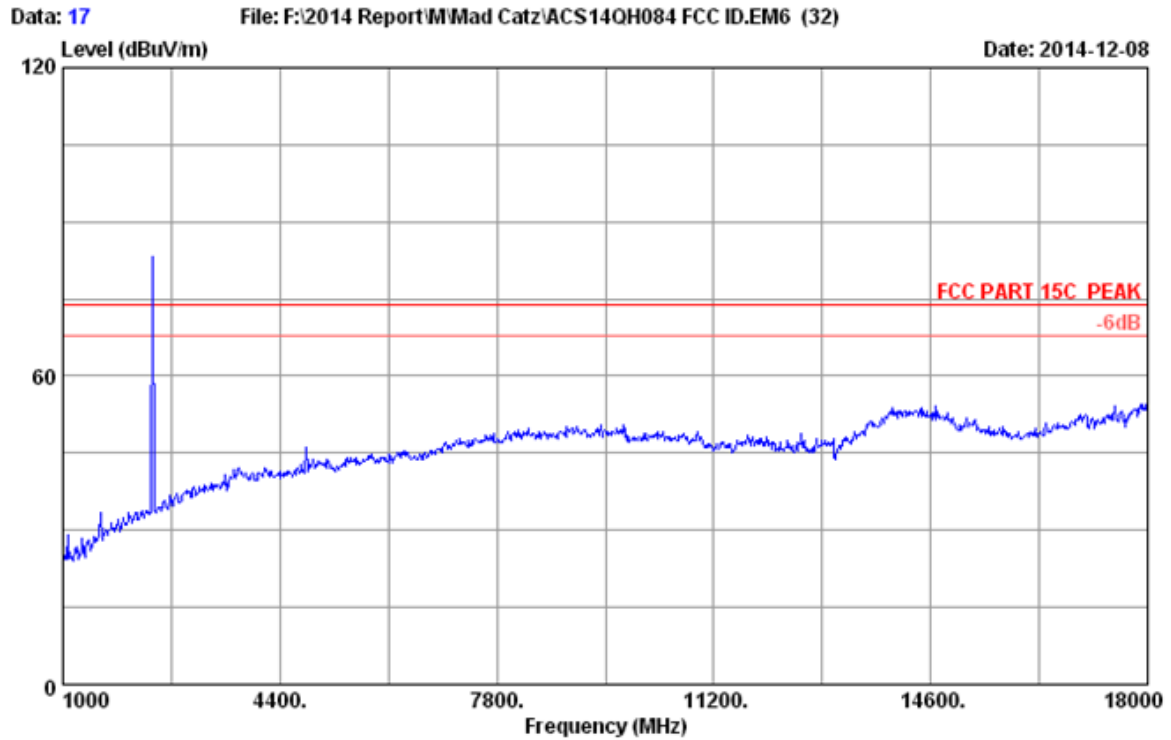
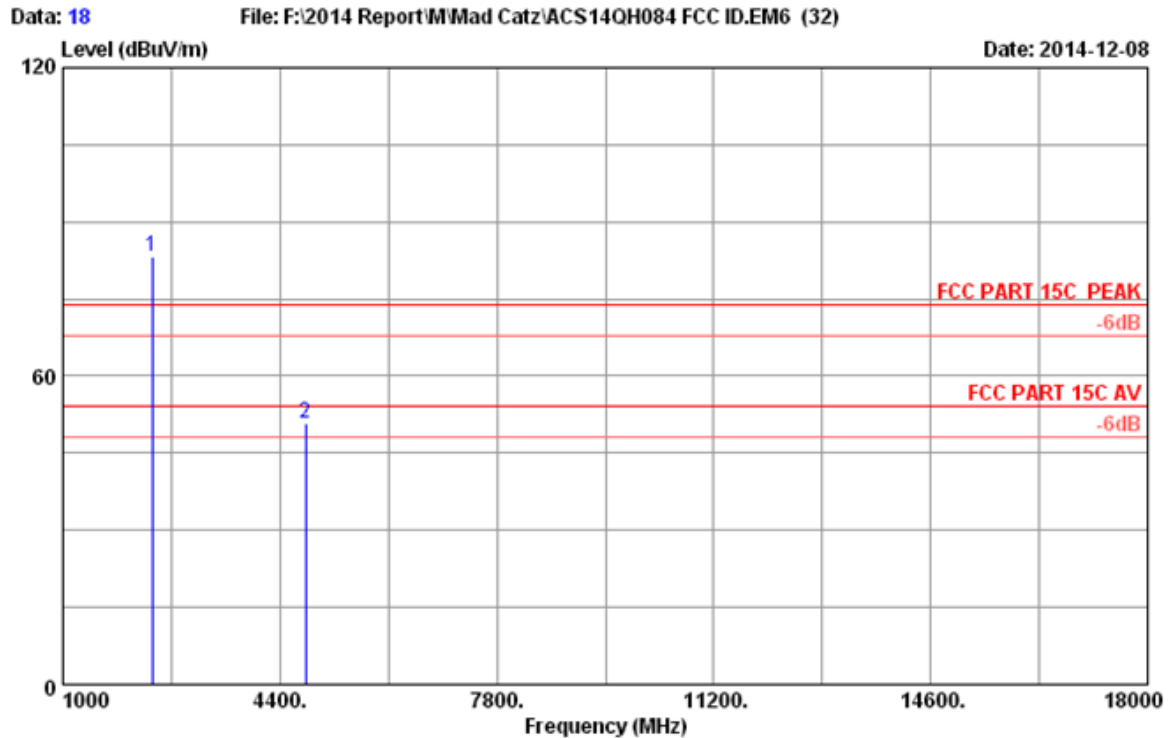




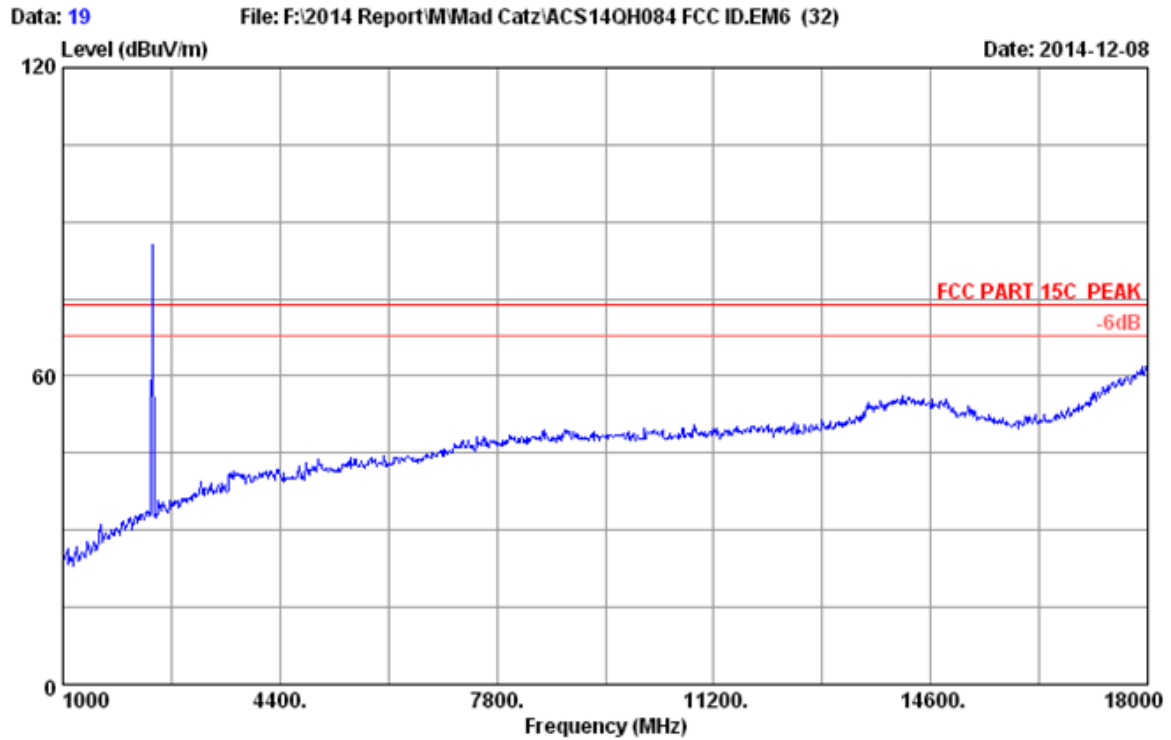
Site no. : 3m Chamber Data no. : 17
 Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54%
 Engineer : Kobe
 EUT : L.Y.N.X.9 Mobile Hybrid Controller
 Power rating : DC 3.7V
 Test Mode : 8-DPSK 2402MHz Tx Mode
 M/N : 32267



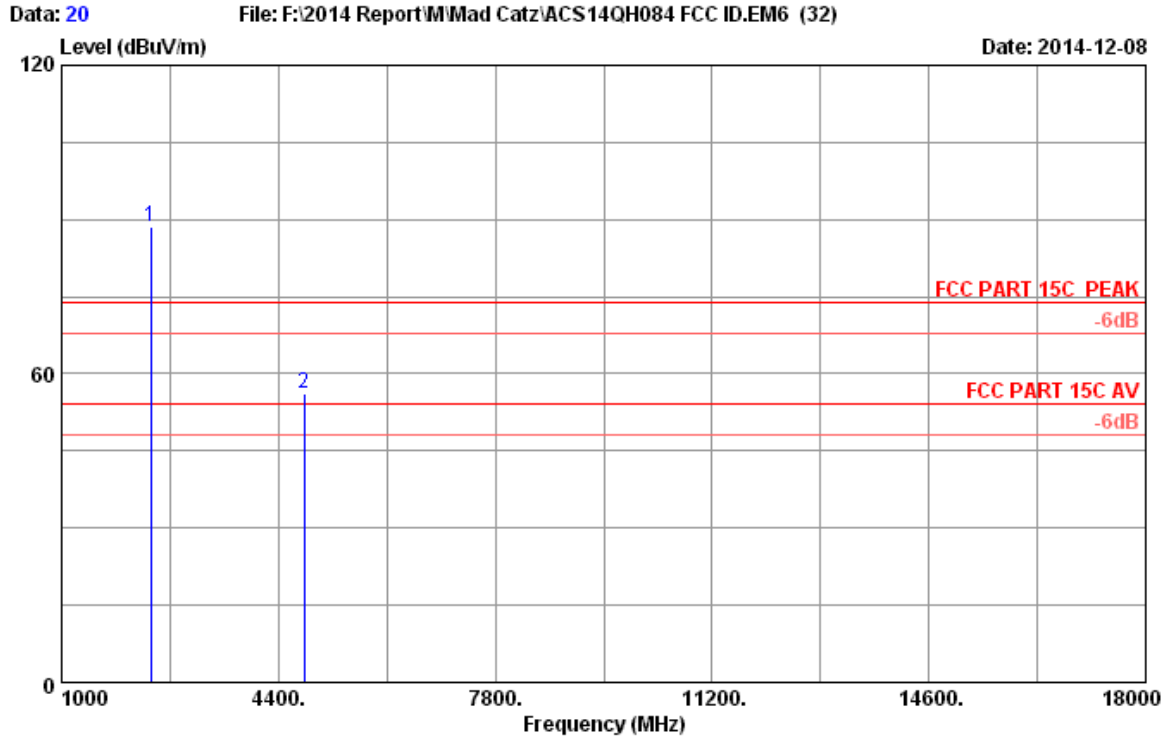
Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54%
Engineer : Kobe
EUT : L.Y.N.X.9 Mobile Hybrid Controller
Power rating : DC 3.7V
Test Mode : 8-DPSK 2402MHz Tx Mode
M/N : 32267

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2402.000	28.18	5.80	35.70	85.00	83.28	74.00	-9.28	Peak
2	4804.000	32.85	8.56	35.70	44.98	50.69	74.00	23.31	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.



