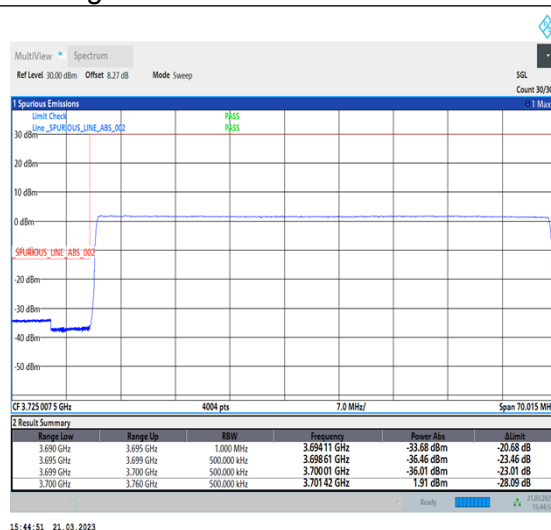
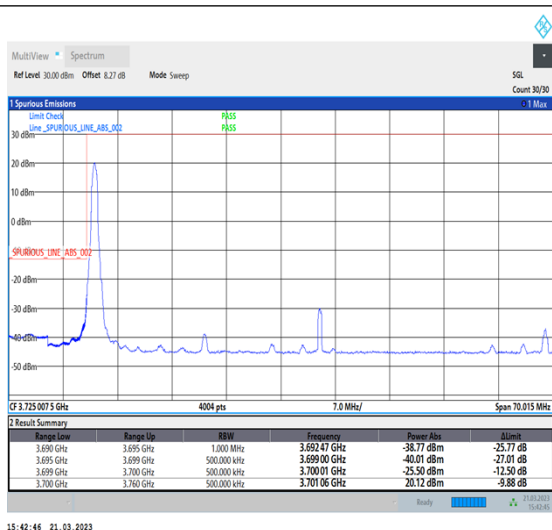


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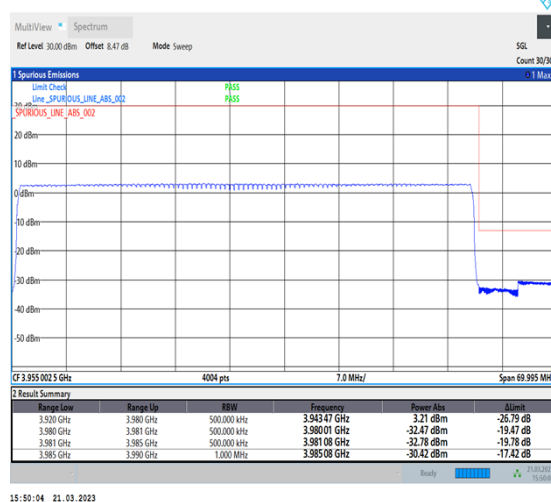
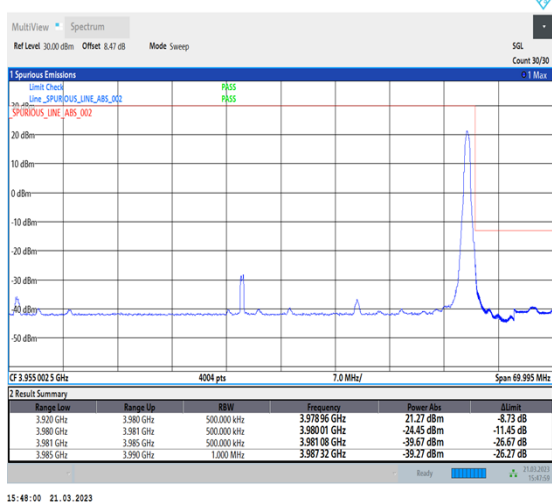
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1-N77-3700-3980-30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N77-3700-3980-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-60-H-5-CP-QPSK-Edge_1RB_Right-1@161-Ant0-1--PASS-see graph

1-N77-3700-3980-30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant0-1--PASS-see graph



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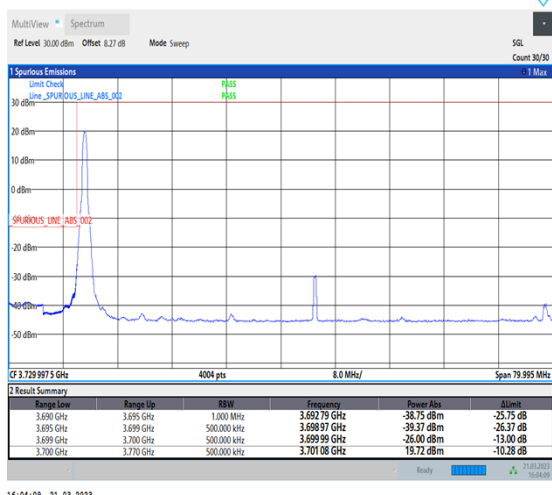
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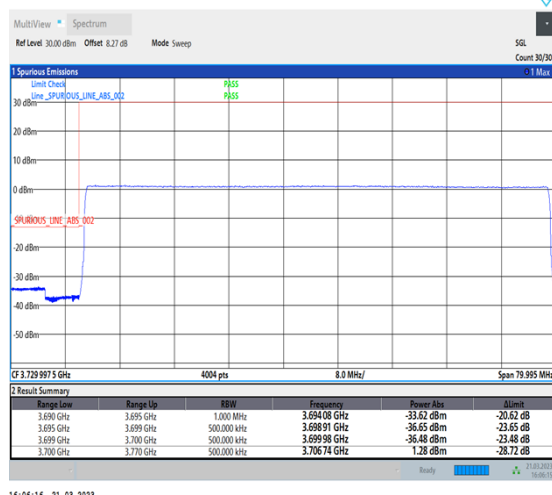
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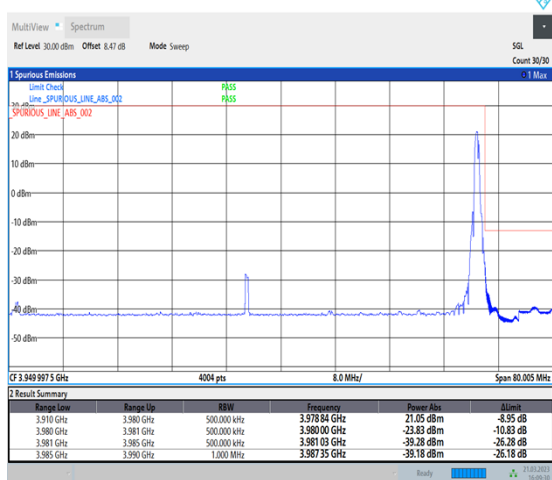
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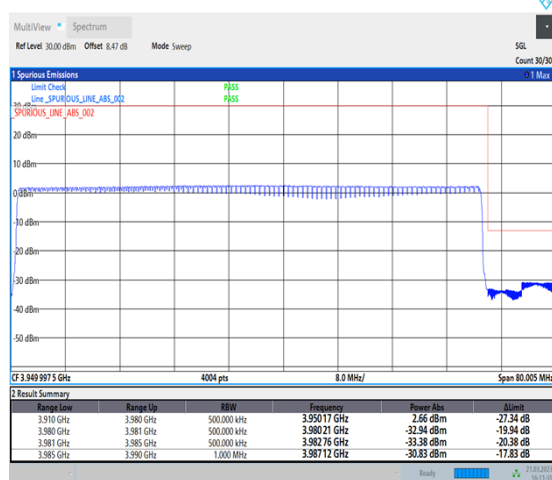
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1-N77-3700-3980-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant0-1--PASS-see graph



16:09:31 21.03.2023

1-N77-3700-3980-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant0-1--PASS-see graph



16:11:36 21.03.2023

1-N77-3700-3980-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant0-1--PASS-see graph



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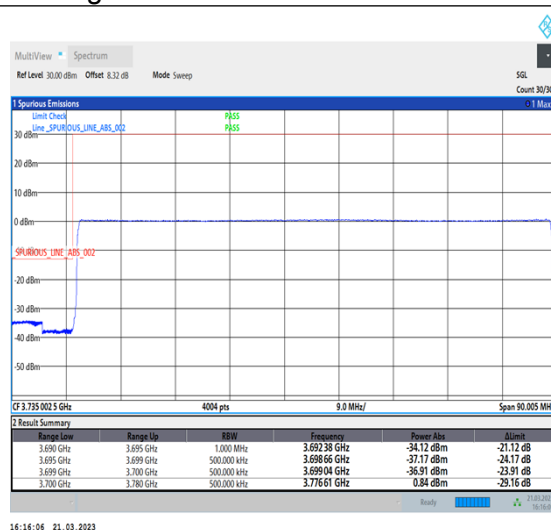
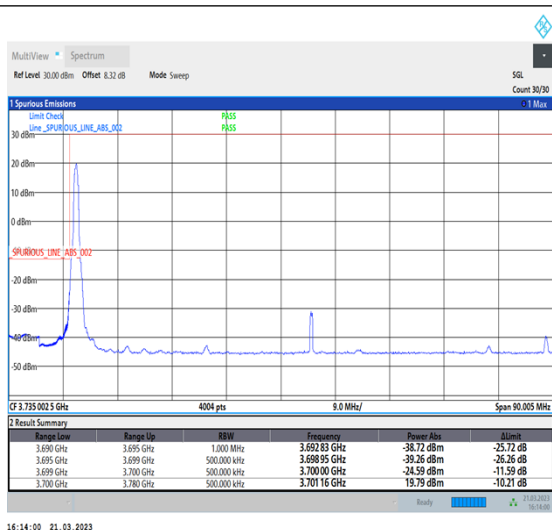
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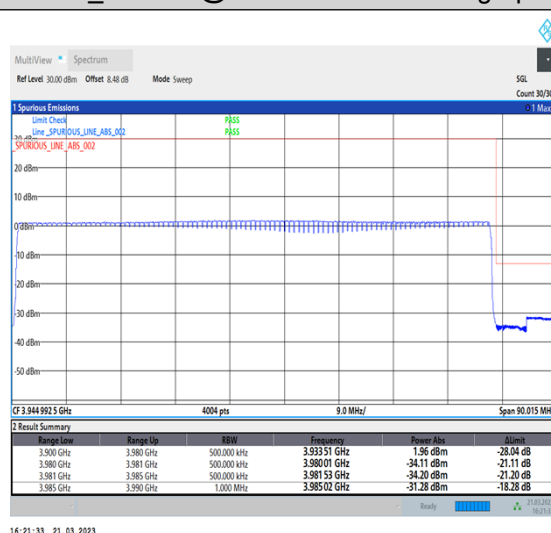
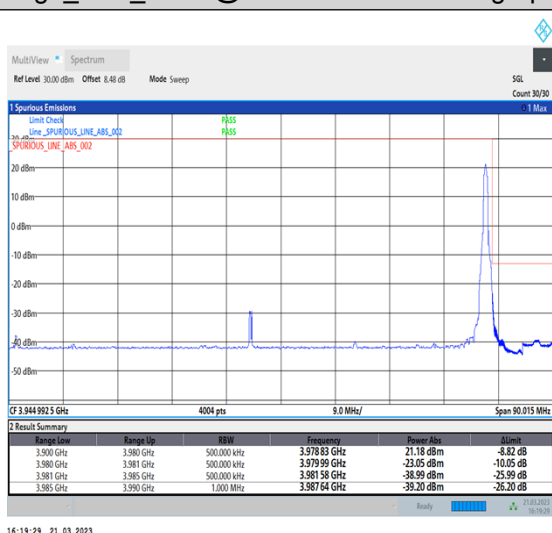
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1-N77-3700-3980-30-80-L-4-CP-QPSK-
Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N77-3700-3980-30-80-L-6-CP-QPSK-
Outer_Full-217@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-80-H-5-CP-QPSK-
Edge_1RB_Right-1@216-Ant0-1--PASS-see graph

1-N77-3700-3980-30-80-H-6-CP-QPSK-
Outer_Full-217@0-Ant0-1--PASS-see graph



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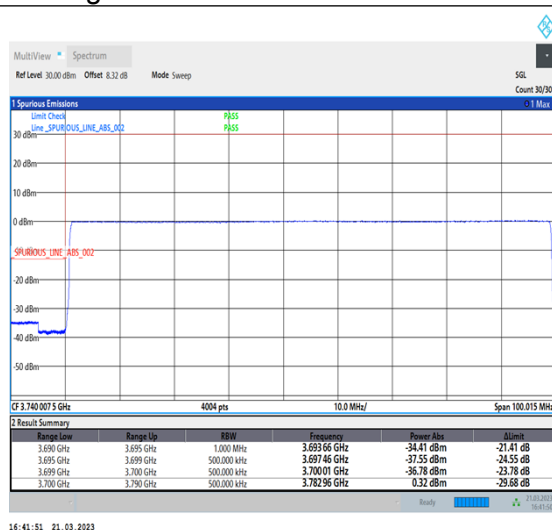
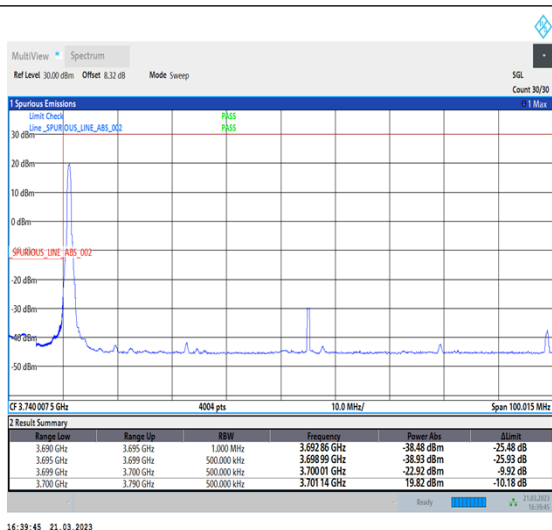
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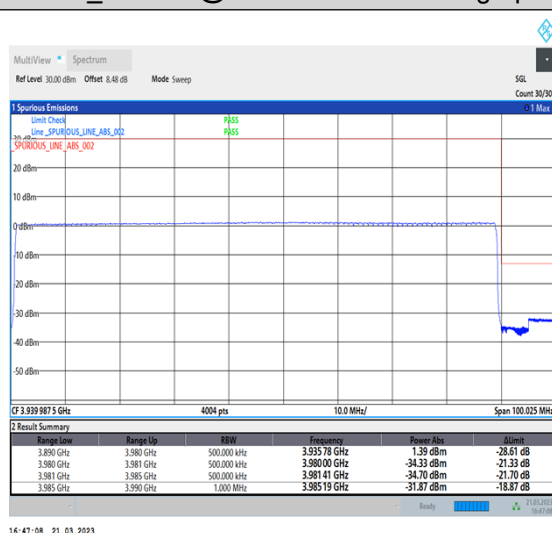
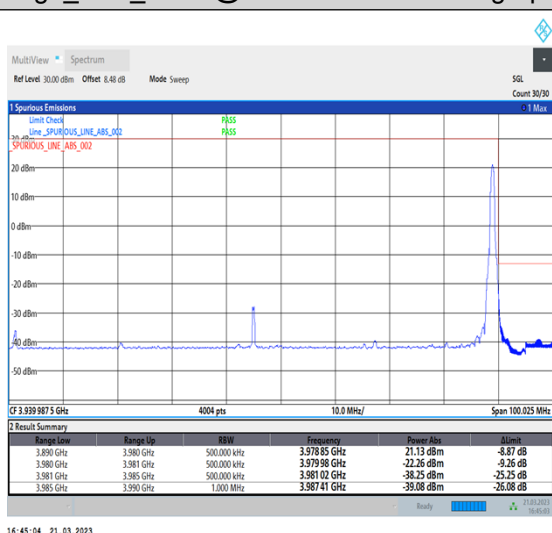
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1-N77-3700-3980-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph

