

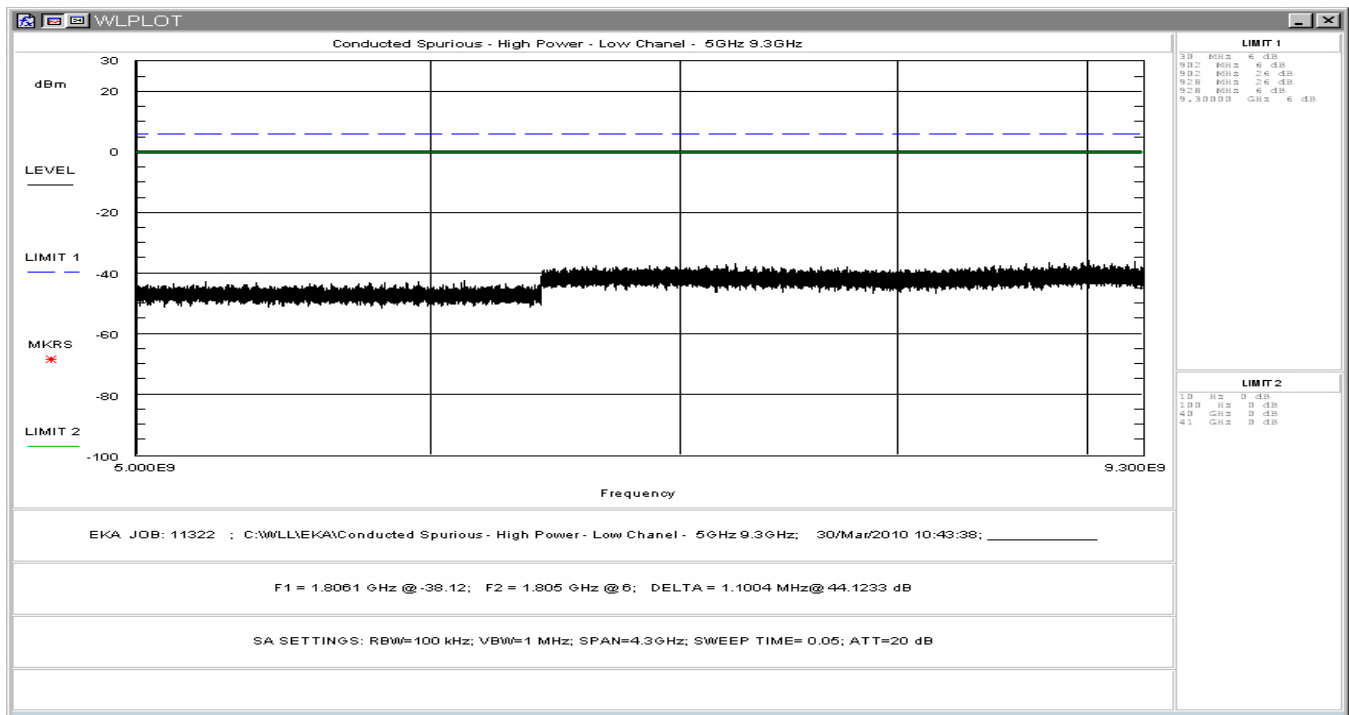


Figure 25: Conducted Spurious Emissions, High Power, Low Channel 5GHz – 9.3GHz

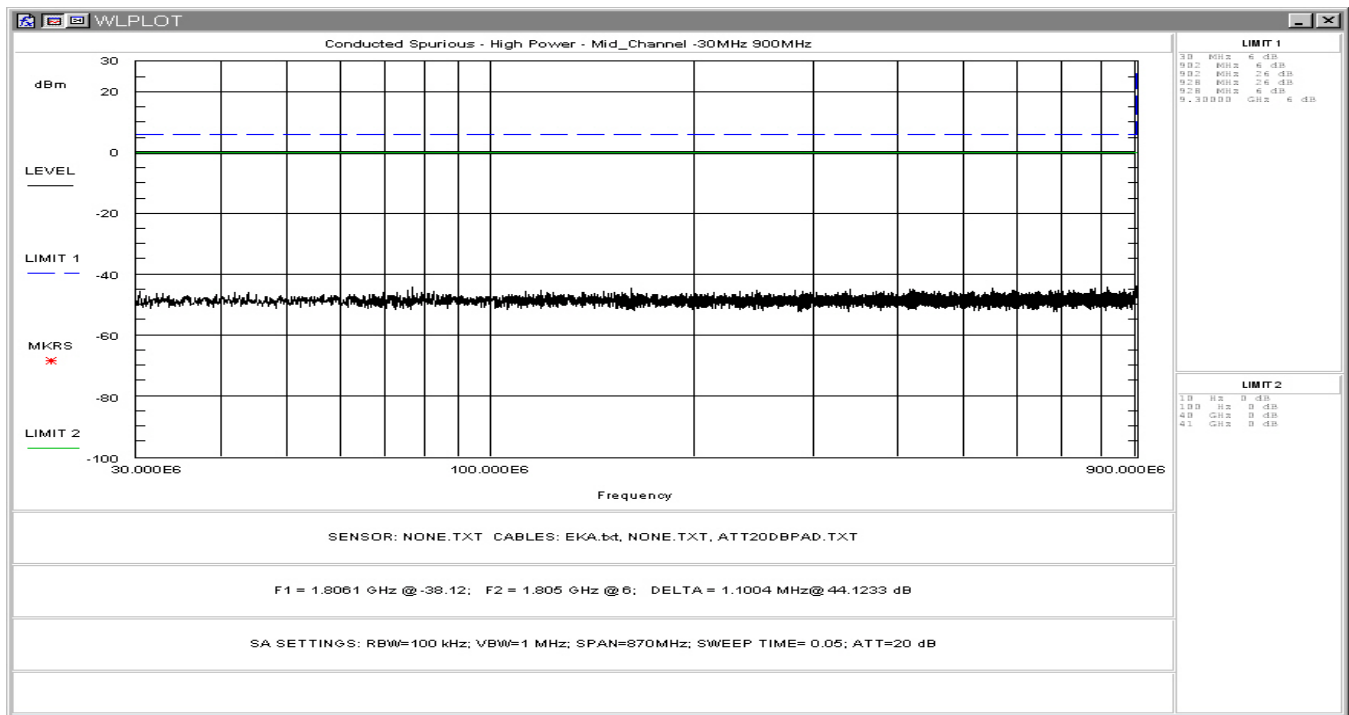


Figure 26: Conducted Spurious Emissions, High Power, Mid Channel 30 – 900MHz

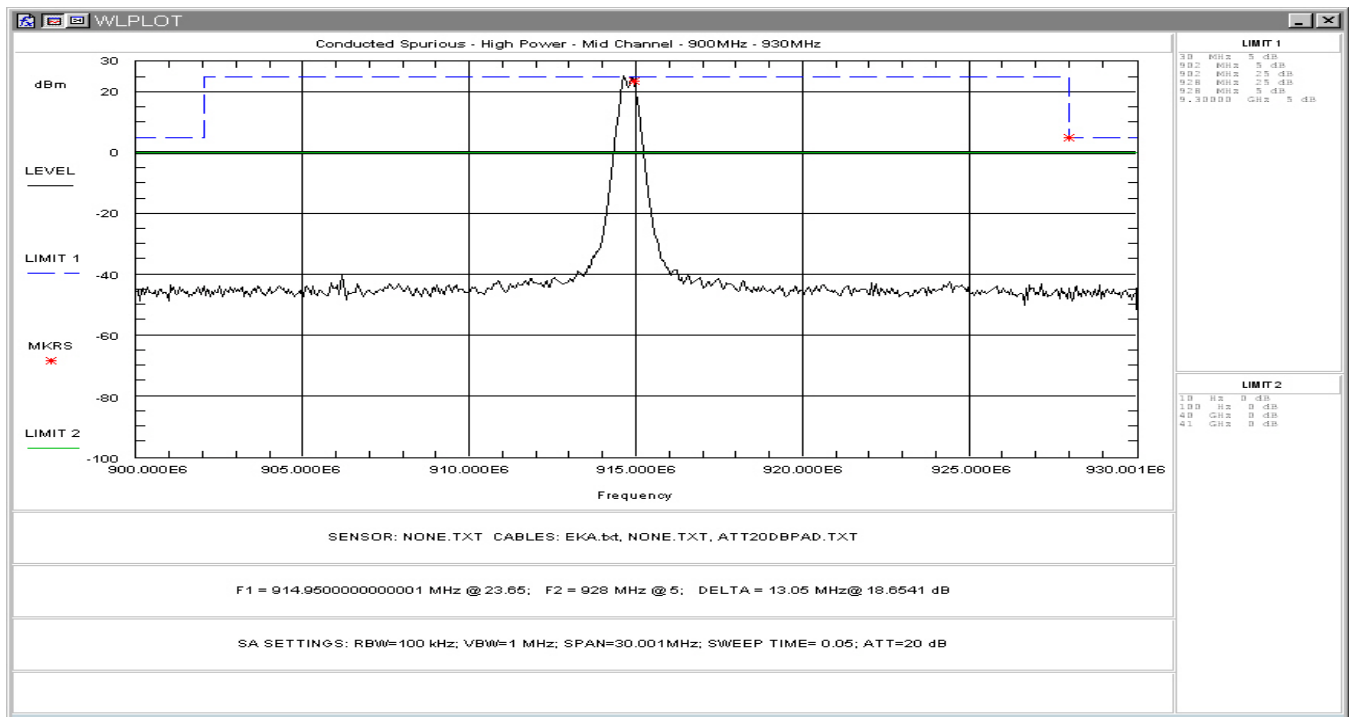


Figure 27: Conducted Spurious Emissions, High Power, Mid Channel 900 – 930MHz

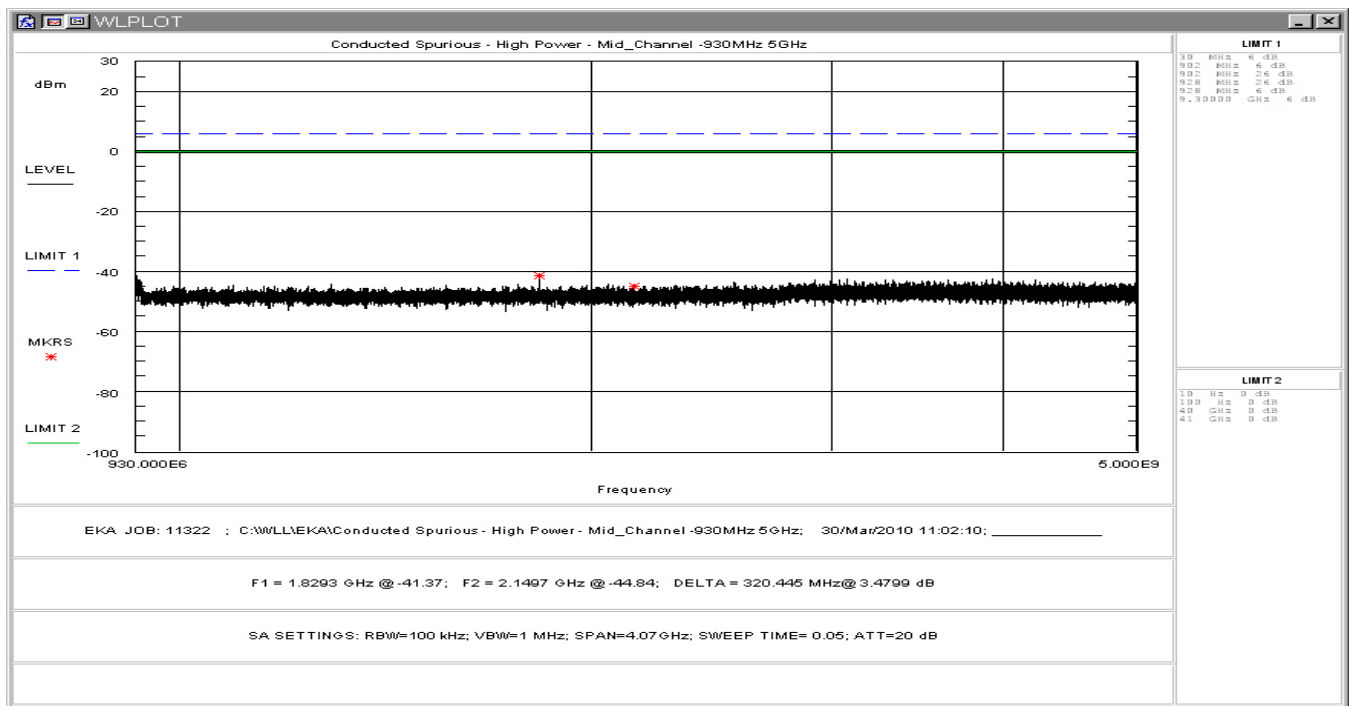


Figure 28: Conducted Spurious Emissions, High Power, Mid Channel 930MHz – 5GHz

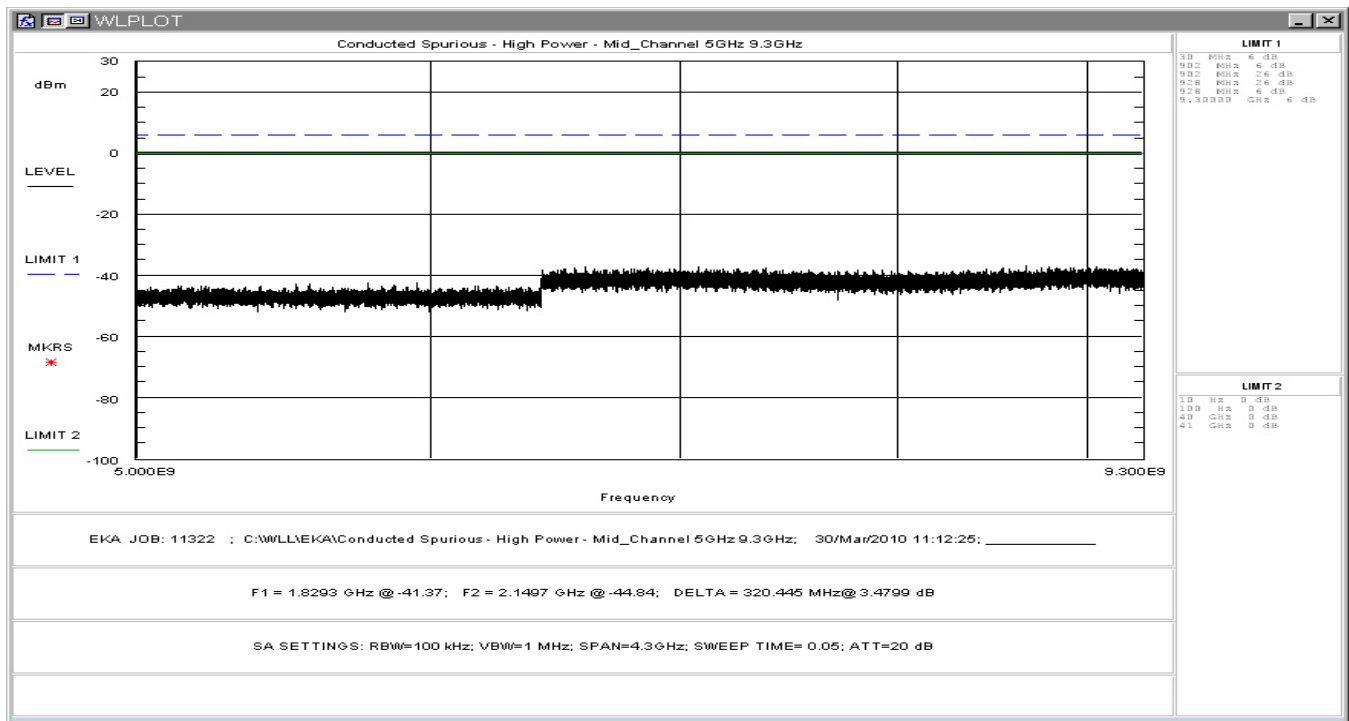


Figure 29: Conducted Spurious Emissions, High Power, Mid Channel 5GHz – 9.3GHz

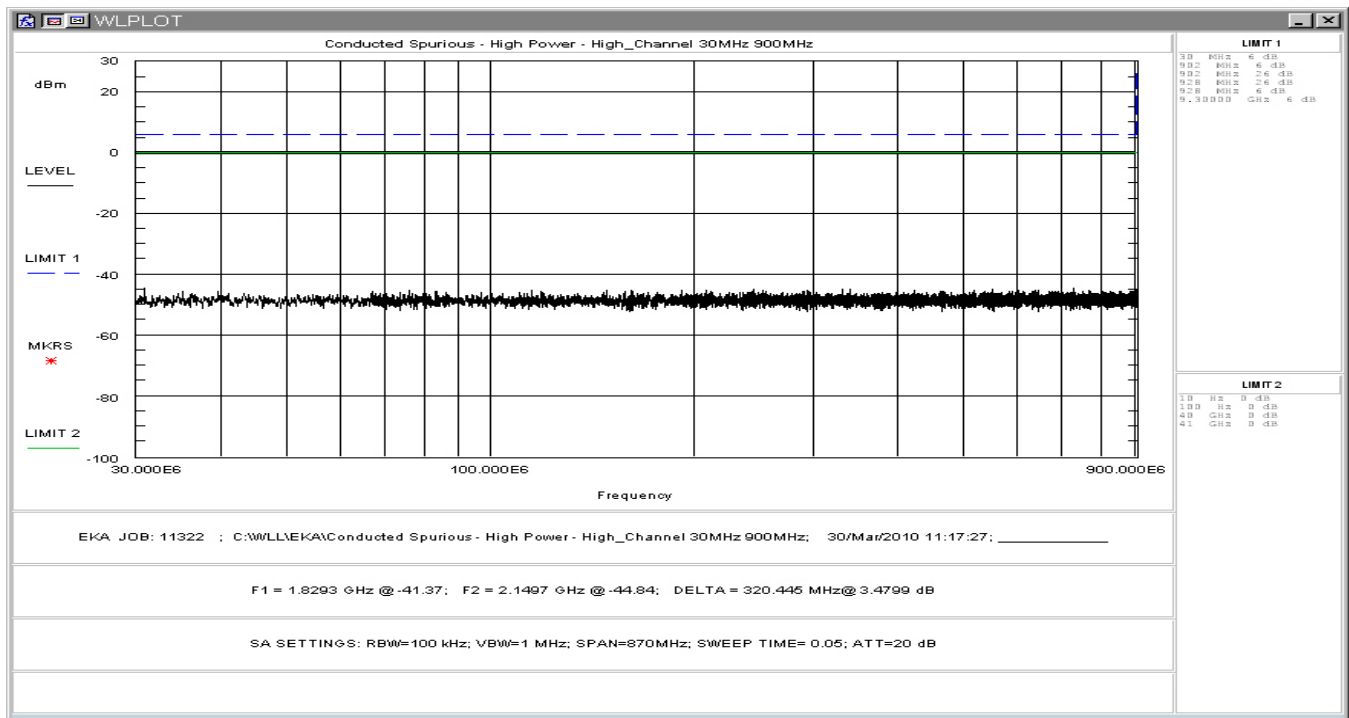


Figure 30: Conducted Spurious Emissions, High Power, High Channel 30 – 900MHz

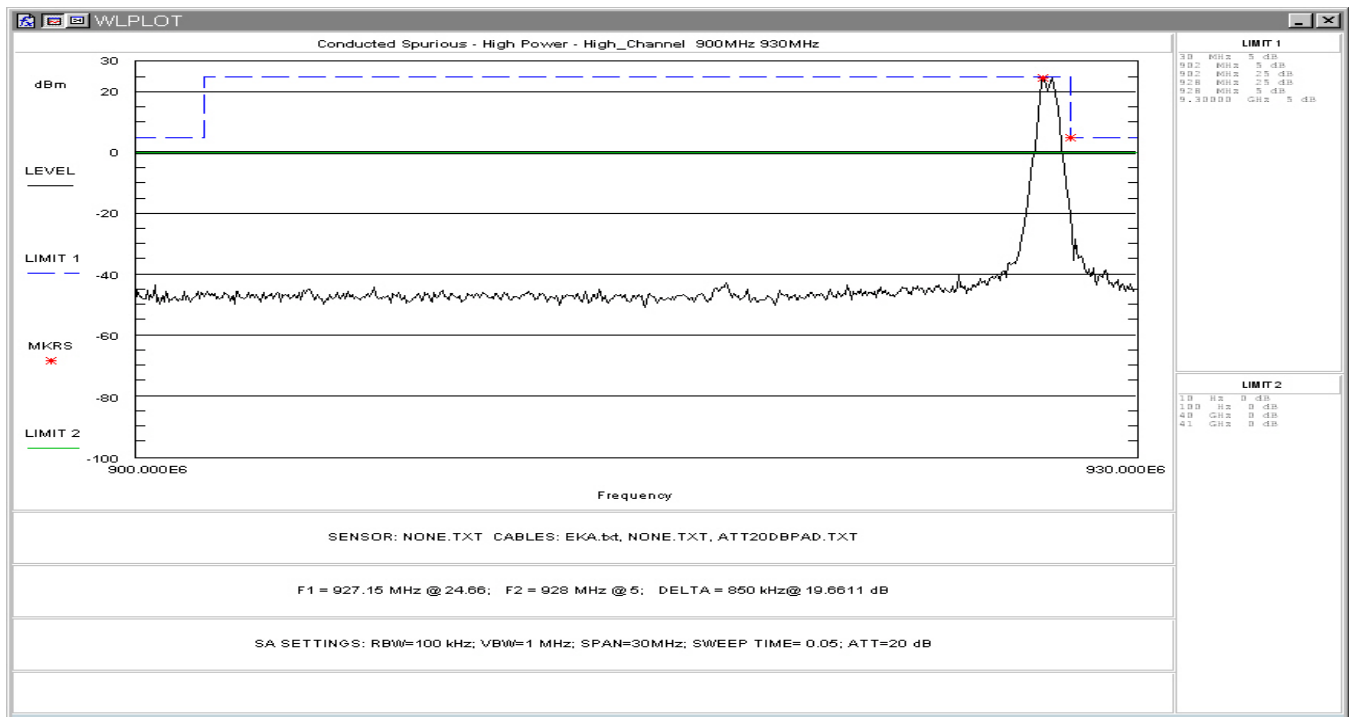


Figure 31: Conducted Spurious Emissions, High Power, High Channel 900 – 930MHz

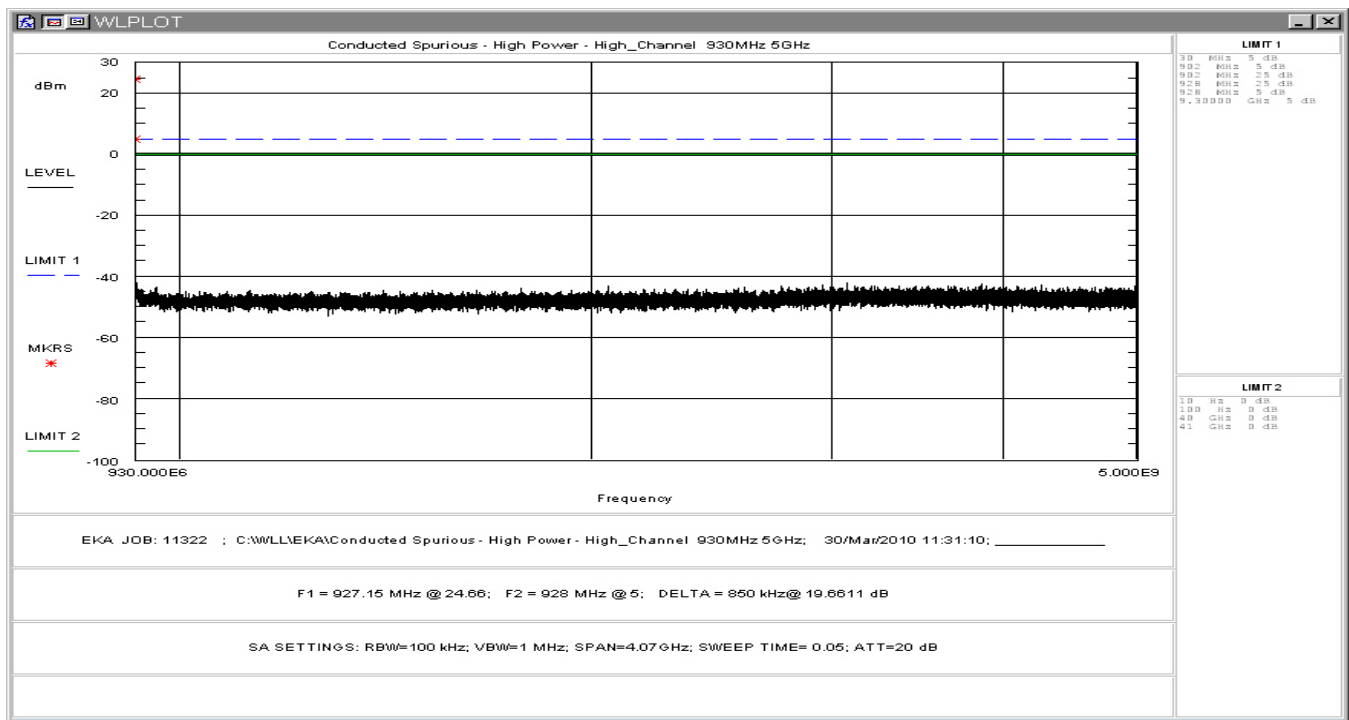


Figure 32: Conducted Spurious Emissions, High Power, High Channel 930MHz – 5GHz

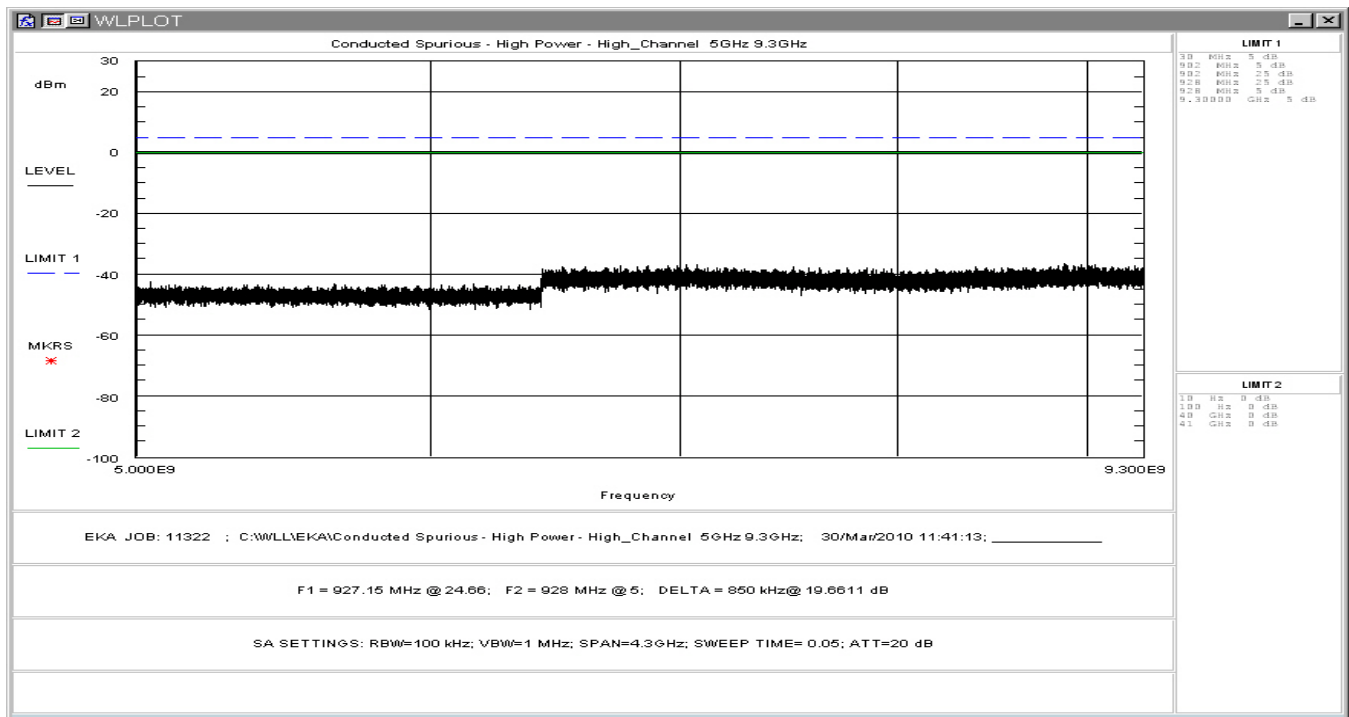


Figure 33: Conducted Spurious Emissions, High Power, High Channel 5GHz – 9.3GHz

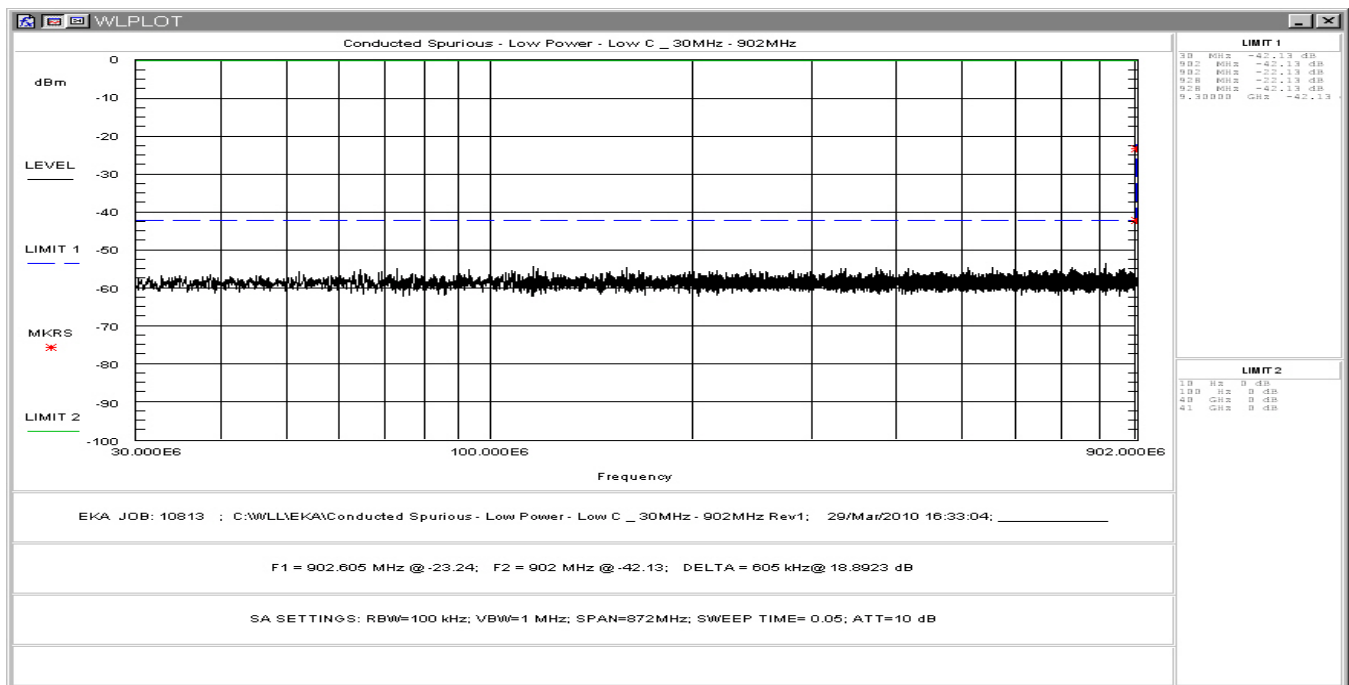


Figure 34: Conducted Spurious Emissions, Low Power, Low Channel 30 - 902MHz

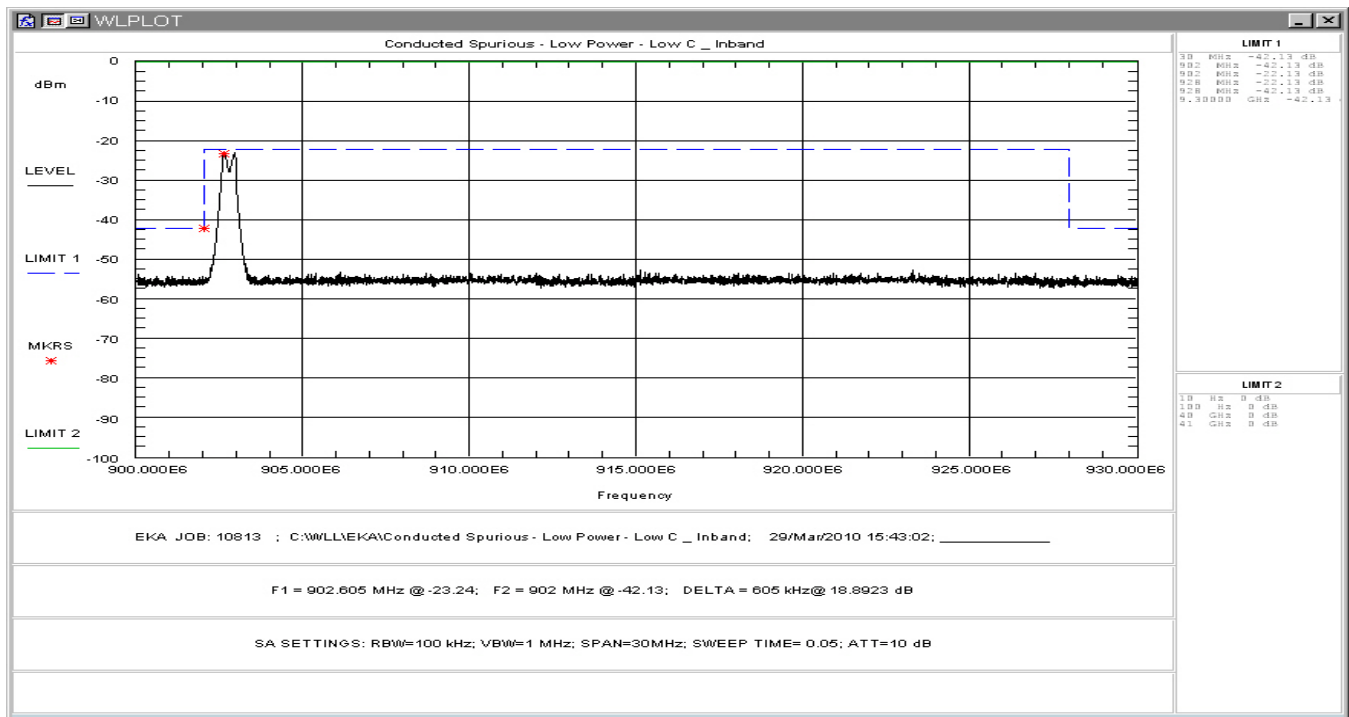


Figure 35: Conducted Spurious Emissions, Low Power, Low Channel 900- 930MHz

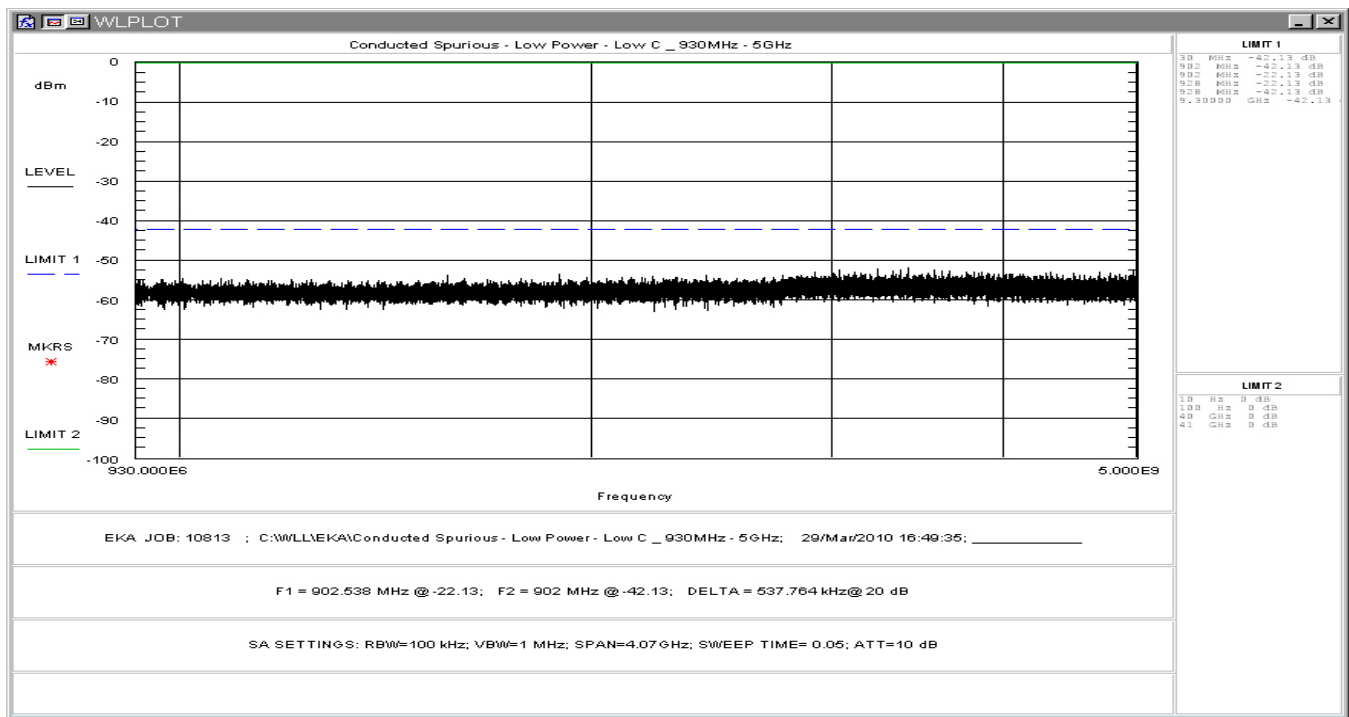


