

Appendix S

Frame period

FCC Part 15.323(e.1) Frame repetition

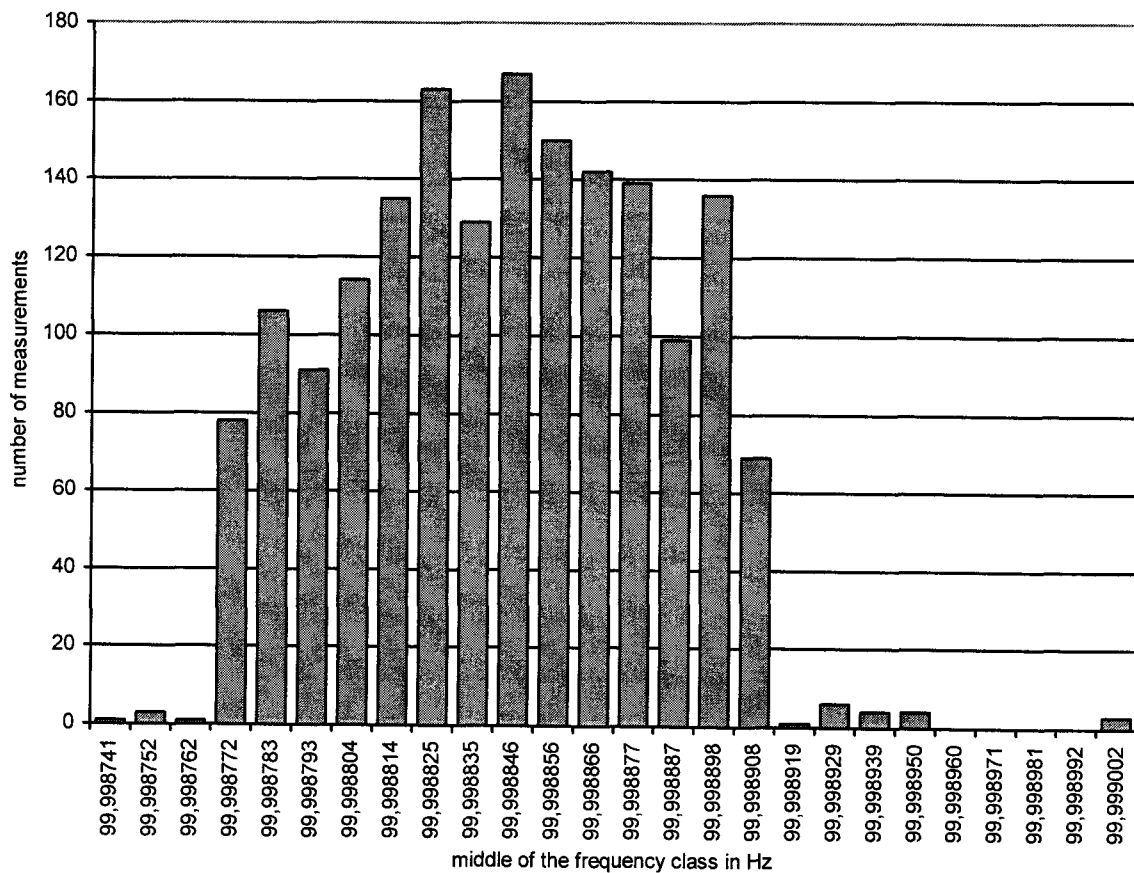
Testprocedure ANSI 63.17-1998 6.2.2

UCPS

EUT	Quail Digital
Model	QD-PS 12/6 (Fix part)
Applicant	Quail LTd
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.2.2 Frame repetition

Width of the frequency class	0,000010 Hz
Mean	99,998843 Hz
Deviation	0,000040
Stability in ppm	1,188736 ppm
Test result	Verdict = PASS

Histogram



Measurement diagram

FCC Part 15.323(e.4) Frame Period and jitter

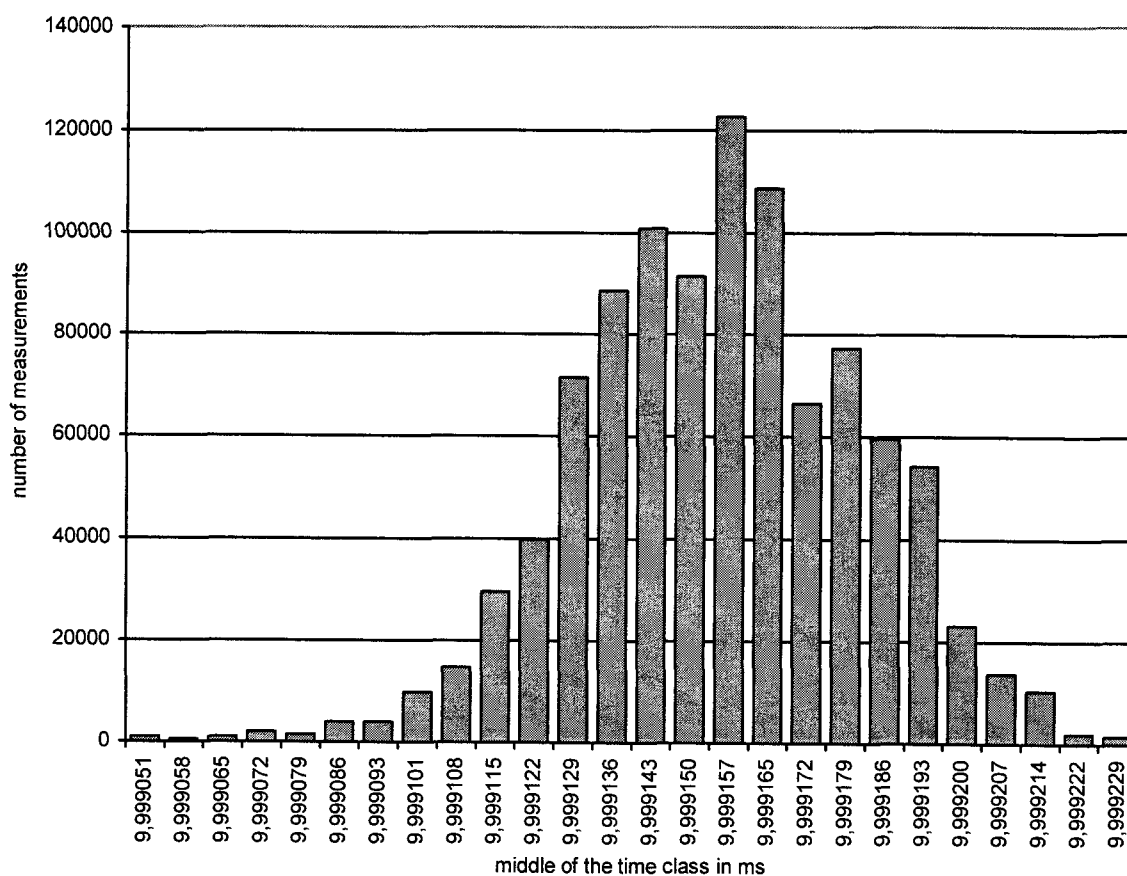
Testprocedure ANSI 63.17-1998 6.2.3

UCPS

EUT	Quail Digital
Model	QD-PS 12/6 (Fix part)
Applicant	Quail LTd
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.2.3 Frame Period and jitter

