



MANUFACTURER : Cambium Networks, Inc.
MODEL NO. : C036045A001A
SERIAL NO. : 0A003E429FC3
SPECIFICATION : FCC 96.41(e) Spurious Radiated Emissions
DATE : January 7-15, 2019
MODE : Transmit at 3560MHz, 20MHz Channel
NOTES :

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm/MHz)	ERP Limit (dBm/MHz)
7120.00	H	46.1	*	-62.6	9.2	6.1	-59.4	-40.0
7120.00	V	46.5	*	-62.3	9.2	6.1	-59.1	-40.0
10680.00	H	45.1	*	-61.3	10.9	7.4	-57.8	-40.0
10680.00	V	45.2	*	-61.3	10.9	7.4	-57.8	-40.0
14240.00	H	45.3	*	-60.1	11.7	8.6	-57.1	-40.0
14240.00	V	45.2	*	-60.2	11.7	8.6	-57.2	-40.0
17800.00	H	44.9	*	-53.1	11.2	9.9	-51.8	-40.0
17800.00	V	44.9	*	-53.1	11.2	9.9	-51.8	-40.0
21360.00	H	32.7	*	-68.2	14.3	11.4	-65.3	-40.0
21360.00	V	32.6	*	-68.2	14.3	11.4	-65.3	-40.0
24920.00	H	33.1	*	-68.5	15.3	11.0	-64.2	-40.0
24920.00	V	33.2	*	-68.5	15.3	11.0	-64.2	-40.0
28480.00	H	32.3	*	-67.3	13.4	11.7	-65.6	-40.0
28480.00	V	33.1	*	-67.3	13.4	11.7	-65.6	-40.0
32040.00	H	32.1	*	-63.8	14.2	12.8	-62.4	-40.0
32040.00	V	32.1	*	-63.8	14.2	12.8	-62.4	-40.0
35600.00	H	34.2	*	-58.0	15.0	13.5	-56.5	-40.0
35600.00	V	34.2	*	-58.0	15.0	13.5	-56.5	-40.0

Checked By: *RICHARD E. KING*

Richard King



MANUFACTURER : Cambium Networks, Inc.
MODEL NO. : C036045A001A
SERIAL NO. : 0A003E429FC3
SPECIFICATION : FCC 96.41(e) Spurious Radiated Emissions
DATE : January 7-15, 2019
MODE : Transmit at 3600MHz, 20MHz Channel
NOTES :

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm/MHz)	ERP Limit (dBm/MHz)
7200.00	H	46.3	*	-62.3	9.3	6.1	-59.1	-40.0
7200.00	V	46.2	*	-62.4	9.3	6.1	-59.2	-40.0
10800.00	H	45.3	*	-61.3	10.9	7.4	-57.8	-40.0
10800.00	V	45.2	*	-61.4	10.9	7.4	-57.9	-40.0
14400.00	H	44.3	*	-58.2	11.7	8.7	-55.2	-40.0
14400.00	V	44.7	*	-58.3	11.7	8.7	-55.3	-40.0
18000.00	H	45.1	*	-50.2	11.0	10.0	-49.2	-40.0
18000.00	V	45.1	*	-50.4	11.0	10.0	-49.4	-40.0
21600.00	H	33.0	*	-68.0	14.2	11.2	-65.0	-40.0
21600.00	V	33.1	*	-68.0	14.2	11.2	-65.0	-40.0
25200.00	H	32.5	*	-68.4	15.4	11.0	-64.0	-40.0
25200.00	V	32.4	*	-68.5	15.4	11.0	-64.1	-40.0
28800.00	H	32.1	*	-56.3	13.4	11.8	-54.6	-40.0
28800.00	V	32.4	*	-56.4	13.4	11.8	-54.7	-40.0
32400.00	H	32.6	*	-60.2	14.3	12.9	-58.8	-40.0
32400.00	V	32.7	*	-60.3	14.3	12.9	-58.9	-40.0
36000.00	H	32.0	*	-62.5	15.1	13.6	-61.0	-40.0
36000.00	V	32.4	*	-62.4	15.1	13.6	-60.9	-40.0

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MANUFACTURER : Cambium Networks, Inc.
MODEL NO. : C036045A001A
SERIAL NO. : 0A003E429FC3
SPECIFICATION : FCC 96.41(e) Spurious Radiated Emissions
DATE : January 7-15, 2019
MODE : Transmit at 3690MHz, 20MHz Channel
NOTES :

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm/MHz)	ERP Limit (dBm/MHz)
7380.00	H	46.1	*	-62.3	9.6	6.2	-58.9	-40.0
7380.00	V	46.2	*	-62.3	9.6	6.2	-58.9	-40.0
11070.00	H	45.3	*	-58.9	11.0	7.6	-55.4	-40.0
11070.00	V	45.3	*	58.9	11.0	7.6	62.4	-40.0
14760.00	H	45.6	*	-55.1	11.7	8.9	-52.3	-40.0
14760.00	V	45.6	*	-55.2	11.7	8.9	-52.4	-40.0
18450.00	H	32.3	*	-68.3	13.0	10.9	-66.1	-40.0
18450.00	V	32.3	*	-63.3	13.0	10.9	-61.1	-40.0
22140.00	H	33.2	*	-68.4	14.4	11.1	-65.1	-40.0
22140.00	V	33.4	*	-68.4	14.4	11.1	-65.1	-40.0
25830.00	H	33.1	*	-68.2	15.6	11.2	-63.7	-40.0
25830.00	V	33.5	*	-68.2	15.6	11.2	-63.7	-40.0
29520.00	H	35.7	*	-61.9	13.6	12.0	-60.3	-40.0
29520.00	V	35.7	*	-61.9	13.6	12.0	-60.3	-40.0
33210.00	H	35.9	*	-62.1	14.5	13.0	-60.7	-40.0
33210.00	V	35.9	*	-62.1	14.5	13.0	-60.7	-40.0
36900.00	H	34.3	*	-61.8	15.3	14.0	-60.5	-40.0
36900.00	V	34.2	*	-61.8	15.3	14.0	-60.5	-40.0

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MANUFACTURER : Cambium Networks, Inc.
MODEL NO. : C036045A001A
SERIAL NO. : 0A003E429FC3
SPECIFICATION : FCC 96.41(e) Spurious Radiated Emissions
DATE : January 7-15, 2019
MODE : Transmit at 3570MHz, 40MHz Channel
NOTES :

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm/MHz)	ERP Limit (dBm/MHz)
7140.00	H	46.0	*	-62.0	9.2	6.1	-58.8	-40.0
7140.00	V	46.1	*	-62.3	9.2	6.1	-59.1	-40.0
10710.00	H	45.8	*	-60.1	10.9	7.4	-56.6	-40.0
10710.00	V	45.7	*	-60.2	10.9	7.4	-56.7	-40.0
14280.00	H	44.6	*	-58.3	11.7	8.6	-55.3	-40.0
14280.00	V	44.1	*	-58.3	11.7	8.6	-55.3	-40.0
17850.00	H	44.5	*	-49.0	11.2	9.9	-47.7	-40.0
17850.00	V	44.7	*	-49.0	11.2	9.9	-47.7	-40.0
21420.00	H	33.0	*	-68.8	14.2	11.3	-65.9	-40.0
21420.00	V	33.1	*	-68.4	14.2	11.3	-65.5	-40.0
24990.00	H	33.0	*	-69.2	15.4	11.0	-64.8	-40.0
24990.00	V	33.2	*	-69.2	15.4	11.0	-64.8	-40.0
28560.00	H	36.7	*	-57.0	13.4	11.7	-55.3	-40.0
28560.00	V	37.6	*	-57.0	13.4	11.7	-55.3	-40.0
32130.00	H	37.1	*	-56.8	14.2	12.8	-55.4	-40.0
32130.00	V	37.8	*	-55.0	14.2	12.8	-53.6	-40.0
35700.00	H	37.4	*	-53.6	15.0	13.5	-52.1	-40.0
35700.00	V	37.7	*	-52.2	15.0	13.5	-50.7	-40.0

