

SPURIOUS CONDUCTED EMISSIONS



XMIT 2020.03.25.0

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
Analyzer - Spectrum Analyzer	Agilent	N9010A	AFL	27-Feb-20	27-Feb-21
Generator - Signal	Keysight	N5171B-506	TEW	2-May-18	2-May-21
Generator - Signal	Agilent	N5173B	TIW	5-Jul-17	5-Jul-20

TEST DESCRIPTION

The antenna port spurious emissions were measured at the RF output terminal of the EUT through 3 different attenuation configurations which continues through to the RF input of the spectrum analyzer. Analyzer plots utilizing a resolution bandwidth called out by the client's test plan were made for each modulation type from 9 KHz to 8 GHz. The peak conducted power of spurious emissions, up to the 10th harmonic of the transmit frequency, were investigated to ensure they were less than the limits also called out by the client's test plan shown below.

The measurement methods are detailed in KDB 971168 D01v03 section 6 and ANSI C63.26-2015.

Per FCC 2.1057(a)(1) and RSS Gen 6.13, the upper level of measurement is the 10th harmonic of the highest fundamental frequency.

These measurements are for the frequency band after the first 1.0 MHz bands immediately outside and adjacent to the frequency block.

Per section 27.53(g) and RSS 130 4.7, the power of any emission outside of the authorized operating frequency range cannot exceed -13 dBm for a 100kHz measurement bandwidth. The limit is adjusted to -19 dBm $[-13 \text{ dBm} - 10 \log(4)]$ per FCC KDB 662911D01 v02r01 because the BTS may operate as a 4 port MIMO transmitter.

The limit for the 9kHz to 150kHz frequency range was adjusted to -39dBm to correct for a spectrum analyzer RBW of 1kHz versus required RBW of 100kHz [i.e.: $-39\text{dBm} = -19\text{dBm} - 10\log(100\text{kHz}/1\text{kHz})$]. The limit for the 150kHz to 20MHz frequency range was adjusted to -29dBm to correct for a spectrum analyzer RBW of 10kHz versus required RBW of 100kHz [i.e.: $-29\text{dBm} = -19\text{dBm} - 10\log(100\text{kHz}/10\text{kHz})$]. The required limit of -19dBm with a RBW of > 100kHz was used for all other frequency ranges.

RF conducted emissions testing was performed only on one port. The testing was performed on the same version of hardware (AHBOA) as the original certification test. The AHBOA antenna ports are essentially electrically identical (the RF power variation between antenna ports is small as shown in the original certification testing) and antenna port 1 was selected to perform the testing under this effort as allowed by ANSI C63.26-2015 paragraph 5.7.2i.

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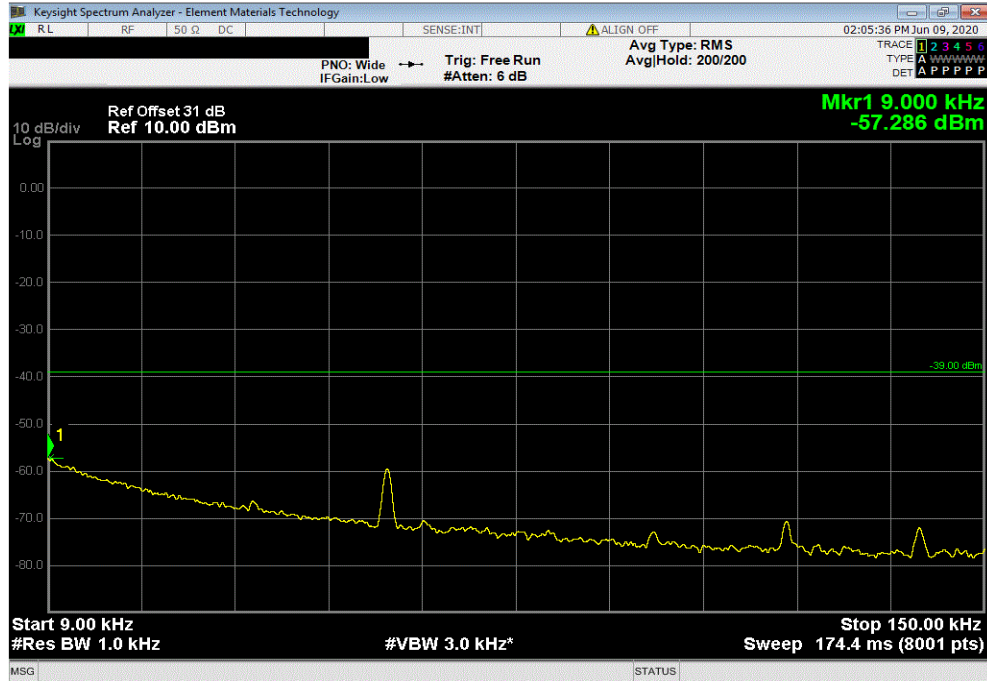
EUT: Aircscale Base Transceiver Station Remote Radio Head Model AHBOA		Work Order: NOKI0017				
Serial Number: BL1943X1001		Date: 9-Jun-20				
Customer: Nokia Solutions and Networks		Temperature: 22.5 °C				
Attendees: Mitchell Hill, John Rattanavong		Humidity: 42.5% RH				
Project: None		Barometric Pres.: 1009 mbar				
Tested by: Brandon Hobbs		Power: 54 VDC	Job Site: TX05			
TEST SPECIFICATIONS		Test Method				
FCC 27:2020		ANSI C63.26:2015				
RSS-130:2019		RSS-Gen:2019				
COMMENTS						
All measurement path losses were accounted for in the reference level offset including any attenuators, filters and DC blocks. The carrier power was set to maximum for all testing.						
DEVIATIONS FROM TEST STANDARD						
None						
Configuration #	1,2,3	Signature 				
		Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result
Port 1, Band 71, 617 MHz - 652 MHz						
5 MHz Bandwidth						
QPSK Modulation						
	Mid Channel, 634.5 MHz	9 kHz - 150 kHz	0.01	-57.29	-39	Pass
	Mid Channel, 634.5 MHz	150 kHz - 20 MHz	8.71	-59.49	-29	Pass
	Mid Channel, 634.5 MHz	20 MHz - 600 MHz	435.99	-33.15	-19	Pass
	Mid Channel, 634.5 MHz	600 MHz - 800 MHz	743.83	-42.01	-19	Pass
	Mid Channel, 634.5 MHz	800 MHz - 1.2 GHz	822.45	-38.45	-19	Pass
	Mid Channel, 634.5 MHz	1.2 GHz - 8 GHz	3855.40	-36.90	-19	Pass
16-QAM Modulation						
	Mid Channel, 634.5 MHz	9 kHz - 150 kHz	0.01	-57.70	-39	Pass
	Mid Channel, 634.5 MHz	150 kHz - 20 MHz	8.71	-59.39	-29	Pass
	Mid Channel, 634.5 MHz	20 MHz - 600 MHz	429.56	-35.12	-19	Pass
	Mid Channel, 634.5 MHz	600 MHz - 800 MHz	754.43	-41.64	-19	Pass
	Mid Channel, 634.5 MHz	800 MHz - 1.2 GHz	820.85	-38.93	-19	Pass
	Mid Channel, 634.5 MHz	1.2 GHz - 8 GHz	3839.25	-35.51	-19	Pass
64-QAM Modulation						
	Mid Channel, 634.5 MHz	9 kHz - 150 kHz	0.01	-56.93	-39	Pass
	Mid Channel, 634.5 MHz	150 kHz - 20 MHz	8.71	-59.46	-29	Pass
	Mid Channel, 634.5 MHz	20 MHz - 600 MHz	429.71	-34.67	-19	Pass
	Mid Channel, 634.5 MHz	600 MHz - 800 MHz	747.68	-41.21	-19	Pass
	Mid Channel, 634.5 MHz	800 MHz - 1.2 GHz	813.55	-38.61	-19	Pass
	Mid Channel, 634.5 MHz	1.2 GHz - 8 GHz	3772.10	-36.38	-19	Pass
256-QAM Modulation						
	Mid Channel, 634.5 MHz	9 kHz - 150 kHz	0.01	-57.05	-39	Pass
	Mid Channel, 634.5 MHz	150 kHz - 20 MHz	8.70	-59.49	-29	Pass
	Mid Channel, 634.5 MHz	20 MHz - 600 MHz	408.25	-35.16	-19	Pass
	Mid Channel, 634.5 MHz	600 MHz - 800 MHz	745.23	-41.02	-19	Pass
	Mid Channel, 634.5 MHz	800 MHz - 1.2 GHz	835.90	-38.03	-19	Pass
	Mid Channel, 634.5 MHz	1.2 GHz - 8 GHz	3853.70	-36.73	-19	Pass
10 MHz Bandwidth						
256-QAM Modulation						
	Mid Channel, 634.5 MHz	9 kHz - 150 kHz	0.01	-57.07	-39	Pass
	Mid Channel, 634.5 MHz	150 kHz - 20 MHz	8.71	-59.51	-29	Pass
	Mid Channel, 634.5 MHz	20 MHz - 600 MHz	418.06	-34.47	-19	Pass
	Mid Channel, 634.5 MHz	600 MHz - 800 MHz	747.38	-40.75	-19	Pass
	Mid Channel, 634.5 MHz	800 MHz - 1.2 GHz	809.95	-38.17	-19	Pass
	Mid Channel, 634.5 MHz	1.2 GHz - 8 GHz	3904.70	-36.49	-19	Pass
15 MHz Bandwidth						
256-QAM Modulation						
	Mid Channel, 634.5 MHz	9 kHz - 150 kHz	0.01	-57.16	-39	Pass
	Mid Channel, 634.5 MHz	150 kHz - 20 MHz	8.71	-59.48	-29	Pass
	Mid Channel, 634.5 MHz	20 MHz - 600 MHz	402.11	-34.48	-19	Pass
	Mid Channel, 634.5 MHz	600 MHz - 800 MHz	755.03	-41.69	-19	Pass
	Mid Channel, 634.5 MHz	800 MHz - 1.2 GHz	807.65	-38.76	-19	Pass
	Mid Channel, 634.5 MHz	1.2 GHz - 8 GHz	3726.20	-36.60	-19	Pass
20 MHz Bandwidth						
256-QAM Modulation						
	Mid Channel, 634.5 MHz	9 kHz - 150 kHz	0.01	-57.54	-39	Pass
	Mid Channel, 634.5 MHz	150 kHz - 20 MHz	8.71	-59.52	-29	Pass
	Mid Channel, 634.5 MHz	20 MHz - 600 MHz	413.03	-35.18	-19	Pass
	Mid Channel, 634.5 MHz	600 MHz - 800 MHz	754.30	-40.97	-19	Pass
	Mid Channel, 634.5 MHz	800 MHz - 1.2 GHz	827.70	-38.37	-19	Pass
	Mid Channel, 634.5 MHz	1.2 GHz - 8 GHz	3796.75	-36.99	-19	Pass

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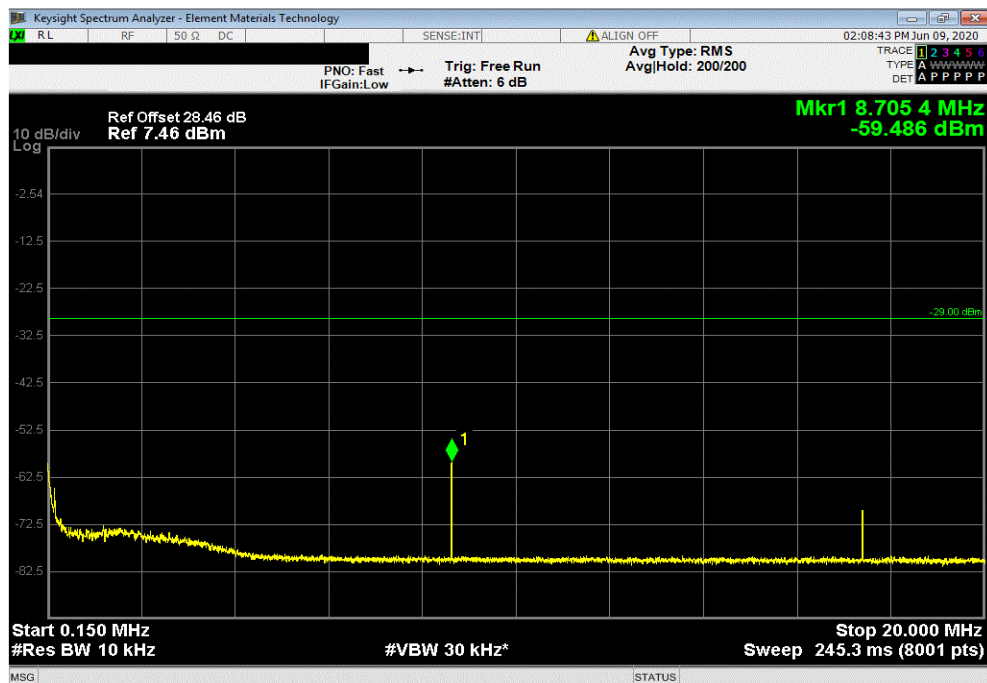


TMTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
9 kHz - 150 kHz	0.01	-57.29	-39	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
150 kHz - 20 MHz	8.71	-59.49	-29	Pass	

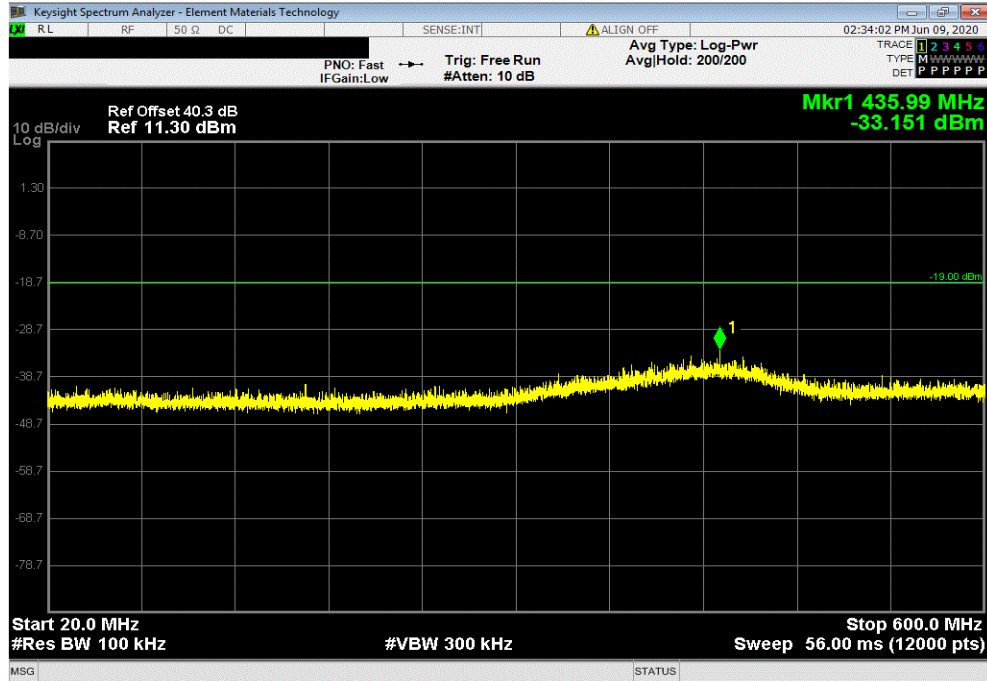


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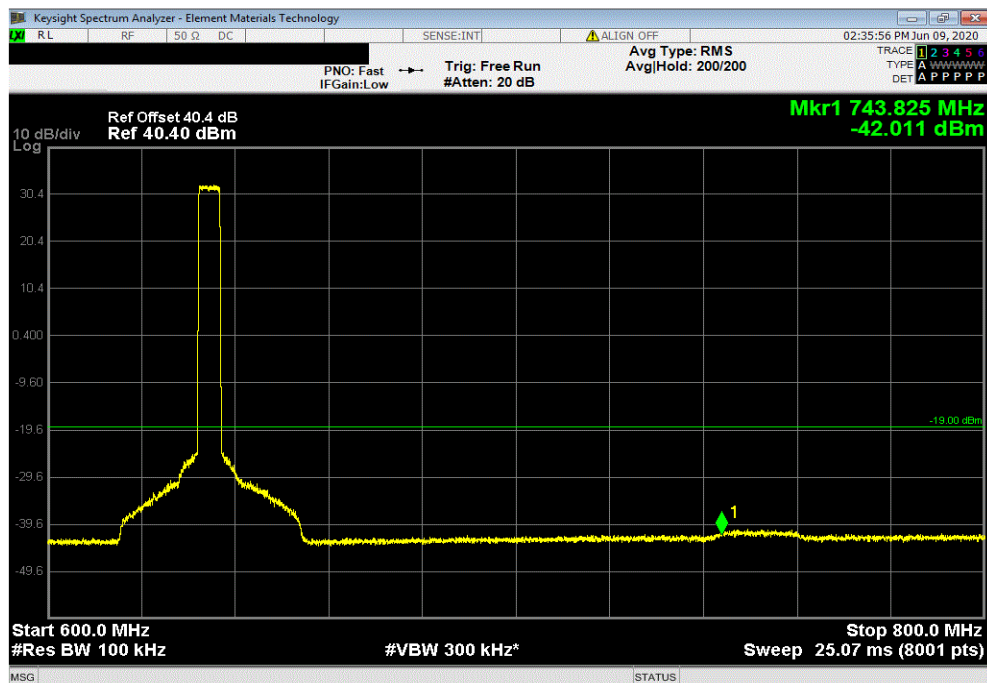


TMTx 2020.06.08.0 BETA XMt 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
20 MHz - 600 MHz	435.99	-33.15	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
600 MHz - 800 MHz	743.83	-42.01	-19	Pass	

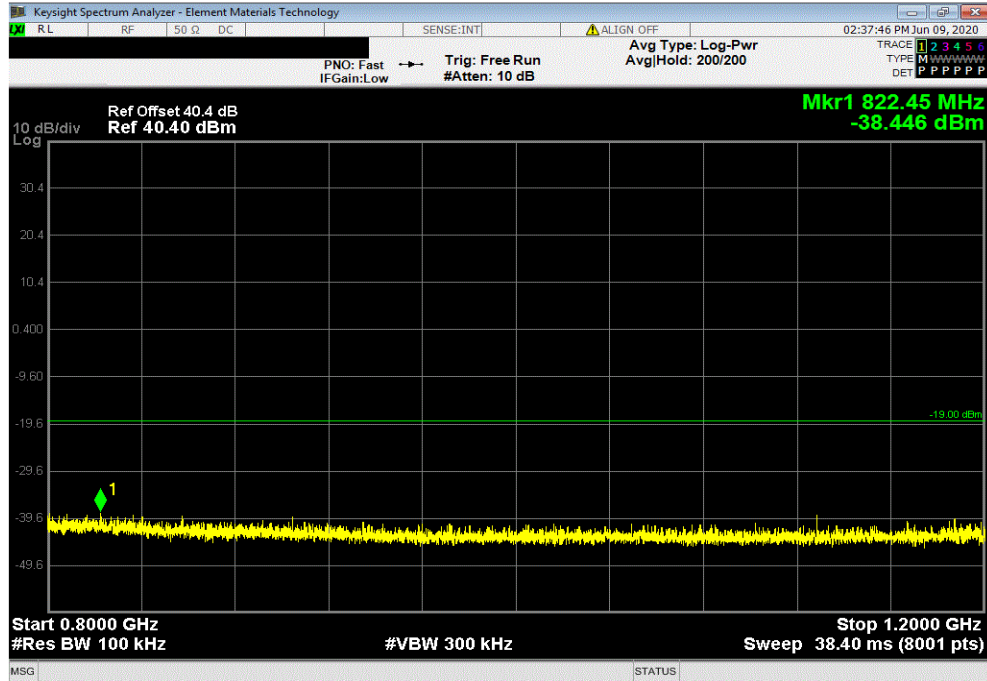


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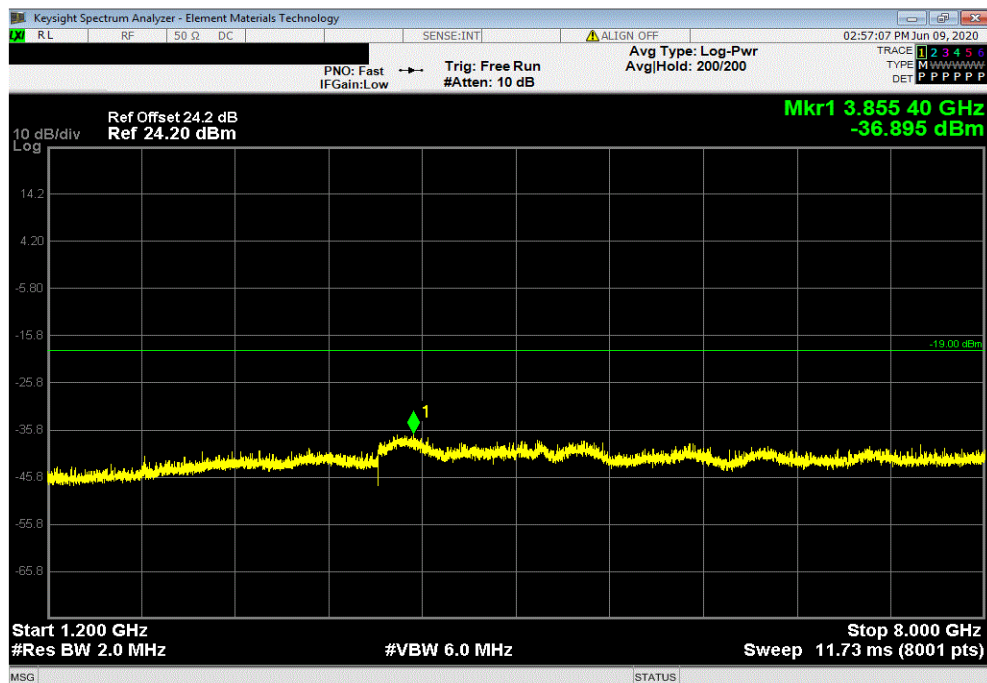


TbTx 2020.06.08.0 BETA XMt 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
800 MHz - 1.2 GHz	822.45	-38.45	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, QPSK Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
1.2 GHz - 8 GHz	3855.4	-36.9	-19	Pass	

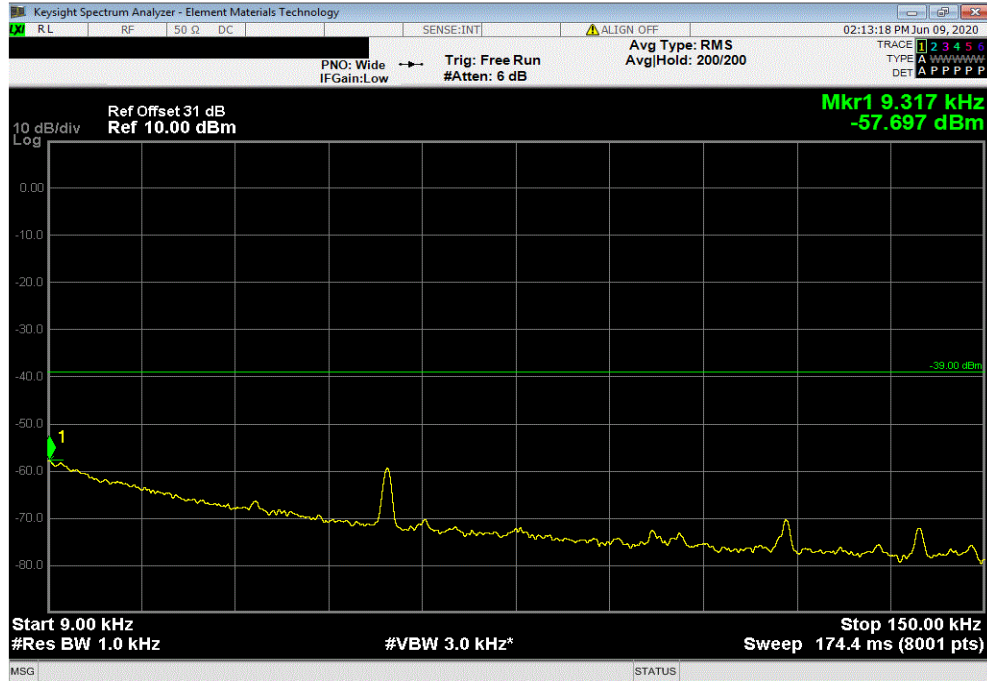


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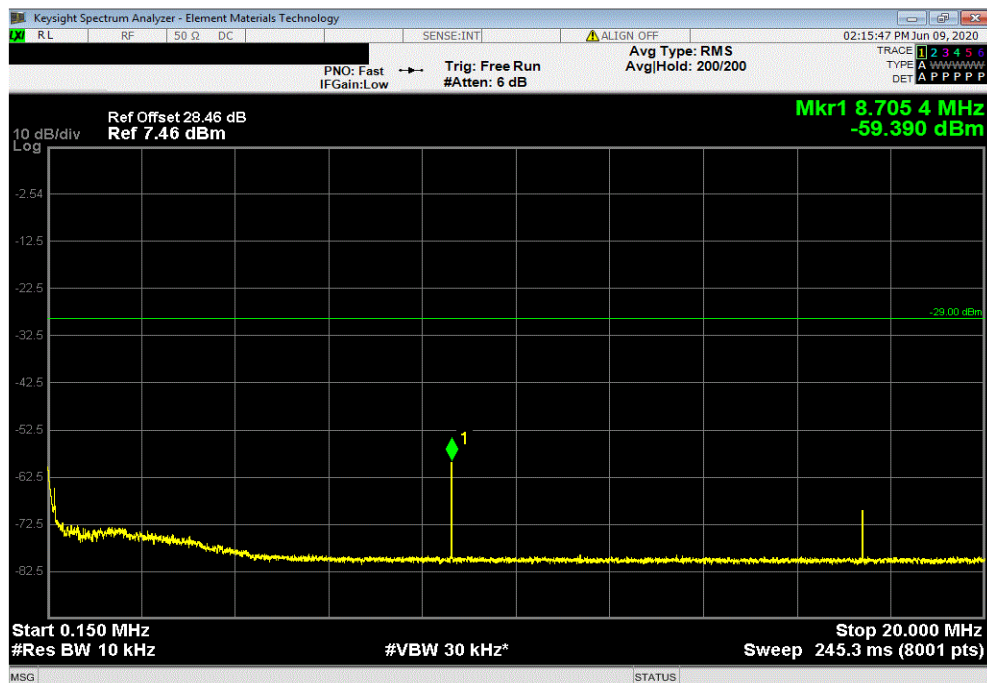