1-N77-3700-3980-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant0-1--PASS-see graph

1-N77-3700-3980-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant0-1--PASS-see graph



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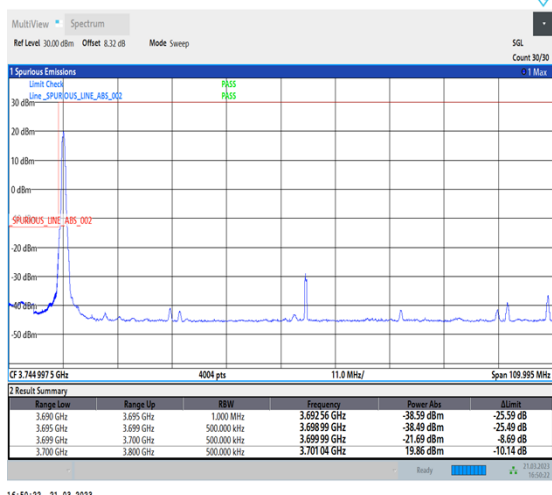
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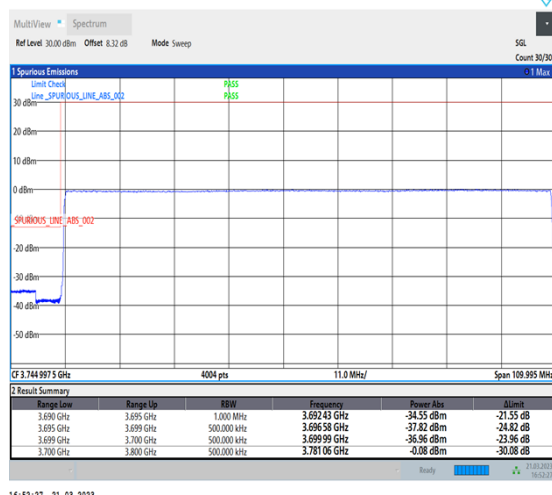
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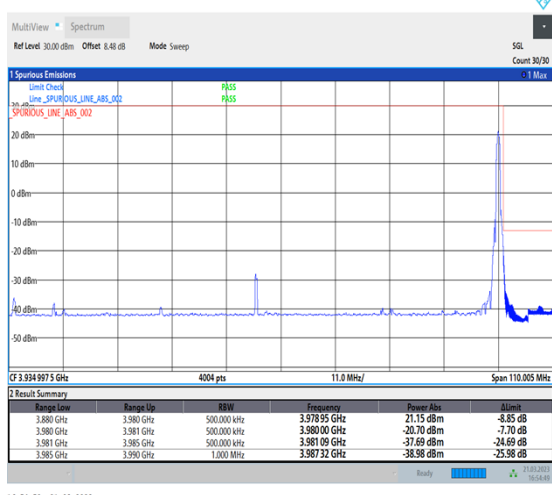
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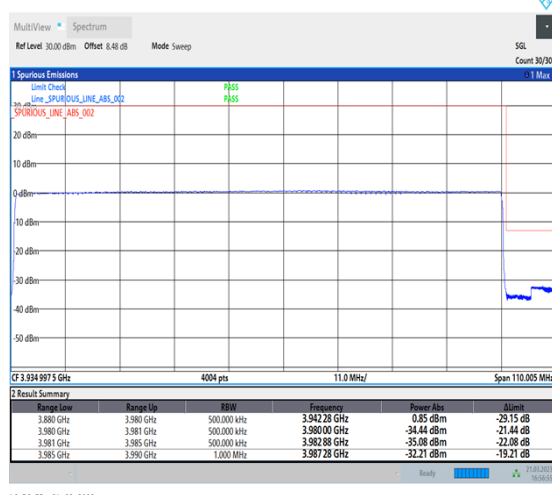
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16:54:50 21.03.2023

1-N77-3700-3980-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant0-1--PASS-see graph



16:56:55 21.03.2023

1-N77-3700-3980-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant0-1--PASS-see graph



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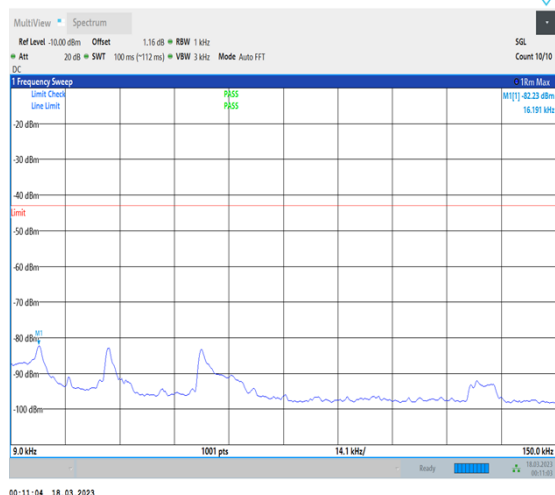
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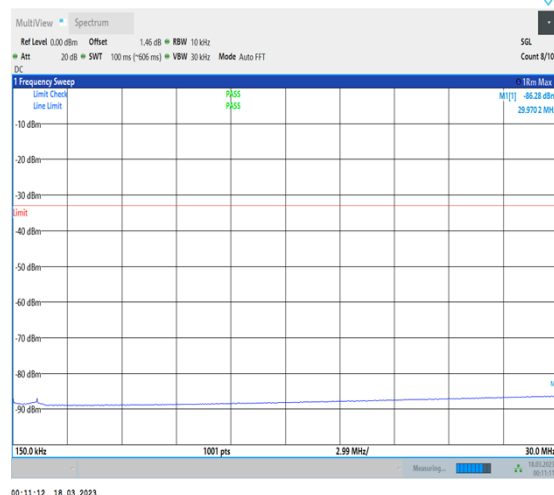
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Conducted Spurious Emission for SA

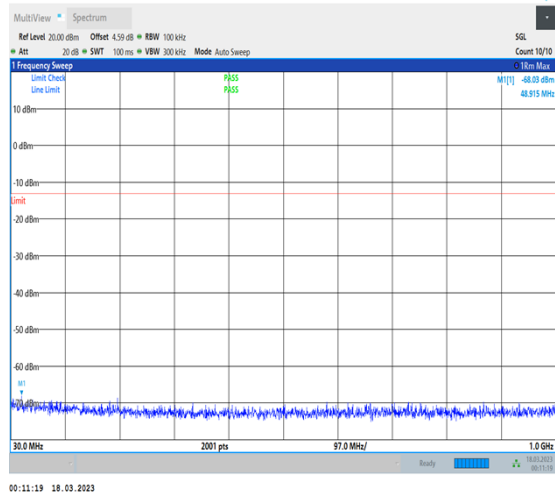
Test Graphs



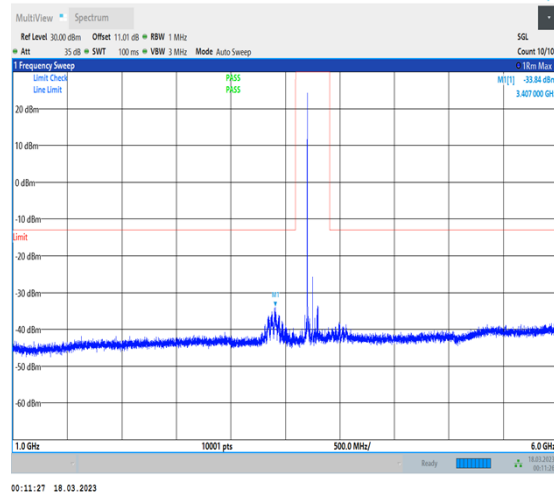
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43-PASS



1-N77-3700-3980-30-100-L-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-0.15-30-Ant0-29.97--86.28--33-
PASS



1-N77-3700-3980-30-100-L-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-30-1000-Ant0-48.92--68.03--
13-PASS



1-N77-3700-3980-30-100-L-1-DFT-PI2BPSK-
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33.84--13-PASS



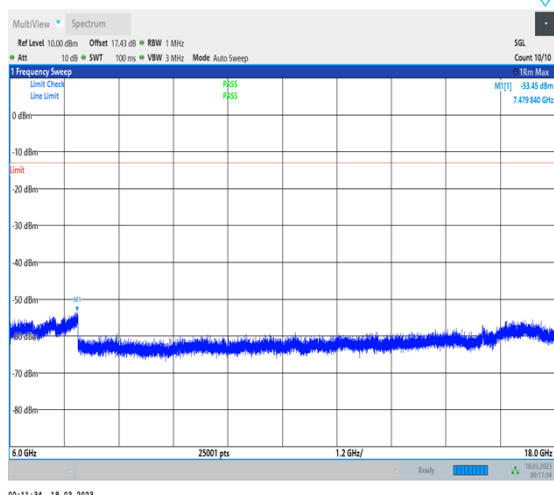
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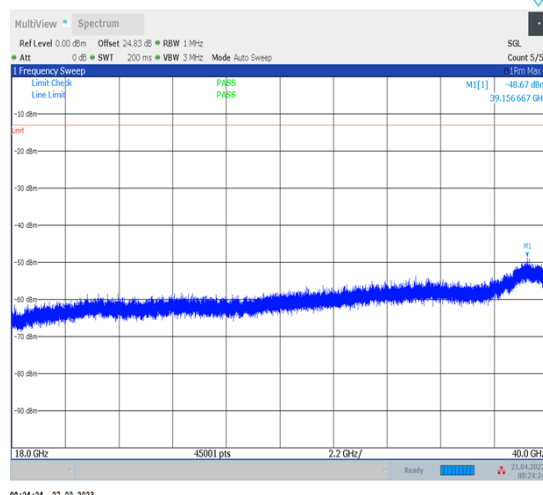
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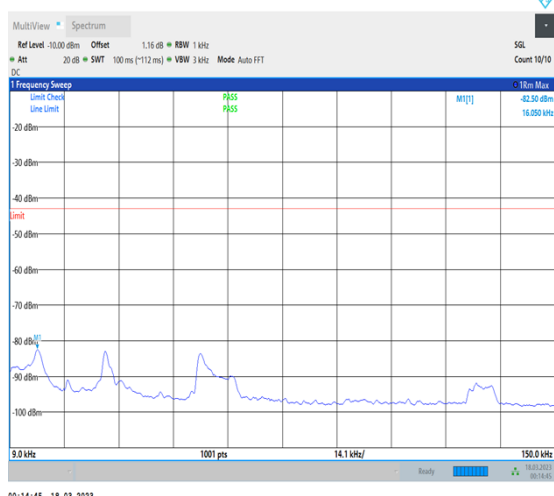
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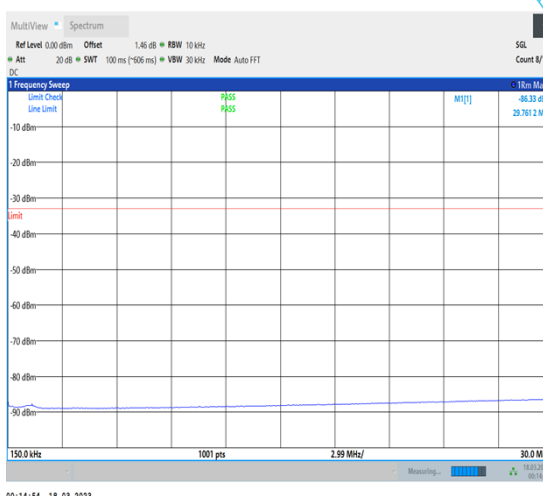
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1-N77-3700-3980-30-100-L-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-18000-40000-Ant0-18000.00--
57.13--13-PASS



1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-
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43-PASS



1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-
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PASS



