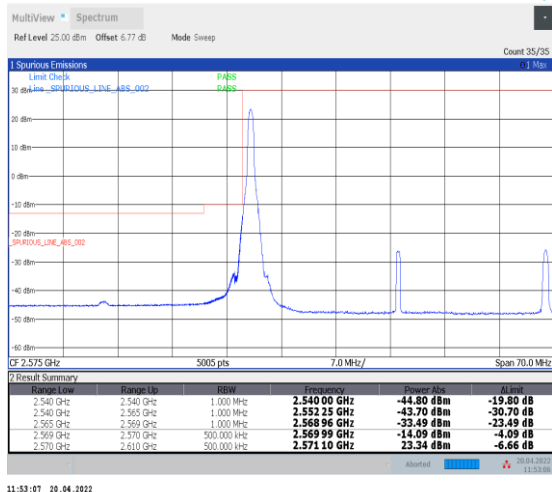


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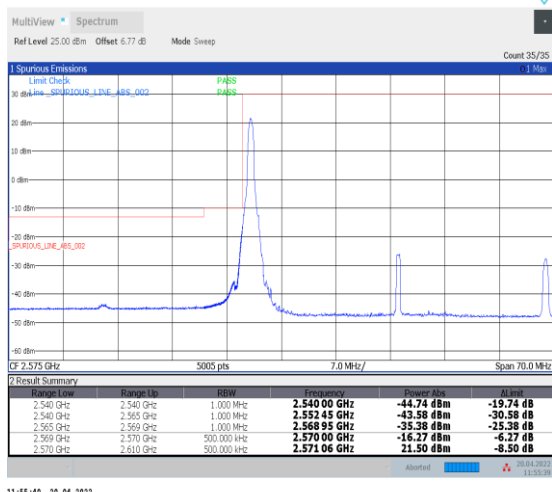
Page: 55 of 84



1-N38--30-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-PASS-see graph



1-N38--30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant0-PASS-see graph



1-N38--30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-PASS-see graph



1-N38--30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant0-PASS-see graph



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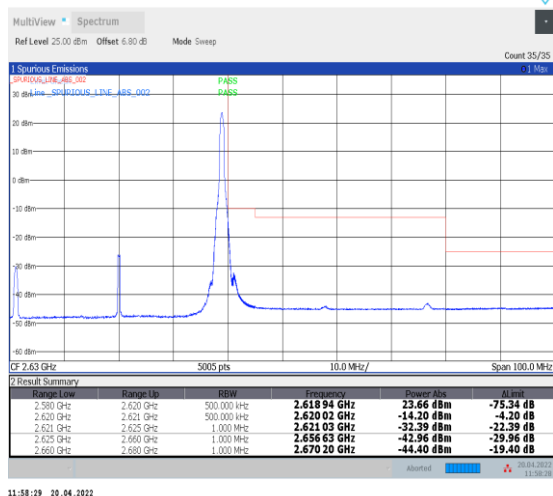
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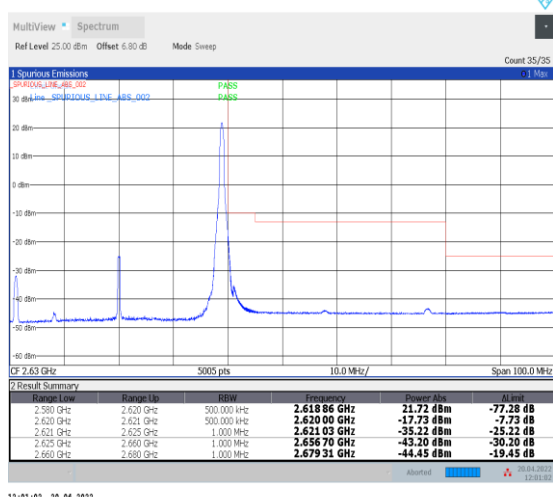
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1-N38--30-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant0-PASS-see graph



1-N38--30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant0-PASS-see graph



1-N38--30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant0-PASS-see graph



1-N38--30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant0-PASS-see graph



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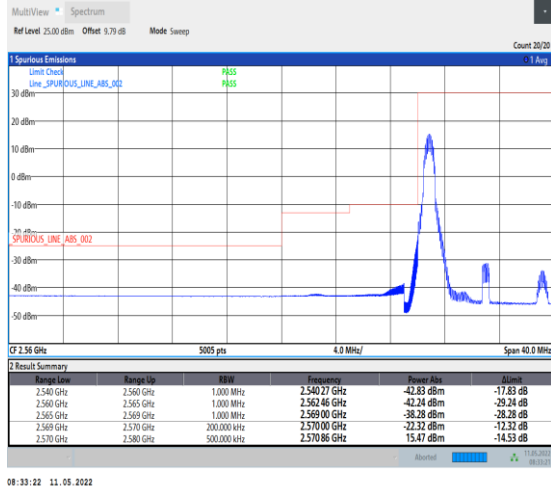
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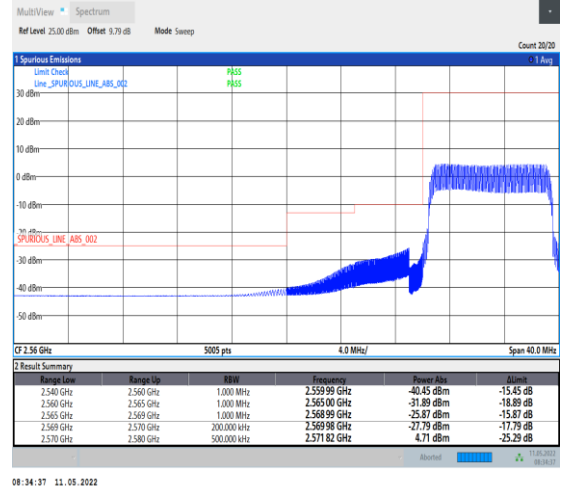
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Test Graphs



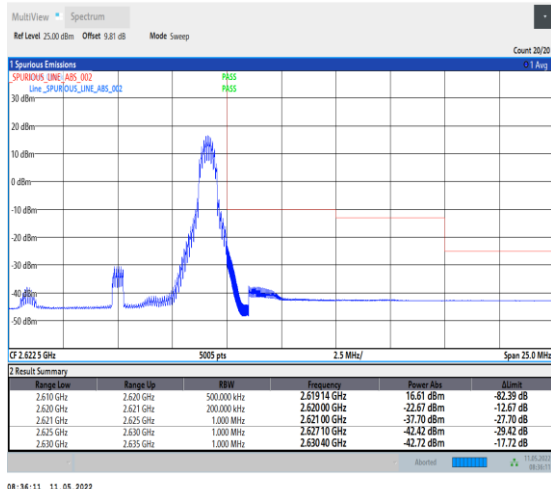
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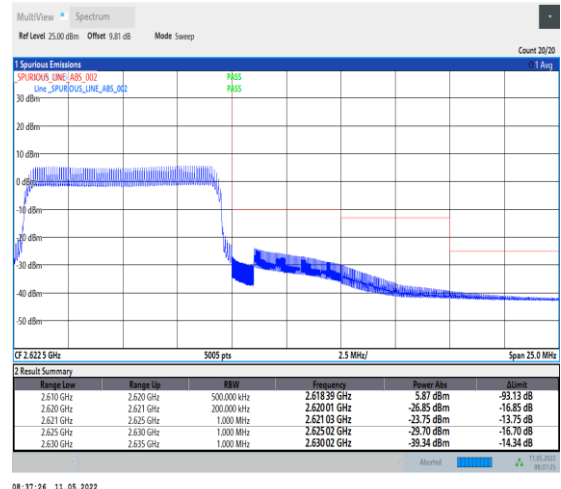
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1-N38-PC2-30-10-L-6-CP-QPSK-Outer_Full-24@
0-Ant0-PASS-see graph



08:36:11 11.05.2022

1-N38-PC2-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@
23-Ant0-PASS-see graph



