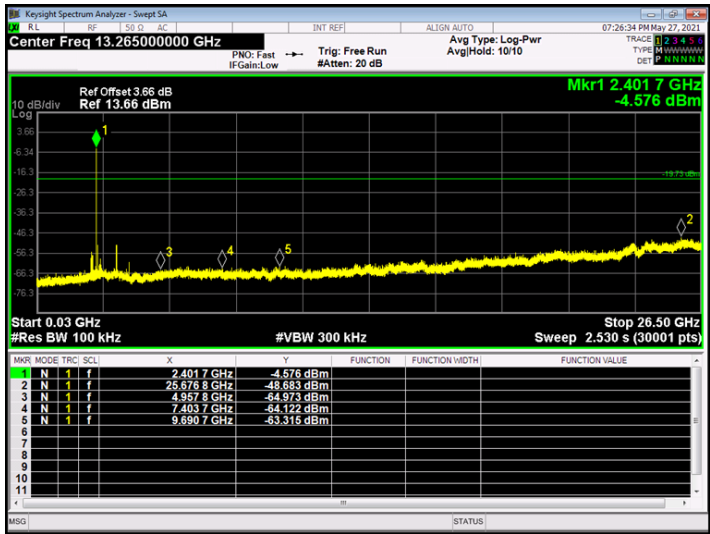
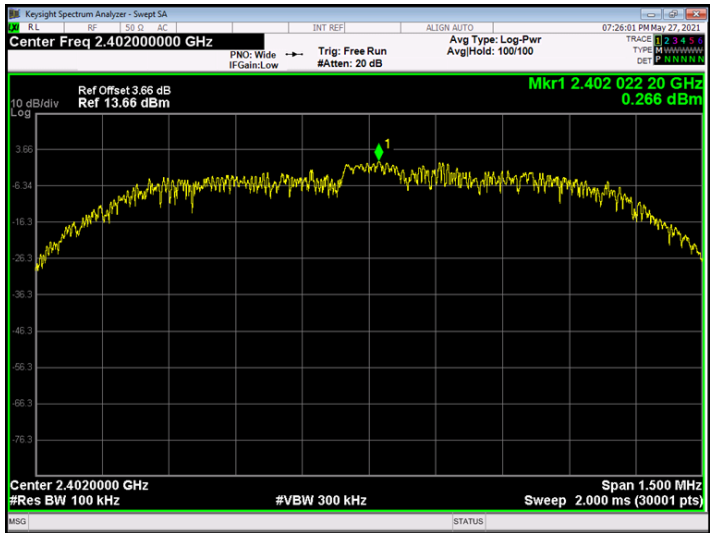


<b>Temperature:</b>	25°C	<b>Relative Humidity:</b>	55%		
<b>Test Voltage:</b>	AC 120V/60 Hz				
<b>Mode</b>	<b>Frequency (MHz)</b>	<b>Antenna</b>	<b>Max Value (dBc)</b>	<b>Limit (dBc)</b>	<b>Verdict</b>
$\pi$ /4-DQPSK	2402	Ant1	-48.95	-20	Pass
$\pi$ /4-DQPSK	2442	Ant1	-49.52	-20	Pass
$\pi$ /4-DQPSK	2480	Ant1	-48.35	-20	Pass
<b>Remark:</b>	The EUT is programmed in continuously transmitting mode				

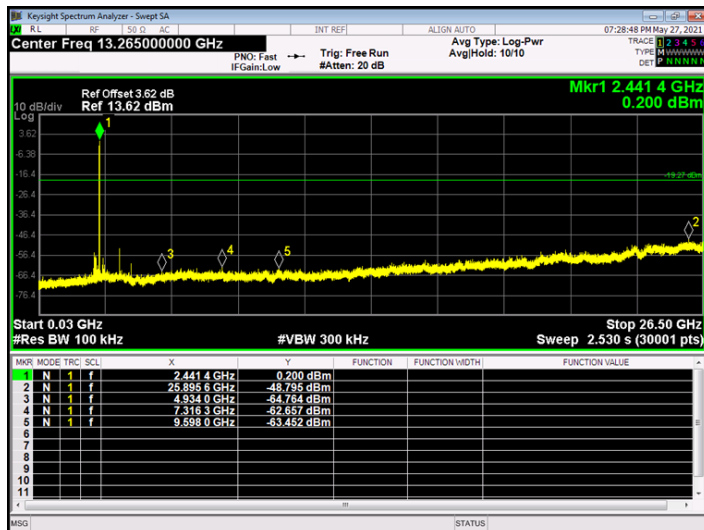
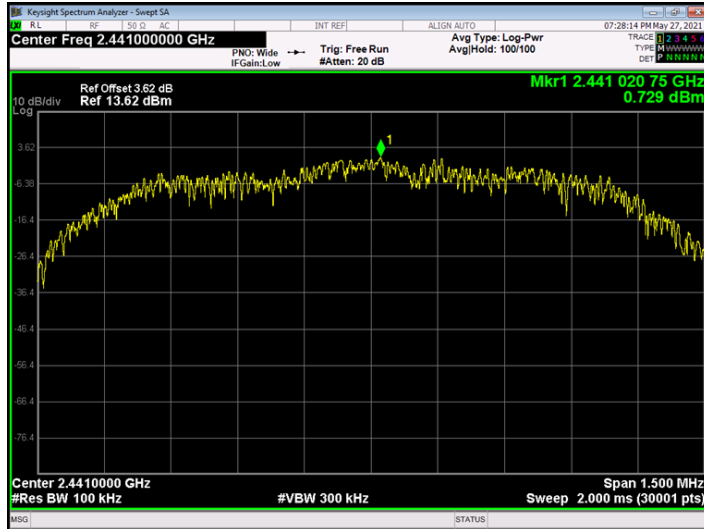
**$\pi$  /4-DQPSK Mode**

**2402 MHz**



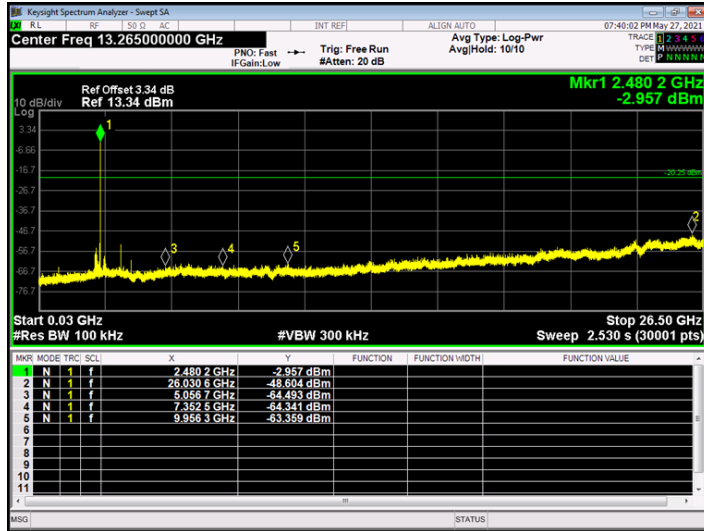
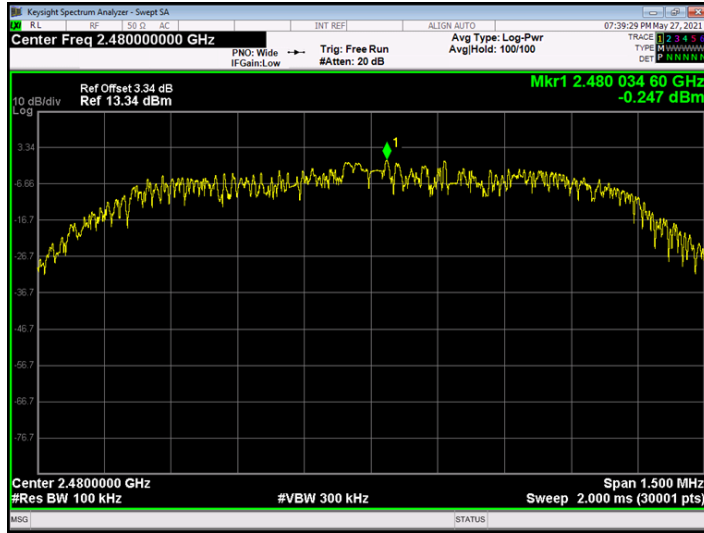
$\pi/4$ -DQPSK Mode

2441 MHz



$\pi$  /4-DQPSK Mode

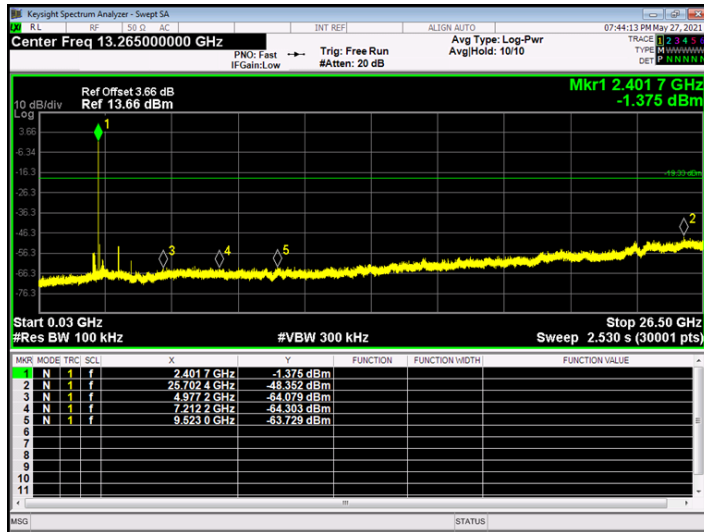
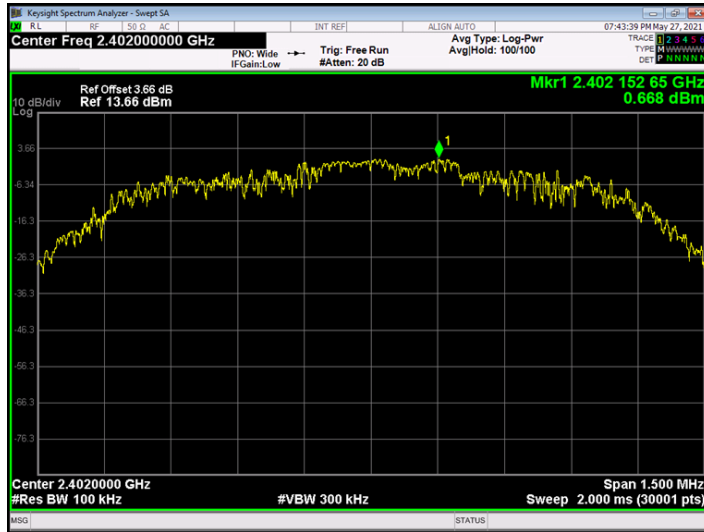
2480 MHz



<b>Temperature:</b>	25°C	<b>Relative Humidity:</b>	55%		
<b>Test Voltage:</b>	AC 120V/60 Hz				
<b>Mode</b>	<b>Frequency (MHz)</b>	<b>Antenna</b>	<b>Max Value (dBc)</b>	<b>Limit (dBc)</b>	<b>Verdict</b>
8DPSK	2402	Ant1	-49.02	-20	Pass
8DPSK	2442	Ant1	-49.9	-20	Pass
8DPSK	2480	Ant1	-49.5	-20	Pass
<b>Remark:</b>	The EUT is programmed in continuously transmitting mode				