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
9 kHz - 150 kHz	0.01	-57.7	-39	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
150 kHz - 20 MHz	8.71	-59.39	-29	Pass	

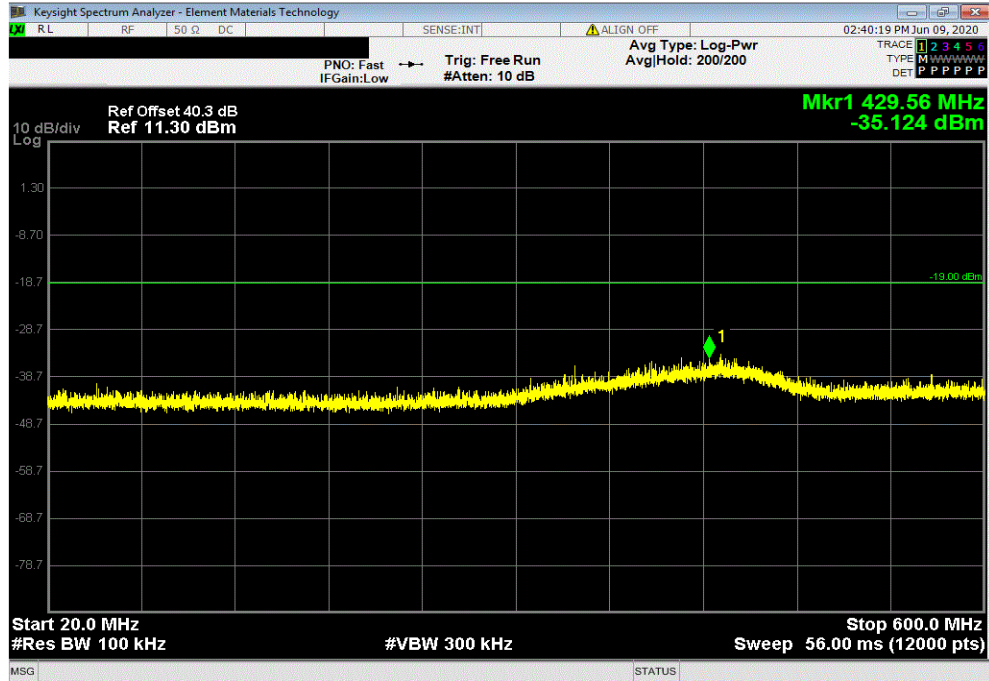


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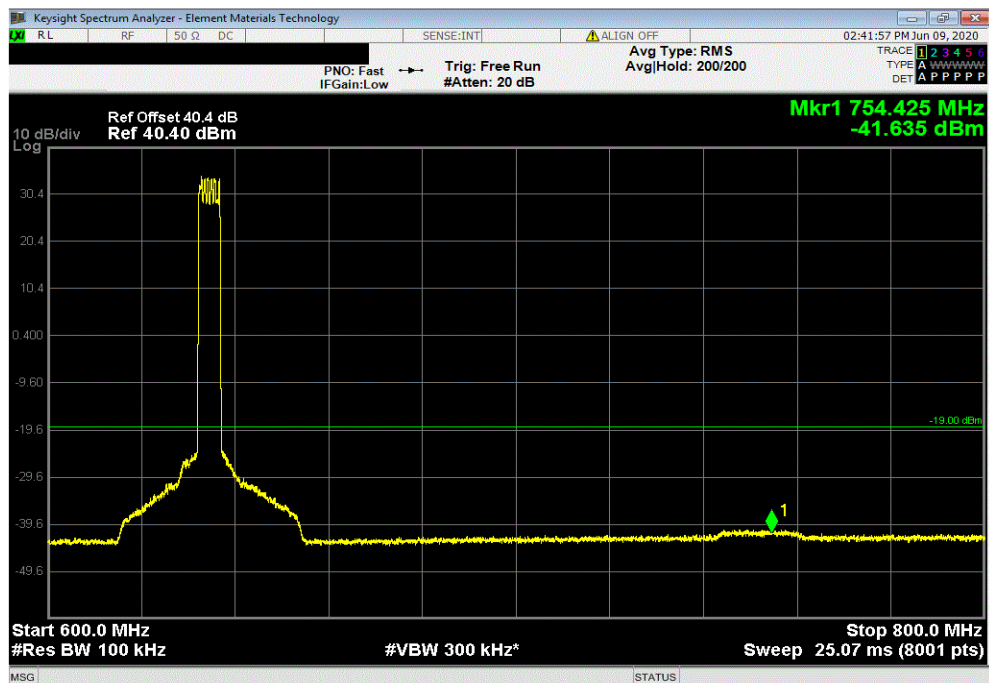


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
20 MHz - 600 MHz	429.56	-35.12	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
600 MHz - 800 MHz	754.43	-41.64	-19	Pass	

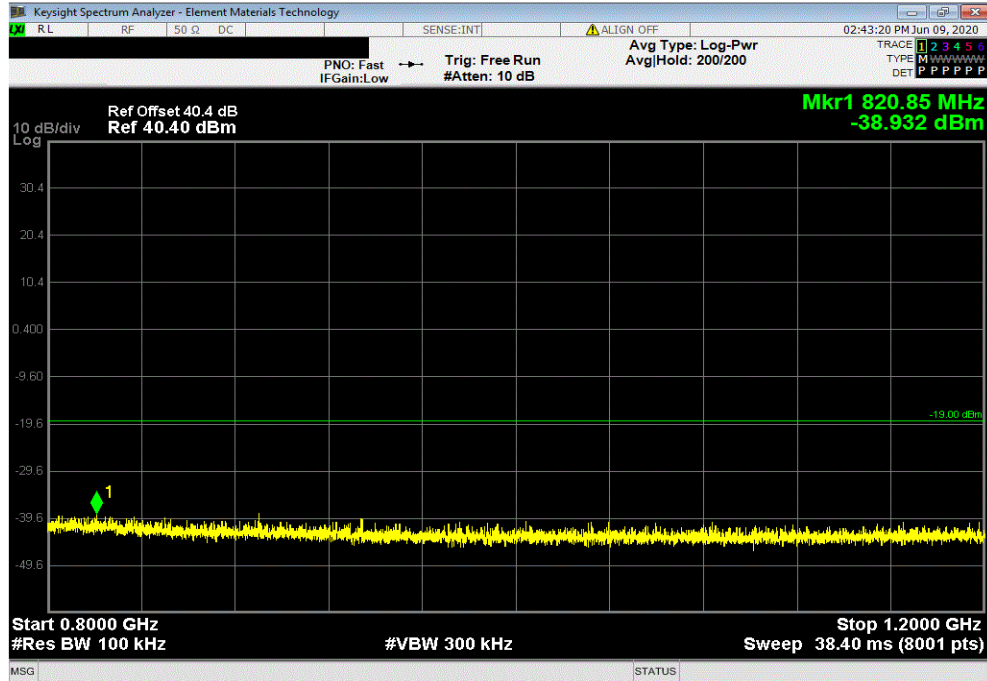


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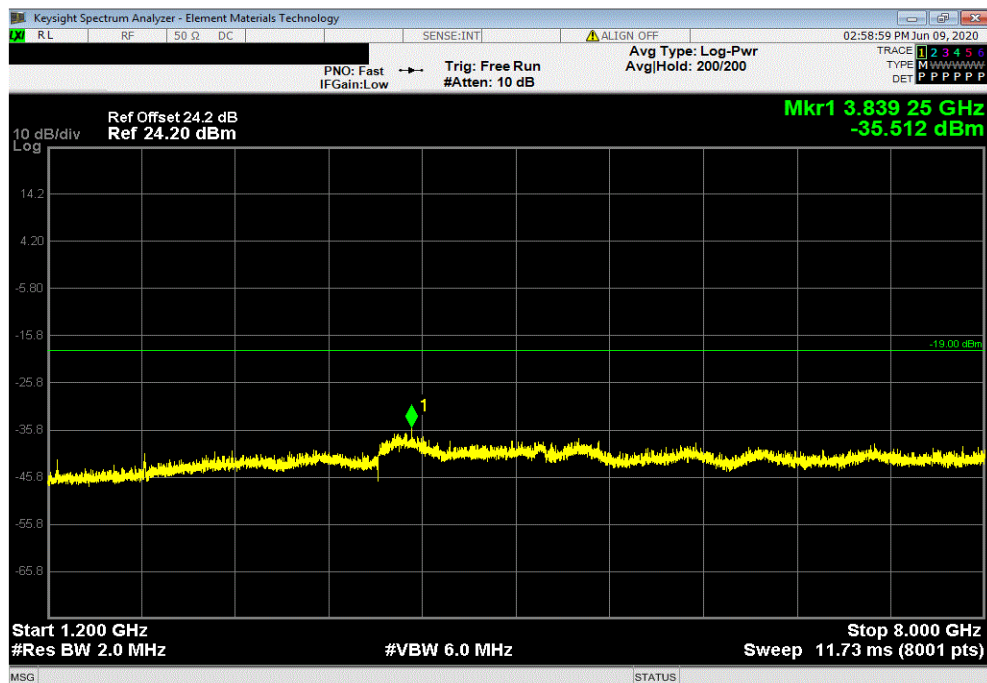


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
800 MHz - 1.2 GHz	820.85	-38.93	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 16-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
1.2 GHz - 8 GHz	3839.25	-35.51	-19	Pass	

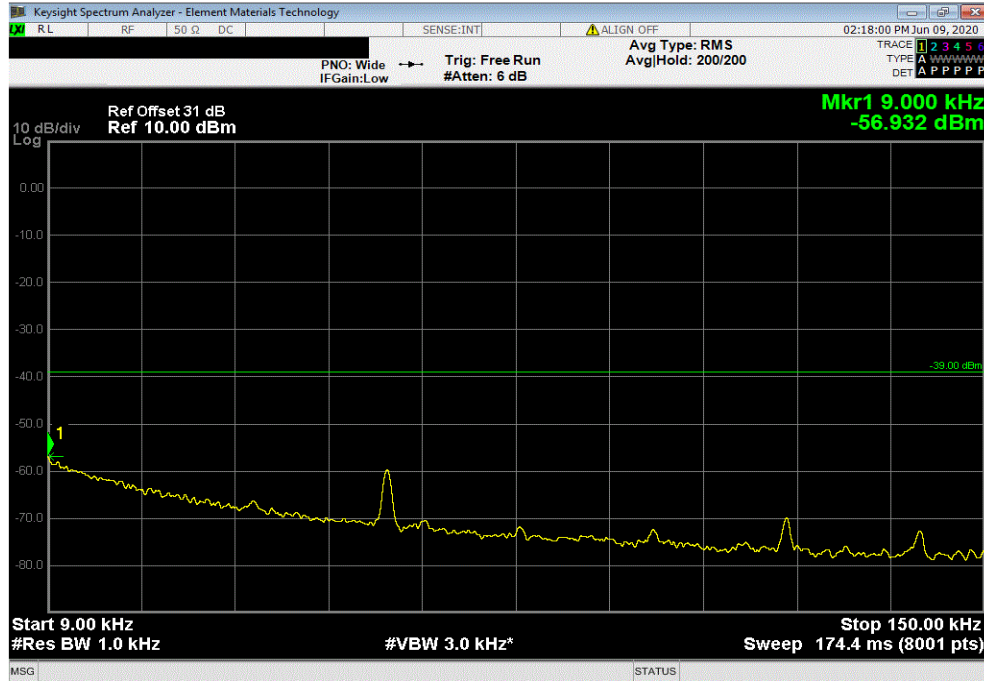


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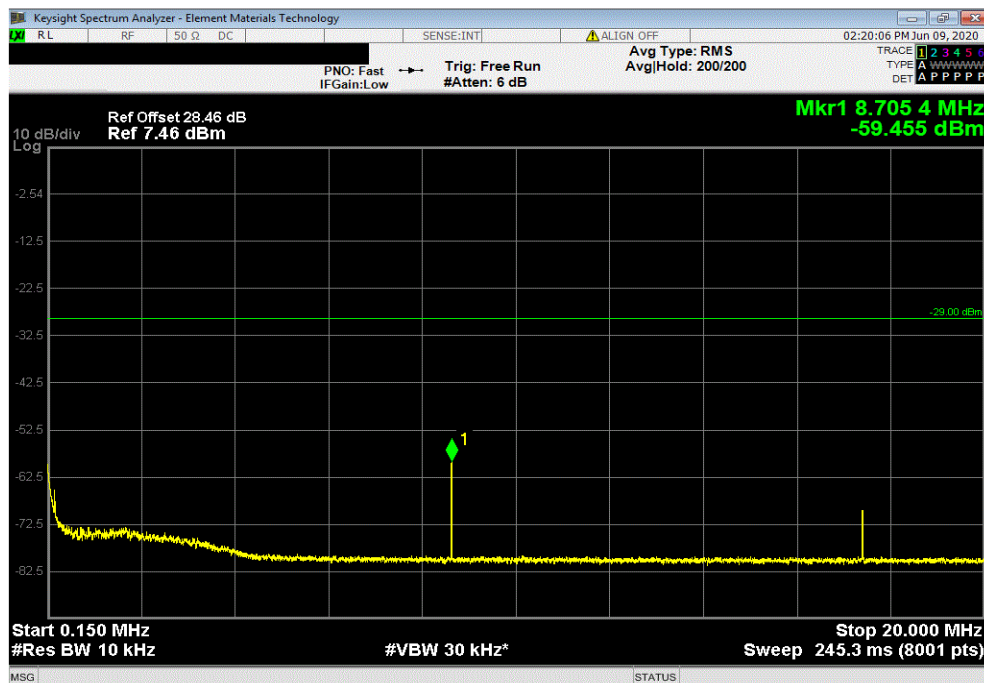


