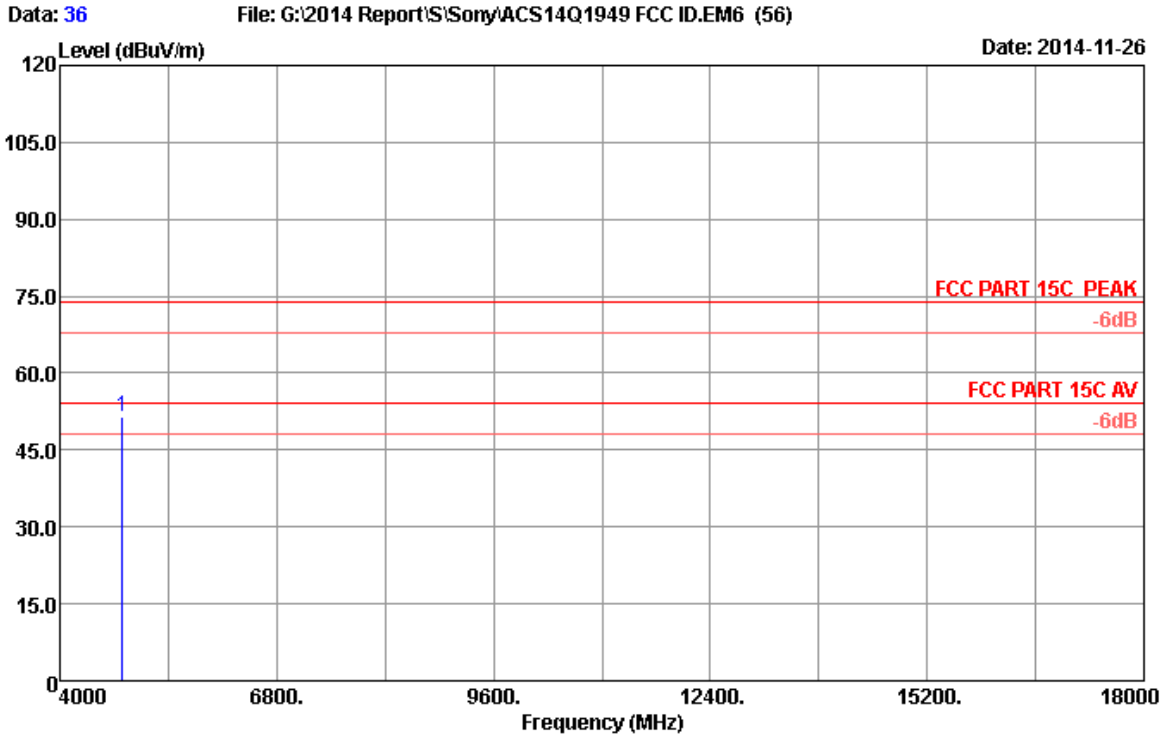
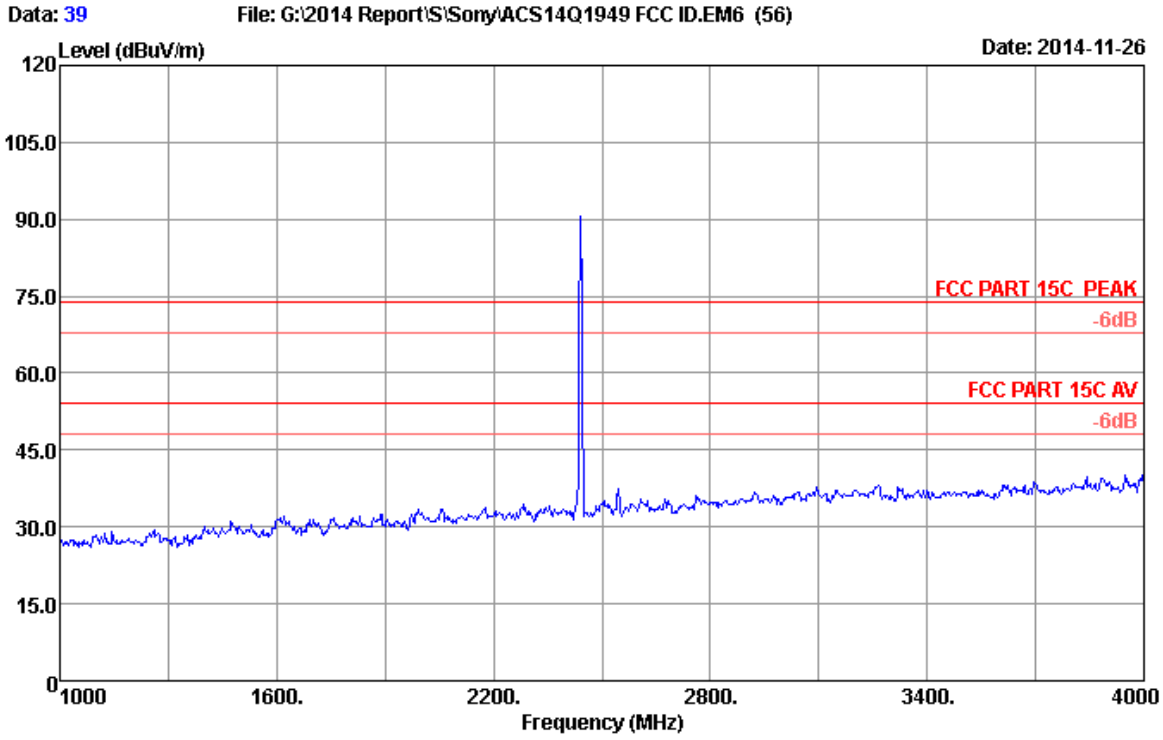


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2402MHz)
ZS-RS60BT

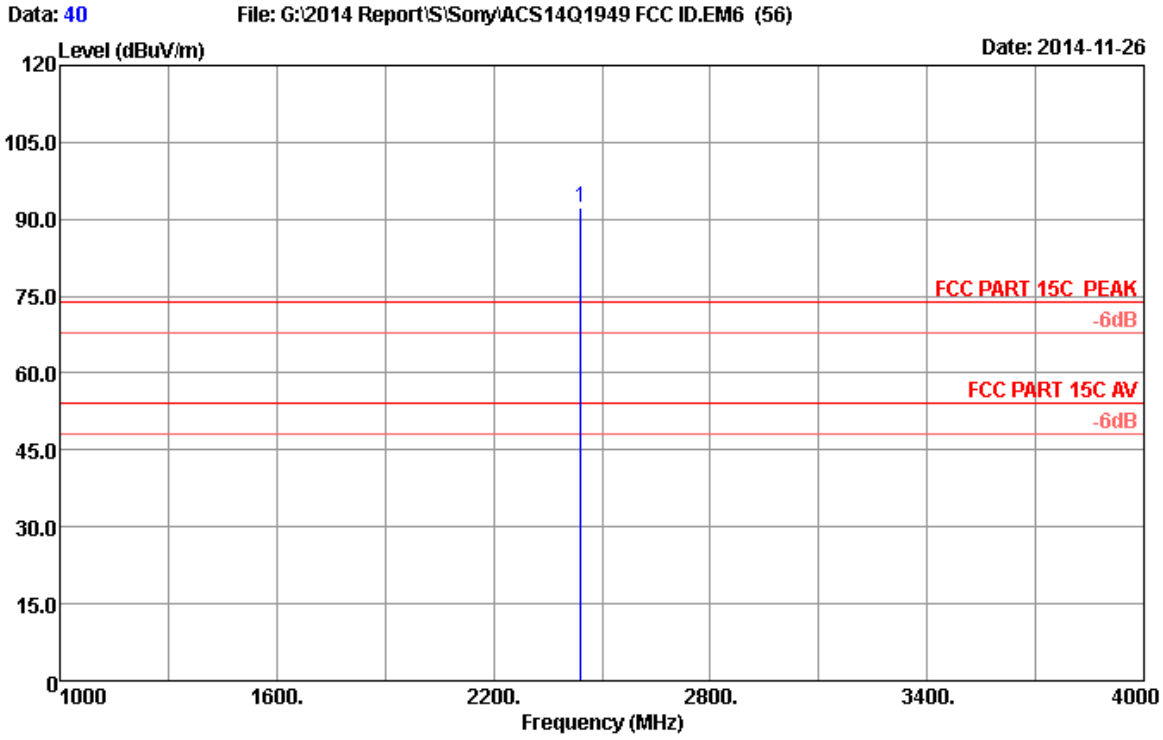
Data No :36
LISN phase:VERTICAL
Engineer :Kobe_Huang

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	4804.000	32.85	8.56	35.70	45.61	51.32	74.00	22.68	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	:39
Dis./Lisn	:3m 2014 3115 (4580)	LISN phase	:HORIZONTAL
Limit	:FCC PART 15C PEAK		
Env./Ins.	:23*C/54%	Engineer	:Kobe_Huang
EUT	:Personal Audio System		
Power Rating	:AC 120V/60Hz		
Test Mode	:Tx Mode (8-DPSK 2441MHz) ZS-RS60BT		

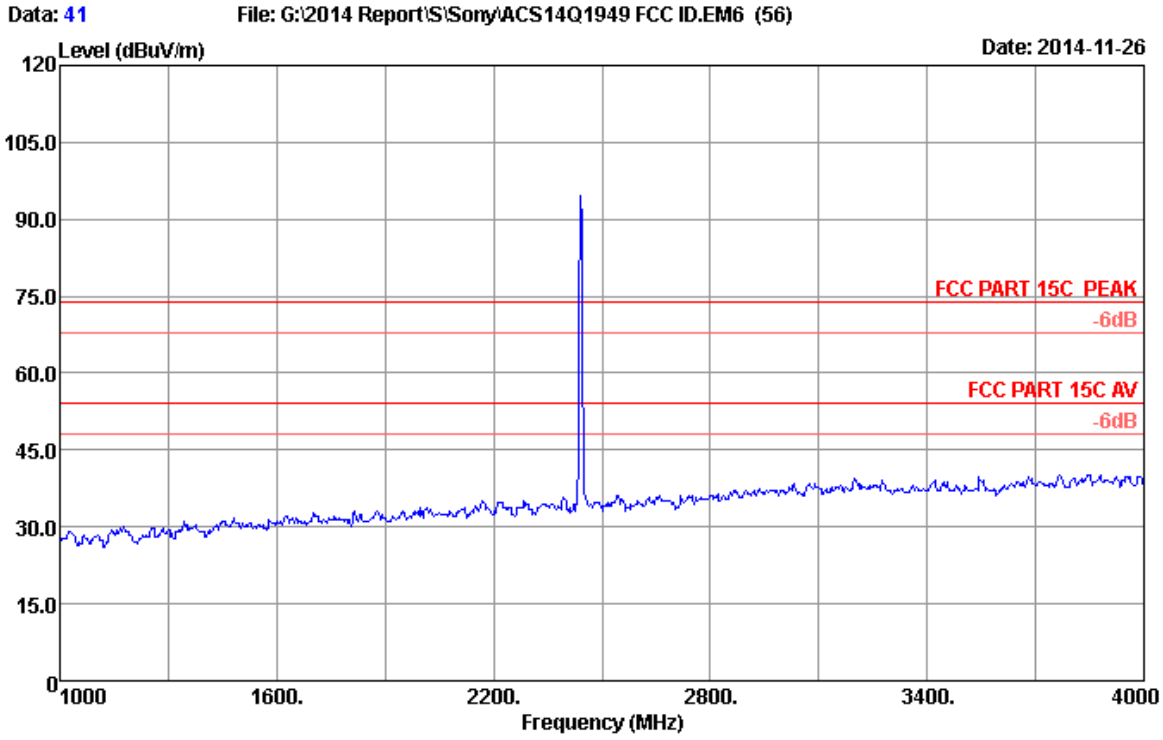


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2441MHz)
ZS-RS60BT

Data No :40
LISN phase:HORIZONTAL
Engineer :Kobe_Huang

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	93.71	92.14	74.00	-18.14	Peak

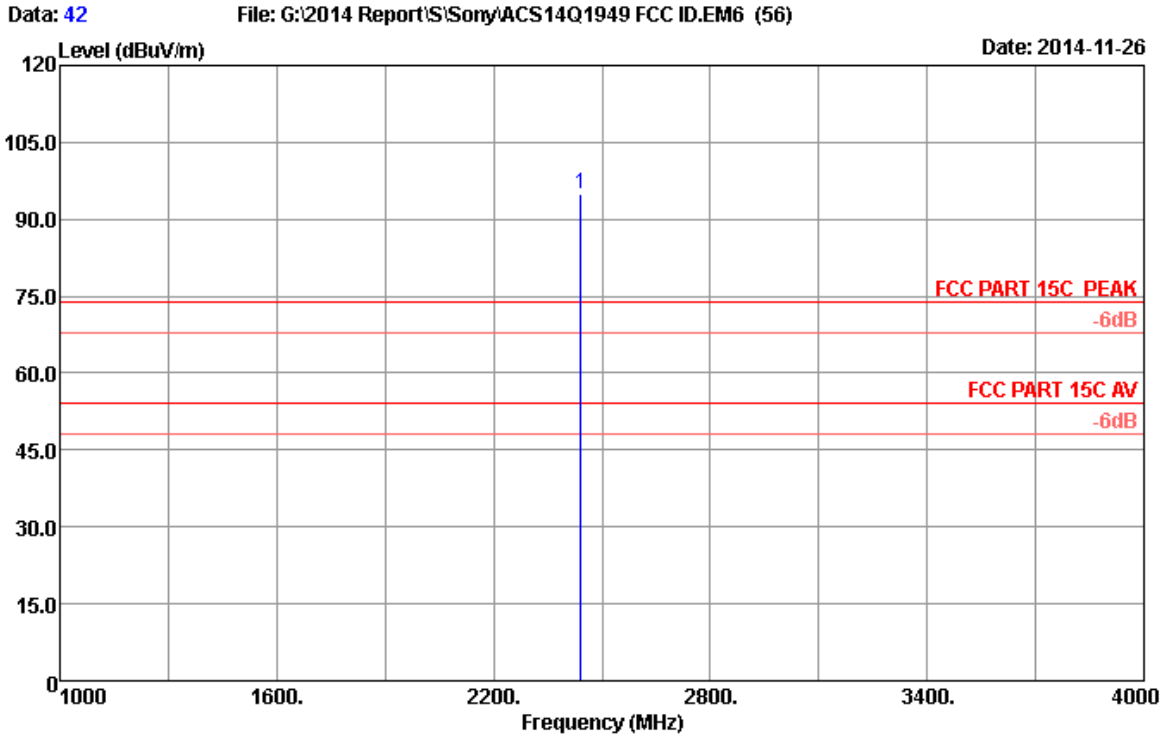
Remarks: 1.Emission Level=Antenna Factor+Cable Loss+Reading-Amp factor.
2.The emission Levels that are 20db below the official limit are not reported



Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2441MHz)
ZS-RS60BT

Data No :41
LISN phase:VERTICAL

Engineer :Kobe_Huang

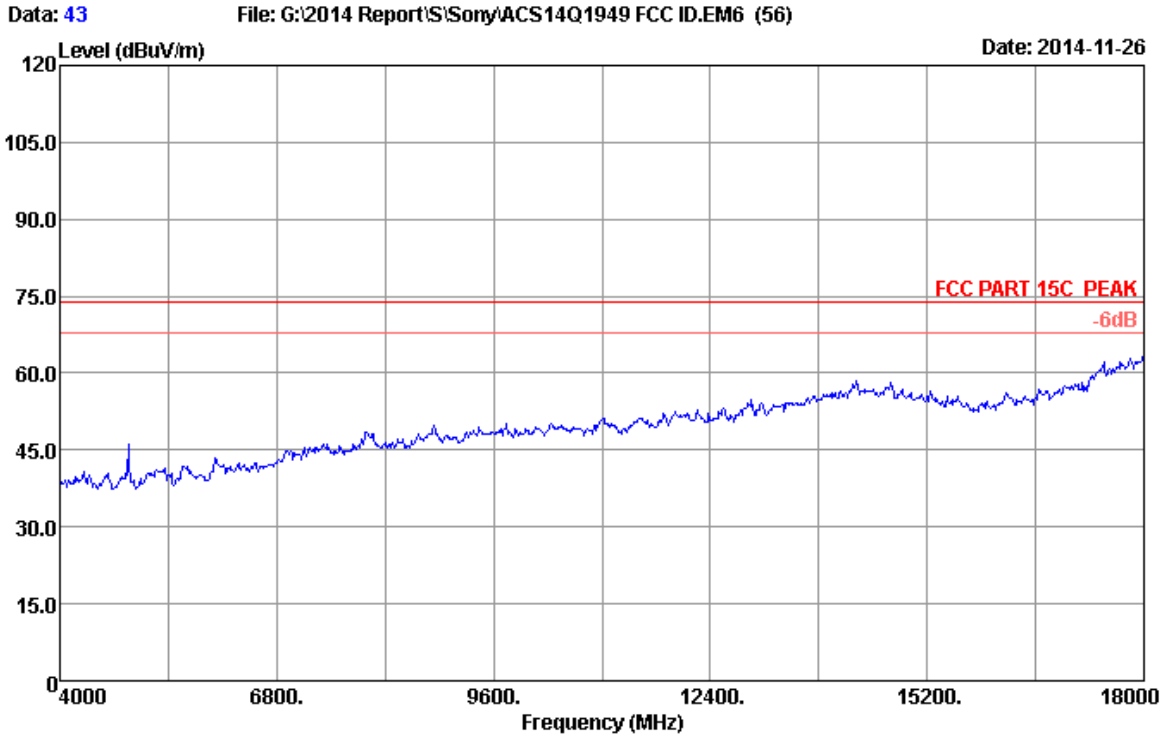


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2441MHz)
ZS-RS60BT

Data No :42
LISN phase:VERTICAL
Engineer :Kobe_Huang

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	96.56	94.99	74.00	-20.99	Peak

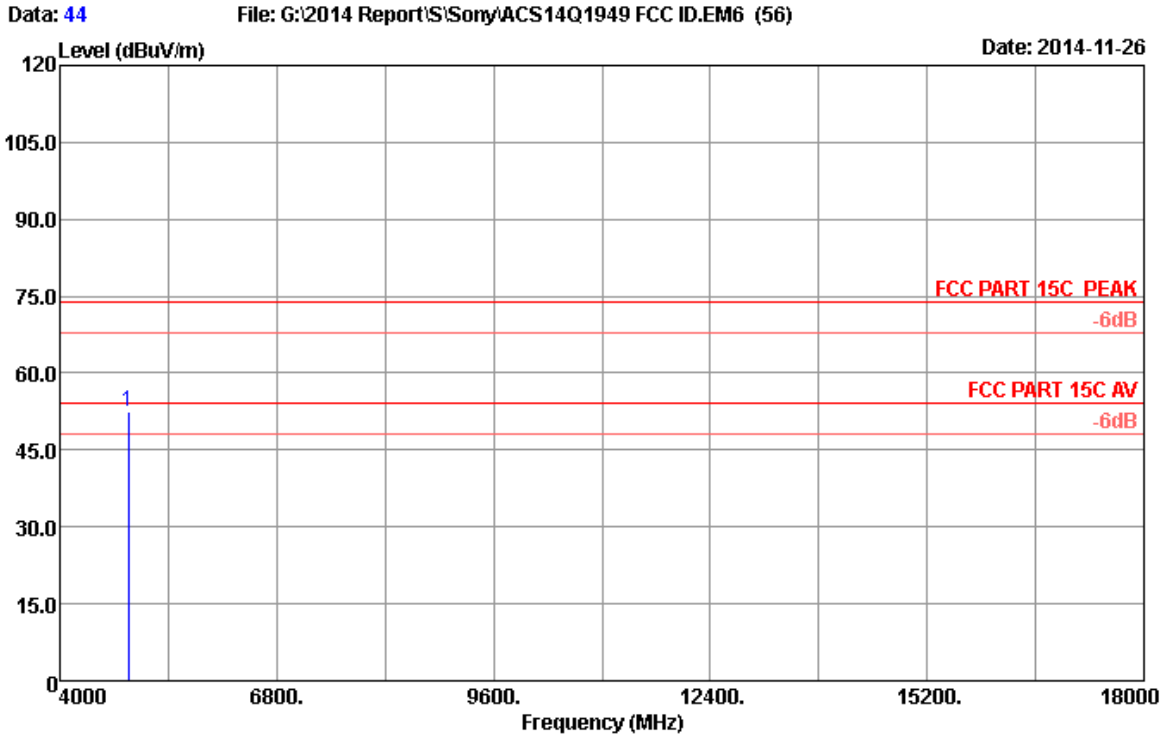
Remarks: 1.Emission Level=Antenna Factor+Cable Loss+Reading-Amp factor.
2.The emission Levels that are 20db below the official limit are not reported



Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2441MHz)
ZS-RS60BT

Data No :43
LISN phase:HORIZONTAL

Engineer :Kobe_Huang

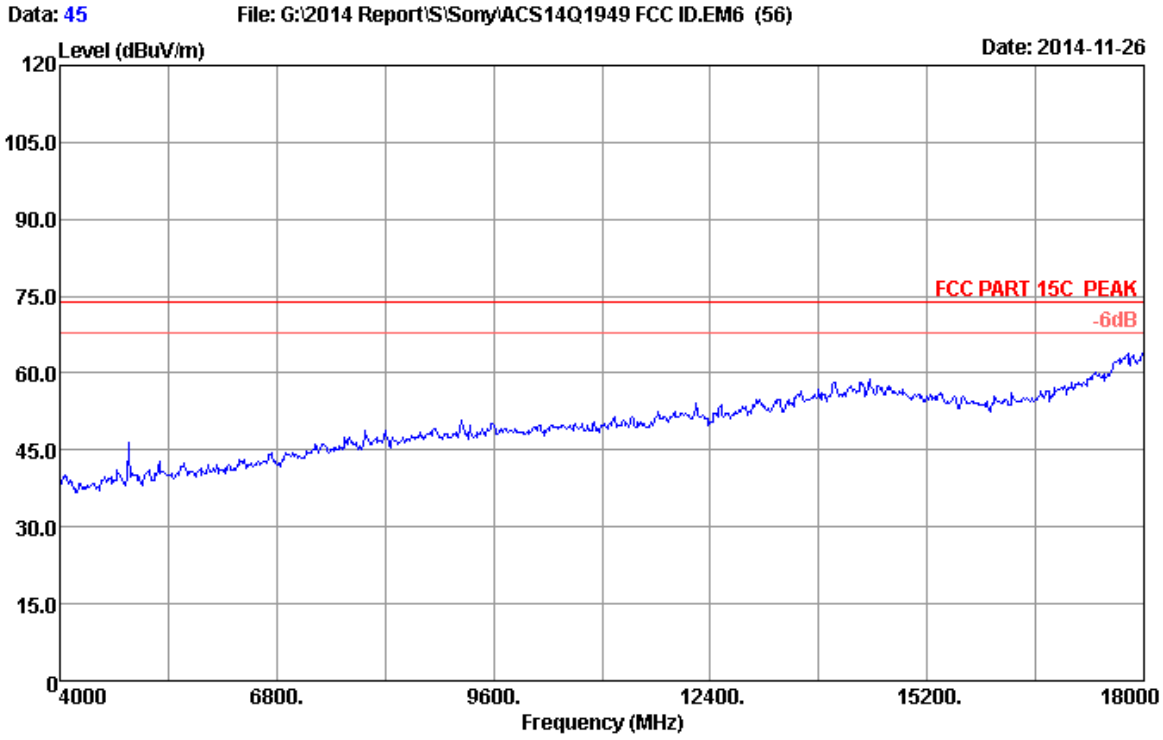


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2441MHz)
ZS-RS60BT

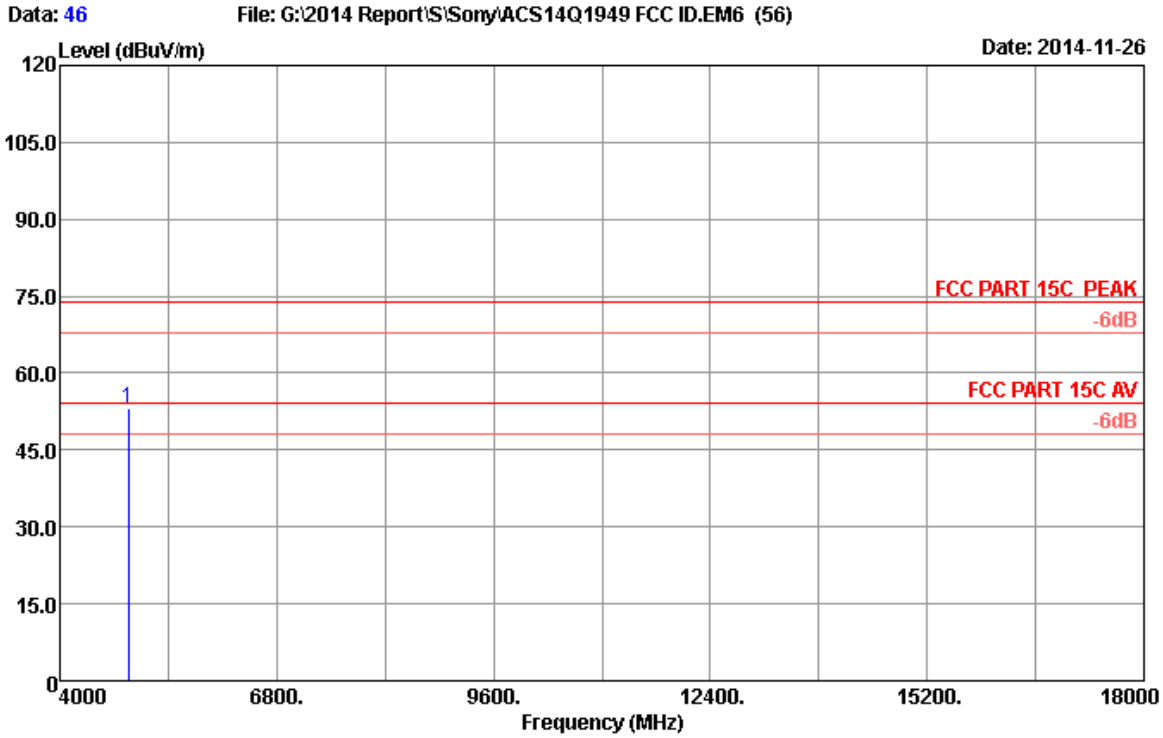
Data No :44
LISN phase:HORIZONTAL
Engineer :Kobe_Huang

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	4882.000	32.99	8.64	35.70	46.42	52.35	74.00	21.65	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	:45
Dis./Lisn	:3m 2014 3115 (4580)	LISN phase	:VERTICAL
Limit	:FCC PART 15C PEAK		
Env./Ins.	:23*C/54%	Engineer	:Kobe_Huang
EUT	:Personal Audio System		
Power Rating	:AC 120V/60Hz		
Test Mode	:Tx Mode (8-DPSK 2441MHz) ZS-RS60BT		

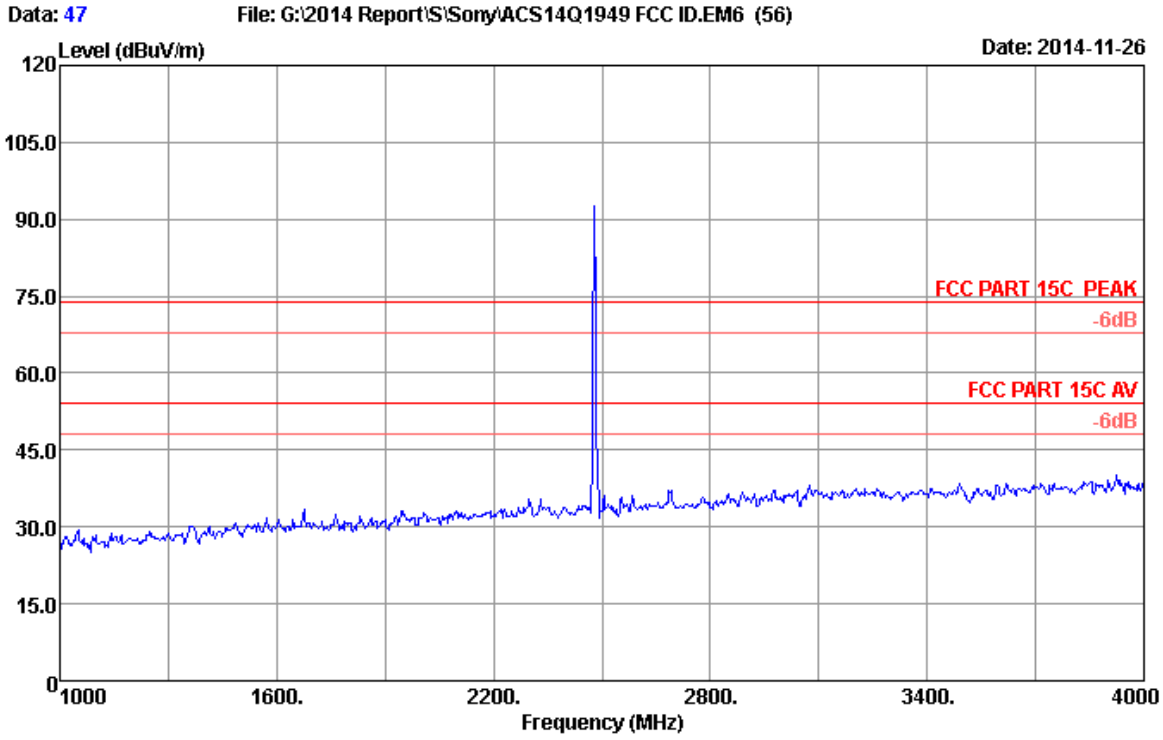


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2441MHz)
ZS-RS60BT

Data No :46
LISN phase:VERTICAL
Engineer :Kobe_Huang

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	4882.000	32.99	8.64	35.70	47.32	53.25	74.00	20.75	Peak

