



Appendix L

Monitoring of intended transmit window and maximum reaction time

Test case ANSI_7.5_reaction_time_low_ch.xml

Date 07.09.2005 13:01:00

Reference to the EUT G0M20504-9416 / WRFP4 1G9

Comment: 35us 50us 3 X 75us impulse

KIRK UPCS (DECT based) Repeater (WRFP)
Kirk telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHZ	1923.264 MHZ	1924.992 MHz	1926.720 MHZ	1928.448 MHZ	Comment
	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	Peak in dBm RMS in dBm	
00:15:00.5000000	-15,6 -37,1	-35,5 -55,4	-44,4 -56,1	-50,8 -56,1	-55,2 -56,1	50µs interferer is off
00:15:25.1718750	-49,1 -64,3	-55,5 -56,4	-56 -56,5	-55,2 -56,6	-55,2 -56,5	interferer is on no connection
00:15:22.7187500	-47,5 -64,2	-55,3 -56,4	-15,6 -40,6	-56,2 -56,6	-55,2 -56,5	35µs interferer is off
00:15:45.2968750	-16 -40,7	-31 -55	-56 -56,5	-30,7 -55,1	-15,7 -40,2	interferer is on no connection
00:20:30.5312500	-41,4 -74	-31 -63	-15,6 -40	-31,2 -61,9	-15,8 -40,9	75µs on symbol 0 is off
00:21:01.2031250	-41,1 -56,1	-56 -56,4	-48,3 -56,5	-55,3 -56,6	-56 -56,6	interferer is on no connection
00:21:43.6562500	-48,5 -78,2	-41,4 -71,3	-30,9 -60,2	-15,9 -37,9	-35,2 -64,7	75µs on symbol 180 is off
00:22:11.1718750	-42,1 -55,8	-55,9 -56,4	-48,2 -56,5	-56,1 -56,6	-56,2 -56,6	interferer is on no connection
00:23:19.8906250	-41,6 -74,1	-30,8 -63,1	-16 -40,7	-31 -61,7	-15,9 -40,5	75µs on symbol 360 is off
00:23:58.8125000	-41,7 -56,6	-56,1 -56,4	-48,6 -56,5	-56,2 -56,6	-56,1 -56,6	interferer is on no connection

Log file

Test case ANSI_7.5_reaction_time_mid_ch

Date 07.09.2005 13:24:22

Reference to the EUT G0M20504-9416 / WRFP4 1G9

Comment: 35us 50 us 3 X 75us

KIRK UPCS (DECT based) Repeater (WRFP)
Kirk telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHZ	1923.264 MHZ	1924.992 MHZ	1926.720 MHZ	1928.448 MHZ	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:36:27.1250000	-79,8 -89,6	-80,4 -89,7	-52,5 -78	-80,1 -89,7	-79,6 -89,6	interferer is off connection
00:36:35.8906250	-81,2 -89,7	-15,5 -39,6	-52,5 -77,9	-80,6 -89,5	-79,6 -89,5	50µs interferer is off
00:37:05.2343750	-55,9 -56,3	-55,7 -56,1	-51,1 -69,1	-55,2 -55,6	-54,9 -55,3	interferer is off connection
00:45:49.9375000	-41,1 -73,7	-30,8 -62,8	-15,5 -40,2	-30,9 -61,8	-15,9 -40,7	35µs interferer is off
00:46:14.0937500	-55,9 -56,4	-55,5 -56,5	-47,2 -65,9	-56,2 -56,6	-55,1 -56,5	interferer is off connection
00:47:07.1562500	-15,7 -40,2	-37,1 -68,6	-41 -71,6	-31 -63	-15,7 -40,3	75µs on symbol 0 is off
00:47:27.2187500	-55,8 -56,4	-56,1 -56,5	-42,2 -59,7	-55,3 -56,6	-56 -56,6	interferer is off connection
00:48:02.2031250	-16 -40,5	-31,3 -62	-15,8 -40,4	-35 -66,5	-44,5 -76,7	75µs on symbol 180 is off
00:48:16	-55,5 -56,2	-55,4 -56,2	-41,8 -59,3	-55 -56,1	-55 -56	interferer is off connection
00:48:50.2343750	-41,4 -71,4	-30,8 -60,2	-15,7 -37,6	-34,9 -64,3	-44,5 -74,6	75µs on symbol 360 is off

Log file

Test case ANSI_7.5_reaction_time_high_ch

Date 07.09.2005 13:44:45

Reference to the EUT

G0M20504-9416 / WRFP4 1G9

Comment:

35us 50 us 3 X 75us

KIRK UPCS (DECT based) Repeater (WRFP)

Kirk telecom A/S

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHZ	1923.264 MHZ	1924.992 MHz	1926.720 MHz	1928.448 MHz	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
01:03:21.1250000	-41,3 -71,2	-30,9 -60,2	-15,8 -37,7	-35,1 -64,3	-44,6 -74,8	interferer is off connection
01:04:18.7500000	-52 -52,3	-52,2 -52,5	-48,6 -52,4	-52,2 -52,4	-51,5 -67,1	50µs interferer is off
01:05:04.9843750	-15,8 -40,2	-31,2 -62,1	-15,9 -41,2	-34,9 -66,9	-44,9 -77,1	interferer is off connection
01:06:11.9531250	-51,8 -52,1	-51,5 -51,9	-47,6 -51,6	-51,1 -51,4	-41,5 -61,5	35µs interferer is off
01:07:15.1562500	-15,7 -40,3	-31,2 -62,2	-15,7 -41	-34,6 -66,5	-44,7 -77,1	interferer is off connection
01:07:32.3437500	-52 -52,3	-51,5 -52,4	-46,8 -52,3	-52,2 -52,5	-42,6 -56,5	75µs on symbol 0 is off
01:07:44.5312500	-15,6 -40,1	-31,2 -61,9	-15,7 -39,9	-35,3 -67,1	-44,9 -77,2	interferer is off connection
01:08:51.5000000	-51,6 -52,1	-51,5 -52,1	-48,1 -51,9	-51,2 -52	-41,3 -56,1	75µs on symbol 180 is off
01:09:21.2187500	-48,8 -80,4	-41,3 -73,4	-31,1 -62,6	-15,7 -40,4	-15,4 -41,2	interferer is off connection
01:09:47.2968750	-51,6 -52,1	-51,5 -52,1	-48,8 -51,9	-51,1 -52	-41,4 -55,9	75µs on symbol 360 is off

Log file



Appendix M

Monitoring band width

Test case Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth
 Date 07.07.2005 12:58:48
 Reference to the EUT WRFP4 1G9
 Comment: ANSI_7.4.1_monitoring_bandwidth low channel +30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHZ	1923.264 MHZ	1924.992 MHZ	1926.720 MHZ	1928.448 MHZ	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
01:57:08.1406250	-81,7 -90,7	-81,3 -90,8	-53,3 -78,8	-81,8 -90,9	-80,6 -90,7	
01:57:12.2812500	-81,4 -90,9	-55,1 -55,4	-49,5 -55,1	-54,5 -54,9	-54,4 -54,7	Interferers active
02:00:16.5156250	-79,5 -90,9	-54,7 -55,2	-50,6 -55,2	-54,4 -55,2	-54,3 -55,2	No connection

Log file

Test case Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth
 Date 07.07.2005 12:52:41
 Reference to the EUT WRFP4 1G9
 Comment: ANSI_7.4.1_monitoring_bandwidth low channel -30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHZ	MHZ	MHZ	MHZ	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
01:52:02.6718750	-81,9 -91,1	-80,8 -90,7	-53,2 -78,7	-82,1 -90,9	-81,1 -90,9	
01:52:13.6718750	-81,5 -90,9	-55 -55,4	-49,9 -55,1	-54,5 -54,9	-54,3 -54,7	Interferers active
01:53:51.5156250	-81,4 -90,7	-54,7 -55,2	-48,9 -55,2	-54,4 -55,2	-54,3 -55,2	
01:54:05.2343750	-81,8 -91	-54,7 -55,2	-51 -55,2	-54,4 -55,2	-54,4 -55,2	No connection

Log file

Test case Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth
 Date 07.07.2005 13:08:52
 Reference to the EUT WRFP4 1G9
 Comment: ANSI_7.4.1_monitoring_bandwidth mid channel +30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
02:06:14.4843750	-80,9 -90,7	-82,2 -90,6	-53,3 -78,8	-80,9 -90,7	-82,1 -90,7	
02:06:18.2187500	-56,8 -58,5	-56,4 -56,8	-53,3 -78,8	-55,8 -56,2	-55,6 -56	Interferers active
02:10:24.8593750	-55 -56,8	-55,1 -55,5	-53,7 -79,2	-54,5 -55,6	-55,4 -55,7	No connection OK

Log file

Test case Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth
 Date 07.07.2005 13:02:37
 Reference to the EUT WRFP4 1G9
 Comment: ANSI_7.4.1_monitoring_bandwidth mid channel -30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
02:02:23.6093750	-82,2 -90,9	-81 -90,9	-53,2 -78,8	-81,9 -90,8	-81 -90,9	
02:02:27.6250000	-55,4 -55,8	-55,1 -55,4	-53,2 -78,8	-54,5 -54,8	-54,4 -54,7	Interferers active
02:04:04.2500000	-55,4 -55,8	-55 -55,4	-53,4 -78,8	-54,5 -54,9	-54,4 -54,7	No connection

Log file

Test case Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth
 Date 07.07.2005 13:23:18
 Reference to the EUT WRF4 1G9
 Comment: ANSI_7.4.1_monitoring_bandwidth high channel +30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
02:17:09.4531250	-81 -90,7	-81,3 -90,8	-53,4 -78,9	-81,6 -90,8	-82,5 -90,8	
02:17:26.2343750	-54,9 -55,4	-54,6 -55,3	-49,7 -55,1	-42,1 -55,2	-16,7 -41,6	Interferers active
02:17:28.7031250	-54,7 -55,3	-54,6 -55,2	-50,4 -55,1	-54,4 -55,2	-80,8 -90,7	
02:24:43.4218750	-55 -55,4	-54,7 -55,3	-48,7 -55,1	-54,4 -55,2	-81,7 -90,6	No connection OK

Log file

Test case Rev. Draft 1.1 ANSI_7.4.1_monitoring_bandwidth
 Date 07.07.2005 13:13:29
 Reference to the EUT WRFP4 1G9
 Comment: ANSI_7.4.1_monitoring_bandwidth high channel -30%

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536	1923.264	1924.992	1926.720	1928.448	Comment
	MHZ	MHz	MHz	MHz	MHz	
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
02:12:58.5000000	-80,3 -90,7	-80,3 -90,8	-53,3 -78,8	-82 -90,9	-82,1 -90,9	
02:13:46.7812500	-54,9 -55,3	-54,7 -55,3	-49 -55,1	-54,4 -55,2	-16,7 -41,9	Interferers active
02:13:47.6093750	-54,9 -55,3	-54,6 -55,2	-48,7 -55,1	-54,4 -55,2	-81,7 -90,7	
02:15:00.1562500	-54,9 -55,4	-54,7 -55,3	-50,6 -55,2	-54,5 -55,2	-81,2 -90,4	No connection OK

Log file

Appendix N

Random waiting interval

Appendix O

Duration of Transmission

Transmission duration

	Frequency channel	time slot
[29.09.2005][07:42:45]	0	4
[29.09.2005][07:47:44]	0	4
[29.09.2005][07:52:44]	0	4
[29.09.2005][07:57:44]	0	4
[29.09.2005][08:02:44]	0	4
[29.09.2005][08:07:44]	0	4
[29.09.2005][08:12:44]	1	8
[29.09.2005][08:17:44]	1	8
[29.09.2005][08:22:44]	1	8
[29.09.2005][08:27:44]	1	8
[29.09.2005][08:32:44]	1	8
[29.09.2005][08:37:44]	1	8
[29.09.2005][08:42:44]	0	4
[29.09.2005][08:47:44]	0	4
[29.09.2005][08:52:44]	0	4
[29.09.2005][08:57:44]	0	4
[29.09.2005][09:02:44]	0	4
[29.09.2005][09:07:44]	0	4
[29.09.2005][09:12:44]	1	8
[29.09.2005][09:17:44]	1	8
[29.09.2005][09:22:44]	1	8
[29.09.2005][09:27:44]	1	8
[29.09.2005][09:32:44]	1	8
[29.09.2005][09:37:44]	1	8
[29.09.2005][09:42:44]	0	4
[29.09.2005][09:47:44]	0	4

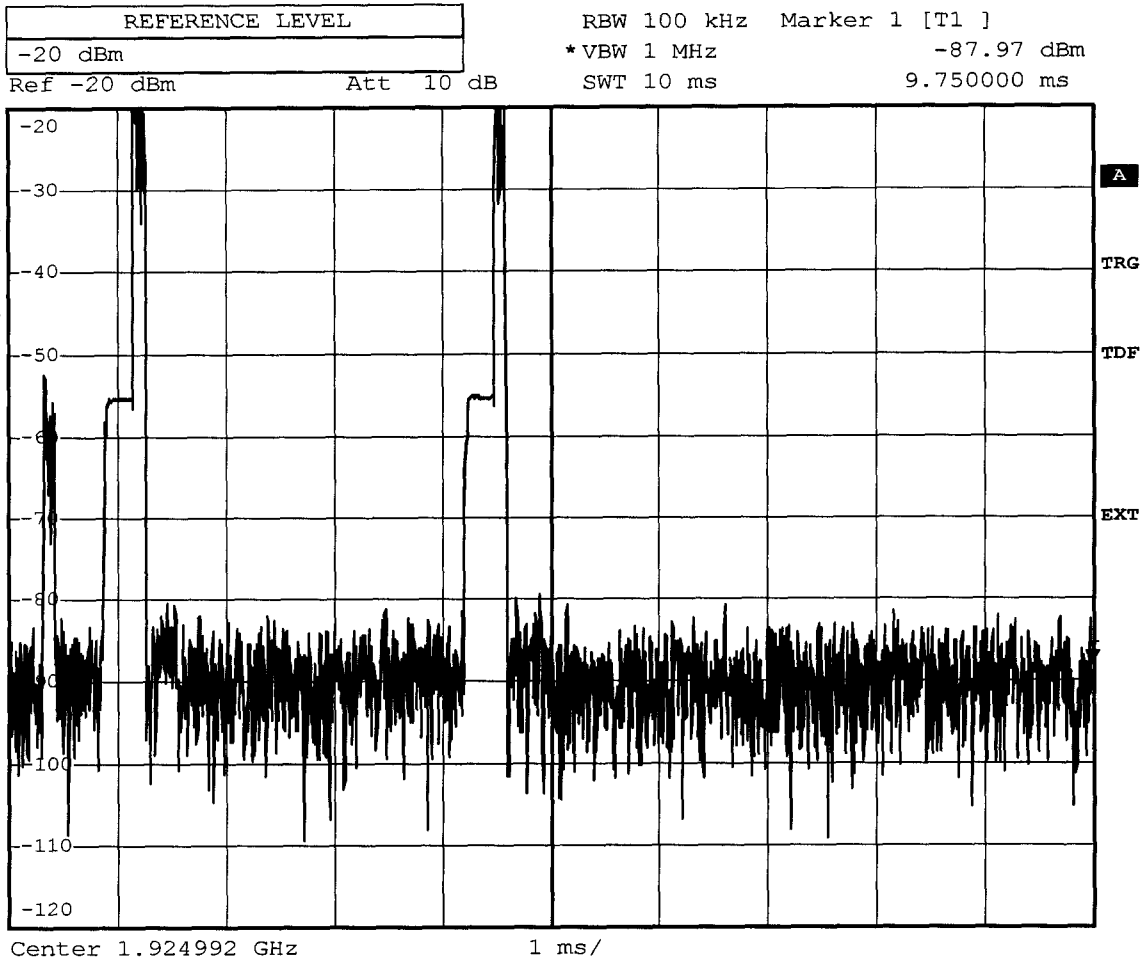
Log file

Appendix P

Connection acknowledgement

ANSI_8.1.3_Unacknowledged transmissions
1s criteria

EUT	US-DECT Repeater
Model	WRFP4 1G9
Applicant	KIRK UPCS (DECT based) Base station (RFP)
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	The transmit time without acknowledgment is 5 msec
Comment 2	limit: 1 s
Comment 3	verdict pass



Comment: ANSI C63.17-1998
 Date: 5.SEP.2005 14:03:16

Measurement diagram

Test case ANSI_8.2.1_Acknowledgments_new

Date 08.07.2005 07:20:34

Reference to the EUT G0M20504-9416 / WRFP4 1G9

Comment: 8.2.1 Acknowledgments

KIRK UPCS (DECT based) Repeater (WRFP)

Kirk telecom A/S

EUT shall change the channel within 20 sec if interference is

changed

Verdict: pass

The LOG table shows the level changes on each Channel of the transmission system

Time stamp	1921.536 MHZ	1923.264 MHZ	1924.992 MHZ	1926.720 MHZ	1928.448 MHZ	Comment
	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	Peak in dBm	
	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	RMS in dBm	
00:17:29.7968750	-28,9 -41,2	-21,8 -40,8	-5,7 -25,5	10,6 -7,2	-5,3 -26,4	4 interferers on
00:17:40.2187500	-24,4 -41	-5,7 -28,4	-32 -41,3	-5,4 -26,1	10,5 -10,4	Interferers off
00:17:45.0312500	-21,6 -40,8	-5,6 -25,5	10,7 -7,2	-5,4 -26,3	-25,2 -40,4	
00:17:49.8437500	-5,7 -25,6	10,7 -7,3	-5,4 -26,3	-24,1 -40,4	-30,6 -41,2	Interferers on

Log file



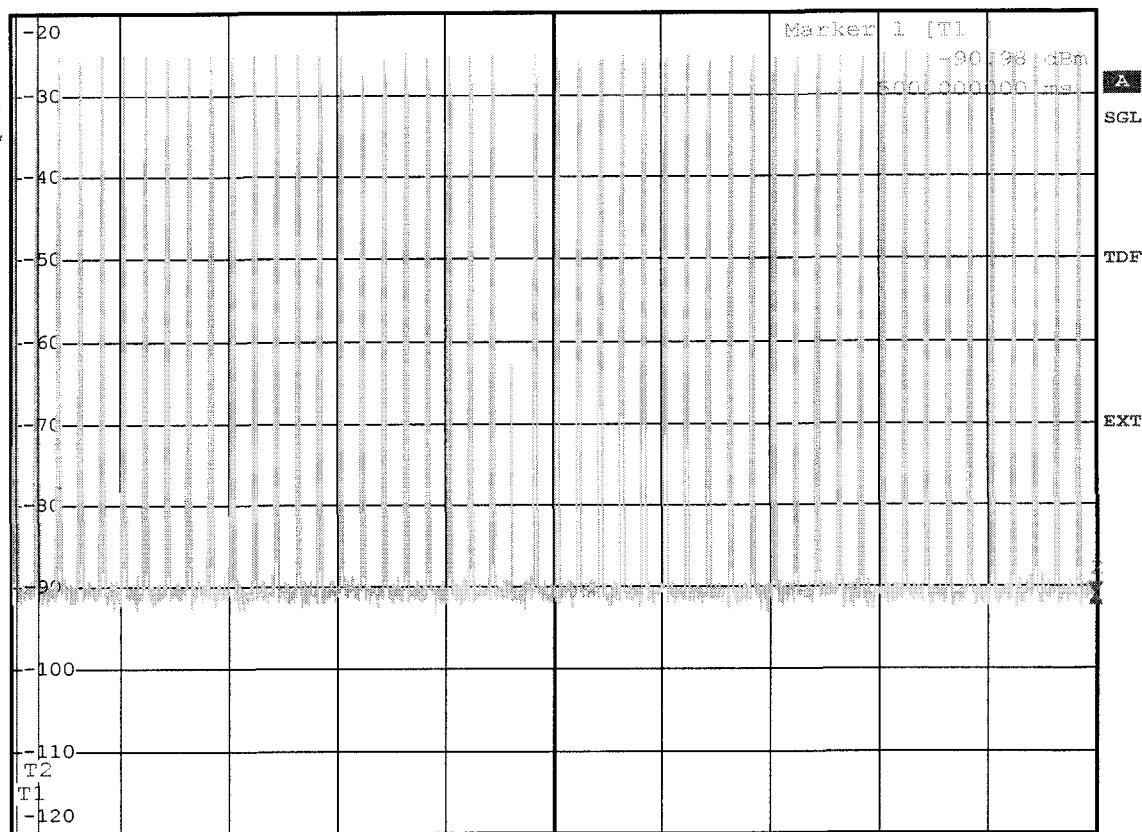
**ANSI 8.1 Unacknowledged Transmissions
UPCS1900**

Pause between transmissions when the access criteria is updated

EUT	US-DECT Repeater
Model	WRFP4 1G9
Applicant	KIRK UPCS (DECT based) Base station (RFP)
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	pause length = 10ms
Comment 2	limit = 10 ms
Comment 3	verdict pass



Power indication RBW 100 kHz Delta 2 [T1]
 * VBW 1 MHz 0.00 dB
 Ref -20 dBm Att 10 dB SWT 500 ms 0.000000 s



Center 1.92492 GHz 50 ms/

Comment: ANSI C63.17-1998
 Date: 6.JUL.2005 06:53:37

Measurement diagram

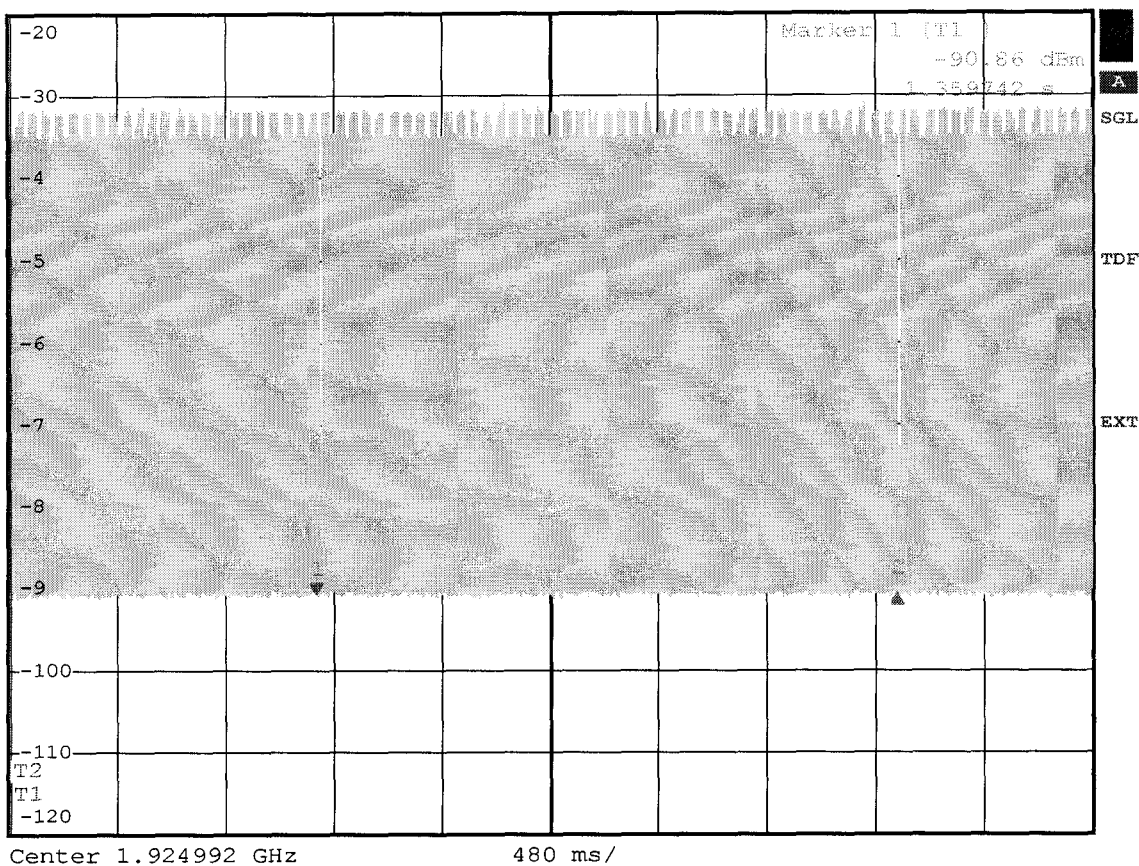


ANSI 8.1 Unacknowledged Transmissions
UPCS1900

EUT	US-DECT Repeater
Model	WRFP4 1G9
Applicant	KIRK UPCS (DECT based) Base station (RFP)
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	break after 2,5 seconds
Comment 2	limit 30 se.
Comment 3	verdict pass



