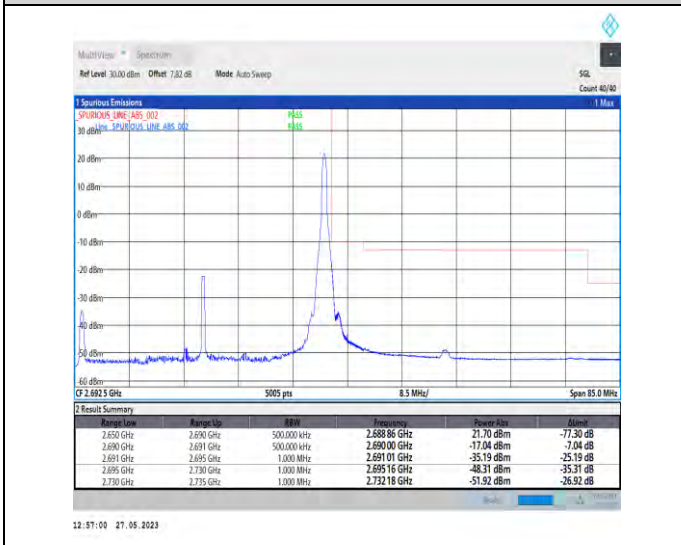


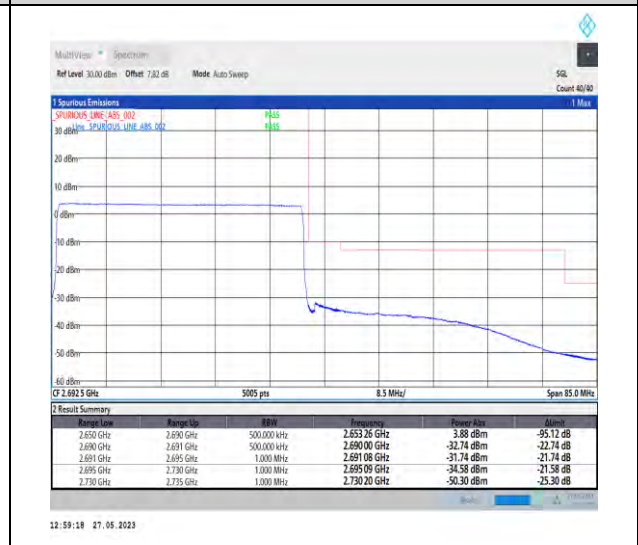
1-N41-PC3-30-40-H-2-DFT-PI2BPSK-Edge_1RB_Right -1@105-1--PASS-see graph



1-N41-PC3-30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-1--PASS-see graph



1-N41-PC3-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-1--PASS-see graph



1-N41-PC3-30-40-H-6-CP-QPSK-Outer_Full-100@0-1--PASS-see graph



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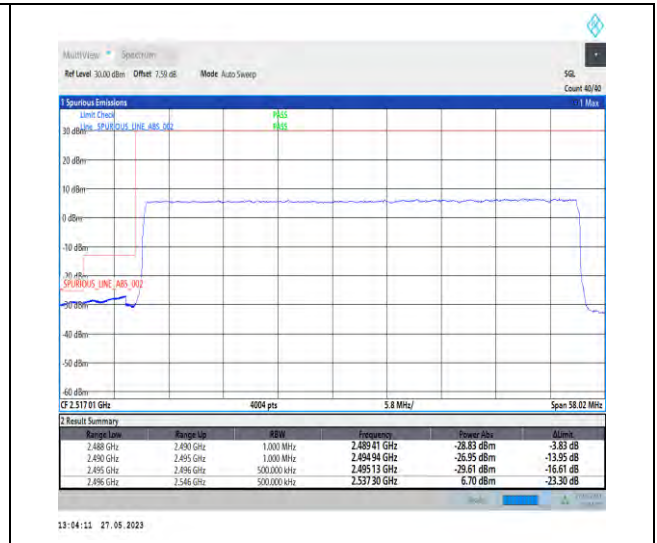
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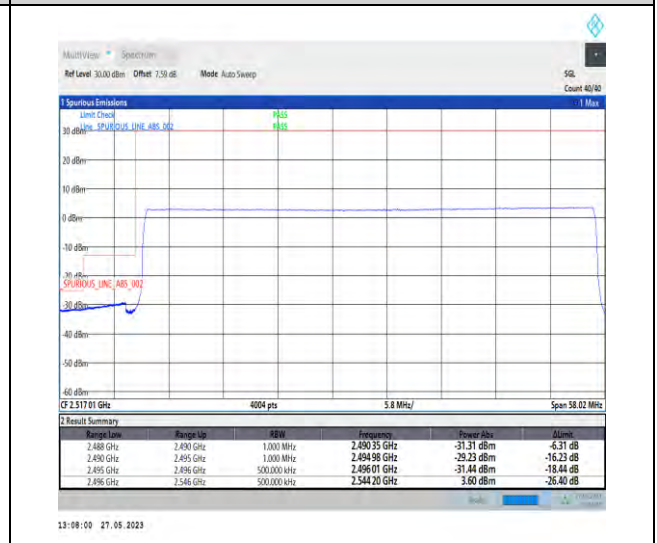
1-N41-PC3-30-50-L-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-1--PASS-see graph