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
9 kHz - 150 kHz	0.01	-56.93	-39	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
150 kHz - 20 MHz	8.71	-59.46	-29	Pass	

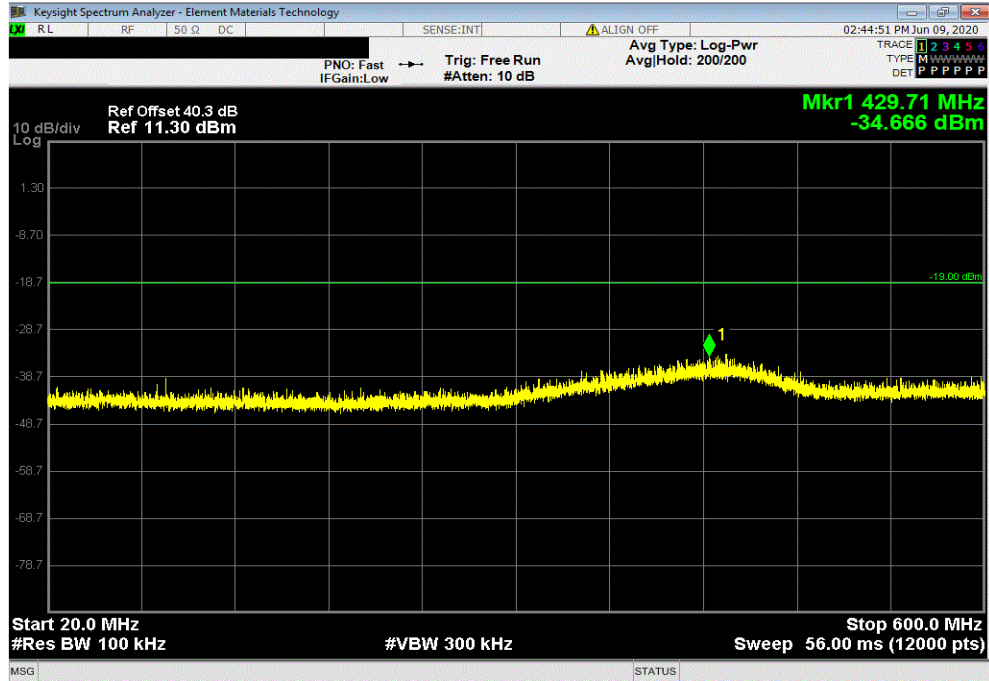


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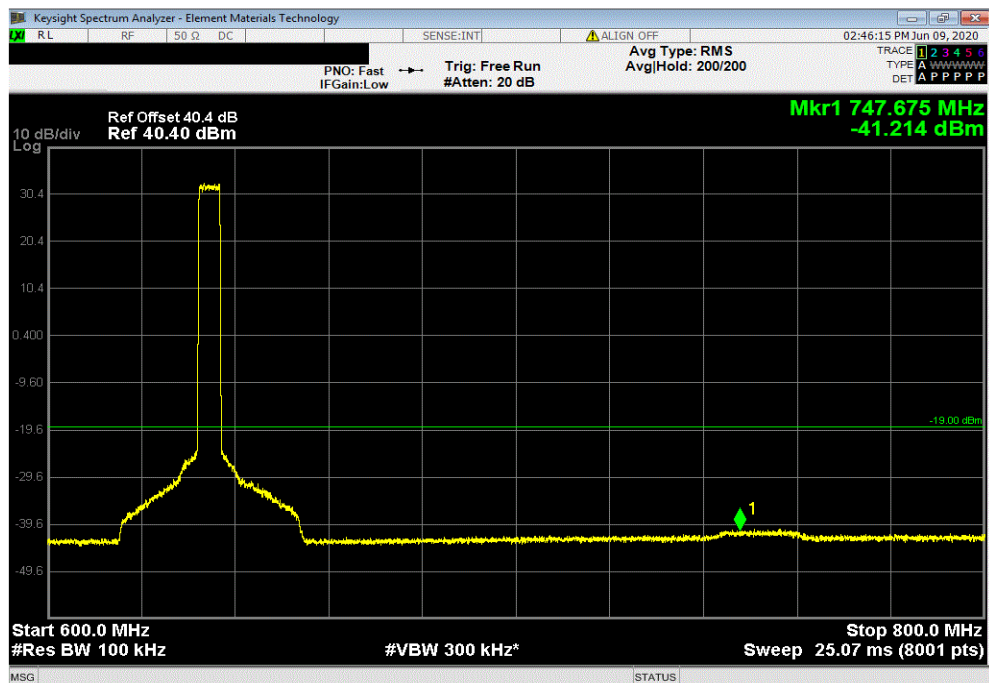


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
20 MHz - 600 MHz	429.71	-34.67	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
600 MHz - 800 MHz	747.68	-41.21	-19	Pass	

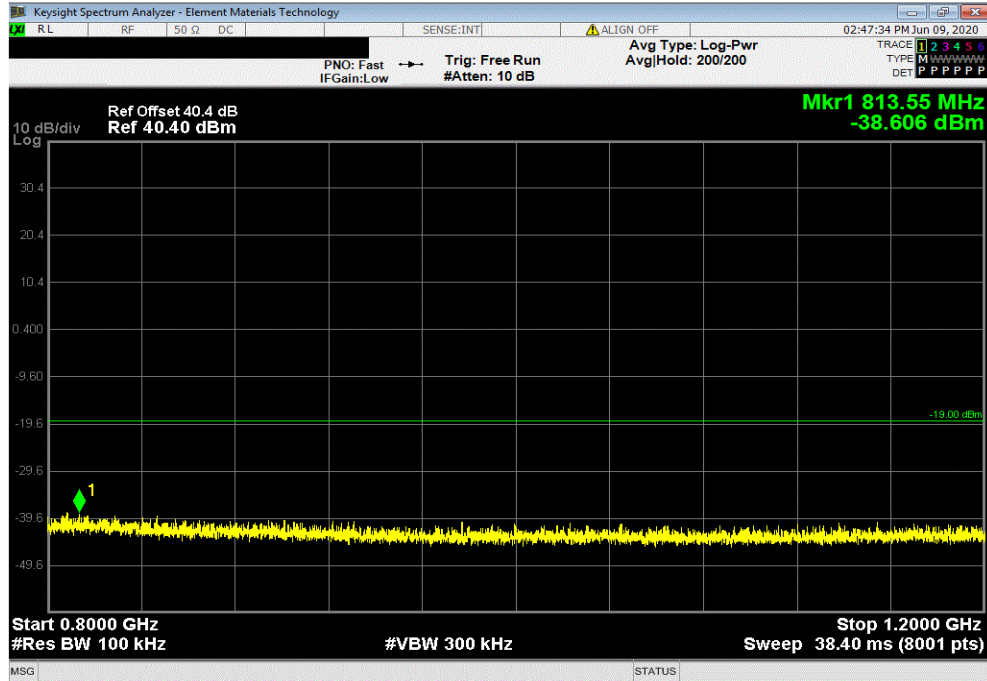


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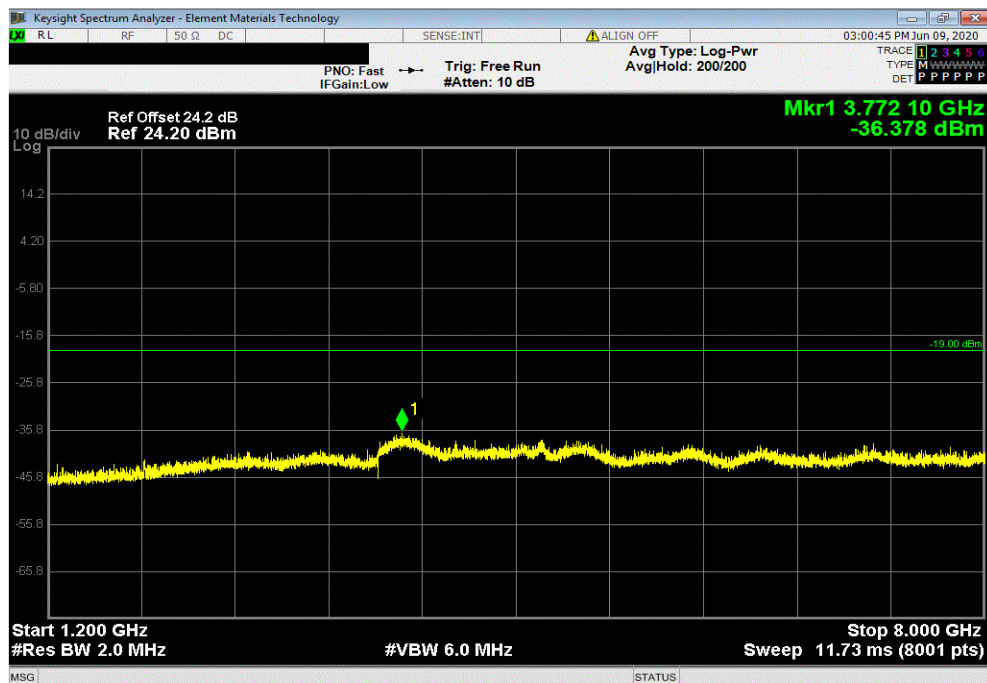


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
800 MHz - 1.2 GHz	813.55	-38.61	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 64-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
1.2 GHz - 8 GHz	3772.1	-36.38	-19	Pass	

