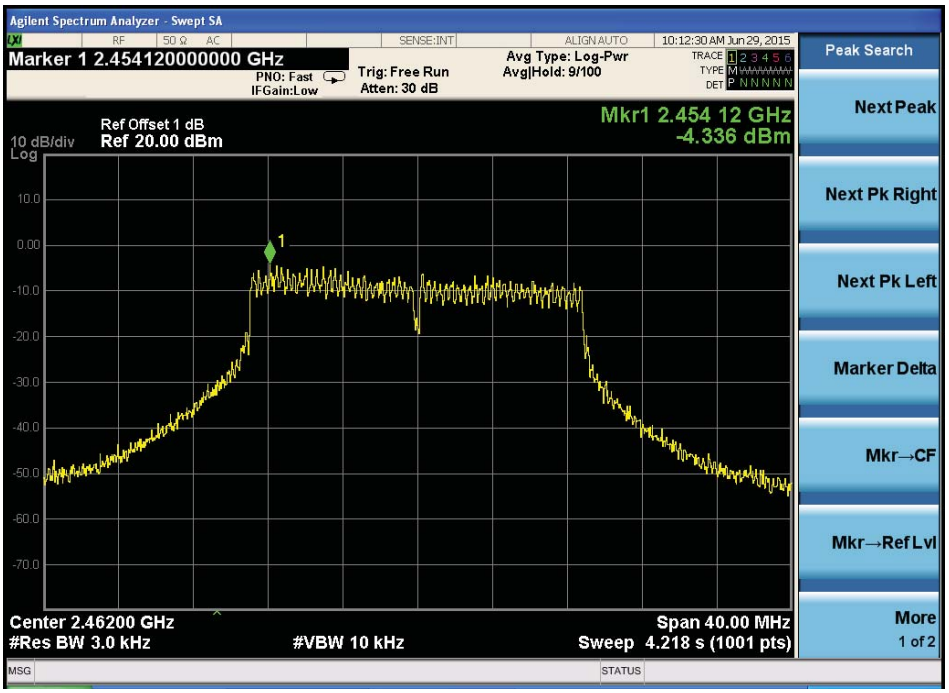
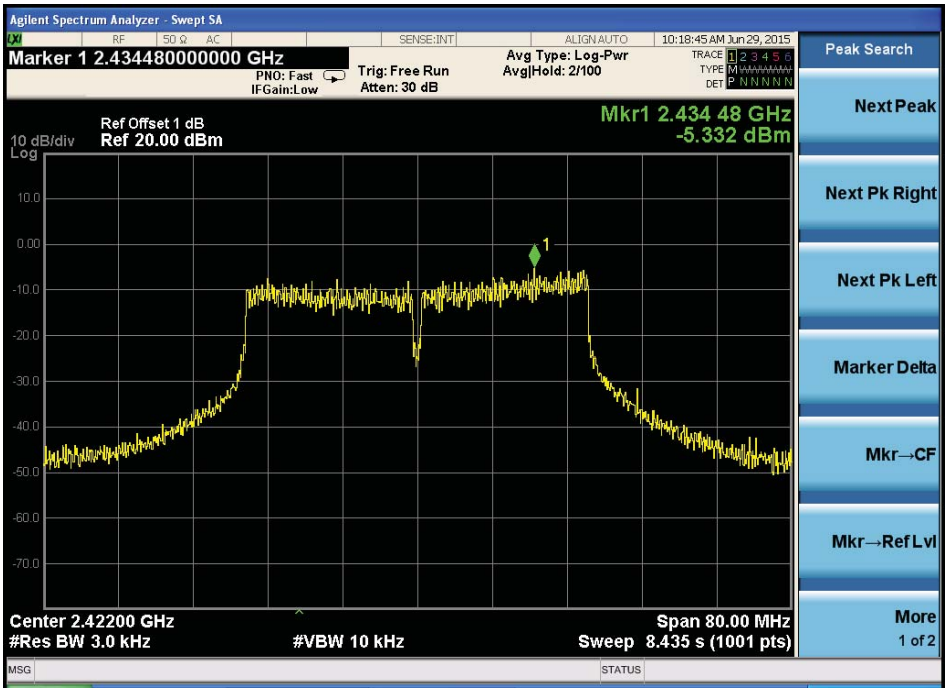
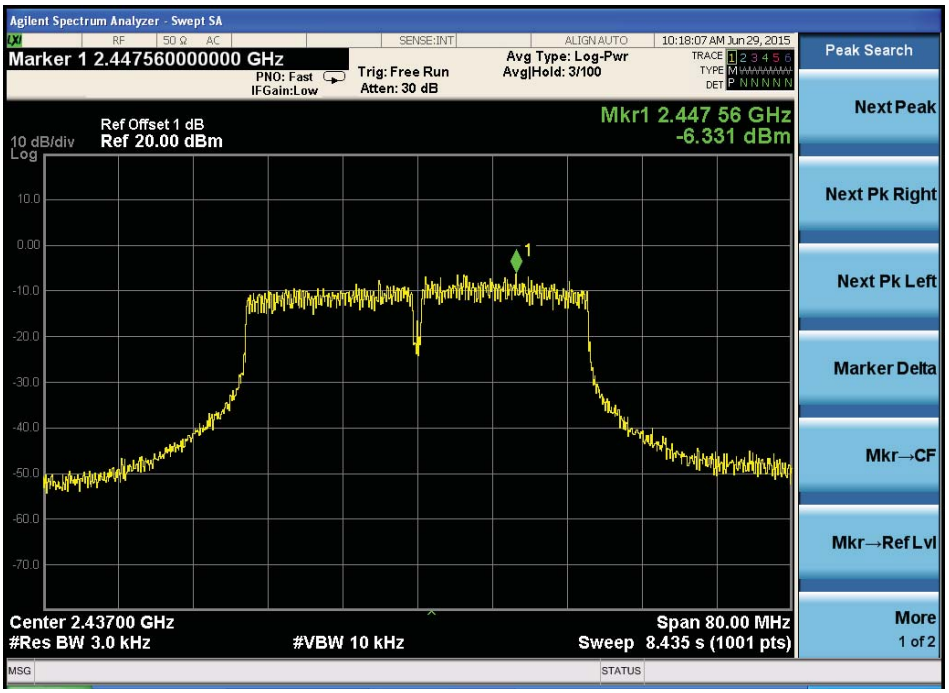
CH Hig:



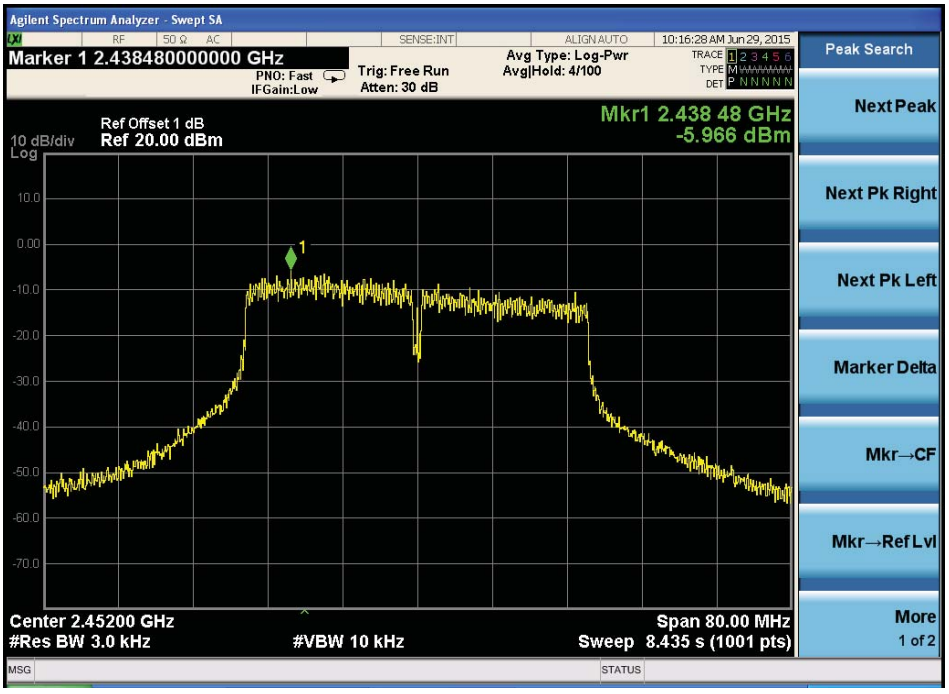
IEEE 802.11n HT40 :
CH Low :



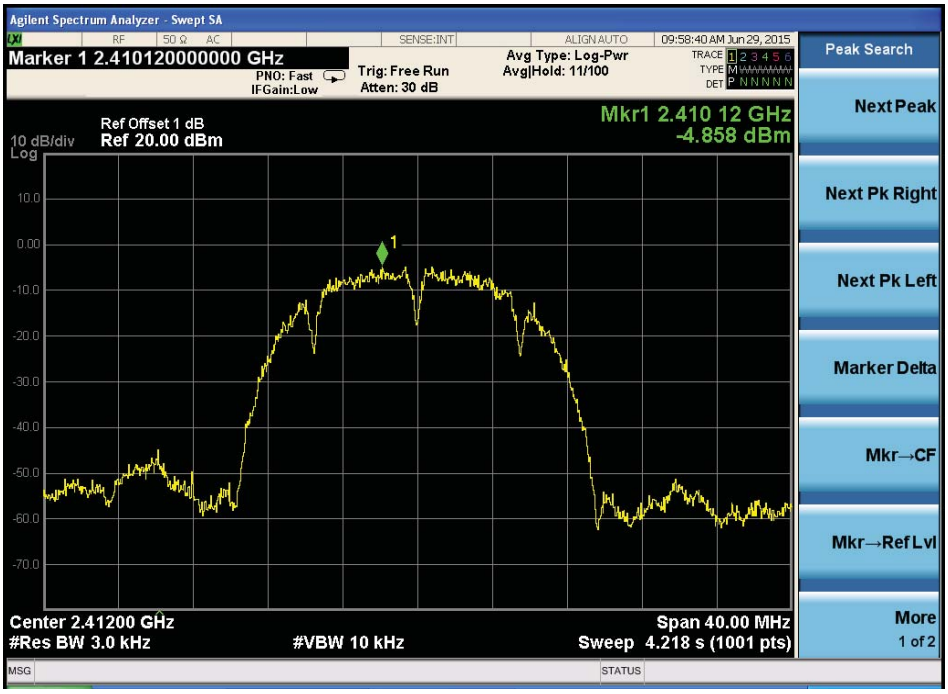
CH Mid:


Agilent Spectrum Analyzer - Swept SA
Marker 1 2.447560000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 3/100
10:18:07 AM Jun 29, 2015
Ref Offset 1 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.447 56 GHz
-6.331 dBm
Center 2.43700 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
Span 80.00 MHz
Sweep 8.435 s (1001 pts)
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

CH Hig:

