



BreezeNETB300
FCCID: LKT-BNETB-58

26 /7/09
BreezeNETB300
LKT-BNETB-49

**Test results for: Channel power, Occupied BW, PSD,
spurious emissions for 5/10/20/40MHz CH BW.**

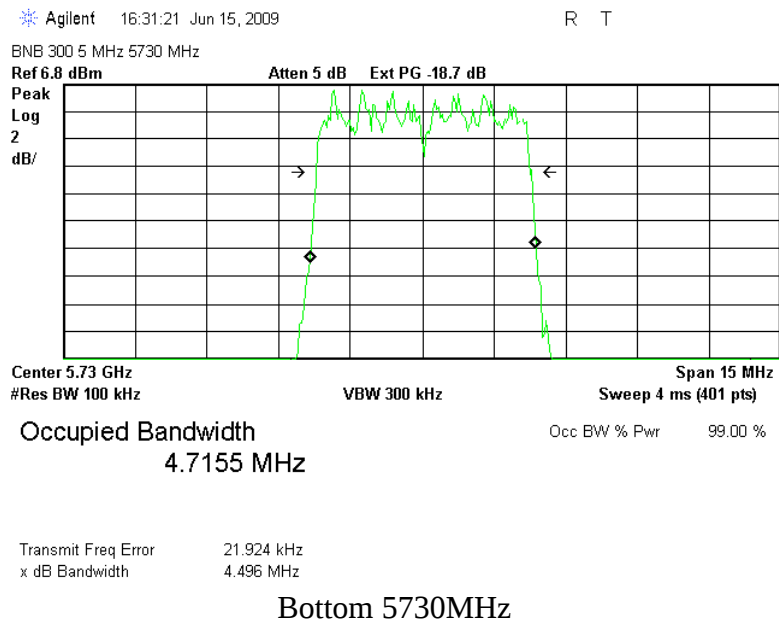
Table1 .Test results summary of Channel power and PSD

CH Bandwidth	Frequency (MHz)	Channel power Measured Chain1,2 (dBm)	Combined Channel power calculated (dBm)	PSD Measured Chain 1,2 (dBm)	Combined PSD calculated (dBm/MHz)	PSD (dBm/MHz)
5MHz	5730	22.0	25.0	-7.26	-4.25	8
	5790	22.5	25.5	-5.39	-2.38	8
	5845	22.6	25.6	-6.45	-3.44	8
10MHz	5730	20.71	23.71	-11.57	-8.57	8
	5790	20.30	23.30	-12.04	-9.03	8
	5845	21.18	24.18	-8.22	-5.22	8
20MHz	5730	20.58	23.58	-15.53	-12.52	8
	5780	20.14	23.14	-13.18	-10.18	8
	5840	20.54	23.54	-16.10	-13.01	8
40MHz	5750	17.9	20.9	-20.8	-17.8	8
	5790	17.7	20.7	-19.8	-16.77	8
	5830	18.8	21.8	-20.4	-17.39	8

Note: The two radio chains are identical as described in
Technical description
Combined power and PSD calculations, are made accordingly

Test results

EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Minimum 6dB BW
Modulation	OFDM
BW	5MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508





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BreezeNETB300

FCCID: LKT-BNETB-49

Agilent 16:33:08 Jun 15, 2009

R T

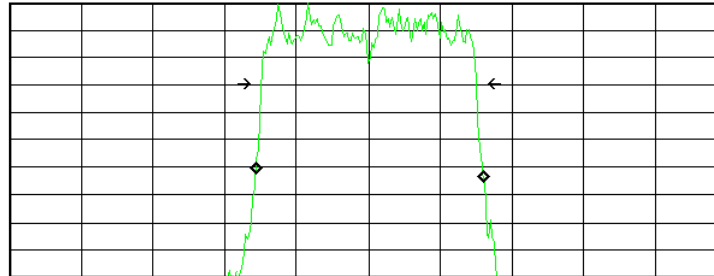
BNB 300 5 MHz 5790 MHz

Ref 6.8 dBm

Atten 5 dB

Ext PG -18.7 dB

Peak
Log
2
dB/



Center 5.79 GHz

#Res BW 100 kHz

VBW 300 kHz

Span 15 MHz

Sweep 4 ms (401 pts)

Occupied Bandwidth

4.7438 MHz

Occ BW % Pwr

99.00 %

Transmit Freq Error

28.341 kHz

x dB Bandwidth

4.484 MHz

Middle 5790MHz

Agilent 16:29:51 Jun 15, 2009

R T

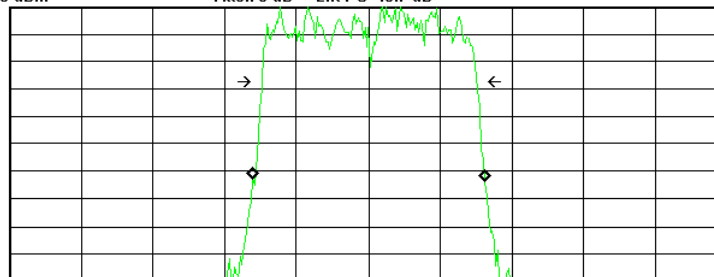
BNB 300 5 MHz 5845 MHz

Ref 6.8 dBm

Atten 5 dB

Ext PG -18.7 dB

Peak
Log
2
dB/



Center 5.845 GHz

#Res BW 100 kHz

VBW 300 kHz

Span 15 MHz

Sweep 4 ms (401 pts)

Occupied Bandwidth

4.8339 MHz

Occ BW % Pwr

99.00 %

Transmit Freq Error

20.110 kHz

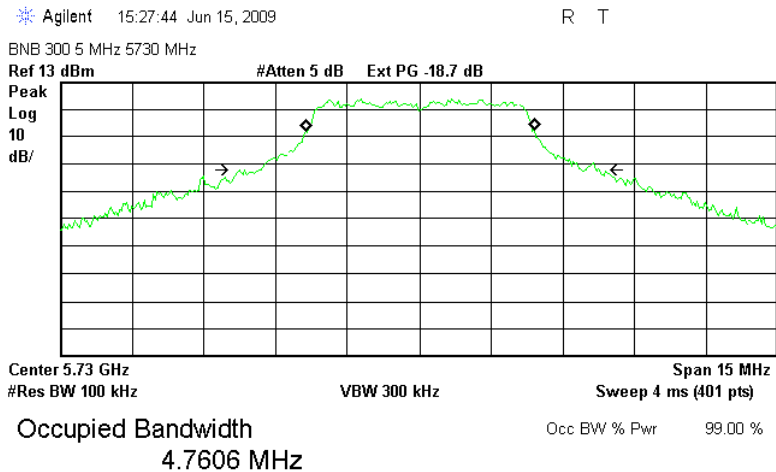
x dB Bandwidth

4.477 MHz

Top 5845MHz

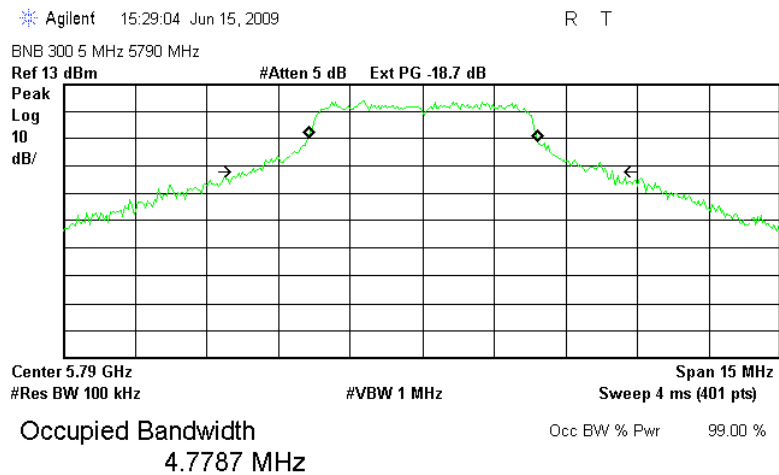
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21A HaBarzel Street
Tel Aviv 69710 ISRAEL
Tel: + 972-3-6456262
Fax: + 972-3-6456290
www.alvarion.com

EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Occupied BW-26dB
Modulation	OFDM
BW	5MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Transmit Freq Error 25.576 kHz
x dB Bandwidth 7.526 MHz

Bottom 5730MHz



Transmit Freq Error 23.056 kHz
x dB Bandwidth 7.732 MHz

Middle 5790MHz



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BreezeNETB300

FCCID: LKT-BNETB-49

Agilent 15:30:41 Jun 15, 2009

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BNB 300 5 MHz 5845 MHz

Ref 13 dBm

#Atten 5 dB

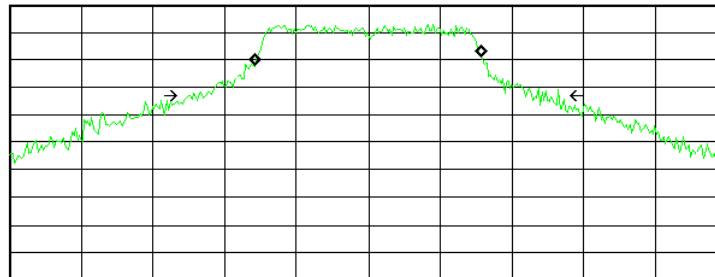
Ext PG -18.7 dB

Peak

Log

10

dB/



Center 5.845 GHz

#Res BW 100 kHz

VBW 300 kHz

Span 15 MHz

Sweep 4 ms (401 pts)

Occupied Bandwidth

4.7471 MHz

Occ BW % Pwr

99.00 %

Transmit Freq Error

-5.326 kHz

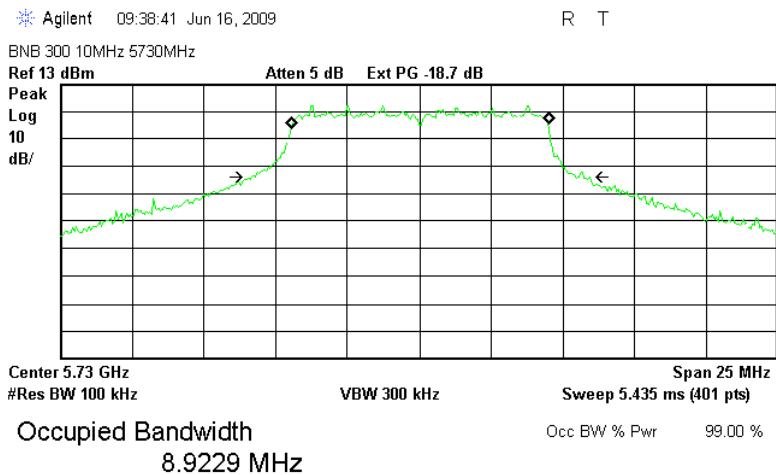
x dB Bandwidth

7.746 MHz

Top 5845MHz

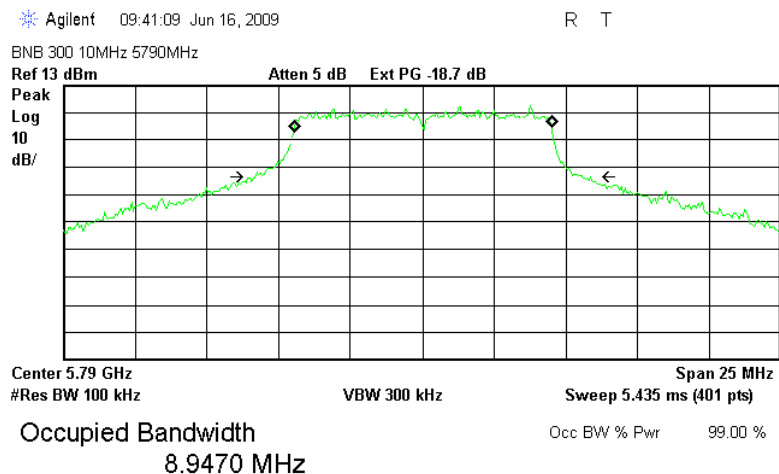
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EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Occupied BW-26dB
Modulation	OFDM
BW	10MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Transmit Freq Error 13.494 kHz
x dB Bandwidth 11.500 MHz

Bottom 5730MHz



Transmit Freq Error 12.260 kHz
x dB Bandwidth 11.691 MHz

Middle 5790MHz



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BreezeNETB300

FCCID: LKT-BNETB-49

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FCCID: LKT-BNETB-49

Agilent 09:42:36 Jun 16, 2009

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BNB 300 10MHz 5845MHz

Ref 13 dBm

Atten 5 dB

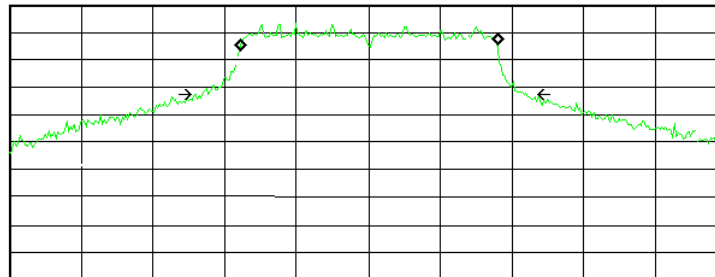
Ext PG -18.7 dB

Peak

Log

10

dB/



Center 5.845 GHz

#Res BW 100 kHz

VBW 300 kHz

Span 25 MHz

Sweep 5.435 ms (401 pts)

