

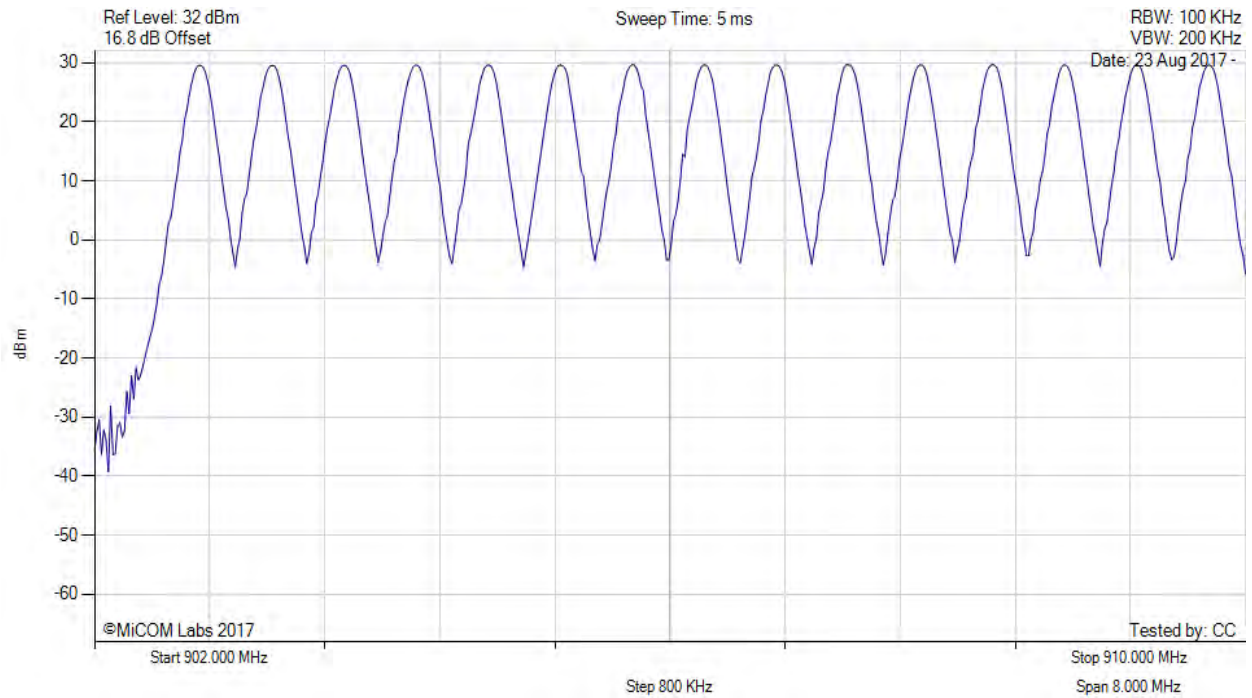


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 65 of 116



NUMBER OF HOPPING CHANNELS

Variant: 300 PR-ASK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW		Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

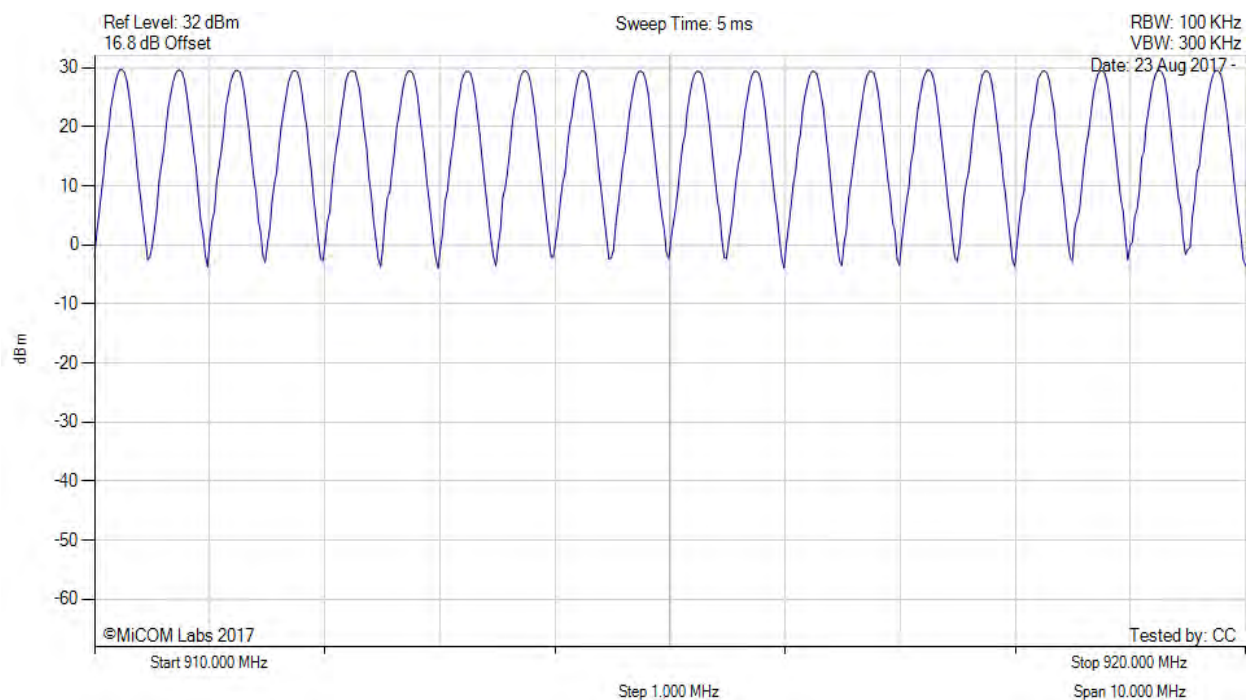


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 66 of 116



NUMBER OF HOPPING CHANNELS

Variant: 300 PR-ASK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker: Frequency: Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW		Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

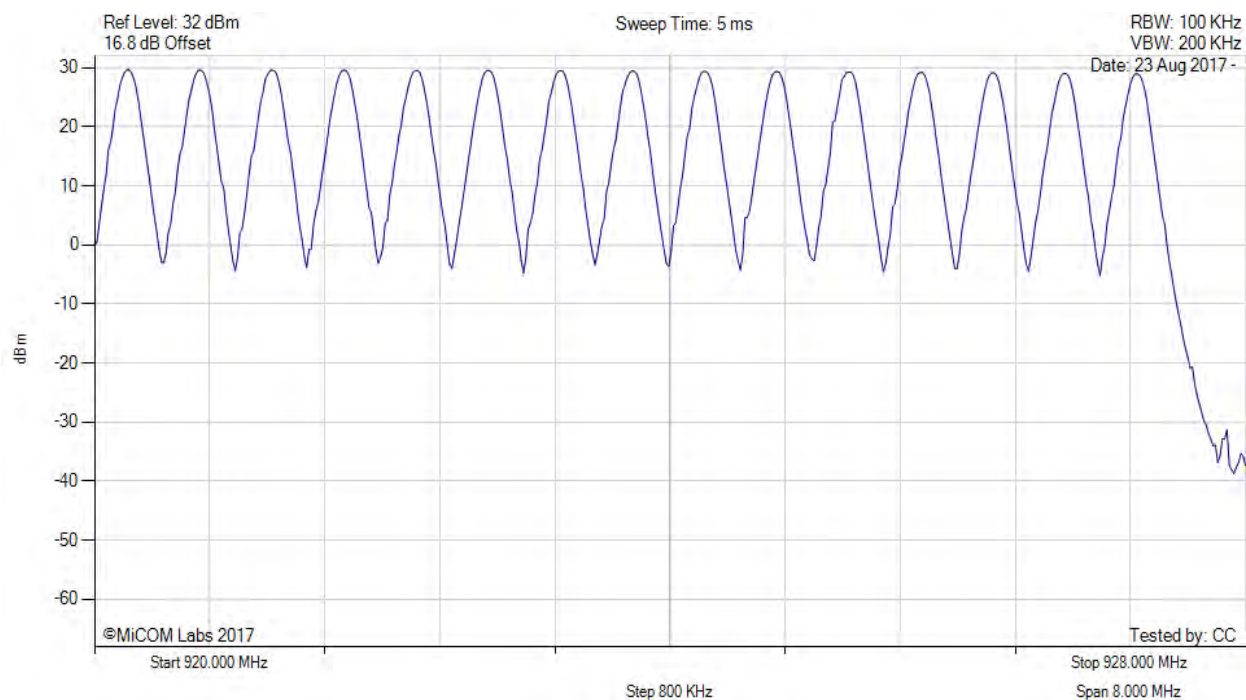


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 67 of 116



NUMBER OF HOPPING CHANNELS

Variant: 300 PR-ASK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW		Channel Frequency: 915.25 MHz

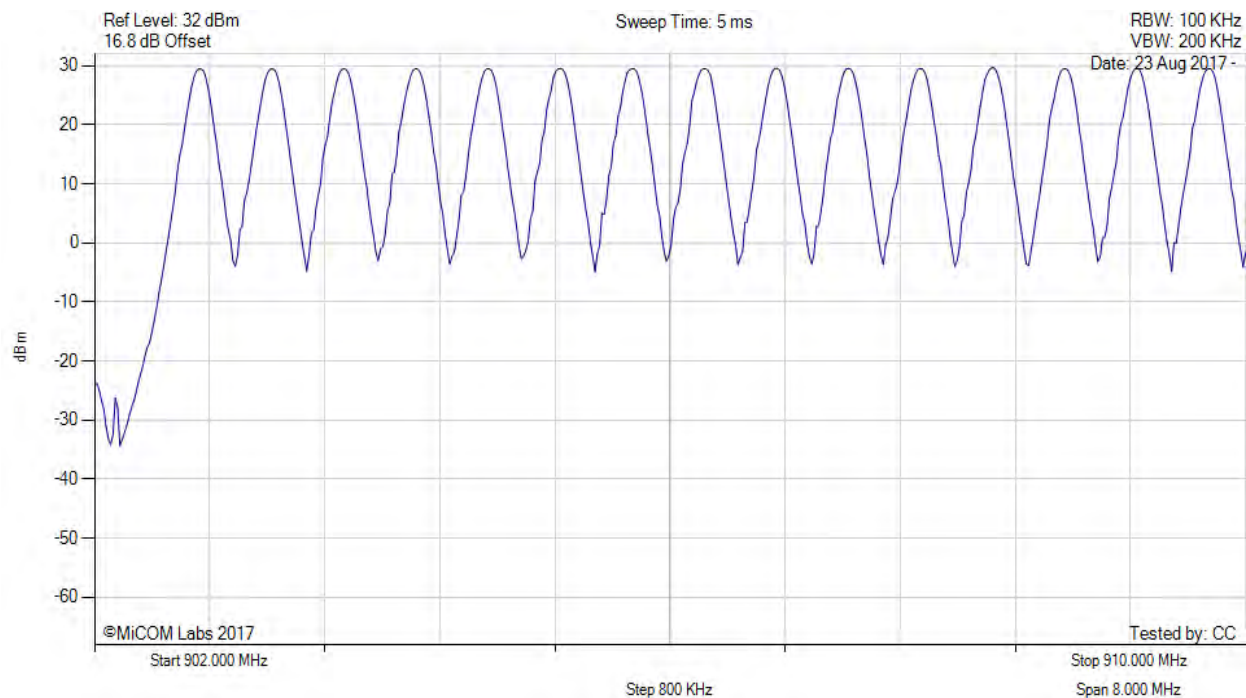
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



NUMBER OF HOPPING CHANNELS

Variant: 40 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW		Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

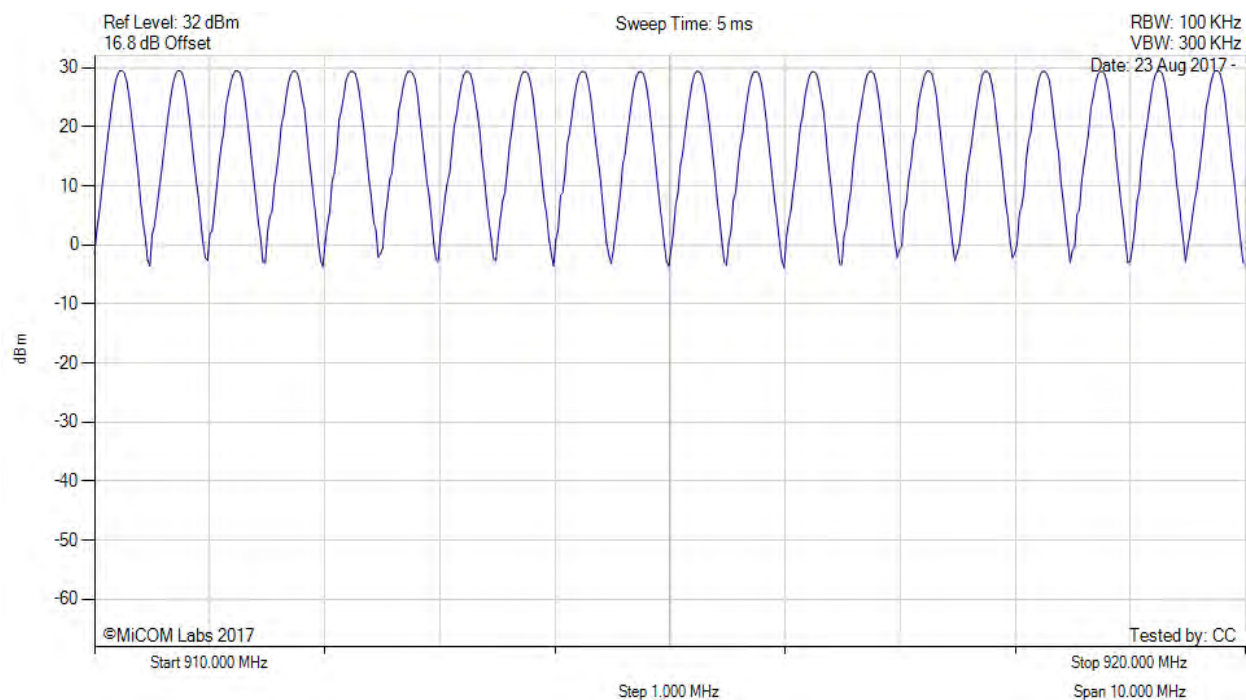


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 69 of 116



NUMBER OF HOPPING CHANNELS

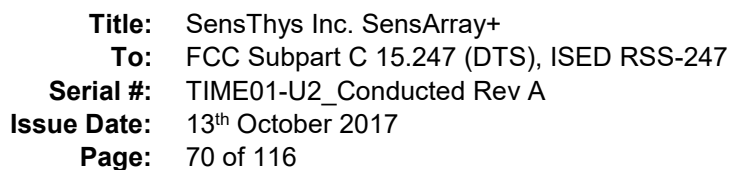
Variant: 40 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW		Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Ref Level: 32 dBm
16.8 dB Offset

Sweep Time: 5 ms

RBW: 100 KHz
VBW: 200 KHz
Date: 23 Aug 2017 -

dBm

Start 920.000 MHz

Stop 928.000 MHz

Step 800 KHz

Span 8.000 MHz

Tested by: CC

©MiCOM Labs 2017

[back to matrix](#)

MiCOM Labs, 575 Boulder Court, Pleasanton, California 94566 USA, Phone: +1 (925) 462 0304, Fax: +1 (925) 462 0306, www.micomlabs.com

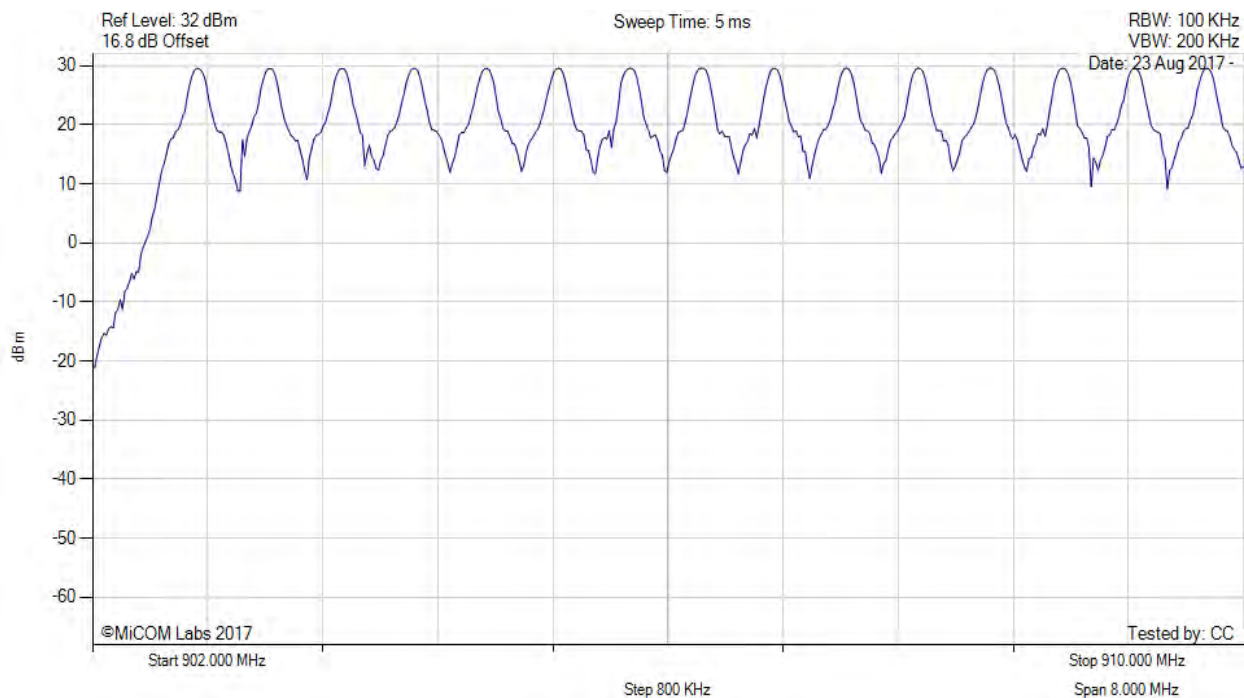


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 71 of 116



NUMBER OF HOPPING CHANNELS

Variant: 400 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW		Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

