
**B Disk Contents: Limit Lines and
 Transducer Factors**

Table B-1 Limit Lines

Description	Frequency Range	DOS Filename
AS/NZS 1044; Conducted Household Appliances, Quasi-Peak	150 kHz to 30 MHz	1044CHAQ.lim
AS/NZS 1044; Conducted Household Appliances, Average	50 kHz to 30 MHz	1044CHAA.lim
AS/NZS 1044; Conducted < 700 W, Motors, Quasi-Peak	150 kHz to 30 MHz	1044Cx7Q.lim
AS/NZS 1044; Conducted < 700 W, Motors, Average	150 kHz to 30 MHz	1044Cx7A.lim
AS/NZS 1044; Conducted > 700 W < 1000 W, Motors, Quasi-Peak	150 kHz to 30 MHz	1044Cx1Q.lim
AS/NZS 1044; Conducted > 700 W < 1000 W, Motors, Average	150 kHz to 30 MHz	1044Cx1A.lim
AS/NZS 1044; Conducted > 1000 W, Motors, Quasi-Peak	150 kHz to 30 MHz	1044C1xQ.lim
AS/NZS 1044; Conducted > 1000 W, Motors, Average	150 kHz to 30 MHz	1044C1xA.lim
AS/NZS 1044; Radiated Household Appliances, Quasi-Peak	30 MHz to 300 MHz	1044RHAQ.lim
AS/NZS 1044; Radiated Household Appliances, Average	30 MHz to 300 MHz	1044RHAA.lim
AS/NZS 1044; Radiated < 700 W, Motors, Quasi-Peak	30 MHz to 300 MHz	1044Rx7Q.lim
AS/NZS 1044; Radiated < 700 W, Motors, Average	30 MHz to 300 MHz	1044Rx7A.lim
AS/NZS 1044; Radiated > 700 W < 1000 W, Motors, Quasi-Peak	30 MHz to 300 MHz	1044Rx1Q.lim
AS/NZS 1044; Radiated > 700 W < 1000 W, Motors, Average	30 MHz to 300 MHz	1044Rx1A.lim
AS/NZS 1044; Radiated > 1000 W, Motors, Quasi-Peak	30 MHz to 300 MHz	1044R1xQ.lim
AS/NZS 1044; Radiated > 1000 W, Motors, Average	30 MHz to 300 MHz	1044R1xA.lim
AS/NZS 2064; Class A Conducted, Group 1, Average	150 kHz to 30 MHz	2064AC1A.lim
AS/NZS 2064; Class A Conducted, Group 1, Quasi-Peak	150 kHz to 30 MHz	2064AC1Q.lim
AS/NZS 2064; Class A Conducted, Group 2, Average	150 kHz to 30 MHz	2064AC2A.lim
AS/NZS 2064; Class A Conducted, Group 2, Quasi-Peak	150 kHz to 30 MHz	2064AC2Q.lim
AS/NZS 2064; Class B Conducted, Group 1 and 2, Quasi-Peak	150 kHz to 30 MHz	2064BCQ.lim

Table B-1 Limit Lines (Continued)

Description	Frequency Range	DOS Filename
AS/NZS 2064; Class B Conducted, Group 1 and 2, Average	150 kHz to 30 MHz	2064BCA.lim
AS/NZS 2064; Class A Radiated, Group 1	30 MHz to 1 GHz	2064AR1.lim
AS/NZS 2064; Class A Radiated, Group 2	50 kHz to 30 MHz	2064AR2.lim
AS/NZS 2064; Class B Radiated, Group 1	30 MHz to 1 GHz	2064BR1.lim
AS/NZS 2064; Class B Radiated, Group 2	30 MHz to 1 GHz	2064BR2.lim
AS/NZS 3548; Class A Conducted, Quasi-Peak	150 kHz to 30 MHz	548ACQP.lim
AS/NZS 3548; Class A Conducted, Average	150 kHz to 30 MHz	3548ACAV.lim
AS/NZS 3548; Class B Conducted, Quasi-Peak	150 kHz to 30 MHz	3548BCQP.lim
AS/NZS 3548; Class B Conducted, Average	150 kHz to 30 MHz	3548BCAV.lim
AS/NZS 3548; Class A Radiated (10m)	30 MHz to 1 GHz	3548AR10.lim
AS/NZS 3548; Class A Radiated (30m)	30 MHz to 1 GHz	3548AR30.lim
AS/NZS 3548; Class B Radiated (10m)	30 MHz to 1 GHz	3548BR10.lim
BellCore 1089; Conducted, Analog Voiceband Leads (Longitudinal)	8 kHz to 6 MHz	1089CVBL.lim
BellCore 1089; Conducted, Analog Voiceband Leads (Metallic)	8 kHz to 6 MHz	1089CVBM.lim
BellCore 1089; Class A Conducted, AC Power Leads (Quasi-Peak)	450 kHz to 69.5 MHz	1089CAPQ.lim
BellCore 1089; Class A Conducted, AC Power Leads - Voltage	450 kHz to 69.5 MHz	1089CAPV.lim
BellCore 1089; Class B Conducted, AC Power Leads - Voltage	450 kHz to 47.9 MHz	1089CBPV.lim
BellCore 1089; Radiated (3m) - Doors Open	10 kHz to 10 GHz	1089R3DO.lim
BellCore 1089; Radiated (3m) - Doors Closed	10kHz to 10 GHz	1089R3DC.lim
BellCore 1089; Radiated (10m) - Doors Open	10 kHz to 10 GHz	1089R1DO.lim
BellCore 1089; Radiated (10m) - Doors Closed	10 kHz to 10 GHz	1089R1DC.lim
EN 55011; Class A Conducted, Group 1, Quasi-Peak	150 kHz to 30 MHz	EN11AC1Q.lim
EN 55011; Class A Conducted, Group 1, Average	150 kHz to 30 MHz	EN11AC1A.lim
EN 55011; Class A Conducted, Group 2, Quasi-Peak	150 kHz to 30 MHz	EN11AC2Q.lim
EN 55011; Class A Conducted, Group 2, Average	150 kHz to 30 MHz	EN11AC2A.lim