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MANUFACTURER : Cambium Networks, Inc.
MODEL NO. : C036045A001A
SERIAL NO. : 0A003E429FC3
SPECIFICATION : FCC 96.41(e) Spurious Radiated Emissions
DATE : January 7-15, 2019
MODE : Transmit at 3600MHz, 40MHz Channel
NOTES :

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm/MHz)	ERP Limit (dBm/MHz)
7200.00	H	46.3	*	-62.0	9.3	6.1	-58.8	-40.0
7200.00	V	46.0	*	-61.4	9.3	6.1	-58.2	-40.0
10800.00	H	45.8	*	-59.6	10.9	7.4	-56.1	-40.0
10800.00	V	45.8	*	-59.7	10.9	7.4	-56.2	-40.0
14400.00	H	44.3	*	-54.0	11.7	8.7	-51.0	-40.0
14400.00	V	44.5	*	-53.9	11.7	8.7	-50.9	-40.0
18000.00	H	46.0	*	-48.0	11.0	10.0	-47.0	-40.0
18000.00	V	46.0	*	-49.6	11.0	10.0	-48.6	-40.0
21600.00	H	31.9	*	-68.8	14.2	11.2	-65.8	-40.0
21600.00	V	31.9	*	-68.8	14.2	11.2	-65.8	-40.0
25200.00	H	33.1	*	-68.8	15.4	11.0	-64.4	-40.0
25200.00	V	32.0	*	-69.7	15.4	11.0	-65.3	-40.0
28800.00	H	31.0	*	-63.8	13.4	11.8	-62.1	-40.0
28800.00	V	32.0	*	-53.4	13.4	11.8	-51.7	-40.0
32400.00	H	32.3	*	-63.0	14.3	12.9	-61.6	-40.0
32400.00	V	33.0	*	-54.2	14.3	12.9	-52.8	-40.0
36000.00	H	34.0	*	-62.2	15.1	13.6	-60.7	-40.0
36000.00	V	34.0	*	-62.2	15.1	13.6	-60.7	-40.0

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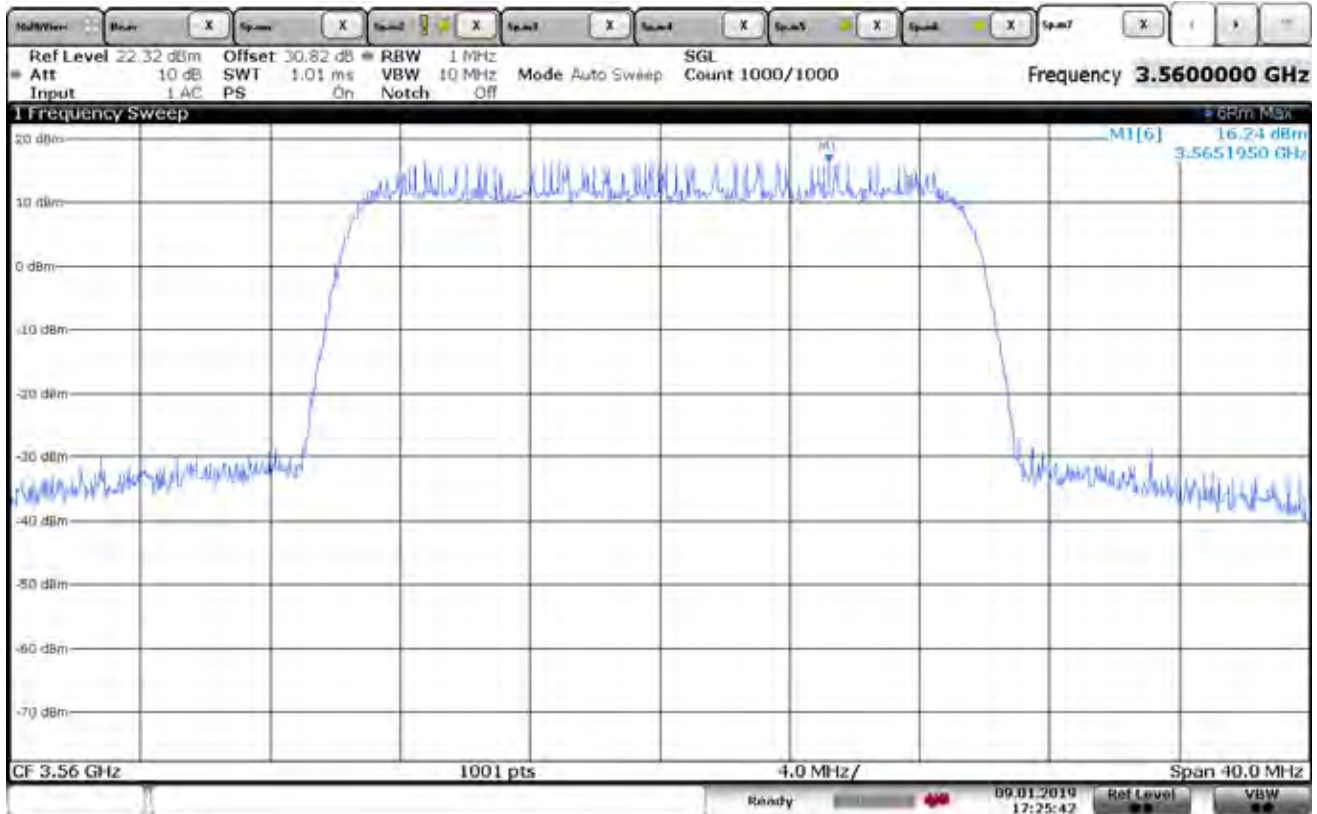


MANUFACTURER : Cambium Networks, Inc.
MODEL NO. : C036045A001A
SERIAL NO. : 0A003E429FC3
SPECIFICATION : FCC 96.41(e) Spurious Radiated Emissions
DATE : January 7-15, 2019
MODE : Transmit at 3680MHz, 40MHz Channel
NOTES :

Freq. MHz	Ant Pol	Meter Reading (dBuV)	Ambient	Matched Sig. Gen. Reading (dBm)	Equivalent Antenna Gain (dB)	Cable Loss (dB)	ERP (dBm/MHz)	ERP Limit (dBm/MHz)
7360.00	H	46.0	*	-62.3	9.5	6.2	-58.9	-40.0
7360.00	V	46.2	*	-62.4	9.5	6.2	-59.0	-40.0
11040.00	H	44.6	*	-59.0	11.0	7.5	-55.5	-40.0
11040.00	V	44.7	*	-59.6	11.0	7.5	-56.1	-40.0
14720.00	H	44.3	*	-55.0	11.7	8.9	-52.2	-40.0
14720.00	V	44.2	*	-55.0	11.7	8.9	-52.2	-40.0
18400.00	H	34.8	*	-68.2	13.0	10.9	-66.1	-40.0
18400.00	V	34.8	*	-68.2	13.0	10.9	-66.1	-40.0
22080.00	H	34.0	*	-68.0	14.4	11.0	-64.7	-40.0
22080.00	V	34.2	*	-68.0	14.4	11.0	-64.7	-40.0
25760.00	H	34.6	*	-67.9	15.6	11.2	-63.4	-40.0
25760.00	V	34.6	*	-67.9	15.6	11.2	-63.4	-40.0
29440.00	H	35.3	*	-55.0	13.6	12.0	-53.4	-40.0
29440.00	V	35.3	*	-55.0	13.6	12.0	-53.4	-40.0
33120.00	H	35.8	*	-60.1	14.5	13.0	-58.7	-40.0
33120.00	V	35.8	*	-60.1	14.5	13.0	-58.7	-40.0
36800.00	H	34.6	*	-62.3	15.2	13.9	-61.0	-40.0
36800.00	V	35.0	*	-62.3	15.2	13.9	-61.0	-40.0