Occupied Bandwidth

8.9455 MHz

Occ BW % Pwr

99.00 %

Transmit Freq Error

4.915 kHz

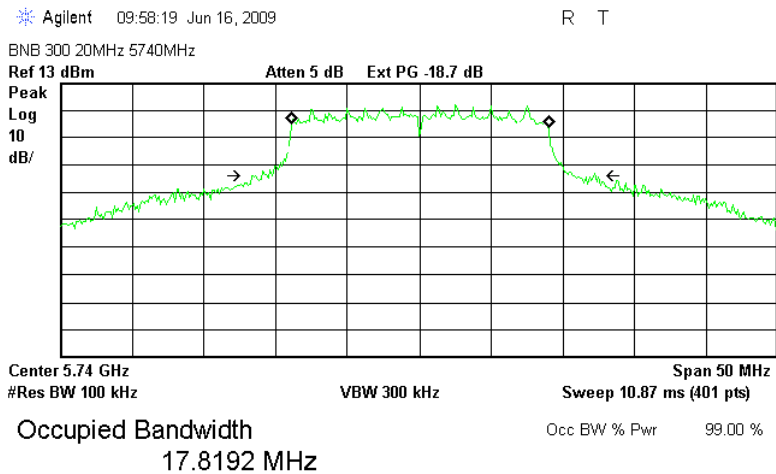
x dB Bandwidth

11.274 MHz

Top 5845MHz

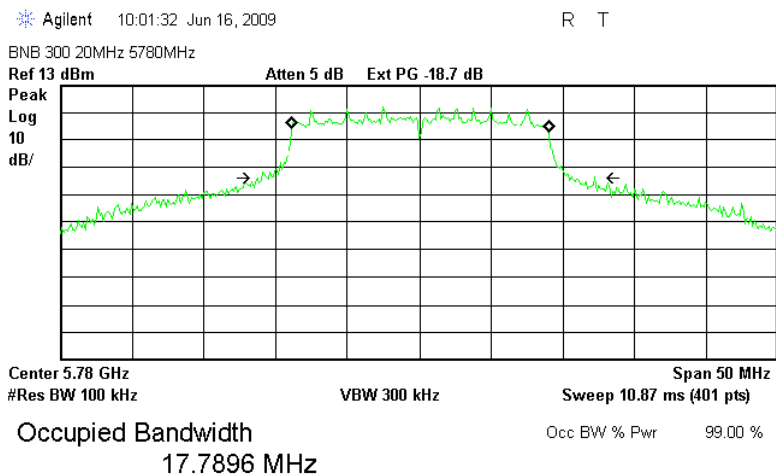
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EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Occupied BW-26dB
Modulation	OFDM
BW	20MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Transmit Freq Error 63.629 kHz
x dB Bandwidth 23.924 MHz

Bottom 5740MHz



Transmit Freq Error 65.085 kHz
x dB Bandwidth 23.232 MHz

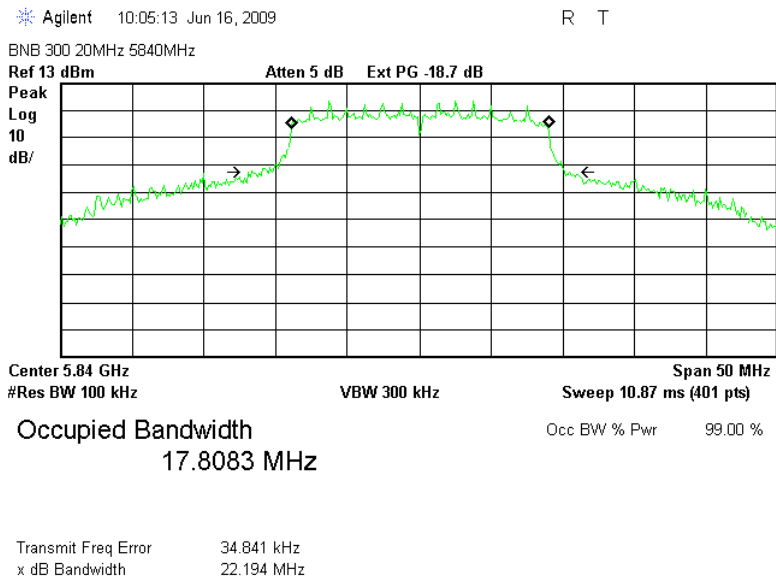
Middle 5780MHz



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BreezeNETB300

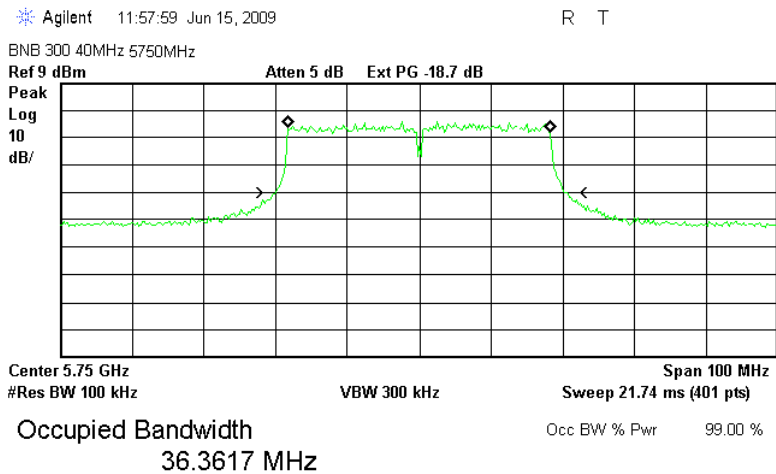
FCCID: LKT-BNETB-49



Top 5840MHz

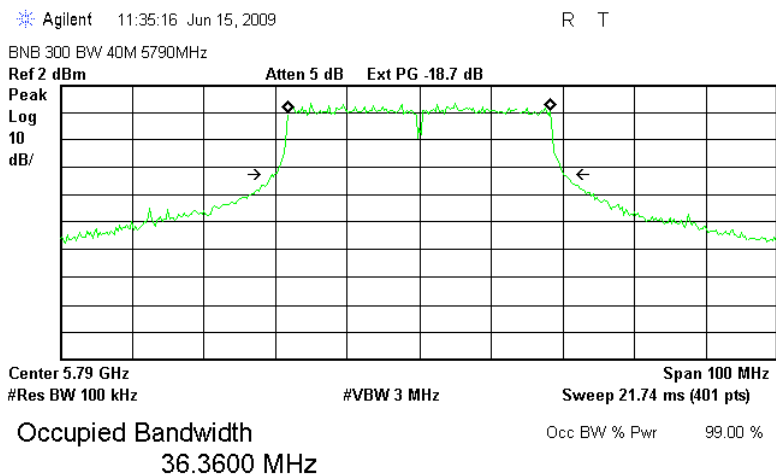
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 www.alvarion.com

EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Occupied BW-26dB
Modulation	OFDM
BW	40MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Transmit Freq Error -27.742 kHz
x dB Bandwidth 40.578 MHz

Bottom 5750MHz



Transmit Freq Error 37.548 kHz
x dB Bandwidth 40.719 MHz

Middle 5790MHz



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BreezeNETB300

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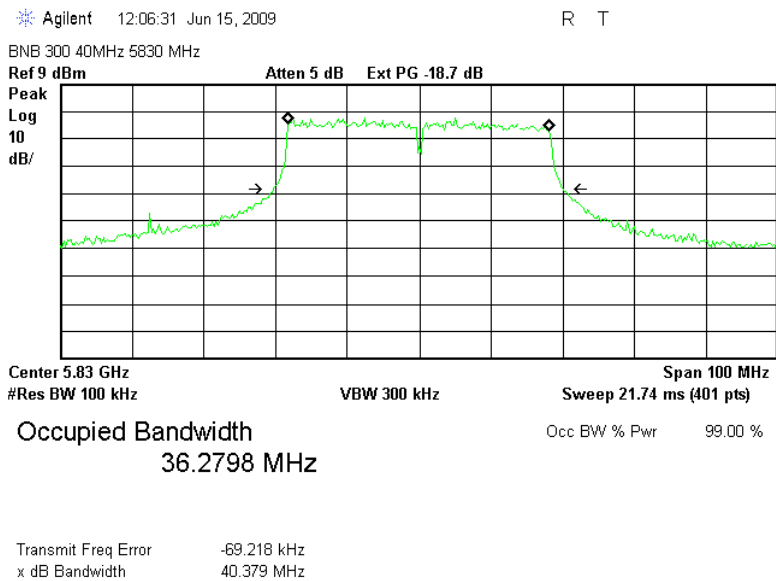
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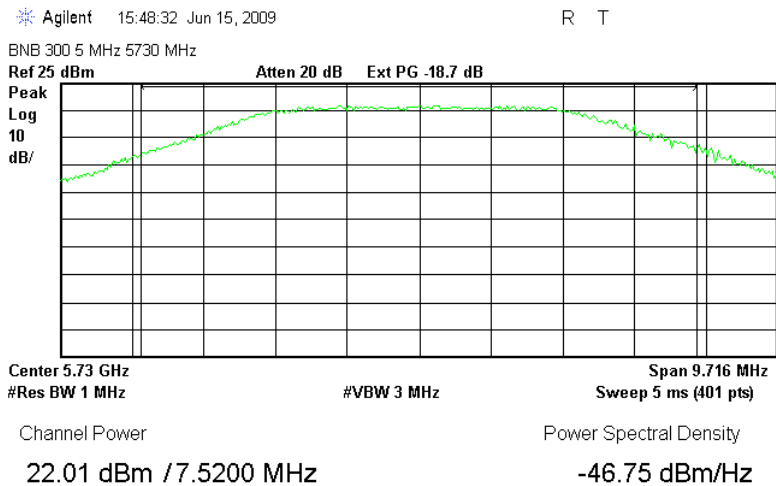
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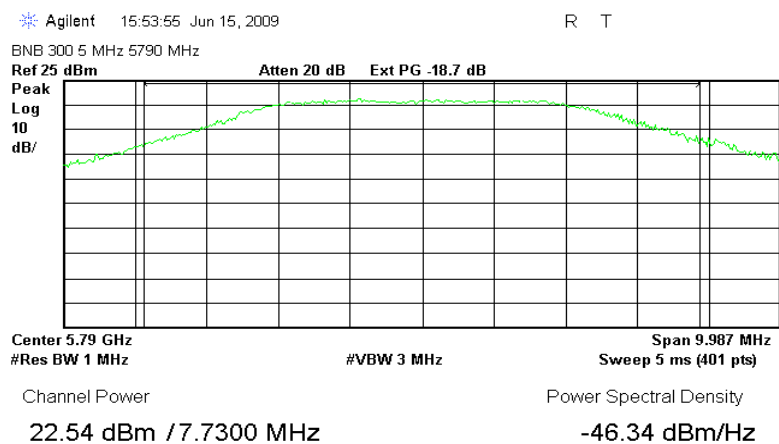
Top 5830MHz

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EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Maximum peak output Power
Modulation	OFDM
BW	5MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Bottom 5730MHz



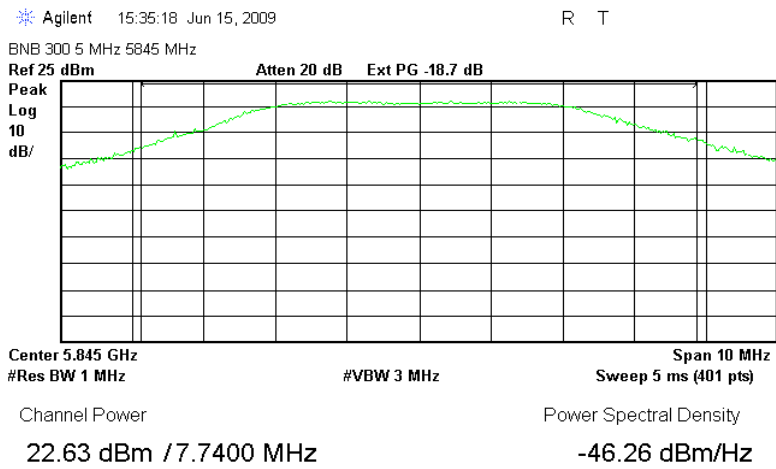
Middle 5790MHz



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BreezeNETB300

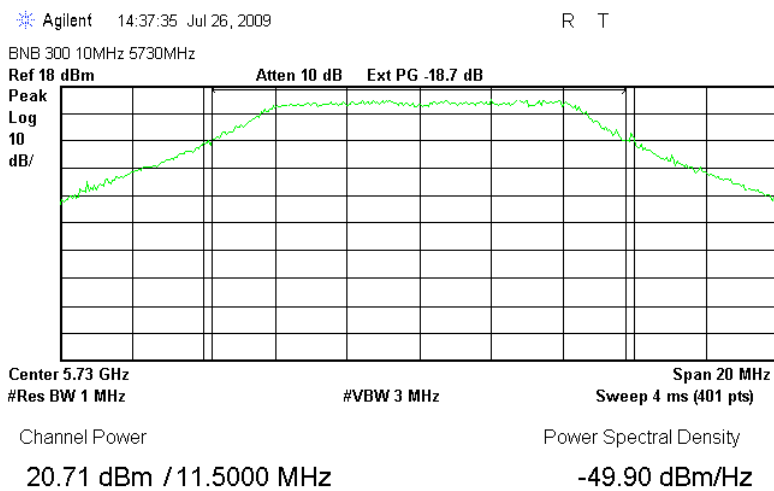
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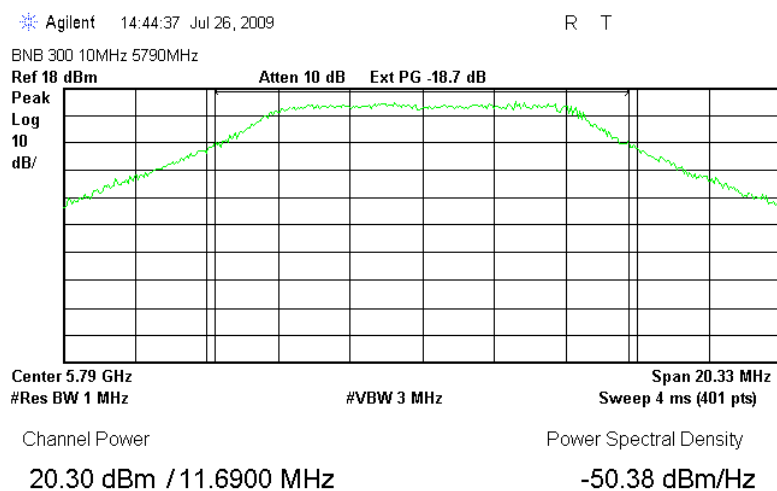
Top 5845MHz

