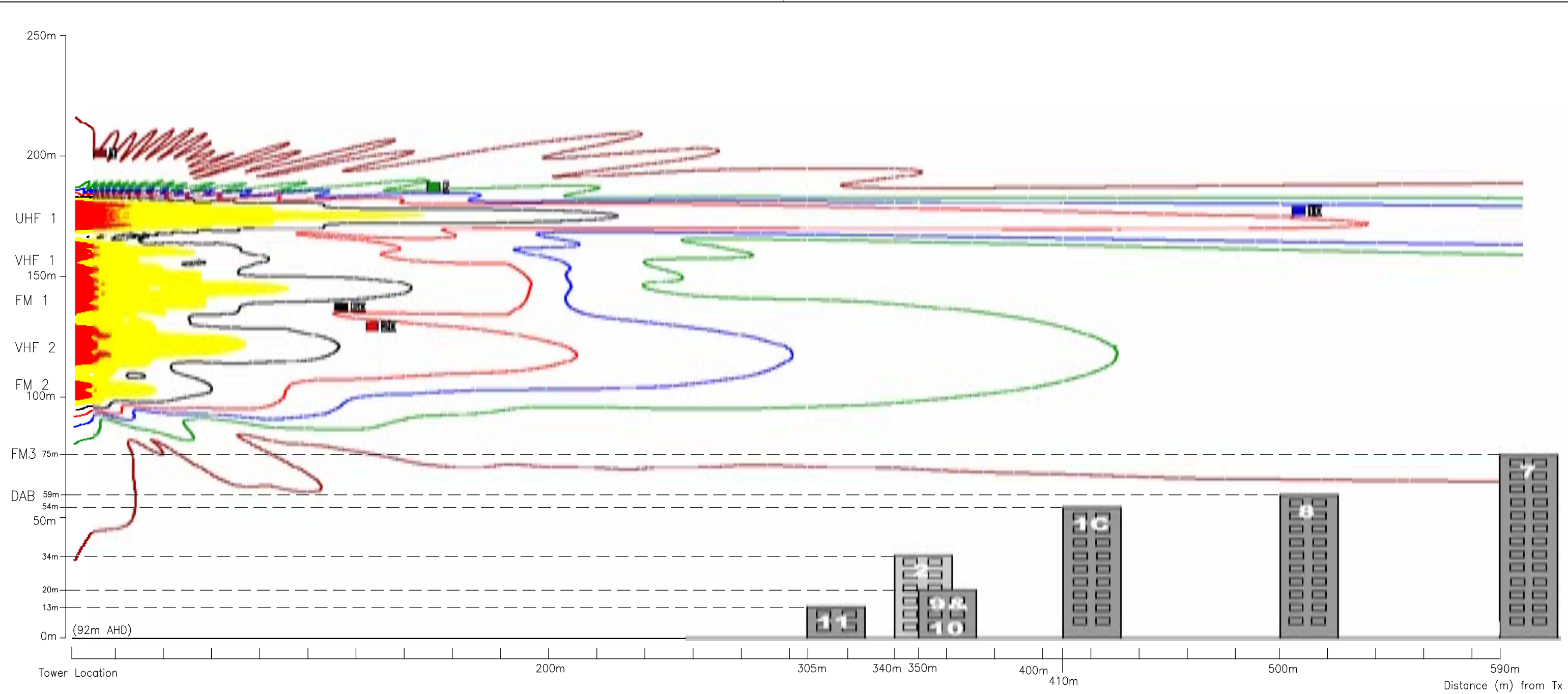




GORE HILL 2040
CURRENT POWER LEVEL
ELEVATION VIEW (NORMAL OPERATION)

