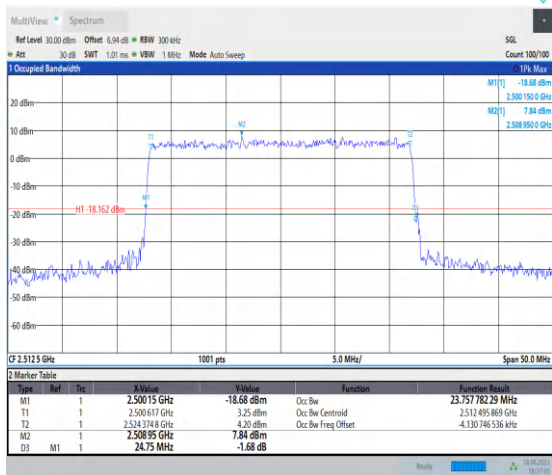


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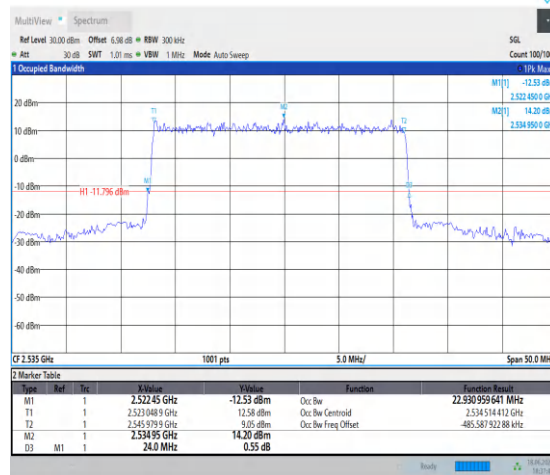
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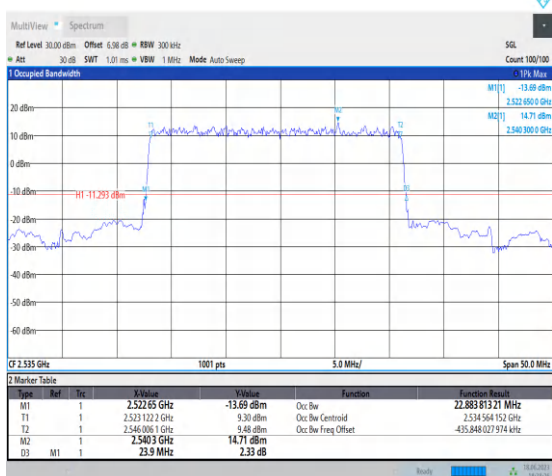
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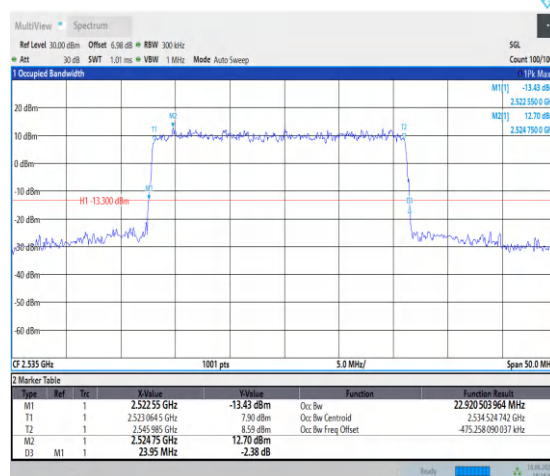
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18:38:26 18.06.2023

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18:38:46 18.06.2023

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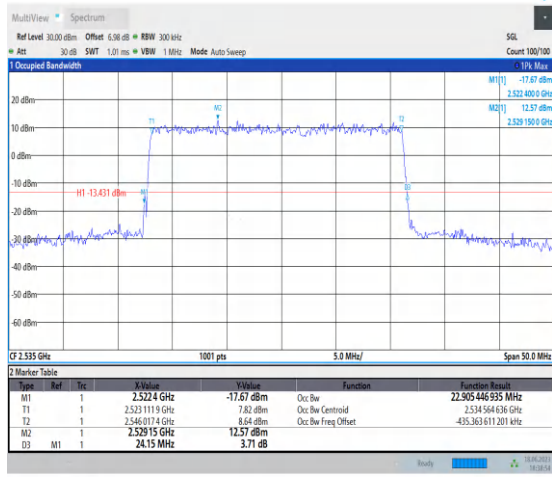
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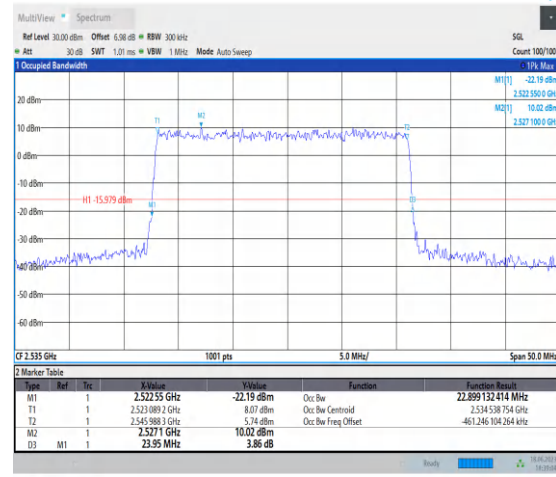
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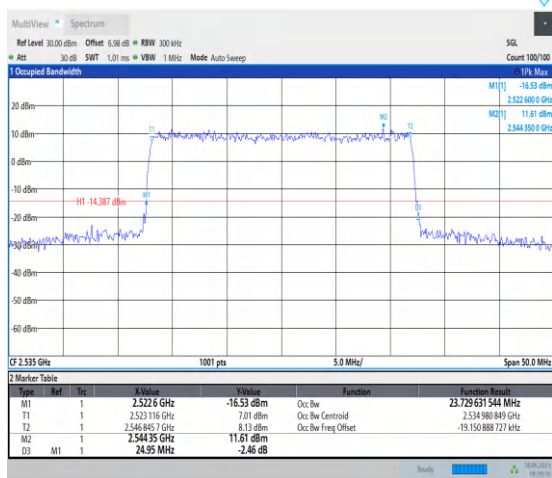
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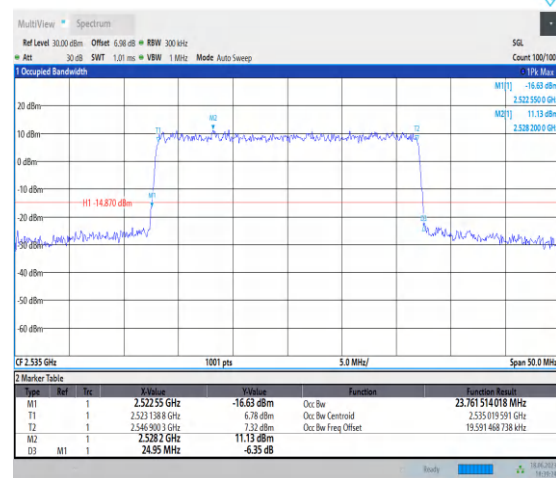
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18:39:17 18.06.2023

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18:39:25 18.06.2023

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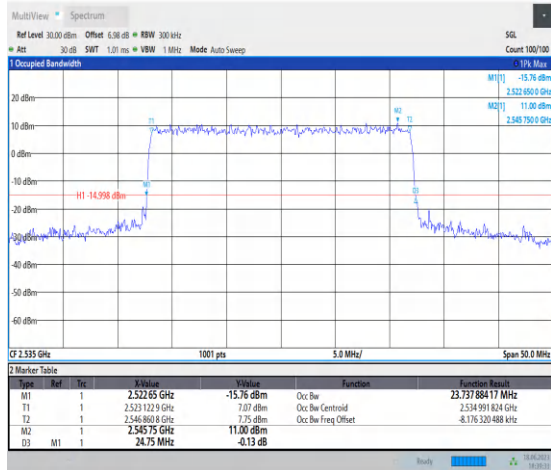
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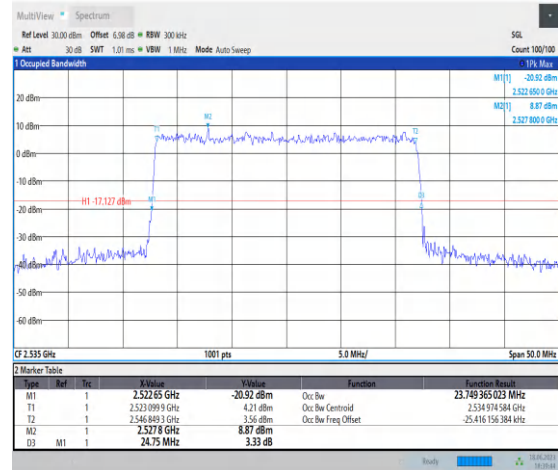
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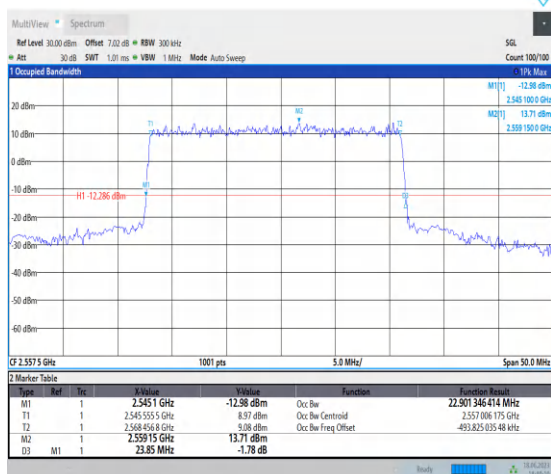
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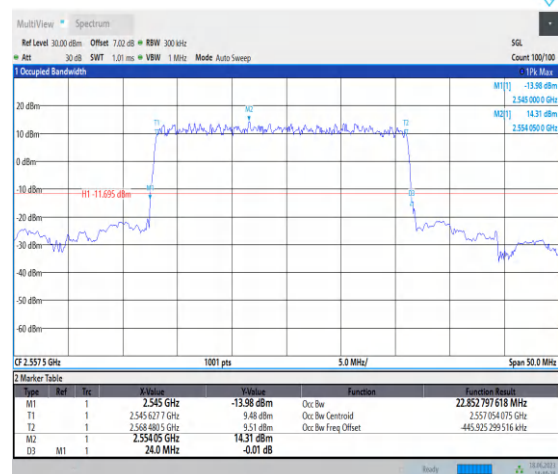
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18:40:11 18.06.2023

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18:40:29 18.06.2023

1-N7-PC3-15-25-H-2-DFT-PI2BPSK-Outer_Full-128
@0-Ant0-22.853-24.000-≤25-PASS



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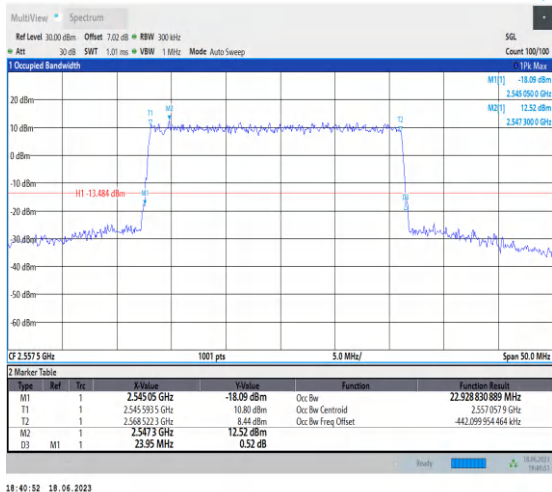
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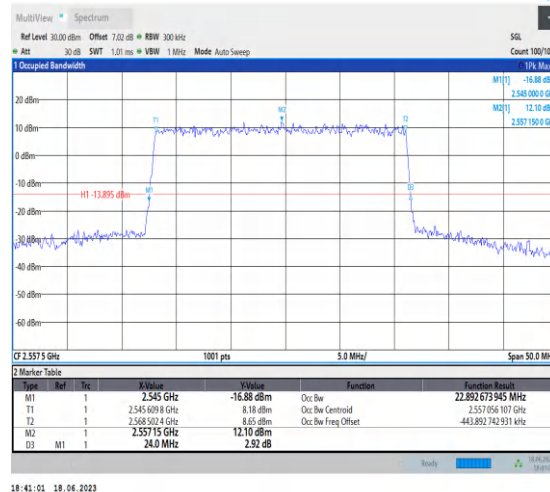
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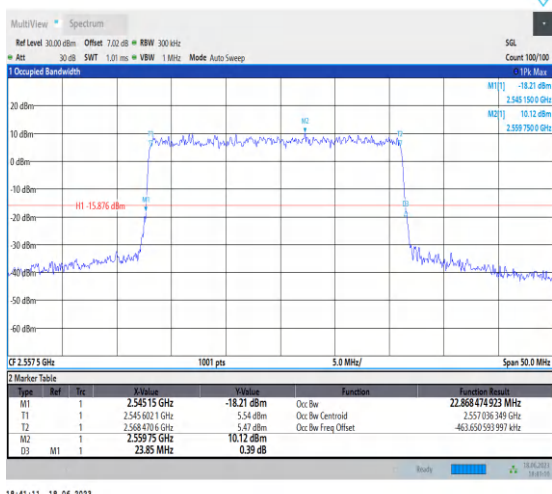
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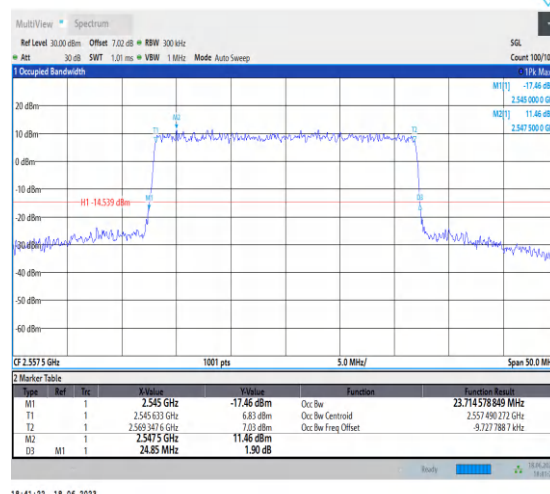
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18:41:11 18.06.2023

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18:41:22 18.06.2023

1-N7-PC3-15-25-H-6-CP-QPSK-Outer_Full-133@0-
Ant0-23.715-24.850-≤25-PASS



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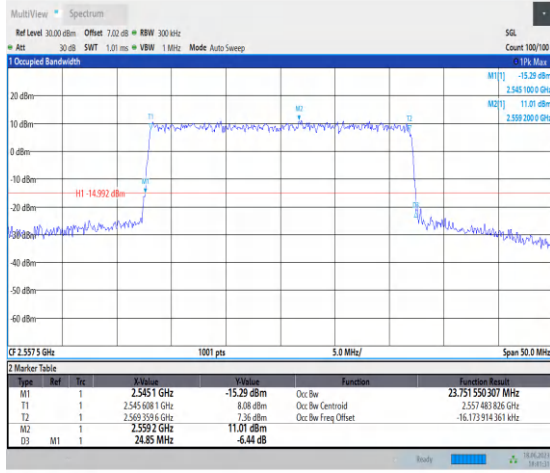
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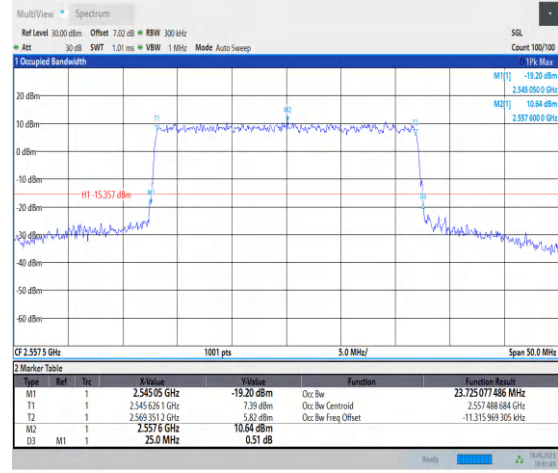
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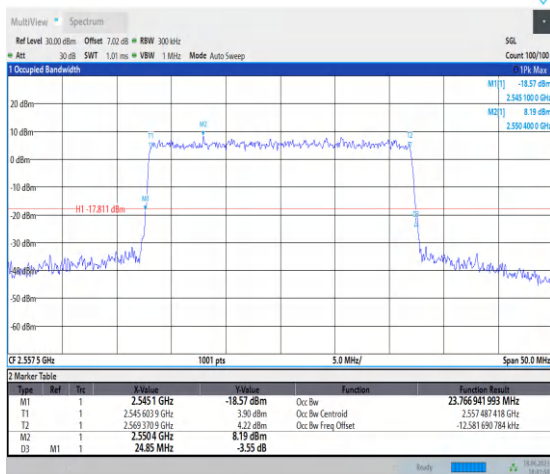
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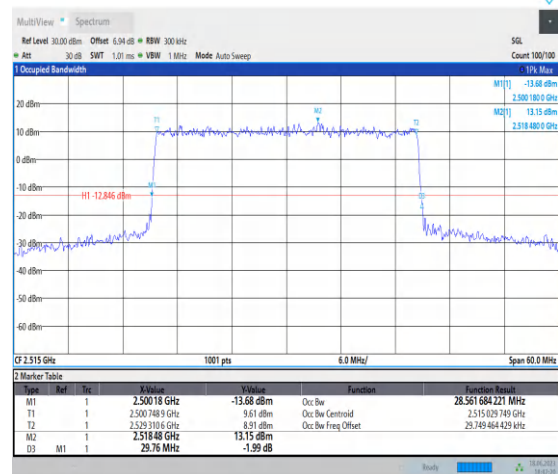
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18:41:50 18.06.2023