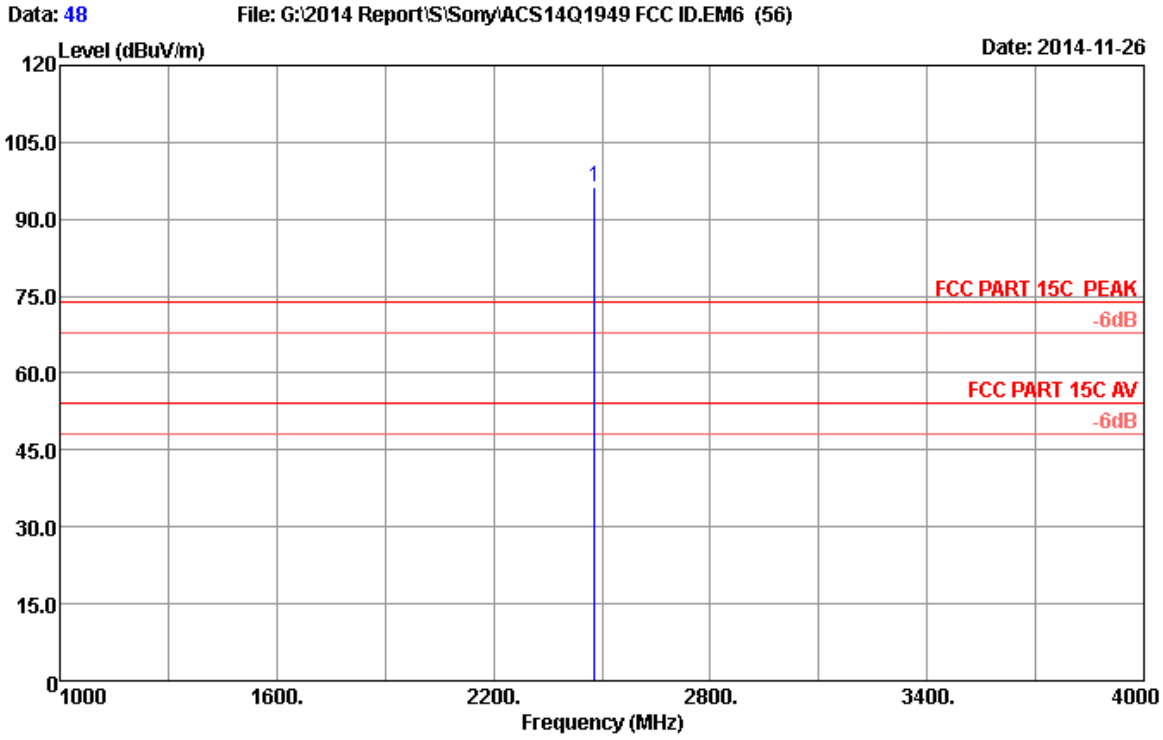
Remarks: 1.Emission Level=Antenna Factor+Cable Loss+Reading-Amp factor.
2.The emission Levels that are 20db below the official limit are not reported



Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2480MHz)
ZS-RS60BT

Data No :47
LISN phase:HORIZONTAL

Engineer :Kobe_Huang

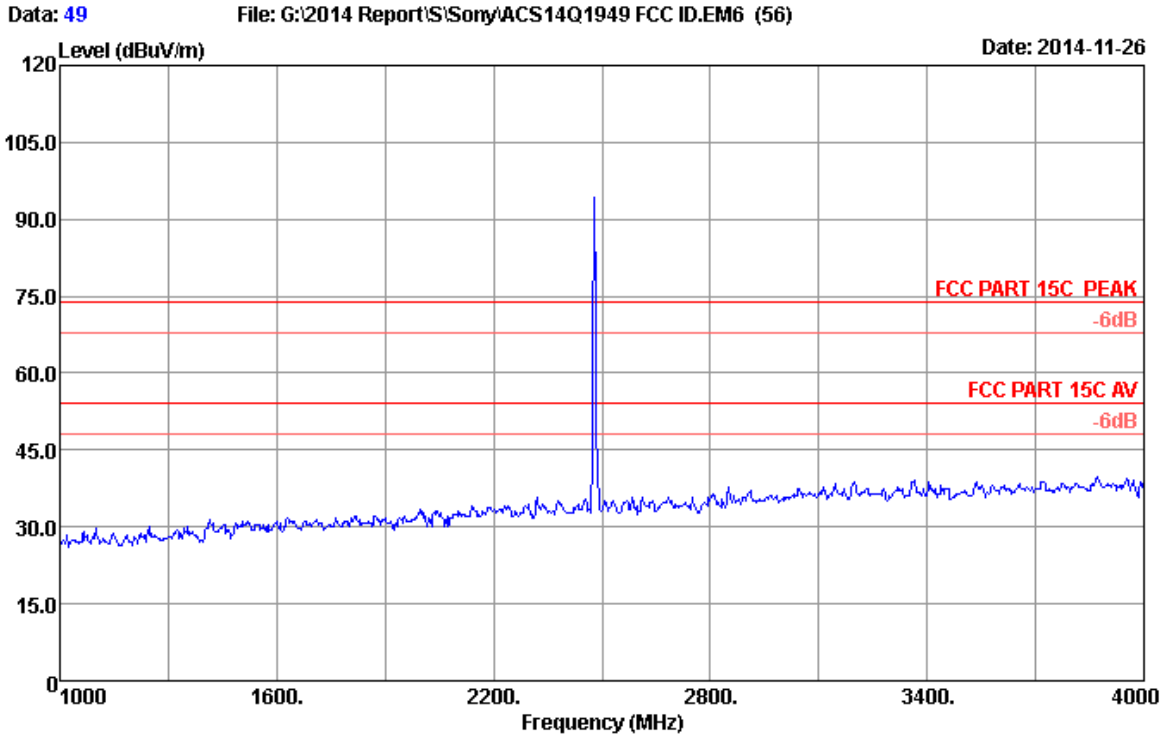


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2480MHz)
ZS-RS60BT

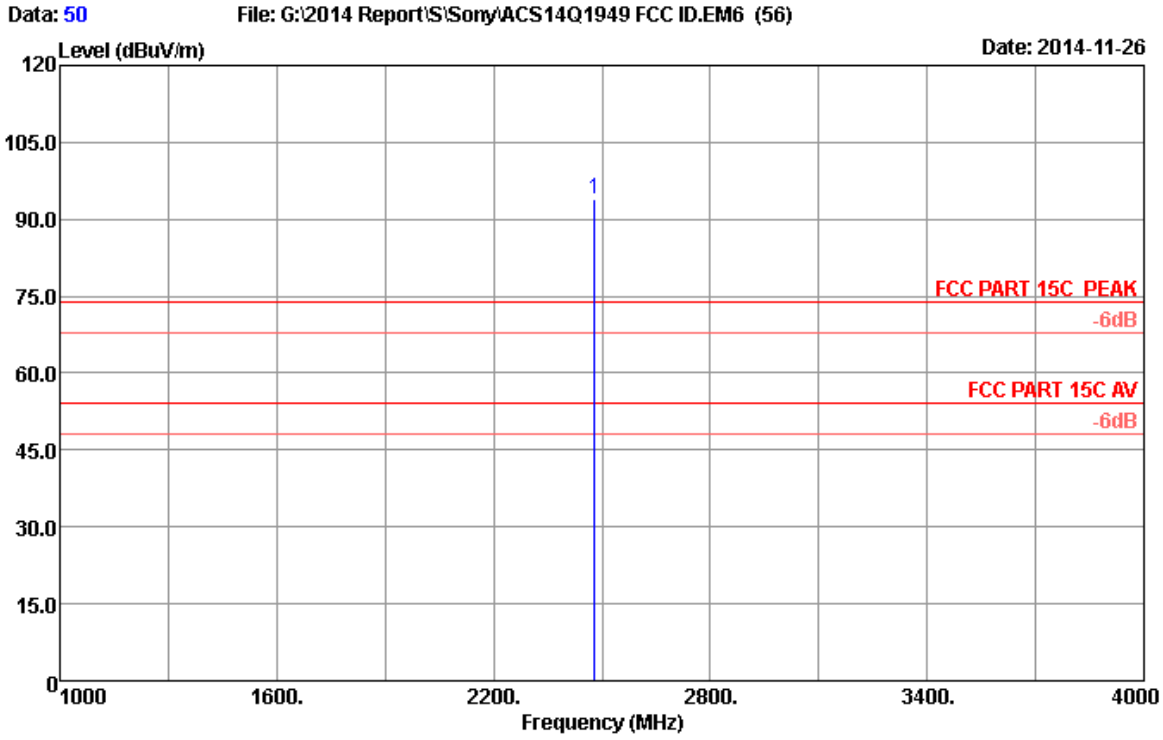
Data No :48
LISN phase:HORIZONTAL
Engineer :Kobe_Huang

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	97.65	96.22	74.00	-22.22	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	:49
Dis./Lisn	:3m 2014 3115 (4580)	LISN phase	:VERTICAL
Limit	:FCC PART 15C PEAK		
Env./Ins.	:23*C/54%	Engineer	:Kobe_Huang
EUT	:Personal Audio System		
Power Rating	:AC 120V/60Hz		
Test Mode	:Tx Mode (8-DPSK 2480MHz) ZS-RS60BT		

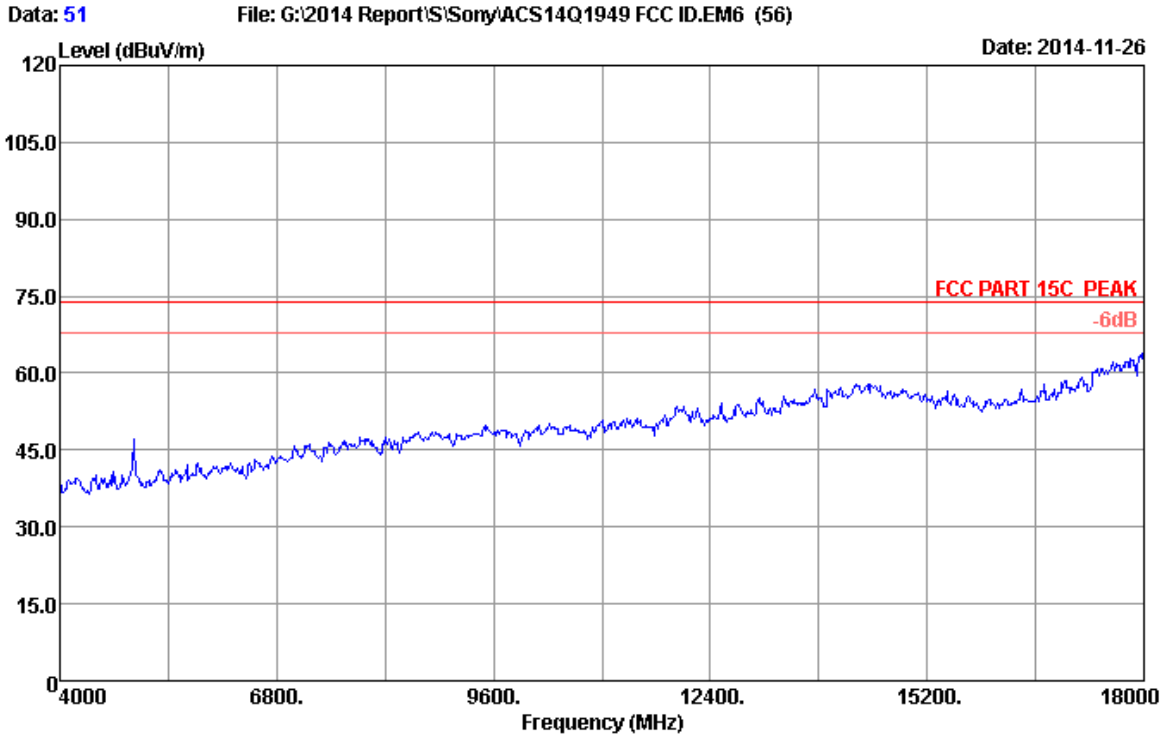


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2480MHz)
ZS-RS60BT

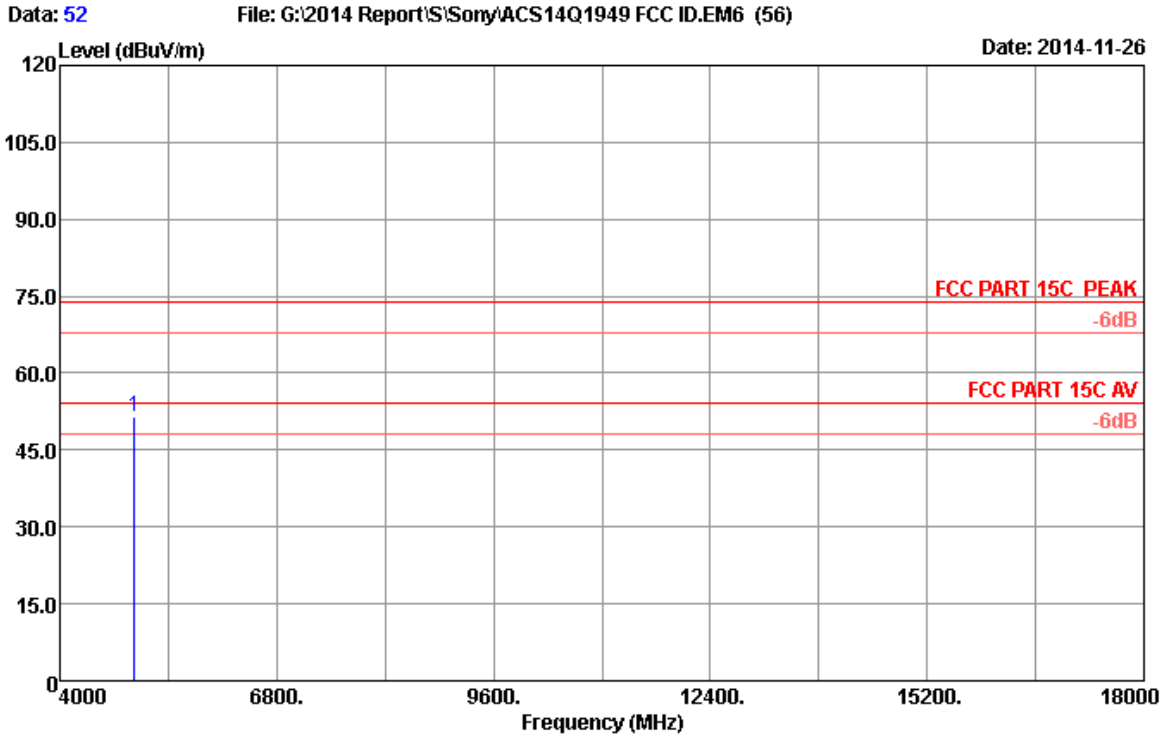
Data No :50
LISN phase:VERTICAL
Engineer :Kobe_Huang

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	95.52	94.09	74.00	-20.09	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	:51
Dis./Lisn	:3m 2014 3115 (4580)	LISN phase	:VERTICAL
Limit	:FCC PART 15C PEAK		
Env./Ins.	:23*C/54%	Engineer	:Kobe_Huang
EUT	:Personal Audio System		
Power Rating	:AC 120V/60Hz		
Test Mode	:Tx Mode (8-DPSK 2480MHz) ZS-RS60BT		

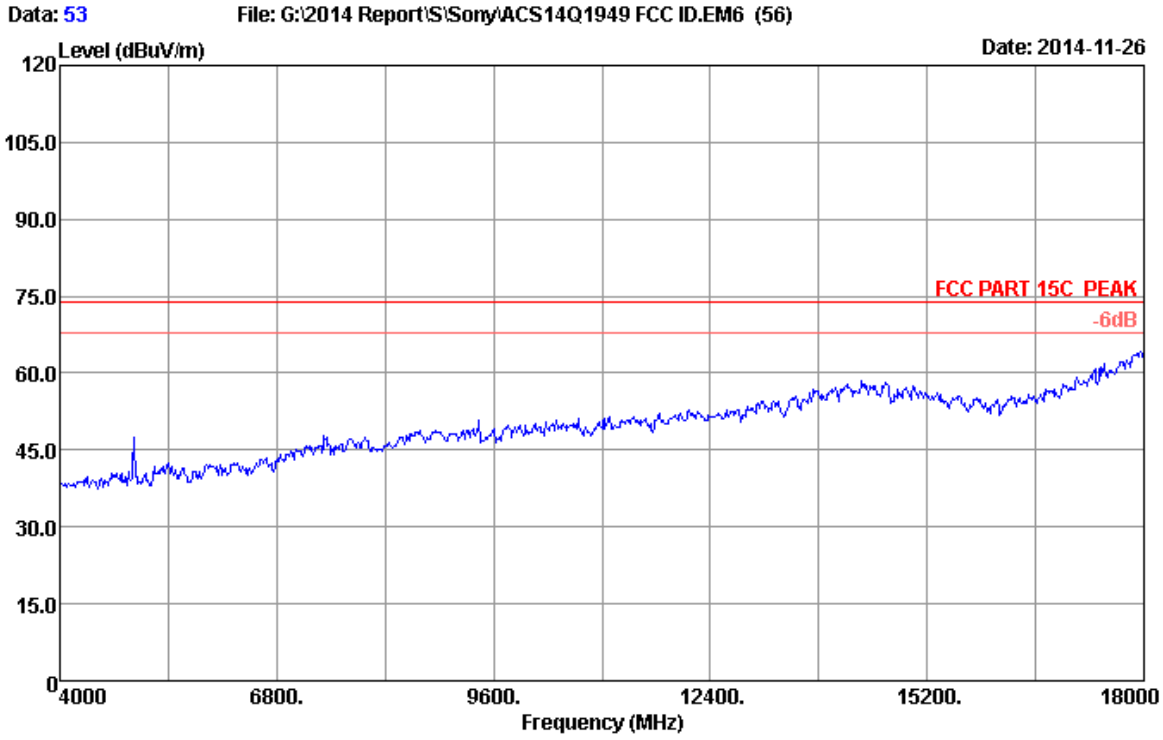


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2480MHz)
ZS-RS60BT

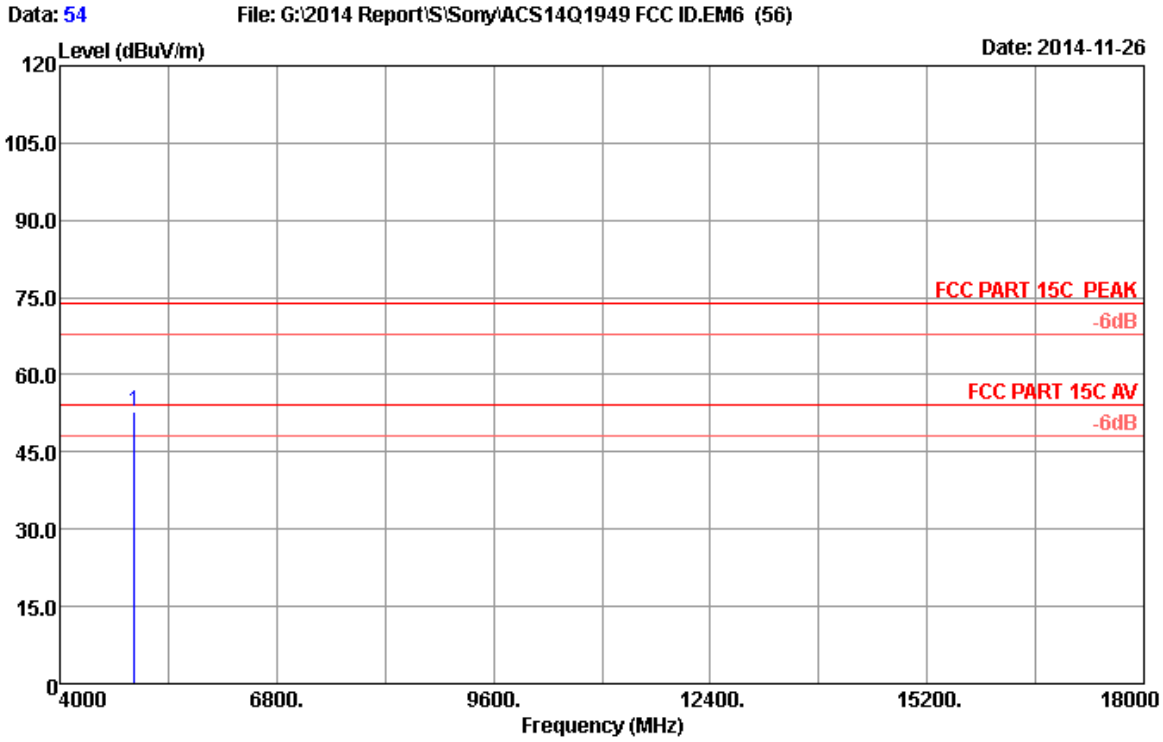
Data No :52
LISN phase:VERTICAL
Engineer :Kobe_Huang

