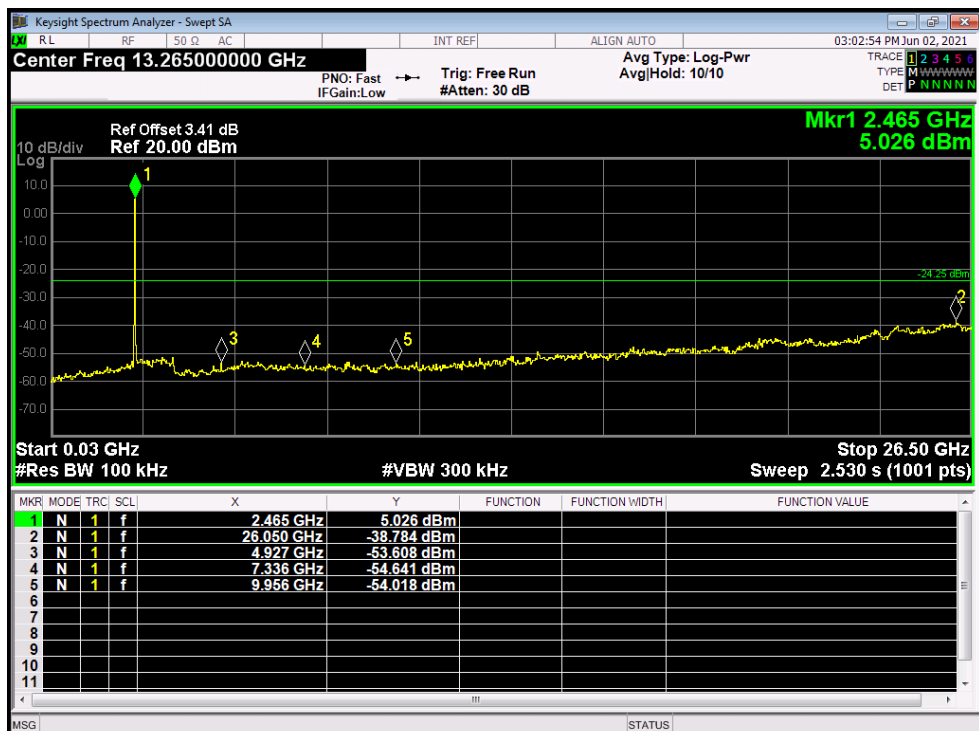
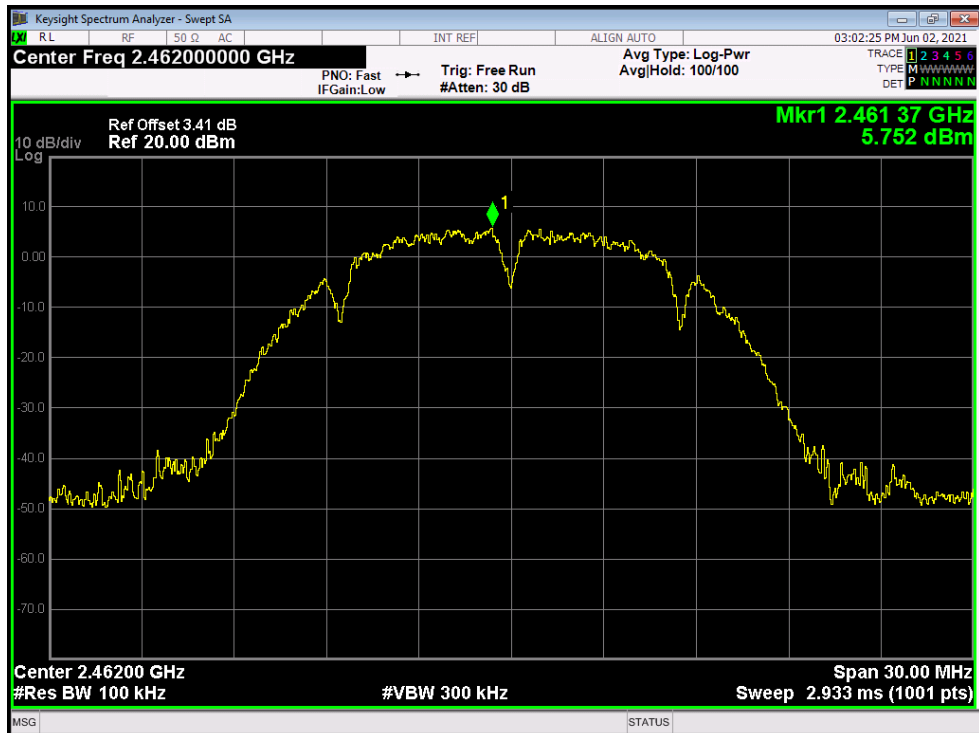
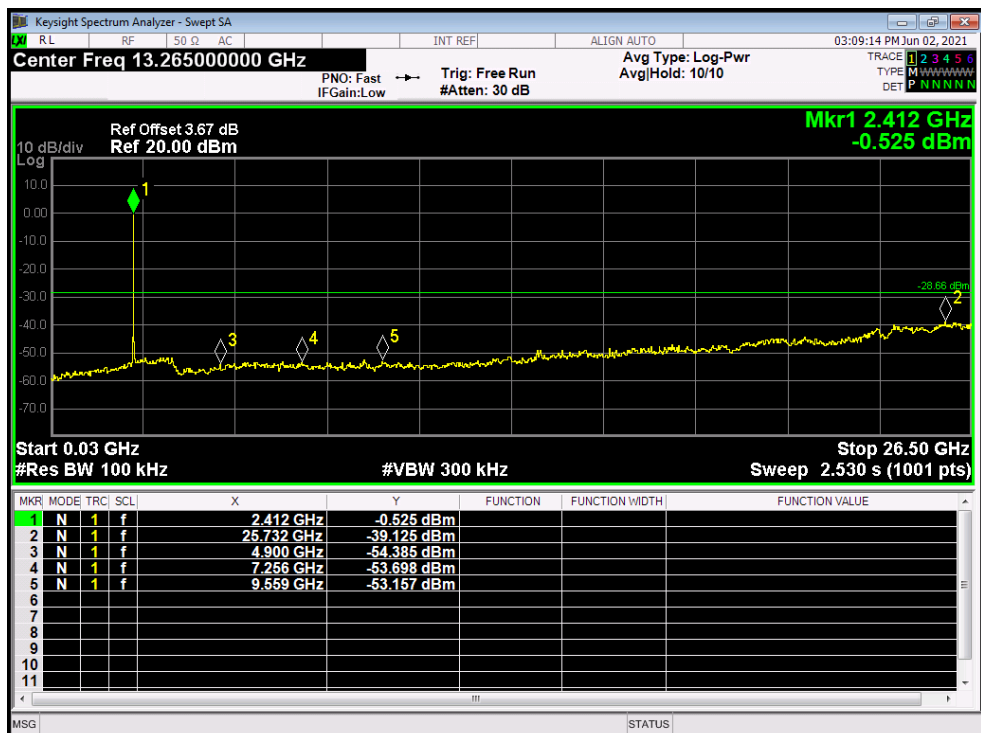
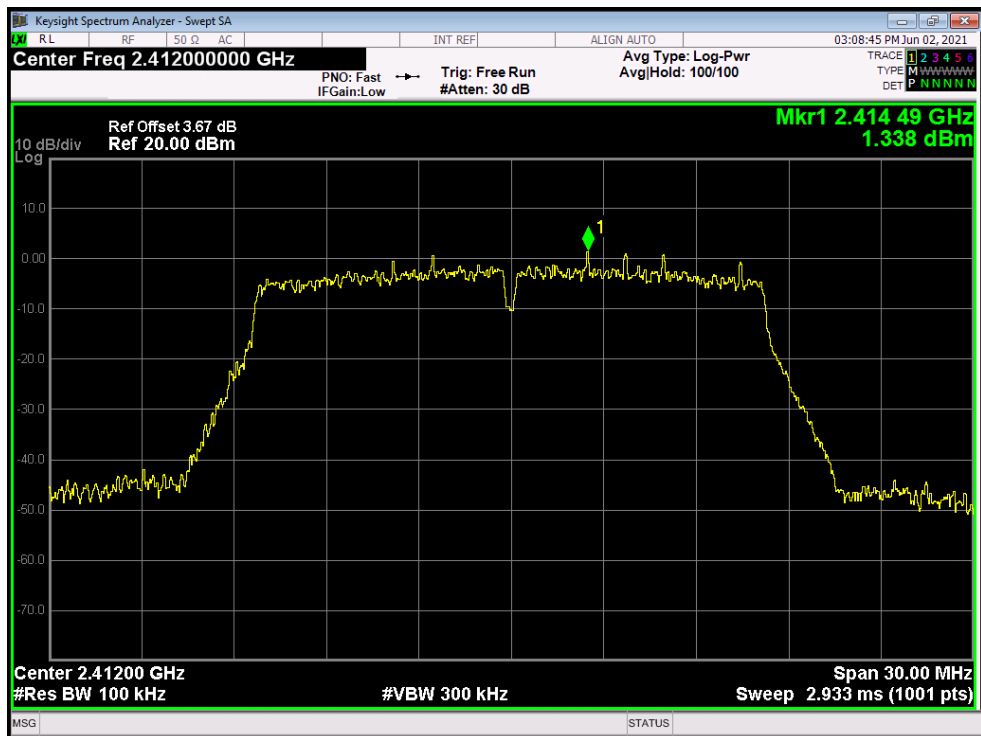


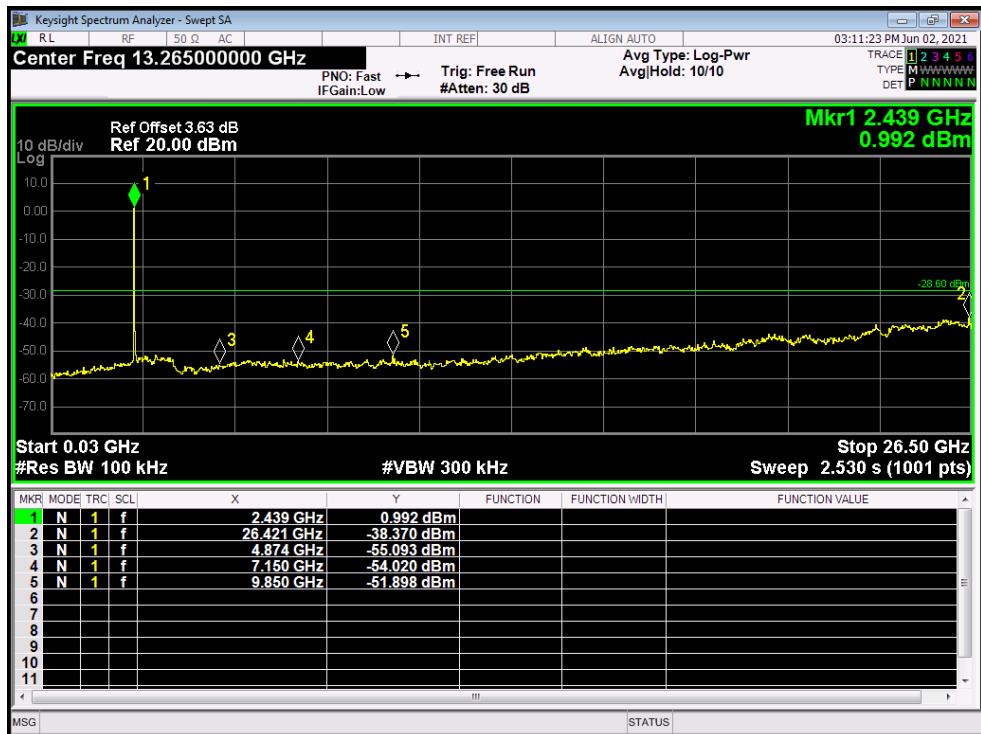
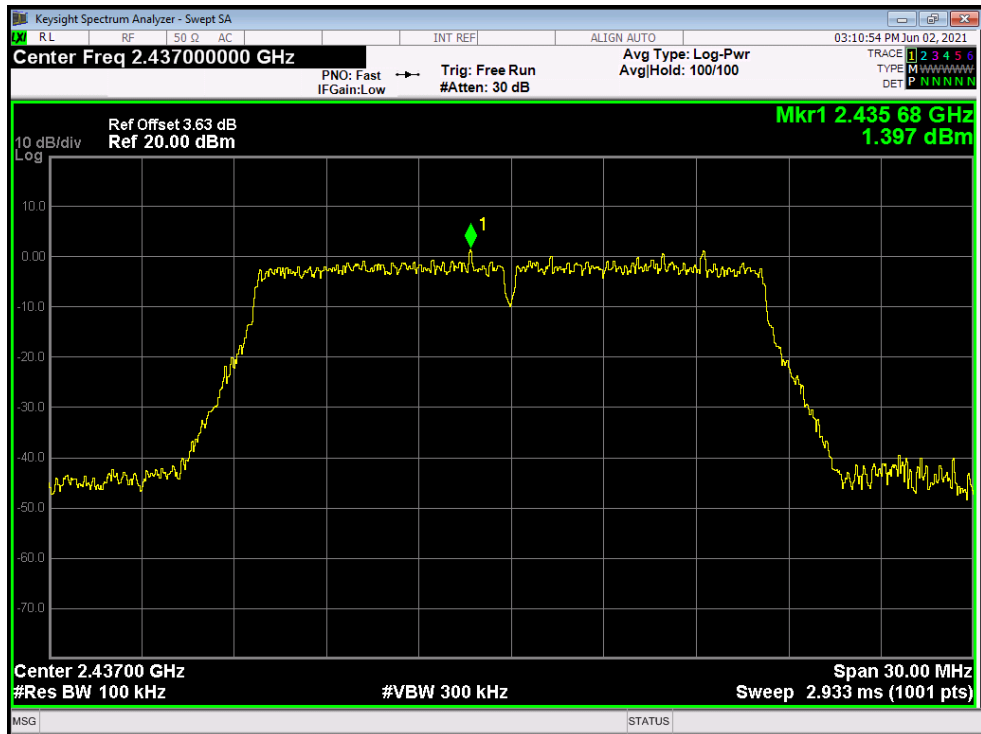
Temperature:	23.9°C	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX B Mode 2462MHz		
Remark:	The EUT is programed in continuously transmitting mode		



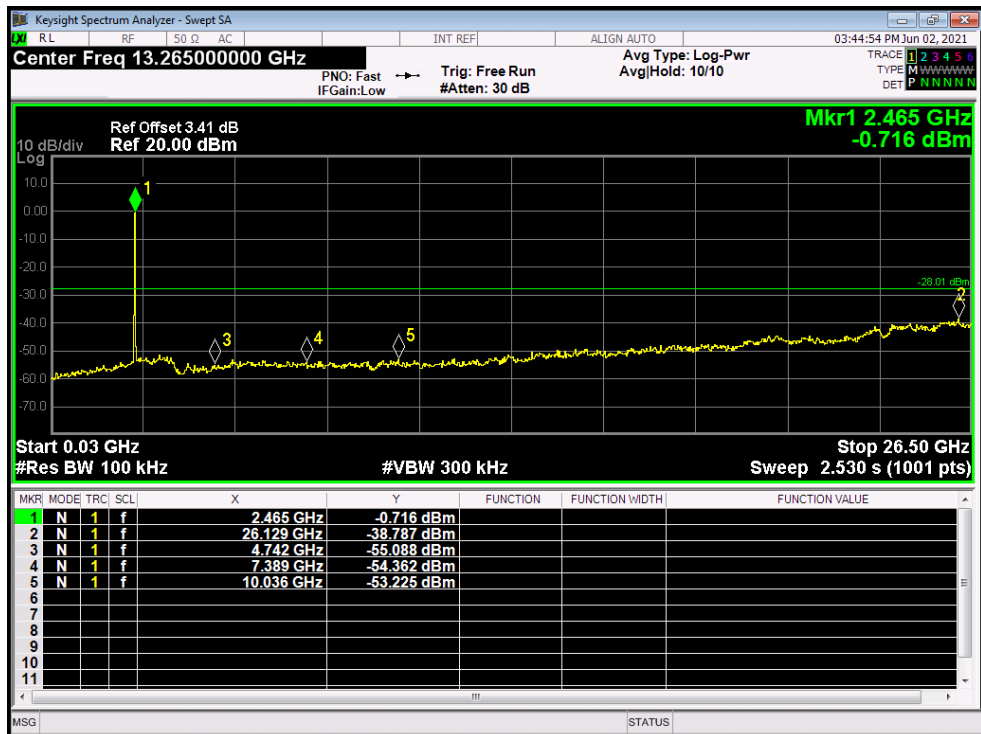
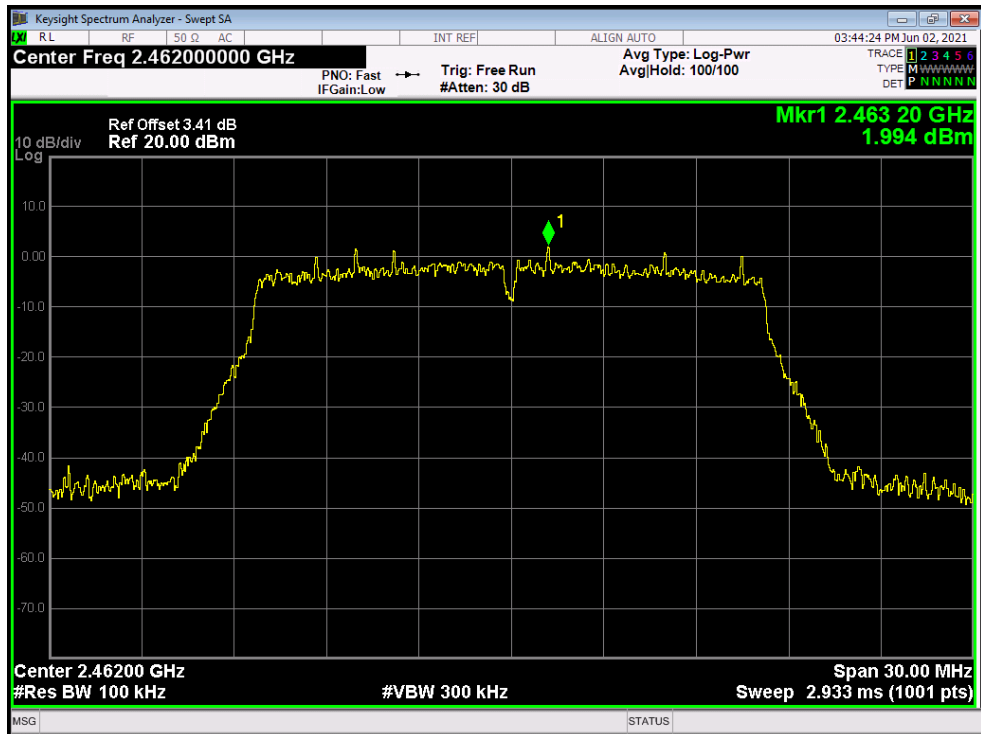
Temperature:	23.9°C	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX G Mode 2412MHz		
Remark:	The EUT is programed in continuously transmitting mode		