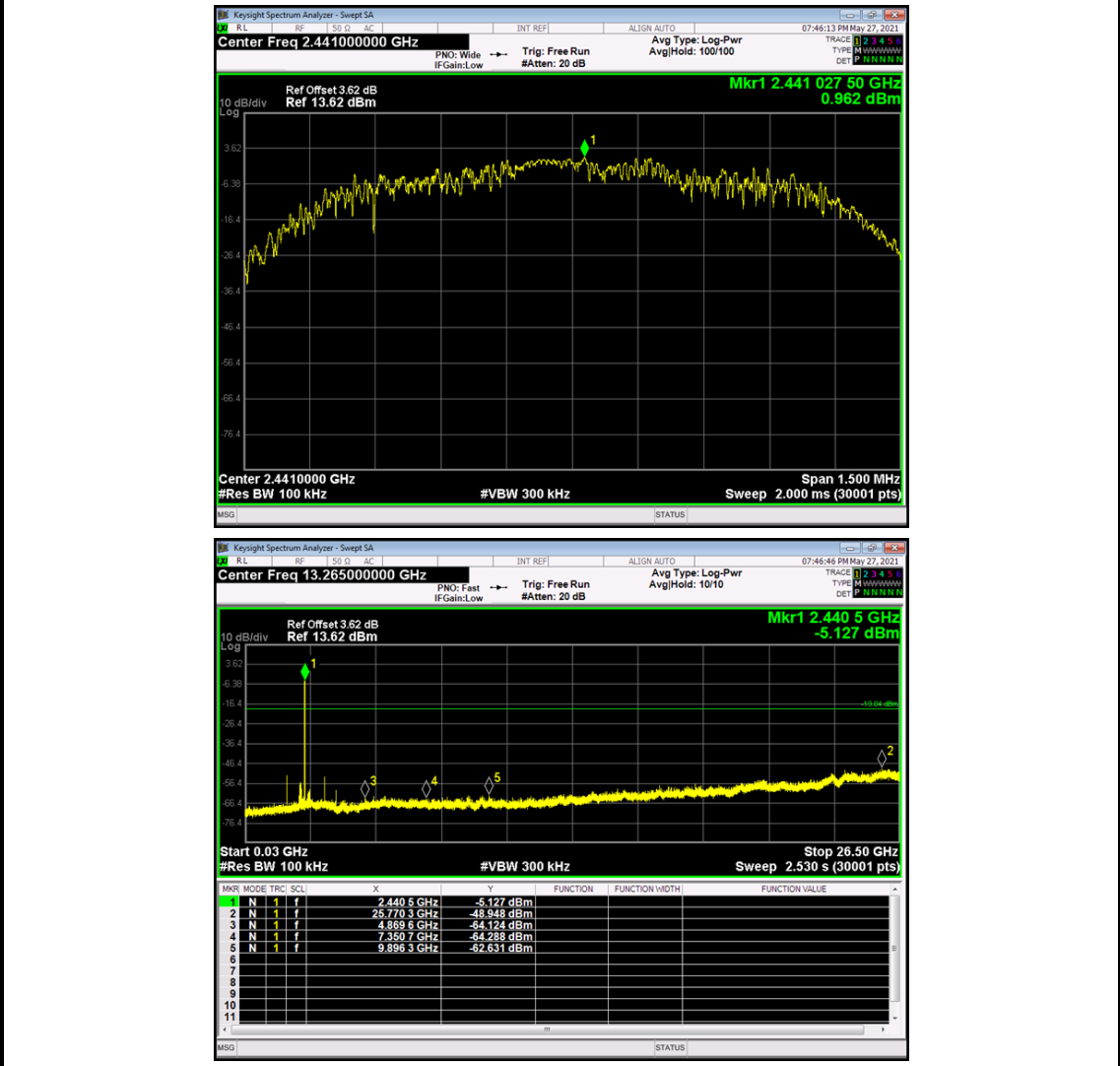
**8DPSK Mode**

**2402 MHz**



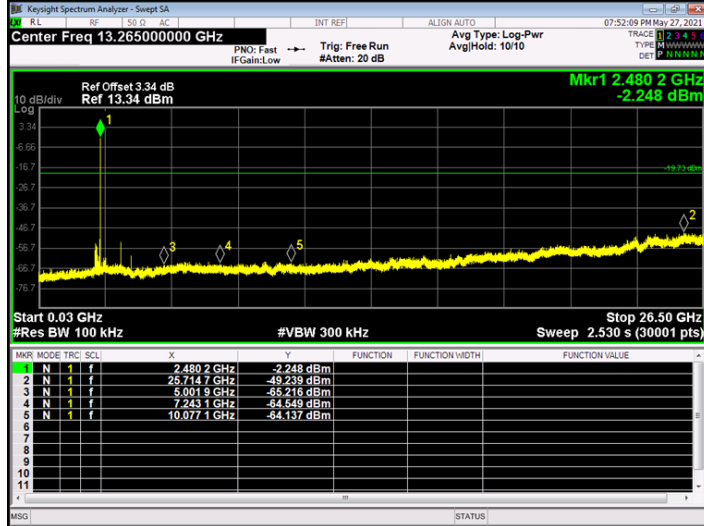
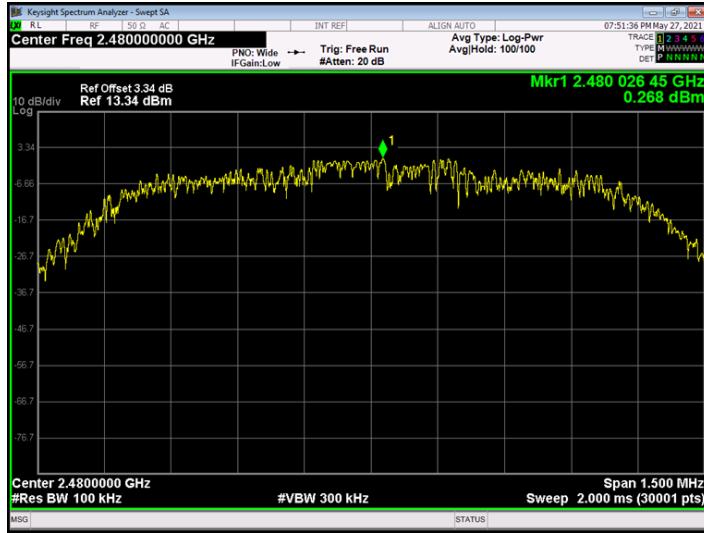
**8DPSK Mode**

**2441 MHz**



**8DPSK Mode**

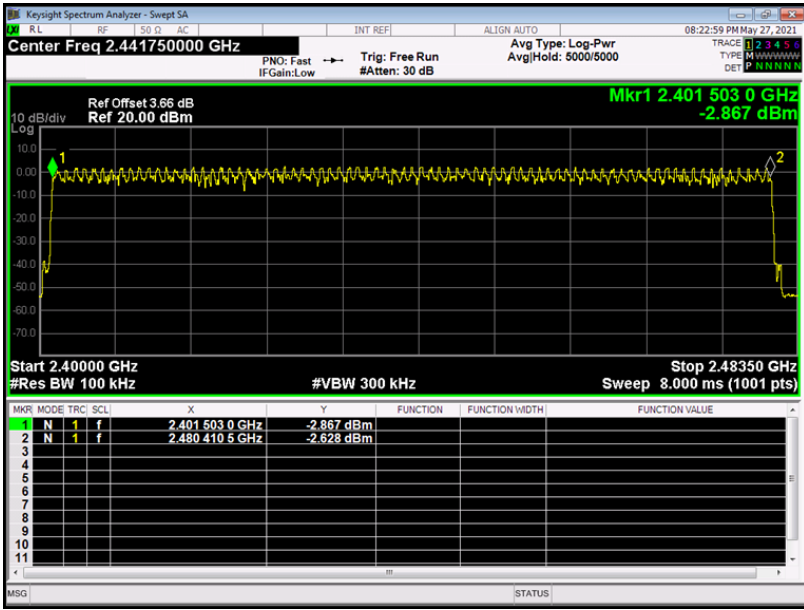
**2480 MHz**



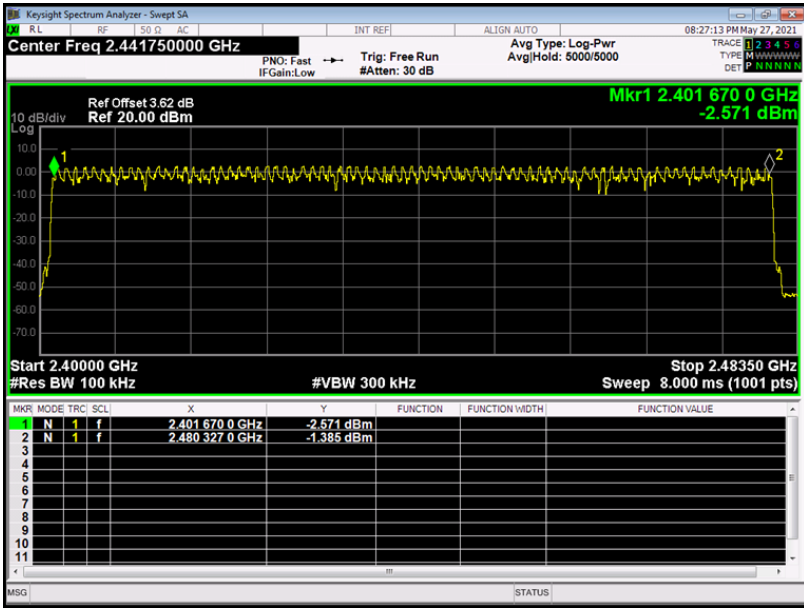
**Attachment E-- Number of Hopping Channel Test Data**

Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	Hopping Mode		
Frequency Range	Test Mode	Quantity of Hopping Channel	Limit
2402MHz~2480MHz	GFSK	79	>15
	$\pi$ /4-DQPSK	79	
	8DPSK	79	