Figure 36: Conducted Spurious Emissions, Low Power, Low Channel 930MHz – 5GHz

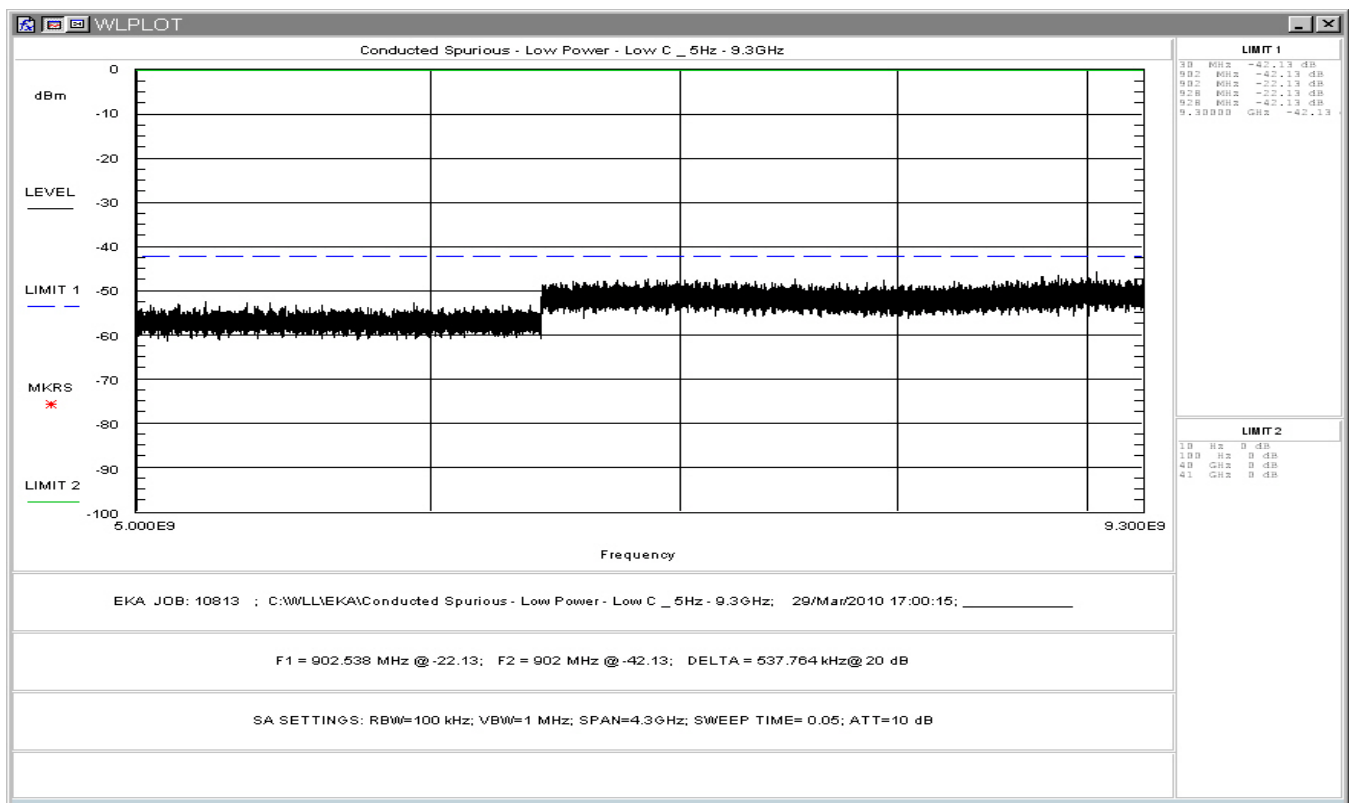


Figure 37: Conducted Spurious Emissions, Low Power, Low Channel 5GHz – 9.3GHz

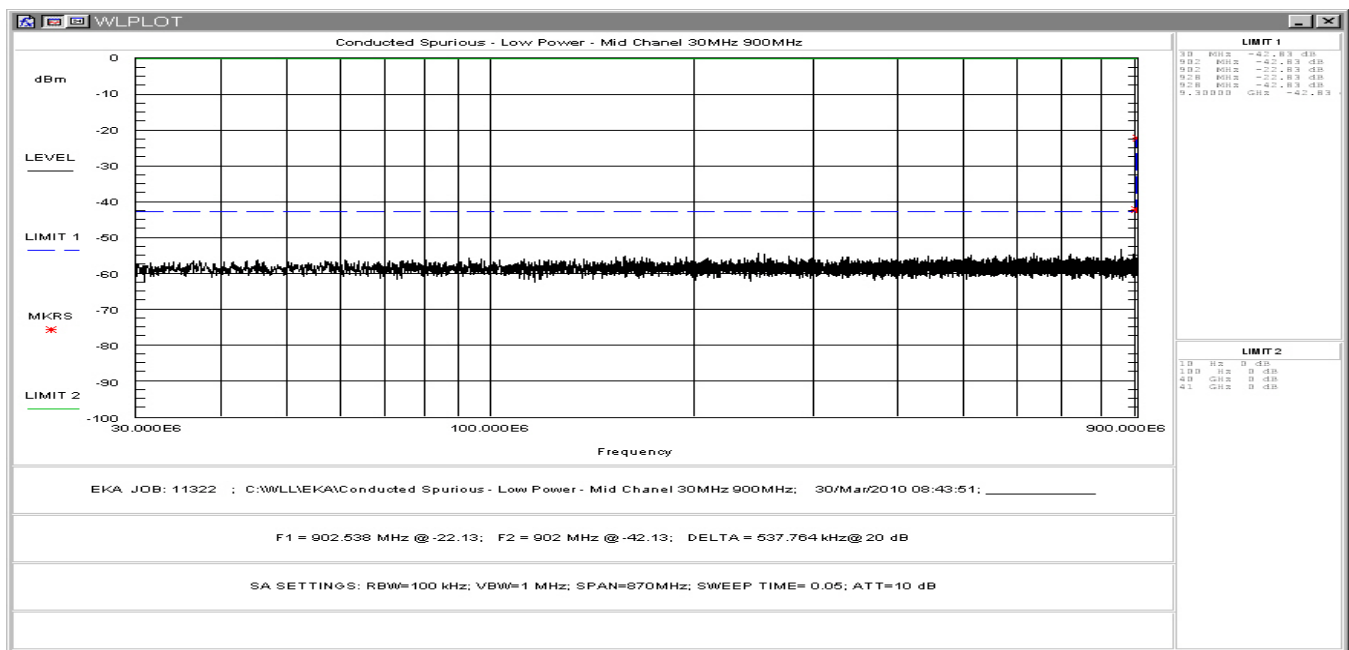


Figure 38: Conducted Spurious Emissions, Low Power, Mid Channel 30 - 900MHz

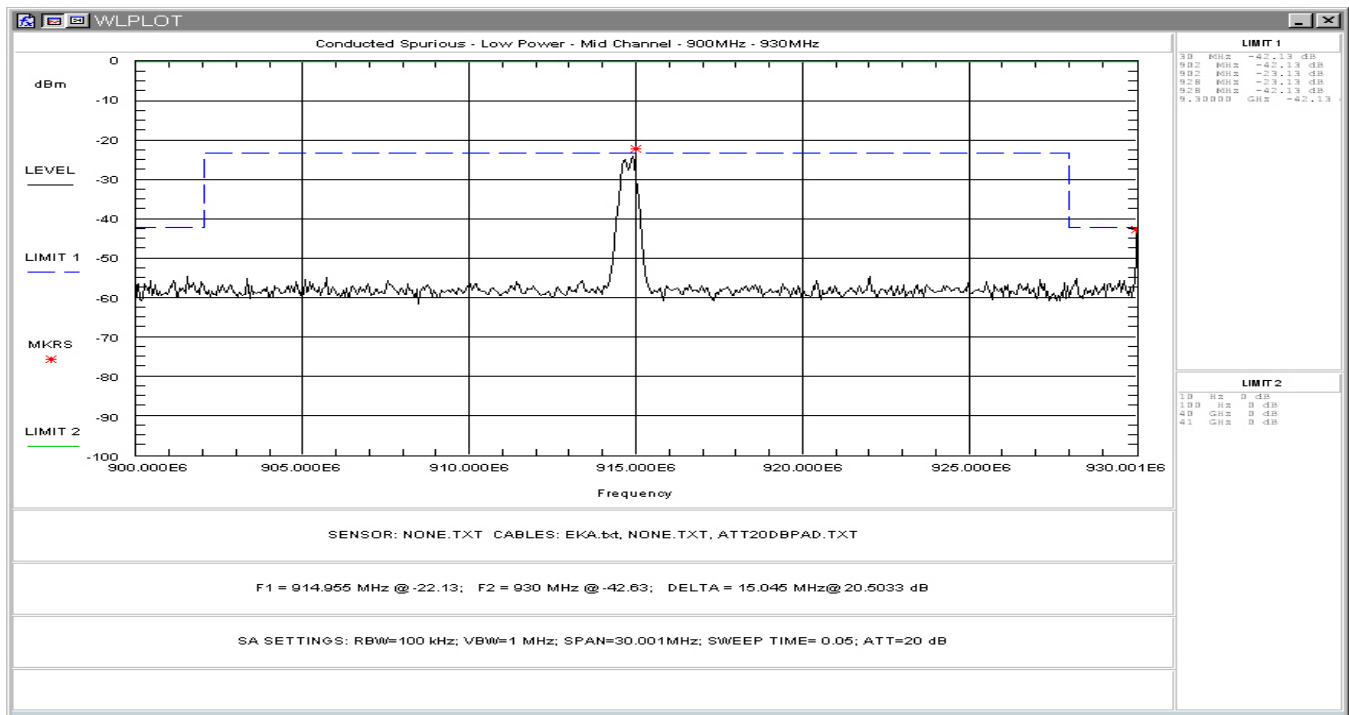


Figure 39: Conducted Spurious Emissions, Low Power, Mid Channel 900- 930MHz

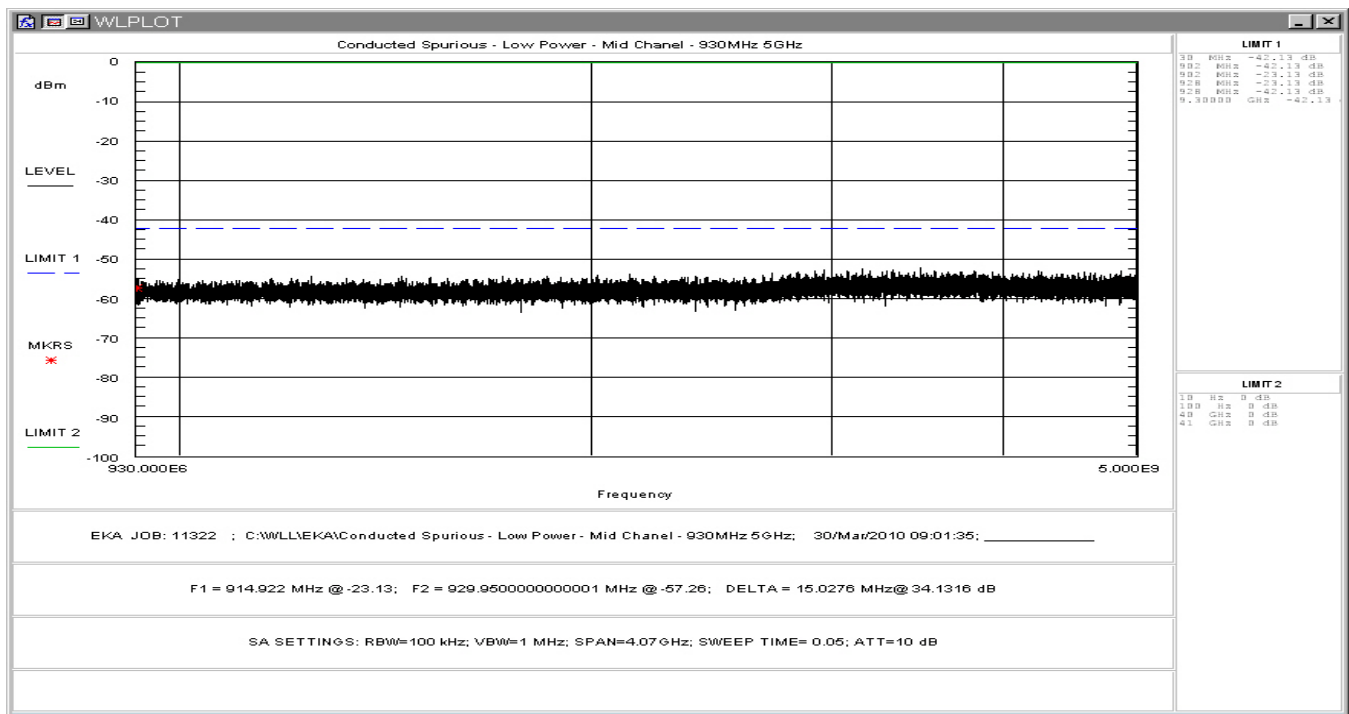


Figure 40: Conducted Spurious Emissions, Low Power, Mid Channel 930MHz – 5GHz

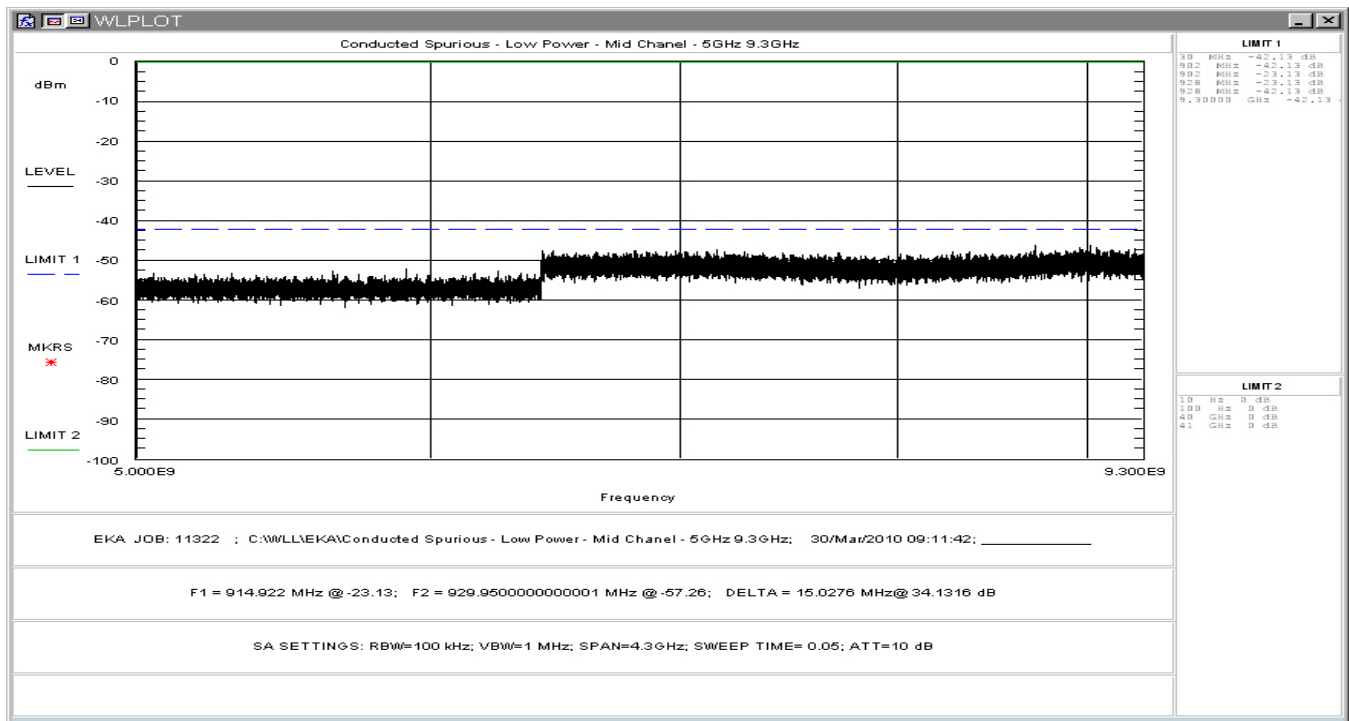


Figure 41: Conducted Spurious Emissions, Low Power, Mid Channel 5GHz – 9.3GHz

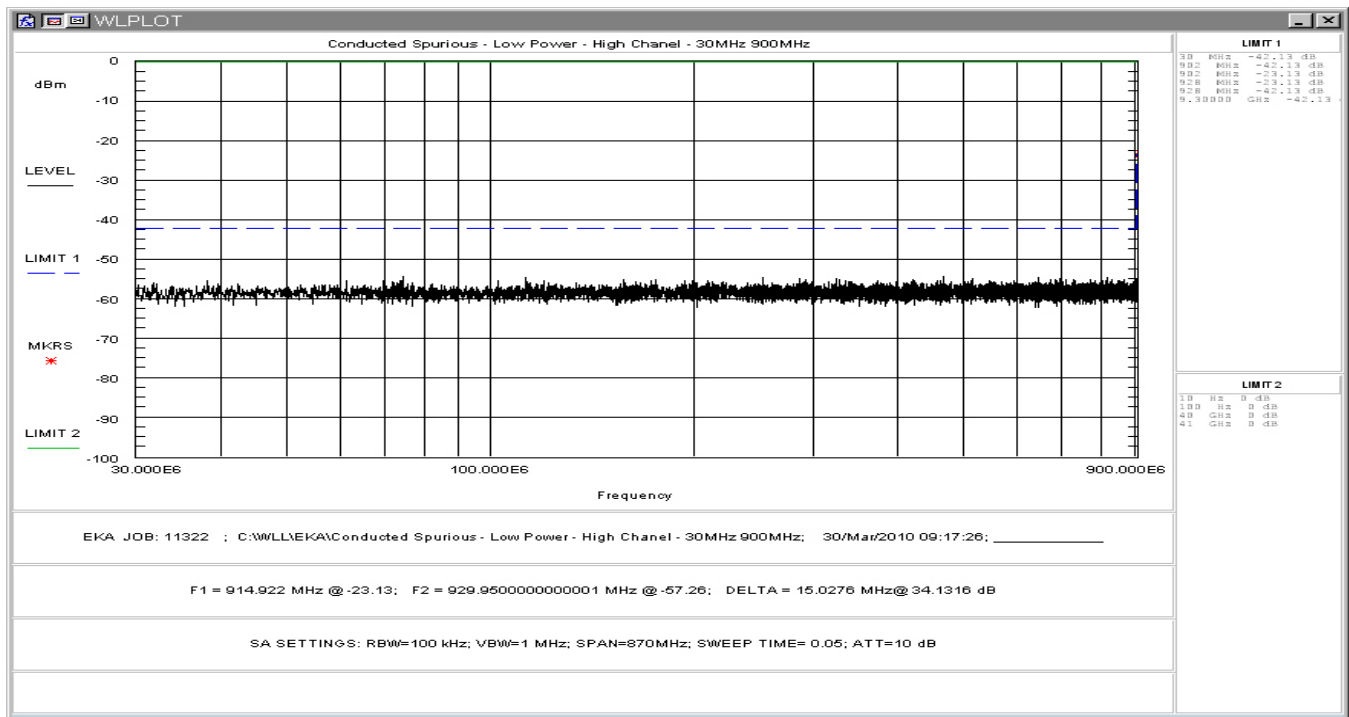


Figure 42: Conducted Spurious Emissions, Low Power, High Channel 30 - 900MHz

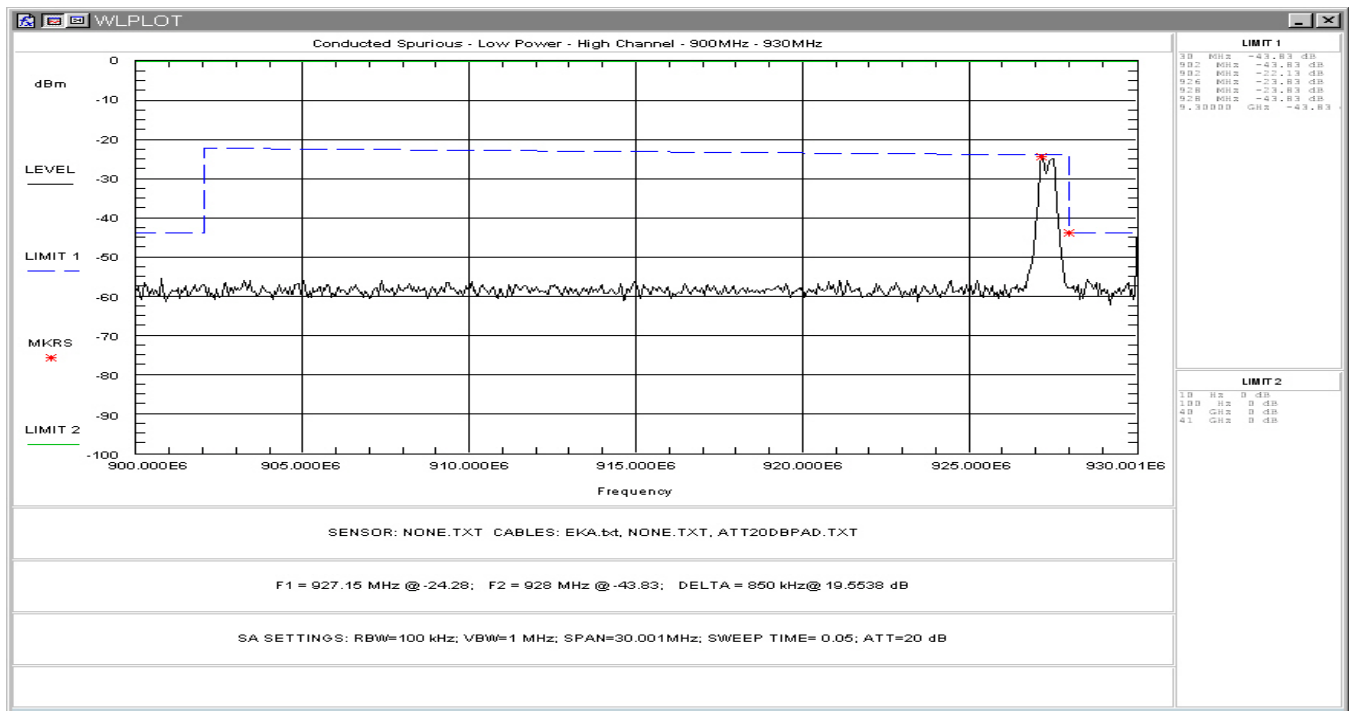


Figure 43: Conducted Spurious Emissions, Low Power, High Channel 900- 930MHz

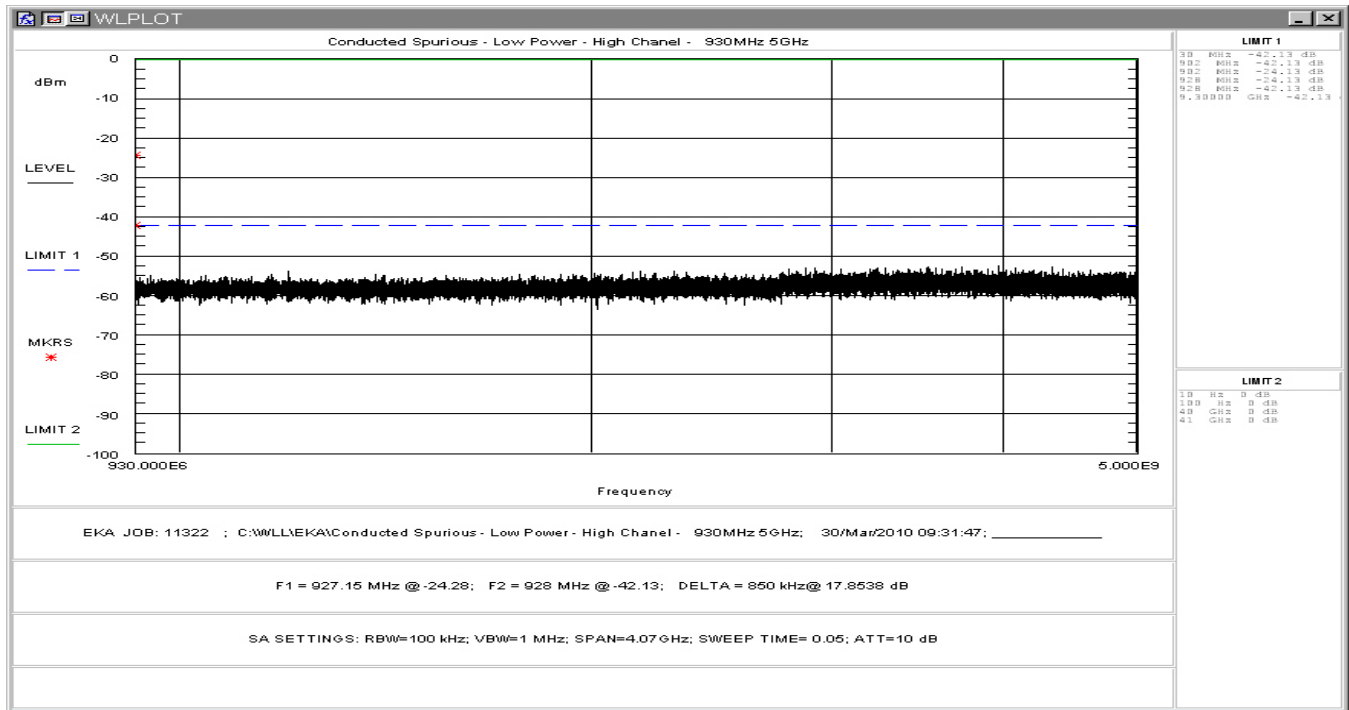


Figure 44: Conducted Spurious Emissions, Low Power, High Channel 930MHz – 5GHz

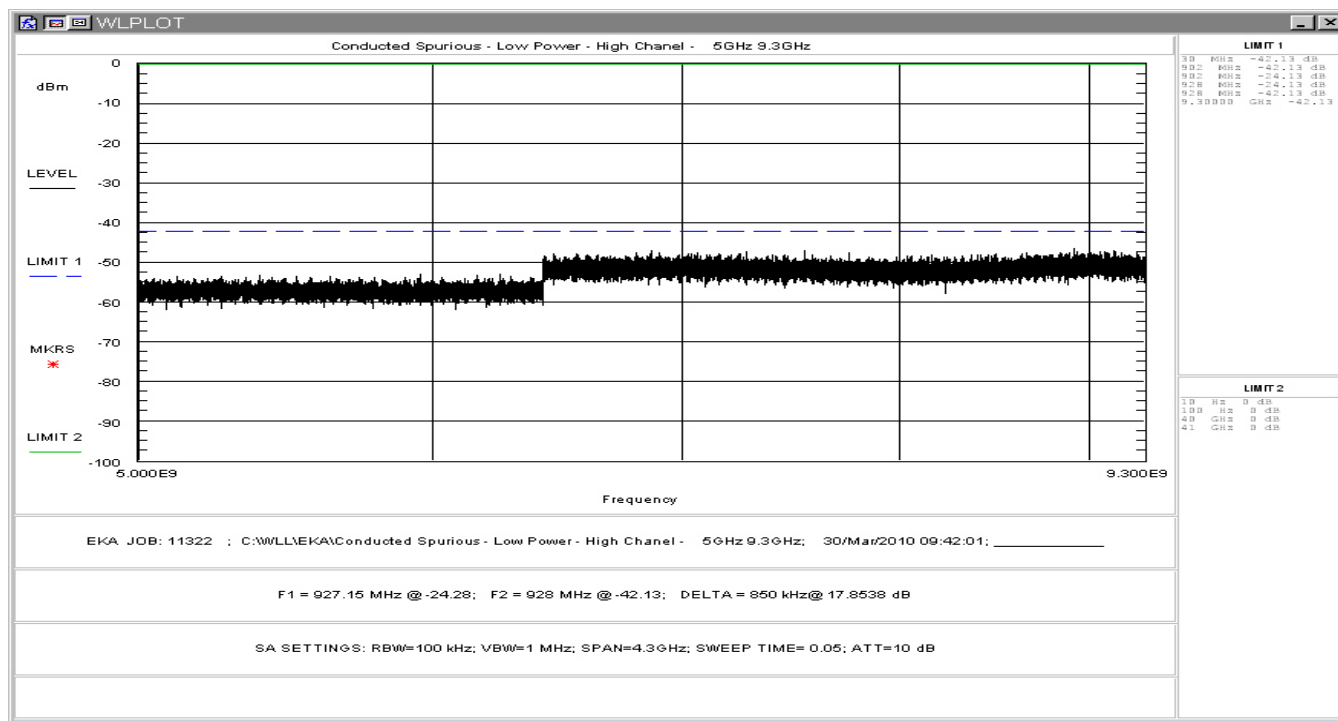


Figure 45: Conducted Spurious Emissions, Low Power, High Channel 5GHz – 9.3GHz

4.7 Radiated Spurious Emissions: (FCC Part §2.1053)

The EUT must comply with the requirements for radiated spurious emissions that fall within the restricted bands. These emissions must meet the limits specified in §15.209 and §15.35(b) for peak measurements.

