

# ETSI TS 125 101 V12.10.0 (2016-04)



**Universal Mobile Telecommunications System (UMTS);  
User Equipment (UE) radio transmission and reception (FDD)  
(3GPP TS 25.101 version 12.10.0 Release 12)**



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**Reference**RTS/TSGR-0425101vca0

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**Keywords**UMTS

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# Contents

Intellectual Property Rights .....	2
Foreword.....	2
Modal verbs terminology.....	2
Foreword.....	14
1 Scope .....	15
2 References .....	15
3 Definitions, symbols and abbreviations .....	15
3.1 Definitions .....	15
3.2 Abbreviations .....	17
4 General .....	19
4.1 Relationship between Minimum Requirements and Test Requirements .....	19
4.2 Power Classes.....	19
4.3 Control and monitoring functions .....	19
4.3.1 Minimum requirement .....	20
4.4 RF requirements in later releases .....	20
5 Frequency bands and channel arrangement.....	20
5.1 General .....	20
5.2 Frequency bands.....	20
5.3 TX-RX frequency separation .....	22
5.4 Channel arrangement.....	23
5.4.1 Channel spacing .....	23
5.4.2 Channel raster .....	24
5.4.3 Channel number .....	24
5.4.4 UARFCN.....	26
6 Transmitter characteristics .....	27
6.1 General .....	27
6.2 Transmit power .....	27
6.2.1 UE maximum output power.....	27
6.2.1A UE maximum output power for UL OLTD .....	29
6.2.1B UE maximum output power for UL CLTD .....	30
6.2.1C UE maximum output power for UL MIMO.....	30
6.2.2 UE maximum output power with HS-DPCCH and E-DCH.....	31
6.2.2A UE maximum output power for DC-HSUPA.....	32
6.2.2B UE maximum output power with HS-DPCCH and E-DCH for UL OLTD.....	33
6.2.2C UE maximum output power with HS-DPCCH and E-DCH for UL CLTD.....	33
6.2.2D UE maximum output power with HS-DPCCH and E-DCH for UL MIMO .....	34
6.2.3 UE Relative code domain power accuracy .....	34
6.2.3A UE Relative code domain power accuracy for DC-HSUPA.....	35
6.2.3B UE Relative code domain power accuracy for UL OLTD.....	36
6.2.3C UE Relative code domain power accuracy for UL CLTD .....	36
6.2.3D UE Relative code domain power accuracy for UL MIMO .....	36
6.3 Frequency Error.....	36
6.3A Frequency Error for DC-HSUPA .....	36
6.3B Frequency error for UL OLTD.....	36
6.3C Frequency error for UL CLTD.....	36
6.3D Frequency error for UL MIMO .....	37
6.4 Output power dynamics.....	37
6.4.1 Open loop power control .....	37
6.4.1.1 Minimum requirement .....	37
6.4.1.1A Additional requirement for DC-HSUPA.....	37
6.4.2 Inner loop power control in the uplink.....	37
6.4.2.1 Power control steps .....	37

6.4.2.1.1	Minimum requirement.....	37
6.4.2.1.1A	Additional requirement for DC-HSUPA.....	39
6.4.2.1.1B	Additional requirement for UL OLTD.....	39
6.4.2.1.1C	Additional requirement for UL CLTD.....	39
6.4.2.1.1D	Additional requirement for UL MIMO.....	39
6.4.3	Minimum output power.....	39
6.4.3.1	Minimum requirement.....	39
6.4.3.1A	Additional requirement for DC-HSUPA.....	40
6.4.3.1B	Additional requirement for UL OLTD.....	40
6.4.3.1C	Additional requirement for UL CLTD.....	40
6.4.3.1D	Additional requirement for UL MIMO.....	40
6.4.4	Out-of-synchronization handling of output power.....	40
6.4.4.1	Minimum requirement.....	40
6.4.4.1A	Additional requirement for UL OLTD.....	41
6.4.4.1B	Additional requirement for UL CLTD.....	41
6.4.4.1C	Additional requirement for UL MIMO.....	41
6.4.4.2	Test case.....	41
6.4A	Output pattern dynamics.....	43
6.4A.1	Out-of-quality handling of TPI applicability.....	43
6.4A.1.1	Minimum requirement.....	43
6.4A.1.2	Test case.....	43
6.5	Transmit ON/OFF power.....	45
6.5.1	Transmit OFF power.....	45
6.5.1.1	Minimum requirement.....	45
6.5.1.1A	Additional requirement for DC-HSUPA.....	45
6.5.1.1B	Additional requirement for UL OLTD.....	46
6.5.1.1C	Additional requirement for UL CLTD.....	46
6.5.1.1D	Additional requirement for UL MIMO.....	46
6.5.2	Transmit ON/OFF Time mask.....	46
6.5.2.1	Minimum requirement.....	46
6.5.2.1A	Additional requirement for UL OLTD.....	49
6.5.2.1B	Additional requirement for UL CLTD.....	49
6.5.2.1C	Additional requirement for UL MIMO.....	49
6.5.3	Change of TFC.....	49
6.5.3.1	Minimum requirement.....	49
6.5.3.1A	Additional requirement for UL OLTD.....	51
6.5.3.1B	Additional requirement for UL CLTD.....	51
6.5.4	Power setting in uplink compressed mode.....	51
6.5.4.1	Minimum requirement.....	51
6.5.4.1A	Additional requirement for UL OLTD.....	53
6.5.4.1B	Additional requirement for UL CLTD.....	53
6.5.5	HS-DPCCH.....	53
6.5.5.1	Minimum requirement.....	53
6.5.5.1A	Additional requirement for UL OLTD.....	55
6.5.5.1B	Additional requirement for UL CLTD.....	55
6.5.5.1C	Additional requirement for UL MIMO.....	55
6.6	Output RF spectrum emissions.....	55
6.6.1	Occupied bandwidth.....	55
6.6.1A	Occupied bandwidth for DC-HSUPA.....	55
6.6.1B	Occupied bandwidth for UL OLTD.....	56
6.6.1C	Occupied bandwidth for UL CLTD.....	56
6.6.1D	Occupied bandwidth for UL MIMO.....	56
6.6.2	Out of band emission.....	56
6.6.2.1	Spectrum emission mask.....	56
6.6.2.1.1	Minimum requirement.....	56
6.6.2.1A	Additional Spectrum emission mask for DC-HSUPA.....	58
6.6.2.1A.1	Minimum requirement.....	58
6.6.2.1A.2	Additional requirement for band II, IV, V, X, XXV and XXVI.....	58
6.6.2.1B	Additional requirement for UL OLTD.....	59
6.6.2.1C	Additional requirement for UL CLTD.....	59
6.6.2.1D	Additional requirement for UL MIMO.....	59
6.6.2.2	Adjacent Channel Leakage power Ratio (ACLR).....	59