Width of the time class	0,007115 μ s
Mean	9,999156 ms
Deviation	0,000026
Max-Min	0,177883 μ s
Test result	Verdict = PASS

Histogram



Measurement diagram

Appendix T

Frequency stability

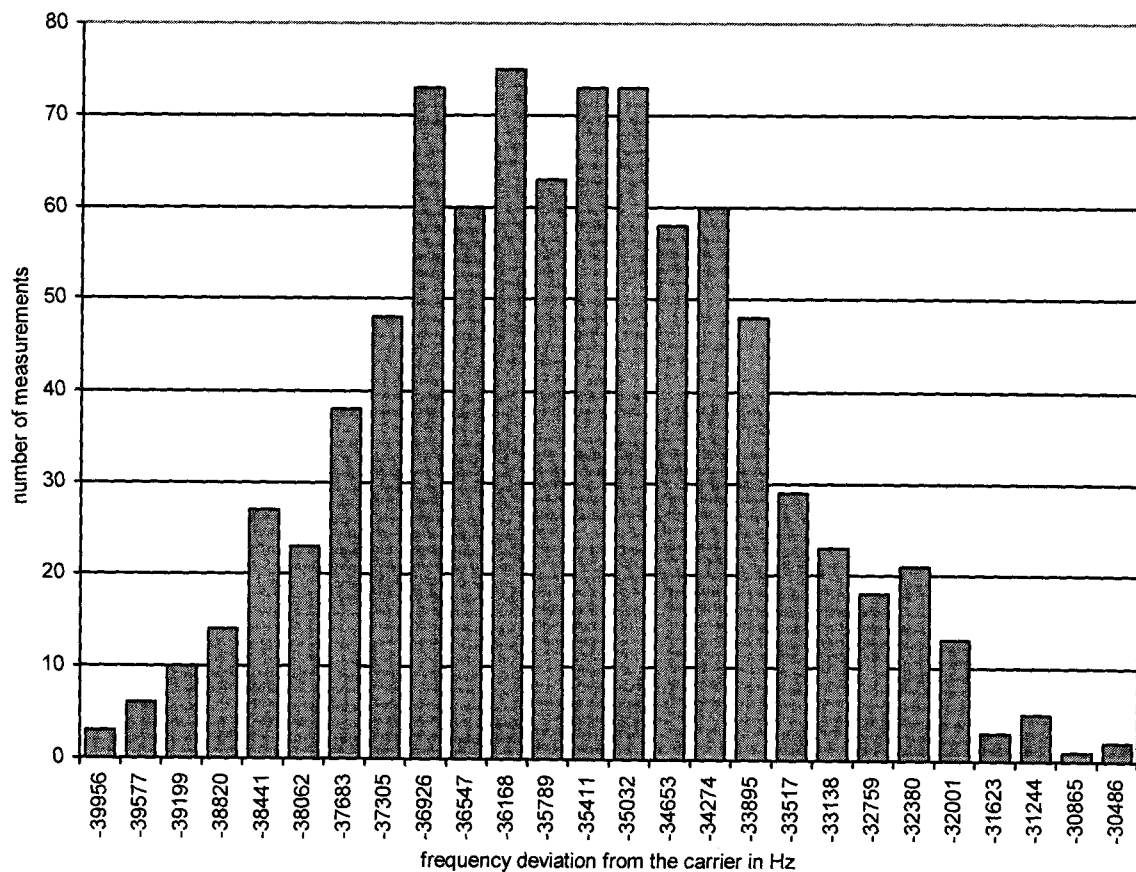
FCC Part 15.323(f) Frequency Stability

Testprocedure ANSI 63.17-1998 6.2.1

EUT	Quail Digital
Model	QD-PS 12/6 (Fix part)
Applicant	Quail LTd
Temperature	25 °C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.2.1 Frequency stability

Power supply	Vnom
Frequency of carrier	1924,992000 MHz
Measured mean	1924,956379 MHz
Deviation	Referene measurement

Histogram



Measurement diagram

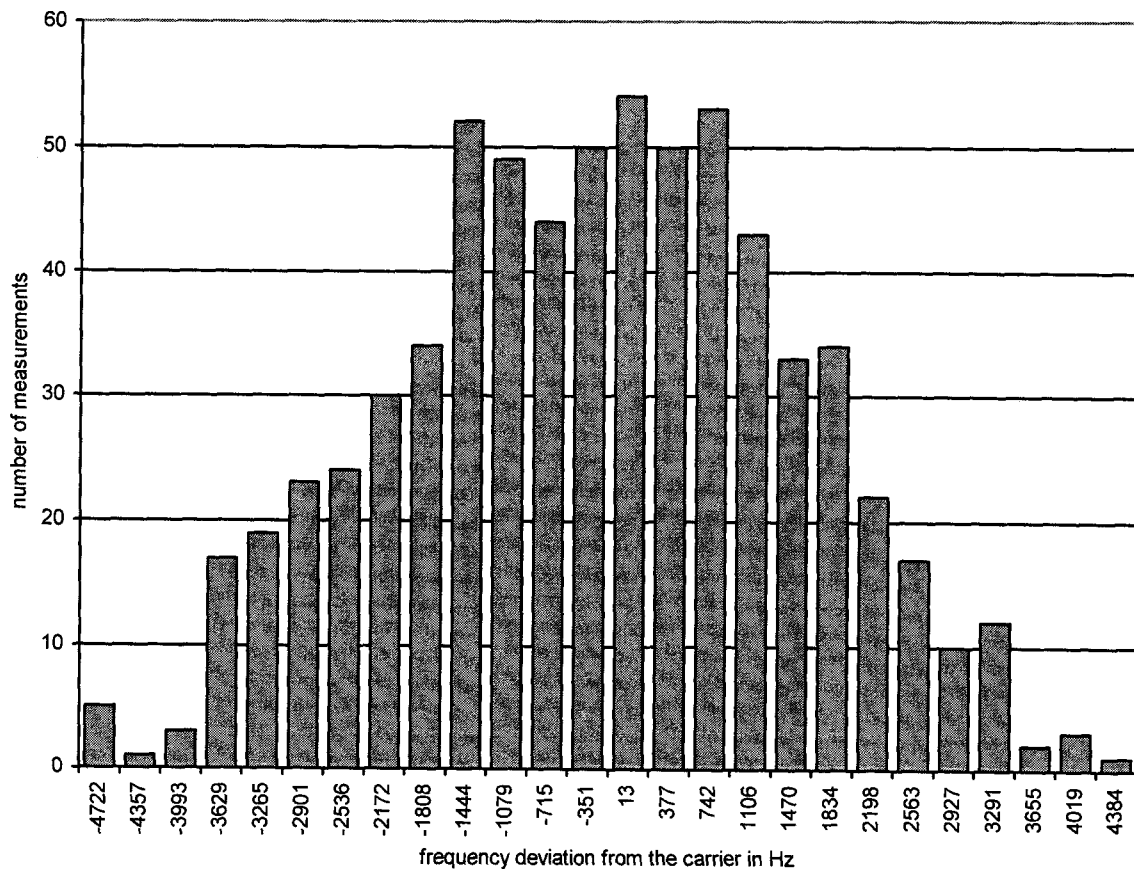
FCC Part 15.323(f) Frequency Stability

Testprocedure ANSI 63.17-1998 6.2.1

EUT	Quail Digital
Model	QD-PS 12/6 (Fix part)
Applicant	Quail LTd
Temperature	25 °C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.2.1 Frequency stability

