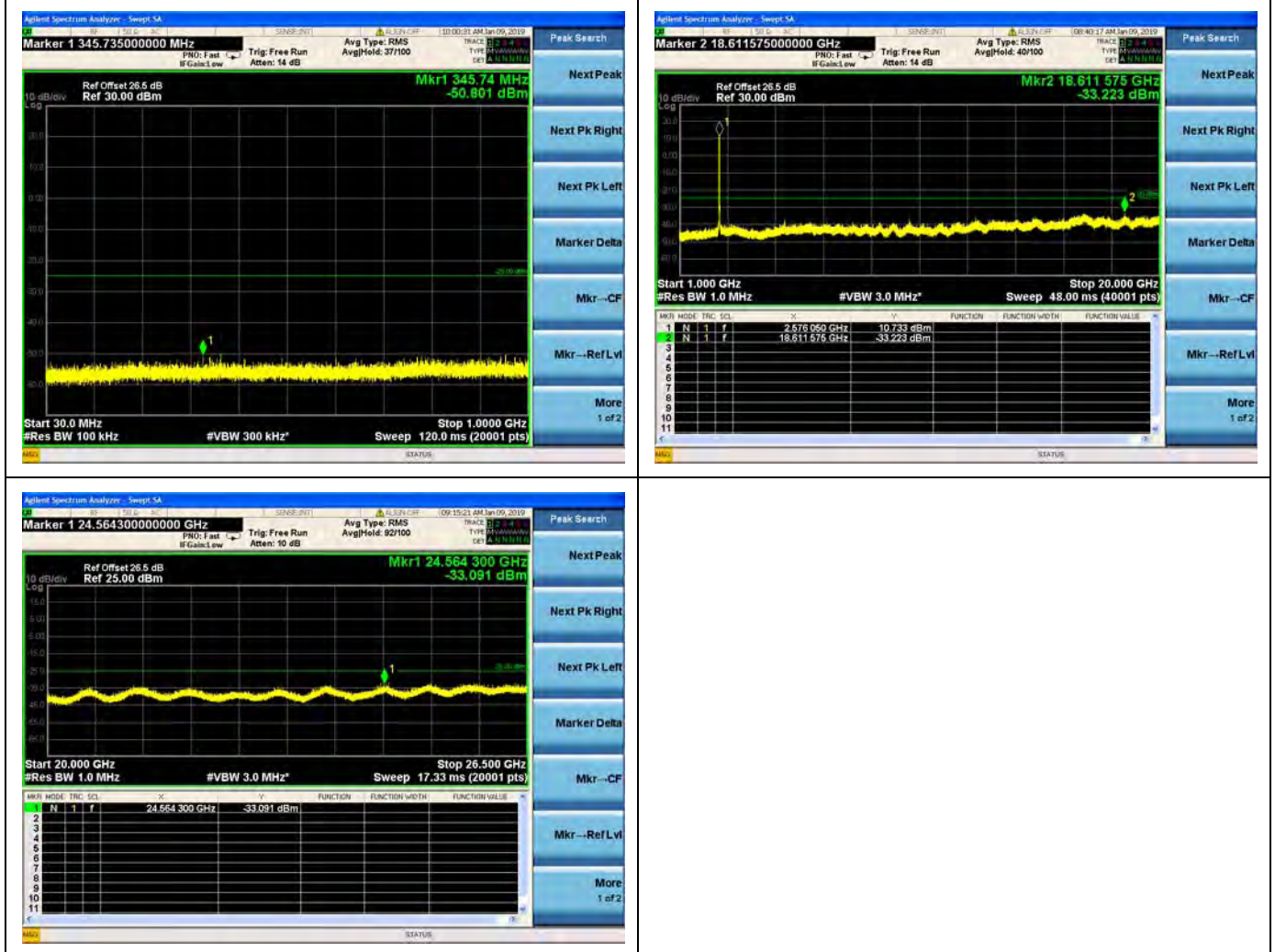




## LTE Band 38 20MHz BW Low Channel

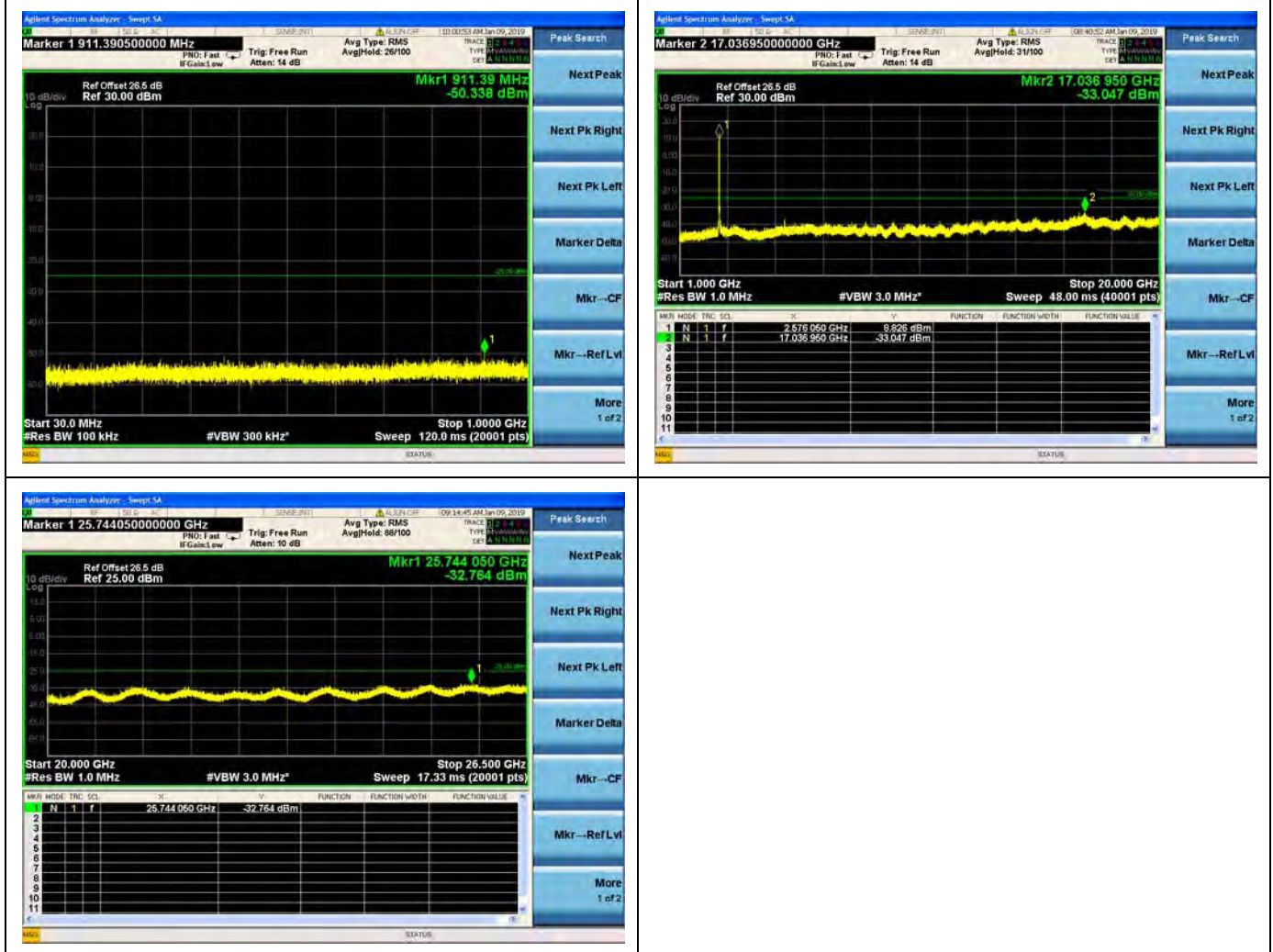
## QPSK





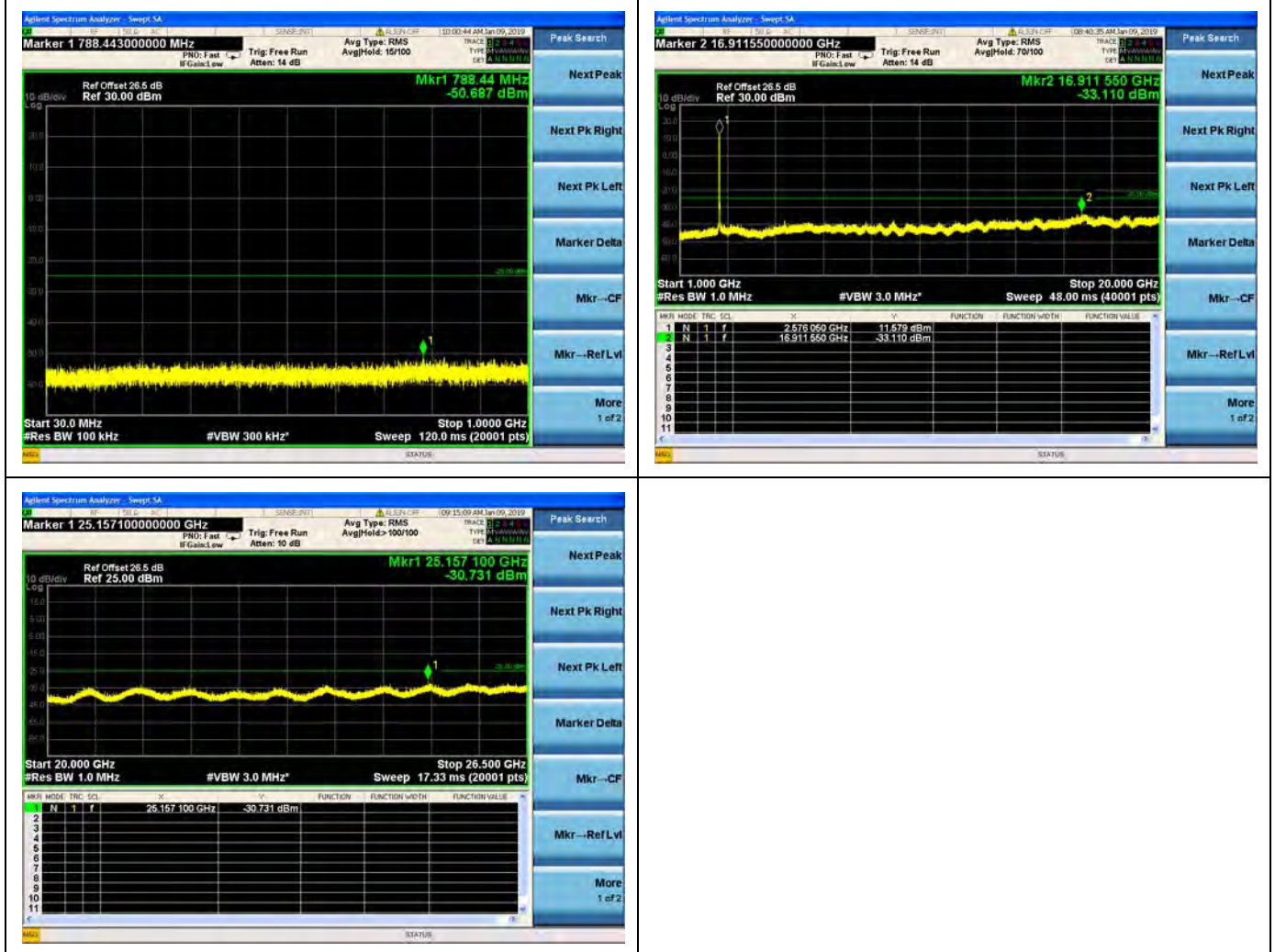
## LTE Band 38 20MHz BW Low Channel

## 16QAM





LTE Band 38 20MHz BW Low Channel  
64QAM

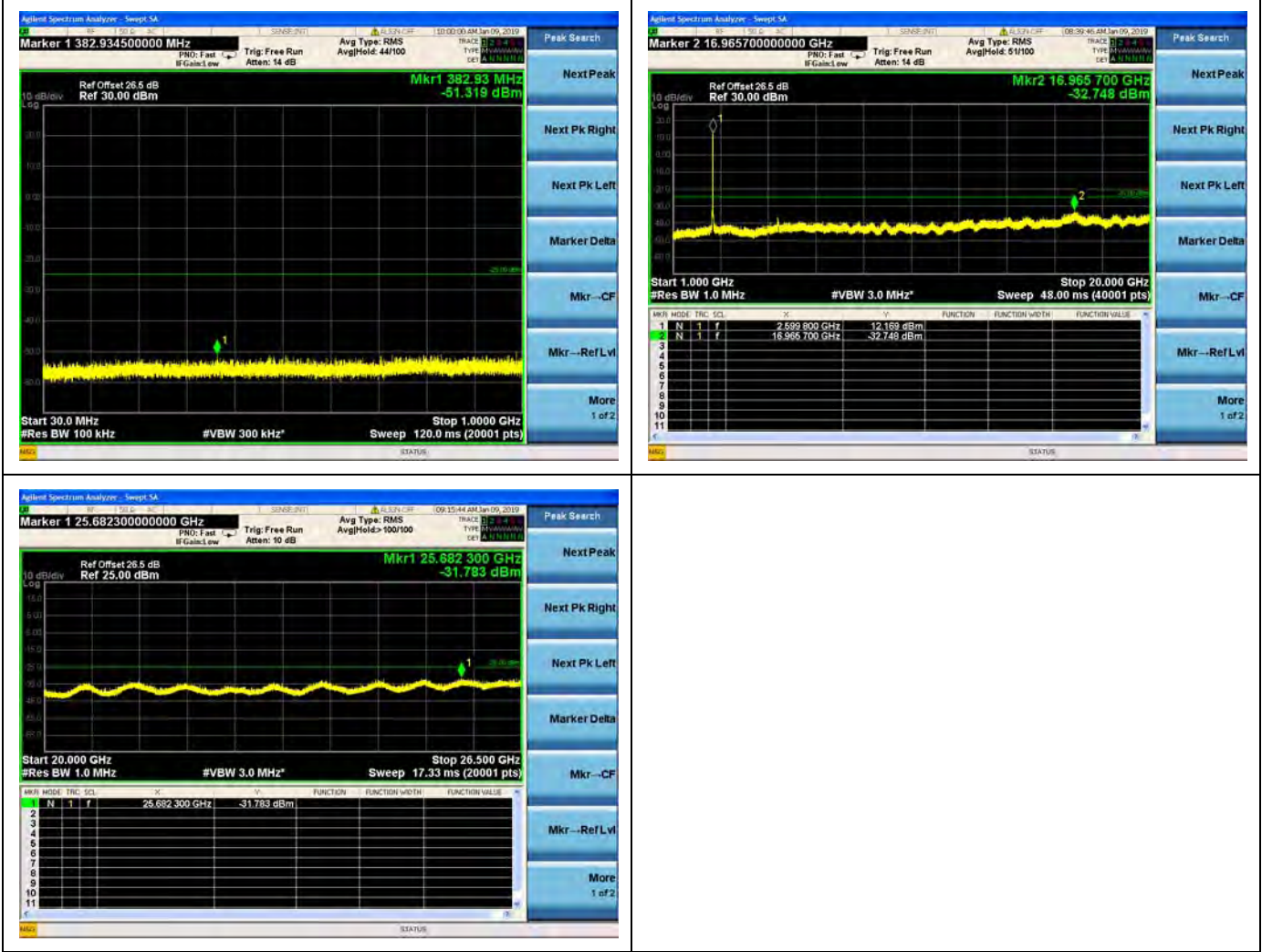






LTE Band 38    20MHz BW    Mid Channel

QPSK



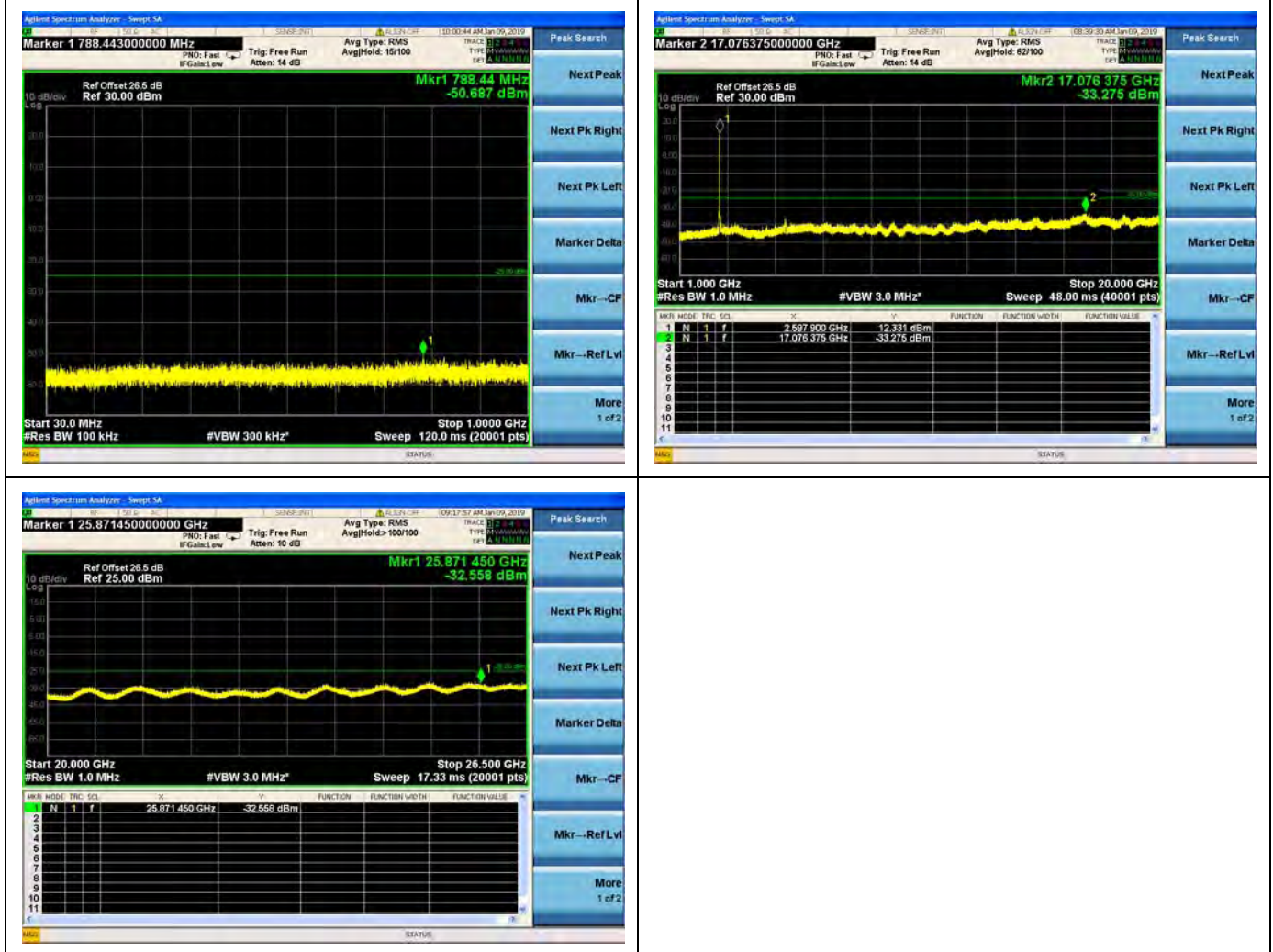


LTE Band 38    20MHz BW    Mid Channel  
16QAM





LTE Band 38 20MHz BW Mid Channel  
64QAM





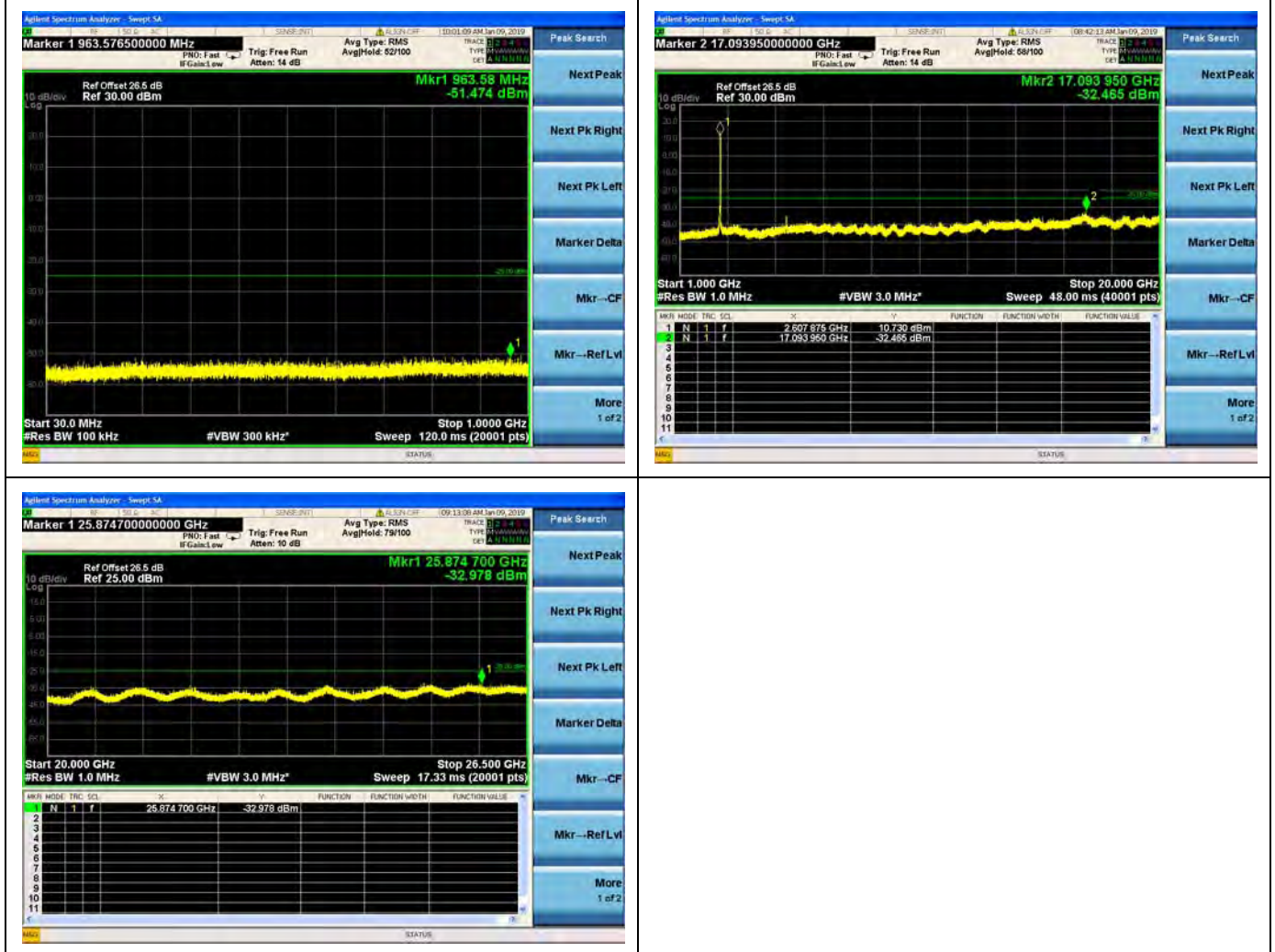


LTE Band 38 20MHz BW High Channel  
QPSK





LTE Band 38 20MHz BW High Channel  
16QAM







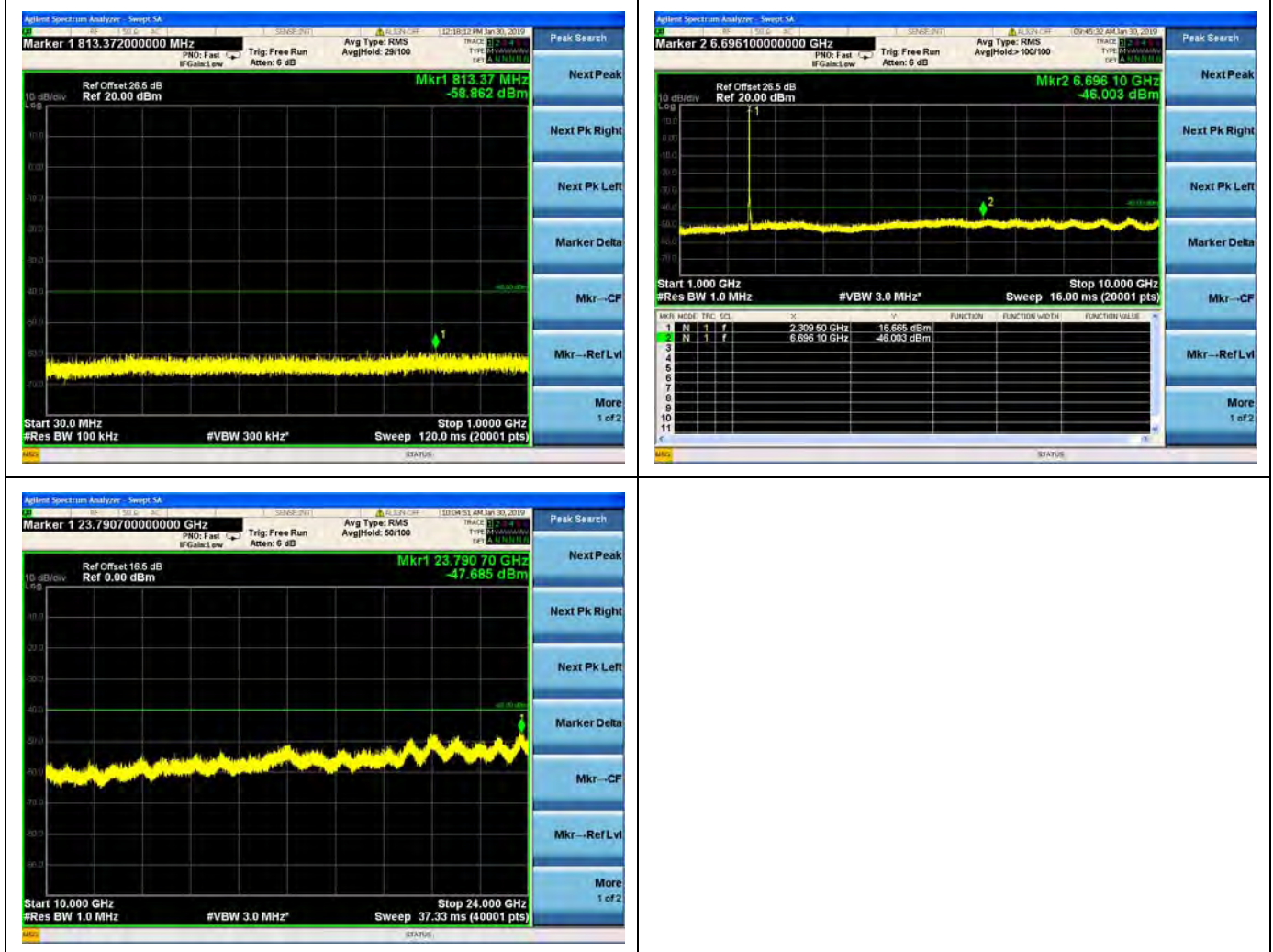
LTE Band 38 20MHz BW High Channel  
64QAM