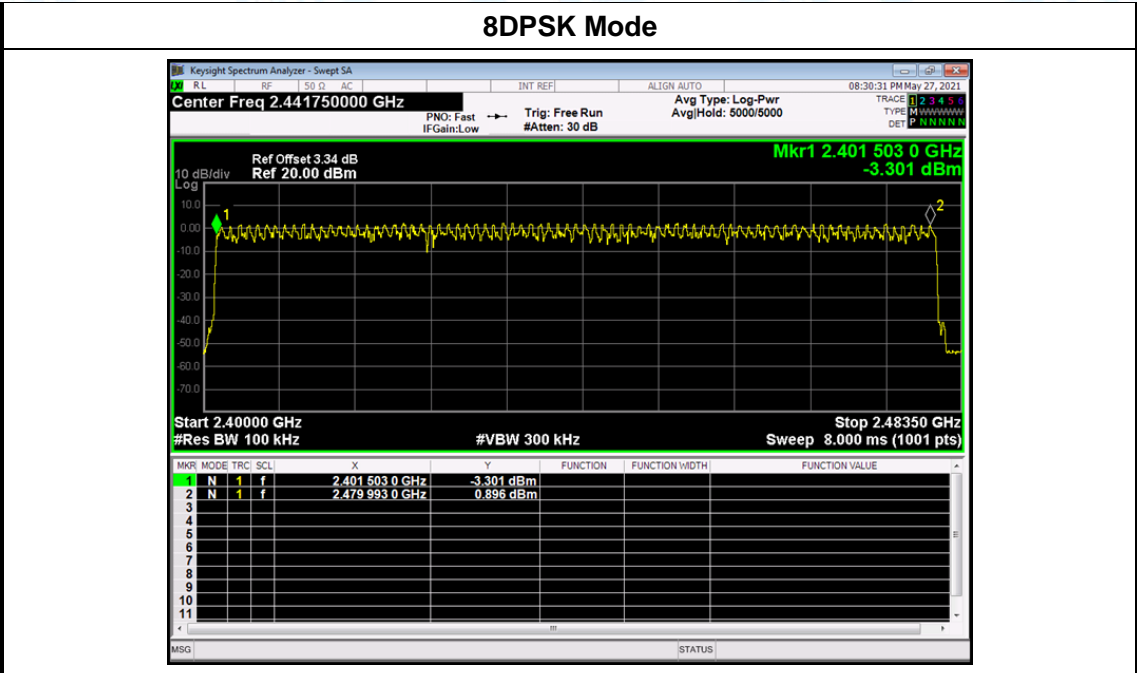
**GFSK Mode**



**$\pi$  /4-DQPSK Mode**



**8DPSK Mode**



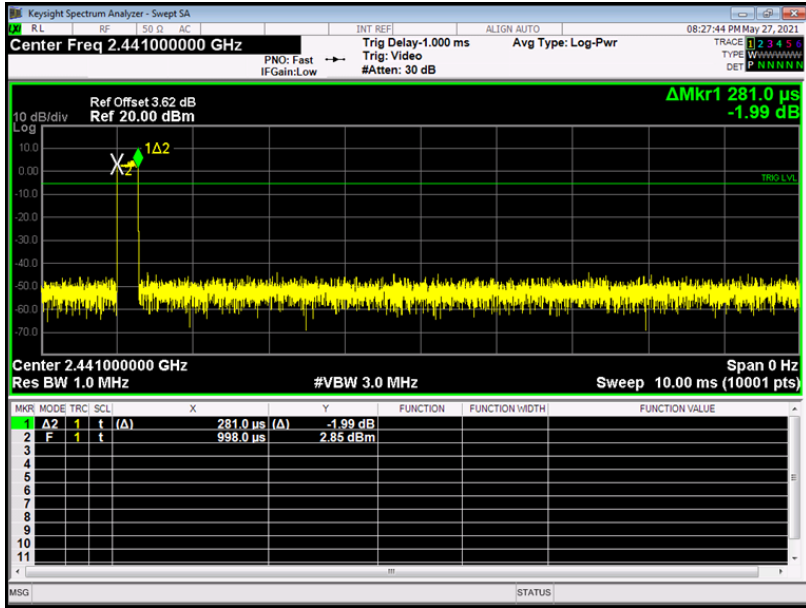


**Attachment F-- Average Time of Occupancy Test Data**

<b>Temperature:</b>		25°C		<b>Relative Humidity:</b>		55%
<b>Test Voltage:</b>		AC 120V/60 Hz				
<b>Test Mode:</b>		Hopping Mode (GFSK)				
Test Mode	Channel (MHz)	Pulse Time (ms)	Total of Dwell (ms)	Period Time (s)	Limit (ms)	Result
1DH1	2441	0.281	89.92	31.60	400	PASS
1DH3	2441	1.632	261.12	31.60	400	PASS
1DH5	2441	2.879	307.093	31.60	400	PASS

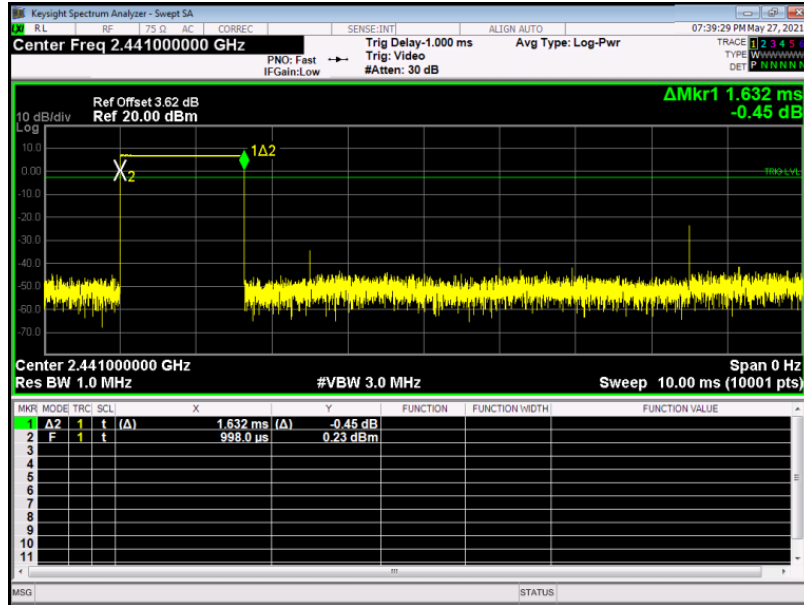
1DH1 Total of Dwell= Pulse Time\*(1600/2)\*31.6/79  
 1DH3 Total of Dwell= Pulse Time\*(1600/4)\*31.6/79  
 1DH5 Total of Dwell= Pulse Time\*(1600/6)\*31.6/79

**GFSK Hopping Mode 1DH1  
2441 MHz**



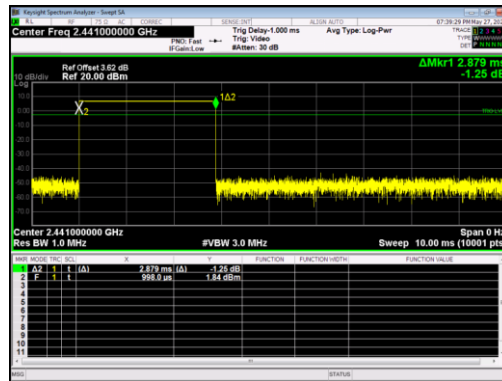
**GFSK Hopping Mode 1DH3**

2441 MHz



**GFSK Hopping Mode 1DH5**

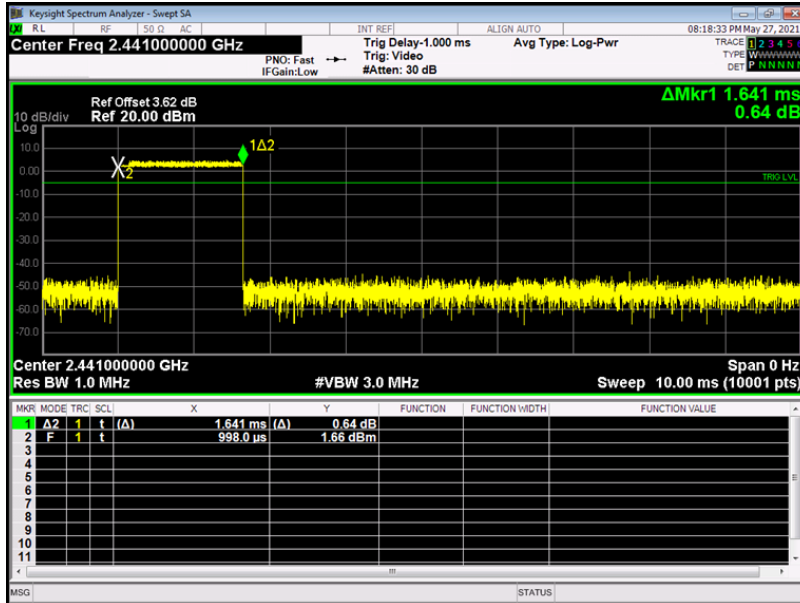
2441 MHz



<b>Temperature:</b>		25°C		<b>Relative Humidity:</b>		55%																												
<b>Test Voltage:</b>		AC 120V/60 Hz																																
<b>Test Mode:</b>		Hopping Mode ( $\pi/4$ -DQPSK)																																
Test Mode	Channel (MHz)	Pulse Time (ms)	Total of Dwell (ms)	Period Time (s)	Limit (ms)	Result																												
2DH1	2441	0.389	124.48	31.60	400	PASS																												
2DH3	2441	1.641	262.56	31.60	400	PASS																												
2DH5	2441	2.889	308.16	31.60	400	PASS																												
<p>2DH1 Total of Dwell= Pulse Time*(1600/2)*31.6/79                  2DH3 Total of Dwell= Pulse Time*(1600/4)*31.6/79                  2DH5 Total of Dwell= Pulse Time*(1600/6)*31.6/79</p>																																		
<b><math>\pi/4</math>-DQPSK Hopping Mode 2DH1</b>																																		
<b>2441 MHz</b>																																		
<p>Keysight Spectrum Analyzer - Swept SA                  Center Freq 2.441000000 GHz                  Res BW 1.0 MHz                  Span 0 Hz                  #VBW 3.0 MHz                  Sweep 10.00 ms (10001 pts)                  Ref Offset 3.62 dB                  Ref 20.00 dBm  <math>\Delta</math>Mkr1 389.0 us                  1.34 dB</p> <table border="1"> <thead> <tr> <th>MKR</th> <th>MODE</th> <th>TRC</th> <th>SCL</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><math>\Delta</math>2</td> <td>1</td> <td>t</td> <td>(<math>\Delta</math>)</td> <td>389.0 us</td> <td>(<math>\Delta</math>)</td> <td>1.34 dB</td> <td></td> </tr> <tr> <td>2</td> <td>F</td> <td>1</td> <td>t</td> <td></td> <td>781.0 us</td> <td></td> <td>-9.68 dBm</td> <td></td> </tr> </tbody> </table>								MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	$\Delta$ 2	1	t	( $\Delta$ )	389.0 us	( $\Delta$ )	1.34 dB		2	F	1	t		781.0 us		-9.68 dBm	
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE																										
1	$\Delta$ 2	1	t	( $\Delta$ )	389.0 us	( $\Delta$ )	1.34 dB																											
2	F	1	t		781.0 us		-9.68 dBm																											

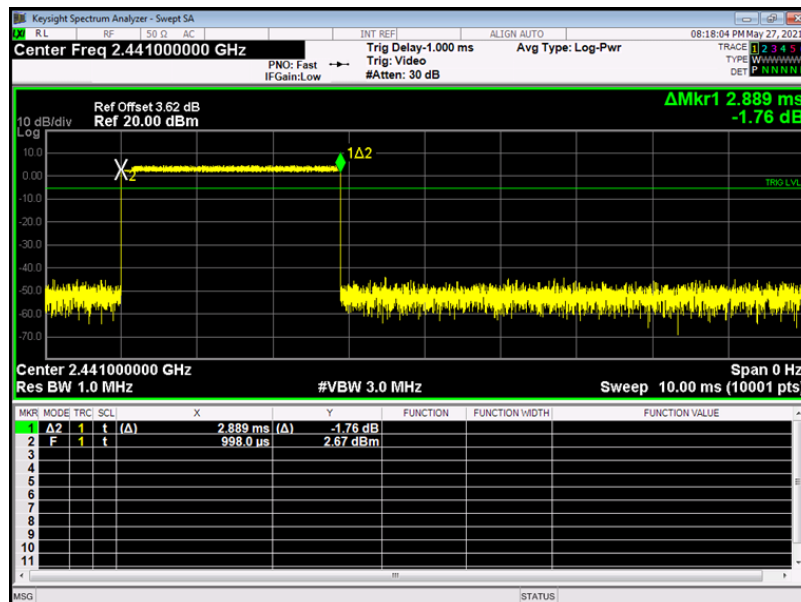
$\pi/4$ -DQPSK Hopping Mode 2DH3

2441 MHz



$\pi/4$ -DQPSK Hopping Mode 2DH5

2441 MHz



<b>Temperature:</b>		25°C		<b>Relative Humidity:</b>		55%
<b>Test Voltage:</b>		AC 120V/60 Hz				
<b>Test Mode:</b>		Hopping Mode (8DPSK)				
Test Mode	Channel (MHz)	Pulse Time (ms)	Total of Dwell (ms)	Period Time (s)	Limit (ms)	Result
3DH1	2441	0.389	124.48	31.60	400	PASS
3DH3	2441	1.641	262.56	31.60	400	PASS
3DH5	2441	2.891	308.373	31.60	400	PASS