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EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Maximum peak output Power
Modulation	OFDM
BW	10MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Bottom 5730MHz





BreezeNETB300

FCCID: LKT-BNETB-49

Middle 5790MHz

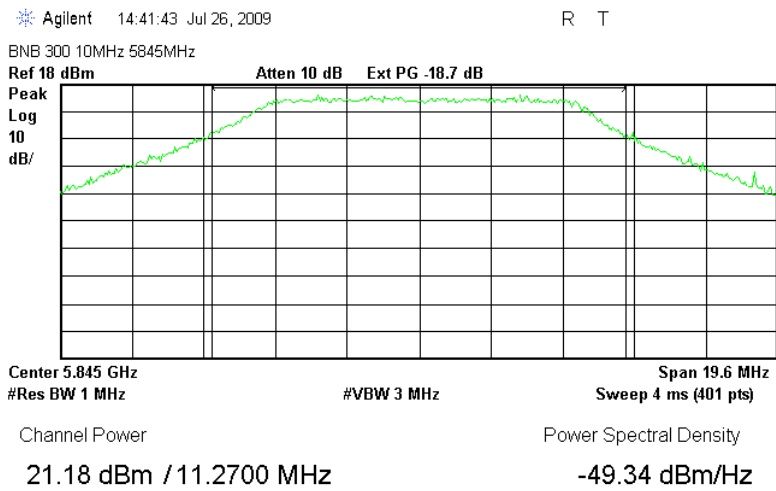
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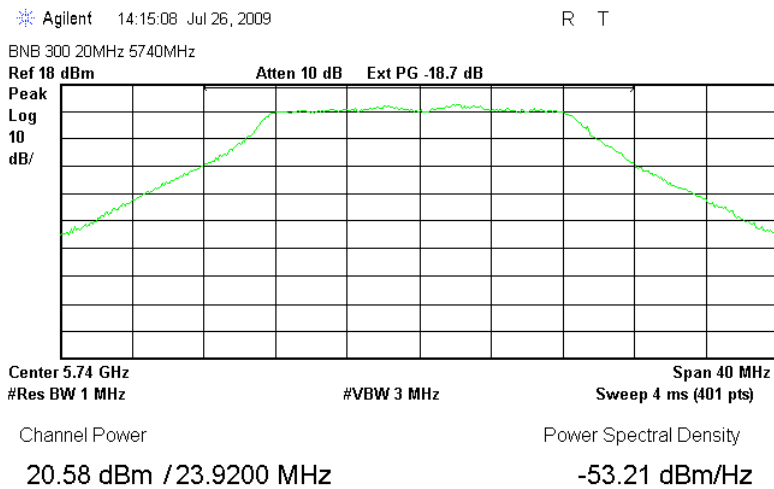
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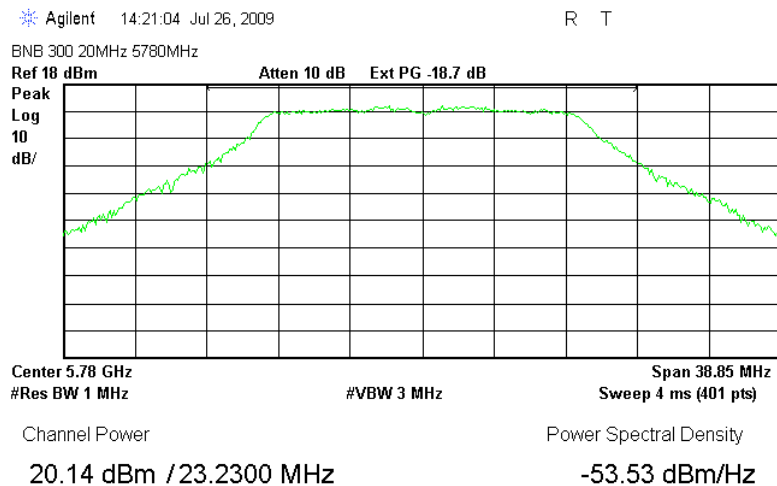
Top 5845MHz

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EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Maximum peak output Power
Modulation	OFDM
BW	20MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Bottom 5740MHz



Middle 5780MHz



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FCCID: LKT-BNETB-49

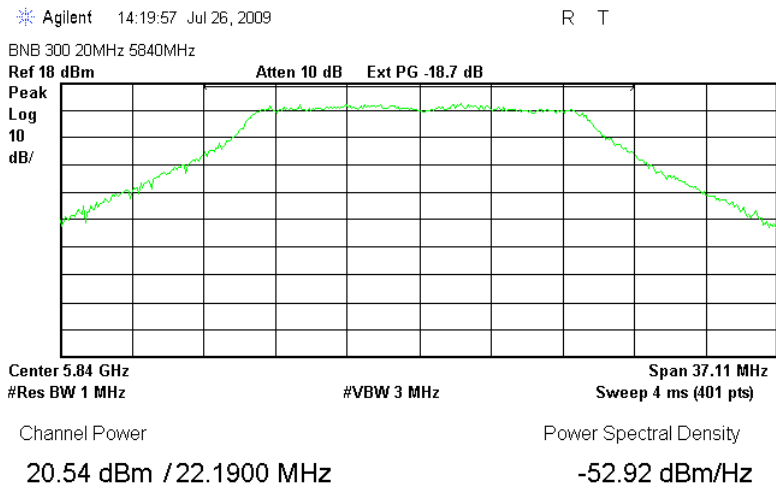
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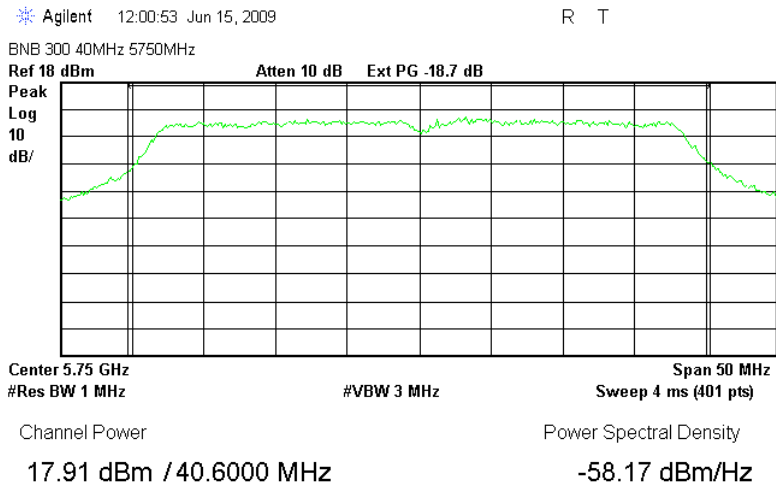
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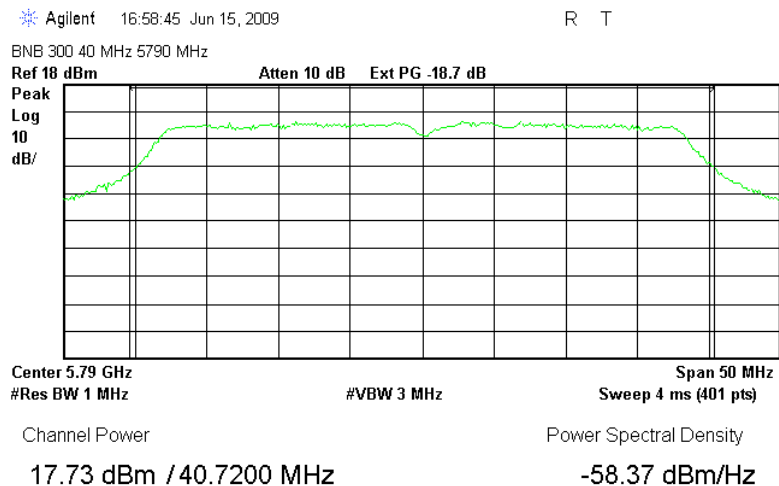
Top 5840MHz

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EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Maximum peak output Power
Modulation	OFDM
BW	40MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Bottom 5750MHz



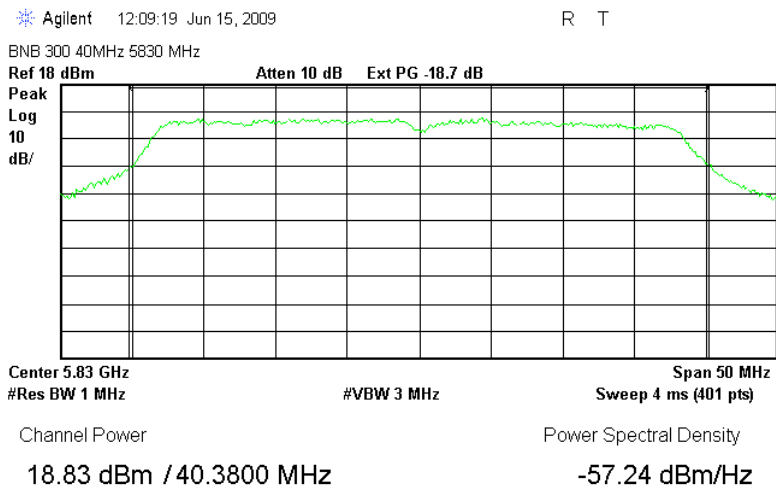
Middle 5790MHz



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BreezeNETB300

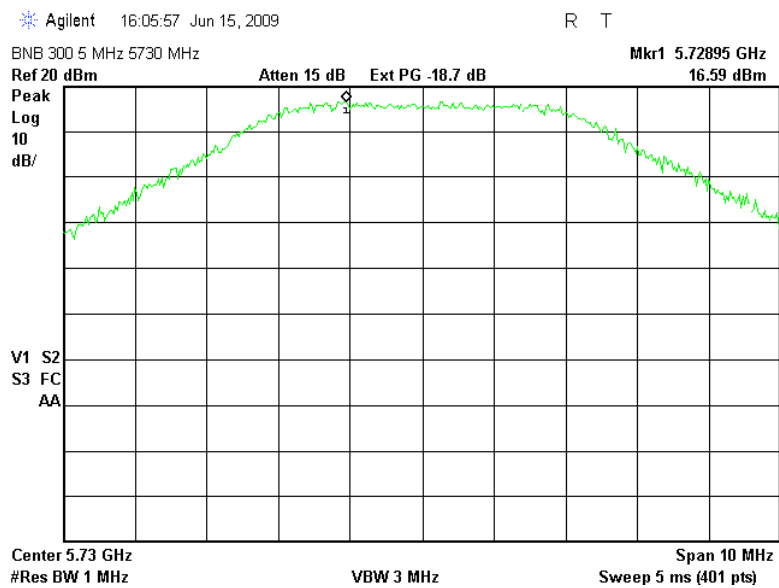
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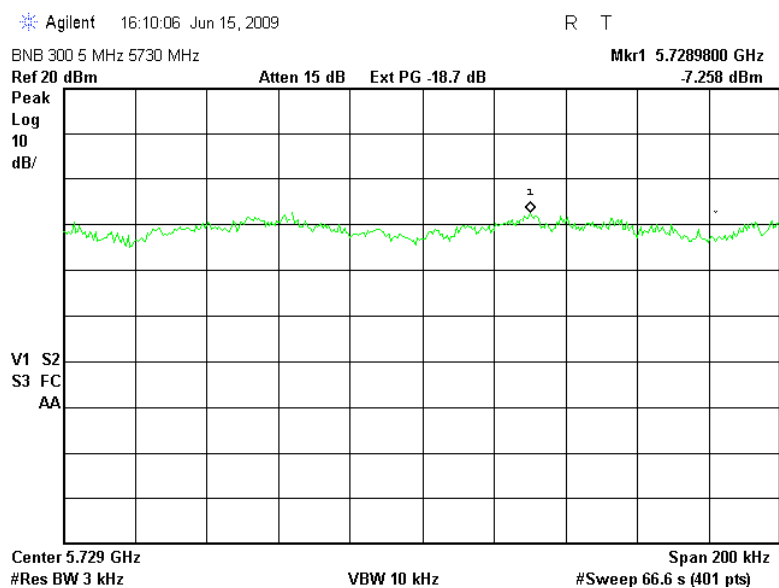
Top 5830MHz