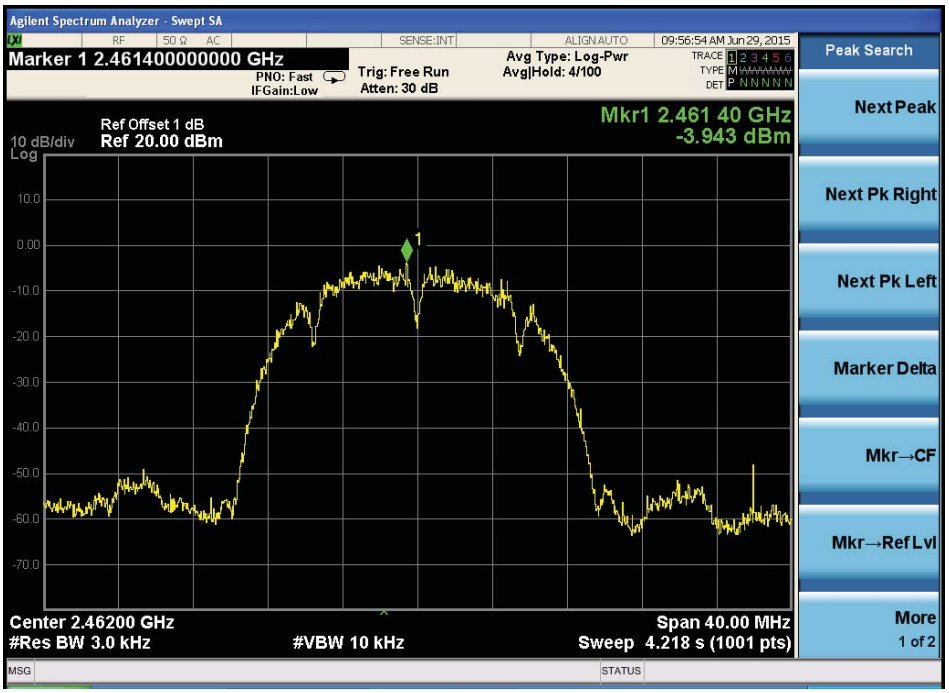

Agilent Spectrum Analyzer - Swept SA
Marker 1 2.438480000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 4/100
10:16:28 AM Jun 29, 2015
Ref Offset 1 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.438 48 GHz
-5.966 dBm
Center 2.45200 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
Span 80.00 MHz
Sweep 8.435 s (1001 pts)
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

port 1 antenna
IEEE 802.11b :
CH Low :

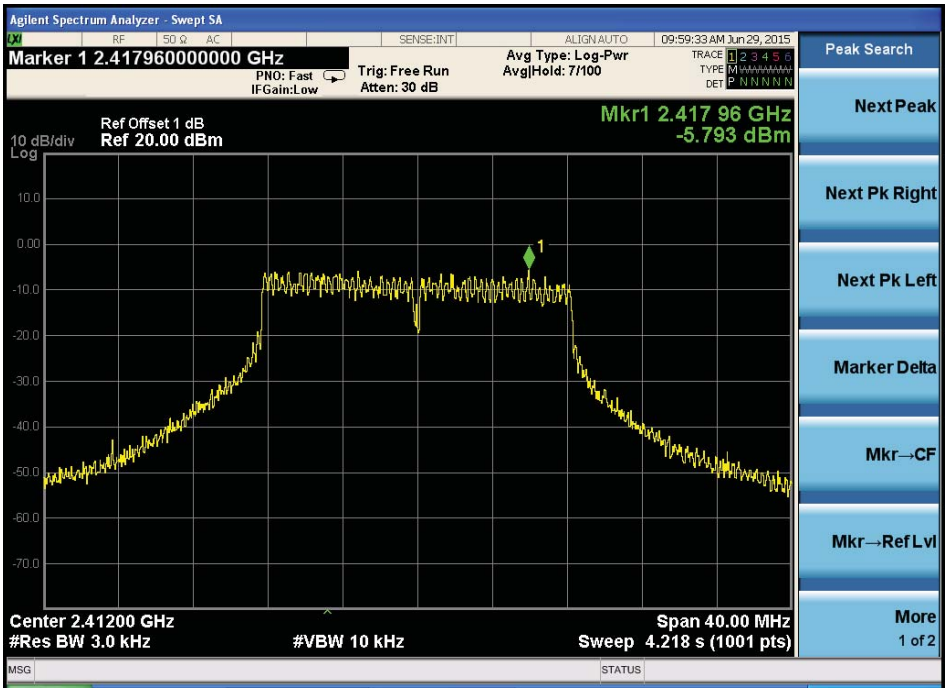


CH Mid:

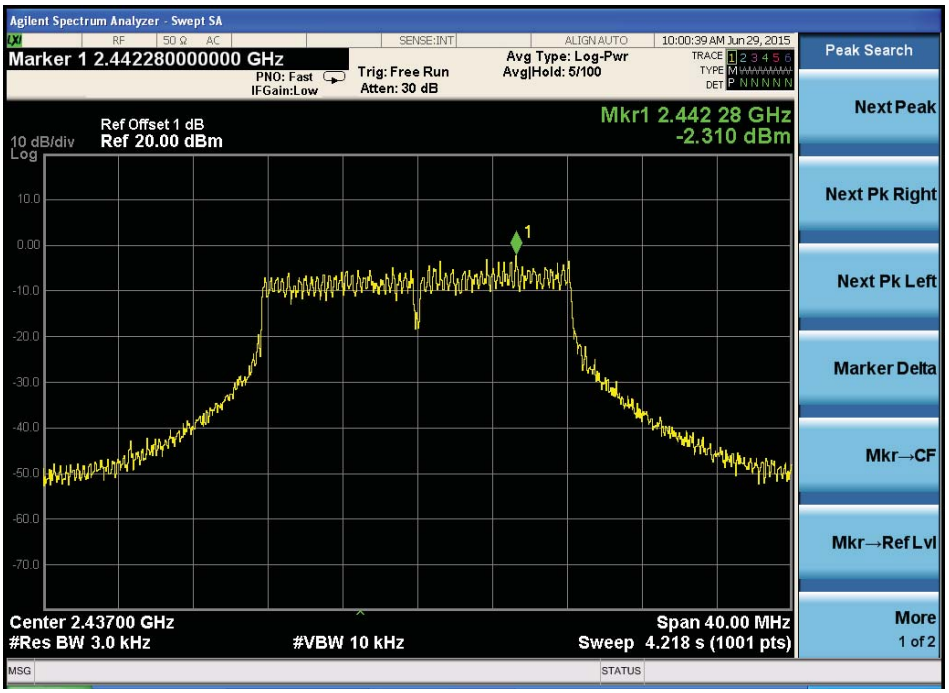
CH Hig:



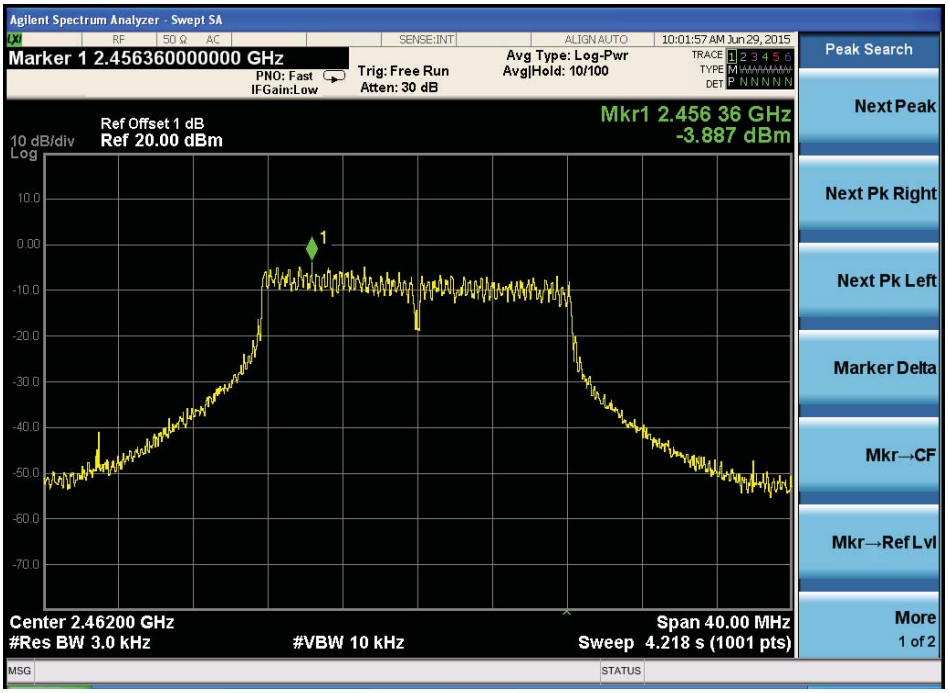
IEEE 802.11g :
CH Low :



CH Mid:

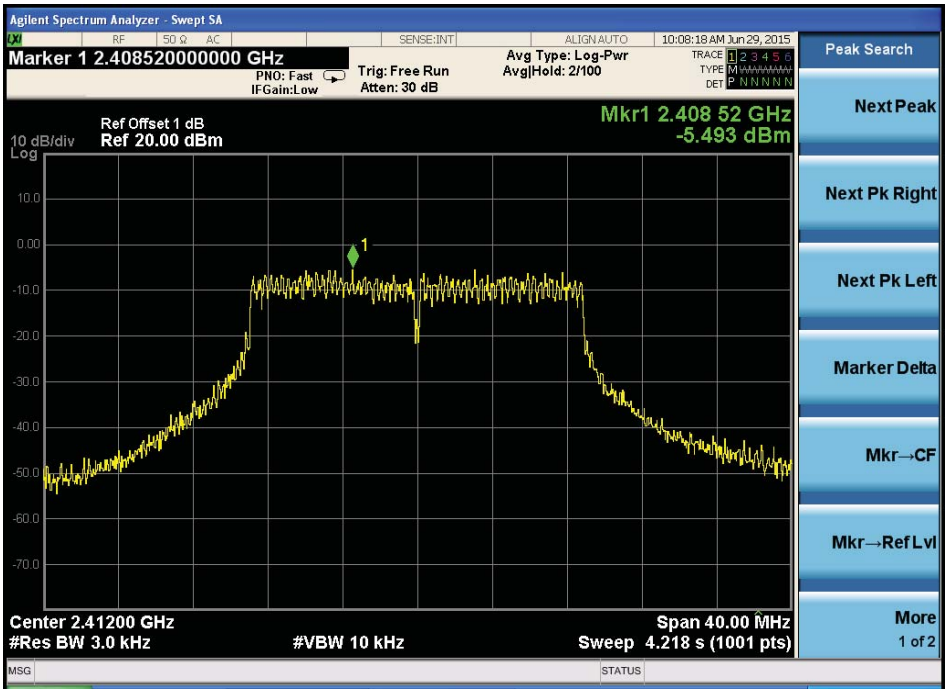

Agilent Spectrum Analyzer - Swept SA
RF 50 Ω AC
SENSE:INT
ALIGN AUTO
10:00:39 AM Jun 29, 2015
Marker 1 2.442280000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 5/100
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Ref Offset 1 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.442 28 GHz
-2.310 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.43700 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
Span 40.00 MHz
Sweep 4.218 s (1001 pts)
MSG
STATUS
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

