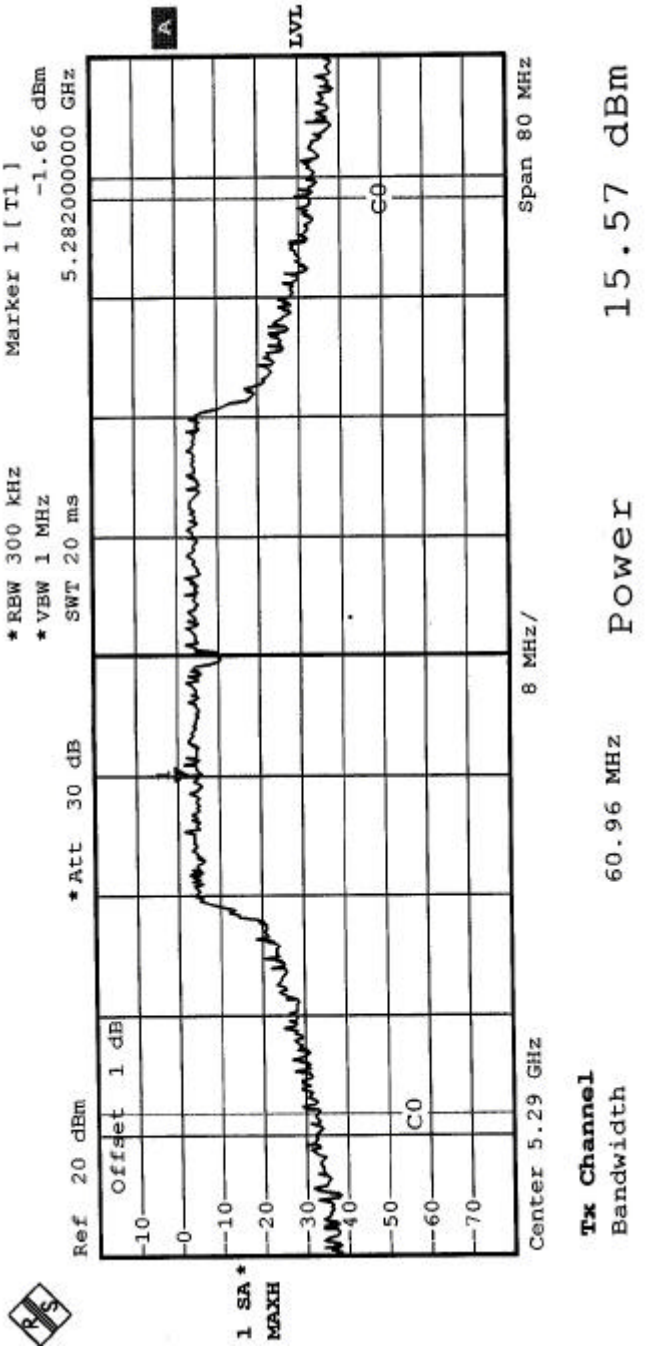
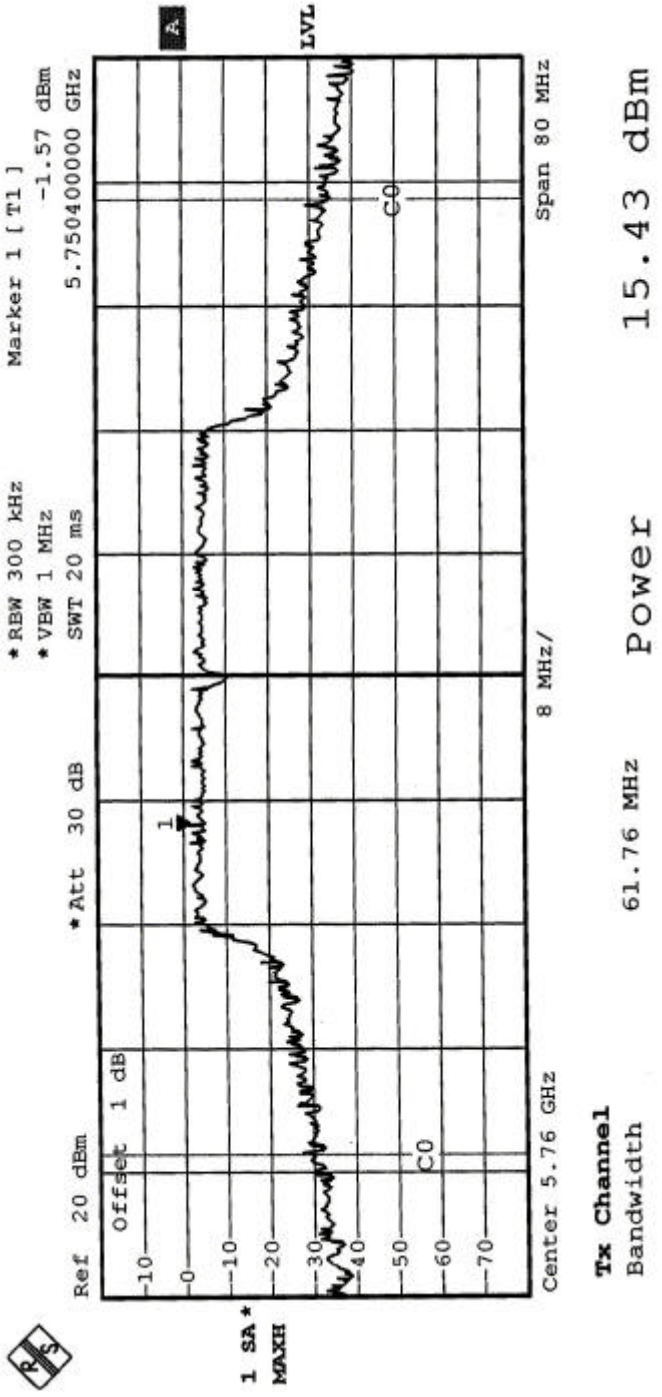
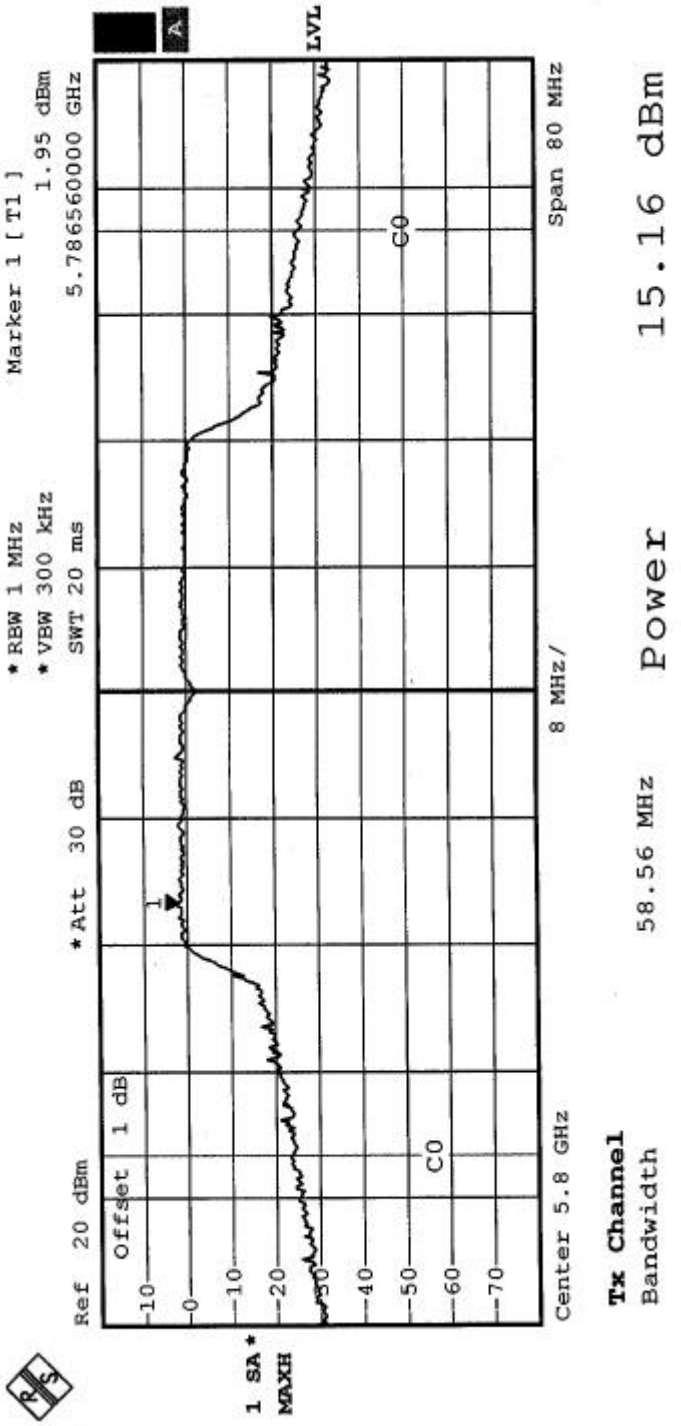
CHANNEL 3


Marker 1 [T1]
-1.66 dBm
5.282000000 GHz
*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
*Att 30 dB
Offset 1 dB
Ref 20 dBm
Center 5.29 GHz
8 MHz/
Span 80 MHz
1 SA*
MAXH
A
LVL
C0
Tx Channel
Bandwidth
60.96 MHz
Power
15.57 dBm

