



EUROFINS PRODUCT SERVICE GMBH



PARTIAL TEST - REPORT

FCC PART 15 D for Isochronous UPCS devices
RSS-213 for LE-PCS devices

DECT handset

K001

FCC ID: M72-PKBK001
IC: 1849C-PKBK001

Test report no.:G0M-1109-1389-C-1_Rev01



Eurofins Product Service GmbH
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1. General Information
1.1 Notes

The results of this test report relate exclusively to the item tested as specified in chapter "Description of test item" and are not transferable to any other test items.

Eurofins Product Service GmbH is not responsible for any generalisations and conclusions drawn from this report. Any modification of the test item can lead to invalidity of test results and this test report may therefore be not applicable to the modified test item.

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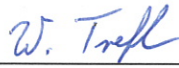
Specific Conditions.

Usage of the hereunder tested device in combination with other integrated or external antennas requires at least additional output power measurements, spurious emission measurements, conducted emission measurements (AC supply lines) and radio frequency exposure evaluations are performed for each individual configuration.

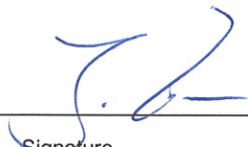
This report relates to FCC-Part15B applied on UPCS devices with the technology which is derived from the DECT standard.

Additionally this report covers the requirements of RSS-213 (2GHz Licence-exempt Personal Communications Services Devices (LE-PCS)), released by Industry Canada (IC). In the following the term UPCS covers therefore also LE-PCS.

Operator:

08.02.2012		W. Treffke	
_____	_____	_____	_____
Date	Eurofins Lab.	Name	Signature

Technical responsibility for area of testing:

08.02.2012		J. Zimmermann	
_____	_____	_____	_____
Date	Eurofins	Name	Signature

1.2 Testing laboratory**1.2.1 Location**

EUROFINS PRODUCT SERVICE GMBH
Storkower Straße 38c
D-15526 Reichenwalde b. Berlin
Germany
Telefon : +49 33631 888 00
Telefax : +49 33631 888 66

1.2.2 Details of accreditation status

DAKKS ACCREDITED TESTING LABORATORY
DAKKS-REGISTRATION NUMBER: D-PL-12092-01-01

RECOGNIZED NOTIFIED BODY EMC
REGISTRATION NUMBER: BNetzA-bS EMV-07/61

RECOGNIZED NOTIFIED BODY R&TTE
REGISTRATION NUMBER: BNetzA-bS-02/51-53

FCC FILED TEST LABORATORY
REG.-No. 96970

A2LA ACCREDITED TESTING LABORATORY
CERTIFICATE No. 1983.01

BLUETOOTH QUALIFICATION TEST FACILITY (BQTF)
ACCREDITED BY BLUETOOTH QUALIFICATION REVIEW BOARD

INDUSTRY CANADA FILED TEST LABORATORY
REG. No. IC 3470

1.3 Details of approval holder

Name : Polycom Inc.
Street : 4750 Willow Road
Town : Pleasanton, CA, 94588-2708
Country : USA
Telephone : +44 1753 723011

Contact : Mr. Tony Griffiths
Telephone : +44 1753 723011
E-mail : tony.griffiths@polycom.com

1.4 Application details

Date of receipt of application : 27.09.2011
 Date of receipt of test item : 27.09.2011
 Date of test : 29.09.2011

1.5 Test item

Description of test item : Isochronous UPCS device, cordless phone based on DECT modified technology.

Function	
Portable part	<input checked="" type="checkbox"/>
Base station	
Repeater	

Description of test item : DECT handset
 Type identification : K001
 Brand Name : Polycom
 Serial number : 05 003 0068010 2
 Photos : See annex

Technical data

Frequency bands : 1920 – 1930 MHz

Operating Channel numbers	Test Frequencies	Channel center frequency (MHz)
4	F_L	1921.536
3		1923.264
2		1924.992
1		1926.720
0	F_H	1928.448

Module use : Polycom Kirk KT4586
 Module FCC-ID : M72-PK4586
 Module IC : 1849C-PK4586

Number of channels : 60 (in time and spectrum window, declared by manufacturer)
 Number of channels : 60 (in time and spectrum window, declared by manufacturer)
 Operating modes : MC/TDMA/TDD
 Type of modulation : GFSK

Max. slot type:

single slot	<input checked="" type="checkbox"/>
double slot	<input type="checkbox"/>

Fixed point-to-point operation: Yes/No

Antenna	Type	Gain [dBi]	internal	external
1	PCB monopole antenna	1.2dBi	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	PCB monopole antenna	1.2dBi	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Antenna diversity :

Antenna	Diversity supported	
	Tx	Rx
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Host device : none

Classification : related to radio frequency radiation exposure

Fixed Device	<input type="checkbox"/>
Mobile Device (Human Body distance > 20cm)	<input type="checkbox"/>
Portable Device (Human Body distance < 20cm)	<input checked="" type="checkbox"/>

Power supply : 2.4VDC (Battery)

120VAC (Switching power adaptor) / model: UE08WCP-050100SPA

Data connection :

Connection	used
None	<input type="checkbox"/>
PSTN	<input type="checkbox"/>
Data Networks	<input type="checkbox"/>
others	<input checked="" type="checkbox"/>

Remark: Devices intended to be connected to PSTN have to be applied for FCC PART 68 registration, in USA and for Industry Canada standard CS-03.

Radiated Power:

Maximum Radiated Power
20.1 dBm

Manufacturer:
(if applicable)

Name : Polycom Inc.
Street : 4750 Willow Road
Town : Pleasanton, CA, 94588-2708
Country : USA

1.6 Test standards

Technical standard : FCC PART 15, Subpart D; RSS-213, Issue 2, 2005

Test method and procedure: Following requirements of FCC Part 15 D, RSS-213 and ANSI C63.17-2006

Additional information: The row scheme for frequency generation, radio channels, receiver parameters, synchronization procedure, and other parameters are determined by the DECT standard. Details are content of operational description provided by manufacturer.

2. Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed.

or

The deviations as specified in 3.0 were ascertained in the course of the tests performed.

2.2 Test environment

Temperature : 23°C

Relative humidity content : 20 ... 75 %

Air pressure : 86 ... 103 kPa

Details of power supply : 2.4VDC

Extreme conditions parameters: : test voltage - extreme min : --
(manufacturer declaration) max: --

temperatures – extreme min: --°C 1)
max: --°C 1)

Remarks: 1) declared by manufacturer

2.3 Test equipment utilized

No.	Test equipment	Type	Manufacturer	Cal Date	Cal Due
ETS 0012	Biconical Antenna	HK 116	R & S	2010-01	2013-01
ETS 0013	LPD Antenna	HL 223	R & S	2012-01	2014-01
ETS 0014	Log Periodical Antenna	HL 025	R & S	2011-11	2013-11
ETS 0031	Turn table	DS 412	Heinrich Deisel		
ETS 0268	RF Signal Generator (High power synthesizer/ sweeper)	SMP 02	R & S	2011-03	2013-03
ETS 0125	Reference dipole	0003126-1880	ETS Lindgren	2009-12	2014-12
ETS 0253	Spectrum Analyzer	FSIQ 26	R & S	2011-11	2012-11
ETS 0267	RF Signal Generator	SMT 03	R & S	2011-01	2013-01
ETS 0255	Signal Generator	SMIQ03	R & S	2010-08	2012-08
ETS 0288	Artificial mains	ESH2-Z5	R & S	2010-09	2012-09
ETS 0310	Anechoic chamber	AC 3	Frankonia	2007-02	2012-02
ETS 0474	EMI Test Receiver	ESCS 30	R&S	2011-06	2012-06
ETS 0495	RF Step Attenuator	RSP	R & S	2011-10	2013-10
ETS 0496	Spectrum Analyzer	FSP	R & S	2011-12	2012-12
ETS 0497	Power Meter	NRVD	R & S	2011-02	2013-02
ETS 0498	Diode Power Sensor	NRV-Z1	R & S	2011-04	2013-04
ETS 0500	Signal Generator	SMIQ03	R & S	2011-03	2013-03
ETS 0539	Signal Generator	SMIQ03	R & S	2010-11	2012-11
ETS 0502	Power Splitter	DS-808-4	Macom	path calibration	path calibration

3. Results of Examinations and tests (enclosure)

TEST CASE	FCC Rules	RSS-213	Required	Customer Declaration	Test passed	Test failed
Coordination with fixed microwave service	15.307 (b)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reference to Subpart B	15.309 (b)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conducted limits AC Power line	15.315 , 15.207	4.2;6.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Antenna requirement	15.317, 15.203		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Modulation techniques	15.319 (b)	6.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emission bandwidth	15.323 (a)	6.4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Peak Transmit Power	15.319 (c)	4.3.1;6.5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power spectral density	15.319 (d)	4.3.1;6.6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Directional gain of the antenna	15.319 (e)	4.1 (e)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic discontinuation of transmission	15.319 (f)	4.3.4 (a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radio frequency radiation exposure	15.319 (i)	RSS – 102 Gen 5.5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monitoring threshold	15.323(c)(2); (c)(9)	4.3.4 (b)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monitoring of intended transmit window and maximum reaction time	15.323(c)(1)	4.3.4 (b)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monitoring bandwidth	15.323 (c)(7)	4.3.4 (b)(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Random waiting interval	15.323 (c)(6)	4.3.4 (b)(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Duration of transmission	15.323 (c)(3)	4.3.4 (b)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Connection acknowledgement	15.323 (c)(4)	4.3.4 (b)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Selected channel confirmation, power accuracy, segment occupancy	15.323 (c)(5)	4.3.4 (b)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monitoring antenna	15.323 (c)(8)	4.3.4 (b)(8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Duplex connections	15,323 (c)(10)	4.3.4 (b)(10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alternative monitoring interval for co-located devices	15.323 (c)(11)	4.3.4 (b)(11)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fair access to spectrum related to (c)(10) and (c)(11)	15.323 (c)(12)	4.3.4 (b)(12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emissions inside and outside the sub-band, spurious emissions	15.323 (d)	6.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frame period	15.323 (e)	4.3.4 (c)				<input type="checkbox"/>
Frequency stability	15.323 (f)	6.2				<input type="checkbox"/>
Receiver spurious emissions		6.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3.1 Examinations and Test Procedures

The test procedures are performed following the requirements of FCC Part 15, RSS-213 and test standard ANSI C63.17-2006 [American National Standard for Methods of Measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communications Services (UPCS) Devices].

3.1.1 Radiated spurious emissions, generally requirements

Reference

FCC	CFR part 15.323(d), 15.205, 15.209, 15.35
IC	RSS-213 6.7

Emissions inside the sub-band

Testing of emissions inside the sub-band are performed using method 6.1.6.1 of ANSI C63.17. The applied emission mask limit was created using the current emission band width.

Comment: For results see diagrams in Appendix.

Emissions outside the sub-band

Out of sub band emissions are tested as radiated measurement band width of about 1% of emission band width near the band edges and at critical frequencies where the measurement values come near the limits. For practical reasons other frequencies the more stringent band width of 1 MHz is used. As test environment serves a fully anechoic chamber providing a free space environment (test set-up No. 3)

Calculation of test results:

Such factors like antenna correction, cable loss, external attenuation etc. are already included in the provided measurement results. This is done by using validated test software and calibrated test system according the accreditation requirements.

In the Table being listed the critical peak and average value an exhibit the compliance with the above calculated Limits.

Limits for restricted bands

FCC & IC	20 dB below peak output power, emissions which fall in the restricted bands (15.205(a)) / (RSS-210 2.7) must comply the following limits: Frequencies below 1GHz:		
	Frequency of emission	Field strength	Field strength
	[MHz]	[$\mu\text{V} / \text{m}$]	[dB $\mu\text{V} / \text{m}$]
	30 - 88	100	40.0
	88 - 216	150	43.5
	216 - 960	200	46.0
	Above 960	500	54.0
	For frequencies above 1 GHz (Avg measurements): 54.0 dB $\mu\text{V} / \text{m}$ For frequencies above 1 GHz (Pk measurements): Limit + 20 dB = 54.0 dB $\mu\text{V} / \text{m}$ + 20 dB = 74 dB $\mu\text{V} / \text{m}$		

Calculation of test results:

Such factors like antenna correction, cable loss, external attenuation etc. are already included in the provided measurement results.

The peak and average spurious emission plots was measured with the average limits. In the Table being listed the critical peak and average value an exhibit the compliance with the above calculated Limits.

If in the column's correction factor states a value then the max. Field strength in the same row is corrected by a value gained from the "Marker-Delta-Method" or the „Duty-Cycle Correction Factor“.

15.35 (c) Duty cycle correction average value

When the radiated emission limits are expressed in terms of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds.

Duty cycle correction = $20 \log(\text{dwell time} / 100 \text{ ms or less})$

Duty cycle correction peak value

The analyzer setting was as following:

Frequency range	RES bandwidth		Video bandwidth	
	Pk	Avg	Pk	Avg
f < 1GHz	100 kHz	100 kHz	10 Hz	10 Hz
f > 1GHz	1 MHz	1 MHz	10 Hz	10 Hz

Set the VBW to 10 Hz, while maintaining all of the other instrument settings. This peak level, once corrected, must comply with the limit specified in Section 15.209. If the dwell time per channel of the hopping signal is less than 100 ms, then the reading obtained with the 10 Hz VBW may be further adjusted by a "duty cycle correction factor", derived from $20 \log(\text{dwell time} / 100 \text{ ms})$, in an effort to demonstrate compliance with the 15.209 limit. Submit this data.

If the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

Test results

Summary table with radiated data of the test plots – Antenna 1

Freq.	Used Ch.	Frequency Marker [MHz]	Polarization	Δ corrections dB	Max. Power level [dBm]	Compliance Limit [dBm]	Detector	BW [kHz]	Margin [dB]
1921	4	3843	v		-49.52	-39.5	P	10	-10.02
1921	4	3742	h		-47.11	-39.5	P	10	-7.61
1921	4	7685	h		-45.69	-39.5	P	10	-6.19
1921	0	3857	V		-47.95	-39.5	P	10	-8.45
1921	0	3858	h		-48.22	-39.5	P	10	-8.72
1921	0	7715	v		-49.56	-39.5	P	10	-10.06

Summary table with radiated data of the test plots – Antenna 2

Freq.	Used Ch.	Frequency Marker [MHz]	Polarization	Δ corrections dB	Max. Power level [dBm]	Compliance Limit [dBm]	Detector	BW [kHz]	Margin [dB]
1928	4	3843	v		-42.64	-39.5	P	10	-3.14
1928	4	3842	h		-46.99	-39.5	P	10	-7.49
1928	4	7685	h		-45.01	-39.5	P	10	-5.51
1928	0	3857	v		-46.91	-39.5	P	10	-7.41
1928	0	3858	h		-47.44	-39.5	P	10	-7.94
1928	0	7715	v		-45.57	-39.5	P	10	-6.07

Freq. - Frequency Range:

- 1: 30 – 200 MHz
- 2: 200 – 1000 MHz
- 3: 1 – 4 GHz
- 4: 4 – 8 GHz
- 5: 8 – 12 GHz
- 6: 12 – 17 GHz
- 7: 17 – 26,5 GHz

Comment: Only out-of-band unwanted emissions have been measured.

Verdict:

Pass	Fail
<input checked="" type="checkbox"/>	<input type="checkbox"/>

3.1.2 Receiver spurious emissions, RSS-213 6.8

Receiver spurious emissions shall comply with the limits specified in RSS-Gen.
 For radiated measurements the resolution bandwidth of the spectrum analyzer shall be 100 kHz for spurious emissions below 1 GHz and 1 MHz above 1 GHz. For emissions below 1 GHz a CISPR quasi peak demodulator is used. Above 1 GHz an average detector is used.
 The receiver operating frequency shall be putted to the middle of the band for this test.

Results:

Device Frequency	Frequency marker indication [MHz]	Antenna polarization	Worst case emission level [$\mu\text{V/m}$]	Compliance limit [$\mu\text{V/m}$]	Results [$\mu\text{V/m}$]
RX	198,978	v	37,33	150	-112,67
	194,206	h	35,56	150	-114,44
	995,190	v	13,29	500	-486,71
	980,762	h	13,17	500	-486,83
	3946,000	v	107,28	500	-392,72
	3964,000	h	102,80	500	-397,20
	7623,000	v	121,76	500	-378,24
	7824,000	h	114,95	500	-385,05

Freq. – Frequency Range:

- 1: 30 – 200 MHz
- 2: 200 – 1000 MHz
- 3: 1 – 4 GHz
- 4: 4 – 8 GHz

For results see diagrams in Annex.

Limit:

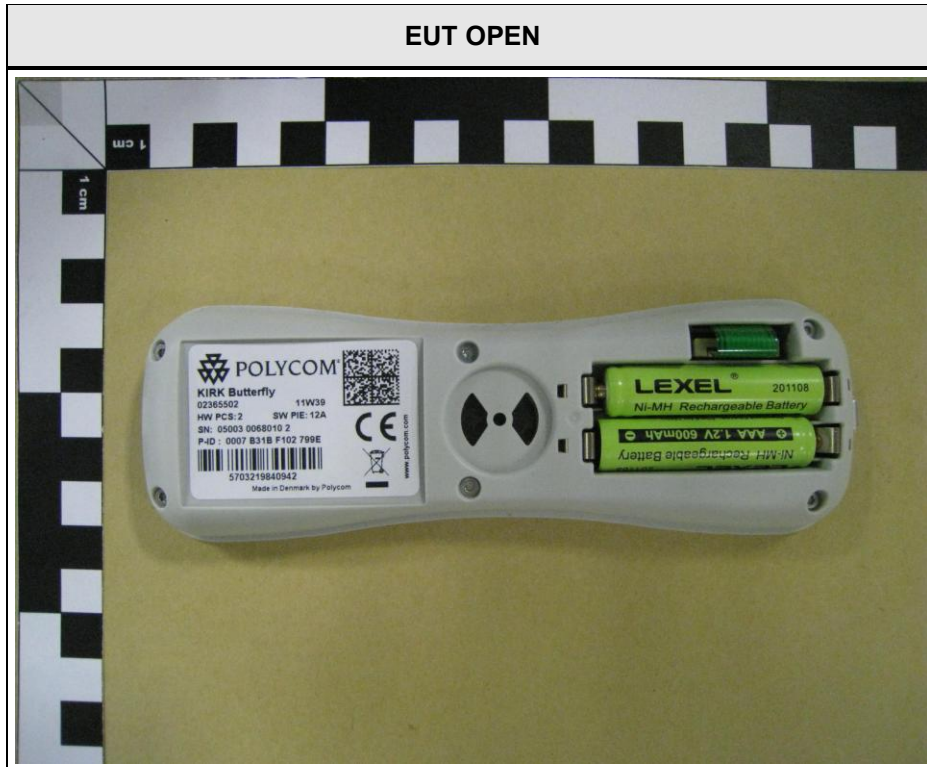
Spurious Frequency (MHz)	Field Strength (microvolt/m at 3 metres)	dB $\mu\text{V/m}$
30 – 88	100	40
88 – 216	150	43.5
216 – 960	200	46
Above 960	500	54

Verdict:

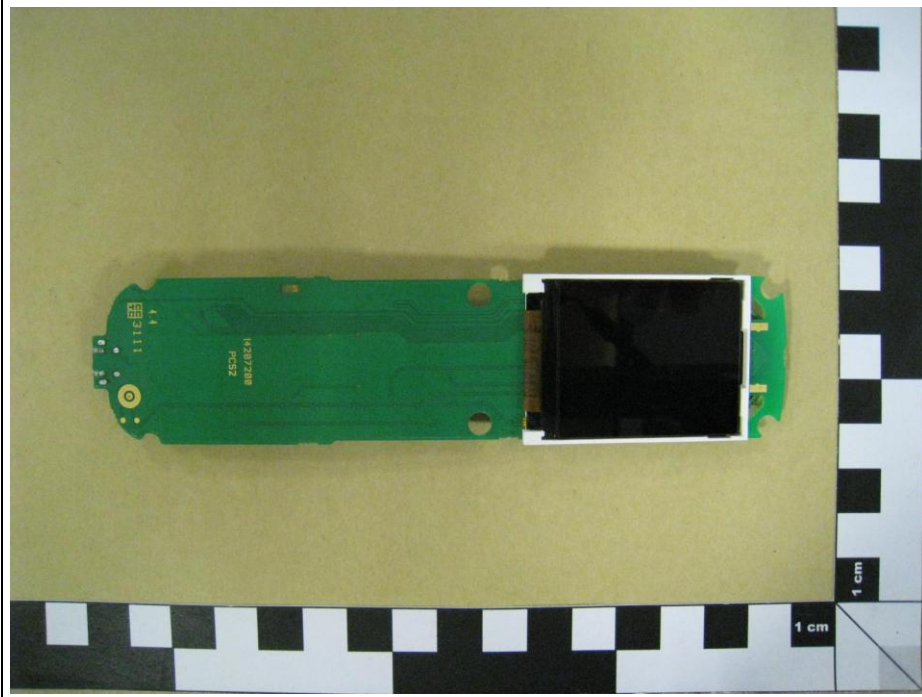
Pass	Fail
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Annex A Photos

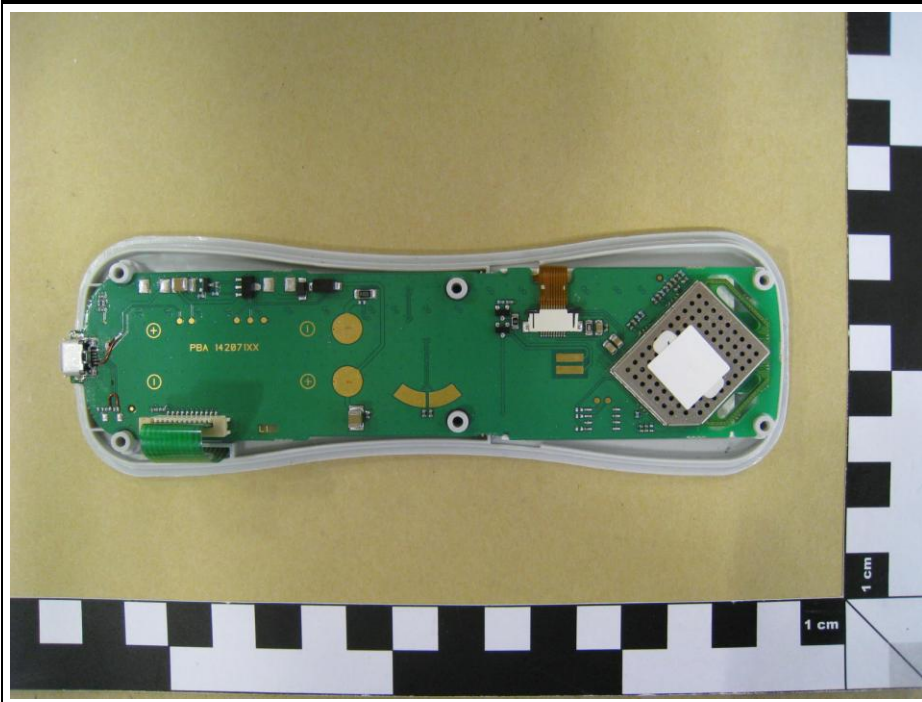




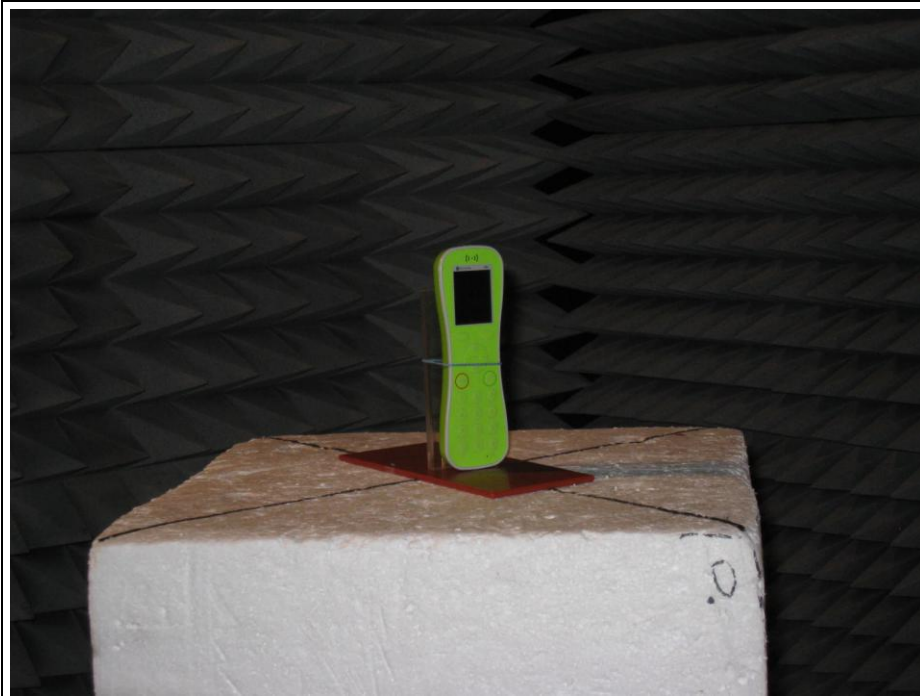
PCB FRONT



PCB BACK



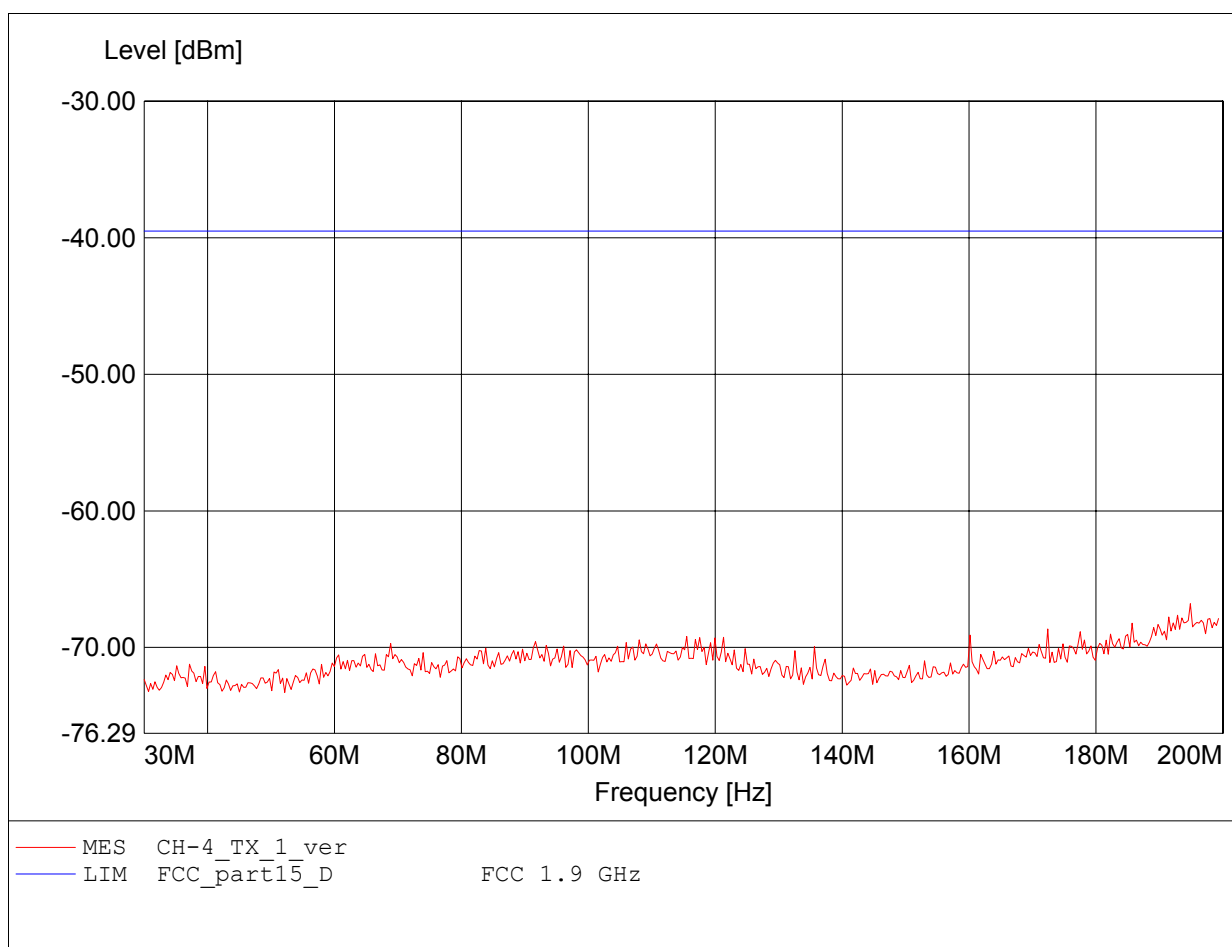
Test Setup radiated measurements



Annex B Transmitter radiated spurious emissions

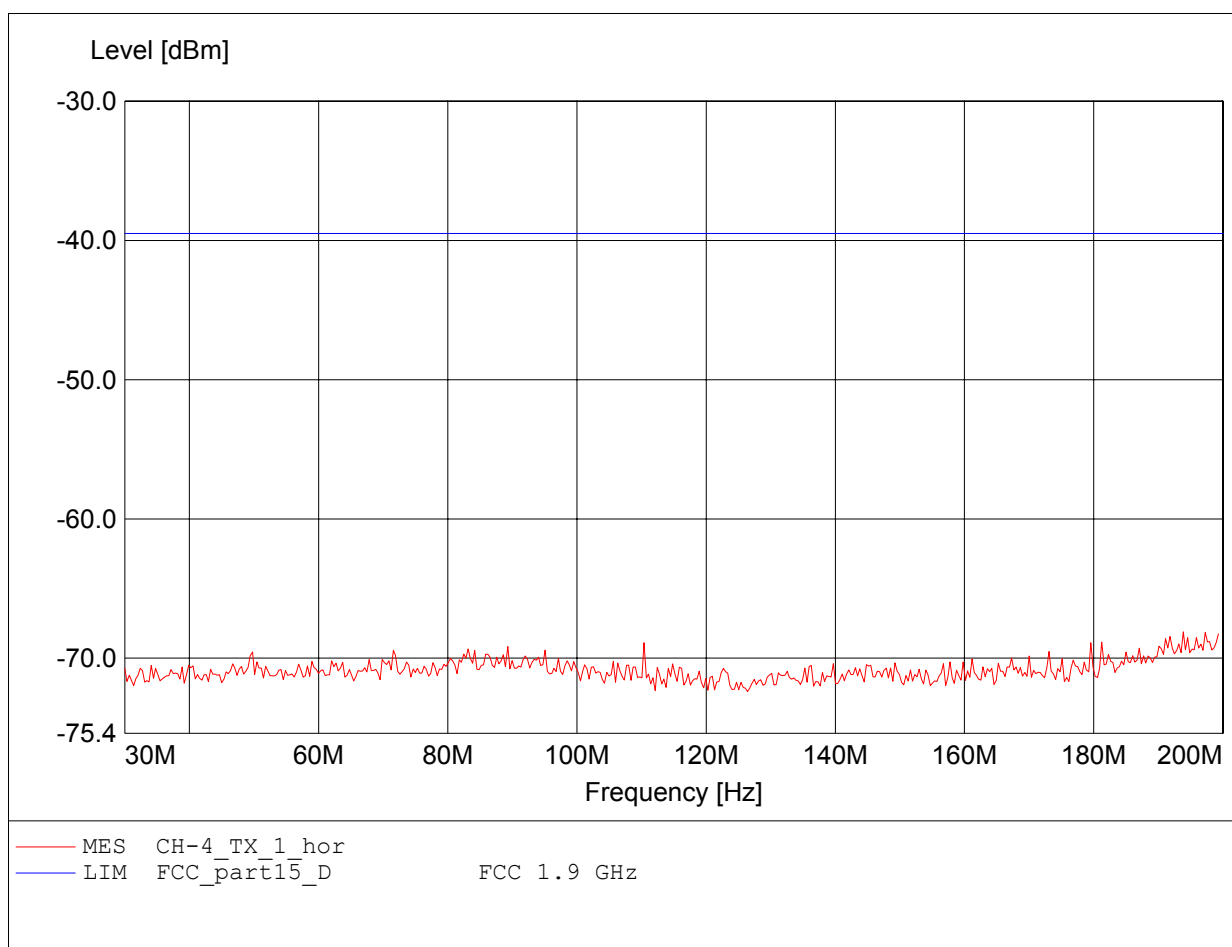
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:194.890MHz Pmax:-66.79dBm RBW: 100 kHz