Site no. : 3m Chamber Data no. : 19
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54%
Engineer : Kobe
EUT : L.Y.N.X.9 Mobile Hybrid Controller
Power rating : DC 3.7V
Test Mode : 8-DPSK 2402MHz Tx Mode
M/N : 32267

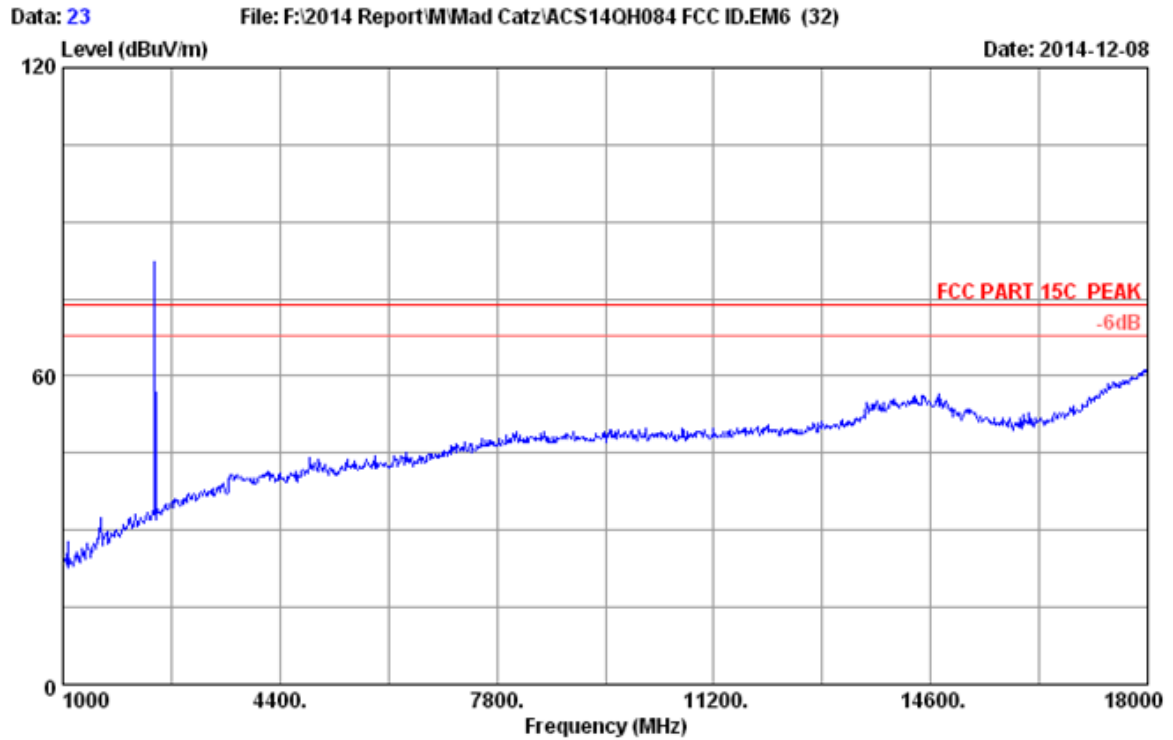


Site no. : 3m Chamber Data no. : 20
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54%
Engineer : Kobe
EUT : L.Y.N.X.9 Mobile Hybrid Controller
Power rating : DC 3.7V
Test Mode : 8-DPSK 2402MHz Tx Mode
M/N : 32267

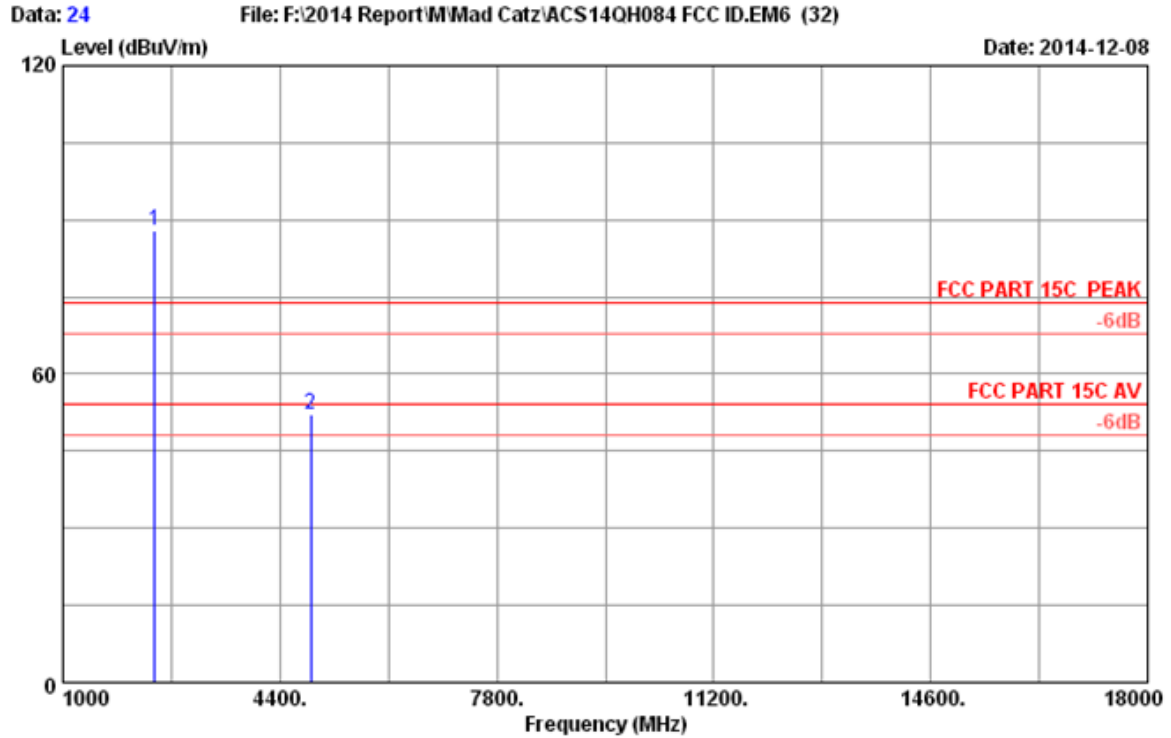
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2402.000	28.18	5.80	35.70	90.40	88.68	74.00	-14.68	Peak
2	4804.000	32.85	8.56	35.70	50.28	55.99	74.00	18.01	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
- Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.

Frequency (MHz)	Peak level (dBuV/m)	Duty cycle factor (dB)	AV level (dBuV/m)	Limit(dBuV/m)	Conclusion
4804	55.99	-30.545	25.445	54	Pass



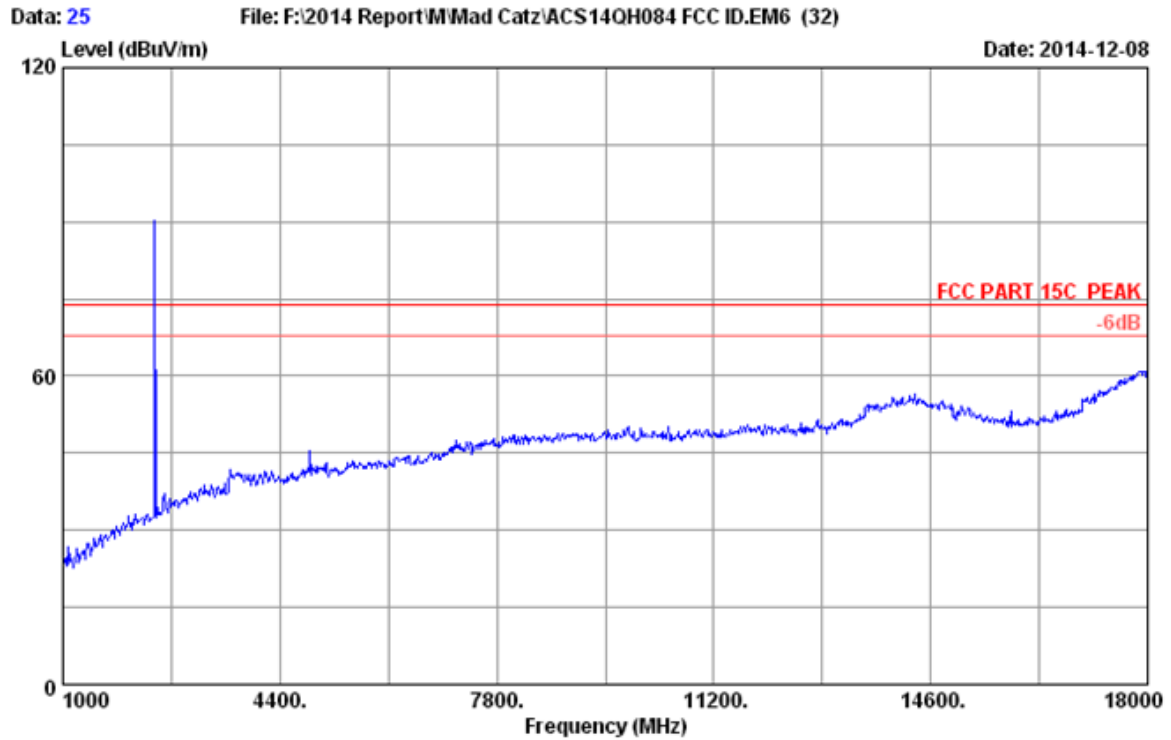
Site no. : 3m Chamber Data no. : 23
 Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54%
 Engineer : Kobe
 EUT : L.Y.N.X.9 Mobile Hybrid Controller
 Power rating : DC 3.7V
 Test Mode : 8-DPSK 2441MHz Tx Mode
 M/N : 32267



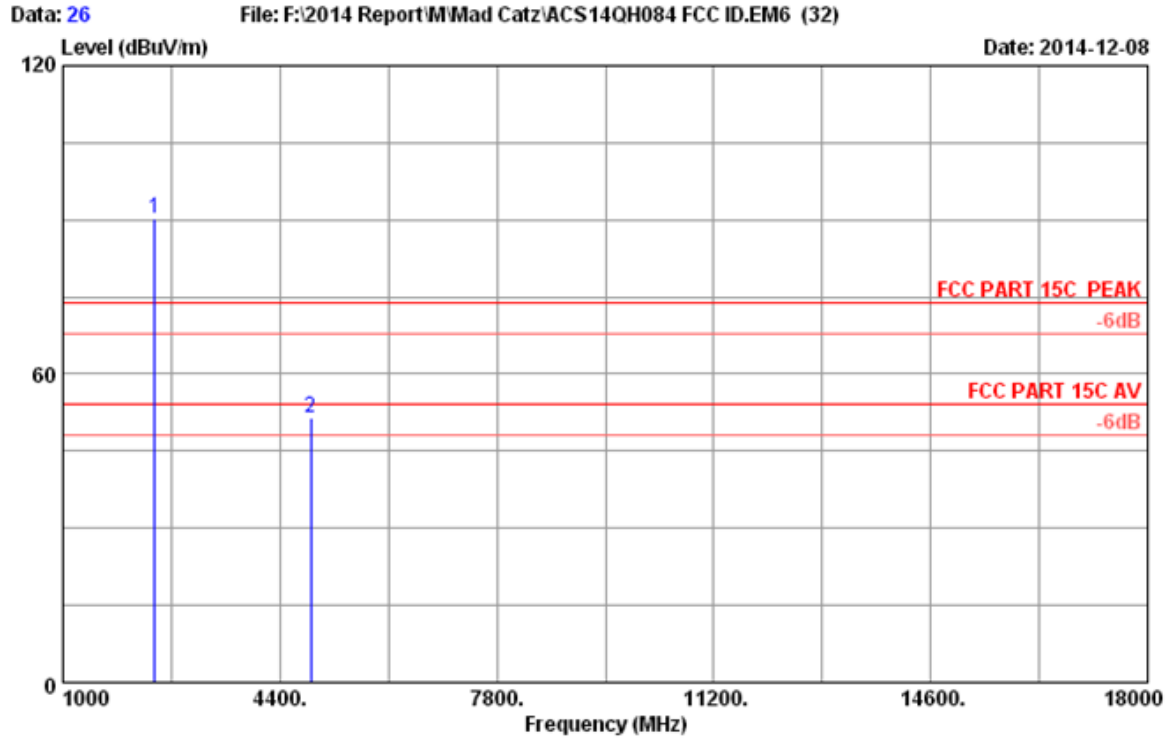
Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54%
Engineer : Kobe
EUT : L.Y.N.X.9 Mobile Hybrid Controller
Power rating : DC 3.7V
Test Mode : 8-DPSK 2441MHz Tx Mode
M/N : 32267

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2441.000	28.27	5.86	35.70	89.51	87.94	74.00	-13.94	Peak
2	4882.000	32.99	8.64	35.70	46.05	51.98	74.00	22.02	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.



