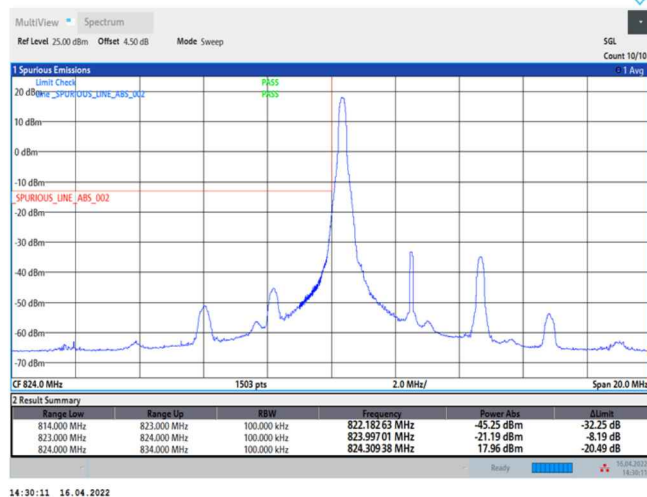


Report No.: SEWA2309000114RG01

Rev.: 01

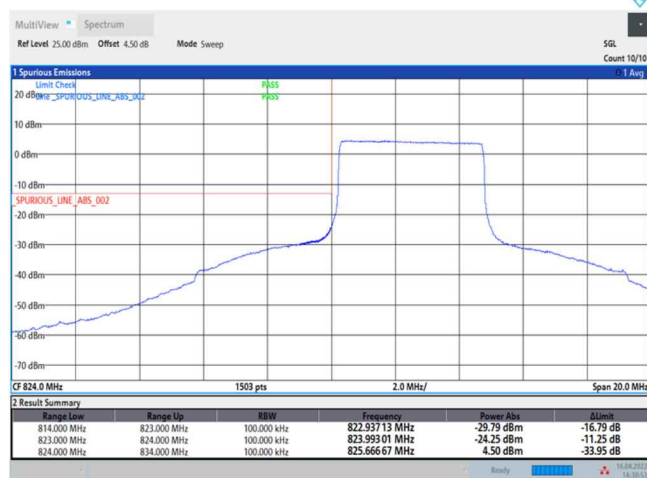
Page: 45 of 64

Band5-5MHz-QPSK-20425-1RB#0



14:30:11 16.04.2022

Band5-5MHz-QPSK-20425-25RB#0



14:30:54 16.04.2022



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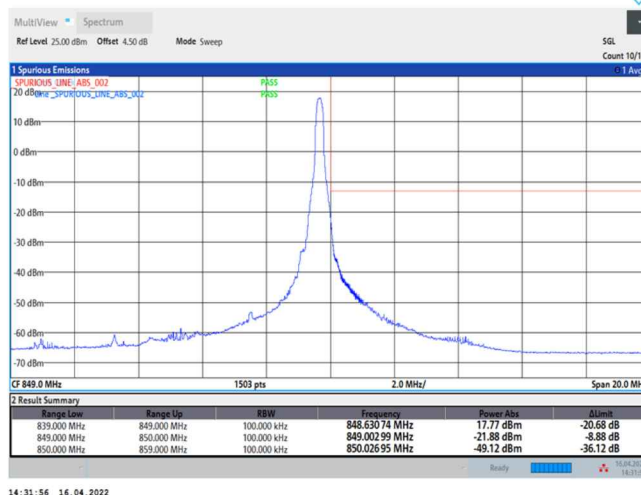
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Band5-5MHz-QPSK-20625-1RB#24



