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Appendix B.6

LTE Band 13



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Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	22.89	22.57	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#12	22.93	22.61	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#24	22.82	22.5	34.77	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.01	21.69	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#0	22.96	22.64	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#12	22.93	22.61	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#24	22.91	22.59	34.77	PASS
Band13	5MHz	QPSK	23230	25RB#0	21.88	21.56	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#0	22.89	22.57	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#12	22.96	22.64	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#24	22.93	22.61	34.77	PASS
Band13	5MHz	QPSK	23255	25RB#0	21.92	21.6	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.07	21.75	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.06	21.74	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#24	21.89	21.57	34.77	PASS
Band13	5MHz	16QAM	23205	25RB#0	20.99	20.67	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.1	21.78	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.03	21.71	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.2	21.88	34.77	PASS
Band13	5MHz	16QAM	23230	25RB#0	20.86	20.54	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#0	21.94	21.62	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.19	21.87	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#24	21.83	21.51	34.77	PASS
Band13	5MHz	16QAM	23255	25RB#0	20.96	20.64	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#0	21.02	20.7	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#12	21.09	20.77	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#24	21.02	20.7	34.77	PASS



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Band13	5MHz	64QAM	23205	25RB#0	19.9	19.58	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#0	21.14	20.82	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#12	21.12	20.8	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#24	20.92	20.6	34.77	PASS
Band13	5MHz	64QAM	23230	25RB#0	19.87	19.55	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#0	21.02	20.7	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#12	21.07	20.75	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#24	21	20.68	34.77	PASS
Band13	5MHz	64QAM	23255	25RB#0	20.02	19.7	34.77	PASS
Band13	5MHz	256QAM	23205	1RB#0	17.91	17.59	34.77	PASS
Band13	5MHz	256QAM	23205	1RB#12	18.11	17.79	34.77	PASS
Band13	5MHz	256QAM	23205	1RB#24	17.92	17.6	34.77	PASS
Band13	5MHz	256QAM	23205	25RB#0	17.98	17.66	34.77	PASS
Band13	5MHz	256QAM	23230	1RB#0	18.04	17.72	34.77	PASS
Band13	5MHz	256QAM	23230	1RB#12	18.04	17.72	34.77	PASS
Band13	5MHz	256QAM	23230	1RB#24	17.95	17.63	34.77	PASS
Band13	5MHz	256QAM	23230	25RB#0	17.83	17.51	34.77	PASS
Band13	5MHz	256QAM	23255	1RB#0	18.03	17.71	34.77	PASS
Band13	5MHz	256QAM	23255	1RB#12	18.08	17.76	34.77	PASS
Band13	5MHz	256QAM	23255	1RB#24	17.92	17.6	34.77	PASS
Band13	5MHz	256QAM	23255	25RB#0	17.96	17.64	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	22.96	22.64	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#24	22.94	22.62	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#49	22.77	22.45	34.77	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.05	21.73	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#0	21.95	21.63	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.04	21.72	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#49	21.98	21.66	34.77	PASS
Band13	10MHz	16QAM	23230	50RB#0	20.82	20.5	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#0	21.09	20.77	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#24	21.2	20.88	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#49	20.86	20.54	34.77	PASS



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Band13	10MHz	64QAM	23230	50RB#0	19.86	19.54	34.77	PASS
Band13	10MHz	256QAM	23230	1RB#0	17.88	17.56	34.77	PASS
Band13	10MHz	256QAM	23230	1RB#24	18.07	17.75	34.77	PASS
Band13	10MHz	256QAM	23230	1RB#49	17.89	17.57	34.77	PASS
Band13	10MHz	256QAM	23230	50RB#0	17.85	17.53	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	5.38	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.12	13	PASS
Band13	10MHz	64QAM	23230	50RB#0	6.50	13	PASS
Band13	10MHz	256QAM	23230	50RB#0	6.68	13	PASS



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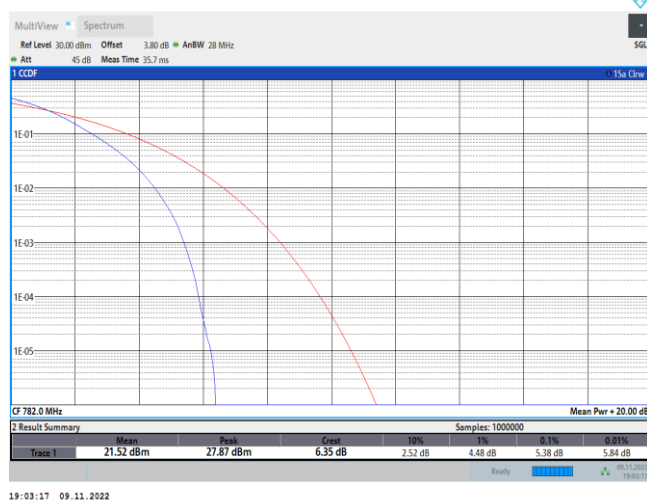
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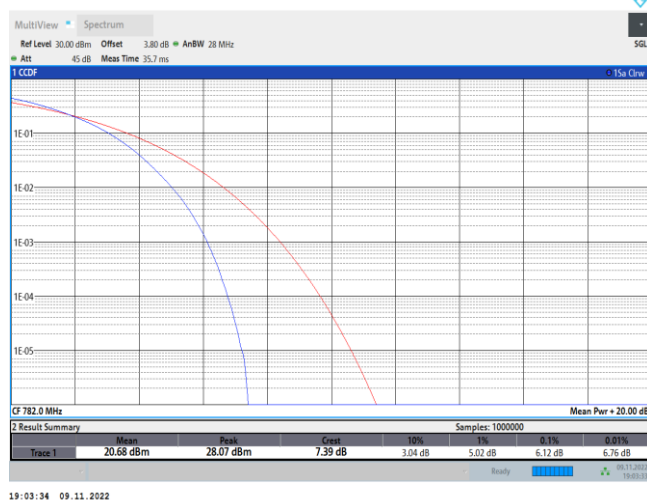
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Test Graphs

