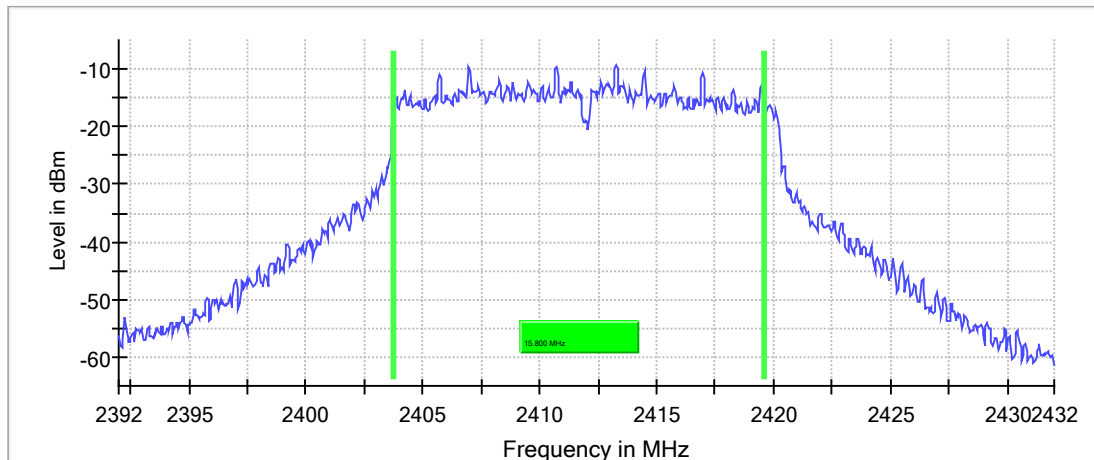
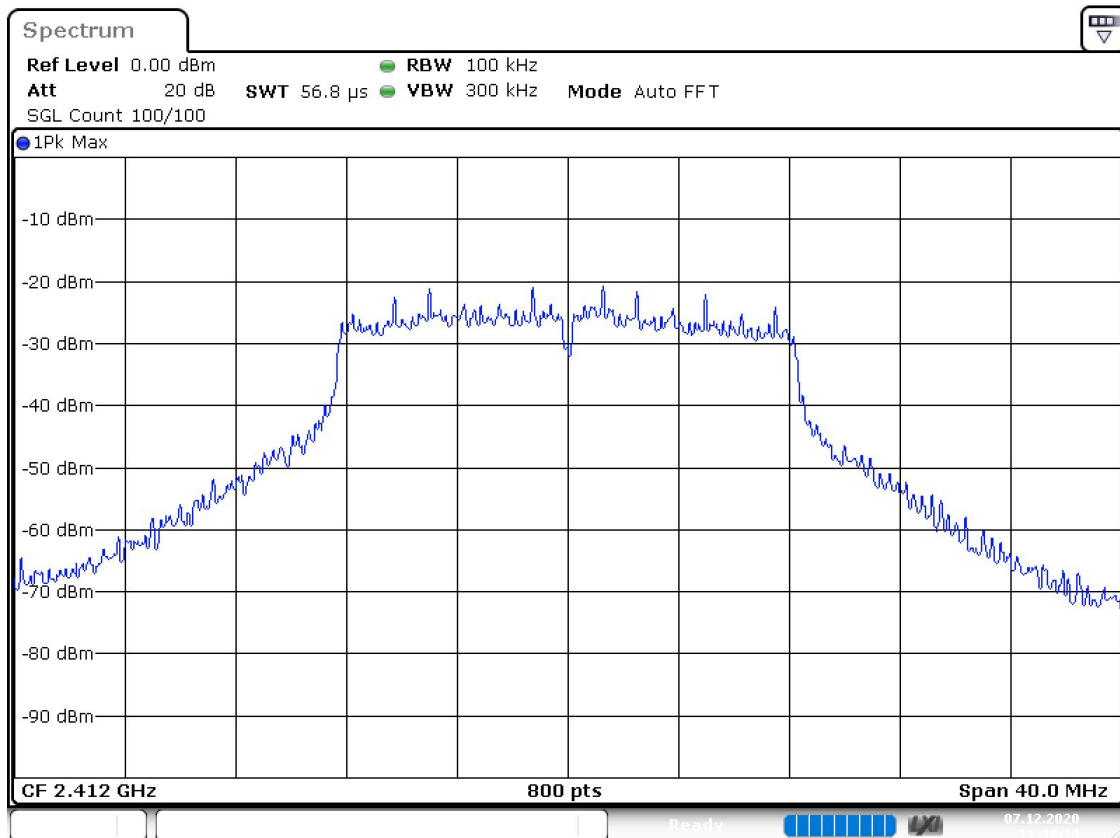


Summary

			Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
RF output power			2412.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB			2412.000	24.0	20.000000	PASS
Power Spectral Density			2412.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%			2412.000	24.0	20.000000	PASS
Tx Spurious Emission			2412.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB			2437.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%			2437.000	24.0	20.000000	PASS
Tx Spurious Emission			2437.000	24.0	20.000000	PASS
Minimum Emission Bandwidth 6 dB			2462.000	24.0	20.000000	PASS
Power Spectral Density			2462.000	24.0	20.000000	PASS
Occupied Channel Bandwidth 99%			2462.000	24.0	20.000000	PASS
Tx Spurious Emission			2462.000	24.0	20.000000	PASS
	Gated RMS (dBm)	Limit Max (dBm)	Gated EIRP (dBm)	DutyCycle (%)	Result	
2412.000000	8.5	30.0	13.2	98.396	PASS	
	Instrument Value	Target Value				
Measurement Time	1.000 s	1.000 s				
Points	1000000	1000000				
Time resolution	1.000 μ s	1.000 μ s				
Minimum	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)	
	2412.000000	15.800000	0.500000	---	2403.775000	2419.575000
(continuation of the	Max Level (dBm)	Result				
2412.000000	-9.3	PASS				

6 dB Bandwidth





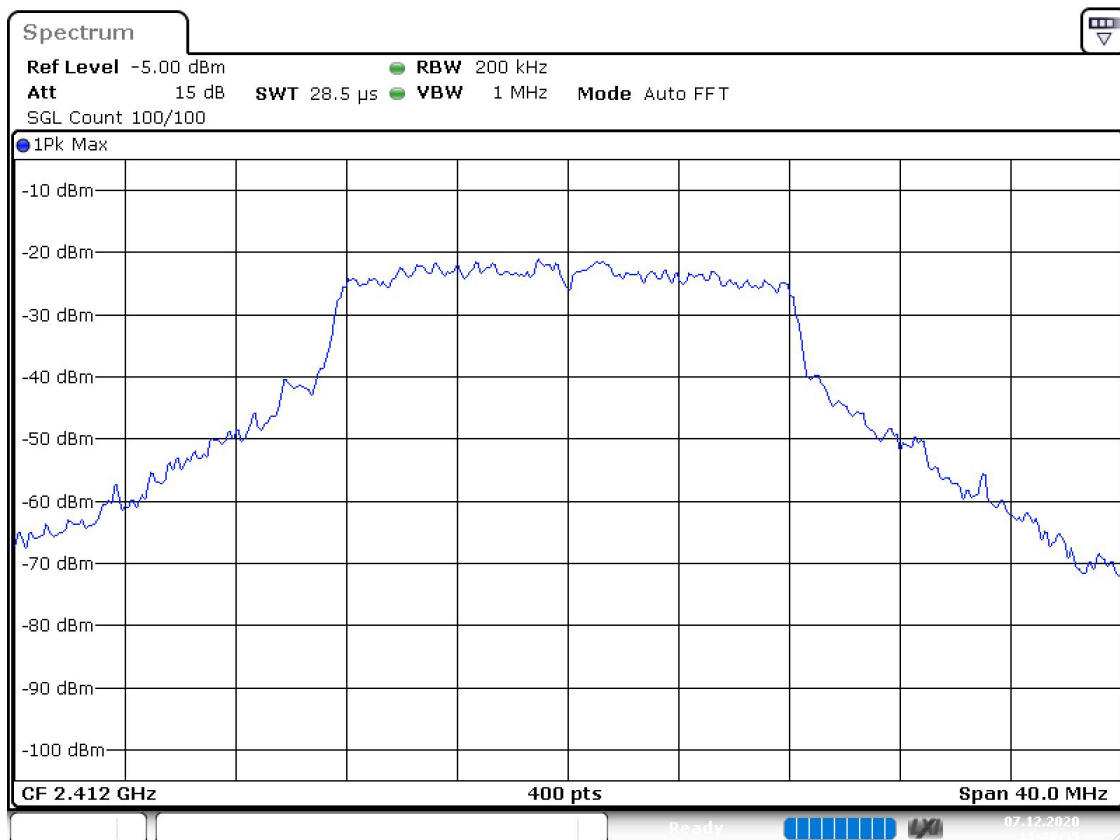
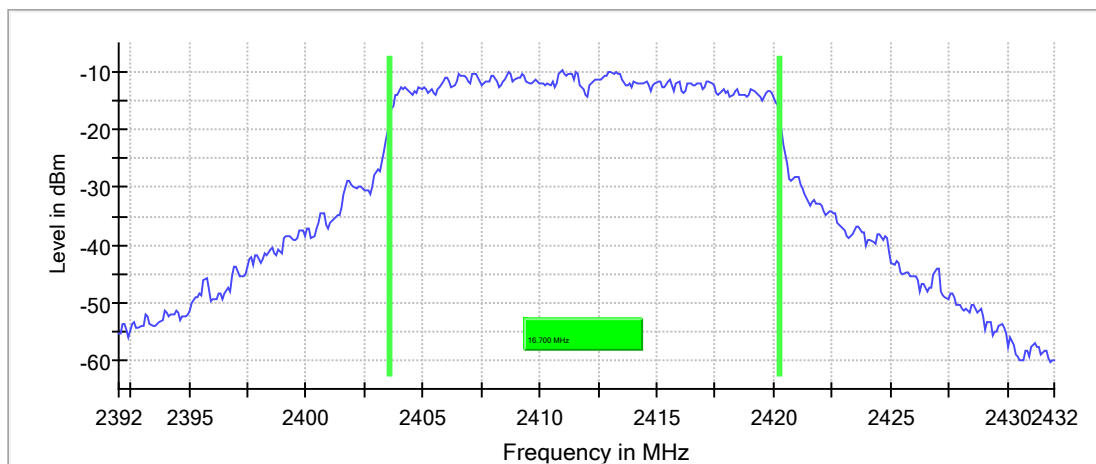
Date: 7.DEC.2020 11:48:14