08:37:26 11.05.2022

1-N38-PC2-30-10-H-6-CP-QPSK-Outer_Full-24@
0-Ant0-PASS-see graph



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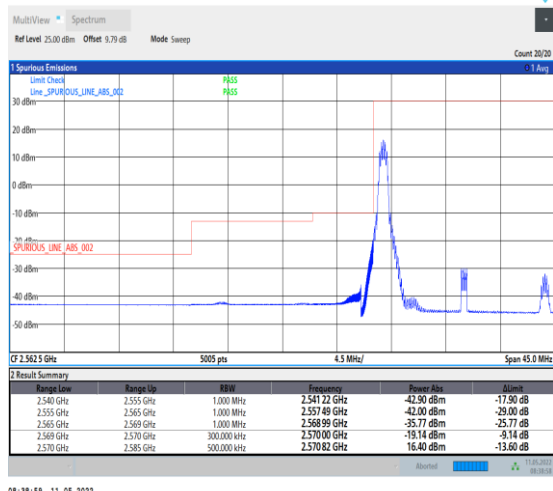
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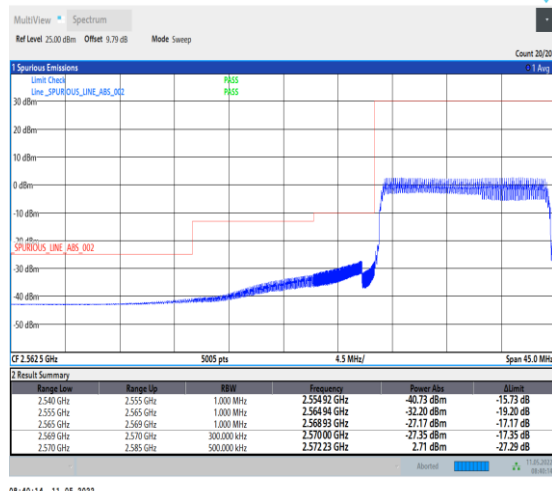
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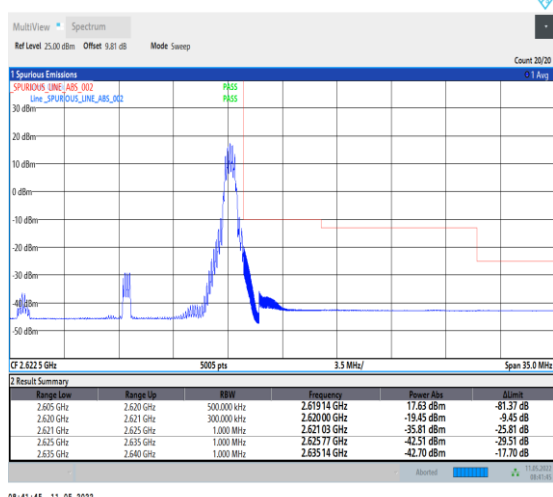
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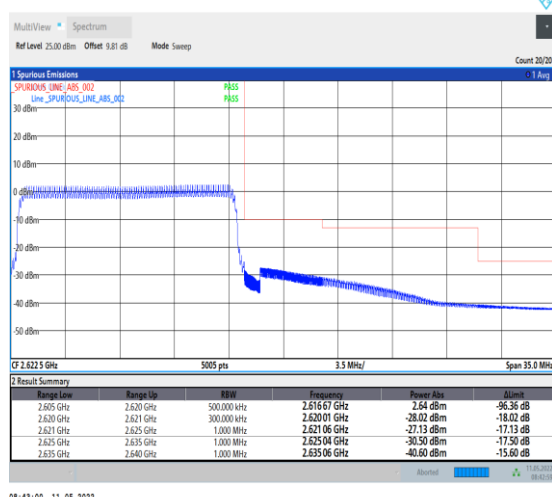
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-Ant0-PASS-see graph



1-N38-PC2-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant0-PASS-see graph



1-N38-PC2-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant0-PASS-see graph



1-N38-PC2-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant0-PASS-see graph



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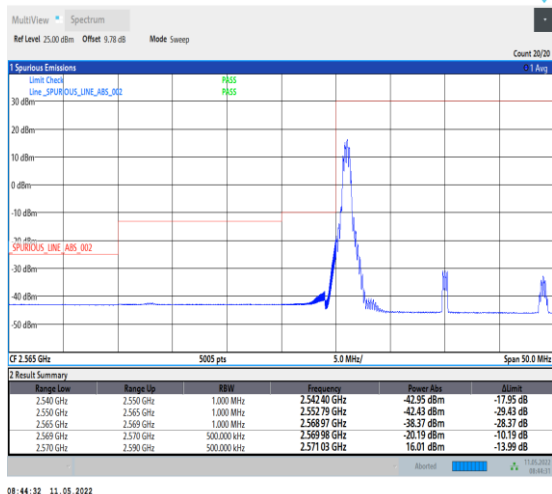
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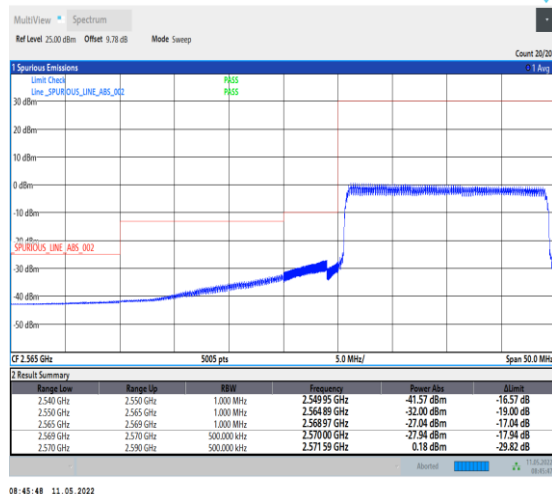
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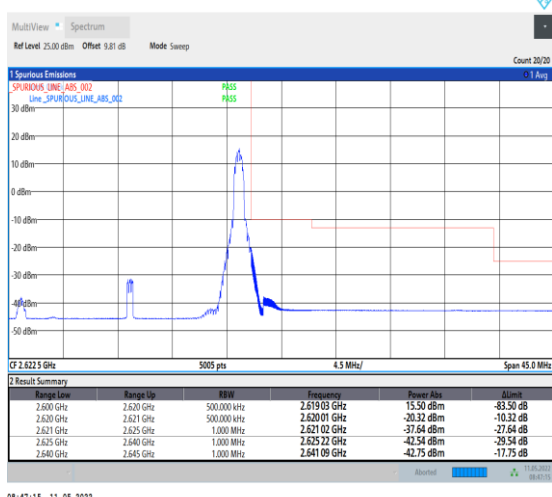
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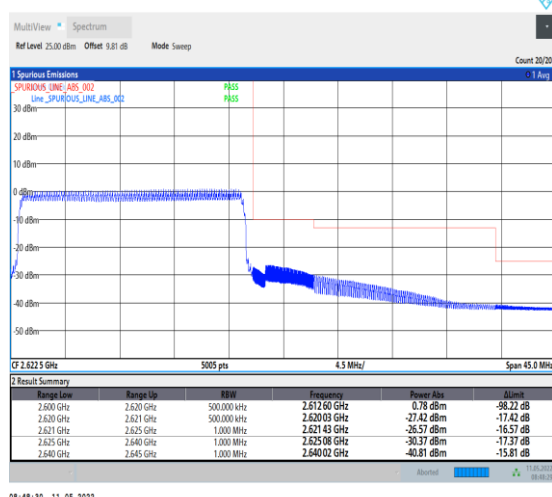
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1-N38-PC2-30-20-L-6-CP-QPSK-Outer_Full-51@
0-Ant0-PASS-see graph



1-N38-PC2-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@
50-Ant0-PASS-see graph



1-N38-PC2-30-20-H-6-CP-QPSK-Outer_Full-51@
0-Ant0-PASS-see graph



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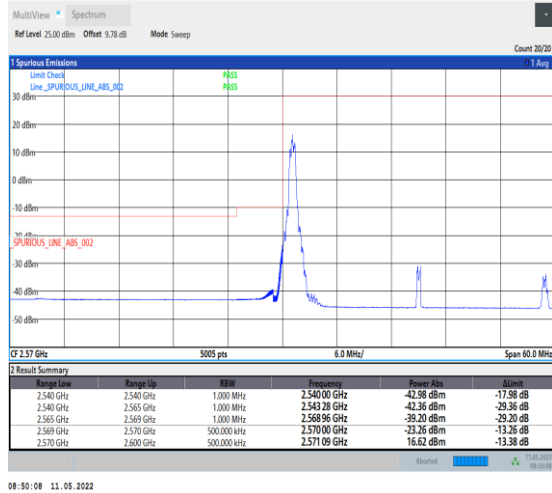
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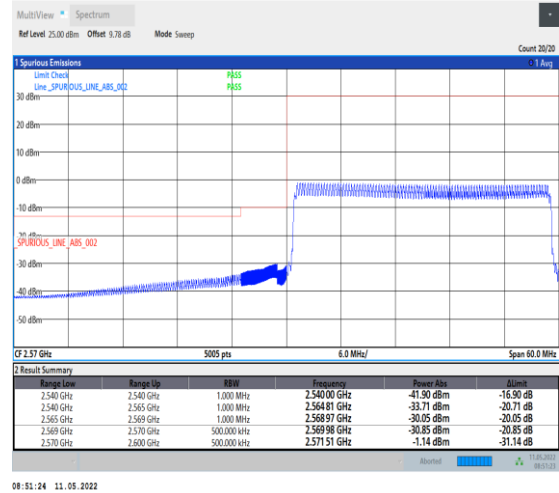
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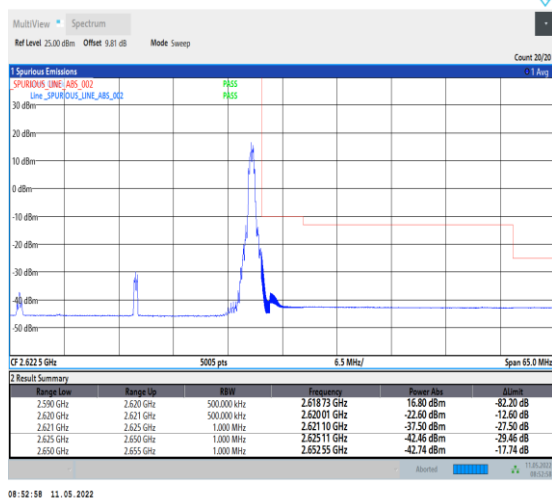
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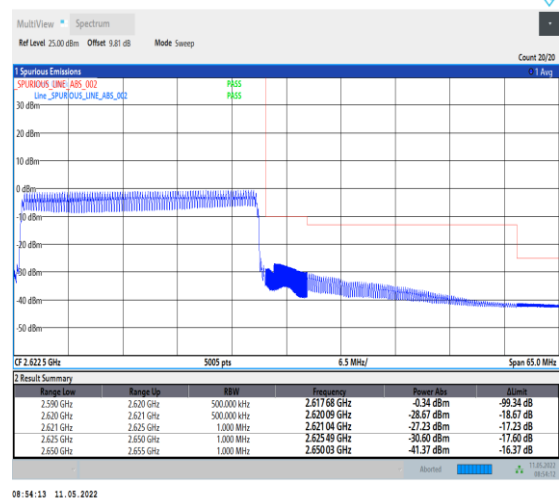
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1-N38-PC2-30-30-L-6-CP-QPSK-Outer_Full-78@
0-Ant0-PASS-see graph