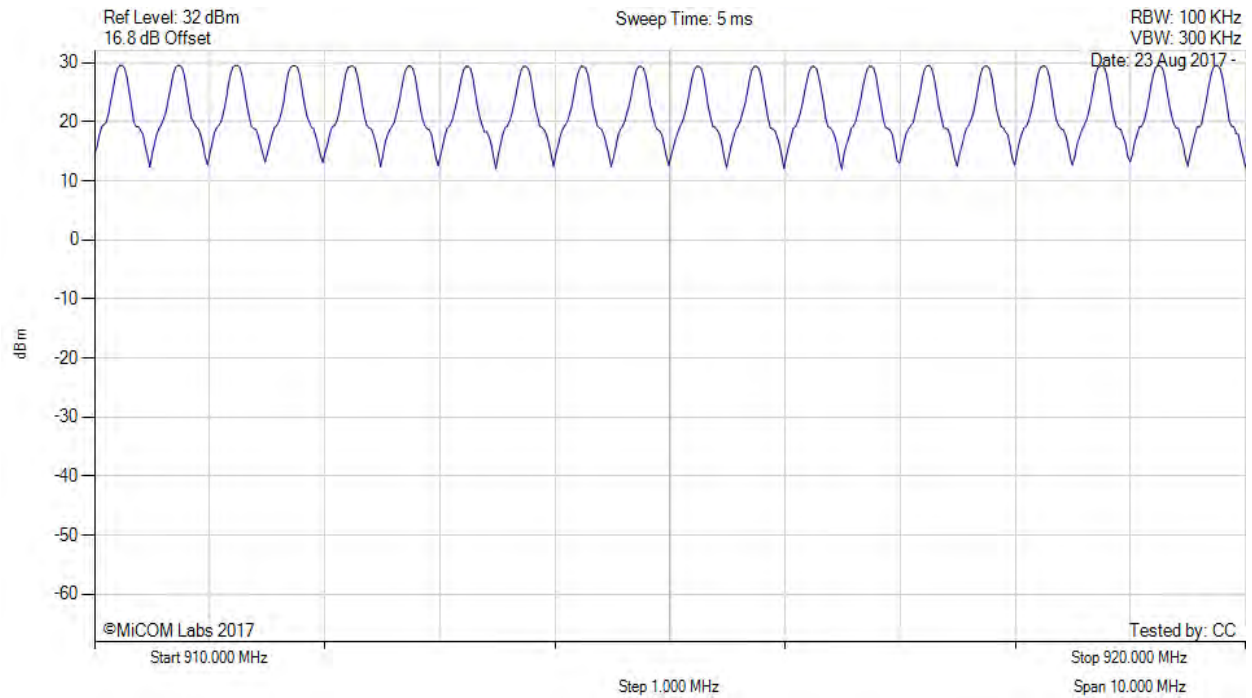


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 72 of 116



NUMBER OF HOPPING CHANNELS

Variant: 400 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW		Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

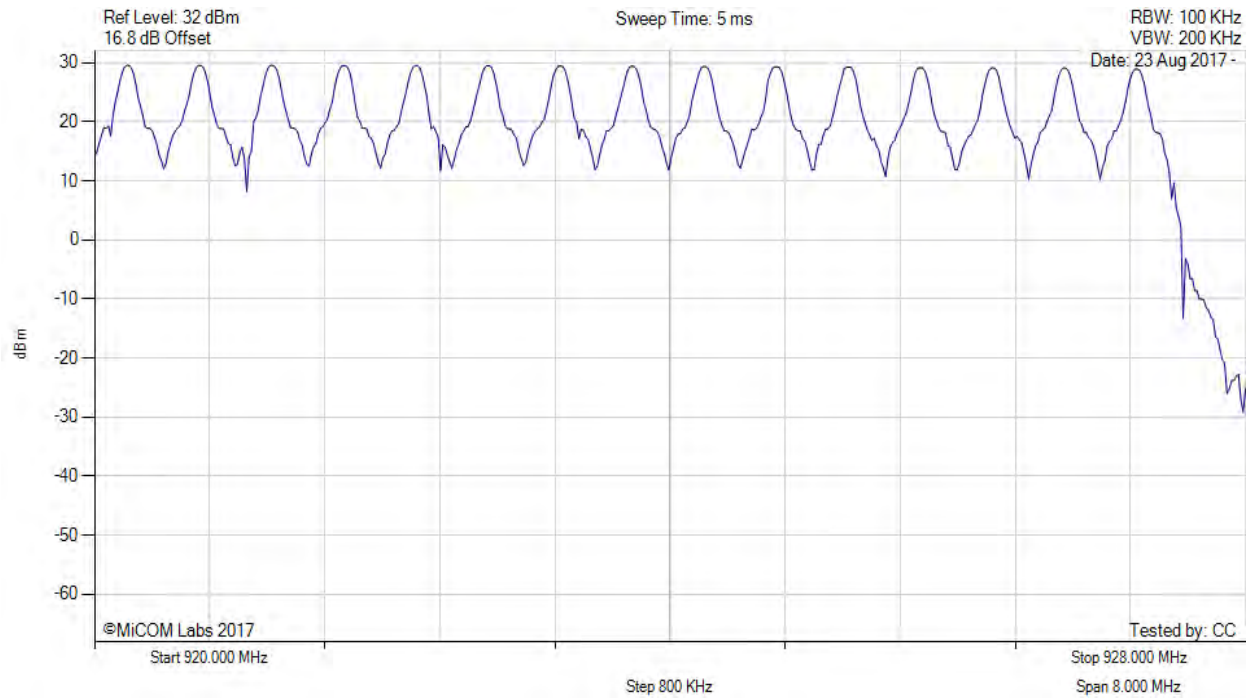


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 73 of 116



NUMBER OF HOPPING CHANNELS

Variant: 400 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc

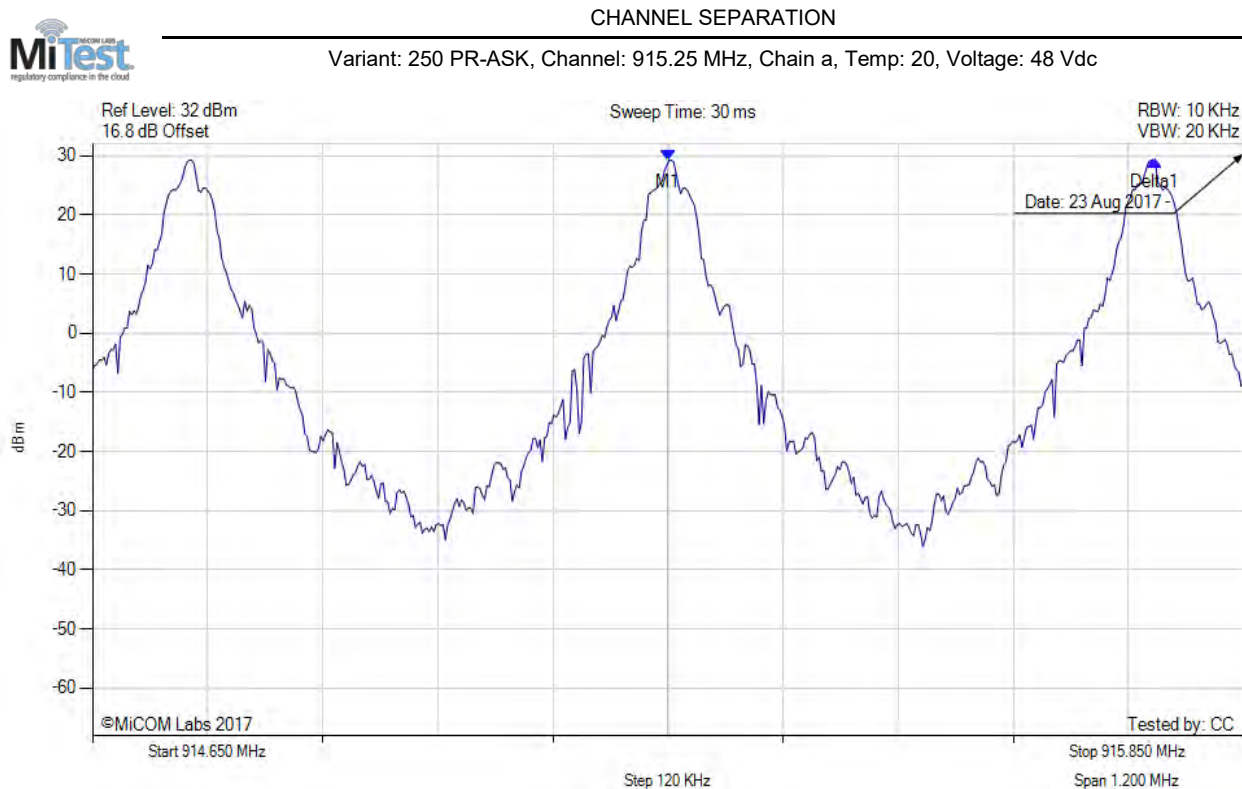


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW		Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

A.2.2. Channel Separation



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 915.250 MHz : 29.195 dBm Delta1 : 507 KHz : -0.012 dB	Channel Frequency: 915.25 MHz

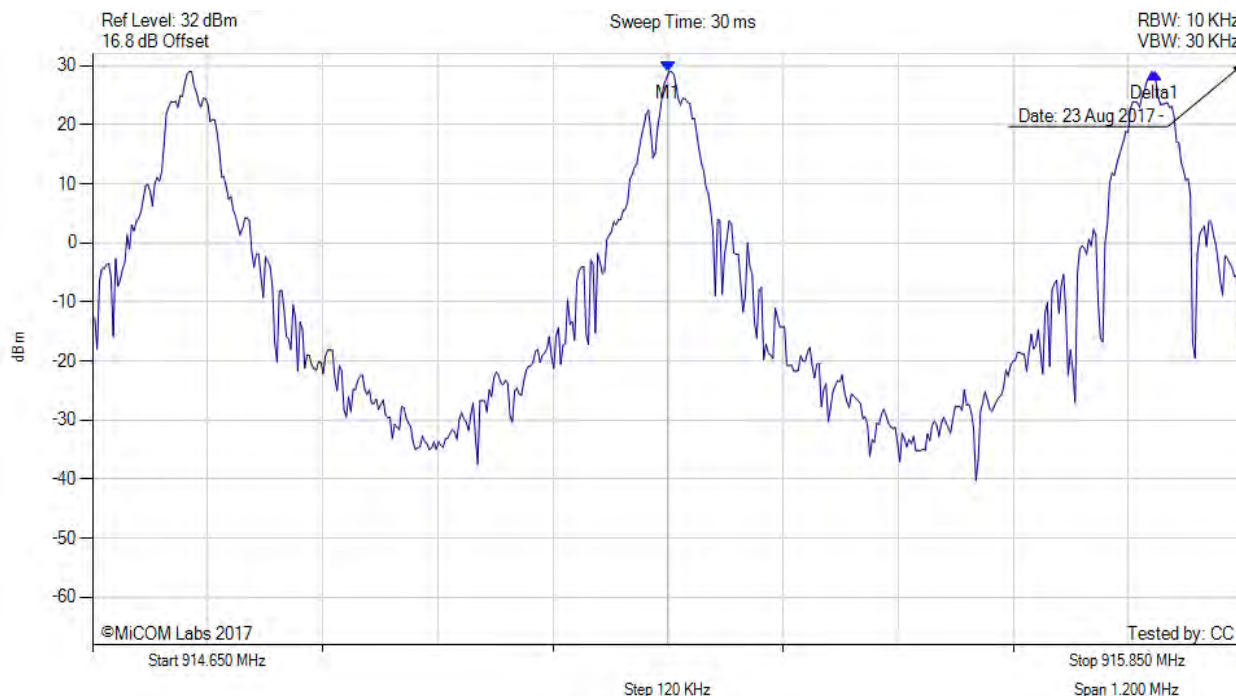
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CHANNEL SEPARATION

Variant: 300 PR-ASK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 915.250 MHz : 28.949 dBm Delta1 : 507 KHz : -0.114 dB	Channel Frequency: 915.25 MHz

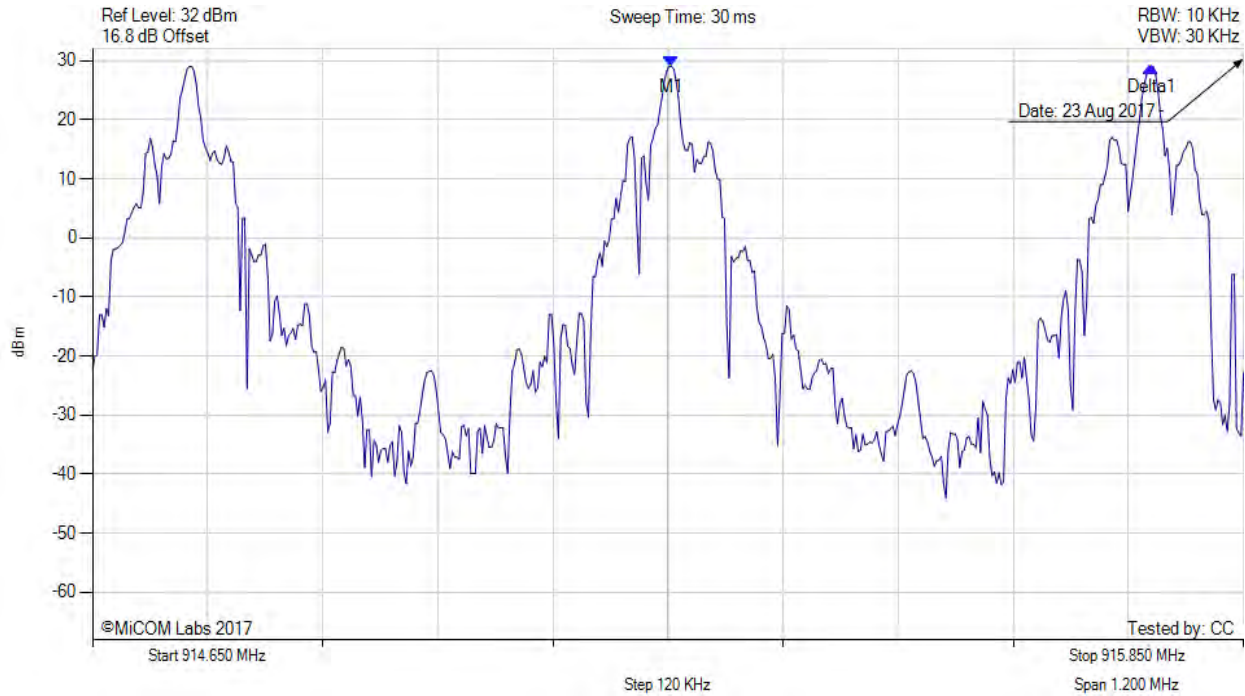
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CHANNEL SEPARATION

Variant: 40 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 915.254 MHz : 29.039 dBm Delta1 : 500 KHz : -0.028 dB	Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 77 of 116



CHANNEL SEPARATION

Variant: 400 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc

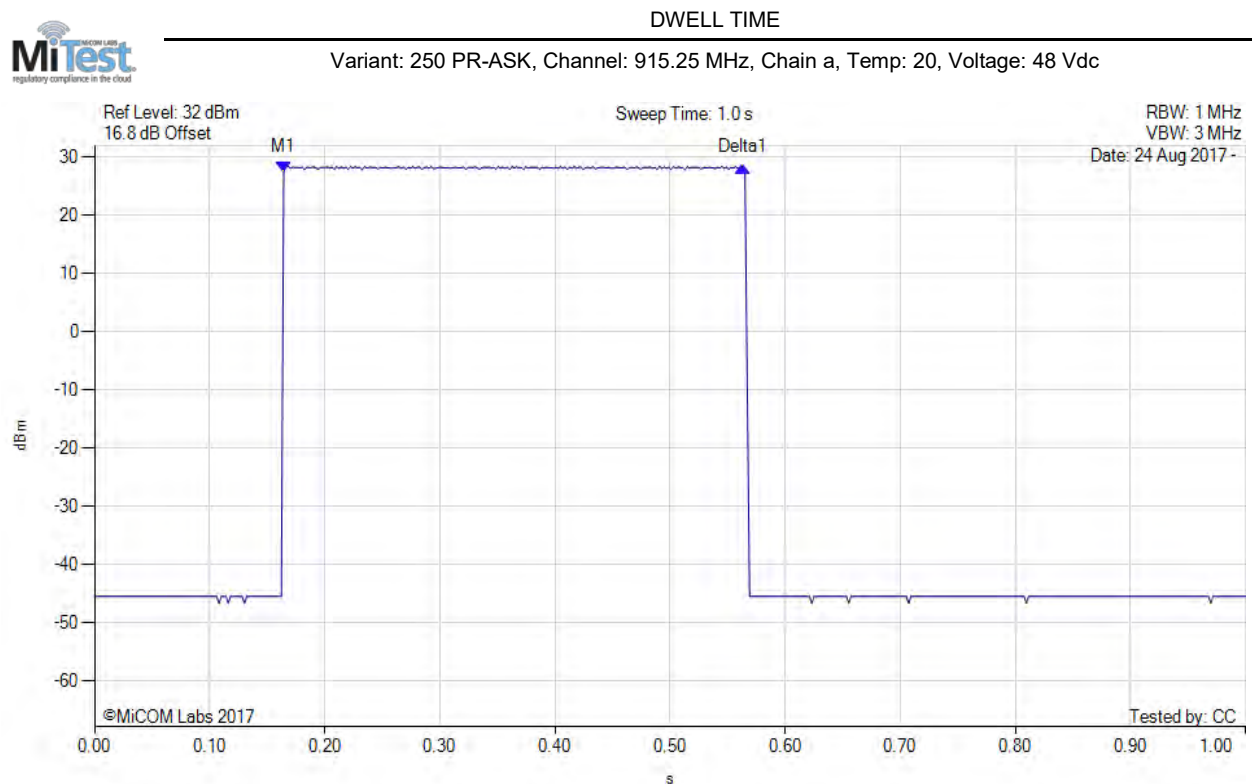


Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 915.254 MHz : 29.094 dBm Delta1 : 503 KHz : -0.252 dB	Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