Measurement

		Instrument Value	Target Value		
Start Frequency		2.39200 GHz	2.39200 GHz		
Stop Frequency		2.43200 GHz	2.43200 GHz		
Span		40.000 MHz	40.000 MHz		
RBW		100.000 kHz	~ 100.000 kHz		
VBW		300.000 kHz	~ 300.000 kHz		
SweepPoints		800	~ 800		
Sweeptime		56.836 μs	AUTO		
Reference Level		0.000 dBm	0.000 dBm		
Attenuation		20.000 dB	AUTO		
Detector		MaxPeak	MaxPeak		
SweepCount		100	100		
Filter		3 dB	3 dB		
Trace Mode		Max Hold	Max Hold		
SweepType		FFT	AUTO		
Preamp		off	off		
Power Spectral		Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result
2412.000000		2411.075000	-13.225	8.0	PASS
	State				
1	used				
2	used				
		Instrument Value	Target Value		
Start Frequency		2.39700 GHz	2.39700 GHz		
Stop Frequency		2.42700 GHz	2.42700 GHz		
Span		30.000 MHz	30.000 MHz		
RBW		100.000 kHz	<= 100.000 kHz		
VBW		300.000 kHz	>= 300.000 kHz		
SweepPoints		600	~ 600		
Sweeptime		1.040 ms	AUTO		
Reference Level		0.000 dBm	0.000 dBm		

Attenuation	20.000 dB		AUTO		
Detector	RMS		RMS		
SweepCount	100		100		
Filter	3 dB		3 dB		
Trace Mode	Average Power		Average Power		
SweepType	Sweep		Sweep		
Preamp	off		off		
Occupied	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
	2412.000000	16.700000	---	2403.550000	2420.250000
Result					
2412.000000	PASS				

99 % Bandwidth

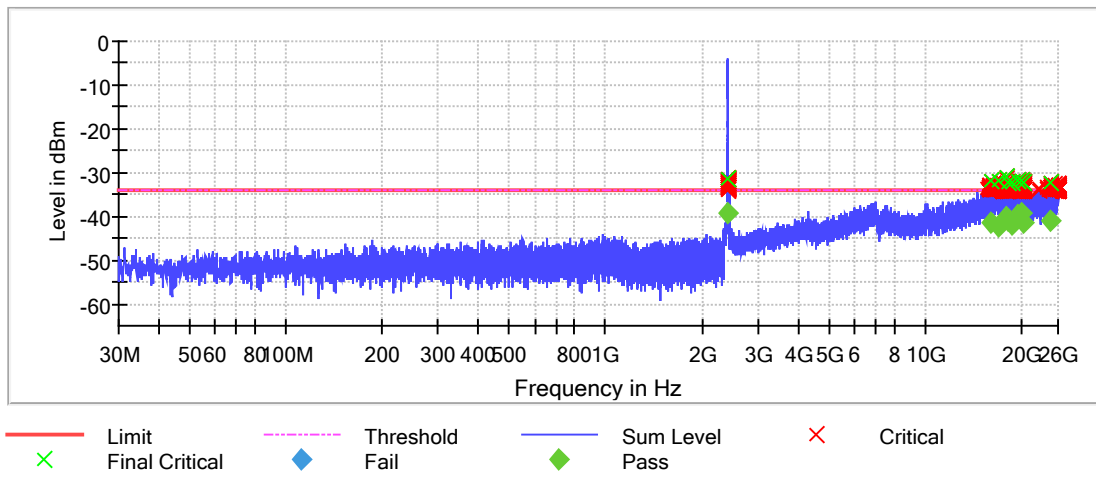


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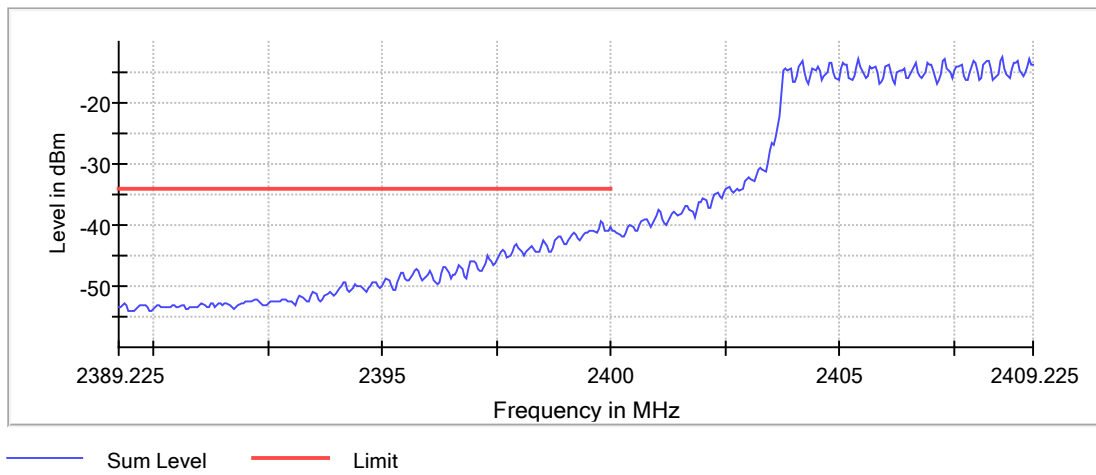
Measurement

		Instrument Value		Target Value			
Start Frequency		2.39200 GHz		2.39200 GHz			
Stop Frequency		2.43200 GHz		2.43200 GHz			
Span		40.000 MHz		40.000 MHz			
RBW		200.000 kHz		>= 200.000 kHz			
VBW		1.000 MHz		>= 600.000 kHz			
SweepPoints		400		~ 400			
SweepTime		28.477 μs		AUTO			
Reference Level		-5.000 dBm		-5.000 dBm			
Attenuation		15.000 dB		AUTO			
Detector		MaxPeak		MaxPeak			
SweepCount		100		100			
Filter		3 dB		3 dB			
Trace Mode		Max Hold		Max Hold			
SweepType		FFT		AUTO			
Preamp		off		off			
		Result					
2412.000000		PASS					
Final	Level Pre Measurement (dBm)		level (dBm)	Limit (dBm)	Margin (dB)	Result	
	2399.773628		-32.2	-39.3	-34.1	5.2	PASS
	16126.263196		-33.8	-41.2	-34.1	7.2	PASS
	16866.754075		-34.4	-42.4	-34.1	8.3	PASS
	17884.322932		-33.5	-40.3	-34.1	6.2	PASS
	18221.584230		-34.5	-41.0	-34.1	7.0	PASS
	18526.128211		-32.9	-42.0	-34.1	7.9	PASS
	19547.577252		-34.1	-39.8	-34.1	5.8	PASS
	19888.739485		-33.5	-39.4	-34.1	5.4	PASS
	20244.906698		-36.2	-41.6	-34.1	7.5	PASS
24660.723296		-36.2	-40.9	-34.1	6.8	PASS	
	Level (dBm)	Margin (dB)	Limit (dBm)				
17888.163331	-31.0	-3.1	-34.1				
17895.512007	-31.2	-2.8	-34.1				
2399.225000	-31.3	-2.8	-34.1				
2399.825000	-31.5	-2.6	-34.1				
2398.225000	-31.5	-2.6	-34.1				
2399.875000	-31.5	-2.5	-34.1				
19540.145831	-31.6	-2.4	-34.1				
2399.125000	-31.7	-2.4	-34.1				
2399.075000	-31.7	-2.3	-34.1				
19895.821779	-31.7	-2.3	-34.1				
19910.519132	-31.7	-2.3	-34.1				
2398.275000	-31.7	-2.3	-34.1				
16871.841357	-31.8	-2.2	-34.1				
19537.206361	-31.9	-2.2	-34.1				
16125.215814	-31.9	-2.1	-34.1				
	Stop Frequency (MHz)		Pre Measurement		Final Measurement		
30.000000	2350.000000		1		1		
2350.000000	2483.500000		2		1		
2483.500000	26000.000000		1		1		