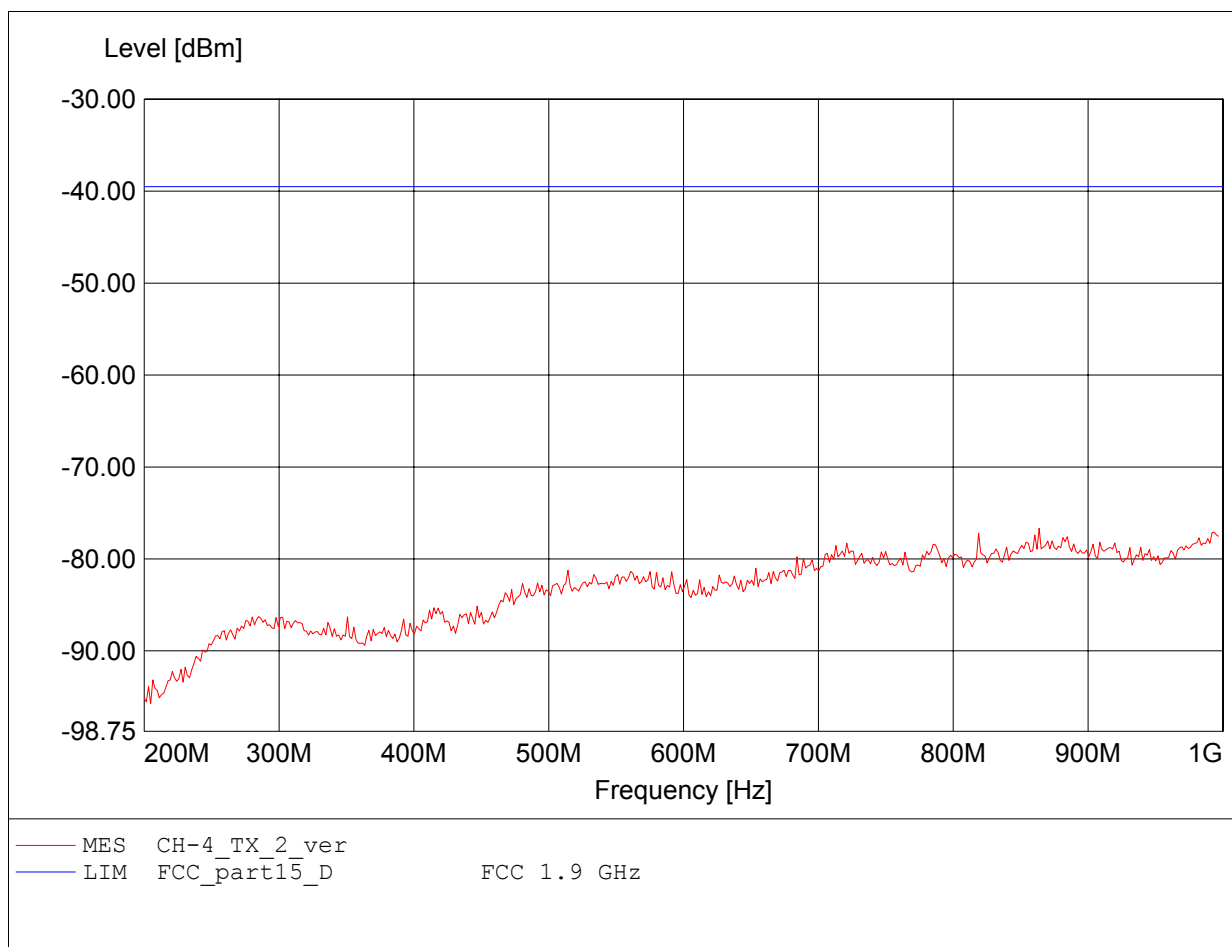
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:193.868MHz Pmax:-68.11dBm RBW: 100 kHz



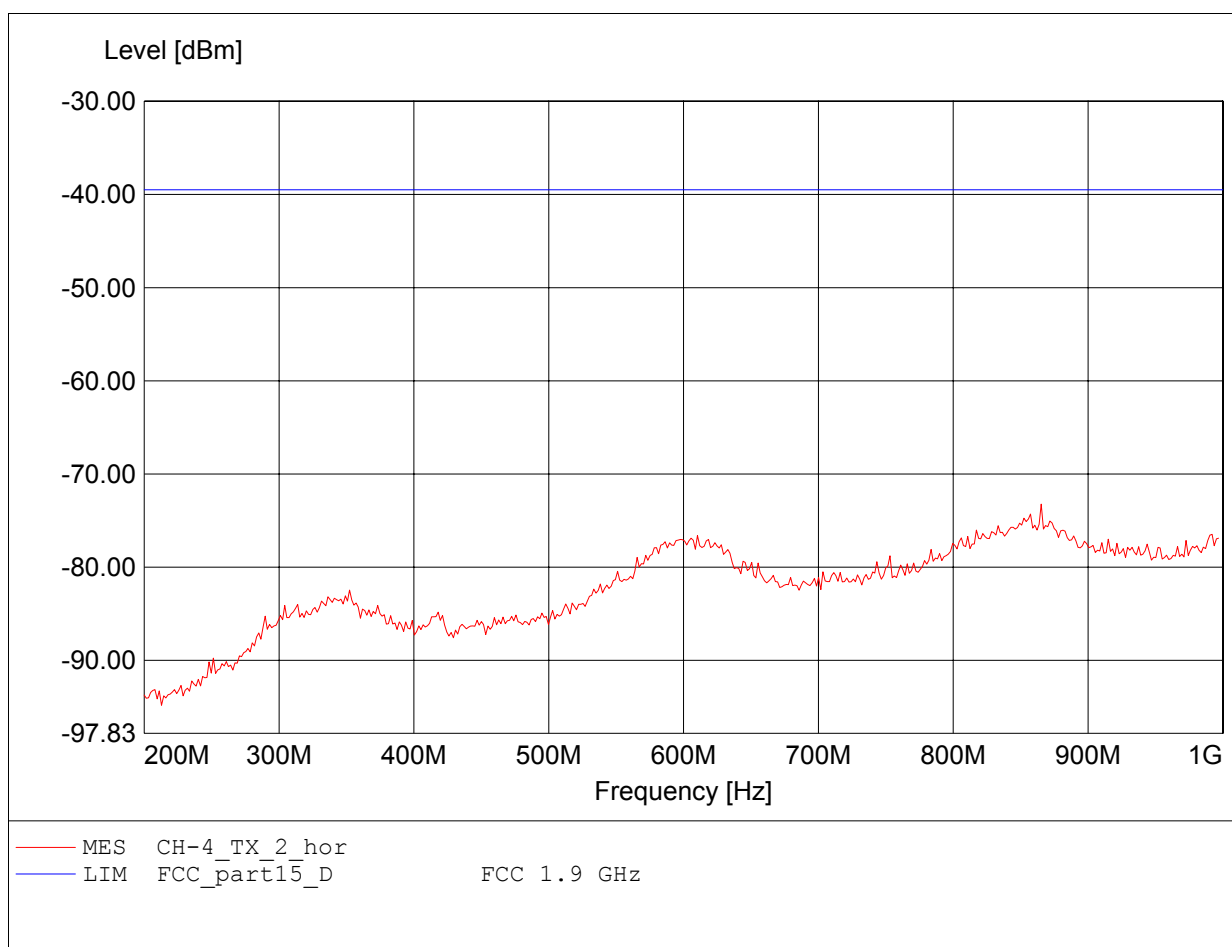
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:863.727MHz Pmax:-76.68dBm RBW: 100 kHz



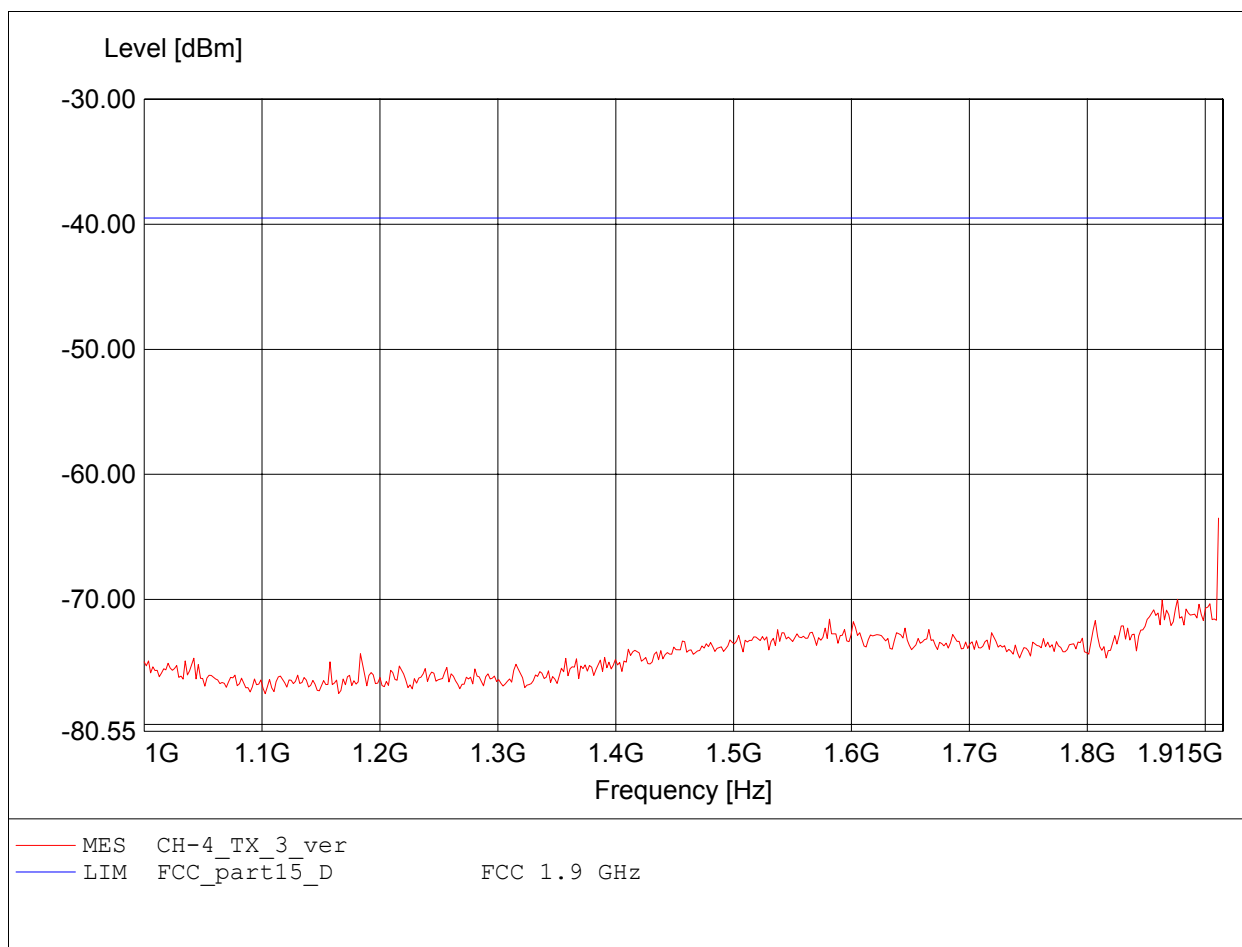
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
 Comment 2: Freq:865.331MHz Pmax:-73.24dBm RBW: 100 kHz



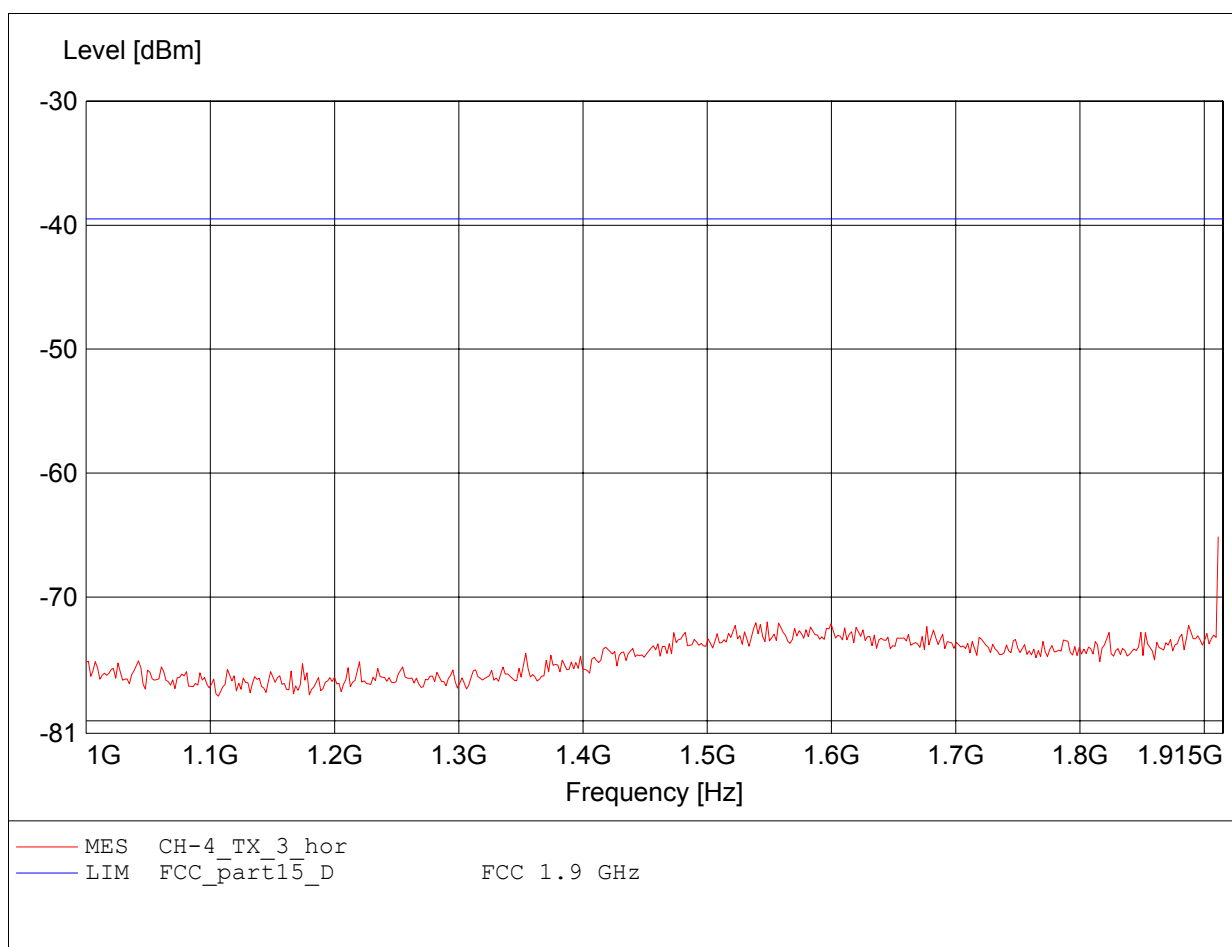
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.911GHz Pmax:-63.50dBm RBW: 100 kHz



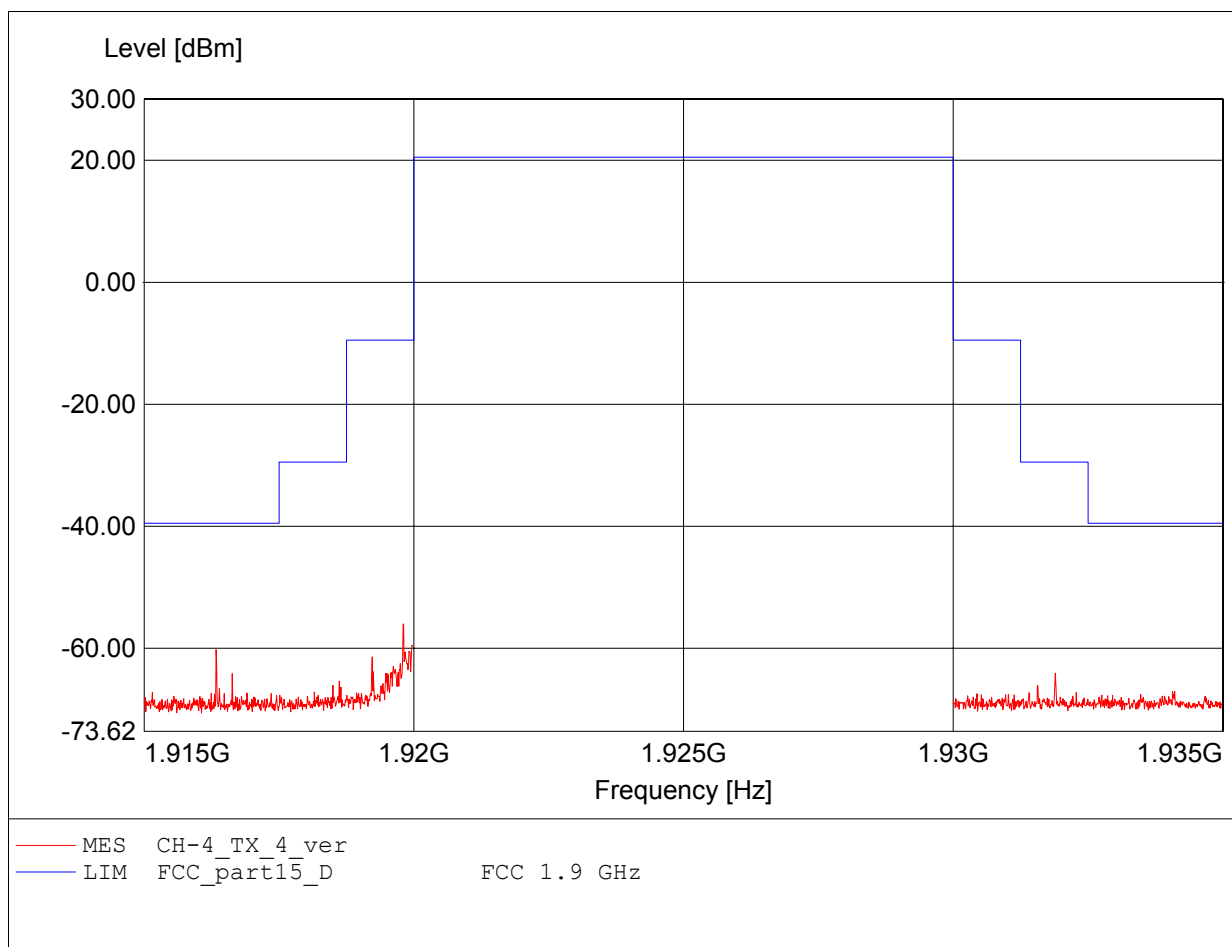
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.911GHz Pmax:-65.15dBm RBW: 100 kHz



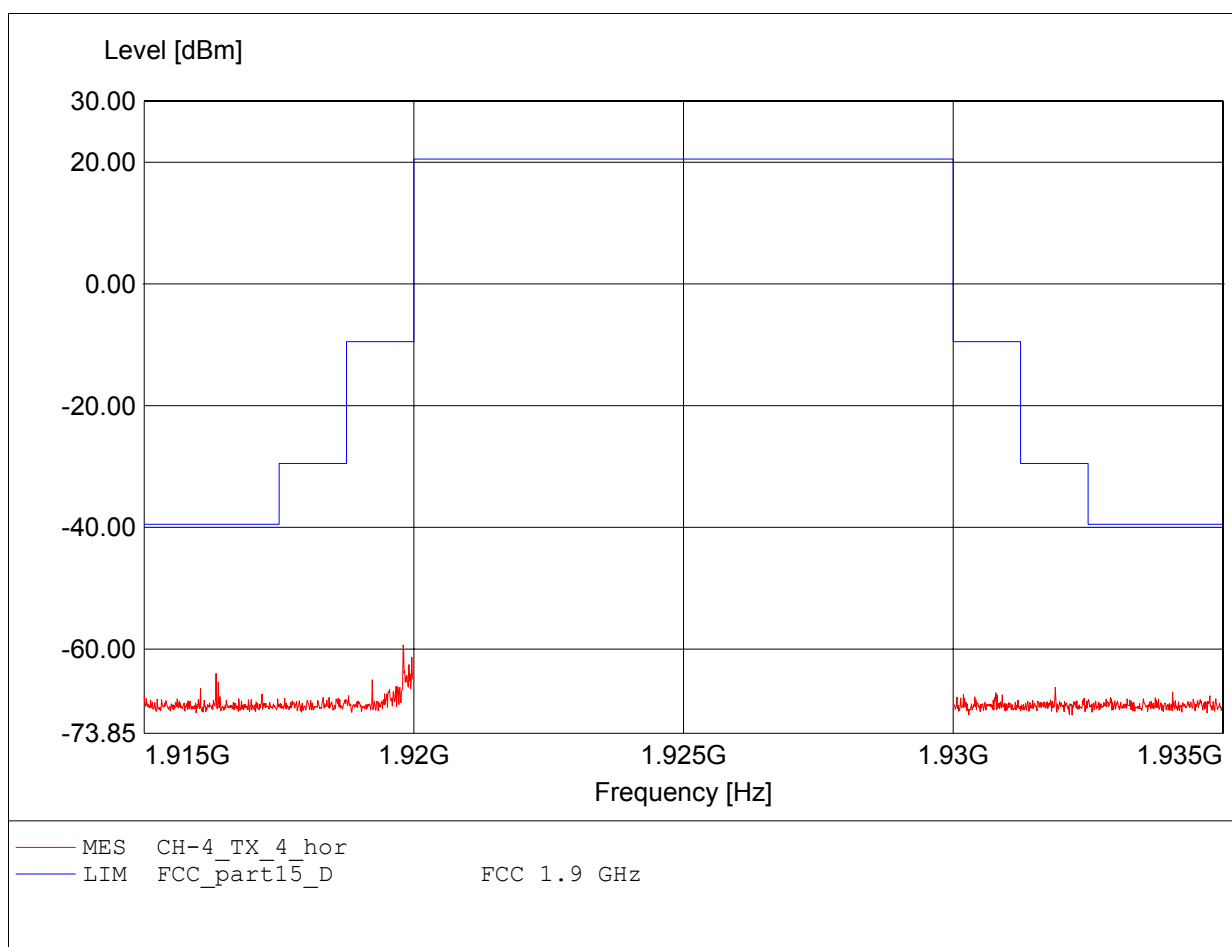
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:1.920GHz Pmax:-56.02dBm RBW: 10 kHz



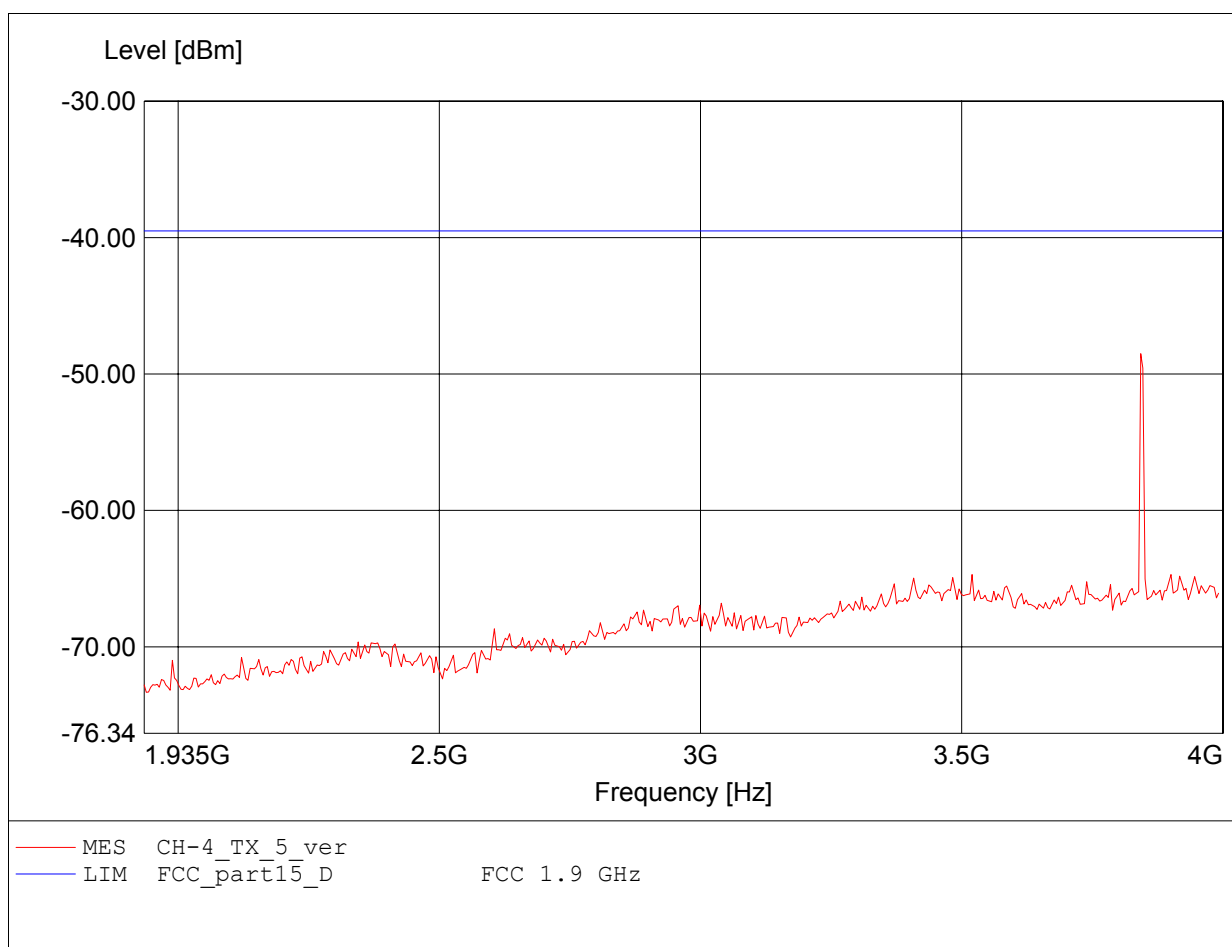
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:1.920GHz Pmax:-59.36dBm RBW: 10 kHz



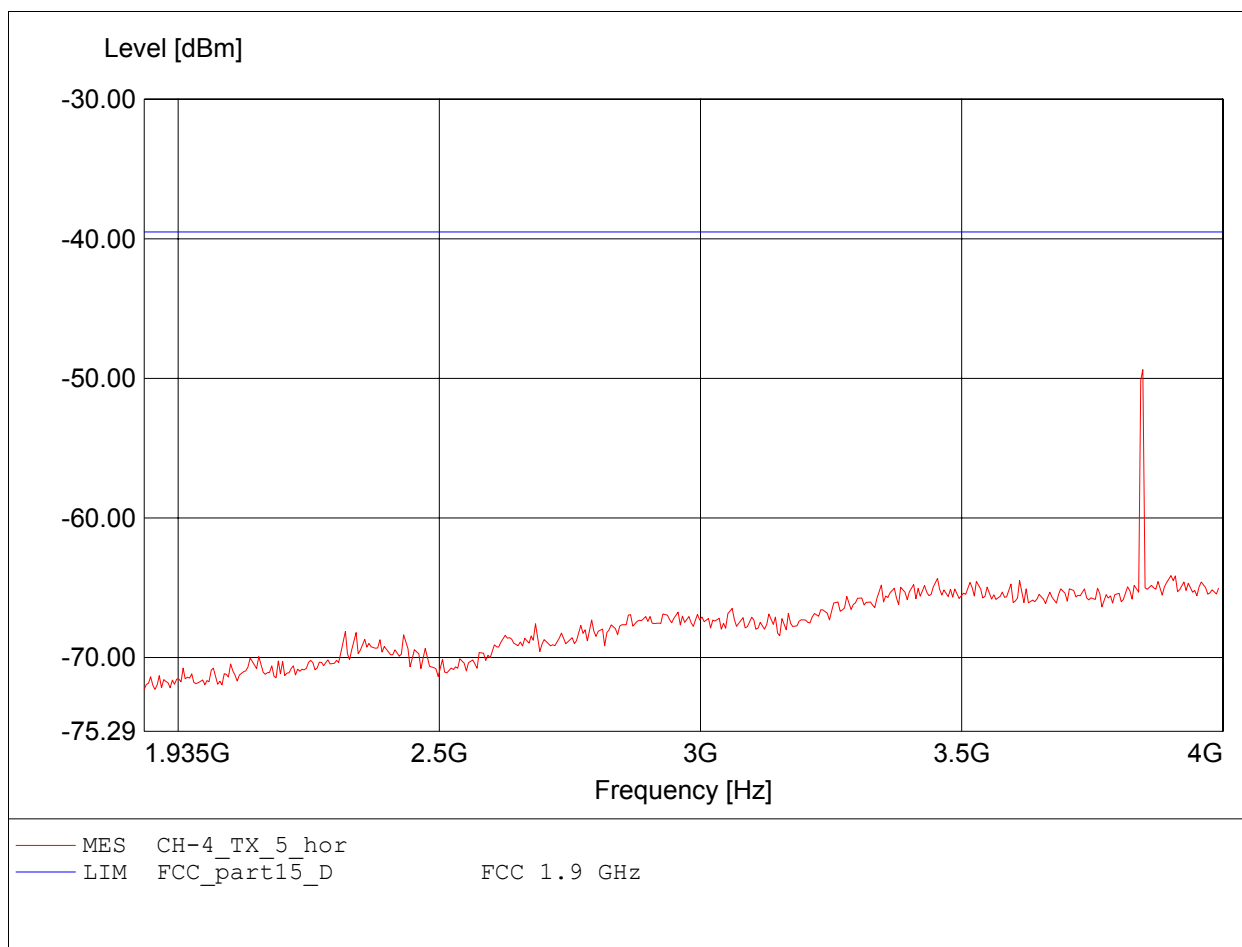
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.843GHz Pmax:-48.50dBm RBW: 100 kHz



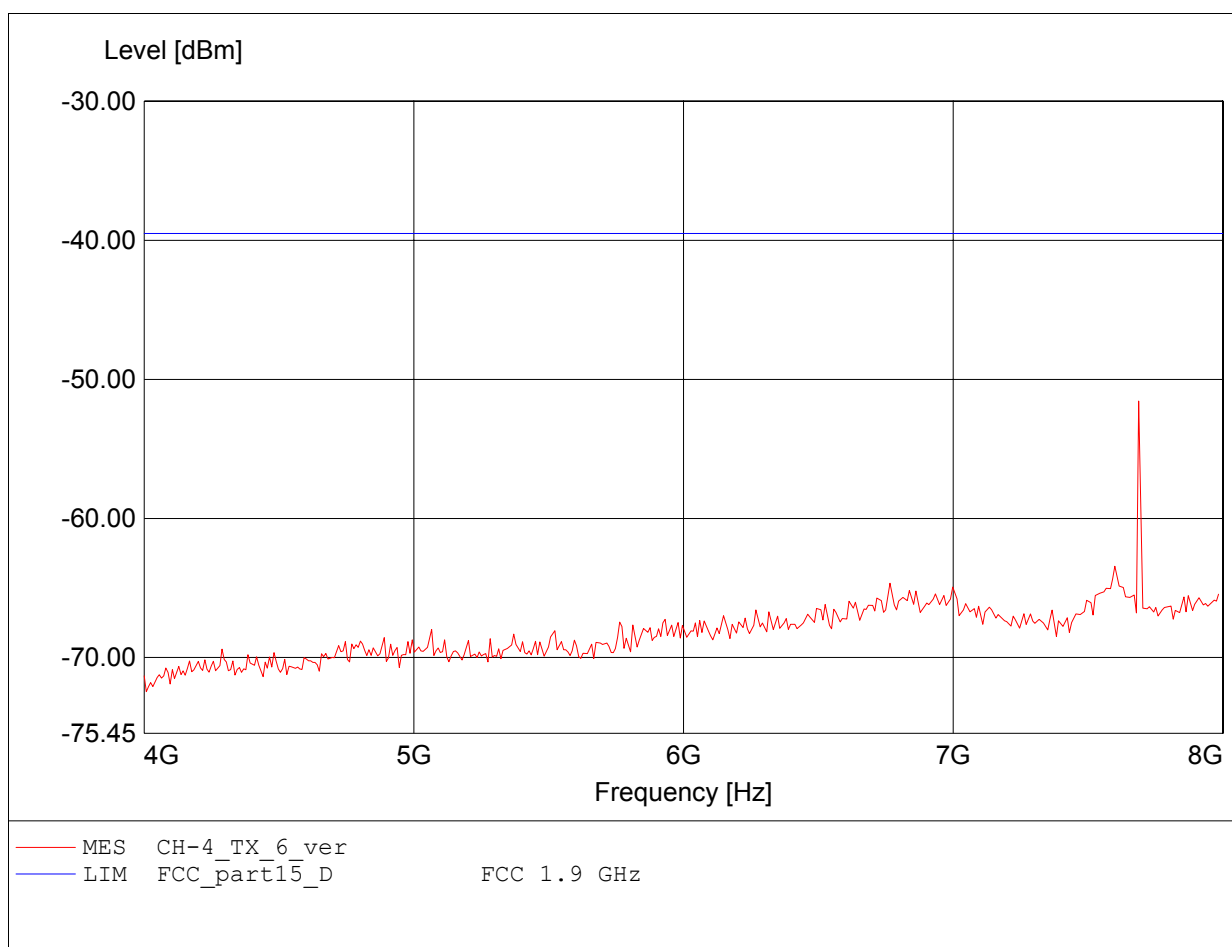
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.847GHz Pmax:-49.37dBm RBW: 100 kHz



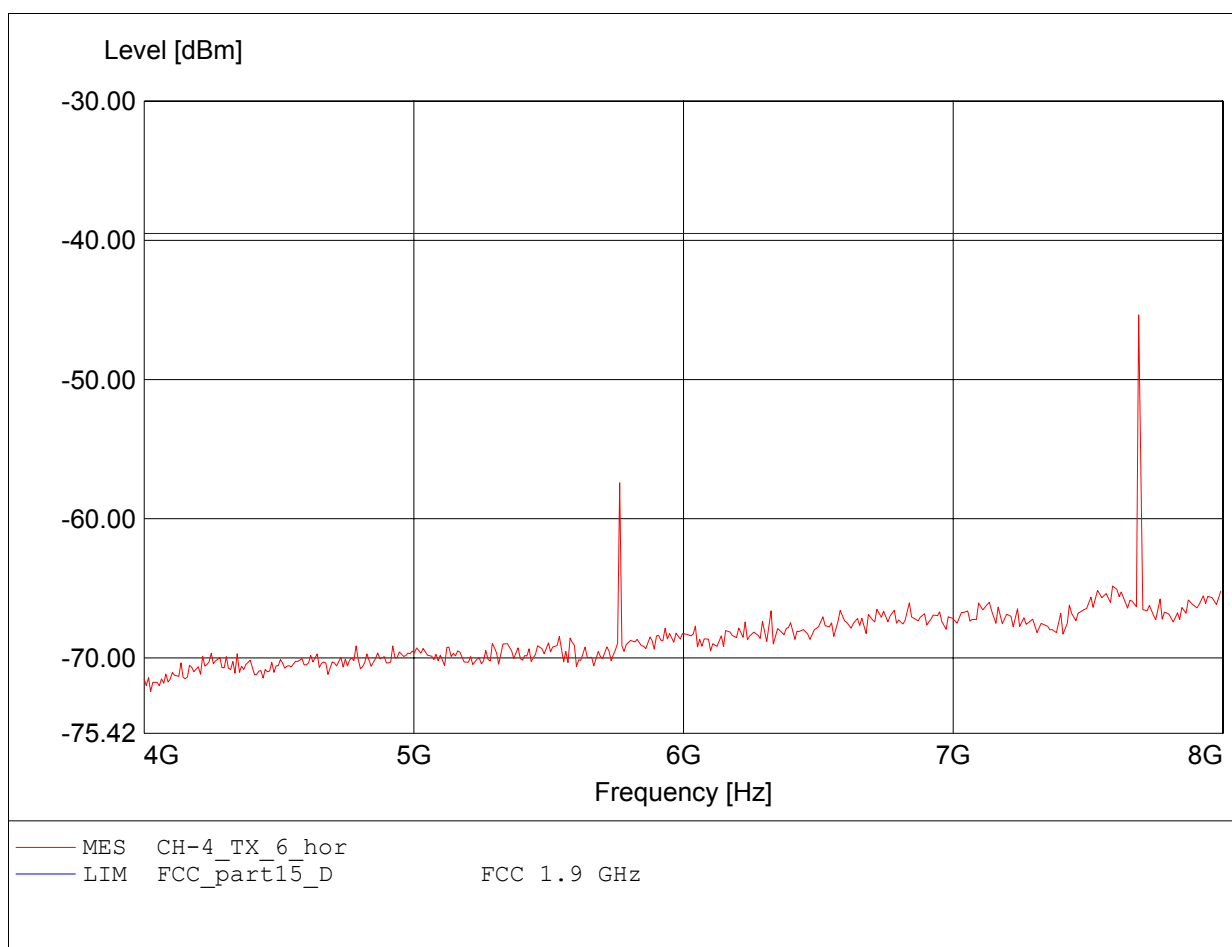
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, HP+ampl.
Comment 2: Freq:7.687GHz Pmax:-51.55dBm RBW: 100 kHz