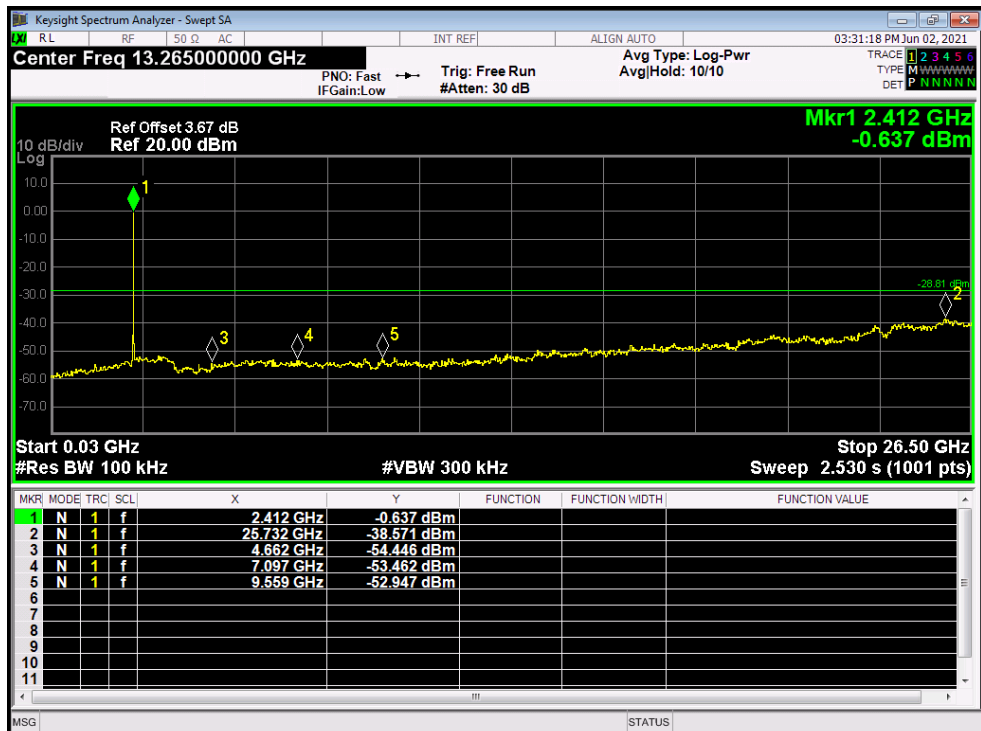
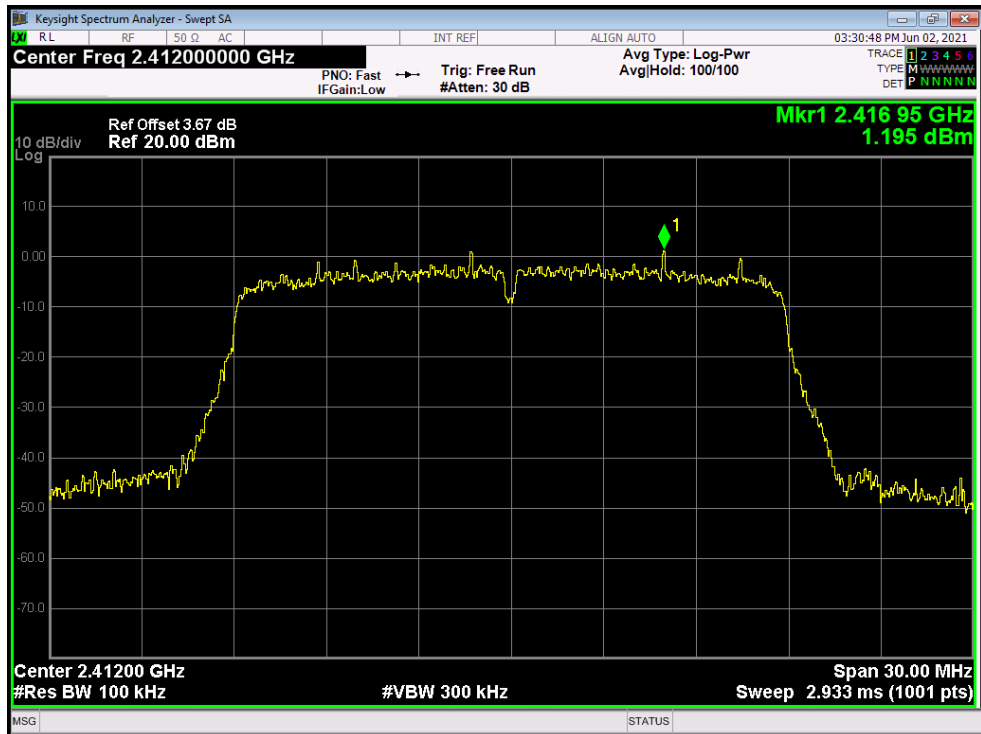
Temperature:	23.9°C	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX G Mode 2437MHz		
Remark:	The EUT is programed in continuously transmitting mode		



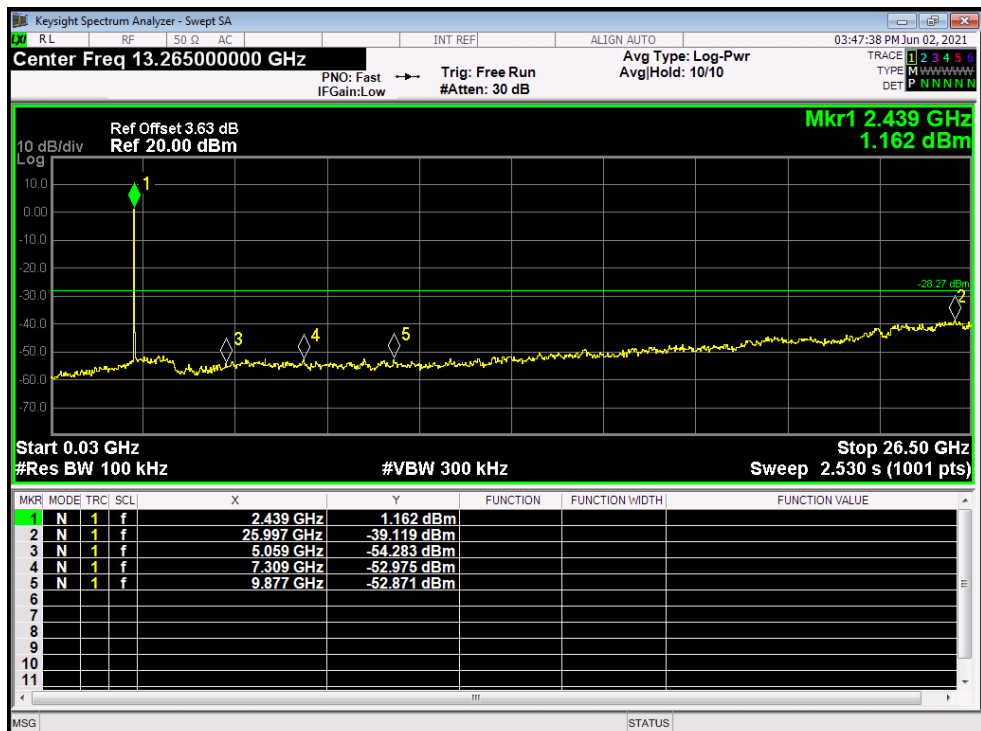
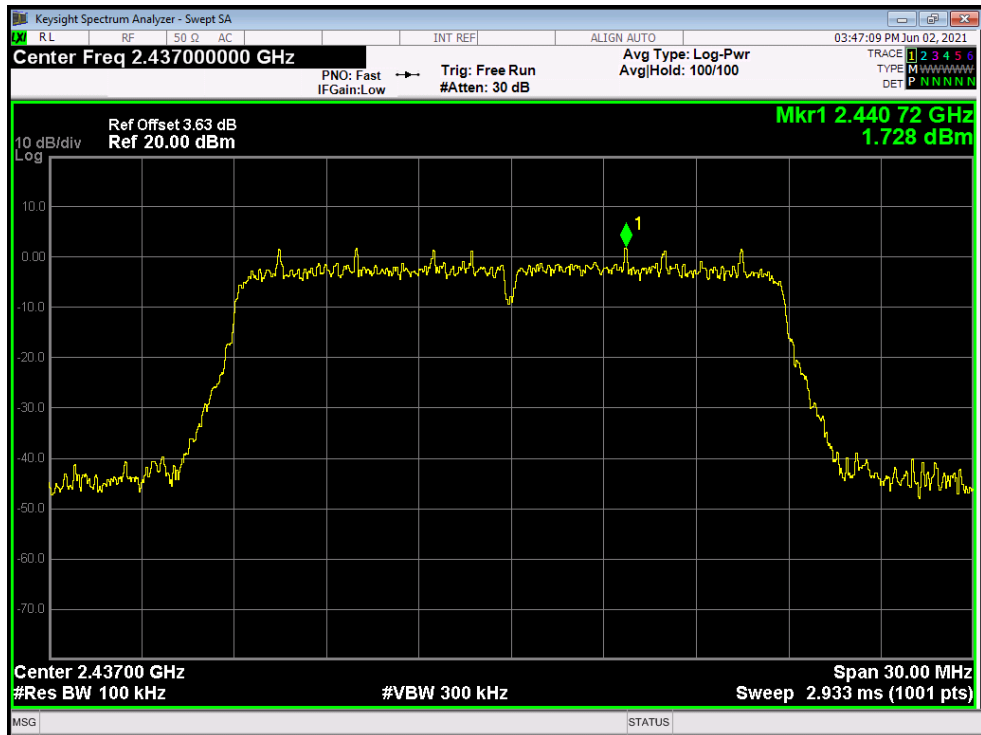
Temperature:	23.9°C	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX G Mode 2462MHz		
Remark:	The EUT is programed in continuously transmitting mode		

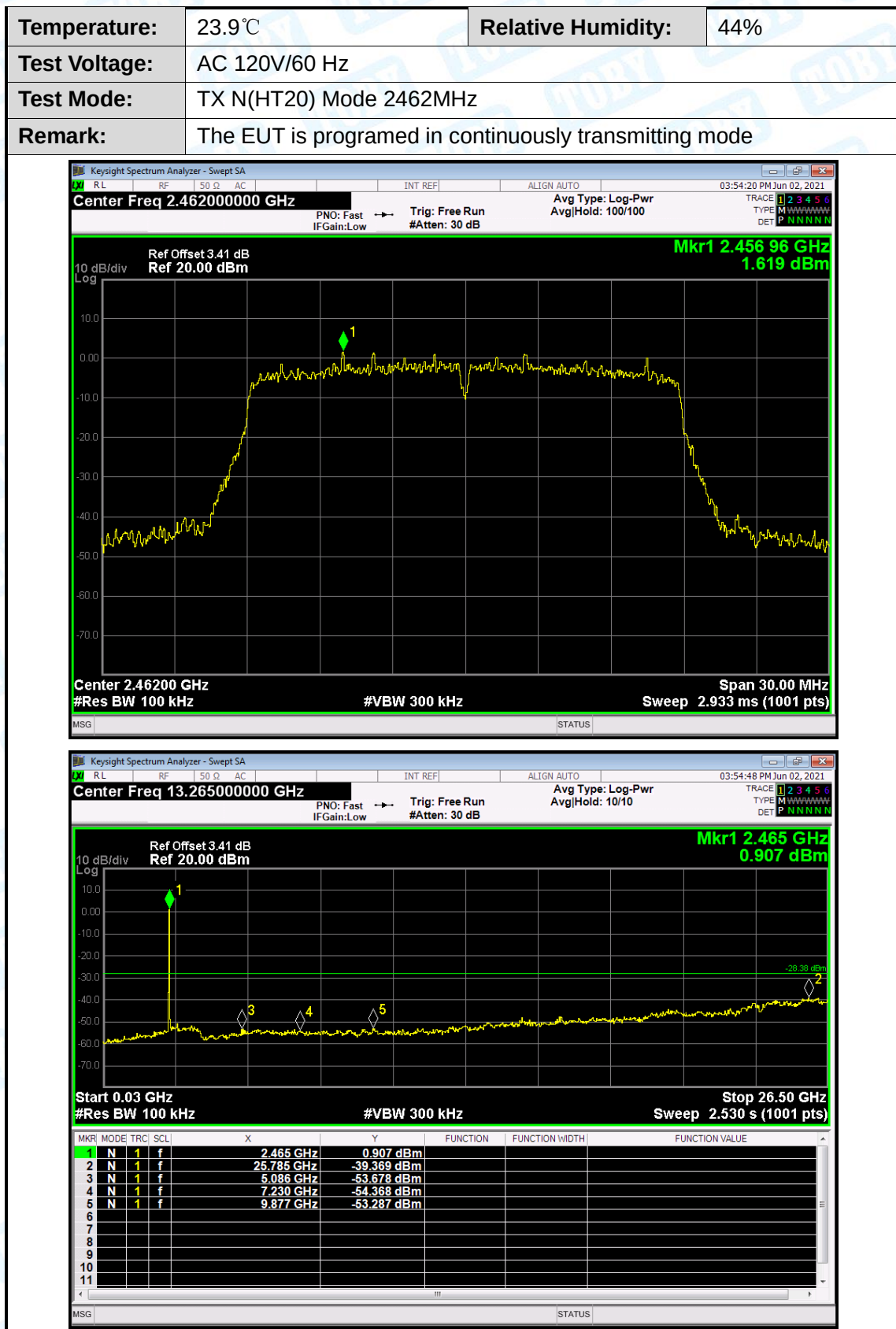


Temperature:	23.9°C	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX N(HT20) Mode 2412MHz		
Remark:	The EUT is programed in continuously transmitting mode		

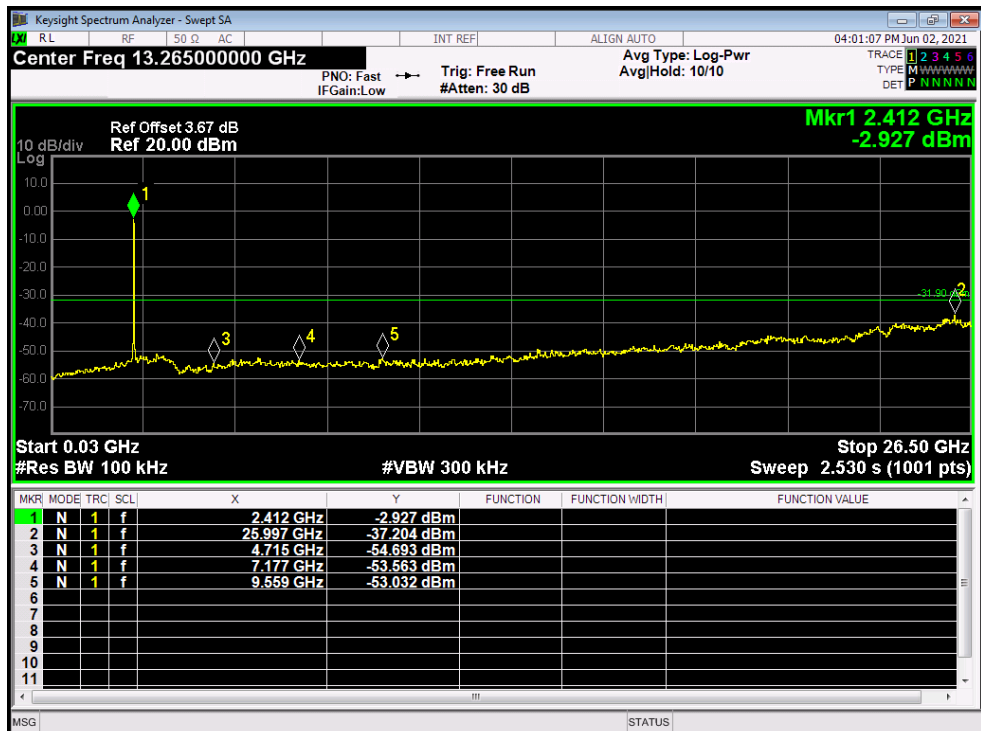
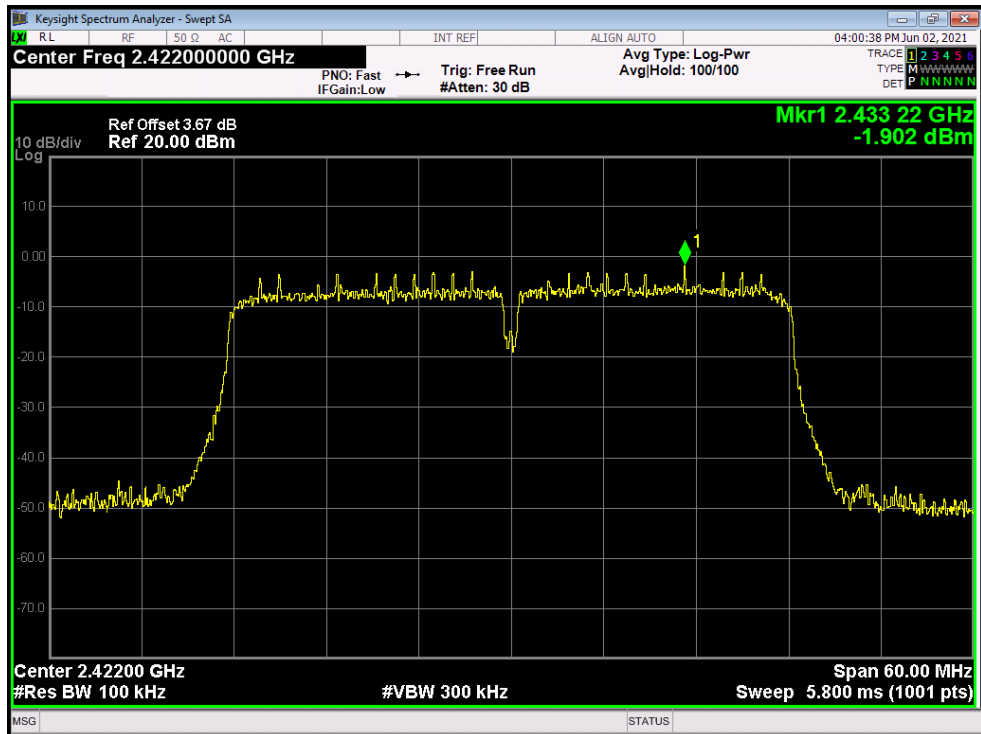


Temperature:	23.9°C	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX N(HT20) Mode 2437MHz		
Remark:	The EUT is programmed in continuously transmitting mode		