A.2.3. Dwell Time

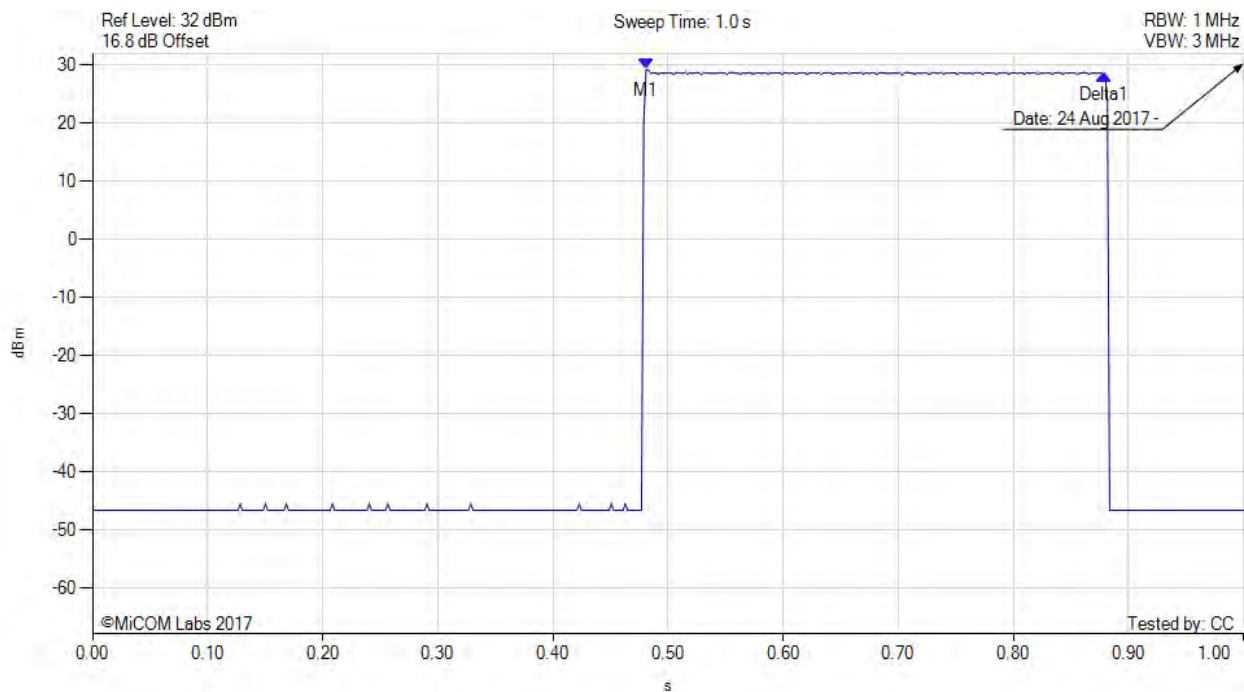


Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1(915.25 MHz) : 0.164 s : 27.386 dBm Delta1(915.25 MHz) : 0.399 s : 0.947 dB	Channel Frequency: 915.25 MHz

[back to matrix](#)

DWELL TIME

Variant: 300 PR-ASK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



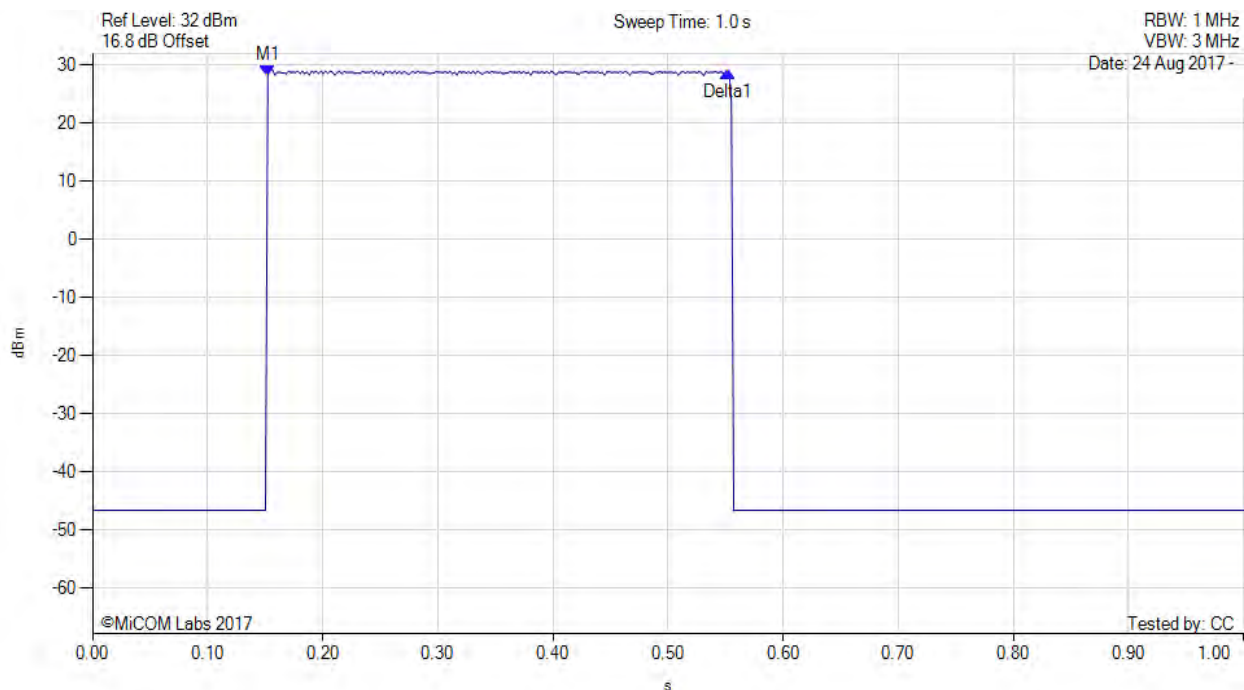
Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1(915.25 MHz) : 0.481 s : 29.269 dBm Delta1(915.25 MHz) : 0.398 s : -0.807 dB	Channel Frequency: 915.25 MHz

[back to matrix](#)



DWELL TIME

Variant: 40 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1(915.25 MHz) : 0.152 s : 28.290 dBm Delta1(915.25 MHz) : 0.400 s : 0.644 dB	Channel Frequency: 915.25 MHz

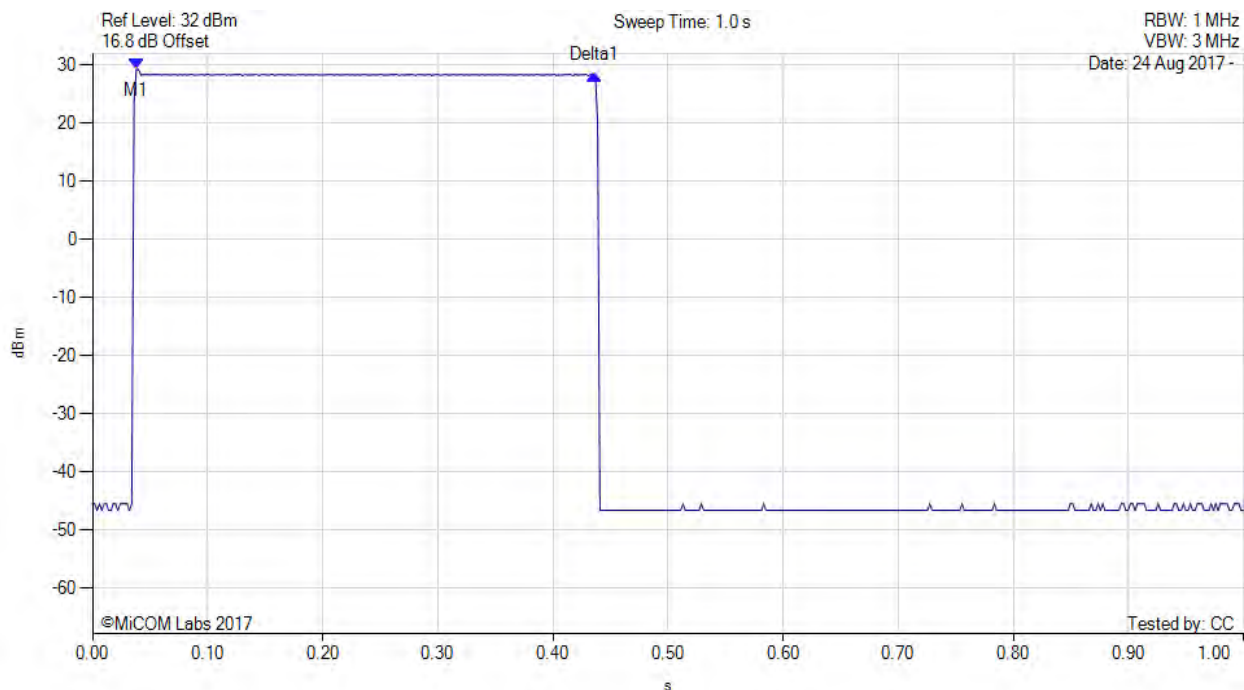
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



DWELL TIME

Variant: 400 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc

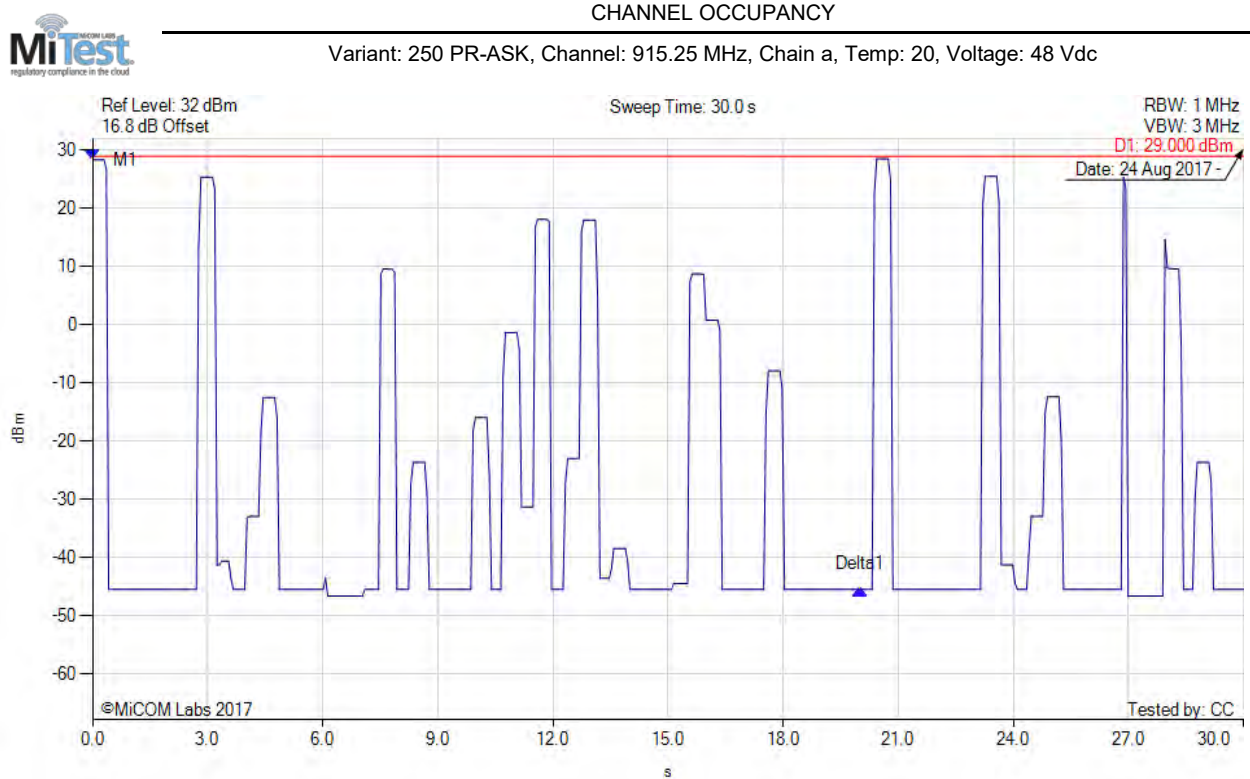


Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1(915.25 MHz) : 0.038 s : 29.283 dBm Delta1(915.25 MHz) : 0.398 s : -0.911 dB	Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

A.2.4. Channel Occupancy



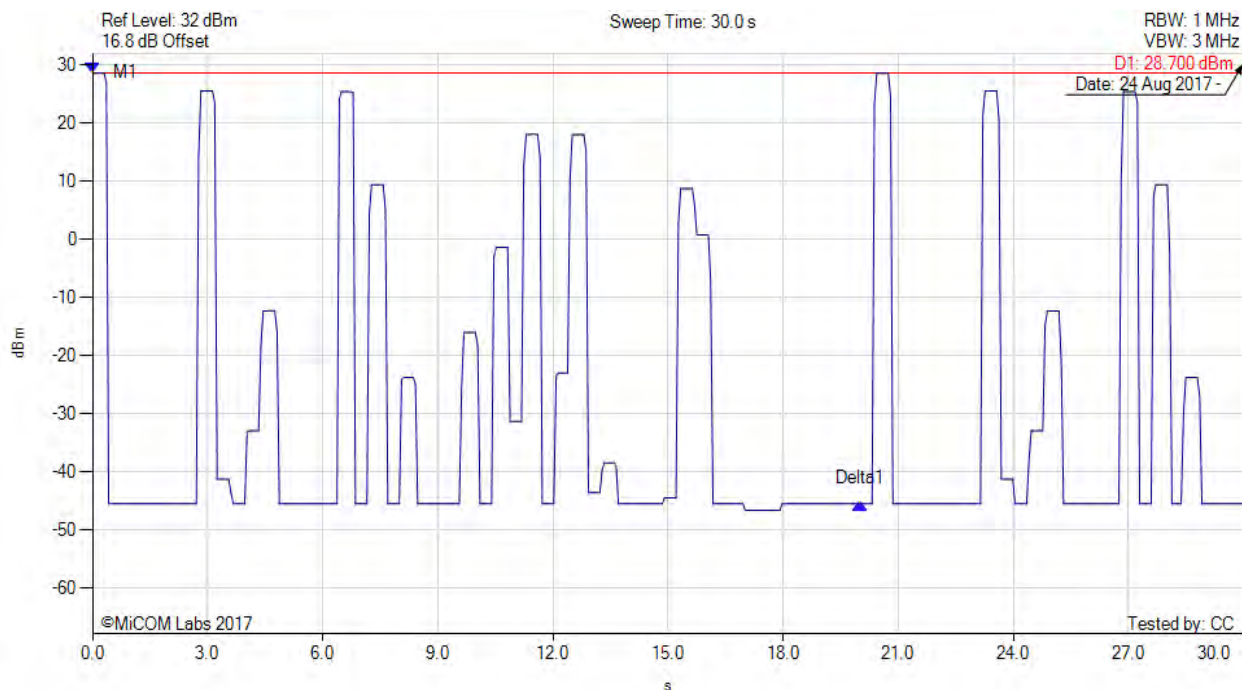
Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1(915.25 MHz) : 0.000 s : 28.442 dBm Delta1(915.25 MHz) : 20.000 s : -73.945 dB	Channel Frequency: 915.25 MHz

[back to matrix](#)



CHANNEL OCCUPANCY

Variant: 300 PR-ASK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1(915.25 MHz) : 0.000 s : 28.708 dBm Delta1(915.25 MHz) : 20.000 s : -74.211 dB	Channel Frequency: 915.25 MHz

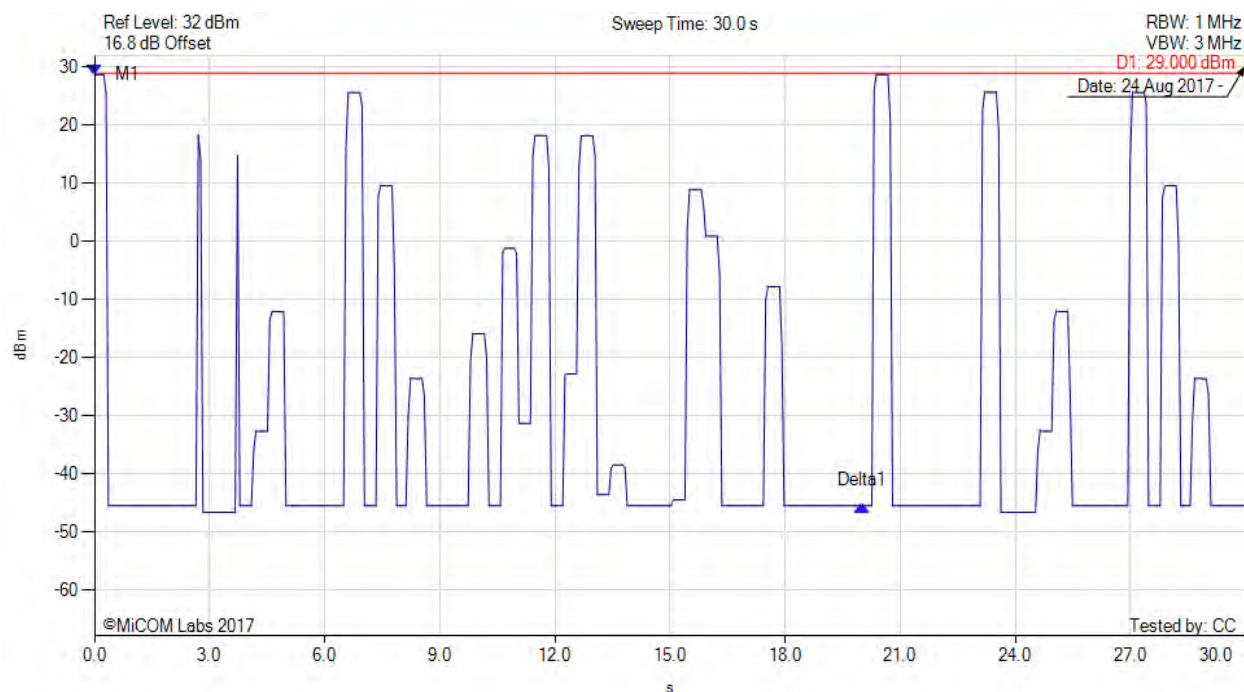
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CHANNEL OCCUPANCY

Variant: 40 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1(915.25 MHz) : 0.000 s : 28.779 dBm Delta1(915.25 MHz) : 20.000 s : -74.282 dB	Channel Frequency: 915.25 MHz