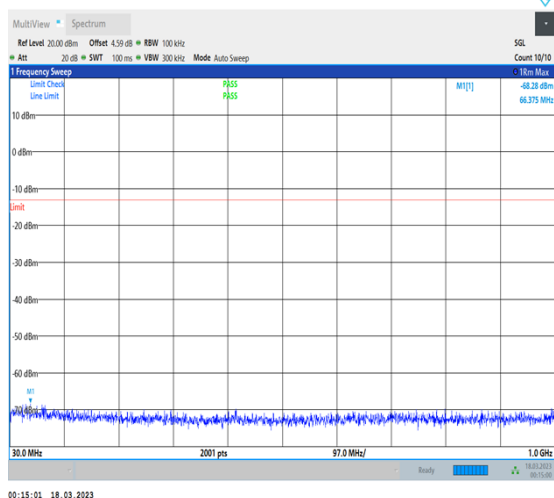
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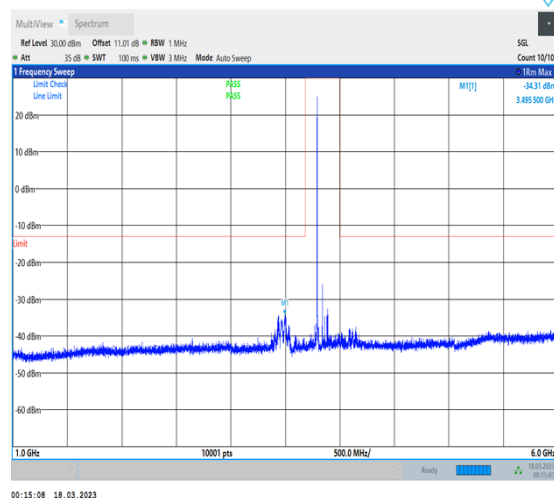
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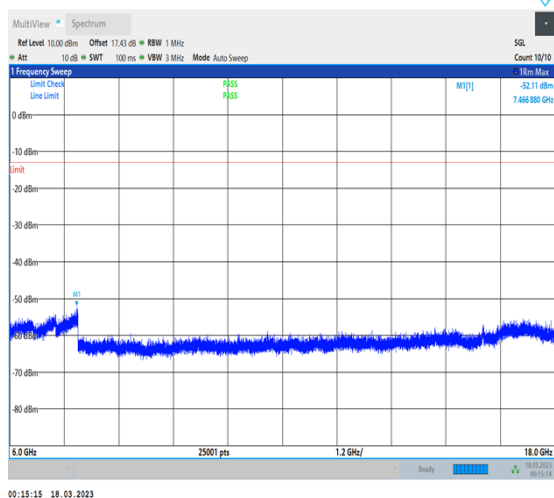
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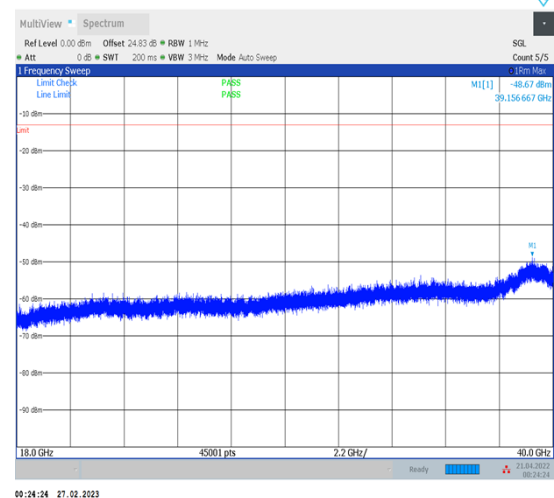
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 13-PASS



1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-
 Inner_1RB_Left-1@1-1000-6000-Ant0-3495.50--
 34.31--13-PASS



1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-
 Inner_1RB_Left-1@1-6000-18000-Ant0-7466.88--
 52.11--13-PASS



1-N77-3700-3980-30-100-M-1-DFT-PI2BPSK-
 Inner_1RB_Left-1@1-18000-40000-Ant0-18000.00--
 56.63--13-PASS



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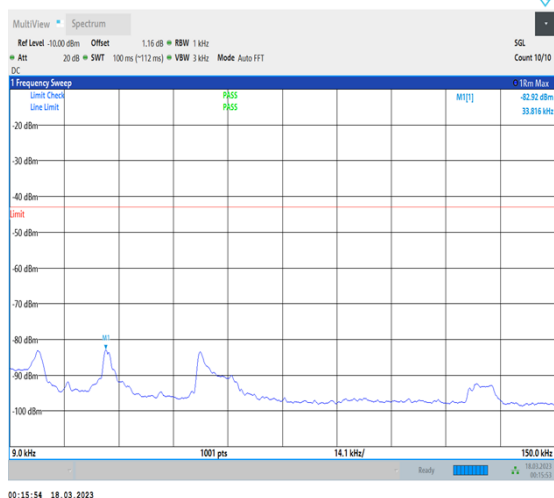
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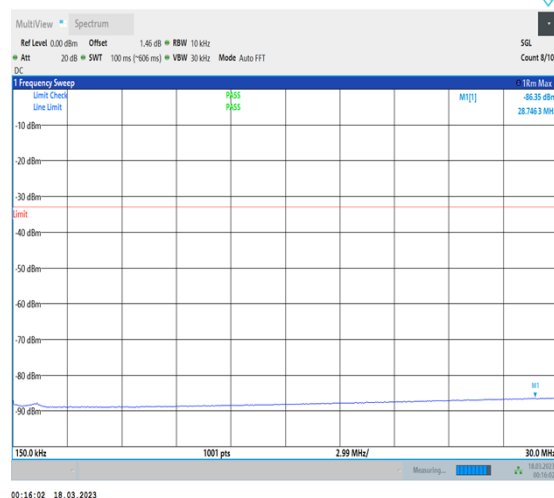
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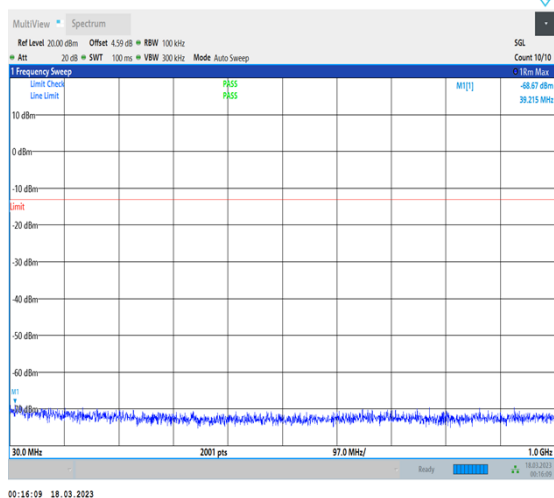
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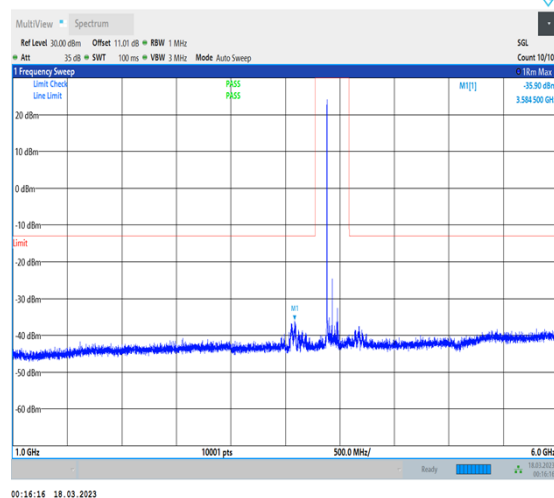
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43-PASS



1-N77-3700-3980-30-100-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-0.15-30-Ant0-28.75--86.35--33-
PASS



1-N77-3700-3980-30-100-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-30-1000-Ant0-39.22--68.67--
13-PASS



1-N77-3700-3980-30-100-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-1000-6000-Ant0-3584.50--
35.90--13-PASS



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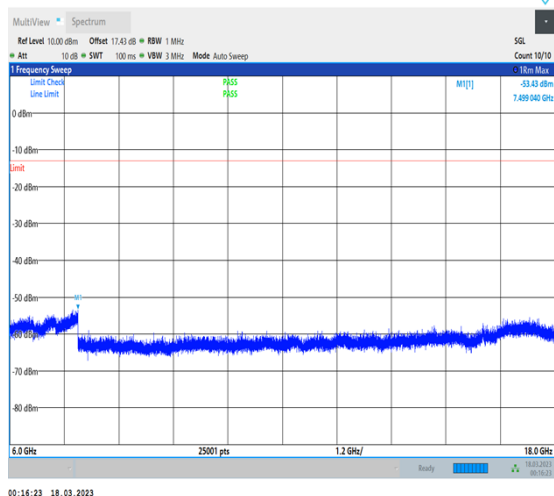
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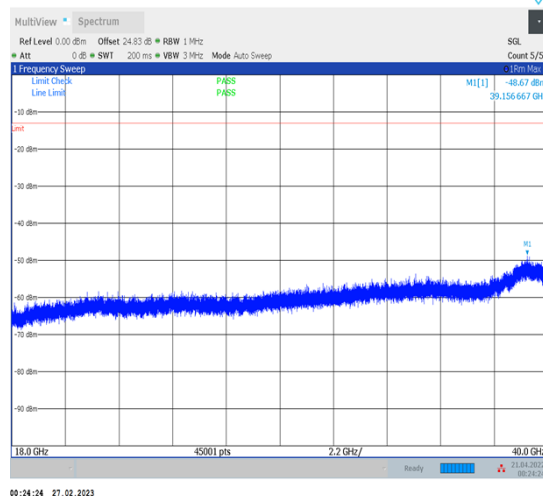
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53.43--13-PASS



1-N77-3700-3980-30-100-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-18000-40000-Ant0-18000.00--
56.98--13-PASS



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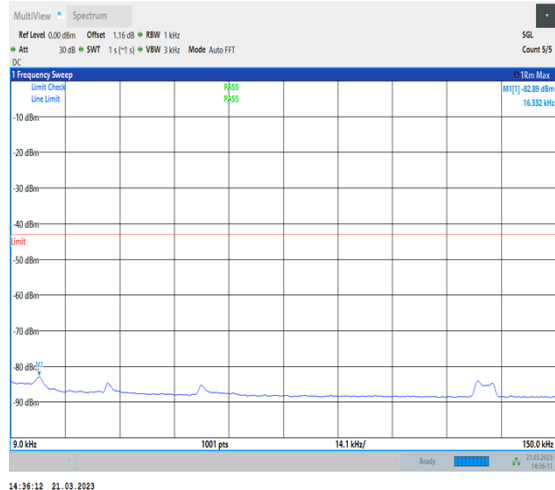
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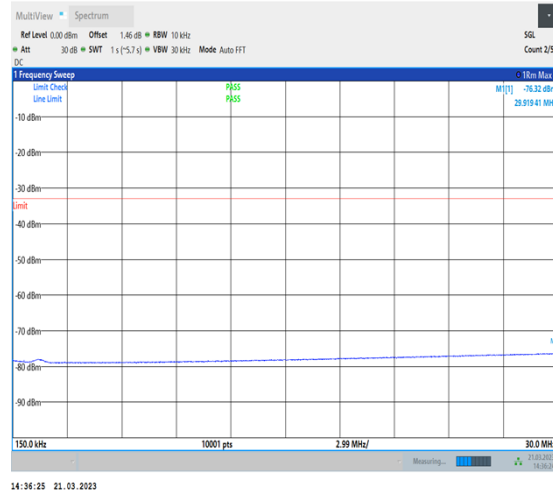
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Conducted Spurious Emission for MIMO

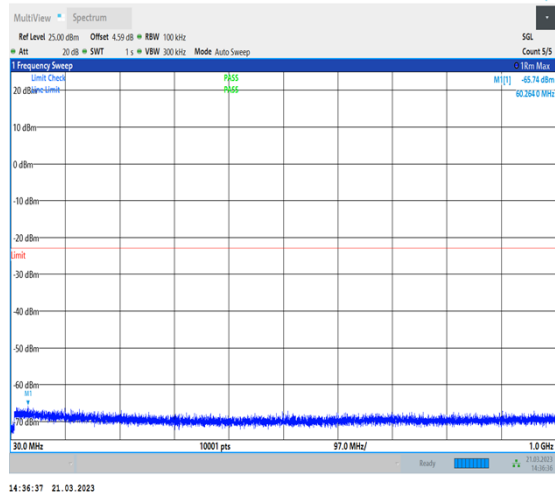
Test Graphs



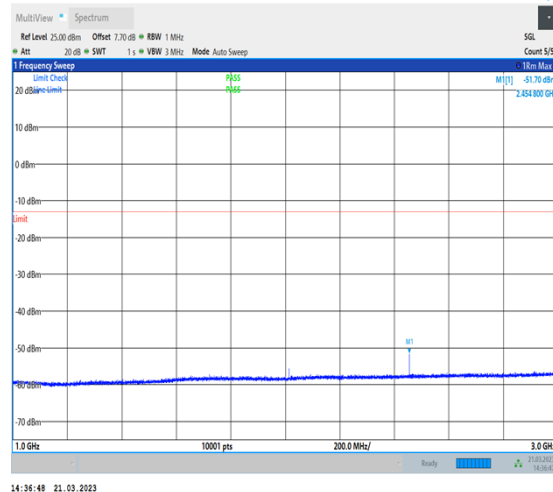
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43-PASS



1-N77-3700-3980-30-100-L-1-DFT-QPSK-
Edge_1RB_Left-1@0-0.15-30-Ant0-29.92--76.32--
33-PASS



1-N77-3700-3980-30-100-L-1-DFT-QPSK-
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23-PASS



1-N77-3700-3980-30-100-L-1-DFT-QPSK-
Edge_1RB_Left-1@0-1000-3000-Ant0-2454.80--
51.70--13-PASS



