

Report No.: SEWM2309000395RG01

Rev.: 01

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Appendix B.8

LTE Band 13



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Effective (Isotropic) Radiated Power Output Data for

SEWM2307000261RG01

Test Result

Ant0:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.85	16.90	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.70	16.75	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.82	16.87	34.77	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.77	15.82	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.86	15.91	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.96	16.01	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.95	16.00	34.77	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.98	15.03	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#0	21.97	15.02	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#12	22.05	15.10	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#24	22.06	15.11	34.77	PASS
Band13	5MHz	64QAM	23255	25RB#0	21.09	14.14	34.77	PASS
Band13	5MHz	256QAM	23205	1RB#0	19.18	12.23	34.77	PASS
Band13	5MHz	256QAM	23205	1RB#12	19.05	12.10	34.77	PASS
Band13	5MHz	256QAM	23205	1RB#24	19.28	12.33	34.77	PASS
Band13	5MHz	256QAM	23205	25RB#0	19.19	12.24	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.82	16.87	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.88	16.93	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.79	16.84	34.77	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.88	15.93	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.91	15.96	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.89	15.94	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.97	16.02	34.77	PASS
Band13	5MHz	16QAM	23255	25RB#0	22.02	15.07	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#0	21.99	15.04	34.77	PASS



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Band13	5MHz	64QAM	23205	1RB#12	22.09	15.14	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#24	22.03	15.08	34.77	PASS
Band13	5MHz	64QAM	23205	25RB#0	21.08	14.13	34.77	PASS
Band13	5MHz	256QAM	23230	1RB#0	19.38	12.43	34.77	PASS
Band13	5MHz	256QAM	23230	1RB#12	19.20	12.25	34.77	PASS
Band13	5MHz	256QAM	23230	1RB#24	19.27	12.32	34.77	PASS
Band13	5MHz	256QAM	23230	25RB#0	19.11	12.16	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.82	16.87	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.79	16.84	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.81	16.86	34.77	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.90	15.95	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.87	15.92	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.05	16.10	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.85	15.90	34.77	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.10	15.15	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#0	22.05	15.10	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#12	21.94	14.99	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#24	22.04	15.09	34.77	PASS
Band13	5MHz	64QAM	23230	25RB#0	21.07	14.12	34.77	PASS
Band13	5MHz	256QAM	23255	1RB#0	19.32	12.37	34.77	PASS
Band13	5MHz	256QAM	23255	1RB#12	19.22	12.27	34.77	PASS
Band13	5MHz	256QAM	23255	1RB#24	19.39	12.44	34.77	PASS
Band13	5MHz	256QAM	23255	25RB#0	19.43	12.48	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.91	16.96	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.78	16.83	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.84	16.89	34.77	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.79	15.84	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.90	15.95	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.94	15.99	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.00	16.05	34.77	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.03	15.08	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#0	21.99	15.04	34.77	PASS



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Band13	10MHz	64QAM	23230	1RB#24	22.02	15.07	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#49	22.05	15.10	34.77	PASS
Band13	10MHz	64QAM	23230	50RB#0	21.16	14.21	34.77	PASS
Band13	10MHz	256QAM	23230	1RB#0	19.20	12.25	34.77	PASS
Band13	10MHz	256QAM	23230	1RB#24	19.07	12.12	34.77	PASS
Band13	10MHz	256QAM	23230	1RB#49	19.25	12.30	34.77	PASS
Band13	10MHz	256QAM	23230	50RB#0	19.26	12.31	34.77	PASS



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Effective (Isotropic) Radiated Power Output Data for

SEWM2309000395RG01

Test Result

Ant0:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band13	10MHz	QPSK	23230	1RB#0	23.82	16.87	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.69	16.74	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.78	16.83	34.77	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	4.72	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.64	13	PASS
Band13	10MHz	64QAM	23230	50RB#0	6.22	13	PASS
Band13	10MHz	256QAM	23230	50RB#0	6.88	13	PASS