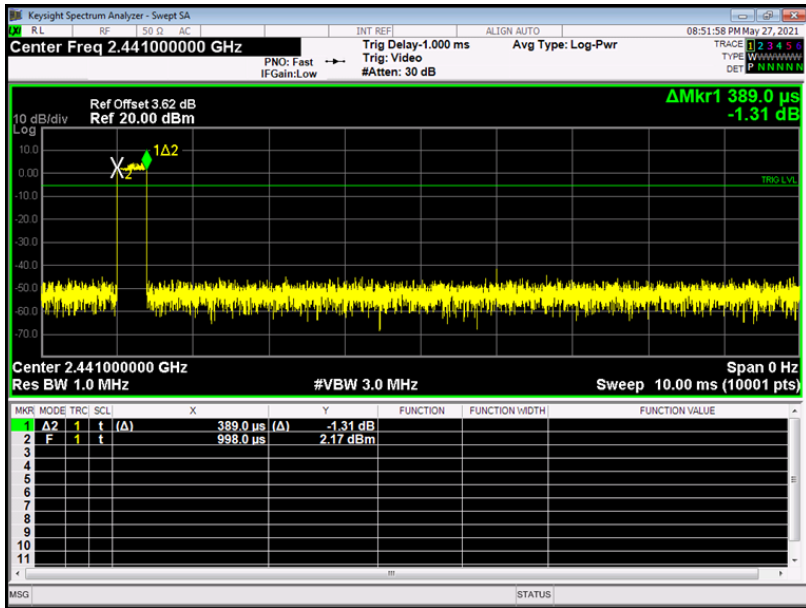
1DH1 Total of Dwell= Pulse Time\*(1600/2)\*31.6/79

1DH3 Total of Dwell= Pulse Time\*(1600/4)\*31.6/79

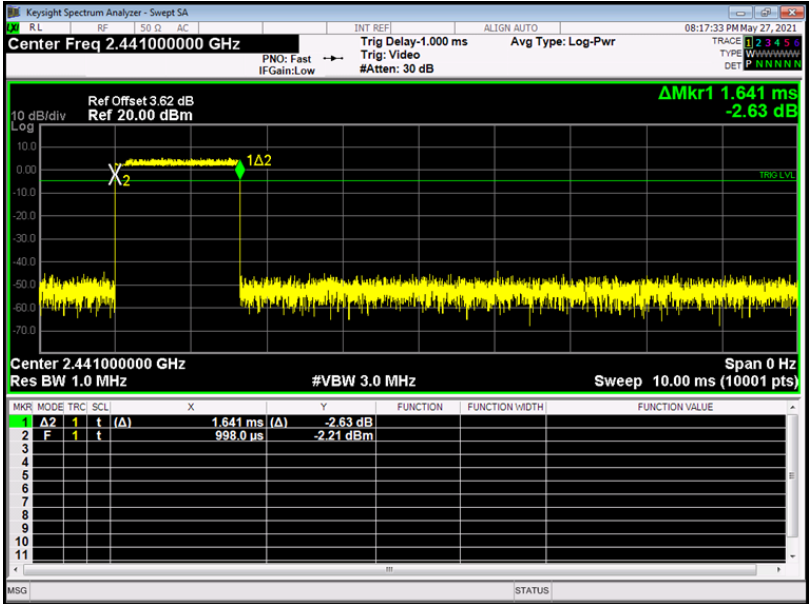
1DH5 Total of Dwell= Pulse Time\*(1600/6)\*31.6/79

**8DPSK Hopping Mode 3DH1**

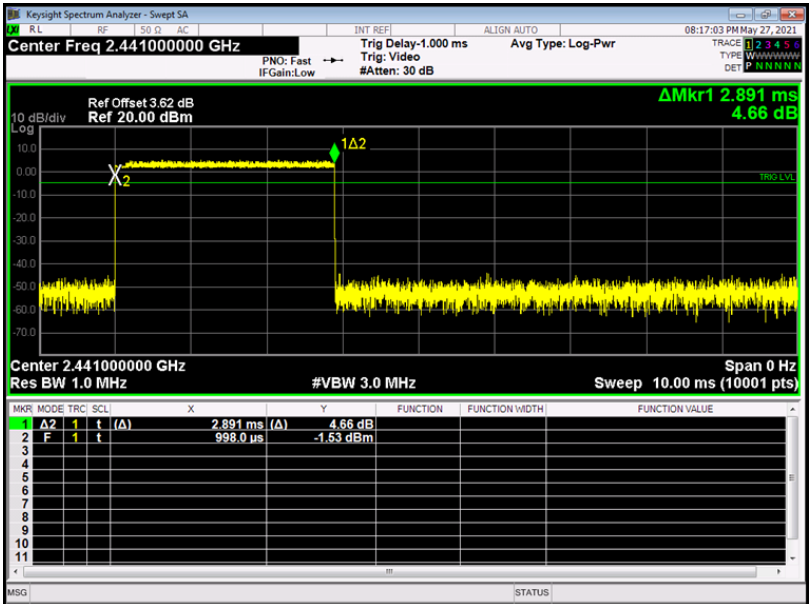
**2441 MHz**



**8DPSK Hopping Mode 3DH3**  
**2441 MHz**



**8DPSK Hopping Mode 3DH5**  
**2441 MHz**

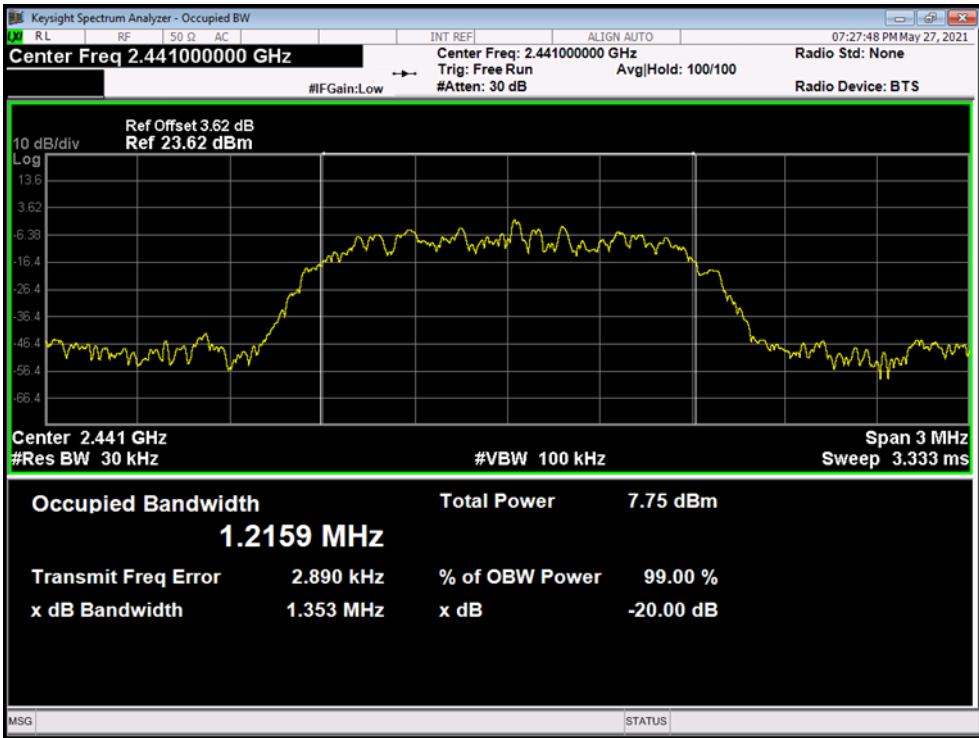


# Attachment G-- Channel Separation and Bandwidth Test Data

Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX Mode (GFSK)		
Channel frequency (MHz)	99% OBW (kHz)	20dB Bandwidth (kHz)	20dB Bandwidth *2/3 (kHz)
2402	1215.9	1353	0.886
2441	1156.4	1334	0.889
2480	1140.8	1278	0.852

