

DATA PACKAGE

Date: August 13, 2012

Project No: 12-2090

Company Name: Motorola Solutions

Test performed by: Thierry Jean-Charles

Equipment under test: Bali UHF Range 2
Model No.: PMUE4140A
S/N: 511TNK2376

Measurement Criteria

Compliance Testing

Radiated Emissions
FCC Part 15 Class B

Radiated Emissions
FCC Part 90

Results Summary: EUT meets the test requirements

Test Configurations: Radiated Spurious Emissions
TX Frequencies: 450.0125 MHz, 460.0125 MHz, 481.0125 MHz,
469.9875 MHz, 511.9875 MHz, 526.9875 MHz

Unintentional Radiated Emissions
RX Frequencies: 450.0125 MHz, 460.0125 MHz, 481.0125 MHz,
469.9875 MHz, 511.9875 MHz, 526.9875 MHz

Table 1: Test Equipment

AssetID	Manufacturer	Model #	Equipment Type	Serial #	Last Calibration Date	Calibration Due Date
524	Chase	CBL6111	Antennas	1138	1/7/2011	1/7/2013
2002	EMCO	3108	Antennas	2147	11/30/2011	11/30/2013
2004	EMCO	3146	Antennas	1385	11/30/2011	11/30/2013
2006	EMCO	3115	Antennas	2573	3/2/2011	3/2/2013
2007	EMCO	3115	Antennas	2419	1/18/2012	1/18/2014
2011	Hewlett-Packard	HP 8447D	Amplifiers	2443A03952	1/2/2012	1/2/2013
2037	ACS Boca	Chamber EMI Cable Set	Cable Set	2037	1/2/2012	1/2/2013
2078	ACS Boca	Substitution Cable Set	Cable Set	2078	1/12/2012	1/12/2013
2091	Agilent Technologies, Inc.	8573A	Spectrum Analyzers	2407A03233	12/12/2011	12/12/2013
2095	ETS Lindgren	TILE4! - Version 4.2.A	Software	85242	NCR	NCR
RE563	Hewlett Packard	8673D	Signal Generators	3034A01078	2/22/2011	2/22/2013
2089	Agilent Technologies, Inc.	83017A	Amplifiers	3123A00214	12/22/2011	12/22/2012

Radiated Spurious Emissions

Table 2: Radiated Emissions Results 450.0125 MHz, 12.5 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
900.025	-66.35	H	107	318	5.92	-60.43	-20.00	40.43
1800.05	-54.65	H	124	222	-7.47	-62.12	-20.00	42.12
2250.0625	-56.35	H	100	257	-6.32	-62.67	-20.00	42.67
2700.075	-58.30	H	106	153	-12.47	-70.77	-20.00	50.77
900.025	-66.25	V	100	145	7.62	-58.63	-20.00	38.63
1800.05	-55.05	V	100	176	-9.12	-64.17	-20.00	44.17
2250.0625	-58.05	V	110	296	-11.22	-69.27	-20.00	49.27

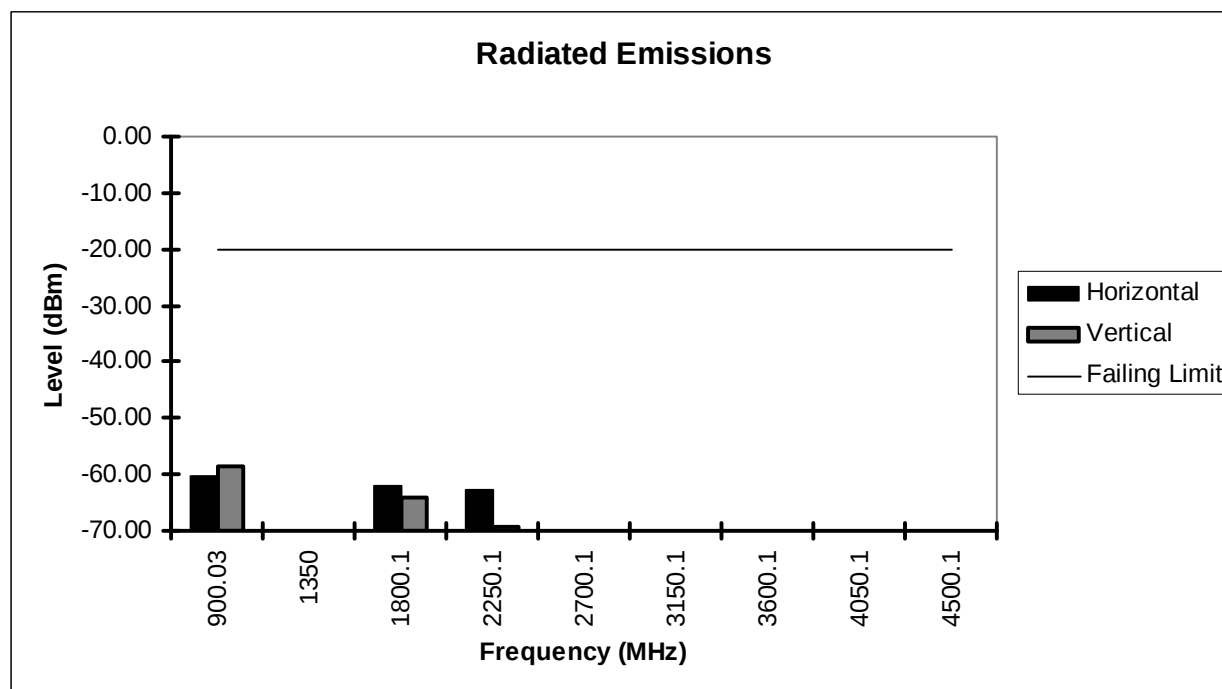


Figure 1: Radiated Emissions 450.0125 MHz, 12.5 kHz High Power

Table 3: Radiated Emissions Results 460.0125 MHz, 12.5 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
920.025	-68.85	H	100	281	3.45	-65.40	-20.00	45.40
1840.05	-54.40	H	100	243	-5.07	-59.47	-20.00	39.47
920.025	-70.05	V	100	113	3.75	-66.30	-20.00	46.30
1840.05	-55.35	V	100	178	-7.57	-62.92	-20.00	42.92

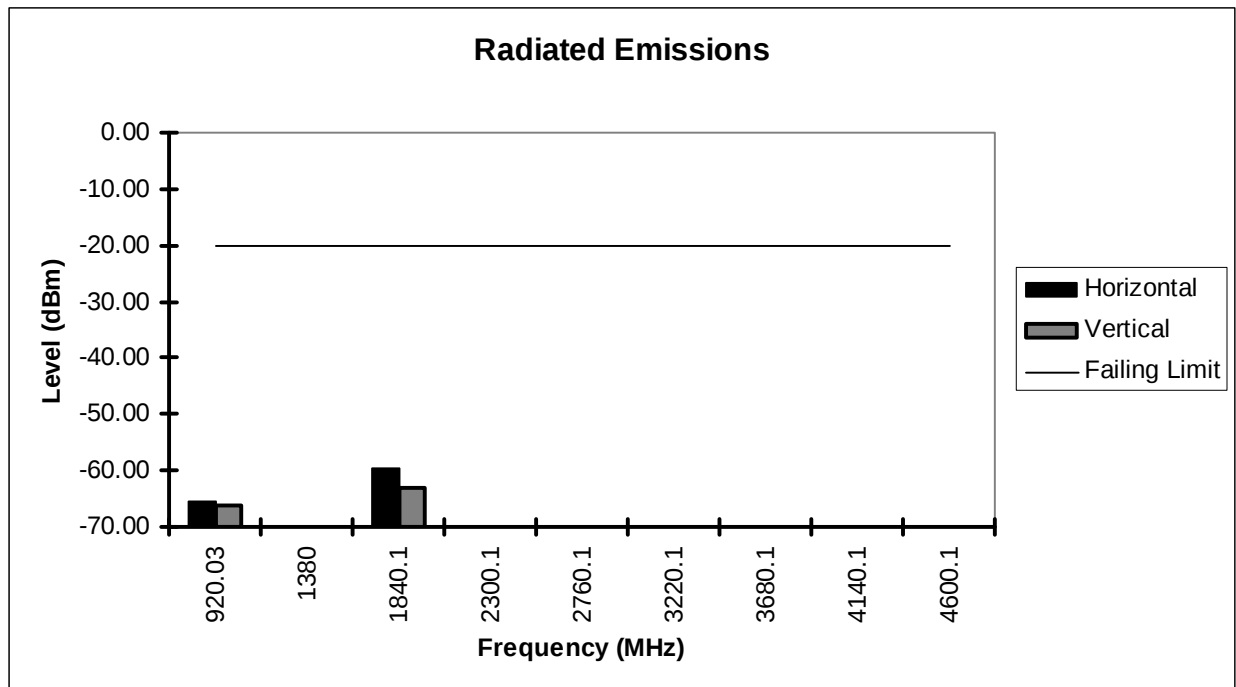


Figure 2: Radiated Emissions 460.0125 MHz, 12.5 kHz High Power

Table 4: Radiated Emissions Results 481.0125 MHz, 12.5 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
962.025	-58.70	H	100	228	8.47	-50.23	-20.00	30.23
962.025	-68.40	V	168	91	6.42	-61.98	-20.00	41.98
3848.1	-60.40	V	164	195	-3.58	-63.98	-20.00	43.98

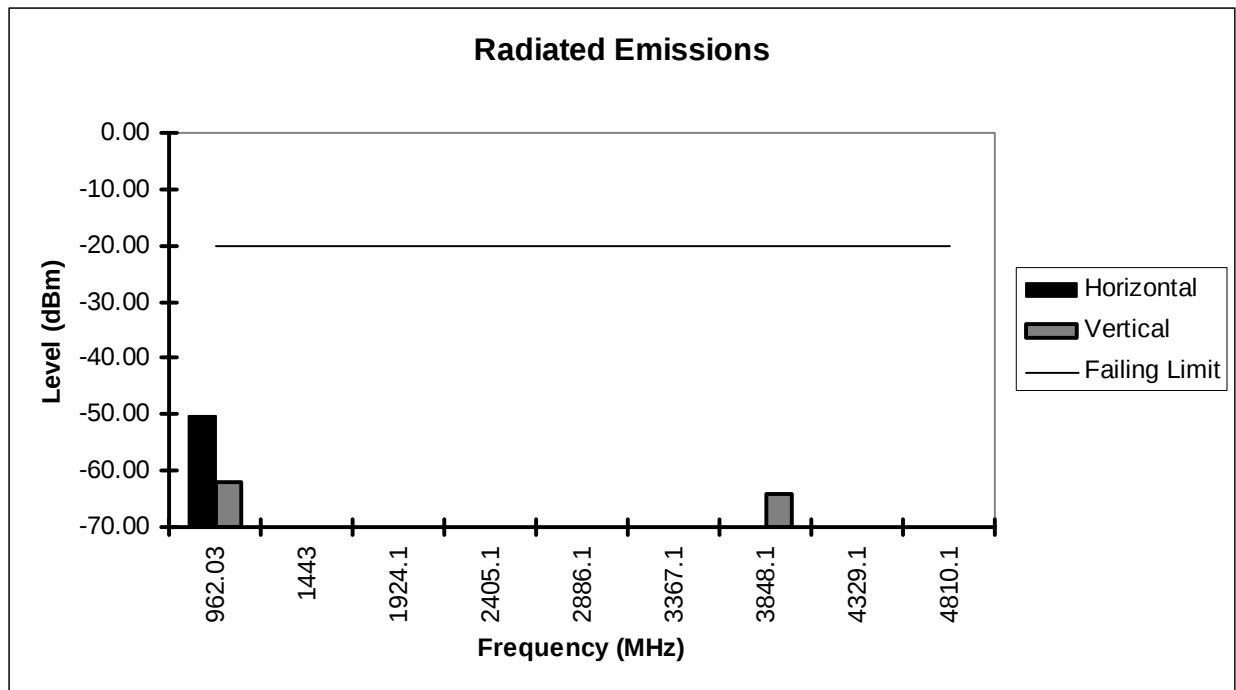


Figure 3: Radiated Emissions 481.0125 MHz, 12.5 kHz High Power

Table 5: Radiated Emissions Results 469.9875 MHz, 12.5 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
939.975	-62.70	H	100	232	7.01	-55.69	-20.00	35.69
1879.95	-55.80	H	100	243	-7.87	-63.67	-20.00	43.67
4699.875	-60.50	H	100	141	-8.01	-68.51	-20.00	48.51
939.975	-68.40	V	153	304	5.86	-62.54	-20.00	42.54
1879.95	-56.95	V	100	188	-10.97	-67.92	-20.00	47.92
4229.8875	-62.45	V	134	237	-5.64	-68.09	-20.00	48.09

