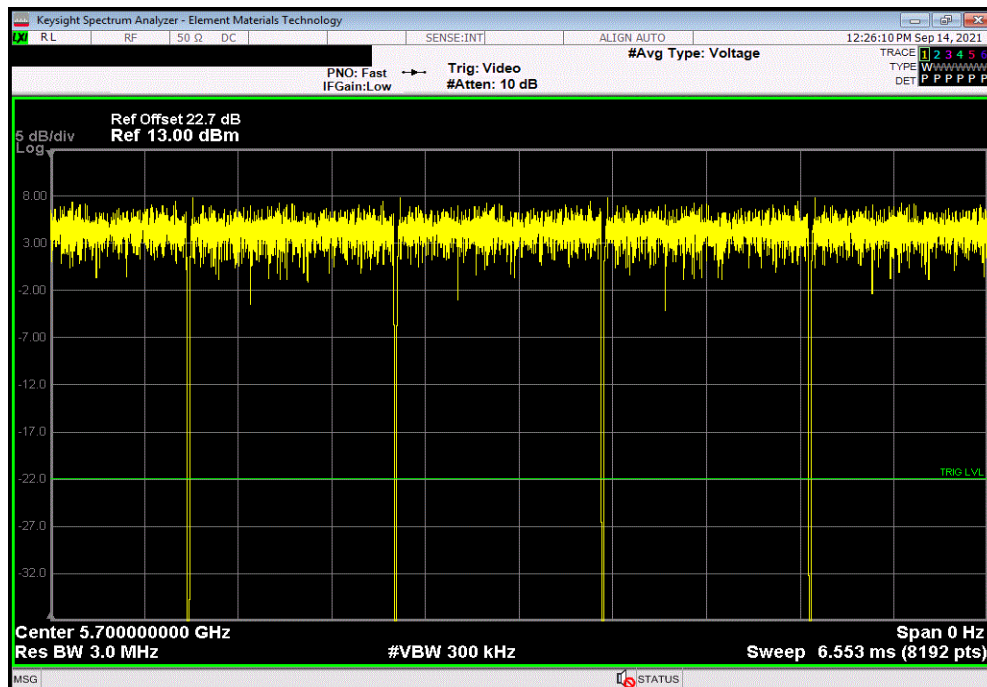


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(a) No HT, High Channel, Ch 140 - 5700 MHz, 6 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
1.428 ms	1.449 ms	1	98.5	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(a) No HT, High Channel, Ch 140 - 5700 MHz, 6 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

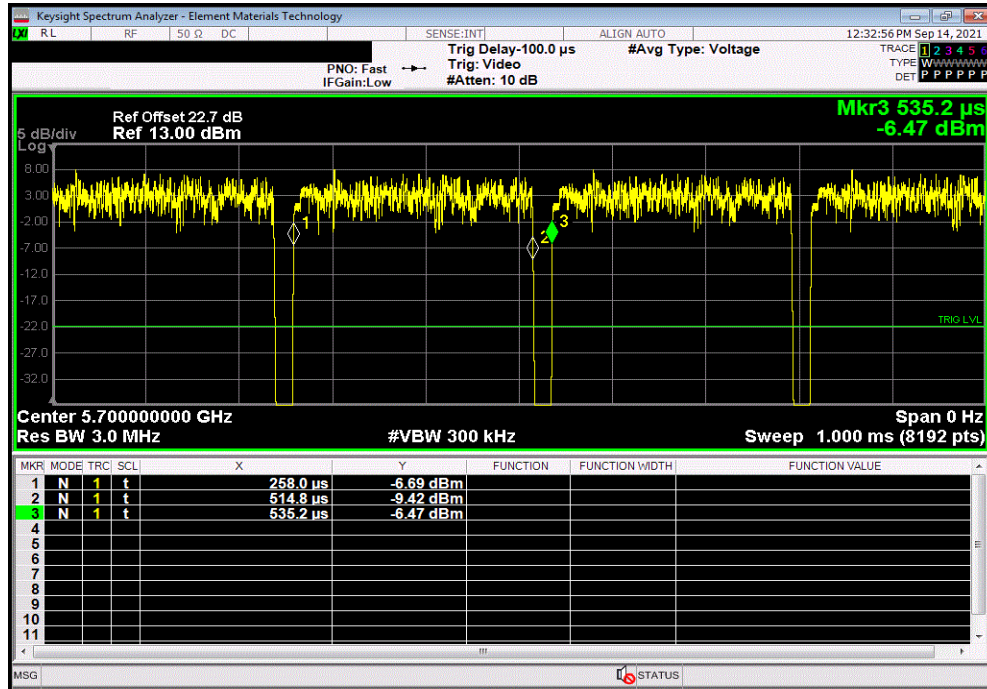


DUTY CYCLE - 5.6 GHz BAND

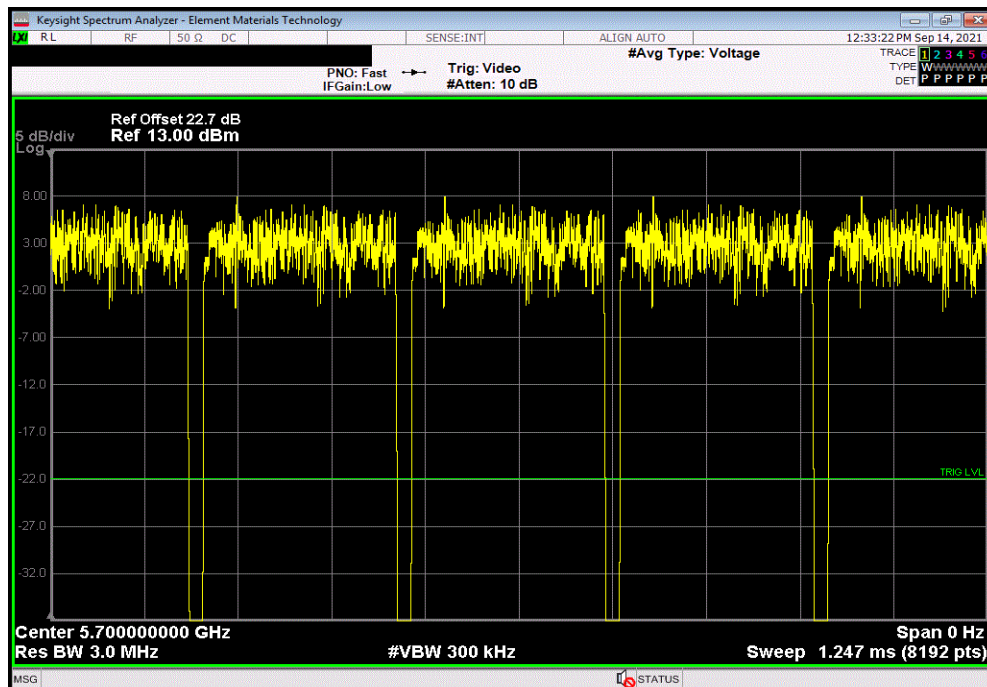


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(a) No HT, High Channel, Ch 140 - 5700 MHz, 36 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
256.8 us	277.2 us	1	92.6	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(a) No HT, High Channel, Ch 140 - 5700 MHz, 36 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

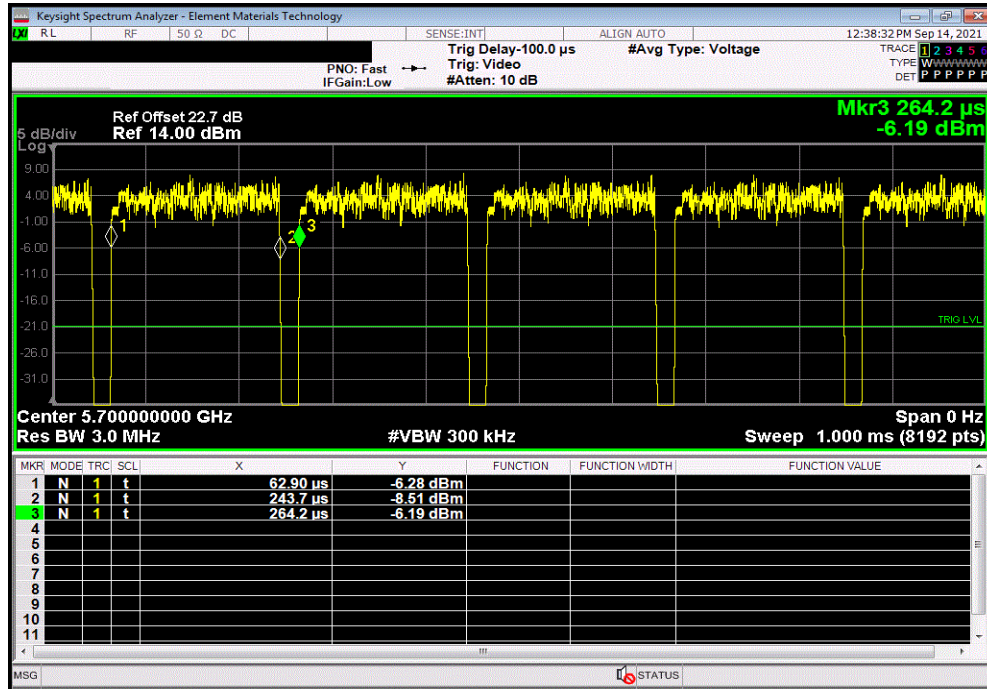


DUTY CYCLE - 5.6 GHz BAND

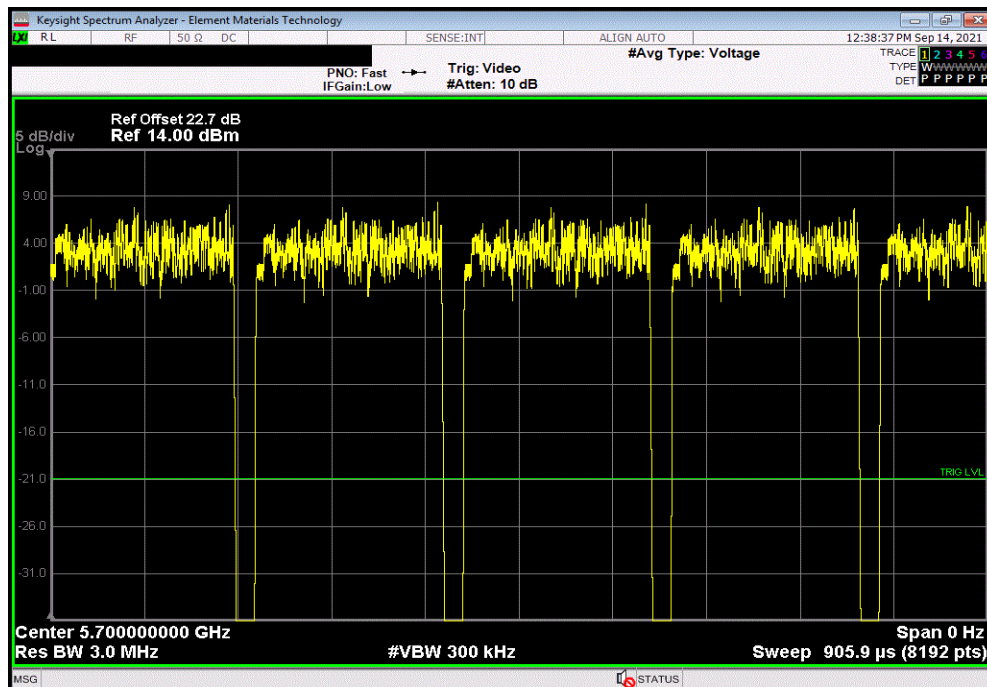


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(a) No HT, High Channel, Ch 140 - 5700 MHz, 54 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
180.8 μ s	201.3 μ s	1	89.8	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(a) No HT, High Channel, Ch 140 - 5700 MHz, 54 Mbps						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