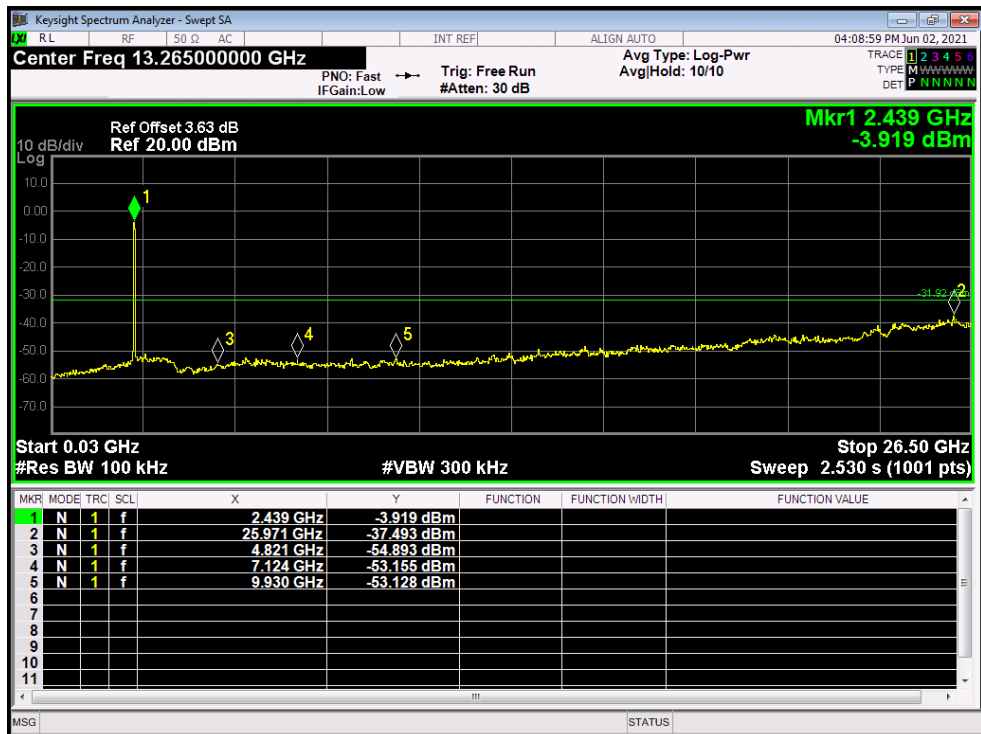
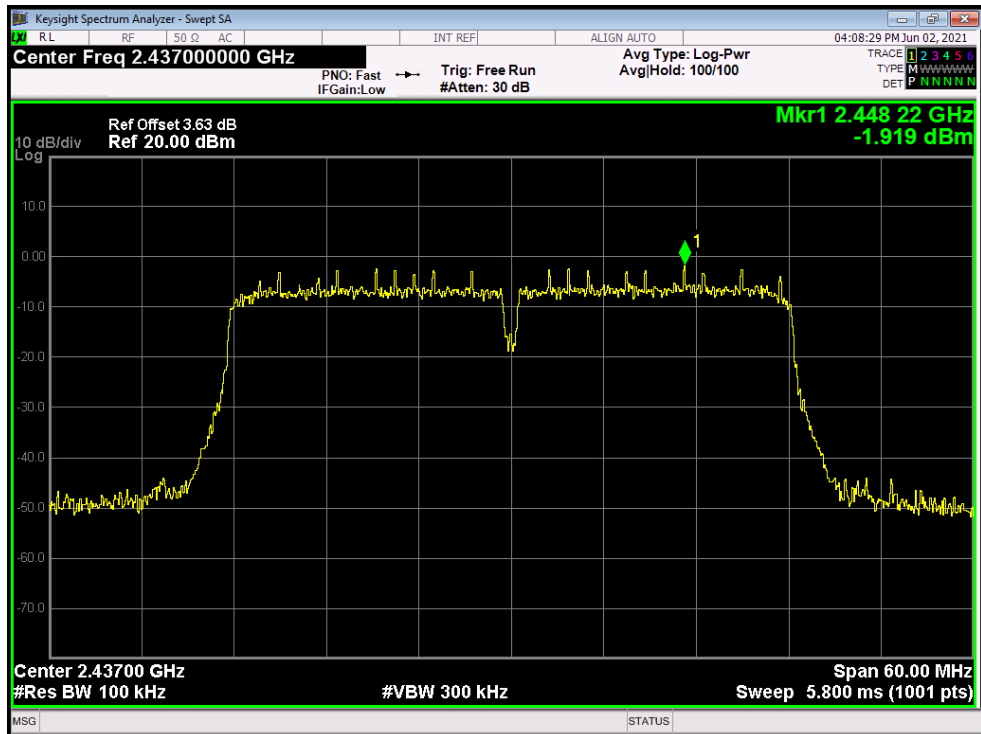




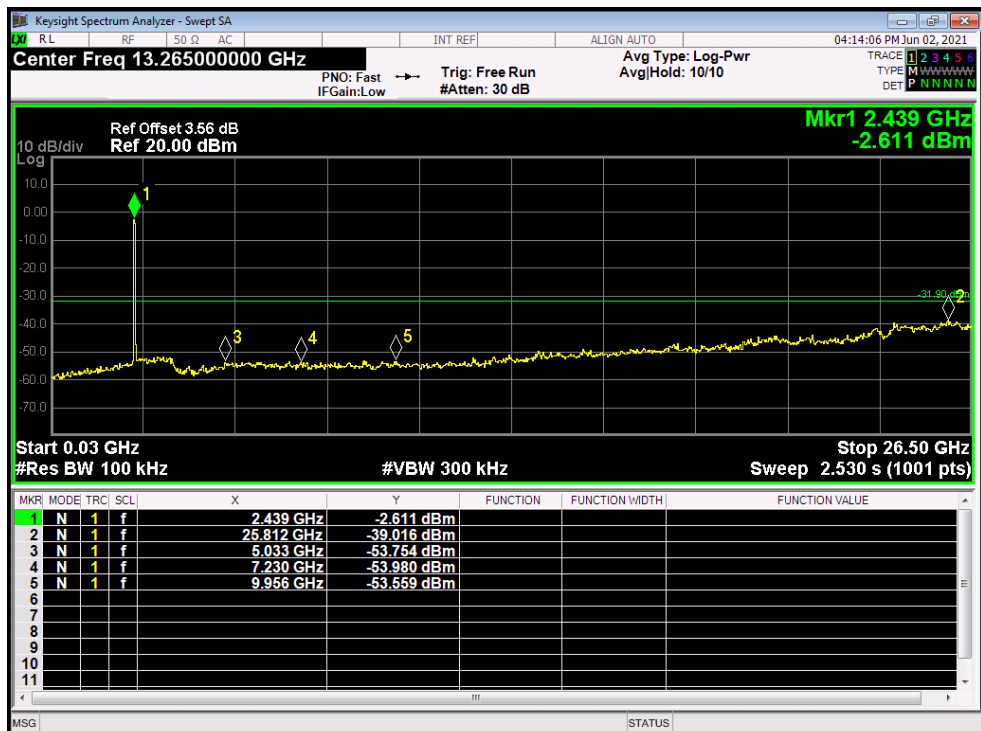
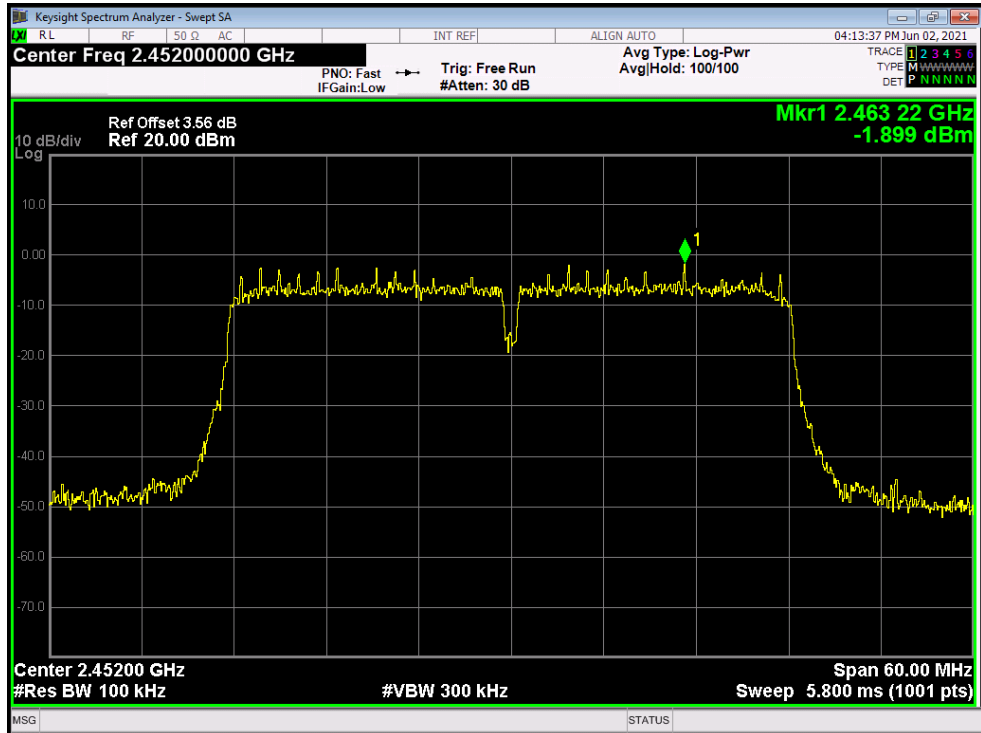
Temperature:	23.9°C	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX N(HT40) Mode 2422MHz		
Remark:	The EUT is programed in continuously transmitting mode		



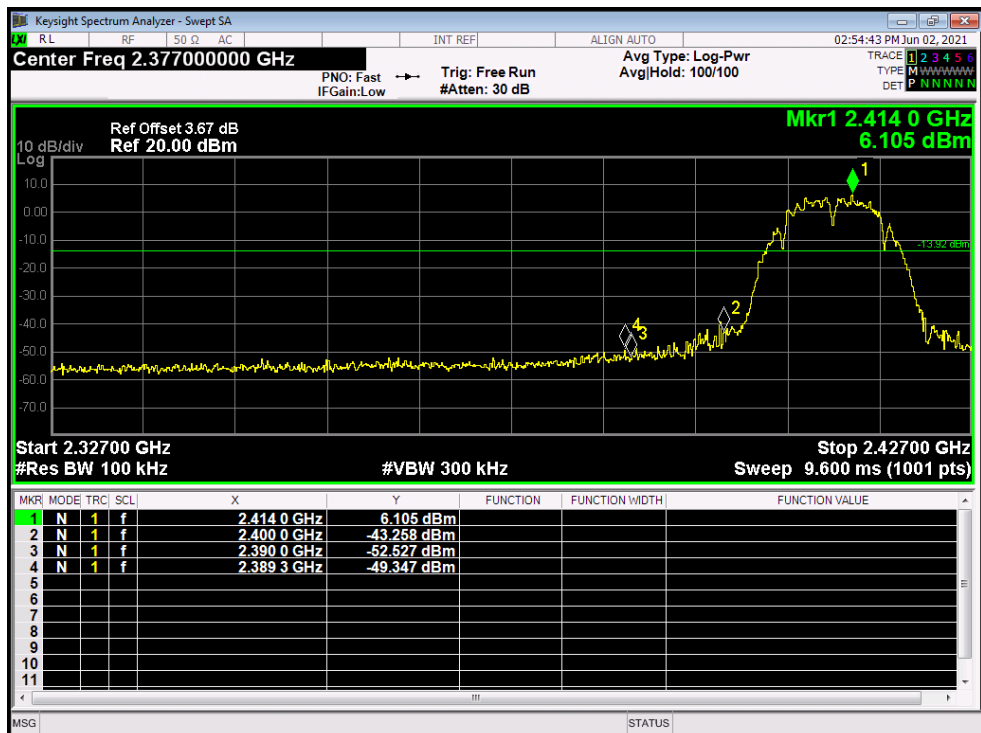
Temperature:	23.9°C	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX N(HT40) Mode 2437MHz		
Remark:	The EUT is programed in continuously transmitting mode		



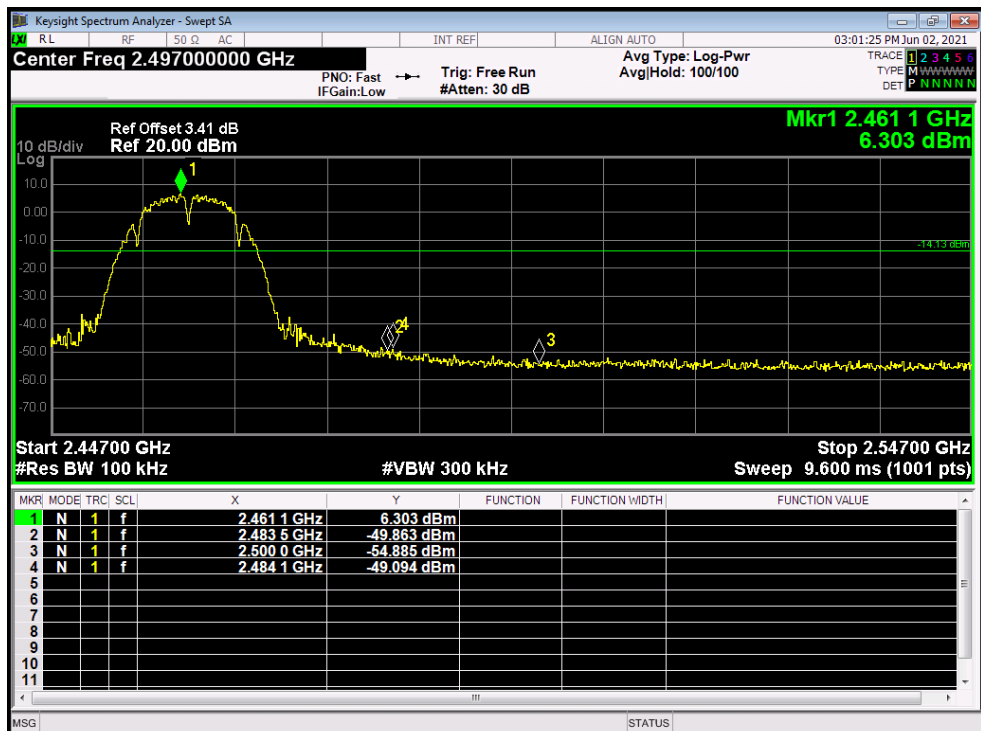
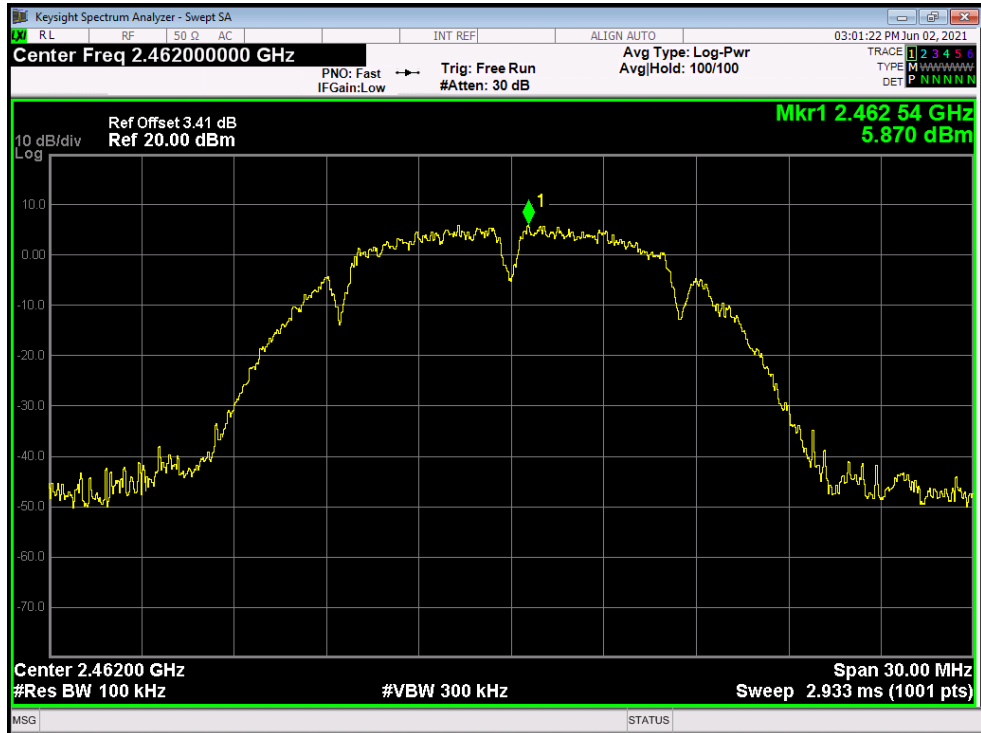
Temperature:	23.9°C	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX N(HT40) Mode 2452MHz		
Remark:	The EUT is programmed in continuously transmitting mode		



Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX B Mode 2412		
Remark:	Only worse case is reported		

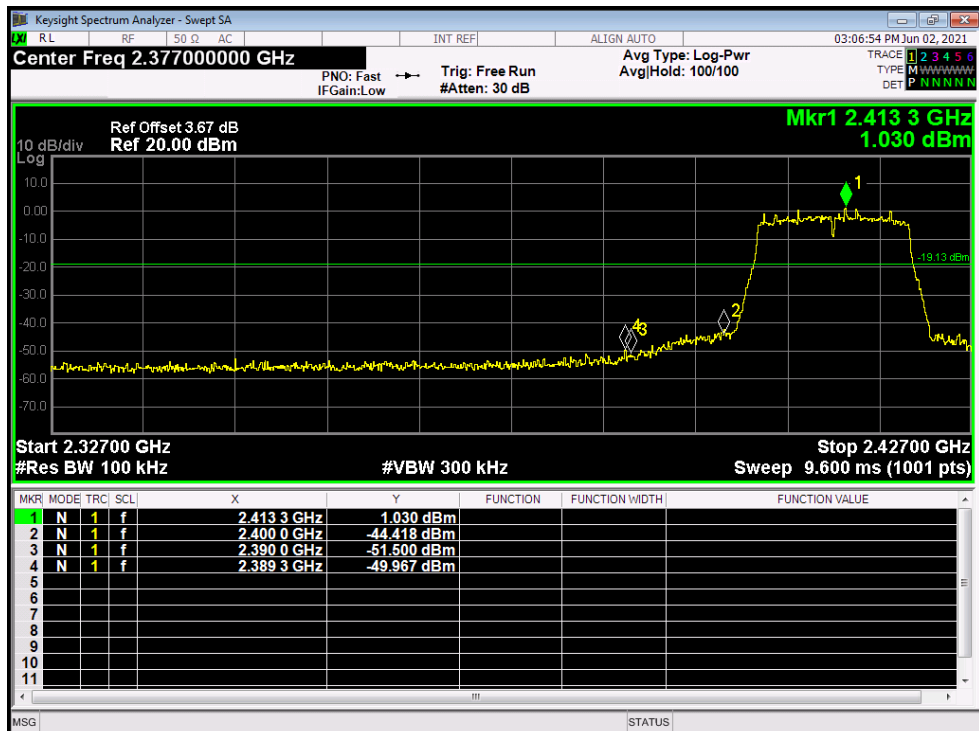
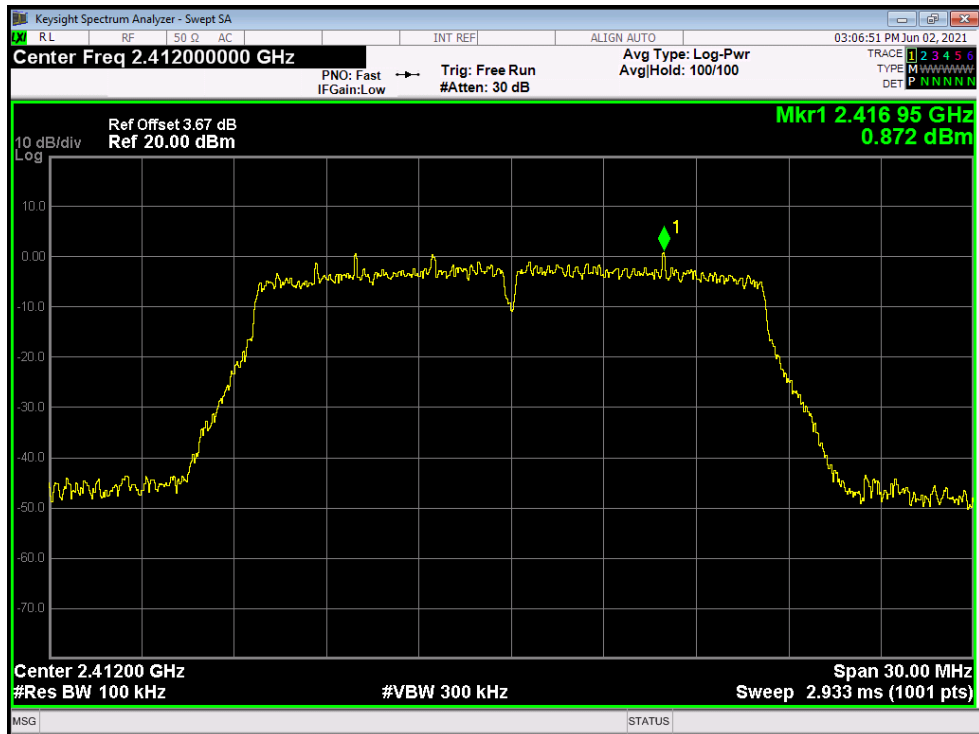


Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX B Mode 2462		
Remark:	Only worse case is reported		

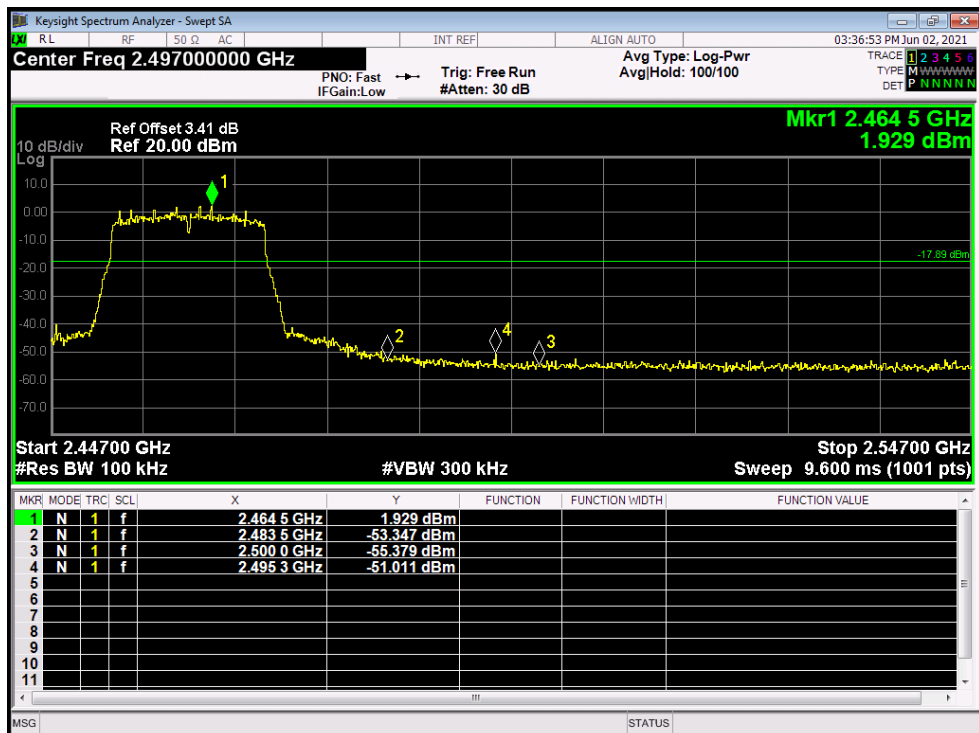
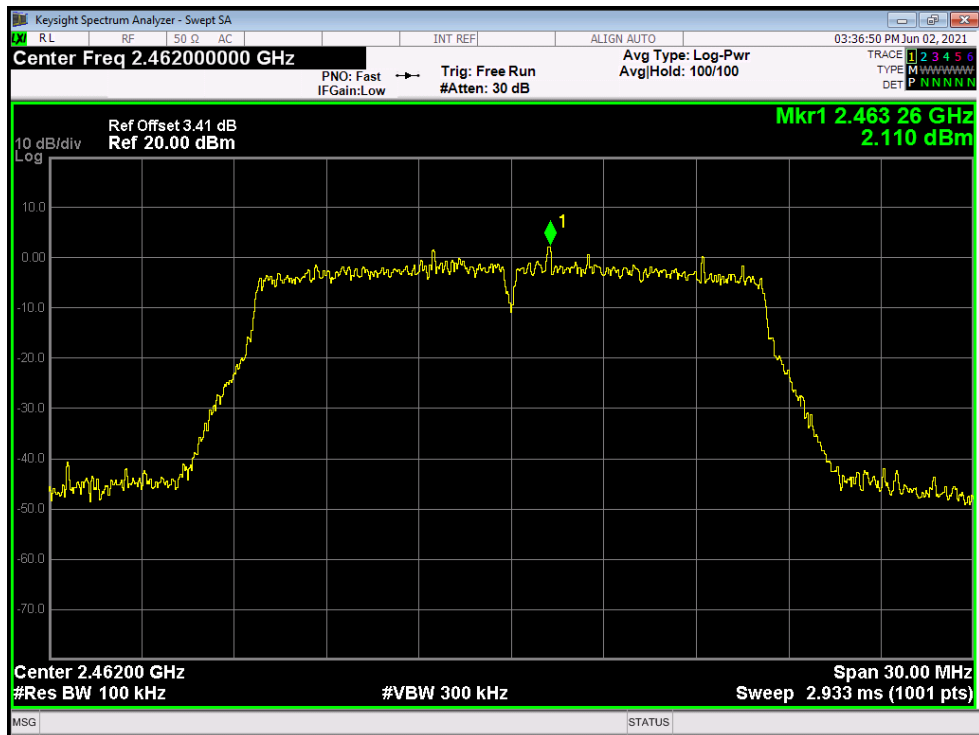


Band Edge

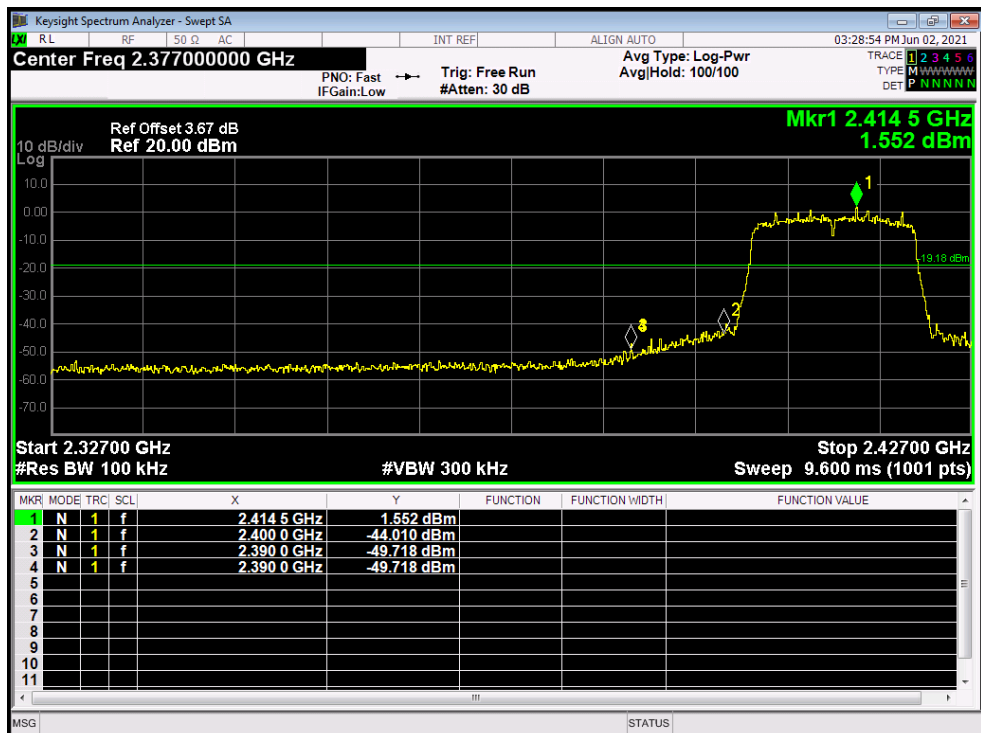
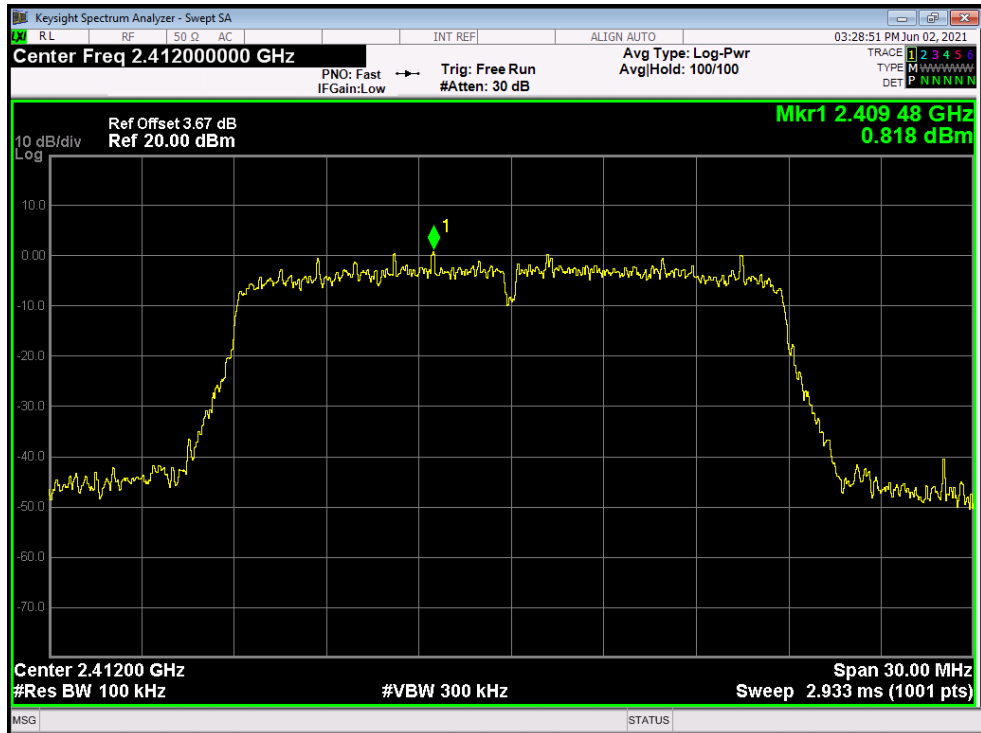
Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX G Mode 2412		
Remark:	Only worse case is reported		



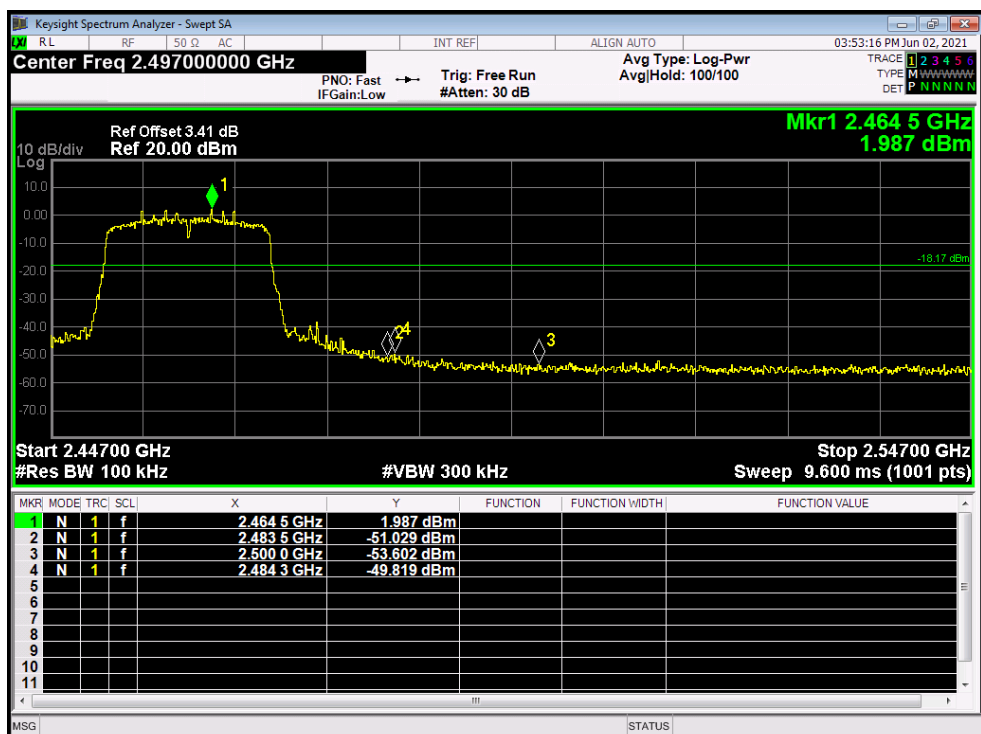
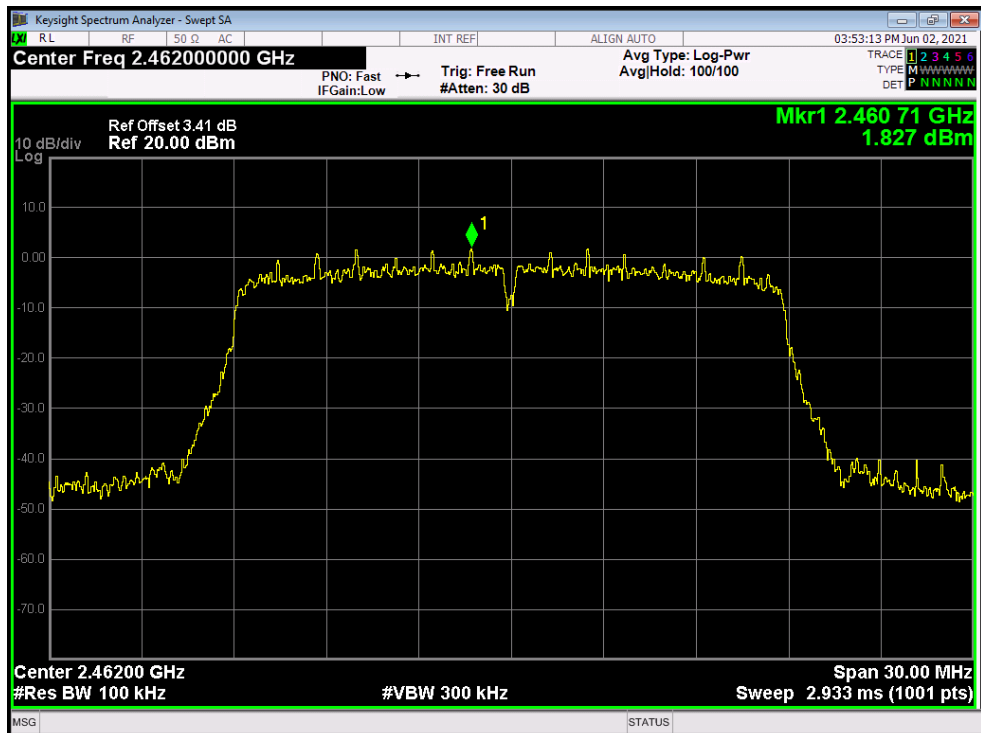
Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX G Mode 2462		
Remark:	Only worse case is reported		



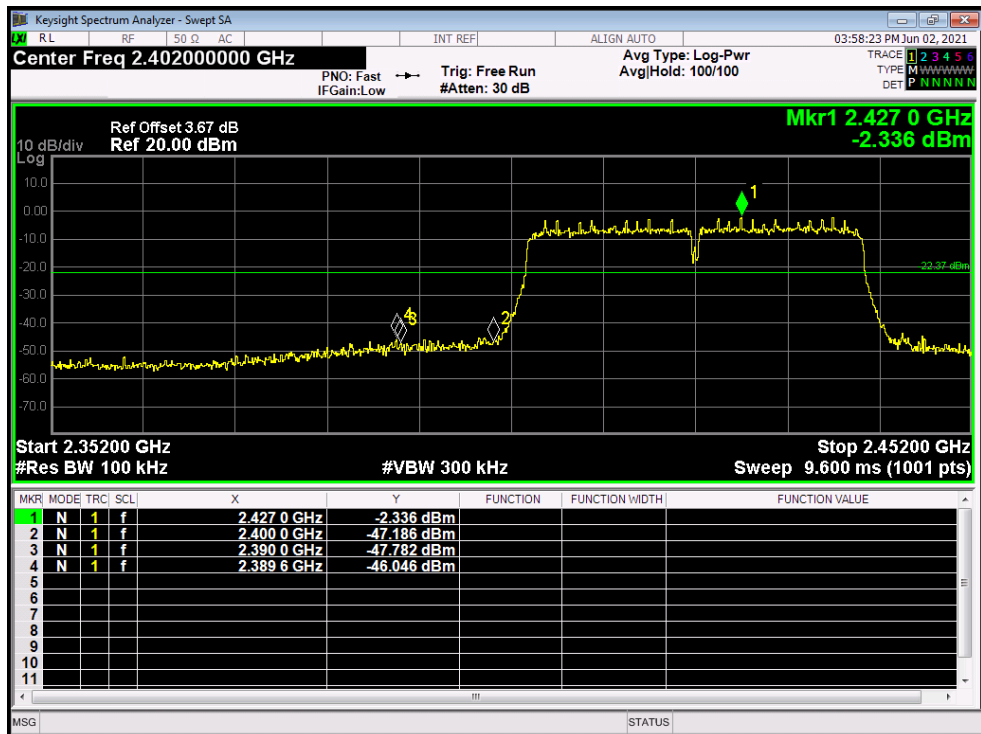
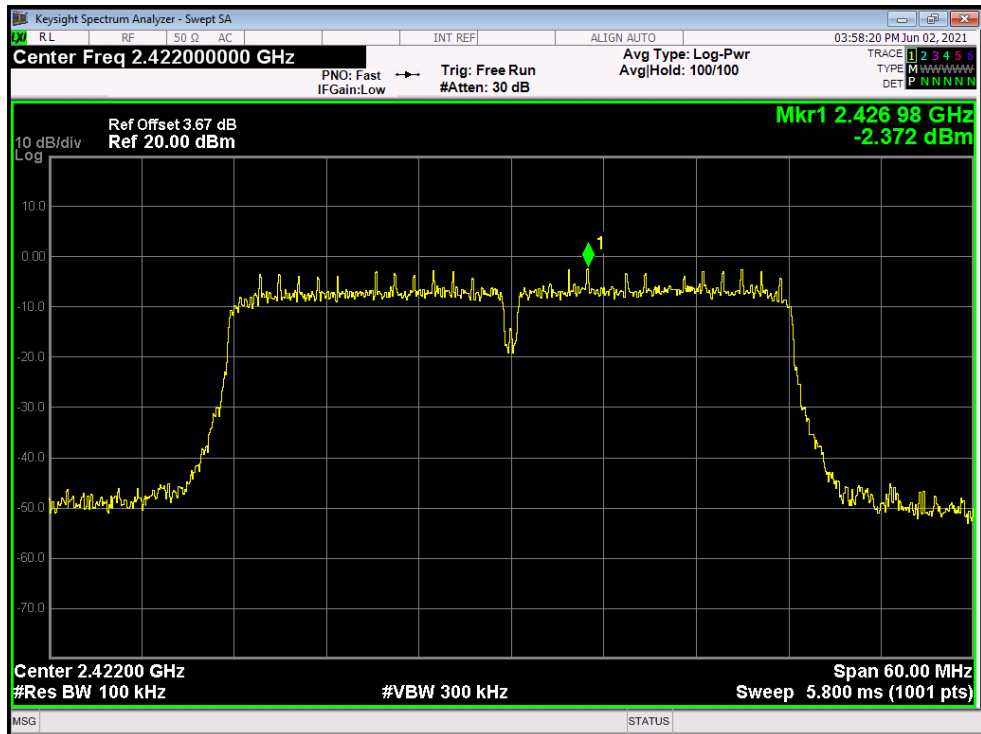
Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX N(HT20) Mode 2412		
Remark:	Only worse case is reported		