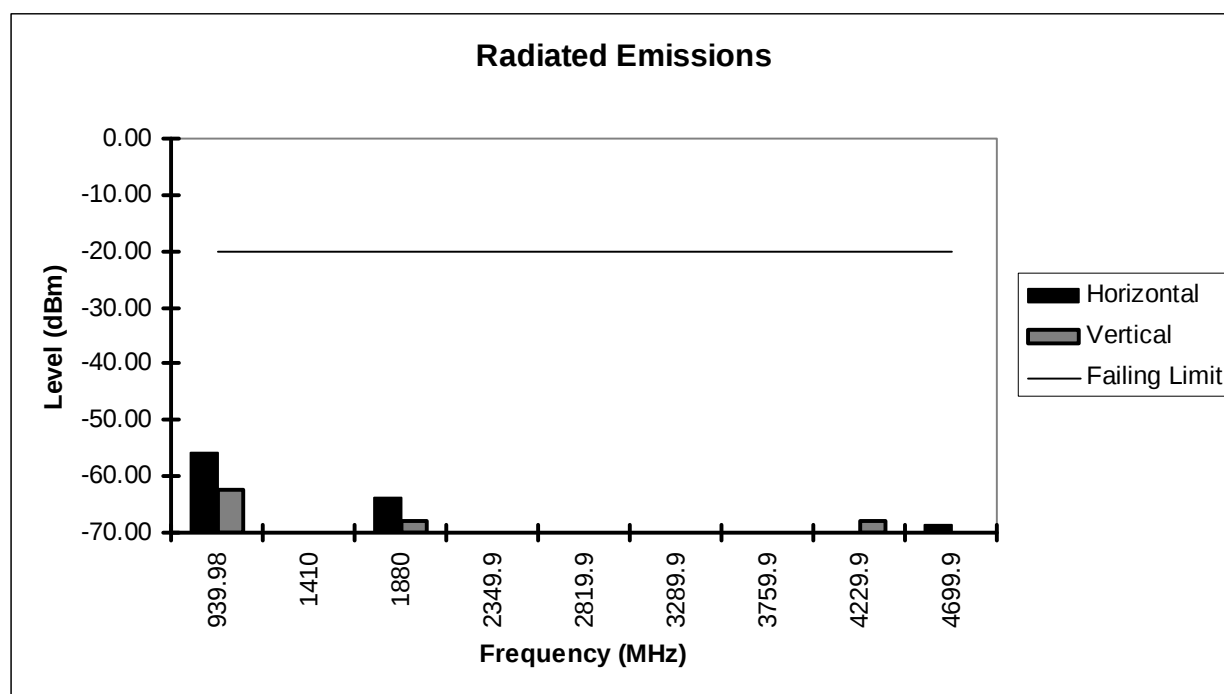


Figure 4: Radiated Emissions 469.9875 MHz, 12.5 kHz High Power

Table 6: Radiated Emissions Results 511.9875 MHz, 12.5 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
1535.9625	-53.80	H	103	191	-7.57	-61.37	-20.00	41.37
2047.95	-53.95	H	100	256	-4.12	-58.07	-20.00	38.07
5119.875	-60.50	H	100	190	1.72	-58.78	-20.00	38.78
1535.9625	-54.15	V	118	188	-7.32	-61.47	-20.00	41.47
2047.95	-53.65	V	112	272	-4.02	-57.67	-20.00	37.67
4607.8875	-60.00	V	101	331	-0.31	-60.31	-20.00	40.31
5119.875	-58.90	V	129	182	6.77	-52.13	-20.00	32.13

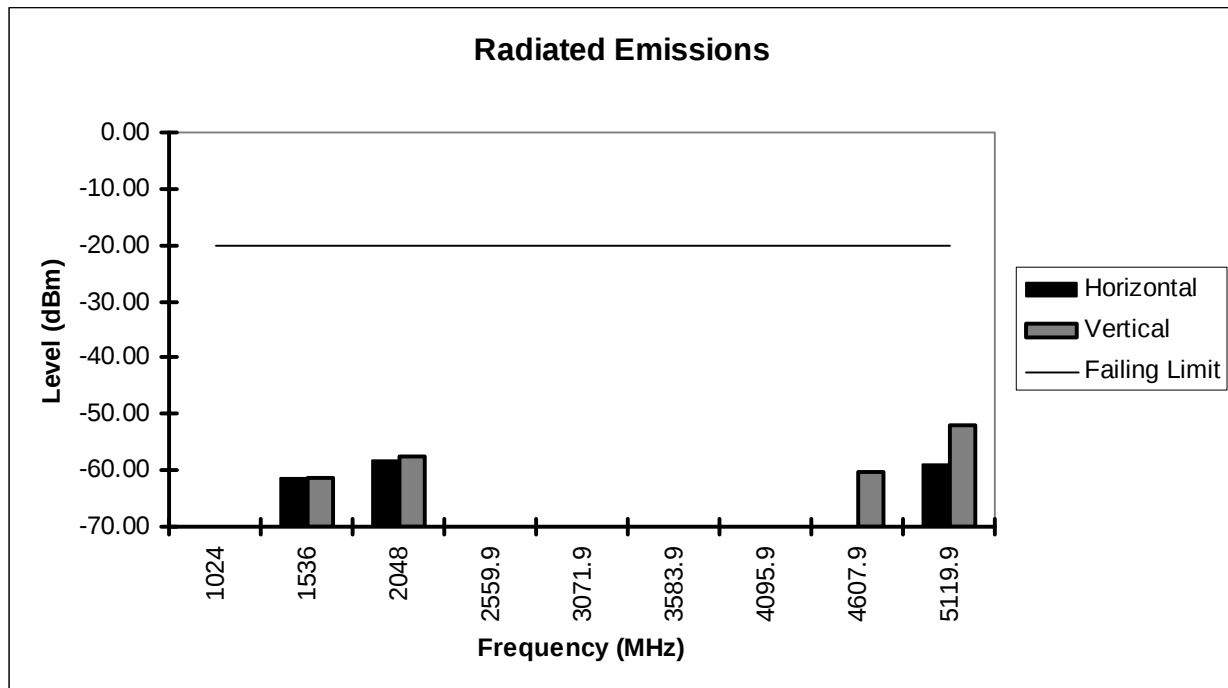


Figure 5: Radiated Emissions 511.9875 MHz, 12.5 kHz High Power

Table 7: Radiated Emissions Results 526.9875 MHz, 12.5 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
1053.975	-53.45	H	100	151	-14.34	-67.79	-20.00	47.79
1580.9625	-53.50	H	100	197	-6.92	-60.42	-20.00	40.42
2107.95	-52.10	H	100	240	-1.70	-53.80	-20.00	33.80
4742.8875	-59.40	H	100	128	1.18	-58.22	-20.00	38.22
5269.875	-59.20	H	105	290	5.45	-53.75	-20.00	33.75
1580.9625	-55.30	V	100	252	-10.07	-65.37	-20.00	45.37
2107.95	-53.15	V	105	185	-1.75	-54.90	-20.00	34.90
2634.9375	-57.60	V	101	298	-6.01	-63.61	-20.00	43.61
4742.8875	-57.85	V	115	144	6.73	-51.12	-20.00	31.12
5269.875	-56.30	V	100	179	10.20	-46.10	-20.00	26.10

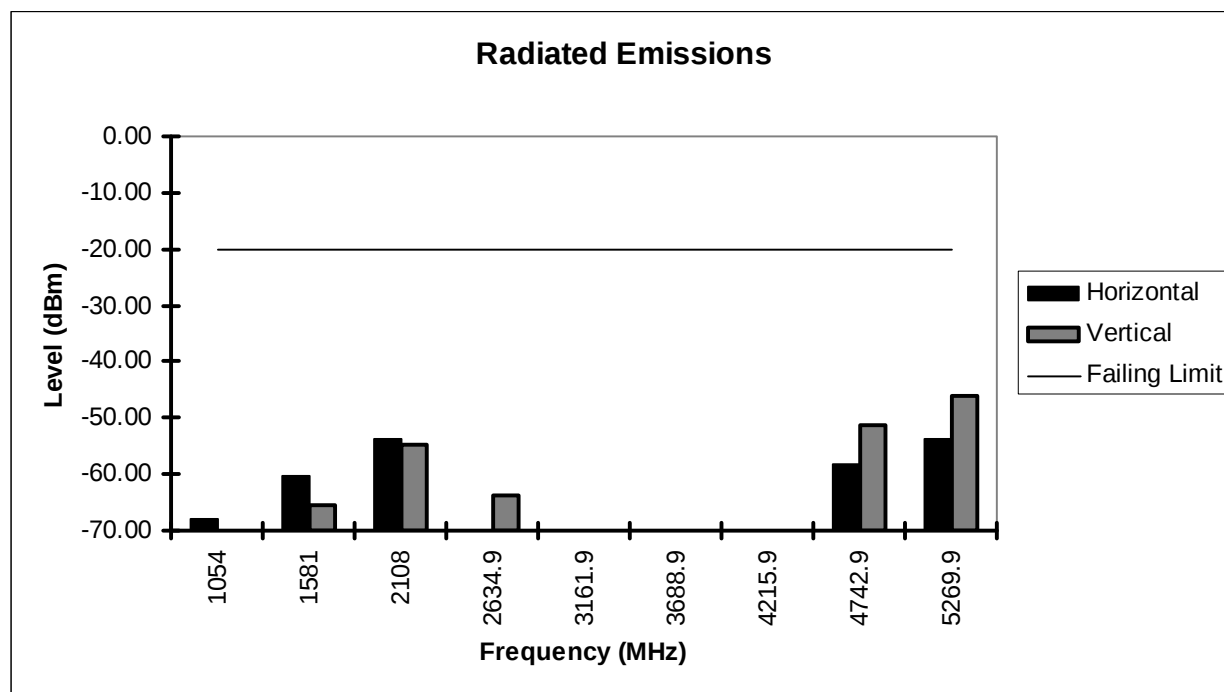


Figure 6: Radiated Emissions 526.9875 MHz, 12.5 kHz High Power

Table 8: Radiated Emissions Results 450.0125 MHz, 25 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
900.025	-66.60	H	106	322	5.92	-60.68	-13.00	47.68
1800.05	-54.70	H	100	257	-7.47	-62.17	-13.00	49.17
2250.0625	-56.80	H	100	347	-7.27	-64.07	-13.00	51.07
900.025	-65.85	V	100	162	7.67	-58.18	-13.00	45.18
1800.05	-55.15	V	100	46	-8.92	-64.07	-13.00	51.07
2250.0625	-56.20	V	105	205	-4.67	-60.87	-13.00	47.87