## LTE Band 40 Block A 5MHz BW Low Channel

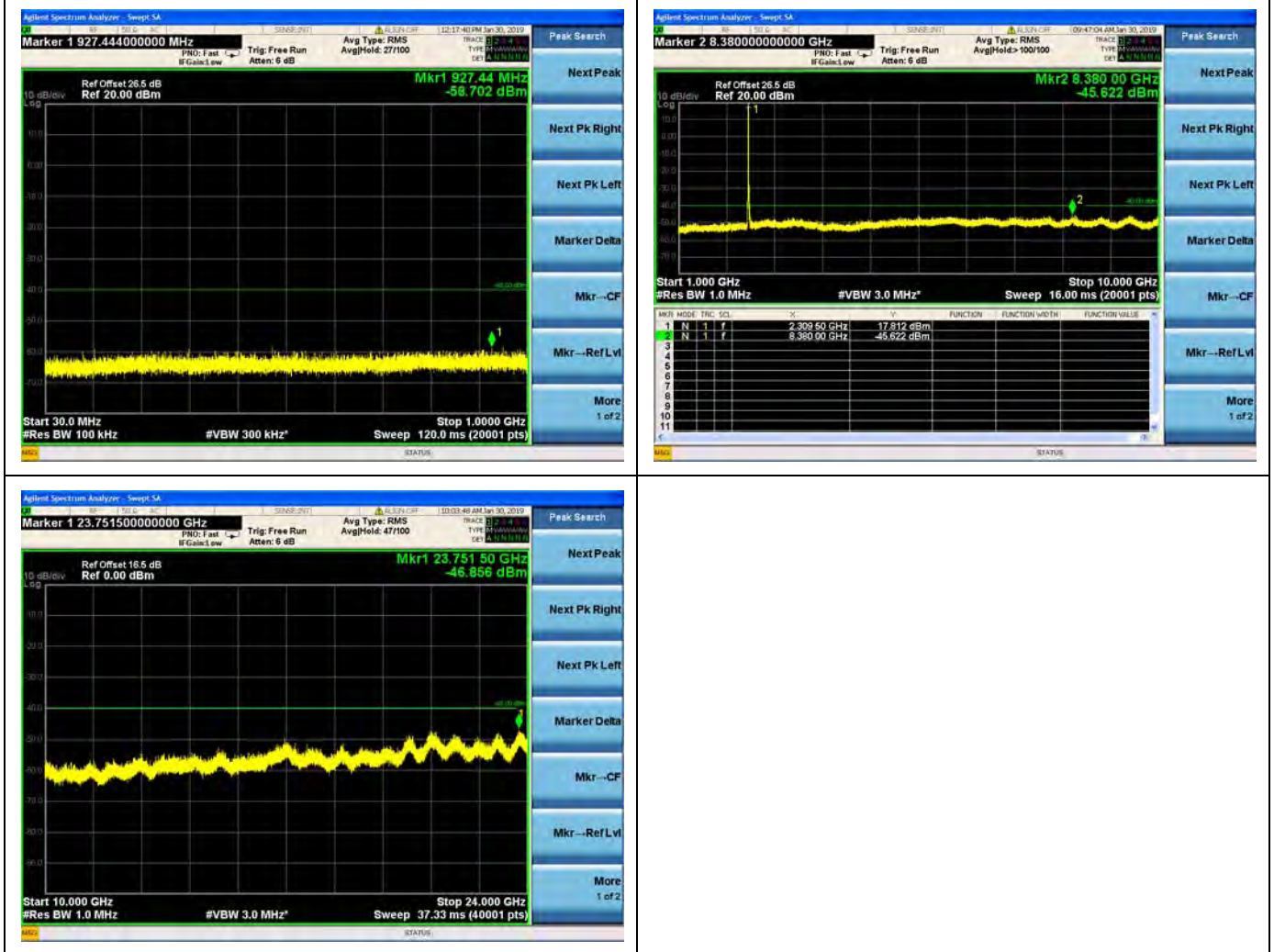
## QPSK





LTE Band 40 Block A 5MHz BW Low Channel

16QAM

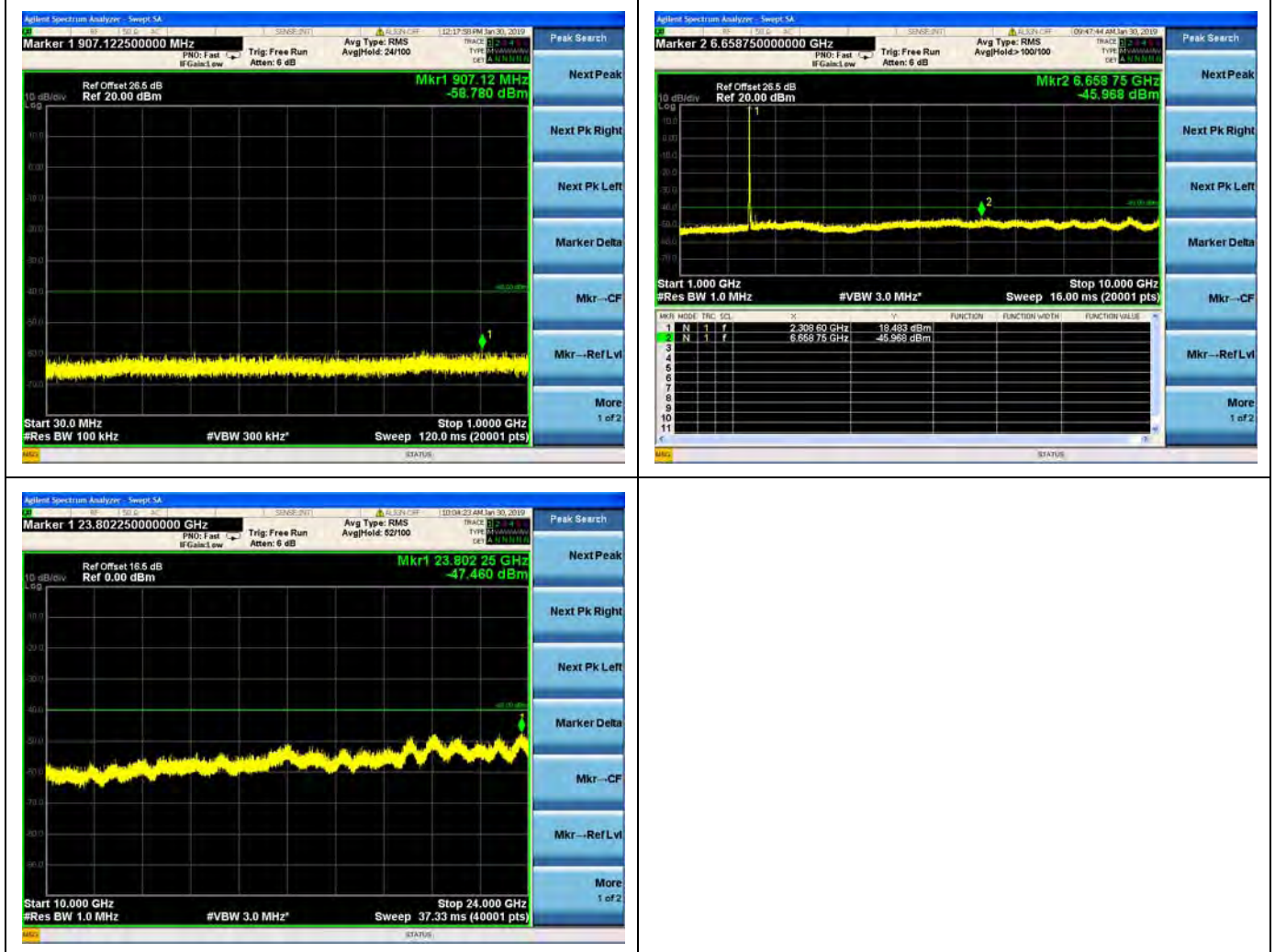






## LTE Band 40 Block A 5MHz BW Low Channel

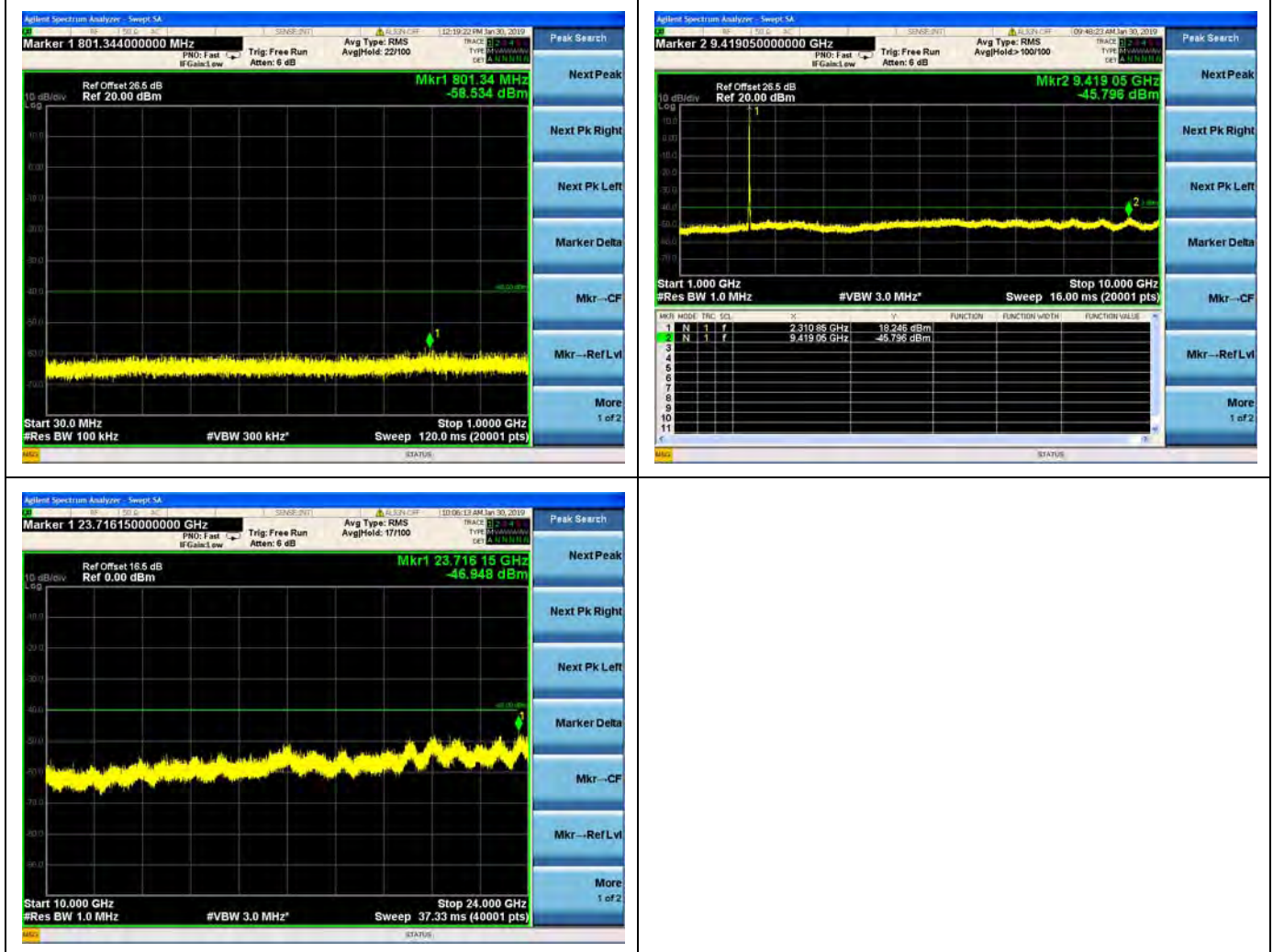
## 64QAM





## LTE Band 40 Block A 5MHz BW Mid Channel

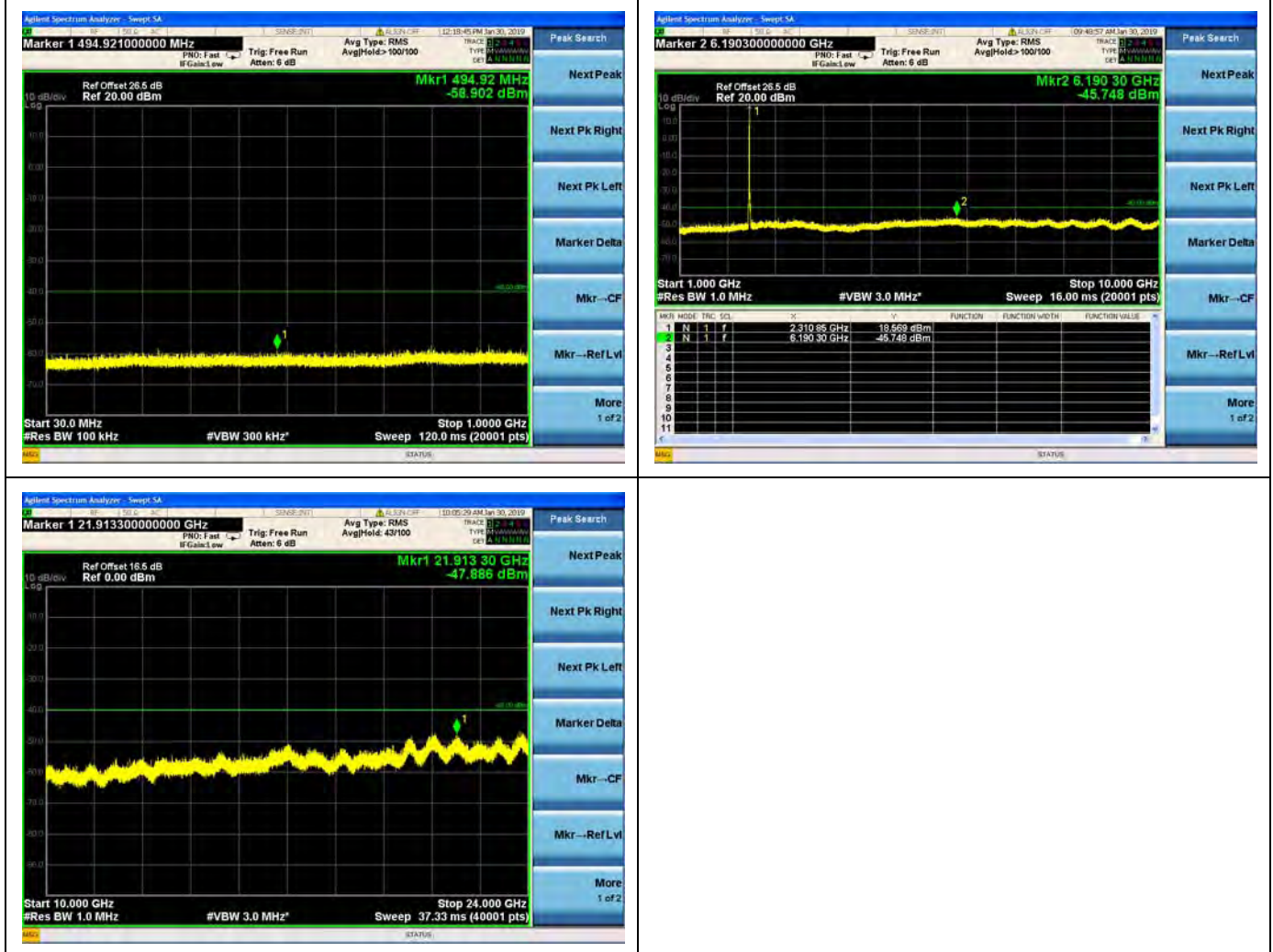
## QPSK





## LTE Band 40 Block A 5MHz BW Mid Channel

## 16QAM

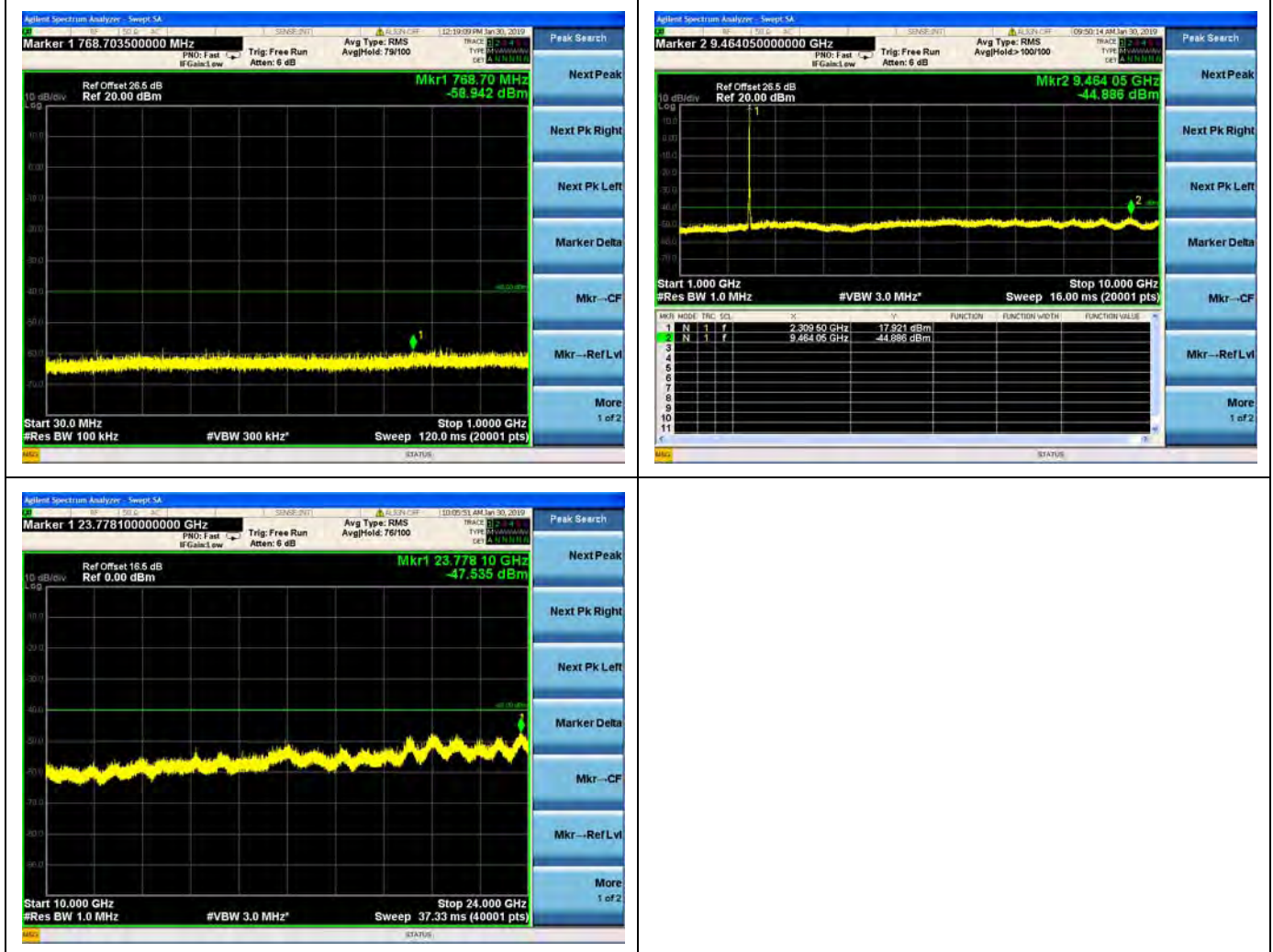