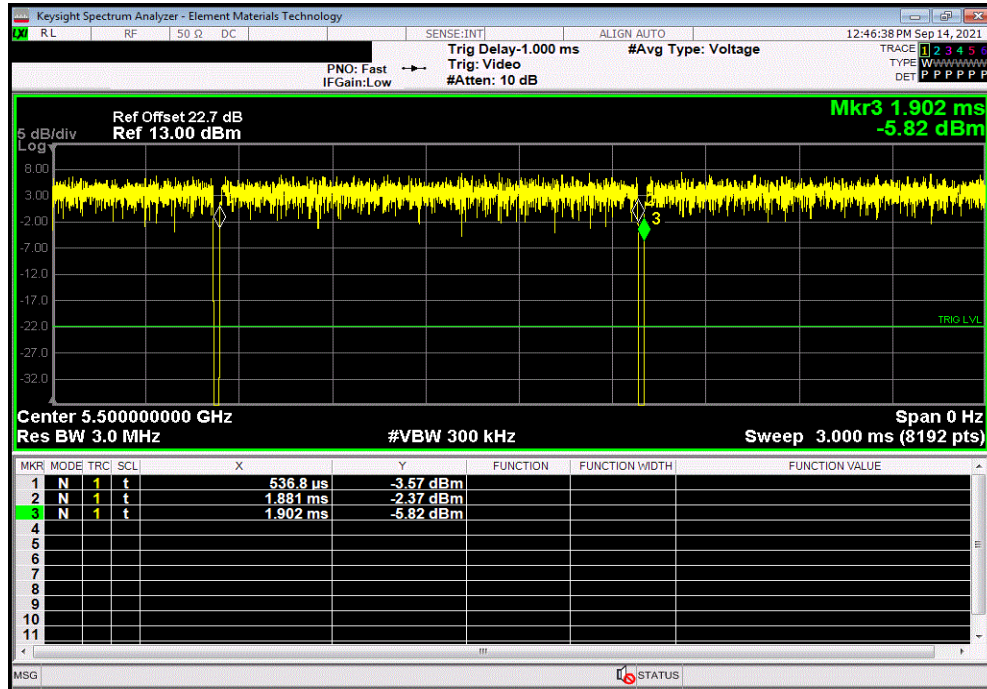


DUTY CYCLE - 5.6 GHz BAND

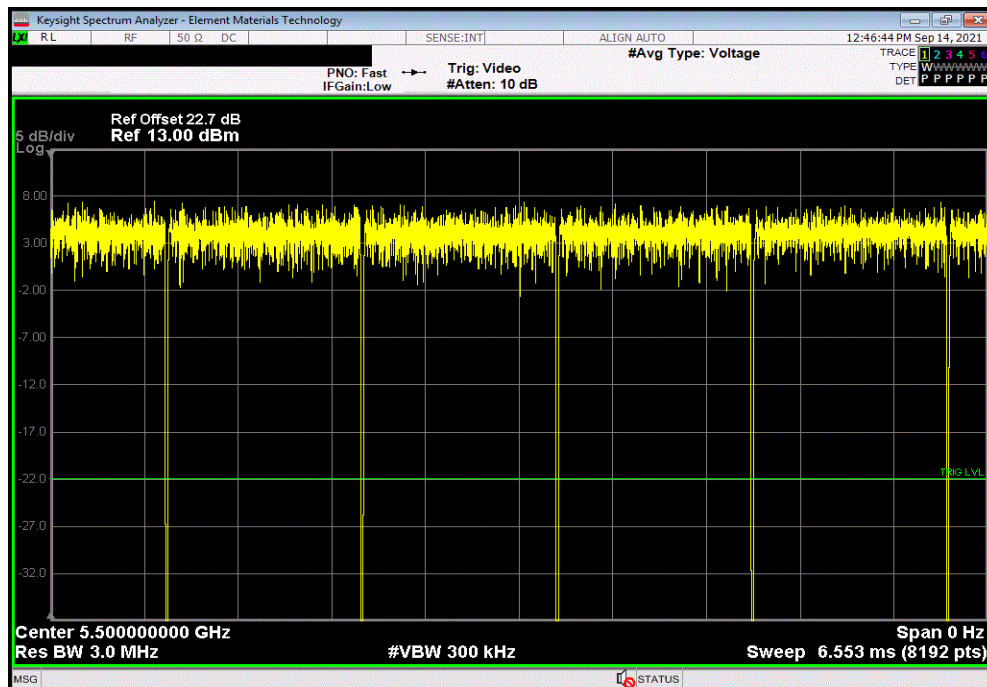


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT20, Low Channel, Ch 100 - 5500 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
1.345 ms	1.365 ms	1	98.5	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT20, Low Channel, Ch 100 - 5500 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	6	N/A	N/A (N/A)	N/A	



Keysight Spectrum Analyzer - Element Materials Technology

RL RF 50 Ω DC SENSE:INT ALIGN AUTO 10:45:29 AM Sep 15, 2021

PNO: Fast IFGain:Low Trig Delay-100.0 μ s #Avg Type: Voltage

Trig: Video #Atten: 10 dB

TRACE 1 2 3 4 5
TYPE WWWWWW
DET P P P P P

Ref Offset 22.7 dB
Ref 13.00 dBm

Mkr3 409.8 μ s
-7.70 dBm

5 dB/div
Log

Center 5.500000000 GHz
Res BW 3.0 MHz #VBW 300 kHz Span 0 Hz
Sweep 500.0 μ s (8192 pts)

MRK	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	216.4 μ s	-8.07 dBm			
2	N	1	f	389.2 μ s	-7.68 dBm			
3	N	1	f	409.8 μ s	-7.70 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Keysight Spectrum Analyzer - Element Materials Technology

10:45:36 AM Sep 15, 2021

R L RF 50 Ω DC SENSE:INT ALIGN AUTO

#Avg Type: Voltage

PNO: Fast IFGain:Low Trig: Video #Atten: 10 dB

TRACE 1 2 3 4 5
TYPE W W W W W W W W
DET P P P P P P P P

Ref Offset 22.7 dB
Ref 13.00 dBm

5 dB/div
Log

8.00
3.00
-2.00
-7.00
-12.0
-17.0
-22.0
-27.0
-32.0

TRIG LVL

Center 5.500000000 GHz
Res BW 3.0 MHz
Span 0 Hz
#VBW 300 kHz
Sweep 870.0 μ s (8192 pts)

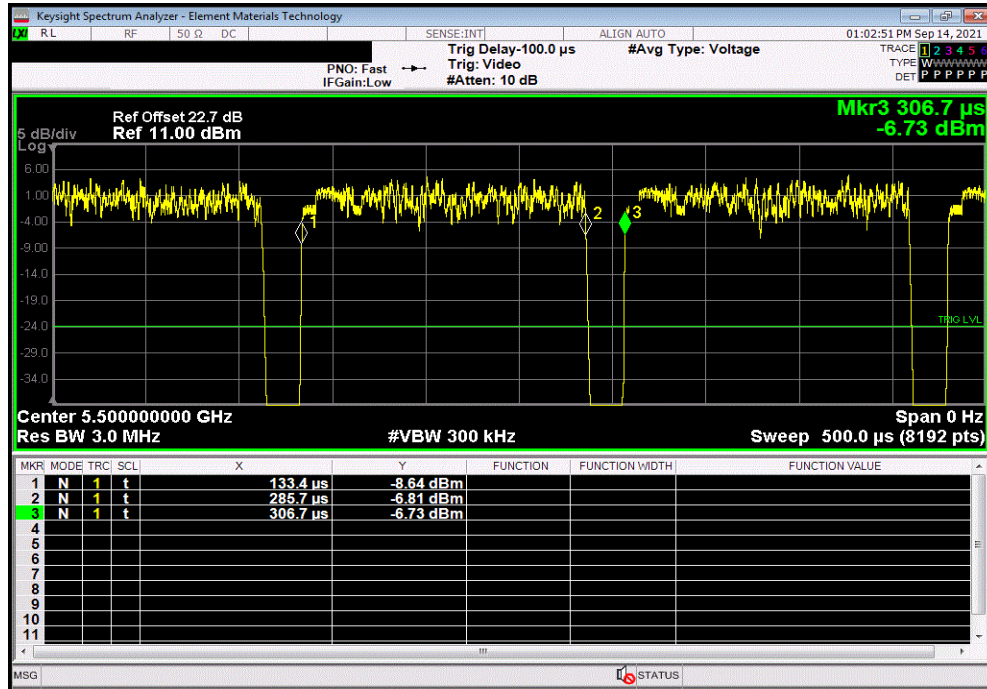
MSG STATUS

DUTY CYCLE - 5.6 GHz BAND

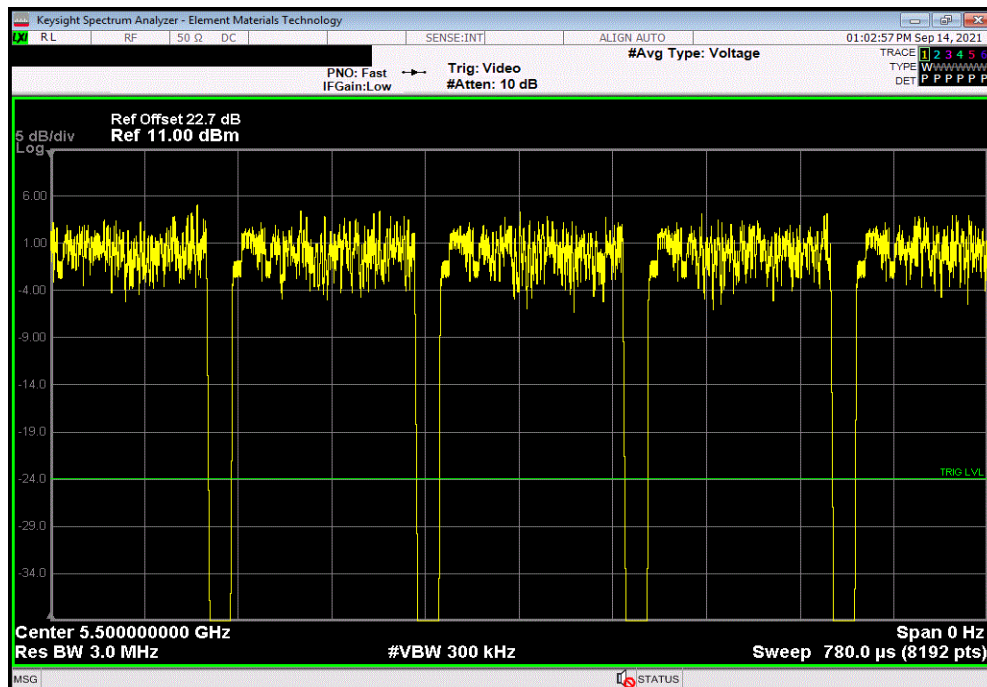


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT20, Low Channel, Ch 100 - 5500 MHz, MCS8 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
152.356 us	173.344 us	1	87.9	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT20, Low Channel, Ch 100 - 5500 MHz, MCS8 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

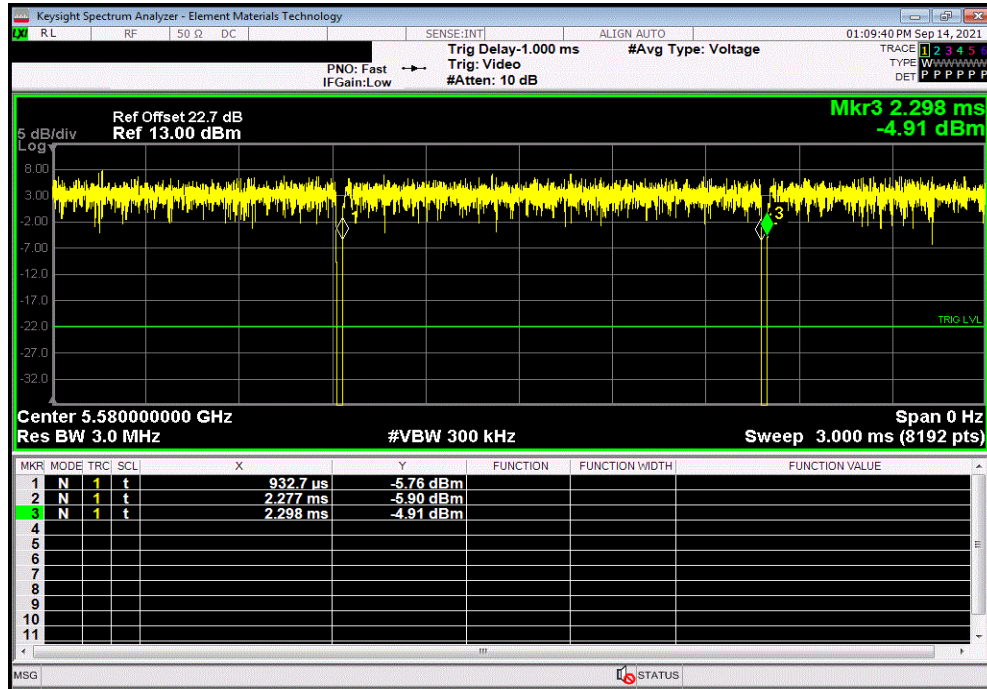


DUTY CYCLE - 5.6 GHz BAND

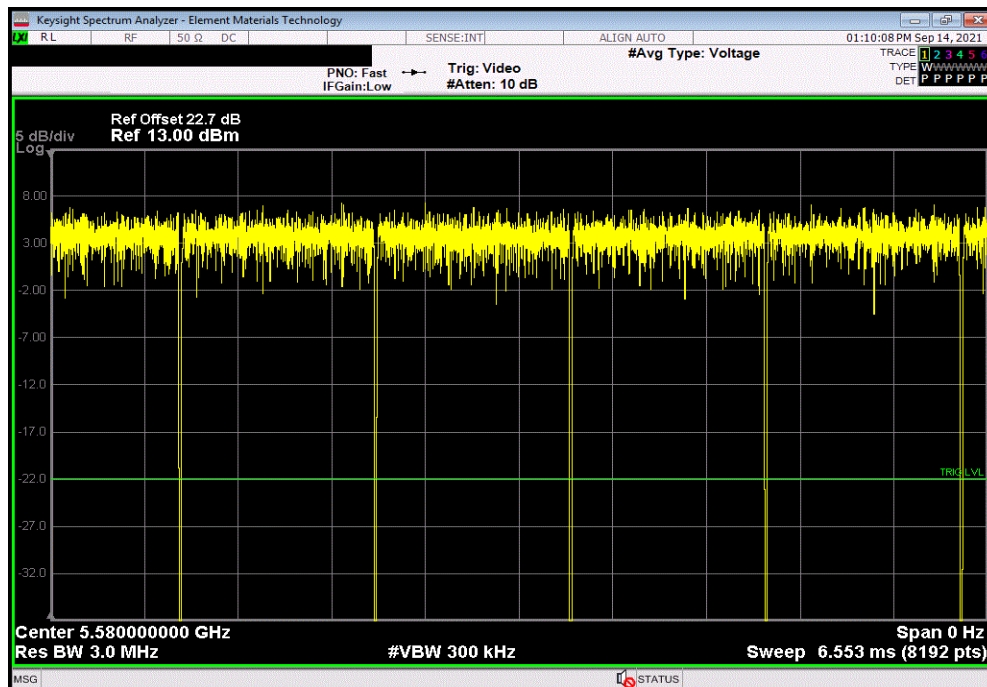


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT20, Mid Channel, Ch 116 - 5580 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
1.345 ms	1.365 ms	1	98.5	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT20, Mid Channel, Ch 116 - 5580 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	6	N/A	N/A (N/A)	N/A	