Power indication RBW 100 kHz Delta 2 [T1]
 *VBW 1 MHz 0.09 dB
 Ref -20 dBm Att 10 dB SWT 4.8 s 2.571458 s



Comment: ANSI C63.17-1998
 Date: 6.JUL.2005 06:50:28

Measurement diagram

Appendix Q

Selected channel confirmation, power accuracy, segment occupancy

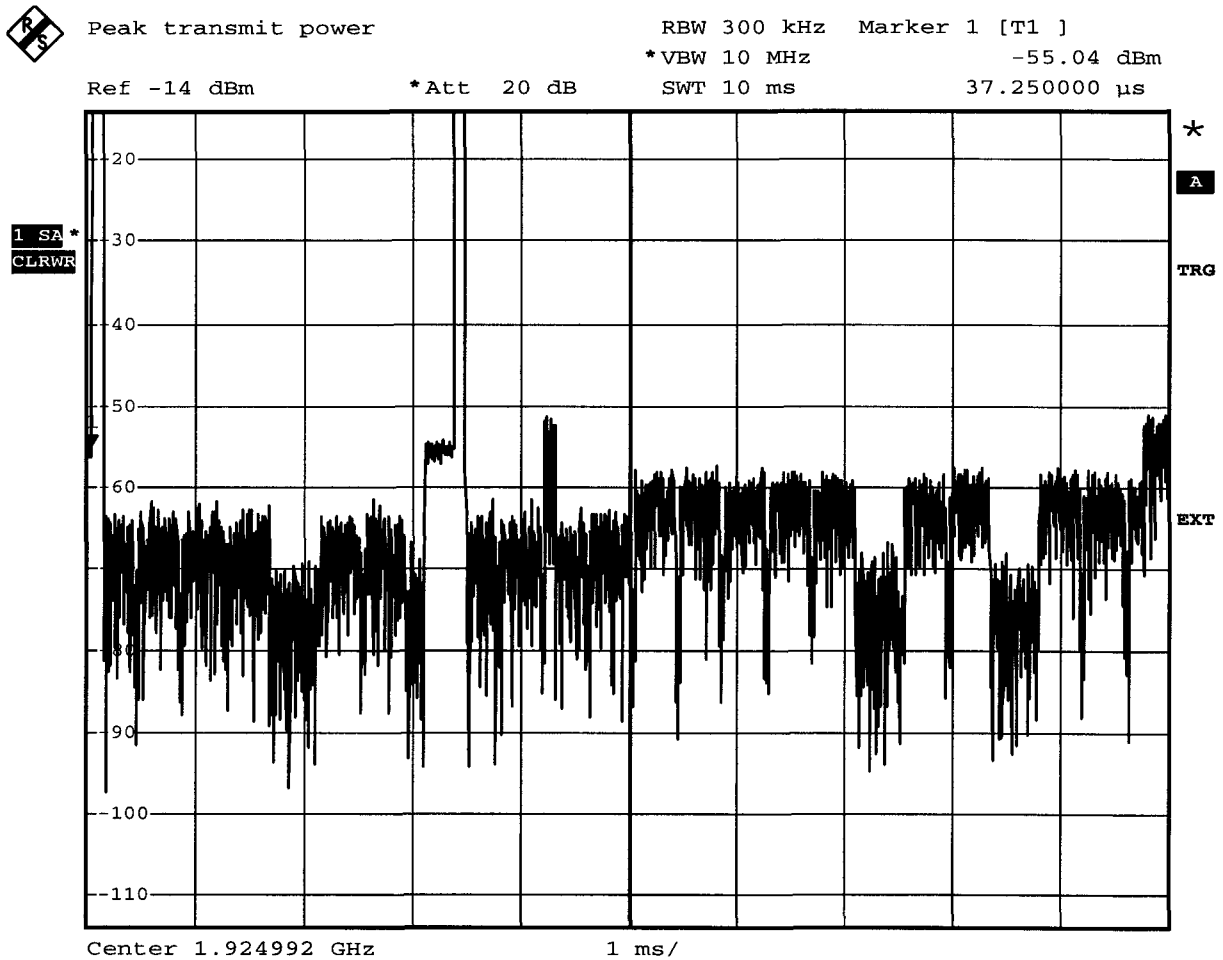
Appendix R

Duplex connections

ANSI 8.2.3 Duplex connections

Tx slot:l.c.t.+6dB, Rx slot:l.c.t.+13 dB

EUT	US-DECT Repeater
Model	WRFP 4 1G9
Applicant	KIRK UPCS (DECT based) Base station (RFP)
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	correct TX Slots used (related to the free RX slots)
Comment 2	
Comment 3	Verdict : PASS



Comment: Ansi C63.17-1998 6.1.2
 Date: 14.SEP.2005 10:49:40

Measurement diagram

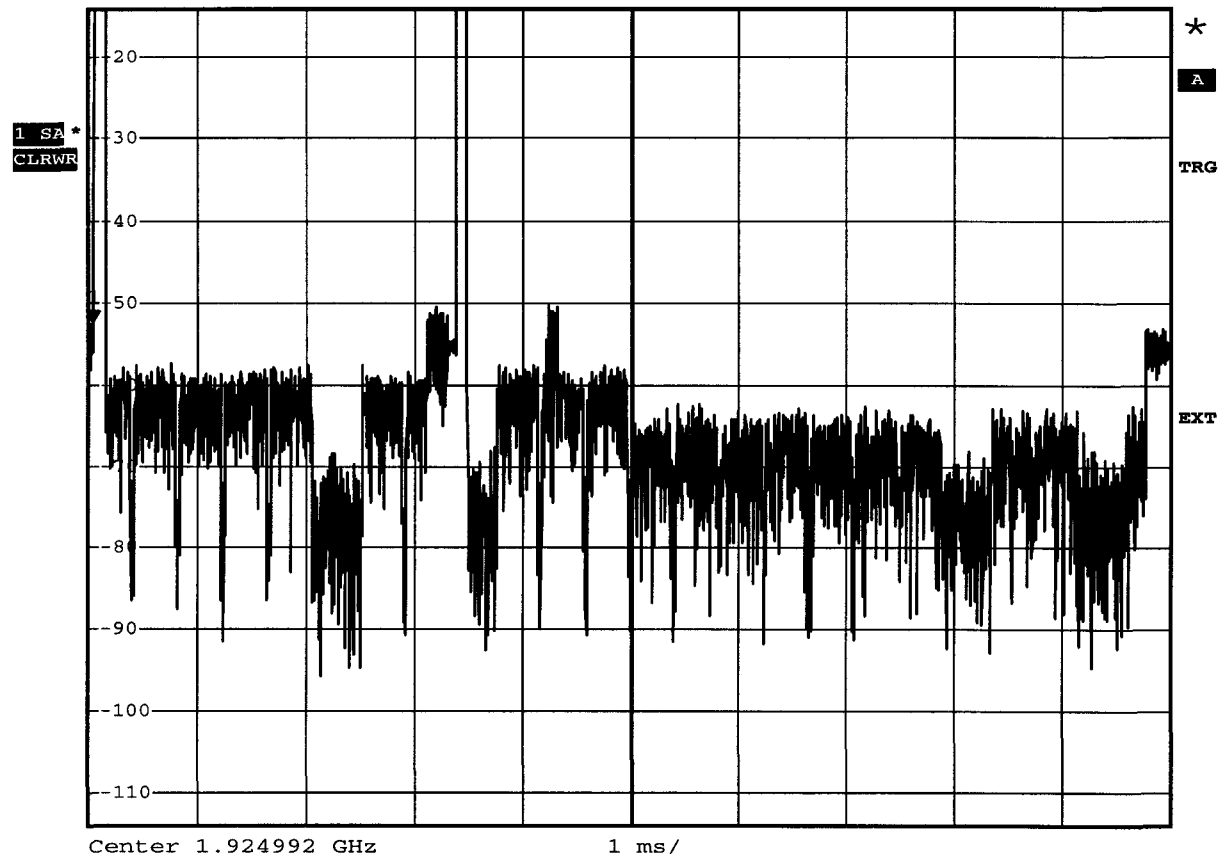
ANSI 8.2.3 Duplex connections

Tx slot:l.c.t.+13dB, Rx slot:l.c.t.+6 dB

EUT	US-DECT Repeater
Model	WRFP 4 1G9
Applicant	KIRK UPCS (DECT based) Base station (RFP)
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	correct TX slots used
Comment 2	
Comment 3	Verdict : PASS



Peak transmit power RBW 300 kHz Marker 1 [T1]
 *VBW 10 MHz -52.42 dBm
 Ref -14 dBm *Att 20 dB SWT 10 ms 37.25000 µs



Comment: Ansi C63.17-1998 6.1.2
 Date: 14.SEP.2005 10:45:37

Measurement diagram

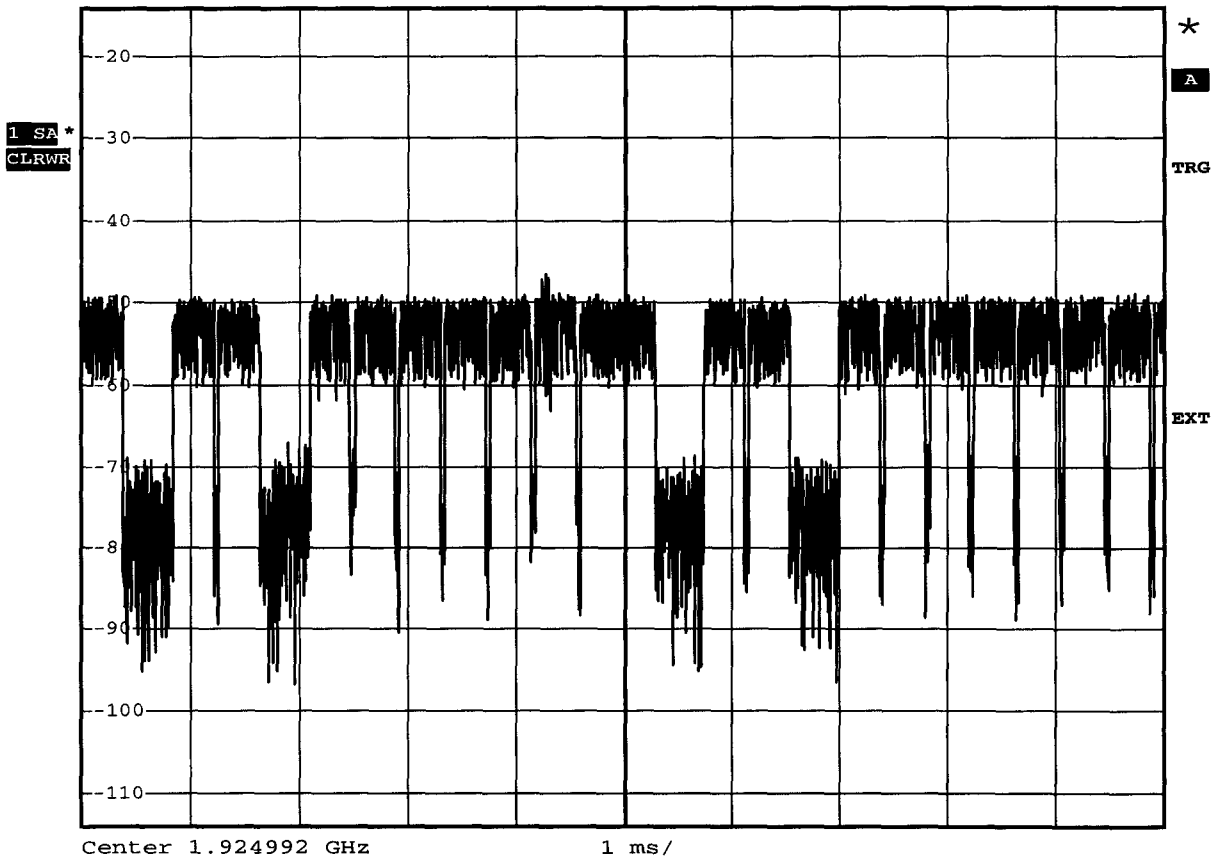
ANSI 8.2.3 Duplex connections

Rx slot: u.c.t +6dB, Tx slot: u.c.t +6dB,

EUT	US-DECT Repeater
Model	WRFP4 1G9
Applicant	KIRK UPCS (DECT based) Base station (RFP)
Temperature	23°C
Test Site / Operator	ETS
Test Specification	ANSI C63.17-1998 Revision Draft 1.1
Comment 1	No connection establisht in the interference free time slot.
Comment 2	The slot pair are not a duplex slot pair.
Comment 3	Verdict pass



Peak transmit power RBW 300 kHz Marker 1 [T1]
 *Att 20 dB *VBW 10 MHz -55.59 dBm
 Ref -14 dBm SWT 10 ms 37.25000 µs



Comment: Ansi C63.17-1998 6.1.2
 Date: 14.SEP.2005 11:04:20

Measurement diagram

Appendix S

Emissions inside and outside the sub-band

FCC Part 15.323(d.2) In-band unwanted emission

Testprocedure ANSI 63.17-1998 6.1.6.1
 UPCS

EUT	KIRK UPCS (DECT based) Repeater (WRFP)
Model	WRFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.1 In-band unwanted emission

1.418MHz



In-band unwanted emis

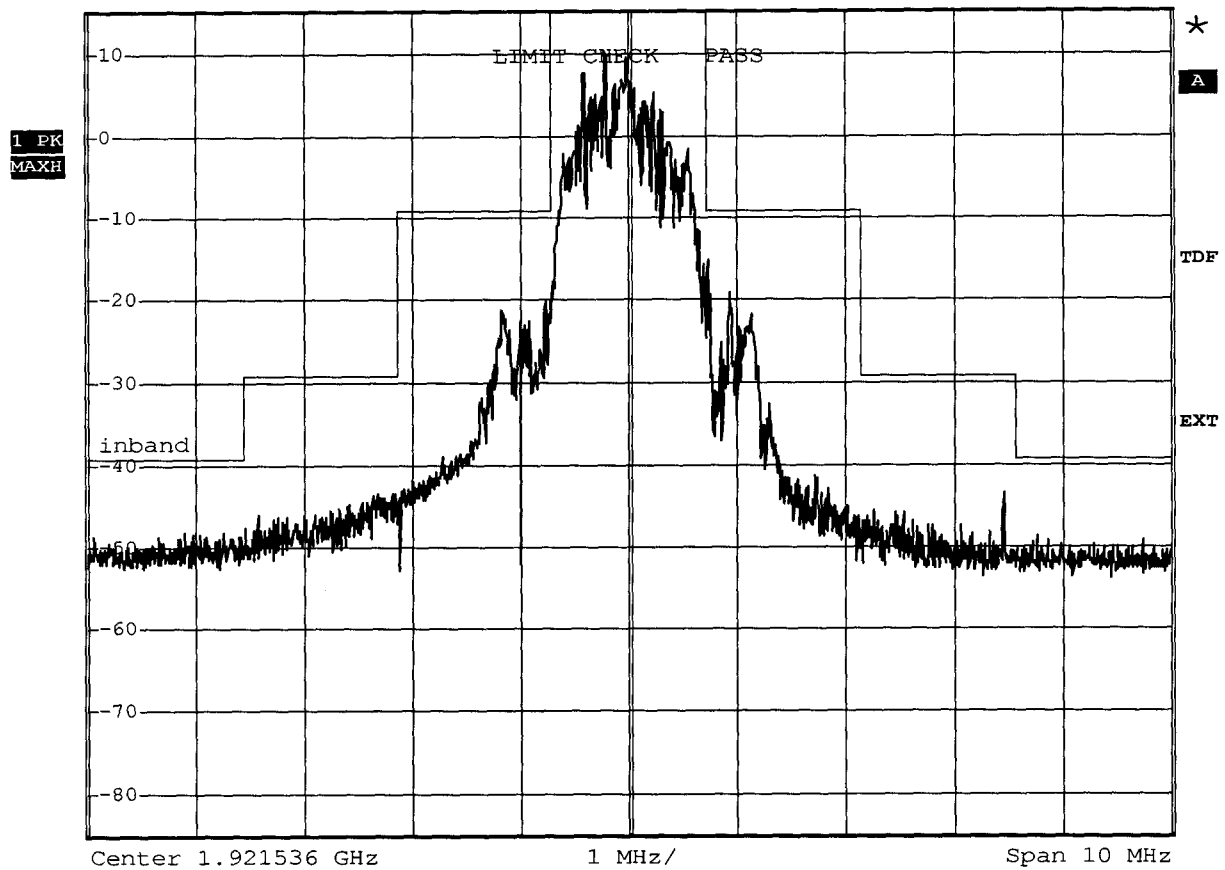
*RBW 10 kHz

*VBW 30 kHz

Ref 15 dBm

*Att 40 dB

*SWT 23 s



Comment: Ansi C63.17-1998 6.1.6.1
 Date: 4.SEP.2005 13:50:27

Measurement diagram

FCC Part 15.323(d.2) In-band unwanted emission

Testprocedure ANSI 63.17-1998 6.1.6.1
 UPCS

EUT	KIRK UPCS (DECT based) Repeater (WRFP)
Model	WRFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.1 In-band unwanted emission
	1.418MHz



In-band unwanted emis

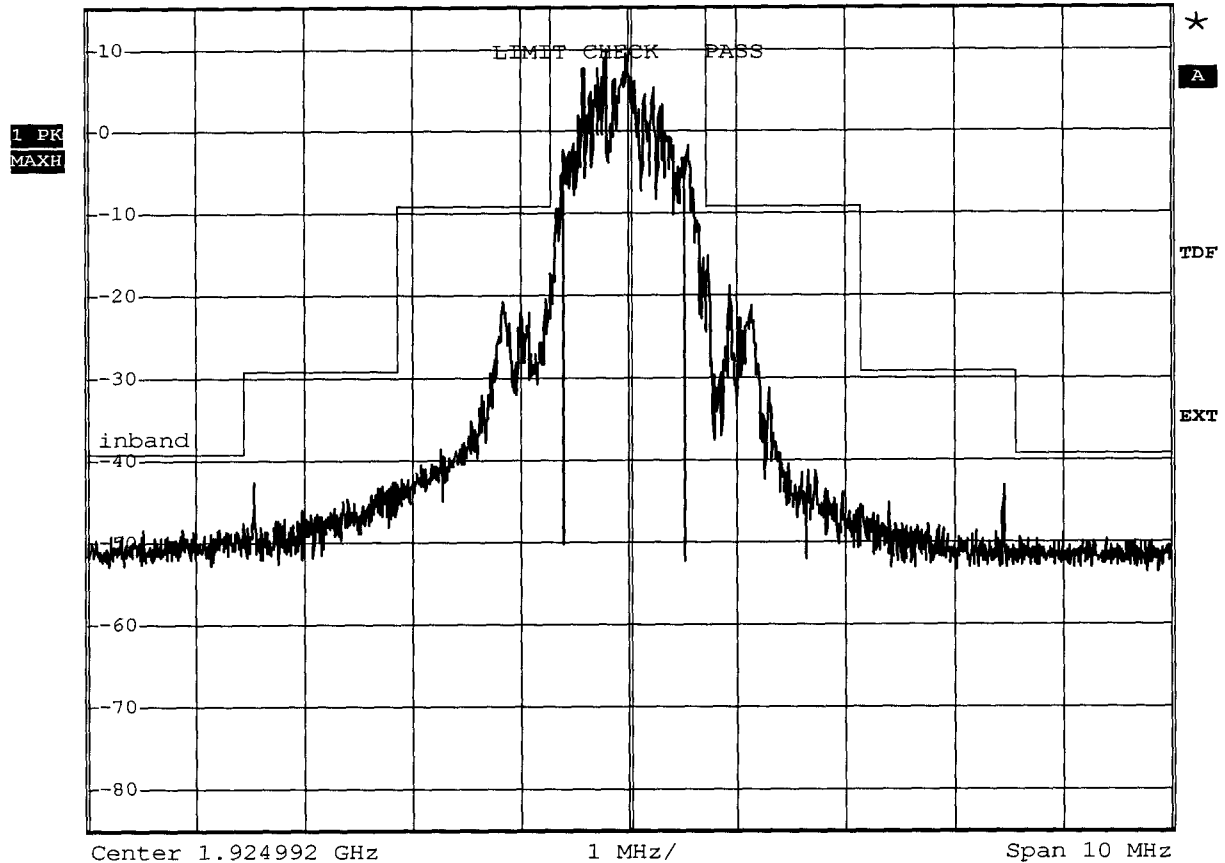
*RBW 10 kHz

*VBW 30 kHz

Ref 15 dBm

*Att 40 dB

*SWT 23 s



Comment: Ansi C63.17-1998 6.1.6.1
 Date: 4.SEP.2005 13:49:41

Measurement diagram

FCC Part 15.323(d.2) In-band unwanted emission

Testprocedure ANSI 63.17-1998 6.1.6.1
 UPCS

EUT	KIRK UPCS (DECT based) Repeater (WRFP)
Model	WRFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.1 In-band unwanted emission
	1.418MHz



