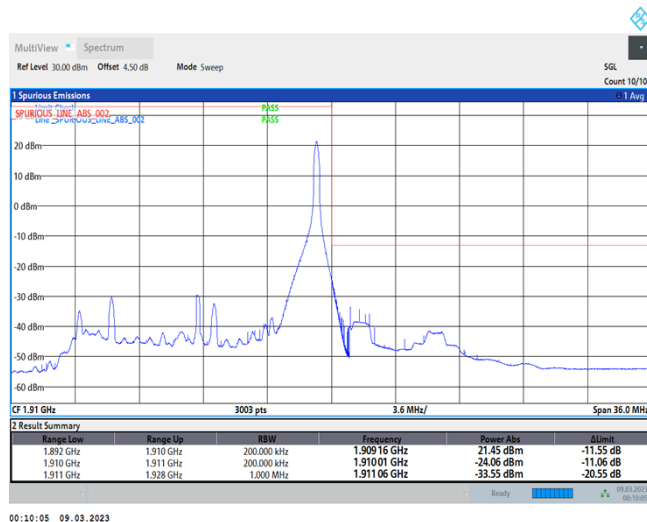
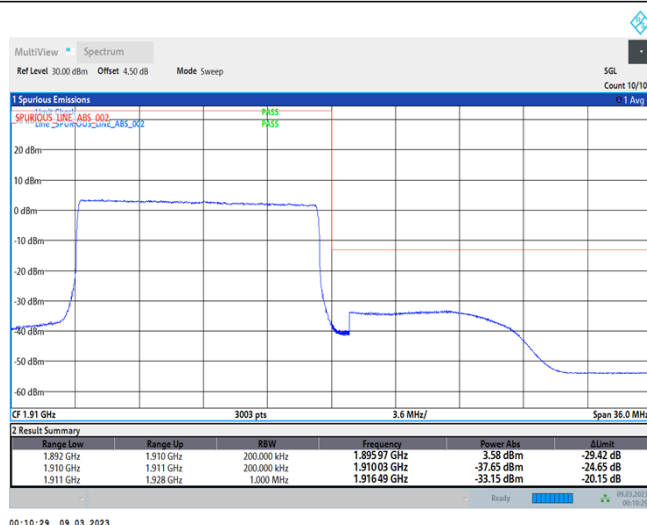


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Band2-15MHz-QPSK-19125-1RB#74



Band2-15MHz-QPSK-19125-75RB#0



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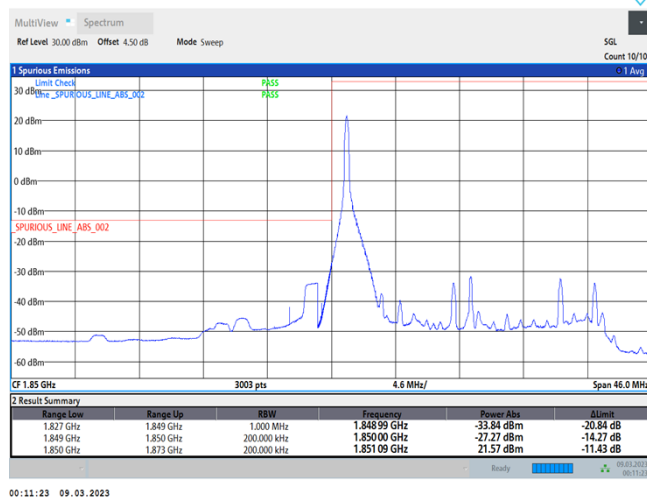
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Band2-20MHz-QPSK-18700-1RB#0



Band2-20MHz-QPSK-18700-100RB#0



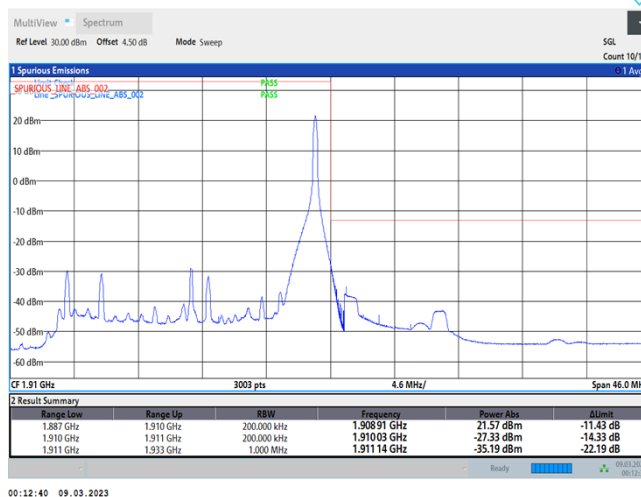
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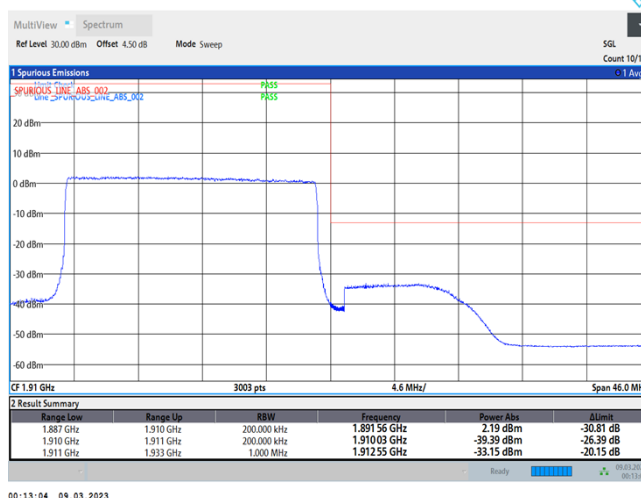
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Band2-20MHz-QPSK-19100-1RB#99



Band2-20MHz-QPSK-19100-100RB#0



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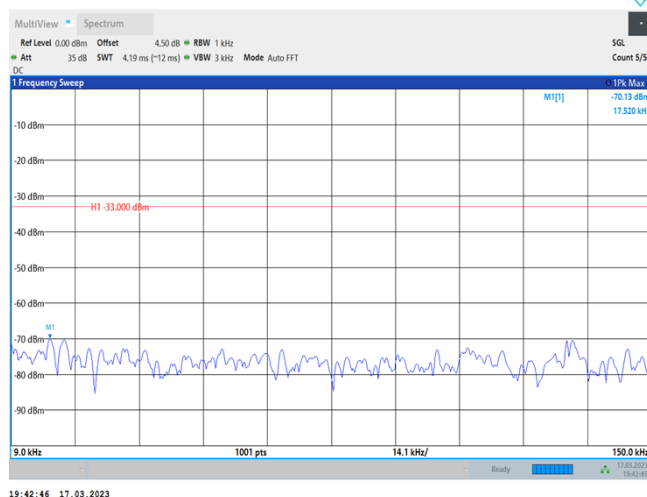
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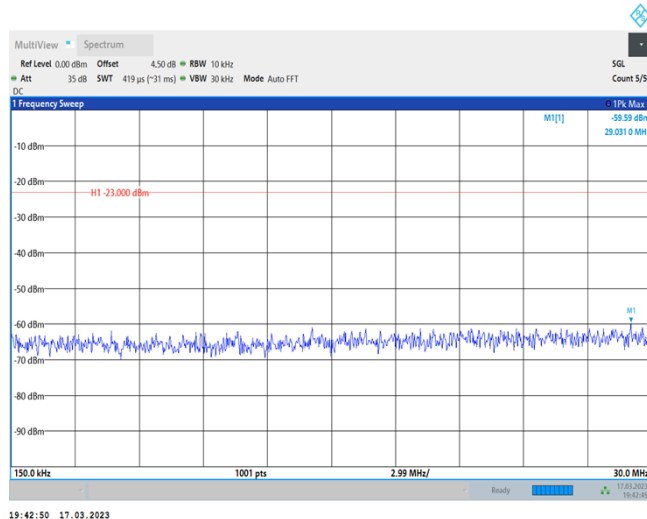
Conducted Spurious Emission

Test Graphs

Band2-20MHz-QPSK-18700-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-18700-1RB#0-Range2:0.15~30MHz