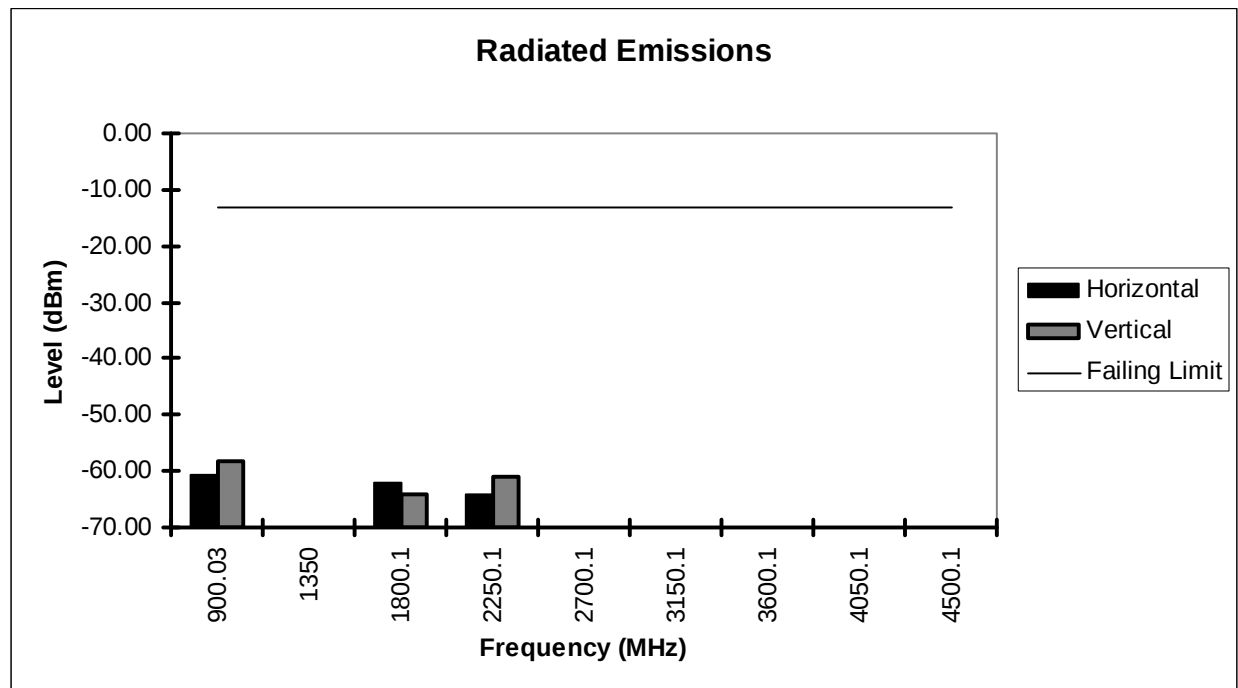


Figure 7: Radiated Emissions 450.0125 MHz, 25 kHz High Power

Table 9: Radiated Emissions Results 460.0125 MHz, 25 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
920.025	-66.55	H	100	273	4.65	-61.90	-13.00	48.90
1840.05	-54.60	H	100	263	-4.82	-59.42	-13.00	46.42
2300.0625	-56.50	H	100	231	-5.71	-62.21	-13.00	49.21
4600.125	-59.60	H	100	155	3.79	-55.81	-13.00	42.81
920.025	-70.00	V	100	134	3.75	-66.25	-13.00	53.25
1840.05	-55.30	V	100	225	-5.67	-60.97	-13.00	47.97
2300.0625	-57.20	V	100	209	-6.66	-63.86	-13.00	50.86
4600.125	-60.10	V	193	145	0.79	-59.31	-13.00	46.31

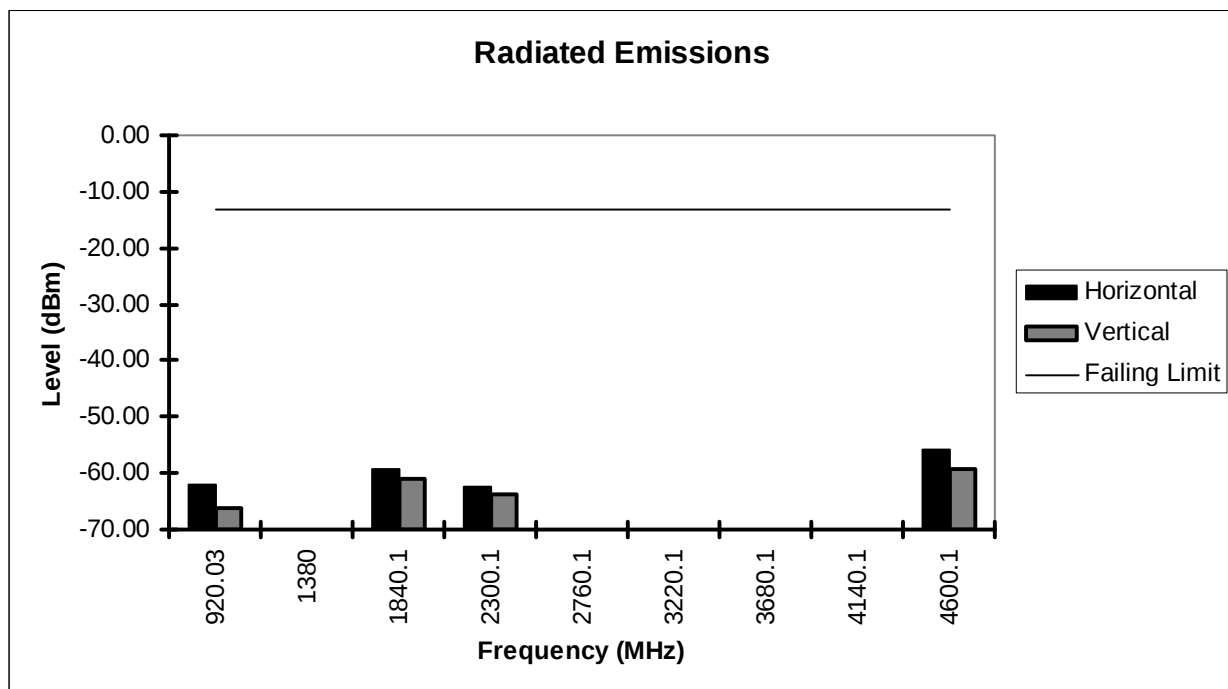


Figure 8: Radiated Emissions 460.0125 MHz, 25 kHz High Power

Table 10: Radiated Emissions Results 481.0125 MHz, 25 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
962.025	-55.70	H	100	241	8.57	-47.13	-13.00	34.13
1443.0375	-54.25	H	110	227	-9.39	-63.64	-13.00	50.64
3848.1	-60.50	H	199	189	-0.23	-60.73	-13.00	47.73
962.025	-67.25	V	114	208	7.42	-59.83	-13.00	46.83
1443.0375	-54.90	V	100	146	-9.34	-64.24	-13.00	51.24
4329.1125	-59.80	V	111	141	5.25	-54.55	-13.00	41.55
4810.125	-59.55	V	138	145	5.39	-54.17	-13.00	41.17

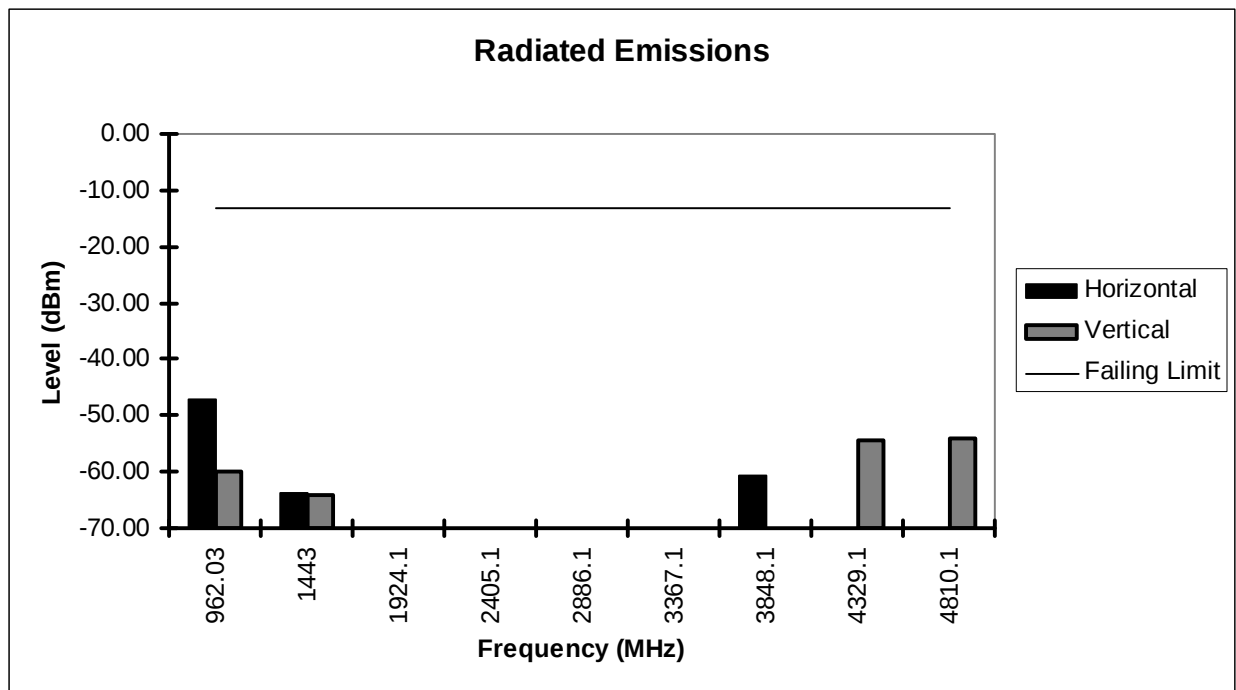


Figure 9: Radiated Emissions 481.0125 MHz, 25 kHz High Power

Table 11: Radiated Emissions Results 469.9875 MHz, 25 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
939.975	-62.70	H	100	240	7.01	-55.69	-13.00	42.69
1409.9625	-56.05	H	113	225	-10.34	-66.39	-13.00	53.39
1879.95	-56.00	H	100	145	-6.82	-62.82	-13.00	49.82
4699.875	-60.05	H	100	140	-0.71	-60.76	-13.00	47.76
939.975	-69.50	V	146	91	5.41	-64.09	-13.00	51.09
1409.9625	-56.05	V	100	142	-11.59	-67.64	-13.00	54.64
1879.95	-54.90	V	100	226	-5.02	-59.92	-13.00	46.92
2349.9375	-58.30	V	100	189	-9.41	-67.71	-13.00	54.71
4699.875	-60.00	V	100	150	3.04	-56.96	-13.00	43.96

