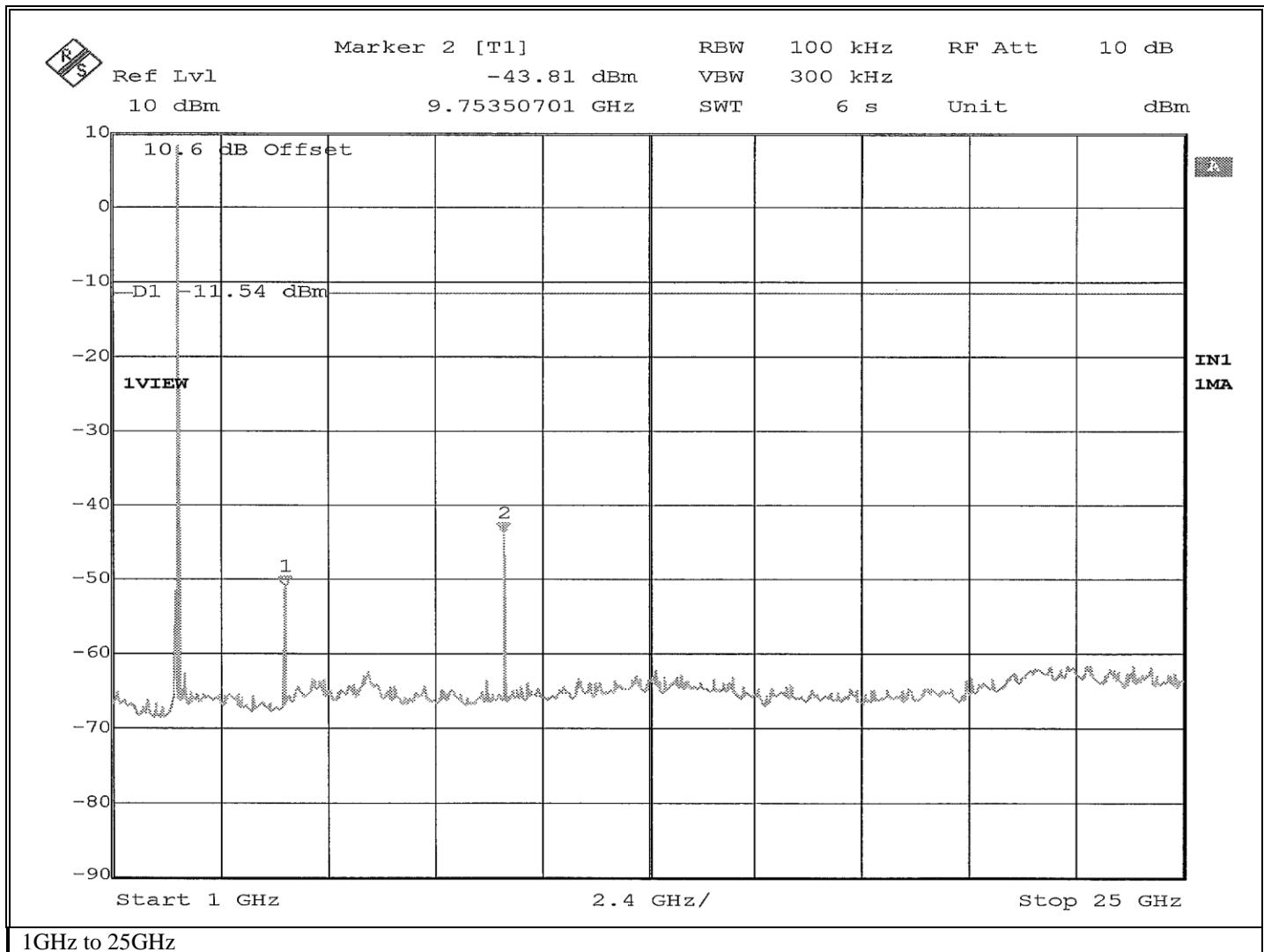


EMISSIONS TEST DATA SHEET

Method:	Conducted Out of Band
Test Specification:	FCC Part 15, Subpart C Paragraph: 15.247 (d)
Job Number:	R-6288N-3
Customer:	ARRIS
Test Sample:	Set Top Box
Model Number:	AX061AEI
Serial Number:	M11742TK0102
Operating Mode:	Transmitting modulated signal at 2.440 GHz
Technician:	M.Seamans
Date(s):	December 22 nd , 2017
Temp/ Relative Humidity:	20.4 °C / 23.1 %
Notes:	Limit: -11.54 dBm