Checked By: *RICHARD E. King*

Richard King

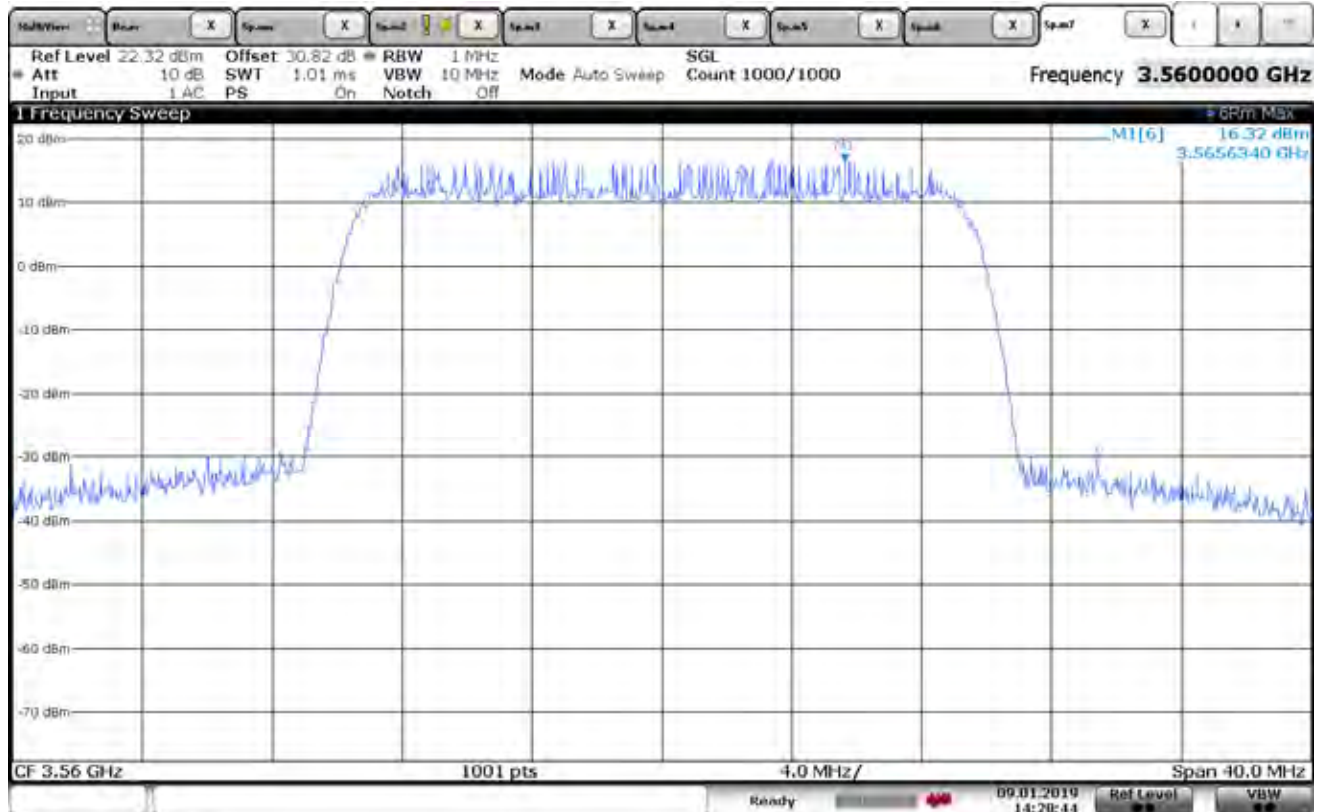


Date: 9 JAN 2019 17:25:42

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 7, 2019
MODE	: Transmit at 3560MHz, 20MHz Channel, Channel A
NOTES	: Power Spectral Density = 16.24dBm + 3.01dB = 19.25dBm

Checked By: *RICHARD E. KING*

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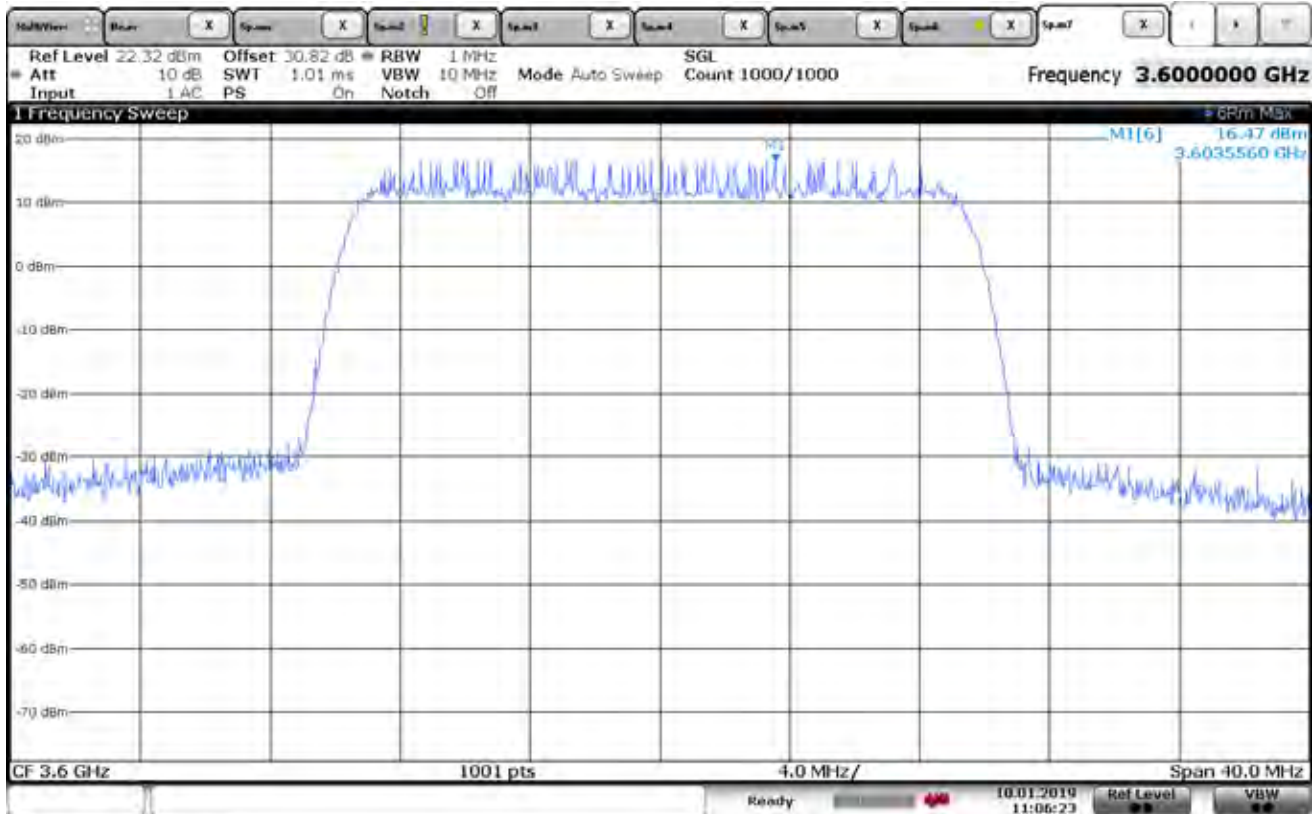