## LTE Band 40 Block A 5MHz BW Mid Channel

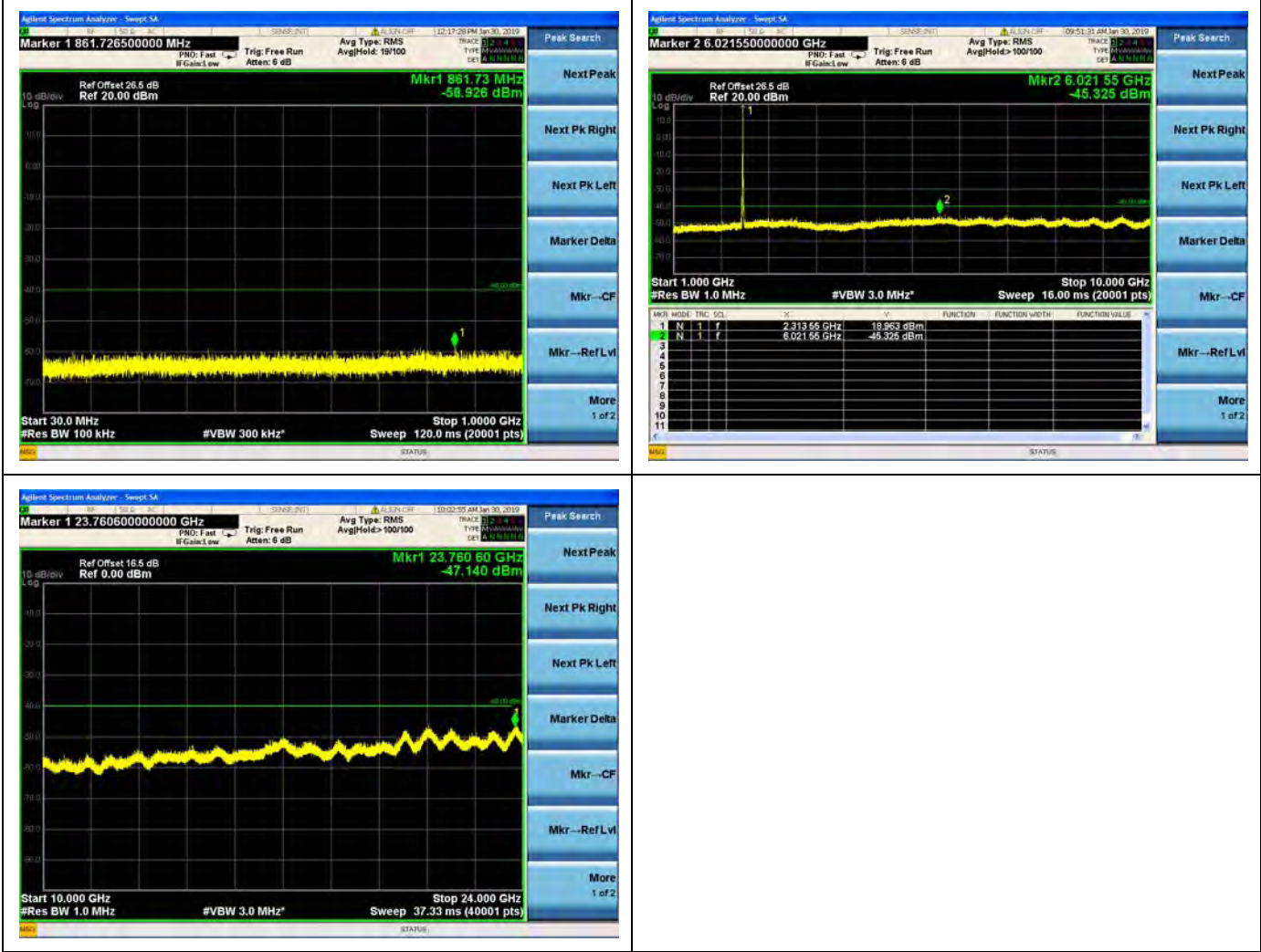
## 64QAM





LTE Band 40 Block A    5MHz BW    High Channel

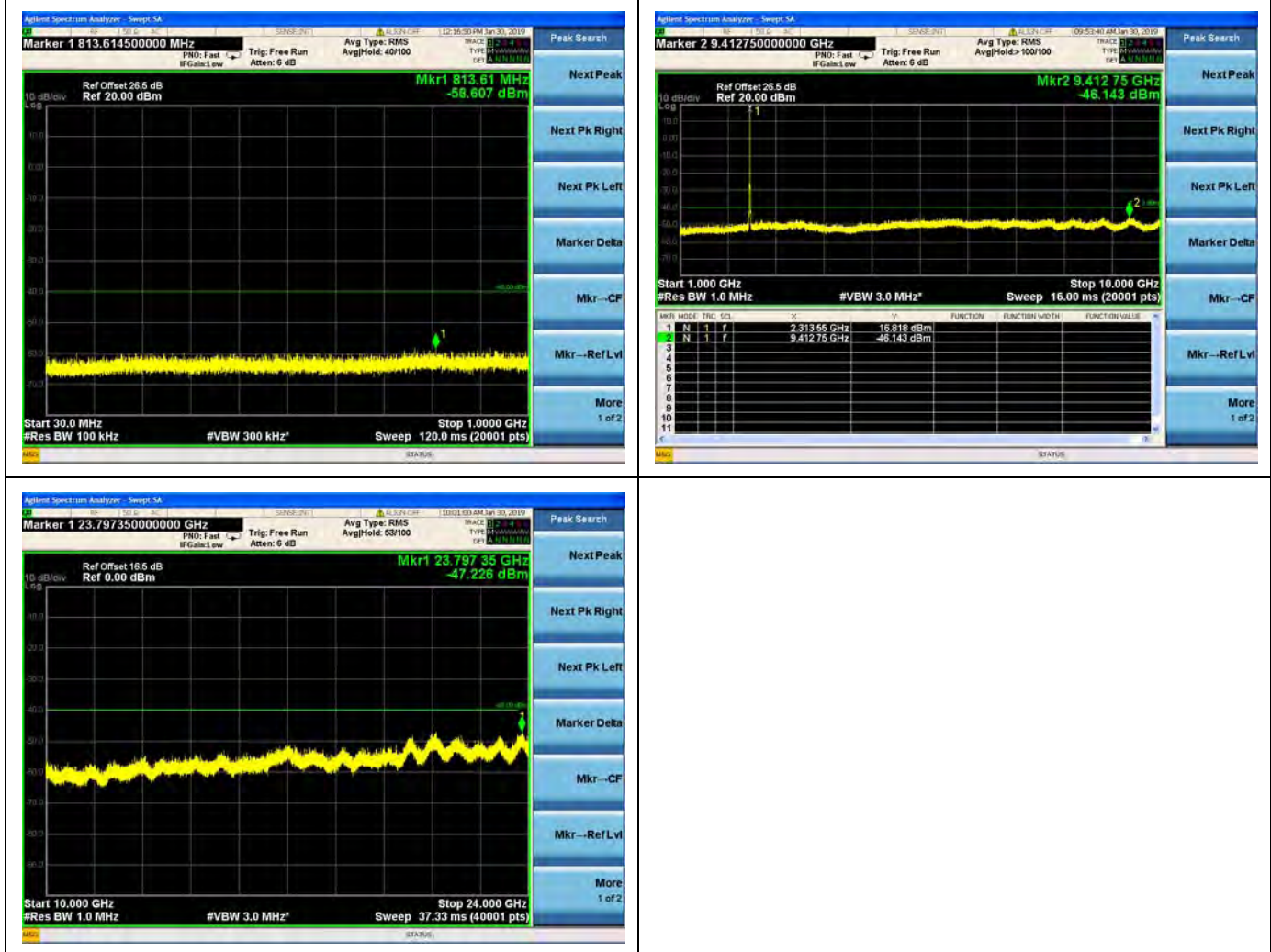
QPSK





## LTE Band 40 Block A 5MHz BW High Channel

## 16QAM

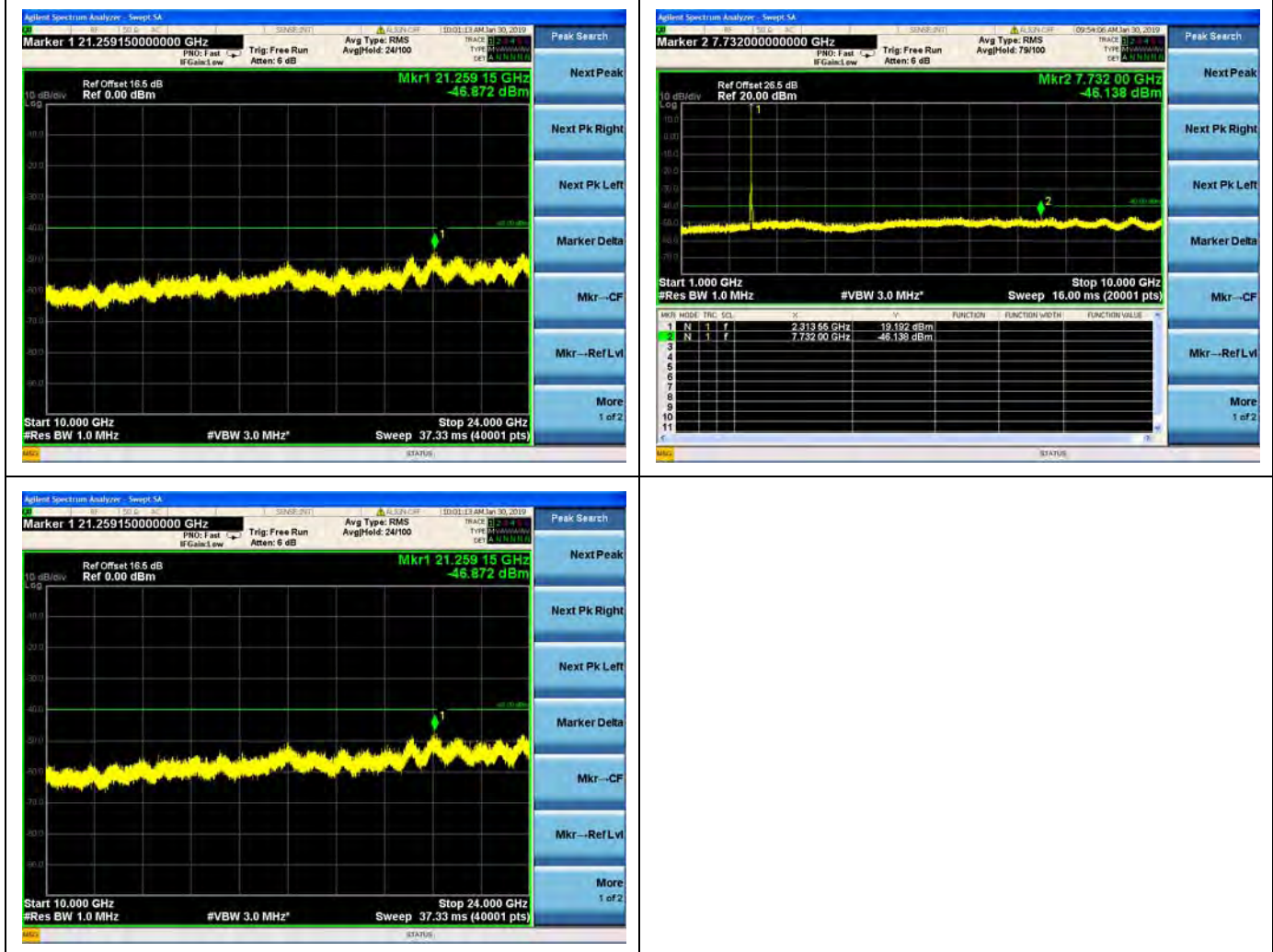






## LTE Band 40 Block A 5MHz BW High Channel

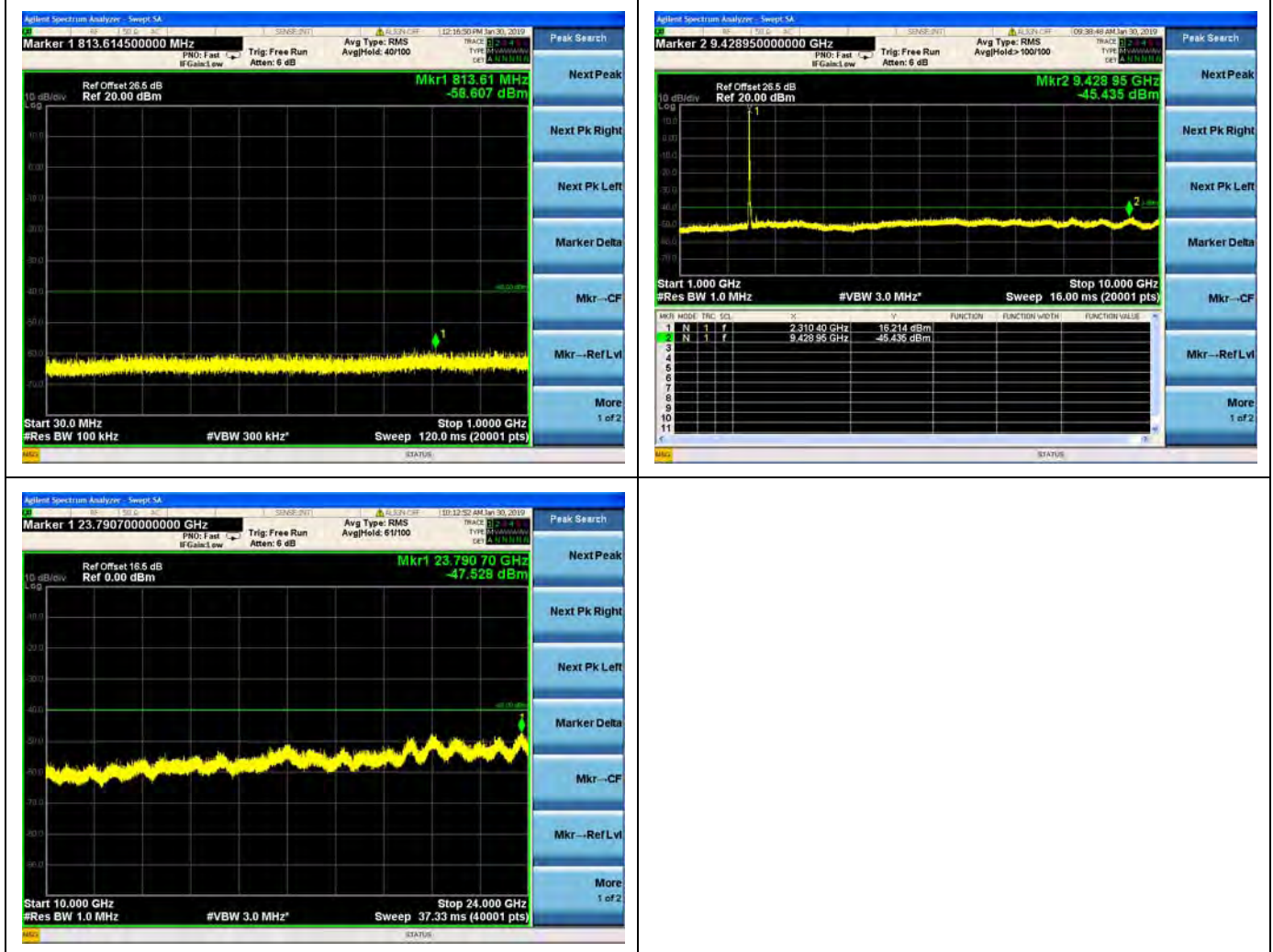
## 64QAM





## LTE Band 40 Block A 10MHz BW Mid Channel

## QPSK





## LTE Band 40 Block A 10MHz BW Mid Channel

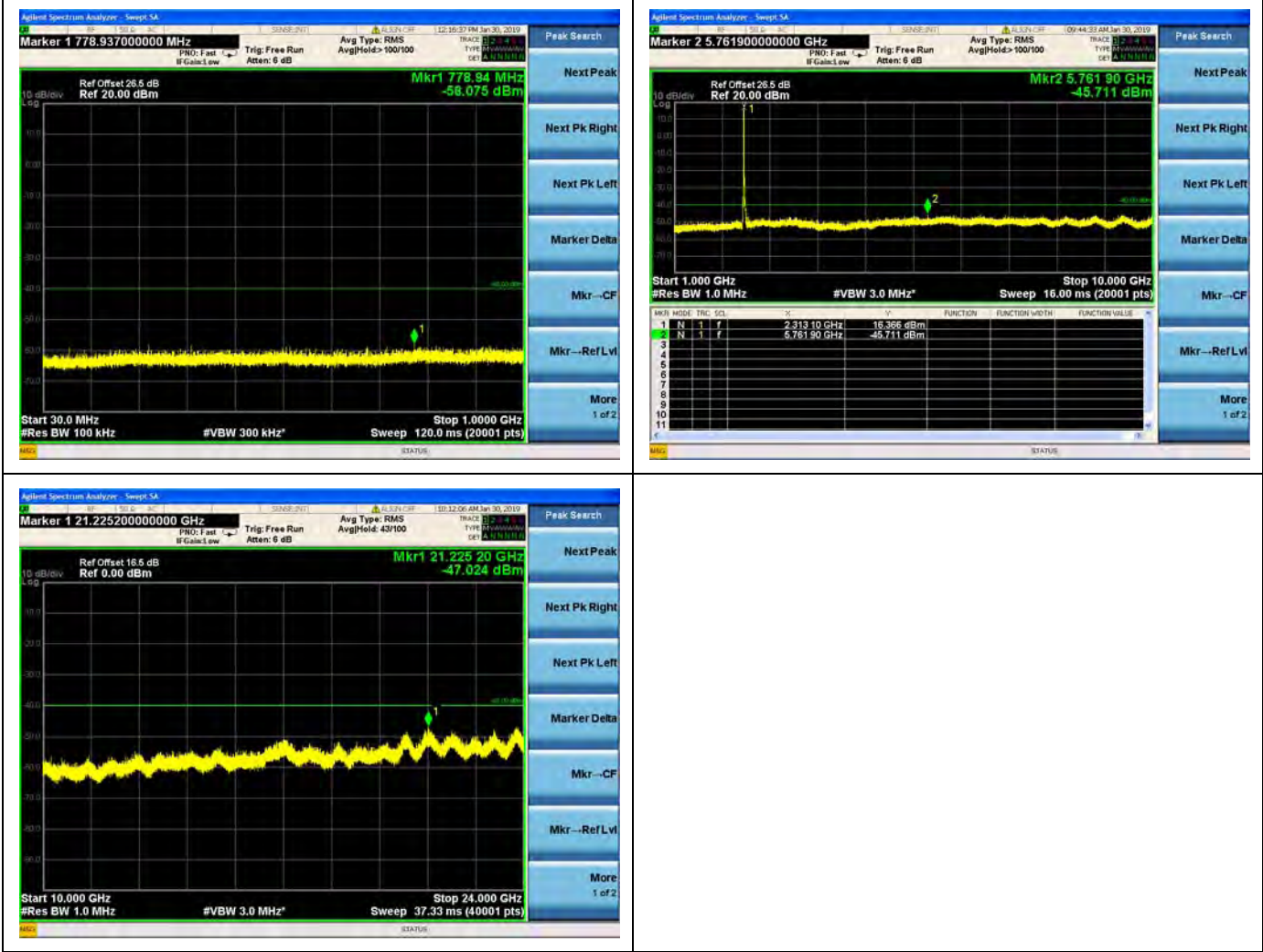