1-N38-PC2-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@
77-Ant0-PASS-see graph



1-N38-PC2-30-30-H-6-CP-QPSK-Outer_Full-78@
0-Ant0-PASS-see graph



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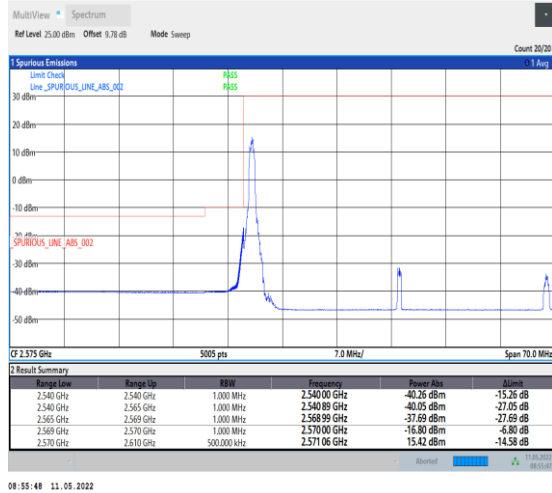
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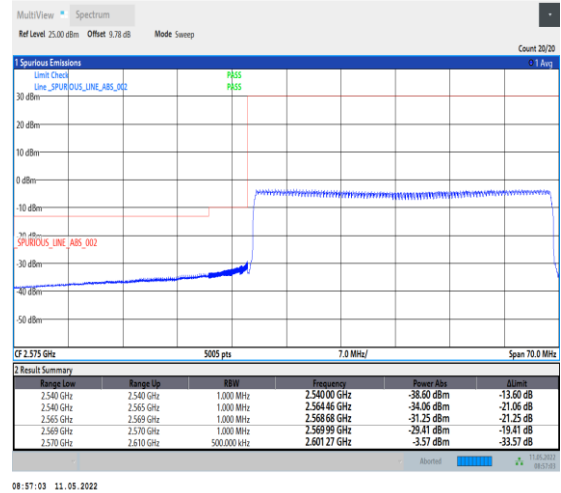
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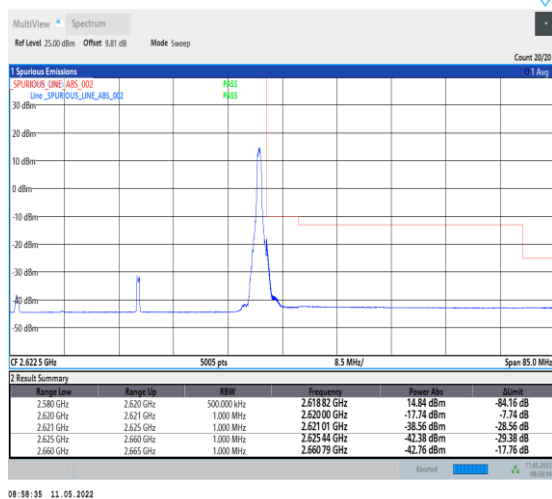
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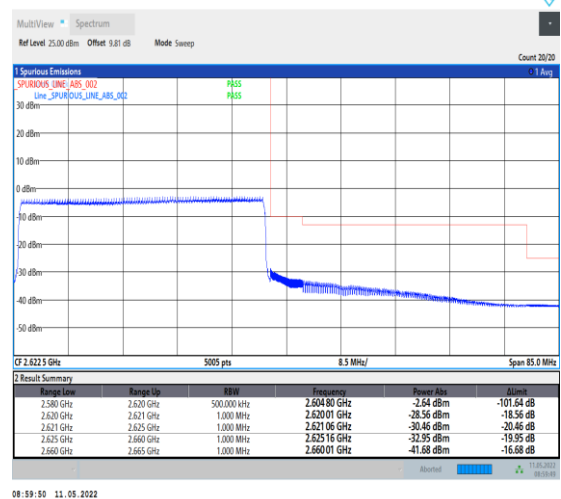
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@0-Ant0-PASS-see graph



1-N38-PC2-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@
105-Ant0-PASS-see graph



1-N38-PC2-30-40-H-6-CP-QPSK-Outer_Full-106
@0-Ant0-PASS-see graph



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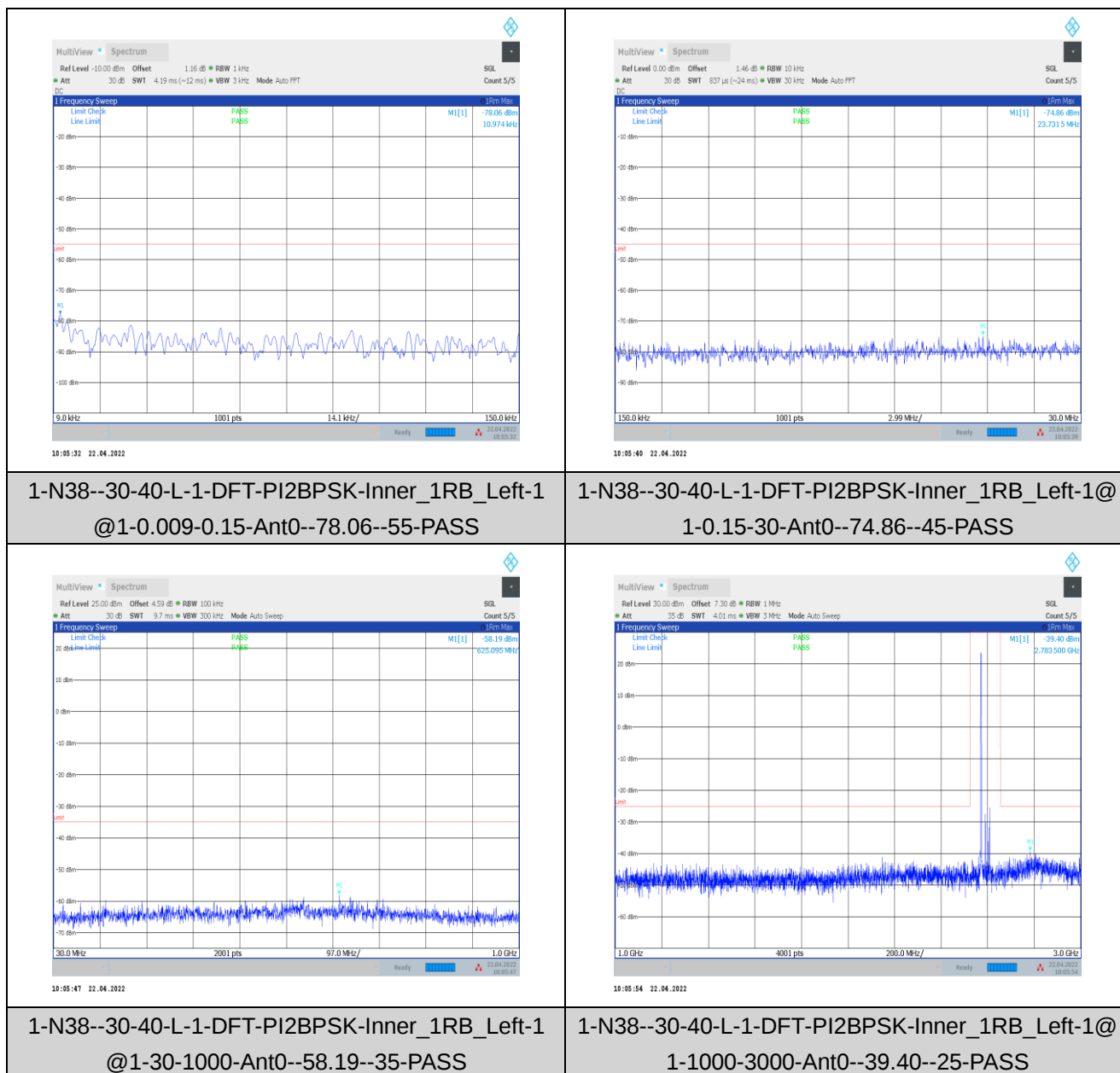
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Conducted Spurious Emission for SA