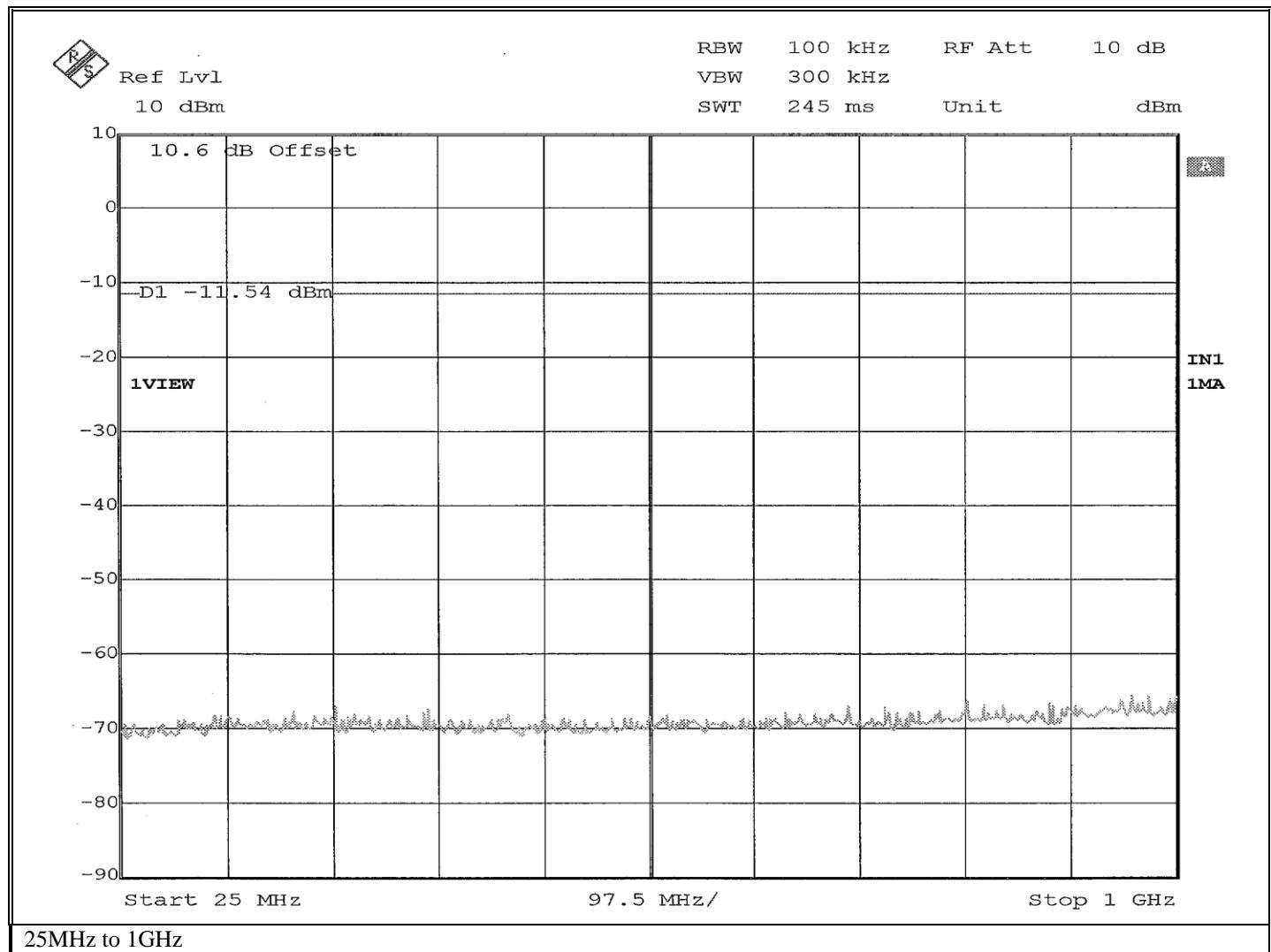


Retlif Testing Laboratories

Report No. R-6288N-3

EMISSIONS TEST DATA SHEET

Method:	Conducted Out of Band
Test Specification:	FCC Part 15, Subpart C Paragraph: 15.247 (d)
Job Number:	R-6288N-3
Customer:	ARRIS
Test Sample:	Set Top Box
Model Number:	AX061AEI
Serial Number:	M11742TK0102
Operating Mode:	Transmitting modulated signal at 2.480 GHz
Technician:	M.Seamans
Date(s):	December 22 nd , 2017
Temp/ Relative Humidity:	20.4 °C / 23.1 %
Notes:	Limit: -11.54 dBm