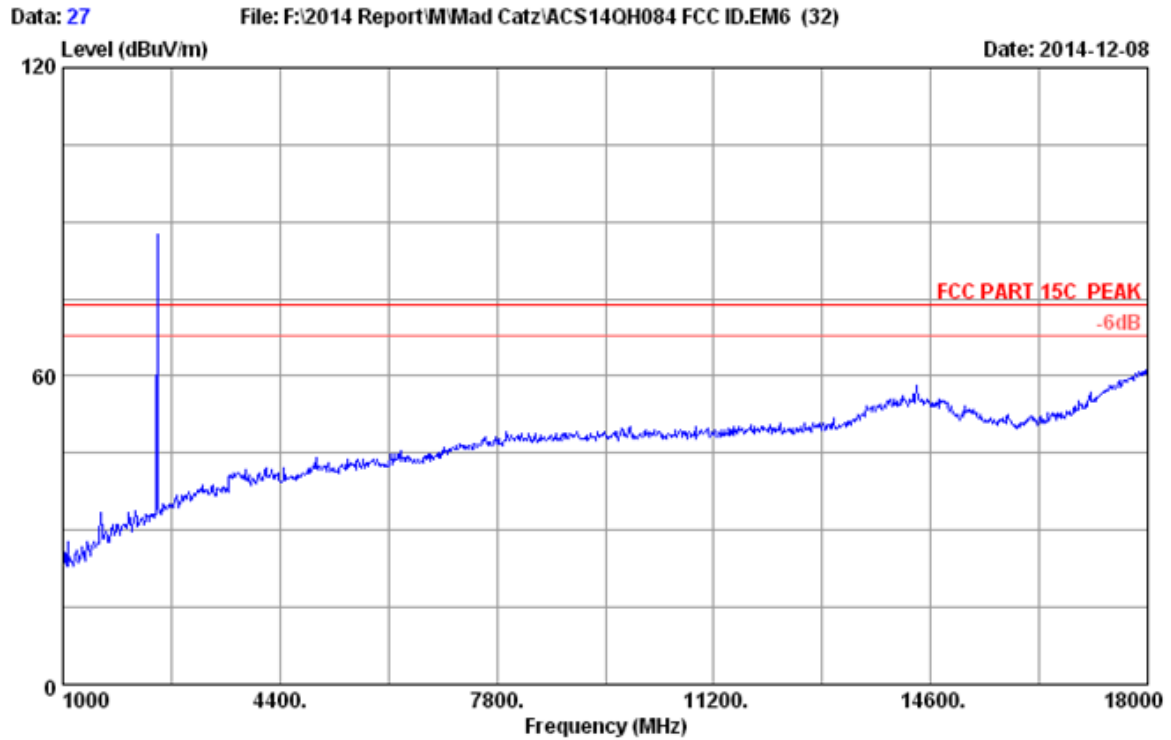
Site no. : 3m Chamber Data no. : 25
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54%
Engineer : Kobe
EUT : L.Y.N.X.9 Mobile Hybrid Controller
Power rating : DC 3.7V
Test Mode : 8-DPSK 2441MHz Tx Mode
M/N : 32267



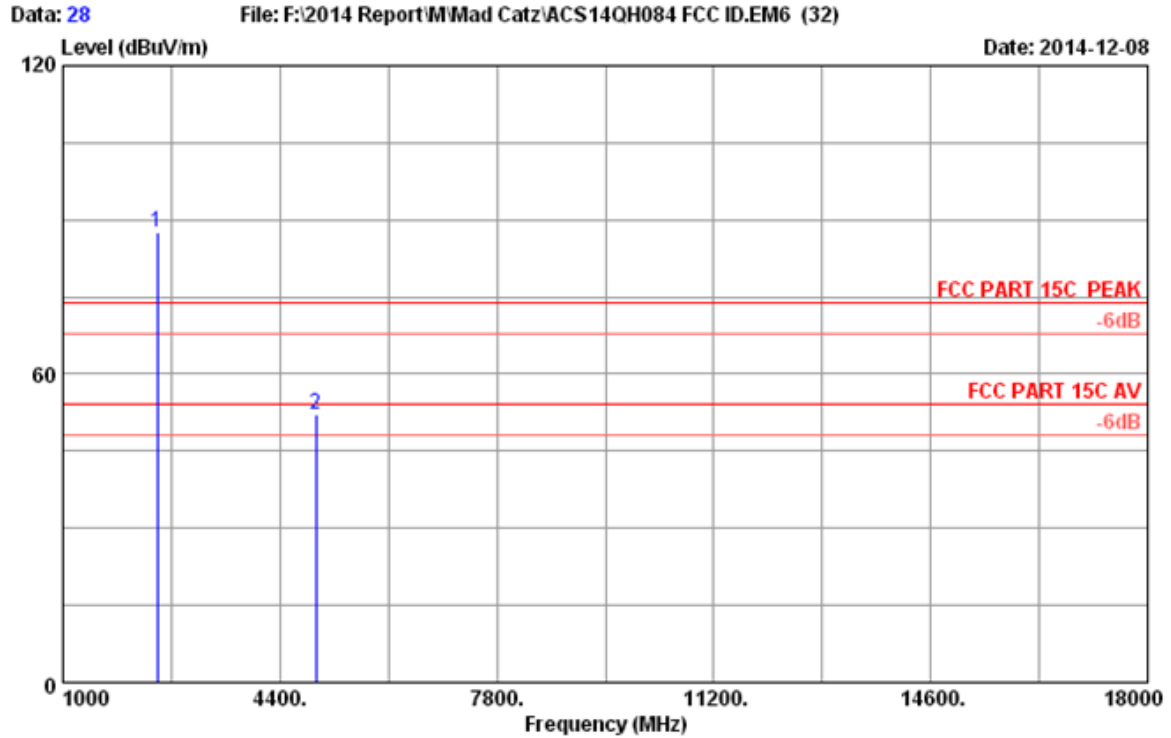
Site no. : 3m Chamber Data no. : 26
 Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54%
 Engineer : Kobe
 EUT : L.Y.N.X.9 Mobile Hybrid Controller
 Power rating : DC 3.7V
 Test Mode : 8-DPSK 2441MHz Tx Mode
 M/N : 32267

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2441.000	28.27	5.86	35.70	91.86	90.29	74.00	-16.29	Peak
2	4882.000	32.99	8.64	35.70	45.52	51.45	74.00	22.55	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



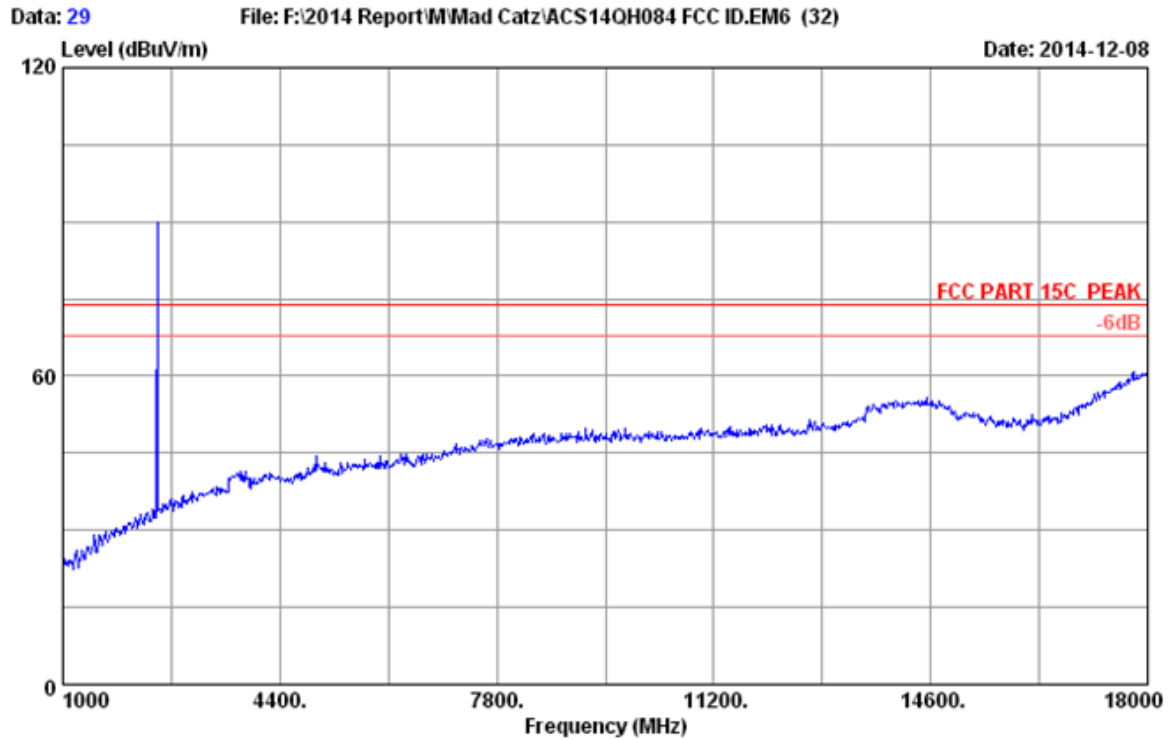
Site no. : 3m Chamber Data no. : 27
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54%
Engineer : Kobe
EUT : L.Y.N.X.9 Mobile Hybrid Controller
Power rating : DC 3.7V
Test Mode : 8-DPSK 2480MHz Tx Mode
M/N : 32267



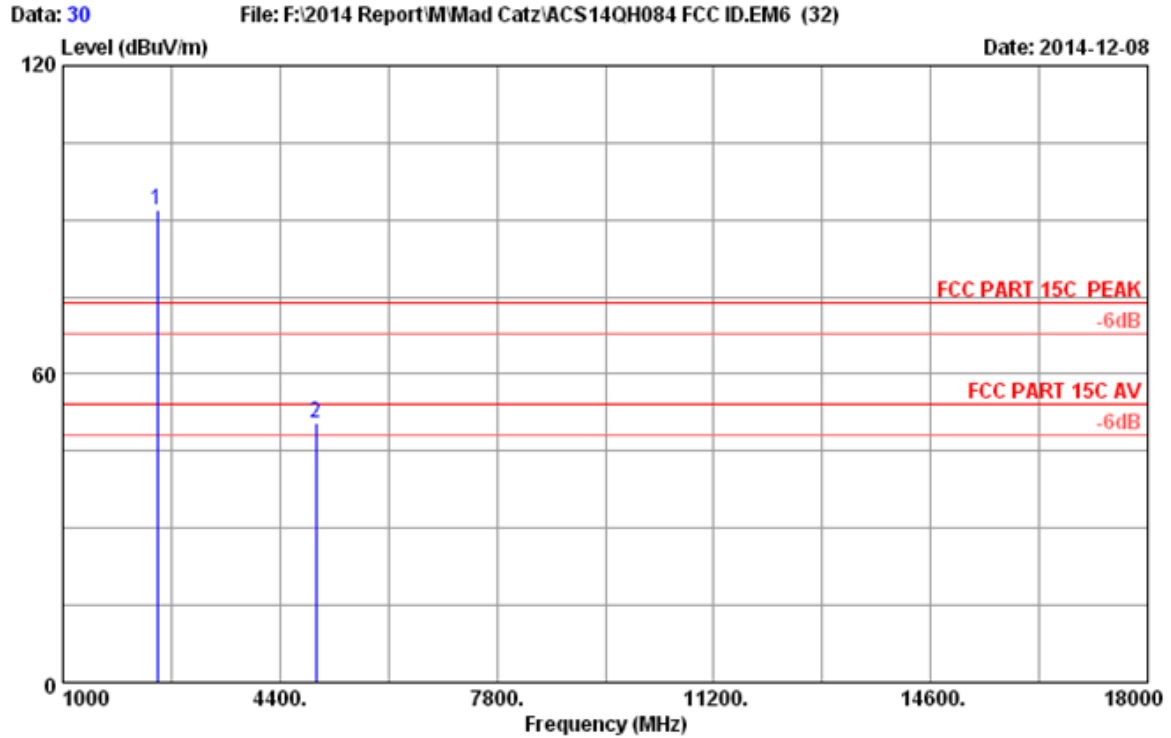
Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54%
Engineer : Kobe
EUT : L.Y.N.X.9 Mobile Hybrid Controller
Power rating : DC 3.7V
Test Mode : 8-DPSK 2480MHz Tx Mode
M/N : 32267

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.000	28.36	5.91	35.70	89.00	87.57	74.00	-13.57	Peak
2	4960.000	33.13	8.72	35.70	46.02	52.17	74.00	21.83	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp Factor
2. The emission levels that are 20dB below the official
limit are not reported.



Site no. : 3m Chamber Data no. : 29
Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54%
Engineer : Kobe
EUT : L.Y.N.X.9 Mobile Hybrid Controller
Power rating : DC 3.7V
Test Mode : 8-DPSK 2480MHz Tx Mode
M/N : 32267



Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2014 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54%
 Engineer : Kobe
 EUT : L.Y.N.X.9 Mobile Hybrid Controller
 Power rating : DC 3.7V
 Test Mode : 8-DPSK 2480MHz Tx Mode
 M/N : 32267

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.000	28.36	5.91	35.70	93.51	92.08	74.00	-18.08	Peak
2	4960.000	33.13	8.72	35.70	44.25	50.40	74.00	23.60	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.

5. CONDUCTED SPURIOUS EMISSIONS

5.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.29, 14	1Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr. 28,14	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	Apr. 28,14	1 Year

5.2.Limit

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

5.3.Test Procedure

The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions detected.

