

SPURIOUS CONDUCTED EMISSIONS

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	E4422B	TGQ	15-Mar-18	15-Mar-21
Block - DC	Fairview Microwave	SD3379	AMI	6-Aug-19	6-Aug-20
Attenuator	S.M. Electronics	SA26B-20	RFW	10-Feb-20	10-Feb-21
Cable	Micro-Coax	UFD150A-1-0720-200200	MNL	15-Sep-19	15-Sep-20
Analyzer - Spectrum Analyzer	Keysight	N9010A (EXA)	AFQ	21-Dec-19	21-Dec-20

TEST DESCRIPTION

The spurious RF conducted emissions were measured with the EUT set to low, medium and high transmit frequencies. The EUT was transmitting at the data rate(s) listed in the datasheet. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.

The limit is -30 dBc due to the output power being measured with an average method.

SPURIOUS CONDUCTED EMISSIONS



TMTx 2019.08.30.0 XMt 2020.03.25.0

EUT: New Telemetry Cable			Work Order: INSP0011			
Serial Number: P000026			Date: 1-Jun-20			
Customer: Inspire Medical Systems			Temperature: 24.7 °C			
Attendees: Darrell Wagner			Humidity: 50.6% RH			
Project: None			Barometric Pres.: 1012 mbar			
Tested by: Andrew Rogstad		Power: 120VAC/60Hz	Job Site: MN08			
TEST SPECIFICATIONS		Test Method				
FCC 15.247:2020		ANSI C63.10:2013				
COMMENTS						
Reference level offset includes measurement cable, DC block, and 20 dB attenuator.						
DEVIATIONS FROM TEST STANDARD						
None						
Configuration #	2	Signature 				
		Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result
20 MHz Bandwidth						
802.11(b) 1 Mbps						
	Low Channel 1, 2412 MHz	Fundamental	2414.57	N/A	N/A	N/A
	Low Channel 1, 2412 MHz	30 MHz - 12.5 GHz	3216.39	-52.23	-30	Pass
	Low Channel 1, 2412 MHz	12.5 GHz - 25 GHz	24519.29	-58.51	-30	Pass
	Mid Channel 6, 2437 MHz	Fundamental	2439.57	N/A	N/A	N/A
	Mid Channel 6, 2437 MHz	30 MHz - 12.5 GHz	3249.88	-52.79	-30	Pass
	Mid Channel 6, 2437 MHz	12.5 GHz - 25 GHz	24018.74	-57.88	-30	Pass
	High Channel 11, 2462 MHz	Fundamental	2464.58	N/A	N/A	N/A
	High Channel 11, 2462 MHz	30 MHz - 12.5 GHz	818.6	-58.26	-30	Pass
	High Channel 11, 2462 MHz	12.5 GHz - 25 GHz	24974.06	-58.22	-30	Pass
802.11(b) 11 Mbps						
	Low Channel 1, 2412 MHz	Fundamental	2412.38	N/A	N/A	N/A
	Low Channel 1, 2412 MHz	30 MHz - 12.5 GHz	806.43	-58.69	-30	Pass
	Low Channel 1, 2412 MHz	12.5 GHz - 25 GHz	24067.57	-57.49	-30	Pass
	Mid Channel 6, 2437 MHz	Fundamental	2437.39	N/A	N/A	N/A
	Mid Channel 6, 2437 MHz	30 MHz - 12.5 GHz	3249.88	-58.41	-30	Pass
	Mid Channel 6, 2437 MHz	12.5 GHz - 25 GHz	23817.3	-57.13	-30	Pass
	High Channel 11, 2462 MHz	Fundamental	2462.38	N/A	N/A	N/A
	High Channel 11, 2462 MHz	30 MHz - 12.5 GHz	820.13	-58.71	-30	Pass
	High Channel 11, 2462 MHz	12.5 GHz - 25 GHz	24980.16	-57.08	-30	Pass
802.11(g) 6 Mbps						
	Low Channel 1, 2412 MHz	Fundamental	2418.85	N/A	N/A	N/A
	Low Channel 1, 2412 MHz	30 MHz - 12.5 GHz	2386.68	-51.3	-30	Pass
	Low Channel 1, 2412 MHz	12.5 GHz - 25 GHz	23649.43	-52.26	-30	Pass
	Mid Channel 6, 2437 MHz	Fundamental	2443.85	N/A	N/A	N/A
	Mid Channel 6, 2437 MHz	30 MHz - 12.5 GHz	3249.88	-52.8	-30	Pass
	Mid Channel 6, 2437 MHz	12.5 GHz - 25 GHz	24375.84	-52.18	-30	Pass
	High Channel 11, 2462 MHz	Fundamental	2468.85	N/A	N/A	N/A
	High Channel 11, 2462 MHz	30 MHz - 12.5 GHz	3283.37	-53.86	-30	Pass
	High Channel 11, 2462 MHz	12.5 GHz - 25 GHz	24116.41	-51.83	-30	Pass
802.11(g) 36 Mbps						
	Low Channel 1, 2412 MHz	Fundamental	2407.58	N/A	N/A	N/A
	Low Channel 1, 2412 MHz	30 MHz - 12.5 GHz	3216.39	-47.93	-30	Pass
	Low Channel 1, 2412 MHz	12.5 GHz - 25 GHz	23773.04	-50.37	-30	Pass
	Mid Channel 6, 2437 MHz	Fundamental	2432.6	N/A	N/A	N/A
	Mid Channel 6, 2437 MHz	30 MHz - 12.5 GHz	3249.88	-48.92	-30	Pass
	Mid Channel 6, 2437 MHz	12.5 GHz - 25 GHz	24951.17	-49.25	-30	Pass
	High Channel 11, 2462 MHz	Fundamental	2457.6	N/A	N/A	N/A
	High Channel 11, 2462 MHz	30 MHz - 12.5 GHz	3283.37	-51.06	-30	Pass
	High Channel 11, 2462 MHz	12.5 GHz - 25 GHz	24183.56	-50.17	-30	Pass
802.11(g) 54 Mbps						
	Low Channel 1, 2412 MHz	Fundamental	2406.42	N/A	N/A	N/A
	Low Channel 1, 2412 MHz	30 MHz - 12.5 GHz	3216.39	-46.09	-30	Pass
	Low Channel 1, 2412 MHz	12.5 GHz - 25 GHz	23736.42	-49.07	-30	Pass
	Mid Channel 6, 2437 MHz	Fundamental	2431.41	N/A	N/A	N/A
	Mid Channel 6, 2437 MHz	30 MHz - 12.5 GHz	3249.88	-45.85	-30	Pass
	Mid Channel 6, 2437 MHz	12.5 GHz - 25 GHz	24996.95	-48.85	-30	Pass
	High Channel 11, 2462 MHz	Fundamental	2456.42	N/A	N/A	N/A
	High Channel 11, 2462 MHz	30 MHz - 12.5 GHz	3283.37	-47.75	-30	Pass
	High Channel 11, 2462 MHz	12.5 GHz - 25 GHz	23576.18	-48.43	-30	Pass
802.11(n) MCS0						
	Low Channel 1, 2412 MHz	Fundamental	2411.37	N/A	N/A	N/A
	Low Channel 1, 2412 MHz	30 MHz - 12.5 GHz	2385.16	-51.79	-30	Pass
	Low Channel 1, 2412 MHz	12.5 GHz - 25 GHz	23860.03	-52.14	-30	Pass
	Mid Channel 6, 2437 MHz	Fundamental	2436.37	N/A	N/A	N/A
	Mid Channel 6, 2437 MHz	30 MHz - 12.5 GHz	3249.88	-53.83	-30	Pass
	Mid Channel 6, 2437 MHz	12.5 GHz - 25 GHz	24154.56	-52.51	-30	Pass
	High Channel 11, 2462 MHz	Fundamental	2461.36	N/A	N/A	N/A
	High Channel 11, 2462 MHz	30 MHz - 12.5 GHz	3283.37	-53.48	-30	Pass
	High Channel 11, 2462 MHz	12.5 GHz - 25 GHz	23895.13	-51	-30	Pass
802.11(n) MCS7						
	Low Channel 1, 2412 MHz	Fundamental	2411.38	N/A	N/A	N/A
	Low Channel 1, 2412 MHz	30 MHz - 12.5 GHz	3216.39	-39.45	-30	Pass
	Low Channel 1, 2412 MHz	12.5 GHz - 25 GHz	23831.03	-46.83	-30	Pass
	Mid Channel 6, 2437 MHz	Fundamental	2436.37	N/A	N/A	N/A
	Mid Channel 6, 2437 MHz	30 MHz - 12.5 GHz	3249.88	-40.35	-30	Pass
	Mid Channel 6, 2437 MHz	12.5 GHz - 25 GHz	23927.18	-46.92	-30	Pass
	High Channel 11, 2462 MHz	Fundamental	2461.38	N/A	N/A	N/A
	High Channel 11, 2462 MHz	30 MHz - 12.5 GHz	3283.37	-40.91	-30	Pass
	High Channel 11, 2462 MHz	12.5 GHz - 25 GHz	24717.68	-47.45	-30	Pass
40 MHz Bandwidth						
802.11(n) MCS0						
	Low Channel 1/5, 2422 MHz	Fundamental	2432.65	N/A	N/A	N/A
	Low Channel 1/5, 2422 MHz	30 MHz - 12.5 GHz	2377.54	-46.32	-30	Pass
	Low Channel 1/5, 2422 MHz	12.5 GHz - 25 GHz	23918.02	-49.07	-30	Pass
	Mid Channel 4/8, 2437 MHz	Fundamental	2448.28	N/A	N/A	N/A

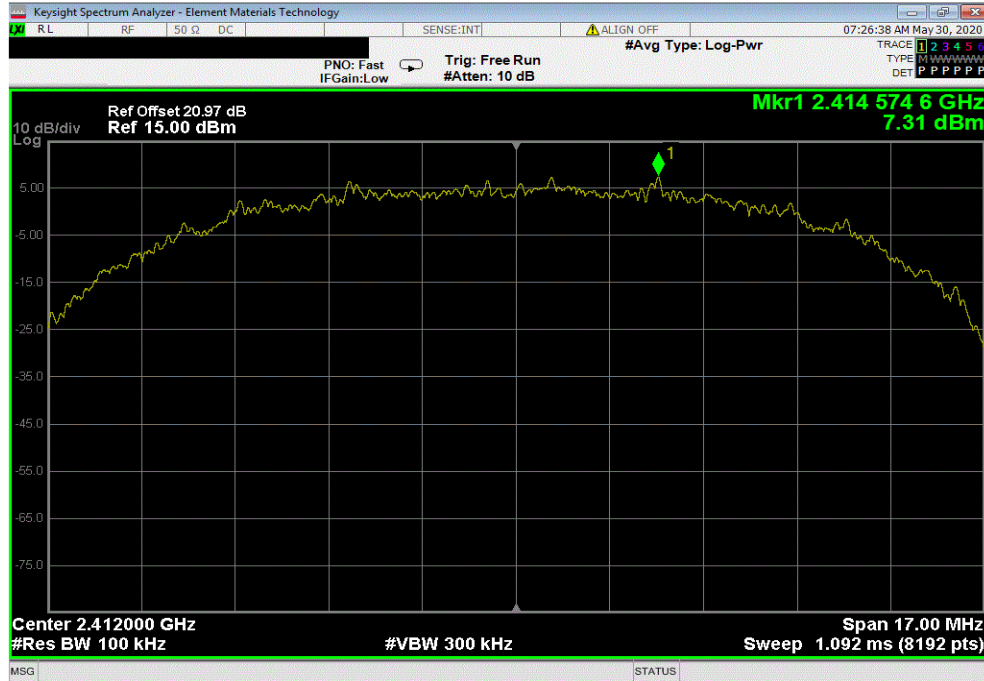
High Channel 11, 2462 MHz	Fundamental	2457.6	N/A	N/A	N/A
High Channel 11, 2462 MHz	30 MHz - 12.5 GHz	3283.37	-51.06	-30	Pass
Mid Channel 4/8, 2437 MHz	30 MHz - 12.5 GHz	3249.88	-48.97	-30	Pass
Mid Channel 4/8, 2437 MHz	12.5 GHz - 25 GHz	24017.21	-48.79	-30	Pass
High Channel 7/11, 2452 MHz	Fundamental	2462.66	N/A	N/A	N/A
High Channel 7/11, 2452 MHz	30 MHz - 12.5 GHz	30	-50.65	-30	Pass
High Channel 7/11, 2452 MHz	12.5 GHz - 25 GHz	24928.27	-48.59	-30	Pass
802.11(n) MCS7					
Low Channel 1/5, 2422 MHz	Fundamental	2436.47	N/A	N/A	N/A
Low Channel 1/5, 2422 MHz	30 MHz - 12.5 GHz	3230.09	-40.82	-30	Pass
Low Channel 1/5, 2422 MHz	12.5 GHz - 25 GHz	24426.2	-44.31	-30	Pass
Mid Channel 4/8, 2437 MHz	Fundamental	2451.48	N/A	N/A	N/A
Mid Channel 4/8, 2437 MHz	30 MHz - 12.5 GHz	3249.88	-41.45	-30	Pass
Mid Channel 4/8, 2437 MHz	12.5 GHz - 25 GHz	23954.65	-44.09	-30	Pass
High Channel 7/11, 2452 MHz	Fundamental	2466.48	N/A	N/A	N/A
High Channel 7/11, 2452 MHz	30 MHz - 12.5 GHz	3269.67	-42.07	-30	Pass
High Channel 7/11, 2452 MHz	12.5 GHz - 25 GHz	24995.42	-43.97	-30	Pass

SPURIOUS CONDUCTED EMISSIONS

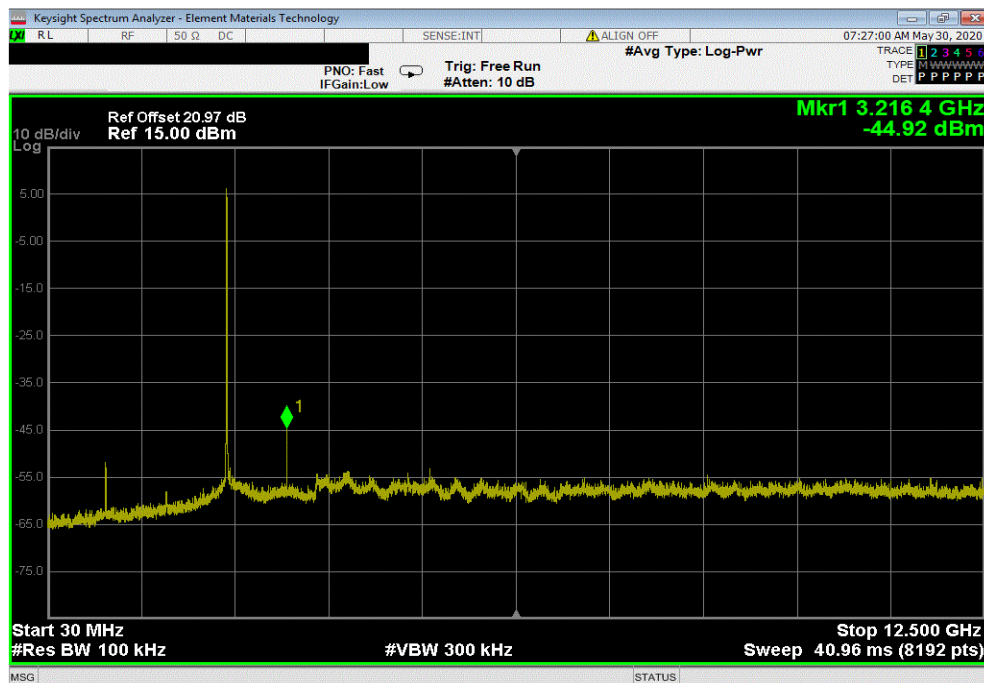


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(b) 1 Mbps, Low Channel 1, 2412 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2414.57	N/A	N/A	N/A		



20 MHz Bandwidth, 802.11(b) 1 Mbps, Low Channel 1, 2412 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3216.39	-52.23	-30	Pass		

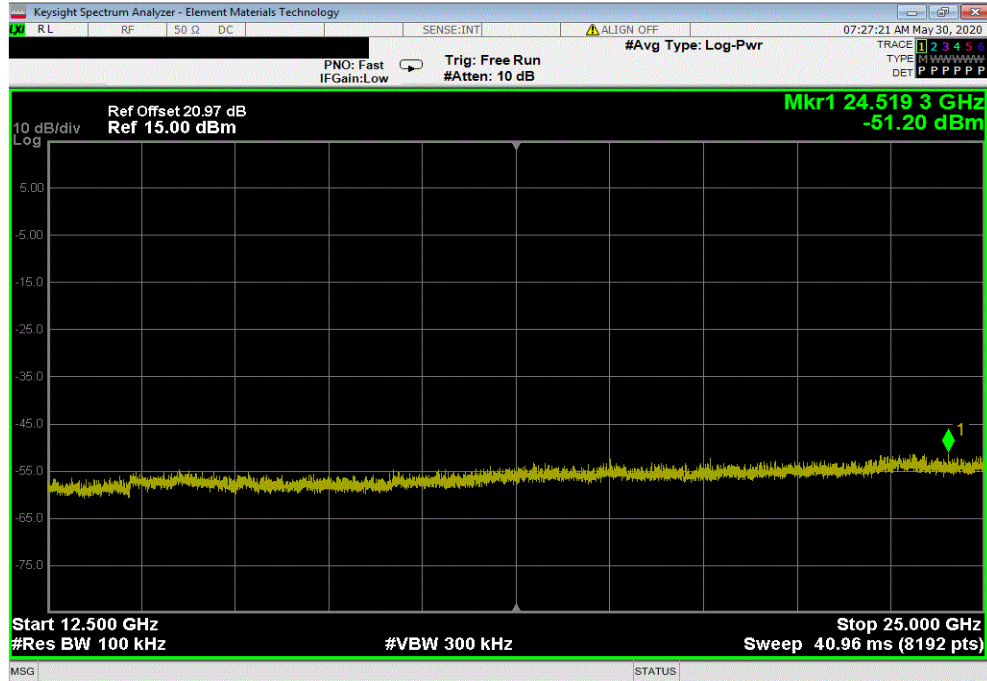


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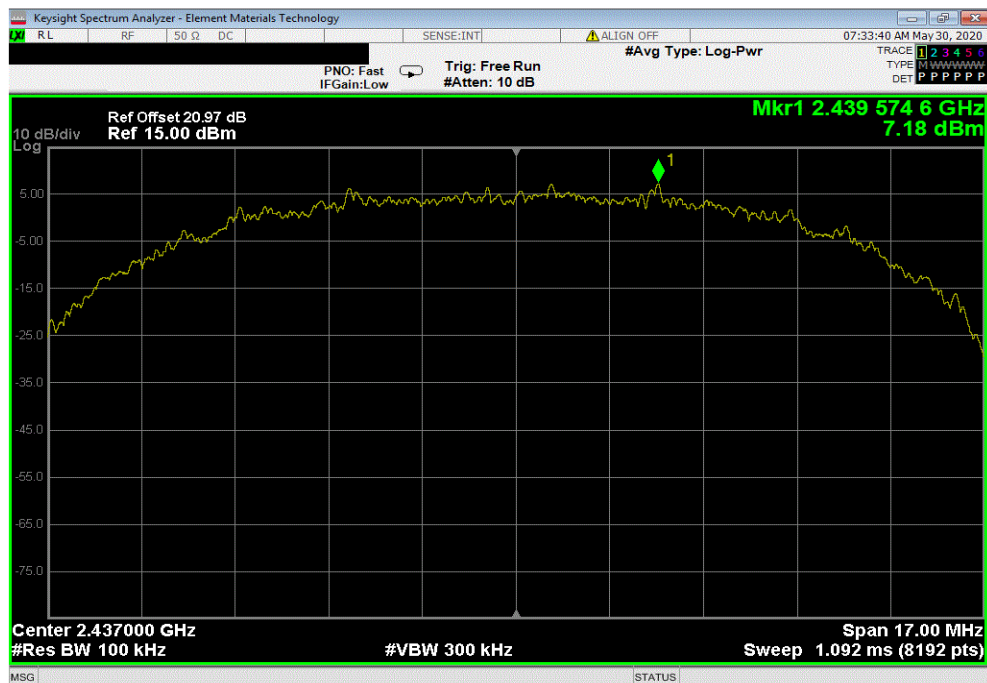


TbTtx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(b) 1 Mbps, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24519.29	-58.51	-30	Pass	



20 MHz Bandwidth, 802.11(b) 1 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2439.57	N/A	N/A	N/A	

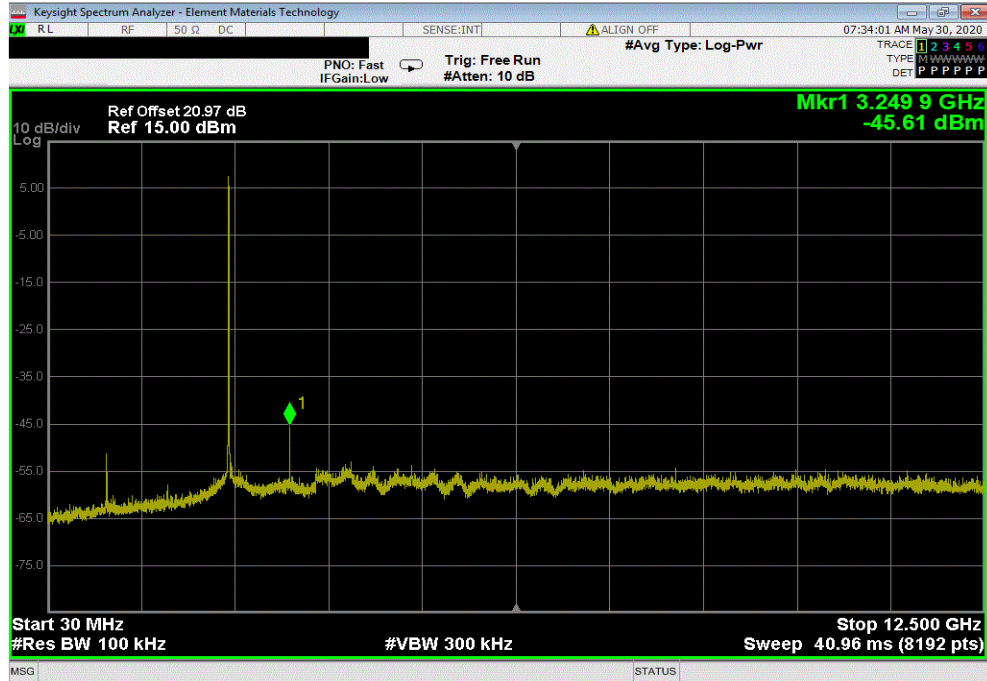


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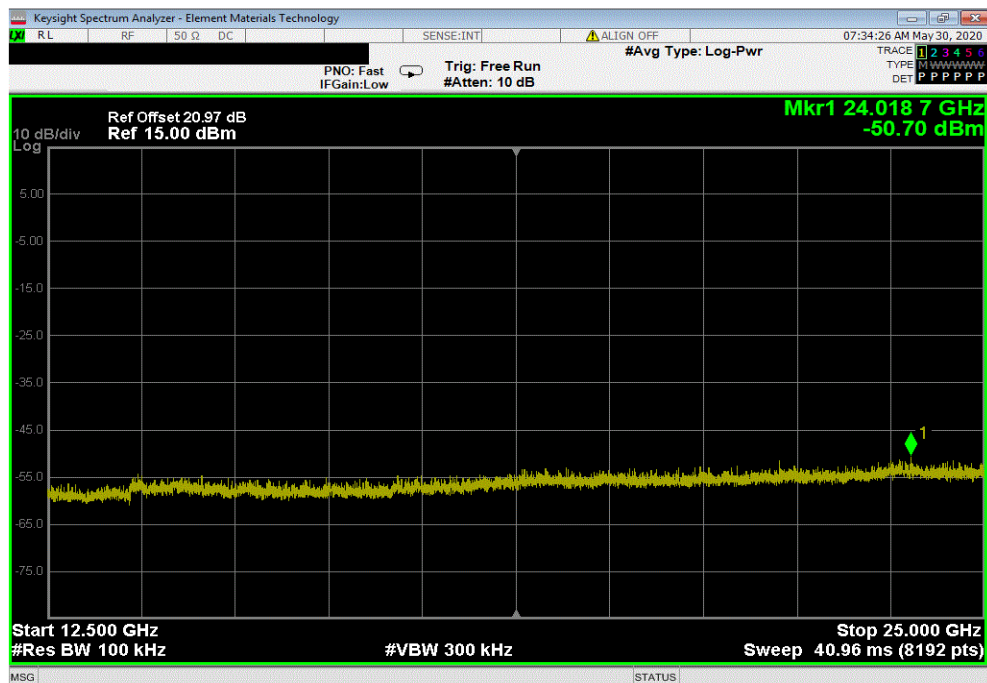