CH Hig:

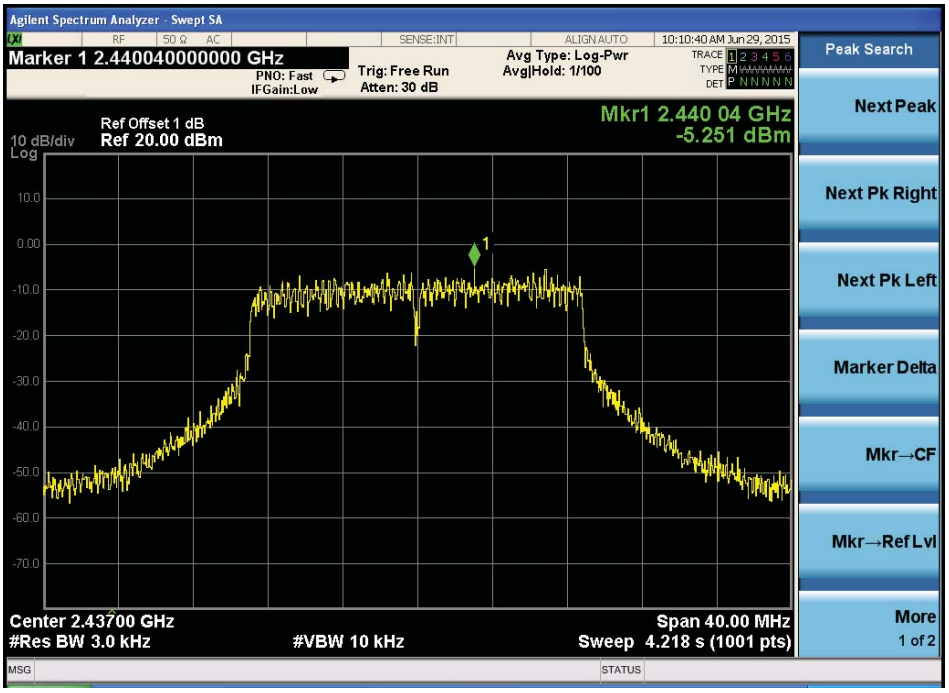

Agilent Spectrum Analyzer - Swept SA
RF 50 Ω AC
SENSE:INT
ALIGN AUTO
10:01:57 AM Jun 29, 2015
Marker 1 2.456360000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 10/100
TRACE 1 2 3 4 5 6
TYPE M
DET P N N N N N
Ref Offset 1 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.456 36 GHz
-3.887 dBm
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.46200 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
Span 40.00 MHz
Sweep 4.218 s (1001 pts)
MSG
STATUS
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

IEEE 802.11n HT20 :

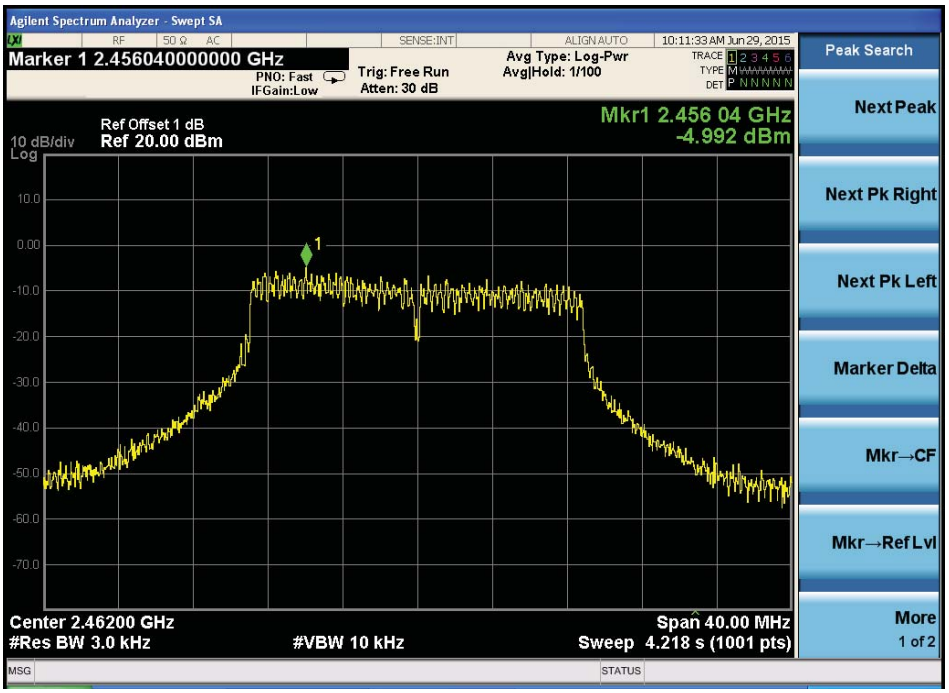
CH Low :



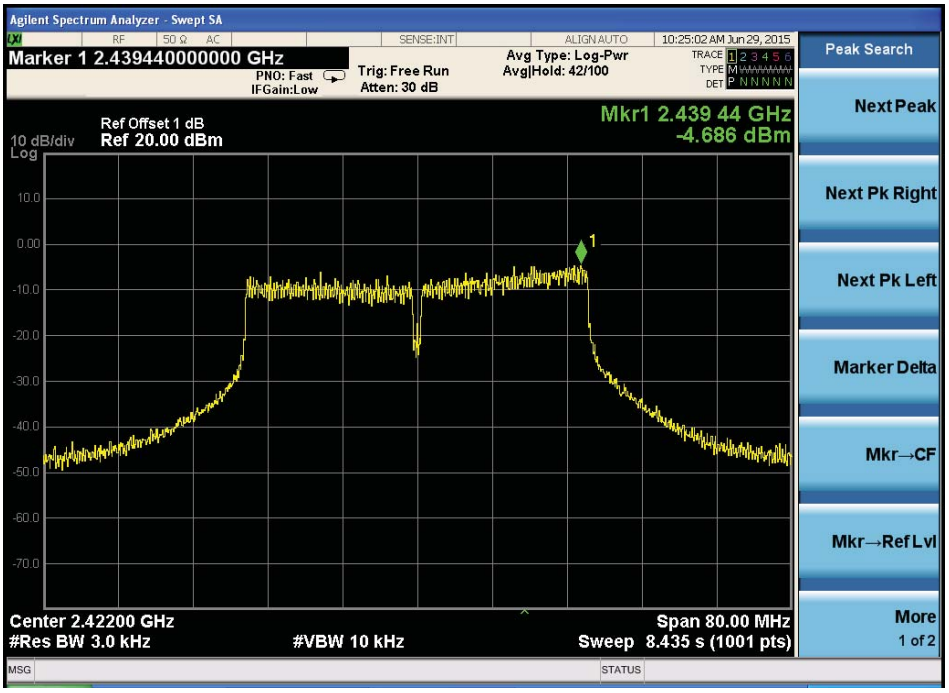
CH Mid:



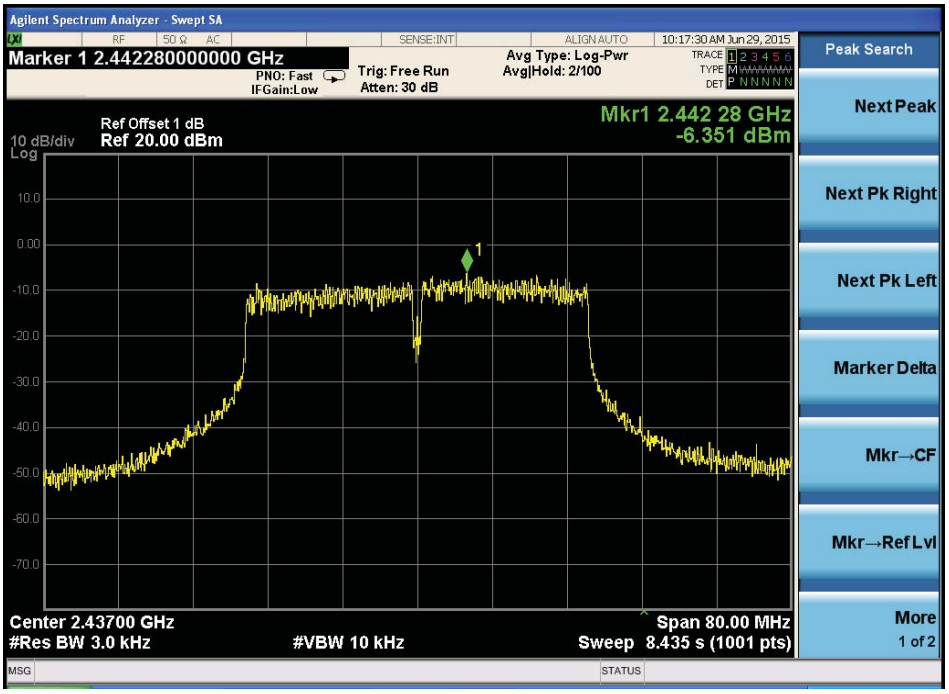
CH Hig:



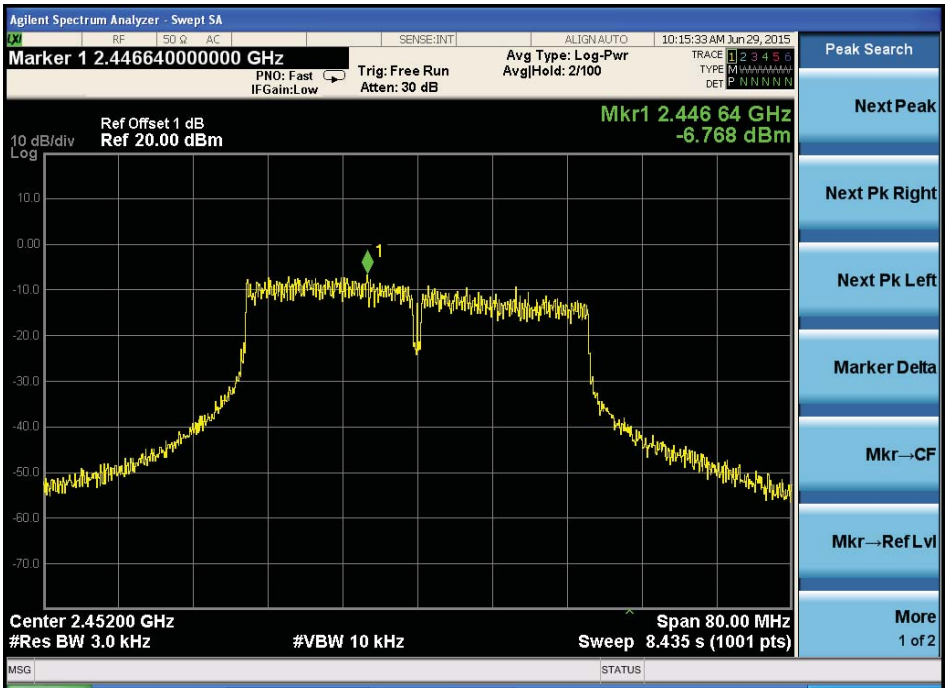
IEEE 802.11n HT40 :
CH Low :



CH Mid:


Agilent Spectrum Analyzer - Swept SA
Marker 1 2.442280000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 2/100
10:17:30 AM Jun 29, 2015
Ref Offset 1 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.442 28 GHz
-6.351 dBm
Center 2.43700 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
Span 80.00 MHz
Sweep 8.435 s (1001 pts)
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
MSG
STATUS

CH Hig:


Agilent Spectrum Analyzer - Swept SA
Marker 1 2.446640000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 2/100
10:15:33 AM Jun 29, 2015
Ref Offset 1 dB
10 dB/div
Log
Ref 20.00 dBm
Mkr1 2.446 64 GHz
-6.768 dBm
Center 2.45200 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
Span 80.00 MHz
Sweep 8.435 s (1001 pts)
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2
MSG
STATUS

9 Bandwidth

9.1 Test limit

Please refer section15.247

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500 kHz.