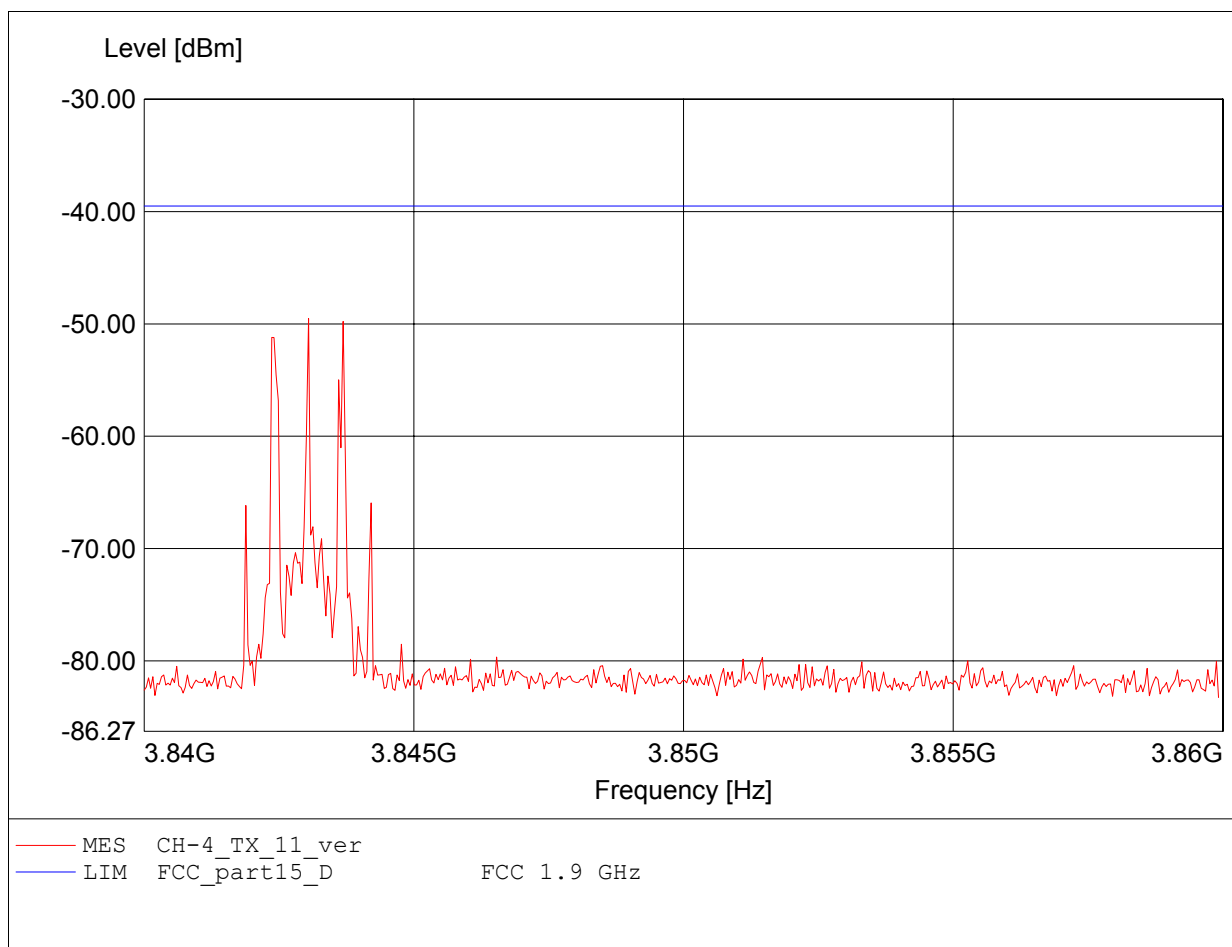
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, HP+ampl.
Comment 2: Freq:7.687GHz Pmax:-45.35dBm RBW: 100 kHz



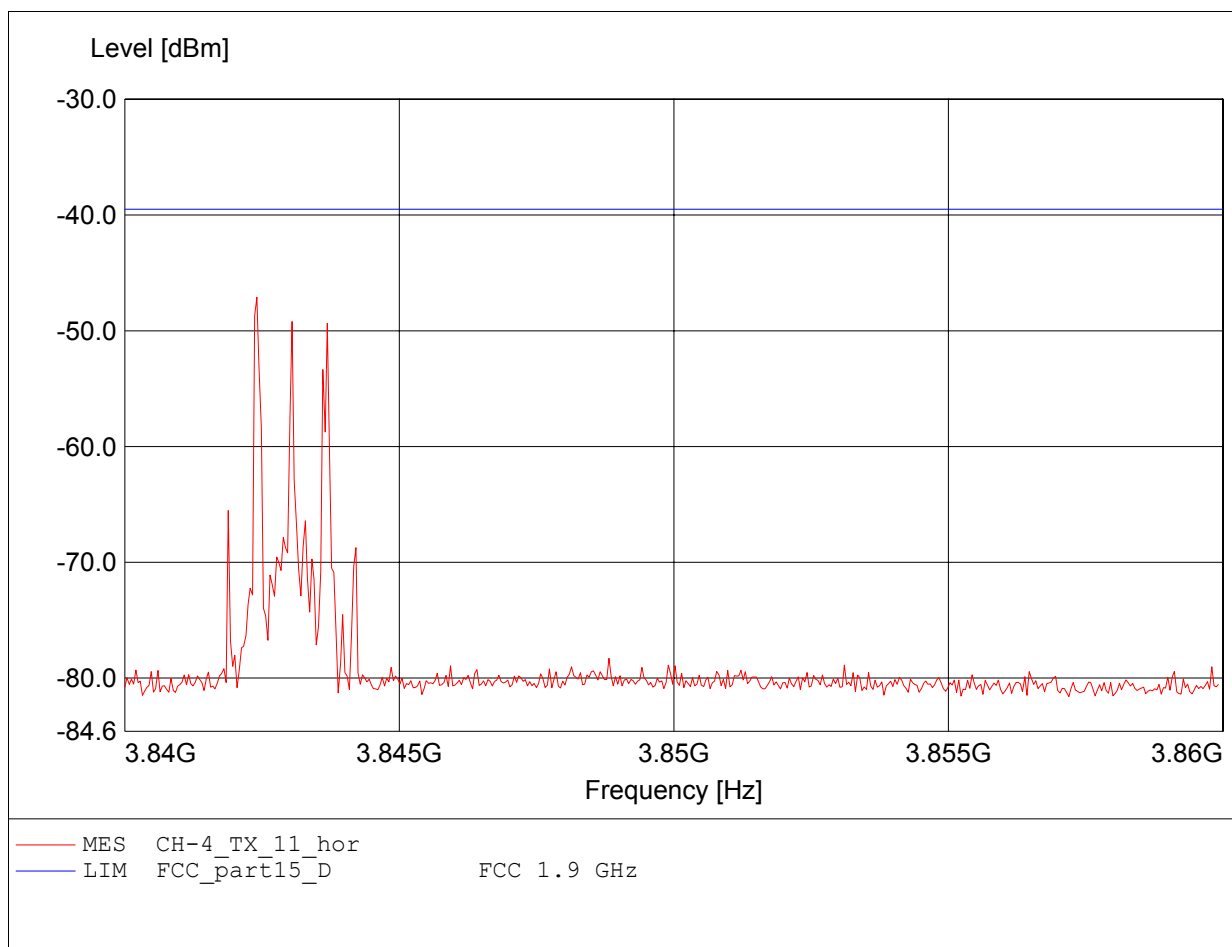
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.843GHz Pmax:-49.52dBm RBW:10 kHz



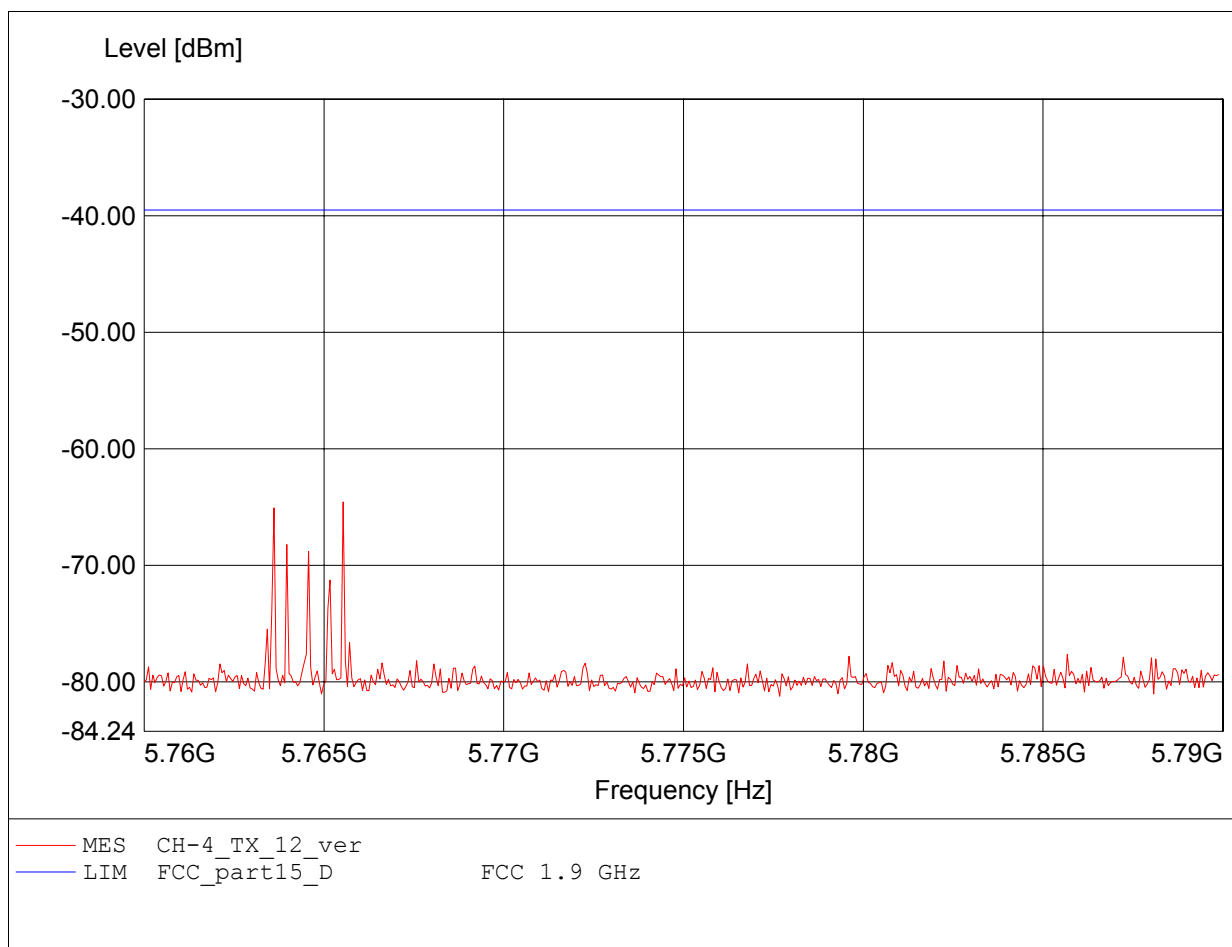
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:3.842GHz Pmax:-47.11dBm RBW:10 kHz



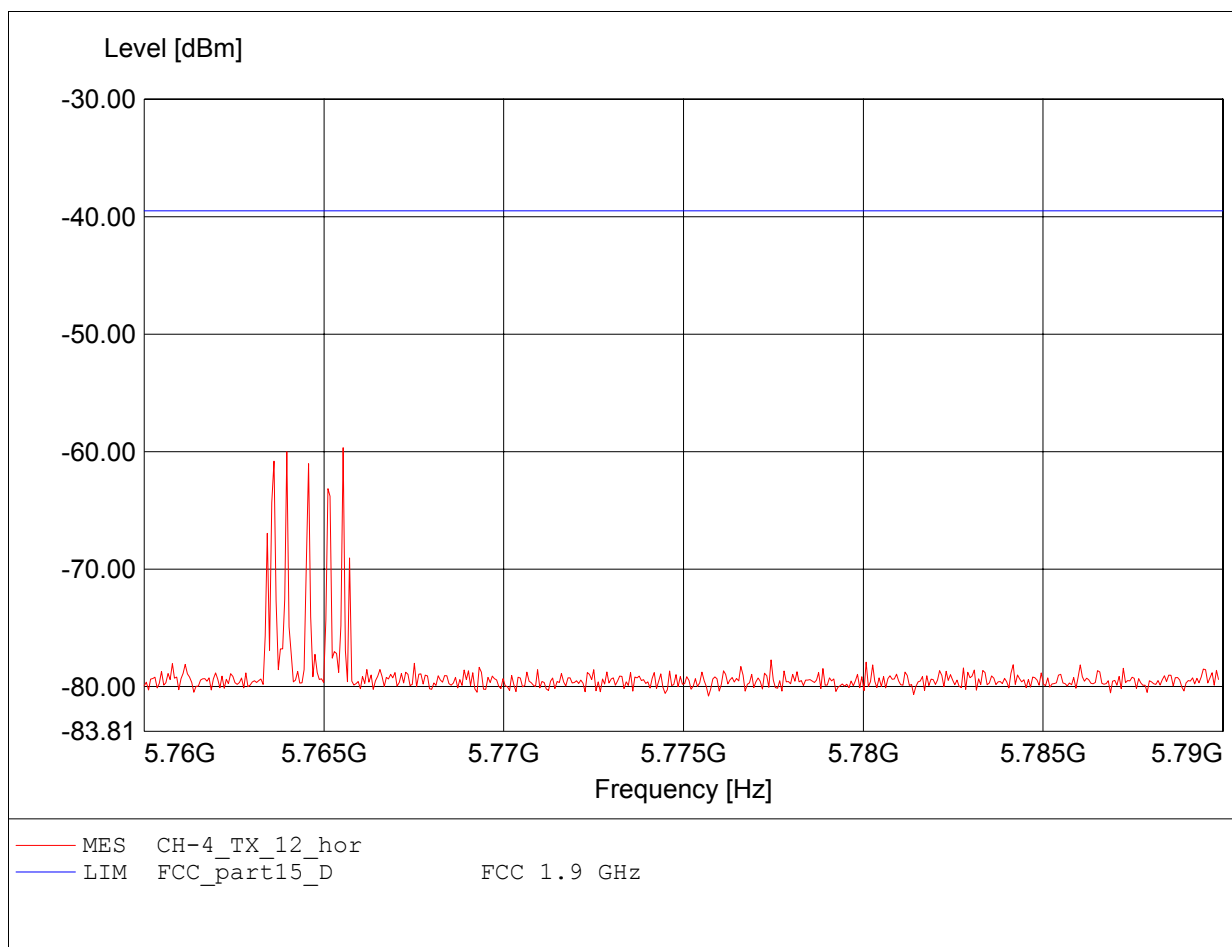
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:5.766GHz Pmax:-64.55dBm RBW:10 kHz



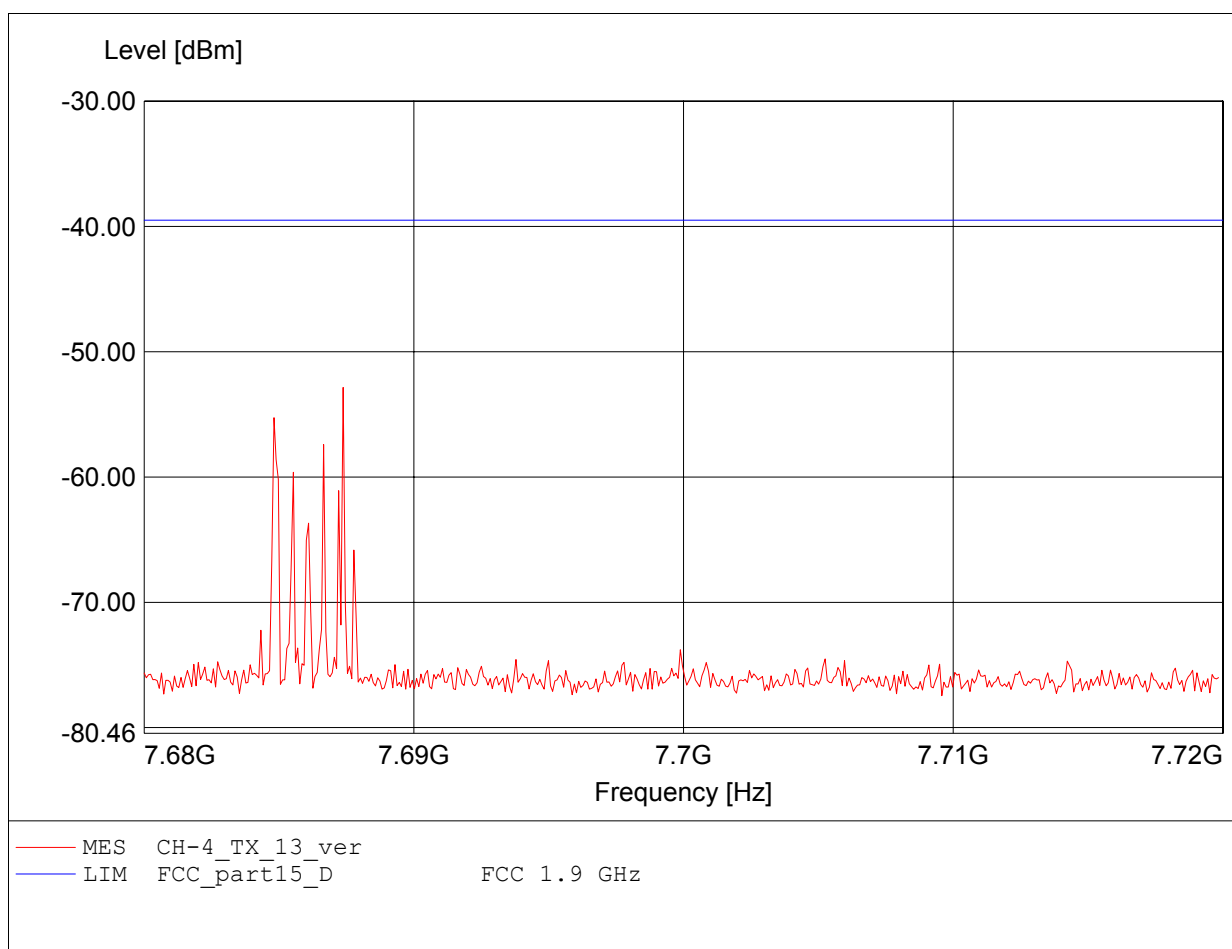
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:5.766GHz Pmax:-59.67dBm RBW:10 kHz



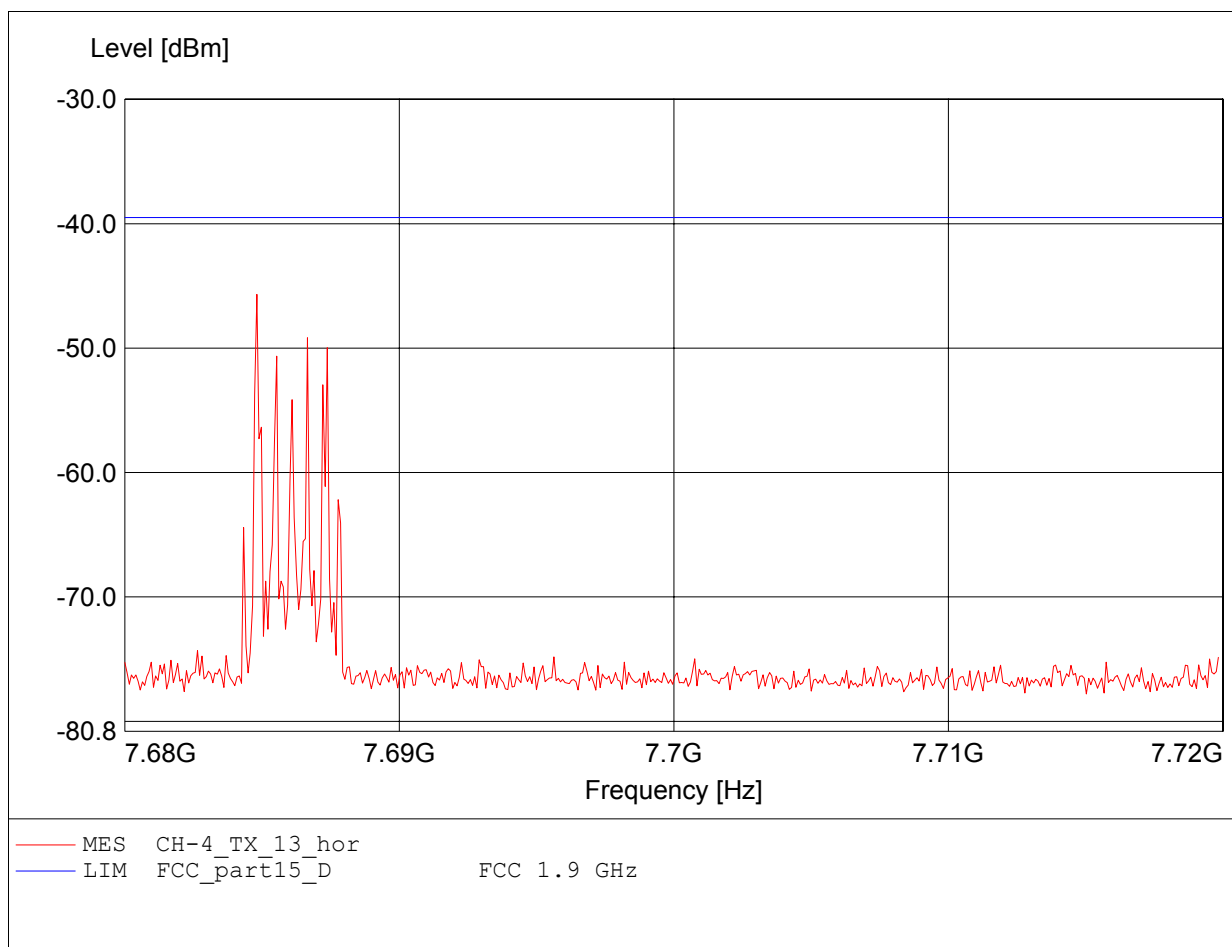
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.687GHz Pmax:-52.85dBm RBW:10 kHz



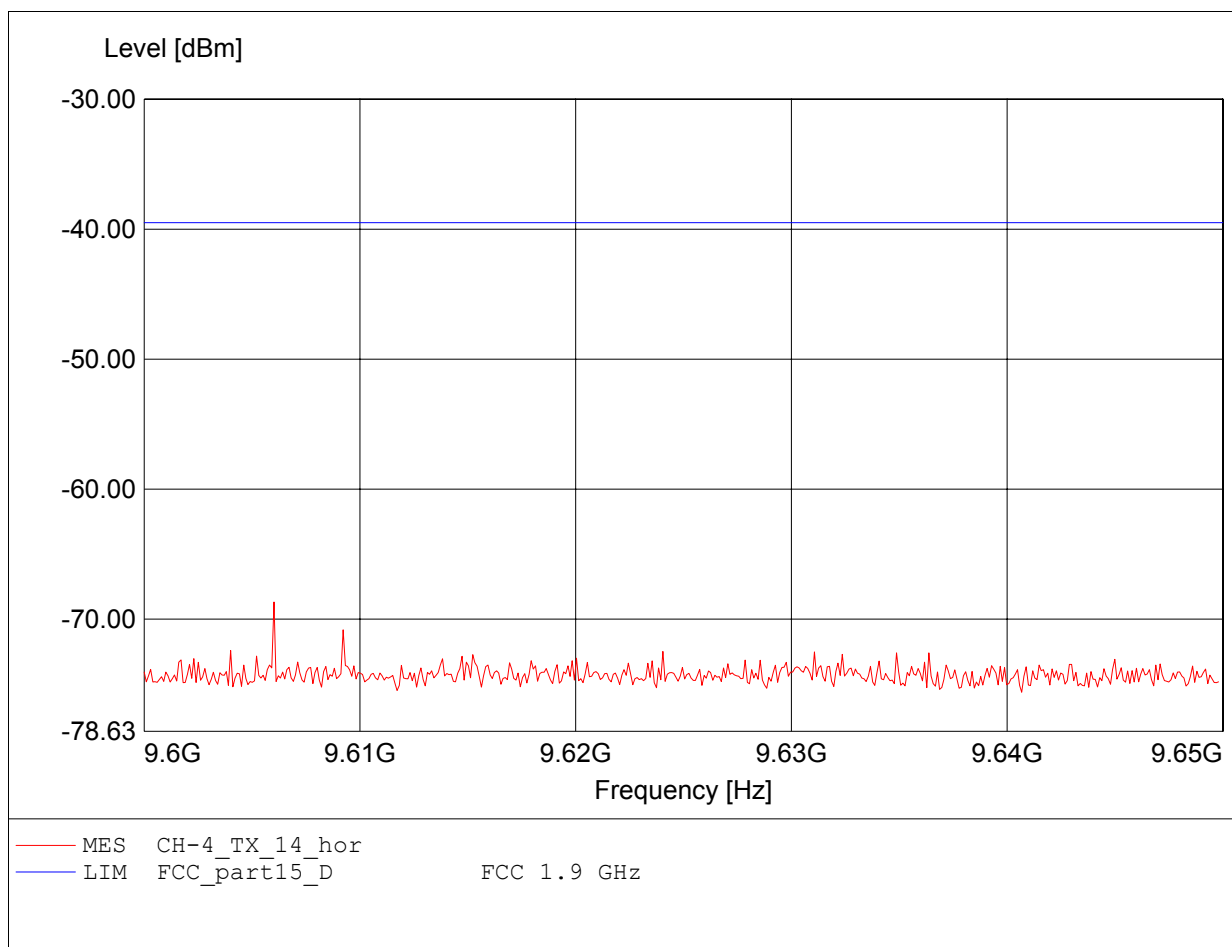
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:7.685GHz Pmax:-45.69dBm RBW:10 kHz



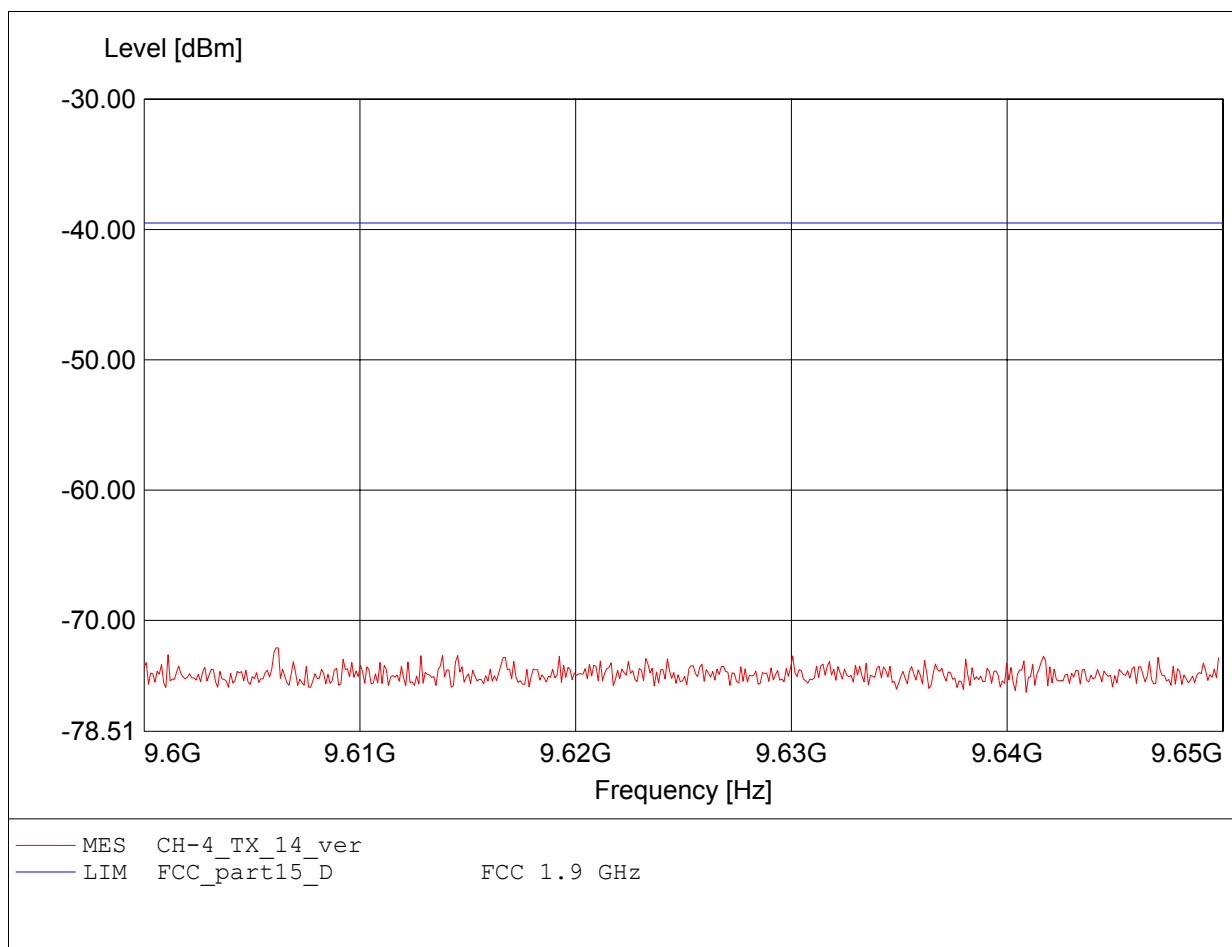
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:9.606GHz Pmax:-68.67dBm RBW:10 kHz



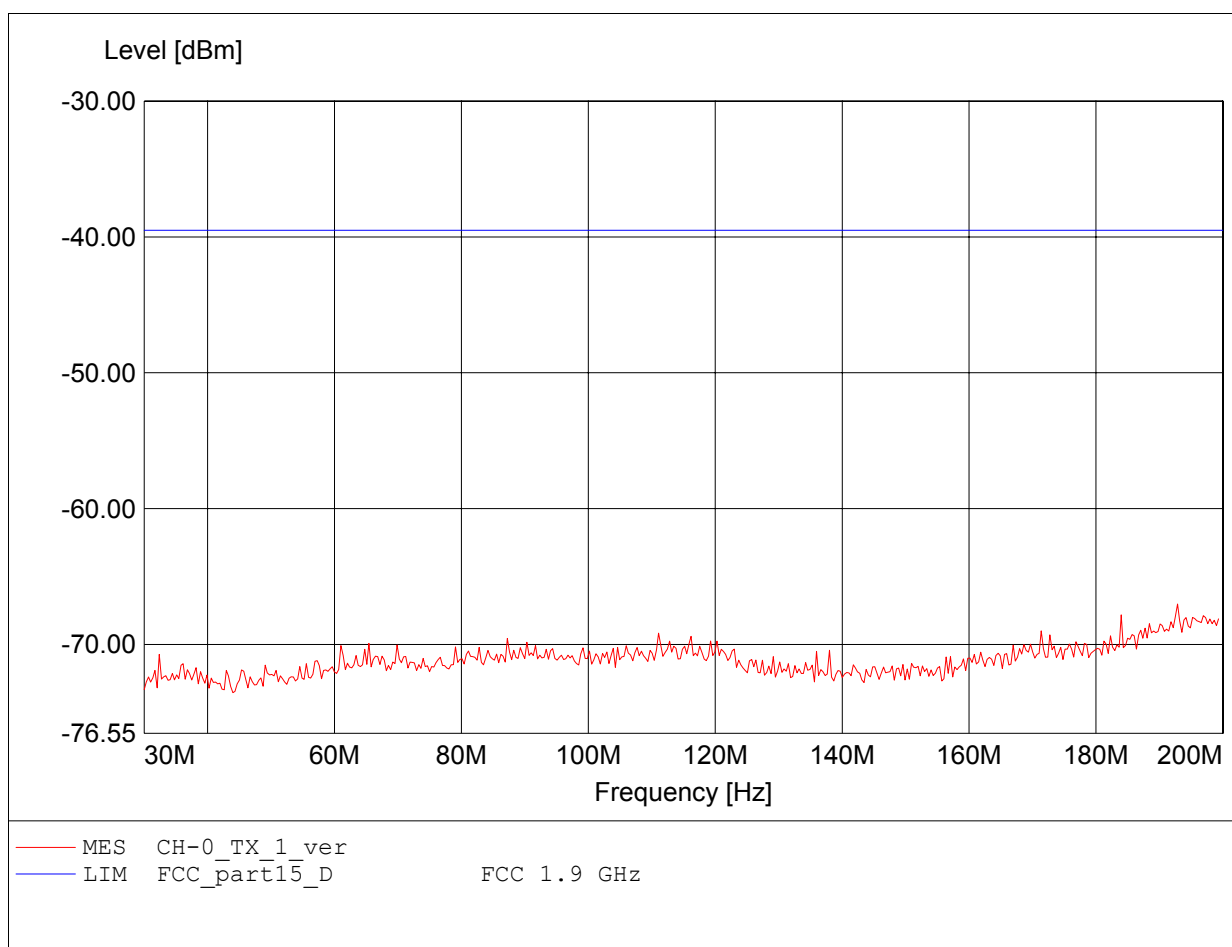
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:9.606GHz Pmax:-72.10dBm RBW:10 kHz



