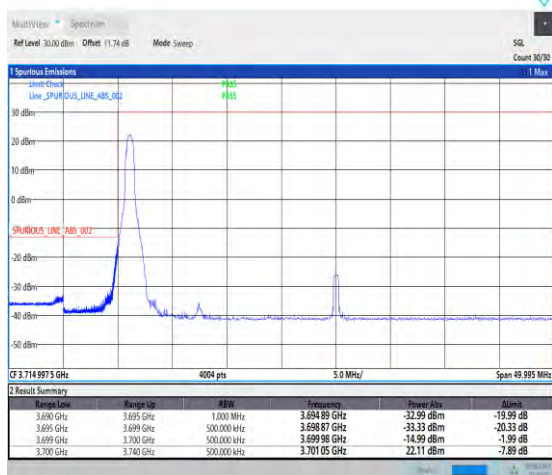


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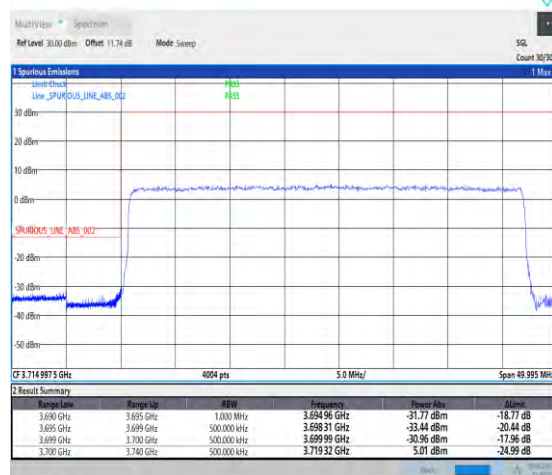
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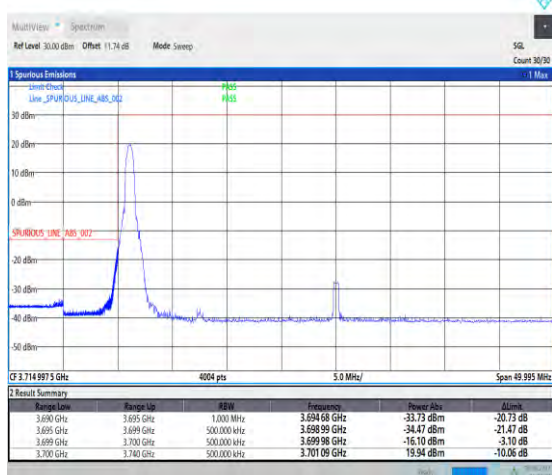
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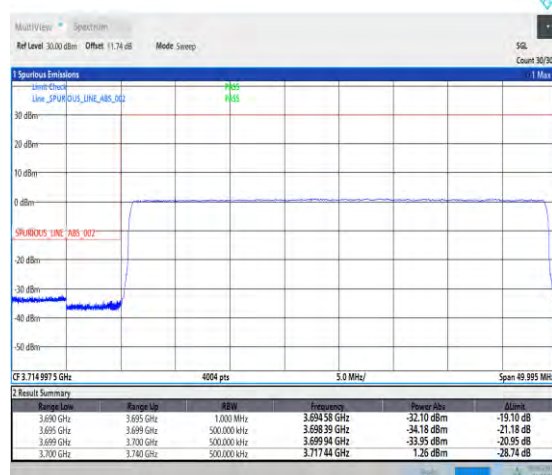
20:46:29 14.09.2022

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20:46:58 14.09.2022

1-N78-3700-3800-PC2-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



20:47:24 14.09.2022

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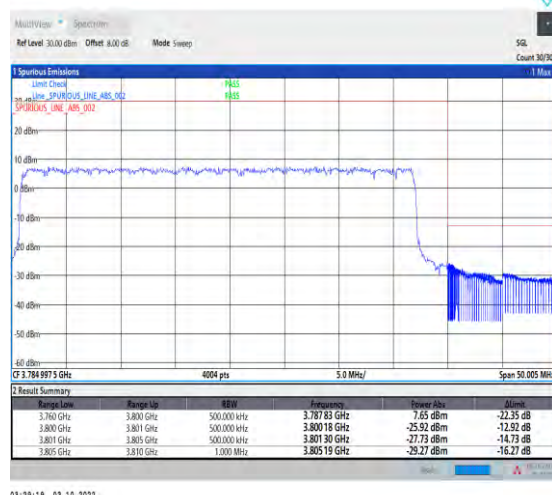
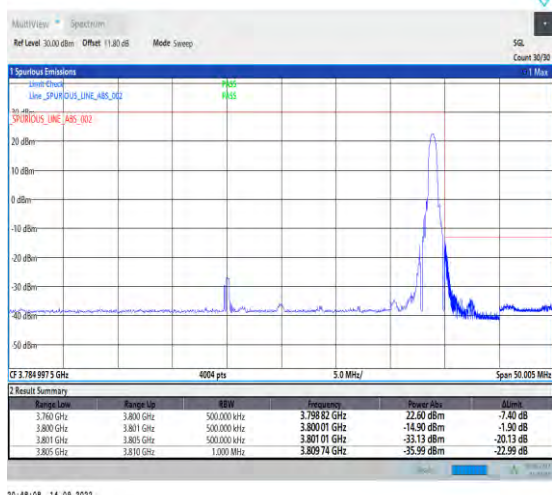
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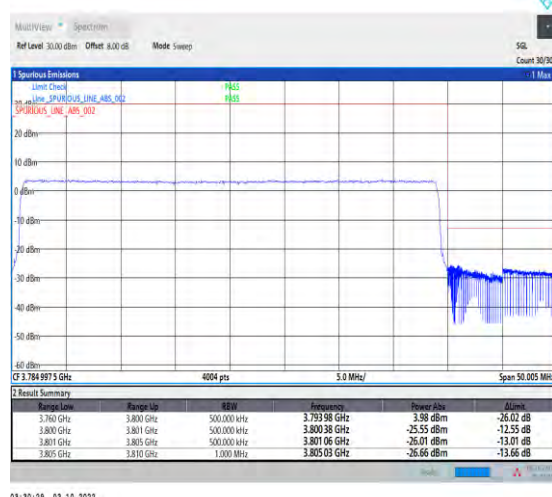
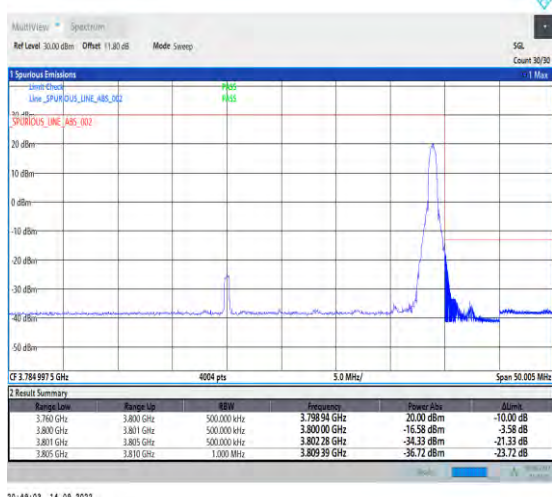
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1-N78-3700-3800-PC2-30-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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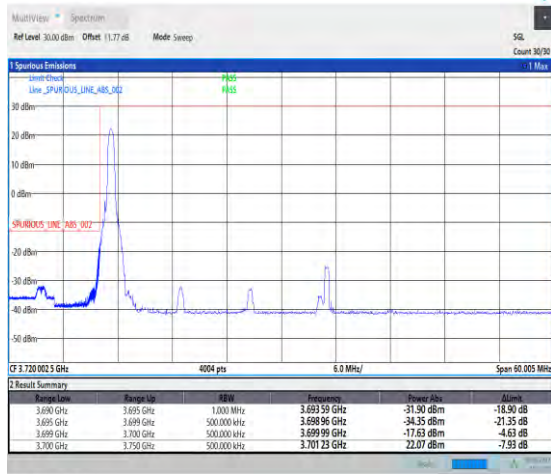
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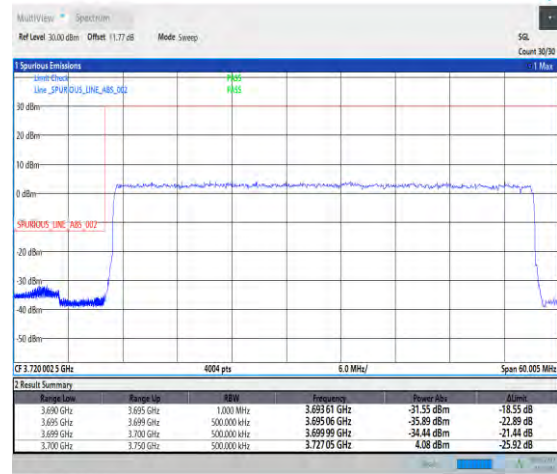
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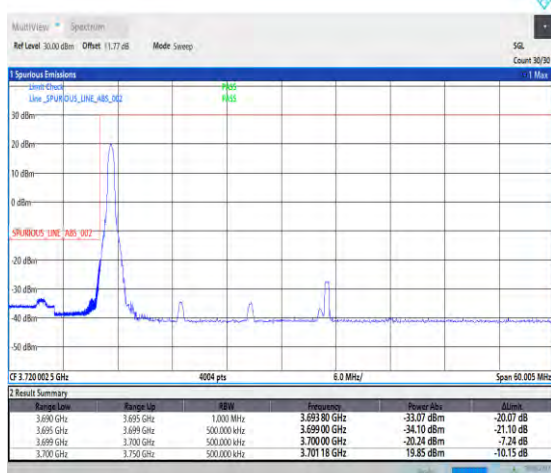
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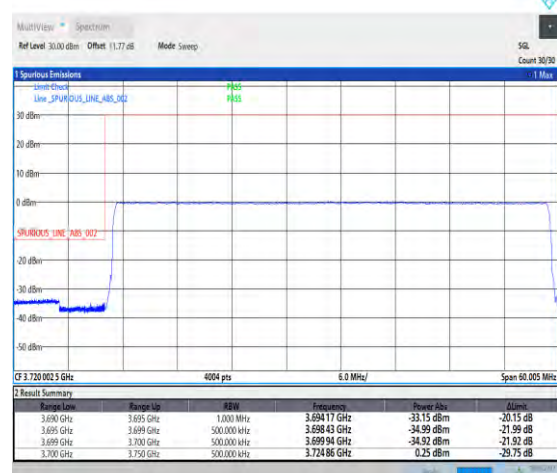
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20:51:14 14.09.2022

1-N78-3700-3800-PC2-30-50-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



20:51:40 14.09.2022

1-N78-3700-3800-PC2-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant1-1--PASS-see graph



