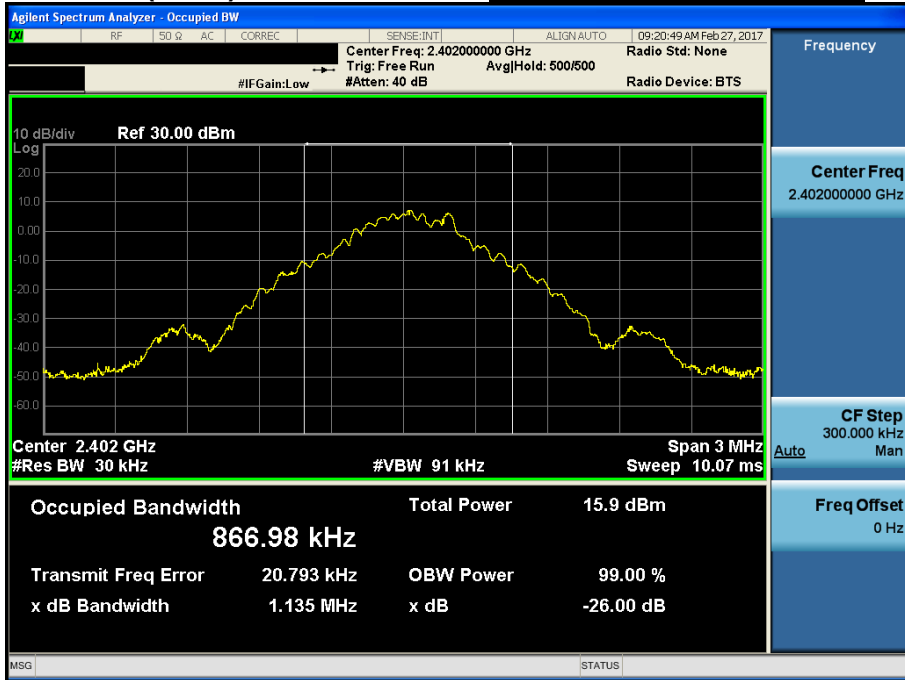


<Module 0>

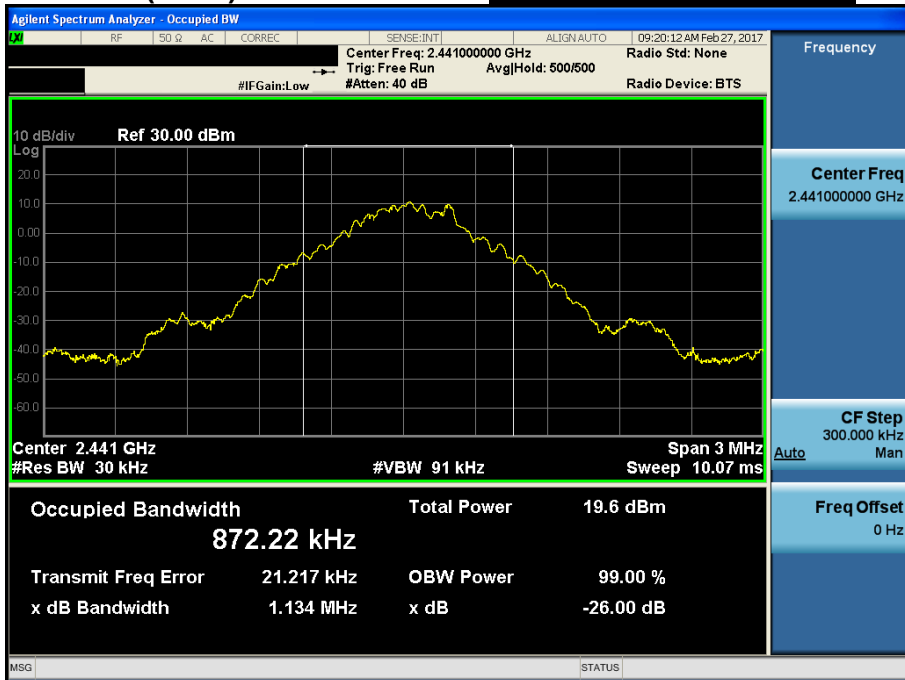
Occupied Bandwidth (99 %)

**Lowest Channel & GFSK**



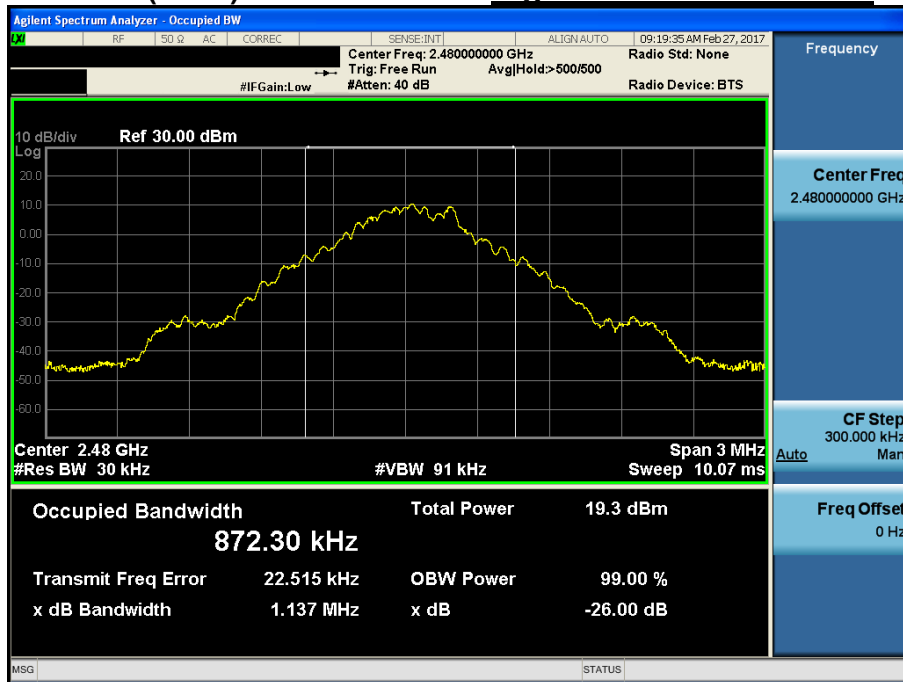
Occupied Bandwidth (99 %)

**Middle Channel & GFSK**



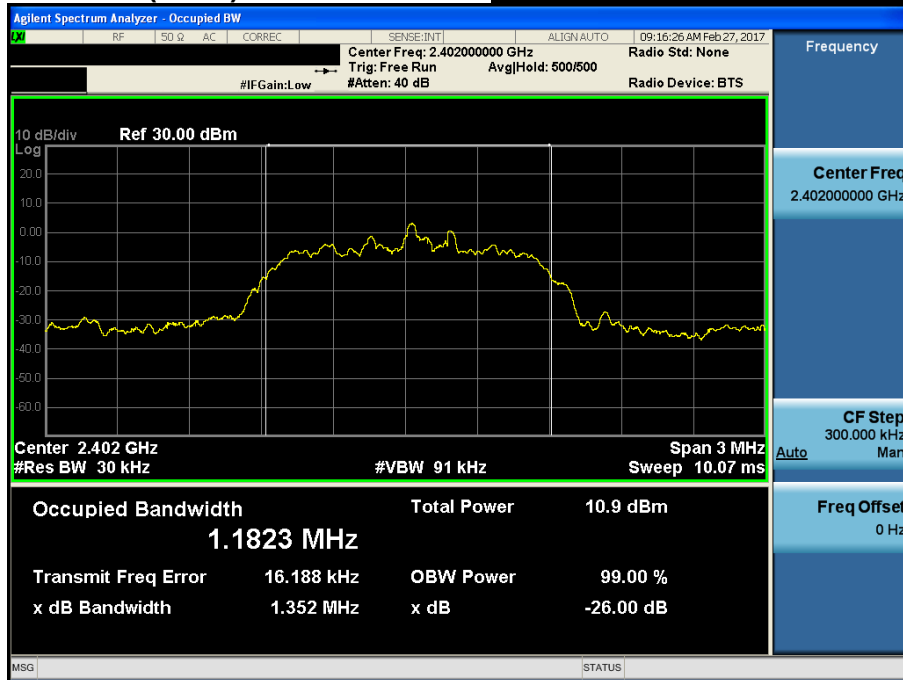
Occupied Bandwidth (99 %)

*Highest Channel & GFSK*



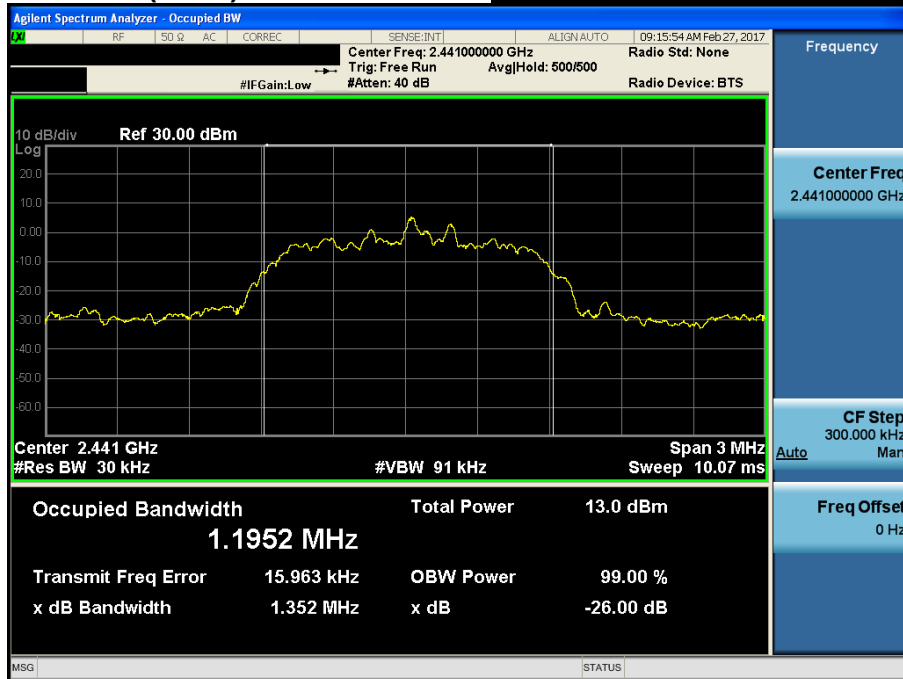
Occupied Bandwidth (99 %)

*Lowest Channel &  $\pi/4$  DQPSK*



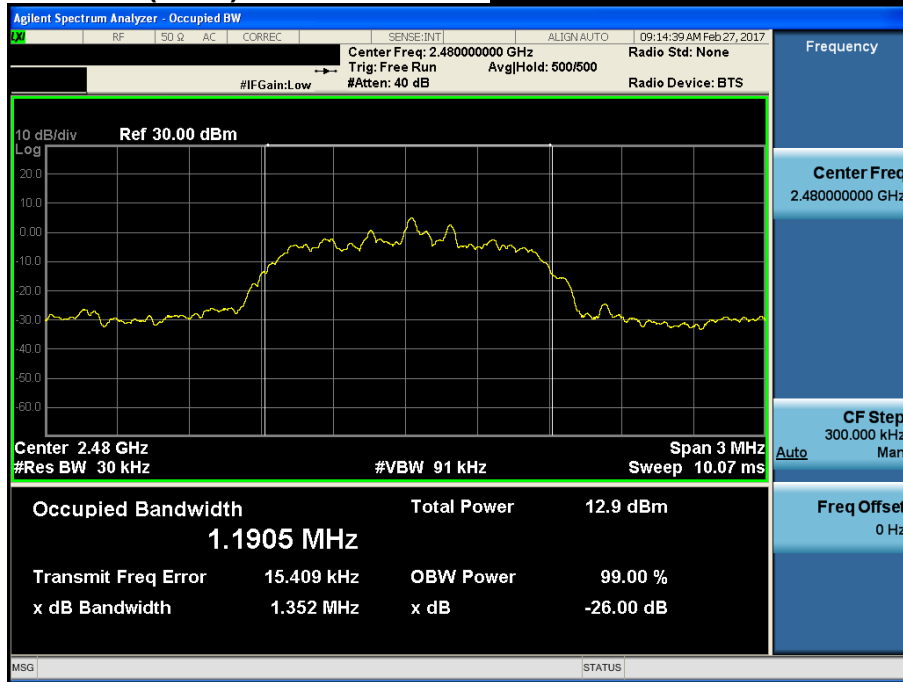
Occupied Bandwidth (99 %)

*Middle Channel &  $\pi/4$  DQPSK*



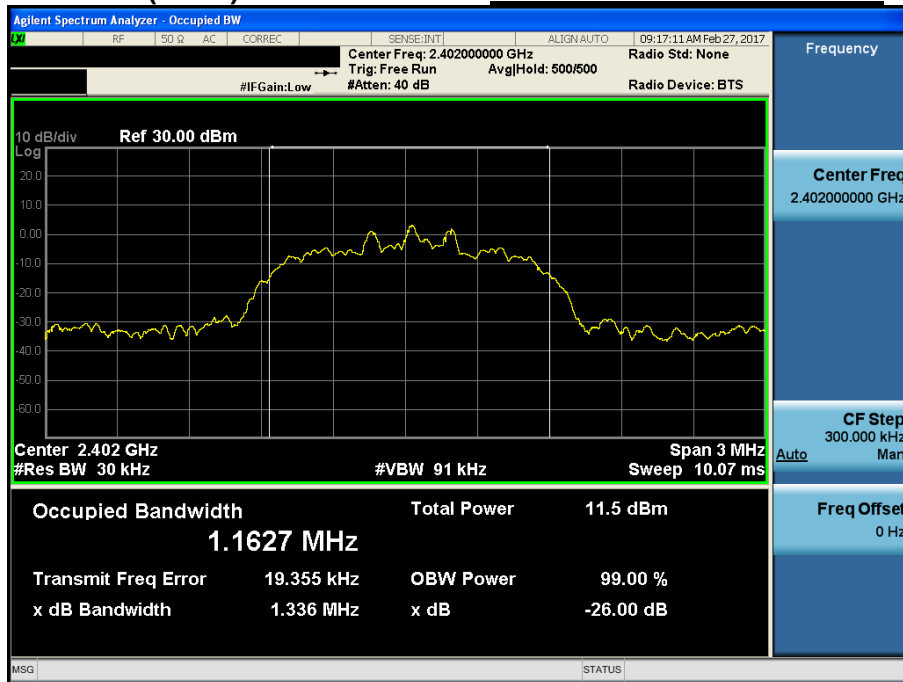
Occupied Bandwidth (99 %)

*Highest Channel &  $\pi/4$  DQPSK*



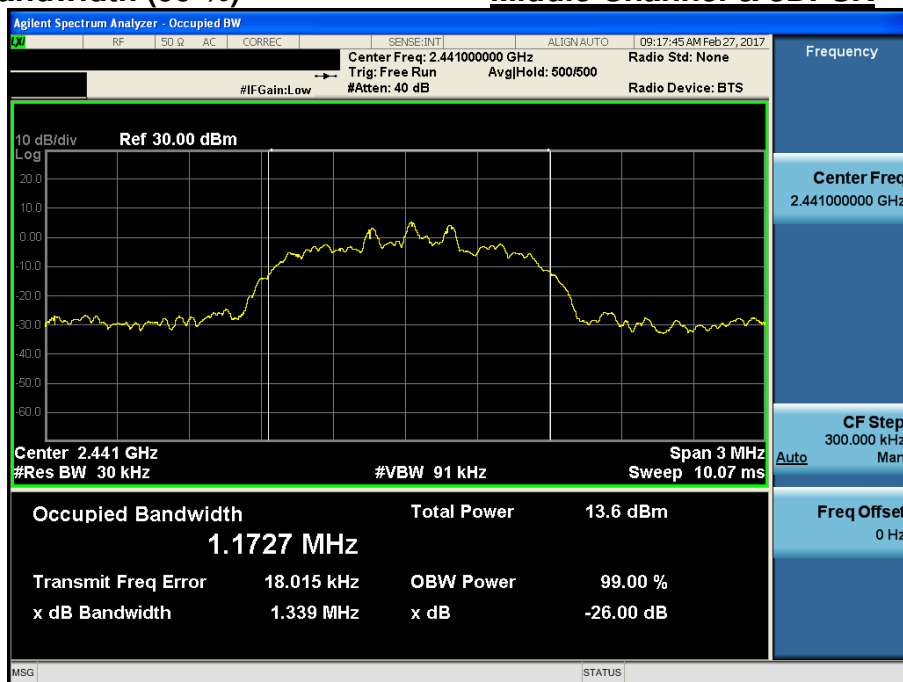
Occupied Bandwidth (99 %)

***Lowest Channel & 8DPSK***



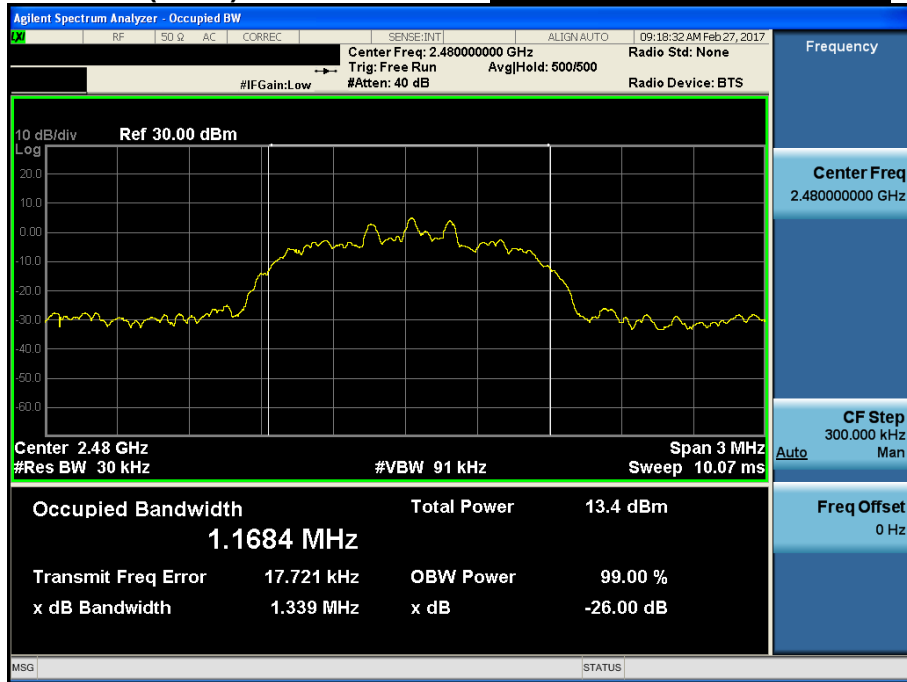
Occupied Bandwidth (99 %)

