

Equipment under test : DIALOCK WT-2000 LEGIC)
Ambient temperature : 20,2 °C
Relative humidity : 32 %

H-FIELD FIELD STRENGTH (Class 2)

SUBCLAUSE 7.2.1

Rated field strength (maximum) : 8 dBμA/m at 10 metres

Antenna size < 0,05 m²

Test conditions		Transmitter field strength (dBμA/m)		
		13,56 MHz		
T _{nom} (23)°C	V _{nom} (6,0)V	8,0		
Maximum deviation from rated output under extreme test conditions (dB)		-2,1		
Measurement uncertainty (dBμA/m)		± 3 dB		

LIMIT

SUBCLAUSE 7.2.1.3

Frequency range (MHz)	H-field field strength limit (Hf)dBμA/m at 10 m
0.009 < f < 0.03	72 or according to note
0.03 ≤ f < 0,07 0,119 ≤ f < 0,135	72 at 0,03 MHz descending 3 dB/oct or according to note
0,05975 ≤ f < 0,06025 0,07 ≤ f < 0,119	42
0,135 ≤ f < 1,0	37,7 at 0.135 MHz descending 3 dB/oct
1,0 ≤ f < 4,642	29 at 1,0 MHz descending 9 dB/oct
4,642 ≤ f < 30	9
6.765 ≤ f ≤ 6.795 (ISM) 13.553 ≤ f ≤ 13.567 (ISM) 26.957 ≤ f ≤ 27.283 (ISM)	42 dB

NOTE: For the frequency ranges 9 to 70 kHz and 119 to 135 kHz, the following additional restrictions apply to the higher limits:

- for loop coil antennas with an area ≥ 0,16 m² table 2 applies directly;
- for loop coil antennas with an area between 0,05 m² and 0,16 m² table 2 applies with a correction factor. The limit is: table value + 10 × log (area/0,16 m²);
- for loop coil antennas with an area < 0,05 m² the limit is 10 dB below table 2.

REFERENCE NUMBER(S) OF TEST EQUIPMENT USED

(for reference numbers see test equipment listing)

53 , 54 , 62

Equipment under test : DIALOCK WT-2000 LEGIC)
 Ambient temperature : 20,2 °C
 Relative humidity : 32 %

PERMITTED RANGE OF OPERATING FREQUENCIES

SUBCLAUSE 7.3

Test Conditions: Temp: 20,6°C

Voltage : 230V AC



Marker 1 [T1]