Power supply	Vmin
Frequency of carrier	1924,956379 MHz
Measured mean	1924,956100 MHz
Deviation	0,15 ppm
Result	Verdict = PASS

Histogram



Measurement diagram

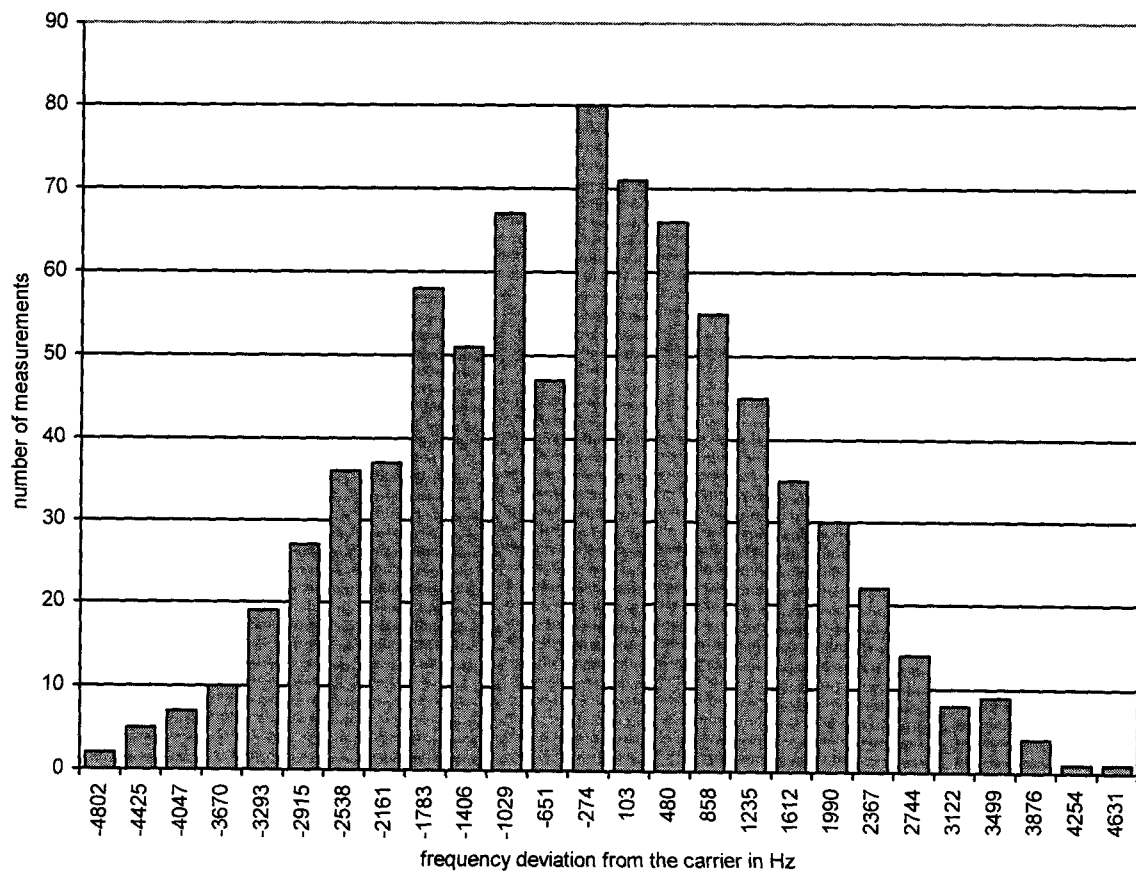
FCC Part 15.323(f) Frequency Stability

Testprocedure ANSI 63.17-1998 6.2.1

EUT	Quail Digital
Model	QD-PS 12/6 (Fix part)
Applicant	Quail LTd
Temperature	25 °C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.2.1 Frequency stability

Power supply	Vmax
Frequency of carrier	1924,956379 MHz (ref)
Measured mean	1924,956031 MHz
Deviation	0,18 ppm
Result	Verdict = PASS

Histogram



Measurement diagram

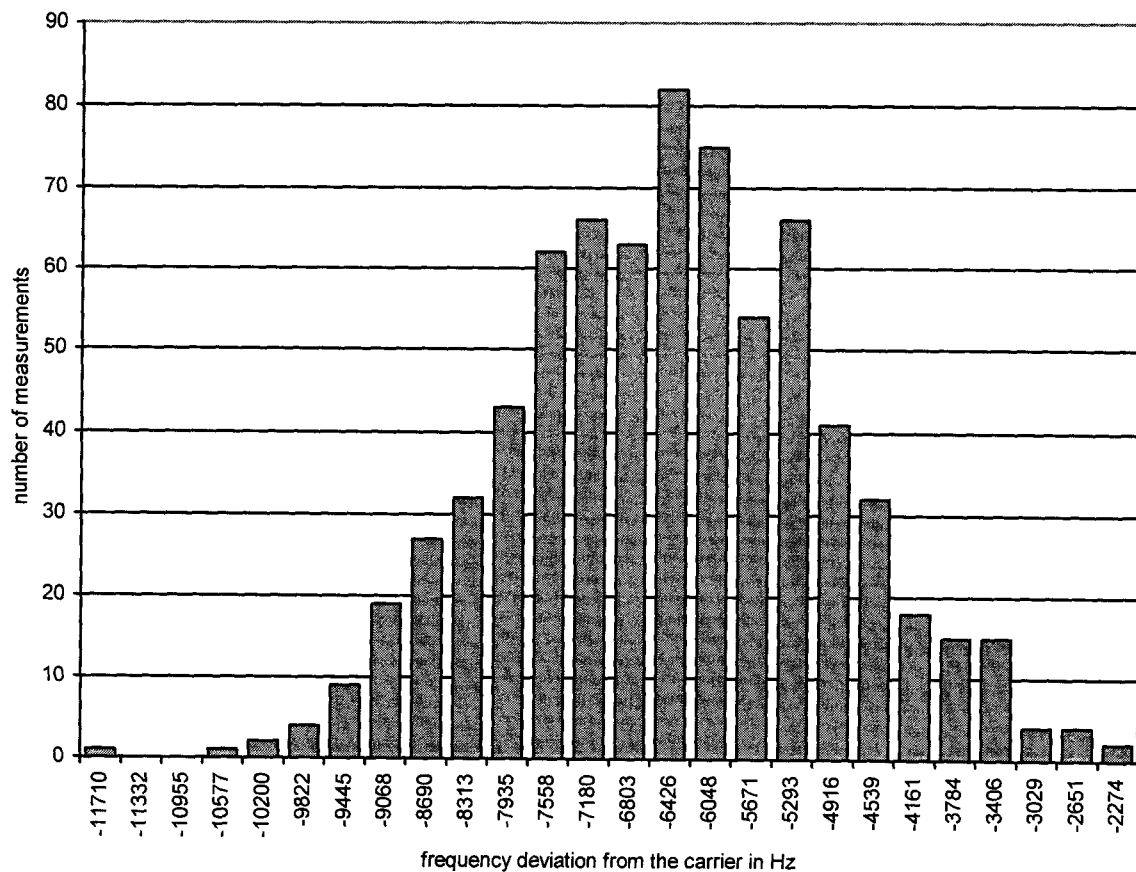
FCC Part 15.323(f) Frequency Stability

Testprocedure ANSI 63.17-1998 6.2.1

EUT	Quail Digital
Model	QD-PS 12/6 (Fix part)
Applicant	Quail LTd
Temperature	50 °C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.2.1 Frequency stability