6.6.2.2.1	Minimum requirement.....	59
6.6.2.2.1A	Additional requirement for DC-HSUPA.....	59
6.6.2.2.1B	Additional requirement for UL OLTD.....	60
6.6.2.2.1C	Additional requirement for UL CLTD.....	60
6.6.2.2.1D	Additional requirement for UL MIMO.....	60
6.6.3	Spurious emissions.....	60
6.6.3.1	Minimum requirement.....	60
6.6.3.1.1	Additional requirement.....	66
6.6.3.1A	Additional requirement for DC-HSUPA.....	67
6.6.3.1A.1	Additional requirement for DC-HSUPA.....	72
6.6.3.1B	Additional requirement for UL OLTD.....	72
6.6.3.1C	Additional requirement for UL CLTD.....	72
6.6.3.1D	Additional requirement for UL MIMO.....	73
6.7	Transmit intermodulation.....	73
6.7.1	Minimum requirement.....	73
6.7.1A	Additional requirement for DC-HSUPA.....	73
6.7.1B	Additional requirement for UL OLTD.....	73
6.7.1C	Additional requirement for UL CLTD.....	73
6.7.1D	Additional requirement for UL MIMO.....	74
6.8	Transmit modulation.....	74
6.8.1	Transmit pulse shape filter.....	74
6.8.1A	Additional requirement for UL OLTD.....	74
6.8.1B	Additional requirement for UL CLTD.....	74
6.8.1C	Additional requirement for UL MIMO.....	74
6.8.2	Error Vector Magnitude.....	74
6.8.2.1	Minimum requirement.....	75
6.8.2.1A	Additional requirement for DC-HSUPA.....	75
6.8.2.1B	Additional requirement for UL OLTD.....	76
6.8.2.1C	Additional requirement for UL CLTD.....	76
6.8.2.1D	Additional requirement for UL MIMO.....	76
6.8.3	Peak code domain error.....	77
6.8.3.1	Minimum requirement.....	77
6.8.3.1A	Additional requirement for UL OLTD.....	77
6.8.3.1B	Additional requirement for UL CLTD.....	77
6.8.3a	Relative code domain error.....	77
6.8.3a.1	Relative Code Domain Error.....	77
6.8.3a.1.1	Minimum requirement.....	78
6.8.3a.1.1a	Additional requirement for DC-HSUPA.....	79
6.8.3a.1.1b	Additional requirement for UL OLTD.....	79
6.8.3a.1.1c	Additional requirement for UL CLTD.....	79
6.8.3a.1.1d	Additional requirement for UL MIMO.....	79
6.8.3b	In-band emission for DC-HSUPA.....	79
6.8.3b.1	Minimum requirement for DC-HSUPA.....	79
6.8.4	Phase discontinuity for uplink DPCH.....	80
6.8.4.1	Minimum requirement.....	80
6.8.4.1A	Additional requirement for UL OLTD.....	80
6.8.4.1B	Additional requirement for UL CLTD.....	80
6.8.5	Phase discontinuity for HS-DPCCH.....	80
6.8.5.1	Minimum requirement.....	81
6.8.5.1A	Additional requirement for UL OLTD.....	81
6.8.5.1B	Additional requirement for UL CLTD.....	81
6.8.6	Phase discontinuity for E-DCH.....	81
6.8.6.1	Minimum requirement.....	82
6.8.6.1A	Additional requirement for UL OLTD.....	82
6.8.6.1B	Additional requirement for UL CLTD.....	83
6.8.7	Time alignment error for DC-HSUPA.....	83
6.8.7.1	Minimum requirement.....	83
6.8.7A	Time alignment error for UL OLTD.....	83
6.8.7A.1	Minimum requirement.....	83
6.8.7B	Time alignment error for UL CLTD.....	83
6.8.7B.1	Minimum requirement.....	83
6.8.7C	Time alignment error for UL MIMO.....	83