RBW

300 Hz

RF Att

40 dB

Ref Lvl

7.96 dBμA

VBW

300 Hz

13.5 dBμA

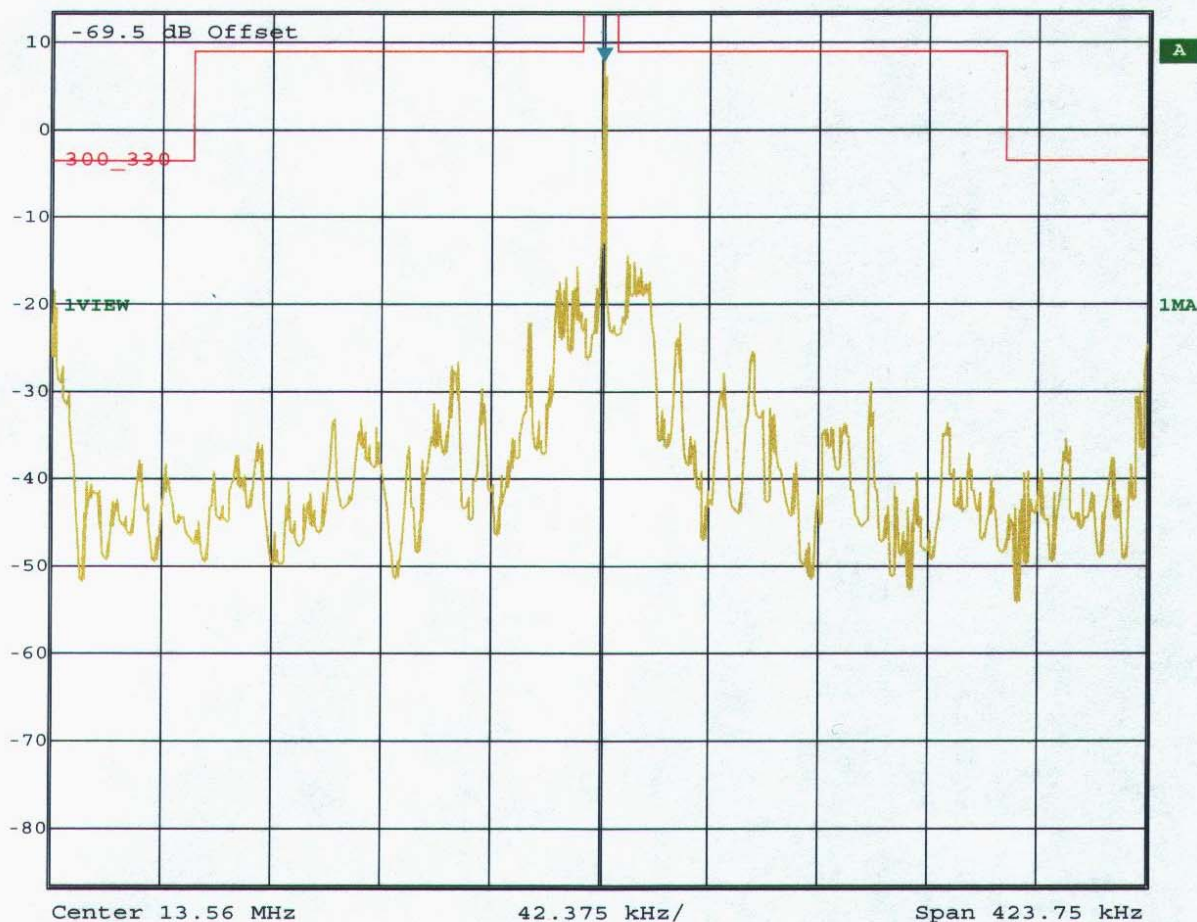
13.56127380 MHz

SWT

24 s

Unit

dBμA



Date: 21.JAN.2002 13:27:52

LIMITS

SUBCLAUSE 7.3.3

The permitted range of modulation bandwidth shall be within the limits of the assigned frequency band stated in CEPT/REC Recommendation 70-03 [3]

REFERENCE NUMBER(S) OF TEST EQUIPMENT USED

(for reference numbers see test equipment listing)

64 , 05

Equipment under test : DIALOCK WT-2000 (LEGIC)
Ambient temperature : 20,2 °C
Relative humidity : 32 %

PERMITTED RANGE OF OPERATING FREQUENCIES

SUBCLAUSE 7.3

Test Conditions: Temp: -20 °C

Voltage : 207V AC



Marker 1 [T1]