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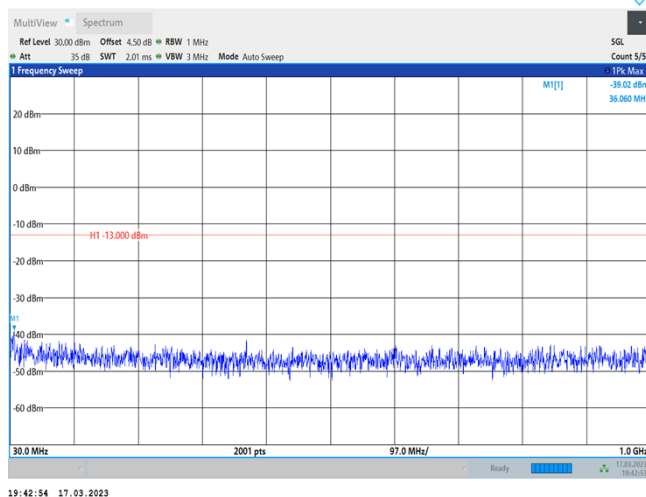
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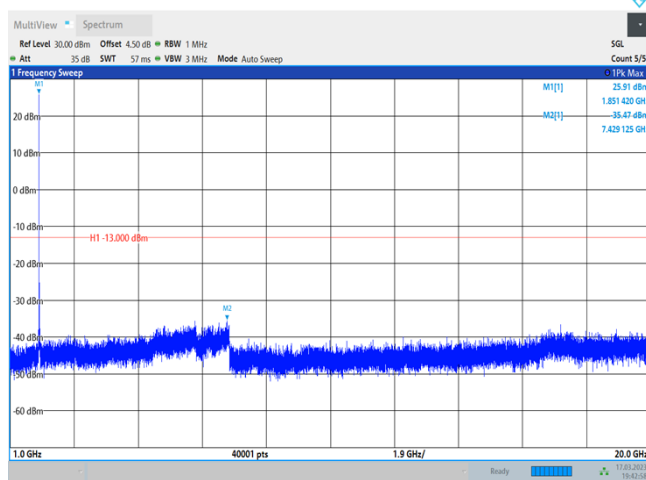
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



19:42:54 17.03.2023

Band2-20MHz-QPSK-18700-1RB#0-Range4:1000~20000MHz



19:42:58 17.03.2023



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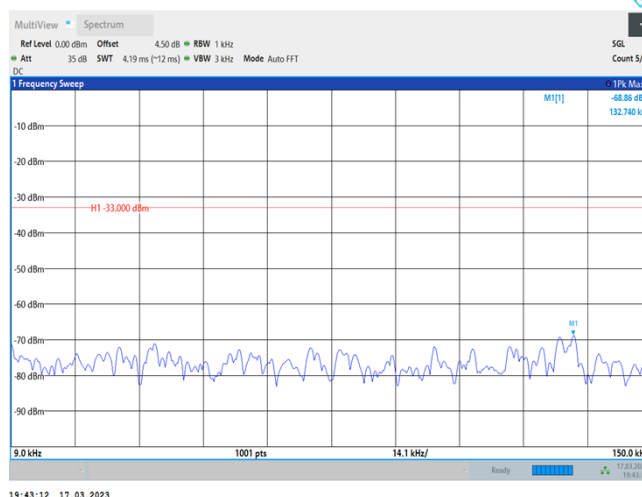
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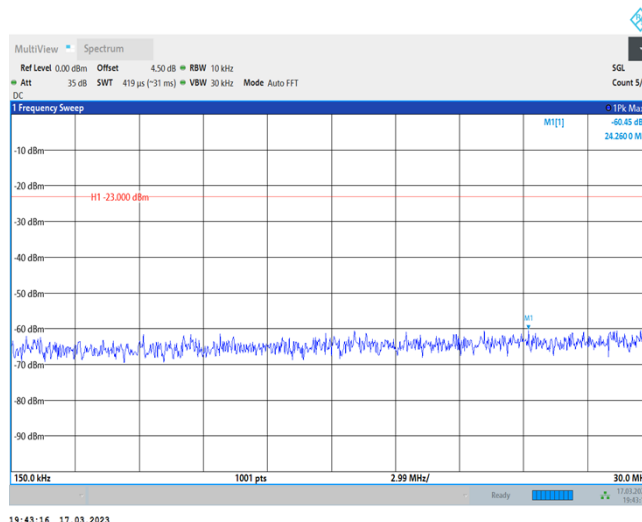
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-18900-1RB#0-Range2:0.15~30MHz



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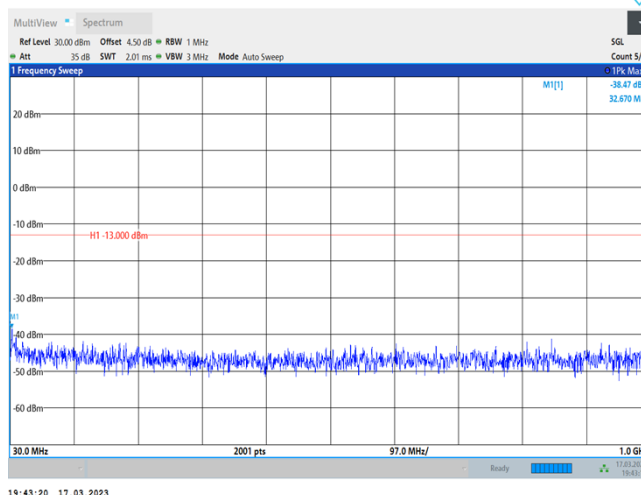
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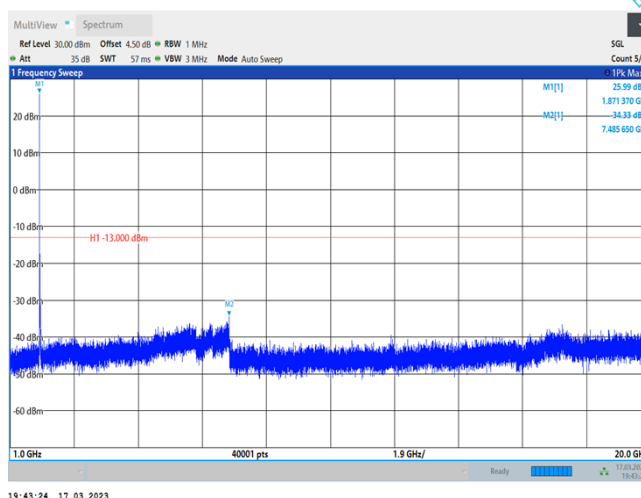
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



Band2-20MHz-QPSK-18900-1RB#0-Range4:1000~20000MHz



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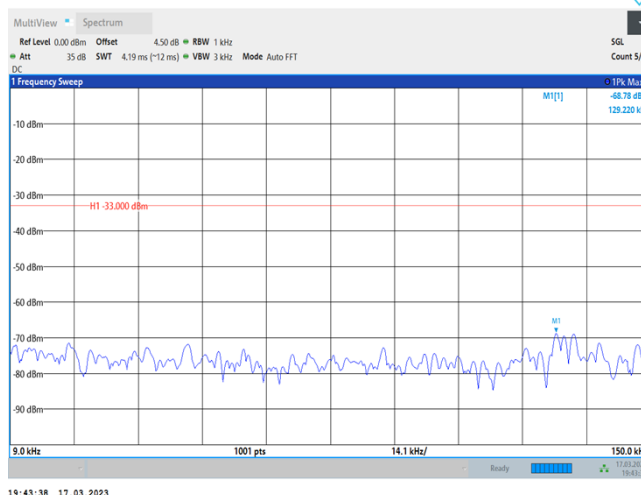
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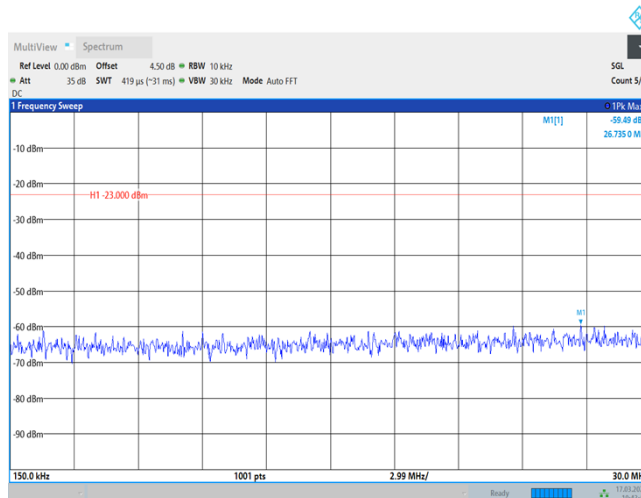
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Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