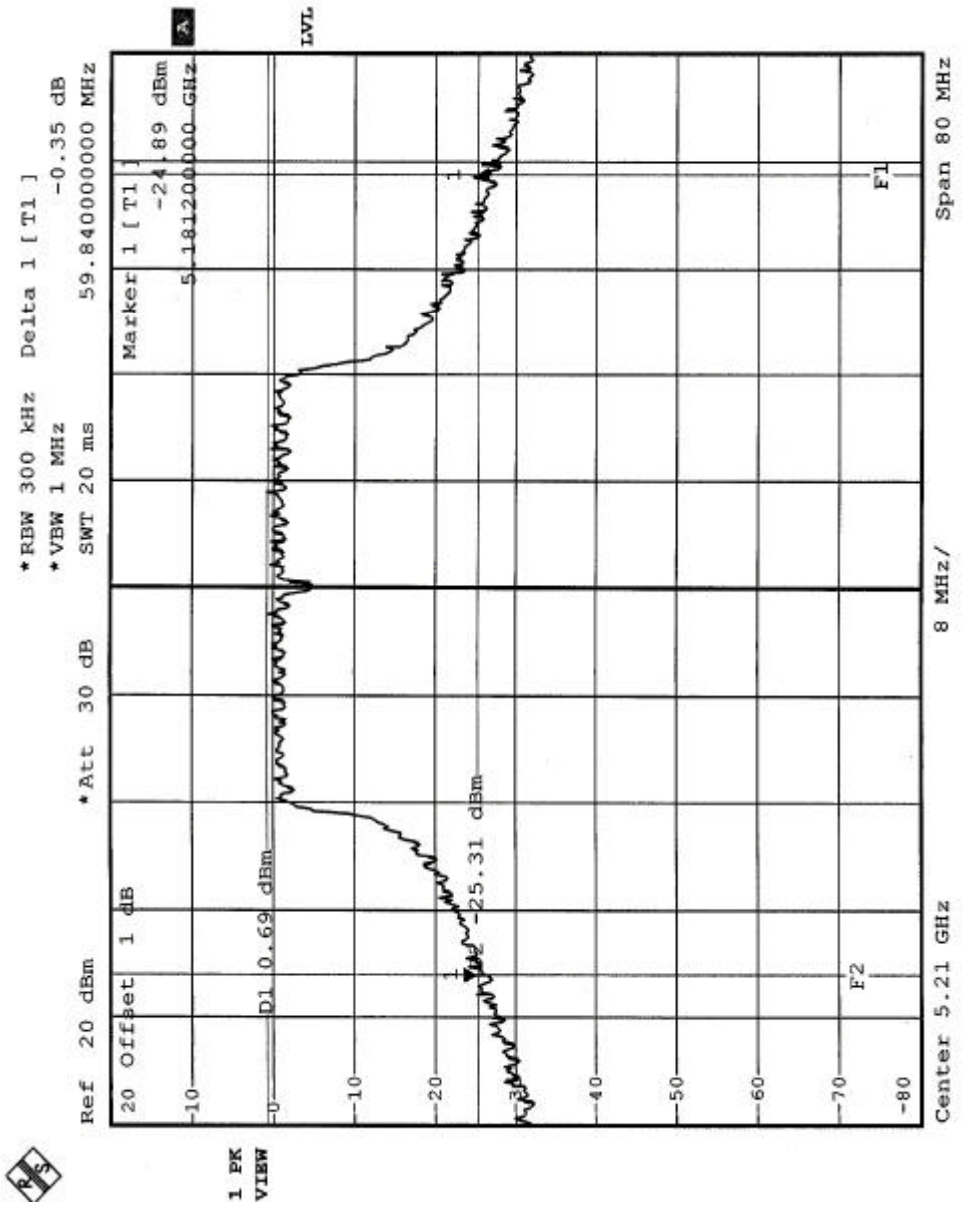
CHANNEL 4


Marker 1 [T1]
-1.57 dBm
5.750400000 GHz
*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
*Att 30 dB
Offset 1 dB
Ref 20 dBm
Center 5.76 GHz
8 MHz/
Span 80 MHz
1 SA *
MAXH
Tx Channel
Bandwidth
61.76 MHz
Power
15.43 dBm

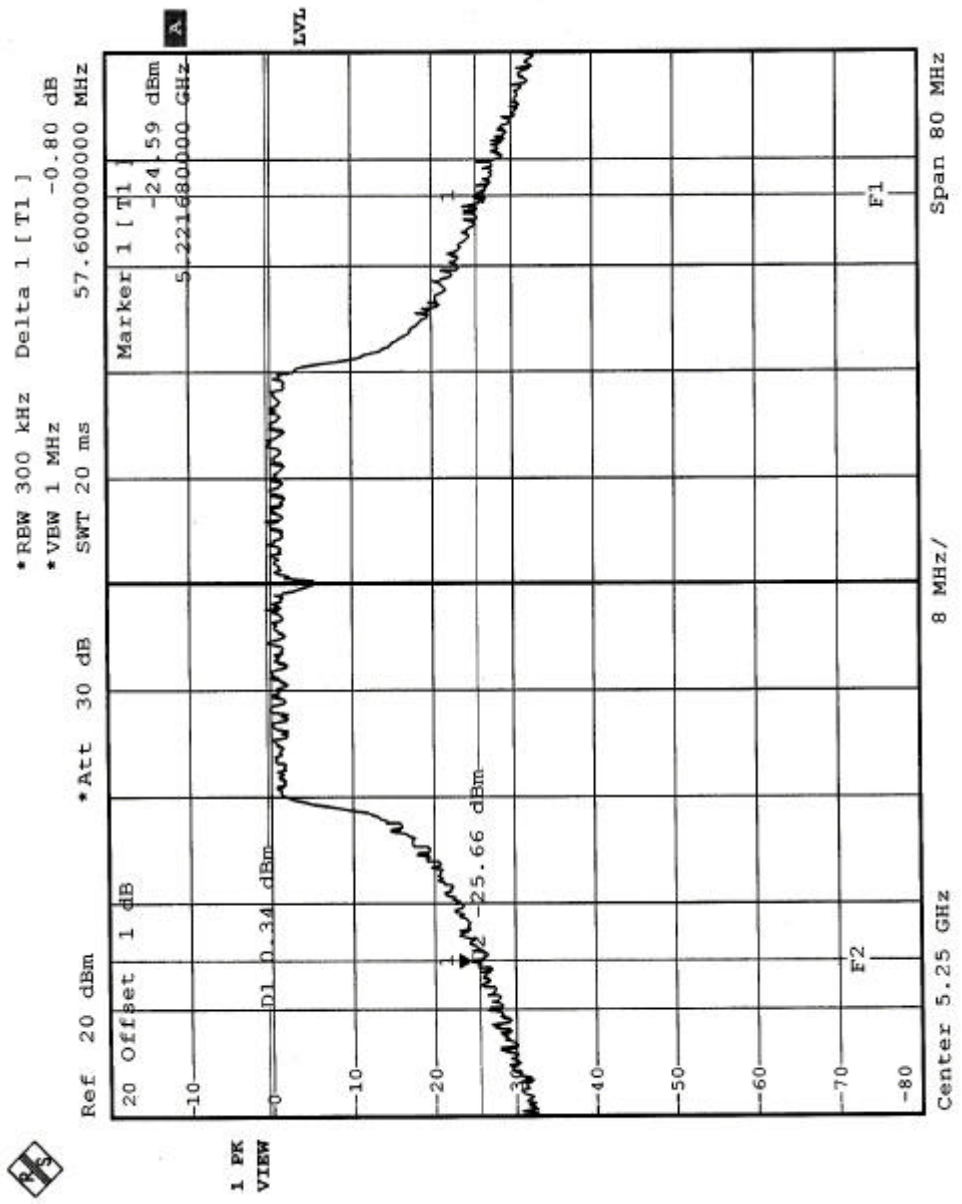
CHANNEL 5


Marker 1 [T1]
1.95 dBm
5.786560000 GHz
* RBW 1 MHz
* VBW 300 kHz
SWT 20 ms
* Att 30 dB
Offset 1 dB
Ref 20 dBm
Center 5.8 GHz
8 MHz/
Span 80 MHz
LVL
1 SA *
MAXH
Tx Channel
Bandwidth
58.56 MHz
Power
15.16 dBm

