

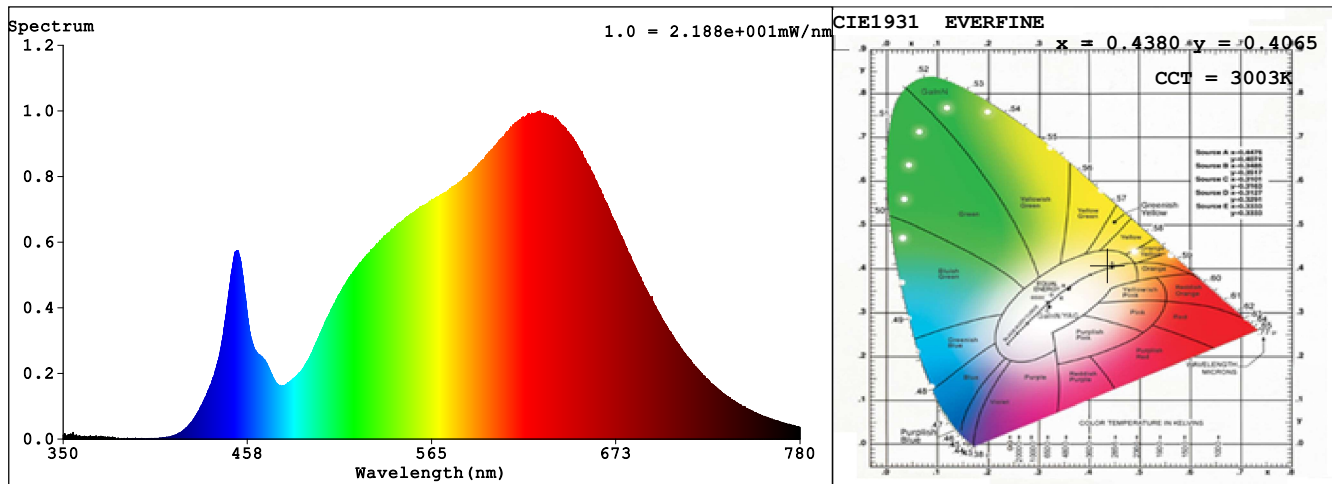
Spectrum Test Report

Sample	: 80568500100 - 70X70MM	Date	: 2024-04-05 14:24:59
Specification	: MOD 16L 2X2 AMBER XPE - 930 XPG4	Sam. Status	: PASS
Sample No.	: 1	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: AUDAX	Test by	: WILLIAN

Test Condition

Temperature	: 20Deg	RH	: 50%
WL Range	: 350nm-780nm	IP	: 51045 (78%)
Test Mode	: Accuracy Test	T	: 519 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4380$ $y = 0.4065$ / $u' = 0.2502$ $v' = 0.5225$ ($duv=8.37e-04$)