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	4960.000	33.13	8.72	35.70	45.37	51.52	74.00	22.48	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    :53
Dis./Lisn     :3m   2014 3115 (4580)               LISN phase:HORIZONTAL
Limit         :FCC PART 15C  PEAK
Env./Ins.     :23*C/54%                            Engineer   :Kobe_Huang
EUT           :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode     :Tx Mode (8-DPSK 2480MHz )
               ZS-RS60BT
```



Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2480MHz)
ZS-RS60BT

Data No :54
LISN phase:HORIZONTAL

Engineer :Kobe_Huang

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	4960.000	33.13	8.72	35.70	46.53	52.68	74.00	21.32	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 in 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.

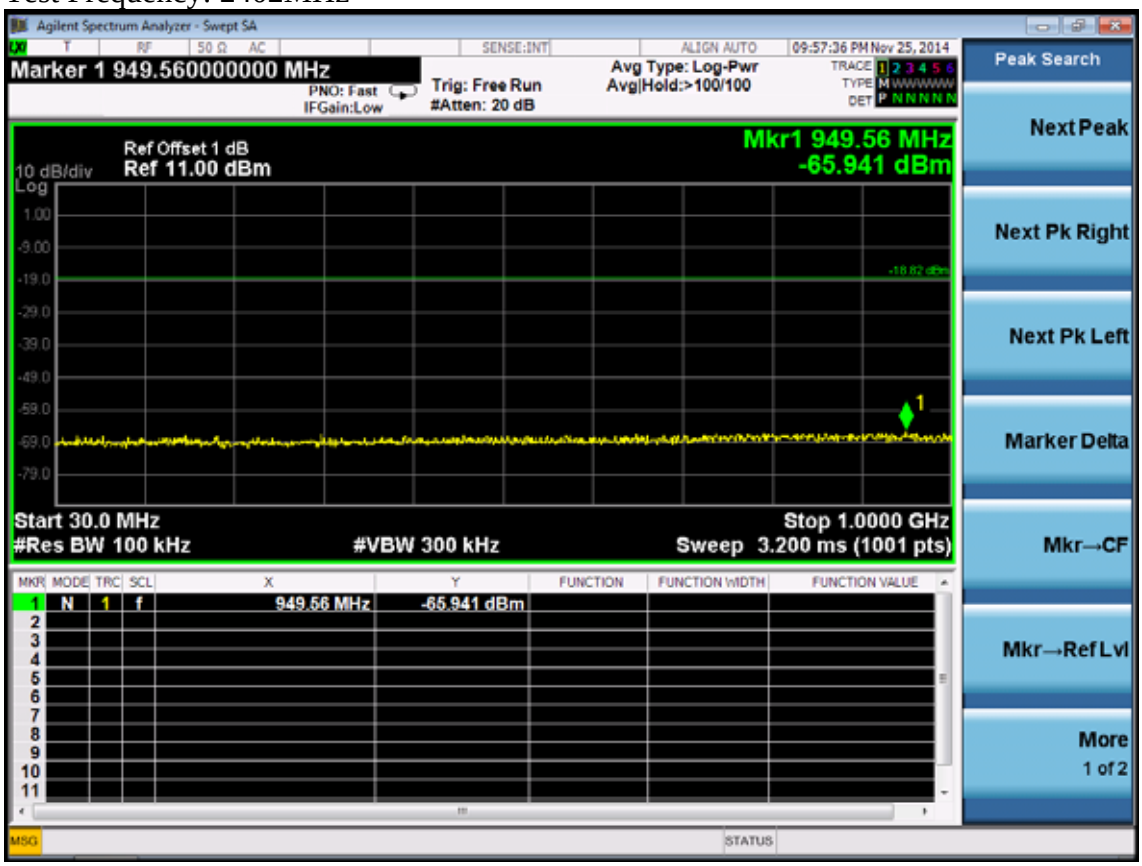
5.3.Test Procedure

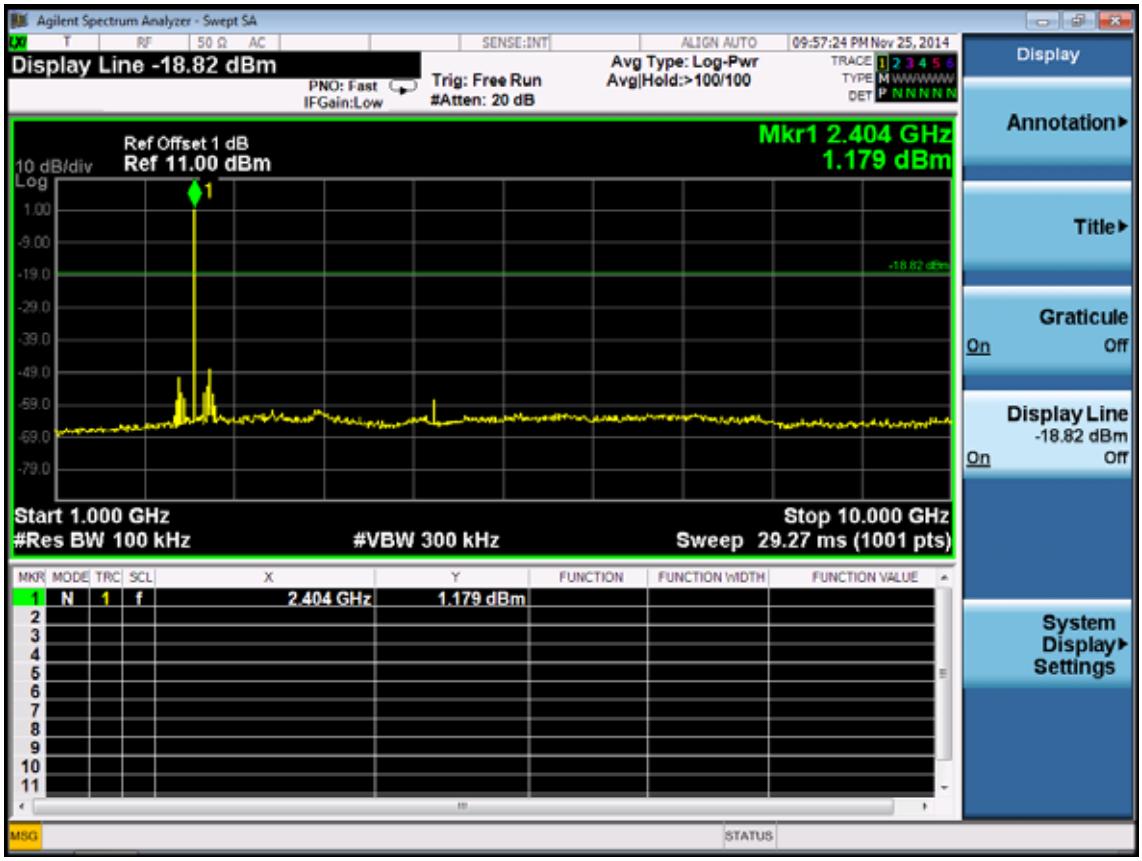
The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions detected.

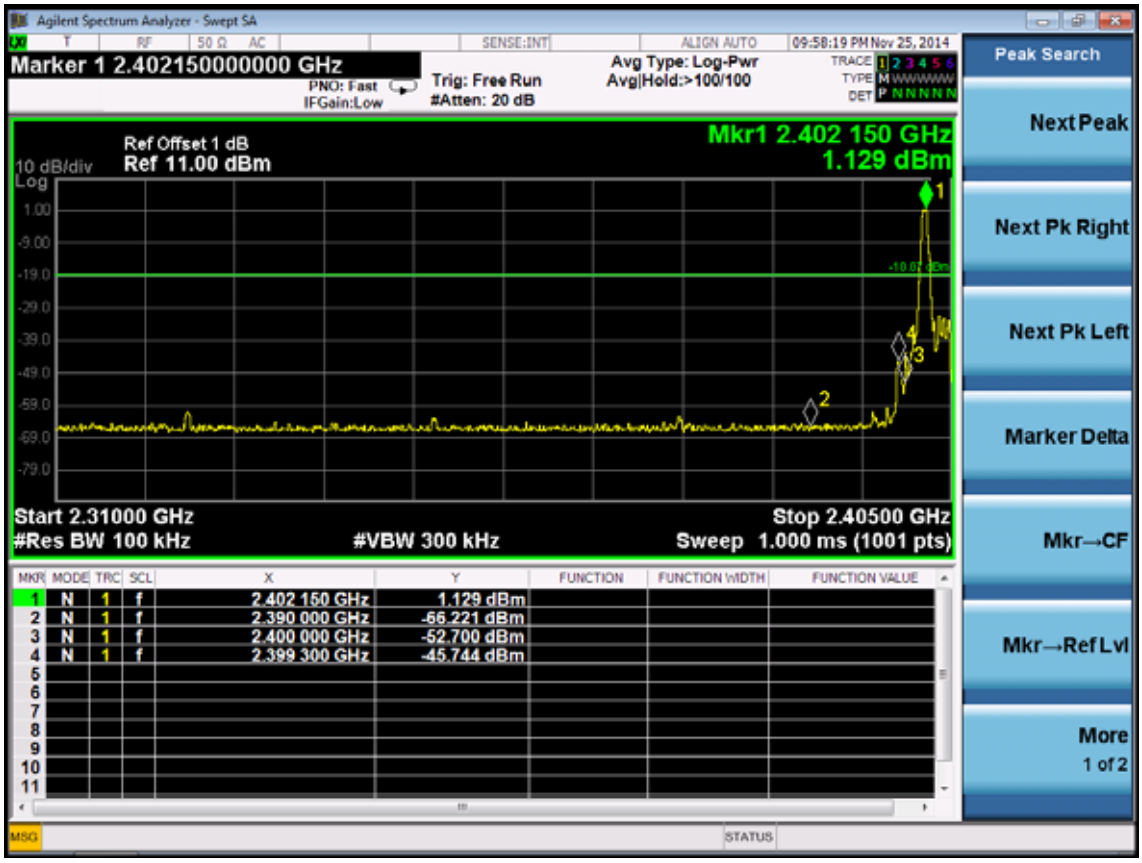
5.4.Test result

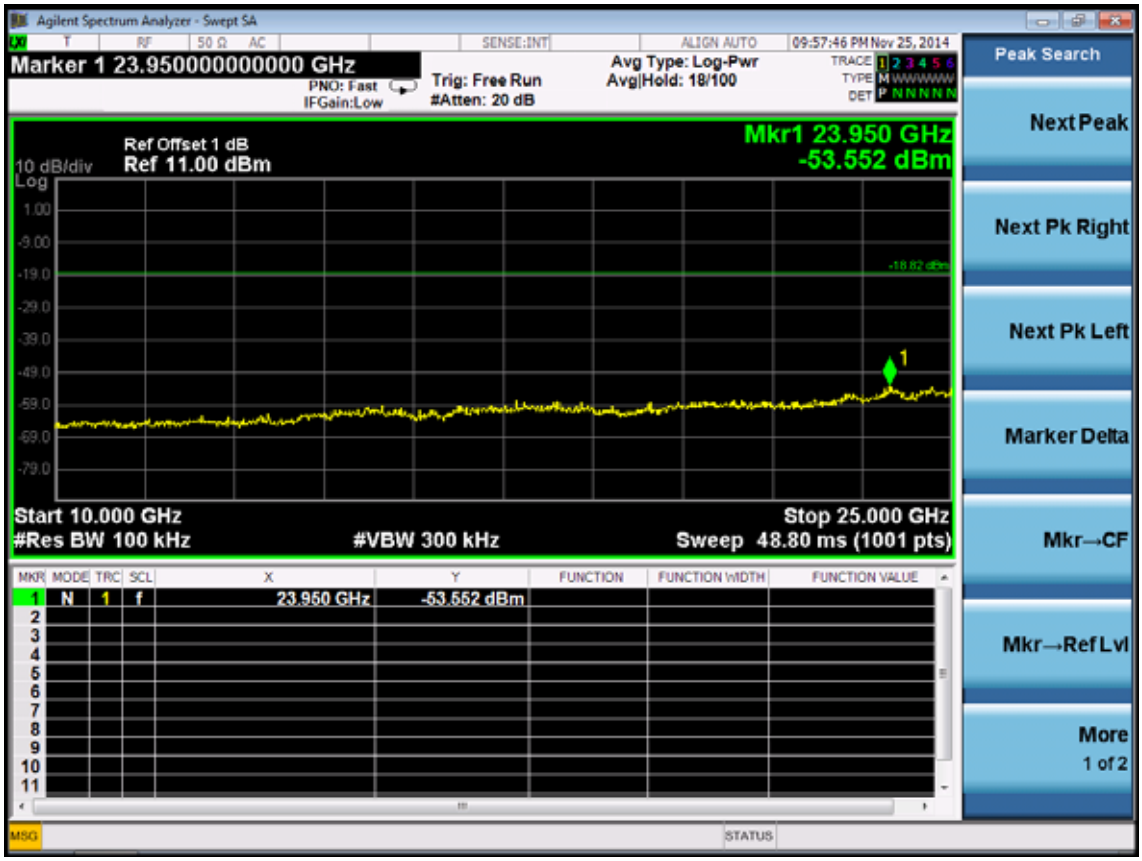
PASS (The testing data was attached in the next pages.)

Hopping off
GFSK
Test Frequency: 2402MHz

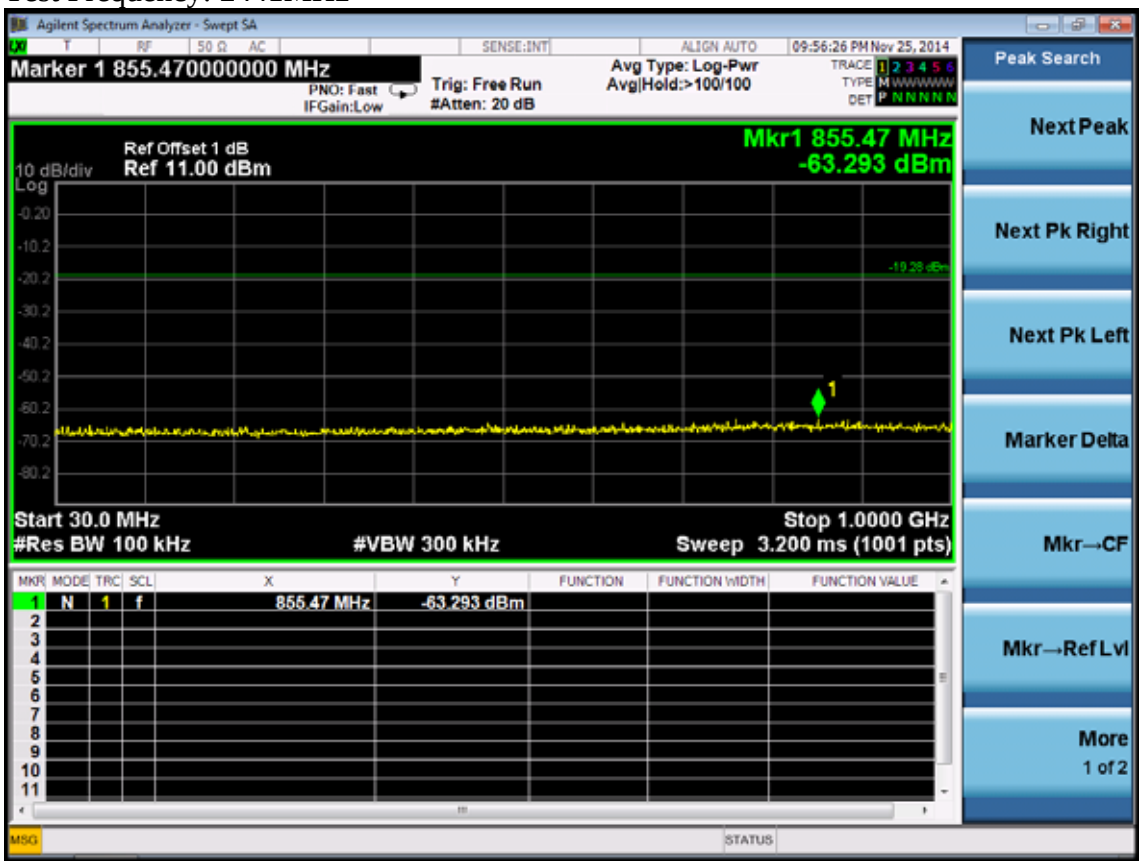


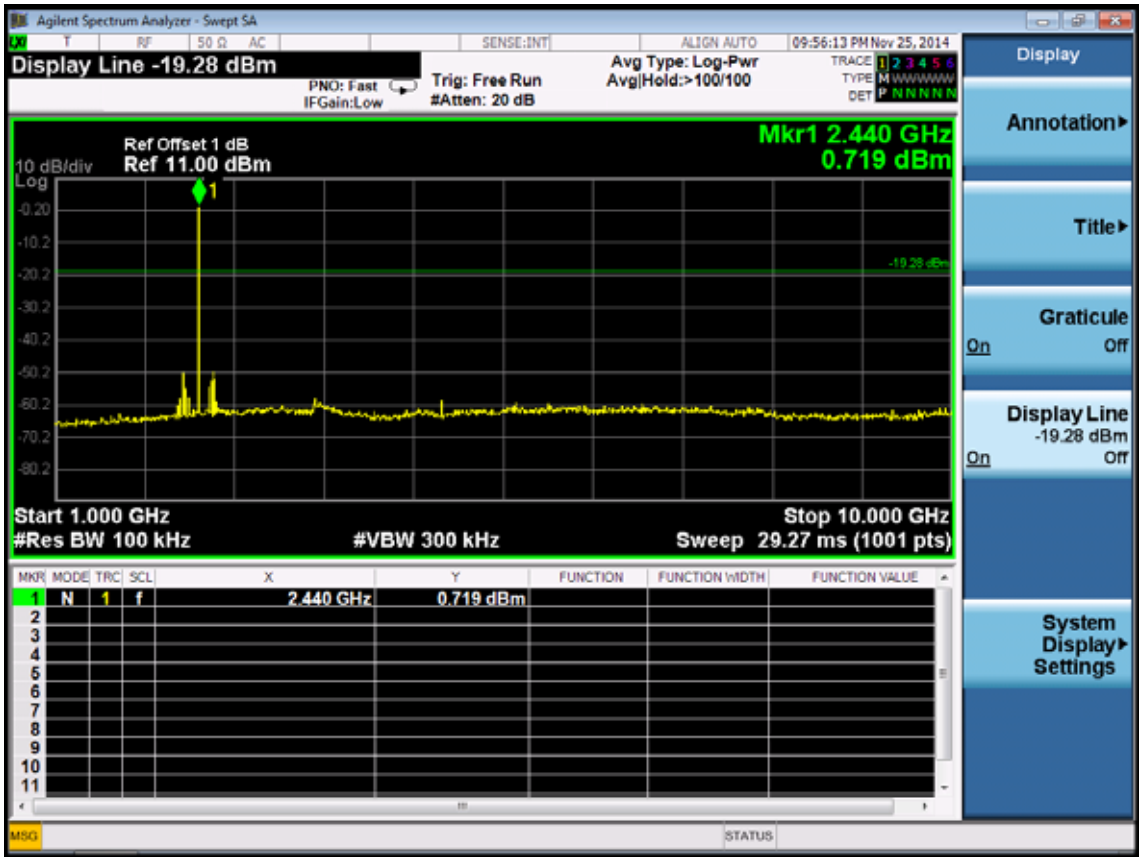


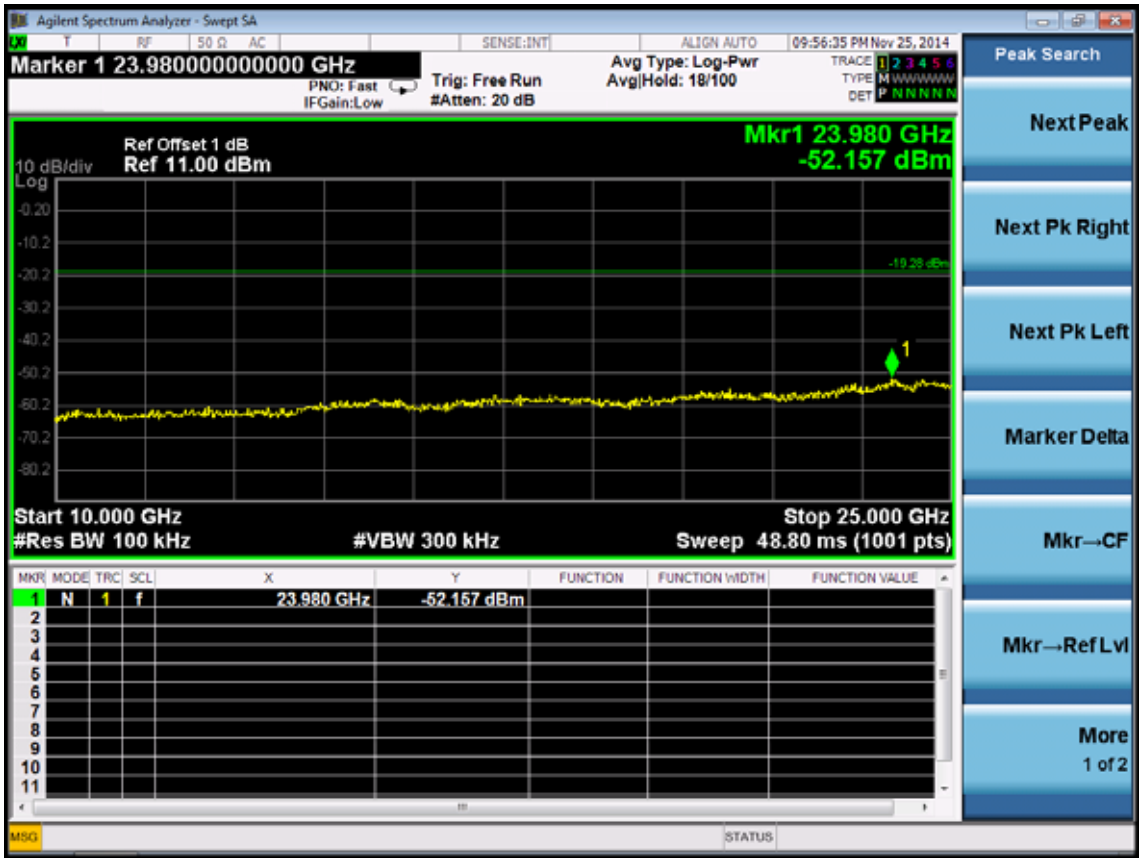

Agilent Spectrum Analyzer - Swept SA
Marker 1 2.402150000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
09:58:19 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Mkr1 2.402 150 GHz
1.129 dBm
Start 2.31000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.40500 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 2.402 150 GHz 1.129 dBm
2 N 1 f 2.390 000 GHz -66.221 dBm
3 N 1 f 2.400 000 GHz -52.700 dBm
4 N 1 f 2.399 300 GHz -45.744 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2


Agilent Spectrum Analyzer - Swept SA
Marker 1 23.950000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 18/100
09:57:46 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Mkr1 23.950 GHz
-53.552 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 48.80 ms (1001 pts)
1 N 1 f 23.950 GHz -53.552 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

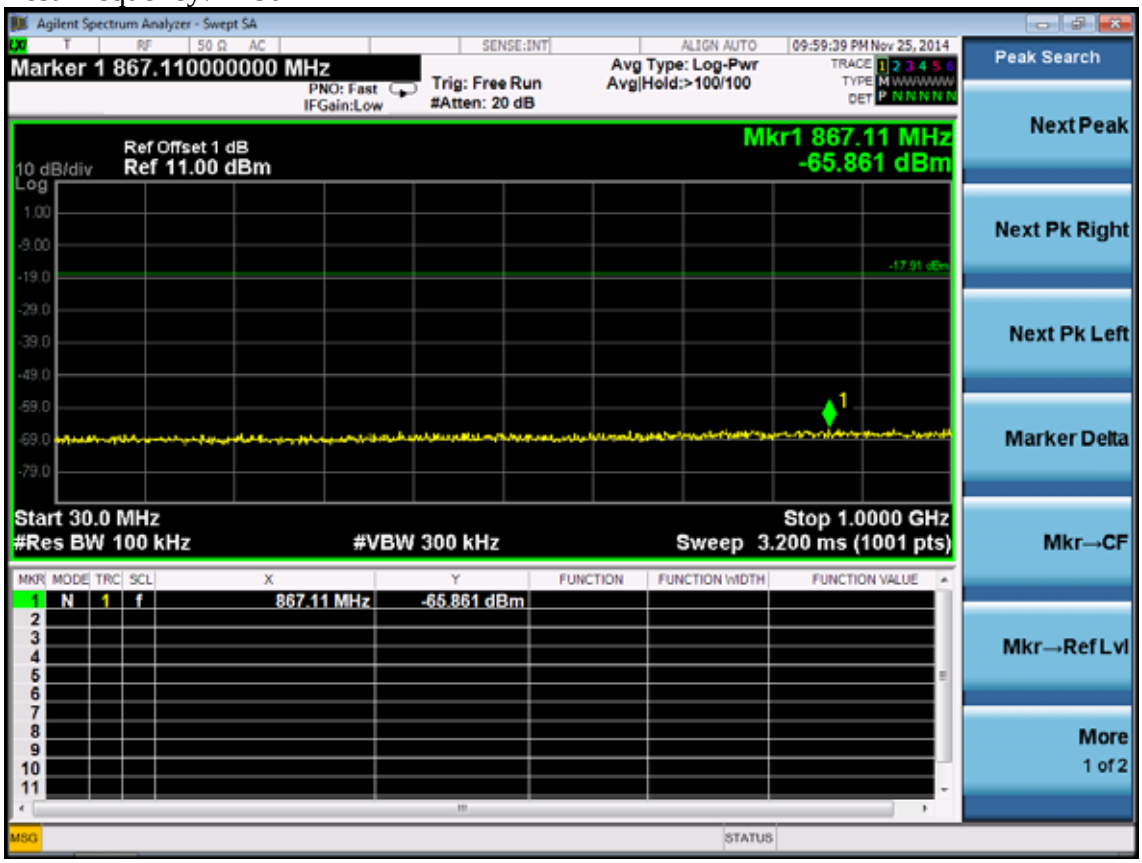
Test Frequency: 2441MHz

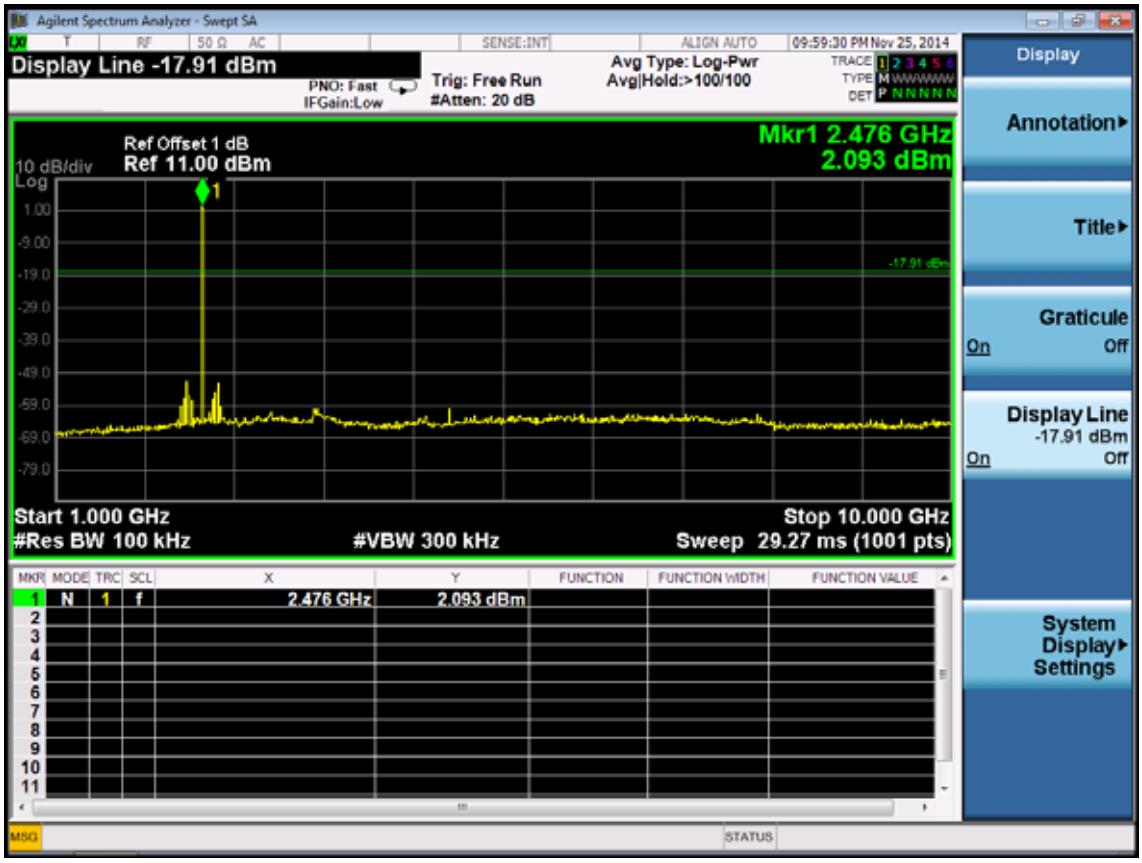




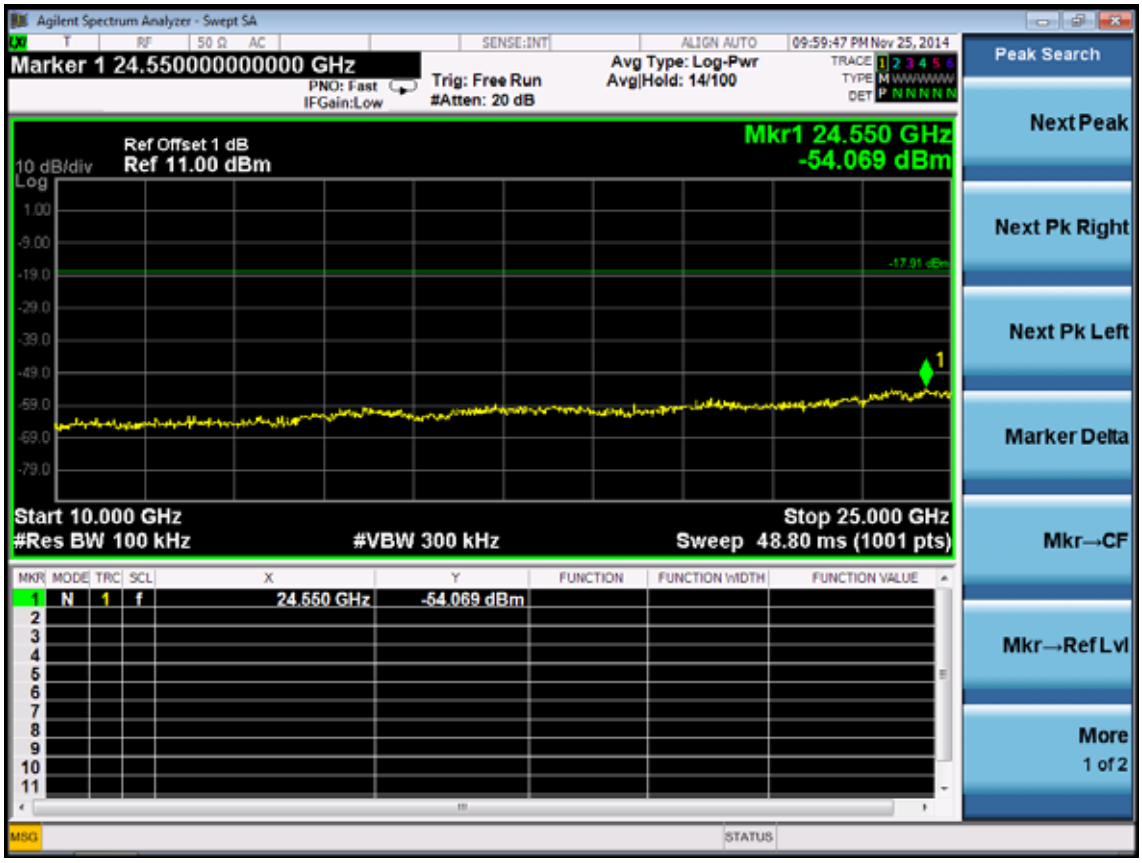


Test Frequency: 2480MHz



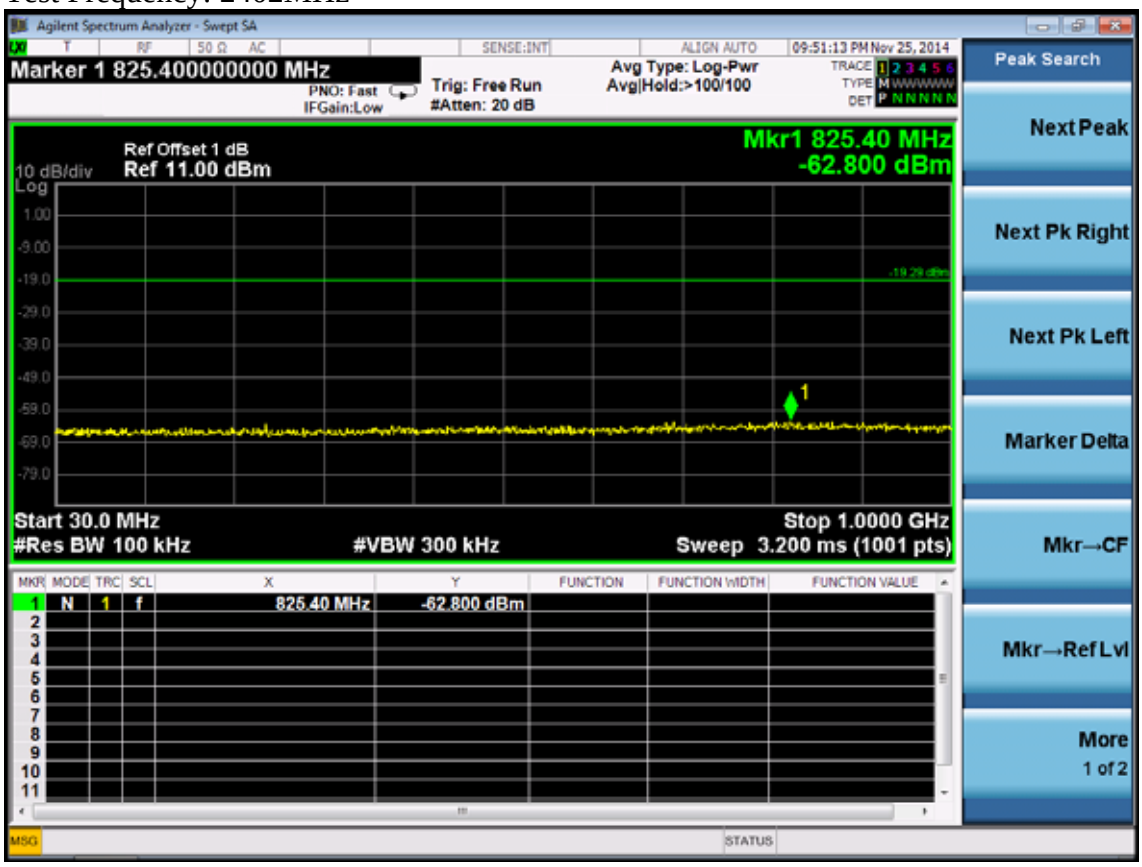

Agilent Spectrum Analyzer - Swept SA
Display Line -17.91 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
09:59:30 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Mkr1 2.476 GHz
2.093 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 10.000 GHz
Sweep 29.27 ms (1001 pts)
1 N 1 f 2.476 GHz 2.093 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-17.91 dBm
On Off
System Display Settings

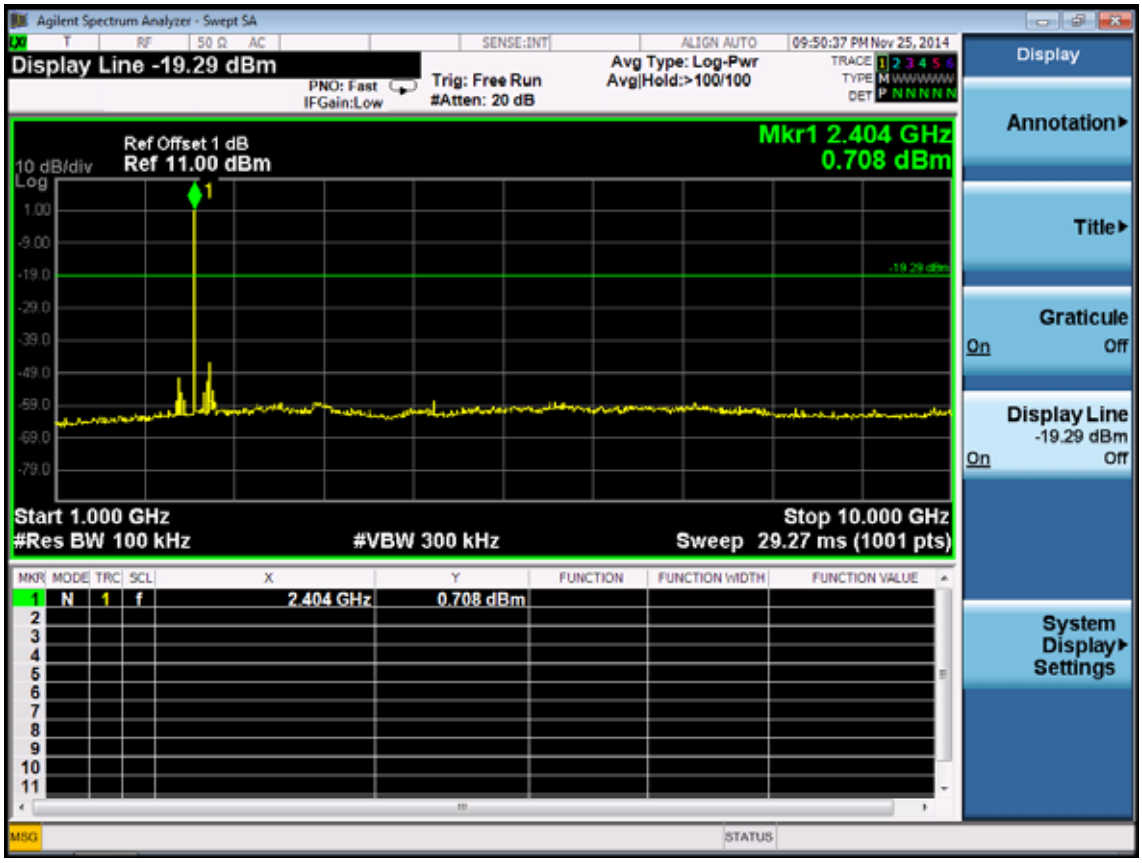
Agilent Spectrum Analyzer - Swept SA
Display Line -18.01 dBm
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
09:59:05 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Mkr1 2.479 871 GHz
1.995 dBm
Start 2.47700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.51000 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 2.479 871 GHz 1.995 dBm
2 N 1 f 2.483 500 GHz -60.169 dBm
3 N 1 f 2.500 000 GHz -66.442 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-18.01 dBm
On Off
System Display Settings

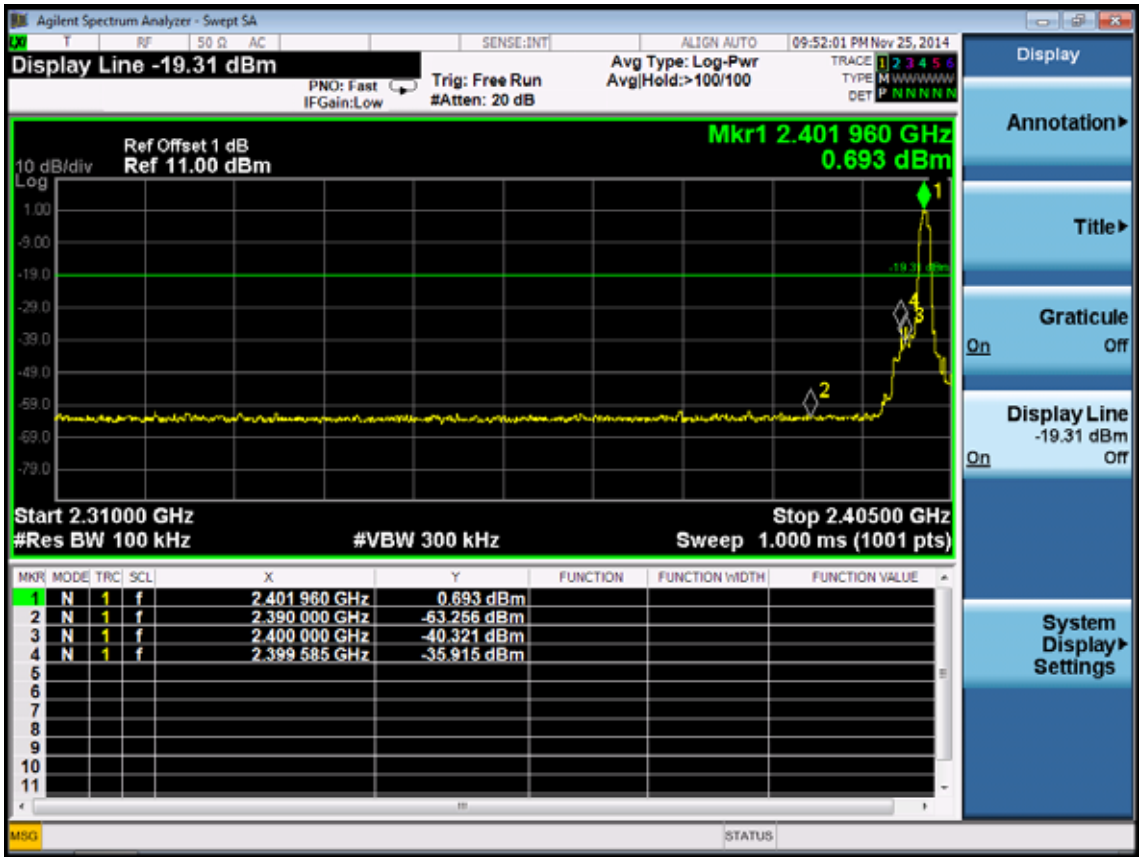


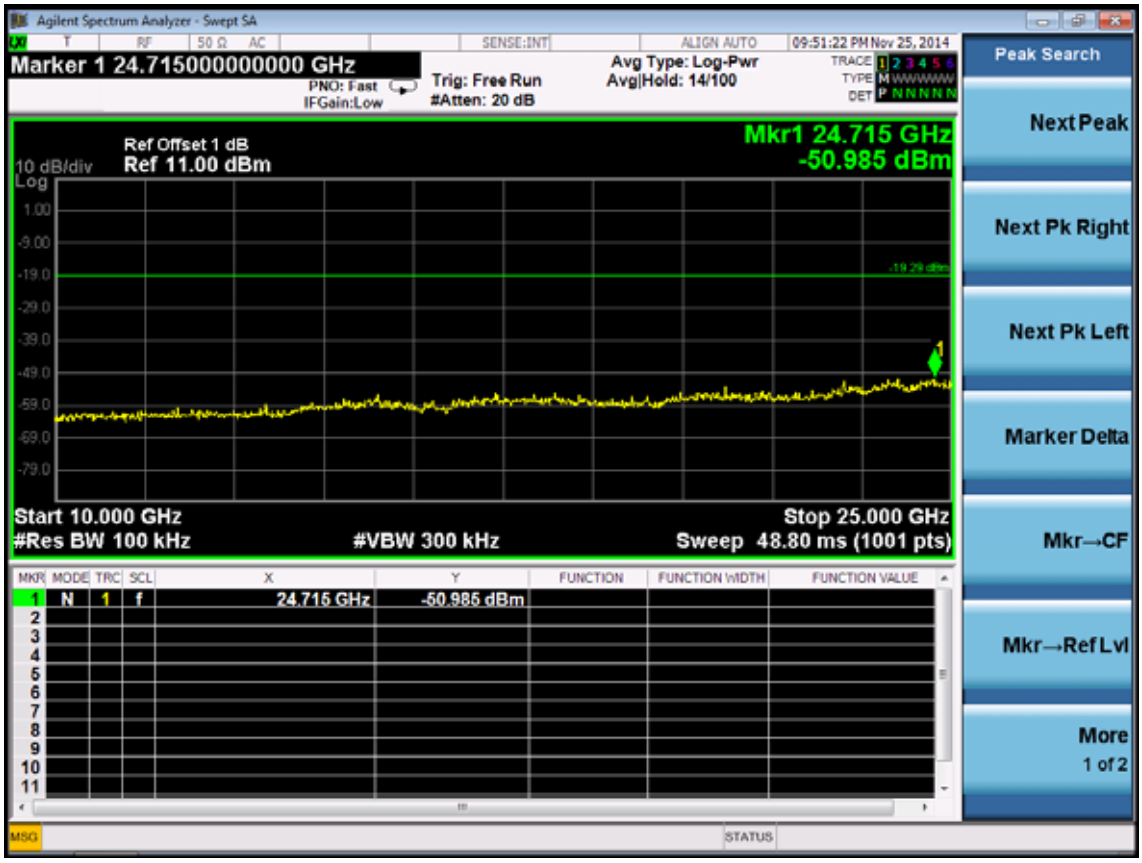
8-DPSK

Test Frequency: 2402MHz

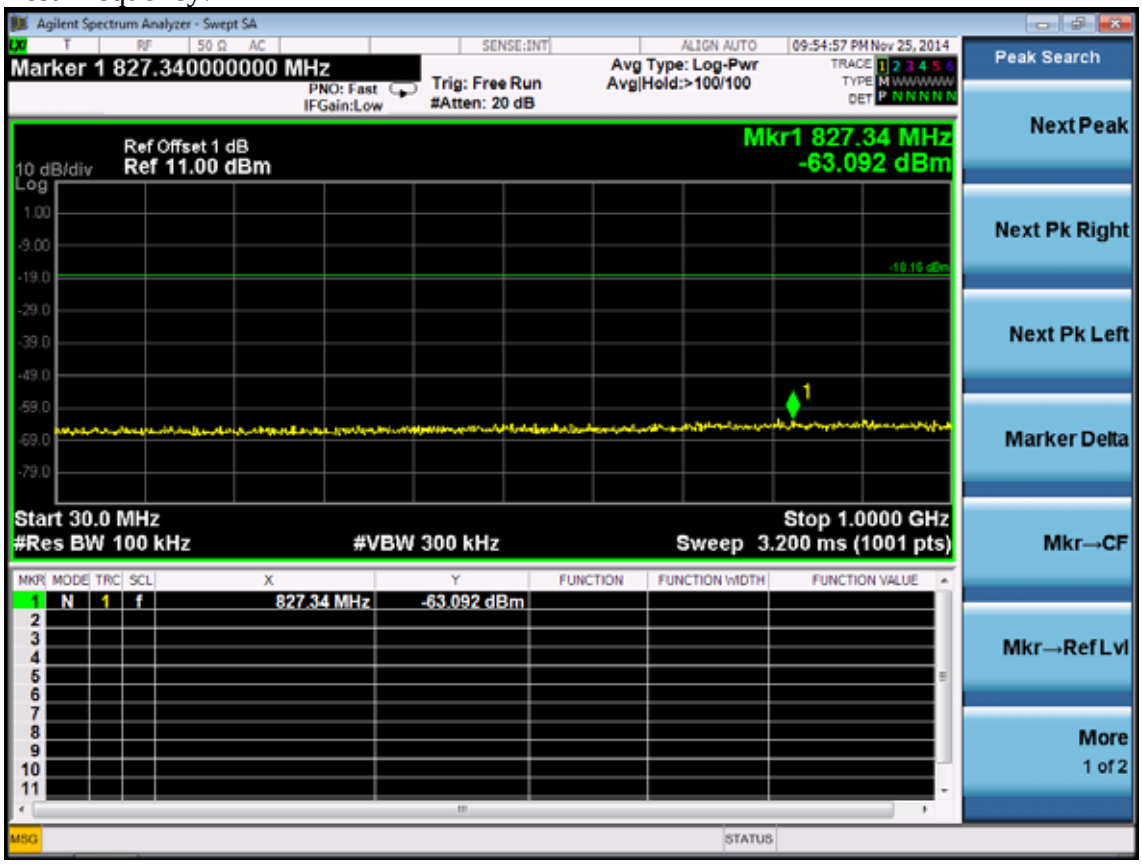


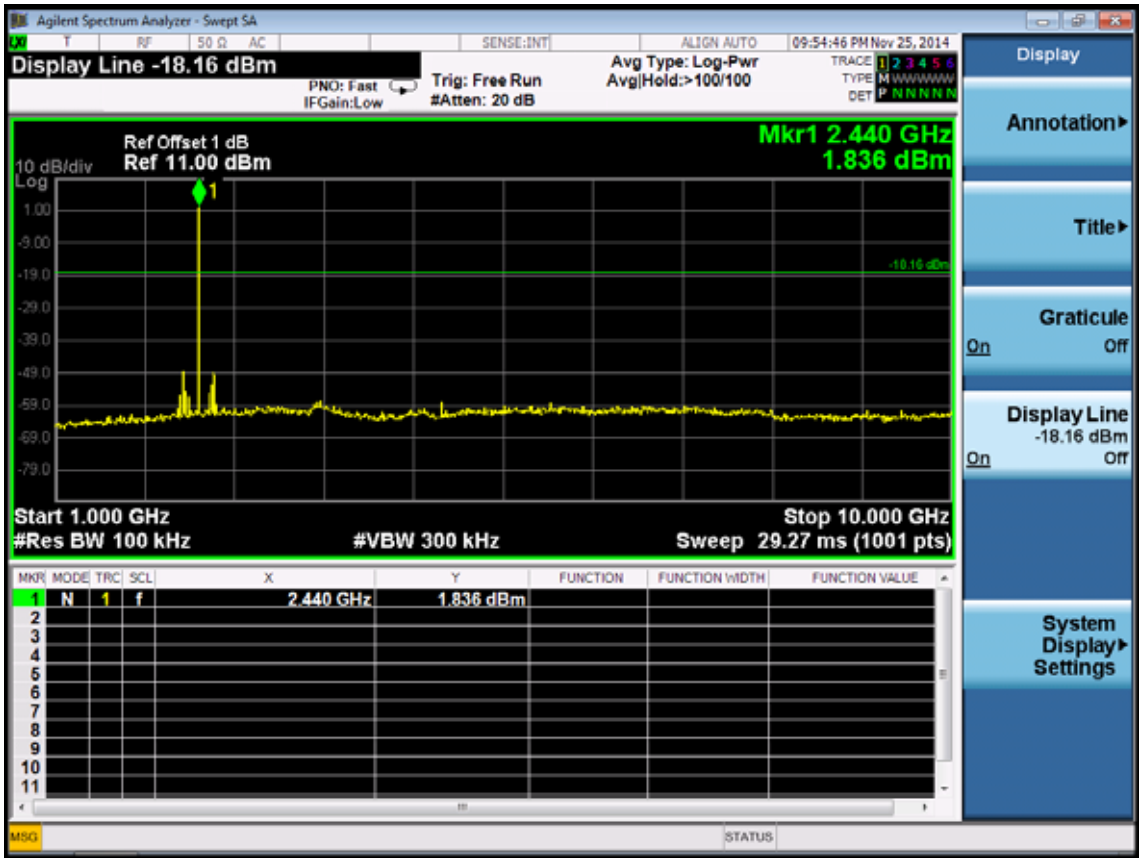

Agilent Spectrum Analyzer - Swept SA
Display Line -19.29 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