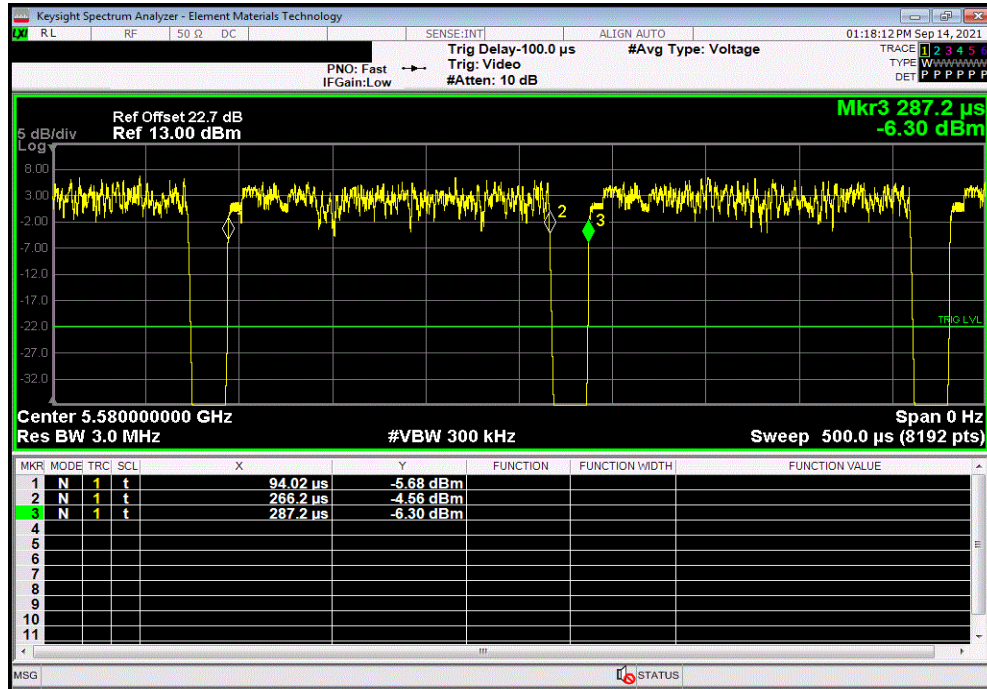


DUTY CYCLE - 5.6 GHz BAND

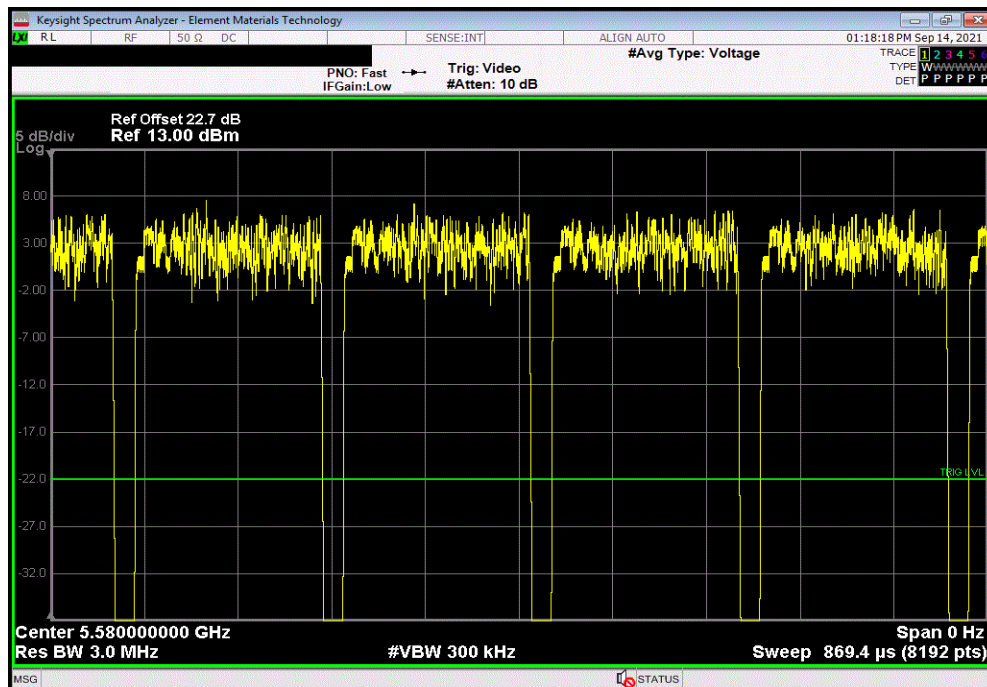


TbTtx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT20, Mid Channel, Ch 116 - 5580 MHz, MCS7						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
172.229 us	193.2 us	1	89.1	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT20, Mid Channel, Ch 116 - 5580 MHz, MCS7						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	6	N/A	N/A (N/A)	N/A	

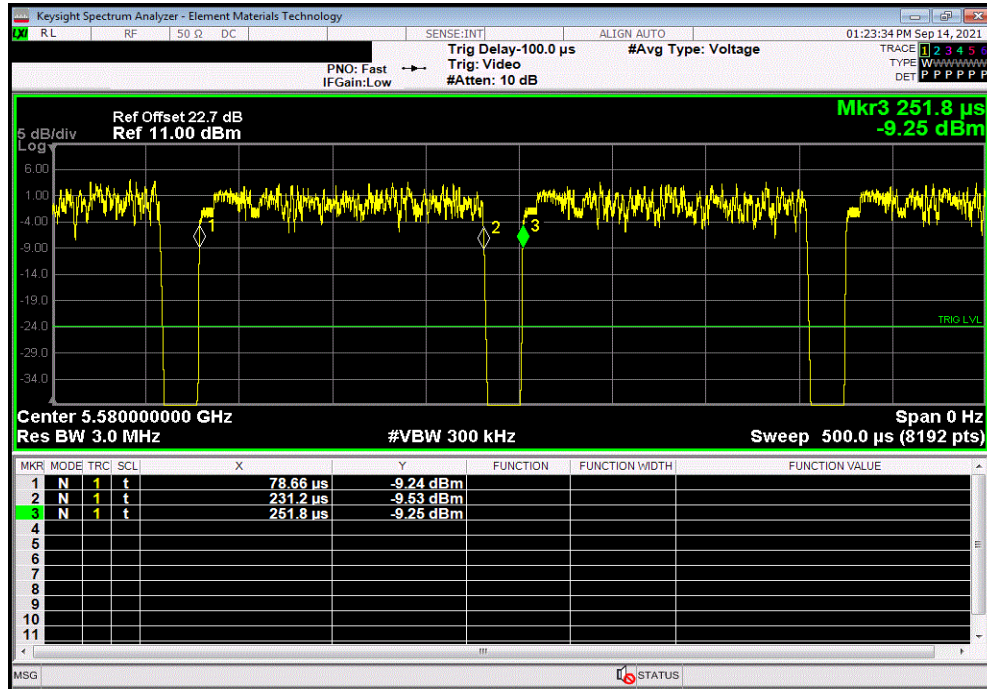


DUTY CYCLE - 5.6 GHz BAND

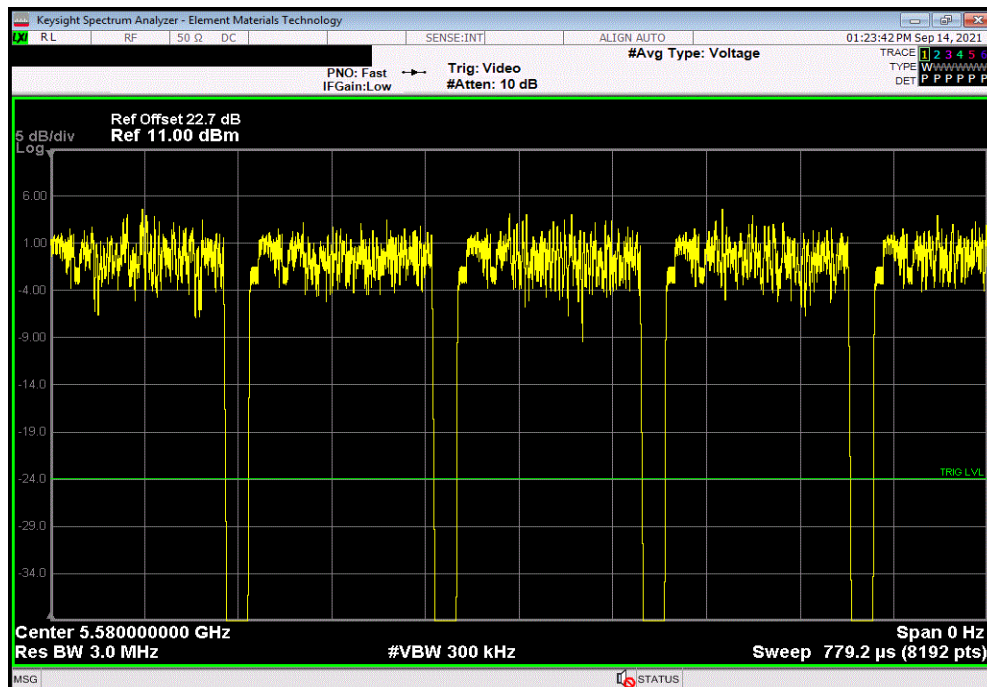


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT20, Mid Channel, Ch 116 - 5580 MHz, MCS8 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
152.533 us	173.161 us	1	88.1	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT20, Mid Channel, Ch 116 - 5580 MHz, MCS8 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

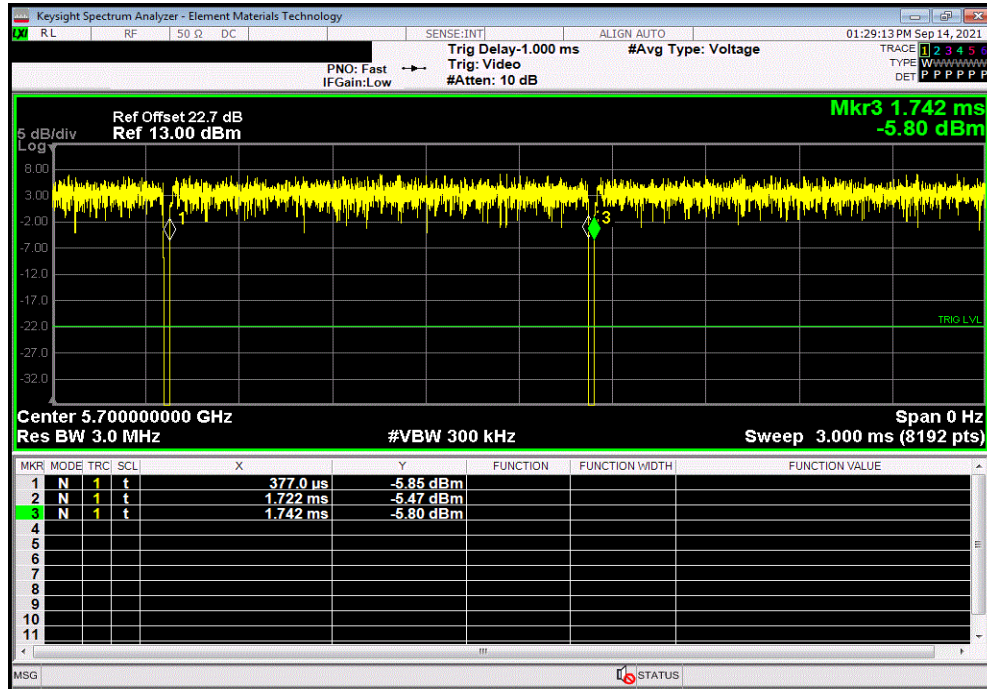


DUTY CYCLE - 5.6 GHz BAND

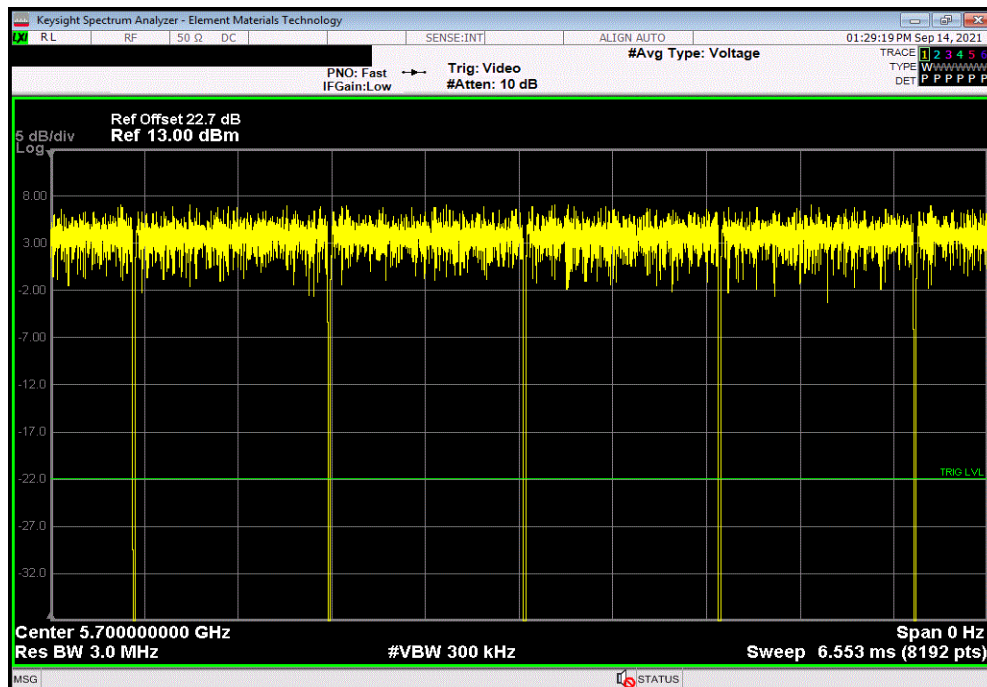


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT20, High Channel, Ch 140 - 5700 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
1.345 ms	1.365 ms	1	98.5	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT20, High Channel, Ch 140 - 5700 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	6	N/A	N/A (N/A)	N/A	