In-band unwanted emis

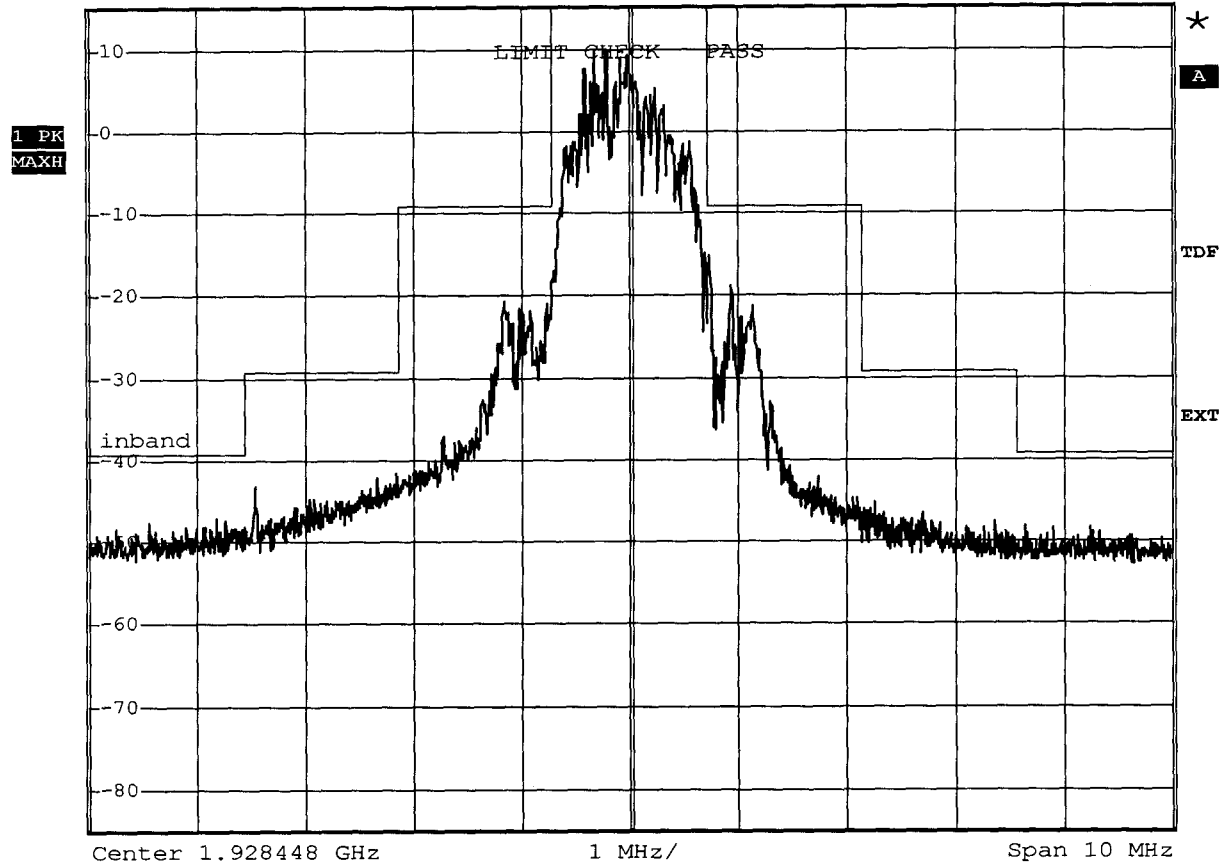
*RBW 10 kHz

*VBW 30 kHz

Ref 15 dBm

*Att 40 dB

*SWT 23 s



Comment: Ansi C63.17-1998 6.1.6.1
 Date: 4.SEP.2005 13:48:44

Measurement diagram

FCC Part 15.323(d.1) Out-of-band emission

Testprocedure ANSI 63.17-1998 6.1.6.2 UPCS

EUT	KIRK UPCS (DECT based) Repeater (WRFP)
Model	WRFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.2 Out-of-band emission

measurement on the lowest carrier
Carrier=1921.536MHz



Out-of-band emission

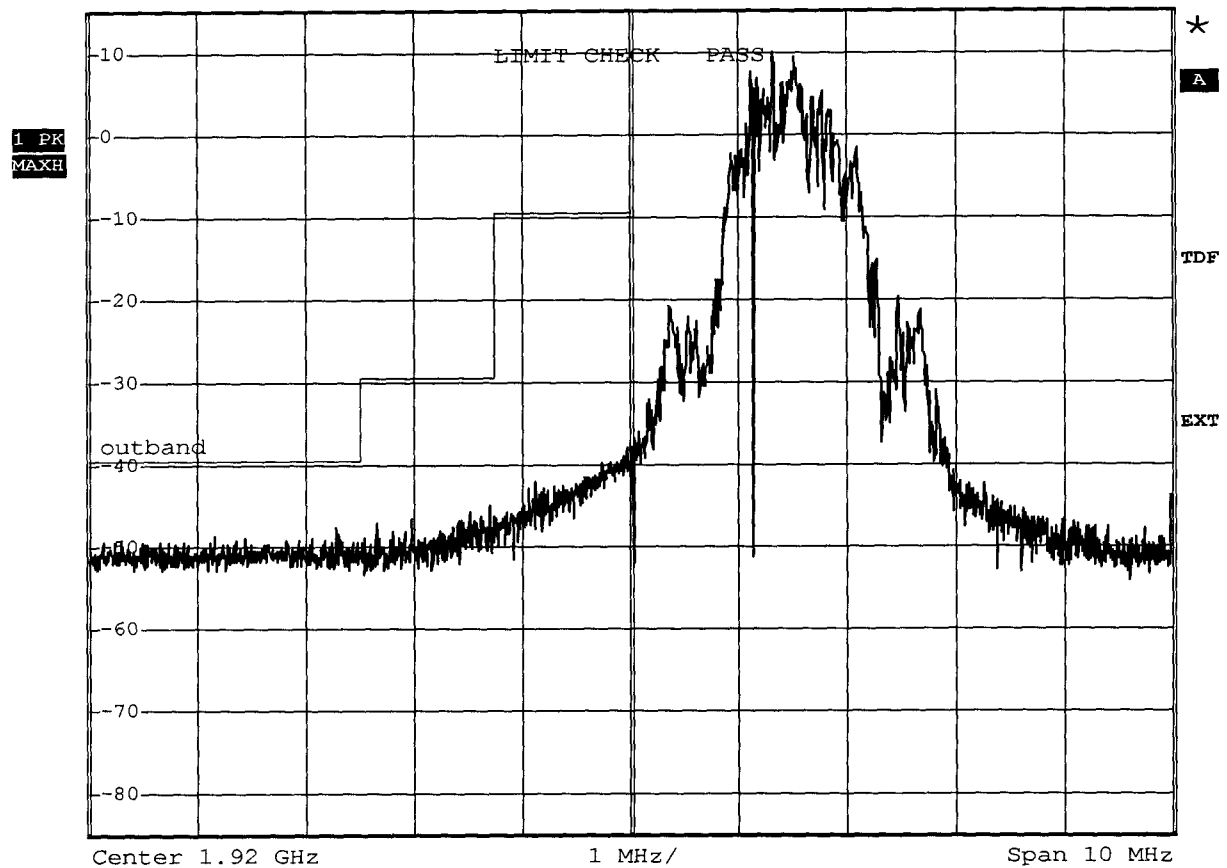
*RBW 10 kHz

*VBW 30 kHz

Ref 15 dBm

*Att 40 dB

*SWT 23 s



Comment: Ansi C63.17-1998 6.1.6.2
Date: 4.SEP.2005 13:52:58

Measurement diagram

FCC Part 15.323(d.1) Out-of-band emission

Testprocedure ANSI 63.17-1998 6.1.6.2
 UPCS

EUT	KIRK UPCS (DECT based) Repeater (WRFP)
Model	WRFP4 1G9
Applicant	Kirk telecom A/S
Temperature	23°C
Test Site / Operator	ETS Reichenwalde
Test Specification	6.1.6.2 Out-of-band emission

measurement on the highest carrier
 Carrier=1928.448MHz



Out-of-band emission

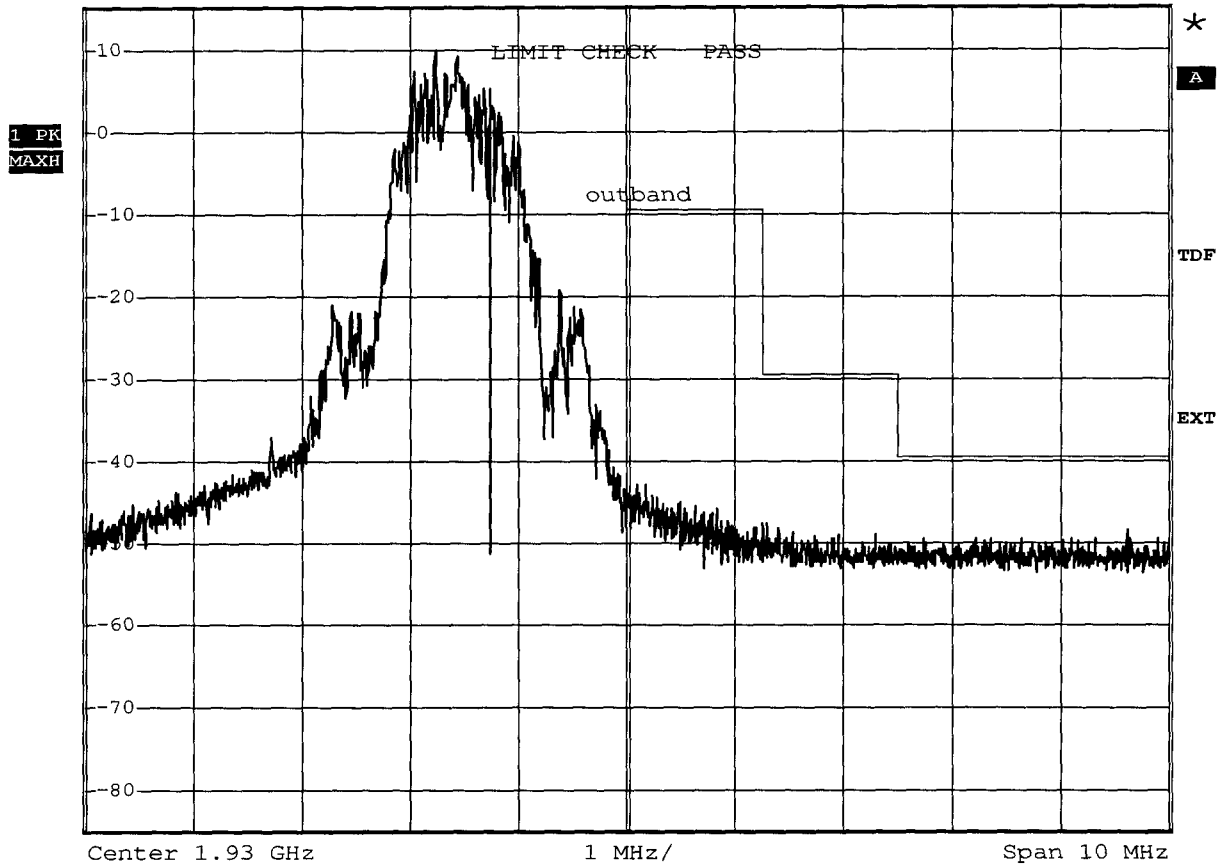
* RBW 10 kHz

* VBW 30 kHz

Ref 15 dBm

* Att 40 dB

* SWT 23 s

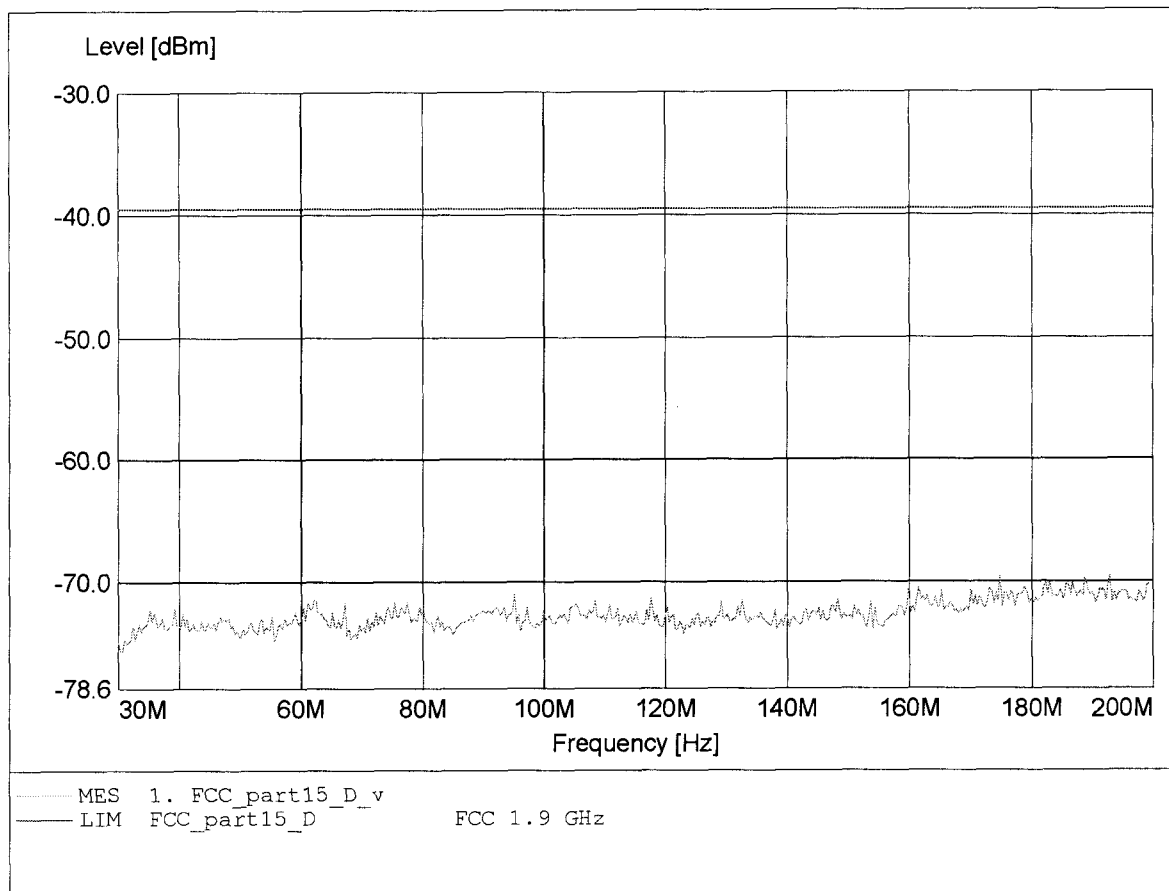


Comment: Ansi C63.17-1998 6.1.6.2
 Date: 4.SEP.2005 13:53:46

Measurement diagram

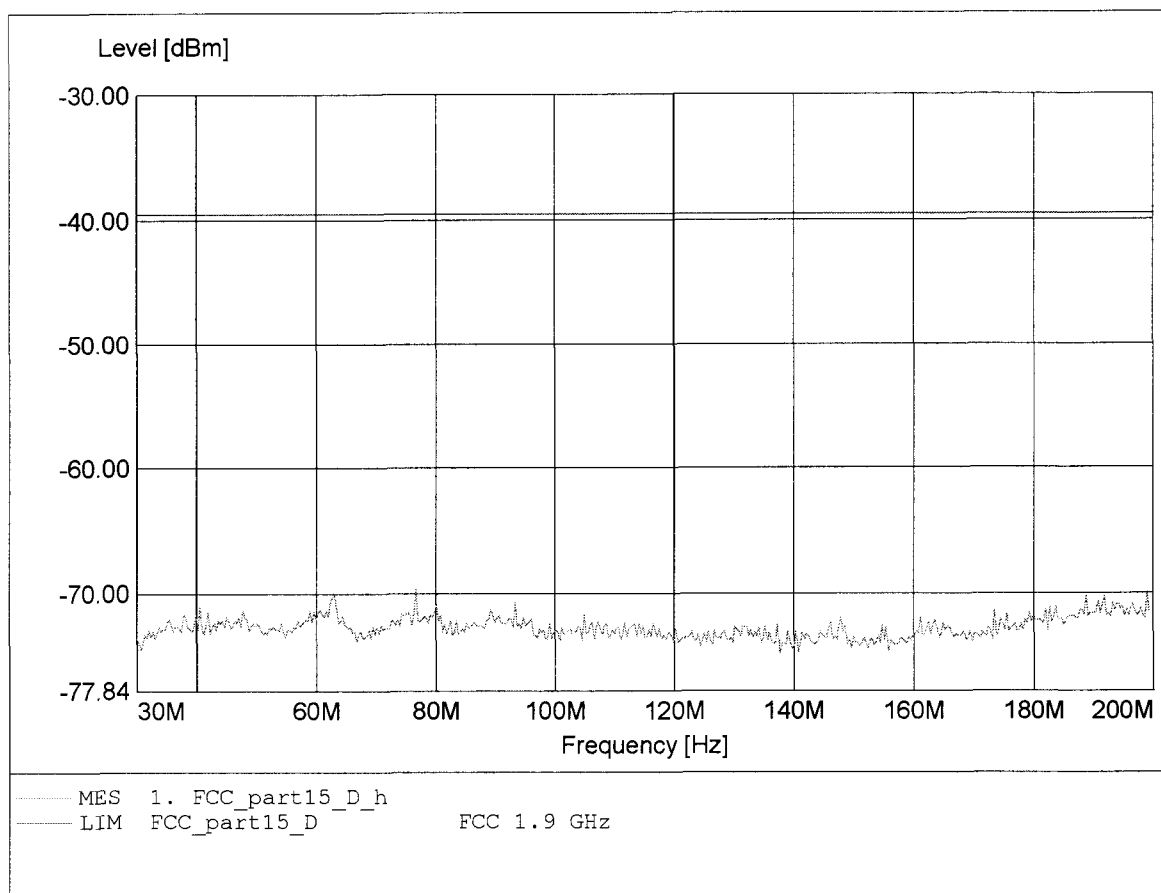
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:192.846MHz Pmax:-69.48dBm RBW: 100 kHz



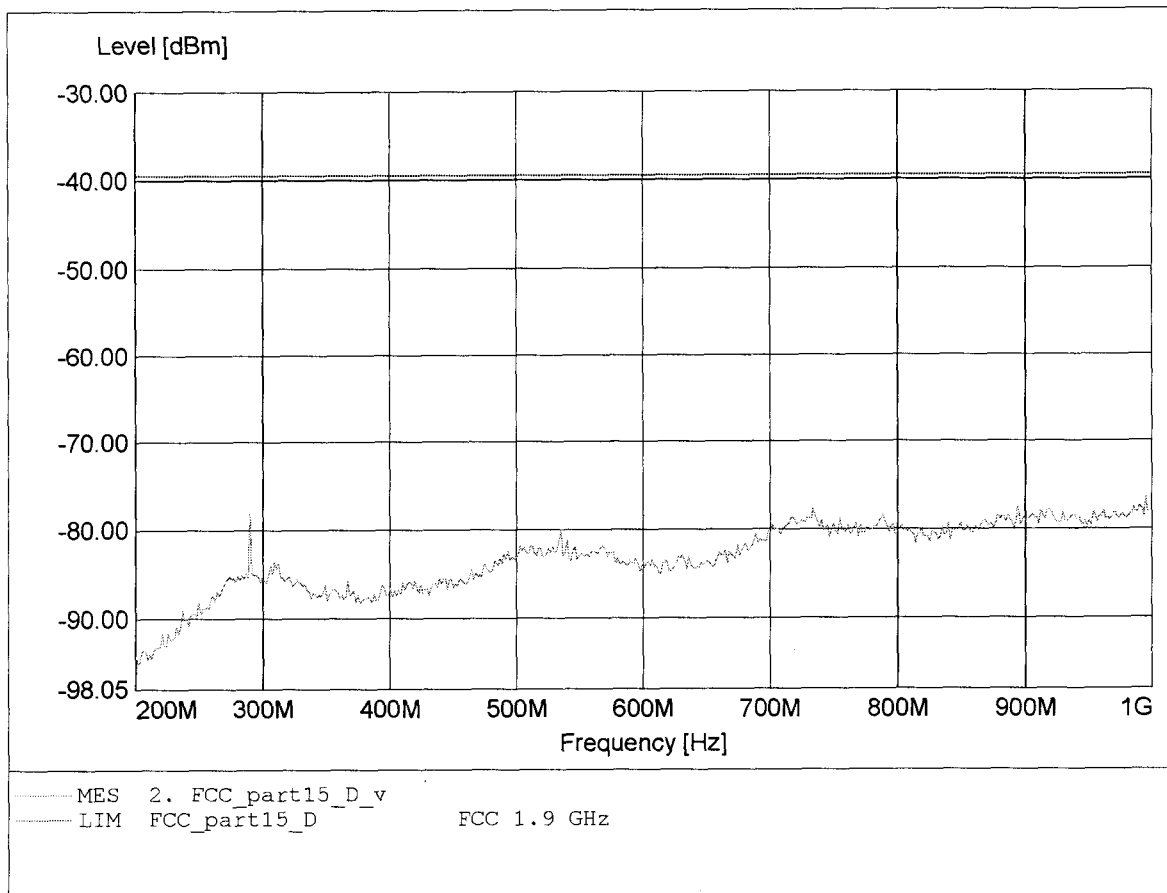
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:76.673MHz Pmax:-69.60dBm RBW: 100 kHz



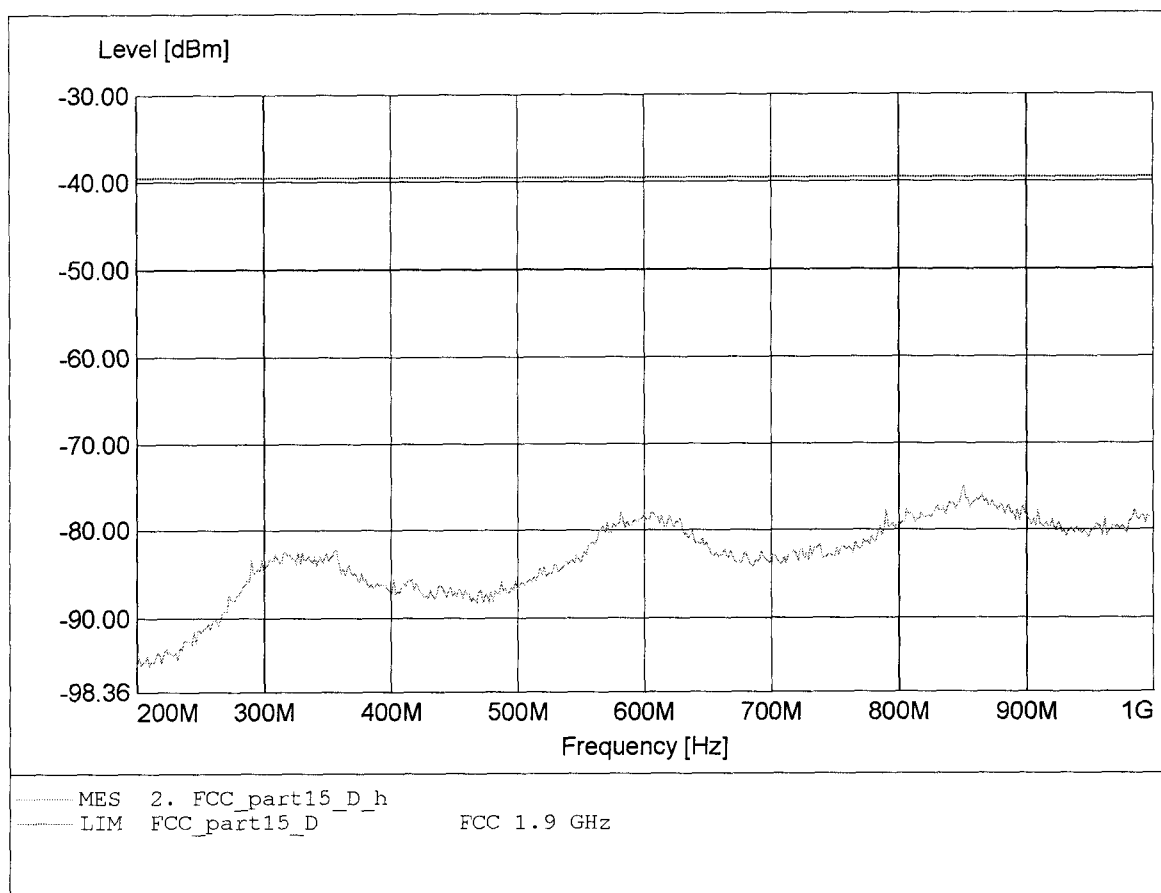
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:995.190MHz Pmax:-76.45dBm RBW: 100 kHz