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18:42:21 18.06.2023

1-N7-PC3-15-30-L-1-DFT-QPSK-Outer_Full-160@0-Ant0-28.562-29.760-≤30-PASS



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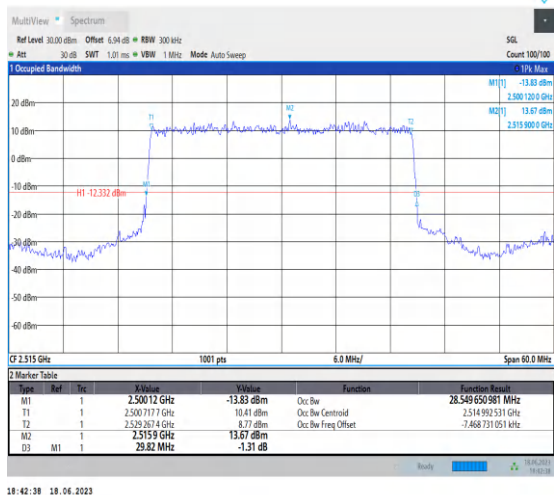
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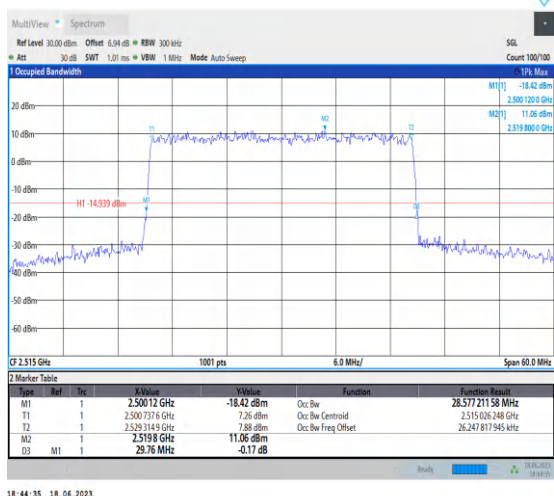
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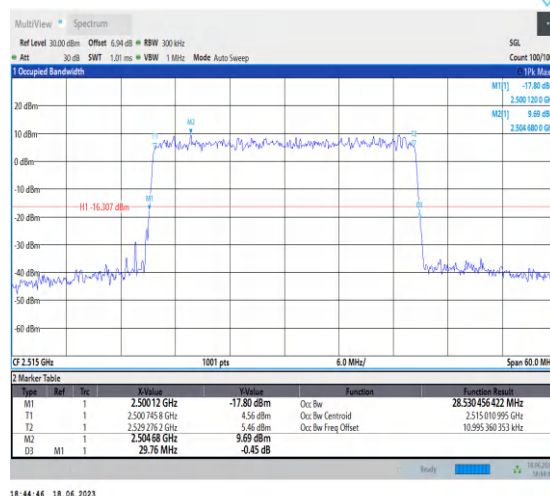
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18:44:35 18.06.2023

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18:44:46 18.06.2023

1-N7-PC3-15-30-L-5-DFT-256QAM-Out_160@0-Ant0-28.53-29.760-≤30-PASS



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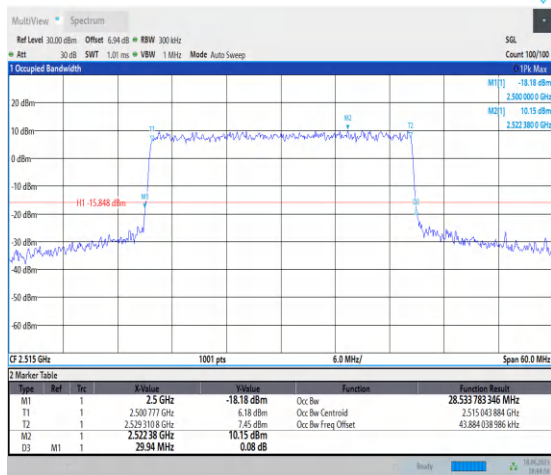
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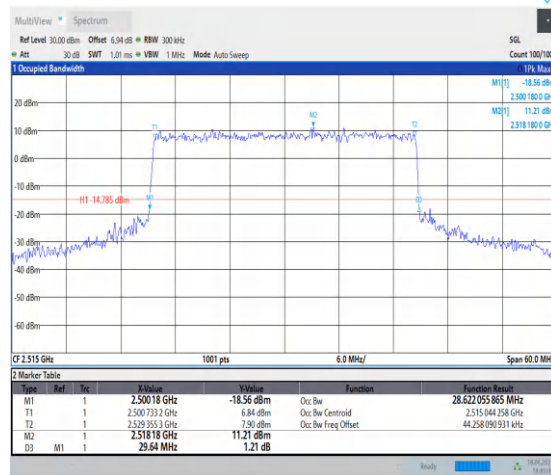
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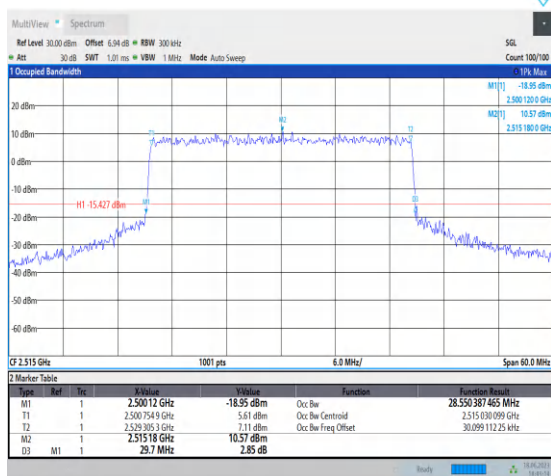
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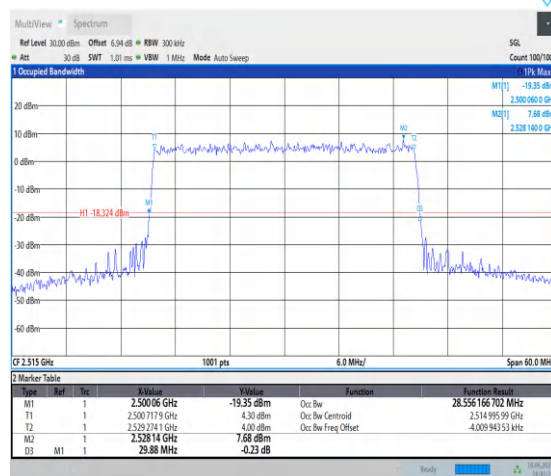
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18:45:15 18.06.2023

