

DSAT 1

Astra 2E (28.2° East)

Transponder 45

Frequency: 10.77325 GHz

Horizontal polarisation

Modulation: DVB-S, QPSK

Symbol rate: 22.0 Mbaud

FEC 5/6

Transport Stream ID: 2045

Channel	SID
BBC ONE London	6301
BBC TWO England	6302
BBC FOUR	6316
CBeebies	6318
BBC ONE West (Bristol)	6341
BBC ONE East (W) (Cambridge)	6351
BBC ONE Channel Islands	6361
CBBC	6370
BBC Red Button	6380
BBC Radio Cymru Mwy	6381

DSAT 2

Astra 2E (28.2° East)

Transponder 47

Frequency: 10.80275 GHz

Horizontal polarisation

Modulation: DVB-S, QPSK

Symbol rate: 22.0 Mbaud
FEC 5/6
Transport Stream ID: 2047

Channel	SID
BBC ONE Scotland	6421
BBC TWO Scotland	6422
BBC ALBA	6423
BBC North West (Manchester)	6441
BBC ONE Yorkshire (Leeds)	6451
BBC ONE South East (Tunbridge Wells)	6461
BBC ONE North East & Cumbria (Newcastle)	6471
BBC Radio 1	6450
BBC Radio 1Xtra	6466
BBC Radio 2	6452
BBC Radio 5 Live	6401
BBC Radio 5 Live Sports Extra	6464
BBC Asian Network	6460
BBC London	6470

DSAT 4

Astra 2E (28.2° East)

Transponder 50

Frequency: 10.84700 GHz

Vertical polarisation

Modulation: DVB-S2, 8PSK

Symbol rate: 23.0 Mbaud

FEC 2/3

Transport Stream ID: 2050

Channel	SID
BBC ONE HD (England)	6941
BBC ONE Northern Ireland HD	6943
BBC TWO HD	6940
CBBC HD	6952

DSAT 5

Astra 2E (28.2° East)

Transponder 46

Frequency: 10.78800 GHz

Vertical polarisation

Modulation: DVB-S, QPSK

Symbol rate: 22.0 Mbaud

FEC 5/6

Transport Stream ID: 2046

Channel	SID
BBC ONE Wales	10311
BBC TWO Wales	10312

BBC ONE West Midlands (Birmingham)	10301
BBC ONE Yorks & Lincs (Hull)	10303
BBC ONE East Midlands (Nottingham)	10305
BBC ONE East (E) (Norwich)	10306
BBC Parliament	10307
BBC Radio 3	10380
BBC Radio 4	10381
BBC Radio 4 LW	10382
BBC Radio 4 Extra	10384
BBC Radio 6 Music	10383
BBC World Service	10385
BBC Radio Scotland	10386
BBC Radio nan-Gaidheal	10387
BBC Radio Wales	10388
BBC Radio Cymru	10389
BBC Radio Ulster	10390

DSAT 6

Astra 2E (28.2° East)

Transponder 48

Frequency: 10.81750 GHz

Vertical polarisation

Modulation: DVB-S, QPSK

Symbol rate: 22.0 Mbaud

FEC 5/6

Transport Stream ID: 2048

Channel	SID
BBC ONE Northern Ireland	10361
BBC TWO Northern Ireland	10362
BBC ONE South (Southampton)	10353
BBC ONE South West (Plymouth)	10354
BBC ONE Oxfordshire	10356
CBBC	10352
BBC NEWS	10358

DSAT 8

Astra 2G (28.2° East)

Transponder 61

Frequency: 11.02325 GHz

Horizontal polarisation

Modulation: DVB-S2, 8PSK

Symbol rate: 23.0 Mbaud

FEC 2/3

Transport Stream ID: 2061

Channel	SID
BBC ONE Scotland HD	8901
BBC ONE Wales HD	8911
BBC FOUR HD	8931
CBeebies HD	8932
BBC NEWS HD	8921

HOTBIRD

Satellite	Eutelsat Hotbird 13D
Satellite Orbital Position	13° East
Transponder Number	130
Space Segment Downlink Centre Frequency	11.117GHz
Space Segment Downlink Polarisation	Vertical
Forward Error Correction (FEC)	3/4
Symbol rate	27.5Msymbol/s

Service Name	SID
BBC Arabic TV	14616
BBC Arabic Radio	14617
BBC English (Europe)	14618
BBC English Middle East	14619

FEC = forward error correction

SID = service ID