***Middle Channel & 8DPSK***



Occupied Bandwidth (99 %)

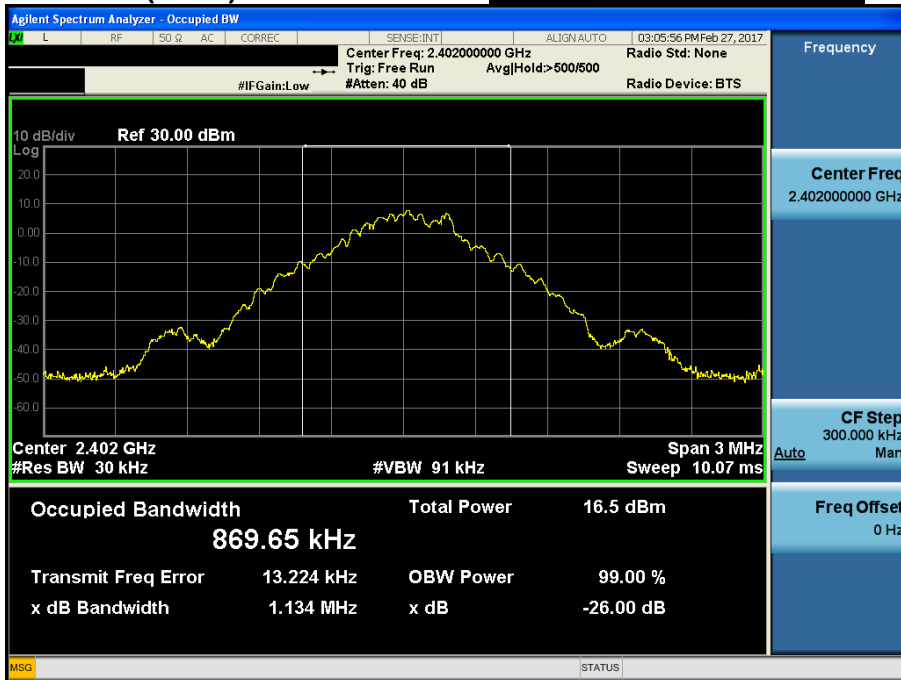
***Highest Channel & 8DPSK***



<Module 1>

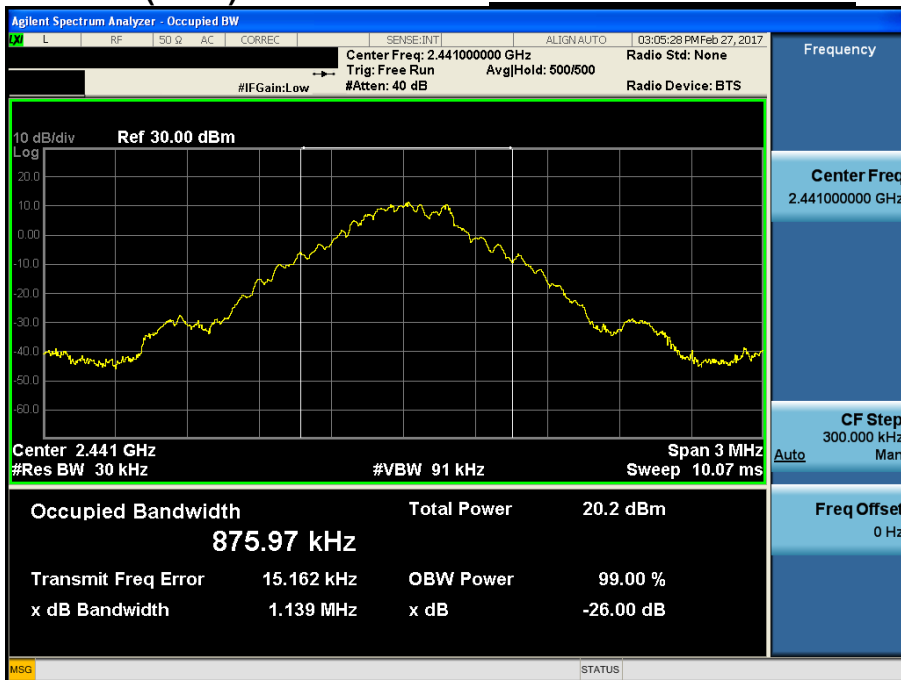
Occupied Bandwidth (99 %)

**Lowest Channel & GFSK**



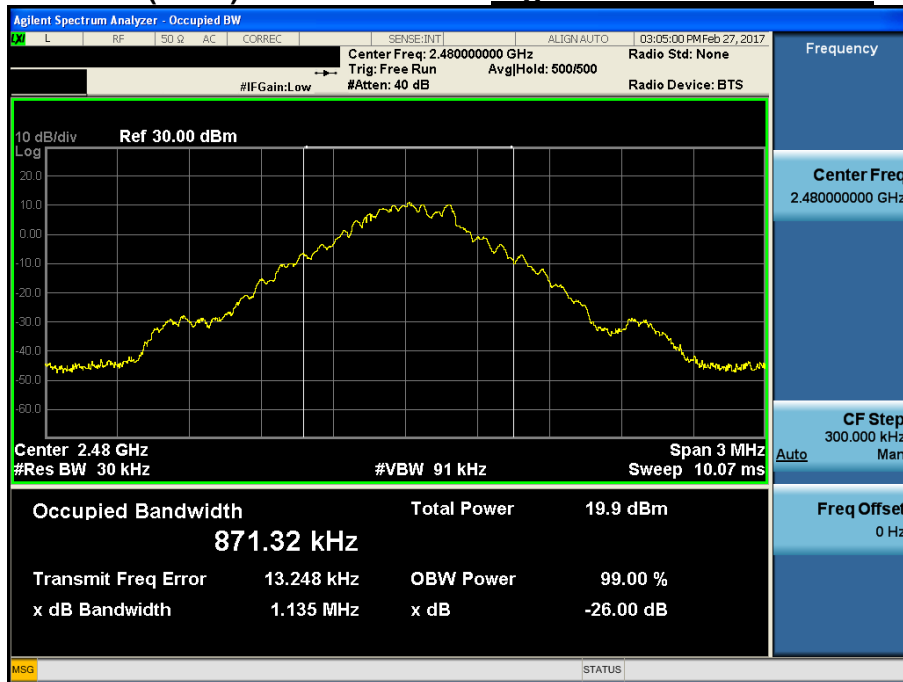
Occupied Bandwidth (99 %)

**Middle Channel & GFSK**



Occupied Bandwidth (99 %)

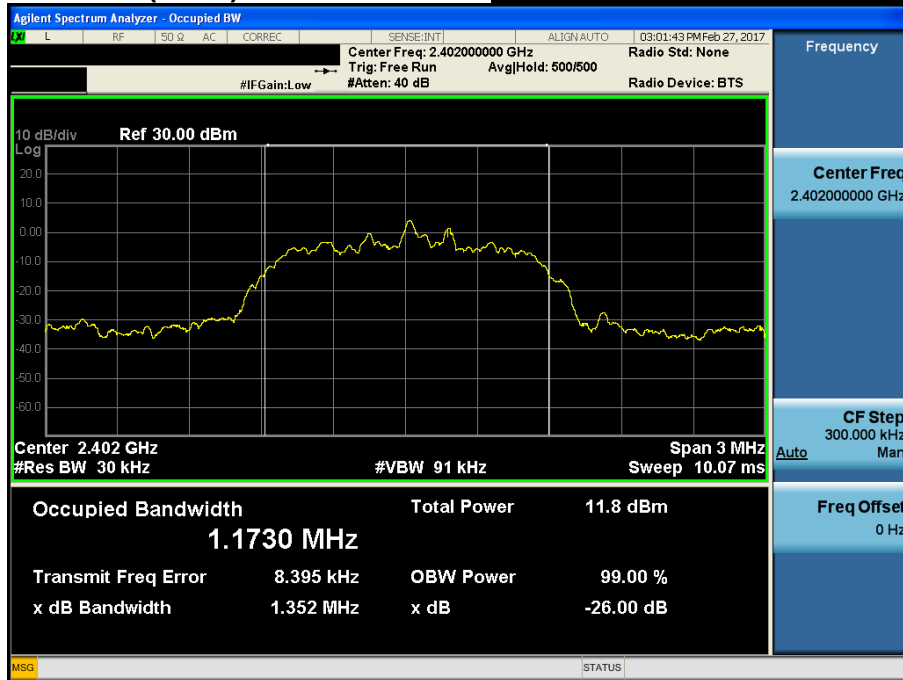
*Highest Channel & GFSK*





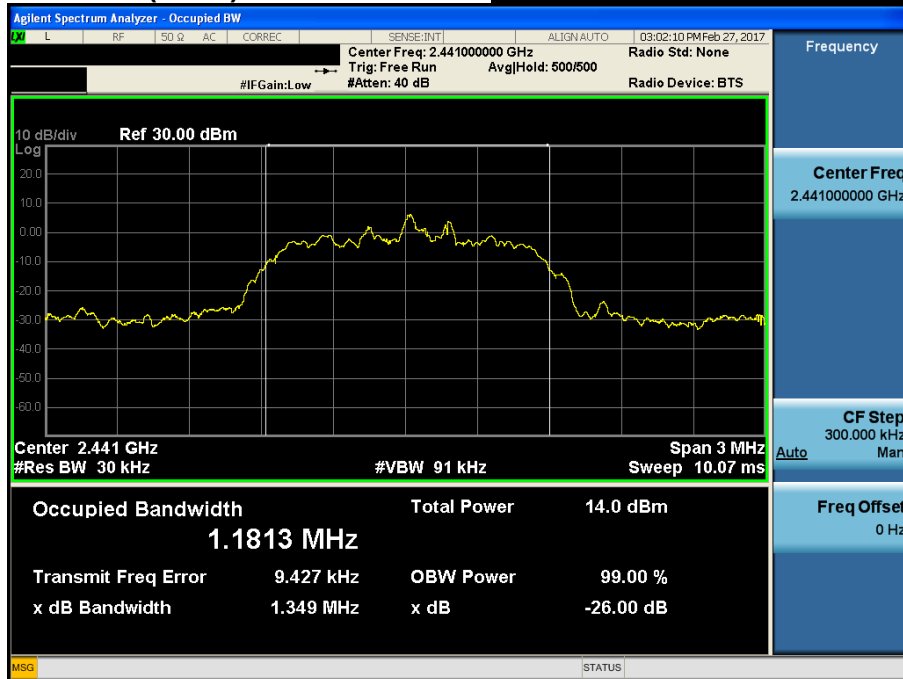
Occupied Bandwidth (99 %)

*Lowest Channel &  $\pi/4$  DQPSK*



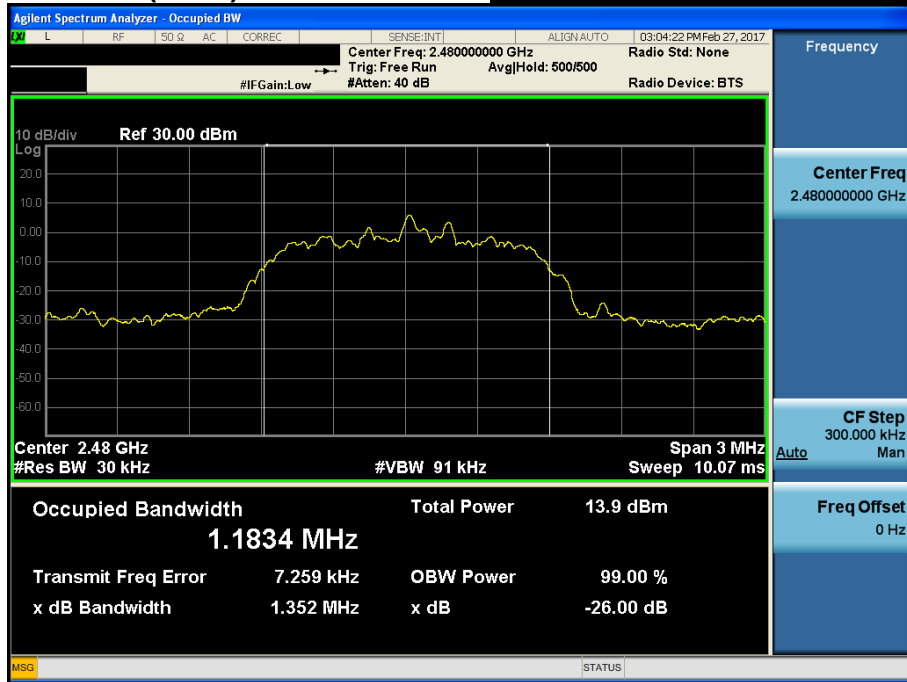
Occupied Bandwidth (99 %)

*Middle Channel &  $\pi/4$  DQPSK*



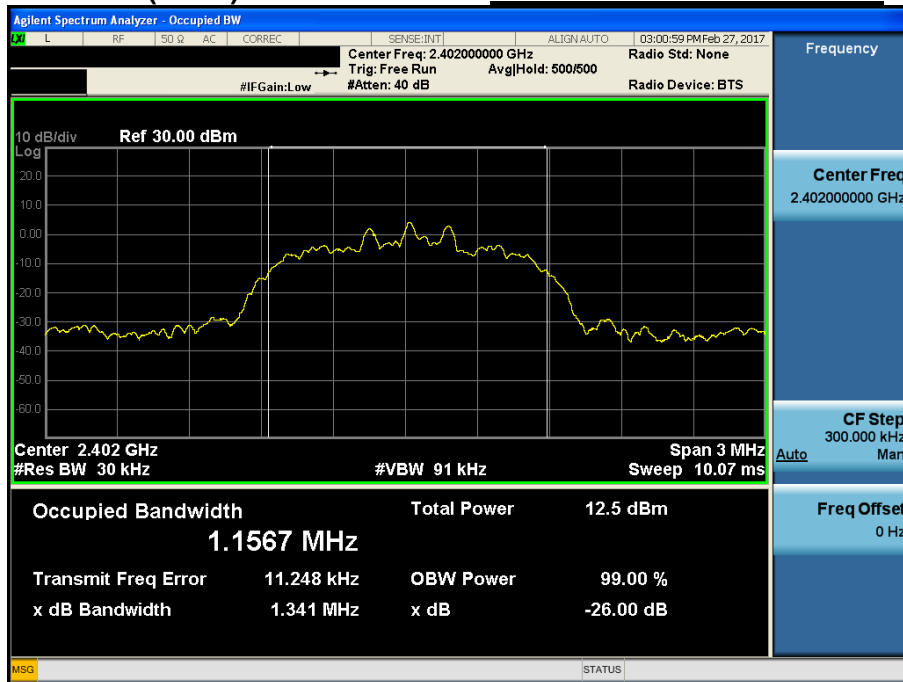
Occupied Bandwidth (99 %)

*Highest Channel &  $\pi/4$  DQPSK*



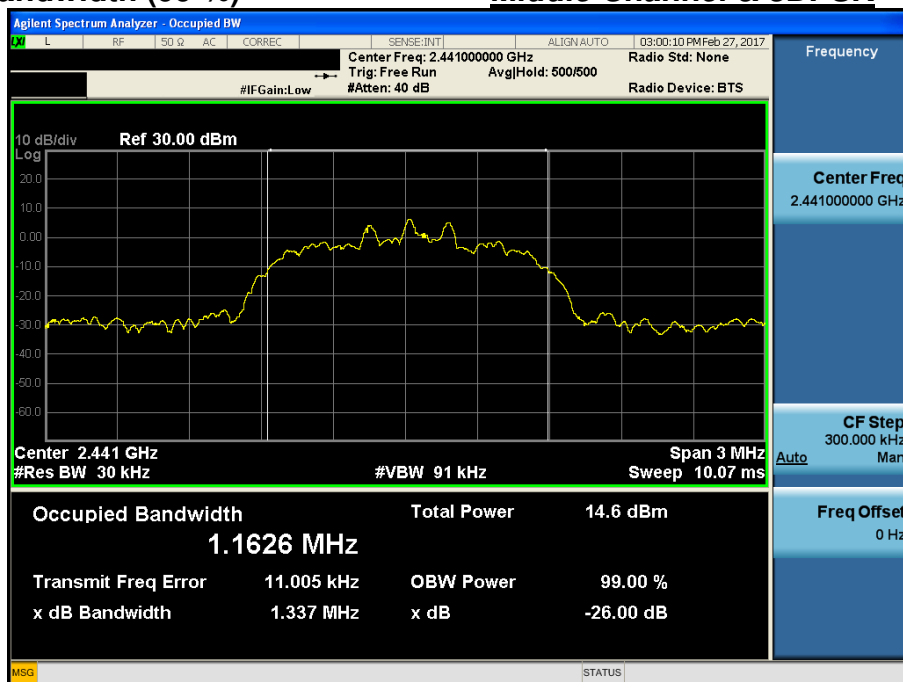
Occupied Bandwidth (99 %)

***Lowest Channel & 8DPSK***



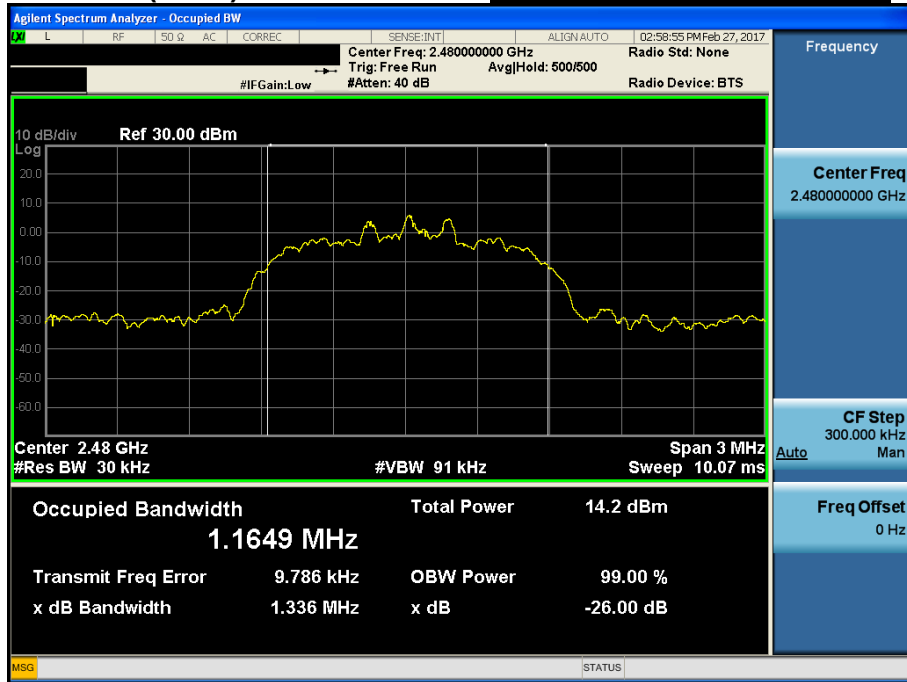
Occupied Bandwidth (99 %)