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(b) 1 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	3249.88	-52.79	-30	Pass	



20 MHz Bandwidth, 802.11(b) 1 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24018.74	-57.88	-30	Pass	

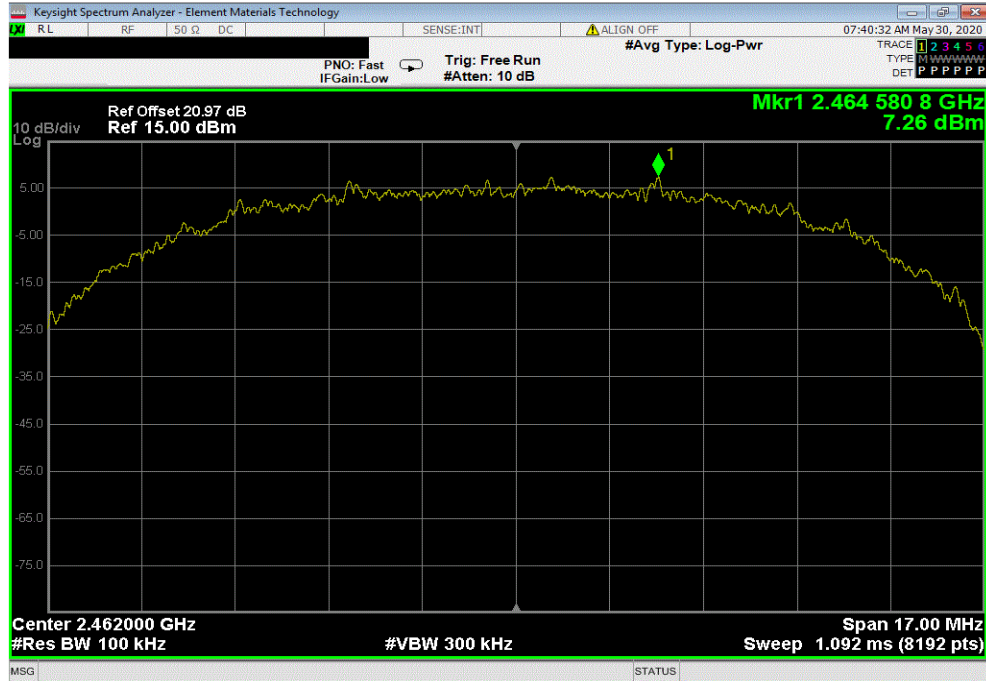


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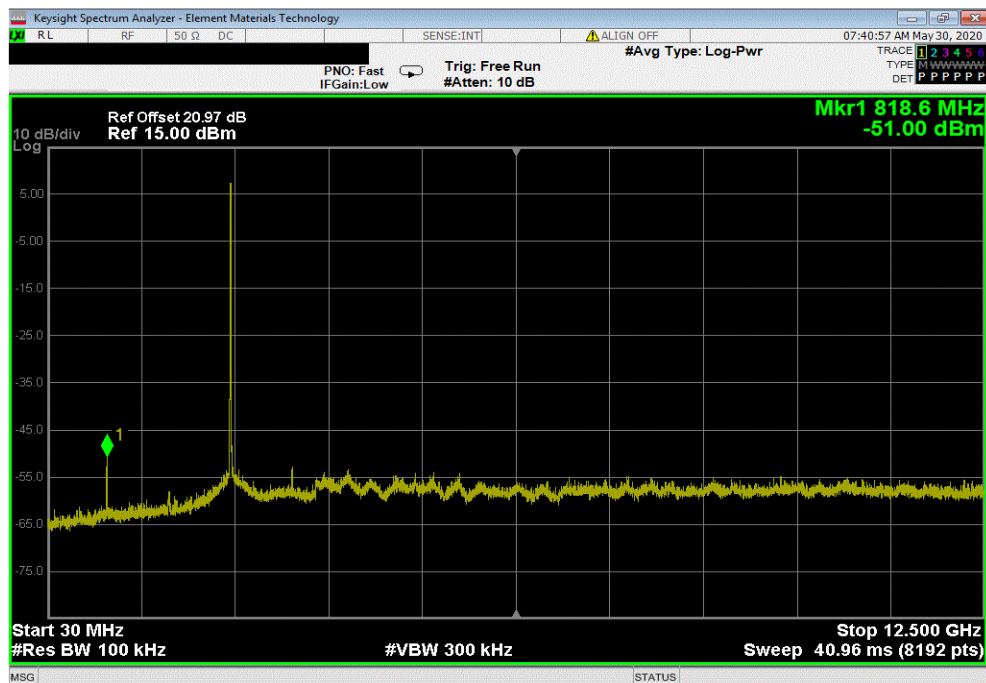


TbTx 2019.08.30.0 XMTx 2020.03.25.0

20 MHz Bandwidth, 802.11(b) 1 Mbps, High Channel 11, 2462 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2464.58	N/A	N/A	N/A		



20 MHz Bandwidth, 802.11(b) 1 Mbps, High Channel 11, 2462 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	818.6	-58.26	-30	Pass		

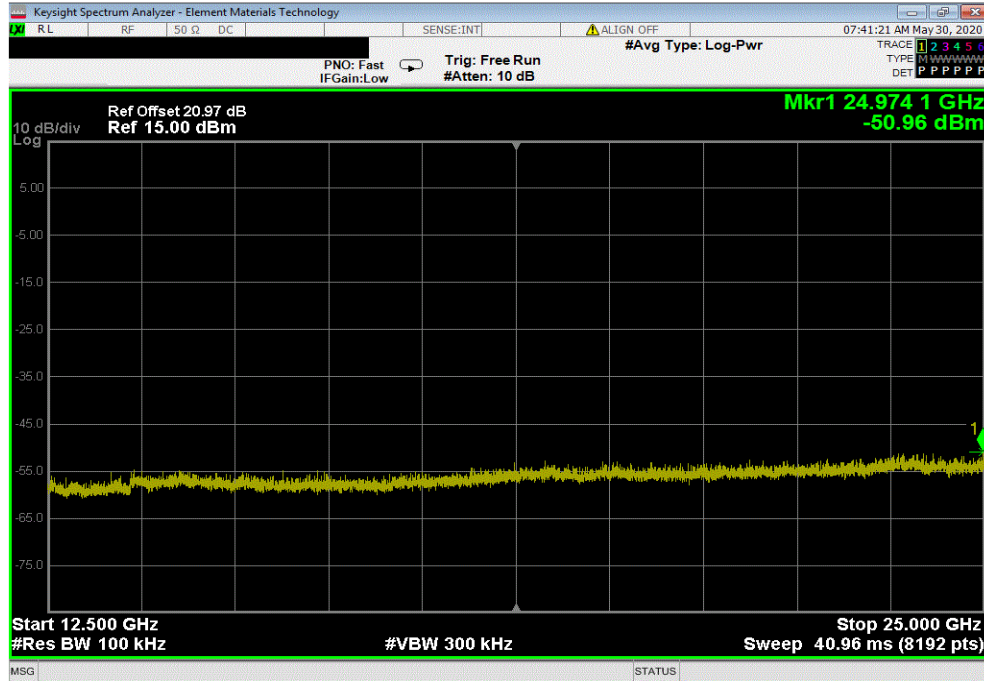


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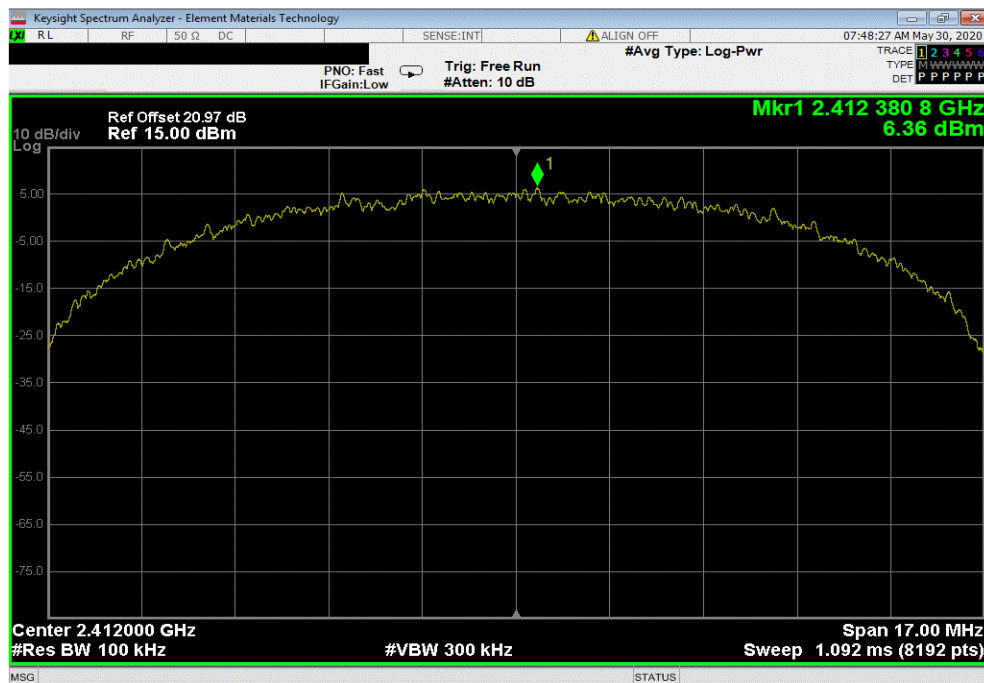


TbTtx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(b) 1 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24974.06	-58.22	-30	Pass	



20 MHz Bandwidth, 802.11(b) 11 Mbps, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2412.38	N/A	N/A	N/A	

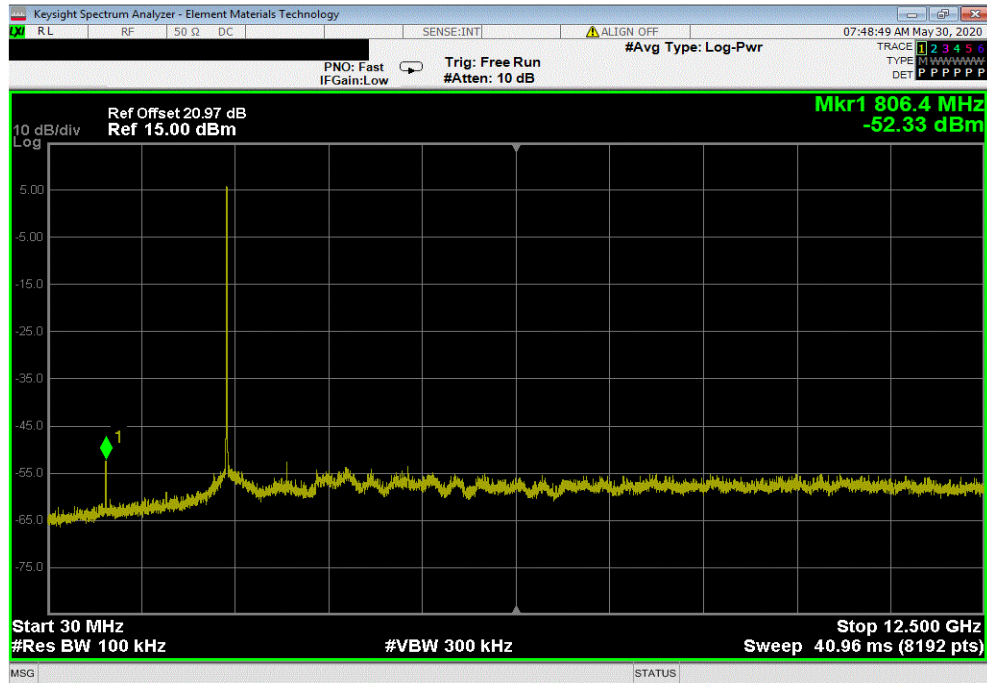


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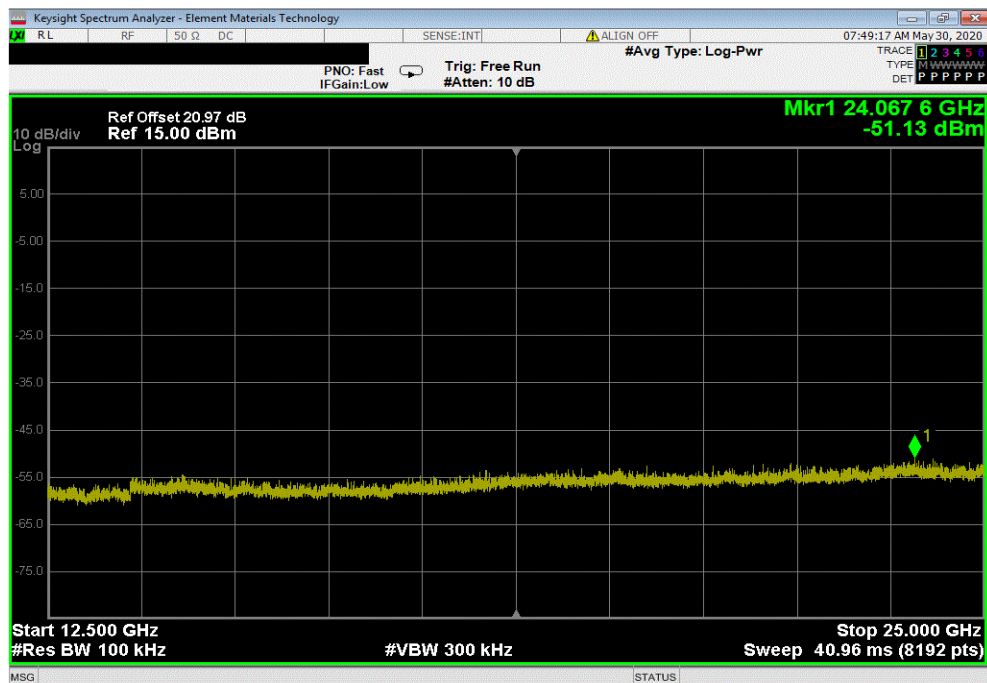


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(b) 11 Mbps, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	806.43	-58.69	-30	Pass	



20 MHz Bandwidth, 802.11(b) 11 Mbps, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24067.57	-57.49	-30	Pass	

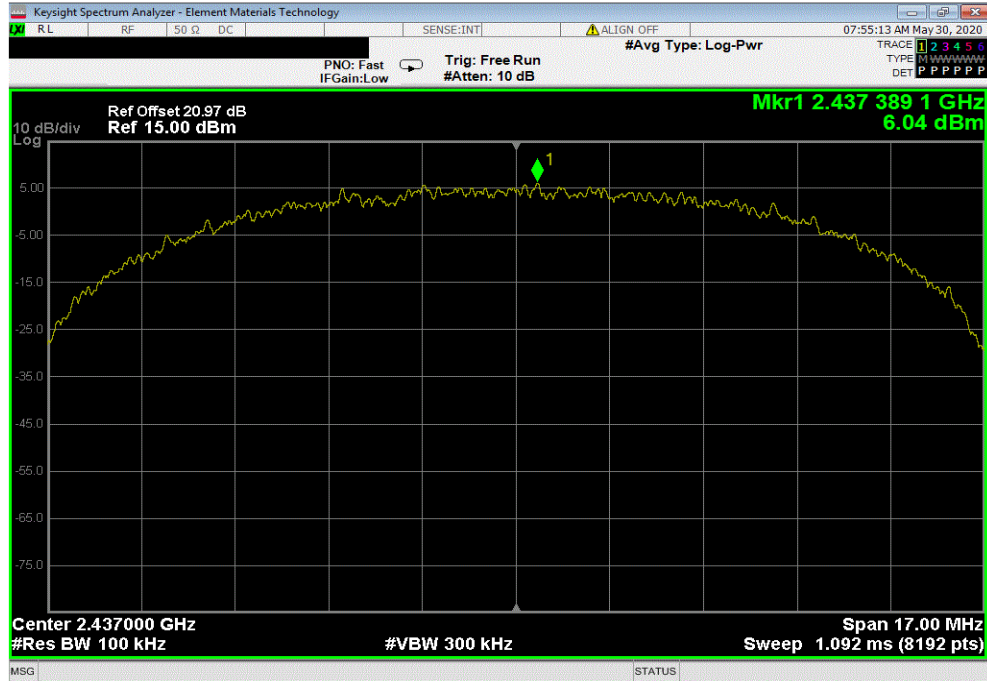


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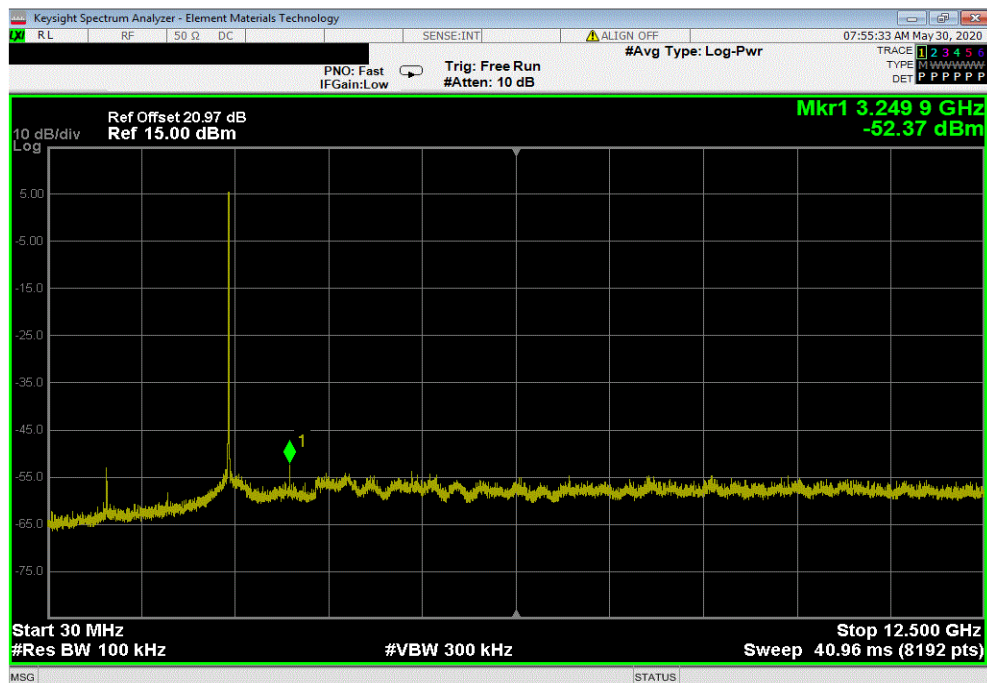


TMTx 2019.08.30.0 XMR 2020.03.25.0

20 MHz Bandwidth, 802.11(b) 11 Mbps, Mid Channel 6, 2437 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2437.39	N/A	N/A	N/A		



20 MHz Bandwidth, 802.11(b) 11 Mbps, Mid Channel 6, 2437 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3249.88	-58.41	-30	Pass		

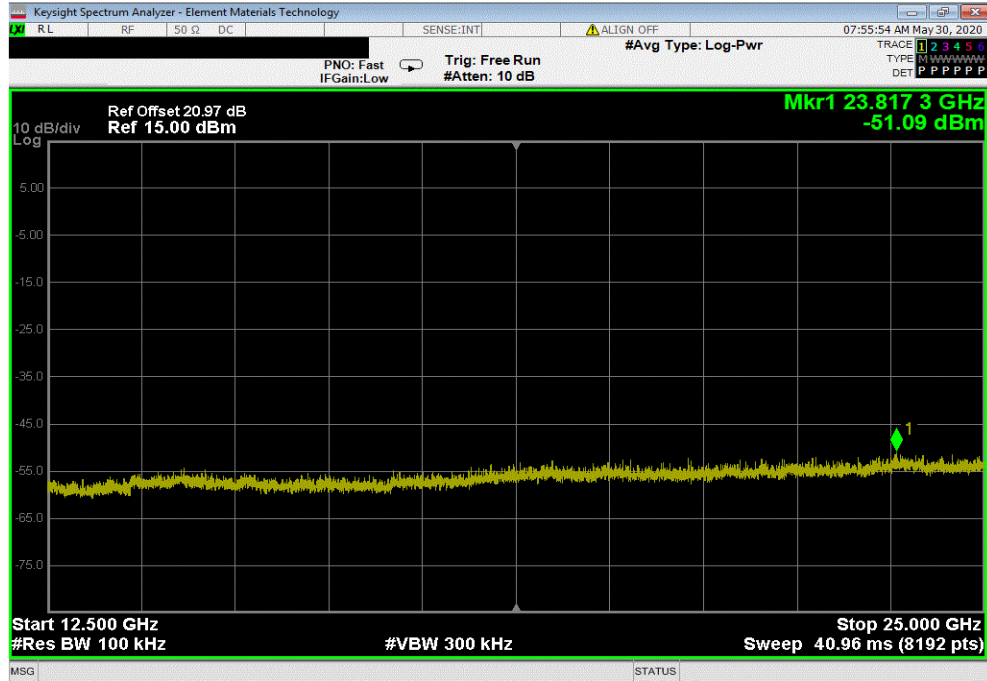


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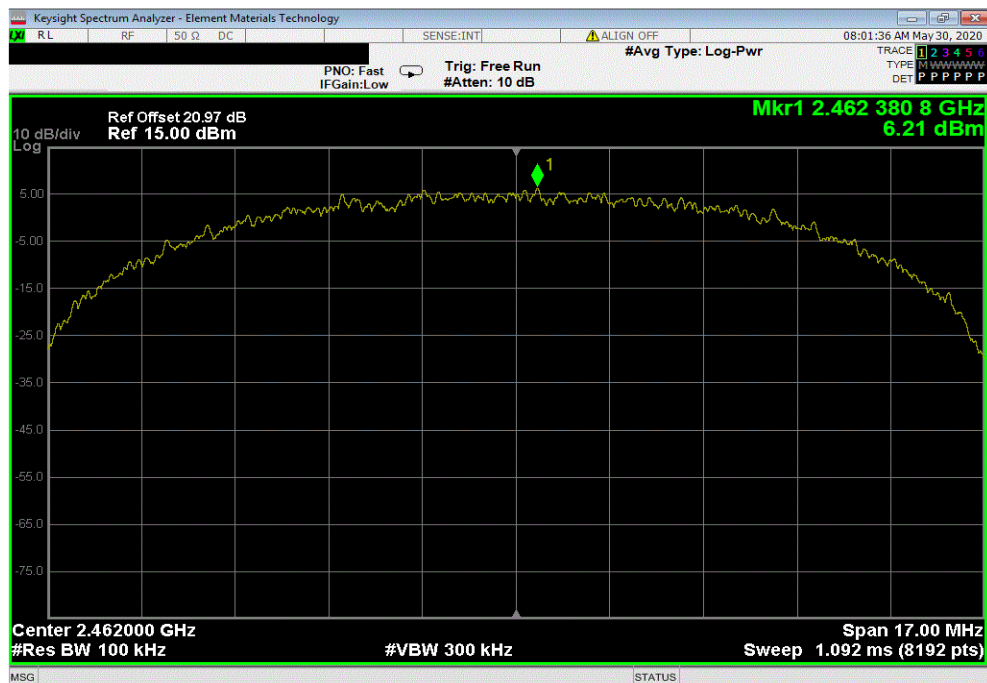


TbTtX 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(b) 11 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23817.3	-57.13	-30	Pass	