CCT= 3003K Prcp WL: $L_d=582.5nm$ Purity=53.5%

Peak WL: $L_p=628nm$ FWHM: $=168.5nm$ Ratio:R=24.1% G=73.6% B=2.4%

Render Index: $R_a = 91.7$ AvgR = 88.4 TM30:Rf=91 Rg=101

R1 =92 R2 =93 R3 =92 R4 =93 R5 =91 R6 =90 R7 =95

R8 =87 R9 =67 R10=83 R11=92 R12=74 R13=92 R14=95 R15=90

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

Flux = 1092.3 lm Eff. : 138.28 lm/W $F_e = 3.8394 W$

Scotopic:1491 S/P:1.365

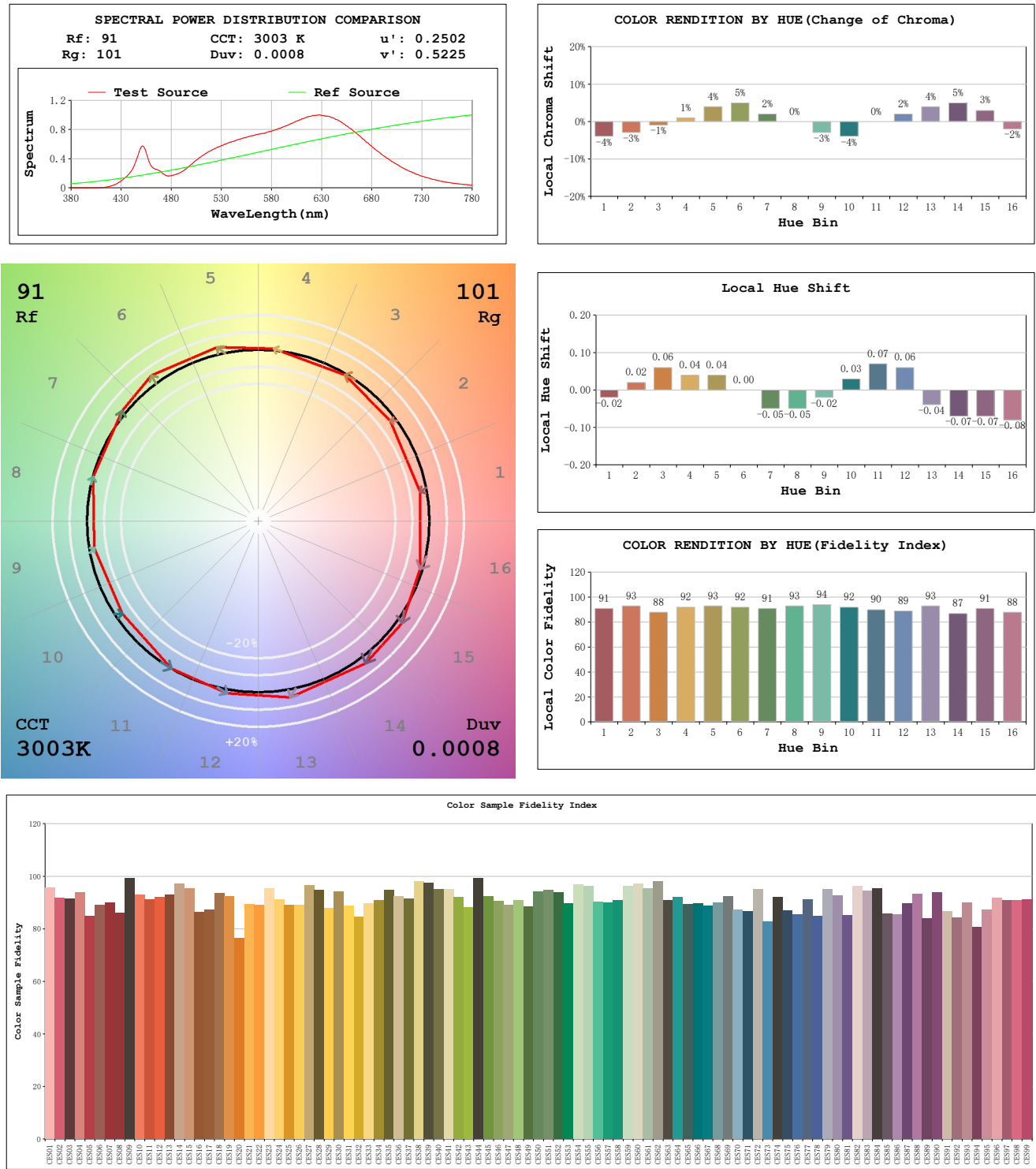
Electrical parameters

V = 22.57 V I = 0.3500 A P = 7.899 W PF = 1.000

Freq=0.00 Hz

TM30

View Angle:2 Deg



All Rf:

Rf1 = 95.6	Rf2 = 91.7	Rf3 = 91.4	Rf4 = 93.9
Rf5 = 85.1	Rf6 = 89.0	Rf7 = 90.0	Rf8 = 86.2
Rf9 = 99.4	Rf10 = 93.1	Rf11 = 91.1	Rf12 = 92.1
Rf13 = 93.1	Rf14 = 97.3	Rf15 = 95.5	Rf16 = 86.3
Rf17 = 87.2	Rf18 = 93.5	Rf19 = 92.5	Rf20 = 76.7
Rf21 = 89.5	Rf22 = 89.0	Rf23 = 95.4	Rf24 = 91.2
Rf25 = 89.2	Rf26 = 89.1	Rf27 = 96.7	Rf28 = 94.8
Rf29 = 87.9	Rf30 = 94.1	Rf31 = 88.8	Rf32 = 84.7
Rf33 = 89.7	Rf34 = 91.1	Rf35 = 95.0	Rf36 = 92.3
Rf37 = 91.6	Rf38 = 98.2	Rf39 = 97.5	Rf40 = 95.1
Rf41 = 95.0	Rf42 = 92.2	Rf43 = 88.3	Rf44 = 99.3
Rf45 = 92.3	Rf46 = 90.5	Rf47 = 89.1	Rf48 = 91.1
Rf49 = 88.4	Rf50 = 94.2	Rf51 = 94.7	Rf52 = 94.0
Rf53 = 89.6	Rf54 = 97.0	Rf55 = 96.3	Rf56 = 90.4
Rf57 = 90.2	Rf58 = 90.9	Rf59 = 96.3	Rf60 = 97.2
Rf61 = 95.4	Rf62 = 98.2	Rf63 = 90.9	Rf64 = 92.1
Rf65 = 89.5	Rf66 = 89.7	Rf67 = 88.9	Rf68 = 90.1
Rf69 = 92.4	Rf70 = 87.2	Rf71 = 86.7	Rf72 = 95.2
Rf73 = 83.0	Rf74 = 92.0	Rf75 = 87.0	Rf76 = 85.5
Rf77 = 91.3	Rf78 = 84.9	Rf79 = 95.2	Rf80 = 92.9
Rf81 = 85.2	Rf82 = 96.4	Rf83 = 94.4	Rf84 = 95.4
Rf85 = 85.9	Rf86 = 85.6	Rf87 = 89.9	Rf88 = 93.4
Rf89 = 84.0	Rf90 = 93.8	Rf91 = 86.7	Rf92 = 84.4
Rf93 = 90.0	Rf94 = 80.8	Rf95 = 87.4	Rf96 = 91.7
Rf97 = 91.0	Rf98 = 90.9	Rf99 = 91.1	

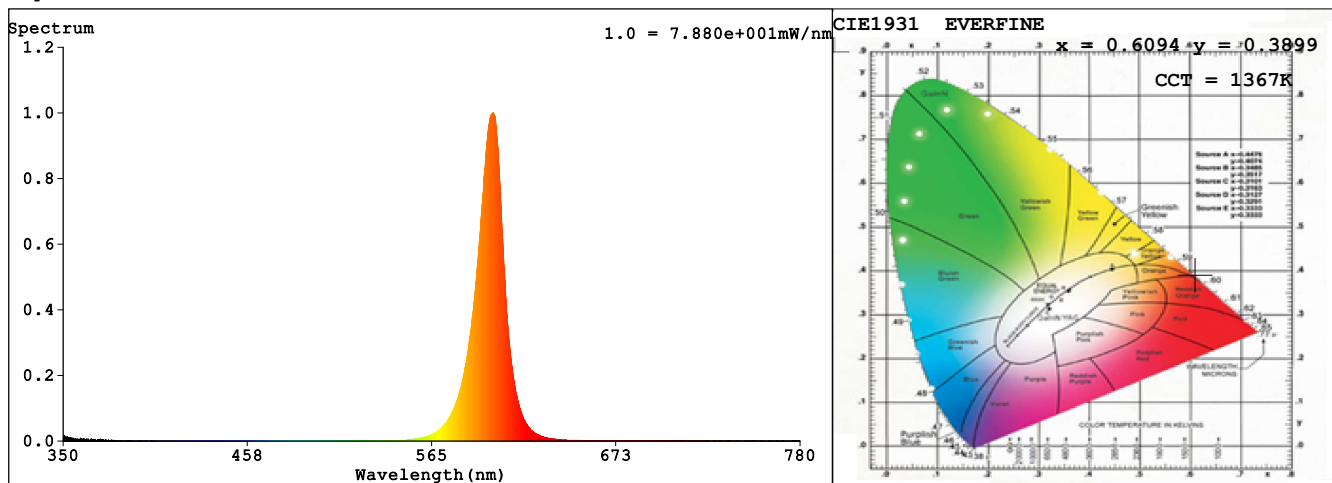
Spectrum Test Report

Sample	: 80568500100 - 70X70MM	Date	: 2024-04-05 15:04:45
Specification	: MOD 16L 2X2 AMBER XPE - 930 XPG4	Sam. Status	: PASS
Sample No.	: 2	Instrument	: HAAS-2000(EVERFINE)
Manufacturer	: AUDAX	Test by	: WILLIAN

