

## Appendix E: Band edge measurements

### Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.39	-30.37	≤-25.61	PASS
		High	2462	2.52	-48.67	≤-27.48	PASS
11G	Ant1	Low	2412	-6.17	-42.43	≤-36.17	PASS
		High	2462	-7.97	-48.61	≤-37.97	PASS
11N20SISO	Ant1	Low	2412	-6.03	-42.35	≤-36.03	PASS
		High	2462	-7.68	-48.45	≤-37.68	PASS
11N40SISO	Ant1	Low	2422	-9.57	-43.8	≤-39.57	PASS
		High	2452	-10.85	-46.76	≤-40.85	PASS

# Test Graphs





11G\_Ant1\_High\_2462



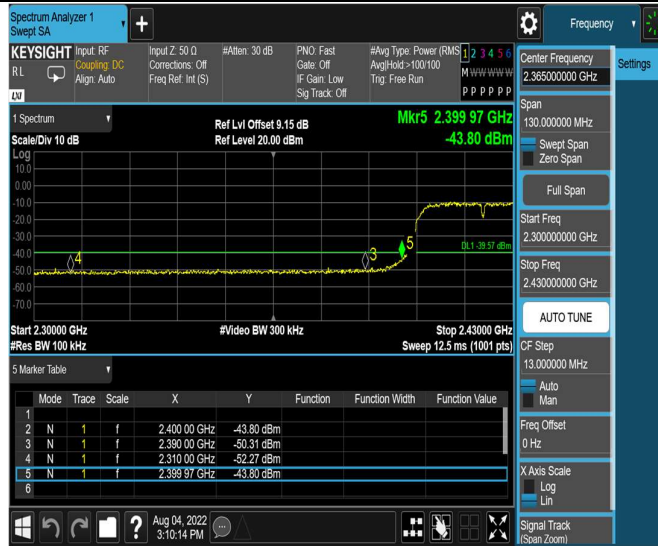
11N20SISO\_Ant1\_Low\_2412



### 11N20SISO\_Ant1\_High\_2462



### 11N40SISO\_Ant1\_Low\_2422



### 11N40SISO\_Ant1\_High\_2452



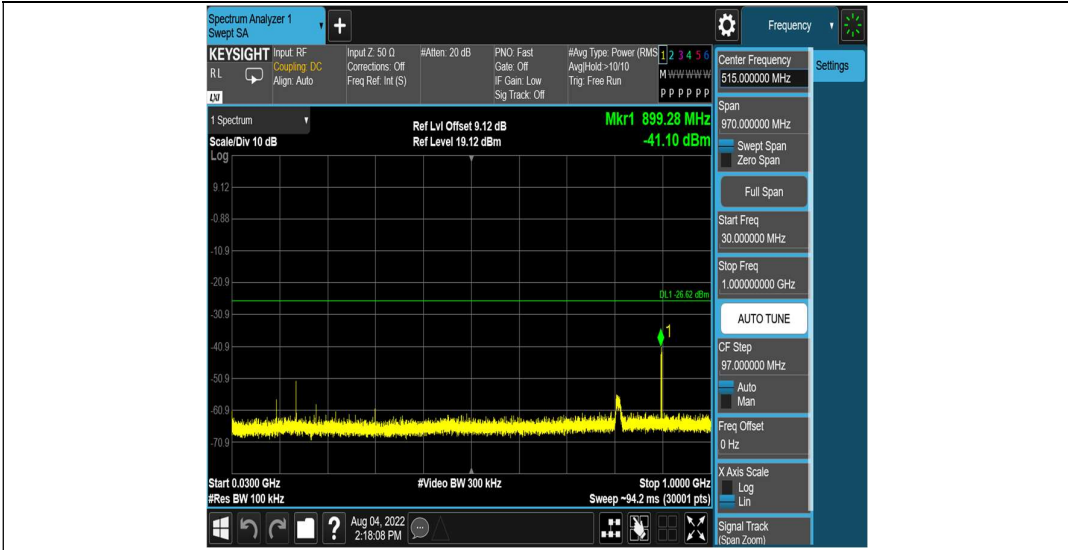
## Appendix F: Conducted Spurious Emission

### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	4.33	-51.48	≤-25.67	PASS
			1000~26500	4.33	-46.9	≤-25.67	PASS
		2437	30~1000	3.38	-41.1	≤-26.62	PASS
			1000~26500	3.38	-46.76	≤-26.62	PASS
		2462	30~1000	2.52	-45.52	≤-27.48	PASS
			1000~26500	2.52	-44.22	≤-27.48	PASS
11G	Ant1	2412	30~1000	-6.17	-51.01	≤-36.17	PASS
			1000~26500	-6.17	-53	≤-36.17	PASS
		2437	30~1000	-6.96	-50.91	≤-36.96	PASS
			1000~26500	-6.96	-52.95	≤-36.96	PASS
		2462	30~1000	-7.97	-50.97	≤-37.97	PASS
			1000~26500	-7.97	-52.8	≤-37.97	PASS
11N20SISO	Ant1	2412	30~1000	-6.03	-44.01	≤-36.03	PASS
			1000~26500	-6.03	-52.46	≤-36.03	PASS
		2437	30~1000	-6.88	-51.01	≤-36.88	PASS
			1000~26500	-6.88	-52.91	≤-36.88	PASS
		2462	30~1000	-7.68	-51.17	≤-37.68	PASS
			1000~26500	-7.68	-52.29	≤-37.68	PASS
11N40SISO	Ant1	2422	30~1000	-9.57	-41.72	≤-39.57	PASS
			1000~26500	-9.57	-52.46	≤-39.57	PASS
		2437	30~1000	-10.21	-51.08	≤-40.21	PASS
			1000~26500	-10.21	-51.99	≤-40.21	PASS
		2452	30~1000	-10.86	-50.96	≤-40.86	PASS
			1000~26500	-10.86	-52.84	≤-40.86	PASS