RBW

300 Hz

RF Att

40 dB

Ref Lvl

6.91 dBVA

VBW

300 Hz

13.5 dBVA

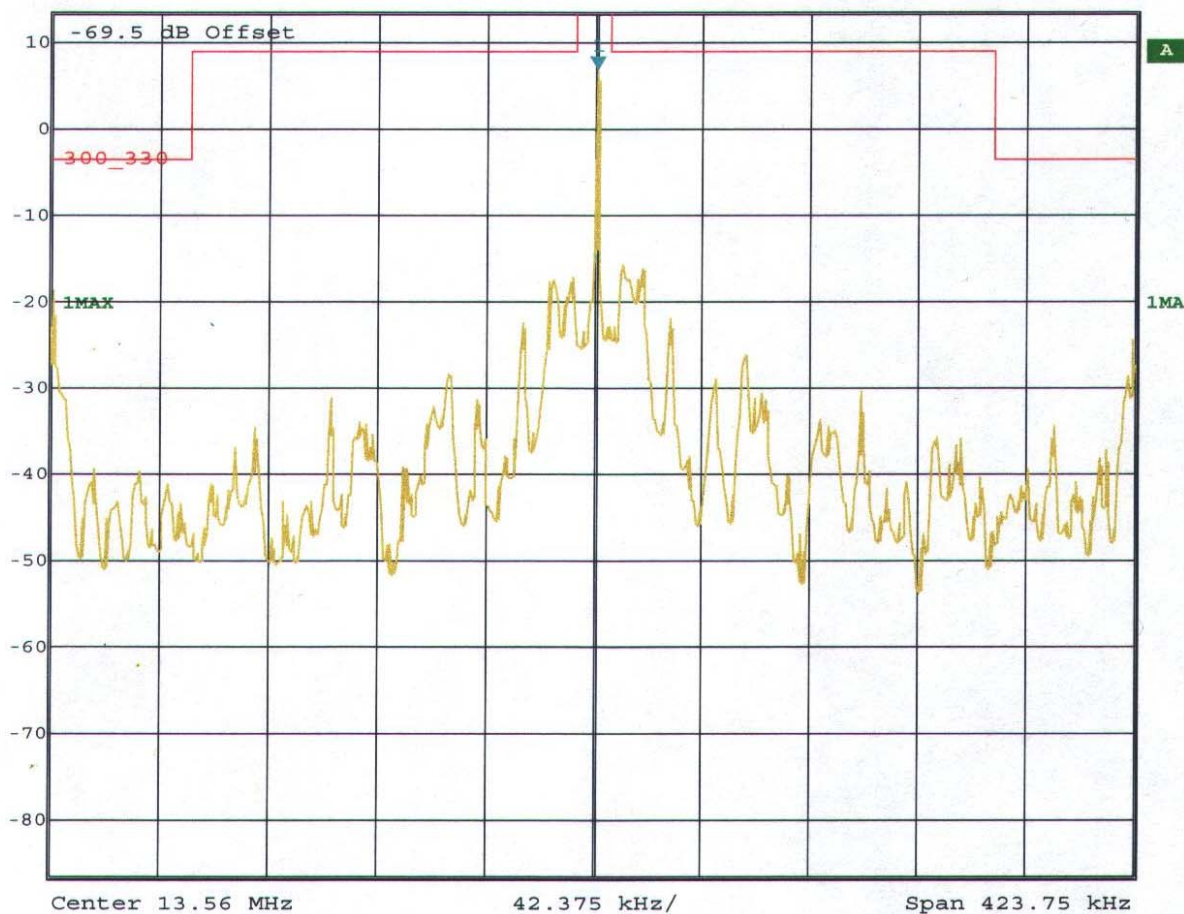
13.56127380 MHz

SWT

24 s

Unit

dBVA



Date: 21.JAN.2002 13:36:23

LIMITS

SUBCLAUSE 7.3.3

The permitted range of modulation bandwidth shall be within the limits of the assigned frequency band stated in CEPT/REC Recommendation 70-03 [3]

REFERENCE NUMBER(S) OF TEST EQUIPMENT USED

(for reference numbers see test equipment listing)