Power supply	Vnom
Frequency of carrier	1924,956379 MHz
Measured mean	1924,949944 MHz
Deviation	3,34 ppm
Result	Verdict = PASS

Histogram



Measurement diagram

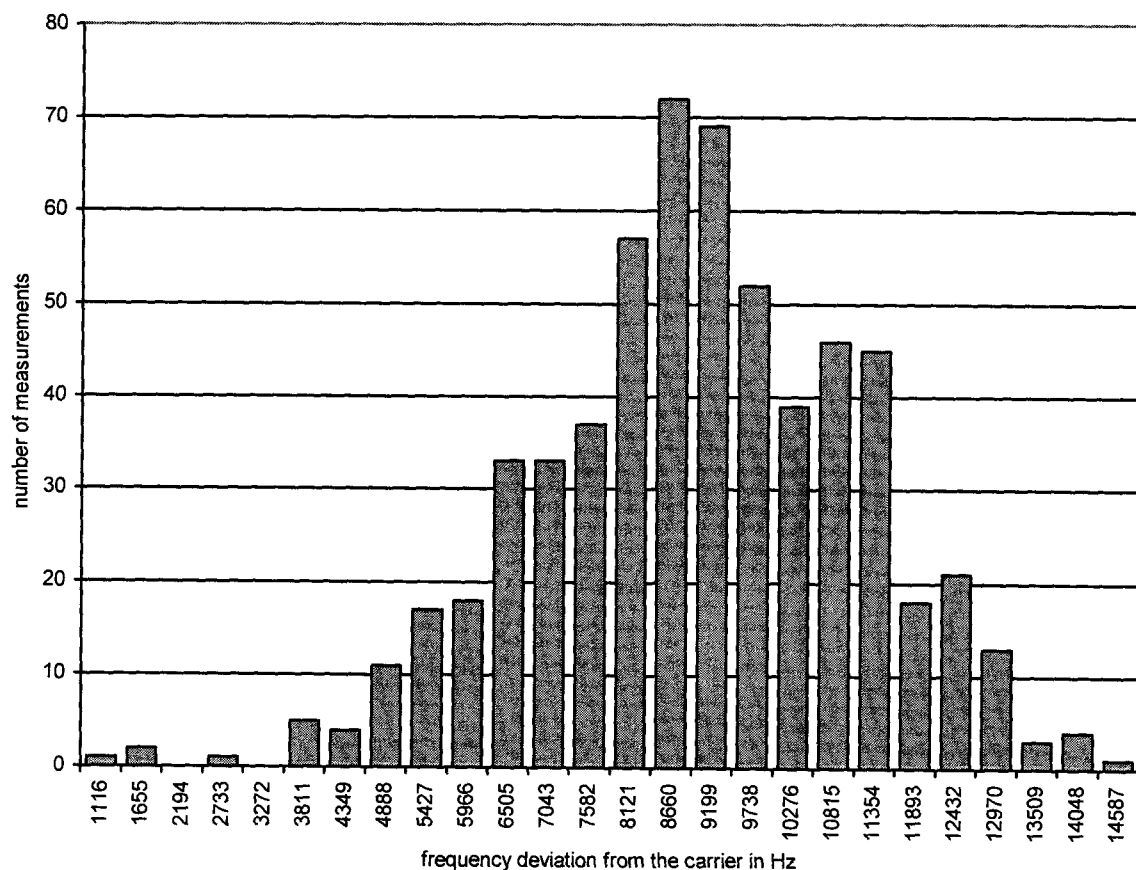
FCC Part 15.323(f) Frequency Stability

Testprocedure ANSI 63.17-1998 6.2.1

EUT	Quail Digital
Model	QD-PS 12/6 (Fix part)
Applicant	Quail LTd
Temperature	0 °C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.2.1 Frequency stability

Power supply	Vnom
Frequency of carrier	1924,956379 MHz
Measured mean	1924,965375 MHz
Deviation	-4,67 ppm
Result	Verdict = PASS