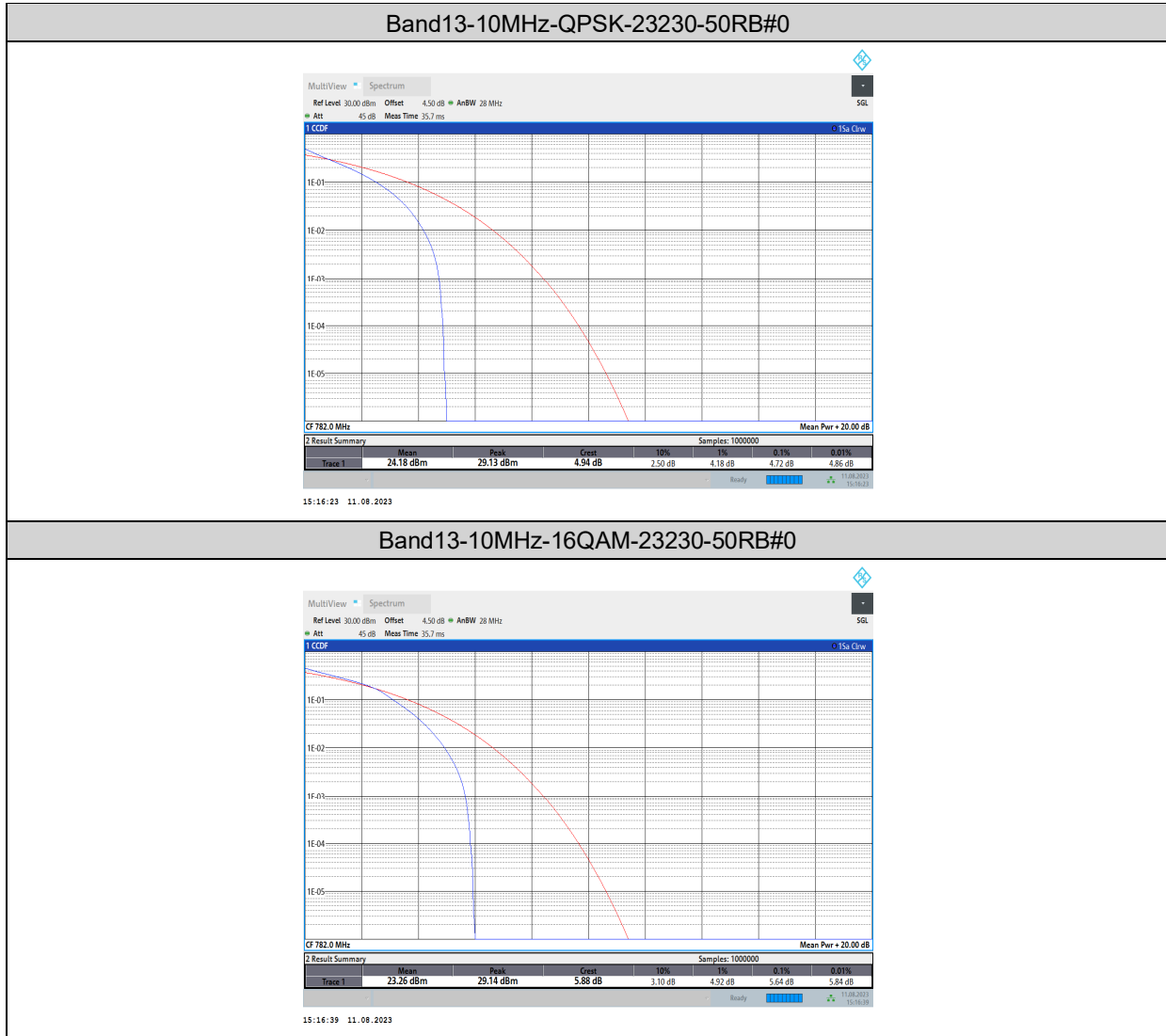


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Test Graphs

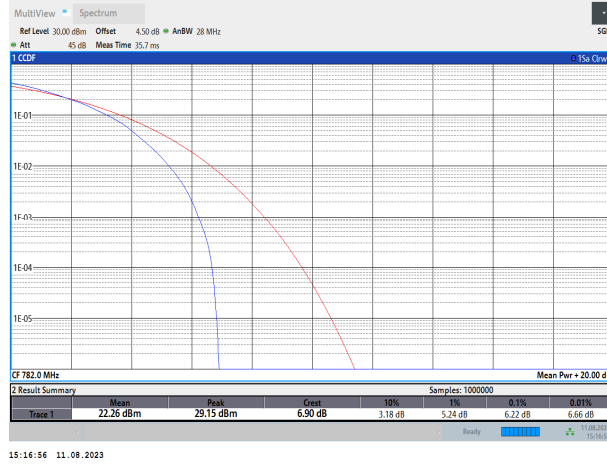


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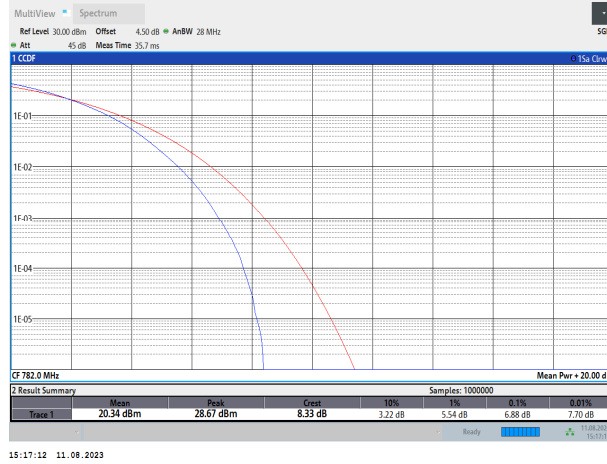
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Band13-10MHz-64QAM-23230-50RB#0



Band13-10MHz-256QAM-23230-50RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23230	25RB#0	4.478	5.01	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.475	5.05	PASS
Band13	5MHz	64QAM	23230	25RB#0	4.473	5.08	PASS
Band13	5MHz	256QAM	23230	25RB#0	4.479	5.04	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.954	9.62	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.946	9.84	PASS
Band13	10MHz	64QAM	23230	50RB#0	8.923	9.88	PASS
Band13	10MHz	256QAM	23230	50RB#0	8.930	9.80	PASS