4.7.1 Test Procedure

The EUT was placed on motorized turntable for radiated testing on a 3-meter open field test site. The emissions from the EUT were measured continuously at every azimuth by rotating the turntable. Receiving antennas were mounted on an antenna mast to determine the height of maximum emissions. The height of the antenna was varied between 1 and 4 meters. The peripherals were placed on the table in accordance with ANSI C63.4-2003. Cables were varied in position to produce maximum emissions. Both the horizontal and vertical field components were measured.

Three orthogonal positions were tested with the worse case reported.

The emissions were measured using the following resolution bandwidths:

Table 9: Spectrum Analyzer Settings

Frequency Range	Resolution Bandwidth	Video Bandwidth
30MHz-1000 MHz	120kHz	>100 kHz
>1000 MHz	1 MHz	<30 Hz (Avg.), 1MHz (Peak)

Table 10: Radiated Emission Test Data, Low Frequency Data (<1GHz)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
49.17	V	324.00	1.00	23.70	8.8	42.4	100.0	-7.5	
79.68	V	247.00	1.06	18.70	8.2	22.0	100.0	-13.1	
120.09	V	240.00	1.00	7.30	15.2	13.3	150.0	-21.0	
144.35	V	273.00	2.00	3.00	13.8	6.9	150.0	-26.8	
168.08	V	202.00	1.12	10.20	11.9	12.7	150.0	-21.4	
196.64	V	357.00	1.00	8.10	12.5	10.7	150.0	-22.9	
216.14	V	105.00	2.04	20.60	12.3	44.0	200.0	-13.2	
228.13	V	73.00	2.00	17.60	13.1	34.2	200.0	-15.3	