09:50:37 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Mkr1 2.404 GHz
0.708 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 10.000 GHz
Sweep 29.27 ms (1001 pts)
1 N 1 f 2.404 GHz 0.708 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-19.29 dBm
On Off
System Display Settings

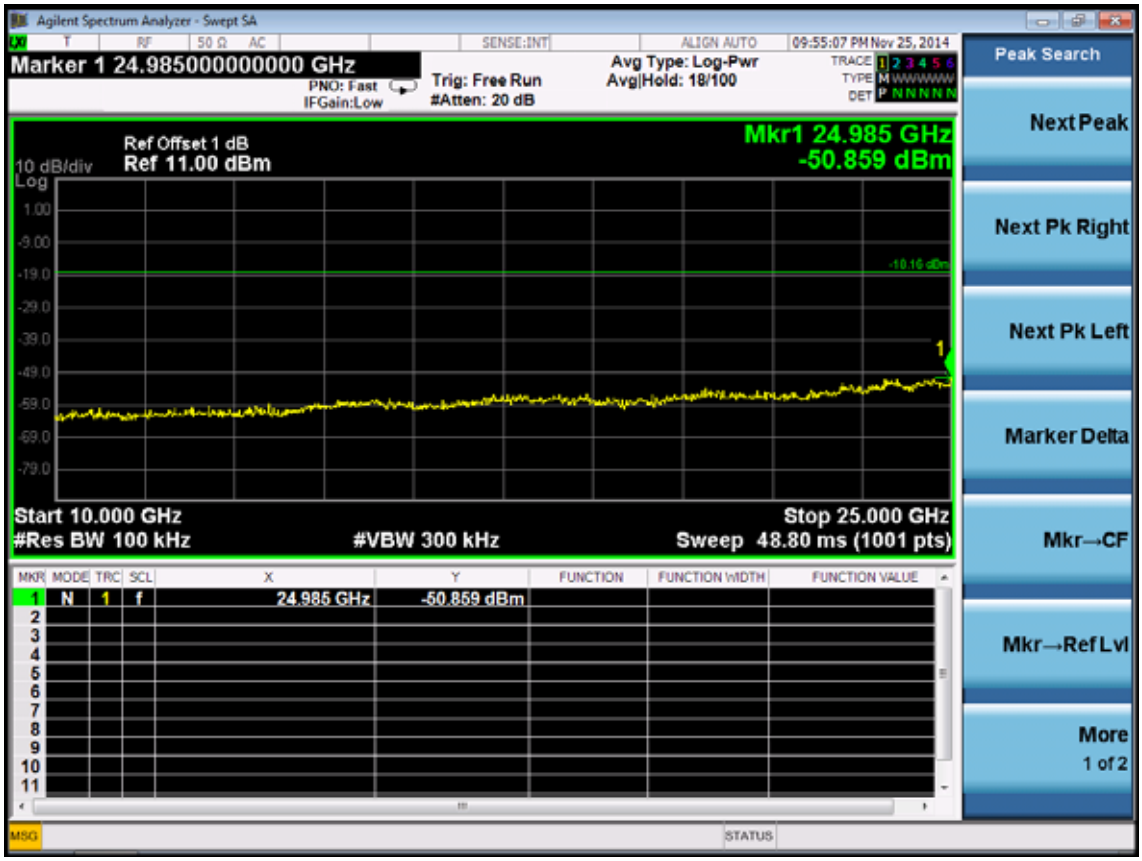

Agilent Spectrum Analyzer - Swept SA
Display Line -19.31 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
09:52:01 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Mkr1 2.401 960 GHz
0.693 dBm
Start 2.31000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.40500 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 2.401 960 GHz 0.693 dBm
2 N 1 f 2.390 000 GHz -63.256 dBm
3 N 1 f 2.400 000 GHz -40.321 dBm
4 N 1 f 2.399 585 GHz -35.915 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-19.31 dBm
On Off
System Display Settings



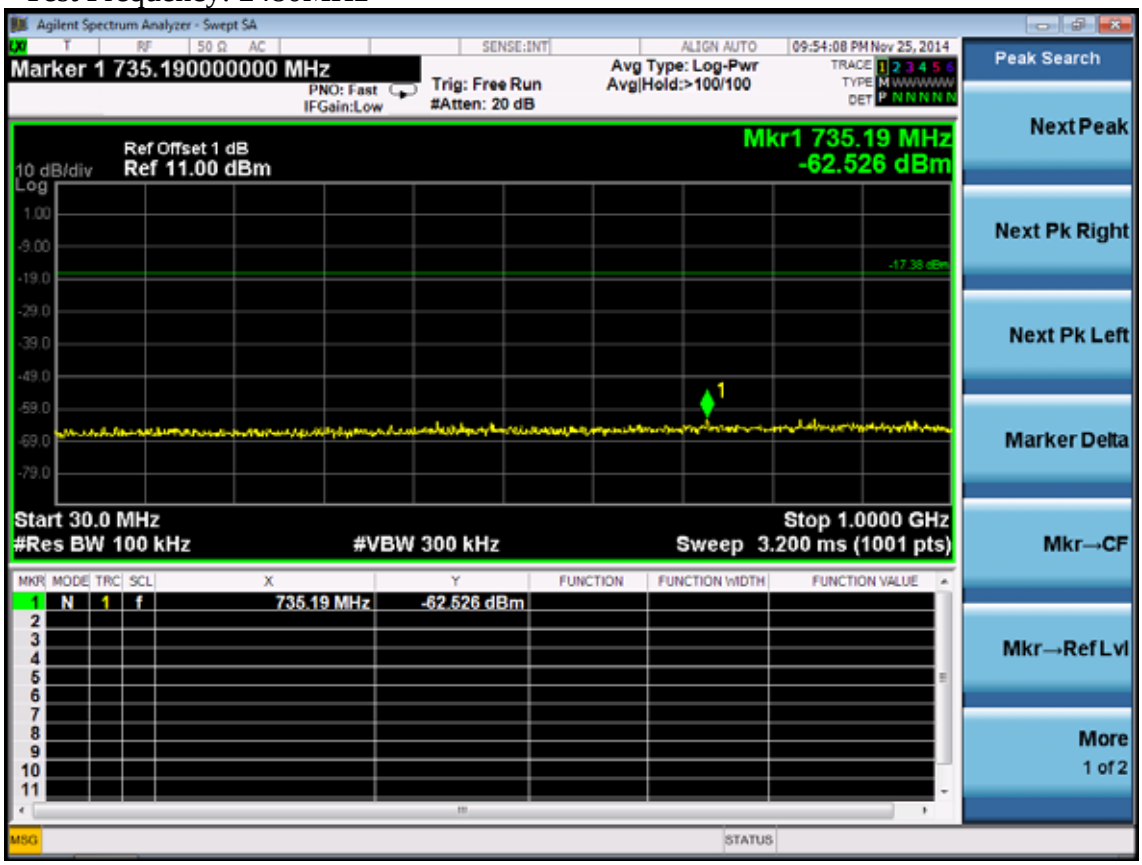
Test Frequency: 2441MHz

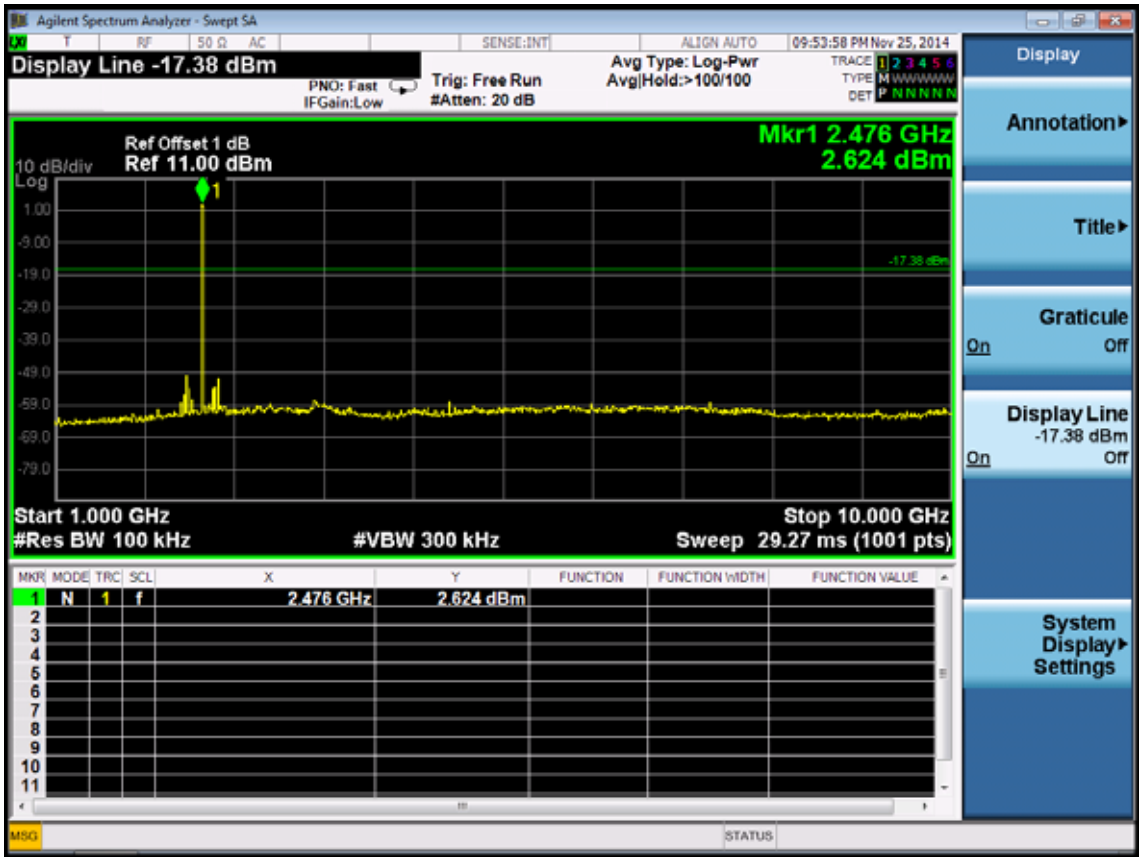


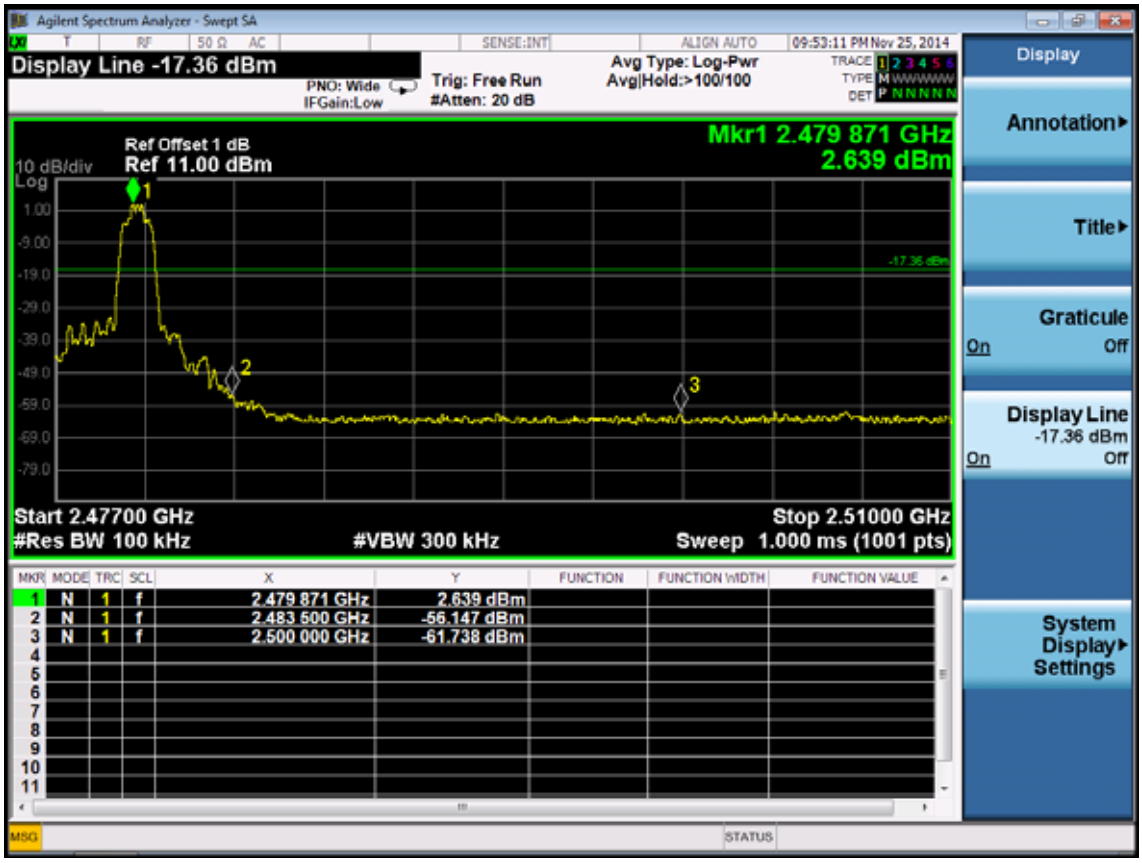

Agilent Spectrum Analyzer - Swept SA
Display Line -18.16 dBm
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
09:54:46 PM Nov 25, 2014
Ref Offset 1 dB
Ref 11.00 dBm
10 dB/div
Log
Mkr1 2.440 GHz
1.836 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 10.000 GHz
Sweep 29.27 ms (1001 pts)
1 N 1 f 2.440 GHz 1.836 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-18.16 dBm
On Off
System Display Settings

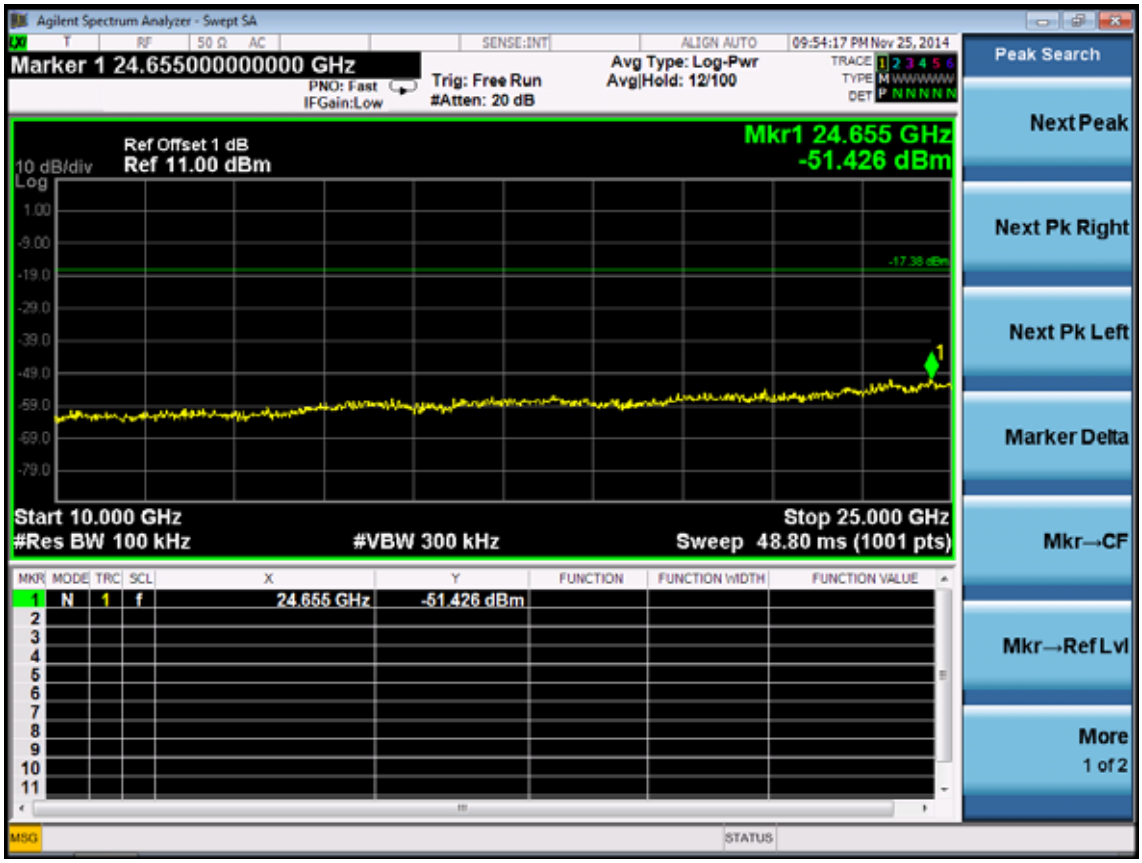

Agilent Spectrum Analyzer - Swept SA
Marker 1 24.985000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 18/100
09:55:07 PM Nov 25, 2014
Ref Offset 1 dB
Ref 11.00 dBm
10 dB/div
Log
Mkr1 24.985 GHz
-50.859 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 48.80 ms (1001 pts)
1 N 1 f 24.985 GHz -50.859 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

Test Frequency: 2480MHz



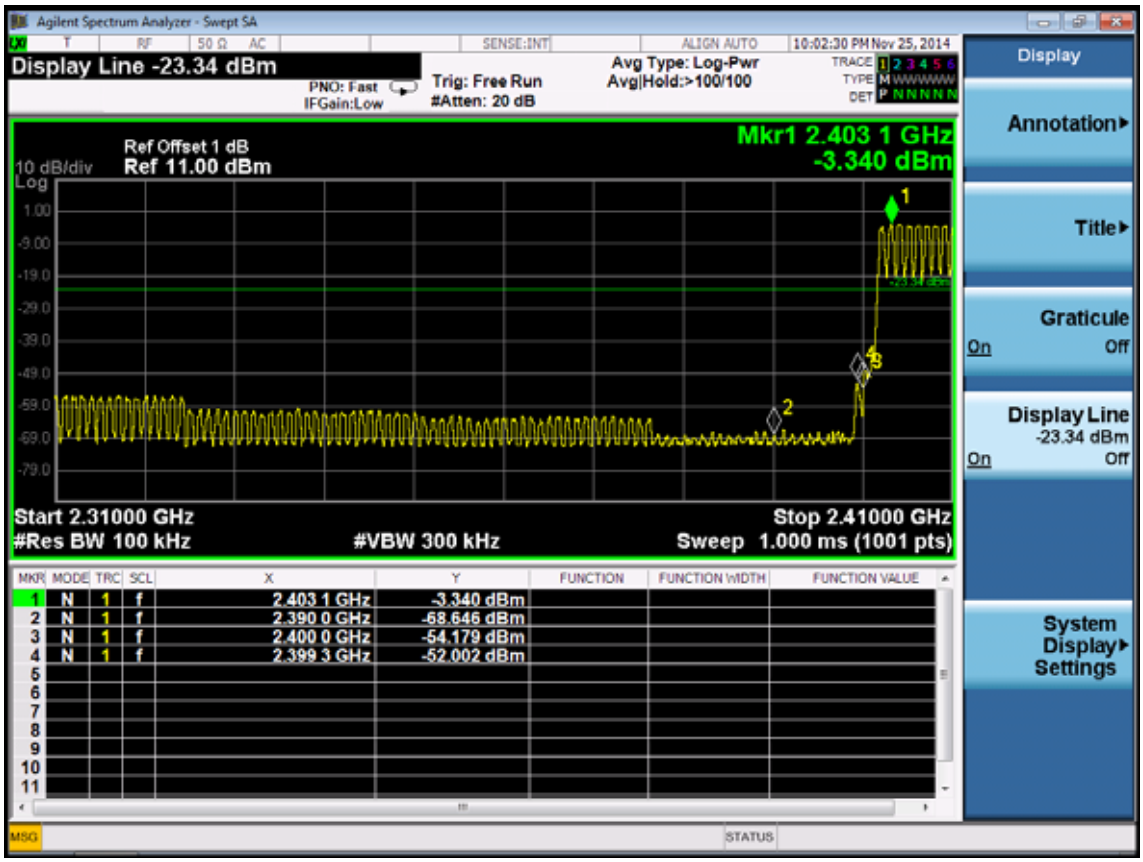


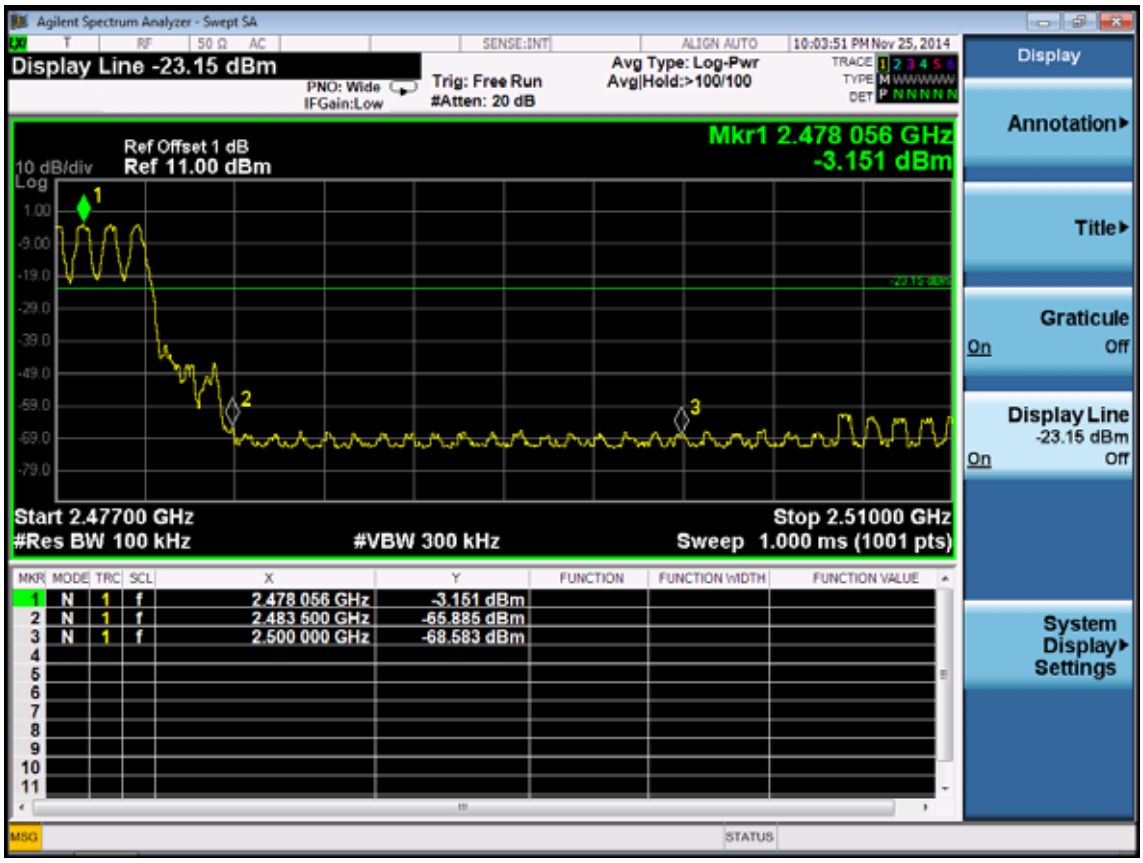

Agilent Spectrum Analyzer - Swept SA
Display Line -17.36 dBm
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
09:53:11 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Mkr1 2.479 871 GHz
2.639 dBm
Start 2.47700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.51000 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 2.479 871 GHz 2.639 dBm
2 N 1 f 2.483 500 GHz -56.147 dBm
3 N 1 f 2.500 000 GHz -61.738 dBm
Display
Annotation
Title
Graticule
On Off
Display Line
-17.36 dBm
On Off
System Display Settings


Agilent Spectrum Analyzer - Swept SA
Marker 1 24.655000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 12/100
09:54:17 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Mkr1 24.655 GHz
-51.426 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.000 GHz
Sweep 48.80 ms (1001 pts)
1 N 1 f 24.655 GHz -51.426 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

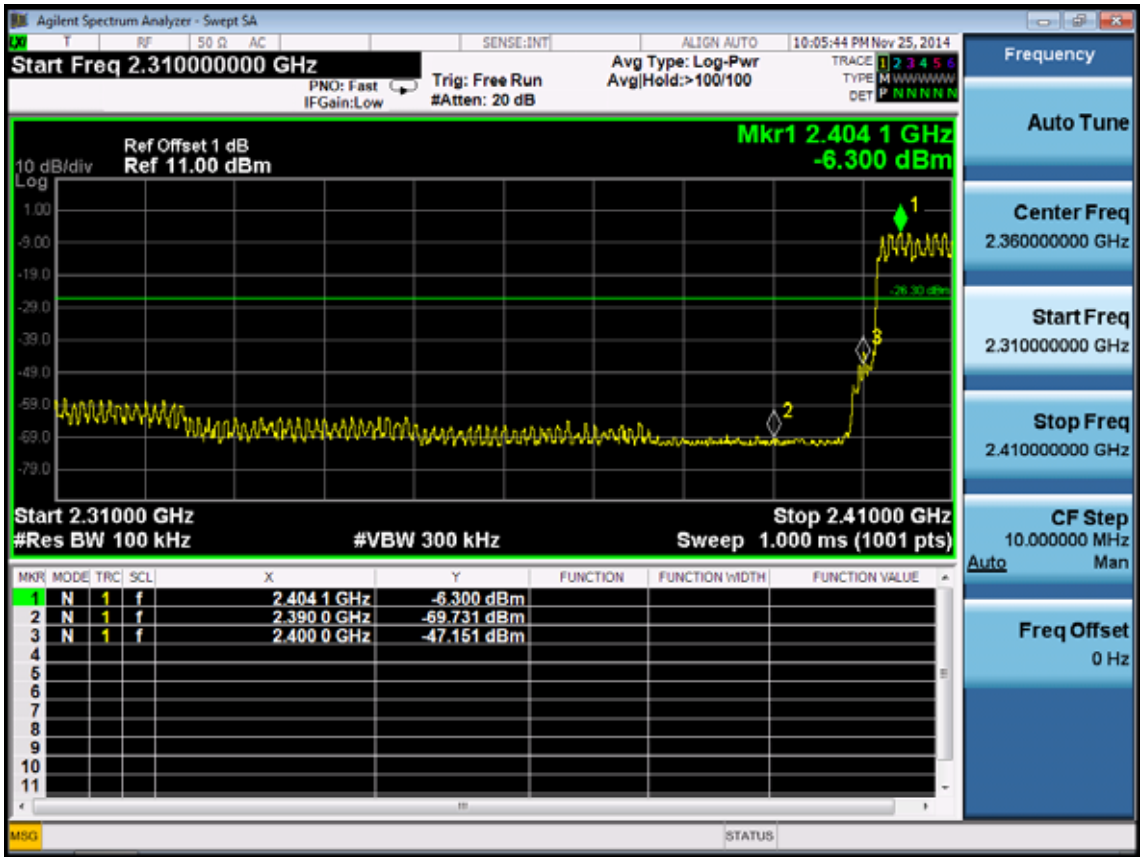
Hopping on

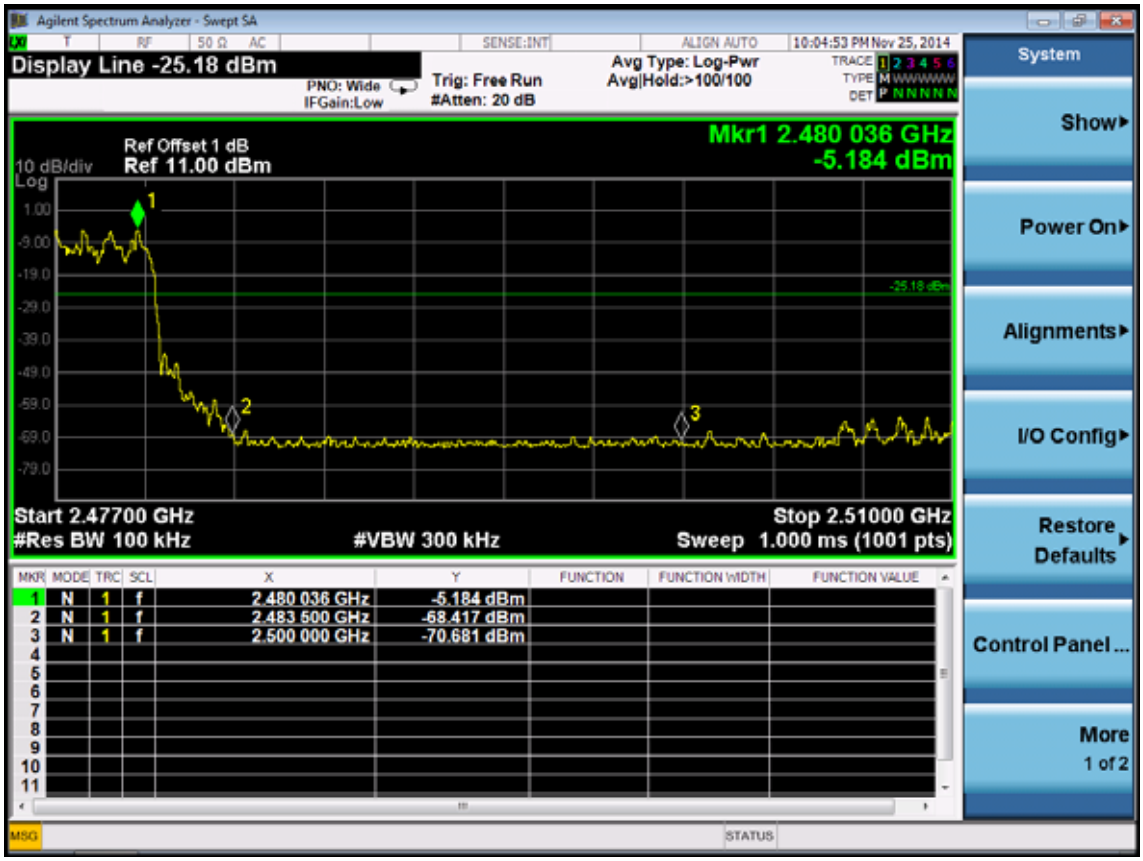
GFSK





8 DPSK


Agilent Spectrum Analyzer - Swept SA
Start Freq 2.310000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:05:44 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Mkr1 2.404 1 GHz
-6.300 dBm
Start 2.31000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.41000 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 2.404 1 GHz -6.300 dBm
2 N 1 f 2.390 0 GHz -69.731 dBm
3 N 1 f 2.400 0 GHz -47.151 dBm
Frequency
Auto Tune
Center Freq
2.360000000 GHz
Start Freq
2.310000000 GHz
Stop Freq
2.410000000 GHz
CF Step
10.000000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Display Line -25.18 dBm
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:04:53 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Mkr1 2.480 036 GHz