19:43:38 17.03.2023

Band2-20MHz-QPSK-19100-1RB#0-Range2:0.15~30MHz



19:43:42 17.03.2023



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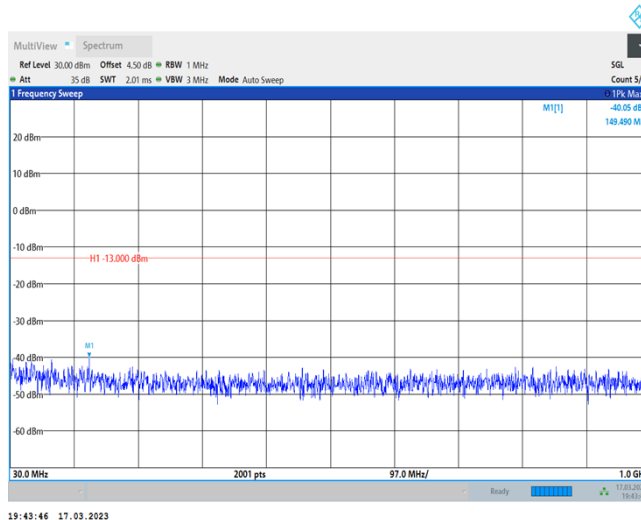
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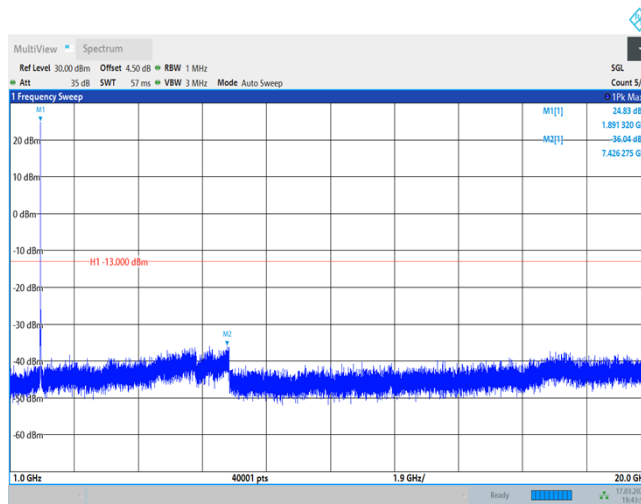
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



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Band2-20MHz-QPSK-19100-1RB#0-Range4:1000~20000MHz



19:43:51 17.03.2023



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Field Strength of Spurious Radiation

Test Band = LTE Band2_20MHz_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	53.13	-45.51	29.98	-57.66	-13.00	44.66	186	195	Horizontal
2	5553	50.36	-45.15	32.97	-57.08	-13.00	44.08	215	195	Horizontal
3	7404.3600	53.20	-43.40	36.49	-48.97	-13.00	35.97	233	165	Horizontal
4	9255.4500	37.28	-40.23	38.38	-59.83	-13.00	46.83	162	269	Horizontal
5	11106.5400	33.54	-37.93	39.09	-60.56	-13.00	47.56	137	74	Horizontal
6	12957.6300	33.22	-37.24	39.79	-59.49	-13.00	46.49	184	331	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	56.46	-45.51	29.98	-54.33	-13.00	41.33	147	180	Vertical
2	5553	59.19	-45.15	32.97	-48.25	-13.00	35.25	258	180	Vertical
3	7404.3600	62.28	-43.40	36.49	-39.89	-13.00	26.89	293	195	Vertical
4	9255.4500	36.94	-40.23	38.38	-60.17	-13.00	47.17	226	14	Vertical
5	11106.5400	33.29	-37.93	39.09	-60.81	-13.00	47.81	152	91	Vertical
6	12957.6300	33.39	-37.24	39.79	-59.32	-13.00	46.32	136	209	Vertical



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Report No.: SEWM2311000473RG01
 Rev.: 01
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Test Band = LTE Band2_20MHz _ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	48.84	-45.68	30.12	-61.98	-13.00	48.98	259	3	Horizontal
2	5613	58.96	-45.04	33.07	-48.27	-13.00	35.27	186	254	Horizontal
3	7484.25	61.77	-43.18	36.45	-40.22	-13.00	27.22	239	73	Horizontal
4	9355.4500	38.24	-40.00	38.46	-58.57	-13.00	45.57	147	270	Horizontal
5	11226.5400	34.86	-37.40	39.11	-58.69	-13.00	45.69	225	225	Horizontal
6	13097.6300	31.47	-37.01	39.87	-60.92	-13.00	47.92	163	224	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	57.33	-45.68	30.12	-53.49	-13.00	40.49	257	209	Vertical
2	5613	61.48	-45.04	33.07	-45.75	-13.00	32.75	198	180	Vertical
3	7484.25	63.63	-43.18	36.45	-38.36	-13.00	25.36	226	360	Vertical
4	9355.4500	39.77	-40.00	38.46	-57.04	-13.00	44.04	153	29	Vertical
5	11226.5400	34.80	-37.40	39.11	-58.75	-13.00	45.75	210	57	Vertical
6	13097.6300	32.17	-37.01	39.87	-60.22	-13.00	47.22	152	238	Vertical



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Report No.: SEWM2311000473RG01
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Test Band = LTE Band2_20MHz _ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	49.15	-45.85	30.27	-61.69	-13.00	48.69	259	196	Horizontal
2	5673.2700	51.31	-44.91	33.29	-55.57	-13.00	42.57	186	196	Horizontal
3	7564.3600	49.35	-43.00	36.41	-52.51	-13.00	39.51	234	105	Horizontal
4	9455.4500	34.97	-40.05	38.48	-61.87	-13.00	48.87	151	256	Horizontal
5	11346.5400	32.11	-37.40	39.11	-61.44	-13.00	48.44	241	30	Horizontal
6	13237.6300	30.62	-37.08	39.96	-61.75	-13.00	48.75	258	271	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	53.19	-45.85	30.27	-57.65	-13.00	44.65	215	314	Vertical
2	5673.2700	59.95	-44.91	33.29	-46.93	-13.00	33.93	263	182	Vertical
3	7564.3600	57.95	-43.00	36.41	-43.91	-13.00	30.91	298	196	Vertical
4	9455.4500	35.56	-40.05	38.48	-61.28	-13.00	48.28	271	196	Vertical
5	11346.5400	32.14	-37.40	39.11	-61.41	-13.00	48.41	156	148	Vertical
6	13237.6300	30.85	-37.08	39.96	-61.52	-13.00	48.52	138	359	Vertical



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Test Band = LTE 2A_4A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	53.74	-45.51	29.98	-57.05	-13.00	44.05	124	3	Horizontal
2	5553	53.66	-45.15	32.97	-53.78	-13.00	40.78	253	179	Horizontal
3	7404.3600	63.71	-43.40	36.49	-38.46	-13.00	25.46	296	360	Horizontal
4	8555.4500	37.41	-41.46	37.66	-61.65	-13.00	48.65	241	104	Horizontal
5	10266.5400	33.44	-39.23	38.83	-62.22	-13.00	49.22	155	299	Horizontal
6	11977.6300	30.91	-37.51	38.95	-62.92	-13.00	49.92	126	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	59.14	-45.51	29.98	-51.65	-13.00	38.65	203	88	Vertical
2	5553	58.56	-45.15	32.97	-48.88	-13.00	35.88	247	240	Vertical
3	7404	67.21	-43.40	36.49	-34.96	-13.00	21.96	186	269	Vertical
4	8555.4500	37.52	-41.46	37.66	-61.54	-13.00	48.54	214	192	Vertical
5	10266.5400	33.99	-39.23	38.83	-61.67	-13.00	48.67	186	360	Vertical
6	11977.6300	30.90	-37.51	38.95	-62.93	-13.00	49.93	219	3	Vertical



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Test Band = LTE 2A_4A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	51.24	-45.68	30.12	-59.58	-13.00	46.58	100	287	Horizontal
2	5613	54.86	-45.04	33.07	-52.37	-13.00	39.37	217	196	Horizontal
3	7484.25	62.13	-43.18	36.45	-39.86	-13.00	26.86	308	196	Horizontal
4	8617.9500	36.92	-41.40	37.78	-61.96	-13.00	48.96	284	316	Horizontal
5	10341.5400	33.85	-39.06	38.85	-61.62	-13.00	48.62	136	226	Horizontal
6	12065.1300	31.42	-37.44	39.02	-62.26	-13.00	49.26	243	287	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	57.60	-45.68	30.12	-53.22	-13.00	40.22	178	74	Vertical
2	5613	59.06	-45.04	33.07	-48.17	-13.00	35.17	324	253	Vertical
3	7484.25	66.05	-43.18	36.45	-35.94	-13.00	22.94	148	118	Vertical
4	8617.9500	36.69	-41.40	37.78	-62.19	-13.00	49.19	285	3	Vertical
5	10341.5400	34.09	-39.06	38.85	-61.38	-13.00	48.38	162	298	Vertical
6	12065.1300	31.44	-37.44	39.02	-62.24	-13.00	49.24	147	149	Vertical