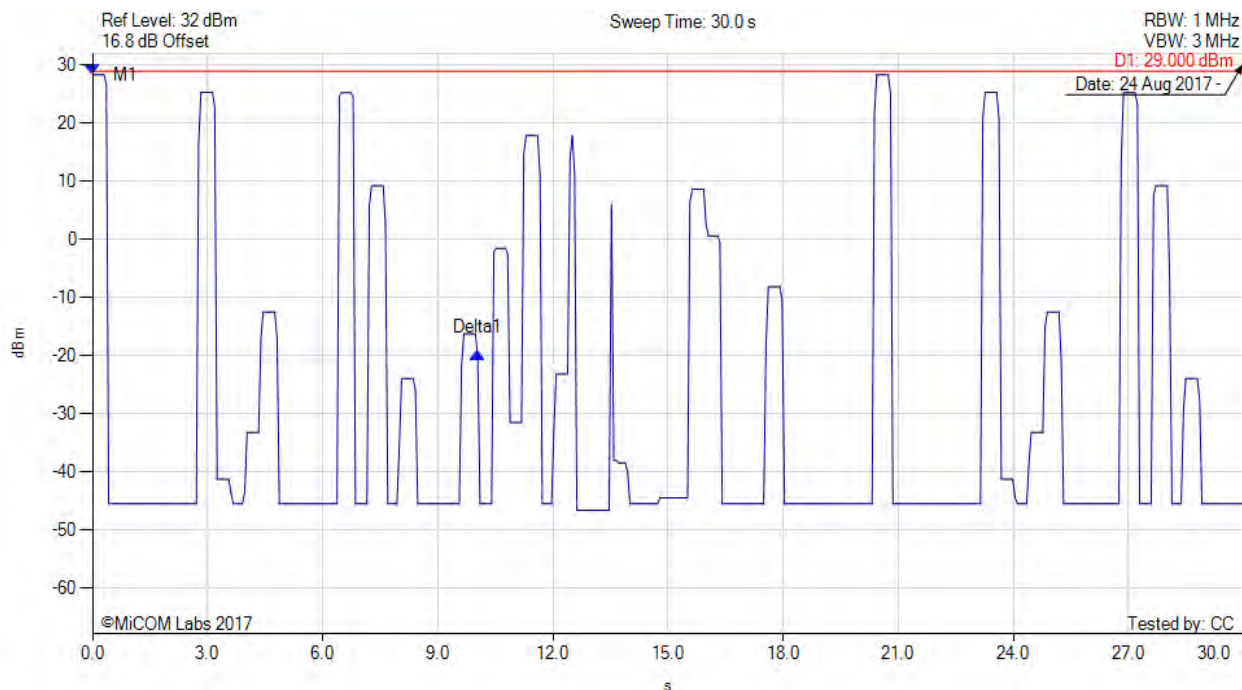
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CHANNEL OCCUPANCY

Variant: 400 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = RMS Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1(915.25 MHz) : 0.000 s : 28.461 dBm Delta1(915.25 MHz) : 10.000 s : -48.044 dB	Channel Frequency: 915.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

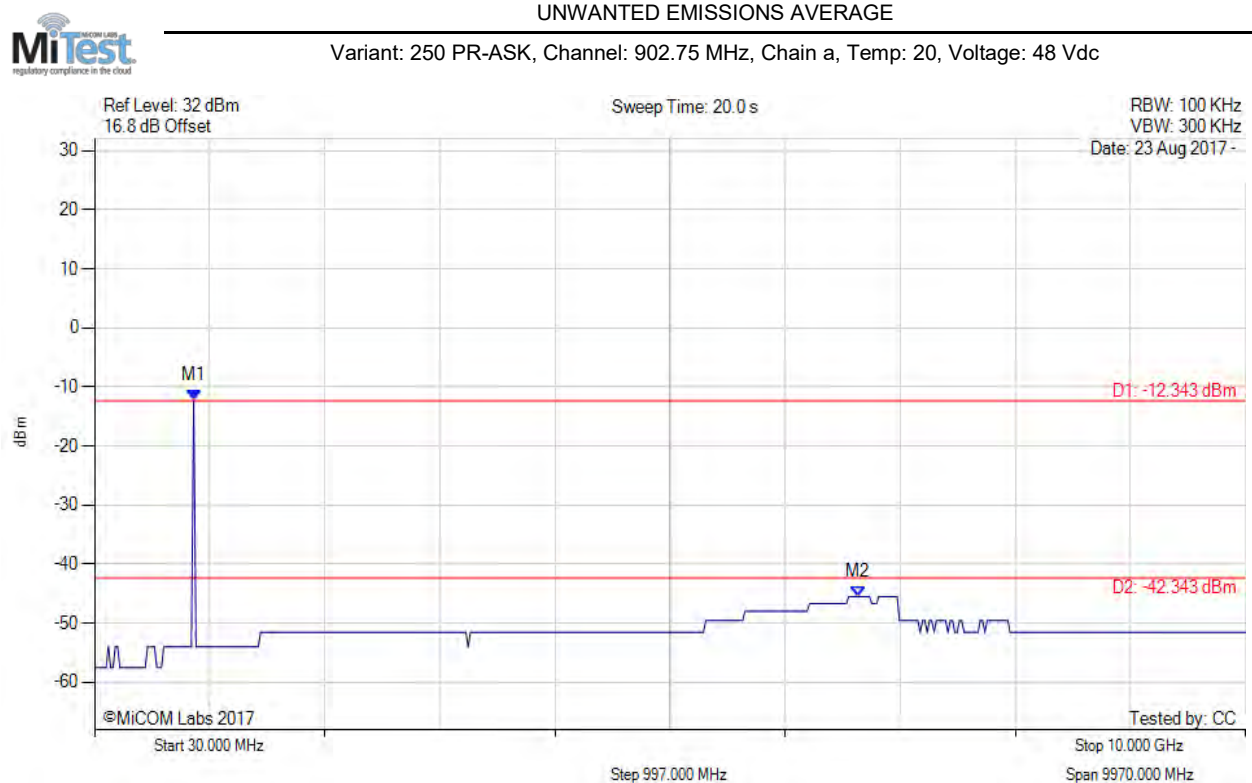


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 86 of 116

A.3. Emissions

A.3.1. Conducted Emissions

A.3.1.1. Conducted Unwanted Spurious Emissions



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 889.138 MHz : -12.343 dBm M2 : 6643.367 MHz : -45.504 dBm	Limit: -42.34 dBm Margin: -3.16 dB

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

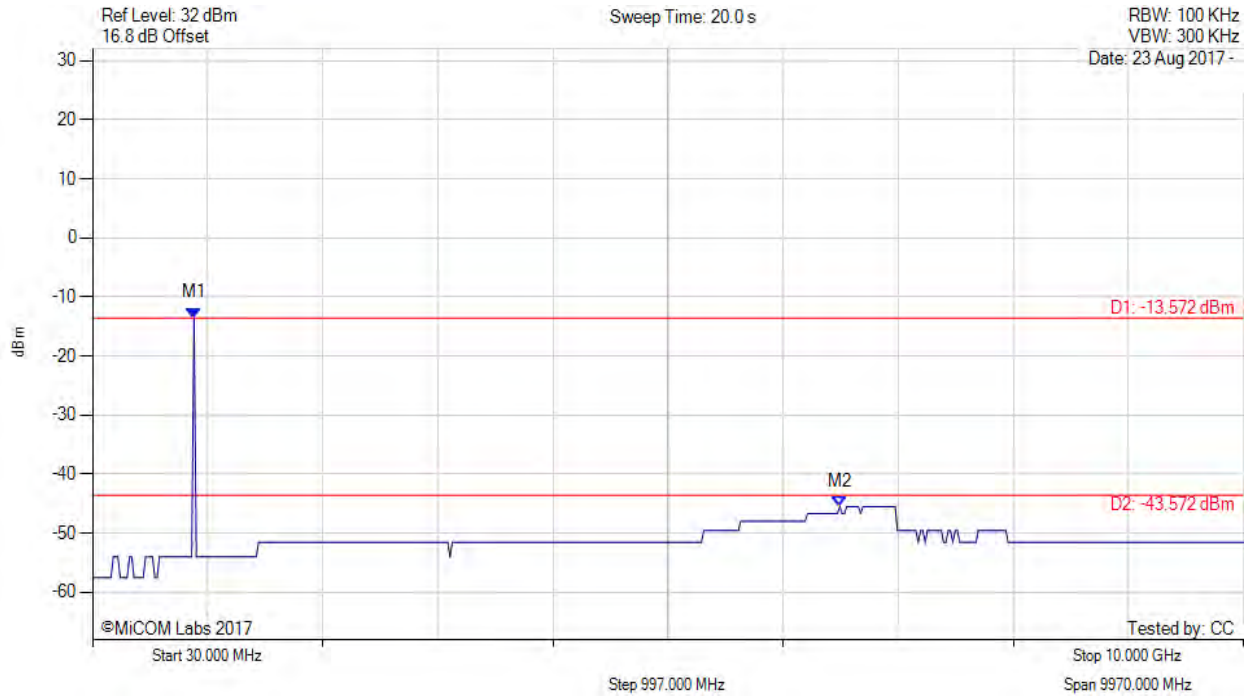


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 87 of 116



UNWANTED EMISSIONS AVERAGE

Variant: 250 PR-ASK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 909.118 MHz : -13.572 dBm M2 : 6503.507 MHz : -45.504 dBm	Limit: -43.57 dBm Margin: -1.93 dB

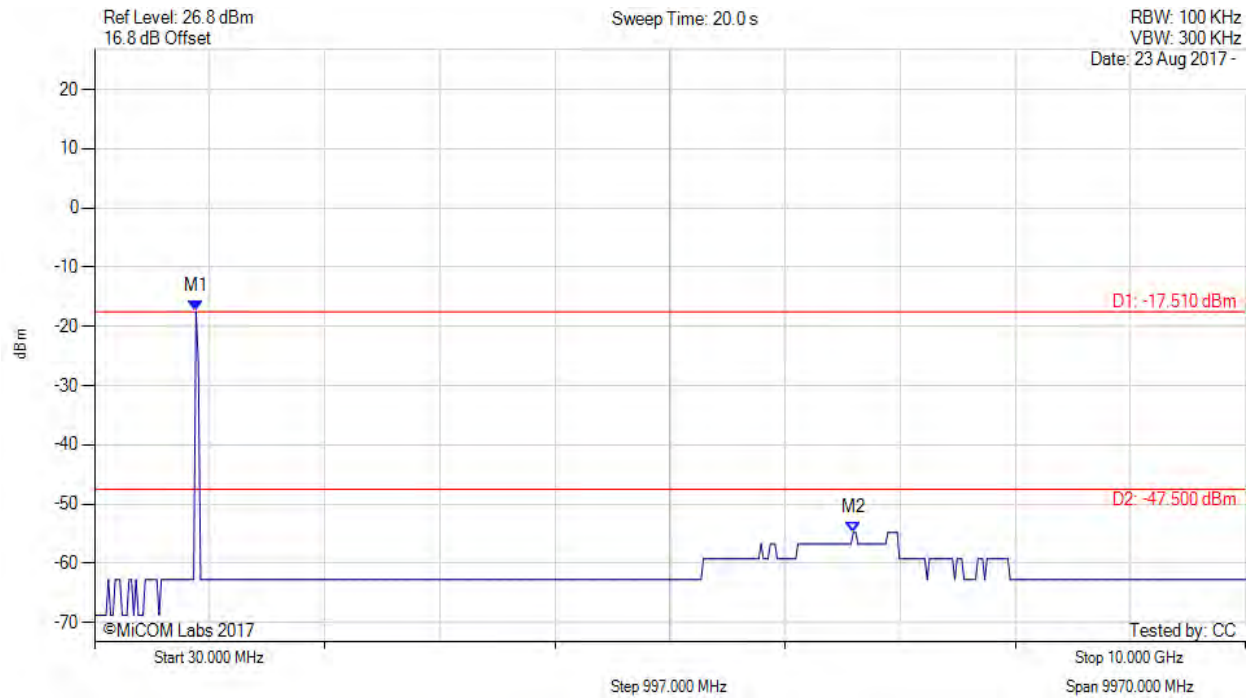
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



UNWANTED EMISSIONS AVERAGE

Variant: 250 PR-ASK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 909.118 MHz : -17.496 dBm M2 : 6603.407 MHz : -54.786 dBm	Limit: -47.50 dBm Margin: -7.29 dB

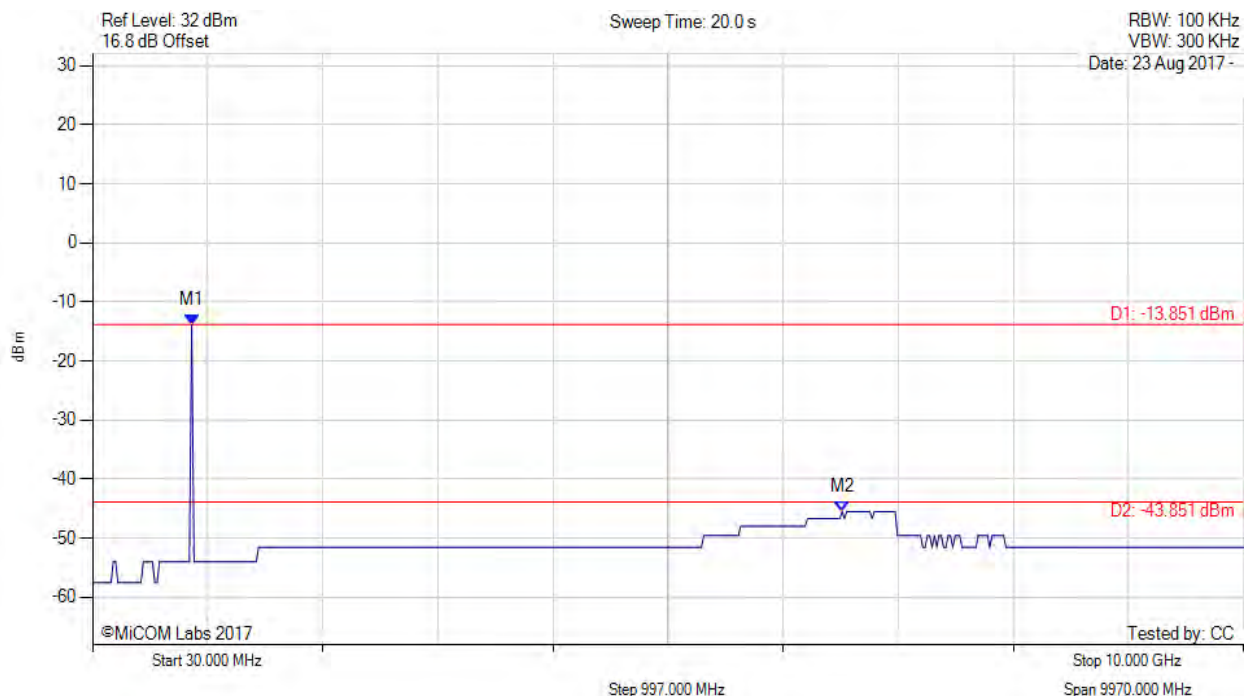
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



UNWANTED EMISSIONS AVERAGE

Variant: 300 PR-ASK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



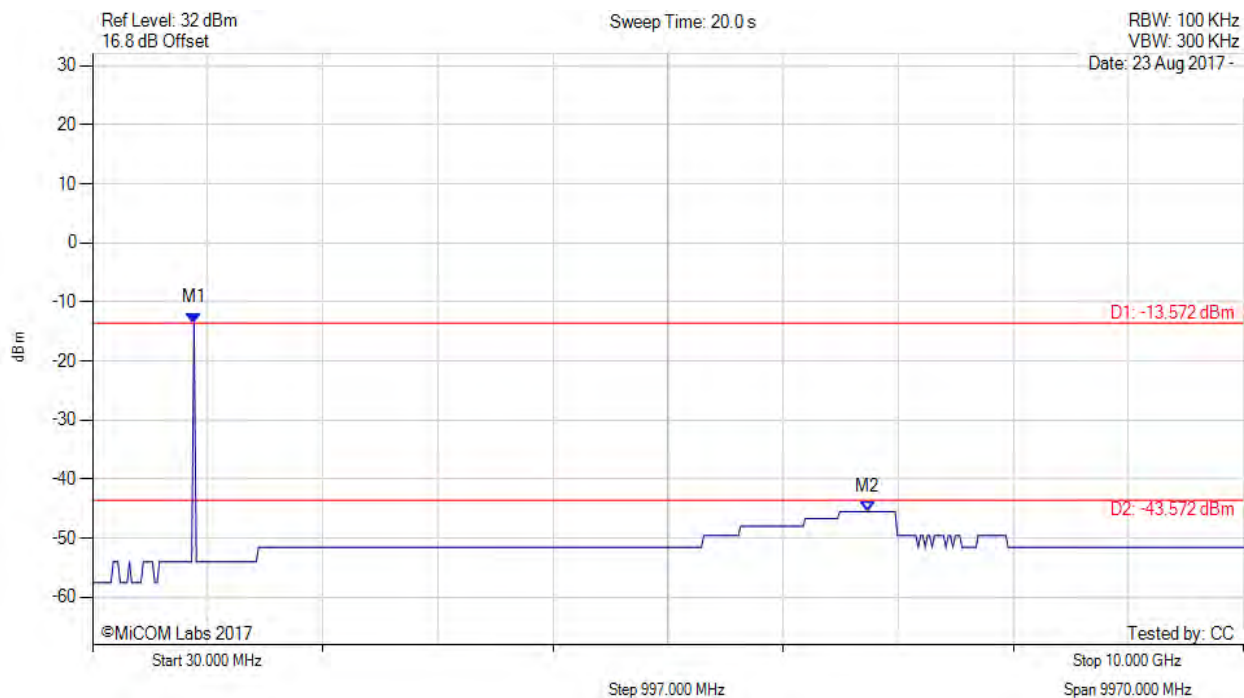
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 889.138 MHz : -13.851 dBm M2 : 6523.487 MHz : -45.504 dBm	Limit: -43.85 dBm Margin: -1.65 dB