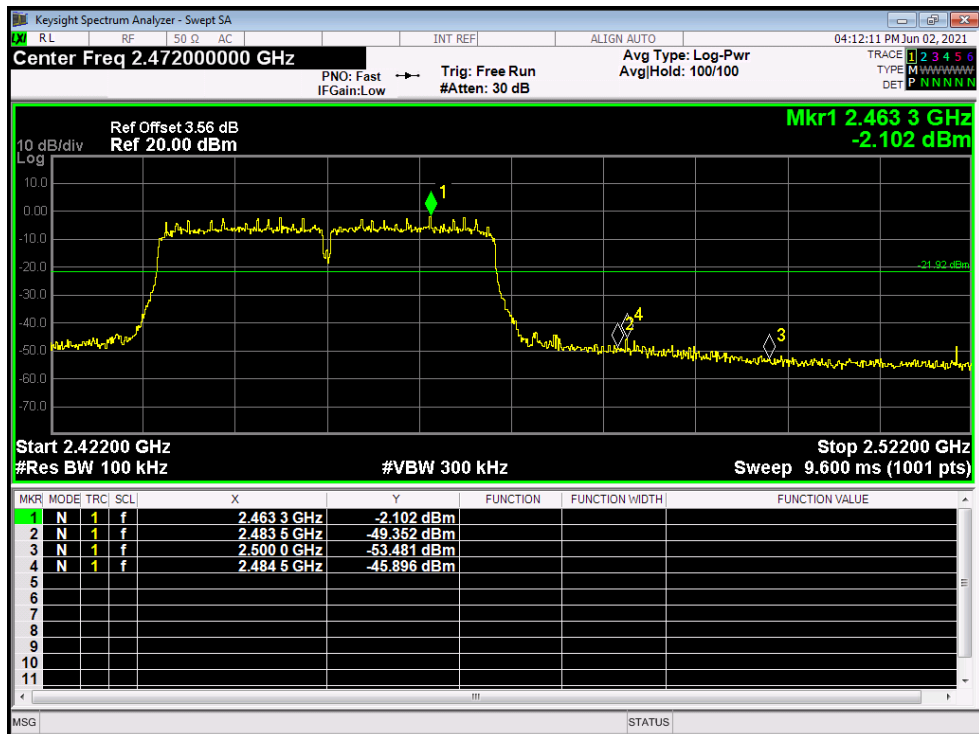
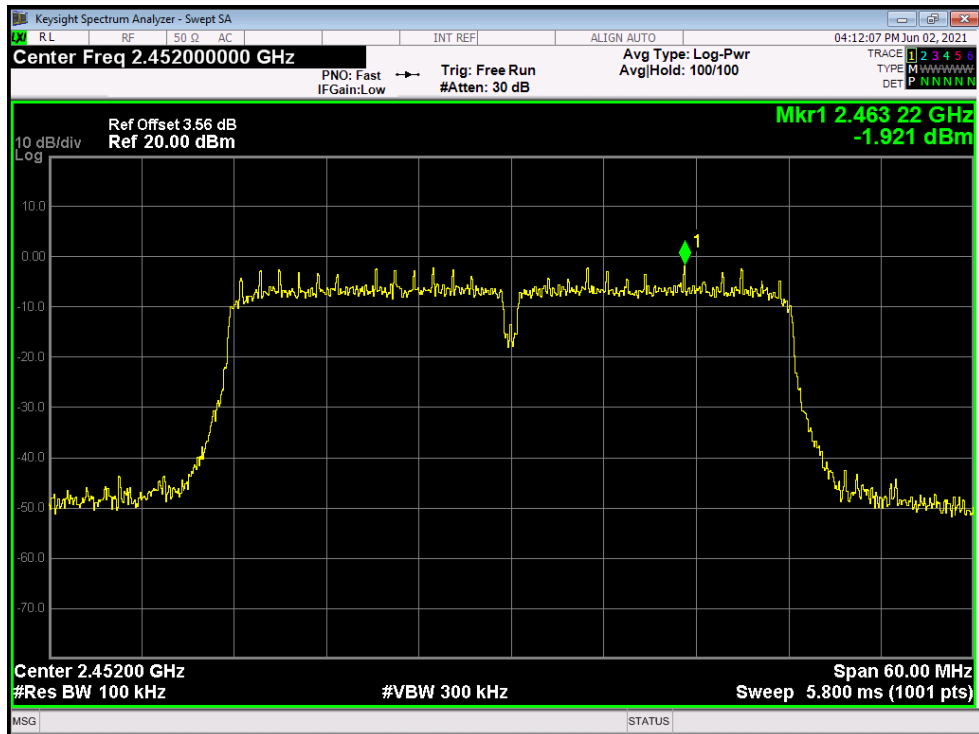
Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX N(HT20) Mode 2462		
Remark:	Only worse case is reported		



Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX N(HT40) Mode 2422		
Remark:	Only worse case is reported		



Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX N(HT40) Mode 2452		
Remark:	Only worse case is reported		

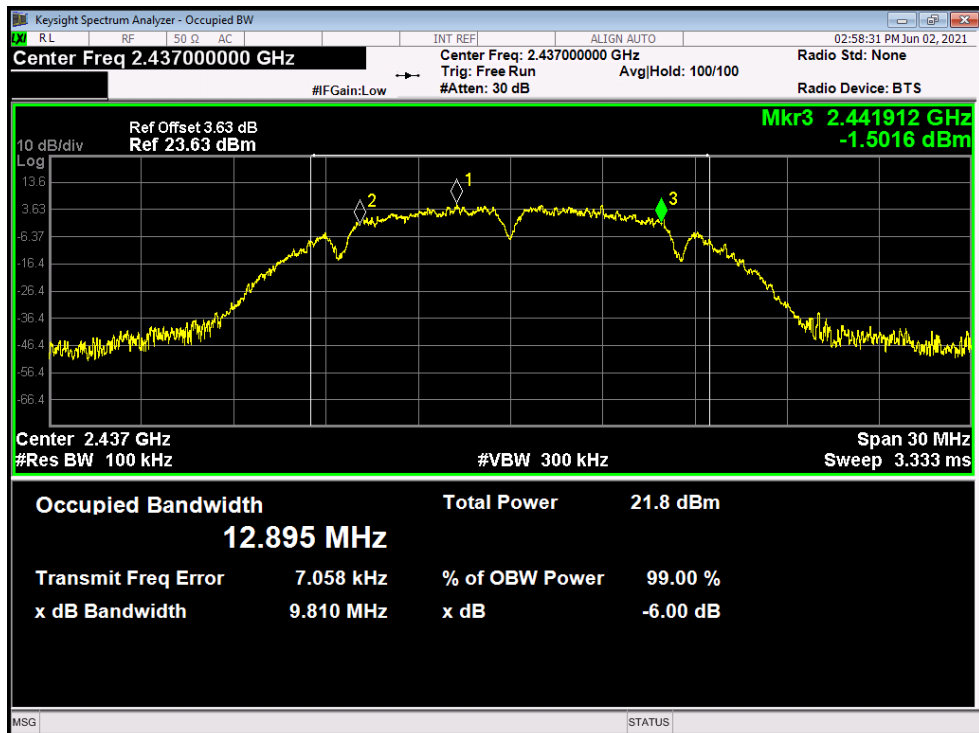


Attachment E-- Bandwidth Test Data



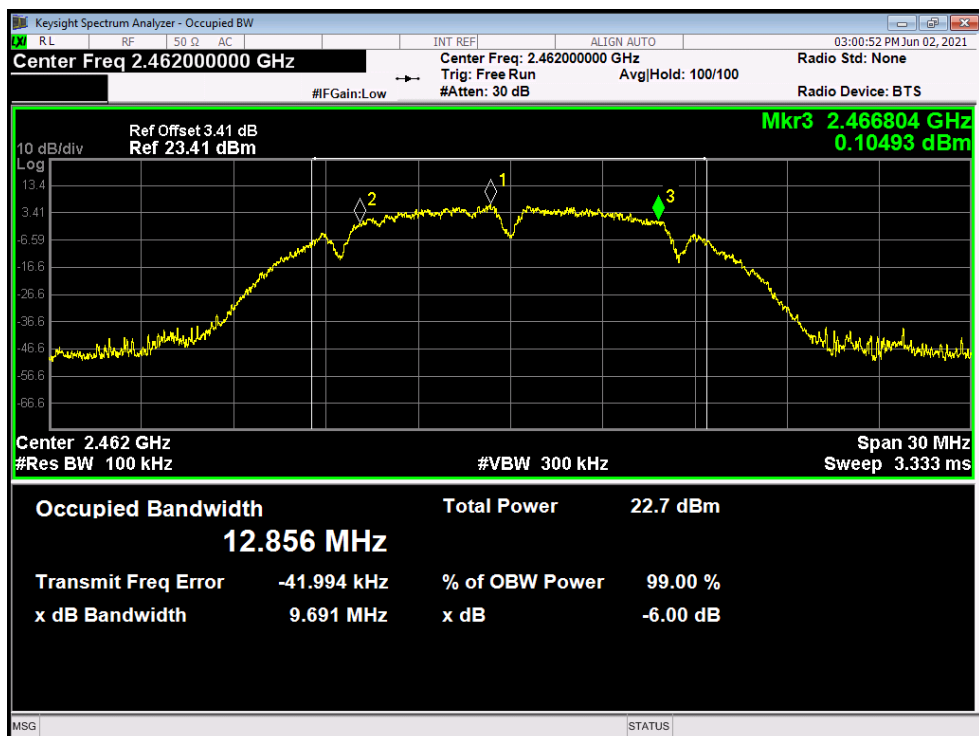
802.11B Mode

2437 MHz



802.11B Mode

2462 MHz



Temperature:	23.9℃		Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz			
Test Mode:	TX 802.11G Mode			
Channel frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Limit (MHz)	
2412	16.07	16.319	>=0.5	
2437	16.34	16.380		
2462	15.07	16.312		