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Test Band = LTE 2A_4A_TM1
Test Channel = High
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	49.84	-45.85	30.27	-61.00	-13.00	48.00	258	285	Horizontal
2	5673	55.20	-44.91	33.29	-51.68	-13.00	38.68	172	194	Horizontal
3	7564.3600	58.32	-43.00	36.41	-43.54	-13.00	30.54	163	360	Horizontal
4	8680.4500	38.18	-41.62	37.88	-60.82	-13.00	47.82	238	285	Horizontal
5	10416.5400	33.65	-38.97	38.88	-61.71	-13.00	48.71	255	148	Horizontal
6	12152.6300	32.31	-37.42	39.09	-61.28	-13.00	48.28	179	299	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	58.16	-45.85	30.27	-52.68	-13.00	39.68	175	118	Vertical
2	5673.2700	53.85	-44.91	33.29	-53.03	-13.00	40.03	263	128	Vertical
3	7564.3600	62.05	-43.00	36.41	-39.81	-13.00	26.81	284	96	Vertical
4	8680.4500	37.83	-41.62	37.88	-61.17	-13.00	48.17	156	104	Vertical
5	10416.5400	33.60	-38.97	38.88	-61.76	-13.00	48.76	177	360	Vertical
6	12152.6300	31.99	-37.42	39.09	-61.60	-13.00	48.60	159	360	Vertical



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Test Band = LTE 2A_5A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.1800	28.10	-24.82	25.37	-66.61	-13.00	53.61	298	128	Horizontal
2	2473.7700	33.05	-23.55	27.68	-58.07	-13.00	45.07	276	147	Horizontal
3	3298.3600	42.29	-46.45	29.56	-69.86	-13.00	56.86	238	148	Horizontal
4	3702	53.27	-45.51	29.98	-57.52	-13.00	44.52	214	285	Horizontal
5	5553	55.13	-45.15	32.97	-52.31	-13.00	39.31	152	194	Horizontal
6	7404.3600	64.46	-43.40	36.49	-37.71	-13.00	24.71	165	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.1800	27.61	-24.82	25.37	-67.10	-13.00	54.10	287	356	Vertical
2	2473.7700	34.09	-23.55	27.68	-57.03	-13.00	44.03	145	4	Vertical
3	3298.3600	42.63	-46.45	29.56	-69.52	-13.00	56.52	165	3	Vertical
4	3702	61.19	-45.51	29.98	-49.60	-13.00	36.60	253	117	Vertical
5	5553	58.14	-45.15	32.97	-49.30	-13.00	36.30	274	209	Vertical
6	7404.3600	65.08	-43.40	36.49	-37.09	-13.00	24.09	186	271	Vertical



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Test Band = LTE 2A_5A_TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.1800	28.92	-24.78	25.38	-65.75	-13.00	52.75	177	312	Horizontal
2	2496.2700	28.24	-23.54	27.76	-62.80	-13.00	49.80	149	108	Horizontal
3	3328.3600	41.73	-46.41	29.52	-70.42	-13.00	57.42	256	360	Horizontal
4	3742.1800	50.37	-45.68	30.12	-60.45	-13.00	47.45	283	289	Horizontal
5	5613	55.10	-45.04	33.07	-52.13	-13.00	39.13	147	196	Horizontal
6	7484.25	63.17	-43.18	36.45	-38.82	-13.00	25.82	125	353	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.1800	28.05	-24.78	25.38	-66.62	-13.00	53.62	256	304	Vertical
2	2496.2700	28.45	-23.54	27.76	-62.59	-13.00	49.59	328	58	Vertical
3	3328.3600	42.11	-46.41	29.52	-70.04	-13.00	57.04	147	240	Vertical
4	3742.1800	57.46	-45.68	30.12	-53.36	-13.00	40.36	176	91	Vertical
5	5613	58.19	-45.04	33.07	-49.04	-13.00	36.04	214	212	Vertical
6	7484.25	65.86	-43.18	36.45	-36.13	-13.00	23.13	138	136	Vertical



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Test Band = LTE 2A_5A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.1800	28.65	-24.75	25.38	-65.98	-13.00	52.98	139	312	Horizontal
2	2518.7700	28.93	-23.40	27.83	-61.90	-13.00	48.90	248	331	Horizontal
3	3358.3600	42.00	-46.35	29.48	-70.13	-13.00	57.13	175	151	Horizontal
4	3782.1800	49.38	-45.85	30.27	-61.46	-13.00	48.46	168	284	Horizontal
5	5673	55.34	-44.91	33.29	-51.54	-13.00	38.54	241	14	Horizontal
6	7564.3600	59.23	-43.00	36.41	-42.63	-13.00	29.63	122	358	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.1800	28.25	-24.75	25.38	-66.38	-13.00	53.38	274	280	Vertical
2	2518.7700	28.46	-23.40	27.83	-62.37	-13.00	49.37	184	301	Vertical
3	3358.3600	41.98	-46.35	29.48	-70.15	-13.00	57.15	165	359	Vertical
4	3782.1800	57.98	-45.85	30.27	-52.86	-13.00	39.86	192	120	Vertical
5	5673	56.53	-44.91	33.29	-50.35	-13.00	37.35	135	271	Vertical
6	7564.3600	62.38	-43.00	36.41	-39.48	-13.00	26.48	238	120	Vertical



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Test Band = LTE 2A_7A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	53.90	-45.51	29.98	-56.89	-25.00	31.89	178	284	Horizontal
2	5553	57.15	-45.15	32.97	-50.29	-25.00	25.29	259	194	Horizontal
3	7404.3600	63.66	-43.40	36.49	-38.51	-25.00	13.51	263	357	Horizontal
4	12505.4500	32.88	-36.99	39.18	-60.19	-25.00	35.19	124	134	Horizontal
5	15006.5400	30.04	-34.65	39.21	-60.66	-25.00	35.66	175	240	Horizontal
6	17507.6300	32.78	-34.95	39.22	-58.21	-25.00	33.21	228	44	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	61.11	-45.51	29.98	-49.68	-25.00	24.68	208	123	Vertical
2	5553	58.50	-45.15	32.97	-48.94	-25.00	23.94	179	242	Vertical
3	7404	67.84	-43.40	36.49	-34.33	-25.00	9.33	266	270	Vertical
4	12505.4500	32.59	-36.99	39.18	-60.48	-25.00	35.48	289	273	Vertical
5	15006.5400	30.33	-34.65	39.21	-60.37	-25.00	35.37	242	360	Vertical
6	17507.6300	32.71	-34.95	39.22	-58.28	-25.00	33.28	156	358	Vertical



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Test Band = LTE 2A_7A_TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	51.23	-45.68	30.12	-59.59	-25.00	34.59	284	285	Horizontal
2	5613	58.75	-45.04	33.07	-48.48	-25.00	23.48	174	196	Horizontal
3	7484.25	63.18	-43.18	36.45	-38.81	-25.00	13.81	155	360	Horizontal
4	12630.4500	32.73	-37.33	39.33	-60.53	-25.00	35.53	169	360	Horizontal
5	15156.5400	30.57	-34.37	39.01	-60.05	-25.00	35.05	256	118	Horizontal
6	17682.6300	33.50	-33.89	40.06	-55.59	-25.00	30.59	241	343	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	57.58	-45.68	30.12	-53.24	-25.00	28.24	242	90	Vertical
2	5613	61.44	-45.04	33.07	-45.79	-25.00	20.79	189	213	Vertical
3	7484.25	66.70	-43.18	36.45	-35.29	-25.00	10.29	237	121	Vertical
4	12630.4500	32.43	-37.33	39.33	-60.83	-25.00	35.83	156	287	Vertical
5	15156.5400	29.99	-34.37	39.01	-60.63	-25.00	35.63	228	360	Vertical
6	17682.6300	33.65	-33.89	40.06	-55.44	-25.00	30.44	176	4	Vertical



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Test Band = LTE 2A_7A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	49.63	-45.85	30.27	-61.21	-25.00	36.21	158	284	Horizontal
2	5673	57.69	-44.91	33.29	-49.19	-25.00	24.19	276	194	Horizontal
3	7564.3600	60.18	-43.00	36.41	-41.68	-25.00	16.68	233	353	Horizontal
4	12755.4500	32.62	-36.76	39.55	-59.85	-25.00	34.85	295	209	Horizontal
5	15306.5400	31.37	-34.36	38.82	-59.43	-25.00	34.43	265	359	Horizontal
6	17857.6300	33.73	-34.56	41.24	-54.85	-25.00	29.85	221	118	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	58.59	-45.85	30.27	-52.25	-25.00	27.25	179	300	Vertical
2	5673.2700	54.95	-44.91	33.29	-51.93	-25.00	26.93	238	90	Vertical
3	7564.3600	62.15	-43.00	36.41	-39.71	-25.00	14.71	214	135	Vertical
4	12755.4500	32.32	-36.76	39.55	-60.15	-25.00	35.15	156	225	Vertical
5	15306.5400	30.77	-34.36	38.82	-60.03	-25.00	35.03	248	332	Vertical
6	17857.6300	33.99	-34.56	41.24	-54.59	-25.00	29.59	188	74	Vertical