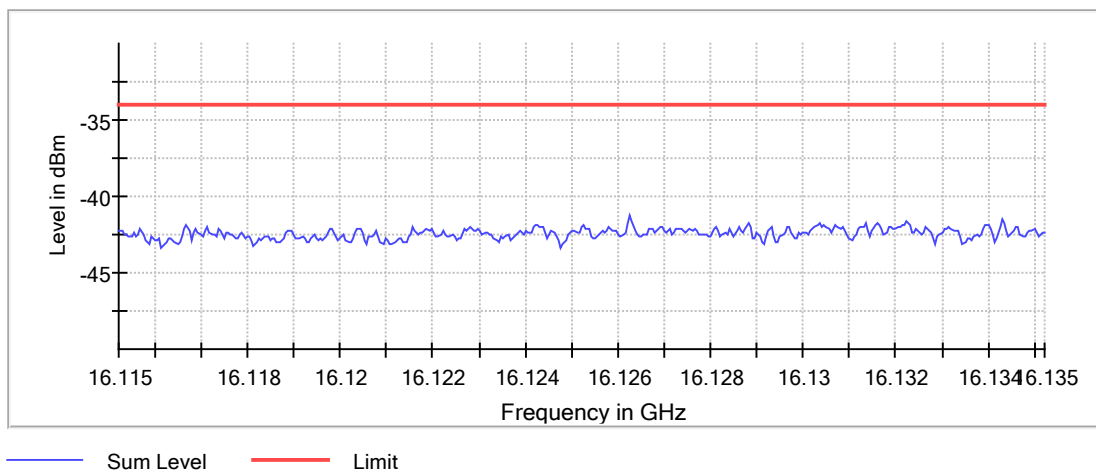
Spurious



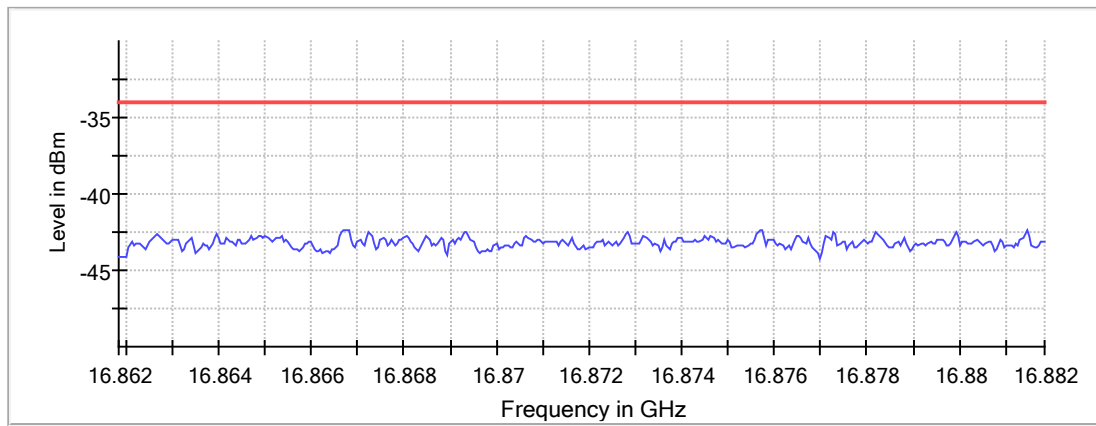
FinalMeas_2399225000Hz



FinalMeas_16125215814Hz

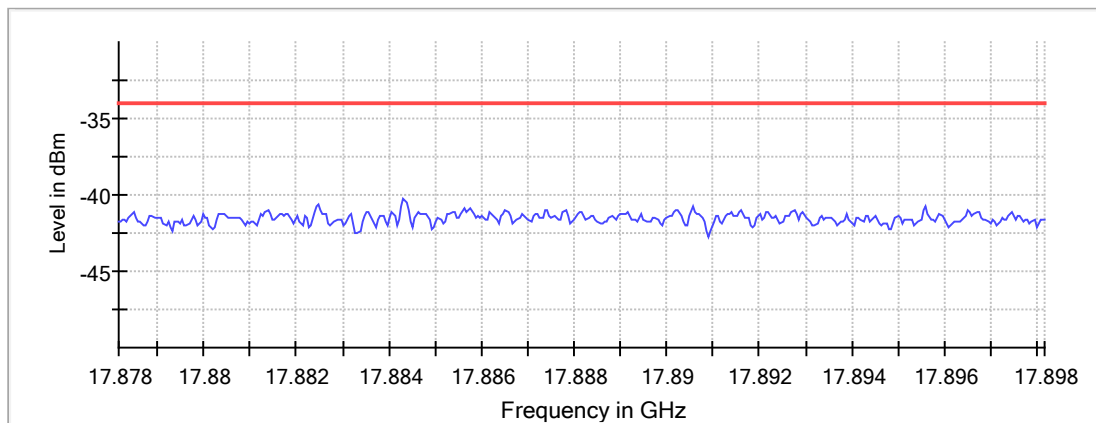


FinalMeas_16871841357Hz



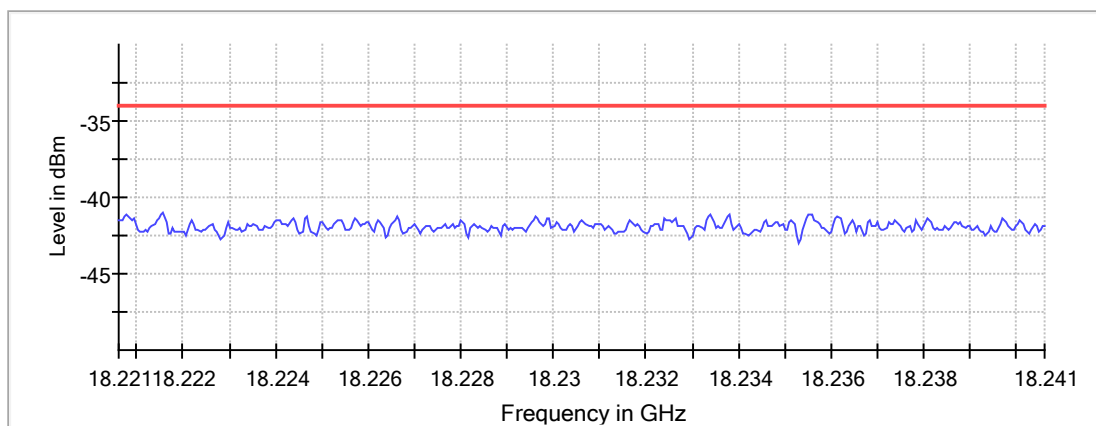
Sum Level Limit

FinalMeas_17888163331Hz



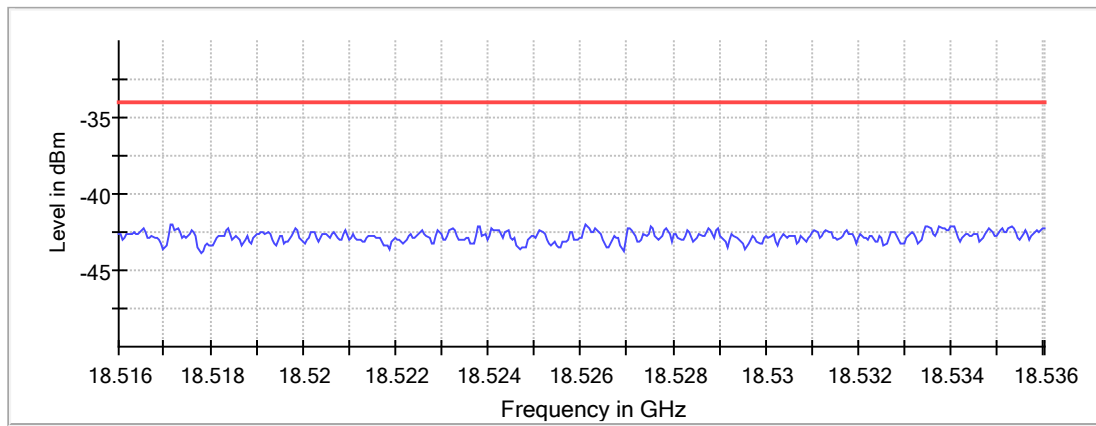
Sum Level Limit

FinalMeas_18230611661Hz



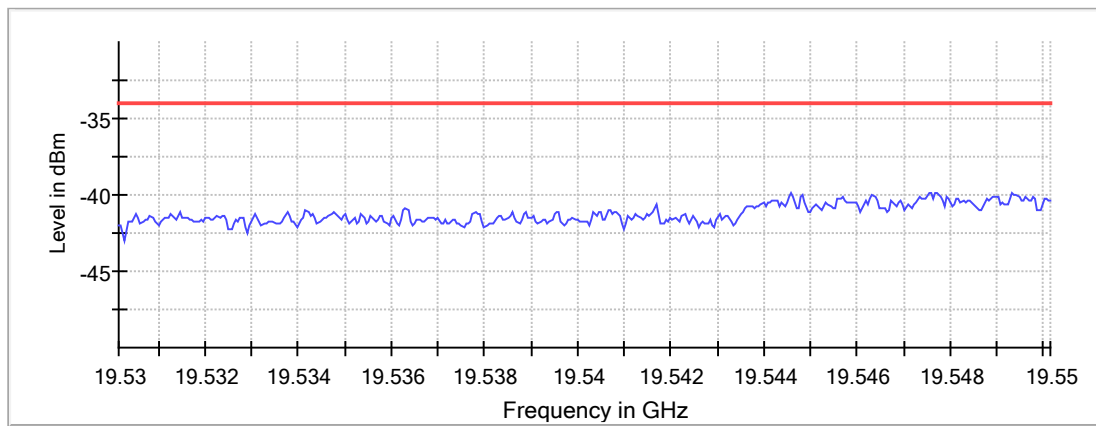
Sum Level Limit

FinalMeas_18526028460Hz



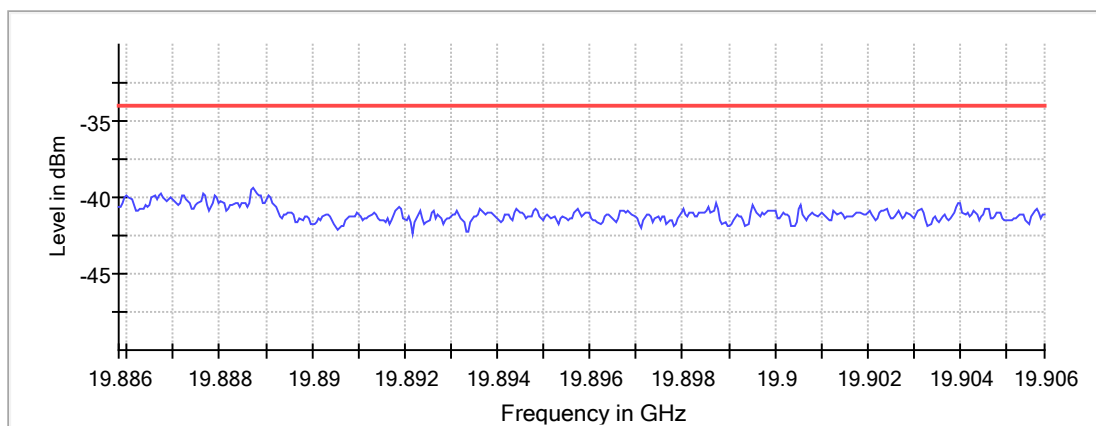
Sum Level Limit

FinalMeas_19540145831Hz



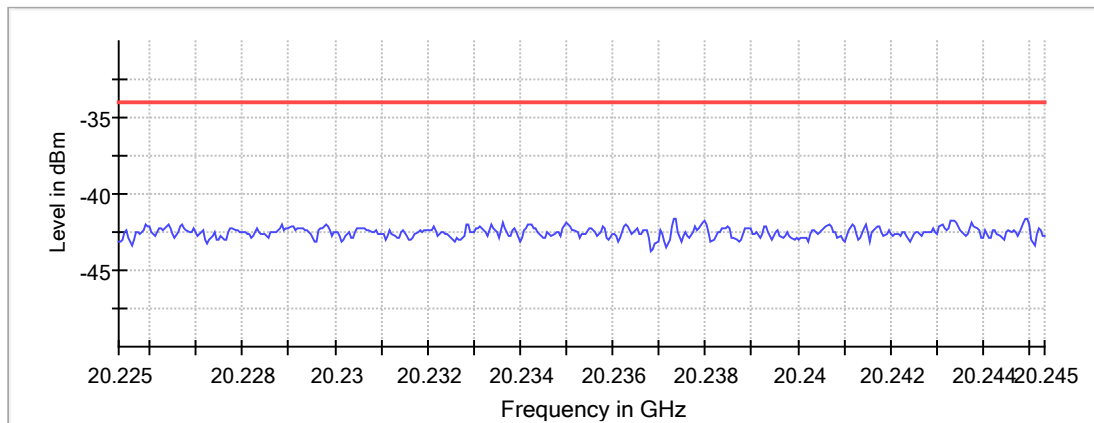
Sum Level Limit

FinalMeas_19895821779Hz



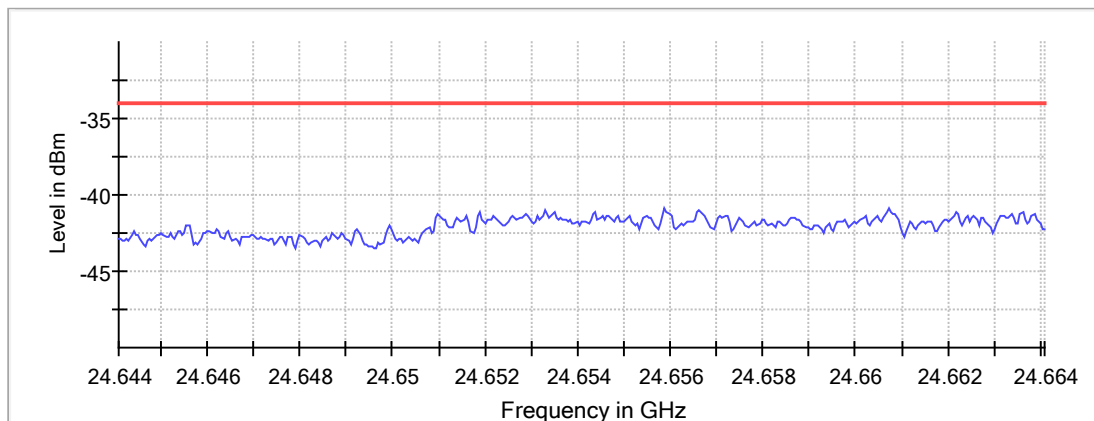
Sum Level Limit

FinalMeas_20235330638Hz



— Sum Level — Limit

FinalMeas_24654089880Hz

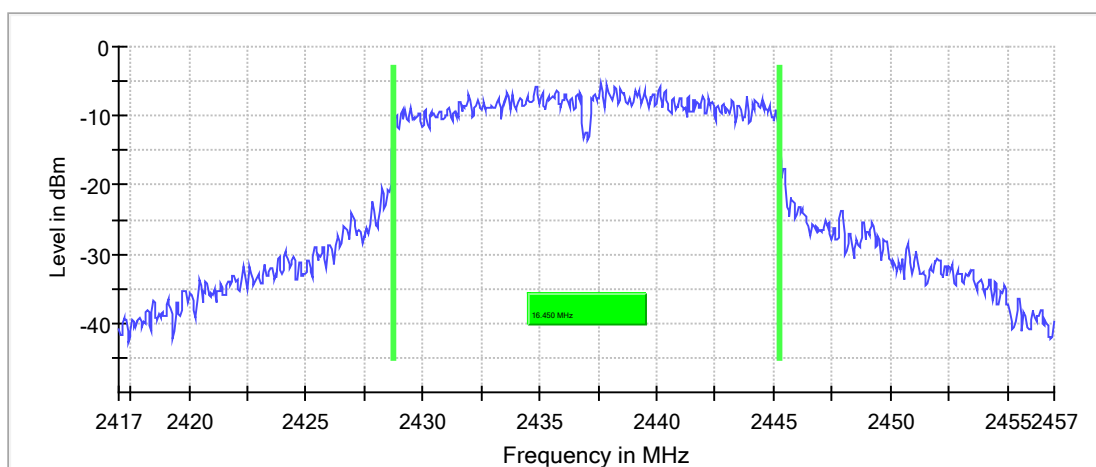


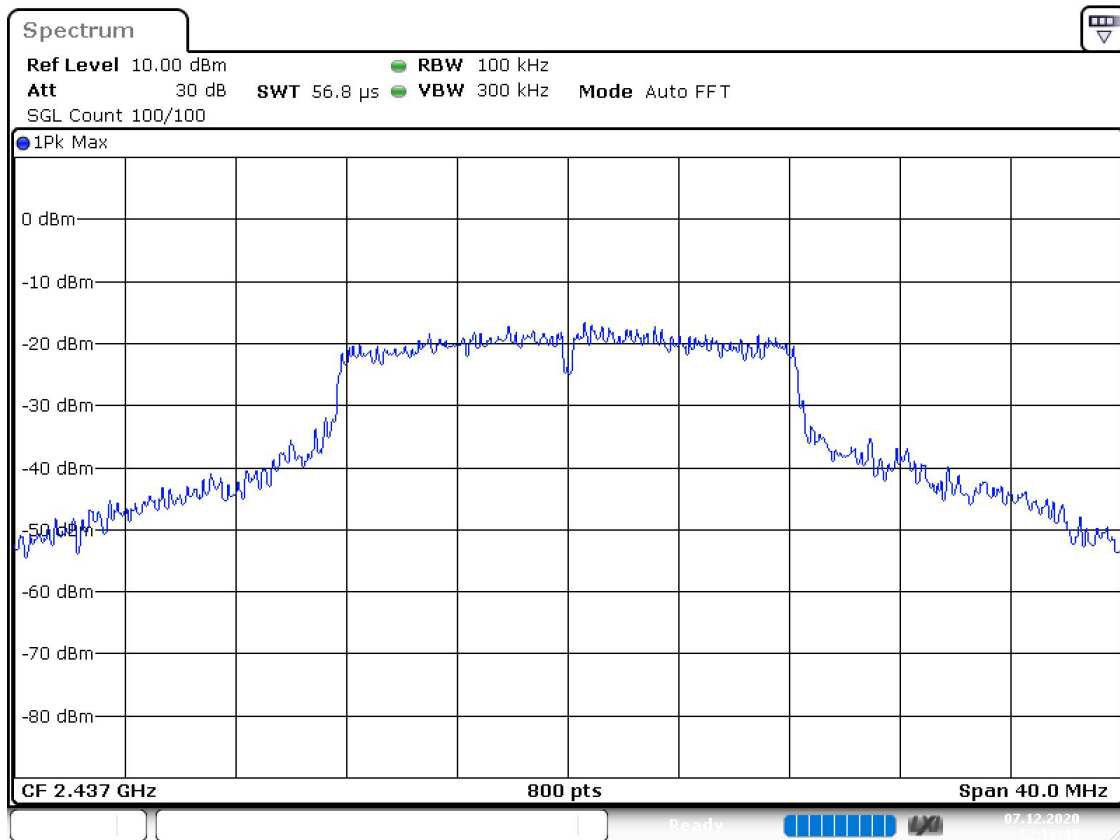
— Sum Level — Limit

	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	32001	~ 46400
Sweeptime	32.100 ms	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	40.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	2670	~ 2670
Sweeptime	151.563 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	40.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	300	300
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz

VBW	300.000 kHz			>= 300.000 kHz	
SweepPoints	401			~ 401	
SweepTime	37.907 μ s			AUTO	
Reference Level	20.000 dBm			20.000 dBm	
Attenuation	40.000 dB			40.000 dB	
Detector	Sample			Sample	
SweepCount	100			100	
Filter	3 dB			3 dB	
Trace Mode	Average Linear			Average Linear	
SweepType	FFT			AUTO	
Preamplifier	off			off	
Minimum	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2437.000000	16.450000	0.500000	---	2428.775000	2445.225000
	Max Level (dBm)	Result			
2437.000000	-5.1	PASS			