# Test Graphs

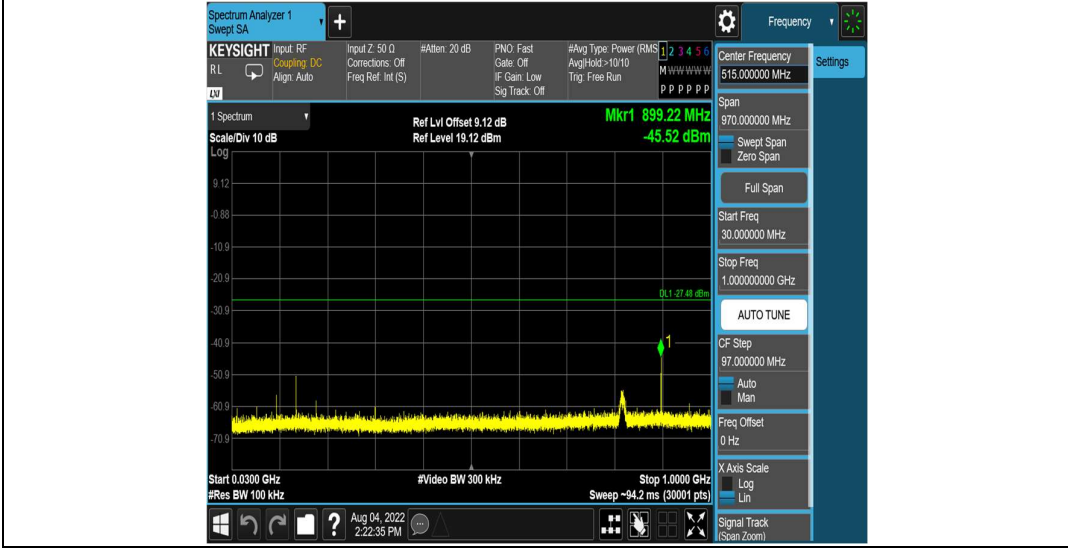




11B\_Ant1\_2437\_1000~26500



11B\_Ant1\_2462\_30~1000





11B\_Ant1\_2462\_1000~26500



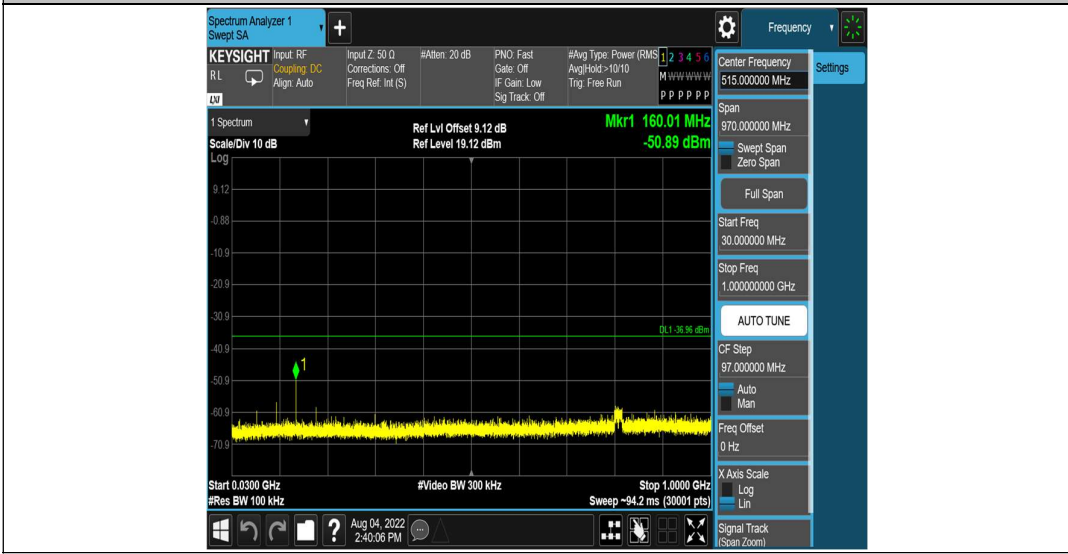
11G\_Ant1\_2412\_30~1000



11G\_Ant1\_2412\_1000~26500



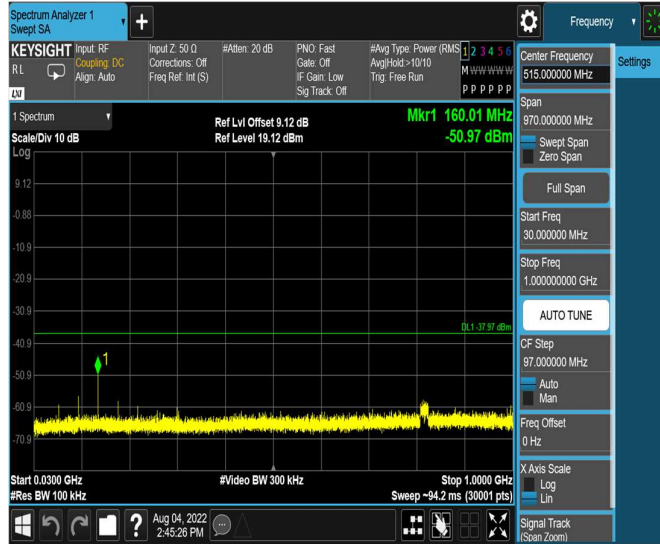
11G\_Ant1\_2437\_30~1000



11G\_Ant1\_2437\_1000~26500



11G\_Ant1\_2462\_30~1000



11G\_Ant1\_2462\_1000~26500



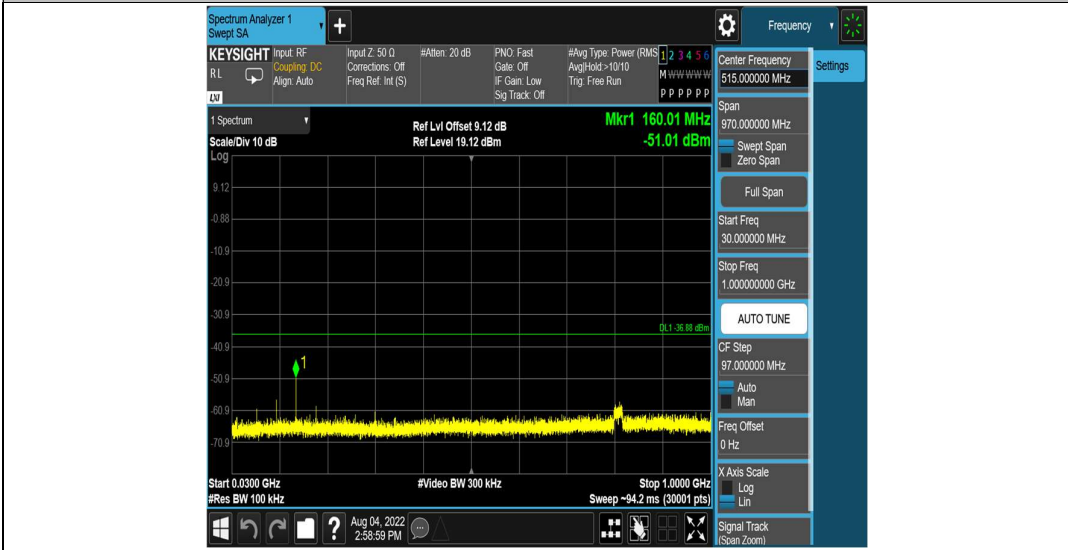
11N20SISO\_Ant1\_2412\_30~1000