235.84	V	29.00	1.88	16.20	13.1	29.2	200.0	-16.7	
245.78	V	20.00	1.80	20.20	13.1	46.0	200.0	-12.8	
255.62	V	25.00	1.93	17.10	13.4	33.4	200.0	-15.5	
276.17	V	176.00	1.72	11.20	15.5	21.7	200.0	-19.3	
312.18	V	205.00	1.52	14.50	15.5	31.6	200.0	-16.0	
324.17	V	209.00	1.61	10.40	16.1	21.2	200.0	-19.5	
360.21	V	231.00	1.60	15.30	17.1	41.8	200.0	-13.6	
48.02	H	263.00	4.00	15.00	9.3	16.5	100.0	-15.7	
72.06	H	284.00	2.50	25.60	7.4	44.6	100.0	-7.0	
120.09	H	230.00	3.70	12.90	15.2	25.4	150.0	-15.4	
144.10	H	139.00	2.92	14.20	13.8	25.0	150.0	-15.6	
156.12	H	145.00	2.49	15.30	12.5	24.5	150.0	-15.7	
168.10	H	124.00	3.64	13.30	11.9	18.2	150.0	-18.3	
196.65	H	61.00	2.12	13.00	12.5	18.8	150.0	-18.0	
216.14	H	147.00	2.04	27.60	12.3	98.4	200.0	-6.2	
235.95	H	208.00	1.29	24.80	13.1	78.5	200.0	-8.1	
245.79	H	1.00	1.80	26.80	13.1	98.3	200.0	-6.2	
250.00	H	359.00	1.89	16.70	13.0	30.5	200.0	-16.3	
255.62	H	355.00	2.00	22.50	13.4	62.2	200.0	-10.1	
276.20	H	111.00	1.50	15.30	15.5	34.8	200.0	-15.2	
300.20	H	210.00	1.56	11.10	15.1	20.4	200.0	-19.8	
324.20	H	264.00	1.38	14.10	16.1	32.4	200.0	-15.8	
336.22	H	235.00	4.00	19.91	16.3	64.4	200.0	-9.8	

Table 11: Radiated Emission Test Data, Low Frequency Data (<1GHz)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
49.17	V	324.00	1.00	20.70	8.8	30.0	100.0	-10.5	
79.68	V	247.00	1.06	16.60	8.2	17.3	100.0	-15.2	
120.09	V	240.00	1.00	7.30	15.2	13.3	150.0	-21.0	