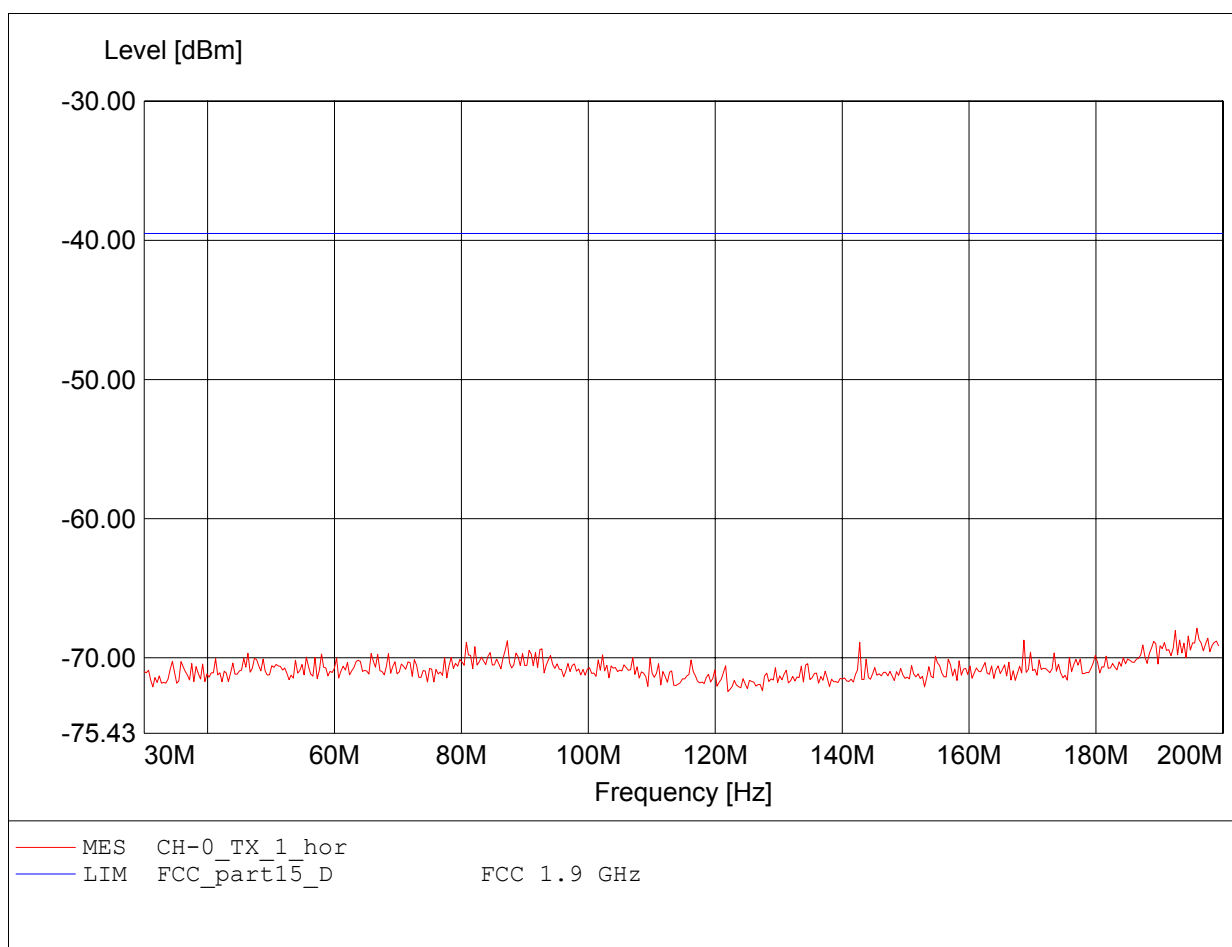
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:192.846MHz Pmax:-67.03dBm RBW: 100 kHz



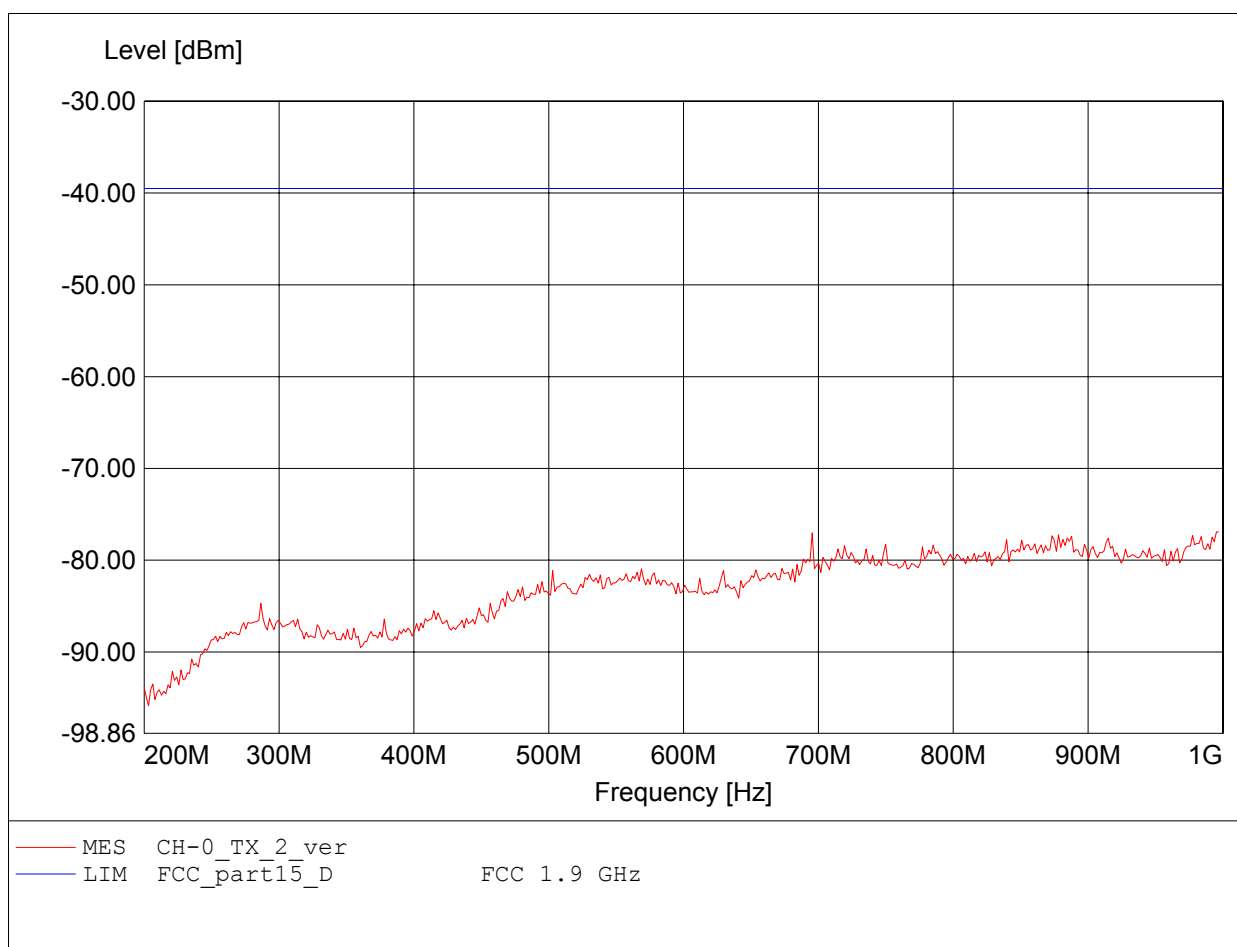
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 3m, Ant.: HK 116,
Comment 2: Freq:195.912MHz Pmax:-67.88dBm RBW: 100 kHz



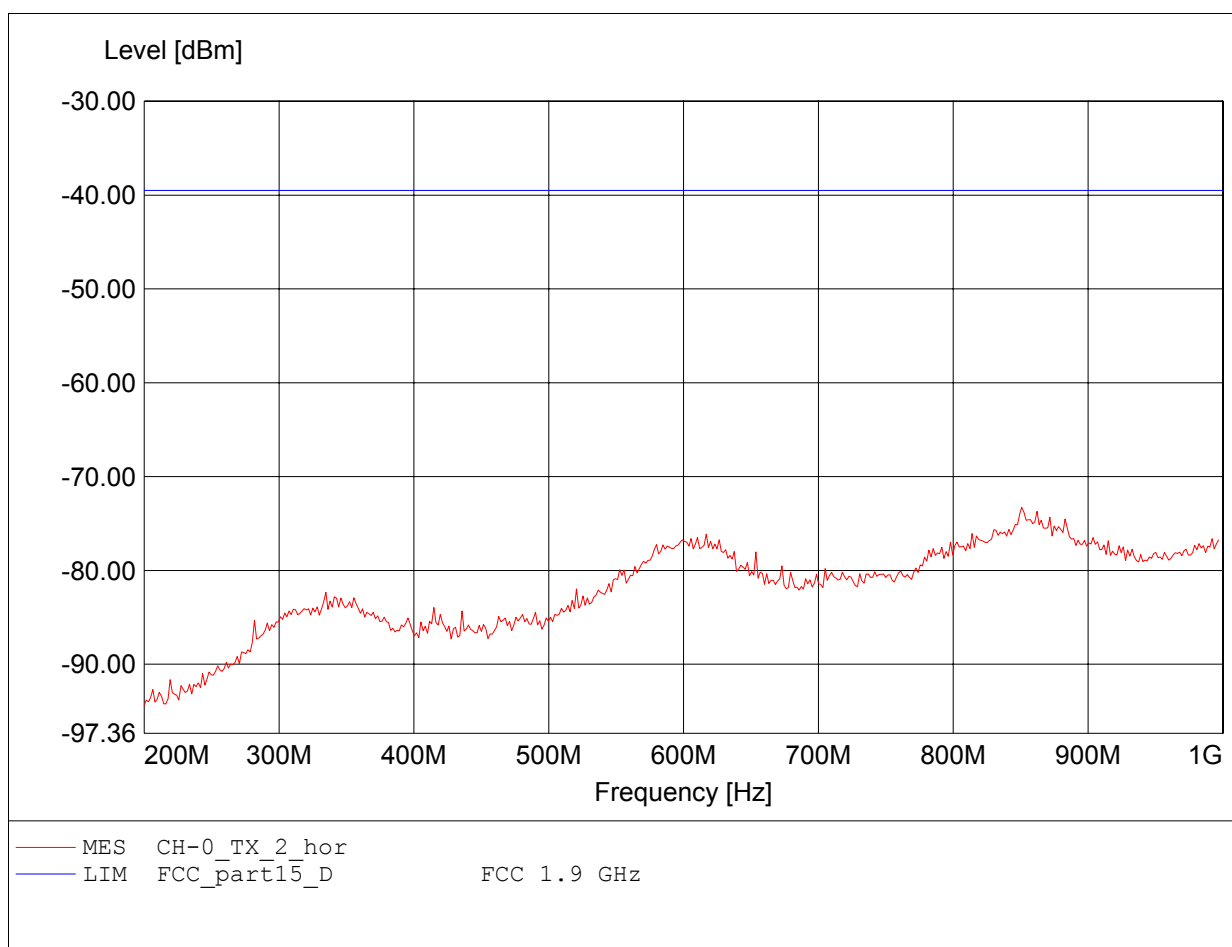
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:996.794MHz Pmax:-76.92dBm RBW: 100 kHz



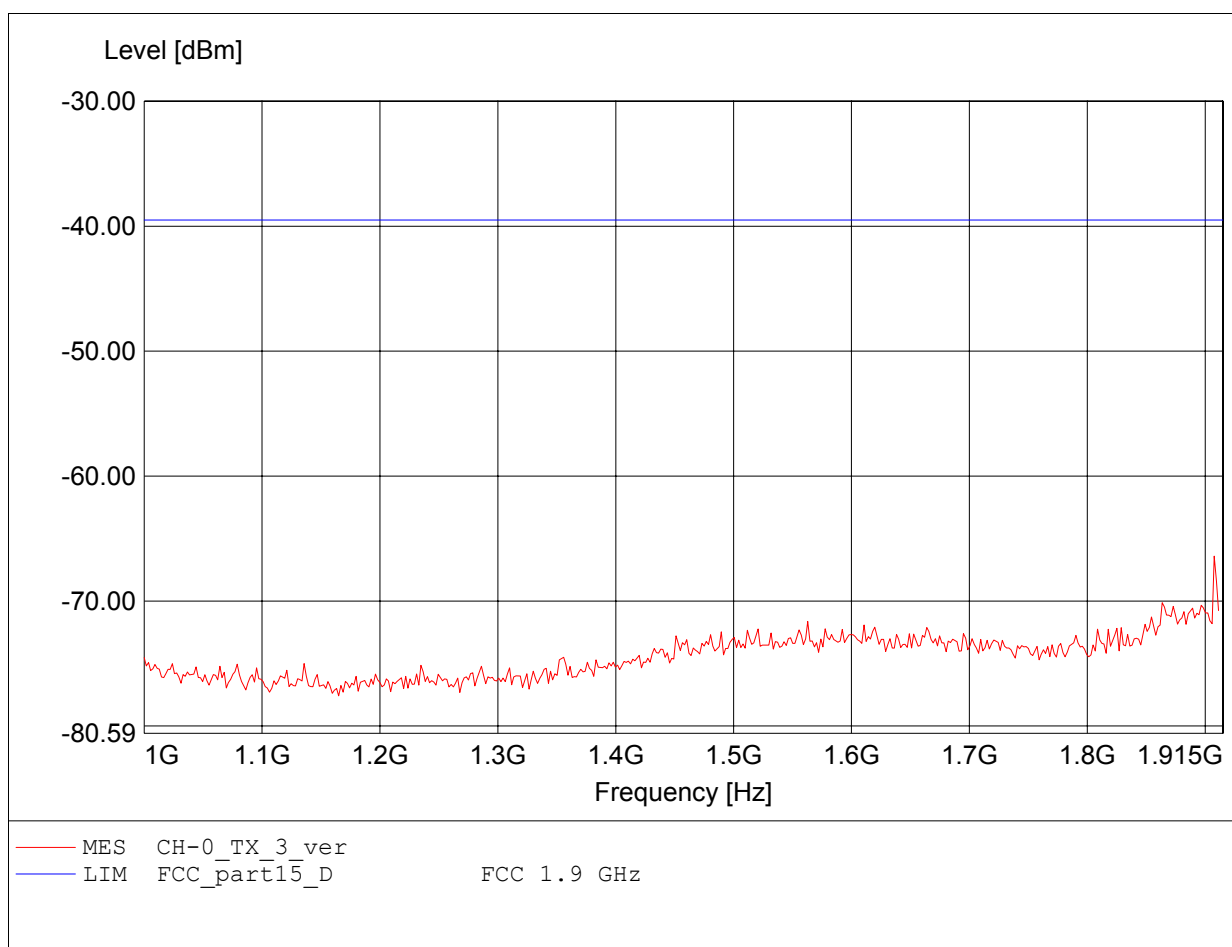
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
 Comment 2: Freq:850.902MHz Pmax:-73.29dBm RBW: 100 kHz



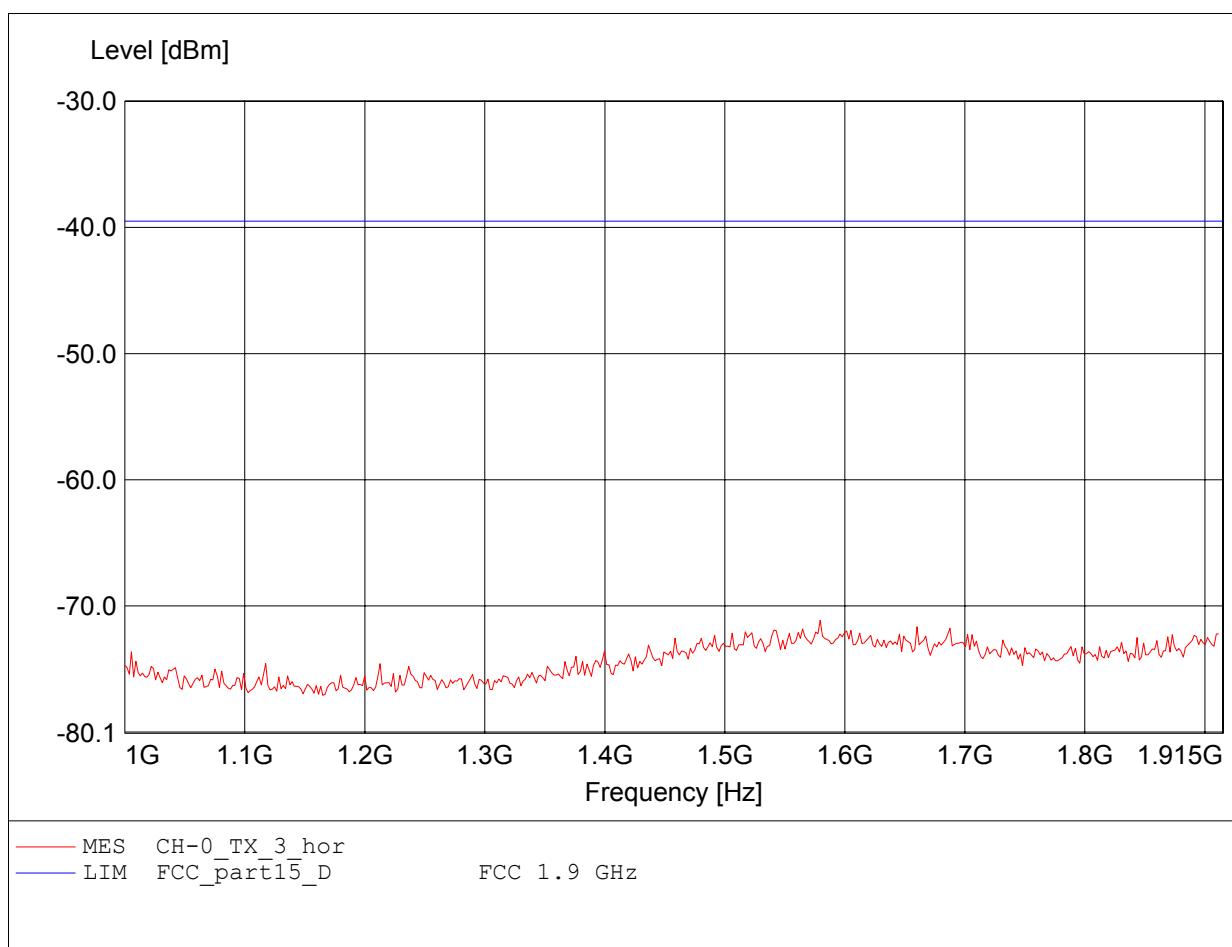
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.908GHz Pmax:-66.41dBm RBW: 100 kHz



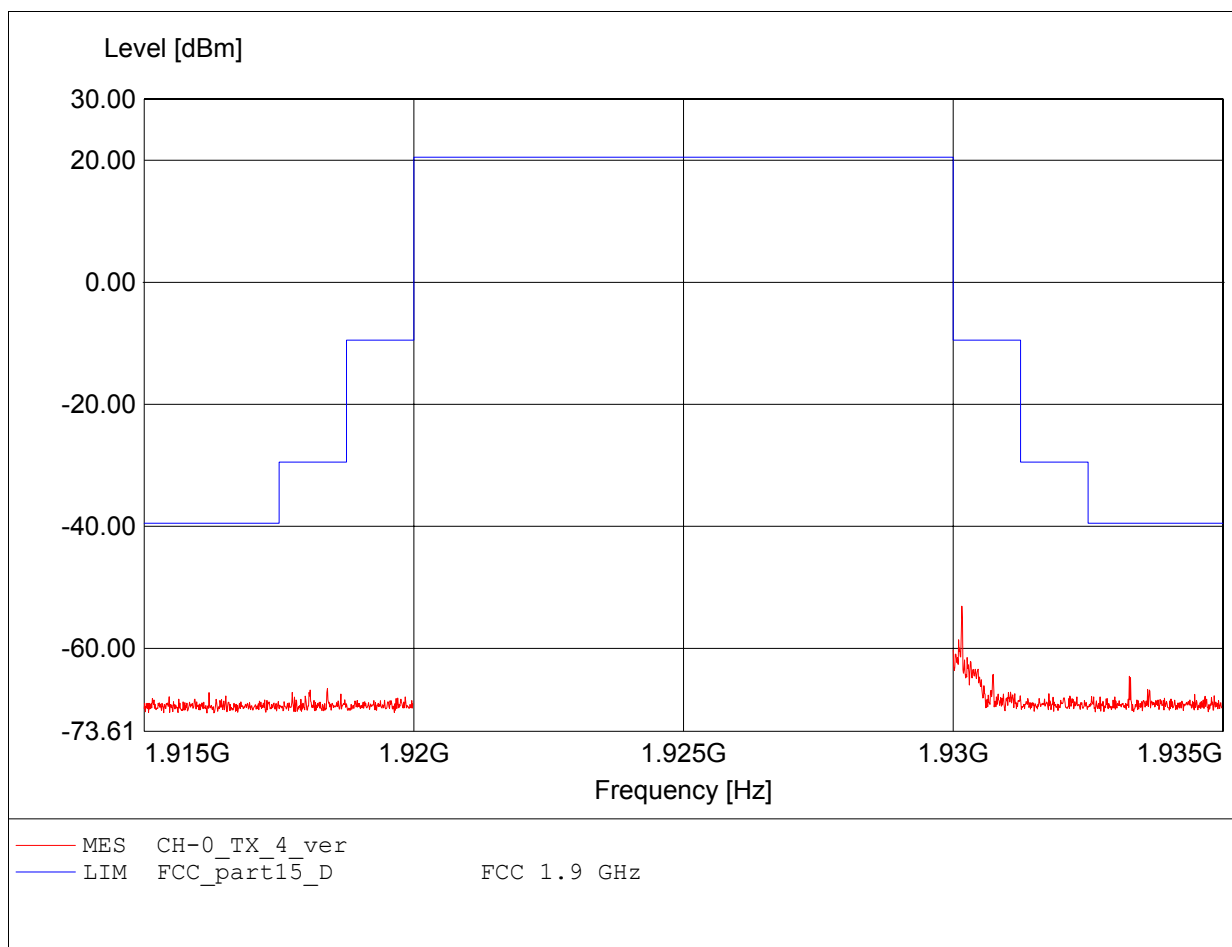
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / GOM-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:1.579GHz Pmax:-71.15dBm RBW: 100 kHz



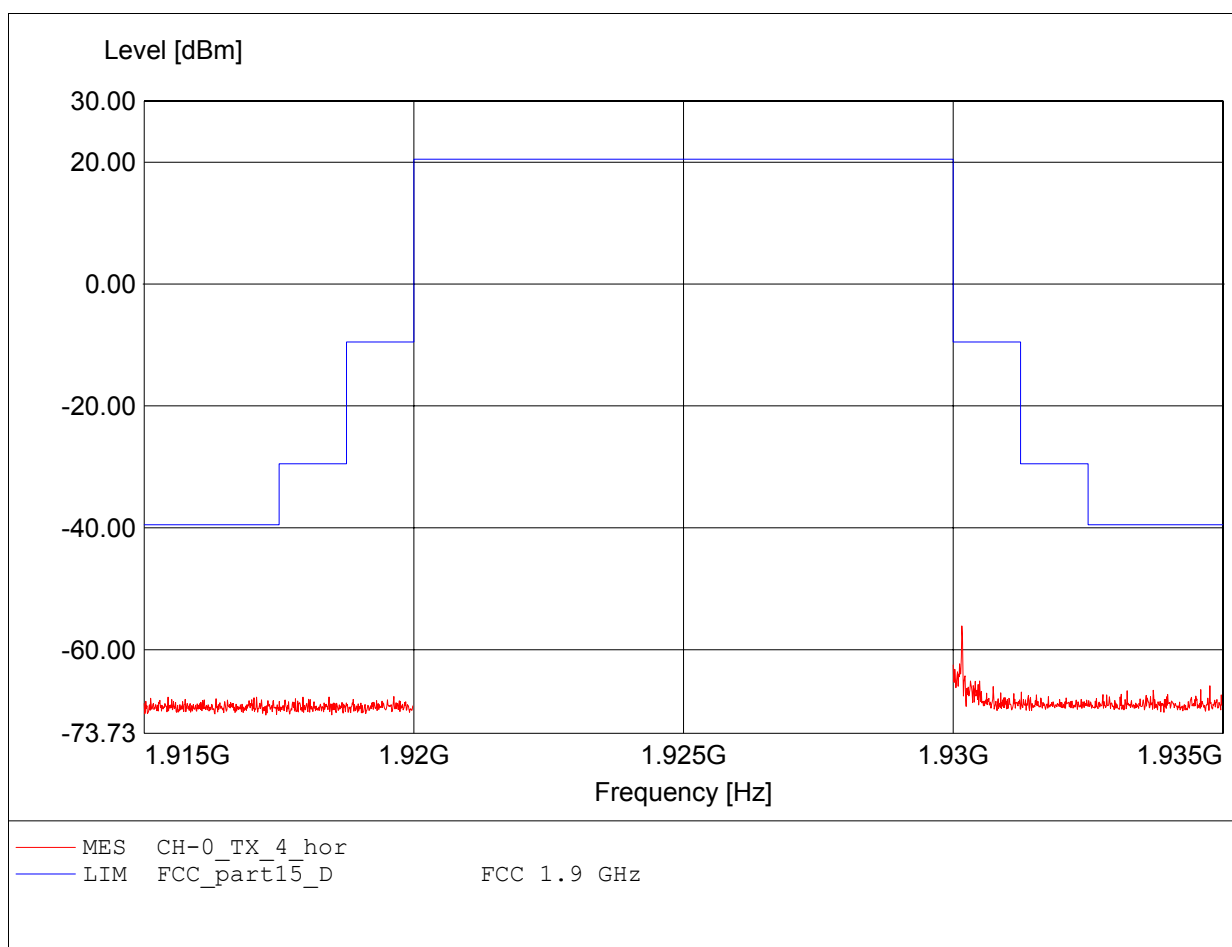
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:1.930GHz Pmax:-53.11dBm RBW: 10 kHz



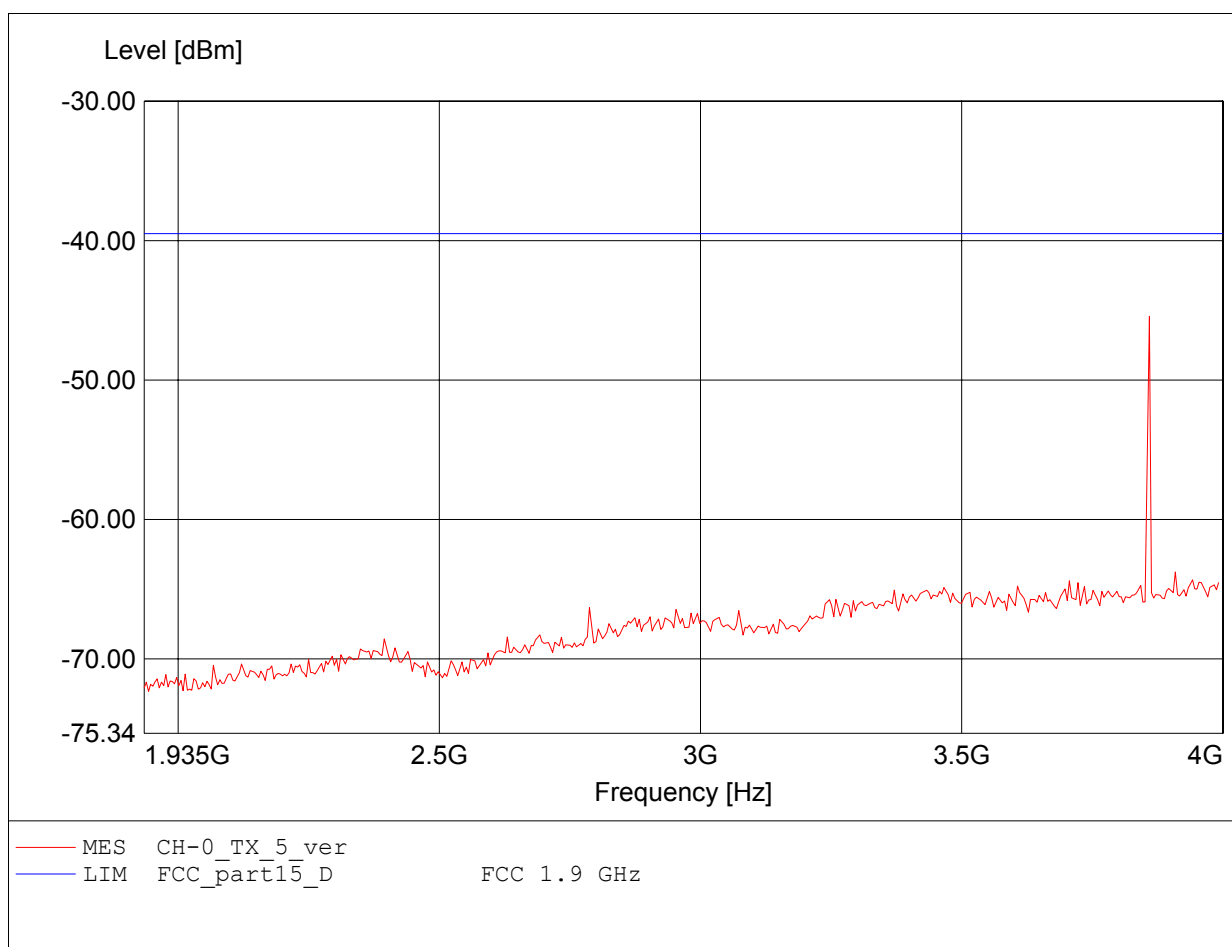
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:1.930GHz Pmax:-56.10dBm RBW: 10 kHz



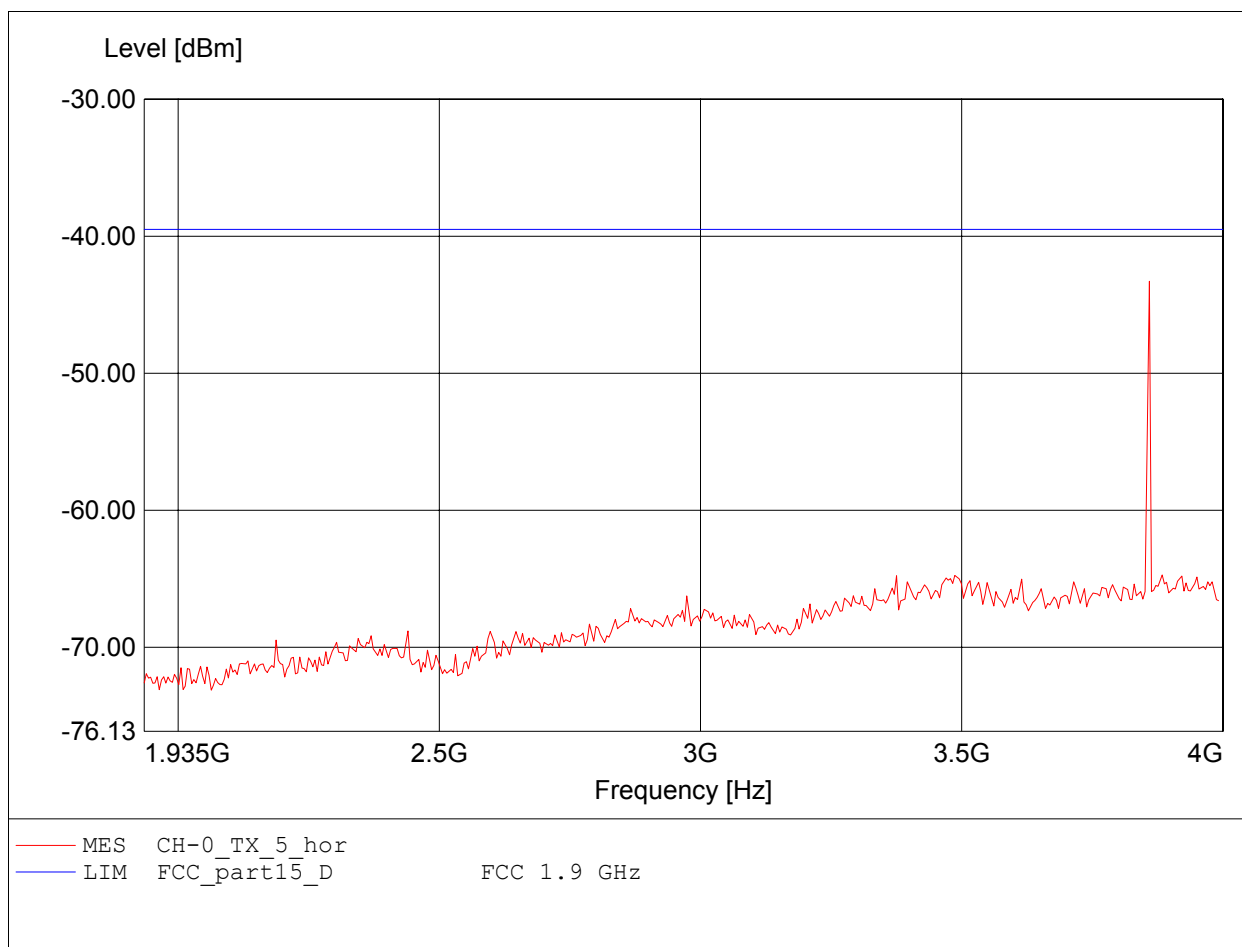
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.859GHz Pmax:-45.42dBm RBW: 100 kHz