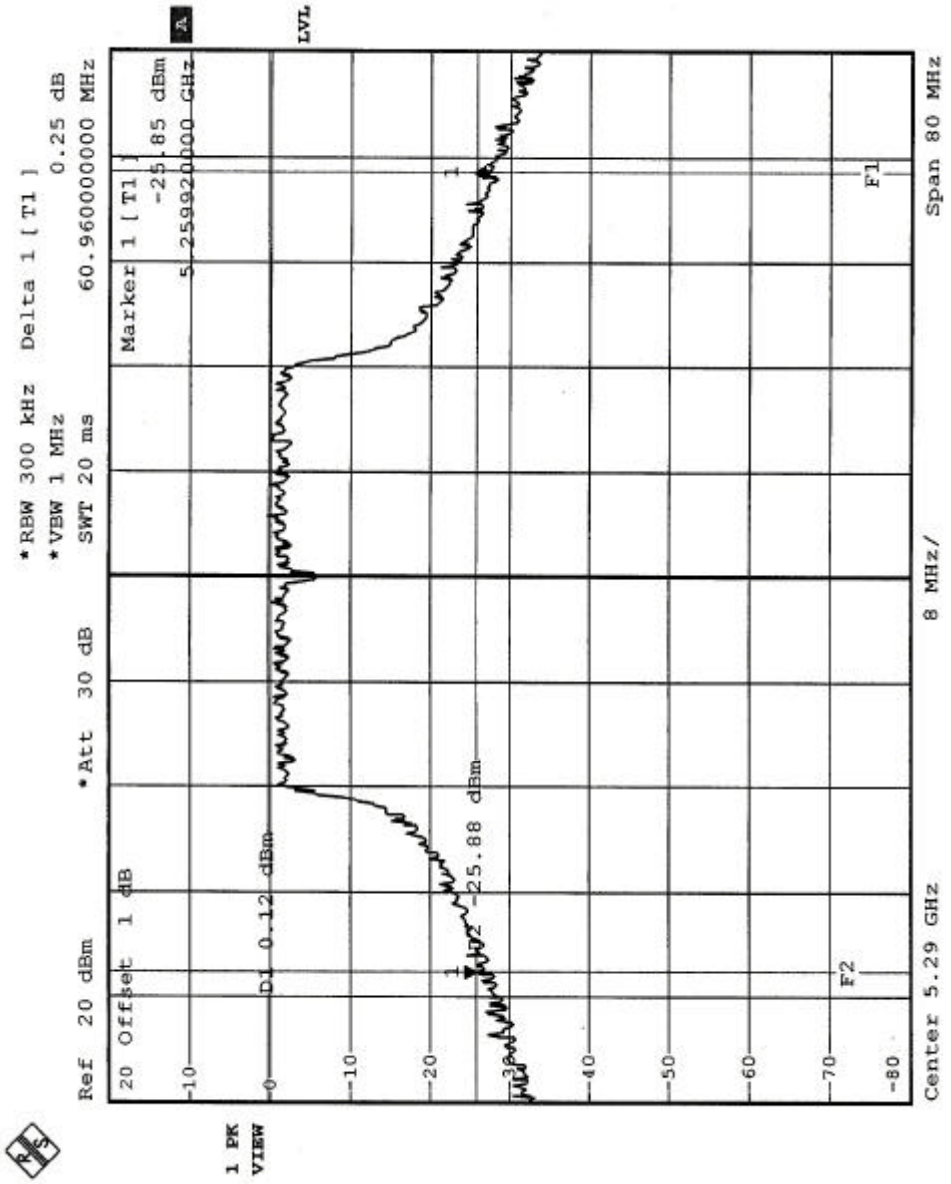
CHANNEL 1


RBW 300 kHz
VBW 1 MHz
SWT 20 ms
Delta 1 [T1]
-0.35 dB
59.840000000 MHz
Marker 1 [T1]
-24.89 dBm
5.18120000 GHz
Ref 20 dBm
Offset 1 dB
Att 30 dB
D1 0.69 dBm
-25.31 dBm
Center 5.21 GHz
8 MHz/
Span 80 MHz
F1
F2
1 PK
VIEW

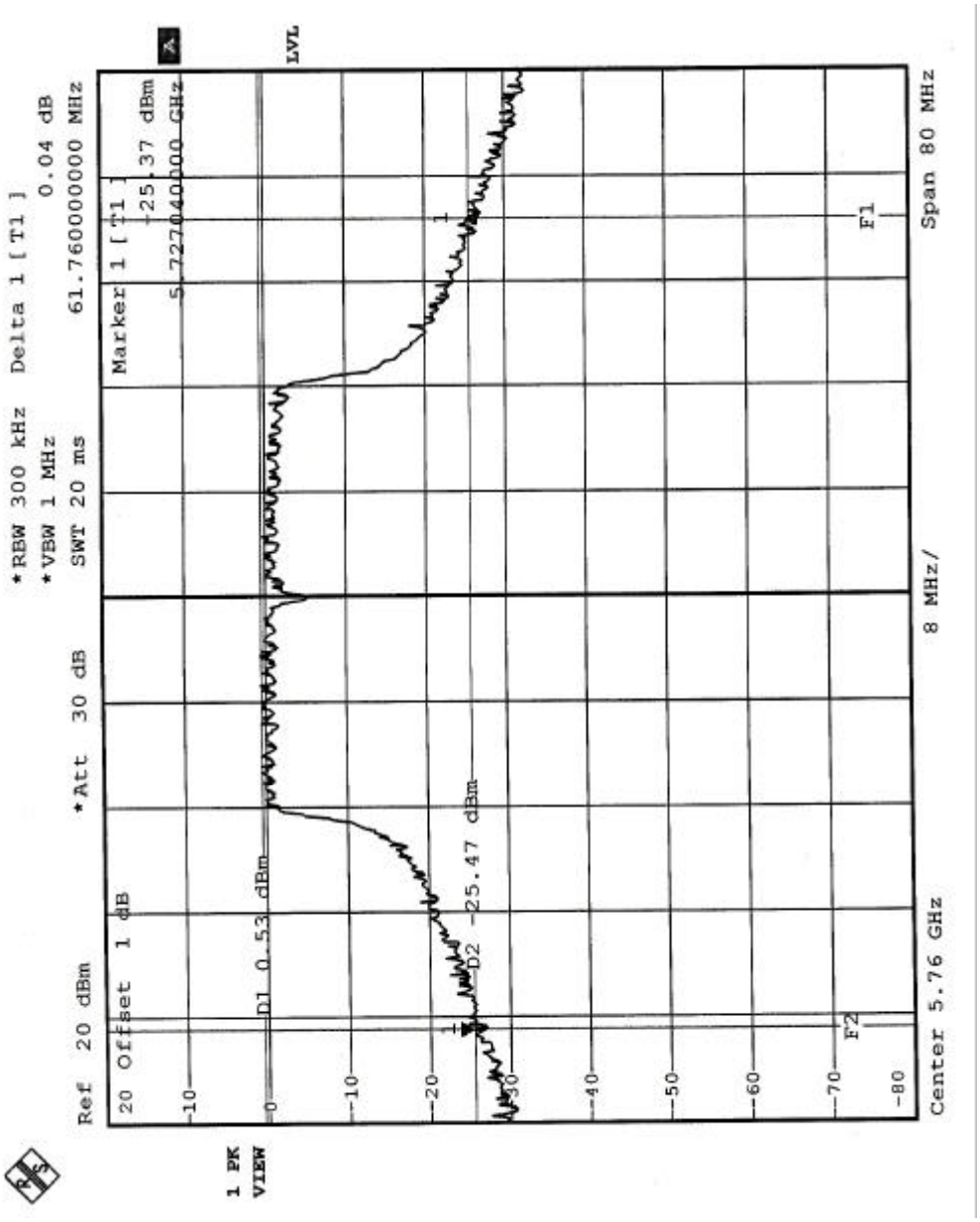
CHANNEL 2


Ref 20 dBm
20 Offset 1 dB
*Att 30 dB
*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Delta 1 [T1]
-0.80 dB
57.600000000 MHz
Marker 1 [T1]
-24.59 dBm
5.221680000 GHz
D1 0.34 dBm
-25.66 dBm
LVL
A
1 PK
VIEW
F1
F2
Center 5.25 GHz
8 MHz/
Span 80 MHz

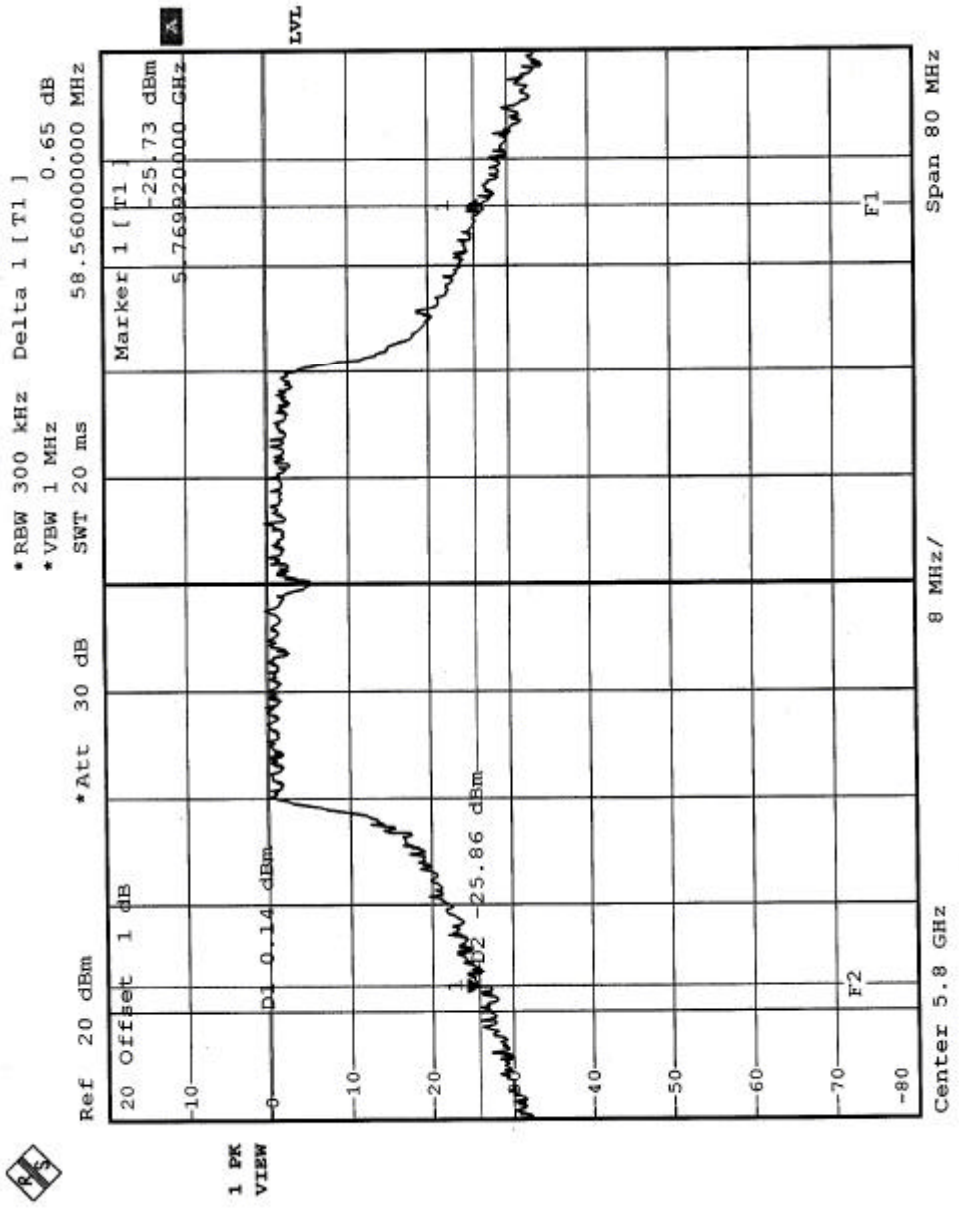
CHANNEL 3


Ref 20 dBm
20 Offset 1 dB
*Att 30 dB
*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Delta 1 [T1]
0.25 dB
60.960000000 MHz
Marker 1 [T1]
-25.85 dBm
5.25920000 GHz
D1 0.12 dBm
-25.88 dBm
LVL
A
1 PK
VIEW
Center 5.29 GHz
8 MHz/
Span 80 MHz
F1
F2