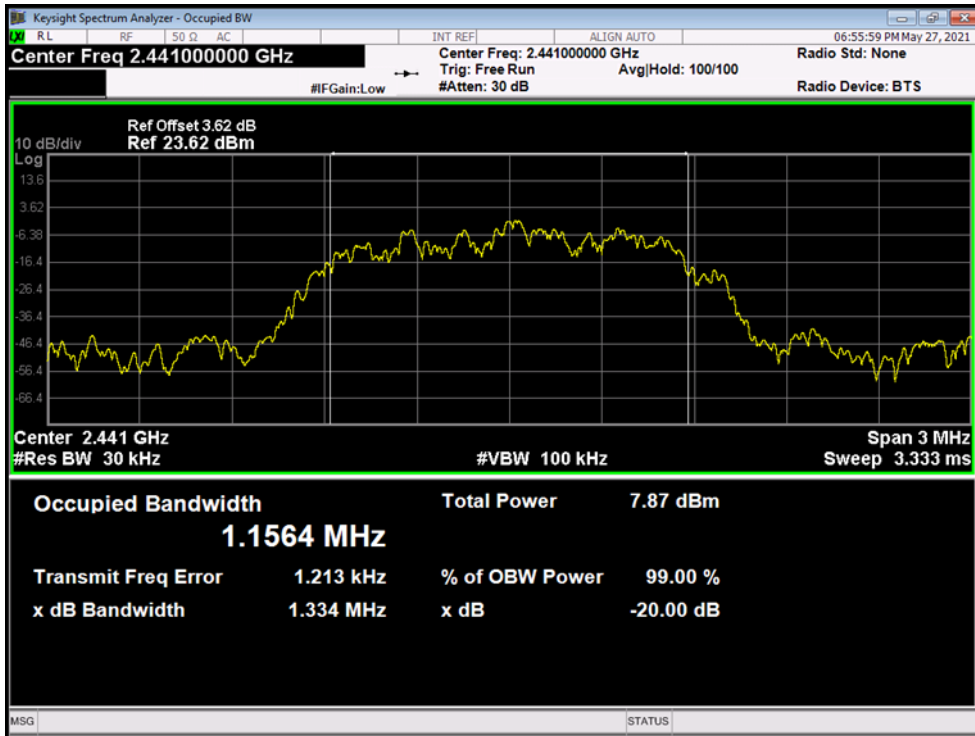
**GFSK TX Mode**

**2402 MHz**



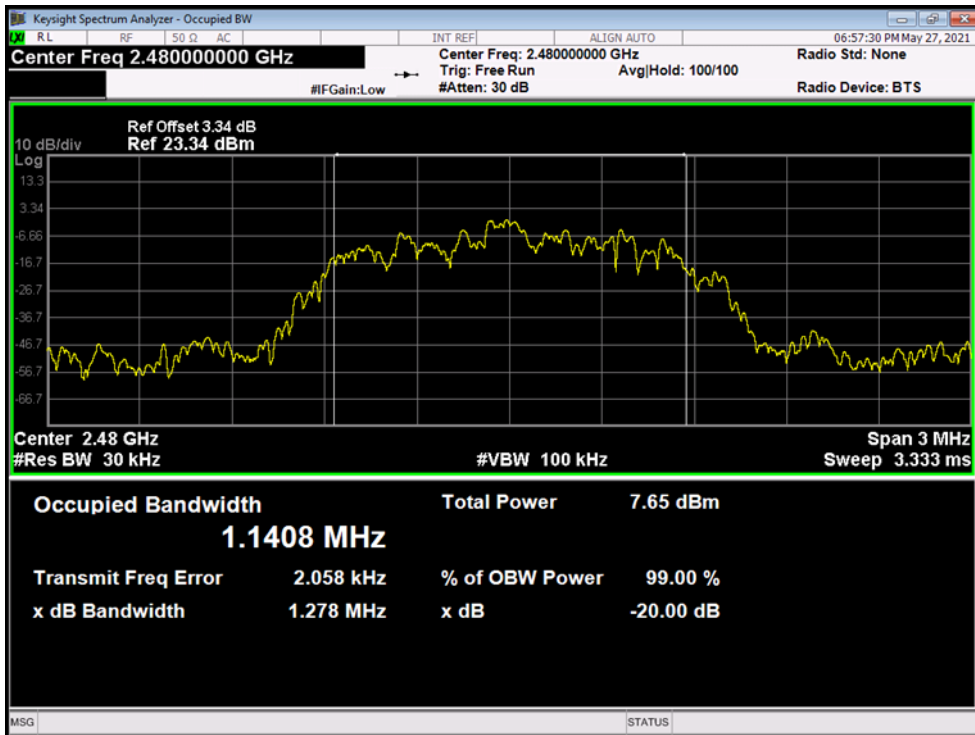
**GFSK TX Mode**

**2441 MHz**



**GFSK TX Mode**

**2480 MHz**

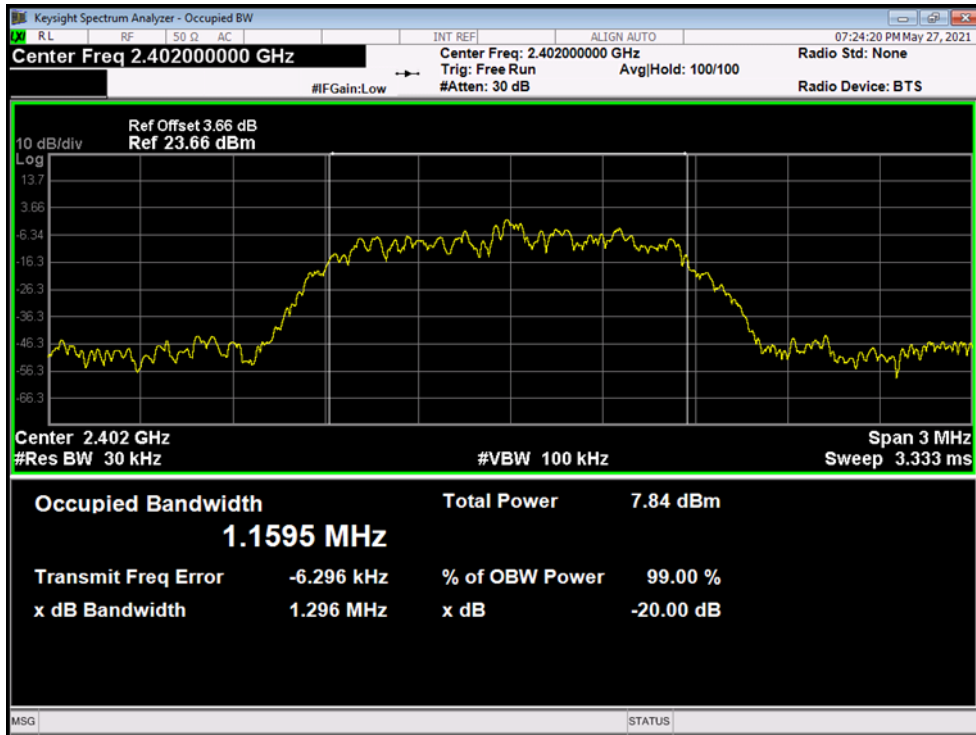




<b>Temperature:</b>	25°C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60 Hz		
<b>Test Mode:</b>	TX Mode ( $\pi/4$ -DQPSK)		
<b>Channel frequency (MHz)</b>	<b>99% OBW (kHz)</b>	<b>20dB Bandwidth (kHz)</b>	<b>20dB Bandwidth *2/3 (kHz)</b>
2402	1159.5	1296.0	864
2441	1215.9	1353.0	902
2480	1187.1	1290.0	860

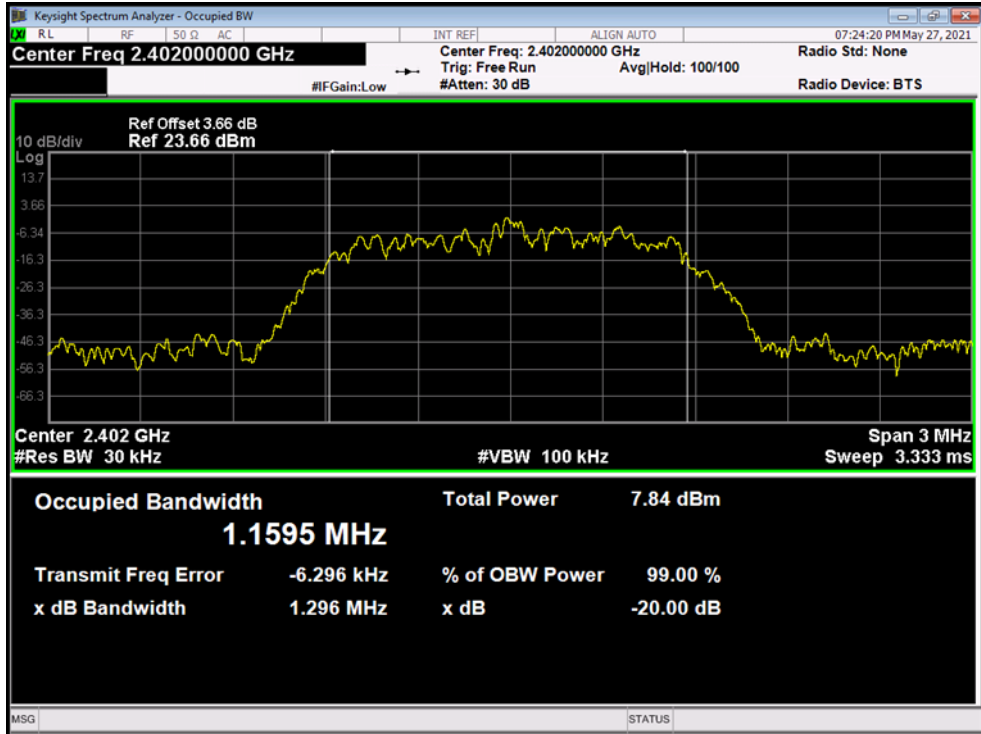
$\pi/4$ -DQPSK TX Mode

2402 MHz



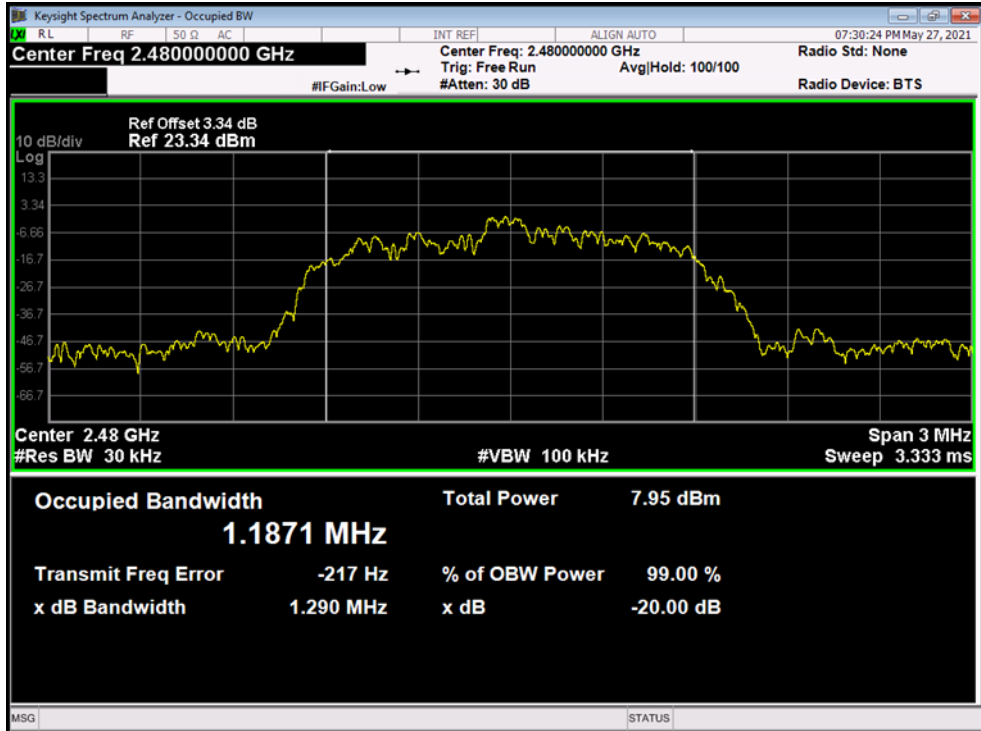
$\pi/4$ -DQPSK TX Mode

2441 MHz



$\pi/4$ -DQPSK TX Mode

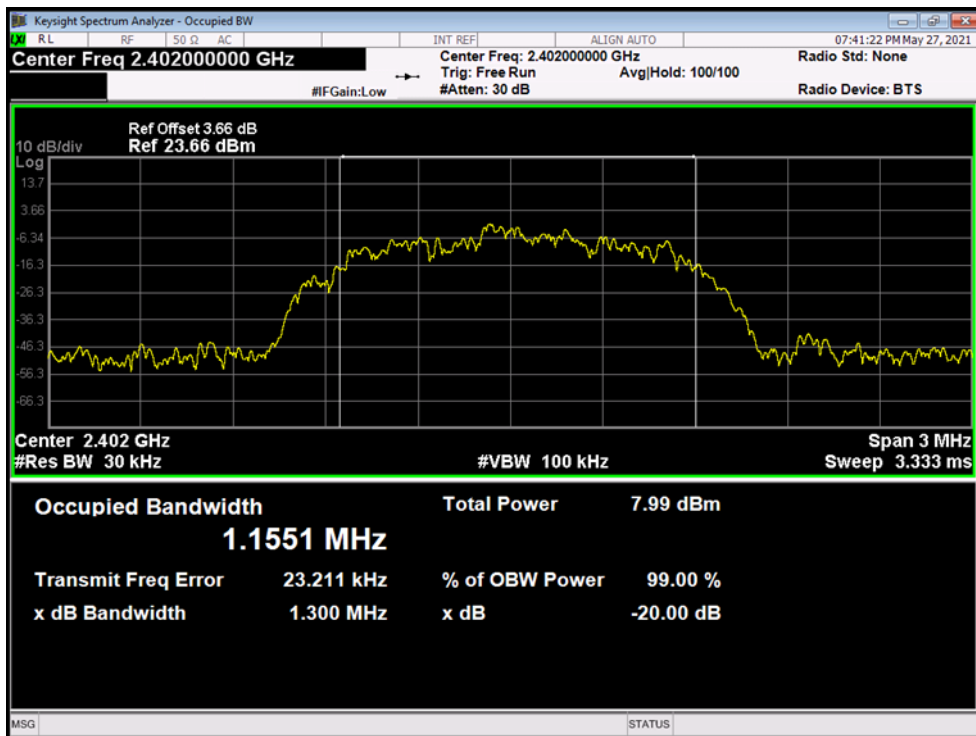
2480 MHz



<b>Temperature:</b>	25°C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60 Hz		
<b>Test Mode:</b>	TX Mode (8DPSK)		
<b>Channel frequency (MHz)</b>	<b>99% OBW (kHz)</b>	<b>20dB Bandwidth (kHz)</b>	<b>20dB Bandwidth *2/3 (kHz)</b>
2402	1155.1	1300.0	866.66
2441	1182.4	1272.0	848
2480	1181.2	1316.0	877.33