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18:45:25 18.06.2023

1-N7-PC3-15-30-L-9-CP-256QAM-Outter_Full-160@0-
-Ant0-28.556-29.880-≤30-PASS



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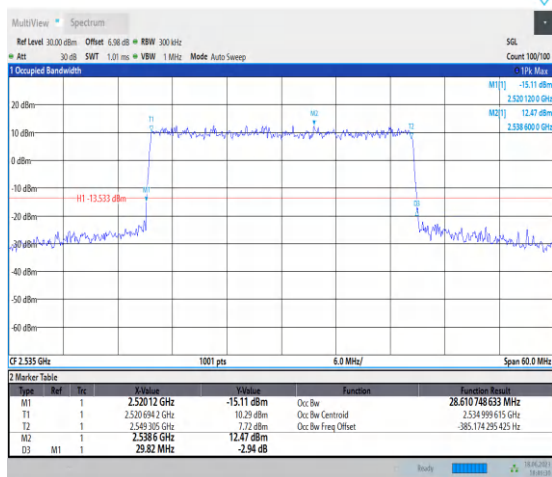
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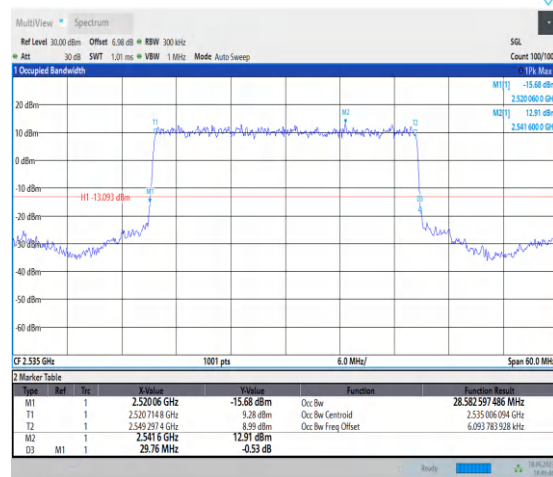
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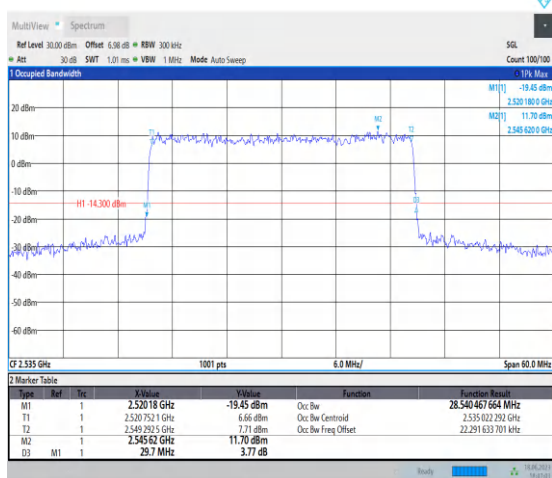
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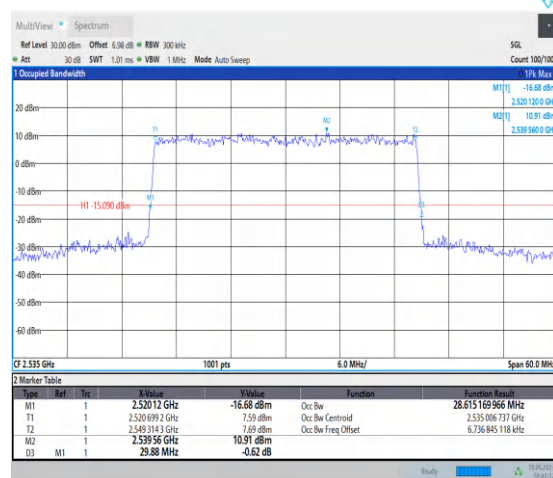
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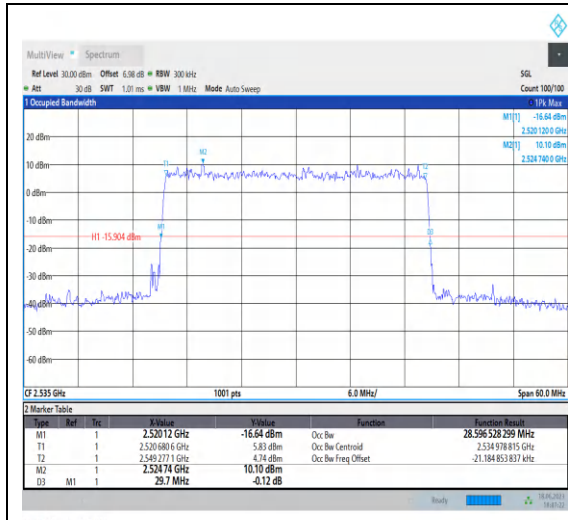
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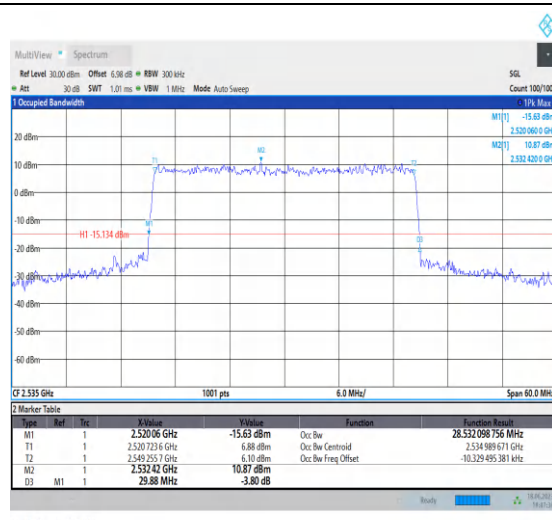
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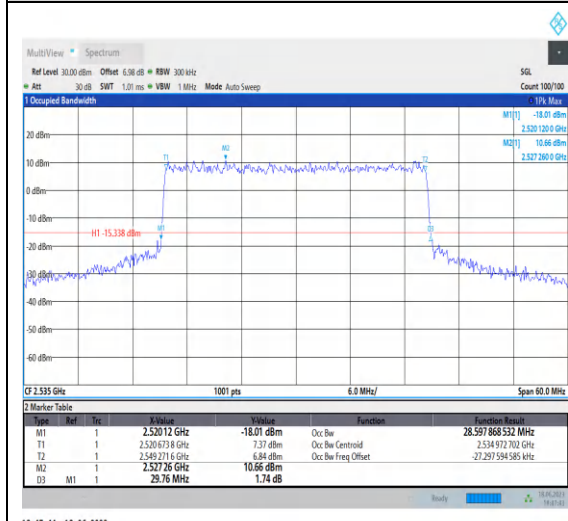
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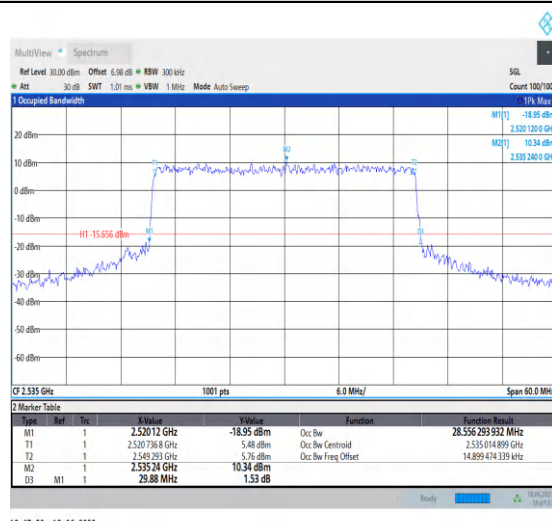
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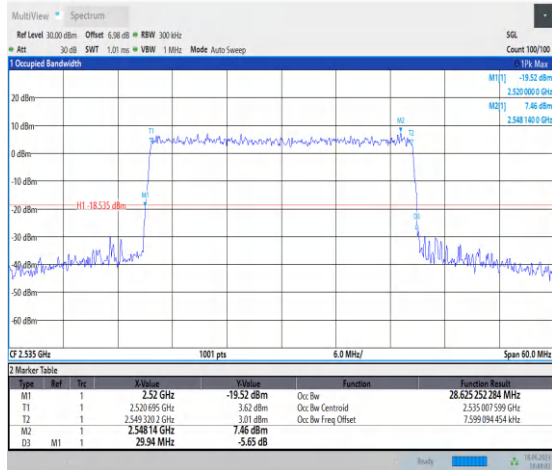
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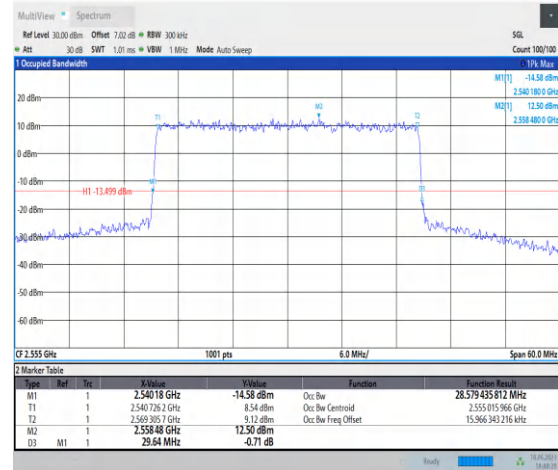
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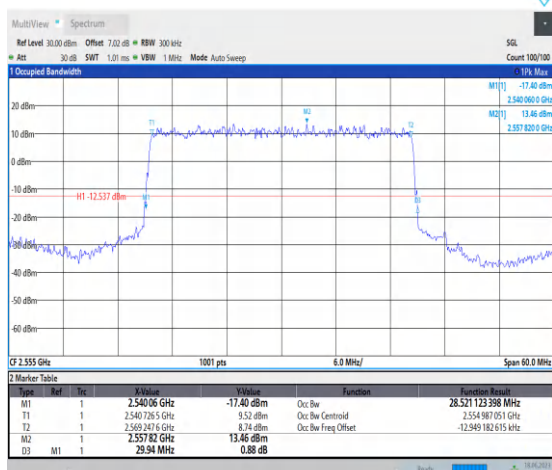
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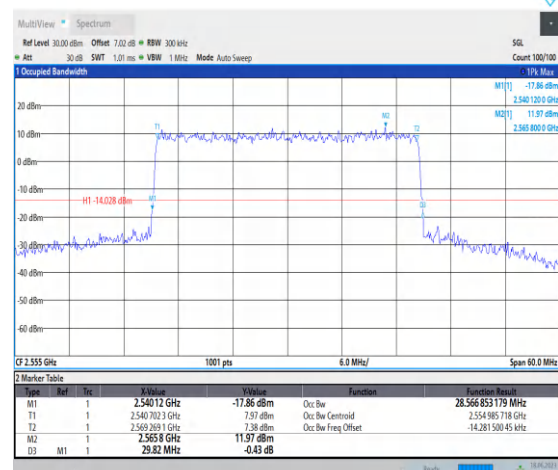
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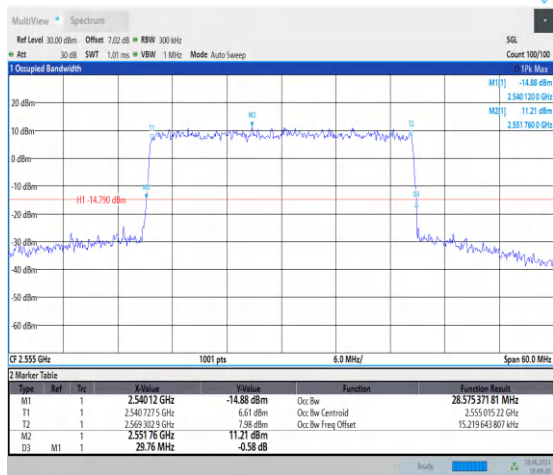
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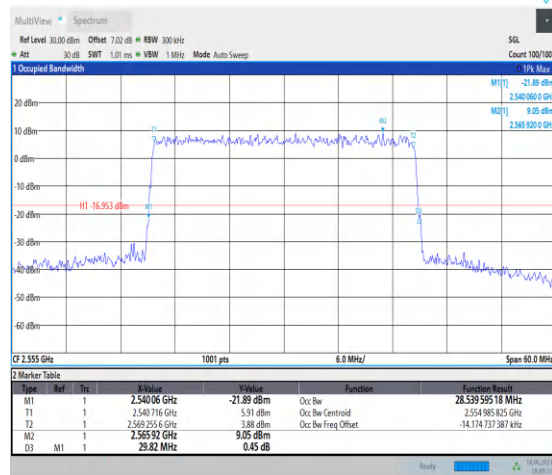
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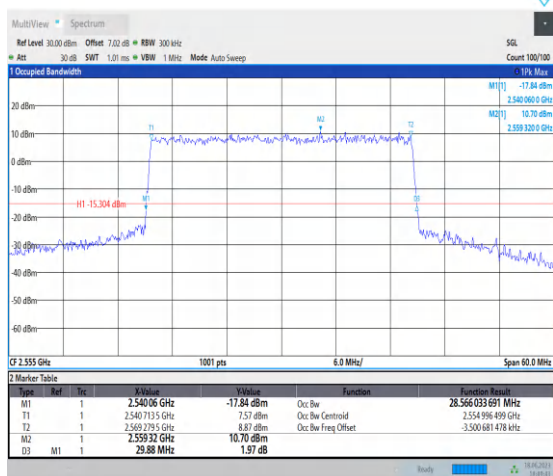
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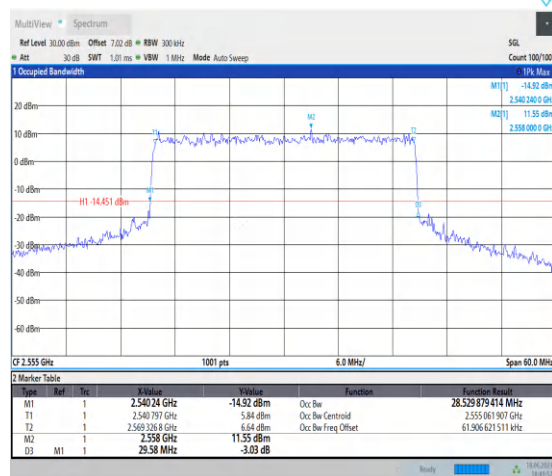
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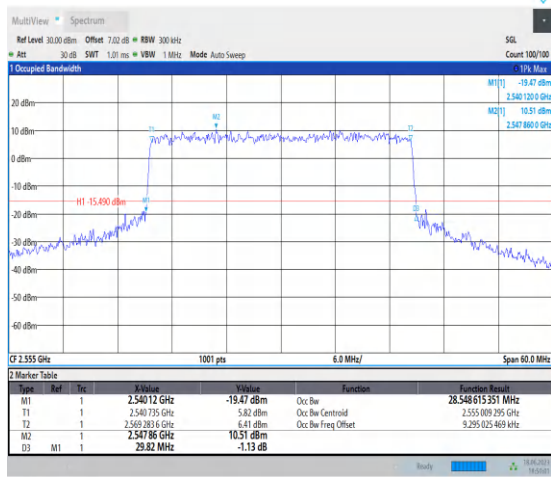
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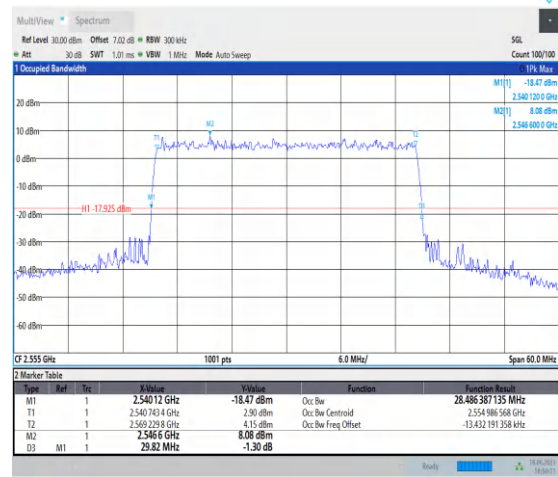
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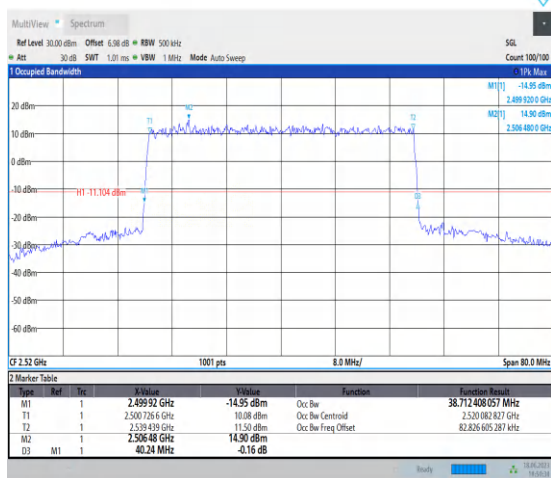
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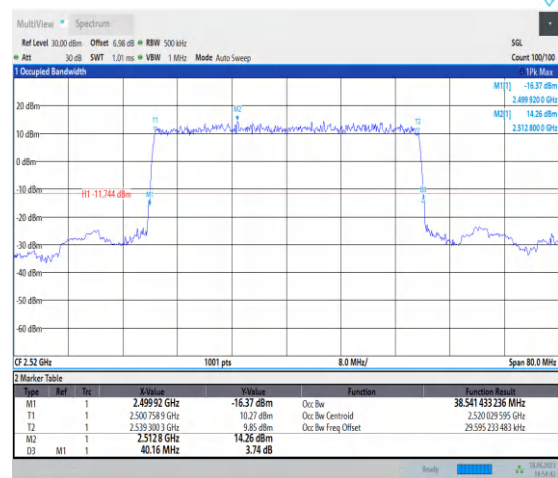
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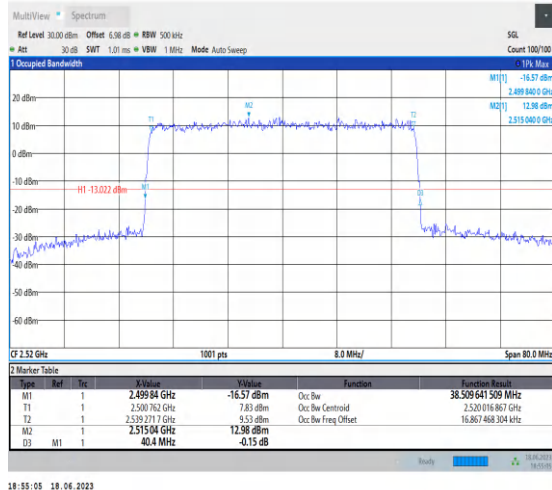
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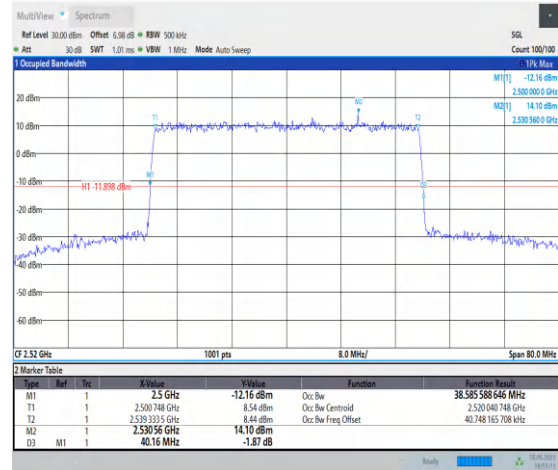
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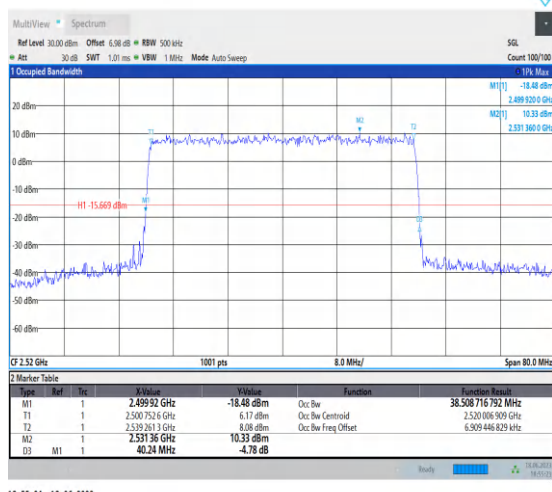
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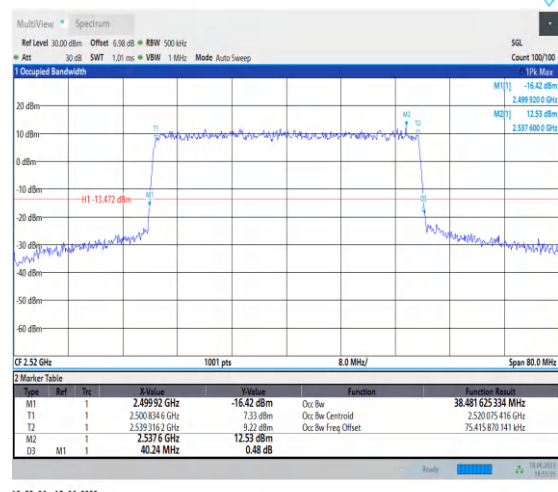
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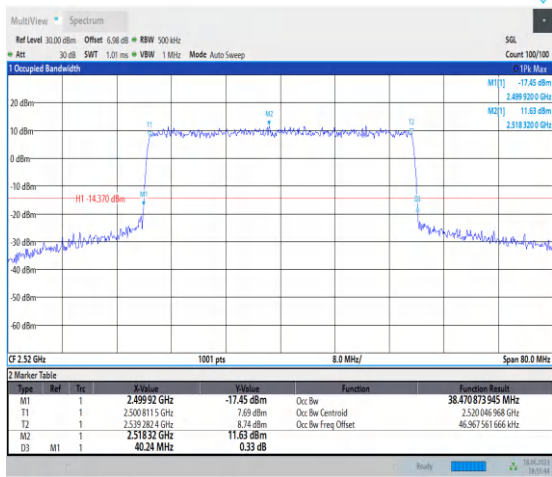
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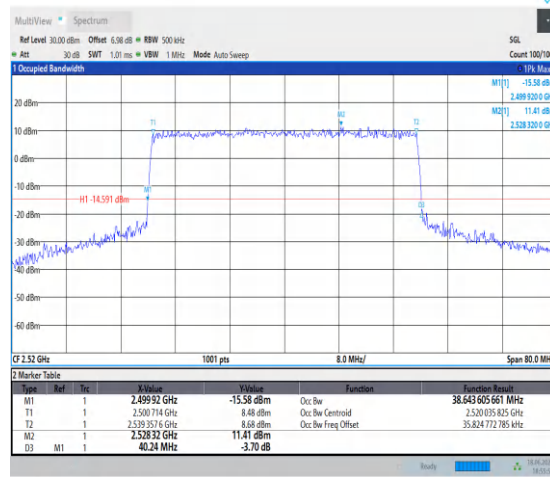
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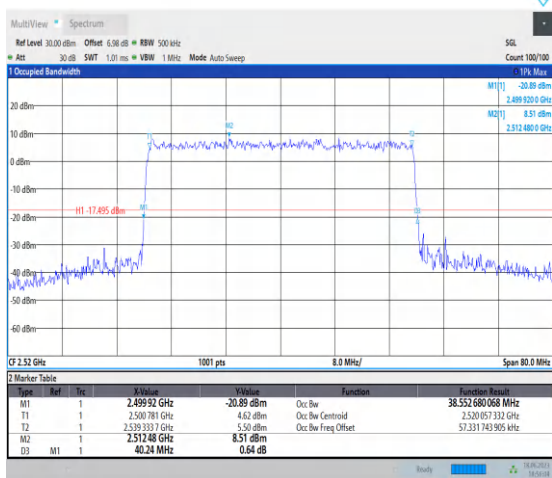
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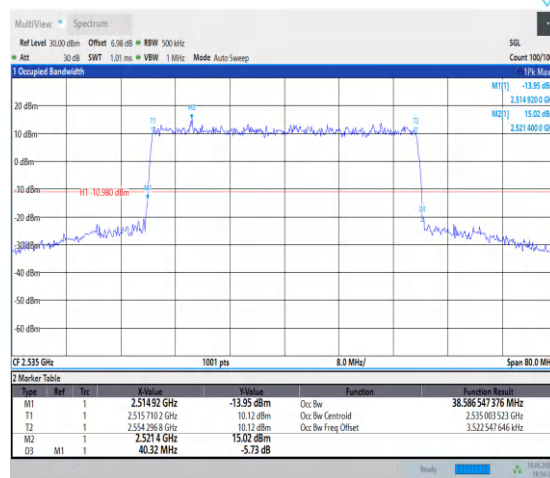
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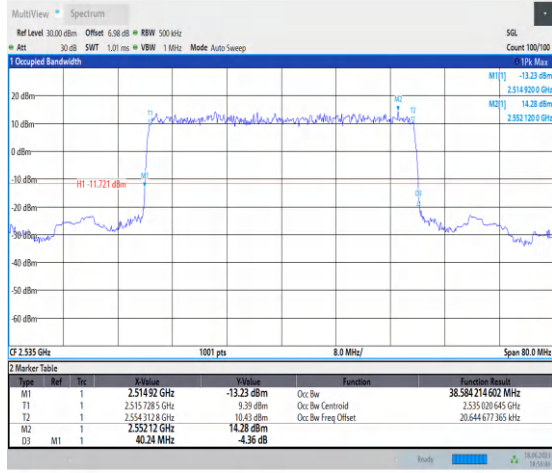
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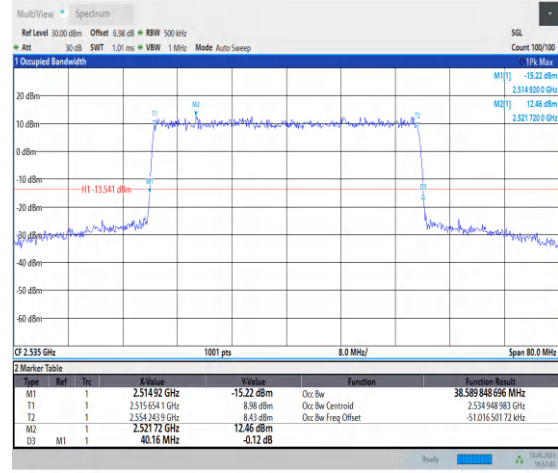
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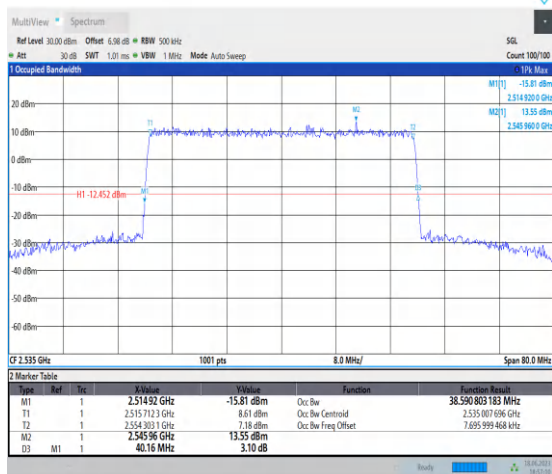
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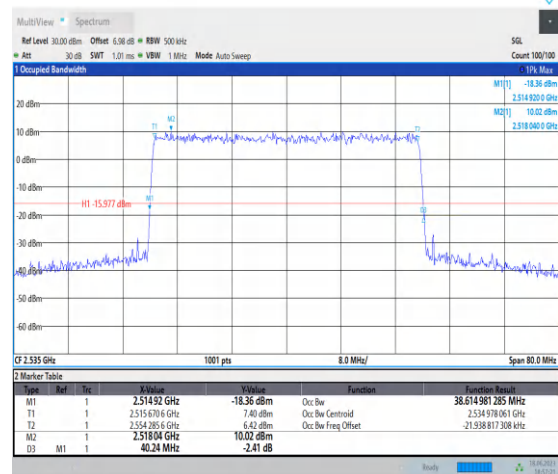
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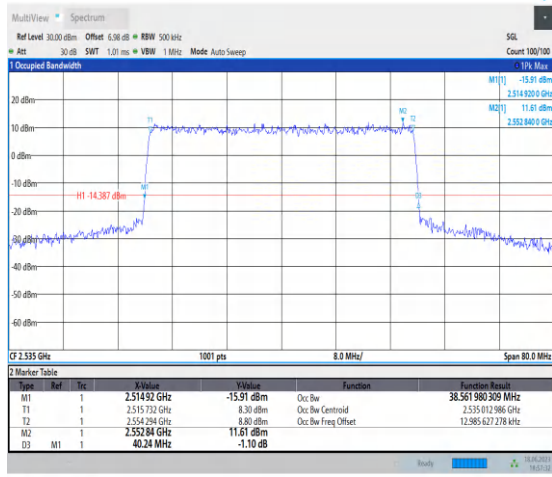
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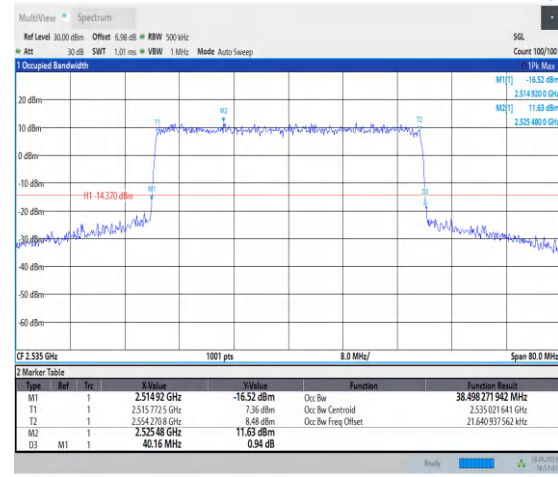
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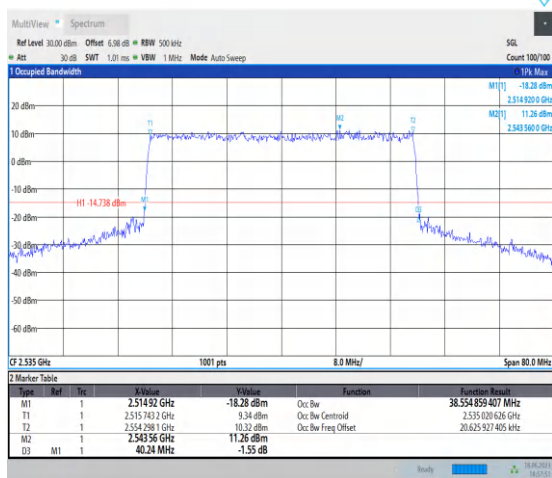
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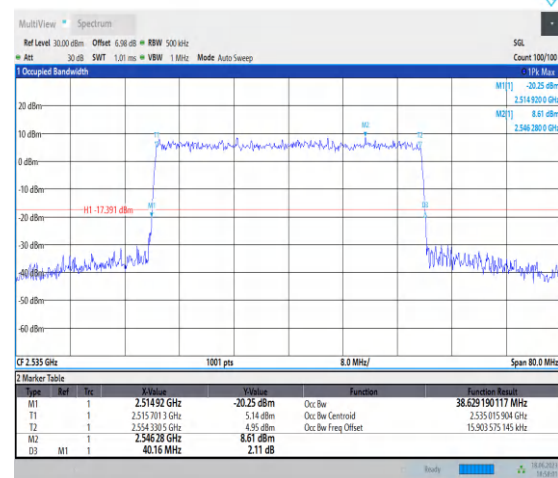
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18:58:01 18.06.2023