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

UNWANTED EMISSIONS AVERAGE

Variant: 300 PR-ASK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



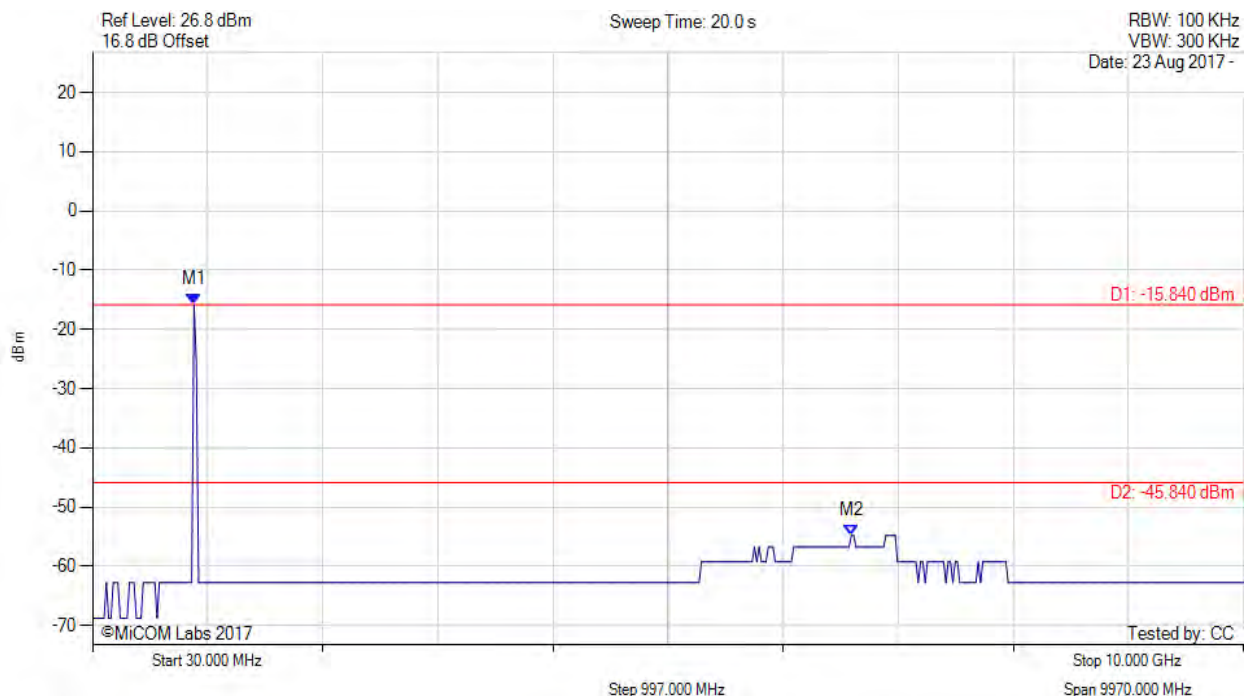
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 909.118 MHz : -13.572 dBm M2 : 6743.267 MHz : -45.504 dBm	Limit: -43.57 dBm Margin: -1.93 dB

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

UNWANTED EMISSIONS AVERAGE

Variant: 300 PR-ASK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



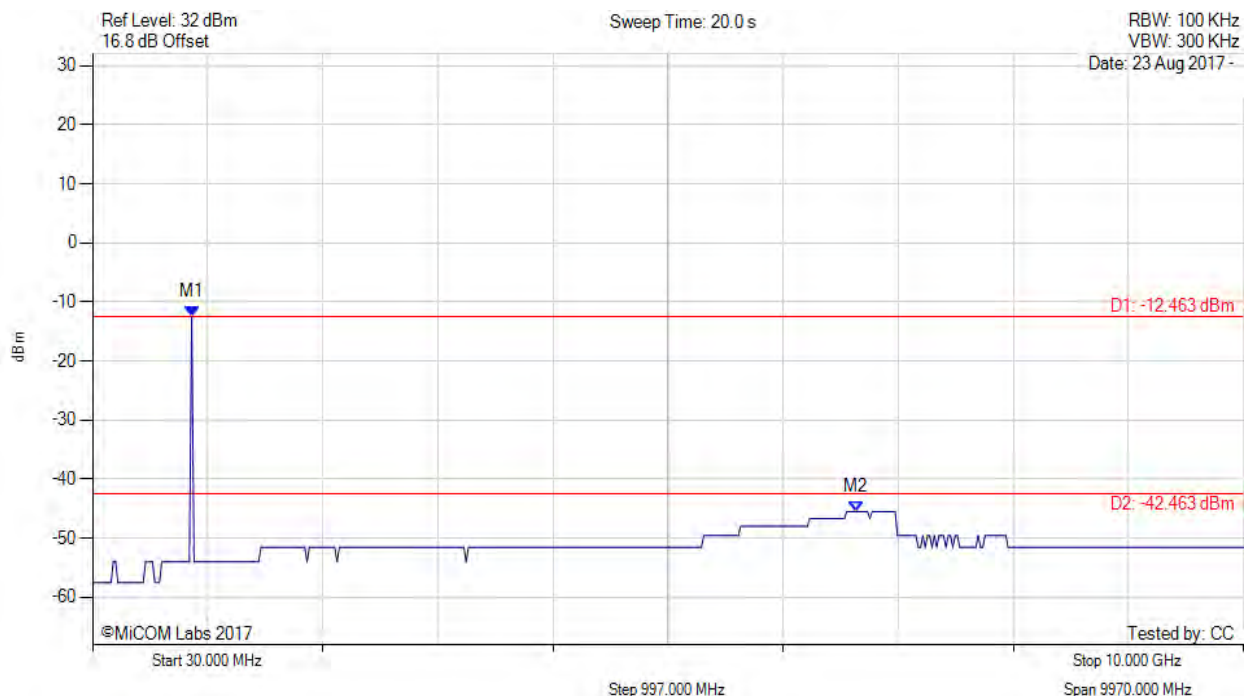
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 909.118 MHz : -15.837 dBm M2 : 6603.407 MHz : -54.786 dBm	Limit: -45.84 dBm Margin: -8.95 dB

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

UNWANTED EMISSIONS AVERAGE

Variant: 40 DSB-AFK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 889.138 MHz : -12.463 dBm M2 : 6643.367 MHz : -45.504 dBm	Limit: -42.46 dBm Margin: -3.04 dB

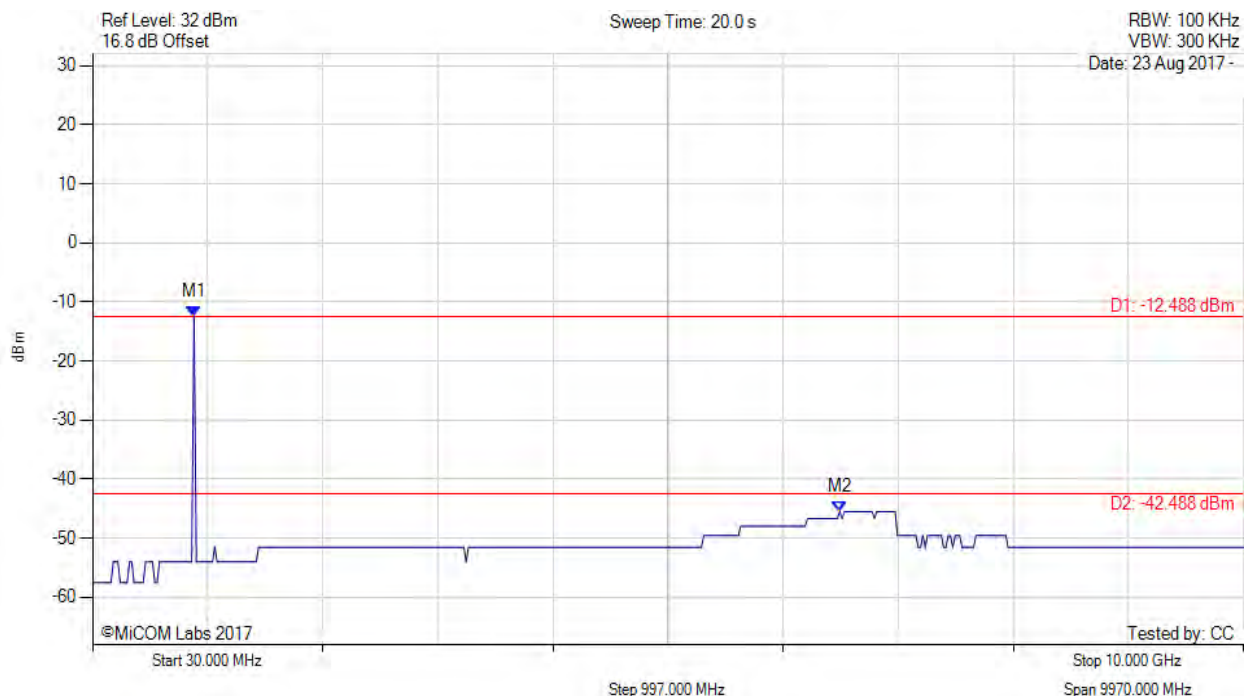
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



UNWANTED EMISSIONS AVERAGE

Variant: 40 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



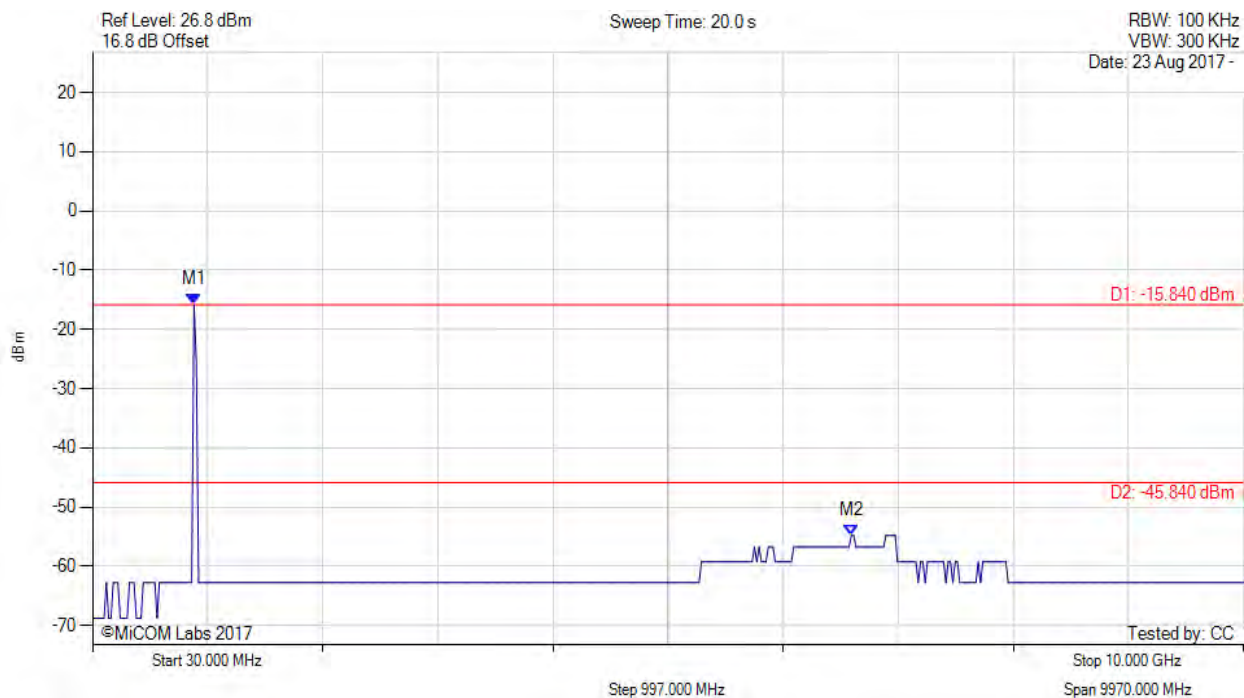
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 909.118 MHz : -12.488 dBm M2 : 6503.507 MHz : -45.504 dBm	Limit: -42.49 dBm Margin: -3.01 dB

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

UNWANTED EMISSIONS AVERAGE

Variant: 40 DSB-AFK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 909.118 MHz : -15.837 dBm M2 : 6603.407 MHz : -54.786 dBm	Limit: -45.84 dBm Margin: -8.95 dB

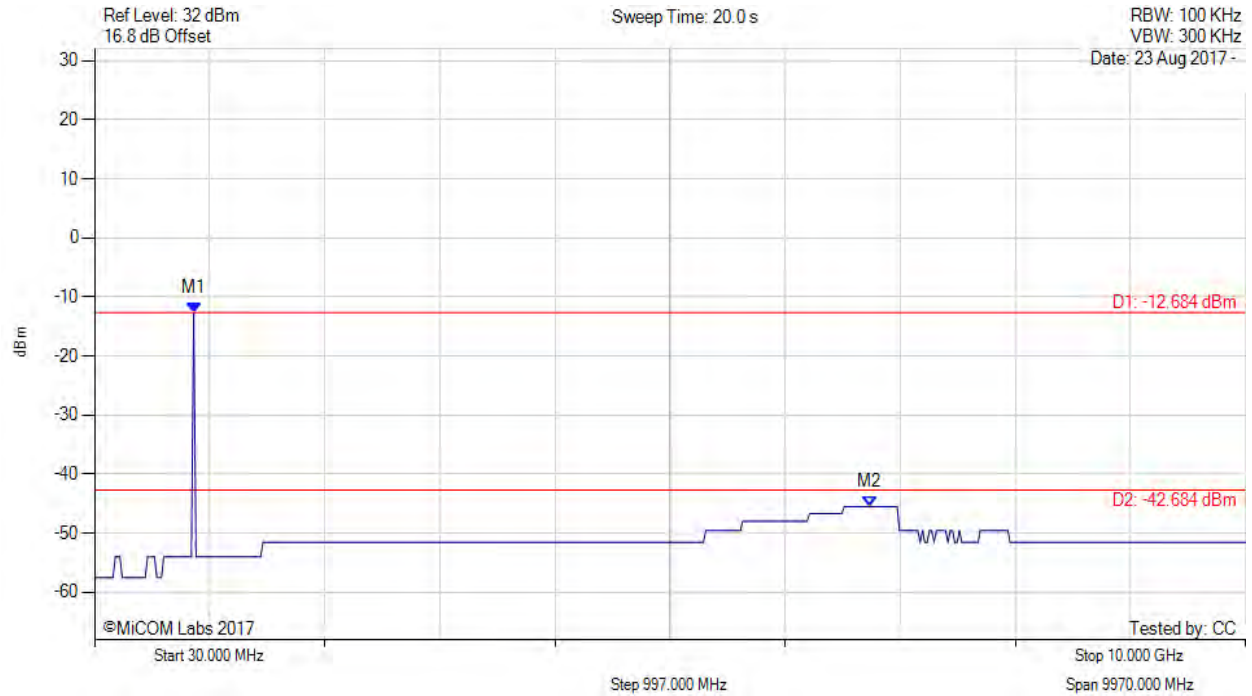
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



UNWANTED EMISSIONS AVERAGE

Variant: 400 DSB-AFK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 889.138 MHz : -12.684 dBm M2 : 6743.267 MHz : -45.504 dBm	Limit: -42.68 dBm Margin: -2.82 dB

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



UNWANTED EMISSIONS AVERAGE

Variant: 400 DSB-AFK, Channel: 915.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



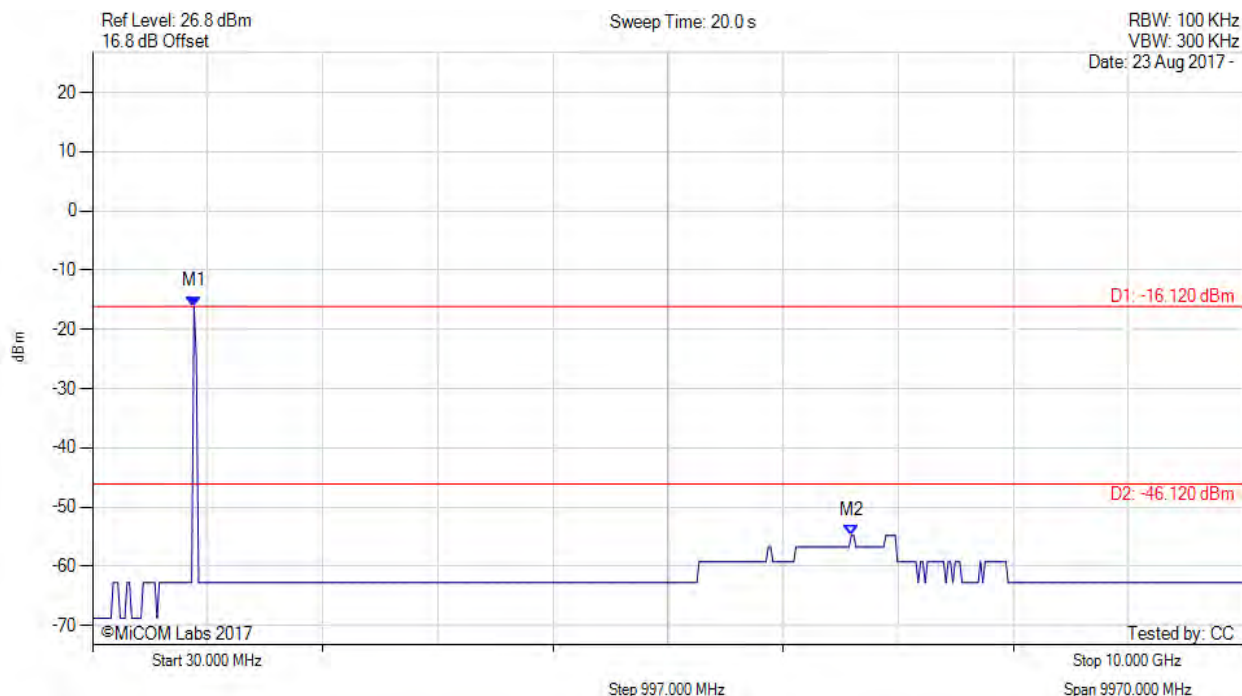
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 909.118 MHz : -12.910 dBm M2 : 6603.407 MHz : -45.504 dBm	Limit: -42.91 dBm Margin: -2.59 dB

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

UNWANTED EMISSIONS AVERAGE

Variant: 400 DSB-AFK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 909.118 MHz : -16.116 dBm M2 : 6603.407 MHz : -54.786 dBm	Limit: -46.12 dBm Margin: -8.67 dB