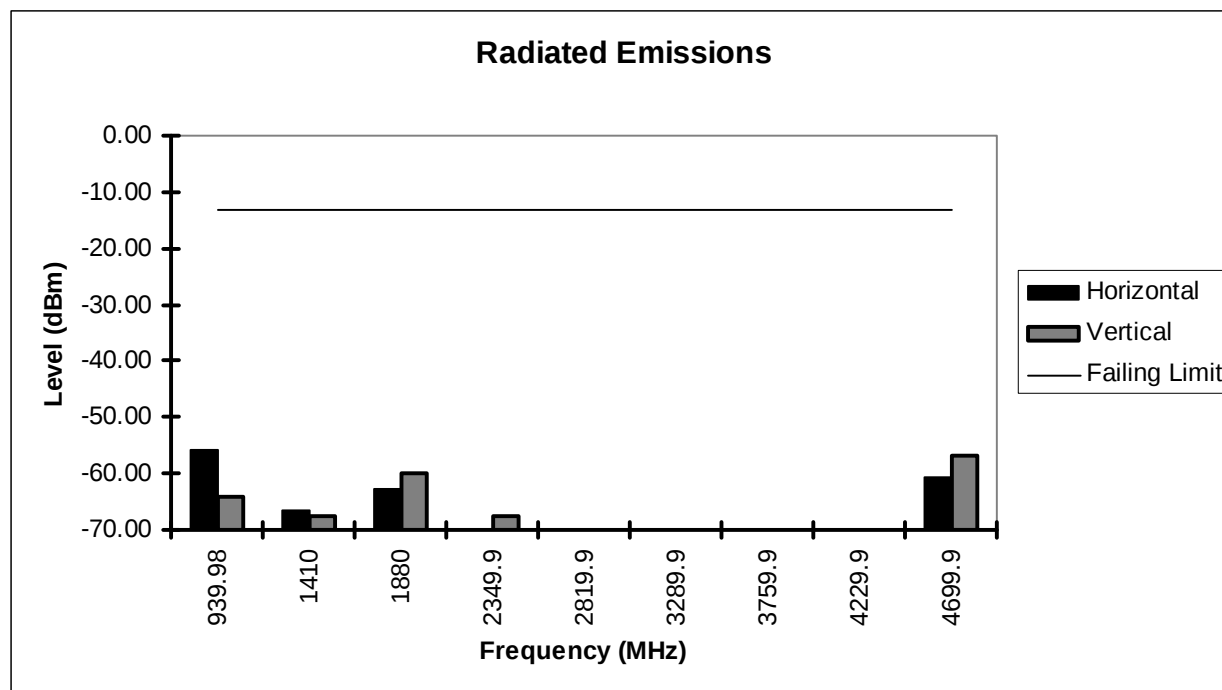


Figure 10: Radiated Emissions 469.9875 MHz, 25 kHz High Power

Table 12: Radiated Emissions Results 511.9875 MHz, 25 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
1535.9625	-54.40	H	100	223	-8.17	-62.57	-13.00	49.57
2047.95	-49.75	H	100	232	-0.47	-50.22	-13.00	37.22
4607.8875	-60.25	H	112	159	-3.21	-63.46	-13.00	50.46
5119.875	-60.85	H	101	164	-1.18	-62.03	-13.00	49.03
1535.9625	-54.20	V	143	175	-8.47	-62.67	-13.00	49.67
2047.95	-53.95	V	100	254	-3.62	-57.57	-13.00	44.57
4607.8875	-60.20	V	100	331	-3.96	-64.16	-13.00	51.16
5119.875	-58.90	V	145	186	6.62	-52.28	-13.00	39.28

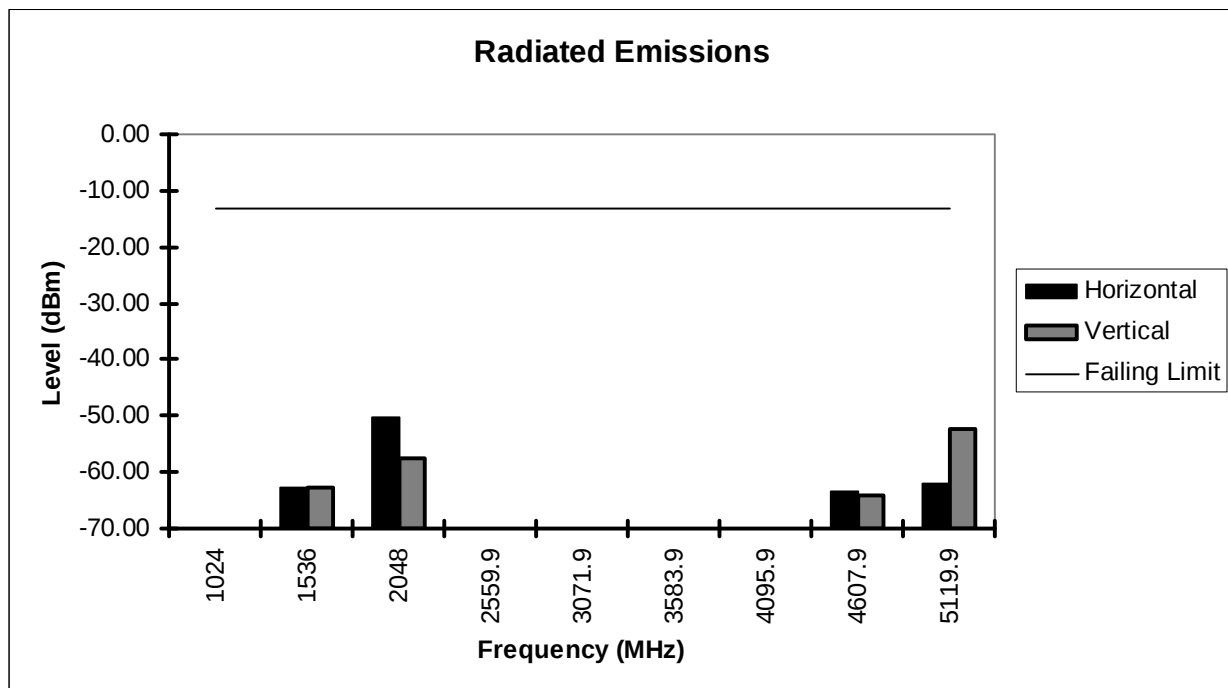


Figure 11: Radiated Emissions 511.9875 MHz, 25 kHz High Power

Table 13: Radiated Emissions Results 526.9875 MHz, 25 kHz High Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
1580.9625	-54.20	H	140	225	-9.17	-63.37	-13.00	50.37
2107.95	-51.30	H	100	237	-1.00	-52.30	-13.00	39.30
4742.8875	-59.90	H	100	225	1.78	-58.12	-13.00	45.12
5269.875	-60.15	H	100	222	2.75	-57.40	-13.00	44.40
1580.9625	-55.85	V	100	3318	-10.87	-66.72	-13.00	53.72
2107.95	-53.65	V	100	183	-2.10	-55.75	-13.00	42.75
4215.9	-61.60	V	100	191	3.56	-58.04	-13.00	45.04
4742.8875	-60.40	V	100	116	-2.72	-63.12	-13.00	50.12
5269.875	-58.00	V	100	182	8.90	-49.10	-13.00	36.10

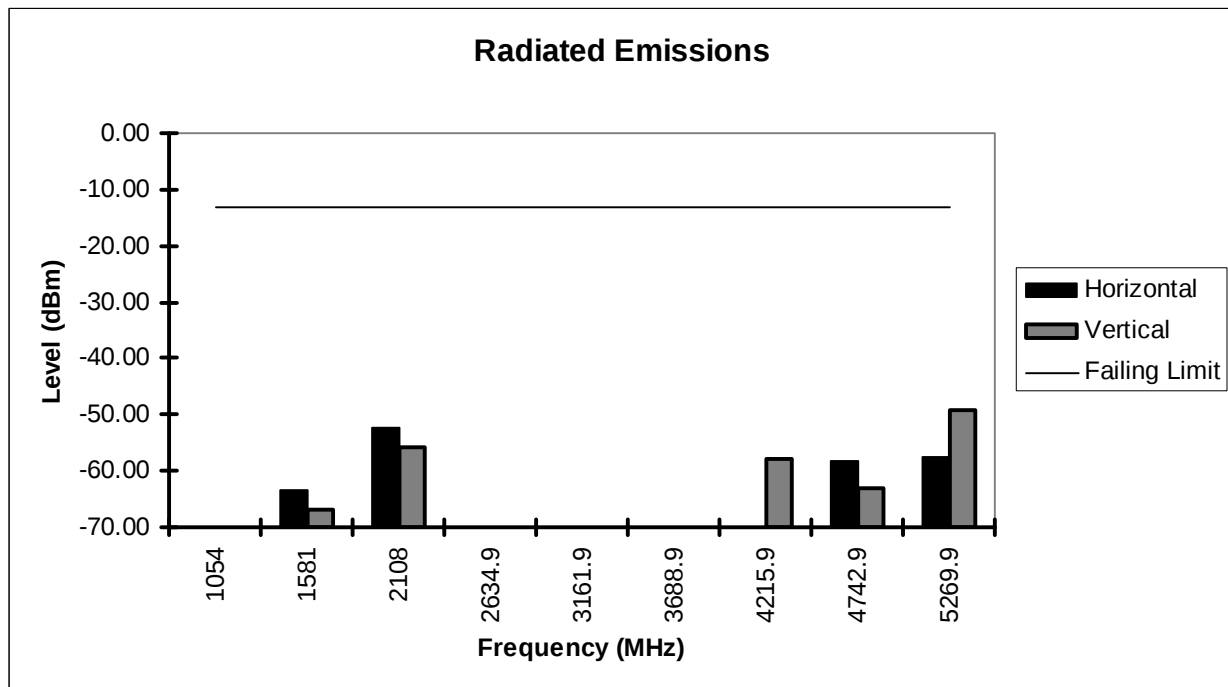


Figure 12: Radiated Emissions 526.9875 MHz, 25 kHz High Power

Table 14: Radiated Emissions Results 450.0125 MHz, 12.5 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