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Test Band = LTE 2A_12A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1399.1800	29.00	-25.24	25.62	-65.88	-13.00	52.88	284	301	Horizontal
2	2098.7700	30.32	-24.20	26.99	-62.15	-13.00	49.15	159	311	Horizontal
3	2798.3600	29.28	-22.56	28.48	-60.07	-13.00	47.07	226	263	Horizontal
4	3782.25	49.45	-45.85	30.27	-61.39	-13.00	48.39	135	285	Horizontal
5	5673	56.15	-44.91	33.29	-50.73	-13.00	37.73	287	59	Horizontal
6	7564.5	59.69	-43.00	36.41	-42.17	-13.00	29.17	145	3	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1399.1800	28.87	-25.24	25.62	-66.01	-13.00	53.01	209	294	Vertical
2	2098.7700	29.79	-24.20	26.99	-62.68	-13.00	49.68	226	275	Vertical
3	2798.3600	29.28	-22.56	28.48	-60.07	-13.00	47.07	284	304	Vertical
4	3782.25	58.52	-45.85	30.27	-52.32	-13.00	39.32	156	118	Vertical
5	5673	59.13	-44.91	33.29	-47.75	-13.00	34.75	237	285	Vertical
6	7564.5	63.94	-43.00	36.41	-37.92	-13.00	24.92	142	118	Vertical



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Test Band = LTE 2A_12A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	29.92	-25.24	25.61	-64.96	-13.00	51.96	177	117	Horizontal
2	2109.2700	30.39	-24.19	27.02	-62.04	-13.00	49.04	285	304	Horizontal
3	2812.3600	28.91	-22.61	28.54	-60.43	-13.00	47.43	196	68	Horizontal
4	3782.25	49.12	-45.85	30.27	-61.72	-13.00	48.72	235	300	Horizontal
5	5673	55.67	-44.91	33.29	-51.21	-13.00	38.21	214	148	Horizontal
6	7564.5	60.49	-43.00	36.41	-41.37	-13.00	28.37	134	359	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	30.20	-25.24	25.61	-64.68	-13.00	51.68	216	256	Vertical
2	2109.2700	29.91	-24.19	27.02	-62.52	-13.00	49.52	229	285	Vertical
3	2812.3600	29.05	-22.61	28.54	-60.29	-13.00	47.29	328	77	Vertical
4	3782.25	58.23	-45.85	30.27	-52.61	-13.00	39.61	145	314	Vertical
5	5673	56.59	-44.91	33.29	-50.29	-13.00	37.29	168	298	Vertical
6	7564.5	64.58	-43.00	36.41	-37.28	-13.00	24.28	227	117	Vertical



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Test Band = LTE 2A_12A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	29.02	-25.23	25.60	-65.87	-13.00	52.87	285	285	Horizontal
2	2119.7700	29.85	-24.18	27.06	-62.53	-13.00	49.53	175	330	Horizontal
3	2826.3600	28.84	-22.67	28.60	-60.49	-13.00	47.49	269	304	Horizontal
4	3782.1800	50.06	-45.85	30.27	-60.78	-13.00	47.78	305	282	Horizontal
5	5673.2700	54.46	-44.91	33.29	-52.42	-13.00	39.42	184	194	Horizontal
6	7564.3600	60.56	-43.00	36.41	-41.30	-13.00	28.30	126	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	29.08	-25.23	25.60	-65.81	-13.00	52.81	159	282	Vertical
2	2119.7700	29.59	-24.18	27.06	-62.79	-13.00	49.79	286	282	Vertical
3	2826.3600	28.68	-22.67	28.60	-60.65	-13.00	47.65	314	174	Vertical
4	3782.1800	58.12	-45.85	30.27	-52.72	-13.00	39.72	182	88	Vertical
5	5673	57.89	-44.91	33.29	-48.99	-13.00	35.99	206	255	Vertical
6	7564.3600	63.42	-43.00	36.41	-38.44	-13.00	25.44	177	121	Vertical



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Test Band = LTE 2A_13A_TM1
Test Channel = Low
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.6800	28.14	-25.03	25.41	-66.74	-13.00	53.74	157	135	Horizontal
2	2332.0200	27.95	-23.58	27.41	-63.48	-13.00	50.48	218	323	Horizontal
3	3125.25	50.32	-46.14	29.56	-61.52	-13.00	48.52	293	74	Horizontal
4	3702	53.02	-45.51	29.98	-57.77	-13.00	44.77	264	317	Horizontal
5	5553	54.68	-45.15	32.97	-52.76	-13.00	39.76	158	195	Horizontal
6	7404	62.55	-43.40	36.49	-39.62	-13.00	26.62	144	360	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.6800	27.98	-25.03	25.41	-66.90	-13.00	53.90	211	20	Vertical
2	2332.0200	27.85	-23.58	27.41	-63.58	-13.00	50.58	296	357	Vertical
3	3124.5	46.48	-46.15	29.56	-65.37	-13.00	52.37	235	59	Vertical
4	3702	59.75	-45.51	29.98	-51.04	-13.00	38.04	144	118	Vertical
5	5553	57.36	-45.15	32.97	-50.08	-13.00	37.08	152	256	Vertical
6	7404.3600	64.96	-43.40	36.49	-37.21	-13.00	24.21	149	255	Vertical



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Test Band = LTE 2A_13A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.6800	28.33	-25.02	25.40	-66.55	-13.00	53.55	282	303	Horizontal
2	2339.5200	28.00	-23.58	27.41	-63.43	-13.00	50.43	194	79	Horizontal
3	3125.25	50.50	-46.14	29.56	-61.34	-13.00	48.34	216	74	Horizontal
4	3742.1800	50.12	-45.68	30.12	-60.70	-13.00	47.70	255	284	Horizontal
5	5613	54.50	-45.04	33.07	-52.73	-13.00	39.73	126	167	Horizontal
6	7484.25	62.53	-43.18	36.45	-39.46	-13.00	26.46	201	353	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.6800	27.90	-25.02	25.40	-66.98	-13.00	53.98	162	175	Vertical
2	2339.5200	28.08	-23.58	27.41	-63.35	-13.00	50.35	264	183	Vertical
3	3125.25	46.99	-46.14	29.56	-64.85	-13.00	51.85	135	59	Vertical
4	3742.1800	56.58	-45.68	30.12	-54.24	-13.00	41.24	206	74	Vertical
5	5613	57.79	-45.04	33.07	-49.44	-13.00	36.44	229	239	Vertical
6	7484.25	65.77	-43.18	36.45	-36.22	-13.00	23.22	168	120	Vertical



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Test Band = LTE 2A_13A_TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.6800	27.90	-25.01	25.40	-66.97	-13.00	53.97	184	312	Horizontal
2	2347.0200	28.10	-23.58	27.41	-63.32	-13.00	50.32	259	312	Horizontal
3	3125.25	50.72	-46.14	29.56	-61.12	-13.00	48.12	163	74	Horizontal
4	3782.1800	48.50	-45.85	30.27	-62.34	-13.00	49.34	225	283	Horizontal
5	5673	54.39	-44.91	33.29	-52.49	-13.00	39.49	140	194	Horizontal
6	7564.3600	59.55	-43.00	36.41	-42.31	-13.00	29.31	296	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.6800	28.02	-25.01	25.40	-66.85	-13.00	53.85	238	280	Vertical
2	2347.0200	27.86	-23.58	27.41	-63.56	-13.00	50.56	197	97	Vertical
3	3125.25	46.94	-46.14	29.56	-64.90	-13.00	51.90	210	4	Vertical
4	3782.1800	58.31	-45.85	30.27	-52.53	-13.00	39.53	265	127	Vertical
5	5673	56.42	-44.91	33.29	-50.46	-13.00	37.46	126	293	Vertical
6	7564.3600	60.07	-43.00	36.41	-41.79	-13.00	28.79	257	121	Vertical



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Test Band = LTE 2A_14A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1576.6800	28.46	-24.98	25.38	-66.40	-13.00	53.40	214	154	Horizontal
2	2365.0200	28.09	-23.57	27.42	-63.32	-13.00	50.32	277	96	Horizontal
3	3153.3600	41.77	-45.98	29.60	-69.87	-13.00	56.87	195	176	Horizontal
4	3702.1800	46.49	-45.51	29.98	-64.30	-13.00	51.30	263	283	Horizontal
5	5553.2700	51.16	-45.15	32.97	-56.28	-13.00	43.28	218	194	Horizontal
6	7404.3600	62.65	-43.40	36.49	-39.52	-13.00	26.52	129	359	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1576.6800	28.03	-24.98	25.38	-66.83	-13.00	53.83	228	180	Vertical
2	2365.0200	28.34	-23.57	27.42	-63.07	-13.00	50.07	159	176	Vertical
3	3153.3600	42.04	-45.98	29.60	-69.60	-13.00	56.60	306	14	Vertical
4	3702	60.56	-45.51	29.98	-50.23	-13.00	37.23	258	91	Vertical
5	5553.2700	56.61	-45.15	32.97	-50.83	-13.00	37.83	146	227	Vertical
6	7404.3600	66.75	-43.40	36.49	-35.42	-13.00	22.42	217	120	Vertical



