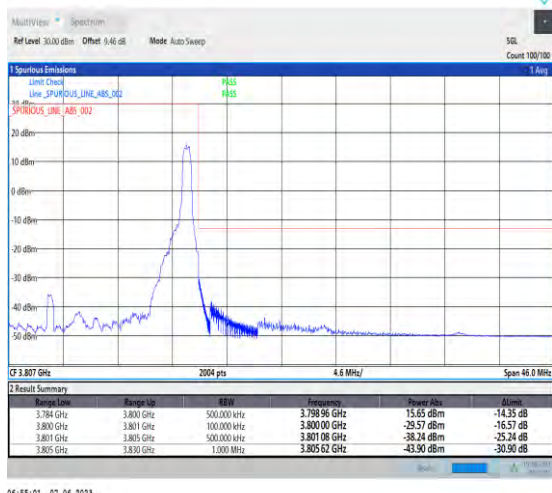


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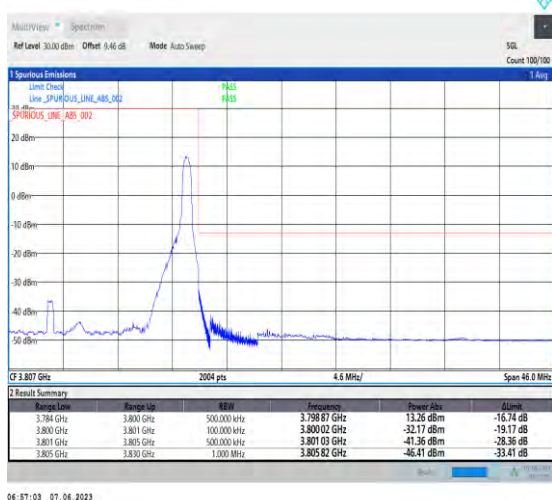
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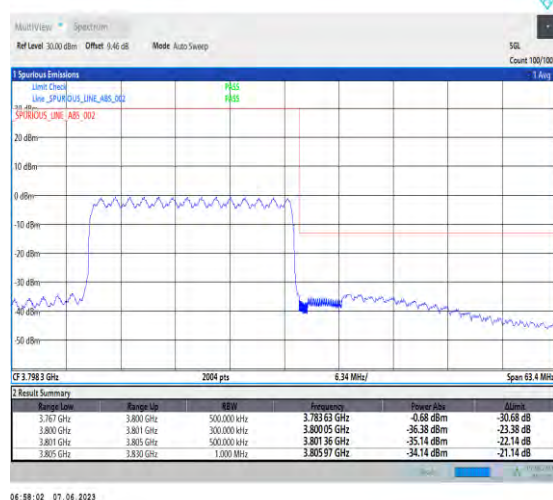
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1-N78-3700-3800-PC3-30-25-H-5-CP-QPSK-Edge_1RB_Right-1@64-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-25-H-6-CP-QPSK-Outer_Full-65@0-Ant1-1--PASS-see graph



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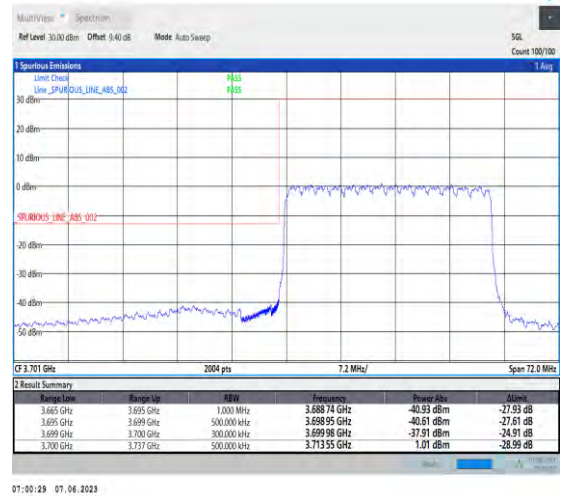
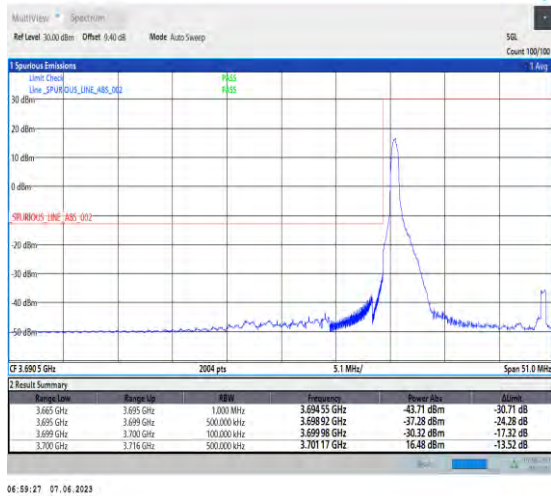
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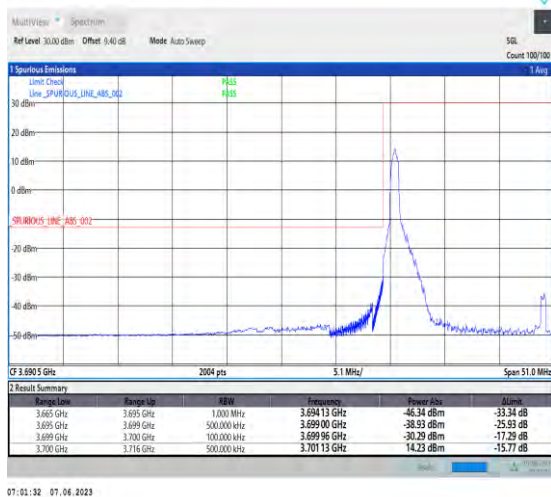
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1-N78-3700-3800-PC3-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC3-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC3-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph



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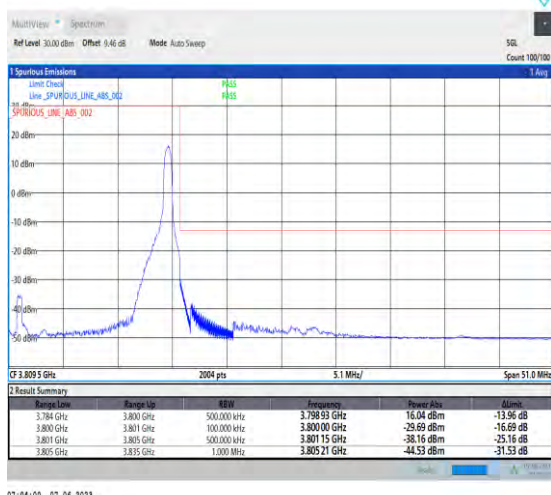
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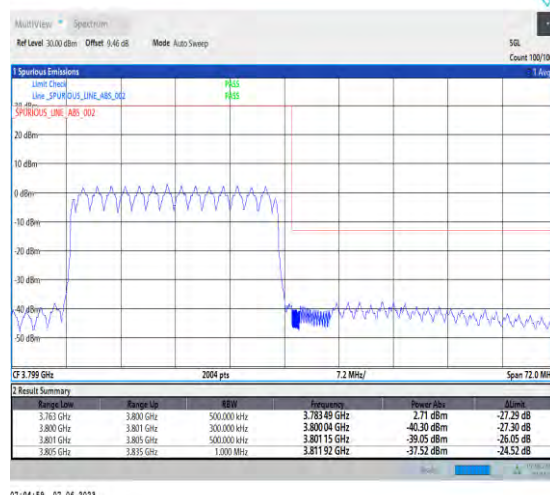
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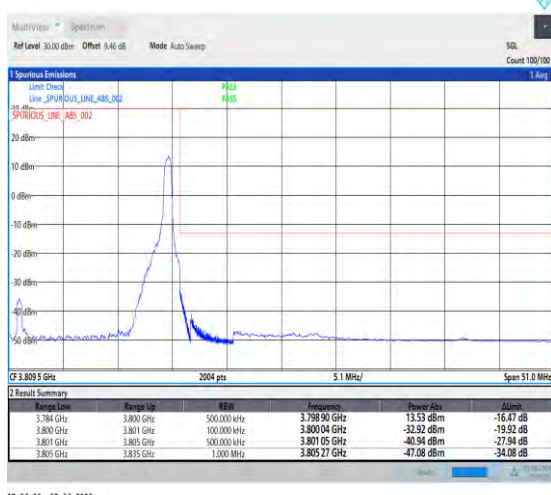
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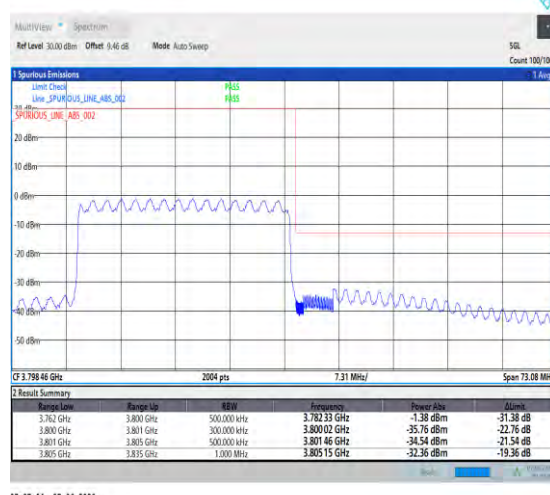
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1-N78-3700-3800-PC3-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph