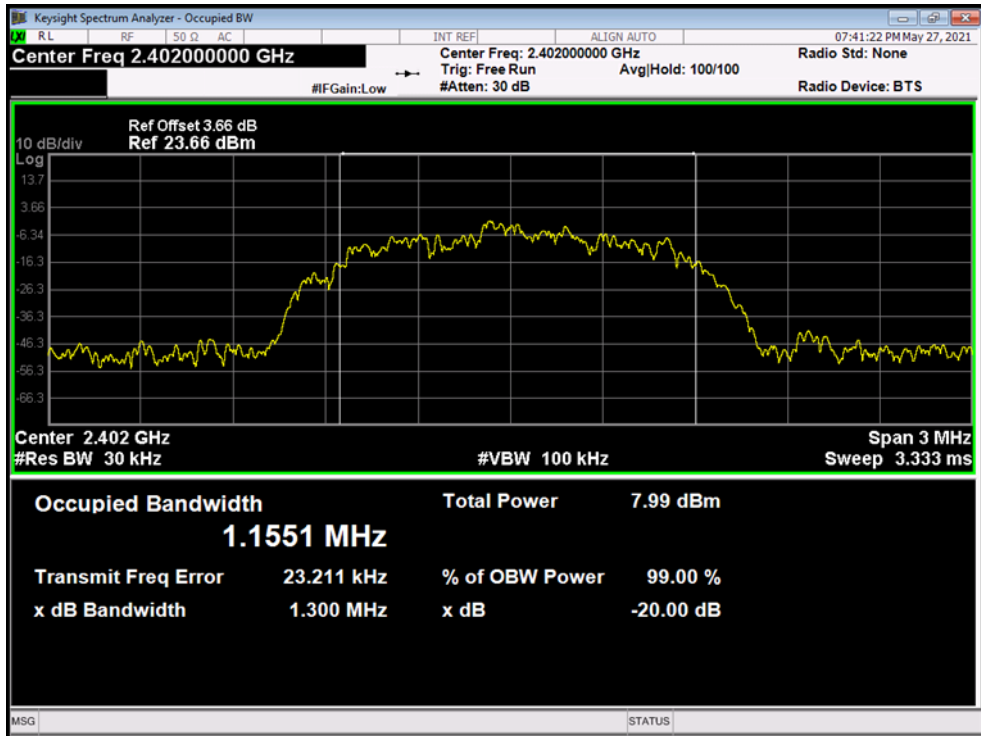
**8DPSK TX Mode**

**2402 MHz**



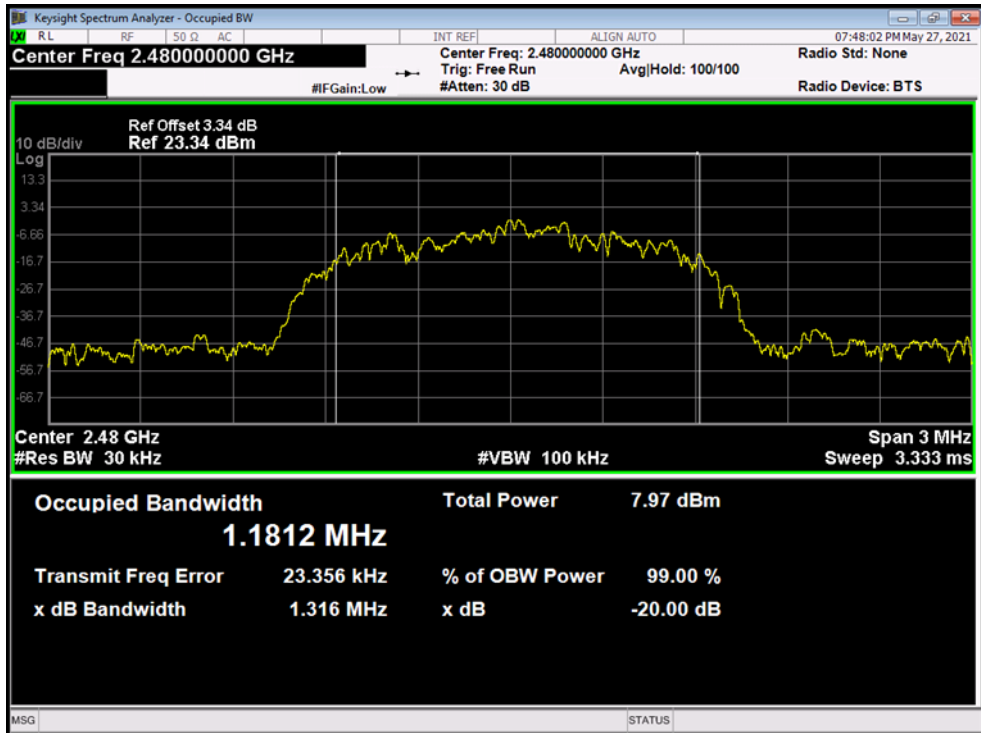
**8DPSK TX Mode**

**2441 MHz**



**8DPSK TX Mode**

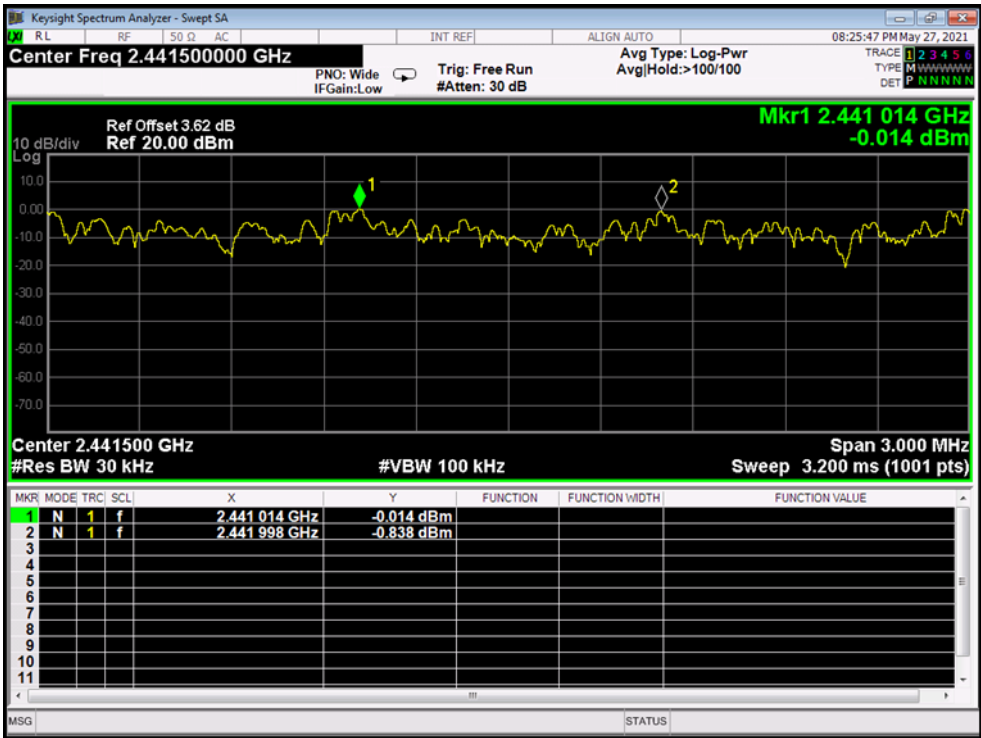
**2480 MHz**



<b>Temperature:</b>	25°C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60 Hz		
<b>Test Mode:</b>	Hopping Mode (GFSK)		
<b>Channel frequency (MHz)</b>	<b>Separation Read Value (kHz)</b>	<b>Separation Limit (kHz)</b>	
2441	0.984	0.889	

**GFSK Hopping Mode**

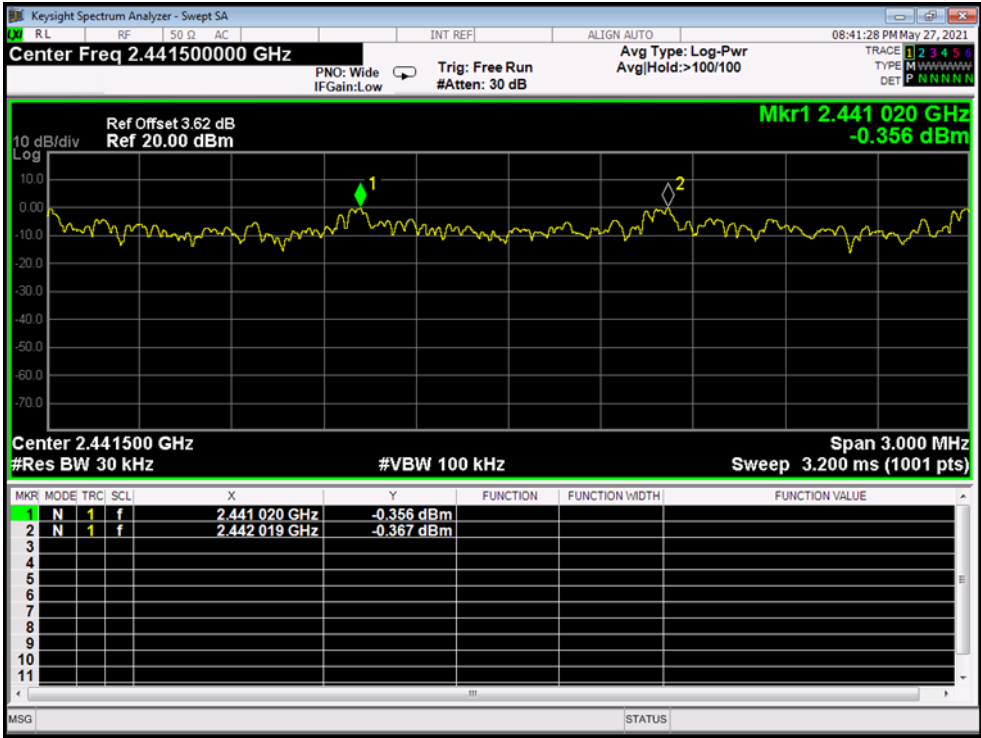
**2441 MHz**



Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	Hopping Mode ( $\pi/4$ -DQPSK)		
Channel frequency (MHz)	Separation Read Value (kHz)	Separation Limit (kHz)	
2441	0.999	902	

$\pi/4$ -DQPSK Hopping Mode

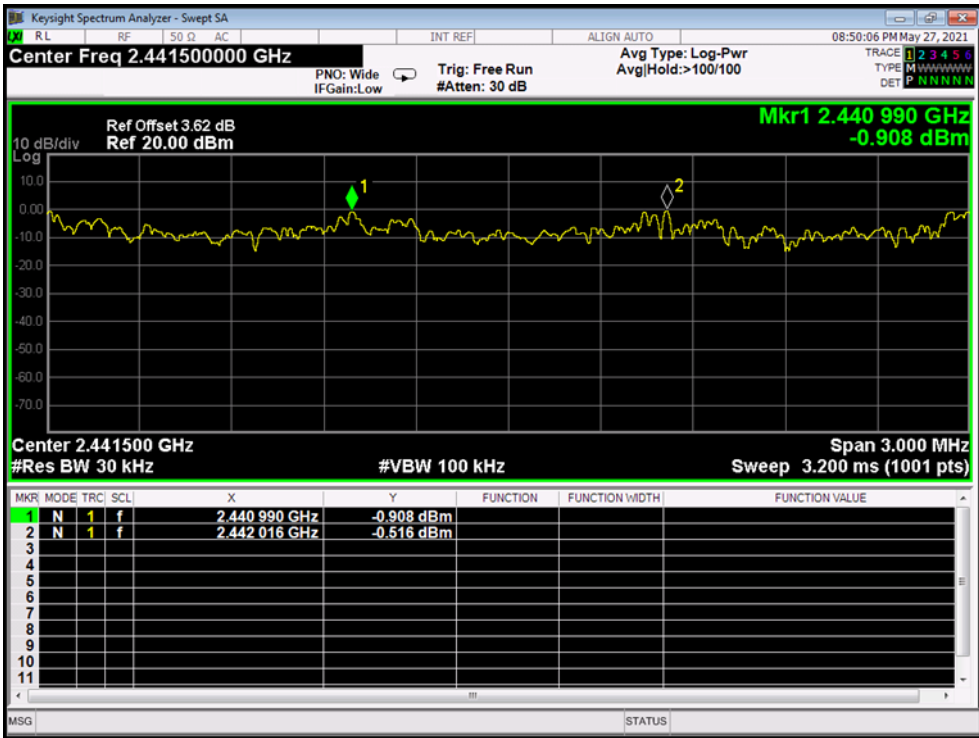
2441 MHz



<b>Temperature:</b>	25°C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60 Hz		
<b>Test Mode:</b>	Hopping Mode (8DPSK)		
<b>Channel frequency (MHz)</b>	<b>Separation Read Value (kHz)</b>	<b>Separation Limit (kHz)</b>	
2441	1.026	848	