## 16QAM







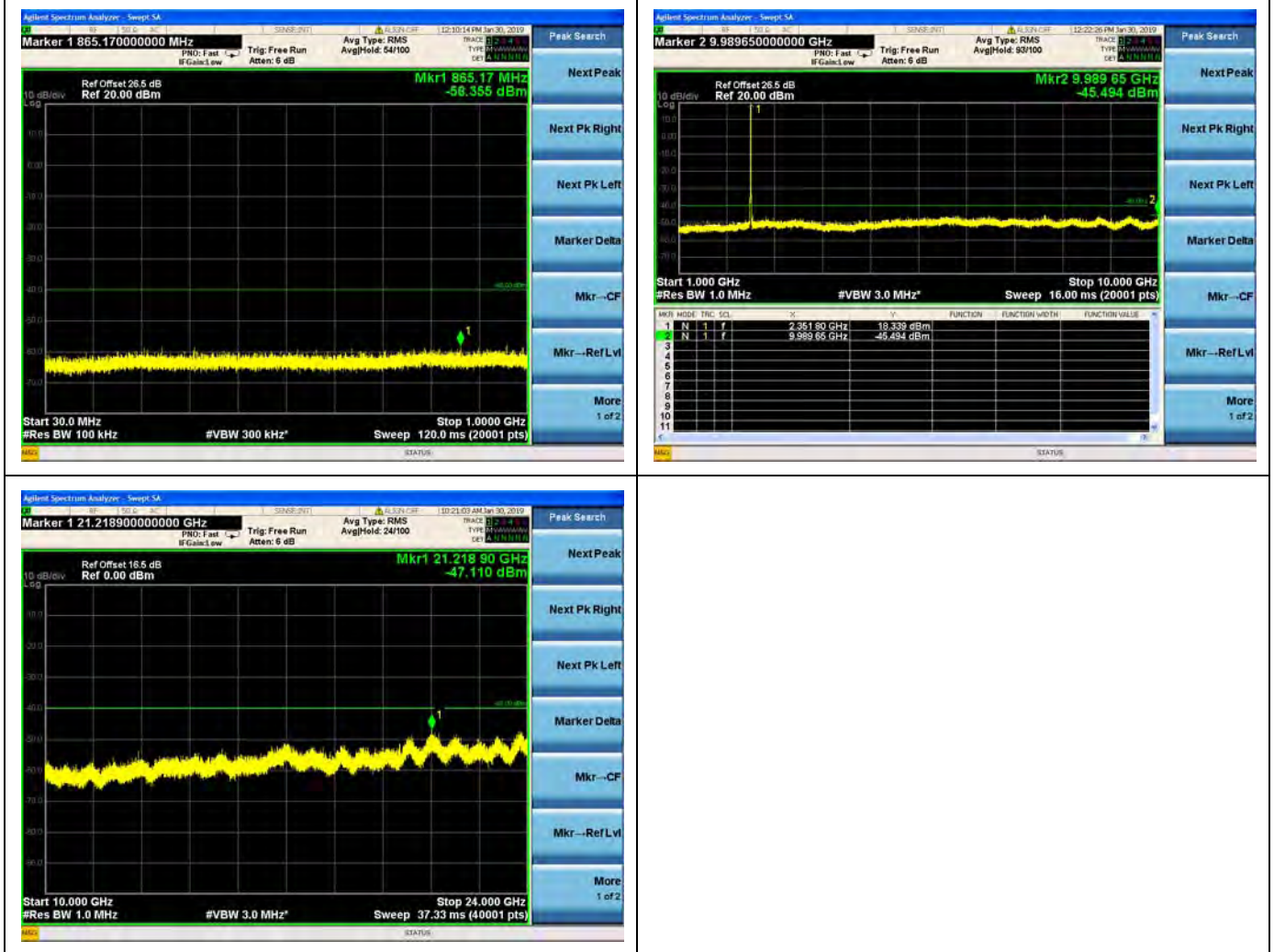
LTE Band 40 Block A    10MHz BW    Mid Channel  
64QAM





LTE Band 40 Block B 5MHz BW Low Channel

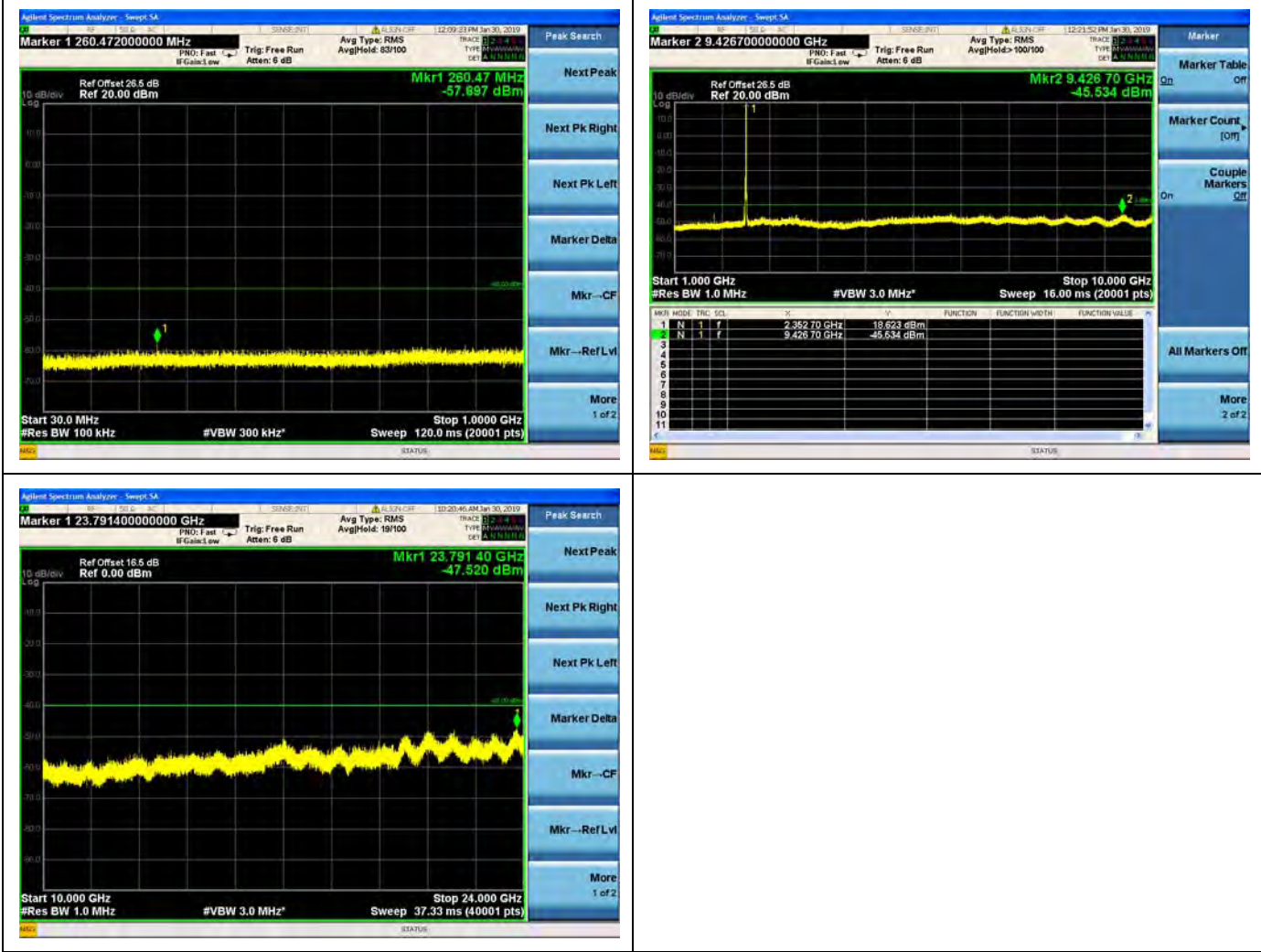
QPSK





LTE Band 40 Block B    5MHz BW    Low Channel

16QAM







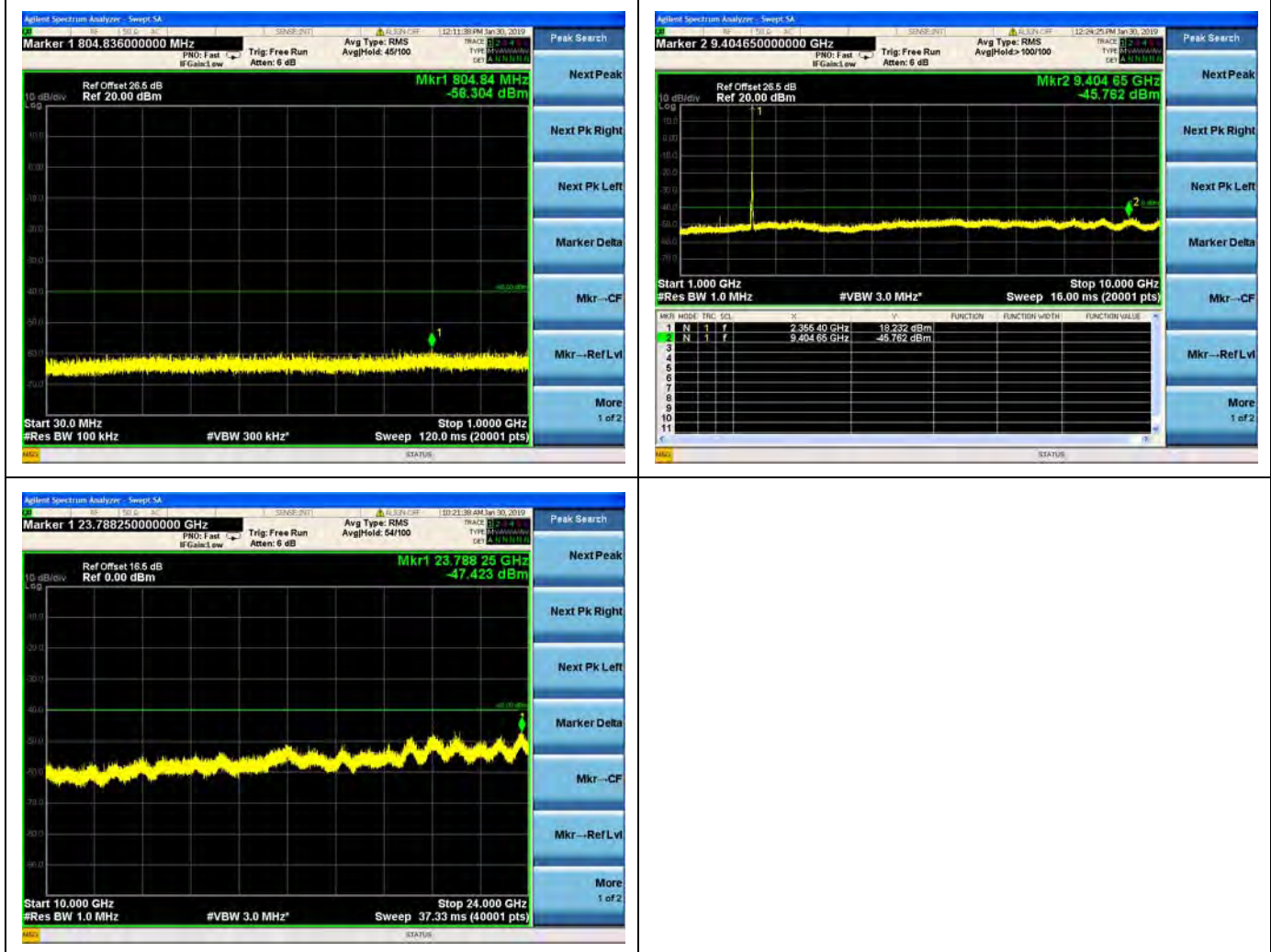
## 64QAM

ROW	MODE	THz	GHz	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2 351.36 GHz	17.994 dBm	
2	N	1	f	9 435.25 GHz	-45.123 dBm	
3						
4						
5						
6						
7						
8						
9						
10						
11						