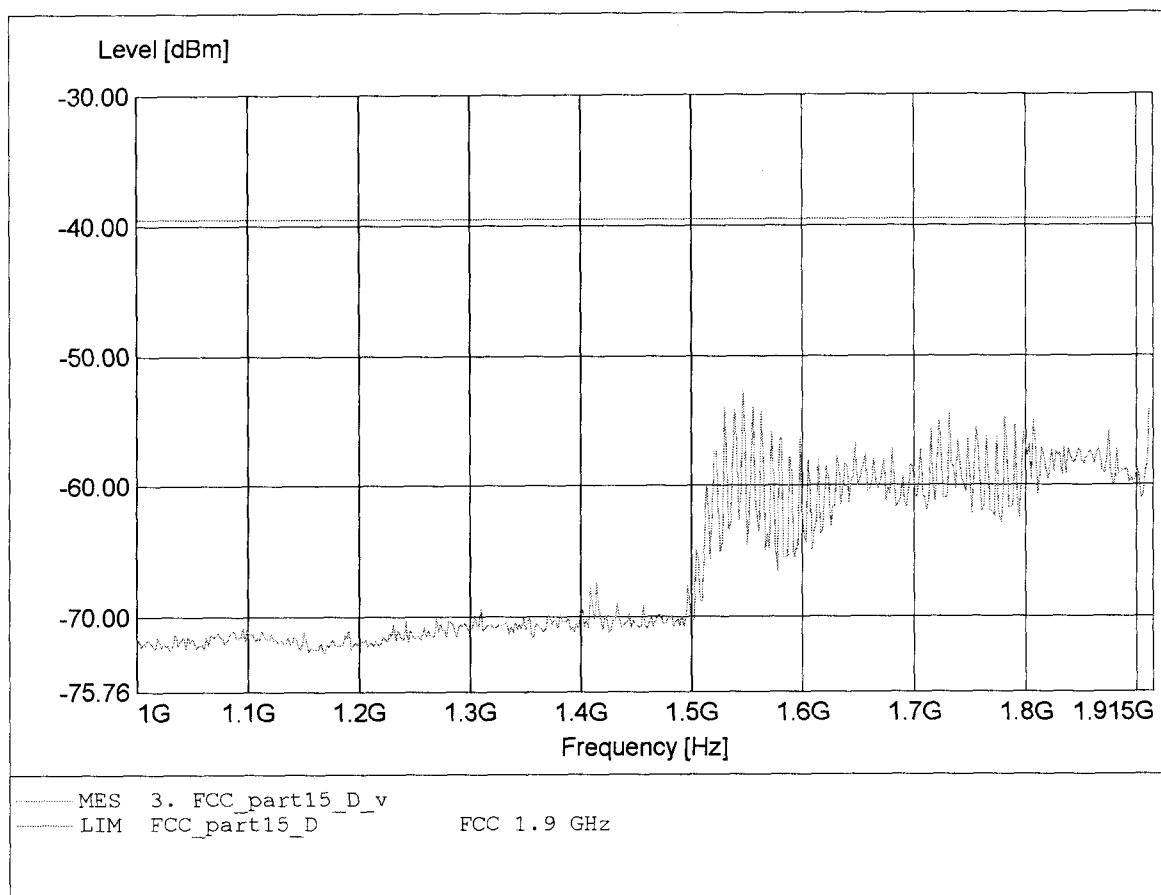
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:850.902MHz Pmax:-74.95dBm RBW: 100 kHz



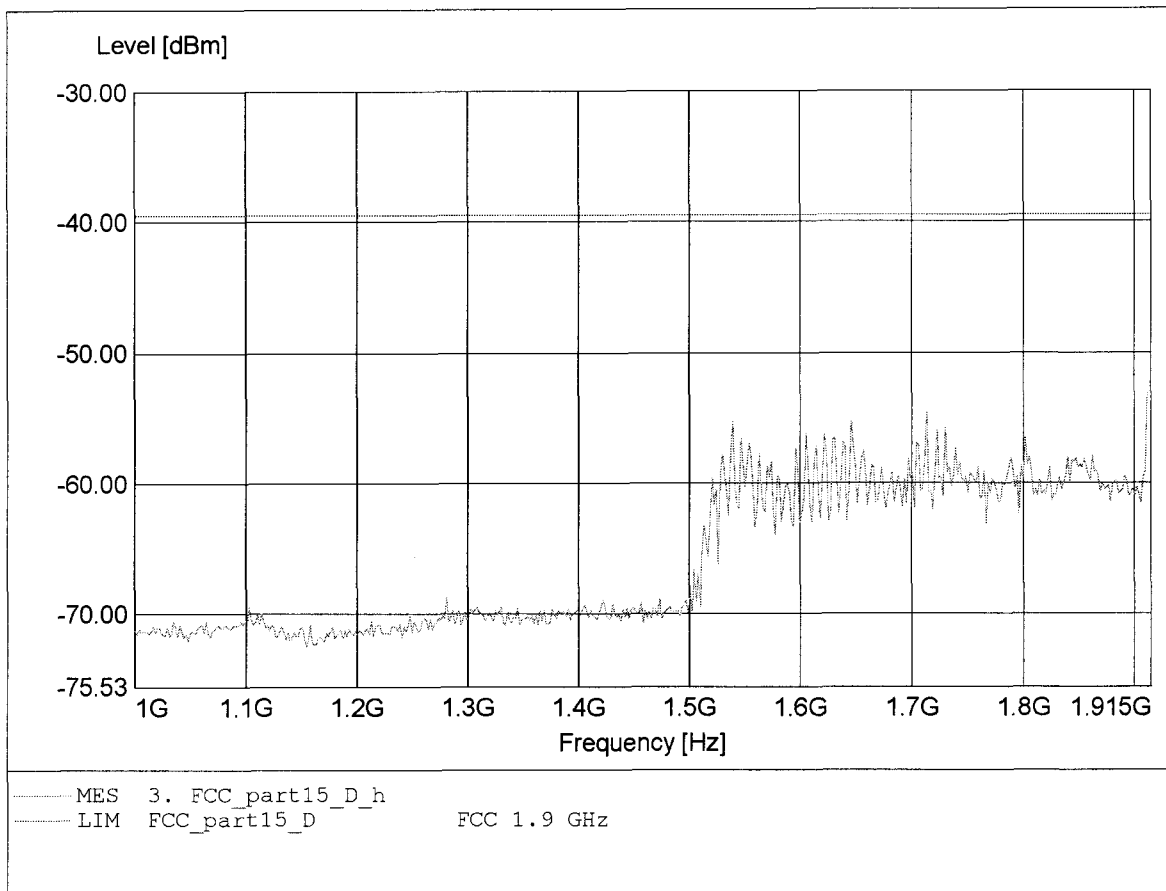
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.546GHz Pmax:-52.80dBm RBW: 1 MHz



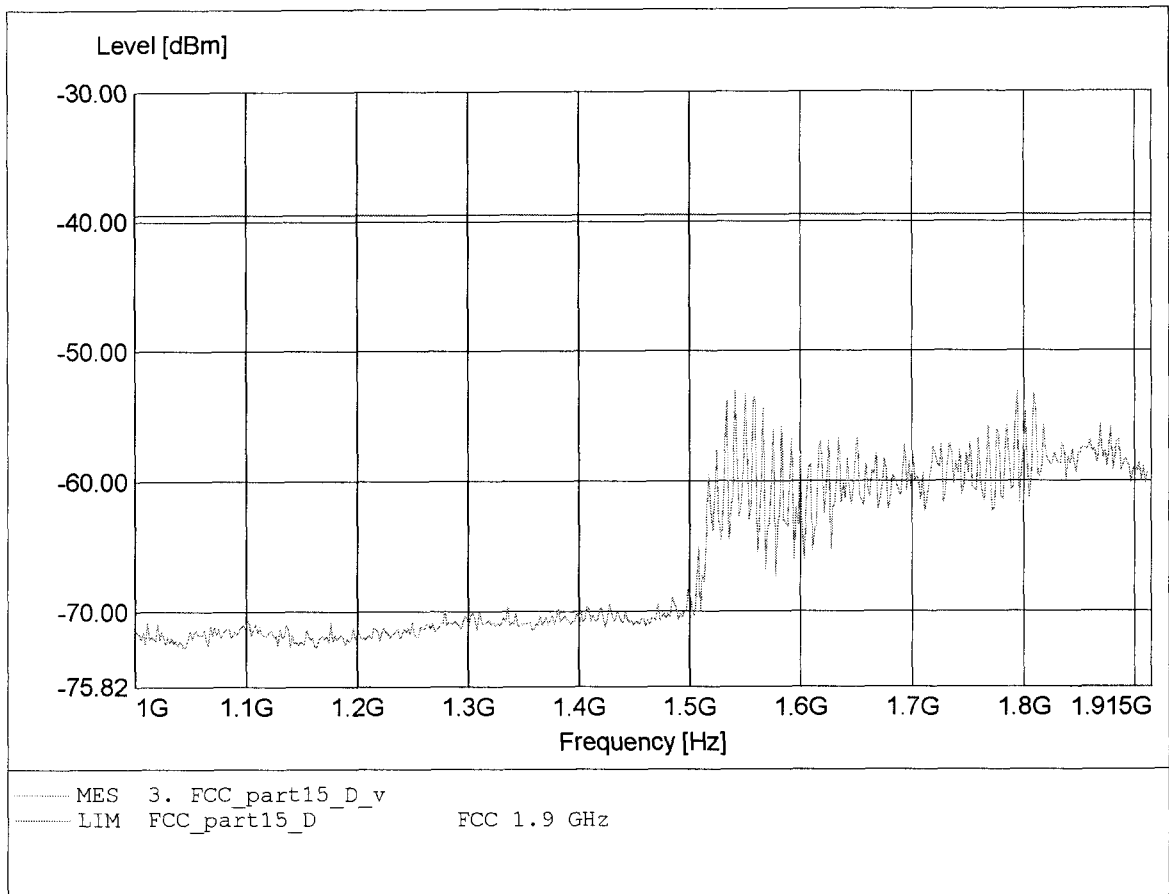
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.911GHz Pmax:-52.95dBm RBW: 1 MHz



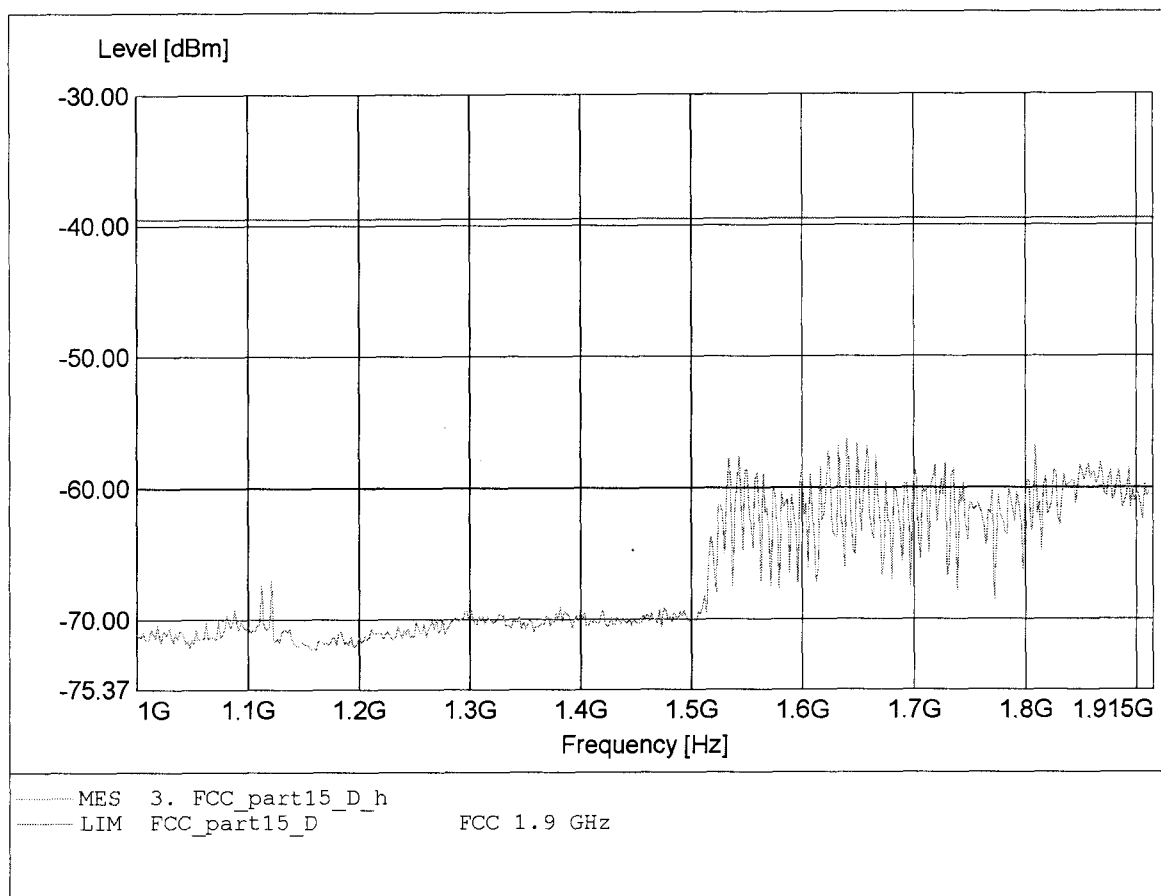
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.541GHz Pmax:-53.00dBm RBW: 1 MHz



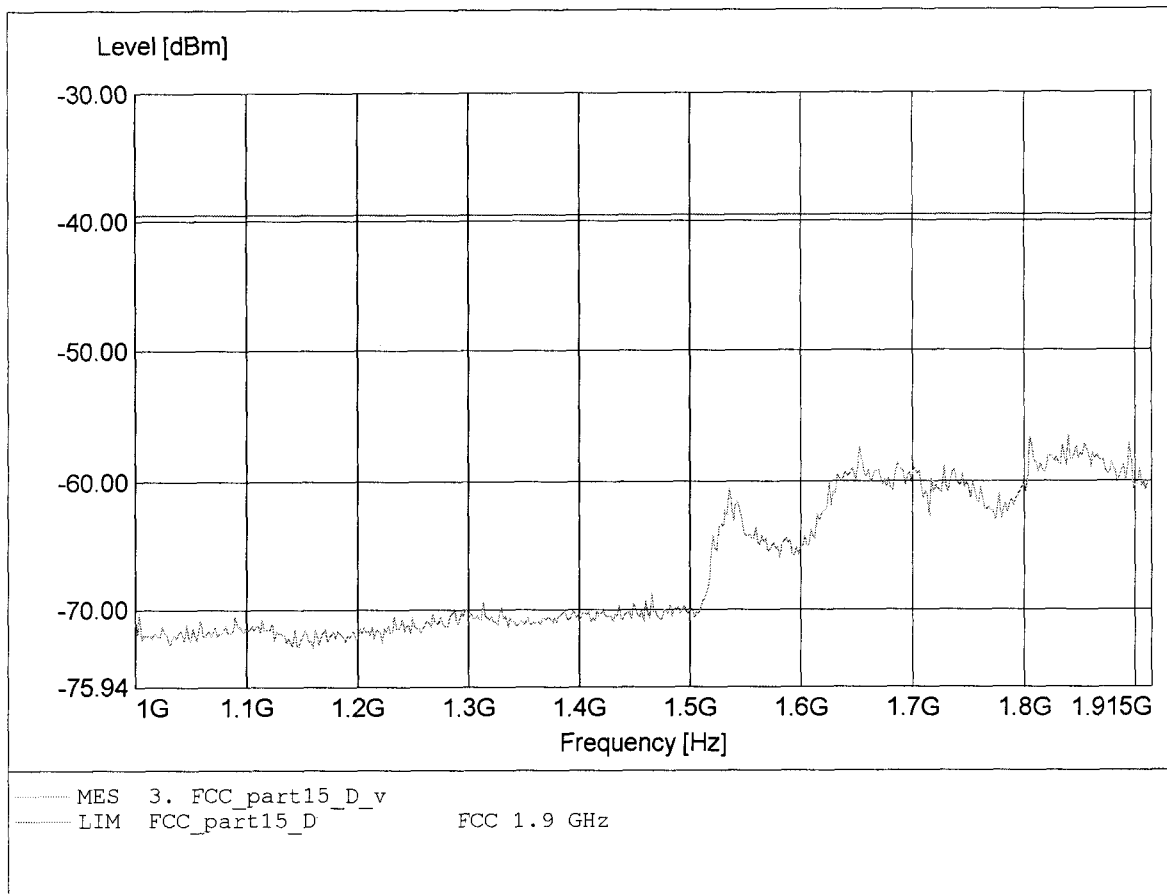
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.640GHz Pmax:-56.29dBm RBW: 1 MHz



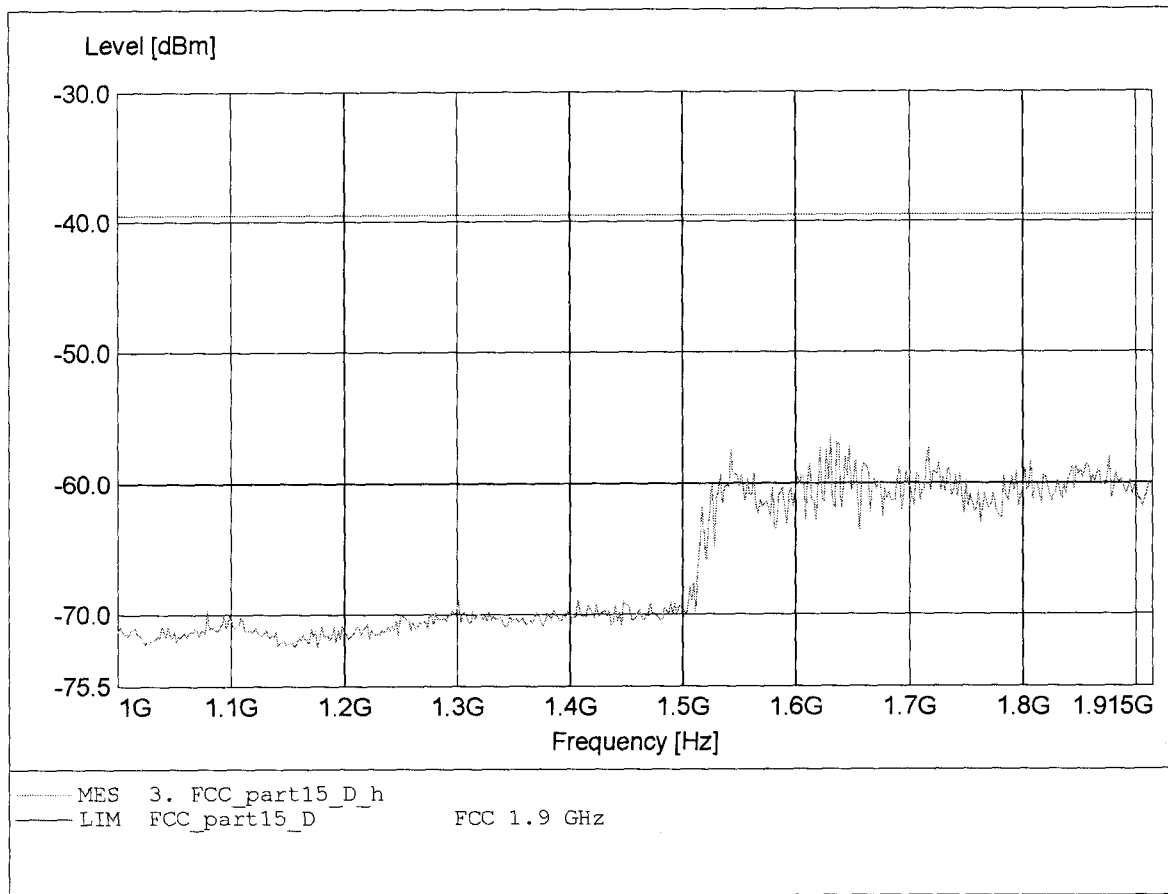
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 2
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.840GHz Pmax:-56.44dBm RBW: 1 MHz



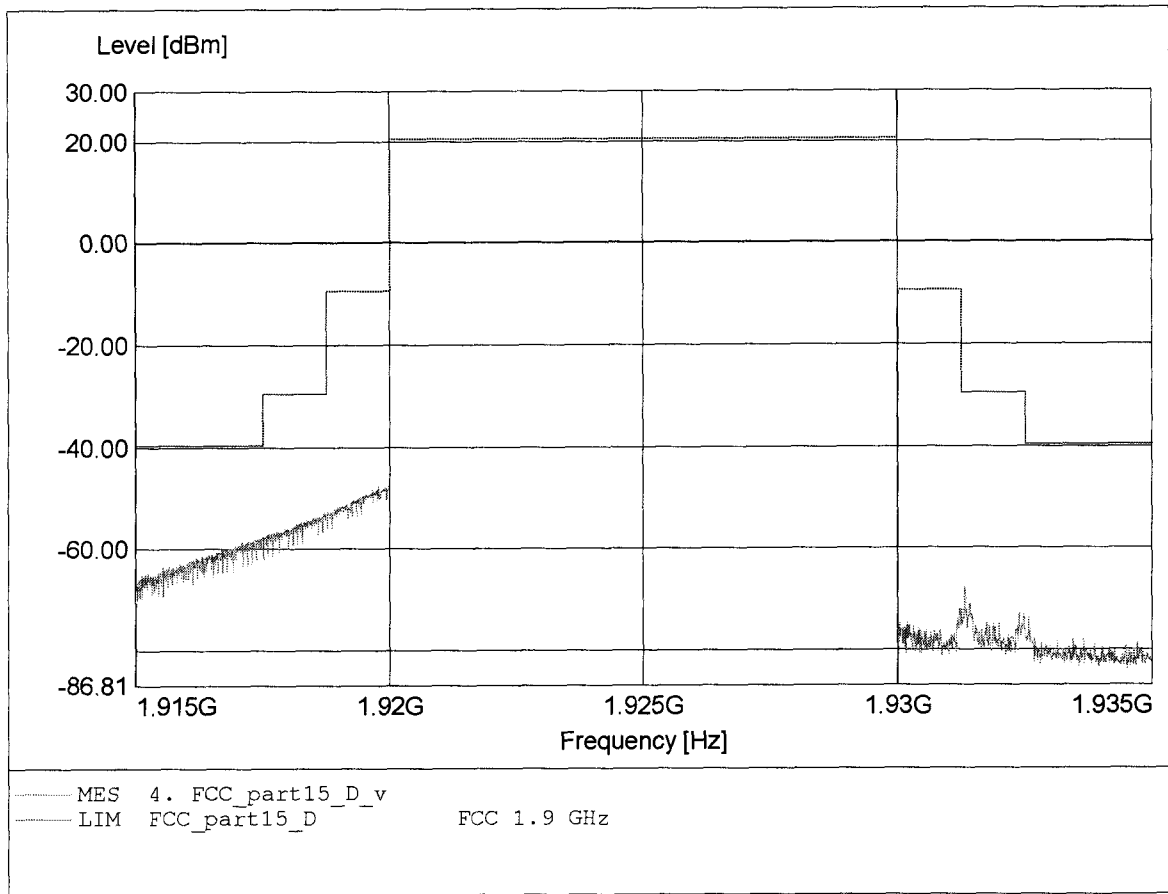
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 2
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.631GHz Pmax:-56.40dBm RBW: 1 MHz



