

FCC 15.247

Linx Technologies
900 MHz FHSS RF Module
Model: TRM-900-TT
ANT-916-CW-HW Antenna

Date: 12/12/2012
Lab: B
Tested By: Kyle Fujimoto

Low Channel
Transmit Mode - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1805.24	49.68	V	74	-24.32	Peak	1.25	0	
1805.24	29.68	V	54	-24.32	Avg	1.25	0	
2707.86	51.17	V	74	-22.83	Peak	1.5	135	
2707.86	31.17	V	54	-22.83	Avg	1.5	135	
3610.48	39.96	V	74	-34.04	Peak	1.25	135	
3610.48	19.96	V	54	-34.04	Avg	1.25	135	
4513.1	44.04	V	74	-29.96	Peak	1.25	135	
4513.1	24.04	V	54	-29.96	Avg	1.25	135	
5415.72								No Emissions Detected
5415.72								
6318.34								No Emissions Detected
6318.34								
7220.96								No Emissions Detected
7220.96								
8123.58								No Emissions Detected
8123.58								
9026.2								No Emissions Detected
9026.2								

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Linx Technologies
 900 MHz FHSS RF Module
 Model: TRM-900-TT
 ANT-916-CW-HW Antenna

Date: 12/12/2012

Lab: B

Tested By: Kyle Fujimoto

Low Channel
Transmit Mode - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1805.24	50.17	V	74	-23.83	Peak	2.25	315	
1805.24	30.17	V	54	-23.83	Avg	2.25	315	
2707.86	50.77	V	74	-23.23	Peak	2.25	135	
2707.86	30.77	V	54	-23.23	Avg	2.25	135	
3610.48	40.23	V	74	-33.77	Peak	1.25	155	
3610.48	20.23	V	54	-33.77	Avg	1.25	155	
4513.1	46.84	V	74	-27.16	Peak	1.25	155	
4513.1	26.84	V	54	-27.16	Avg	1.25	155	
5415.72								No Emissions Detected
5415.72								
6318.34								No Emissions Detected
6318.34								
7220.96								No Emissions Detected
7220.96								
8123.58								No Emissions Detected
8123.58								
9026.2								No Emissions Detected
9026.2								

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 900 MHz FHSS RF Module
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Low Channel
Transmit Mode - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1805.24	47.71	V	74	-26.29	Peak	1.25	0	
1805.24	27.71	V	54	-26.29	Avg	1.25	0	
2707.86	50.79	V	74	-23.21	Peak	1.35	125	
2707.86	30.79	V	54	-23.21	Avg	1.35	125	
3610.48	41.73	V	74	-32.27	Peak	1.35	155	
3610.48	21.73	V	54	-32.27	Avg	1.35	155	
4513.1	41.73	V	74	-32.27	Peak	1.35	155	
4513.1	21.73	V	54	-32.27	Avg	1.35	155	
5415.72								No Emissions Detected
5415.72								
6318.34								No Emissions Detected
6318.34								
7220.96								No Emissions Detected
7220.96								
8123.58								No Emissions Detected
8123.58								
9026.2								No Emissions Detected
9026.2								

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900 MHz FHSS RF Module
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Low Channel**Transmit Mode - X-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1805.24	50.58	H	74	-23.42	Peak	1.25	155	
1805.24	30.58	H	54	-23.42	Avg	1.25	155	
2707.86	50.46	H	74	-23.54	Peak	1.35	155	
2707.86	30.46	H	54	-23.54	Avg	1.35	155	
3610.48	41.58	H	74	-32.42	Peak	1.25	165	
3610.48	21.58	H	54	-32.42	Avg	1.25	165	
4513.1	50.57	H	74	-23.43	Peak	1.25	165	
4513.1	30.57	H	54	-23.43	Avg	1.25	165	
5415.72								No Emissions Detected
5415.72								
6318.34								No Emissions Detected
6318.34								
7220.96								No Emissions Detected
7220.96								
8123.58								No Emissions Detected
8123.58								
9026.2								No Emissions Detected
9026.2								