6 dB Bandwidth





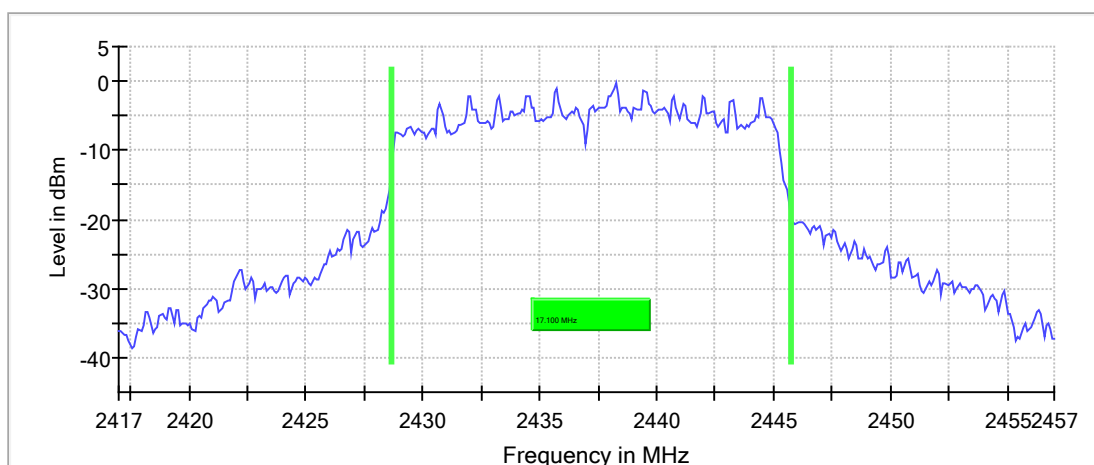
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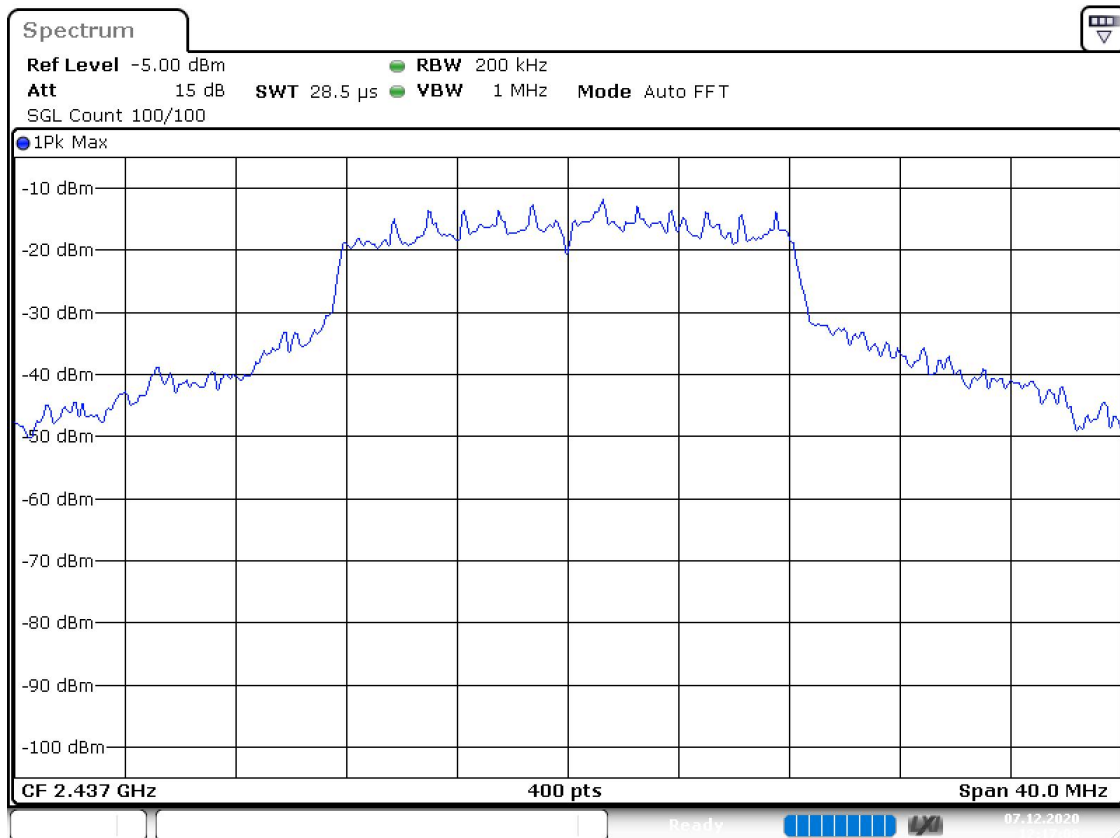
Occupied Channel Bandwidth 99% (2437 MHz; 24.000 dBm; 20 MHz)

99 % Bandwidth

	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
Bandwidth	2437.000000	17.100000	---	2428.650000	2445.750000
Result					
2437.000000	PASS				

99 % Bandwidth





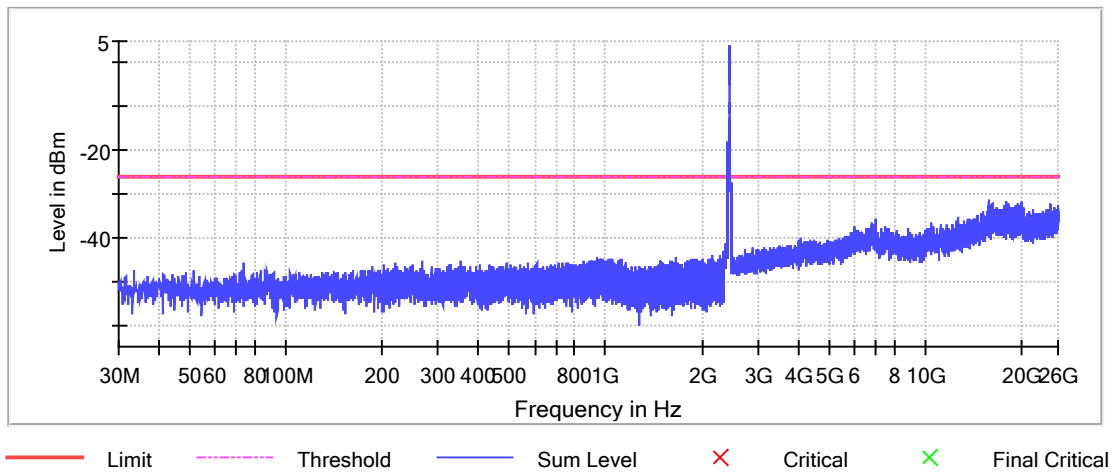
Date: 7.DEC.2020 12:17:08

Tx Spurious Emission (2437 MHz; 24.000 dBm; 20 MHz)

Result

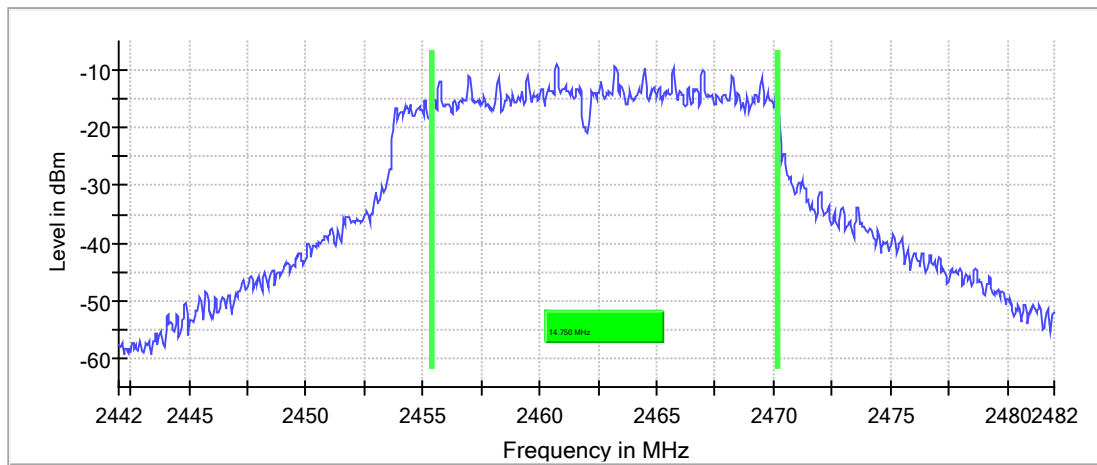
					Result
2437.000000					PASS
Final	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
---	---	---	---	---	---
	Level (dBm)	Margin (dB)	Limit (dBm)		
15804.813514	-31.4	5.4	-26.0		
17905.800155	-31.7	5.6	-26.0		
15821.715470	-31.7	5.7	-26.0		
19884.798764	-31.8	5.8	-26.0		
15888.588427	-31.9	5.9	-26.0		
17891.102801	-32.0	5.9	-26.0		
16132.564490	-32.0	5.9	-26.0		
19895.086911	-32.0	6.0	-26.0		
19907.579662	-32.1	6.0	-26.0		
16173.717079	-32.1	6.0	-26.0		
18244.574146	-32.1	6.0	-26.0		
18211.505101	-32.1	6.1	-26.0		
19552.638582	-32.1	6.1	-26.0		
18207.095895	-32.1	6.1	-26.0		
19879.654690	-32.1	6.1	-26.0		
	Stop Frequency (MHz)	Pre Measurement	Final Measurement		
30.000000	2350.000000	1	1		
2350.000000	2483.500000	2	1		
2483.500000	26000.000000	1	1		