CHANNEL 4


*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Delta 1 [T1]
0.04 dB
61.760000000 MHz
Marker 1 [T1]
+25.37 dBm
5.727040000 GHz
Ref 20 dBm
20 Offset 1 dB
*Att 30 dB
D1 0.53 dBm
D2 -25.47 dBm
1 PK
VIEW
LVL
F1
F2
Span 80 MHz
8 MHz/
Center 5.76 GHz

CHANNEL 5


RBW 300 kHz
VBW 1 MHz
SWT 20 ms
Delta 1 [T1]
0.65 dB
58.56000000 MHz
Marker 1 [T1]
-25.73 dBm
5.76920000 GHz
Ref 20 dBm
20 Offset 1 dB
Att 30 dB
D1 0.14 dBm
D2 -25.86 dBm
Center 5.8 GHz
8 MHz/
Span 80 MHz
F1
F2
1 PK
VIEW
LVL

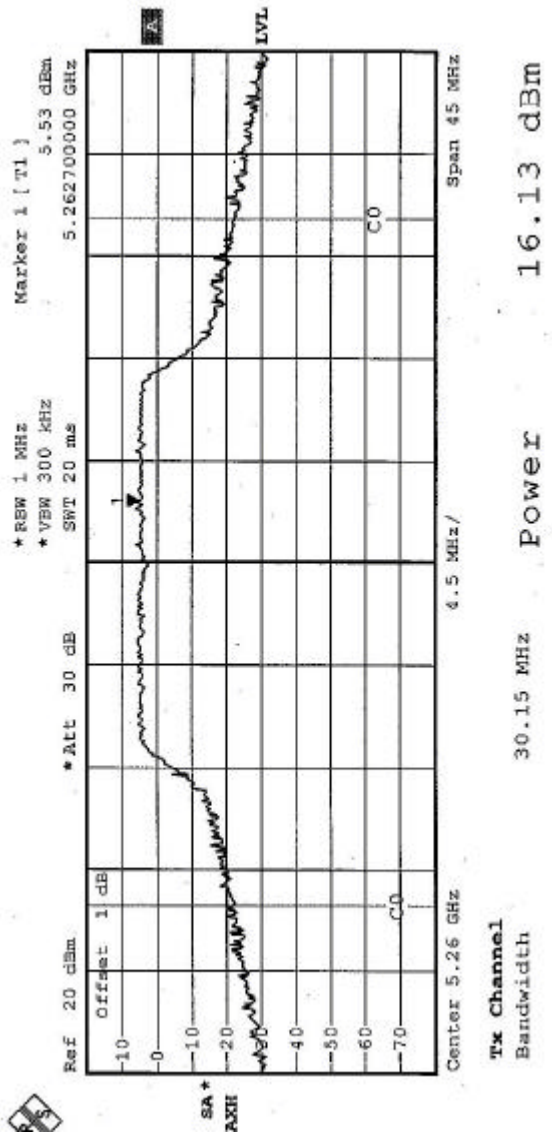
5.3.7 TEST RESULTS (B)

EUT	Wireless LAN Access Point	**MODEL**	A300-2
MODE	Normal	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	21eg. C, 58RH, 976 hPa	**TESTED BY**	Eric Lee

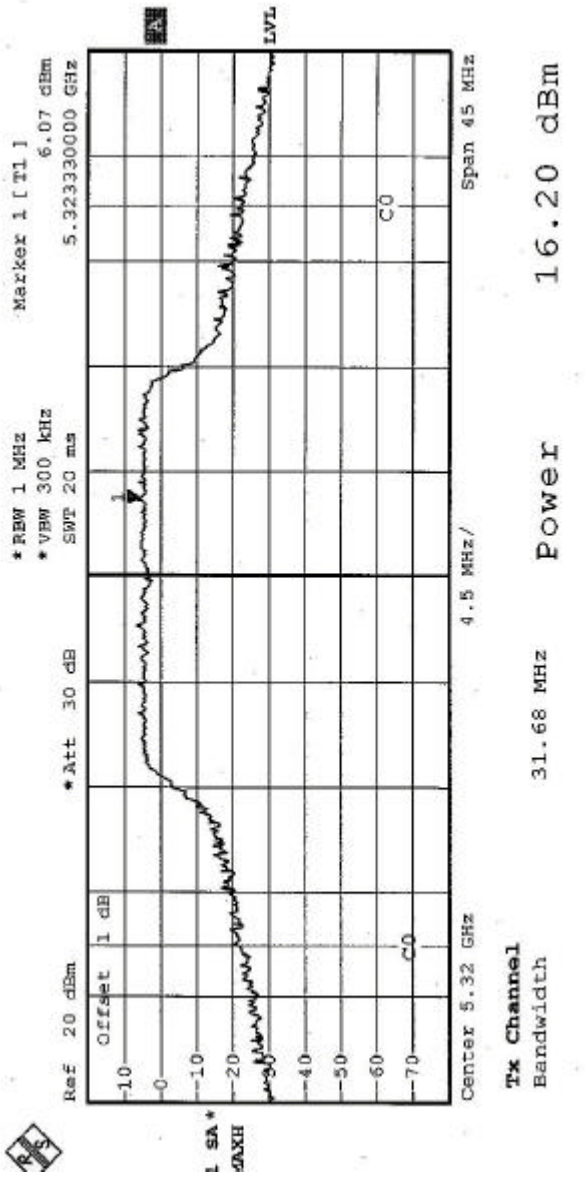
CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
5	5260	16.13	24.00	30.15	PASS
8	5320	16.2	24.00	31.68	PASS
9	5745	16.86	30.00	32.94	PASS
12	5805	16.86	30.00	38.61	PASS

NOTE: The 26dBc Occupied Bandwidth plot, please refer to the following pages.

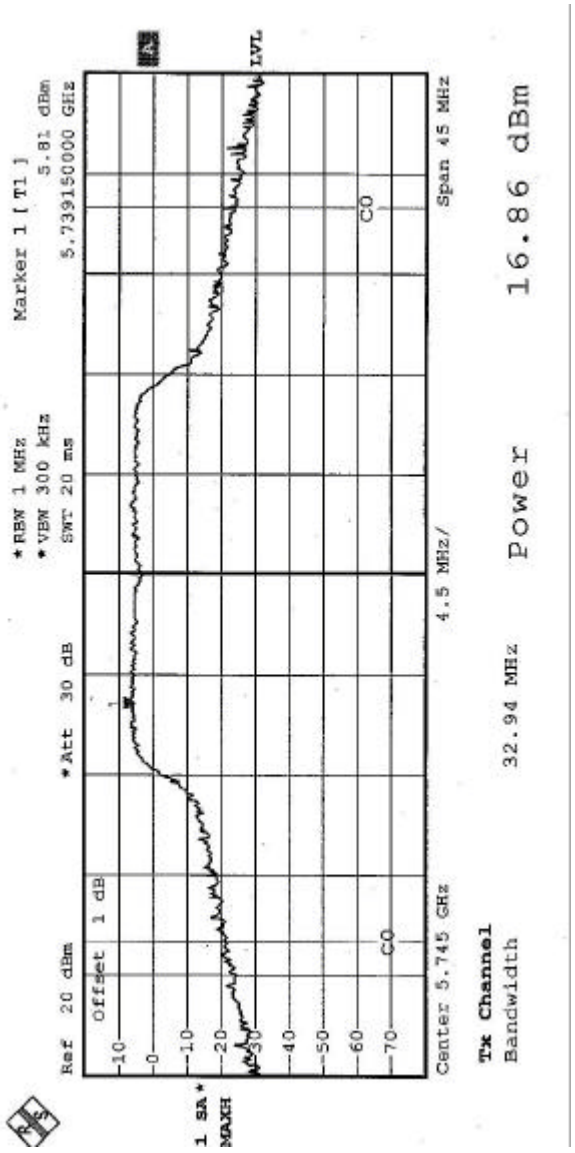
CHANNEL 5


Ref 20 dBm
Offset 1 dB
10
0
-10
-20
-30
-40
-50
-60
-70
Center 5.26 GHz
* Att 30 dB
* RBW 1 MHz
* VBW 300 kHz
SWT 20 ms
Marker 1 [T1]
5.53 dBm
5.262700000 GHz
4.5 MHz/
Span 45 MHz
Tx Channel
Bandwidth
30.15 MHz
Power
16.13 dBm