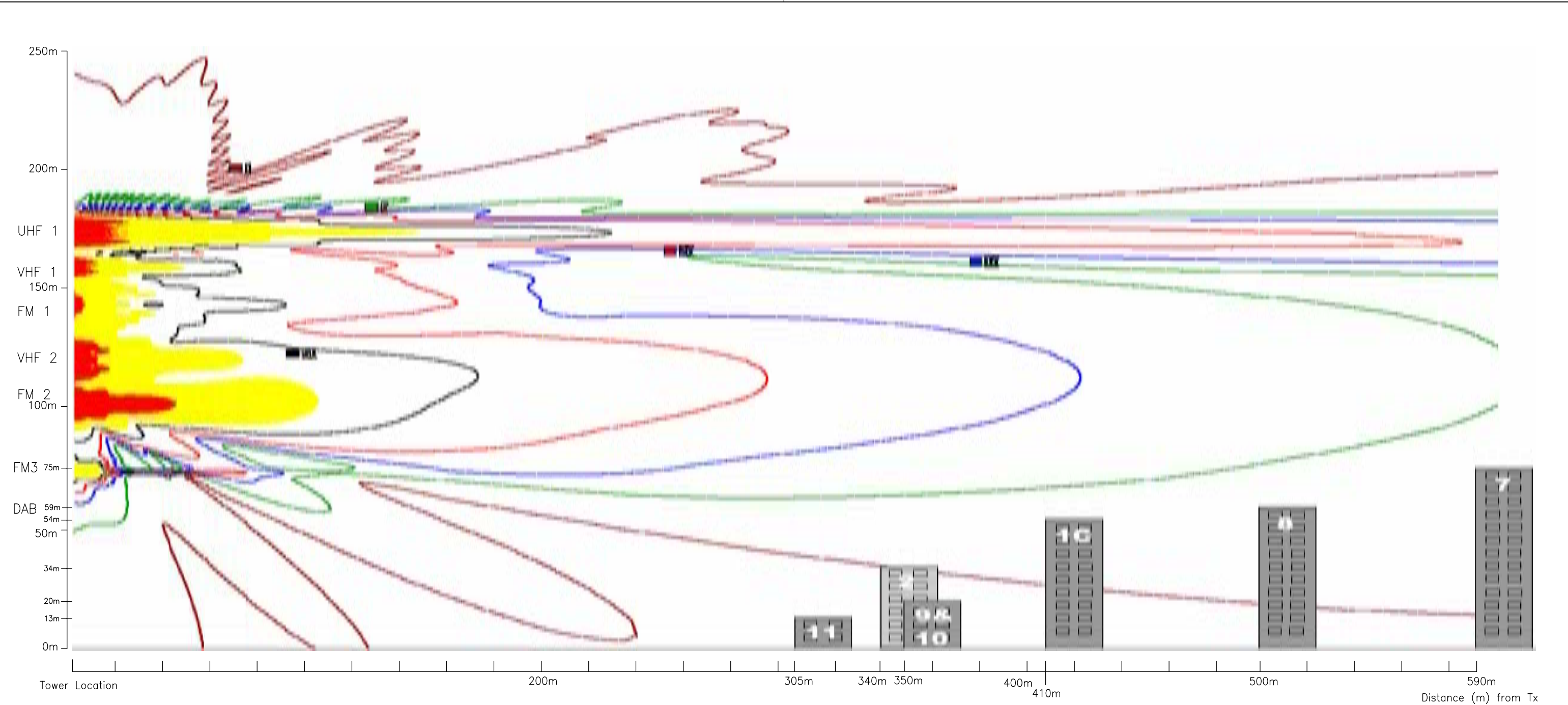
MAXIMUM RF FIELD = 1.5%
OF THE ARPANSA REFERENCE LEVEL
(BUILDING 7)

ANTENNA / TRANSMITTER STATUS			
Antenna	Service	Frequency	Power
UHF 1 (Band 4/5)	BAND 4 UHF TV	526MHz–820MHz	64kW
VHF 1 (Band 3)	BAND 3 VHF TV	174MHz–230MHz	7.5kW
FM 1 (Main)	BAND 2 FM Radio	88MHz–108MHz	140kW
VHF 2 (Band 1)	BAND 1 VHF TV	45MHz–70MHz	40kW
FM 2 (Standby)	BAND 2 FM Radio	88MHz–108MHz	10kW
FM 3	BAND 2 FM Radio	88MHz–108MHz	0kW
DAB	BAND 2 Digital Radio	174MHz–230MHz	0kW

- AREAS ABOVE OCCUPATIONAL REFERENCE LEVEL
- AREAS ABOVE GENERAL PUBLIC REFERENCE LEVEL
- 50.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 20.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 10.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 5% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 1% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR

Note: Closest building edge used to indicate building distance to Gore Hill Transmitter site. Ground heights of the buildings are NOT shown.

The information on this drawing complies with: ARPANSA Radiation Protection Standard (Maximum Exposure Levels to Radiofrequency Fields – 3kHz to 300GHz. May 2002) AS 2772.2–1988 (Radiofrequency Radiation, Part 2: Principles and Methods of Measurement–300kHz to 100 GHz)	ISS	ORIGIN	BY	DATE	CHECKED	REVISION DETAILS		TITLE	CALCULATED RF FIELDS		ORIGIN: J>SCHREIBER	SIZE	REG
											DRAWN: R.N.Anderson	14.6.06	A3
								SUB TITLE	GORE HILL 2040 CURRENT POWER LEVEL ELEVATION VIEW (NORMAL OPERATION)		CHECKED:		
										SHEET 1 OF 6	APPROVED FOR ISSUE:	DRAWING No	ISSUE
												23704–10	A