Date: 9 JAN 2019 14:28:45

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 7, 2019
MODE	: Transmit at 3560MHz, 20MHz Channel, Channel B
NOTES	: Power Spectral Density = 16.32dBm + 3.01dB = 17.18dBm

Checked By: *RICHARD E. KING*

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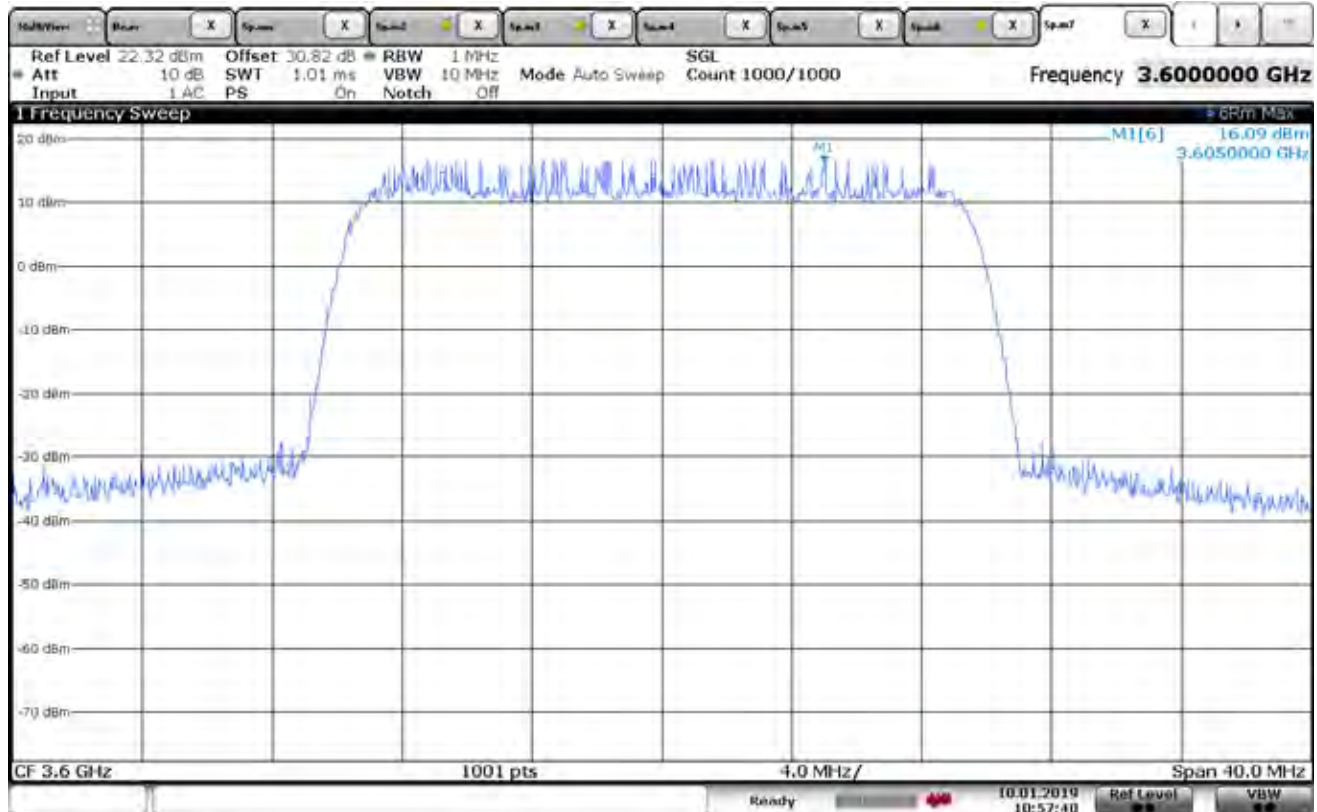


Date: 10 JAN 2019 11:06:23

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 15, 2019
MODE	: Transmit at 3600MHz, 20MHz Channel, Channel A
NOTES	: Power Spectral Density = 16.47dBm + 3.01dB = 19.48dBm

Checked By: *RICHARD E. KING*

Richard King

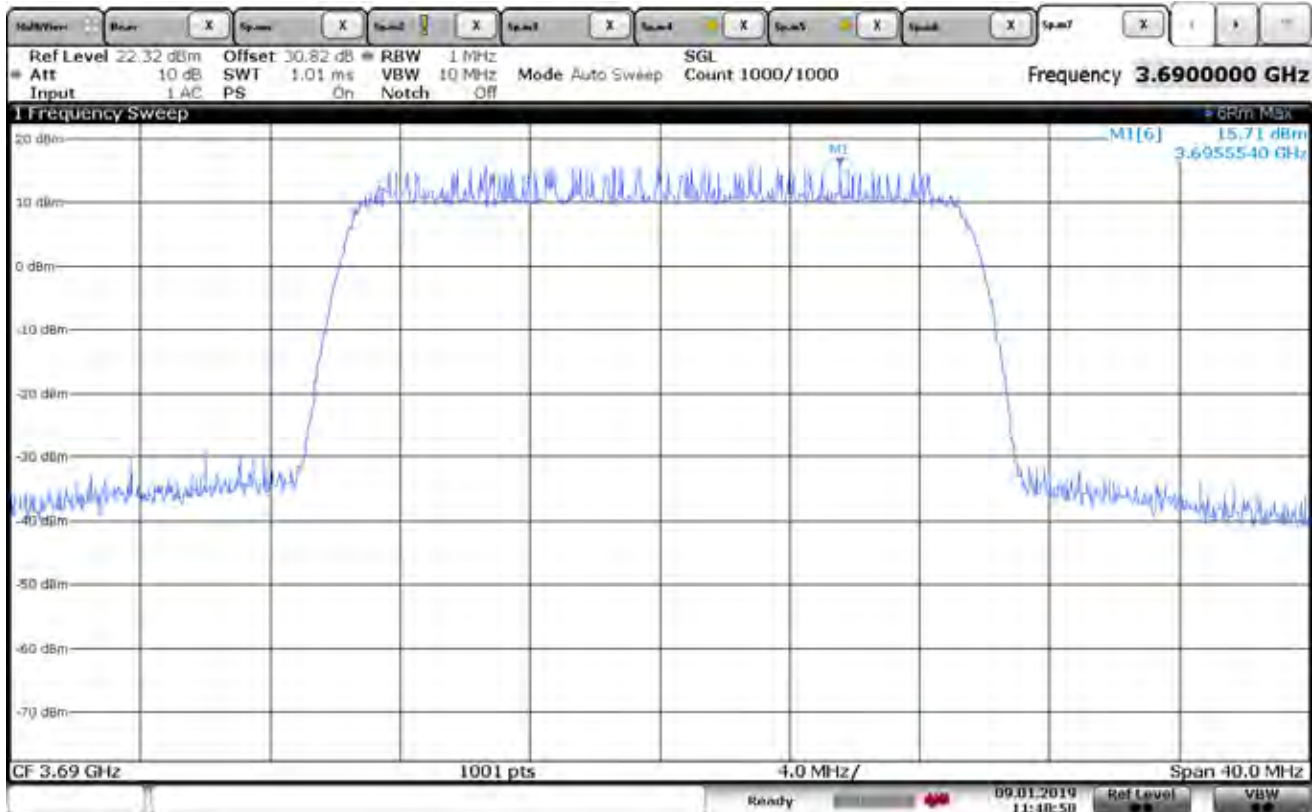


Date: 10 JAN 2019 10:57:41

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 15, 2019
MODE	: Transmit at 3600MHz, 20MHz Channel, Channel B
NOTES	: Power Spectral Density = 16.09dBm + 3.01dB = 19.10dBm