802.11G Mode

2412 MHz

Keysight Spectrum Analyzer - Occupied BW

RL

RF

50 Ω

AC

INT REF

ALIGN AUTO

03:06:22 PM Jun 02, 2021

Center Freq 2.412000000 GHz

Center Freq: 2.412000000 GHz

Trig: Free Run

Avg/Hold: 100/100

Radio Std: None

#IF Gain: Low

#Atten: 30 dB

Radio Device: BTS

10 dB/div

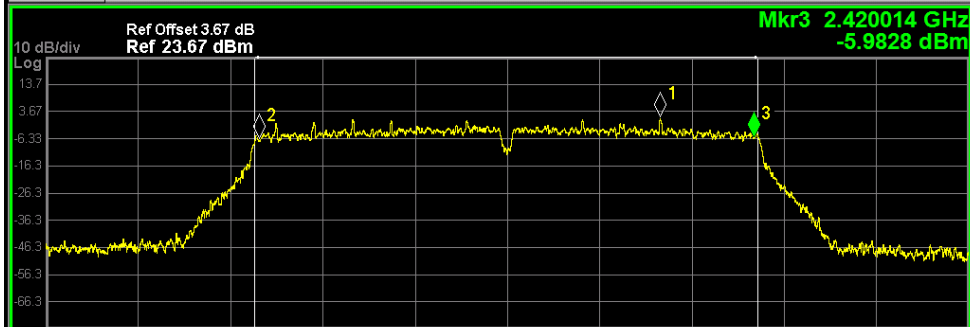
Log

Ref Offset 3.67 dB

Ref 23.67 dBm

Mkr3 2.420014 GHz

-5.9828 dBm



Center 2.412 GHz

#Res BW 100 kHz

#VBW 300 kHz

Span 30 MHz

Sweep 3.333 ms

Occupied Bandwidth

16.319 MHz

Total Power

18.1 dBm

Transmit Freq Error

-19.730 kHz

% of OBW Power

99.00 %

x dB Bandwidth

16.07 MHz

x dB

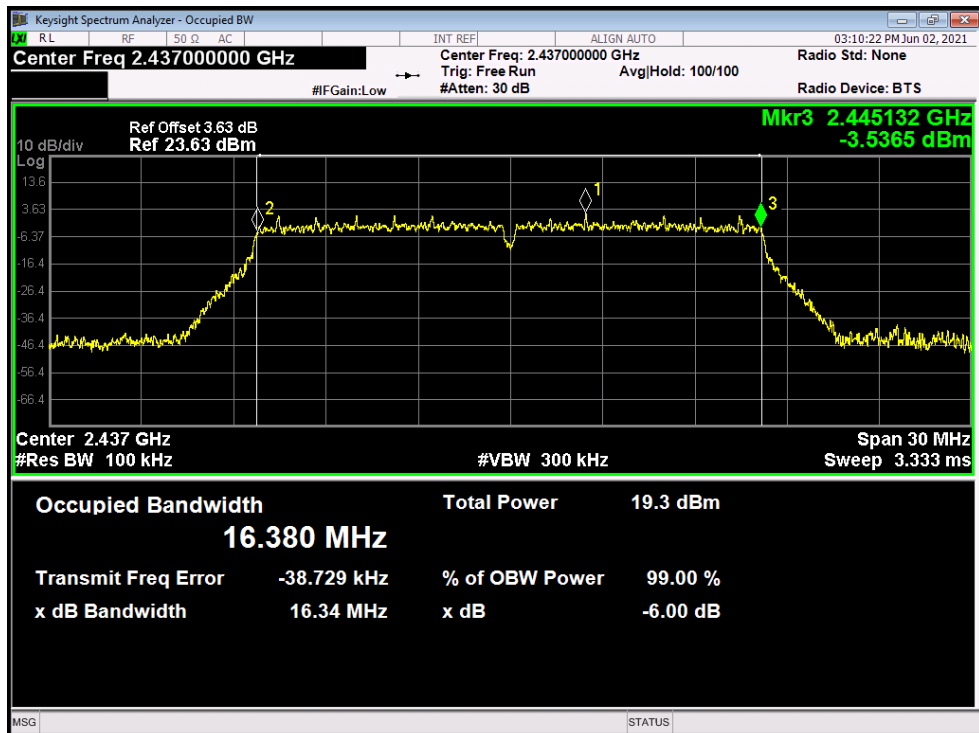
-6.00 dB

MSG

STATUS

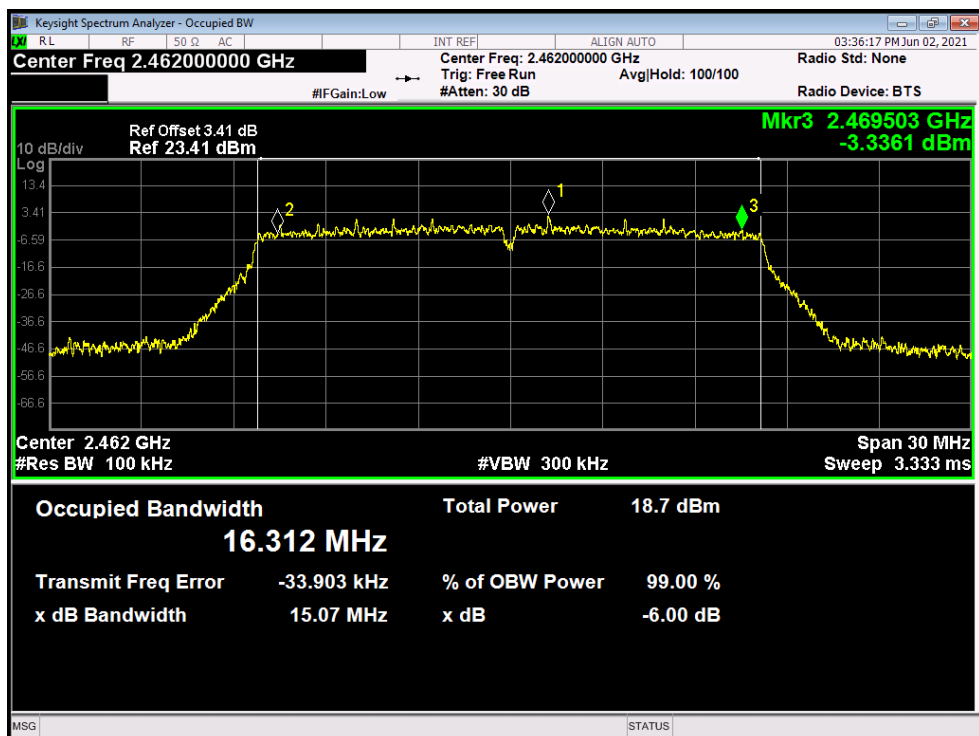
802.11G Mode

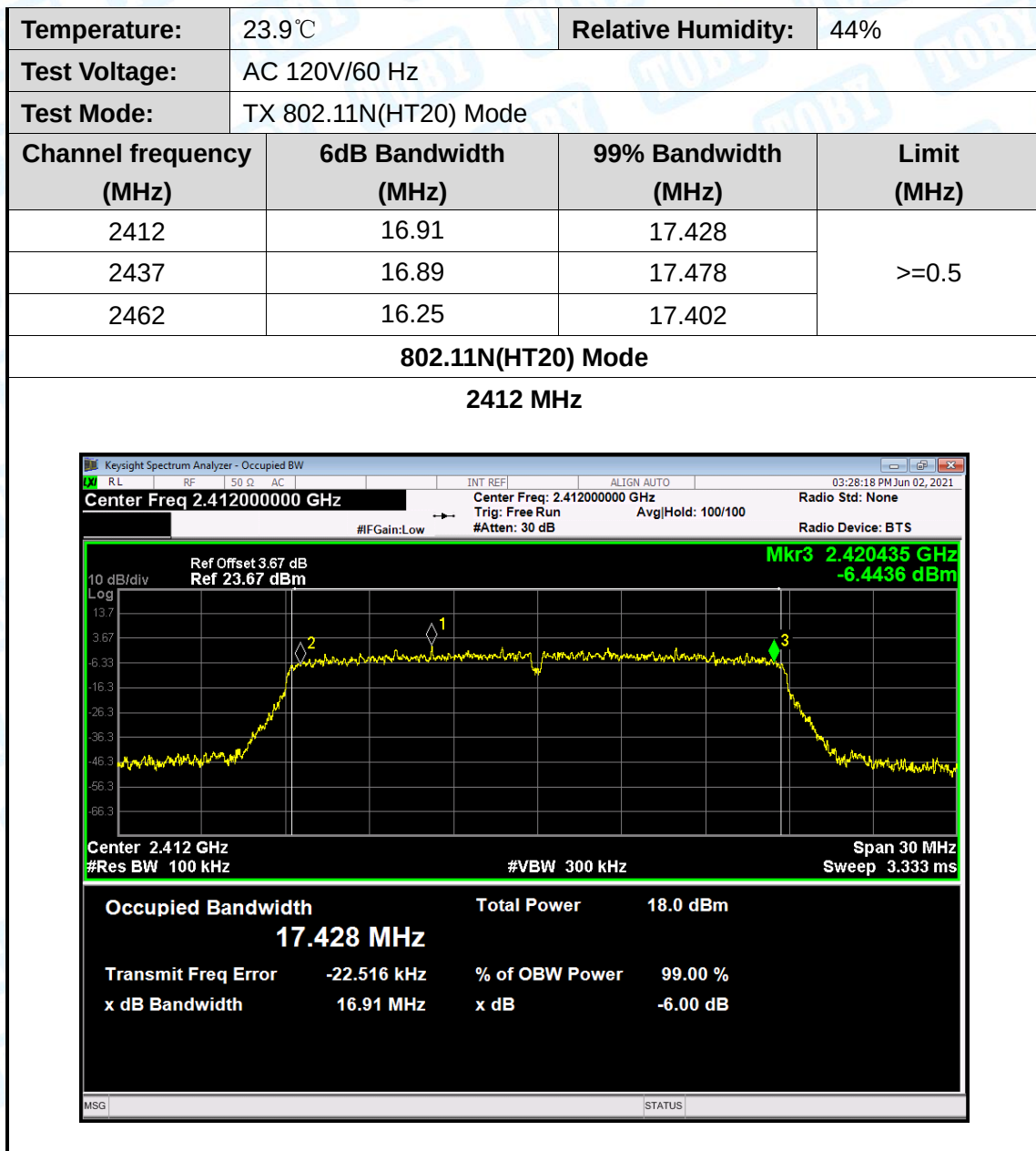
2437 MHz



802.11G Mode

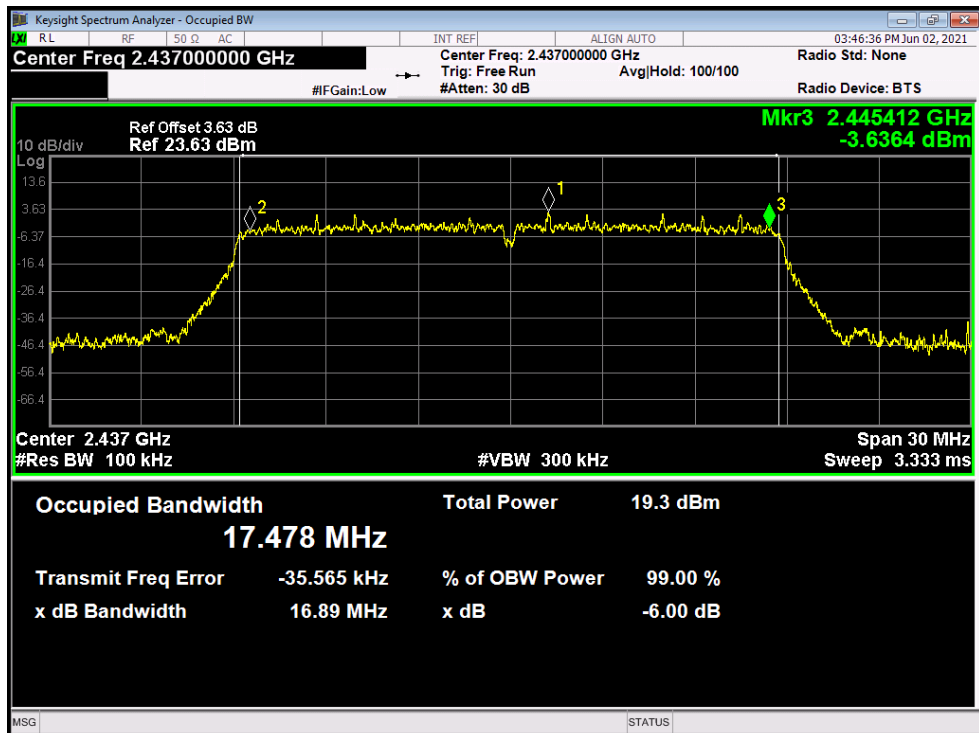
2462 MHz





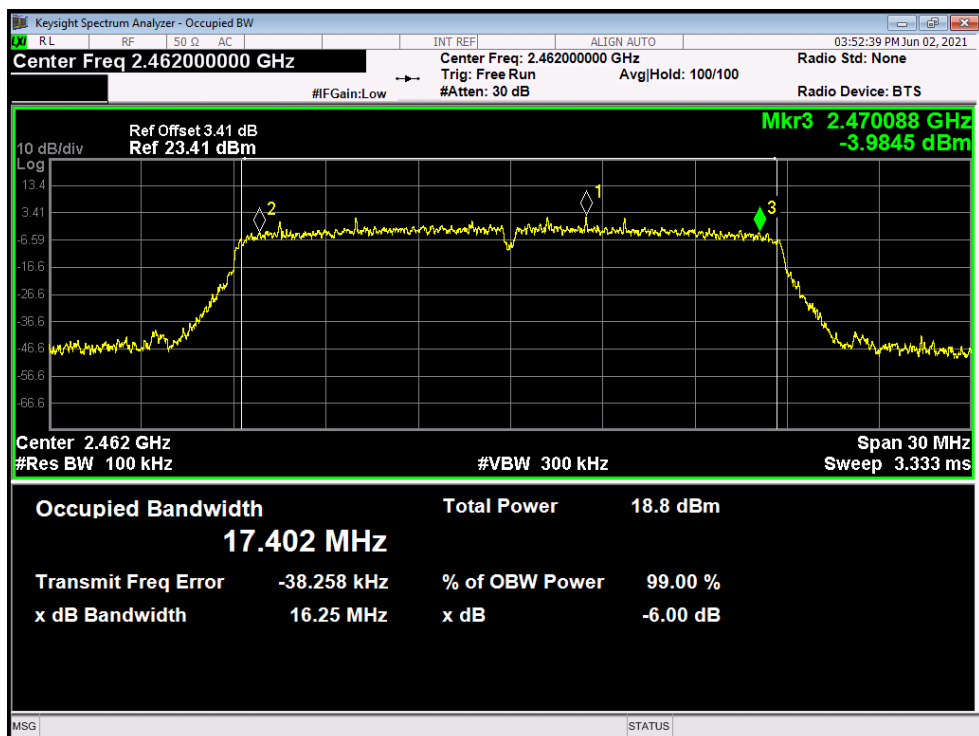
802.11N(HT20) Mode

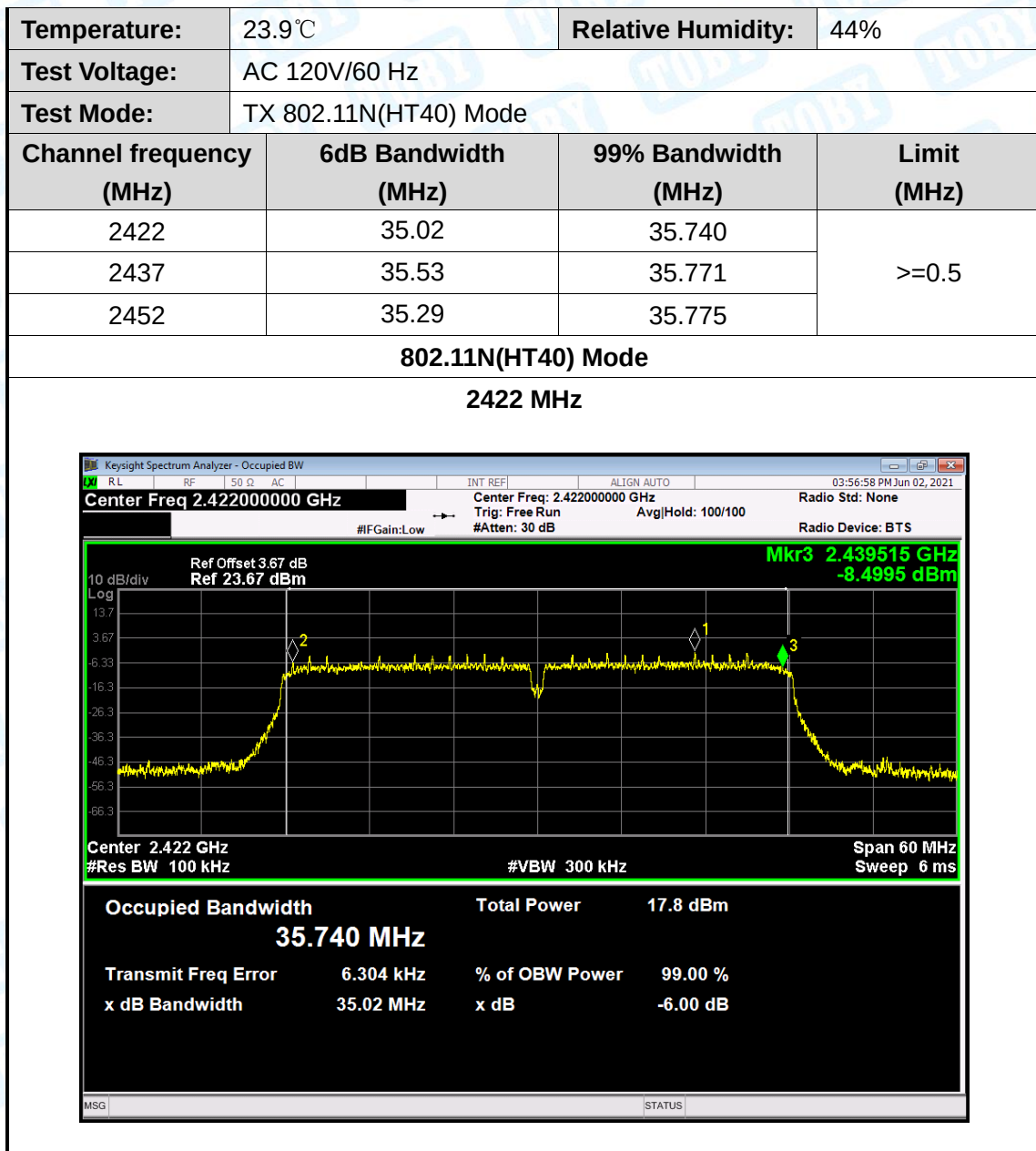
2437 MHz



802.11N(HT20) Mode

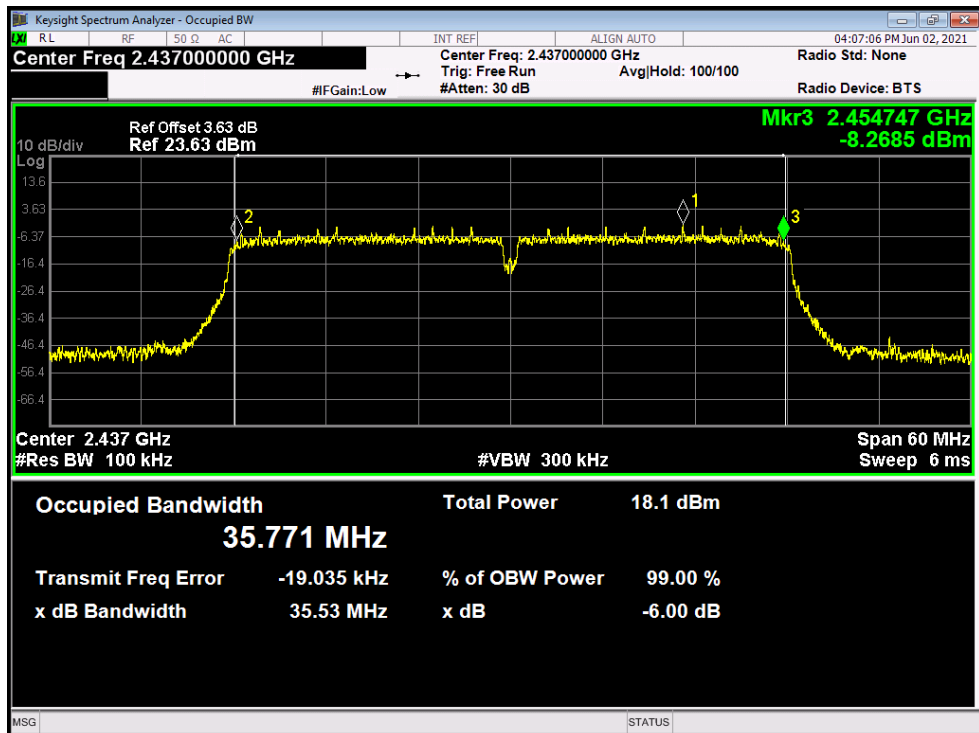
2462 MHz





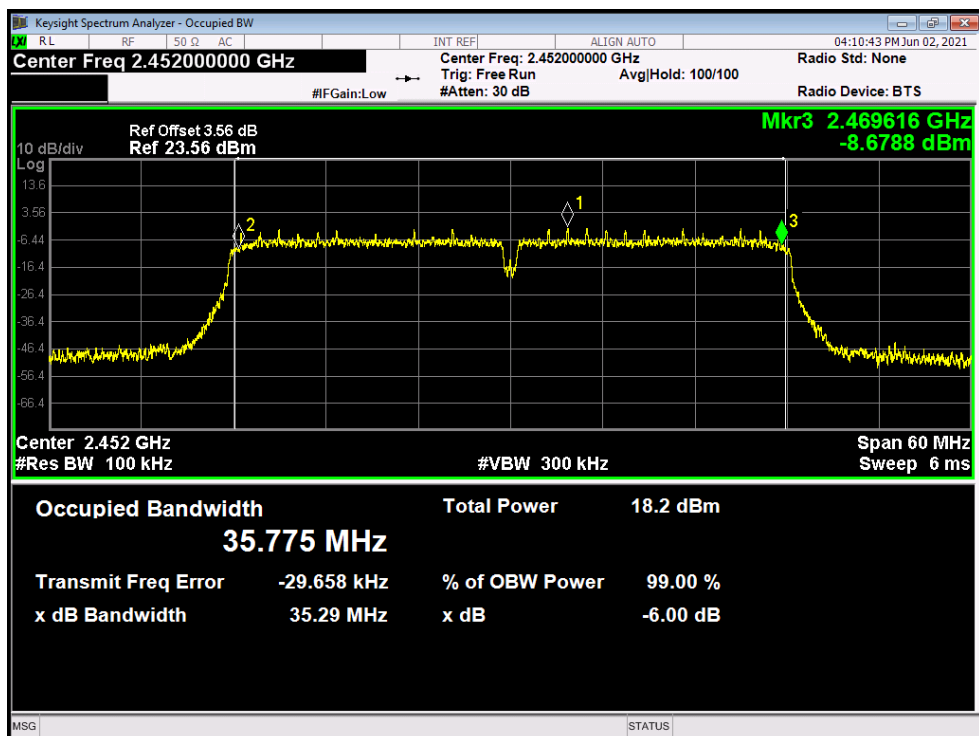
802.11N(HT40) Mode

2437 MHz



802.11N(HT40) Mode

2452 MHz

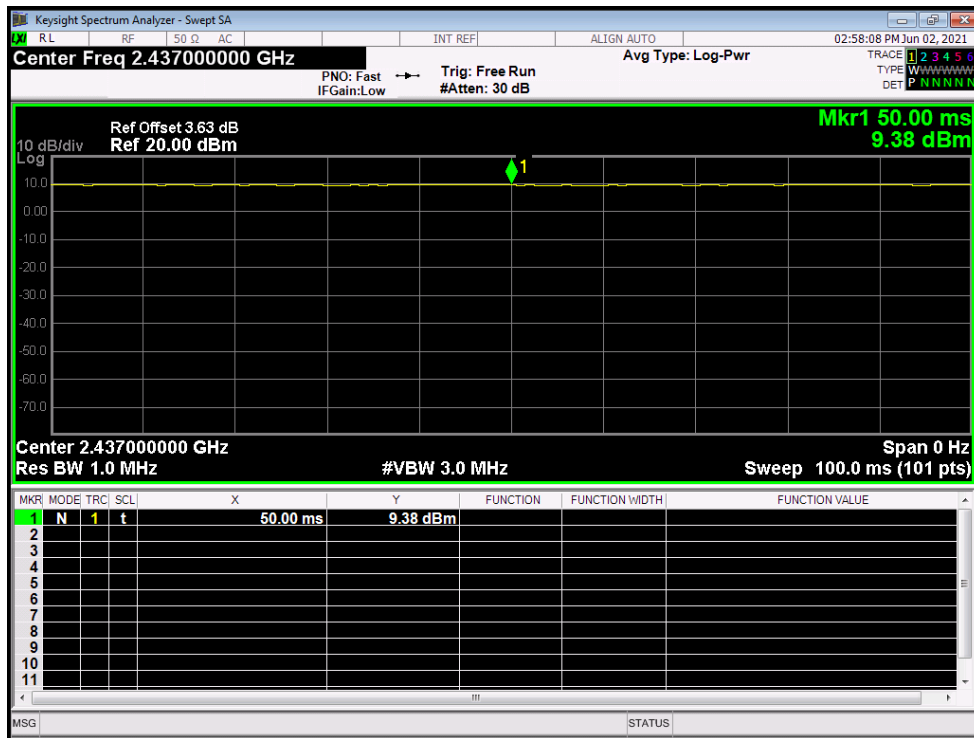


Attachment E-- Peak Output Power Test Data

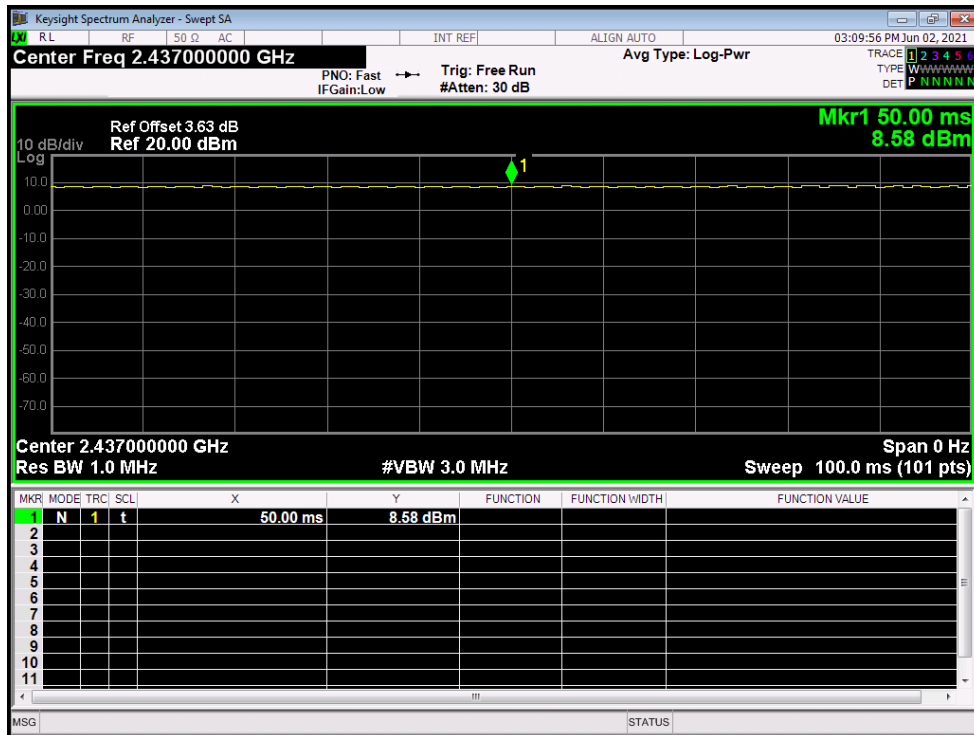
Test Conditions:		Continuous Transmitting Mode	
Temperature:	23.9℃	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Mode	Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)
802.11b	2412	16.871	30
	2437	16.863	
	2462	17.575	
802.11g	2412	16.787	
	2437	17.975	
	2462	17.432	
802.11n (HT20)	2412	16.908	
	2437	17.843	
	2462	17.29	
802.11n (HT40)	2422	16.313	
	2437	16.654	
	2452	16.635	
Result: PASS			