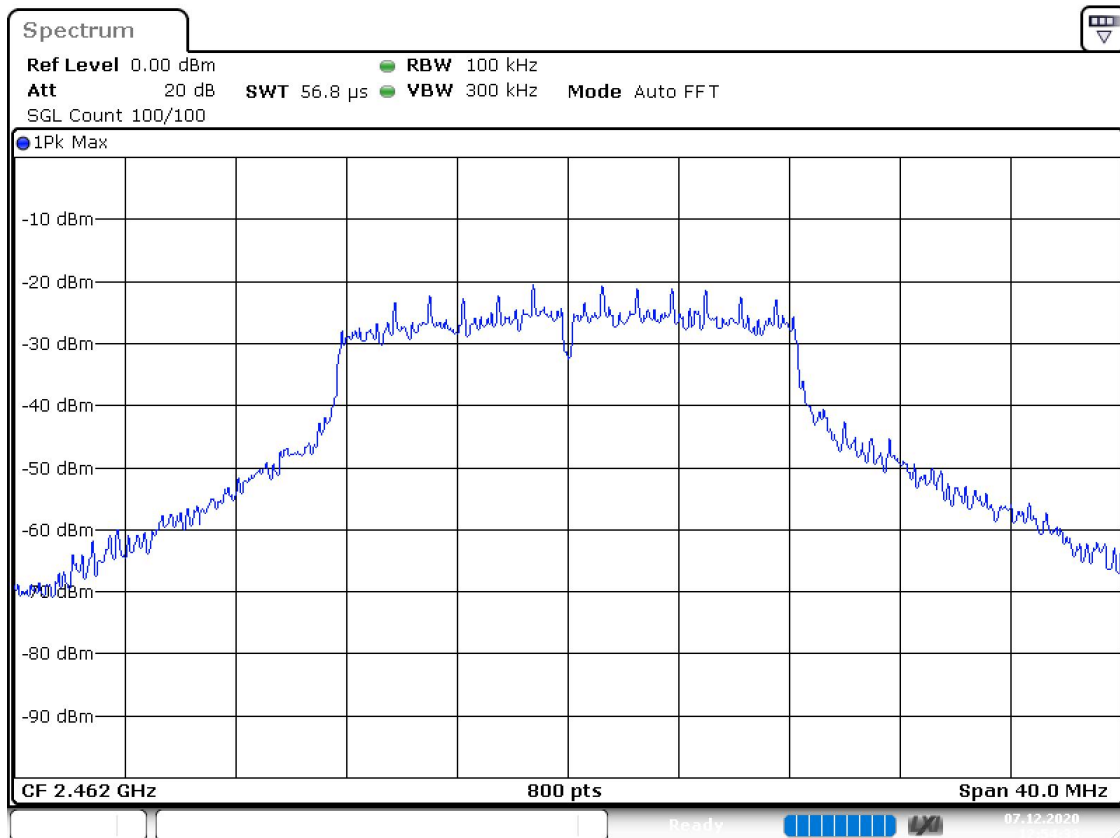
Spurious



	Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
Minimum					
2462.000000	14.750000	0.500000	---	2455.425000	2470.175000
	Max Level (dBm)	Result			
2462.000000	-9.1	PASS			

6 dB Bandwidth



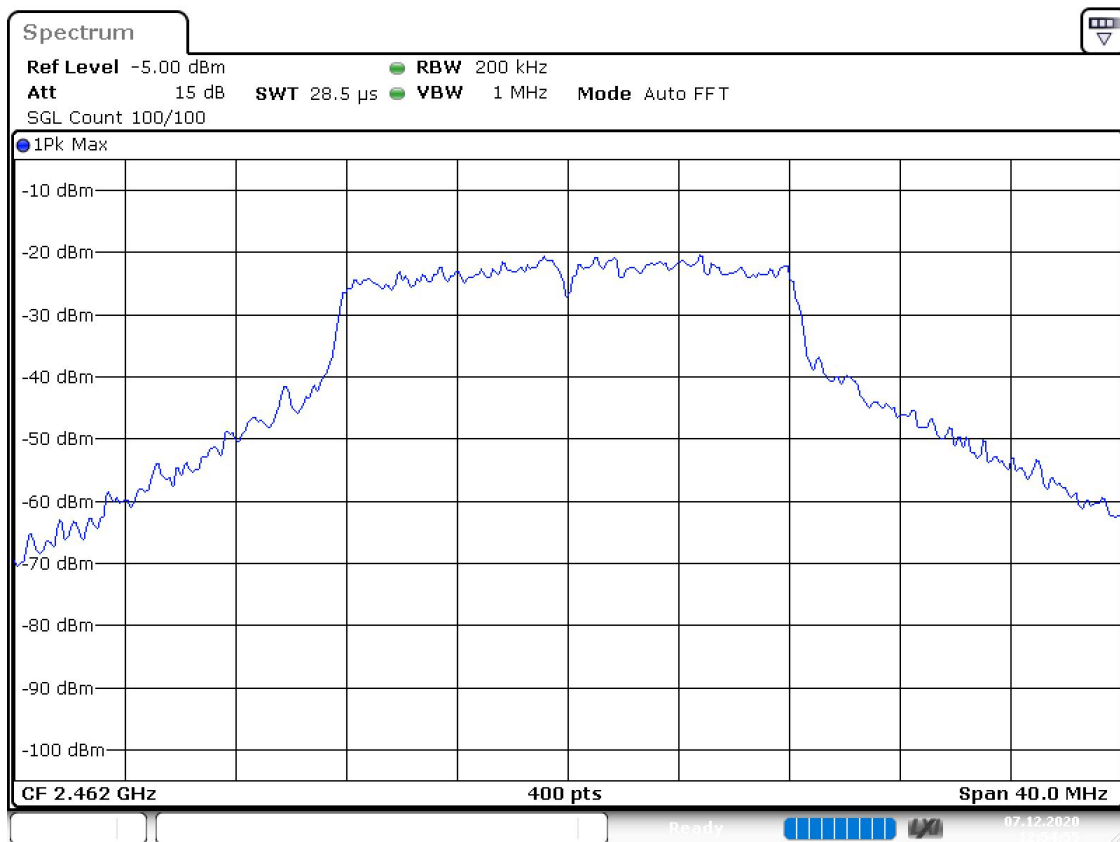
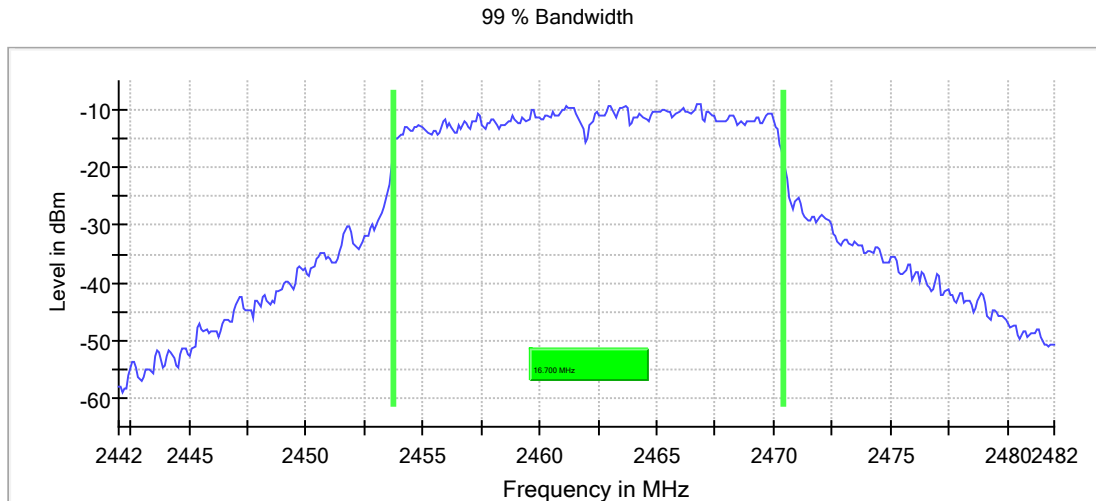


Date: 7.DEC.2020 12:54:33

Power Spectral Density (2462 MHz; 24.000 dBm; 20 MHz)

Result

		Frequency (MHz)	PSD (dBm)	Limit Max (dBm)	Result	
Bandwidth		2462.000000	2462.925000	-13.168	8.0	
		State				
1	used					
2	used					
Occupied		Bandwidth (MHz)	Limit Min (MHz)	Limit Max (MHz)	Band Edge Left (MHz)	Band Edge Right (MHz)
2462.000000		16.700000	---	---	2453.750000	2470.450000
		Result				
2462.000000		PASS				