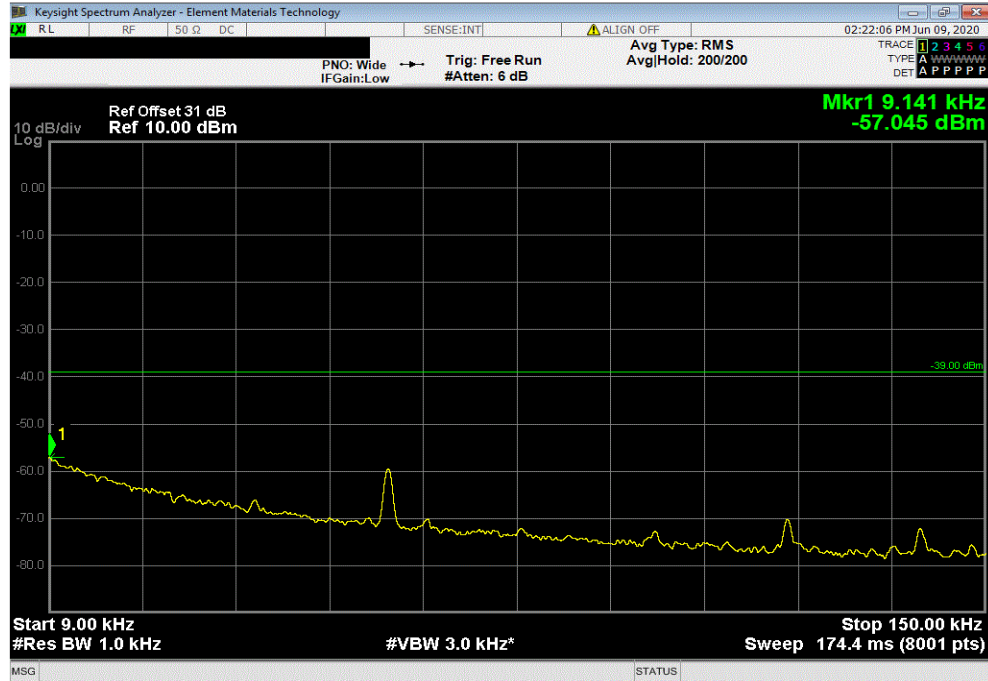


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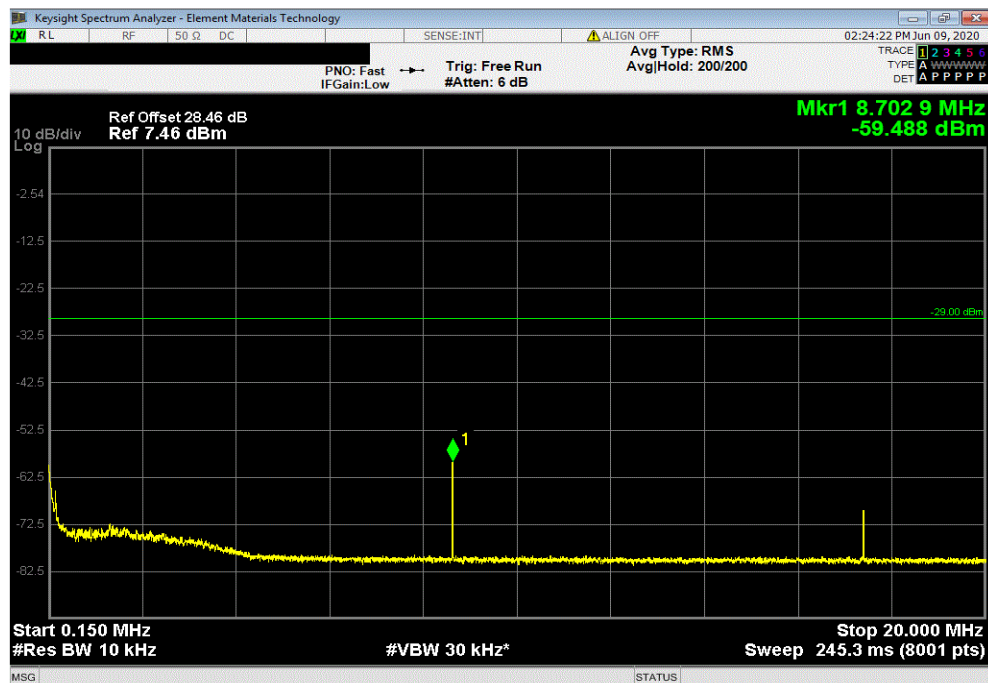


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
9 kHz - 150 kHz	0.01	-57.05	-39	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
150 kHz - 20 MHz	8.7	-59.49	-29	Pass	

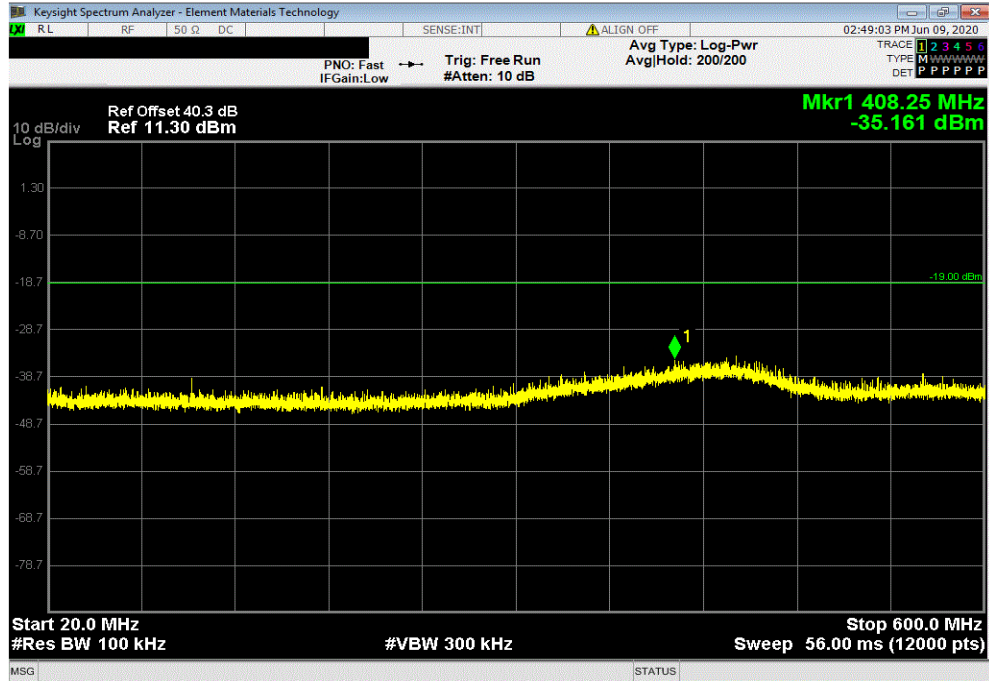


SPURIOUS CONDUCTED EMISSIONS

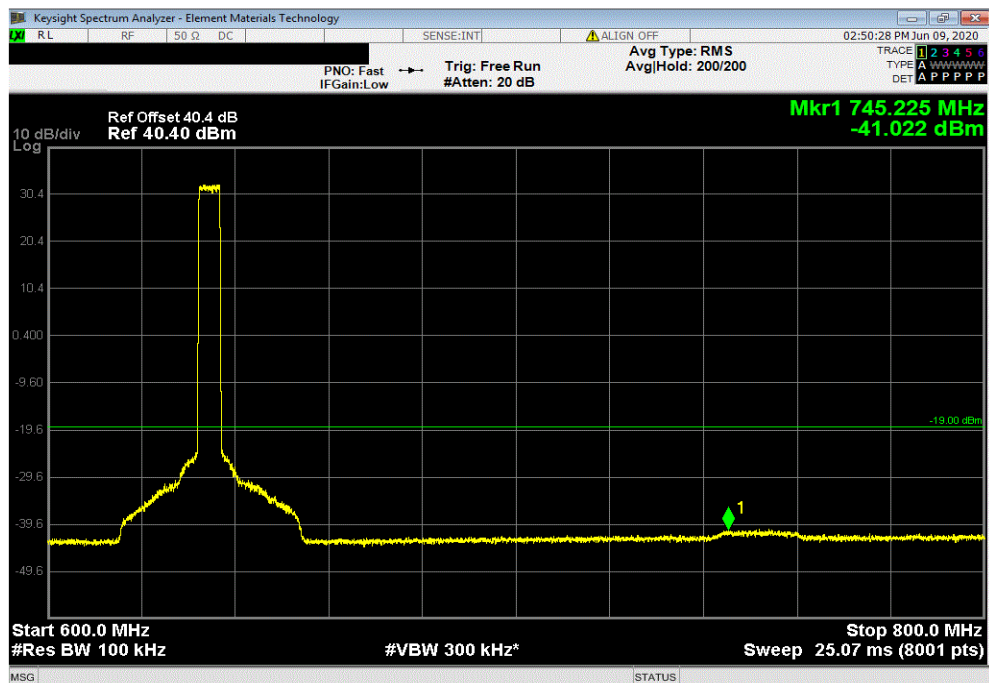


TbTx 2020.06.08.0 BETA XMt 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
20 MHz - 600 MHz	408.25	-35.16	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
600 MHz - 800 MHz	745.23	-41.02	-19	Pass	

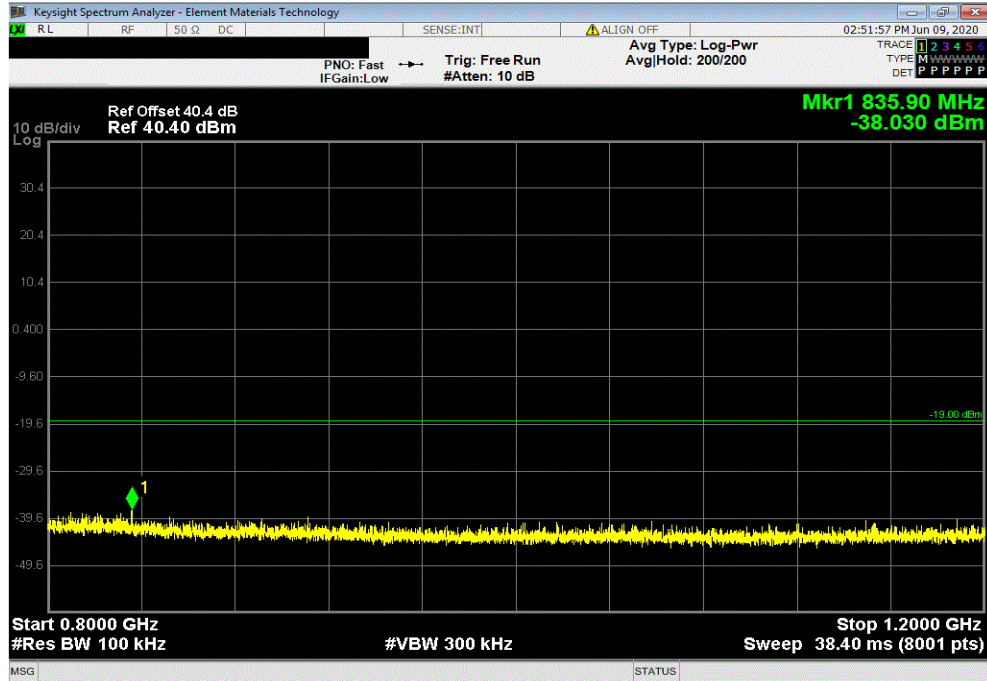


SPURIOUS CONDUCTED EMISSIONS

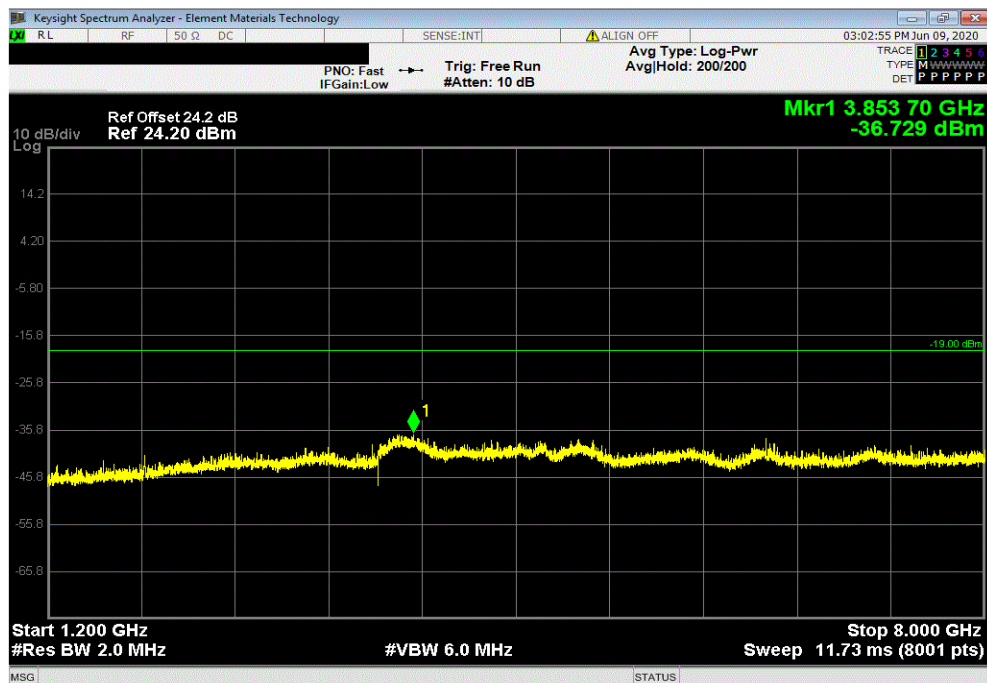


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
800 MHz - 1.2 GHz	835.9	-38.03	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 5 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
1.2 GHz - 8 GHz	3853.7	-36.73	-19	Pass	