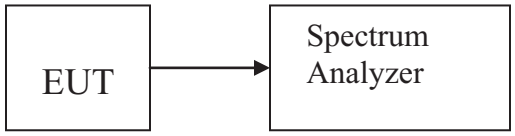
9.2 Method of measurement

Details see the KDB558074 D01 Meas Guidance

a) The bandwidth is measured at an amplitude level reduced 20dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.

b) The test receiver set RBW = 1-5 % EBW, VBW≥3RBW, Sweep time set auto, detail see the test plot.

9.3 Test Setup



9.4 Test Results

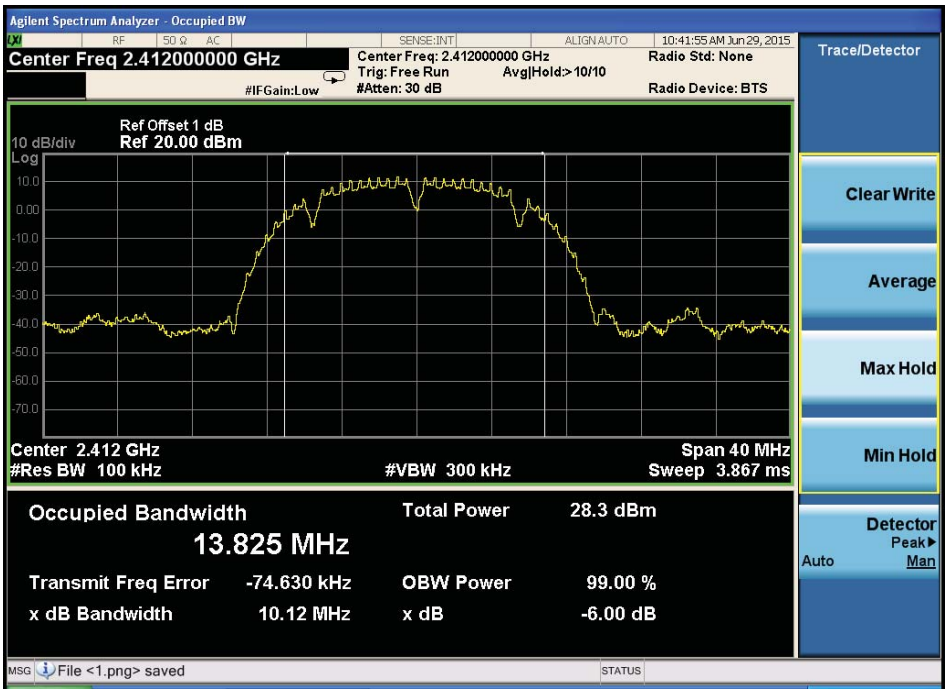
PASS.

Antenna 0 and Antenna 1port all have been tested ,
only worse case is reported

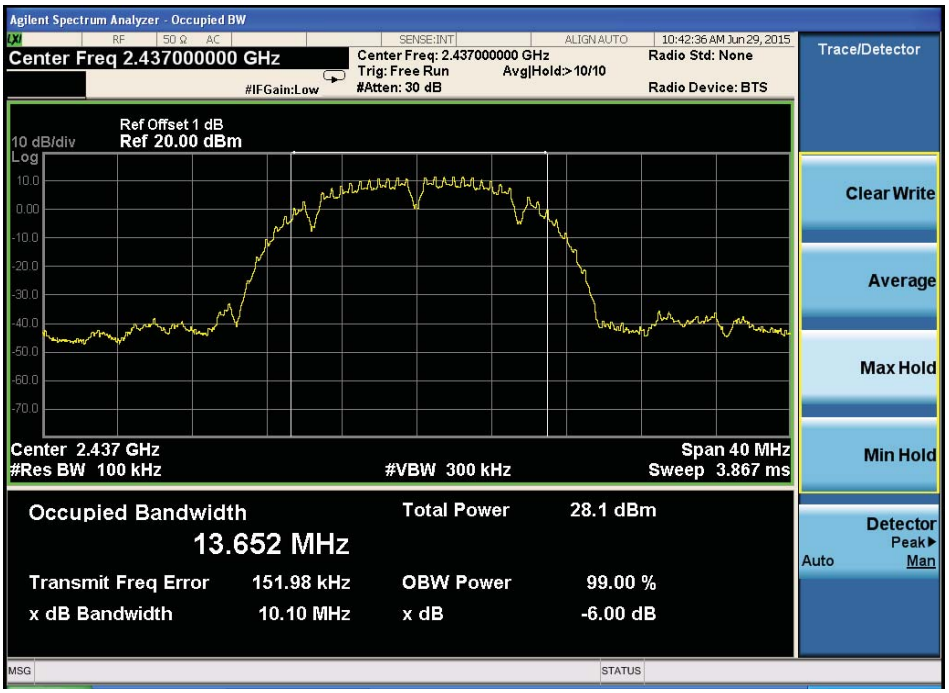
Detailed information please see the following page.

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Limit (MHz)	Result
IEEE 802.11b:					
Low	2412	10.12	13.825	0.5	PASS
Mid	2437	10.10	13.652	0.5	PASS
High	2462	9.657	13.816	0.5	PASS
IEEE 802.11g					
Low	2412	16.61	16.627	0.5	PASS
Mid	2437	16.51	16.522	0.5	PASS
High	2462	16.53	16.754	0.5	PASS
IEEE 802.11n/HT20:					
Low	2412	17.85	17.784	0.5	PASS
Mid	2437	17.74	17.702	0.5	PASS
High	2462	17.77	17.798	0.5	PASS
IEEE 802.11n/HT40:					
Low	2422	36.55	36.541	0.5	PASS
Mid	2437	36.51	36.231	0.5	PASS
High	2452	36.53	36.192	0.5	PASS

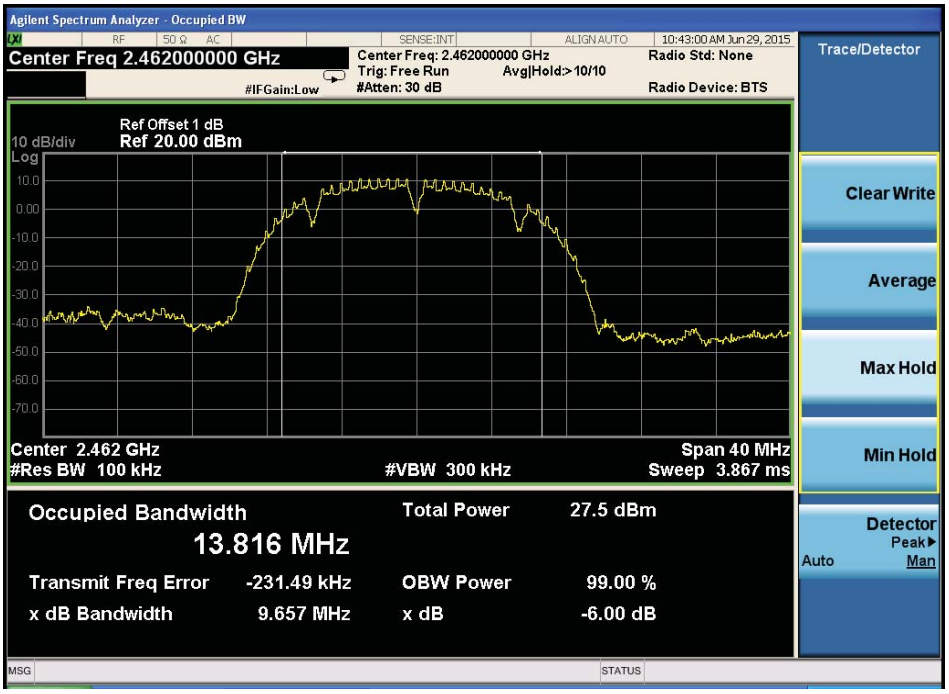
IEEE 802.11b:
CH Low :



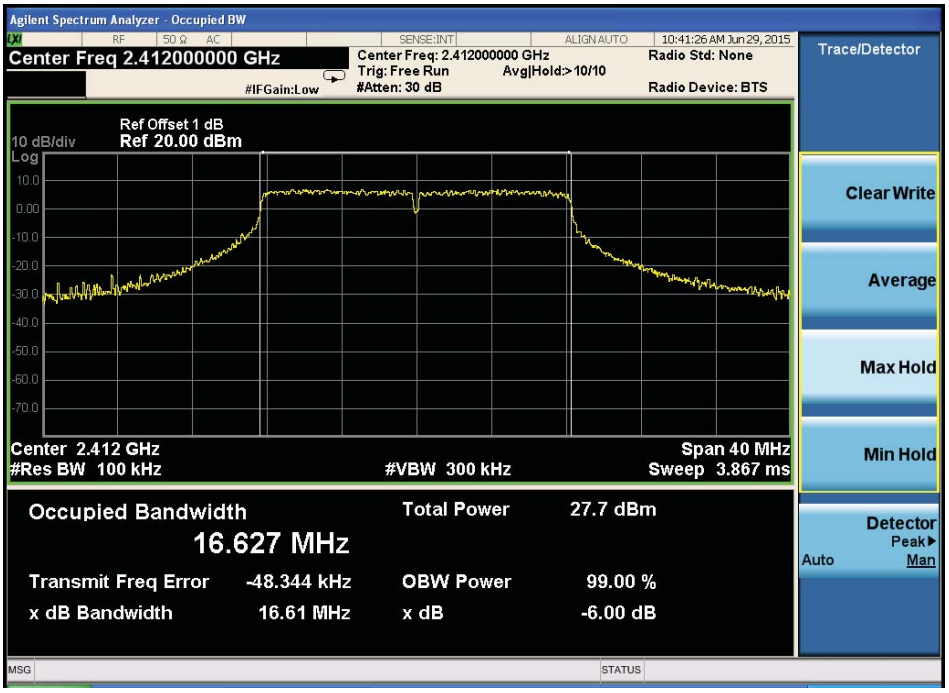
CH Mid :



