

Report No.: SUZR/2022/1002201

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Field Strength of Spurious Radiation

Test Band = _LTE Band66 TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	71.96	-112.09	-40.13	-13.00	27.13	128	57	Horizontal
2	5133.75	64.55	-107.65	-43.10	-13.00	30.10	142	76	Horizontal
3	6844.5	57.24	-103.51	-46.27	-13.00	33.27	133	258	Horizontal
4	8555.25	52.28	-99.06	-46.78	-13.00	33.78	269	35	Horizontal
5	11977.5	48.98	-93.83	-44.85	-13.00	31.85	172	142	Horizontal
6	13689	44.55	-91.35	-46.80	-13.00	33.80	201	35	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	69.49	-112.09	-42.60	-13.00	29.60	258	281	Vertical
2	5133	68.20	-107.65	-39.45	-13.00	26.45	164	77	Vertical
3	6844.5	56.39	-103.51	-47.12	-13.00	34.12	158	281	Vertical
4	8555.25	51.93	-99.06	-47.13	-13.00	34.13	190	34	Vertical
5	11978.25	48.81	-93.83	-45.02	-13.00	32.02	214	142	Vertical
6	13689	44.67	-91.35	-46.68	-13.00	33.68	222	292	Vertical



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Test Band = _LTE Band66 TM1

Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.5	69.63	-112.03	-42.40	-13.00	29.40	145	280	Horizontal
2	5208	61.45	-107.54	-46.09	-13.00	33.09	166	88	Horizontal
3	6944.25	60.27	-103.10	-42.83	-13.00	29.83	196	257	Horizontal
4	8680.5	51.87	-99.00	-47.13	-13.00	34.13	238	268	Horizontal
5	10362.5400	42.22	-95.45	-53.23	-13.00	40.23	172	342	Horizontal
6	12152.25	53.53	-93.59	-40.06	-13.00	27.06	201	141	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3471.75	68.84	-112.03	-43.19	-13.00	30.19	284	281	Vertical
2	5208	61.39	-107.54	-46.15	-13.00	33.15	196	77	Vertical
3	6944.25	59.76	-103.10	-43.34	-13.00	30.34	172	259	Vertical
4	8680.5	53.69	-99.00	-45.31	-13.00	32.31	213	34	Vertical
5	10362.5400	43.60	-95.45	-51.85	-13.00	38.85	206	359	Vertical
6	12152.25	52.44	-93.59	-41.15	-13.00	28.15	266	24	Vertical



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Test Band = _LTE Band66 TM1

Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	72.26	-111.95	-39.69	-13.00	26.69	128	88	Horizontal
2	5283	56.65	-107.47	-50.82	-13.00	37.82	104	68	Horizontal
3	7044	53.47	-102.91	-49.44	-13.00	36.44	166	257	Horizontal
4	8805	49.62	-98.43	-48.81	-13.00	35.81	235	46	Horizontal
5	10512.5400	42.69	-95.05	-52.36	-13.00	39.36	170	153	Horizontal
6	12328.5	46.45	-93.62	-47.17	-13.00	34.17	201	33	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	68.25	-111.95	-43.70	-13.00	30.70	255	247	Vertical
2	5283.75	58.46	-107.47	-49.01	-13.00	36.01	184	289	Vertical
3	7044.75	53.38	-102.91	-49.53	-13.00	36.53	222	14	Vertical
4	8805.75	51.49	-98.43	-46.94	-13.00	33.94	237	14	Vertical
5	10512.5400	42.50	-95.05	-52.55	-13.00	39.55	194	236	Vertical
6	12327	46.50	-93.62	-47.12	-13.00	34.12	177	56	Vertical



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Test Band = _UL CA 12A_66A TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1399.1800	71.14	-95.56	-24.42	-13.00	11.42	154	0	Horizontal
2	2098.6667	64.61	-93.06	-28.45	-13.00	15.45	233	158	Horizontal
3	2798.3600	60.08	-90.35	-30.27	-13.00	17.27	266	32	Horizontal
4	3422.25	58.14	-112.09	-53.95	-13.00	40.95	189	279	Horizontal
5	5106.2700	48.74	-107.69	-58.95	-13.00	45.95	145	129	Horizontal
6	6844.5	57.47	-103.51	-46.04	-13.00	33.04	201	268	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1399.1800	56.03	-95.56	-39.53	-13.00	26.53	148	224	Vertical
2	2098.6667	47.66	-93.06	-45.40	-13.00	32.40	169	217	Vertical
3	2798.3600	49.63	-90.35	-40.72	-13.00	27.72	142	320	Vertical
4	3422.25	64.70	-112.09	-47.39	-13.00	34.39	188	35	Vertical
5	5133	59.13	-107.65	-48.52	-13.00	35.52	172	313	Vertical
6	6844.5	62.64	-103.51	-40.87	-13.00	27.87	201	185	Vertical



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Test Band = _UL CA 12A_66A TM1

Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	69.33	-95.55	-26.22	-13.00	13.22	184	155	Horizontal
2	2109.2700	62.89	-92.99	-30.10	-13.00	17.10	165	156	Horizontal
3	2812.3600	60.33	-90.25	-29.92	-13.00	16.92	172	66	Horizontal
4	3472.5	61.63	-112.03	-50.40	-13.00	37.40	199	282	Horizontal
5	5208	53.38	-107.54	-54.16	-13.00	41.16	233	301	Horizontal
6	6944.25	58.87	-103.10	-44.23	-13.00	31.23	268	248	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	56.54	-95.55	-39.01	-13.00	26.01	184	188	Vertical
2	2109.2700	50.08	-92.99	-42.91	-13.00	29.91	196	122	Vertical
3	2812.3600	47.99	-90.25	-42.26	-13.00	29.26	254	129	Vertical
4	3472.5	65.33	-112.03	-46.70	-13.00	33.70	173	357	Vertical
5	5208	63.23	-107.54	-44.31	-13.00	31.31	201	313	Vertical
6	6944.25	66.51	-103.10	-36.59	-13.00	23.59	266	206	Vertical