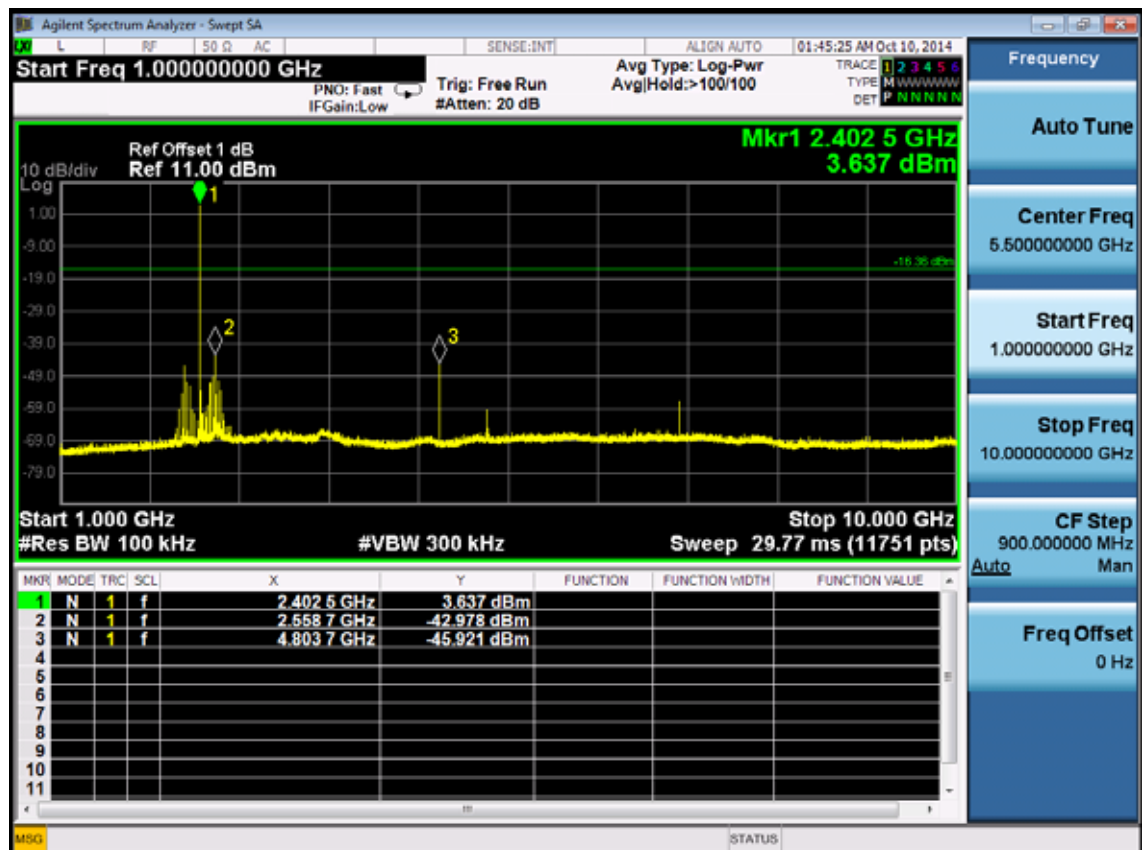
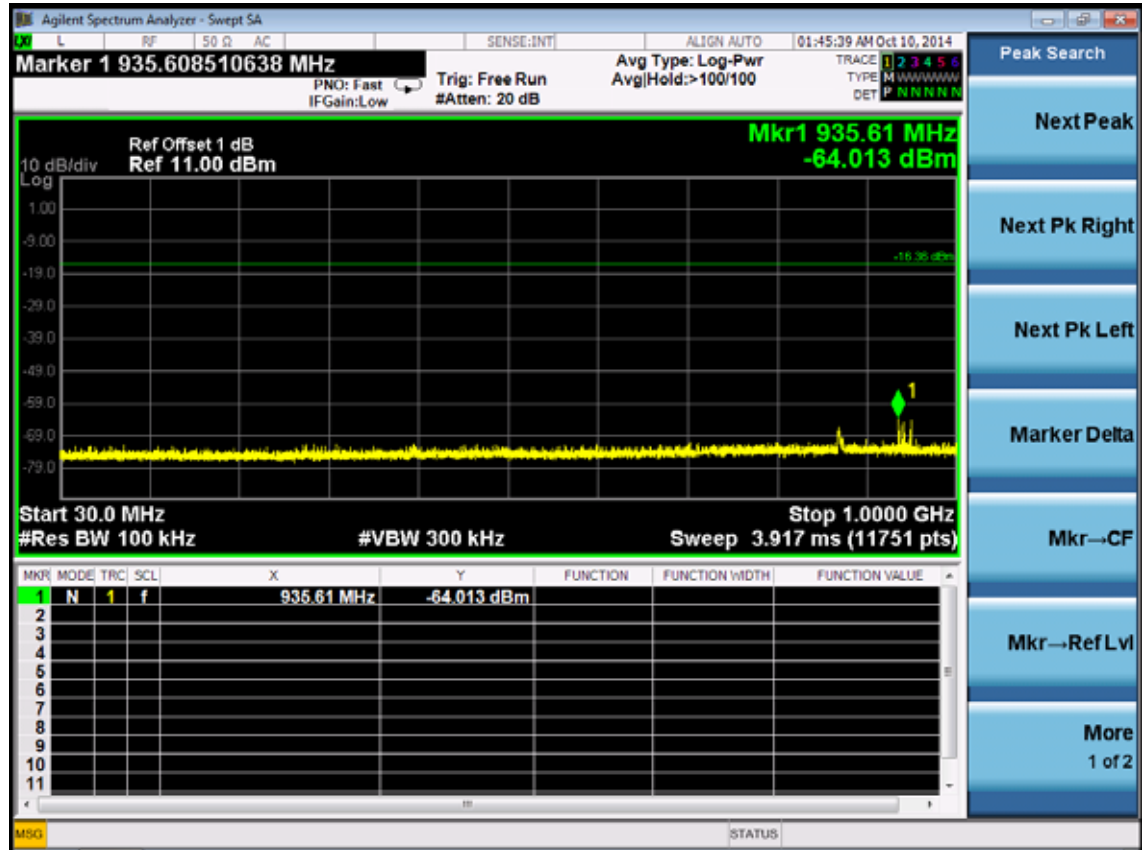
5.4.Test result

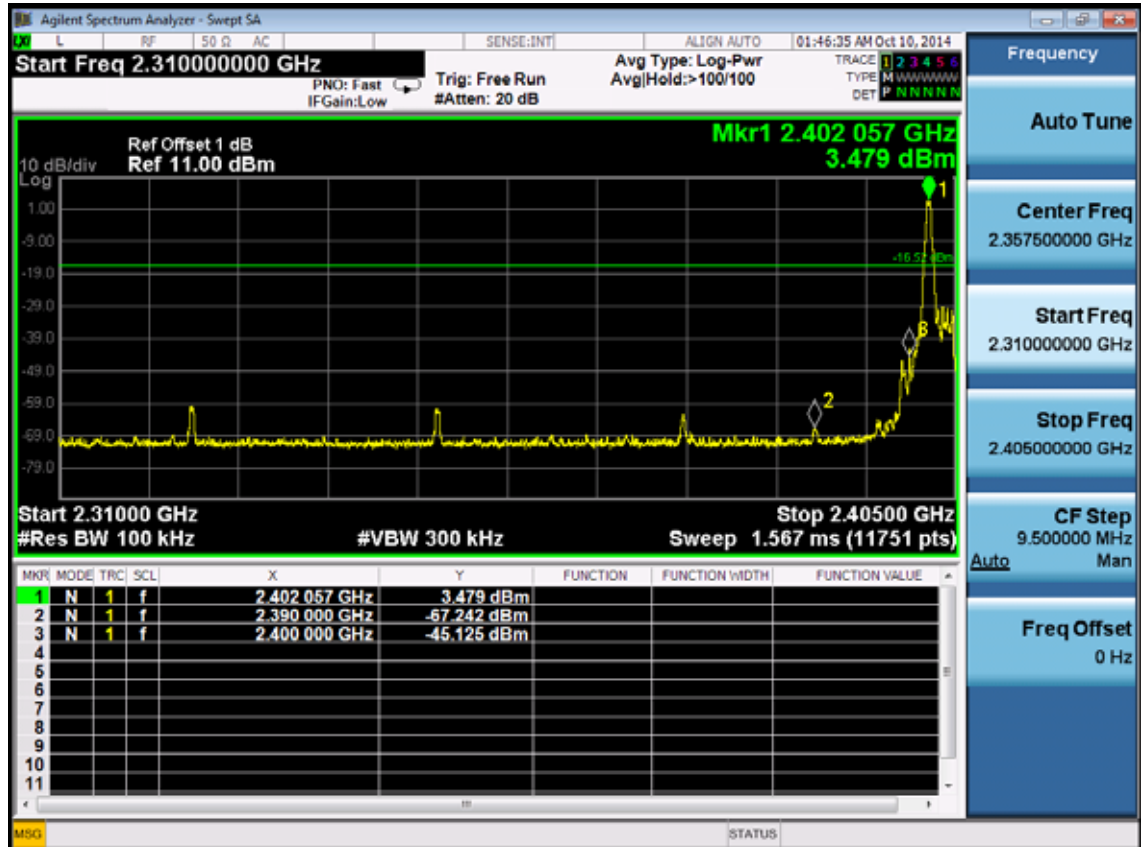
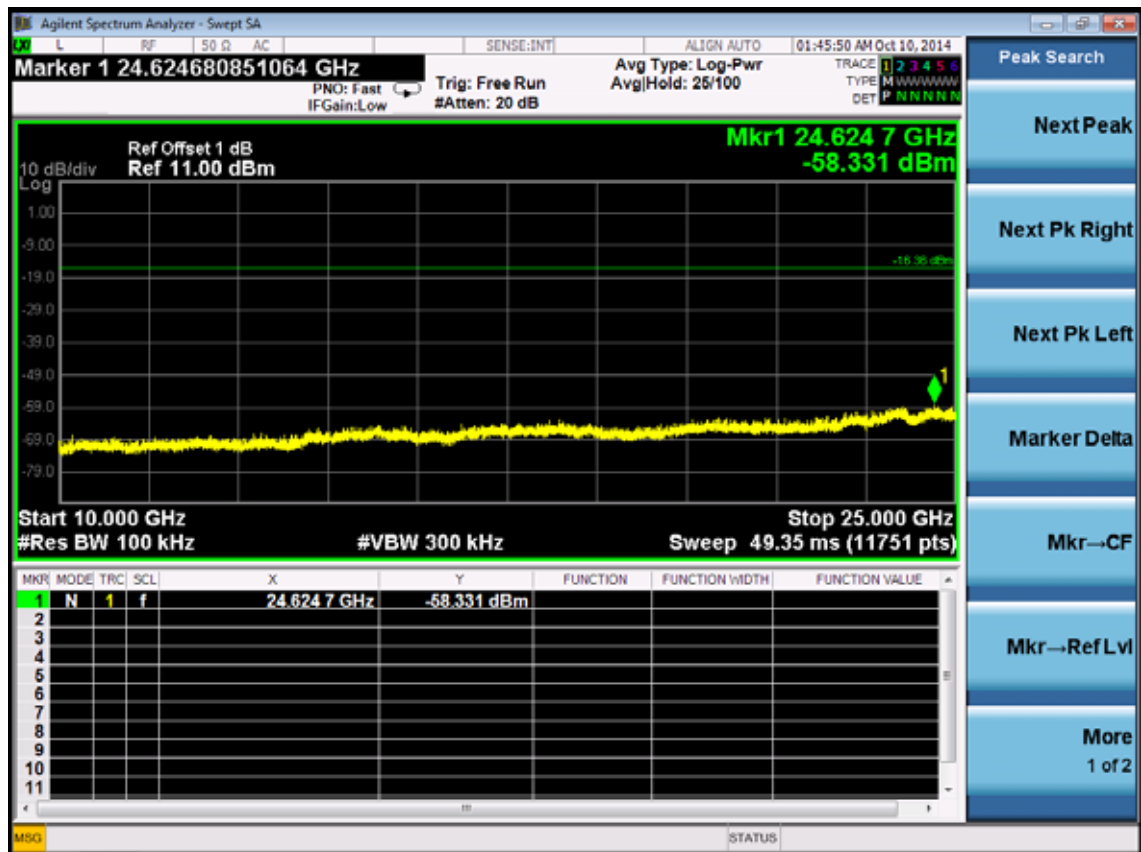
PASS (The testing data was attached in the next pages.)