Duty Cycle		
Mode	Channel frequency (MHz)	Test Result
802.11b	2412	>98%
	2437	
	2462	
802.11g	2412	
	2437	
	2462	
802.11n (HT20)	2412	
	2437	
	2462	
802.11n (HT40)	2422	
	2437	
	2452	
Please see below plots		

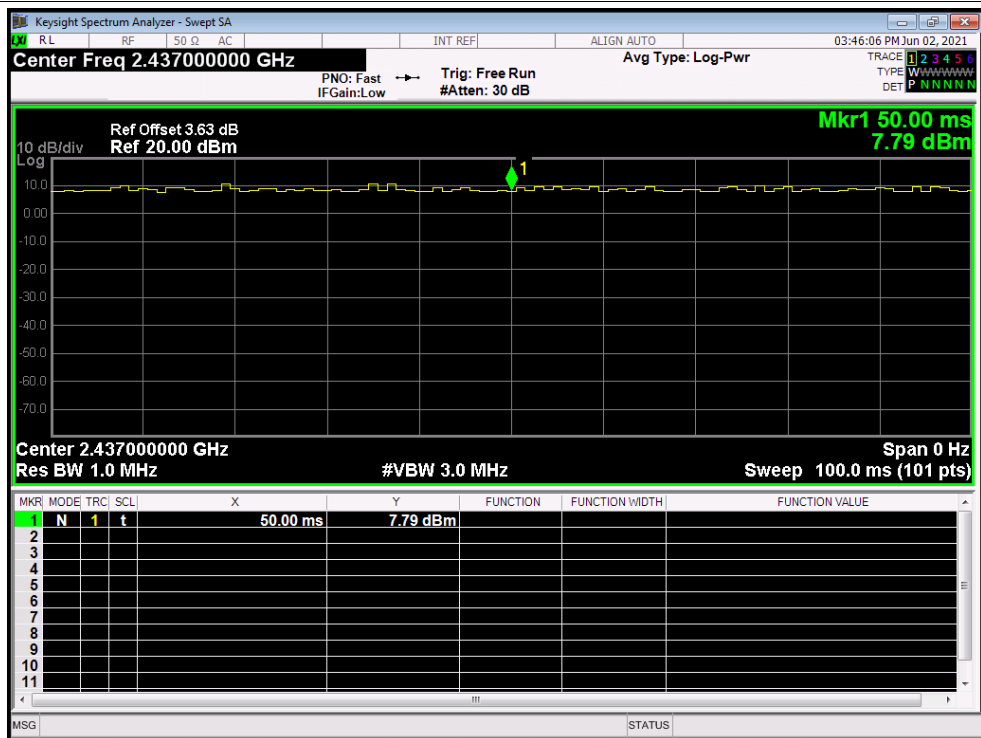
802.11 B Mode 2437 MHz



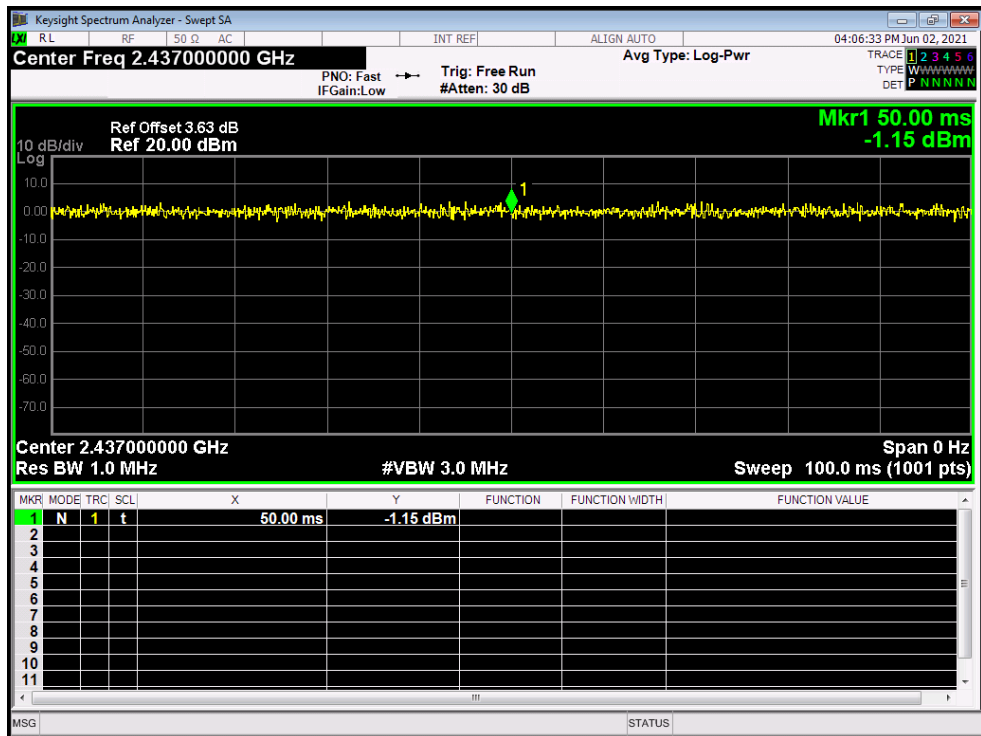
802.11 G Mode 2437 MHz



802.11 N20 Mode 2437 MHz



802.11 N40 Mode 2437 MHz



Attachment F-- Power Spectral Density Test Data

Temperature:	23.9℃	Relative Humidity:	44%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX 802.11B Mode		
Channel Frequency (MHz)	Power Density (dBm/3 kHz)	Limit (dBm/3 kHz)	
2412	-5.113	8	
2437	-7.832		
2462	-2.703		
802.11B Mode			
2412 MHz			

Keysight Spectrum Analyzer - Swept SA

OK

RL

RF

50 Ω

AC

INT REF

ALIGN AUTO

Center Freq 2.412000000 GHz

PNO: Fast
IFGain: Low

Trig: Free Run
#Atten: 30 dB

Avg Type: Log-Pwr
AvegHold: 10/10

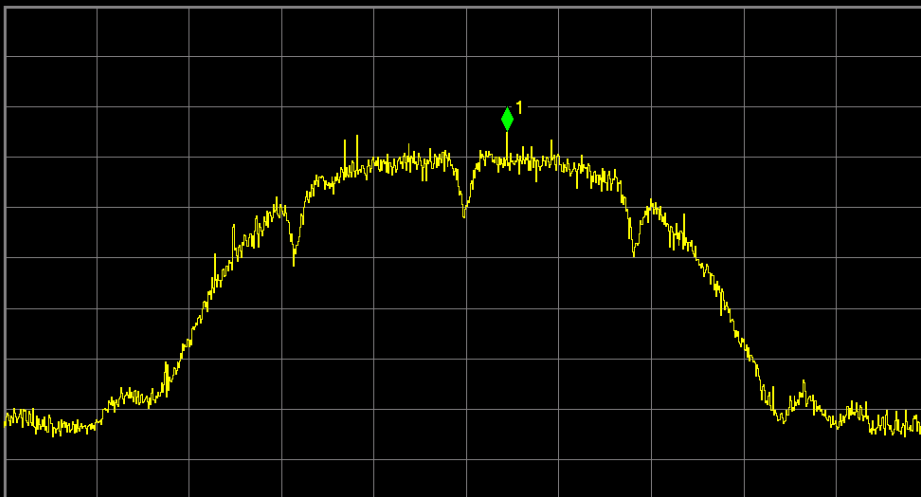
02:54:33 PM Jun 02, 2021

TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET P N N N N N

Ref Offset 3.67 dB
Ref 20.00 dBm

10 dB/div
Log

Mkr1 2.413 32 GHz
-5.113 dBm



Center 2.41200 GHz
#Res BW 3.0 kHz
#VBW 10 kHz

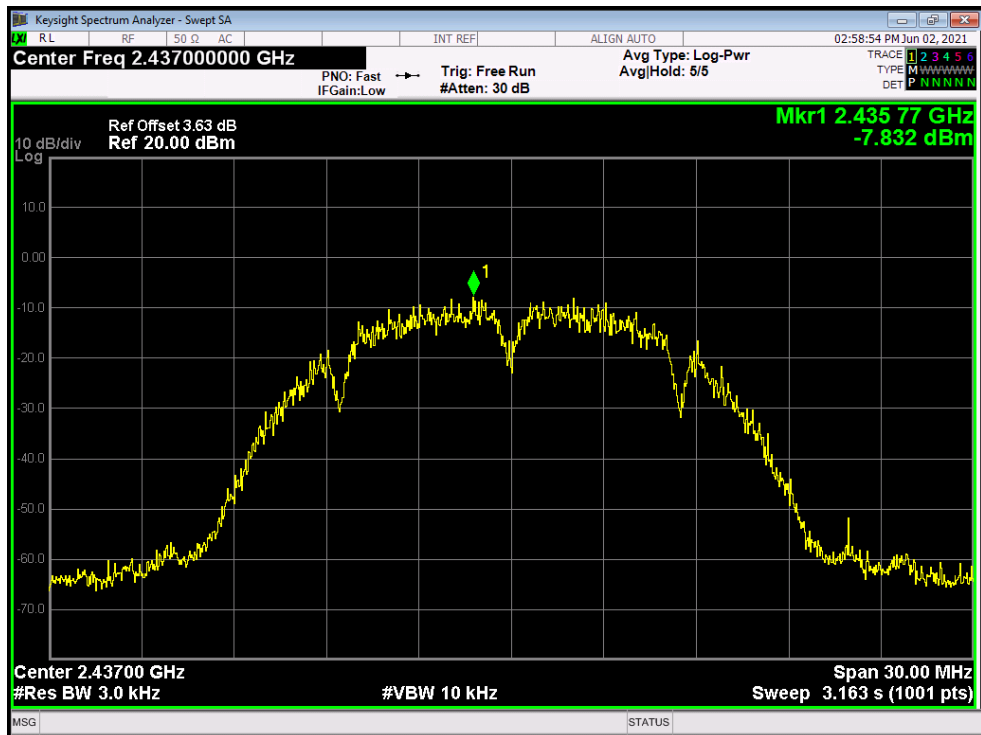
Span 30.00 MHz
Sweep 3.163 s (1001 pts)