Checked By: *RICHARD E. King*

Richard King

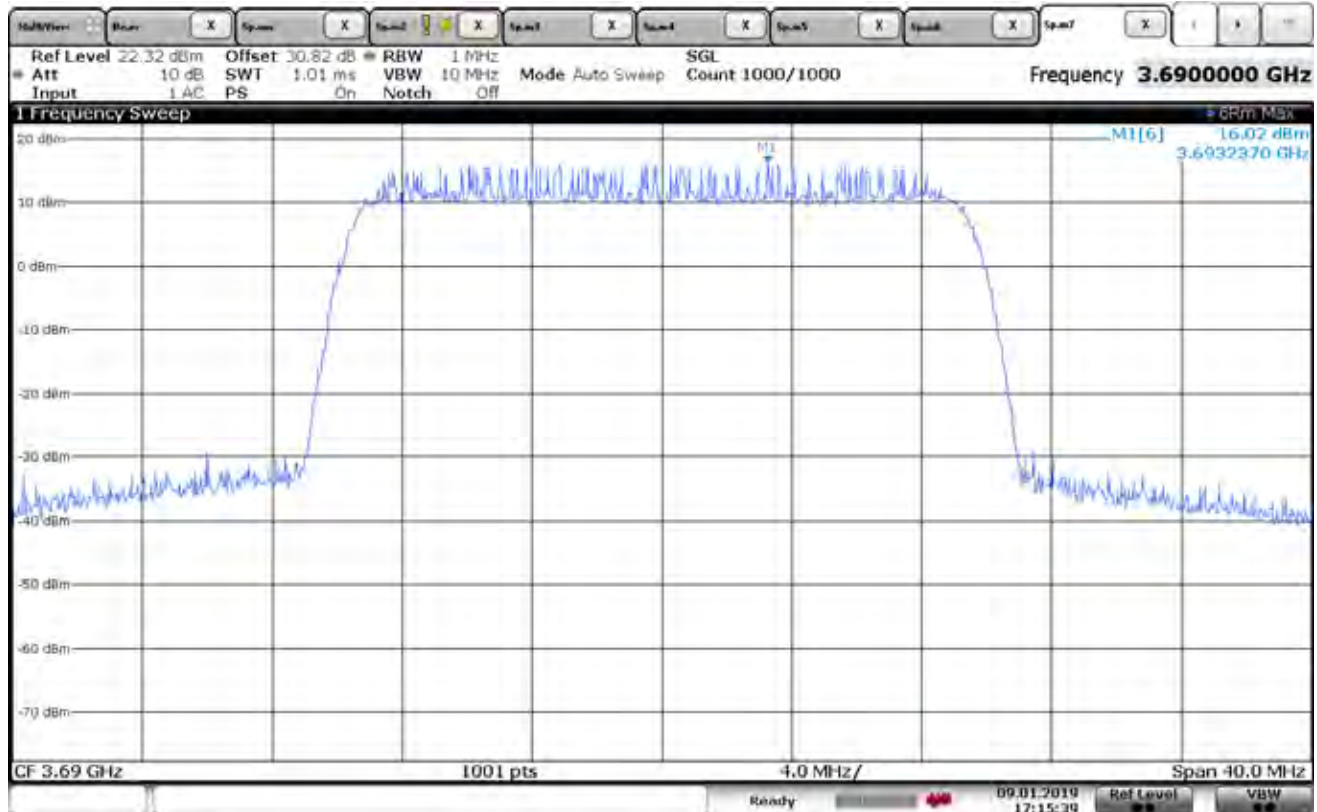


Date: 9 JAN 2019 11:48:58

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 15, 2019
MODE	: Transmit at 3690MHz, 20MHz Channel, Channel A
NOTES	: Power Spectral Density = 15.71dBm + 3.01dB = 18.72dBm

Checked By: *RICHARD E. King*

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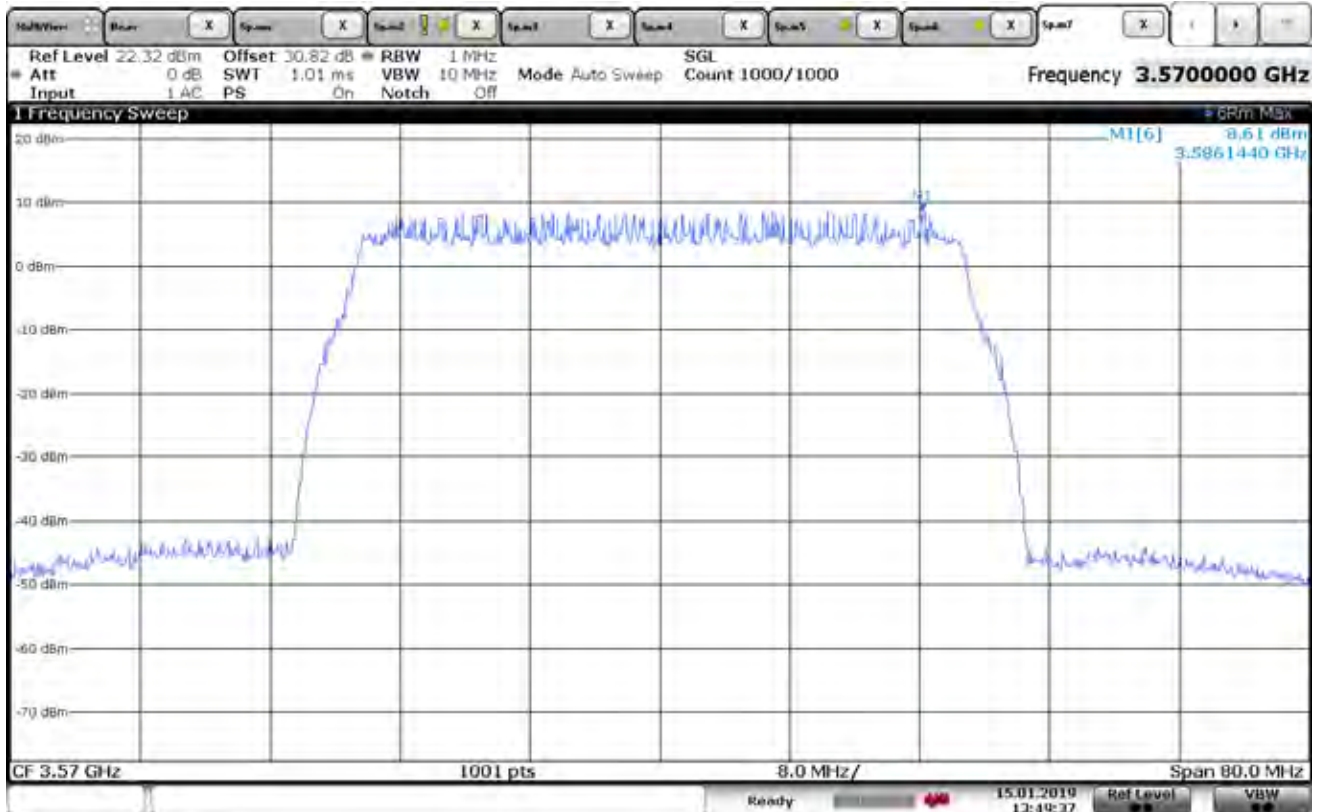