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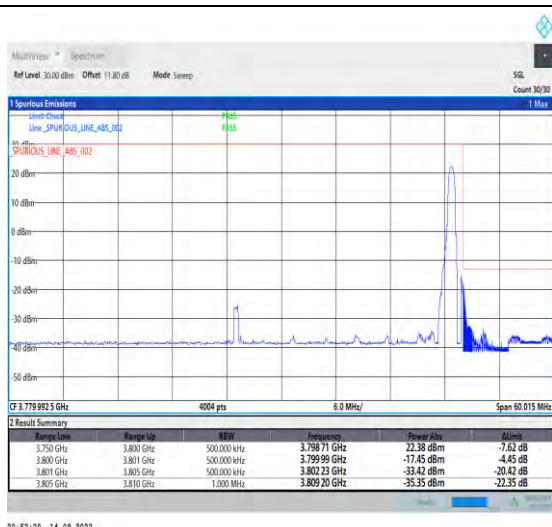
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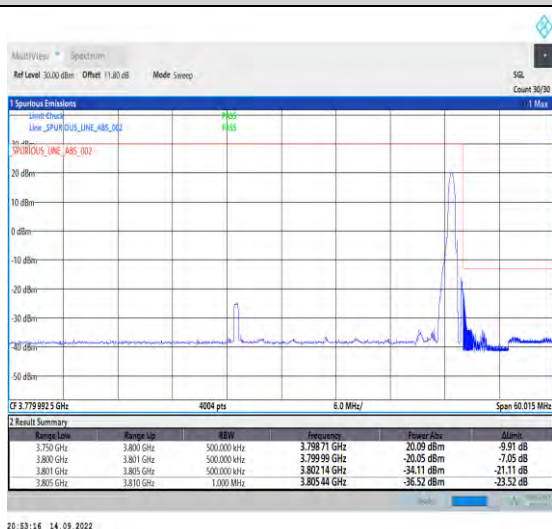
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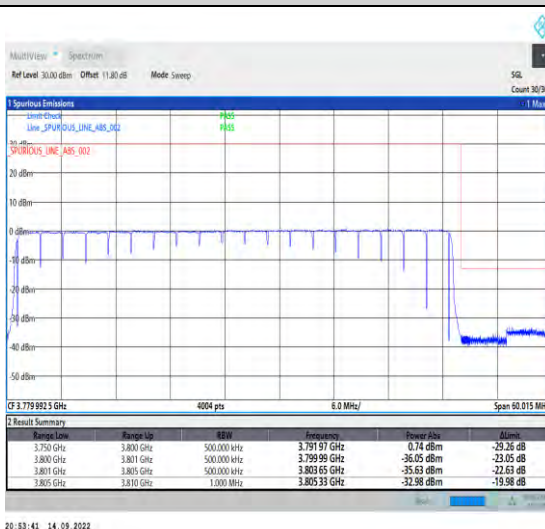
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20:53:16 14.09.2022

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20:53:41 14.09.2022

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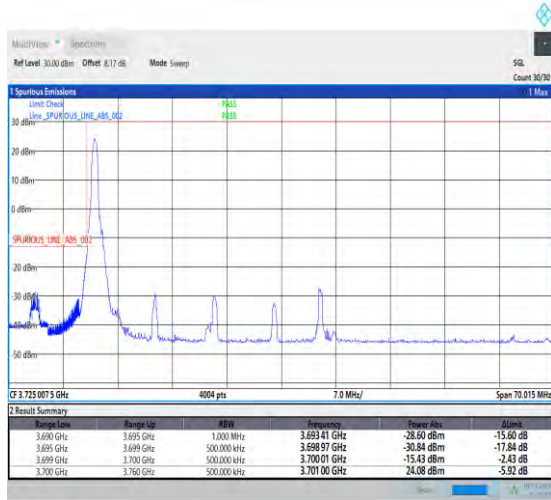
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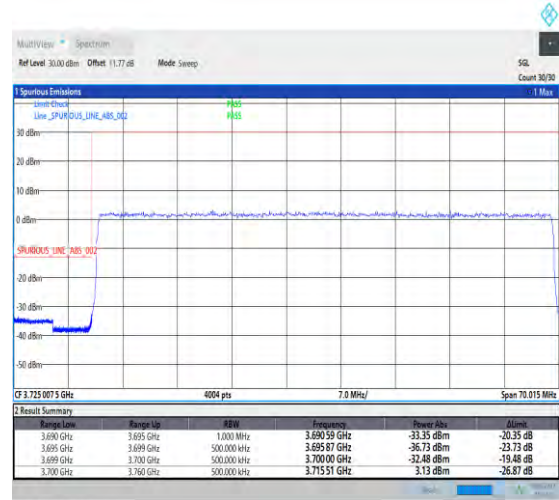
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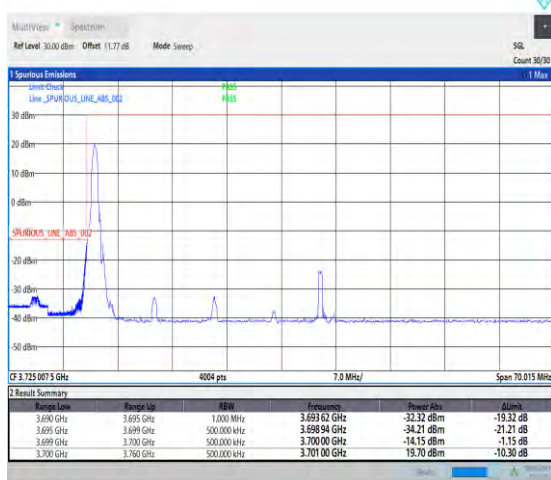
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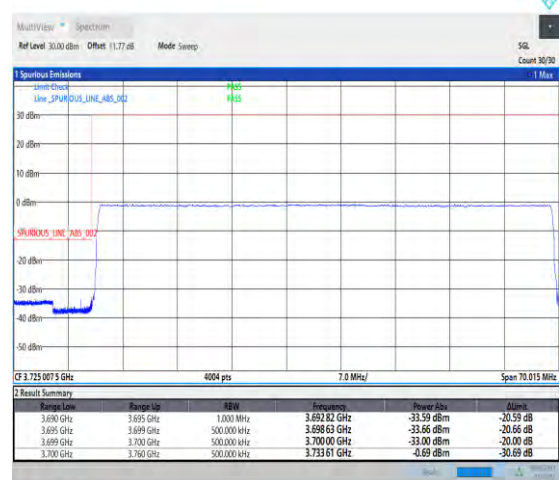
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1-N78-3700-3800-PC2-30-60-L-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



20:55:22 14.09.2022

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20:56:02 14.09.2022

1-N78-3700-3800-PC2-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



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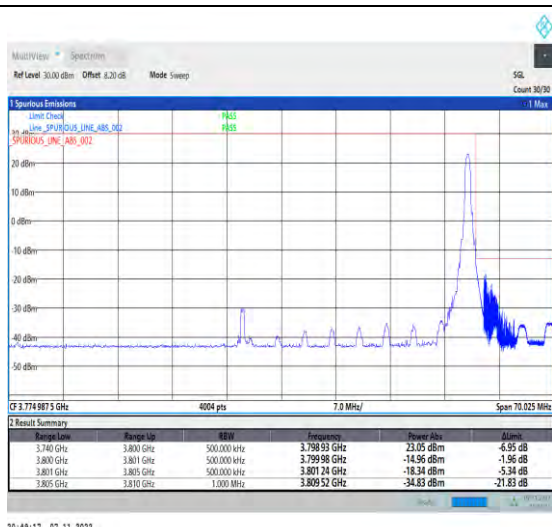
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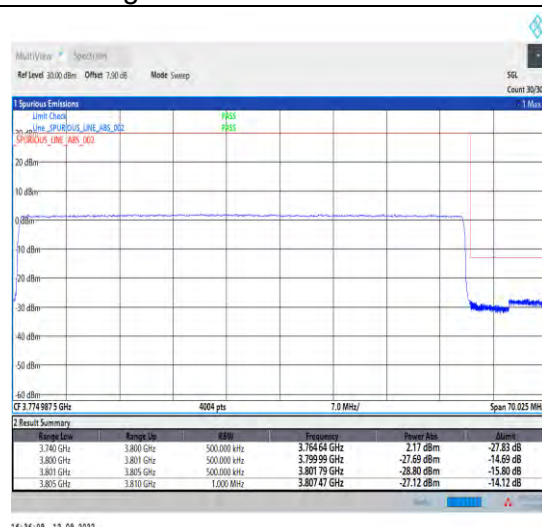
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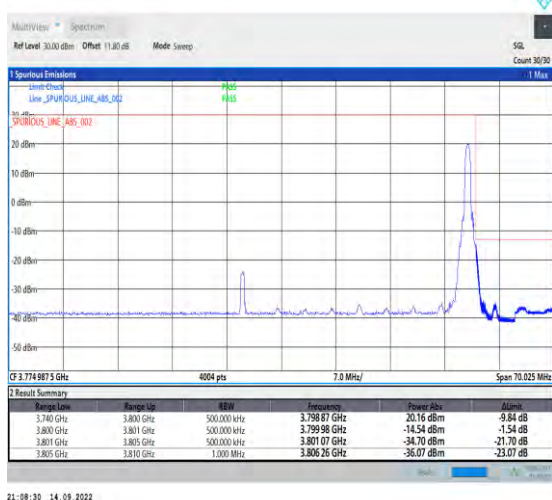
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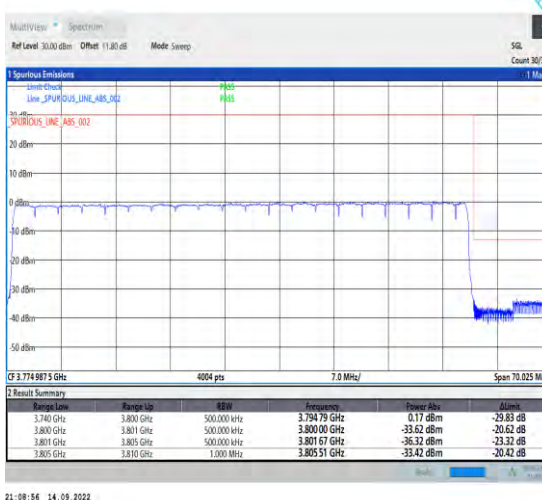
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21:08:30 14.09.2022

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21:08:56 14.09.2022

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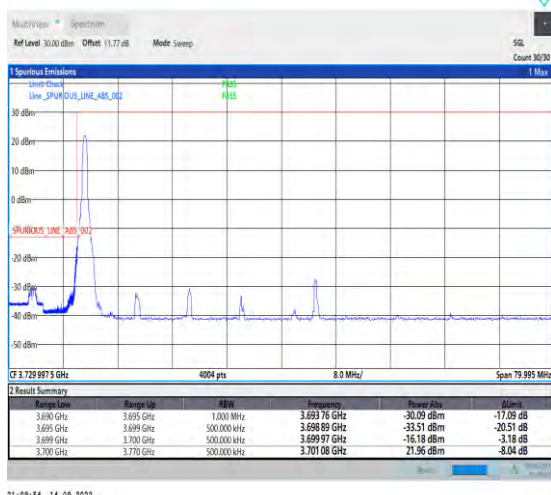
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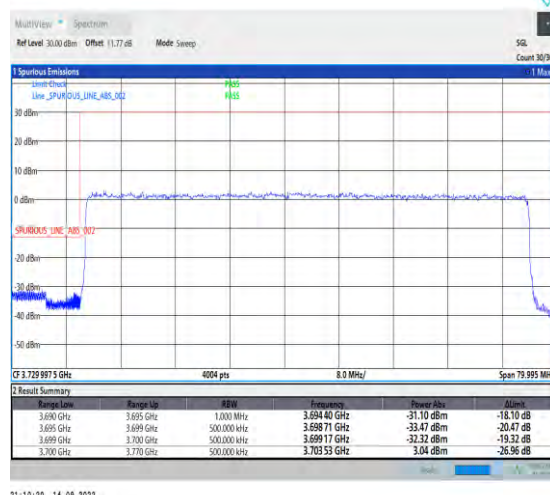
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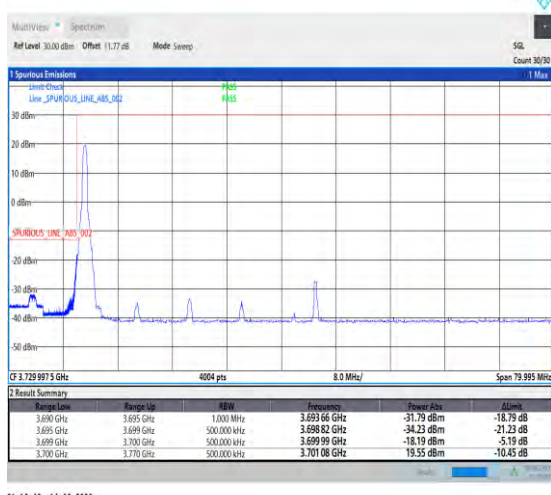
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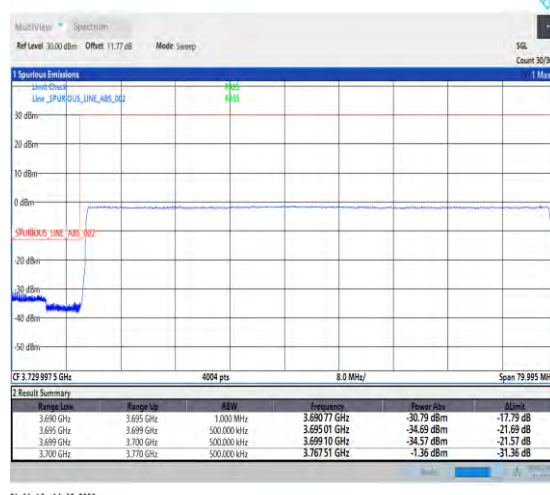
21:10:20 14.09.2022