6.8.7C.1	Minimum requirement .....	83
7	Receiver characteristics .....	83
7.1	General .....	83
7.2	Diversity characteristics .....	85
7.3	Reference sensitivity level.....	85
7.3.1	Minimum requirement .....	85
7.3.2	Additional requirement for DC-HSDPA.....	87
7.3.3	Additional requirement for DB-DC-HSDPA.....	89
7.3.4	Additional requirement for single band 4C-HSDPA .....	90
7.3.5	Additional requirement for dual band 4C-HSDPA.....	91
7.3.6	Additional requirement for single band 8C-HSDPA .....	91
7.3.7	Additional requirement for single band NC-4C-HSDPA .....	92
7.4	Maximum input level .....	93
7.4.1	Minimum requirement for DPCH reception .....	93
7.4.2	Minimum requirement for HS-PDSCH reception.....	93
7.4.2.1	Minimum requirement for 16QAM.....	93
7.4.2.2	Minimum requirement for 64QAM.....	94
7.4.3	Additional requirement for DC-HSDPA and DB-DC-HSDPA .....	95
7.4.3.1	Additional requirement for 16QAM.....	95
7.4.3.2	Additional requirement for 64QAM.....	95
7.4.4	Additional requirement for single band/dual band 4C-HSDPA or single band 8C-HSDPA and single band NC-4C-HSDPA.....	96
7.4.4.1	Additional requirement for 16QAM.....	96
7.4.4.2	Additional requirement for 64QAM.....	97
7.5	Adjacent Channel Selectivity (ACS).....	97
7.5.1	Minimum requirement .....	98
7.5.2	Additional requirement for DC-HSDPA and DB-DC-HSDPA .....	98
7.5.3	Additional requirement for single band/dual band 4C-HSDPA.....	99
7.5.4	Additional requirement for single band 8C-HSDPA .....	102
7.5.5	Additional requirement for single band NC-4C-HSDPA .....	103
7.6	Blocking characteristics .....	104
7.6.1	Minimum requirement (In-band blocking) .....	105
7.6.1A	Additional requirement for DC-HSDPA and DB-DC-HSDPA (In-band blocking) .....	106
7.6.1B	Additional requirement for DC-HSUPA (In-band blocking).....	108
7.6.1C	Additional requirement for single band 4C-HSDPA (In-band blocking) .....	110
7.6.1C.1	Single uplink operation .....	110
7.6.1C.2	Dual uplink operation.....	111
7.6.1D	Additional requirement for dual band 4C-HSDPA (In-band blocking) .....	112
7.6.1D.1	Single uplink operation .....	112
7.6.1D.2	Dual uplink operation.....	113
7.6.1E	Additional requirement for single band 8C-HSDPA (In-band blocking) .....	115
7.6.1E.1	Single uplink operation .....	115
7.6.1E.2	Dual uplink operation.....	115
7.6.1F	Additional requirement for single band NC-4C-HSDPA (In-band blocking).....	116
7.6.1F.1	Single uplink operation .....	116
7.6.1F.2	Dual uplink operation.....	117
7.6.2	Minimum requirement (Out-of-band blocking).....	118
7.6.2A	Additional requirement for DC-HSDPA (Out-of-band blocking) .....	120
7.6.2B	Additional requirement for DB-DC-HSDPA (Out-of-band blocking).....	122
7.6.2C	Additional requirement for single band 4C-HSDPA (Out-of-band blocking) .....	123
7.6.2D	Additional requirement for dual band 4C-HSDPA (Out-of-band blocking).....	124
7.6.2E	Additional requirement for single band 8C-HSDPA (Out-of-band blocking) .....	126
7.6.2F	Additional requirement for single band NC-4C-HSDPA (Out-of-band blocking) .....	127
7.6.3	Minimum requirement (Narrow band blocking).....	128
7.6.3A	Additional requirement for DC-HSDPA and DB-DC-HSDPA (Narrow band blocking).....	128
7.6.3B	Additional requirement for DC-HSUPA (Narrow band blocking) .....	129
7.6.3C	Additional requirement for single band 4C-HSDPA (Narrow band blocking) .....	129
7.6.3C.1	Single uplink operation .....	129
7.6.3C.2	Dual uplink operation.....	130
7.6.3D	Additional requirement for dual band 4C-HSDPA (Narrow band blocking).....	130
7.6.3D.1	Single uplink operation .....	131