Test Graphs



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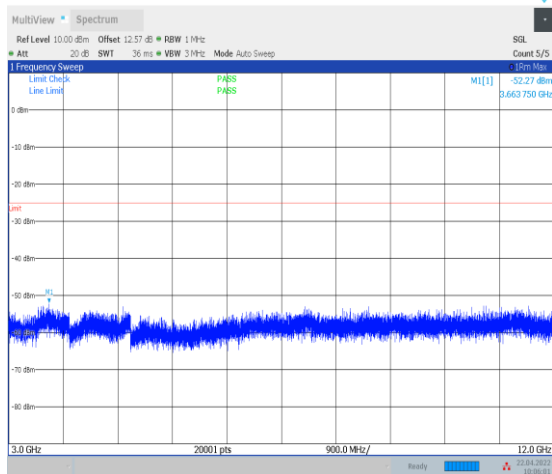
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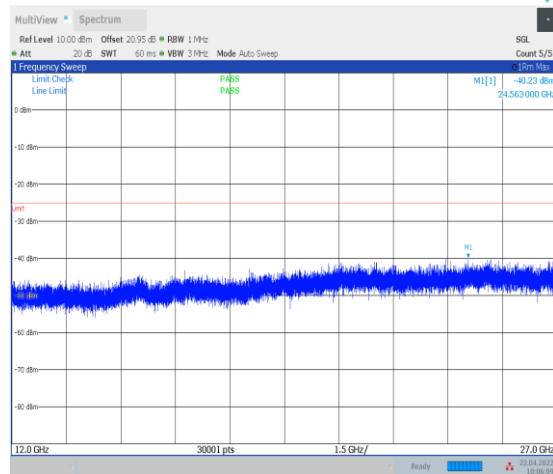
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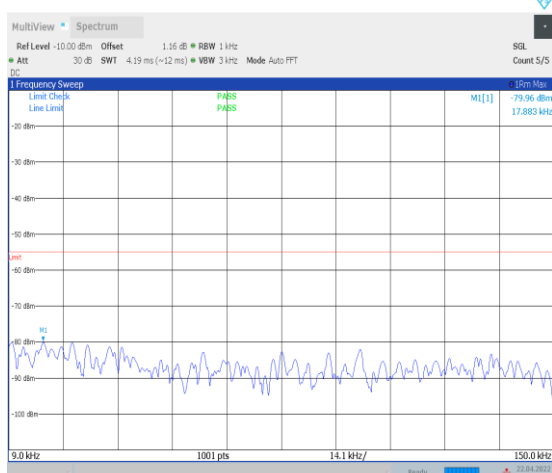
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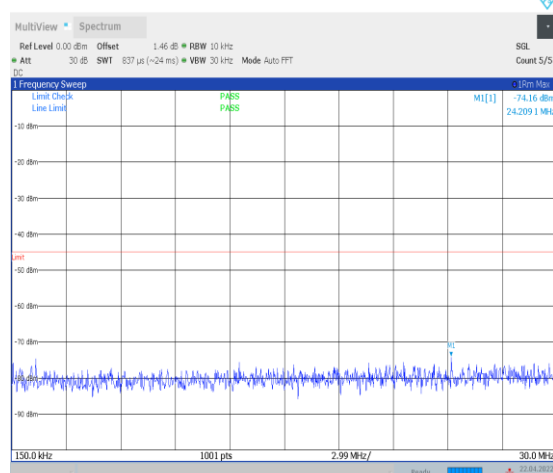
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10:06:59 22.04.2022

1-N38--30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant0--74.16--45-PASS



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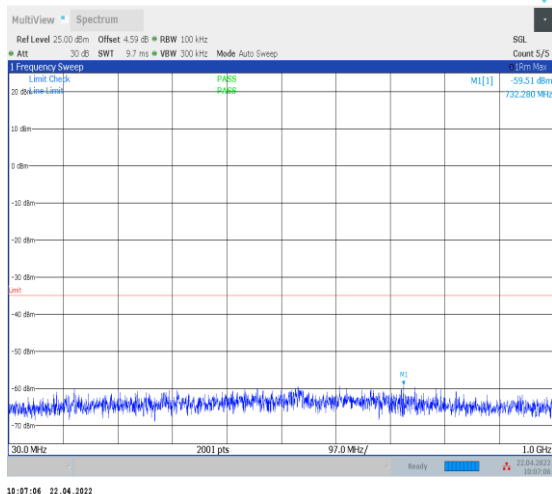
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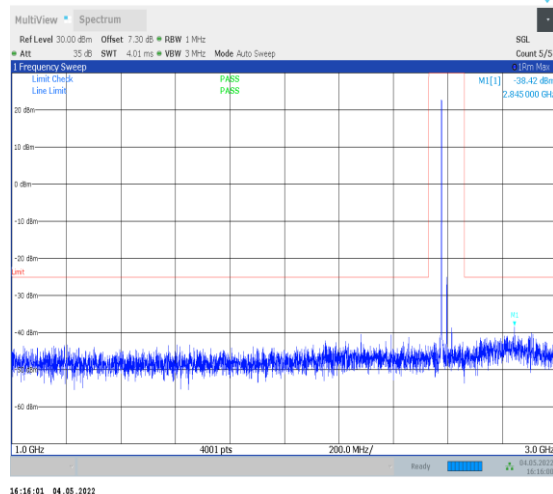
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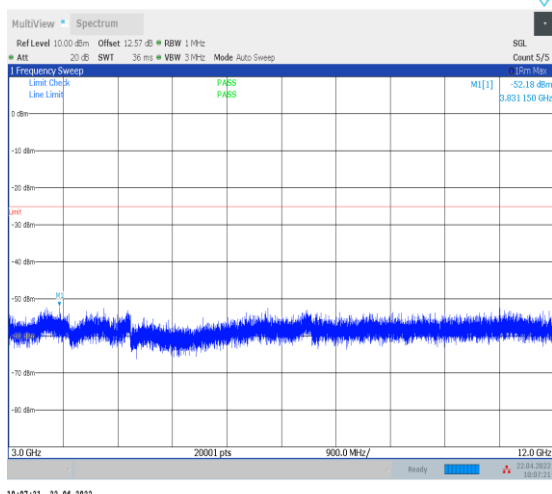
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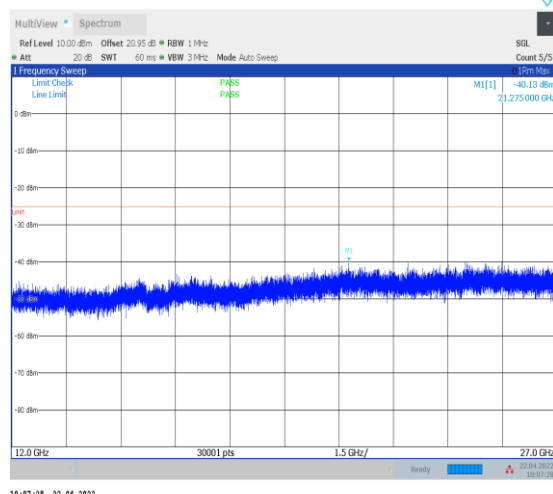
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@1-30-1000-Ant0--59.51--35-PASS



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@1-1000-3000-Ant0--39.82--25-PASS



1-N38--30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant0--52.18--25-PASS



1-N38--30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant0--40.13--25-PASS