-5.184 dBm
Start 2.47700 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.51000 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 2.480 036 GHz -5.184 dBm
2 N 1 f 2.483 500 GHz -68.417 dBm
3 N 1 f 2.500 000 GHz -70.681 dBm
System
Show
Power On
Alignments
I/O Config
Restore Defaults
Control Panel ...
More
1 of 2

6. CARRIER FREQUENCY SEPARATION TEST

6.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.29, 14	1Year

6.2.Limit

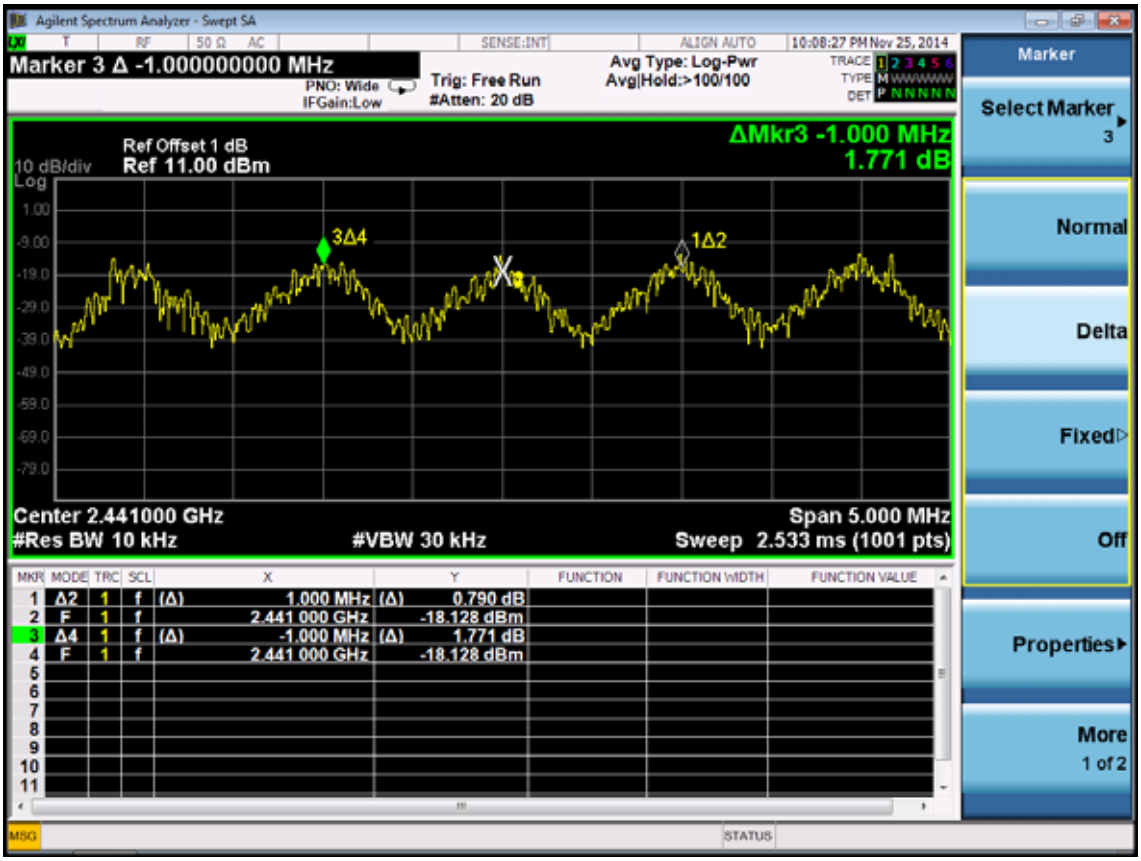
Frequency hopping systems shall have hopping channel carrier frequency separated by a minimum of 25kHz or the 20dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

6.3.Test Results.

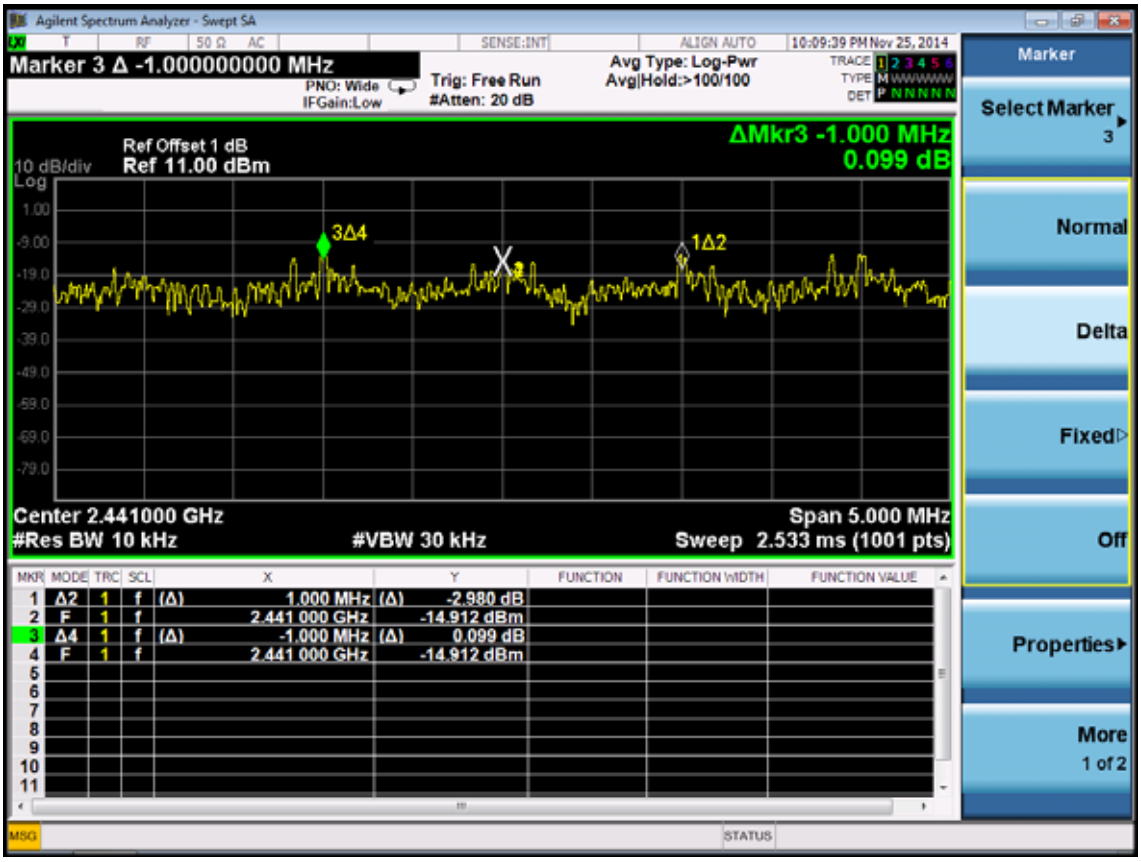
EUT: Personal Audio System		
M/N: ZS-RS60BT		
Test date: 2014-11-25	Pressure: 101.3±1.0 kpa	Humidity: 53.5±3.0%
Tested by: donjon_huang	Test site: RF Site	Temperature：22.4±0.6℃

Test Mode	Channel separation	Conclusion
8-DPSK	1.0MHz	PASS
GFSK	1.0MHz	PASS

GFSK


Agilent Spectrum Analyzer - Swept SA
Marker 3 Δ -1.000000000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:08:27 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
ΔMkr3 -1.000 MHz
1.771 dB
3Δ4
1Δ2
Center 2.441000 GHz
#Res BW 10 kHz
#VBW 30 kHz
Span 5.000 MHz
Sweep 2.533 ms (1001 pts)
1 Δ2 1 f (Δ) 1.000 MHz (Δ) 0.790 dB
2 F 1 f 2.441 000 GHz -18.128 dBm
3 Δ4 1 f (Δ) -1.000 MHz (Δ) 1.771 dB
4 F 1 f 2.441 000 GHz -18.128 dBm
Marker
Select Marker 3
Normal
Delta
Fixed
Off
Properties
More 1 of 2

8-DPSK


Agilent Spectrum Analyzer - Swept SA
Marker 3 Δ -1.000000000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:09:39 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
ΔMkr3 -1.000 MHz
0.099 dB
3Δ4
1Δ2
Center 2.441000 GHz
#Res BW 10 kHz
#VBW 30 kHz
Span 5.000 MHz
Sweep 2.533 ms (1001 pts)
1 Δ2 1 f (Δ) 1.000 MHz (Δ) -2.980 dB
2 F 1 f 2.441 000 GHz -14.912 dBm
3 Δ4 1 f (Δ) -1.000 MHz (Δ) 0.099 dB
4 F 1 f 2.441 000 GHz -14.912 dBm
Marker
Select Marker 3
Normal
Delta
Fixed
Off
Properties
More 1 of 2

7. 20 DB BANDWIDTH TEST

7.1.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

7.2.Limit

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

7.3.Test Results

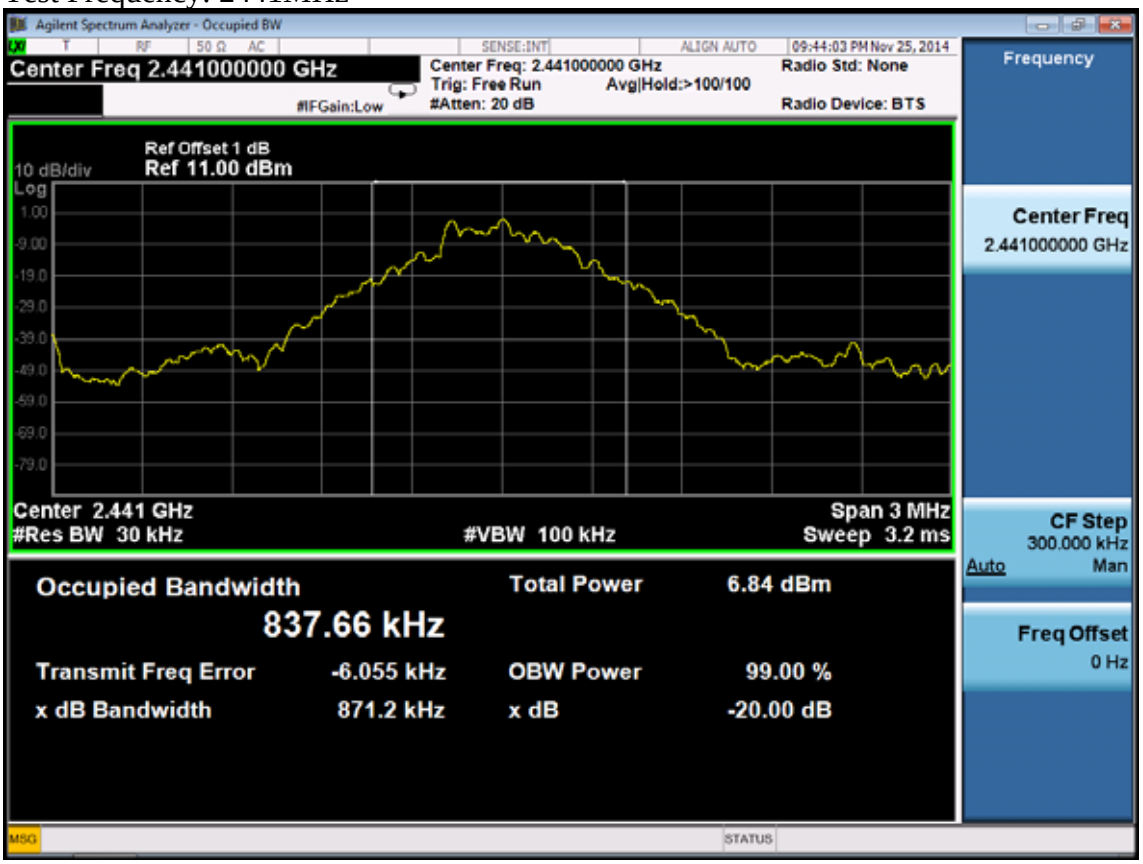
EUT: Personal Audio System		
M/N: ZS-RS60BT		
Test date: 2014-11-25	Pressure: 101.3±1.0 kpa	Humidity: 53.5±3.0%
Tested by: donjon_huang	Test site: RF Site	Temperature：22.4±0.6℃

Test Mode	CH （MHz）	-20dB bandwidth （KHz）	Limit (KHz)
GFSK	2402	874.8	N/A
	2441	871.2	N/A
	2480	834.8	N/A
8-DPSK	2402	1206	N/A
	2441	1209	N/A
	2480	1206	N/A
Conclusion：PASS			

GFSK

Test Frequency: 2402MHz

Test Frequency: 2441MHz

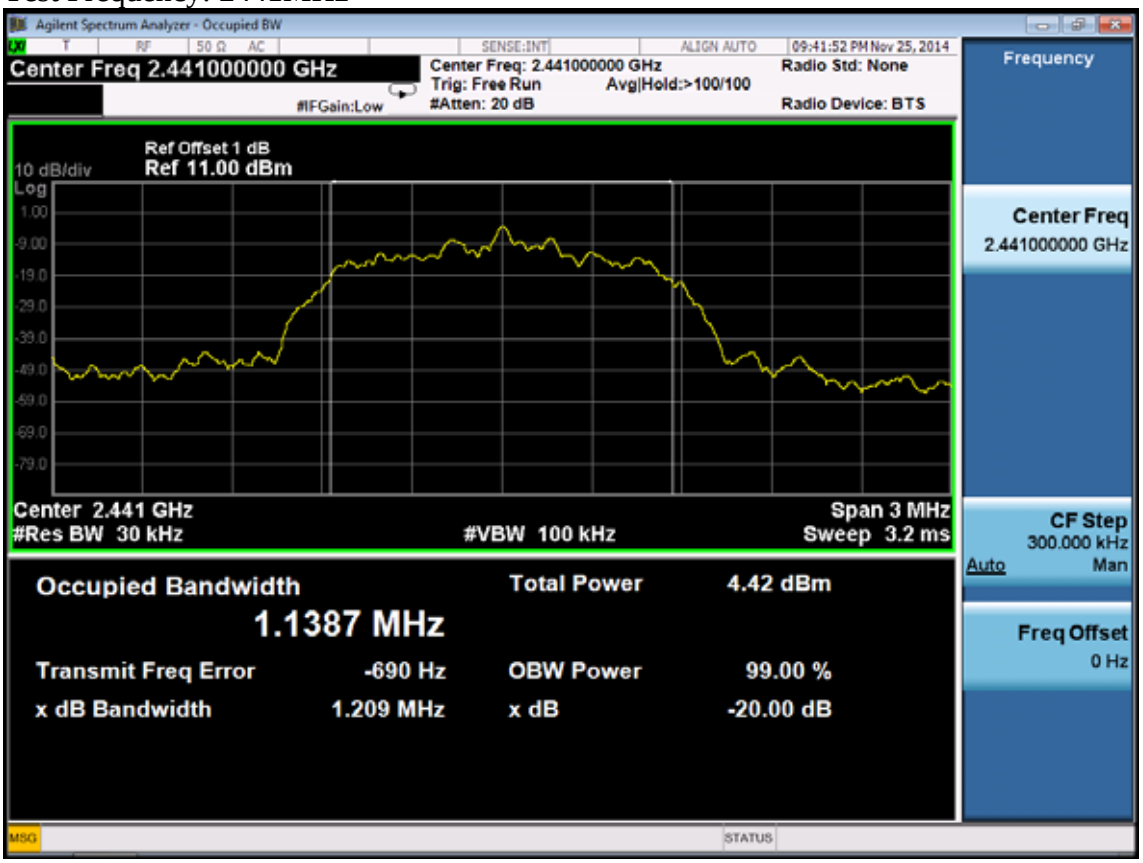


Test Frequency: 2480MHz

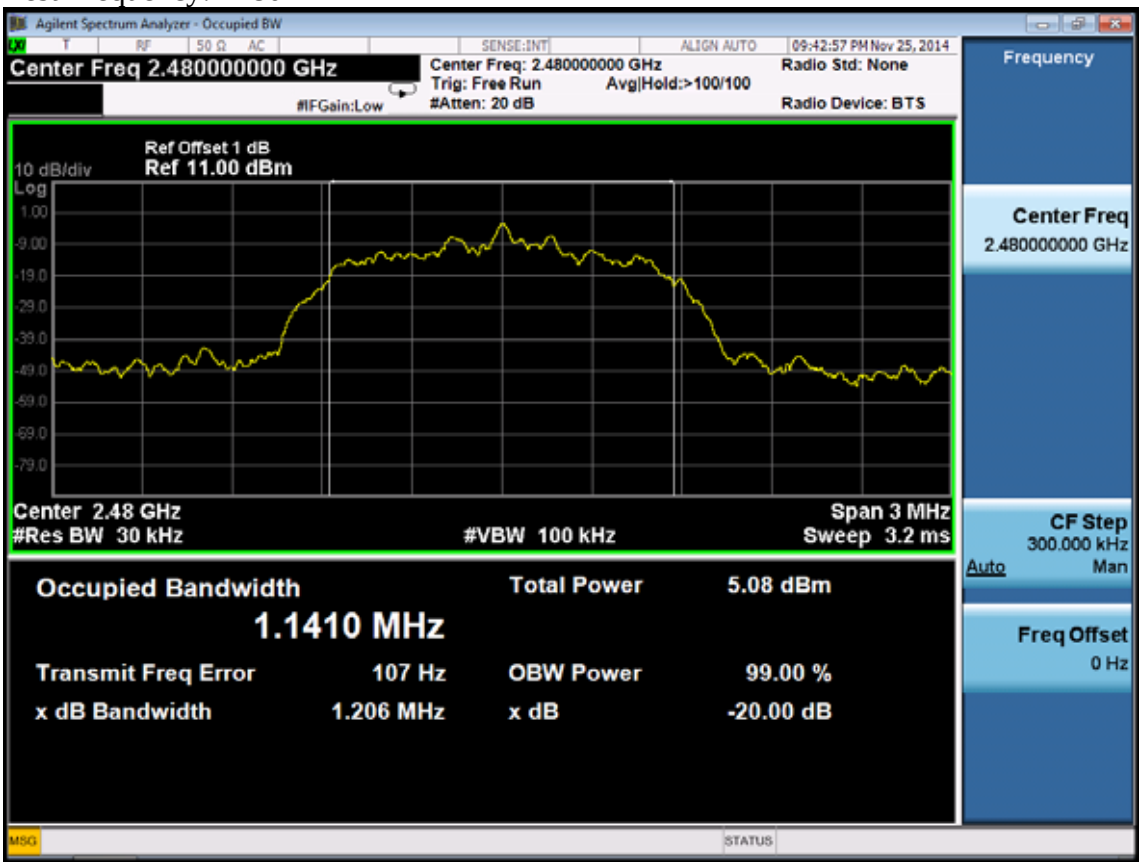
8-DPSK

Test Frequency: 2402MHz

Test Frequency: 2441MHz



Test Frequency: 2480MHz



8. NUMBER OF HOPPING FREQUENCY TEST

8.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.29, 14	1Year

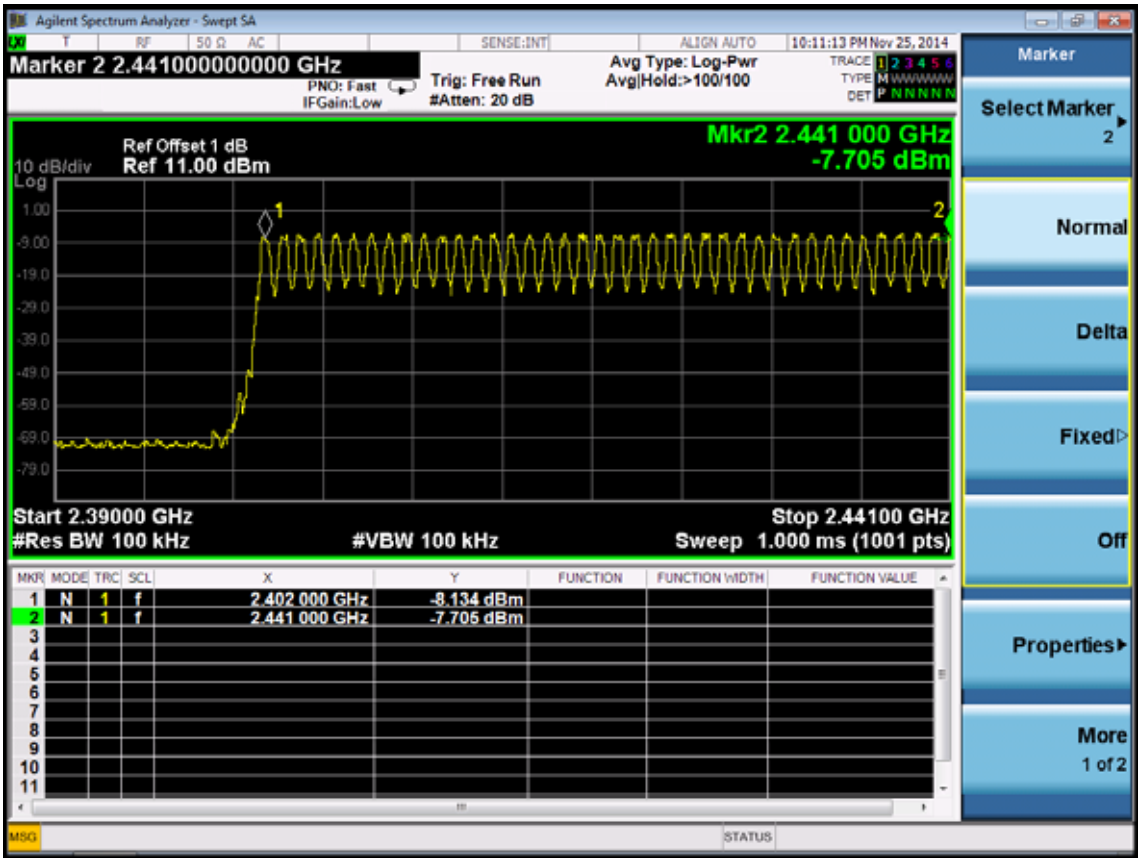
8.2.Limit

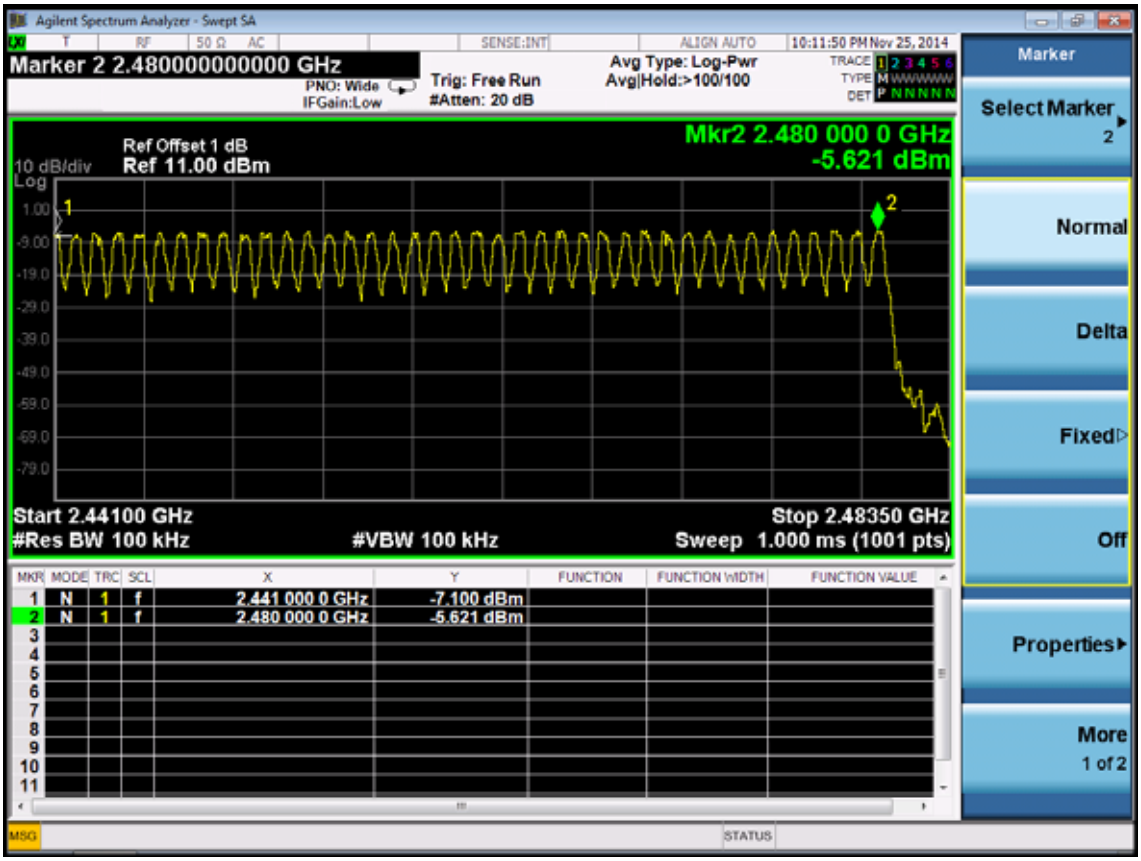
Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels

8.3.Test Results

EUT: Personal Audio System		
M/N: ZS-RS60BT		
Test date: 2014-11-25	Pressure: 101.3±1.0 kpa	Humidity: 53.5±3.0%
Tested by: donjon_huang	Test site: RF Site	Temperature：22.4±0.6℃

Test Mode	Number of channel	Limit	Conclusion
8-DPSK	79	>=15	PASS
GFSK	79	>=15	PASS


Agilent Spectrum Analyzer - Swept SA
Marker 2 2.441000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:11:13 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Mkr2 2.441 000 GHz
-7.705 dBm
Start 2.39000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.44100 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 2.402 000 GHz -8.134 dBm