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



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



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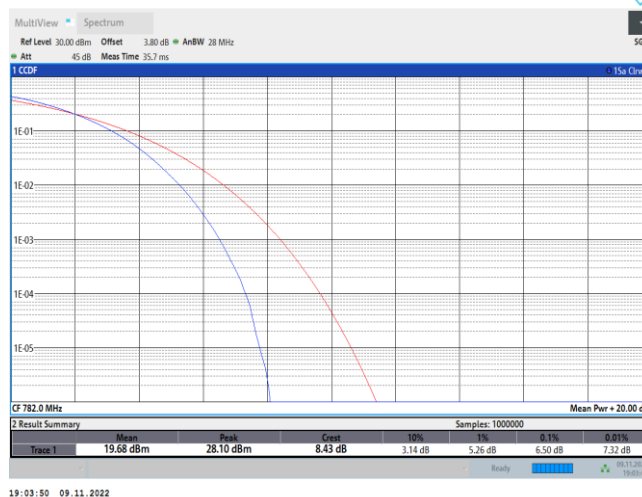
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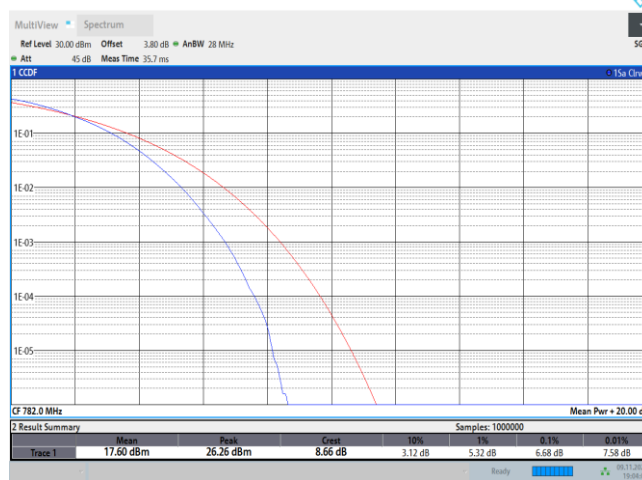
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Band13-10MHz-64QAM-23230-50RB#0



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



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band13	10MHz	QPSK	23230	50RB#0	PASS	PASS
Band13	10MHz	16QAM	23230	50RB#0	PASS	PASS
Band13	10MHz	64QAM	23230	50RB#0	PASS	PASS
Band13	10MHz	256QAM	23230	50RB#0	PASS	PASS



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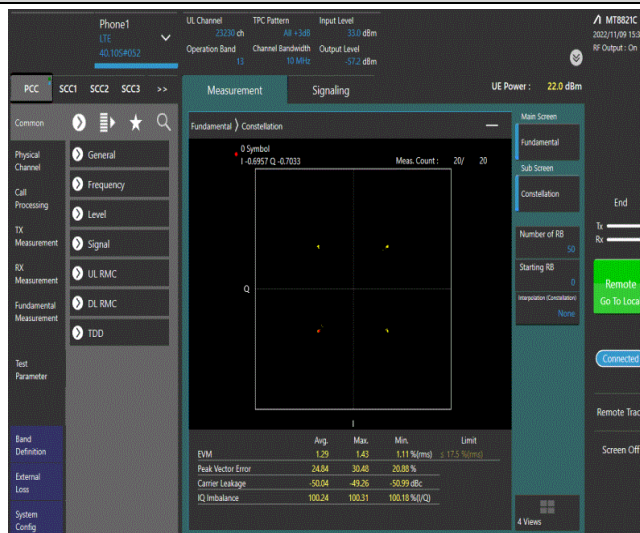
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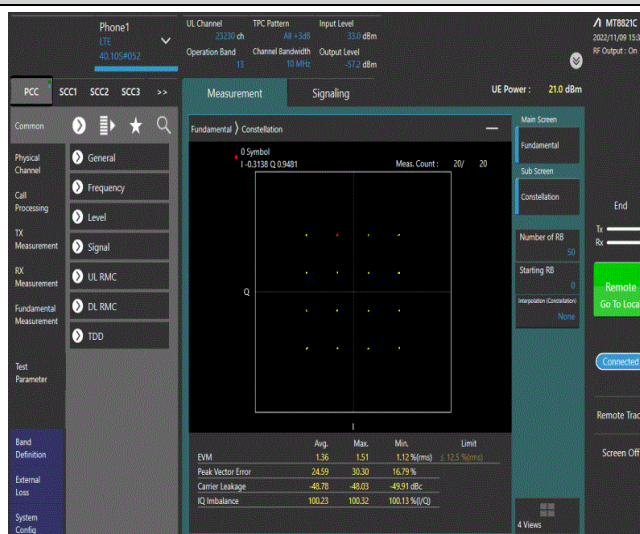
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Test Graphs

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



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



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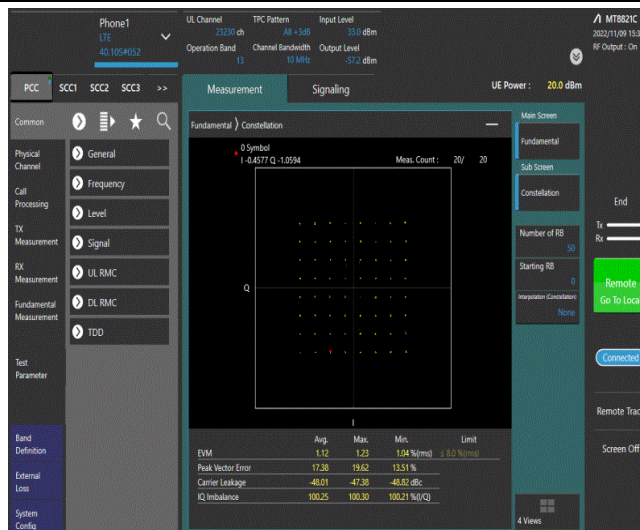
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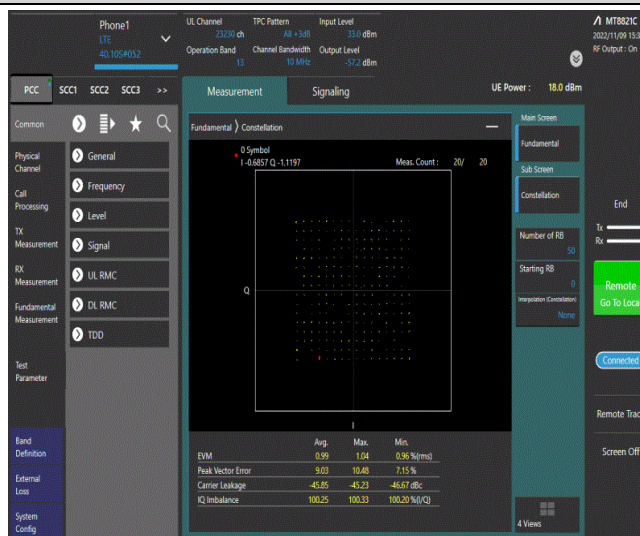
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Band13-10MHz-64QAM-23230-50RB#0