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Test Band = _UL CA 12A_66A TM1

Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	71.25	-95.55	-24.30	-13.00	11.30	148	137	Horizontal
2	2119.7700	63.37	-92.93	-29.56	-13.00	16.56	165	344	Horizontal
3	2826.3600	57.79	-90.15	-32.36	-13.00	19.36	172	70	Horizontal
4	3533.25	73.01	-111.93	-38.92	-13.00	25.92	233	154	Horizontal
5	5283	53.34	-107.47	-54.13	-13.00	41.13	201	89	Horizontal
6	7044.75	51.88	-102.91	-51.03	-13.00	38.03	169	290	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	58.06	-95.55	-37.49	-13.00	24.49	158	120	Vertical
2	2119.7700	49.19	-92.93	-43.74	-13.00	30.74	196	306	Vertical
3	2826.3600	49.57	-90.15	-40.58	-13.00	27.58	148	2	Vertical
4	3533.25	66.39	-111.93	-45.54	-13.00	32.54	172	3	Vertical
5	5283	59.05	-107.47	-48.42	-13.00	35.42	256	311	Vertical
6	7044.75	59.50	-102.91	-43.41	-13.00	30.41	201	226	Vertical



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Test Band = _UL CA 13A_66A TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.1800	69.23	-95.54	-26.31	-13.00	13.31	258	0	Horizontal
2	2332.6667	60.94	-92.17	-31.23	-13.00	18.23	147	199	Horizontal
3	3110.25	66.85	-111.95	-45.10	-13.00	32.10	159	162	Horizontal
4	3422.25	63.55	-112.09	-48.54	-13.00	35.54	236	281	Horizontal
5	5133	52.90	-107.65	-54.75	-13.00	41.75	254	88	Horizontal
6	6844.5	56.27	-103.51	-47.24	-13.00	34.24	189	281	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.1800	52.31	-95.54	-43.23	-13.00	30.23	201	328	Vertical
2	2332.6667	47.96	-92.17	-44.21	-13.00	31.21	237	148	Vertical
3	3110.25	59.84	-111.95	-52.11	-13.00	39.11	145	356	Vertical
4	3422.25	65.88	-112.09	-46.21	-13.00	33.21	166	4	Vertical
5	5133	53.75	-107.65	-53.90	-13.00	40.90	201	323	Vertical
6	6844.5	66.28	-103.51	-37.23	-13.00	24.23	199	162	Vertical



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Test Band = _UL CA13A_66A TM1

Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.1800	68.68	-95.54	-26.86	-13.00	13.86	254	44	Horizontal
2	2332.6667	61.20	-92.17	-30.97	-13.00	17.97	115	156	Horizontal
3	3110.25	66.29	-111.95	-45.66	-13.00	32.66	248	132	Horizontal
4	3472.5	65.83	-112.03	-46.20	-13.00	33.20	175	260	Horizontal
5	5208	55.73	-107.54	-51.81	-13.00	38.81	196	24	Horizontal
6	6944.25	54.57	-103.10	-48.53	-13.00	35.53	237	249	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.1800	50.18	-95.54	-45.36	-13.00	32.36	258	89	Vertical
2	2332.6667	47.97	-92.17	-44.20	-13.00	31.20	145	180	Vertical
3	3110.3600	58.47	-111.95	-53.48	-13.00	40.48	233	140	Vertical
4	3472.5	64.94	-112.03	-47.09	-13.00	34.09	203	194	Vertical
5	5208	58.42	-107.54	-49.12	-13.00	36.12	269	311	Vertical
6	6944.25	63.58	-103.10	-39.52	-13.00	26.52	180	214	Vertical



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Test Band = _UL CA 13A_66A TM1

Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.1800	67.21	-95.54	-28.33	-13.00	15.33	120	357	Horizontal
2	2332.6667	61.78	-92.17	-30.39	-13.00	17.39	254	164	Horizontal
3	3110.25	68.00	-111.95	-43.95	-13.00	30.95	126	152	Horizontal
4	3522	60.43	-111.95	-51.52	-13.00	38.52	148	290	Horizontal
5	5283	54.15	-107.47	-53.32	-13.00	40.32	177	110	Horizontal
6	7044.75	50.06	-102.91	-52.85	-13.00	39.85	139	268	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.1800	47.74	-95.54	-47.80	-13.00	34.80	301	350	Vertical
2	2332.6667	46.56	-92.17	-45.61	-13.00	32.61	122	172	Vertical
3	3110.25	58.20	-111.95	-53.75	-13.00	40.75	143	174	Vertical
4	3522.75	63.81	-111.95	-48.14	-13.00	35.14	206	217	Vertical
5	5283	55.66	-107.47	-51.81	-13.00	38.81	198	322	Vertical
6	7044.75	62.26	-102.91	-40.65	-13.00	27.65	174	174	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-1.90	-0.001089	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-1.00	-0.000573	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-1.00	-0.000573	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-1.20	-0.000688	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-1.30	-0.000745	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.90	-0.000516	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	0.20	0.000115	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	1.40	0.000802	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	0.40	0.000229	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-1.20	-0.000688	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-0.10	-0.000057	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	0.10	0.000057	PASS

The End



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