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Test Band = LTE 2A_14A_TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1581.6800	28.19	-24.97	25.37	-66.66	-13.00	53.66	185	331	Horizontal
2	2372.5200	28.29	-23.57	27.43	-63.12	-13.00	50.12	176	302	Horizontal
3	3163.3600	42.35	-45.93	29.62	-69.22	-13.00	56.22	238	359	Horizontal
4	3742.1800	51.53	-45.68	30.12	-59.29	-13.00	46.29	195	284	Horizontal
5	5613	55.51	-45.04	33.07	-51.72	-13.00	38.72	206	194	Horizontal
6	7484.25	62.59	-43.18	36.45	-39.40	-13.00	26.40	244	195	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1581.6800	28.23	-24.97	25.37	-66.62	-13.00	53.62	245	301	Vertical
2	2372.5200	28.36	-23.57	27.43	-63.05	-13.00	50.05	166	105	Vertical
3	3163.3600	42.23	-45.93	29.62	-69.34	-13.00	56.34	293	104	Vertical
4	3742.1800	56.88	-45.68	30.12	-53.94	-13.00	40.94	287	88	Vertical
5	5613	58.35	-45.04	33.07	-48.88	-13.00	35.88	156	224	Vertical
6	7484.25	65.82	-43.18	36.45	-36.17	-13.00	23.17	220	118	Vertical



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Test Band = LTE 2A_14A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1586.6800	28.69	-24.95	25.37	-66.15	-13.00	53.15	299	117	Horizontal
2	2380.0200	28.21	-23.57	27.43	-63.19	-13.00	50.19	177	312	Horizontal
3	3173.3600	41.80	-45.87	29.64	-69.70	-13.00	56.70	184	122	Horizontal
4	3782.1800	48.44	-45.85	30.27	-62.40	-13.00	49.40	163	288	Horizontal
5	5673	56.18	-44.91	33.29	-50.70	-13.00	37.70	254	148	Horizontal
6	7564.3600	61.53	-43.00	36.41	-40.33	-13.00	27.33	142	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1586.6800	28.84	-24.95	25.37	-66.00	-13.00	53.00	246	292	Vertical
2	2380.0200	28.48	-23.57	27.43	-62.92	-13.00	49.92	231	282	Vertical
3	3173.3600	42.24	-45.87	29.64	-69.26	-13.00	56.26	153	360	Vertical
4	3782.1800	59.10	-45.85	30.27	-51.74	-13.00	38.74	203	313	Vertical
5	5673	57.64	-44.91	33.29	-49.24	-13.00	36.24	308	225	Vertical
6	7564.3600	62.14	-43.00	36.41	-39.72	-13.00	26.72	147	121	Vertical



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Test Band = LTE 2A_17A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1409.1800	27.65	-25.23	25.61	-67.24	-13.00	54.24	295	116	Horizontal
2	2113.7700	28.75	-24.18	27.04	-63.66	-13.00	50.66	167	128	Horizontal
3	2818.3600	27.98	-22.63	28.56	-61.35	-13.00	48.35	241	19	Horizontal
4	3702	52.94	-45.51	29.98	-57.85	-13.00	44.85	266	316	Horizontal
5	5553	55.68	-45.15	32.97	-51.76	-13.00	38.76	259	195	Horizontal
6	7404.3600	62.53	-43.40	36.49	-39.64	-13.00	26.64	135	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1409.1800	27.30	-25.23	25.61	-67.59	-13.00	54.59	209	206	Vertical
2	2113.7700	28.22	-24.18	27.04	-64.19	-13.00	51.19	286	303	Vertical
3	2818.3600	27.94	-22.63	28.56	-61.39	-13.00	48.39	244	341	Vertical
4	3702	60.96	-45.51	29.98	-49.83	-13.00	36.83	172	120	Vertical
5	5553	59.52	-45.15	32.97	-47.92	-13.00	34.92	163	255	Vertical
6	7404.3600	64.96	-43.40	36.49	-37.21	-13.00	24.21	315	271	Vertical



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Test Band = LTE 2A_17A_TM1
Test Channel = Mid
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1411.1800	27.86	-25.23	25.60	-67.03	-13.00	54.03	178	341	Horizontal
2	2116.7700	28.87	-24.18	27.05	-63.52	-13.00	50.52	259	331	Horizontal
3	2822.3600	28.13	-22.65	28.58	-61.20	-13.00	48.20	263	67	Horizontal
4	3742.1800	50.02	-45.68	30.12	-60.80	-13.00	47.80	171	287	Horizontal
5	5613	56.91	-45.04	33.07	-50.32	-13.00	37.32	140	195	Horizontal
6	7484.25	64.76	-43.18	36.45	-37.23	-13.00	24.23	216	358	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1411.1800	27.67	-25.23	25.60	-67.22	-13.00	54.22	193	187	Vertical
2	2116.7700	28.58	-24.18	27.05	-63.81	-13.00	50.81	246	194	Vertical
3	2822.3600	28.08	-22.65	28.58	-61.25	-13.00	48.25	287	332	Vertical
4	3742.1800	57.20	-45.68	30.12	-53.62	-13.00	40.62	148	88	Vertical
5	5613	59.85	-45.04	33.07	-47.38	-13.00	34.38	189	256	Vertical
6	7484.25	67.25	-43.18	36.45	-34.74	-13.00	21.74	211	120	Vertical



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Test Band = LTE 2A_17A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	28.28	-25.23	25.60	-66.61	-13.00	53.61	177	301	Horizontal
2	2119.7700	29.20	-24.18	27.06	-63.18	-13.00	50.18	149	304	Horizontal
3	2826.3600	28.34	-22.67	28.60	-60.99	-13.00	47.99	255	357	Horizontal
4	3782.1800	48.85	-45.85	30.27	-61.99	-13.00	48.99	135	299	Horizontal
5	5673	58.43	-44.91	33.29	-48.45	-13.00	35.45	214	192	Horizontal
6	7564.3600	61.65	-43.00	36.41	-40.21	-13.00	27.21	185	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	28.19	-25.23	25.60	-66.70	-13.00	53.70	130	281	Vertical
2	2119.7700	28.65	-24.18	27.06	-63.73	-13.00	50.73	263	281	Vertical
3	2826.3600	27.72	-22.67	28.60	-61.61	-13.00	48.61	233	342	Vertical
4	3782.1800	58.32	-45.85	30.27	-52.52	-13.00	39.52	157	314	Vertical
5	5673	59.11	-44.91	33.29	-47.77	-13.00	34.77	241	286	Vertical
6	7564.3600	63.91	-43.00	36.41	-37.95	-13.00	24.95	189	74	Vertical



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Test Band = LTE 2A_30A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3459.75	45.06	-46.27	29.48	-66.98	-40.00	26.98	215	0	Horizontal
2	4449.75	44.38	-45.77	31.56	-65.09	-40.00	25.09	136	91	Horizontal
3	5910	43.35	-44.96	33.96	-62.91	-40.00	22.91	215	240	Horizontal
4	6863.25	43.10	-44.13	35.92	-60.37	-40.00	20.37	144	181	Horizontal
5	11025	38.11	-37.87	39.08	-55.95	-40.00	15.95	185	300	Horizontal
6	12611.25	38.30	-37.51	39.30	-55.17	-40.00	15.17	196	3	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4269.75	44.26	-45.61	31.24	-65.37	-40.00	25.37	165	91	Vertical
2	4896.75	44.53	-45.53	32.59	-63.67	-40.00	23.67	174	330	Vertical
3	5712.75	42.83	-44.84	33.43	-63.84	-40.00	23.84	165	212	Vertical
4	6978.75	42.80	-43.67	36.05	-60.07	-40.00	20.07	129	195	Vertical
5	8100.75	40.86	-41.37	37.05	-58.72	-40.00	18.72	188	135	Vertical
6	9370.5	40.95	-39.95	38.47	-55.79	-40.00	15.79	103	346	Vertical



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Test Band = LTE 2A_30A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4281	43.66	-45.58	31.27	-65.92	-40.00	25.92	145	286	Horizontal
2	4892.25	44.58	-45.53	32.58	-63.63	-40.00	23.63	186	330	Horizontal
3	6755.25	43.10	-44.01	35.75	-60.42	-40.00	20.42	251	90	Horizontal
4	8391.75	41.82	-41.50	37.32	-57.62	-40.00	17.62	146	0	Horizontal
5	10699.5	37.41	-37.88	39.14	-56.59	-40.00	16.59	192	74	Horizontal
6	11316.75	38.26	-37.41	39.11	-55.30	-40.00	15.30	130	301	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3930	45.17	-46.21	30.64	-65.66	-40.00	25.66	254	303	Vertical
2	5221.5	44.00	-45.24	32.97	-63.53	-40.00	23.53	136	182	Vertical
3	6057	42.99	-44.61	34.15	-62.73	-40.00	22.73	251	303	Vertical
4	7803.75	41.90	-42.33	36.78	-58.90	-40.00	18.90	188	210	Vertical
5	9334.5	40.92	-40.09	38.44	-55.98	-40.00	15.98	196	32	Vertical
6	12719.25	37.81	-36.71	39.49	-54.67	-40.00	14.67	188	136	Vertical