2 N 1 f 2.441 000 GHz -7.705 dBm
Marker
Select Marker 2
Normal
Delta
Fixed
Off
Properties
More 1 of 2


Agilent Spectrum Analyzer - Swept SA
Marker 2 2.480000000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:11:50 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Mkr2 2.480 000 0 GHz
-5.621 dBm
Start 2.44100 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.48350 GHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 2.441 000 0 GHz -7.100 dBm
2 N 1 f 2.480 000 0 GHz -5.621 dBm
Marker
Select Marker 2
Normal
Delta
Fixed
Off
Properties
More 1 of 2

9. DWELL TIME

9.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.29, 14	1Year

9.2.Limit

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

9.3.Test Results

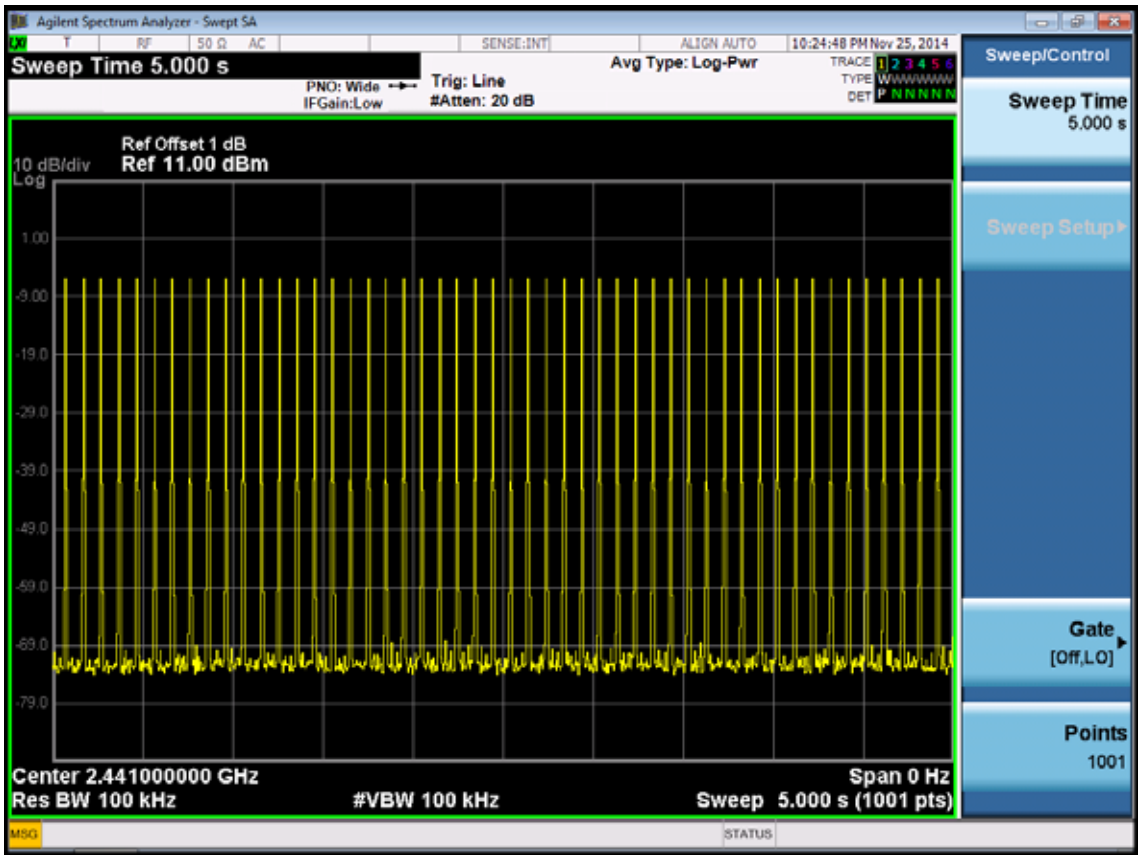
EUT: Personal Audio System		
M/N: ZS-RS60BT		
Test date: 2014-11-25	Pressure: 101.3±1.0 kpa	Humidity: 53.5±3.0%
Tested by: donjon_huang	Test site: RF Site	Temperature：22.4±0.6℃

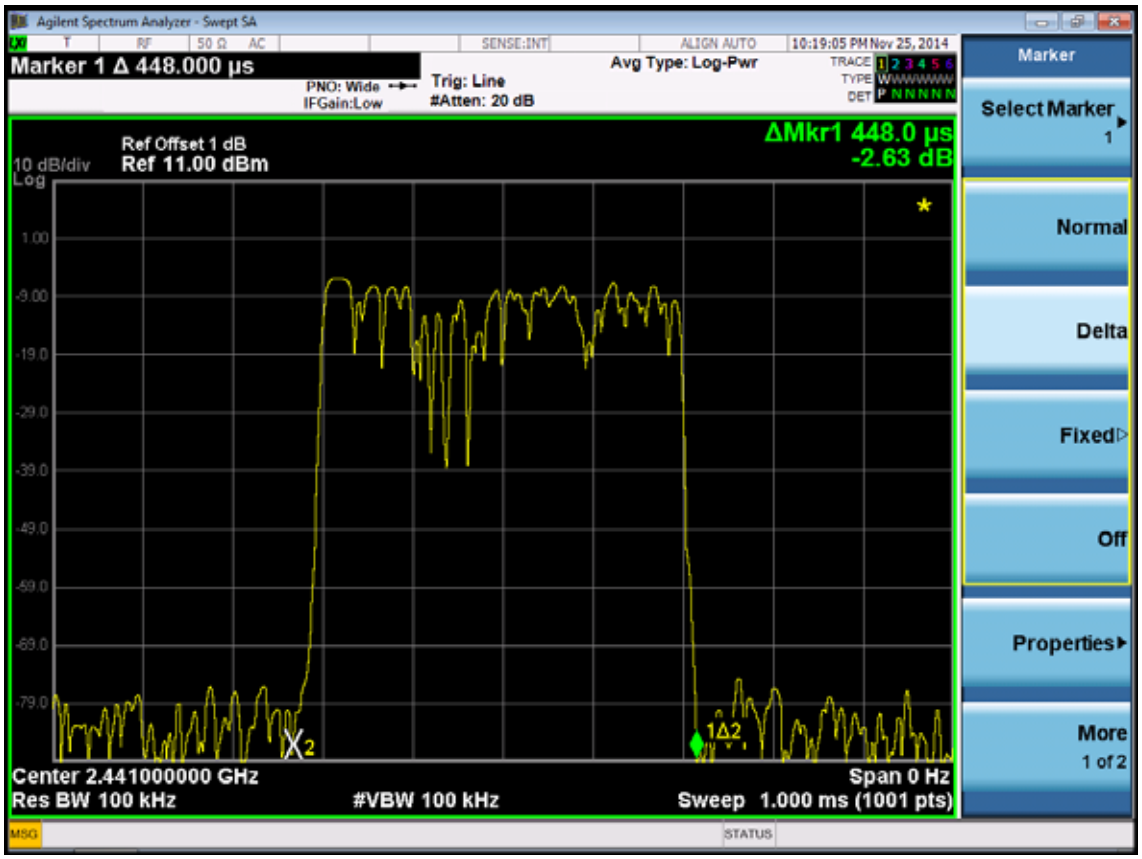
Mode		dwell time	Limit	Conclusion
GFSK	DH1	50hops/5s*0.4*79chanels*0.448ms =141.568ms	<400ms	PASS
	DH3	25hops/5s*0.4*79chanels*1.722ms =272.076ms	<400ms	PASS
	DH5	17hops/5s*0.4*79chanels*2.975ms =319.634ms	<400ms	PASS
8-DPSK	DH1	51hops/5s*0.4*79chanels*0.452ms =145.689ms	<400ms	PASS
	DH3	25hops/5s*0.4*79chanels*1.728ms =273.024ms	<400ms	PASS
	DH5	16hops/5s*0.4*79chanels*3.010ms =304.371ms	<400ms	PASS

Note: All the lower levels were signal from receiver's, and should not considered in here.

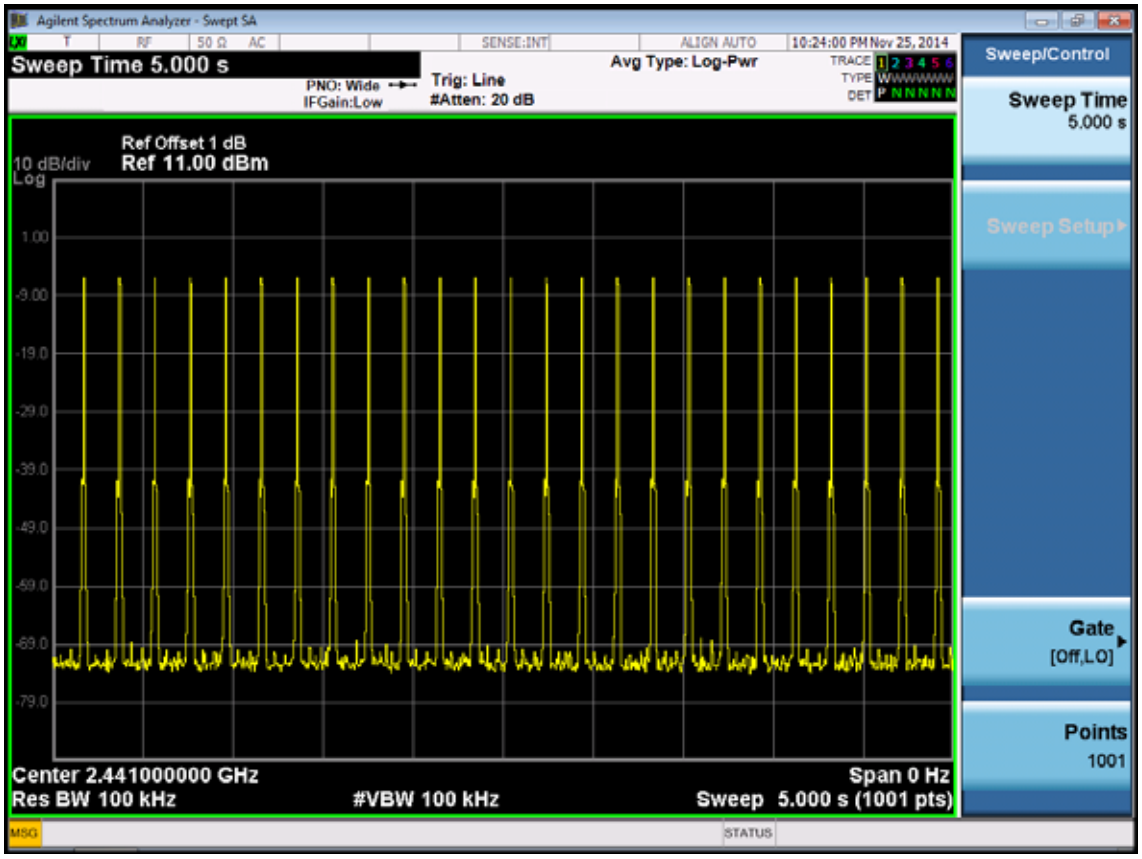
Test Mode: GFSK

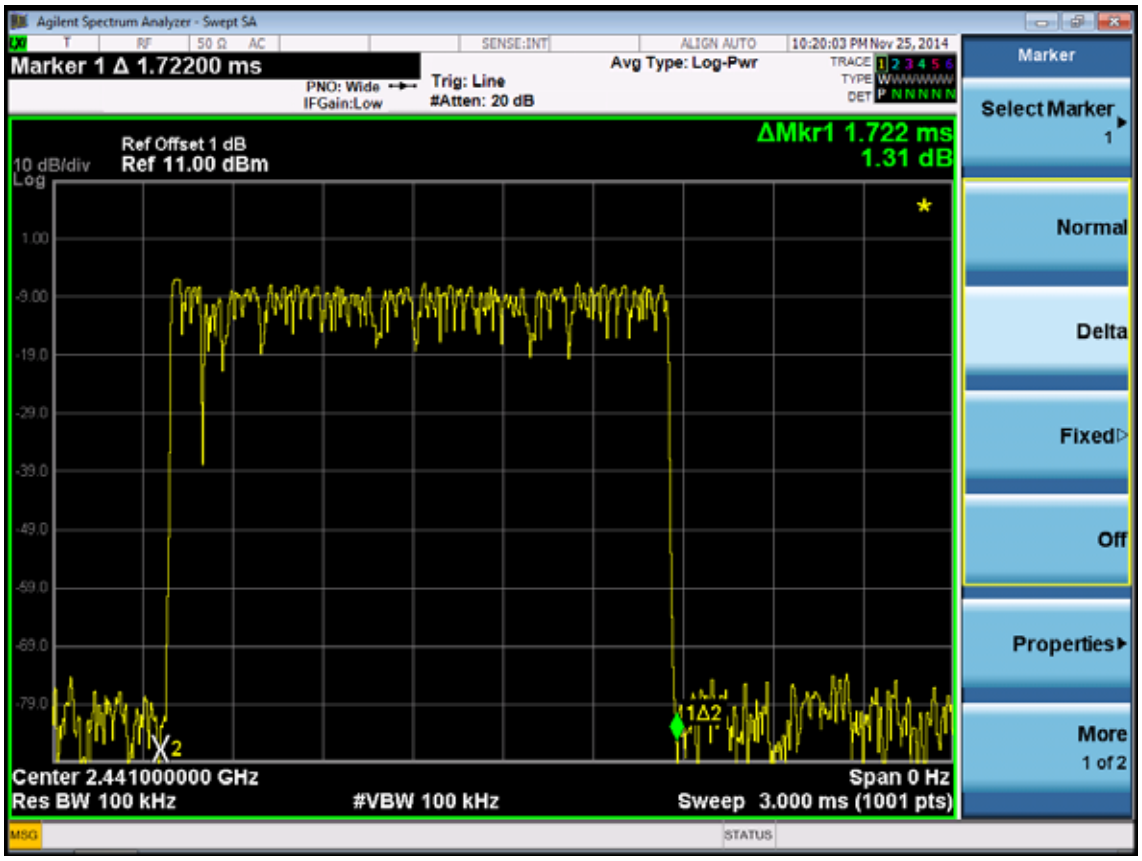
DH 1



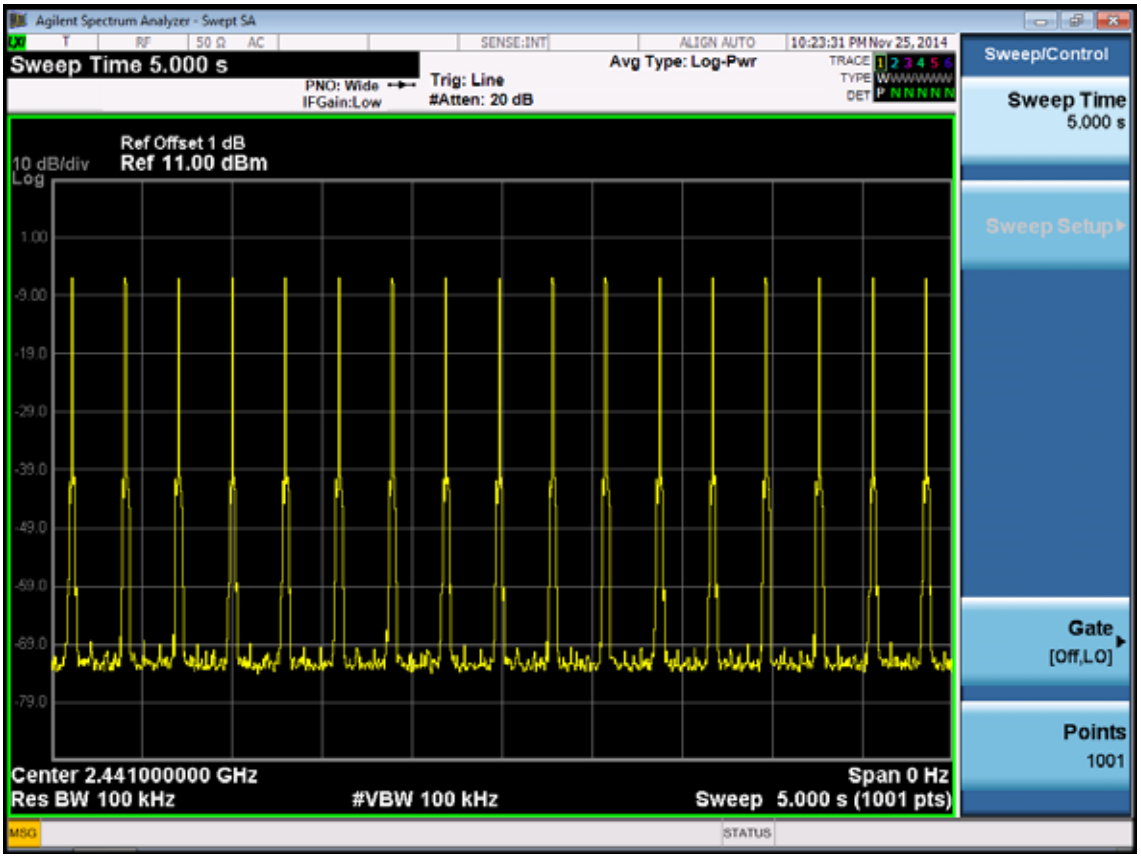


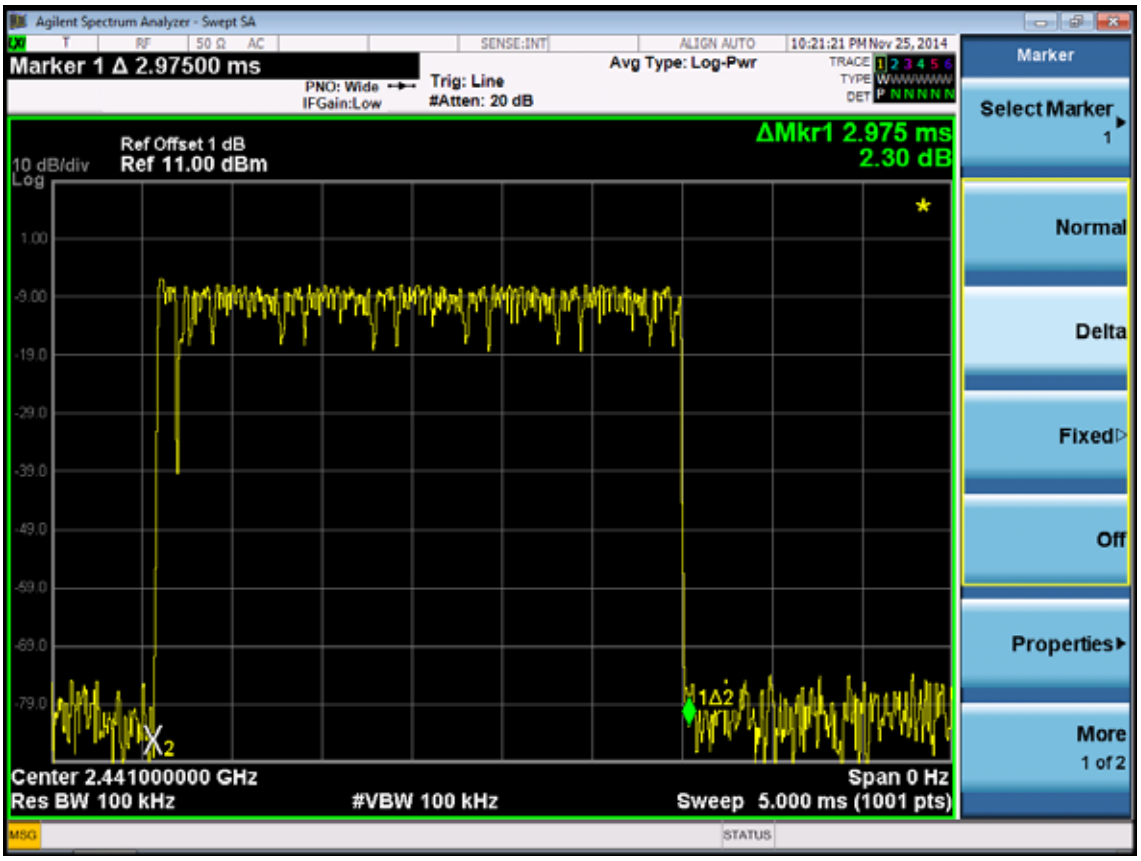
DH 3


Agilent Spectrum Analyzer - Swept SA
Sweep Time 5.000 s
Avg Type: Log-Pwr
Trig: Line
#Atten: 20 dB
PNO: Wide
IFGain:Low
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 5.000 s (1001 pts)
Sweep/Control
Sweep Time
5.000 s
Sweep Setup
Gate
[Off,LO]
Points
1001

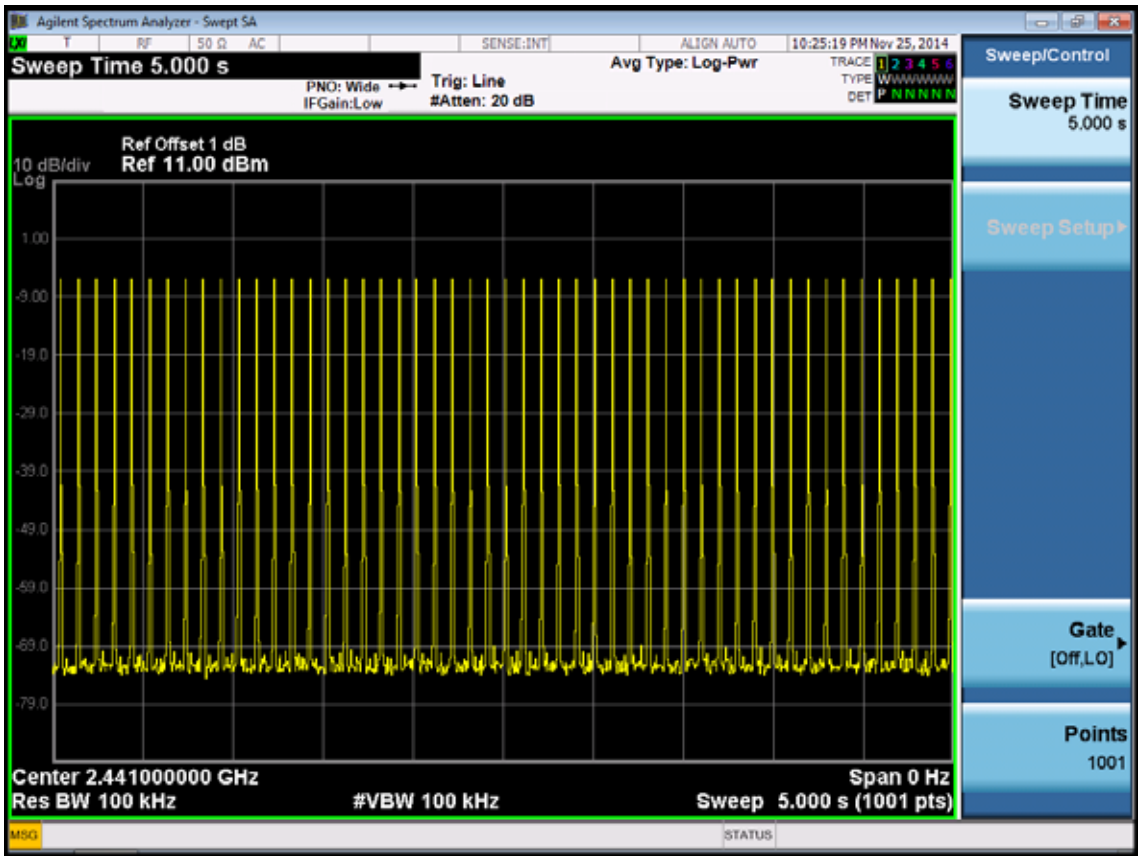

Agilent Spectrum Analyzer - Swept SA
Marker 1 Δ 1.72200 ms
Avg Type: Log-Pwr
Trig: Line
#Atten: 20 dB
PNO: Wide
IFGain:Low
ΔMkr1 1.722 ms
1.31 dB
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 3.000 ms (1001 pts)
Marker
Select Marker
1
Normal
Delta
Fixed
Off
Properties
More
1 of 2

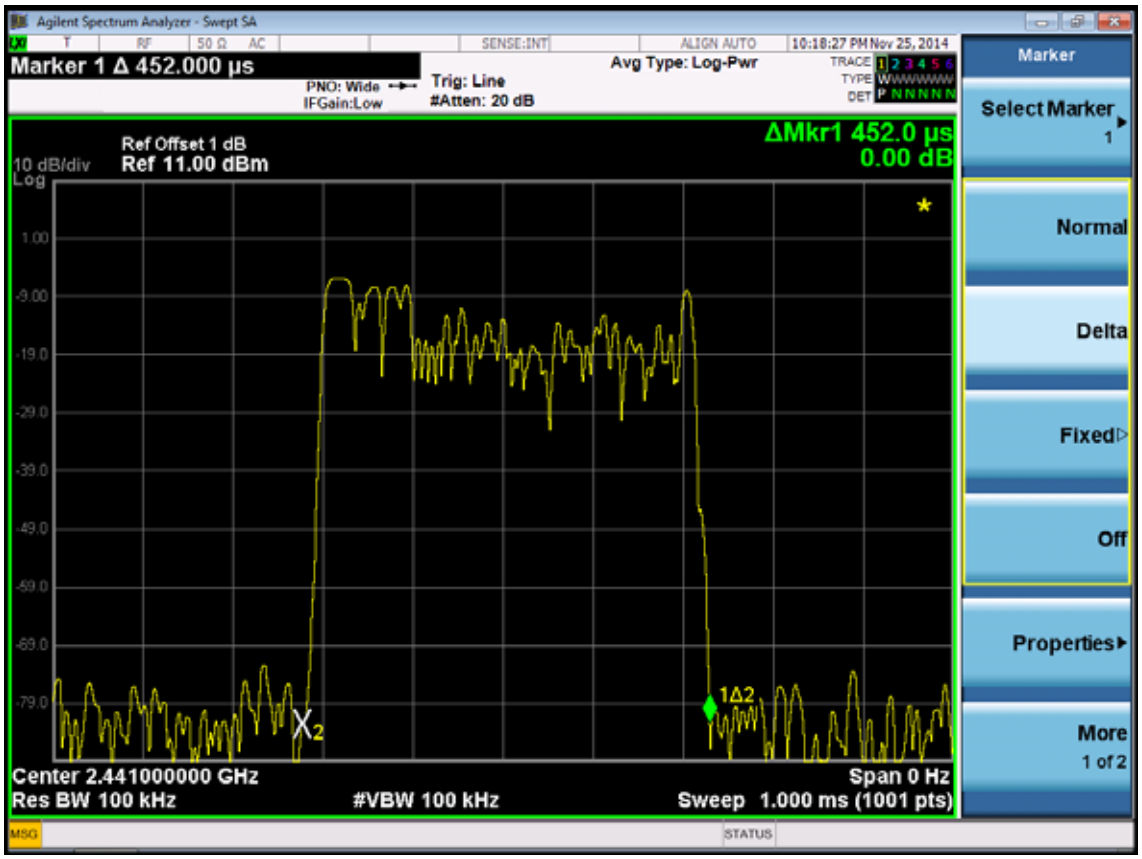
DH 5


Agilent Spectrum Analyzer - Swept SA
Sweep Time 5.000 s
Avg Type: Log-Pwr
Trig: Line
#Atten: 20 dB
PNO: Wide
IFGain:Low
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 5.000 s (1001 pts)
Sweep/Control
Sweep Time
5.000 s
Sweep Setup
Gate
[Off,LO]
Points
1001

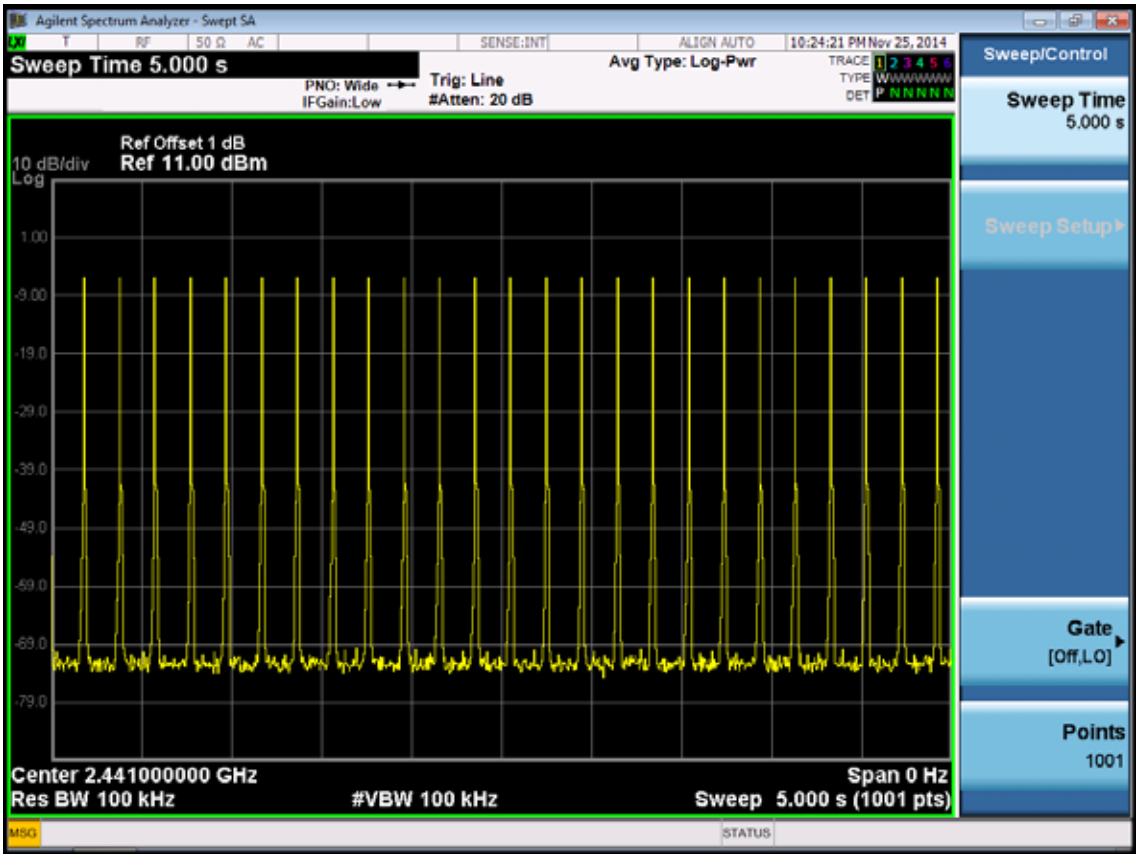

Agilent Spectrum Analyzer - Swept SA
Marker 1 Δ 2.97500 ms
Avg Type: Log-Pwr
Trig: Line
#Atten: 20 dB
PNO: Wide
IFGain:Low
ΔMkr1 2.975 ms
2.30 dB
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 5.000 ms (1001 pts)
Marker
Select Marker
1
Normal
Delta
Fixed
Off
Properties
More
1 of 2

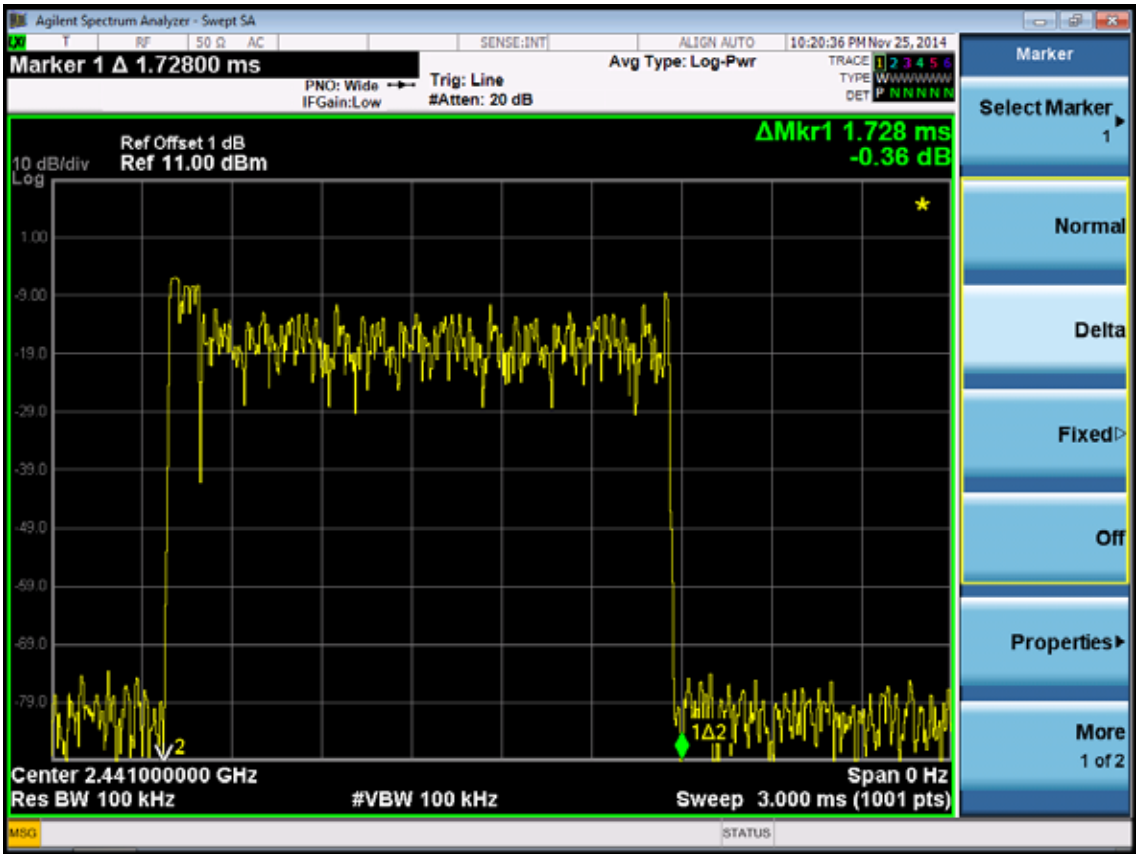
Test Mode: 8-DPSK
3DH 1



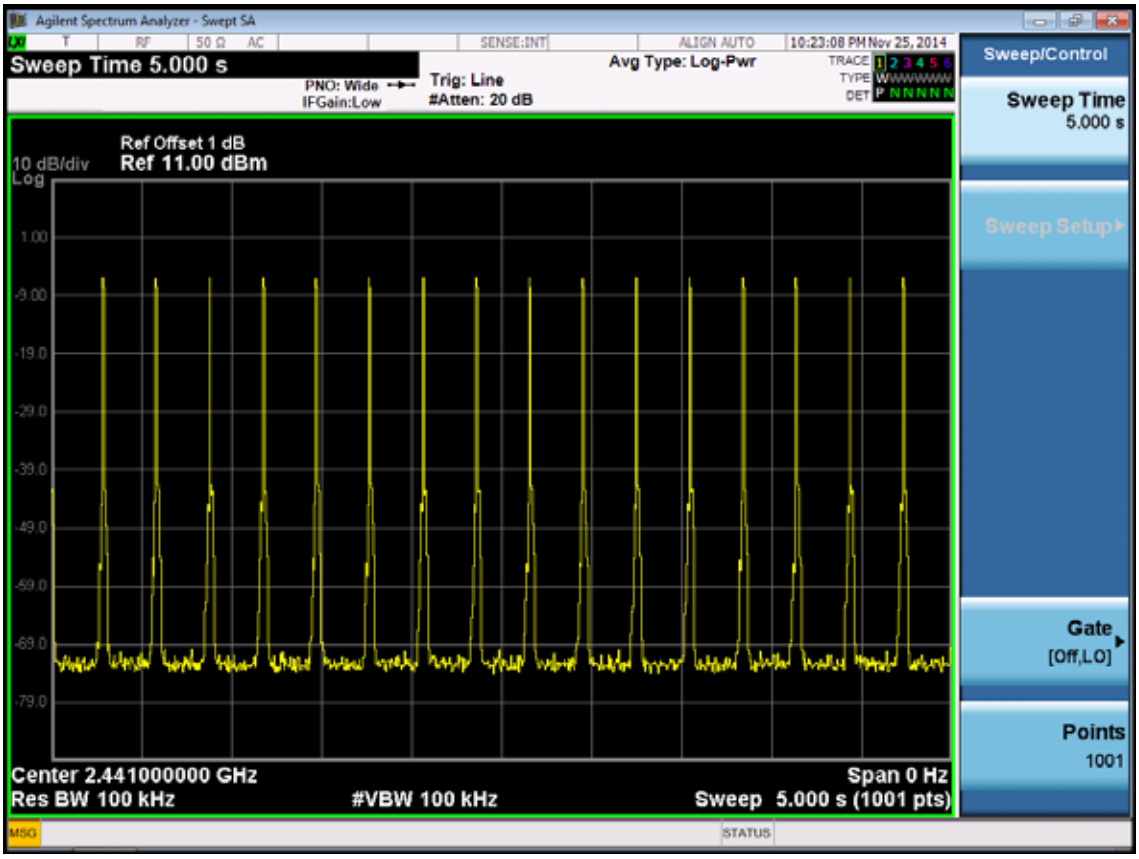


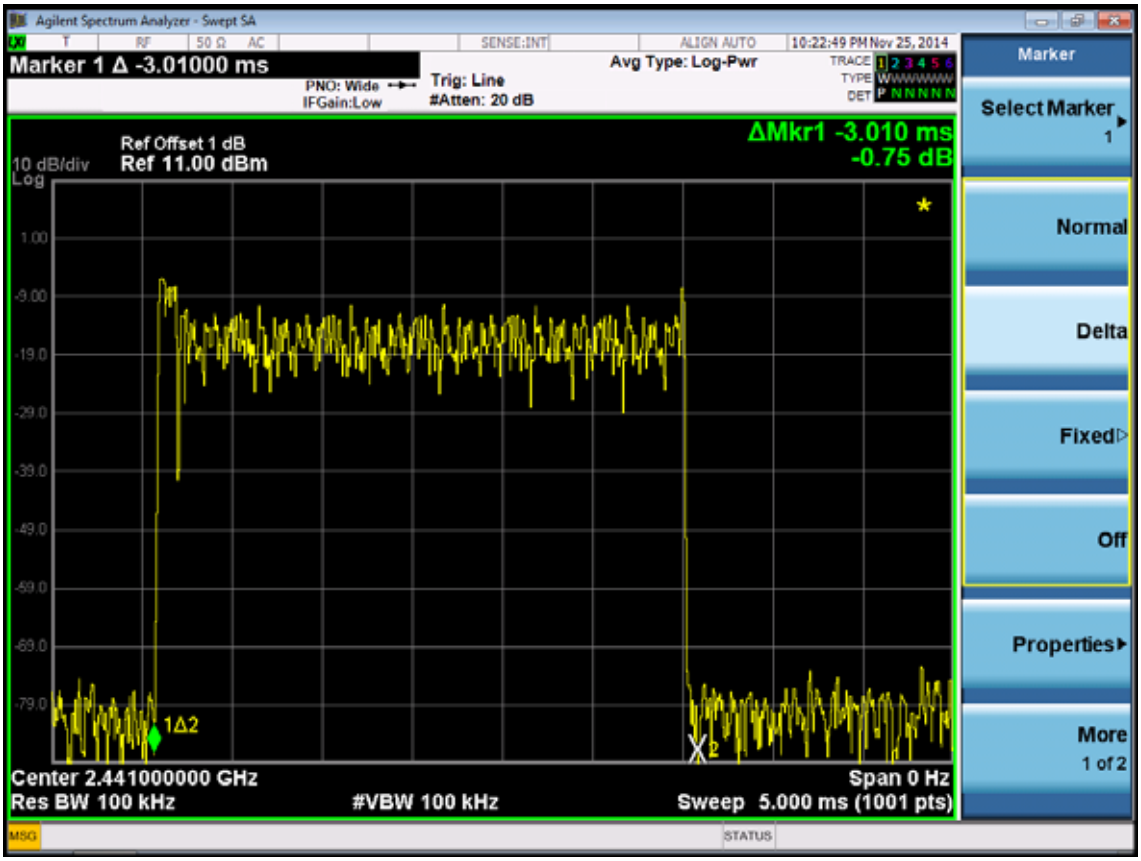
3DH 3


Agilent Spectrum Analyzer - Swept SA
Sweep Time 5.000 s
PNO: Wide
IFGain:Low
Trig: Line
#Atten: 20 dB
Avg Type: Log-Pwr
10:24:21 PM Nov 25, 2014
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 5.000 s (1001 pts)
Sweep/Control
Sweep Time
5.000 s
Sweep Setup
Gate
[Off,LO]
Points
1001


Agilent Spectrum Analyzer - Swept SA
Marker 1 Δ 1.72800 ms
PNO: Wide
IFGain:Low
Trig: Line
#Atten: 20 dB
Avg Type: Log-Pwr
10:20:36 PM Nov 25, 2014
ΔMkr1 1.728 ms
-0.36 dB
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 3.000 ms (1001 pts)