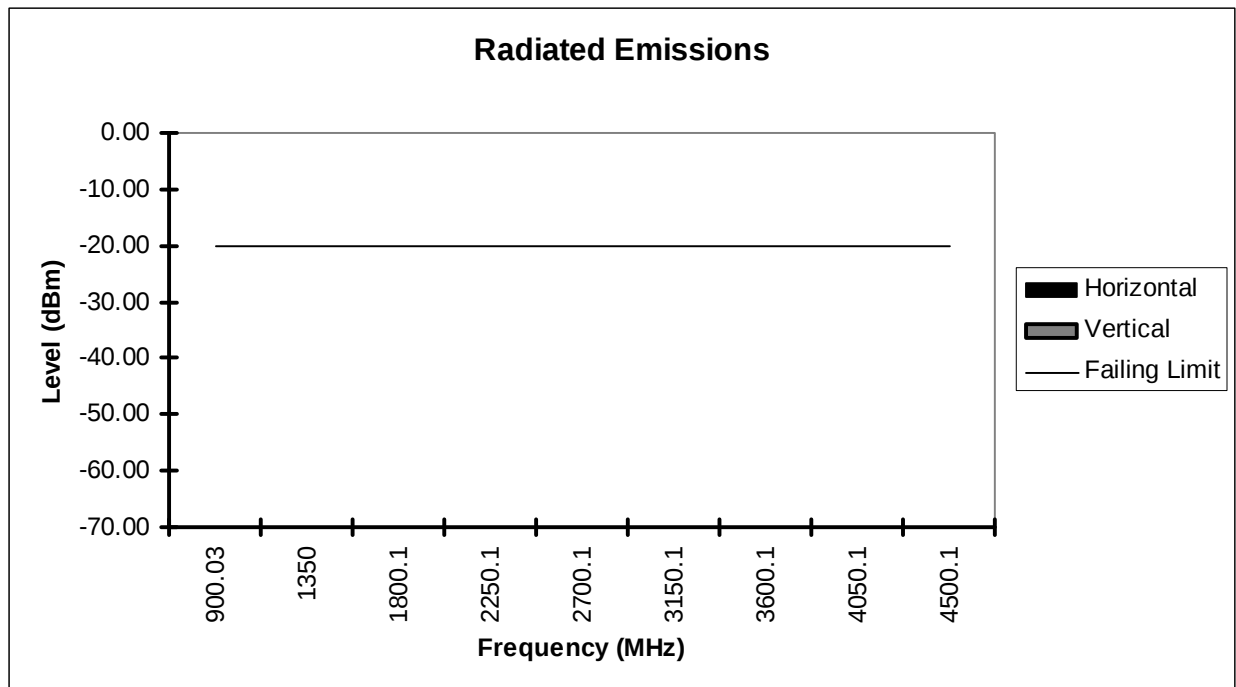


Figure 13: Radiated Emissions 450.0125 MHz, 12.5 kHz Low Power

Table 15: Radiated Emissions Results 460.0125 MHz, 12.5 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

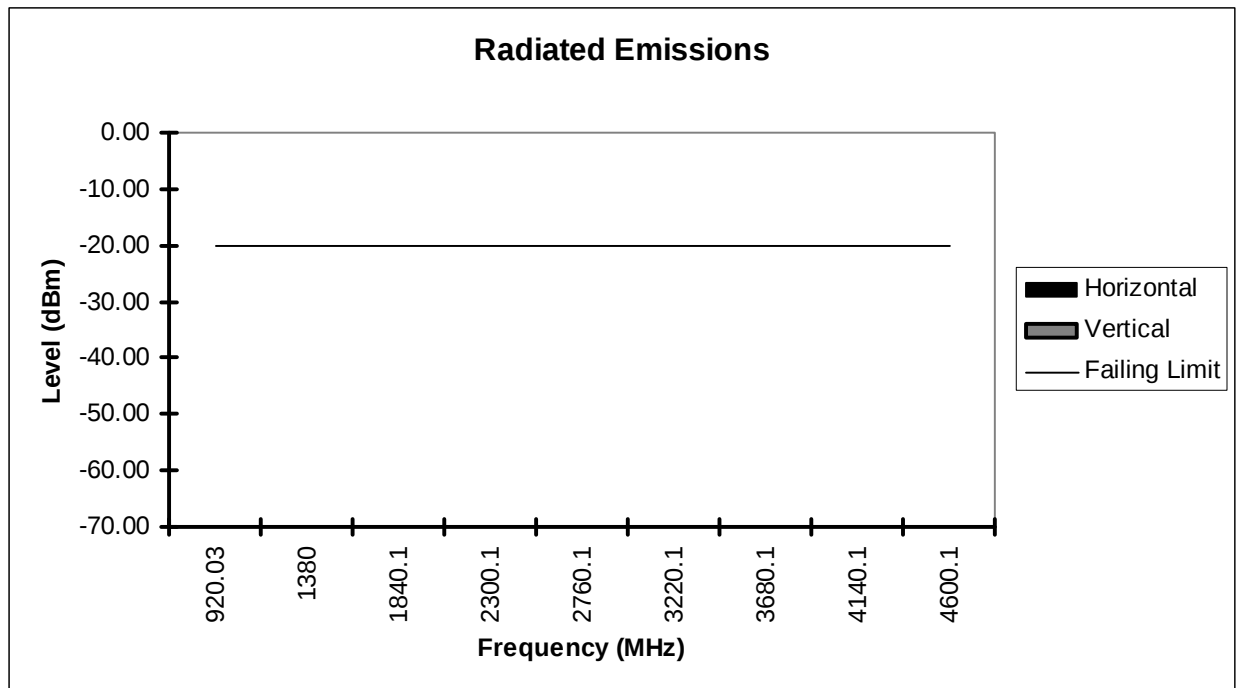


Table 16: Radiated Emissions Results 481.0125 MHz, 12.5 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

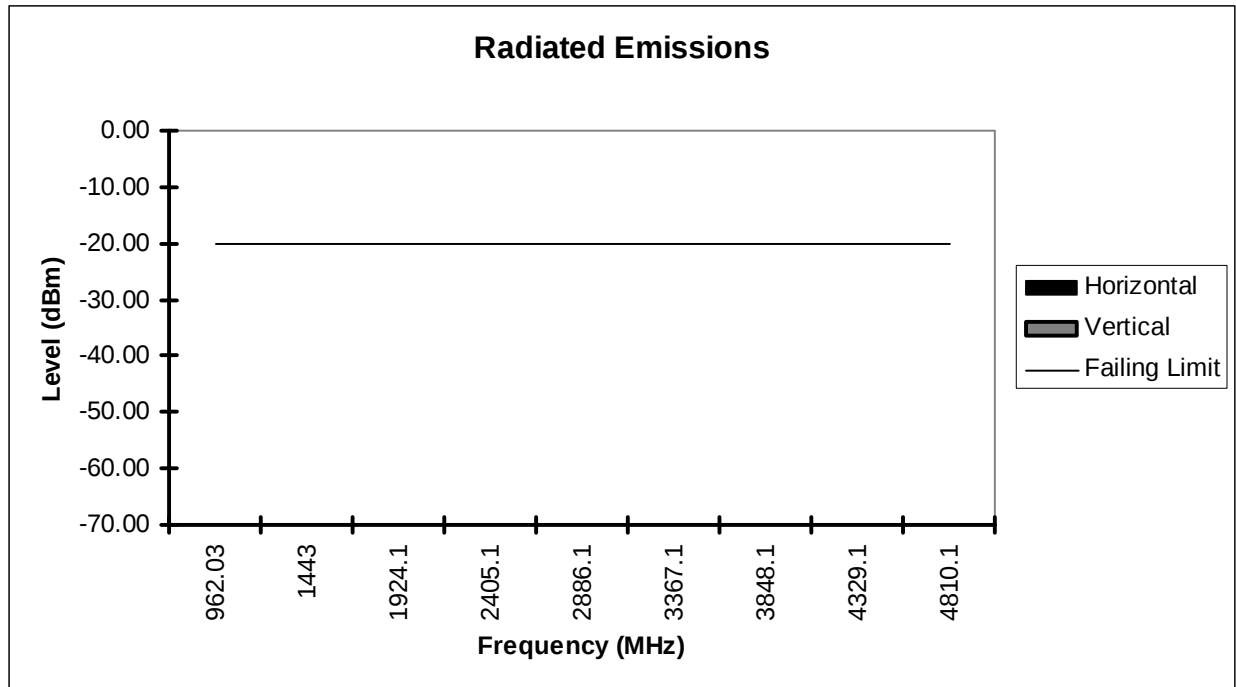


Figure 15: Radiated Emissions 481.0125 MHz, 12.5 kHz Low Power

Table 17: Radiated Emissions Results 469.9875 MHz, 12.5 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

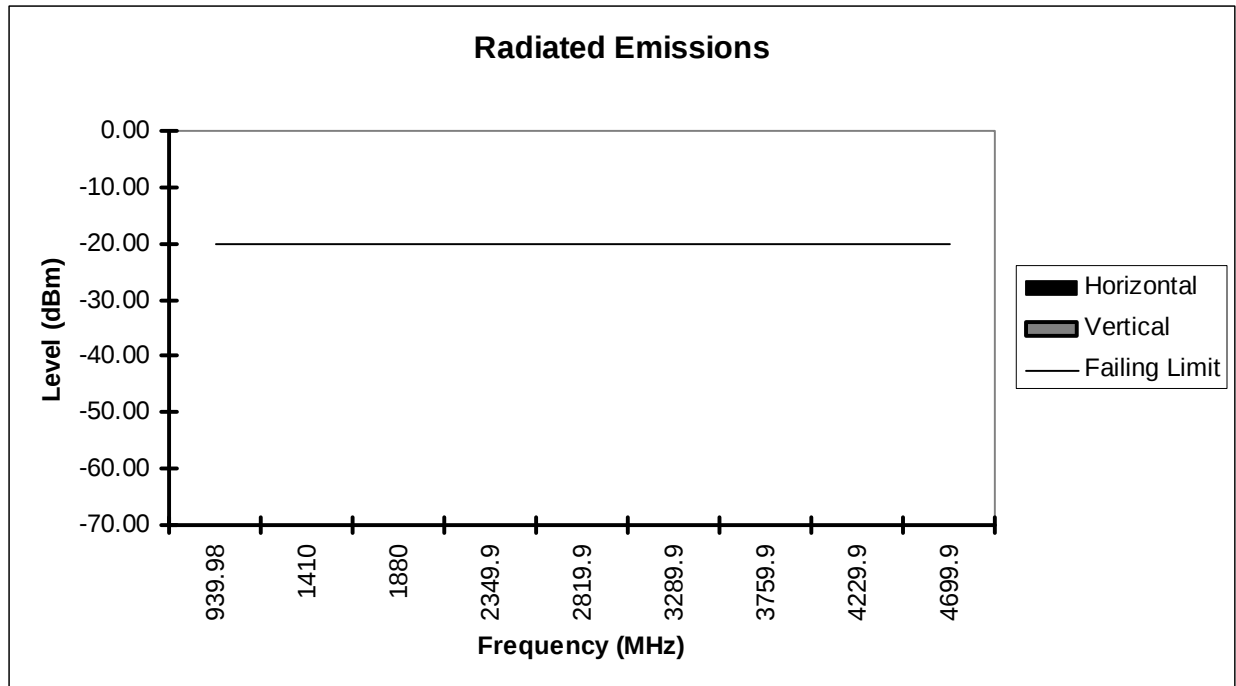


Figure 16: Radiated Emissions 469.9875 MHz, 12.5 kHz Low Power

Table 18: Radiated Emissions Results 511.9875 MHz, 12.5 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