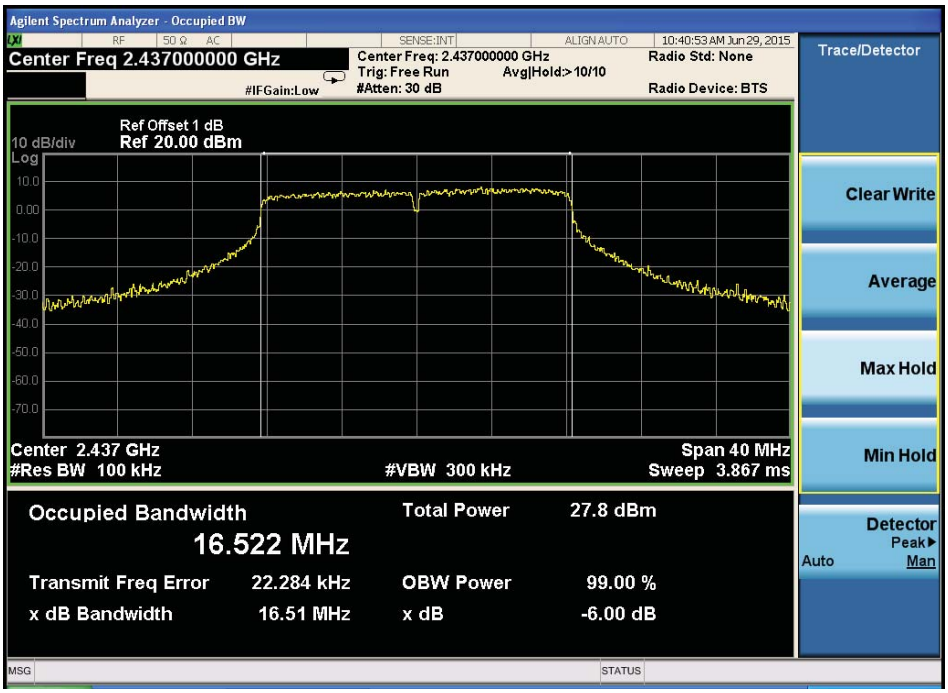
CH High :



IEEE 802.11g:
CH Low :



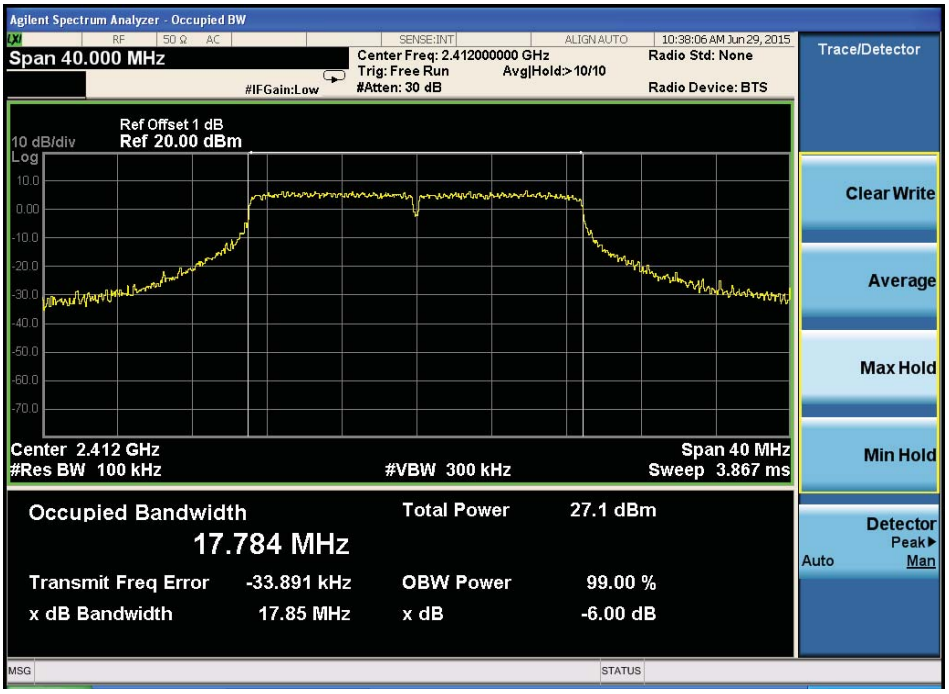
CH Mid:


Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:INT
ALIGN AUTO
10:40:53 AM Jun 29, 2015
Center Freq 2.437000000 GHz
#IFGain:Low
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Trace/Detector
Ref Offset 1 dB
10 dB/div
Ref 20.00 dBm
Log
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40 MHz
Sweep 3.867 ms
Occupied Bandwidth
16.522 MHz
Total Power 27.8 dBm
Transmit Freq Error 22.284 kHz
OBW Power 99.00 %
x dB Bandwidth 16.51 MHz
x dB -6.00 dB
Clear Write
Average
Max Hold
Min Hold
Detector
Peak
Auto
Man
MSG
STATUS

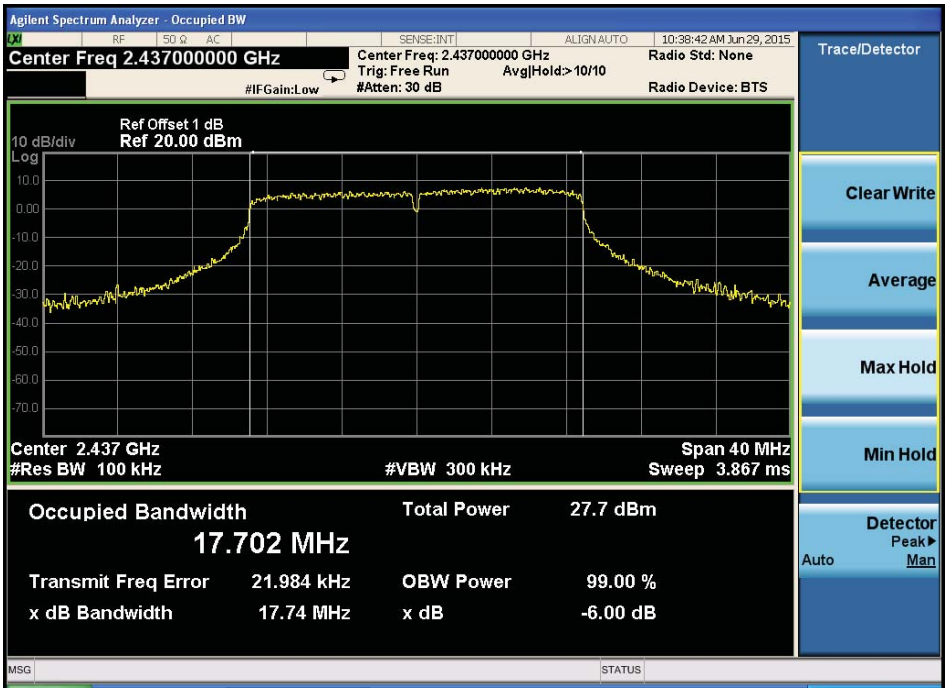
CH Hig:


Agilent Spectrum Analyzer - Occupied BW
RF 50 Ω AC
SENSE:INT
ALIGN AUTO
10:39:47 AM Jun 29, 2015
Center Freq 2.462000000 GHz
#IFGain:Low
Center Freq: 2.462000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Trace/Detector
Ref Offset 1 dB
10 dB/div
Ref 20.00 dBm
Log
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Center 2.462 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 40 MHz
Sweep 3.867 ms
Occupied Bandwidth
16.754 MHz
Total Power 26.8 dBm
Transmit Freq Error -173.15 kHz
OBW Power 99.00 %
x dB Bandwidth 16.53 MHz
x dB -6.00 dB
Clear Write
Average
Max Hold
Min Hold
Detector
Peak
Auto
Man
MSG
File <3.png> saved
STATUS

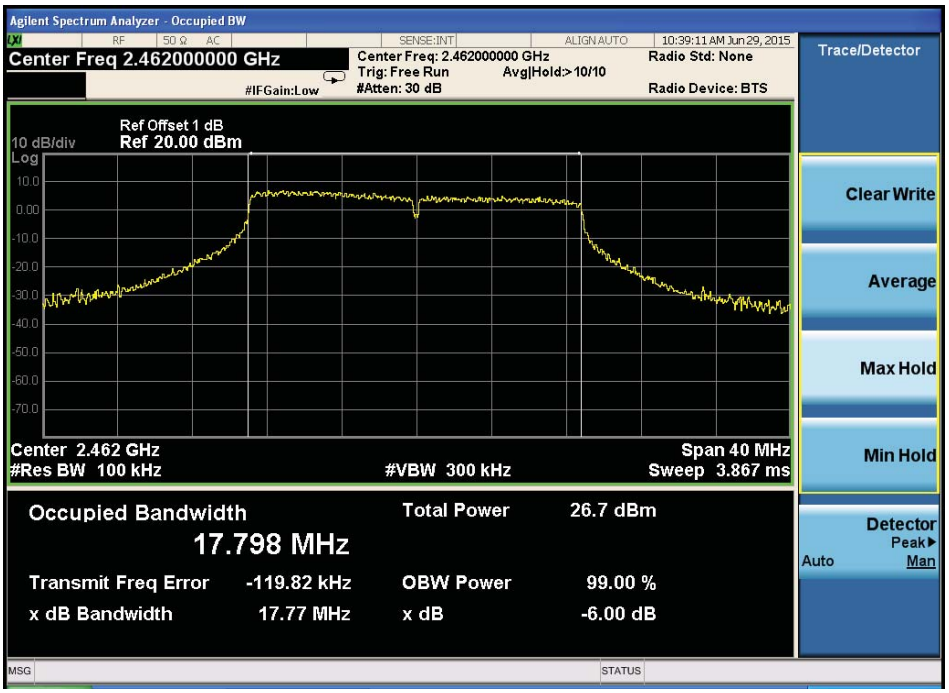
IEEE 802.11n HT20:
CH Low :



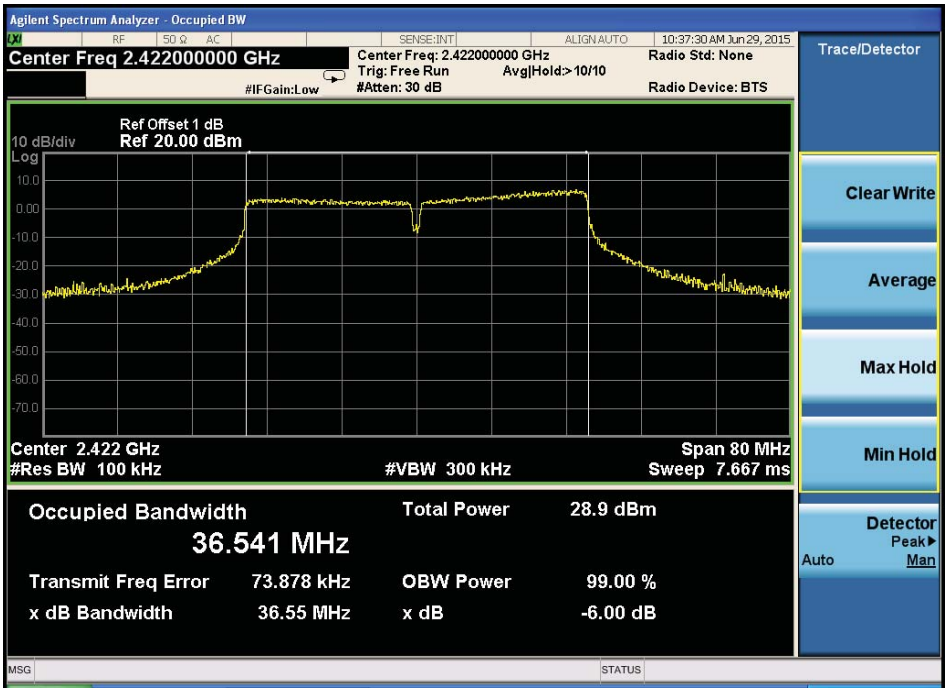
CH Mid :