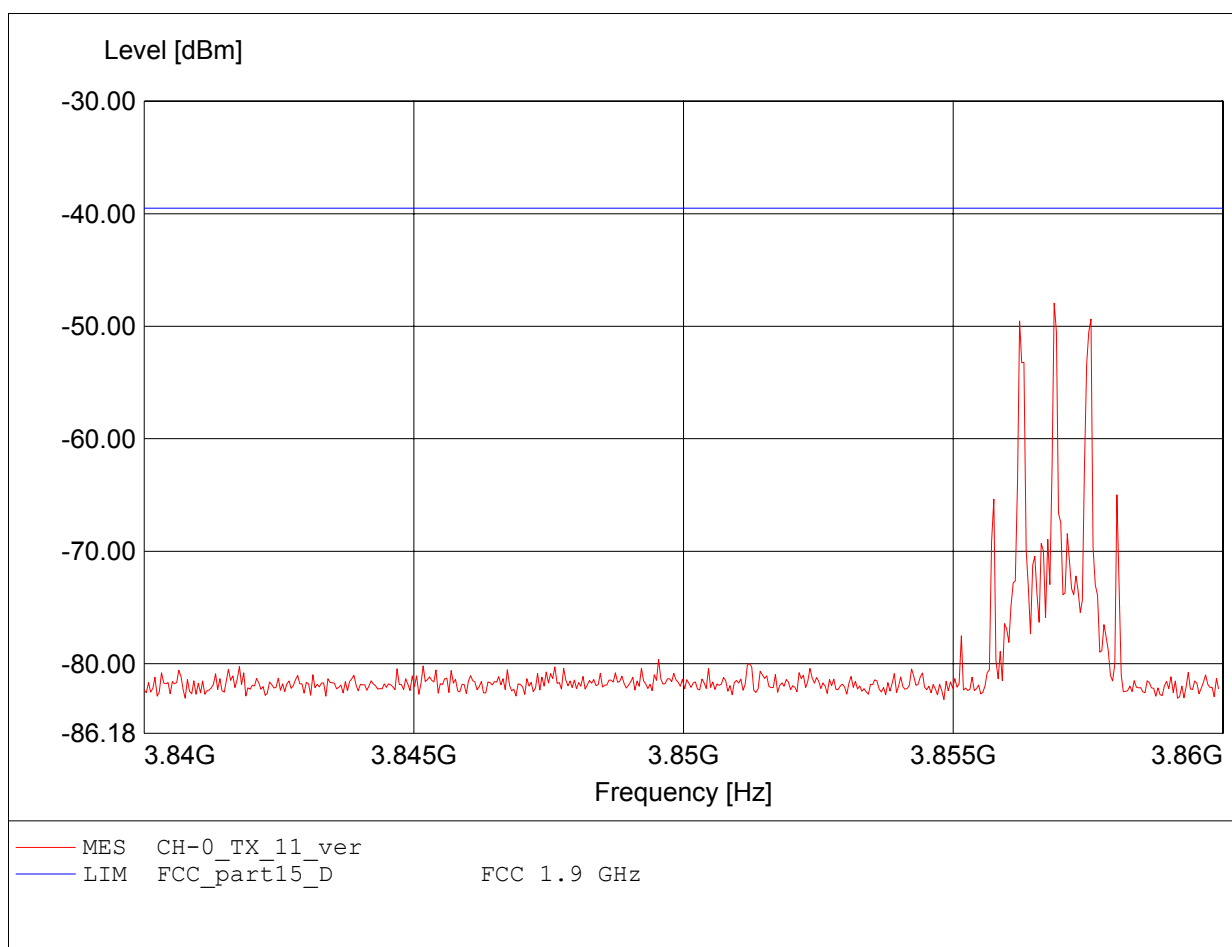
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.859GHz Pmax:-43.28dBm RBW: 100 kHz



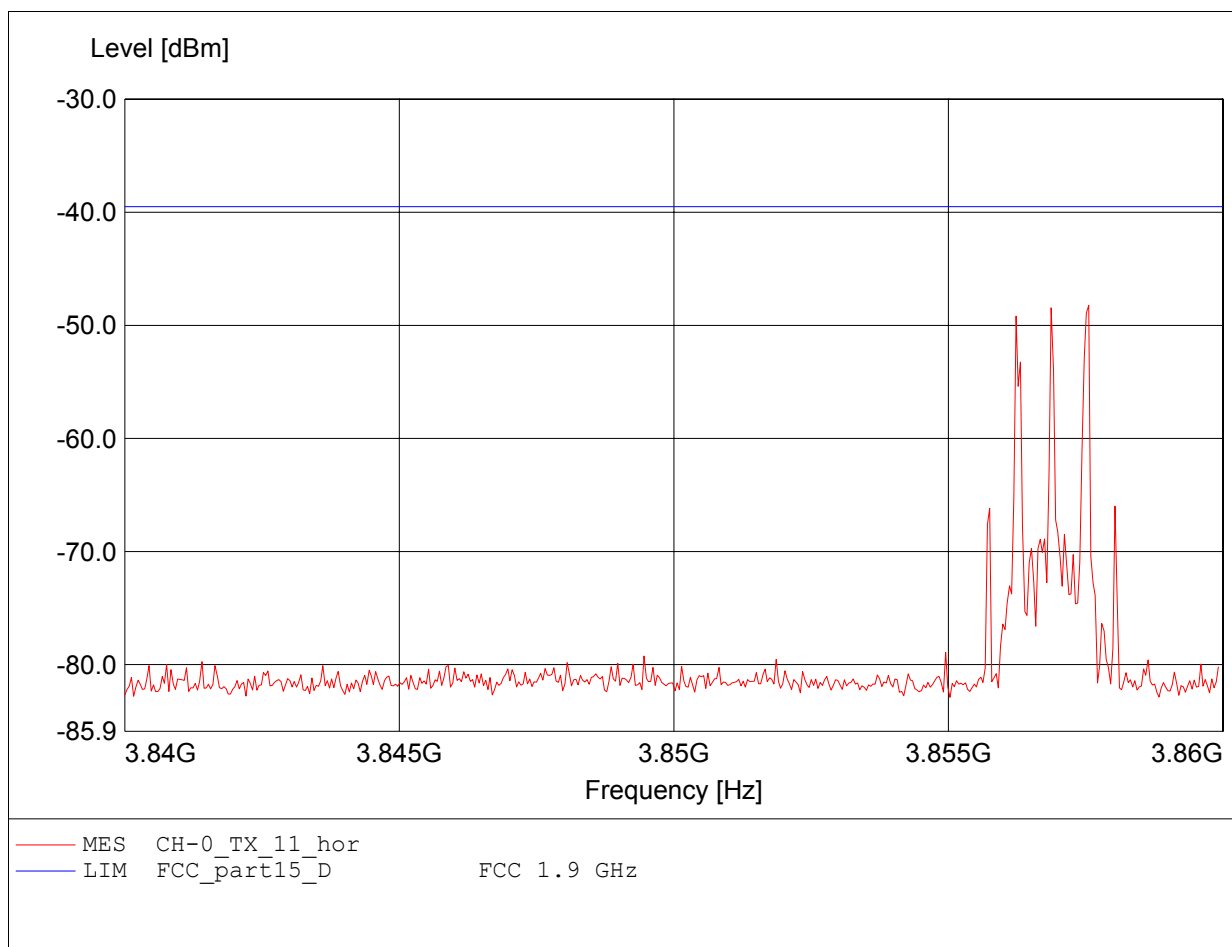
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.857GHz Pmax:-47.95dBm RBW:10 kHz



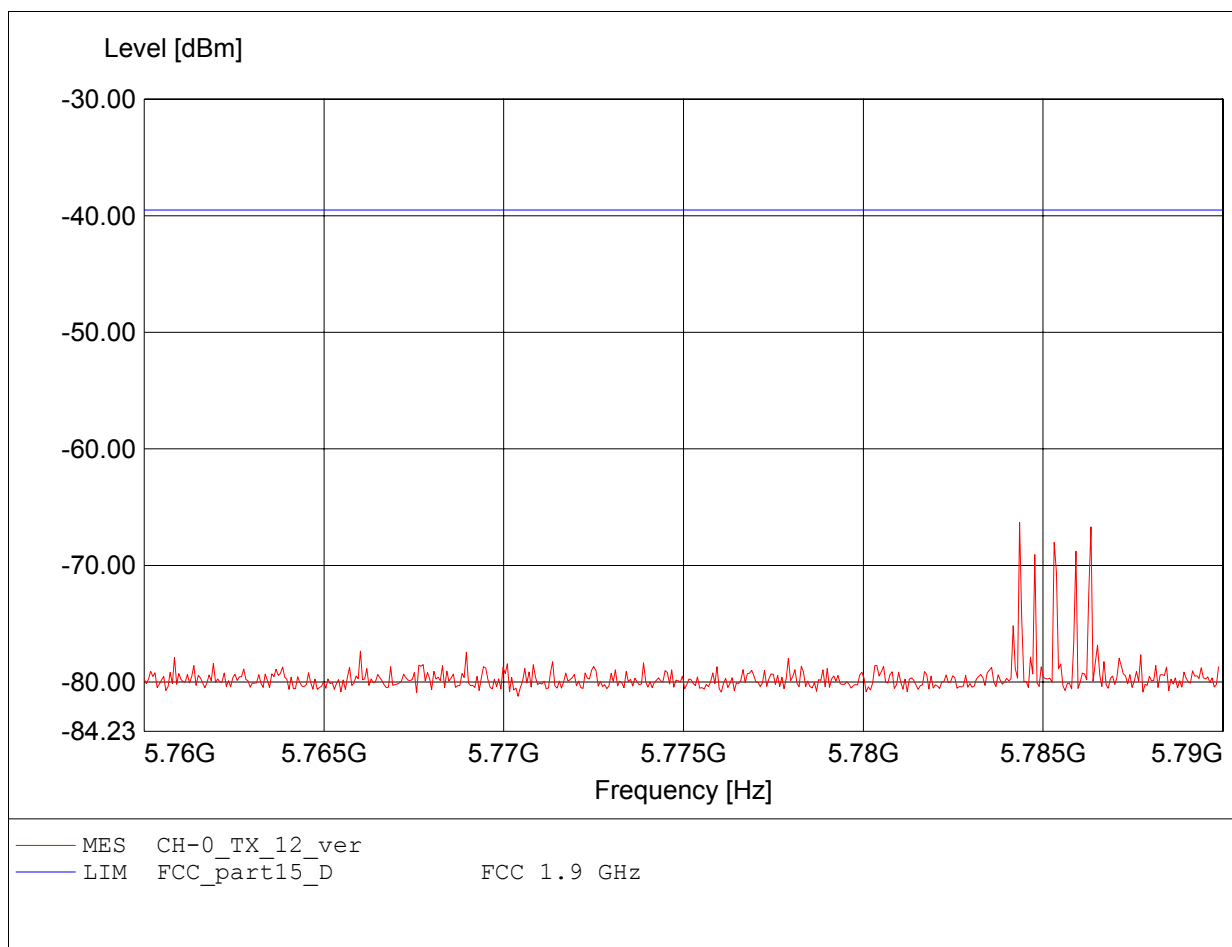
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:3.858GHz Pmax:-48.22dBm RBW:10 kHz



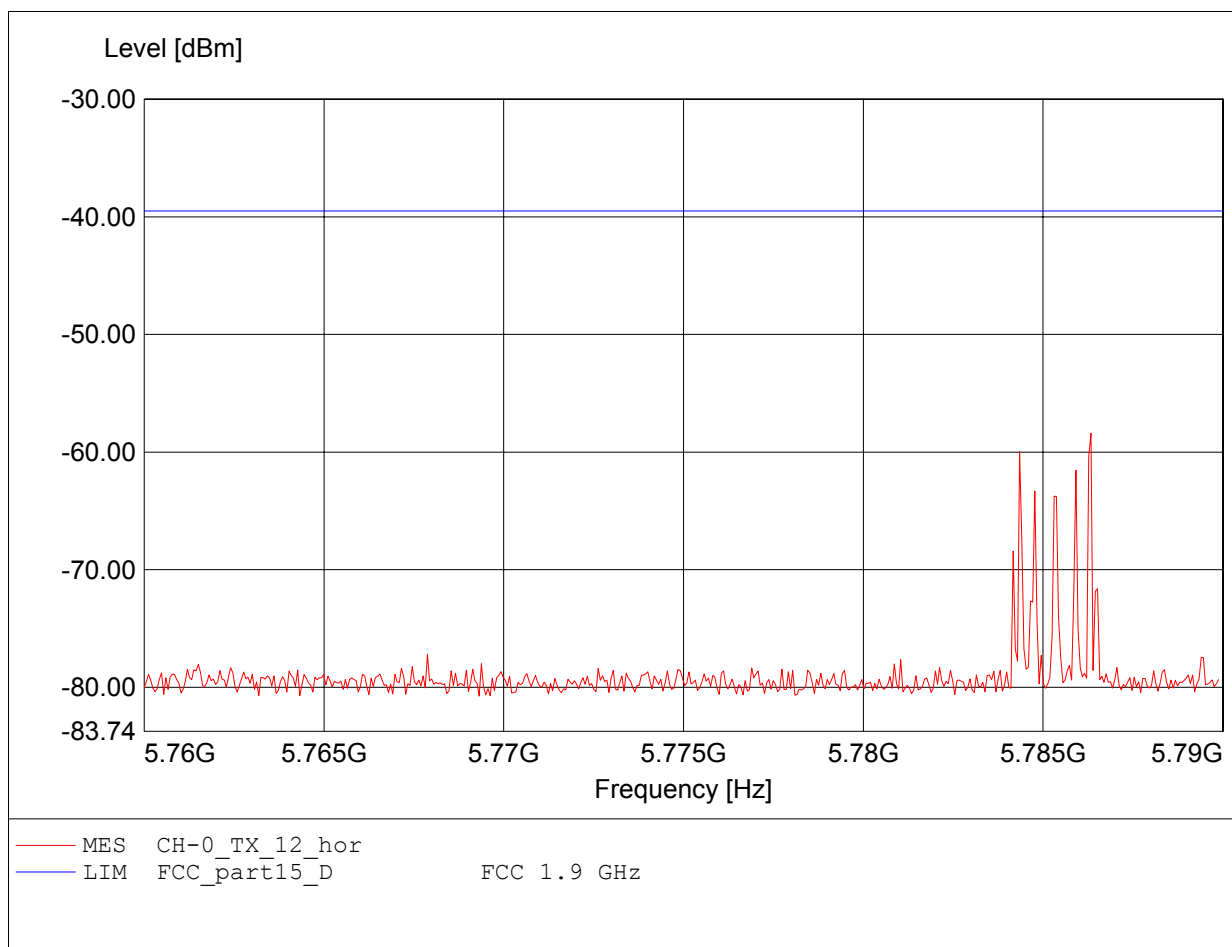
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.784GHz Pmax:-66.33dBm RBW:10 kHz



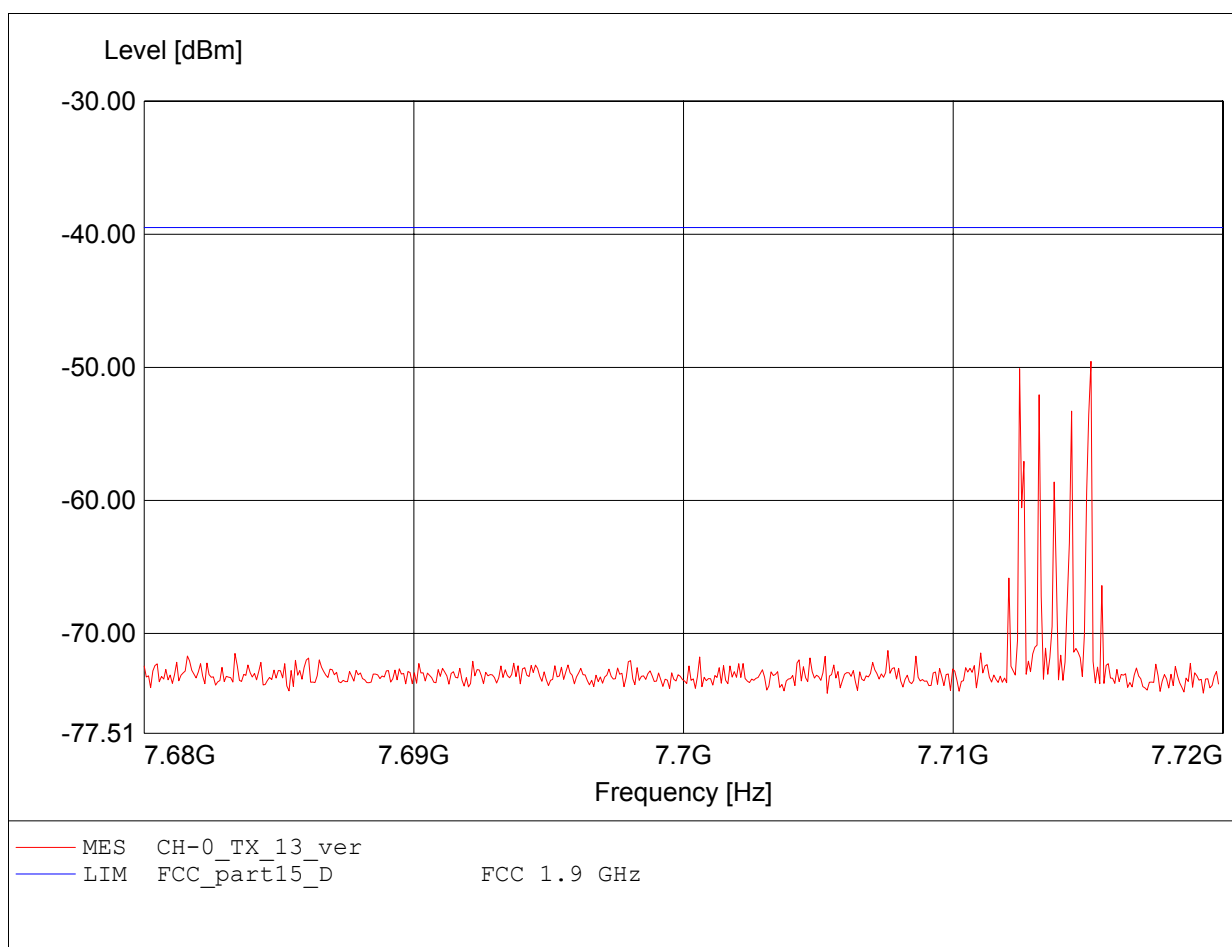
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.786GHz Pmax:-58.40dBm RBW:10 kHz



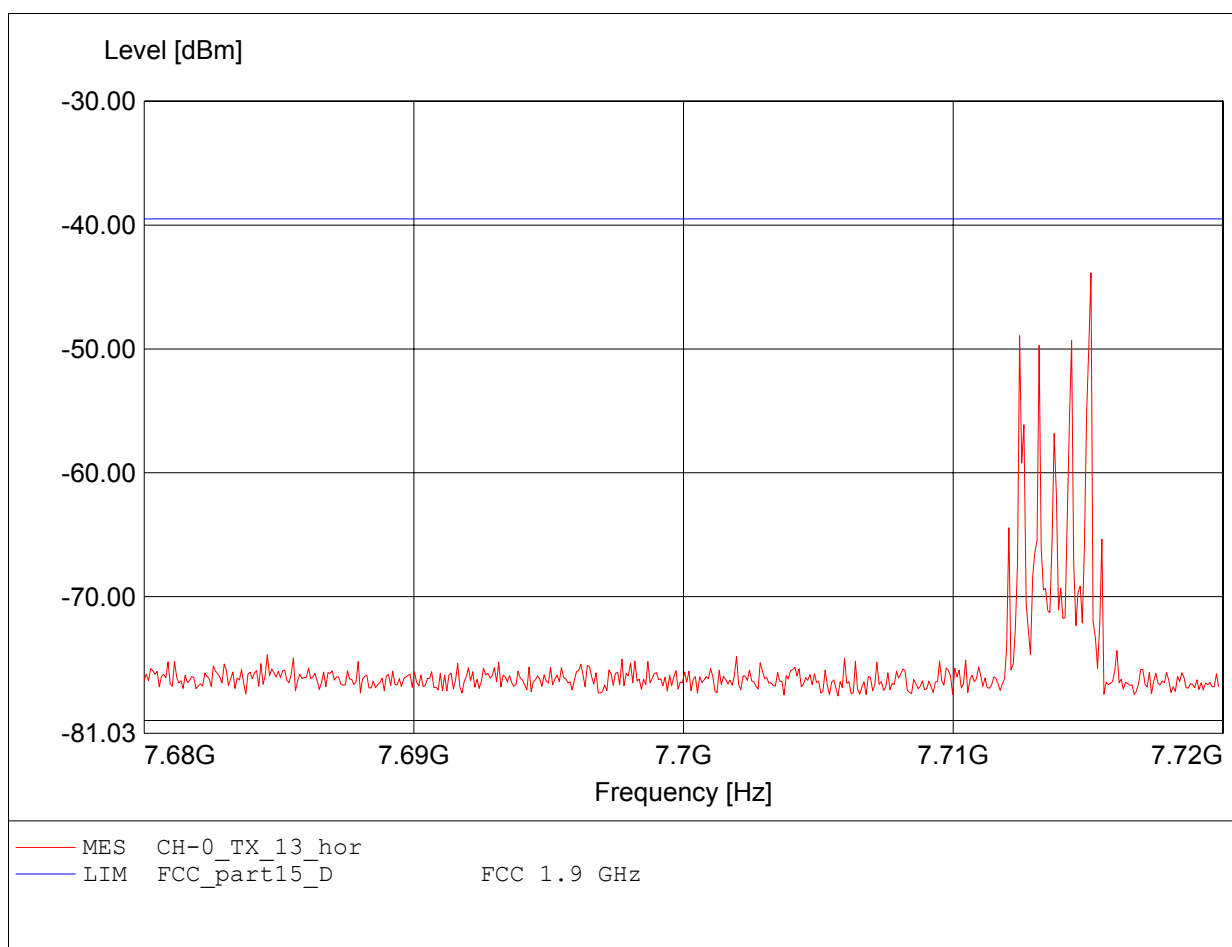
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:7.715GHz Pmax:-49.56dBm RBW:10 kHz



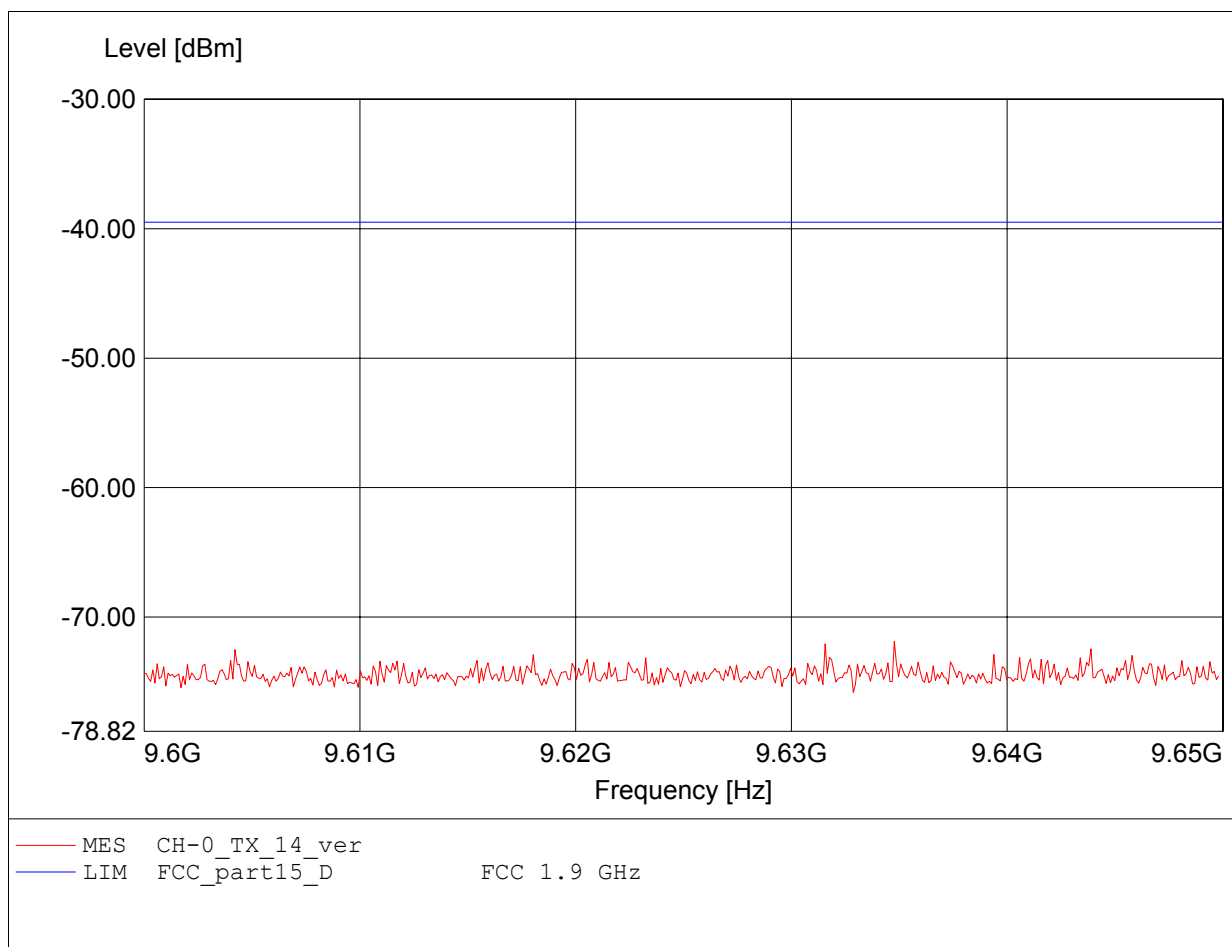
**Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.715GHz Pmax:-43.86dBm RBW:10 kHz



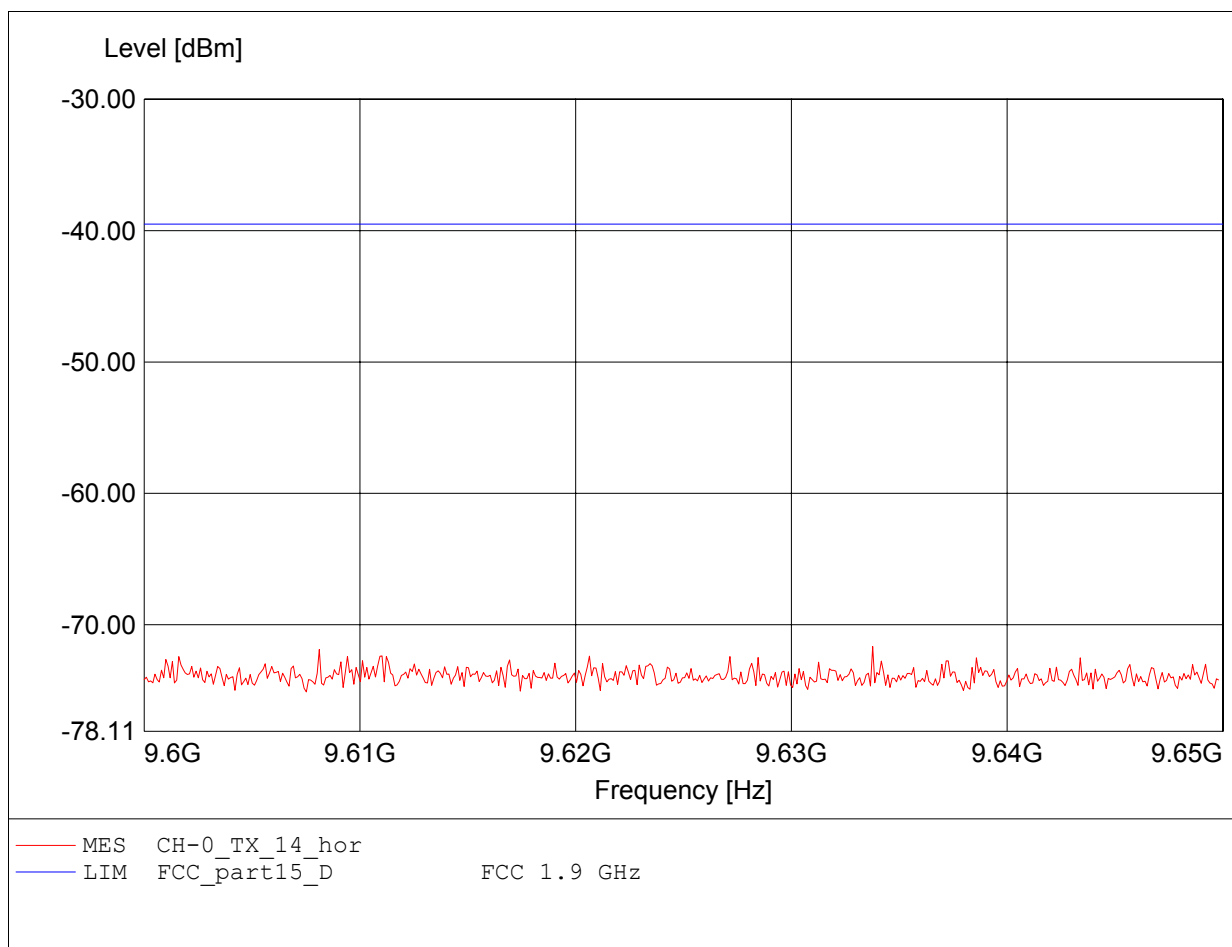
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:9.635GHz Pmax:-71.86dBm RBW:10 kHz



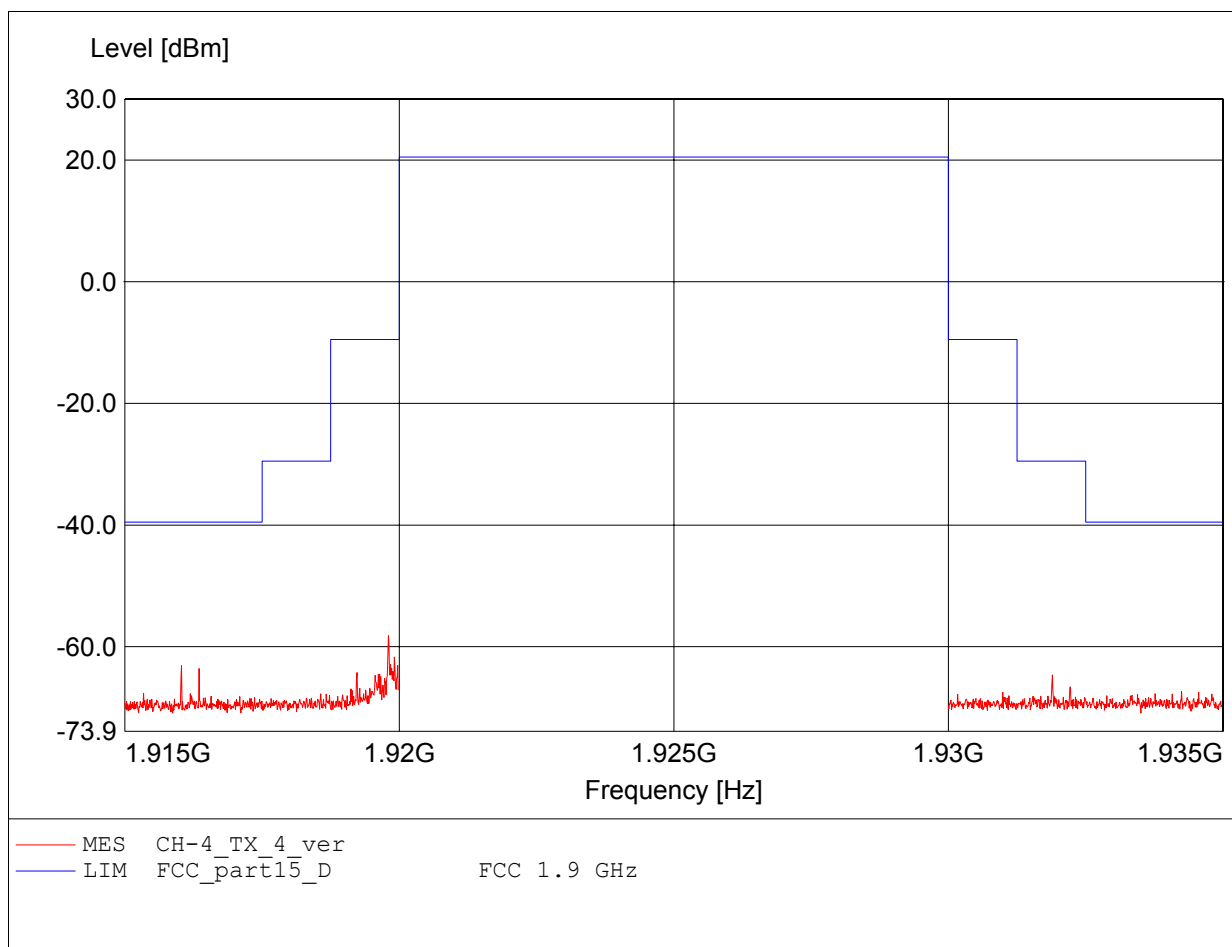
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 1 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:9.634GHz Pmax:-71.65dBm RBW:10 kHz