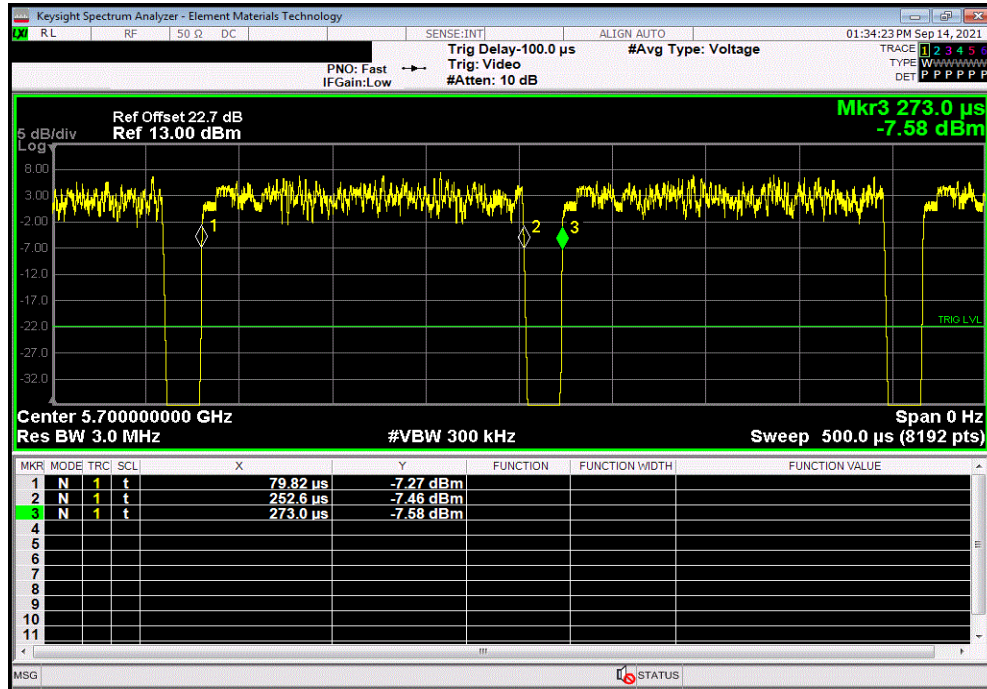


DUTY CYCLE - 5.6 GHz BAND

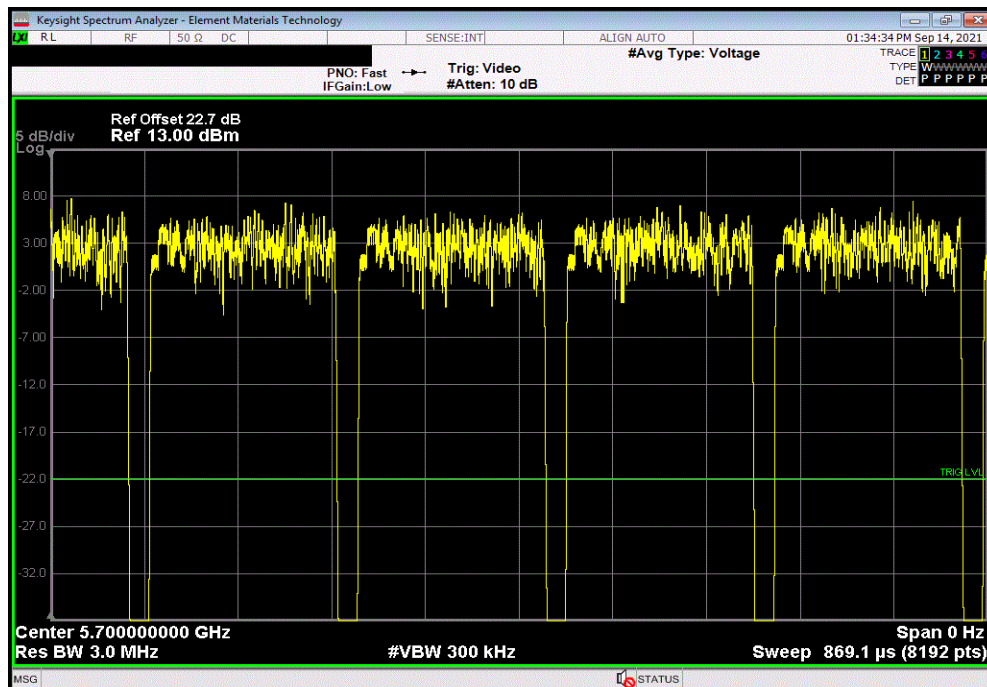


TbTtX 2021.03.19.1 XMR 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT20, High Channel, Ch 140 - 5700 MHz, MCS7						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
172.778 us	193.139 us	1	89.5	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT20, High Channel, Ch 140 - 5700 MHz, MCS7						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

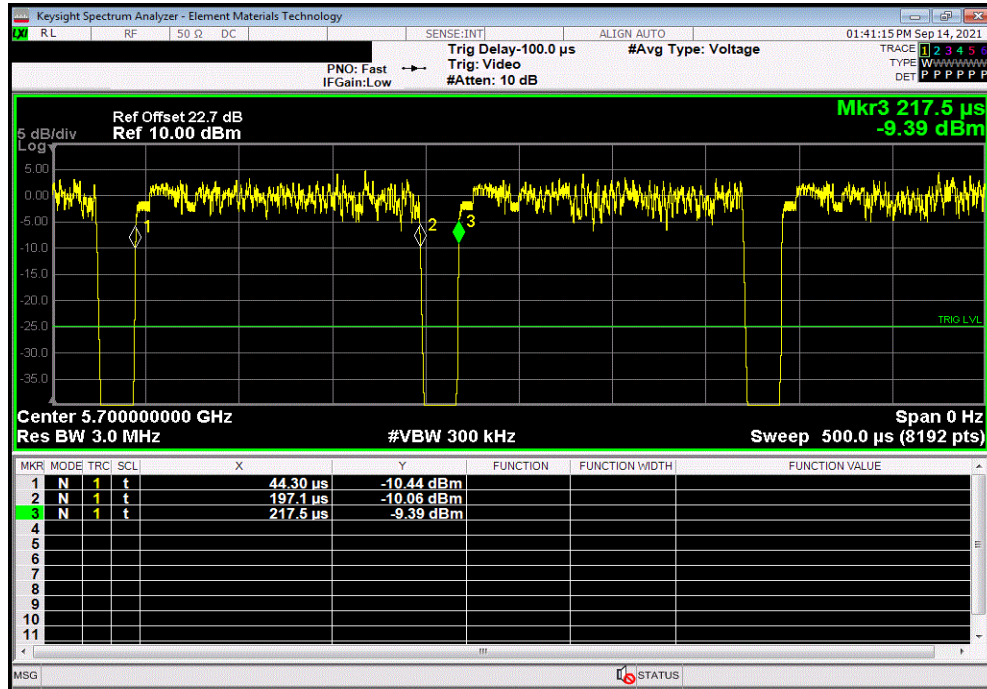


DUTY CYCLE - 5.6 GHz BAND

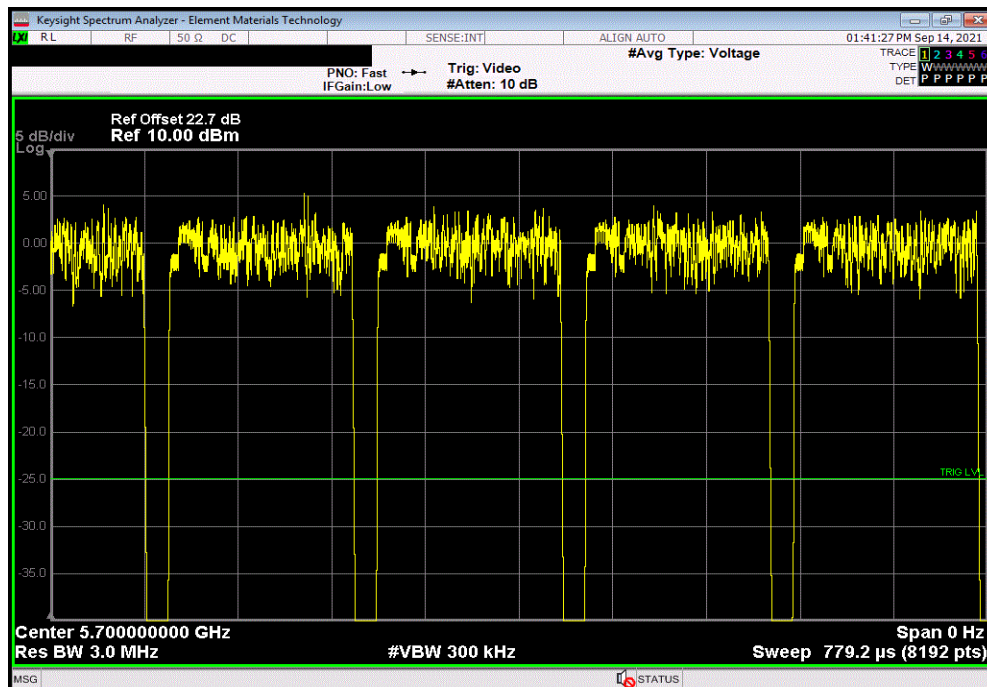


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT20, High Channel, Ch 140 - 5700 MHz, MCS8 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
152.761 us	173.161 us	1	88.2	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT20, High Channel, Ch 140 - 5700 MHz, MCS8 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

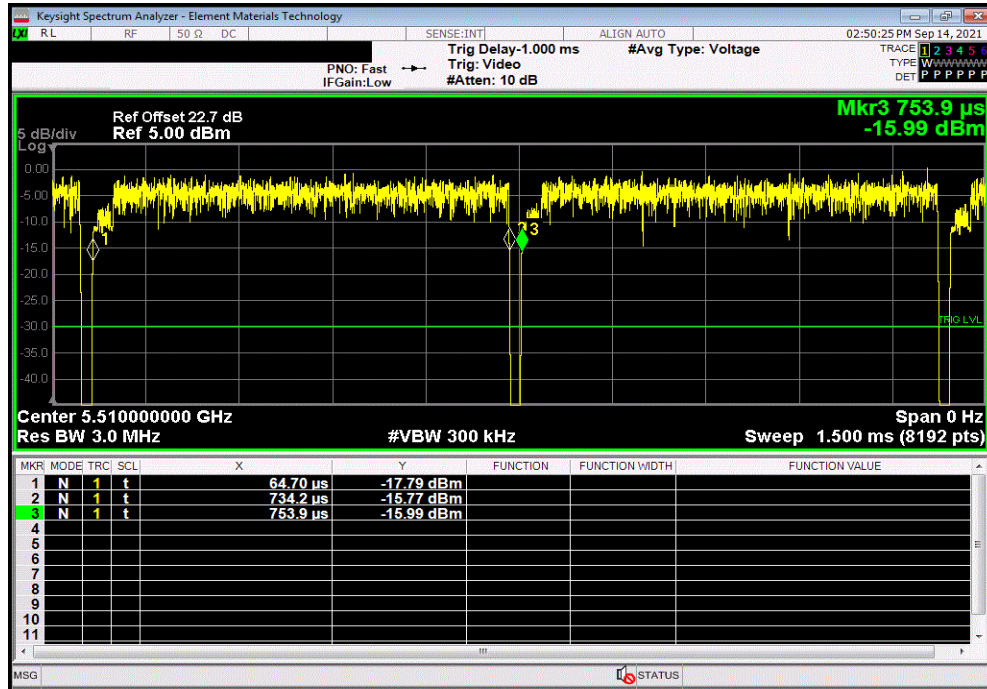


DUTY CYCLE - 5.6 GHz BAND

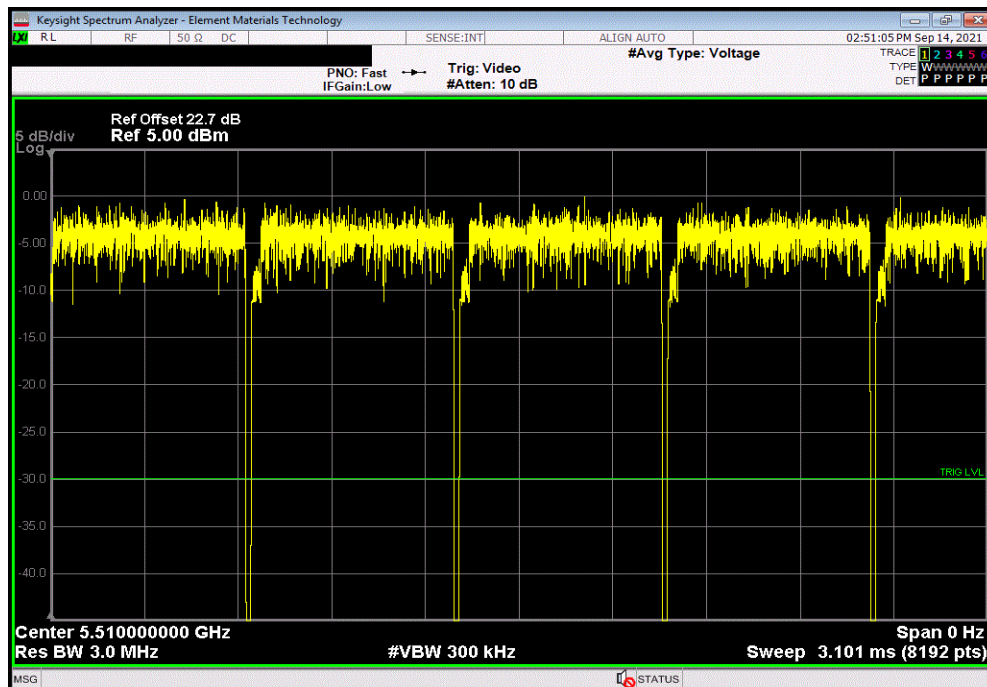


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Low Channel, Ch 100/104 - 5510 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
669.535 us	689.2 us	1	97.1	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Low Channel, Ch 100/104 - 5510 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