20 MHz Bandwidth, 802.11(b) 11 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2462.38	N/A	N/A	N/A	

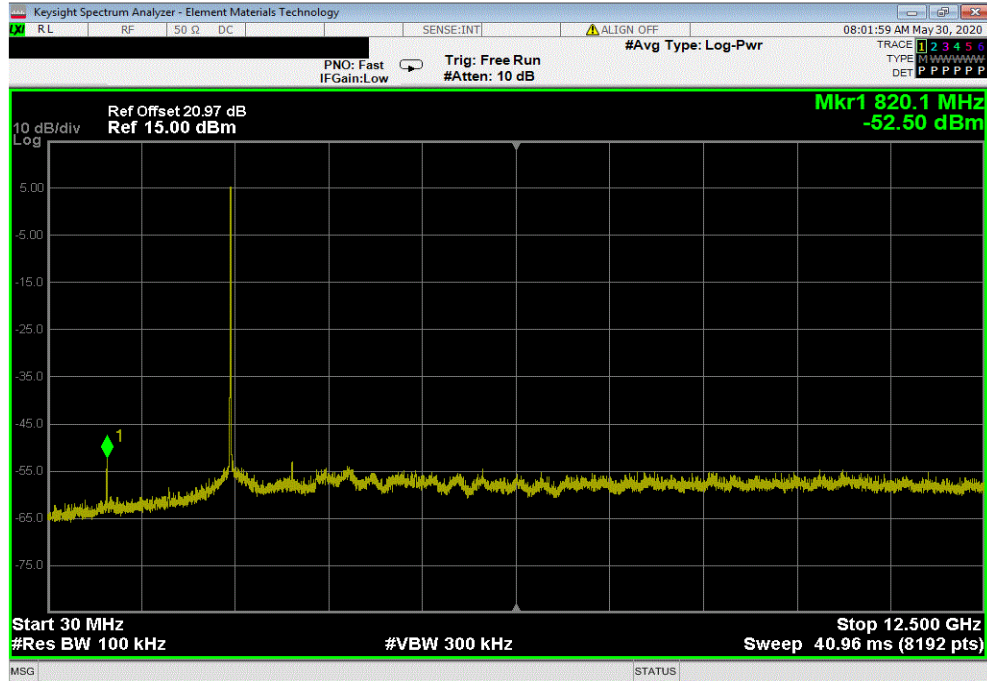


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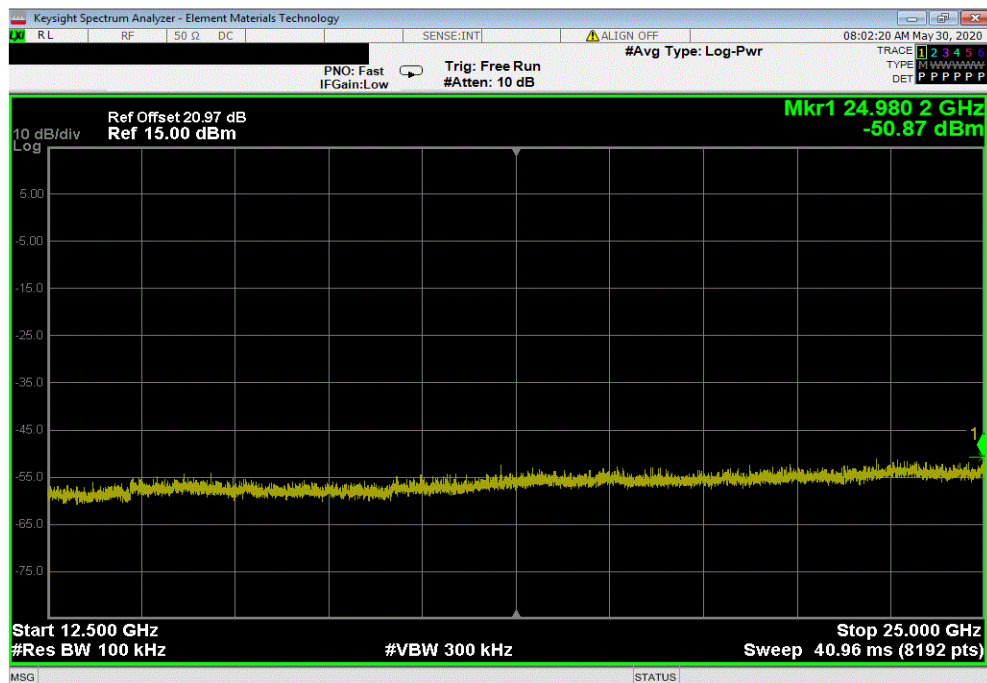


TbTx 2019.08.30.0 XMR 2020.03.25.0

20 MHz Bandwidth, 802.11(b) 11 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	820.13	-58.71	-30	Pass	



20 MHz Bandwidth, 802.11(b) 11 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24980.16	-57.08	-30	Pass	

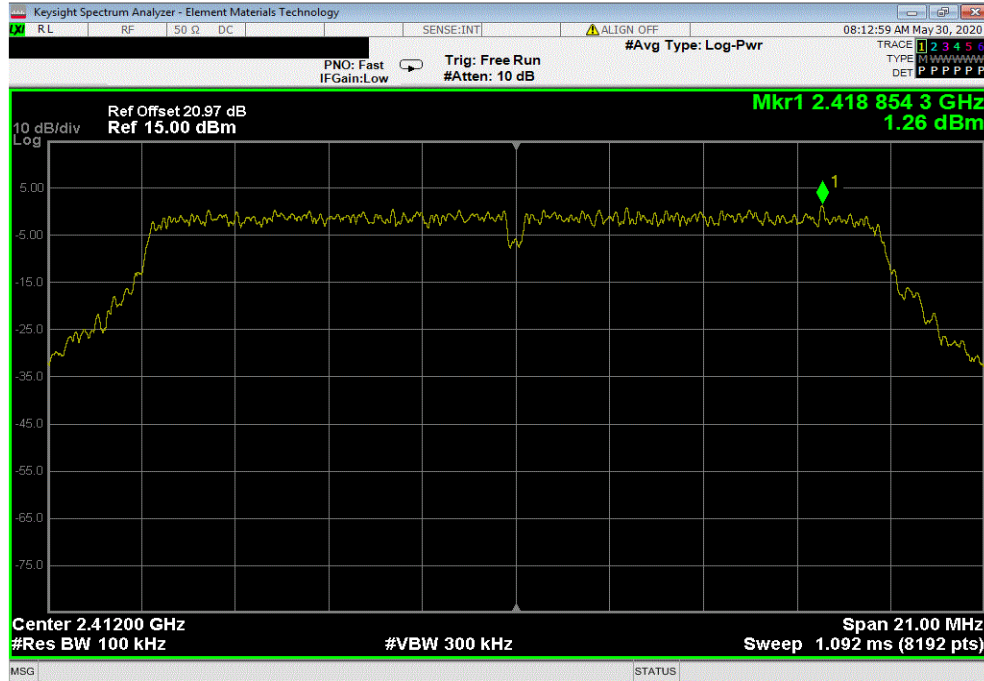


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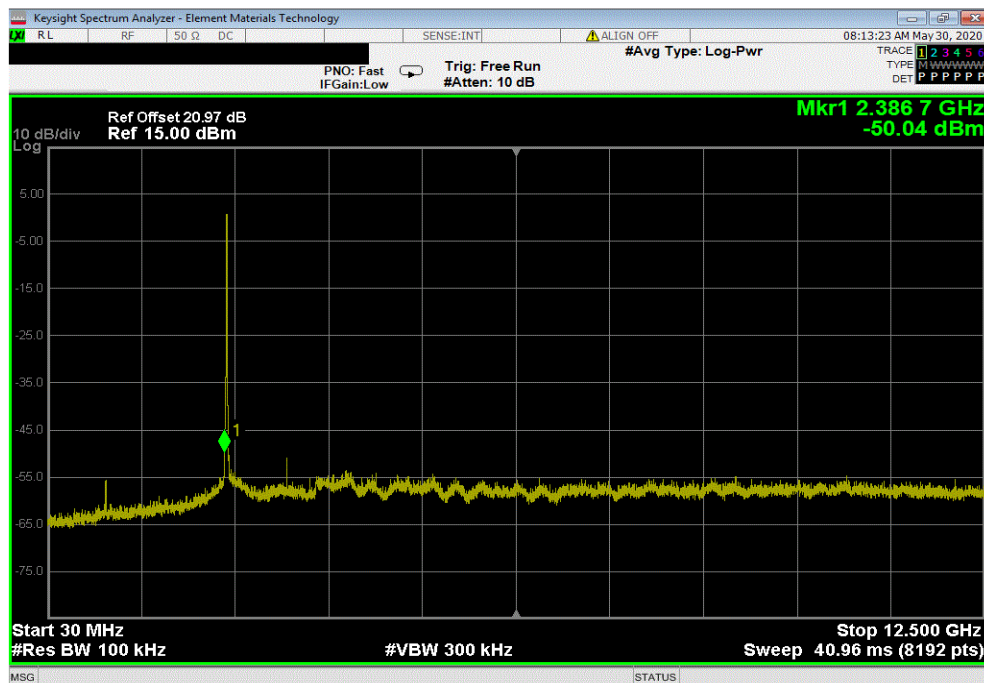


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 6 Mbps, Low Channel 1, 2412 MHz						
Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental		2418.85	N/A	N/A	N/A	



20 MHz Bandwidth, 802.11(g) 6 Mbps, Low Channel 1, 2412 MHz						
Frequency Range		Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz		2386.68	-51.3	-30	Pass	

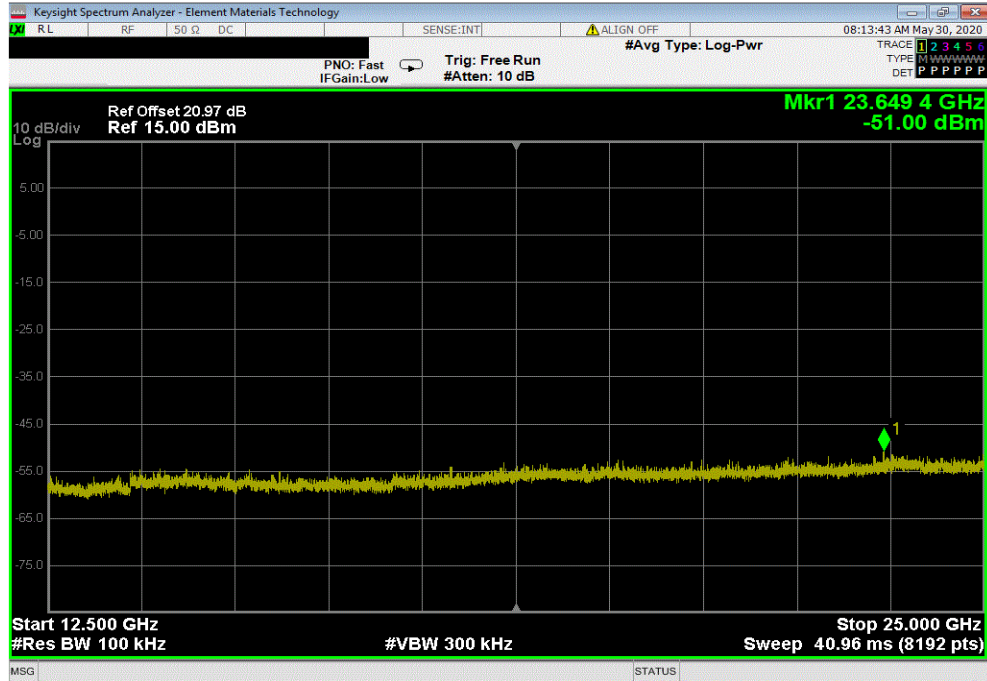


SPURIOUS CONDUCTED EMISSIONS

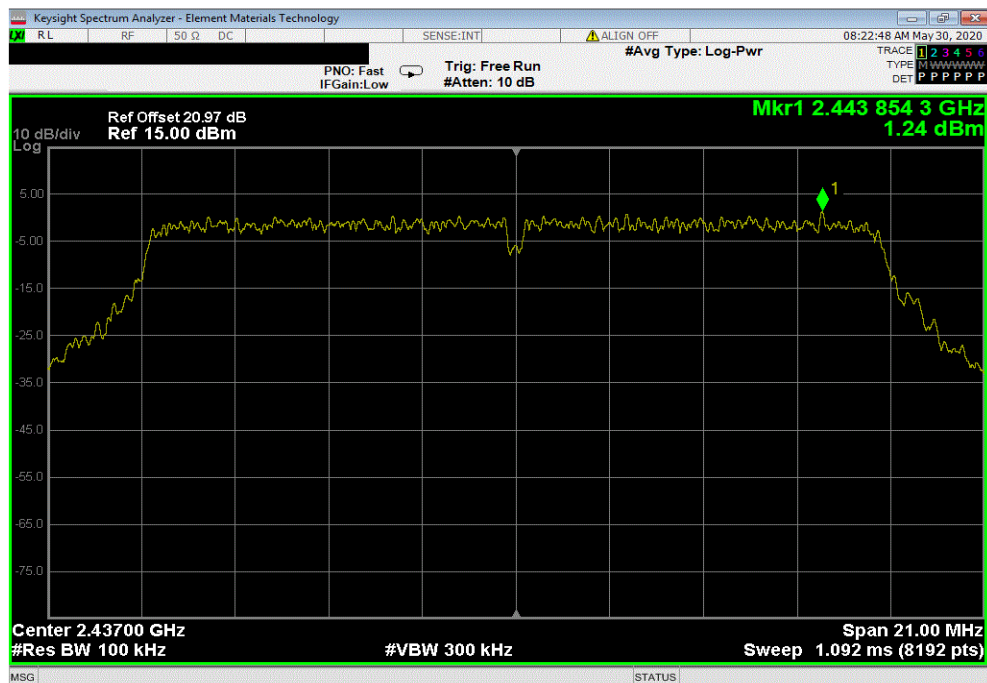


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 6 Mbps, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23649.43	-52.26	-30	Pass	



20 MHz Bandwidth, 802.11(g) 6 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2443.85	N/A	N/A	N/A	

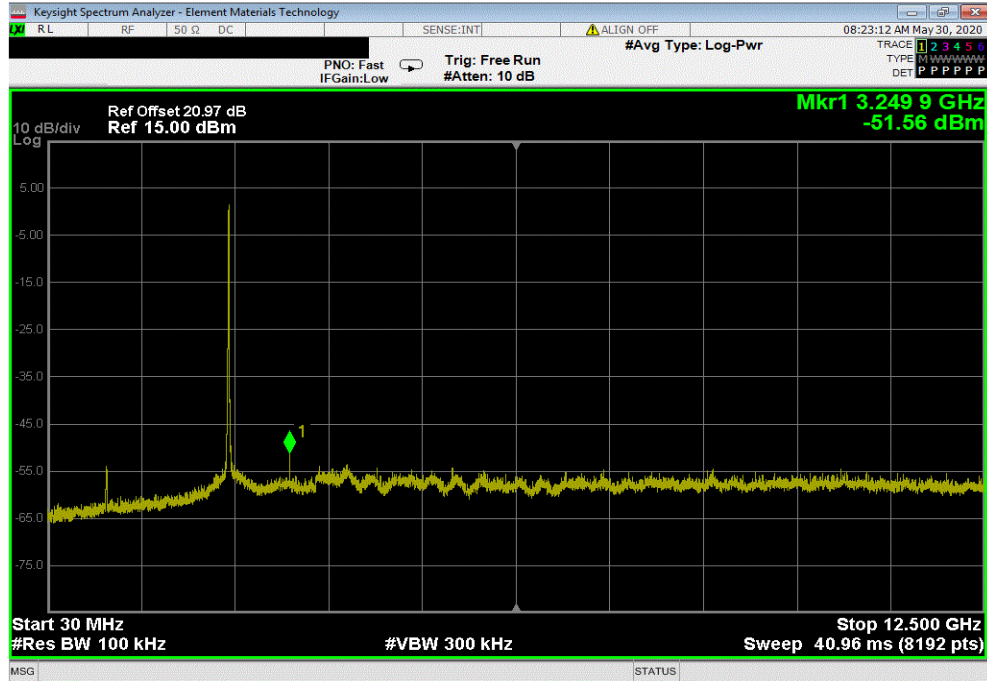


SPURIOUS CONDUCTED EMISSIONS

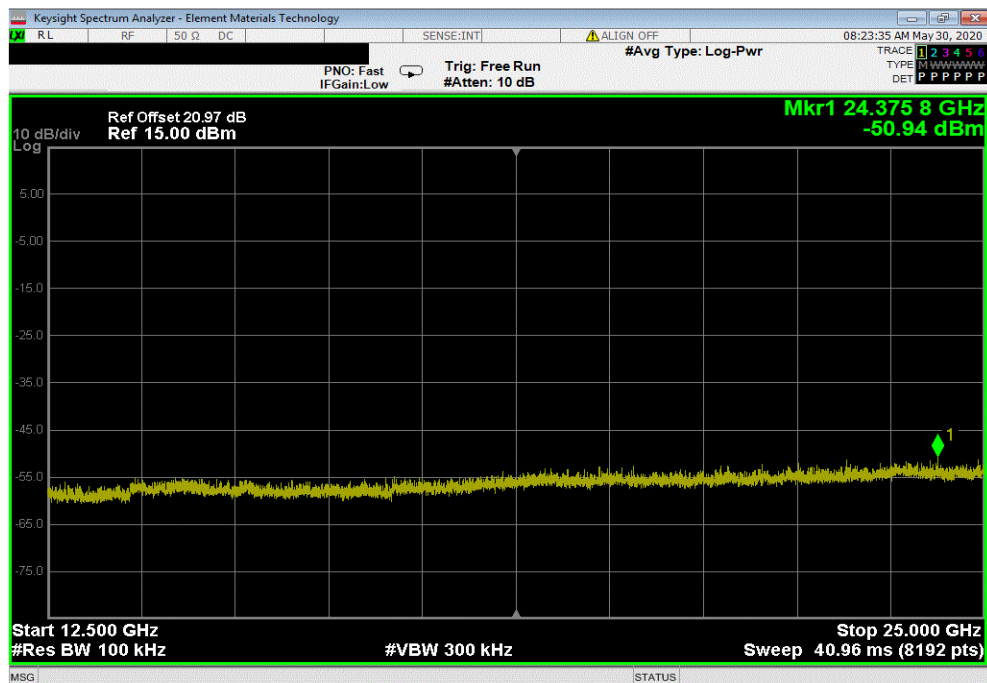


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 6 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	3249.88	-52.8	-30	Pass	



20 MHz Bandwidth, 802.11(g) 6 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24375.84	-52.18	-30	Pass	

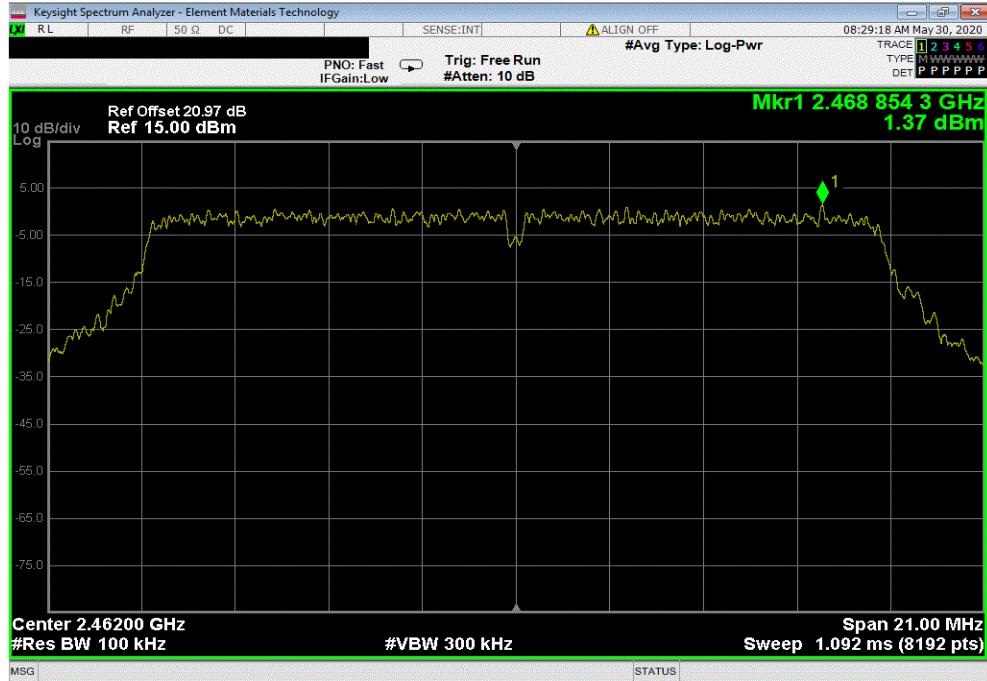


SPURIOUS CONDUCTED EMISSIONS

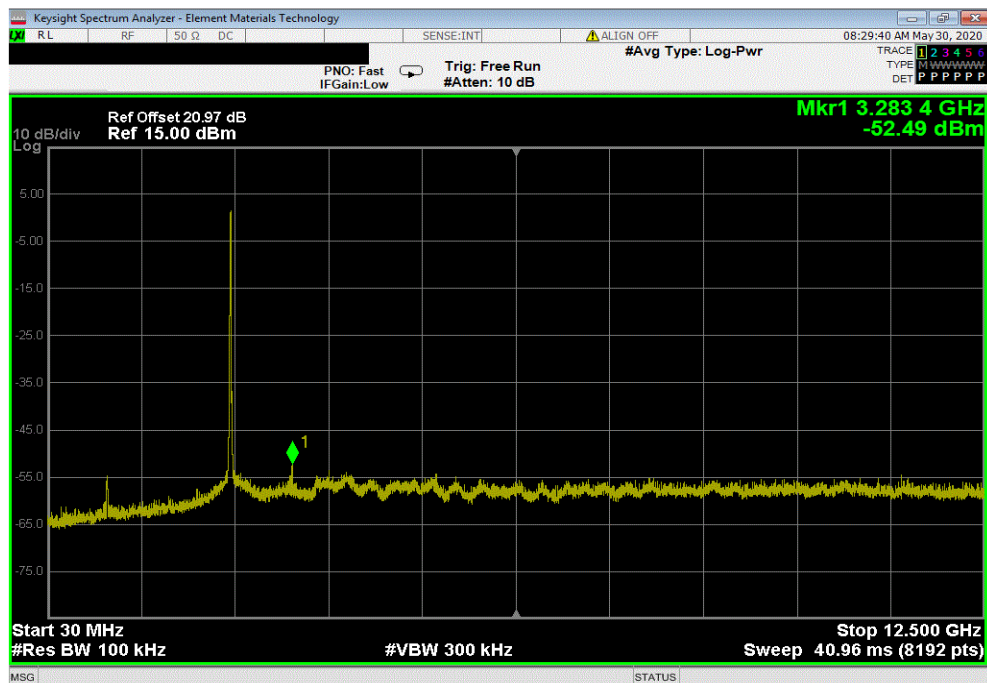


TMTx 2019.08.30.0 XMR 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 6 Mbps, High Channel 11, 2462 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2468.85	N/A	N/A	N/A		



20 MHz Bandwidth, 802.11(g) 6 Mbps, High Channel 11, 2462 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3283.37	-53.86	-30	Pass		

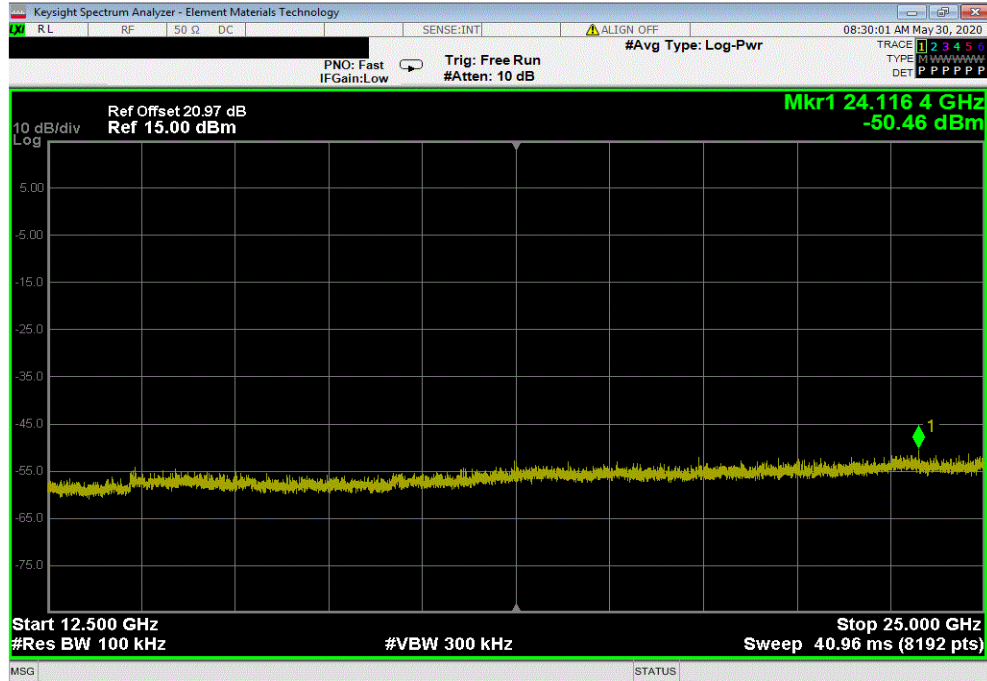


SPURIOUS CONDUCTED EMISSIONS

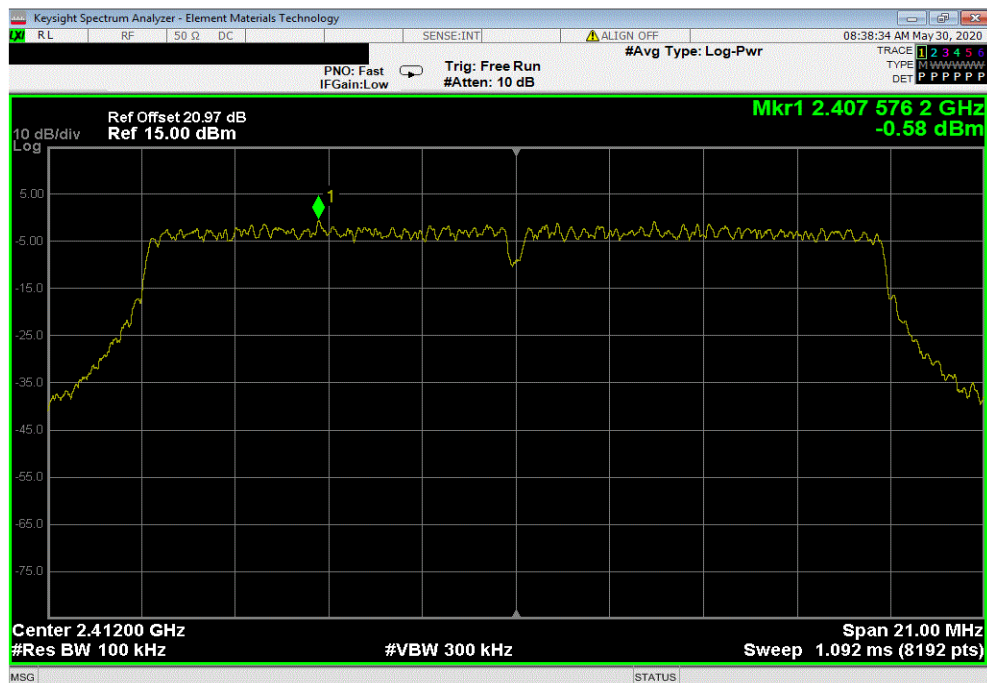


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 6 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24116.41	-51.83	-30	Pass	