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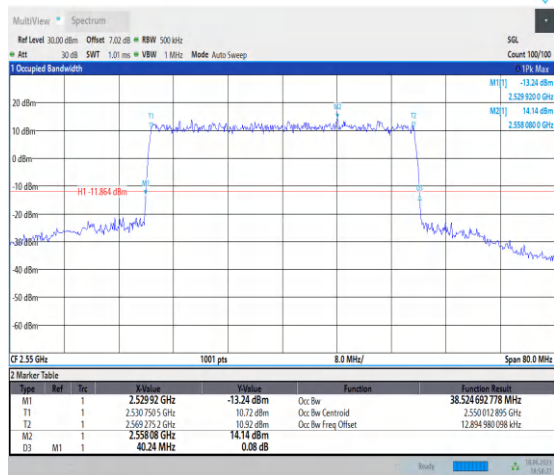
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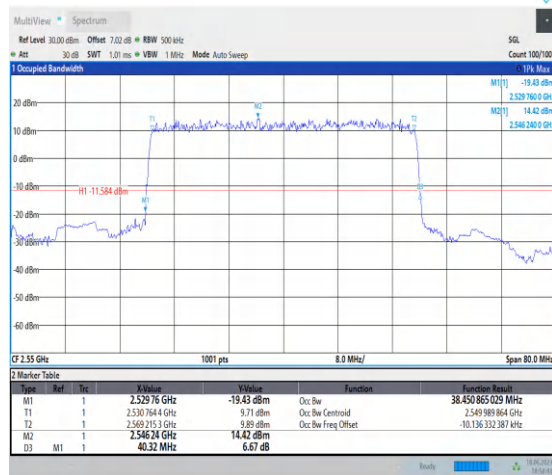
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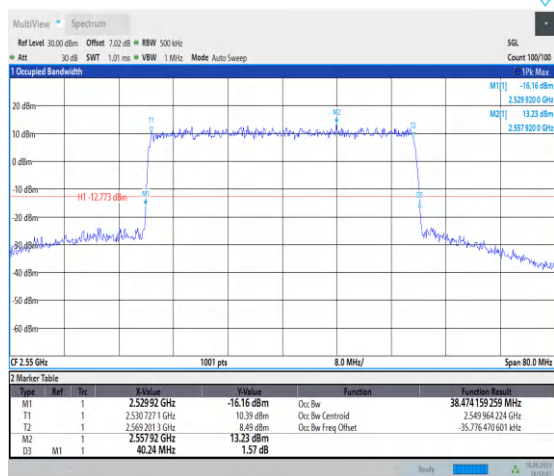
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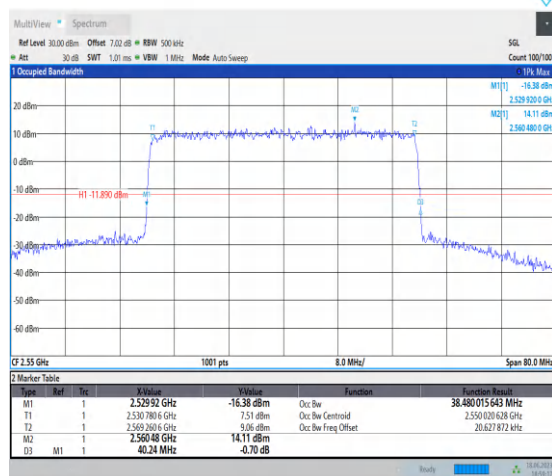
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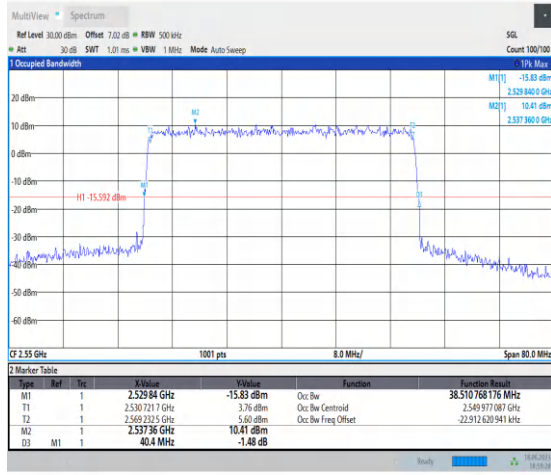
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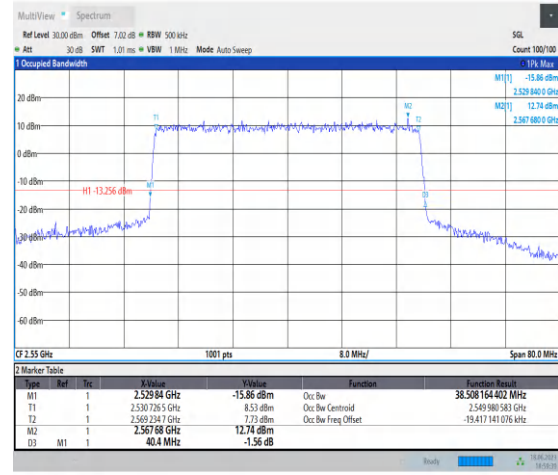
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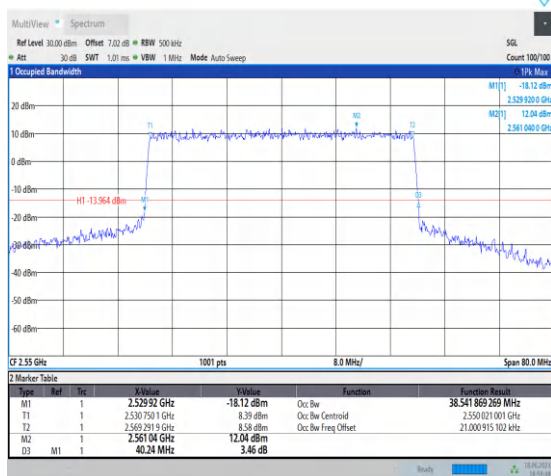
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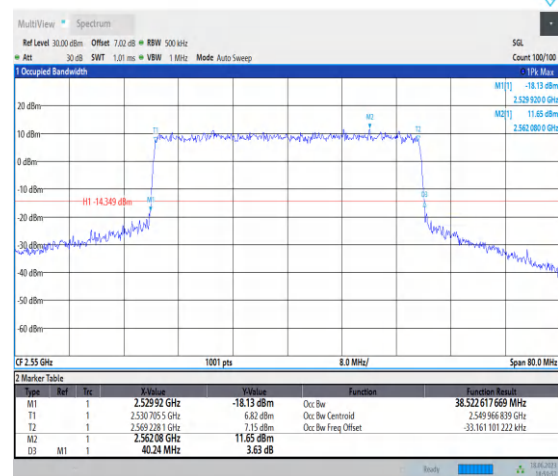
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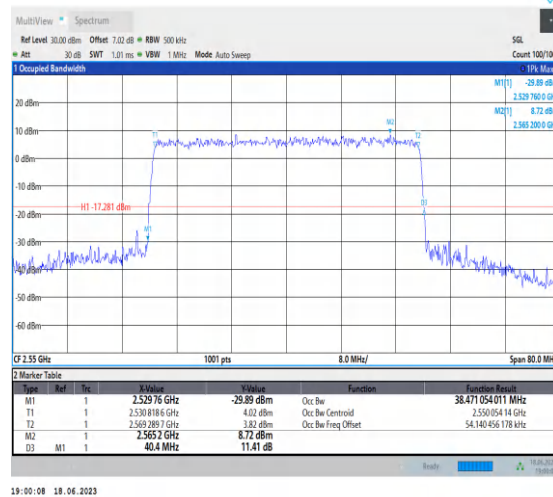
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1-N7-PC3-15-40-H-9-CP-256QAM-Outer_Full-216@0-Ant0-38.471-40.400-≤40-PASS



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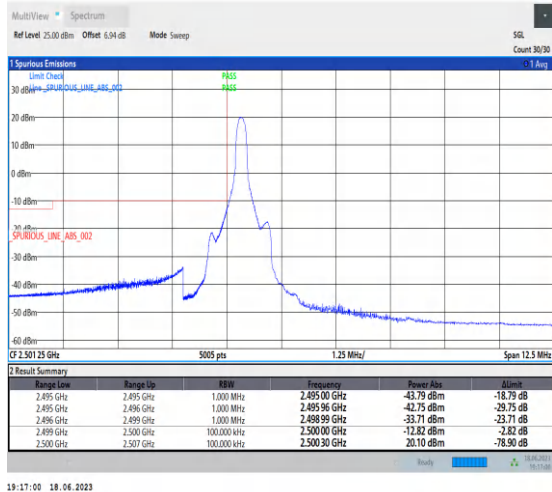
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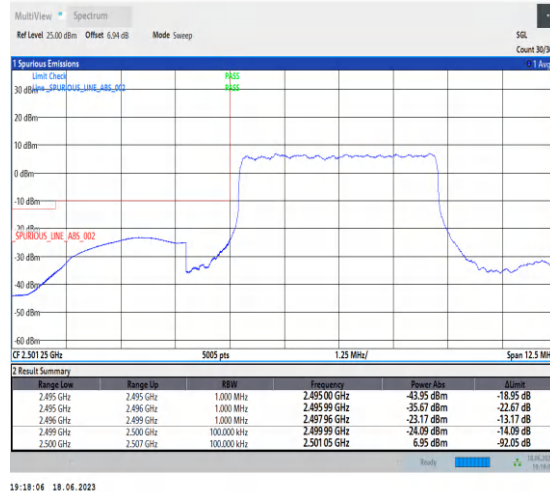
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Band Edge for SA

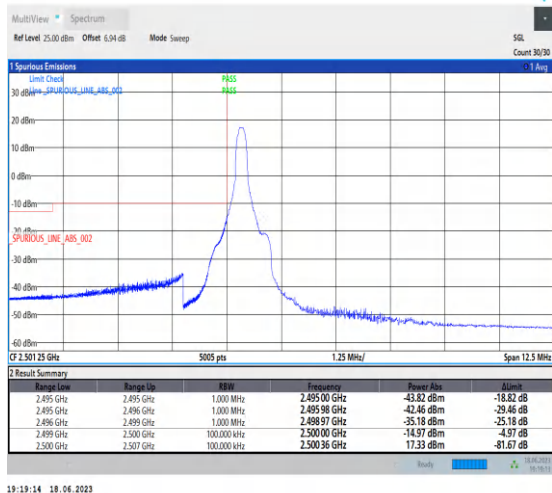
Test Graphs



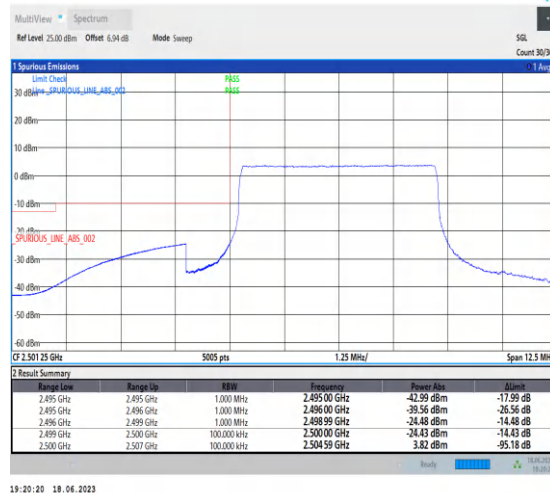
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1-N7-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant0-1--PASS-see graph



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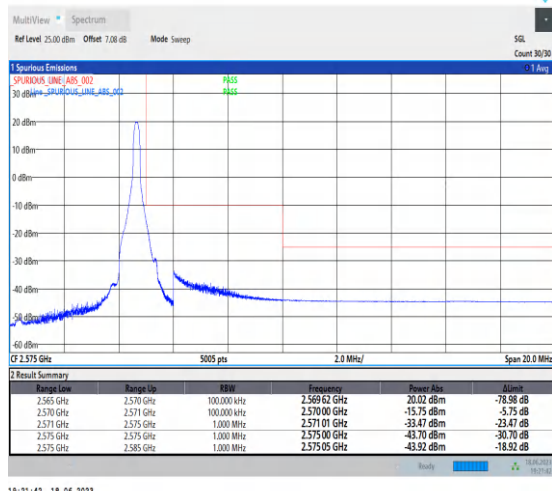
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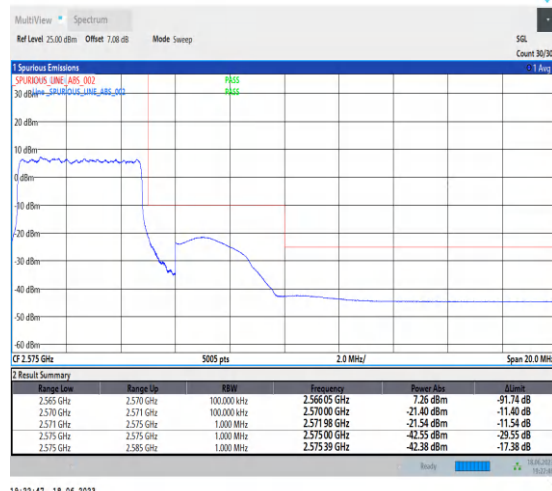
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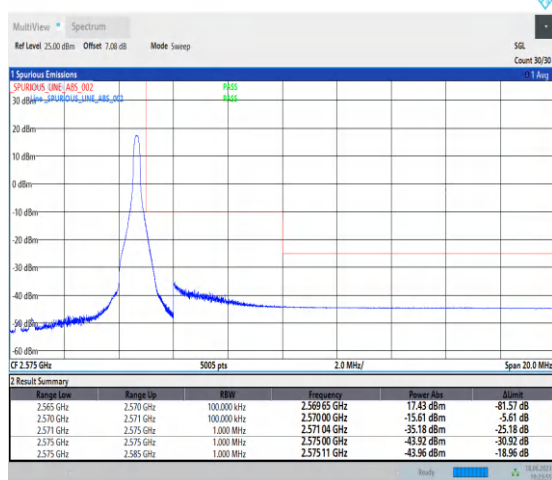
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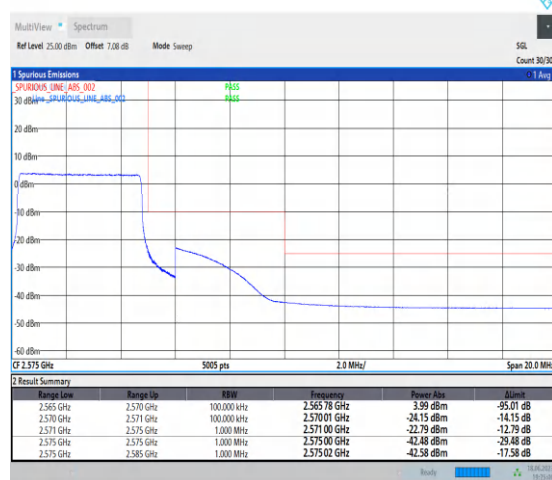
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19:25:01 18.06.2023

