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**Test Band = UL CA Band 4A-5A\_ TM1**

**Test Channel = Low Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.18	41.19	-94.97	-53.78	-13.00	40.78	263	26	Horizontal
2	2473.77	42.49	-91.42	-48.93	-13.00	35.93	251	151	Horizontal
3	3298.36	50.21	-111.65	-61.44	-13.00	48.44	175	359	Horizontal
4	3422.18	53.94	-111.71	-57.77	-13.00	44.77	265	192	Horizontal
5	5133.27	50.09	-106.90	-56.81	-13.00	43.81	284	360	Horizontal
6	6844.36	48.01	-101.87	-53.86	-13.00	40.86	179	308	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.18	40.26	-94.97	-54.71	-13.00	41.71	214	0	Vertical
2	2473.77	41.46	-91.42	-49.96	-13.00	36.96	265	34	Vertical
3	3298.36	50.31	-111.65	-61.34	-13.00	48.34	284	3	Vertical
4	3422.18	52.92	-111.71	-58.79	-13.00	45.79	175	355	Vertical
5	5133.27	49.95	-106.90	-56.95	-13.00	43.95	265	15	Vertical
6	6844.36	48.14	-101.87	-53.73	-13.00	40.73	214	338	Vertical

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**Test Band = UL CA Band 4A-5A\_ TM1**

**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	42.63	-94.93	-52.30	-13.00	39.30	210	121	Horizontal
2	2496.27	40.74	-91.26	-50.52	-13.00	37.52	162	9	Horizontal
3	3328.36	50.81	-111.69	-60.88	-13.00	47.88	284	32	Horizontal
4	3447.18	53.40	-111.65	-58.25	-13.00	45.25	176	182	Horizontal
5	5170.77	48.92	-106.85	-57.93	-13.00	44.93	251	49	Horizontal
6	6894.36	48.06	-101.71	-53.65	-13.00	40.65	173	49	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	41.52	-94.93	-53.41	-13.00	40.41	210	300	Vertical
2	2496.27	40.79	-91.26	-50.47	-13.00	37.47	141	288	Vertical
3	3328.36	51.57	-111.69	-60.12	-13.00	47.12	172	130	Vertical
4	3447	55.35	-111.66	-56.31	-13.00	43.31	262	261	Vertical
5	5170.77	48.72	-106.85	-58.13	-13.00	45.13	284	3	Vertical
6	6894.36	48.52	-101.71	-53.19	-13.00	40.19	178	163	Vertical

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**Test Band = UL CA Band 4A-5A\_ TM1**

**Test Channel = High Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	42.04	-94.89	-52.85	-13.00	39.85	263	11	Horizontal
2	2518.77	40.51	-91.20	-50.69	-13.00	37.69	241	121	Horizontal
3	3358.36	49.65	-111.71	-62.06	-13.00	49.06	175	148	Horizontal
4	3472.18	53.37	-111.61	-58.24	-13.00	45.24	286	327	Horizontal
5	5208.27	51.87	-106.80	-54.93	-13.00	41.93	241	165	Horizontal
6	6944.36	47.53	-101.67	-54.14	-13.00	41.14	178	327	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	40.67	-94.89	-54.22	-13.00	41.22	263	340	Vertical
2	2518.77	40.83	-91.20	-50.37	-13.00	37.37	244	246	Vertical
3	3358.36	50.83	-111.71	-60.88	-13.00	47.88	177	16	Vertical
4	3472.18	53.82	-111.61	-57.79	-13.00	44.79	255	32	Vertical
5	5208.27	50.25	-106.80	-56.55	-13.00	43.55	265	49	Vertical
6	6944.36	49.50	-101.67	-52.17	-13.00	39.17	173	165	Vertical

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## Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage						Verdict
					Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)		
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	0.00	0.000000	±2.5	PASS	
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	0.20	0.000239	±2.5	PASS	
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	1.50	0.001793	±2.5	PASS	

Band	Bandwidth	Modulation	Channel	RB Configure	Temperature						Verdict
					Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)		
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	1.30	0.001554	±2.5	PASS	
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-1.00	-0.001195	±2.5	PASS	
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	0.10	0.000120	±2.5	PASS	
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-0.30	-0.000359	±2.5	PASS	
Band5	10MHz	QPSK	20525	50RB#0	NV	10	0.30	0.000359	±2.5	PASS	
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-0.50	-0.000598	±2.5	PASS	
Band5	10MHz	QPSK	20525	50RB#0	NV	30	1.40	0.001674	±2.5	PASS	
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-0.40	-0.000478	±2.5	PASS	
Band5	10MHz	QPSK	20525	50RB#0	NV	50	0.10	0.000120	±2.5	PASS	

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