11N20SISO\_Ant1\_2412\_1000~26500



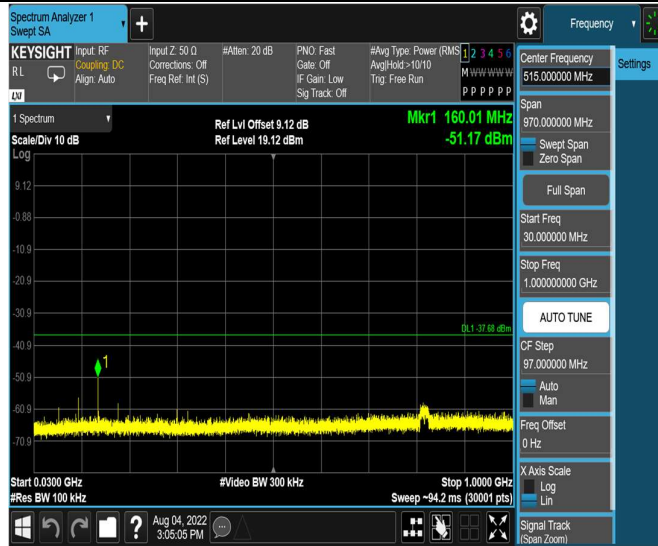
11N20SISO\_Ant1\_2437\_30~1000



11N20SISO\_Ant1\_2437\_1000~26500



11N20SISO\_Ant1\_2462\_30~1000



11N20SISO\_Ant1\_2462\_1000~26500



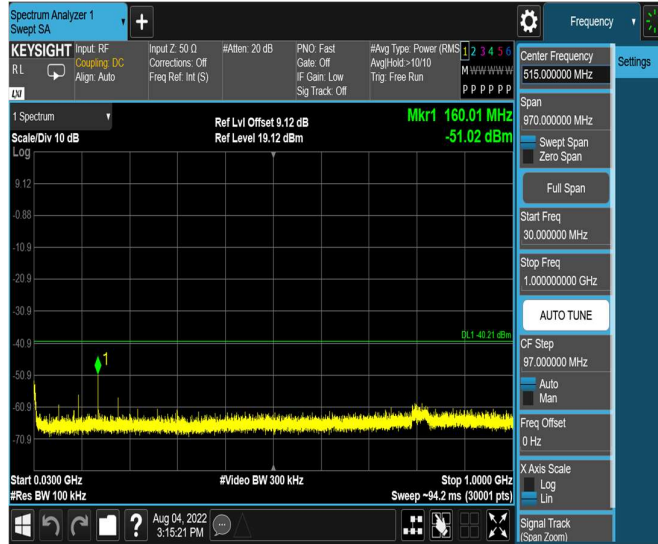
11N40SISO\_Ant1\_2422\_30~1000



11N40SISO\_Ant1\_2422\_1000~2650



11N40SISO\_Ant1\_2437\_30~1000

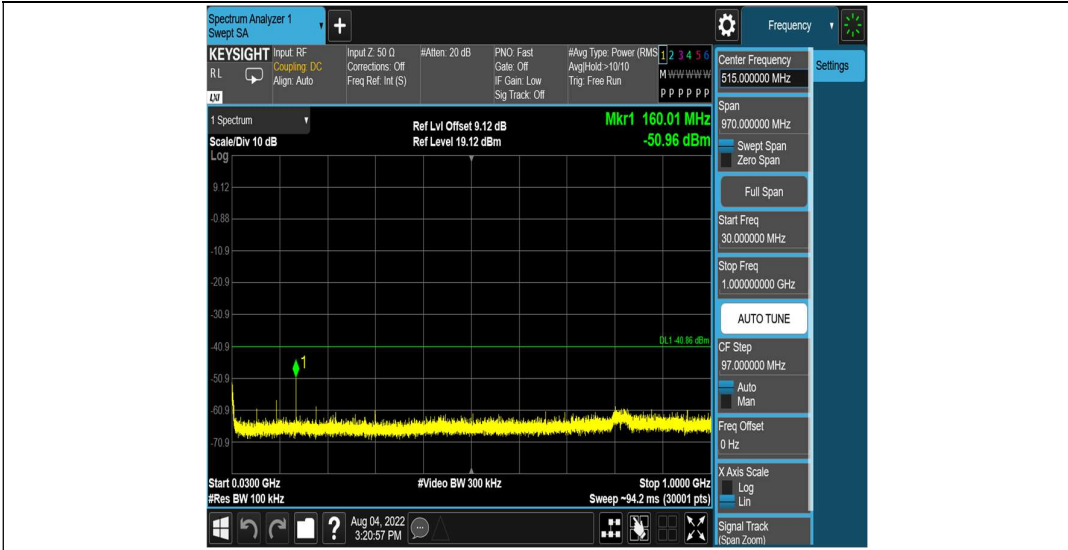


11N40SISO\_Ant1\_2437\_1000~26500



11N40SISO\_Ant1\_2452\_30~1000





11N40SISO\_Ant1\_2452\_1000~26500





## Appendix G: Duty Cycle

### Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	20.00	20.00	100.00
		2437	20.00	20.00	100.00
		2462	20.00	20.00	100.00
11G	Ant1	2412	20.00	20.00	100.00
		2437	20.00	20.00	100.00
		2462	20.00	20.00	100.00
11N20SISO	Ant1	2412	20.00	20.00	100.00
		2437	20.00	20.00	100.00
		2462	20.00	20.00	100.00
11N40SISO	Ant1	2422	20.00	20.00	100.00
		2437	20.00	20.00	100.00
		2452	20.00	20.00	100.00