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	23205	25RB#0	4.469	4.92	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.479	5.04	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.474	5.04	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.47	4.96	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.476	5.03	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.479	5.04	PASS
Band13	5MHz	64QAM	23205	25RB#0	4.469	4.96	PASS
Band13	5MHz	64QAM	23230	25RB#0	4.477	5.03	PASS
Band13	5MHz	64QAM	23255	25RB#0	4.482	5.10	PASS
Band13	5MHz	256QAM	23205	25RB#0	4.469	4.95	PASS
Band13	5MHz	256QAM	23230	25RB#0	4.471	5.03	PASS
Band13	5MHz	256QAM	23255	25RB#0	4.476	5.02	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.916	9.70	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.912	9.76	PASS
Band13	10MHz	64QAM	23230	50RB#0	8.916	9.78	PASS
Band13	10MHz	256QAM	23230	50RB#0	8.915	9.70	PASS



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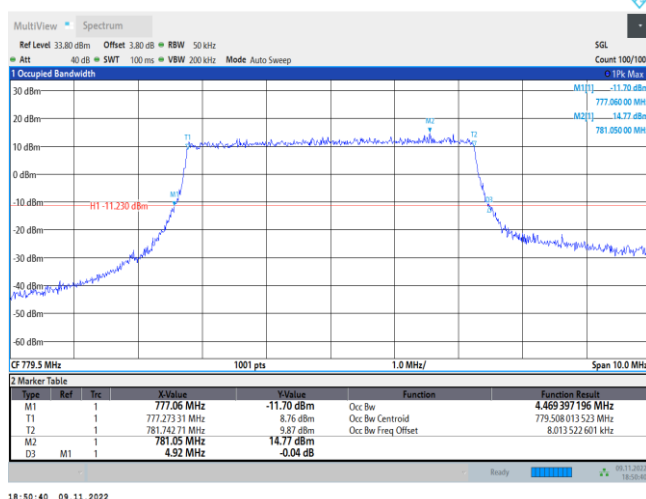
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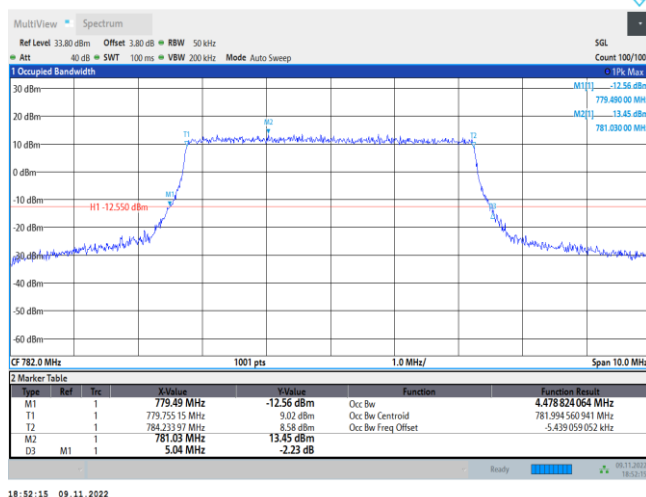
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Test Graphs

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



Band13-5MHz-QPSK-23230-25RB#0



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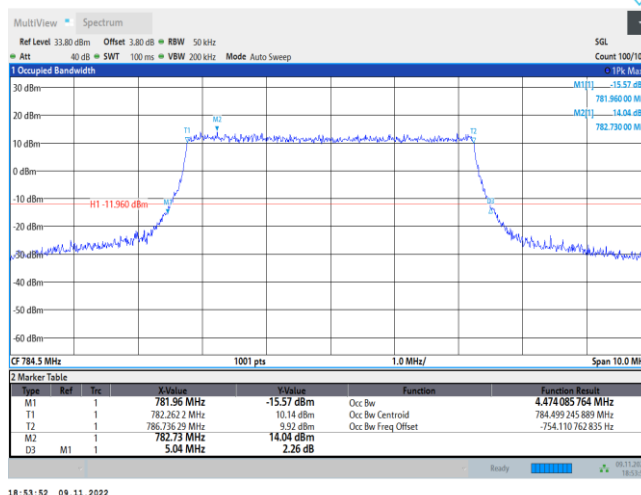
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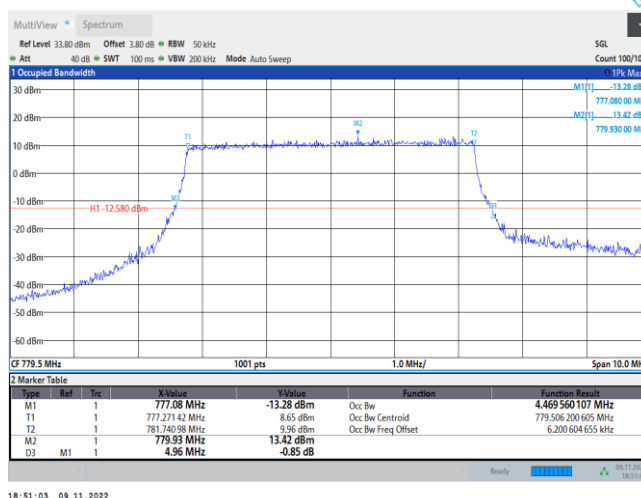
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Band13-5MHz-QPSK-23255-25RB#0



Band13-5MHz-16QAM-23205-25RB#0



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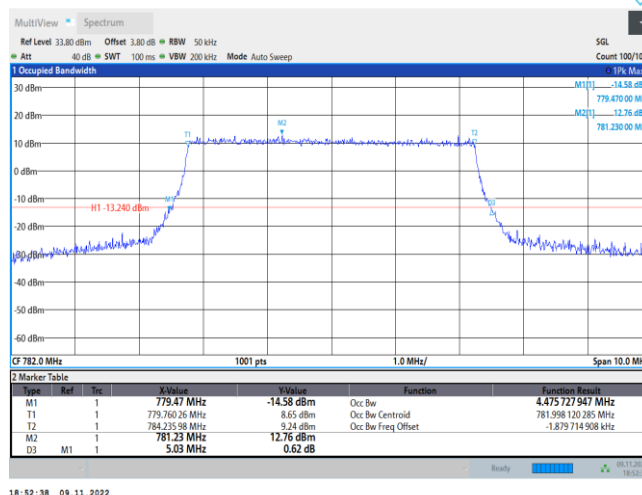
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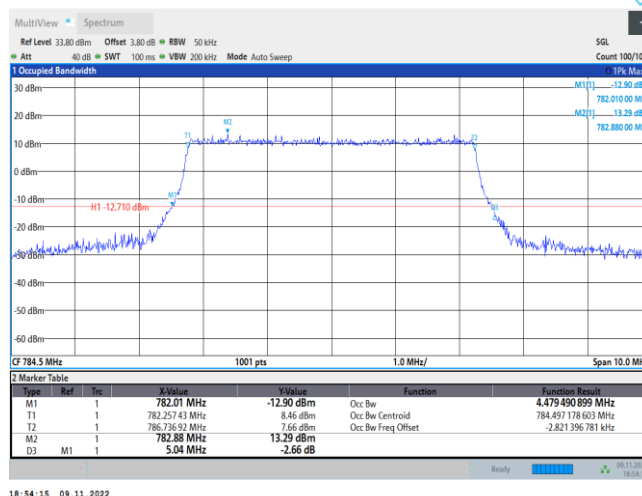
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Band13-5MHz-16QAM-23230-25RB#0