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EUT name	BNB 300 5.8G
Test specification	FCC p.15.247(e)
Test name	Peak power spectral density
Modulation	OFDM
BW	5MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Bottom 5730MHz





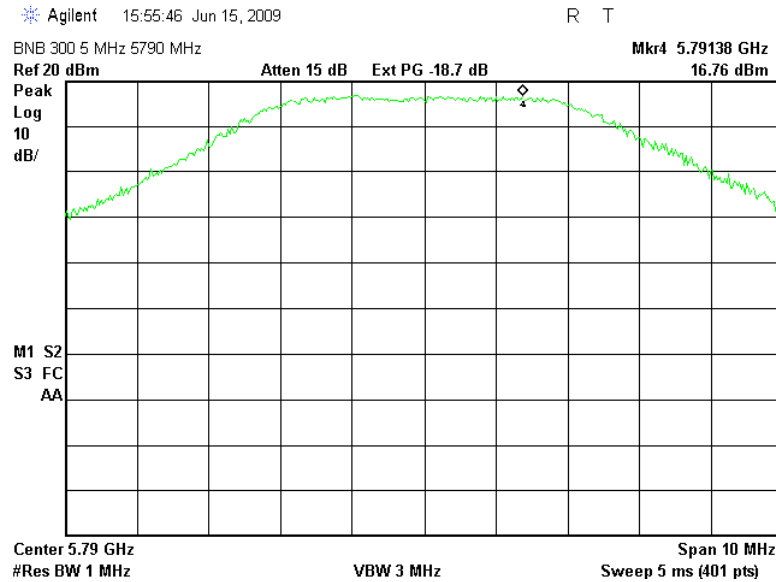
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BreezeNETB300

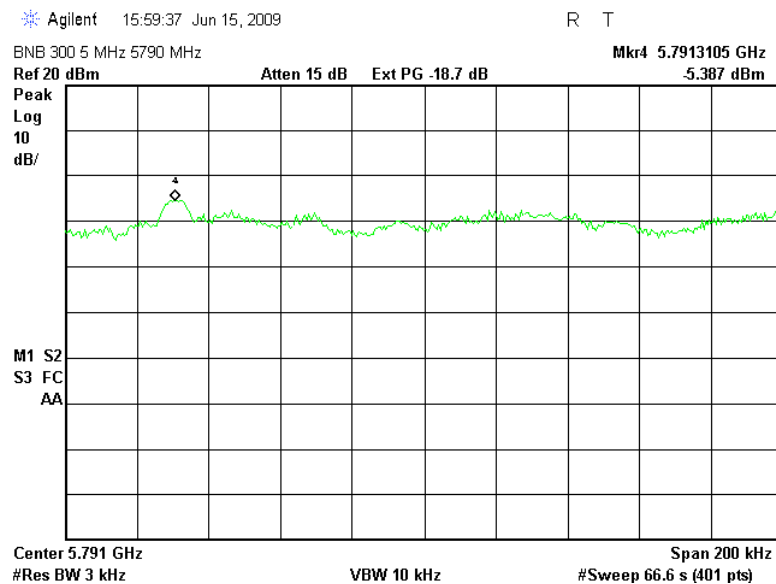
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Bottom 5730MHz zoom

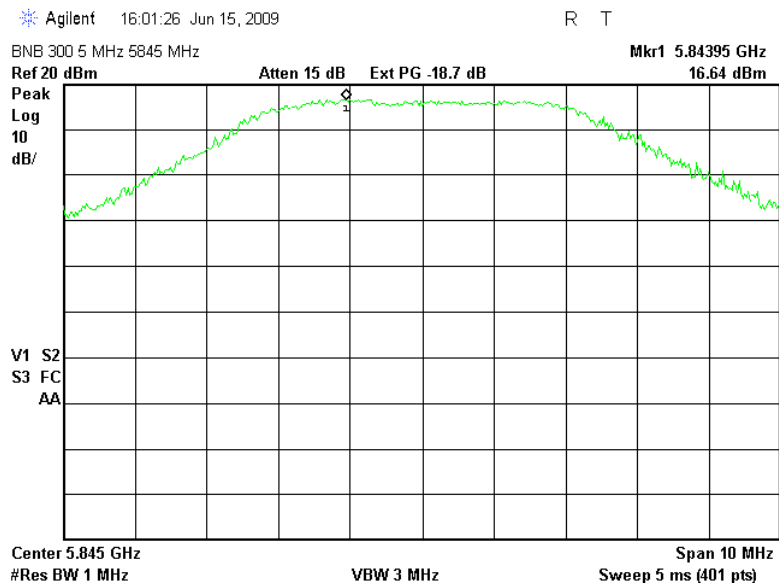
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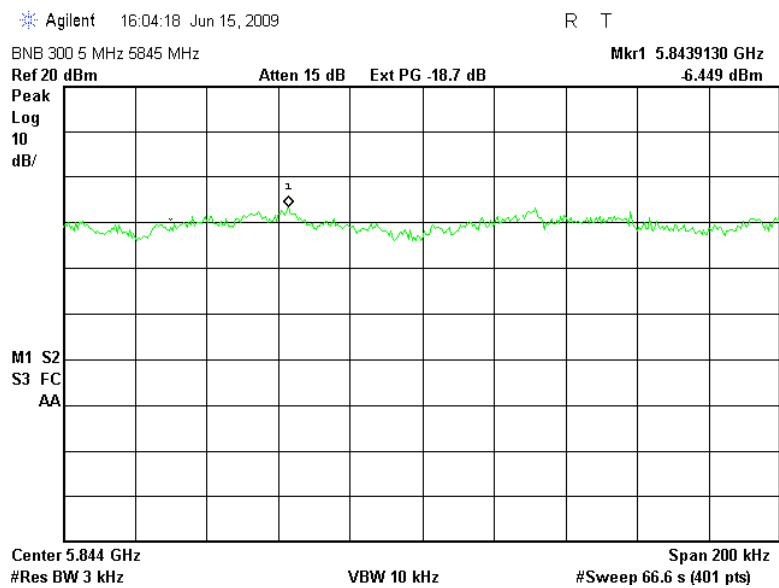
Middle 5790MHz



Middle 5790MHz zoom

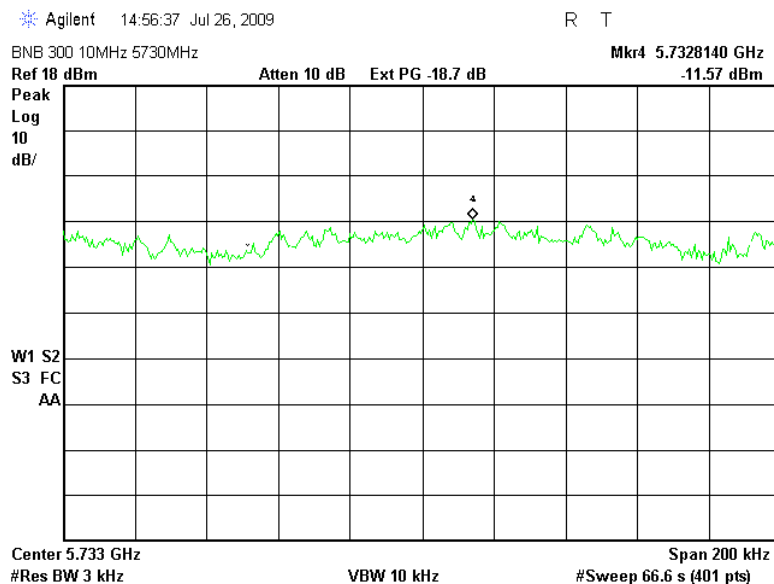
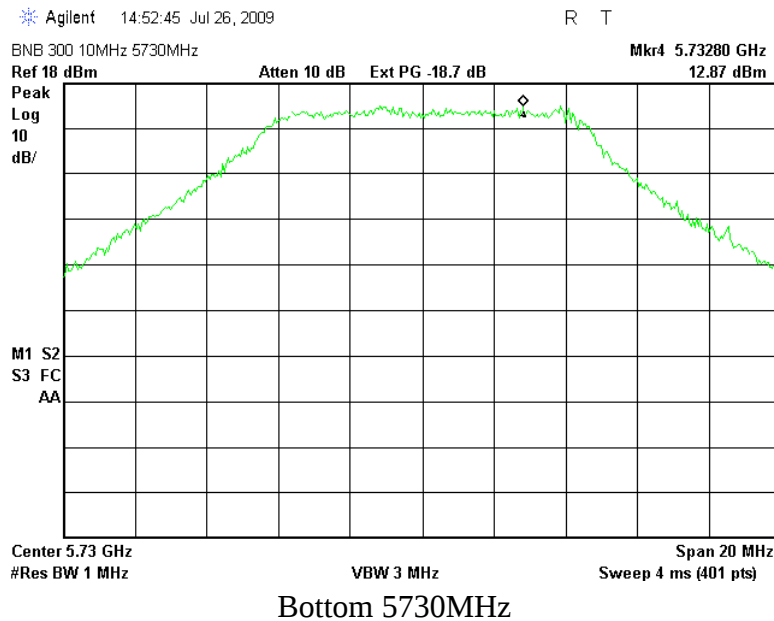


Top 5845MHz



Top 5845MHz zoom

EUT name	BNB 300 5.8G
Test specification	FCC p.15.247(e)
Test name	Peak power spectral density
Modulation	OFDM
BW	10MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508





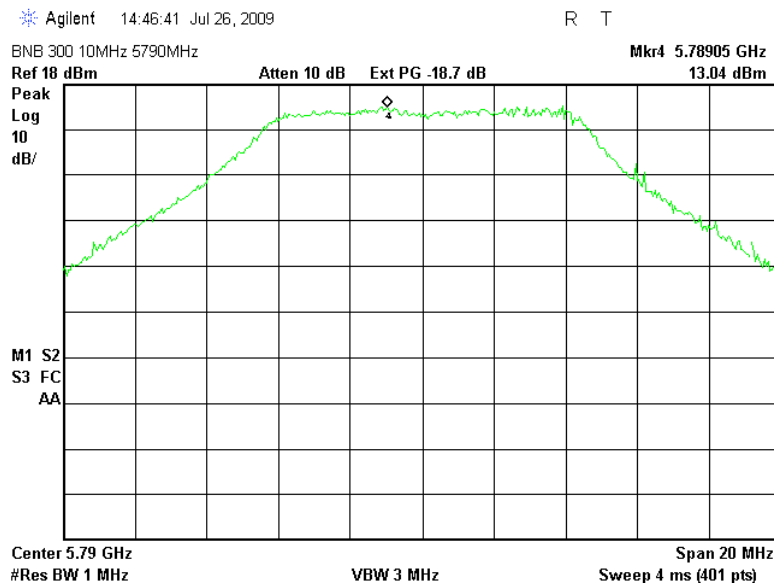
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BreezeNETB300

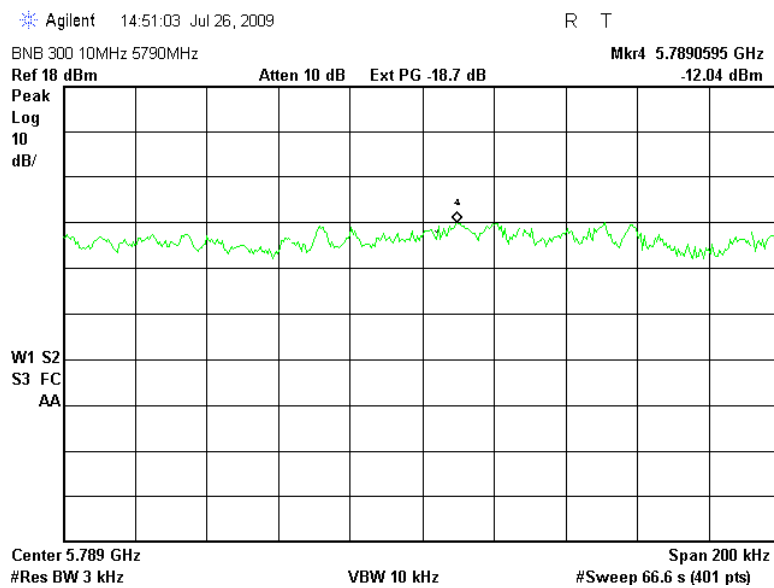
FCCID: LKT-BNETB-49

Bottom 5730MHz

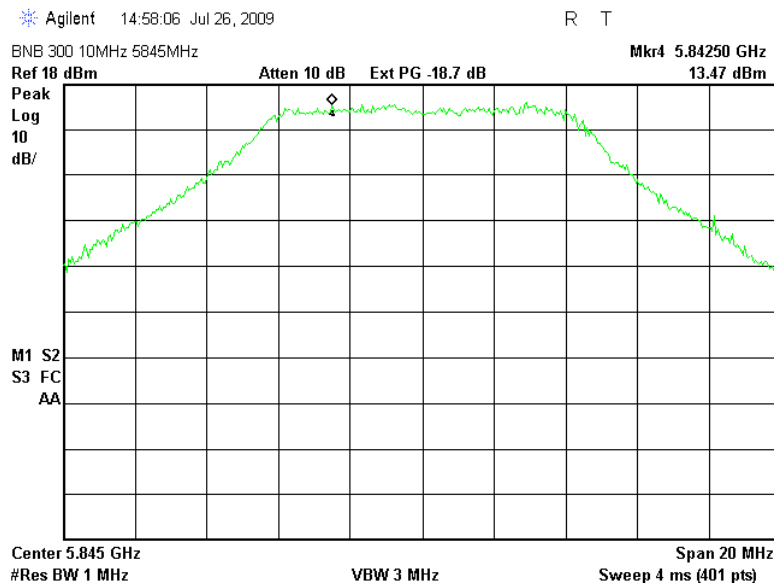
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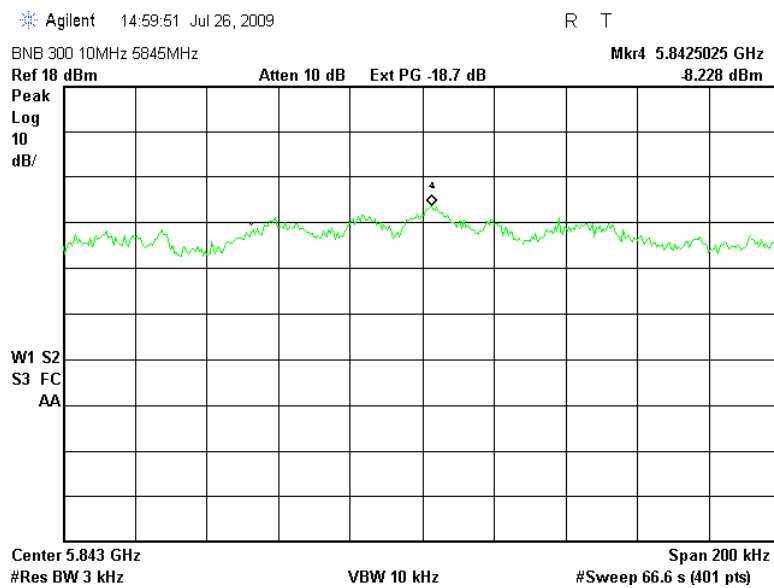
Middle 5790MHz