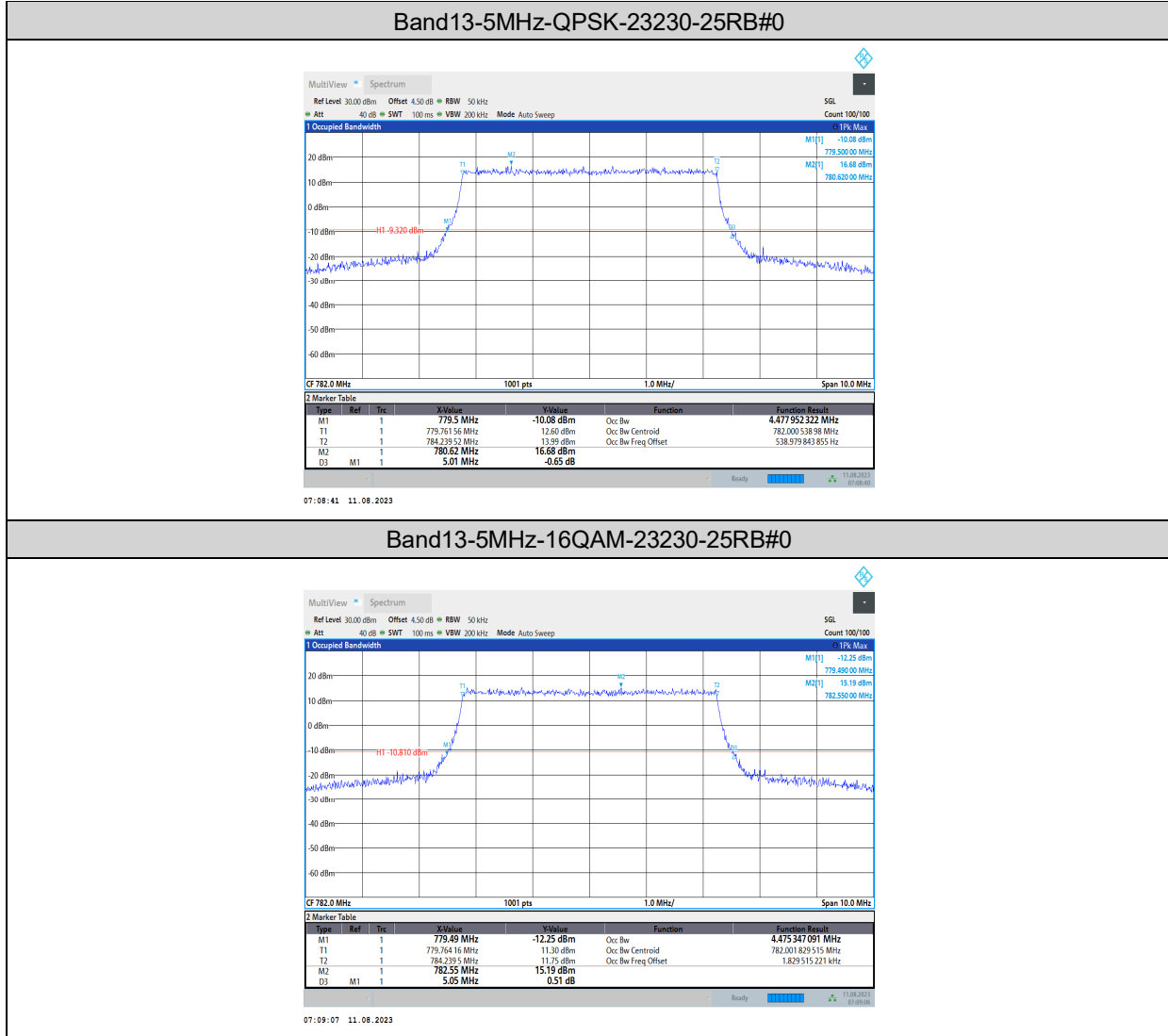


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Test Graphs

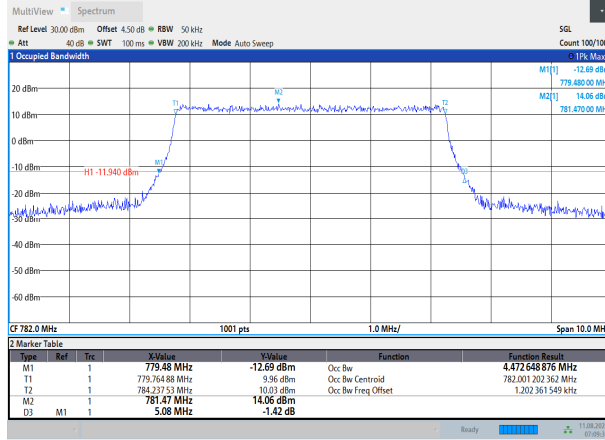


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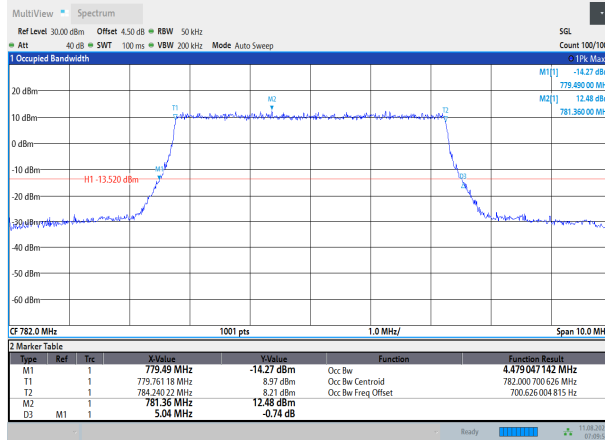
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Band13-5MHz-64QAM-23230-25RB#0