Test Condition

Temperature	: 20Deg	RH	: 50%
WL Range	: 350nm-780nm	IP	: 49848 (76%)
Test Mode	: Accuracy Test	T	: 129 ms
		Sensitivity	: High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.6094$ $y = 0.3899$ / $u' = 0.3773$ $v' = 0.5432$ ($duv=2.52e-03$)

CCT= 1367K Prcp WL: $L_d=596.3nm$ Purity=100.0%

Peak WL: $L_p=601nm$ FWHM: =16.3nm Ratio:R=40.8% G=59.2% B=0.0%

Render Index: $R_a = 16.2$ AvgR = 15.7 TM30:Rf=1 Rg=2

R1=0 R2=59 R3=14 R4=0 R5=0 R6=57 R7=0

R8=0 R9=0 R10=42 R11=0 R12=18 R13=0 R14=45 R15=0

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 700.30 lm Eff. : 114.30 lm/W $Fe = 1.5954 W$

Scotopic:127.63 S/P:0.18225

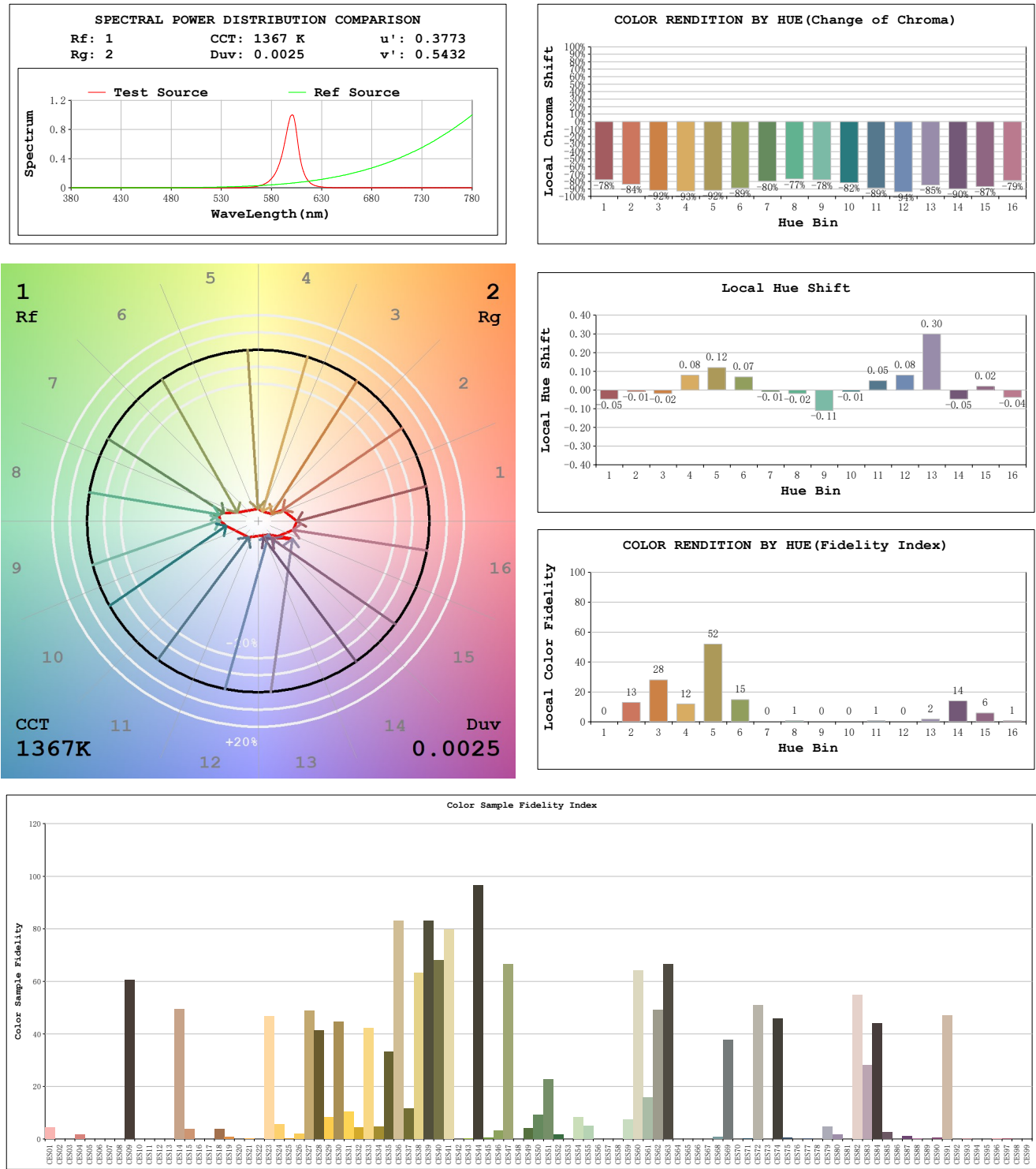
Electrical parameters

V = 17.50 V I = 0.3500 A P = 6.127 W PF = 1.000

Freq=0.00 Hz

TM30

View Angle:2 Deg



All Rf:

Rf1 = 4.5	Rf2 = 0.0	Rf3 = 0.1	Rf4 = 1.9
Rf5 = 0.0	Rf6 = 0.1	Rf7 = 0.0	Rf8 = 0.0
Rf9 = 60.5	Rf10 = 0.0	Rf11 = 0.0	Rf12 = 0.0
Rf13 = 0.2	Rf14 = 49.4	Rf15 = 4.0	Rf16 = 0.0