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Ant0-1--PASS-see graph



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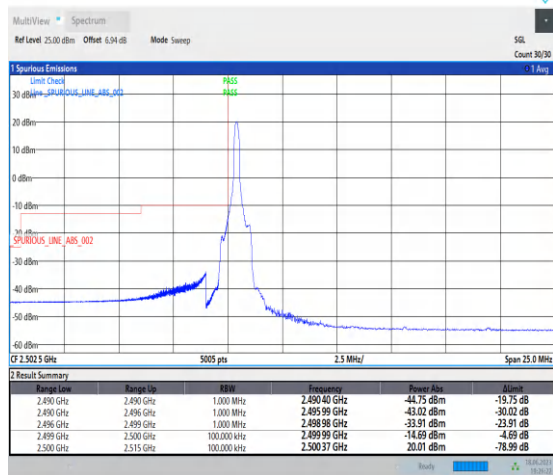
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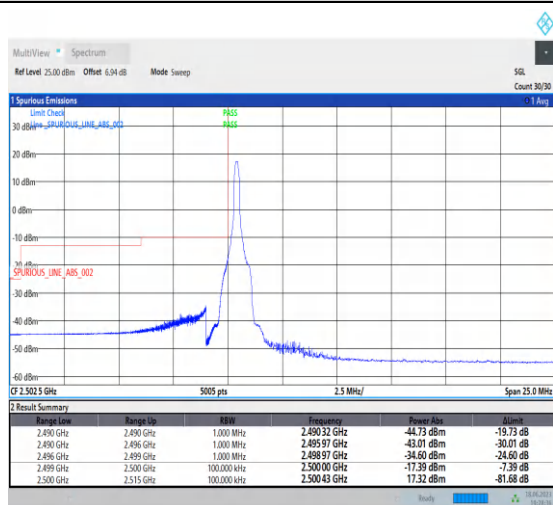
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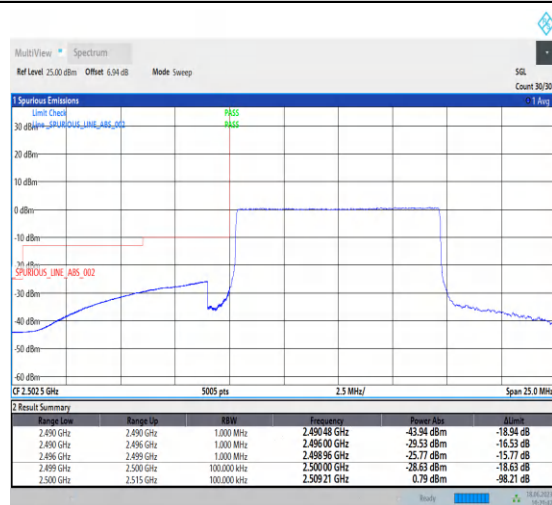
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19:29:43 18.06.2023

1-N7-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant0-1--PASS-see graph



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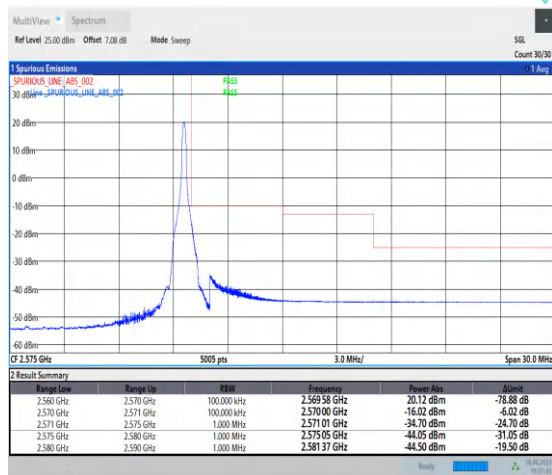
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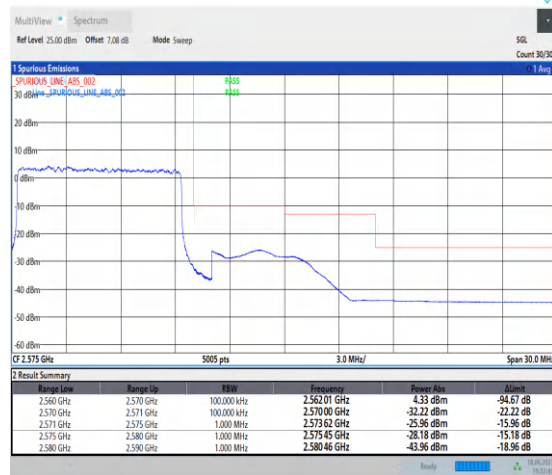
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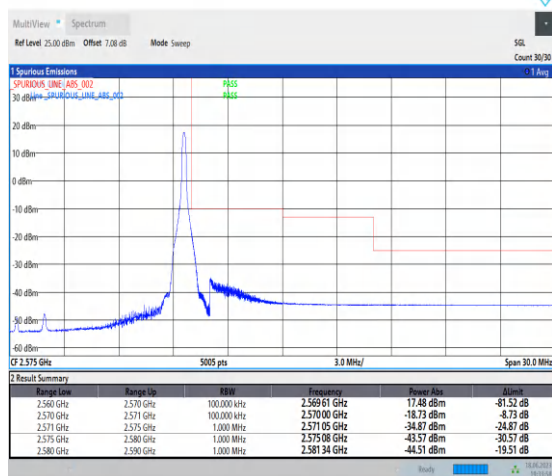
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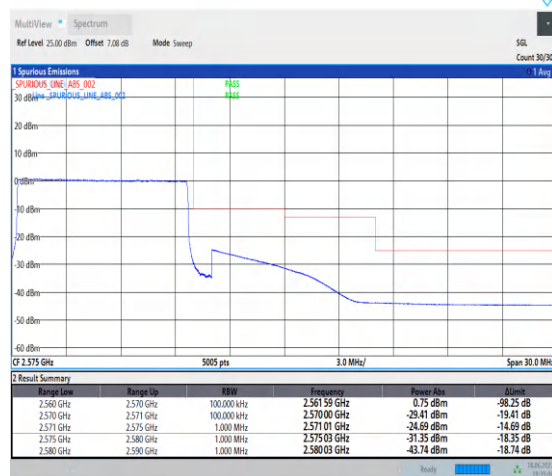
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19:35:04 18.06.2023

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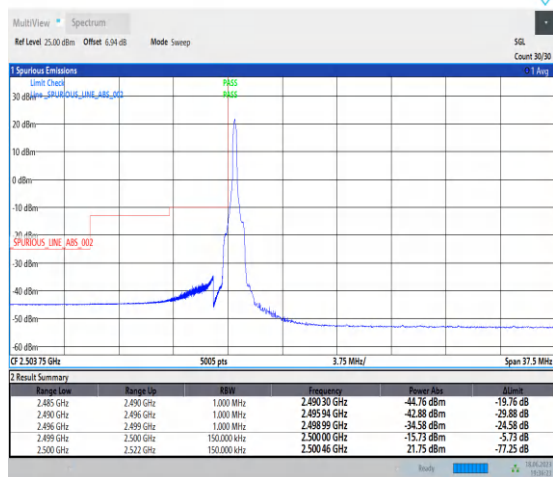
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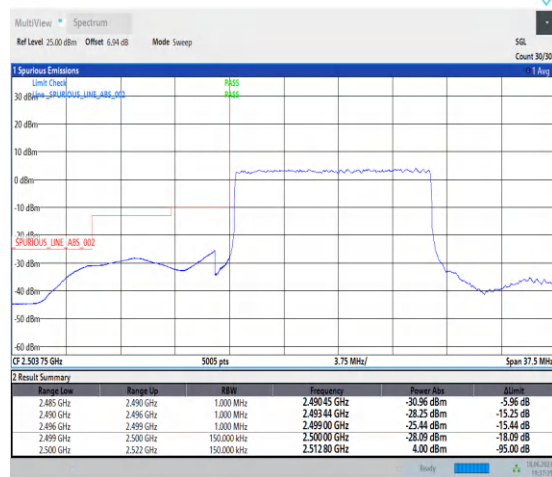
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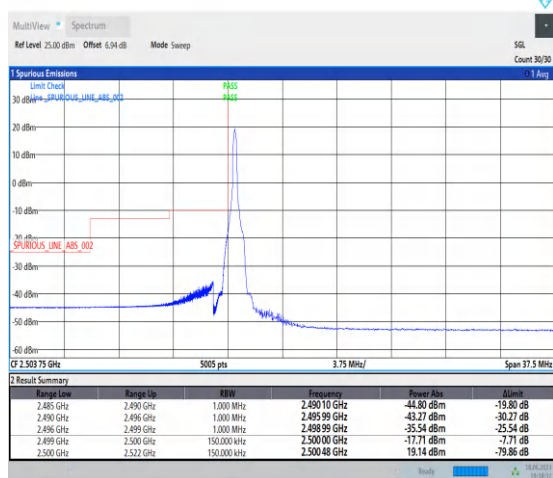
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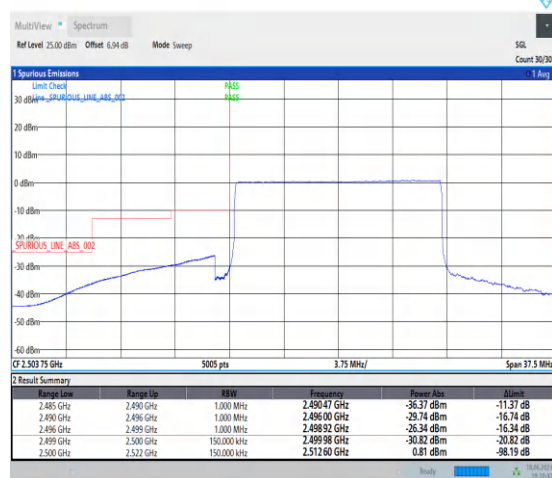
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19:18:37 18.06.2023

1-N7-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



19:19:43 18.06.2023

1-N7-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant0-1--PASS-see graph



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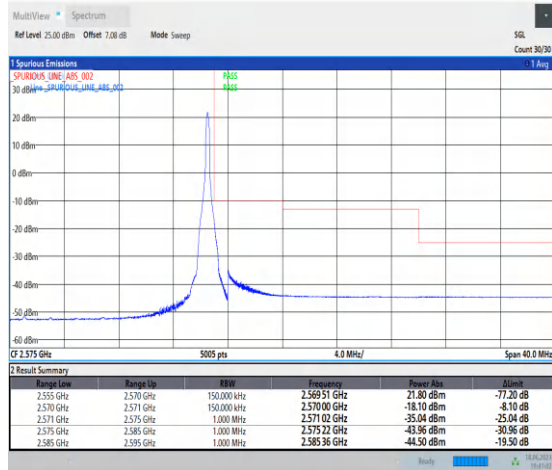
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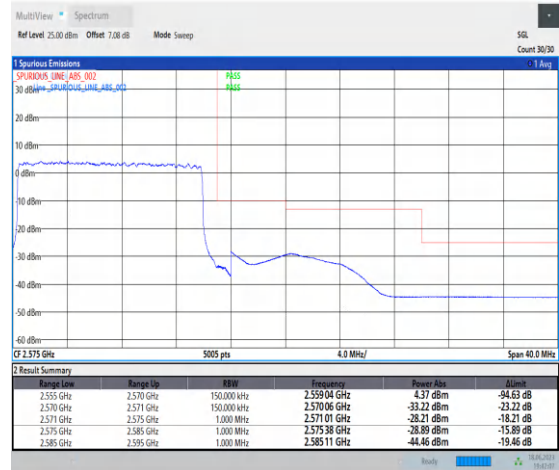
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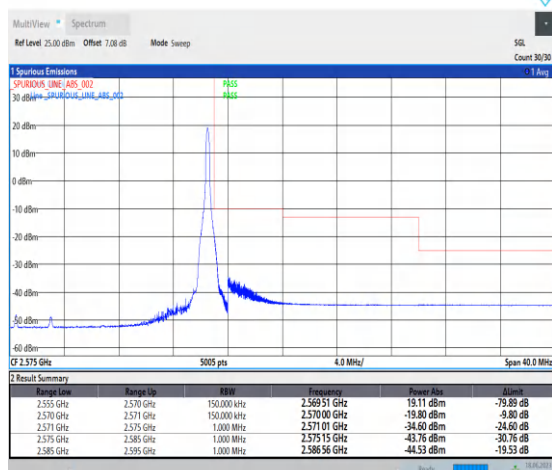
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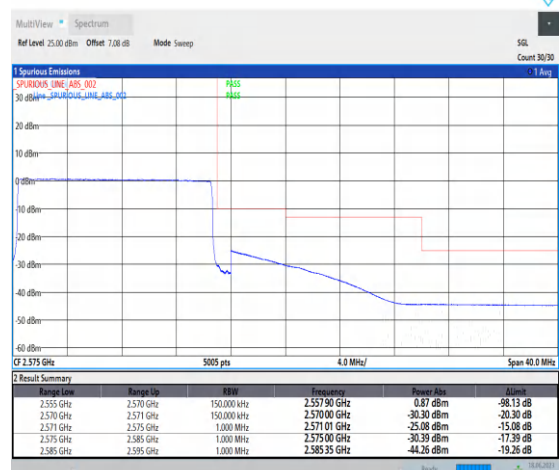
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1-N7-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant0-1--PASS-see graph



19:43:16 18.06.2023

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19:44:22 18.06.2023

1-N7-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant0-1--PASS-see graph



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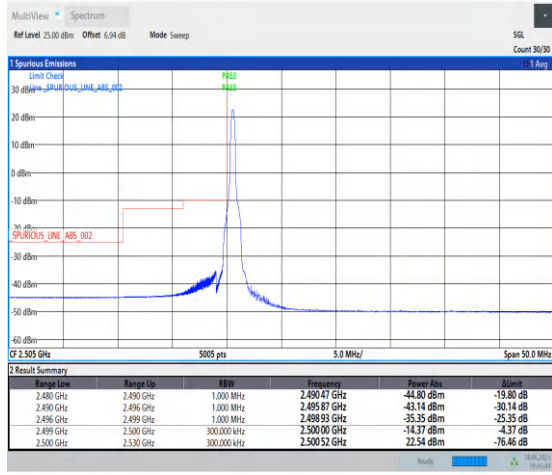
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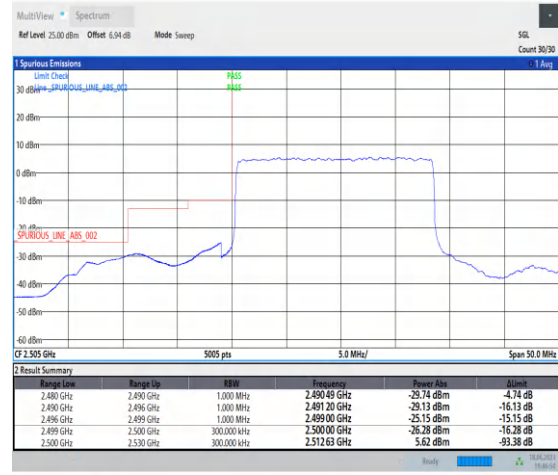
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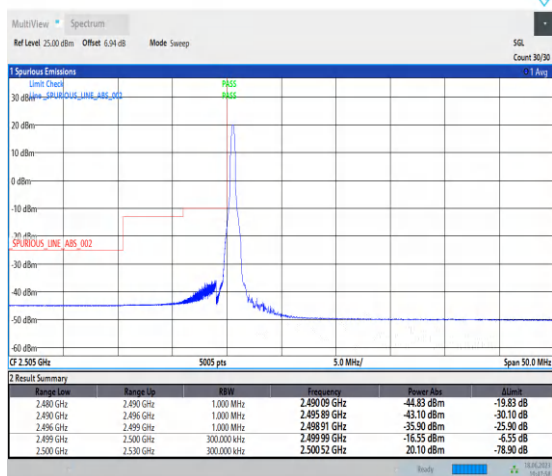
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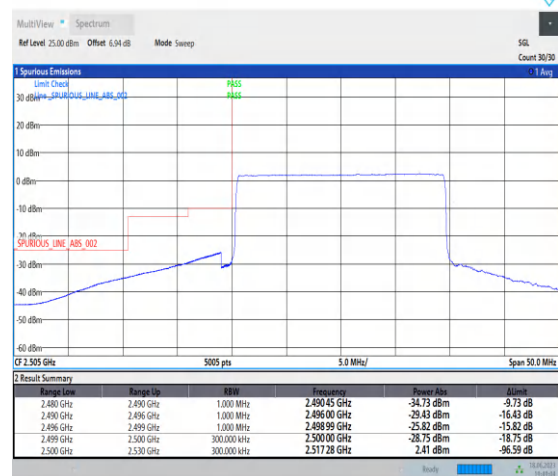
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19:47:59 18.06.2023