07:09:33 11.08.2023

Band13-5MHz-256QAM-23230-25RB#0



07:09:59 11.08.2023

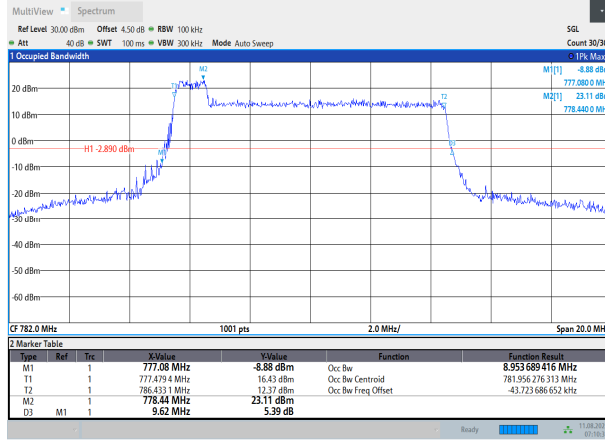


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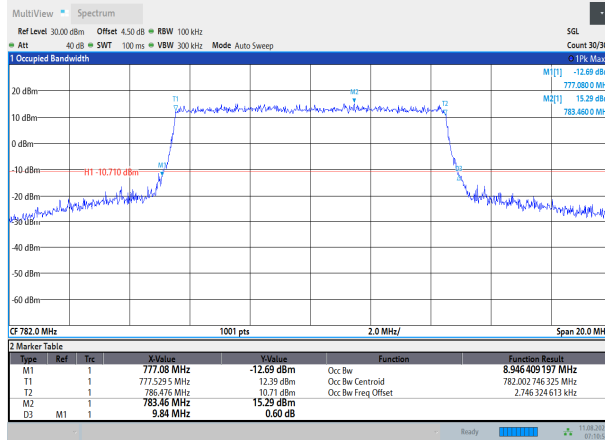
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Band13-10MHz-QPSK-23230-50RB#0



07:10:34 11.08.2023

Band13-10MHz-16QAM-23230-50RB#0



07:10:53 11.08.2023

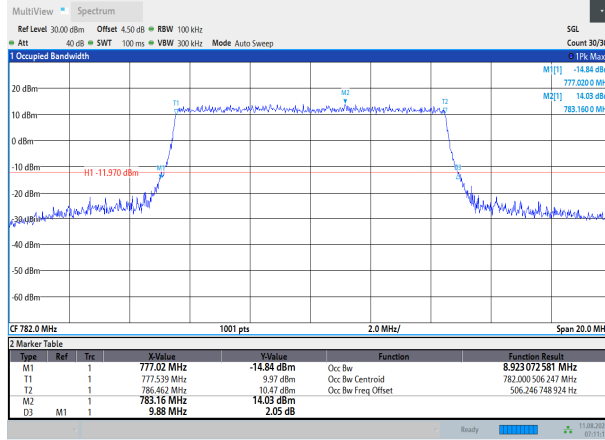


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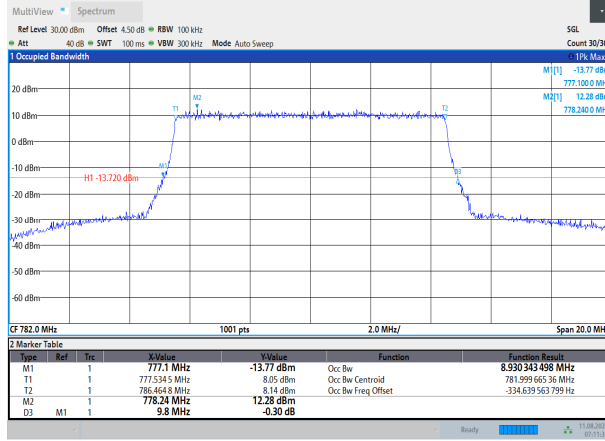
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Band13-10MHz-64QAM-23230-50RB#0