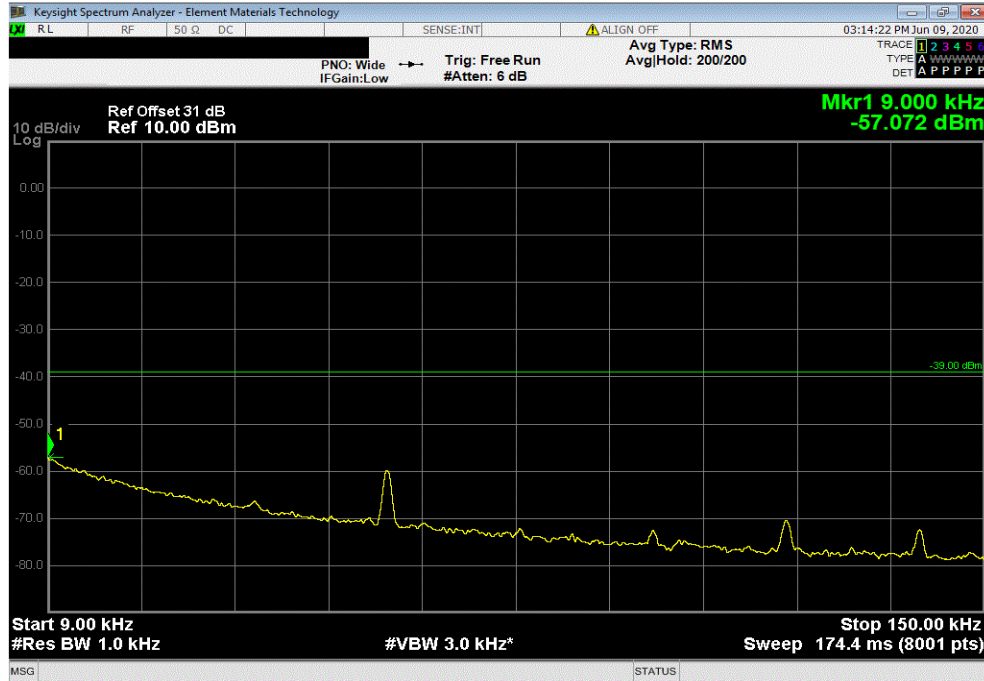


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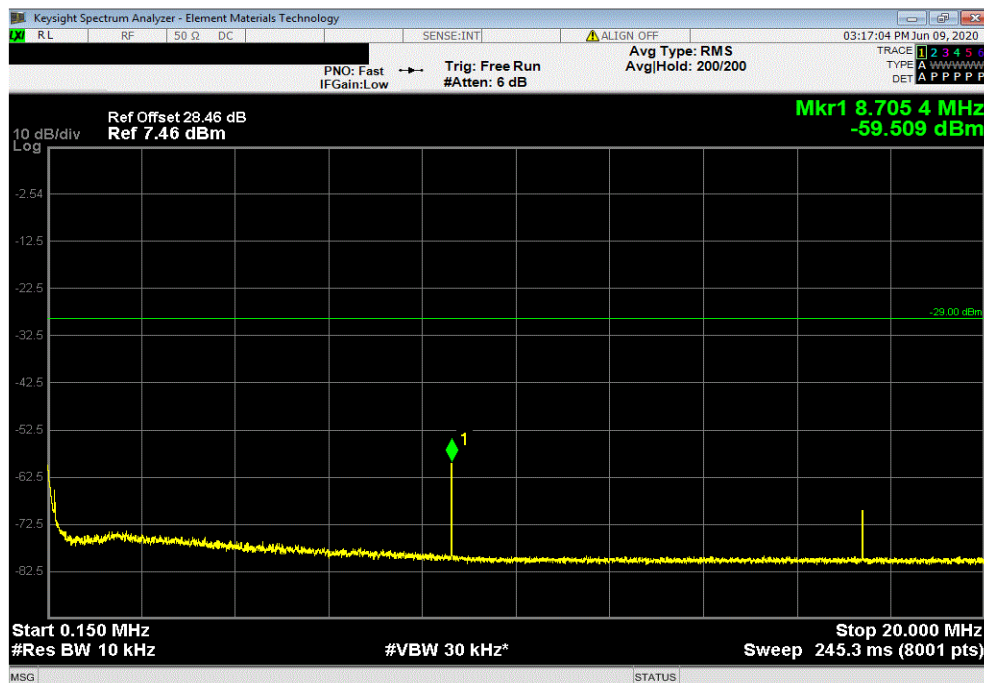


TbTx 2020.06.08.0 BETA XMt 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
9 kHz - 150 kHz	0.01	-57.07	-39	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
150 kHz - 20 MHz	8.71	-59.51	-29	Pass	

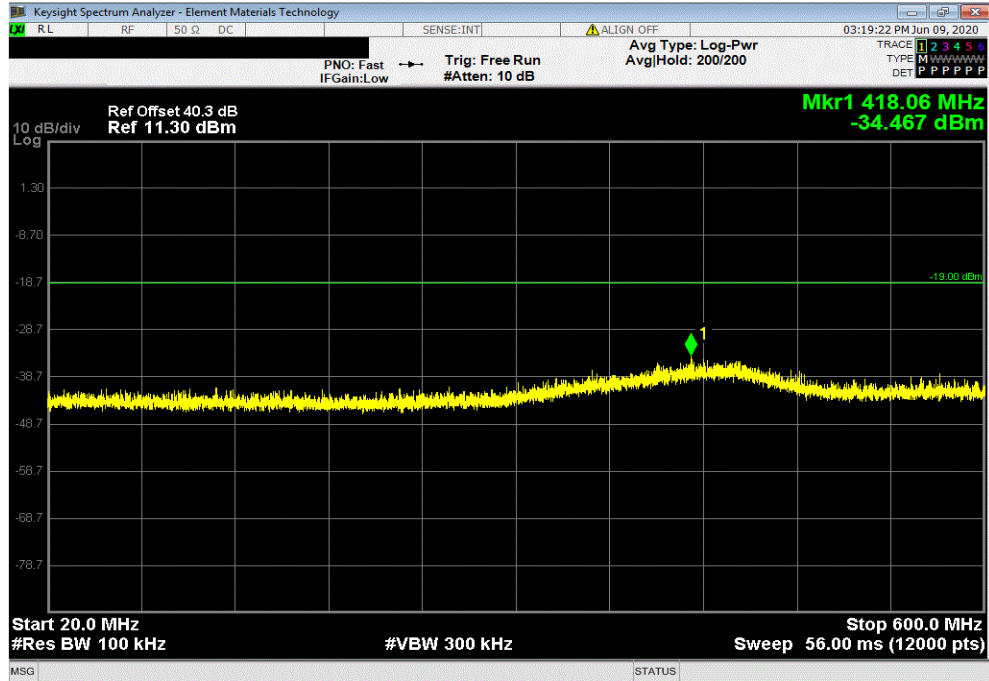


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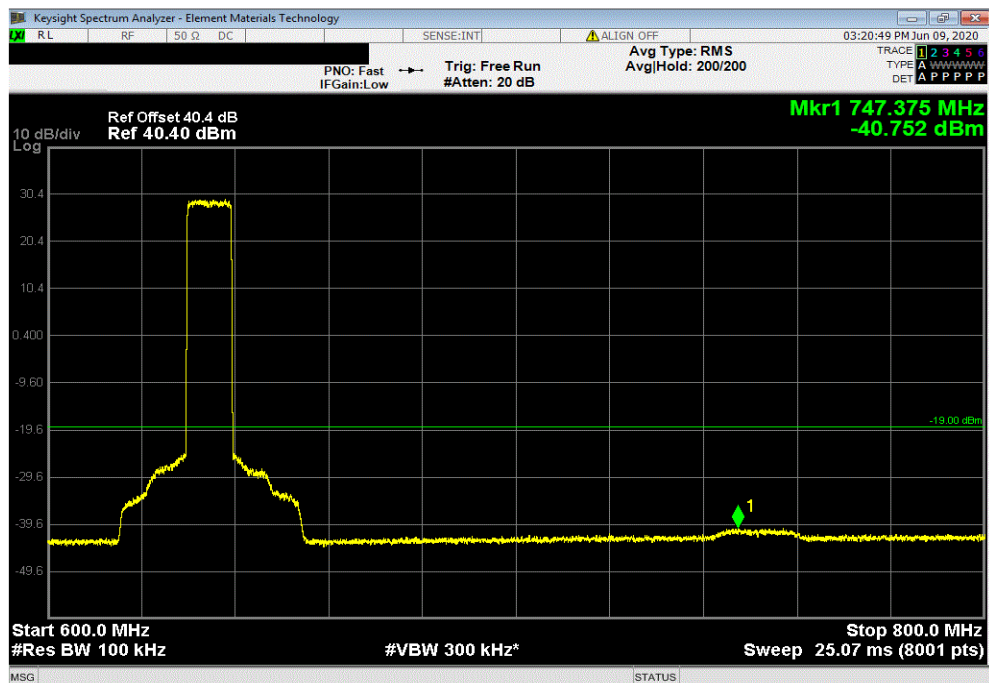


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
20 MHz - 600 MHz	418.06	-34.47	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
600 MHz - 800 MHz	747.38	-40.75	-19	Pass	

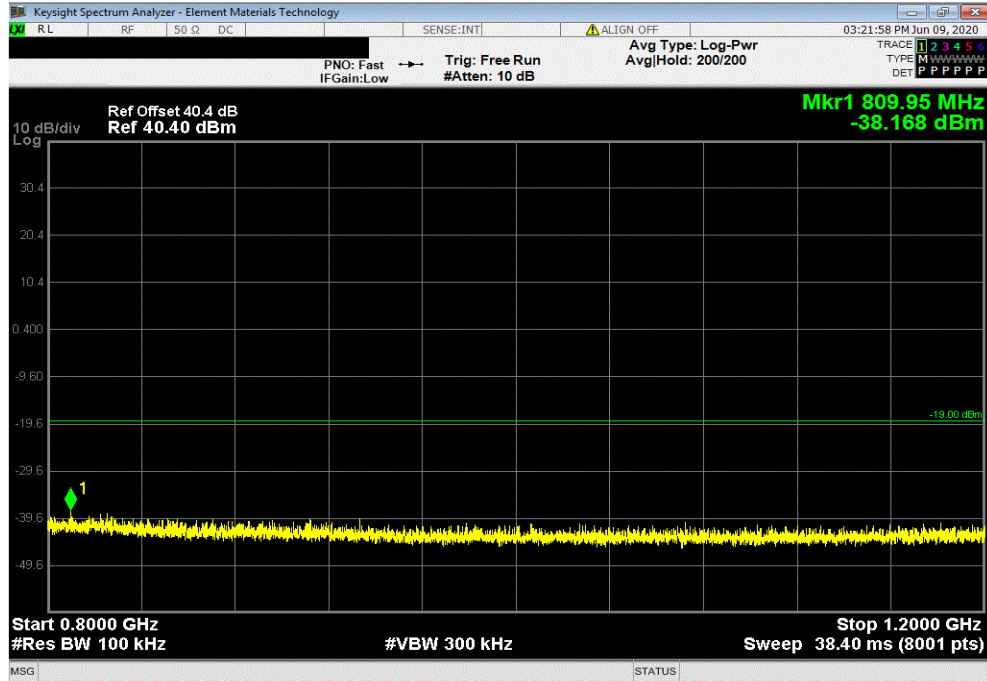


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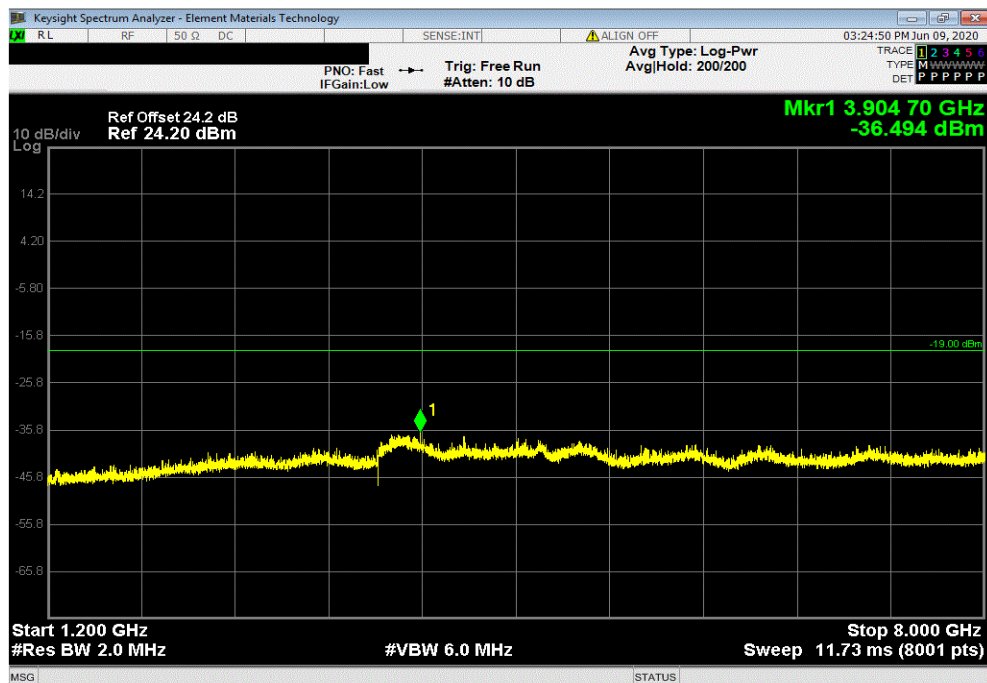


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
800 MHz - 1.2 GHz	809.95	-38.17	-19	Pass	