Histogram



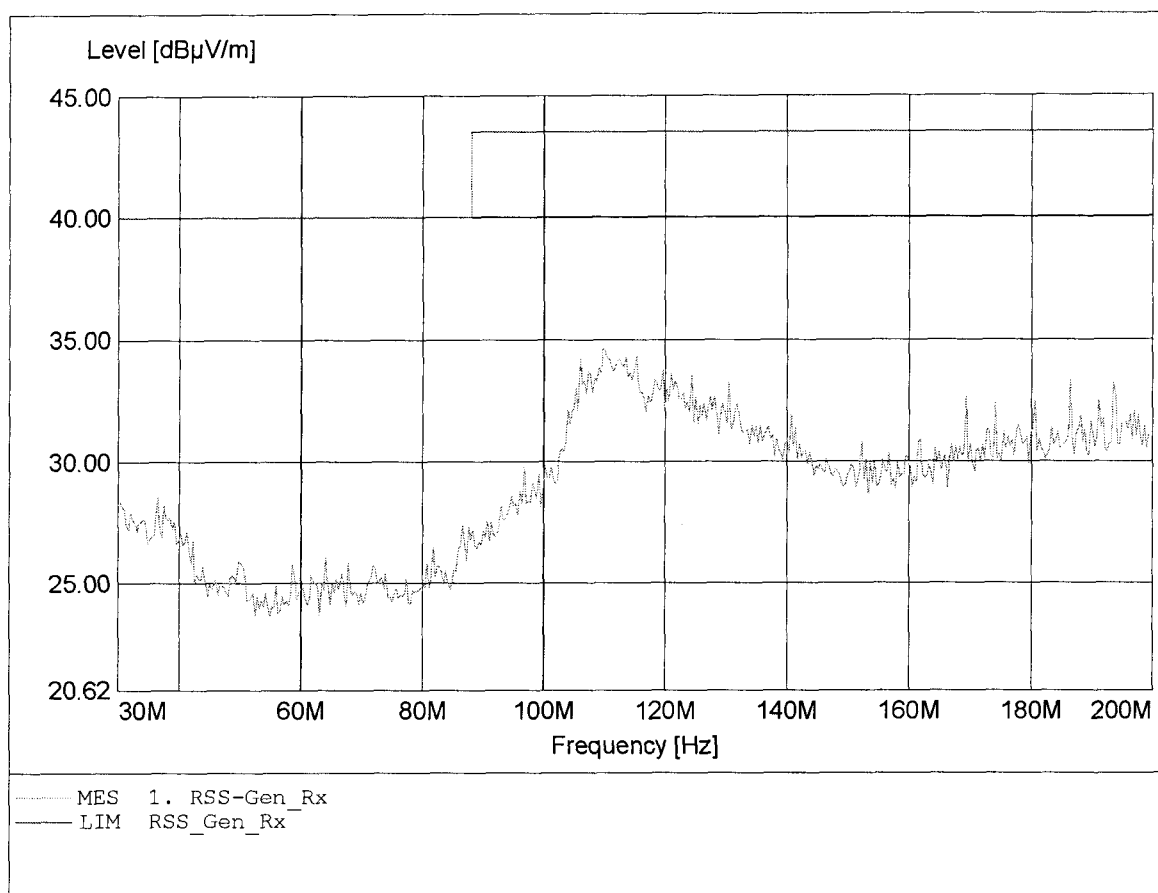
Measurement diagram

Appendix U

Receiver spurious emissions

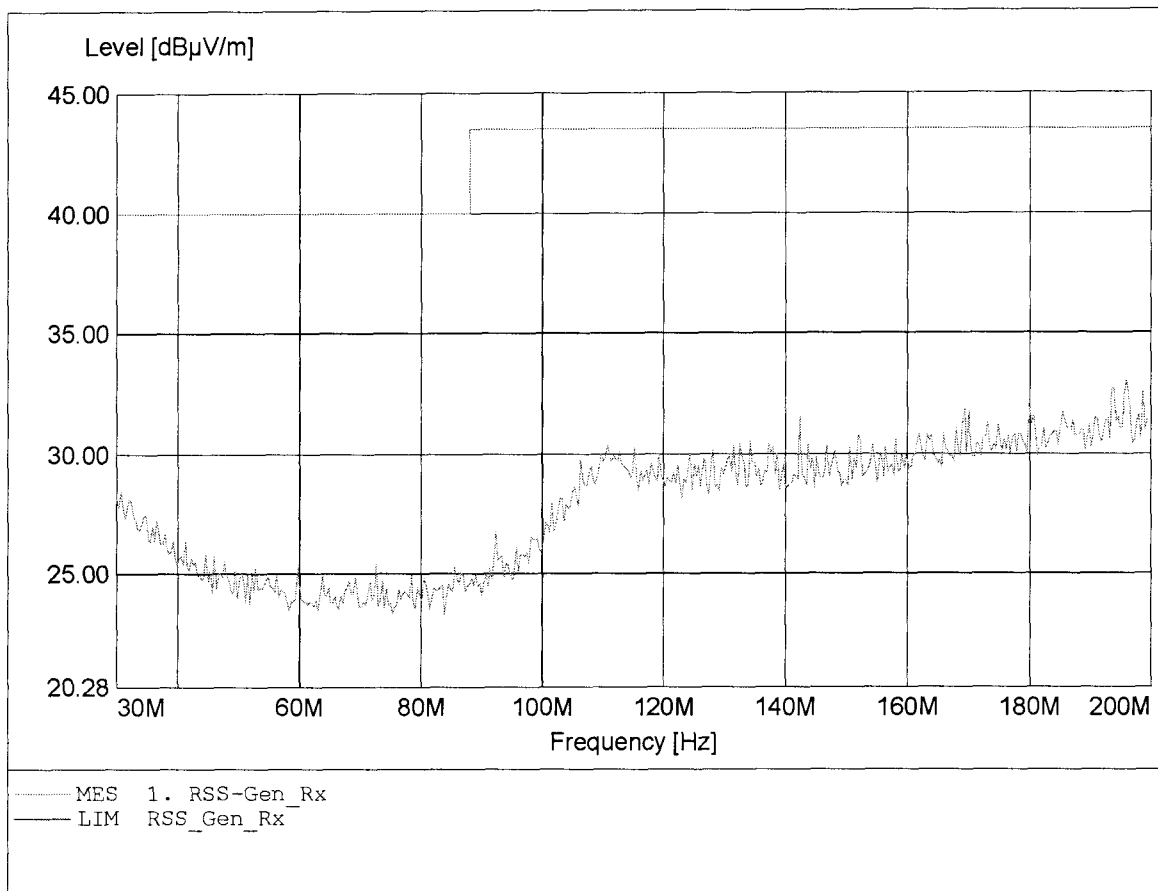
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: QUAIL LTD
EUT: QUAIL DIGITAL
Model: QD-PS 1216 (FIX PART)
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 120 V AC (AC/DC-adaptor)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:109.719MHz Emax:34.69dBμV/m RBW: 100 kHz



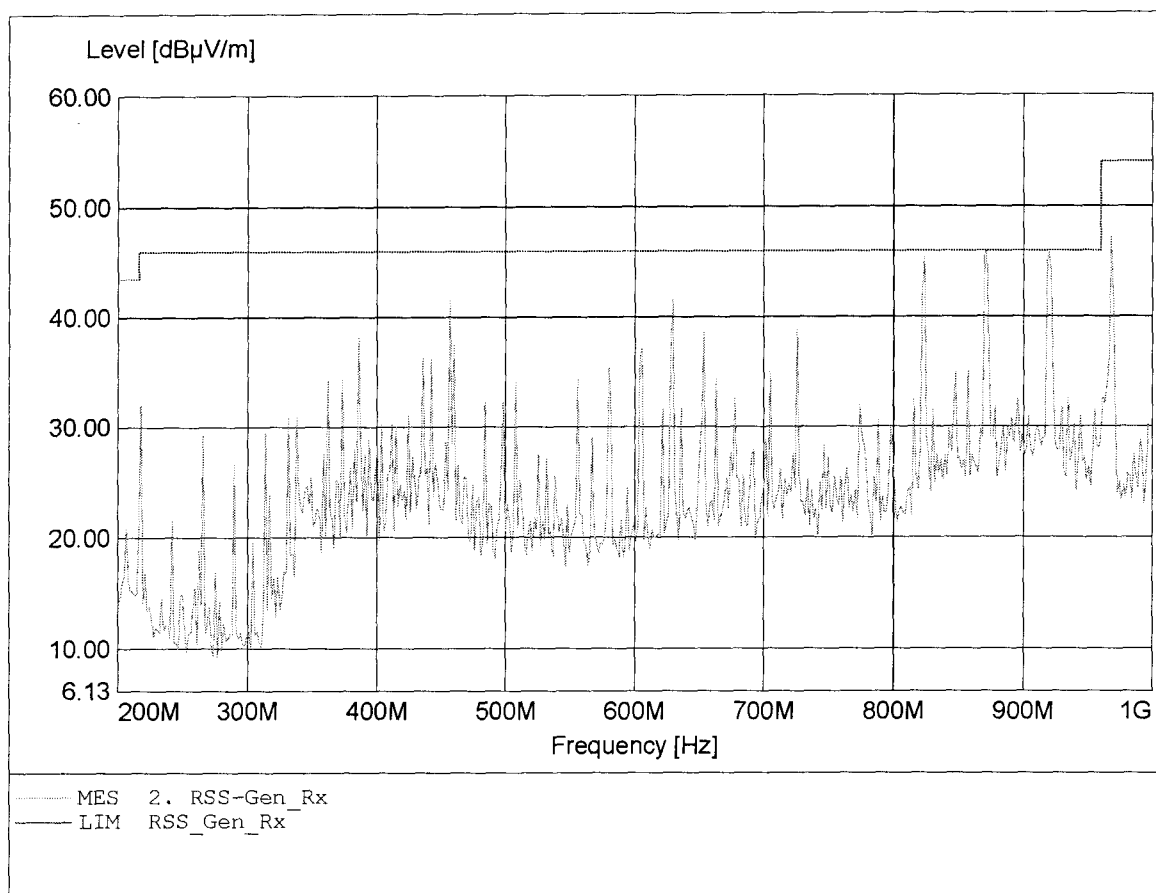
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: QUAIL LTD
EUT: QUAIL DIGITAL
Model: QD-PS 1216 (FIX PART)
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 120 V AC (AC/DC-adaptor)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:195.912MHz Emax:33.02dBμV/m RBW: 100 kHz