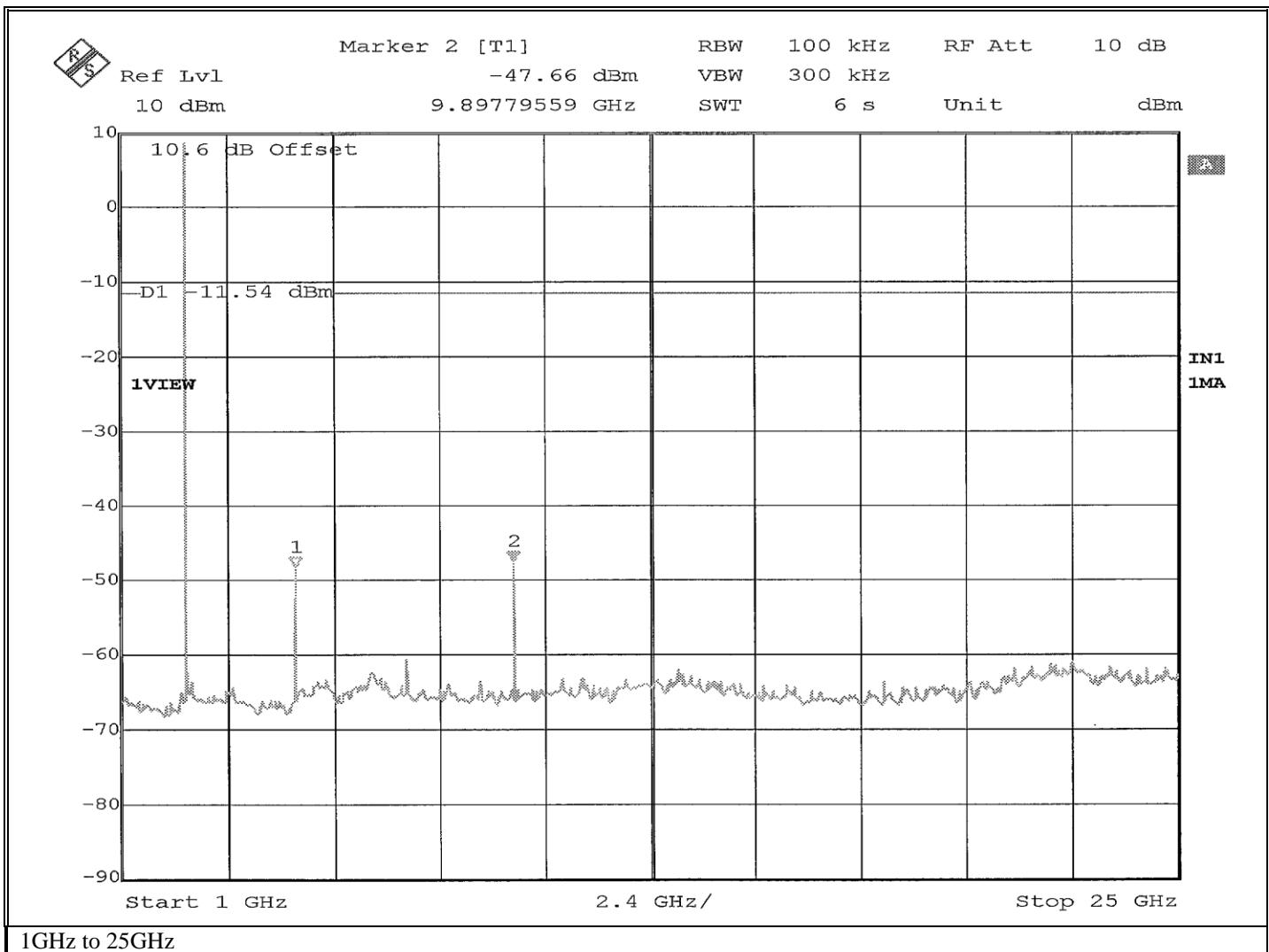


Retlif Testing Laboratories

Report No. R-6288N-3

EMISSIONS TEST DATA SHEET

Method:	Conducted Out of Band
Test Specification:	FCC Part 15, Subpart C Paragraph: 15.247 (d)
Job Number:	R-6288N-3
Customer:	ARRIS
Test Sample:	Set Top Box
Model Number:	AX061AEI
Serial Number:	M11742TK0102
Operating Mode:	Transmitting modulated signal at 2.480 GHz
Technician:	M.Seamans
Date(s):	December 22 nd , 2017
Temp/ Relative Humidity:	20.4 °C / 23.1 %
Notes:	Limit: -11.54 dBm