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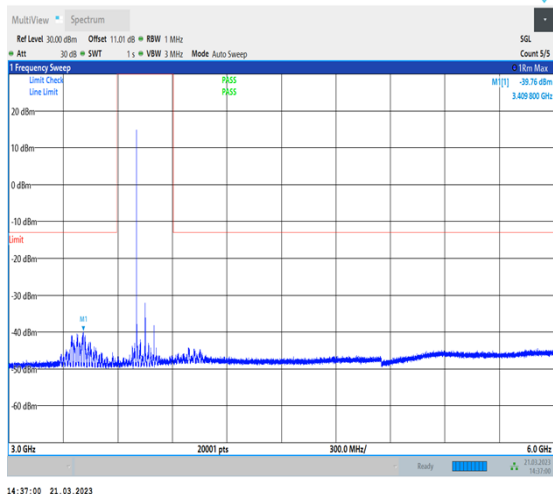
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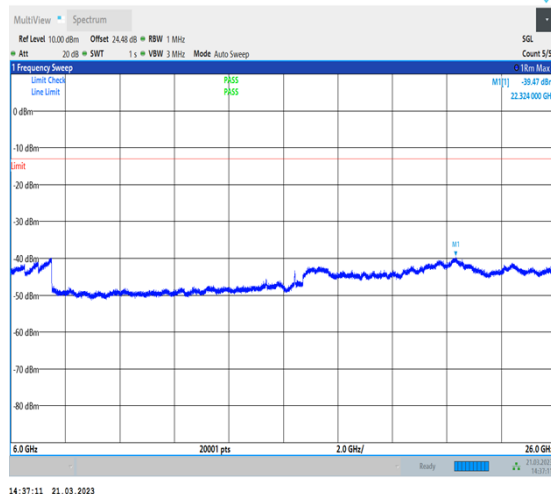
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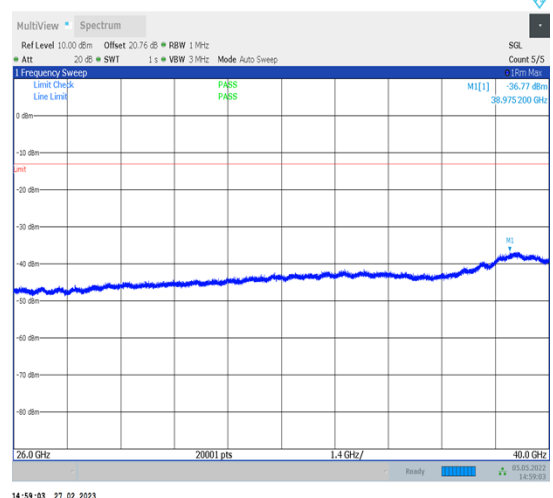
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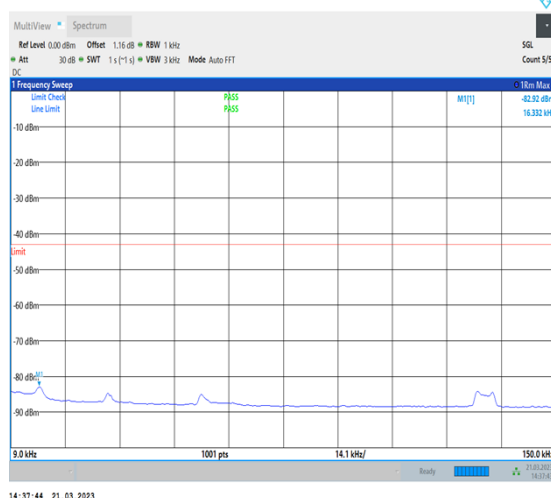
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39.47--13-PASS



1-N77-3700-3980-30-100-L-1-DFT-QPSK-
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45.23--13-PASS



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43-PASS



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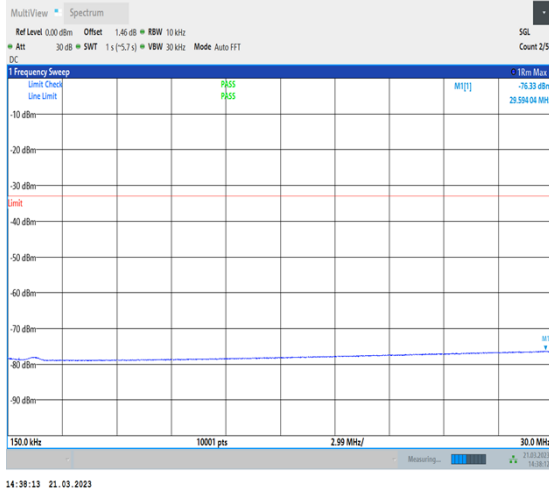
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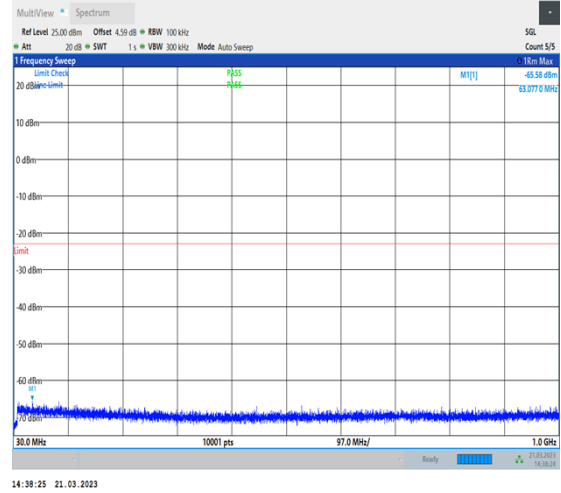
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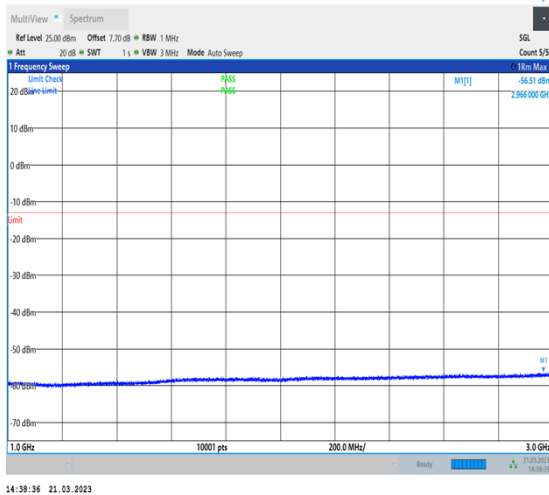
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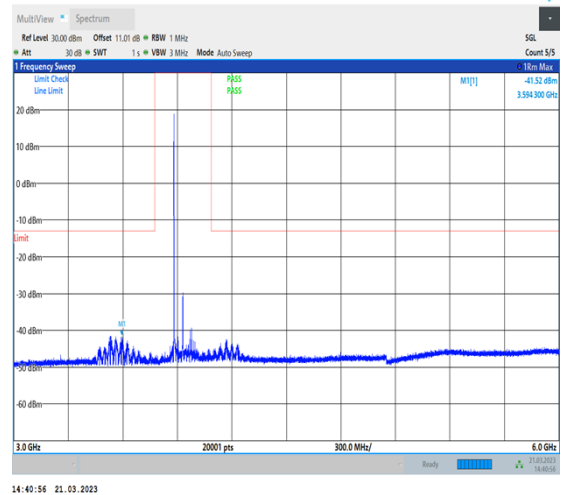
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23-PASS



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56.51--13-PASS



1-N77-3700-3980-30-100-M-1-DFT-QPSK-
Edge_1RB_Left-1@0-3000-6000-Ant0-3465.75--
39.26--13-PASS



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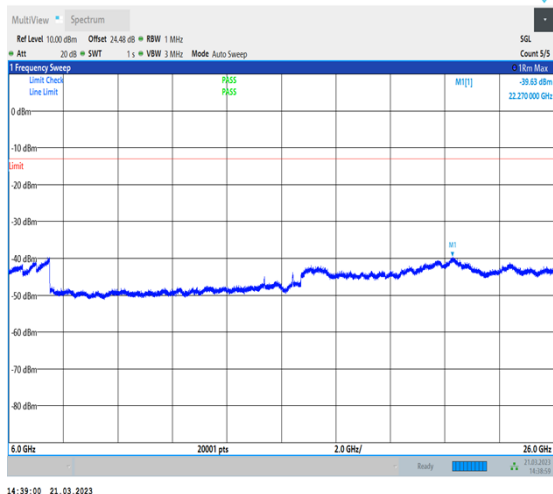
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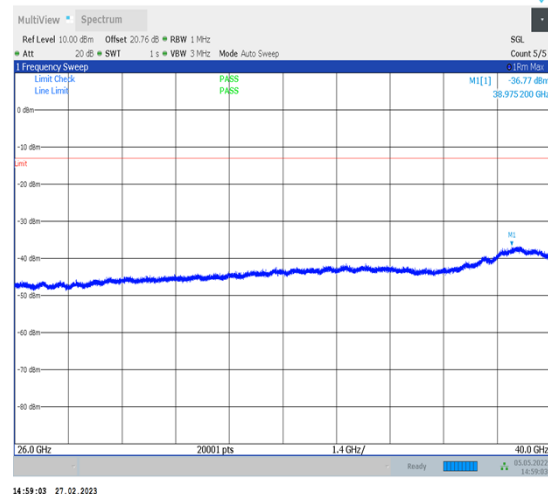
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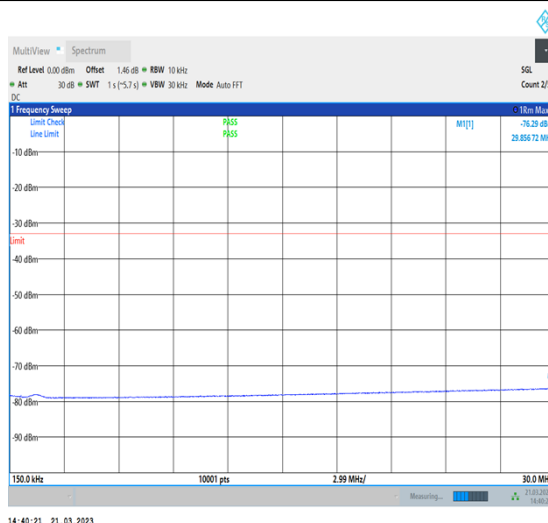
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1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant0-0.02--82.70--43-PASS



1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant0-29.86--76.29--33-PASS



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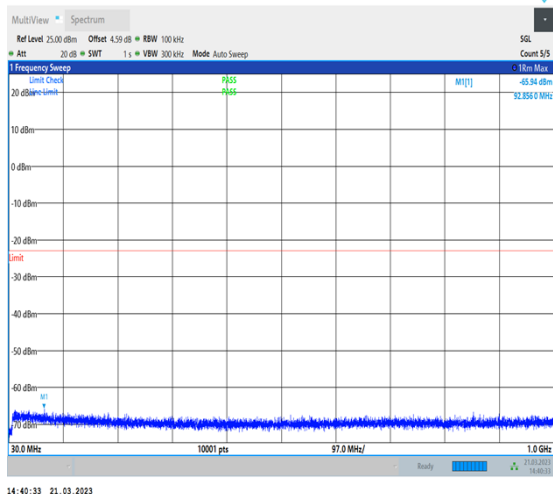
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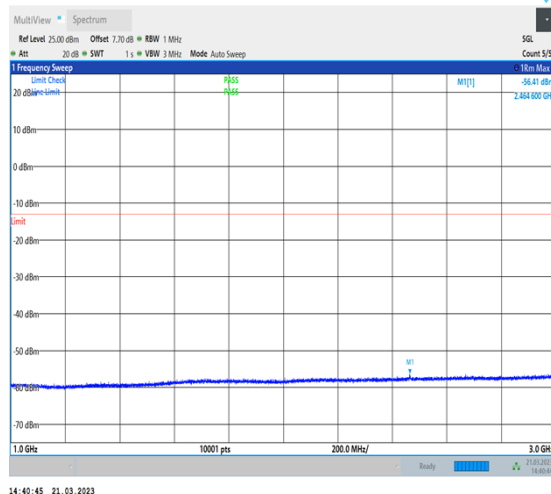
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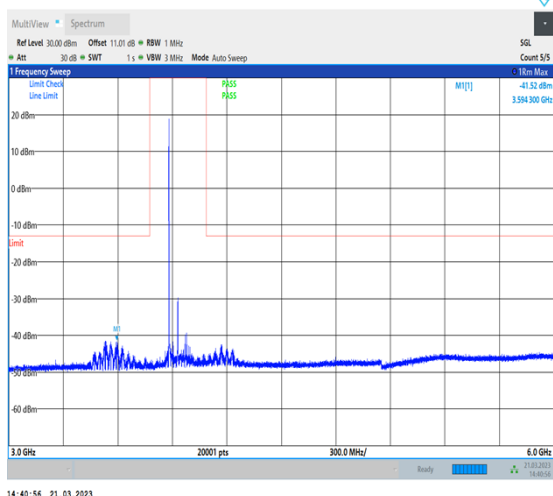
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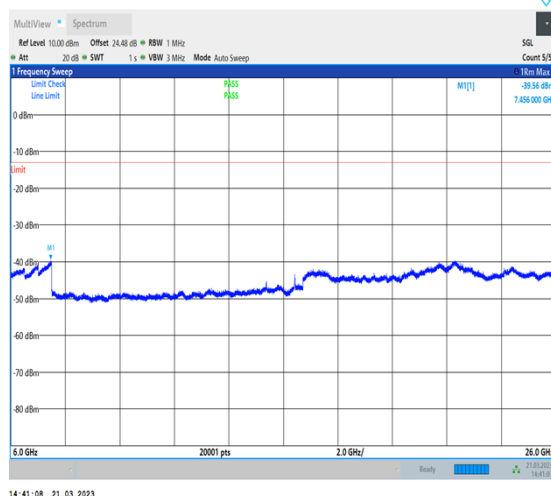
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Edge_1RB_Left-1@0-6000-26000-Ant0-7456.00--
39.56--13-PASS



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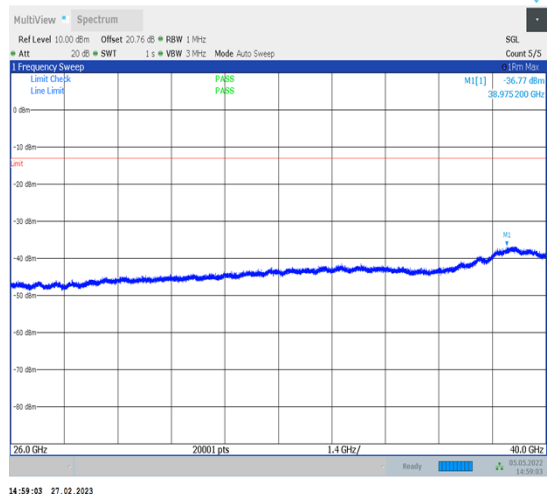
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Field Strength of Spurious Radiation