20 MHz Bandwidth, 802.11(g) 36 Mbps, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2407.58	N/A	N/A	N/A	

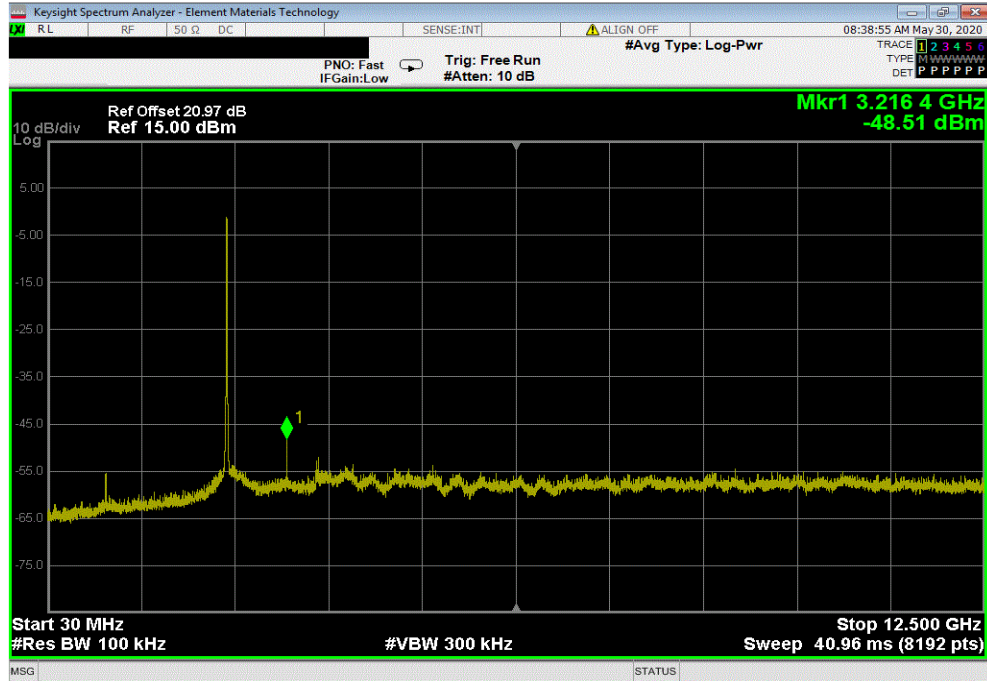


SPURIOUS CONDUCTED EMISSIONS

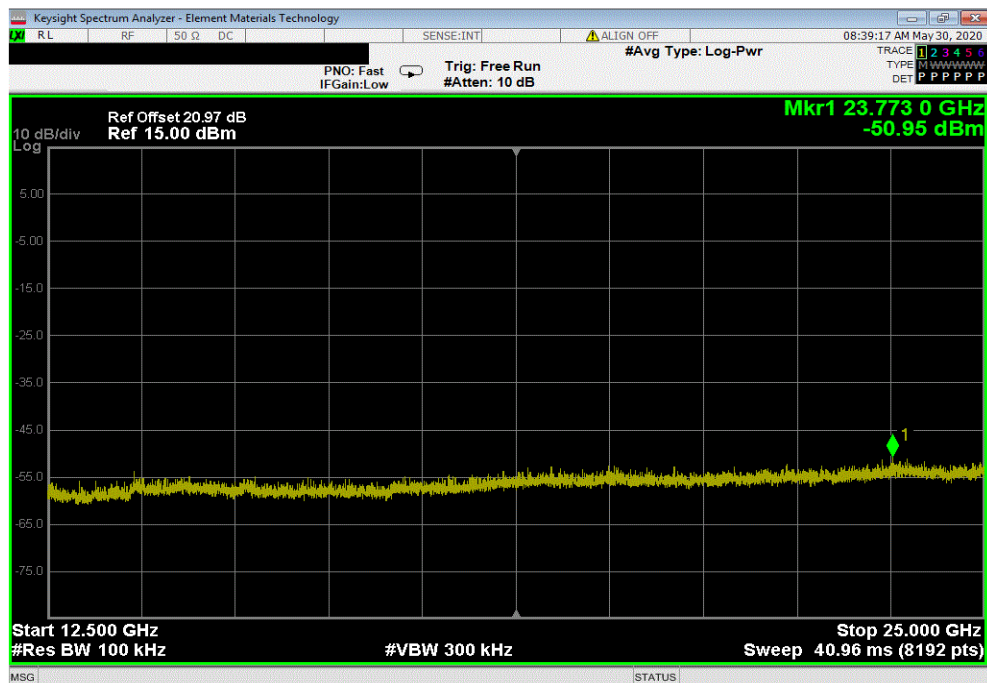


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 36 Mbps, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	3216.39	-47.93	-30	Pass	



20 MHz Bandwidth, 802.11(g) 36 Mbps, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23773.04	-50.37	-30	Pass	

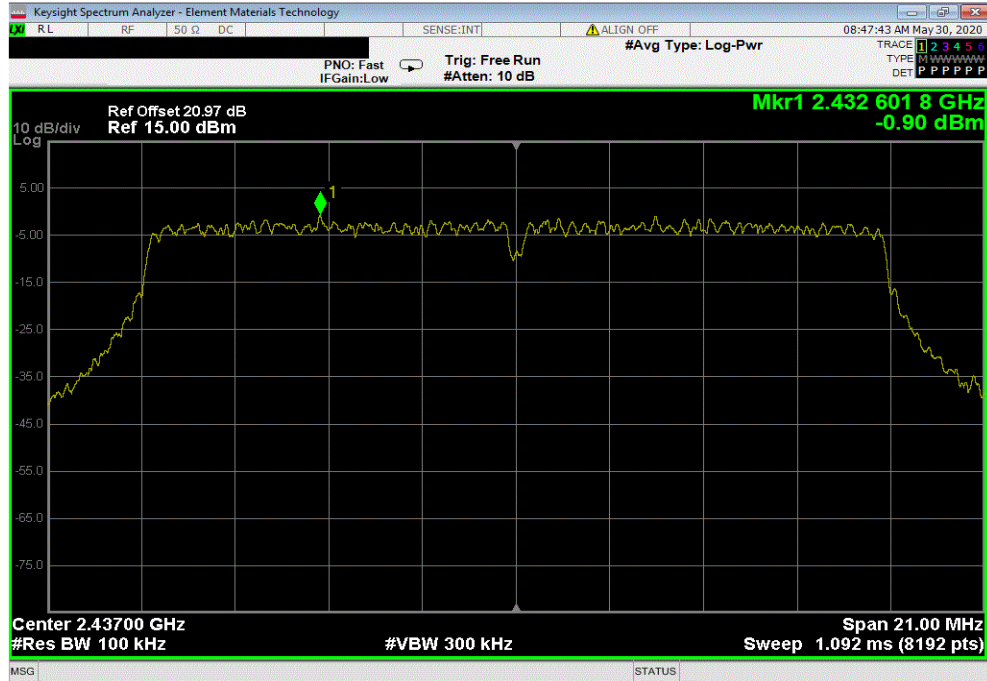


SPURIOUS CONDUCTED EMISSIONS

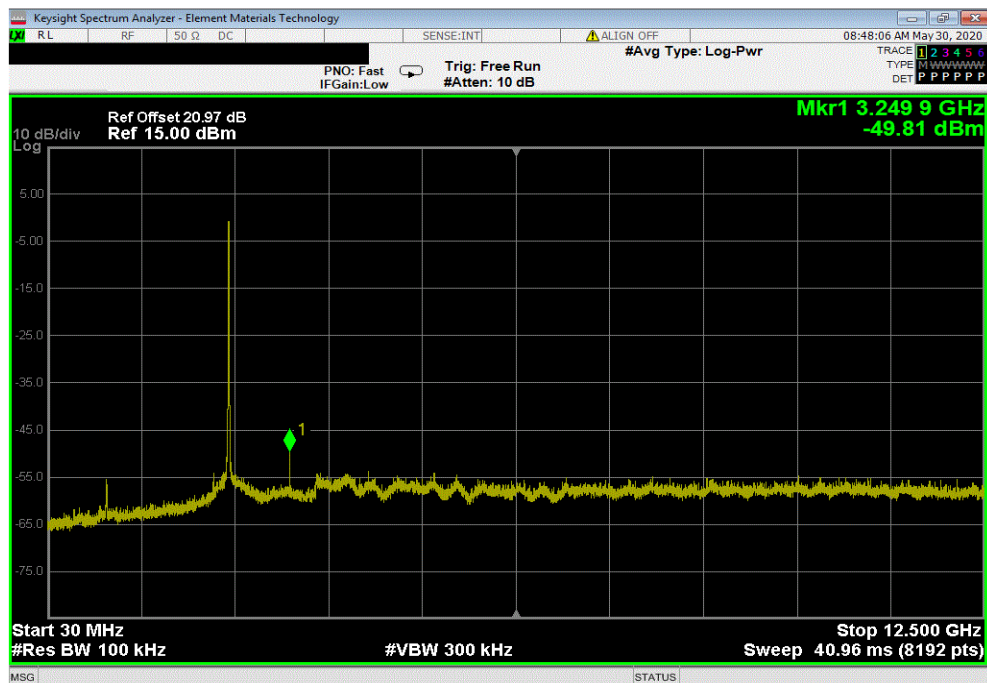


TMTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 36 Mbps, Mid Channel 6, 2437 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2432.6	N/A	N/A	N/A		



20 MHz Bandwidth, 802.11(g) 36 Mbps, Mid Channel 6, 2437 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3249.88	-48.92	-30	Pass		

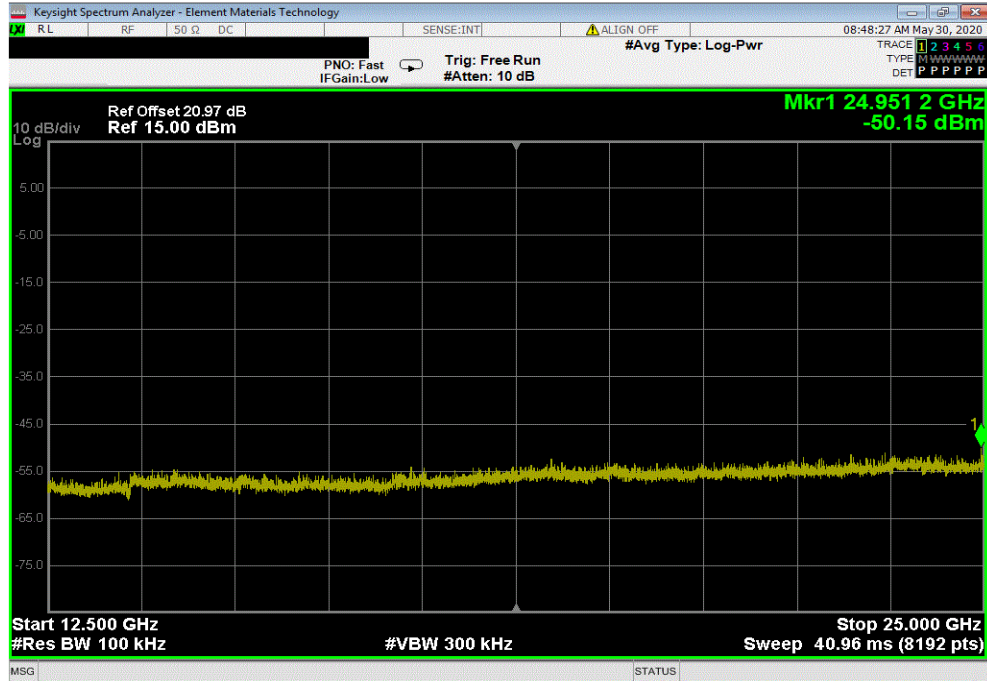


SPURIOUS CONDUCTED EMISSIONS

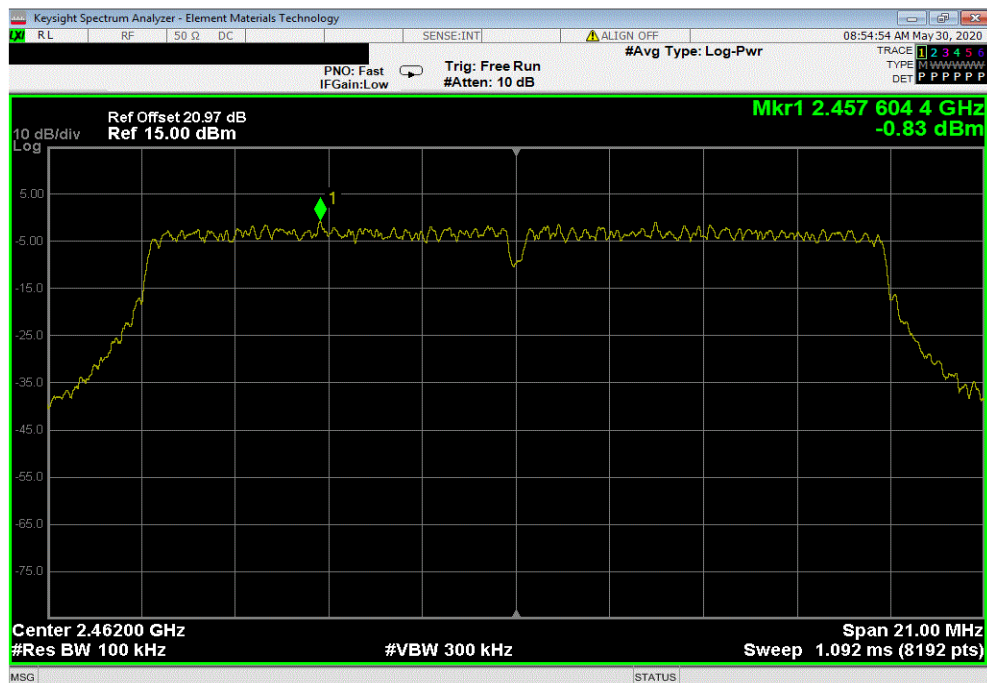


TbTx 2019.08.30.0 XMI 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 36 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24951.17	-49.25	-30	Pass	



20 MHz Bandwidth, 802.11(g) 36 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2457.6	N/A	N/A	N/A	

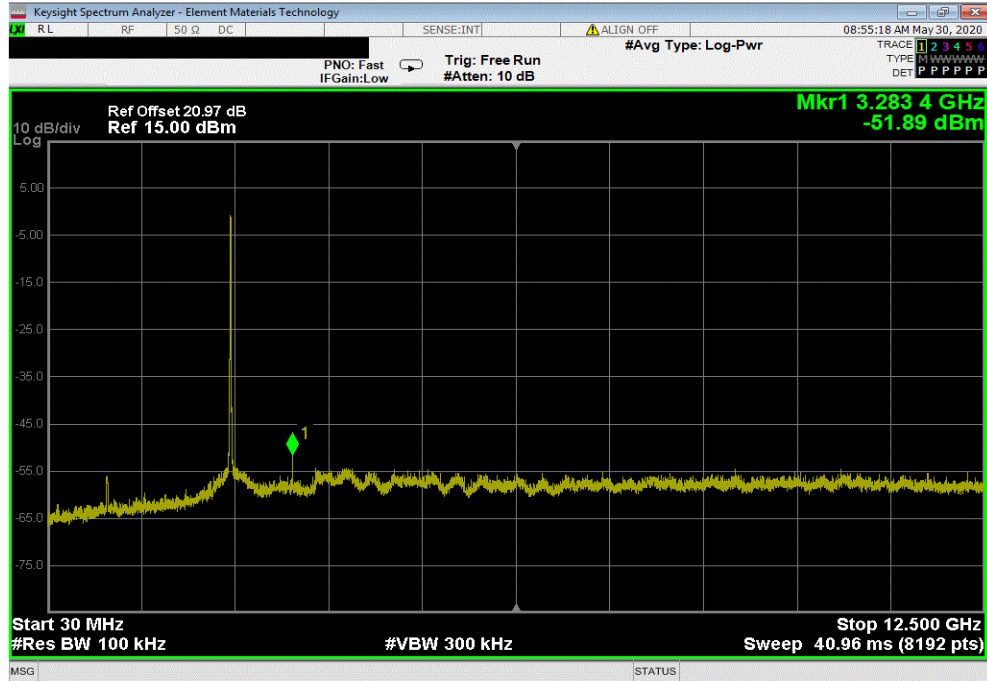


SPURIOUS CONDUCTED EMISSIONS

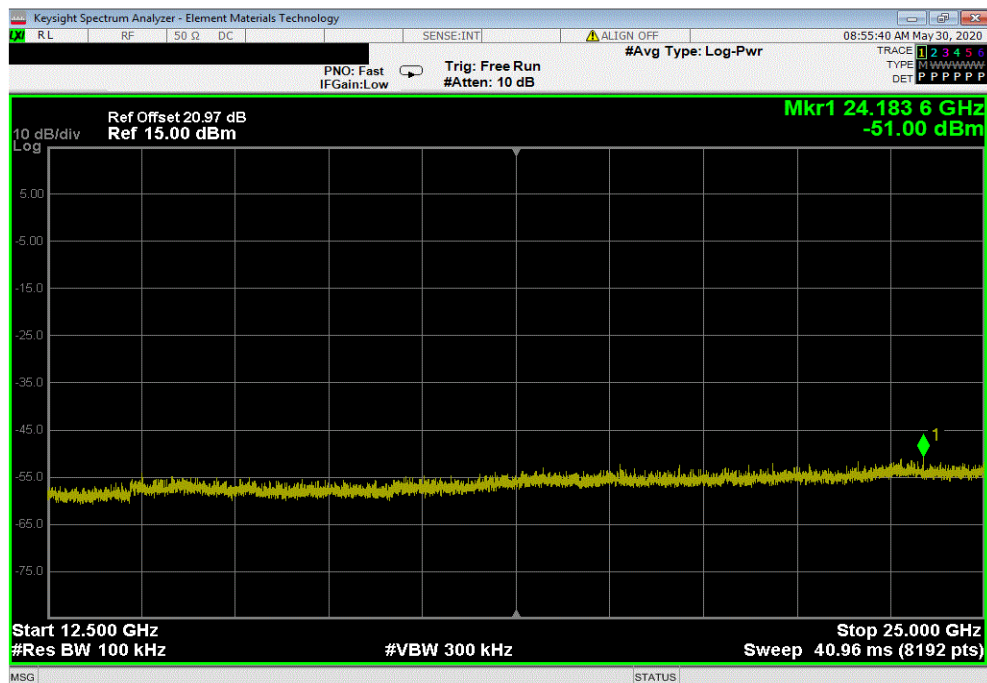


TMTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 36 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	3283.37	-51.06	-30	Pass	



20 MHz Bandwidth, 802.11(g) 36 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24183.56	-50.17	-30	Pass	

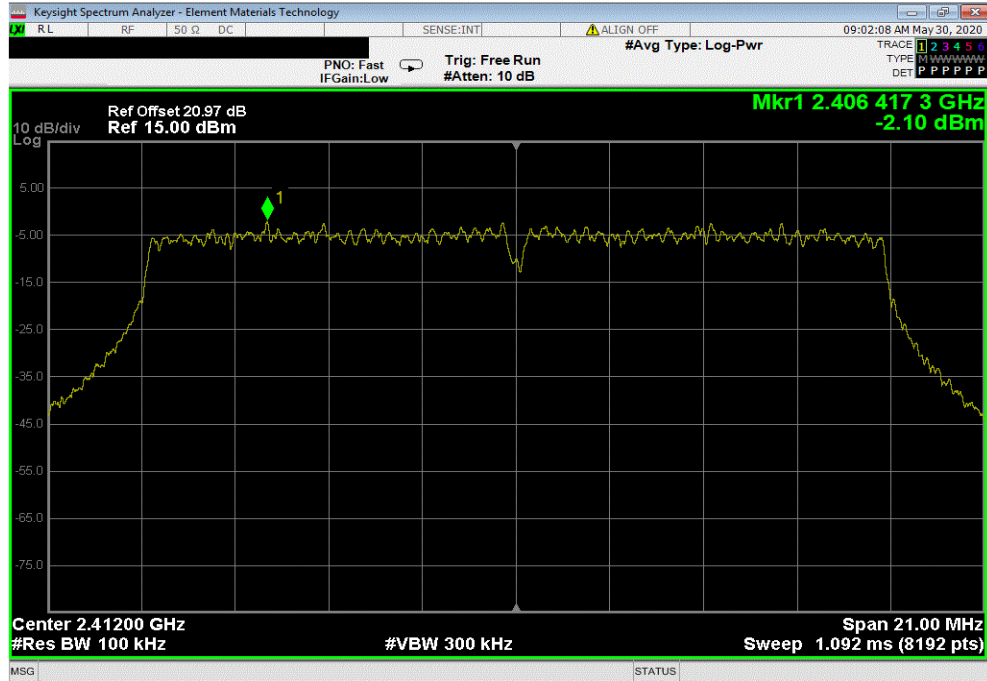


SPURIOUS CONDUCTED EMISSIONS

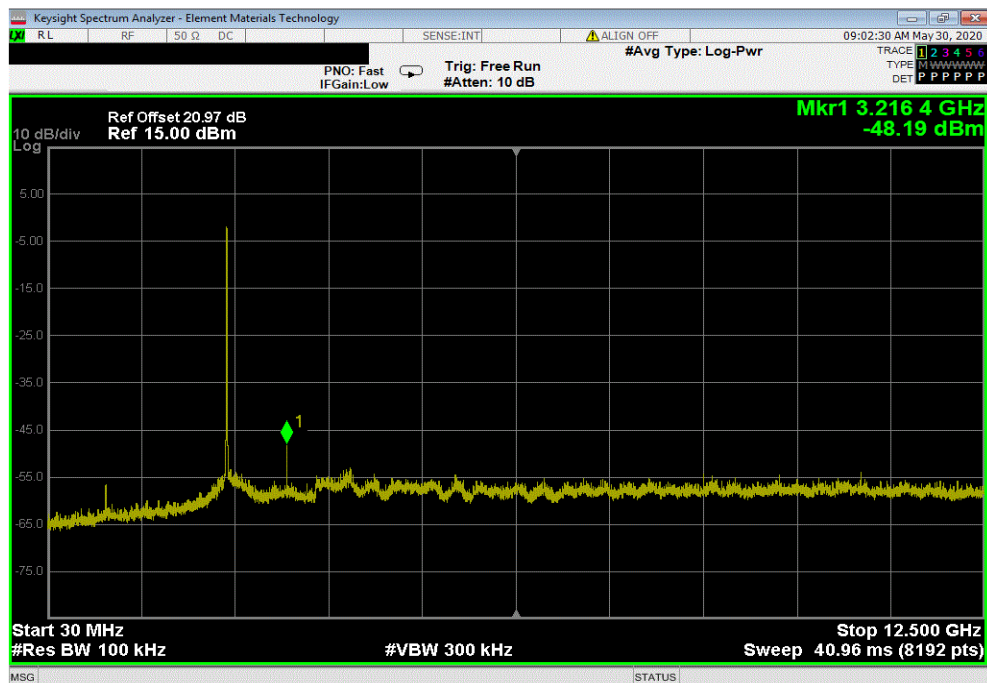


TbTx 2019.08.30.0 XMHz 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 54 Mbps, Low Channel 1, 2412 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2406.42	N/A	N/A	N/A		