**8DPSK Hopping Mode**

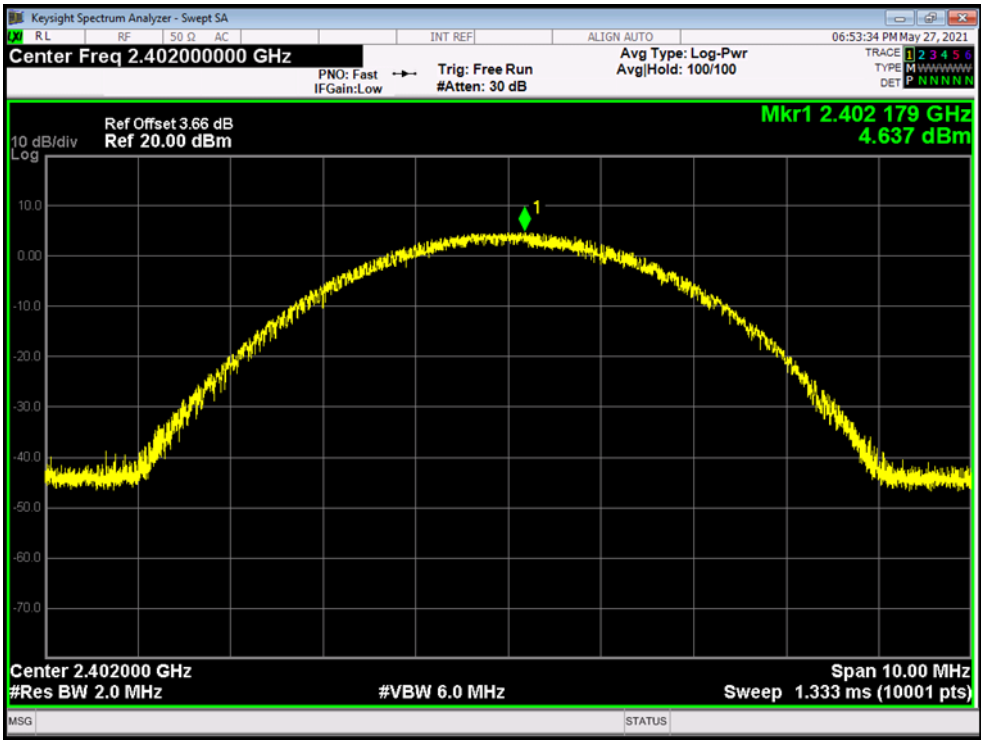
**2441 MHz**



**Attachment H-- Peak Output Power Test Data**

Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX Mode (GFSK)		
Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)	
2402	4.637	21	
2441	5.089		
2480	4.514		
<b>GFSK TX Mode</b>			

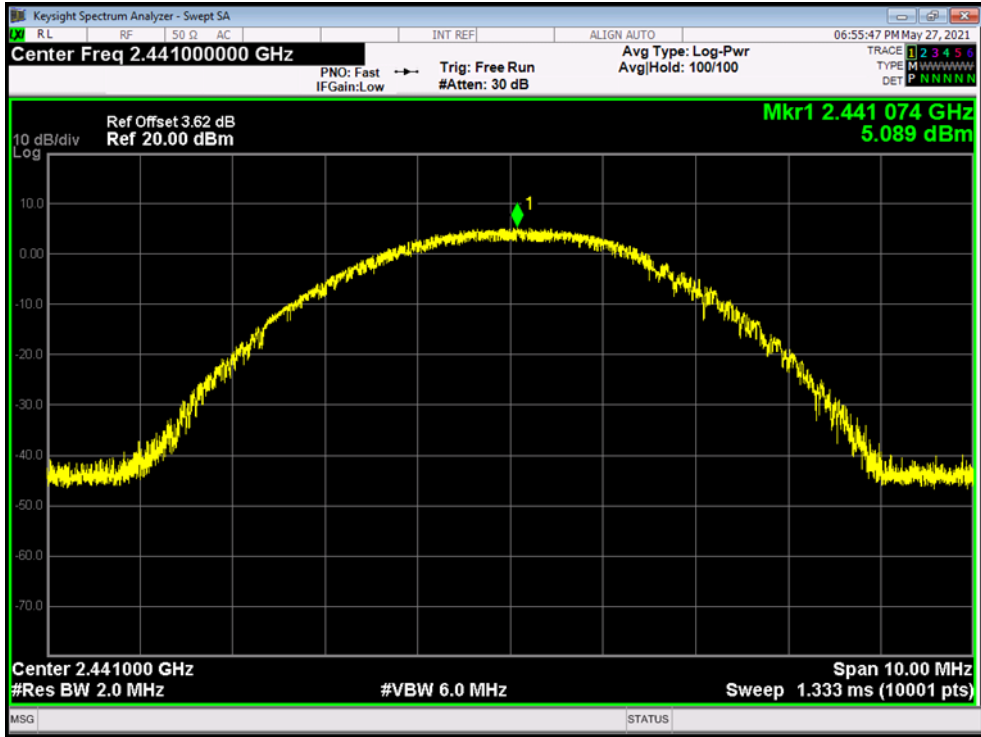
**2402 MHz**





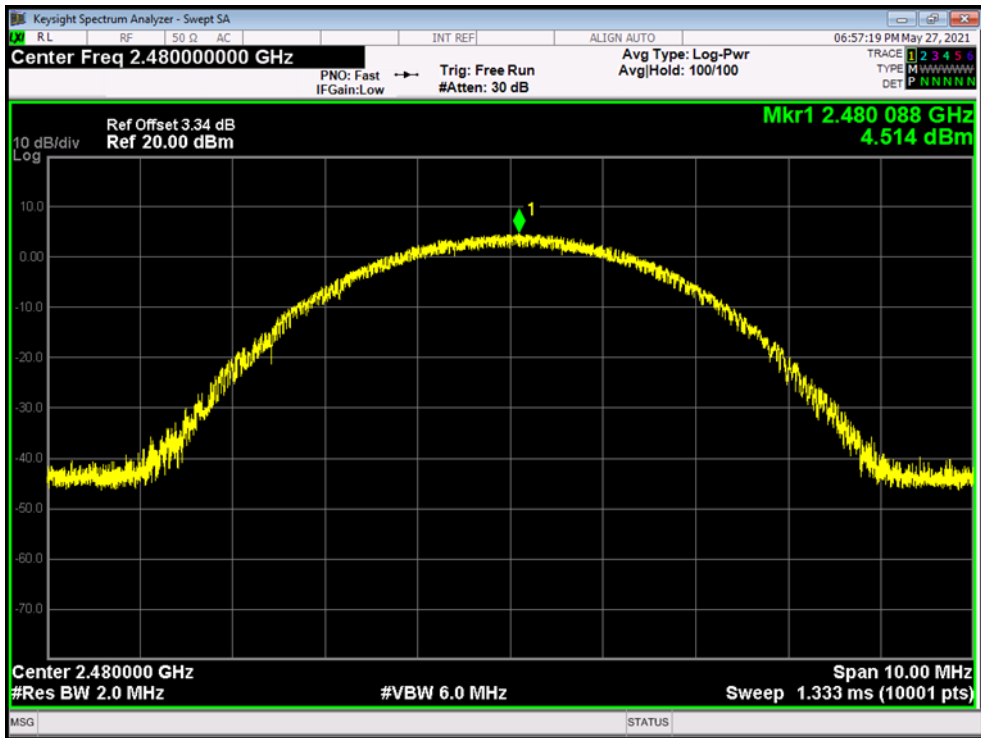
**GFSK TX Mode**

**2441 MHz**



**GFSK TX Mode**

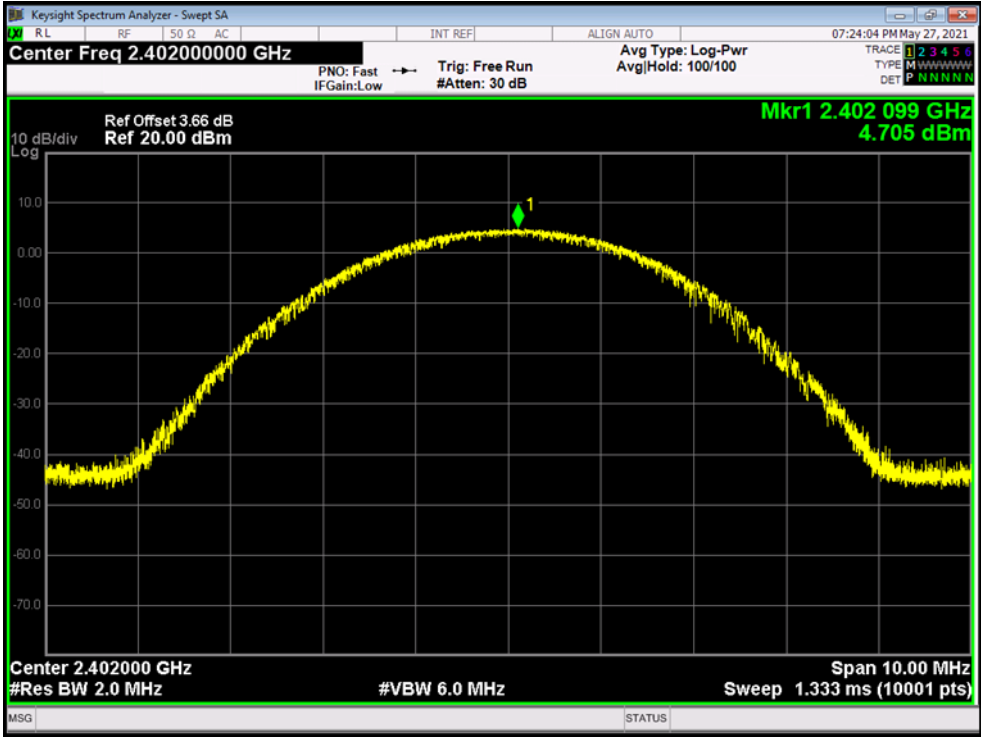
**2480 MHz**



Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX Mode ( $\pi/4$ -DQPSK)		
Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)	
2402	4.705	21	
2441	5.16		
2480	4.148		