Hopping Off

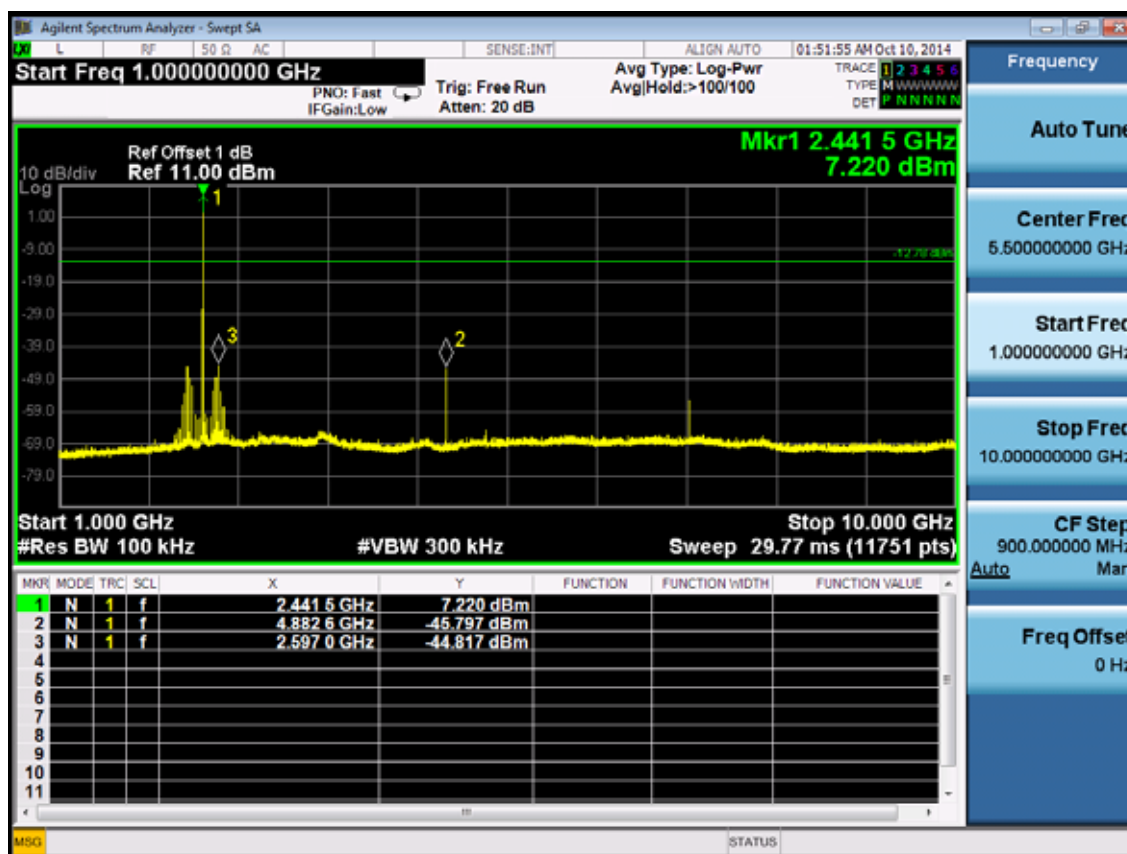
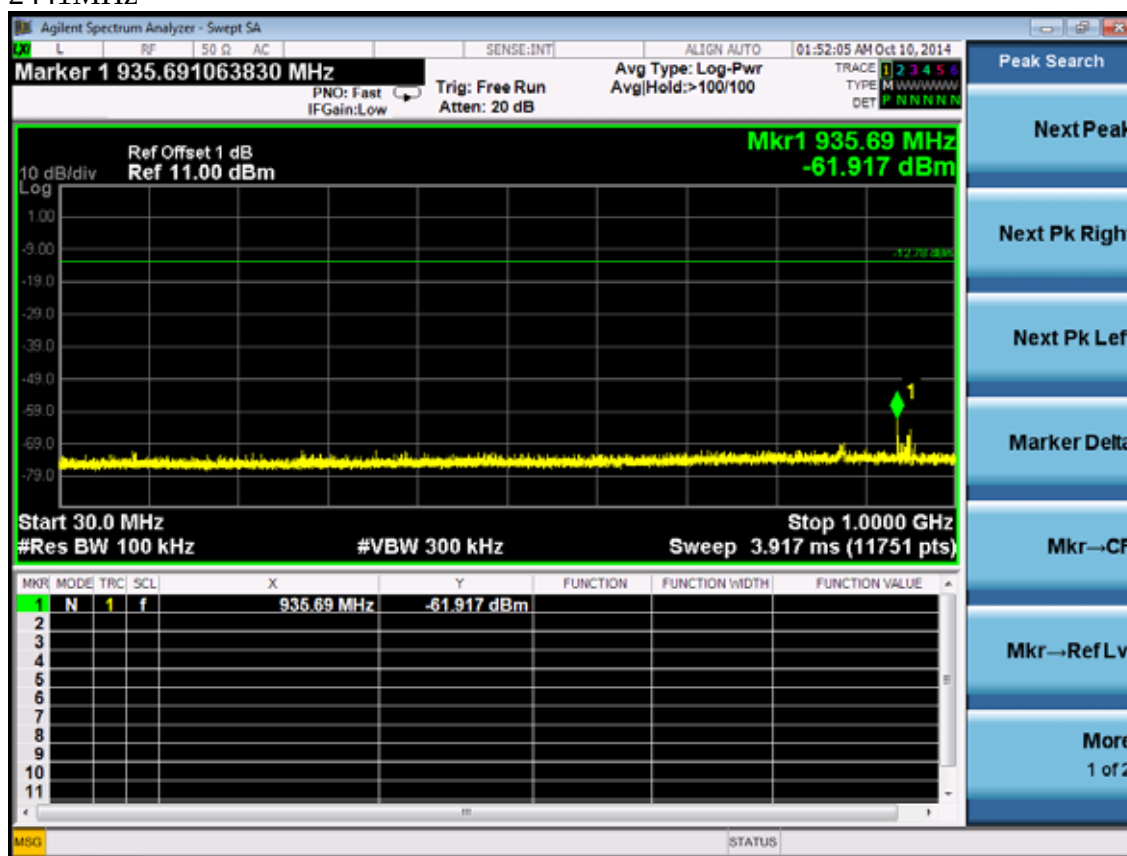
GFSK