07:11:11 11.08.2023

Band13-10MHz-256QAM-23230-50RB#0



07:11:30 11.08.2023



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Band Edge

Test Graphs

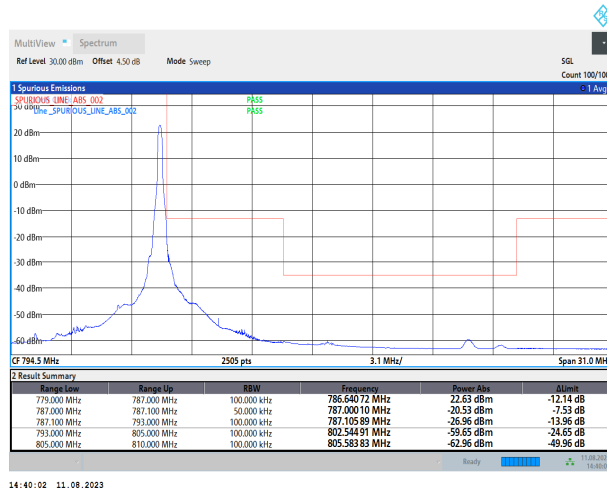

Band13-5MHz-QPSK-23205-25RB#0


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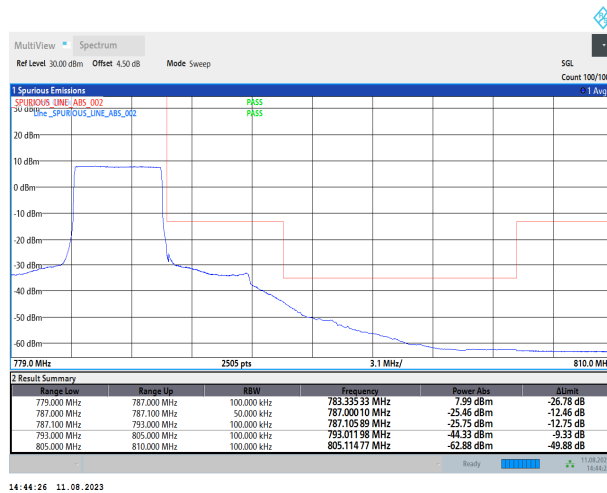
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Band13-5MHz-QPSK-23255-1RB#24



Band13-5MHz-QPSK-23255-25RB#0

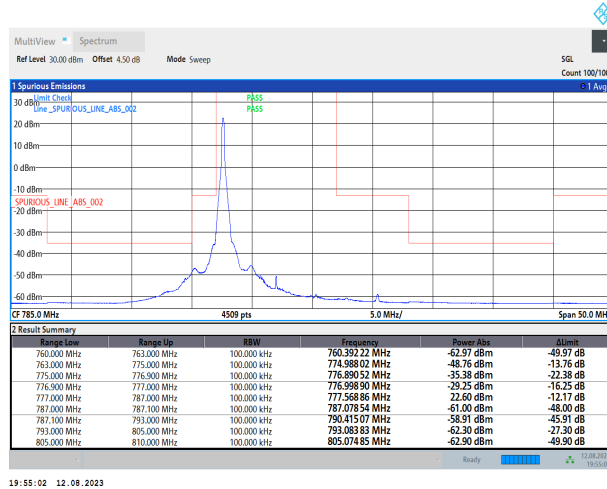


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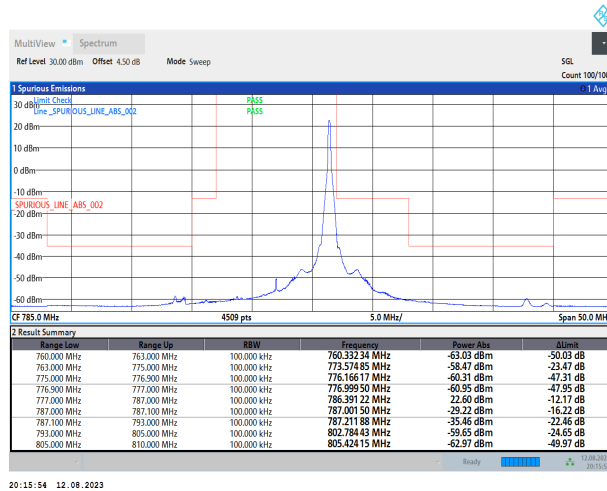
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Band13-10MHz-QPSK-23230-1RB#0



Band13-10MHz-QPSK-23230-1RB#49

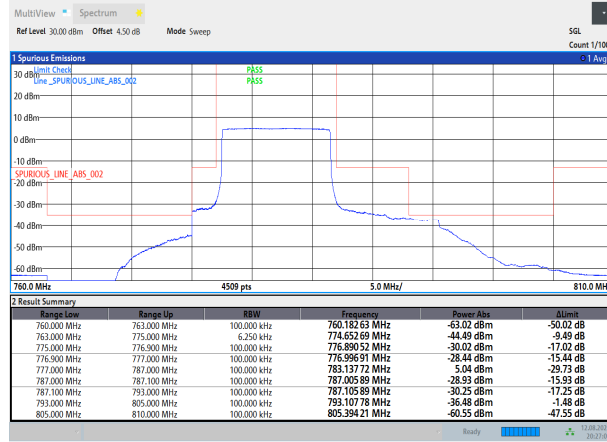


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Band13-10MHz-QPSK-23230-50RB#0