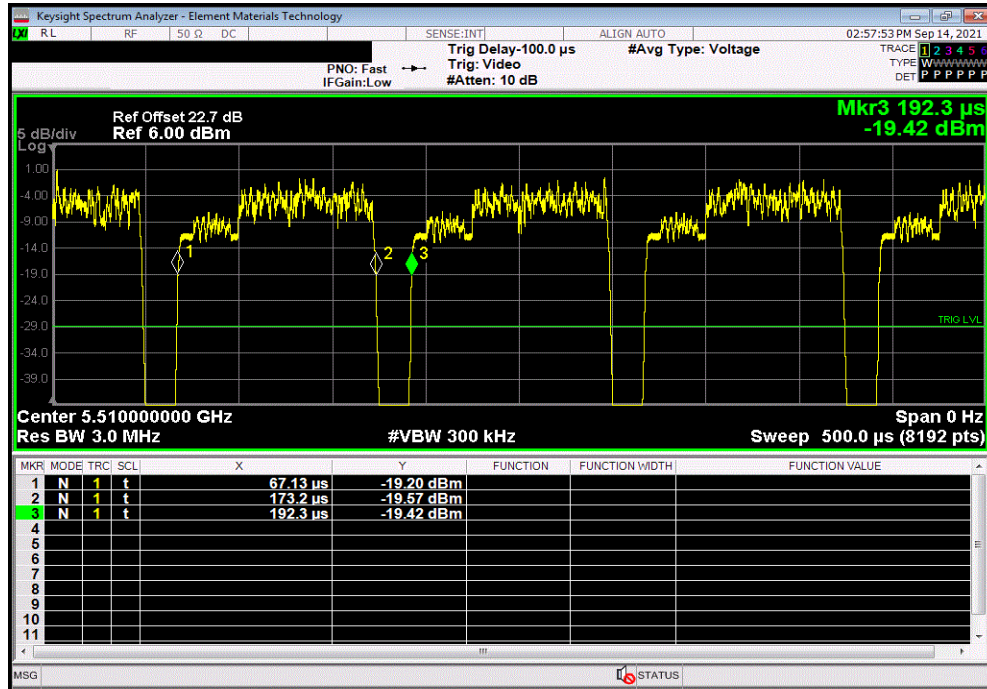


DUTY CYCLE - 5.6 GHz BAND

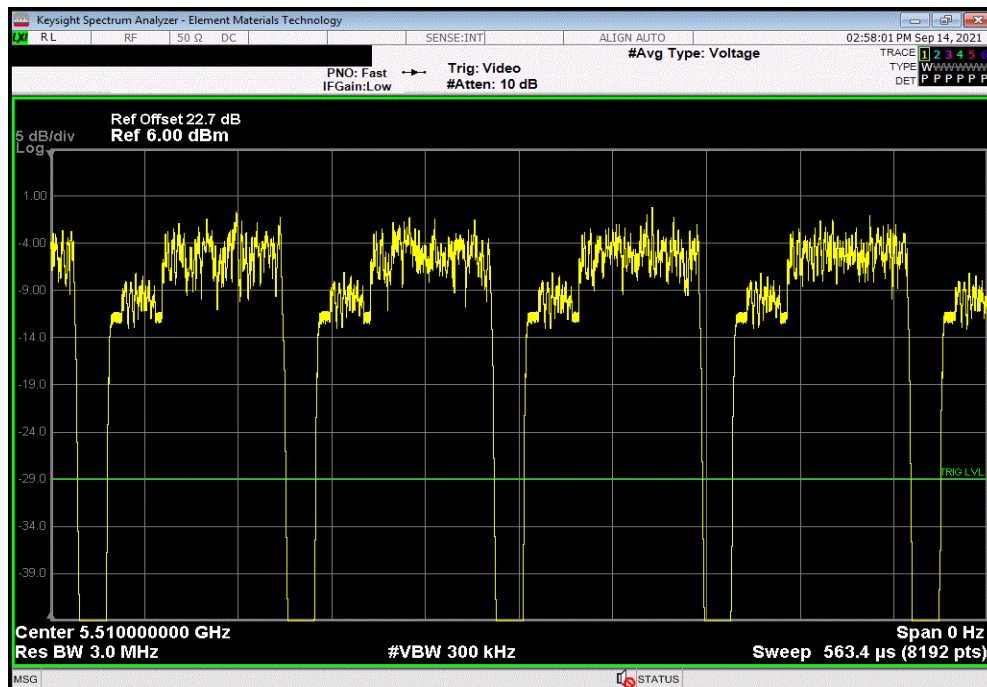


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Low Channel, Ch 100/104 - 5510 MHz, MCS7						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
106.061 us	125.2 us	1	84.7	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Low Channel, Ch 100/104 - 5510 MHz, MCS7						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

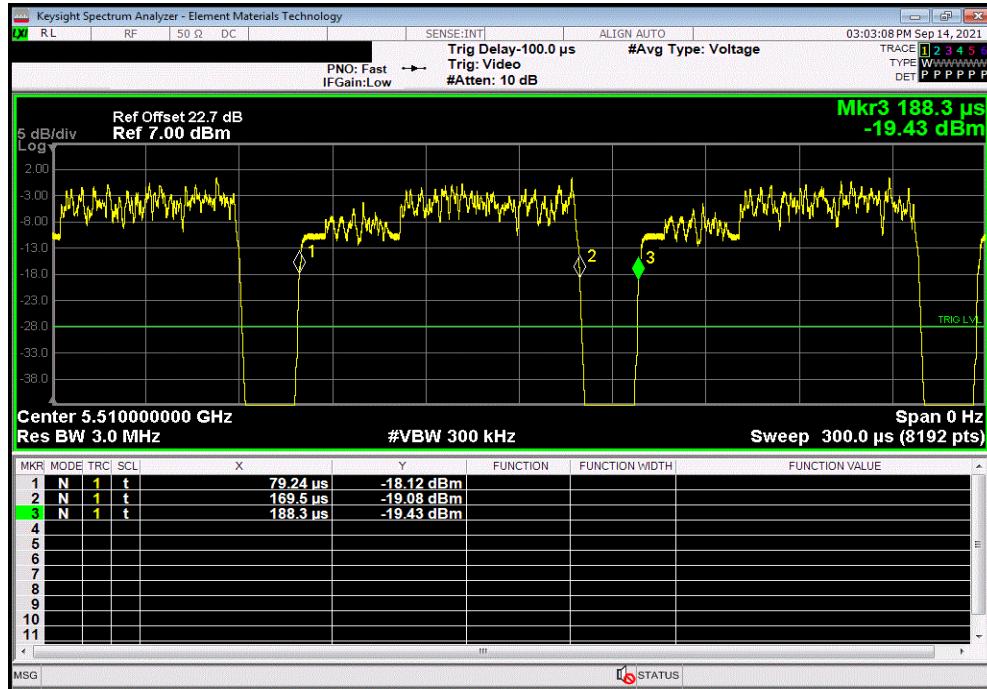


DUTY CYCLE - 5.6 GHz BAND

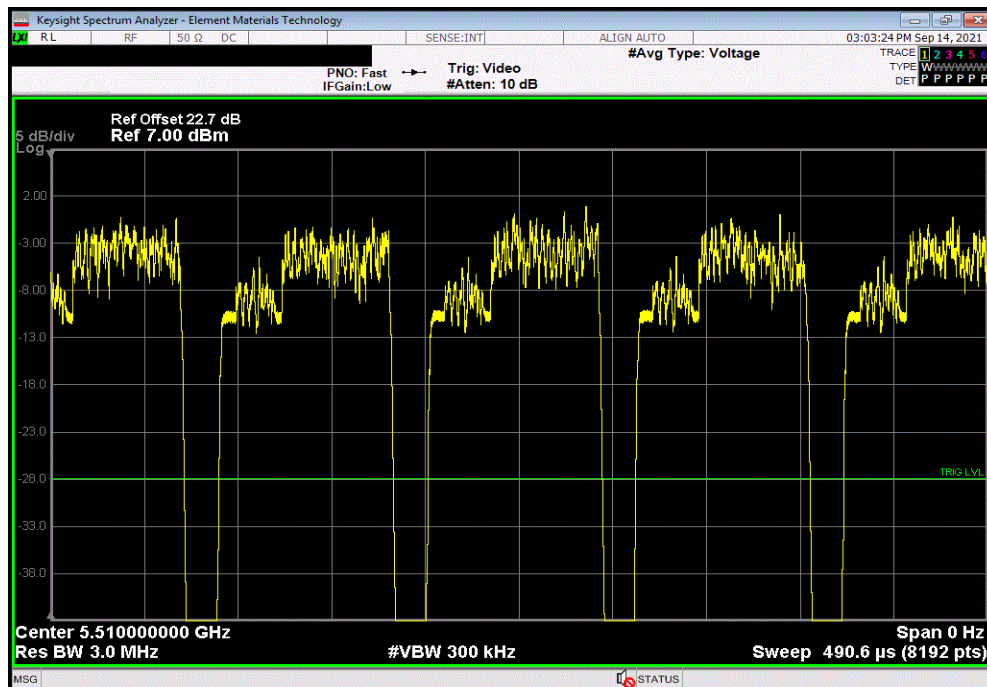


TbTtX 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Low Channel, Ch 100/104 - 5510 MHz, MCS9 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
90.216 us	109.03 us	1	82.7	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Low Channel, Ch 100/104 - 5510 MHz, MCS9 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

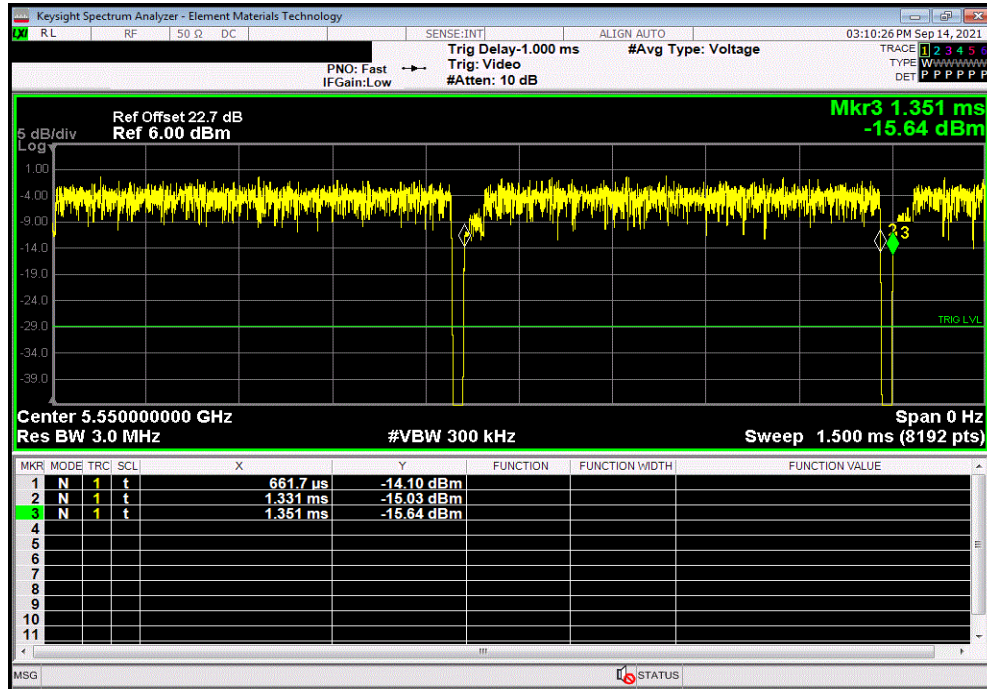


DUTY CYCLE - 5.6 GHz BAND

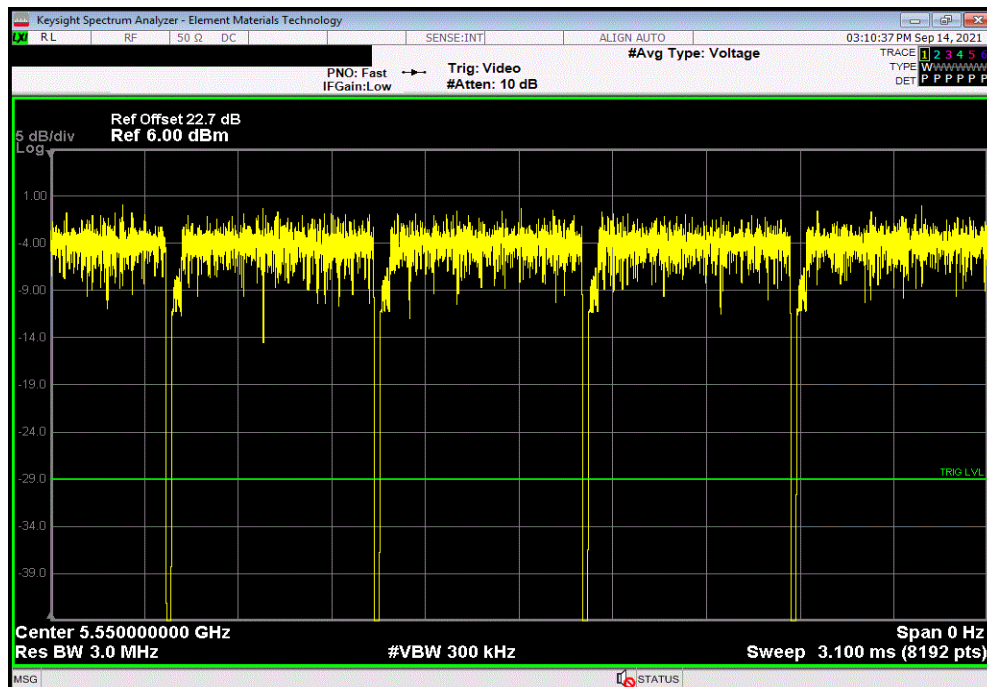


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Mid Channel, Ch 108/112 - 5550 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
669.101 us	688.881 us	1	97.1	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Mid Channel, Ch 108/112 - 5550 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