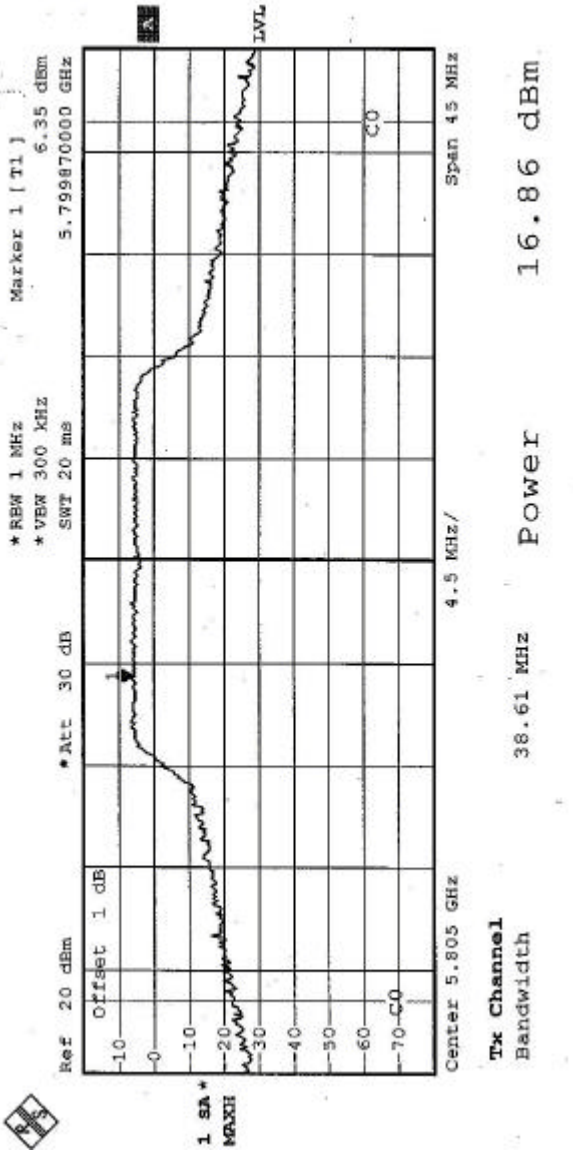
CHANNEL 8


Marker 1 [T1]
6.07 dBm
5.32330000 GHz
*RBW 1 MHz
*VBW 300 kHz
SWP 20 ms
*Att 30 dB
Ref 20 dBm
Offset 1 dB
Center 5.32 GHz
4.5 MHz/
Span 45 MHz
Tx Channel
Bandwidth
31.68 MHz
Power
16.20 dBm

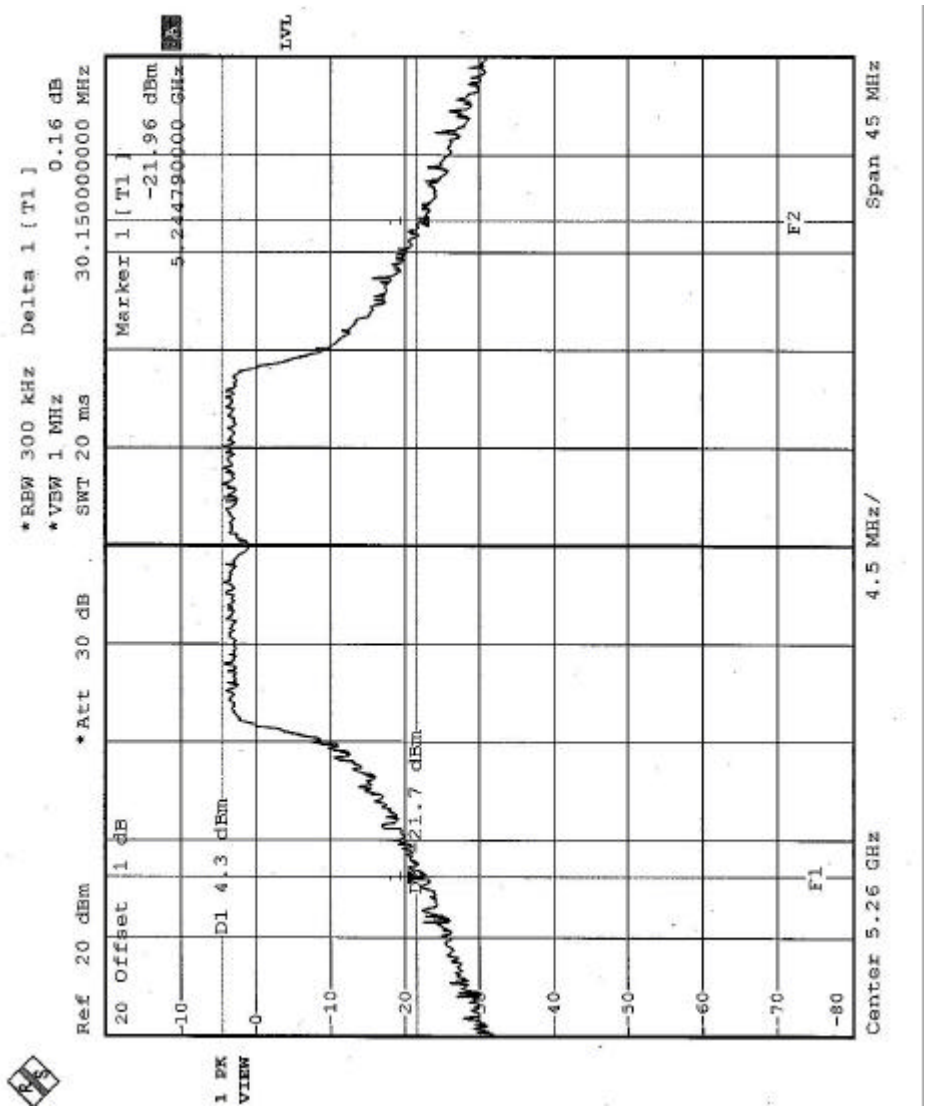
CHANNEL 9


Ref 20 dBm
Offset 1 dB
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
Marker 1 [T1]
5.81 dBm
5.739150000 GHz
Center 5.745 GHz
4.5 MHz/
Span 45 MHz
Tx Channel
Bandwidth
32.94 MHz
Power
16.86 dBm

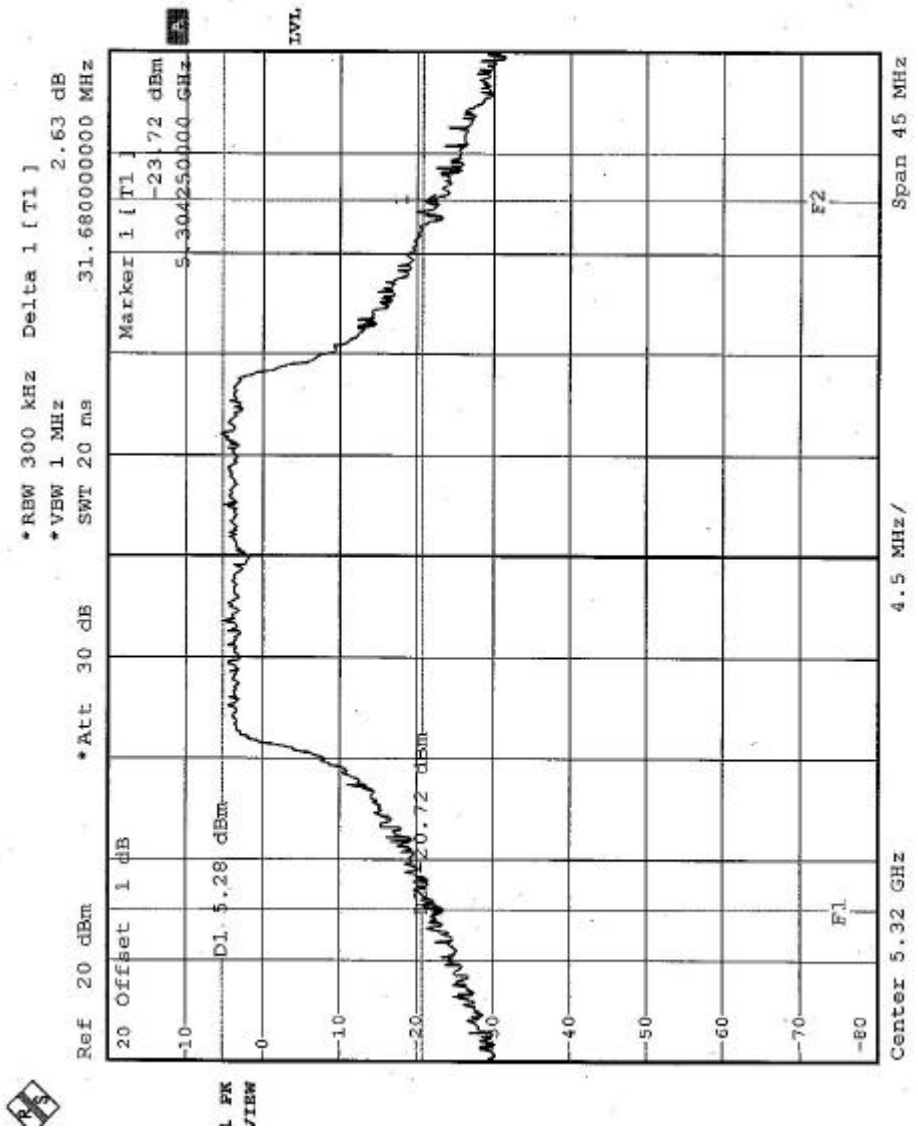
CHANNEL 12


Ref 20 dBm
Offset 1 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
*Att 30 dB
Marker 1 [T1]
6.35 dBm
5.799870000 GHz
Center 5.805 GHz
4.5 MHz/
Span 45 MHz
Tx Channel
Bandwidth
38.61 MHz
Power
16.86 dBm
1 SA*
MAXH