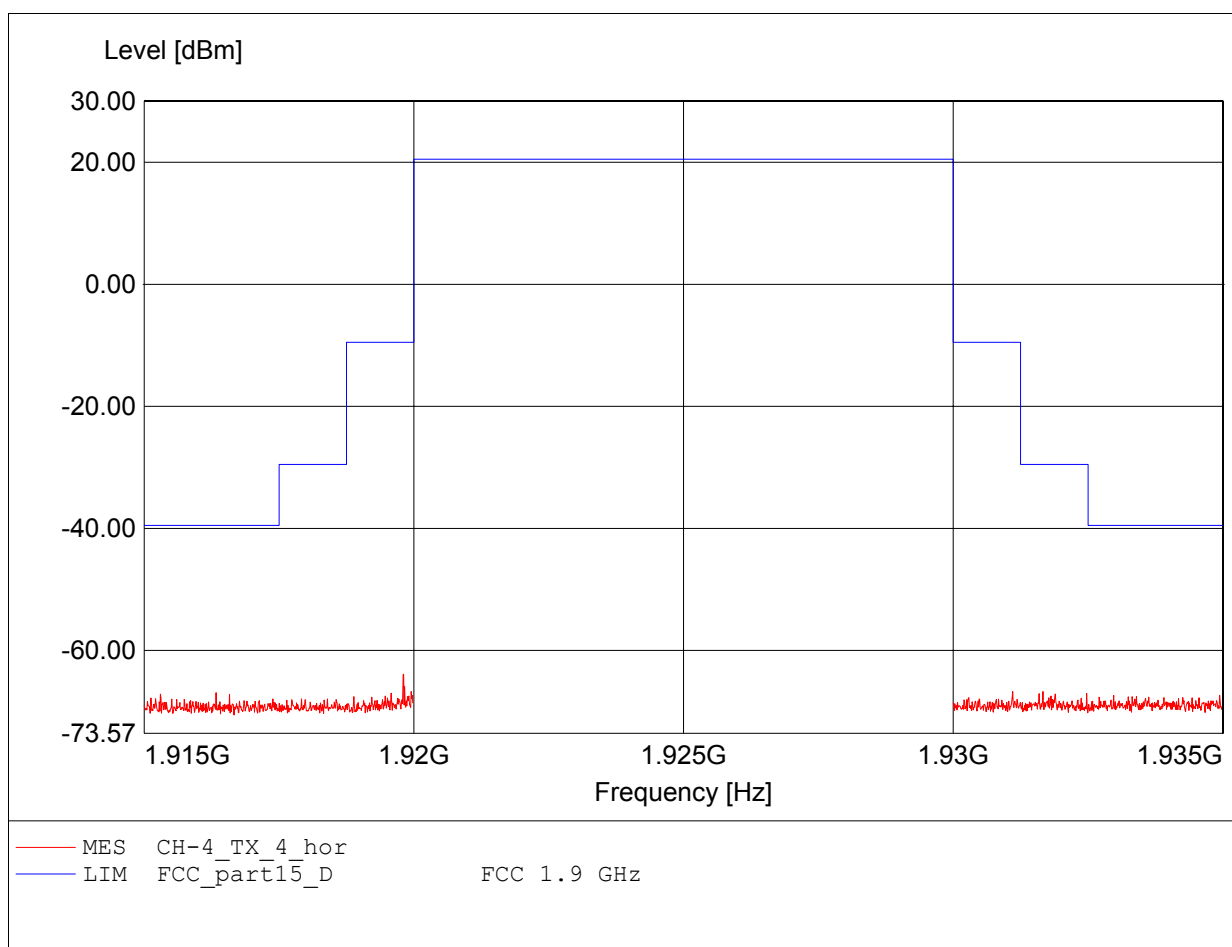
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:1.920GHz Pmax:-58.20dBm RBW: 10 kHz



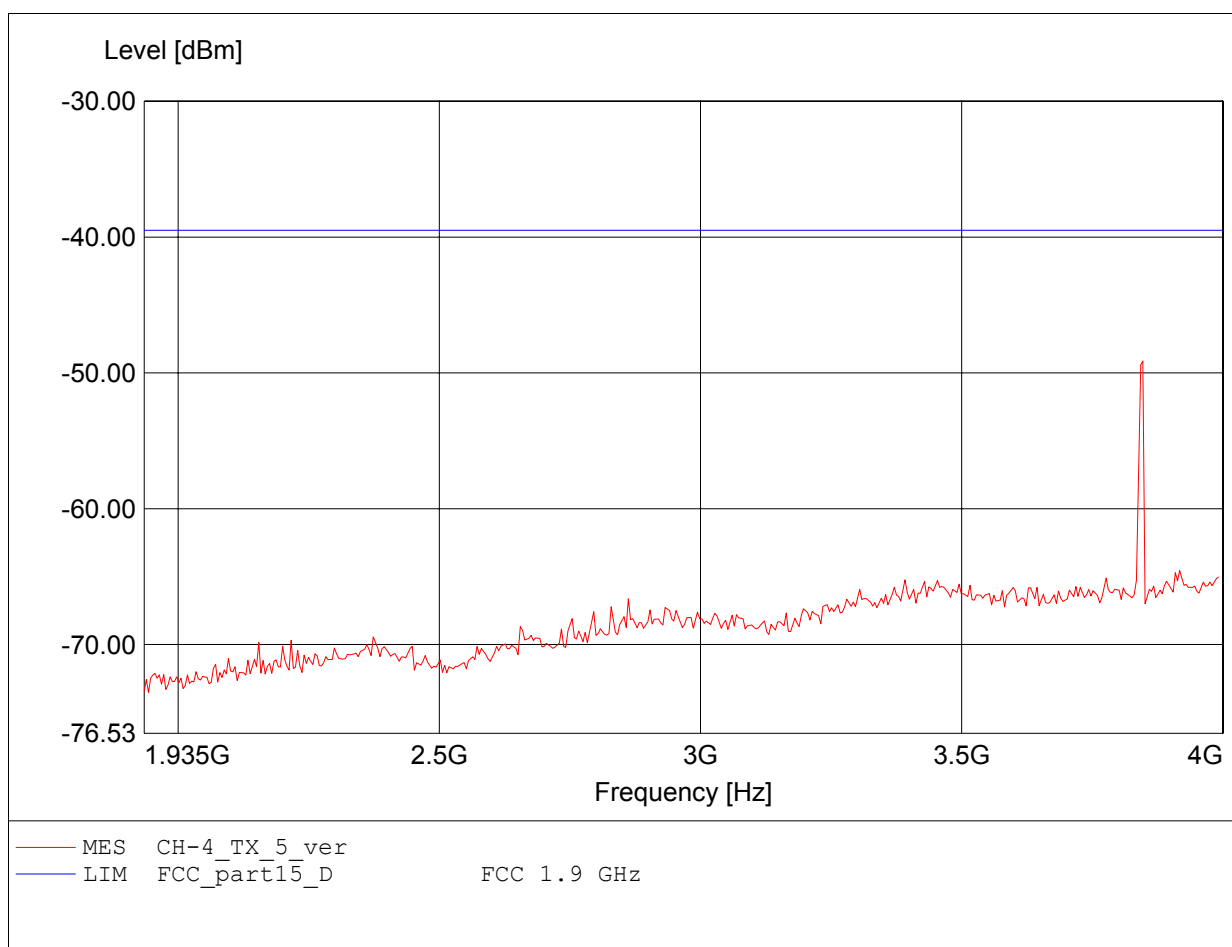
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:1.920GHz Pmax:-63.90dBm RBW: 10 kHz



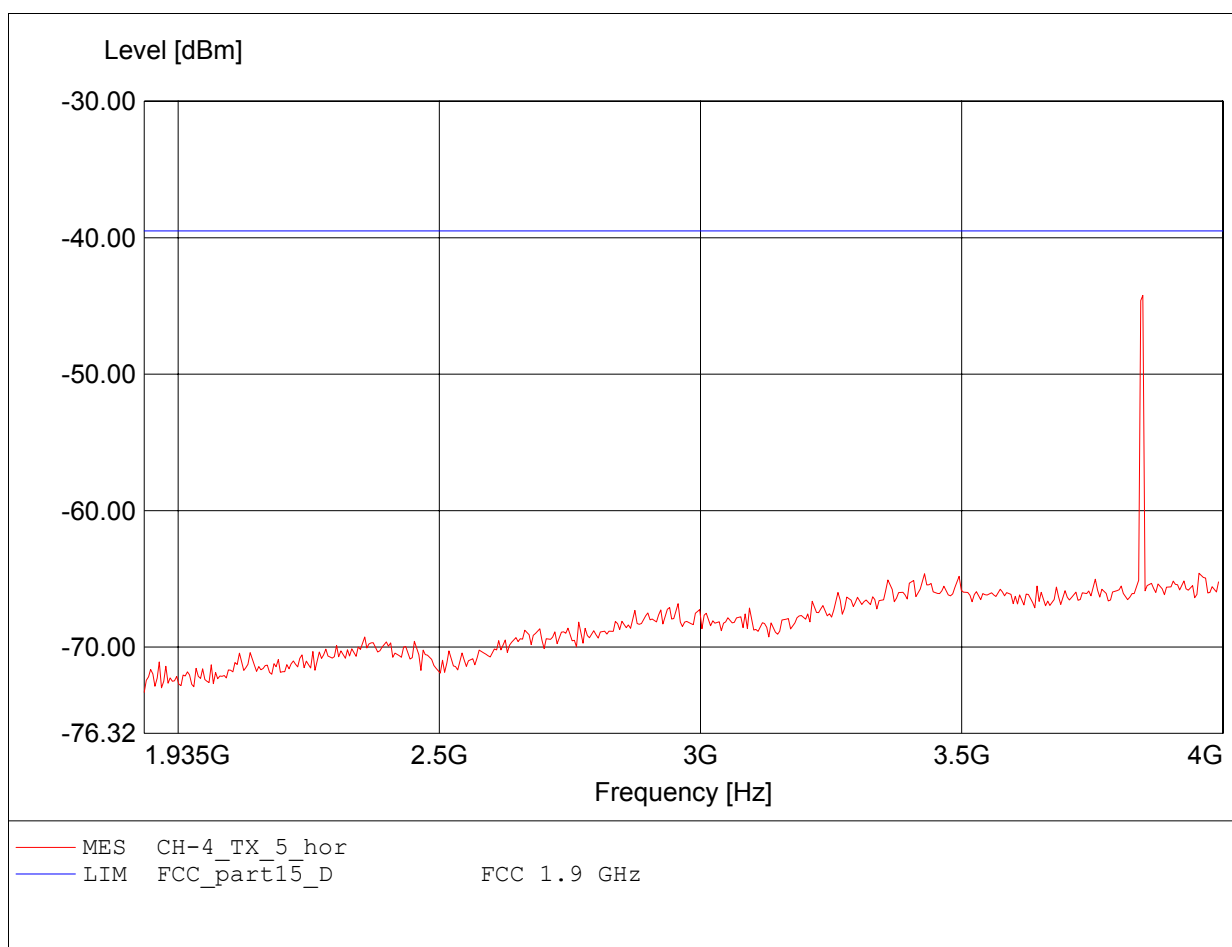
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.847GHz Pmax:-49.12dBm RBW: 100 kHz



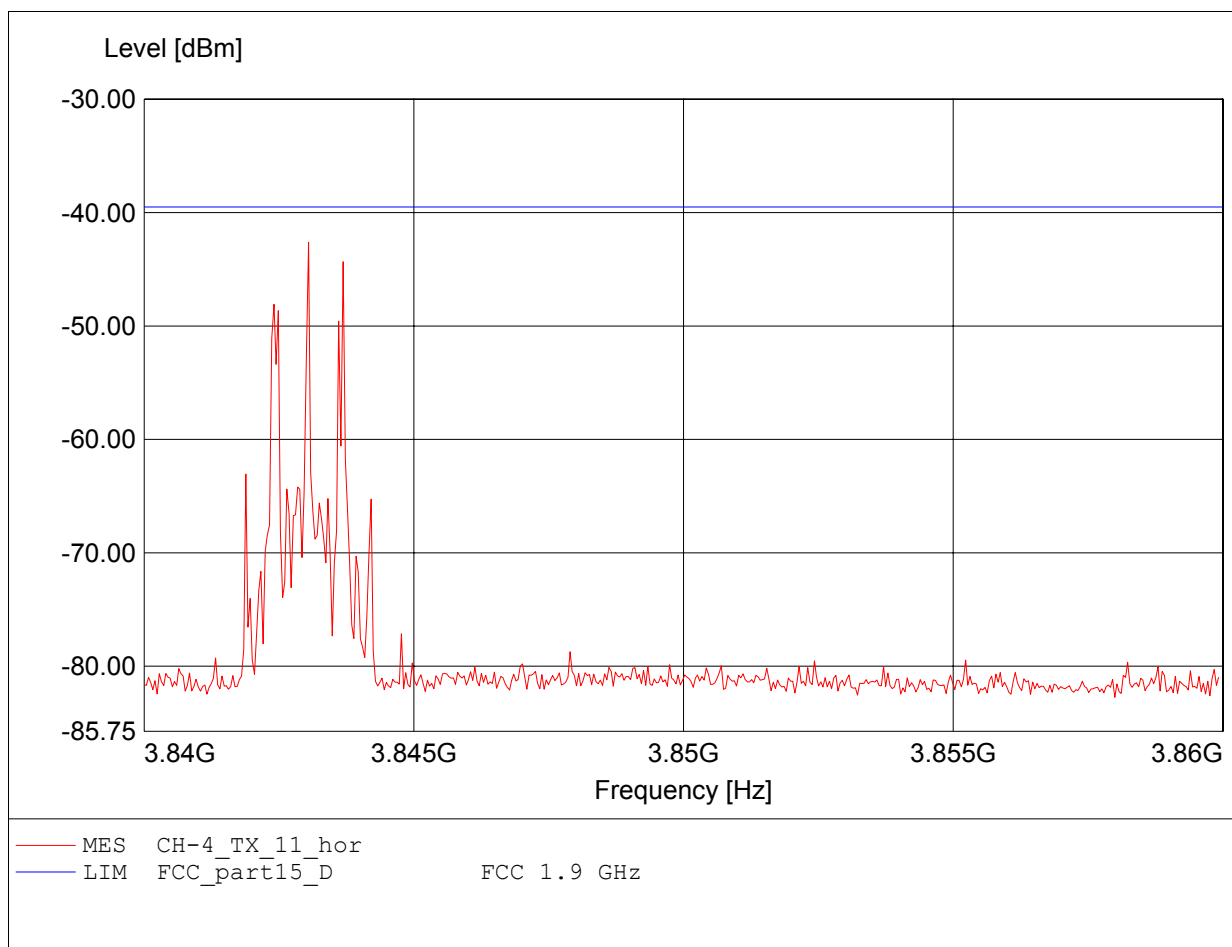
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / GOM-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.847GHz Pmax:-44.23dBm RBW: 100 kHz



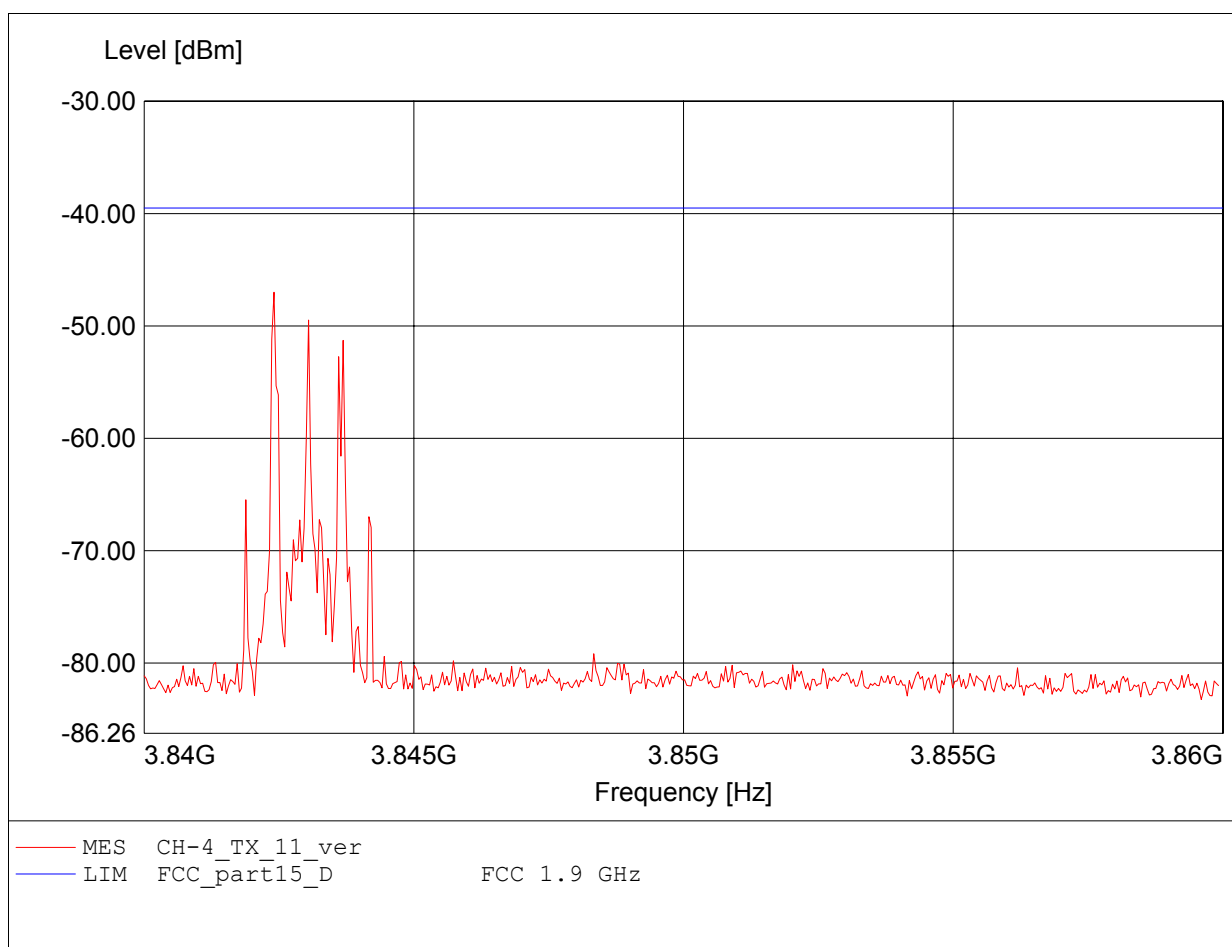
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:3.843GHz Pmax:-42.64dBm RBW:10 kHz



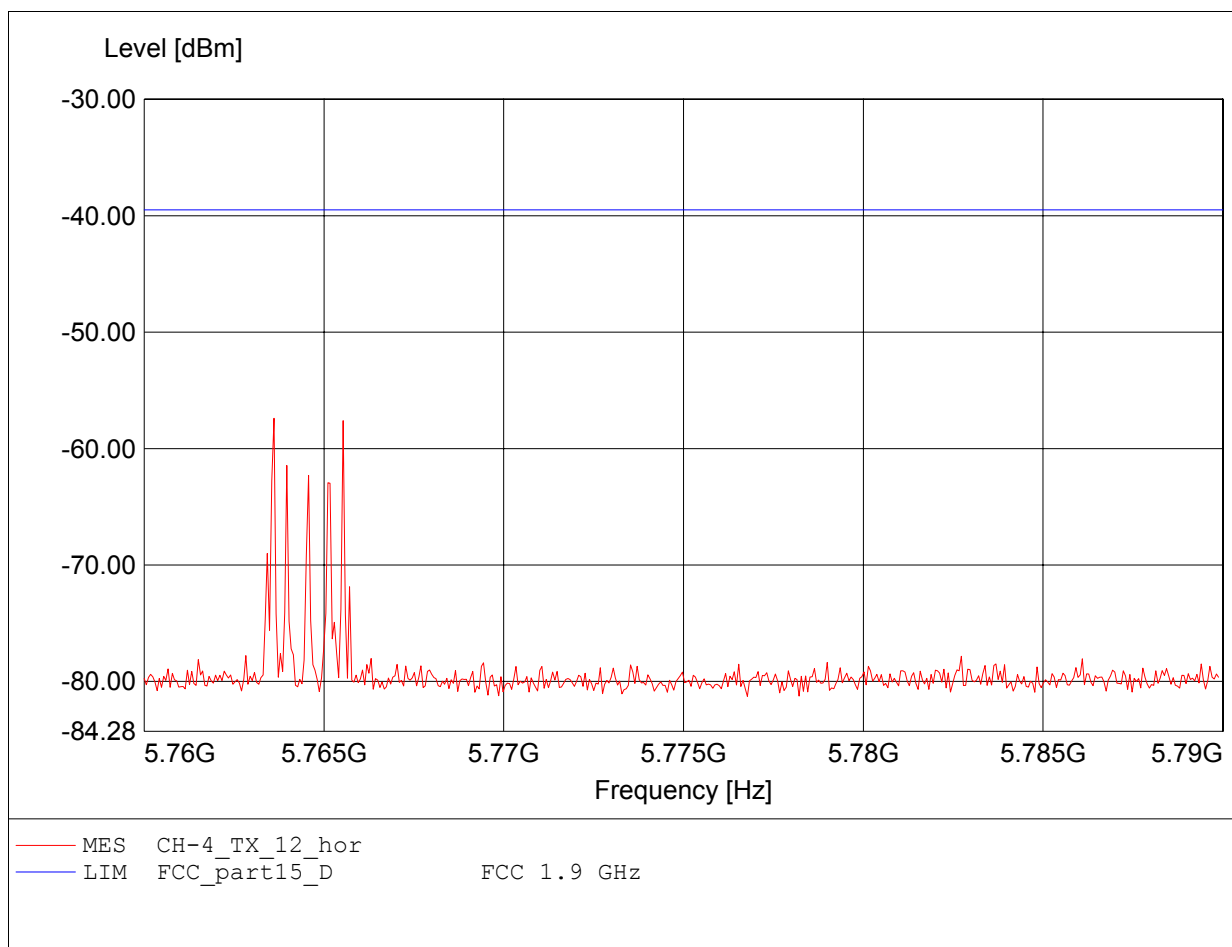
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.842GHz Pmax:-46.99dBm RBW:10 kHz



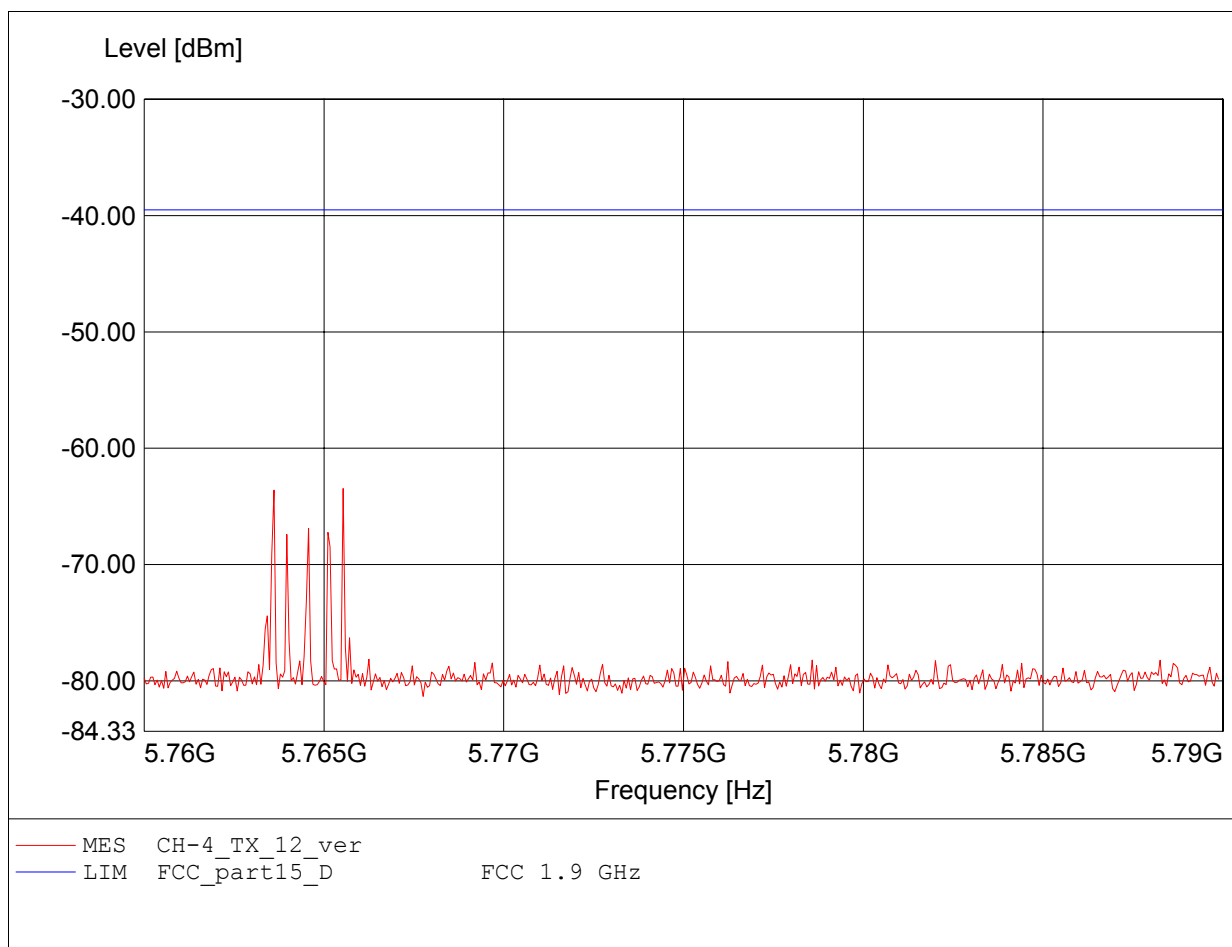
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 4 : 1921.536MHz / Antenna 2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-4
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.764GHz Pmax:-57.38dBm RBW:10 kHz



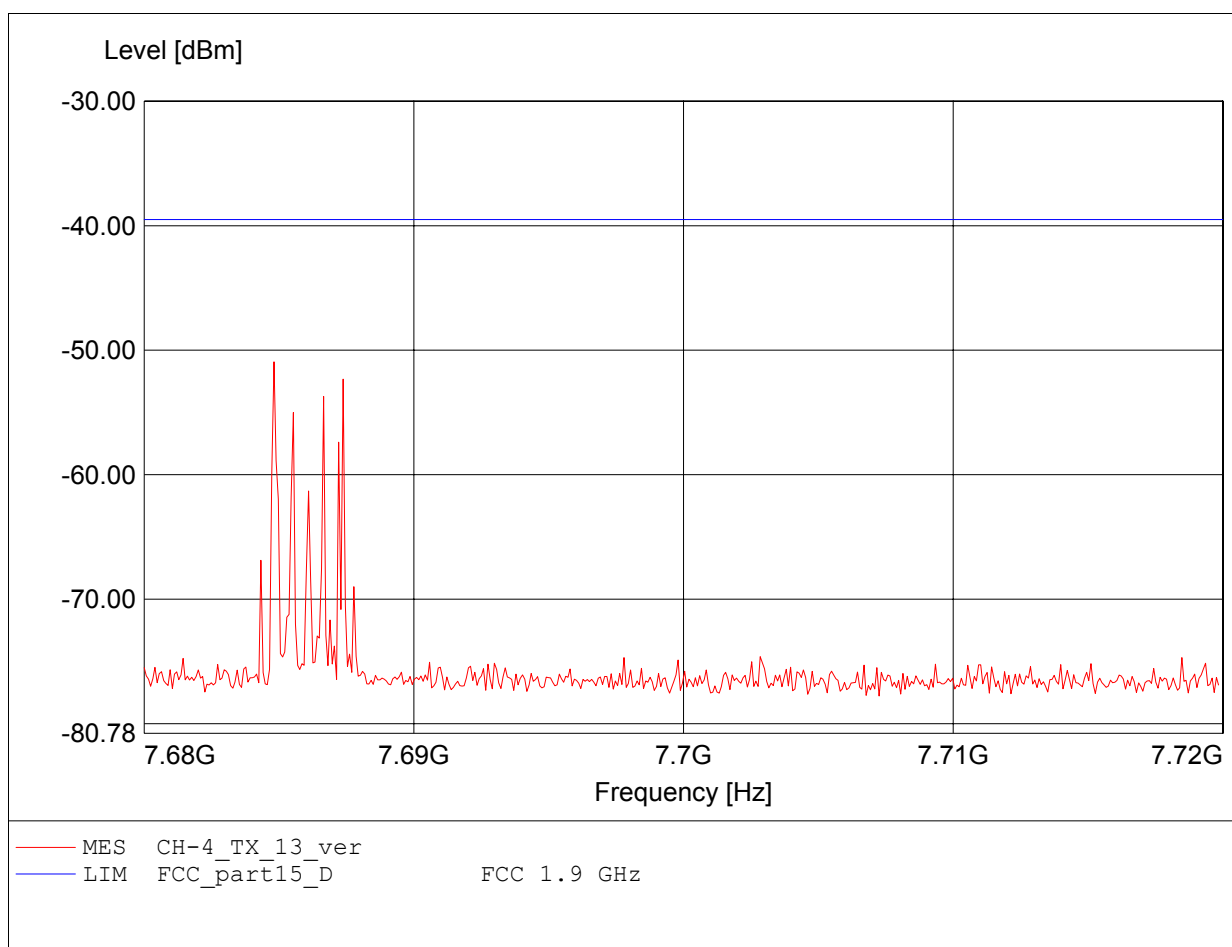
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:5.766GHz Pmax:-63.45dBm RBW:10 kHz



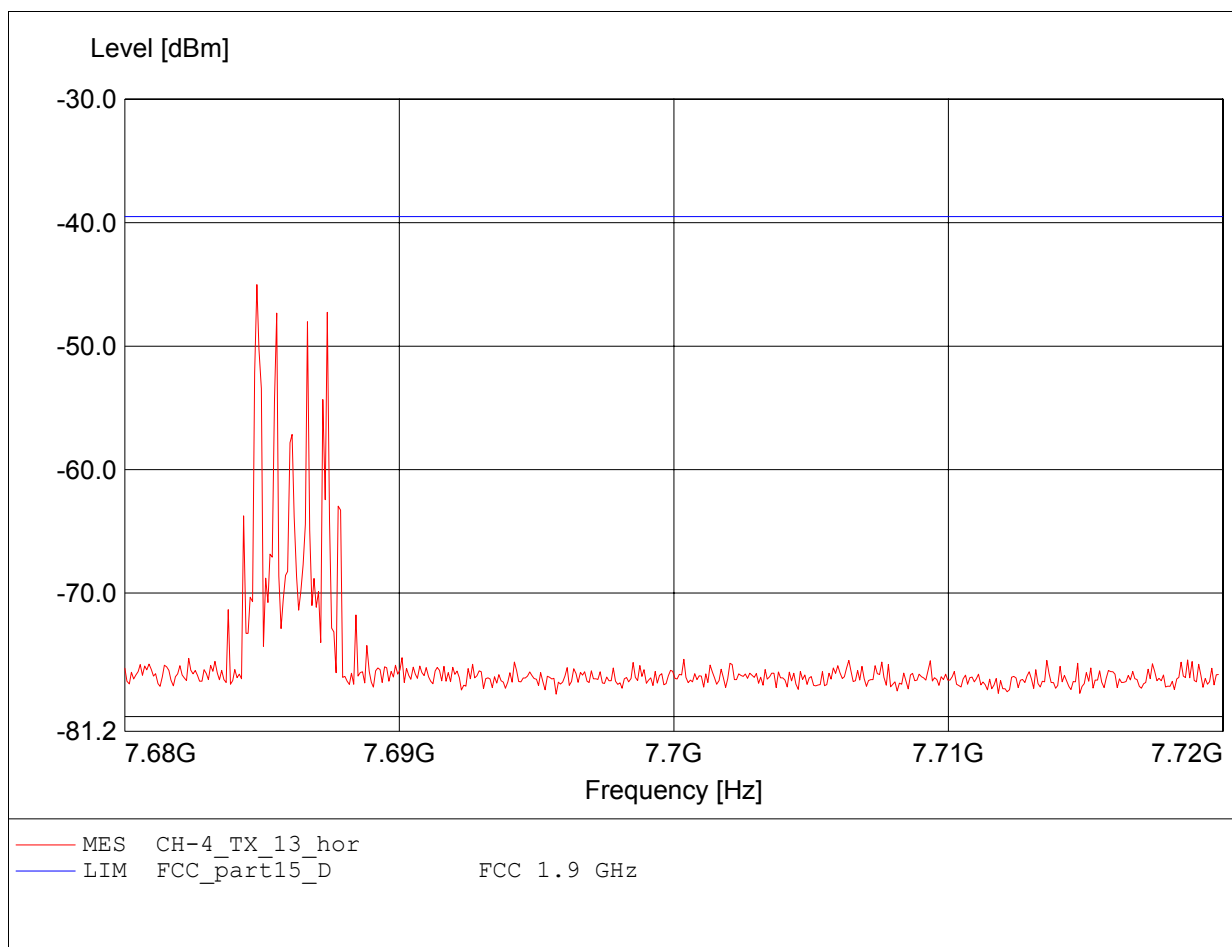
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:7.685GHz Pmax:-50.93dBm RBW:10 kHz