14:31:56 16.04.2022

Band5-5MHz-QPSK-20625-25RB#0



14:32:39 16.04.2022



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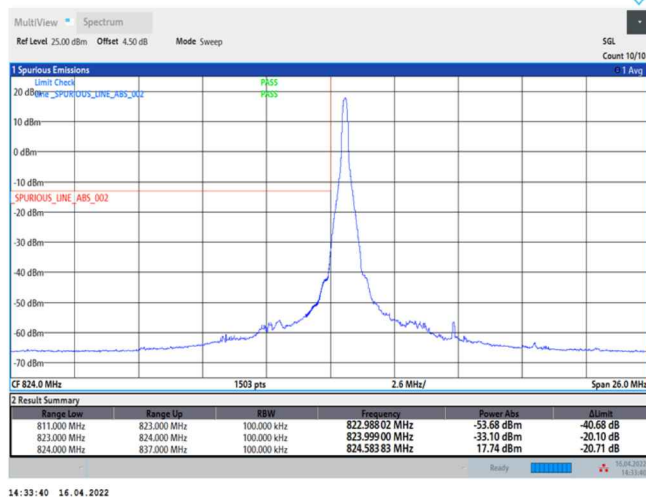
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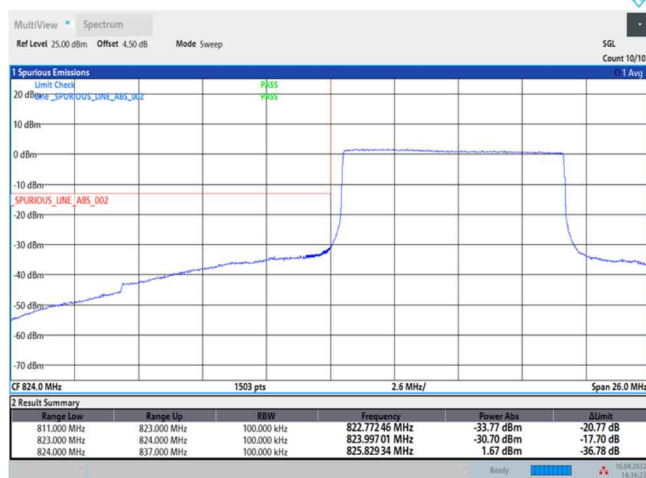
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Band5-10MHz-QPSK-20450-1RB#0



14:33:40 16.04.2022

Band5-10MHz-QPSK-20450-50RB#0



14:34:24 16.04.2022



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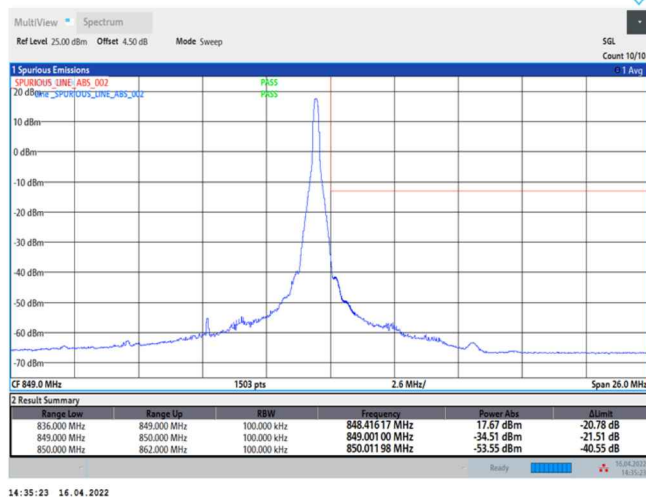
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Band5-10MHz-QPSK-20600-1RB#49