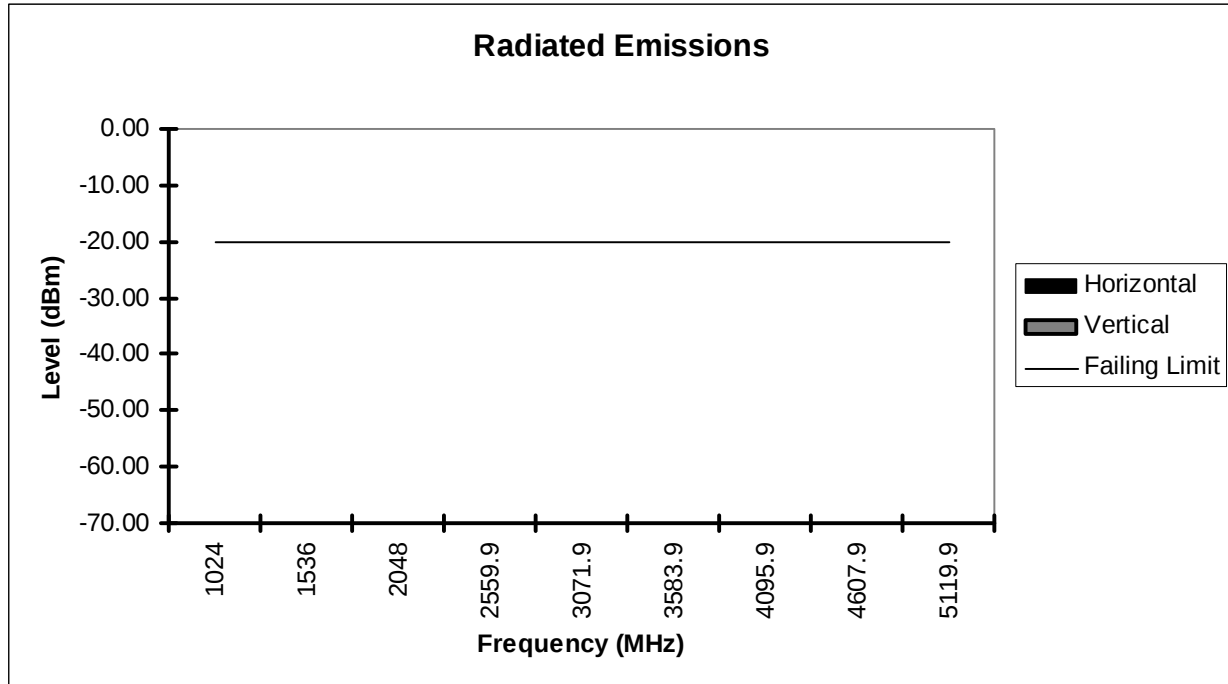


Figure 17: Radiated Emissions 511.9875 MHz, 12.5 kHz Low Power

Table 19: Radiated Emissions Results 526.9875 MHz, 12.5 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

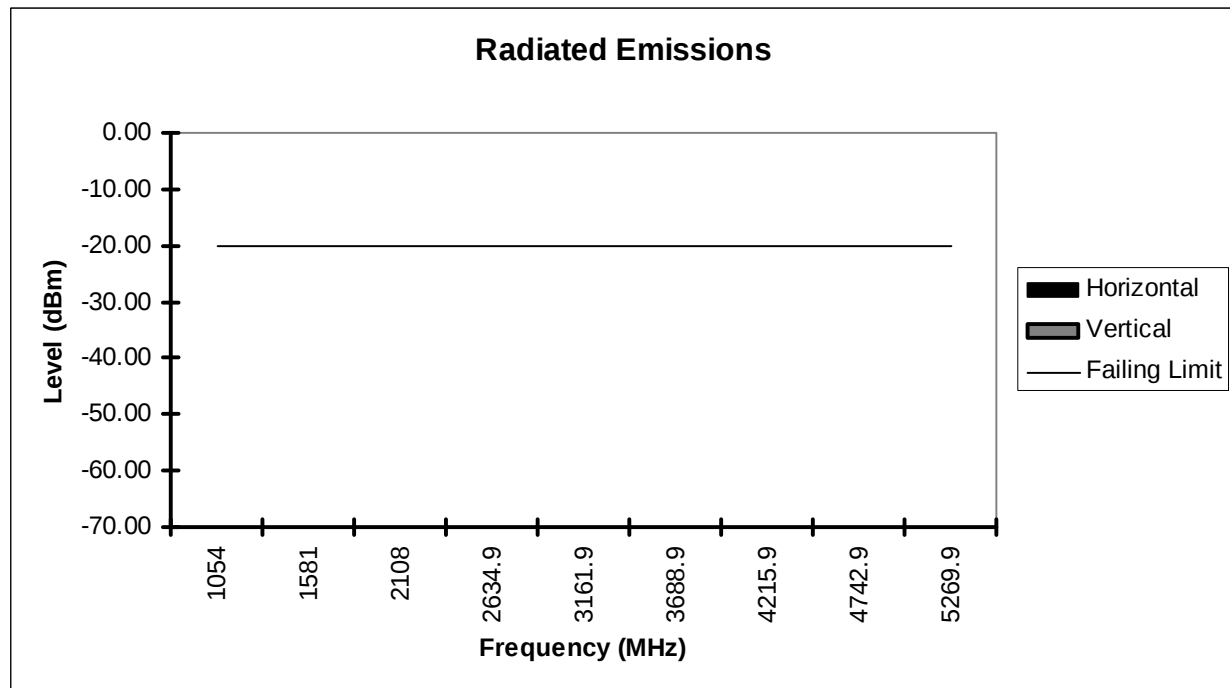


Figure 18: Radiated Emissions 526.9875 MHz, 12.5 kHz Low Power

Table 20: Radiated Emissions Results 450.0125 MHz, 25 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

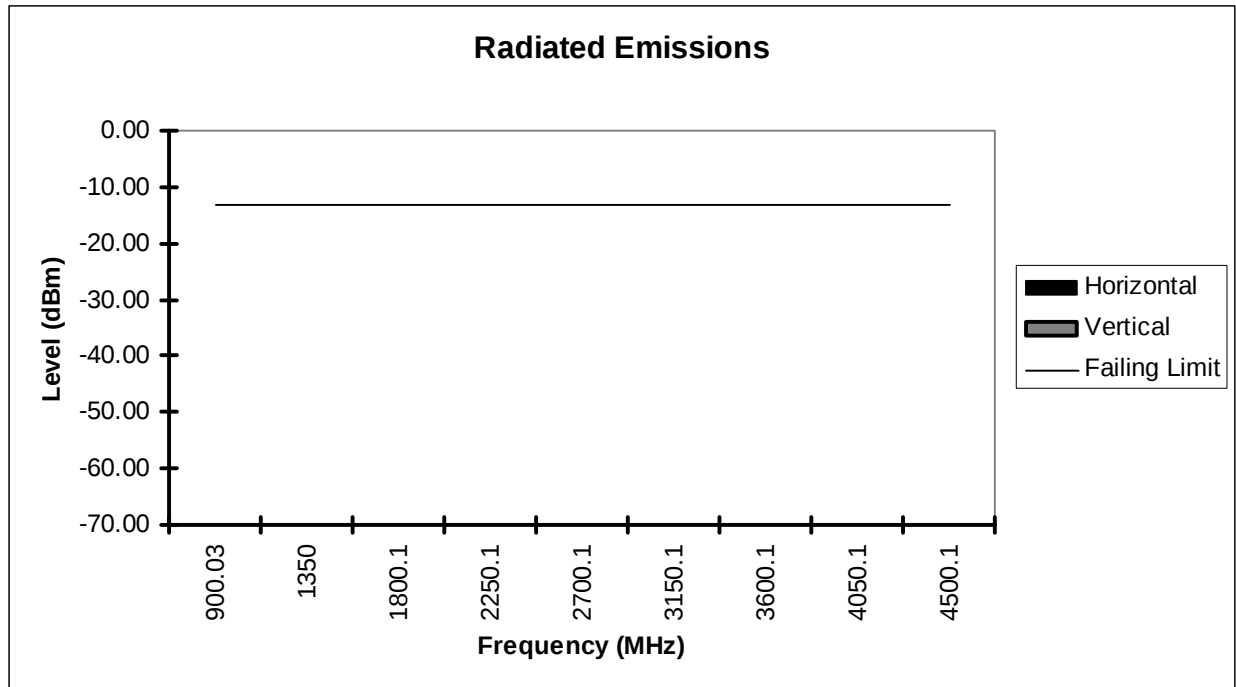


Figure 19: Radiated Emissions 450.0125 MHz, 25 kHz Low Power

Table 21: Radiated Emissions Results 460.0125 MHz, 25 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

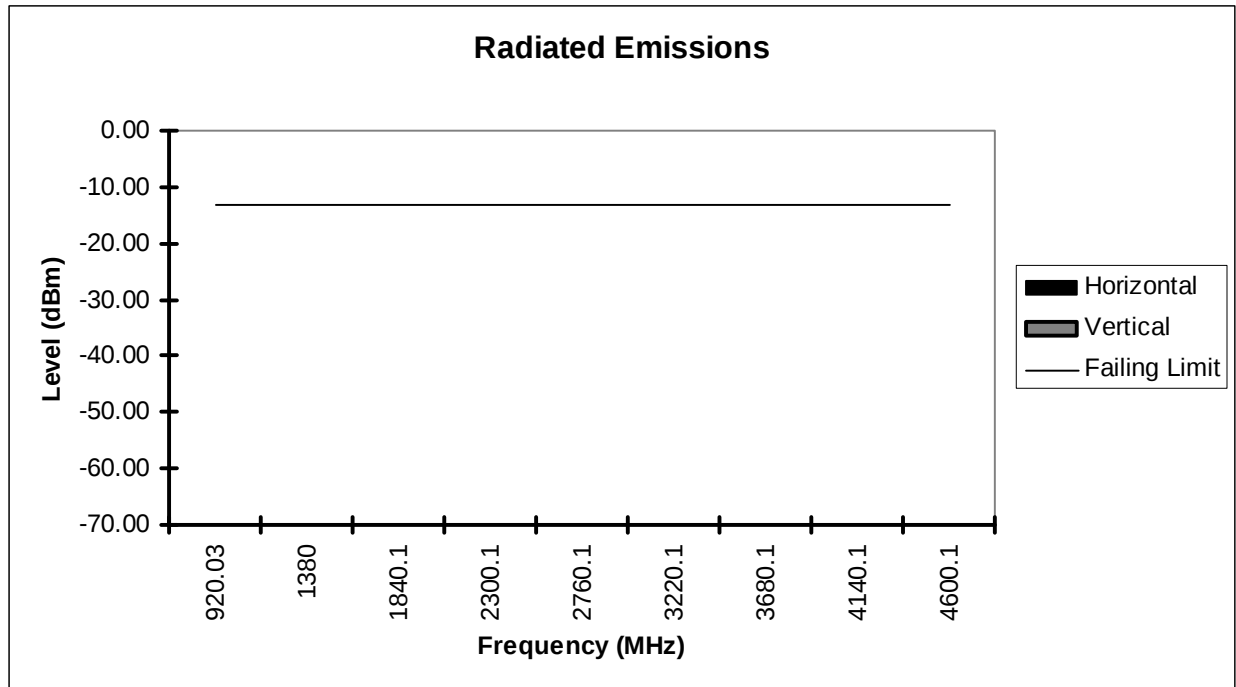


Figure 20: Radiated Emissions 460.0125 MHz, 25 kHz Low Power

Table 22: Radiated Emissions Results 481.0125 MHz, 25 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