Retlif Testing Laboratories

Report No. R-6288N-3

**Test Photographs
Spurious Emissions, 30 MHz to 25 GHz**



Test Configuration



Retlif Testing Laboratories

Report No. R-6288N-3

**Test Photographs
Spurious Emissions, 30 MHz to 25 GHz**



Horizontal Antenna Polarization, 30 MHz – 200 MHz



Vertical Antenna Polarization, 30 MHz – 200 MHz



Retlif Testing Laboratories

Report No. R-6288N-3

**Test Photographs
Spurious Emissions, 30 MHz to 25 GHz**



Horizontal Antenna Polarization, 200 MHz – 1 GHz



Vertical Antenna Polarization, 200 MHz – 1 GHz



Retlif Testing Laboratories

Report No. R-6288N-3

**Test Photographs
Spurious Emissions, 30 MHz to 25 GHz**



Horizontal Antenna Polarization, 1 GHz – 18 GHz



Vertical Antenna Polarization, 1 GHz – 18 GHz



Retlif Testing Laboratories

Report No. R-6288N-3

**Test Photographs
Spurious Emissions, 30 MHz to 25 GHz**



Horizontal Antenna Polarization, 18 GHz – 25 GHz



Vertical Antenna Polarization, 18 GHz – 25 GHz



Retlif Testing Laboratories

Report No. R-6288N-3

**Unwanted Emissions into Restricted Frequency Bands
Spurious Emissions Test Data**



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Unwanted Emissions into Restricted Frequency Bands	
Customer	ARRIS	
Job Number	R-6288N-3	
Test Sample	Set Top Box	
Model Number	AX061AEI	
Serial Number	M11742TK0102	
Test Specification	FCC Part 15 Subpart C	Paragraph: 15.247(d)
Operating Mode	Transmitting modulated signal	
Technician	M. Seamans	
Date	January 3 rd , 2018	
Notes: Antenna Test Distance: 3 meters Detector: Quasi-Peak <1GHz, Average >1GHz		

TEST PARAMETERS

Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading			Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m			uV/m	uV/m
37.50	-	-	-	-			-	100.00
	37.75	18.00	14.20	32.20			40.74	I
38.25	-	-	-	-			-	100.00
73.00	-	-	-	-			-	100.00
	74.00	16.94	8.36	25.30	*		18.41	I
74.60	-	-	-	-			-	100.00
74.80	-	-	-	-			-	100.00
	75.00	12.64	8.36	21.00	*		11.22	
75.20	-	-	-	-			-	100.00
108.00	-	-	-	-			-	150.00
	115.00	7.28	10.02	17.30	*		7.33	
	-	-	-	-			-	
121.94	-	-	-	-			-	150.00
123.00	-	-	-	-			-	150.00
	128.95	26.86	9.44	36.30			65.31	
	-	-	-	-			-	
138.00	-	-	-	-			-	150.00

EUT emissions within 10 dB of the specified test limit were observed at the specified test distance throughout the given frequency spectrum. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Unwanted Emissions into Restricted Frequency Bands	
Customer	ARRIS	
Job Number	R-6288N-3	
Test Sample	Set Top Box	
Model Number	AX061AEI	
Serial Number	M11742TK0102	
Test Specification	FCC Part 15 Subpart C	FCC Part 15 Subpart C
Operating Mode	Transmitting modulated signal	
Technician	M. Seamans	
Date	January 3 rd , 2018	
Notes: Antenna Test Distance: 3 meters Detector: Quasi-Peak <1GHz, Average >1GHz		

TEST PARAMETERS

Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading			Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m			uV/m	uV/m
149.90	-	-	-	-			-	150.00
	150.00	5.43	11.17	16.60	*		6.76	
150.05	-	-	-	-			-	150.00
156.52	-	-	-	-			-	150.00
	156.52	4.52	12.08	16.60	*		6.76	
156.52	-	-	-	-			-	150.00
156.70	-	-	-	-			-	150.00
	156.80	5.38	12.12	17.50	*		7.50	
156.90	-	-	-	-			-	150.00
162.01	-	-	-	-			-	150.00
	165.00	5.92	12.68	18.60	*		8.51	
167.17	-	-	-	-			-	150.00
167.72	-	-	-	-			-	150.00
	170.00	5.10	12.80	17.90	*		7.85	
173.20	-	-	-	-			-	150.00

No EUT emissions within 10 dB of the specified test limit were observed at the specified test distance throughout the given frequency spectrum.