Test Band = SA Band77 _100MHz_3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6353.75	41.98	-44.12	34.52	-62.87	-13.00	49.87	215	1	Horizontal
2	7310.1800	39.45	-43.52	36.54	-62.79	-13.00	49.79	286	134	Horizontal
3	9376	36.99	-39.68	38.47	-59.48	-13.00	46.48	293	165	Horizontal
4	10965.2700	31.60	-37.70	39.10	-62.27	-13.00	49.27	168	165	Horizontal
5	14620.3600	29.45	-35.28	39.91	-61.17	-13.00	48.17	172	0	Horizontal
6	17963.25	33.69	-34.42	41.99	-54.00	-13.00	41.00	221	50	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	5156.1667	45.10	-45.29	32.97	-62.49	-13.00	49.49	289	168	Vertical
2	6616.25	41.97	-43.99	35.47	-61.81	-13.00	48.81	156	52	Vertical
3	7310.1800	39.75	-43.52	36.54	-62.49	-13.00	49.49	214	21	Vertical
4	9611.6667	36.44	-39.07	38.43	-59.46	-13.00	46.46	209	329	Vertical
5	10965.2700	31.81	-37.70	39.10	-62.06	-13.00	49.06	266	313	Vertical
6	14620.3600	30.23	-35.28	39.91	-60.39	-13.00	47.39	151	4	Vertical



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Test Band = SA Band77 _100MHz_3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6089.5	42.13	-44.07	34.16	-63.04	-13.00	50.04	205	52	Horizontal
2	7590.1800	38.50	-42.93	36.39	-63.29	-13.00	50.29	187	182	Horizontal
3	9415.6667	36.99	-39.65	38.49	-59.43	-13.00	46.43	142	357	Horizontal
4	11835.2700	29.28	-37.00	38.79	-64.19	-13.00	51.19	263	0	Horizontal
5	15180.3600	27.46	-34.55	38.98	-63.37	-13.00	50.37	228	0	Horizontal
6	17394.5	33.64	-34.99	38.85	-57.76	-13.00	44.76	165	166	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	5870.75	42.47	-44.50	33.88	-63.40	-13.00	50.40	245	3	Vertical
2	7590.1800	39.17	-42.93	36.39	-62.62	-13.00	49.62	136	197	Vertical
3	9084.3333	38.30	-40.42	38.26	-59.13	-13.00	46.13	256	263	Vertical
4	11835.2700	29.30	-37.00	38.79	-64.17	-13.00	51.17	218	3	Vertical
5	15180.3600	27.31	-34.55	38.98	-63.52	-13.00	50.52	174	311	Vertical
6	17956.25	33.22	-34.44	41.94	-54.55	-13.00	41.55	126	181	Vertical



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Test Band = SA Band77 _100MHz_3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5156.1667	44.76	-45.29	32.97	-62.83	-13.00	49.83	212	266	Horizontal
2	7870.1800	38.61	-42.68	36.86	-62.47	-13.00	49.47	287	297	Horizontal
3	10231.1667	35.25	-39.05	38.82	-60.24	-13.00	47.24	149	357	Horizontal
4	11805.2700	29.14	-37.29	38.76	-64.65	-13.00	51.65	216	0	Horizontal
5	15740.3600	26.03	-32.97	38.27	-63.92	-13.00	50.92	203	200	Horizontal
6	17915.4167	33.59	-34.59	41.65	-54.61	-13.00	41.61	155	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	6438.3333	42.79	-44.02	34.78	-61.72	-13.00	48.72	218	3	Vertical
2	7870.1800	39.63	-42.68	36.86	-61.45	-13.00	48.45	195	0	Vertical
3	11225.75	33.42	-37.59	39.11	-60.32	-13.00	47.32	163	133	Vertical
4	11805.2700	29.40	-37.29	38.76	-64.39	-13.00	51.39	233	246	Vertical
5	13602.8333	31.55	-35.66	40.15	-59.23	-13.00	46.23	284	0	Vertical
6	15740.3600	26.15	-32.97	38.27	-63.80	-13.00	50.80	152	197	Vertical



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Test Band = SA Band77 _100MHz_ULMIMO 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5318.3333	42.40	-44.91	32.88	-64.89	-13.00	51.89	241	3	Horizontal
2	6794.75	42.11	-43.89	35.83	-61.21	-13.00	48.21	165	346	Horizontal
3	8695.8333	40.39	-41.51	37.91	-58.48	-13.00	45.48	281	182	Horizontal
4	10384.5833	36.45	-39.11	38.86	-59.07	-13.00	46.07	126	266	Horizontal
5	11937.4167	33.48	-36.69	38.90	-59.57	-13.00	46.57	281	0	Horizontal
6	13910.25	33.02	-35.32	40.06	-57.50	-13.00	44.50	196	330	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	5267.5833	42.31	-44.97	32.93	-64.99	-13.00	51.99	247	230	Vertical
2	6582.4167	42.08	-44.16	35.37	-61.97	-13.00	48.97	142	263	Vertical
3	6781.9167	41.96	-43.81	35.80	-61.30	-13.00	48.30	136	3	Vertical
4	8246.0833	40.43	-42.03	37.14	-59.72	-13.00	46.72	215	165	Vertical
5	10239.3333	36.78	-39.05	38.82	-58.71	-13.00	45.71	189	3	Vertical
6	13604	33.53	-35.67	40.15	-57.25	-13.00	44.25	192	0	Vertical



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Test Band = SA Band77 _100MHz_ULMIMO 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5423.9167	42.80	-45.08	32.83	-64.72	-13.00	51.72	248	1	Horizontal
2	7133.0833	41.66	-43.82	36.43	-60.99	-13.00	47.99	174	356	Horizontal
3	8055.3333	39.96	-41.87	37.03	-60.15	-13.00	47.15	166	4	Horizontal
4	10713.5833	35.69	-38.21	39.15	-58.63	-13.00	45.63	259	231	Horizontal
5	12467.6667	34.46	-36.90	39.14	-58.56	-13.00	45.56	142	70	Horizontal
6	13693.8333	34.96	-36.11	40.06	-56.35	-13.00	43.35	136	36	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	5107.1667	43.11	-45.39	32.94	-64.61	-13.00	51.61	211	0	Vertical
2	6793.5833	42.12	-43.89	35.83	-61.20	-13.00	48.20	142	4	Vertical
3	8037.25	40.01	-41.99	37.02	-60.22	-13.00	47.22	251	102	Vertical
4	9648.4167	37.26	-39.18	38.39	-58.79	-13.00	45.79	174	35	Vertical
5	12226.1667	34.74	-37.11	39.12	-58.50	-13.00	45.50	153	0	Vertical
6	14352.4167	33.64	-35.07	40.12	-56.58	-13.00	43.58	211	52	Vertical



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Test Band = SA Band77 _100MHz_ULMIMO 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5213.9167	43.15	-45.15	32.98	-64.29	-13.00	51.29	248	356	Horizontal
2	6405.0833	41.64	-43.89	34.64	-62.87	-13.00	49.87	136	197	Horizontal
3	7180.3333	40.87	-43.45	36.55	-61.29	-13.00	48.29	256	248	Horizontal
4	8421.0833	40.93	-41.55	37.37	-58.51	-13.00	45.51	199	0	Horizontal
5	9363.75	37.96	-39.74	38.46	-58.58	-13.00	45.58	174	50	Horizontal
6	11609	34.03	-36.86	38.88	-59.21	-13.00	46.21	150	84	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5584.9167	42.59	-44.90	33.00	-64.57	-13.00	51.57	253	357	Vertical
2	6938.8333	41.65	-43.61	36.01	-61.22	-13.00	48.22	145	84	Vertical
3	7343.6667	41.77	-43.43	36.52	-60.40	-13.00	47.40	166	200	Vertical
4	8750.6667	39.99	-41.22	38.00	-58.49	-13.00	45.49	291	0	Vertical
5	10708.3333	36.18	-38.19	39.15	-58.13	-13.00	45.13	148	264	Vertical
6	13613.3333	33.73	-35.72	40.14	-57.11	-13.00	44.11	173	9	Vertical



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Test Band = NSA 2A_n77A_TM1
Test Channel = Low 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5210.4167	42.25	-45.16	32.98	-65.19	-13.00	52.19	129	3	Horizontal
2	6981.4167	41.48	-43.33	36.06	-61.05	-13.00	48.05	246	47	Horizontal
3	8415.25	39.19	-41.55	37.36	-60.26	-13.00	47.26	271	111	Horizontal
4	11423.5	29.93	-36.99	39.08	-63.23	-13.00	50.23	145	289	Horizontal
5	13734.6667	28.39	-36.15	40.02	-63.00	-13.00	50.00	233	258	Horizontal
6	16472.8333	28.70	-33.54	37.87	-62.23	-13.00	49.23	164	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	4843.5	51.77	-45.23	32.44	-56.28	-13.00	43.28	295	49	Vertical
2	7402	44.42	-43.26	36.49	-57.62	-13.00	44.62	273	49	Vertical
3	9559.1667	35.98	-39.50	38.45	-60.33	-13.00	47.33	128	80	Vertical
4	11433.4167	30.19	-37.00	39.07	-63.00	-13.00	50.00	253	323	Vertical
5	13604	27.70	-35.67	40.15	-63.08	-13.00	50.08	195	32	Vertical
6	16469.9167	29.04	-33.56	37.86	-61.91	-13.00	48.91	142	360	Vertical



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Report No.: SEWM2311000473RG02

Rev.: 01

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Test Band = NSA 2A_n77A_ TM1
Test Channel = Mid 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4844.0833	44.29	-45.23	32.44	-63.76	-13.00	50.76	239	30	Horizontal
2	6755.0833	41.24	-43.62	35.75	-61.89	-13.00	48.89	178	47	Horizontal
3	8407.6667	39.51	-41.55	37.35	-59.95	-13.00	46.95	241	191	Horizontal
4	9569.6667	35.68	-39.38	38.45	-60.51	-13.00	47.51	168	175	Horizontal
5	13846.0833	28.26	-35.75	40.00	-62.75	-13.00	49.75	203	224	Horizontal
6	17692	28.14	-33.45	40.12	-60.44	-13.00	47.44	149	271	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	4907.0833	43.54	-45.13	32.62	-64.23	-13.00	51.23	289	338	Vertical
2	7343.6667	42.86	-43.43	36.52	-59.31	-13.00	46.31	301	209	Vertical
3	8412.9167	39.72	-41.55	37.36	-59.73	-13.00	46.73	241	360	Vertical
4	9605.8333	34.80	-39.05	38.43	-61.07	-13.00	48.07	215	96	Vertical
5	11379.1667	29.90	-37.09	39.11	-63.34	-13.00	50.34	186	176	Vertical
6	13752.1667	28.32	-36.16	40.01	-63.10	-13.00	50.10	134	96	Vertical



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Report No.: SEWM2311000473RG02

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Test Band = NSA 2A_n77A_ TM1
Test Channel = High 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4914.0833	43.50	-45.15	32.64	-64.27	-13.00	51.27	129	166	Horizontal
2	6682.1667	40.66	-43.40	35.60	-62.40	-13.00	49.40	247	281	Horizontal
3	8333	37.04	-41.82	37.25	-62.80	-13.00	49.80	156	197	Horizontal
4	9608.1667	34.78	-39.06	38.43	-61.10	-13.00	48.10	270	360	Horizontal
5	11499.9167	27.99	-37.10	39.00	-65.37	-13.00	52.37	136	214	Horizontal
6	13846.6667	27.84	-35.74	40.00	-63.16	-13.00	50.16	287	332	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	4843.5	49.33	-45.23	32.44	-58.72	-13.00	45.72	214	46	Vertical
2	6100.5833	41.84	-43.99	34.17	-63.25	-13.00	50.25	172	320	Vertical
3	7656.3333	42.61	-42.95	36.50	-59.10	-13.00	46.10	186	176	Vertical
4	9006.1667	36.04	-40.70	38.20	-61.71	-13.00	48.71	295	96	Vertical
5	11330.1667	29.84	-37.43	39.11	-63.74	-13.00	50.74	134	360	Vertical
6	14322.6667	26.77	-35.54	40.14	-63.89	-13.00	50.89	175	111	Vertical



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Test Band = NSA 5A_n77A_ TM1
Test Channel = Low 3700-3980
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4893.6667	43.09	-45.12	32.58	-64.71	-13.00	51.71	297	360	Horizontal
2	6636.0833	40.74	-43.82	35.51	-62.82	-13.00	49.82	148	16	Horizontal
3	8425.75	37.27	-41.55	37.38	-62.16	-13.00	49.16	263	258	Horizontal
4	9484.5	33.76	-40.07	38.47	-63.11	-13.00	50.11	184	339	Horizontal
5	11327.25	27.21	-37.45	39.11	-66.39	-13.00	53.39	256	3	Horizontal
6	13839.6667	25.35	-35.81	40.00	-65.72	-13.00	52.72	142	48	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	5312.5	43.16	-44.90	32.88	-64.11	-13.00	51.11	219	208	Vertical
2	7343.6667	40.45	-43.43	36.52	-61.72	-13.00	48.72	256	208	Vertical
3	8403	37.18	-41.55	37.34	-62.29	-13.00	49.29	234	288	Vertical
4	8936.75	34.80	-40.96	38.16	-63.26	-13.00	50.26	172	338	Vertical
5	11368.0833	26.38	-37.17	39.11	-66.94	-13.00	53.94	211	61	Vertical
6	14507.5833	23.73	-34.82	40.00	-66.35	-13.00	53.35	160	239	Vertical