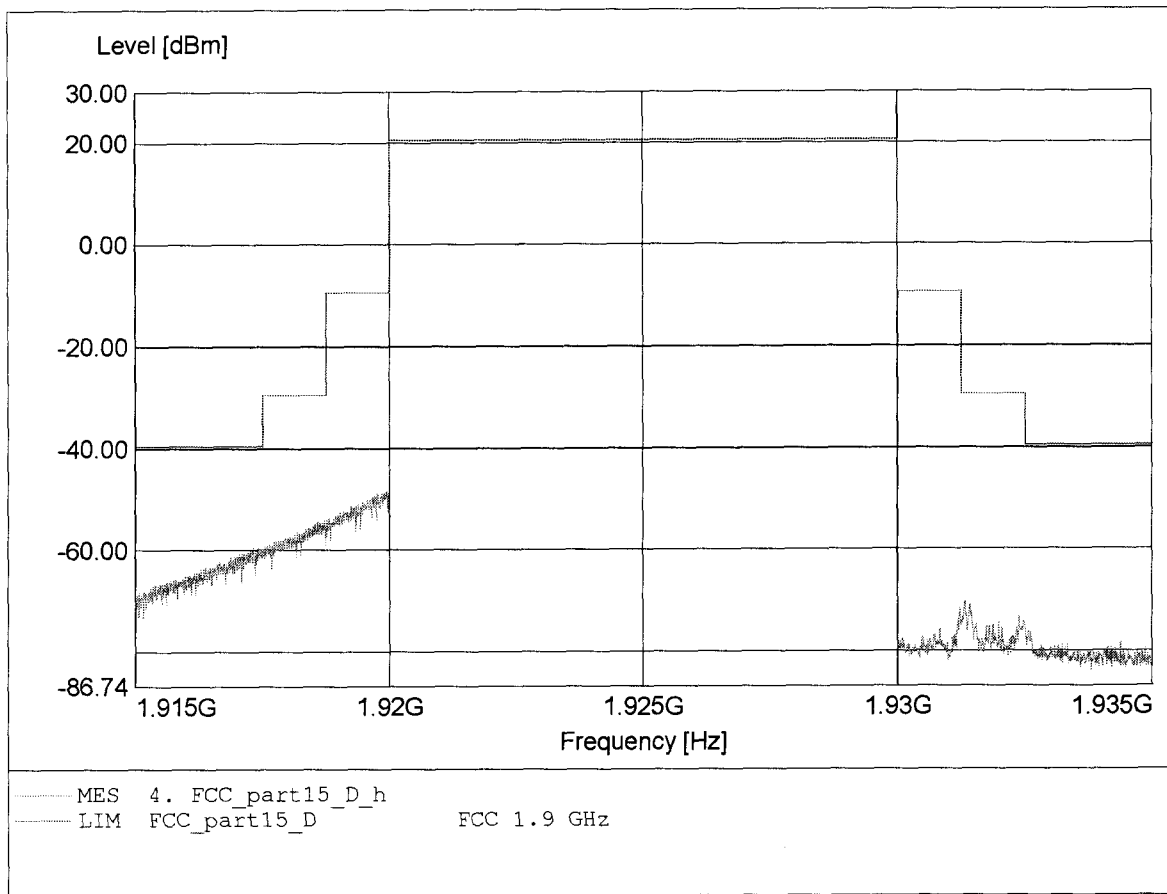
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-47.57dBm RBW:10 kHz



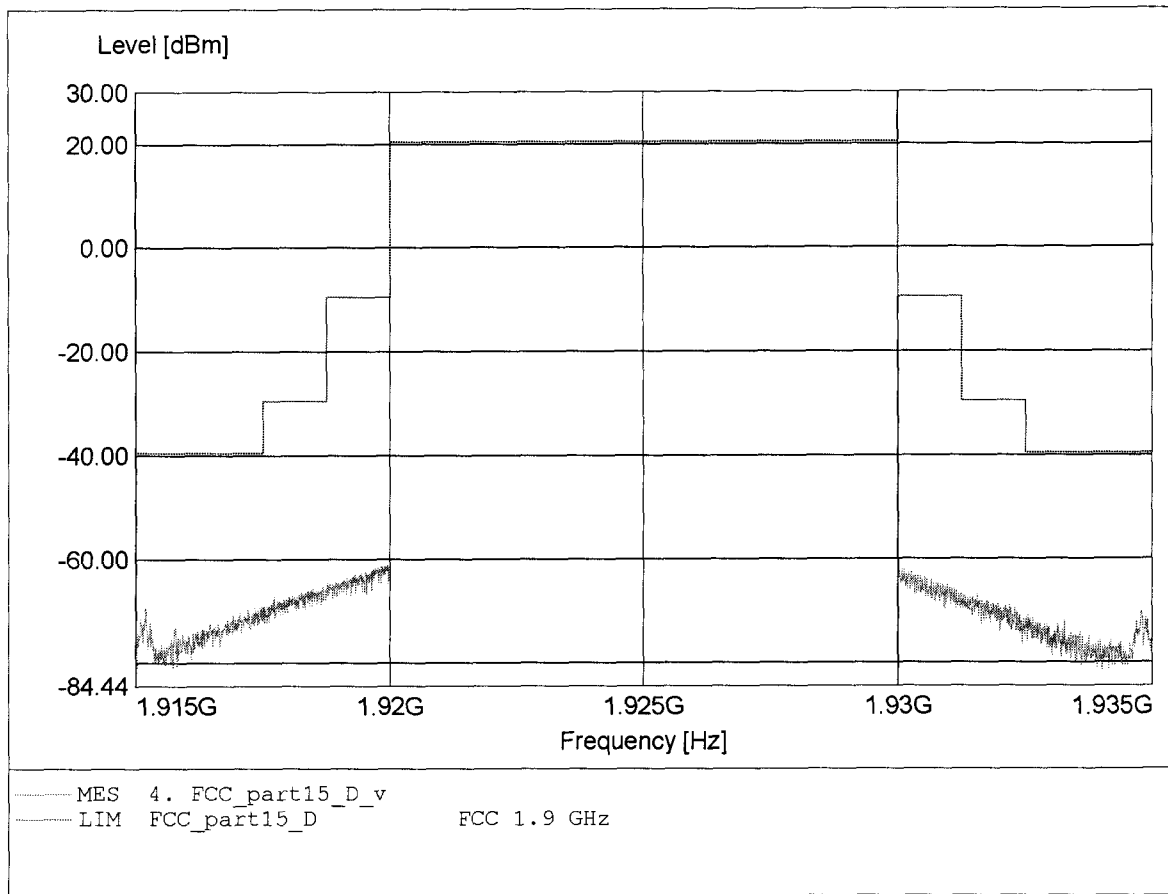
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.920GHz Pmax:-48.51dBm RBW:10 kHz



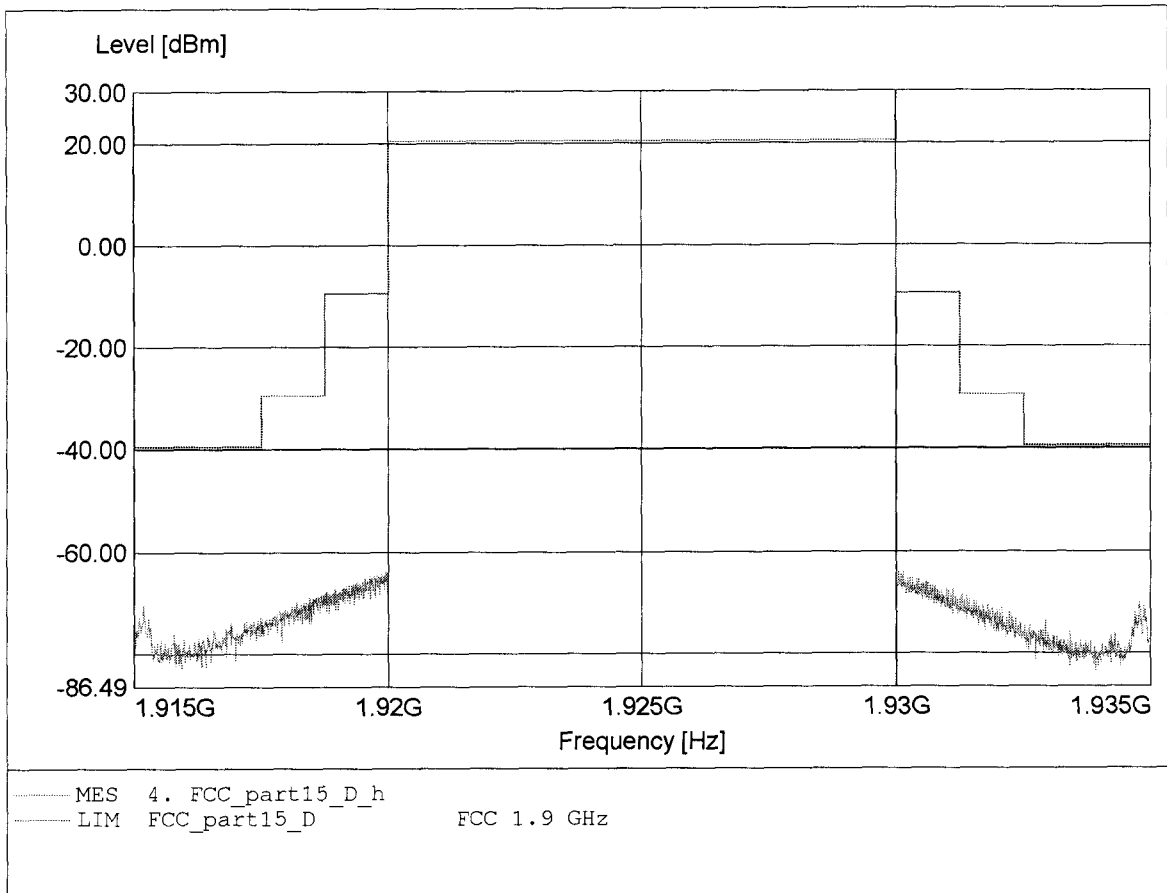
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
 EUT: 1.9 GHz Communication System
 Model: WRFP4 1G9 / Antenna: 1 / Ch.: 2
 Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
 Test Site / Operator: ETS / Mr. Marquardt
 Test Specification: Fully anechoic chamber / mode: Tx
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:1.920GHz Pmax:-61.02dBm RBW:10 kHz



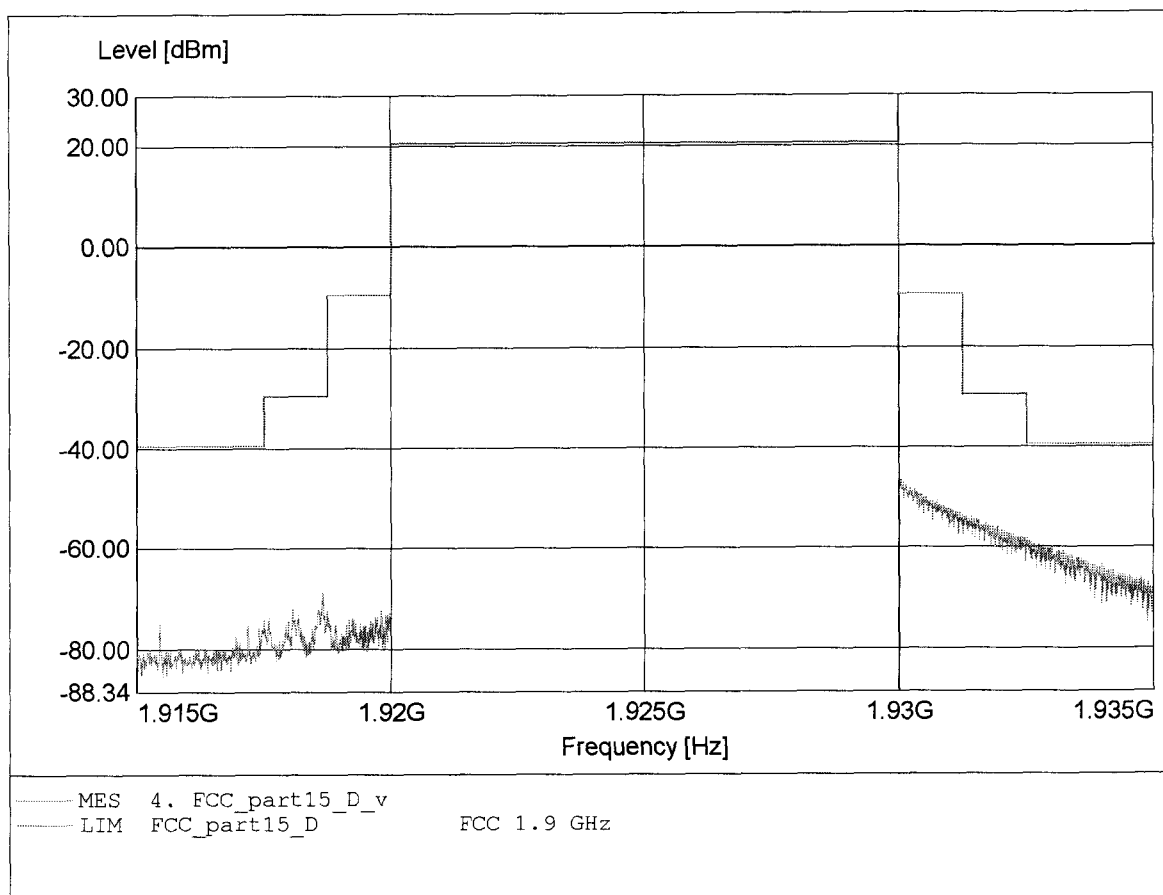
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 2
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.930GHz Pmax:-63.75dBm RBW:10 kHz



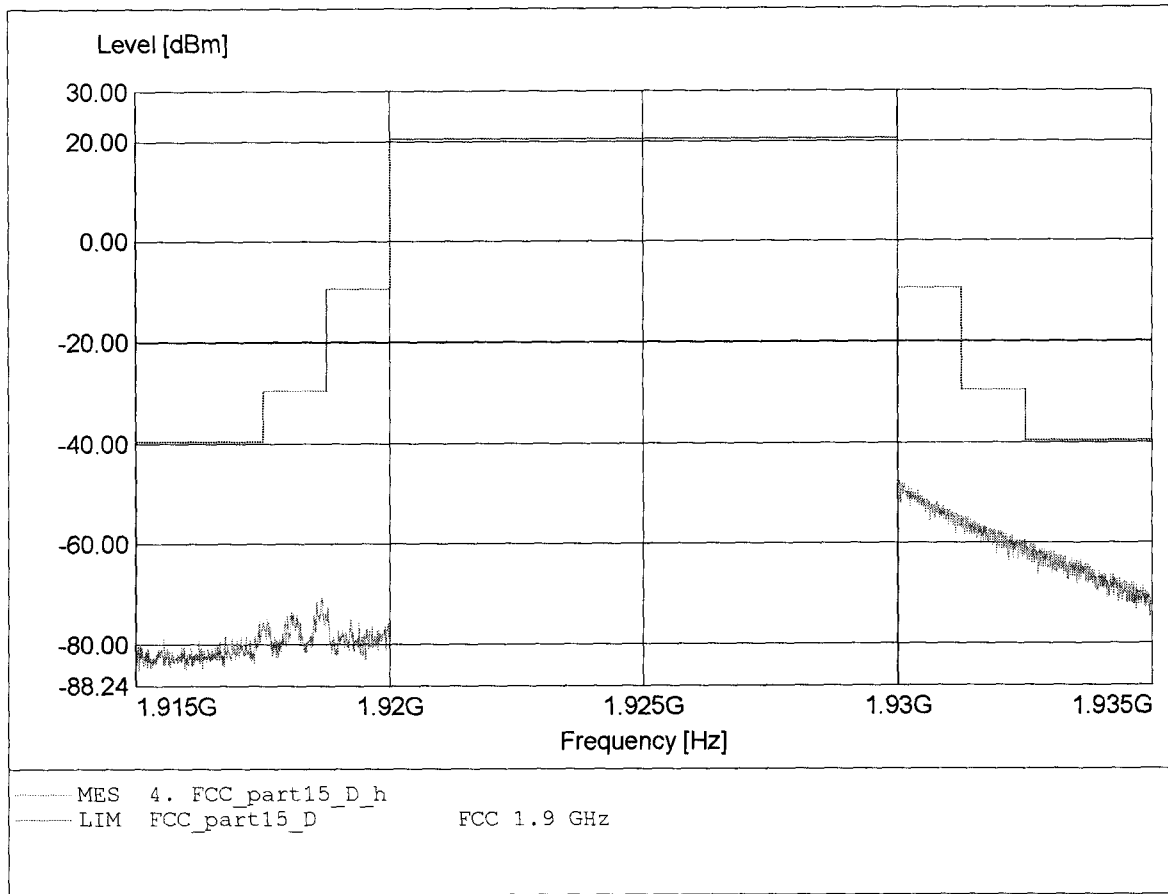
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
 EUT: 1.9 GHz Communication System
 Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0
 Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
 Test Site / Operator: ETS / Mr. Marquardt
 Test Specification: Fully anechoic chamber / mode: Tx
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:1.930GHz Pmax:-46.69dBm RBW:10 kHz



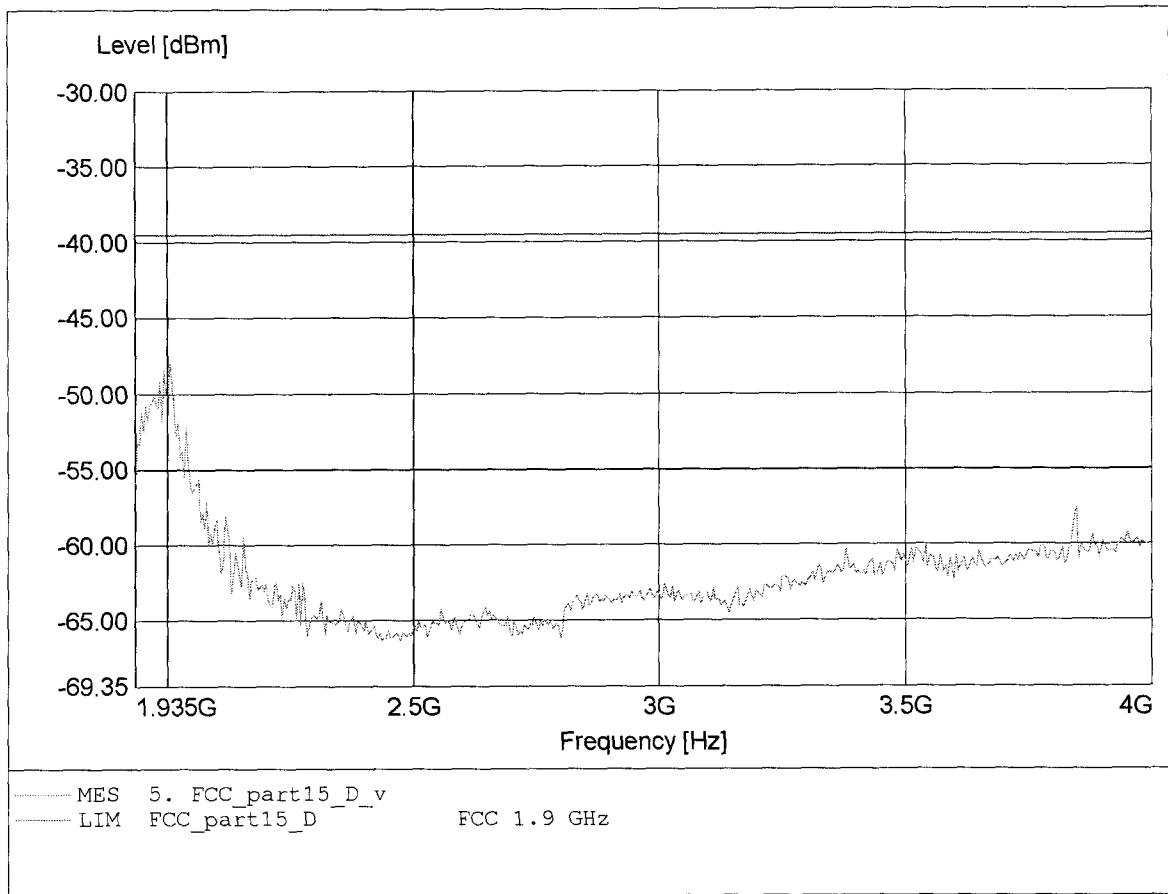
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.930GHz Pmax:-47.34dBm RBW:10 kHz