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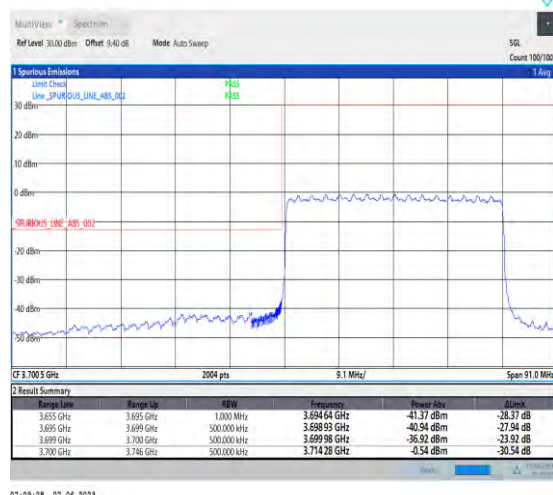
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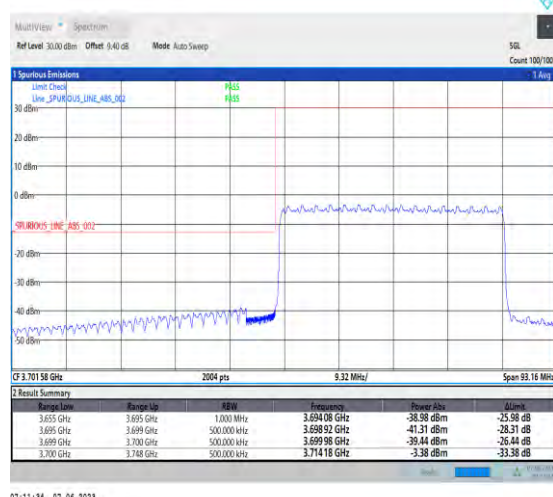
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1-N78-3700-3800-PC3-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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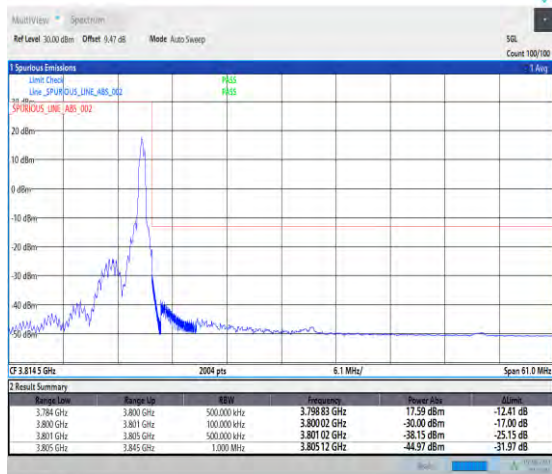
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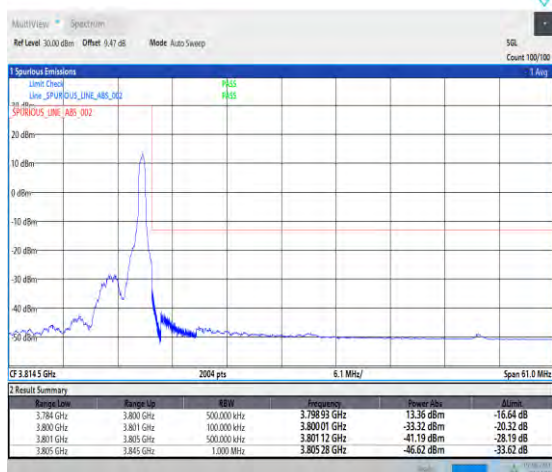
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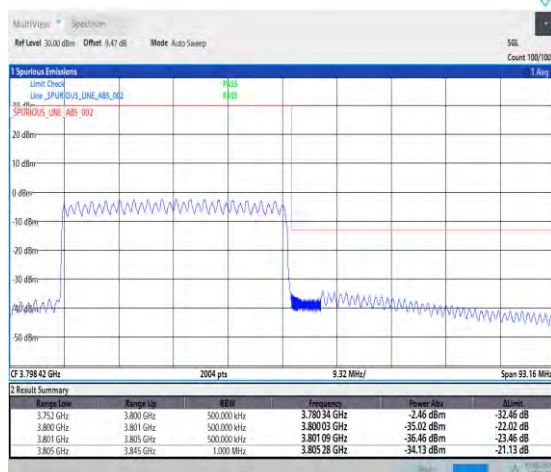
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1-N78-3700-3800-PC3-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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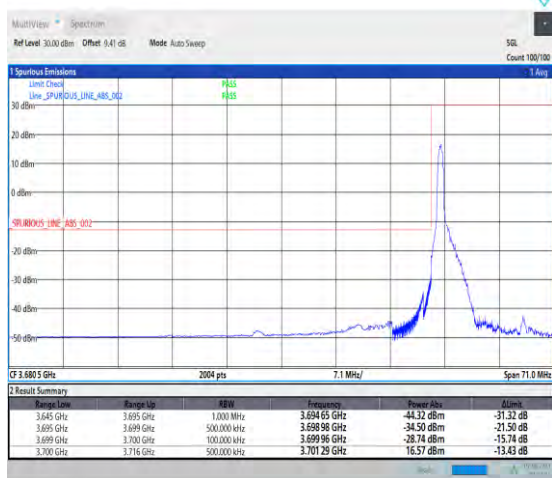
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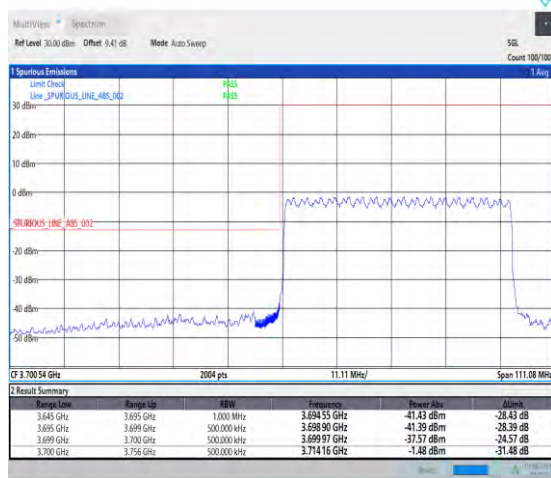
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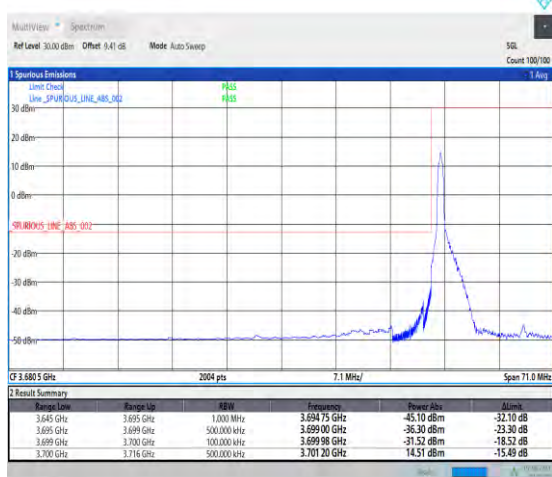
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1-N78-3700-3800-PC3-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant1-1--PASS-see graph



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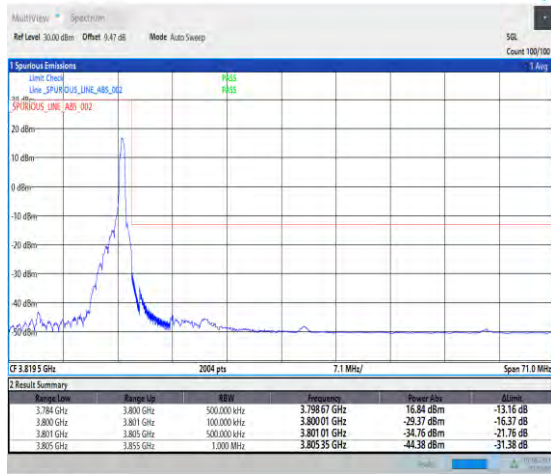
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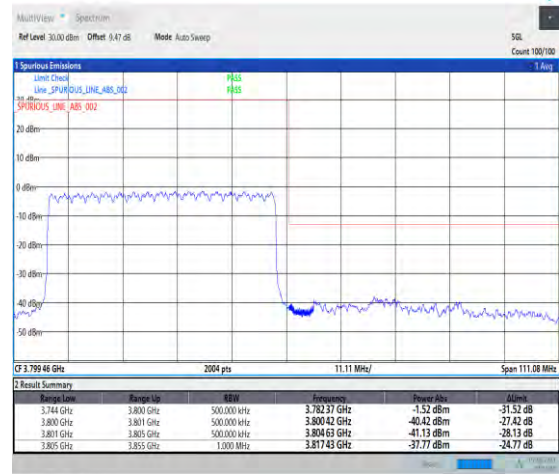
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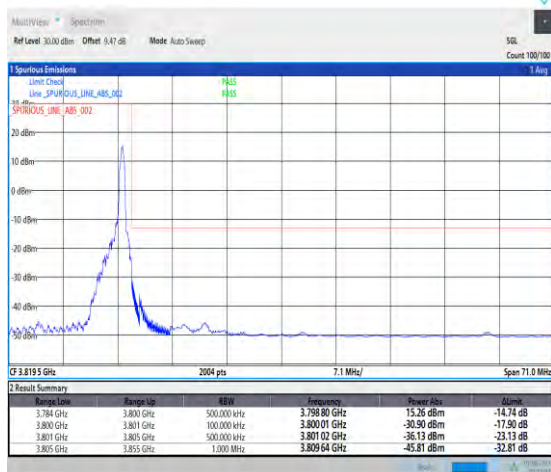
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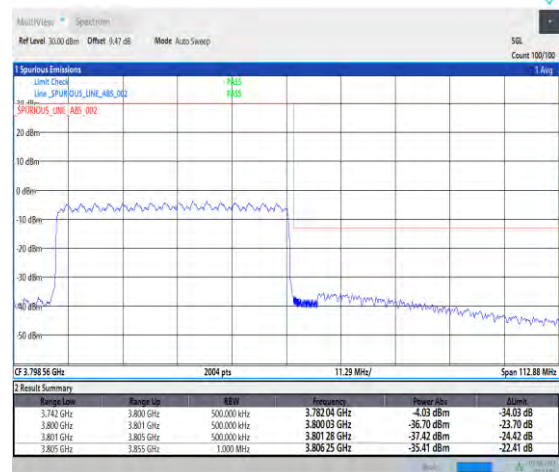
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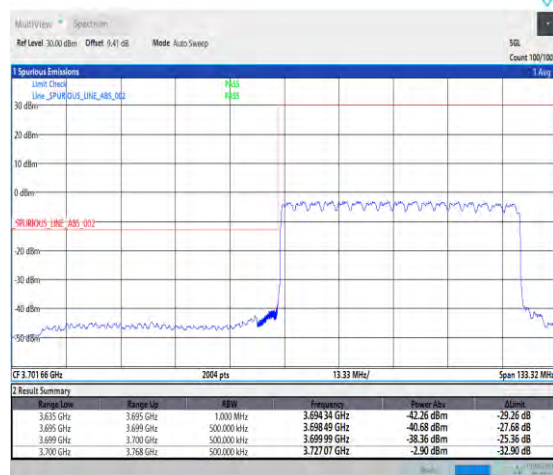
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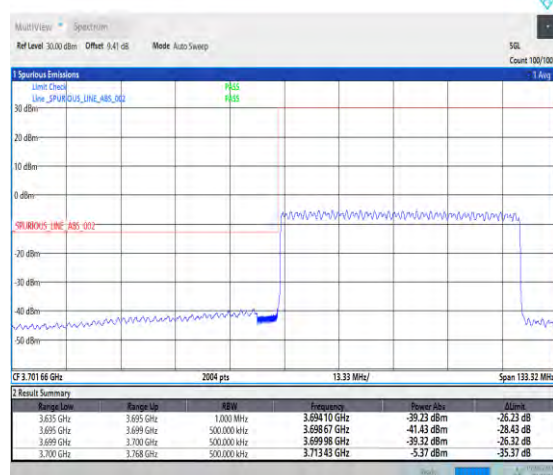
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07:29:16 07.06.2023