Band13-5MHz-16QAM-23255-25RB#0



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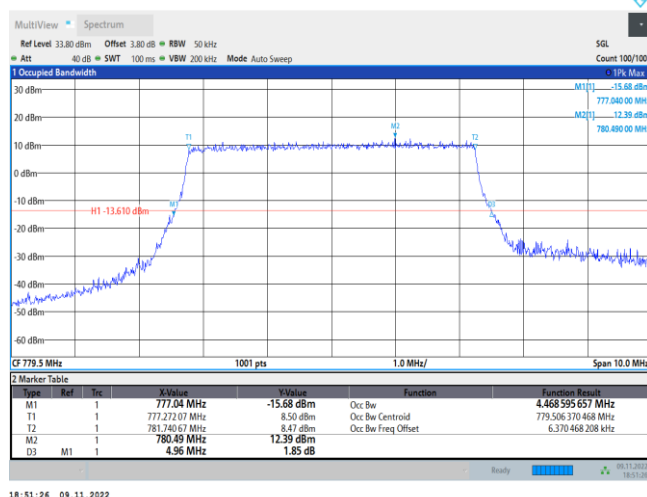
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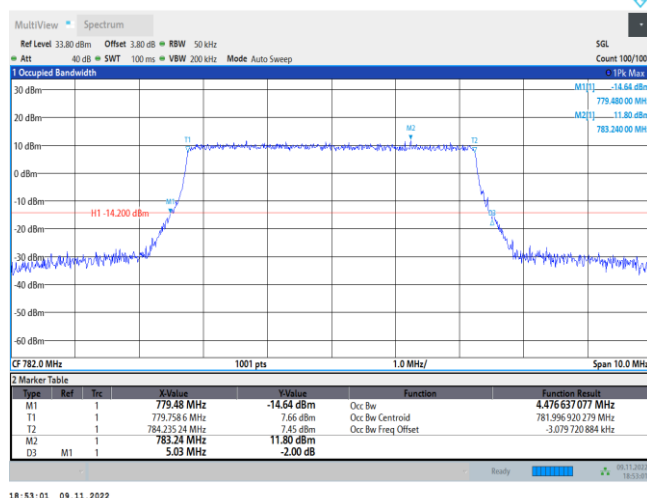
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Band13-5MHz-64QAM-23205-25RB#0



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



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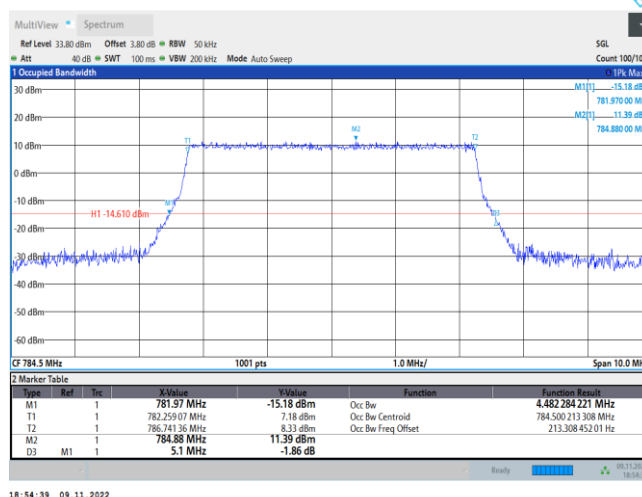
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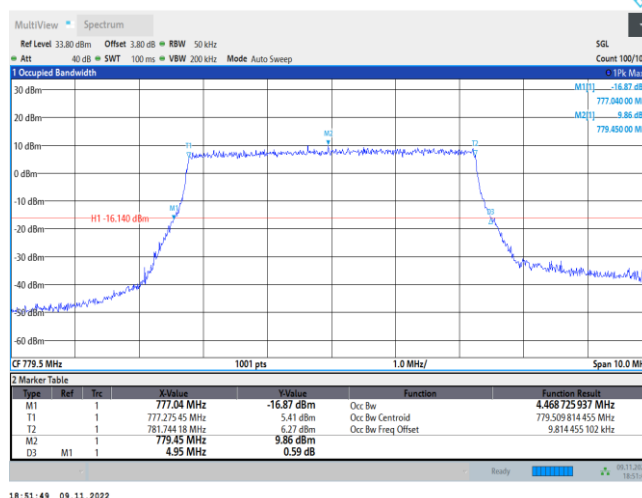
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Band13-5MHz-256QAM-23205-25RB#0



18:51:49 09.11.2022



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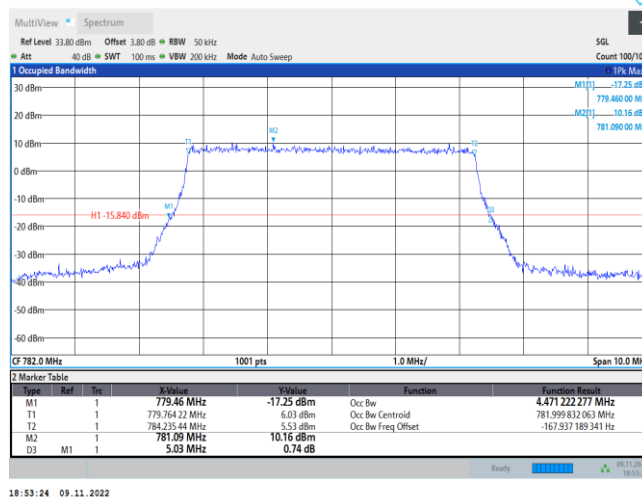
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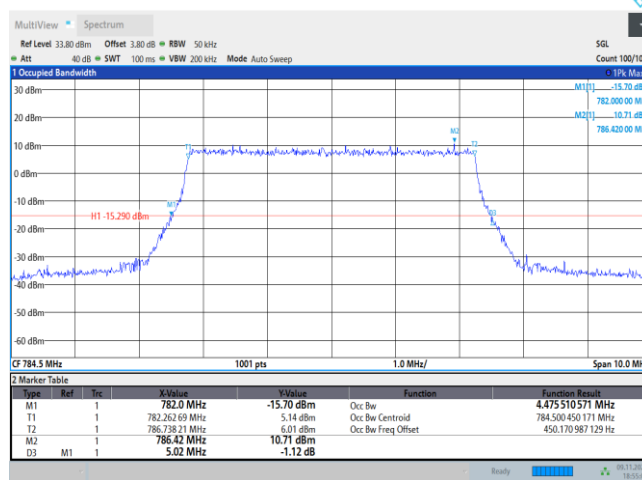
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Band13-5MHz-256QAM-23255-25RB#0