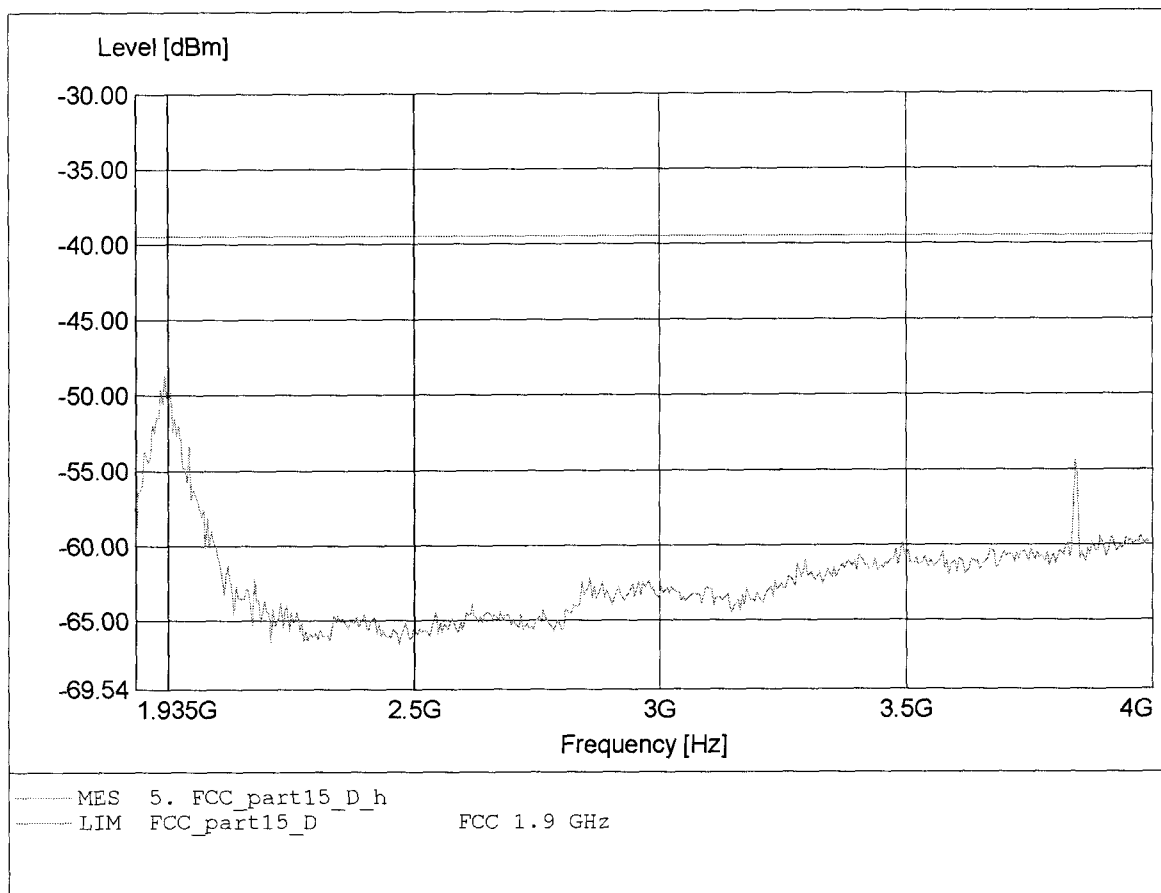
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq: 2.005GHz Pmax: -47.95dBm RBW: 1 MHz



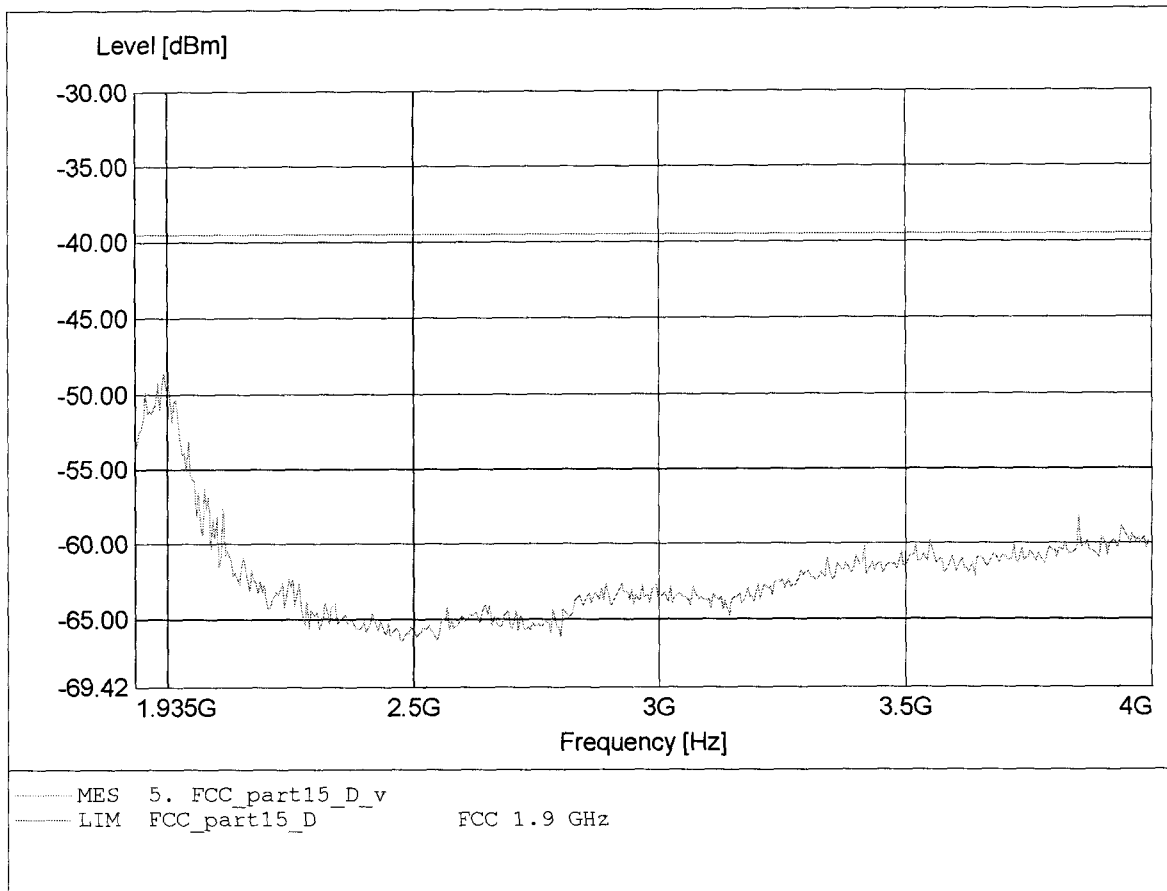
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.993GHz Pmax:-48.59dBm RBW: 1 MHz



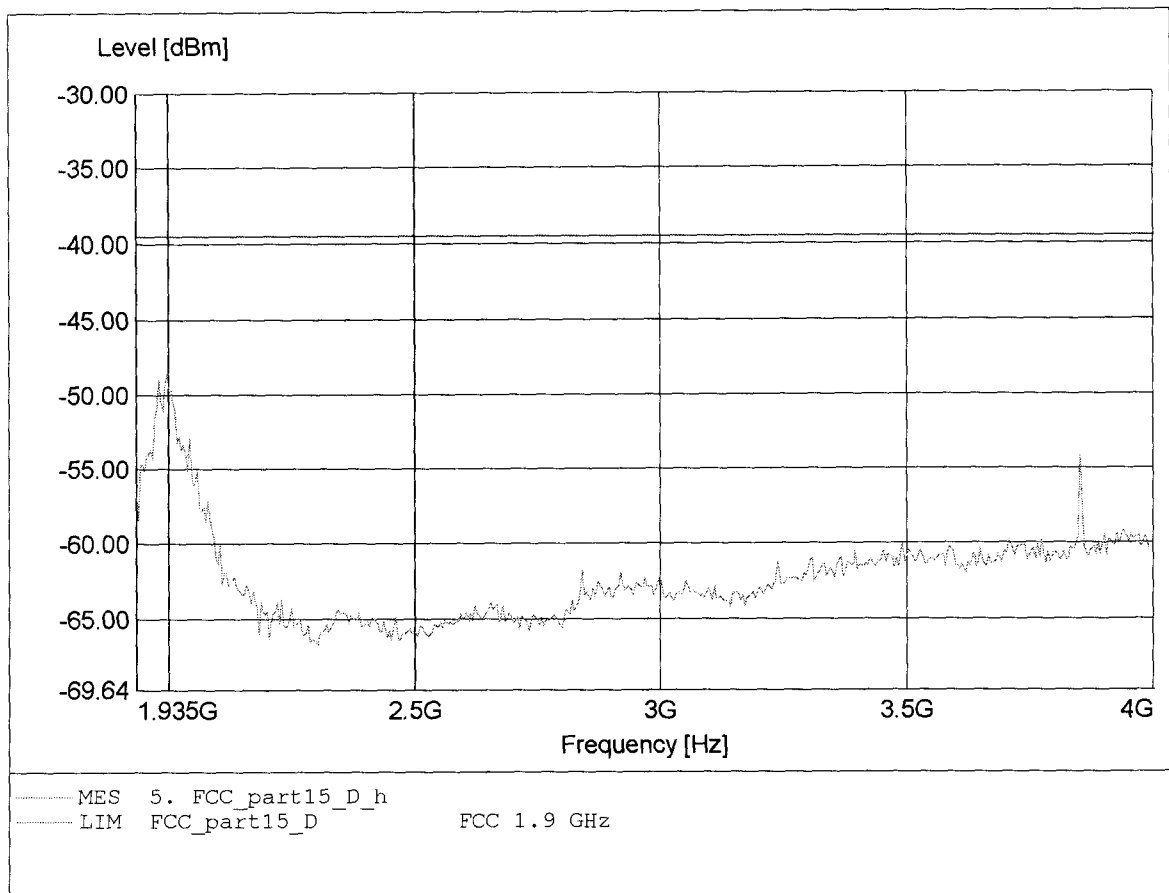
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 2
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.993GHz Pmax:-48.55dBm RBW: 1 MHz



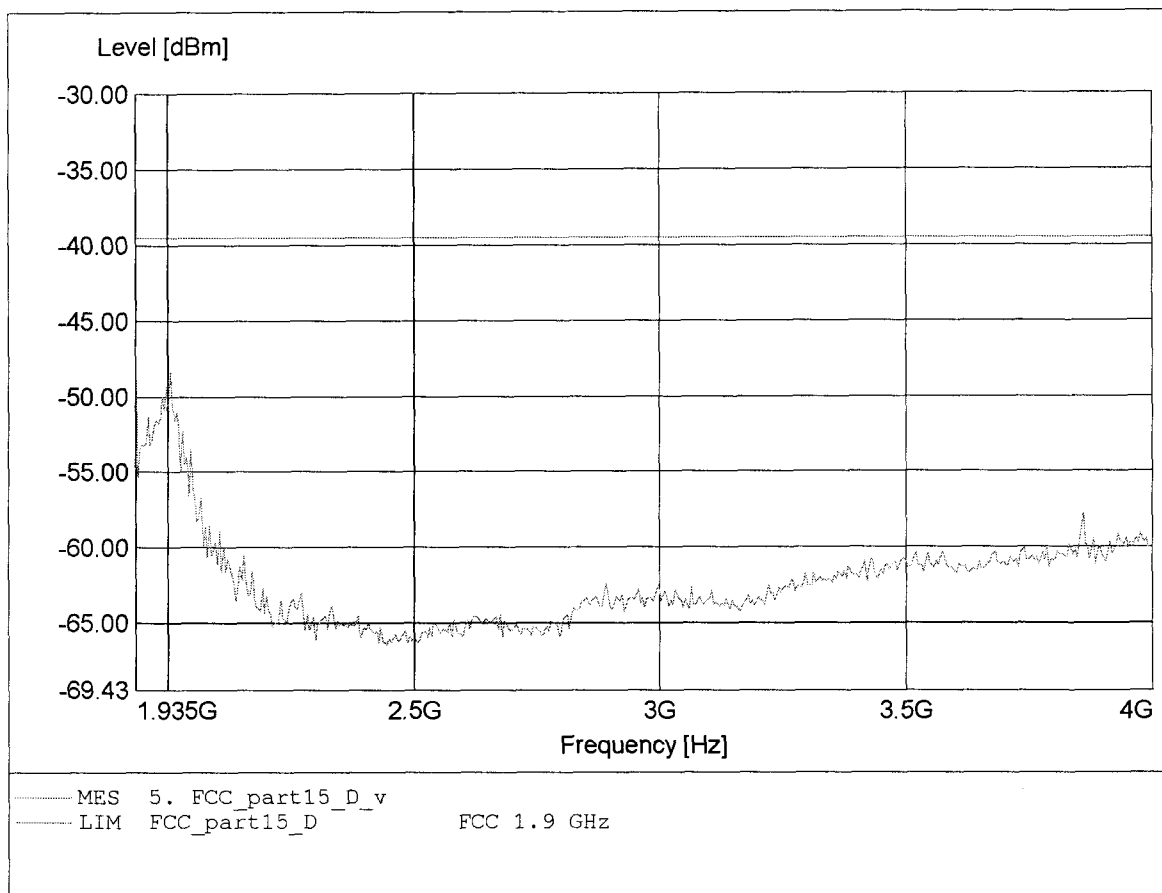
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 2
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.997GHz Pmax:-48.63dBm RBW: 1 MHz



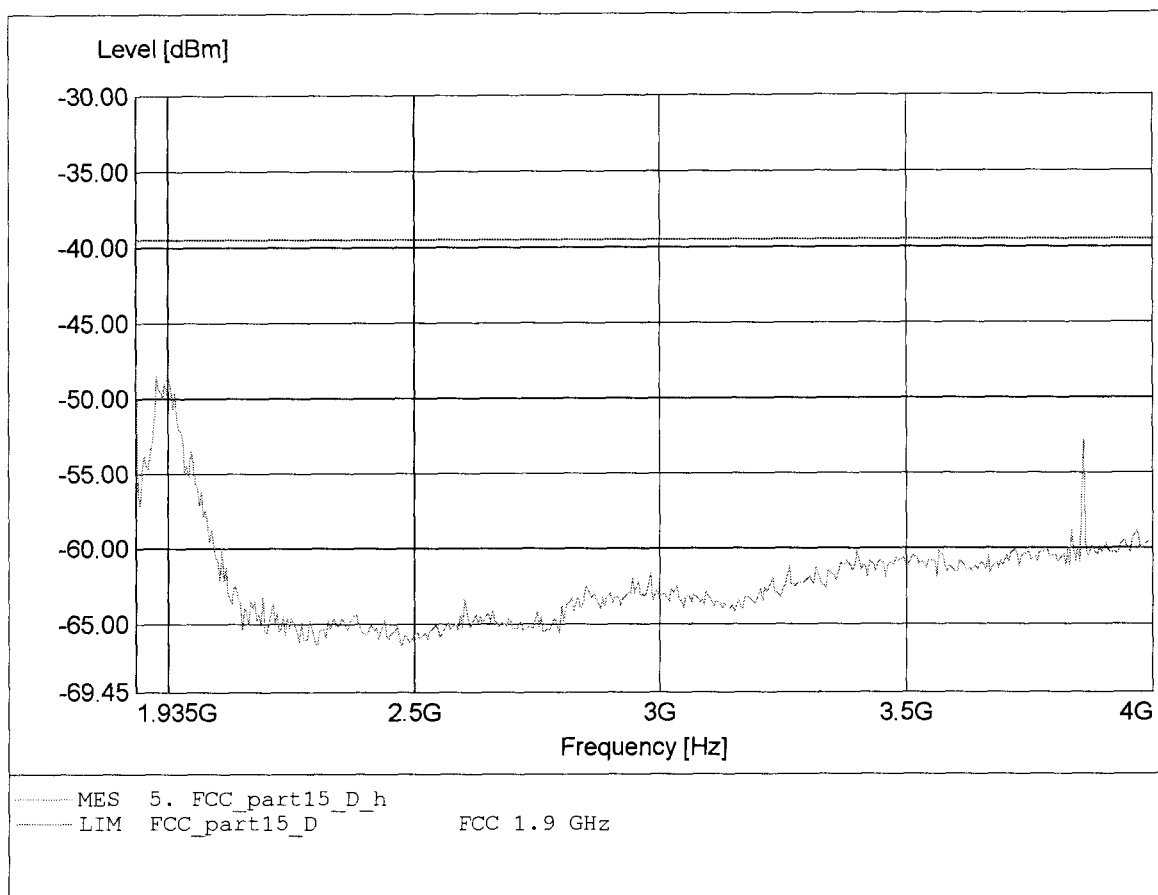
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.935GHz Pmax:-46.64dBm RBW: 1 MHz



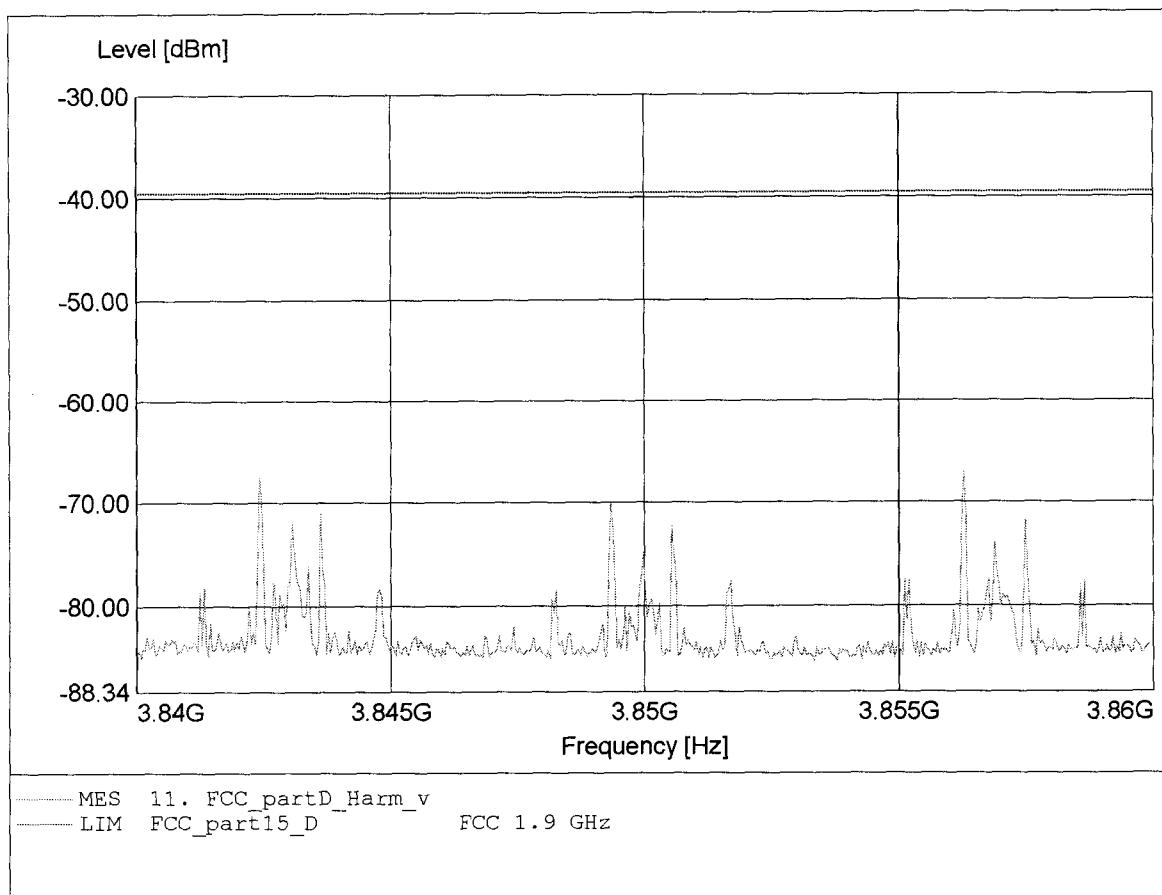
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.935GHz Pmax:-47.86dBm RBW: 1 MHz



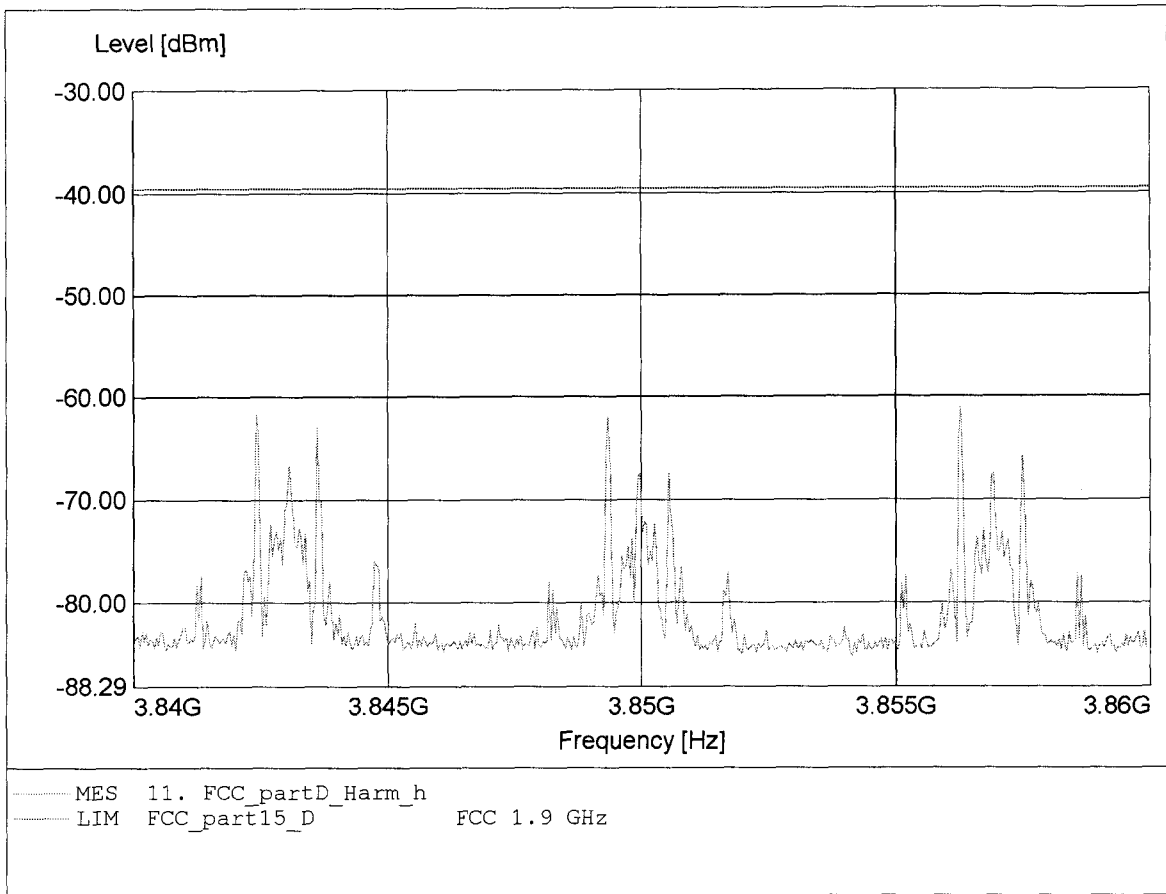
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.856GHz Pmax:-67.09dBm RBW:10 kHz