Middle 5790MHz

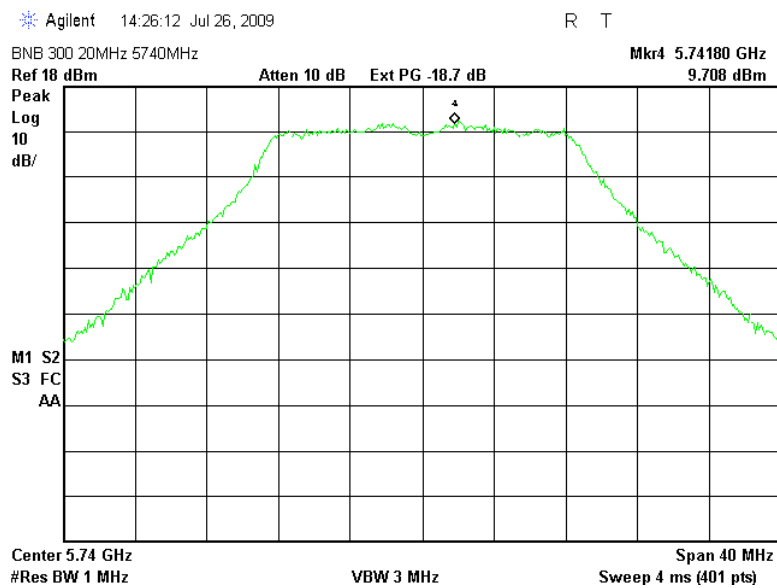


Top 5845MHz

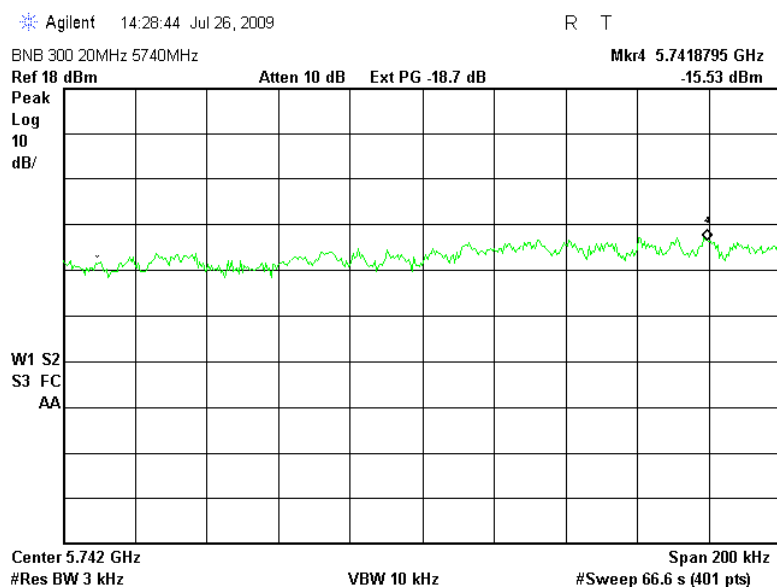


Top 5845MHz

EUT name	BNB 300 5.8G
Test specification	FCC p.15.247(e)
Test name	Peak power spectral density
Modulation	OFDM
BW	20MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Bottom 5740MHz





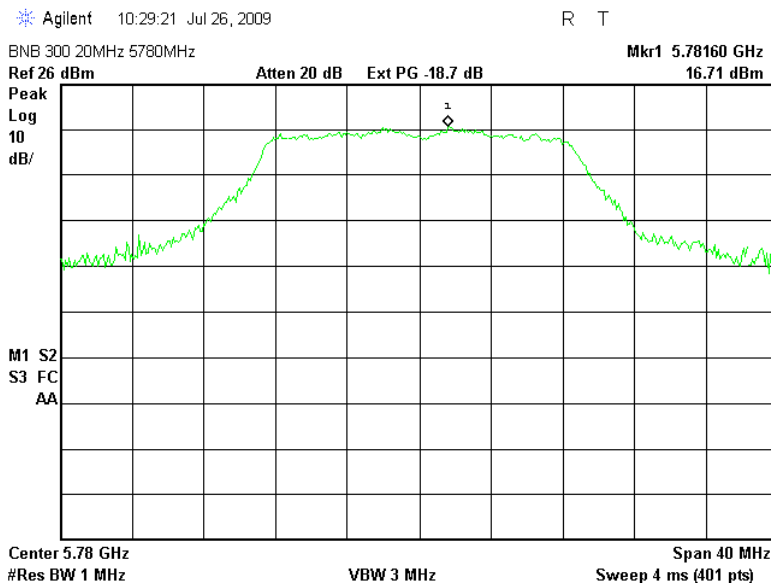
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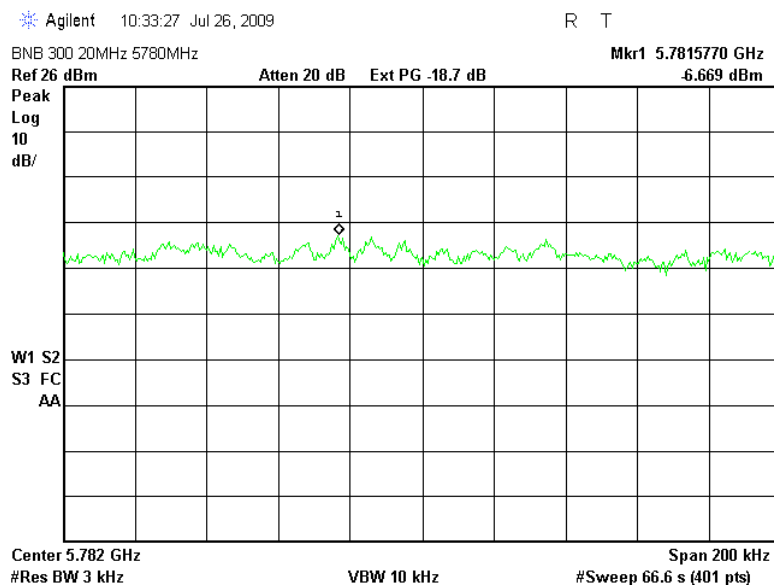
FCCID: LKT-BNETB-49

Bottom 5740MHz

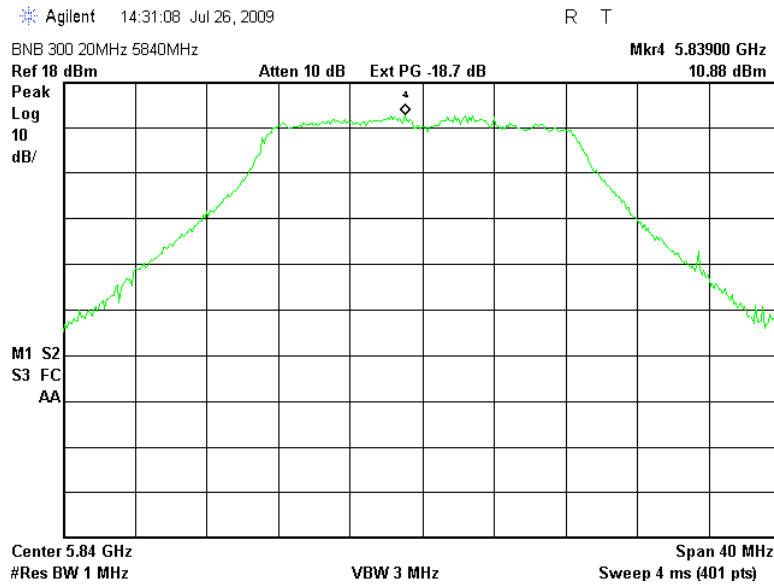
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www.alvarion.com



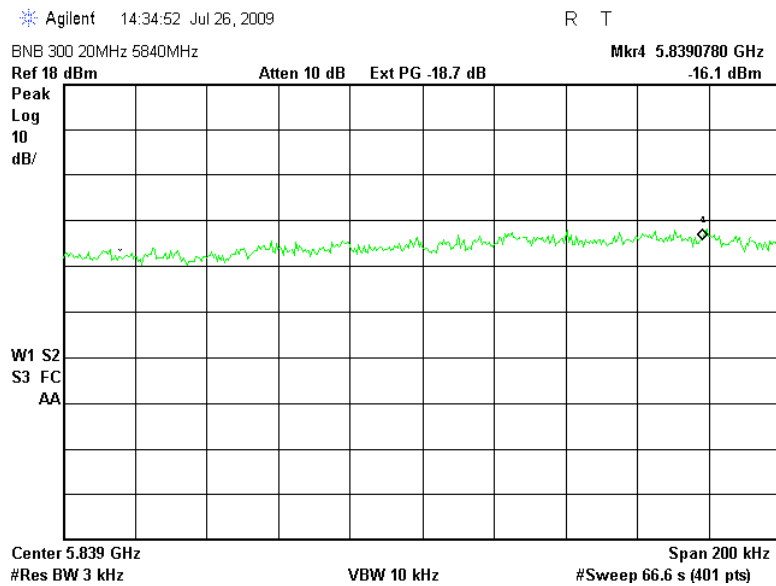
Middle 5780MHz



Middle 5780MHz



Top 5840MHz

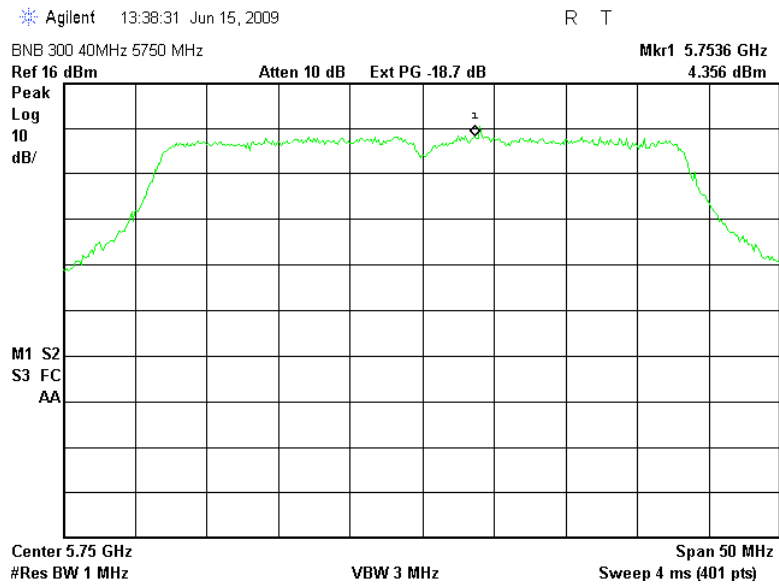


Top 5840MHz

BreezeNETB300

FCCID: LKT-BNETB-49

EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Peak power spectral density
Modulation	OFDM
BW	40MHz
Measured equipment	Agilent E4407B cal. date 5/7/2006 s/n A01508



Bottom 5750MHz



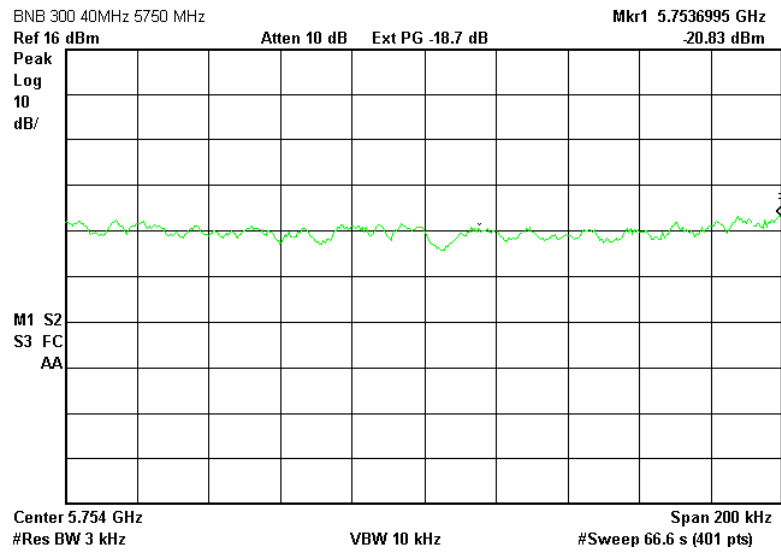
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FCCID: LKT-BNETB-49