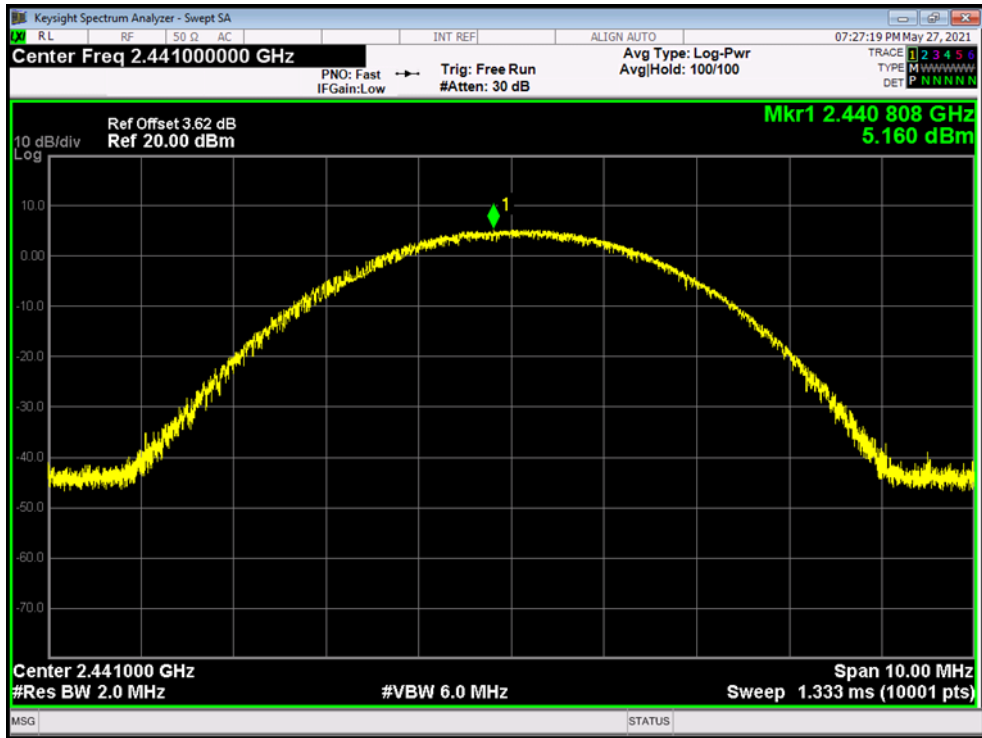
$\pi/4$ -DQPSK TX Mode

2402 MHz



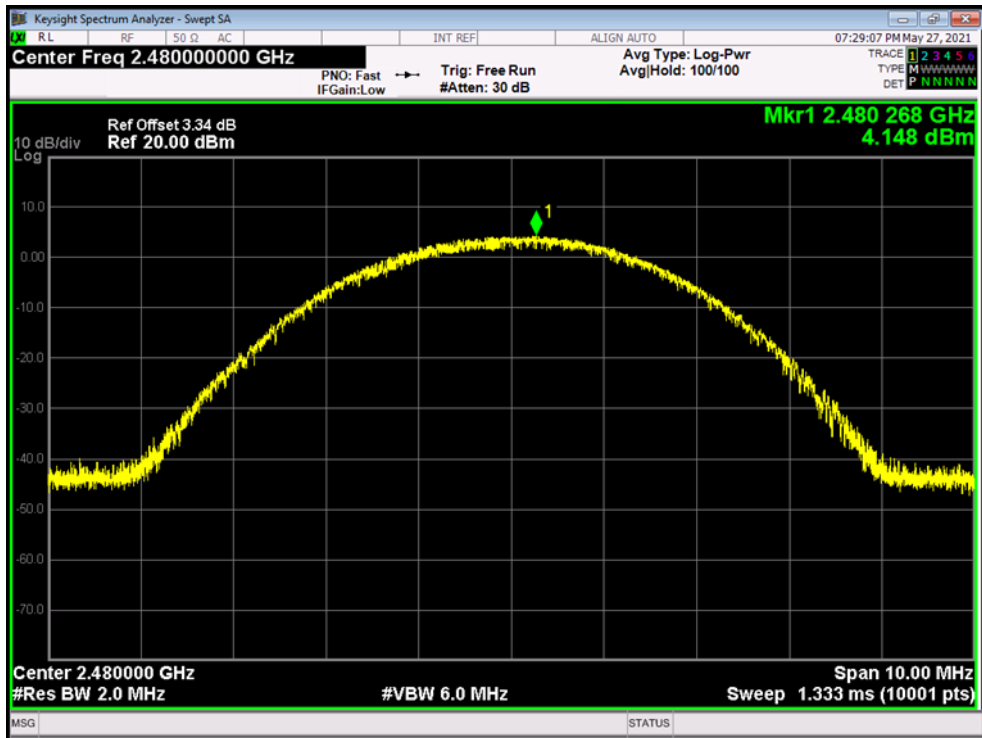
$\pi/4$ -DQPSK TX Mode

2441 MHz



$\pi/4$ -DQPSK TX Mode

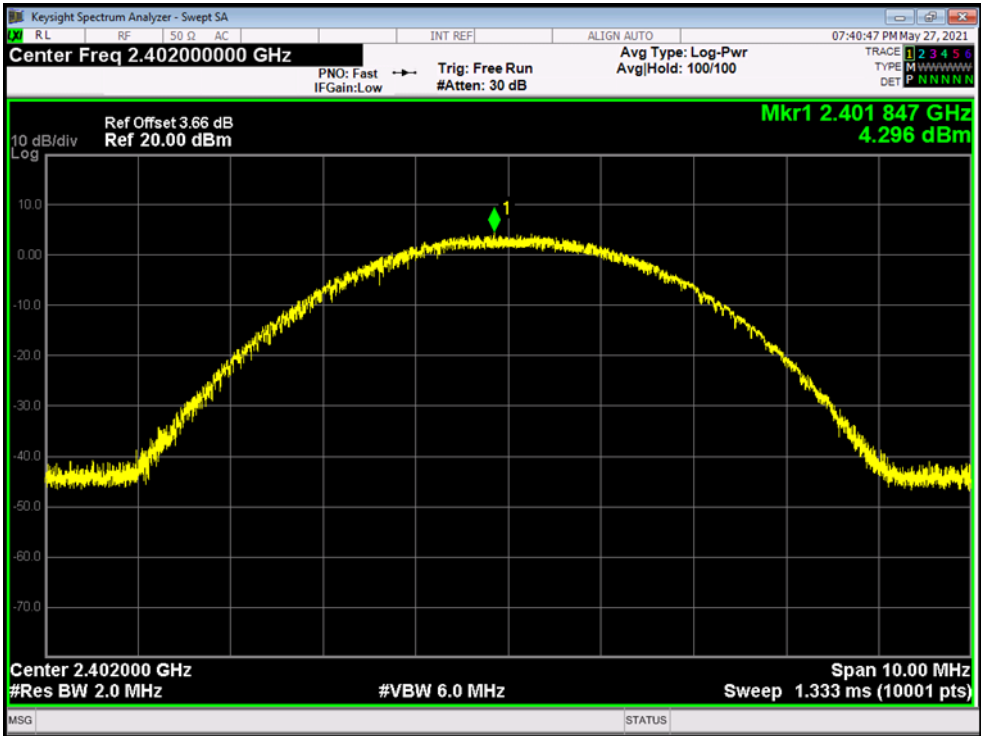
2480 MHz



Temperature:	25°C	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Test Mode:	TX Mode (8DPSK)		
Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)	
2402	4.296	21	
2441	5.831		
2480	5.166		

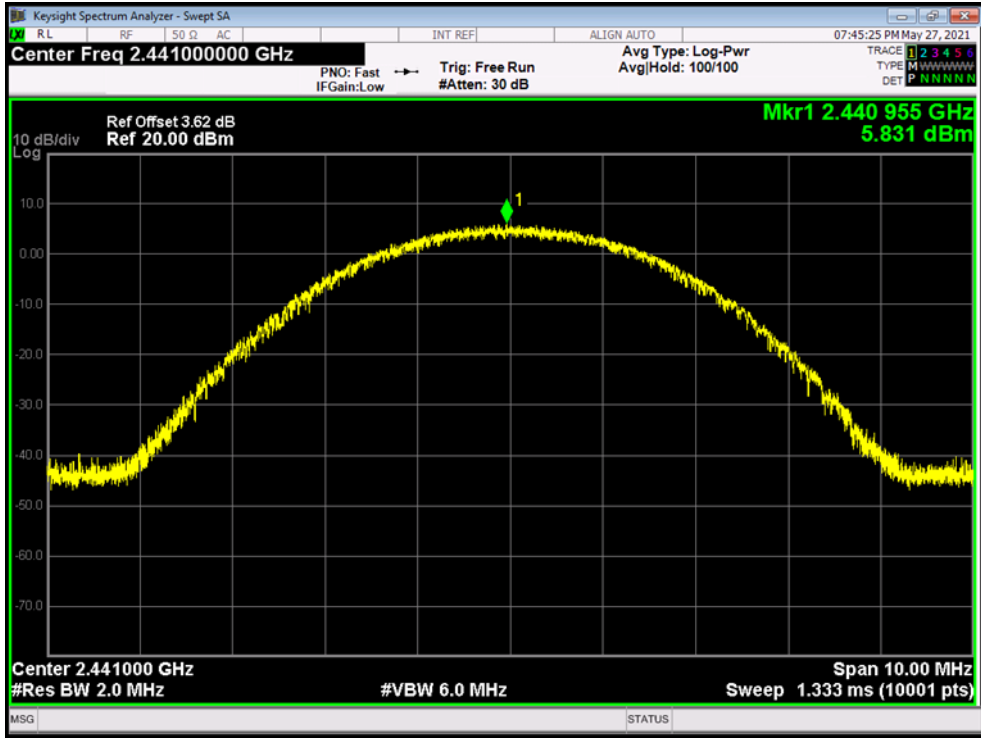
**8DPSK TX Mode**

**2402 MHz**



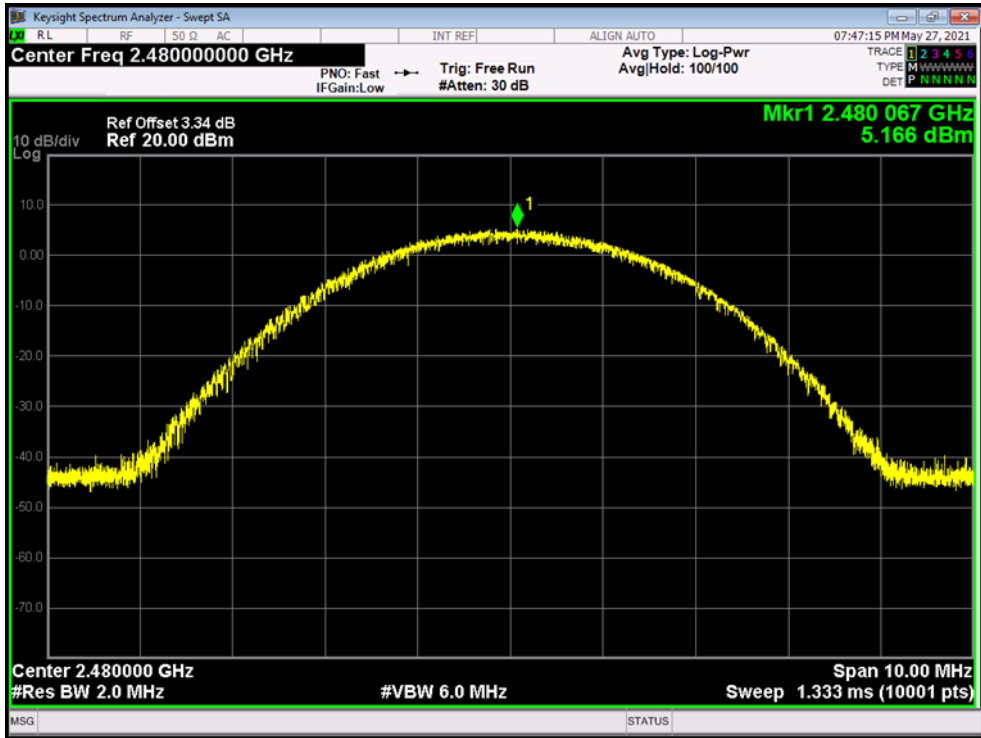
**8DPSK TX Mode**

**2441 MHz**



**8DPSK TX Mode**

**2480 MHz**



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