



Report No.: SUAR/2021/C000301

Rev.: 01

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# Appendix



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## Field Strength of Spurious Radiation

Test Band = 4A\_7A\_TM1 ANT 2

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	3422.18	50.10	-111.70	-61.60	-25.00	36.60	162	10	Horizontal
2	5002.18	49.06	-107.58	-58.52	-25.00	33.52	142	78	Horizontal
3	5133.27	52.18	-106.90	-54.72	-25.00	29.72	215	360	Horizontal
4	6844.36	48.54	-101.87	-53.33	-25.00	28.33	298	346	Horizontal
5	7503.27	60.17	-100.34	-40.17	-25.00	15.17	185	359	Horizontal
6	10004.36	45.43	-93.89	-48.46	-25.00	23.46	212	290	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.18	50.09	-111.70	-61.61	-25.00	36.61	165	271	Vertical
2	5002.18	48.95	-107.58	-58.63	-25.00	33.63	186	354	Vertical
3	5133.27	49.67	-106.90	-57.23	-25.00	32.23	214	127	Vertical
4	6844.36	47.98	-101.87	-53.89	-25.00	28.89	218	360	Vertical
5	7503.27	59.60	-100.34	-40.74	-25.00	15.74	221	359	Vertical
6	10004.36	43.37	-93.89	-50.52	-25.00	25.52	185	3	Vertical



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**Test Band =4A\_7A\_ TM1 ANT 2**

**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	3447.18	50.22	-111.65	-61.43	-25.00	36.43	196	165	Horizontal
2	5052.18	48.60	-107.26	-58.66	-25.00	33.66	215	105	Horizontal
3	5170.77	49.48	-106.85	-57.37	-25.00	32.37	182	281	Horizontal
4	6894.36	47.23	-101.70	-54.47	-25.00	29.47	135	257	Horizontal
5	7578.27	51.01	-99.93	-48.92	-25.00	23.92	219	34	Horizontal
6	10104.36	43.66	-93.44	-49.78	-25.00	24.78	102	165	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.18	50.01	-111.65	-61.64	-25.00	36.64	163	346	Vertical
2	5052.18	49.22	-107.26	-58.04	-25.00	33.04	195	280	Vertical
3	5170.77	49.03	-106.85	-57.82	-25.00	32.82	215	243	Vertical
4	6894.36	48.90	-101.70	-52.80	-25.00	27.80	218	126	Vertical
5	7578.27	60.22	-99.93	-39.71	-25.00	14.71	219	22	Vertical
6	10104.36	44.38	-93.44	-49.06	-25.00	24.06	200	150	Vertical



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**Test Band =4A\_7A\_ TM1 ANT 2**  
**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	3472.18	49.61	-111.60	-61.99	-25.00	36.99	126	142	Horizontal
2	5102.18	48.42	-106.94	-58.52	-25.00	33.52	185	348	Horizontal
3	5208.27	49.80	-106.80	-57.00	-25.00	32.00	196	360	Horizontal
4	6944.36	47.19	-101.67	-54.48	-25.00	29.48	216	222	Horizontal
5	7653.27	65.99	-99.75	-33.76	-25.00	8.76	102	304	Horizontal
6	10204.36	42.77	-93.10	-50.33	-25.00	25.33	182	118	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.18	50.17	-111.60	-61.43	-25.00	36.43	162	319	Vertical
2	5102.18	48.92	-106.94	-58.02	-25.00	33.02	196	93	Vertical
3	5208.27	56.92	-106.80	-49.88	-25.00	24.88	102	358	Vertical
4	6944.36	47.89	-101.67	-53.78	-25.00	28.78	152	3	Vertical
5	7653.27	60.69	-99.75	-39.06	-25.00	14.06	265	59	Vertical
6	10204.36	43.54	-93.10	-49.56	-25.00	24.56	185	360	Vertical

Remark: all the antenna were tested, but only showed the worst case in this report.

The End



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