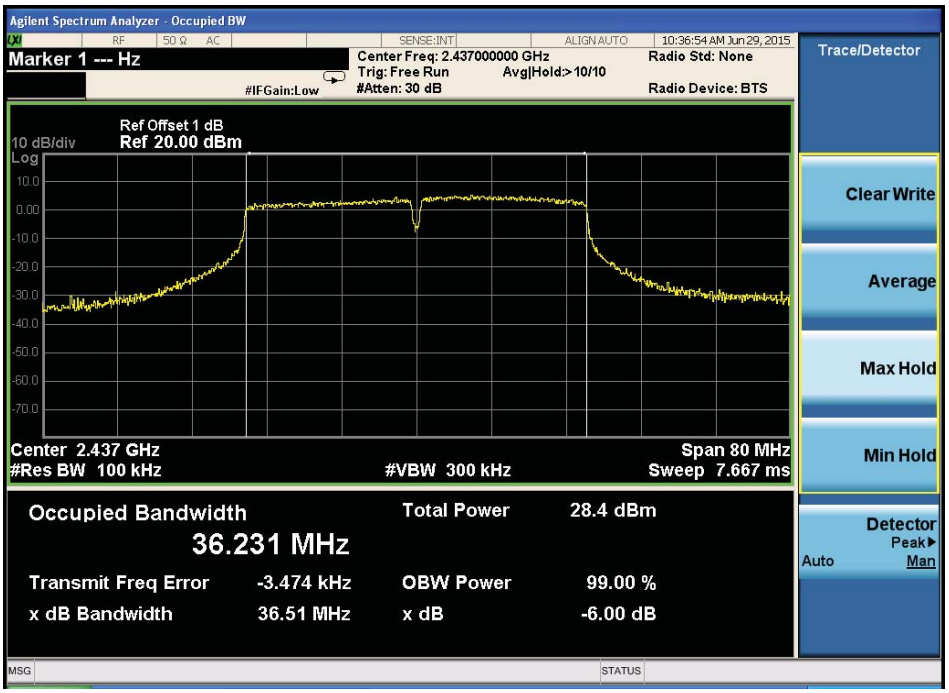
CH High :



IEEE 802.11n/HT40:
CH Low :



CH Mid:



CH High :

10 Band Edge Check

10.1 Test limit

Please refer section15.247

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 and 5725MHz to 5850MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

10.2 Test Procedure

12.2.1 Put the EUT on a 0.8m high table, power on the EUT. Emissions were scanned and measured rotating the EUT to 360 degrees, Find the maximum Emission

12.2.2 Check the spurious emissions out of band.

12.2.3 RBW 1MHz ,VBW 3MHz ,peak detector for peak value , RBW 1MHz ,VBW 3MHz , RMS detector for AV value.

10.3 Test Setup

Same as 5.2.2.

10.4 Test Result

PASS.

Detailed information please see the following page.

Radiated Method:
IEEE 802.11b CH LOW

Band Edge Test result								
EUT: Broadband Digital Transmission System M/N: LigoDLB Propeller 2								
Power: DC 24V From adapter								
Test date: 2015-06-30 Test site: 3m Chamber Tested by: Store								
Test mode: MIMO TX Low								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390	42.52	27.62	3.92	34.97	39.09	74	34.91	**PK**
2390	--	27.62	3.94	34.97	--	54	--	AV
Antenna Polarity: Horizontal								
2390	42.74	27.62	3.92	34.97	39.31	74	34.69	**PK**
2390	--	27.62	3.94	34.97	--	54	--	AV

Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

IEEE 802.11b CH High

Band Edge Test result								
EUT: Broadband Digital Transmission System M/N: LigoDLB Propeller 2								
Power: DC 24V From adapter								
Test date: 2015-06-30 Test site: 3m Chamber Tested by: Store								
Test mode: MIMO TX High								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	41.62	27.89	4	34.97	38.54	74	35.46	**PK**
2483.5		--	--	--	--	54	--	AV
Antenna Polarity: Horizontal								
2483.5	42.54	27.89	4	34.97	39.46	74	34.54	**PK**
2483.5		--	--	--	--	54	--	AV

Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

IEEE 802.11g CH LOW

Band Edge Test result								
EUT: Broadband Digital Transmission System M/N: LigoDLB Propeller 2								
Power: DC 24V From adapter								
Test date: 2015-06-30 Test site: 3m Chamber Tested by: Store								
Test mode: MIMO TX Low								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390	43.52	27.62	3.92	34.97	40.09	74	33.91	**PK**
2390	--	27.62	3.94	34.97	--	54	--	AV
Antenna Polarity: Horizontal								
2390	42.59	27.62	3.92	34.97	39.16	74	34.84	**PK**
2390	--	27.62	3.94	34.97	--	54	--	AV

Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

IEEE 802.11b CH High

Band Edge Test result								
EUT: Broadband Digital Transmission System M/N: LigoDLB Propeller 2								
Power: DC 24V From adapter								
Test date: 2015-06-30 Test site: 3m Chamber Tested by: Store								
Test mode: MIMO TX High								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	42.29	27.89	4	34.97	39.21	74	34.79	**PK**
2483.5		--	--	--	--	54	--	AV
Antenna Polarity: Horizontal								
2483.5	42.75	27.89	4	34.97	39.67	74	34.33	**PK**
2483.5		--	--	--	--	54	--	AV

Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

IEEE 802.11n HT20 CH Low

Band Edge Test result								
EUT: Broadband Digital Transmission System M/N: LigoDLB Propeller 2								
Power: DC 24V From adapter								
Test date: 2015-06-30 Test site: 3m Chamber Tested by: Store								
Test mode: MIMO TX Low								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390	41.89	27.62	3.92	34.97	38.46	74	34.79	**PK**
2390	--	27.62	3.94	34.97	--	54	--	AV
Antenna Polarity: Horizontal								
2390	42.64	27.62	3.92	34.97	39.21	74	34.79	**PK**
2390	--	27.62	3.94	34.97	--	54	--	AV

Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

IEEE 802.11n HT20 CH High

Band Edge Test result								
EUT: Broadband Digital Transmission System M/N: LigoDLB Propeller 2								
Power: DC 24V From adapter								
Test date: 2015-06-30 Test site: 3m Chamber Tested by: Store								
Test mode: MIMO TX High								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	41.77	27.89	4	34.97	38.69	74	35.31	PK
2483.5		--	--	--	--	54	--	AV
Antenna Polarity: Horizontal								
2483.5	42.26	27.89	4	34.97	39.18	74	34.82	PK
2483.5		--	--	--	--	54	--	AV

Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

IEEE 802.11n HT40 CH Low

Band Edge Test result								
EUT: Broadband Digital Transmission System M/N: LigoDLB Propeller 2								
Power: DC 24V From adapter								
Test date: 2015-06-30 Test site: 3m Chamber Tested by: Store								
Test mode: MIMO TX Low								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2390	42.34	27.62	3.92	34.97	38.91	74	35.09	**PK**
2390	--	27.62	3.94	34.97	--	54	--	AV
Antenna Polarity: Horizontal								
2390	42.76	27.62	3.92	34.97	39.33	74	34.67	**PK**
2390	--	27.62	3.94	34.97	--	54	--	AV

Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

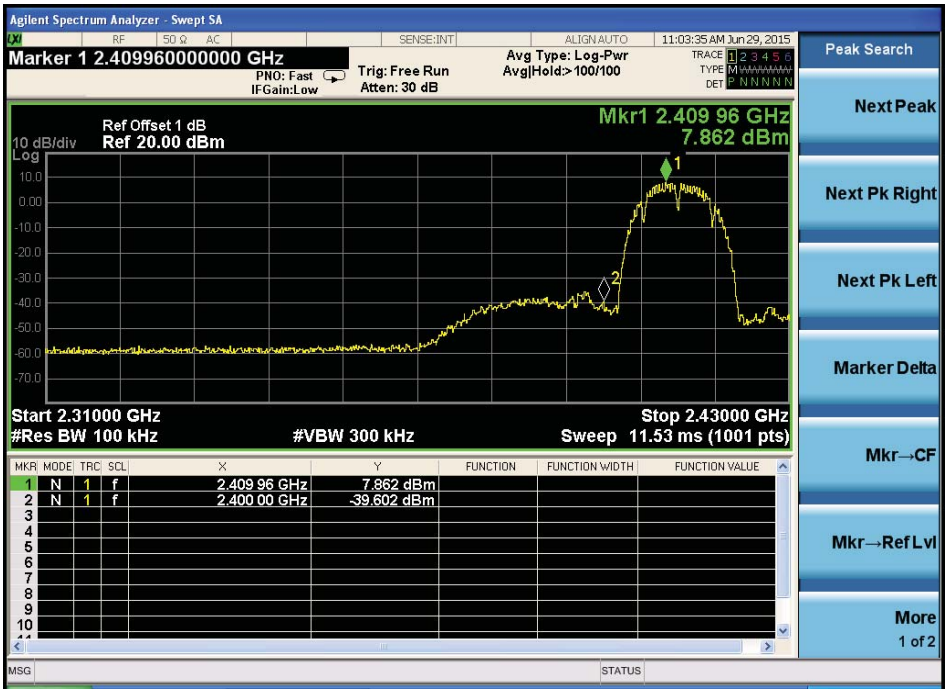
IEEE 802.11n HT40 CH High

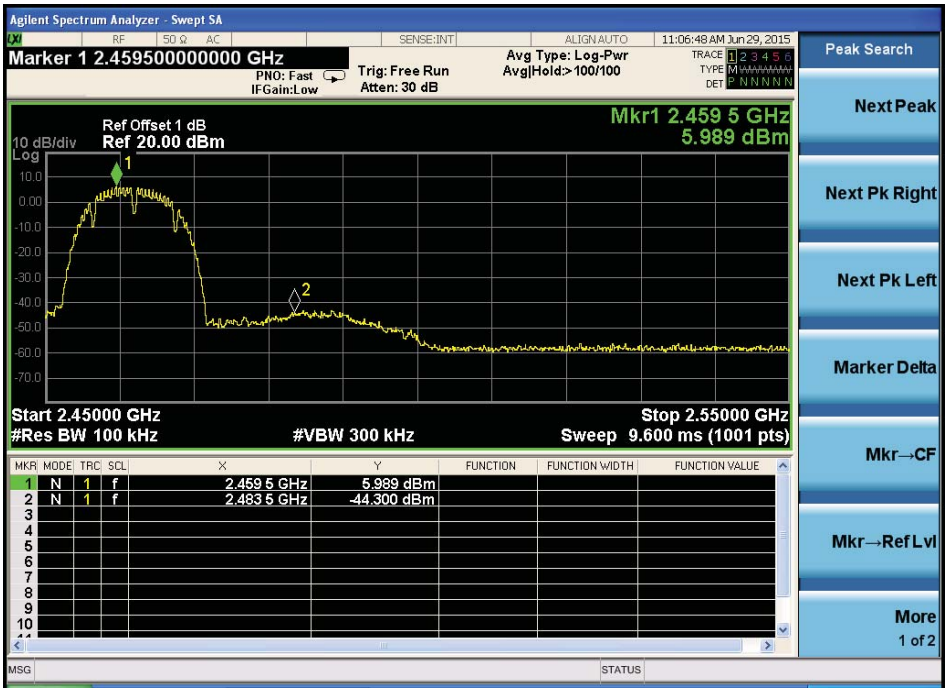
Band Edge Test result								
EUT: Broadband Digital Transmission System M/N: LigoDLB Propeller 2								
Power: DC 24V From adapter								
Test date: 2015-06-30 Test site: 3m Chamber Tested by: Store								
Test mode: MIMO TX High								
Antenna polarity: Vertical								
Freq (MHz)	Read Level (dBuV/m)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
2483.5	41.67	27.89	4	34.97	38.59	74	35.41	PK
2483.5		--	--	--	--	54	--	AV
Antenna Polarity: Horizontal								
2483.5	42.06	27.89	4	34.97	38.98	74	35.02	PK
2483.5		--	--	--	--	54	--	AV