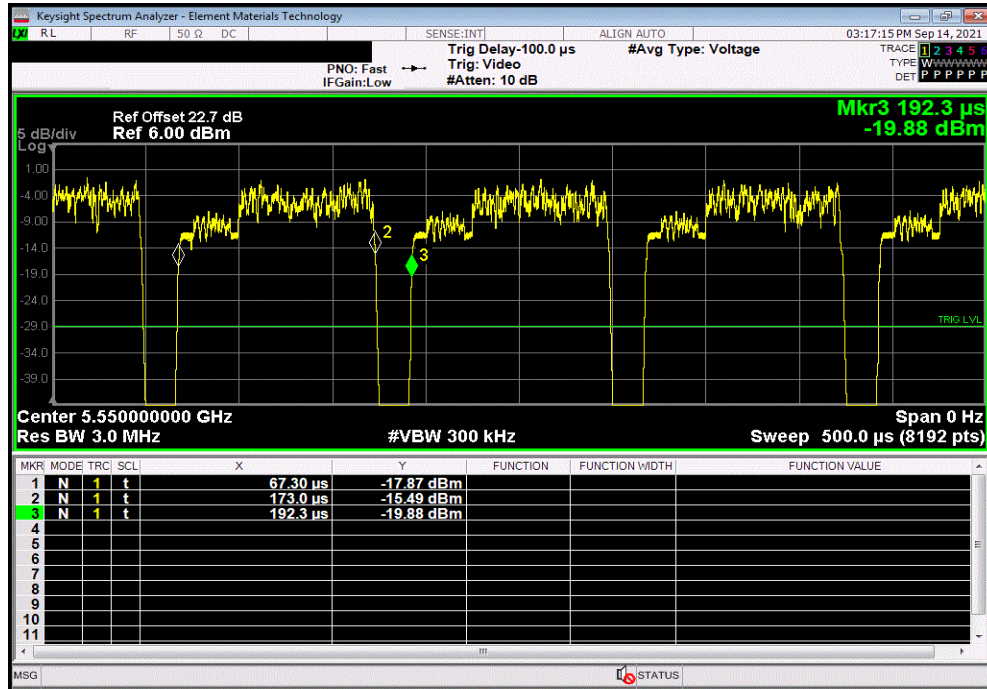


DUTY CYCLE - 5.6 GHz BAND

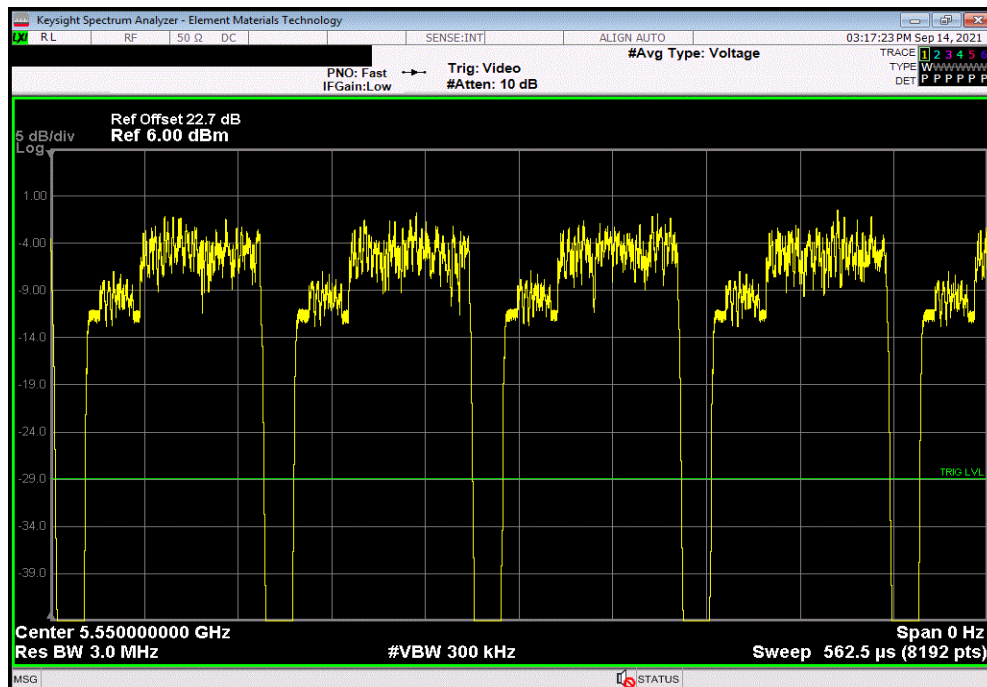


TbTtx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Mid Channel, Ch 108/112 - 5550 MHz, MCS7						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
105.7 us	125 us	1	84.6	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Mid Channel, Ch 108/112 - 5550 MHz, MCS7						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	6	N/A	N/A (N/A)	N/A	

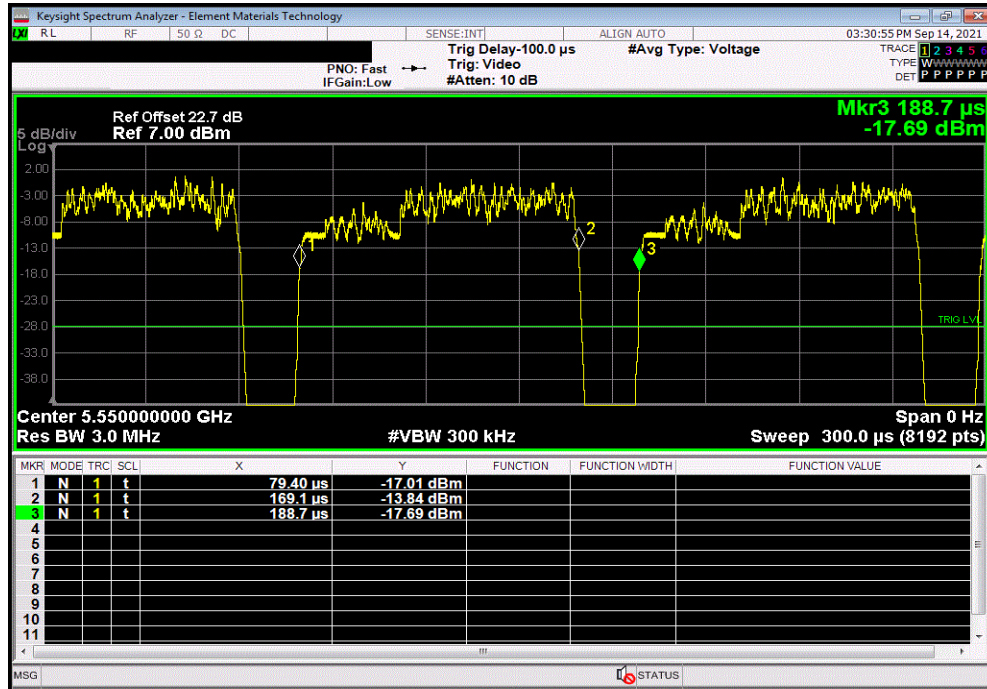


DUTY CYCLE - 5.6 GHz BAND

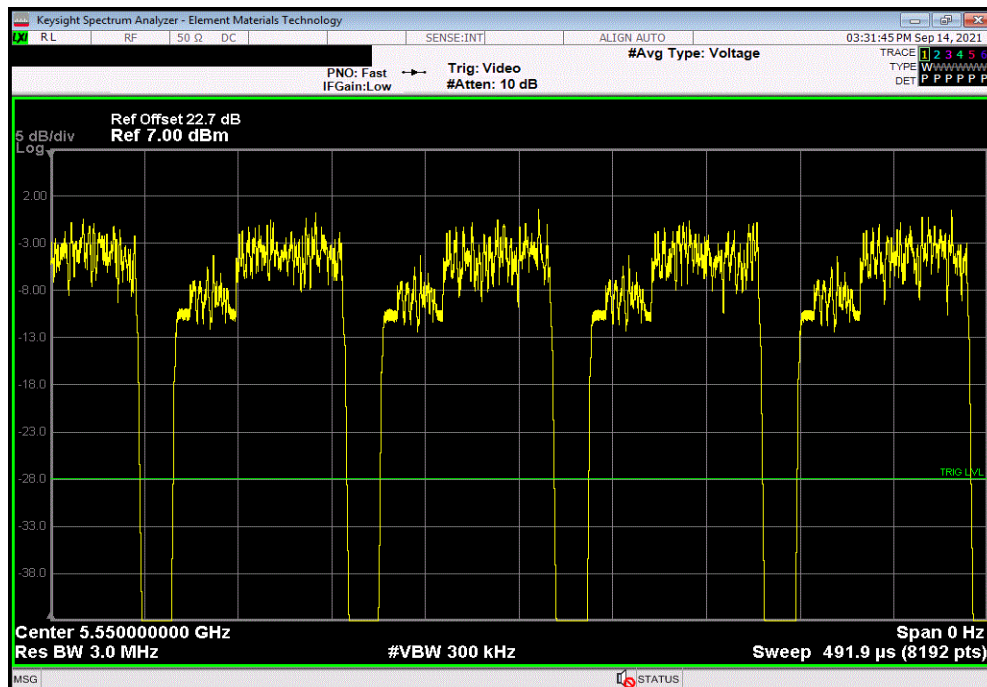


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Mid Channel, Ch 108/112 - 5550 MHz, MCS9 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
89.7 us	109.3 us	1	82.1	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT40, Mid Channel, Ch 108/112 - 5550 MHz, MCS9 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

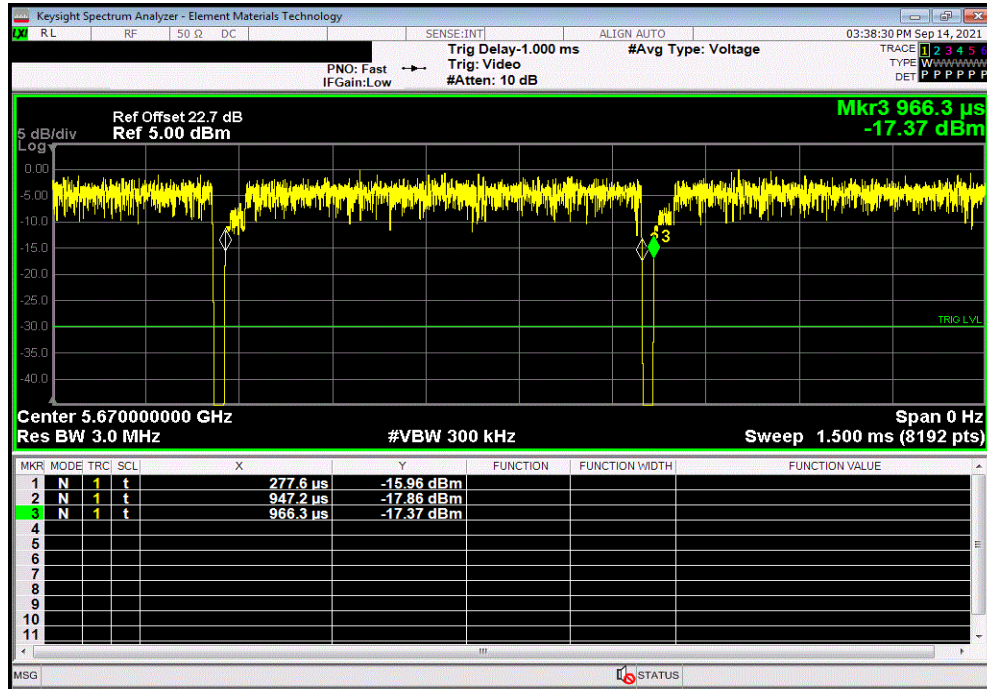


DUTY CYCLE - 5.6 GHz BAND

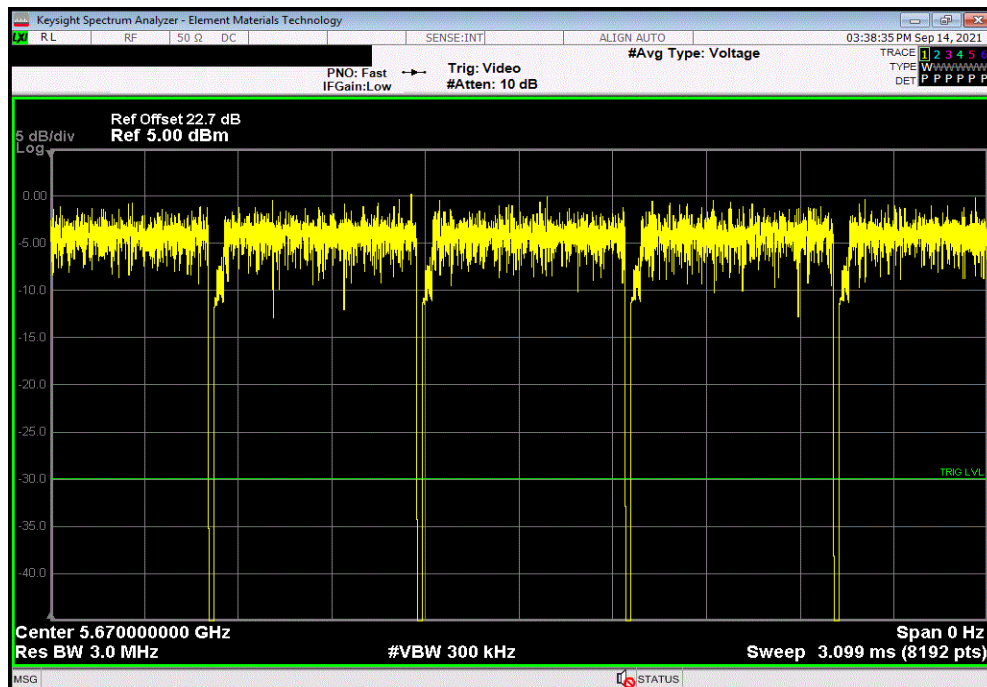


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT40, High Channel, Ch 132/136 - 5670 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
669.549 us	688.651 us	1	97.2	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT40, High Channel, Ch 132/136 - 5670 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