* This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Unwanted Emissions into Restricted Frequency Bands	
Customer	ARRIS	
Job Number	R-6288N-3	
Test Sample	Set Top Box	
Model Number	AX061AEI	
Serial Number	M11742TK0102	
Test Specification	FCC Part 15 Subpart C	FCC Part 15 Subpart C
Operating Mode	Transmitting modulated signal	
Technician	M. Seamans	
Date	January 3 rd , 2018	
Notes: Antenna Test Distance: 3 meters Detector: Quasi-Peak <1GHz, Average >1GHz		

TEST PARAMETERS

Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading			Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m			uV/m	uV/m
240.00	-	-	-	-			-	200.00
	242.31	9.35	16.85	26.20			20.42	
285.00	-	-	-	-			-	200.00
322.80	-	-	-	-			-	200.00
	330.00	2.99	18.91	21.90	*		12.45	
335.40	-	-	-	-			-	200.00
399.90	-	-	-	-			-	200.00
	405.00	1.51	21.49	23.00	*		14.13	
410.00	-	-	-	-			-	200.00
608.00	-	-	-	-			-	200.00
	611.00	-3.84	27.34	23.50	*		14.96	
614.00	-	-	-	-			-	200.00
960.00	-	-	-	-			-	500.00
	975.00	-0.60	32.10	31.50	*		37.58	
1240.00	-	-	-	-			-	500.00
1300.00	-	-	-	-			-	500.00
	1350.00	32.84	-9.40	23.44	*		14.86	
1427.00	-	-	-	-			-	500.00

EUT emissions within 10 dB of the specified test limit were observed at the specified test distance throughout the given frequency spectrum. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Unwanted Emissions into Restricted Frequency Bands	
Customer	ARRIS	
Job Number	R-6288N-3	
Test Sample	Set Top Box	
Model Number	AX061AEI	
Serial Number	M11742TK0102	
Test Specification	FCC Part 15 Subpart C	FCC Part 15 Subpart C
Operating Mode	Transmitting modulated signal	
Technician	M. Seamans	
Date	January 3 rd , 2018	
Notes: Antenna Test Distance: 3 meters Detector: Quasi-Peak <1GHz, Average >1GHz		

TEST PARAMETERS

Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading			Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m			uV/m	uV/m
1435.00	-	-	-	-			-	500.00
	1500.00	33.82	-8.64	25.18	*		18.16	
1646.50	-	-	-	-			-	500.00
1660.00	-	-	-	-			-	500.00
	1680.00	32.80	-7.65	25.15	*		18.09	
1710.00	-	-	-	-			-	500.00
1718.80	-	-	-	-			-	500.00
	1720.00	32.40	-5.78	26.62	*		21.43	
1722.20	-	-	-	-			-	500.00
2200.00	-	-	-	-			-	500.00
	2250.00	32.60	-5.46	27.14	*		22.75	
2300.00	-	-	-	-			-	500.00
2310.00	-	-	-	-			-	500.00
	2390.00	32.91	-5.46	27.45			23.58	
2390.00	-	-	-	-			-	500.00
2483.50	-	-	-	-			-	500.00
	2483.50	47.55	-5.11	42.44			132.43	
2500.00	-	-	-	-			-	500.00

EUT emissions within 10 dB of the specified test limit were observed at the specified test distance throughout the given frequency spectrum. *
 This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Unwanted Emissions into Restricted Frequency Bands	
Customer	ARRIS	
Job Number	R-6288N-3	
Test Sample	Set Top Box	
Model Number	AX061AEI	
Serial Number	M11742TK0102	
Test Specification	FCC Part 15 Subpart C	FCC Part 15 Subpart C
Operating Mode	Transmitting modulated signal	
Technician	M. Seamans	
Date	January 3 rd , 2018	
Notes: Antenna Test Distance: 3 meters Detector: Quasi-Peak <1GHz, Average >1GHz		

TEST PARAMETERS

Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading			Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m			uV/m	uV/m
2690.00	-	-	-	-			-	500.00
	-	-	-	-			-	
	2750.00	32.12	-4.45	27.67	*		24.18	
	-	-	-	-			-	
2900.00	-	-	-	-			-	500.00
3260.00	-	-	-	-			-	500.00
	3263.00	32.21	-2.88	29.88	*		31.19	
3267.00	-	-	-	-			-	500.00
3332.00	-	-	-	-			-	500.00
	3336.00	32.23	-2.62	29.61	*		30.23	
3339.00	-	-	-	-			-	500.00
3345.00	-	-	-	-			-	500.00
	3350.00	32.09	-2.57	29.52	*		29.92	
3358.00	-	-	-	-			-	500.00
3600.00	-	-	-	-			-	500.00
	-	-	-	-			-	
	3700.00	31.55	-1.40	30.15	*		32.17	
	-	-	-	-			-	

EUT emissions observed throughout the given frequency spectrum were recorded and evaluated. Emission levels closest to the limit are listed on this data sheet. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Unwanted Emissions into Restricted Frequency Bands		
Customer	ARRIS		
Job Number	R-6288N-3		
Test Sample	Set Top Box		
Model Number	AX061AEI		
Serial Number	M11742TK0102		
Test Specification	FCC Part 15 Subpart C		FCC Part 15 Subpart C
Operating Mode	Transmitting modulated signal		
Technician	M. Seamans		
Date	January 3 rd , 2018		
Notes: Antenna Test Distance: 3 meters		Detector: Quasi-Peak <1GHz, Average >1GHz	

