

Test report nr.: 2_1291-A/99

Issue Date: 05.05.1999

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Equipment under test : BREITLING EMERGENCY E56121

Ambient temperature : 23°C

Relative humidity : 48%

EMISSION LIMITATIONS

SUBCLAUSE § 87.139

EMISSION LIMITATIONS					
121,500 MHz					
f (MHz)	polarization	amplitude of emission (dBm)	limit max. allowed emmission power	actual attenuation below frquency of operation (dB)	results
121,50	vertical	+15,50	40,0 dBm	-	Operating frequency
243,00	vertical	-20,40	-30 dBc	-35,90	complies
364,50	vertical	-45,70	-30 dBc	-61,20	complies
485,70	vertical	-52,00	-30 dBc	-67,50	complies
607,70	vertical	-63,20	-30 dBc	-68,70	complies
728,80	vertical	-58,20	-30 dBc	-73,70	complies
850,00	vertical	-56,30	-30 dBc	-71,80	complies
971,20	vertical	-44,20	-30 dBc	-59,70	complies
1093,5	vertical	-70,00	-30 dBc	-85,5	complies
1458,0	vertical	-65,22	-30 dBc	-80,72	complies
1944,0	vertical	-63,98	-30 dBc	79,48	complies
2065,5	vertical	-60,97	-30 dBc	76,47	complies
2673,0	vertical	-52,15	-30 dBc	-67,65	complies
2916,0	vertical	-59,59	-30 dBc	-75,09	complies
Measurement uncertainty			± 3dB		

LIMITS

SUBCLAUSE § 87.139

For ELTs :

When the frequency is moved from the assigned frequency by more then 50 percent up to and including 100 percent of the authorized bandwidth the attenuation must be at least 25 dB.

When the frequency is removed from the assigned frequency by more then 100 percent of the authorized bandwidth the attenuation must be at least 30 dB.

REFERENCE NUMBER(S) OF TEST EQUIPMENT USED

(for reference numbers see test equipment listing)