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21:10:49 14.09.2022

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21:11:16 14.09.2022

1-N78-3700-3800-PC2-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph



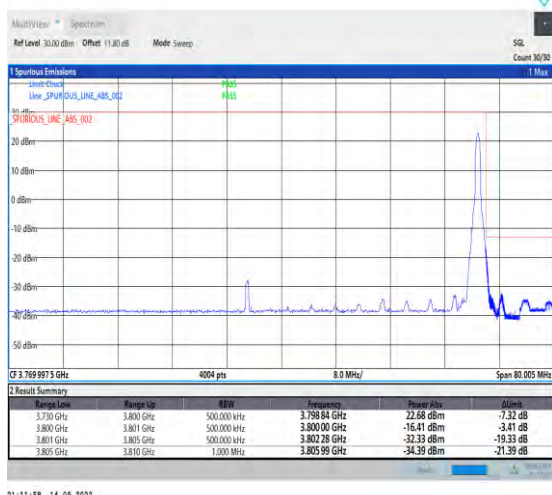
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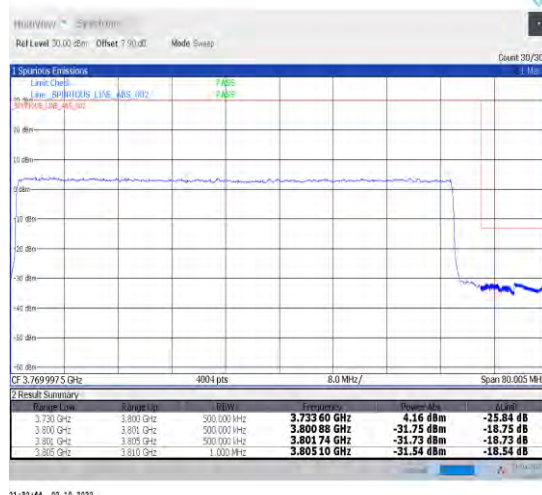
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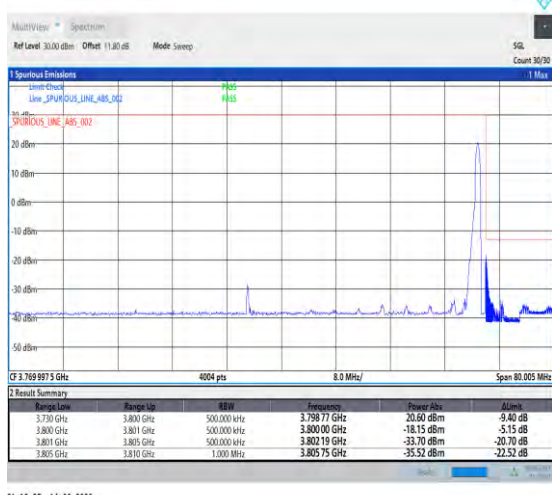
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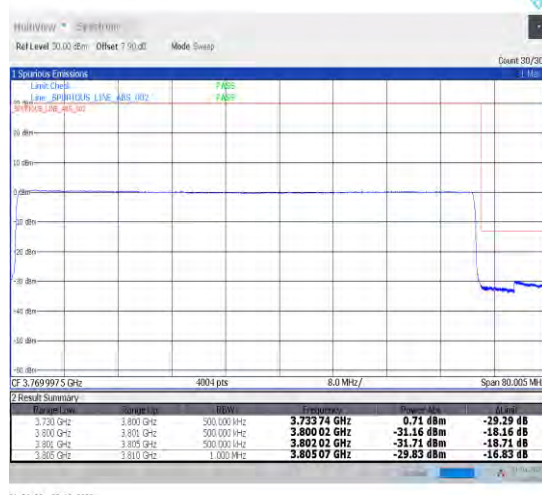
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21:12:55 14.09.2022

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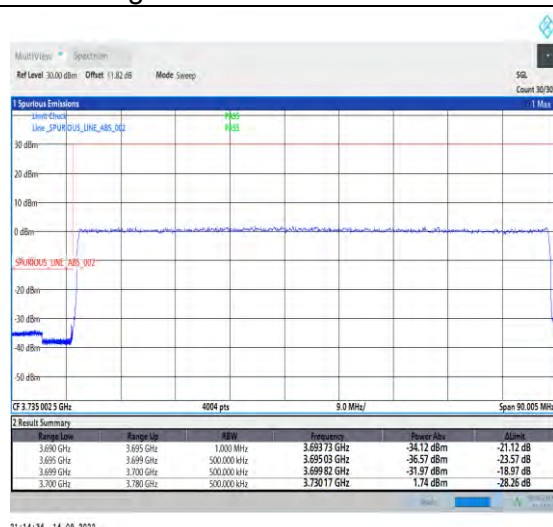
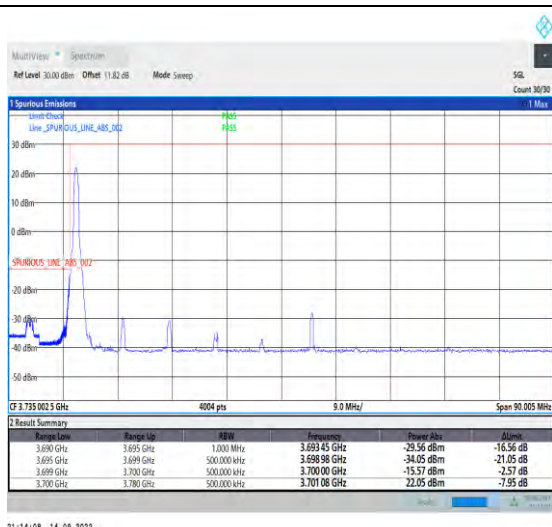
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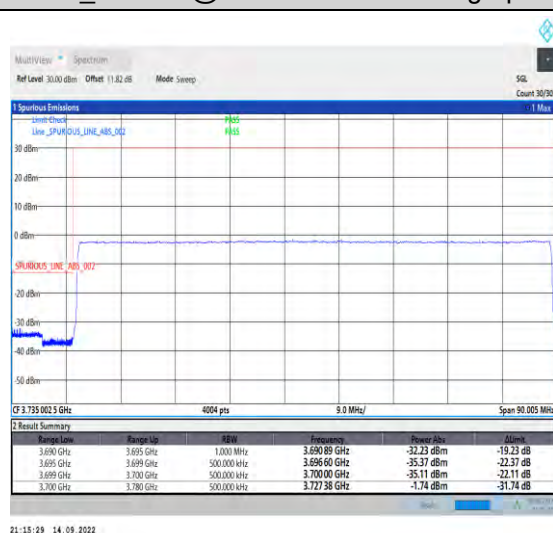
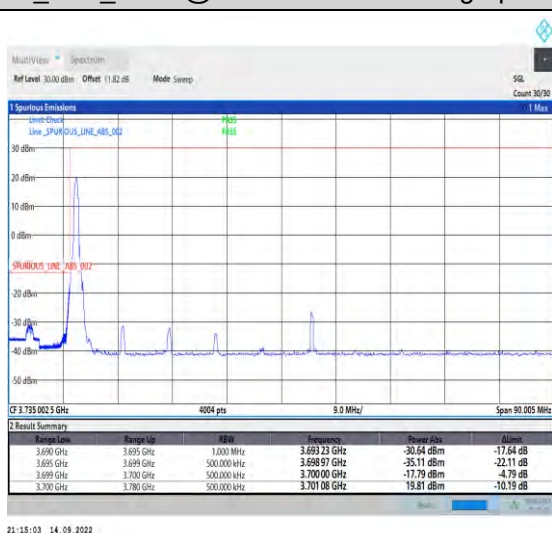
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1-N78-3700-3800-PC2-30-80-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph



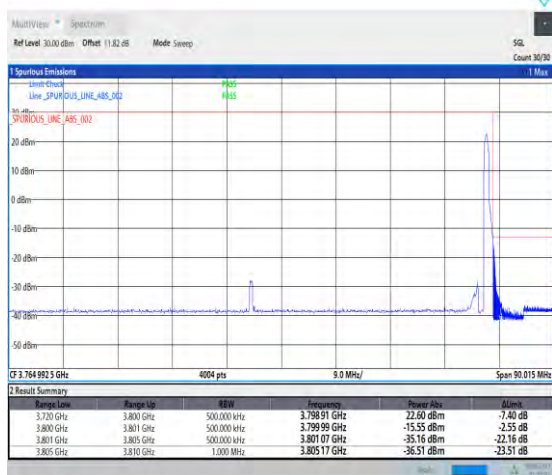
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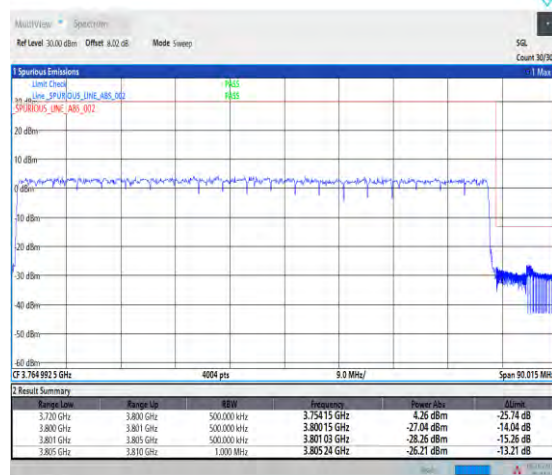
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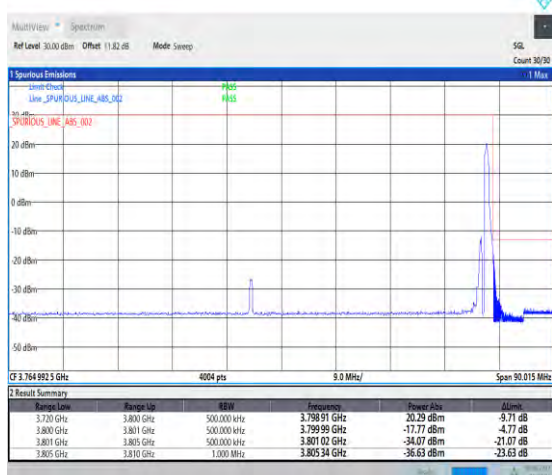
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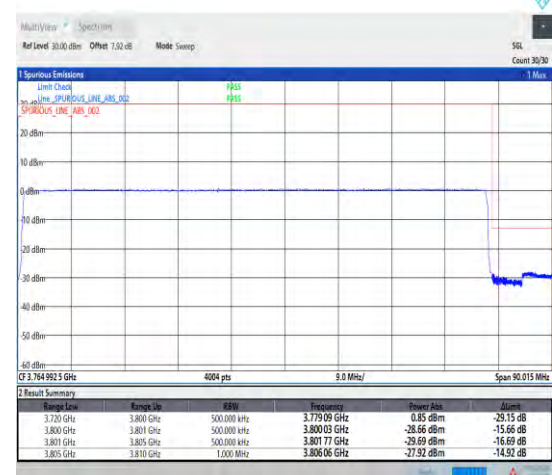
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1-N78-3700-3800-PC2-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