Marker
Select Marker
1
Normal
Delta
Fixed
Off
Properties
More
1 of 2

3DH 5


Agilent Spectrum Analyzer - Swept SA
Sweep Time 5.000 s
Avg Type: Log-Pwr
Trig: Line
#Atten: 20 dB
PNO: Wide
IFGain:Low
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 5.000 s (1001 pts)
Sweep/Control
Sweep Time
5.000 s
Sweep Setup
Gate
[Off,LO]
Points
1001


Agilent Spectrum Analyzer - Swept SA
Marker 1 Δ -3.01000 ms
Avg Type: Log-Pwr
Trig: Line
#Atten: 20 dB
PNO: Wide
IFGain:Low
ΔMkr1 -3.010 ms
-0.75 dB
Ref Offset 1 dB
10 dB/div
Ref 11.00 dBm
Log
1Δ2
Center 2.441000000 GHz
Res BW 100 kHz
#VBW 100 kHz
Span 0 Hz
Sweep 5.000 ms (1001 pts)
Marker
Select Marker
1
Normal
Delta
Fixed
Off
Properties
More
1 of 2

10. MAXIMUM PEAK OUTPUT POWER TEST

10.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.29, 14	1Year
2.	Power meter	Anritsu	ML2487A	6K00002472	Apr. 28,14	1Year
3.	Power sensor	Anritsu	MA2491A	0033005	Apr. 28,14	1Year
4.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr. 28,14	1Year
5.	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	Apr. 28,14	1Year

10.2. Limit

For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

10.3. Test Procedure

Connected the EUT's antenna port to Power Sensor, and use power meter to test peak output power Directly.

10.4. Test Results

EUT: Personal Audio System		
M/N: ZS-RS60BT		
Test date: 2014-11-25	Pressure: 101.3±1.0 kpa	Humidity: 53.7±1.0%
Tested by: donjon_huang	Test site: RF site	Temperature:22.7±1.0 ℃

Test Mode	CH (MHz)	Peak output Power （dBm）	Limit (dBm)
GFSK	2402	-0.217	30
	2441	2.274	30
	2480	2.551	30
8-DPSK	2402	2.406	30
	2441	4.625	30
	2480	4.216	30

Conclusion: PASS

11.BAND EDGE COMPLIANCE TEST

11.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Amp	HP	8449B	3008A02495	Apr. 28,14	1 Year
2.	Horn Antenna	ETS	3115	9510-4580	Jun. 06, 14	1 Year
3.	HF Cable	Hubersuhner	Sucoflex104	274094/4	Apr. 28,14	1 Year
4.	RF Cable	Hubersuhner	Sucoflex102	28610/2	Apr. 28,14	1 Year

11.2.Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

11.3.Test Produce

For upper band emissions that are up to two bandwidths(2MHz) away (2483.5MHz to 2485.5MHz）from the band-edge use below produce:

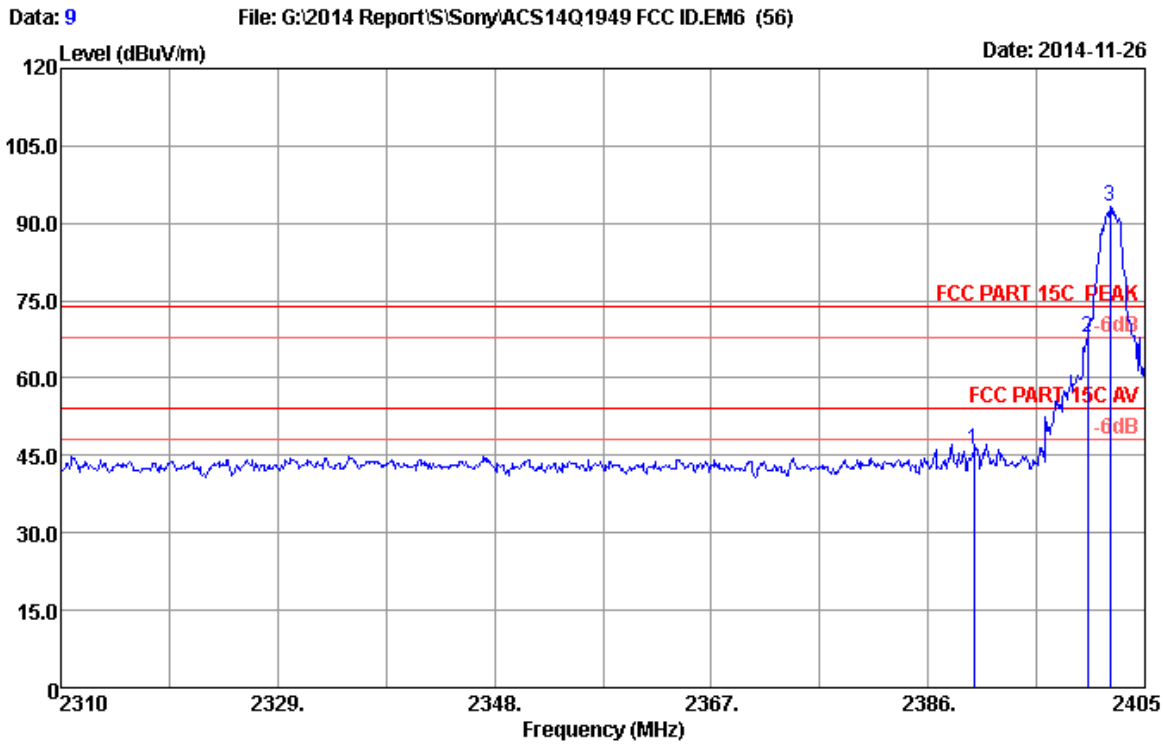
1. Choose a spectrum analyzer span that encompasses both the peak of the fundamental emission and the band-edge emission under investigation. Set the analyzer RBW to 100KHz and with a video bandwidth 300KHz. Record the peak levels of the fundamental emission and the relevant band-edge emission, Observe the stored trace and measure the amplitude delta between the peak of the fundamental and the peak of the band-edge emission. This is not a field strength measurement, it is only a relative measurement to determine the amount by which the emission drops at the band edge relative to the highest fundamental emission level.
2. Subtract the delta measured in step (1) from the maximum field strengths measured in clause 4 .The resultant field strengths are then used to determine band-edge compliance as required by Section 15.205

For emissions above two bandwidths away from the band-edge use below produce:

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upperband-edges of the emission:
   (a) PEAK: RBW=1MHz ;VBW=3MHz, PK detector, Sweep=AUTO
   (b) This is pulse Modulation device a duty cycle factor was used to calculate average level based measured peak level.

11.4.Test Results

Pass (The testing data was attached in the next pages.)
Note: If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.

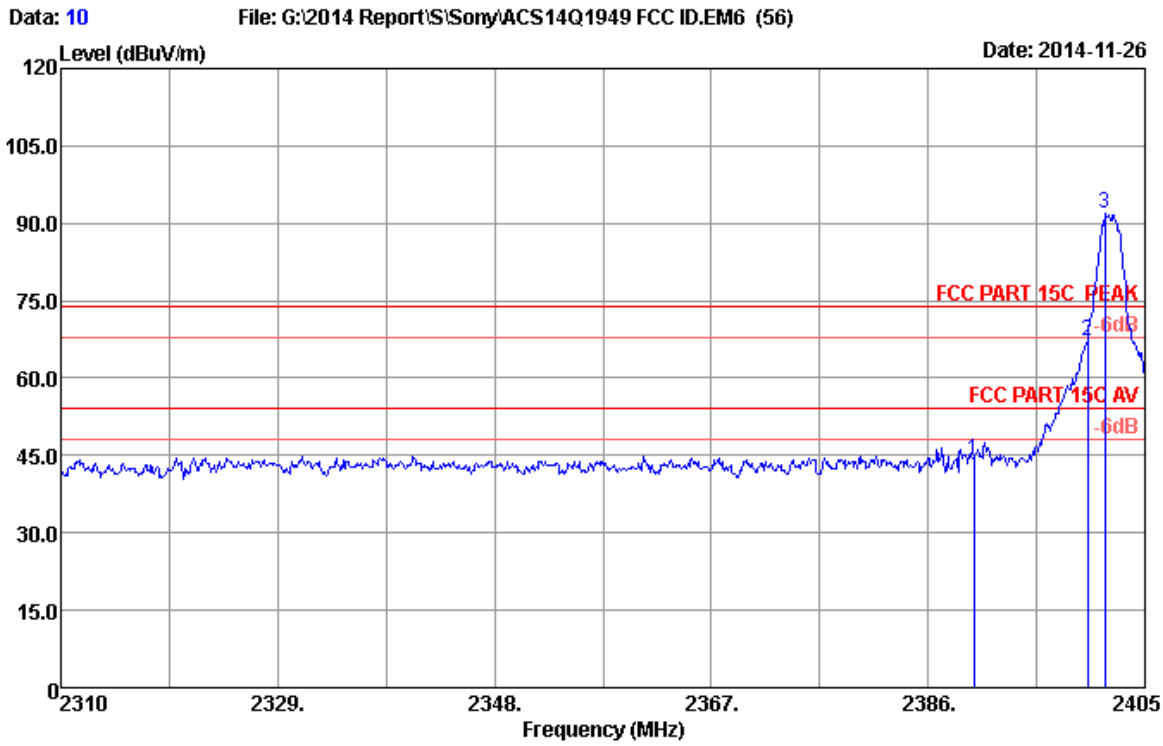


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (GFSK 2402MHz)
ZS-RS60BT

Data No :9
LISN phase:HORIZONTAL
Engineer :Kobe_Huang