1-N7-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



19:49:05 18.06.2023

1-N7-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



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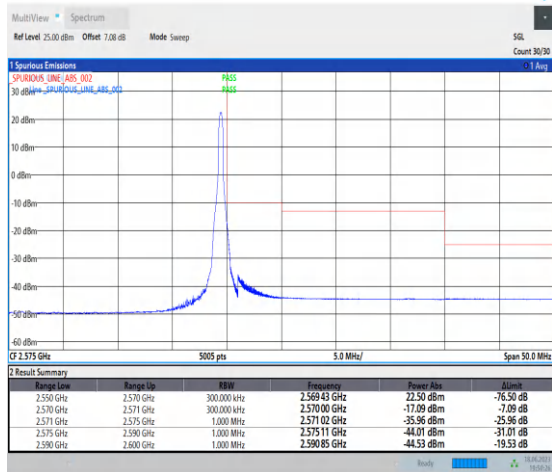
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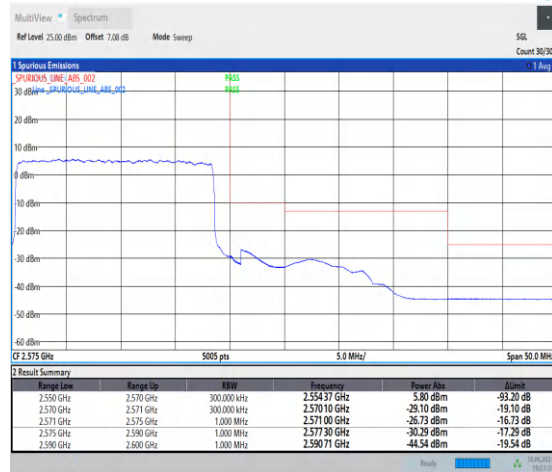
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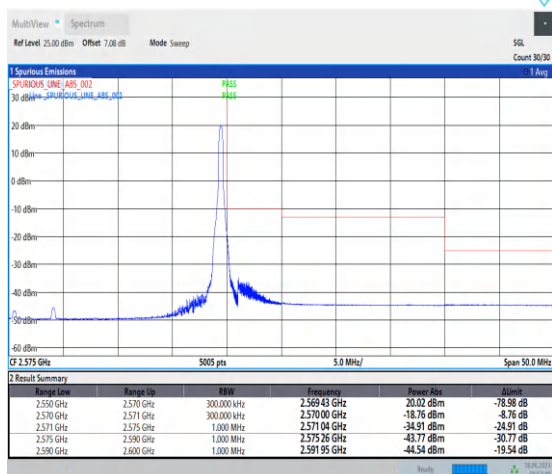
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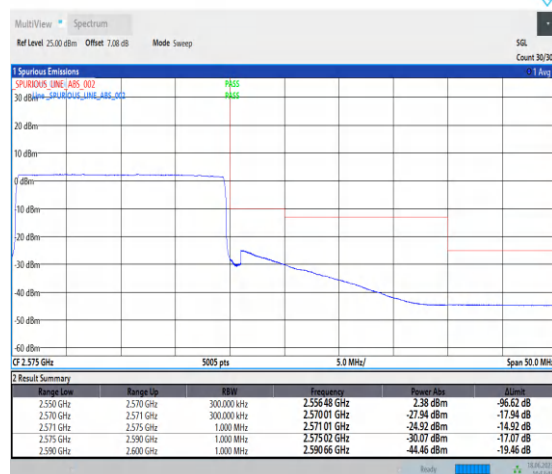
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19:52:40 19.06.2023

1-N7-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant0-1--PASS-see graph



19:53:45 19.06.2023

1-N7-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



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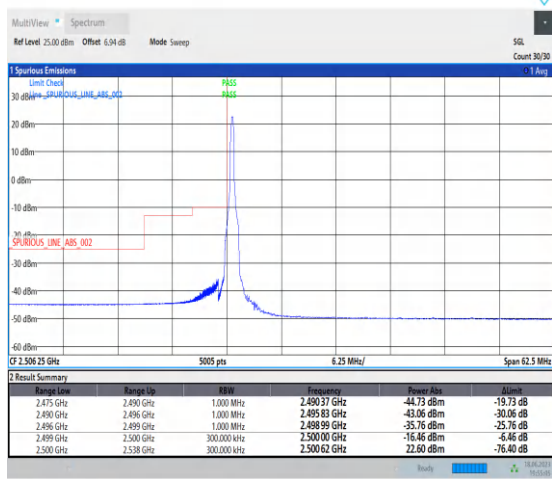
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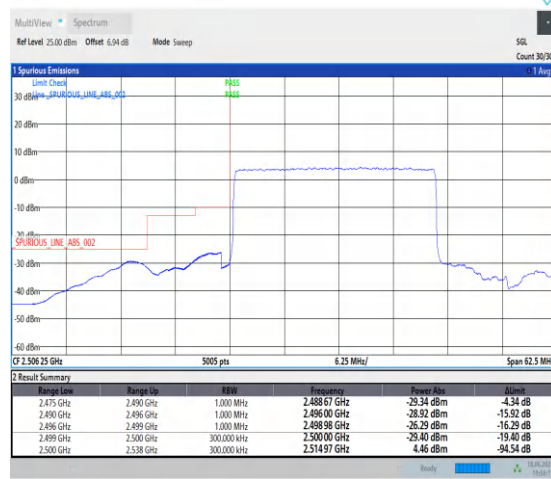
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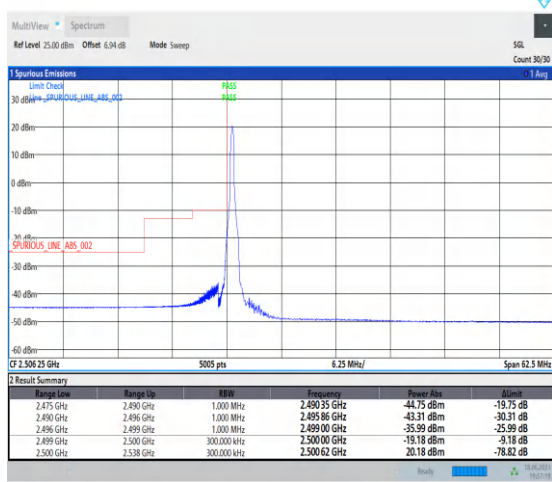
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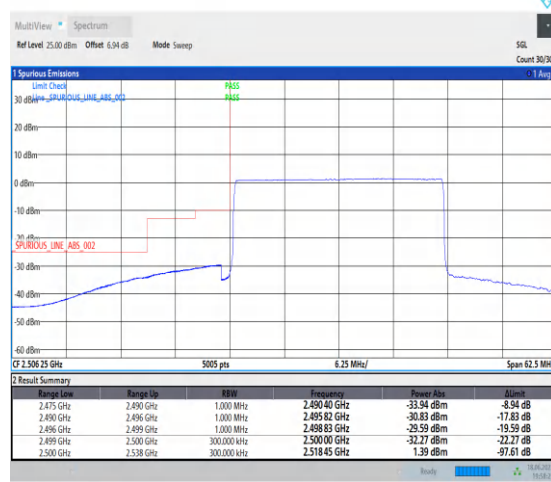
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1-N7-PC3-15-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N7-PC3-15-25-L-6-CP-QPSK-Outer_Full-133@0-Ant0-1--PASS-see graph



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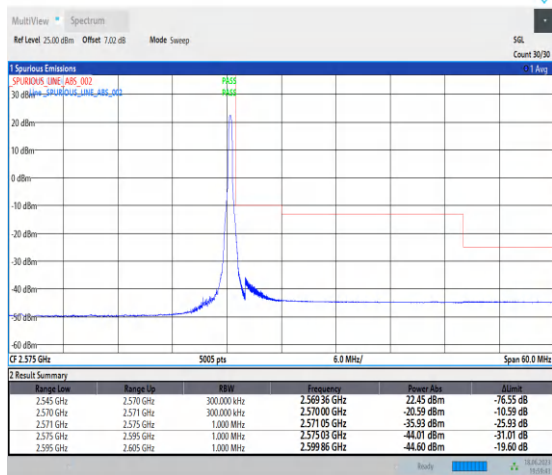
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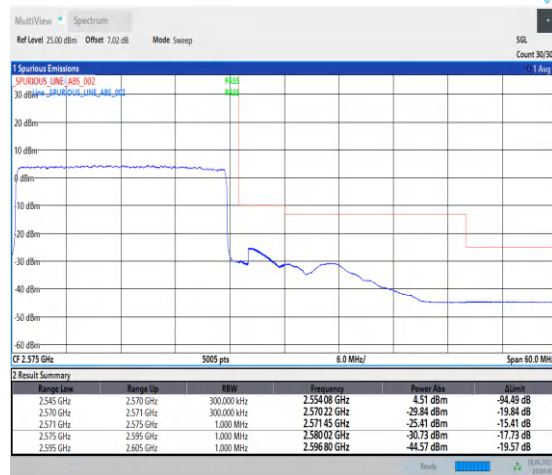
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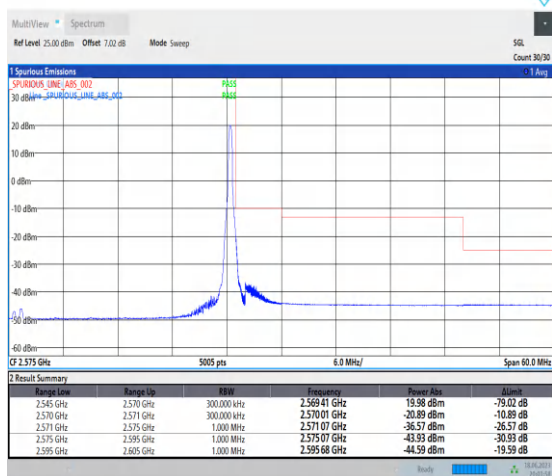
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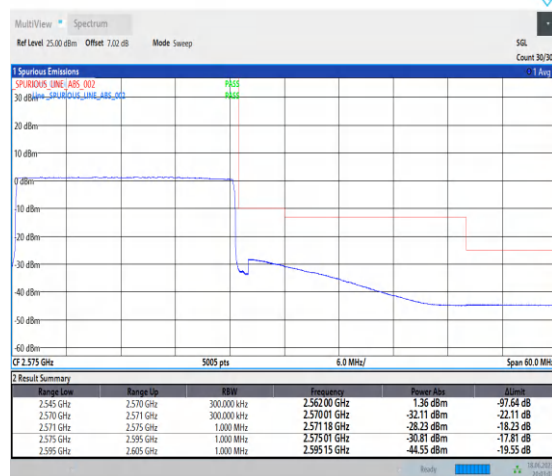
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20:03:04 19.06.2023

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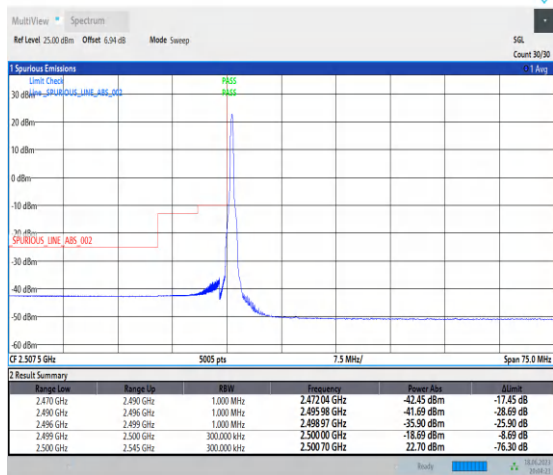
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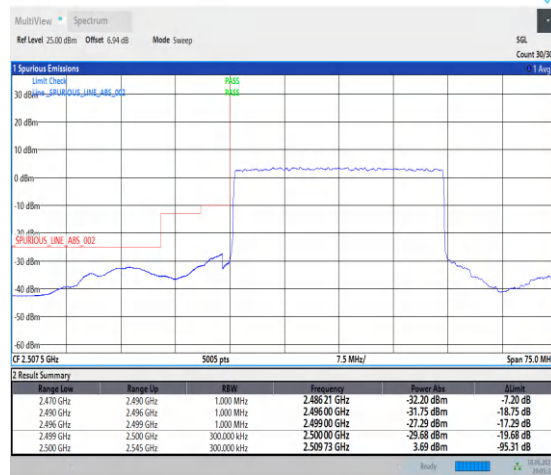
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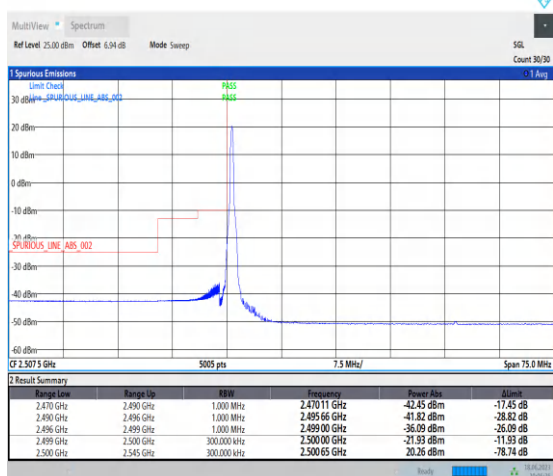
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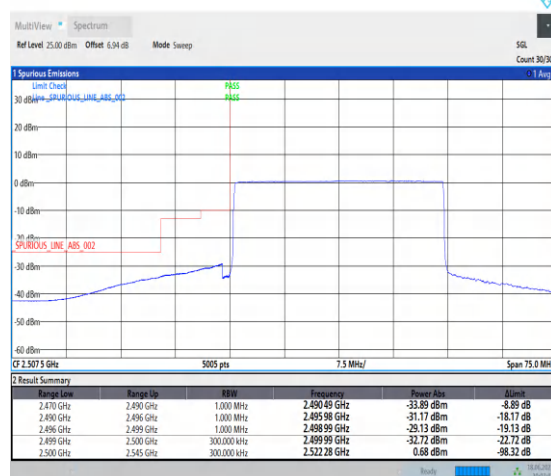
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20:06:37 18.06.2023

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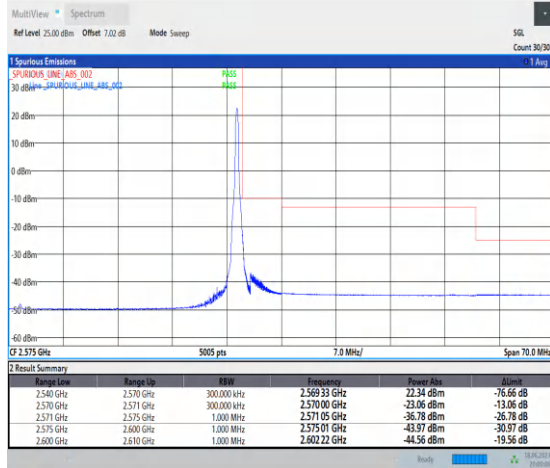
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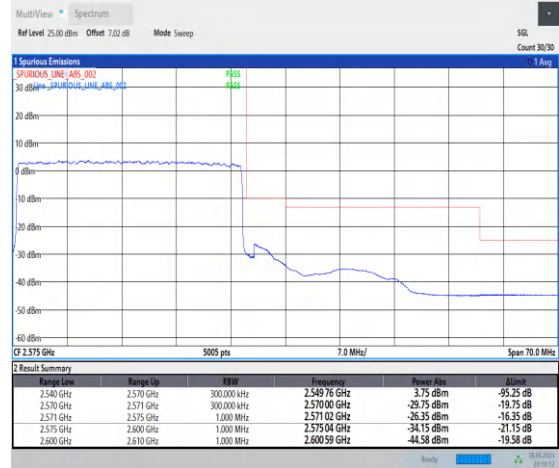
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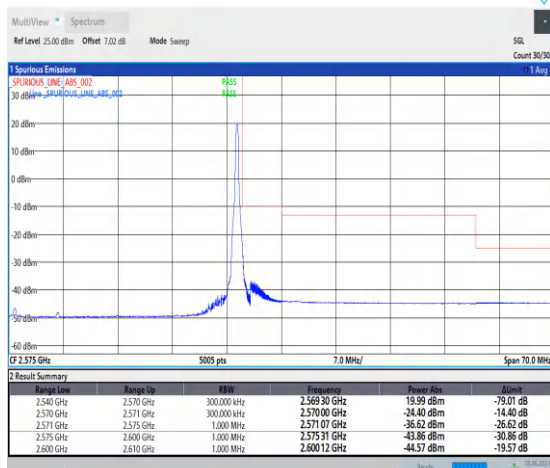
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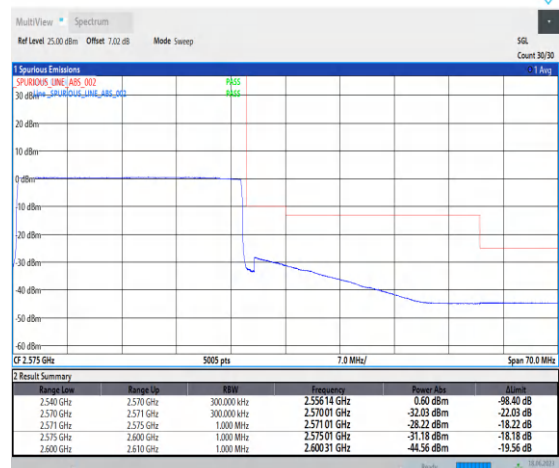
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20:12:27 19.06.2023

1-N7-PC3-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant0-1--PASS-see graph