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Low Channel
Transmit Mode - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1805.24	47.16	H	74	-26.84	Peak	1.25	0	
1805.24	27.16	H	54	-26.84	Avg	1.25	0	
2707.86	49.52	H	74	-24.48	Peak	1.15	125	
2707.86	29.52	H	54	-24.48	Avg	1.15	125	
3610.48	32.38	H	74	-41.62	Peak	1.25	165	
3610.48	12.38	H	54	-41.62	Avg	1.25	165	
4513.1	48.03	H	74	-25.97	Peak	1.25	165	
4513.1	28.03	H	54	-25.97	Avg	1.25	165	
5415.72								No Emissions
5415.72								Detected
6318.34								No Emissions
6318.34								Detected
7220.96								No Emissions
7220.96								Detected
8123.58								No Emissions
8123.58								Detected
9026.2								No Emissions
9026.2								Detected

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Low Channel**Transmit Mode - Z-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1805.24	48.24	H	74	-25.76	Peak	1.25	165	
1805.24	28.24	H	54	-25.76	Avg	1.25	165	
2707.86	47.18	H	74	-26.82	Peak	1.25	155	
2707.86	27.18	H	54	-26.82	Avg	1.25	155	
3610.48	41.73	H	74	-32.27	Peak	1.35	175	
3610.48	21.73	H	54	-32.27	Avg	1.35	175	
4513.1	50.58	H	74	-23.42	Peak	1.35	175	
4513.1	30.58	H	54	-23.42	Avg	1.35	175	
5415.72								No Emissions
5415.72								Detected
6318.34								No Emissions
6318.34								Detected
7220.96								No Emissions
7220.96								Detected
8123.58								No Emissions
8123.58								Detected
9026.2								No Emissions
9026.2								Detected

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Linx Technologies
900 MHz FHSS RF Module
Model: TRM-900-TT
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Middle Channel**Transmit Mode - X-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1817.24	47.41	V	74	-26.59	Peak	1.25	155	
1817.24	27.41	V	54	-26.59	Avg	1.25	155	
2725.86	48.22	V	74	-25.78	Peak	1.35	145	
2725.86	28.22	V	54	-25.78	Avg	1.35	145	
3634.48	40.69	V	74	-33.31	Peak	1.25	155	
3634.48	20.69	V	54	-33.31	Avg	1.25	155	
4543.1	47.41	V	74	-26.59	Peak	1.25	155	
4543.1	27.41	V	54	-26.59	Avg	1.25	155	
5451.72								No Emissions Detected
5451.72								
6360.34								No Emissions Detected
6360.34								
7268.96								No Emissions Detected
7268.96								
8177.58								No Emissions Detected
8177.58								
9086.2								No Emissions Detected
9086.2								

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Middle Channel
Transmit Mode - Y-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1817.24	49.21	V	74	-24.79	Peak	1.5	225	
1817.24	29.21	V	54	-24.79	Avg	1.5	225	
2725.86	50.61	V	74	-23.39	Peak	1.45	135	
2725.86	30.61	V	54	-23.39	Avg	1.45	135	
3634.48	39.97	V	74	-34.03	Peak	1.3	250	
3634.48	19.97	V	54	-34.03	Avg	1.3	250	
4543.1	49.58	V	74	-24.42	Peak	1.3	250	
4543.1	29.58	V	54	-24.42	Avg	1.3	250	
5451.72								No Emissions
5451.72								Detected
6360.34								No Emissions
6360.34								Detected
7268.96								No Emissions
7268.96								Detected
8177.58								No Emissions
8177.58								Detected
9086.2								No Emissions
9086.2								Detected

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**Middle Channel
Transmit Mode - Z-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1817.24	48.61	V	74	-25.39	Peak	1.5	225	
1817.24	28.61	V	54	-25.39	Avg	1.5	225	
2725.86	48.76	V	74	-25.24	Peak	1.3	250	
2725.86	28.76	V	54	-25.24	Avg	1.3	250	
3634.48	40.61	V	74	-33.39	Peak	1.3	250	
3634.48	20.61	V	54	-33.39	Avg	1.3	250	
4543.1	50.26	V	74	-23.74	Peak	1.25	155	
4543.1	30.26	V	54	-23.74	Avg	1.25	155	
5451.72								No Emissions
5451.72								Detected
6360.34								No Emissions
6360.34								Detected
7268.96								No Emissions
7268.96								Detected
8177.58								No Emissions
8177.58								Detected
9086.2								No Emissions
9086.2								Detected

