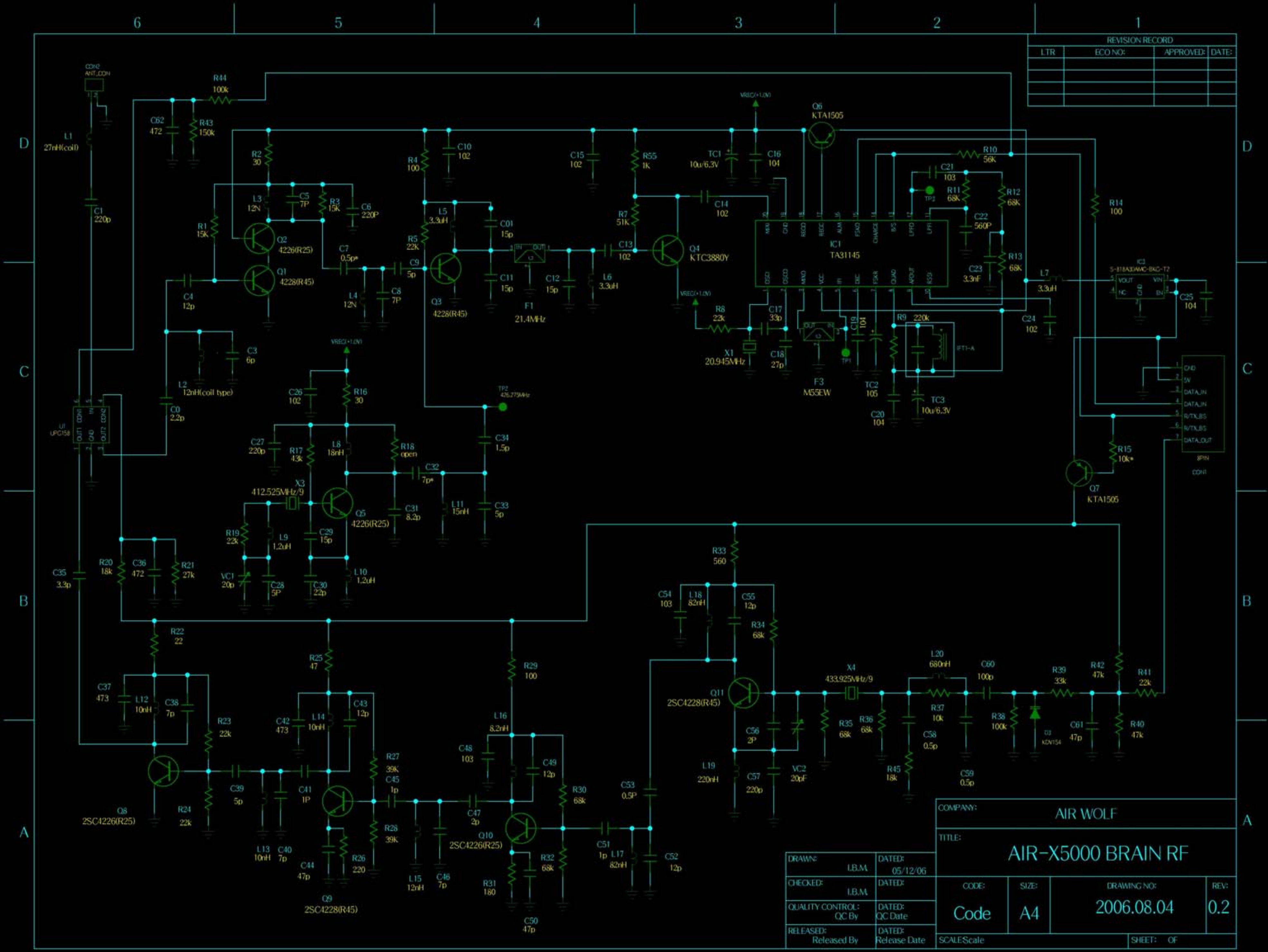

REVISION RECORD
LTR
ECO NO:
APPROVED:
DATE:
COMPANY:
AIR WOLF
TITLE:
AIR-X5000 BRAIN RF
DRAWN:
I.B.M.
DATED:
05/12/06
CHECKED:
I.B.M.
DATED:
QUALITY CONTROL:
QC By
DATED:
QC Date
RELEASED:
Released By
DATED:
Release Date
CODE:
Code
SIZE:
A4
DRAWING NO:
2006.08.04
REV:
0.2
SCALE:Scale
SHEET: OF
CON2
ANT_CON
L1
27nH(coil)
C1
220p
R44
100k
C62
472
R43
150k
U1
UPC158
C4
12p
C3
6p
L2
12nH(coil type)
C0
2.2p
Q1
4228(R45)
Q2
4226(R25)
R1
15K
R2
30
L3
12N
C5
7P
R3
15K
C6
220P
C7
0.5p*
L4
12N
C8
7P
C9
5p
R4
100
C10
102
R5
22K
L5
3.3uH
C01
15p
C11
15p
Q3
4228(R45)
F1
21.4MHz
C12
15p
L6
3.3uH
C13
102
C15
102
R55
1K
R7
51K
C14
102
Q4
KTC3880Y
TC1
10u/6.3V
C16
104
Q6
KTA1505
IC1
TA31145
R10
56K
C21
103
R11
68K
R12
68K
C22
560P
C23
3.3nF
R13
68K
L7
3.3uH
IC3
S-818A30AMC-BKG-T2
C25
104
C24
102
R8
22k
X1
20.945MHz
C17
33p
C18
27p
F3
M55EW
C19
104
R9
220k
TC2
105
C20
104
TC3
10u/6.3V
IFT1-A
R14
100
CON1
8PIN
GND
5V
DATA_IN
DATA_IN
R/T/LBS
R/T/LBS
DATA_OUT
R15
10k*
Q7
KTA1505
TP2
426.275MHz
C26
102
R16
30
C27
220p
R17
43k
L8
18nH
R18
open
C32
7p*
C34
1.5p
X3
412.525MHz/9
Q5
4226(R25)
C31
8.2p
L11
15nH
C33
5p
R19
22k
L9
1.2uH
C29
15p
VC1
20p
C28
5P
C30
22p
L10
1.2uH
C35
3.3p
R20
18k
C36
472
R21
27k
R22
22
C37
473
L12
10nH
C38
7p
R23
22k
Q8
2SC4226(R25)
R24
22k
C39
5p
L13
10nH
C40
7p
C41
1P
R25
47
C42
473
L14
10nH
C43
12p
C44
47p
R26
220
Q9
2SC4228(R45)
R27
39K
C45
1p
R28
39K
L15
12nH
C46
7p
C47
2p
R29
100
C48
103
L16
8.2nH
C49
12p
R30
68k
Q10
2SC4226(R25)
R31
180
C50
47p
R32
68k
C51
1p
L17
82nH
C52
12p
C53
0.5P
R33
560
C54
103
L18
82nH
C55
12p
R34
68k
Q11
2SC4228(R45)
C56
2P
L19
220nH
C57
220p
VC2
20pF
X4
433.925MHz/9
R35
68k
R36
68k
R45
18k
C58
0.5p
L20
680nH
R37
10k
C59
0.5p
C60
100p
R38
100k
D2
KDV154
R39
33k
C61
47p
R42
47k
R40
47k
R41
22k