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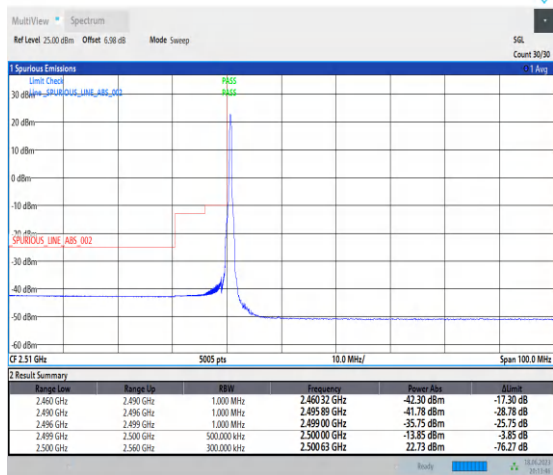
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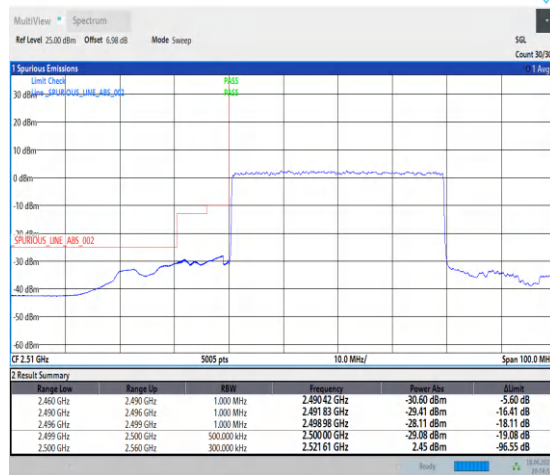
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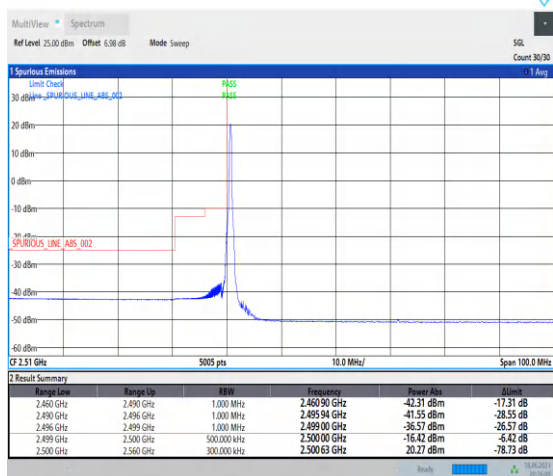
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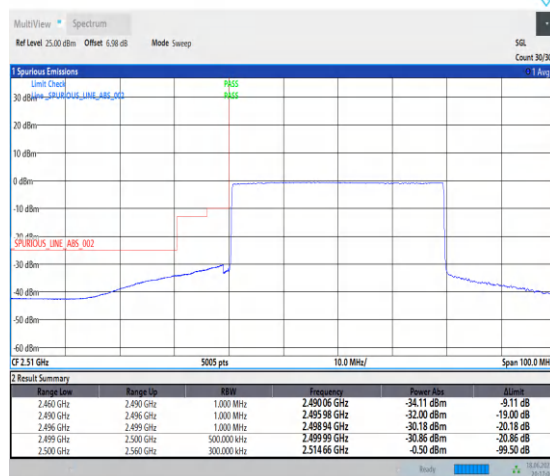
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20:16:00 18.06.2023

1-N7-PC3-15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



20:17:06 18.06.2023

1-N7-PC3-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant0-1--PASS-see graph



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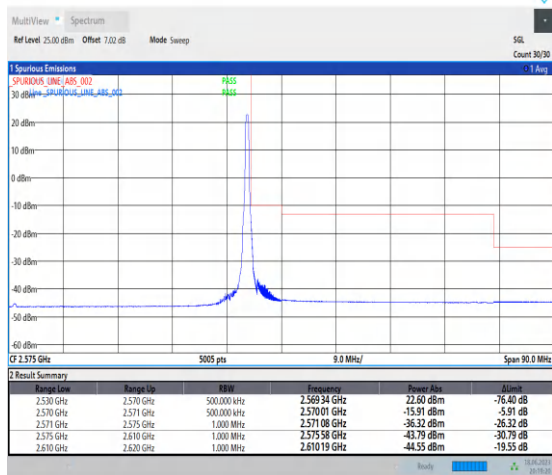
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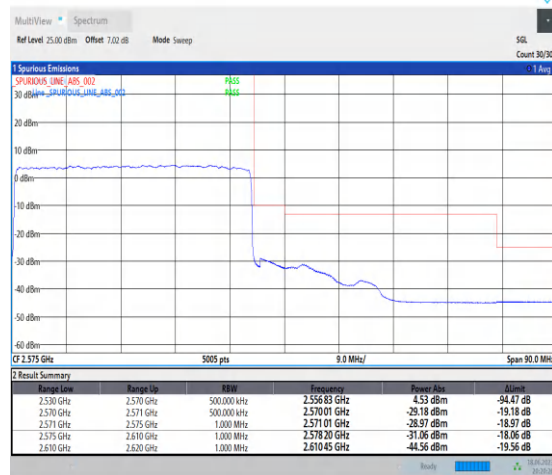
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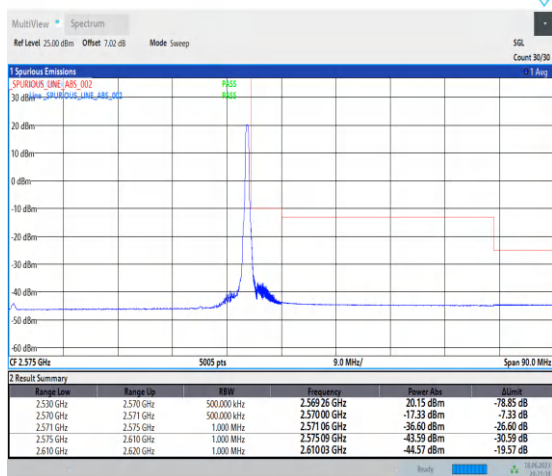
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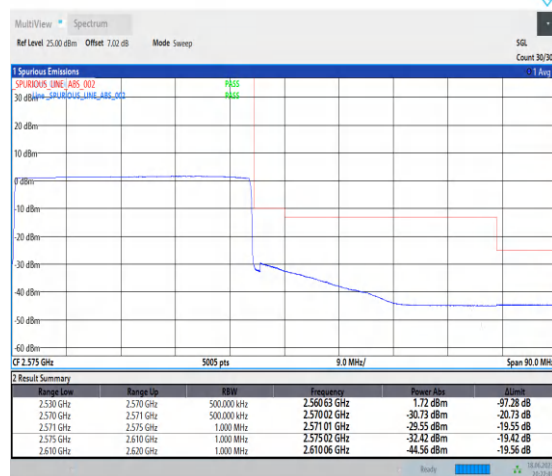
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20:21:35 19.06.2023

1-N7-PC3-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-Ant0-1--PASS-see graph



20:22:41 19.06.2023

1-N7-PC3-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant0-1--PASS-see graph



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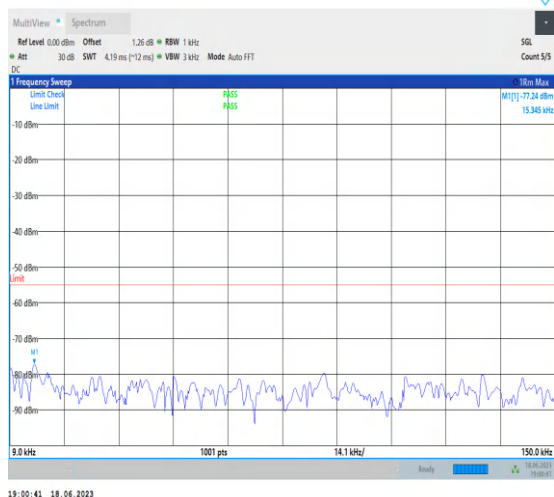
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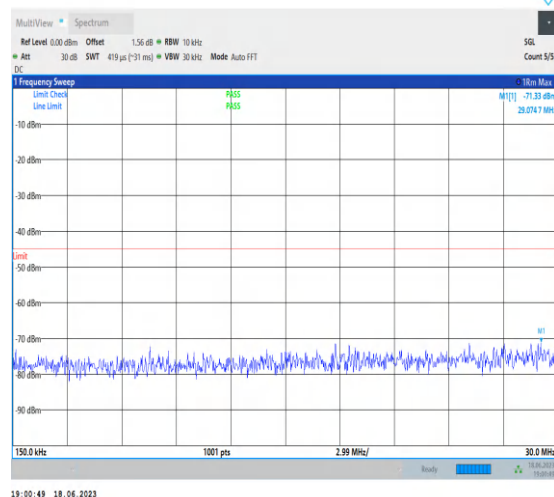
Report No.: SEWM2306000193RG02
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Conducted Spurious Emission for SA

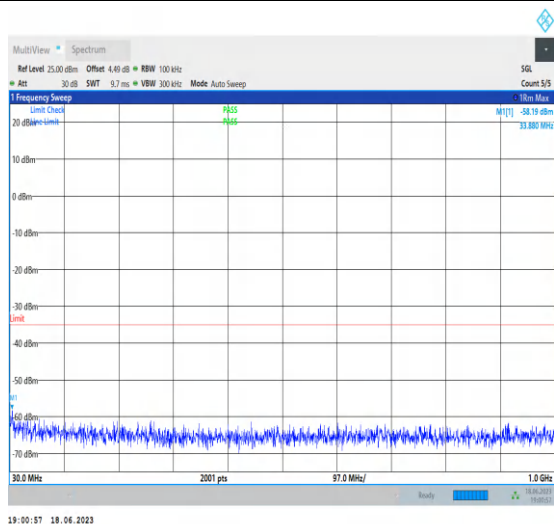
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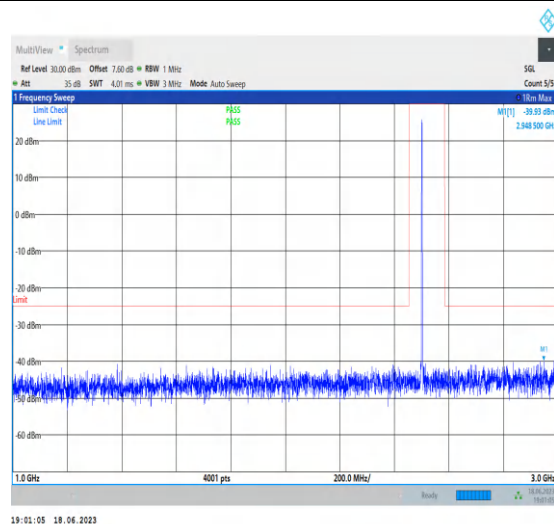
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1-N7-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-0.15-30-Ant0-29.07--71.33--45-PASS



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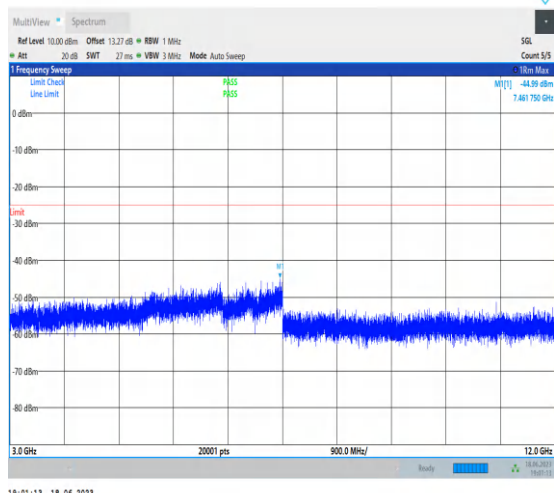
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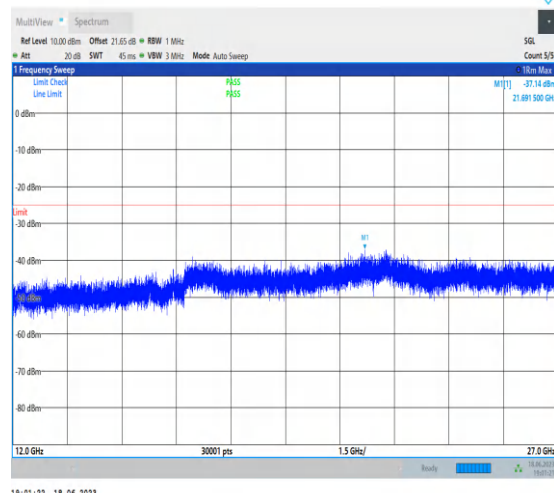
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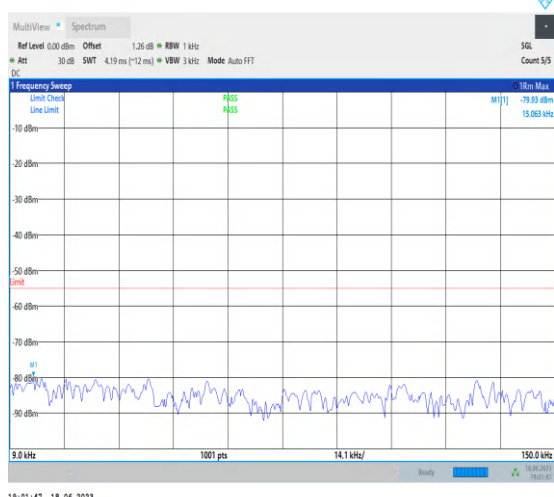
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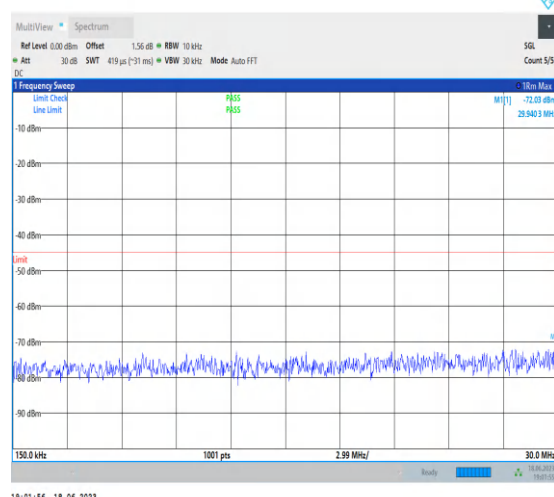
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1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant0-0.02--79.93--55-PASS



1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant0-29.94--72.03--45-PASS



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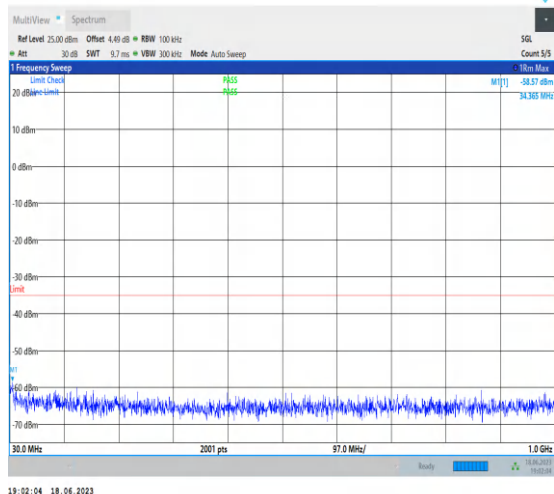
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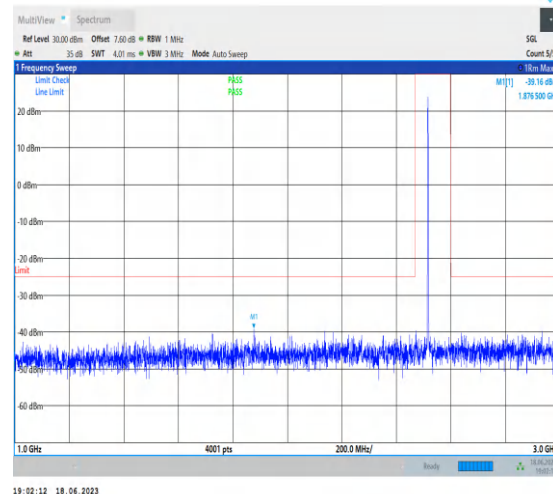
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Rev.: 01

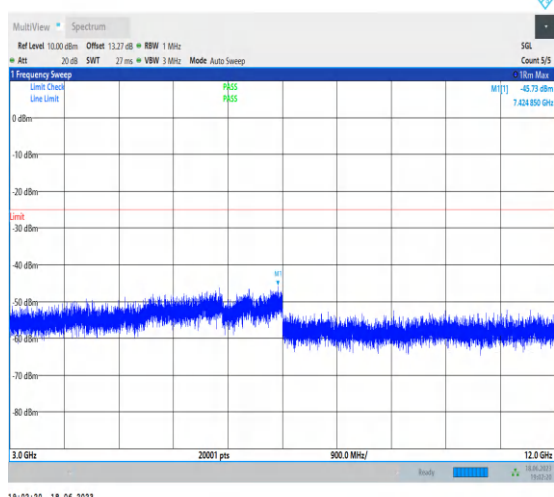
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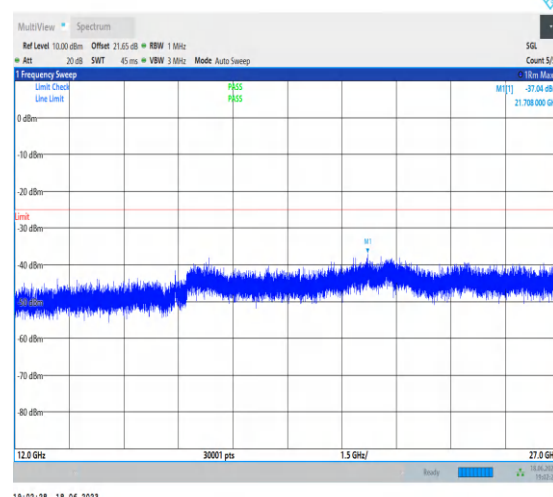
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1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-1000-3000-Ant0-1876.50--39.16--25-PASS