20:27:09 12.08.2023



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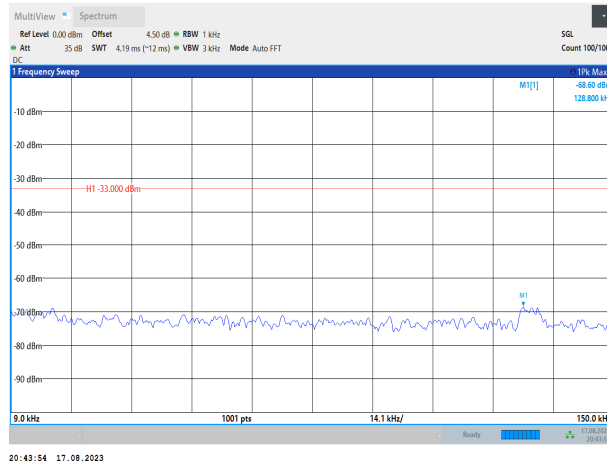
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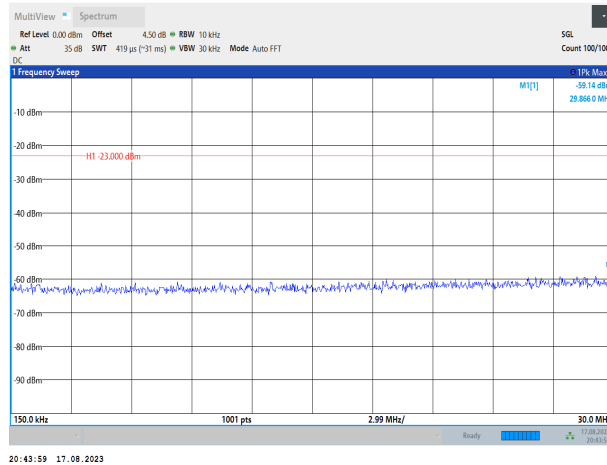
Conducted Spurious Emission

Test Graphs

Band13-10MHz-QPSK-23230-1RB#0-Range1:0.009~0.15MHz



Band13-10MHz-QPSK-23230-1RB#0-Range2:0.15~30MHz

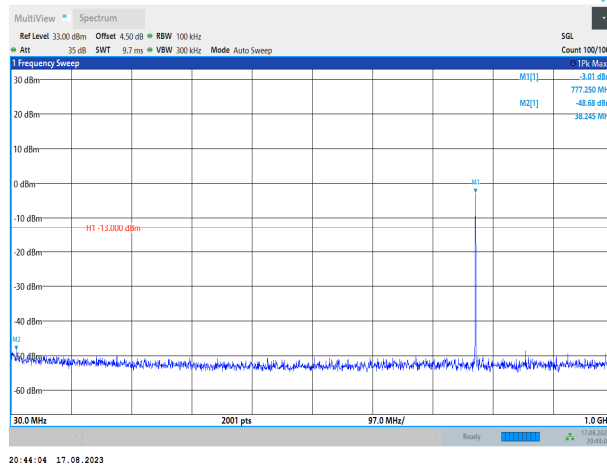


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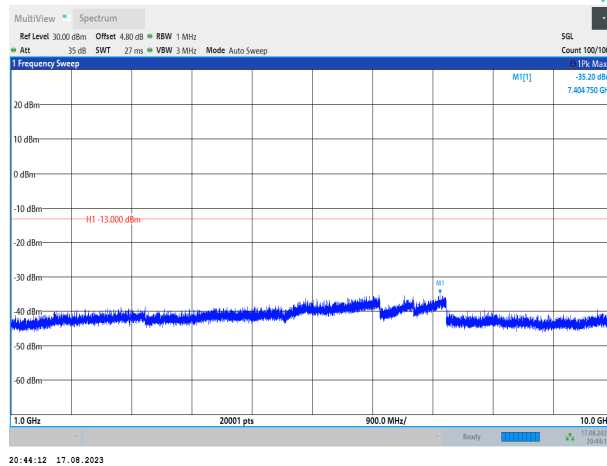
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Band13-10MHz-QPSK-23230-1RB#0-Range3:30~1000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range4:1000~10000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band13_10M_TM1

Test Channel = Mid ANT0

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.1800	44.36	-48.30	25.18	-74.02	-13.00	61.02	244	280	Horizontal
2	2332.7700	43.01	-47.48	26.83	-72.90	-13.00	59.90	156	81	Horizontal
3	3110.3600	42.83	-46.70	28.37	-70.76	-13.00	57.76	236	1	Horizontal
4	3887.9500	41.66	-46.22	28.99	-70.83	-13.00	57.83	261	0	Horizontal
5	4665.5400	41.32	-45.80	30.66	-69.07	-13.00	56.07	158	254	Horizontal
6	5443.1300	41.32	-45.04	32.46	-66.52	-13.00	53.52	178	28	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	1555.1800	44.48	-48.30	25.18	-73.90	-13.00	60.90	288	222	Vertical
2	2332.7700	43.46	-47.48	26.83	-72.45	-13.00	59.45	147	118	Vertical
3	3110.3600	42.82	-46.70	28.37	-70.77	-13.00	57.77	156	302	Vertical
4	3887.9500	41.45	-46.22	28.99	-71.04	-13.00	58.04	136	210	Vertical
5	4665.5400	40.79	-45.80	30.66	-69.60	-13.00	56.60	256	359	Vertical
6	5443.1300	41.40	-45.04	32.46	-66.44	-13.00	53.44	261	25	Vertical