## LTE Band 40 Block B 5MHz BW Mid Channel

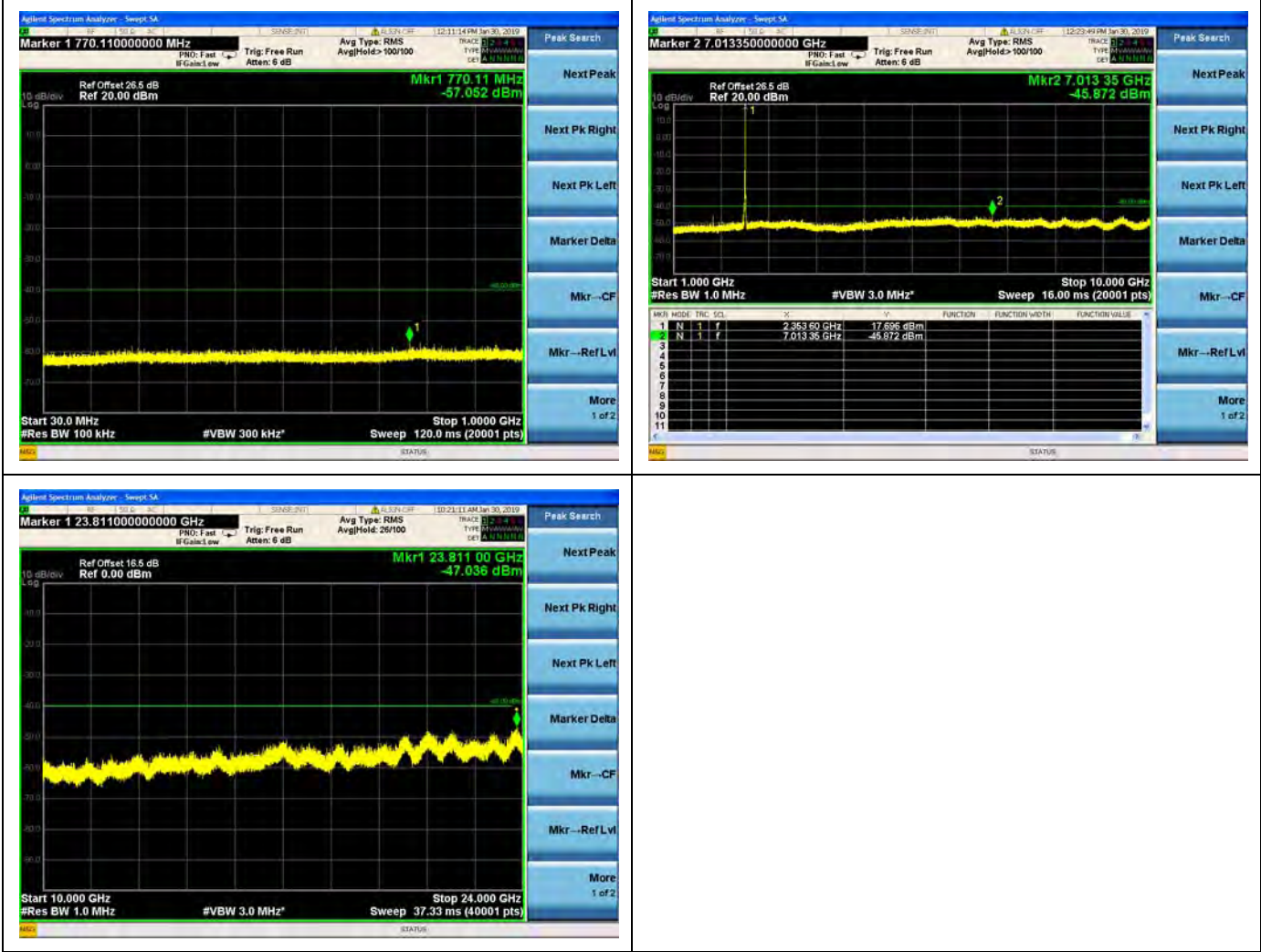
## QPSK





LTE Band 40 Block B    5MHz BW    Mid Channel

16QAM

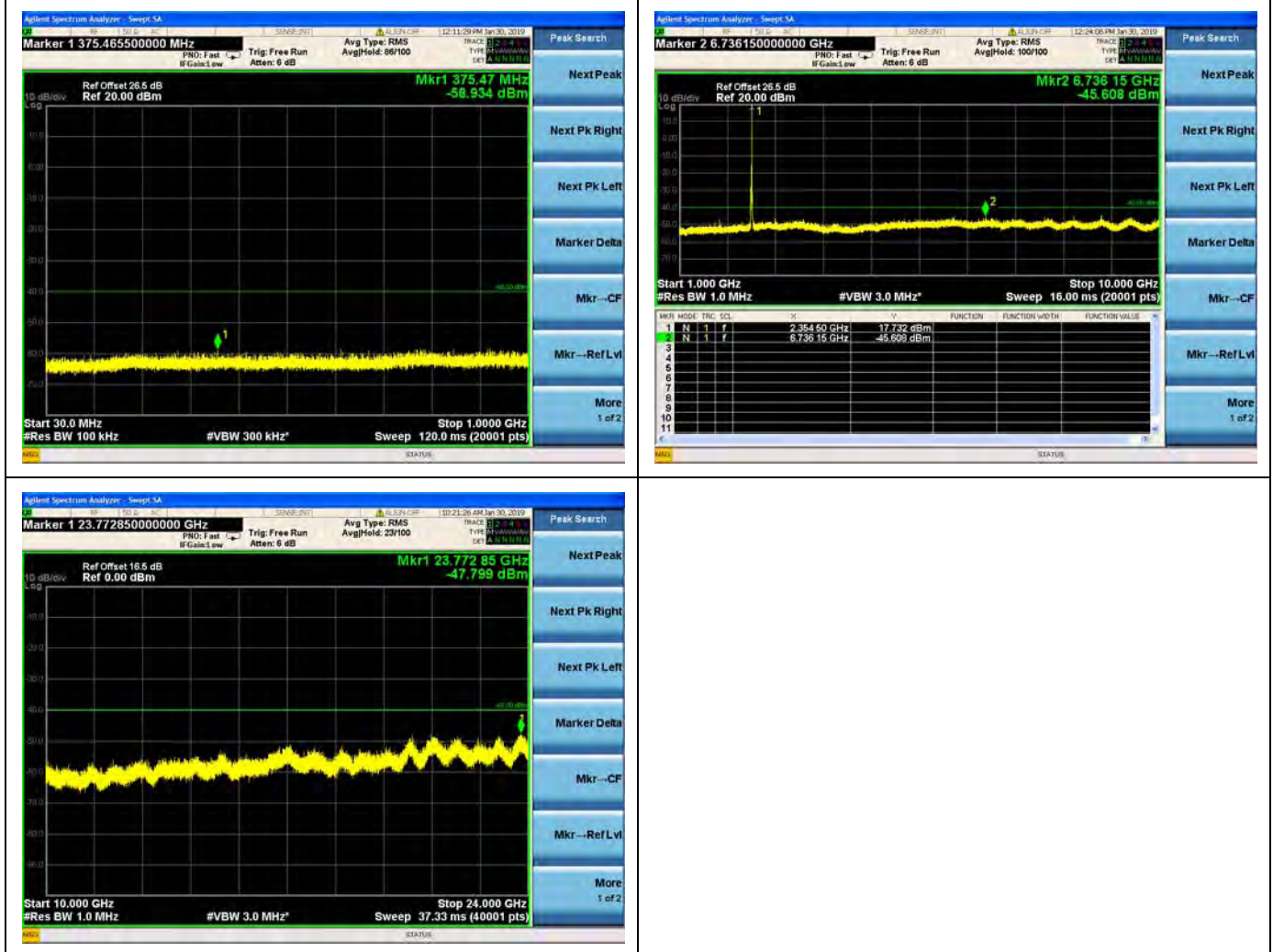






## LTE Band 40 Block B 5MHz BW Mid Channel

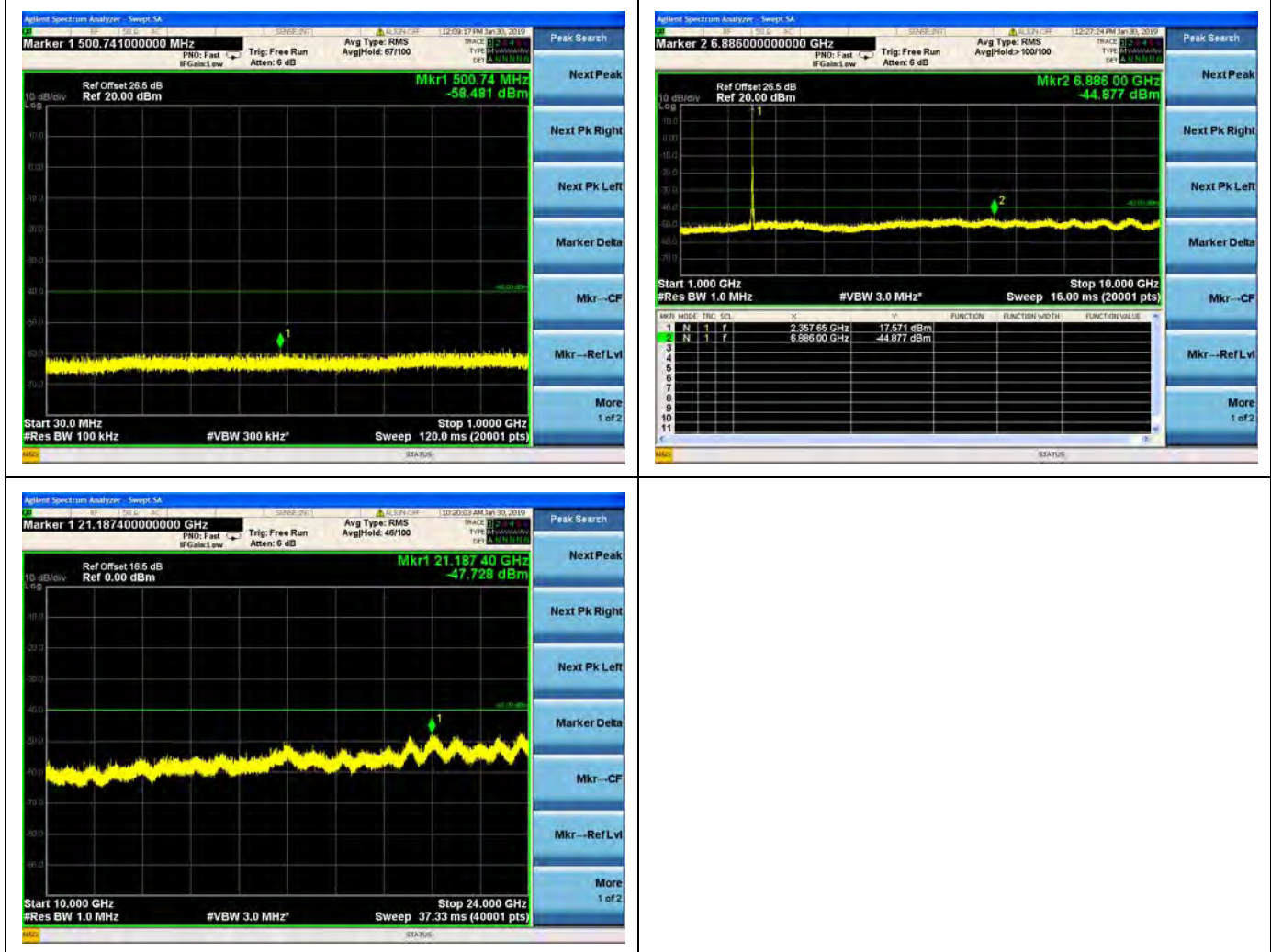
## 64QAM





## LTE Band 40 Block B 5MHz BW High Channel

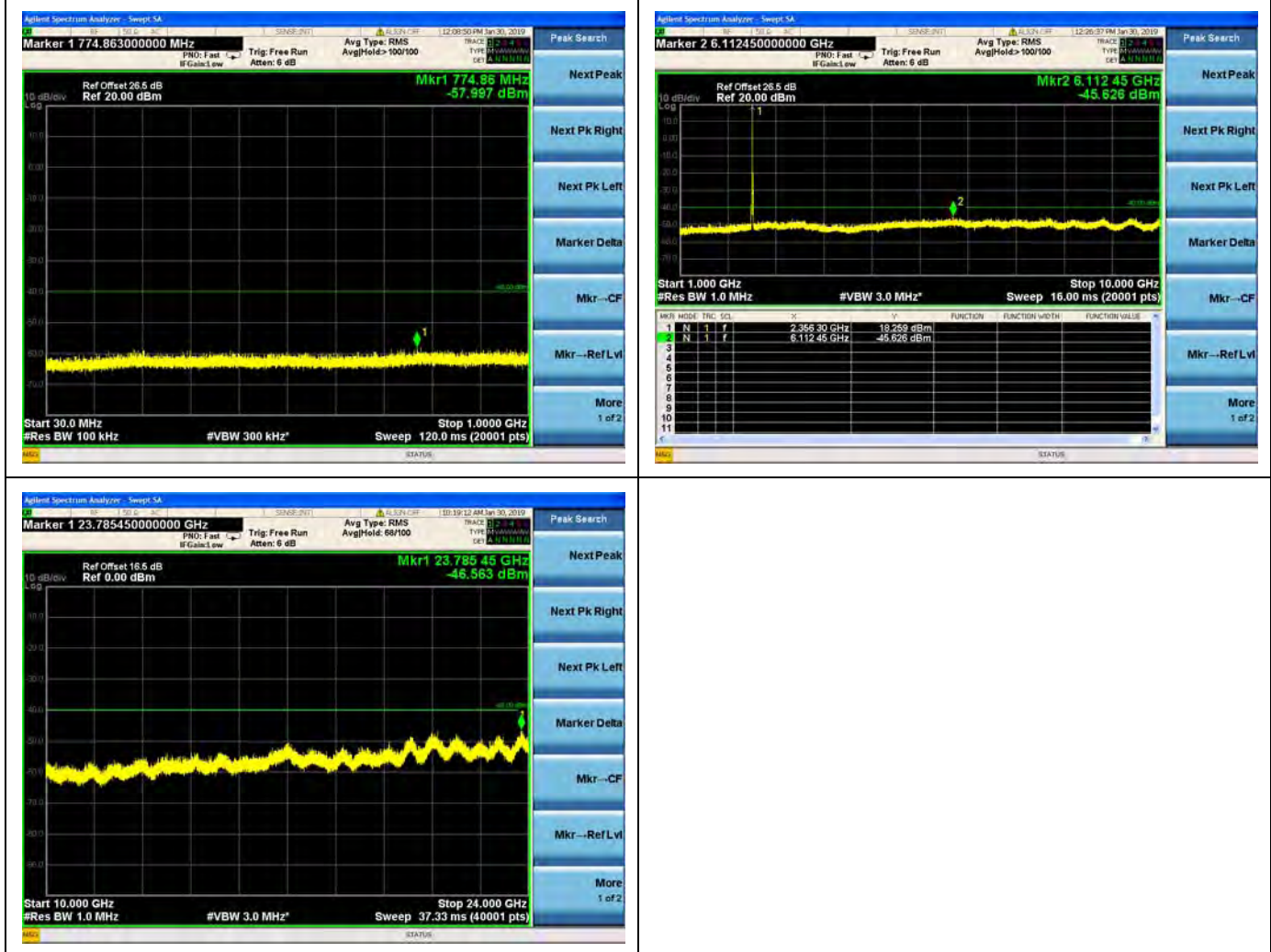
## QPSK





## LTE Band 40 Block B 5MHz BW High Channel

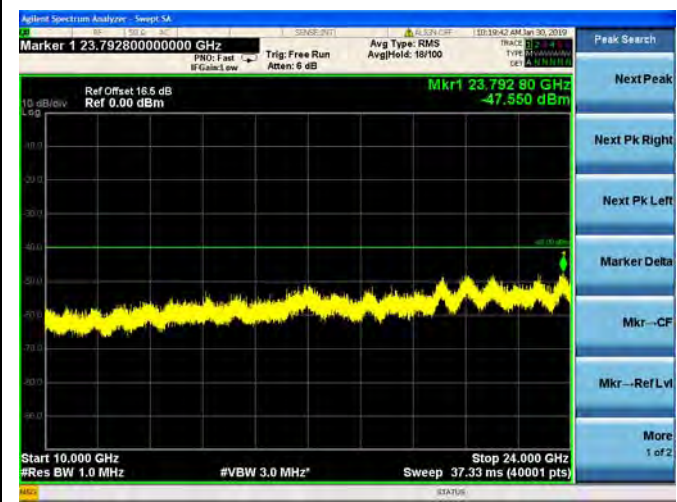
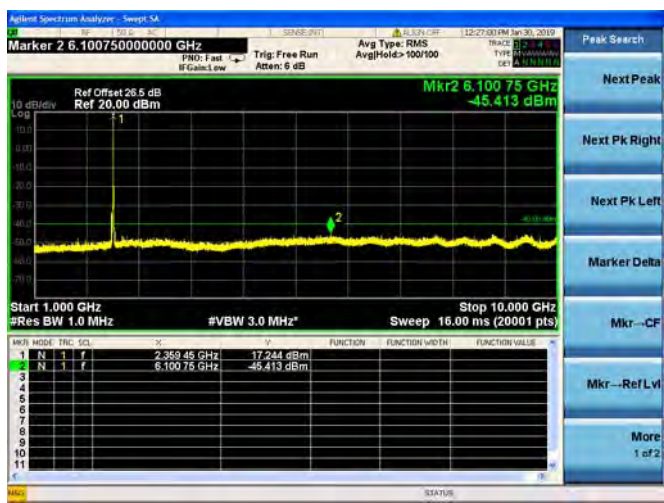
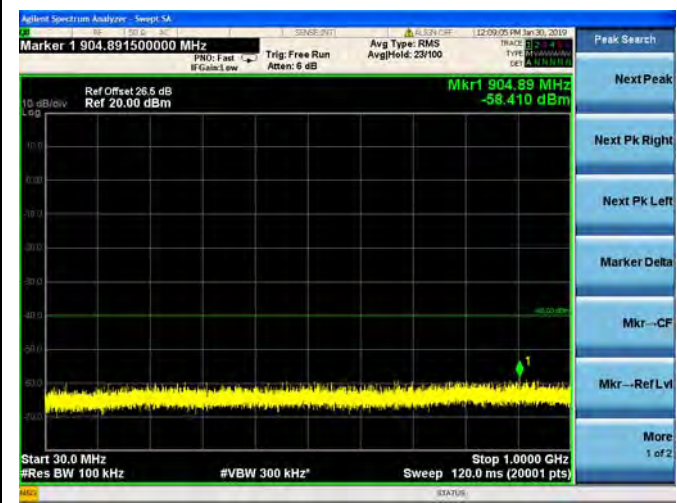
## 16QAM