14:35:23 16.04.2022

Band5-10MHz-QPSK-20600-50RB#0



14:36:06 16.04.2022



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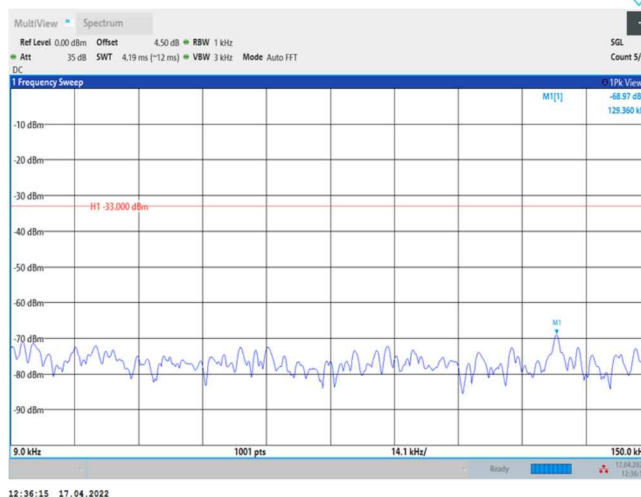
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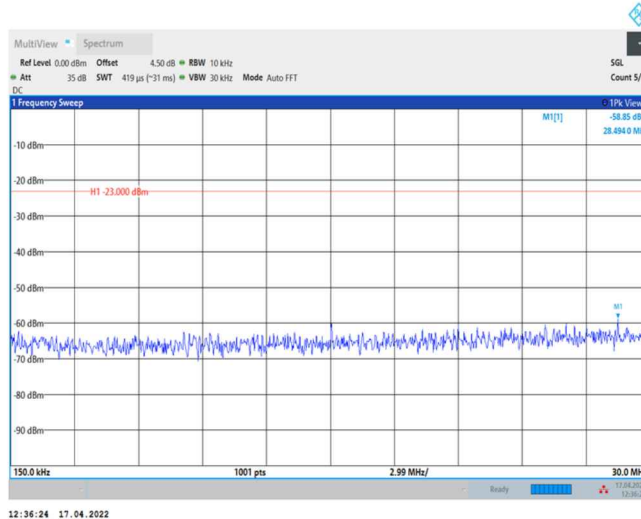
Conducted Spurious Emission

Test Graphs

Band5-10MHz-QPSK-20450-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-QPSK-20450-1RB#0-Range2:0.15~30MHz



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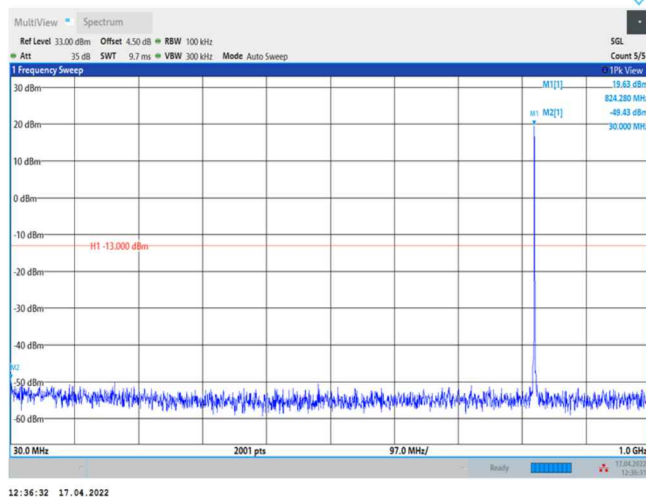
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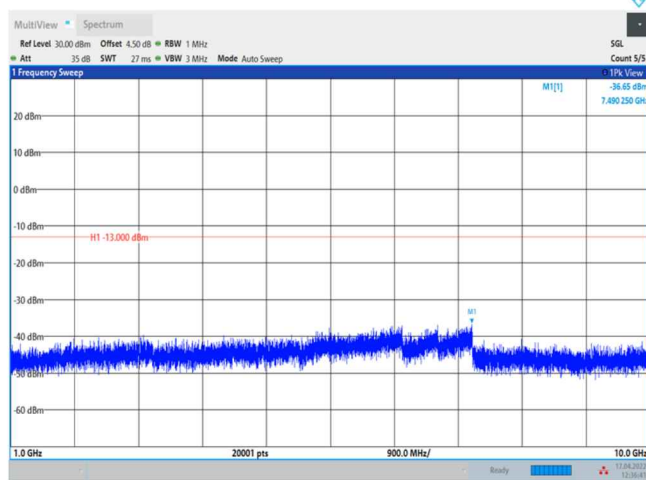
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Band5-10MHz-QPSK-20450-1RB#0-Range3:30~1000MHz