1-N78-3700-3800-PC3-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



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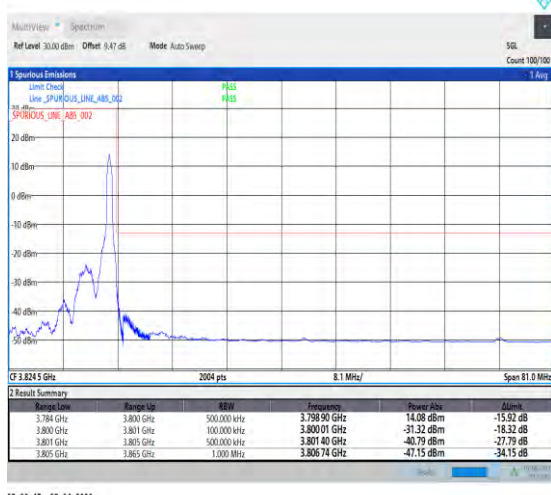
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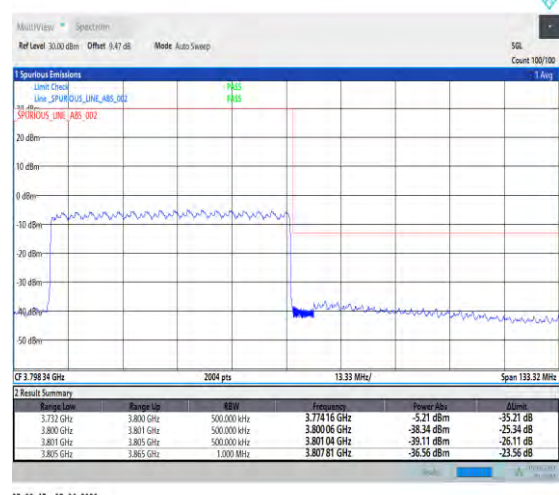
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1-N78-3700-3800-PC3-30-60-H-5-CP-QPSK-Edge_1RB_Right-1@161-Ant1-1--PASS-see graph



07:33:47 07.06.2023

1-N78-3700-3800-PC3-30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



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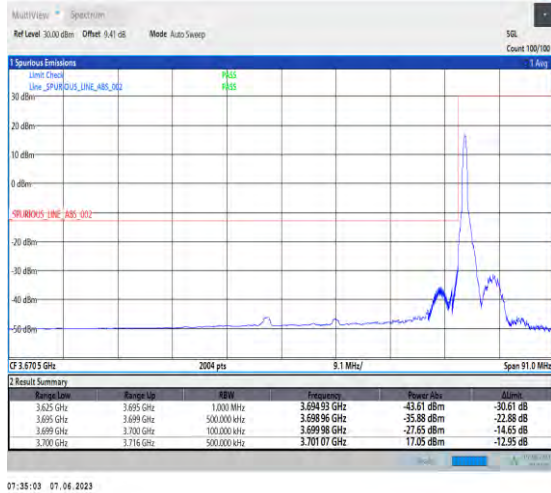
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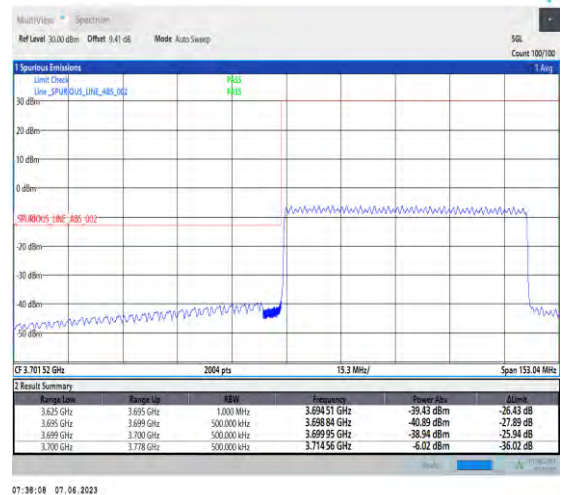
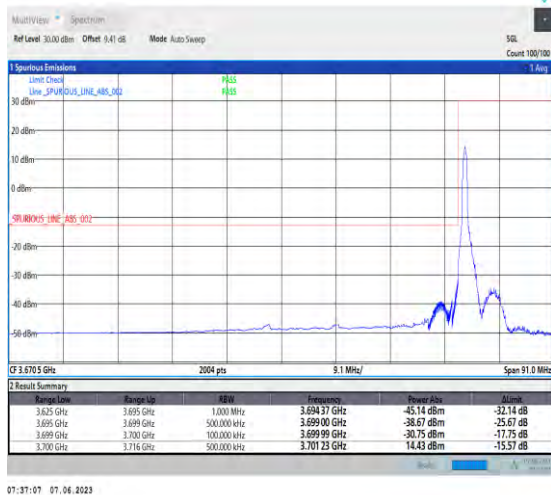
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1-N78-3700-3800-PC3-30-70-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC3-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC3-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph



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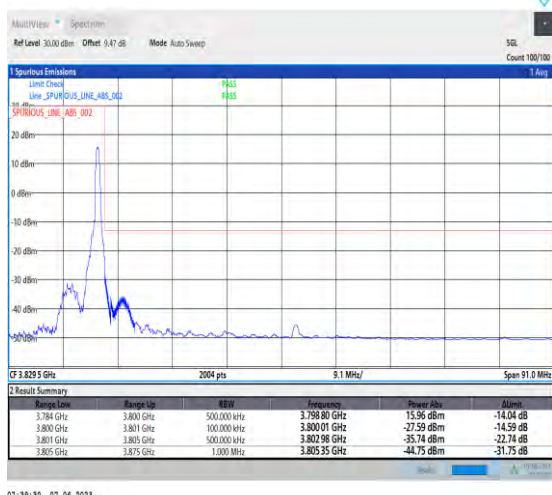
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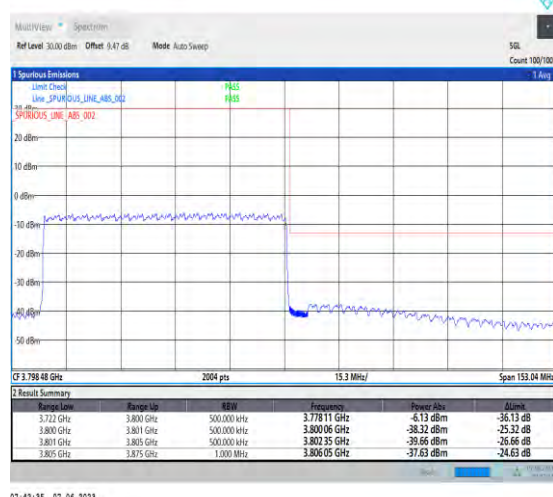
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1-N78-3700-3800-PC3-30-70-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@188-Ant1-1--PASS-see graph

1-N78-3700-3800-PC3-30-70-H-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant1-1--PASS-see graph

1-N78-3700-3800-PC3-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph



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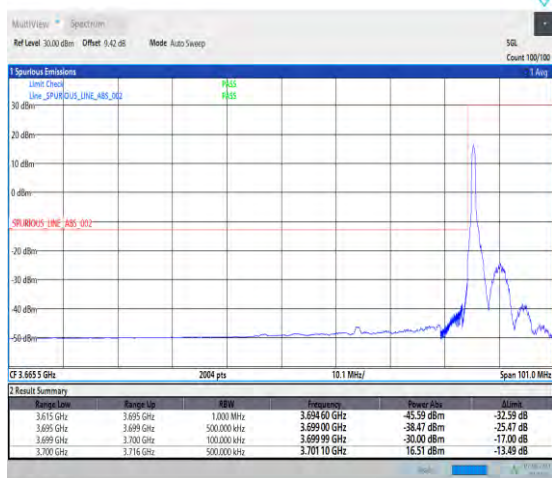
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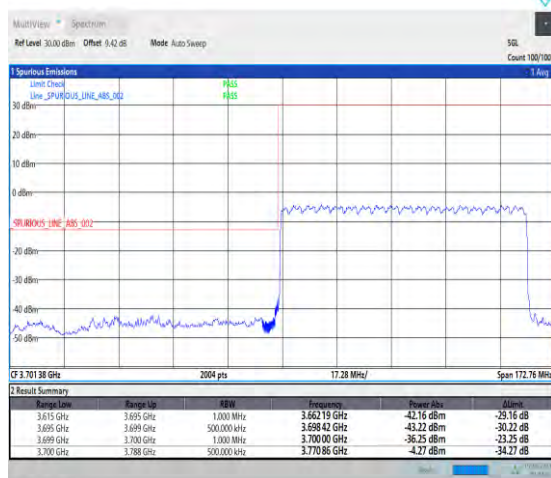
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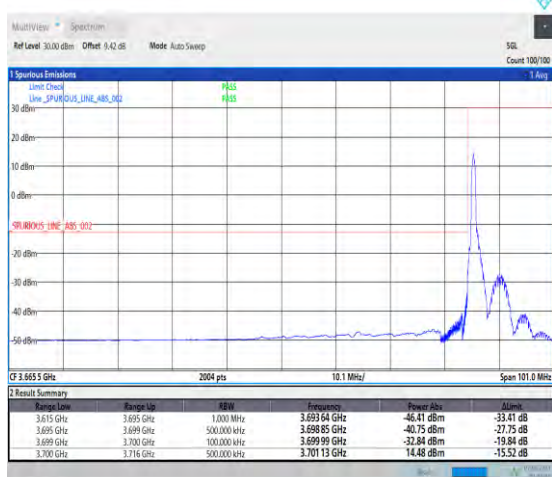
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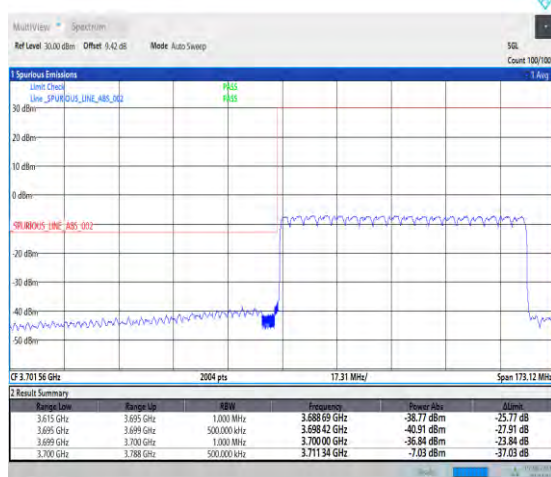
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1-N78-3700-3800-PC3-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