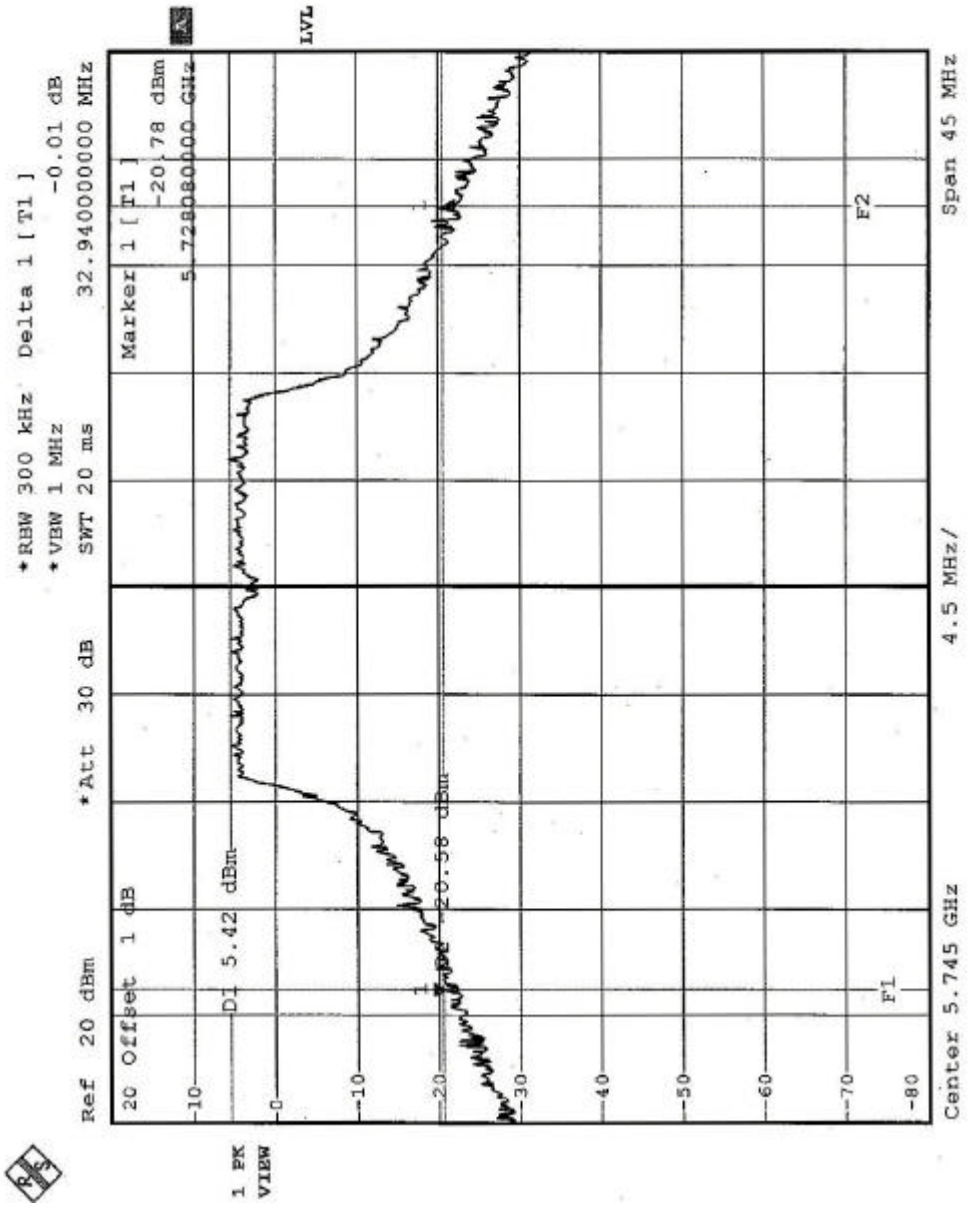
CHANNEL 5


Ref 20 dBm
20 Offset 1 dB
*Att 30 dB
*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Delta 1 [T1]
0.16 dB
30.150000000 MHz
Marker 1 [T1]
-21.96 dBm
5.24790000 GHz
D1 4.3 dBm
21.7 dBm
F1
F2
1 PK
VIEW
LVL
Center 5.26 GHz
4.5 MHz/
Span 45 MHz

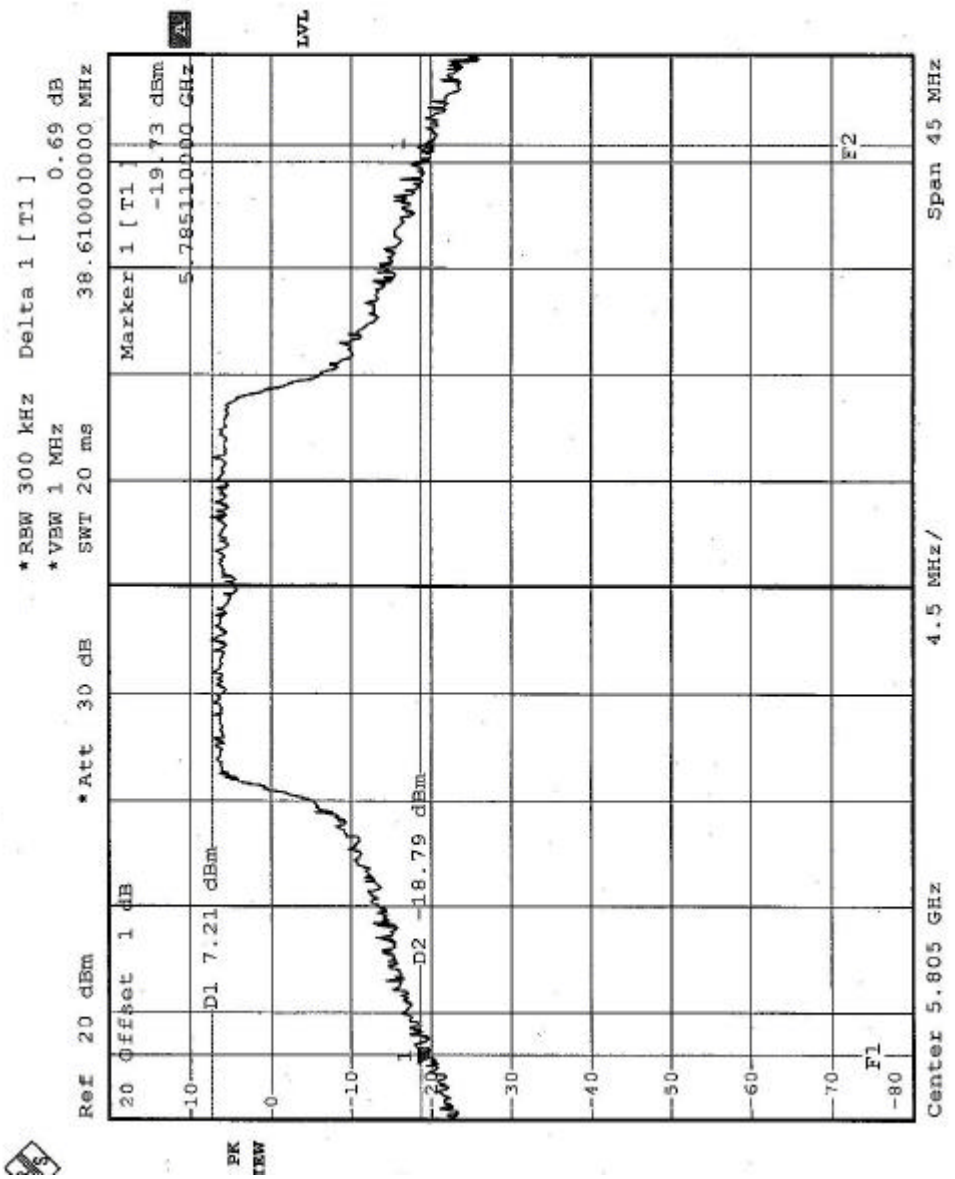
CHANNEL 8


RBW 300 kHz
VBW 1 MHz
SWT 20 ms
Delta 1 [T1]
2.63 dB
31.680000000 MHz
Marker 1 [T1]
-23.72 dBm
5.304250000 GHz
Ref 20 dBm
20 Offset 1 dB
Att 30 dB
D1 5.28 dBm
-20.72 dBm
F1
F2
Center 5.32 GHz
4.5 MHz/
Span 45 MHz
VIEW

CHANNEL9


Ref 20 dBm
20 Offset 1 dB
*Att 30 dB
*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Delta 1 [T1]
-0.01 dB
32.940000000 MHz
Marker 1 [T1]
-20.78 dBm
5.728080000 GHz
D1 5.42 dBm
20.58 dBm
1 PK
VIEW
LVL
F1
F2
Center 5.745 GHz
4.5 MHz/
Span 45 MHz

CHANNEL 12

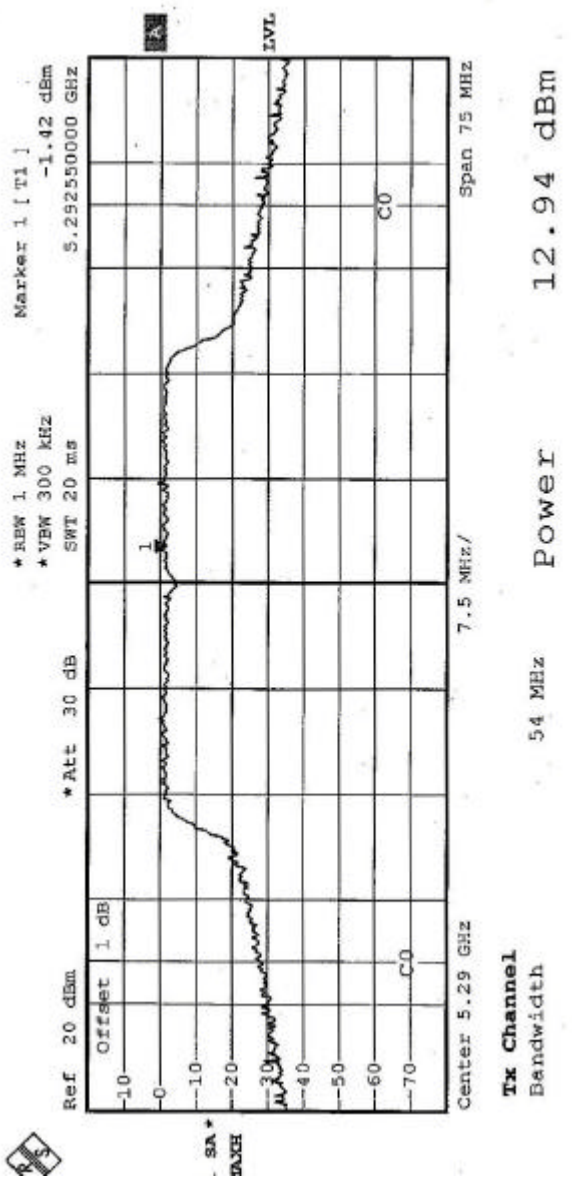

Ref 20 dBm
Offset 1 dB
*Att 30 dB
*VBW 1 MHz
SWT 20 ms
*RBW 300 kHz
Delta 1 [T1]
0.69 dB
38.61000000 MHz
Marker 1 [T1]
-19.73 dBm
5.78511000 GHz
D1 7.21 dBm
D2 -18.79 dBm
Center 5.805 GHz
4.5 MHz/
Span 45 MHz
LVL
PK
VIEW