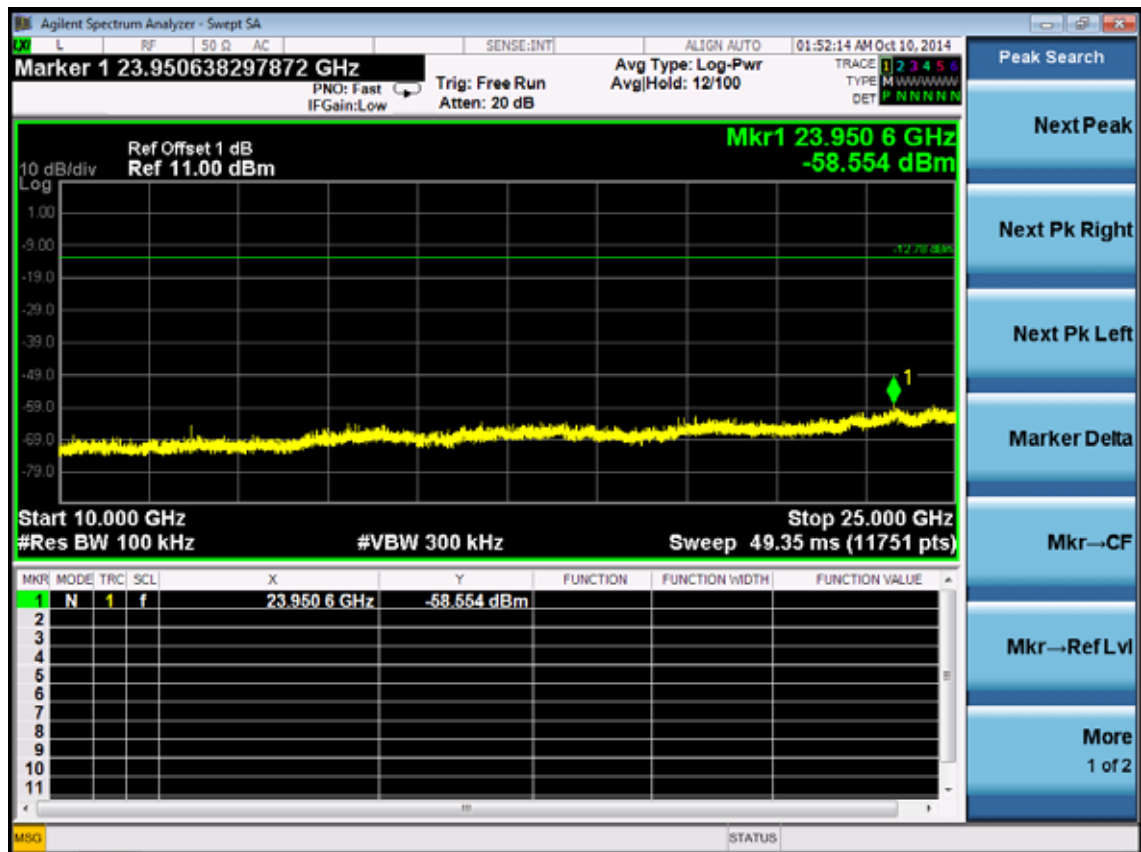
2402MHz



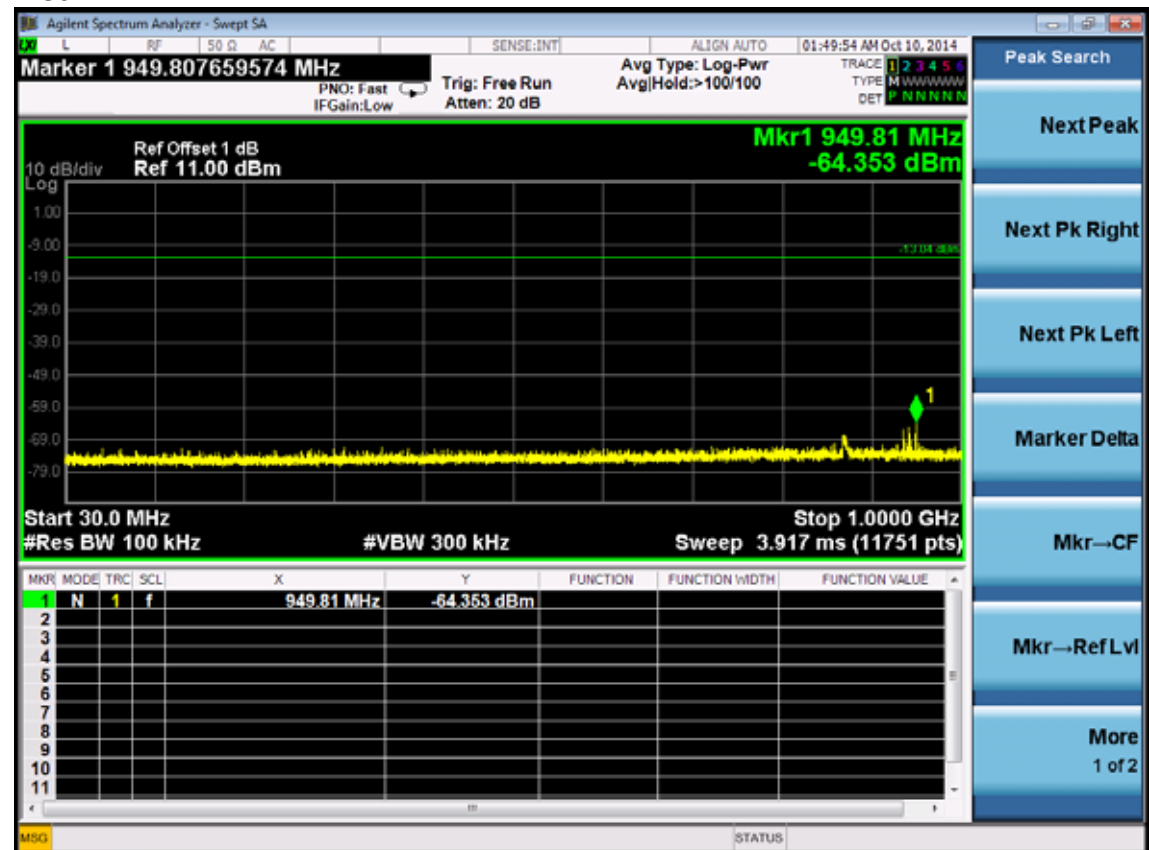


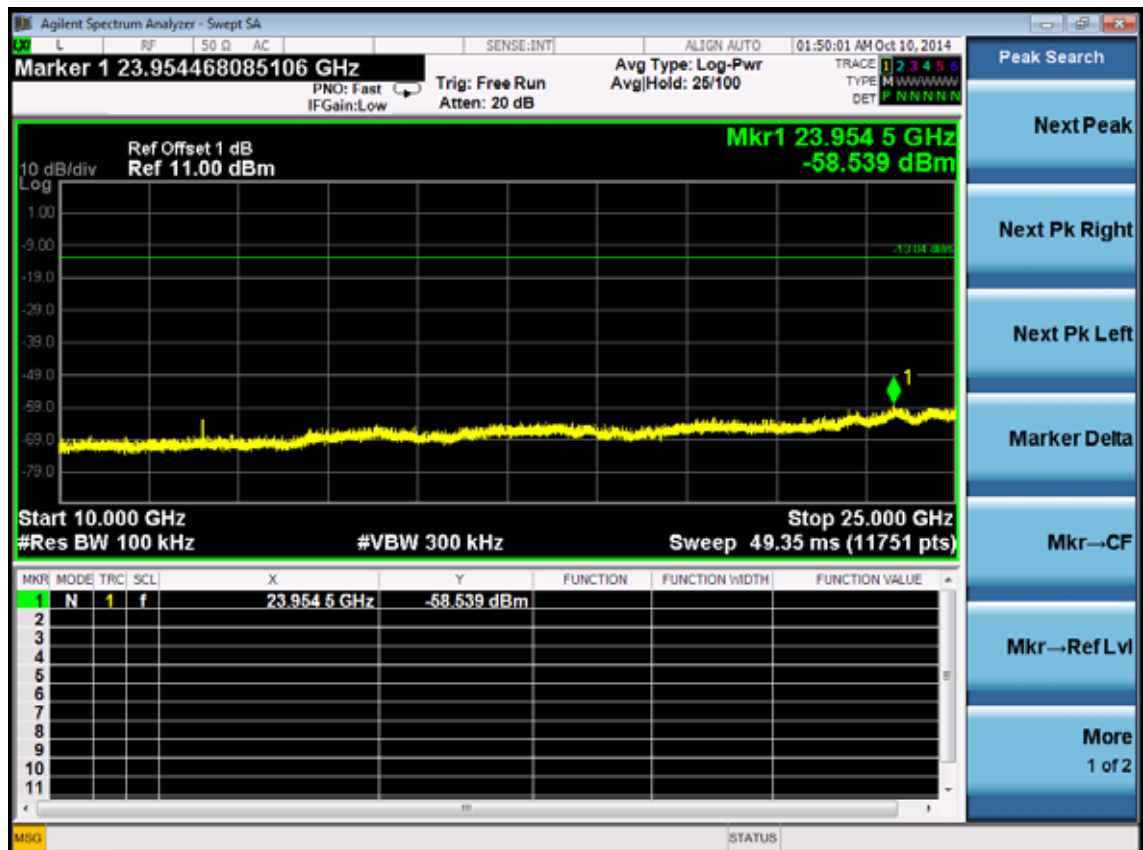
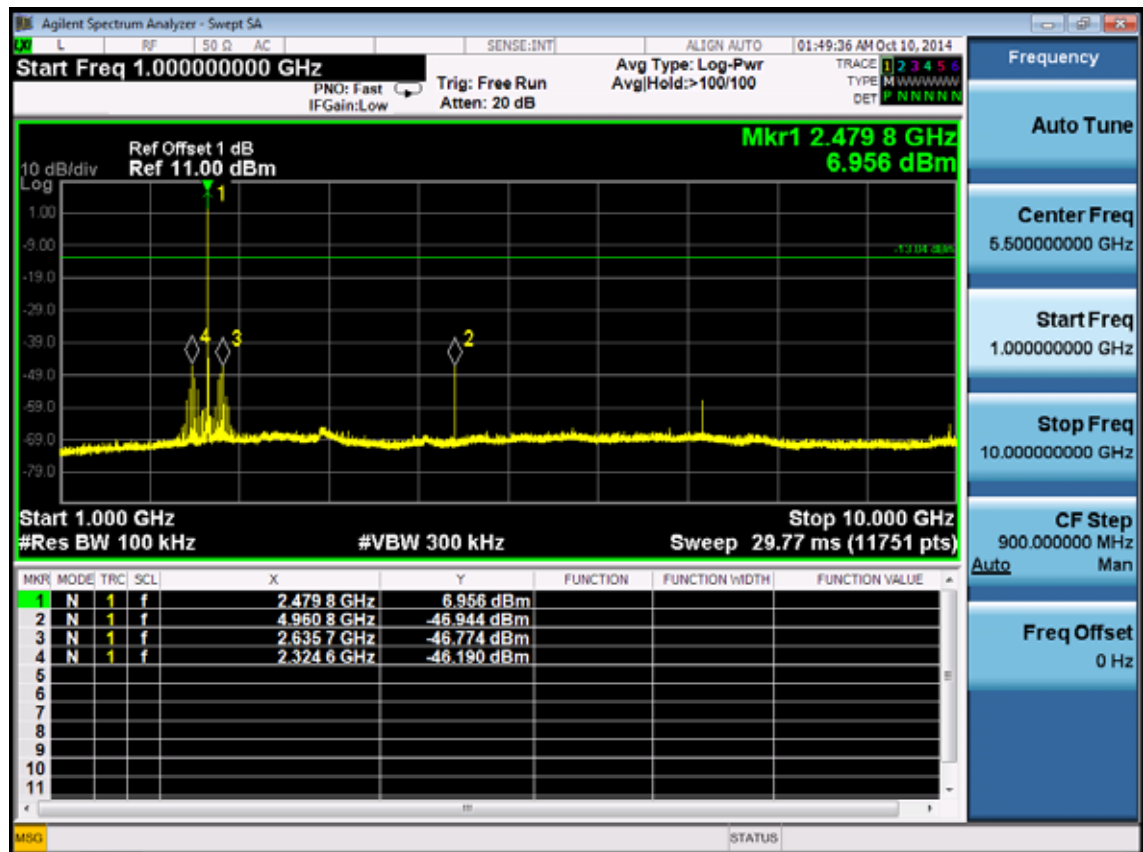
2441MHz





2480MHz

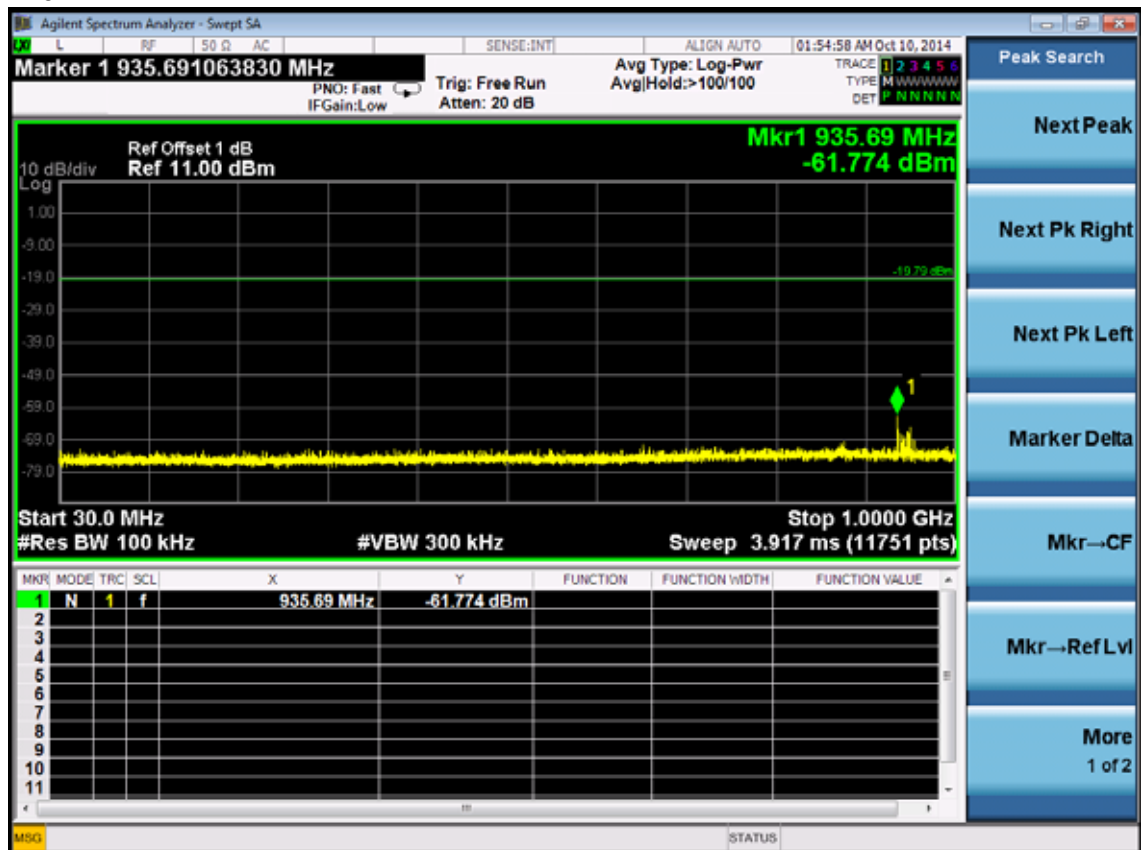


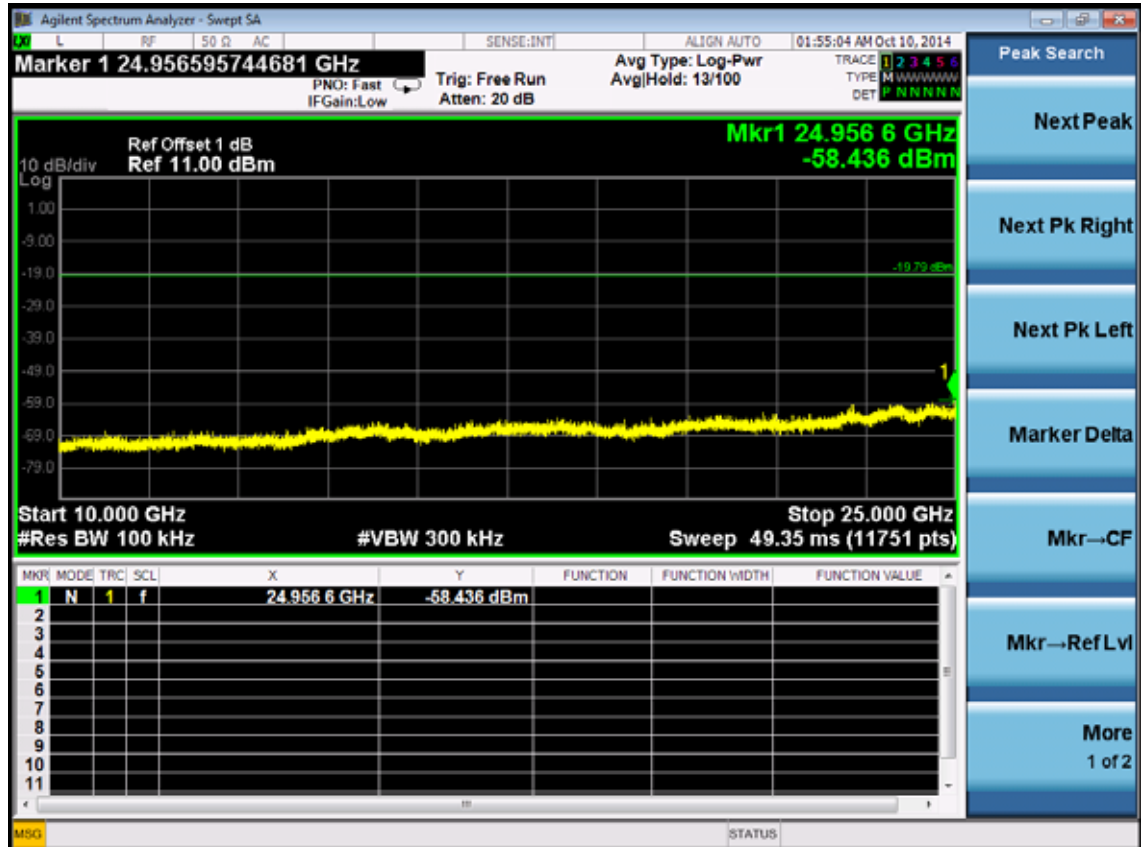
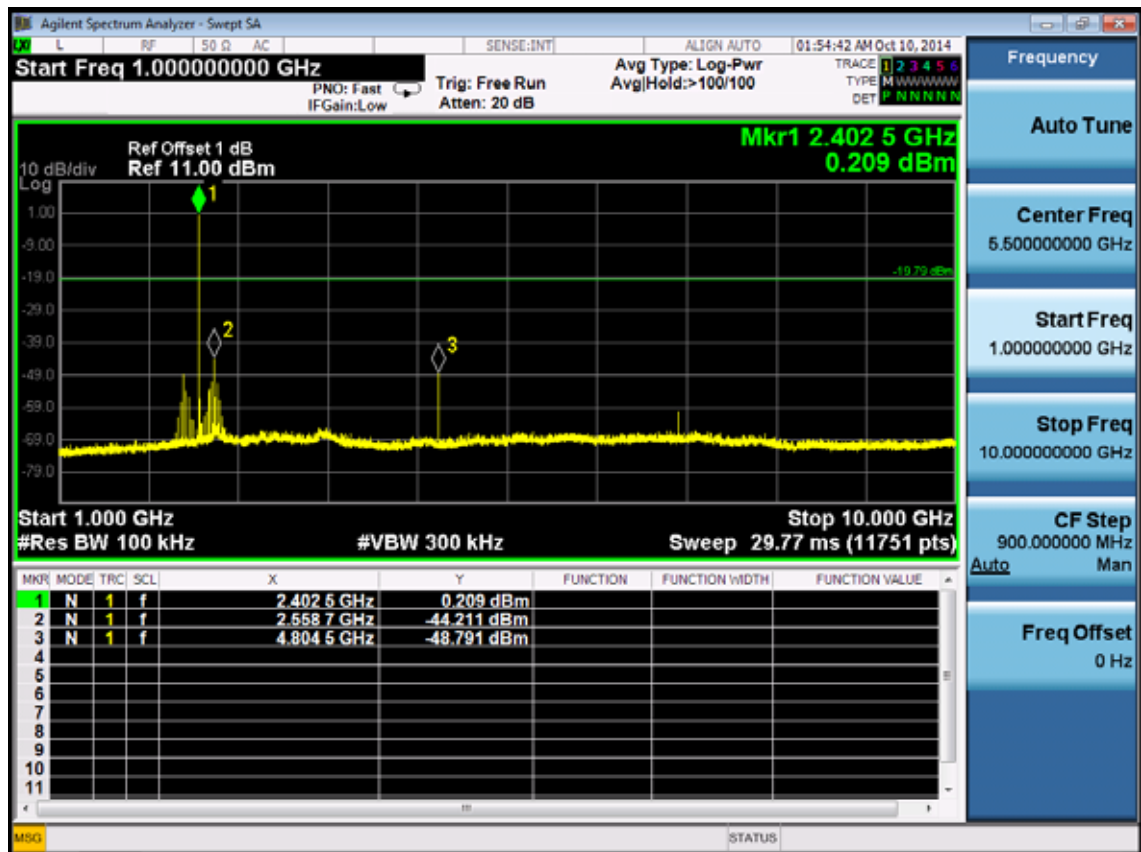