Table B-1 Limit Lines (Continued)

Description	Frequency Range	DOS Filename
EN 55011; Class B Conducted, Group 1 and 2, Quasi-Peak	150 kHz to 30 MHz	EN11BCQ.lim
EN 55011; Class B Conducted, Group 1 and 2, Average	150 kHz to 30 MHz	EN11BCA.lim
EN 55011; Class A Radiated, Group 1	30 MHz to 1 GHz	EN11AR1.lim
EN 55011; Class A Radiated, Group 2	150 kHz to 1 GHz	EN11AR2.lim
EN 55011; Class B Radiated, Group 1	30 MHz to 1 GHz	EN11BR1.lim
EN 55011; Class B Radiated, Group 2	30 MHz to 1 GHz	EN11BR2.lim
EN 55014; Conducted Household Appliances, Quasi-Peak	150 kHz to 30 MHz	EN14CHAQ.lim
EN 55014; Conducted Household Appliances, Average	150 kHz to 30 MHz	EN14CHAA.lim
EN 55014; Conducted < 700 W, Motors, Quasi-Peak	150 kHz to 30 MHz	EN14Cx7Q.lim
EN 55014; Conducted < 700 W, Motors, Average	150 kHz to 30 MHz	EN14Cx7A.lim
EN 55014; Conducted > 700 W < 1000 W, Motors, Quasi-Peak	150 kHz to 30 MHz	EN14Cx1Q.lim
EN 55014; Conducted > 700 W < 1000 W, Motors, Average	150 kHz to 30 MHz	EN14Cx1A.lim
EN 55014; Conducted > 1000 W, Motors, Quasi-Peak	150 kHz to 30 MHz	EN14C1xQ.lim
EN 55014; Conducted > 1000 W, Motors, Average	150 kHz to 30 MHz	EN14C1xA.lim
EN 55014; Radiated Household Appliances, Quasi-Peak	30 MHz to 300 MHz	EN14RHAQ.lim
EN 55014; Radiated Household Appliances, Average	30 MHz to 300 MHz	EN14RHAA.lim
EN 55014; Radiated < 700 W, Motors, Quasi-Peak	30 MHz to 300 MHz	EN14Rx7Q.lim
EN 55014; Radiated < 700 W, Motors, Average	30 MHz to 300 MHz	EN14Rx7A.lim
EN 55014; Radiated > 700 W < 1000 W, Motors, Quasi-Peak	30 MHz to 300 MHz	EN14Rx1Q.lim
EN 55014; Radiated > 700 W < 1000 W, Motors, Average	30 MHz to 300 MHz	EN14Rx1A.lim
EN 55014; Radiated > 1000 W, Motors, Quasi-Peak	30 MHz to 300 MHz	EN14R1xQ.lim
EN 55014; Radiated > 1000 W, Motors, Average	30 MHz to 300 MHz	EN14R1xA.lim
EN 55022; Class A Conducted, Quasi-Peak	150 kHz to 30 MHz	EN22ACQP.lim
EN 55022; Class A Conducted, Average	150 kHz to 30 MHz	EN22ACAV.lim

Table B-1 Limit Lines (Continued)