EUT	Wireless LAN Access Point	**MODEL**	A300-2
MODE	Turbo	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	25eg. C, 66RH, 976 hPa	**TESTED BY**	Eric Lee

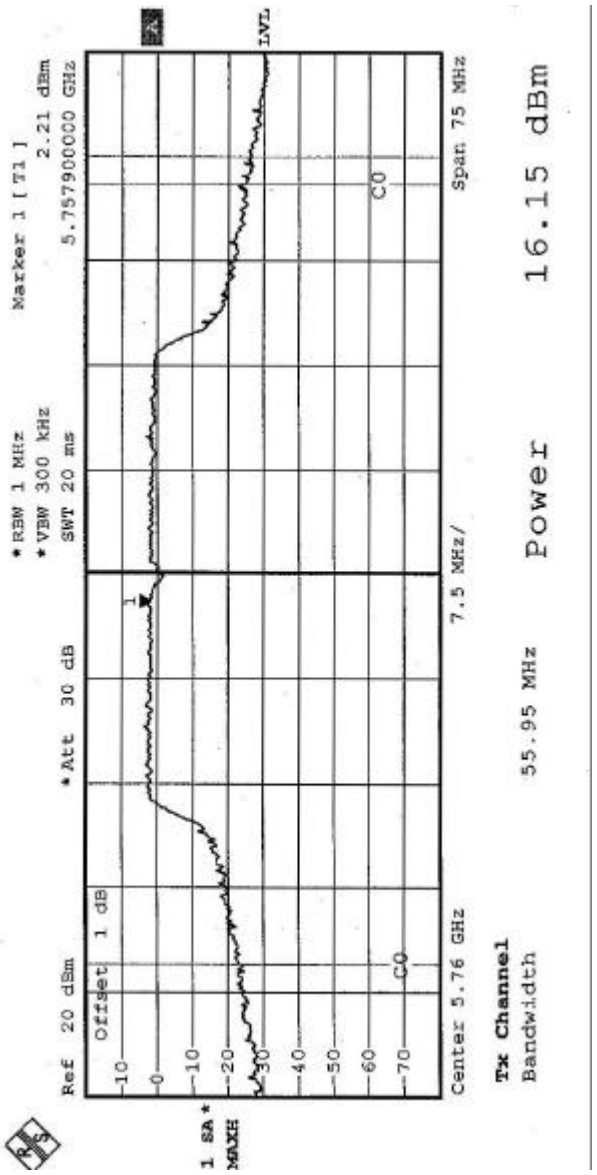
CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
3	5290	12.94	24.00	54.50	PASS
4	5760	16.15	30.00	55.95	PASS
5	5800	16.15	30.00	61.35	PASS

NOTE: The 26dBc Occupied Bandwidth plot, please refer to the following pages.

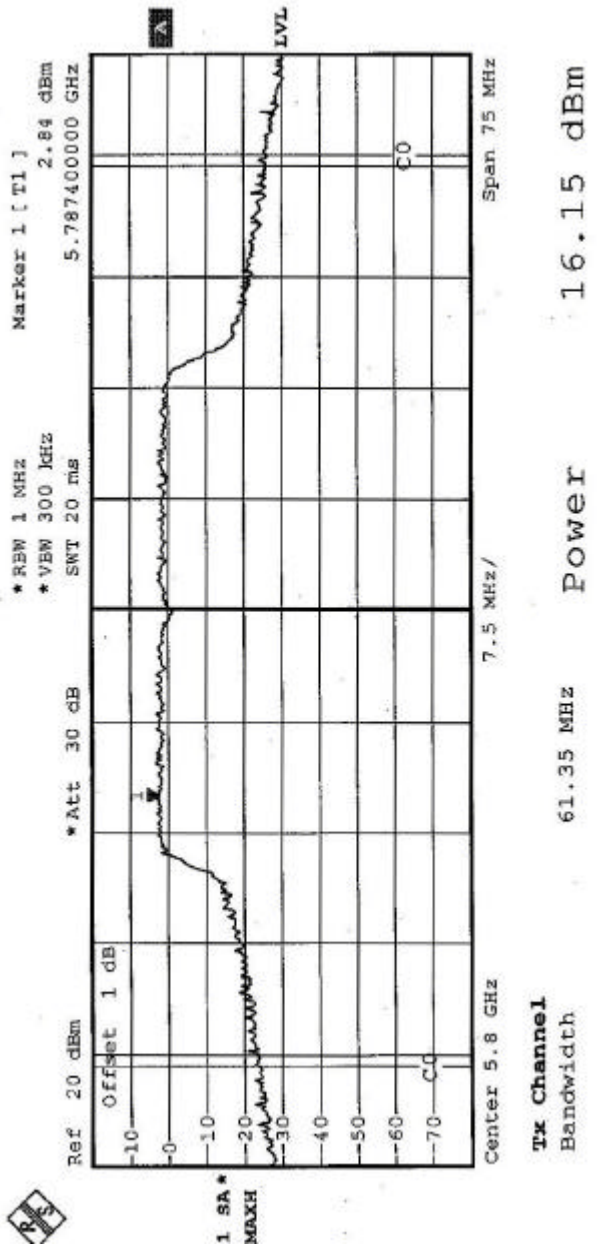
CHANNEL 3


Ref 20 dBm
Offset 1 dB
10
0
-10
-20
-30
-40
-50
-60
-70
CO
*Att 30 dB
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
Marker 1 [T1]
-1.42 dBm
5.292550000 GHz
1
Center 5.29 GHz
7.5 MHz/
Span 75 MHz
Tx Channel
Bandwidth
54 MHz
Power
12.94 dBm

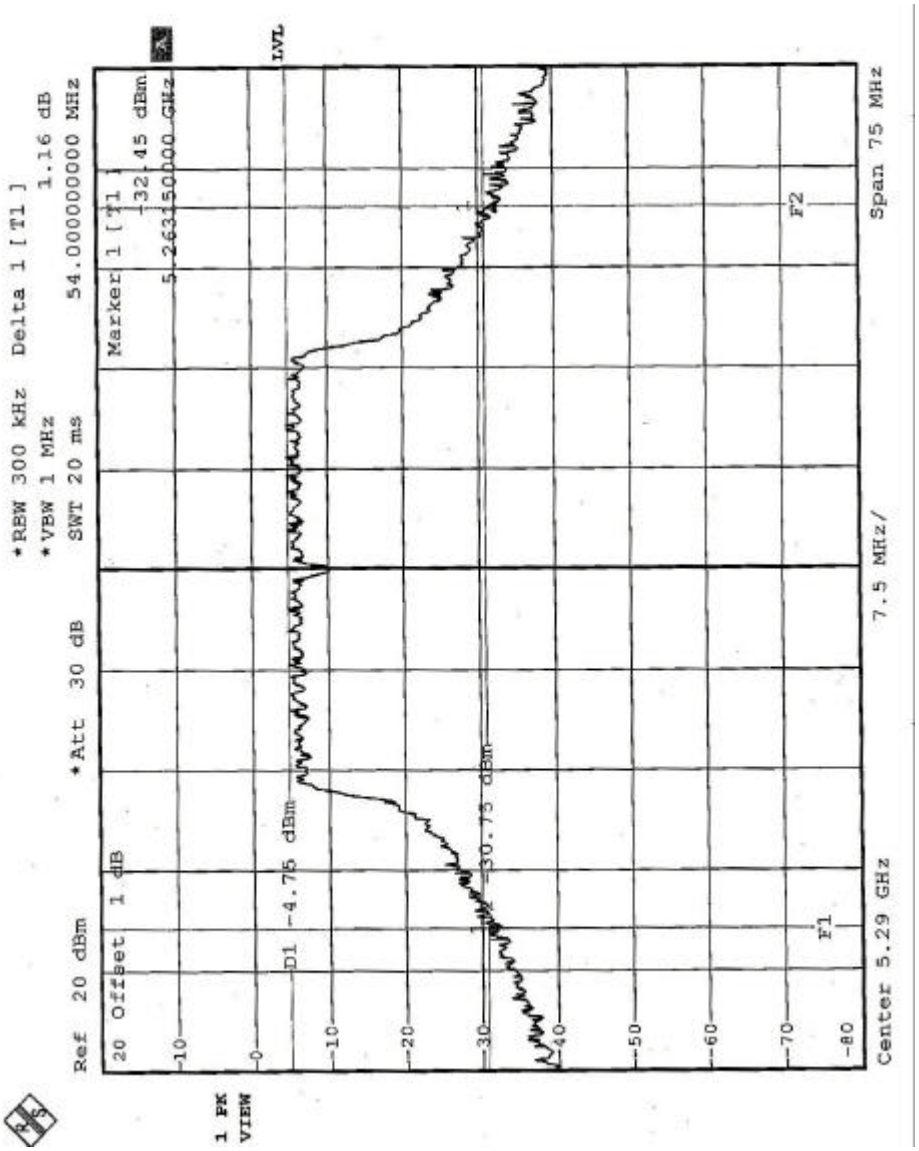
CHANNEL 4


Ref 20 dBm
Offset 1 dB
* Att 30 dB
* RBW 1 MHz
* VBW 300 kHz
SWT 20 ms
Marker 1 [T1]
2.21 dBm
5.757900000 GHz
Center 5.76 GHz
7.5 MHz/
Span 75 MHz
Tx Channel
Bandwidth
55.95 MHz
Power
16.15 dBm