144.35	V	273.00	2.00	8.20	13.8	12.5	150.0	-21.6	
168.08	V	202.00	1.12	10.20	11.9	12.7	150.0	-21.4	
196.64	V	357.00	1.00	7.40	12.5	9.9	150.0	-23.6	
216.14	V	105.00	2.04	18.50	12.3	34.5	200.0	-15.3	
228.13	V	96.00	2.00	17.40	13.1	33.4	200.0	-15.5	
235.84	V	29.00	1.88	16.20	13.1	29.2	200.0	-16.7	
245.78	V	68.00	1.90	17.40	13.1	33.3	200.0	-15.6	
255.62	V	109.00	1.97	11.80	13.4	18.1	200.0	-20.8	
276.17	V	176.00	1.72	10.00	15.5	18.9	200.0	-20.5	
312.18	V	205.00	1.52	12.50	15.5	25.1	200.0	-18.0	
324.17	V	209.00	1.61	8.60	16.1	17.2	200.0	-21.3	
360.21	V	231.00	1.60	13.80	17.1	35.2	200.0	-15.1	
48.02	H	263.00	4.00	15.00	9.3	16.5	100.0	-15.7	
72.06	H	284.00	2.50	25.60	7.4	44.6	100.0	-7.0	
120.09	H	230.00	3.70	12.90	15.2	25.4	150.0	-15.4	
144.10	H	139.00	2.92	14.20	13.8	25.0	150.0	-15.6	
156.12	H	145.00	2.49	15.30	12.5	24.5	150.0	-15.7	
168.10	H	124.00	3.64	13.30	11.9	18.2	150.0	-18.3	
196.65	H	61.00	2.12	13.00	12.5	18.8	150.0	-18.0	
216.14	H	147.00	2.04	27.60	12.3	98.4	200.0	-6.2	
235.95	H	208.00	1.29	24.80	13.1	78.5	200.0	-8.1	
245.79	H	1.00	1.80	26.80	13.1	98.3	200.0	-6.2	
250.00	H	359.00	1.89	16.70	13.0	30.5	200.0	-16.3	
255.62	H	355.00	2.00	22.50	13.4	62.2	200.0	-10.1	
276.20	H	111.00	1.50	15.30	15.5	34.8	200.0	-15.2	
300.20	H	210.00	1.56	11.10	15.1	20.4	200.0	-19.8	
324.20	H	264.00	1.38	14.10	16.1	32.4	200.0	-15.8	
336.22	H	235.00	4.00	19.91	16.3	64.4	200.0	-9.8	