21:17:12 14.09.2022

1-N78-3700-3800-PC2-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph



16:41:08 12.09.2022

1-N78-3700-3800-PC2-30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph



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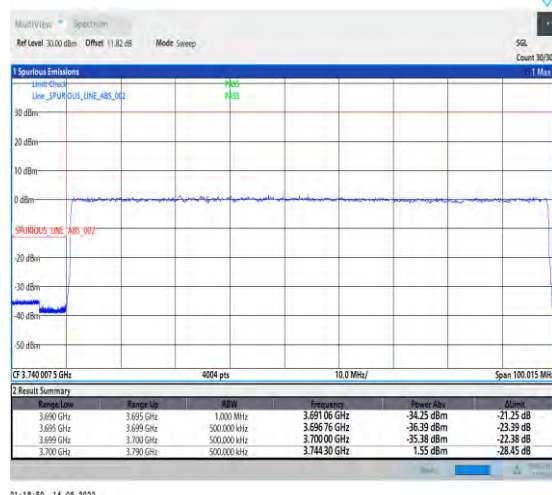
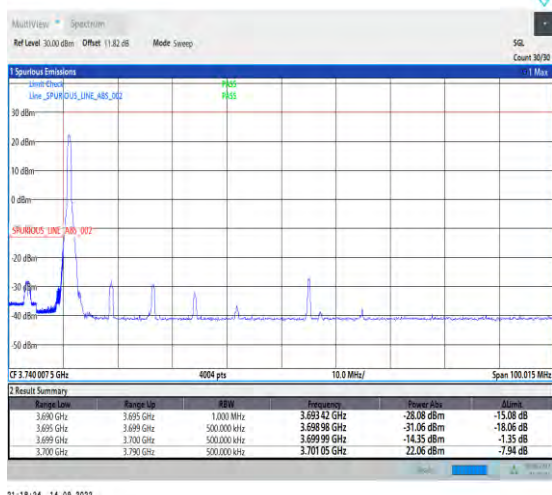
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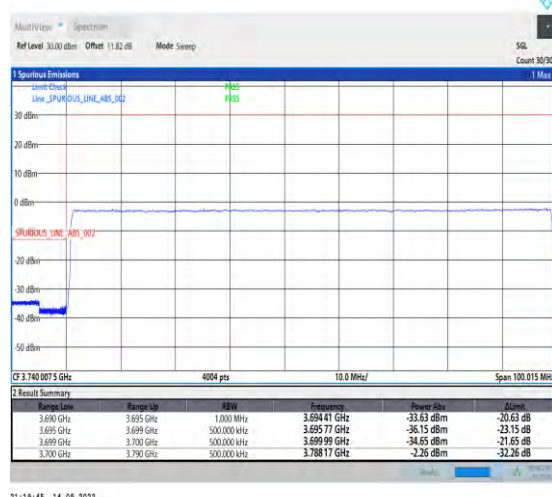
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1-N78-3700-3800-PC2-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-90-L-3-DFT-PI2BPSK-Outer_Full-243@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph



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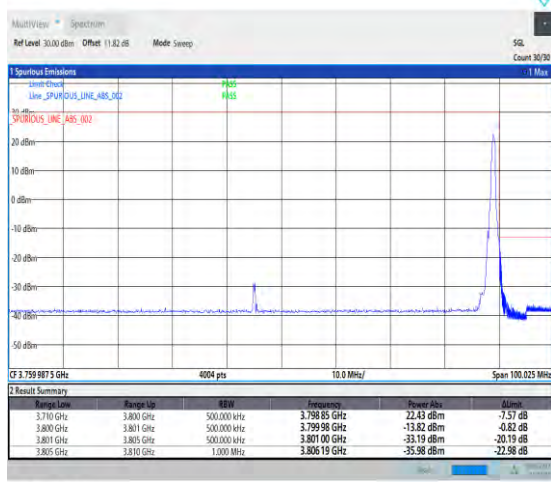
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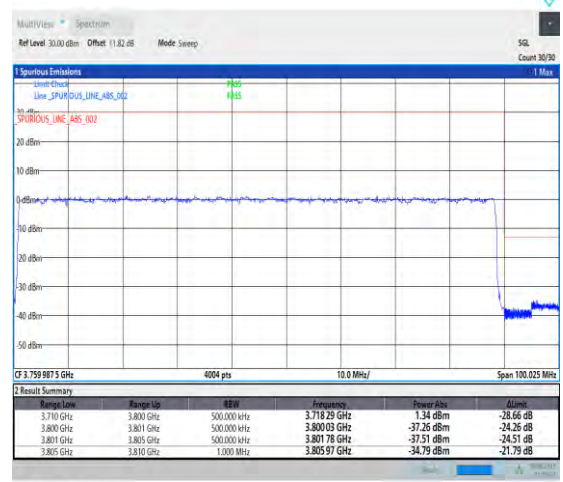
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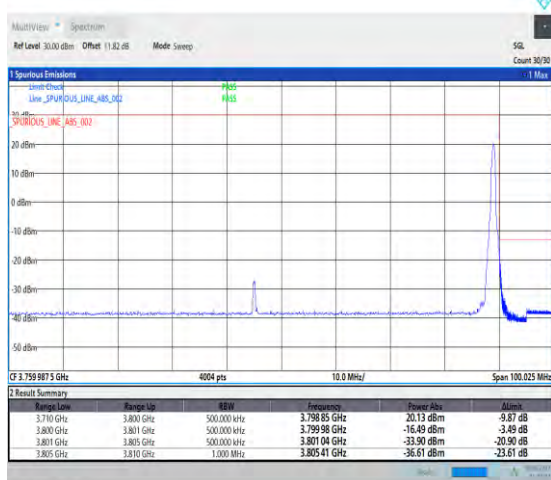
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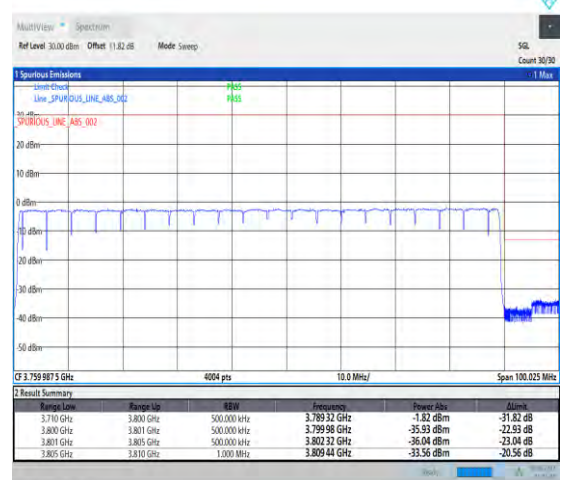
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1-N78-3700-3800-PC2-30-90-H-3-DFT-PI2BPSK-Outer_Full-243@0-Ant1-1--PASS-see graph



21:21:24 14.09.2022

1-N78-3700-3800-PC2-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph



21:21:50 14.09.2022

1-N78-3700-3800-PC2-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph



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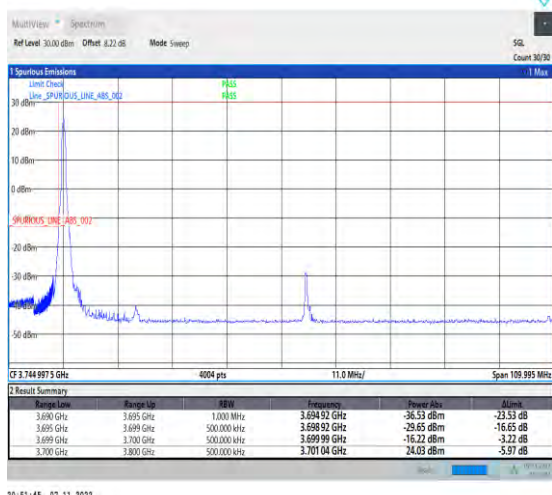
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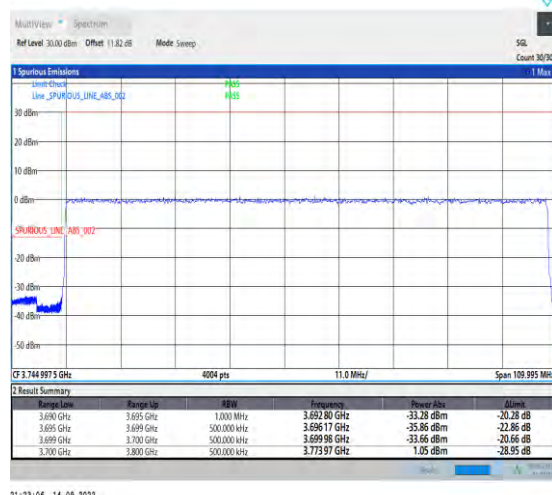
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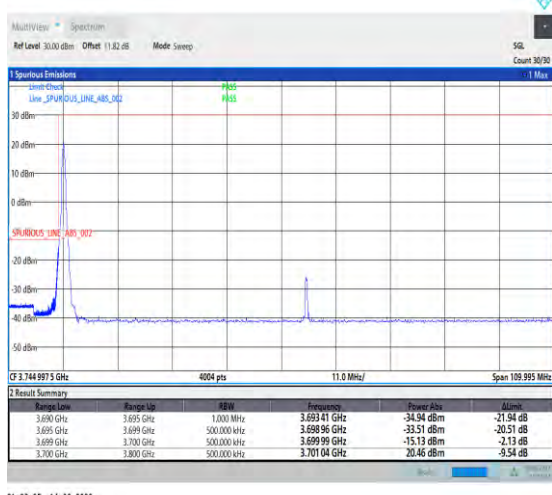
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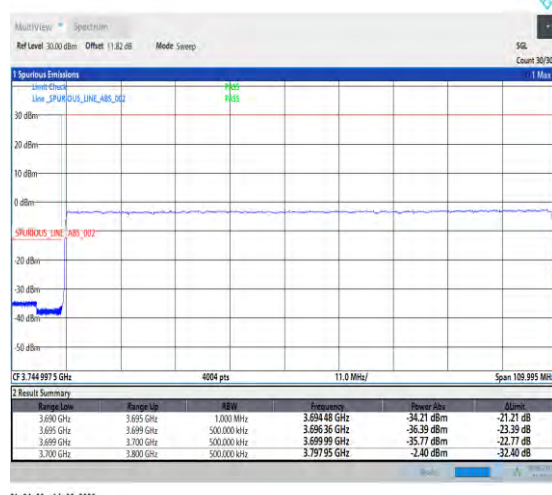
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21:23:35 14.09.2022