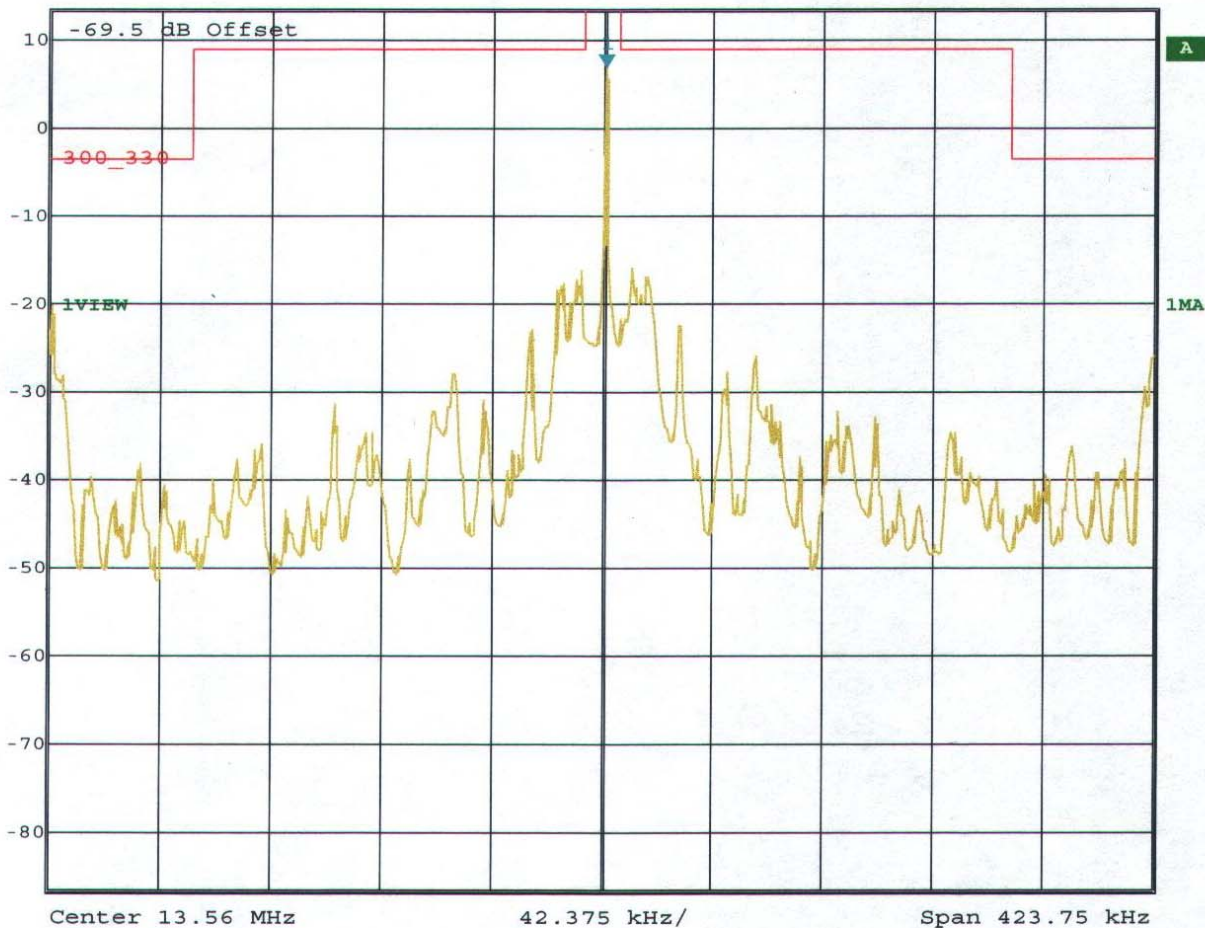
64 , 05

Equipment under test : DIALOCK WT-2000 (LEGIC)
 Ambient temperature : 20,2 °C
 Relative humidity : 32 %

PERMITTED RANGE OF OPERATING FREQUENCIES

SUBCLAUSE 7.3

Test Conditions: Temp: -20 °C Voltage : 253V AC
 Marker 1 [T1] RBW 300 Hz RF Att 40 dB
 Ref Lvl 6.94 dBµA VBW 300 Hz
 13.5 dBµA 13.56127380 MHz SWT 24 s Unit dBµA



Date: 21.JAN.2002 13:38:50

LIMITS

SUBCLAUSE 7.3.3

The permitted range of modulation bandwidth shall be within the limits of the assigned frequency band stated in CEPT/REC Recommendation 70-03 [3]

REFERENCE NUMBER(S) OF TEST EQUIPMENT USED
 (for reference numbers see test equipment listing)

Equipment under test : DIALOCK WT-2000 (LEGIC)