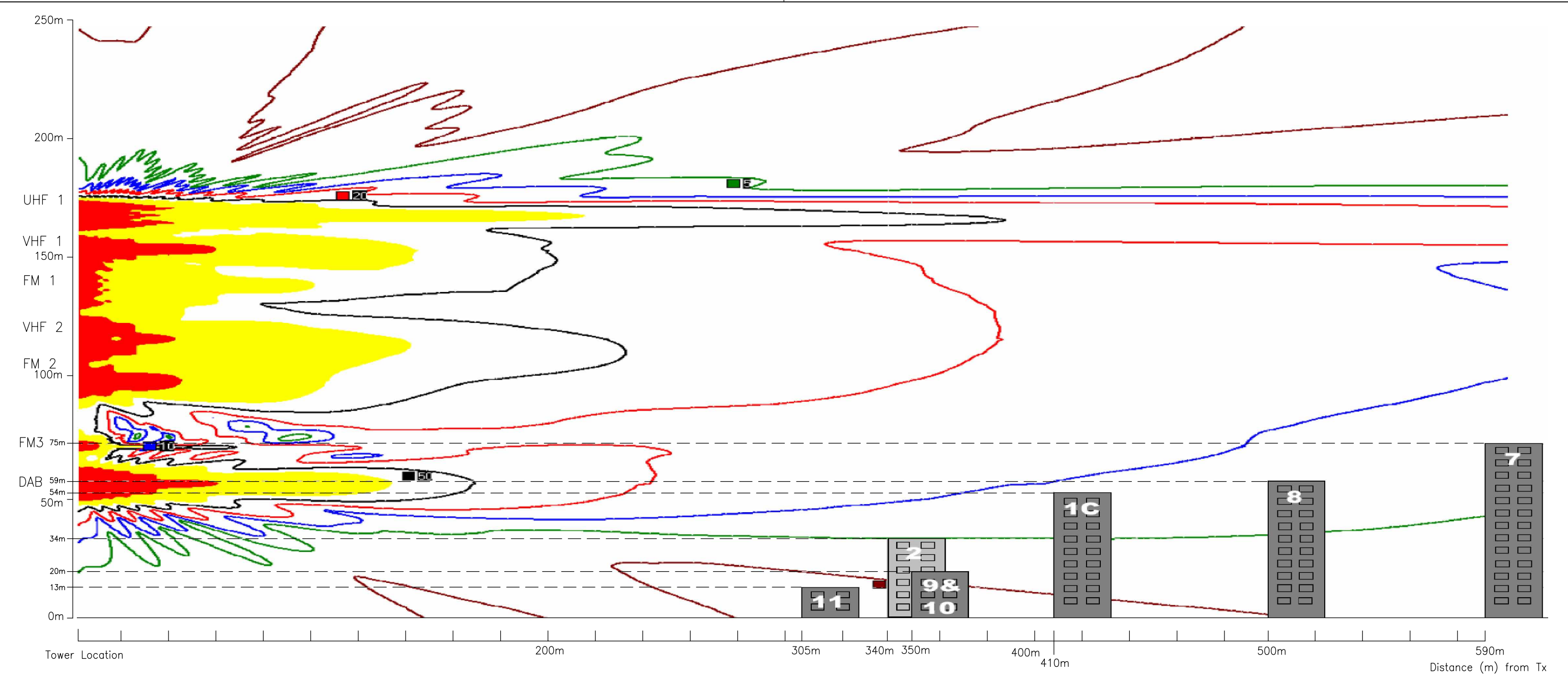
GORE HILL 2040
CURRENT POWER LEVEL
ELEVATION VIEW (STANDBY OPERATION)

MAXIMUM RF FIELD = 3.5%
OF THE ARPANSA REFERENCE LEVEL
(BUILDING 1C)

ANTENNA / TRANSMITTER STATUS			
Antenna	Service	Frequency	Power
UHF 1 (Band 4/5)	BAND 4 UHF TV	526MHz–820MHz	64kW
VHF 1 (Band 3)	BAND 3 VHF TV	174MHz–230MHz	7.5kW
FM 1 (Main)	BAND 2 FM Radio	88MHz–108MHz	60kW
VHF 2 (Band 1)	BAND 1 VHF TV	45MHz–70MHz	40kW
FM 2 (Standby)	BAND 2 FM Radio	88MHz–108MHz	80kW
FM 3	BAND 2 FM Radio	88MHz–108MHz	10kW
DAB	BAND 2 Digital Radio	174MHz–230MHz	0kW

- AREAS ABOVE OCCUPATIONAL REFERENCE LEVEL
- AREAS ABOVE GENERAL PUBLIC REFERENCE LEVEL
- 50.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 20.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 10.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 5% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 1% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR

Note: Closest building edge used to indicate building distance to Gore Hill Transmitter site. Ground heights of the buildings are NOT shown.