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Test Band = LTE Band13_5M_TM1

Test Channel = Low ANT0

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	44.23	-48.30	25.18	-74.15	-13.00	61.15	259	214	Horizontal
2	2332.0200	43.31	-47.48	26.83	-72.60	-13.00	59.60	188	0	Horizontal
3	3109.3600	42.78	-46.71	28.37	-70.82	-13.00	57.82	145	109	Horizontal
4	3886.7000	41.91	-46.22	28.99	-70.58	-13.00	57.58	186	240	Horizontal
5	4664.0400	40.65	-45.80	30.66	-69.74	-13.00	56.74	265	0	Horizontal
6	5441.3800	40.81	-45.04	32.46	-67.03	-13.00	54.03	142	1	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	43.31	-48.30	25.18	-75.07	-13.00	62.07	255	51	Vertical
2	2332.0200	43.25	-47.48	26.83	-72.66	-13.00	59.66	142	263	Vertical
3	3109.3600	42.58	-46.71	28.37	-71.02	-13.00	58.02	123	289	Vertical
4	3886.7000	41.48	-46.22	28.99	-71.01	-13.00	58.01	261	359	Vertical
5	4664.0400	40.50	-45.80	30.66	-69.89	-13.00	56.89	153	170	Vertical
6	5441.3800	41.13	-45.04	32.46	-66.71	-13.00	53.71	261	302	Vertical



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Test Band = LTE Band13_5M_ TM1

Test Channel = Mid ANT0

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	50.72	-48.30	25.18	-67.66	-40.00	27.66	155	269	Horizontal
2	2339.5200	43.58	-47.48	26.85	-72.31	-13.00	59.31	129	176	Horizontal
3	3119.3600	42.59	-46.66	28.37	-70.96	-13.00	57.96	142	1	Horizontal
4	3899.2000	40.98	-46.23	29.00	-71.51	-13.00	58.51	126	322	Horizontal
5	4679.0400	40.33	-45.80	30.69	-70.03	-13.00	57.03	230	281	Horizontal
6	5458.8800	40.67	-45.07	32.50	-67.16	-13.00	54.16	150	309	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	48.07	-48.30	25.18	-70.31	-40.00	30.31	144	25	Vertical
2	2339.5200	43.39	-47.48	26.85	-72.50	-13.00	59.50	122	314	Vertical
3	3119.3600	42.67	-46.66	28.37	-70.88	-13.00	57.88	136	359	Vertical
4	3899.2000	40.97	-46.23	29.00	-71.52	-13.00	58.52	259	350	Vertical
5	4679.0400	41.02	-45.80	30.69	-69.34	-13.00	56.34	188	12	Vertical
6	5458.8800	41.15	-45.07	32.50	-66.68	-13.00	53.68	175	76	Vertical



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Test Band = LTE Band13_5M_ TM1

Test Channel = High ANT0

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	50.06	-48.29	25.18	-68.31	-40.00	28.31	236	281	Horizontal
2	2347.0200	43.34	-47.48	26.87	-72.52	-13.00	59.52	265	135	Horizontal
3	3129.3600	42.83	-46.61	28.38	-70.67	-13.00	57.67	145	148	Horizontal
4	3911.7000	41.36	-46.23	29.01	-71.11	-13.00	58.11	155	307	Horizontal
5	4694.0400	41.30	-45.80	30.73	-69.03	-13.00	56.03	199	347	Horizontal
6	5476.3800	40.88	-45.10	32.54	-66.94	-13.00	53.94	127	255	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	48.34	-48.29	25.18	-70.03	-40.00	30.03	222	318	Vertical
2	2347.0200	43.62	-47.48	26.87	-72.24	-13.00	59.24	154	356	Vertical
3	3129.3600	42.87	-46.61	28.38	-70.63	-13.00	57.63	185	343	Vertical
4	3911.7000	41.36	-46.23	29.01	-71.11	-13.00	58.11	196	157	Vertical
5	4694.0400	41.23	-45.80	30.73	-69.10	-13.00	56.10	256	359	Vertical
6	5476.3800	40.53	-45.10	32.54	-67.29	-13.00	54.29	136	359	Vertical



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Test Band = LTE Band13_10M_TM1

Test Channel = Mid ANT1

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.1800	45.28	-48.30	25.18	-73.10	-13.00	60.10	244	231	Horizontal
2	2332.7700	43.69	-47.48	26.83	-72.22	-13.00	59.22	158	110	Horizontal
3	3110.3600	42.53	-46.70	28.37	-71.06	-13.00	58.06	142	335	Horizontal
4	3887.9500	42.08	-46.22	28.99	-70.41	-13.00	57.41	126	72	Horizontal
5	4665.5400	40.89	-45.80	30.66	-69.50	-13.00	56.50	126	151	Horizontal
6	5443.1300	41.34	-45.04	32.46	-66.50	-13.00	53.50	133	84	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	1555.1800	43.57	-48.30	25.18	-74.81	-13.00	61.81	244	26	Vertical
2	2332.7700	43.19	-47.48	26.83	-72.72	-13.00	59.72	156	263	Vertical
3	3110.3600	42.83	-46.70	28.37	-70.76	-13.00	57.76	188	318	Vertical
4	3887.9500	41.41	-46.22	28.99	-71.08	-13.00	58.08	175	359	Vertical
5	4665.5400	40.84	-45.80	30.66	-69.55	-13.00	56.55	163	66	Vertical
6	5443.1300	41.79	-45.04	32.46	-66.05	-13.00	53.05	256	360	Vertical