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1-N78-3700-3800-PC3-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



07:47:02 07.06.2023

1-N78-3700-3800-PC3-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph



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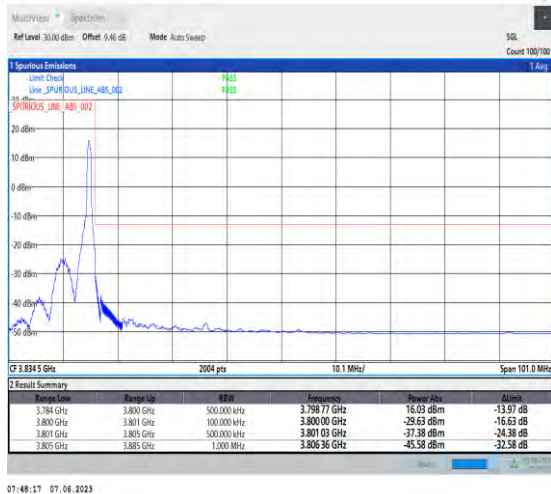
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1-N78-3700-3800-PC3-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph



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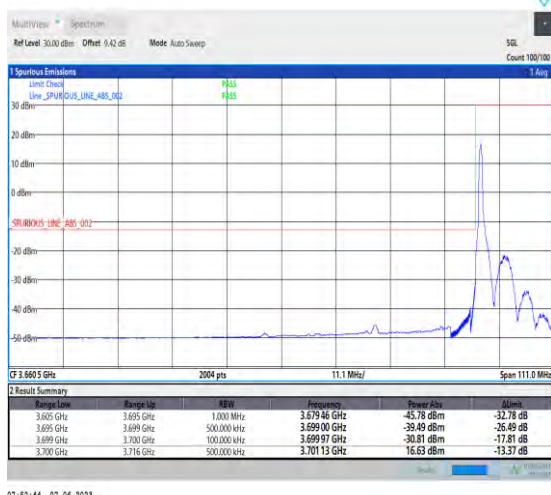
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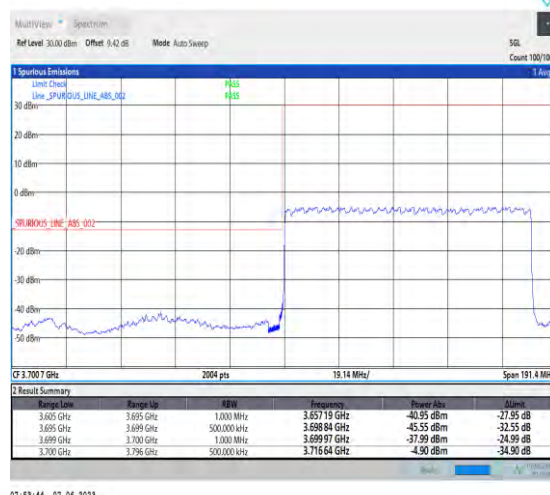
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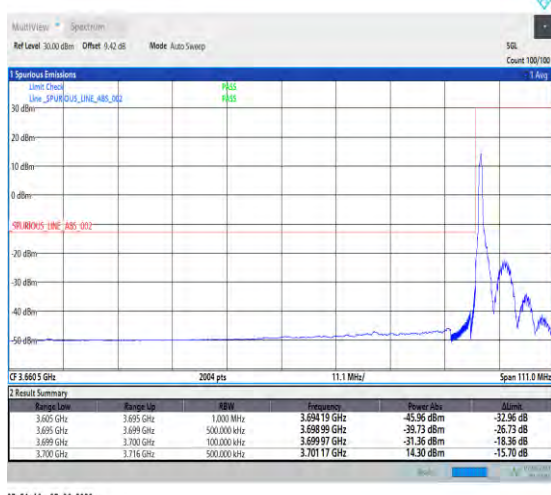
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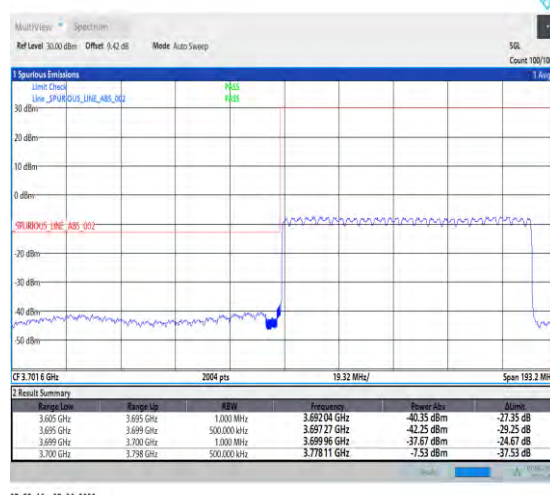
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1-N78-3700-3800-PC3-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph



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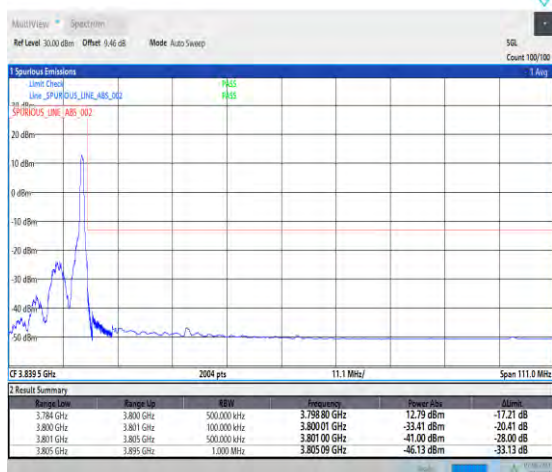
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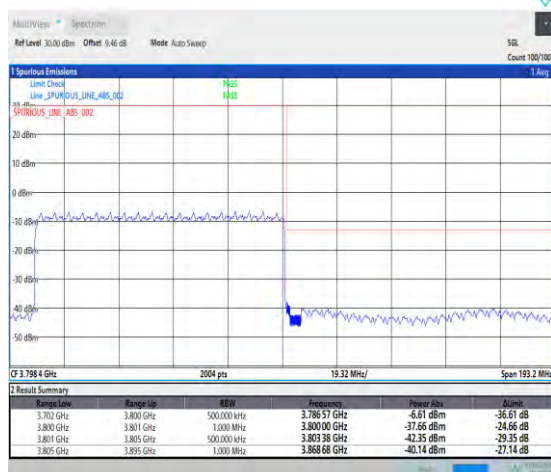
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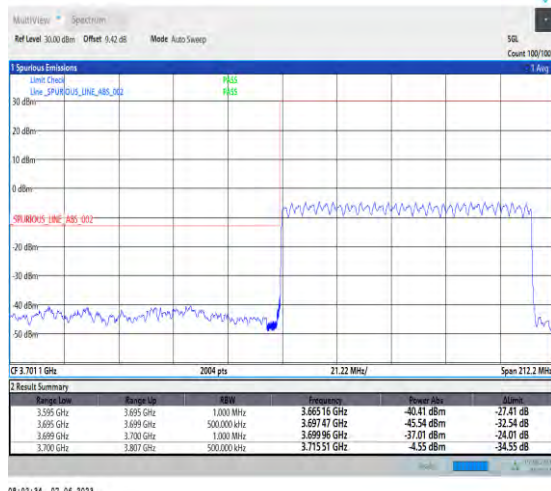
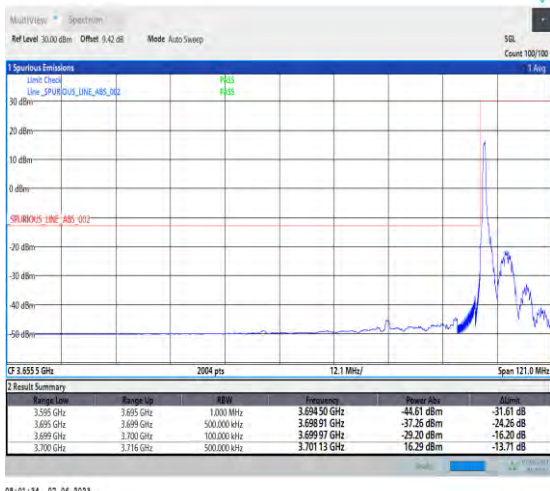
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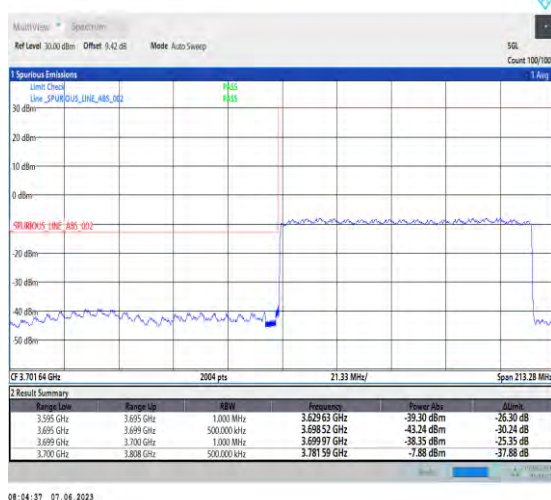
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1-N78-3700-3800-PC3-30-100-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC3-30-100-L-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC3-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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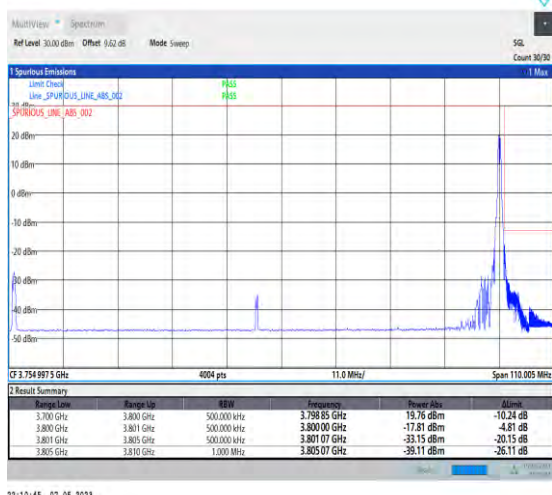
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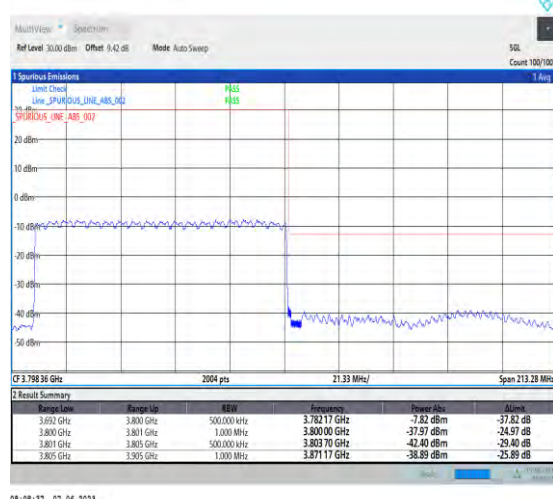
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1-N78-3700-3800-PC3-30-100-H-1-DFT-PI2BPSK-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph

1-N78-3700-3800-PC3-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC3-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph

1-N78-3700-3800-PC3-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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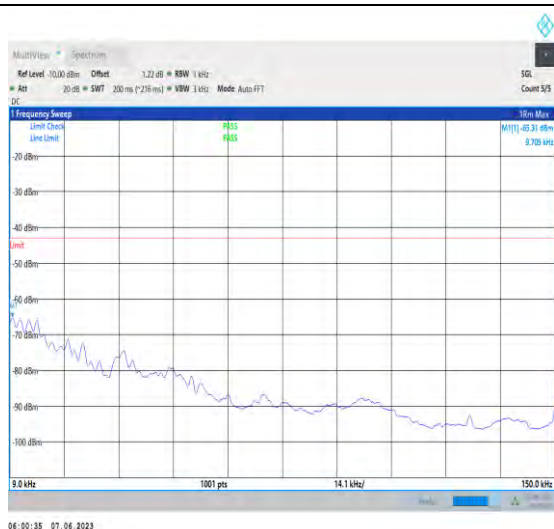
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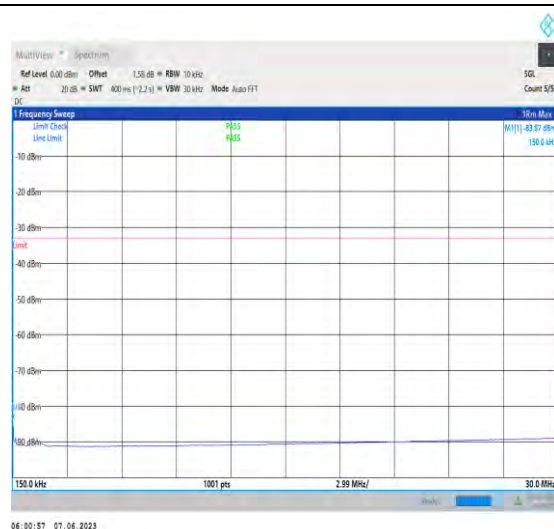
Report No.: SEWM2305000177RG02
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Conducted Spurious Emission for SA

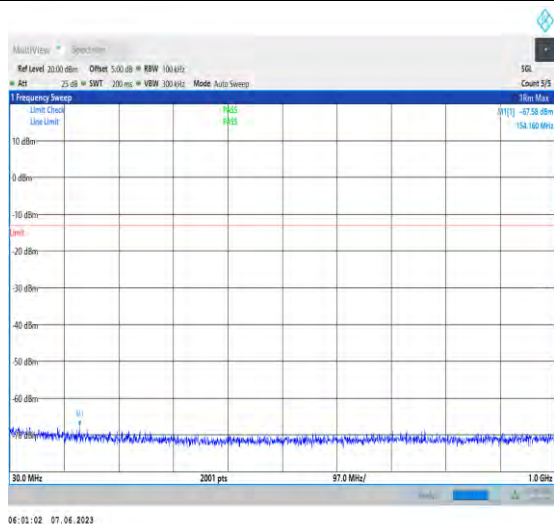
Test Graphs



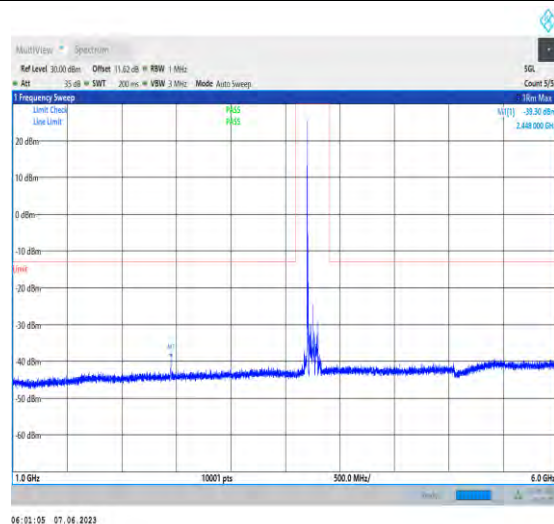
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SK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.01--65.
31--43-PASS



1-N78-3700-3800-PC3-30-100-L-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--83.87--3
3-PASS



1-N78-3700-3800-PC3-30-100-L-1-N/A-DFT-PI2BP
SK-Inner_1RB_Left-1@1-30-1000-Ant1-154.16--67.
58--13-PASS



1-N78-3700-3800-PC3-30-100-L-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-1000-6000-Ant1-2448.00--39
.30--13-PASS



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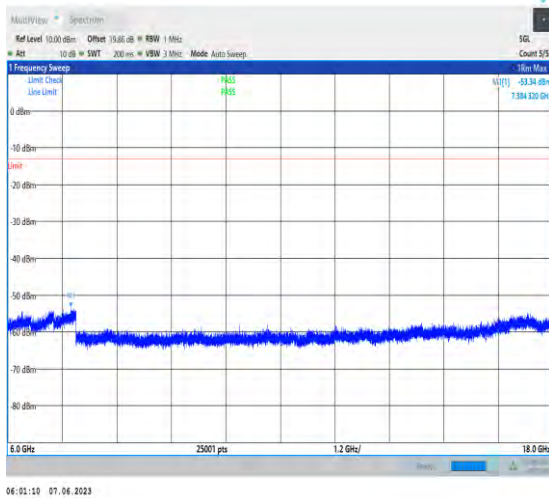
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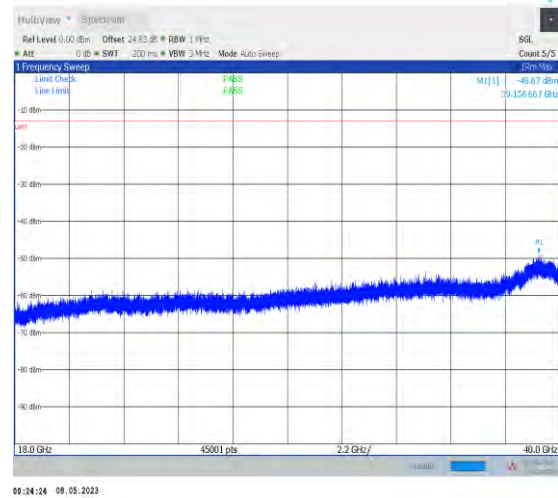
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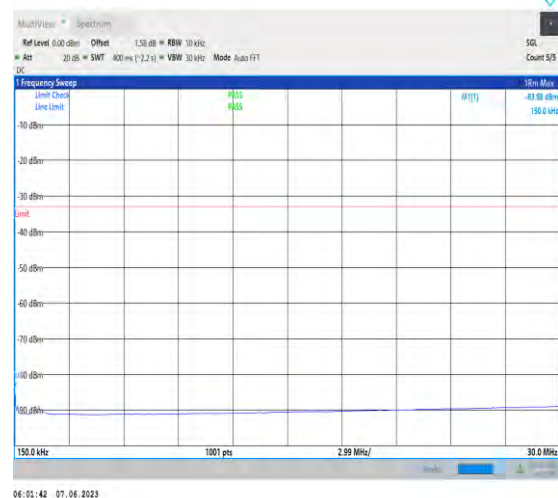
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SK-Inner_1RB_Left-1@1-6000-18000-Ant1-7384.32
--53.34--13-PASS



1-N78-3700-3800-PC3-30-100-L-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00
--61.07--13-PASS



1-N78-3700-3800-PC3-30-100-M-1-N/A-DFT-PI2BP
SK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.01--65.
52--43-PASS



1-N78-3700-3800-PC3-30-100-M-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--83.88--3
3-PASS



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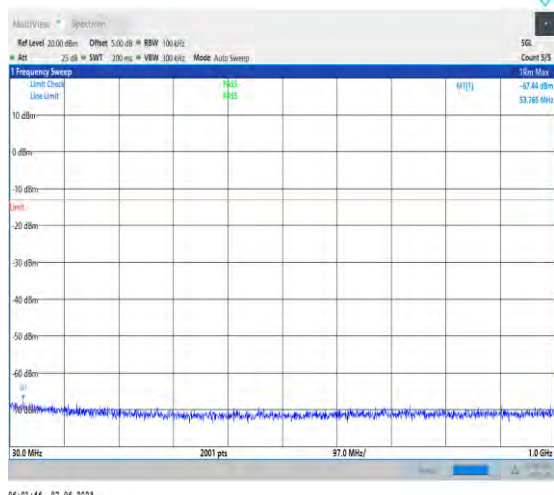
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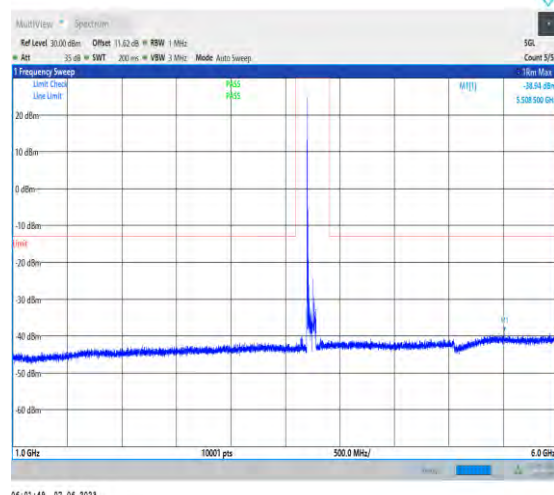
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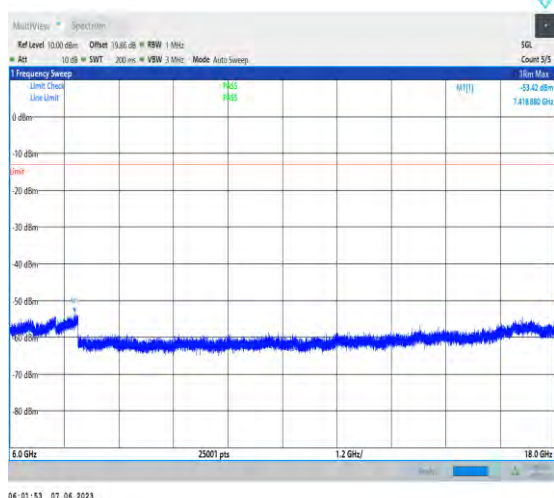
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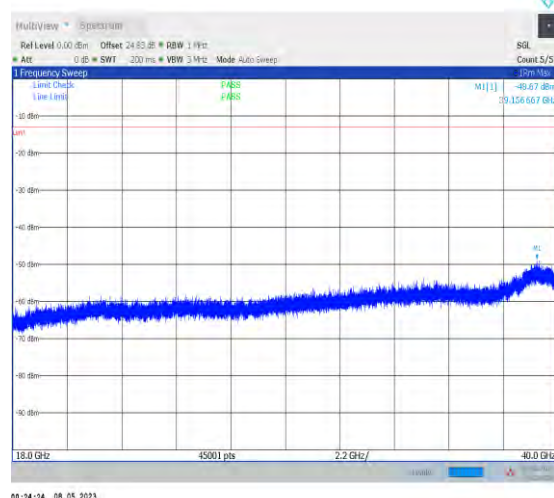
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SK-Inner_1RB_Left-1@1-30-1000-Ant1-53.77--67.4
4--13-PASS