Table 12: Radiated Emission Test Data, Low Frequency Data (<1GHz)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
49.17	V	121.00	1.00	21.90	8.8	34.5	100.0	-9.3	
79.68	V	194.00	1.90	23.70	8.2	39.2	100.0	-8.1	
120.09	V	245.00	1.00	7.20	15.2	13.2	150.0	-21.1	
144.35	V	157.00	2.00	7.40	13.8	11.4	150.0	-22.4	
168.08	V	181.00	1.05	9.00	11.9	11.1	150.0	-22.6	
196.64	V	13.00	1.00	8.00	12.5	10.6	150.0	-23.0	
216.14	V	213.00	1.42	16.30	12.3	26.8	200.0	-17.5	
228.13	V	214.00	1.52	15.50	13.1	26.9	200.0	-17.4	
235.84	V	157.00	1.17	10.00	13.1	14.3	200.0	-22.9	
245.78	V	63.00	1.90	17.00	13.1	31.8	200.0	-16.0	
255.62	V	21.00	2.09	12.80	13.4	20.4	200.0	-19.8	
276.17	V	155.00	1.71	9.50	15.5	17.8	200.0	-21.0	
312.18	V	219.00	1.52	11.50	15.5	22.4	200.0	-19.0	
324.17	V	221.00	2.57	9.50	16.1	19.1	200.0	-20.4	
360.21	V	248.00	1.60	13.80	13.8	24.0	200.0	-18.4	
49.18	H	250.00	3.56	16.10	8.8	17.7	100.0	-15.1	
72.06	H	129.00	3.13	21.10	7.4	26.6	100.0	-11.5	
120.09	H	109.00	3.16	10.69	15.2	19.7	150.0	-17.6	
144.10	H	120.00	2.85	12.50	13.8	20.6	150.0	-17.3	
156.12	H	168.00	2.67	13.50	12.5	19.9	150.0	-17.5	
168.10	H	124.00	3.64	13.30	11.9	18.2	150.0	-18.3	
196.65	H	317.00	1.00	12.10	12.5	17.0	150.0	-18.9	
216.14	H	104.00	2.00	27.30	12.3	95.1	200.0	-6.5	
235.95	H	208.00	1.29	24.80	13.1	78.5	200.0	-8.1	
245.79	H	1.00	1.80	26.80	13.1	98.3	200.0	-6.2	
252.17	H	287.00	1.17	20.90	13.1	50.4	200.0	-12.0	
255.62	H	280.00	1.50	20.80	13.4	51.1	200.0	-11.8	
276.20	H	111.00	1.50	15.30	15.5	34.8	200.0	-15.2	
300.20	H	210.00	1.56	11.10	15.1	20.4	200.0	-19.8	
324.20	H	264.00	1.38	14.10	16.1	32.4	200.0	-15.8	
336.22	H	235.00	4.00	21.80	16.3	80.1	200.0	-7.9	

Table 13: Radiated Emission Test Data, Low Frequency Data (<1GHz)

Frequency (MHz)	Polarity (H/V)	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Corr. Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Peak or Average	Comments
49.17	V	324.0	1.0	23.7	8.8	32.5	100.0	-67.5	Peak	
79.68	V	247.0	1.1	18.7	8.2	26.9	100.0	-73.1	Peak	
120.09	V	240.0	1.0	7.3	15.2	22.5	150.0	-127.5	Peak	
144.35	V	273.0	2.0	3.0	13.8	16.8	150.0	-133.2	Peak	
168.08	V	202.0	1.1	10.2	11.9	22.1	150.0	-127.9	Peak	
196.64	V	357.0	1.0	8.1	12.5	20.6	150.0	-129.4	Peak	
216.14	V	105.0	2.0	20.6	12.3	32.9	200.0	-167.1	Peak	
228.13	V	73.0	2.0	17.6	13.1	30.7	200.0	-169.3	Peak	
235.84	V	29.0	1.9	16.2	13.1	29.3	200.0	-170.7	Peak	
245.78	V	20.0	1.8	20.2	13.1	33.3	200.0	-166.7	Peak	
255.62	V	25.0	1.9	17.1	13.4	30.5	200.0	-169.5	Peak	
276.17	V	176.0	1.7	11.2	15.5	26.7	200.0	-173.3	Peak	
312.18	V	205.0	1.5	14.5	15.5	30.0	200.0	-170.0	Peak	
324.17	V	209.0	1.6	10.4	16.1	26.5	200.0	-173.5	Peak	
360.21	V	231.0	1.6	15.3	17.1	32.4	200.0	-167.6	Peak	
48.02	H	263.0	4.0	15.0	9.3	24.3	100.0	-75.7	Peak	
72.06	H	284.0	2.5	25.6	7.4	33.0	100.0	-67.0	Peak	
120.09	H	230.0	3.7	12.9	15.2	28.1	150.0	-121.9	Peak	
144.10	H	139.0	2.9	14.2	13.8	28.0	150.0	-122.0	Peak	
156.12	H	145.0	2.5	15.3	12.5	27.8	150.0	-122.2	Peak	
168.10	H	124.0	3.6	13.3	11.9	25.2	150.0	-124.8	Peak	
196.65	H	61.0	2.1	13.0	12.5	25.5	150.0	-124.5	Peak	
216.14	H	147.0	2.0	27.6	12.3	39.9	200.0	-160.1	Peak	
235.95	H	208.0	1.3	24.8	13.1	37.9	200.0	-162.1	Peak	
245.79	H	1.0	1.8	26.8	13.1	39.9	200.0	-160.1	Peak	
250.00	H	359.0	1.9	16.7	13.0	29.7	200.0	-170.3	Peak	
255.62	H	355.0	2.0	22.5	13.4	35.9	200.0	-164.1	Peak	
276.20	H	111.0	1.5	15.3	15.5	30.8	200.0	-169.2	Peak	
300.20	H	210.0	1.6	11.1	15.1	26.2	200.0	-173.8	Peak	
324.20	H	264.0	1.4	14.1	16.1	30.2	200.0	-169.8	Peak	
336.22	H	235.0	4.0	19.9	16.3	36.2	200.0	-163.8	Peak	

Table 14: Radiated Emission Test Data, Low Frequency Data (<1GHz)

Frequency (MHz)	Polarity (H/V)	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Corr. Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Peak or Average	Comments
49.17	V	27.0	1.4	20.8	8.8	29.6	100.0	-70.4	Peak	
79.68	V	130.0	1.2	13.2	8.2	21.4	100.0	-78.6	Peak	
120.09	V	240.0	1.0	8.0	15.2	23.2	150.0	-126.8	Peak	
144.35	V	276.0	2.1	14.7	13.8	28.5	150.0	-121.5	Peak	
168.08	V	108.0	1.0	8.4	11.9	20.3	150.0	-129.7	Peak	
196.64	V	122.0	1.5	9.9	12.5	22.4	150.0	-127.6	Peak	
216.14	V	70.0	1.9	13.2	12.3	25.5	200.0	-174.5	Peak	
228.13	V	112.0	2.7	17.2	13.1	30.3	200.0	-169.7	Peak	
235.84	V	29.0	1.9	16.2	13.1	29.3	200.0	-170.7	Peak	
245.78	V	20.0	1.8	20.2	13.1	33.3	200.0	-166.7	Peak	
255.62	V	25.0	1.9	17.1	13.4	30.5	200.0	-169.5	Peak	
276.17	V	176.0	1.7	11.2	15.5	26.7	200.0	-173.3	Peak	
312.18	V	205.0	1.5	14.5	15.5	30.0	200.0	-170.0	Peak	
324.17	V	209.0	1.6	10.4	16.1	26.5	200.0	-173.5	Peak	
360.21	V	231.0	1.6	15.3	17.1	32.4	200.0	-167.6	Peak	
48.02	H	263.0	4.0	15.0	9.3	24.3	100.0	-75.7	Peak	
72.06	H	284.0	2.5	25.6	7.4	33.0	100.0	-67.0	Peak	
120.09	H	230.0	3.7	12.9	15.2	28.1	150.0	-121.9	Peak	
144.10	H	139.0	2.9	14.2	13.8	28.0	150.0	-122.0	Peak	
156.12	H	145.0	2.5	15.3	12.5	27.8	150.0	-122.2	Peak	
168.10	H	124.0	3.6	13.3	11.9	25.2	150.0	-124.8	Peak	
196.65	H	61.0	2.1	13.0	12.5	25.5	150.0	-124.5	Peak	
216.14	H	147.0	2.0	27.6	12.3	39.9	200.0	-160.1	Peak	
235.95	H	208.0	1.3	24.8	13.1	37.9	200.0	-162.1	Peak	
245.79	H	1.0	1.8	26.8	13.1	39.9	200.0	-160.1	Peak	
250.00	H	359.0	1.9	16.7	13.0	29.7	200.0	-170.3	Peak	
255.62	H	355.0	2.0	22.5	13.4	35.9	200.0	-164.1	Peak	
276.20	H	111.0	1.5	15.3	15.5	30.8	200.0	-169.2	Peak	
300.20	H	210.0	1.6	11.1	15.1	26.2	200.0	-173.8	Peak	
324.20	H	264.0	1.4	14.1	16.1	30.2	200.0	-169.8	Peak	
336.22	H	235.0	4.0	19.9	16.3	36.2	200.0	-163.8	Peak	

Table 15: Radiated Emission Test Data, Low Frequency Data (>1GHz)**(X - Flat Position, Low Channel)**

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	93.00	1.60	49.50	-7.7	8.4	46.7	500.0	-20.6	Average
2707.78	V	46.00	2.43	52.83	-2.4	0.0	332.1	5000.0	-23.6	Peak
2707.78	V	46.00	2.43	46.17	-2.4	8.4	58.6	500.0	-18.6	Average
3610.50	V	30.00	2.49	47.00	-0.8	0.0	203.3	5000.0	-27.8	Peak
3610.50	V	30.00	2.49	40.17	-0.8	8.4	35.2	500.0	-23.1	Average
4513.15	V	222.00	2.50	50.83	0.3	0.0	359.5	5000.0	-22.9	Peak
4513.15	V	222.00	2.50	42.33	0.3	8.4	51.3	500.0	-19.8	Average
5417.45	V	90.00	2.21	46.67	2.8	0.0	296.8	5000.0	-24.5	Peak
5417.45	V	90.00	2.21	38.33	2.8	8.4	43.2	500.0	-21.3	Average
2994.67	V	123.00	1.30	39.50	-1.8	8.4	29.1	500.0	-24.7	Average
8126.25	V	12.00	2.35	50.33	6.8	0.0	722.0	5000.0	-16.8	Peak
8126.25	V	120.00	2.35	41.33	6.8	8.4	97.4	500.0	-14.2	Average
9025.90	V	252.00	3.27	46.83	8.9	0.0	614.4	5000.0	-18.2	Peak
9025.90	V	252.00	3.27	38.83	8.9	8.4	93.0	500.0	-14.6	Average
1537.00	H	252.00	3.27	51.17	-7.7	8.4	56.6	500.0	-18.9	Average
2707.78	H	360.00	3.91	50.17	-2.4	0.0	244.5	5000.0	-26.2	Peak
2707.78	H	360.00	3.91	45.67	-2.4	8.4	55.4	500.0	-19.1	Average
3610.50	H	109.00	3.89	46.33	-0.8	0.0	188.2	5000.0	-28.5	Peak
3610.50	H	109.00	3.89	38.83	-0.8	8.4	30.2	500.0	-24.4	Average
4513.15	H	12.00	3.41	43.67	0.3	0.0	157.7	5000.0	-30.0	Peak
4513.15	H	12.00	3.41	36.00	0.3	8.4	24.8	500.0	-26.1	Average
5417.45	H	197.00	3.20	43.00	2.8	0.0	194.5	5000.0	-28.2	Peak
5417.45	H	197.00	3.20	35.33	2.8	8.4	30.6	500.0	-24.3	Average
2995.05	H	353.00	1.97	36.33	-1.8	8.4	20.2	500.0	-27.9	Average
8126.25	H	93.00	3.92	45.17	6.8	0.0	398.6	5000.0	-22.0	Peak
8126.25	H	93.00	3.92	37.83	6.8	8.4	65.1	500.0	-17.7	Average
9025.90	H	24.00	3.90	43.00	8.9	0.0	395.3	5000.0	-22.0	Peak
9025.90	H	24.00	3.90	38.17	8.9	8.4	86.2	500.0	-15.3	Average

Table 16: Radiated Emission Test Data, Low Frequency Data (>1GHz)
(Z- side position, Low Channel)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	192.00	1.67	48.00	-7.7	8.4	39.3	500.0	-22.1	Average
2707.78	V	243.00	1.79	50.50	-2.4	0.0	253.9	5000.0	-25.9	Peak
2707.78	V	243.00	1.79	43.17	-2.4	8.4	41.5	500.0	-21.6	Average
3610.50	V	132.00	2.77	49.67	-0.8	0.0	276.5	5000.0	-25.1	Peak
3610.50	V	132.00	2.77	42.83	-0.8	8.4	47.8	500.0	-20.4	Average
4513.15	V	98.00	2.51	47.33	0.3	0.0	240.3	5000.0	-26.4	Peak
4513.15	V	98.00	2.51	35.33	0.3	8.4	22.9	500.0	-26.8	Average
5417.45	V	33.00	1.00	47.50	2.8	0.0	326.6	5000.0	-23.7	Peak
5417.45	V	33.00	1.00	34.50	2.8	8.4	27.8	500.0	-25.1	Average
2994.67	V	226.00	2.80	43.00	-1.8	8.4	43.6	500.0	-21.2	Average
8126.25	V	78.00	2.00	43.67	6.8	0.0	335.4	5000.0	-23.5	Peak
8126.25	V	78.00	2.00	36.67	6.8	8.4	56.9	500.0	-18.9	Average
1537.20	H	358.00	1.59	52.17	-7.7	8.4	63.5	500.0	-17.9	Average
2707.78	H	75.00	2.84	53.83	-2.4	0.0	372.6	5000.0	-22.6	Peak
2707.78	H	75.00	2.84	41.00	-2.4	8.4	32.3	500.0	-23.8	Average
3610.50	H	162.00	2.74	48.50	-0.8	0.0	241.6	5000.0	-26.3	Peak
3610.50	H	162.00	2.74	36.33	-0.8	8.4	22.6	500.0	-26.9	Average
4513.15	H	191.00	2.82	48.00	0.3	0.0	259.5	5000.0	-25.7	Peak
4513.15	H	191.00	2.82	36.00	0.3	8.4	24.8	500.0	-26.1	Average
5417.45	H	70.00	2.07	47.17	2.8	0.0	314.4	5000.0	-24.0	Peak
5417.45	H	70.00	2.07	35.83	2.8	8.4	32.4	500.0	-23.8	Average
2994.67	H	131.00	1.95	33.83	-1.8	8.4	15.2	500.0	-30.4	Average
8126.25	H	33.00	3.34	54.83	6.8	0.0	1212.2	5000.0	-12.3	Peak
8126.25	H	33.00	3.34	41.83	6.8	8.4	103.2	500.0	-13.7	Average