Date: 7.DEC.2020 12:54:55

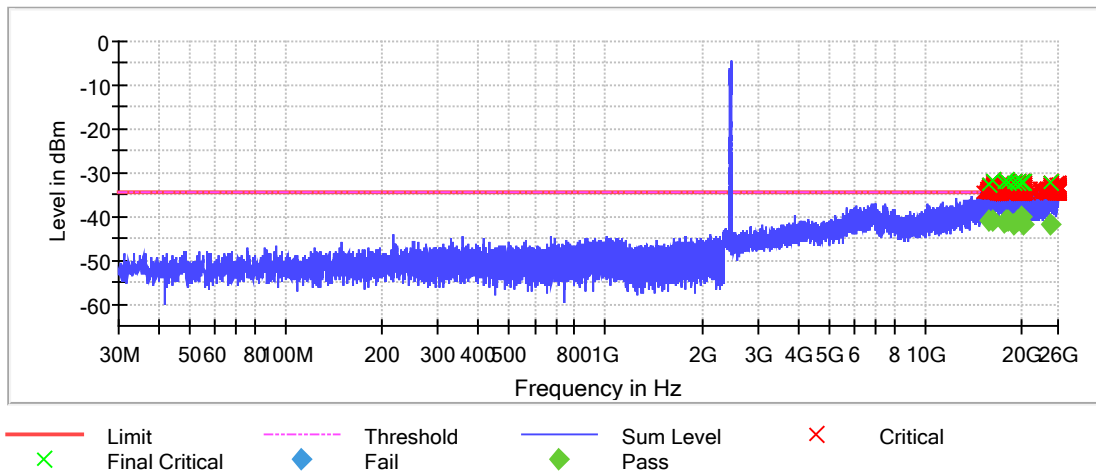
Tx Spurious Emission (2462 MHz; 24.000 dBm; 20 MHz)

Result

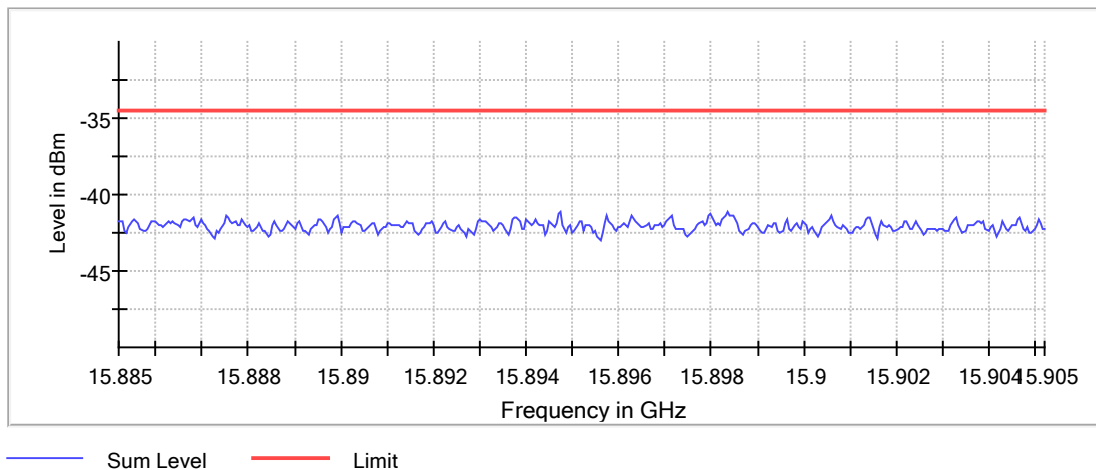
					Result
2462.000000					PASS
Final	Level Pre Measurement (dBm)	level (dBm)	Limit (dBm)	Margin (dB)	Result
15894.753358	-33.3	-41.1	-34.5	6.6	PASS
16211.198502	-35.3	-41.1	-34.5	6.5	PASS
17600.015636	-36.1	-41.6	-34.5	7.0	PASS
17894.671044	-33.5	-40.9	-34.5	6.3	PASS
18237.919980	-35.4	-41.0	-34.5	6.4	PASS

18862.654069	-32.9	-42.0	-34.5	7.4	PASS
19563.366089	-33.9	-41.0	-34.5	6.4	PASS
19873.702523	-34.4	-40.3	-34.5	5.8	PASS
20198.654136	-37.3	-41.7	-34.5	7.2	PASS
24612.405098	-35.8	-41.7	-34.5	7.2	PASS
	Level (dBm)	Margin (dB)	Limit (dBm)		
16208.255859	-31.8	-2.8	-34.5		
16193.558506	-31.9	-2.7	-34.5		
17900.656081	-31.9	-2.6	-34.5		
19872.306014	-32.1	-2.4	-34.5		
24609.262953	-32.1	-2.4	-34.5		
20205.935932	-32.2	-2.4	-34.5		
17888.898198	-32.2	-2.3	-34.5		
18856.718907	-32.3	-2.3	-34.5		
19854.669190	-32.3	-2.3	-34.5		
17604.504414	-32.3	-2.2	-34.5		
16244.999242	-32.3	-2.2	-34.5		
18229.141925	-32.4	-2.2	-34.5		
24538.715657	-32.4	-2.2	-34.5		
19571.745141	-32.4	-2.1	-34.5		
24579.868246	-32.4	-2.1	-34.5		
	Stop Frequency (MHz)		Pre Measurement	Final Measurement	
30.000000	2350.000000		1	1	
2350.000000	2483.500000		2	1	
2483.500000	26000.000000		1	1	