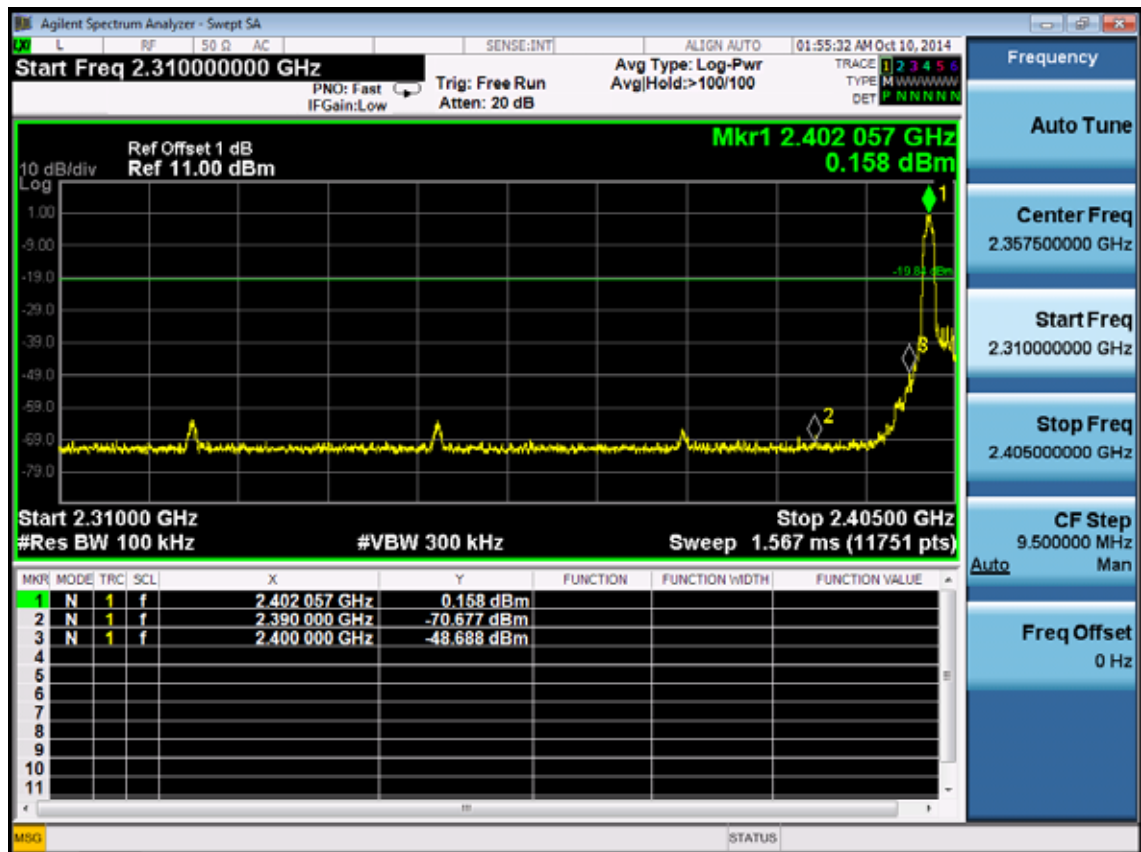


8-DPSK

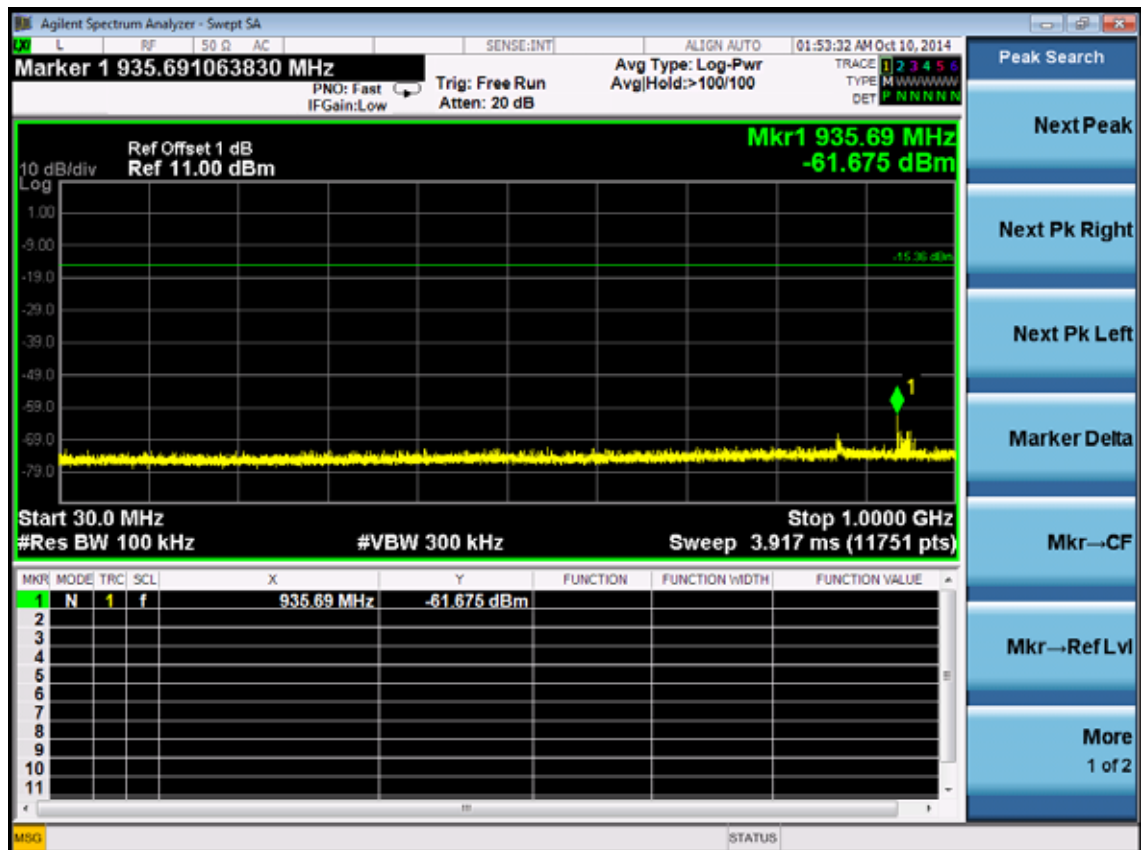
2402MHz

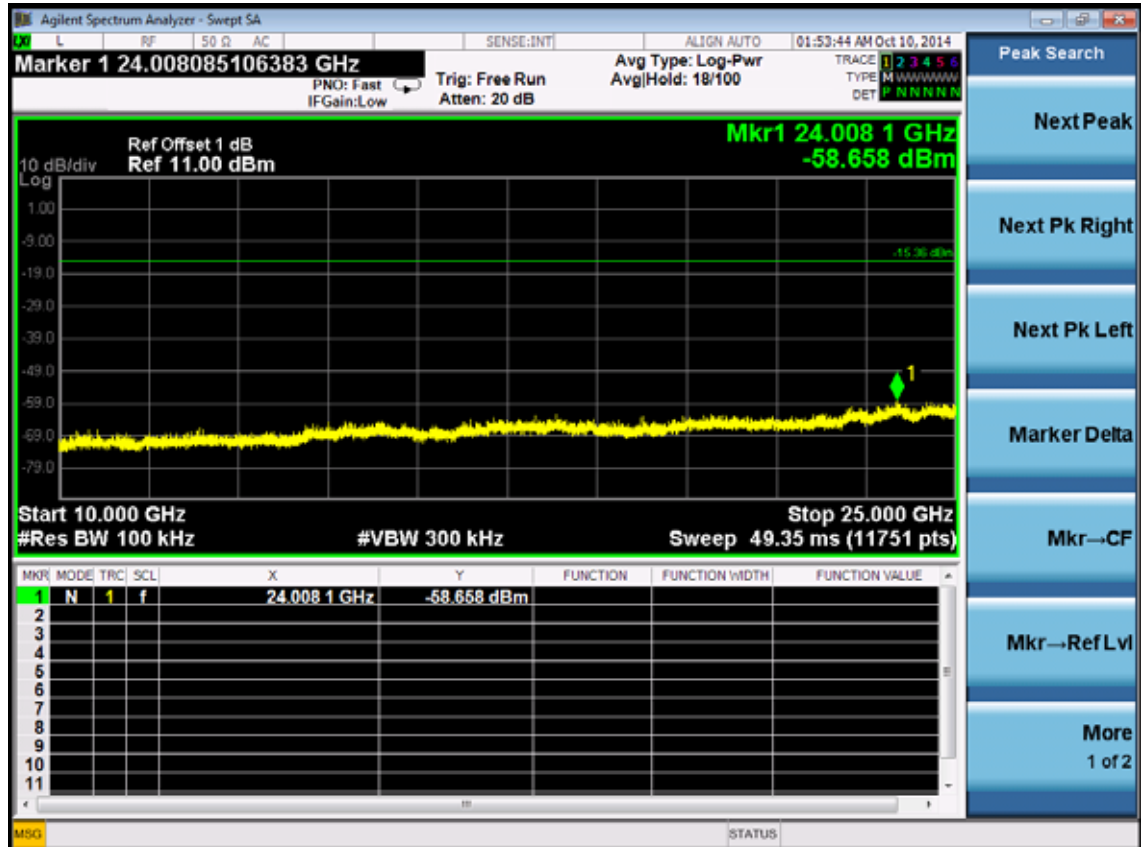
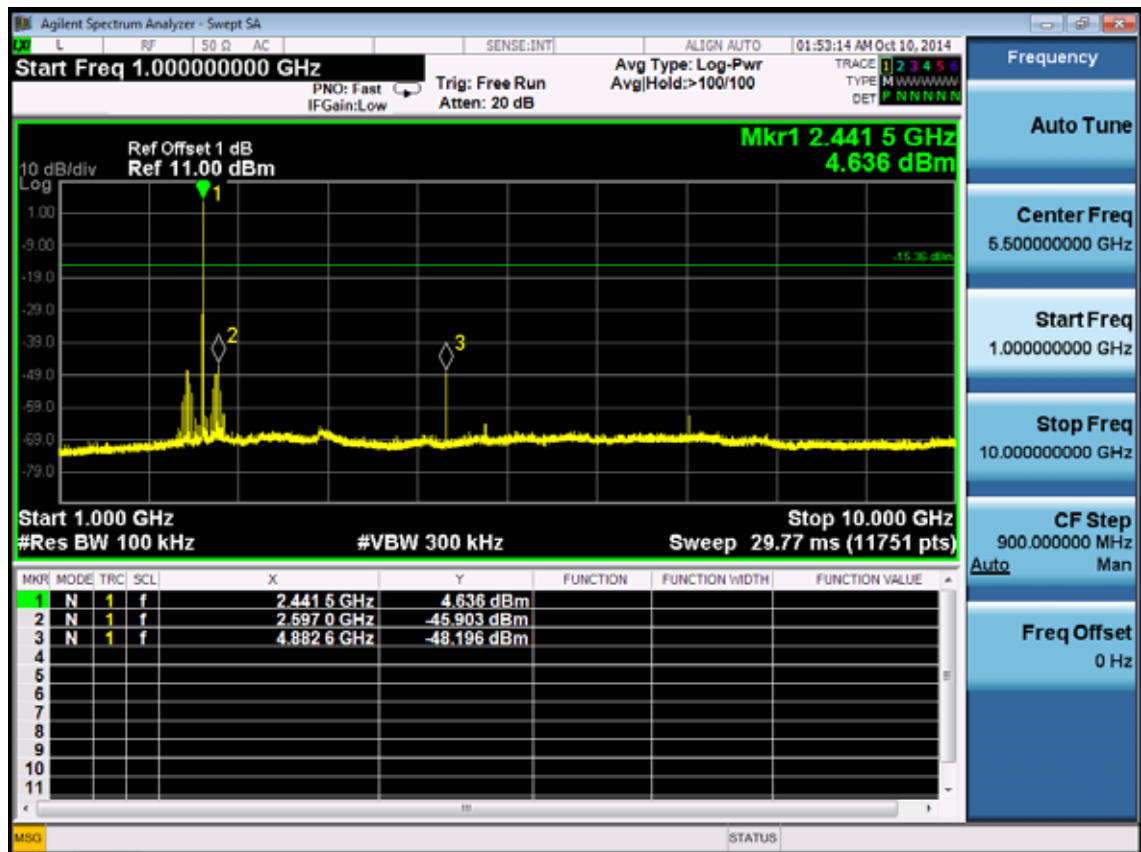