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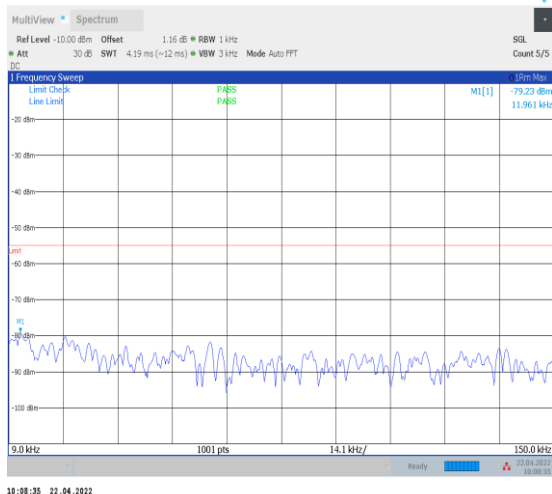
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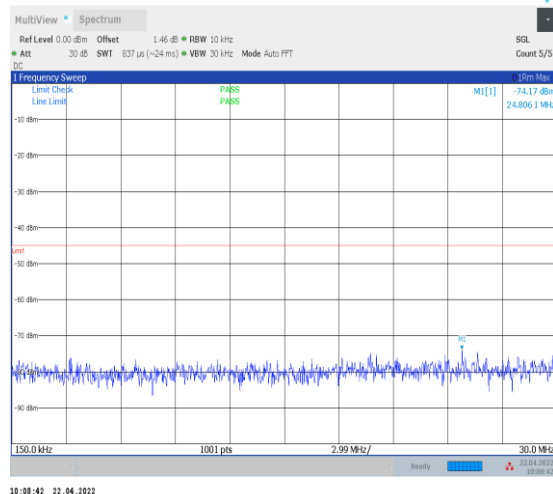
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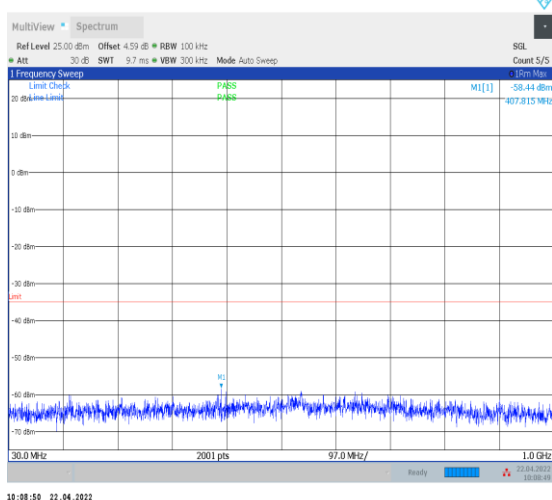
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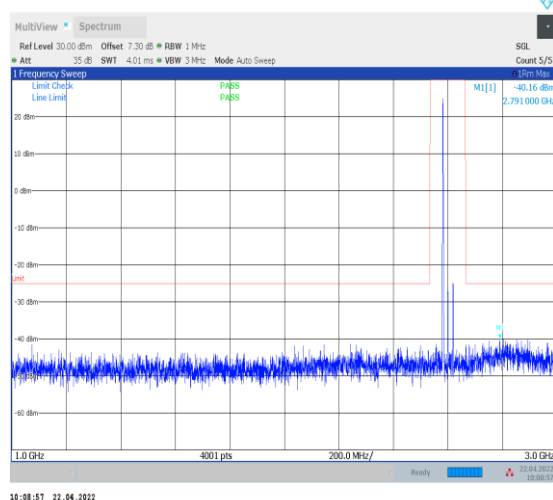
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1-N38--30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant0--74.17--45-PASS



1-N38--30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant0--58.44--35-PASS



1-N38--30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-1000-3000-Ant0--40.16--25-PASS



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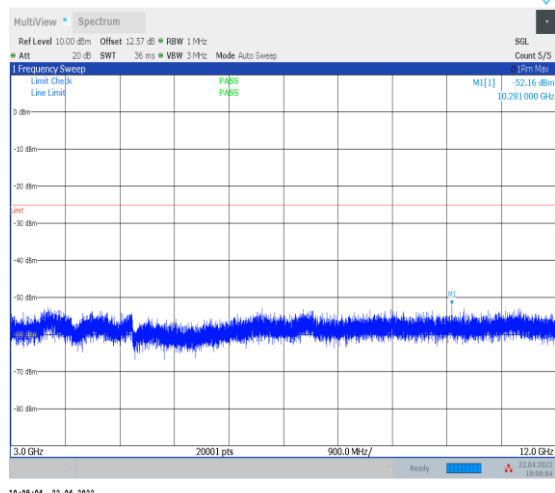
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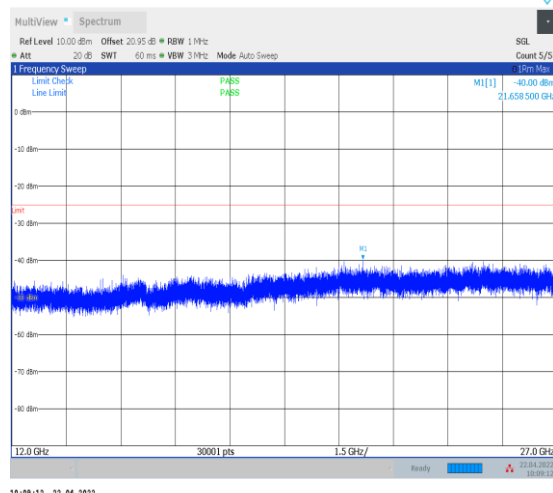
Report No.: SEWA2309000114RG02

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@1-3000-12000-Ant0--52.16--25-PASS



1-N38--30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant0--40.00--25-PASS



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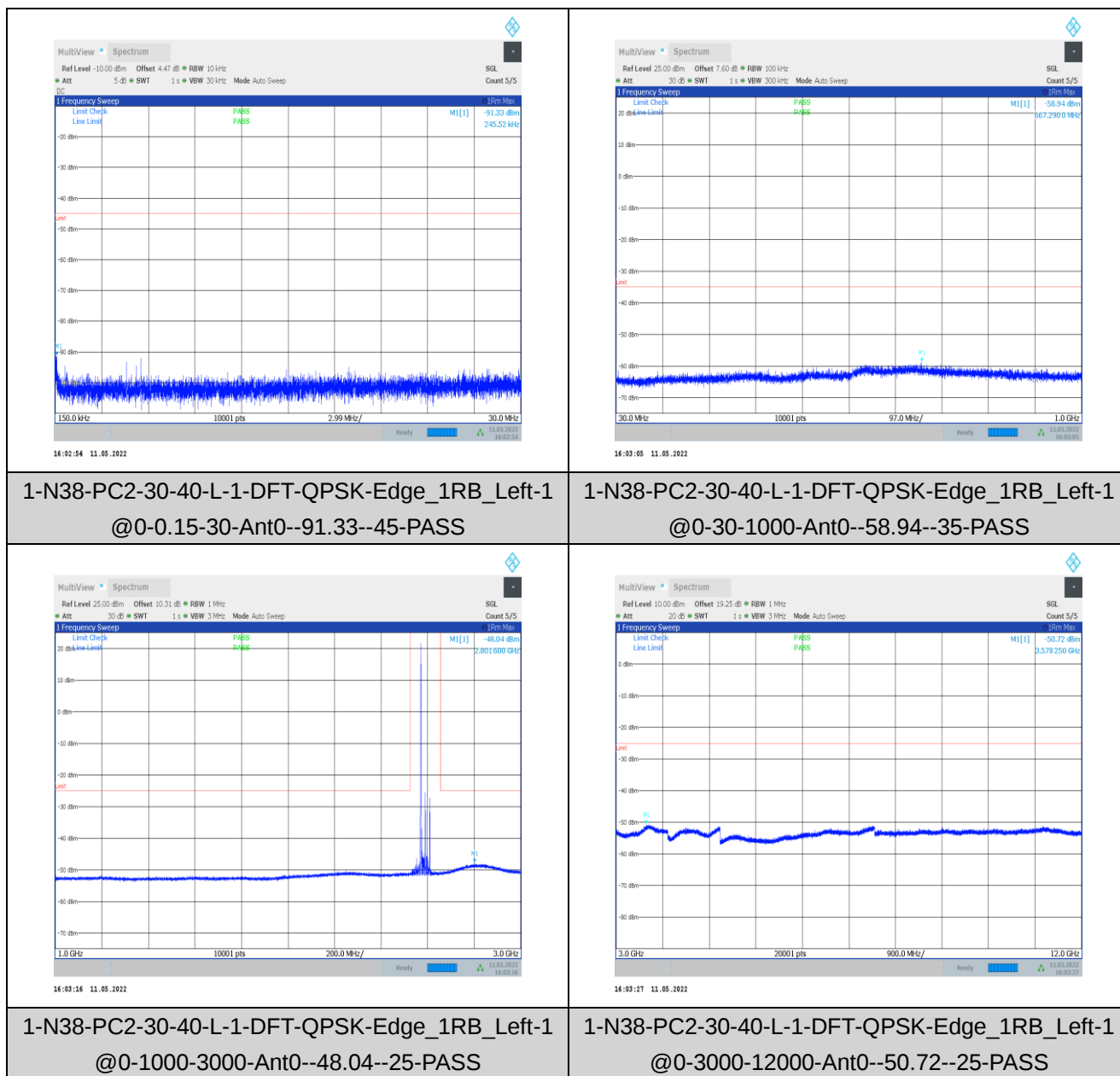
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Conducted Spurious Emission for MIMO