Table 17: Radiated Emission Test Data, Low Frequency Data (>1GHz)
(Y – Side position, Low Channel)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	54.00	1.32	47.33	-7.7	8.4	36.3	500.0	-22.8	Average
2707.78	V	243.00	1.79	50.50	-2.4	0.0	253.9	5000.0	-25.9	Peak
2707.78	V	243.00	1.79	43.17	-2.4	8.4	41.5	500.0	-21.6	Average
3610.50	V	132.00	2.77	49.67	-0.8	0.0	276.5	5000.0	-25.1	Peak
3610.50	V	132.00	2.77	42.83	-0.8	8.4	47.8	500.0	-20.4	Average
4513.15	V	98.00	2.51	47.33	0.3	0.0	240.3	5000.0	-26.4	Peak
4513.15	V	98.00	2.51	35.33	0.3	8.4	22.9	500.0	-26.8	Average
5417.45	V	33.00	1.00	47.50	2.8	0.0	326.6	5000.0	-23.7	Peak
5417.45	V	33.00	1.00	34.50	2.8	8.4	27.8	500.0	-25.1	Average
2994.67	V	94.00	1.57	37.33	-1.8	8.4	22.7	500.0	-26.9	Average
8126.25	V	78.00	2.00	48.83	6.8	0.0	607.5	5000.0	-18.3	Peak
8126.25	V	78.00	2.00	36.67	6.8	8.4	56.9	500.0	-18.9	Average
1537.20	H	99.00	4.00	43.33	-7.7	8.4	22.9	500.0	-26.8	Average
2707.78	H	75.00	2.84	53.83	-2.4	0.0	372.6	5000.0	-22.6	Peak
2707.78	H	75.00	2.84	41.00	-2.4	8.4	32.3	500.0	-23.8	Average
3610.50	H	162.00	2.74	48.50	-0.8	0.0	241.6	5000.0	-26.3	Peak
3610.50	H	162.00	2.74	36.33	-0.8	8.4	22.6	500.0	-26.9	Average
4513.15	H	191.00	2.82	48.00	0.3	0.0	259.5	5000.0	-25.7	Peak
4513.15	H	191.00	2.82	36.00	0.3	8.4	24.8	500.0	-26.1	Average
5417.45	H	70.00	2.07	47.17	2.8	0.0	314.4	5000.0	-24.0	Peak
5417.45	H	70.00	2.07	35.83	2.8	8.4	32.4	500.0	-23.8	Average
2994.67	H	157.00	2.80	43.50	-1.8	8.4	46.2	500.0	-20.7	Average
8126.25	H	33.00	3.34	54.83	6.8	0.0	1212.2	5000.0	-12.3	Peak
8126.25	H	33.00	3.34	41.83	6.8	8.4	103.2	500.0	-13.7	Average

Table 18: Radiated Emission Test Data, Low Frequency Data (>1GHz)
(Mid Channel with LCom HG908V-PRO)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	192.00	1.13	48.17	-7.7	8.4	40.0	500.0	-21.9	Average
2744.18	V	129.00	2.83	53.33	-2.3	0.0	355.0	5000.0	-23.0	Peak
2744.18	V	129.00	2.83	40.50	-2.3	8.4	30.8	500.0	-24.2	Average
2994.67	V	25.00	1.00	35.50	-1.8	8.4	18.4	500.0	-28.7	Average
3658.57	V	56.00	2.85	50.33	-0.8	0.0	301.1	5000.0	-24.4	Peak
3658.57	V	56.00	2.85	38.33	-0.8	8.4	28.7	500.0	-24.8	Average
4573.08	V	79.00	2.68	51.67	0.4	0.0	402.2	5000.0	-21.9	Peak
4573.08	V	79.00	2.68	38.17	0.4	8.4	32.3	500.0	-23.8	Average
5487.83	V	175.00	2.73	46.33	3.0	0.0	293.2	5000.0	-24.6	Peak
5487.83	V	175.00	2.73	34.17	3.0	8.4	27.5	500.0	-25.2	Average
7316.87	V	146.00	3.44	48.00	7.2	0.0	574.6	5000.0	-18.8	Peak
7316.87	V	146.00	3.44	35.67	7.2	8.4	52.8	500.0	-19.5	Average
8231.55	V	218.00	3.50	48.67	7.1	0.0	611.5	5000.0	-18.3	Peak
8231.55	V	218.00	3.50	36.50	7.1	8.4	57.2	500.0	-18.8	Average
1537.20	H	119.00	1.00	52.33	-7.7	8.4	64.7	500.0	-17.8	Average
2744.18	H	182.00	3.86	55.33	-2.3	0.0	446.9	5000.0	-21.0	Peak
2744.18	H	182.00	3.86	39.33	-2.3	8.4	26.9	500.0	-25.4	Average
2994.67	H	100.00	2.23	38.83	-1.8	8.4	27.0	500.0	-25.4	Average
3658.57	H	164.00	4.00	46.33	-0.8	0.0	190.0	5000.0	-28.4	Peak
3658.57	H	164.00	4.00	34.67	-0.8	8.4	18.9	500.0	-28.5	Average
4573.08	H	244.00	1.90	47.00	0.4	0.0	234.9	5000.0	-26.6	Peak
4573.08	H	244.00	1.90	34.50	0.4	8.4	21.2	500.0	-27.5	Average
5487.83	H	72.00	2.13	47.17	3.0	0.0	323.0	5000.0	-23.8	Peak
5487.83	H	72.00	2.13	34.67	3.0	8.4	29.1	500.0	-24.7	Average
7316.87	H	69.00	3.72	45.33	7.2	0.0	422.5	5000.0	-21.5	Peak
7316.87	H	69.00	3.72	33.50	7.2	8.4	41.1	500.0	-21.7	Average
8231.55	H	103.00	3.91	45.50	7.1	0.0	424.5	5000.0	-21.4	Peak
8231.55	H	103.00	3.91	33.33	7.1	8.4	39.8	500.0	-22.0	Average

Table 19: Radiated Emission Test Data, Low Frequency Data (>1GHz)
(High Channel with LCom HG908V-PRO)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	179.00	1.00	47.83	-7.7	8.4	38.5	500.0	-22.3	Average
2781.68	V	184.00	2.26	57.00	-2.2	0.0	546.6	5000.0	-19.2	Peak
2781.68	V	184.00	2.26	43.83	-2.2	8.4	45.6	500.0	-20.8	Average
2994.67	V	224.00	1.90	42.33	-1.8	8.4	40.3	500.0	-21.9	Average
3709.67	V	78.00	2.11	48.83	-0.7	0.0	255.9	5000.0	-25.8	Peak
3709.67	V	78.00	2.11	36.37	-0.7	8.4	23.2	500.0	-26.7	Average
4635.53	V	78.00	2.45	50.67	0.6	0.0	364.2	5000.0	-22.8	Peak
4635.53	V	78.00	2.45	38.17	0.6	8.4	32.8	500.0	-23.7	Average
8346.02	V	195.00	3.43	50.83	7.3	0.0	805.5	5000.0	-15.9	Peak
8346.02	V	195.00	3.43	39.17	7.3	8.4	80.0	500.0	-15.9	Average
1537.20	H	130.00	1.00	53.00	-7.7	8.4	69.8	500.0	-17.1	Average
2781.68	H	75.00	2.65	50.67	-2.2	0.0	263.8	5000.0	-25.6	Peak
2781.68	H	75.00	2.65	38.83	-2.2	8.4	25.7	500.0	-25.8	Average
2994.67	H	105.00	2.27	34.33	-1.8	8.4	16.1	500.0	-29.9	Average
3709.67	H	236.00	2.26	45.33	-0.7	0.0	171.0	5000.0	-29.3	Peak
3709.67	H	236.00	2.26	34.50	-0.7	8.4	18.7	500.0	-28.5	Average
4635.53	H	64.00	2.37	46.00	0.6	0.0	212.7	5000.0	-27.4	Peak
4635.53	H	64.00	2.37	34.67	0.6	8.4	21.9	500.0	-27.2	Average
8346.02	H	171.00	3.15	49.33	7.3	0.0	677.8	5000.0	-17.4	Peak
8346.02	H	171.00	3.15	37.50	7.3	8.4	66.0	500.0	-17.6	Average

Table 20: Radiated Emission Test Data, Low Frequency Data (>1GHz)
(High Channel with TRA9023NP Antenna)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	180.00	1.00	48.17	-7.7	8.4	40.0	500.0	-21.9	Average
2781.68	V	122.00	2.73	51.17	-2.2	0.0	279.4	5000.0	-25.1	Peak
2781.68	V	122.00	2.73	39.17	-2.2	8.4	26.7	500.0	-25.5	Average
2994.67	V	167.00	1.31	40.33	-1.8	8.4	32.0	500.0	-23.9	Average
3709.67	V	185.00	3.88	46.00	-0.7	0.0	184.7	5000.0	-28.6	Peak
3709.67	V	185.00	3.88	34.67	-0.7	8.4	19.0	500.0	-28.4	Average
4635.53	V	154.00	3.29	47.83	0.6	0.0	262.6	5000.0	-25.6	Peak
4635.53	V	154.00	3.29	35.67	0.6	8.4	24.6	500.0	-26.2	Average
8346.02	V	127.00	3.88	46.67	7.3	0.0	499.0	5000.0	-20.0	Peak
8346.02	V	127.00	3.88	31.17	7.3	8.4	31.8	500.0	-23.9	Average
1537.20	H	127.00	2.19	51.17	-7.7	8.4	56.6	500.0	-18.9	Average
2781.68	H	100.00	3.86	49.83	-2.2	0.0	239.4	5000.0	-26.4	Peak
2781.68	H	100.00	3.86	37.67	-2.2	8.4	22.4	500.0	-27.0	Average
2994.67	H	221.00	1.52	40.50	-1.8	8.4	32.7	500.0	-23.7	Average
3709.67	H	242.00	3.40	46.00	-0.7	0.0	184.7	5000.0	-28.6	Peak
3709.67	H	242.00	3.40	33.83	-0.7	8.4	17.3	500.0	-29.2	Average
4635.53	H	171.00	3.57	46.00	0.6	0.0	212.7	5000.0	-27.4	Peak
4635.53	H	171.00	3.57	34.17	0.6	8.4	20.7	500.0	-27.7	Average
8346.02	H	73.00	3.38	46.17	7.3	0.0	471.1	5000.0	-20.5	Peak
8346.02	H	73.00	3.38	33.87	7.3	8.4	43.5	500.0	-21.2	Average

Table 21: Radiated Emission Test Data, Low Frequency Data (>1GHz)
(Low Channel with TRA9023NP Antenna)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	35.00	1.43	44.67	-7.7	8.4	26.8	500.0	-25.4	Average
2708.55	V	177.00	1.95	52.00	-2.4	0.0	301.9	5000.0	-24.4	Peak
2708.55	V	177.00	1.95	40.00	-2.4	8.4	28.8	500.0	-24.8	Average
2994.67	V	129.00	2.98	40.50	-1.8	8.4	32.7	500.0	-23.7	Average
3611.00	V	66.00	2.97	51.67	-0.8	0.0	348.1	5000.0	-23.1	Peak
3611.00	V	66.00	2.97	38.83	-0.8	8.4	30.2	500.0	-24.4	Average
4513.75	V	70.00	2.52	52.67	0.3	0.0	444.4	5000.0	-21.0	Peak
4513.75	V	70.00	2.52	39.00	0.3	8.4	35.0	500.0	-23.1	Average
5416.80	V	14.00	2.73	42.67	2.8	0.0	187.2	5000.0	-28.5	Peak
5416.80	V	14.00	2.73	29.83	2.8	8.4	16.2	500.0	-29.8	Average
8126.25	V	208.00	2.48	46.67	6.8	0.0	473.8	5000.0	-20.5	Peak
8126.25	V	208.00	2.48	33.67	6.8	8.4	40.3	500.0	-21.9	Average
1537.20	H	126.00	1.00	50.83	-7.7	8.4	54.4	500.0	-19.3	Average
2708.55	H	71.00	1.22	50.50	-2.4	0.0	254.0	5000.0	-25.9	Peak
2708.55	H	71.00	1.22	39.00	-2.4	8.4	25.7	500.0	-25.8	Average
2994.67	H	218.00	1.74	37.50	-1.8	8.4	23.1	500.0	-26.7	Average
3611.00	H	274.00	2.13	48.33	-0.8	0.0	237.0	5000.0	-26.5	Peak
3611.00	H	274.00	2.13	36.50	-0.8	8.4	23.1	500.0	-26.7	Average
4513.75	H	130.00	1.33	49.83	0.3	0.0	320.5	5000.0	-23.9	Peak
4513.75	H	130.00	1.33	36.17	0.3	8.4	25.3	500.0	-25.9	Average
5416.80	H	256.00	2.21	45.83	2.8	0.0	269.4	5000.0	-25.4	Peak
5416.80	H	256.00	2.21	33.67	2.8	8.4	25.3	500.0	-25.9	Average
8126.25	H	35.00	2.04	43.00	6.8	0.0	310.5	5000.0	-24.1	Peak
8126.25	H	35.00	2.04	32.17	6.8	8.4	33.9	500.0	-23.4	Average