1-N78-3700-3800-PC2-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



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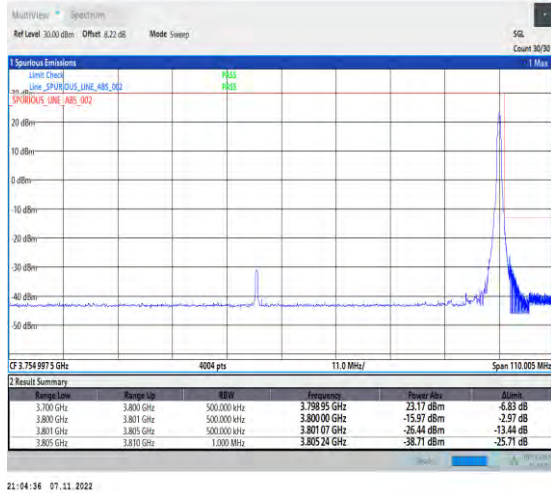
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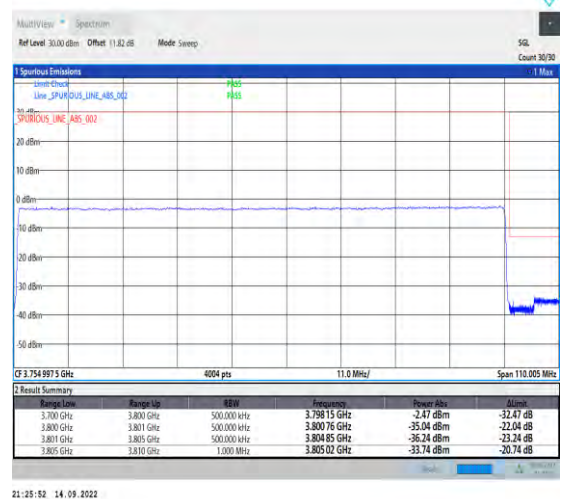
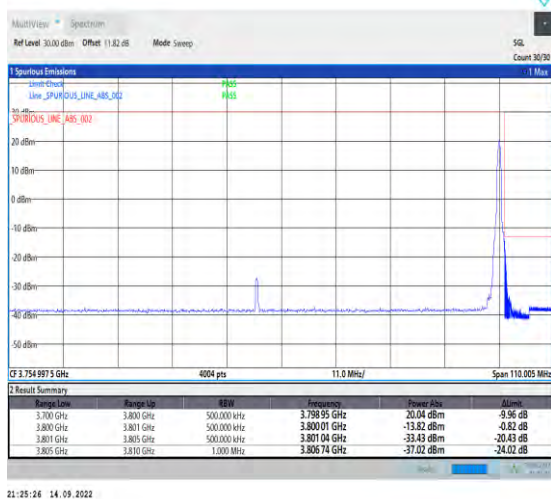
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1-N78-3700-3800-PC2-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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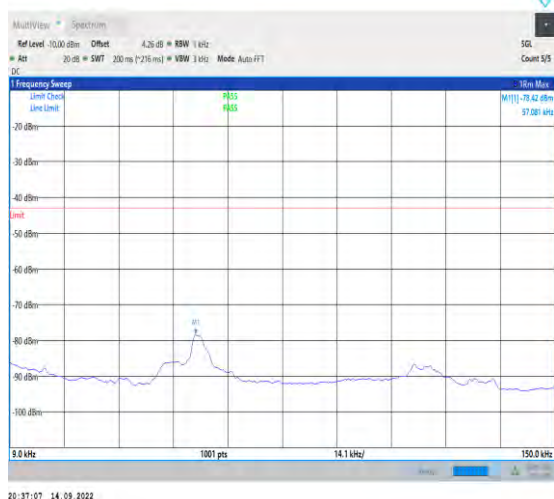
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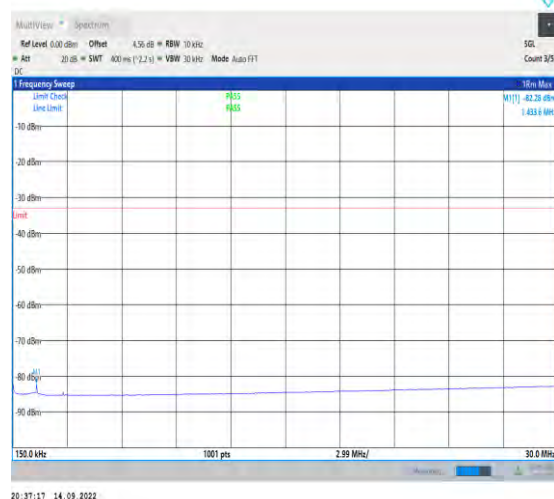
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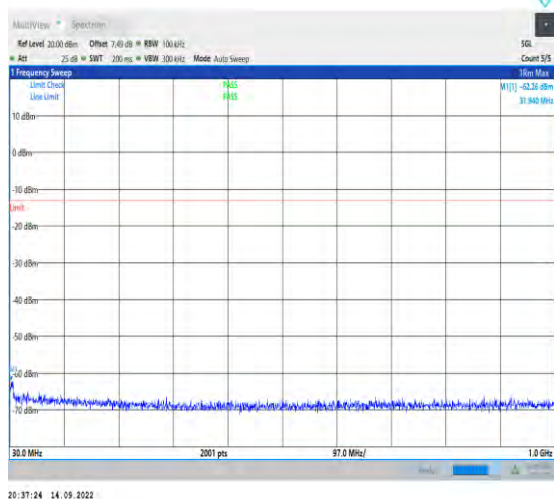
Test Graphs



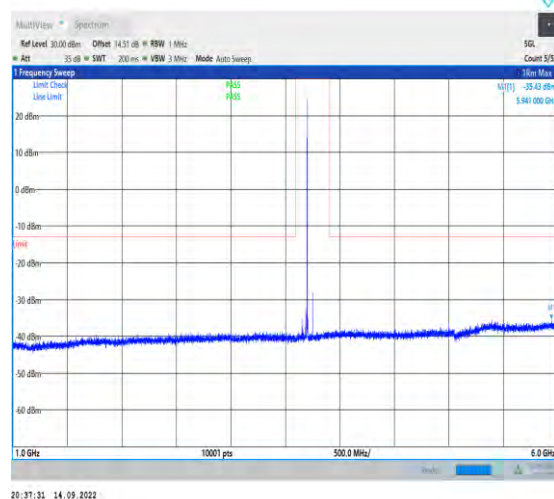
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1-N78-3700-3800-PC2-30-100-L-1-DFT-PI2BPSK-In
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PASS



1-N78-3700-3800-PC2-30-100-L-1-DFT-PI2BPSK-Inn
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13-PASS



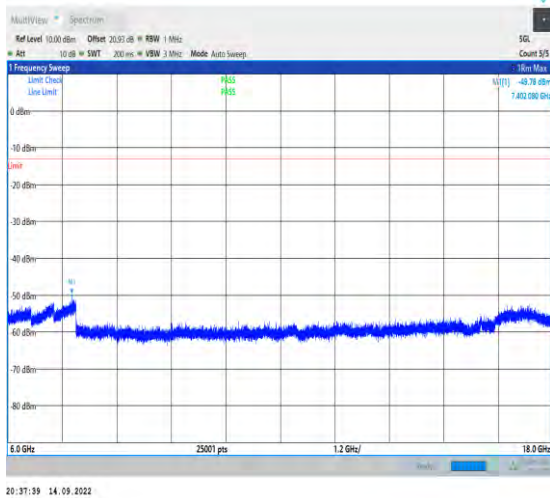
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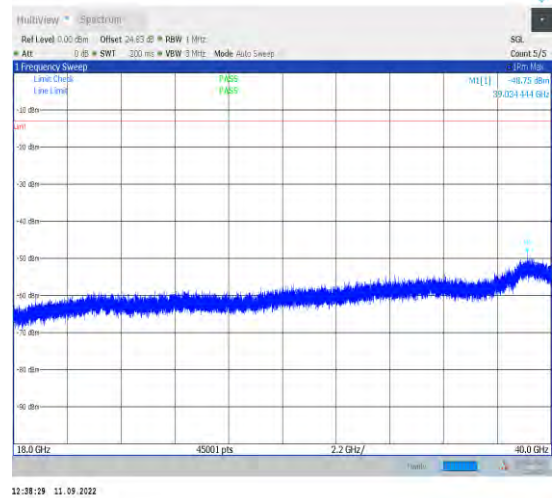
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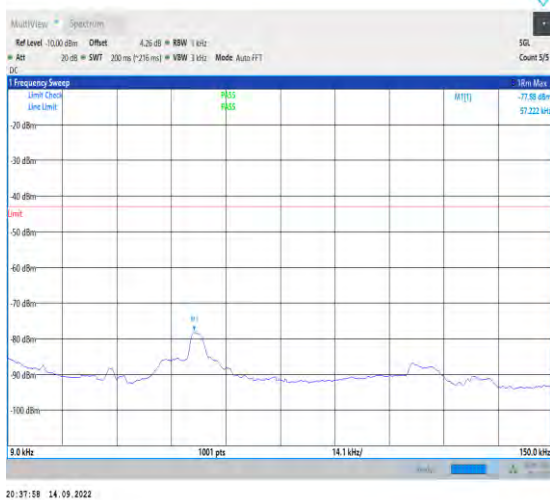
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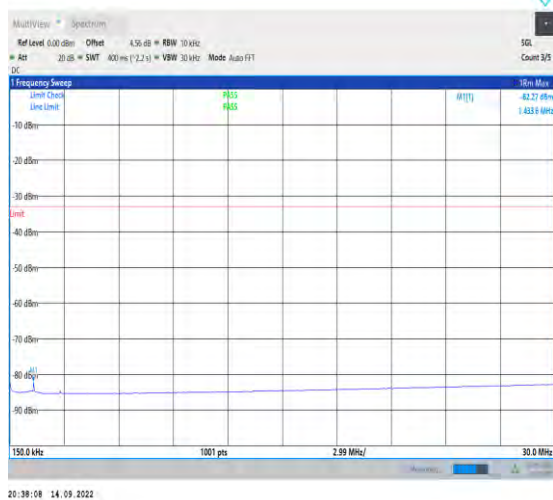
1-N78-3700-3800-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-18000-Ant1-7402.08--49.78--13-PASS



1-N78-3700-3800-PC2-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00--55.20--13-PASS



1-N78-3700-3800-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--77.88--43-PASS



1-N78-3700-3800-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-1.43--82.27--33-PASS