# Test Graphs





11G\_Ant1\_2412



11G\_Ant1\_2437



11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



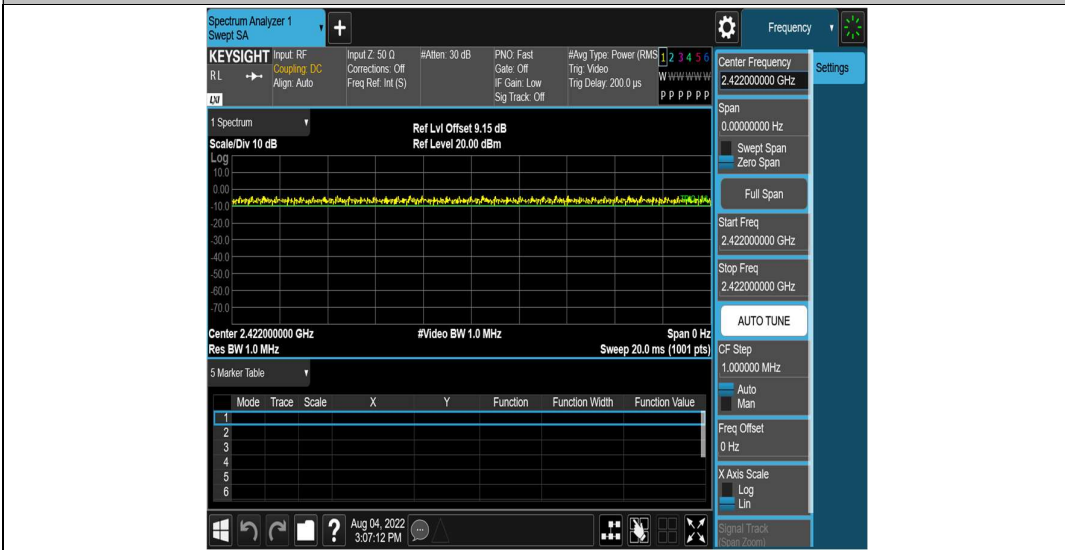
11N20SISO\_Ant1\_2437



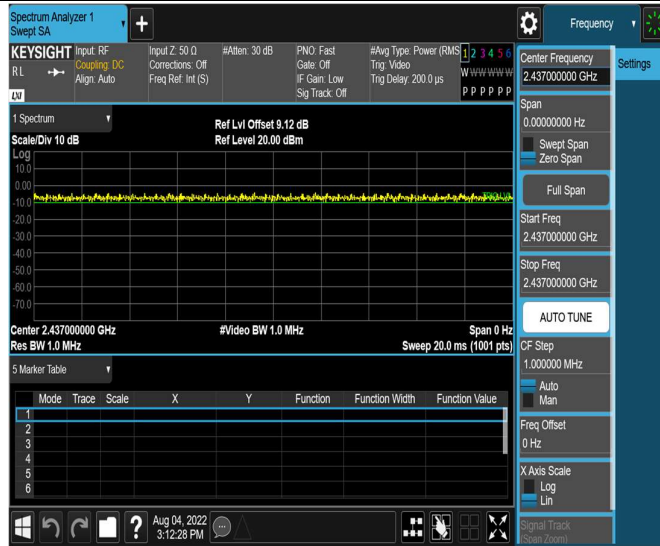
11N20SISO\_Ant1\_2462



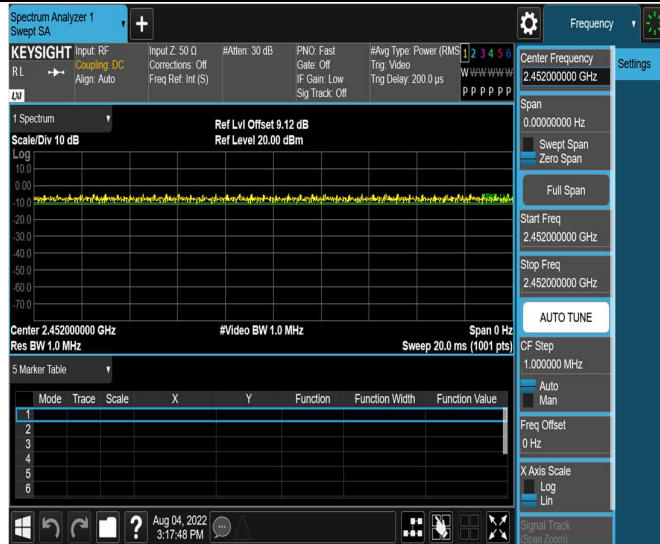
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