Note:
1, Spectrum Set for PK measure: RBW=1MHz, VBW=1MHz, Sweep time=Auto, Detector: PK
2, Spectrum Set for AV measure: RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector: RMS
3, Result = Read level + Antenna factor + cable loss-Amp factor
4, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

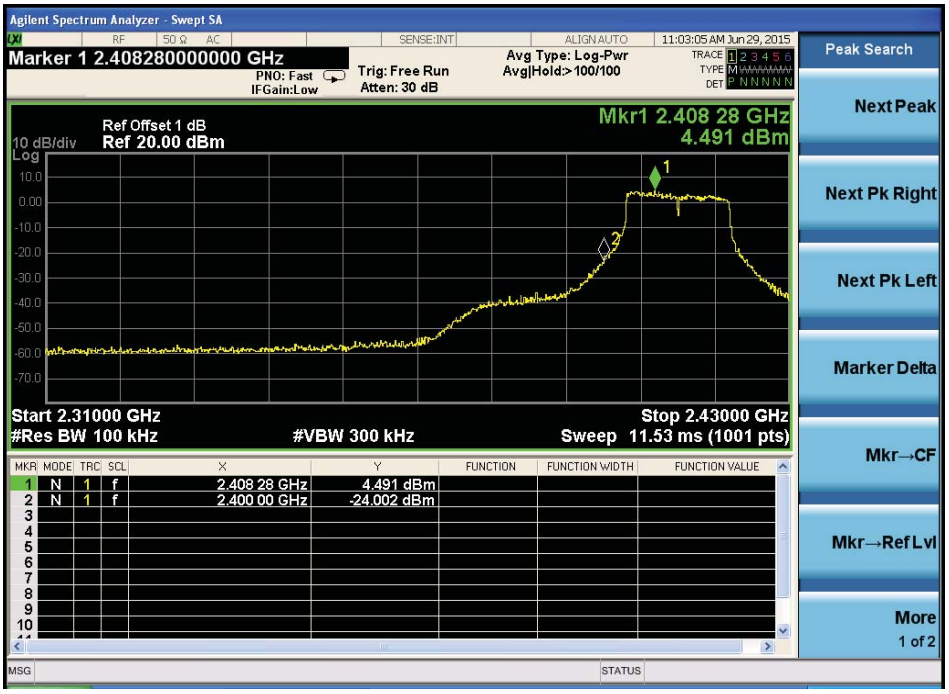
Conducted Method: ANT PORT 0 and 1 all have been tested ,only report worse case

802.11b



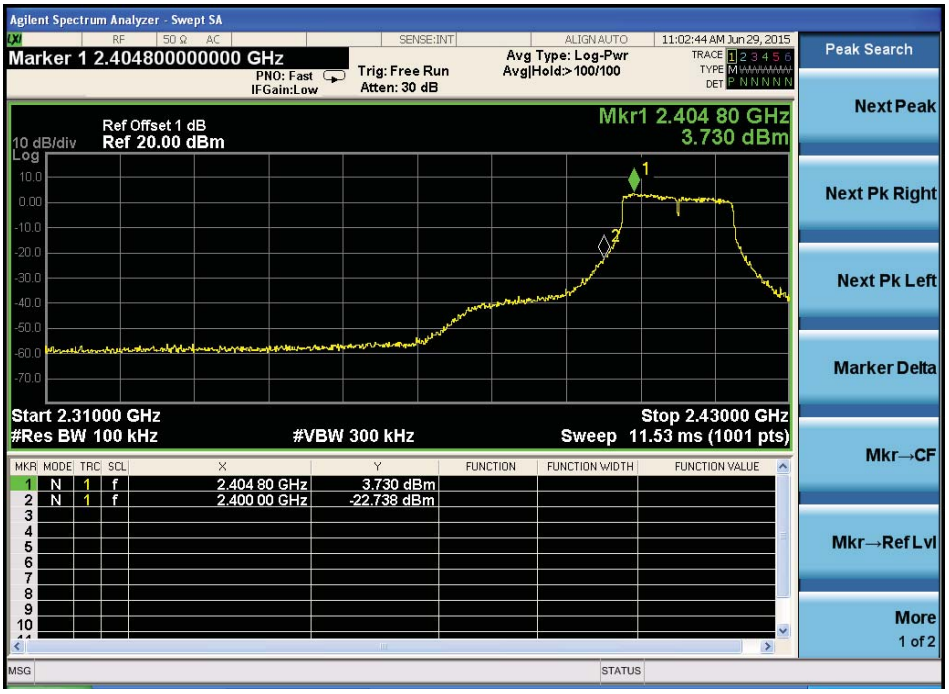


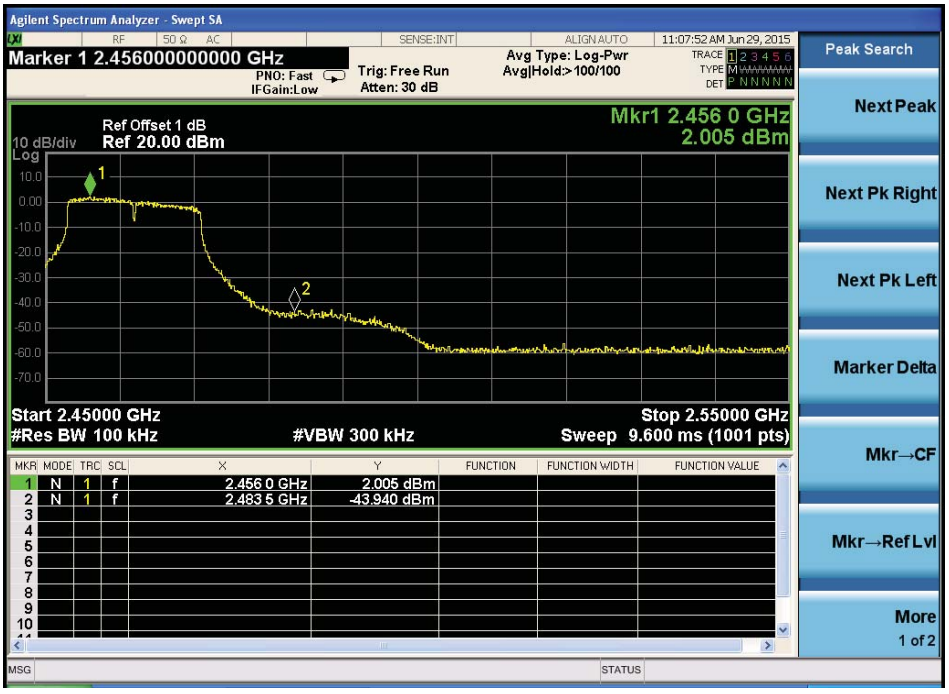
802.11g


Agilent Spectrum Analyzer - Swept SA
Marker 1 2.408280000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:03:05 AM Jun 29, 2015
Ref Offset 1 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.408 28 GHz
4.491 dBm
Start 2.31000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.43000 GHz
Sweep 11.53 ms (1001 pts)
1 N 1 f 2.408 28 GHz 4.491 dBm
2 N 1 f 2.400 00 GHz -24.002 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

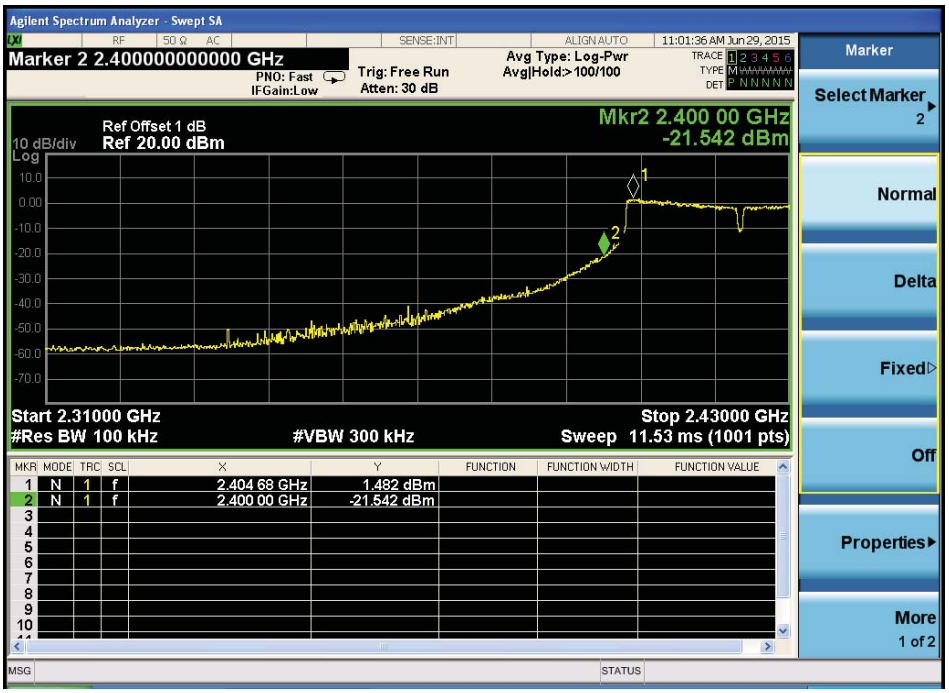

Agilent Spectrum Analyzer - Swept SA
Marker 1 2.455100000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:07:21 AM Jun 29, 2015
Ref Offset 1 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.455 1 GHz
3.081 dBm
Start 2.45000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.55000 GHz
Sweep 9.600 ms (1001 pts)
1 N 1 f 2.455 1 GHz 3.081 dBm
2 N 1 f 2.483 5 GHz -45.130 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