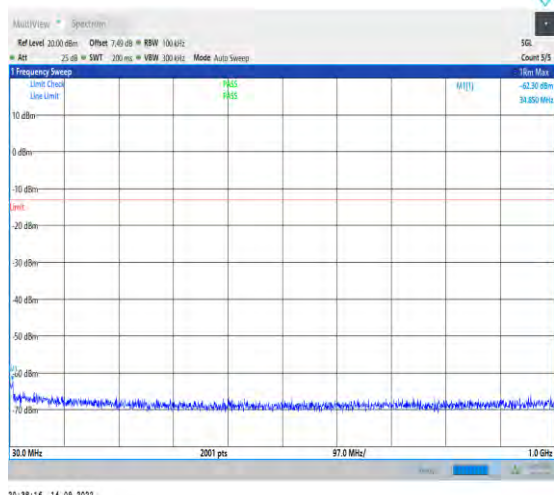
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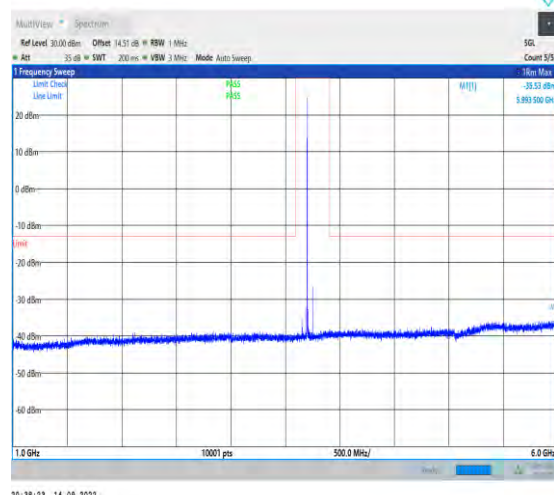
Report No.: SEWA2204000009RG02

Rev.: 01

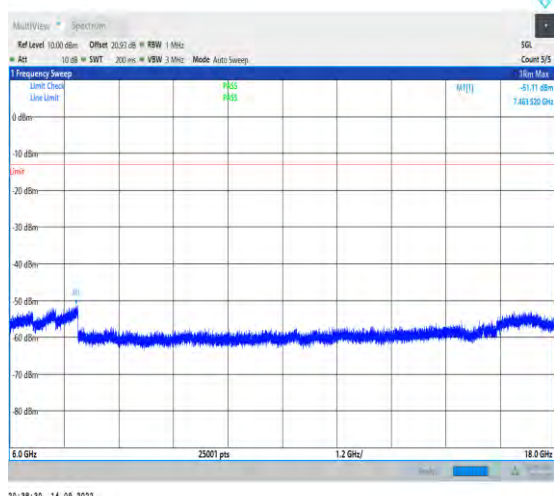
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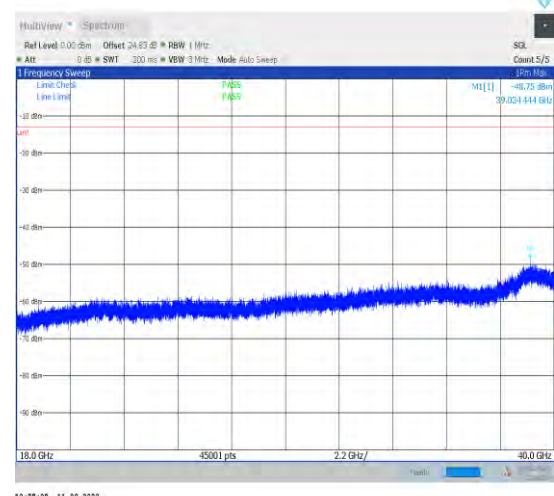
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1-N78-3700-3800-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant1-5993.50--35.53--13-PASS



1-N78-3700-3800-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-18000-Ant1-7463.52--51.11--13-PASS



1-N78-3700-3800-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00--54.67--13-PASS



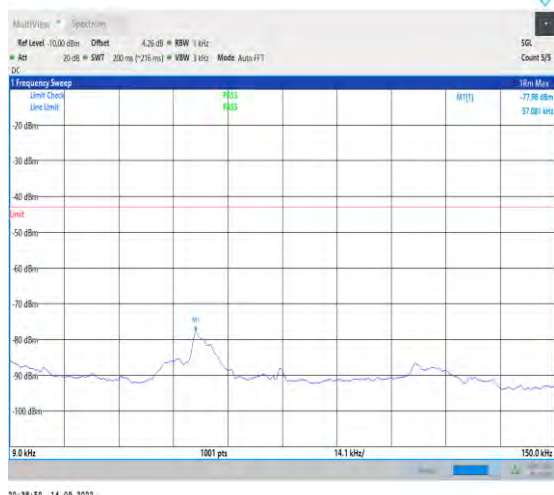
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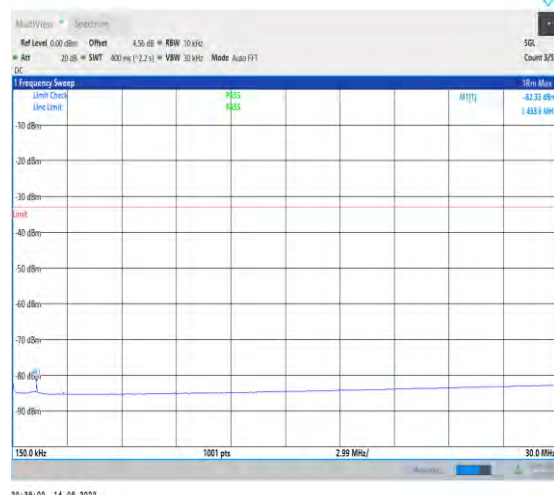
Report No.: SEWA2204000009RG02

Rev.: 01

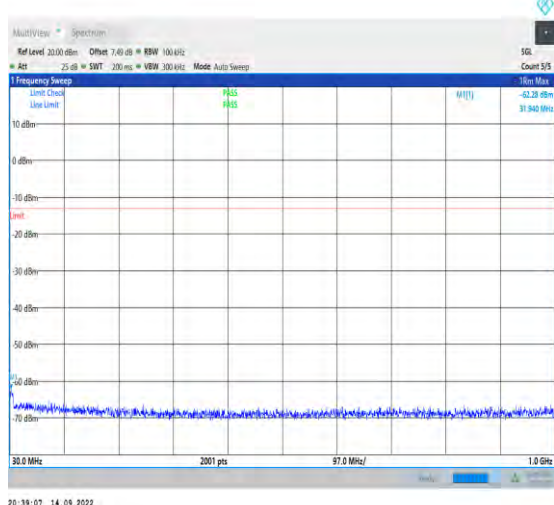
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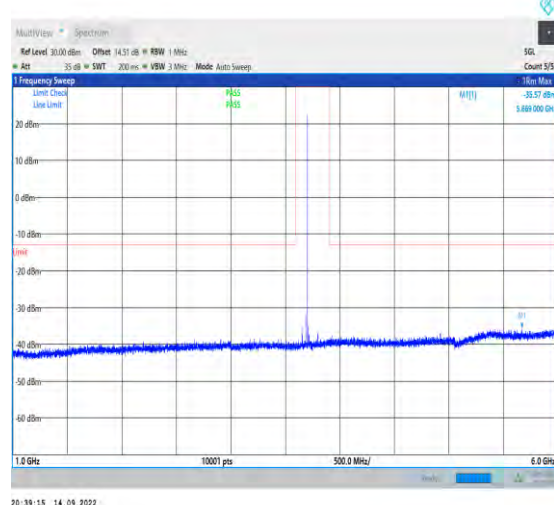
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1-N78-3700-3800-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-1.43--82.33--33-PA SS



1-N78-3700-3800-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-31.94--62.28--13-PASS



1-N78-3700-3800-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant1-5669.00--35.57--13-PASS



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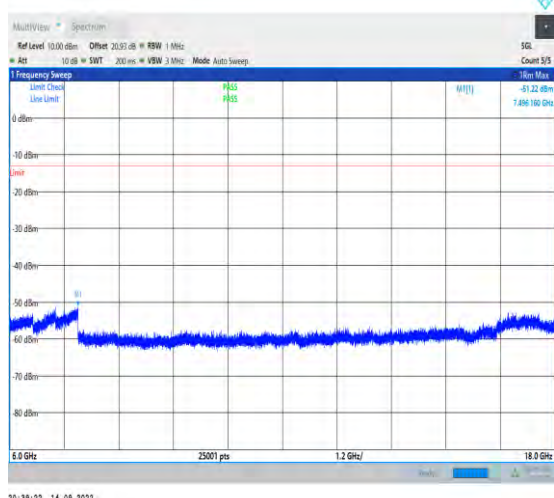
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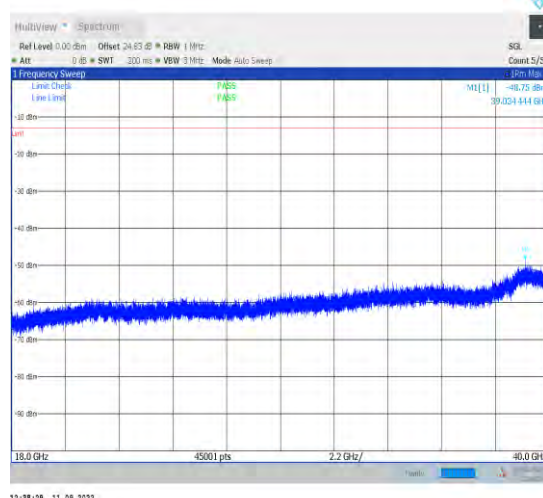
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20:39:22 14.09.2022

1-N78-3700-3800-PC2-30-100-H-1-DFT-PI2BPSK-I
nner_1RB_Left-1@1-6000-18000-Ant1-7496.16--51.
22--13-PASS



12:38:29 11.09.2022

1-N78-3700-3800-PC2-30-100-H-1-DFT-PI2BPSK-In
ner_1RB_Left-1@1-18000-40000-Ant1-18000.00--55.
03--13-PASS



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Field Strength of Spurious Radiation

Test Band = NR SA Band n78 3700M-3800M_ 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	7310.18	48.14	-41.76	36.39	-52.49	-13.00	39.49	263	121	Horizontal
2	9314.625	49.50	-38.28	38.57	-45.47	-13.00	32.47	241	51	Horizontal
3	10965.27	40.71	-35.62	39.56	-50.61	-13.00	37.61	178	360	Horizontal
4	13417.25	45.04	-34.79	39.85	-45.16	-13.00	32.16	265	51	Horizontal
5	14620.36	40.74	-34.12	39.58	-49.07	-13.00	36.07	241	360	Horizontal
6	17857.2083	42.40	-31.05	42.03	-41.88	-13.00	28.88	102	240	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	7310.18	48.40	-41.76	36.39	-52.23	-13.00	39.23	263	358	Vertical
2	9126.7917	47.92	-38.57	38.59	-47.32	-13.00	34.32	265	360	Vertical
3	10965.27	41.00	-35.62	39.56	-50.32	-13.00	37.32	241	62	Vertical
4	13080.875	44.94	-34.67	39.65	-45.34	-13.00	32.34	185	149	Vertical
5	14620.36	39.98	-34.12	39.58	-49.83	-13.00	36.83	201	310	Vertical
6	17669.375	41.71	-31.31	41.28	-43.58	-13.00	30.58	164	81	Vertical



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Test Band = NR SA Band n78 3700M-3800M_ 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	7410.18	47.54	-41.95	36.45	-53.22	-13.00	40.22	241	21	Horizontal
2	9306	48.60	-38.35	38.57	-46.44	-13.00	33.44	163	360	Horizontal
3	11115.27	42.57	-35.15	39.48	-48.35	-13.00	35.35	295	299	Horizontal
4	13662.5833	45.48	-34.71	40.00	-44.49	-13.00	31.49	241	230	Horizontal
5	14820.36	40.56	-33.93	39.38	-49.25	-13.00	36.25	188	221	Horizontal
6	17939.625	41.30	-31.23	42.36	-42.83	-13.00	29.83	204	149	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	7410.18	47.74	-41.95	36.45	-53.02	-13.00	40.02	142	92	Vertical
2	9309.8333	49.27	-38.32	38.57	-45.74	-13.00	32.74	263	359	Vertical
3	11115.27	41.98	-35.15	39.48	-48.94	-13.00	35.94	265	360	Vertical
4	13610.8333	44.18	-34.46	39.97	-45.58	-13.00	32.58	284	110	Vertical
5	14820.36	40.77	-33.93	39.38	-49.04	-13.00	36.04	176	360	Vertical
6	17874.4583	42.08	-31.10	42.10	-42.19	-13.00	29.19	299	139	Vertical