Ambient temperature : 20,2 °C

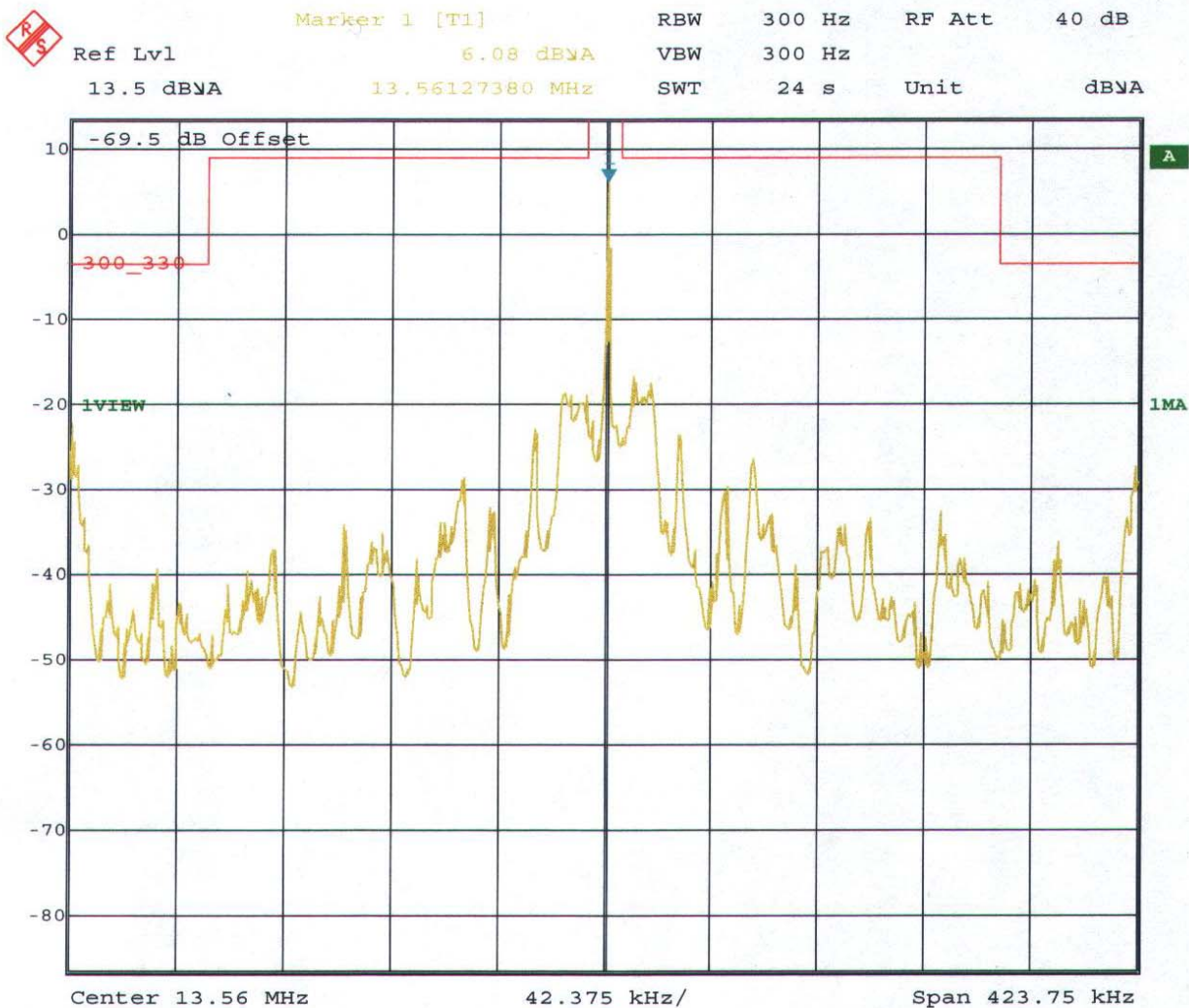
Relative humidity : 32 %

PERMITTED RANGE OF OPERATING FREQUENCIES

SUBCLAUSE 7.3

Test Conditions: Temp: +55 °C

Voltage : 207 V AC



Date: 21.JAN.2002 14:36:02

LIMITS

SUBCLAUSE 7.3.3

The permitted range of modulation bandwidth shall be within the limits of the assigned frequency band stated in CEPT/REC Recommendation 70-03 [3]

REFERENCE NUMBER(S) OF TEST EQUIPMENT USED

(for reference numbers see test equipment listing)

64, 05

Equipment under test : DIALOCK WT-2000 (LEGIC)
 Ambient temperature : 20,2 °C
 Relative humidity : 32 %