LTE Band 40 Block B    5MHz BW    High Channel  
64QAM





## LTE Band 40 Block B 10MHz BW Mid Channel

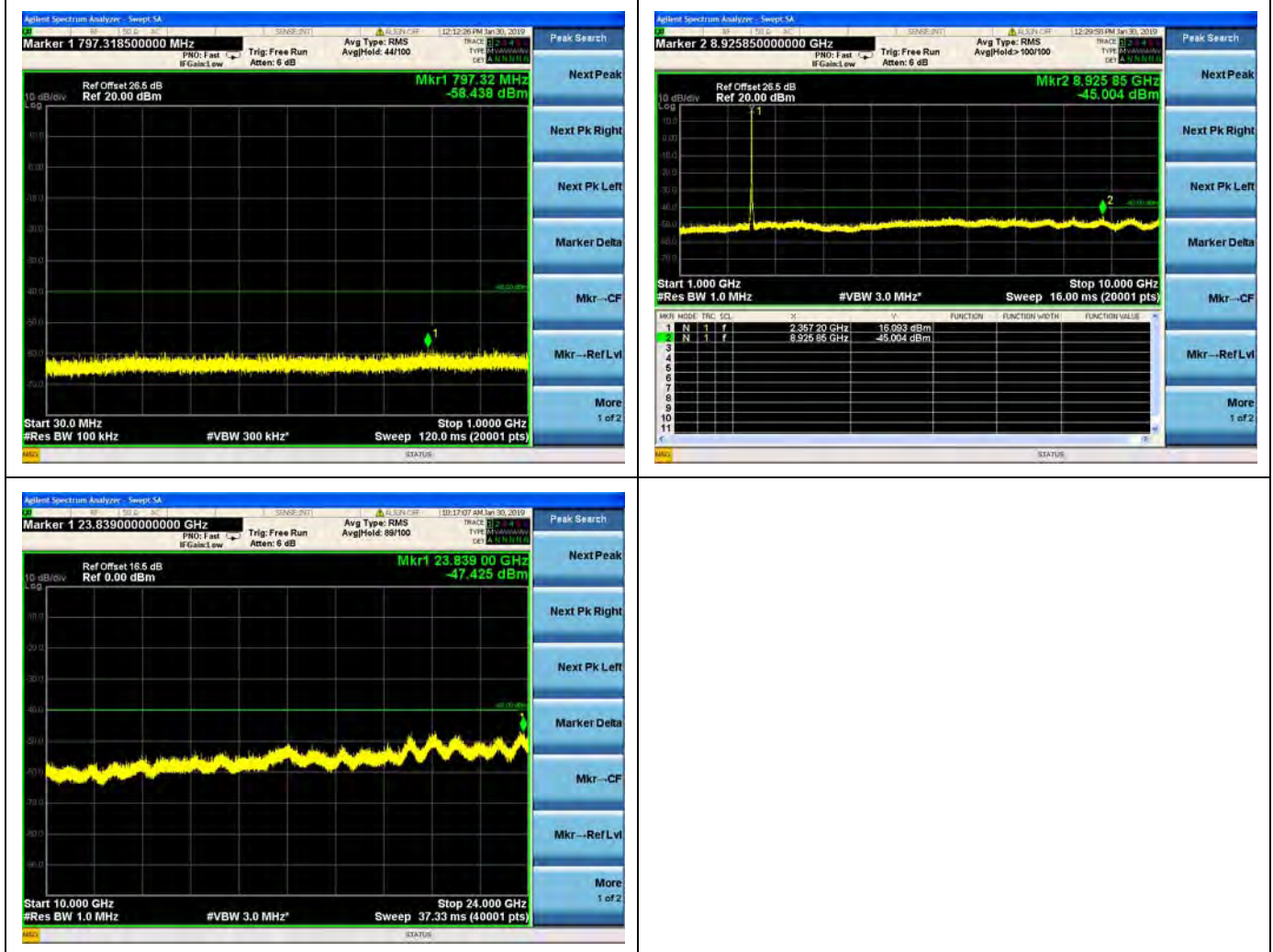
## QPSK





## LTE Band 40 Block B 10MHz BW Mid Channel

## 16QAM







## LTE Band 40 Block B 10MHz BW Mid Channel

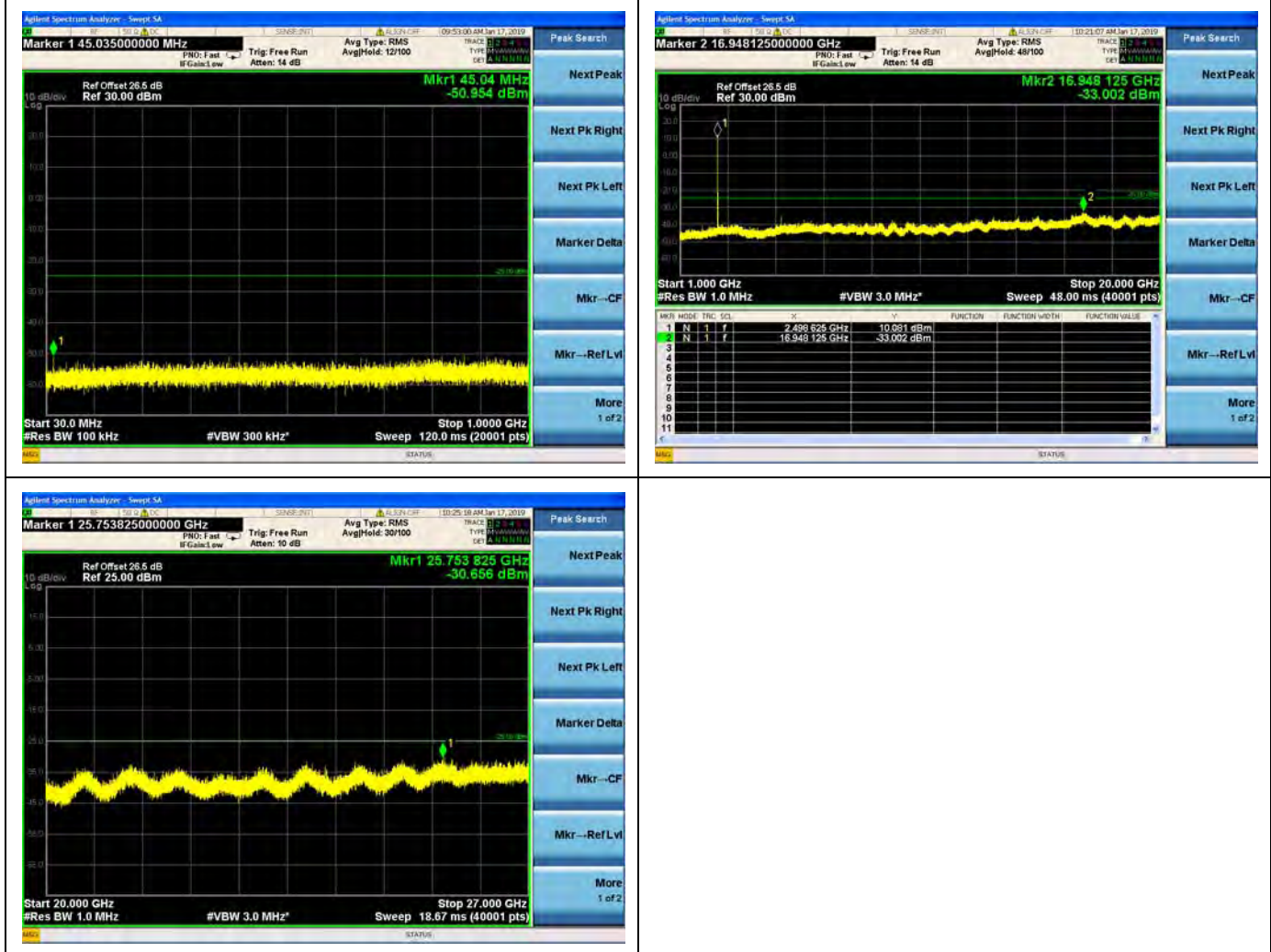
## 64QAM





## LTE Band 41 5MHz BW Low Channel

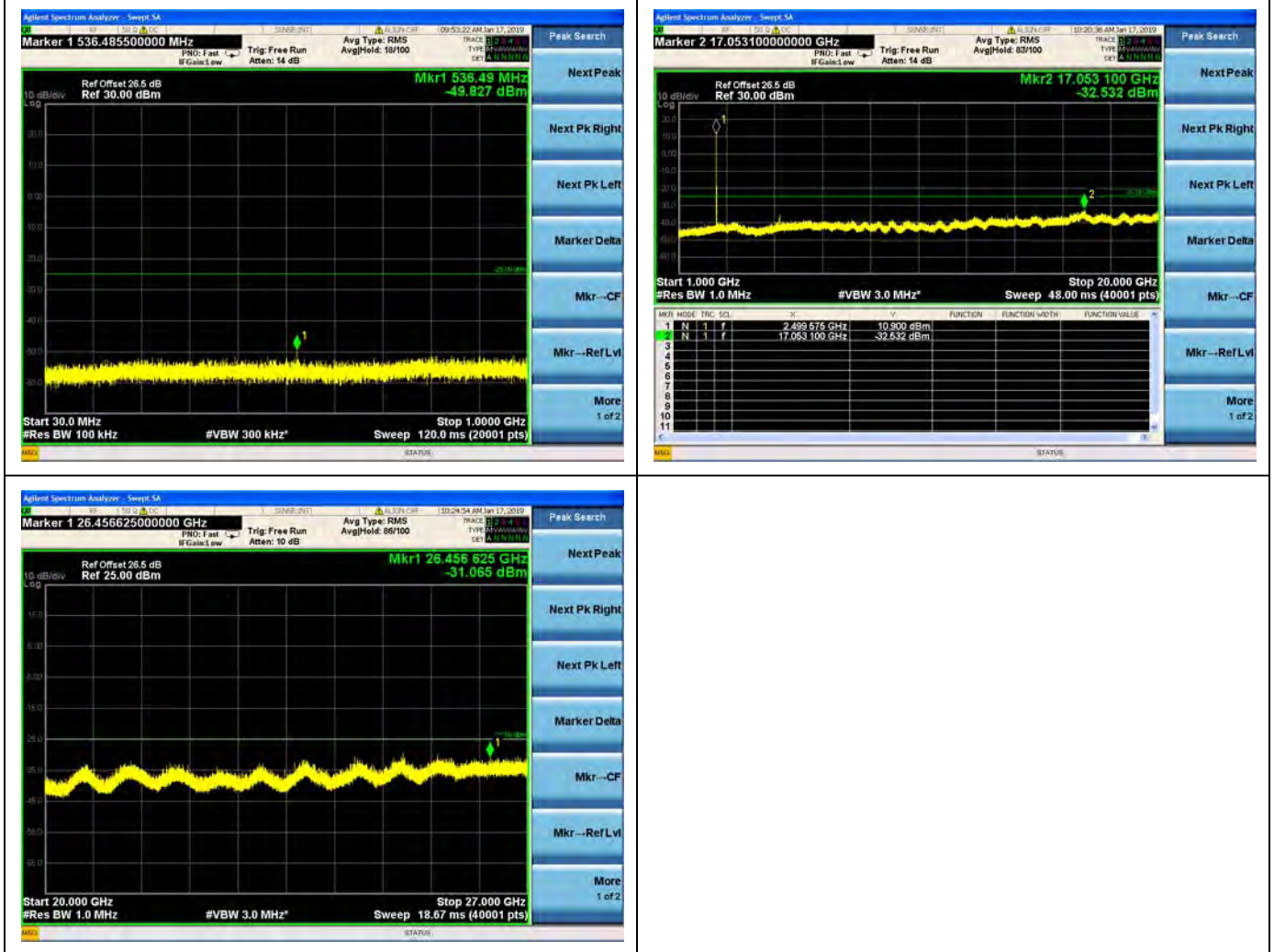
## QPSK





LTE Band 41 5MHz BW Low Channel

16QAM







Agilent Spectrum Analyzer - Sweep SA

Marker 1 25.210275000000 GHz

Ref Offset: 28.5 dB  
Ref 25.00 dBm

Start 20.000 GHz  
#Res BW 1.0 MHz

#VBW 3.0 MHz

Stop 27.000 GHz  
Sweep 18.67 ms (40001 pts)

Mkr1 25.210 275 GHz  
-30.944 dBm

Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

Mkr--CF

Mkr--Ref Lvl

More

1 of 2

WV#	MODE	TRC	CO	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.498 826 GHz	10.859 dBm			
2	N	1	f	17.016 576 GHz	-33.789 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								



## LTE Band 41 5MHz BW Mid Channel

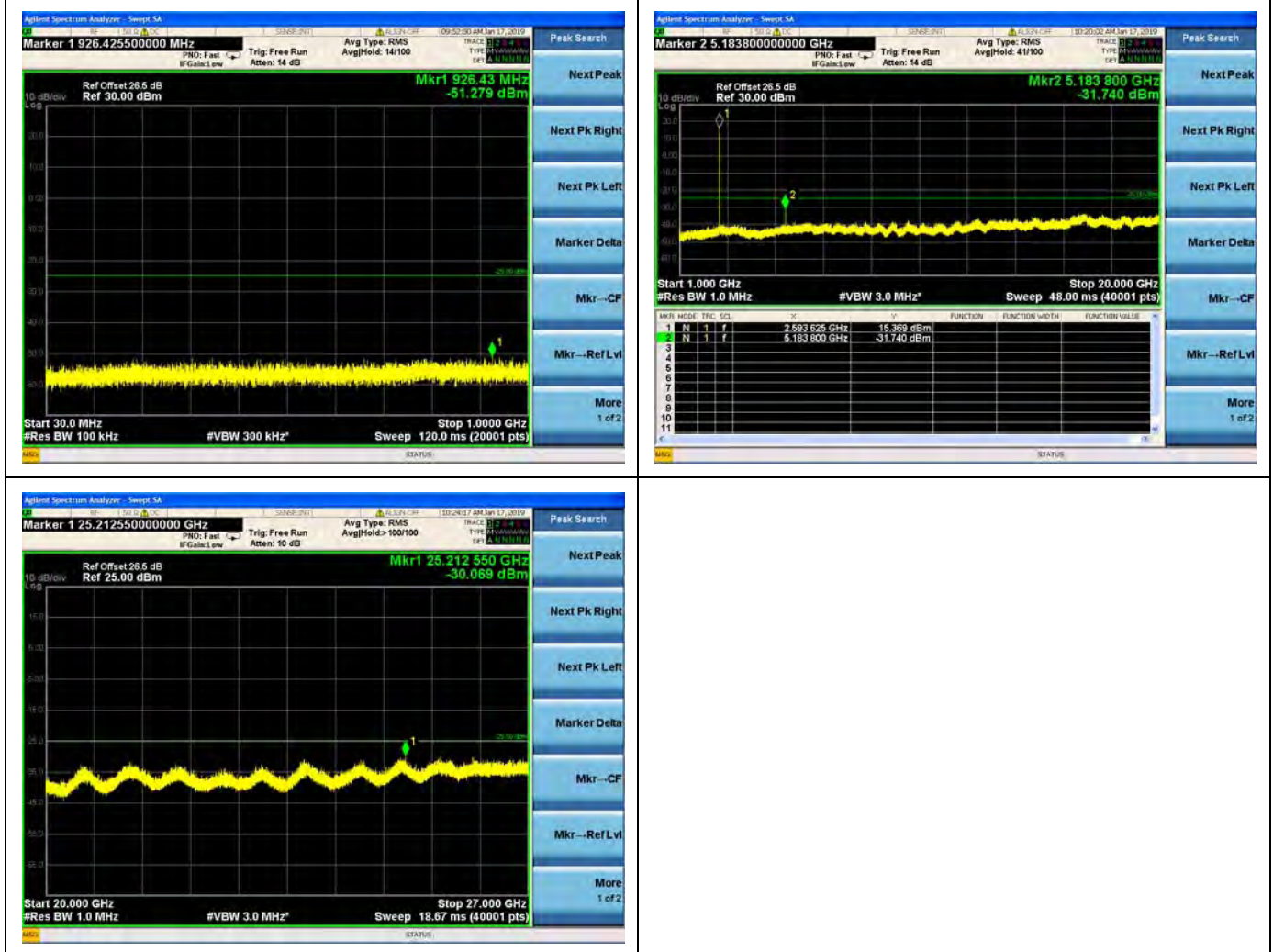
## QPSK





## LTE Band 41 5MHz BW Mid Channel

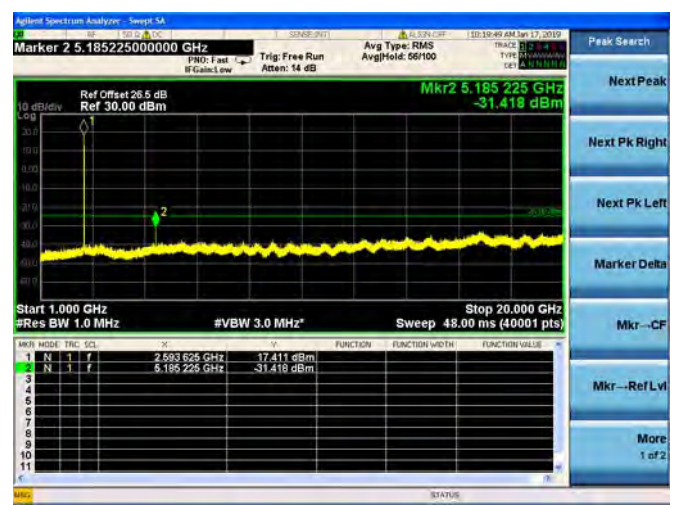
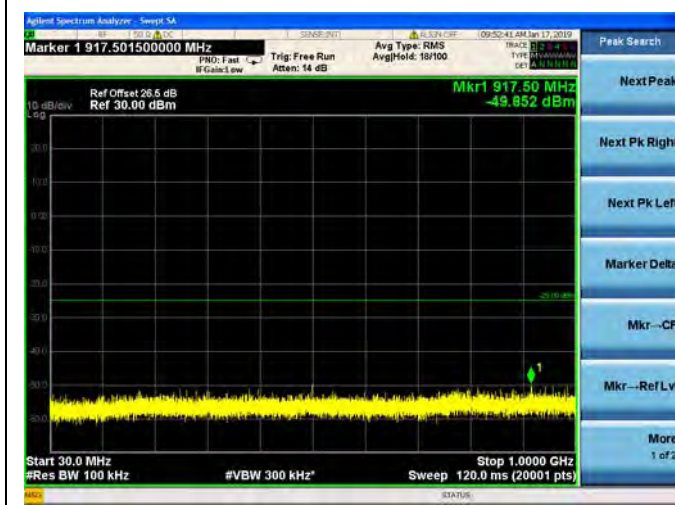
## 16QAM







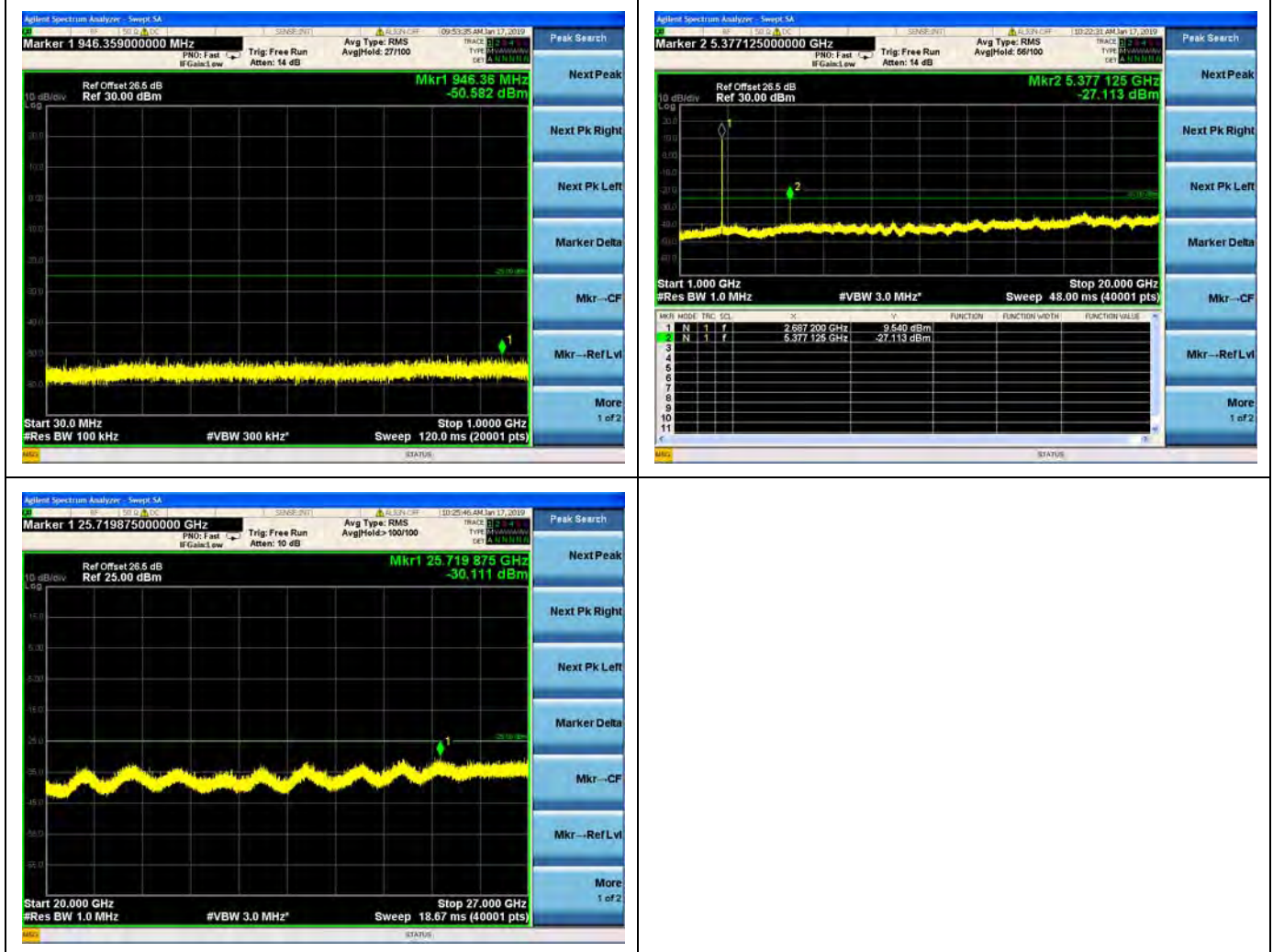
LTE Band 41 5MHz BW Mid Channel  
64QAM





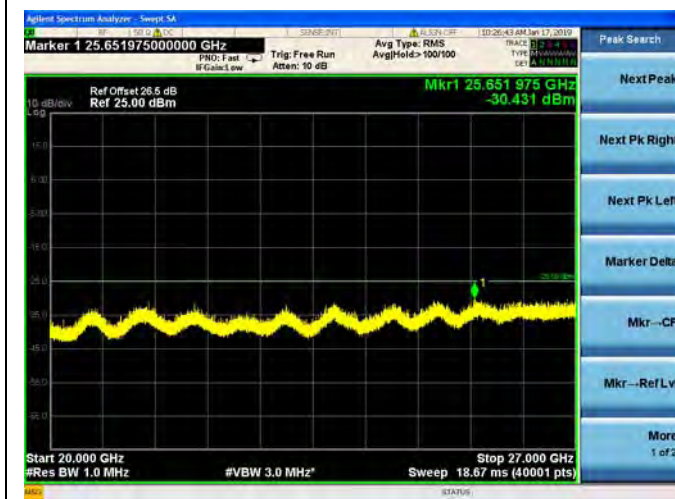
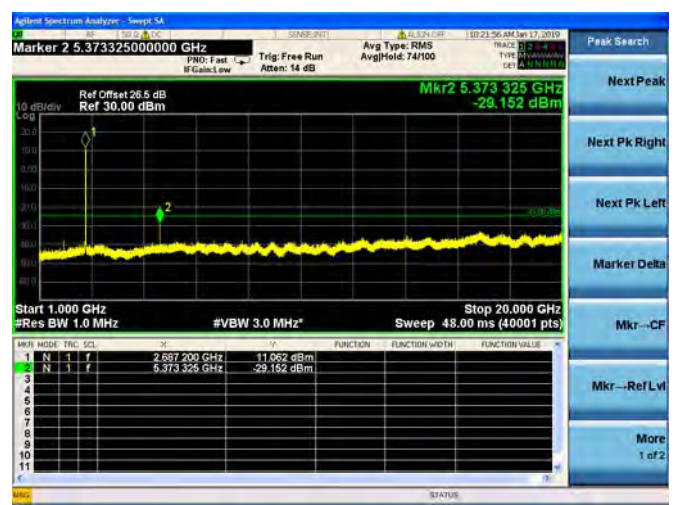
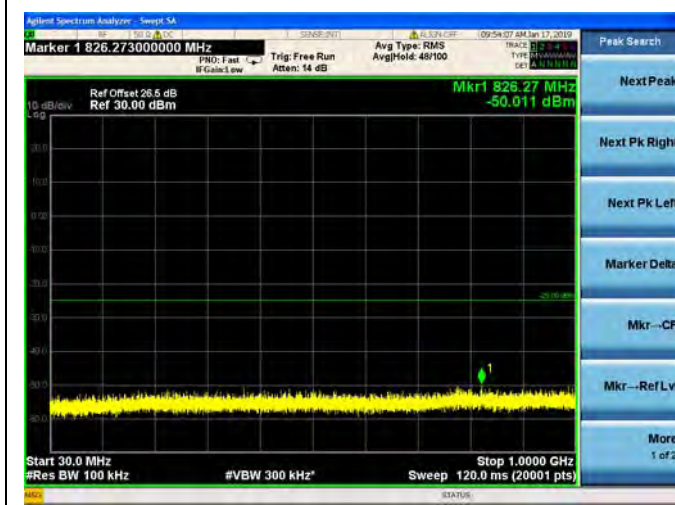
## LTE Band 41 5MHz BW High Channel