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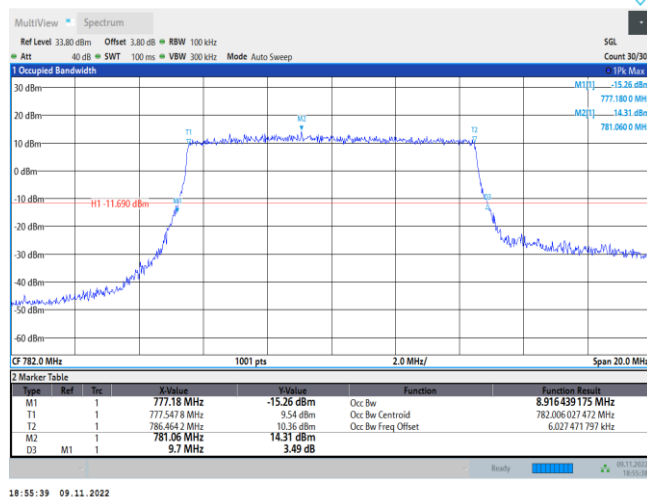
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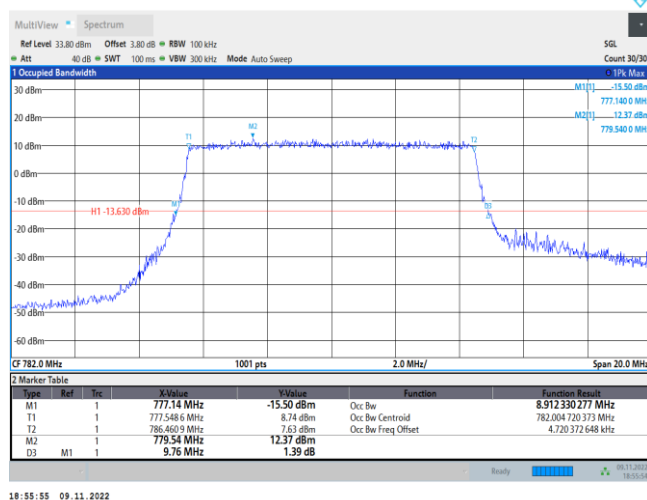
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Band13-10MHz-QPSK-23230-50RB#0



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



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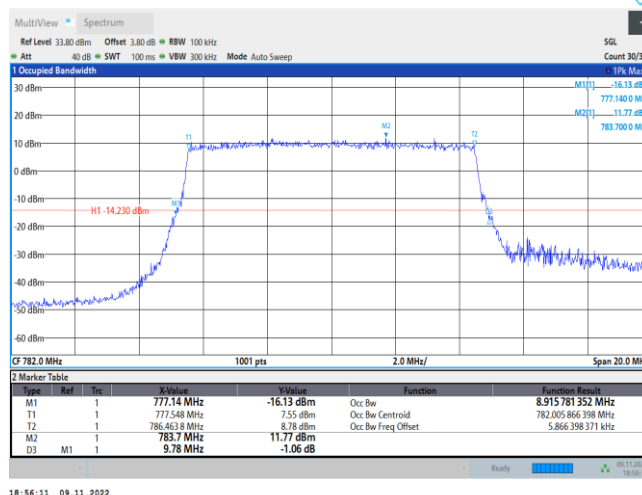
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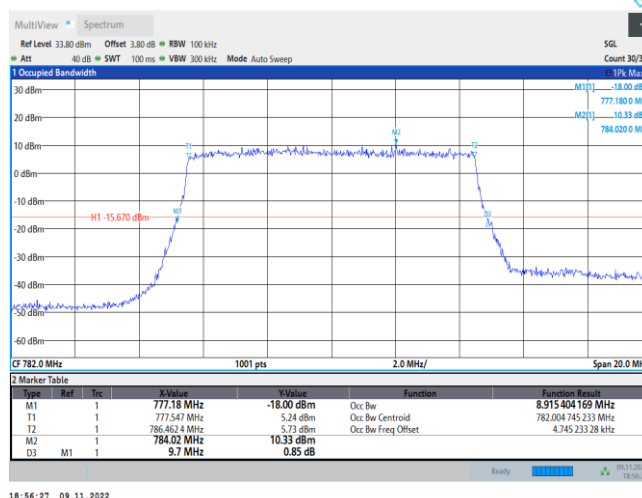
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Band13-10MHz-64QAM-23230-50RB#0



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



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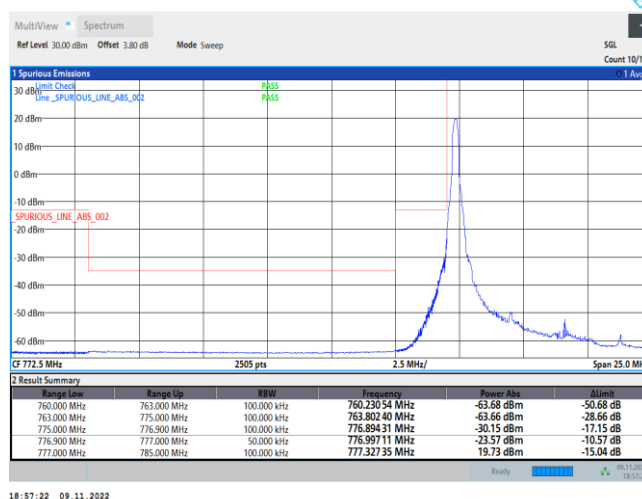
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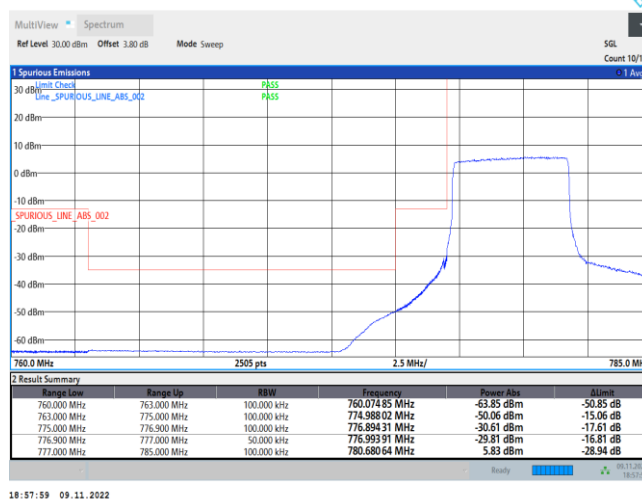
Band Edge