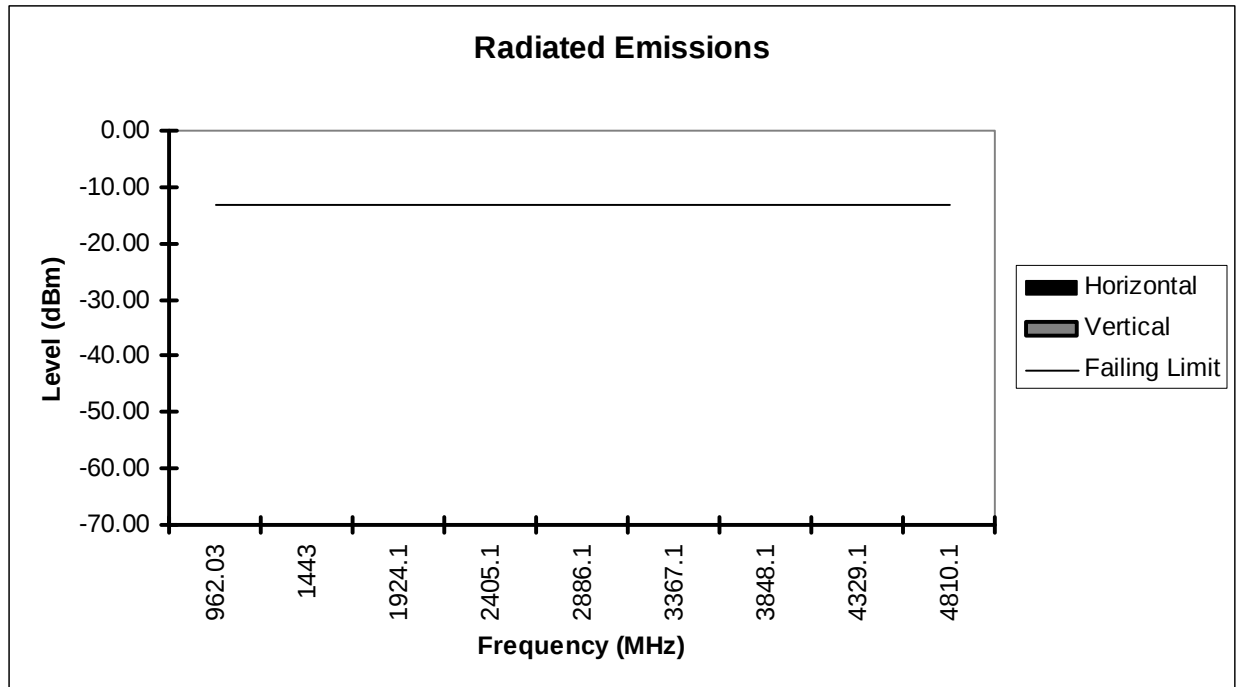


Figure 21: Radiated Emissions 481.0125 MHz, 25 kHz Low Power

Table 23: Radiated Emissions Results 469.9875 MHz, 25 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

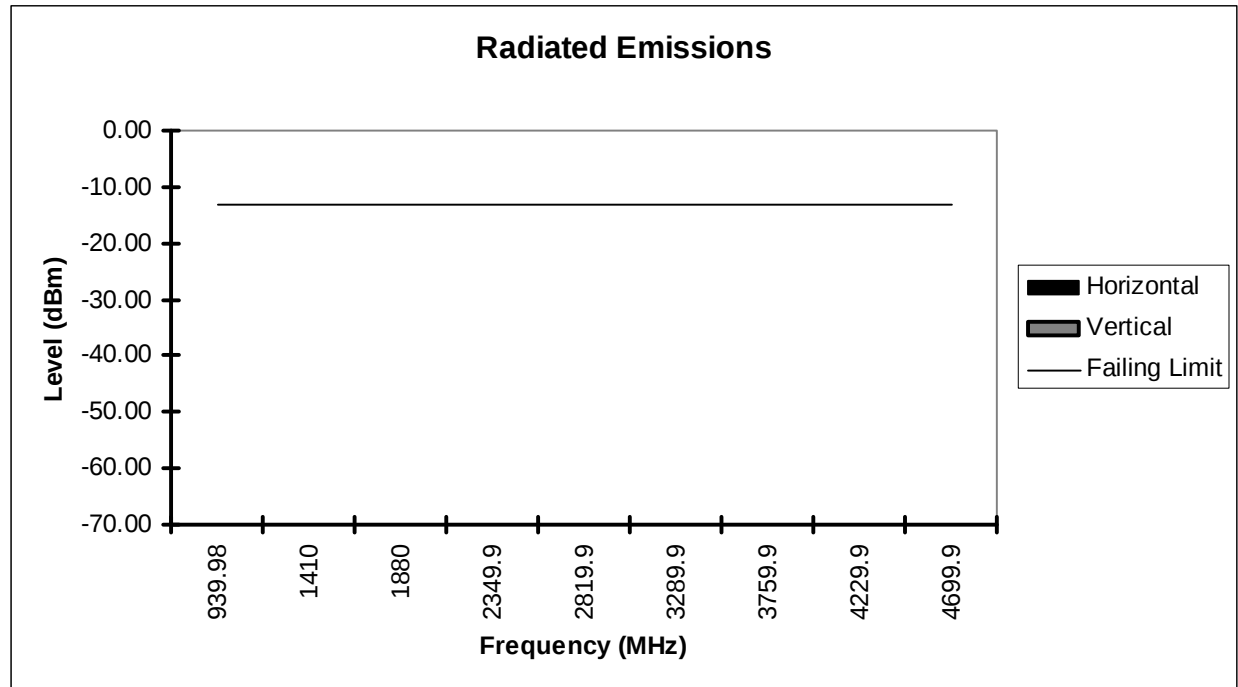


Figure 22: Radiated Emissions 469.9875 MHz, 25 kHz Low Power

Table 24: Radiated Emissions Results 511.9875 MHz, 25 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

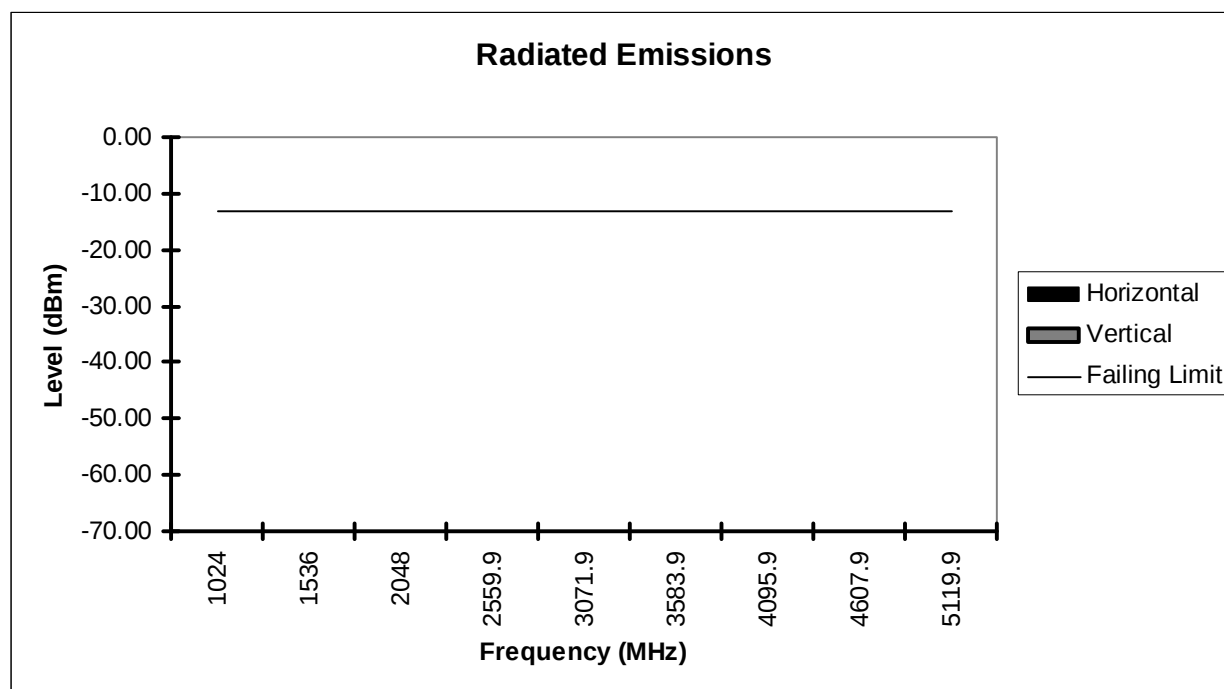


Figure 23: Radiated Emissions 511.9875 MHz, 25 kHz Low Power

Table 25: Radiated Emissions Results 526.9875 MHz, 25 kHz Low Power

Frequency (MHz)	Spectrum Analyzer Level (dBm)	Antenna Polarity (H/V)	Antenna Height (cm)	Angle (degrees)	Correction Factor (dB)	Spurious ERP (dBm)	Limit (dBm)	Margin (dB)
Noise Floor								

Note: All spurious emissions were attenuated below the limits and the noise floor of the measurement equipment.