Test Graphs



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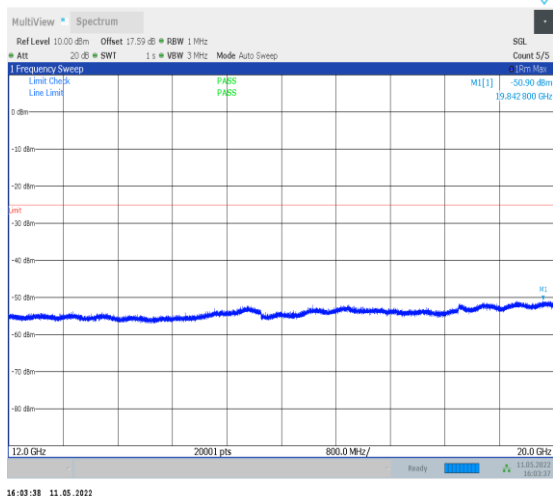
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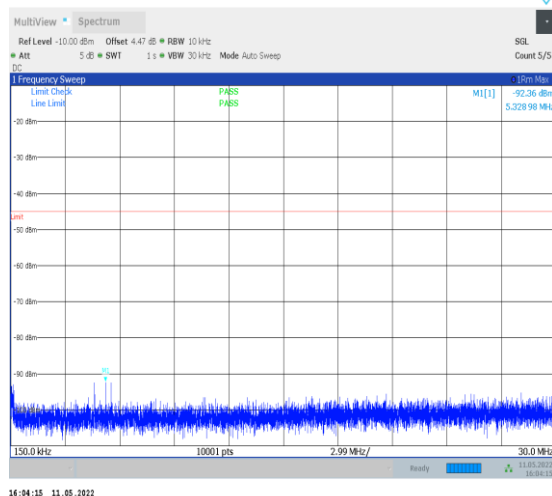
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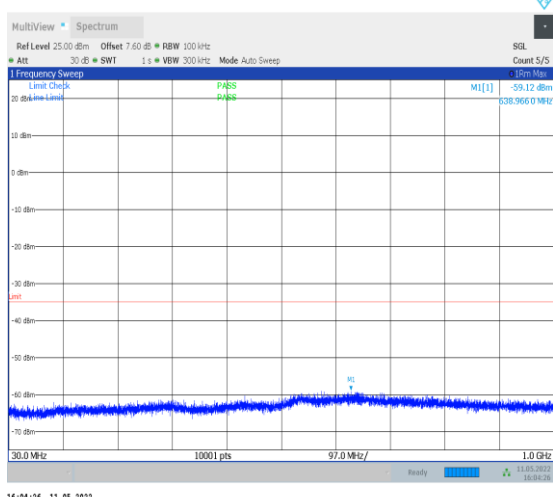
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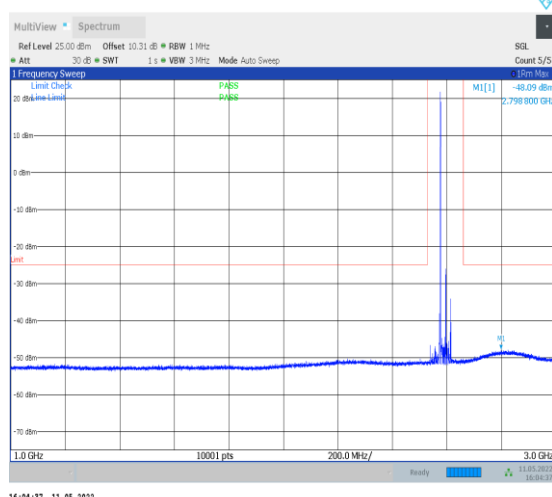
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1-N38-PC2-30-40-M-1-DFT-QPSK-Edge_1RB_Left-1
@0-0.15-30-Ant0--92.36--45-PASS



1-N38-PC2-30-40-M-1-DFT-QPSK-Edge_1RB_Left-1
@0-30-1000-Ant0--59.12--35-PASS



1-N38-PC2-30-40-M-1-DFT-QPSK-Edge_1RB_Left-1
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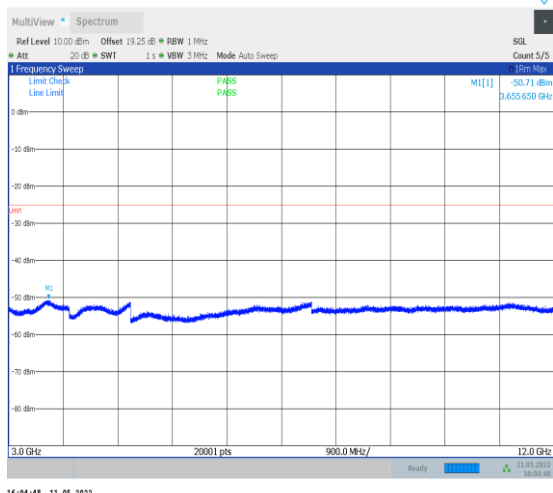
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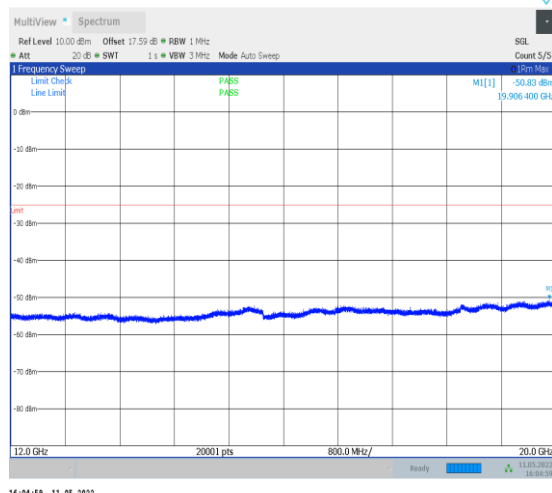
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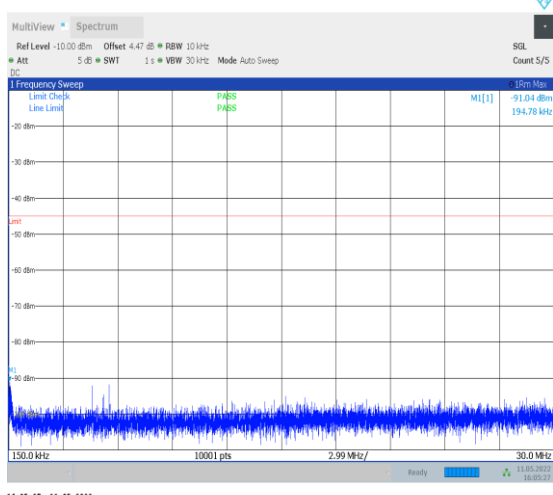
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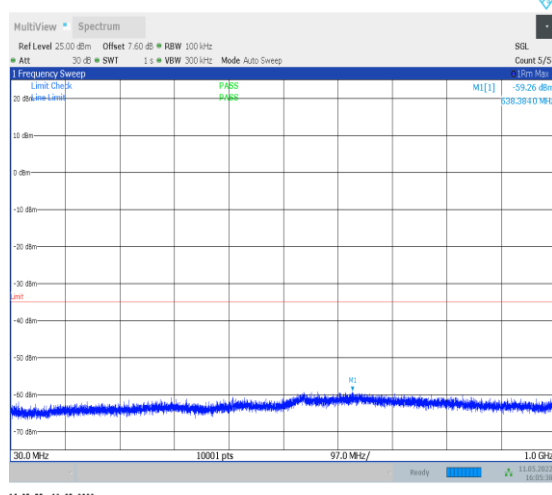
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1-N38-PC2-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant0--91.04--45-PASS



1-N38-PC2-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant0--59.26--35-PASS