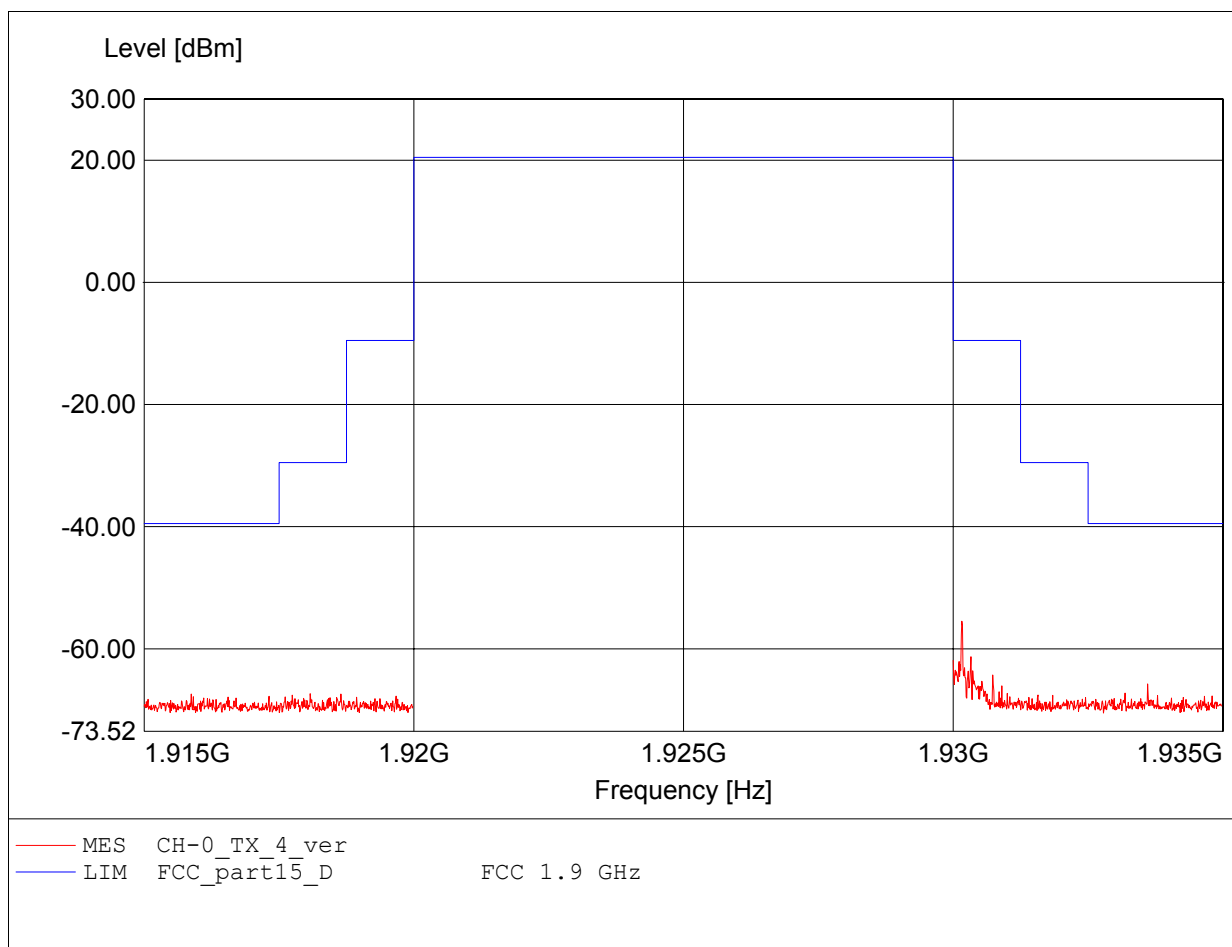
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 4 : 1921.536MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-4
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:7.685GHz Pmax:-45.01dBm RBW:10 kHz



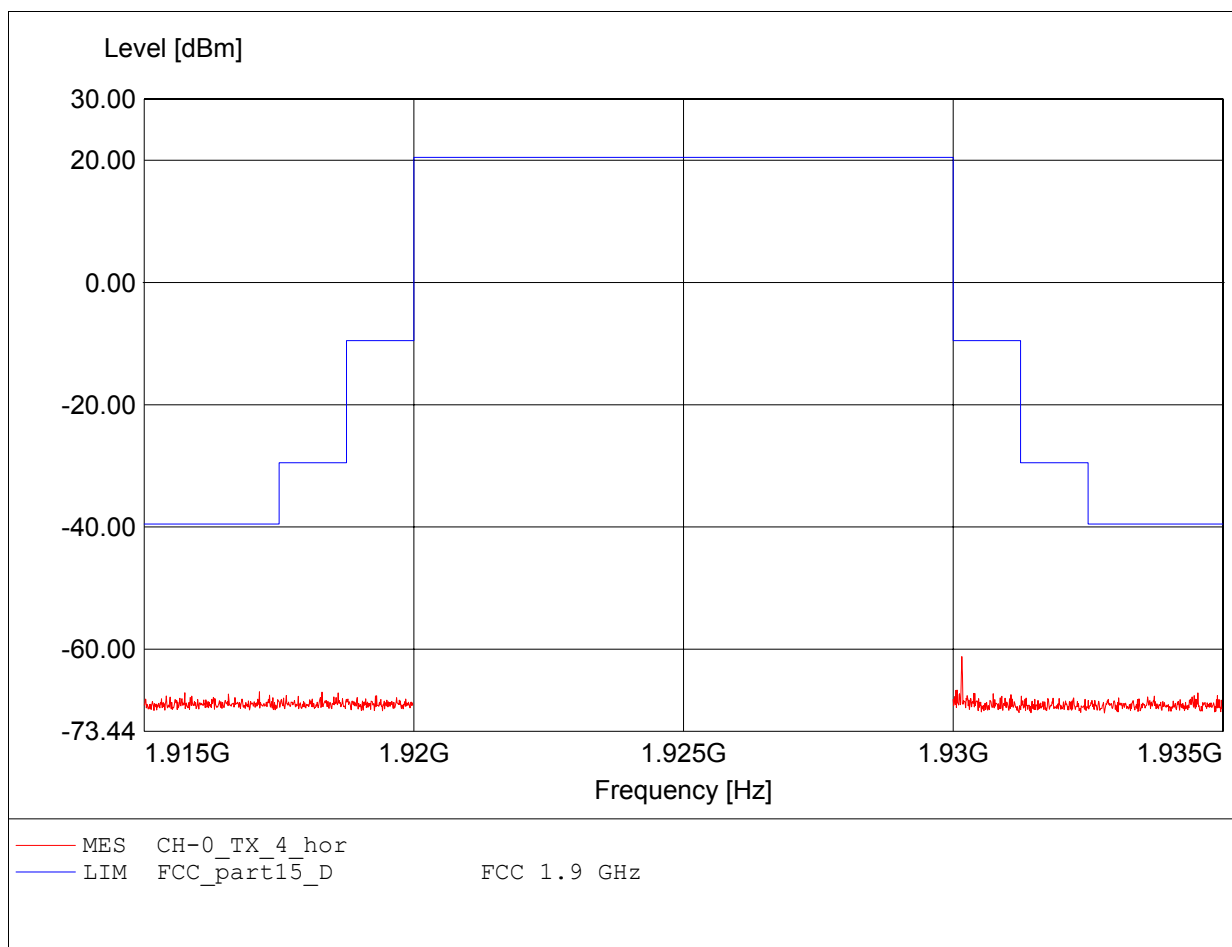
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:1.930GHz Pmax:-55.47dBm RBW: 10 kHz



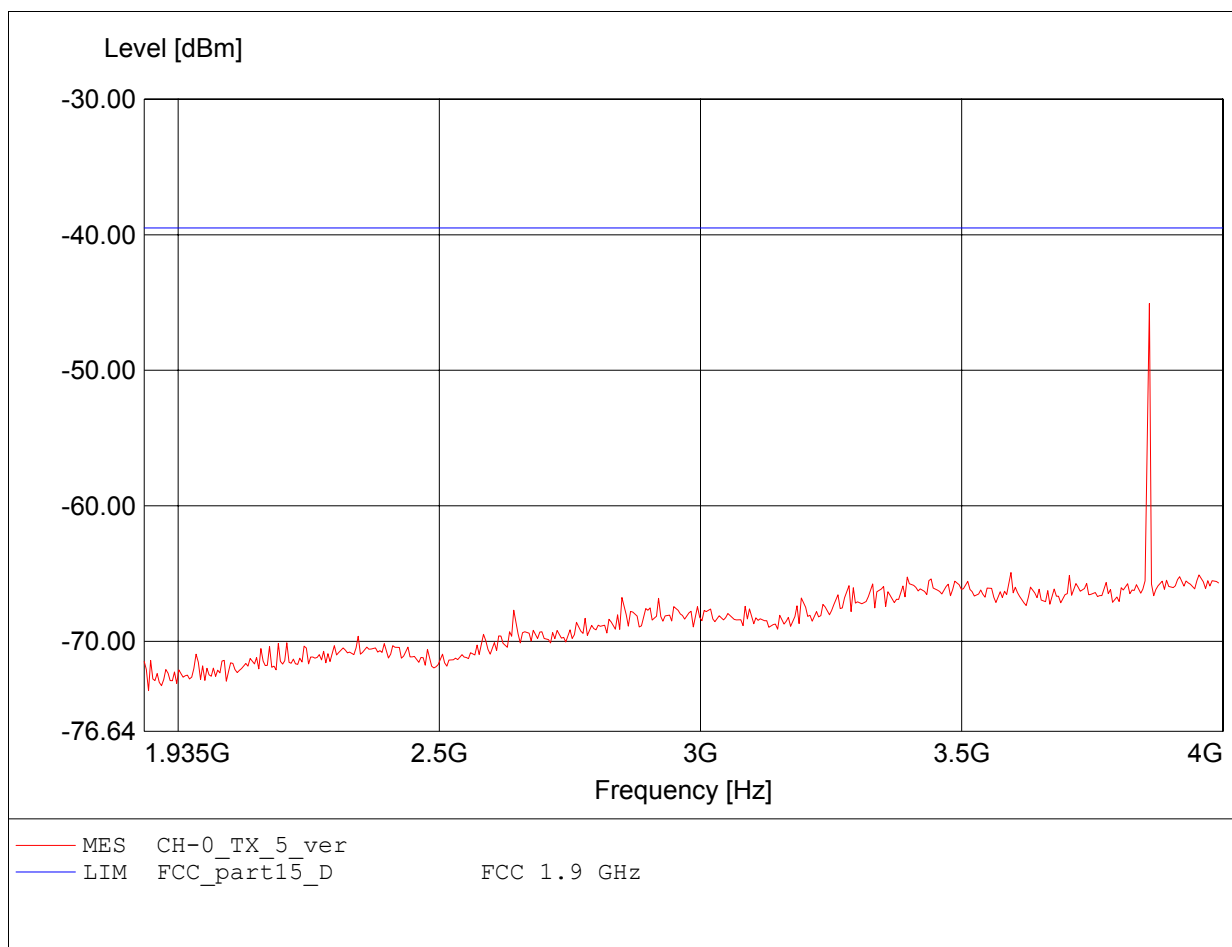
**Spurious emissions under normal conditions
 FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:1.930GHz Pmax:-61.21dBm RBW: 10 kHz



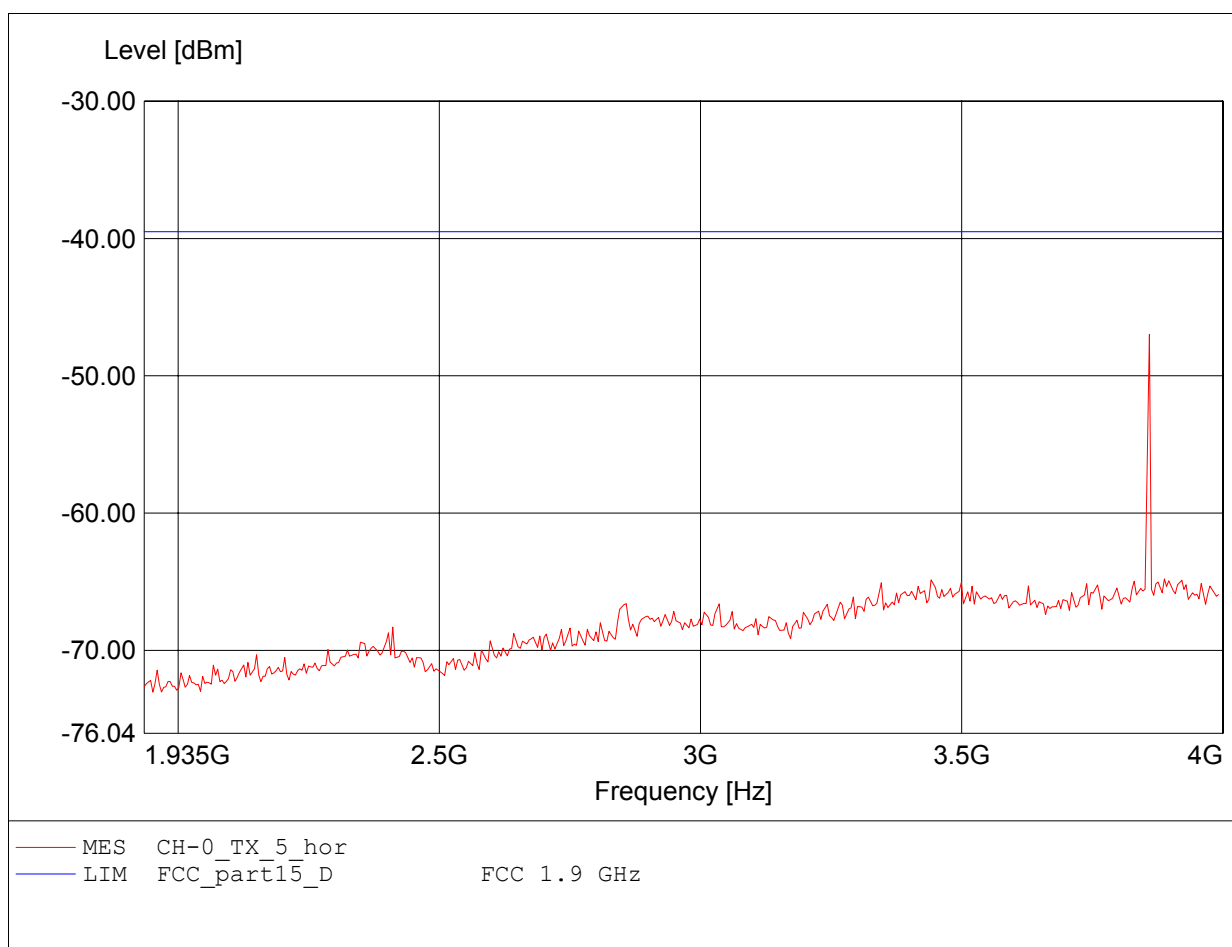
Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:3.859GHz Pmax:-45.07dBm RBW: 100 kHz



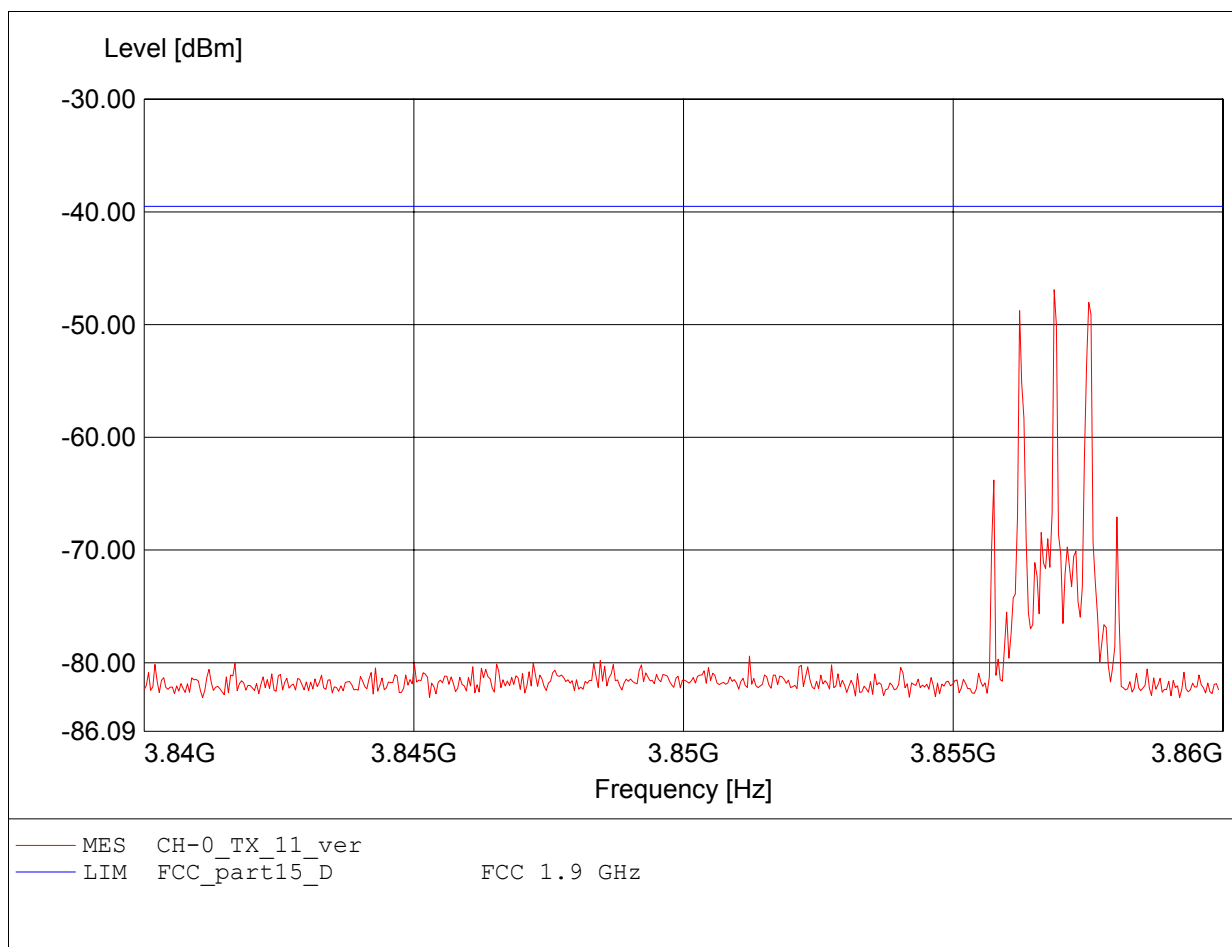
**Spurious emissions under normal conditions
FCC RULES PART 15, SUBPART D**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:3.859GHz Pmax:-46.98dBm RBW: 100 kHz



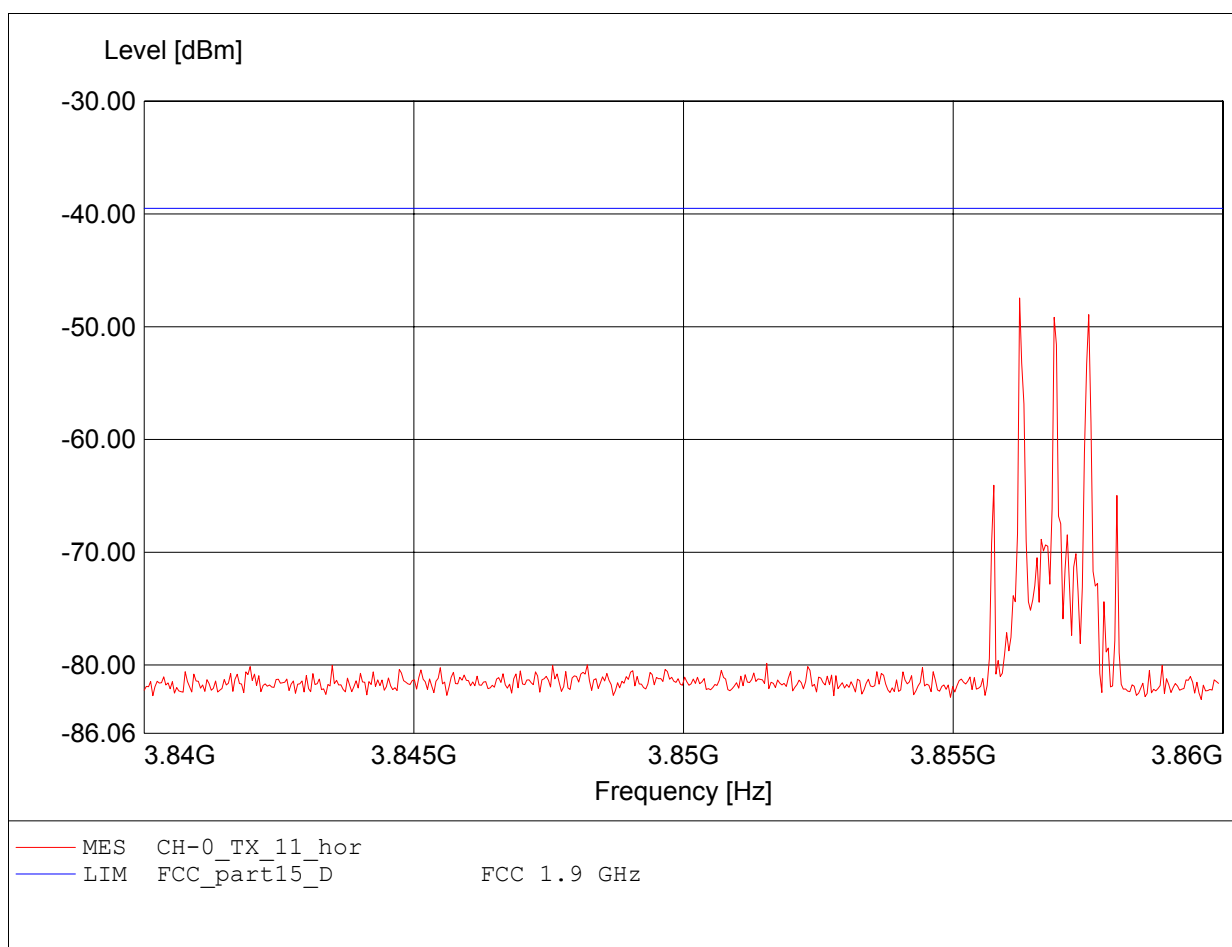
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:3.857GHz Pmax:-46.91dBm RBW:10 kHz



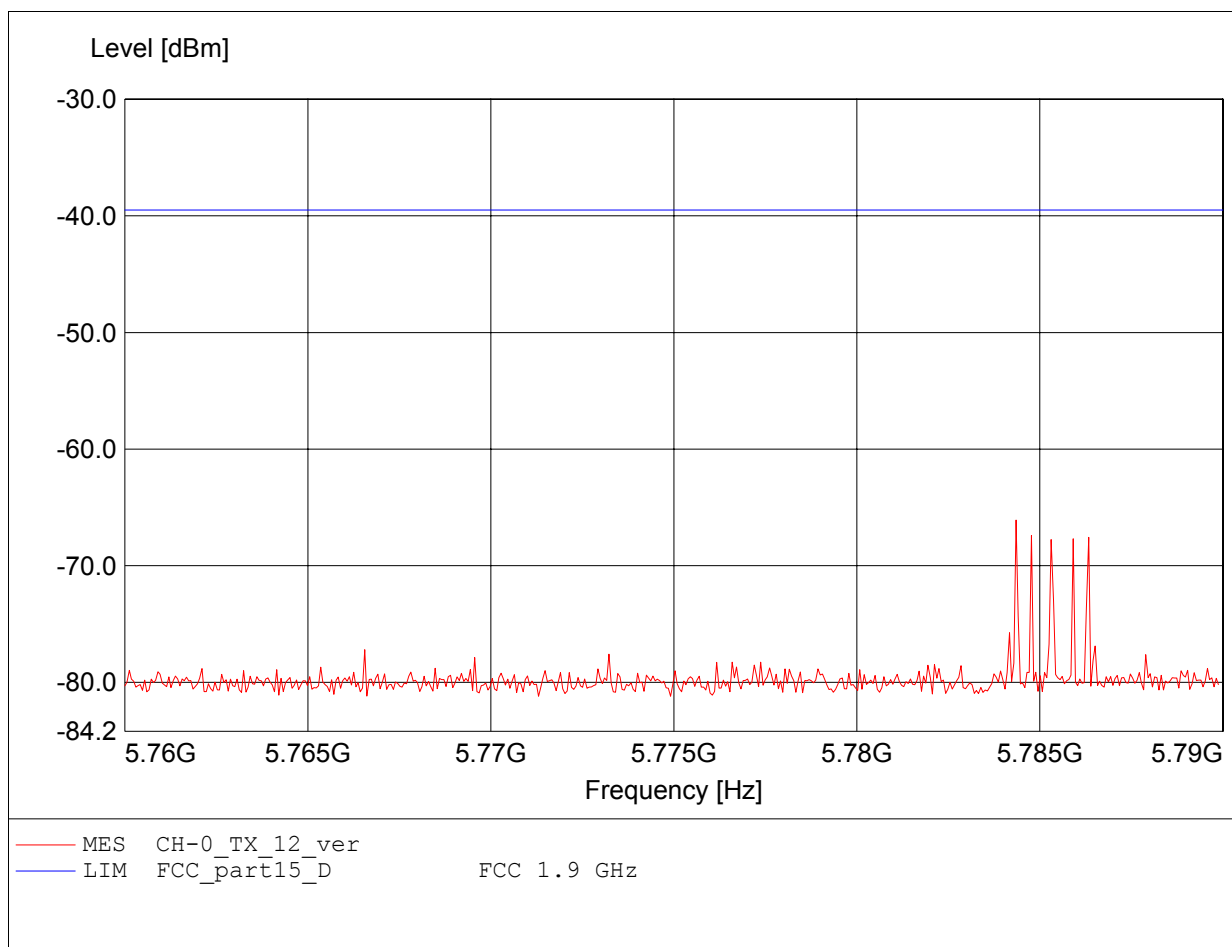
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: Ch 0 : 1928.448MHz / Antenna 2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: CH-0
 Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
 Comment 2: Freq:3.856GHz Pmax:-47.44dBm RBW:10 kHz



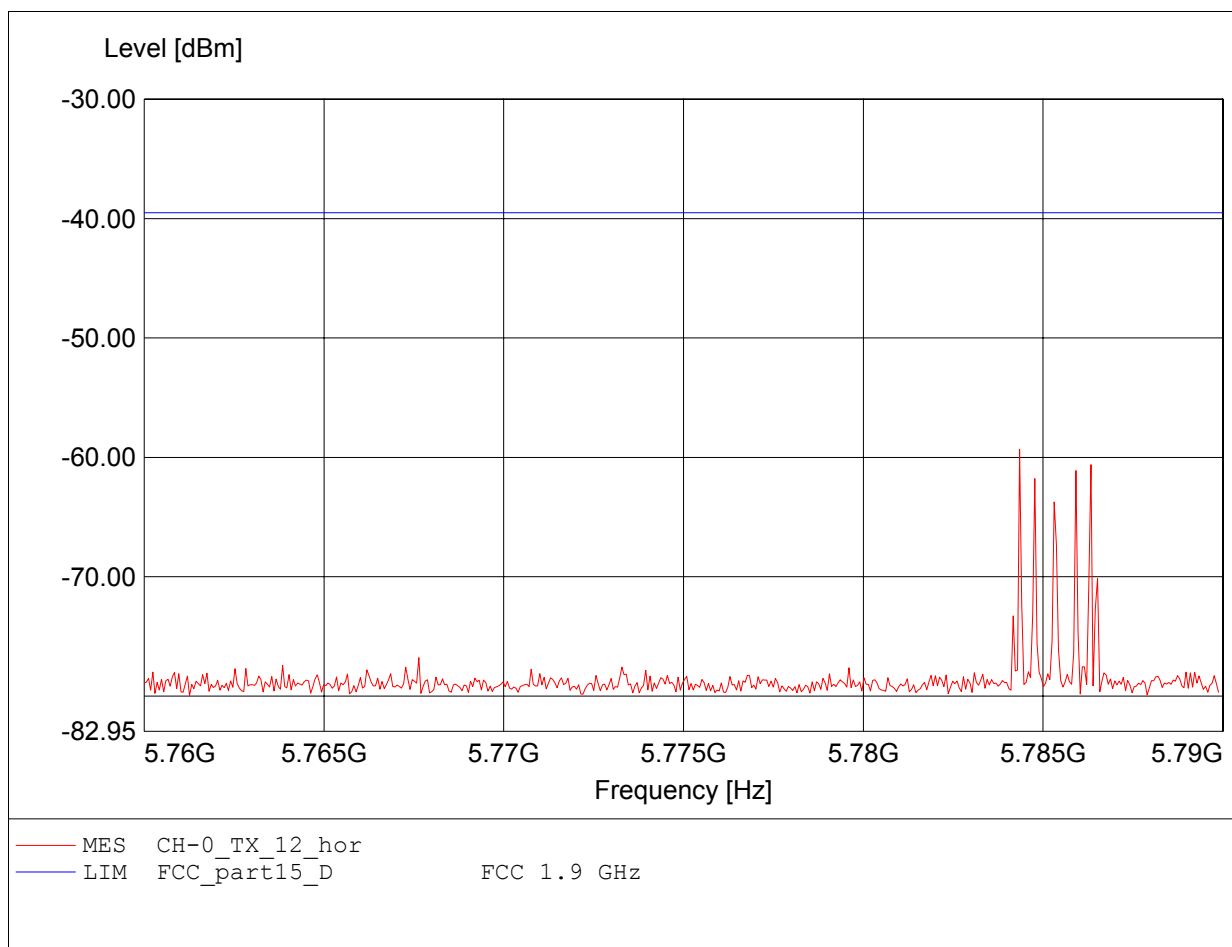
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.784GHz Pmax:-66.09dBm RBW:10 kHz



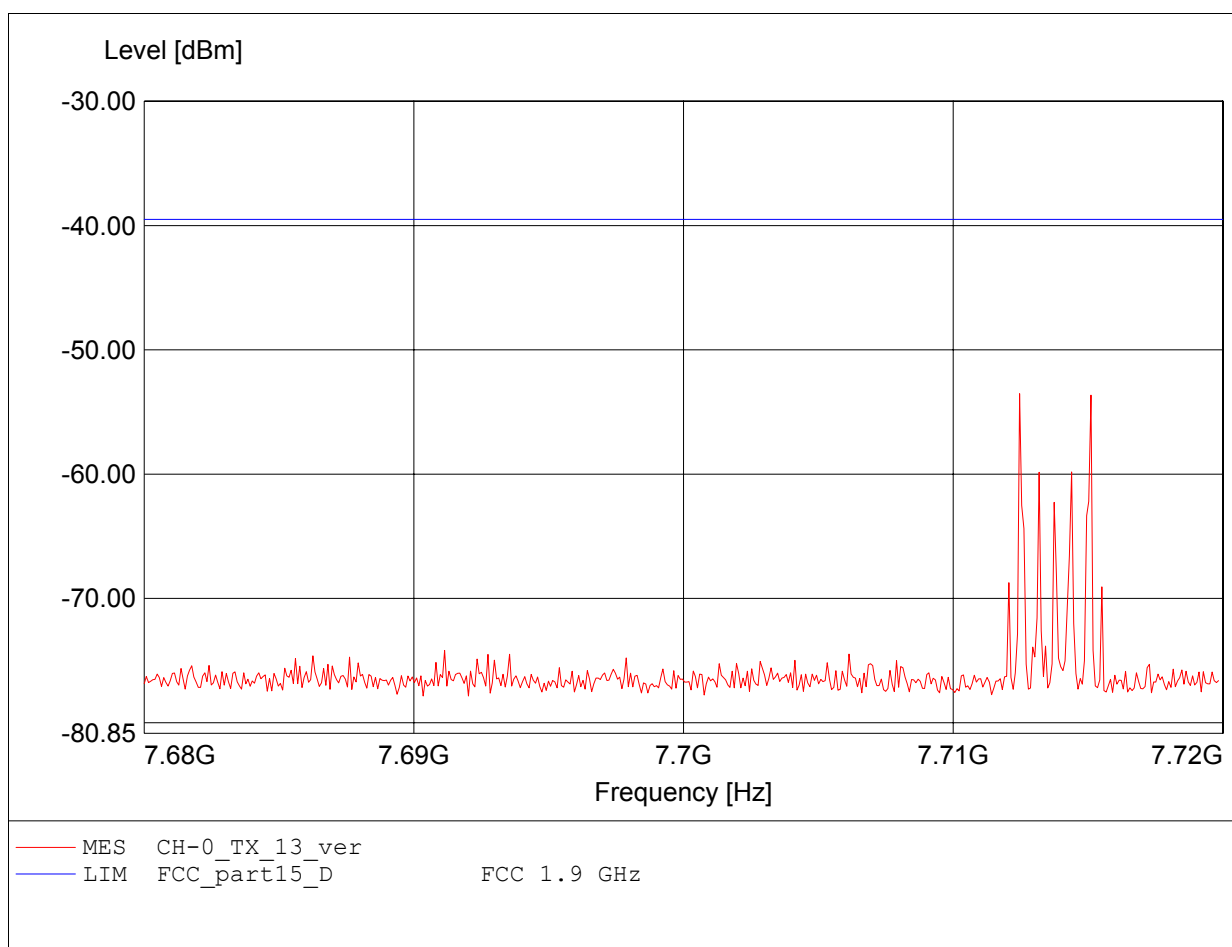
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:5.784GHz Pmax:-59.32dBm RBW:10 kHz