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



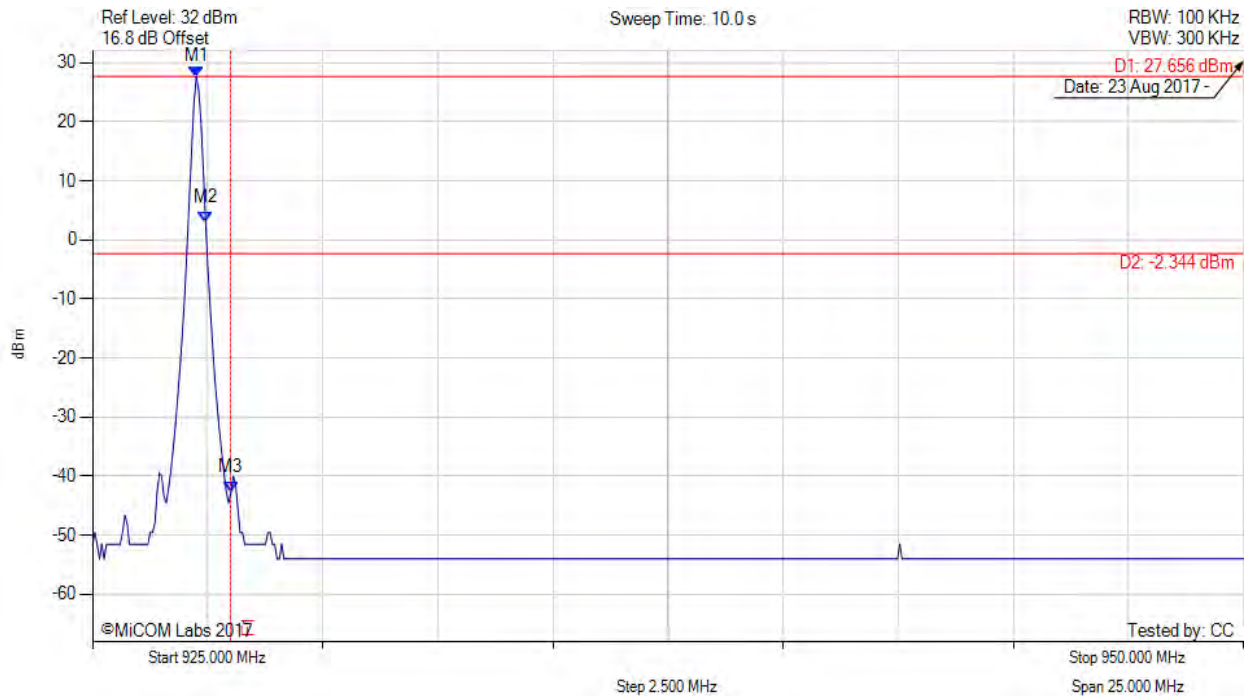
Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 98 of 116

A.3.1.2. Conducted Band-Edge Emissions



CONDUCTED UPPER BAND-EDGE EMISSIONS (STATIC) AVERAGE

Variant: 250 PR-ASK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 927.255 MHz : 27.656 dBm M2 : 927.455 MHz : 2.941 dBm M3 : 928.000 MHz : -42.737 dBm	Channel Frequency: 927.25 MHz

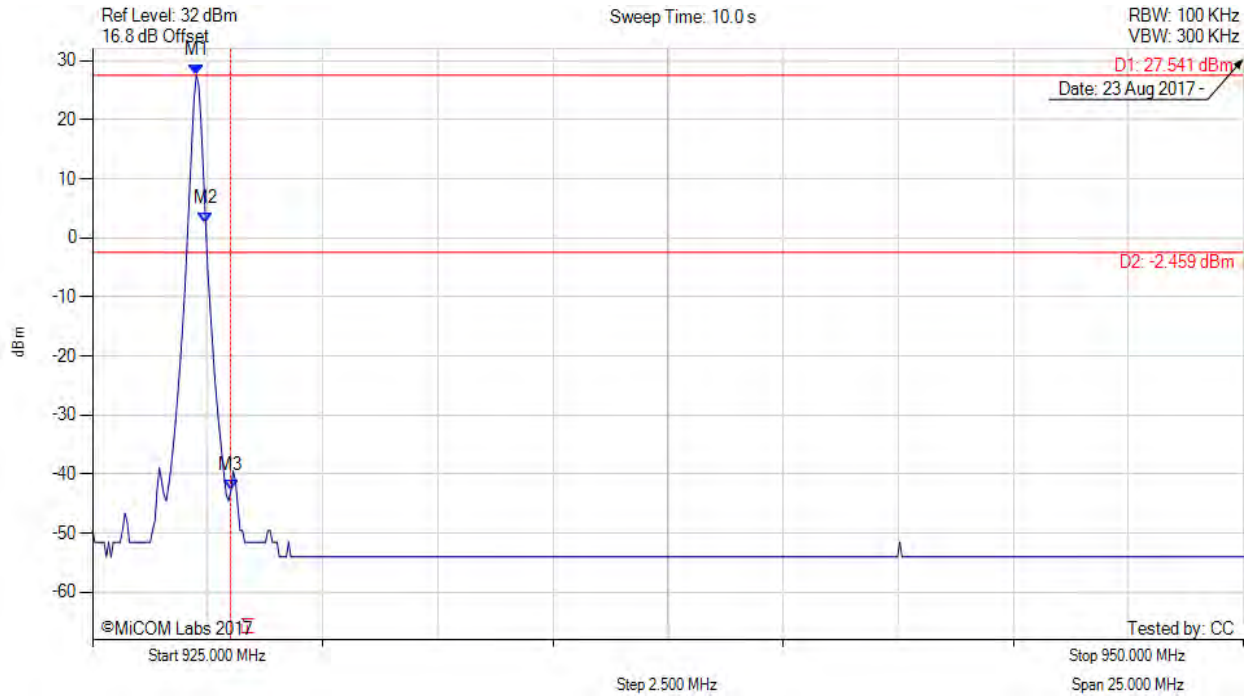
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CONDUCTED UPPER BAND-EDGE EMISSIONS (STATIC) AVERAGE

Variant: 300 PR-ASK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 927.255 MHz : 27.541 dBm M2 : 927.455 MHz : 2.563 dBm M3 : 928.000 MHz : -42.737 dBm	Channel Frequency: 927.25 MHz

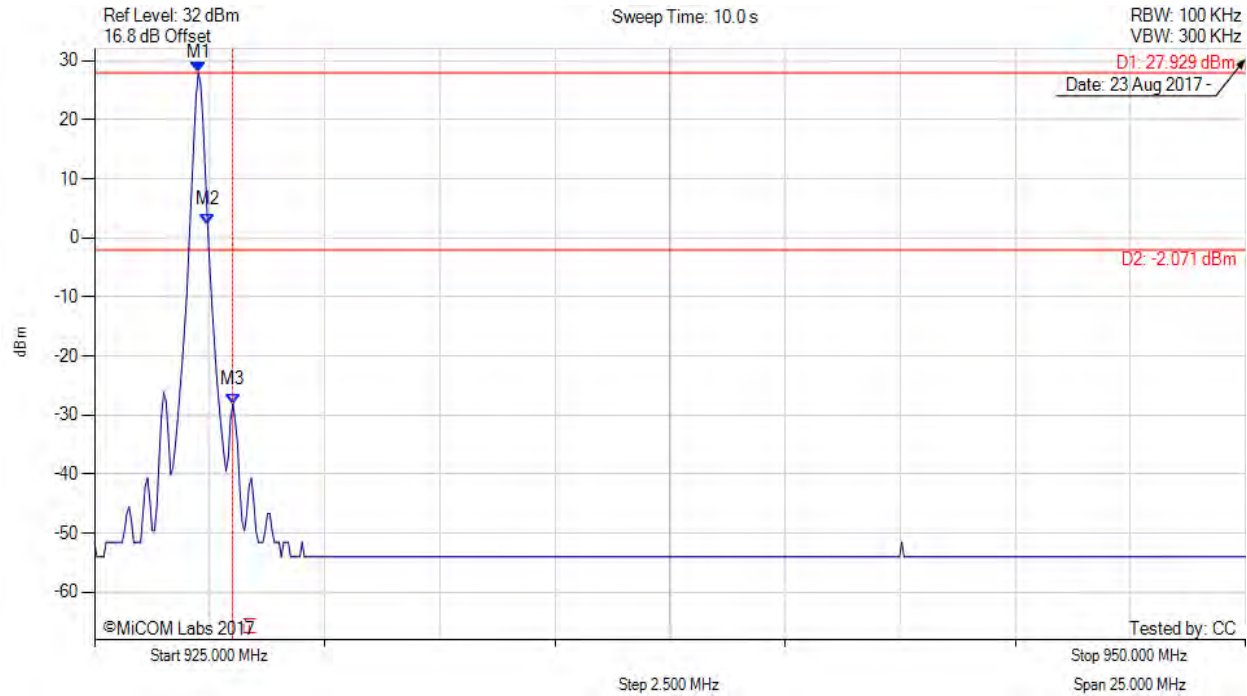
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CONDUCTED UPPER BAND-EDGE EMISSIONS (STATIC) AVERAGE

Variant: 40 DSB-AFK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 927.255 MHz : 27.929 dBm M2 : 927.455 MHz : 2.328 dBm M3 : 928.000 MHz : -28.148 dBm	Channel Frequency: 927.25 MHz

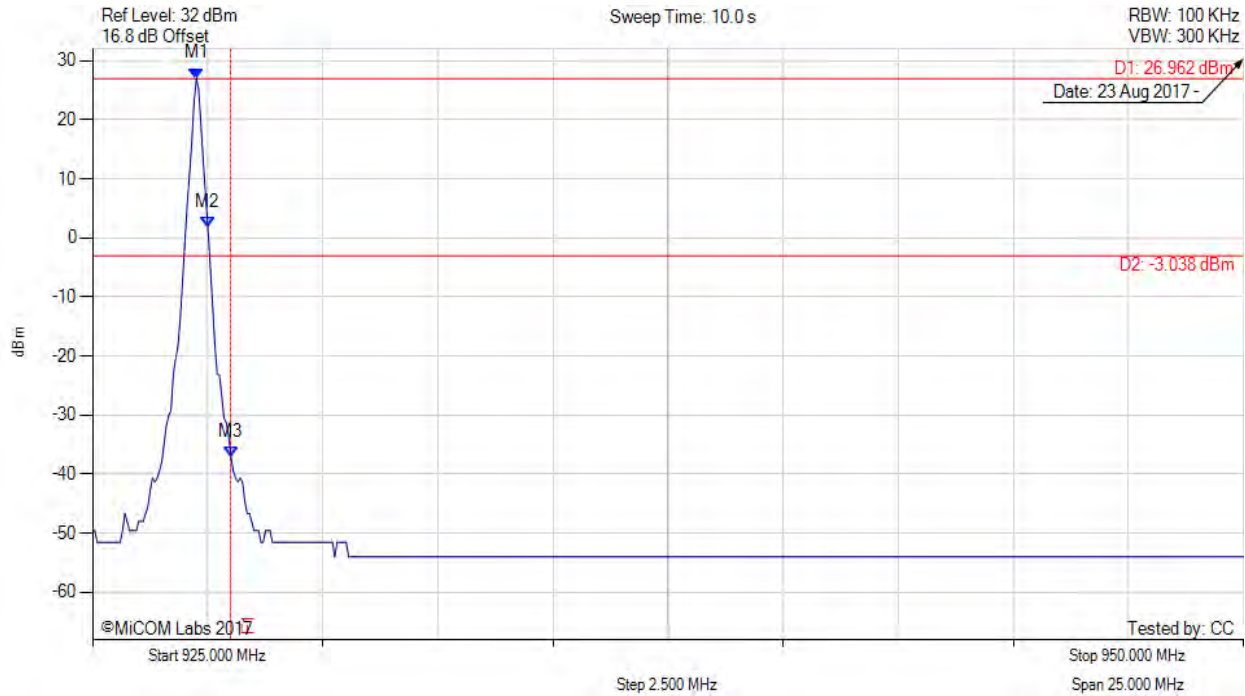
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CONDUCTED UPPER BAND-EDGE EMISSIONS (STATIC) AVERAGE

Variant: 400 DSB-AFK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 927.255 MHz : 26.962 dBm M2 : 927.505 MHz : 1.834 dBm M3 : 928.000 MHz : -37.121 dBm	Channel Frequency: 927.25 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

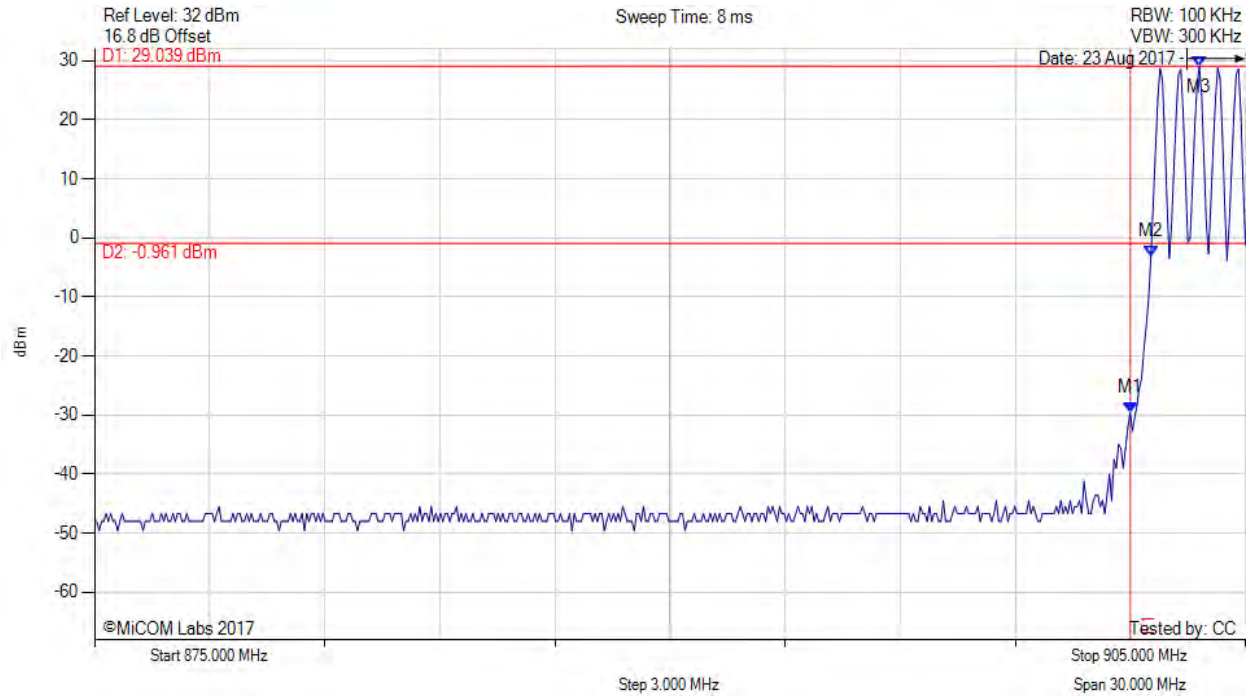


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 102 of 116



CONDUCTED LOW BAND-EDGE EMISSIONS (HOPPING) AVERAGE

Variant: 250 PR-ASK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 902.000 MHz : -29.586 dBm M2 : 902.535 MHz : -3.200 dBm M3 : 903.798 MHz : 29.039 dBm	Channel Frequency: 902.75 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

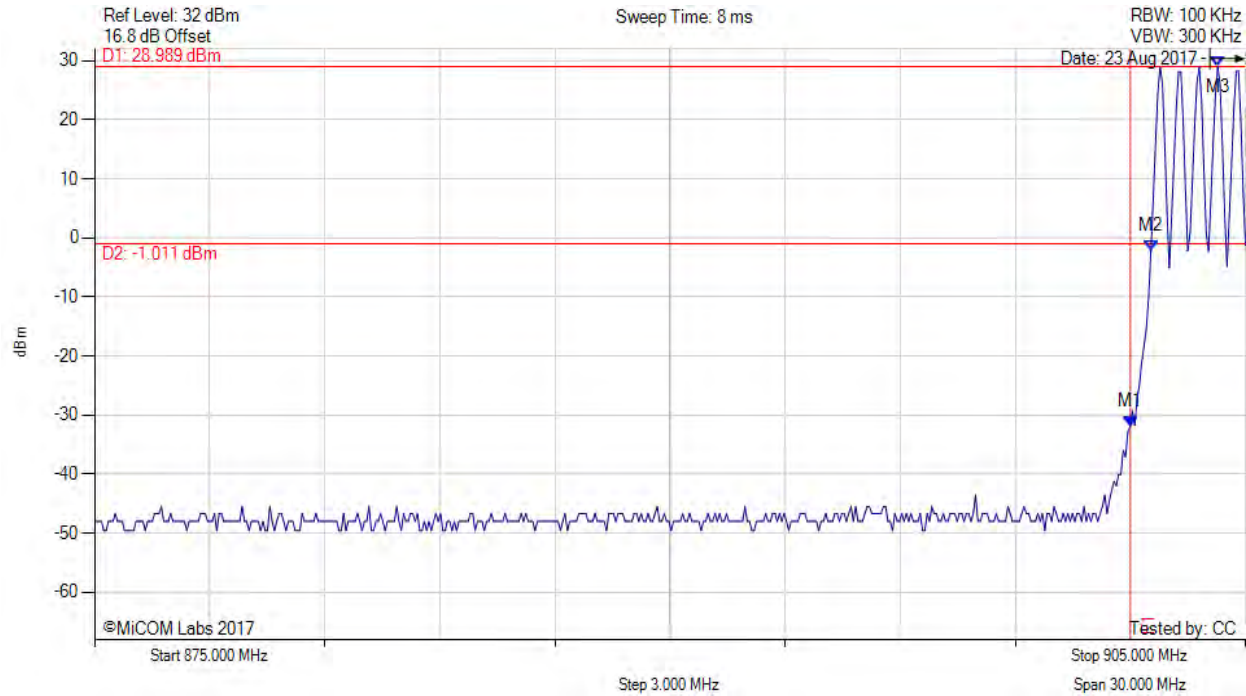


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 103 of 116



CONDUCTED LOW BAND-EDGE EMISSIONS (HOPPING) AVERAGE

Variant: 300 PR-ASK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 902.000 MHz : -31.970 dBm M2 : 902.535 MHz : -2.209 dBm M3 : 904.279 MHz : 28.989 dBm	Channel Frequency: 902.75 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