## QPSK





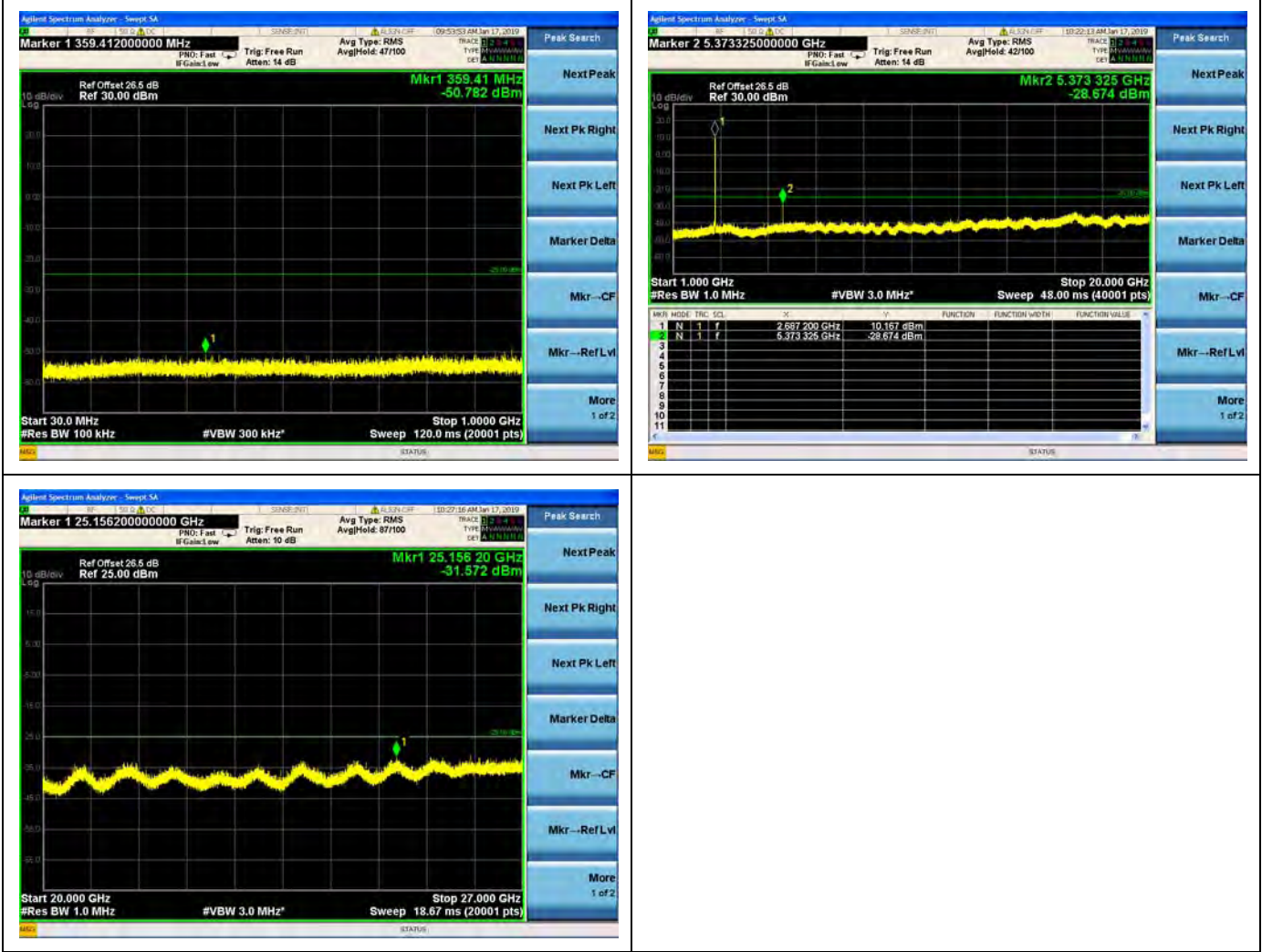
LTE Band 41 5MHz BW High Channel  
16QAM







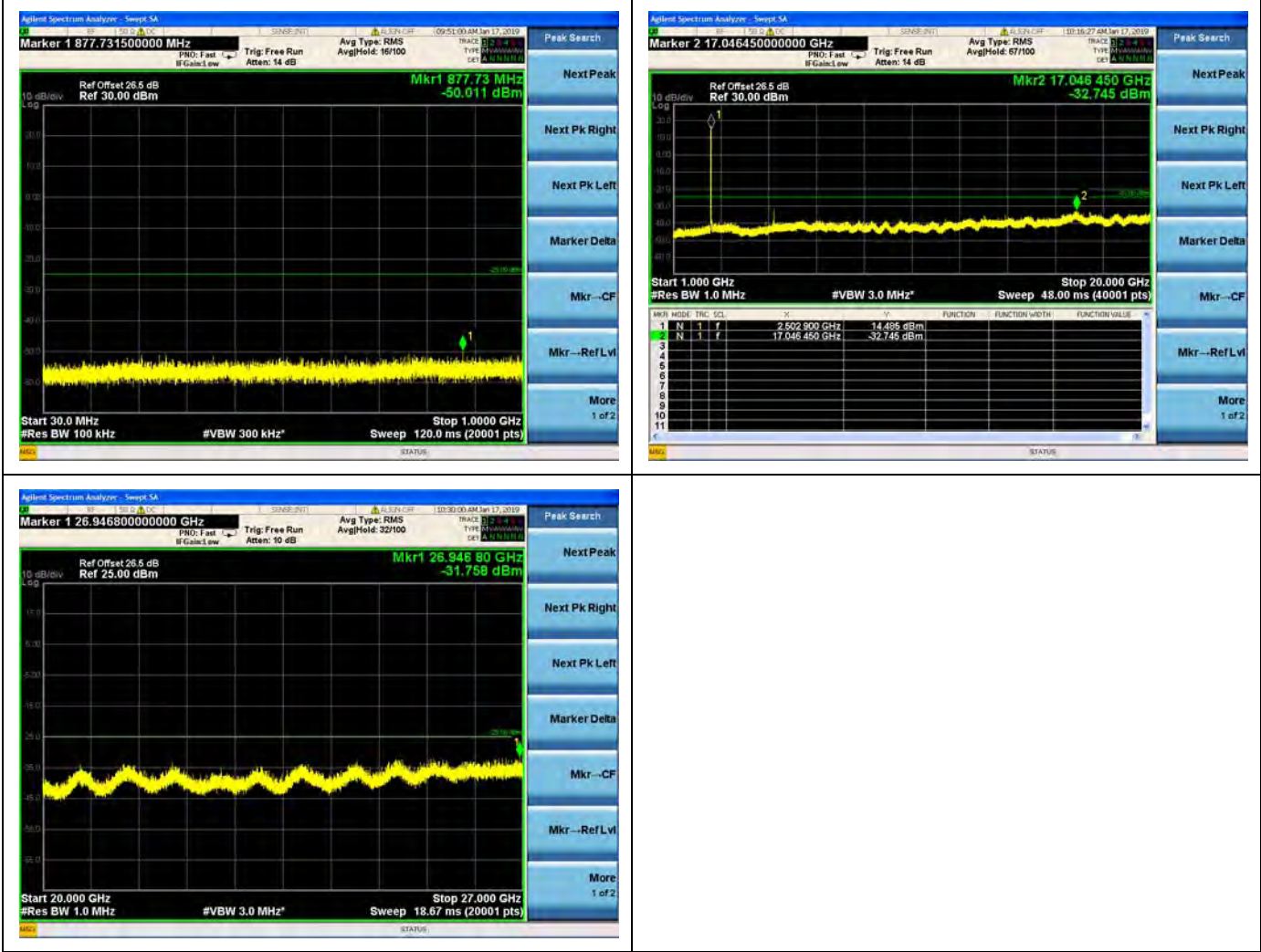
LTE Band 41    5MHz BW    High Channel  
64QAM





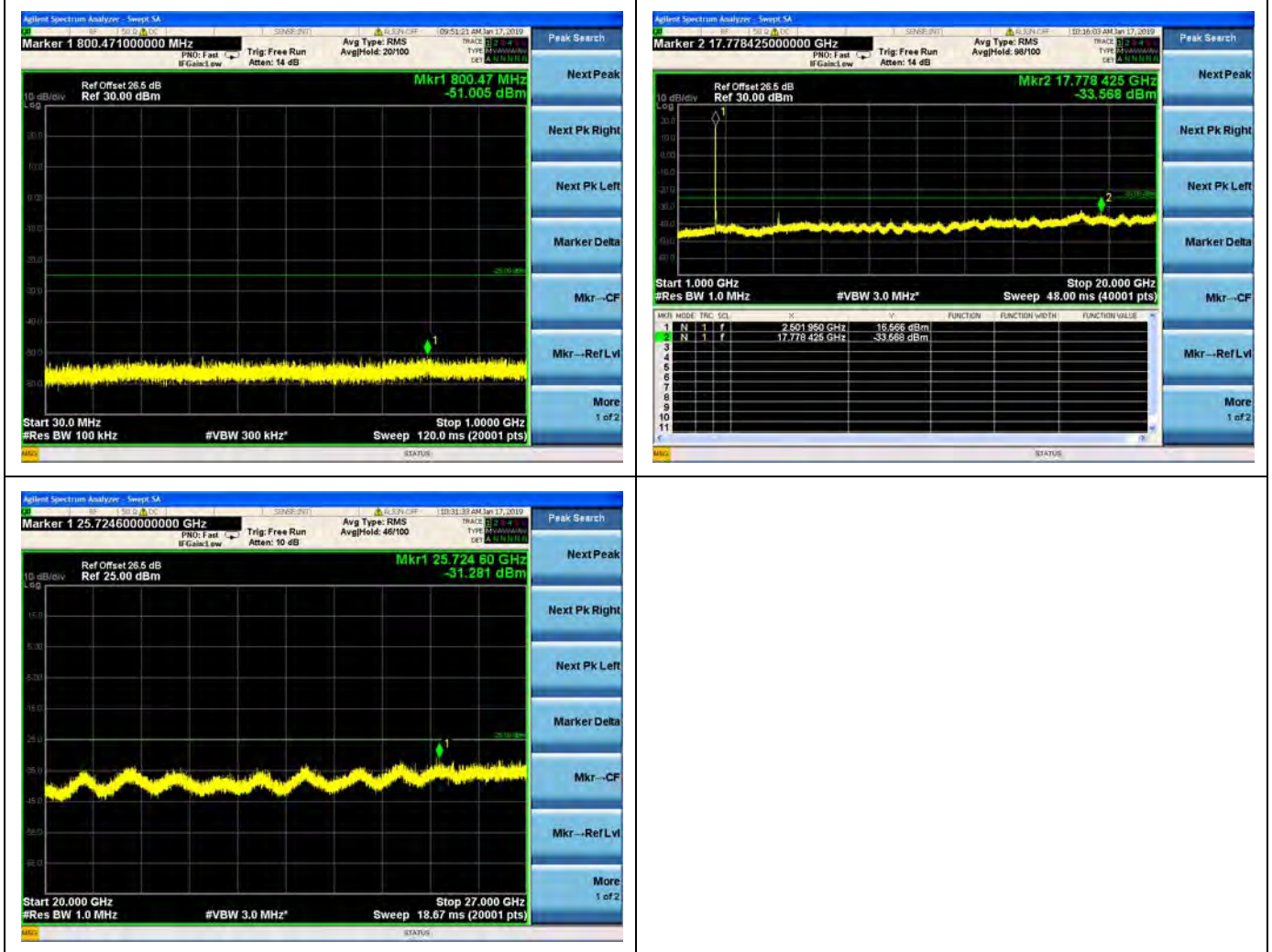
LTE Band 41    10MHz BW    Low Channel

QPSK





LTE Band 41 10MHz BW Low Channel  
16QAM

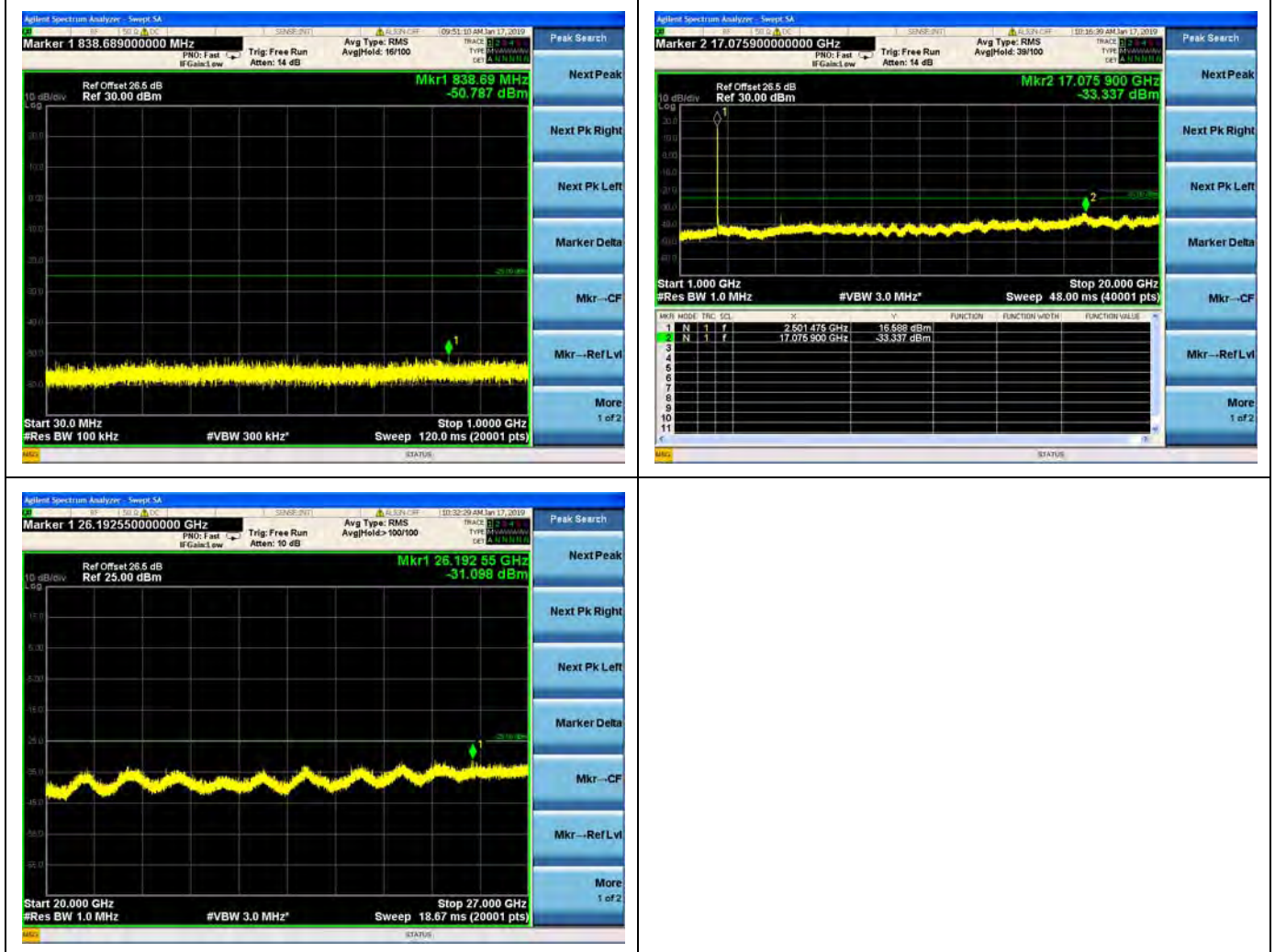






## LTE Band 41 10MHz BW Low Channel

## 64QAM





LTE Band 41    10MHz BW    Mid Channel

QPSK





**Agilent Spectrum Analyzer - Sweep SA**

Marker 1 957.077500000 MHz

Ref Offset 28.5 dB  
Ref 30.00 dBm

Mkr1 957.08 MHz  
-50.608 dBm

Start 30.0 MHz  
#Res BW 100 kHz  
#VBW 300 kHz

Stop 1.0000 GHz  
Sweep 120.0 ms (20001 pts)

Marker Delta

Mkr--CF

Mkr--Ref/Lvl

More 1 of 2

DBR	MODE	FREQ	COL	UNIT	FUNCTION	FUNCTION VALUE
1	N	1	f	2.590 775 GHz	14.869 dBm	
2	N	1	f	5.185 700 GHz	-32.045 dBm	

**Agilent Spectrum Analyzer - Sweep SA**

Marker 2 5.185700000000 GHz

Ref Offset 28.5 dB  
Ref 30.00 dBm

Mkr2 5.185 700 GHz  
-32.045 dBm

Start 1.000 GHz  
#Res BW 1.0 MHz  
#VBW 3.0 MHz

Stop 20.000 GHz  
Sweep 48.00 ms (40001 pts)