20 MHz Bandwidth, 802.11(g) 54 Mbps, Low Channel 1, 2412 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3216.39	-46.09	-30	Pass		

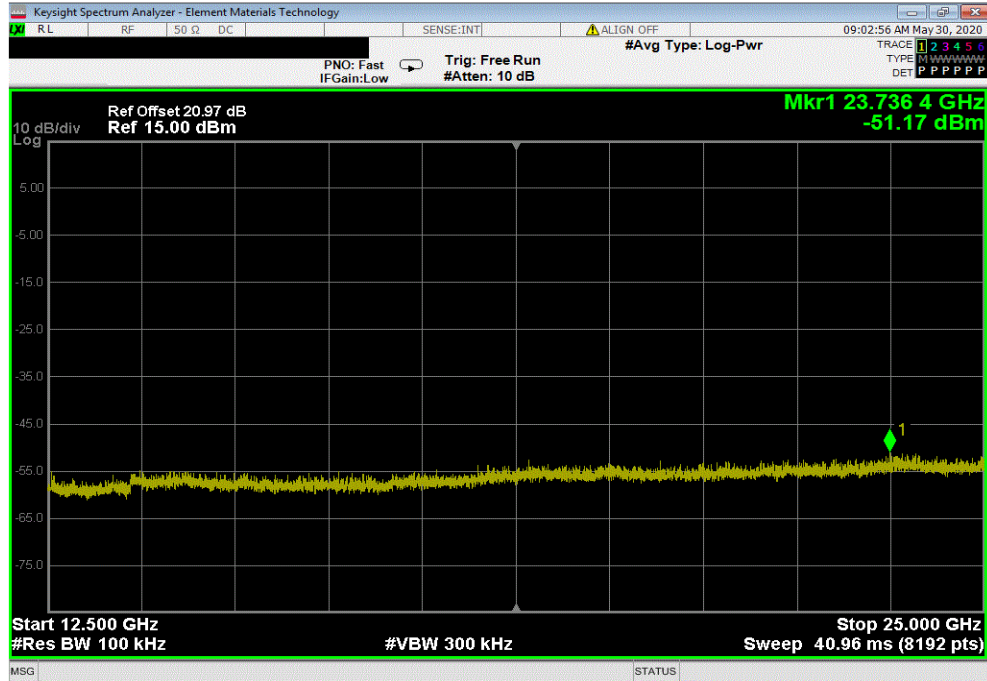


SPURIOUS CONDUCTED EMISSIONS

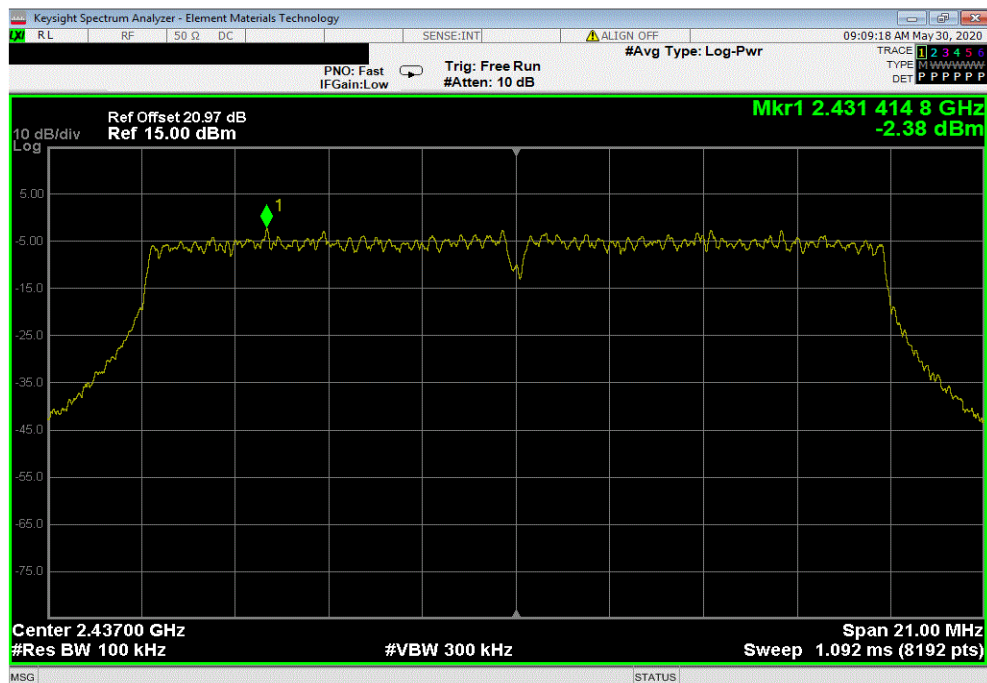


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 54 Mbps, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23736.42	-49.07	-30	Pass	



20 MHz Bandwidth, 802.11(g) 54 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2431.41	N/A	N/A	N/A	

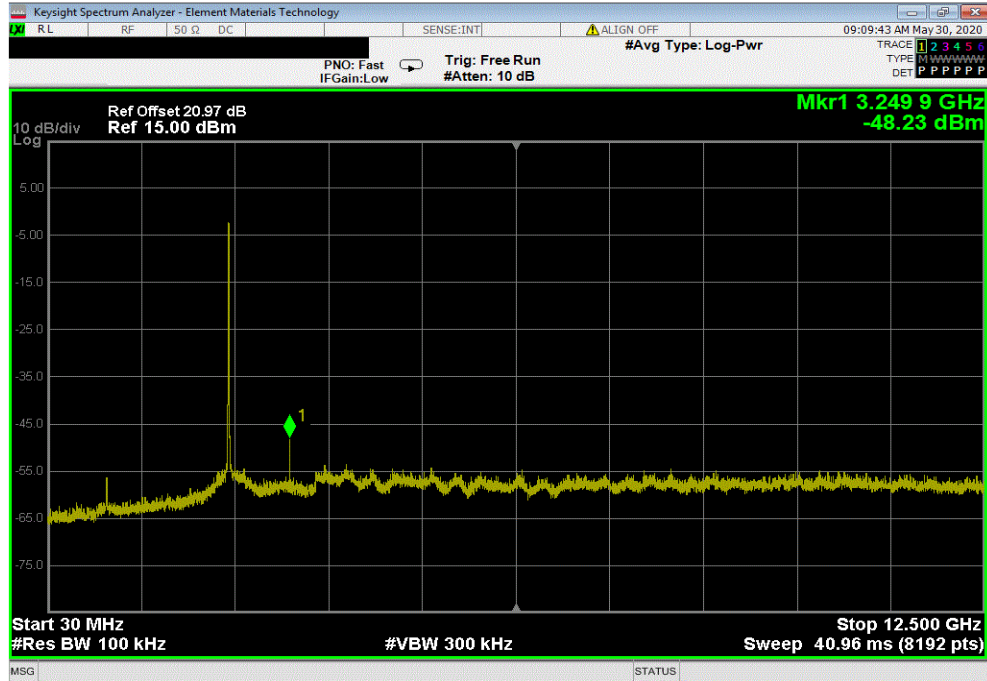


SPURIOUS CONDUCTED EMISSIONS

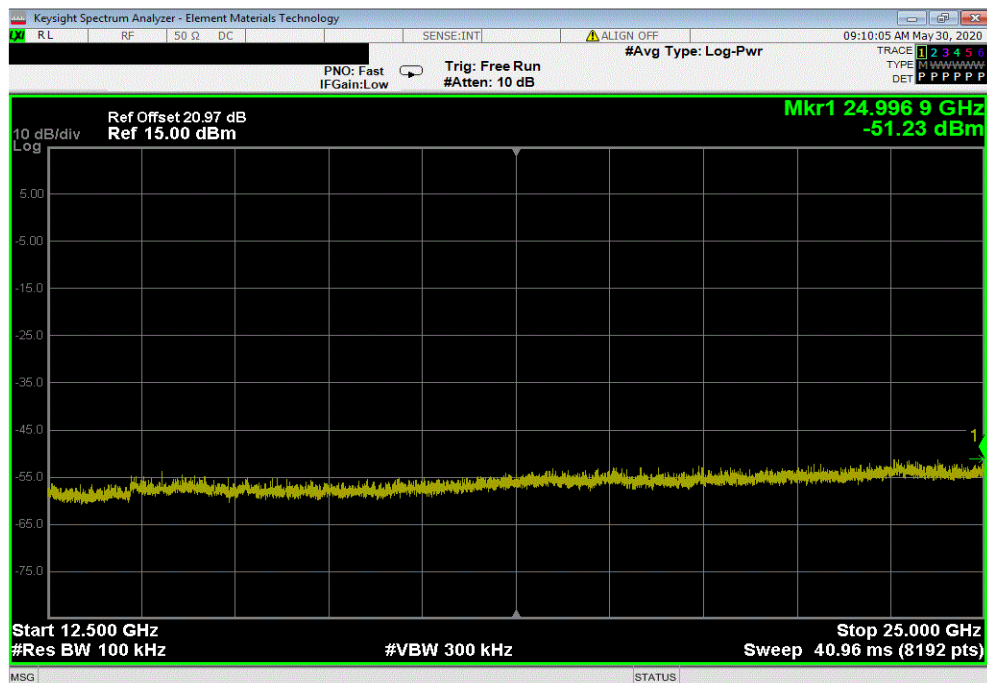


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 54 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	3249.88	-45.85	-30	Pass	



20 MHz Bandwidth, 802.11(g) 54 Mbps, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24996.95	-48.85	-30	Pass	

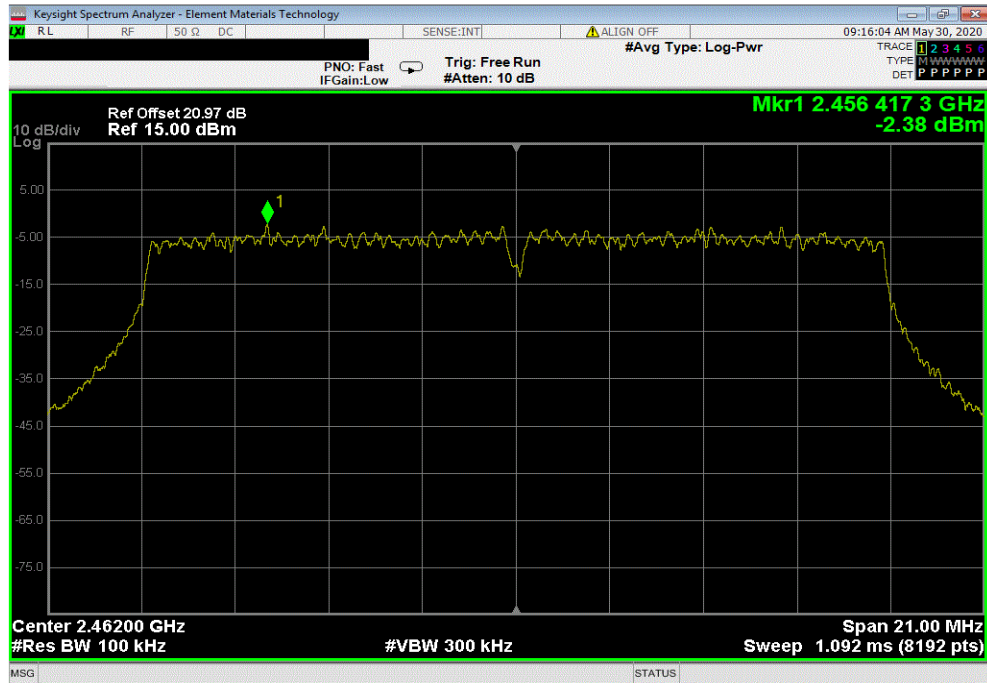


SPURIOUS CONDUCTED EMISSIONS

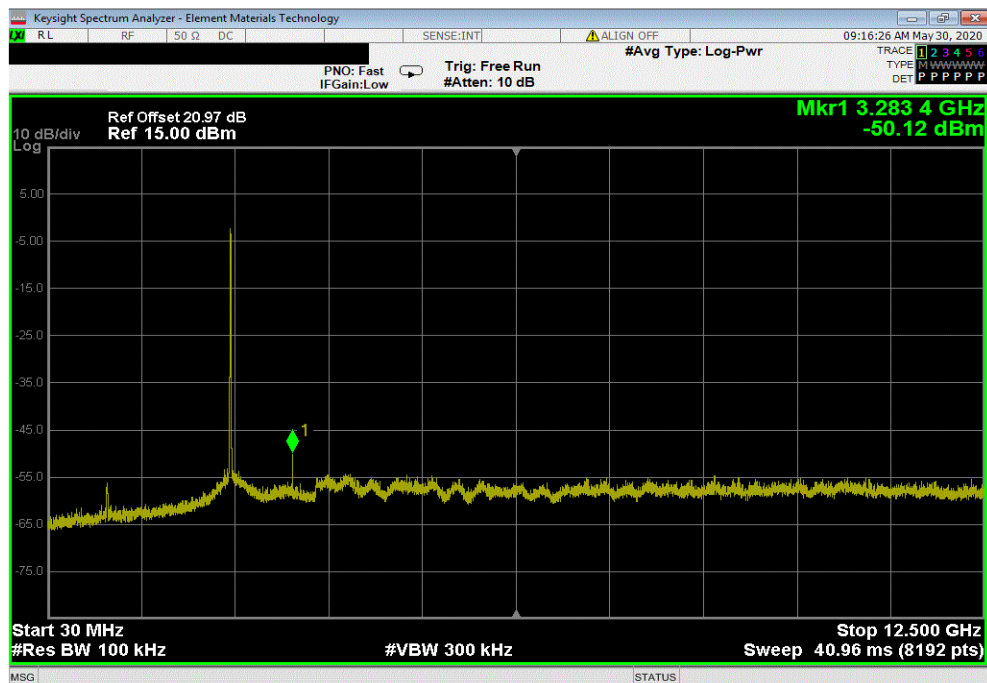


TbTtX 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 54 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2456.42	N/A	N/A	N/A	



20 MHz Bandwidth, 802.11(g) 54 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	3283.37	-47.75	-30	Pass	

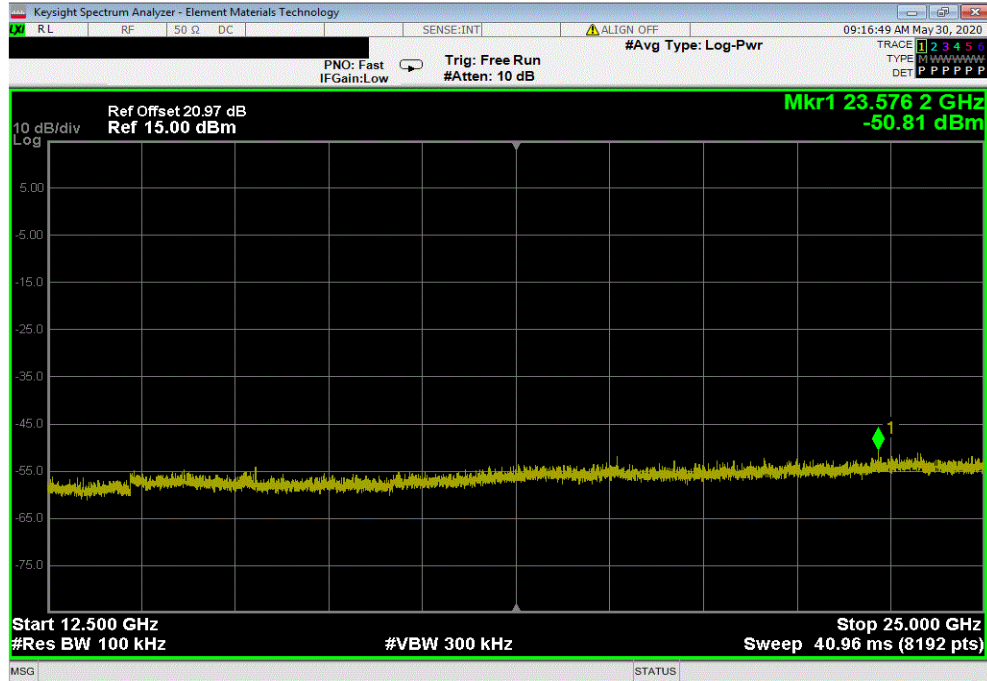


SPURIOUS CONDUCTED EMISSIONS

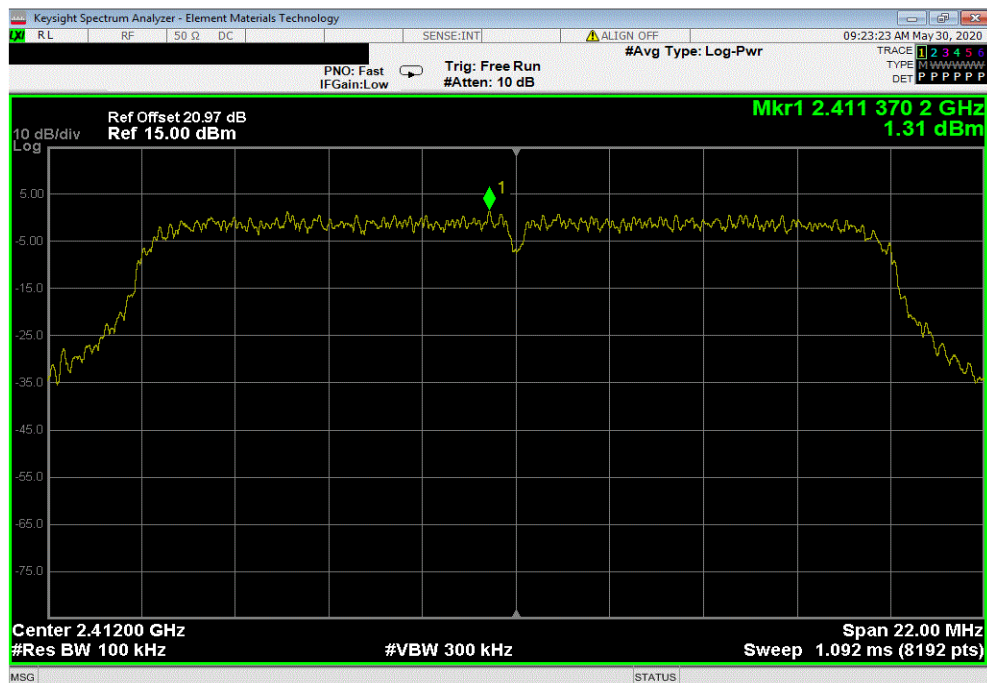


TbTx 2019.08.30.0 XMI 2020.03.25.0

20 MHz Bandwidth, 802.11(g) 54 Mbps, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23576.18	-48.43	-30	Pass	



20 MHz Bandwidth, 802.11(n) MCS0, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2411.37	N/A	N/A	N/A	

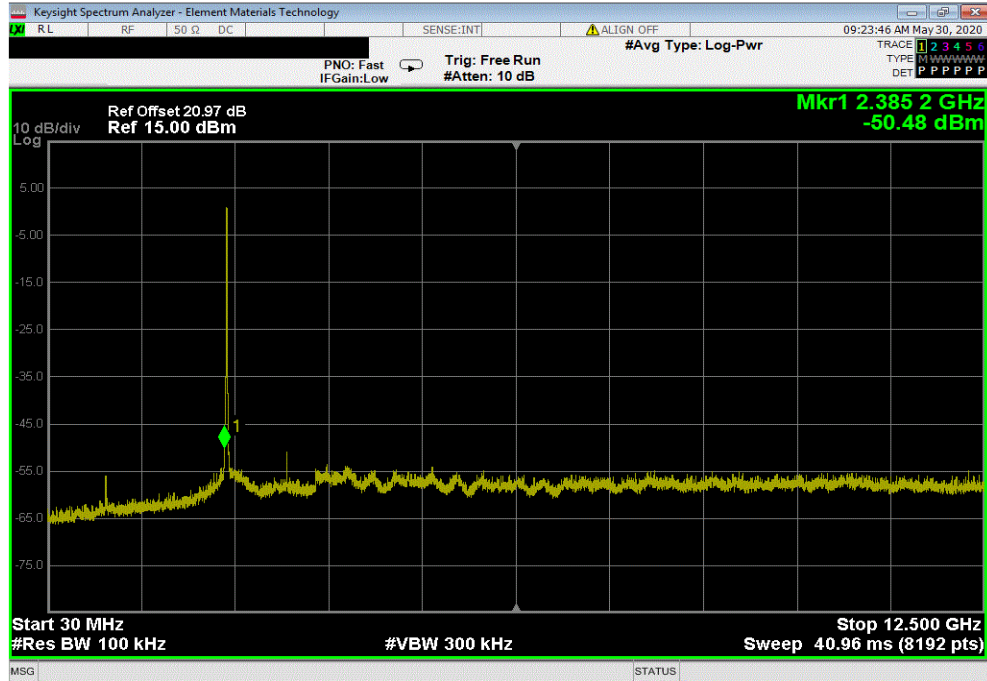


SPURIOUS CONDUCTED EMISSIONS

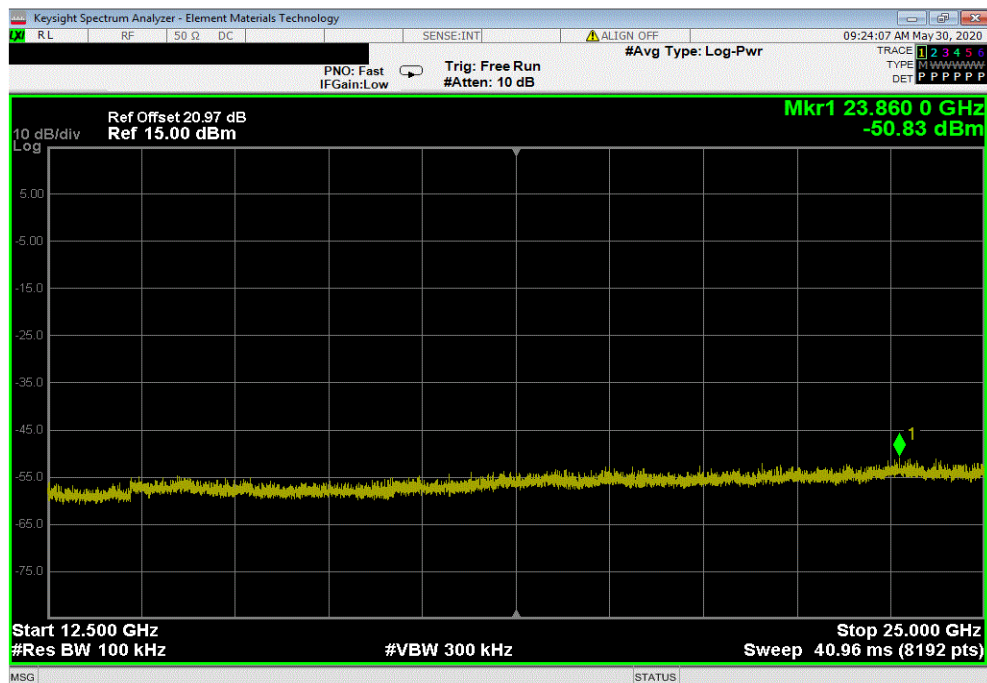


TMTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(n) MCS0, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	2385.16	-51.79	-30	Pass	