Description	Frequency Range	DOS Filename
EN 55022; Class B Conducted, Quasi-Peak	150 kHz to 30 MHz	EN22BCQP.lim
EN 55022; Class B Conducted, Average	150 kHz to 30 MHz	EN22BCAV.lim
EN 55022; Class A Radiated (10m)	30 MHz to 1 GHz	EN22AR10.lim
EN 55022; Class A Radiated (30m)	30 MHz to 1 GHz	N22AR30.lim
EN 55022; Class B Radiated (10m)	30 MHz to 1 GHz	N22BR10.lim
FCC Part 15; Class A Conducted	450 kHz to 30 MHz	FCC15AC.lim
FCC Part 15; Class B Conducted	450 kHz to 30 MHz	FCC15BC.lim
FCC Part 15; Class A Radiated (10m)	30 Hz to 5 GHz	FCC15A10.lim
FCC Part 15; Class B Radiated (3m)	30 MHz to 40 GHz	FCC15B3.lim
FCC Part 15; Class B Radiated (10m)	30 MHz to 5 GHz	FCC15B10.lim
GB9254 1998; Conducted Class A, Quasi-Peak	150 kHz to 30 MHz	G9254CAQ.lim
GB9254 1998; Conducted Class A, Average	150 kHz to 30 MHz	G9254CAA.lim
GB9254 1998; Conducted Class B, Quasi-Peak	150 kHz to 30 MHz	G9254CBQ.lim
GB9254 1998; Conducted Class B, Average	150 kHz to 30 MHz	G9254CBA.lim
GB9254 1998; Radiated Class A	30 MHz to 1 GHz	G9254RA.lim
GB9254 1998; Radiated Class B	30 MHz to 1 GHz	G9254RB.lim
VCCI; Conducted Class 1, Quasi-Peak	150 kHz to 30 MHz	VCCIC1QP.lim
VCCI; Conducted Class 1, Average	150 kHz to 30 MHz	VCCIC1AV.lim
VCCI; Conducted Class 2, Quasi-Peak	150 kHz to 30 MHz	VCCIC2QP.lim
VCCI; Conducted Class 2, Average	150 kHz to 30 MHz	VCCIC2AV.lim
VCCI; Radiated Class 1 (3m)	30 MHz to 1 GHz	VCCIR13.lim
VCCI; Radiated Class 1 (10m)	30 MHz to 1 GHz	VCCIR110.lim
VCCI; Radiated Class 2 (10m)	30 MHz to 1 GHz	VCCIR210.lim
MIL-STD CE101-1 Conducted, Power Leads	30 Hz to 10 kHz	MC101X1.lim
MIL-STD CE101-2 Conducted, Power Leads, <1kVA	30 Hz to 10 kHz	MC101X2A.lim
MIL-STD CE101-2 Conducted, Power Leads, ≥1kVA	30 Hz to 10 kHz	MC101X2B.lim
MIL-STD CE101-3 Conducted, Power Leads, 400 Hz, <0.2 kVA	30 Hz to 10 kHz	MC101X3A.lim
MIL-STD CE101-3 Conducted, Power Leads, 400 Hz, ≥0.2 kVA	30 Hz to 10 kHz	MC101X3B.lim

Table B-1 Limit Lines (Continued)

Description	Frequency Range	DOS Filename
MIL-STD CE101-4 Conducted, Power Leads, >28 V	30 Hz to 10 kHz	MC101X4A.lim
MIL-STD CE101-4 Conducted, Power Leads, ≤28 V	30 Hz to 10 kHz	MC101X4B.lim
MIL-STD CE102-1 Conducted, Power Leads	30 kHz to 10 MHz	MC102X1.lim
MIL-STD RE101-1 Radiated, Magnetic Field, Army applications	30 Hz to 100 kHz	MR101X1.lim
MIL-STD RE101-2 Radiated, Magnetic Field, Navy applications	30 Hz to 100 kHz	MR101X2.lim
MIL-STD RE102-1 Radiated, Electric Field, surface ship	10 kHz to 18 GHz	MR102X1.lim
MIL-STD RE102-2 Radiated, Electric Field, submarine internal	10 kHz to 18 GHz	MR102X2A.lim
MIL-STD RE102-2 Radiated, Electric Field, submarine external	10 kHz to 18 GHz	MR102X2B.lim
MIL-STD RE102-3 Radiated, Electric Field, fixed wing external	10 kHz to 18 GHz	MR102X3A.lim
MIL-STD RE102-3 Radiated, Electric Field, aircraft, ≥25 m	10 kHz to 18 GHz	MR102X3B.lim
MIL-STD RE102-3 Radiated, Electric Field, aircraft, <25 m	10 kHz to 18 GHz	MR102X3C.lim
MIL-STD RE102-4 Radiated, Electric Field, Navy Fixed & AF	10 kHz to 18 GHz	MR102X4A.lim
MIL-STD RE102-4 Radiated, Electric Field, Navy Mobile & AF	10 kHz to 18 GHz	MR102X4B.lim