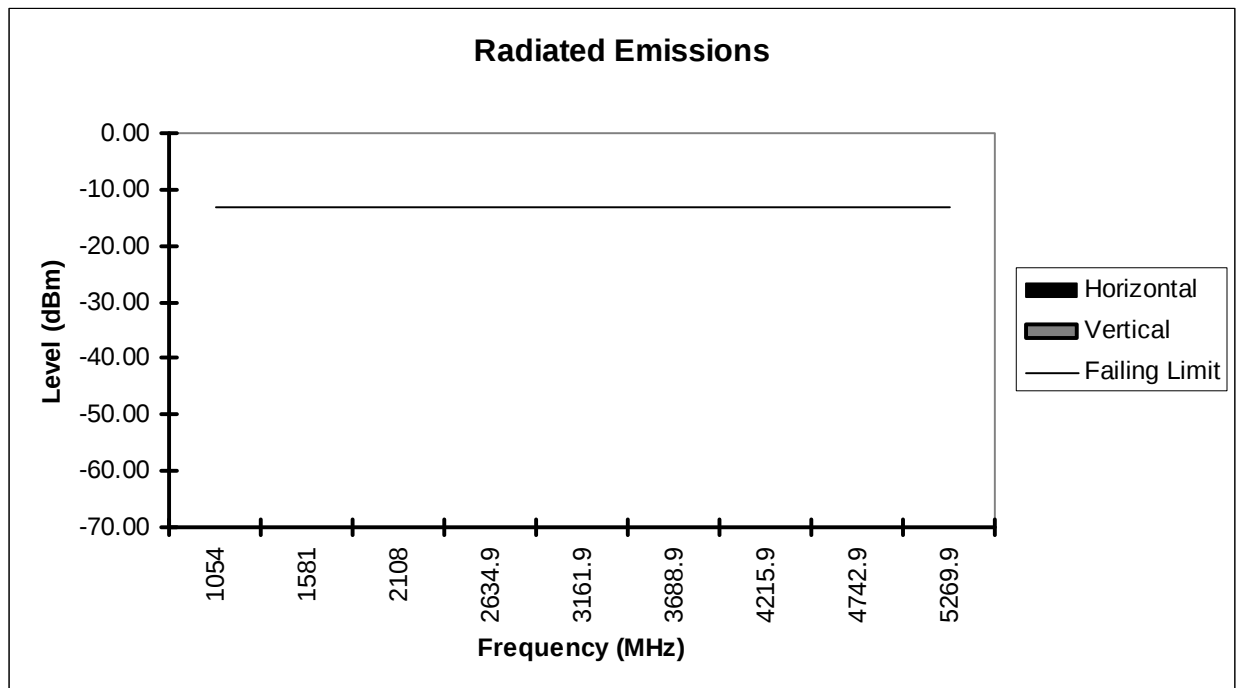


Figure 24: Radiated Emissions 526.9875 MHz, 25 kHz Low Power

Unintentional Radiated Emissions

Table 26: Radiated Emissions Results 450.0125 MHz, 12.5 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
30.3877	26.40	21.75	H	-7.89	-----	13.86	-----	40.0	-----	26.1
991.164	22.70	19.91	H	2.12	-----	22.03	-----	54.0	-----	32.0
1000.013	54.26	45.64	H	-16.58	37.68	29.06	74.0	54.0	36.3	24.9
30.01	24.60	21.81	V	-7.69	-----	14.12	-----	40.0	-----	25.9
47.4479	31.50	30.02	V	-16.61	-----	13.41	-----	40.0	-----	26.6
639.942	24.00	20.03	V	-2.89	-----	17.14	-----	46.0	-----	28.9
992.109	22.50	19.98	V	2.14	-----	22.12	-----	54.0	-----	31.9
1506.62	53.61	47.23	V	-12.84	40.77	34.39	74.0	54.0	33.2	19.6

Table 27: Radiated Emissions Results 460.0125 MHz, 12.5 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
30.01	25.60	21.94	H	-7.69	-----	14.25	-----	40.0	-----	25.7
980.572	22.60	19.94	H	2.12	-----	22.06	-----	54.0	-----	31.9
1000.01	53.72	44.98	H	-16.58	37.14	28.40	74.0	54.0	36.9	25.6
30.4685	24.80	21.84	V	-7.93	-----	13.91	-----	40.0	-----	26.1
991.318	22.70	20.06	V	2.13	-----	22.19	-----	54.0	-----	31.8
1546.63	53.26	46.09	V	-12.62	40.64	33.47	74.0	54.0	33.4	20.5

Table 28: Radiated Emissions Results 481.0125 MHz, 12.5 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
30.01	25.10	21.75	H	-7.69	-----	14.06	-----	40.0	-----	25.9
977.533	22.20	19.70	H	2.03	-----	21.73	-----	54.0	-----	32.3
1000.01	54.37	45.51	H	-16.58	37.79	28.93	74.0	54.0	36.2	25.1
30.647	24.00	21.99	V	-8.03	-----	13.96	-----	40.0	-----	26.0
587.436	24.70	21.43	V	-4.58	-----	16.85	-----	46.0	-----	29.1
988.903	23.80	20.10	V	2.11	-----	22.21	-----	54.0	-----	31.8

Table 29: Radiated Emissions Results 469.9875 MHz, 12.5 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
30.7693	25.90	21.83	H	-8.10	-----	13.73	-----	40.0	-----	26.3
990.64	23.70	20.53	H	2.11	-----	22.64	-----	54.0	-----	31.4
1057.31	52.64	41.73	H	-16.16	36.48	25.57	74.0	54.0	37.5	28.4
30.33	25.50	22.08	V	-7.86	-----	14.22	-----	40.0	-----	25.8
973.346	22.80	19.75	V	1.88	-----	21.63	-----	54.0	-----	32.4
1586.55	52.60	44.12	V	-12.39	40.21	31.73	74.0	54.0	33.8	22.3

Table 30: Radiated Emissions Results 511.9875 MHz, 12.5 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
31.4256	24.70	21.70	H	-8.45	-----	13.25	-----	40.0	-----	26.7
868.573	24.10	19.38	H	0.19	-----	19.57	-----	46.0	-----	26.4
975.707	22.40	19.62	H	1.96	-----	21.58	-----	54.0	-----	32.4
1000.01	54.69	45.60	H	-16.58	38.11	29.02	74.0	54.0	35.9	25.0
30.01	24.60	21.90	V	-7.69	-----	14.21	-----	40.0	-----	25.8
953.914	23.40	20.19	V	1.57	-----	21.76	-----	46.0	-----	24.2
1315.9	52.36	44.03	V	-14.24	38.12	29.79	74.0	54.0	35.9	24.2

Table 31: Radiated Emissions Results 526.9875 MHz, 12.5 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
30.9274	25.6	21.7	H	-8.18	-----	13.52	-----	40.0	-----	26.5
531.148	25.4	22.09	H	-5.43	-----	16.66	-----	46.0	-----	29.3
851.335	24.5	19.69	H	1.19	-----	20.88	-----	46.0	-----	25.1
994.143	25.00	19.90	H	2.17	-----	22.07	-----	54.0	-----	31.9
1000.01	54.14	45.87	H	-16.58	37.56	29.29	74.0	54.0	36.4	24.7
30.8257	26.20	21.78	V	-8.13	-----	13.65	-----	40.0	-----	26.3
132.737	31.40	28.62	V	-14.00	-----	14.62	-----	43.5	-----	28.9
539.242	25.70	21.86	V	-3.67	-----	18.19	-----	46.0	-----	27.8
856.833	23.90	19.89	V	0.45	-----	20.34	-----	46.0	-----	25.7
963.884	22.30	20.05	V	1.76	-----	21.81	-----	54.0	-----	32.2
1000.01	53.88	44.52	V	-16.58	37.30	27.94	74.0	54.0	36.7	26.1
1360.93	53.58	46.37	V	-13.91	39.67	32.46	74.0	54.0	34.3	21.5

Table 32: Radiated Emissions Results 450.0125 MHz, 25 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
31.1033	24.90	21.79	H	-8.27	-----	13.52	-----	40.0	-----	26.5
847.187	23.80	19.77	H	1.04	-----	20.81	-----	46.0	-----	25.2
987.448	22.50	19.93	H	2.11	-----	22.04	-----	54.0	-----	32.0
1000.01	53.43	44.53	H	-16.58	36.85	27.95	74.0	54.0	37.2	26.1
32.3949	25.60	21.94	V	-8.97	-----	12.97	-----	40.0	-----	27.0
983.899	24.30	19.84	V	2.11	-----	21.95	-----	54.0	-----	32.0
1506.64	53.00	47.11	V	-12.84	40.15	34.27	74.0	54.0	33.8	19.7

Table 33: Radiated Emissions Results 460.0125 MHz, 25 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
30.4955	25.10	21.70	H	-7.95	-----	13.75	-----	40.0	-----	26.2
990.139	25.10	19.96	H	2.11	-----	22.07	-----	54.0	-----	31.9
1000.01	52.90	43.27	H	-16.58	36.32	26.69	74.0	54.0	37.7	27.3
30.404	25.40	21.97	V	-7.90	-----	14.07	-----	40.0	-----	25.9
963.702	23.40	19.85	V	1.76	-----	21.61	-----	54.0	-----	32.4
1000.01	50.76	39.30	V	-16.58	34.18	22.72	74.0	54.0	39.8	31.3
1546.67	52.77	45.94	V	-12.62	40.15	33.33	74.0	54.0	33.9	20.7

Table 34: Radiated Emissions Results 481.0125 MHz, 25 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
30.9118	24.60	21.96	H	-8.17	-----	13.79	-----	40.0	-----	26.2
992.986	23.70	20.07	H	2.15	-----	22.22	-----	54.0	-----	31.8
1000.01	53.28	44.14	H	-16.58	36.70	27.56	74.0	54.0	37.3	26.4
30.517	24.70	21.82	V	-7.96	-----	13.86	-----	40.0	-----	26.1
952.24	23.30	19.83	V	1.52	-----	21.35	-----	46.0	-----	24.7
1100.05	50.51	41.10	V	-15.84	34.67	25.25	74.0	54.0	39.3	28.7

Table 35: Radiated Emissions Results 469.9875 MHz, 25 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
31.1272	26.30	21.76	H	-8.29	-----	13.47	-----	40.0	-----	26.5
542.977	25.00	21.32	H	-3.96	-----	17.36	-----	46.0	-----	28.6
943.044	23.00	19.94	H	0.82	-----	20.76	-----	46.0	-----	25.2
1000.01	52.51	44.53	H	-16.58	35.93	27.94	74.0	54.0	38.1	26.1
30.148	26.20	21.79	V	-7.76	-----	14.03	-----	40.0	-----	26.0
540.321	24.40	21.46	V	-3.56	-----	17.90	-----	46.0	-----	28.1
984.273	24.40	19.84	V	2.11	-----	21.95	-----	54.0	-----	32.0
1586.58	51.73	44.18	V	-12.39	39.34	31.79	74.0	54.0	34.7	22.2

Table 36: Radiated Emissions Results 511.9875 MHz, 25 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
30.1386	24.60	22.01	H	-7.76	-----	14.25	-----	40.0	-----	25.7
942.042	23.50	19.95	H	0.73	-----	20.68	-----	46.0	-----	25.3
1000.04	52.51	43.40	H	-16.58	35.93	26.82	74.0	54.0	38.1	27.2
30.263	25.20	21.89	V	-7.82	-----	14.07	-----	40.0	-----	25.9
970.455	24.00	19.89	V	1.77	-----	21.66	-----	54.0	-----	32.3
1315.95	51.92	43.53	V	-14.24	37.68	29.28	74.0	54.0	36.3	24.7

Table 37: Radiated Emissions Results 526.9875 MHz, 25 kHz

Frequency (MHz)	Level (dBuV)		Antenna Polarity (H/V)	Correction Factors (dB)	Corrected Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)	
	pk	Qpk/Avg			pk	Qpk/Avg	pk	Qpk/Avg	pk	Qpk/Avg
30.4065	24.30	21.90	H	-7.90	-----	14.00	-----	40.0	-----	26.0
981.842	23.80	20.10	H	2.12	-----	22.22	-----	54.0	-----	31.8
1000.05	52.87	44.72	H	-16.58	36.29	28.14	74.0	54.0	37.7	25.9
30.425	25.50	21.81	V	-7.91	-----	13.90	-----	40.0	-----	26.1
852.874	23.80	19.99	V	0.98	-----	20.97	-----	46.0	-----	25.0
979.176	23.80	19.75	V	2.09	-----	21.84	-----	54.0	-----	32.2
1360.94	52.68	46.13	V	-13.91	38.77	32.22	74.0	54.0	35.2	21.8