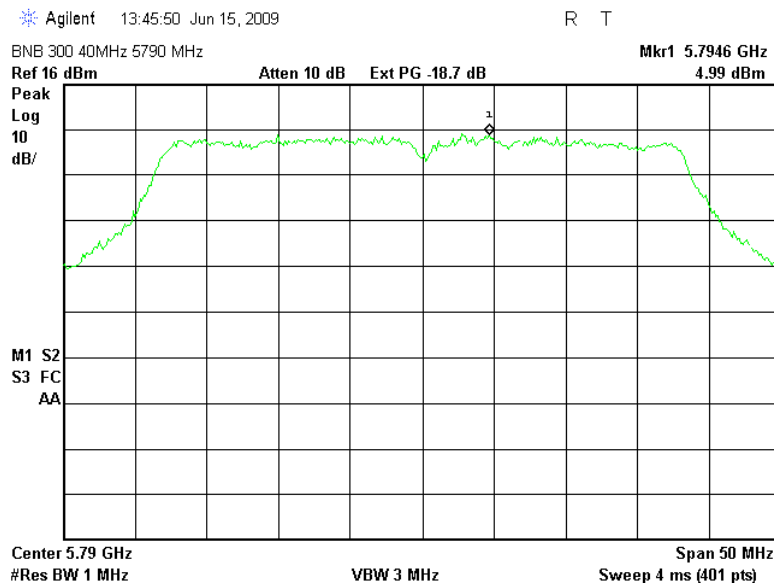
Agilent 13:44:09 Jun 15, 2009

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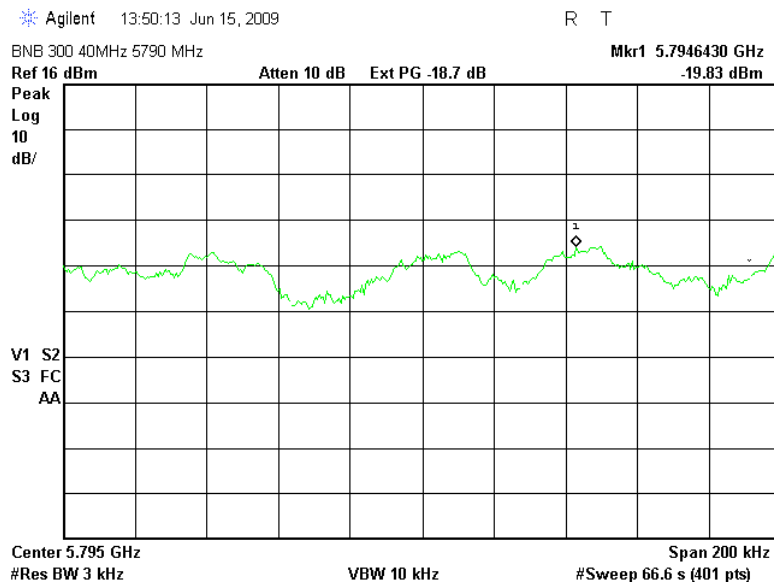


Bottom 5750MHz zoom

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Middle 5790MHz



Middle 5790MHz zoom

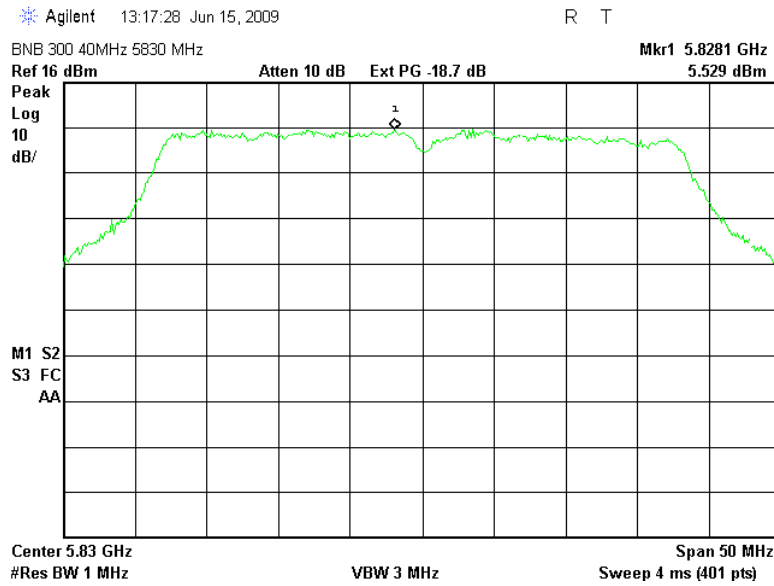


BreezeCOM and Floware unite.

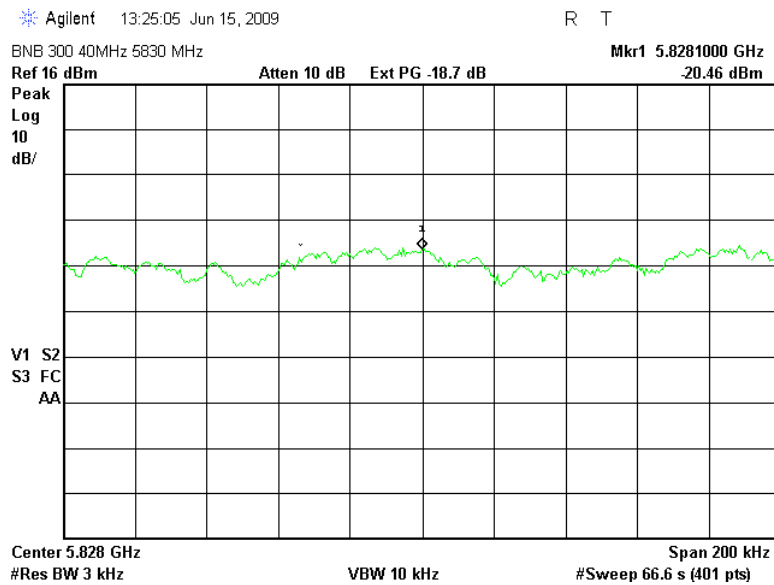
BreezeNETB300

FCCID: LKT-BNETB-49

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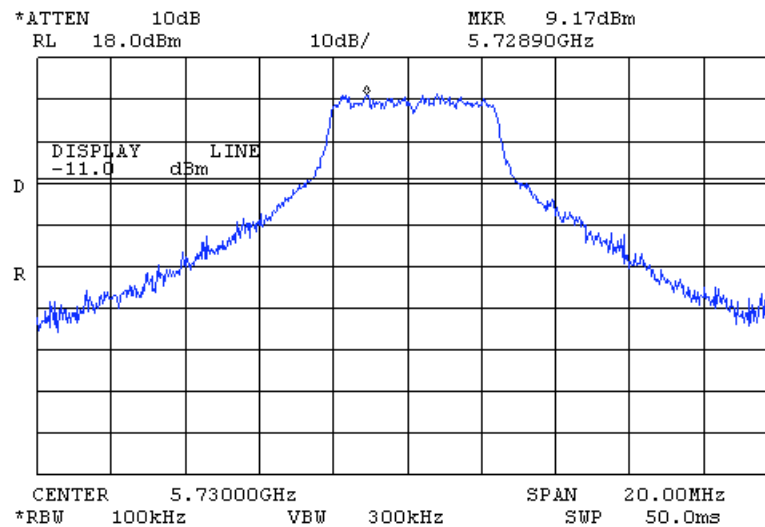


Top 5830MHz



Top 5830MHz zoom

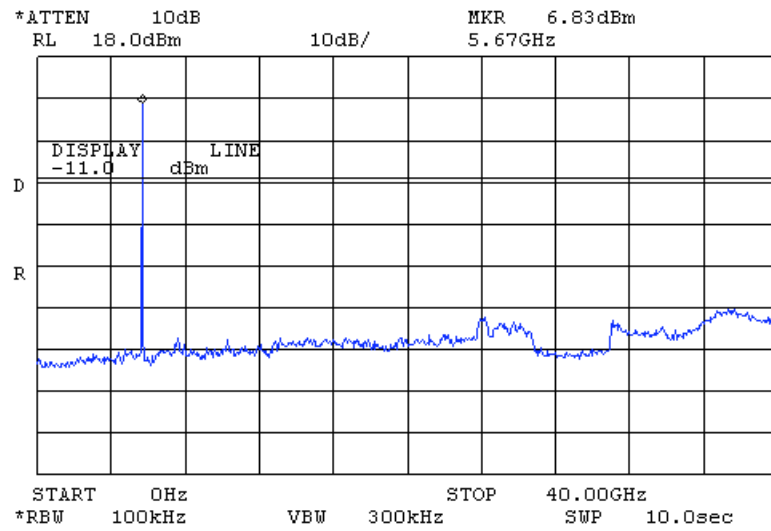
EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Spurious emission
Modulation	OFDM
BW	5MHz
Measured equipment	HP 8564E cal. date 30/6/2008 S/N 3650A00701