Rf17 = 0.1	Rf18 = 3.8	Rf19 = 0.8	Rf20 = 0.0
Rf21 = 0.2	Rf22 = 0.1	Rf23 = 46.9	Rf24 = 5.8
Rf25 = 0.4	Rf26 = 2.0	Rf27 = 48.9	Rf28 = 41.4
Rf29 = 8.3	Rf30 = 44.7	Rf31 = 10.7	Rf32 = 4.5
Rf33 = 42.2	Rf34 = 4.7	Rf35 = 33.2	Rf36 = 83.1
Rf37 = 11.7	Rf38 = 63.1	Rf39 = 83.0	Rf40 = 68.0
Rf41 = 79.9	Rf42 = 0.2	Rf43 = 0.3	Rf44 = 96.7
Rf45 = 0.8	Rf46 = 3.4	Rf47 = 66.7	Rf48 = 0.1
Rf49 = 4.3	Rf50 = 9.1	Rf51 = 22.9	Rf52 = 1.7
Rf53 = 0.0	Rf54 = 8.5	Rf55 = 5.0	Rf56 = 0.0
Rf57 = 0.0	Rf58 = 0.0	Rf59 = 7.3	Rf60 = 64.2
Rf61 = 16.0	Rf62 = 49.2	Rf63 = 66.8	Rf64 = 0.0
Rf65 = 0.1	Rf66 = 0.0	Rf67 = 0.0	Rf68 = 0.9
Rf69 = 37.8	Rf70 = 0.1	Rf71 = 0.3	Rf72 = 50.9
Rf73 = 0.0	Rf74 = 45.8	Rf75 = 0.6	Rf76 = 0.0
Rf77 = 0.2	Rf78 = 0.0	Rf79 = 4.8	Rf80 = 1.9
Rf81 = 0.0	Rf82 = 54.9	Rf83 = 28.2	Rf84 = 44.1
Rf85 = 2.6	Rf86 = 0.0	Rf87 = 1.2	Rf88 = 0.4
Rf89 = 0.0	Rf90 = 0.5	Rf91 = 47.1	Rf92 = 0.0
Rf93 = 0.3	Rf94 = 0.0	Rf95 = 0.0	Rf96 = 0.3
Rf97 = 0.3	Rf98 = 0.0	Rf99 = 0.0	