7.6.3D.2	Dual uplink operation.....	131
7.6.3E	Additional requirement for single band NC-4C-HSDPA (Narrow band blocking).....	132
7.6.3E.1	Single uplink operation .....	132
7.6.3E.2	Dual uplink operation.....	133
7.7	Spurious response.....	134
7.7.1	Minimum requirement .....	134
7.7.2	Additional requirement for DC-HSDPA, DB-DC-HSDPA, single band/dual band 4C-HSDPA and single band 8C-HSDPA and single band NC-4C-HSDPA .....	135
7.8	Intermodulation characteristics .....	135
7.8.1	Minimum requirement .....	135
7.8.1A	Additional requirement for DC-HSDPA and DB-DC-HSDPA .....	136
7.8.1B	Additional requirement for DC-HSUPA.....	136
7.8.1C	Additional requirement for single band 4C-HSDPA .....	138
7.8.1C.1	Single uplink operation .....	138
7.8.1C.2	Dual uplink operation.....	138
7.8.1D	Additional requirement for dual band 4C-HSDPA .....	139
7.8.1D.1	Single uplink operation .....	139
7.8.1D.2	Dual uplink operation.....	140
7.8.1E	Additional requirement for single band 8C-HSDPA .....	141
7.8.1E.1	Single uplink operation .....	141
7.8.1E.2	Dual uplink operation.....	142
7.8.1F	Additional requirement for single band NC-4C-HSDPA .....	143
7.8.1F.1	Single uplink operation .....	143
7.8.1F.2	Dual uplink operation.....	143
7.8.2	Minimum requirement (Narrow band).....	144
7.8.2A	Additional requirement for DC-HSDPA and DB-DC-HSDPA (Narrow band).....	145
7.8.2B	Additional requirement for DC-HSUPA (Narrow band) .....	145
7.8.2C	Additional requirement for single band 4C-HSDPA (Narrow band).....	146
7.8.2C.1	Single uplink operation .....	146
7.8.2C.2	Dual uplink operation.....	147
7.8.2D	Additional requirement for dual band 4C-HSDPA (Narrow band) .....	147
7.8.2D.1	Single uplink operation .....	147
7.8.2D.2	Dual uplink operation.....	148
7.8.2E	Additional requirement for single band NC-4C-HSDPA (Narrow band).....	150
7.8.2E.1	Single uplink operation .....	150
7.8.2E.2	Dual uplink operation.....	150
7.9	Spurious emissions .....	151
7.9.1	Minimum requirement .....	151
7.9.1A	Minimum requirement .....	152
7.10	Reference input power adjustment for a dual band device .....	153
8	Performance requirement .....	153
8.1	General .....	153
8.2	Demodulation in static propagation conditions .....	154
8.2.1	(void) .....	154
8.2.2	(void) .....	154
8.2.3	Demodulation of Dedicated Channel (DCH).....	154
8.2.3.1	Minimum requirement .....	154
8.2.4	Demodulation of Dedicated Channel (DCH) when DL_DCH_FET_Config [10] is configured by higher layers.....	154
8.2.4.1	Minimum requirement .....	155
8.3	Demodulation of DCH in multi-path fading propagation conditions .....	155
8.3.1	Single Link Performance .....	155
8.3.1.1	Minimum requirement .....	155
8.3.2	Single Link Performance when DL_DCH_FET_Config [10] is configured by higher layers .....	158
8.3.2.1	Minimum requirement .....	158
8.4	Demodulation of DCH in moving propagation conditions.....	160
8.4.1	Single link performance .....	160
8.4.1.1	Minimum requirement .....	160
8.5	Demodulation of DCH in birth-death propagation conditions .....	161
8.5.1	Single link performance.....	161
8.5.1.1	Minimum requirement .....	161



8.5A	Demodulation of DCH in high speed train condition .....	161
8.5A.1	General .....	161
8.5A.2	Minimum requirement .....	161
8.6	Demodulation of DCH in downlink Transmit diversity modes .....	162
8.6.1	Demodulation of DCH in open-loop transmit diversity mode .....	162
8.6.1.1	Minimum requirement .....	162
8.6.2	Demodulation of DCH in closed loop transmit diversity mode .....	163
8.6.2.1	Minimum requirement .....	163
8.6.3	(void) .....	164
8.7	Demodulation in Handover conditions .....	164
8.7.1	Demodulation of DCH in Inter-Cell Soft Handover .....	164
8.7.1.1	Minimum requirement .....	164
8.7.1A	Demodulation of DCH in Inter-Cell Soft Handover when DL_DCH_FET_Config [10] is configured by higher layers .....	165
8.7.1A.1	Minimum requirement .....	165
8.7.2	Combining of TPC commands from radio links of different radio link sets .....	166
8.7.2.1	Minimum requirement .....	166
8.7.2A	Combining of TPC commands from radio links of different radio link sets when DL_DCH_FET_Config [10] is configured by higher layers .....	166
8.7.2A.1	Minimum requirement .....	166
8.7.2B	Combining of TPC commands from radio links of different radio link sets when DPCH2 is configured .....	167
8.7.2B.1	Minimum requirement .....	167
8.7.3	Combining of reliable TPC commands from radio links of different radio link sets .....	168
8.7.3.1	Minimum requirement .....	168
8.7.4	Combining of reliable TPC commands from radio links of different radio link sets when DL_DCH_FET_Config [10] is configured by higher layers .....	169
8.7.4.1	Minimum requirement .....	169
8.8	Power control in downlink .....	170
8.8.1	Power control in the downlink, constant BLER target .....	170
8.8.1.1	Minimum requirements .....	170
8.8.1A	Power control in the downlink, constant BLER target when DL_DCH_FET_Config [10] is configured by higher layers .....	172
8.8.1A.1	Minimum requirements .....	172
8.8.2	Power control in the downlink, initial convergence .....	173
8.8.2.1	Minimum requirements .....	173
8.8.2A	Power control in the downlink, initial convergence when DL_DCH_FET_Config [10] is configured by higher layers .....	175
8.8.2A.1	Minimum requirements .....	175
8.8.3	Power control in downlink, wind up effects .....	176
8.8.3.1	Minimum requirements .....	176
8.8.3A	Power control in downlink, wind up effects when DL_DCH_FET_Config [10] is configured by higher layers .....	177
8.8.3A.1	Minimum requirements .....	177
8.8.4	Power control in the downlink, different transport formats .....	179
8.8.4.1	Minimum requirements .....	179
8.8.4A	Power control in the downlink, different transport formats .....	180
8.8.4A.1	Minimum requirements .....	180
8.8.5	Power control in the downlink for F-DPCH .....	182
8.8.5.1	Minimum requirements .....	182
8.9	Downlink compressed mode .....	182
8.9.1	Single link performance .....	182
8.9.1.1	Minimum requirements .....	183
8.10	Blind transport format detection .....	183
8.10.1	Minimum requirement .....	183
8.11	Detection of Broadcast channel (BCH) .....	184
8.11.1	Minimum requirement without transmit diversity .....	184
8.11.2	Minimum requirement with open loop transmit diversity .....	185
8.11A	Detection of Broadcast channel (BCH) mapped to S-CCPCH .....	185
8.11A.1	Minimum requirement without transmit diversity .....	185
8.11.2	Minimum requirement with open loop transmit diversity .....	186
8.12	Demodulation of Paging Channel (PCH) .....	186