12:36:32 17.04.2022

Band5-10MHz-QPSK-20450-1RB#0-Range4:1000~10000MHz



12:36:41 17.04.2022



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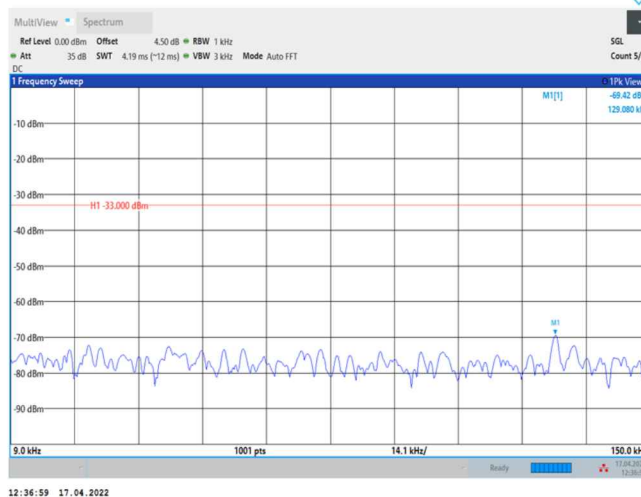
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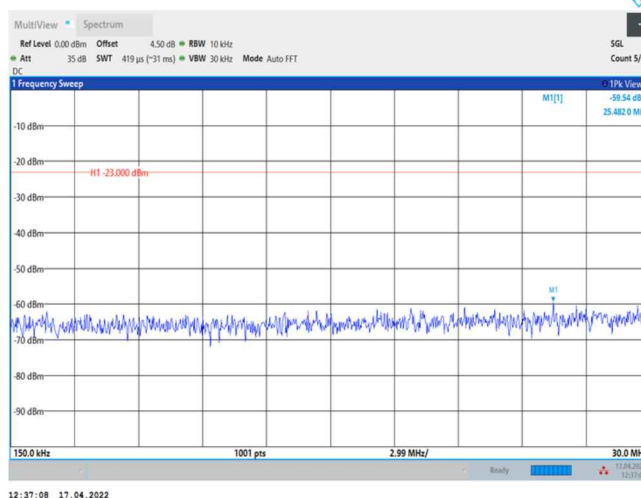
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Band5-10MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



Band5-10MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



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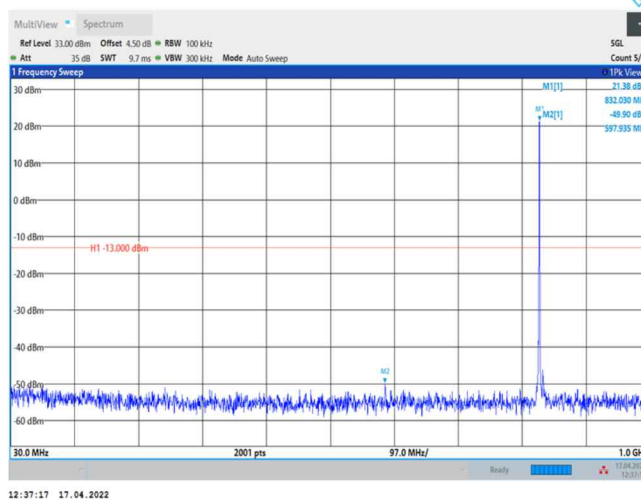
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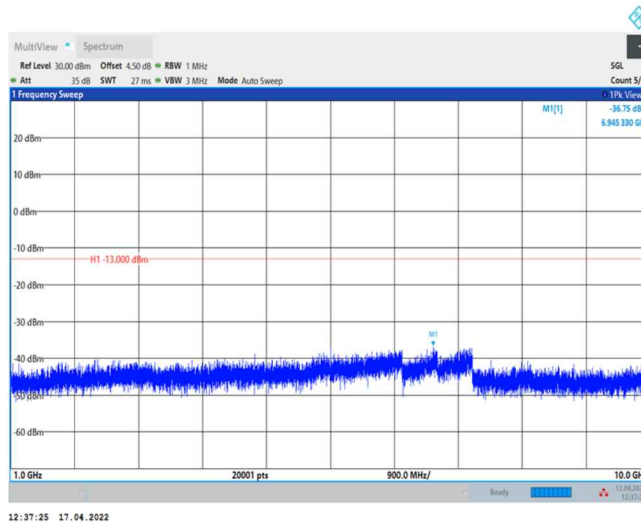
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Band5-10MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz



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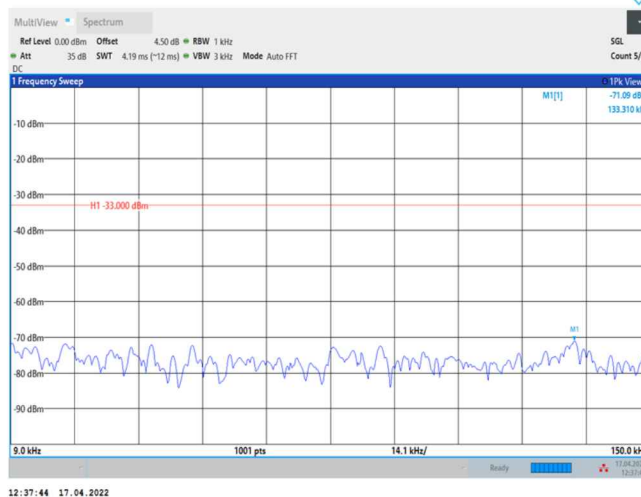
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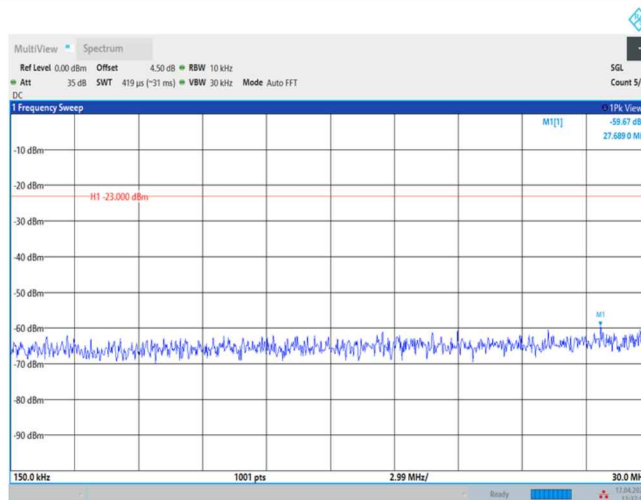
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Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz



12:37:44 17.04.2022

Band5-10MHz-QPSK-20600-1RB#0-Range2:0.15~30MHz



12:37:52 17.04.2022



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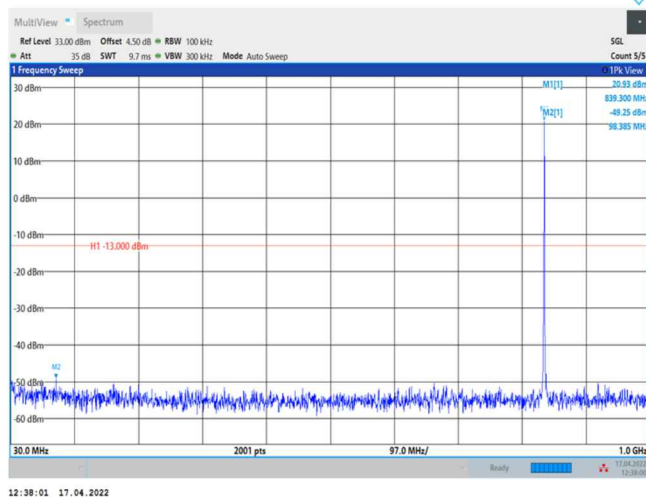
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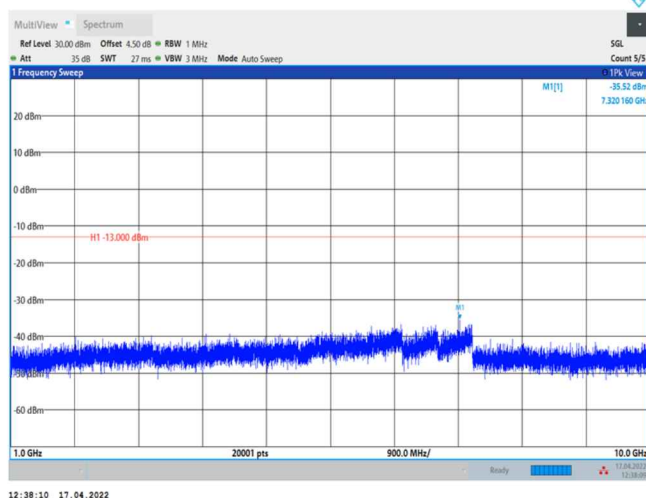
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Band5-10MHz-QPSK-20600-1RB#0-Range3:30~1000MHz