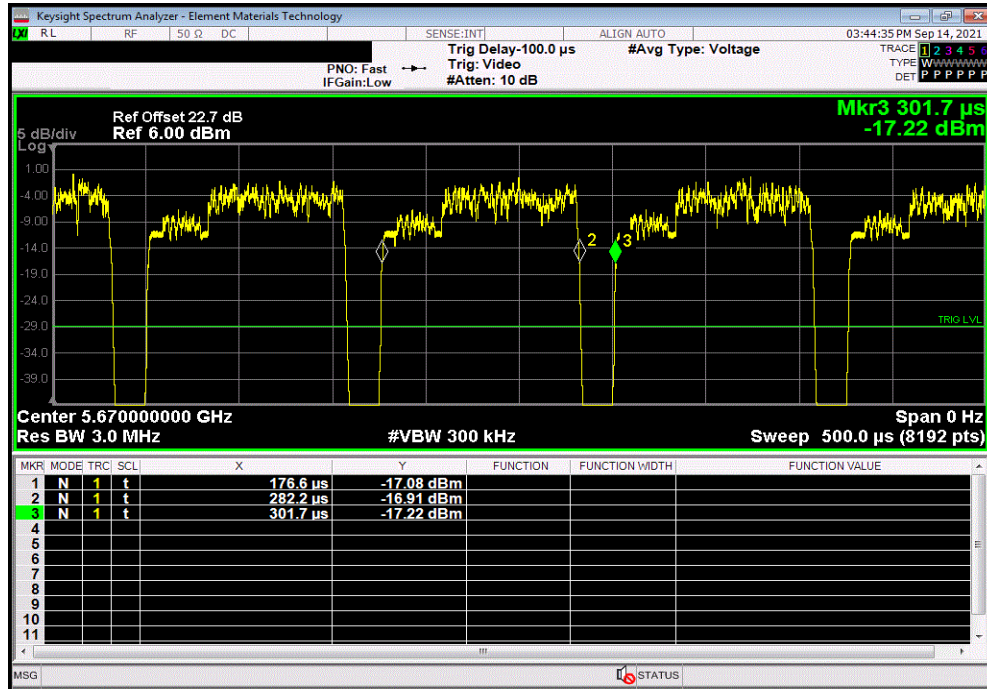


DUTY CYCLE - 5.6 GHz BAND

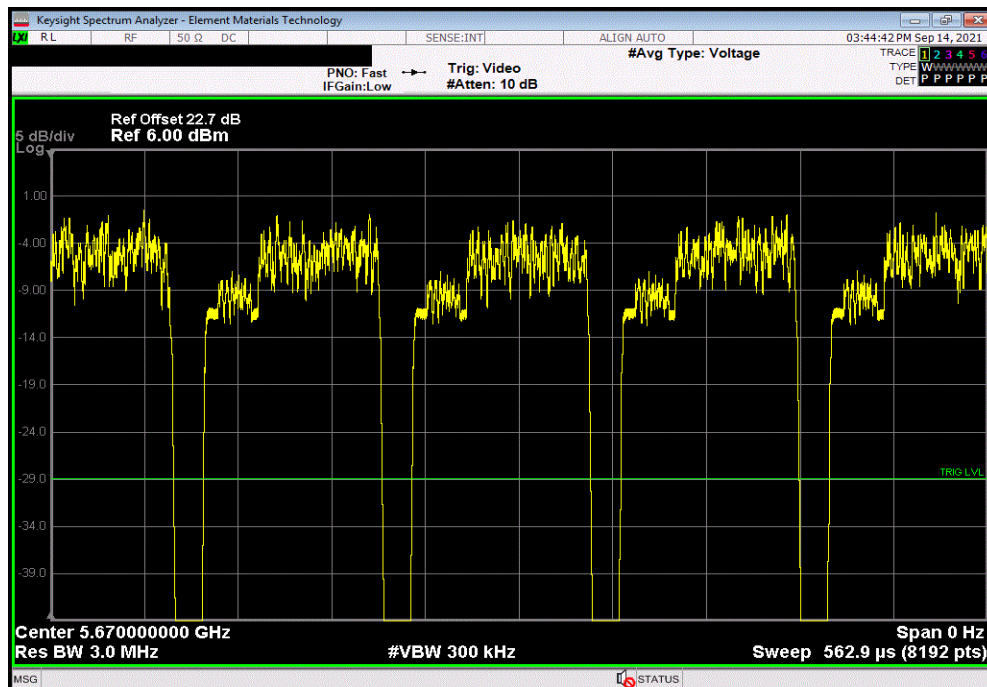


TbTtX 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT40, High Channel, Ch 132/136 - 5670 MHz, MCS7						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
105.601 us	125.084 us	1	84.4	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT40, High Channel, Ch 132/136 - 5670 MHz, MCS7						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

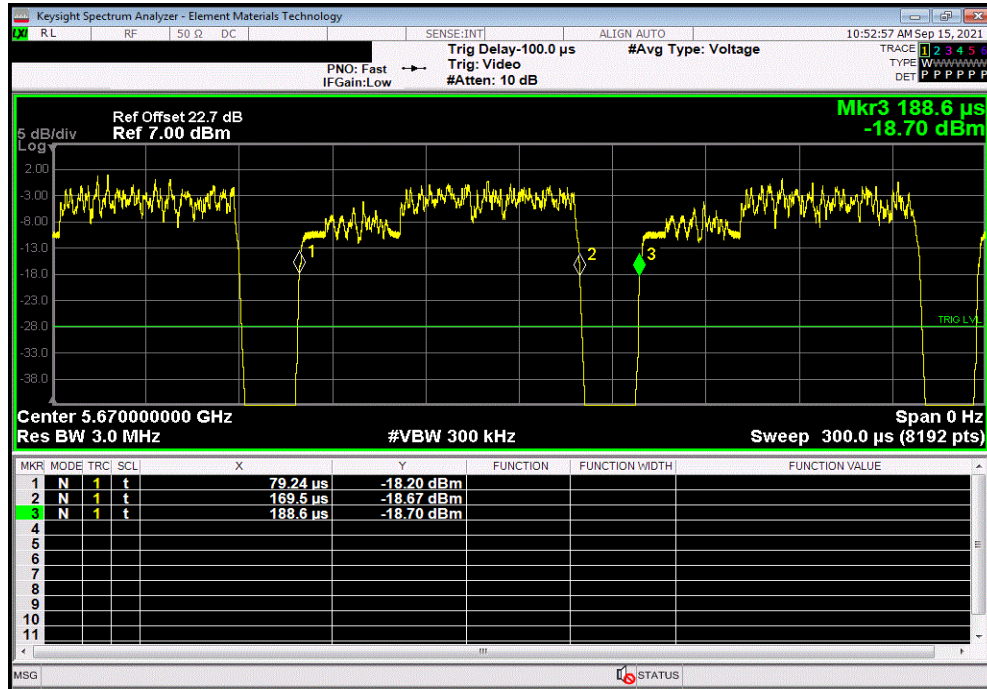


DUTY CYCLE - 5.6 GHz BAND

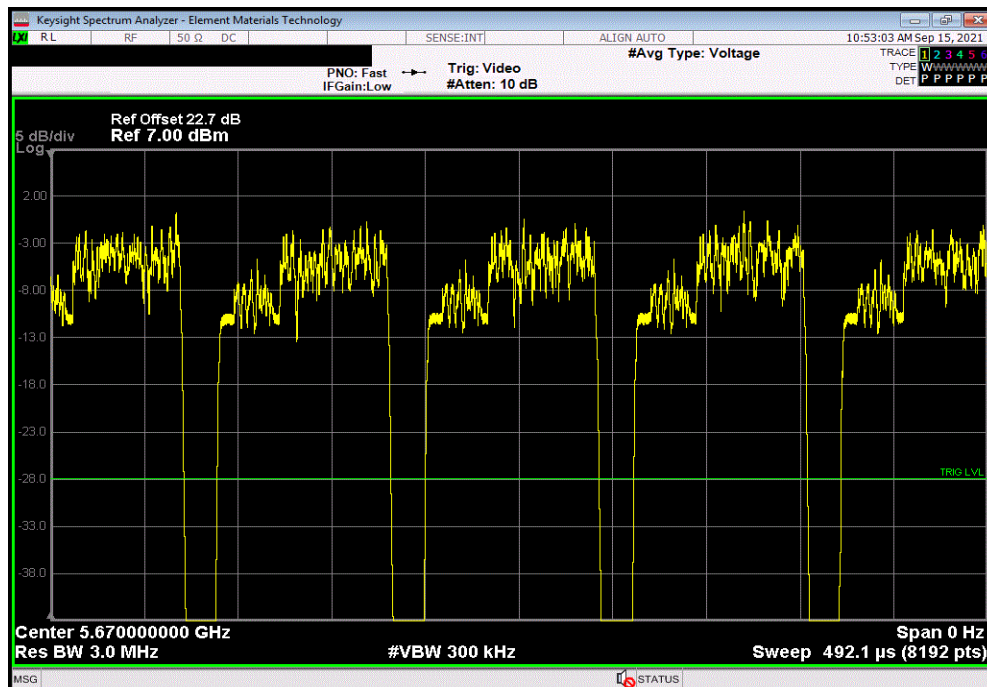


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT40, High Channel, Ch 132/136 - 5670 MHz, MCS9 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
90.259 us	109.366 us	1	82.5	N/A	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT40, High Channel, Ch 132/136 - 5670 MHz, MCS9 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A	N/A	

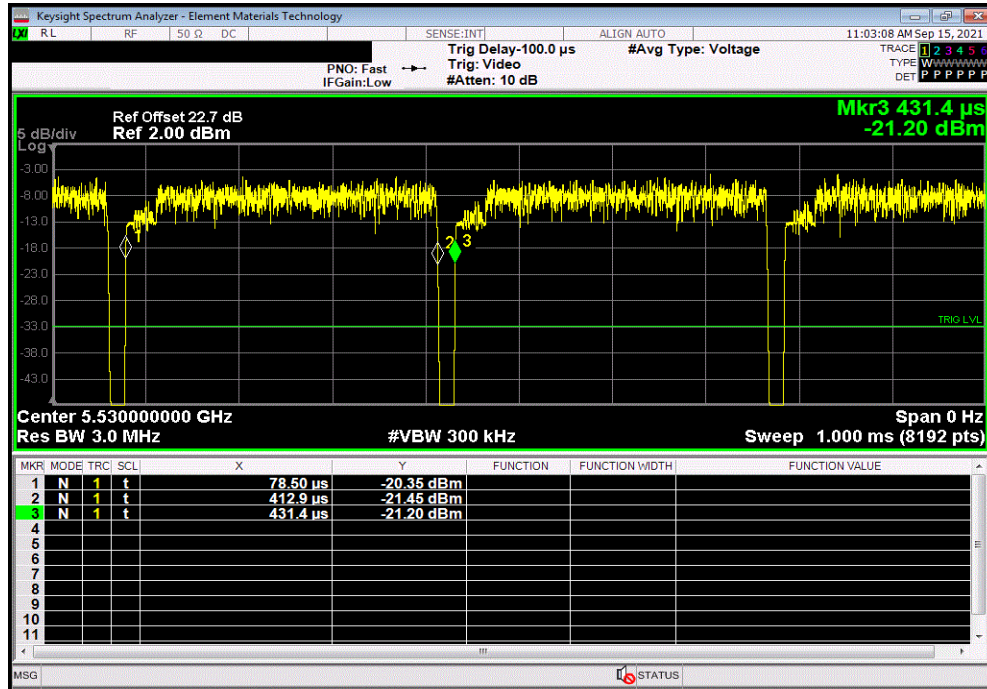


DUTY CYCLE - 5.6 GHz BAND

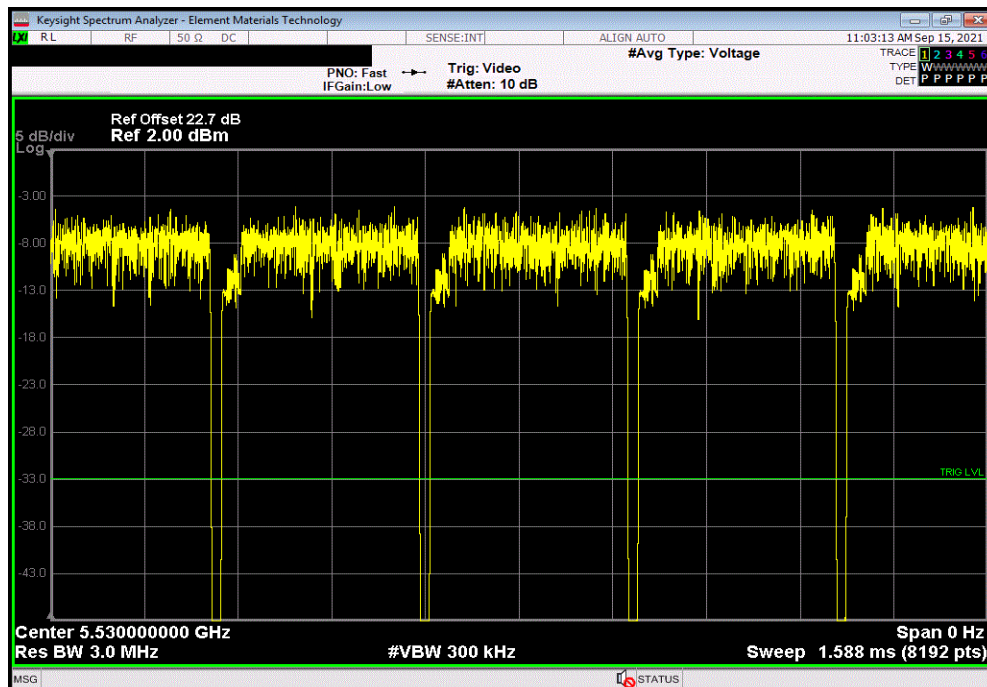


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT80, Low Channel, Ch 100-112 - 5530 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
334.4 μ s	352.9 μ s	1	94.8	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT80, Low Channel, Ch 100-112 - 5530 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