***Middle Channel & 8DPSK***



Occupied Bandwidth (99 %)

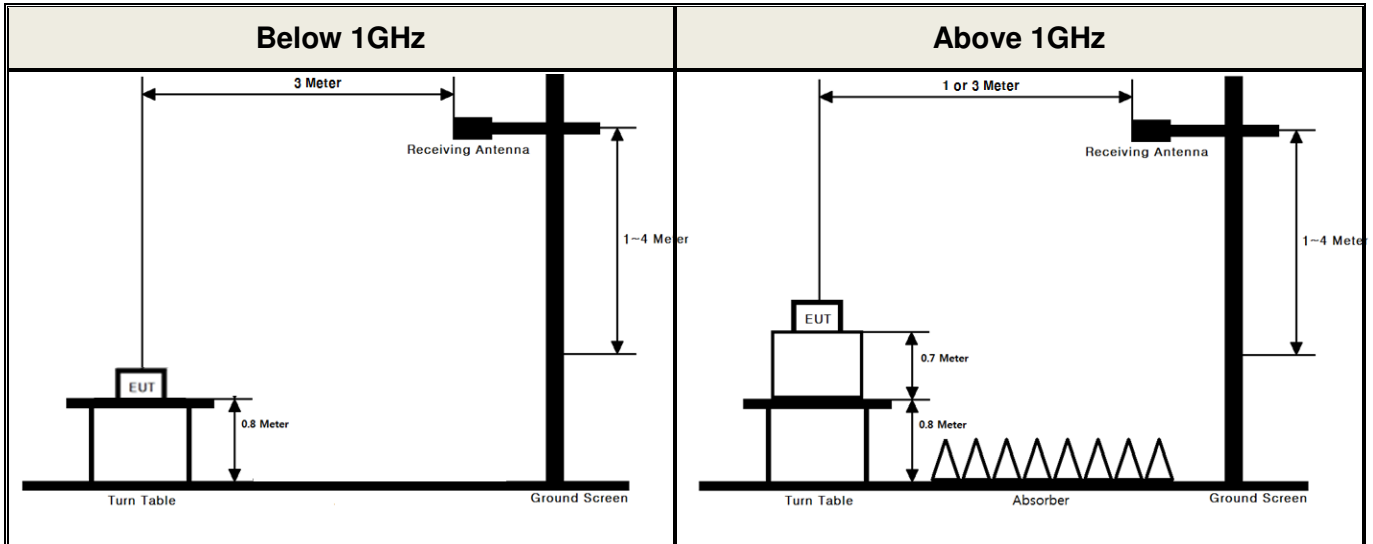
*Highest Channel & 8DPSK*



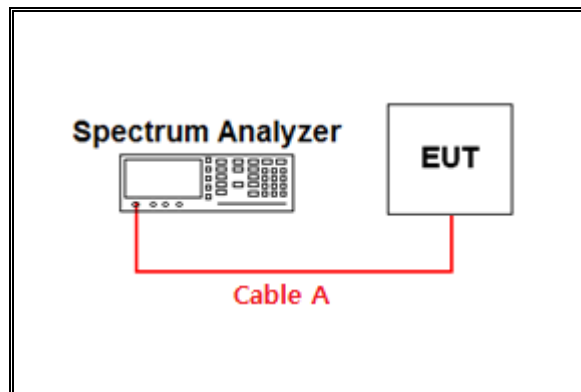
## APPENDIX I

### Test set up diagrams

#### ▪ Radiated Measurement



#### ▪ Conducted Measurement



Path loss information

Frequency (GHz)	Path Loss (dB)	Frequency (GHz)	Path Loss (dB)
0.03	0.18	15	3.50
1	0.80	20	4.86
2.402 & 2.441 & 2.480	1.30	25	5.35
5	1.82	-	-
10	2.70	-	-

Note 1 : The path loss from EUT to Spectrum analyzer were measured and used for test.

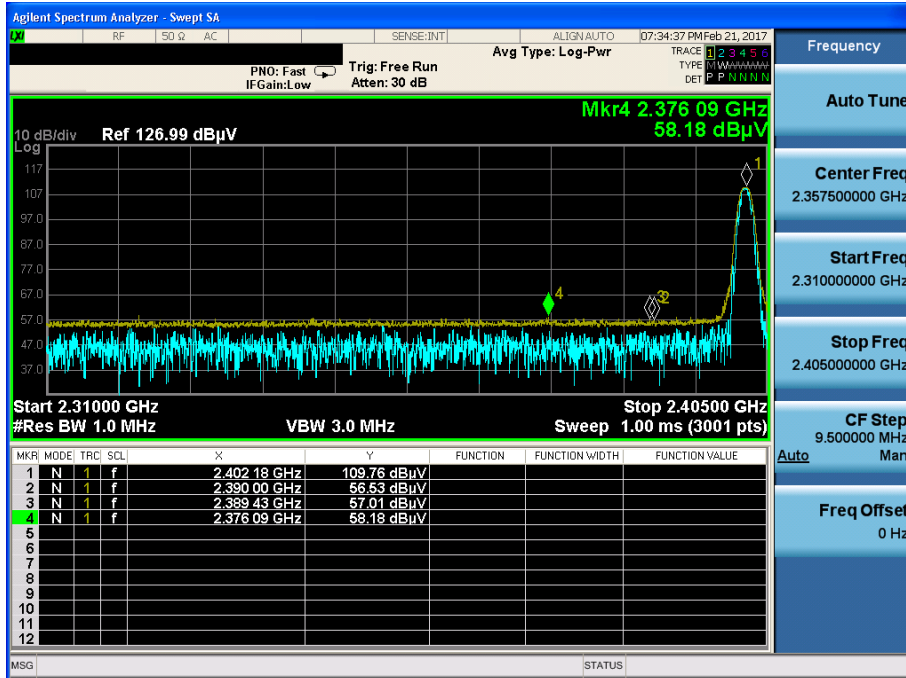
Path loss ( S/A's Correction factor) = Cable A