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Test Band = NSA 5A_n77A_ TM1
Test Channel = Mid 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5695.75	41.51	-44.85	33.37	-65.23	-13.00	52.23	259	306	Horizontal
2	7007.0833	39.73	-43.27	36.10	-62.70	-13.00	49.70	174	323	Horizontal
3	8404.1667	37.65	-41.55	37.34	-61.82	-13.00	48.82	248	360	Horizontal
4	9462.9167	33.81	-39.94	38.47	-62.92	-13.00	49.92	193	348	Horizontal
5	11394.3333	26.27	-36.99	39.11	-66.87	-13.00	53.87	216	63	Horizontal
6	13605.1667	25.11	-35.68	40.15	-65.68	-13.00	52.68	235	337	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	6030	41.59	-44.53	34.14	-64.06	-13.00	51.06	248	32	Vertical
2	7656.3333	41.30	-42.95	36.50	-60.41	-13.00	47.41	195	177	Vertical
3	8414.0833	37.41	-41.55	37.36	-62.04	-13.00	49.04	162	194	Vertical
4	9474	33.46	-40.01	38.47	-63.34	-13.00	50.34	235	80	Vertical
5	11320.25	26.85	-37.50	39.11	-66.80	-13.00	53.80	214	225	Vertical
6	13838.5	25.14	-35.82	39.99	-65.94	-13.00	52.94	127	306	Vertical



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Test Band = NSA 5A_n77A_ TM1
Test Channel = High 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4905.3333	43.18	-45.12	32.61	-64.59	-13.00	51.59	277	338	Horizontal
2	6739.9167	40.31	-43.52	35.72	-62.75	-13.00	49.75	185	259	Horizontal
3	8403.5833	37.24	-41.55	37.34	-62.23	-13.00	49.23	162	17	Horizontal
4	9460	33.56	-39.92	38.48	-63.15	-13.00	50.15	135	259	Horizontal
5	12096.6667	24.94	-37.16	39.05	-68.43	-13.00	55.43	248	31	Horizontal
6	13882.8333	24.68	-35.40	40.03	-65.95	-13.00	52.95	175	356	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	5312.5	42.24	-44.90	32.88	-65.03	-13.00	52.03	291	194	Vertical
2	7656.3333	40.08	-42.95	36.50	-61.63	-13.00	48.63	183	177	Vertical
3	9478.0833	33.46	-40.03	38.47	-63.36	-13.00	50.36	264	258	Vertical
4	11379.75	26.52	-37.09	39.11	-66.72	-13.00	53.72	187	273	Vertical
5	13906.1667	24.25	-35.29	40.06	-66.24	-13.00	53.24	192	289	Vertical
6	16457.6667	26.73	-33.64	37.84	-64.33	-13.00	51.33	213	359	Vertical



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Test Band = NSA 7A_n77A_ TM1
Test Channel = Low 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5472.9167	41.66	-44.97	32.88	-65.69	-13.00	52.69	271	323	Horizontal
2	6729.4167	40.05	-43.44	35.70	-62.95	-13.00	49.95	185	258	Horizontal
3	7907.75	36.62	-42.78	36.90	-64.52	-13.00	51.52	263	226	Horizontal
4	9425.5833	33.27	-39.71	38.48	-63.22	-13.00	50.22	243	349	Horizontal
5	11317.3333	26.66	-37.52	39.11	-67.01	-13.00	54.01	155	194	Horizontal
6	13900.9167	24.51	-35.25	40.05	-65.95	-13.00	52.95	134	274	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	6040.5	41.48	-44.45	34.14	-64.08	-13.00	51.08	214	258	Vertical
2	7656.3333	40.61	-42.95	36.50	-61.10	-13.00	48.10	169	177	Vertical
3	9423.25	33.27	-39.69	38.48	-63.20	-13.00	50.20	285	258	Vertical
4	11330.1667	26.58	-37.43	39.11	-67.00	-13.00	54.00	135	112	Vertical
5	13850.75	25.10	-35.70	40.01	-65.86	-13.00	52.86	247	338	Vertical
6	17223.5833	27.41	-35.25	38.64	-64.46	-13.00	51.46	158	272	Vertical



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Test Band = NSA 7A_n77A_ TM1
Test Channel = Mid 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	43.43	-45.23	32.44	-64.62	-13.00	51.62	159	30	Horizontal
2	6425.5	41.10	-43.97	34.72	-63.41	-13.00	50.41	248	142	Horizontal
3	8414.6667	37.53	-41.55	37.36	-61.92	-13.00	48.92	163	360	Horizontal
4	9560.3333	33.39	-39.48	38.45	-62.90	-13.00	49.90	284	358	Horizontal
5	11383.25	26.50	-37.07	39.11	-66.72	-13.00	53.72	117	225	Horizontal
6	13833.25	25.88	-35.87	39.99	-65.26	-13.00	52.26	185	62	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	5048.8333	42.45	-45.38	32.91	-65.29	-13.00	52.29	234	360	Vertical
2	5981	41.64	-44.70	34.09	-64.23	-13.00	51.23	189	294	Vertical
3	7187.3333	39.68	-43.39	36.57	-62.40	-13.00	49.40	265	196	Vertical
4	7656.3333	40.77	-42.95	36.50	-60.94	-13.00	47.94	155	180	Vertical
5	9481.5833	34.15	-40.06	38.47	-62.70	-13.00	49.70	142	360	Vertical
6	11390.25	27.22	-37.02	39.11	-65.95	-13.00	52.95	276	261	Vertical



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Report No.: SEWM2311000473RG02

Rev.: 01

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Test Band = NSA 7A_n77A_ TM1
Test Channel = High 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4940.3333	43.33	-45.21	32.71	-64.43	-13.00	51.43	278	129	Horizontal
2	5985.6667	42.25	-44.72	34.10	-63.62	-13.00	50.62	149	144	Horizontal
3	7032.75	40.23	-43.49	36.17	-62.36	-13.00	49.36	250	63	Horizontal
4	8420.5	38.07	-41.55	37.37	-61.37	-13.00	48.37	163	289	Horizontal
5	9467.5833	33.91	-39.97	38.47	-62.85	-13.00	49.85	284	97	Horizontal
6	13858.9167	25.24	-35.63	40.01	-65.63	-13.00	52.63	203	356	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	4926.3333	43.11	-45.18	32.67	-64.65	-13.00	51.65	216	210	Vertical
2	6730	40.23	-43.45	35.70	-62.78	-13.00	49.78	239	94	Vertical
3	8418.1667	37.22	-41.55	37.37	-62.22	-13.00	49.22	287	359	Vertical
4	9528.25	33.99	-39.85	38.46	-62.66	-13.00	49.66	142	227	Vertical
5	11251.4167	27.60	-37.61	39.11	-66.16	-13.00	53.16	156	160	Vertical
6	16380.6667	27.53	-34.04	37.71	-64.06	-13.00	51.06	230	359	Vertical



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Test Band = NR CA 2A_n77A 3700-3980_ TM1
Test Channel = Low
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6505.4167	41.74	-44.26	35.05	-62.73	-13.00	49.73	218	124	Horizontal
2	7458.5833	41.14	-43.10	36.46	-60.76	-13.00	47.76	142	1	Horizontal
3	9592.4167	35.92	-39.12	38.44	-60.01	-13.00	47.01	136	140	Horizontal
4	11141.1667	32.97	-37.62	39.10	-60.81	-13.00	47.81	145	243	Horizontal
5	13906.1667	29.52	-35.29	40.06	-60.97	-13.00	47.97	251	207	Horizontal
6	14445.75	29.06	-34.53	40.05	-60.68	-13.00	47.68	188	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	4843.5	47.79	-45.23	32.44	-60.26	-13.00	47.26	211	181	Vertical
2	5671.25	48.16	-44.86	33.28	-58.68	-13.00	45.68	154	2	Vertical
3	7343.6667	43.27	-43.43	36.52	-58.90	-13.00	45.90	136	164	Vertical
4	8406.5	39.76	-41.55	37.34	-59.71	-13.00	46.71	259	130	Vertical
5	9575.5	35.89	-39.31	38.45	-60.23	-13.00	47.23	188	214	Vertical
6	12836.3333	30.26	-36.85	39.67	-62.19	-13.00	49.19	174	84	Vertical



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Test Band = NR CA 2A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	44.90	-45.23	32.44	-63.15	-13.00	50.15	211	296	Horizontal
2	5671.8333	46.66	-44.86	33.28	-60.18	-13.00	47.18	148	84	Horizontal
3	7669.1667	40.64	-42.95	36.52	-61.05	-13.00	48.05	185	67	Horizontal
4	8402.4167	39.74	-41.55	37.34	-59.73	-13.00	46.73	196	296	Horizontal
5	10496	33.83	-38.60	38.96	-61.08	-13.00	48.08	251	231	Horizontal
6	12223.25	30.83	-37.11	39.12	-62.42	-13.00	49.42	142	148	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5671.8333	50.00	-44.86	33.28	-56.84	-13.00	43.84	211	0	Vertical
2	6655.9167	41.90	-43.64	35.55	-61.44	-13.00	48.44	196	99	Vertical
3	7343.6667	43.42	-43.43	36.52	-58.75	-13.00	45.75	154	164	Vertical
4	8417	39.31	-41.55	37.37	-60.13	-13.00	47.13	184	164	Vertical
5	10122.0833	34.75	-39.06	38.69	-60.89	-13.00	47.89	111	68	Vertical
6	13605.1667	29.45	-35.68	40.15	-61.34	-13.00	48.34	136	0	Vertical



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Test Band = NR CA 2A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4917	43.56	-45.15	32.65	-64.20	-13.00	51.20	215	312	Horizontal
2	7165.1667	40.82	-43.57	36.51	-61.50	-13.00	48.50	145	329	Horizontal
3	7439.3333	41.28	-43.16	36.47	-60.67	-13.00	47.67	188	182	Horizontal
4	8594.9167	39.35	-41.41	37.74	-59.58	-13.00	46.58	169	84	Horizontal
5	10546.75	35.46	-38.63	39.01	-59.42	-13.00	46.42	122	357	Horizontal
6	14768.3333	32.01	-35.00	39.70	-58.55	-13.00	45.55	236	197	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	5233.1667	43.16	-45.09	32.96	-64.23	-13.00	51.23	218	246	Vertical
2	6666.4167	41.49	-43.54	35.57	-61.74	-13.00	48.74	174	230	Vertical
3	7343.6667	43.76	-43.43	36.52	-58.41	-13.00	45.41	169	165	Vertical
4	8376.75	40.13	-41.65	37.30	-59.47	-13.00	46.47	153	261	Vertical
5	10338.5	36.04	-39.06	38.84	-59.43	-13.00	46.43	251	66	Vertical
6	10338.5	36.04	-39.06	38.84	-59.43	-13.00	46.43	145	66	Vertical



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Test Band = NR CA 5A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5547	41.89	-44.91	32.96	-65.31	-13.00	52.31	215	329	Horizontal
2	6804.6667	40.93	-43.93	35.85	-62.41	-13.00	49.41	144	54	Horizontal
3	8427.5	36.86	-41.55	37.39	-62.56	-13.00	49.56	136	282	Horizontal
4	9472.8333	33.86	-40.00	38.47	-62.93	-13.00	49.93	256	250	Horizontal
5	12796.0833	25.90	-36.73	39.62	-66.47	-13.00	53.47	291	215	Horizontal
6	13882.25	25.96	-35.41	40.03	-64.67	-13.00	51.67	148	233	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	4843.5	49.10	-45.23	32.44	-58.95	-13.00	45.95	126	54	Vertical
2	5956.5	41.35	-44.63	34.05	-64.49	-13.00	51.49	254	280	Vertical
3	7343.6667	39.07	-43.43	36.52	-63.10	-13.00	50.10	148	166	Vertical
4	9415.0833	33.41	-39.64	38.49	-63.01	-13.00	50.01	196	0	Vertical
5	10466.8333	28.44	-38.76	38.93	-66.66	-13.00	53.66	155	0	Vertical
6	13797.6667	25.94	-36.18	39.96	-65.54	-13.00	52.54	133	311	Vertical



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Test Band = NR CA 5A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5551.6667	41.90	-44.90	32.97	-65.30	-13.00	52.30	248	103	Horizontal
2	6991.9167	39.38	-43.26	36.07	-63.07	-13.00	50.07	185	54	Horizontal
3	8464.25	36.27	-41.55	37.46	-63.08	-13.00	50.08	174	199	Horizontal
4	10570.6667	27.74	-38.66	39.03	-67.15	-13.00	54.15	136	0	Horizontal
5	12796.0833	26.10	-36.73	39.62	-66.27	-13.00	53.27	256	232	Horizontal
6	15411.1667	24.30	-33.95	38.69	-66.22	-13.00	53.22	219	168	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	5486.3333	42.10	-44.94	32.89	-65.21	-13.00	52.21	174	4	Vertical
2	6700.25	39.87	-43.24	35.64	-62.99	-13.00	49.99	125	40	Vertical
3	7969	37.10	-42.42	36.97	-63.61	-13.00	50.61	136	183	Vertical
4	9556.8333	33.17	-39.52	38.45	-63.16	-13.00	50.16	256	249	Vertical
5	11324.9167	27.72	-37.47	39.11	-65.90	-13.00	52.90	211	87	Vertical
6	13759.1667	25.80	-36.16	40.00	-65.62	-13.00	52.62	149	357	Vertical



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Test Band = NR CA 5A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4978.25	42.21	-45.31	32.82	-65.54	-13.00	52.54	211	357	Horizontal
2	7148.25	39.07	-43.70	36.47	-63.42	-13.00	50.42	145	357	Horizontal
3	8023.8333	36.37	-42.08	37.02	-63.95	-13.00	50.95	185	266	Horizontal
4	10000.1667	30.23	-39.42	38.49	-65.96	-13.00	52.96	126	166	Horizontal
5	12226.75	25.93	-37.11	39.12	-67.31	-13.00	54.31	236	99	Horizontal
6	15356.9167	24.42	-33.88	38.76	-65.96	-13.00	52.96	251	297	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	5748.25	40.65	-44.72	33.56	-65.77	-13.00	52.77	255	64	Vertical
2	7187.3333	39.15	-43.39	36.57	-62.93	-13.00	49.93	148	166	Vertical
3	9482.1667	34.21	-40.06	38.47	-62.64	-13.00	49.64	186	330	Vertical
4	10673.3333	26.94	-38.31	39.12	-67.51	-13.00	54.51	256	2	Vertical
5	13608.6667	24.40	-35.69	40.14	-66.41	-13.00	53.41	236	49	Vertical
6	14530.9167	24.14	-34.98	39.99	-66.11	-13.00	53.11	259	263	Vertical



