

Field Strength of Spurious Radiation

Test Band = UL CA Band 41C_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4994.18	53.61	-107.61	-54.00	-25.00	29.00	251	163	Horizontal
2	7491.27	57.94	-100.40	-42.46	-25.00	17.46	142	221	Horizontal
3	9988.36	45.17	-93.92	-48.75	-25.00	23.75	275	198	Horizontal
4	12485.45	43.85	-91.43	-47.58	-25.00	22.58	265	359	Horizontal
5	14982.54	43.39	-90.03	-46.64	-25.00	21.64	284	3	Horizontal
6	17479.63	39.93	-86.64	-46.71	-25.00	21.71	177	46	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4994.18	53.35	-107.61	-54.26	-25.00	29.26	263	357	Vertical
2	7491.27	51.33	-100.40	-49.07	-25.00	24.07	320	330	Vertical
3	9988.36	45.54	-93.92	-48.38	-25.00	23.38	142	360	Vertical
4	12485.45	43.46	-91.43	-47.97	-25.00	22.97	265	11	Vertical
5	14982.54	42.35	-90.03	-47.68	-25.00	22.68	284	284	Vertical
6	17479.63	39.38	-86.64	-47.26	-25.00	22.26	177	275	Vertical



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Test Band = UL CA Band 41C_TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.38	50.40	-106.88	-56.48	-25.00	31.48	263	70	Horizontal
2	7722.57	49.28	-99.48	-50.20	-25.00	25.20	251	360	Horizontal
3	10296.76	45.02	-93.26	-48.24	-25.00	23.24	175	321	Horizontal
4	12870.95	43.52	-90.71	-47.19	-25.00	22.19	265	23	Horizontal
5	15445.14	41.10	-90.65	-49.55	-25.00	24.55	284	160	Horizontal
6	17845.7143	42.38	-84.20	-41.82	-25.00	16.82	175	70	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.38	50.34	-106.88	-56.54	-25.00	31.54	262	359	Vertical
2	7722.57	49.65	-99.48	-49.83	-25.00	24.83	241	310	Vertical
3	10296.76	43.33	-93.26	-49.93	-25.00	24.93	175	356	Vertical
4	12870.95	44.89	-90.71	-45.82	-25.00	20.82	265	12	Vertical
5	15445.14	40.55	-90.65	-50.10	-25.00	25.10	284	289	Vertical
6	17948.5714	42.63	-84.11	-41.48	-25.00	16.48	148	231	Vertical



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Test Band = UL CA Band 41C_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5302.58	52.21	-106.68	-54.47	-25.00	29.47	400	344	Horizontal
2	7953.87	46.55	-98.37	-51.82	-25.00	26.82	100	289	Horizontal
3	10605.16	43.57	-92.22	-48.65	-25.00	23.65	174	173	Horizontal
4	13256.45	44.47	-90.56	-46.09	-25.00	21.09	186	46	Horizontal
5	15907.54	42.39	-90.95	-48.56	-25.00	23.56	262	3	Horizontal
6	17858.5714	42.57	-84.18	-41.61	-25.00	16.61	251	325	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5302.58	52.03	-106.68	-54.65	-25.00	29.65	263	358	Vertical
2	7953.87	47.12	-98.37	-51.25	-25.00	26.25	241	173	Vertical
3	10605.16	45.56	-92.22	-46.66	-25.00	21.66	176	254	Vertical
4	13256.45	44.70	-90.56	-45.86	-25.00	20.86	251	3	Vertical
5	15907.54	42.84	-90.95	-48.11	-25.00	23.11	142	3	Vertical
6	17961.4286	42.27	-84.10	-41.83	-25.00	16.83	262	104	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VH	NT	35.80	0.013859	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VL	NT	46.70	0.018079	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VN	NT	38.60	0.014943	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	50	41.00	0.015872	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	40	36.50	0.014130	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	30	44.80	0.017344	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	20	28.30	0.010956	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	10	29.60	0.011459	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	0	43.40	0.016802	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-10	39.10	0.015137	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-20	33.30	0.012891	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-30	36.60	0.014169	PASS



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Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	VH	NT	25.60	0.013534	PASS
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	VL	NT	32.30	0.018125	PASS
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	VN	NT	33.10	0.014687	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	NV	50	32.50	0.015896	PASS
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	NV	40	22.50	0.014157	PASS
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	NV	30	24.60	0.017365	PASS
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	NV	20	31.30	0.010254	PASS
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	NV	10	24.60	0.011631	PASS
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	NV	0	22.80	0.016876	PASS
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	NV	-10	36.50	0.015126	PASS
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	NV	-20	33.40	0.012586	PASS
41-41	20MHz-10MHz	QPSK -QPSK	40571-40715	100RB#0-100RB#0	NV	-30	26.30	0.014239	PASS

---End of Attachment---



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