TEST PARAMETERS

Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading			Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m			uV/m	uV/m
	-	-	-	-			-	
4400.00	-	-	-	-			-	500.00
4500.00	-	-	-	-			-	500.00
	4804.00	46.17	0.29	46.46			210.38	
	-	-	-	-			-	
5150.00	-	-	-	-			-	500.00
5350.00	-	-	-	-			-	500.00
	5400.00	31.40	0.92	32.32	*		41.30	
5460.00	-	-	-	-			-	500.00
7250.00	-	-	-	-			-	500.00
	7440.00	32.74	3.65	36.39	*		65.99	
7750.00	-	-	-	-			-	500.00
8025.00	-	-	-	-			-	500.00
	8300.00	32.98	4.43	37.41	*		74.22	
8500.00	-	-	-	-			-	500.00
9000.00	-	-	-	-			-	500.00
	9100.00	34.81	5.10	39.91	*		98.97	
9200.00	-	-	-	-			-	500.00

EUT emissions observed throughout the given frequency spectrum were recorded and evaluated. Emission levels closest to the limit are listed on this data sheet. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Unwanted Emissions into Restricted Frequency Bands		
Customer	ARRIS		
Job Number	R-6288N-3		
Test Sample	Set Top Box		
Model Number	AX061AEI		
Serial Number	M11742TK0102		
Test Specification	FCC Part 15 Subpart C		FCC Part 15 Subpart C
Operating Mode	Transmitting modulated signal		
Technician	M. Seamans		
Date	January 3 rd , 2018		
Notes: Antenna Test Distance: 3 meters		Detector: Quasi-Peak <1GHz, Average >1GHz	

TEST PARAMETERS

Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading			Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m			uV/m	uV/m
9300.00	-	-	-	-			-	500.00
	9400.00	33.16	5.38	38.54	*		84.53	
9500.00	-	-	-	-			-	500.00
10600.00	-	-	-	-			-	500.00
	12200.00	33.46	8.37	41.83	*		123.45	
12700.00	-	-	-	-			-	500.00
13250.00	-	-	-	-			-	500.00
	15800.00	34.77	8.84	43.61	*		151.53	
16200.00	-	-	-	-			-	500.00
17700.00	-	-	-	-			-	500.00
	19240.00	34.84	-6.52	28.32	*		26.06	
21400.00	-	-	-	-			-	500.00
22010.00	-	-	-	-			-	500.00
	22320.00	34.50	-5.30	29.20	*		28.84	
23120.00	-	-	-	-			-	500.00
23600.00	-	-	-	-			-	500.00
	23800.00	35.19	-4.17	31.02	*		35.56	
24000.00	-	-	-	-			-	500.00

EUT emissions observed throughout the given frequency spectrum were recorded and evaluated. Emission levels closest to the limit are listed on this data sheet. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).



Retlif Testing Laboratories

Report No. R-6288N-3

**Test Photographs
Spurious Radiated Emissions, 9 kHz to 40 GHz**



Loop Antenna, 9 kHz to 30 MHz



Retlif Testing Laboratories

Report No. R-6288N-1

Test Photographs
Spurious Radiated Emissions, 9 kHz to 40 GHz



Horizontal Polarization, 30 MHz – 200 MHz, Biconical Antenna



Vertical Polarization, 30 MHz – 200 MHz, Biconical Antenna



Retlif Testing Laboratories

Report No. R-6288N-1

**Test Photographs
Spurious Radiated Emissions, 9 kHz to 40 GHz**



Horizontal Polarization, 200 MHz - 1 GHz, Log Periodic



Vertical Polarization, 200 MHz - 1 GHz, Log Periodic



Retlif Testing Laboratories

Report No. R-6288N-1

**Test Photographs
Spurious Radiated Emissions, 9 kHz to 40 GHz**



Horizontal Polarization, 1- 18 GHz, Double Ridge Guide



Vertical Polarization, 1- 18 GHz, Double Ridge Guide



Retlif Testing Laboratories

Report No. R-6288N-1

**Test Photographs
Spurious Radiated Emissions, 9 kHz to 40 GHz**



Horizontal Polarization, 18- 26 GHz, High Gain Horn



Vertical Polarization, 18- 26 GHz, High Gain Horn



Retlif Testing Laboratories

Report No. R-6288N-3

**Test Photographs
Spurious Radiated Emissions, 9 kHz to 40 GHz**



Horizontal Polarization, 26 - 40 GHz, High Gain Horn



Horizontal Polarization, 26 - 40 GHz, High Gain Horn



Retlif Testing Laboratories

Report No. R-6288N-3

**Spurious Radiated Emissions, 9 kHz to 40 GHz
Test Data**



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Radiated Emissions 9 kHz to 40 GHz
Customer	ARRIS
Job Number	R-6288N-3
Test Sample	Set Top Box
Model Number	AX061AEI
Serial Number	M11742TK0116
Test Specification	FCC 15.209
Operating Mode	All Radios Active
Technician	M. Seamans
Date	January 3 rd , 2018
Notes: Test Antenna Distance: 3 meters Detector: Quasi-Peak < 1GHz; Average > 1GHz	