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Test Band = NR CA 7A_n77A 3700-3980_TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4386	41.91	-45.78	31.48	-67.65	-13.00	54.65	254	359	Horizontal
2	5051.25	44.56	-45.50	32.91	-63.29	-13.00	50.29	136	120	Horizontal
3	6589.5	40.40	-44.38	35.40	-63.84	-13.00	50.84	256	302	Horizontal
4	6990.75	39.75	-43.60	36.07	-63.04	-13.00	50.04	215	242	Horizontal
5	9459	34.01	-40.07	38.48	-62.84	-13.00	49.84	148	30	Horizontal
6	13710.75	26.36	-36.19	40.04	-65.04	-13.00	52.04	185	182	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	5051.25	48.31	-45.50	32.91	-59.54	-13.00	46.54	214	46	Vertical
2	6067.5	40.99	-44.57	34.15	-64.69	-13.00	51.69	136	360	Vertical
3	6981	39.99	-43.65	36.06	-62.87	-13.00	49.87	256	195	Vertical
4	8441.25	37.22	-41.52	37.42	-62.14	-13.00	49.14	291	14	Vertical
5	9474	33.93	-40.13	38.47	-62.98	-13.00	49.98	184	150	Vertical
6	17858.25	27.91	-34.56	41.24	-60.67	-13.00	47.67	155	105	Vertical



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Test Band = NR CA 7A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4418.25	42.26	-45.80	31.53	-67.27	-13.00	54.27	251	30	Horizontal
2	4843.5	44.71	-45.54	32.44	-63.64	-13.00	50.64	123	30	Horizontal
3	5989.5	41.10	-44.84	34.11	-64.89	-13.00	51.89	269	359	Horizontal
4	6609	40.15	-44.30	35.46	-63.95	-13.00	50.95	296	59	Horizontal
5	7576.5	42.53	-42.98	36.40	-59.31	-13.00	46.31	285	120	Horizontal
6	9058.5	34.44	-40.62	38.24	-63.20	-13.00	50.20	142	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	4218.75	43.10	-45.73	31.14	-66.75	-13.00	53.75	255	29	Vertical
2	5051.25	47.31	-45.50	32.91	-60.54	-13.00	47.54	130	43	Vertical
3	6526.5	40.32	-44.54	35.14	-64.34	-13.00	51.34	215	150	Vertical
4	7016.25	39.79	-43.66	36.12	-63.01	-13.00	50.01	145	342	Vertical
5	9487.5	34.21	-40.18	38.47	-62.76	-13.00	49.76	186	4	Vertical
6	13713	26.03	-36.19	40.04	-65.38	-13.00	52.38	291	43	Vertical



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Test Band = NR CA 7A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4531.5	43.18	-45.70	31.64	-66.14	-13.00	53.14	284	26	Horizontal
2	5051.25	44.43	-45.50	32.91	-63.42	-13.00	50.42	174	43	Horizontal
3	6759	40.07	-44.02	35.76	-63.45	-13.00	50.45	156	283	Horizontal
4	7576.5	41.28	-42.98	36.40	-60.56	-13.00	47.56	291	13	Horizontal
5	11334.75	28.20	-37.40	39.11	-65.35	-13.00	52.35	144	359	Horizontal
6	13377	25.46	-36.44	40.12	-66.12	-13.00	53.12	180	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	4244.25	42.49	-45.67	31.19	-67.25	-13.00	54.25	255	118	Vertical
2	5714.25	40.88	-44.84	33.44	-65.78	-13.00	52.78	145	357	Vertical
3	6527.25	40.39	-44.54	35.14	-64.27	-13.00	51.27	186	177	Vertical
4	7656	39.45	-43.04	36.50	-62.35	-13.00	49.35	291	134	Vertical
5	9442.5	33.98	-40.00	38.48	-62.80	-13.00	49.80	142	329	Vertical
6	11316	27.83	-37.41	39.11	-65.73	-13.00	52.73	222	268	Vertical



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Test Band = NR CA 12A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2187.4286	44.62	-47.68	27.30	-71.03	-13.00	58.03	215	0	Horizontal
2	2729.7143	43.47	-47.01	28.35	-70.45	-13.00	57.45	136	164	Horizontal
3	3492	43.73	-46.54	29.51	-68.56	-13.00	55.56	256	335	Horizontal
4	4218.8571	43.27	-45.93	31.14	-66.78	-13.00	53.78	145	322	Horizontal
5	5940.5714	41.05	-44.75	34.02	-64.94	-13.00	51.94	125	20	Horizontal
6	6754.8571	39.46	-44.09	35.75	-64.14	-13.00	51.14	199	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	1874.8571	45.43	-48.02	25.88	-71.97	-13.00	58.97	254	185	Vertical
2	2388	43.89	-47.46	27.43	-71.39	-13.00	58.39	185	41	Vertical
3	3001.7143	43.29	-46.52	29.35	-69.14	-13.00	56.14	145	359	Vertical
4	3125.1429	47.24	-46.63	29.56	-65.10	-13.00	52.10	136	349	Vertical
5	4844	48.82	-45.61	32.44	-59.61	-13.00	46.61	259	314	Vertical
6	7187.4286	38.79	-43.91	36.57	-63.82	-13.00	50.82	155	185	Vertical



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Test Band = NR CA 12A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2031.4286	45.54	-47.84	26.75	-70.81	-13.00	57.81	248	295	Horizontal
2	2350.8571	43.88	-47.47	27.42	-71.44	-13.00	58.44	169	151	Horizontal
3	2992.5714	43.48	-46.52	29.32	-68.99	-13.00	55.99	185	335	Horizontal
4	3170.8571	43.46	-46.42	29.63	-68.59	-13.00	55.59	142	357	Horizontal
5	4218.8571	43.24	-45.93	31.14	-66.81	-13.00	53.81	136	322	Horizontal
6	4889.7143	42.74	-45.59	32.57	-65.53	-13.00	52.53	222	295	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	1718.8571	59.67	-48.12	25.40	-58.31	-13.00	45.31	284	195	Vertical
2	2187.4286	44.65	-47.68	27.30	-71.00	-13.00	58.00	175	130	Vertical
3	2812.5714	44.10	-46.88	28.53	-69.50	-13.00	56.50	145	325	Vertical
4	3125.1429	46.92	-46.63	29.56	-65.42	-13.00	52.42	136	347	Vertical
5	4029.1429	42.09	-46.11	30.84	-68.44	-13.00	55.44	259	208	Vertical
6	4531.4286	46.55	-45.66	31.64	-62.73	-13.00	49.73	155	51	Vertical



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Test Band = NR CA 12A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	57.26	-48.12	25.40	-60.72	-13.00	47.72	254	60	Horizontal
2	2302.2857	43.88	-47.50	27.39	-71.49	-13.00	58.49	136	1	Horizontal
3	2656	44.12	-47.00	28.21	-69.93	-13.00	56.93	259	307	Horizontal
4	3125.1429	50.24	-46.63	29.56	-62.10	-13.00	49.10	188	163	Horizontal
5	5036	41.63	-45.66	32.90	-66.39	-13.00	53.39	145	281	Horizontal
6	5982.2857	40.61	-44.53	34.10	-65.08	-13.00	52.08	180	215	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	59.40	-48.12	25.40	-58.58	-13.00	45.58	284	195	Vertical
2	2242.2857	44.23	-47.60	27.36	-71.27	-13.00	58.27	175	195	Vertical
3	3125.1429	47.48	-46.63	29.56	-64.86	-13.00	51.86	136	349	Vertical
4	3482.2857	43.49	-46.54	29.50	-68.81	-13.00	55.81	259	181	Vertical
5	4531.4286	45.96	-45.66	31.64	-63.32	-13.00	50.32	144	50	Vertical
6	6610.2857	39.71	-44.45	35.46	-64.54	-13.00	51.54	150	79	Vertical



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Test Band = NR CA 25A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8404.6875	40.09	-41.55	37.34	-59.38	-13.00	46.38	211	243	Horizontal
2	9646.2083	37.75	-39.17	38.39	-58.29	-13.00	45.29	236	4	Horizontal
3	9646.2083	37.75	-39.17	38.39	-58.29	-13.00	45.29	251	4	Horizontal
4	11197.2708	35.19	-37.57	39.11	-58.53	-13.00	45.53	148	159	Horizontal
5	13677.9167	34.19	-36.03	40.08	-57.03	-13.00	44.03	196	306	Horizontal
6	16460.9167	34.38	-33.61	37.84	-56.65	-13.00	43.65	185	209	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	3753.4375	36.31	-21.52	30.16	-50.30	-13.00	37.30	248	14	Vertical
2	4964.8125	24.90	-19.65	32.78	-57.23	-13.00	44.23	145	90	Vertical
3	5898.4375	28.25	-18.74	33.94	-51.82	-13.00	38.82	195	7	Vertical
4	7343.8125	43.44	-43.43	36.52	-58.73	-13.00	45.73	184	198	Vertical
5	9609.3125	36.76	-39.06	38.43	-59.13	-13.00	46.13	175	63	Vertical
6	12502.0417	34.63	-36.65	39.18	-58.10	-13.00	45.10	125	352	Vertical



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Report No.: SEWM2311000473RG02

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Test Band = NR CA 25A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.2292	41.50	-42.95	36.50	-60.21	-13.00	47.21	248	304	Horizontal
2	8806.7083	38.90	-40.94	38.08	-59.22	-13.00	46.22	174	208	Horizontal
3	10458.3958	36.28	-38.81	38.92	-58.87	-13.00	45.87	156	191	Horizontal
4	11144.5625	35.12	-37.62	39.10	-58.66	-13.00	45.66	192	63	Horizontal
5	13842.2708	34.28	-35.78	40.00	-56.76	-13.00	43.76	145	360	Horizontal
6	13842.2708	34.28	-35.78	40.00	-56.76	-13.00	43.76	136	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	7343.8125	43.68	-43.43	36.52	-58.49	-13.00	45.49	247	177	Vertical
2	9287.3125	38.42	-40.11	38.41	-58.54	-13.00	45.54	148	356	Vertical
3	11203.5	35.56	-37.57	39.11	-58.16	-13.00	45.16	156	18	Vertical
4	13491.5208	33.81	-36.91	40.15	-58.21	-13.00	45.21	144	18	Vertical
5	13710.0208	34.56	-36.14	40.05	-56.80	-13.00	43.80	152	276	Vertical
6	14429.7292	32.67	-34.45	40.06	-56.98	-13.00	43.98	188	18	Vertical



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Test Band = NR CA 25A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7418.5625	41.85	-43.22	36.48	-60.15	-13.00	47.15	245	360	Horizontal
2	8851.75	39.18	-41.02	38.11	-58.99	-13.00	45.99	188	194	Horizontal
3	9977.7917	36.93	-39.36	38.46	-59.23	-13.00	46.23	136	178	Horizontal
4	10708.5208	35.93	-38.19	39.15	-58.38	-13.00	45.38	256	258	Horizontal
5	12458.4375	34.51	-36.97	39.13	-58.59	-13.00	45.59	291	275	Horizontal
6	13486.25	34.05	-36.90	40.15	-57.96	-13.00	44.96	145	325	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	7656.2292	45.43	-42.95	36.50	-56.28	-13.00	43.28	244	179	Vertical
2	9320.8542	38.22	-39.97	38.43	-58.58	-13.00	45.58	186	32	Vertical
3	11093.7708	35.59	-37.67	39.09	-58.25	-13.00	45.25	191	196	Vertical
4	13506.375	34.34	-36.86	40.15	-57.63	-13.00	44.63	145	344	Vertical
5	14377.5	33.14	-34.68	40.10	-56.70	-13.00	43.70	156	16	Vertical
6	14494.8958	32.60	-34.75	40.01	-57.39	-13.00	44.39	231	163	Vertical



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Test Band = NR CA 41A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7414.825	38.57	-42.85	36.48	-63.05	-13.00	50.05	254	133	Horizontal
2	8421.075	37.08	-41.46	37.37	-62.27	-13.00	49.27	136	117	Horizontal
3	9416.975	32.98	-39.93	38.49	-63.72	-13.00	50.72	256	164	Horizontal
4	11244.9	25.86	-36.88	39.11	-67.17	-13.00	54.17	291	326	Horizontal
5	13853.675	24.50	-35.89	40.01	-66.64	-13.00	53.64	145	208	Horizontal
6	15770.725	23.69	-33.12	38.24	-66.45	-13.00	53.45	258	359	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	8421.075	36.55	-41.46	37.37	-62.80	-13.00	49.80	245	360	Vertical
2	8537.8	35.26	-41.46	37.62	-63.84	-13.00	50.84	169	360	Vertical
3	10022.45	29.84	-39.23	38.53	-66.12	-13.00	53.12	184	238	Vertical
4	11219.6	25.48	-36.72	39.11	-67.39	-13.00	54.39	145	238	Vertical
5	13768.575	24.80	-36.17	39.99	-66.64	-13.00	53.64	125	103	Vertical
6	13768.575	24.80	-36.17	39.99	-66.64	-13.00	53.64	211	103	Vertical



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Test Band = NR CA 41A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7398.725	38.23	-42.80	36.49	-63.34	-13.00	50.34	245	89	Horizontal
2	8533.775	35.98	-41.49	37.61	-63.16	-13.00	50.16	122	360	Horizontal
3	9468.725	32.90	-39.95	38.47	-63.83	-13.00	50.83	236	352	Horizontal
4	11227.07	25.61	-36.77	39.11	-67.31	-13.00	54.31	142	89	Horizontal
5	12859.5	24.98	-36.77	39.69	-67.36	-13.00	54.36	185	103	Horizontal
6	12859.5	24.98	-36.77	39.69	-67.36	-13.00	54.36	169	103	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	7656.325	40.18	-42.86	36.50	-61.44	-13.00	48.44	245	298	Vertical
2	9549.8	32.82	-39.58	38.45	-63.57	-13.00	50.57	222	238	Vertical
3	9989.1	29.56	-39.36	38.48	-66.59	-13.00	53.59	256	359	Vertical
4	11225.35	25.51	-36.76	39.11	-67.40	-13.00	54.40	148	269	Vertical
5	12821.55	24.65	-36.67	39.65	-67.63	-13.00	54.63	195	163	Vertical
6	15186.525	23.49	-33.86	38.97	-66.66	-13.00	53.66	172	120	Vertical