Test Graphs

Band13-5MHz-QPSK-23205-1RB#0



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



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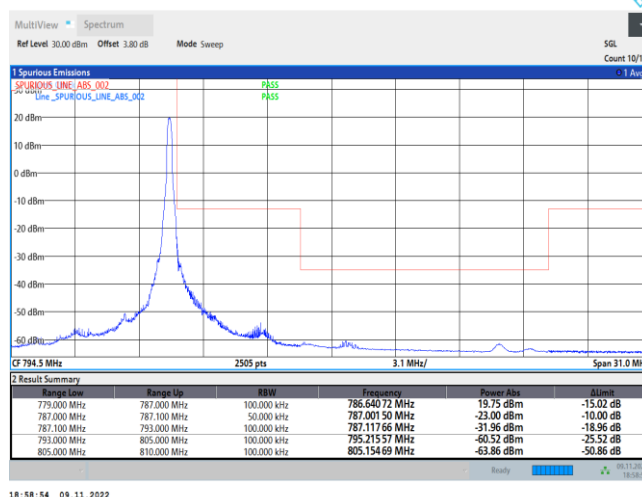
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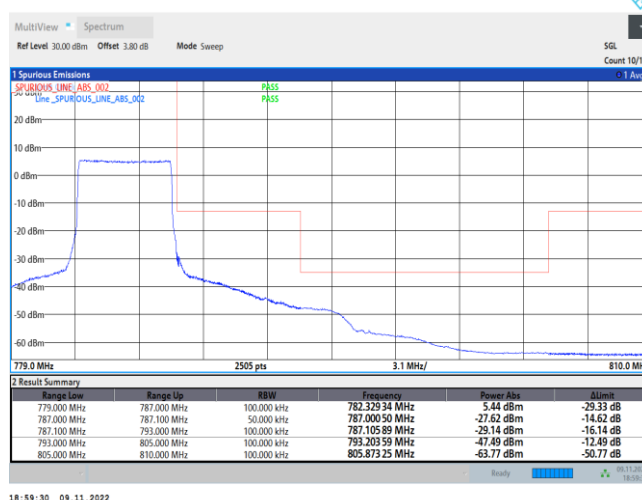
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Band13-5MHz-QPSK-23255-1RB#24



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



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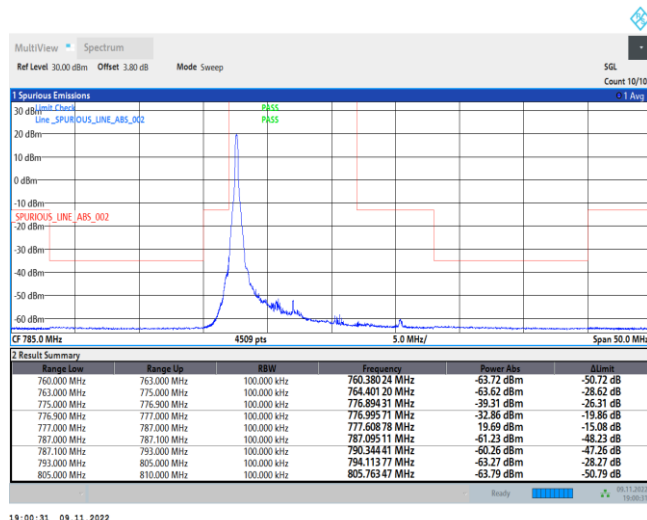
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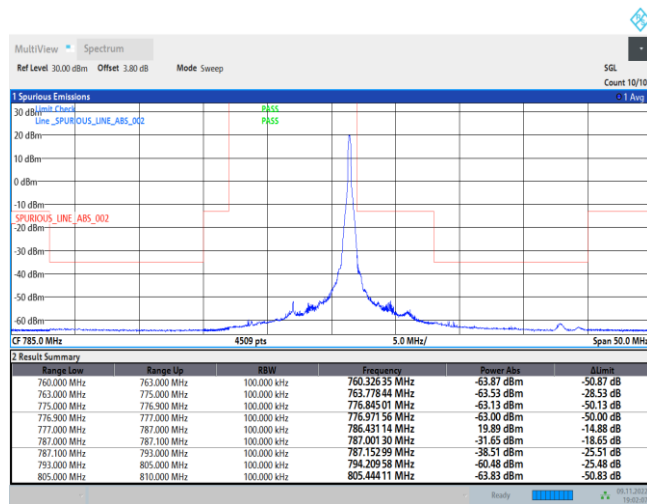
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Band13-10MHz-QPSK-23230-1RB#0



19:00:31 09.11.2022

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



19:02:08 09.11.2022



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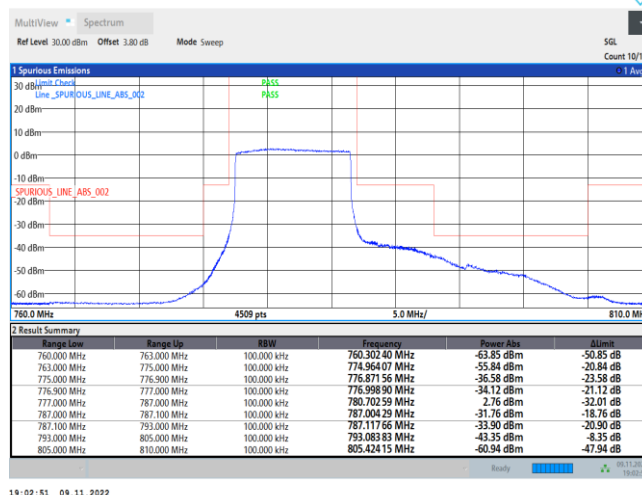
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Band13-10MHz-QPSK-23230-50RB#0