## APPENDIX II

### Unwanted Emissions (Radiated) Test Plot\_Module 0

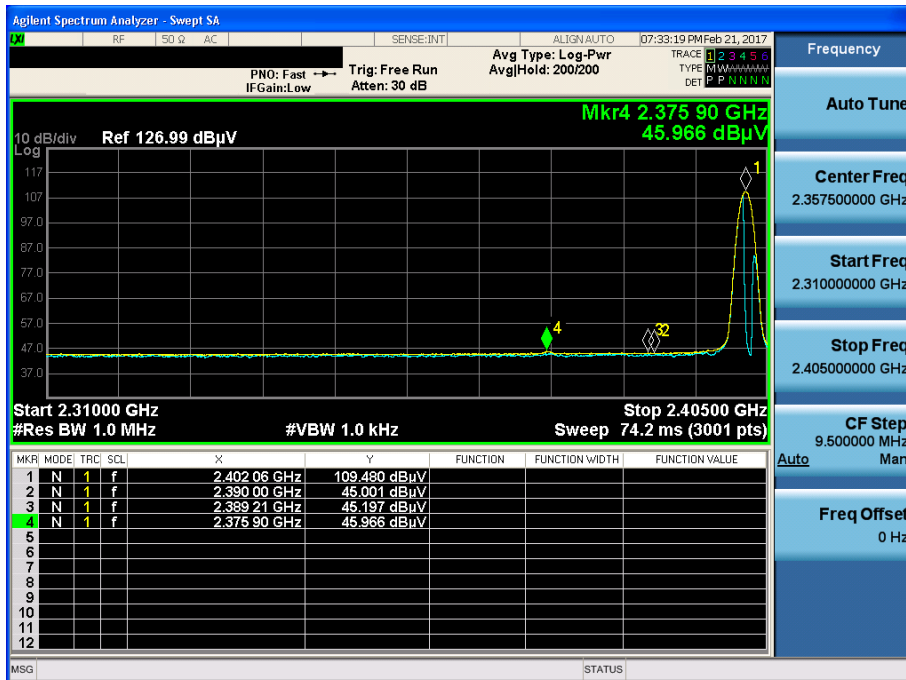
GFSK & Lowest & Z & Ver

Detector Mode : PK



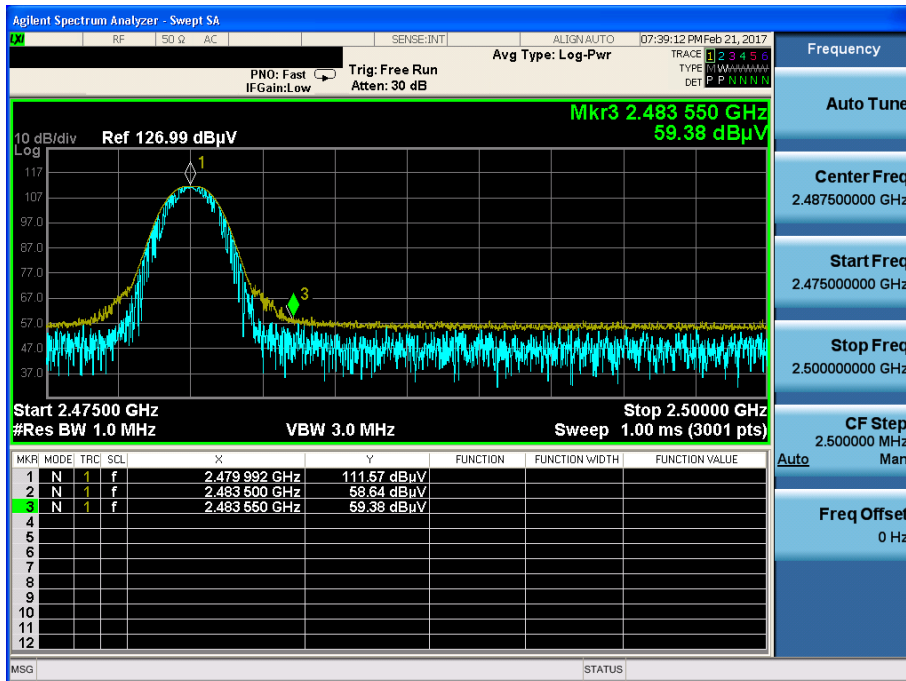
GFSK & Lowest & Z & Ver

Detector Mode : AV



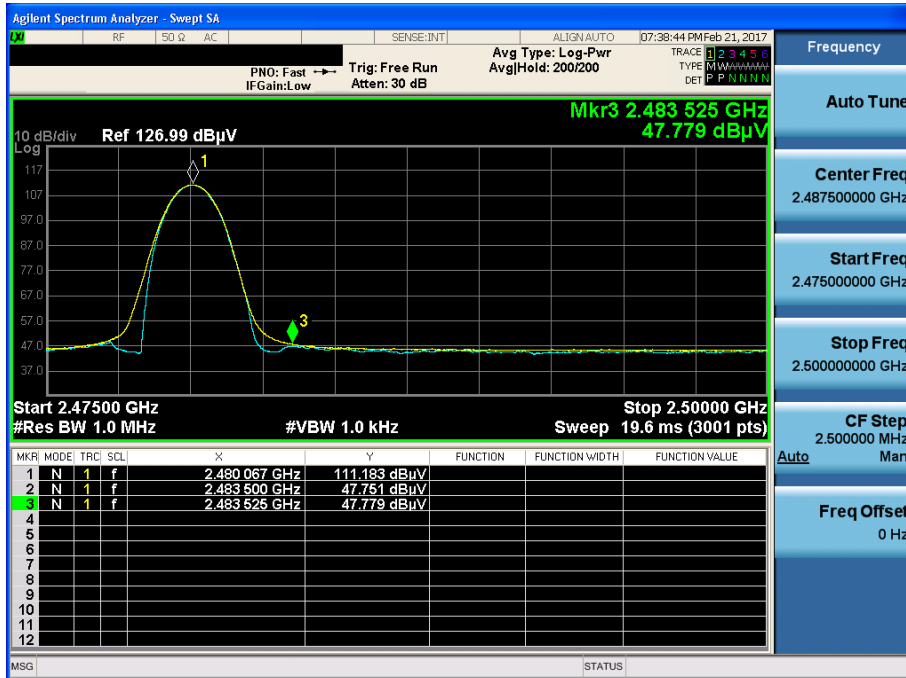
GFSK & Highest & Z & Ver

Detector Mode : PK



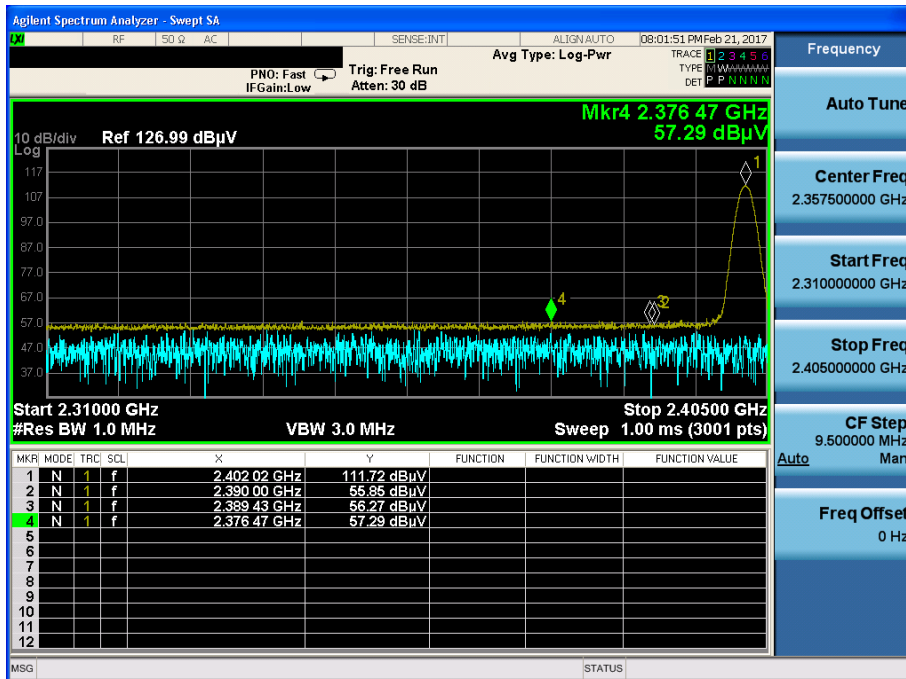
GFSK & Highest & Z & Ver

Detector Mode : AV



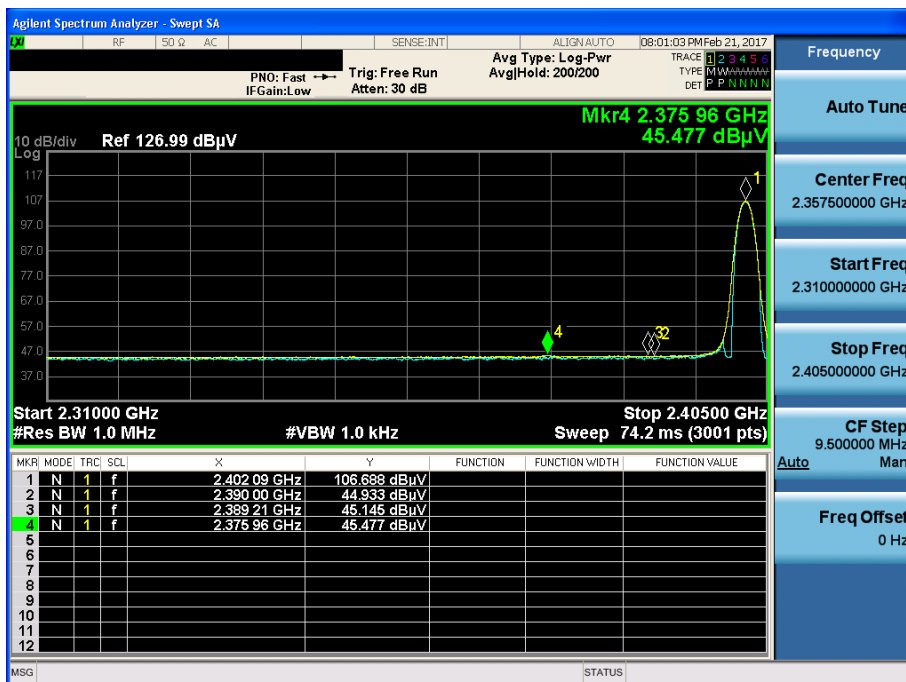
$\pi$ /4DQPSK & Lowest & Z & Ver

Detector Mode : PK



$\pi$ /4DQPSK & Lowest & Z & Ver

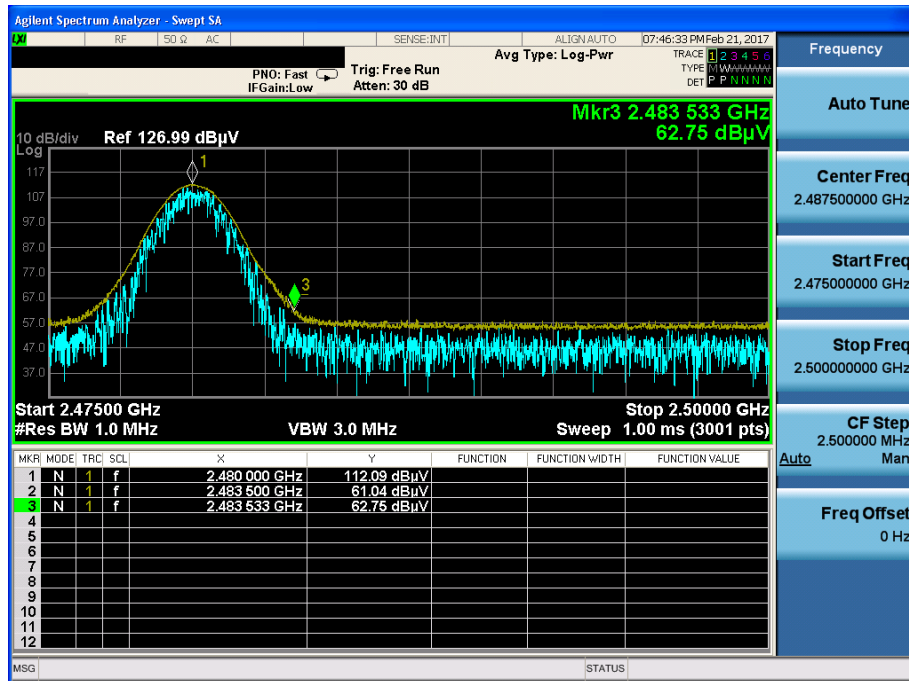
Detector Mode : AV





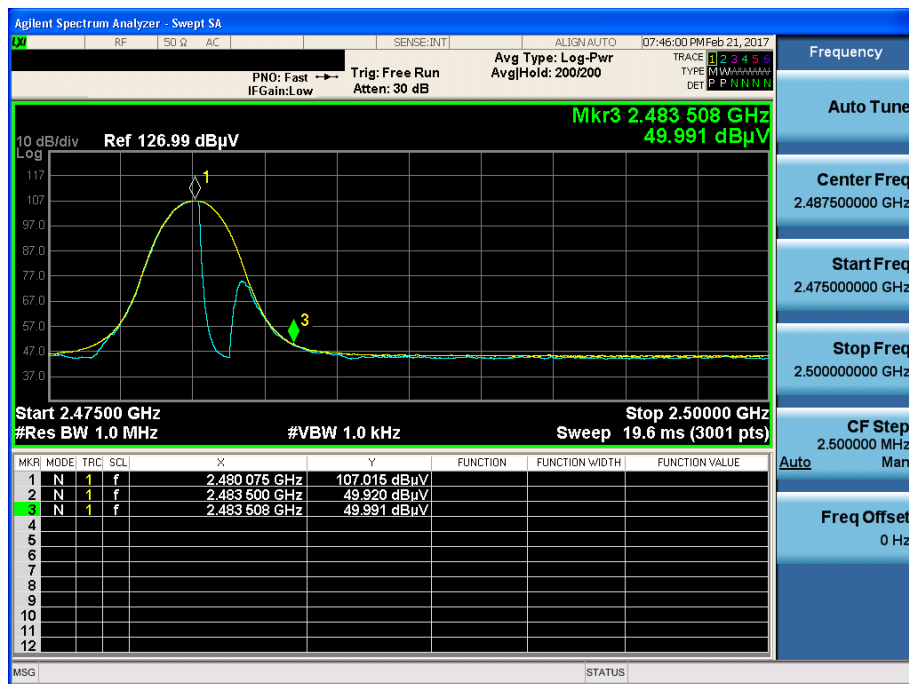
$\pi/4$ DQPSK & Highest & Z & Ver

Detector Mode : PK



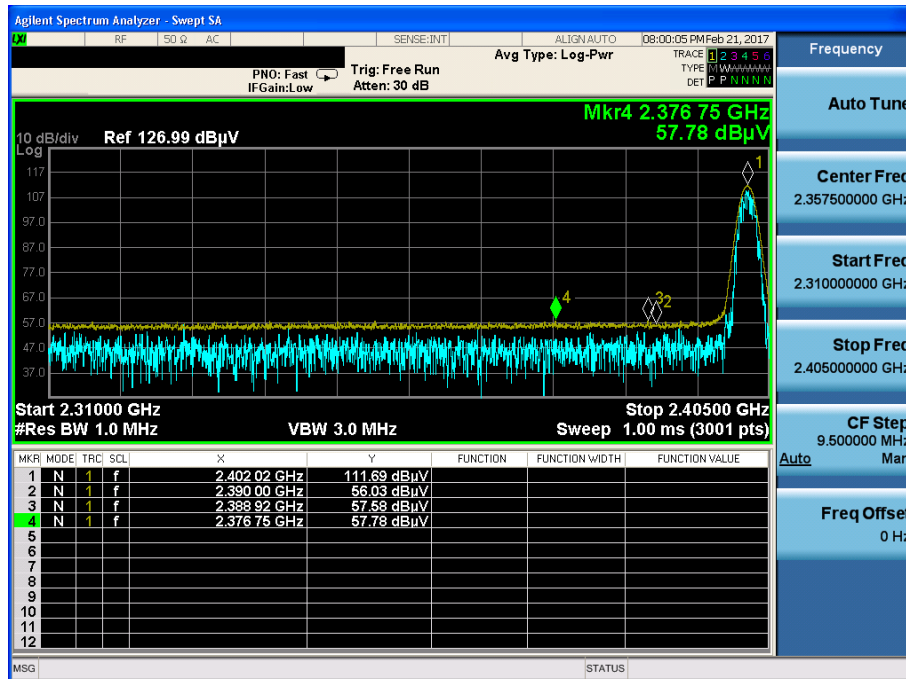
$\pi/4$ DQPSK & Highest & Z & Ver

Detector Mode : AV



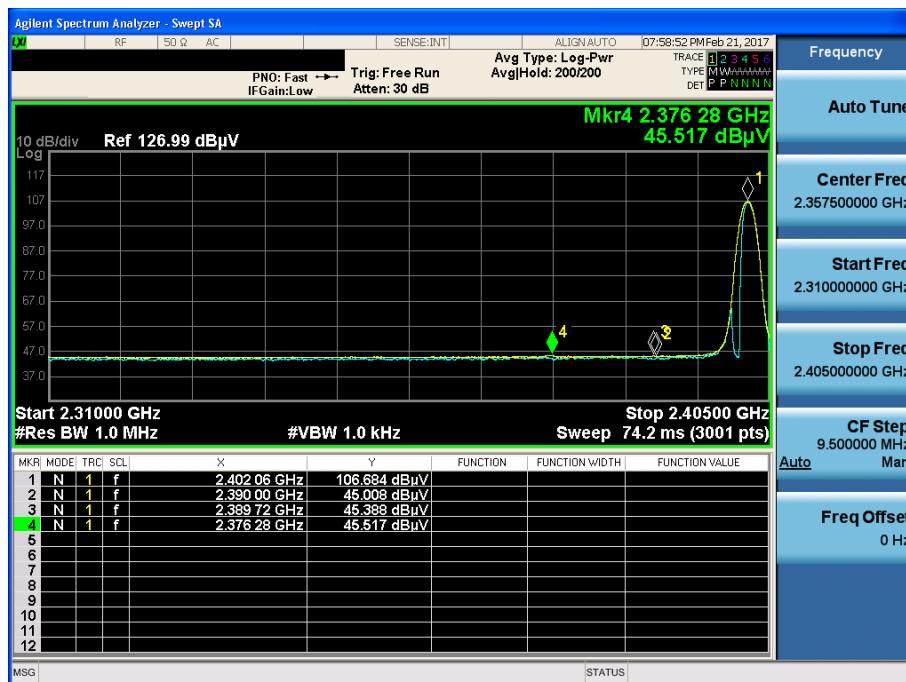
8DPSK & Lowest & Z & Ver

Detector Mode : PK



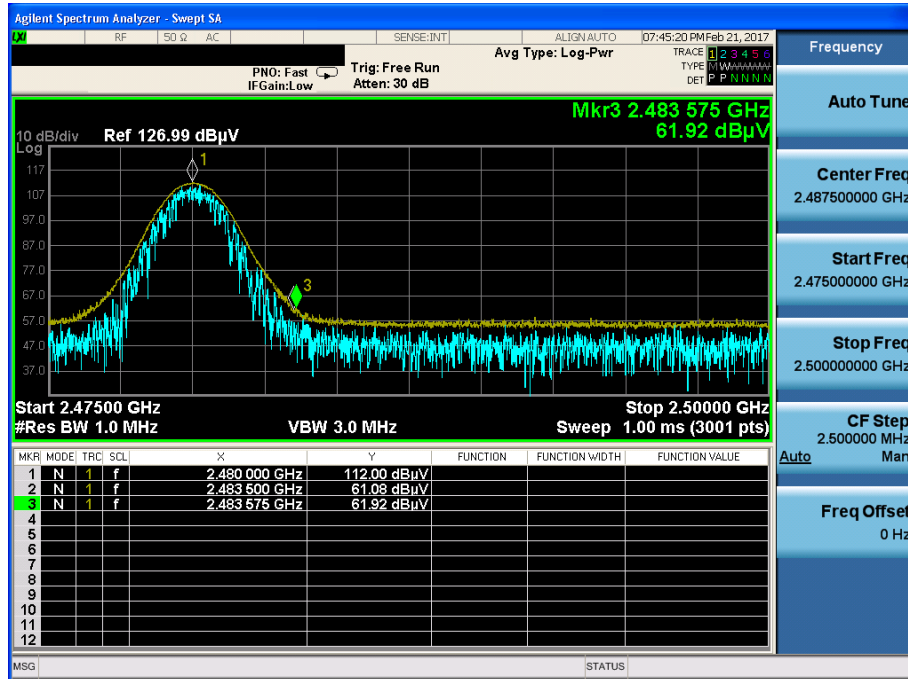
8DPSK & Lowest & Z & Ver

Detector Mode : AV