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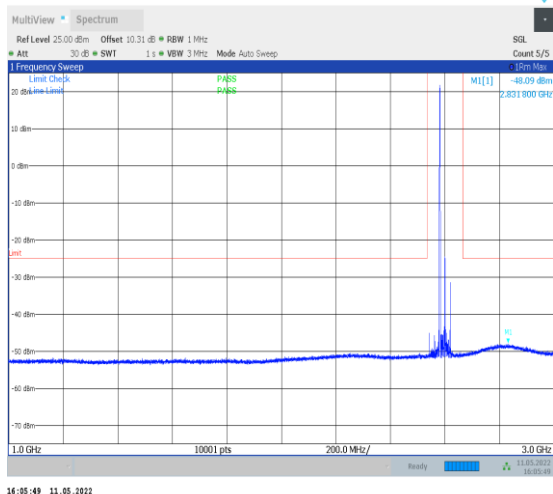
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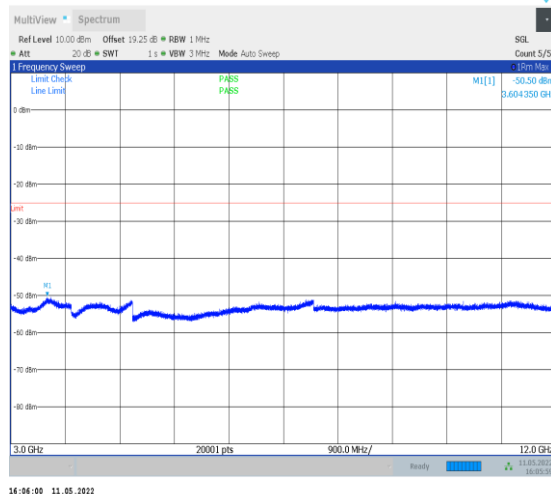
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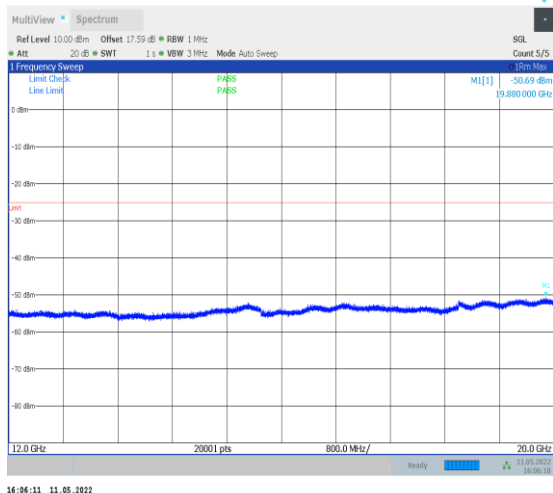
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1-N38-PC2-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1
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1-N38-PC2-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1
@0-12000-20000-Ant0--50.69--25-PASS



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Field Strength of Spurious Radiation**Test Band = NR SA Band 38_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	5144.1800	40.08	-45.33	31.75	-68.76	-25.00	43.76	Horizontal
2	7716.2700	37.87	-42.99	36.69	-63.69	-25.00	38.69	Horizontal
3	10288.3600	32.35	-39.14	38.34	-63.70	-25.00	38.70	Horizontal
4	12860.4500	27.18	-37.00	39.06	-66.02	-25.00	41.02	Horizontal
5	15432.5400	25.56	-34.11	40.39	-63.42	-25.00	38.42	Horizontal
6	17804.5	30.61	-34.62	45.92	-53.35	-25.00	28.35	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5144.1800	39.99	-45.33	31.75	-68.85	-25.00	43.85	Vertical
2	7716.2700	37.83	-42.99	36.69	-63.73	-25.00	38.73	Vertical
3	10288.3600	30.91	-39.14	38.34	-65.14	-25.00	40.14	Vertical
4	12860.4500	27.28	-37.00	39.06	-65.92	-25.00	40.92	Vertical
5	15432.5400	25.61	-34.11	40.39	-63.37	-25.00	38.37	Vertical
6	17957.5	30.98	-34.55	46.61	-52.22	-25.00	27.22	Vertical



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Test Band = NR SA Band 38_ 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	5154.1800	39.58	-45.32	31.77	-69.23	-25.00	44.23	Horizontal
2	7731.2700	37.95	-42.86	36.69	-63.48	-25.00	38.48	Horizontal
3	10308.3600	31.13	-39.08	38.35	-64.86	-25.00	39.86	Horizontal
4	12885.4500	27.44	-37.07	39.07	-65.82	-25.00	40.82	Horizontal
5	15462.5400	25.10	-34.67	40.33	-64.51	-25.00	39.51	Horizontal
6	17230.5	30.72	-35.14	43.34	-56.34	-25.00	31.34	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5172	43.39	-45.31	31.81	-65.36	-25.00	40.36	Vertical
2	7731.2700	37.98	-42.86	36.69	-63.45	-25.00	38.45	Vertical
3	10308.3600	30.94	-39.08	38.35	-65.05	-25.00	40.05	Vertical
4	12885.4500	26.48	-37.07	39.07	-66.78	-25.00	41.78	Vertical
5	15462.5400	25.92	-34.67	40.33	-63.69	-25.00	38.69	Vertical
6	17625	28.30	-33.43	45.11	-55.28	-25.00	30.28	Vertical



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Test Band = NR SA Band 38_ 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	5164.1800	40.78	-45.31	31.79	-68.00	-25.00	43.00	Horizontal
2	7746.2700	37.87	-42.74	36.70	-63.43	-25.00	38.43	Horizontal
3	10328.3600	31.72	-39.07	38.36	-64.24	-25.00	39.24	Horizontal
4	12910.4500	27.07	-37.13	39.07	-66.25	-25.00	41.25	Horizontal
5	15492.5400	24.66	-35.24	40.26	-65.57	-25.00	40.57	Horizontal
6	17958	30.79	-34.55	46.61	-52.41	-25.00	27.41	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5164.1800	40.25	-45.31	31.79	-68.53	-25.00	43.53	Vertical
2	7746.2700	38.51	-42.74	36.70	-62.79	-25.00	37.79	Vertical
3	10328.3600	31.23	-39.07	38.36	-64.73	-25.00	39.73	Vertical
4	12910.4500	27.43	-37.13	39.07	-65.89	-25.00	40.89	Vertical
5	15492.5400	24.81	-35.24	40.26	-65.42	-25.00	40.42	Vertical
6	17920.5	31.46	-34.52	46.44	-51.88	-25.00	26.88	Vertical



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Test Band = NR DC_5A_n38A_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	1296	27.40	-24.64	25.15	-67.35	-25.00	42.35	Horizontal
2	5144.1800	39.86	-45.33	31.75	-68.98	-25.00	43.98	Horizontal
3	7716.2700	38.18	-42.99	36.69	-63.38	-25.00	38.38	Horizontal
4	10288.3600	30.91	-39.14	38.34	-65.14	-25.00	40.14	Horizontal
5	12860.4500	27.05	-37.00	39.06	-66.15	-25.00	41.15	Horizontal
6	15432.5400	25.54	-34.11	40.39	-63.44	-25.00	38.44	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1367	27.07	-25.04	25.12	-68.11	-25.00	43.11	Vertical
2	5144.1800	40.16	-45.33	31.75	-68.68	-25.00	43.68	Vertical
3	7716.2700	37.40	-42.99	36.69	-64.16	-25.00	39.16	Vertical
4	10288.3600	30.09	-39.14	38.34	-65.96	-25.00	40.96	Vertical
5	12860.4500	27.17	-37.00	39.06	-66.03	-25.00	41.03	Vertical
6	15432.5400	25.14	-34.11	40.39	-63.84	-25.00	38.84	Vertical



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Test Band = NR DC_5A_n38A _ 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	1587.5	27.36	-24.95	25.19	-67.66	-25.00	42.66	Horizontal
2	3759	43.72	-45.75	28.86	-68.43	-25.00	43.43	Horizontal
3	5723	42.22	-44.83	32.64	-65.22	-25.00	40.22	Horizontal
4	8410.5	38.75	-41.47	36.59	-61.38	-25.00	36.38	Horizontal
5	11425.5	30.40	-37.35	38.74	-63.47	-25.00	38.47	Horizontal
6	16904.5	28.99	-34.36	42.00	-58.63	-25.00	33.63	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1804.5	27.09	-24.64	25.51	-67.30	-25.00	42.30	Vertical
2	4725	42.43	-45.59	30.80	-67.62	-25.00	42.62	Vertical
3	7589	40.16	-42.95	36.64	-61.42	-25.00	36.42	Vertical
4	11258	31.11	-37.41	38.73	-62.83	-25.00	37.83	Vertical
5	14355.5	28.31	-35.41	41.04	-61.31	-25.00	36.31	Vertical
6	17967.5	30.54	-34.56	46.65	-52.62	-25.00	27.62	Vertical



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Test Band = NR DC_5A_n38A _ 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	1324	27.55	-24.77	25.14	-67.34	-25.00	42.34	Horizontal
2	3599	44.14	-46.13	28.70	-68.55	-25.00	43.55	Horizontal
3	7376.5	41.20	-43.49	36.25	-61.30	-25.00	36.30	Horizontal
4	11259.5	31.08	-37.41	38.73	-62.86	-25.00	37.86	Horizontal
5	14417	27.90	-34.81	41.07	-61.10	-25.00	36.10	Horizontal
6	17908	30.87	-34.52	46.39	-52.52	-25.00	27.52	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1711.5	26.98	-24.70	25.37	-67.61	-25.00	42.61	Vertical
2	4150	43.07	-45.77	29.46	-68.50	-25.00	43.50	Vertical
3	6470	41.77	-44.55	34.20	-63.84	-25.00	38.84	Vertical
4	8420	38.34	-41.48	36.59	-61.81	-25.00	36.81	Vertical
5	11145.5	31.45	-37.71	38.71	-62.80	-25.00	37.80	Vertical
6	16455	29.66	-34.13	40.61	-59.12	-25.00	34.12	Vertical