8.12.1	Minimum requirement .....	186
8.13	Detection of Acquisition Indicator (AI) .....	187
8.13.1	Minimum requirement .....	187
8.13A	Detection of E-DCH Acquisition Indicator (E-AI) .....	187
8.13A.1	Minimum requirement .....	187
8.14	UE UL power control operation with discontinuous UL DPCCH transmission operation .....	188
8.14.1	Minimum requirement .....	188
8.15	(void) .....	189
8.16	(void) .....	189
9	Performance requirement (HSDPA) .....	189
9.1	(void) .....	190
9.2	Demodulation of HS-DSCH (Fixed Reference Channel) .....	190
9.2.1	Single Link performance .....	204
9.2.1.1	Requirement QPSK, Fixed Reference Channel (FRC) H-Set 1/2/3/3A/3B/3C/3E .....	204
9.2.1.2	Requirement 16QAM, Fixed Reference Channel (FRC) H-Set 1/2/3 .....	206
9.2.1.3	Minimum requirement QPSK, Fixed Reference Channel (FRC) H-Set 4/5 .....	207
9.2.1.4	Requirement QPSK, Fixed Reference Channel (FRC) H-Set 6/6A/6B/6C/6E .....	208
9.2.1.5	Requirement 16QAM, Fixed Reference Channel (FRC) H-Set 6/6A/6B/6C/6E .....	210
9.2.1.6	Requirement 64QAM, Fixed Reference Channel (FRC) H-Set 8/8A/8B/8C/8E .....	212
9.2.1.7	Requirement QPSK, Fixed Reference Channel (FRC) H-Set 10/10A/10B/10C/10E .....	214
9.2.1.8	Requirement 16QAM, Fixed Reference Channel (FRC) H-Set 10/10A/10B/10C/10E .....	215
9.2.2	Open Loop Diversity performance .....	216
9.2.2.1	Requirement QPSK, Fixed Reference Channel (FRC) H-Set 1/2/3/3A/3B/3C/3E .....	216
9.2.2.2	Requirement 16QAM, Fixed Reference Channel (FRC) H-Set 1/2/3/3A/3B/3C/3E .....	217
9.2.2.3	Minimum requirement QPSK, Fixed Reference Channel (FRC) H-Set 4/5 .....	218
9.2.3	Closed Loop Diversity Performance .....	219
9.2.3.1	Requirement QPSK, Fixed Reference Channel (FRC) H-Set 1/2/3 .....	219
9.2.3.2	Requirement 16QAM, Fixed Reference Channel (FRC) H-Set 1/2/3 .....	221
9.2.3.3	Minimum requirement QPSK, Fixed Reference Channel (FRC) H-Set 4/5 .....	222
9.2.3.4	Requirement QPSK, Fixed Reference Channel (FRC) H-Set 6 .....	223
9.2.3.5	Requirement 16QAM, Fixed Reference Channel (FRC) H-Set 6 .....	223
9.2.4	MIMO Performance .....	224
9.2.4.1	Requirement Fixed Reference Channel (FRC) H-Set 9/9A/9B/9C/9E .....	224
9.2.4.2	Requirement Fixed Reference Channel (FRC) H-Set 11/11A/11B/11C/11E .....	226
9.2.4A	MIMO only with single-stream restriction Performance .....	228
9.2.4A.1	Requirement QPSK, Fixed Reference Channel (FRC) H-Set 1/1A/1B/1C/1E .....	228
9.2.4A.2	Requirement 16QAM, Fixed Reference Channel (FRC) H-Set 1/1A/1B/1C/1E .....	230
9.2.4B	Four Transmit Antennas MIMO Performance .....	232
9.2.4B.1	Requirement Fixed Reference Channel (FRC) H-Set 13A/13C .....	232
9.2.4B.2	Requirement Fixed Reference Channel (FRC) H-Set 14A/14C .....	233
9.2.4C	MIMO Mode with Four Transmit Antennas Only With Dual-stream Restriction Performance .....	234
9.2.4C.1	Requirement Fixed Reference Channel (FRC) H-Set 9A/9C .....	234
9.2.4C.2	Requirement Fixed Reference Channel (FRC) H-Set 11A/11C .....	235
9.2.5	Multiflow HSDPA performance .....	236
9.2.5.1	Requirement Fixed Reference Channel (FRC) H-Set 6 16QAM/QPSK .....	236
9.3	Reporting of Channel Quality Indicator .....	237
9.3.1	Single Link Performance .....	238
9.3.1.1	AWGN propagation conditions .....	238
9.3.1.1.1	Minimum Requirement – UE HS-DSCH categories 1-20 .....	238
9.3.1.1.2	Minimum Requirement – UE HS-DSCH categories 13,14,17,18, 19 and 20 .....	238
9.3.1.1.3	Additional Requirements – UE HS-DSCH categories 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 35 and 36 .....	239
9.3.1.2	Fading propagation conditions .....	240
9.3.1.2.1	Minimum Requirement – UE HS-DSCH categories 1-20 .....	240
9.3.1.2.2	Minimum Requirement – UE HS-DSCH categories 13,14,17,18, 19 and 20 .....	241
9.3.1.2.3	Additional Requirements – UE HS-DSCH categories 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 35 and 36 .....	242
9.3.1.3	Periodically varying radio conditions .....	243
9.3.1.3.1	Minimum Requirement – UE HS-DSCH categories 1-20 .....	243
9.3.2	Open Loop Diversity Performance .....	245
9.3.2.1	AWGN propagation conditions .....	245