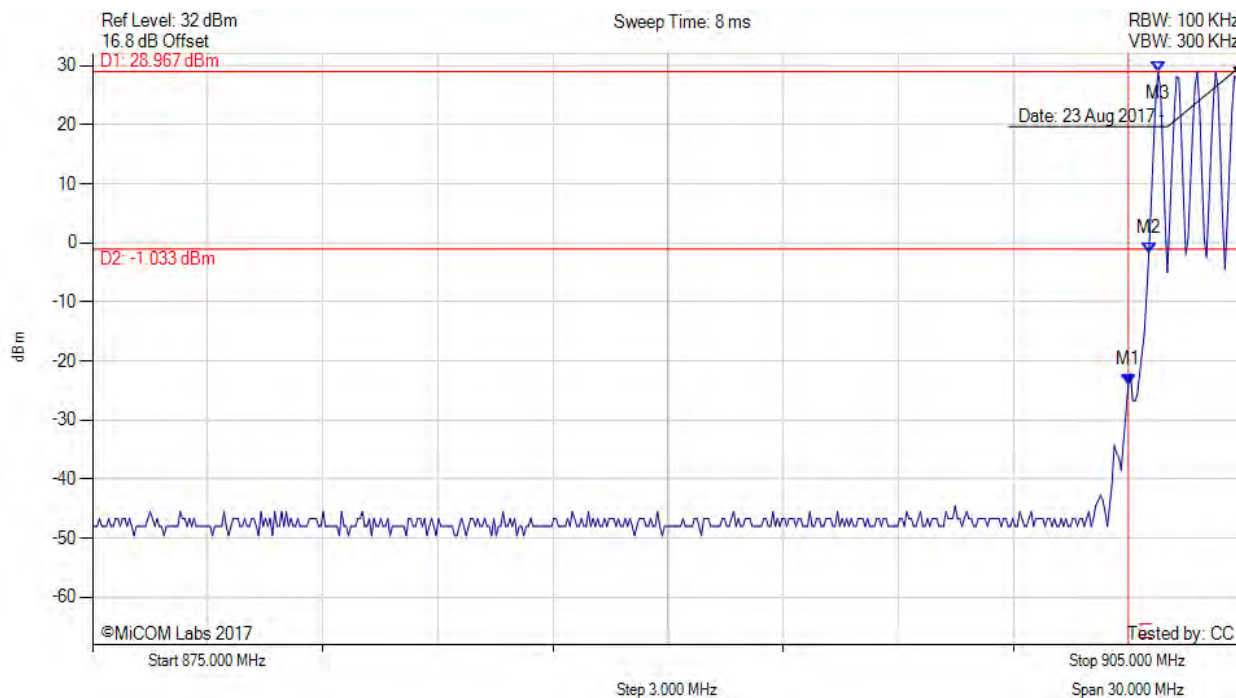


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 104 of 116



CONDUCTED LOW BAND-EDGE EMISSIONS (HOPPING) AVERAGE

Variant: 40 DSB-AFK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 902.000 MHz : -24.011 dBm M2 : 902.535 MHz : -1.711 dBm M3 : 902.776 MHz : 28.967 dBm	Channel Frequency: 902.75 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

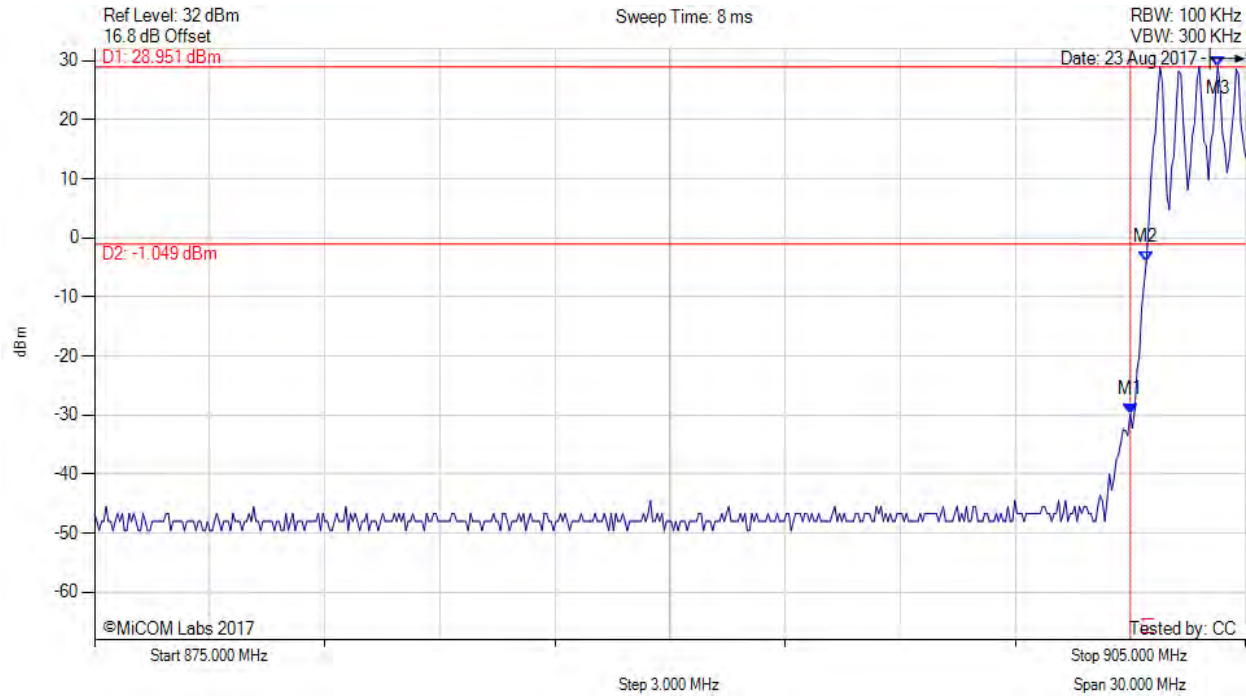


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 105 of 116



CONDUCTED LOW BAND-EDGE EMISSIONS (HOPPING) AVERAGE

Variant: 400 DSB-AFK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 902.000 MHz : -29.761 dBm M2 : 902.415 MHz : -4.149 dBm M3 : 904.279 MHz : 28.951 dBm	Channel Frequency: 902.75 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

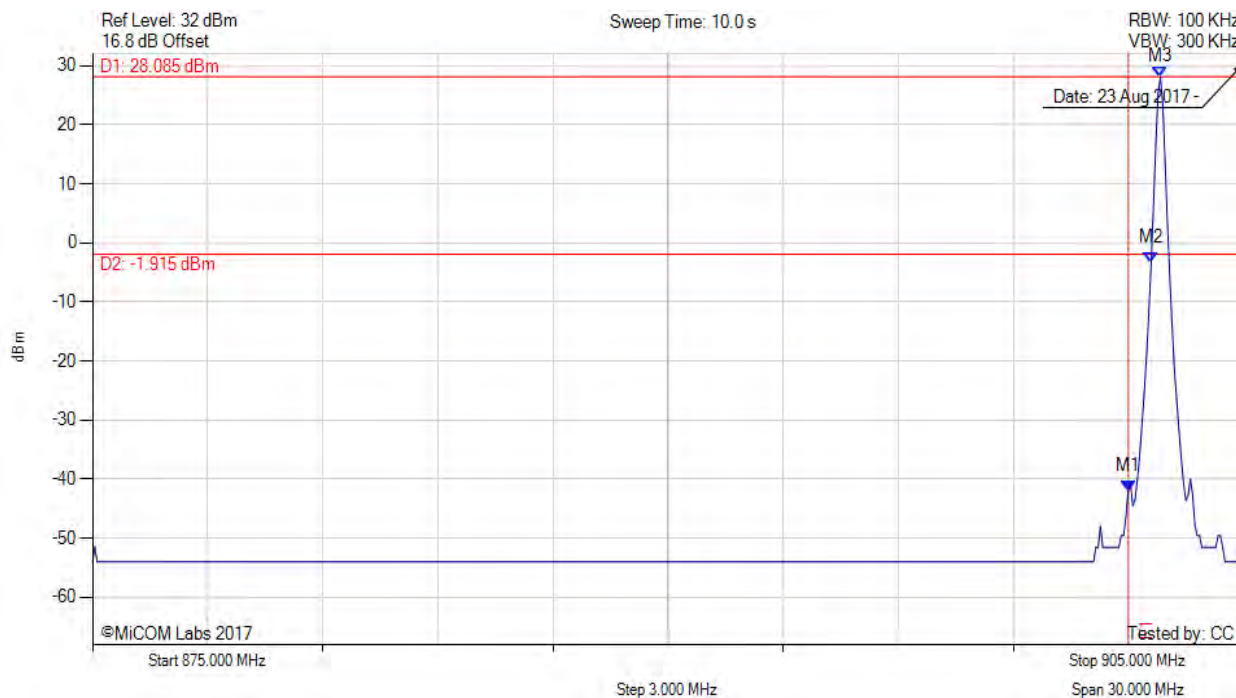


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 106 of 116



CONDUCTED LOW BAND-EDGE EMISSIONS (STATIC) AVERAGE

Variant: 250 PR-ASK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 902.000 MHz : -41.982 dBm M2 : 902.595 MHz : -3.385 dBm M3 : 902.836 MHz : 28.085 dBm	Channel Frequency: 902.75 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

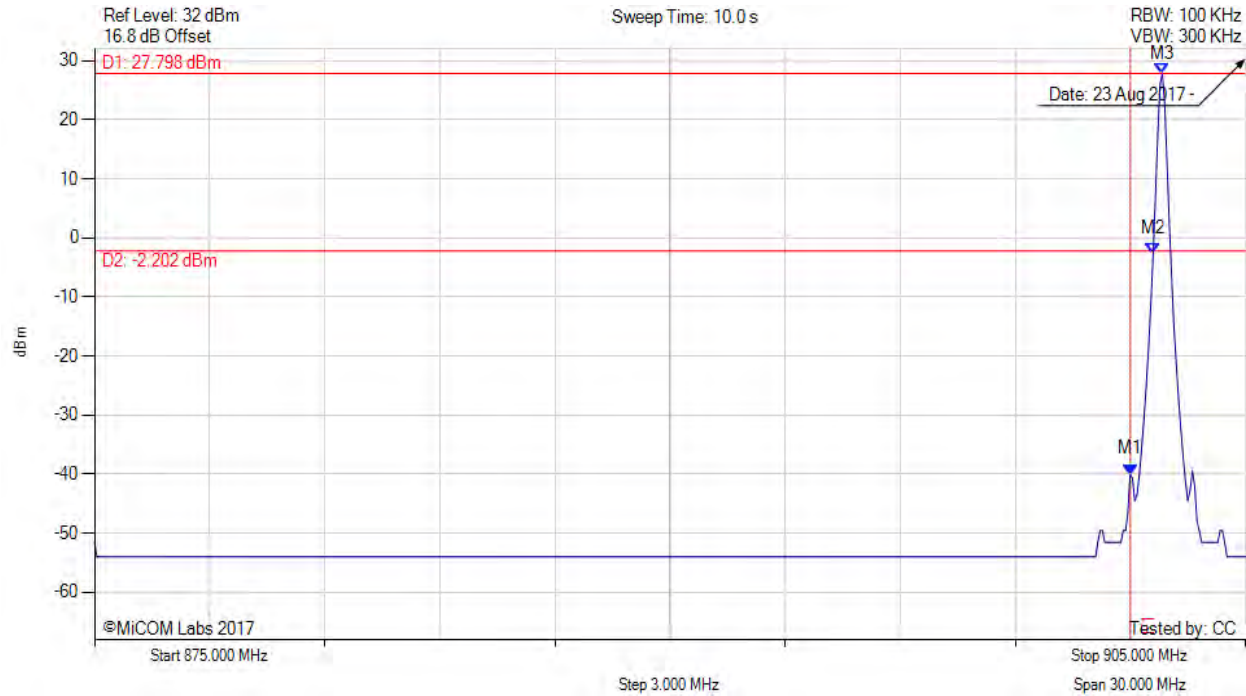


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 107 of 116



CONDUCTED LOW BAND-EDGE EMISSIONS (STATIC) AVERAGE

Variant: 300 PR-ASK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 902.000 MHz : -40.044 dBm M2 : 902.595 MHz : -2.612 dBm M3 : 902.836 MHz : 27.798 dBm	Channel Frequency: 902.75 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

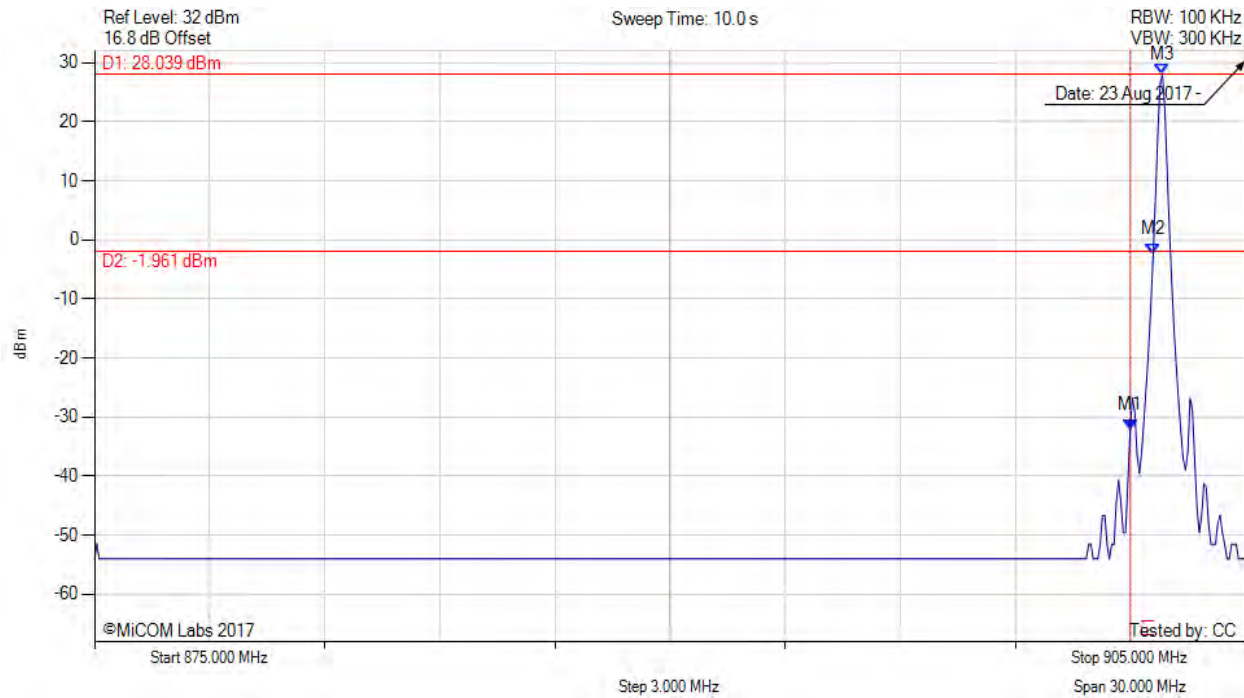


Title: SensThys Inc. SensArray+
To: FCC Subpart C 15.247 (DTS), ISED RSS-247
Serial #: TIME01-U2_Conducted Rev A
Issue Date: 13th October 2017
Page: 108 of 116



CONDUCTED LOW BAND-EDGE EMISSIONS (STATIC) AVERAGE

Variant: 40 DSB-AFK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 902.000 MHz : -32.201 dBm M2 : 902.595 MHz : -2.535 dBm M3 : 902.836 MHz : 28.039 dBm	Channel Frequency: 902.75 MHz

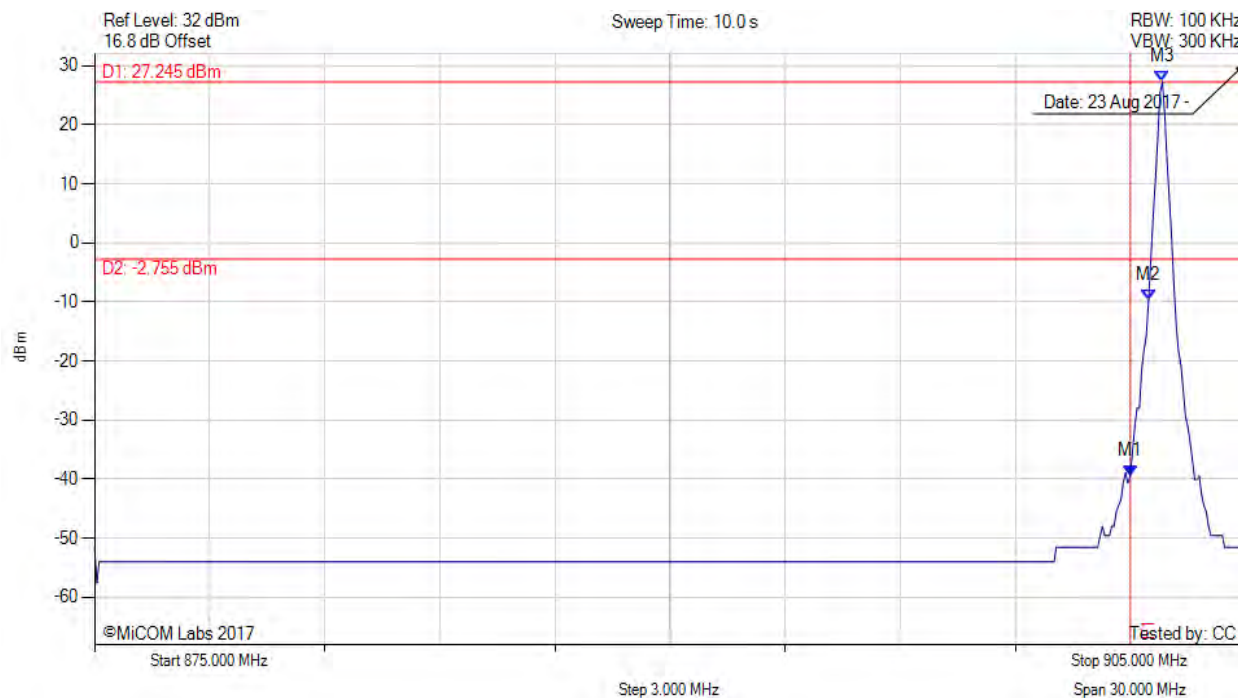
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CONDUCTED LOW BAND-EDGE EMISSIONS (STATIC) AVERAGE

Variant: 400 DSB-AFK, Channel: 902.75 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