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 900 MHz FHSS RF Module
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Middle Channel
Transmit Mode - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1817.24	53.15	H	74	-20.85	Peak	2.5	45	
1817.24	33.15	H	54	-20.85	Avg	2.5	45	
2725.86	50.91	H	74	-23.09	Peak	1.3	250	
2725.86	30.91	H	54	-23.09	Avg	1.3	250	
3634.48	40.78	H	74	-33.22	Peak	1.3	250	
3634.48	20.78	H	54	-33.22	Avg	1.3	250	
4543.1	48.01	H	74	-25.99	Peak	2	135	
4543.1	28.01	H	54	-25.99	Avg	2	135	
5451.72								No Emissions Detected
5451.72								
6360.34								No Emissions Detected
6360.34								
7268.96								No Emissions Detected
7268.96								
8177.58								No Emissions Detected
8177.58								
9086.2								No Emissions Detected
9086.2								

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900 MHz FHSS RF Module
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Middle Channel**Transmit Mode - Y-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1817.24	51.32	H	74	-22.68	Peak	1.5	45	
1817.24	31.32	H	54	-22.68	Avg	1.5	45	
2725.86	48.65	H	74	-25.35	Peak	1.3	250	
2725.86	28.65	H	54	-25.35	Avg	1.3	250	
3634.48	39.85	H	74	-34.15	Peak	1.3	250	
3634.48	19.85	H	54	-34.15	Avg	1.3	250	
4543.1	45.41	H	74	-28.59	Peak	1.3	250	
4543.1	25.41	H	54	-28.59	Avg	1.3	250	
5451.72								No Emissions Detected
5451.72								
6360.34								No Emissions Detected
6360.34								
7268.96								No Emissions Detected
7268.96								
8177.58								No Emissions Detected
8177.58								
9086.2								No Emissions Detected
9086.2								

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Linx Technologies
 900 MHz FHSS RF Module
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 ANT-916-CW-HW Antenna

Date: 12/12/2012
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**Middle Channel
Transmit Mode - Z-Axis**

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1817.24	54.16	H	74	-19.84	Peak	1.5	225	
1817.24	34.16	H	54	-19.84	Avg	1.5	225	
2725.86	50.07	H	74	-23.93	Peak	1.25	45	
2725.86	30.07	H	54	-23.93	Avg	1.25	45	
3634.48	41.18	H	74	-32.82	Peak	1.3	250	
3634.48	21.18	H	54	-32.82	Avg	1.3	250	
4543.1	43.51	H	74	-30.49	Peak	1.3	250	
4543.1	23.51	H	54	-30.49	Avg	1.3	250	
5451.72								No Emissions
5451.72								Detected
6360.34								No Emissions
6360.34								Detected
7268.96								No Emissions
7268.96								Detected
8177.58								No Emissions
8177.58								Detected
9086.2								No Emissions
9086.2								Detected

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Linx Technologies
900 MHz FHSS RF Module
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Date: 12/12/2012

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High Channel
Transmit Mode - X-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1829.24	54.85	V	74	-19.15	Peak	1.25	180	
1829.24	34.85	V	54	-19.15	Avg	1.25	180	
2743.86	44.26	V	74	-29.74	Peak	1.3	250	
2743.86	24.26	V	54	-29.74	Avg	1.3	250	
3658.48	38.86	V	74	-35.14	Peak	1.3	250	
3658.48	18.86	V	54	-35.14	Avg	1.3	250	
4573.1	44.42	V	74	-29.58	Peak	1.3	250	
4573.1	24.42	V	54	-29.58	Avg	1.3	250	
5487.72								No Emissions
5487.72								Detected
6402.34								No Emissions
6402.34								Detected
7316.96								No Emissions
7316.96								Detected
8231.58								No Emissions
8231.58								Detected
9146.2								No Emissions
9146.2								Detected