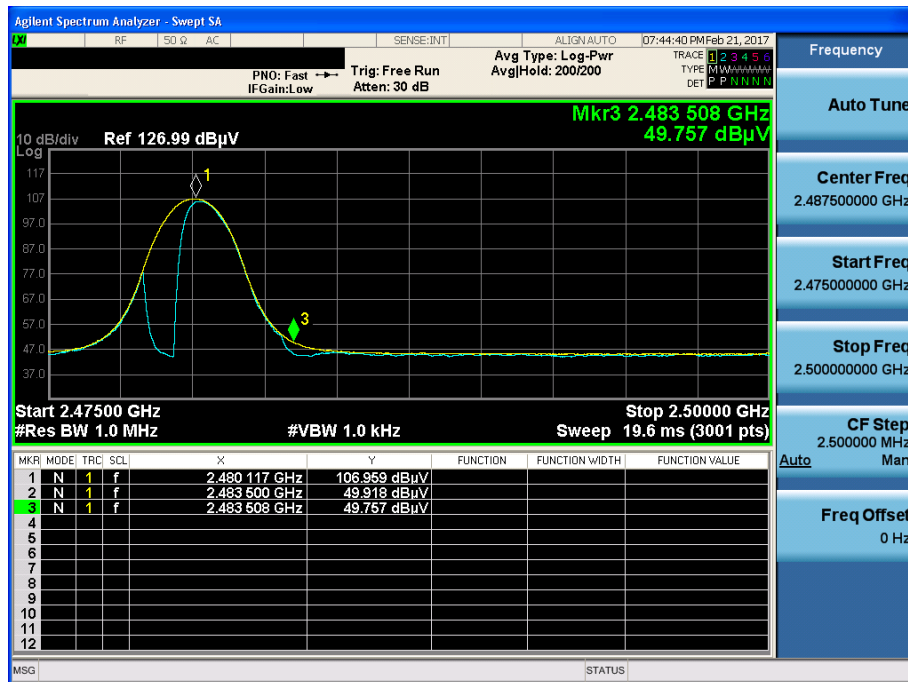
8DPSK & Highest & Z & Ver

Detector Mode : PK



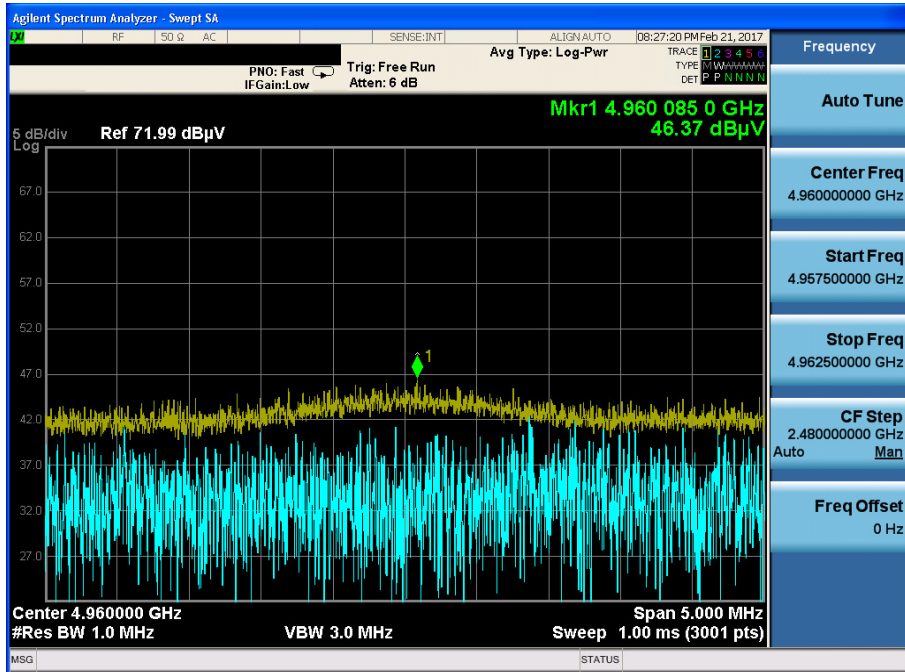
8DPSK & Highest & Z & Ver

Detector Mode : AV



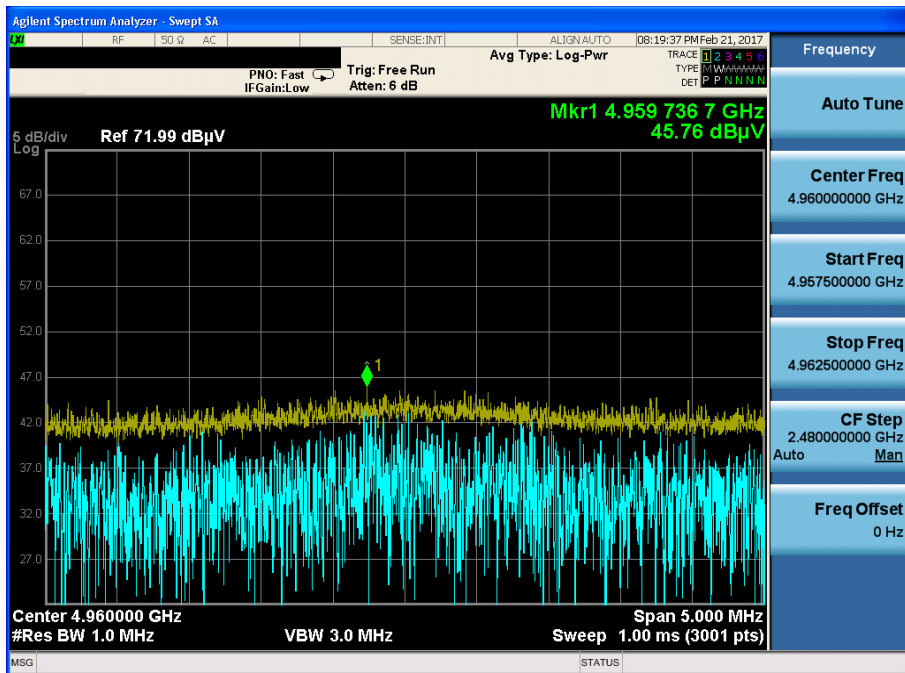
GFSK & Highest & X & Hor

Detector Mode : PK



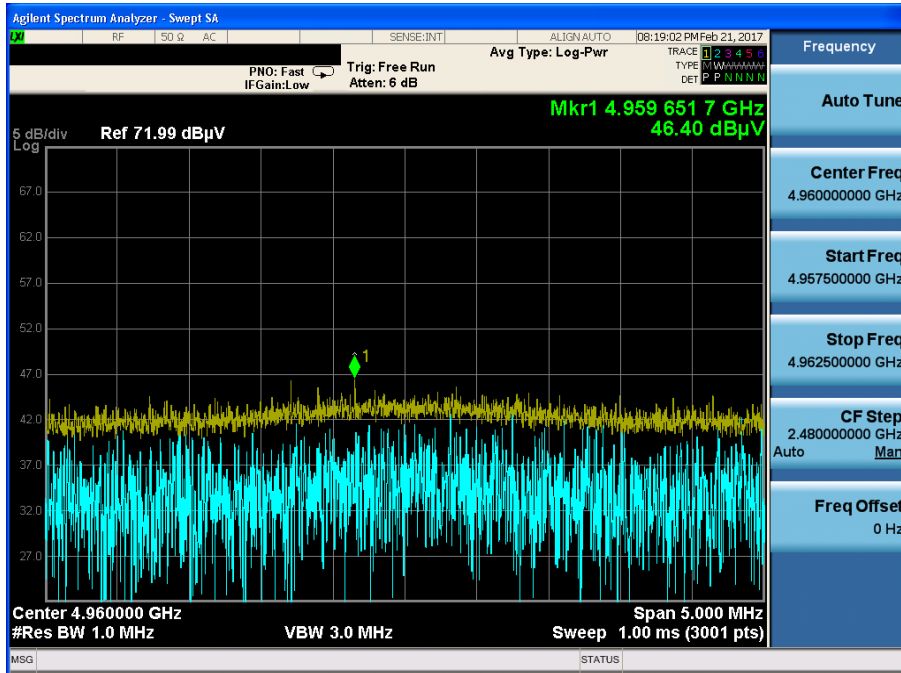
$\pi$ /4DQPSK & Highest & X & Hor

Detector Mode : PK



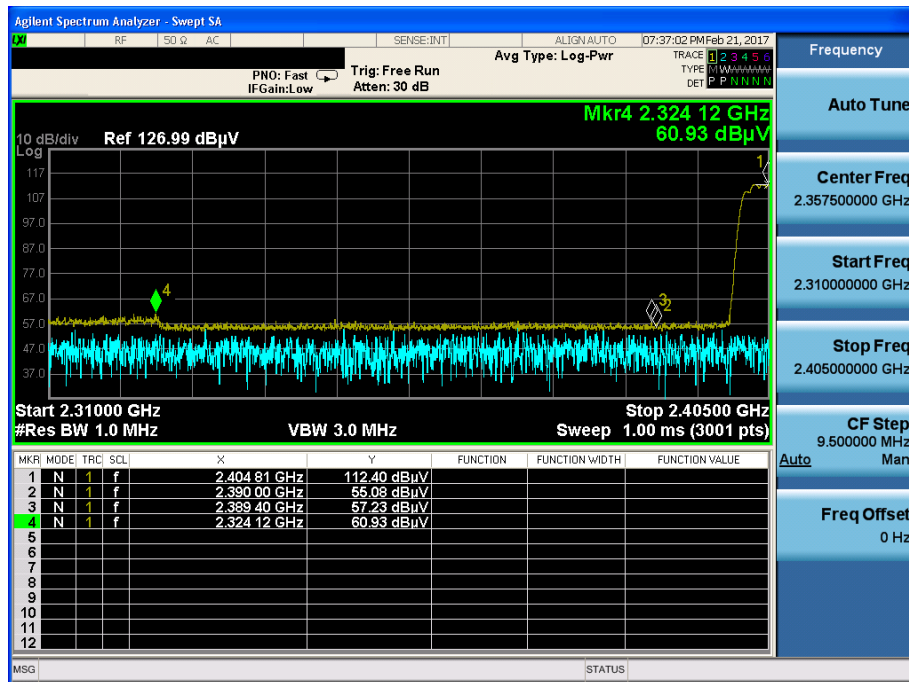
8DPSK & Highest & X & Hor

Detector Mode : PK



GFSK & Hopping mode & Z & Ver

Detector Mode : PK



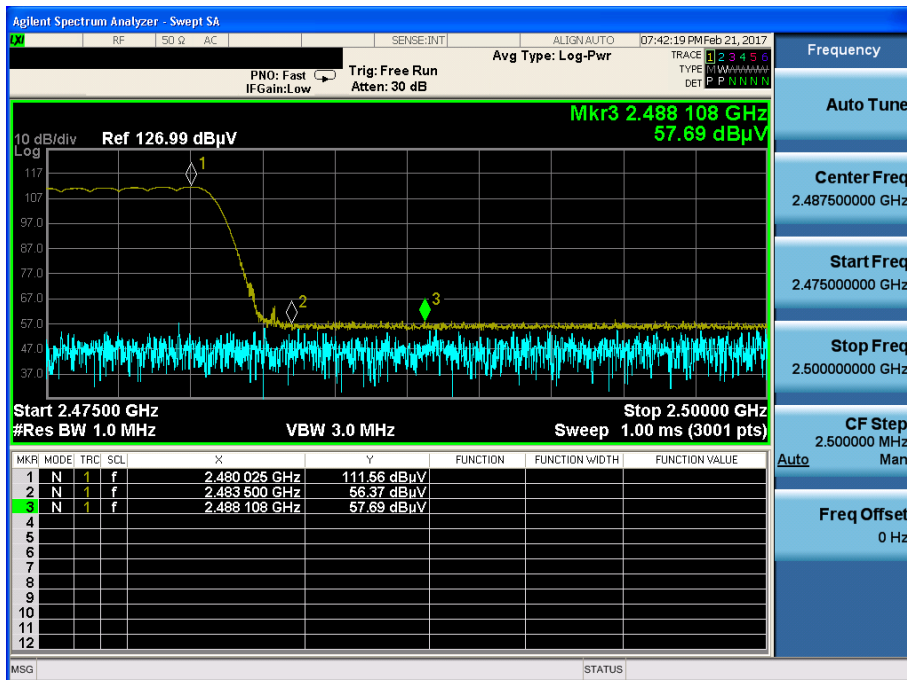
GFSK & Hopping mode & Z & Ver

Detector Mode : AV



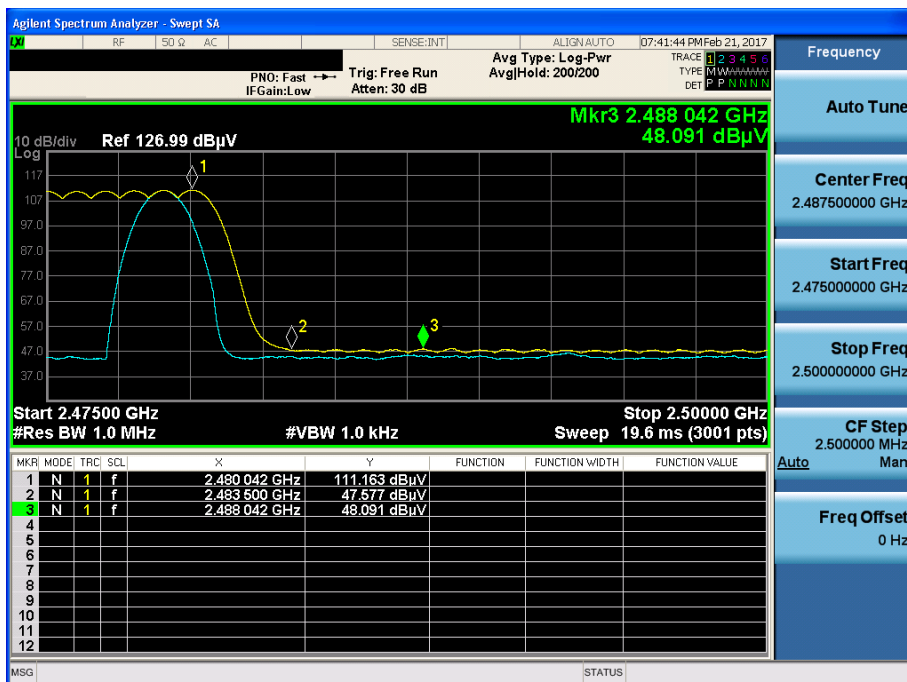
GFSK & Hopping mode & Z & Ver

Detector Mode : PK



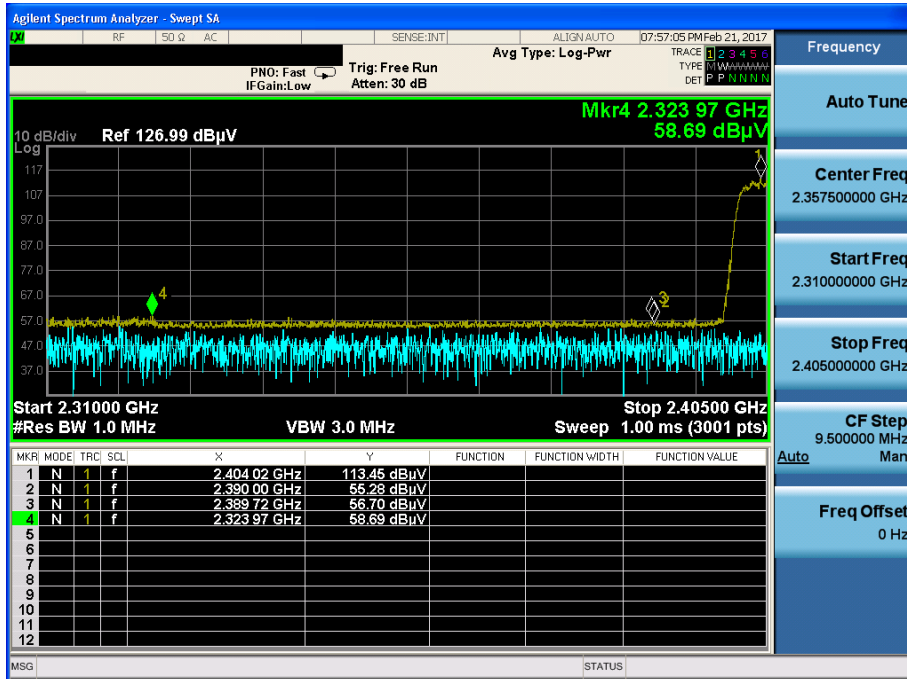
GFSK & Hopping mode & Z & Ver

Detector Mode : AV



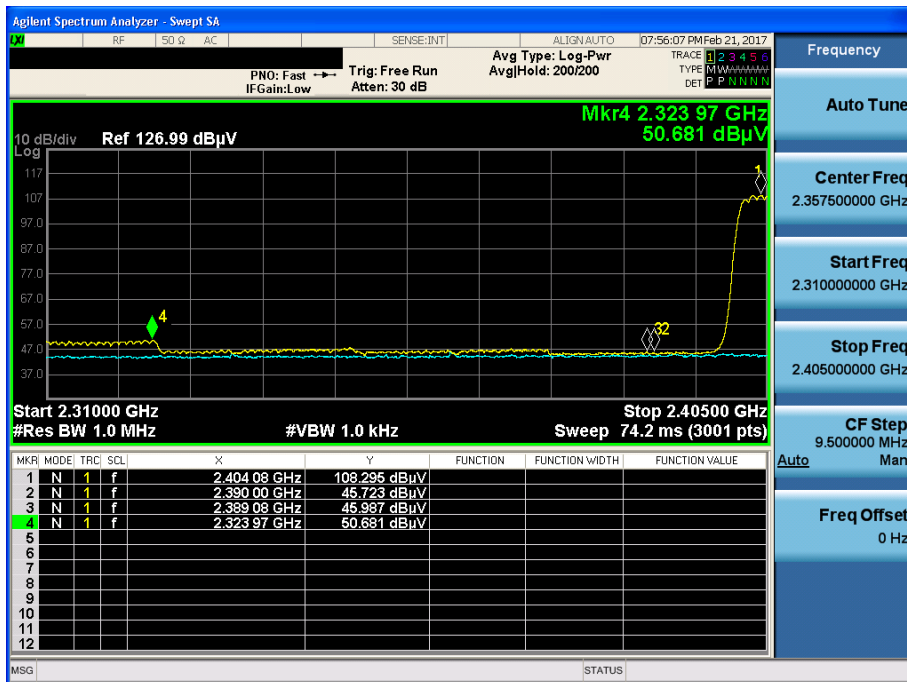
$\pi$ /4DQPSK & Hopping mode & Z & Ver

Detector Mode : PK



$\pi$ /4DQPSK & Hopping mode & Z & Ver

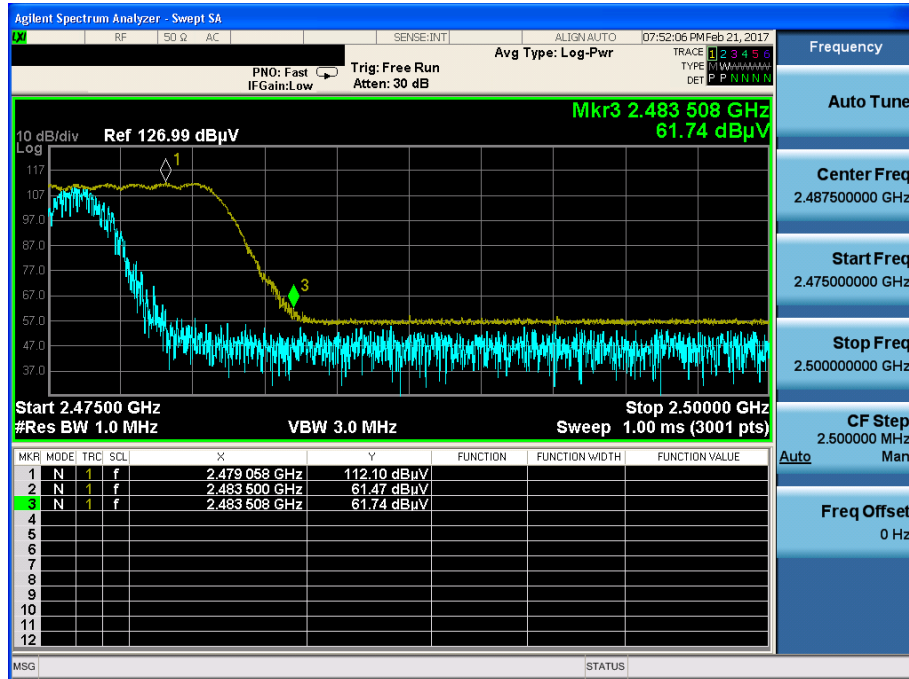
Detector Mode : AV





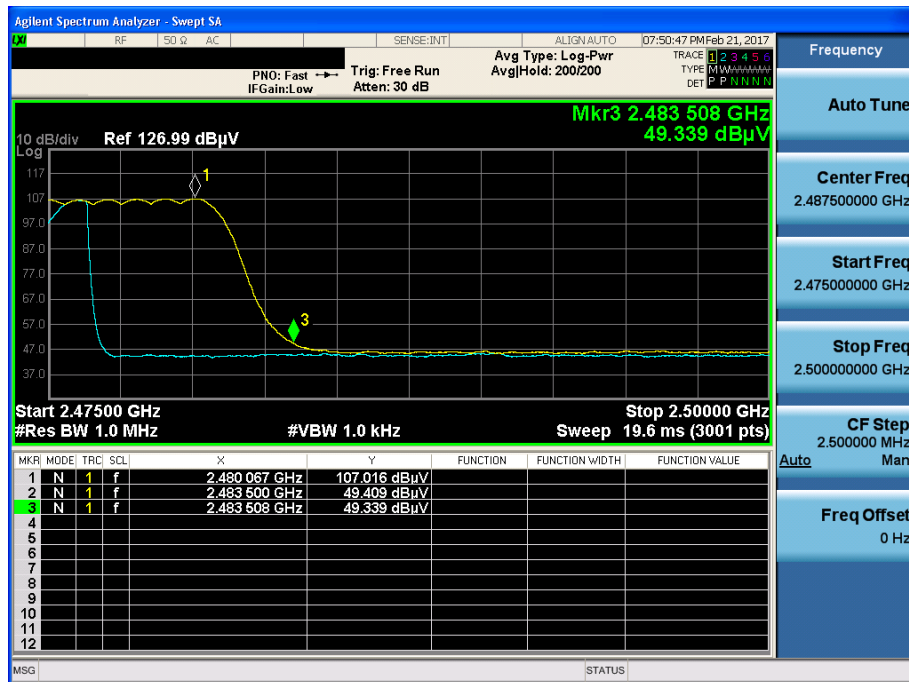