Date: 9 JAN 2019 17:15:39

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 15, 2019
MODE	: Transmit at 3690MHz, 20MHz Channel, Channel B
NOTES	: Power Spectral Density = 16.02dBm + 3.01dB = 19.03dBm

Checked By: *Richard E. King*

Richard King

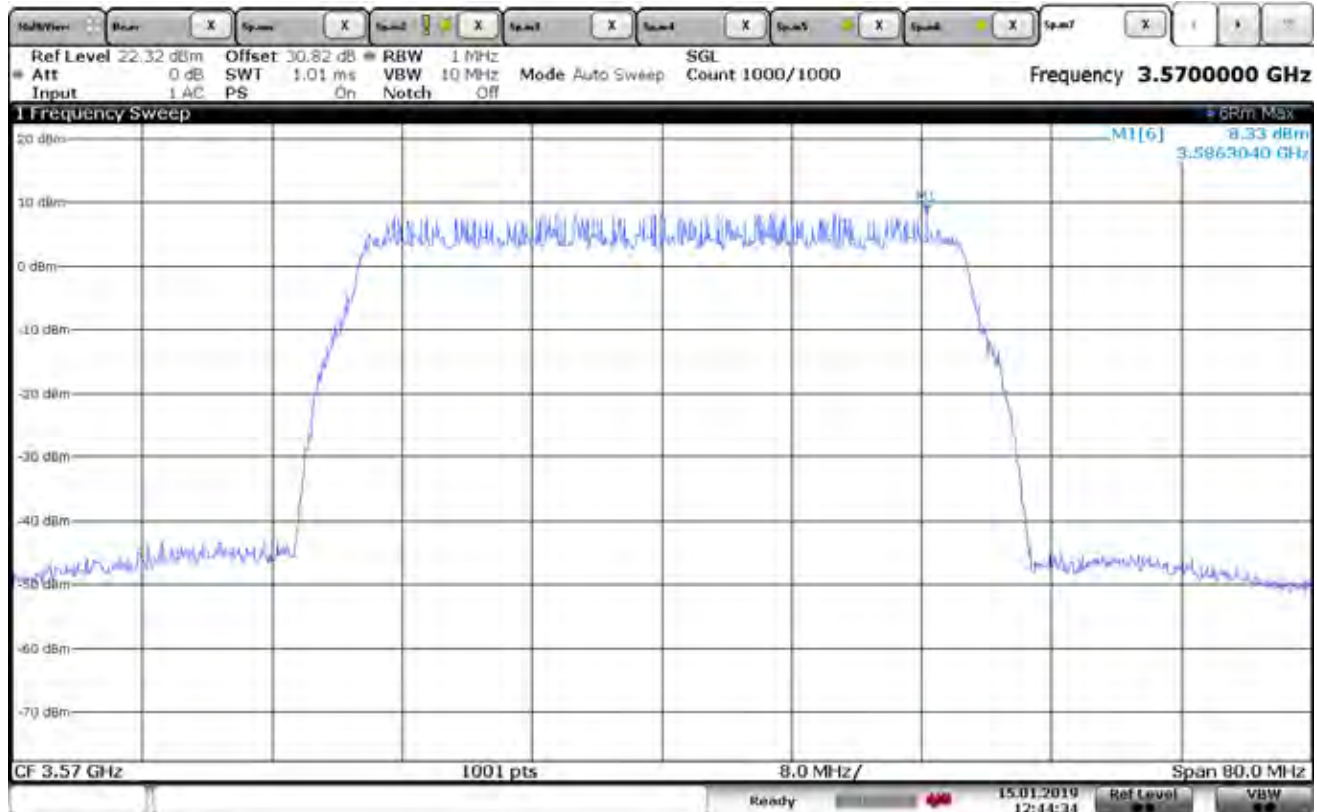


Date: 15 JAN 2019 13:49:37

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 15, 2019
MODE	: Transmit at 3570MHz, 40MHz Channel, Channel A
NOTES	: Power Spectral Density = 8.64 dBm + 1.19dB = 9.83dBm

Checked By: *RICHARD E. King*

Richard King

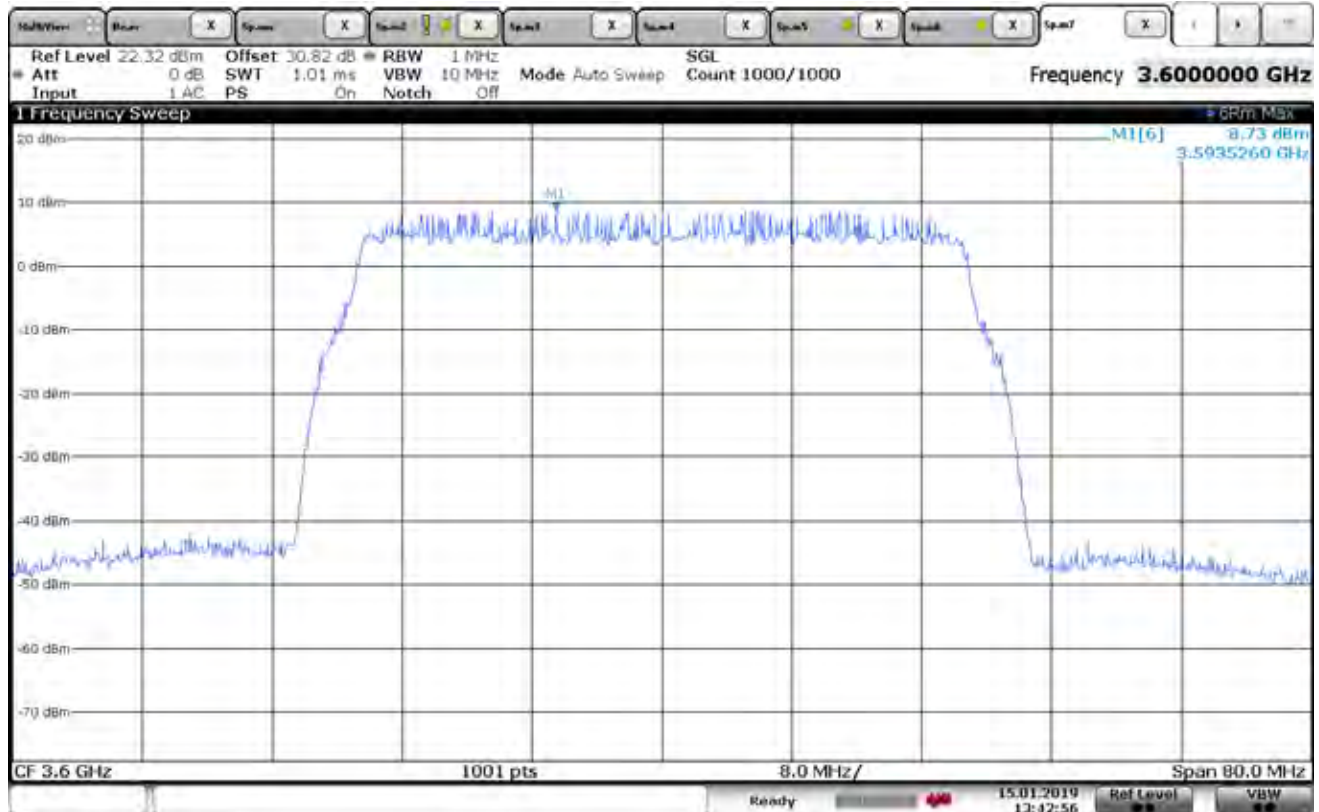


Date: 15.JAN.2019 12:44:35

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 15, 2019
MODE	: Transmit at 3570MHz, 40MHz Channel, Channel B
NOTES	: Power Spectral Density = 8.33dBm + 1.19dB = 9.52dBm