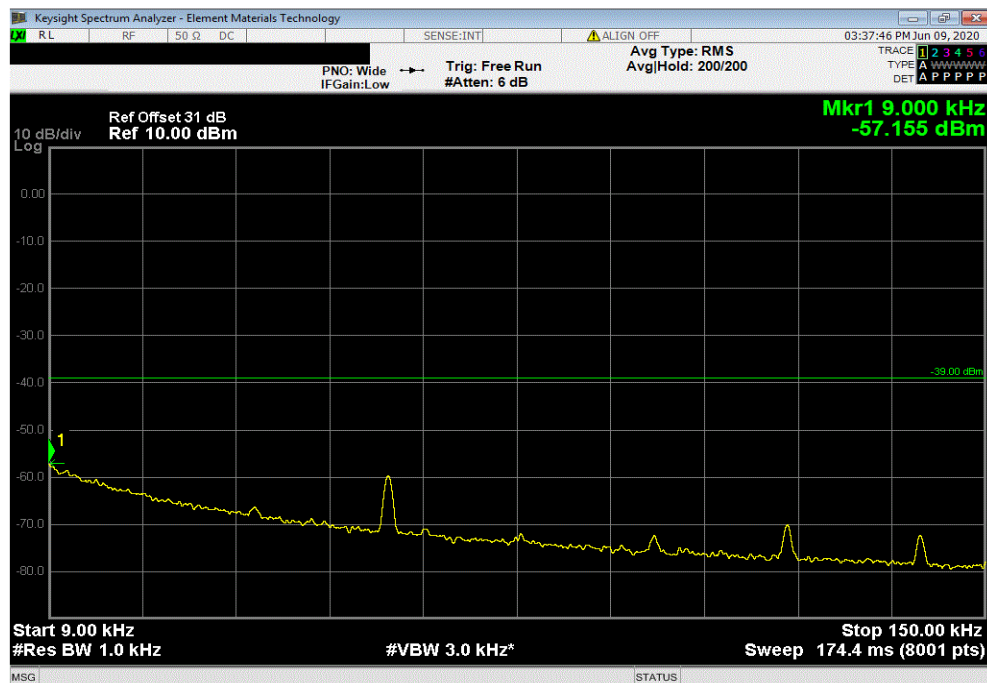


Port 1, Band 71, 617 MHz - 652 MHz, 10 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
1.2 GHz - 8 GHz	3904.7	-36.49	-19	Pass	

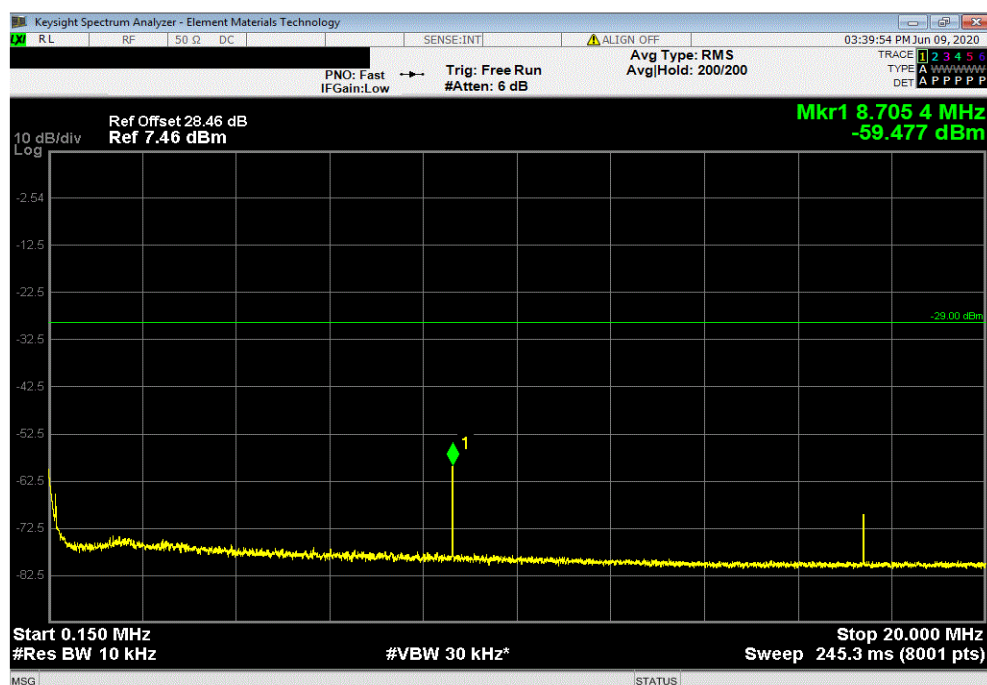


TbTx 2020.06.08.0.BETA YMit 2020.03.25.1

Port 1, Band 71, 617 MHz - 652 MHz, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result
9 kHz - 150 kHz	0.01	-57.16	-39	Pass



Port 1, Band 71, 617 MHz - 652 MHz, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz				
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result
150 kHz - 20 MHz	8.71	-59.48	-29	Pass

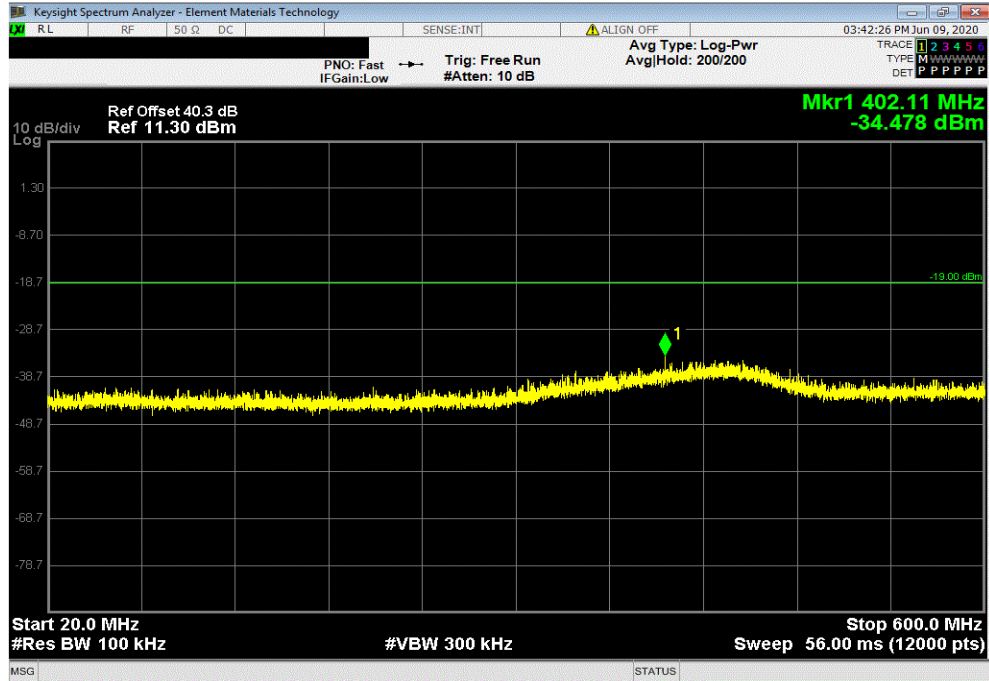


SPURIOUS CONDUCTED EMISSIONS

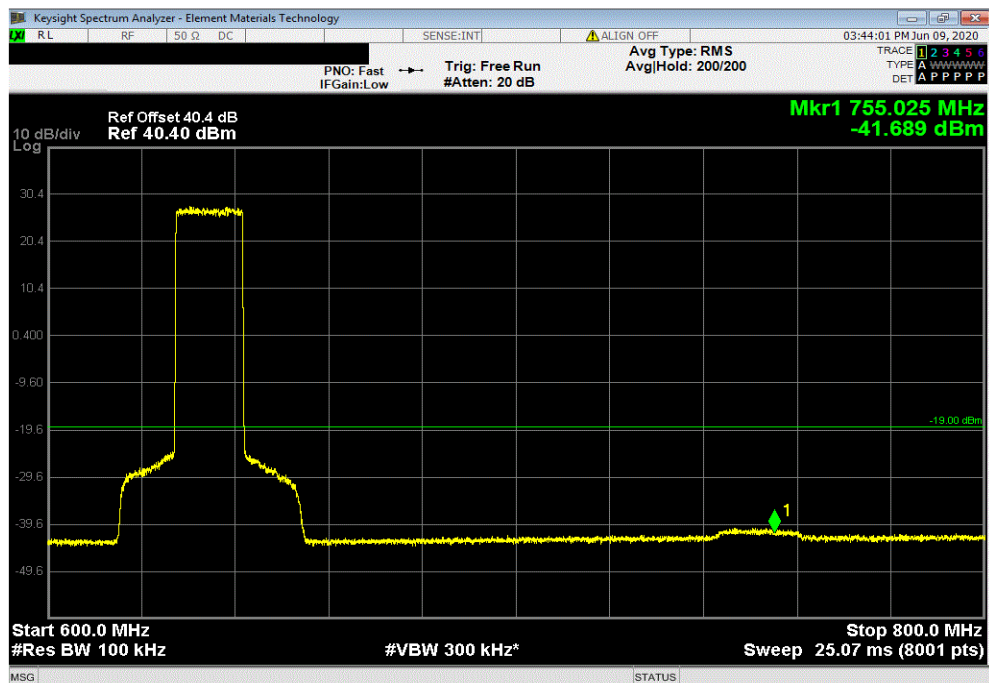


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
20 MHz - 600 MHz	402.11	-34.48	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
600 MHz - 800 MHz	755.03	-41.69	-19	Pass	

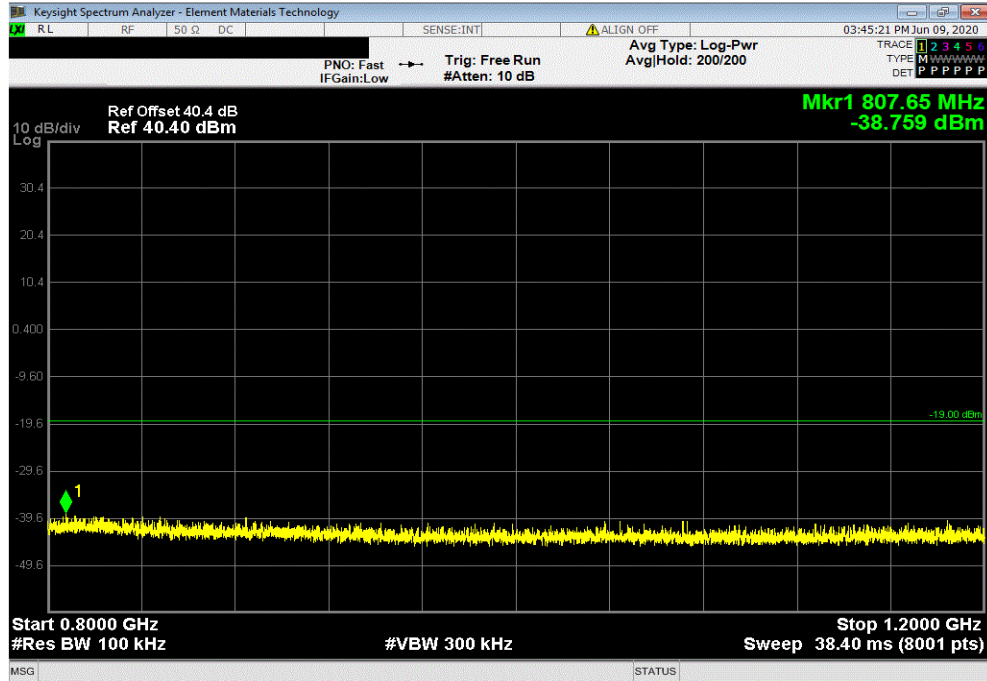


SPURIOUS CONDUCTED EMISSIONS

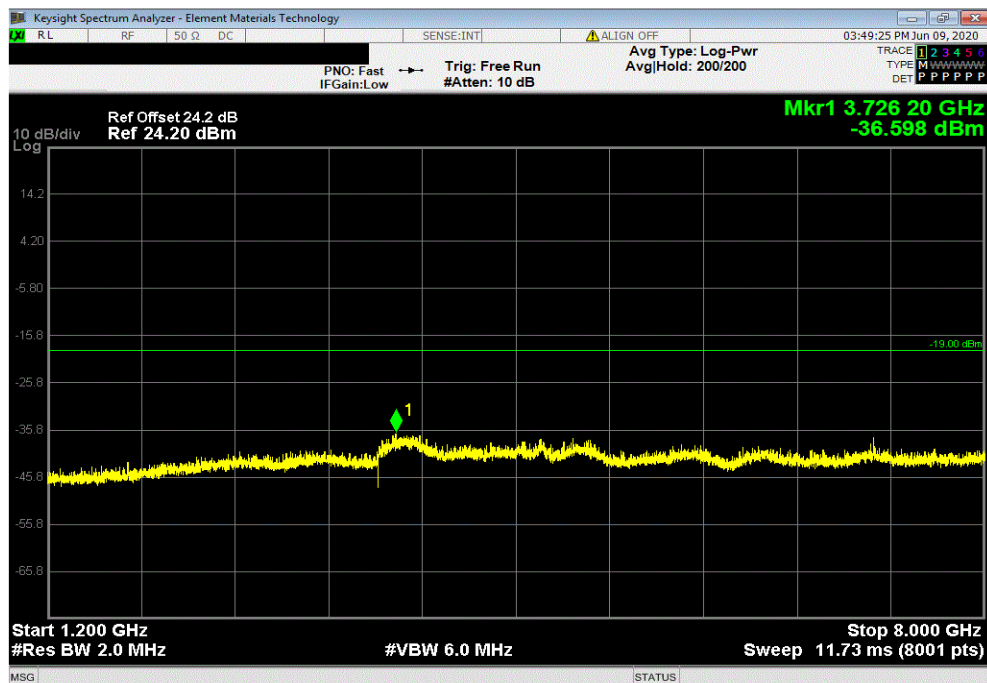


TbTx 2020.06.08.0 BETA XMt 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
800 MHz - 1.2 GHz	807.65	-38.76	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 15 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
1.2 GHz - 8 GHz	3726.2	-36.6	-19	Pass	