1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Lef
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1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-
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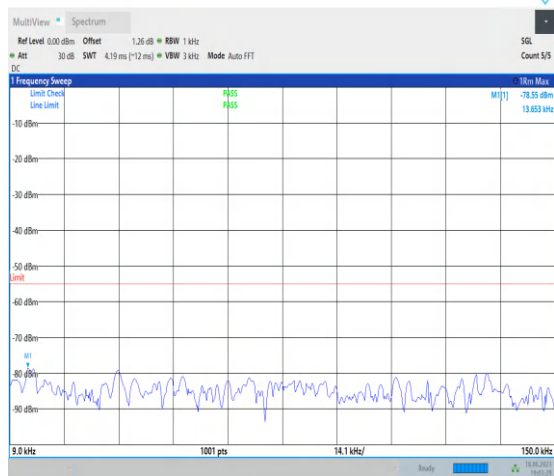
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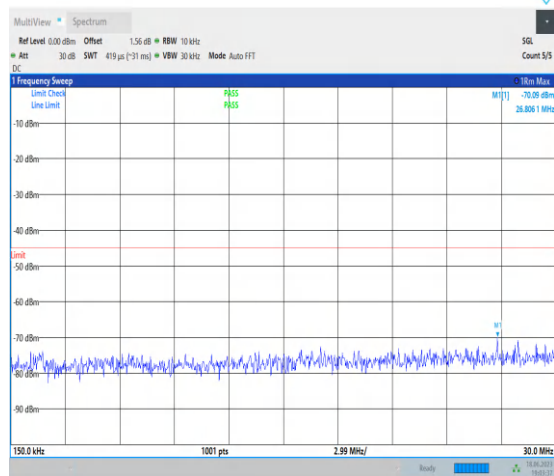
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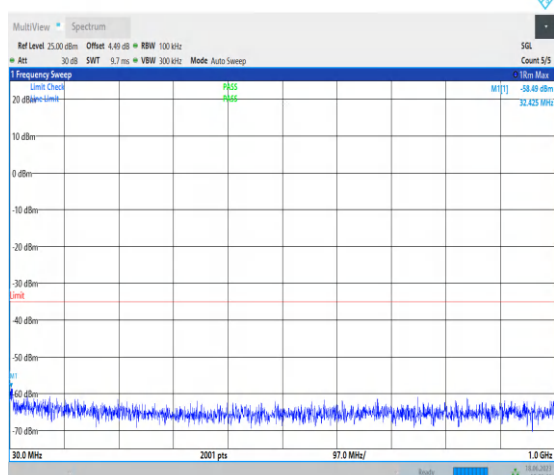
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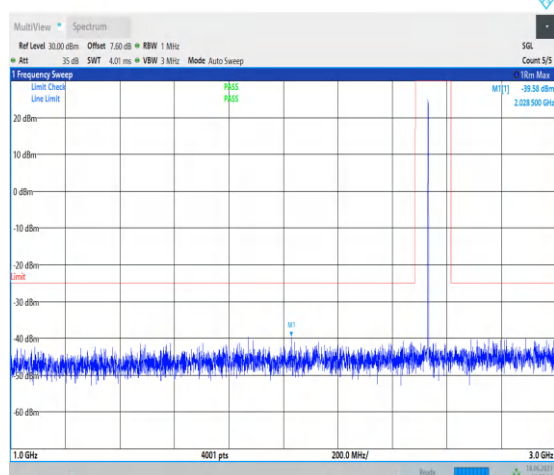
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19-03-54 18.06.2023

1-N7-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant0-2028.50--39.58--25-PASS



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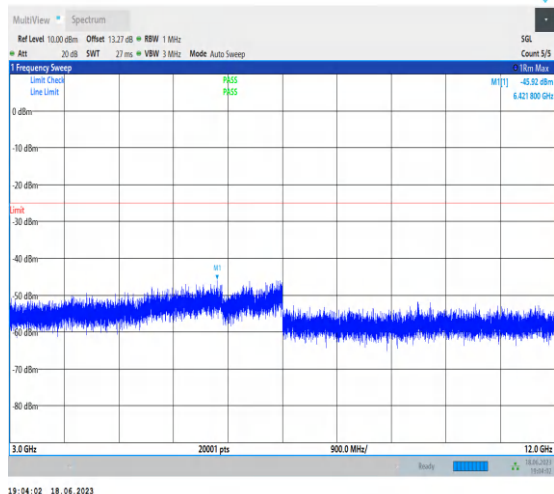
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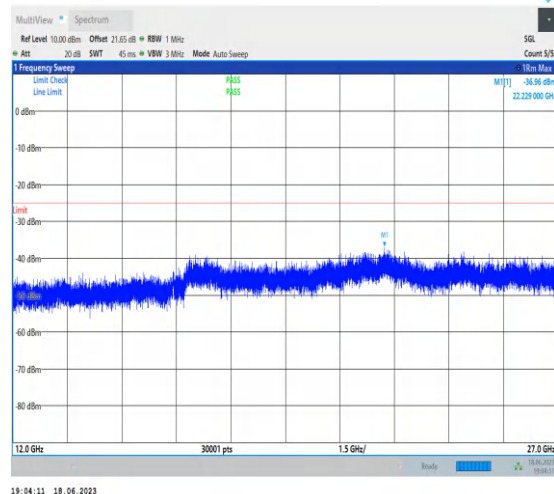
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1-N7-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-
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Field Strength of Spurious Radiation(Worse)**Test Band = SA Band7_ TM1_40MHz****Test Channel = Low**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4558	44.17	-45.69	30.43	-66.35	-25.00	41.35	145	71	Horizontal
2	5599.5	42.39	-45.07	32.62	-65.32	-25.00	40.32	126	1	Horizontal
3	7191	41.16	-43.49	35.73	-61.86	-25.00	36.86	136	216	Horizontal
4	7853	40.96	-42.58	36.74	-60.14	-25.00	35.14	259	356	Horizontal
5	9315.5	38.13	-40.16	36.90	-60.39	-25.00	35.39	195	17	Horizontal
6	11148	35.42	-37.69	38.71	-58.82	-25.00	33.82	187	234	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	4228	43.05	-45.71	29.65	-68.27	-25.00	43.27	165	353	Vertical
2	5492	42.39	-45.24	32.58	-65.53	-25.00	40.53	188	360	Vertical
3	7019.5	41.41	-43.68	35.25	-62.27	-25.00	37.27	174	324	Vertical
4	8390	40.35	-41.51	36.61	-59.81	-25.00	34.81	165	271	Vertical
5	9985.5	36.67	-39.25	38.17	-59.67	-25.00	34.67	192	342	Vertical
6	12720	33.86	-36.71	39.02	-59.09	-25.00	34.09	155	181	Vertical



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Test Band = SA Band7_ TM1_40MHz
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	4424	43.35	-45.79	30.12	-67.59	-25.00	42.59	213	127	Horizontal
2	5751.5	43.11	-44.80	32.65	-64.30	-25.00	39.30	236	236	Horizontal
3	7004.5	41.70	-43.58	35.21	-61.93	-25.00	36.93	261	8	Horizontal
4	8402.5	40.40	-41.45	36.60	-59.72	-25.00	34.72	154	8	Horizontal
5	10113	36.23	-39.17	38.26	-59.94	-25.00	34.94	155	164	Horizontal
6	12793	34.02	-36.82	39.04	-59.02	-25.00	34.02	186	127	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	4273.5	43.48	-45.60	29.76	-67.62	-25.00	42.62	185	360	Vertical
2	4936.5	43.39	-45.57	31.26	-66.18	-25.00	41.18	136	198	Vertical
3	6012.5	42.95	-44.78	32.74	-64.35	-25.00	39.35	251	127	Vertical
4	7047.5	41.86	-43.86	35.33	-61.93	-25.00	36.93	146	17	Vertical
5	8499	40.24	-41.62	36.55	-60.09	-25.00	35.09	211	305	Vertical
6	10505	36.20	-38.78	38.45	-59.39	-25.00	34.39	189	198	Vertical



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Test Band = SA Band7_ TM1_40MHz
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	5412	42.76	-45.29	32.39	-65.40	-25.00	40.40	233	343	Horizontal
2	6348	42.28	-44.48	33.81	-63.64	-25.00	38.64	156	357	Horizontal
3	7431.5	42.26	-43.32	36.41	-59.92	-25.00	34.92	142	270	Horizontal
4	8377.5	40.82	-41.58	36.61	-59.40	-25.00	34.40	155	109	Horizontal
5	10242.5	36.56	-39.33	38.32	-59.70	-25.00	34.70	251	2	Horizontal
6	12209.5	34.20	-37.48	38.86	-59.68	-25.00	34.68	162	56	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	4932	43.51	-45.57	31.25	-66.06	-25.00	41.06	187	3	Vertical
2	6099.5	42.29	-44.45	33.02	-64.40	-25.00	39.40	156	288	Vertical
3	7542	40.93	-43.05	36.62	-60.77	-25.00	35.77	166	126	Vertical
4	8386.5	40.13	-41.53	36.61	-60.05	-25.00	35.05	124	353	Vertical
5	9651	37.42	-39.55	37.54	-59.86	-25.00	34.86	186	307	Vertical
6	11269	34.73	-37.41	38.73	-59.21	-25.00	34.21	219	233	Vertical



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Test Band = NSA 2A-N7A_ 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	4861	42.70	-45.53	31.09	-67.00	-25.00	42.00	133	288	Horizontal
2	6664.5	42.11	-44.00	34.60	-62.56	-25.00	37.56	256	7	Horizontal
3	7846	41.38	-42.54	36.74	-59.69	-25.00	34.69	148	0	Horizontal
4	9212.5	38.00	-40.25	36.70	-60.80	-25.00	35.80	172	288	Horizontal
5	11166.5	34.46	-37.58	38.72	-59.67	-25.00	34.67	169	0	Horizontal
6	13712.5	34.07	-36.19	40.38	-57.00	-25.00	32.00	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	4731	42.80	-45.58	30.81	-67.23	-25.00	42.23	154	144	Vertical
2	5573	42.84	-45.12	32.61	-64.92	-25.00	39.92	174	54	Vertical
3	6619	41.97	-44.25	34.51	-63.02	-25.00	38.02	126	360	Vertical
4	7199	41.13	-43.43	35.76	-61.80	-25.00	36.80	136	108	Vertical
5	8411	40.11	-41.47	36.59	-60.02	-25.00	35.02	256	180	Vertical
6	10351	35.95	-39.05	38.38	-59.98	-25.00	34.98	129	72	Vertical



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Test Band = NSA 2A-N7A_ 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	4577.5	43.55	-45.68	30.47	-66.92	-25.00	41.92	174	180	Horizontal
2	5557.5	42.46	-45.14	32.61	-65.33	-25.00	40.33	154	196	Horizontal
3	6346	42.33	-44.48	33.81	-63.60	-25.00	38.60	166	251	Horizontal
4	7433.5	42.20	-43.32	36.41	-59.97	-25.00	34.97	288	2	Horizontal
5	9264.5	38.35	-40.23	36.80	-60.34	-25.00	35.34	172	52	Horizontal
6	11141	34.81	-37.73	38.71	-59.47	-25.00	34.47	130	124	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	4481	43.71	-45.73	30.25	-67.03	-25.00	42.03	177	54	Vertical
2	5706.5	42.30	-44.84	32.64	-65.16	-25.00	40.16	148	360	Vertical
3	6725	42.40	-43.90	34.71	-62.06	-25.00	37.06	129	15	Vertical
4	7384	41.78	-43.46	36.28	-60.67	-25.00	35.67	133	325	Vertical
5	9251.5	38.04	-40.23	36.78	-60.68	-25.00	35.68	263	359	Vertical
6	11572.5	33.60	-37.01	38.76	-59.92	-25.00	34.92	154	71	Vertical



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Test Band = NSA 2A-N7A_ 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	4465	43.15	-45.75	30.22	-67.64	-25.00	42.64	233	287	Horizontal
2	5234	42.71	-45.22	31.96	-65.80	-25.00	40.80	125	181	Horizontal
3	6719	42.02	-43.88	34.69	-62.42	-25.00	37.42	147	252	Horizontal
4	7843.5	40.72	-42.53	36.74	-60.33	-25.00	35.33	156	181	Horizontal
5	9848	36.80	-39.41	37.91	-59.96	-25.00	34.96	190	342	Horizontal
6	12319	34.26	-37.44	38.90	-59.54	-25.00	34.54	142	324	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	43.94	-45.56	31.24	-65.64	-25.00	40.64	177	18	Vertical
2	5958.5	42.41	-44.89	32.69	-65.05	-25.00	40.05	159	273	Vertical
3	7321.5	41.05	-43.68	36.10	-61.79	-25.00	36.79	186	343	Vertical
4	8357	40.34	-41.69	36.62	-59.99	-25.00	34.99	251	359	Vertical
5	10342.5	35.56	-39.06	38.37	-60.38	-25.00	35.38	142	358	Vertical
6	14397	32.75	-34.84	41.06	-56.29	-25.00	31.29	103	289	Vertical



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Test Band = NSA 5A-N7A_ 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	4907.5	43.17	-45.54	31.20	-66.43	-25.00	41.43	241	181	Horizontal
2	5718.5	42.29	-44.83	32.64	-65.16	-25.00	40.16	123	1	Horizontal
3	7137	41.48	-43.92	35.58	-62.11	-25.00	37.11	213	0	Horizontal
4	9323	37.90	-40.13	36.91	-60.58	-25.00	35.58	302	234	Horizontal
5	10315.5	35.68	-39.08	38.36	-60.30	-25.00	35.30	170	309	Horizontal
6	12709	33.75	-36.69	39.01	-59.19	-25.00	34.19	182	164	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	4574.5	43.17	-45.68	30.46	-67.31	-25.00	42.31	166	358	Vertical
2	5568.5	42.18	-45.12	32.61	-65.59	-25.00	40.59	258	3	Vertical
3	6671	41.89	-43.97	34.61	-62.73	-25.00	37.73	147	233	Vertical
4	7865	40.58	-42.64	36.75	-60.58	-25.00	35.58	186	124	Vertical
5	10114	36.41	-39.17	38.26	-59.77	-25.00	34.77	192	358	Vertical
6	15787.5	32.50	-33.10	39.65	-56.22	-25.00	31.22	154	3	Vertical



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Test Band = NSA 5A-N7A_ 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	3949	43.50	-46.16	29.05	-68.87	-25.00	43.87	142	36	Horizontal
2	4631.5	42.72	-45.65	30.59	-67.60	-25.00	42.60	169	110	Horizontal
3	5855	42.94	-44.87	32.67	-64.52	-25.00	39.52	187	8	Horizontal
4	7637.5	40.96	-43.00	36.66	-60.65	-25.00	35.65	140	146	Horizontal
5	10332.5	35.65	-39.06	38.37	-60.31	-25.00	35.31	192	272	Horizontal
6	12821	33.94	-36.89	39.05	-59.16	-25.00	34.16	183	1	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	4079	43.28	-45.82	29.29	-68.51	-25.00	43.51	126	233	Vertical
2	5211	42.41	-45.26	31.91	-66.20	-25.00	41.20	148	181	Vertical
3	5829.5	42.18	-44.81	32.67	-65.23	-25.00	40.23	172	17	Vertical
4	7010.5	41.68	-43.62	35.23	-61.97	-25.00	36.97	123	341	Vertical
5	8409.5	40.43	-41.47	36.60	-59.70	-25.00	34.70	261	233	Vertical
6	12465.5	33.89	-37.16	38.94	-59.59	-25.00	34.59	182	53	Vertical



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Test Band = NSA 5A-N7A_ 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	4913.5	44.04	-45.54	31.21	-65.56	-25.00	40.56	241	305	Horizontal
2	6608	42.43	-44.31	34.49	-62.64	-25.00	37.64	163	17	Horizontal
3	7872	40.63	-42.68	36.75	-60.56	-25.00	35.56	259	142	Horizontal
4	9269.5	38.54	-40.23	36.81	-60.14	-25.00	35.14	144	17	Horizontal
5	10692.5	34.61	-37.92	38.55	-60.03	-25.00	35.03	122	52	Horizontal
6	13092	33.31	-37.03	39.27	-59.71	-25.00	34.71	166	1	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	4433.5	43.56	-45.78	30.14	-67.34	-25.00	42.34	222	252	Vertical
2	5444	43.08	-45.27	32.47	-64.99	-25.00	39.99	152	197	Vertical
3	6917.5	42.03	-44.00	35.05	-62.18	-25.00	37.18	141	252	Vertical
4	8341	40.15	-41.78	36.63	-60.26	-25.00	35.26	163	307	Vertical
5	10032	36.12	-39.20	38.22	-60.13	-25.00	35.13	185	124	Vertical
6	13387.5	33.35	-36.38	39.80	-58.49	-25.00	33.49	197	160	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
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	3.000000	0.001183	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	1.400000	0.000552	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-3.700000	-0.001460	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VH	NT	1.300000	0.000513	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VN	NT	2.500000	0.000986	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VL	NT	-7.800000	-0.003077	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	0.800000	0.000316	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	1.300000	0.000513	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	5.900000	0.002327	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	1.900000	0.000750	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	0.600000	0.000237	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	3.700000	0.001460	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-0.800000	-0.000316	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-2.800000	-0.001105	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-2.400000	-0.000947	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-30	-6.900000	-0.002722	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-20	-0.300000	-0.000118	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-10	-0.500000	-0.000197	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	0	0.100000	0.000039	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	10	-2.700000	-0.001065	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	20	0.800000	0.000316	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	30	-2.700000	-0.001065	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	40	0.700000	0.000276	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	50	-5.200000	-0.002051	PASS

---End of Attachment---



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