$\pi$ /4DQPSK & Hopping mode & Z & Ver

Detector Mode : PK



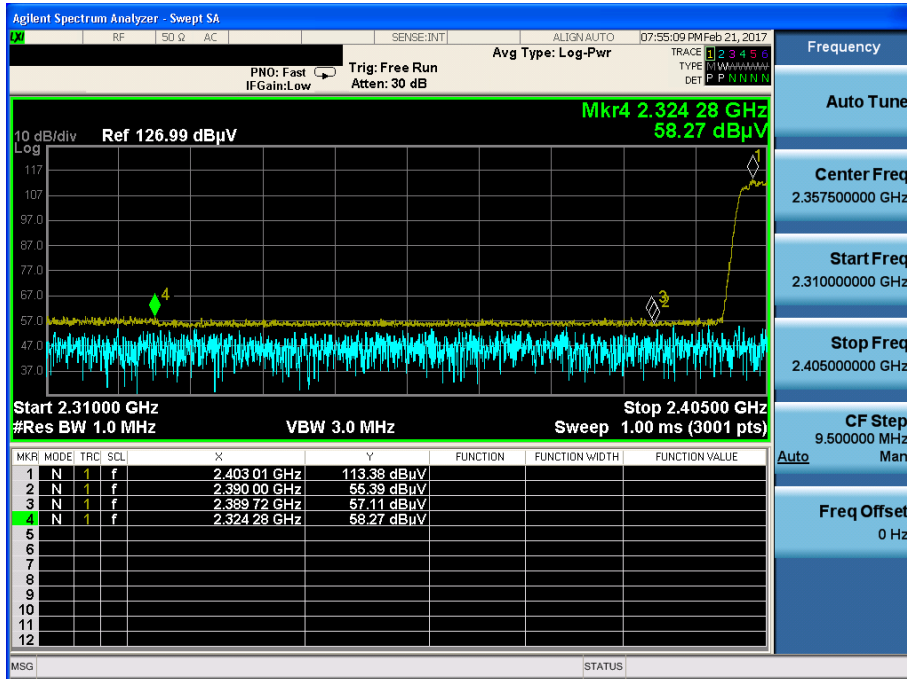
$\pi$ /4DQPSK & Hopping mode & Z & Ver

Detector Mode : AV



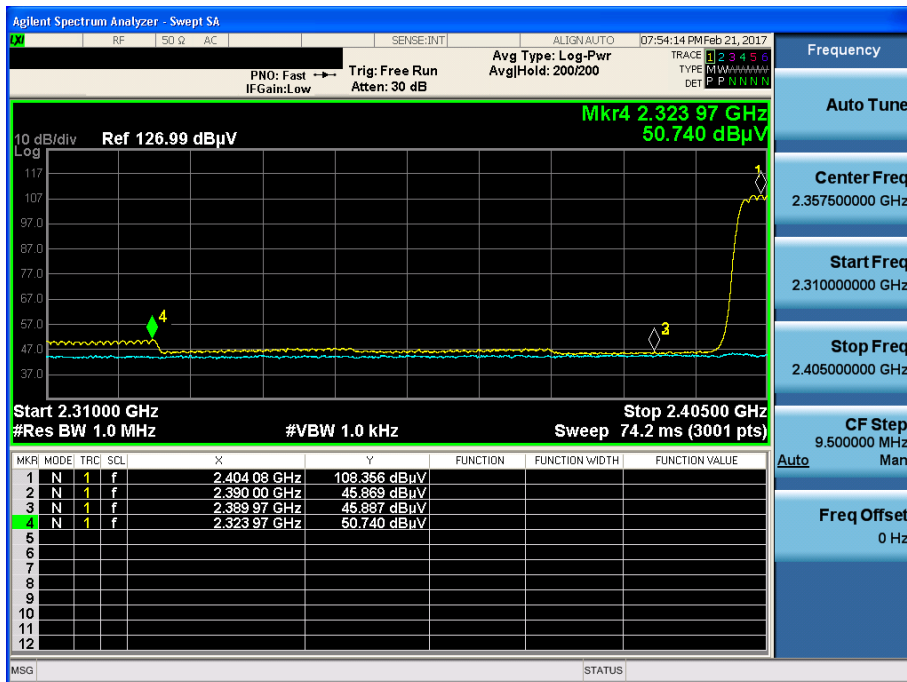
8DPSK & Hopping mode & Z & Ver

Detector Mode : PK



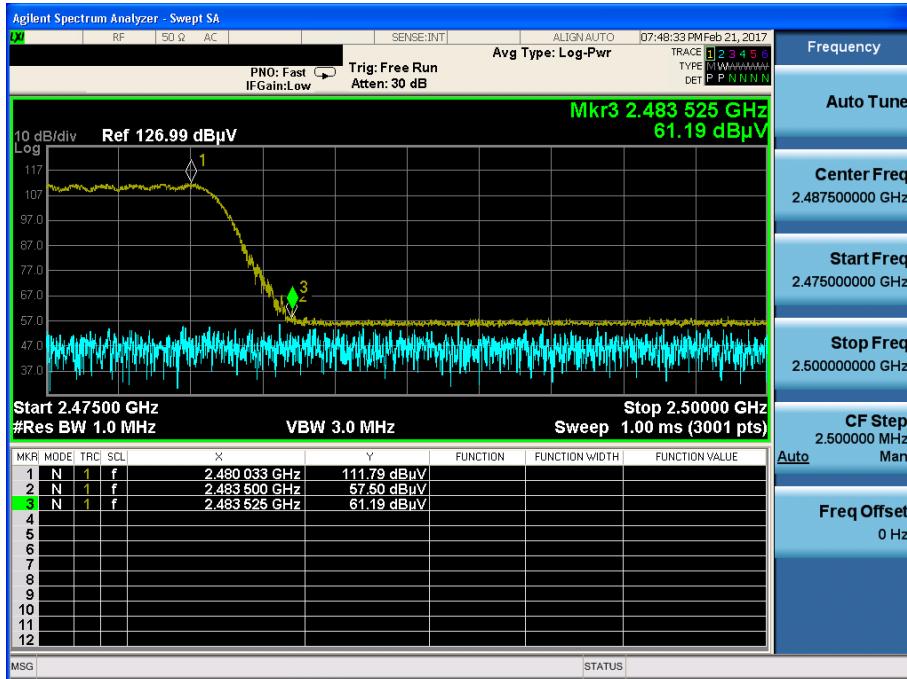
8DPSK & Hopping mode & Z & Ver

Detector Mode : AV



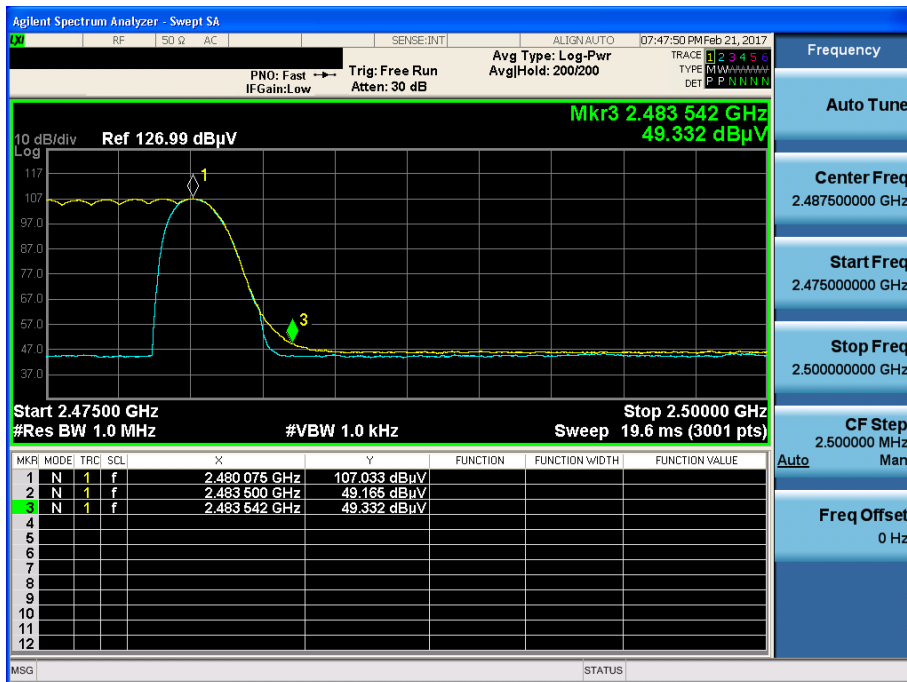
8DPSK & Hopping mode & Z & Ver

Detector Mode : PK



8DPSK & Hopping mode & Z & Ver

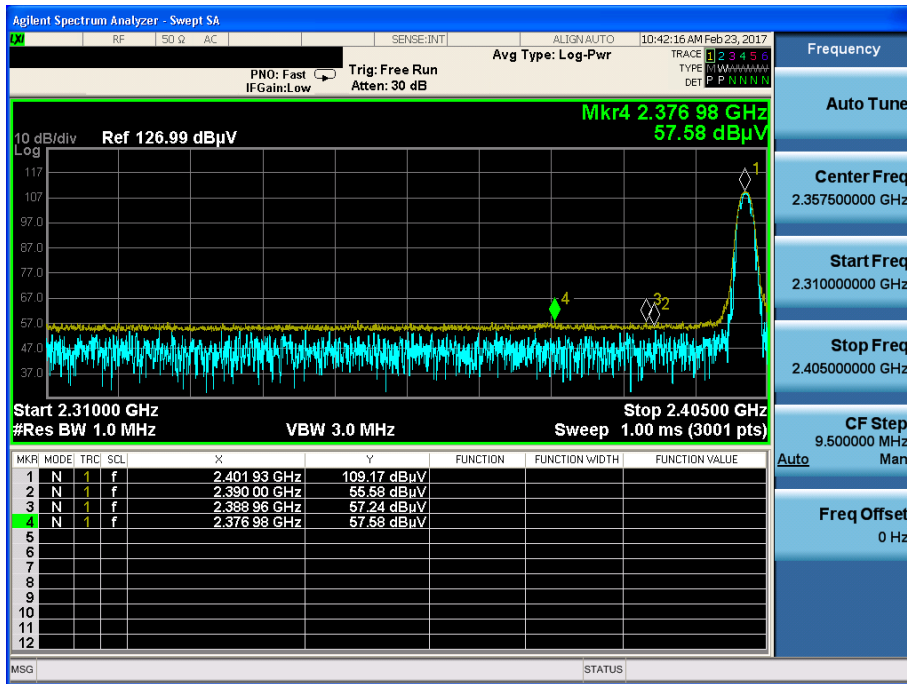
Detector Mode : AV



### Unwanted Emissions (Radiated) Test Plot\_Module 1

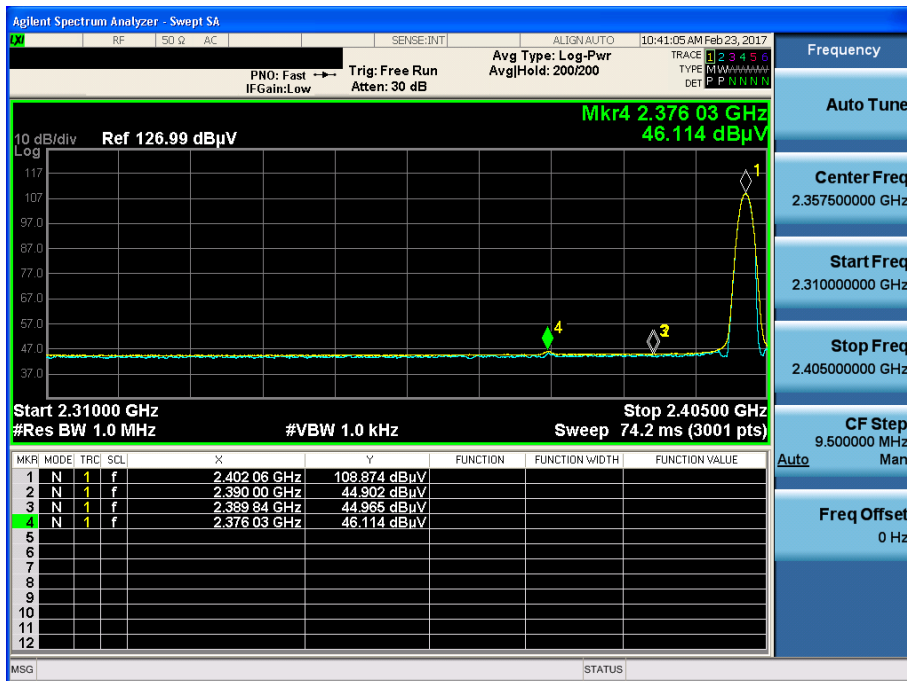
GFSK & Lowest & X & Hor

Detector Mode : PK



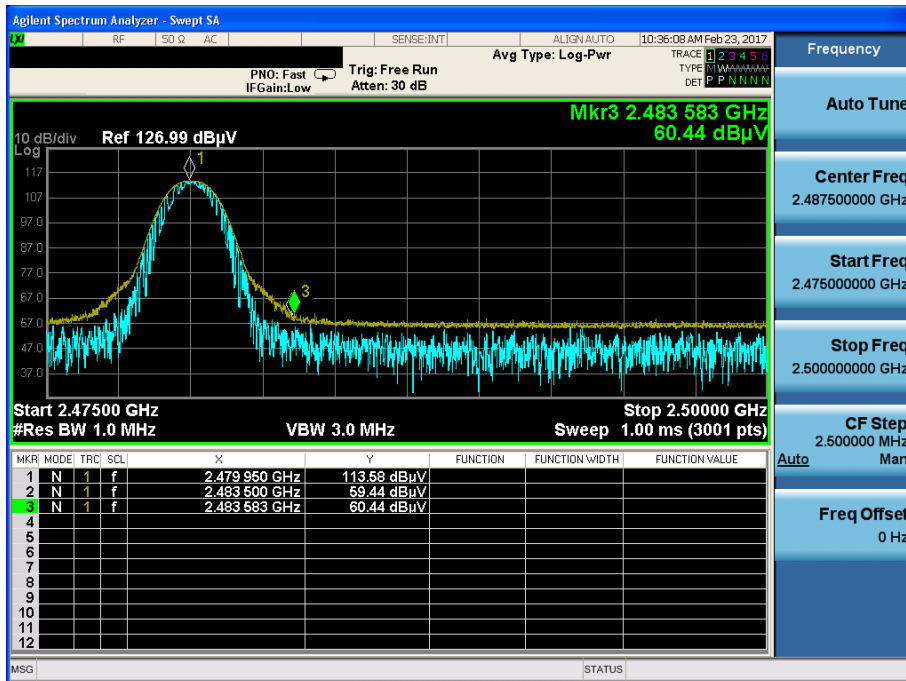
GFSK & Lowest & X & Hor

Detector Mode : AV



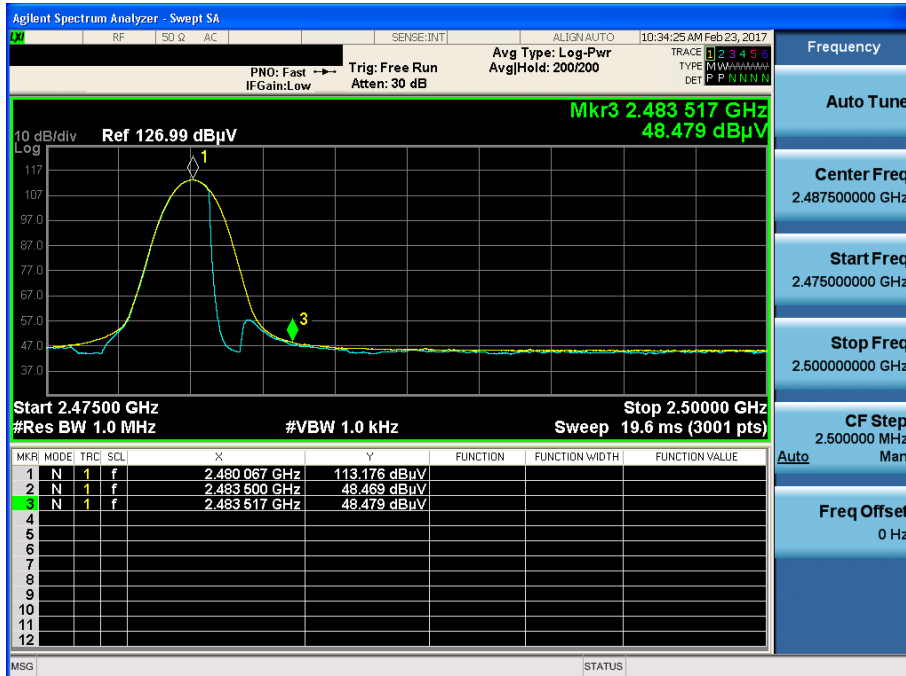
GFSK & Highest & X & Hor

Detector Mode : PK



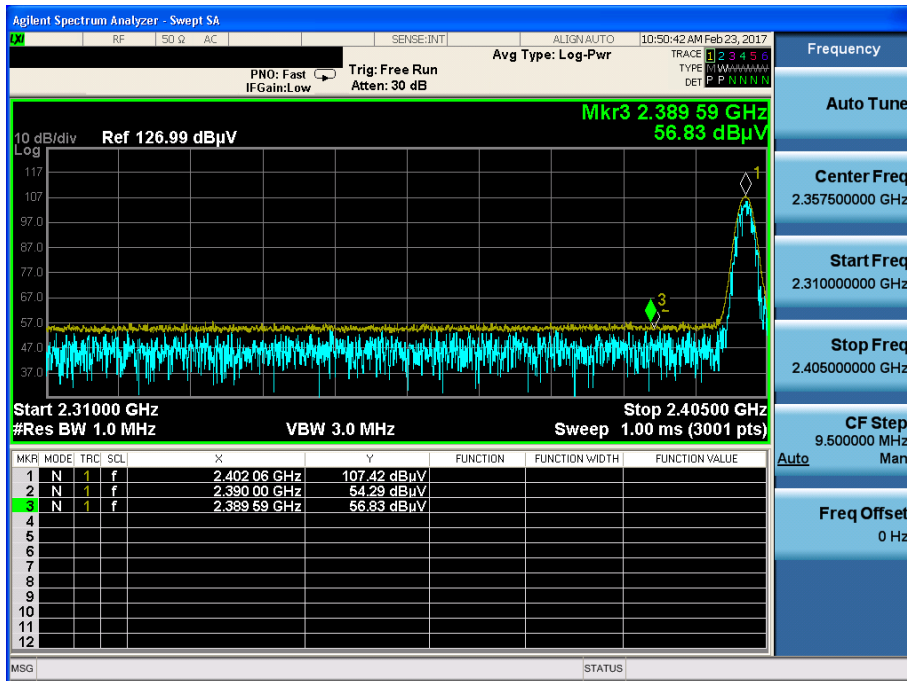
GFSK & Highest & X & Hor

Detector Mode : AV



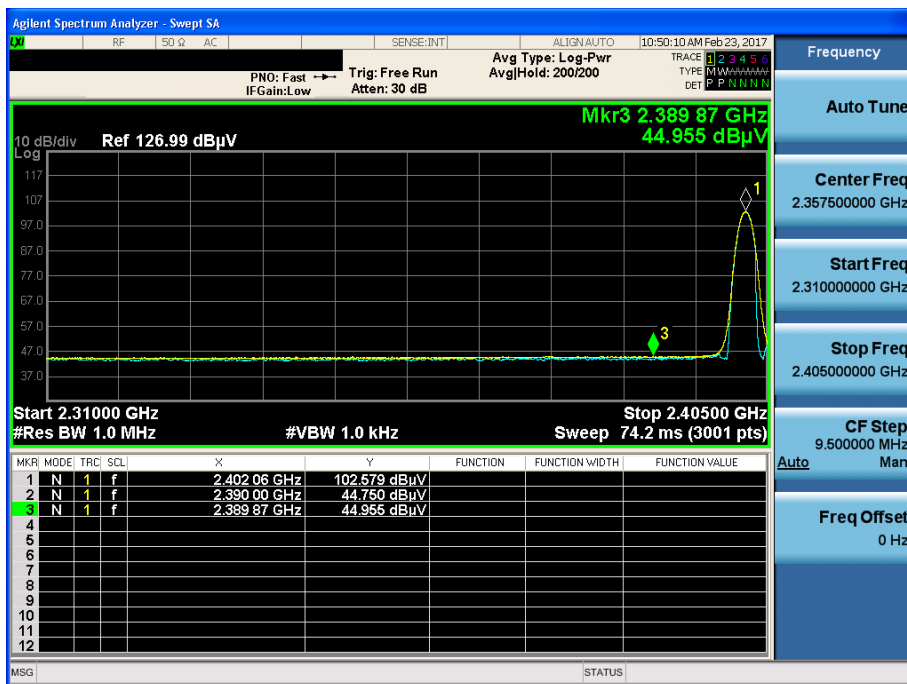