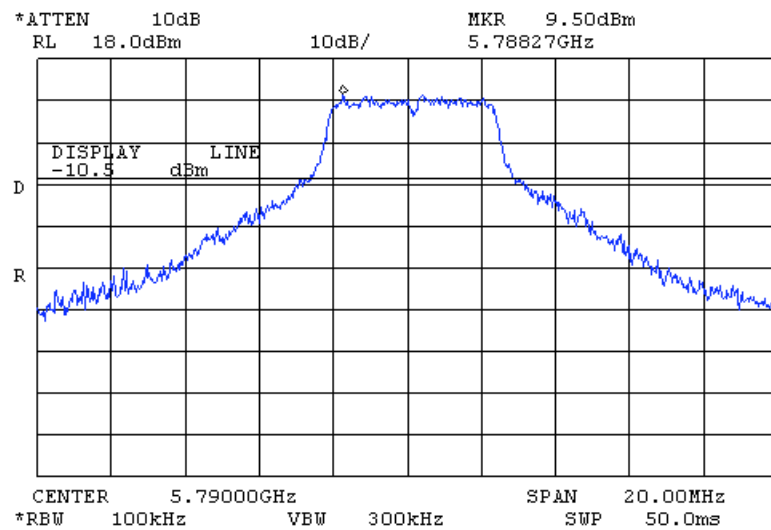
Bottom 5730MHz zoom

BreezeNETB300

FCCID: LKT-BNETB-49



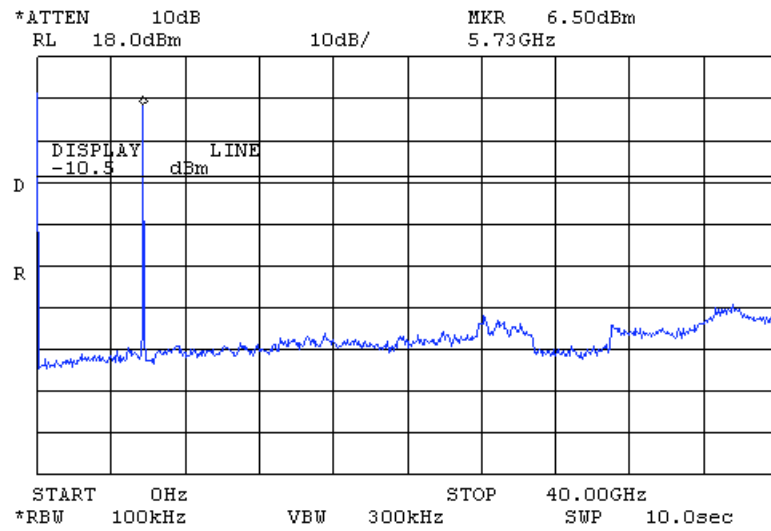
Bottom 5730MHz



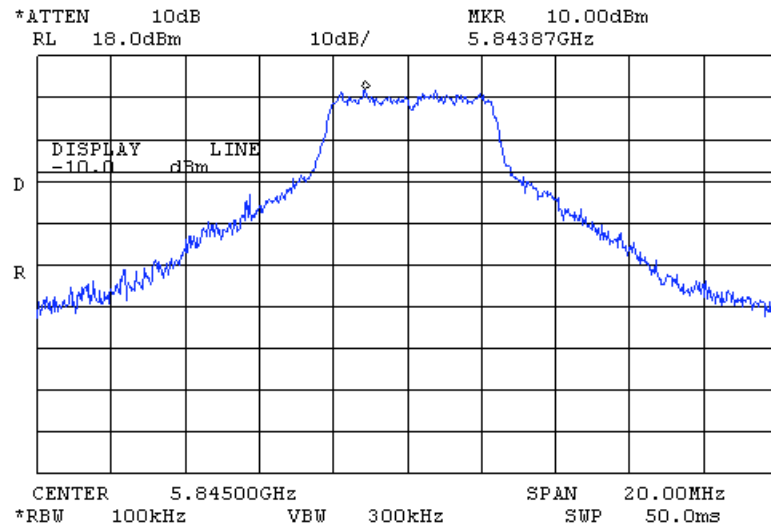
Middle 5790MHz zoom

BreezeNETB300

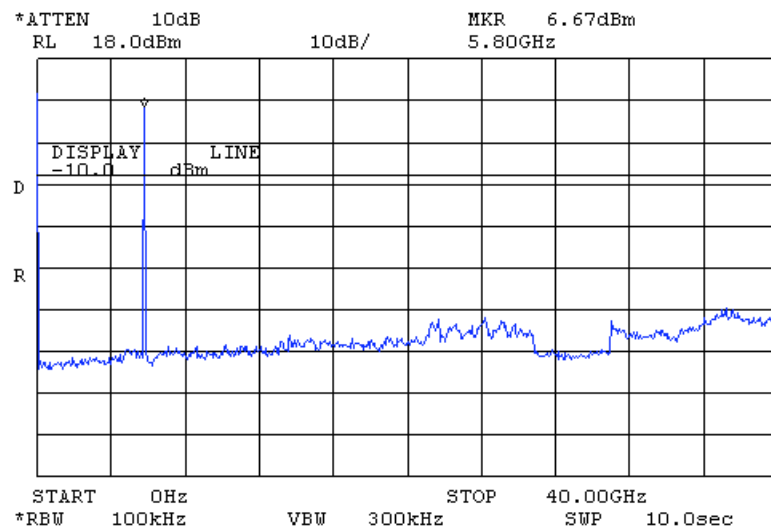
FCCID: LKT-BNETB-49



Middle 5790MHz



Top 5845MHz zoom



Top 5845MHz



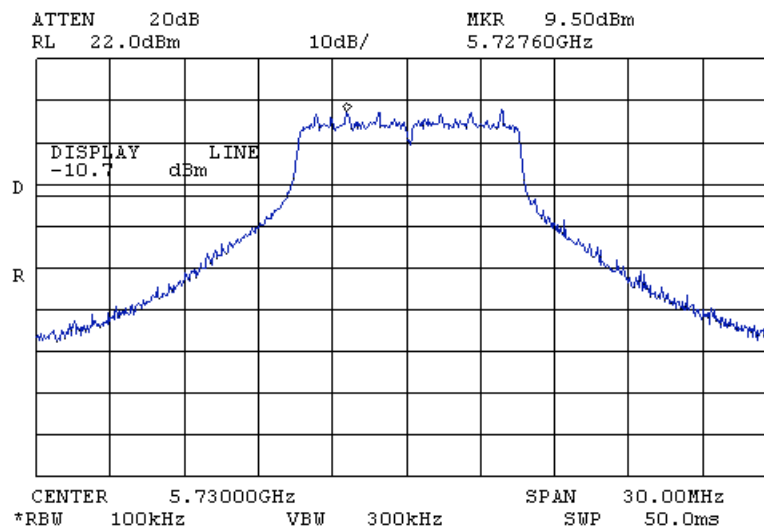
BreezeCOM and Floware unite.

BreezeNETB300

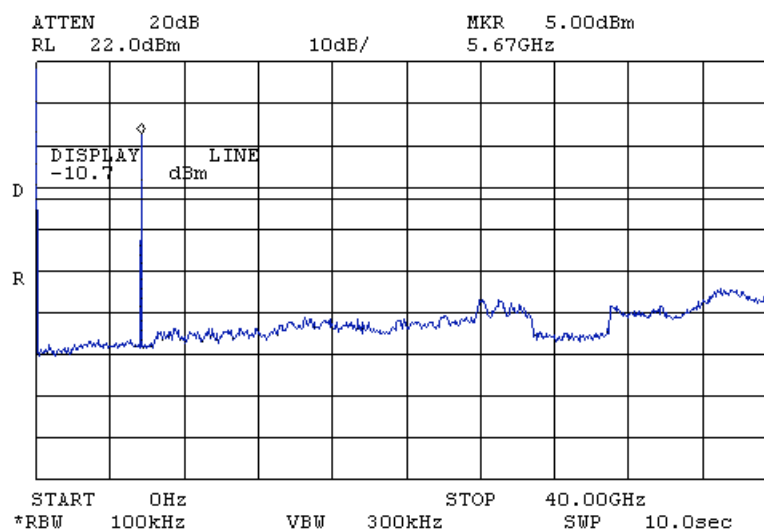
FCCID: LKT-BNETB-49

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EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Spurious emission
Modulation	OFDM
BW	10MHz
Measured equipment	HP 8564E cal. date 30/6/2008 S/N 3650A00701



Bottom 5730MHz zoom





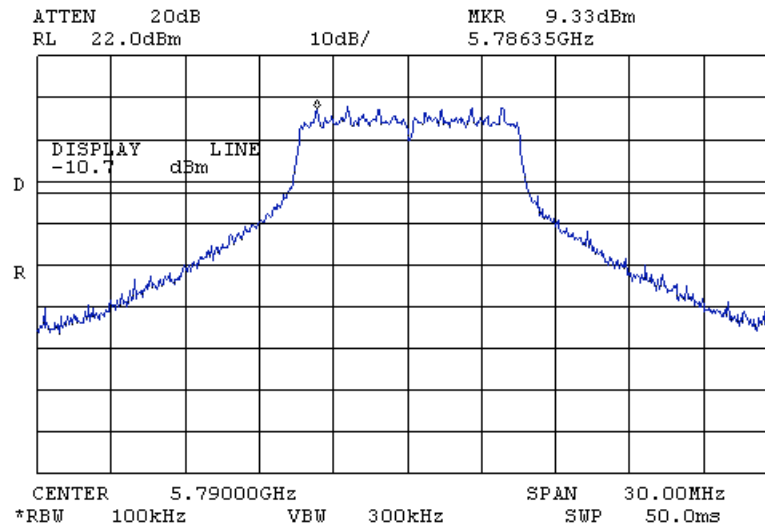
BreezeCOM and Floware unite.

BreezeNETB300

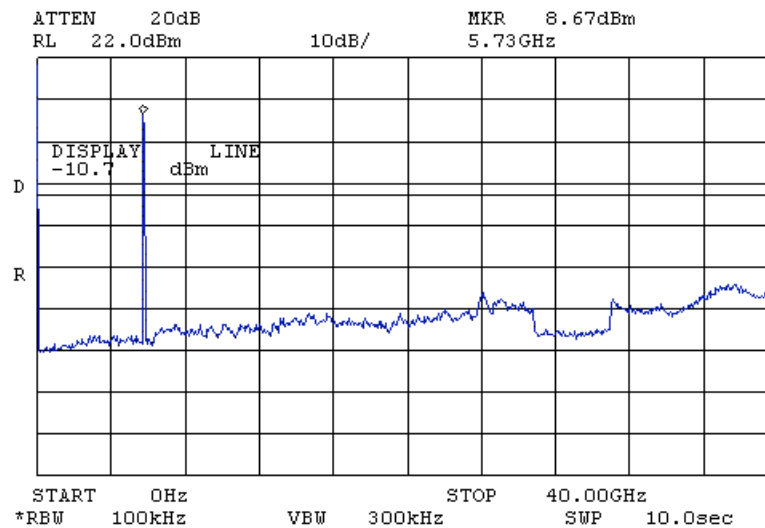
FCCID: LKT-BNETB-49

Bottom 5730MHz

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Middle 5790MHz zoom



Middle 5790MHz

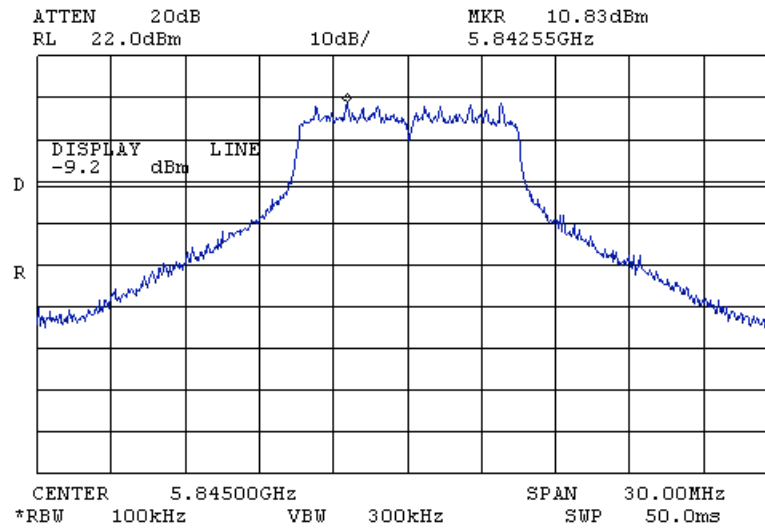


BreezeCOM and Floware unite.

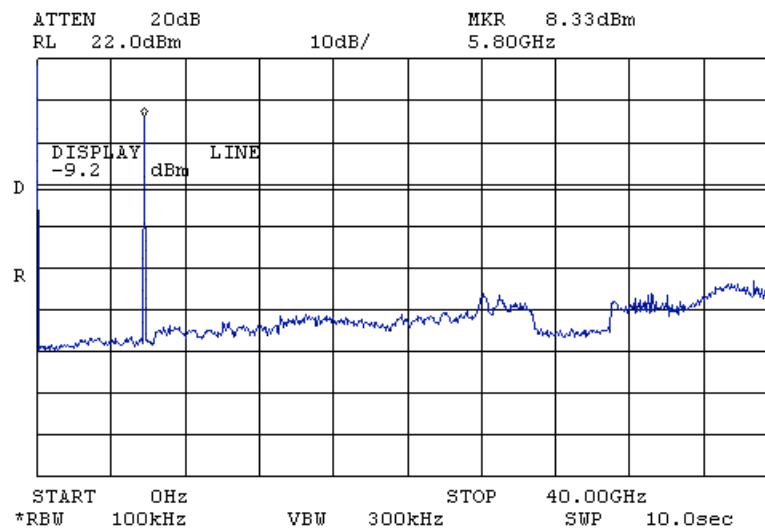
BreezeNETB300

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Top 5845MHz zoom



Top 5845MHz



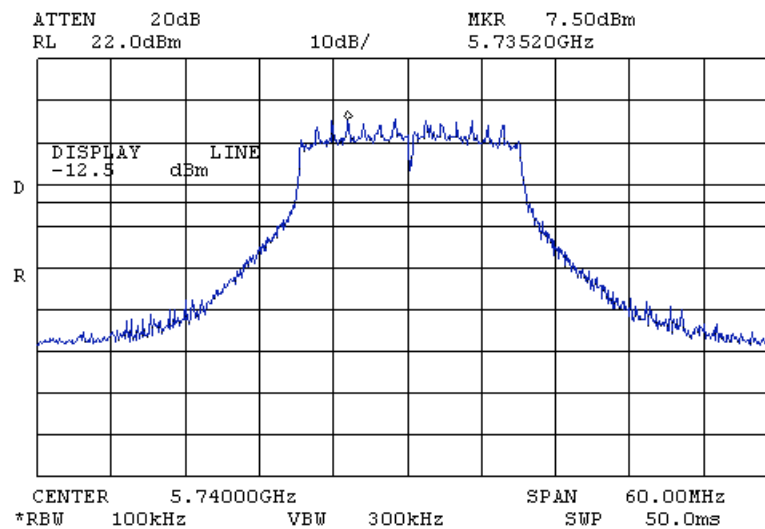
BreezeCOM and Floware unite.

BreezeNETB300

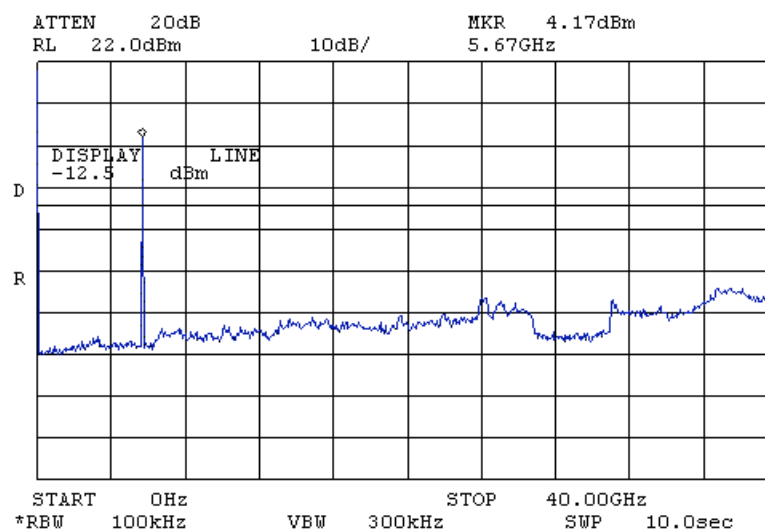
FCCID: LKT-BNETB-49

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EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Spurious emission
Modulation	OFDM
BW	20MHz
Measured equipment	HP 8564E cal. date 30/6/2008 S/N 3650A00701



