

Frequency range	Technology	RTCA Documents Number	EUROCAE Document Number
190 – 850 kHz	ADF (Rx)	DO-179	ED-51
1 615 – 1 799 kHz			
1.5 – 30 MHz	HF voice communication (Tx/Rx)	DO-163	None
2 – 30 MHz	HFDL (Tx/Rx)	DO-265	None
75 MHz	Airborne radio marker (Rx)	DO-143	Document 1/WG 7/70
108 – 112 MHz	ILS localizer (Rx)	DO-195	ED-46B
108 – 117.95 MHz	Airborne VOR (Rx)	DO-196	ED-22B
	Ground VOR beacon (Tx)	None	ED-52
108 – 117.975 MHz	GBAS airborne equipment (Rx)	DO-253D	None
	GBAS ground equipment (Tx)	None	ED-114B
117.975 – 137.000 MHz	VHF voice communication (Tx/Rx)	DO-186B	ED-23C
	VDL Mode 2 (Tx/Rx)	DO-281C	ED-92C
	VHF narrowband digital link (Tx/Rx)	DO-224D	None
328.6 – 335.4 MHz	ILS glide slope (Rx)	DO-192	ED-47B
406 – 406.1 MHz	ELT (Tx)	DO-204B	ED-62B
960 – 1 215 MHz	Airborne DME (Tx/Rx)	DO-189	ED-54
962 – 1 213 MHz	DME ground equipment (Tx/Rx)	None	ED-57
978 MHz	UAT ADS-B (Tx/Rx)	DO-282C	None
1 030 MHz	ATCRBS transponder (Rx interrogations)	DO-144A	None
	Mode S transponder (Rx interrogations)	DO-181F	ED-73F
	TCAS II (Tx interrogations)	DO-185B	ED-143
	TCAS I (Tx interrogations)	DO-197A	None
	ACAS X (Tx interrogations)	DO-385	ED-256
	Modes S MLAT ground systems (Tx interrogations)	None	ED-117A
	Wide area MLAT ground systems (Tx interrogations)	None	ED-142
1 090 MHz	ATCRBS transponder (Tx replies)	DO-144A	None
	Mode S transponder (Tx replies)	DO-181F	ED-73F
	TCAS II (Rx replies)	DO-185B	ED-143
	TCAS I (Rx replies)	DO-197A	None
	ADS-B and TIS-B (Tx broadcast)	DO-260C	ED-102B
	ACAS X (Rx replies)	DO-385	ED-256

Frequency range	Technology	RTCA Documents Number	EUROCAE Document Number
	Modes S MLAT ground systems (Rx receptions)	None	ED-117A
	Wide area MLAT ground systems (Rx receptions)	None	ED-142
1 164 – 1 215 MHz	GNSS (Rx)	DO-292	None
1 215 – 1 240 MHz	GBSS for traffic surveillance (Tx/Rx)	DO-381	None
1 240 – 1 300 MHz	GBSS for traffic surveillance (Tx/Rx)	DO-381	None
1 300 – 1 350 MHz	GBSS for traffic surveillance (Tx/Rx)	DO-381	None
1 350 – 1 370 MHz	GBSS for traffic surveillance (Tx/Rx)	DO-381	None
1 518 – 1 559 MHz	NGSS – Inmarsat SwiftBroadband extended range (Rx)	DO-262F Appendix E	ED-243C Appendix E
1 525 – 1 559 MHz	NGSS – Inmarsat SwiftBroadband standard range (Rx)	DO-262F Appendix E	ED-243C Appendix E
1 559 - 1 610 MHz	GNSS (Rx)	DO-229E	None
		DO-235C	None
		DO-253D	None
		DO-316	None
1 616 – 1 626.5 MHz	NGSS – Iridium Legacy and Iridium Certus (Tx/Rx)	DO-262F Appendix D	ED-243C Appendix D
1 626.5 – 1 660.5 MHz	NGSS – Inmarsat SwiftBroadband standard range (Tx)	DO-262F Appendix E	ED-243C Appendix E
1 668 – 1 675 MHz	NGSS – Inmarsat SwiftBroadband extended range (Tx)	DO-262F Appendix E	ED-243C Appendix E
2 700 – 2 900 MHz	GBSS for traffic surveillance (Tx/Rx)	DO-381	None
4 200 – 4 400 MHz	Radio (Radar) altimeters (Tx/Rx)	DO-155	ED-30
	ATAR for traffic surveillance (Tx/Rx)	DO-366A	None
5 000 – 5 150 MHz	AeroMACS (Tx/Rx)	DO-346A	ED-223A
5 030 – 5 091 MHz	C2 data link (terrestrial) (Tx/Rx)	DO-362A	None
5 350 – 5 470 MHz	Airborne weather radar (Tx/Rx)	DO-220A	None
	ATAR for traffic surveillance (Tx/Rx)	DO-366A	None
8 750 – 8 850 MHz	ATAR for traffic surveillance (Tx/Rx)	DO-366A	None
9 000 – 9 200 MHz	GBSS for traffic surveillance (Tx/Rx)	DO-381	None
9 300 – 9 500 MHz	Airborne weather radar (Tx/Rx)	DO-220A	None
	ATAR for traffic surveillance (Tx/Rx)	DO-366A	None
9 310 MHz	Helicopter ground beacon reply (Tx)	DO-172	None
	Helicopter airborne approach radar (Rx)	DO-172	None
9 375 MHz	Helicopter airborne approach radar (Tx)	DO-172	None
13.25 – 13.4 GHz	ATAR for traffic surveillance (Tx/Rx)	DO-366A	None
15.40 – 15.70 GHz	ATAR for traffic surveillance (Tx/Rx)	DO-366A	None
	GBSS for traffic surveillance (Tx/Rx)	DO-381	None
15.50 – 15.70 GHz	Airborne weather radar (Tx/Rx)	DO-220A	None
24.45 – 24.65 GHz	ATAR for traffic surveillance (Tx/Rx)	DO-366A	None
	GBSS for traffic surveillance (Tx/Rx)	DO-381	None