$\pi$ /4DQPSK & Lowest & X & Hor

Detector Mode : PK



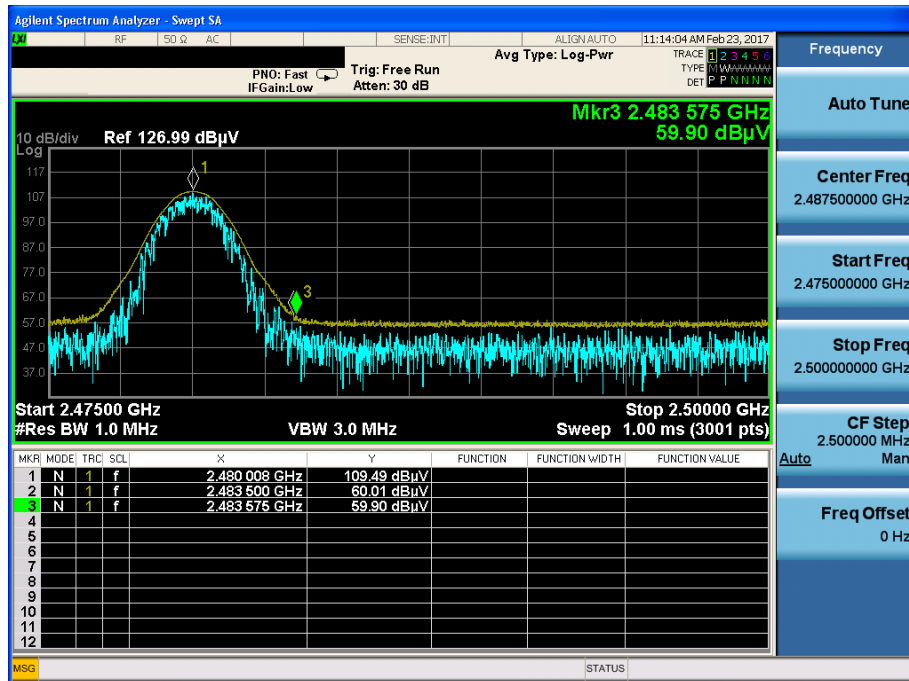
$\pi$ /4DQPSK & Lowest & X & Hor

Detector Mode : AV



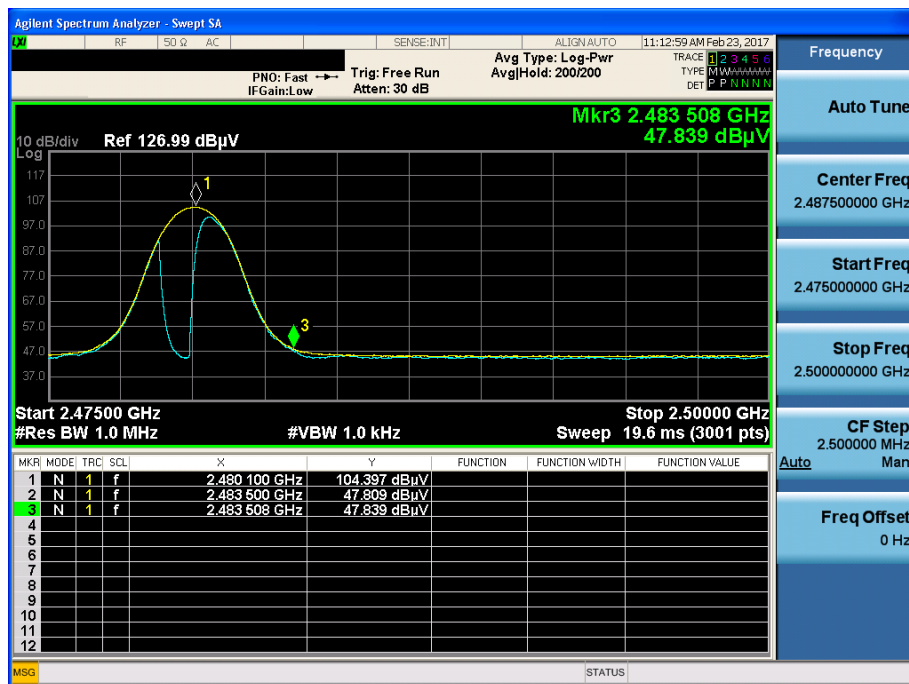
$\pi/4$ DQPSK & Highest & X & Hor

Detector Mode : PK



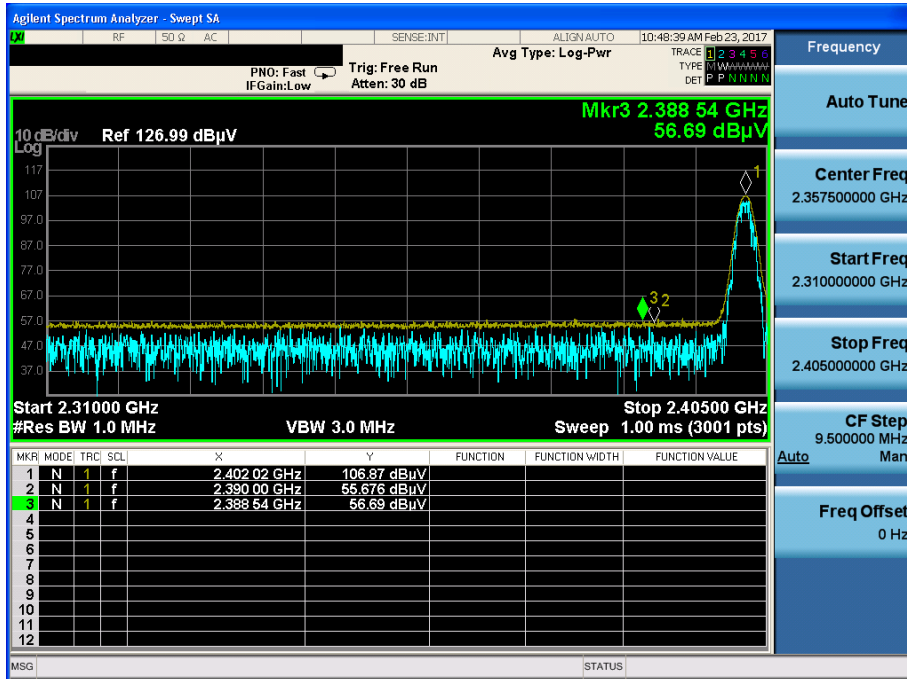
$\pi/4$ DQPSK & Highest & X & Hor

Detector Mode : AV



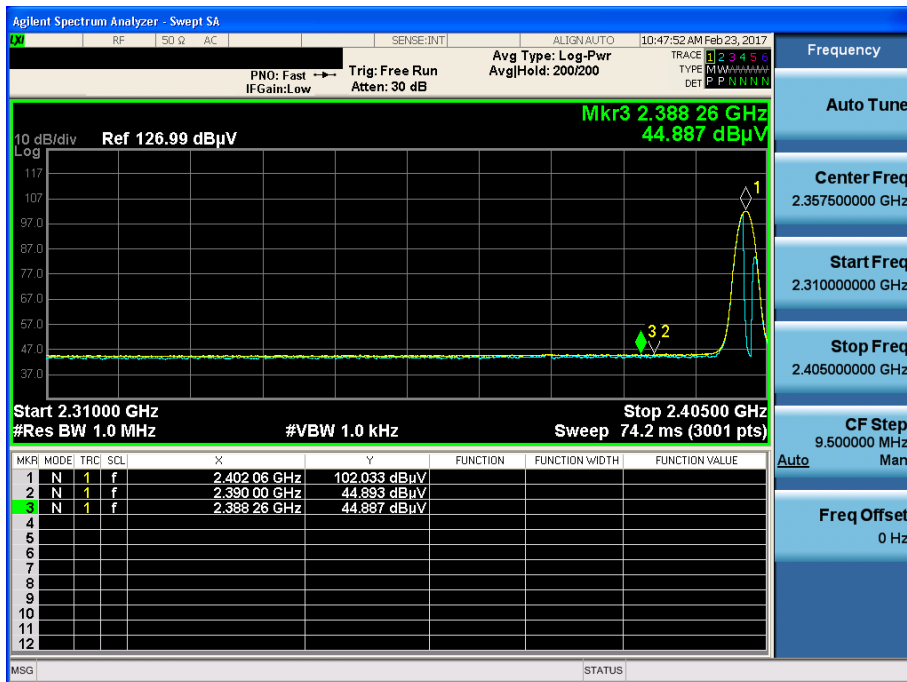
8DPSK & Lowest & X & Hor

Detector Mode : PK



8DPSK & Lowest & X & Hor

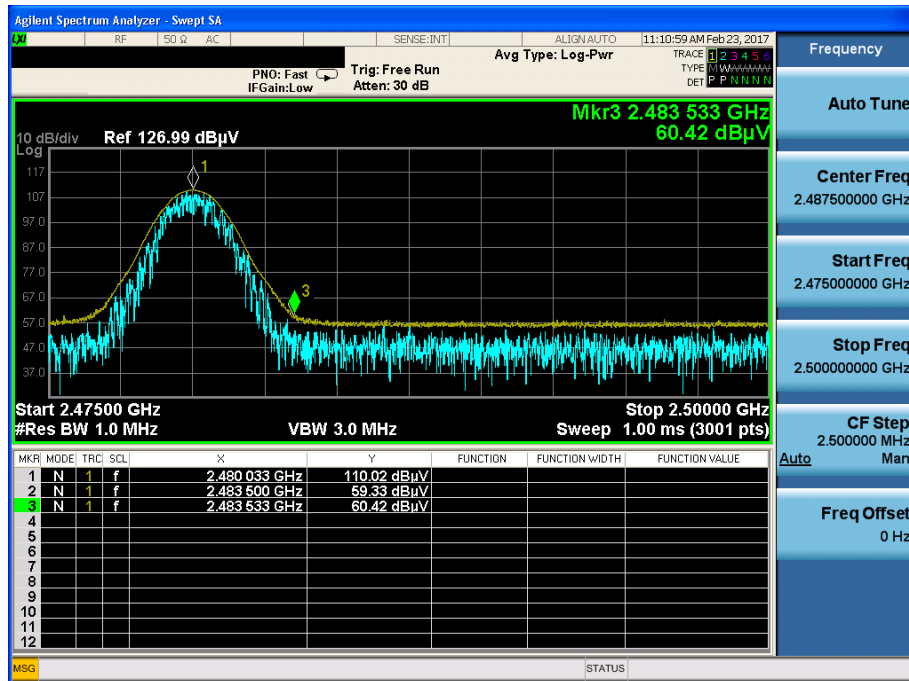
Detector Mode : AV





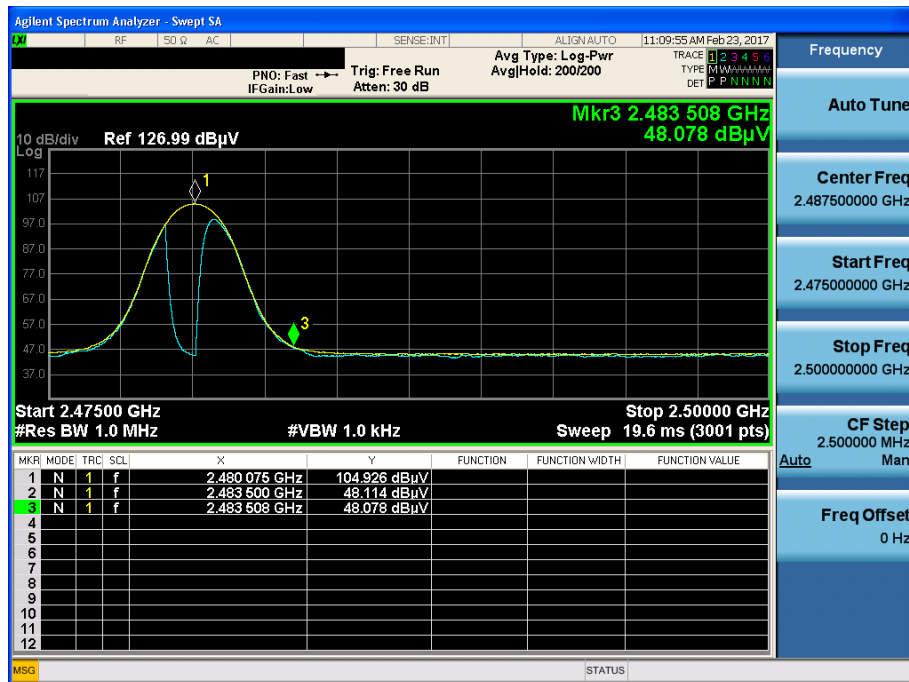
8DPSK & Highest & X & Hor

Detector Mode : PK



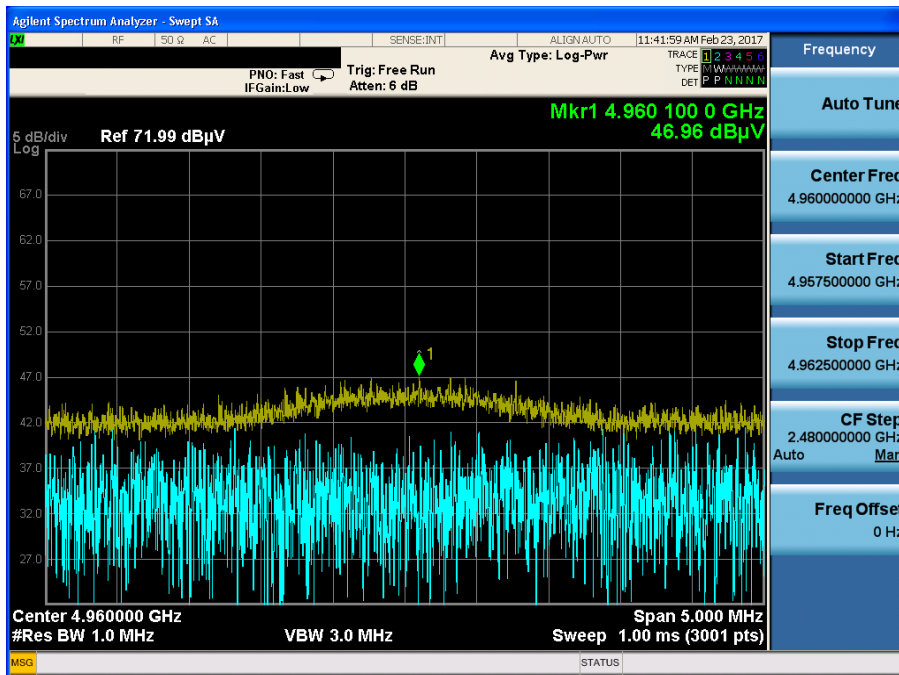
8DPSK & Highest & X & Hor

Detector Mode : AV



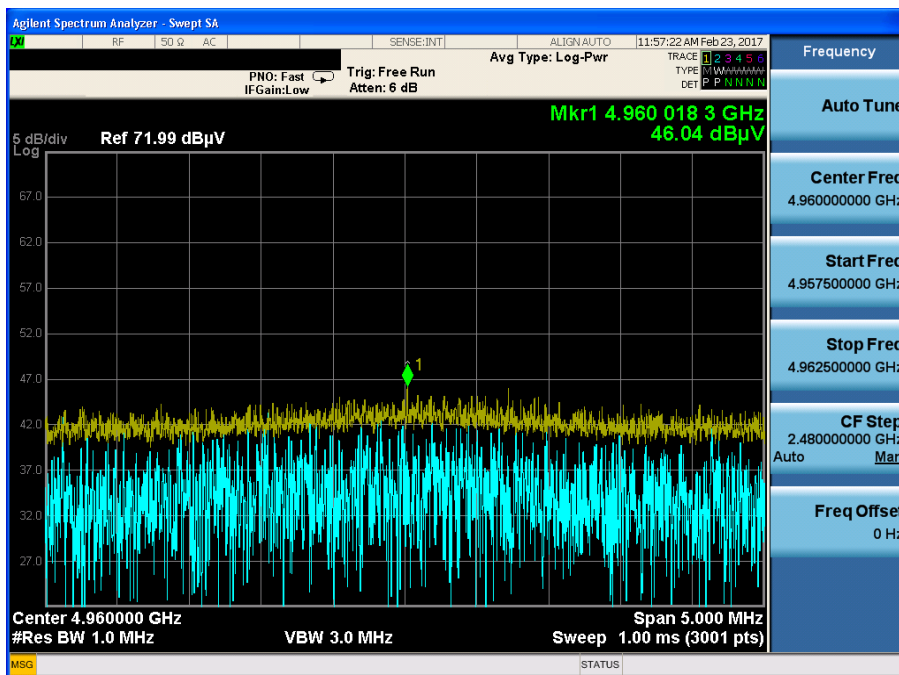
GFSK & Highest & X & Hor

Detector Mode : PK



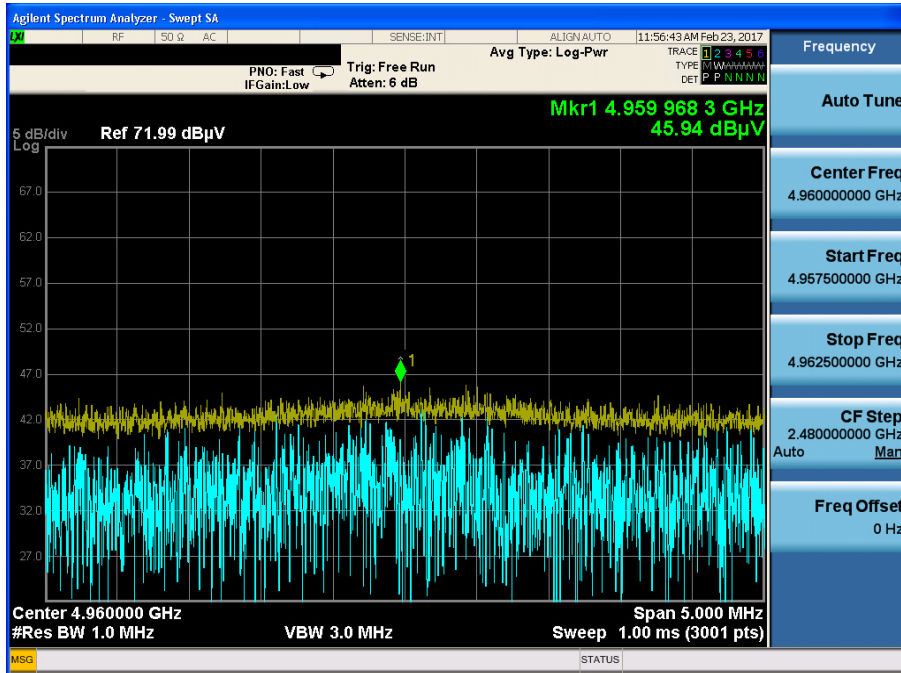
$\pi/4$ DQPSK & Highest & X & Hor

Detector Mode : PK



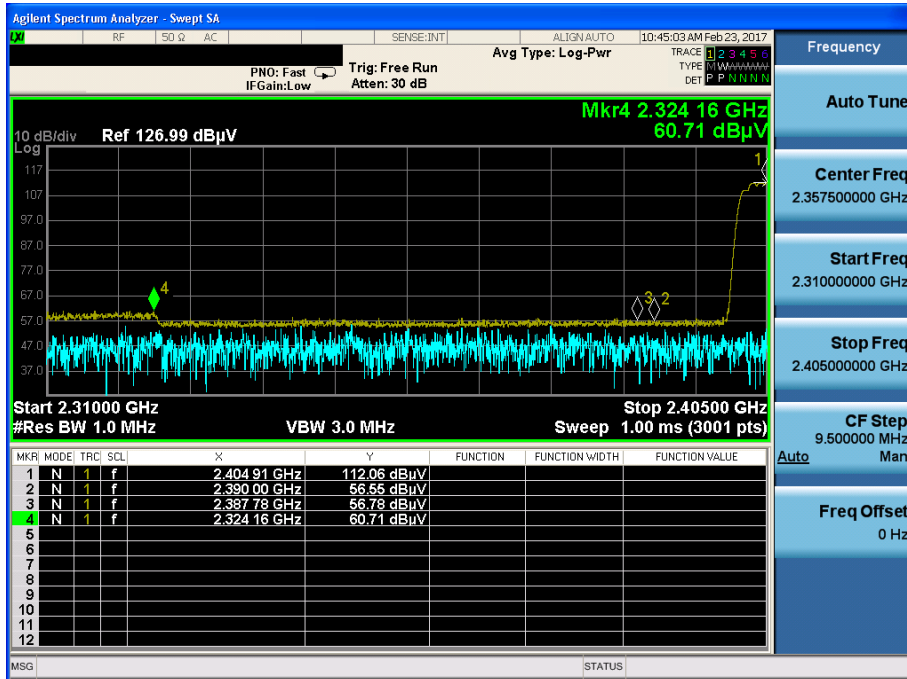
8DPSK & Highest & X & Hor

Detector Mode : PK



GFSK & Hopping mode & X & Hor