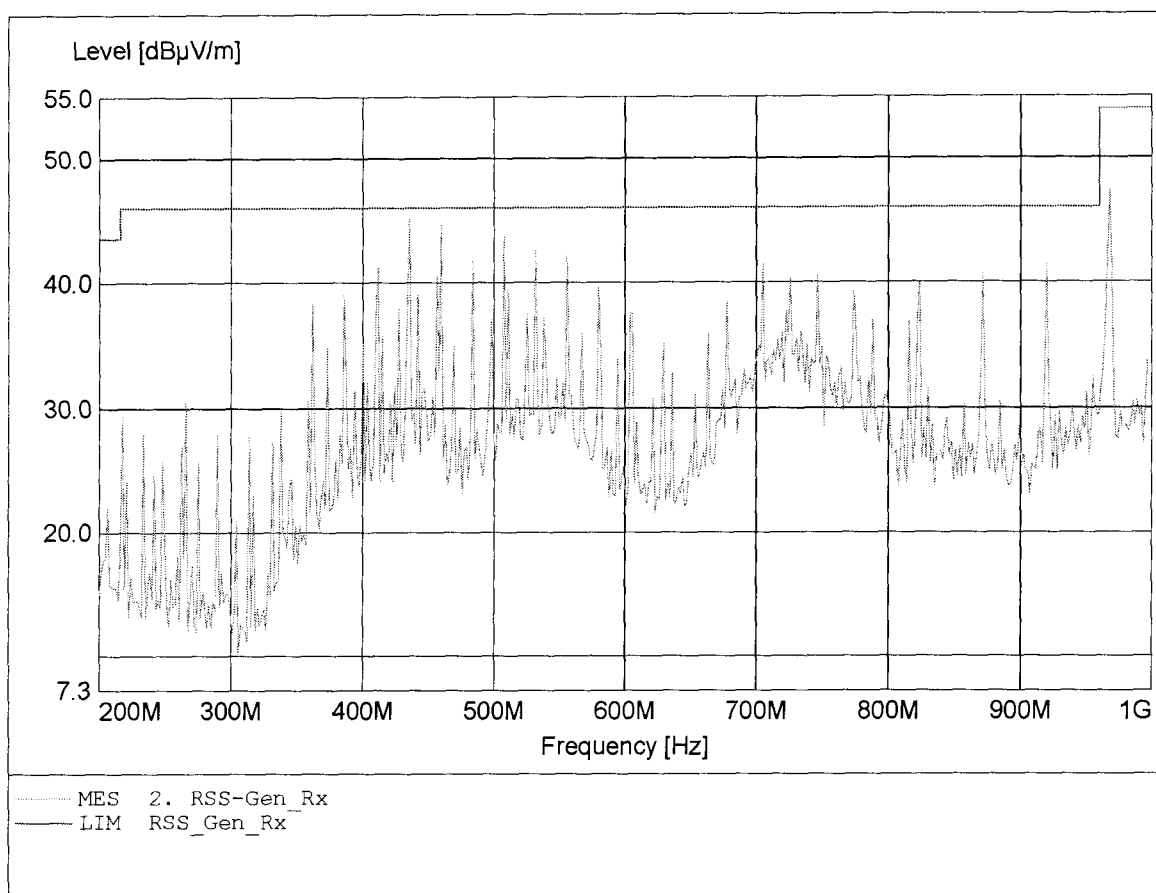
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: QUAIL LTD
EUT: QUAIL DIGITAL
Model: QD-PS 1216 (FIX PART)
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 120 V AC (AC/DC-adaptor)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq: 919.840MHz Emax: 45.89dBµV/m RBW: 100 kHz



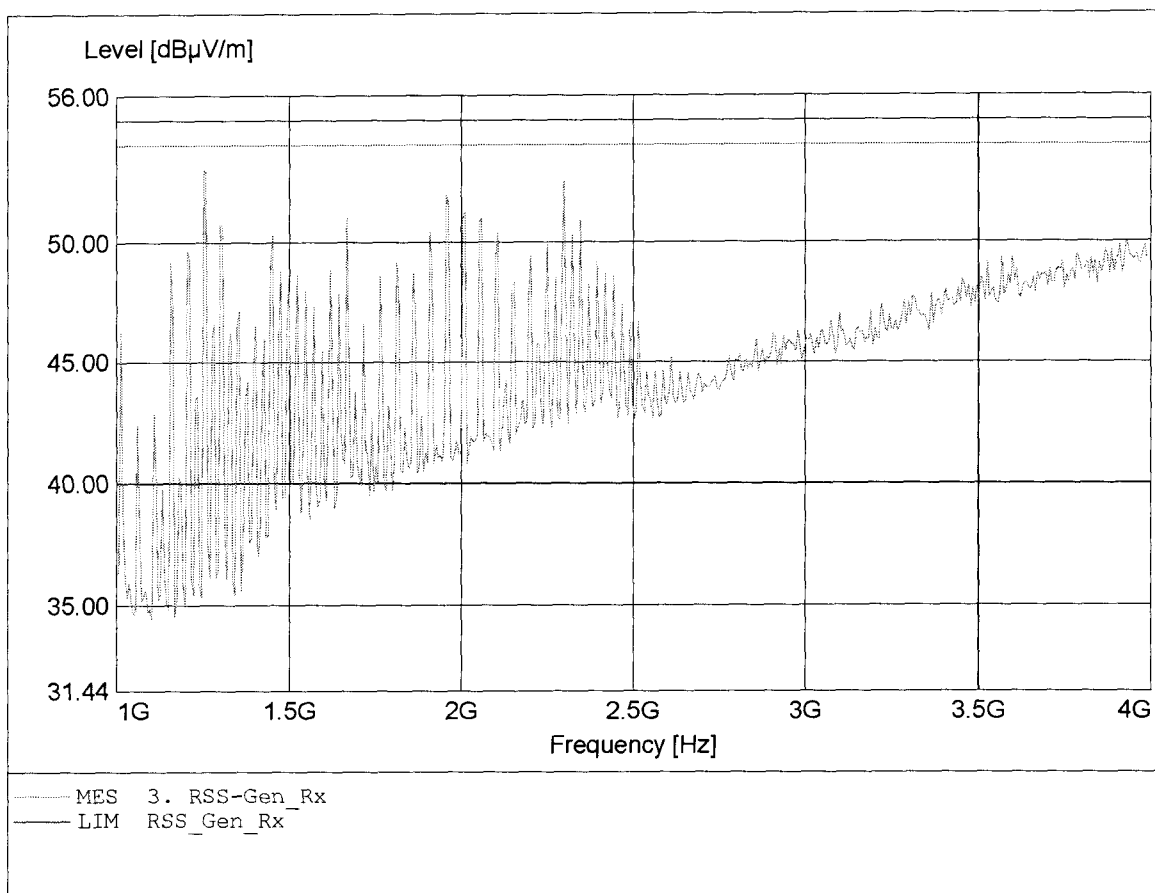
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: QUAIL LTD
EUT: QUAIL DIGITAL
Model: QD-PS 1216 (FIX PART)
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 120 V AC (AC/DC-adaptor)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:967.936MHz Emax:47.30dB μ V/m RBW: 100 kHz