1-N78-3700-3800-PC3-30-100-M-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-1000-6000-Ant1-5508.50--38.94--13-PASS



1-N78-3700-3800-PC3-30-100-M-1-N/A-DFT-PI2BP
SK-Inner_1RB_Left-1@1-6000-18000-Ant1-7418.88
--53.42--13-PASS



1-N78-3700-3800-PC3-30-100-M-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00
--62.35--13-PASS



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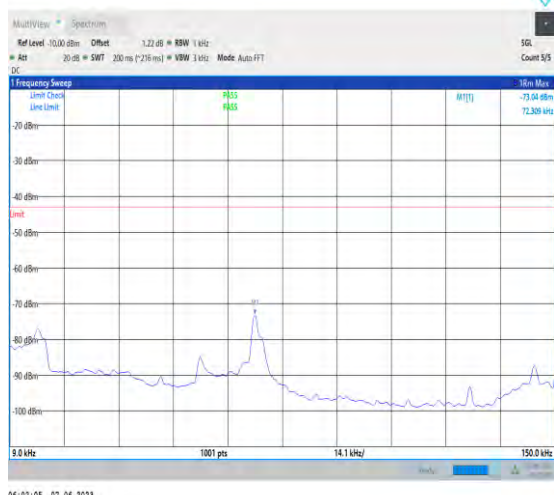
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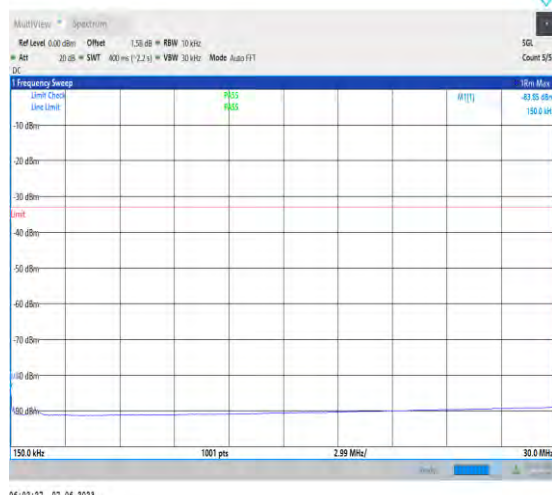
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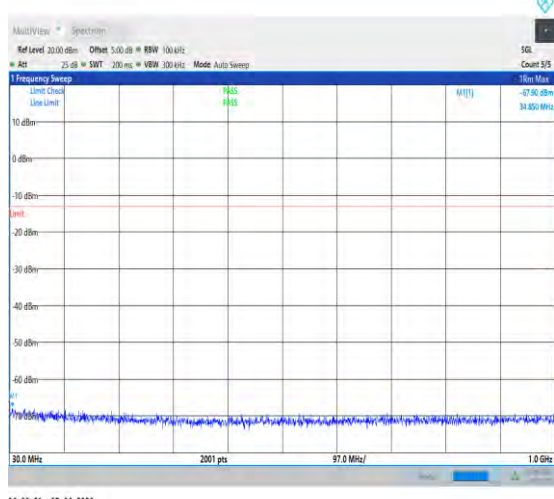
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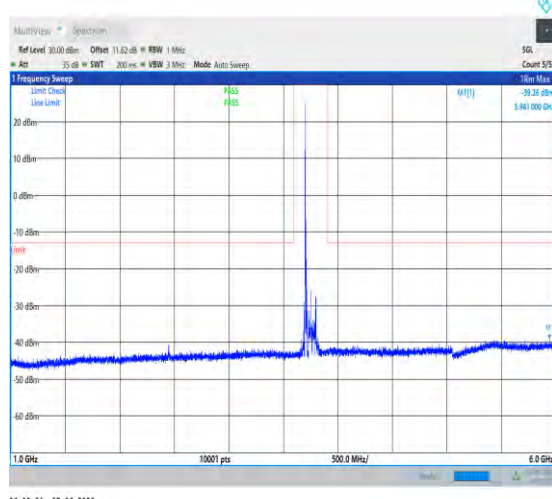
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SK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.07--73.
04--43-PASS



1-N78-3700-3800-PC3-30-100-H-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--83.85--3
3-PASS



1-N78-3700-3800-PC3-30-100-H-1-N/A-DFT-PI2BP
SK-Inner_1RB_Left-1@1-30-1000-Ant1-34.85--67.9
0--13-PASS



1-N78-3700-3800-PC3-30-100-H-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-1000-6000-Ant1-5941.00--39
.26--13-PASS



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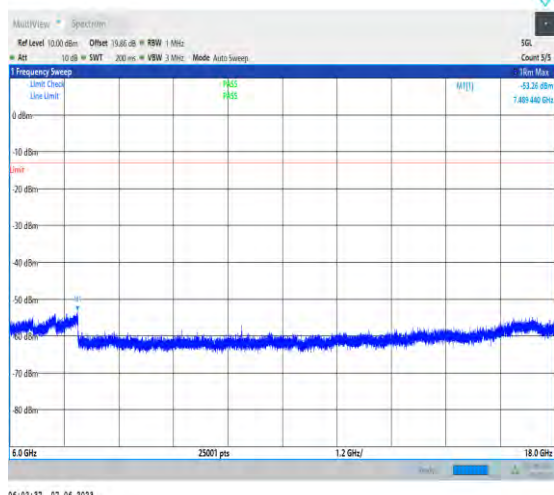
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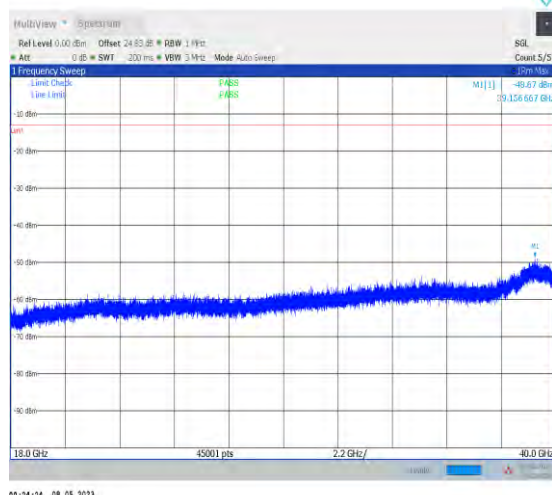
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06:02:37 07.06.2023

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SK-Inner_1RB_Left-1@1-6000-18000-Ant1-7489.44
--53.26--13-PASS



09:34:24 09.05.2023

1-N78-3700-3800-PC3-30-100-H-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00
--61.91--13-PASS



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Field Strength of Spurious Radiation

Test Band = NR Band 78-3700~3800_TM1_Ant11

Test Channel = Mid Channel_100MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9561.875	37.77	-37.90	38.54	-56.85	-13.00	43.85	257	222	Horizontal
2	13065.0625	34.77	-34.71	39.64	-55.56	-13.00	42.56	149	359	Horizontal
3	17996.1667	32.60	-31.31	42.58	-51.38	-13.00	38.38	263	3	Horizontal
4	7482.18	39.95	-41.66	36.49	-60.48	-13.00	47.48	152	148	Horizontal
5	11223.27	32.40	-35.10	39.38	-58.58	-13.00	45.58	148	356	Horizontal
6	14964.36	30.45	-34.32	39.24	-59.89	-13.00	46.89	255	360	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9570.9792	38.52	-37.87	38.54	-56.07	-13.00	43.07	171	74	Vertical
2	12966.3542	35.40	-34.90	39.57	-55.20	-13.00	42.20	132	19	Vertical
3	17831.3333	31.83	-30.97	41.93	-52.48	-13.00	39.48	246	3	Vertical
4	7482.18	39.26	-41.66	36.49	-61.17	-13.00	48.17	257	148	Vertical
5	11223.27	32.63	-35.10	39.38	-58.35	-13.00	45.35	149	148	Vertical
6	14964.36	30.62	-34.32	39.24	-59.72	-13.00	46.72	253	38	Vertical



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Test Band = NR Band 78 3700~3800_ TM1_Ant12
Test Channel = Mid Channel _100MHz