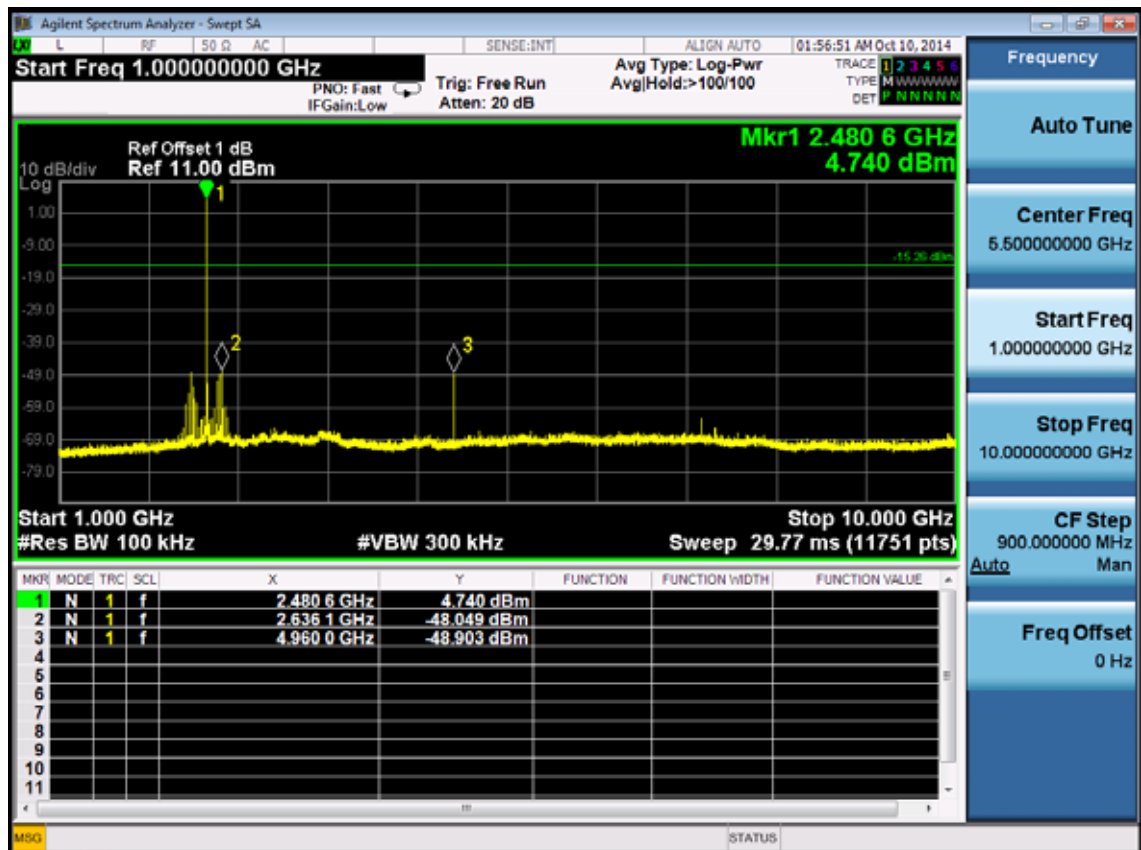
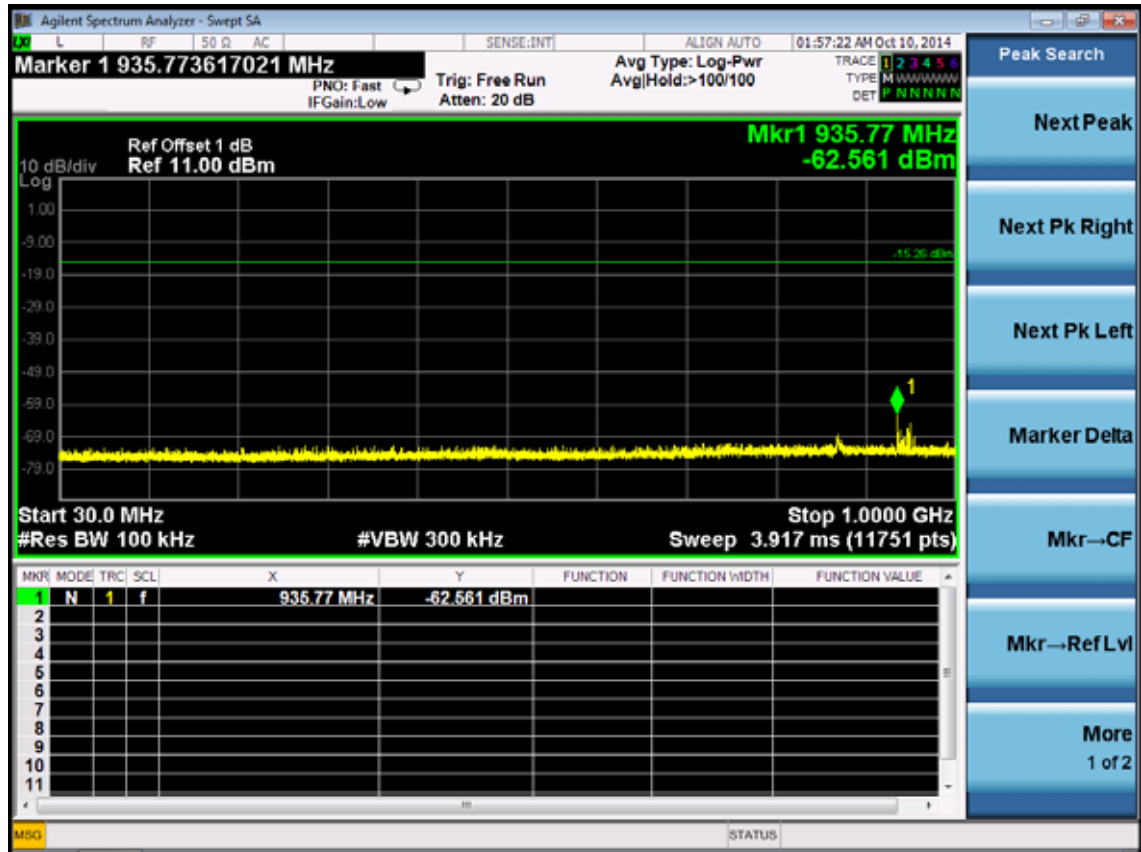


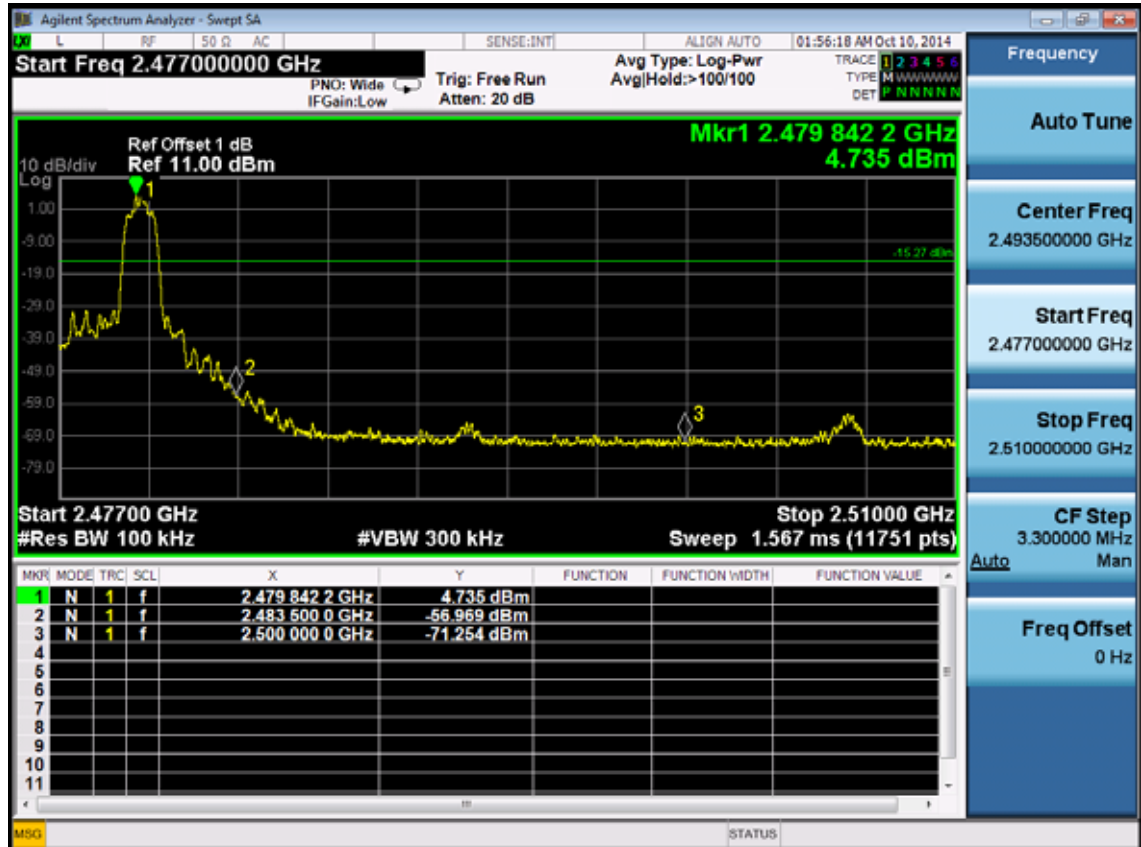
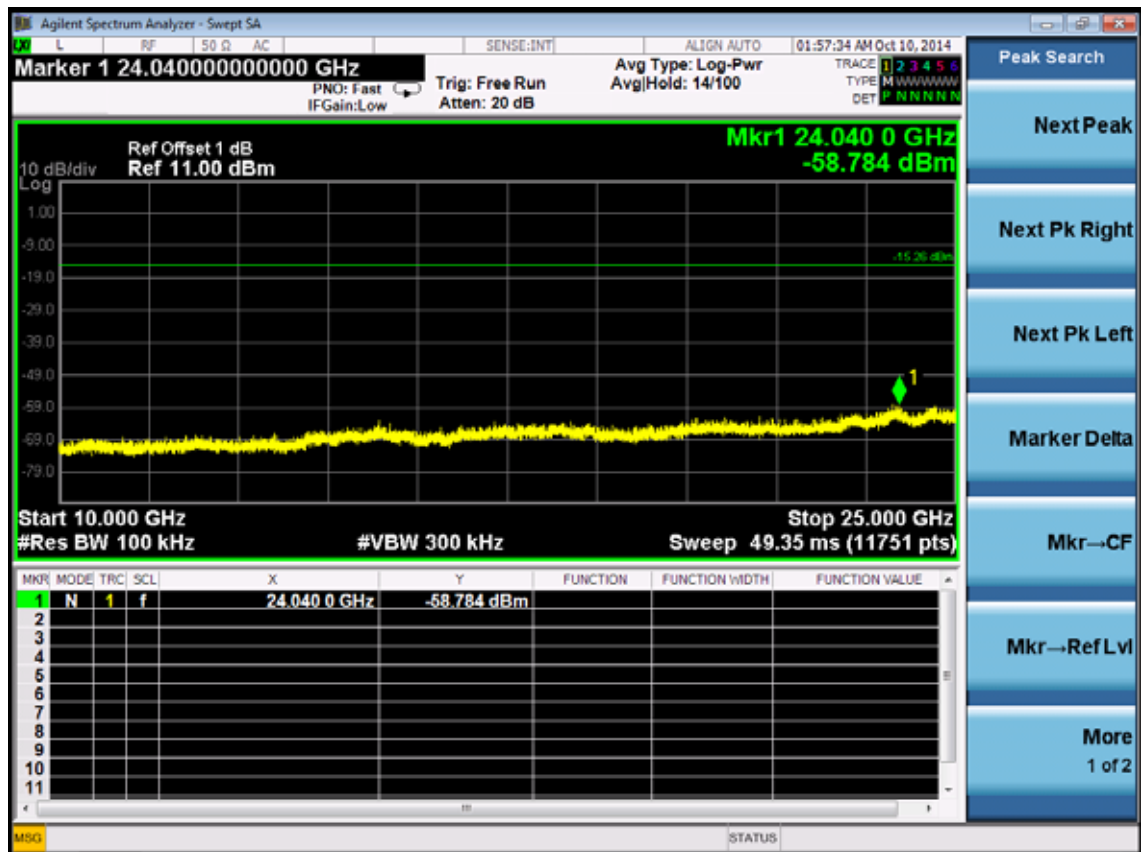
2441MHz





2480MHz





Hopping on GFSK