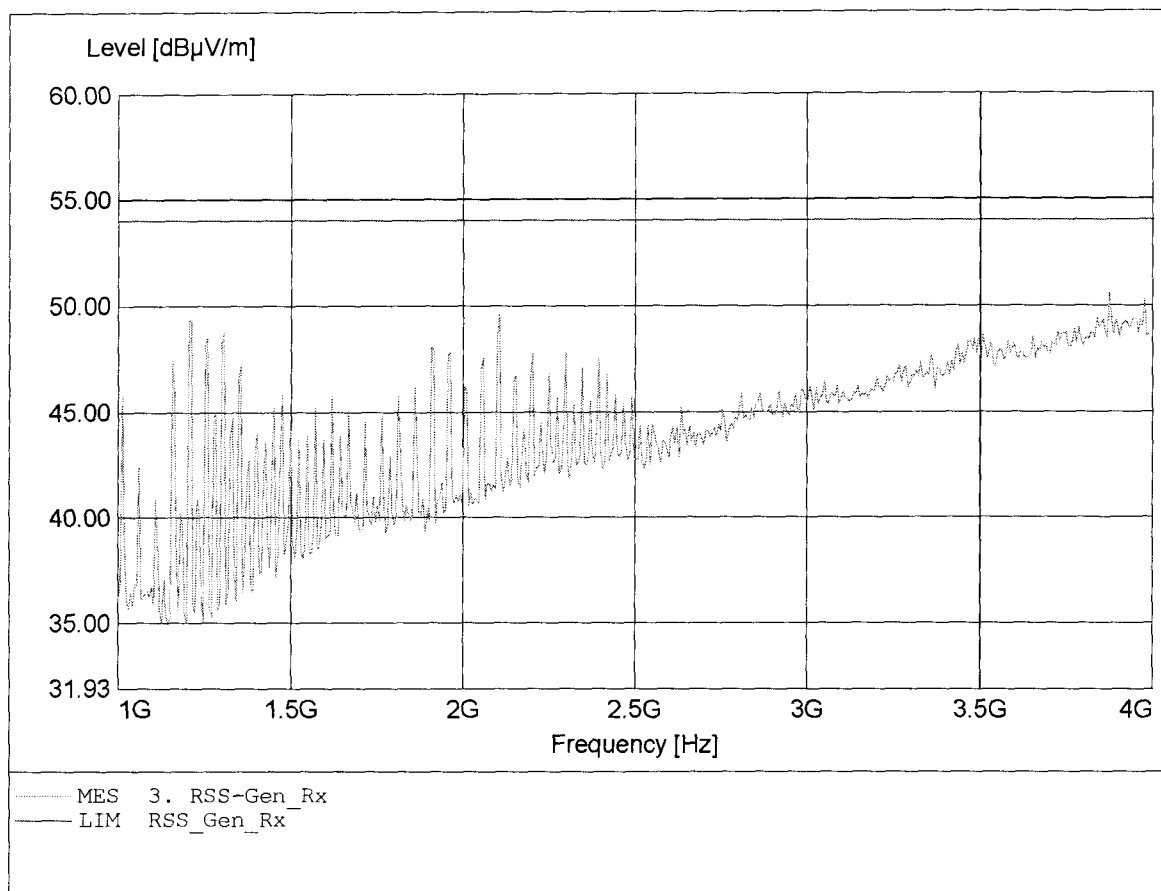
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: QUAIL LTD
EUT: QUAIL DIGITAL
Model: QD-PS 1216 (FIX PART)
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 120 V AC (AC/DC-adaptor)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:1.253GHz Emax:53.01dBµV/m RBW: 1 MHz



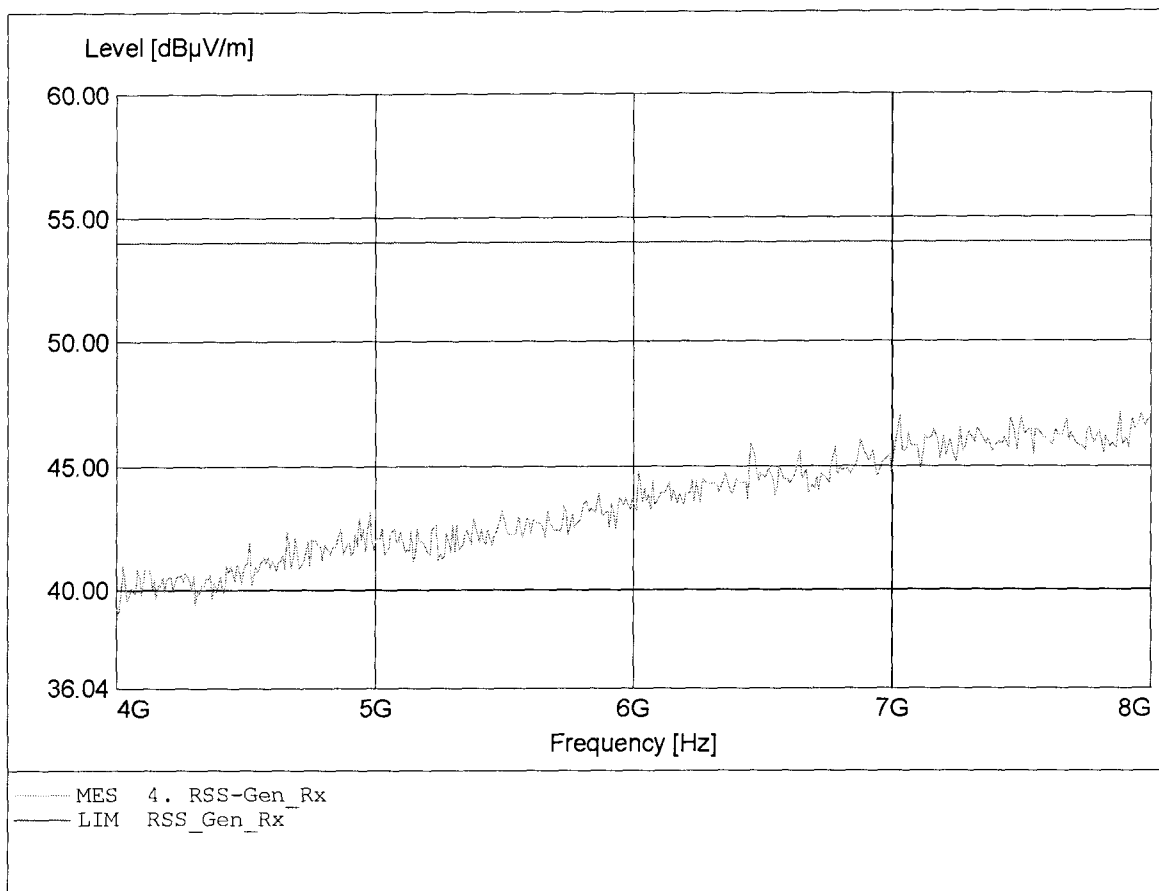
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: QUAIL LTD
EUT: QUAIL DIGITAL
Model: QD-PS 1216 (FIX PART)
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 120 V AC (AC/DC-adaptor)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.874GHz Emax:50.56dBµV/m RBW: 1 MHz