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Test Band = NR UL CA n25A-n38A_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	48.59	-111.07	-62.48	-25.00	37.48	174	85	Horizontal
2	5144.18	51.02	-106.89	-55.87	-25.00	30.87	142	67	Horizontal
3	5553.27	50.00	-106.36	-56.36	-25.00	31.36	165	60	Horizontal
4	7404.36	48.78	-100.77	-51.99	-25.00	26.99	241	0	Horizontal
5	7716.27	49.53	-99.54	-50.01	-25.00	25.01	263	277	Horizontal
6	10288.36	44.58	-93.24	-48.66	-25.00	23.66	251	24	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	49.45	-111.07	-61.62	-25.00	36.62	142	339	Vertical
2	5144.18	50.28	-106.89	-56.61	-25.00	31.61	263	1	Vertical
3	5553.27	50.58	-106.36	-55.78	-25.00	30.78	284	36	Vertical
4	7404.36	48.49	-100.77	-52.28	-25.00	27.28	176	202	Vertical
5	7716.27	49.05	-99.54	-50.49	-25.00	25.49	241	82	Vertical
6	10288.36	44.48	-93.24	-48.76	-25.00	23.76	263	219	Vertical



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Test Band = NR UL CA n25A-n38A_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	742.18	42.14	-94.72	-52.58	-25.00	27.58	142	284	Horizontal
2	5154.18	50.19	-106.87	-56.68	-25.00	31.68	174	52	Horizontal
3	5613.27	49.95	-106.14	-56.19	-25.00	31.19	263	0	Horizontal
4	7484.36	49.05	-100.43	-51.38	-25.00	26.38	251	140	Horizontal
5	7731.27	48.86	-99.40	-50.54	-25.00	25.54	265	290	Horizontal
6	10308.36	44.18	-93.22	-49.04	-25.00	24.04	241	70	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	742.18	41.72	-94.72	-53.00	-25.00	28.00	142	49	Vertical
2	5154.18	49.74	-106.87	-57.13	-25.00	32.13	263	281	Vertical
3	5613.27	50.83	-106.14	-55.31	-25.00	30.31	284	148	Vertical
4	7484.36	47.89	-100.43	-52.54	-25.00	27.54	176	121	Vertical
5	7731.27	49.95	-99.40	-49.45	-25.00	24.45	254	237	Vertical
6	10308.36	43.78	-93.22	-49.44	-25.00	24.44	122	159	Vertical



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Test Band = NR UL CA n25A-n38A_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.18	49.82	-110.61	-60.79	-25.00	35.79	174	331	Horizontal
2	5164.18	49.81	-106.86	-57.05	-25.00	32.05	142	146	Horizontal
3	5688.27	49.72	-105.81	-56.09	-25.00	31.09	163	105	Horizontal
4	7584.36	48.47	-99.90	-51.43	-25.00	26.43	241	69	Horizontal
5	7746.27	49.82	-99.27	-49.45	-25.00	24.45	263	306	Horizontal
6	10328.36	43.27	-93.13	-49.86	-25.00	24.86	254	340	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.18	49.69	-110.61	-60.92	-25.00	35.92	142	0	Vertical
2	5164.18	50.12	-106.86	-56.74	-25.00	31.74	263	17	Vertical
3	5688.27	51.17	-105.81	-54.64	-25.00	29.64	284	306	Vertical
4	7584.36	49.21	-99.90	-50.69	-25.00	25.69	176	173	Vertical
5	7746.27	49.48	-99.27	-49.79	-25.00	24.79	241	269	Vertical
6	10328.36	43.89	-93.13	-49.24	-25.00	24.24	152	96	Vertical



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Test on the worst case for SEWM2304000122RG02:

Test Band = DC_5A-n38A_TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.18	49.60	-44.23	32.60	-57.29	-25.00	32.29	163	341	Horizontal
2	7716.27	49.80	-41.21	36.93	-49.74	-25.00	24.74	254	176	Horizontal
3	10288.36	44.62	-36.80	38.82	-48.62	-25.00	23.62	175	150	Horizontal
4	12860.45	42.86	-34.95	39.46	-47.89	-25.00	22.89	263	105	Horizontal
5	15432.54	41.88	-33.97	38.64	-48.71	-25.00	23.71	284	253	Horizontal
6	17695.7143	46.34	-31.01	41.38	-38.54	-25.00	13.54	176	87	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	5144.18	50.35	-44.23	32.60	-56.54	-25.00	31.54	142	96	Vertical
2	7716.27	49.42	-41.21	36.93	-50.12	-25.00	25.12	263	350	Vertical
3	10288.36	44.55	-36.80	38.82	-48.69	-25.00	23.69	251	357	Vertical
4	12860.45	44.17	-34.95	39.46	-46.58	-25.00	21.58	175	211	Vertical
5	15432.54	41.17	-33.97	38.64	-49.42	-25.00	24.42	284	226	Vertical
6	17877.8571	42.30	-31.00	42.11	-41.85	-25.00	16.85	199	357	Vertical



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Test Band = DC_5A-n38A_TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5154.18	50.43	-44.21	32.60	-56.44	-25.00	31.44	145	6	Horizontal
2	7731.27	49.06	-41.11	36.96	-50.34	-25.00	25.34	163	1	Horizontal
3	10308.36	43.48	-36.80	38.84	-49.74	-25.00	24.74	254	12	Horizontal
4	12885.45	43.09	-34.89	39.49	-47.57	-25.00	22.57	178	357	Horizontal
5	15462.54	42.45	-34.06	38.60	-48.27	-25.00	23.27	264	331	Horizontal
6	17695.7143	46.47	-31.01	41.38	-38.41	-25.00	13.41	142	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	5154.18	50.18	-44.21	32.60	-56.69	-25.00	31.69	142	321	Vertical
2	7731.27	49.05	-41.11	36.96	-50.35	-25.00	25.35	263	198	Vertical
3	10308.36	43.74	-36.80	38.84	-49.48	-25.00	24.48	285	296	Vertical
4	12885.45	43.84	-34.89	39.49	-46.82	-25.00	21.82	241	102	Vertical
5	15462.54	42.35	-34.06	38.60	-48.37	-25.00	23.37	175	312	Vertical
6	17914.2857	42.48	-31.11	42.26	-41.64	-25.00	16.64	266	1	Vertical



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Test Band = DC_5A-n38A_TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5164.18	49.75	-44.20	32.60	-57.11	-25.00	32.11	142	244	Horizontal
2	7746.27	49.04	-41.00	36.99	-50.23	-25.00	25.23	263	0	Horizontal
3	10328.36	44.26	-36.73	38.86	-48.87	-25.00	23.87	284	192	Horizontal
4	12910.45	43.39	-34.87	39.51	-47.23	-25.00	22.23	176	166	Horizontal
5	15492.54	41.32	-34.15	38.56	-49.53	-25.00	24.53	251	123	Horizontal
6	17695.7143	46.48	-31.01	41.38	-38.40	-25.00	13.40	144	228	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	5164.18	49.11	-44.20	32.60	-57.75	-25.00	32.75	263	357	Vertical
2	7746.27	48.77	-41.00	36.99	-50.50	-25.00	25.50	251	122	Vertical
3	10328.36	42.85	-36.73	38.86	-50.28	-25.00	25.28	263	59	Vertical
4	12910.45	43.17	-34.87	39.51	-47.45	-25.00	22.45	255	193	Vertical
5	15492.54	41.44	-34.15	38.56	-49.41	-25.00	24.41	144	148	Vertical
6	17850	42.30	-30.93	42.00	-41.90	-25.00	16.90	255	17	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-2.000000	-0.000771	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-0.400000	-0.000154	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	3.100000	0.001195	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VH	NT	1.600000	0.000617	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VN	NT	-0.400000	-0.000154	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VL	NT	1.100000	0.000424	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-2.500000	-0.000963	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	8.200000	0.003160	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-0.600000	-0.000231	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-2.600000	-0.001002	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	1.200000	0.000462	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	1.800000	0.000694	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	7.800000	0.003006	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-0.500000	-0.000193	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	2.500000	0.000963	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-30	-1.600000	-0.000617	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-20	0.500000	0.000193	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-10	-0.500000	-0.000193	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	0	6.900000	0.002659	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	10	6.300000	0.002428	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	20	5.600000	0.002158	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	30	-1.400000	-0.000539	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	40	-1.100000	-0.000424	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	50	-2.300000	-0.000886	PASS

---End of Attachment---



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