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

**Table B-1 Limit Lines**

<b>Description</b>	<b>Frequency Range</b>	<b>DOS Filename</b>
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)**

<b>Description</b>	<b>Frequency Range</b>	<b>DOS Filename</b>
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)**

<b>Description</b>	<b>Frequency Range</b>	<b>DOS Filename</b>
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)**

<b>Description</b>	<b>Frequency Range</b>	<b>DOS Filename</b>
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)**

<b>Description</b>	<b>Frequency Range</b>	<b>DOS Filename</b>
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**

<b>Description</b>	<b>DOS Filename</b>
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) <sup>a</sup>	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) <sup>a</sup>	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) <sup>a</sup>	11966P2G.ant
Agilent 11967C; LISN (25 A)	11967C.ant
Agilent 11967D; LISN (10 A)	11967D.ant

**Table B-2 Transducer Factors**

<b>Description</b>	<b>DOS Filename</b>
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**

	<b>File Type</b>	<b>File Name</b>
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