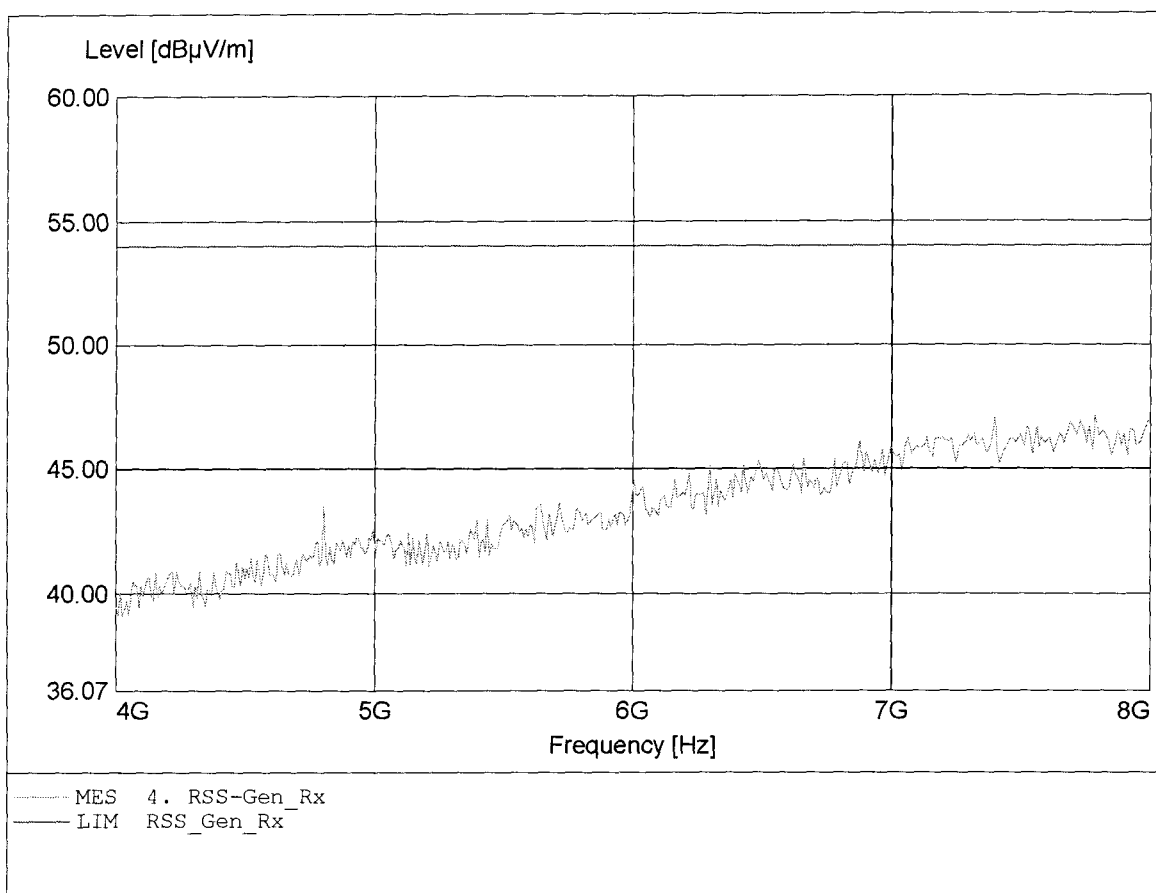
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: QUAIL LTD
EUT: QUAIL DIGITAL
Model: QD-PS 1216 (FIX PART)
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 120 V AC (AC/DC-adaptor)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq: 7.880GHz Emax: 47.13dB μ V/m RBW: 1 MHz



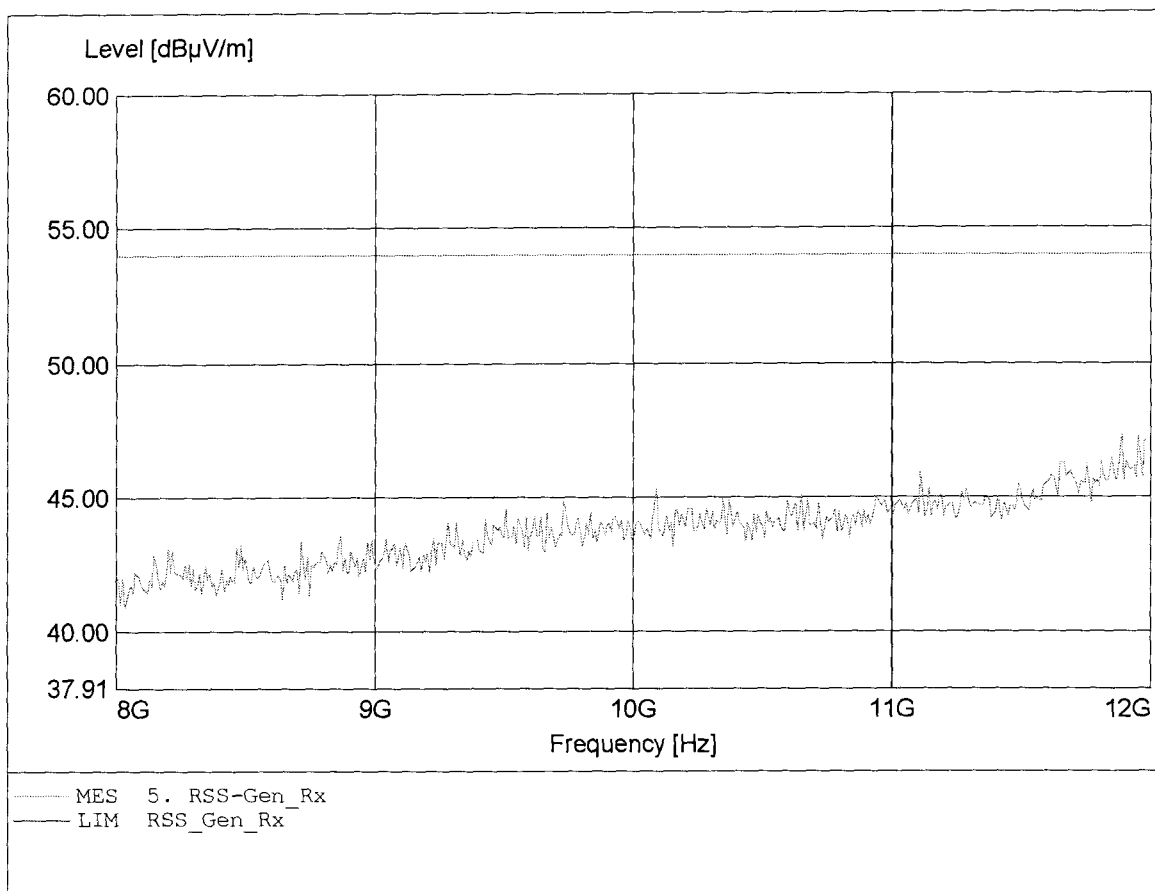
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: QUAIL LTD
EUT: QUAIL DIGITAL
Model: QD-PS 1216 (FIX PART)
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 120 V AC (AC/DC-adaptor)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq: 7.784GHz Emax: 47.17dBµV/m RBW: 1 MHz



Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: QUAIL LTD
EUT: QUAIL DIGITAL
Model: QD-PS 1216 (FIX PART)
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 120 V AC (AC/DC-adaptor)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:11.888GHz Emax:47.36dB μ V/m RBW: 1 MHz



Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: QUAIL LTD
EUT: QUAIL DIGITAL
Model: QD-PS 1216 (FIX PART)
Test Site / Operator: ETS / Mr. Schlaps
Operating Conditions: 23°C / Unom.: 120 V AC (AC/DC-adaptor)
Test Specification: according to RSS-Gen Issue 1
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:11.944GHz Emax:46.84dB μ V/m RBW: 1 MHz