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Test Band = NR SA Band n78 3700M-3800M_ 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	7510.18	48.47	-41.55	36.52	-51.82	-13.00	38.82	142	192	Horizontal
2	9341.4583	48.66	-38.08	38.57	-46.12	-13.00	33.12	263	112	Horizontal
3	11265.27	42.64	-35.16	39.33	-48.44	-13.00	35.44	265	240	Horizontal
4	13088.5417	45.04	-34.65	39.65	-45.22	-13.00	32.22	241	348	Horizontal
5	15020.36	41.72	-34.30	39.17	-48.67	-13.00	35.67	184	90	Horizontal
6	17829.4167	41.65	-30.97	41.92	-42.66	-13.00	29.66	175	171	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	7510.18	48.25	-41.55	36.52	-52.04	-13.00	39.04	254	270	Vertical
2	9315.5833	49.75	-38.27	38.57	-45.22	-13.00	32.22	174	11	Vertical
3	11265.27	43.05	-35.16	39.33	-48.03	-13.00	35.03	186	52	Vertical
4	13240.9167	45.34	-34.88	39.74	-45.06	-13.00	32.06	232	21	Vertical
5	15020.36	41.29	-34.30	39.17	-49.10	-13.00	36.10	289	354	Vertical
6	17898.4167	42.13	-31.18	42.19	-42.11	-13.00	29.11	214	121	Vertical



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Test Band = DC_2A_n78A 3700M-3800M_ 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	7310.18	46.53	-41.76	36.39	-54.10	-13.00	41.10	265	8	Horizontal
2	9281.0833	47.55	-38.36	38.57	-47.50	-13.00	34.50	296	8	Horizontal
3	10965.27	39.43	-35.62	39.56	-51.89	-13.00	38.89	265	15	Horizontal
4	13587.8333	43.02	-34.36	39.95	-46.64	-13.00	33.64	241	0	Horizontal
5	14620.36	39.18	-34.12	39.58	-50.63	-13.00	37.63	253	246	Horizontal
6	17882.125	41.02	-31.13	42.13	-43.24	-13.00	30.24	201	348	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	7310.18	47.57	-41.76	36.39	-53.06	-13.00	40.06	241	0	Vertical
2	9295.4583	47.60	-38.38	38.57	-47.47	-13.00	34.47	142	73	Vertical
3	10965.27	39.24	-35.62	39.56	-52.08	-13.00	39.08	296	226	Vertical
4	13221.75	44.10	-34.80	39.73	-46.23	-13.00	33.23	201	133	Vertical
5	14620.36	38.90	-34.12	39.58	-50.91	-13.00	37.91	175	0	Vertical
6	17868.7083	41.00	-31.09	42.07	-43.27	-13.00	30.27	288	194	Vertical



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Test Band = DC_2A_n78A 3700M-3800M_ 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	7410.18	47.45	-41.95	36.45	-53.31	-13.00	40.31	263	0	Horizontal
2	9337.625	47.39	-38.11	38.57	-47.42	-13.00	34.42	265	0	Horizontal
3	11115.27	39.53	-35.15	39.48	-51.39	-13.00	38.39	241	216	Horizontal
4	13101.9583	42.96	-34.62	39.66	-47.26	-13.00	34.26	178	195	Horizontal
5	14820.36	39.69	-33.93	39.38	-50.12	-13.00	37.12	265	84	Horizontal
6	17906.0833	41.32	-31.19	42.22	-42.90	-13.00	29.90	292	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	7410.18	46.61	-41.95	36.45	-54.15	-13.00	41.15	165	126	Vertical
2	9284.9167	47.56	-38.36	38.57	-47.49	-13.00	34.49	284	66	Vertical
3	11115.27	40.05	-35.15	39.48	-50.87	-13.00	37.87	174	35	Vertical
4	13265.8333	42.86	-34.98	39.76	-47.62	-13.00	34.62	142	199	Vertical
5	14820.36	38.10	-33.93	39.38	-51.71	-13.00	38.71	263	157	Vertical
6	17914.7083	41.85	-31.20	42.26	-42.35	-13.00	29.35	288	96	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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Test Band = DC_2A_n78A 3700M-3800M_ 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	7510.18	48.46	-41.55	36.52	-51.83	-13.00	38.83	263	84	Horizontal
2	9289.7083	48.55	-38.37	38.57	-46.51	-13.00	33.51	265	95	Horizontal
3	11265.27	40.85	-35.16	39.33	-50.23	-13.00	37.23	241	354	Horizontal
4	13574.4167	42.70	-34.30	39.94	-46.91	-13.00	33.91	178	176	Horizontal
5	15020.36	40.31	-34.30	39.17	-50.08	-13.00	37.08	255	218	Horizontal
6	17949.2083	41.39	-31.24	42.40	-42.72	-13.00	29.72	263	95	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	7510.18	46.66	-41.55	36.52	-53.63	-13.00	40.63	265	122	Vertical
2	8745.375	48.21	-39.11	38.32	-47.84	-13.00	34.84	241	235	Vertical
3	11265.27	40.92	-35.16	39.33	-50.16	-13.00	37.16	102	3	Vertical
4	13571.5417	43.49	-34.28	39.94	-46.11	-13.00	33.11	265	62	Vertical
5	15020.36	40.34	-34.30	39.17	-50.05	-13.00	37.05	201	359	Vertical
6	17851.4583	41.91	-31.03	42.01	-42.38	-13.00	29.38	189	41	Vertical



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Test Band = DC_5A_n78A 3700M-3800M_ 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	7310.18	48.64	-41.76	36.39	-51.99	-13.00	38.99	263	287	Horizontal
2	9192.9167	47.35	-38.25	38.58	-47.58	-13.00	34.58	254	165	Horizontal
3	10965.27	38.63	-35.62	39.56	-52.69	-13.00	39.69	174	236	Horizontal
4	13193	43.15	-34.71	39.72	-47.11	-13.00	34.11	142	337	Horizontal
5	14620.36	40.35	-34.12	39.58	-49.46	-13.00	36.46	263	246	Horizontal
6	17864.875	41.40	-31.07	42.06	-42.88	-13.00	29.88	288	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	7310.18	46.83	-41.76	36.39	-53.80	-13.00	40.80	263	279	Vertical
2	9276.2917	47.57	-38.35	38.57	-47.47	-13.00	34.47	295	66	Vertical
3	10965.27	39.86	-35.62	39.56	-51.46	-13.00	38.46	241	106	Vertical
4	13129.75	43.05	-34.65	39.68	-47.18	-13.00	34.18	178	178	Vertical
5	14620.36	38.90	-34.12	39.58	-50.91	-13.00	37.91	201	279	Vertical
6	17892.6667	40.61	-31.16	42.17	-43.64	-13.00	30.64	188	279	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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Test Band = DC_5A_n78A 3700M-3800M_ 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	7410.18	47.43	-41.95	36.45	-53.33	-13.00	40.33	263	44	Horizontal
2	9188.125	46.91	-38.28	38.58	-48.05	-13.00	35.05	254	267	Horizontal
3	11115.27	40.78	-35.15	39.48	-50.14	-13.00	37.14	142	186	Horizontal
4	13446.9583	43.02	-34.50	39.87	-46.87	-13.00	33.87	250	226	Horizontal
5	14820.36	40.90	-33.93	39.38	-48.91	-13.00	35.91	142	3	Horizontal
6	17852.4167	41.33	-31.04	42.01	-42.96	-13.00	29.96	263	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	7410.18	46.69	-41.95	36.45	-54.07	-13.00	41.07	265	227	Vertical
2	9154.5833	47.38	-38.44	38.58	-47.73	-13.00	34.73	241	75	Vertical
3	11115.27	39.79	-35.15	39.48	-51.13	-13.00	38.13	174	328	Vertical
4	13027.2083	44.04	-34.80	39.62	-46.41	-13.00	33.41	142	25	Vertical
5	14820.36	38.57	-33.93	39.38	-51.24	-13.00	38.24	263	36	Vertical
6	17845.7083	40.88	-31.02	41.98	-43.41	-13.00	30.41	299	147	Vertical



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Test Band = DC_5A_n78A 3700M-3800M_ 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	7510.18	47.79	-41.55	36.52	-52.50	-13.00	39.50	264	65	Horizontal
2	9296.4167	47.15	-38.38	38.57	-47.92	-13.00	34.92	125	256	Horizontal
3	11265.27	40.48	-35.16	39.33	-50.60	-13.00	37.60	241	256	Horizontal
4	13589.75	42.57	-34.36	39.95	-47.10	-13.00	34.10	175	23	Horizontal
5	15020.36	40.62	-34.30	39.17	-49.77	-13.00	36.77	296	15	Horizontal
6	17959.75	40.71	-31.26	42.44	-43.37	-13.00	30.37	201	196	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	7510.18	48.11	-41.55	36.52	-52.18	-13.00	39.18	201	104	Vertical
2	8778.9167	47.78	-39.01	38.36	-48.14	-13.00	35.14	142	317	Vertical
3	11265.27	39.78	-35.16	39.33	-51.30	-13.00	38.30	265	0	Vertical
4	13604.125	42.48	-34.43	39.96	-47.25	-13.00	34.25	241	1	Vertical
5	15020.36	40.31	-34.30	39.17	-50.08	-13.00	37.08	175	347	Vertical
6	17870.625	40.78	-31.09	42.08	-43.49	-13.00	30.49	299	166	Vertical



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Test Band = DC_7A_n78A 3700M-3800M_ 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	7310.18	47.05	-41.76	36.39	-53.58	-13.00	40.58	100	65	Horizontal
2	9284.9167	47.65	-38.36	38.57	-47.40	-13.00	34.40	142	34	Horizontal
3	10965.27	39.44	-35.62	39.56	-51.88	-13.00	38.88	263	307	Horizontal
4	13699.9583	43.39	-34.89	40.02	-46.74	-13.00	33.74	265	216	Horizontal
5	14620.36	38.24	-34.12	39.58	-51.57	-13.00	38.57	284	175	Horizontal
6	17877.3333	41.08	-31.11	42.11	-43.18	-13.00	30.18	175	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	7310.18	47.48	-41.76	36.39	-53.15	-13.00	40.15	263	356	Vertical
2	9300.25	48.32	-38.39	38.57	-46.76	-13.00	33.76	265	65	Vertical
3	10965.27	39.00	-35.62	39.56	-52.32	-13.00	39.32	241	17	Vertical
4	13151.7917	43.03	-34.67	39.69	-47.21	-13.00	34.21	174	136	Vertical
5	14620.36	38.83	-34.12	39.58	-50.98	-13.00	37.98	142	356	Vertical
6	17862	41.67	-31.07	42.05	-42.61	-13.00	29.61	268	156	Vertical