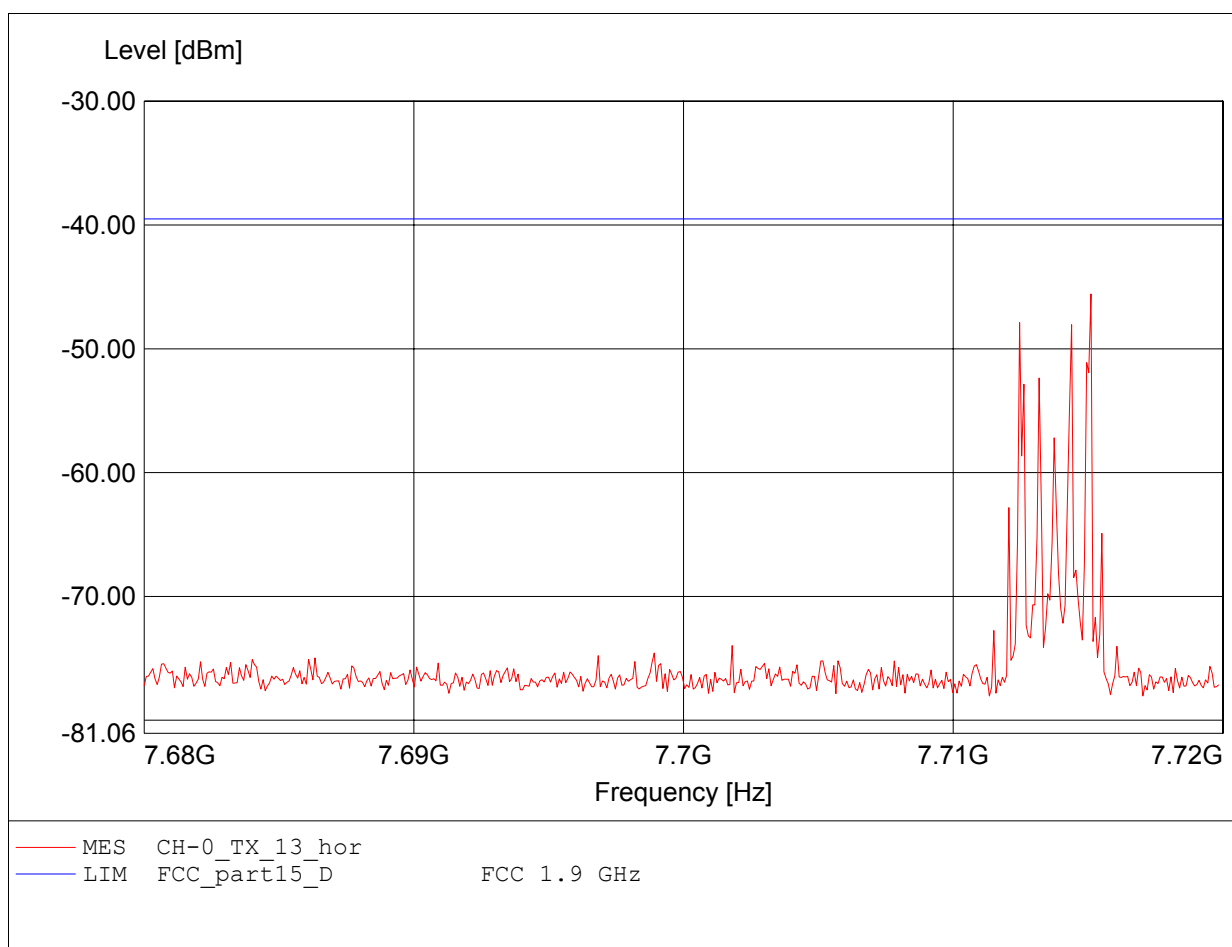
Spurious emissions under normal conditions
FCC PART 15, SUBPART D (ANSI C63.17-1998, Subclause 6.1.6.3)

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.712GHz Pmax:-53.53dBm RBW:10 kHz



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

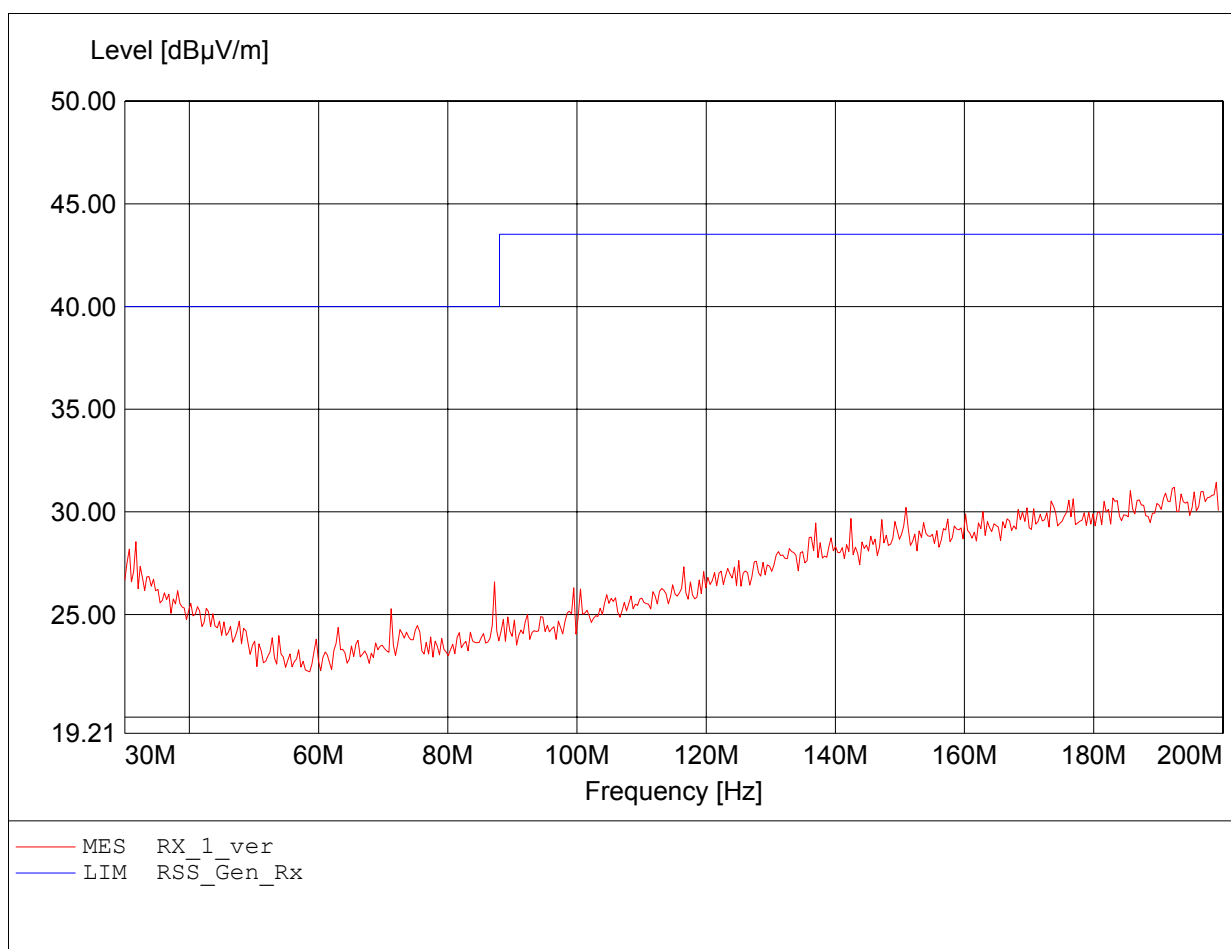
Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: Ch 0 : 1928.448MHz / Antenna 2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: CH-0
Comment 1: Dist.: 1m, Ant.: HL 025, ampl.
Comment 2: Freq:7.715GHz Pmax:-45.57dBm RBW:10 kHz



Annex C Receiver radiated spurious emissions

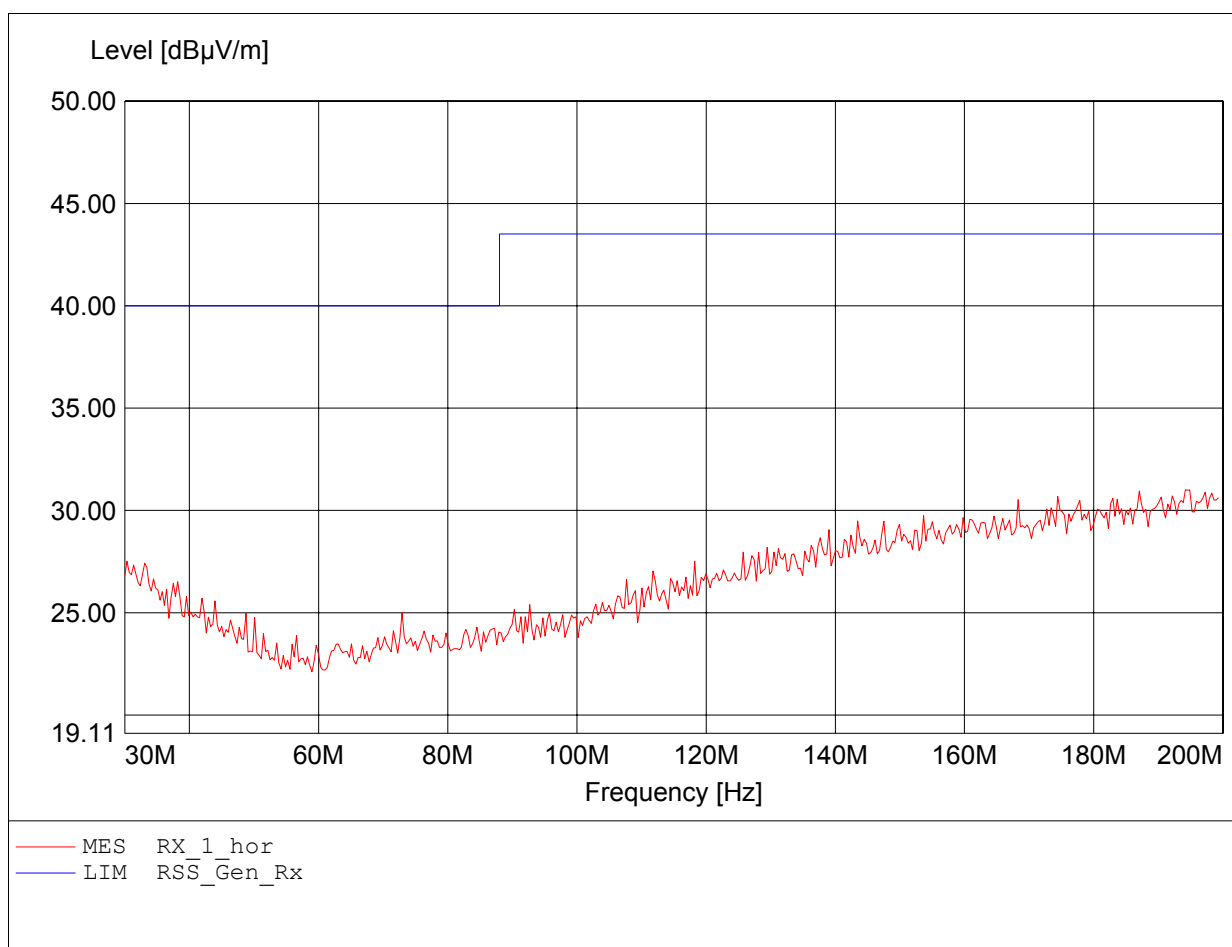
**Field Strength under normal conditions
Standards Industry Canada, RSS-GEN**

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: PP RX_Idle / Antenna 1/2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: RX-mode
 Comment 1: Dist.: 3m, Ant.: HK 116
 Comment 2: Freq:198.978MHz Emax:31.44dBµV/m RBW: 100 kHz



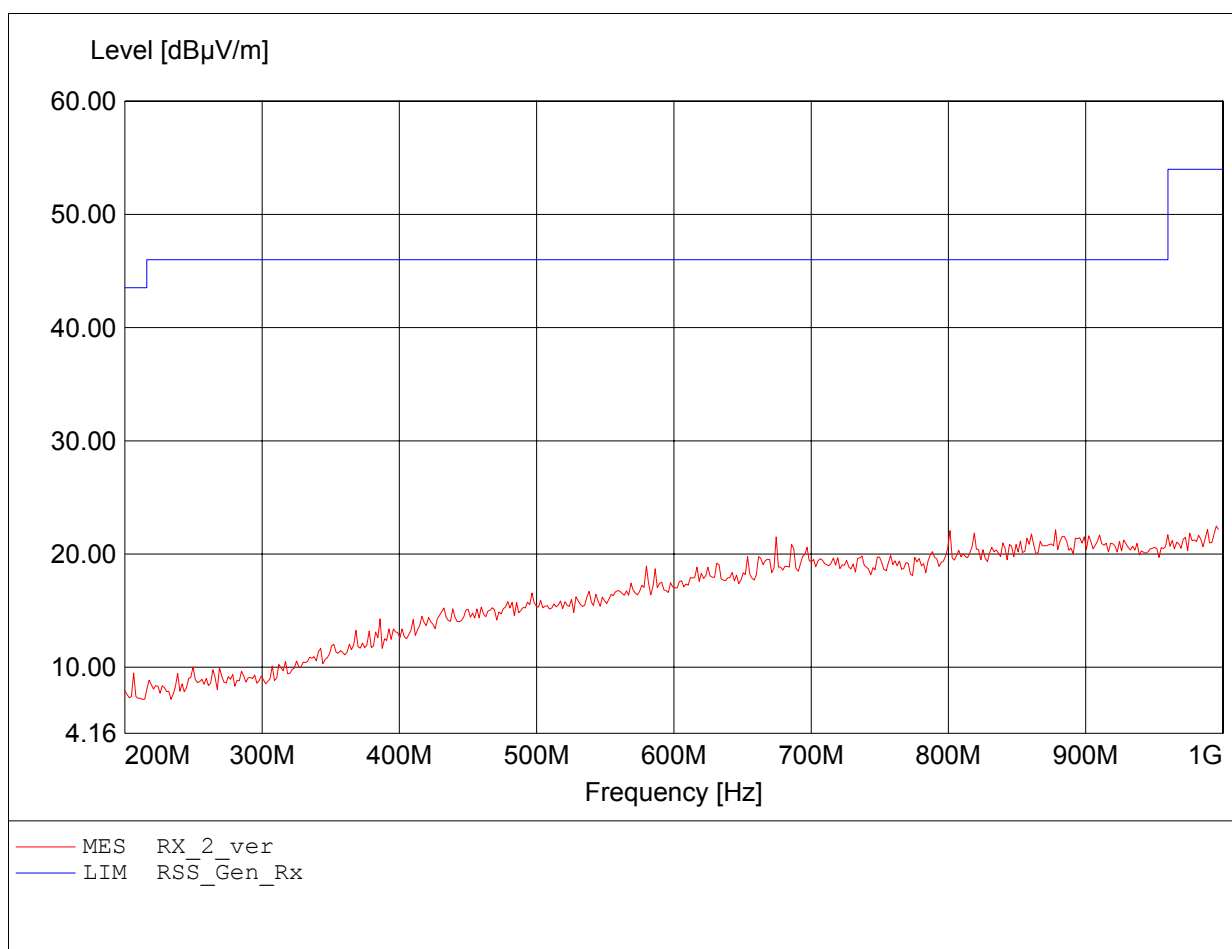
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: PP RX_Idle / Antenna 1/2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: RX-mode
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:194.208MHz Emax:31.02dBµV/m RBW: 100 kHz



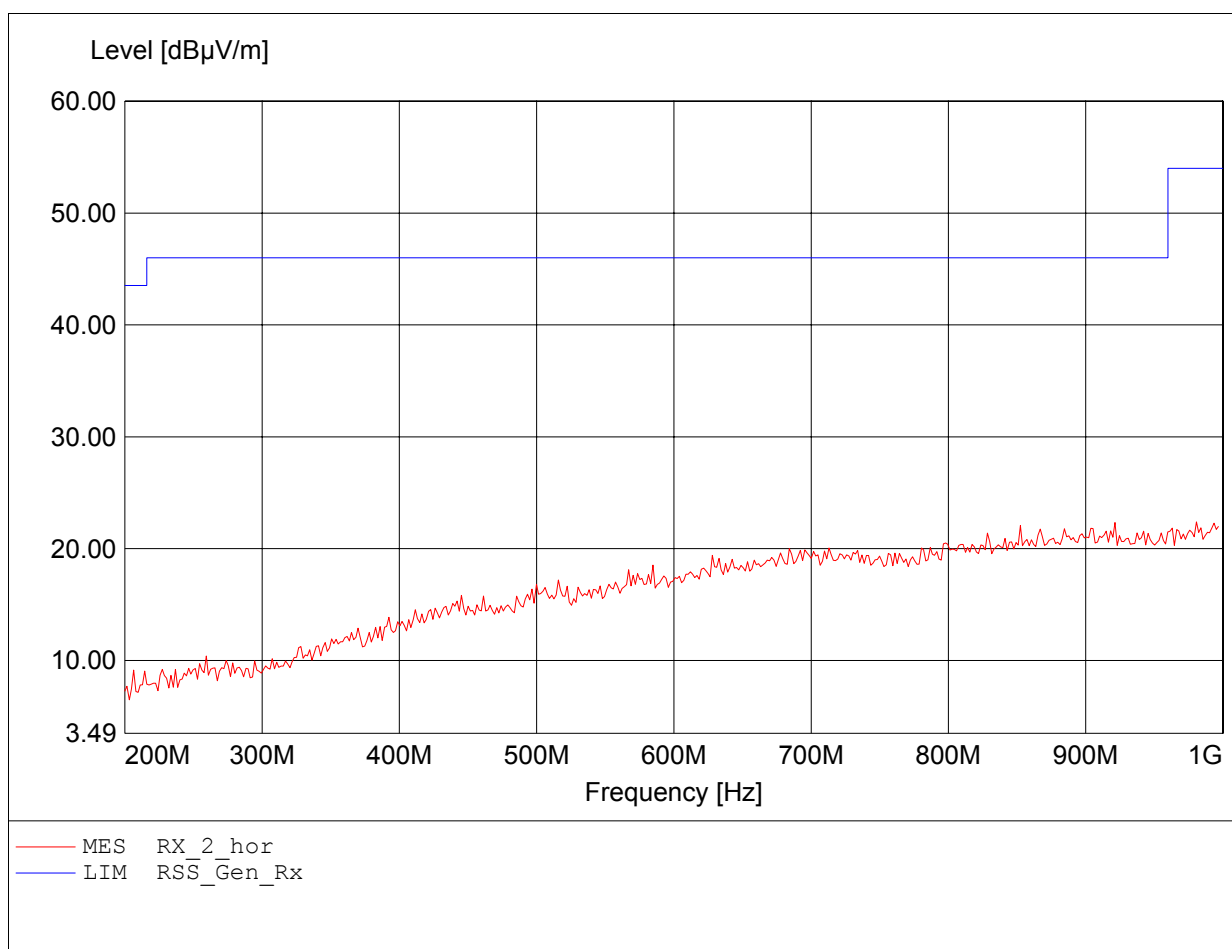
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: PP RX_Idle / Antenna 1/2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: RX-mode
 Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
 Comment 2: Freq:995.190MHz Emax:22.47dBµV/m RBW: 100 kHz



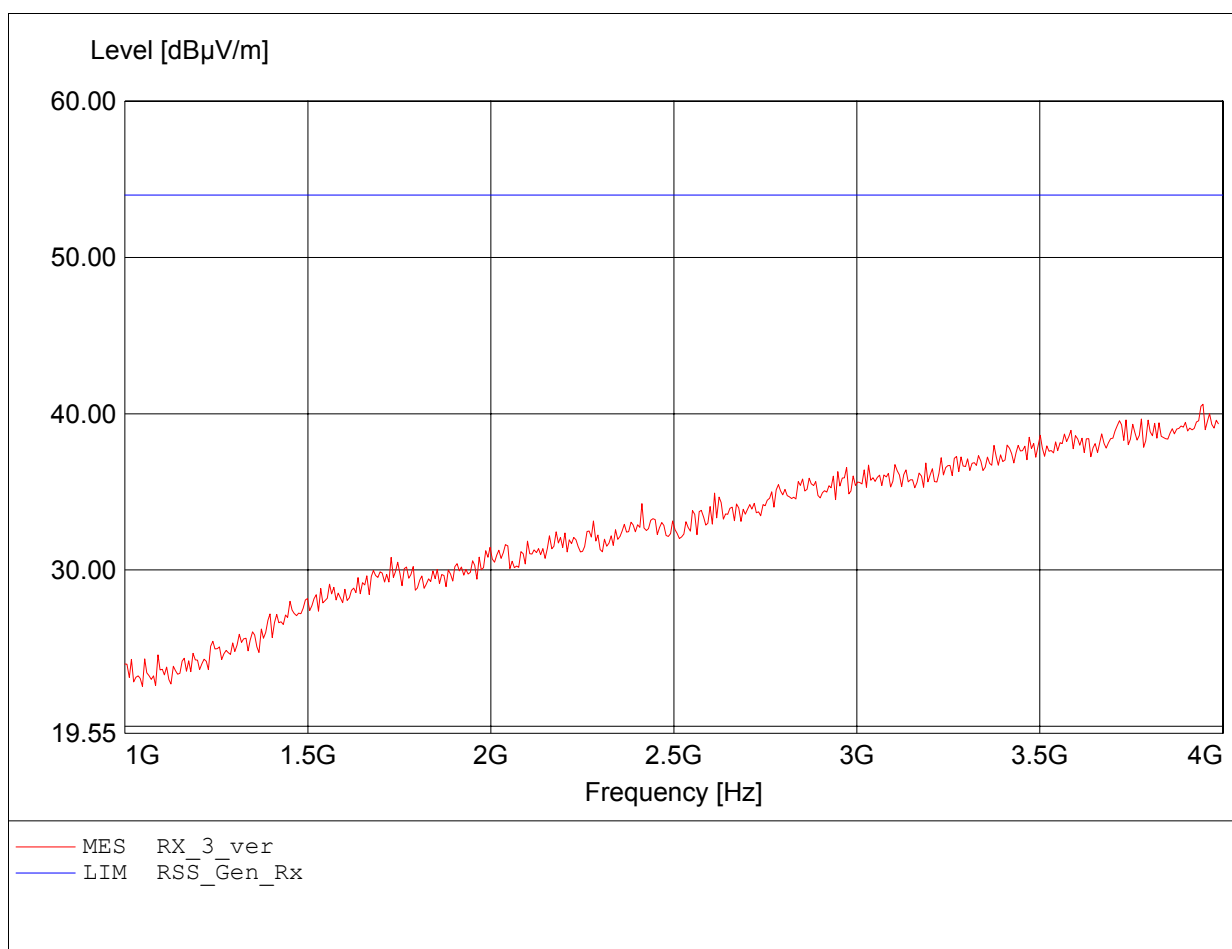
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: PP RX_Idle / Antenna 1/2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: RX-mode
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:980.762MHz Emax:22.39dBµV/m RBW: 100 kHz



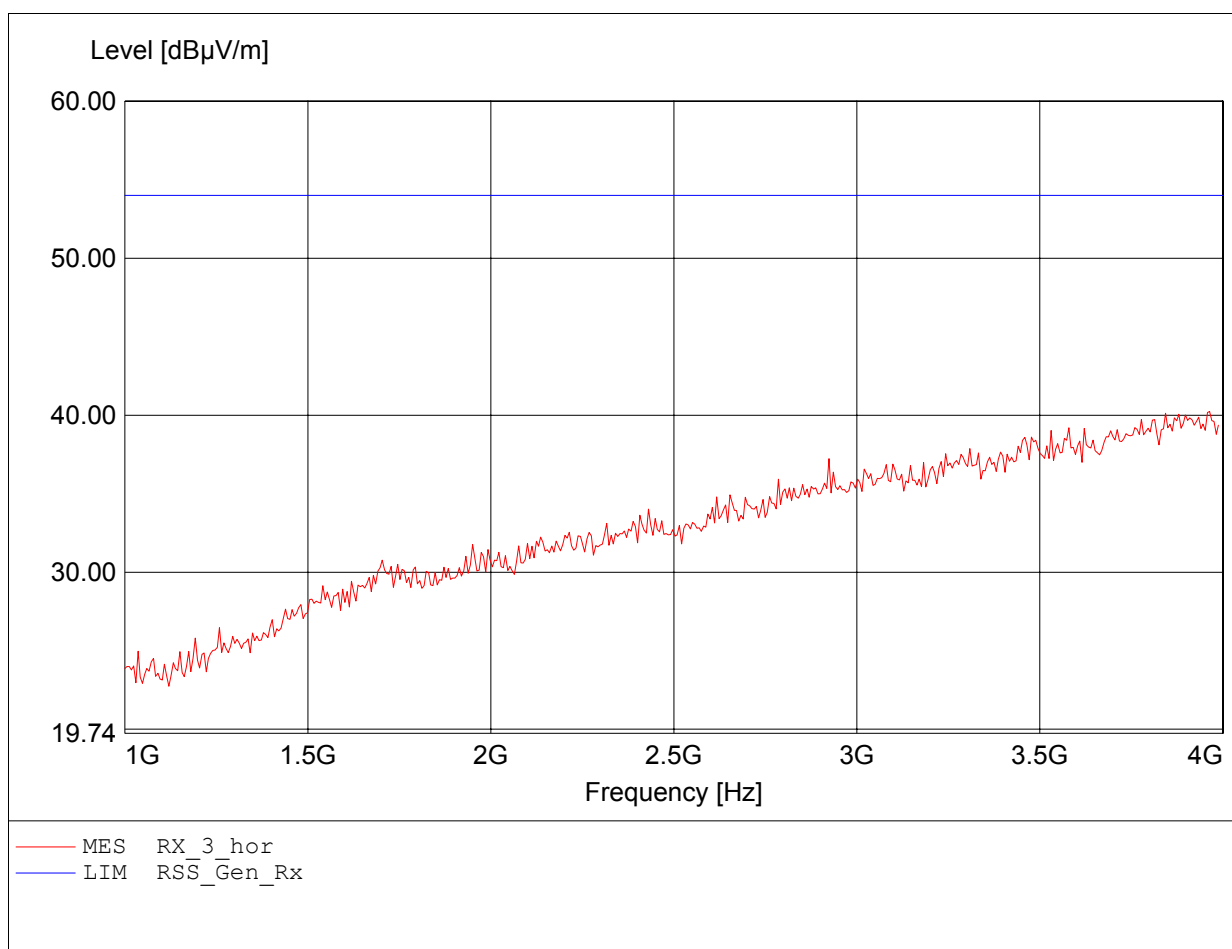
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: PP RX_Idle / Antenna 1/2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: RX-mode
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.946GHz Emax:40.61dBμV/m RBW: 1 MHz



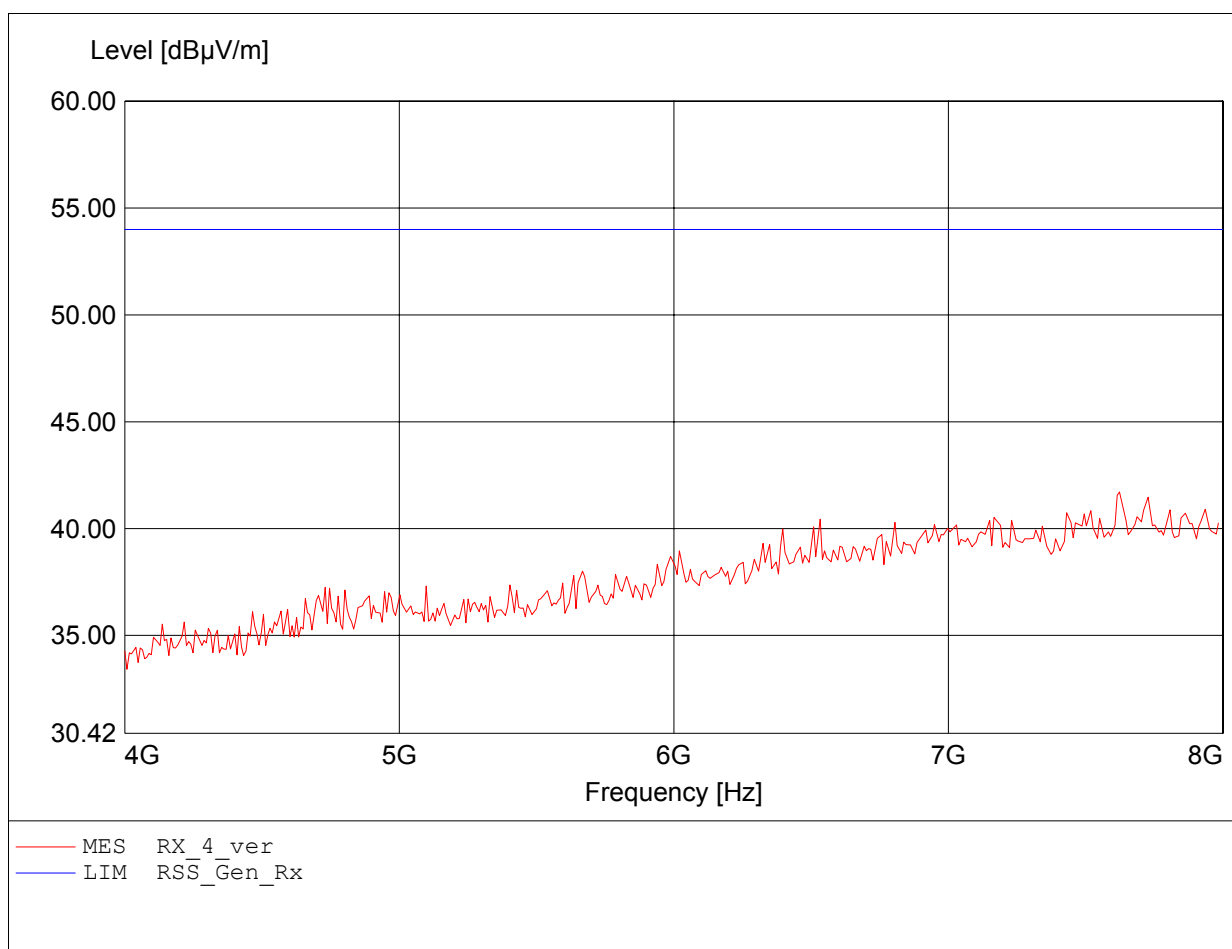
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Polycom Inc. / G0M-1109-1389
 EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
 Setup: PP RX_Idle / Antenna 1/2 / vertical position
 Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
 Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
 Test Specification: Freq. / CH: RX-mode
 Comment 1: Dist.: 3m, Ant.: HL025, ampl.
 Comment 2: Freq:3.964GHz Emax:40.24dBµV/m RBW: 1 MHz



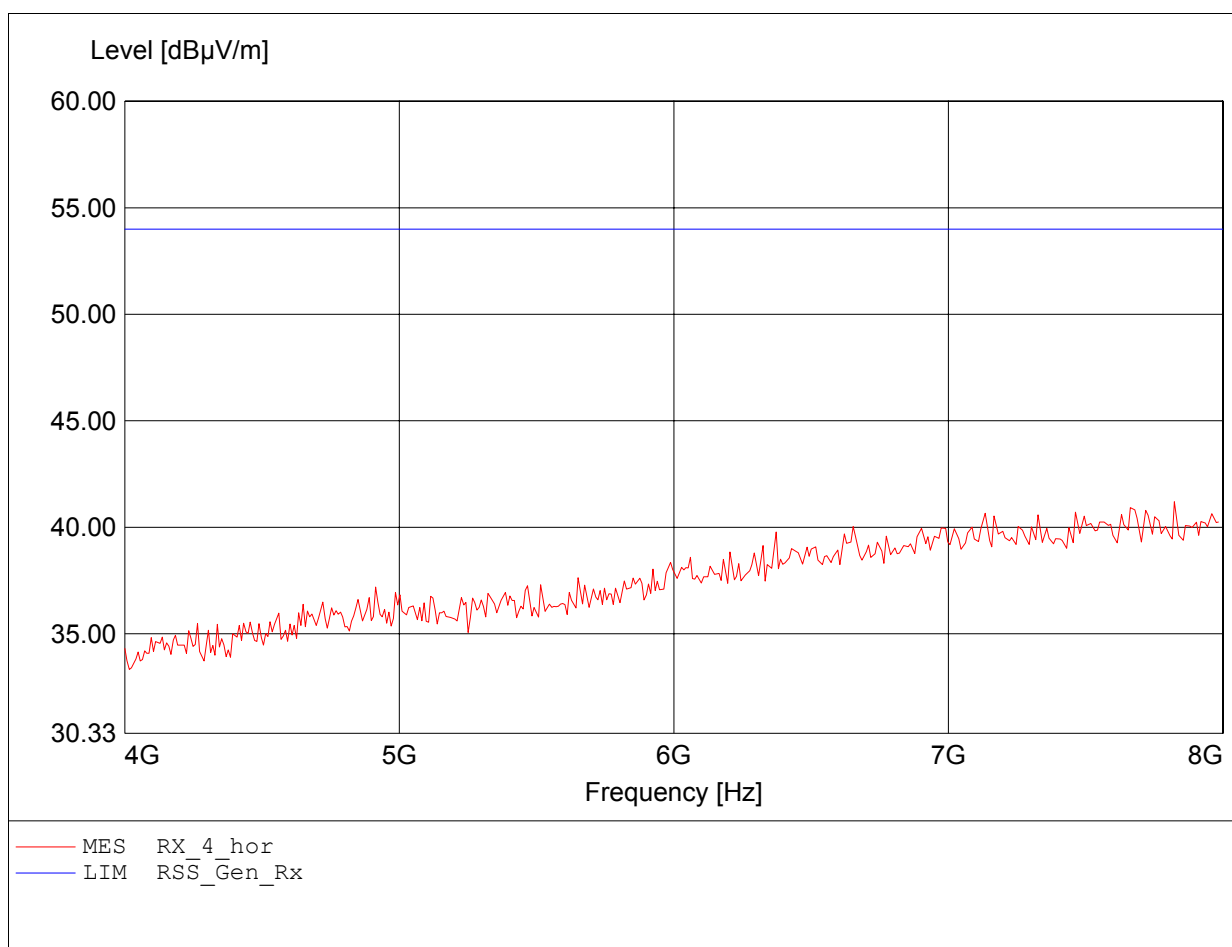
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Polycom Inc. / G0M-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: PP RX_Idle / Antenna 1/2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: RX-mode
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:7.623GHz Emax:41.71dBµV/m RBW: 1 MHz



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

Approval Holder: Polycom Inc. / GOM-1109-1389
EUT / Model: DECT UPCS handset / K001 (Kirk Butterfly)
Setup: PP RX_Idle / Antenna 1/2 / vertical position
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Condition: Tnom: 24°C / Vnom.: 2.4V DC (2x AAA Ni-MH)
Test Specification: Freq. / CH: RX-mode
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:7.824GHz Emax:41.21dBµV/m RBW: 1 MHz



Revision History

Revision	Issue Date	Revision	Revised by
01	08.02.2012	Replaced document: G0M-1109-1389-C-1 Replaced by: G0M-1109-1389-C-1_Rev01 Reason: <ul style="list-style-type: none">• Page 1: Report title changed• Page 5: Module references added• Page 7, Annex B: Radiated power added• Page 7: Technical standard reference changed• Page 9: Equipment calibration data added• Page 11: Test case description changed	C. Weber