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8927.4583	37.92	-38.87	38.52	-57.69	-13.00	44.69	127	252	Horizontal
2	9583.4375	38.11	-37.83	38.54	-56.44	-13.00	43.44	149	252	Horizontal
3	13585.4375	34.35	-34.35	39.95	-55.30	-13.00	42.30	238	138	Horizontal
4	7482.18	38.63	-41.66	36.49	-61.80	-13.00	48.80	179	194	Horizontal
5	11223.27	32.28	-35.10	39.38	-58.70	-13.00	45.70	264	75	Horizontal
6	14964.36	30.79	-34.32	39.24	-59.55	-13.00	46.55	152	252	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10213.0625	36.96	-36.63	38.73	-56.20	-13.00	43.20	196	62	Vertical
2	13592.625	34.07	-34.38	39.96	-55.61	-13.00	42.61	237	136	Vertical
3	17649.7292	31.93	-31.47	41.20	-53.60	-13.00	40.60	184	62	Vertical
4	7482.18	38.13	-41.66	36.49	-62.30	-13.00	49.30	155	0	Vertical
5	11223.27	32.63	-35.10	39.38	-58.35	-13.00	45.35	176	0	Vertical
6	14964.36	30.82	-34.32	39.24	-59.52	-13.00	46.52	240	4	Vertical



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Test Band = ENDC_2A_n78A 3700~3800_ TM1_ANT13+ANT11
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8615.5208	37.59	-39.58	37.41	-59.84	-13.00	46.84	148	110	Horizontal
2	12965.3958	34.68	-34.90	39.56	-55.93	-13.00	42.93	213	110	Horizontal
3	5613.27	29.74	-16.56	33.49	-48.59	-13.00	35.59	237	1	Horizontal
4	7482.18	38.82	-41.66	36.58	-61.52	-13.00	48.52	185	360	Horizontal
5	11223.27	32.06	-35.10	38.40	-59.90	-13.00	46.90	199	354	Horizontal
6	14964.36	30.32	-34.32	40.11	-59.15	-13.00	46.15	256	3	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9575.7708	37.71	-37.86	37.77	-57.63	-13.00	44.63	154	53	Vertical
2	13594.5417	34.38	-34.39	40.02	-55.25	-13.00	42.25	279	341	Vertical
3	5613.27	29.36	-16.56	33.49	-48.97	-13.00	35.97	238	7	Vertical
4	7482.18	38.55	-41.66	36.58	-61.79	-13.00	48.79	146	352	Vertical
5	11223.27	31.32	-35.10	38.40	-60.64	-13.00	47.64	204	286	Vertical
6	14964.36	30.82	-34.32	40.11	-58.65	-13.00	45.65	187	360	Vertical



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Test Band = ENDC_4A_n78A 3700~3800_ TM1_ANT13+ANT11
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9562.3542	37.63	-37.90	37.77	-57.76	-13.00	44.76	241	251	Horizontal
2	3447.18	29.28	-22.35	29.59	-58.74	-13.00	45.74	196	320	Horizontal
3	5170.77	29.36	-17.96	33.17	-50.70	-13.00	37.70	236	357	Horizontal
4	7482.18	38.41	-41.66	36.58	-61.93	-13.00	48.93	287	357	Horizontal
5	11223.27	31.99	-35.10	38.40	-59.97	-13.00	46.97	146	0	Horizontal
6	14964.36	30.69	-34.32	40.11	-58.78	-13.00	45.78	121	31	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9583.4375	37.65	-37.83	37.78	-57.67	-13.00	44.67	247	102	Vertical
2	3447.18	29.63	-22.35	29.59	-58.39	-13.00	45.39	189	310	Vertical
3	5170.77	29.55	-17.96	33.17	-50.51	-13.00	37.51	263	241	Vertical
4	7482.18	38.90	-41.66	36.58	-61.44	-13.00	48.44	244	326	Vertical
5	11223.27	32.51	-35.10	38.40	-59.45	-13.00	46.45	185	1	Vertical
6	14964.36	30.75	-34.32	40.11	-58.72	-13.00	45.72	174	102	Vertical



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Test Band = ENDC_5A_n78A 3700~3800_TM1_ANT13+ANT11

Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	30.57	-25.24	24.60	-65.33	-13.00	52.33	124	3	Horizontal
2	2496.27	30.80	-23.89	27.39	-60.96	-13.00	47.96	177	227	Horizontal
3	5170.77	29.44	-17.96	33.17	-50.62	-13.00	37.62	134	13	Horizontal
4	7482.18	39.37	-41.66	36.58	-60.97	-13.00	47.97	162	308	Horizontal
5	11223.27	31.81	-35.10	38.40	-60.15	-13.00	47.15	266	217	Horizontal
6	14964.36	30.58	-34.32	40.11	-58.89	-13.00	45.89	185	139	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	31.20	-25.24	24.60	-64.70	-13.00	51.70	199	105	Vertical
2	2496.27	30.71	-23.89	27.39	-61.05	-13.00	48.05	286	295	Vertical
3	5170.77	29.53	-17.96	33.17	-50.53	-13.00	37.53	234	228	Vertical
4	7482.18	39.05	-41.66	36.58	-61.29	-13.00	48.29	177	31	Vertical
5	11223.27	32.18	-35.10	38.40	-59.78	-13.00	46.78	152	107	Vertical
6	14964.36	30.89	-34.32	40.11	-58.58	-13.00	45.58	164	326	Vertical



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Test Band = ENDC_7A_n78A 3700~3800_ TM1_ANT13+ANT11
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6118.6667	30.90	-16.12	35.04	-45.44	-13.00	32.44	214	202	Horizontal
2	8398.9375	37.60	-39.70	37.30	-60.06	-13.00	47.06	186	137	Horizontal
3	17699.5625	31.94	-31.05	40.58	-53.79	-13.00	40.79	234	0	Horizontal
4	7482.18	38.14	-41.66	36.58	-62.20	-13.00	49.20	155	4	Horizontal
5	11223.27	31.98	-35.10	38.40	-59.98	-13.00	46.98	214	28	Horizontal
6	14964.36	30.60	-34.32	40.11	-58.87	-13.00	45.87	295	100	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5838.625	30.49	-16.27	34.25	-46.79	-13.00	33.79	216	133	Vertical
2	8948.0625	37.95	-38.81	37.57	-58.54	-13.00	45.54	299	343	Vertical
3	16822.2083	34.10	-32.51	38.78	-54.89	-13.00	41.89	262	121	Vertical
4	7482.18	39.14	-41.66	36.58	-61.20	-13.00	48.20	135	324	Vertical
5	11223.27	32.17	-35.10	38.40	-59.79	-13.00	46.79	274	231	Vertical
6	14964.36	31.11	-34.32	40.11	-58.36	-13.00	45.36	142	140	Vertical



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Test Band = ENDC_38A_n78A 3700~3800_ TM1_ANT13+ANT11
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9551.3333	37.72	-37.94	37.77	-57.71	-13.00	44.71	211	29	Horizontal
2	5172.18	29.45	-17.95	33.17	-50.60	-13.00	37.60	189	344	Horizontal
3	7482.18	38.87	-41.66	36.58	-61.47	-13.00	48.47	235	325	Horizontal
4	7758.27	37.77	-41.05	36.86	-61.68	-13.00	48.68	239	308	Horizontal
5	11223.27	32.65	-35.10	38.40	-59.31	-13.00	46.31	274	0	Horizontal
6	14964.36	30.48	-34.32	40.11	-58.99	-13.00	45.99	125	106	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9587.75	37.35	-37.82	37.78	-57.95	-13.00	44.95	249	142	Vertical
2	5172.18	29.27	-17.95	33.17	-50.78	-13.00	37.78	176	131	Vertical
3	7482.18	38.91	-41.66	36.58	-61.43	-13.00	48.43	288	345	Vertical
4	7758.27	38.71	-41.05	36.86	-60.74	-13.00	47.74	146	292	Vertical
5	11223.27	31.60	-35.10	38.40	-60.36	-13.00	47.36	235	124	Vertical
6	14964.36	30.75	-34.32	40.11	-58.72	-13.00	45.72	205	86	Vertical



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Test Band = ENDC_41A_n78A 3700~3800_ TM1_ANT13+ANT12

Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9549.8958	37.76	-37.94	37.76	-57.68	-13.00	44.68	119	154	Horizontal
2	5168.18	29.37	-17.98	33.17	-50.70	-13.00	37.70	265	39	Horizontal
3	7482.18	38.80	-41.66	36.58	-61.54	-13.00	48.54	235	192	Horizontal
4	7752.27	38.24	-41.07	36.85	-61.24	-13.00	48.24	147	173	Horizontal
5	11223.27	32.51	-35.10	38.40	-59.45	-13.00	46.45	248	75	Horizontal
6	14964.36	30.67	-34.32	40.11	-58.80	-13.00	45.80	276	357	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9593.5	37.41	-37.80	37.78	-57.87	-13.00	44.87	138	75	Vertical
2	5168.18	29.21	-17.98	33.17	-50.86	-13.00	37.86	259	242	Vertical
3	7482.18	38.87	-41.66	36.58	-61.47	-13.00	48.47	168	178	Vertical
4	7752.27	37.11	-41.07	36.85	-62.37	-13.00	49.37	247	1	Vertical
5	11223.27	31.34	-35.10	38.40	-60.62	-13.00	47.62	188	289	Vertical
6	14964.36	30.68	-34.32	40.11	-58.79	-13.00	45.79	146	0	Vertical



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Test Band = ENDC_66A_n78A 3700~3800_ TM1_ANT13+ANT12
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9574.8125	38.11	-37.86	37.77	-57.24	-13.00	44.24	192	1	Horizontal
2	3454.18	29.76	-22.32	29.59	-58.22	-13.00	45.22	218	202	Horizontal
3	5181.27	29.29	-17.90	33.16	-50.71	-13.00	37.71	195	257	Horizontal
4	7482.18	38.42	-41.66	36.58	-61.92	-13.00	48.92	166	323	Horizontal
5	11223.27	32.48	-35.10	38.40	-59.48	-13.00	46.48	234	86	Horizontal
6	14964.36	30.29	-34.32	40.11	-59.18	-13.00	46.18	185	0	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9592.5417	37.68	-37.80	37.78	-57.61	-13.00	44.61	218	180	Vertical
2	3454.18	30.06	-22.32	29.59	-57.92	-13.00	44.92	196	321	Vertical
3	5181.27	29.02	-17.90	33.16	-50.98	-13.00	37.98	234	345	Vertical
4	7482.18	38.89	-41.66	36.58	-61.45	-13.00	48.45	175	142	Vertical
5	11223.27	32.32	-35.10	38.40	-59.64	-13.00	46.64	188	271	Vertical
6	14964.36	30.60	-34.32	40.11	-58.87	-13.00	45.87	146	0	Vertical