Checked By: *RICHARD E. King*

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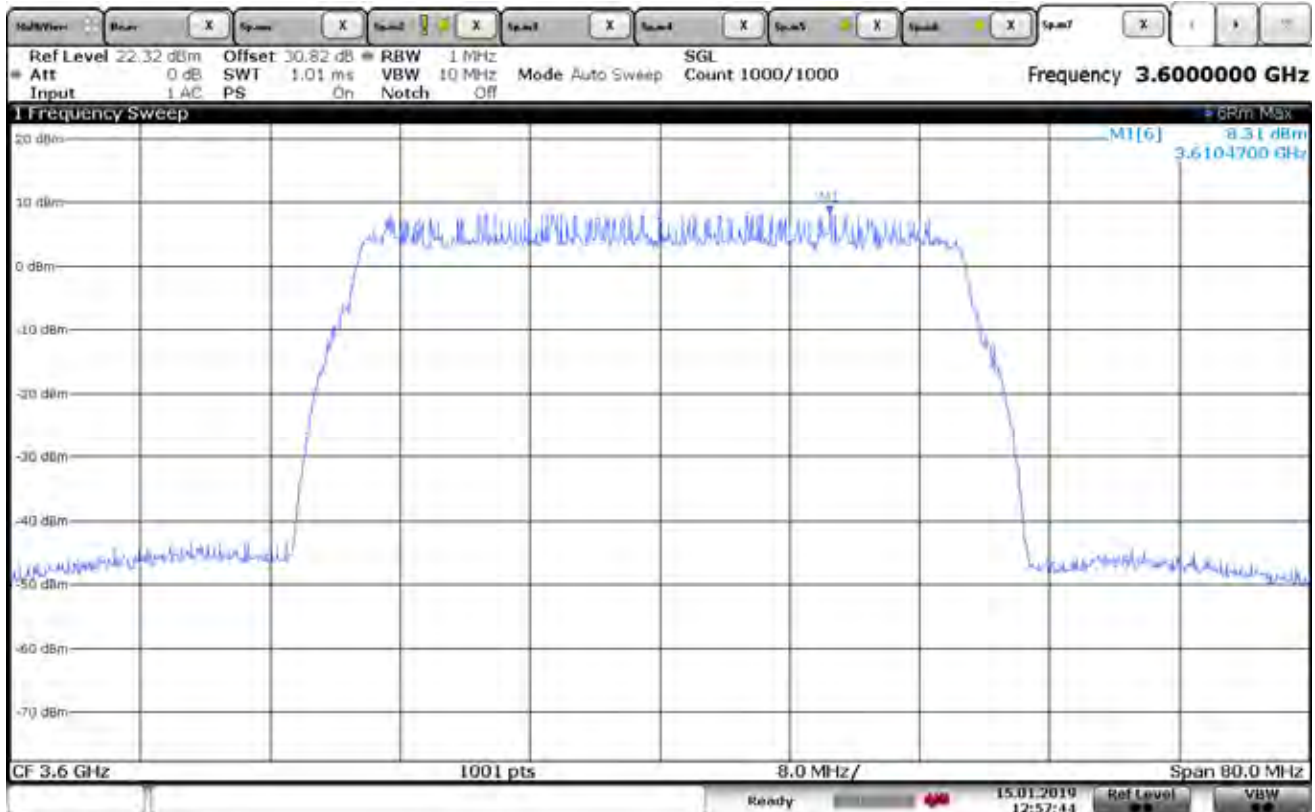


Date: 15 JAN 2019 13:42:56

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 15, 2019
MODE	: Transmit at 3600MHz, 40MHz Channel, Channel A
NOTES	: Power Spectral Density = 8.73dBm + 1.19dB = 9.92dBm

Checked By: *RICHARD E. KING*

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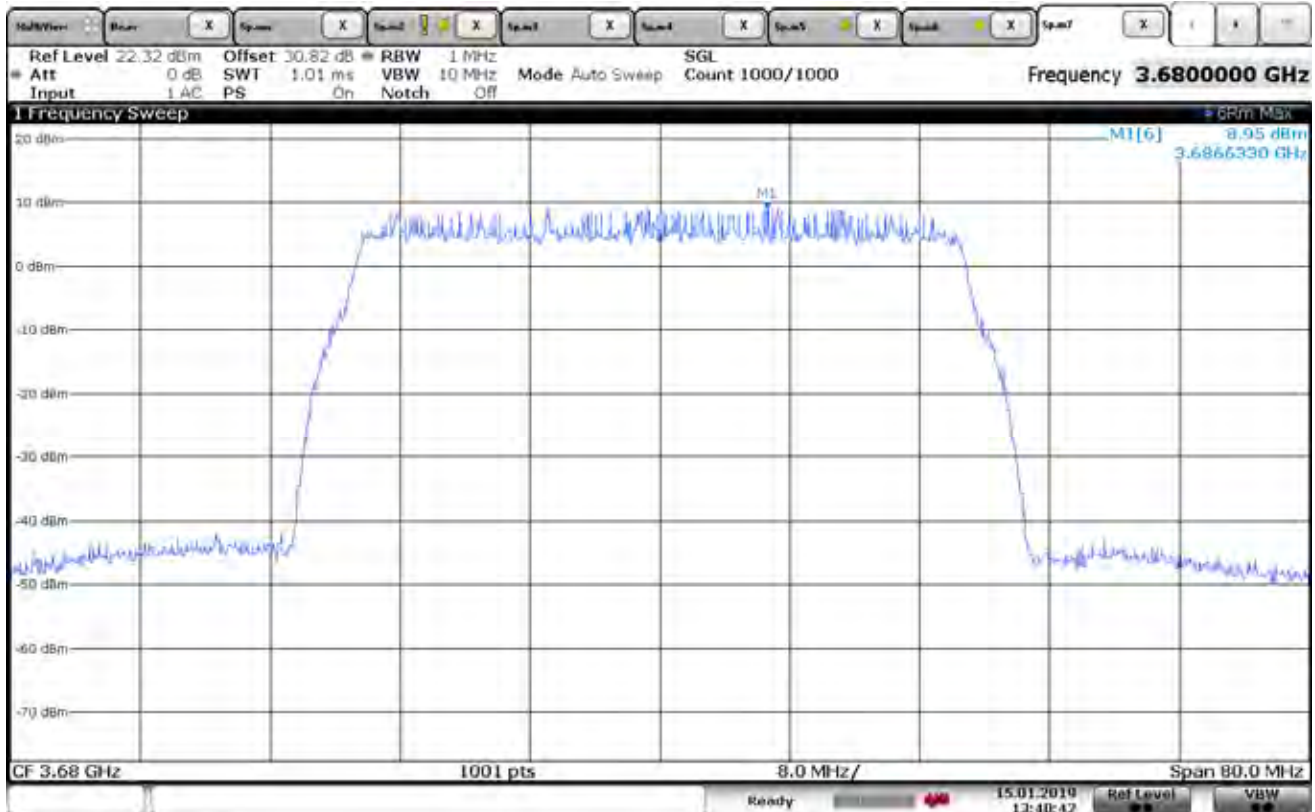


Date: 15 JAN 2019 12:57:44

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 15, 2019
MODE	: Transmit at 3600MHz, 40MHz Channel, Channel B
NOTES	: Power Spectral Density = 8.31dBm + 1.19dB = 9.50dBm