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Test Band = LTE Band13_5M_TM1

Test Channel = Low ANT1

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	43.67	-48.30	25.18	-74.71	-13.00	61.71	244	68	Horizontal
2	2332.0200	43.31	-47.48	26.83	-72.60	-13.00	59.60	153	68	Horizontal
3	3109.3600	42.43	-46.71	28.37	-71.17	-13.00	58.17	261	68	Horizontal
4	3886.7000	41.55	-46.22	28.99	-70.94	-13.00	57.94	158	136	Horizontal
5	4664.0400	41.11	-45.80	30.66	-69.28	-13.00	56.28	196	215	Horizontal
6	5441.3800	40.47	-45.04	32.46	-67.37	-13.00	54.37	254	148	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	43.49	-48.30	25.18	-74.89	-13.00	61.89	244	360	Vertical
2	2332.0200	42.99	-47.48	26.83	-72.92	-13.00	59.92	157	40	Vertical
3	3109.3600	42.67	-46.71	28.37	-70.93	-13.00	57.93	166	359	Vertical
4	3886.7000	41.24	-46.22	28.99	-71.25	-13.00	58.25	261	305	Vertical
5	4664.0400	40.73	-45.80	30.66	-69.66	-13.00	56.66	156	278	Vertical
6	5441.3800	41.10	-45.04	32.46	-66.74	-13.00	53.74	245	290	Vertical



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Test Band = LTE Band13_5M_TM1

Test Channel = Mid ANT1

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	50.58	-48.30	25.18	-67.80	-40.00	27.80	233	269	Horizontal
2	2339.5200	43.09	-47.48	26.85	-72.80	-13.00	59.80	265	189	Horizontal
3	3119.3600	42.58	-46.66	28.37	-70.97	-13.00	57.97	159	356	Horizontal
4	3899.2000	41.35	-46.23	29.00	-71.14	-13.00	58.14	185	136	Horizontal
5	4679.0400	40.78	-45.80	30.69	-69.58	-13.00	56.58	145	335	Horizontal
6	5458.8800	40.74	-45.07	32.50	-67.09	-13.00	54.09	175	215	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	47.97	-48.30	25.18	-70.41	-40.00	30.41	233	359	Vertical
2	2339.5200	43.28	-47.48	26.85	-72.61	-13.00	59.61	265	224	Vertical
3	3119.3600	42.72	-46.66	28.37	-70.83	-13.00	57.83	156	171	Vertical
4	3899.2000	41.39	-46.23	29.00	-71.10	-13.00	58.10	145	212	Vertical
5	4679.0400	40.27	-45.80	30.69	-70.09	-13.00	57.09	188	212	Vertical
6	5458.8800	41.44	-45.07	32.50	-66.39	-13.00	53.39	198	356	Vertical



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Test Band = LTE Band13_5M_ TM1

Test Channel = High ANT1

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	51.70	-48.29	25.18	-66.67	-40.00	26.67	244	230	Horizontal
2	2347.0200	43.38	-47.48	26.87	-72.48	-13.00	59.48	158	0	Horizontal
3	3129.3600	43.13	-46.61	28.38	-70.37	-13.00	57.37	144	164	Horizontal
4	3911.7000	41.86	-46.23	29.01	-70.61	-13.00	57.61	126	256	Horizontal
5	4694.0400	41.40	-45.80	30.73	-68.93	-13.00	55.93	265	256	Horizontal
6	5476.3800	40.70	-45.10	32.54	-67.12	-13.00	54.12	400	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	1564.6800	48.47	-48.29	25.18	-69.90	-40.00	29.90	244	236	Vertical
2	2347.0200	43.44	-47.48	26.87	-72.42	-13.00	59.42	156	77	Vertical
3	3129.3600	42.96	-46.61	28.38	-70.54	-13.00	57.54	136	355	Vertical
4	3911.7000	41.41	-46.23	29.01	-71.06	-13.00	58.06	259	38	Vertical
5	4694.0400	41.07	-45.80	30.73	-69.26	-13.00	56.26	186	360	Vertical
6	5476.3800	40.62	-45.10	32.54	-67.20	-13.00	54.20	156	50	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) - Pre-amplifier (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
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	0.50	0.000639	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	1.00	0.001279	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	1.10	0.001407	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-1.50	-0.001918	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	0.70	0.000895	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-0.20	-0.000256	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	0.40	0.000512	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	1.40	0.001790	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	0.10	0.000128	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	0.70	0.000895	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	0.40	0.000512	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	0.80	0.001023	PASS

---End of Attachment---



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