Bottom 5740MHz zoom



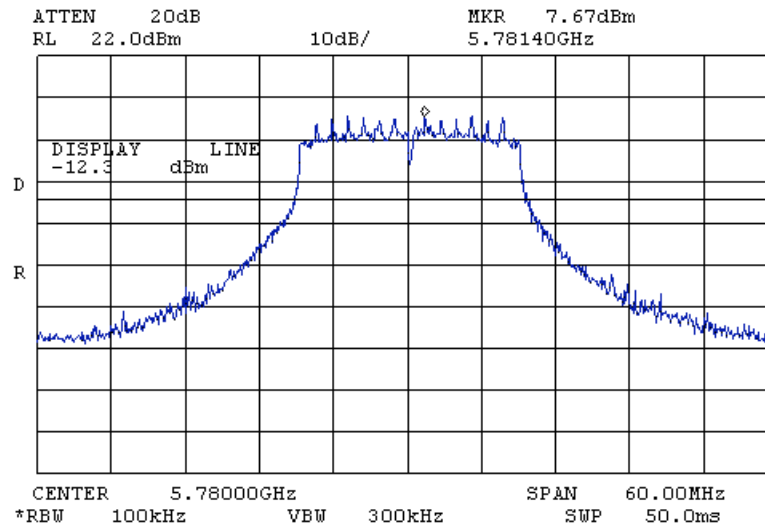


BreezeNETB300

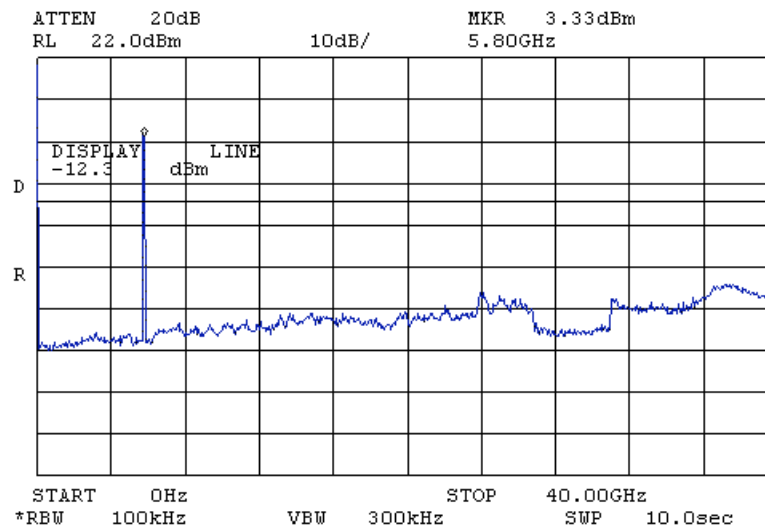
FCCID: LKT-BNETB-49

Bottom 5740MHz

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Middle 5780MHz zoom



Middle 5780MHz

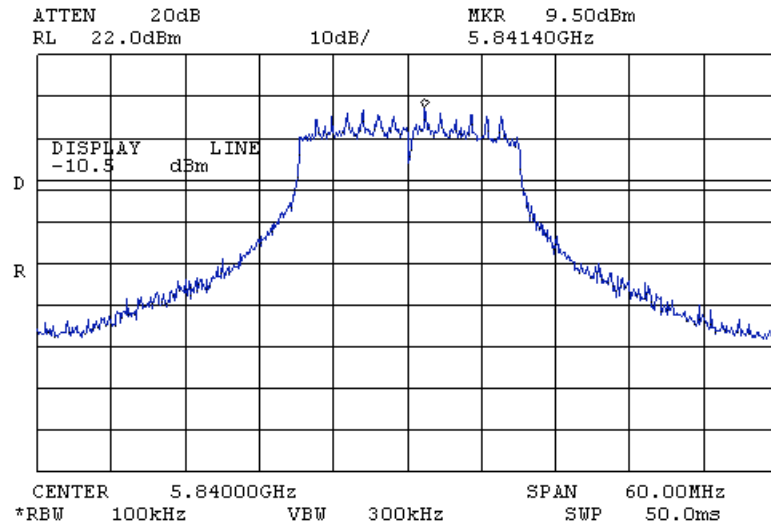


BreezeCOM and Floware unite.

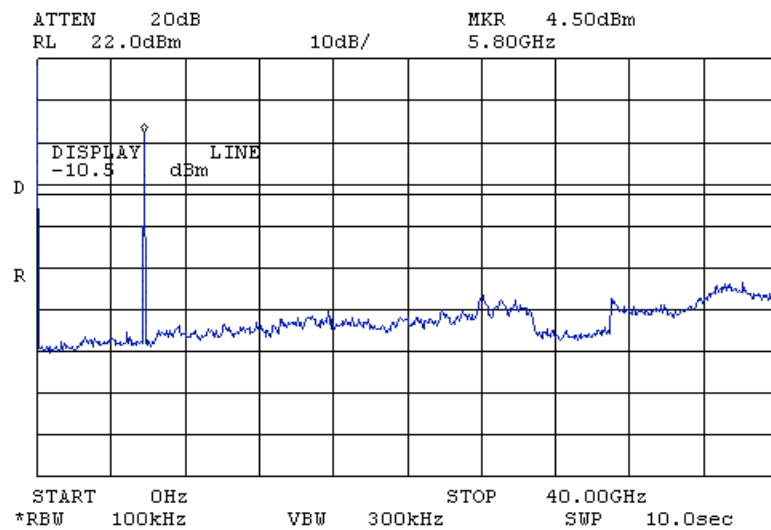
BreezeNETB300

FCCID: LKT-BNETB-49

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Top 5840MHz zoom



Top 5840MHz



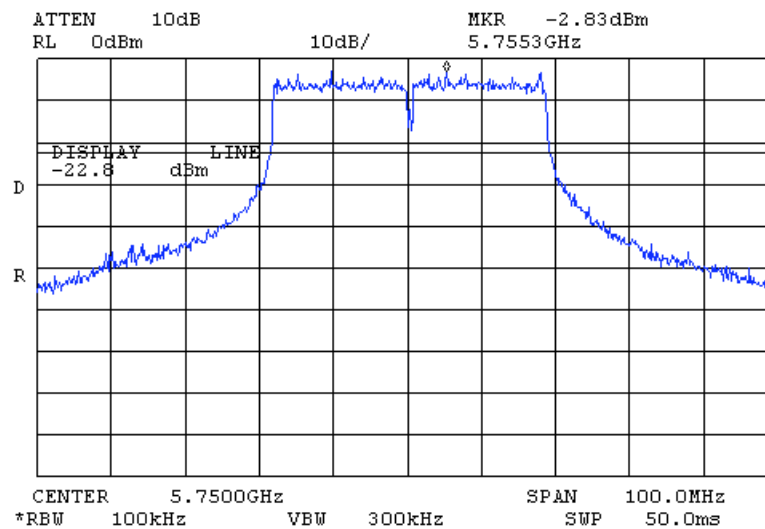
BreezeCOM and Floware unite.

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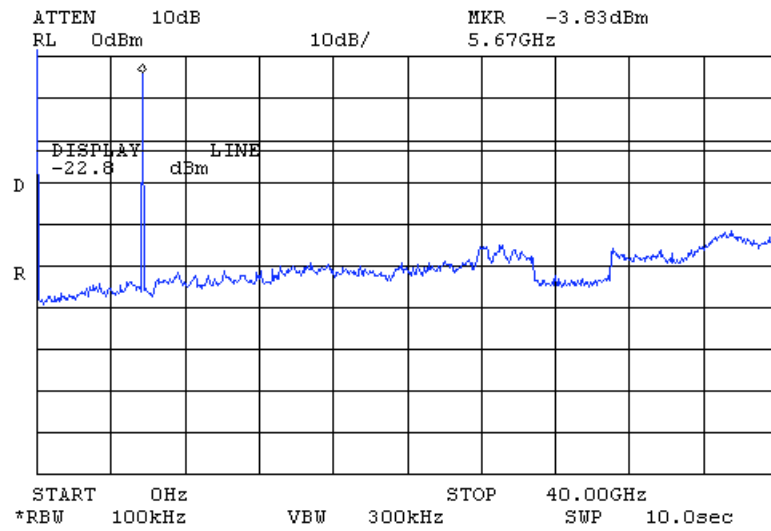
EUT name	BNB 300 5.8G
Test specification	FCC p.15.247
Test name	Spurious emission
Modulation	OFDM
BW	40MHz
Measured equipment	HP 8564E cal. date 30/6/2008 S/N 3650A00701



Bottom 5750MHz zoom

BreezeNETB300

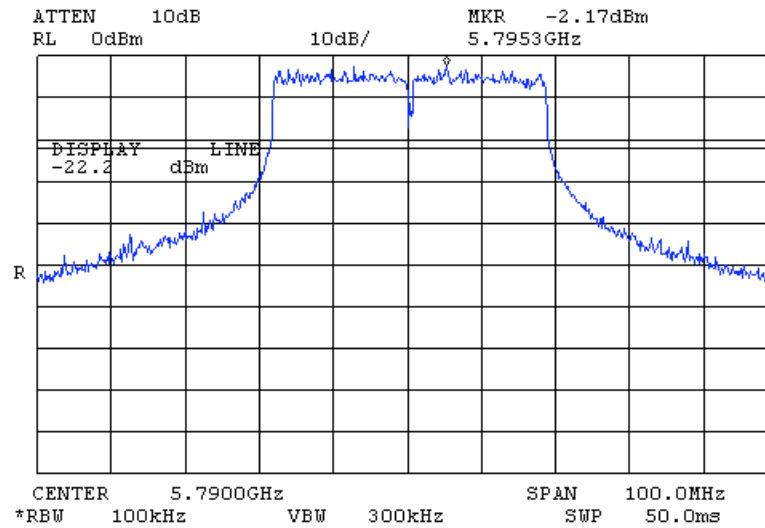
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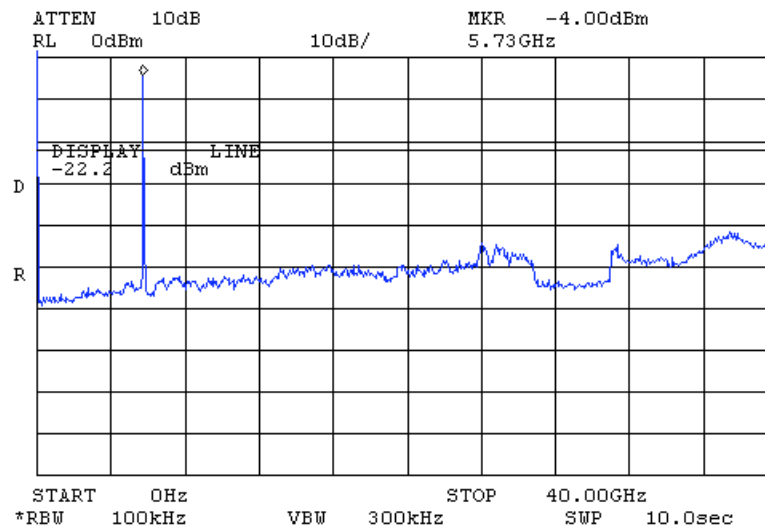
Bottom 5750MHz

BreezeNETB300

FCCID: LKT-BNETB-49



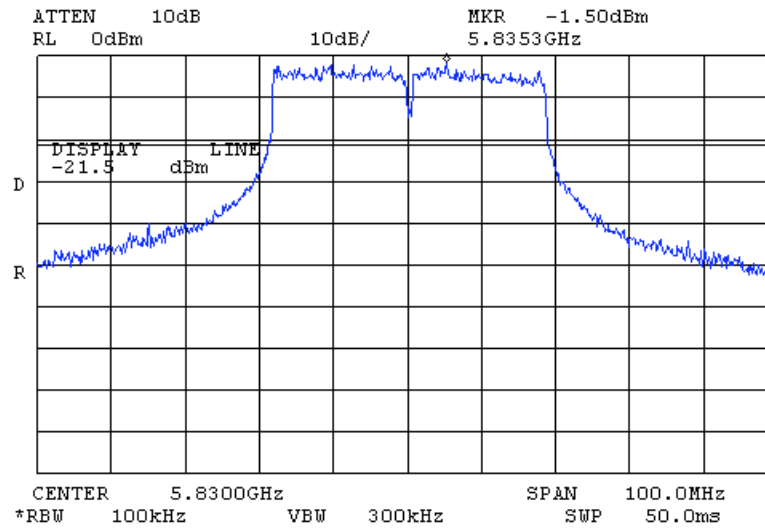
Middle 5790MHz zoom



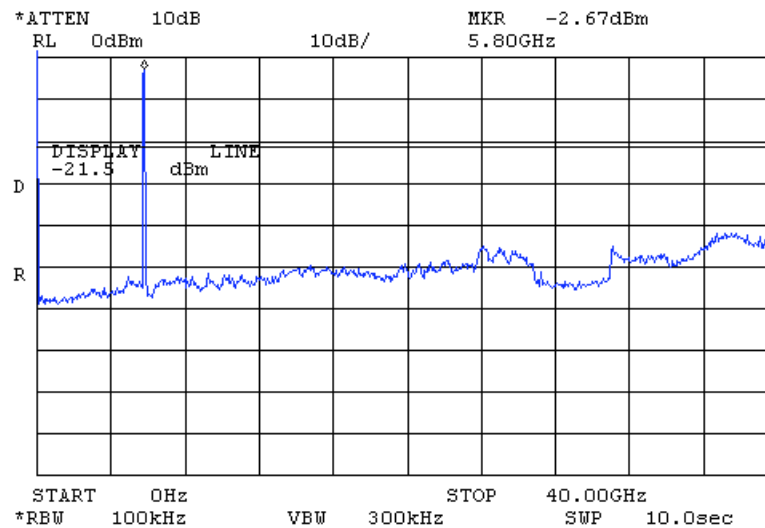
Middle 5790MHz

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FCCID: LKT-BNETB-49



Top 5830MHz zoom



Top 5830MHz



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