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Test Band = LTE 2A_30A_TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3968.25	44.45	-46.12	30.73	-66.20	-40.00	26.20	254	193	Horizontal
2	4556.25	44.07	-45.69	31.67	-65.21	-40.00	25.21	156	212	Horizontal
3	5335.5	43.77	-45.16	32.86	-63.79	-40.00	23.79	236	348	Horizontal
4	7848.75	41.75	-42.56	36.84	-59.23	-40.00	19.23	258	193	Horizontal
5	10707	37.57	-37.93	39.15	-56.48	-40.00	16.48	195	274	Horizontal
6	13713	38.33	-36.19	40.04	-53.08	-40.00	13.08	175	193	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4382.25	43.44	-45.77	31.47	-66.12	-40.00	26.12	245	166	Vertical
2	4891.5	44.45	-45.53	32.58	-63.76	-40.00	23.76	165	122	Vertical
3	6372	42.98	-44.45	34.56	-62.17	-40.00	22.17	281	18	Vertical
4	7854.75	41.94	-42.59	36.84	-59.07	-40.00	19.07	174	31	Vertical
5	11261.25	37.90	-37.41	39.11	-55.66	-40.00	15.66	166	91	Vertical
6	12718.5	37.96	-36.71	39.49	-54.52	-40.00	14.52	219	183	Vertical



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Test Band = LTE 2A_38A_TM1

Test Channel = Low

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	49.94	-45.51	29.98	-60.85	-25.00	35.85	273	284	Horizontal
2	5553.2700	55.78	-45.15	32.97	-51.66	-25.00	26.66	125	149	Horizontal
3	7404.3600	64.68	-43.40	36.49	-37.49	-25.00	12.49	287	351	Horizontal
4	12855.4500	33.80	-36.99	39.69	-58.76	-25.00	33.76	149	360	Horizontal
5	15426.5400	32.35	-33.99	38.67	-58.23	-25.00	33.23	221	352	Horizontal
6	17997.6300	32.32	-34.58	42.23	-55.28	-25.00	30.28	243	360	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	61.96	-45.51	29.98	-48.83	-25.00	23.83	184	122	Vertical
2	5553.2700	59.75	-45.15	32.97	-47.69	-25.00	22.69	166	257	Vertical
3	7404.3600	66.99	-43.40	36.49	-35.18	-25.00	10.18	302	270	Vertical
4	12855.4500	33.06	-36.99	39.69	-59.50	-25.00	34.50	197	74	Vertical
5	15426.5400	31.61	-33.99	38.67	-58.97	-25.00	33.97	145	270	Vertical
6	17997.6300	32.49	-34.58	42.23	-55.11	-25.00	30.11	258	75	Vertical



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Test Band = LTE 2A_38A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	48.49	-45.68	30.12	-62.33	-25.00	37.33	208	104	Horizontal
2	5613	56.49	-45.04	33.07	-50.74	-25.00	25.74	149	360	Horizontal
3	7484.25	58.18	-43.18	36.45	-43.81	-25.00	18.81	225	13	Horizontal
4	10344.3600	36.06	-39.05	38.85	-59.41	-25.00	34.41	168	134	Horizontal
5	12930.4500	33.45	-37.18	39.76	-59.23	-25.00	34.23	278	14	Horizontal
6	15516.5000	31.38	-35.30	38.55	-60.63	-25.00	35.63	142	209	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	52.31	-45.68	30.12	-58.51	-25.00	33.51	201	75	Vertical
2	5613	59.10	-45.04	33.07	-48.13	-25.00	23.13	285	104	Vertical
3	7484.25	64.61	-43.18	36.45	-37.38	-25.00	12.38	196	120	Vertical
4	10344.3600	35.80	-39.05	38.85	-59.67	-25.00	34.67	132	351	Vertical
5	12930.4500	32.92	-37.18	39.76	-59.76	-25.00	34.76	223	312	Vertical
6	15516.5000	30.97	-35.30	38.55	-61.04	-25.00	36.04	151	351	Vertical



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Test Band = LTE 2A_38A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	50.42	-45.85	30.27	-60.42	-25.00	35.42	177	118	Horizontal
2	5673	56.47	-44.91	33.29	-50.41	-25.00	25.41	288	360	Horizontal
3	7564.3600	52.33	-43.00	36.41	-49.53	-25.00	24.53	196	135	Horizontal
4	10404.3600	34.50	-39.00	38.86	-60.90	-25.00	35.90	263	255	Horizontal
5	13005.4500	32.78	-37.31	39.83	-59.96	-25.00	34.96	254	73	Horizontal
6	15606.5400	31.52	-34.87	38.43	-60.18	-25.00	35.18	140	4	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	55.27	-45.85	30.27	-55.57	-25.00	30.57	157	104	Vertical
2	5673	59.96	-44.91	33.29	-46.92	-25.00	21.92	142	103	Vertical
3	7564.3600	61.60	-43.00	36.41	-40.26	-25.00	15.26	266	120	Vertical
4	10404.3600	35.01	-39.00	38.86	-60.39	-25.00	35.39	182	341	Vertical
5	13005.4500	32.98	-37.31	39.83	-59.76	-25.00	34.76	306	194	Vertical
6	15606.5400	31.17	-34.87	38.43	-60.53	-25.00	35.53	259	103	Vertical



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Test Band = LTE 2A_41A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	53.89	-45.51	29.98	-56.90	-25.00	31.90	175	359	Horizontal
2	5553.2700	51.76	-45.15	32.97	-55.68	-25.00	30.68	219	3	Horizontal
3	7404.3600	56.12	-43.40	36.49	-46.05	-25.00	21.05	238	3	Horizontal
4	9988.3600	35.08	-39.25	38.47	-60.96	-25.00	35.96	172	314	Horizontal
5	12485.4500	31.95	-37.04	39.16	-61.19	-25.00	36.19	226	360	Horizontal
6	14982.5400	30.80	-34.64	39.26	-59.84	-25.00	34.84	195	352	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	54.57	-45.51	29.98	-56.22	-25.00	31.22	289	149	Vertical
2	5553	57.43	-45.15	32.97	-50.01	-25.00	25.01	179	269	Vertical
3	7404.3600	62.71	-43.40	36.49	-39.46	-25.00	14.46	265	105	Vertical
4	9988.3600	35.77	-39.25	38.47	-60.27	-25.00	35.27	241	29	Vertical
5	12485.4500	32.88	-37.04	39.16	-60.26	-25.00	35.26	153	134	Vertical
6	14982.5400	30.84	-34.64	39.26	-59.80	-25.00	34.80	203	255	Vertical



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Test Band = LTE 2A_41A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	48.66	-45.68	30.12	-62.16	-25.00	37.16	214	118	Horizontal
2	5613	54.84	-45.04	33.07	-52.39	-25.00	27.39	188	360	Horizontal
3	7484.25	57.25	-43.18	36.45	-44.74	-25.00	19.74	165	165	Horizontal
4	10336.3600	34.46	-39.06	38.84	-61.02	-25.00	36.02	235	359	Horizontal
5	12920.4500	32.07	-37.16	39.75	-60.60	-25.00	35.60	172	343	Horizontal
6	15504.5400	30.61	-35.35	38.57	-61.43	-25.00	36.43	226	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	53.08	-45.68	30.12	-57.74	-25.00	32.74	180	135	Vertical
2	5613	60.37	-45.04	33.07	-46.86	-25.00	21.86	246	104	Vertical
3	7484.25	64.12	-43.18	36.45	-37.87	-25.00	12.87	193	118	Vertical
4	10336.3600	34.97	-39.06	38.84	-60.51	-25.00	35.51	254	195	Vertical
5	12920.4500	32.40	-37.16	39.75	-60.27	-25.00	35.27	171	73	Vertical
6	15504.5400	30.57	-35.35	38.57	-61.47	-25.00	36.47	206	239	Vertical