## Appendix H: Emissions in Restricted Bands

Mode:	B-2412
-------	--------

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Polarity	Verdict
1	2310.00	63.28	43.49	-19.79	74.00	30.51	Vertical	PASS
2	2323.05	66.58	46.81	-19.77	74.00	27.19	Vertical	PASS
3	2336.34	67.10	47.36	-19.74	74.00	26.64	Vertical	PASS
4	2365.09	64.84	45.93	-18.91	74.00	28.07	Vertical	PASS
5	2382.07	65.71	47.71	-18.00	74.00	26.29	Vertical	PASS
6	2390.00	62.69	45.12	-17.57	74.00	28.88	Vertical	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Polarity	Verdict
1	2310.00	62.40	42.61	-19.79	74.00	31.39	Horizontal	PASS
2	2321.13	64.51	44.74	-19.77	74.00	29.26	Horizontal	PASS
3	2338.42	64.53	44.79	-19.74	74.00	29.21	Horizontal	PASS
4	2354.44	64.80	45.32	-19.48	74.00	28.68	Horizontal	PASS
5	2368.61	64.67	45.95	-18.72	74.00	28.05	Horizontal	PASS
6	2390.00	62.70	45.13	-17.57	74.00	28.87	Horizontal	PASS

Mode:	B-2462
-------	--------

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Polarity	Verdict
1	2483.50	63.16	45.14	-18.02	74.00	28.86	Horizontal	PASS
2	2485.31	64.66	46.22	-18.44	74.00	27.78	Horizontal	PASS
3	2487.46	64.87	46.18	-18.69	74.00	27.82	Horizontal	PASS
4	2493.05	65.36	46.42	-18.94	74.00	27.58	Horizontal	PASS
5	2496.94	64.75	45.86	-18.89	74.00	28.14	Horizontal	PASS
6	2500.00	62.35	43.50	-18.85	74.00	30.50	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Polarity	Verdict
1	2483.50	63.21	45.19	-18.02	74.00	28.81	Vertical	PASS
2	2486.22	64.17	45.63	-18.54	74.00	28.37	Vertical	PASS
3	2489.11	64.61	45.74	-18.87	74.00	28.26	Vertical	PASS
4	2494.78	64.46	45.54	-18.92	74.00	28.46	Vertical	PASS
5	2496.98	64.76	45.87	-18.89	74.00	28.13	Vertical	PASS
6	2500.00	63.57	44.72	-18.85	74.00	29.28	Vertical	PASS



Mode:	G-2412
-------	--------

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Polarity	Verdict
1	2310.00	62.10	42.31	-19.79	74.00	31.69	Horizontal	PASS
2	2321.29	64.02	44.25	-19.77	74.00	29.75	Horizontal	PASS
3	2334.18	64.65	44.90	-19.75	74.00	29.10	Horizontal	PASS
4	2346.67	64.34	44.61	-19.73	74.00	29.39	Horizontal	PASS
5	2374.70	63.88	45.49	-18.39	74.00	28.51	Horizontal	PASS
6	2390.00	63.25	45.68	-17.57	74.00	28.32	Horizontal	PASS

PK Final Data List								
NO.	Freq. [MHz]	PK Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Factor [dB/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Polarity	Verdict
1	2310.00	63.61	43.82	-19.79	74.00	30.18	Vertical	PASS
2	2327.21	64.94	45.18	-19.76	74.00	28.82	Vertical	PASS
3	2342.75	64.59	44.86	-19.73	74.00	29.14	Vertical	PASS
4	2368.05	64.71	45.96	-18.75	74.00	28.04	Vertical	PASS
5	2377.26	64.85	46.59	-18.26	74.00	27.41	Vertical	PASS
6	2390.00	63.43	45.86	-17.57	74.00	28.14	Vertical	PASS