Frequency	Antenna Position	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted to 300M	Converted Reading	Limit at 300M
MHz	(H/V) / Height	Degrees	dBuV	dB	dBuV/m	dBuV/m	uV/m	uV/m
0.009	-	-	-	-	-	-	-	266.67
	-	-	-	-	-	-	-	I
	-	-	-	-	-	-	-	I
	-	-	-	-	-	-	-	I
0.490	-	-	-	-	-	-	-	4.89
No EUT emissions were observed at the stated test distance throughout the given frequency spectrum.								



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Radiated Emissions 9 kHz to 40 GHz
Customer	ARRIS
Job Number	R-6288N-3
Test Sample	Set Top Box
Model Number	AX061AEI
Serial Number	M11742TK0116
Test Specification	FCC 15.209
Operating Mode	All Radios Active
Technician	M. Seamans
Date	January 3 rd , 2018
Notes: Test Antenna Distance: 3 meters Detector: Quasi-Peak < 1GHz; Average > 1GHz	

Frequency	Antenna Position	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted to 30M	Converted Reading	Limit at 30M
MHz	(H/V) / Height	Degrees	dBuV	dB	dBuV/m	dBuV/m	uV/m	uV/m
0.490	-	-	-	-	-	-	-	48.98
	-	-	-	-	-	-	-	
1.705	-	-	-	-	-	-	-	14.08
1.705	-	-	-	-	-	-	-	30.00
	-	-	-	-	-	-	-	
13.110	-	-	-	-	-	-	-	30.00
13.110	-	-	-	-	-	-	-	106.00
	-	-	-	-	-	-	-	
13.410	-	-	-	-	-	-	-	106.00
13.410	-	-	-	-	-	-	-	334.00
	-	-	-	-	-	-	-	
13.553	-	-	-	-	-	-	-	334.00
13.553	-	-	-	-	-	-	-	15848.00
	-	-	-	-	-	-	-	
13.567	-	-	-	-	-	-	-	15848.00
13.567	-	-	-	-	-	-	-	334.00
	-	-	-	-	-	-	-	
13.710	-	-	-	-	-	-	-	334.00
13.710	-	-	-	-	-	-	-	106.00
	-	-	-	-	-	-	-	
14.010	-	-	-	-	-	-	-	106.00
No EUT emissions were observed at the stated test distance throughout the given frequency spectrum.								



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Radiated Emissions 9 kHz to 40 GHz
Customer	ARRIS
Job Number	R-6288N-3
Test Sample	Set Top Box
Model Number	AX061AEI
Serial Number	M11742TK0116
Test Specification	FCC 15.209
Operating Mode	All Radios Active
Technician	M. Seamans
Date	January 3 rd , 2018
Notes: Test Antenna Distance: 3 meters Detector: Quasi-Peak < 1GHz; Average > 1GHz	

Frequency	Antenna Position	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted to 30M	Converted Reading	Limit at 30M
MHz	(H/V) / Height	Degrees	dBuV	dB	dBuV/m	dBuV/m	uV/m	uV/m
14.010	-	-	-	-	-	-	-	30.00
	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	
30.00	-	-	-	-	-	-	-	30.00
No EUT emissions were observed at the stated test distance throughout the given frequency spectrum.								



Retlif Testing Laboratories

Report No. R-6288N-3

RETLIF TESTING LABORATORIES

EMISSIONS TEST DATA SHEET

Test Method	Radiated Emissions 9 kHz to 40 GHz						
Customer	ARRIS						
Job Number	R-6288N-3						
Test Sample	Set Top Box						
Model Number	AX061AEI						
Serial Number	M11742TK0116						
Test Specification	FCC 15.209						
Operating Mode	All radios operating simultaneously						
Technician	M. Seamans						
Date	January 3 rd , 2018						

Notes: Test Antenna Distance: 3 meters Detector: Quasi-Peak < 1GHz; Average > 1GHz