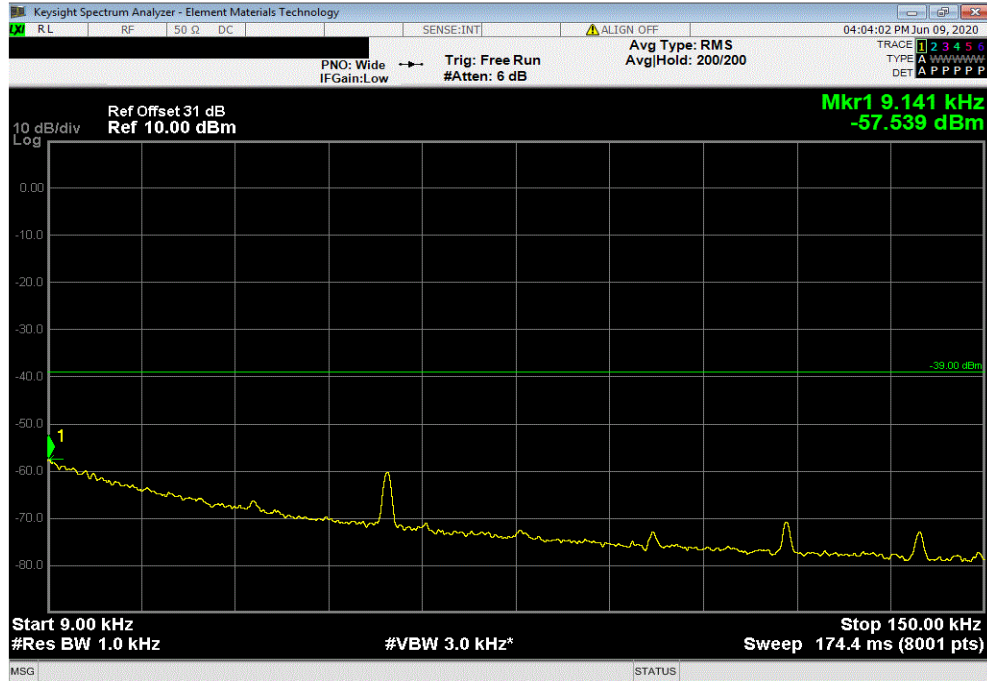


SPURIOUS CONDUCTED EMISSIONS

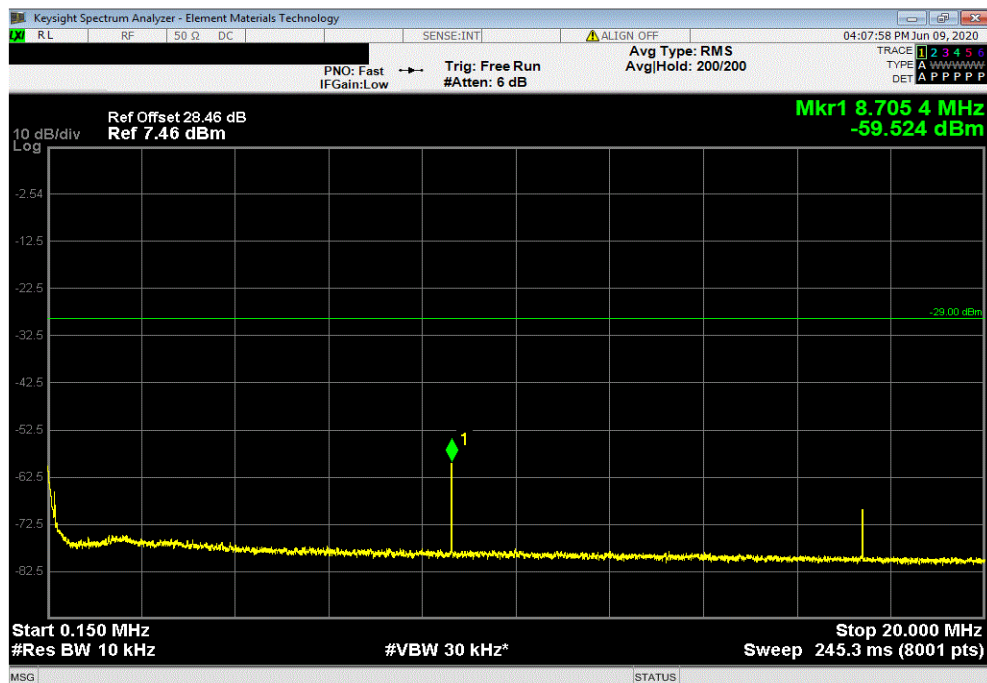


TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
9 kHz - 150 kHz	0.01	-57.54	-39	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
150 kHz - 20 MHz	8.71	-59.52	-29	Pass	

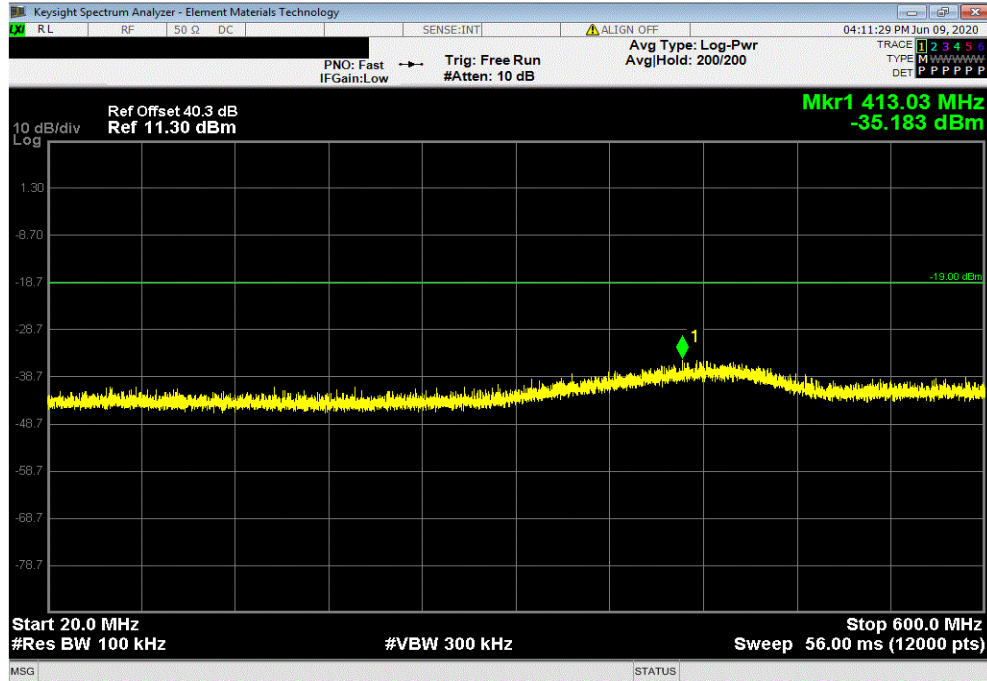


SPURIOUS CONDUCTED EMISSIONS

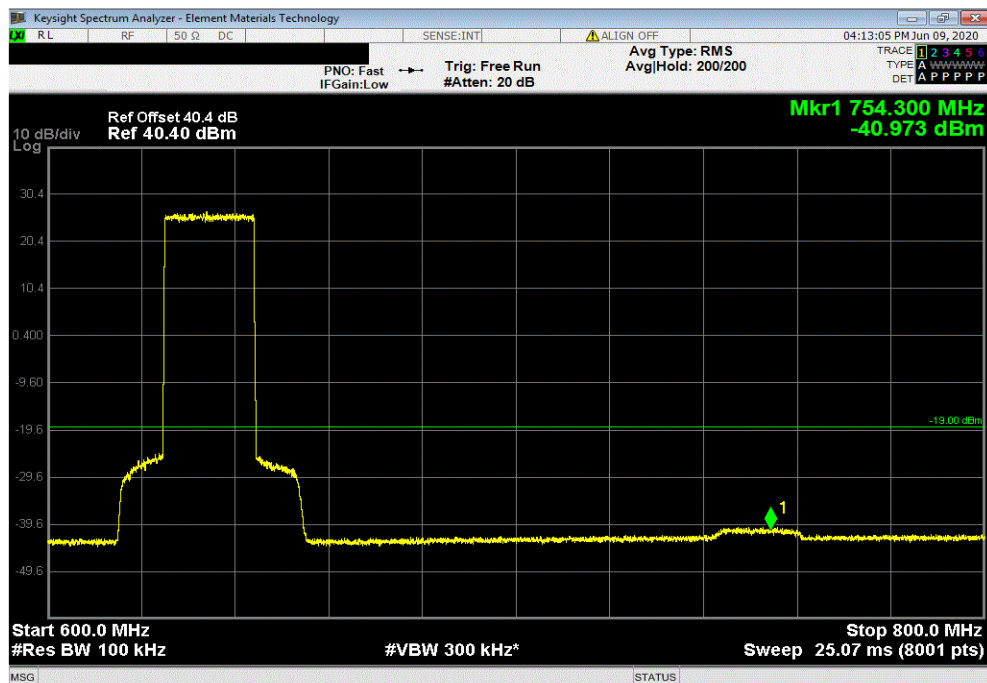


TMTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
20 MHz - 600 MHz	413.03	-35.18	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
600 MHz - 800 MHz	754.3	-40.97	-19	Pass	

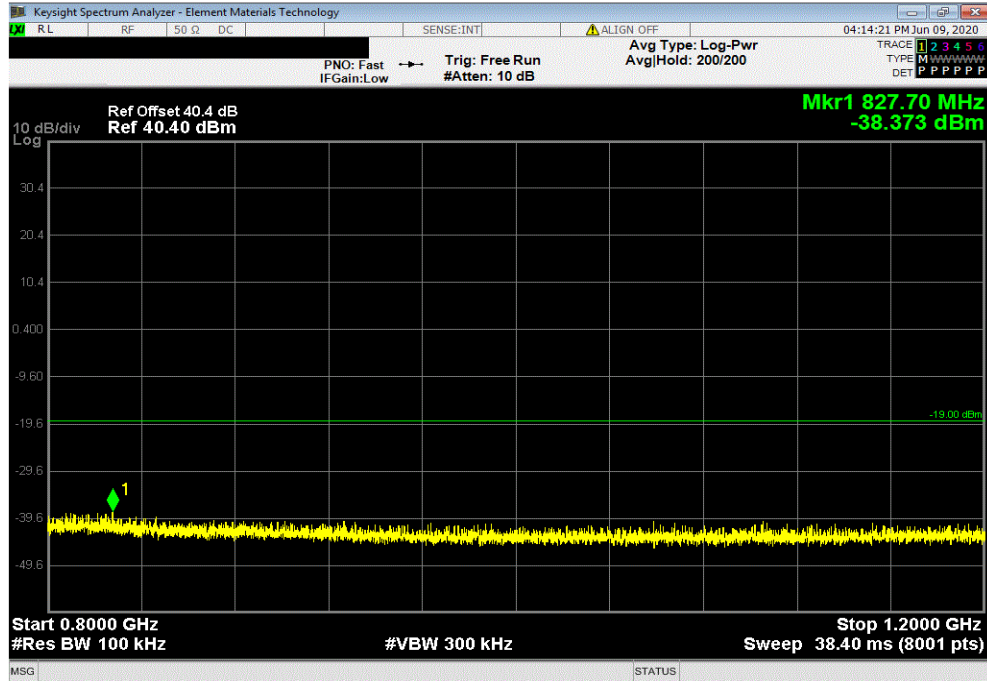


SPURIOUS CONDUCTED EMISSIONS



TbTx 2020.06.08.0 BETA XMI 2020.03.25.0

Port 1, Band 71, 617 MHz - 652 MHz, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
800 MHz - 1.2 GHz	827.7	-38.37	-19	Pass	



Port 1, Band 71, 617 MHz - 652 MHz, 20 MHz Bandwidth, 256-QAM Modulation, Mid Channel, 634.5 MHz					
Frequency Range	Measured Freq (MHz)	Max Value (dBm)	Limit < (dBm)	Result	
1.2 GHz - 8 GHz	3796.75	-36.99	-19	Pass	