9.3.2.1.1	Minimum Requirement – UE HS-DSCH categories 1-20 .....	245
9.3.2.1.2	Additional Requirements – UE HS-DSCH categories 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 35 and 36 .....	245
9.3.2.2	Fading propagation conditions .....	246
9.3.2.2.1	Minimum Requirement – UE HS-DSCH categories 1-20 .....	246
9.3.2.2.2	Additional Requirements – UE HS-DSCH categories 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 35 and 36 .....	247
9.3.2.3	Periodically varying radio conditions.....	247
9.3.2.3.1	Minimum Requirement – UE HS-DSCH categories 1-20 .....	248
9.3.3	Closed Loop Diversity Performance .....	249
9.3.3.1	AWGN propagation conditions.....	249
9.3.3.1.1	Minimum Requirement – UE HS-DSCH categories 1-20 .....	249
9.3.3.2	Fading propagation conditions .....	250
9.3.3.2.1	Minimum Requirement – UE HS-DSCH categories 1-20 .....	250
9.3.3.3	Periodically varying radio conditions.....	251
9.3.3.3.1	Minimum Requirement – UE HS-DSCH categories 1-20 .....	251
9.3.4	MIMO Performance.....	253
9.3.4.1	MIMO Single Stream Fading Conditions .....	253
9.3.4.1.1	Minimum Requirement - UE HS-DSCH categories 15-20.....	253
9.3.4.1.2	Additional Requirement – UE HS-DSCH categories 25-28, 30, 32 and 36 .....	254
9.3.4.2	MIMO Dual Stream Fading Conditions .....	255
9.3.4.2.1	Minimum Requirement – UE HS-DSCH categories 15-20 .....	256
9.3.4.2.2	Minimum Requirement – UE HS-DSCH categories 19-20 .....	257
9.3.4.2.3	Additional Requirement – UE HS-DSCH categories 25-28, 30, 32 and 36 .....	258
9.3.4.2.4	Additional Requirement – UE HS-DSCH categories 27, 28, 30, 32 and 36.....	260
9.3.4.3	MIMO Dual Stream Static Orthogonal Conditions .....	261
9.3.4.3.1	Minimum Requirement –UE HS-DSCH categories 15-20 .....	262
9.3.4.3.2	Minimum Requirement –UE HS-DSCH categories 19-20.....	262
9.3.4.3.3	Additional Requirement – UE HS-DSCH categories 25-28, 30, 32 and 36 .....	263
9.3.4.3.4	Additional Requirement – UE HS-DSCH categories 27, 28, 30, 32 and 36.....	264
9.3.5	MIMO only with single-stream restriction Performance .....	265
9.3.5.1	MIMO only with single-stream restriction Fading Conditions .....	265
9.3.5.1.1	Minimum Requirement .....	265
9.3.6	Multiflow HSDPA performance .....	266
9.3.6.1	Fading propagation conditions .....	266
9.3.6.1.1	Minimum Requirement .....	267
9.3.7	MIMO Performance with four transmit antennas .....	267
9.3.7.1	Four Streams Static Orthogonal Conditions.....	267
9.3.7.1.1	Minimum Requirement – UE HS-DSCH categories 37 and 38.....	268
9.3.8	MIMO with Four Transmit Antennas only with Dual-Stream Restriction Performance .....	269
9.3.8.1	MIMO with four transmit antennas only with dual-stream restriction fading conditions .....	269
9.3.8.1.1	Minimum Requirement .....	270
9.4	HS-SCCH Detection Performance .....	271
9.4.1	HS-SCCH Type 1 Single Link Performance .....	272
9.4.2	HS-SCCH Type 1 Open Loop Diversity Performance .....	272
9.4.3	HS-SCCH Type 3 Performance .....	273
9.4.4	HS-SCCH Type 3 Performance for MIMO only with single-stream restriction.....	275
9.4.5	HS-SCCH Type 4 Performance .....	277
9.4.6	HS-SCCH Type 4 Performance for MIMO mode with Four Transmit Antennas Only with Dual- stream Restriction .....	278
9.5	HS-SCCH-less demodulation of HS-DSCH (Fixed Reference Channel).....	279
9.5.1	Requirement QPSK, Fixed Reference Channel (FRC) H-Set 7 .....	280
9.6	Requirements for HS-DSCH and HS-SCCH reception in CELL_FACH state .....	280
9.6.1	HS-DSCH demodulation requirements (Single Link) .....	280
9.6.1.1	Requirement QPSK, Fixed Reference Channel (FRC) H-Set 3 .....	281
9.6.2	HS-SCCH Detection Performance.....	281
9.6.2.1	HS-SCCH Type 1 Single Link Performance.....	281
10	Performance requirement (E-DCH) .....	282
10.1	General .....	282
10.2	Detection of E-DCH HARQ ACK Indicator Channel (E-HICH).....	282
10.2.1	Single link performance .....	282