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Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1829.24	45.41	V	74	-28.59	Peak	1.25	180	
1829.24	25.41	V	54	-28.59	Avg	1.25	180	
2743.86	49.28	V	74	-24.72	Peak	1.3	250	
2743.86	29.28	V	54	-24.72	Avg	1.3	250	
3658.48	39.47	V	74	-34.53	Peak	1.3	250	
3658.48	19.47	V	54	-34.53	Avg	1.3	250	
4573.1	46.48	V	74	-27.52	Peak	1.3	250	
4573.1	26.48	V	54	-27.52	Avg	1.3	250	
5487.72								No Emissions
5487.72								Detected
6402.34								No Emissions
6402.34								Detected
7316.96								No Emissions
7316.96								Detected
8231.58								No Emissions
8231.58								Detected
9146.2								No Emissions
9146.2								Detected

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Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1829.24	50.51	V	74	-23.49	Peak	1.25	315	
1829.24	30.51	V	54	-23.49	Avg	1.25	315	
2743.86	49.03	V	74	-24.97	Peak	1.3	250	
2743.86	29.03	V	54	-24.97	Avg	1.3	250	
3658.48	41.27	V	74	-32.73	Peak	1.3	250	
3658.48	21.27	V	54	-32.73	Avg	1.3	250	
4573.1	45.85	V	74	-28.15	Peak	1.3	250	
4573.1	25.85	V	54	-28.15	Avg	1.3	250	
5487.72								No Emissions
5487.72								Detected
6402.34								No Emissions
6402.34								Detected
7316.96								No Emissions
7316.96								Detected
8231.58								No Emissions
8231.58								Detected
9146.2								No Emissions
9146.2								Detected

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Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1829.24	47.47	H	74	-26.53	Peak	1.25	180	
1829.24	27.47	H	54	-26.53	Avg	1.25	180	
2743.86	43.13	H	74	-30.87	Peak	1.85	315	
2743.86	23.13	H	54	-30.87	Avg	1.85	315	
3658.48	39.51	H	74	-34.49	Peak	1.25	165	
3658.48	19.51	H	54	-34.49	Avg	1.25	165	
4573.1	37.51	H	74	-36.49	Peak	1.25	165	
4573.1	17.51	H	54	-36.49	Avg	1.25	165	
5487.72								No Emissions
5487.72								Detected
6402.34								No Emissions
6402.34								Detected
7316.96								No Emissions
7316.96								Detected
8231.58								No Emissions
8231.58								Detected
9146.2								No Emissions
9146.2								Detected

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Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1829.24	54.26	H	74	-19.74	Peak	1.25	180	
1829.24	34.26	H	54	-19.74	Avg	1.25	180	
2743.86	47.92	H	74	-26.08	Peak	1.3	250	
2743.86	27.92	H	54	-26.08	Avg	1.3	250	
3658.48	35.41	H	74	-38.59	Peak	1.3	250	
3658.48	15.41	H	54	-38.59	Avg	1.3	250	
4573.1	46.74	H	74	-27.26	Peak	1.3	250	
4573.1	26.74	H	54	-27.26	Avg	1.3	250	
5487.72								No Emissions Detected
5487.72								
6402.34								No Emissions Detected
6402.34								
7316.96								No Emissions Detected
7316.96								
8231.58								No Emissions Detected
8231.58								
9146.2								No Emissions Detected
9146.2								

FCC 15.247

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 900 MHz FHSS RF Module
 Model: TRM-900-TT
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Date: 12/12/2012

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High Channel
Transmit Mode - Z-Axis

Freq. (MHz)	Level (dBuV)	Pol (v/h)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
1829.24	56.01	H	74	-17.99	Peak	1.4	90	
1829.24	36.01	H	54	-17.99	Avg	1.4	90	
2743.86	47.51	H	74	-26.49	Peak	1.3	250	
2743.86	27.51	H	54	-26.49	Avg	1.3	250	
3658.48	35.21	H	74	-38.79	Peak	1.3	250	
3658.48	15.21	H	54	-38.79	Avg	1.3	250	
4573.1	47.83	H	74	-26.17	Peak	1.3	250	
4573.1	27.83	H	54	-26.17	Avg	1.3	250	
5487.72								No Emissions
5487.72								Detected
6402.34								No Emissions
6402.34								Detected
7316.96								No Emissions
7316.96								Detected
8231.58								No Emissions
8231.58								Detected
9146.2								No Emissions
9146.2								Detected