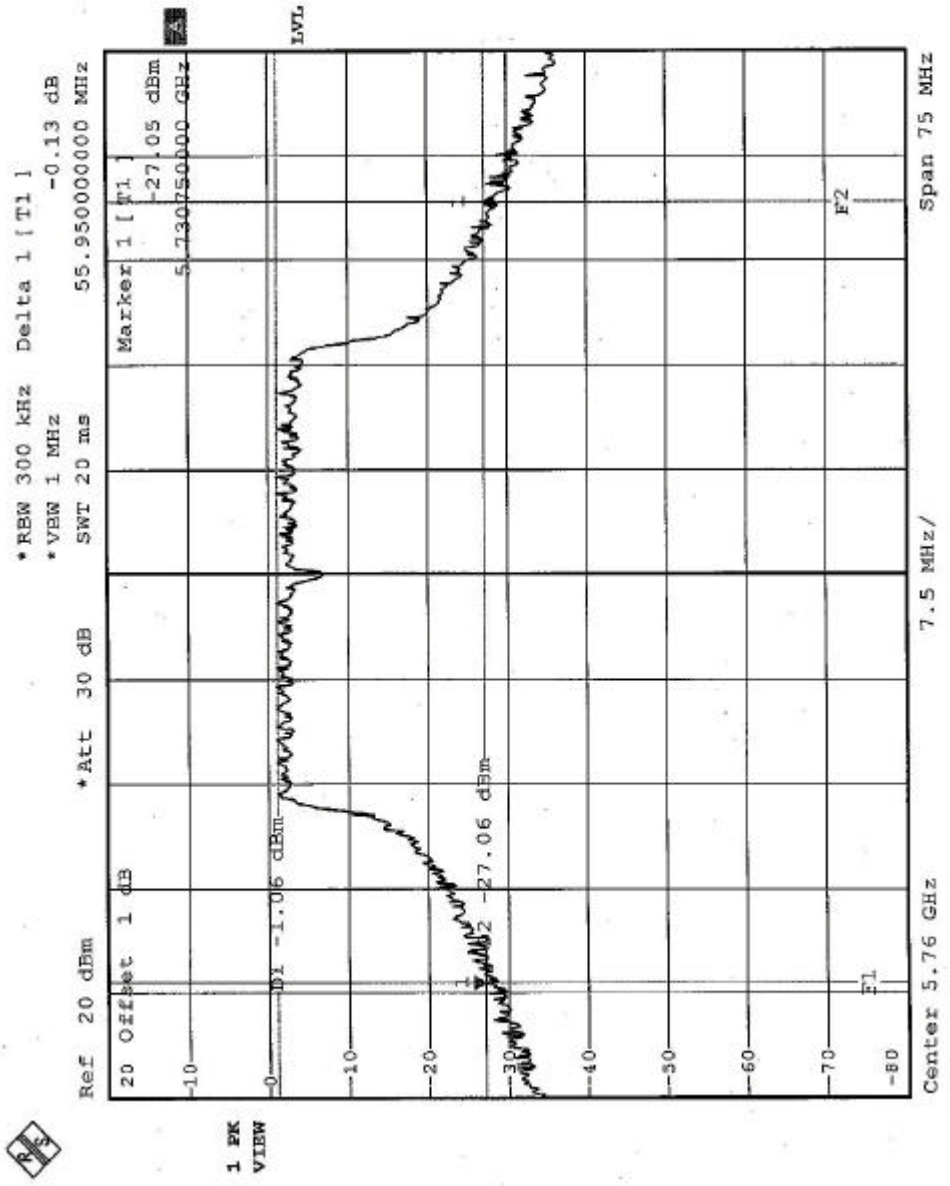
CHANNEL 5


Marker 1 [T1]
2.84 dBm
5.787400000 GHz
*RBW 1 MHz
*VBW 300 kHz
SWT 20 ms
*Att 30 dB
Offset 1 dB
Ref 20 dBm
Center 5.8 GHz
7.5 MHz/
Span 75 MHz
Tx Channel
Bandwidth
61.35 MHz
Power
16.15 dBm
1 SA*
MAXH
LVL
CO

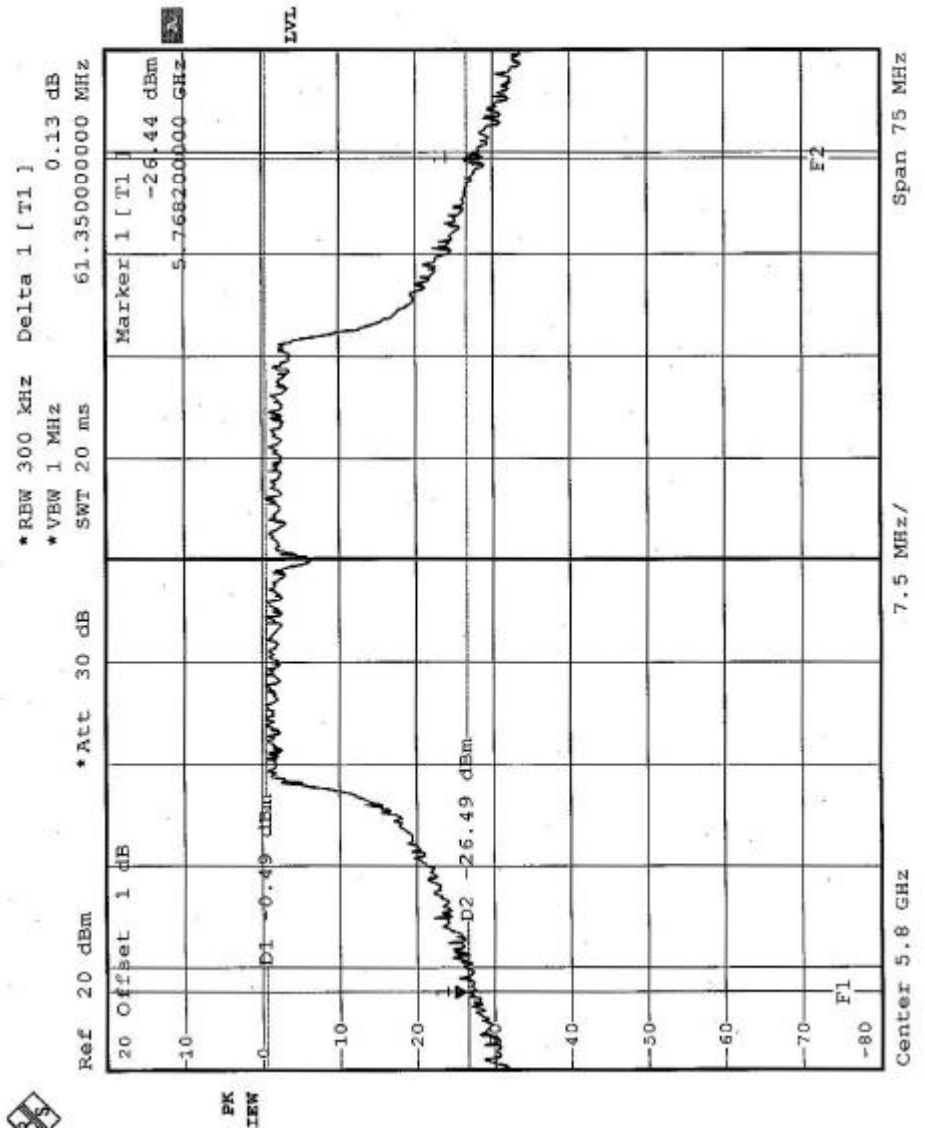
CHANNEL 3


RBW 300 kHz
VBW 1 MHz
SWT 20 ms
Att 30 dB
Offset 1 dB
Ref 20 dBm
Delta 1 [T1]
1.16 dB
54.000000000 MHz
Marker 1 [T1]
32.45 dBm
5.263150000 GHz
D1 -4.75 dBm
-30.75 dBm
F1
F2
1 PK
VIEW
Center 5.29 GHz
7.5 MHz/
Span 75 MHz

CHANNEL 4


RBW 300 kHz
VBW 1 MHz
SWT 20 ms
Delta 1 [T1]
-0.13 dB
55.950000000 MHz
Marker 1 [T1]
-27.05 dBm
5.730750000 GHz
Ref 20 dBm
20 Offset 1 dB
Att 30 dB
LVL
1 PK
VIEW
-1.06 dBm
-27.06 dBm
F1
F2
Center 5.76 GHz
7.5 MHz/
Span 75 MHz

CHANNEL 5


RBW 300 kHz
VBW 1 MHz
SWT 20 ms
Delta 1 [T1]
0.13 dB
61.35000000 MHz
Marker 1 [T1]
-26.44 dBm
5.76820000 GHz
Ref 20 dBm
Offset 1 dB
Att 30 dB
D1 -0.49 dBm
D2 -26.49 dBm
Center 5.8 GHz
7.5 MHz/
Span 75 MHz
F1
F2
PK
AVG

5.4 PEAK POWER EXCURSION MEASUREMENT

5.4.1 LIMITS OF PEAK POWER EXCURSION MEASUREMENT

Frequency Band	Limit
5.15 – 5.25 GHz	13dB
5.25 – 5.35 GHz	13dB
5.725 – 5.825 GHz	13dB

5.4.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSP30	100019	Dec. 19, 2003

NOTE:
The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.