20 MHz Bandwidth, 802.11(n) MCS0, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23860.03	-52.14	-30	Pass	

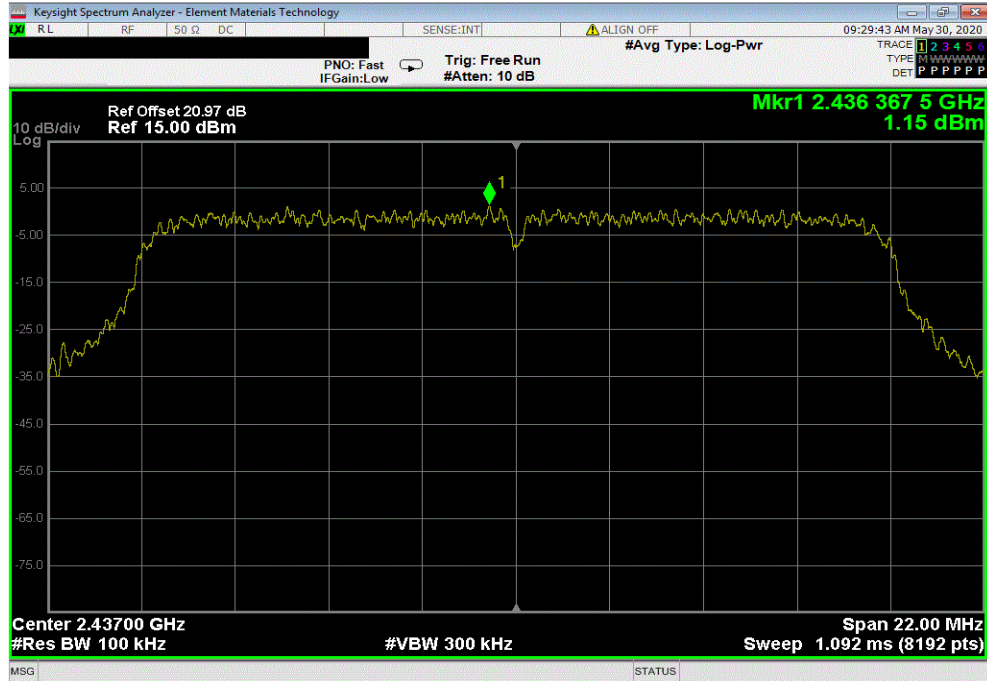


SPURIOUS CONDUCTED EMISSIONS

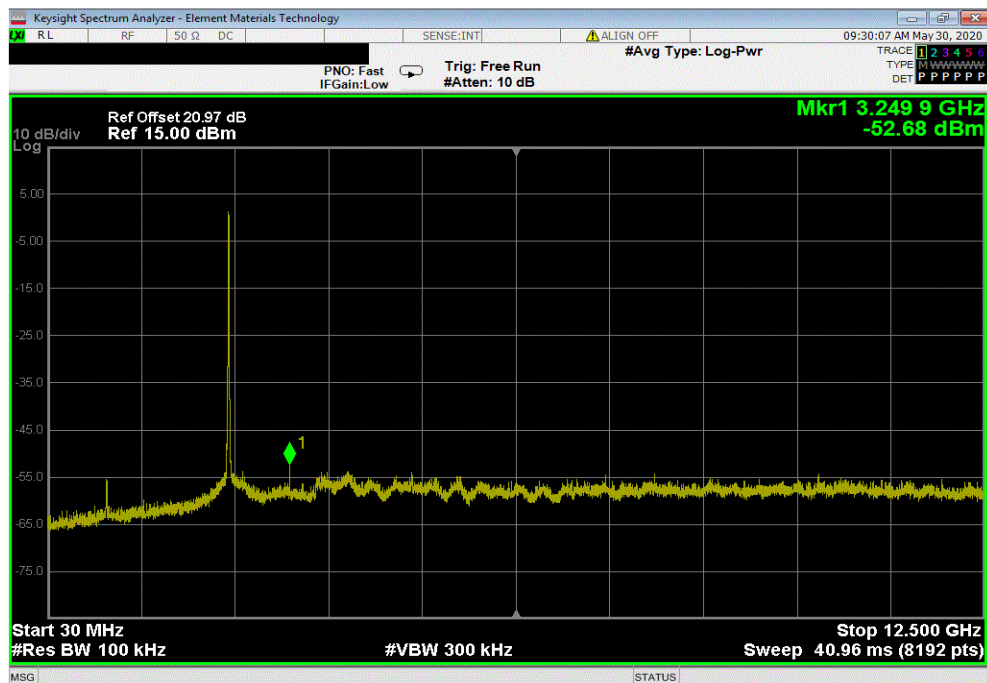


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(n) MCS0, Mid Channel 6, 2437 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2436.37	N/A	N/A	N/A		



20 MHz Bandwidth, 802.11(n) MCS0, Mid Channel 6, 2437 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3249.88	-53.83	-30	Pass		

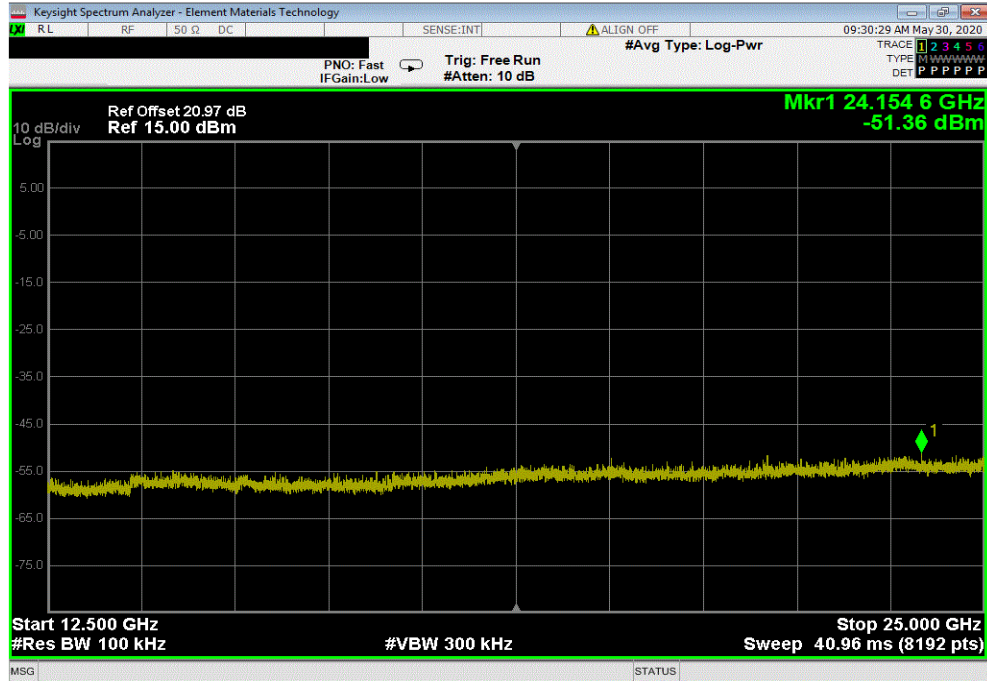


SPURIOUS CONDUCTED EMISSIONS

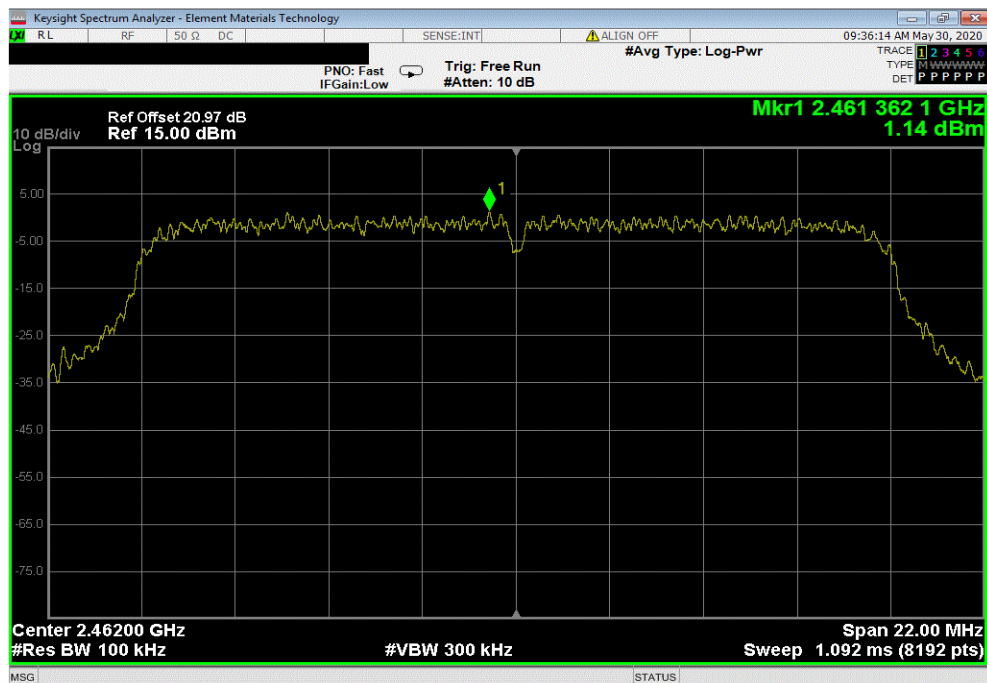


TMTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(n) MCS0, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24154.56	-52.51	-30	Pass	



20 MHz Bandwidth, 802.11(n) MCS0, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2461.36	N/A	N/A	N/A	

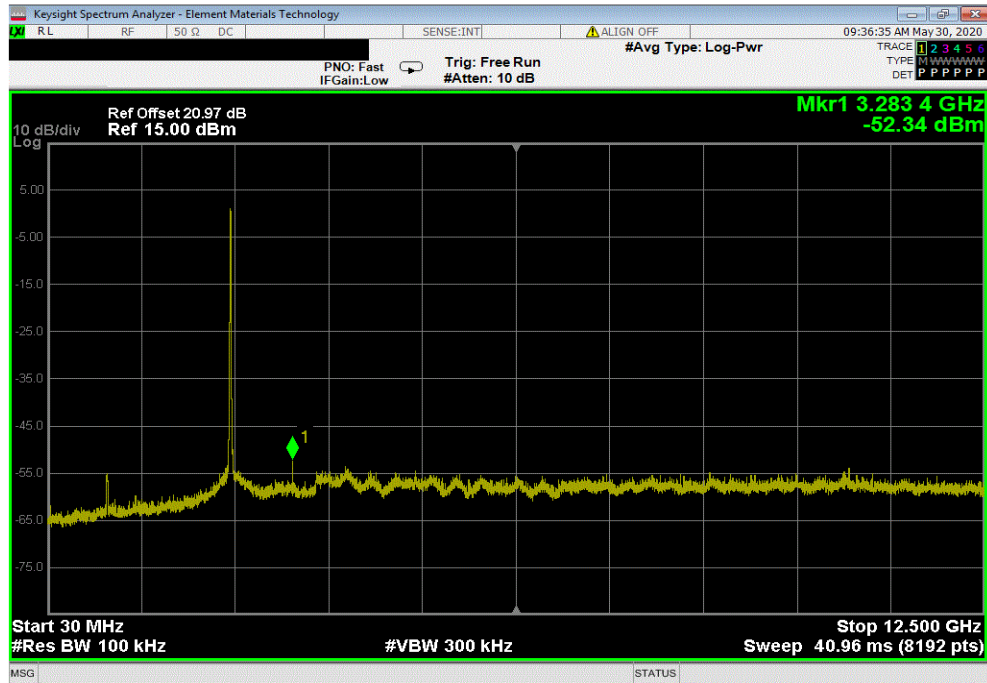


SPURIOUS CONDUCTED EMISSIONS

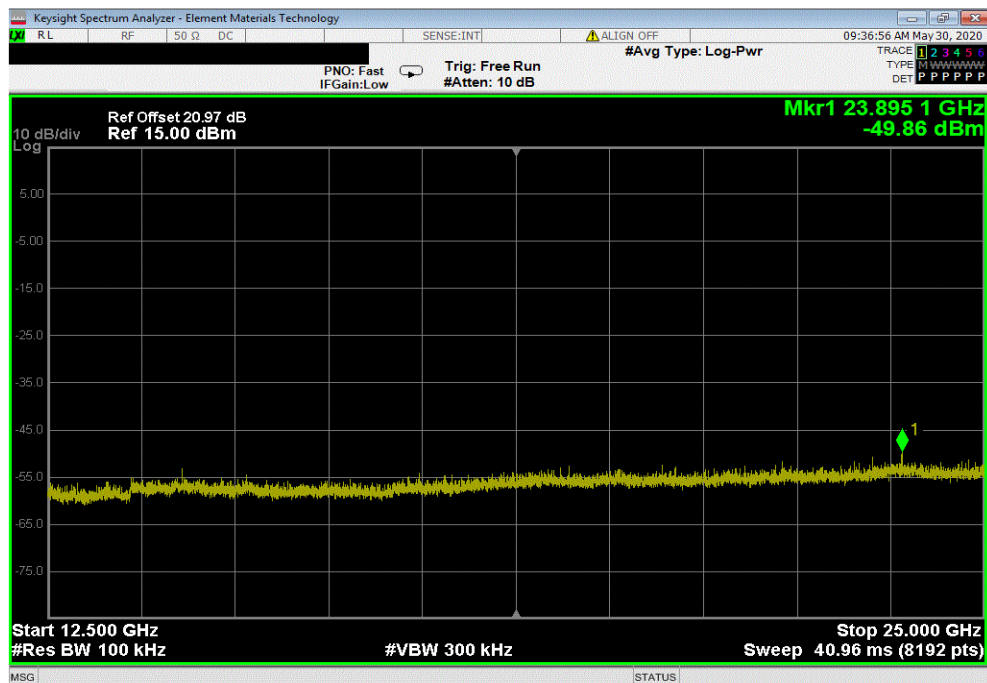


TMTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(n) MCS0, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	3283.37	-53.48	-30	Pass	



20 MHz Bandwidth, 802.11(n) MCS0, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23895.13	-51	-30	Pass	

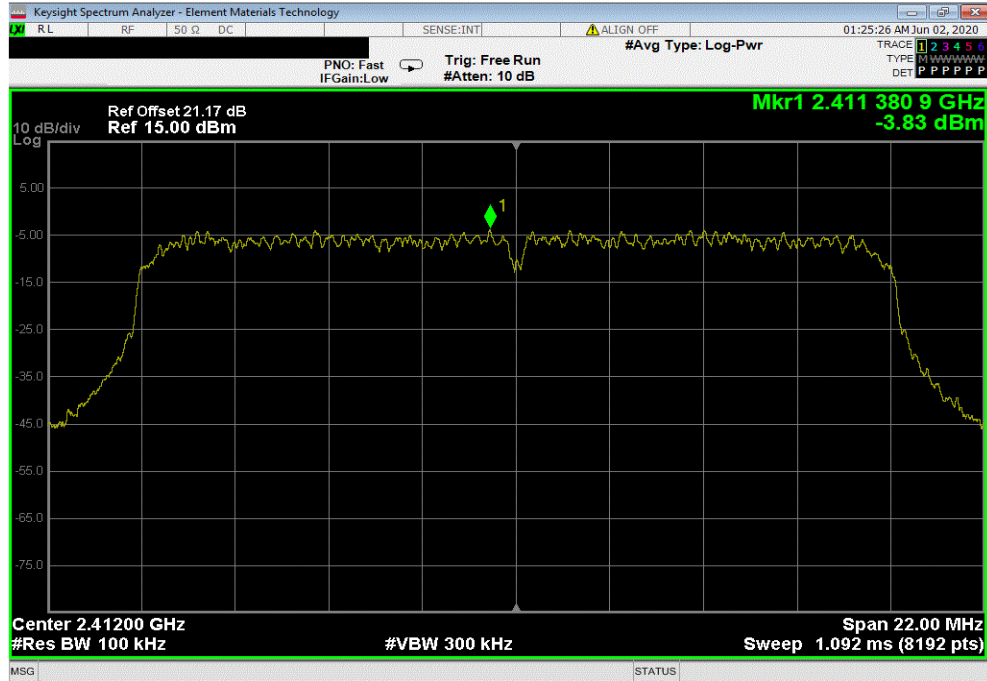


SPURIOUS CONDUCTED EMISSIONS

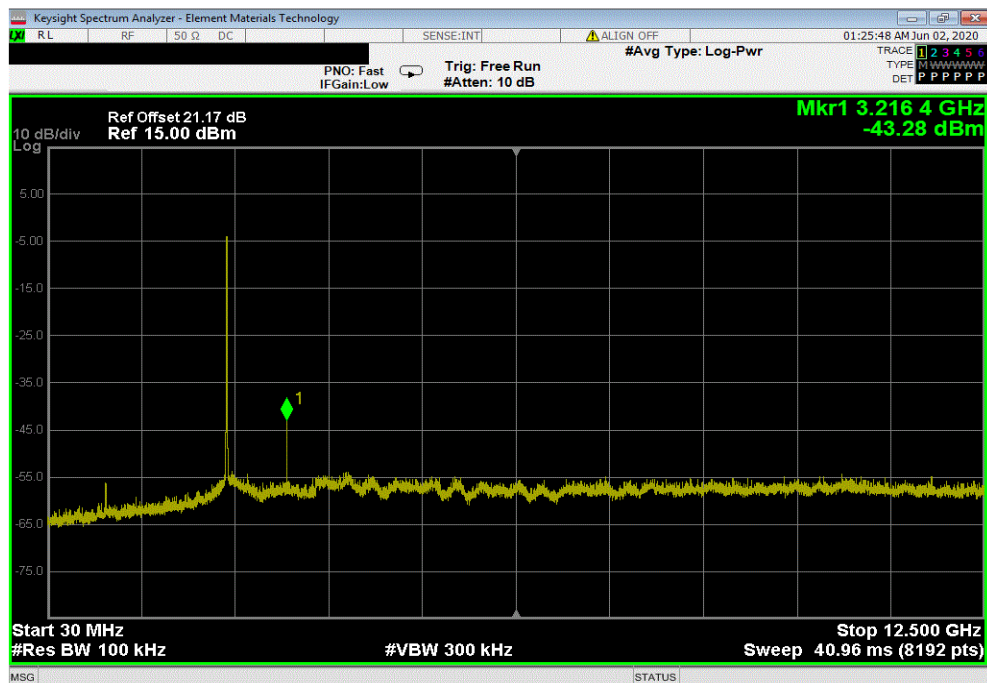


TbTtX 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(n) MCS7, Low Channel 1, 2412 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2411.38	N/A	N/A	N/A		



20 MHz Bandwidth, 802.11(n) MCS7, Low Channel 1, 2412 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3216.39	-39.45	-30	Pass		

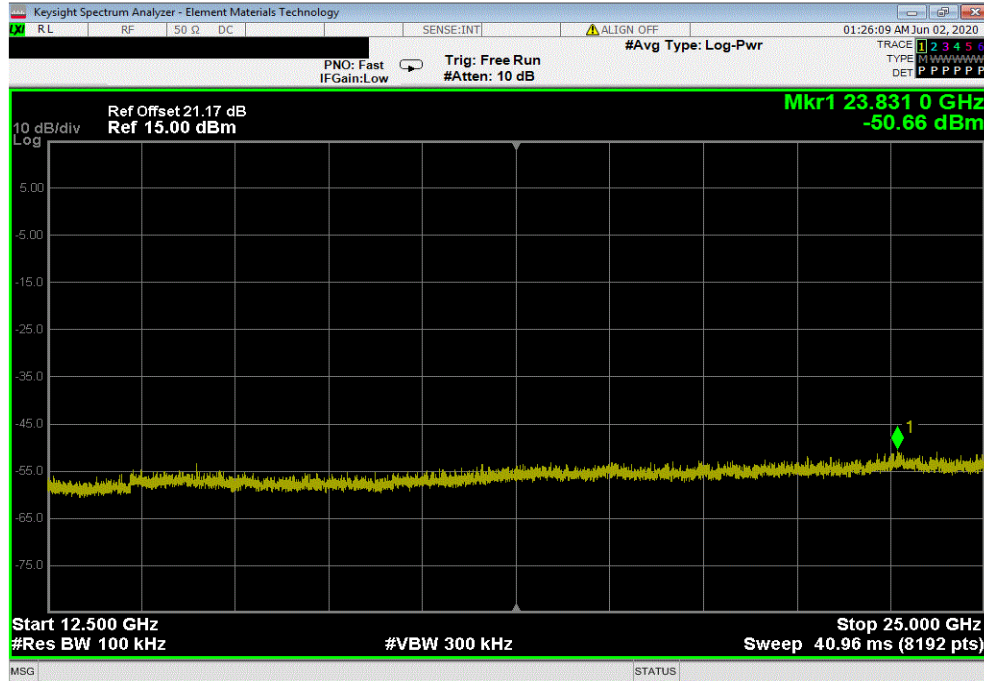


SPURIOUS CONDUCTED EMISSIONS

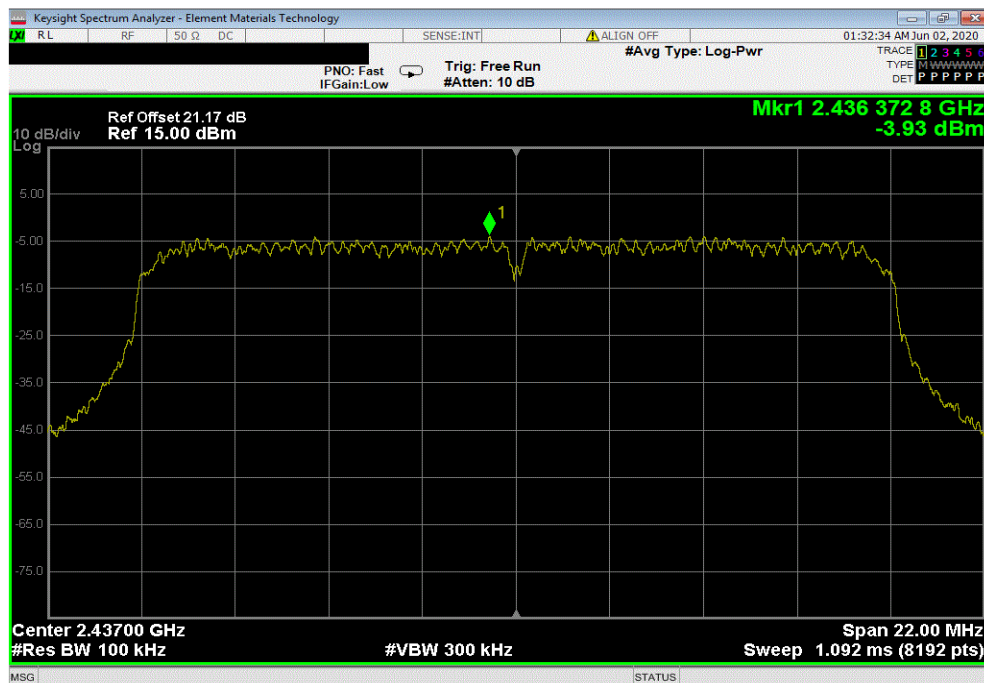


TbTtX 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(n) MCS7, Low Channel 1, 2412 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23831.03	-46.83	-30	Pass	



20 MHz Bandwidth, 802.11(n) MCS7, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2436.37	N/A	N/A	N/A	

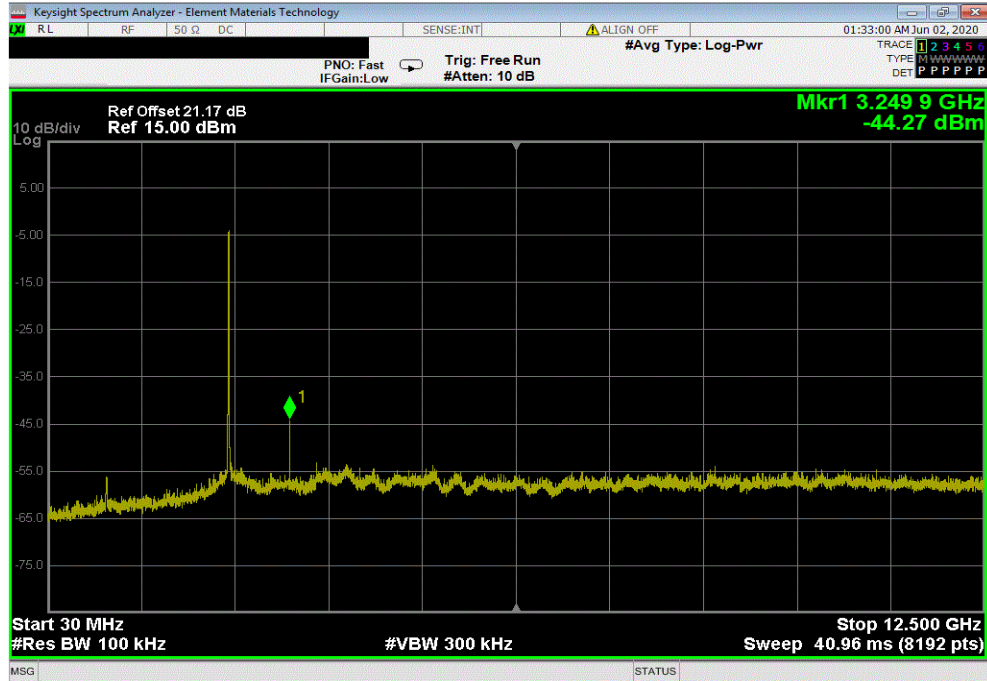


SPURIOUS CONDUCTED EMISSIONS

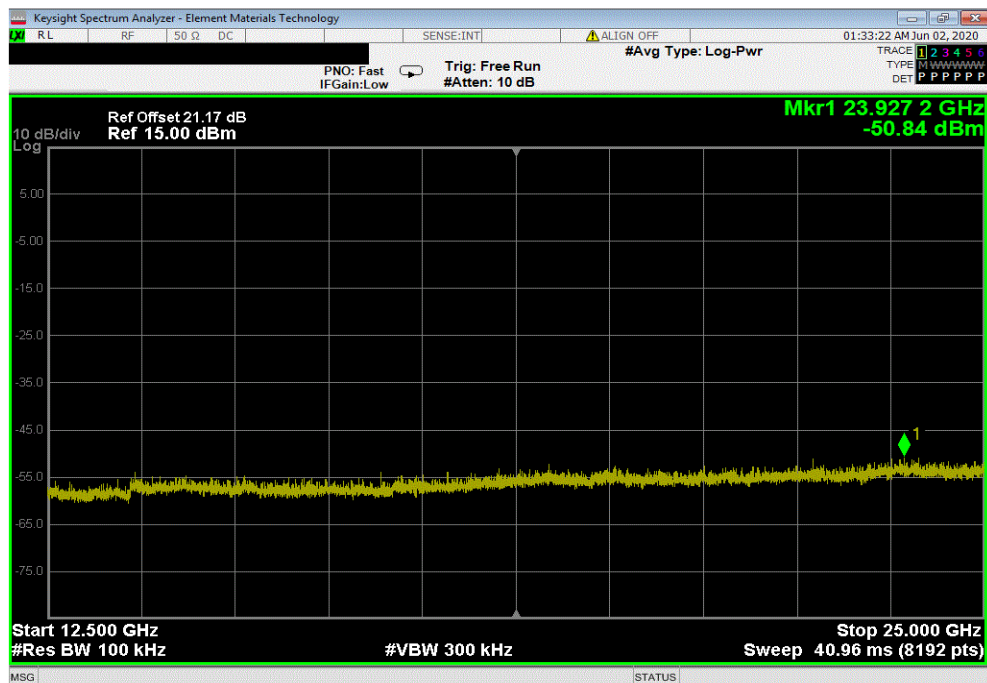


TbTtx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(n) MCS7, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	3249.88	-40.35	-30	Pass	