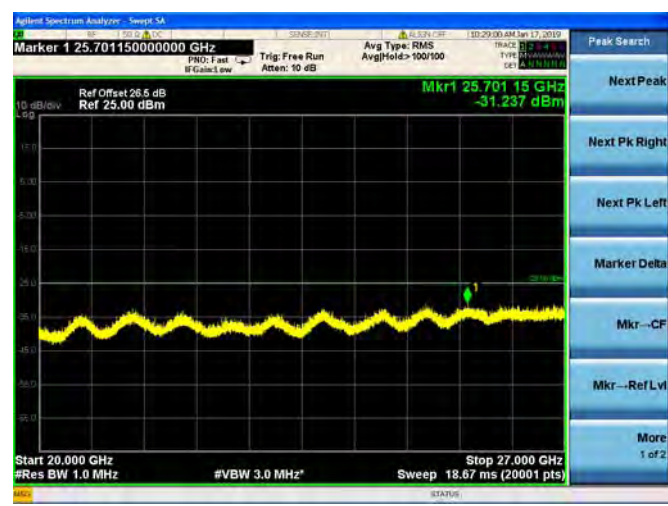
Marker Delta

Mkr--CF

Mkr--Ref/Lvl

More 1 of 2

DBR	MODE	FREQ	COL	UNIT	FUNCTION	FUNCTION VALUE
1	N	1	f	2.590 775 GHz	14.869 dBm	
2	N	1	f	5.185 700 GHz	-32.045 dBm	

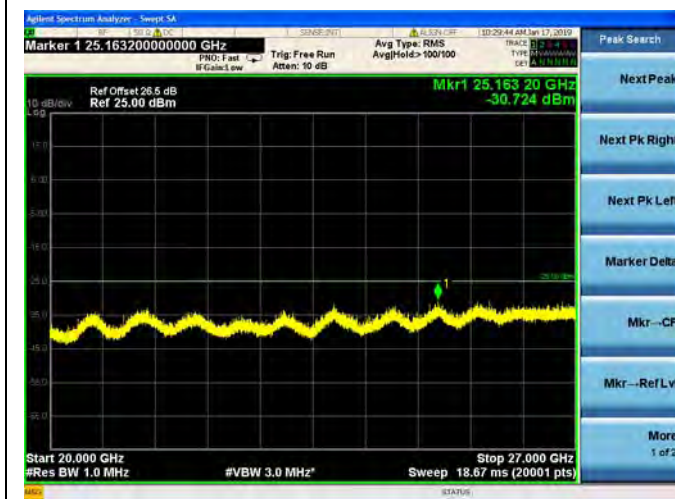
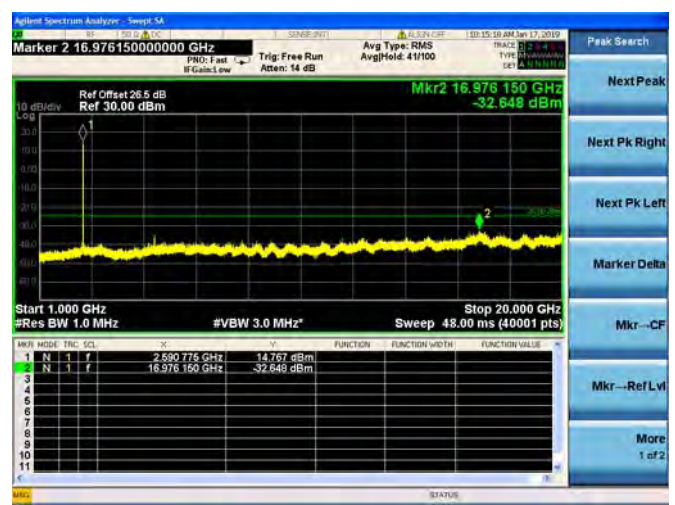


REF	HIDE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.590.775 GHz	14.869 dBm			
2	N	1	f	5.185.700 GHz	-32.045 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								





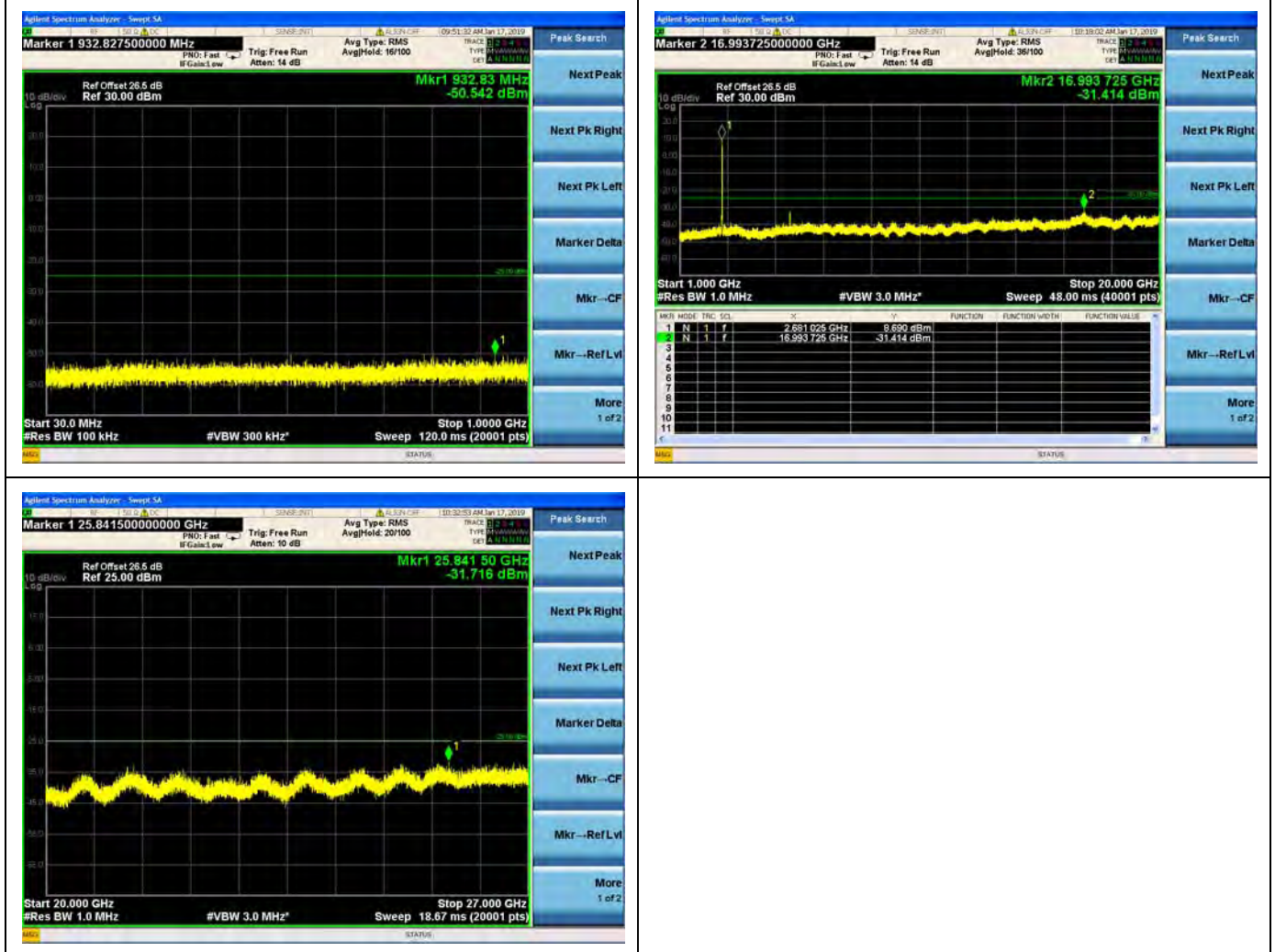
LTE Band 41    10MHz BW    Mid Channel  
64QAM





## LTE Band 41 10MHz BW High Channel

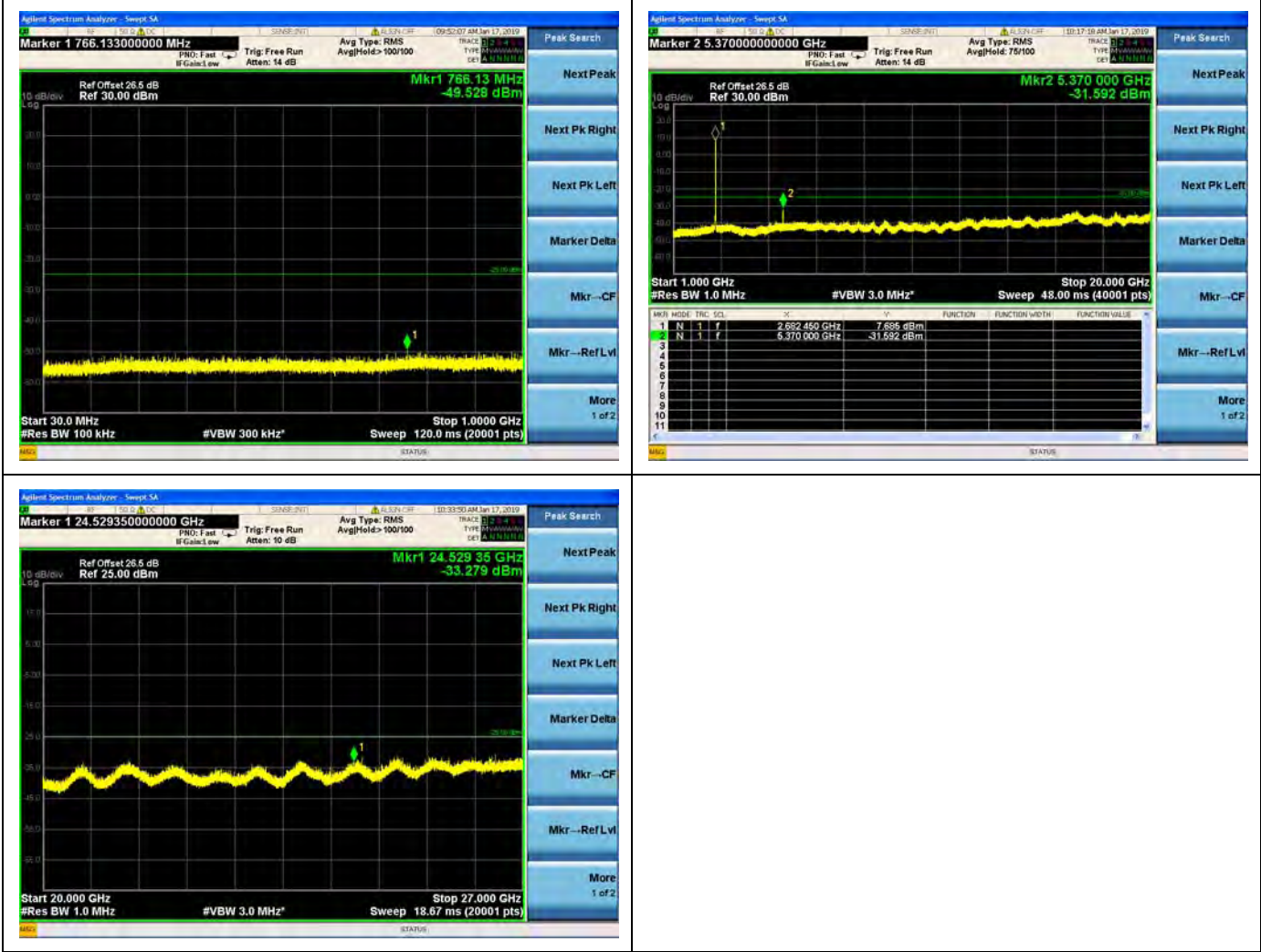
## QPSK





LTE Band 41    10MHz BW    High Channel

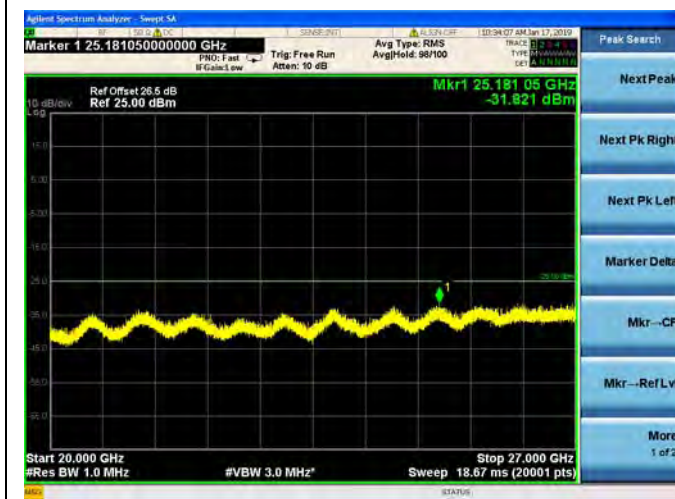
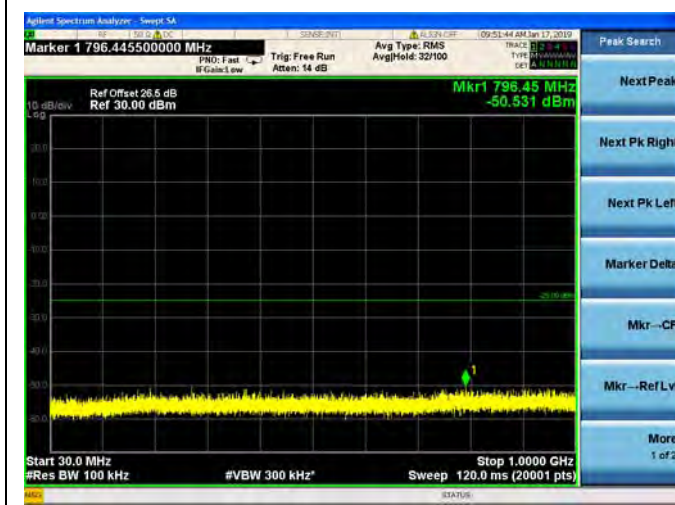
16QAM







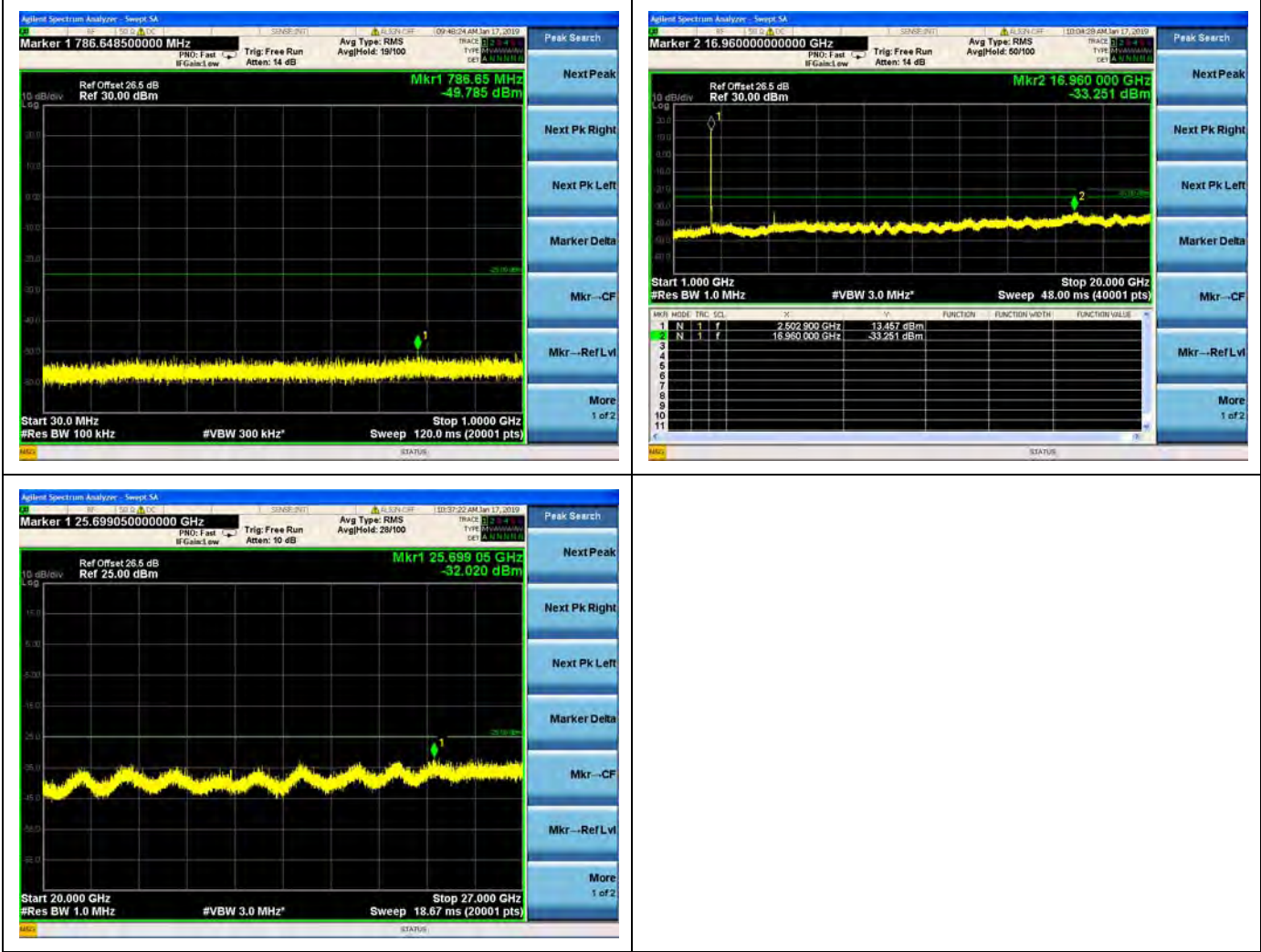
LTE Band 41    10MHz BW    High Channel  
64QAM





LTE Band 41 15MHz BW Low Channel

QPSK





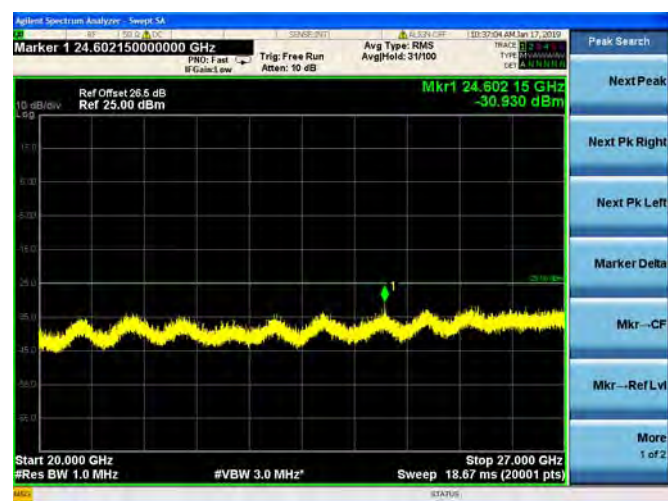
The image displays two side-by-side screenshots of an Agilent Spectrum Analyzer interface, showing the 'Marker' tab and the 'Peak Search' button.

**Left Screenshot:**

- Marker 1:** 1.8595400000 MHz, Ref Offset 28.5 dB, Ref 30.00 dBm, Avg Type: RMS, Avg Hold: 10/100, Trig: Free Run, Atten: 14 dB.
- Marker 2:** 17.027925000000 GHz, Ref Offset 28.5 dB, Ref 30.00 dBm, Avg Type: RMS, Avg Hold: 27/100, Trig: Free Run, Atten: 14 dB.
- Marker Delta:** 17.027925 GHz, -33.465 dBm.
- Marker CF:** 17.027925 GHz, -33.465 dBm.
- Marker Ref Lvl:** 17.027925 GHz, -33.465 dBm.
- More:** 1 of 2.

**Right Screenshot:**

- Marker 1:** 1.8595400000 MHz, Ref Offset 28.5 dB, Ref 30.00 dBm, Avg Type: RMS, Avg Hold: 10/100, Trig: Free Run, Atten: 14 dB.
- Marker 2:** 17.027925000000 GHz, Ref Offset 28.5 dB, Ref 30.00 dBm, Avg Type: RMS, Avg Hold: 27/100, Trig: Free Run, Atten: 14 dB.
- Marker Delta:** 17.027925 GHz, -33.465 dBm.
- Marker CF:** 17.027925 GHz, -33.465 dBm.
- Marker Ref Lvl:** 17.027925 GHz, -33.465 dBm.
- More:** 1 of 2.



SWR	MODE	TRC	SL	X'	Y'	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.608 126 GHz	13.473 dBm			
2	N	1	f	17.027 925 GHz	-33.485 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								





## LTE Band 41 15MHz BW Low Channel

## 64QAM