19:02:51 09.11.2022



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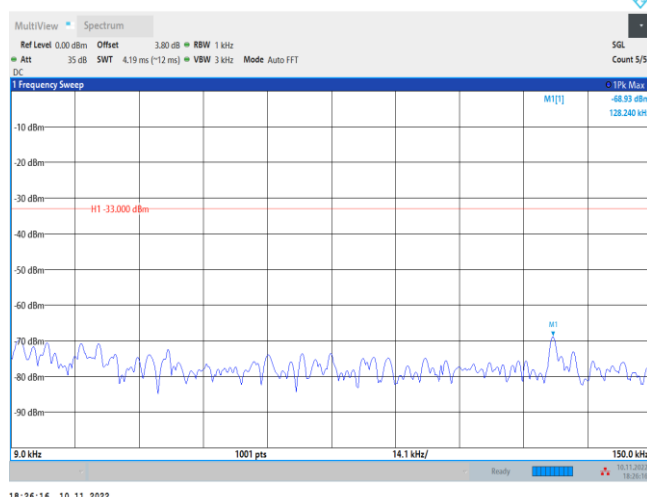
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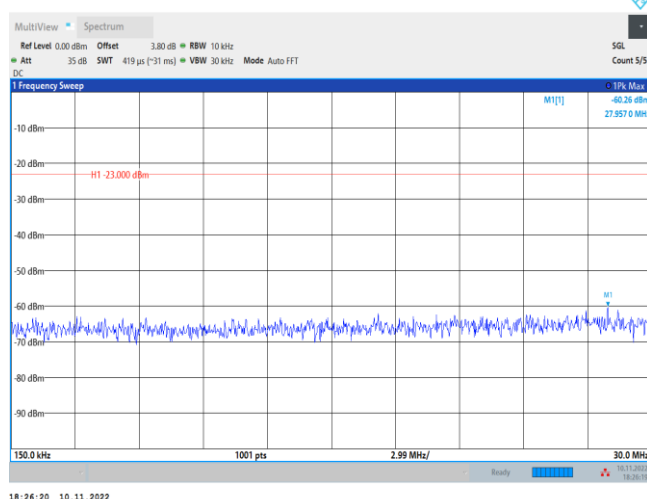
Conducted Spurious Emission

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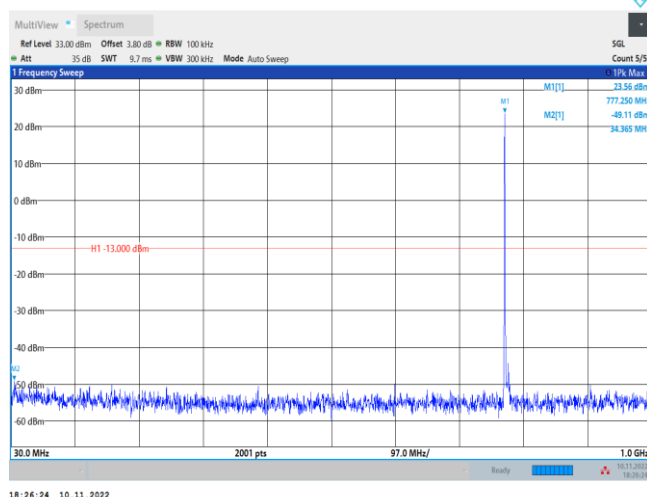
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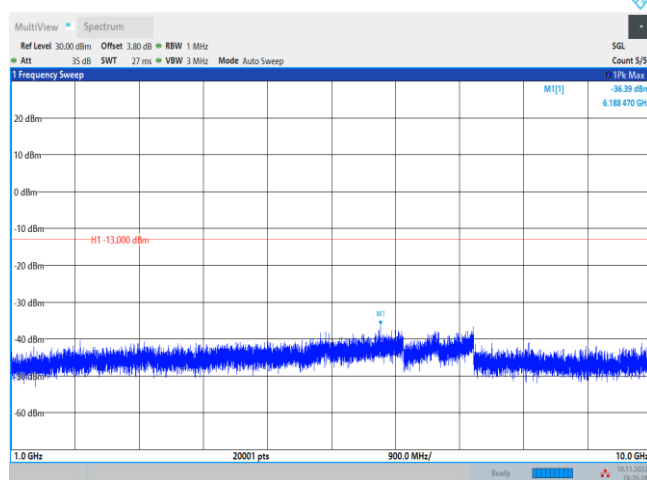
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Band13-10MHz-QPSK-23230-1RB#0-Range3:30~1000MHz



18:26:24 10.11.2022

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



18:26:28 10.11.2022



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Field Strength of Spurious Radiation

Test Band = LTE Band 13 BW 10M_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.18	60.40	-48.51	25.56	-57.81	-13.00	44.81	296	326	Horizontal
2	2332.77	45.84	-47.62	27.57	-69.47	-13.00	56.47	265	147	Horizontal
3	3110.36	50.73	-46.51	29.56	-61.49	-13.00	48.49	241	350	Horizontal
4	3887.95	51.08	-45.54	30.33	-59.39	-13.00	46.39	142	360	Horizontal
5	4665.54	45.11	-44.58	31.80	-62.93	-13.00	49.93	255	178	Horizontal
6	5443.13	40.62	-43.83	32.60	-65.87	-13.00	52.87	263	14	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	1555.18	59.80	-48.51	25.56	-58.41	-13.00	45.41	142	110	Vertical
2	2332.77	51.14	-47.62	27.57	-64.17	-13.00	51.17	285	110	Vertical
3	3110.36	56.27	-46.51	29.56	-55.95	-13.00	42.95	296	271	Vertical
4	3887.95	55.19	-45.54	30.33	-55.28	-13.00	42.28	266	184	Vertical
5	4665.54	49.21	-44.58	31.80	-58.83	-13.00	45.83	244	110	Vertical
6	5443.13	41.58	-43.83	32.60	-64.91	-13.00	51.91	156	257	Vertical



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Test Band = LTE Band 13 BW 5M_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.68	57.64	-48.51	25.56	-60.57	-13.00	47.57	185	163	Horizontal
2	2332.02	51.56	-47.62	27.57	-63.75	-13.00	50.75	263	57	Horizontal
3	3109.36	57.83	-46.51	29.56	-54.39	-13.00	41.39	265	3	Horizontal
4	3886.7	50.74	-45.54	30.33	-59.73	-13.00	46.73	255	359	Horizontal
5	4664.04	45.25	-44.58	31.79	-62.79	-13.00	49.79	142	326	Horizontal
6	5441.38	43.03	-43.83	32.60	-63.46	-13.00	50.46	255	178	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	2332	62.56	-47.62	27.56	-52.75	-13.00	39.75	263	110	Vertical
2	4664	54.71	-44.58	31.79	-53.34	-13.00	40.34	296	78	Vertical
3	1554.68	57.88	-48.51	25.56	-60.33	-13.00	47.33	142	242	Vertical
4	3109.36	59.08	-46.51	29.56	-53.14	-13.00	40.14	255	198	Vertical
5	3886.7	54.27	-45.54	30.33	-56.20	-13.00	43.20	241	64	Vertical
6	5441.38	45.64	-43.83	32.60	-60.85	-13.00	47.85	263	288	Vertical