Checked By: *Richard E. King*

Richard King

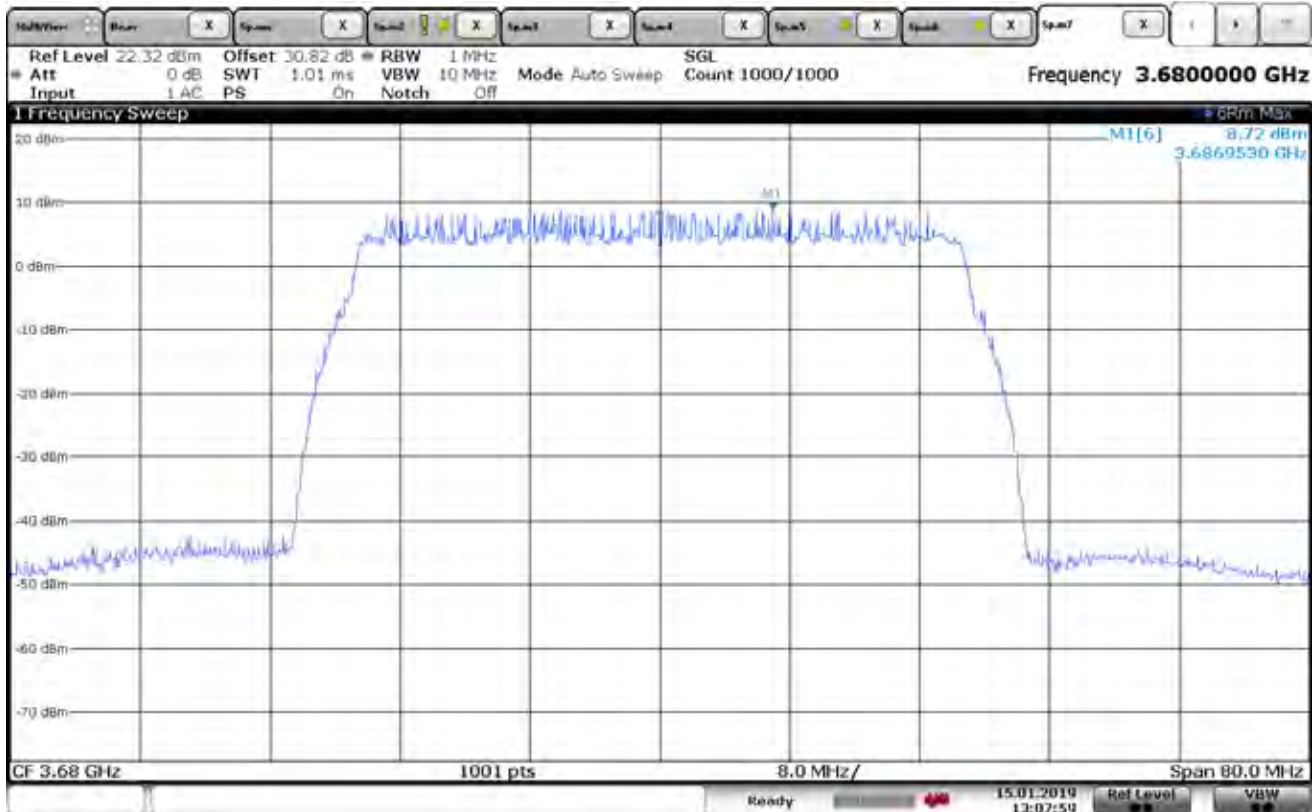


Date: 15.JAN.2019 13:40:42

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 15, 2019
MODE	: Transmit at 3680MHz, 40MHz Channel, Channel A
NOTES	: Power Spectral Density = 8.95dBm + 1.19dB = 10.17dBm

Checked By: *Richard E. King*

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Date: 15.JAN.2019 13:07:59

MANUFACTURER	: Cambium Networks, Inc.
MODEL NO.	: C036045A001A
SERIAL NO.	: 0A003E429FC3
SPECIFICATION	: FCC 96.41(e) Power Spectral Density
DATE	: January 15, 2019
MODE	: Transmit at 3680MHz, 40MHz Channel, Channel B
NOTES	: Power Spectral Density = 8.72dBm + 1.19dB = 9.91dBm

Checked By: *RICHARD E. KING*

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MANUFACTURER : Cambium Networks, Inc.
MODEL NO. : C036045A001A
SERIAL NO. : 0A003E429FC3
SPECIFICATION : FCC 96.41(e) Power Spectral Density
DATE : January 7-17, 2019
NOTES : 20MHz channel

Frequency MHz	Antenna Port	Meter Reading (dBm)	Duty Cycle Correction dB	Total PSD (dBm/MHz)	Maximum PSD (dBm/MHz)	Margin (dB)
3560	A	16.24	3.01	19.25	37	-17.75
3560	B	16.32	3.01	19.33	37	-17.67
3600	A	16.47	3.01	19.48	37	-17.52
3600	B	16.09	3.01	19.1	37	-17.9
3690	A	15.71	3.01	18.72	37	-18.28
3690	B	16.02	3.01	19.03	37	-17.97

PSD = Meter Reading + Duty Cycle Correction

Checked By: *RICHARD E. KING*

Richard King



MANUFACTURER : Cambium Networks, Inc.
MODEL NO. : C036045A001A
SERIAL NO. : 0A003E429FC3
SPECIFICATION : FCC 96.41(e) Power Spectral Density
DATE : January 7-17, 2019
NOTES : 40MHz channel

Frequency MHz	Antenna Port	Meter Reading (dBm)	Duty Cycle Correction dB	Total PSD (dBm/MHz)	Maximum PSD (dBm/MHz)	Margin (dB)
3570	A	8.64	1.19	9.83	37	-27.17
3570	B	8.33	1.19	9.52	37	-27.48
3600	A	8.73	1.19	9.92	37	-27.08
3600	B	8.31	1.19	9.5	37	-27.5
3680	A	8.95	1.19	10.14	37	-26.86
3680	B	8.72	1.19	9.91	37	-27.09

PSD = Meter Reading + Duty Cycle Correction

Checked By: *RICHARD E. KING*

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MANUFACTURER : Cambium Networks, Inc.
MODEL NO. : C036045A001A
SERIAL NO. : 0A003E429FC3
SPECIFICATION : FCC 96.41(e) Peak to Average Ratio
DATE : January 15, 2019
NOTES : 20MHz Channel

Frequency (MHZ)	Antenna Port	Peak Meter Reading (dBm)	Average Meter Reading (dBm)	Peak to Average Total (dB)	Peak to Average Limit (dB)	Margin (dB)
3560	A	25.66	26.07	-0.41	13	-13.41
3560	B	25.85	25.88	-0.03	13	-13.03
3600	A	26.04	26.34	-0.3	13	-13.3
3600	B	25.78	26.29	-0.51	13	-13.51
3690	A	25.42	25.5	-0.08	13	-13.08
3690	B	25.59	25.85	-0.26	13	-13.26

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MODEL NO. : C036045A001A
SERIAL NO. : 0A003E429FC3
SPECIFICATION : FCC 96.41(e) Peak to Average Ratio
DATE : January 15, 2019
NOTES : 40MHz Channel

Frequency (MHZ)	Antenna Port	Peak Meter Reading (dBm)	Average Meter Reading (dBm)	Peak to Average Total (dB)	Peak to Average Limit (dB)	Margin (dB)
3570	A	22.99	18.01	4.98	13	-8.02
3570	B	22.37	17.62	4.75	13	-8.25
3600	A	22.8	18.11	4.69	13	-8.31
3600	B	22.33	17.78	4.55	13	-8.45
3680	A	23.09	18.38	4.71	13	-8.29
3680	B	23.09	18.04	5.05	13	-7.95

Checked By: *RICHARD E. King*
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