PERMITTED RANGE OF OPERATING FREQUENCIES

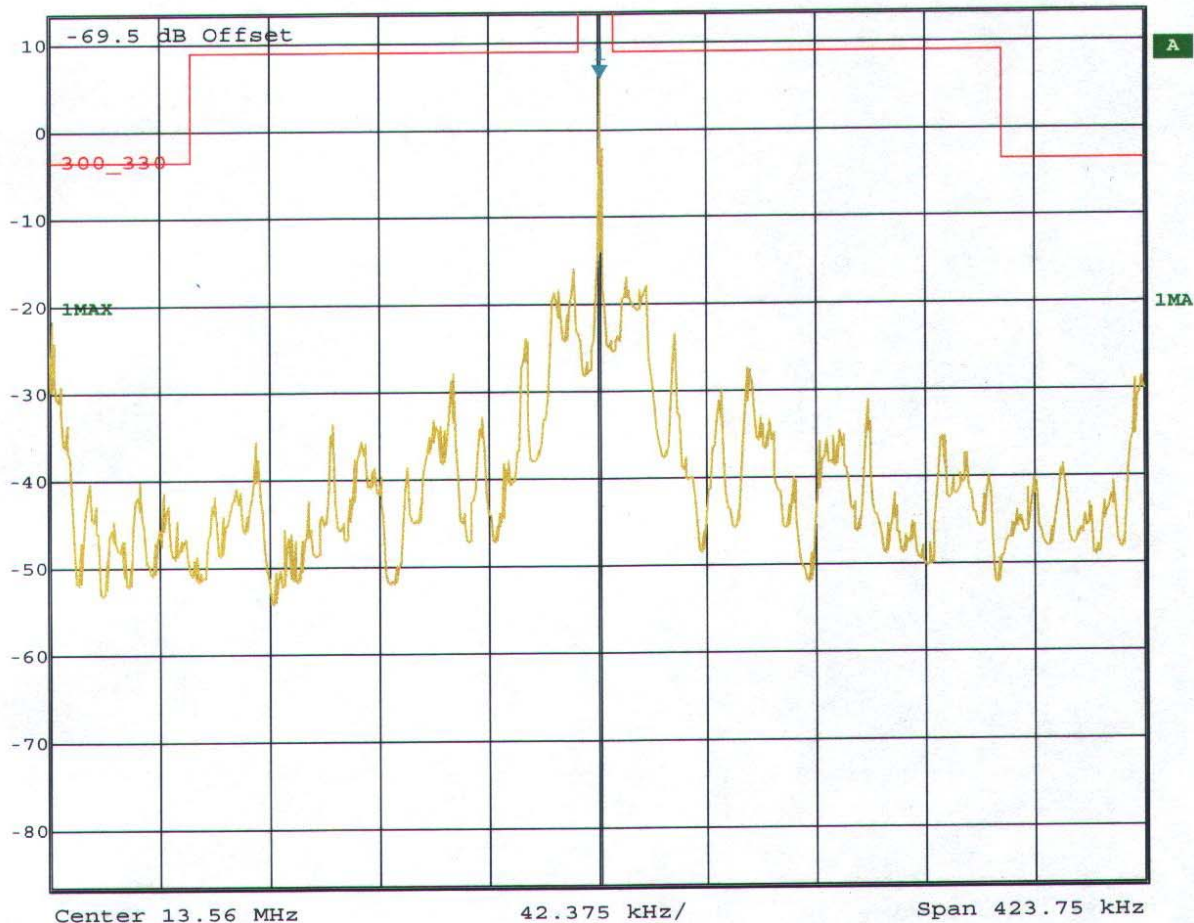
SUBCLAUSE 7.3

Test Conditions: Temp: +55 °C

Voltage : 253V AC



Marker 1 [T1] RBW 300 Hz RF Att 40 dB
 Ref Lvl 6.00 dBVA VBW 300 Hz
 13.5 dBVA 13.56127380 MHz SWT 24 s Unit dBVA



Date: 21.JAN.2002 14:32:46

LIMITS

SUBCLAUSE 7.3.3

The permitted range of modulation bandwidth shall be within the limits of the assigned frequency band stated in CEPT/REC Recommendation 70-03 [3]

REFERENCE NUMBER(S) OF TEST EQUIPMENT USED

(for reference numbers see test equipment listing)

64 , 05