20 MHz Bandwidth, 802.11(n) MCS7, Mid Channel 6, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23927.18	-46.92	-30	Pass	

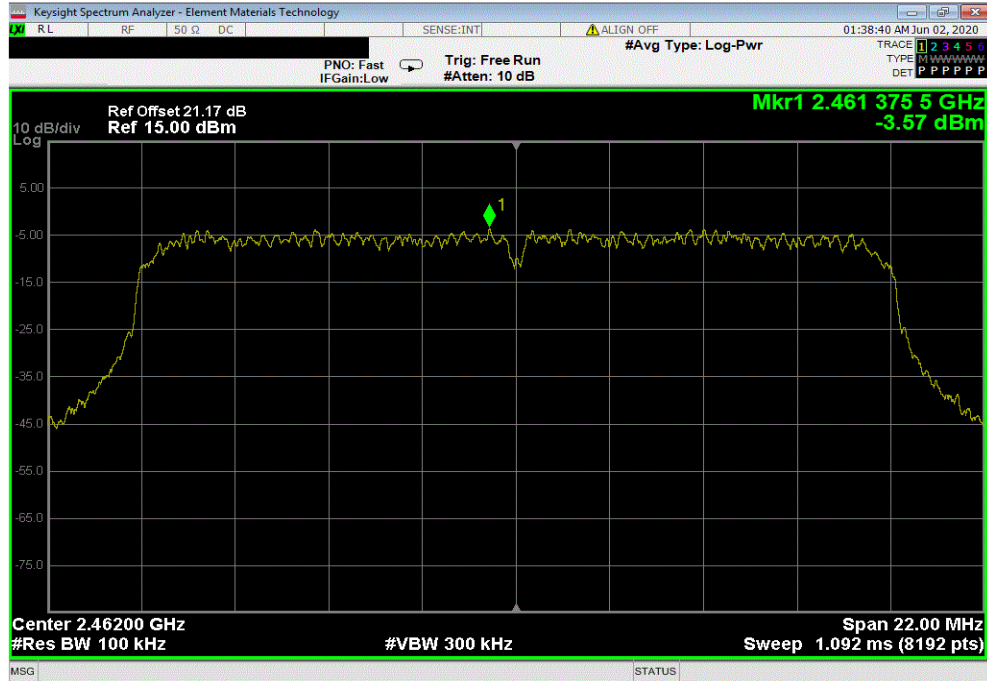


SPURIOUS CONDUCTED EMISSIONS

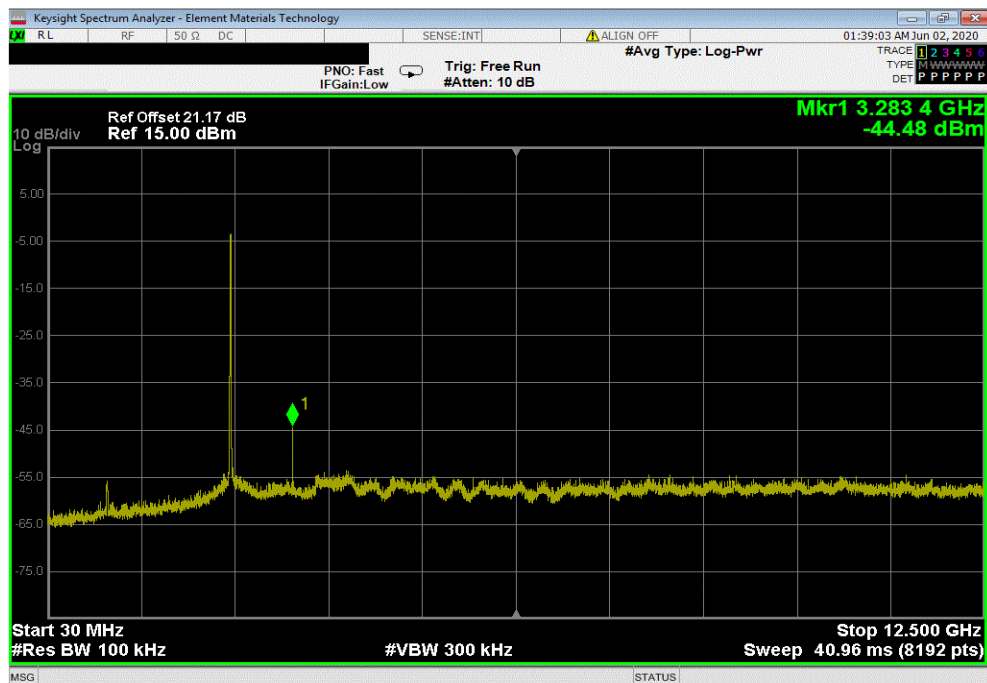


TbTtX 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(n) MCS7, High Channel 11, 2462 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2461.38	N/A	N/A	N/A		



20 MHz Bandwidth, 802.11(n) MCS7, High Channel 11, 2462 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3283.37	-40.91	-30	Pass		

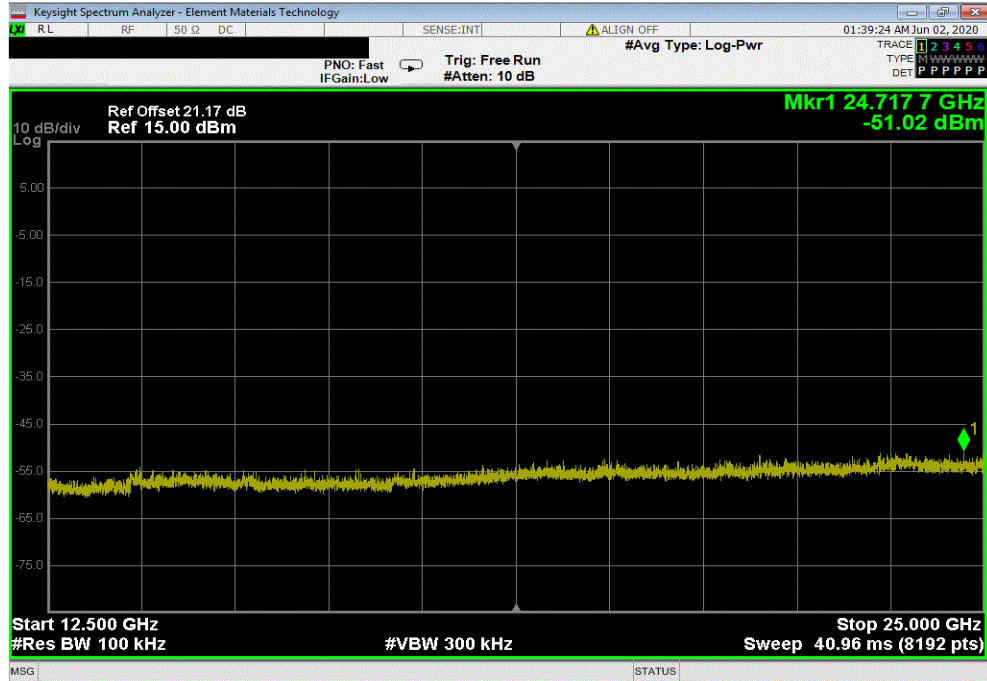


SPURIOUS CONDUCTED EMISSIONS

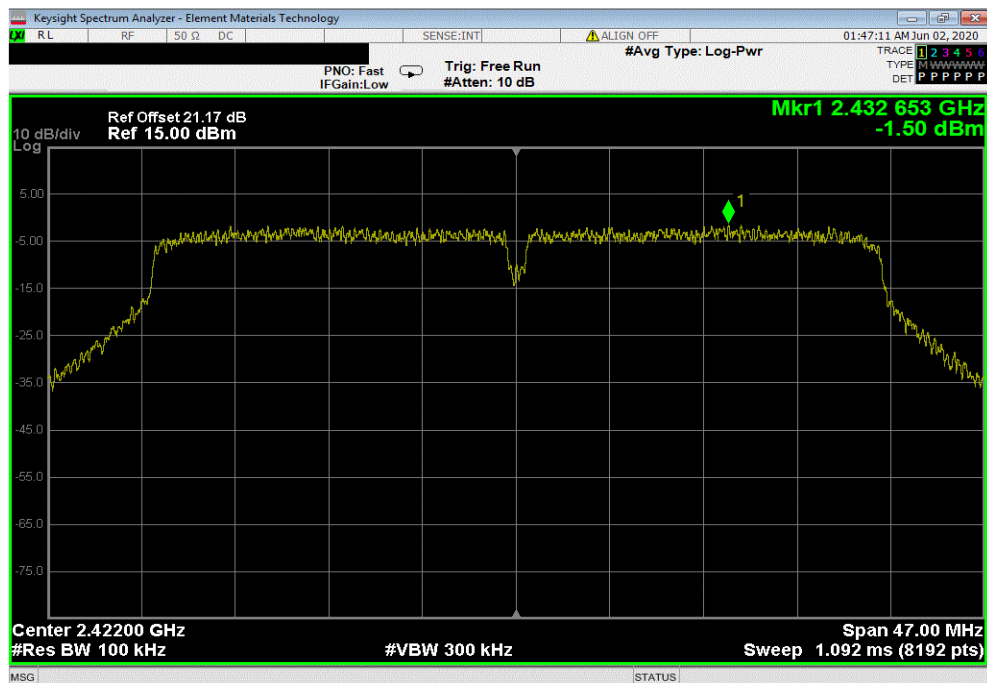


TbTx 2019.08.30.0 XMt 2020.03.25.0

20 MHz Bandwidth, 802.11(n) MCS7, High Channel 11, 2462 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24717.68	-47.45	-30	Pass	



40 MHz Bandwidth, 802.11(n) MCS0, Low Channel 1/5, 2422 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2432.65	N/A	N/A	N/A	

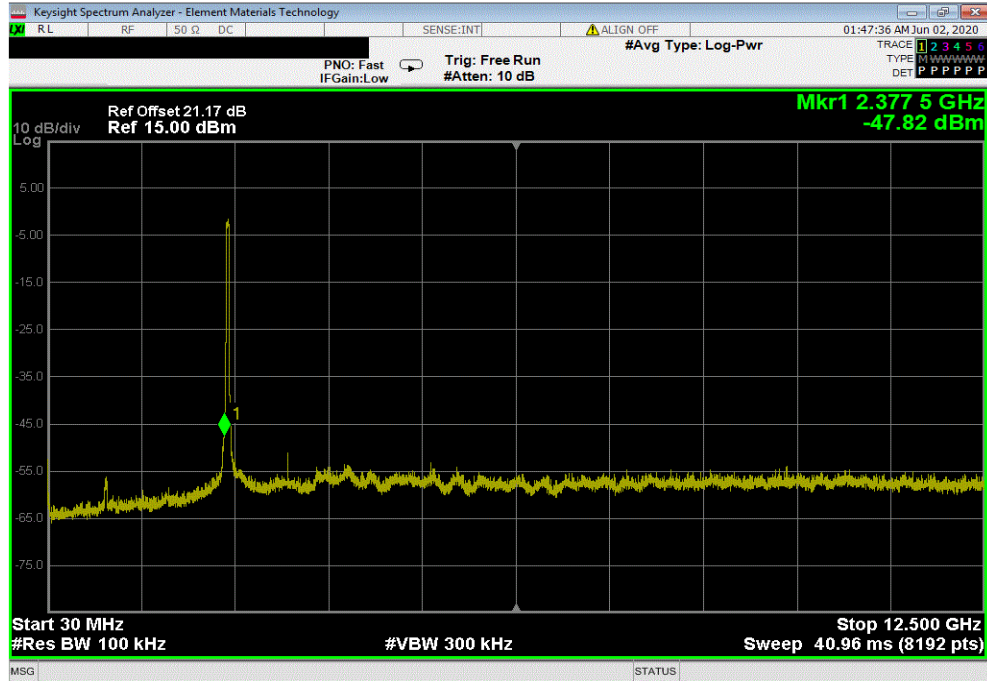


SPURIOUS CONDUCTED EMISSIONS

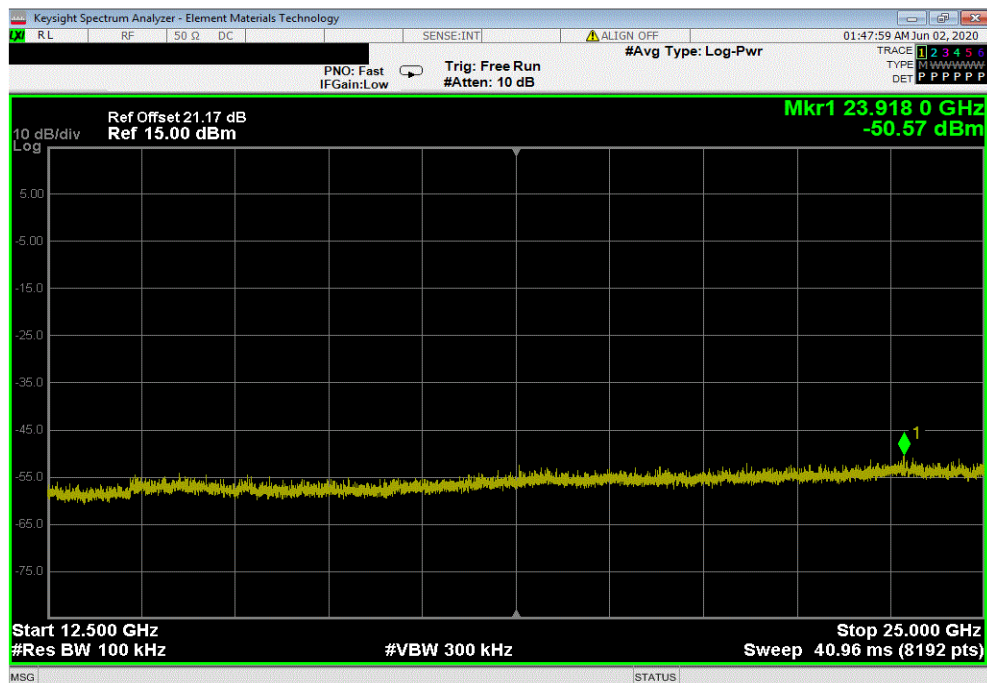


TbTx 2019.08.30.0 XMt 2020.03.25.0

40 MHz Bandwidth, 802.11(n) MCS0, Low Channel 1/5, 2422 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	2377.54	-46.32	-20	Pass	



40 MHz Bandwidth, 802.11(n) MCS0, Low Channel 1/5, 2422 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23918.02	-49.07	-20	Pass	

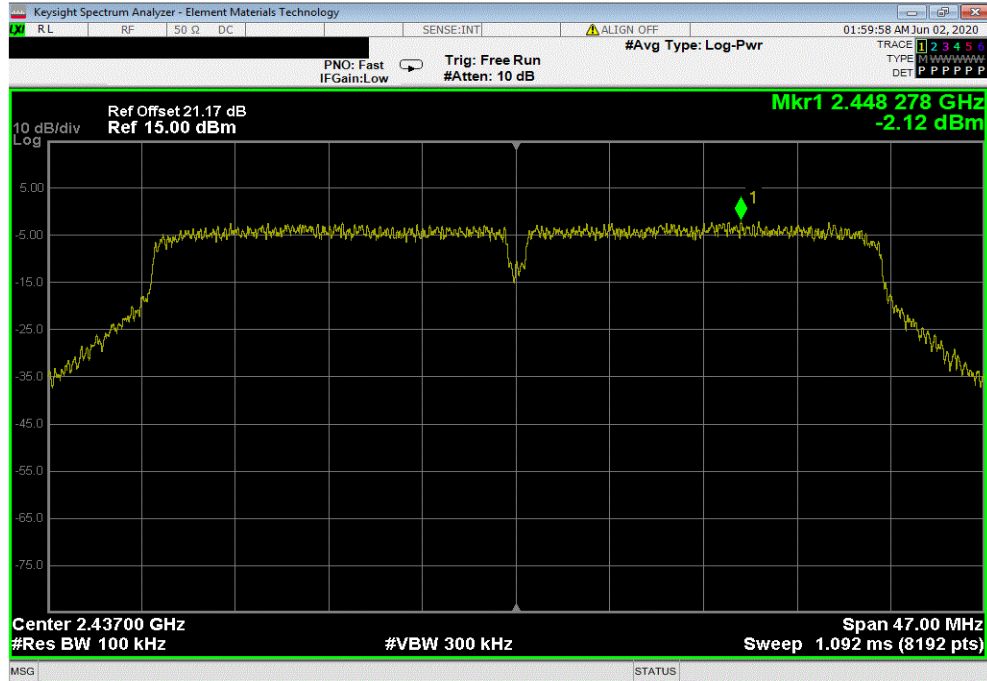


SPURIOUS CONDUCTED EMISSIONS

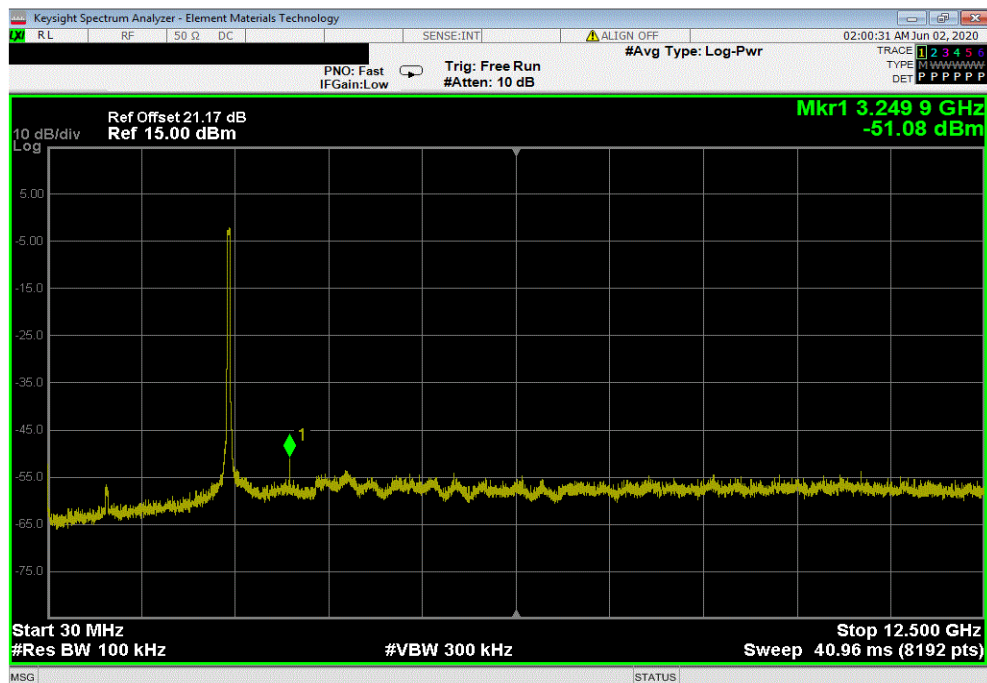


TMTx 2019.08.30.0 XMR 2020.03.25.0

40 MHz Bandwidth, 802.11(n) MCS0, Mid Channel 4/8, 2437 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2448.28	N/A	N/A	N/A		



40 MHz Bandwidth, 802.11(n) MCS0, Mid Channel 4/8, 2437 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3249.88	-48.97	-20	Pass		

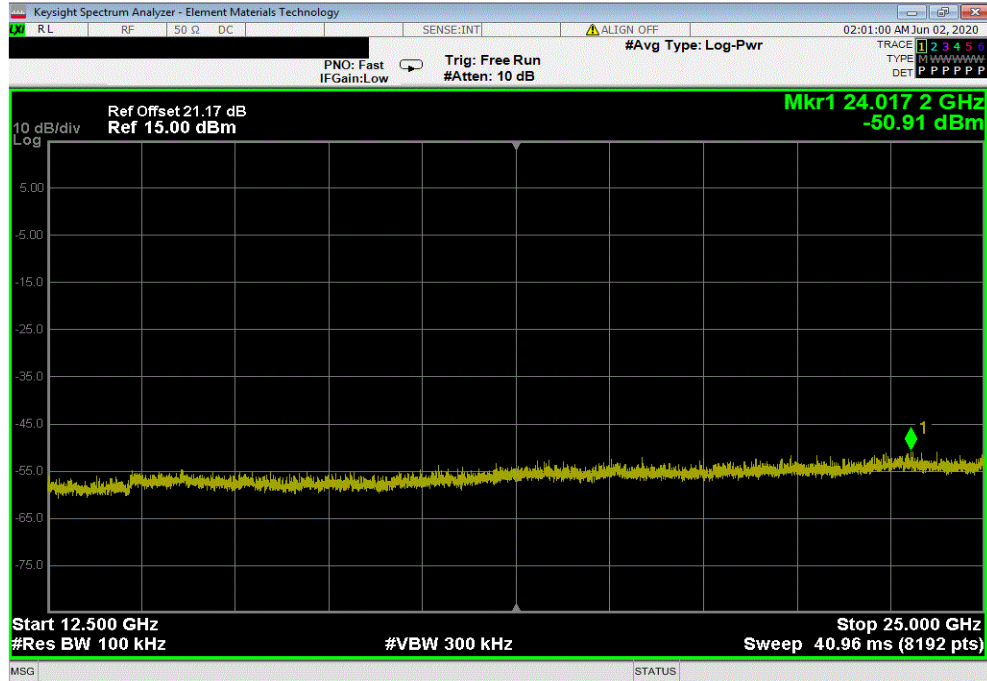


SPURIOUS CONDUCTED EMISSIONS

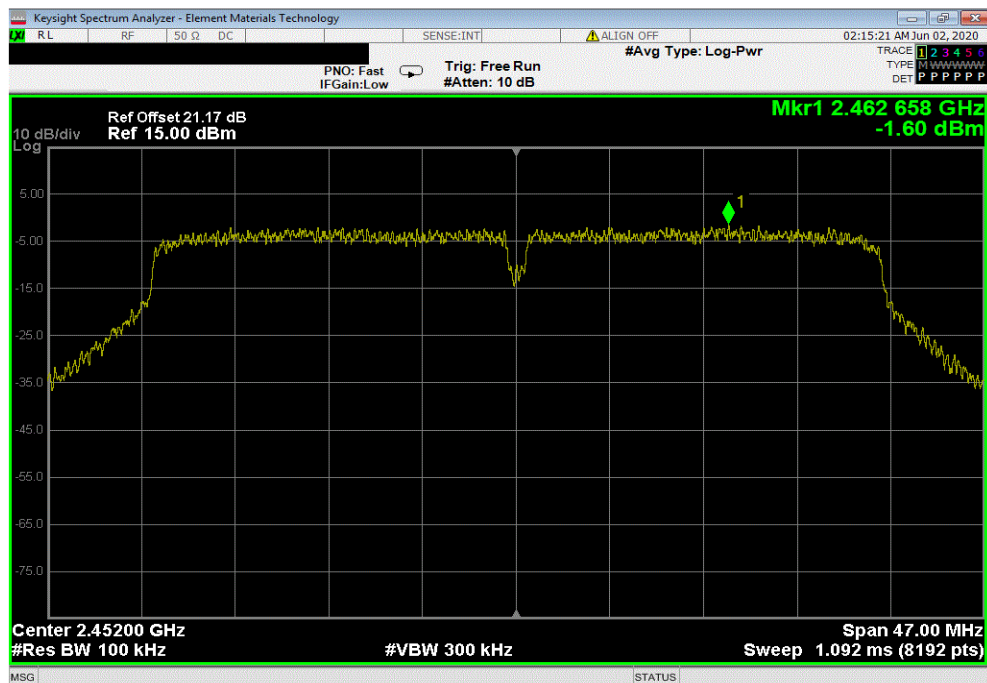


TbTx 2019.08.30.0 XMt 2020.03.25.0

40 MHz Bandwidth, 802.11(n) MCS0, Mid Channel 4/8, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24017.21	-48.79	-20	Pass	