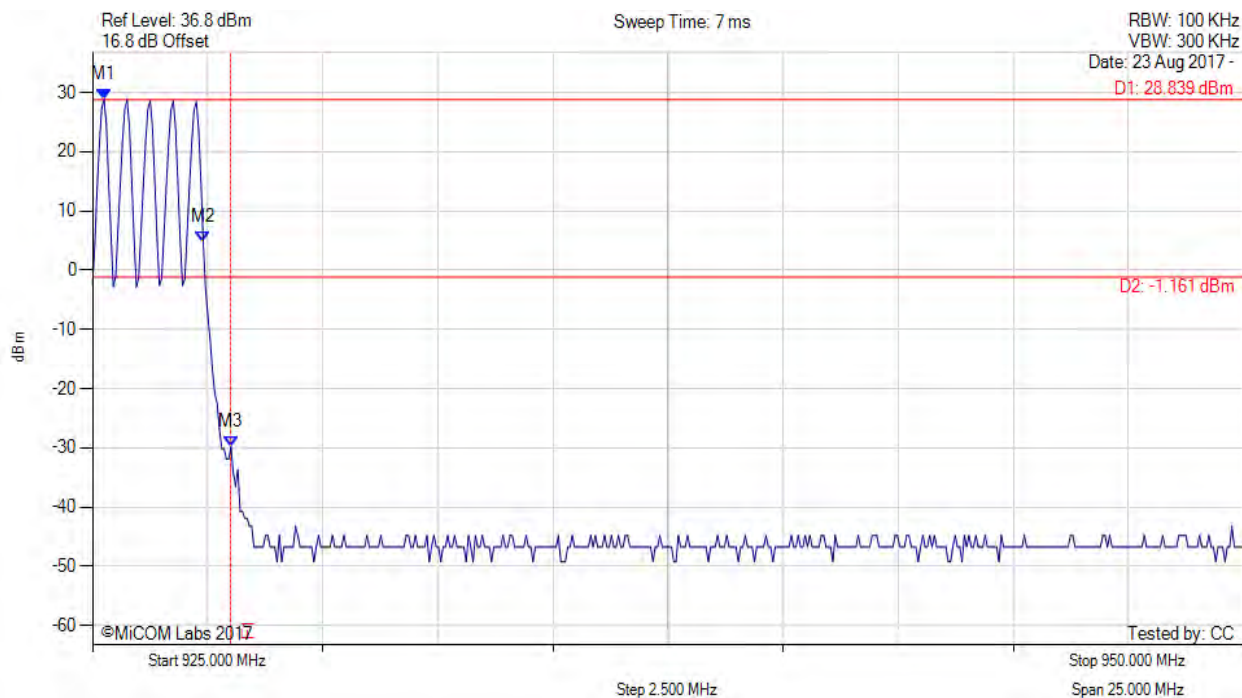
Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 902.000 MHz : -39.483 dBm M2 : 902.475 MHz : -9.726 dBm M3 : 902.836 MHz : 27.245 dBm	Channel Frequency: 902.75 MHz

[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

CONDUCTED UPPER BAND-EDGE EMISSIONS (HOPPING) AVERAGE

Variant: 250 PR-ASK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 925.251 MHz : 28.839 dBm M2 : 927.405 MHz : 4.803 dBm M3 : 928.000 MHz : -29.822 dBm	Channel Frequency: 927.25 MHz

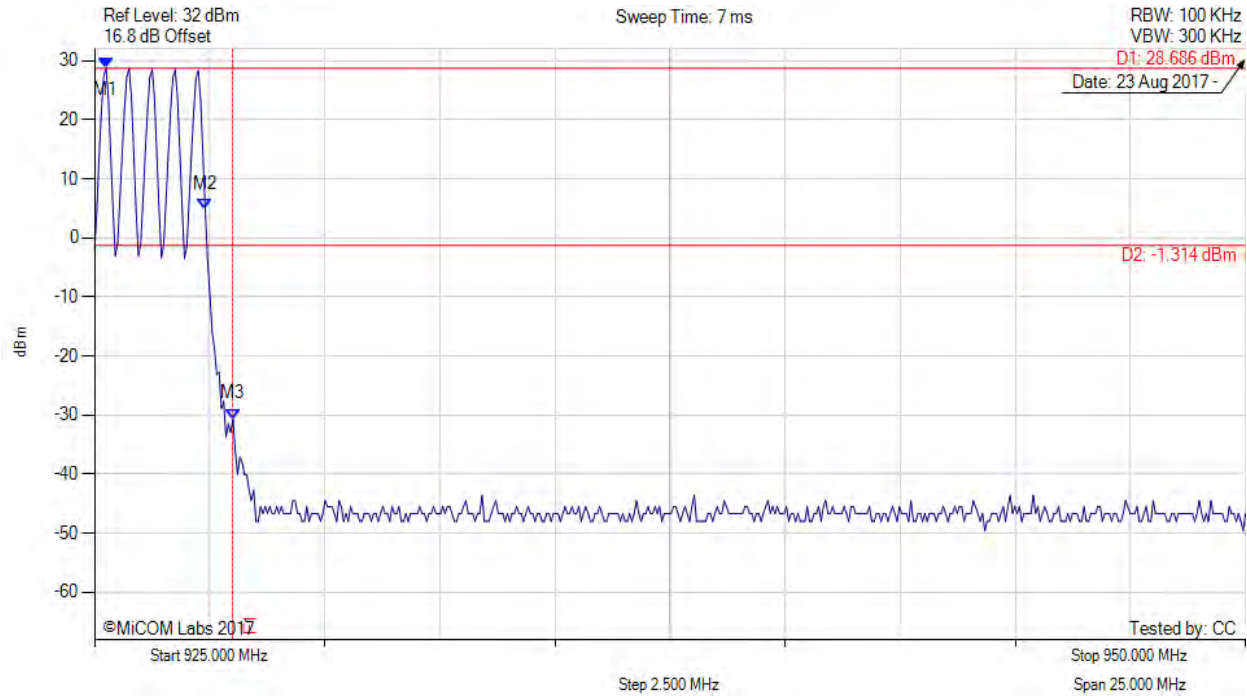
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CONDUCTED UPPER BAND-EDGE EMISSIONS (HOPPING) AVERAGE

Variant: 300 PR-ASK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 925.251 MHz : 28.686 dBm M2 : 927.405 MHz : 4.761 dBm M3 : 928.000 MHz : -30.696 dBm	Channel Frequency: 927.25 MHz

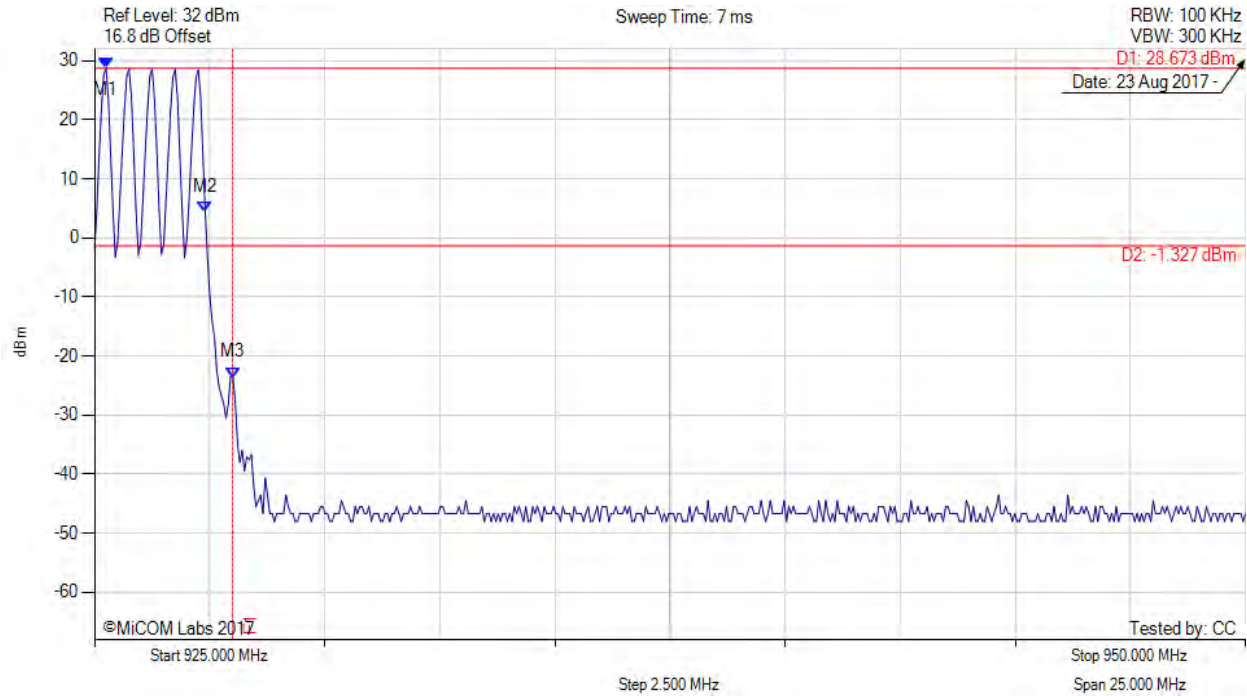
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CONDUCTED UPPER BAND-EDGE EMISSIONS (HOPPING) AVERAGE

Variant: 40 DSB-AFK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 925.251 MHz : 28.673 dBm M2 : 927.405 MHz : 4.331 dBm M3 : 928.000 MHz : -23.653 dBm	Channel Frequency: 927.25 MHz

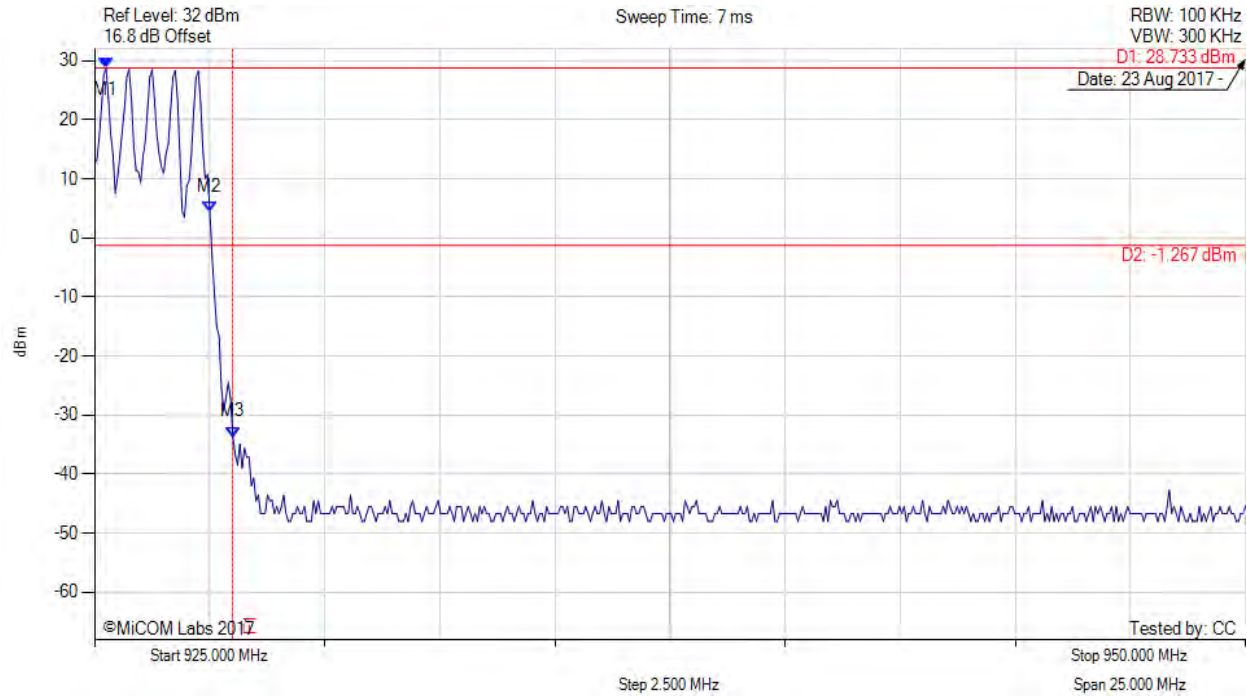
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.



CONDUCTED UPPER BAND-EDGE EMISSIONS (HOPPING) AVERAGE

Variant: 400 DSB-AFK, Channel: 927.25 MHz, Chain a, Temp: 20, Voltage: 48 Vdc



Analyzer Setup	Marker:Frequency:Amplitude	Test Results
Detector = AVERAGE Sweep Count = 0 RF Atten (dB) = 30 Trace Mode = VIEW	M1 : 925.251 MHz : 28.733 dBm M2 : 927.505 MHz : 4.253 dBm M3 : 928.000 MHz : -33.738 dBm	Channel Frequency: 927.25 MHz

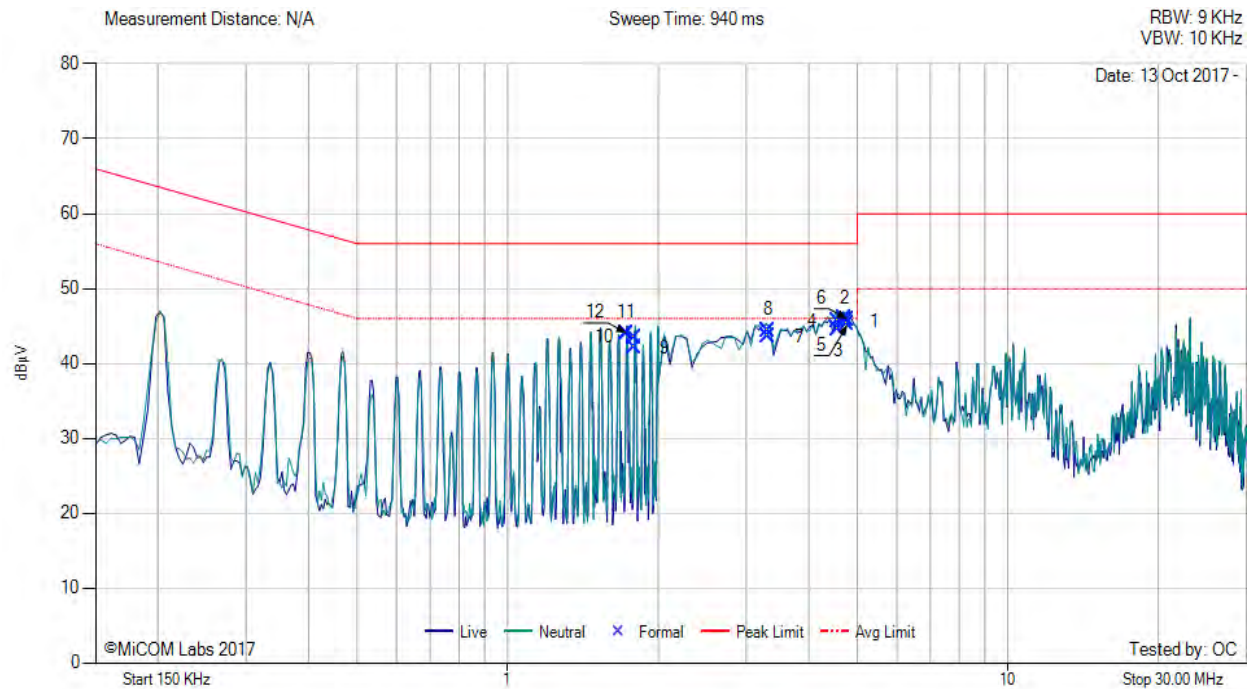
[back to matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. All changes will be noted in the Document History section of the report.

A.3.1.3. AC Mains Power Input/ Output Ports

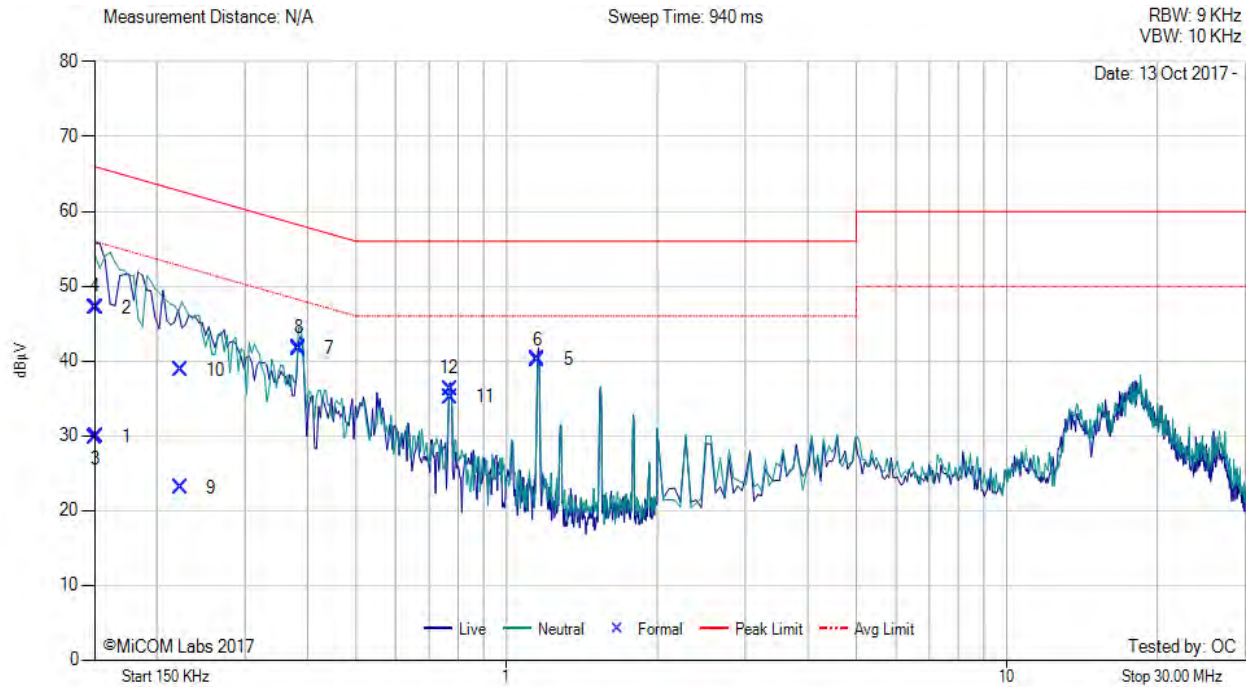


Variant: POE AC Wireline, Test Freq: 0.15 - 30 MHz



Test Notes: Model: SensArray+. PoE powered configuration. AC Wireline testing. 120Vac, 60Hz

[back to matrix](#)



Test Notes: Model: SensArray+. AC/DC powered configuration. AC Wireline testing. 120Vac, 60Hz

[back to matrix](#)



575 Boulder Court
Pleasanton, California 94566, USA
Tel: +1 (925) 462 0304
Fax: +1 (925) 462 0306
www.micomlabs.com