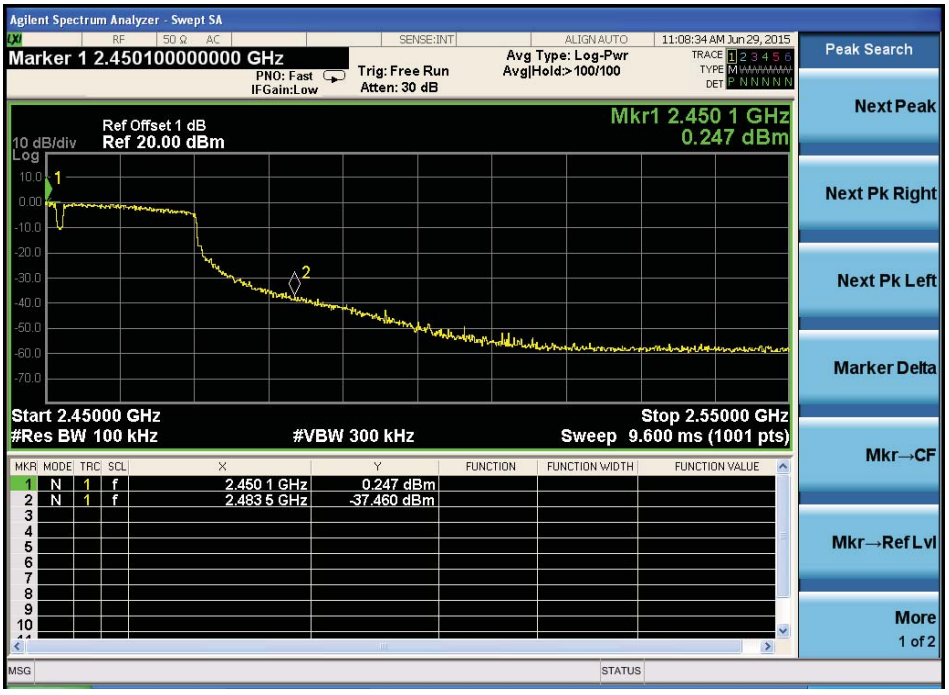
802.11n HT20


Agilent Spectrum Analyzer - Swept SA
Marker 1 2.404800000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:02:44 AM Jun 29, 2015
Ref Offset 1 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.404 80 GHz
3.730 dBm
Start 2.31000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.43000 GHz
Sweep 11.53 ms (1001 pts)
1 N 1 f 2.404 80 GHz 3.730 dBm
2 N 1 f 2.400 00 GHz -22.738 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 2.456000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:07:52 AM Jun 29, 2015
Ref Offset 1 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.456 0 GHz
2.005 dBm
Start 2.45000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.55000 GHz
Sweep 9.600 ms (1001 pts)
1 N 1 f 2.456 0 GHz 2.005 dBm
2 N 1 f 2.483 5 GHz -43.940 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More
1 of 2

802.11n HT40


Agilent Spectrum Analyzer - Swept SA
Marker 2 2.400000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:01:36 AM Jun 29, 2015
Ref Offset 1 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr2 2.400 00 GHz
-21.542 dBm
Start 2.31000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.43000 GHz
Sweep 11.53 ms (1001 pts)
1 N 1 f 2.404 68 GHz 1.482 dBm
2 N 1 f 2.400 00 GHz -21.542 dBm
Marker
Select Marker 2
Normal
Delta
Fixed
Off
Properties
More 1 of 2


Agilent Spectrum Analyzer - Swept SA
Marker 1 2.450100000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
11:08:34 AM Jun 29, 2015
Ref Offset 1 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.450 1 GHz
0.247 dBm
Start 2.45000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.55000 GHz
Sweep 9.600 ms (1001 pts)
1 N 1 f 2.450 1 GHz 0.247 dBm
2 N 1 f 2.483 5 GHz -37.460 dBm
Peak Search
Next Peak
Next Pk Right
Next Pk Left
Marker Delta
Mkr→CF
Mkr→Ref Lvl
More 1 of 2

11 Antenna Requirement

11.1 Standard Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

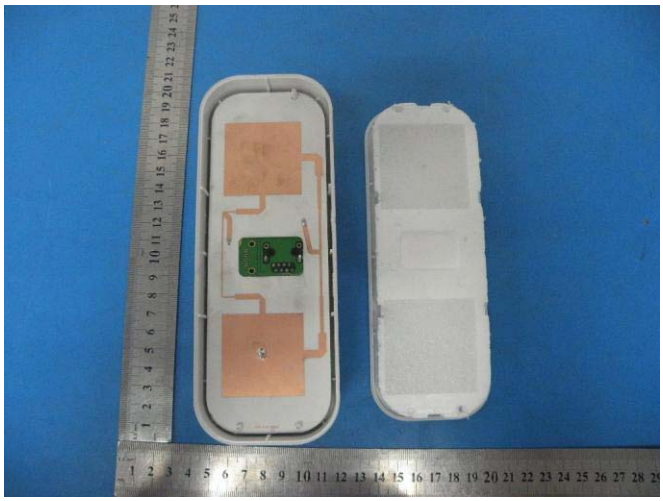
11.2 Antenna Connected Construction

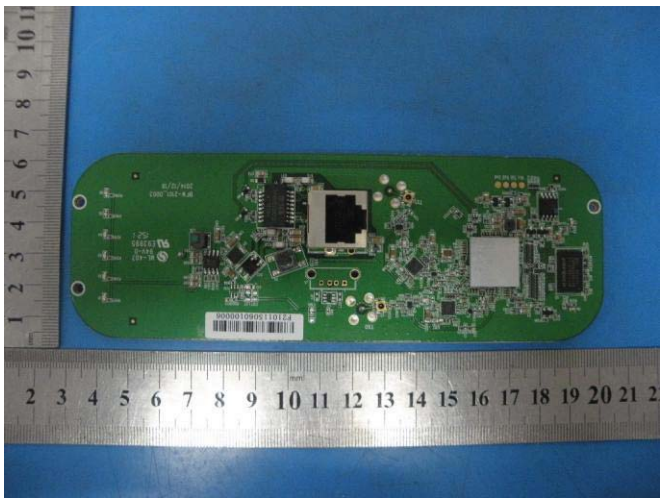
The antenna connector is unique antenna and no consideration of replacement. Please see EUT photo for details.

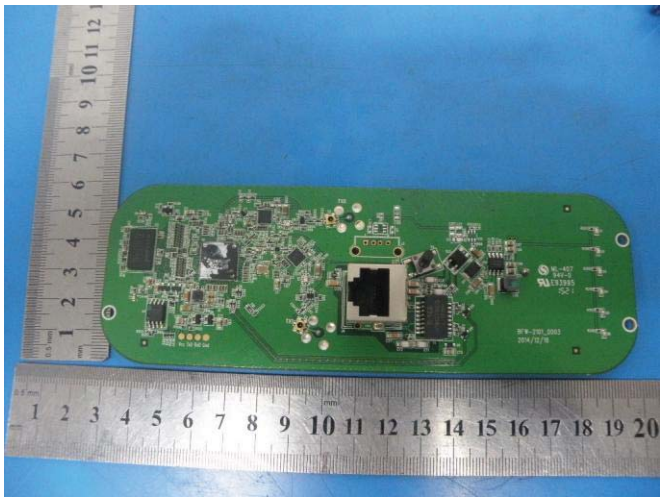
11.3 Result

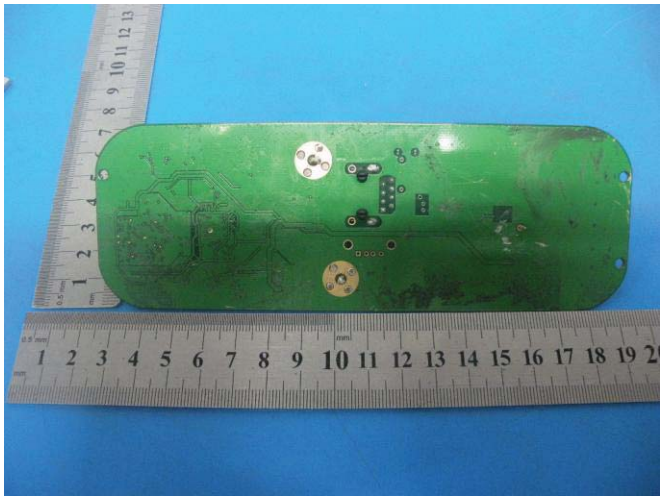
The EUT antenna is printed Antenna. It comply with the standard requirement.

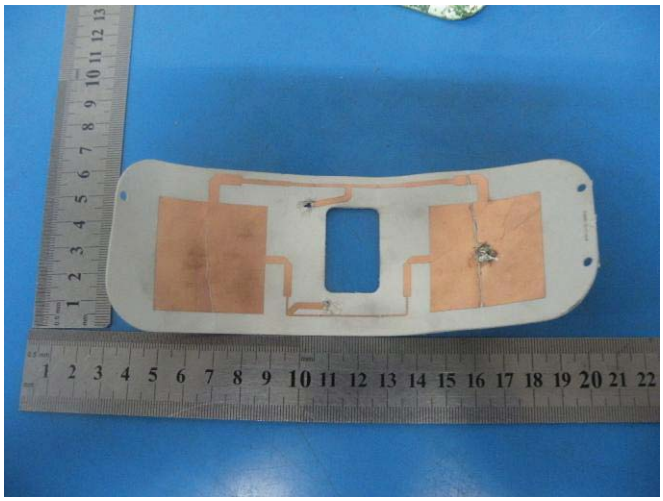
12 Photographs of EUT

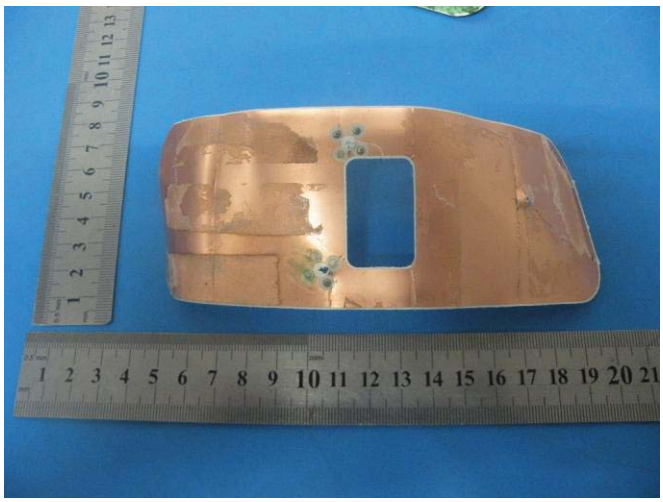













POE POWER ADAPTER
MODEL:AY012E-ZF243
INPUT:100-240V~ 50/60Hz 0.5A
OUTPUT:24V ⎓ 0.5A
For I.T.E Use only
MADE IN CHINA
20140124


POE POWER ADAPTER
MODEL:AY012E-ZF243
INPUT:100-240V~ 50/60Hz 0.5A
OUTPUT:24V ⎓ 0.5A
For I.T.E Use only
MADE IN CHINA
20140124

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