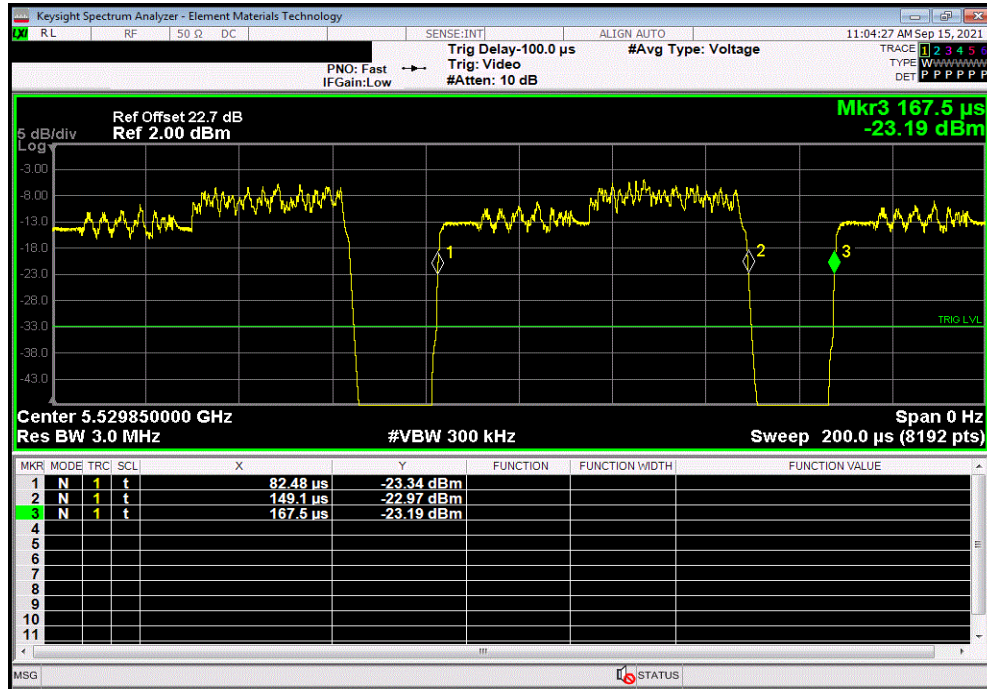


DUTY CYCLE - 5.6 GHz BAND

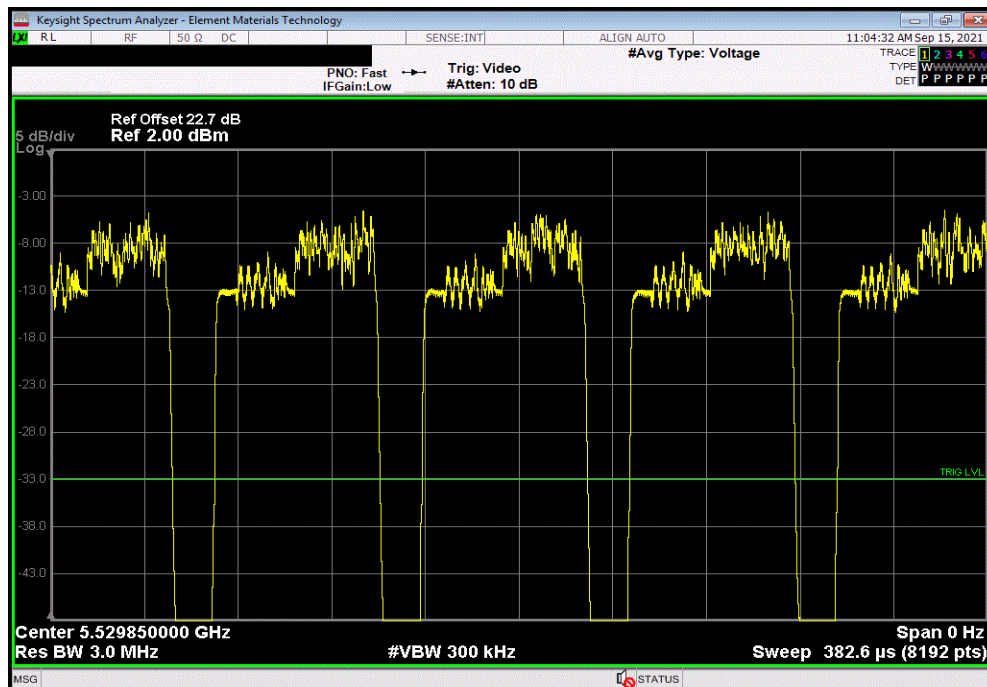


TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT80, Low Channel, Ch 100-112 - 5530 MHz, MCS9 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
66.615 us	85.027 us	1	78.3	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT80, Low Channel, Ch 100-112 - 5530 MHz, MCS9 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

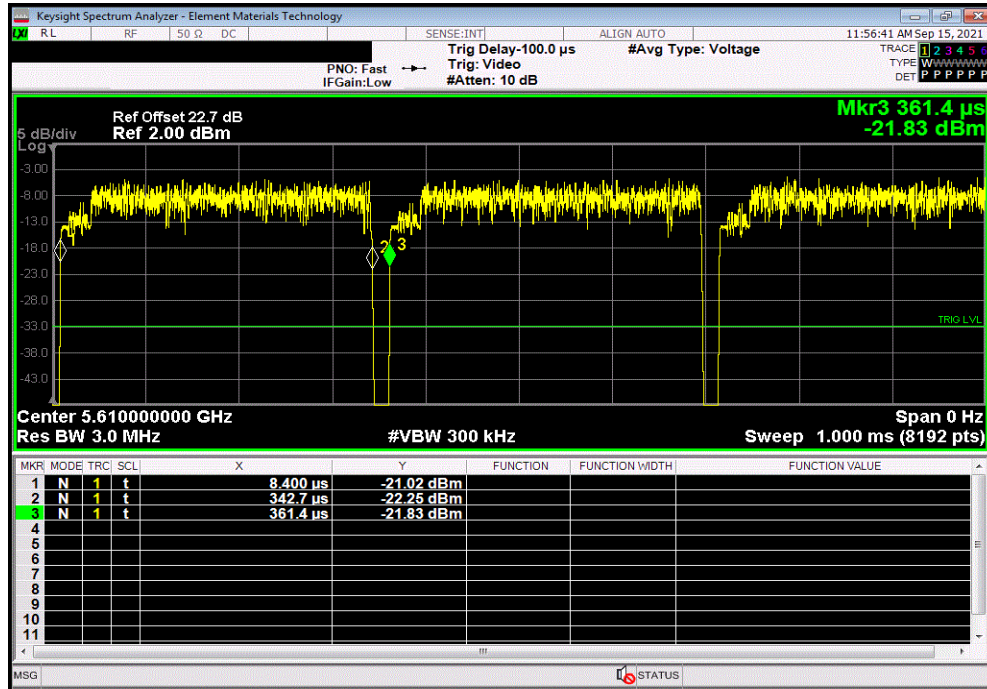


DUTY CYCLE - 5.6 GHz BAND

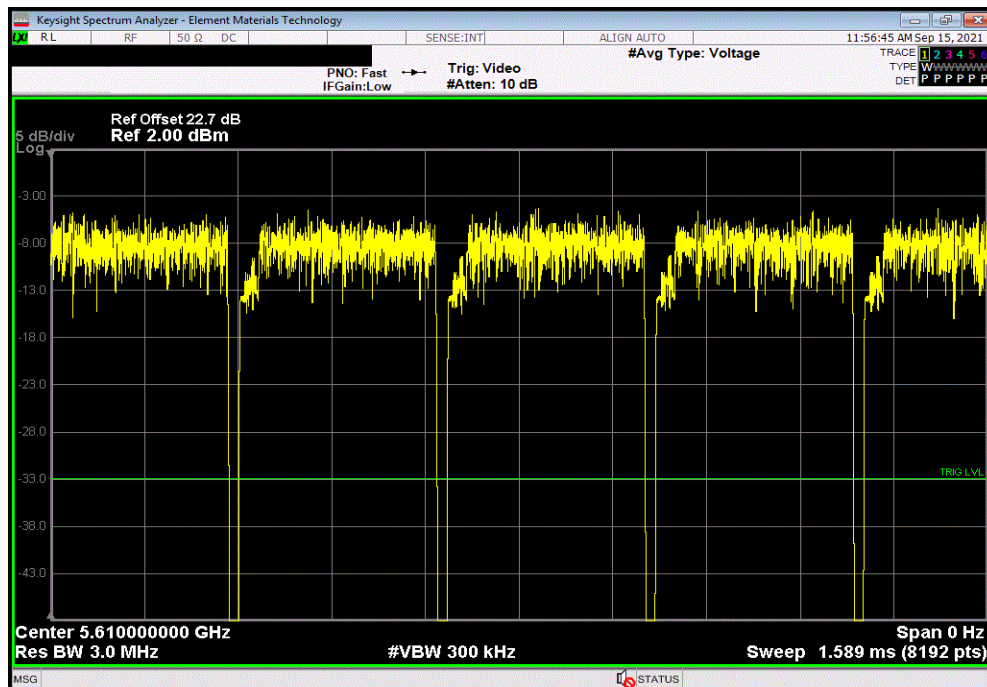


TbTtx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT80, High Channel, Ch 116-128 - 5610 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
334.3 μ s	353 μ s	1	94.7	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT80, High Channel, Ch 116-128 - 5610 MHz, MCS0						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

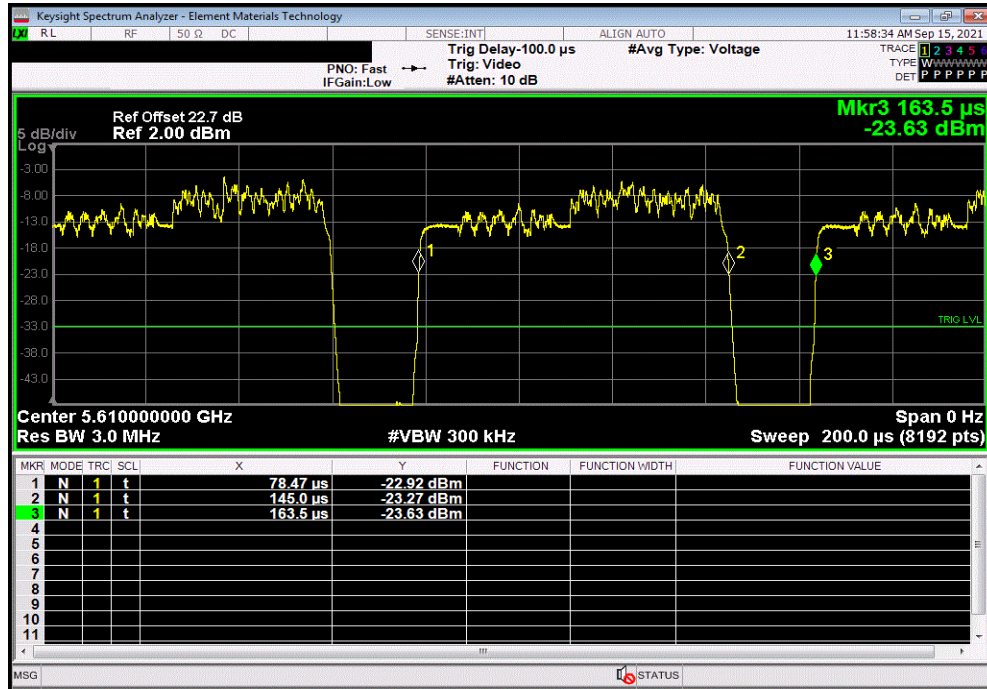


DUTY CYCLE - 5.6 GHz BAND



TbTx 2021.03.19.1 XMt 2020.12.30.0

5470 - 5725 MHz Band, 802.11(n/ac) VHT80, High Channel, Ch 116-128 - 5610 MHz, MCS9 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
66.493 us	85.051 us	1	78.2	N/A (N/A)	N/A	



5470 - 5725 MHz Band, 802.11(n/ac) VHT80, High Channel, Ch 116-128 - 5610 MHz, MCS9 (256-QAM)						
Pulse Width	Period	Number of Pulses	Value (%)	Limit	Results	
N/A	N/A	5	N/A	N/A (N/A)	N/A	