Table 22: Radiated Emission Test Data, Low Frequency Data (>1GHz)
(Mid Channel with TRA9023NP Antenna)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	47.00	1.87	49.83	-7.7	0.0	127.5	5000.0	-31.9	Peak
1537.20	V	47.00	1.87	47.67	-7.7	8.4	37.8	500.0	-22.4	Average
2743.87	V	136.00	1.77	49.33	-2.3	0.0	224.0	5000.0	-27.0	Peak
2743.87	V	136.00	1.77	37.00	-2.3	8.4	20.6	500.0	-27.7	Average
2994.67	V	233.00	1.67	46.17	-1.8	0.0	165.2	5000.0	-29.6	Peak
2994.67	V	233.00	1.67	42.17	-1.8	8.4	39.6	500.0	-22.0	Average
3658.42	V	101.00	1.55	48.50	-0.8	0.0	243.9	5000.0	-26.2	Peak
3658.42	V	101.00	1.55	36.00	-0.8	8.4	22.0	500.0	-27.1	Average
4573.17	V	110.00	1.91	53.67	0.4	0.0	506.3	5000.0	-19.9	Peak
4573.17	V	110.00	1.91	40.17	0.4	8.4	40.7	500.0	-21.8	Average
5487.75	V	211.00	2.52	45.00	3.0	0.0	251.6	5000.0	-26.0	Peak
5487.75	V	211.00	2.52	32.83	3.0	8.4	23.6	500.0	-26.5	Average
7317.15	V	177.00	3.97	44.17	7.2	0.0	369.7	5000.0	-22.6	Peak
7317.15	V	177.00	3.97	30.83	7.2	8.4	30.2	500.0	-24.4	Average
8234.17	V	80.00	2.51	42.33	7.1	0.0	294.9	5000.0	-24.6	Peak
8234.17	V	80.00	2.51	29.17	7.1	8.4	24.6	500.0	-26.1	Average
1537.20	H	358.00	2.14	51.50	-7.7	0.0	154.6	5000.0	-30.2	Peak
1537.20	H	358.00	2.14	49.33	-7.7	8.4	45.8	500.0	-20.8	Average
2743.87	H	257.00	2.95	50.67	-2.3	0.0	261.3	5000.0	-25.6	Peak
2743.87	H	257.00	2.95	38.50	-2.3	8.4	24.5	500.0	-26.2	Average
2994.67	H	0.00	4.00	46.50	-1.8	0.0	171.6	5000.0	-29.3	Peak
2994.67	H	0.00	4.00	41.00	-1.8	8.4	34.6	500.0	-23.2	Average
3658.42	H	178.00	2.53	47.17	-0.8	0.0	209.3	5000.0	-27.6	Peak
3658.42	H	178.00	2.53	35.17	-0.8	8.4	20.0	500.0	-28.0	Average
4573.17	H	111.00	1.68	47.83	0.4	0.0	258.5	5000.0	-25.7	Peak
4573.17	H	111.00	1.68	35.67	0.4	8.4	24.2	500.0	-26.3	Average
5487.75	H	289.00	2.32	44.17	3.0	0.0	228.7	5000.0	-26.8	Peak
5487.75	H	289.00	2.32	32.50	3.0	8.4	22.7	500.0	-26.9	Average
7317.15	H	87.00	2.29	45.33	7.2	0.0	422.6	5000.0	-21.5	Peak
7317.15	H	87.00	2.29	33.50	7.2	8.4	41.2	500.0	-21.7	Average
8234.17	H	203.00	3.36	46.17	7.1	0.0	458.9	5000.0	-20.7	Peak
8234.17	H	203.00	3.36	34.00	7.1	8.4	43.0	500.0	-21.3	Average

Table 23: Radiated Emission Test Data, Low Frequency Data (>1GHz)
(Low Channel with WPIANTFR4AR12003 Antenna)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	67.00	2.05	45.50	-7.7	8.4	29.4	500.0	-24.6	Average
2708.55	V	156.00	2.57	52.83	-2.4	0.0	332.1	5000.0	-23.6	Peak
2708.55	V	156.00	2.57	40.33	-2.4	8.4	29.9	500.0	-24.5	Average
2994.67	V	47.00	2.45	36.50	-1.8	8.4	20.6	500.0	-27.7	Average
3611.00	V	101.00	1.22	42.67	-0.8	0.0	123.5	5000.0	-32.1	Peak
3611.00	V	101.00	1.22	31.50	-0.8	8.4	13.0	500.0	-31.7	Average
4513.75	V	210.00	1.24	46.00	0.3	0.0	206.2	5000.0	-27.7	Peak
4513.75	V	210.00	1.24	33.67	0.3	8.4	18.9	500.0	-28.4	Average
5416.80	V	165.00	3.23	44.67	2.8	0.0	235.7	5000.0	-26.5	Peak
5416.80	V	165.00	3.23	32.33	2.8	8.4	21.6	500.0	-27.3	Average
8126.25	V	128.00	2.16	42.83	6.8	0.0	304.5	5000.0	-24.3	Peak
8126.25	V	128.00	2.16	29.83	6.8	8.4	25.9	500.0	-25.7	Average
1537.20	H	186.00	2.02	50.00	-7.7	8.4	49.4	500.0	-20.1	Average
2708.55	H	115.00	2.04	52.33	-2.4	0.0	313.6	5000.0	-24.1	Peak
2708.55	H	115.00	2.05	39.67	-2.4	8.4	27.8	500.0	-25.1	Average
2994.67	H	316.00	1.54	38.33	-1.8	8.4	25.5	500.0	-25.9	Average
3611.00	H	104.00	1.53	44.17	-0.8	0.0	146.8	5000.0	-30.6	Peak
3611.00	H	104.00	1.53	32.50	-0.8	8.4	14.6	500.0	-30.7	Average
4513.75	H	69.00	1.70	43.67	0.3	0.0	157.7	5000.0	-30.0	Peak
4513.75	H	69.00	1.70	31.67	0.3	8.4	15.1	500.0	-30.4	Average
5416.80	H	120.00	1.63	41.33	2.8	0.0	160.5	5000.0	-29.9	Peak
5416.80	H	120.00	1.63	28.33	2.8	8.4	13.7	500.0	-31.3	Average
8126.25	H	252.00	2.05	39.50	6.8	0.0	207.5	5000.0	-27.6	Peak
8126.25	H	252.00	2.05	27.00	6.8	8.4	18.7	500.0	-28.5	Average

Table 24: Radiated Emission Test Data, Low Frequency Data (>1GHz)
(Mid Channel with WPIANTFR4AR12003 Antenna)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	237.00	1.38	48.17	-7.7	8.4	40.0	500.0	-21.9	Average
2744.18	V	130.00	1.32	56.33	-2.3	0.0	501.4	5000.0	-20.0	Peak
2744.18	V	130.00	1.32	43.00	-2.3	8.4	41.1	500.0	-21.7	Average
2994.67	V	212.00	1.08	39.50	-1.8	8.4	29.1	500.0	-24.7	Average
3658.57	V	119.00	1.99	50.17	-0.8	0.0	295.6	5000.0	-24.6	Peak
3658.57	V	119.00	1.99	37.33	-0.8	8.4	25.6	500.0	-25.8	Average
4573.08	V	190.00	3.50	49.83	0.4	0.0	325.4	5000.0	-23.7	Peak
4573.08	V	190.00	3.50	37.50	0.4	8.4	29.9	500.0	-24.5	Average
5487.83	V	191.00	2.56	50.50	3.0	0.0	473.9	5000.0	-20.5	Peak
5487.83	V	191.00	2.56	37.67	3.0	8.4	41.1	500.0	-21.7	Average
7316.87	V	136.00	2.52	43.50	7.2	0.0	342.3	5000.0	-23.3	Peak
7316.87	V	136.00	2.52	31.50	7.2	8.4	32.7	500.0	-23.7	Average
8231.55	V	186.00	3.32	42.83	7.1	0.0	312.2	5000.0	-24.1	Peak
8231.55	V	186.00	3.32	30.17	7.1	8.4	27.6	500.0	-25.2	Average
1537.20	H	182.00	1.95	50.33	-7.7	8.4	51.4	500.0	-19.8	Average
2744.18	H	127.00	3.54	53.50	-2.3	0.0	362.0	5000.0	-22.8	Peak
2744.18	H	127.00	3.54	40.83	-2.3	8.4	32.0	500.0	-23.9	Average
2994.67	H	237.00	2.51	35.17	-1.8	8.4	17.7	500.0	-29.0	Average
3658.57	H	239.00	2.85	44.17	-0.8	0.0	148.2	5000.0	-30.6	Peak
3658.57	H	239.00	2.85	32.83	-0.8	8.4	15.3	500.0	-30.3	Average
4573.08	H	183.00	3.34	43.33	0.4	0.0	154.0	5000.0	-30.2	Peak
4573.08	H	183.00	3.34	31.33	0.4	8.4	14.7	500.0	-30.6	Average
5487.83	H	202.00	3.97	43.83	3.0	0.0	219.9	5000.0	-27.1	Peak
5487.83	H	202.00	3.97	32.17	3.0	8.4	21.8	500.0	-27.2	Average
7316.87	H	161.00	1.39	43.67	7.2	0.0	349.0	5000.0	-23.1	Peak
7316.87	H	161.00	1.39	31.17	7.2	8.4	31.5	500.0	-24.0	Average
8231.55	H	125.00	4.00	42.50	7.1	0.0	300.6	5000.0	-24.4	Peak
8231.55	H	125.00	4.00	30.00	7.1	8.4	27.1	500.0	-25.3	Average

Table 25: Radiated Emission Test Data, Low Frequency Data (>1GHz)
(High Channel with WPIANTFR4AR12003 Antenna)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments
1537.20	V	2.00	1.00	46.17	-7.7	8.4	31.8	500.0	-23.9	Average
2781.68	V	260.00	3.04	49.00	-2.2	0.0	217.6	5000.0	-27.2	Peak
2781.68	V	260.00	3.04	36.33	-2.2	8.4	19.2	500.0	-28.3	Average
2994.67	V	23.00	2.53	40.33	-1.8	8.4	32.0	500.0	-23.9	Average
3709.67	V	125.00	2.79	44.67	-0.7	0.0	158.5	5000.0	-30.0	Peak
3709.67	V	125.00	2.79	32.83	-0.7	8.4	15.4	500.0	-30.2	Average
4635.53	V	128.00	2.14	44.17	0.6	0.0	172.3	5000.0	-29.3	Peak
4635.53	V	128.00	2.14	33.00	0.6	8.4	18.1	500.0	-28.8	Average
8346.02	V	268.00	1.76	45.17	7.3	0.0	419.8	5000.0	-21.5	Peak
8346.02	V	268.00	1.76	33.67	7.3	8.4	42.4	500.0	-21.4	Average
1537.20	H	15.00	1.59	53.33	-7.7	8.4	72.5	500.0	-16.8	Average
2781.68	H	239.00	4.00	49.83	-2.2	0.0	239.4	5000.0	-26.4	Peak
2781.68	H	239.00	4.00	36.67	-2.2	8.4	20.0	500.0	-28.0	Average
2994.67	H	2.00	3.03	37.50	-1.8	8.4	23.1	500.0	-26.7	Average
3709.67	H	219.00	2.29	43.50	-0.7	0.0	138.5	5000.0	-31.1	Peak
3709.67	H	219.00	2.29	31.00	-0.7	8.4	12.5	500.0	-32.0	Average
4635.53	H	98.00	2.13	42.50	0.6	0.0	142.2	5000.0	-30.9	Peak
4635.53	H	98.00	2.13	30.83	0.6	8.4	14.1	500.0	-31.0	Average
8346.02	H	163.00	3.06	44.83	7.3	0.0	403.7	5000.0	-21.9	Peak
8346.02	H	163.00	3.06	32.33	7.3	8.4	36.4	500.0	-22.8	Average

4.8 Receiver Radiated Spurious Emissions: (§15.209, RSS-Gen [7.2.3.2])

The EUT must comply with the requirements for radiated spurious emissions from the receiver. These emissions must meet the limits specified in §15.209 and RSS-Gen.

4.8.1 Test Procedure

The EUT was placed on motorized turntable for radiated testing on a 3-meter open field test site. The emissions from the EUT were measured continuously at every azimuth by rotating the turntable. Receiving antennas were mounted on an antenna mast to determine the height of maximum emissions. The height of the antenna was varied between 1 and 4 meters. The emissions were measured using the following resolution bandwidths:

Three Orthogonal positions of the unit were tested to 3GHz with the worst case reported.

Frequency Range	Resolution Bandwidth	Video Bandwidth
30MHz-1000 MHz	120kHz	> 100 kHz
>1000 MHz	1 MHz	10 Hz (Avg.)

4.8.2 Test Summary

The EUT complied with the requirements for receiver radiated emissions FCC 15.209 IC RSS-Gen. Receiver Radiated Spurious Test Data.

Table 26: Radiated Emission Test Data, High Frequency Data (> 1GHz)
(Received Mode)

Frequency (MHz)	Polarity H/V	Azimuth (Degree)	Ant. Height (m)	SA Level (dBuV)	Corr Factors (dB)	Duty Cycle Correction (dB)	Corr. Level (uV/m)	Limit (uV/m)	Margin (dB)	Comments	
1537.20	V	97.00	2.60	51.50	-7.7	0.0	154.6	500.0	-10.2	Average	LCom HG908V-PRO
2994.67	V	192.00	2.13	39.50	-1.8	0.0	76.7	500.0	-16.3	Average	LCom HG908V-PRO
1537.20	V	220.00	3.23	48.00	-7.7	0.0	103.3	500.0	-13.7	Average	TRA9023NP
2994.67	V	216.00	2.67	45.50	-1.8	0.0	152.9	500.0	-10.3	Average	TRA9023NP
1537.20	V	92.00	2.55	49.83	-7.7	0.0	127.5	500.0	-11.9	Average	WPIANTFR4R12000 3
2994.67	V	132.00	2.74	43.83	-1.8	0.0	126.2	500.0	-12.0	Average	WPIANTFR4R12000 3
1537.20	H	151.00	2.07	53.67	-7.7	0.0	198.4	500.0	-8.0	Average	LCom HG908V-PRO
2994.67	H	60.00	2.07	44.50	-1.8	0.0	136.3	500.0	-11.3	Average	LCom HG908V-PRO
1537.20	H	2.00	1.65	50.67	-7.7	0.0	140.5	500.0	-11.0	Average	TRA9023NP
2994.67	H	325.00	1.66	42.50	-1.8	0.0	108.3	500.0	-13.3	Average	TRA9023NP
1537.20	H	193.00	2.11	49.50	-7.7	0.0	122.8	500.0	-12.2	Average	WPIANTFR4R12000 3
2994.67	H	46.00	2.03	44.50	-1.8	0.0	136.3	500.0	-11.3	Average	WPIANTFR4R12000 3