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Test Band = NR CA 41A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7440.7	37.98	-42.94	36.47	-63.76	-13.00	50.76	254	42	Horizontal
2	8481.45	36.25	-41.72	37.50	-63.23	-13.00	50.23	136	349	Horizontal
3	10057.525	29.47	-38.99	38.58	-66.20	-13.00	53.20	259	191	Horizontal
4	11398.425	25.61	-37.51	39.11	-68.05	-13.00	55.05	184	360	Horizontal
5	13762.825	24.55	-36.15	40.00	-66.87	-13.00	53.87	175	73	Horizontal
6	14501.7	22.93	-34.25	40.01	-66.57	-13.00	53.57	144	73	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	7656.325	39.14	-42.86	36.50	-62.48	-13.00	49.48	184	133	Vertical
2	9515.875	33.12	-39.84	38.46	-63.52	-13.00	50.52	211	359	Vertical
3	10078.8	28.72	-38.84	38.62	-66.77	-13.00	53.77	148	104	Vertical
4	11394.975	25.66	-37.50	39.11	-67.99	-13.00	54.99	100	14	Vertical
5	12765.775	25.22	-36.69	39.57	-67.16	-13.00	54.16	142	30	Vertical
6	13957.75	23.76	-35.11	40.10	-66.51	-13.00	53.51	233	268	Vertical



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Test Band = NR CA 66A_n77A 3700-3980_TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8430.275	36.61	-41.50	37.39	-62.76	-13.00	49.76	254	103	Horizontal
2	9485.4	32.68	-39.95	38.47	-64.07	-13.00	51.07	136	267	Horizontal
3	11226.5	25.60	-36.77	39.11	-67.32	-13.00	54.32	251	283	Horizontal
4	12827.875	24.74	-36.69	39.66	-67.55	-13.00	54.55	126	163	Horizontal
5	13847.925	24.43	-35.92	40.00	-66.75	-13.00	53.75	251	356	Horizontal
6	15793.725	23.39	-33.07	38.21	-66.74	-13.00	53.74	188	208	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	8402.675	36.37	-41.38	37.34	-62.94	-13.00	49.94	184	224	Vertical
2	9477.35	32.46	-39.95	38.47	-64.28	-13.00	51.28	152	357	Vertical
3	10667.025	25.41	-37.66	39.11	-68.40	-13.00	55.40	136	46	Vertical
4	12200.55	24.19	-37.11	39.13	-69.05	-13.00	56.05	259	360	Vertical
5	13823.775	24.29	-36.09	39.98	-67.08	-13.00	54.08	188	135	Vertical
6	15821.9	24.19	-33.29	38.16	-66.20	-13.00	53.20	174	313	Vertical



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Test Band = NR CA 66A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7778.225	36.39	-42.66	36.74	-64.79	-13.00	51.79	215	4	Horizontal
2	8412.45	36.51	-41.42	37.36	-62.82	-13.00	49.82	136	352	Horizontal
3	9421.575	32.82	-39.93	38.48	-63.88	-13.00	50.88	251	121	Horizontal
4	9628.575	29.68	-39.28	38.41	-66.45	-13.00	53.45	152	299	Horizontal
5	11275.37	25.75	-37.07	39.11	-67.47	-13.00	54.47	163	164	Horizontal
6	12828.45	24.87	-36.69	39.66	-67.42	-13.00	54.42	266	46	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	7045.1	39.83	-43.29	36.20	-62.52	-13.00	49.52	214	282	Vertical
2	8484.325	35.96	-41.73	37.51	-63.53	-13.00	50.53	136	87	Vertical
3	9473.325	32.78	-39.95	38.47	-63.96	-13.00	50.96	256	43	Vertical
4	10118.47	27.73	-38.81	38.68	-67.66	-13.00	54.66	144	73	Vertical
5	11323.1	25.35	-37.29	39.11	-68.09	-13.00	55.09	158	360	Vertical
6	13864.6	24.18	-35.81	40.02	-66.87	-13.00	53.87	195	192	Vertical



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Test Band = NR CA 66A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7136.525	39.07	-43.64	36.43	-63.40	-13.00	50.40	248	30	Horizontal
2	7853.55	36.56	-42.67	36.84	-64.52	-13.00	51.52	175	164	Horizontal
3	8410.15	36.68	-41.41	37.35	-62.64	-13.00	49.64	145	208	Horizontal
4	9421	32.73	-39.93	38.48	-63.97	-13.00	50.97	136	194	Horizontal
5	12093.025	24.69	-37.19	39.04	-68.71	-13.00	55.71	259	59	Horizontal
6	16969.025	25.49	-33.81	38.48	-65.09	-13.00	52.09	291	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	7343.525	39.91	-43.09	36.52	-61.92	-13.00	48.92	245	209	Vertical
2	8419.925	36.25	-41.46	37.37	-63.09	-13.00	50.09	136	239	Vertical
3	8948.925	34.10	-40.89	38.17	-63.88	-13.00	50.88	255	59	Vertical
4	9464.7	32.81	-39.95	38.47	-63.92	-13.00	50.92	142	209	Vertical
5	10364.575	27.23	-38.81	38.85	-67.99	-13.00	54.99	169	328	Vertical
6	11249.5	26.03	-36.91	39.11	-67.03	-13.00	54.03	211	224	Vertical



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Report No.: SEWM2311000473RG02

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Test Band = NR CA 71A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7544.775	36.80	-42.98	36.42	-65.02	-13.00	52.02	214	42	Horizontal
2	9425.6	31.59	-39.93	38.48	-65.12	-13.00	52.12	136	328	Horizontal
3	11214.425	23.61	-36.69	39.11	-69.23	-13.00	56.23	256	29	Horizontal
4	12712.875	23.30	-36.80	39.48	-69.29	-13.00	56.29	144	268	Horizontal
5	14522.975	21.49	-34.49	39.99	-68.26	-13.00	55.26	125	178	Horizontal
6	16343.425	25.96	-34.62	37.69	-66.23	-13.00	53.23	199	42	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	7343.525	37.88	-43.09	36.52	-63.95	-13.00	50.95	245	207	Vertical
2	8930.525	32.65	-40.90	38.16	-65.35	-13.00	52.35	185	359	Vertical
3	10083.4	26.92	-38.81	38.62	-68.53	-13.00	55.53	136	3	Vertical
4	11330	24.23	-37.31	39.11	-69.23	-13.00	56.23	144	297	Vertical
5	13674.275	22.80	-36.00	40.08	-68.38	-13.00	55.38	126	360	Vertical
6	14503.425	22.40	-34.27	40.01	-67.12	-13.00	54.12	195	207	Vertical



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Test Band = NR CA 71A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.325	37.04	-42.86	36.50	-64.58	-13.00	51.58	145	116	Horizontal
2	8409	35.73	-41.41	37.35	-63.59	-13.00	50.59	122	251	Horizontal
3	9480.225	31.61	-39.95	38.47	-65.13	-13.00	52.13	256	360	Horizontal
4	10614.7	24.45	-37.93	39.07	-69.67	-13.00	56.67	291	237	Horizontal
5	12829.025	23.92	-36.69	39.66	-68.37	-13.00	55.37	145	102	Horizontal
6	15158.925	22.80	-34.06	39.01	-67.51	-13.00	54.51	186	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	7656.325	37.85	-42.86	36.50	-63.77	-13.00	50.77	214	133	Vertical
2	8944.9	33.04	-40.89	38.17	-64.95	-13.00	51.95	156	313	Vertical
3	10064.425	27.22	-38.94	38.59	-68.39	-13.00	55.39	291	73	Vertical
4	12242.525	23.17	-36.91	39.12	-69.88	-13.00	56.88	153	29	Vertical
5	14495.375	21.87	-34.27	40.01	-67.65	-13.00	54.65	266	43	Vertical
6	15326.825	23.04	-33.96	38.80	-67.38	-13.00	54.38	254	161	Vertical



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Test Band = NR CA 71A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8422.8	35.64	-41.47	37.38	-63.71	-13.00	50.71	245	4	Horizontal
2	8939.725	33.13	-40.89	38.16	-64.86	-13.00	51.86	136	4	Horizontal
3	10692.325	24.03	-37.53	39.13	-69.63	-13.00	56.63	256	313	Horizontal
4	12053.925	23.60	-37.19	39.01	-69.83	-13.00	56.83	291	359	Horizontal
5	14516.65	22.06	-34.42	40.00	-67.62	-13.00	54.62	145	254	Horizontal
6	15158.925	22.75	-34.06	39.01	-67.56	-13.00	54.56	188	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	7968.55	35.29	-42.32	36.97	-65.32	-13.00	52.32	245	208	Vertical
2	8940.3	32.97	-40.89	38.16	-65.02	-13.00	52.02	126	360	Vertical
3	10109.85	27.46	-38.76	38.67	-67.89	-13.00	54.89	236	326	Vertical
4	12224.7	23.64	-36.99	39.12	-69.49	-13.00	56.49	255	148	Vertical
5	14490.2	22.00	-34.31	40.02	-67.56	-13.00	54.56	185	360	Vertical
6	15777.05	23.53	-33.11	38.23	-66.61	-13.00	53.61	146	360	Vertical



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Test Band = NR CA n70A-n77A 3700-3980_ TM1
Test Channel = Low Channel
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7864.6667	42.51	-44.95	36.36	-61.33	-13.00	48.33	Horizontal
2	9518.2708	40.26	-42.48	38.07	-59.42	-13.00	46.42	Horizontal
3	11494.3542	37.80	-40.07	39.30	-58.23	-13.00	45.23	Horizontal
4	13731.5833	34.81	-38.13	40.28	-58.30	-13.00	45.30	Horizontal
5	14819.7708	33.12	-37.71	40.24	-59.61	-13.00	46.61	Horizontal
6	17509.8125	30.15	-36.18	42.16	-59.13	-13.00	46.13	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7225.9375	43.44	-45.60	36.14	-61.27	-13.00	48.27	Vertical
2	8746.3333	41.79	-43.77	37.24	-59.99	-13.00	46.99	Vertical
3	10801.9583	37.81	-40.44	39.22	-58.67	-13.00	45.67	Vertical
4	11986.4583	36.07	-38.74	39.20	-58.73	-13.00	45.73	Vertical
5	13930.9167	34.01	-38.59	40.74	-59.10	-13.00	46.10	Vertical
6	17973.1667	29.62	-37.06	45.13	-57.57	-13.00	44.57	Vertical



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Test Band = NR CA n70A-n77A 3700-3980_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6874.2292	43.31	-46.26	35.32	-62.89	-13.00	49.89	Horizontal
2	7827.2917	42.30	-44.92	36.41	-61.47	-13.00	48.47	Horizontal
3	9542.2292	39.76	-42.26	38.09	-59.67	-13.00	46.67	Horizontal
4	11159.8958	37.78	-40.01	39.37	-58.13	-13.00	45.13	Horizontal
5	13603.1667	34.78	-38.27	39.99	-58.76	-13.00	45.76	Horizontal
6	17965.5	29.74	-37.08	45.08	-57.52	-13.00	44.52	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7304.5208	43.40	-45.99	36.33	-61.52	-13.00	48.52	Vertical
2	8874.2708	41.13	-43.63	37.42	-60.34	-13.00	47.34	Vertical
3	9572.8958	39.86	-41.98	38.12	-59.26	-13.00	46.26	Vertical
4	12062.6458	36.28	-39.09	39.16	-58.90	-13.00	45.90	Vertical
5	13711.9375	34.06	-38.02	40.24	-58.98	-13.00	45.98	Vertical
6	17965.0208	29.38	-37.08	45.08	-57.88	-13.00	44.88	Vertical



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Test Band = NR CA n70A-n77A 3700-3980_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7686.8958	42.59	-45.11	36.58	-61.20	-13.00	48.20	Horizontal
2	9585.8333	39.29	-41.86	38.13	-59.70	-13.00	46.70	Horizontal
3	11480.9375	37.66	-40.02	39.30	-58.31	-13.00	45.31	Horizontal
4	13661.1458	34.65	-38.08	40.12	-58.57	-13.00	45.57	Horizontal
5	15406.75	32.32	-37.86	39.33	-61.47	-13.00	48.47	Horizontal
6	17493.0417	29.39	-36.20	42.06	-60.01	-13.00	47.01	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7239.3542	43.14	-45.67	36.17	-61.62	-13.00	48.62	Vertical
2	9201.5417	40.34	-42.97	37.78	-60.11	-13.00	47.11	Vertical
3	10748.2917	37.81	-40.64	39.17	-58.91	-13.00	45.91	Vertical
4	13651.5625	34.46	-38.11	40.10	-58.81	-13.00	45.81	Vertical
5	14898.3542	33.28	-38.39	40.18	-60.18	-13.00	47.18	Vertical
6	17964.5417	29.36	-37.08	45.07	-57.91	-13.00	44.91	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 for SA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	1.100000	0.000286	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-0.200000	-0.000052	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-4.300000	-0.001120	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VH	NT	-4.900000	-0.001276	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VN	NT	-17.800000	-0.004635	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VL	NT	-7.300000	-0.001901	PASS



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Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	5.700000	0.001484	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	3.700000	0.000964	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	1.100000	0.000286	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	1.700000	0.000443	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.300000	-0.000859	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	1.800000	0.000469	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-0.400000	-0.000104	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-2.000000	-0.000521	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	1.700000	0.000443	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-30	-1.000000	-0.000260	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-20	-2.500000	-0.000651	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-10	-6.000000	-0.001563	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	0	-2.900000	-0.000755	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	10	-6.200000	-0.001615	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	20	-1.900000	-0.000495	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	30	-3.000000	-0.000781	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	40	0.000000	0.000000	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	50	2.900000	0.000755	PASS

---End of Attachment---



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