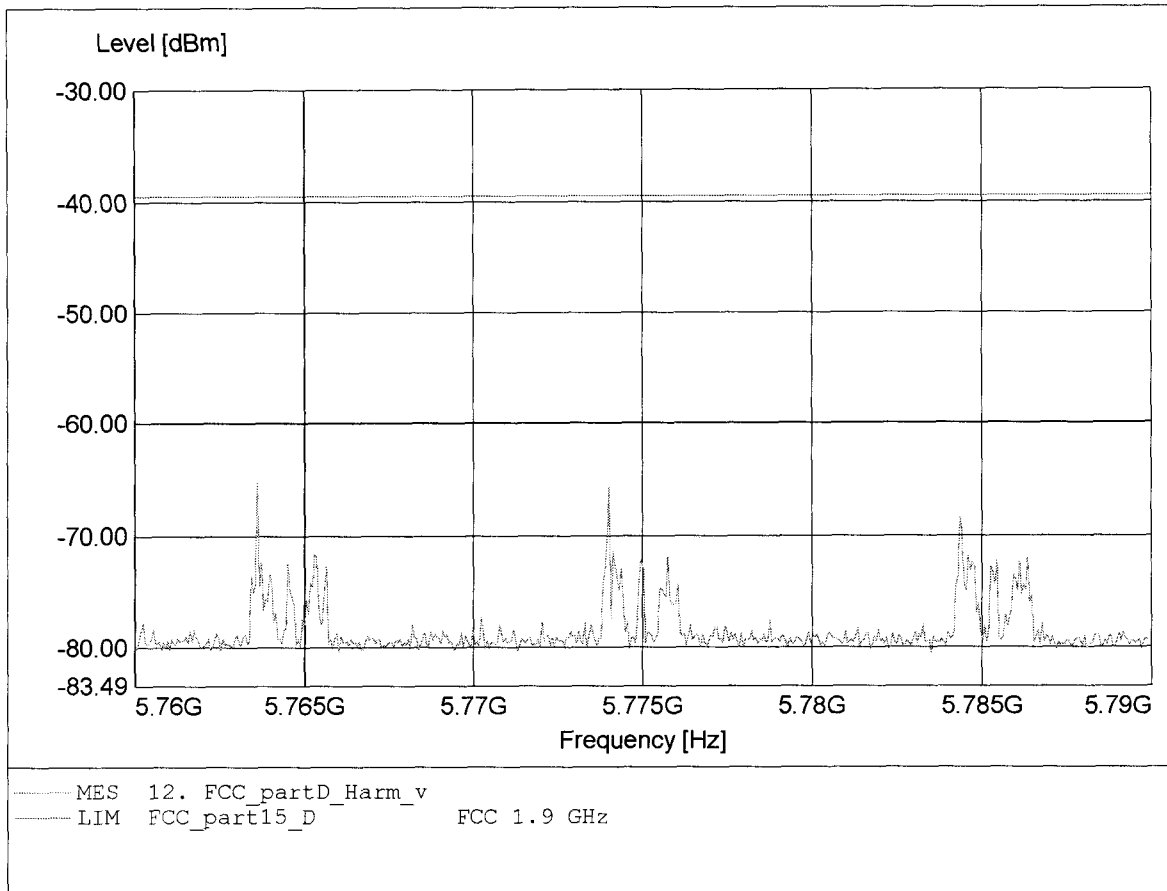
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Marquardt
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.856GHz Pmax:-61.05dBm RBW:10 kHz



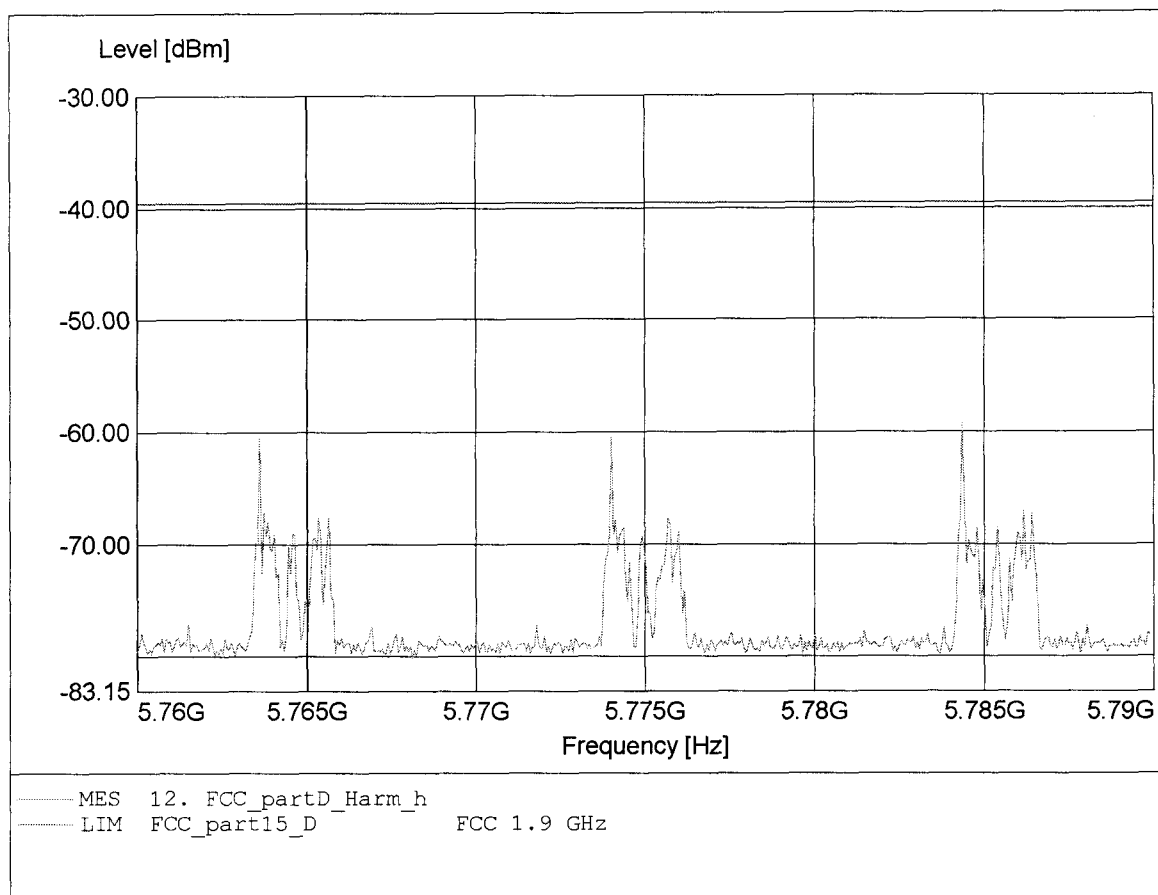
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0, 2, 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.764GHz Pmax:-65.16dBm RBW:10 kHz



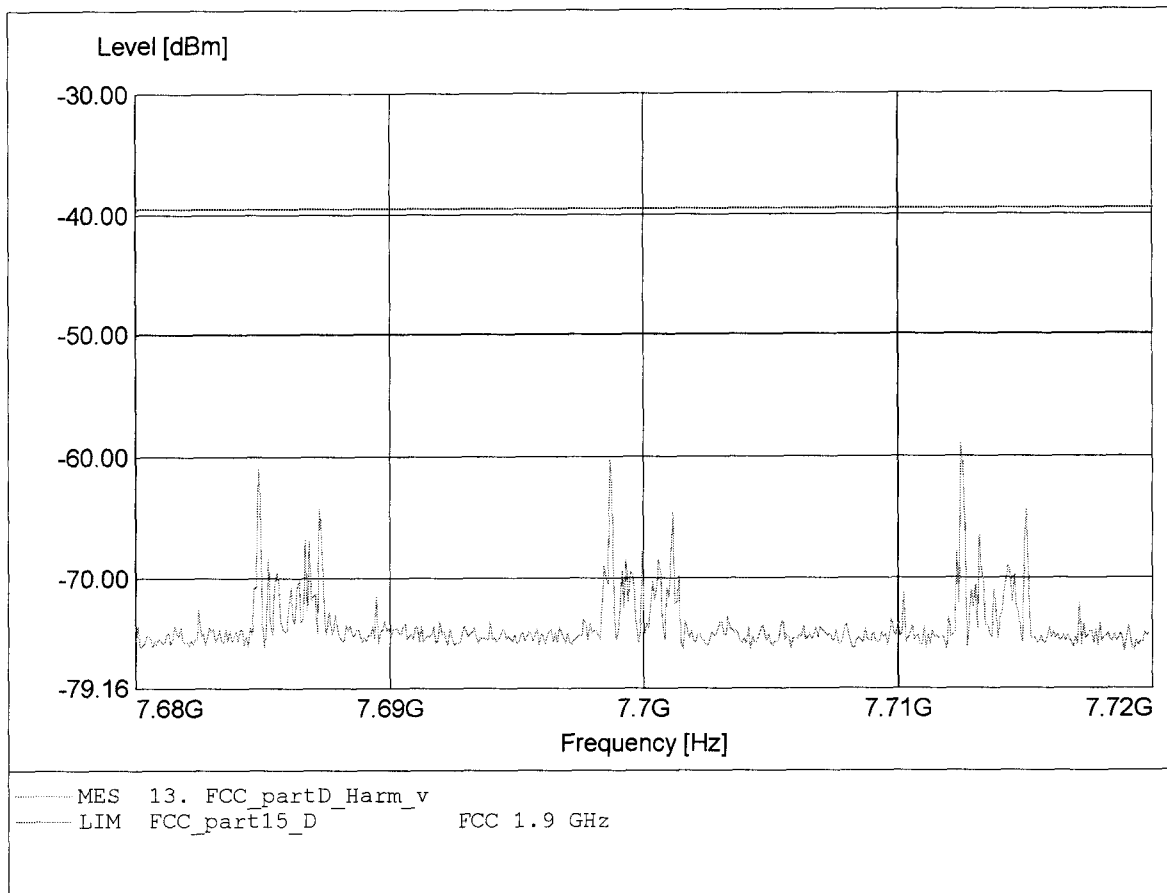
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0, 2, 4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.784GHz Pmax:-59.22dBm RBW:10 kHz



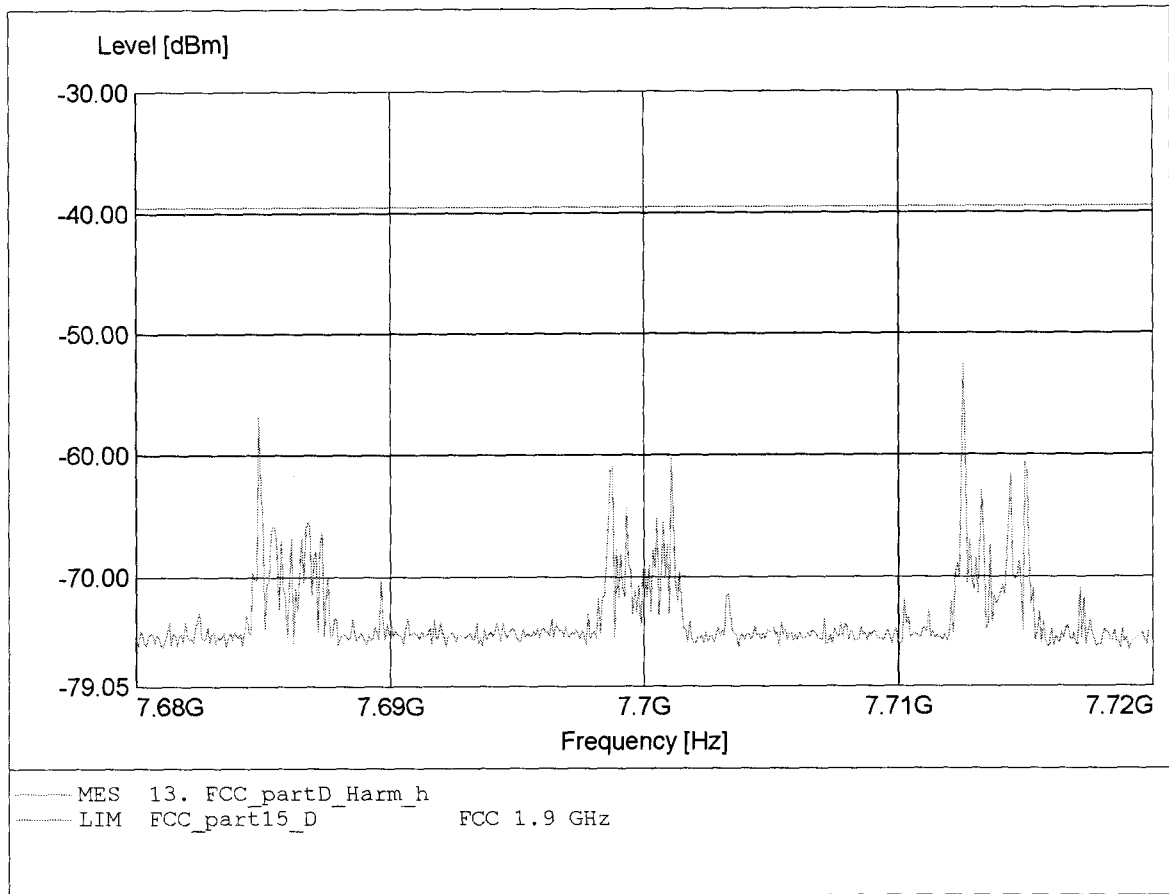
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.712GHz Pmax:-58.91dBm RBW:10 kHz



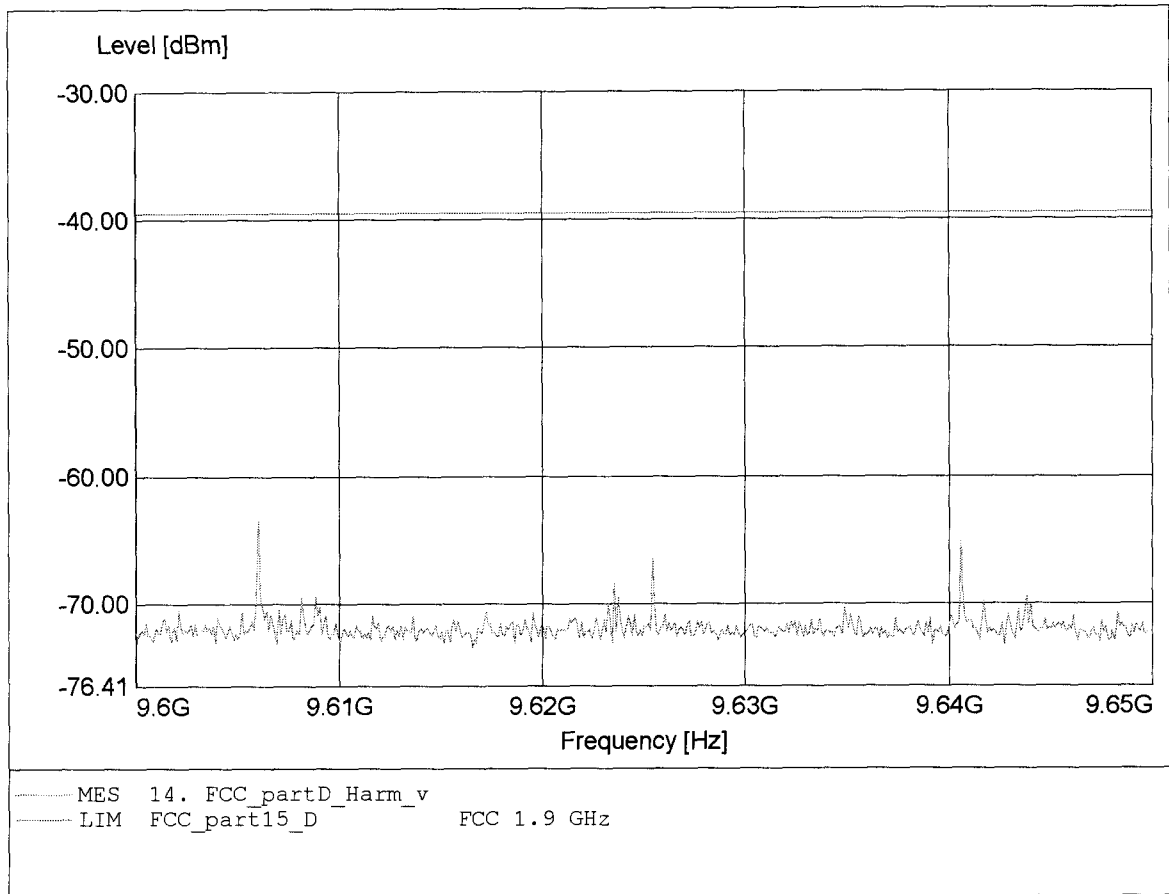
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.713GHz Pmax:-52.62dBm RBW:10 kHz



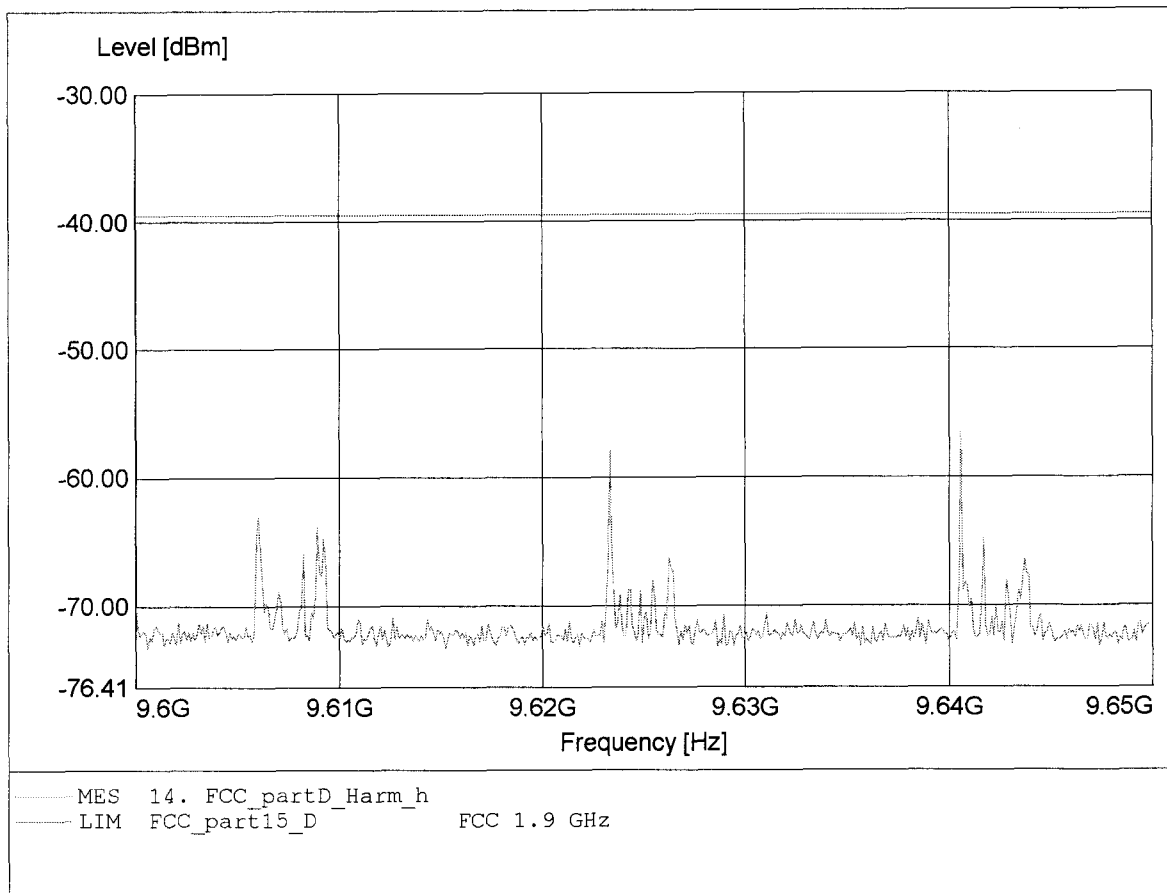
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.606GHz Pmax:-63.34dBm RBW:10 kHz



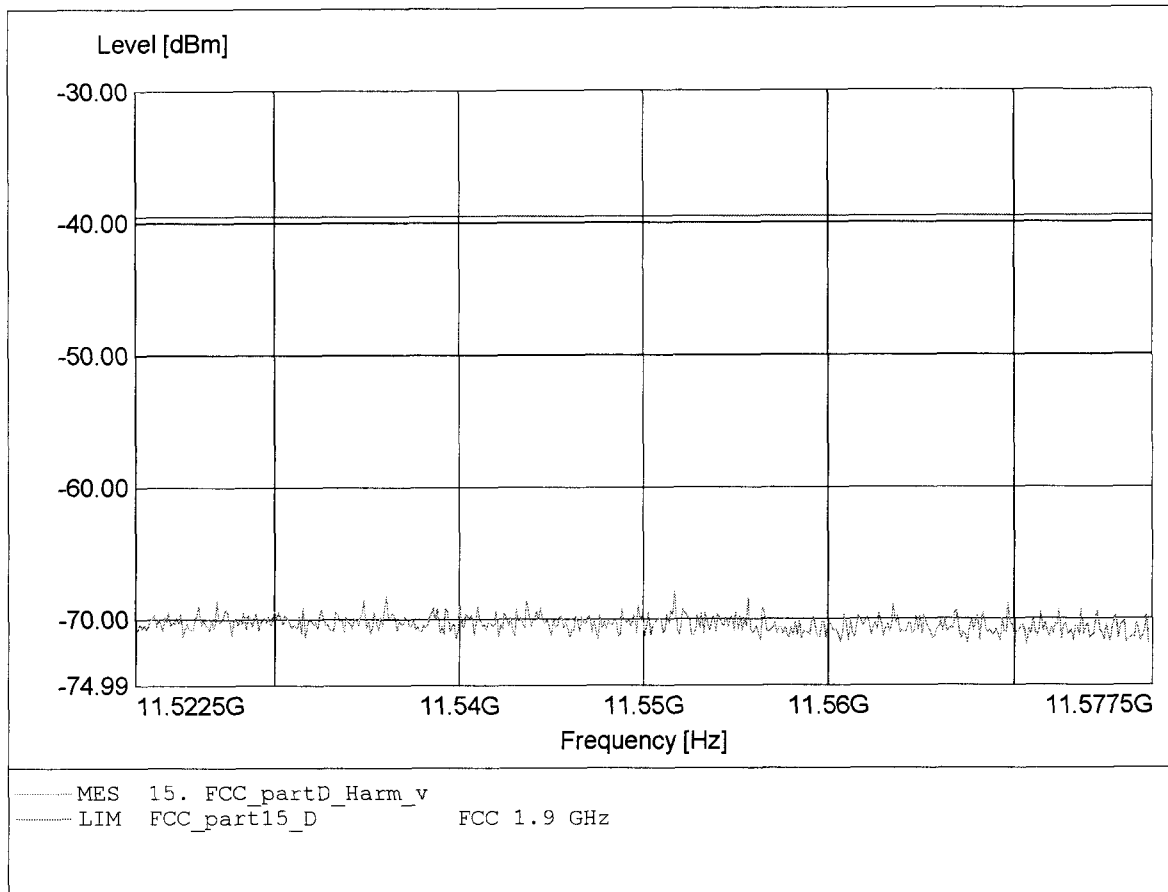
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.641GHz Pmax:-56.44dBm RBW:10 kHz