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Test Band = ENDC_2A_n78A 3700-3800_ TM1_ANT31+ANT11
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1713.625	37.17	-25.14	24.60	-58.63	-13.00	45.63	295	360	Horizontal
2	2460.25	32.29	-24.08	27.31	-59.74	-13.00	46.74	185	356	Horizontal
3	5179.5417	30.25	-17.91	33.16	-49.76	-13.00	36.76	266	303	Horizontal
4	7482.18	38.23	-41.66	36.58	-62.11	-13.00	49.11	234	343	Horizontal
5	11223.27	32.15	-35.10	38.40	-59.81	-13.00	46.81	123	23	Horizontal
6	14964.36	30.17	-34.32	40.11	-59.30	-13.00	46.30	163	324	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1546.7917	31.72	-25.48	24.73	-64.29	-13.00	51.29	198	14	Vertical
2	3006.5833	31.00	-23.31	29.50	-58.07	-13.00	45.07	176	359	Vertical
3	5404.125	30.70	-17.31	33.12	-48.75	-13.00	35.75	255	202	Vertical
4	7482.18	38.60	-41.66	36.58	-61.74	-13.00	48.74	183	197	Vertical
5	11223.27	31.69	-35.10	38.40	-60.27	-13.00	47.27	234	100	Vertical
6	14964.36	30.54	-34.32	40.11	-58.93	-13.00	45.93	156	45	Vertical



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Test Band = ENDC_4A_n78A 3700-3800_ TM1_ANT31+ANT11
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5610.8333	30.55	-16.55	33.48	-47.78	-13.00	34.78	133	187	Horizontal
2	8936.0833	37.54	-38.84	37.57	-58.99	-13.00	45.99	292	144	Horizontal
3	10208.75	35.86	-36.62	38.00	-58.02	-13.00	45.02	168	0	Horizontal
4	7482.18	38.03	-41.66	36.58	-62.31	-13.00	49.31	275	308	Horizontal
5	11223.27	32.62	-35.10	38.40	-59.34	-13.00	46.34	143	235	Horizontal
6	14964.36	31.32	-34.32	40.11	-58.15	-13.00	45.15	135	235	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5739.1667	30.24	-16.60	33.91	-47.71	-13.00	34.71	229	254	Vertical
2	8708	37.32	-39.23	37.45	-59.71	-13.00	46.71	179	326	Vertical
3	9576.25	38.08	-37.86	37.77	-57.26	-13.00	44.26	186	357	Vertical
4	7482.18	38.47	-41.66	36.58	-61.87	-13.00	48.87	235	176	Vertical
5	11223.27	31.89	-35.10	38.40	-60.07	-13.00	47.07	185	307	Vertical
6	14964.36	30.91	-34.32	40.11	-58.56	-13.00	45.56	302	5	Vertical



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Test Band = ENDC_5A_n78A 3700-3800_ TM1_ANT31+ANT11

Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1562.375	32.09	-25.47	24.69	-63.95	-13.00	50.95	221	66	Horizontal
2	2460.7083	32.15	-24.08	27.31	-59.87	-13.00	46.87	193	360	Horizontal
3	4720.75	29.14	-18.58	32.59	-52.12	-13.00	39.12	234	228	Horizontal
4	7482.18	38.30	-41.66	36.58	-62.04	-13.00	49.04	119	5	Horizontal
5	11223.27	31.62	-35.10	38.40	-60.34	-13.00	47.34	286	104	Horizontal
6	14964.36	30.33	-34.32	40.11	-59.14	-13.00	46.14	176	289	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1514.7083	31.94	-25.51	24.81	-64.02	-13.00	51.02	199	3	Vertical
2	2461.1667	32.16	-24.08	27.31	-59.86	-13.00	46.86	286	13	Vertical
3	5029.2083	29.76	-18.69	33.19	-51.00	-13.00	38.00	235	65	Vertical
4	7482.18	38.19	-41.66	36.58	-62.15	-13.00	49.15	274	0	Vertical
5	11223.27	31.74	-35.10	38.40	-60.22	-13.00	47.22	140	155	Vertical
6	14964.36	30.53	-34.32	40.11	-58.94	-13.00	45.94	132	135	Vertical



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Test Band = ENDC_7A_n78A 3700-3800_ TM1_ANT31+ANT11
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5615.875	30.40	-16.57	33.49	-47.93	-13.00	34.93	174	360	Horizontal
2	8926.5	37.91	-38.87	37.56	-58.66	-13.00	45.66	281	5	Horizontal
3	12958.6875	34.25	-34.91	39.55	-56.37	-13.00	43.37	136	212	Horizontal
4	7482.18	38.46	-41.66	36.58	-61.88	-13.00	48.88	298	48	Horizontal
5	11223.27	32.17	-35.10	38.40	-59.79	-13.00	46.79	175	84	Horizontal
6	14964.36	30.84	-34.32	40.11	-58.63	-13.00	45.63	226	250	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6061.375	30.31	-16.27	34.92	-46.30	-13.00	33.30	244	334	Vertical
2	9456.4583	37.44	-37.90	37.74	-57.99	-13.00	44.99	196	0	Vertical
3	13080.875	34.92	-34.67	39.66	-55.35	-13.00	42.35	230	197	Vertical
4	7482.18	39.02	-41.66	36.58	-61.32	-13.00	48.32	168	235	Vertical
5	11223.27	31.71	-35.10	38.40	-60.25	-13.00	47.25	172	158	Vertical
6	14964.36	30.76	-34.32	40.11	-58.71	-13.00	45.71	298	197	Vertical



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Test Band = ENDC_38A_n78A 3700-3800_ TM1_ANT31+ANT11

Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5419.25	30.36	-17.29	33.12	-49.07	-13.00	36.07	209	3	Horizontal
2	9575.2917	37.60	-37.86	37.77	-57.75	-13.00	44.75	176	179	Horizontal
3	13589.75	34.51	-34.36	40.01	-55.10	-13.00	42.10	234	121	Horizontal
4	7482.18	38.00	-41.66	36.58	-62.34	-13.00	49.34	185	121	Horizontal
5	11223.27	32.61	-35.10	38.40	-59.35	-13.00	46.35	166	307	Horizontal
6	14964.36	30.20	-34.32	40.11	-59.27	-13.00	46.27	279	66	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6346	30.31	-16.13	35.49	-45.59	-13.00	32.59	230	359	Vertical
2	10205.3958	35.80	-36.61	38.00	-58.07	-13.00	45.07	186	52	Vertical
3	13591.1875	34.25	-34.37	40.01	-55.37	-13.00	42.37	239	357	Vertical
4	7482.18	38.20	-41.66	36.58	-62.14	-13.00	49.14	287	357	Vertical
5	11223.27	31.58	-35.10	38.40	-60.38	-13.00	47.38	146	196	Vertical
6	14964.36	30.00	-34.32	40.11	-59.47	-13.00	46.47	257	357	Vertical



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Test Band = ENDC_41A_n78A 3700-3800_ TM1_ANT31+ANT12
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5439.4167	30.21	-17.26	33.11	-49.20	-13.00	36.20	259	3	Horizontal
2	9559.9583	37.38	-37.91	37.77	-58.02	-13.00	45.02	281	65	Horizontal
3	13595.5	34.29	-34.39	40.02	-55.34	-13.00	42.34	135	196	Horizontal
4	7482.18	38.29	-41.66	36.58	-62.05	-13.00	49.05	246	326	Horizontal
5	11223.27	31.48	-35.10	38.40	-60.48	-13.00	47.48	178	343	Horizontal
6	14964.36	29.95	-34.32	40.11	-59.52	-13.00	46.52	290	326	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5871.1667	29.91	-16.34	34.36	-47.32	-13.00	34.32	148	26	Vertical
2	10211.625	36.48	-36.63	38.01	-57.40	-13.00	44.40	291	273	Vertical
3	13463.25	34.29	-34.33	39.92	-55.38	-13.00	42.38	206	107	Vertical
4	7482.18	38.62	-41.66	36.58	-61.72	-13.00	48.72	233	51	Vertical
5	11223.27	32.07	-35.10	38.40	-59.89	-13.00	46.89	286	141	Vertical
6	14964.36	30.39	-34.32	40.11	-59.08	-13.00	46.08	124	273	Vertical



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Test Band = ENDC_66A_n78A 3700-3800_ TM1_ANT31+ANT12
Test Channel = Mid Channel

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6069.1667	30.65	-16.24	34.94	-45.91	-13.00	32.91	224	230	Horizontal
2	8932.25	37.53	-38.85	37.57	-59.02	-13.00	46.02	173	284	Horizontal
3	13643.4167	34.40	-34.62	40.05	-55.43	-13.00	42.43	281	248	Horizontal
4	7482.18	38.62	-41.66	36.58	-61.72	-13.00	48.72	256	229	Horizontal
5	11223.27	31.66	-35.10	38.40	-60.30	-13.00	47.30	234	229	Horizontal
6	14964.36	30.21	-34.32	40.11	-59.26	-13.00	46.26	140	118	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6100.3333	30.49	-16.10	35.00	-45.87	-13.00	32.87	129	280	Vertical
2	9507.25	37.86	-38.08	37.75	-57.72	-13.00	44.72	203	2	Vertical
3	13590.2292	34.02	-34.37	40.01	-55.59	-13.00	42.59	264	288	Vertical
4	7482.18	38.21	-41.66	36.58	-62.13	-13.00	49.13	275	216	Vertical
5	11223.27	31.24	-35.10	38.40	-60.72	-13.00	47.72	185	344	Vertical
6	14964.36	30.59	-34.32	40.11	-58.88	-13.00	45.88	292	33	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:

$$AF = \text{Antenna Factor(dB/m)}$$

$$\text{Factor} = \text{Cable Factor(dB)} - \text{Preamplifier (dB)}$$

$$\text{Level} = \text{Reading Level} + AF + \text{Factor} - 95.26$$

$$\text{Margin} = \text{Limit} - \text{Level}$$


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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-7.700000	-0.002053	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-7.600000	-0.002027	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-7.800000	-0.002080	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	VH	NT	-7.500000	-0.002000	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	VN	NT	-7.000000	-0.001867	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	VL	NT	-6.700000	-0.001787	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-8.300000	-0.002213	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-6.200000	-0.001653	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-4.500000	-0.001200	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-4.300000	-0.001147	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-6.900000	-0.001840	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-7.200000	-0.001920	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-5.800000	-0.001547	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-6.500000	-0.001733	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-5.800000	-0.001547	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-30	-8.400000	-0.002240	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-20	-6.900000	-0.001840	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-10	-7.600000	-0.002027	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	0	-8.000000	-0.002133	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	10	-8.000000	-0.002133	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	20	-8.000000	-0.002133	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	30	-5.100000	-0.001360	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	40	-6.400000	-0.001707	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	50	-8.400000	-0.002240	PASS

---End of Attachment---



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