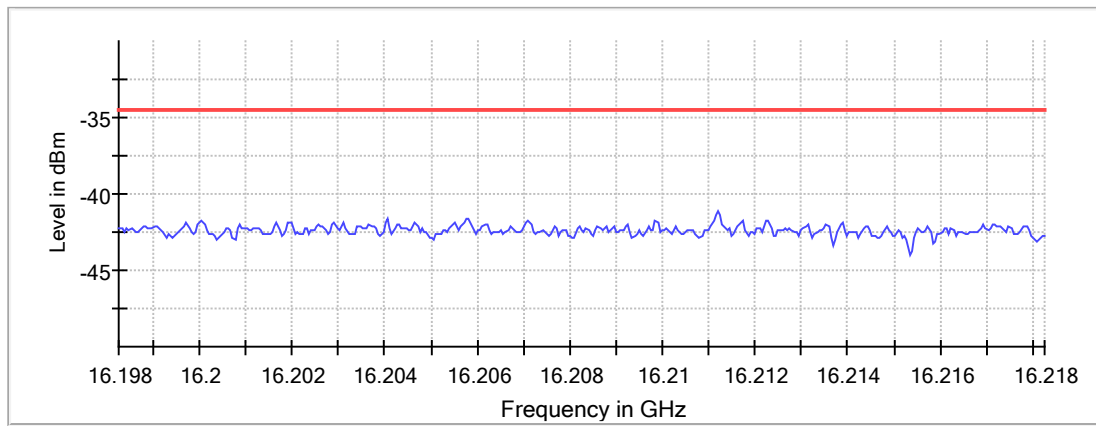
Spurious



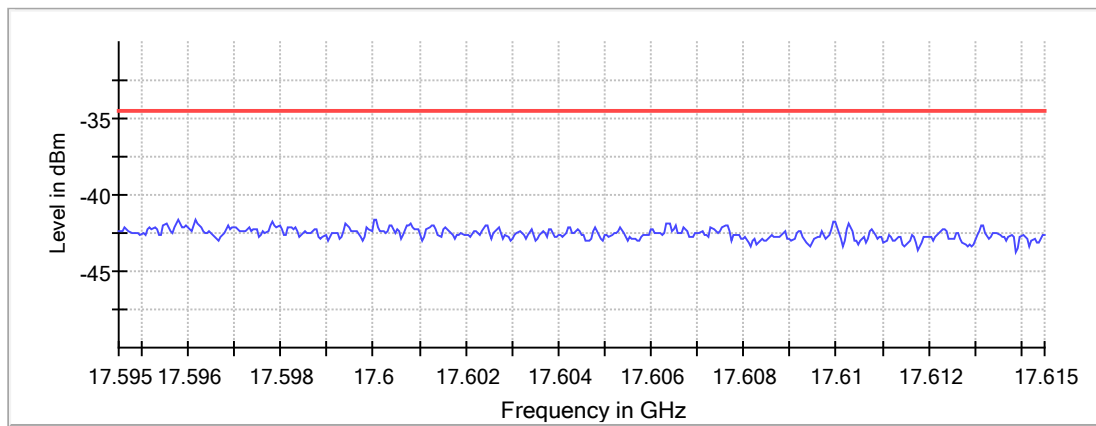
FinalMeas_15895202236Hz



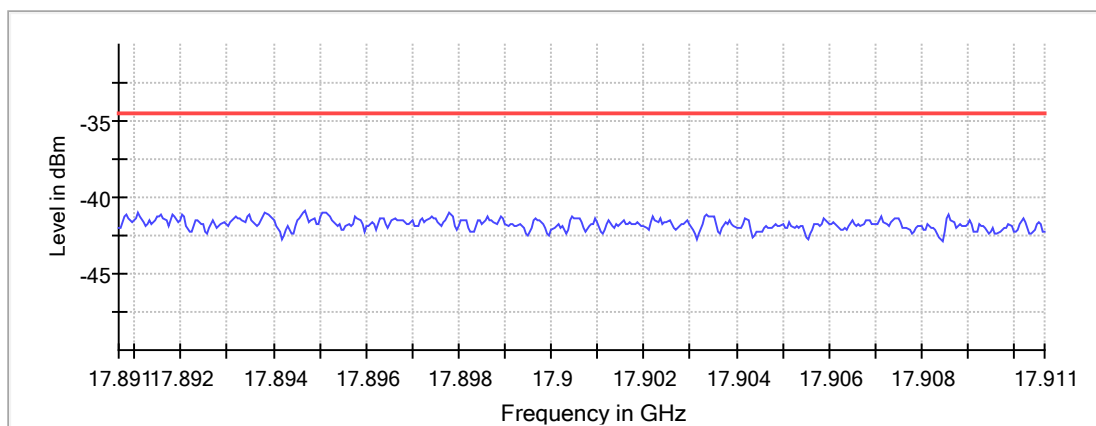
FinalMeas_16208255859Hz



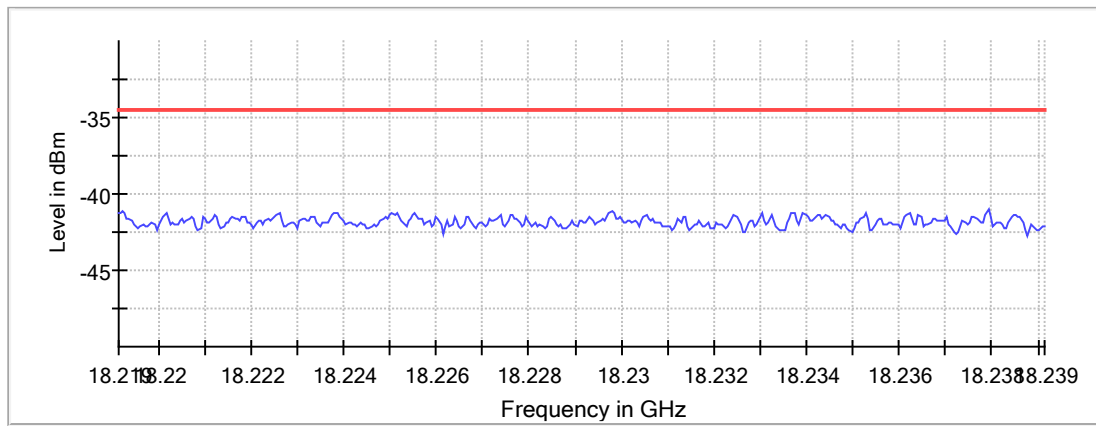
FinalMeas_17604504414Hz



FinalMeas_17900656081Hz

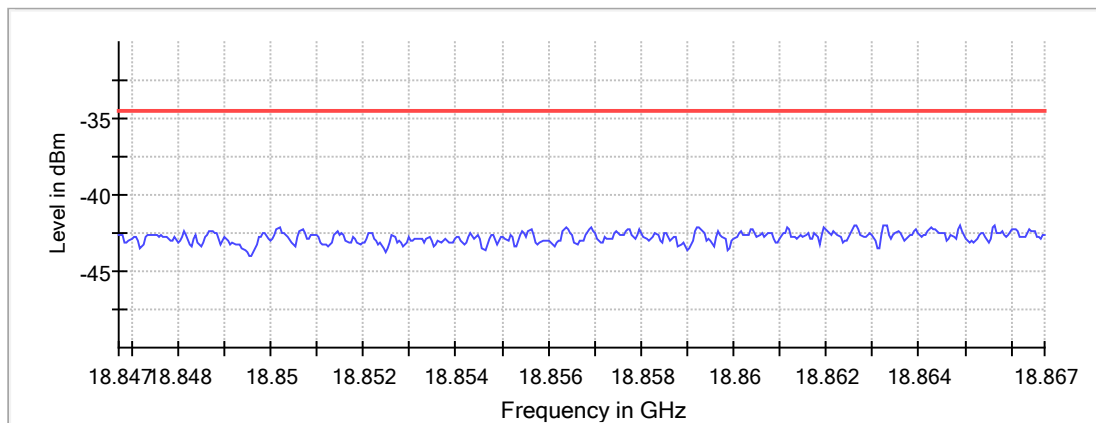


FinalMeas_18229141925Hz



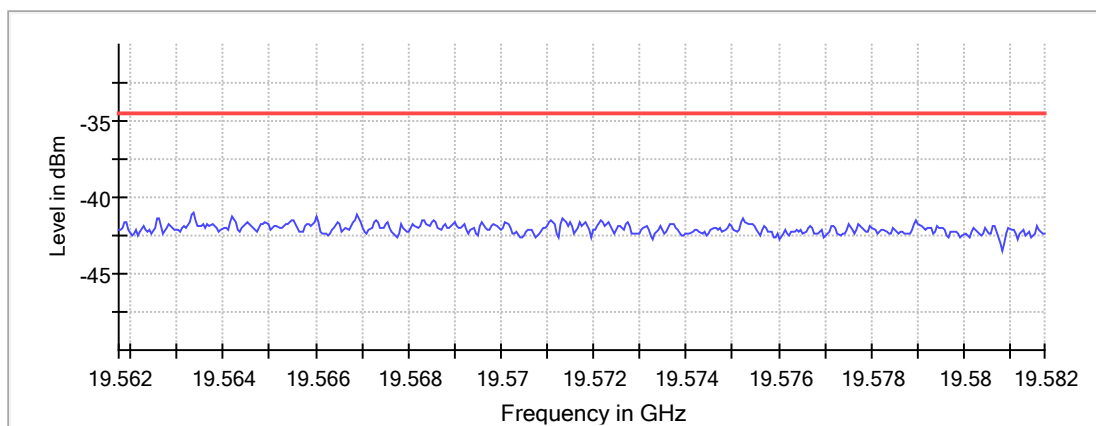
Sum Level Limit

FinalMeas_18856718907Hz



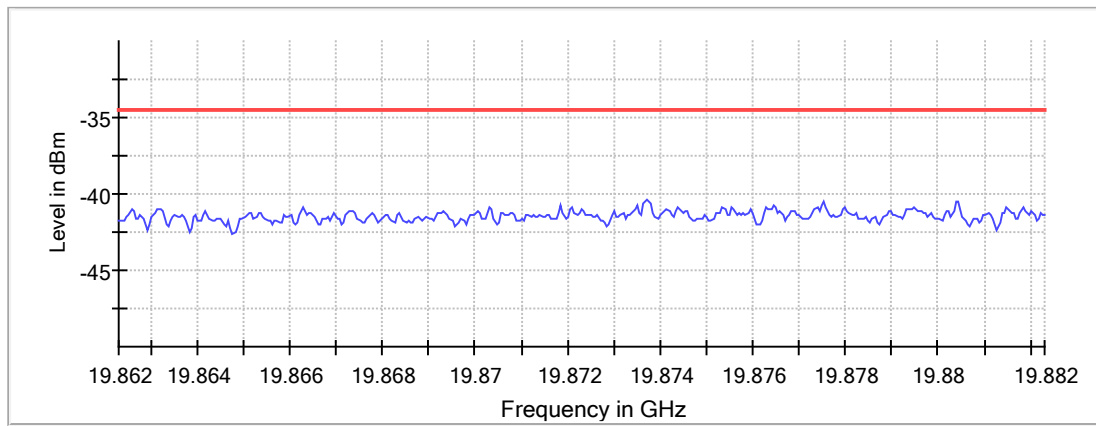
Sum Level Limit

FinalMeas_19571745141Hz



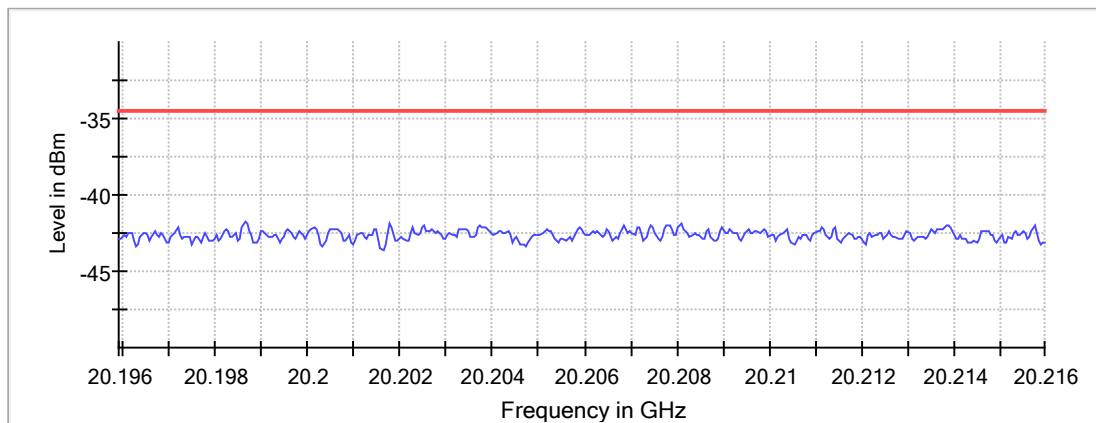
Sum Level Limit

FinalMeas_19872306014Hz



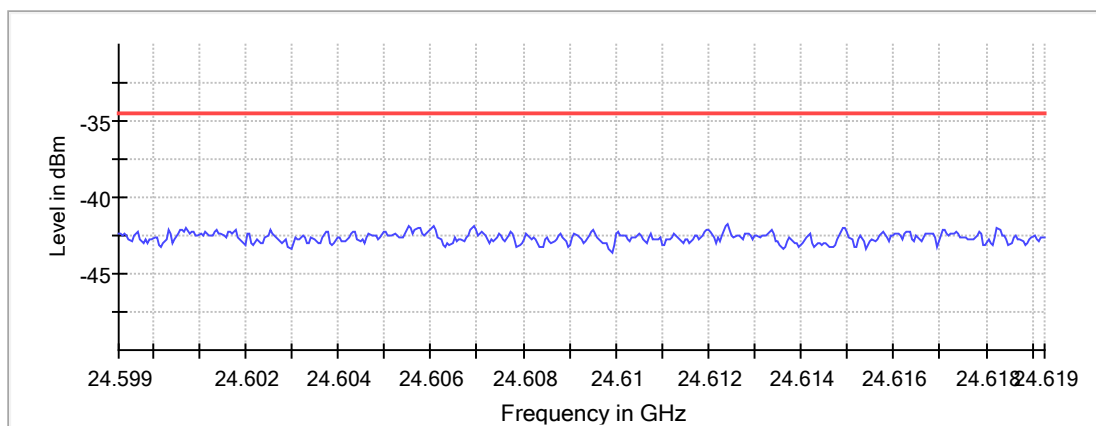
Sum Level Limit

FinalMeas_20205935932Hz



Sum Level Limit

FinalMeas_24609262953Hz



Sum Level Limit