40 MHz Bandwidth, 802.11(n) MCS0, High Channel 7/11, 2452 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2462.66	N/A	N/A	N/A	

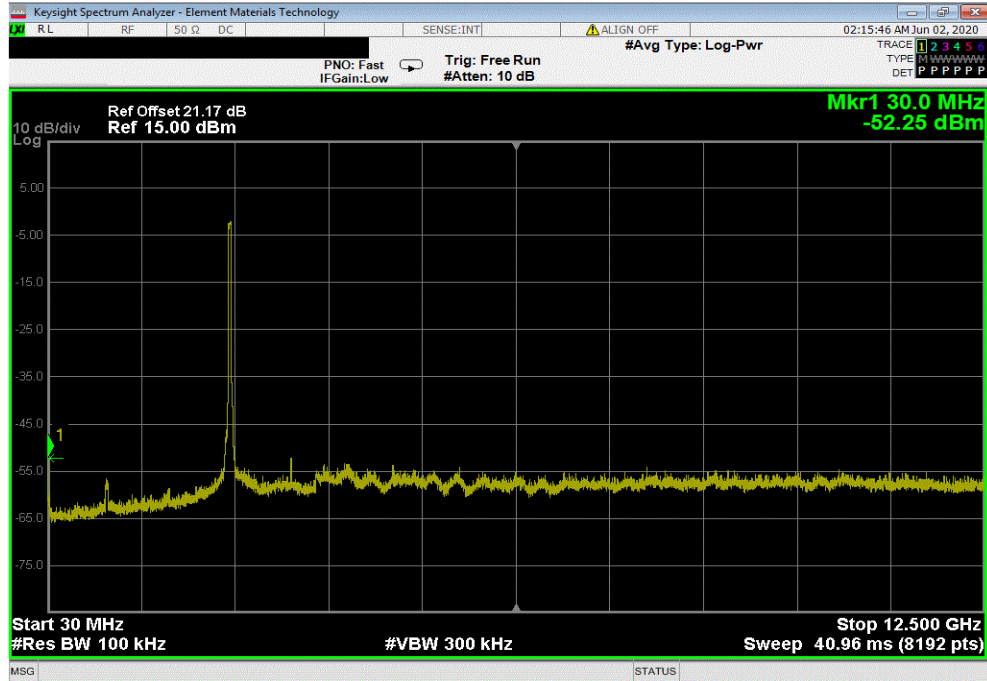


SPURIOUS CONDUCTED EMISSIONS

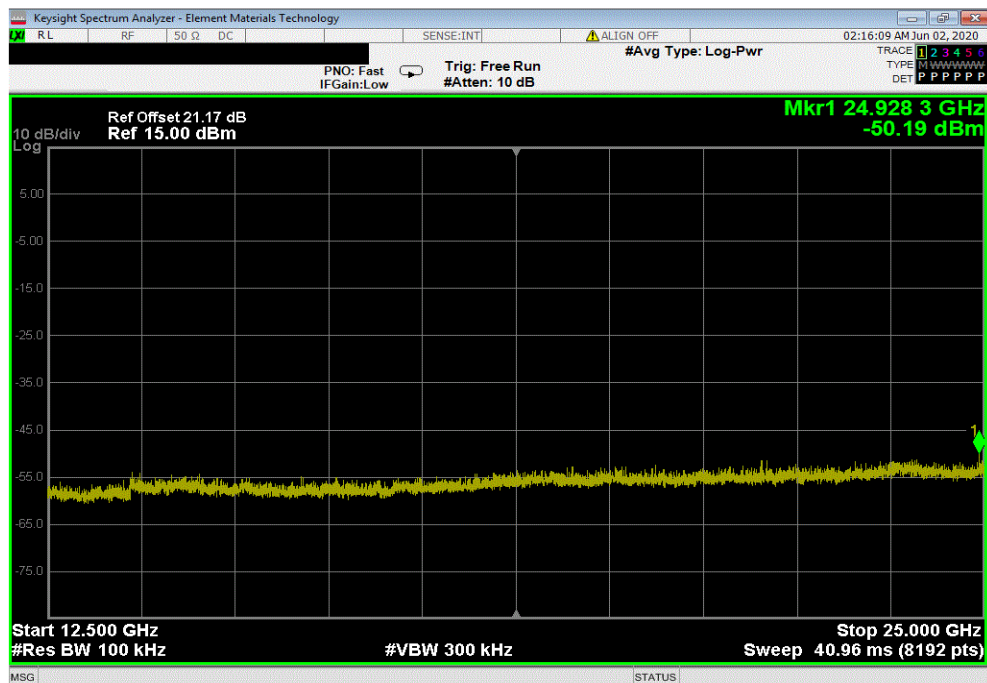


TbTx 2019.08.30.0 XMt 2020.03.25.0

40 MHz Bandwidth, 802.11(n) MCS0, High Channel 7/11, 2452 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	30	-50.65	-20	Pass	



40 MHz Bandwidth, 802.11(n) MCS0, High Channel 7/11, 2452 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24928.27	-48.59	-20	Pass	

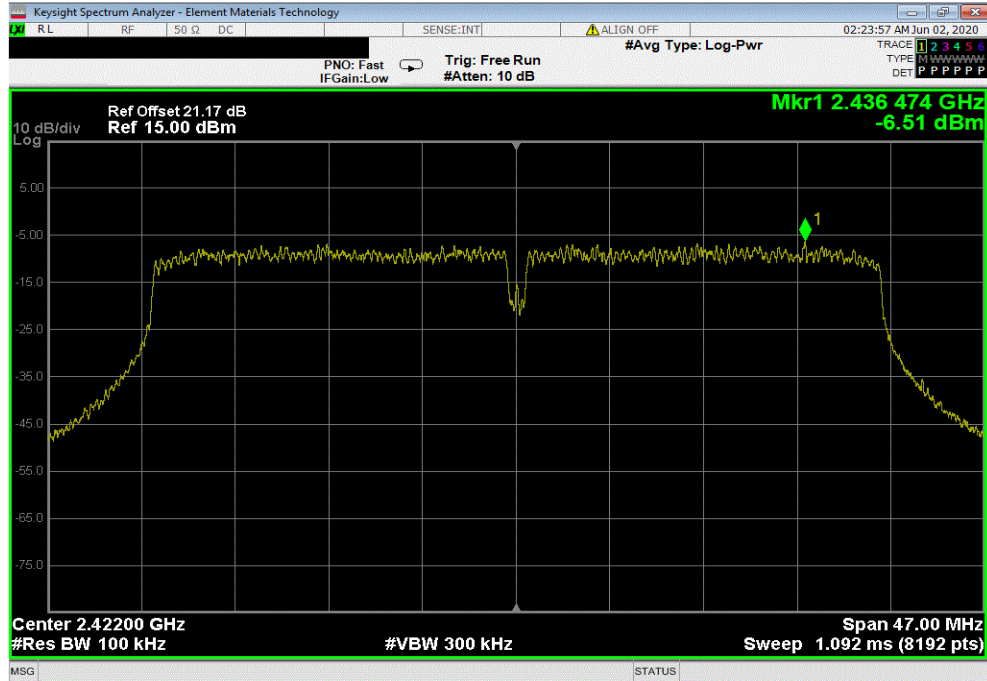


SPURIOUS CONDUCTED EMISSIONS

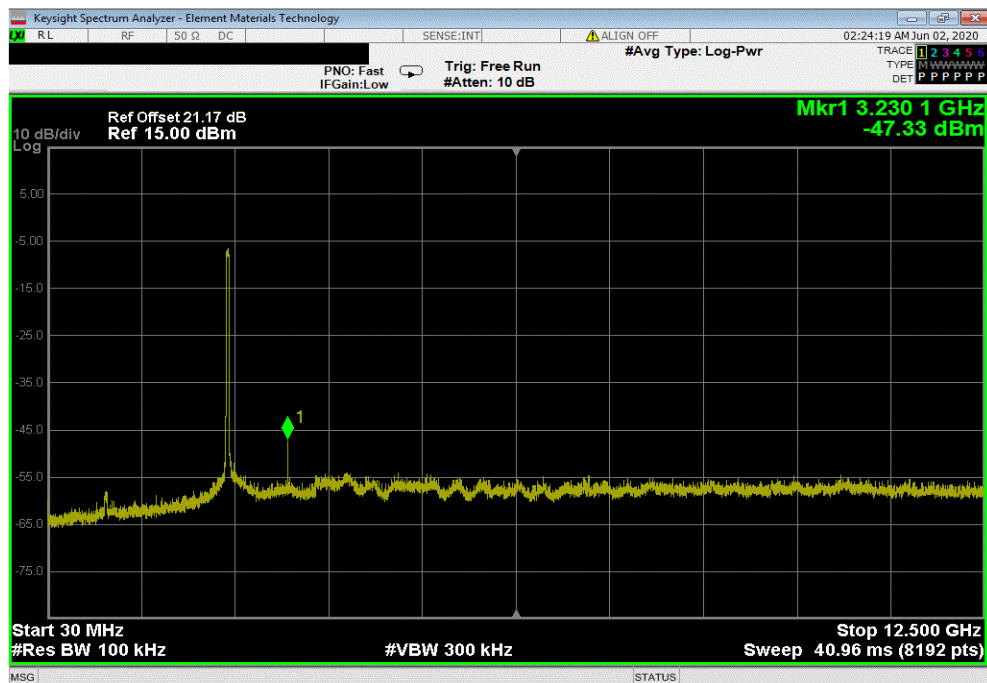


TbTx 2019.08.30.0 XMt 2020.03.25.0

40 MHz Bandwidth, 802.11(n) MCS7, Low Channel 1/5, 2422 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2436.47	N/A	N/A	N/A		



40 MHz Bandwidth, 802.11(n) MCS7, Low Channel 1/5, 2422 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3230.09	-40.82	-20	Pass		

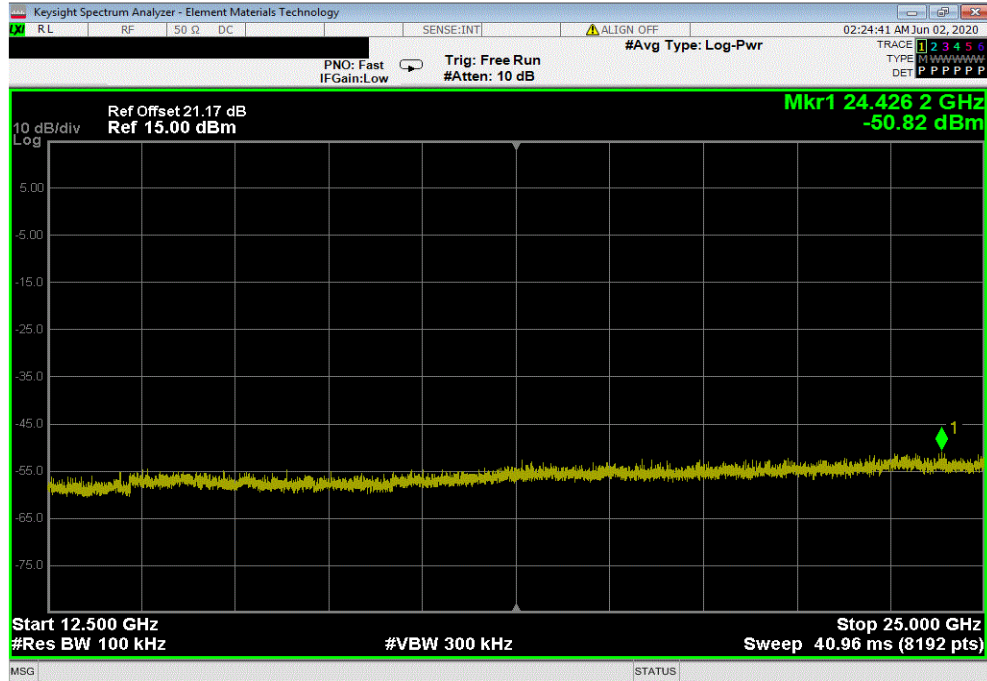


SPURIOUS CONDUCTED EMISSIONS

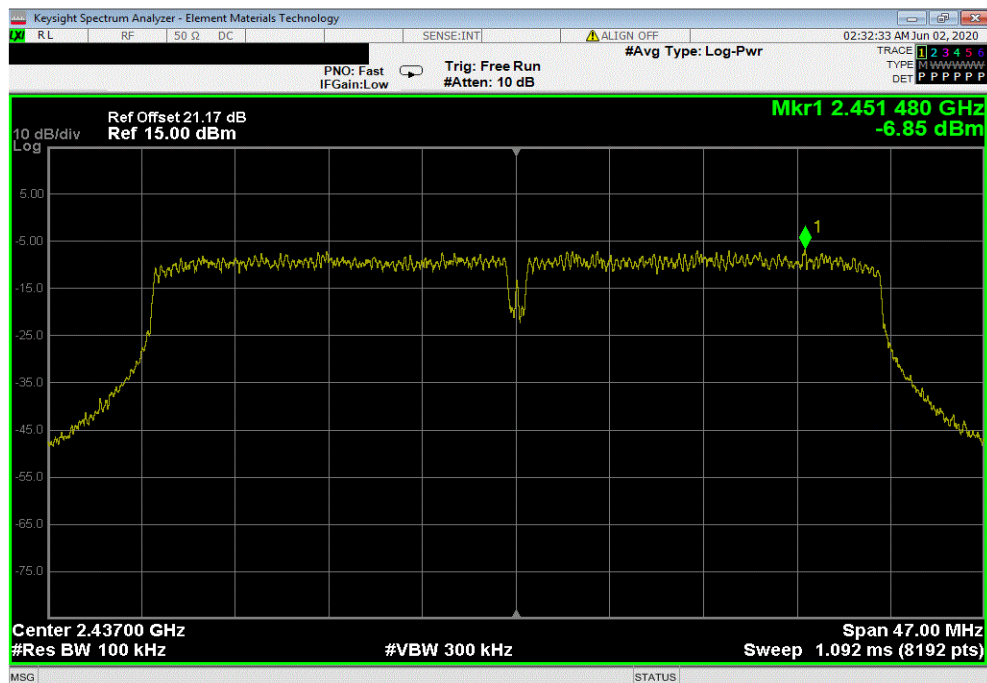


TMTx 2019.08.30.0 XMR 2020.03.25.0

40 MHz Bandwidth, 802.11(n) MCS7, Low Channel 1/5, 2422 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24426.2	-44.31	-20	Pass	



40 MHz Bandwidth, 802.11(n) MCS7, Mid Channel 4/8, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
Fundamental	2451.48	N/A	N/A	N/A	

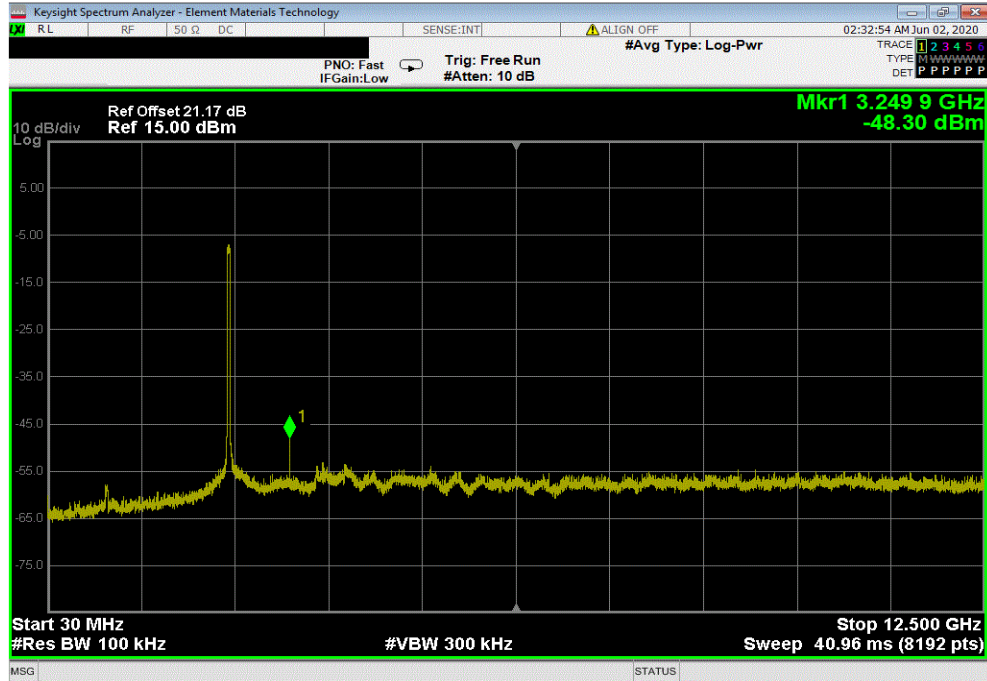


SPURIOUS CONDUCTED EMISSIONS

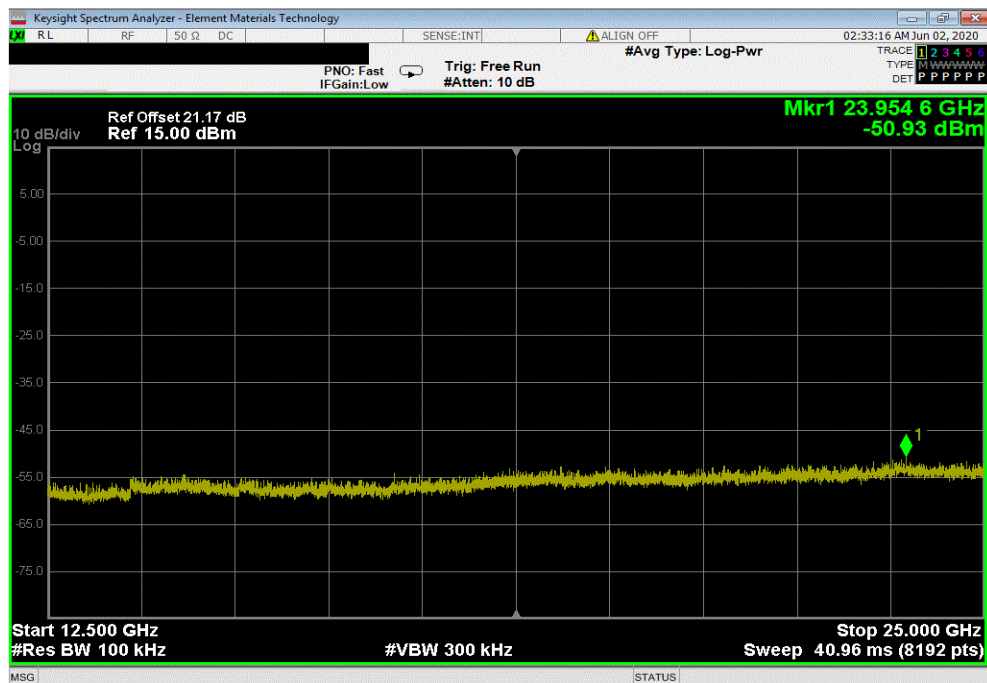


TMTx 2019.08.30.0 XMt 2020.03.25.0

40 MHz Bandwidth, 802.11(n) MCS7, Mid Channel 4/8, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
30 MHz - 12.5 GHz	3249.88	-41.45	-20	Pass	



40 MHz Bandwidth, 802.11(n) MCS7, Mid Channel 4/8, 2437 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	23954.65	-44.09	-20	Pass	

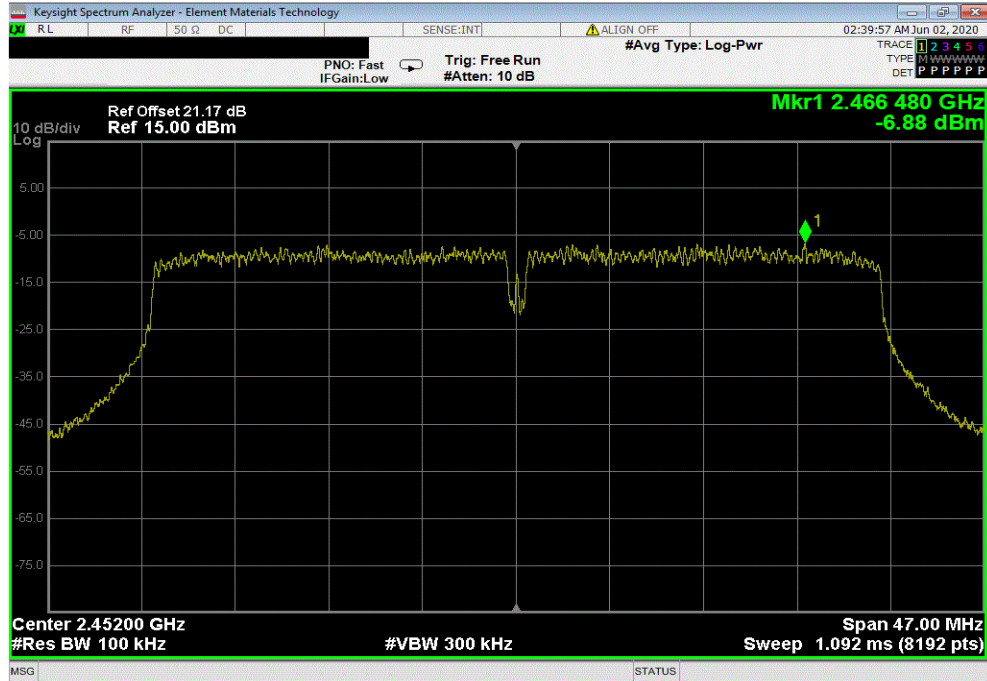


SPURIOUS CONDUCTED EMISSIONS

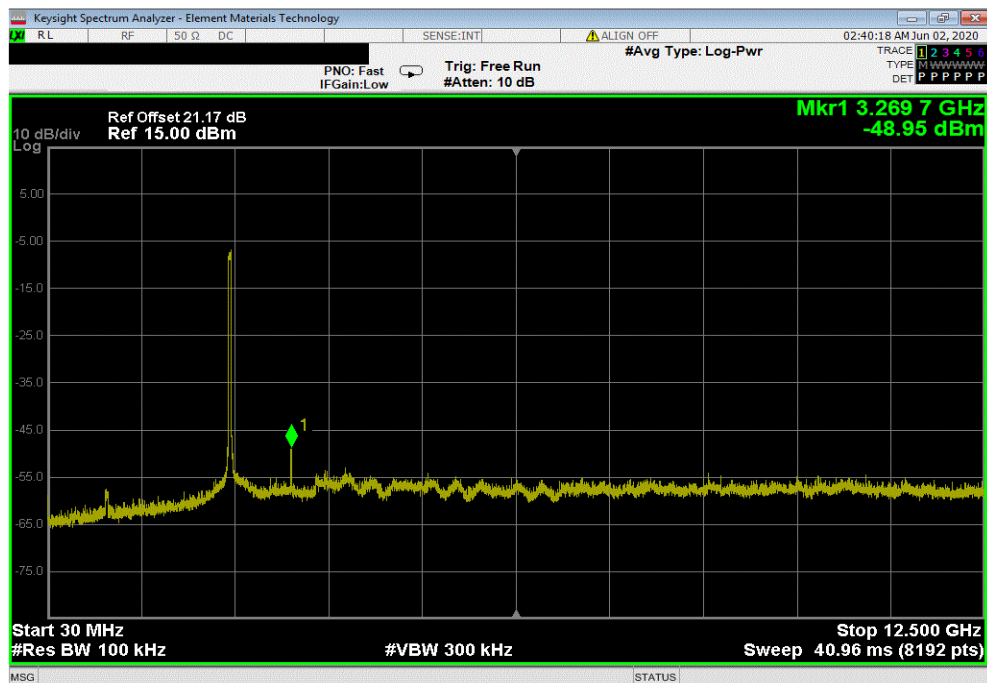


TbTtx 2019.08.30.0 XMt 2020.03.25.0

40 MHz Bandwidth, 802.11(n) MCS7, High Channel 7/11, 2452 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
Fundamental	2466.48	N/A	N/A	N/A		



40 MHz Bandwidth, 802.11(n) MCS7, High Channel 7/11, 2452 MHz						
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result		
30 MHz - 12.5 GHz	3269.67	-42.07	-20	Pass		



SPURIOUS CONDUCTED EMISSIONS



TbTtx 2019.08.30.0 XMt 2020.03.25.0

40 MHz Bandwidth, 802.11(n) MCS7, High Channel 7/11, 2452 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBc)	Limit ≤ (dBc)	Result	
12.5 GHz - 25 GHz	24995.42	-43.97	-20	Pass	