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Test Band = DC_7A_n78A 3700M-3800M_ 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	7410.18	47.97	-41.95	36.45	-52.79	-13.00	39.79	201	0	Horizontal
2	8800.9583	47.41	-38.95	38.38	-48.42	-13.00	35.42	142	206	Horizontal
3	11115.27	40.51	-35.15	39.48	-50.41	-13.00	37.41	263	337	Horizontal
4	12636.2083	43.45	-34.83	39.24	-47.40	-13.00	34.40	265	24	Horizontal
5	14820.36	40.35	-33.93	39.38	-49.46	-13.00	36.46	295	135	Horizontal
6	17875.4167	41.55	-31.11	42.10	-42.71	-13.00	29.71	284	298	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	7410.18	47.20	-41.95	36.45	-53.56	-13.00	40.56	201	187	Vertical
2	9288.75	47.57	-38.37	38.57	-47.49	-13.00	34.49	142	66	Vertical
3	11115.27	39.29	-35.15	39.48	-51.63	-13.00	38.63	265	0	Vertical
4	13262	44.18	-34.96	39.76	-46.28	-13.00	33.28	284	23	Vertical
5	14820.36	39.40	-33.93	39.38	-50.41	-13.00	37.41	175	278	Vertical
6	17870.625	41.23	-31.09	42.08	-43.04	-13.00	30.04	263	1	Vertical



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWA2204000009RG02

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Test Band = DC_7A_n78A 3700M-3800M_ 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	7510.18	47.70	-41.55	36.52	-52.59	-13.00	39.59	263	1	Horizontal
2	9255.2083	48.30	-38.31	38.57	-46.70	-13.00	33.70	254	226	Horizontal
3	11265.27	41.84	-35.16	39.33	-49.24	-13.00	36.24	142	145	Horizontal
4	12650.5833	44.63	-34.95	39.25	-46.33	-13.00	33.33	284	278	Horizontal
5	15020.36	39.95	-34.30	39.17	-50.44	-13.00	37.44	176	125	Horizontal
6	17848.5833	41.31	-31.03	41.99	-42.98	-13.00	29.98	204	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	7510.18	45.98	-41.55	36.52	-54.31	-13.00	41.31	265	55	Vertical
2	9244.6667	47.24	-38.30	38.58	-47.74	-13.00	34.74	296	176	Vertical
3	11265.27	39.83	-35.16	39.33	-51.25	-13.00	38.25	233	156	Vertical
4	13111.5417	43.02	-34.63	39.67	-47.20	-13.00	34.20	211	3	Vertical
5	15020.36	40.66	-34.30	39.17	-49.73	-13.00	36.73	142	277	Vertical
6	17775.75	41.64	-30.92	41.70	-42.84	-13.00	29.84	287	85	Vertical



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWA2204000009RG02

Rev.: 01

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Test Band = DC_12A_n78A 3700M-3800M_ 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	7310.18	46.75	-41.76	36.39	-53.88	-13.00	40.88	263	360	Horizontal
2	9393.2083	45.74	-37.70	38.56	-48.66	-13.00	35.66	241	62	Horizontal
3	10965.27	38.48	-35.62	39.56	-52.84	-13.00	39.84	142	360	Horizontal
4	13211.2083	43.05	-34.76	39.73	-47.25	-13.00	34.25	286	174	Horizontal
5	14620.36	38.91	-34.12	39.58	-50.90	-13.00	37.90	201	123	Horizontal
6	17897.4583	41.47	-31.17	42.19	-42.77	-13.00	29.77	186	263	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	7310.18	46.93	-41.76	36.39	-53.70	-13.00	40.70	296	305	Vertical
2	9270.5417	46.97	-38.34	38.57	-48.06	-13.00	35.06	284	93	Vertical
3	10965.27	39.17	-35.62	39.56	-52.15	-13.00	39.15	175	344	Vertical
4	13032	42.50	-34.79	39.62	-47.93	-13.00	34.93	201	275	Vertical
5	14620.36	39.04	-34.12	39.58	-50.77	-13.00	37.77	142	255	Vertical
6	17874.4583	41.05	-31.10	42.10	-43.22	-13.00	30.22	263	123	Vertical



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Test Band = DC_12A_n78A 3700M-3800M_ 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	7410.18	46.67	-41.95	36.45	-54.09	-13.00	41.09	265	23	Horizontal
2	9270.5417	46.52	-38.34	38.57	-48.51	-13.00	35.51	142	43	Horizontal
3	11115.27	39.95	-35.15	39.48	-50.97	-13.00	37.97	296	155	Horizontal
4	13088.5417	42.78	-34.65	39.65	-47.48	-13.00	34.48	201	204	Horizontal
5	14820.36	39.15	-33.93	39.38	-50.66	-13.00	37.66	144	295	Horizontal
6	17861.0417	40.54	-31.06	42.04	-43.74	-13.00	30.74	285	326	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	7410.18	45.93	-41.95	36.45	-54.83	-13.00	41.83	236	12	Vertical
2	9398.9583	45.99	-37.66	38.56	-48.37	-13.00	35.37	241	359	Vertical
3	11115.27	39.52	-35.15	39.48	-51.40	-13.00	38.40	142	84	Vertical
4	13065.5417	43.16	-34.71	39.64	-47.17	-13.00	34.17	266	195	Vertical
5	14820.36	38.76	-33.93	39.38	-51.05	-13.00	38.05	255	360	Vertical
6	17883.0833	40.69	-31.13	42.13	-43.57	-13.00	30.57	284	3	Vertical



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Test Band = DC_12A_n78A 3700M-3800M_ 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	7510.18	46.86	-41.55	36.52	-53.43	-13.00	40.43	241	265	Horizontal
2	9300.25	47.94	-38.39	38.57	-47.14	-13.00	34.14	142	43	Horizontal
3	11265.27	40.23	-35.16	39.33	-50.85	-13.00	37.85	265	103	Horizontal
4	13589.75	43.22	-34.36	39.95	-46.45	-13.00	33.45	201	224	Horizontal
5	15020.36	39.78	-34.30	39.17	-50.61	-13.00	37.61	142	195	Horizontal
6	17838.0417	41.53	-30.99	41.95	-42.77	-13.00	29.77	268	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	7510.18	47.64	-41.55	36.52	-52.65	-13.00	39.65	263	360	Vertical
2	9412.375	46.58	-37.71	38.56	-47.83	-13.00	34.83	241	124	Vertical
3	11265.27	39.37	-35.16	39.33	-51.71	-13.00	38.71	254	254	Vertical
4	13678.875	43.29	-34.79	40.01	-46.75	-13.00	33.75	122	144	Vertical
5	15020.36	39.63	-34.30	39.17	-50.76	-13.00	37.76	254	92	Vertical
6	17869.6667	40.60	-31.09	42.08	-43.67	-13.00	30.67	196	265	Vertical



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Test Band = DC_66A_n78A 3700M-3800M_ 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	7310.18	46.47	-41.76	36.39	-54.16	-13.00	41.16	263	198	Horizontal
2	9289.7083	47.07	-38.37	38.57	-47.99	-13.00	34.99	210	75	Horizontal
3	10965.27	39.90	-35.62	39.56	-51.42	-13.00	38.42	142	0	Horizontal
4	13604.125	42.45	-34.43	39.96	-47.28	-13.00	34.28	284	17	Horizontal
5	14620.36	37.81	-34.12	39.58	-52.00	-13.00	39.00	155	257	Horizontal
6	17880.2083	40.57	-31.12	42.12	-43.69	-13.00	30.69	263	187	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	7310.18	47.49	-41.76	36.39	-53.14	-13.00	40.14	142	3	Vertical
2	9274.375	47.47	-38.35	38.57	-47.56	-13.00	34.56	265	116	Vertical
3	10965.27	39.90	-35.62	39.56	-51.42	-13.00	38.42	284	16	Vertical
4	13080.875	42.49	-34.67	39.65	-47.79	-13.00	34.79	142	308	Vertical
5	14620.36	38.88	-34.12	39.58	-50.93	-13.00	37.93	263	177	Vertical
6	17976.0417	41.17	-31.28	42.50	-42.86	-13.00	29.86	201	155	Vertical



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t (86-512) 62992980 sgs.china@sgs.com

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Test Band = DC_66A_n78A 3700M-3800M_ 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	7410.18	46.80	-41.95	36.45	-53.96	-13.00	40.96	254	298	Horizontal
2	8690.75	47.02	-39.29	38.26	-49.27	-13.00	36.27	142	337	Horizontal
3	11115.27	39.46	-35.15	39.48	-51.46	-13.00	38.46	263	164	Horizontal
4	13228.4583	43.12	-34.83	39.74	-47.23	-13.00	34.23	288	1	Horizontal
5	14820.36	38.79	-33.93	39.38	-51.02	-13.00	38.02	241	0	Horizontal
6	17825.5833	41.16	-30.96	41.90	-43.15	-13.00	30.15	104	317	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	7410.18	46.43	-41.95	36.45	-54.33	-13.00	41.33	269	123	Vertical
2	9290.6667	47.00	-38.37	38.57	-48.06	-13.00	35.06	254	255	Vertical
3	11115.27	39.26	-35.15	39.48	-51.66	-13.00	38.66	174	276	Vertical
4	12643.875	42.90	-34.89	39.24	-48.01	-13.00	35.01	142	184	Vertical
5	14820.36	38.54	-33.93	39.38	-51.27	-13.00	38.27	255	41	Vertical
6	17890.75	41.17	-31.15	42.16	-43.08	-13.00	30.08	284	214	Vertical



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t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Test Band = DC_66A_n78A 3700M-3800M_ 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	7510.18	46.02	-41.55	36.52	-54.27	-13.00	41.27	269	0	Horizontal
2	9300.25	46.85	-38.39	38.57	-48.23	-13.00	35.23	241	144	Horizontal
3	11265.27	41.07	-35.16	39.33	-50.01	-13.00	37.01	178	74	Horizontal
4	13270.625	43.80	-35.00	39.76	-46.69	-13.00	33.69	266	357	Horizontal
5	15020.36	38.92	-34.30	39.17	-51.47	-13.00	38.47	201	135	Horizontal
6	17869.6667	40.96	-31.09	42.08	-43.31	-13.00	30.31	144	15	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	7510.18	47.15	-41.55	36.52	-53.14	-13.00	40.14	255	83	Vertical
2	9382.6667	47.05	-37.78	38.56	-47.43	-13.00	34.43	241	246	Vertical
3	11265.27	39.70	-35.16	39.33	-51.38	-13.00	38.38	174	0	Vertical
4	13269.6667	42.85	-34.99	39.76	-47.64	-13.00	34.64	163	278	Vertical
5	15020.36	39.77	-34.30	39.17	-50.62	-13.00	37.62	269	226	Vertical
6	17878.2917	40.68	-31.11	42.11	-43.58	-13.00	30.58	255	317	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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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	5.700000	0.001520	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	2.600000	0.000693	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	0.500000	0.000133	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	VH	NT	4.300000	0.001147	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	VN	NT	1.400000	0.000373	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	VL	NT	5.500000	0.001467	PASS



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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	9.100000	0.002427	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	8.900000	0.002373	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	5.800000	0.001547	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	4.100000	0.001093	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	3.200000	0.000853	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	6.500000	0.001733	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	4.100000	0.001093	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	4.600000	0.001227	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	5.500000	0.001467	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-30	-0.200000	-0.000053	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-20	13.200000	0.003520	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-10	2.000000	0.000533	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	0	7.500000	0.002000	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	10	4.800000	0.001280	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	20	7.700000	0.002053	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	30	3.700000	0.000987	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	40	-0.900000	-0.000240	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	50	13.400000	0.003573	PASS

---End of Attachment---



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