Detector Mode : PK



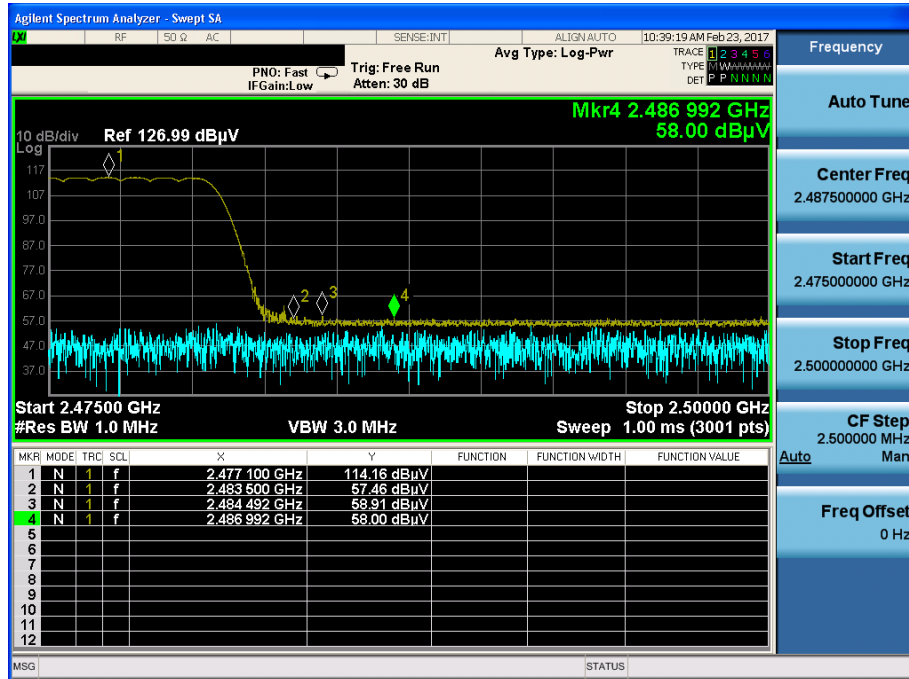
GFSK & Hopping mode & X & Hor

Detector Mode : AV



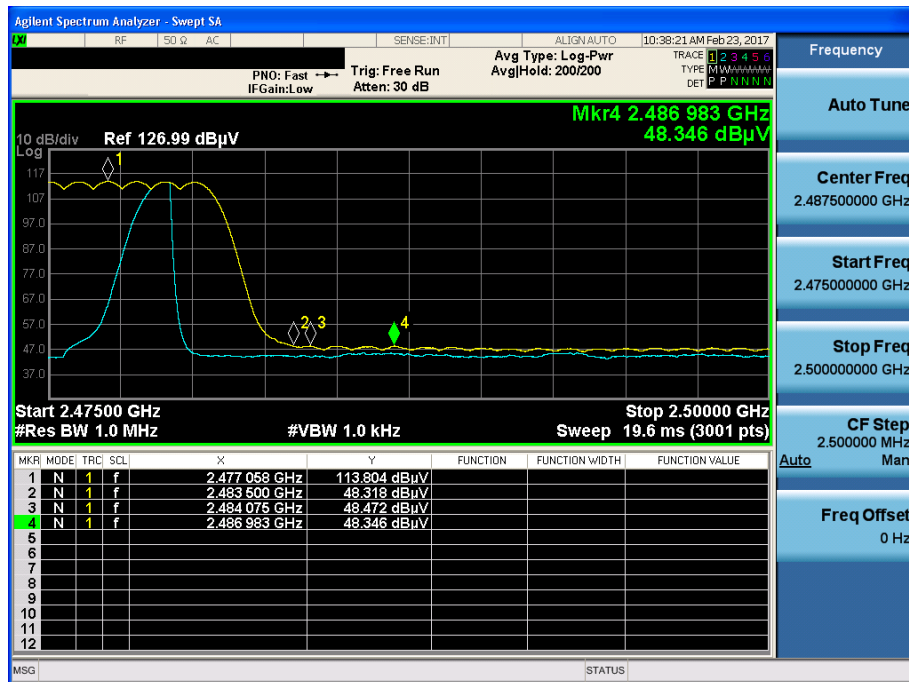
GFSK & Hopping mode & X & Hor

Detector Mode : PK



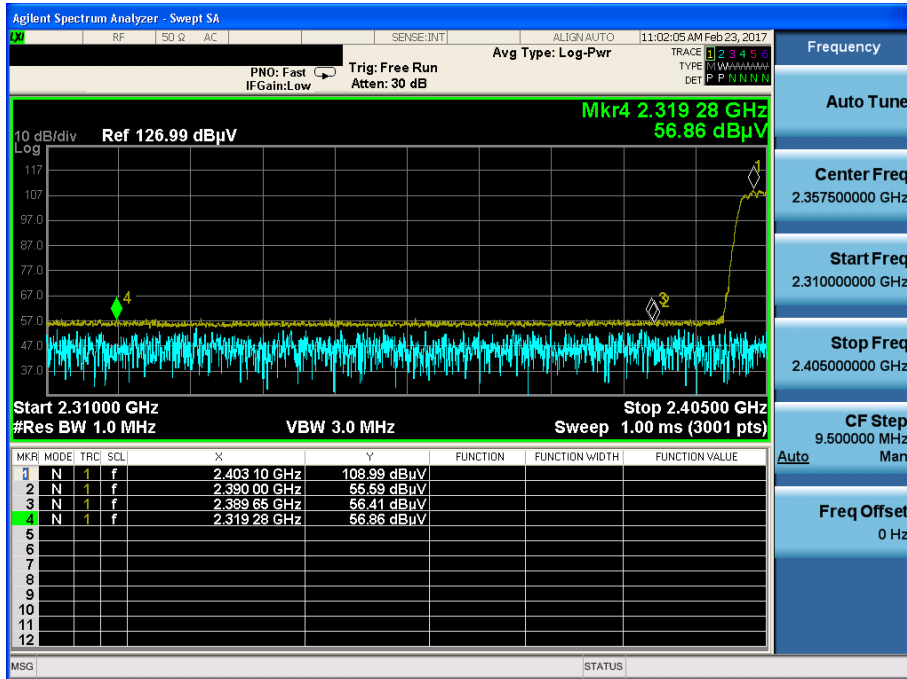
GFSK & Hopping mode & X & Hor

Detector Mode : AV



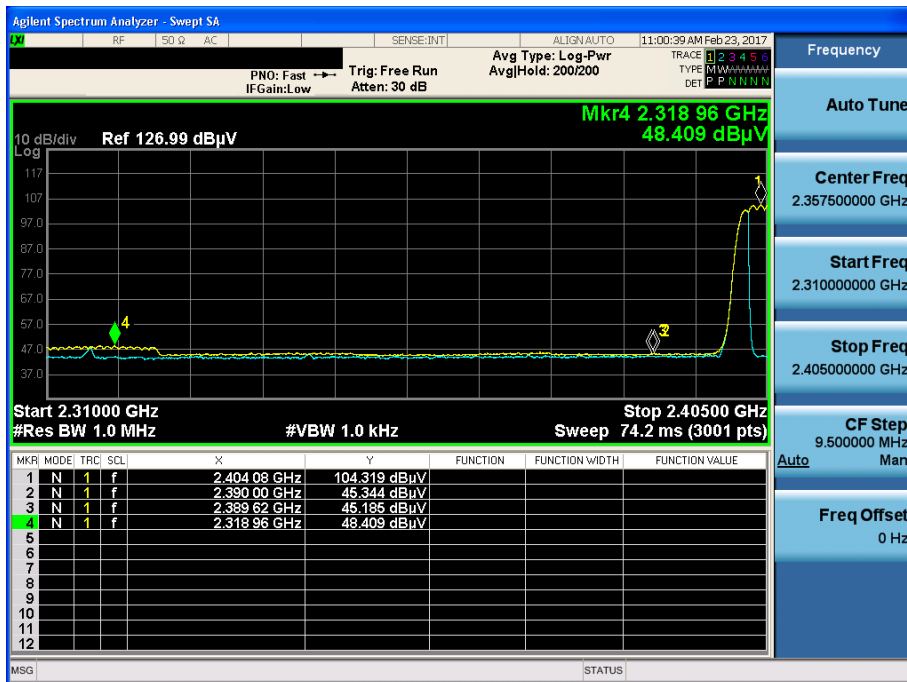
$\pi$ /4DQPSK & Hopping mode & X & Hor

Detector Mode : PK



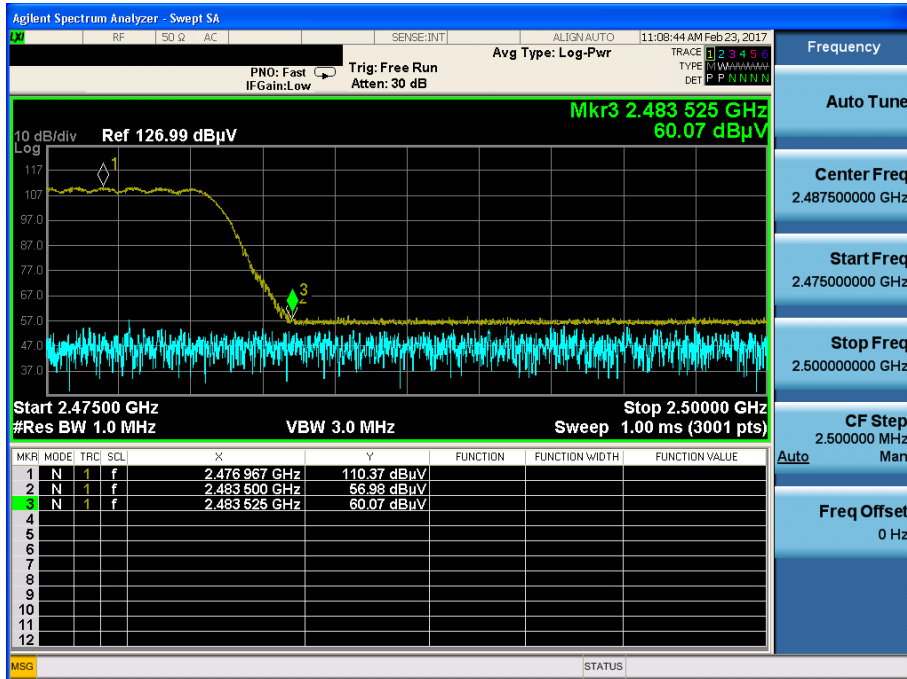
$\pi$ /4DQPSK & Hopping mode & X & Hor

Detector Mode : AV



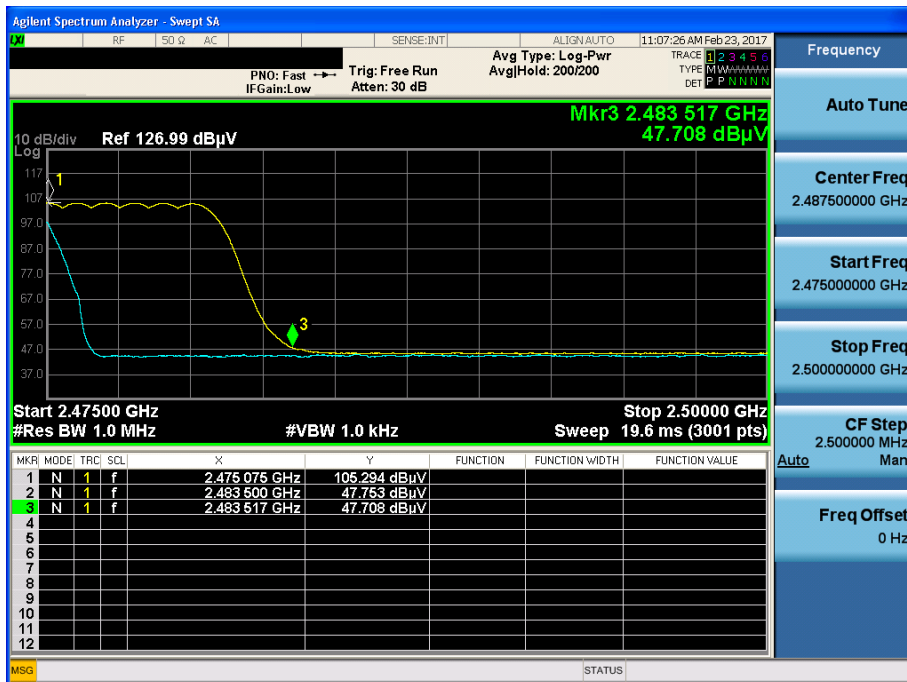
$\pi$ /4DQPSK & Hopping mode & X & Hor

Detector Mode : PK



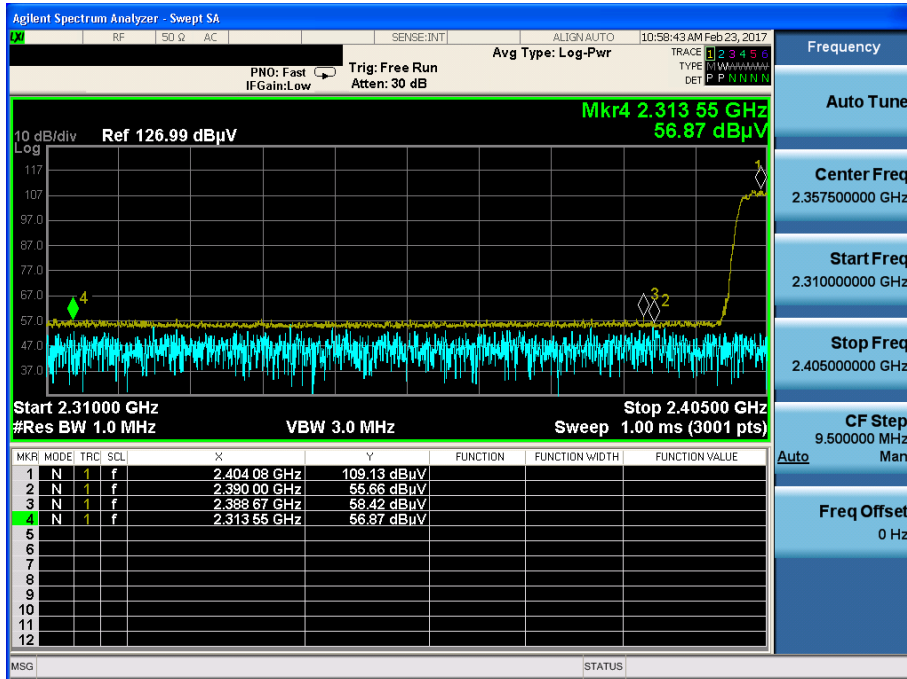
$\pi$ /4DQPSK & Hopping mode & X & Hor

Detector Mode : AV



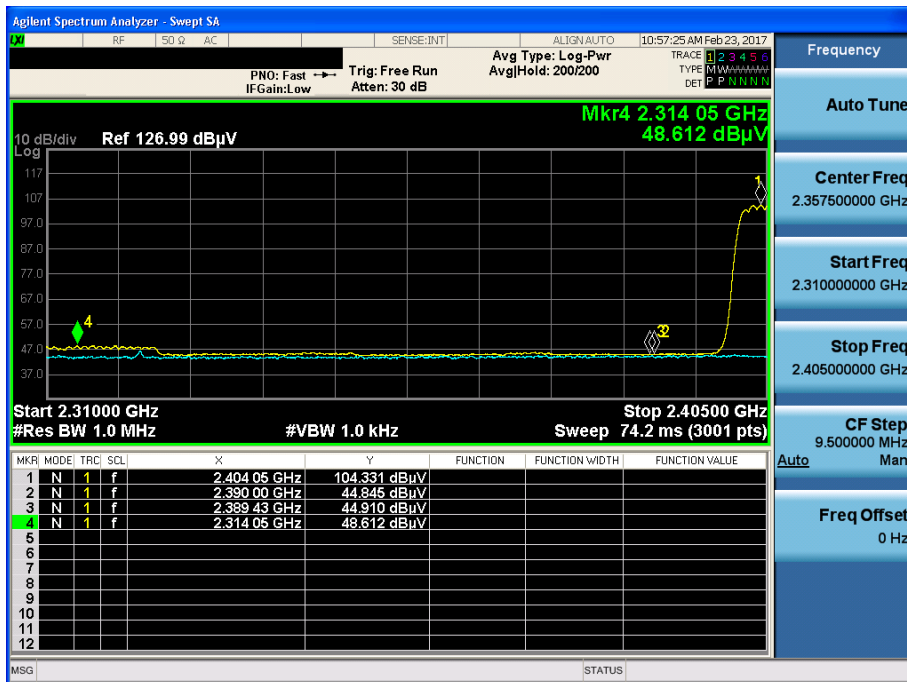
8DPSK & Hopping mode & X & Hor

Detector Mode : PK



8DPSK & Hopping mode & X & Hor

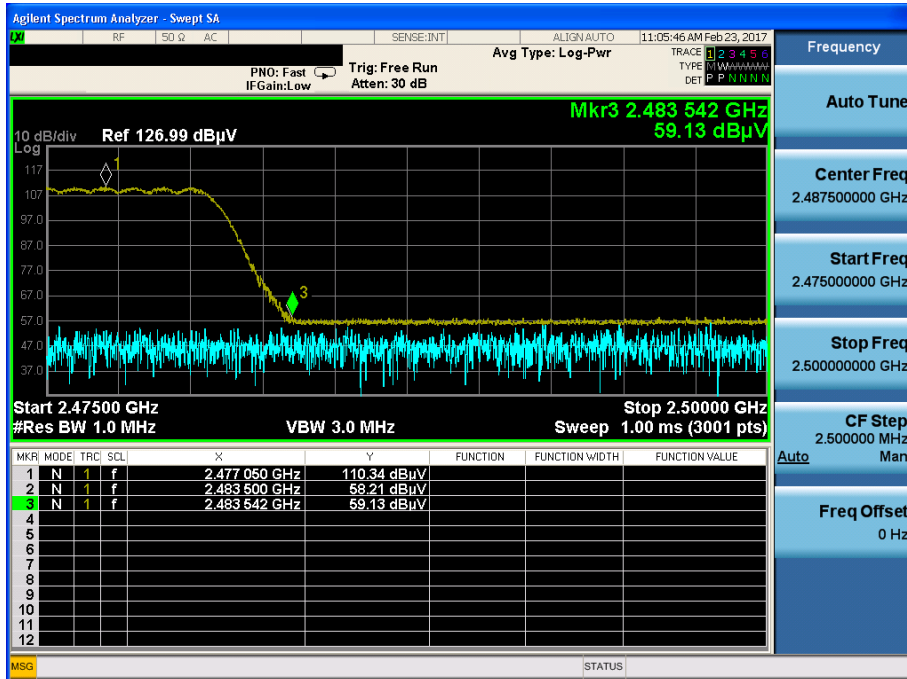
Detector Mode : AV





8DPSK & Hopping mode & X & Hor

Detector Mode : PK



8DPSK & Hopping mode & X & Hor

Detector Mode : AV