GORE HILL 2040
MAXIMUM POWER LEVEL
ELEVATION VIEW

MAXIMUM RF FIELD = 9.5%
OF THE ARPANSA REFERENCE LEVEL
(BUILDING 1C)

ANTENNA / TRANSMITTER STATUS			
Antenna	Service	Frequency	Power
UHF 1 (Band 4/5)	BAND 4 UHF TV	526MHz–820MHz	81kW
VHF 1 (Band 3)	BAND 3 VHF TV	174MHz–230MHz	60kW
FM 1 (Main)	BAND 2 FM Radio	88MHz–108MHz	140kW
VHF 2 (Band 1)	BAND 1 VHF TV	45MHz–70MHz	60kW
FM 2 (Standby)	BAND 2 FM Radio	88MHz–108MHz	80kW
FM 3	BAND 2 FM Radio	88MHz–108MHz	30kW
DAB	BAND 2 Digital Radio	174MHz–230MHz	48kW

- AREAS ABOVE OCCUPATIONAL REFERENCE LEVEL
- AREAS ABOVE GENERAL PUBLIC REFERENCE LEVEL
- 50.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 20.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 10.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 5% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 1% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR

Note: Closest building edge used to indicate building distance to Gore Hill Transmitter site. Ground heights of the buildings are NOT shown.

The information on this drawing complies with:
ARPANSA Radiation Protection Standard (Maximum Exposure Levels to Radiofrequency Fields – 3kHz to 300GHz. May 2002)
AS 2772.2–1988 (Radiofrequency Radiation, Part 2: Principles and Methods of Measurement–300kHz to 100 GHz)

ISS	ORIGIN	BY	DATE	CHECKED	REVISION DETAILS

TITLE	CALCULATED RF FIELDS
SUB TITLE	GORE HILL 2040 MAXIMUM POWER LEVEL ELEVATION VIEW

SHEET 3 OF 6

ORIGIN: J.SCHREIBER	SIZE: A3	REG:
DRAWN: R.N.Anderson	15.6.06	
CHECKED:		
APPROVED FOR ISSUE:	DRAWING No: 23704–12	ISSUE: A



GORE HILL 2040
MAXIMUM POWER LEVEL
146m AHD PLAN VIEW

MAXIMUM RF FIELD = 9.5%
OF THE ARPANSA REFERENCE LEVEL
(BUILDING 1C)

ANTENNA / TRANSMITTER STATUS			
Antenna	Service	Frequency	Power
UHF 1 (Band 4/5)	BAND 4 UHF TV	526MHz–820MHz	81kW
VHF 1 (Band 3)	BAND 3 VHF TV	174MHz–230MHz	60kW
FM 1 (Main)	BAND 2 FM Radio	88MHz–108MHz	140kW
VHF 2 (Band 1)	BAND 1 VHF TV	45MHz–70MHz	60kW
FM 2 (Standby)	BAND 2 FM Radio	88MHz–108MHz	80kW
FM 3	BAND 2 FM Radio	88MHz–108MHz	30kW
DAB	BAND 2 Digital Radio	174MHz–230MHz	48kW

Note: Closest building edge used to indicate building distance to Gore Hill Transmitter site. Ground heights of the buildings are NOT shown.

- AREAS ABOVE OCCUPATIONAL REFERENCE LEVEL
- AREAS ABOVE GENERAL PUBLIC REFERENCE LEVEL
- 50.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 20.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 10.0% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 5% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR
- 1% OF GENERAL PUBLIC REFERENCE LEVEL CONTOUR



The information on this drawing complies with:
ARPANSA Radiation Protection Standard (Maximum Exposure Levels to Radiofrequency Fields – 3kHz to 300GHz. May 2002)
AS 2772.2–1988 (Radiofrequency Radiation, Part 2: Principles and Methods of Measurement–300kHz to 100 GHz)

ISS	ORIGIN	BY	DATE	CHECKED	REVISION DETAILS

TITLE	CALCULATED RF FIELDS
SUB TITLE	GORE HILL 2040 MAXIMUM POWER LEVEL 146m AHD PLAN VIEW

SHEET 4 OF 6

ORIGIN: J.SCHREIBER	20.6.06
DRAWN: R.N.Anderson	
CHECKED:	
APPROVED FOR ISSUE:	

SIZE	REG
A3	
DRAWING No	ISSUE
23704–13	A