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Band5-10MHz-QPSK-20600-1RB#0-Range4:1000~10000MHz



12:38:10 17.04.2022



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Field Strength of Spurious Radiation

Test Band = LTE Band 5_ 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	1649.18	58.83	-118.07	-59.24	-13.00	46.24	263	216	Horizontal
2	2473.77	53.16	-114.37	-61.21	-13.00	48.21	241	132	Horizontal
3	3298.36	51.59	-111.89	-60.30	-13.00	47.30	176	300	Horizontal
4	4122.95	48.56	-109.80	-61.24	-13.00	48.24	265	289	Horizontal
5	4947.54	51.47	-107.87	-56.40	-13.00	43.40	241	92	Horizontal
6	5772.13	50.27	-105.31	-55.04	-13.00	42.04	177	348	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.18	54.32	-118.07	-63.75	-13.00	50.75	263	50	Vertical
2	2432	68.78	-114.81	-46.03	-13.00	33.03	251	258	Vertical
3	3298.36	51.91	-111.89	-59.98	-13.00	46.98	176	62	Vertical
4	4122.95	49.65	-109.80	-60.15	-13.00	47.15	264	62	Vertical
5	4947.54	50.97	-107.87	-56.90	-13.00	43.90	177	40	Vertical
6	5772.13	51.29	-105.31	-54.02	-13.00	41.02	265	0	Vertical



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Test Band = LTE Band 5_ 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	1664	60.42	-118.03	-57.61	-13.00	44.61	263	216	Horizontal
2	2466	66.75	-114.46	-47.71	-13.00	34.71	241	205	Horizontal
3	3328.36	51.19	-111.95	-60.76	-13.00	47.76	175	174	Horizontal
4	4160.45	50.46	-109.62	-59.16	-13.00	46.16	265	359	Horizontal
5	4992.54	50.14	-107.69	-57.55	-13.00	44.55	255	2	Horizontal
6	5824.63	50.85	-105.05	-54.20	-13.00	41.20	177	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	53.76	-118.03	-64.27	-13.00	51.27	263	320	Vertical
2	2496.27	52.47	-114.12	-61.65	-13.00	48.65	254	18	Vertical
3	3328.36	50.93	-111.95	-61.02	-13.00	48.02	177	0	Vertical
4	4160.45	51.82	-109.62	-57.80	-13.00	44.80	166	1	Vertical
5	4992.54	50.49	-107.69	-57.20	-13.00	44.20	266	112	Vertical
6	5824.63	51.07	-105.05	-53.98	-13.00	40.98	324	258	Vertical



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Test Band = LTE Band 5_ 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	1679.18	55.52	-118.00	-62.48	-13.00	49.48	263	206	Horizontal
2	2518.77	52.03	-114.13	-62.10	-13.00	49.10	241	186	Horizontal
3	3358.36	51.35	-112.02	-60.67	-13.00	47.67	175	359	Horizontal
4	4197.95	49.58	-109.46	-59.88	-13.00	46.88	266	31	Horizontal
5	5037.54	49.89	-107.51	-57.62	-13.00	44.62	221	186	Horizontal
6	5887.13	51.53	-104.66	-53.13	-13.00	40.13	188	359	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	53.48	-118.00	-64.52	-13.00	51.52	362	19	Vertical
2	2518.77	51.74	-114.13	-62.39	-13.00	49.39	262	185	Vertical
3	3358.36	51.68	-112.02	-60.34	-13.00	47.34	241	357	Vertical
4	4197.95	49.45	-109.46	-60.01	-13.00	47.01	176	1	Vertical
5	5037.54	49.96	-107.51	-57.55	-13.00	44.55	284	289	Vertical
6	5887.13	50.66	-104.66	-54.00	-13.00	41.00	196	101	Vertical