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	2390.000	28.16	5.78	35.70	48.02	46.26	74.00	27.74	Peak
2	2400.000	28.18	5.80	35.70	69.47	67.75	74.00	6.25	Peak
3	2401.960	28.18	5.80	35.70	94.81	93.09	74.00	-19.09	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

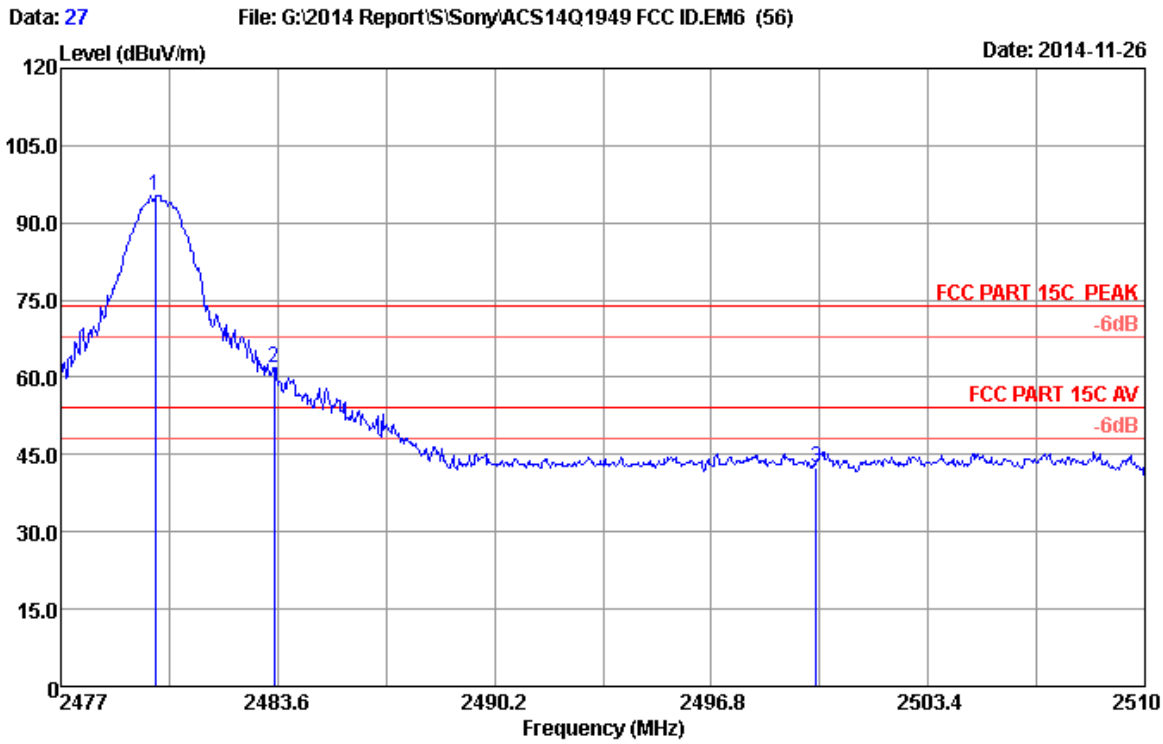


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (GFSK 2402MHz)
ZS-RS60BT

Data No :10
LISN phase:VERTICAL
Engineer :Kobe_Huang

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	2390.000	28.16	5.78	35.70	45.74	43.98	74.00	30.02	Peak
2	2400.000	28.18	5.80	35.70	69.03	67.31	74.00	6.69	Peak
3	2401.485	28.18	5.80	35.70	93.54	91.82	74.00	-17.82	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



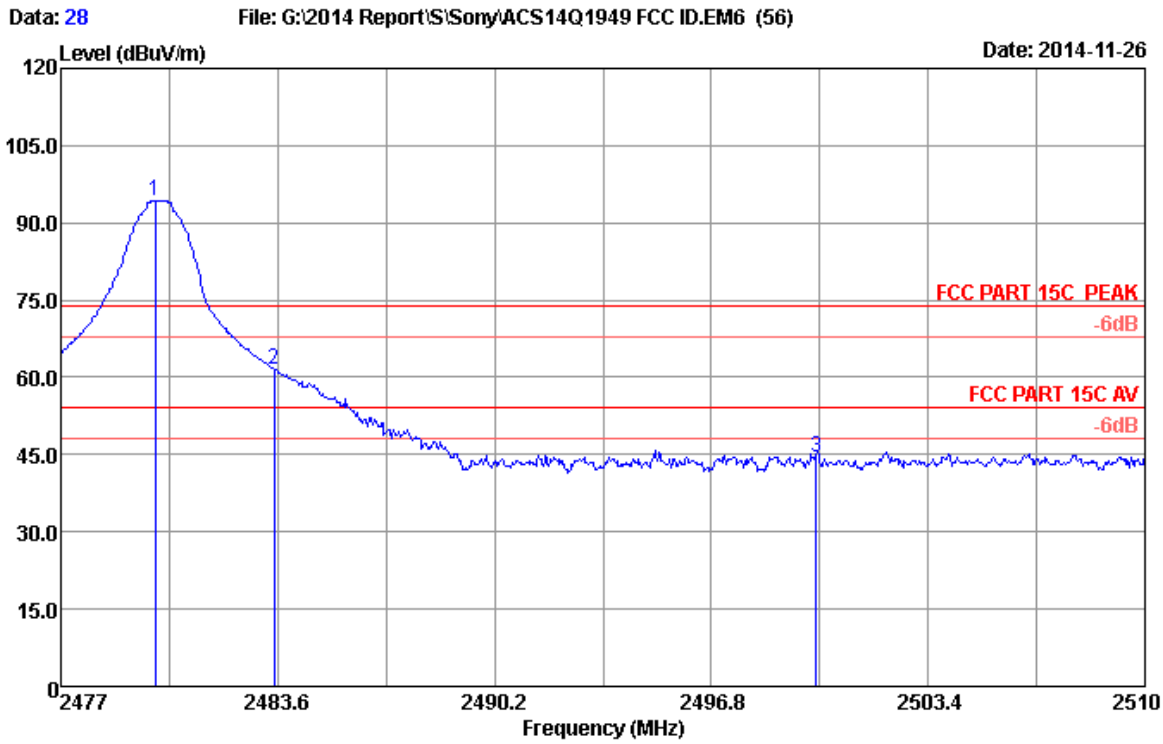
Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (GFSK 2480MHz)
ZS-RS60BT

Data No :27
LISN phase:HORIZONTAL
Engineer :Kobe_Huang

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	2479.871	28.36	5.91	35.70	96.85	95.42	74.00	-21.42	Peak
2	2483.500	28.36	5.92	35.70	63.37	61.95	74.00	12.05	Peak
3	2500.000	28.40	5.94	35.70	43.83	42.47	74.00	31.53	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
2483.500	61.95	-30.429	31.521	54	Pass



Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (GFSK 2480MHz)
ZS-RS60BT

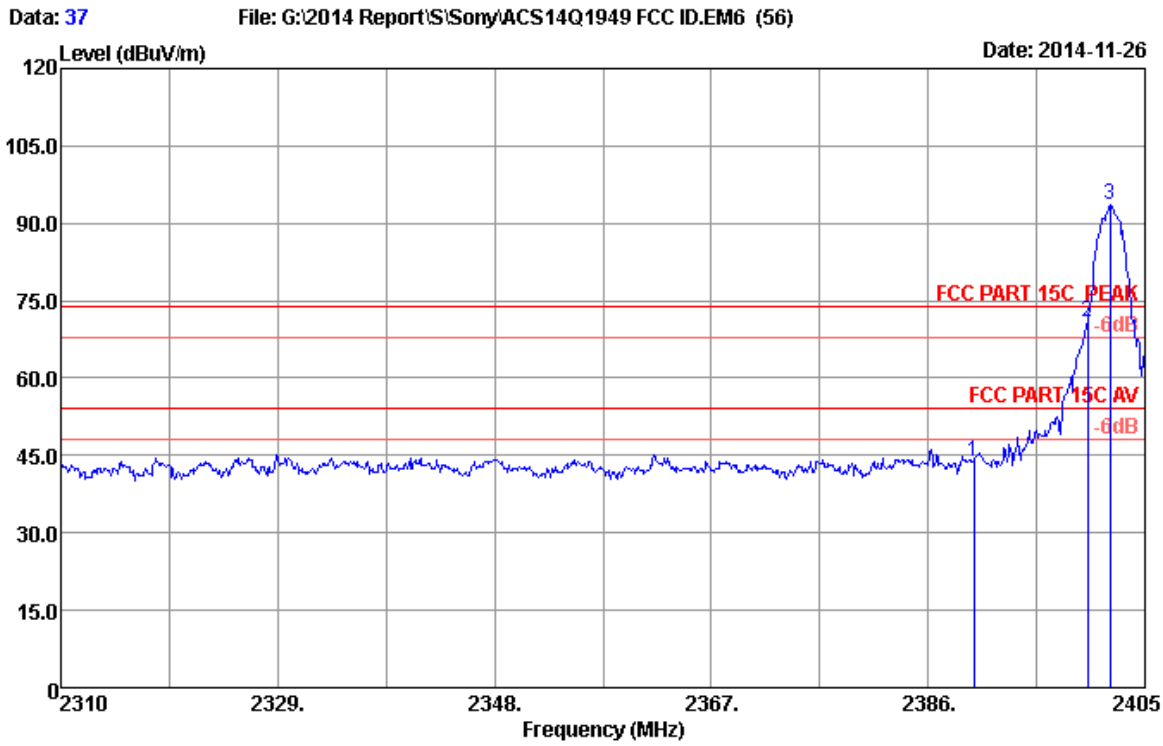
Data No :28
LISN phase:VERTICAL

Engineer :Kobe_Huang

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	2479.871	28.36	5.91	35.70	95.76	94.33	74.00	-20.33	Peak
2	2483.500	28.36	5.92	35.70	62.92	61.50	74.00	12.50	Peak
3	2500.000	28.40	5.94	35.70	45.72	44.36	74.00	29.64	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
2483.500	61.50	-30.429	31.071	54	Pass

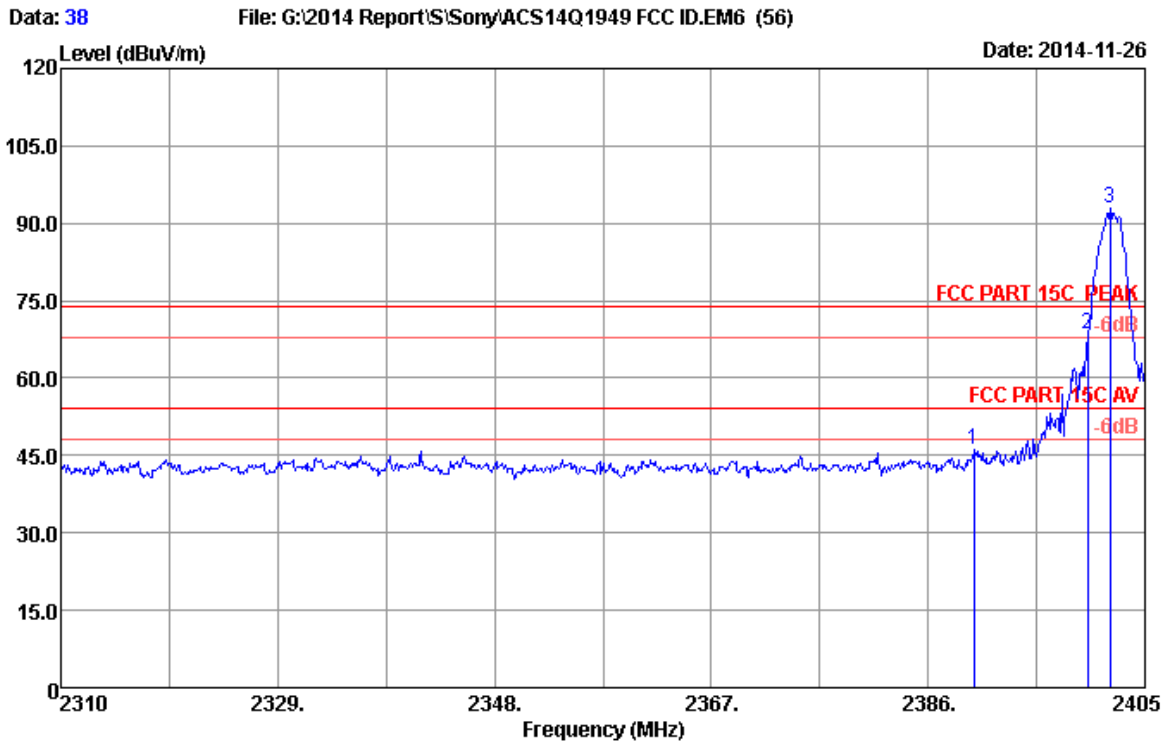


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2402MHz)
ZS-RS60BT

Data No :37
LISN phase:VERTICAL
Engineer :Kobe_Huang

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	2390.000	28.16	5.78	35.70	45.43	43.67	74.00	30.33	Peak
2	2400.000	28.18	5.80	35.70	72.69	70.97	74.00	3.03	Peak
3	2401.960	28.18	5.80	35.70	95.22	93.50	74.00	-19.50	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

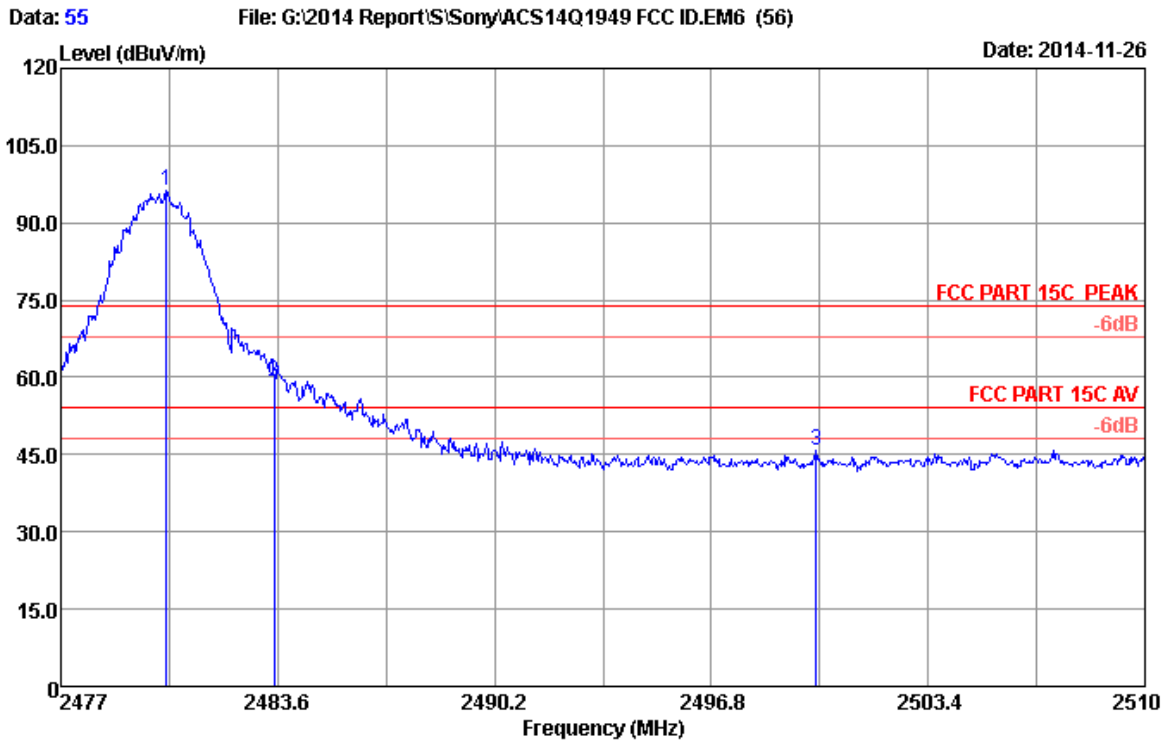


Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2402MHz)
ZS-RS60BT

Data No :38
LISN phase:HORIZONTAL
Engineer :Kobe_Huang

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	2390.000	28.16	5.78	35.70	47.76	46.00	74.00	28.00	Peak
2	2400.000	28.18	5.80	35.70	70.20	68.48	74.00	5.52	Peak
3	2401.960	28.18	5.80	35.70	94.54	92.82	74.00	-18.82	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



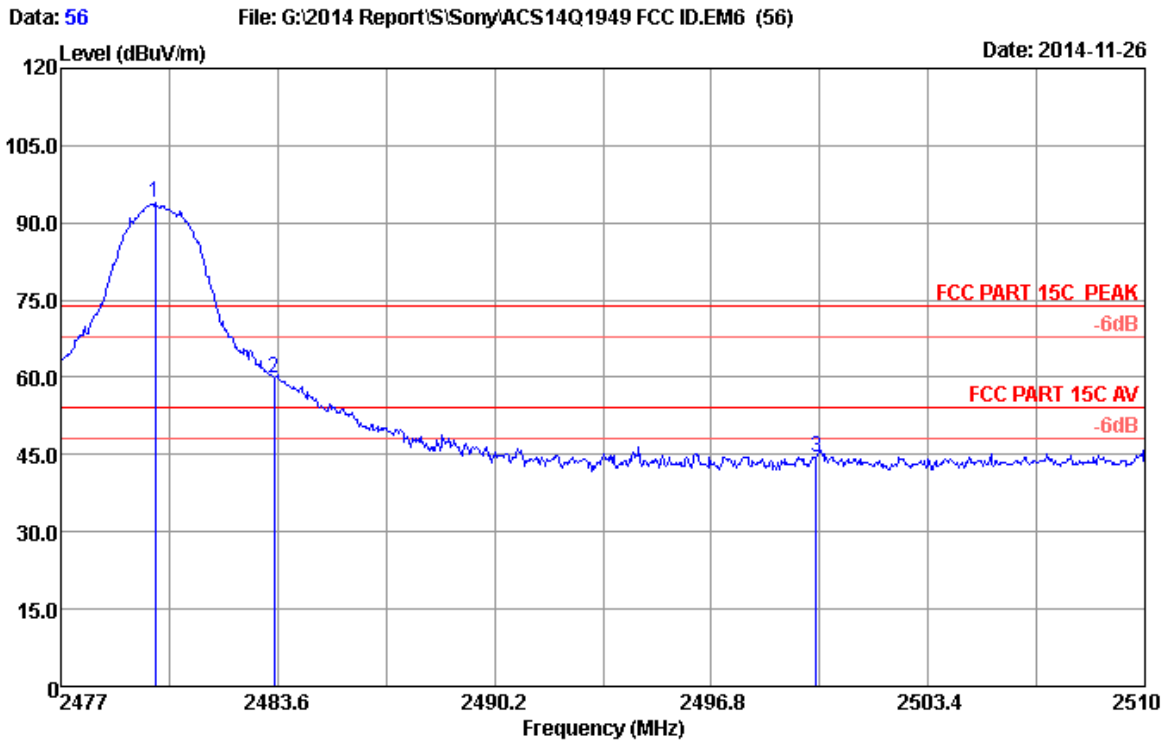
Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2480MHz)
ZS-RS60BT

Data No :55
LISN phase:HORIZONTAL
Engineer :Kobe_Huang

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	2480.201	28.36	5.91	35.70	97.66	96.23	74.00	-22.23	Peak
2	2483.501	28.36	5.92	35.70	60.45	59.03	74.00	14.97	Peak
3	2500.000	28.40	5.94	35.70	47.24	45.88	74.00	28.12	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
2483.501	59.03	-30.429	28.601	54	Pass



Site no :3m Chamber
Dis./Lisn :3m 2014 3115 (4580)
Limit :FCC PART 15C PEAK
Env./Ins. :23*C/54%
EUT :Personal Audio System
Power Rating :AC 120V/60Hz
Test Mode :Tx Mode (8-DPSK 2480MHz)
ZS-RS60BT

Data No :56
LISN phase:VERTICAL
Engineer :Kobe_Huang

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	2479.871	28.36	5.91	35.70	95.28	93.85	74.00	-19.85	Peak
2	2483.500	28.36	5.92	35.70	61.40	59.98	74.00	14.02	Peak
3	2500.000	28.40	5.94	35.70	45.96	44.60	74.00	29.40	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
2483.500	59.98	-30.429	29.551	54	Pass

12. DEVIATION TO TEST SPECIFICATIONS

[NONE]