10.2.1.1	Performance requirement .....	282
10.2.2	Detection in Inter-Cell Handover conditions .....	283
10.2.2.1	Performance requirement for RLS not containing the Serving E-DCH cell .....	283
10.2.2.2	Performance requirement for RLS containing the serving E-DCH cell .....	285
10.3	Detection of E-DCH Relative Grant Channel (E-RGCH) .....	286
10.3.1	Single link performance .....	286
10.3.1.1	Performance requirement .....	286
10.3.2	Detection in Inter-Cell Handover conditions .....	288
10.3.2.1	Performance requirement for Non-serving E-DCH RL .....	288
10.3A	Determination of common E-RGCH radio links in CELL_FACH state .....	289
10.3A.1	Introduction.....	289
10.3A.2	Requirements .....	289
10.3A.2.1	Determination when a cell for common E-RGCH RL has been already identified.....	289
10.3A.2.2	Determination when a cell for common E-RGCH RL has not been identified .....	290
10.4	Demodulation of E-DCH Absolute Grant Channel (E-AGCH) .....	291
10.4.1	Single link performance .....	291
10.4.1.1	Performance requirement .....	292
10.4A	Demodulation of E-DCH Absolute Grant Channel (E-AGCH) with Time Multiplexed UE grants.....	292
10.4A.1	Single link performance .....	292
10.4A.1.1	Performance requirement .....	292
11	Performance requirement (MBMS).....	293
11.1	Demodulation of MCCH .....	294
11.1.1	Minimum requirement .....	294
11.1.2	Minimum requirement for MBSFN .....	294
11.2	Demodulation of MTCH .....	295
11.2.1	Minimum requirement .....	295
11.2.2	Minimum requirement for MBSFN .....	295
11.3	Demodulation of MTCH and cell identification.....	296
11.3.1	Minimum requirement .....	296
<b>Annex A (normative): Measurement channels .....</b>		<b>297</b>
A.1	General .....	297
A.2	UL reference measurement channel .....	297
A.2.1	UL reference measurement channel (12.2 kbps) .....	297
A.2.2	UL reference measurement channel (64 kbps) .....	298
A.2.3	UL reference measurement channel (144 kbps) .....	299
A.2.4	UL reference measurement channel (384 kbps) .....	300
A.2.5	UL reference measurement channel (768 kbps) .....	301
A.2.5A	UL reference measurement channel (768 kbps) .....	301
A.2.6	UL E-DCH reference measurement channel for DC-HSUPA using BPSK modulation .....	302
A.2.7	UL E-DCH reference measurement channel for DC-HSUPA using 16QAM modulation.....	303
A.2.8	Combinations of UL E-DCH reference measurement channel for DC-HSUPA tests .....	304
A.3	DL reference measurement channel .....	304
A.3.0	DL reference measurement channel (0 kbps) .....	304
A.3.1	DL reference measurement channel (12.2 kbps) .....	305
A.3.2	DL reference measurement channel (64 kbps) .....	306
A.3.3	DL reference measurement channel (144 kbps) .....	307
A.3.4	DL reference measurement channel (384 kbps) .....	308
A.3.5	DL reference measurement channel 2 (64 kbps) .....	309
A.3A	DL reference measurement channel .....	310
A.3A.0	DL reference measurement channel (0 kbps without DCCH) .....	310
A.3A.1	DL reference measurement channel (0 kbps with DCCH) .....	311
A.3A.2	DL reference measurement channel (12.2 kbps without DCCH) .....	312
A.3A.3	DL reference measurement channel (12.2 kbps with DCCH) .....	313
A.4	DL reference measurement channel for BTFD performance requirements .....	315
A.4A	Reference parameters for discontinuous UL DPCCH transmission.....	317
A.5	DL reference compressed mode parameters.....	317