Frequency	Antenna Position	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading		Limit at 3M
MHz	(H/V) / Height	Degrees	dBuV	dB	dBuV/m		dBuV/m
30.00	-	-	-	-	-		40.0
	-	-	-	-	-		
37.75	V-1m	180.0	17.88	14.32	32.20		
78.39	V-1.5m	180.0	17.83	8.37	26.20		
	-	-	-	-	-		
88.00	-	-	-	-	-		40.0
88.00	-	-	-	-	-		43.5
	-	-	-	-	-		
128.95	H-1.5m	180.0	26.97	9.33	36.30		
135.56	V-1m	225.0	24.40	9.80	34.20		
209.40	H-1m	180.0	15.17	13.93	29.10		
	-	-	-	-	-		
216.00	-	-	-	-	-		43.5
216.00	-	-	-	-	-		46.0
	-	-	-	-	-		
242.31	H-1m	180.0	10.39	15.81	26.20		
	-	-	-	-	-		
960.00	-	-	-	-	-		46.0
960.00	-	-	-	-	-		54.0
	-	-	-	-	-		
5400.00	V-1m	0.0	30.44	0.92	31.36	*	
12200.00	V-1m	0.0	32.75	8.37	41.12	*	
22320.00	V-1m	0.0	35.42	-5.30	30.12	*	
	-	-	-	-	-		
40000.00	-	-	-	-	-		54.0

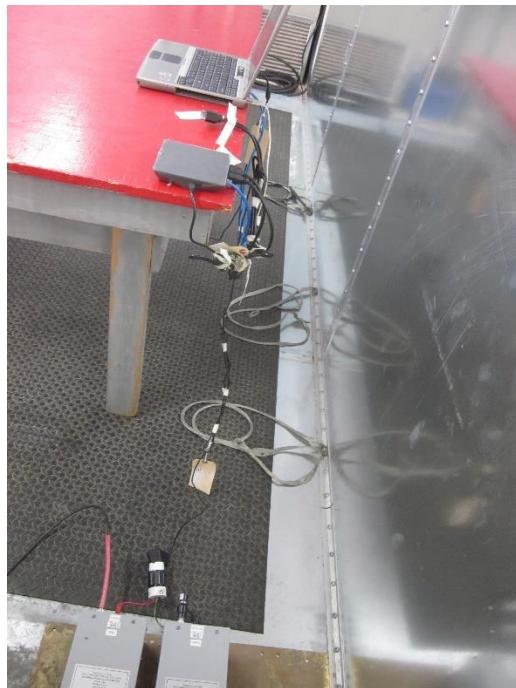
EUT emissions within 10 dB of the specified test limit were observed at the specified test distance throughout the given frequency spectrum. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).



Retlif Testing Laboratories

Report No. R-6288N-3

**Test Photographs
AC Line Conducted Emissions**



Test Configuration



Test Setup



Retlif Testing Laboratories

Report No. R-6288N-3

**FCC Section 15.207 (a)
AC Line Conducted Emissions
Test Data**



Retlif Testing Laboratories

Report No. R-6288N-3

EMISSIONS TEST DATA SHEET

Test Specification:	FCC Part 15, Subpart B, Section 15.207(a), Conducted Emissions
Method:	ANSI C63.4, Section 7, AC power-line conducted emission measurements
Job Number/Customer:	R-6288N-3 / ARRIS
Test Sample:	Set Top Box
Model Number:	AX061AEI
Part Number:	N/A
Serial Number:	M11742TK0116
Operating Mode:	All Radios Active
Technician:	M.Seamans
Date(s):	January 8 th , 2017
Temperature:	20.8 °C
Relative Humidity:	16.4 %
Lead Tested:	120 VAC 60 Hz

Frequency	Lead Tested	Peak Meter Reading	Quasi-Peak Meter Reading	Average Meter Reading	Quasi-Peak Limit	Average Limit
MHz		dBuV	dBuv	dBuV	dBuV	dBuV
0.152	Hot	50.09	44.16	32.82	65.89	55.89
0.152	Neutral	53.24	45.91	31.88	65.89	55.89
0.227	Hot	45.99	40.12	28.78	62.56	52.56
0.246	Neutral	48.73	41.09	26.65	61.89	51.89
0.290	Hot	41.39	35.88	24.22	60.52	50.52
0.429	Neutral	39.38	30.09	15.51	57.27	47.27
1.244	Hot	45.58	34.73	27.06	56	46
0.899	Neutral	40.62	36.78	26.28	56	46
3.404	Hot	36.46	31.73	23.07	56	46
3.500	Neutral	35.05	25.99	16.20	56	46
24.003	Hot	37.65	33.96	30.23	60	50
24.000	Neutral	33.91	31.01	23.94	60	50

The frequency range was scanned from 0.15 MHz to 30 MHz.

The six highest emissions relative to the limit are presented.

The emissions observed from the EUT do not exceed the specified limits.



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