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Test Band = UL CA Band 2A-5A_ 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	1649.18	40.13	-94.97	-54.84	-13.00	41.84	263	246	Horizontal
2	2473.77	40.45	-91.42	-50.97	-13.00	37.97	251	77	Horizontal
3	3298.36	49.93	-111.65	-61.72	-13.00	48.72	174	245	Horizontal
4	3702.18	50.22	-111.07	-60.85	-13.00	47.85	186	341	Horizontal
5	5553.27	49.19	-106.36	-57.17	-13.00	44.17	264	325	Horizontal
6	7404.36	48.51	-100.78	-52.27	-13.00	39.27	188	196	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.18	39.99	-94.97	-54.98	-13.00	41.98	265	0	Vertical
2	2473.77	41.29	-91.42	-50.13	-13.00	37.13	241	298	Vertical
3	3298.36	51.35	-111.65	-60.30	-13.00	47.30	176	359	Vertical
4	3702.18	50.90	-111.07	-60.17	-13.00	47.17	284	111	Vertical
5	5553.27	50.20	-106.36	-56.16	-13.00	43.16	196	210	Vertical
6	7404.36	49.28	-100.78	-51.50	-13.00	38.50	264	80	Vertical



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Test Band = UL CA Band 2A-5A_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	1664.18	41.10	-94.93	-53.83	-13.00	40.83	263	320	Horizontal
2	2496.27	41.19	-91.26	-50.07	-13.00	37.07	241	110	Horizontal
3	3328.36	51.77	-111.69	-59.92	-13.00	46.92	176	246	Horizontal
4	3742.18	52.11	-110.86	-58.75	-13.00	45.75	251	197	Horizontal
5	5613.27	49.72	-106.14	-56.42	-13.00	43.42	145	131	Horizontal
6	7484.36	47.19	-100.43	-53.24	-13.00	40.24	265	351	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	41.09	-94.93	-53.84	-13.00	40.84	241	8	Vertical
2	2496.27	41.33	-91.26	-49.93	-13.00	36.93	175	108	Vertical
3	3328.36	50.74	-111.69	-60.95	-13.00	47.95	265	209	Vertical
4	3742.18	51.54	-110.86	-59.32	-13.00	46.32	284	15	Vertical
5	5613.27	50.28	-106.14	-55.86	-13.00	42.86	196	291	Vertical
6	7484.25	54.45	-100.43	-45.98	-13.00	32.98	362	46	Vertical



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Test Band = UL CA Band 2A-5A_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	1679.18	40.73	-94.89	-54.16	-13.00	41.16	263	319	Horizontal
2	2518.77	40.62	-91.20	-50.58	-13.00	37.58	241	160	Horizontal
3	3358.36	51.84	-111.71	-59.87	-13.00	46.87	175	360	Horizontal
4	3782.18	52.31	-110.66	-58.35	-13.00	45.35	265	163	Horizontal
5	5673.27	49.61	-105.88	-56.27	-13.00	43.27	284	15	Horizontal
6	7564.36	48.30	-100.01	-51.71	-13.00	38.71	178	3	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	40.68	-94.89	-54.21	-13.00	41.21	241	26	Vertical
2	2518.77	41.38	-91.20	-49.82	-13.00	36.82	176	309	Vertical
3	3358.36	50.49	-111.71	-61.22	-13.00	48.22	284	358	Vertical
4	3782.18	52.34	-110.66	-58.32	-13.00	45.32	175	197	Vertical
5	5673.27	48.75	-105.88	-57.13	-13.00	44.13	265	295	Vertical
6	7564.36	52.49	-100.01	-47.52	-13.00	34.52	248	64	Vertical



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