A.6	DL reference parameters for PCH tests.....	319
A.7	DL reference channel parameters for HSDPA tests.....	320
A.7.1	Fixed Reference Channel (FRC) .....	320
A.7.1.1	Fixed Reference Channel Definition H-Set 1/1A/1B/1C/1E .....	320
A.7.1.2	Fixed Reference Channel Definition H-Set 2 .....	321
A.7.1.3	Fixed Reference Channel Definition H-Set 3/3A/3B/3C/3E .....	322
A.7.1.4	Fixed Reference Channel Definition H-Set 4 .....	323
A.7.1.5	Fixed Reference Channel Definition H-Set 5 .....	324
A.7.1.6	Fixed Reference Channel Definition H-Set 6/6A/6B/6C/6E .....	325
A.7.1.7	Fixed Reference Channel Definition H-Set 7 .....	326
A.7.1.8	Fixed Reference Channel Definition H-Set 8/8A/8B/8C/8E .....	327
A.7.1.9	Fixed Reference Channel Definition H-Set 9/9A/9B/9C/9E .....	328
A.7.1.10	Fixed Reference Channel Definition H-Set 10/10A/10B/10C/10E .....	329
A.7.1.11	Fixed Reference Channel Definition H-Set 11/11A/11B/11C/11E .....	331
A.7.1.12	Fixed Reference Channel Definition H-Set 12 .....	332
A.7.1.13	Fixed Reference Channel Definition H-Set 13/13A/13C.....	333
A.7.1.14	Fixed Reference Channel Definition H-Set 14/14A/14C.....	334
A.8	DL reference parameters for MBMS tests.....	335
A.8.1	MCCH.....	335
A.8.1	MTCH .....	336
A.9	DL reference parameters for combined MTCH demodulation and cell identification.....	336
<b>Annex B (normative) : Propagation conditions.....</b>		<b>338</b>
B.1	(void).....	338
B.2	Propagation Conditions .....	338
B.2.1	Static propagation condition.....	338
B.2.2	Multi-path fading propagation conditions .....	338
B.2.3	Moving propagation conditions.....	341
B.2.4	Birth-Death propagation conditions .....	342
B.2.5	High speed train condition.....	342
B.2.6	MIMO propagation conditions .....	343
B.2.6.1	MIMO Single Stream Fading Conditions .....	344
B.2.6.2	MIMO Dual Stream Fading Conditions.....	345
B.2.6.3	MIMO Dual Stream Static Orthogonal Conditions .....	346
B.2.7	Propagation conditions for MIMO with four transmit antennas.....	346
B.2.7.1	MIMO with Four Transmit Antennas and Four Streams Static Orthogonal Conditions.....	347
B.2.7.2	MIMO with Four Transmit Antennas Only With Dual Stream Fading Conditions .....	347
<b>Annex C (normative): Downlink Physical Channels.....</b>		<b>349</b>
C.1	General .....	349
C.2	Connection Set-up .....	349
C.3	During connection .....	349
C.3.1	Measurement of Rx Characteristics.....	349
C.3.2	Measurement of Performance requirements .....	350
C.3.3	Connection with open-loop transmit diversity mode.....	351
C.3.4	Connection with closed loop transmit diversity mode.....	351
C.3.5	(void).....	352
C.4	W-CDMA Modulated Interferer .....	352
C.5	HSDPA DL Physical channels.....	353
C.5.1	Downlink Physical Channels connection set-up.....	353
C.5.2	OCNS Definition.....	363
C.5.3	Test Definition for Enhanced Performance Type 3i.....	364
C.5.3.1	Transmitted code and power characteristics for serving cell .....	364
C.5.3.2	Transmitted code and power characteristics for interfering cells.....	366
C.5.3.3	Model for power control sequence generation.....	367
C.5.4	Simplified Multi Carrier HSDPA testing method .....	367

C.5.4A	Simplified Multiflow HSDPA testing method .....	368
C.5.5	Test Definition for Multiflow HSDPA .....	368
C.5.5.1	Test configuration when 2 cells are configured in Multiflow mode .....	368
C.5.5.2	Test configuration when 3 cells are configured in Multiflow mode .....	370
C.5.5.3	Test configuration when 4 cells are configured in Multiflow mode .....	370
C.6	MBMS DL Physical channels .....	371
C.6.1	Downlink Physical Channels connection set-up .....	371
C.6.2	Downlink Physical Channels connection set-up for MBSFN .....	371
<b>Annex D (normative) :</b>	<b>Environmental conditions .....</b>	<b>372</b>
D.1	General .....	372
D.2	Environmental requirements .....	372
D.2.1	Temperature .....	372
D.2.2	Voltage .....	372
D.2.3	Vibration .....	373
<b>Annex E (informative):</b>	<b>UARFCN numbers .....</b>	<b>374</b>
E.1	General .....	374
E.2	List of UARFCN used for UTRA FDD bands .....	374
<b>Annex F (informative):</b>	<b>Change history .....</b>	<b>378</b>
History .....		384

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# Foreword

This Technical Specification (TS) has been produced by the 3<sup>rd</sup> Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

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- x the first digit:
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- z the third digit is incremented when editorial only changes have been incorporated in the document.

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# 1 Scope

The present document establishes the minimum RF characteristics of the FDD mode of UTRA for the User Equipment (UE).

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# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [1] (void)
  - [2] ITU-R Recommendation SM.329: "Unwanted emissions in the spurious domain".
  - [3] (void)
  - [4] 3GPP TS 25.433: "UTRAN Iub Interface NBAP Signalling".
  - [5] ETSI ETR 273: "Electromagnetic compatibility and Radio spectrum Matters (ERM); Improvement of radiated methods of measurement (using test sites) and evaluation of the corresponding measurement uncertainties; Part 1: Uncertainties in the measurement of mobile radio equipment characteristics; Sub-part 2: Examples and annexes".
  - [6] 3GPP TS 45.004: "Modulation".
  - [7] 3GPP TS 25.331: "Radio Resource Control (RRC); Protocol Specification".
  - [8] 3GPP TS25.214: "Physical layer procedures (FDD)".
  - [9] 3GPP TS 25.307: "Requirements on User Equipments (UEs) supporting a release-independent frequency band".
  - [10] 3GPP TS25.212: "Multiplexing and channel coding (FDD)".
  - [11] 3GPP TS 36.101: "E-UTRA User Equipment (UE) radio transmission and reception".
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# 3 Definitions, symbols and abbreviations

## 3.1 Definitions

For the purposes of the present document, the following definitions apply:

**Assisting secondary serving HS-DSCH Cell:** In addition to the serving HS-DSCH cell, a cell in the secondary downlink frequency, where the UE is configured to simultaneously monitor a HS-SCCH set and receive HS-DSCH if it is scheduled in that cell.