Table B-2 Transducer Factors

Description	DOS Filename
Agilent 11909A; Preamplifier (9 kHz to 1 GHz)	11909A.amp
Agilent 11940A; Close Field Probe (30 MHz to 1 GHz)	11940A.ant
Agilent 11941A; Close Field Probe (9 kHz to 30 MHz)	11941A.ant
Agilent 11947A; Transient Limiter (9 kHz to 200 MHz)	11947A.oth
Agilent 11955A; Biconical Antenna (30 MHz to 300 MHz)	11955A.ant
Agilent 11956A; Log Periodic Antenna (200 MHz to 1 GHz)	11956A1G.ant
Agilent 11956A; Log Periodic Antenna (200 MHz to 2 GHz) ^a	11956A2G.ant
Agilent 11966A; Active Loop Antenna (10 kHz to 30 MHz)	11966A.ant
Agilent 11966B; Active Monopole Antenna (30 Hz to 50 MHz)	11966B.ant
Agilent 11966C; Biconical Antenna (30 MHz to 300 MHz)	11966C.ant
Agilent 11966D; Log Periodic Antenna (200 MHz to 1 GHz)	11966D1G.ant
Agilent 11966D; Log Periodic Antenna (200 MHz to 2 GHz) ^a	11966D2G.ant
Agilent 11966E; Double Ridged Horn Antenna (1 GHz to 18 GHz)	11966E.ant
Agilent 11966F; Conical Log Spiral Antenna (200 MHz to 1 GHz)	11966F.ant
Agilent 11966G; Conical Log Spiral Antenna (1 GHz to 10 GHz)	11966G.ant
Agilent 11966H; Dipole Antenna Set (28 MHz to 1 GHz)	
Balun 1, (28 MHz to 60 MHz)	11966HB1.ant
Balun 2, (60 MHz to 140 MHz)	11966HB2.ant
Balun 3, (140 MHz to 400 MHz)	11966HB3.ant
Balun 4, (400 MHz to 1 GHz)	11966HB4.ant
Agilent 11966I; Double Ridged Horn Antenna (200 MHz to 2 GHz)	11966I.ant
Agilent 11966J; Horn Antenna (18 GHz to 40 GHz)	11966J.ant
Agilent 11966K; Magnetic Field Pickup Coil (20 Hz to 50 kHz)	11966K.ant
Agilent 11966L; Coaxial Cable (Type-N)	11966L.cbl
Agilent 11966N; Log Periodic Antenna (200 MHz to 5 GHz)	11966N.ant
Agilent 11966P; Broadband Antenna (30 MHz to 1 GHz)	11966P1G.ant
Agilent 11966P; Broadband Antenna (30 MHz to 2 GHz) ^a	11966P2G.ant
Agilent 11967C; LISN (25 A)	11967C.ant
Agilent 11967D; LISN (10 A)	11967D.ant

Table B-2 Transducer Factors

Description	DOS Filename
Agilent 11967E; LISN (25 A)	11967E.ant
Agilent 83017A; Amplifier (500 MHz to 26.5 GHz)	83017A.amp
Agilent 83018A; Amplifier (1 GHz to 26.5 GHz)	83018A.amp
Agilent 83020A; Amplifier (1 GHz to 26.5 GHz)	83020A.amp
Agilent 83050A; Amplifier (2 GHz to 50 GHz)	83050A.amp
Agilent 8447F, Option H64; Dual Preamp	
Band 1, (9 kHz to 50 MHz)	8447FLO.amp
Band 2, (100 kHz to 1.3 GHz)	8447FHI.amp
Agilent 87405A; Amplifier (45 MHz to 3 GHz)	87405A.amp
Agilent 87415A; Amplifier (2 GHz to 8 GHz)	87415A.amp

- a. Currently selling versions have an upper frequency limit of 2 GHz. Earlier models have an upper frequency limit of only 1 GHz. Refer to the information for your antenna to determine which correction file to use.

The Conducted and Radiated Setup files consist of the following limit line and correction factor files.

Table B-3 Setups

	File Type	File Name
Conducted Setup (CONDEMO.set) CISPR Band B, 150 kHz to 30 MHz	Limit Line 1	EN22BCQP.lim
	Limit Line 2	EN22BCAV.lim
	Antenna Correction	11967D.ant
	Other Correction	11947A.oth
Radiated Setup (RADDEMO.set) CISPR Band C, 30 MHz to 300 MHz	Limit Line 1	EN22BR10.lim
	Antenna Correction	11966C.ant
	Cable Correction	11966L.cbl