MSG

STATUS

802.11B Mode

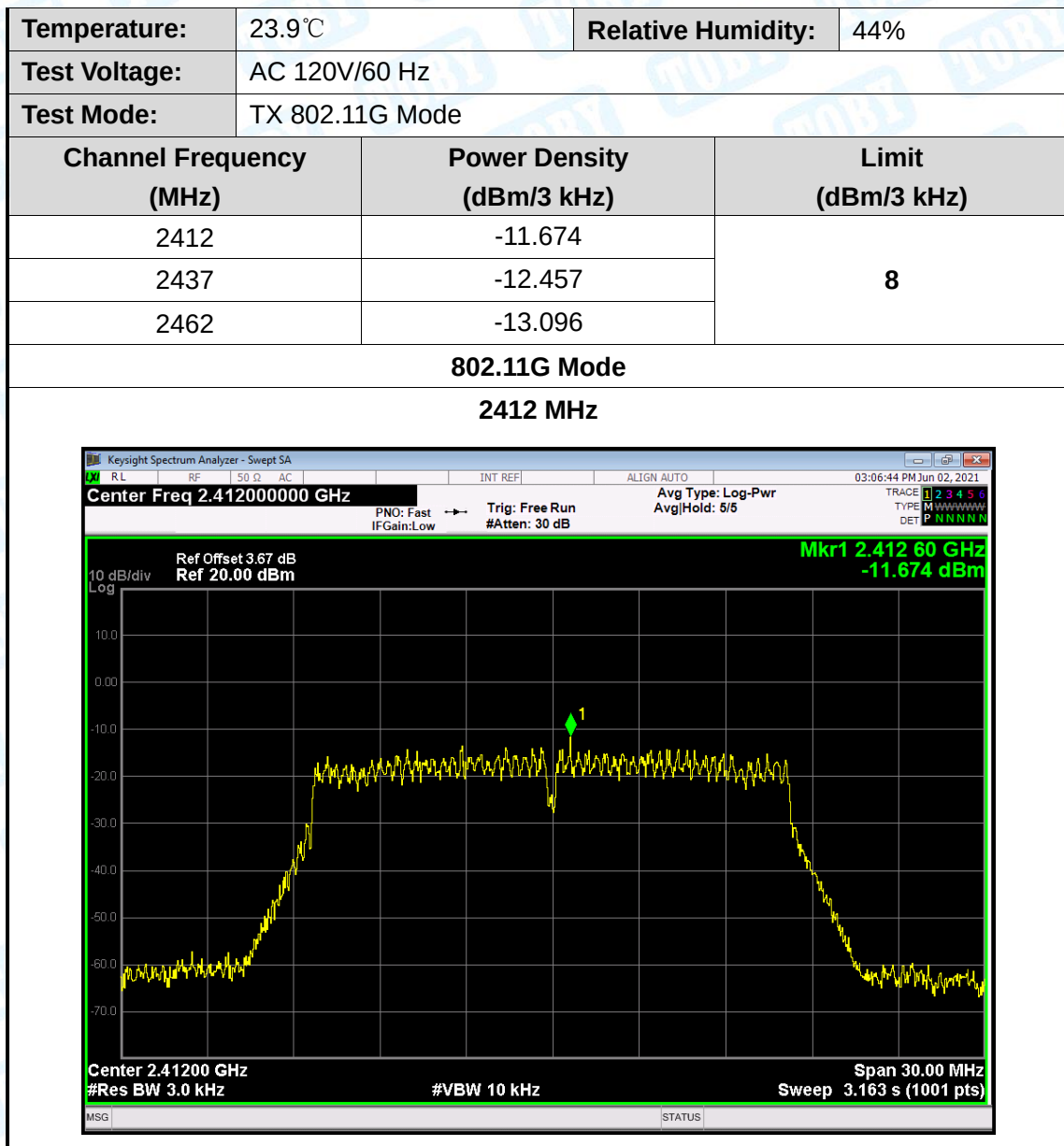
2437 MHz



802.11B Mode

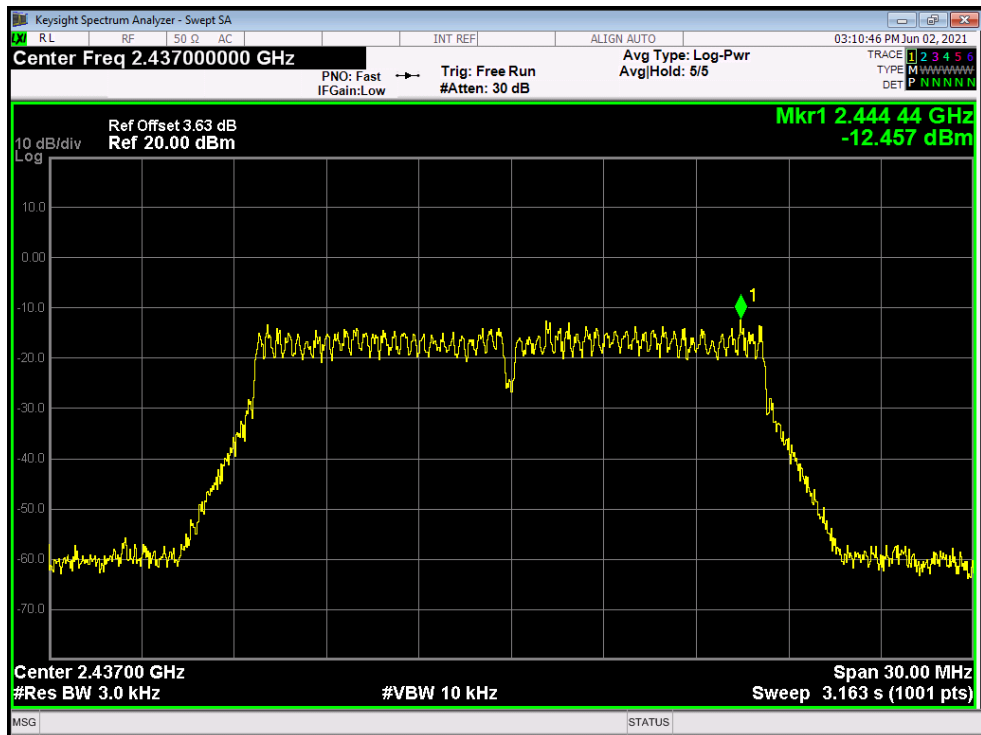
2462 MHz





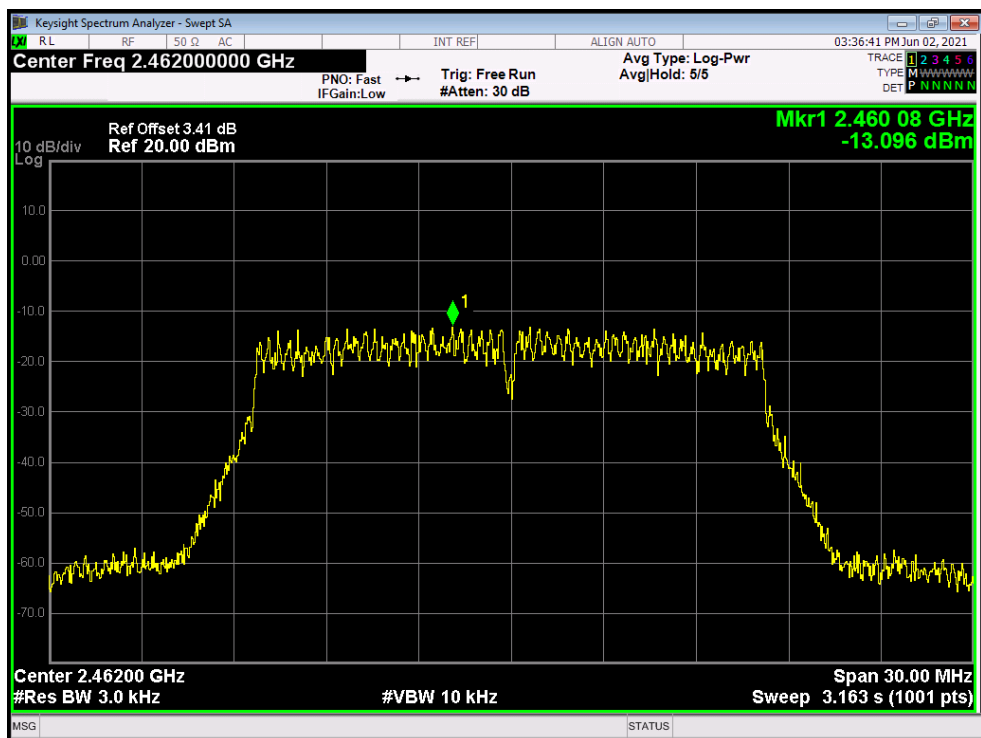
802.11G Mode

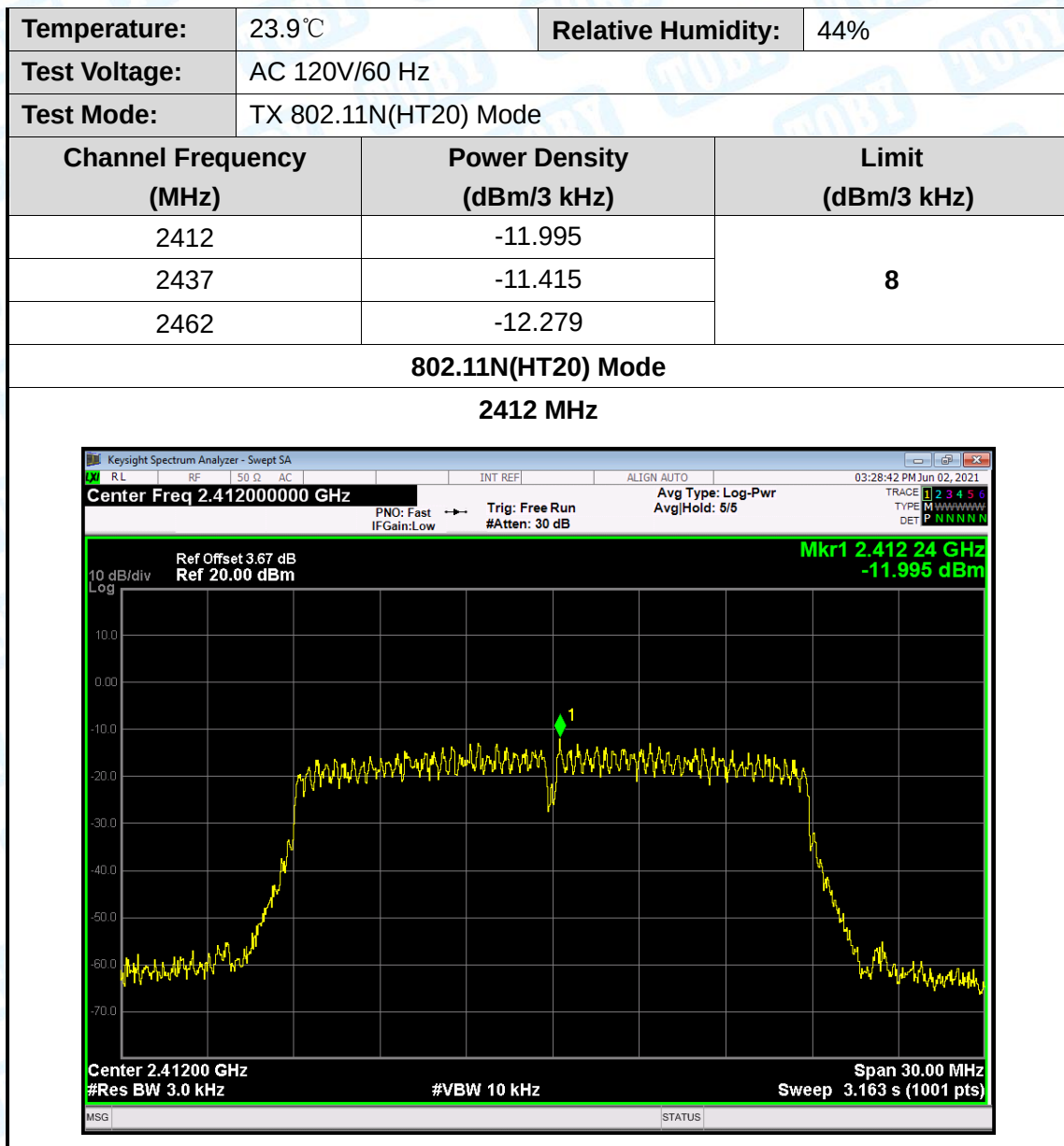
2437 MHz



802.11G Mode

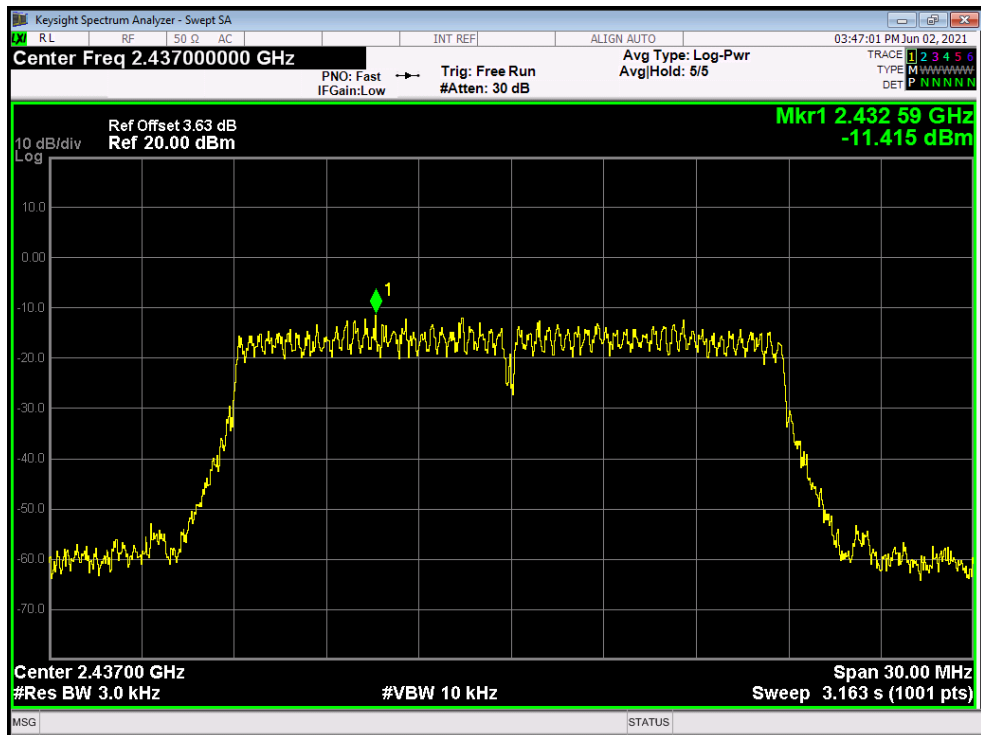
2462 MHz





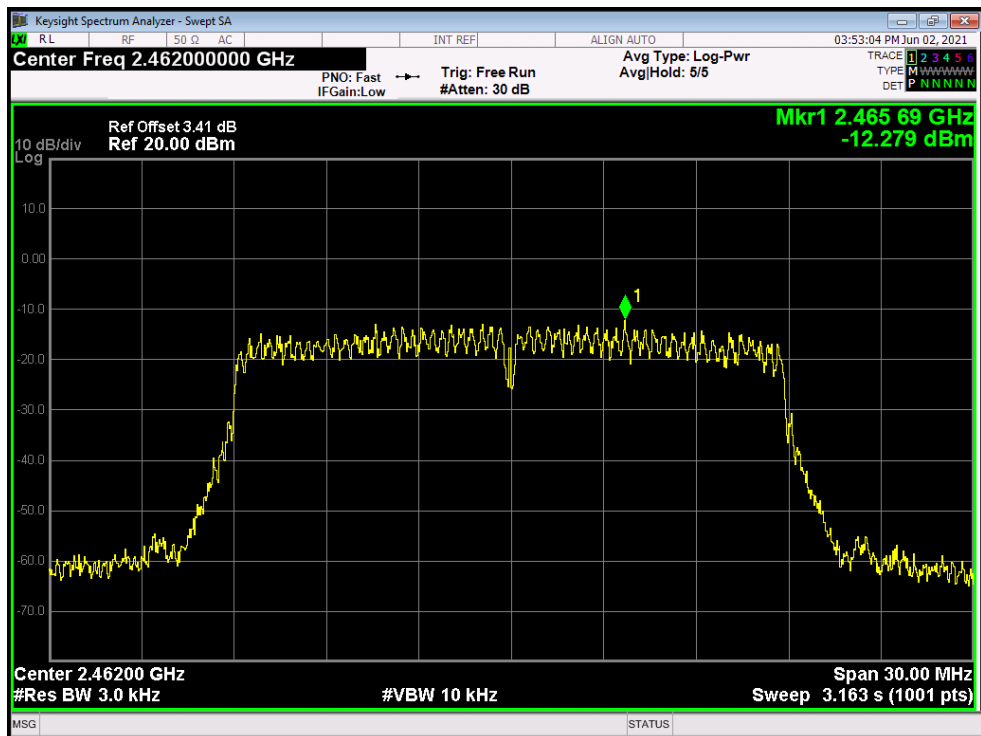
802.11N(HT20) Mode

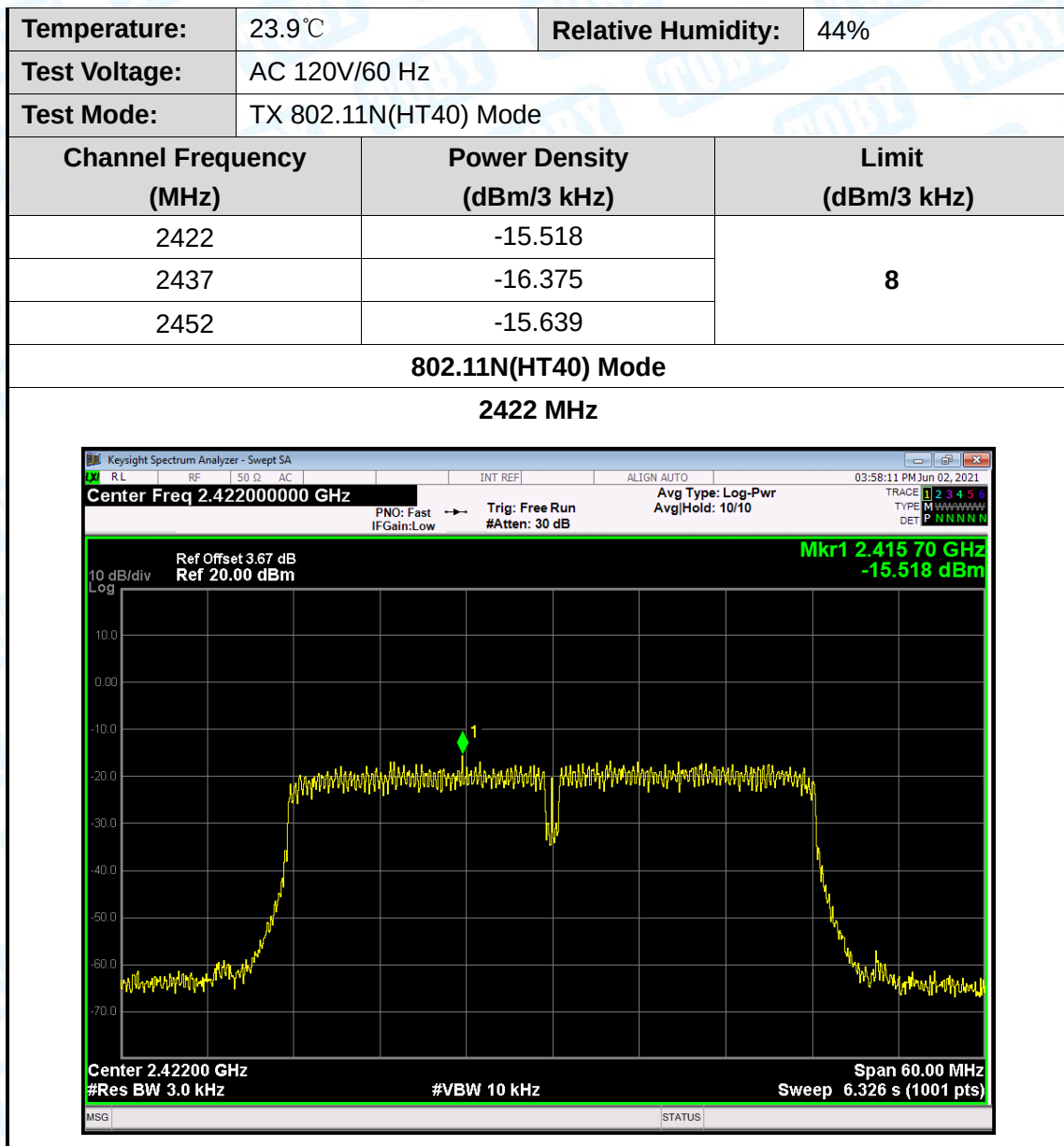
2437 MHz



802.11N(HT20) Mode

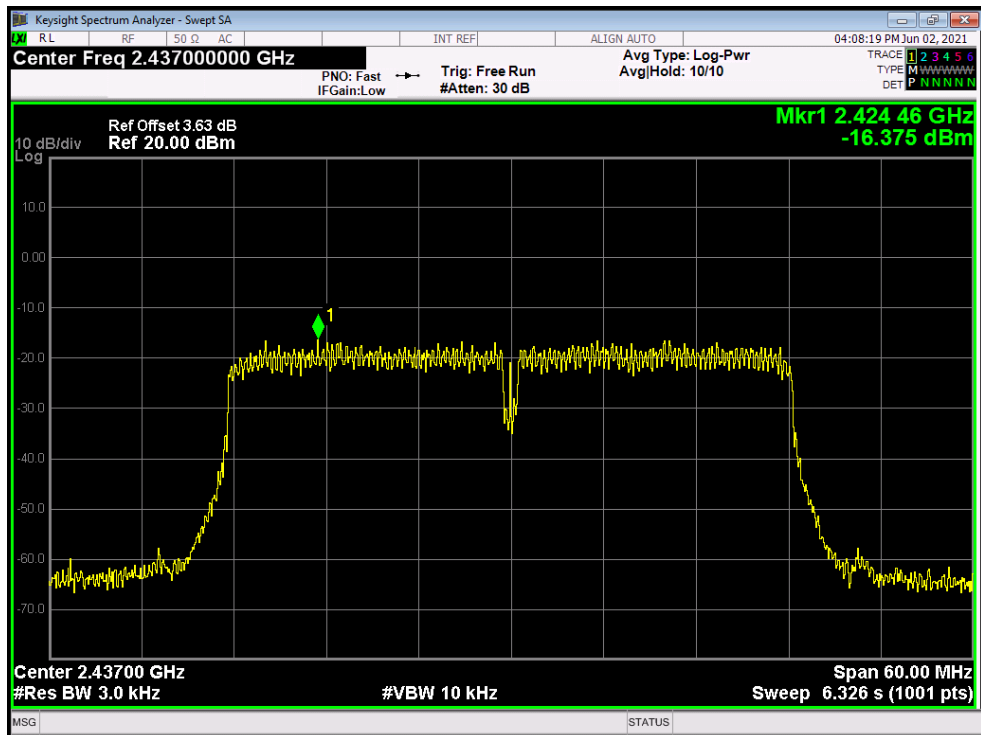
2462 MHz





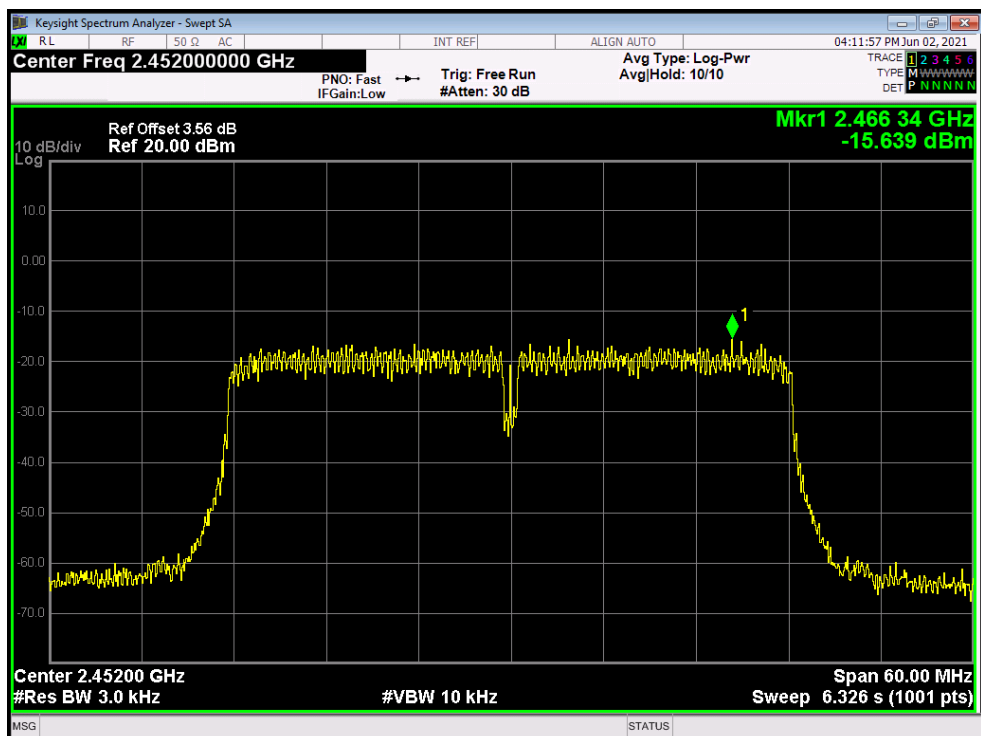
802.11N(HT40) Mode

2437 MHz



802.11N(HT40) Mode

2452 MHz



-----END OF REPORT-----