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Test Band = LTE Band 13 BW 5M_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	59.74	-48.51	25.56	-58.47	-40.00	18.47	263	200	Horizontal
2	2339.52	50.57	-47.61	27.58	-64.72	-13.00	51.72	285	44	Horizontal
3	3119.36	58.83	-46.49	29.55	-53.37	-13.00	40.37	241	346	Horizontal
4	3899.2	52.78	-45.53	30.36	-57.65	-13.00	44.65	142	5	Horizontal
5	4679.04	48.57	-44.57	31.83	-59.43	-13.00	46.43	263	346	Horizontal
6	5458.88	41.76	-43.82	32.60	-64.72	-13.00	51.72	226	0	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	1559.68	61.14	-48.51	25.56	-57.07	-40.00	17.07	296	260	Vertical
2	2339.52	52.08	-47.61	27.58	-63.21	-13.00	50.21	266	117	Vertical
3	3119.36	60.02	-46.49	29.55	-52.18	-13.00	39.18	355	289	Vertical
4	3899.2	55.15	-45.53	30.36	-55.28	-13.00	42.28	244	69	Vertical
5	4679.04	54.69	-44.57	31.83	-53.31	-13.00	40.31	142	51	Vertical
6	5458.88	44.50	-43.82	32.60	-61.98	-13.00	48.98	236	260	Vertical



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Test Band = LTE Band 13 BW 5M_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	57.39	-48.51	25.57	-60.81	-40.00	20.81	241	168	Horizontal
2	2347.02	49.06	-47.61	27.60	-66.22	-13.00	53.22	174	35	Horizontal
3	3129.36	55.68	-46.46	29.55	-56.49	-13.00	43.49	165	346	Horizontal
4	3911.7	48.88	-45.53	30.39	-61.52	-13.00	48.52	296	4	Horizontal
5	4694.04	45.71	-44.55	31.87	-62.24	-13.00	49.24	233	316	Horizontal
6	5476.38	41.72	-43.80	32.60	-64.74	-13.00	51.74	254	21	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	1564.5	60.10	-48.51	25.56	-58.10	-40.00	18.10	296	80	Vertical
2	2347.02	51.29	-47.61	27.60	-63.99	-13.00	50.99	265	94	Vertical
3	3129.36	57.56	-46.46	29.55	-54.61	-13.00	41.61	284	74	Vertical
4	3911.7	52.39	-45.53	30.39	-58.01	-13.00	45.01	142	74	Vertical
5	4694.04	53.28	-44.55	31.87	-54.67	-13.00	41.67	142	125	Vertical
6	5476.38	42.00	-43.80	32.60	-64.46	-13.00	51.46	266	88	Vertical



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Test Band = CA Band 13A-66A_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3110.25	62.02	-45.91	29.56	-49.60	-13.00	36.60	185	1	Horizontal
2	1554.68	39.89	-25.48	25.56	-55.29	-13.00	42.29	263	157	Horizontal
3	2332.02	37.07	-24.55	27.57	-55.17	-13.00	42.17	265	31	Horizontal
4	3404.18	43.03	-45.92	29.44	-68.71	-13.00	55.71	241	80	Horizontal
5	5106.27	40.50	-44.28	32.60	-66.44	-13.00	53.44	142	213	Horizontal
6	6808.36	39.13	-42.55	35.82	-62.86	-13.00	49.86	296	0	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	3110.25	59.62	-45.91	29.56	-52.00	-13.00	39.00	142	196	Vertical
2	1554.68	39.49	-25.48	25.56	-55.69	-13.00	42.69	296	147	Vertical
3	2332.02	37.86	-24.55	27.57	-54.38	-13.00	41.38	263	242	Vertical
4	3404.18	42.50	-45.92	29.44	-69.24	-13.00	56.24	241	357	Vertical
5	5106.27	40.52	-44.28	32.60	-66.42	-13.00	53.42	185	213	Vertical
6	6808.36	39.05	-42.55	35.82	-62.94	-13.00	49.94	263	145	Vertical



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Test Band = CA Band 13A-66A_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3110.25	61.94	-45.91	29.56	-49.68	-13.00	36.68	196	357	Horizontal
2	1559.68	36.11	-25.47	25.56	-59.06	-13.00	46.06	265	359	Horizontal
3	2339.52	36.84	-24.53	27.58	-55.37	-13.00	42.37	284	360	Horizontal
4	3454.18	42.11	-45.80	29.42	-69.53	-13.00	56.53	142	130	Horizontal
5	5181.27	41.48	-44.18	32.60	-65.36	-13.00	52.36	201	147	Horizontal
6	6908.36	39.72	-42.44	36.02	-61.97	-13.00	48.97	142	0	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	3110.25	61.34	-45.91	29.56	-50.28	-13.00	37.28	196	194	Vertical
2	1559.68	35.80	-25.47	25.56	-59.37	-13.00	46.37	265	208	Vertical
3	2339.52	37.07	-24.53	27.58	-55.14	-13.00	42.14	284	355	Vertical
4	3454.18	42.35	-45.80	29.42	-69.29	-13.00	56.29	142	16	Vertical
5	5181.27	41.43	-44.18	32.60	-65.41	-13.00	52.41	263	144	Vertical
6	6908.36	39.92	-42.44	36.02	-61.77	-13.00	48.77	221	111	Vertical



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Test Band = CA Band 13A-66A_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3110.25	61.52	-45.91	29.56	-50.10	-13.00	37.10	114	1	Horizontal
2	1564.68	35.99	-25.47	25.57	-59.17	-13.00	46.17	185	3	Horizontal
3	2347.02	36.66	-24.52	27.60	-55.52	-13.00	42.52	263	359	Horizontal
4	3504.18	42.61	-45.67	29.41	-68.91	-13.00	55.91	241	0	Horizontal
5	5256.27	41.16	-44.07	32.60	-65.57	-13.00	52.57	142	8	Horizontal
6	7008.36	39.59	-42.58	36.21	-62.04	-13.00	49.04	296	229	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	3110.25	60.01	-45.91	29.56	-51.61	-13.00	38.61	185	280	Vertical
2	1564.68	36.13	-25.47	25.57	-59.03	-13.00	46.03	263	10	Vertical
3	2347.02	36.54	-24.52	27.60	-55.64	-13.00	42.64	265	116	Vertical
4	3504.18	42.18	-45.67	29.41	-69.34	-13.00	56.34	241	0	Vertical
5	5256.27	39.95	-44.07	32.60	-66.78	-13.00	53.78	142	357	Vertical
6	7008.36	39.47	-42.58	36.21	-62.16	-13.00	49.16	258	17	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
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-0.40	-0.000512	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	1.20	0.001535	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	0.80	0.001023	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	0.30	0.000384	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	1.00	0.001279	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	0.50	0.000639	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	2.30	0.002941	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	2.50	0.003197	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	0.40	0.000512	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-0.70	-0.000895	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	0.00	0.000000	PASS

---End of Attachment---



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