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Test Band = LTE 2A_41A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	49.83	-45.85	30.27	-61.01	-25.00	36.01	216	120	Horizontal
2	5673	57.14	-44.91	33.29	-49.74	-25.00	24.74	233	120	Horizontal
3	7564.3600	54.46	-43.00	36.41	-47.40	-25.00	22.40	282	353	Horizontal
4	10510.3600	34.57	-38.77	38.97	-60.48	-25.00	35.48	194	134	Horizontal
5	13137.9500	31.80	-37.08	39.89	-60.64	-25.00	35.64	274	286	Horizontal
6	15765.5400	28.59	-33.25	38.24	-61.67	-25.00	36.67	150	4	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	53.89	-45.85	30.27	-56.95	-25.00	31.95	170	103	Vertical
2	5673.2700	59.15	-44.91	33.29	-47.73	-25.00	22.73	294	103	Vertical
3	7564.3600	61.89	-43.00	36.41	-39.97	-25.00	14.97	124	103	Vertical
4	10510.3600	34.37	-38.77	38.97	-60.68	-25.00	35.68	185	360	Vertical
5	13137.9500	31.49	-37.08	39.89	-60.95	-25.00	35.95	207	194	Vertical
6	15765.5400	28.98	-33.25	38.24	-61.28	-25.00	36.28	157	194	Vertical



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Test Band = LTE 2A_66A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	54.48	-45.51	29.98	-56.31	-13.00	43.31	178	359	Horizontal
2	5553	51.06	-45.15	32.97	-56.38	-13.00	43.38	219	360	Horizontal
3	7404	55.59	-43.40	36.49	-46.58	-13.00	33.58	266	13	Horizontal
4	8510.4500	38.13	-41.59	37.56	-61.16	-13.00	48.16	284	180	Horizontal
5	10212.5400	33.53	-39.45	38.81	-62.36	-13.00	49.36	145	208	Horizontal
6	11914.6300	31.07	-37.18	38.88	-62.49	-13.00	49.49	163	208	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	54.19	-45.51	29.98	-56.60	-13.00	43.60	284	117	Vertical
2	5553	56.17	-45.15	32.97	-51.27	-13.00	38.27	175	120	Vertical
3	7404.3600	62.08	-43.40	36.49	-40.09	-13.00	27.09	192	117	Vertical
4	8510.4500	37.09	-41.59	37.56	-62.20	-13.00	49.20	266	343	Vertical
5	10212.5400	33.66	-39.45	38.81	-62.23	-13.00	49.23	284	270	Vertical
6	11914.6300	30.82	-37.18	38.88	-62.74	-13.00	49.74	156	360	Vertical



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Test Band = LTE 2A_66A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	47.15	-45.68	30.12	-63.67	-13.00	50.67	287	283	Horizontal
2	5613	55.57	-45.04	33.07	-51.66	-13.00	38.66	152	4	Horizontal
3	7484.25	55.99	-43.18	36.45	-46.00	-13.00	33.00	136	14	Horizontal
4	8635.4500	38.08	-41.46	37.81	-60.83	-13.00	47.83	246	149	Horizontal
5	10362.5400	34.00	-39.04	38.85	-61.45	-13.00	48.45	295	359	Horizontal
6	12089.6300	31.01	-37.37	39.04	-62.58	-13.00	49.58	162	353	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	50.95	-45.68	30.12	-59.87	-13.00	46.87	219	73	Vertical
2	5613	58.99	-45.04	33.07	-48.24	-13.00	35.24	255	105	Vertical
3	7484.25	62.15	-43.18	36.45	-39.84	-13.00	26.84	176	88	Vertical
4	8635.4500	37.29	-41.46	37.81	-61.62	-13.00	48.62	274	225	Vertical
5	10362.5400	34.21	-39.04	38.85	-61.24	-13.00	48.24	186	357	Vertical
6	12089.6300	31.57	-37.37	39.04	-62.02	-13.00	49.02	235	360	Vertical



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Test Band = LTE 2A_66A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	48.09	-45.85	30.27	-62.75	-13.00	49.75	122	105	Horizontal
2	5673	53.57	-44.91	33.29	-53.31	-13.00	40.31	254	359	Horizontal
3	7564.3600	52.18	-43.00	36.41	-49.68	-13.00	36.68	306	357	Horizontal
4	8760.4500	37.70	-41.42	38.02	-60.97	-13.00	47.97	219	360	Horizontal
5	10512.5400	33.41	-38.76	38.97	-61.64	-13.00	48.64	324	164	Horizontal
6	12262.6300	31.63	-37.44	39.11	-61.96	-13.00	48.96	152	59	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	52.90	-45.85	30.27	-57.94	-13.00	44.94	177	328	Vertical
2	5673	60.25	-44.91	33.29	-46.63	-13.00	33.63	184	104	Vertical
3	7564.3600	60.18	-43.00	36.41	-41.68	-13.00	28.68	165	118	Vertical
4	8760.4500	37.28	-41.42	38.02	-61.39	-13.00	48.39	295	313	Vertical
5	10512.5400	33.05	-38.76	38.97	-62.00	-13.00	49.00	184	255	Vertical
6	12262.6300	32.34	-37.44	39.11	-61.25	-13.00	48.25	160	343	Vertical



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Test Band = LTE 2A_71A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.1800	27.98	-24.80	25.61	-66.47	-13.00	53.47	288	301	Horizontal
2	1992.2700	28.90	-24.48	26.60	-64.24	-13.00	51.24	174	331	Horizontal
3	2656.3600	29.13	-22.84	28.21	-60.76	-13.00	47.76	156	292	Horizontal
4	3702	53.60	-45.51	29.98	-57.19	-13.00	44.19	295	359	Horizontal
5	5553	51.89	-45.15	32.97	-55.55	-13.00	42.55	135	4	Horizontal
6	7404	56.08	-43.40	36.49	-46.09	-13.00	33.09	244	4	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.1800	27.15	-24.80	25.61	-67.30	-13.00	54.30	280	183	Vertical
2	1992.2700	27.96	-24.48	26.60	-65.18	-13.00	52.18	144	18	Vertical
3	2656.3600	28.61	-22.84	28.21	-61.28	-13.00	48.28	216	3	Vertical
4	3702	55.59	-45.51	29.98	-55.20	-13.00	42.20	289	120	Vertical
5	5553	55.57	-45.15	32.97	-51.87	-13.00	38.87	297	120	Vertical
6	7404	62.82	-43.40	36.49	-39.35	-13.00	26.35	241	120	Vertical



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Test Band = LTE 2A_71A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.1800	28.10	-24.92	25.61	-66.47	-13.00	53.47	248	331	Horizontal
2	2022.2700	29.04	-24.41	26.72	-63.91	-13.00	50.91	185	311	Horizontal
3	2696.3600	28.98	-22.85	28.28	-60.85	-13.00	47.85	162	322	Horizontal
4	3742.1800	47.71	-45.68	30.12	-63.11	-13.00	50.11	324	91	Horizontal
5	5613	52.08	-45.04	33.07	-55.15	-13.00	42.15	172	360	Horizontal
6	7484.25	53.84	-43.18	36.45	-48.15	-13.00	35.15	236	4	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.1800	27.45	-24.92	25.61	-67.12	-13.00	54.12	187	29	Vertical
2	2022.2700	27.99	-24.41	26.72	-64.96	-13.00	51.96	156	2	Vertical
3	2696.3600	28.15	-22.85	28.28	-61.68	-13.00	48.68	247	242	Vertical
4	3742.1800	51.86	-45.68	30.12	-58.96	-13.00	45.96	156	104	Vertical
5	5613	58.26	-45.04	33.07	-48.97	-13.00	35.97	282	120	Vertical
6	7484.25	62.81	-43.18	36.45	-39.18	-13.00	26.18	162	120	Vertical



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Test Band = LTE 2A_71A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.1800	28.61	-24.98	25.61	-66.02	-13.00	53.02	199	321	Horizontal
2	2037.2700	30.35	-24.37	26.77	-62.51	-13.00	49.51	306	310	Horizontal
3	2716.3600	28.99	-22.80	28.32	-60.75	-13.00	47.75	314	310	Horizontal
4	3782.1800	46.88	-45.85	30.27	-63.96	-13.00	50.96	282	225	Horizontal
5	5673	52.74	-44.91	33.29	-54.14	-13.00	41.14	156	360	Horizontal
6	7564.3600	51.66	-43.00	36.41	-50.20	-13.00	37.20	226	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.1800	27.89	-24.98	25.61	-66.74	-13.00	53.74	271	332	Vertical
2	2037.2700	27.75	-24.37	26.77	-65.11	-13.00	52.11	149	284	Vertical
3	2716.3600	28.15	-22.80	28.32	-61.59	-13.00	48.59	215	254	Vertical
4	3782.1800	54.41	-45.85	30.27	-56.43	-13.00	43.43	168	313	Vertical
5	5673	58.83	-44.91	33.29	-48.05	-13.00	35.05	287	88	Vertical
6	7564.3600	60.84	-43.00	36.41	-41.02	-13.00	28.02	142	269	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-0.10	-0.000053	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-12.40	-0.006596	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	0.00	0.000000	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-5.30	-0.002819	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-4.80	-0.002553	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	0.10	0.000053	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	2.70	0.001436	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	3.40	0.001809	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-1.20	-0.000638	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	1.50	0.000798	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	6.60	0.003511	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	0.60	0.000319	PASS

---End of Attachment---



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Wireless Laboratory

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