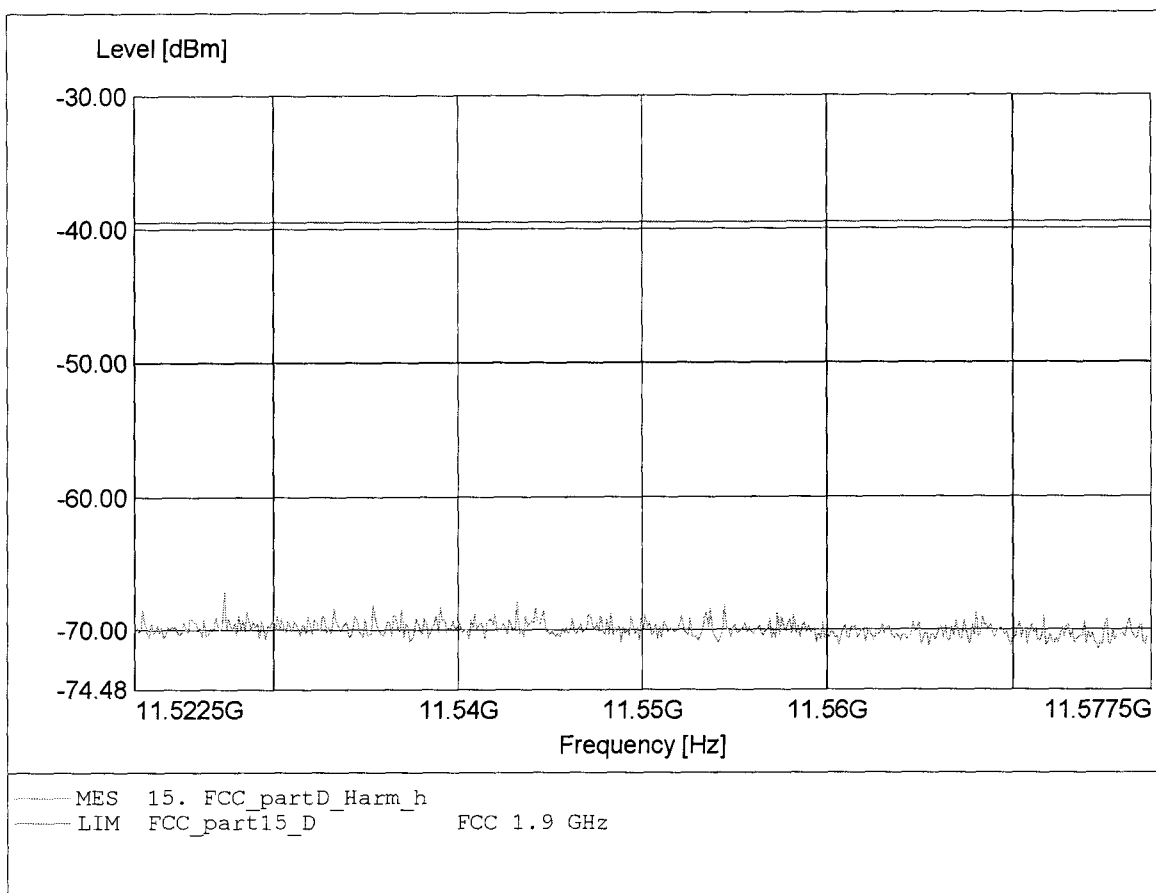
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:11.552GHz Pmax:-67.93dBm RBW:10 kHz



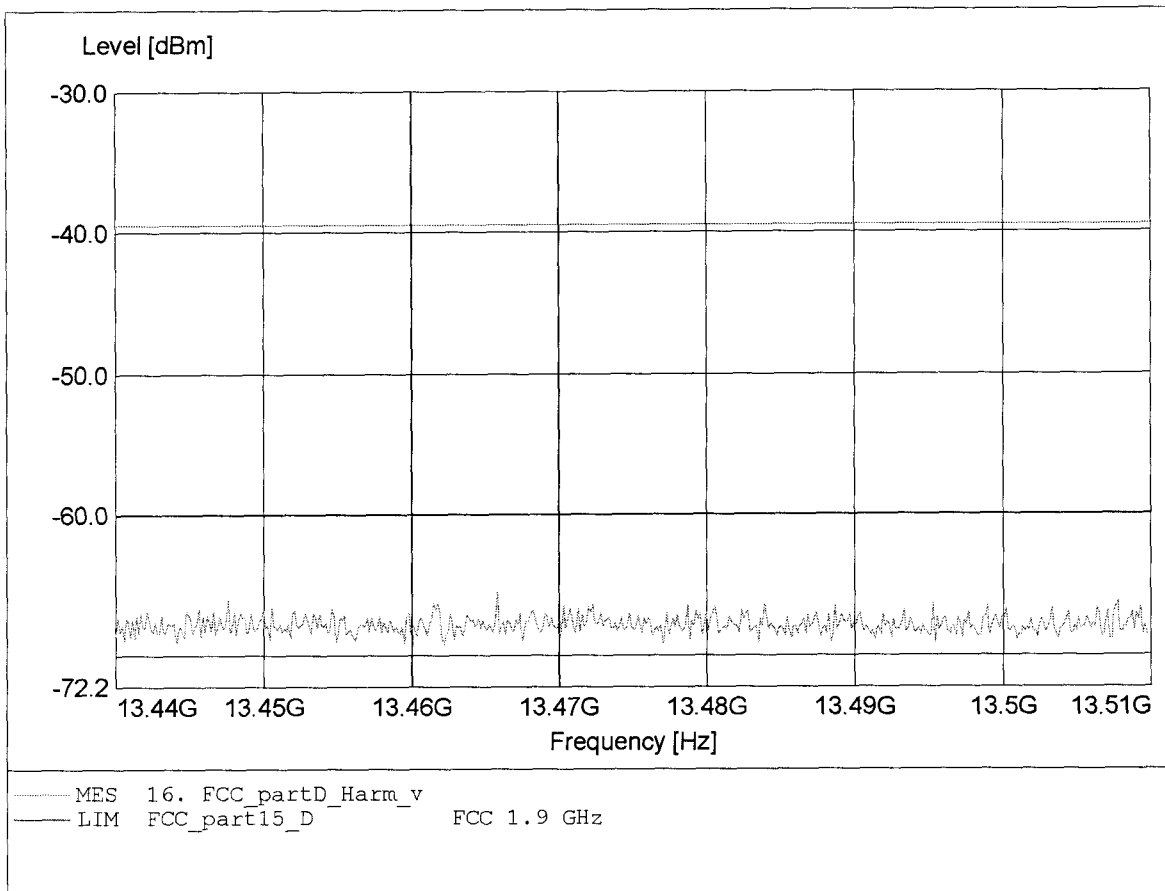
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
 EUT: 1.9 GHz Communication System
 Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
 Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
 Test Site / Operator: ETS / Mr. Handrik
 Test Specification: Fully anechoic chamber / mode: Tx
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:11.527GHz Pmax:-67.14dBm RBW:10 kHz



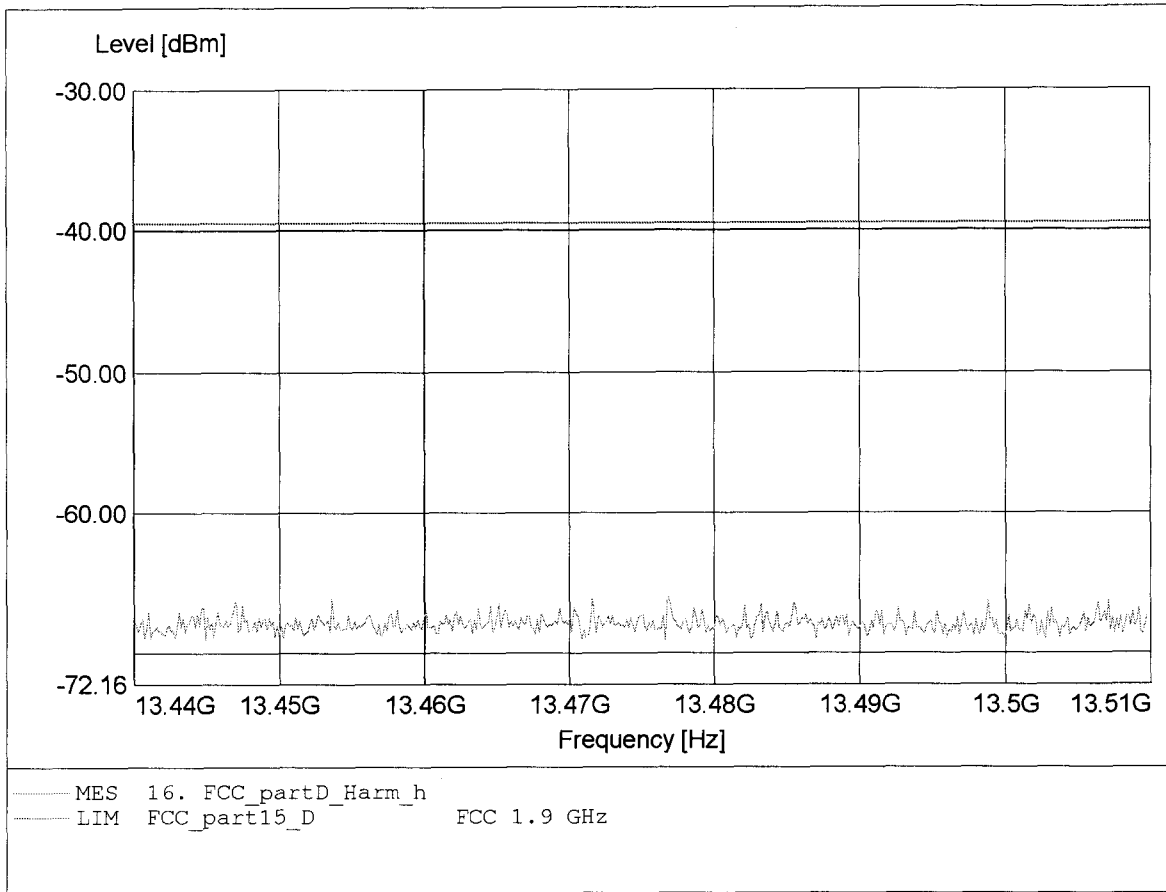
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:13.466GHz Pmax:-65.48dBm RBW:10 kHz



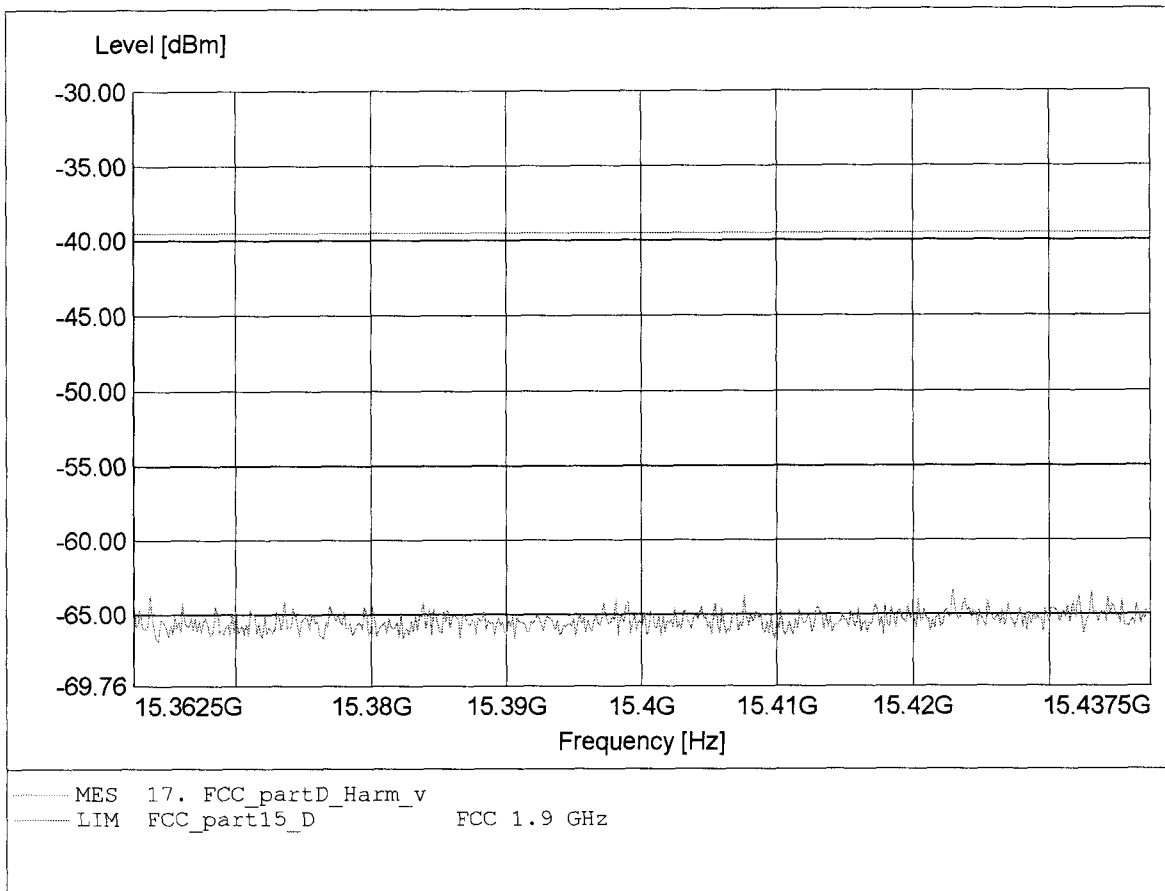
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:13.477GHz Pmax:-66.07dBm RBW:10 kHz



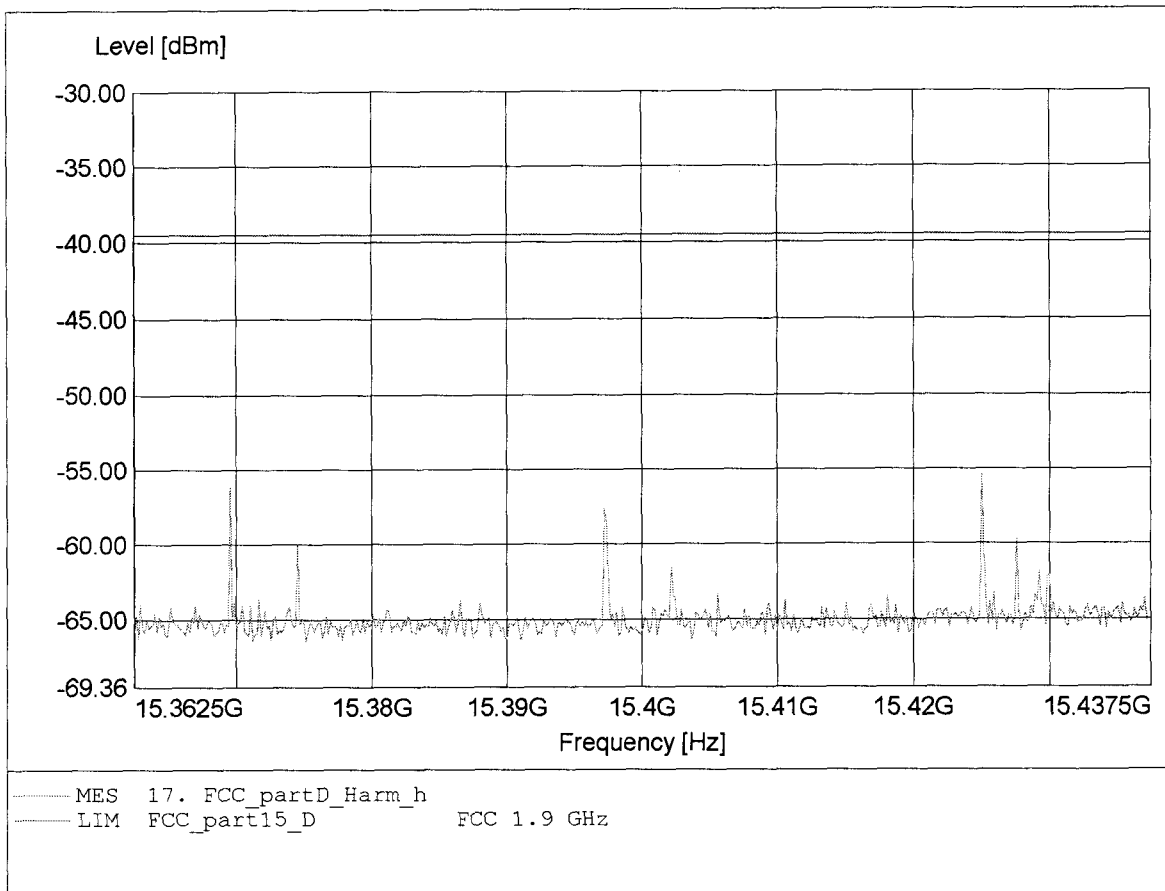
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
 EUT: 1.9 GHz Communication System
 Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
 Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
 Test Site / Operator: ETS / Mr. Handrik
 Test Specification: Fully anechoic chamber / mode: Tx
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:15.423GHz Pmax:-63.33dBm RBW:10 kHz



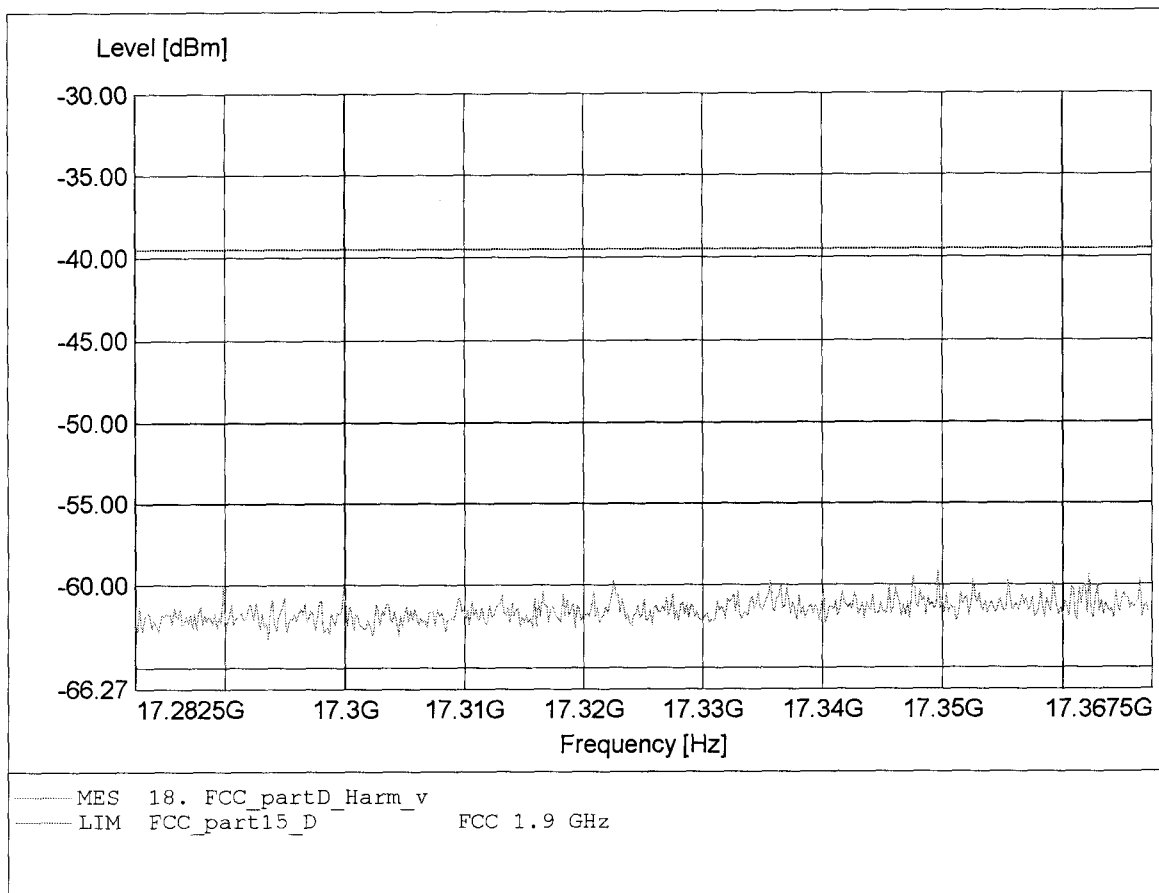
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:15.425GHz Pmax:-55.39dBm RBW:10 kHz



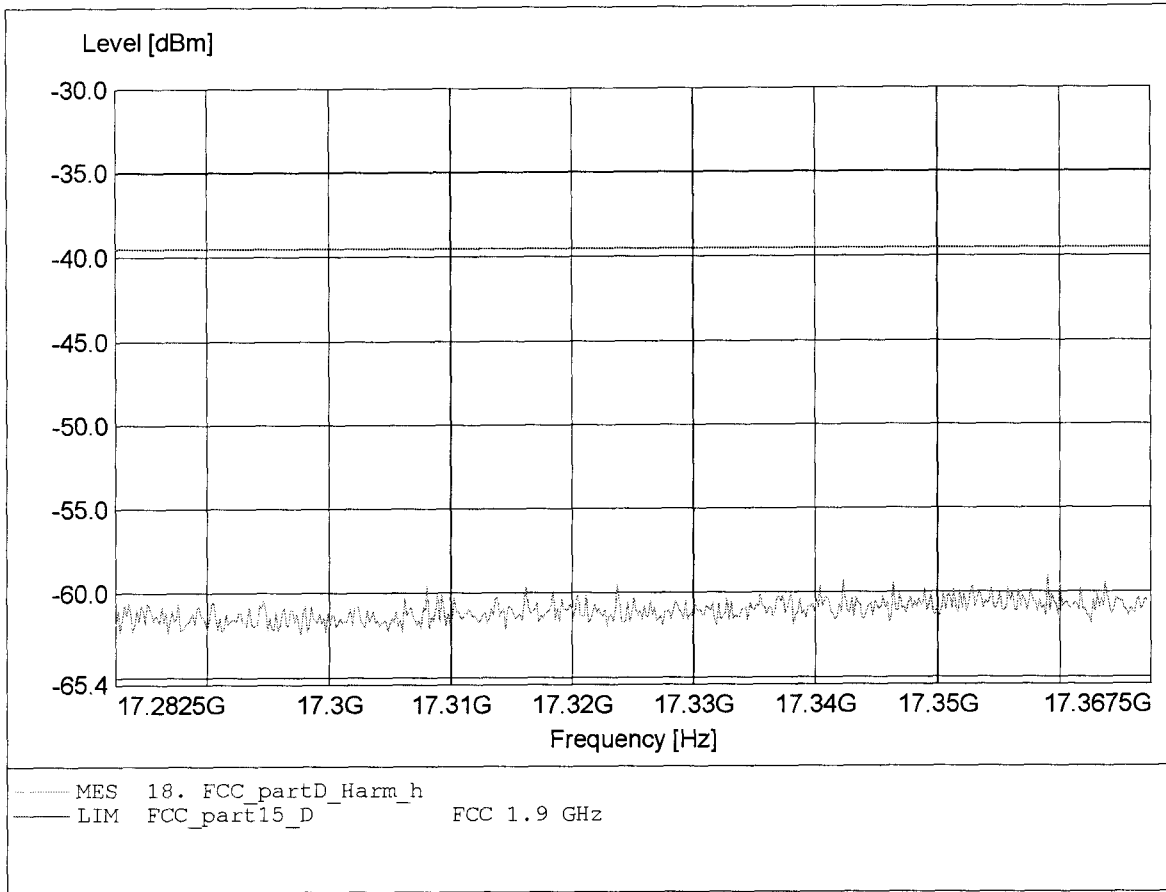
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:17.350GHz Pmax:-59.19dBm RBW:10 kHz



Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRFP4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:17.359GHz Pmax:-59.00dBm RBW:10 kHz



Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Applicant: KIRK telecom A/S
EUT: 1.9 GHz Communication System
Model: WRF4 1G9 / Antenna: 1 / Ch.: 0/2/4
Temperature/ Voltage: Temp.: 23°C, Unom.: 120 VAC (AC/DC adaptor)
Test Site / Operator: ETS / Mr. Handrik
Test Specification: Fully anechoic chamber / mode: Tx
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:19.269GHz Pmax:-56.14dBm RBW:10 kHz