1-N41-PC3-30-50-L-3-DFT-PI2BPSK-Outer_Full-12
8@0-1--PASS-see graph



1-N41-PC3-30-50-L-4-CP-QPSK-Edge_1RB_Left-1@
0-1--PASS-see graph

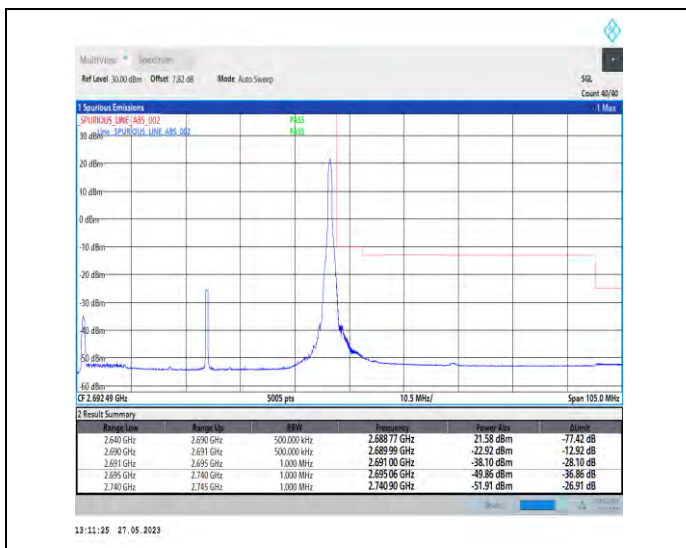


1-N41-PC3-30-50-L-6-CP-QPSK-Outer_Full-133@
0-1--PASS-see graph



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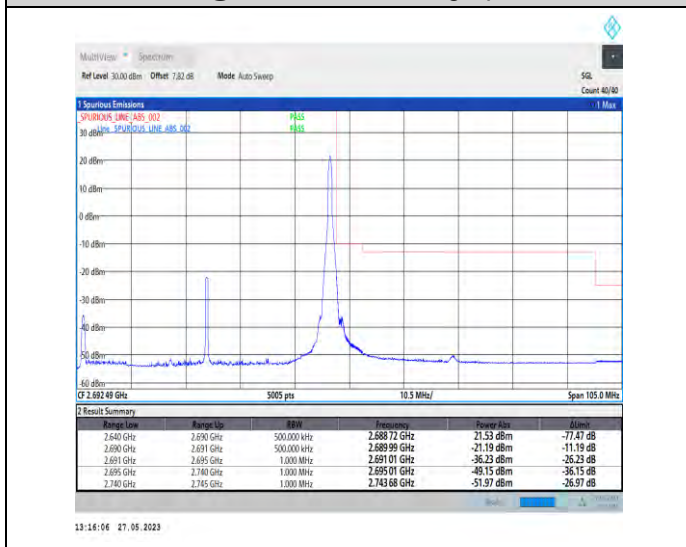
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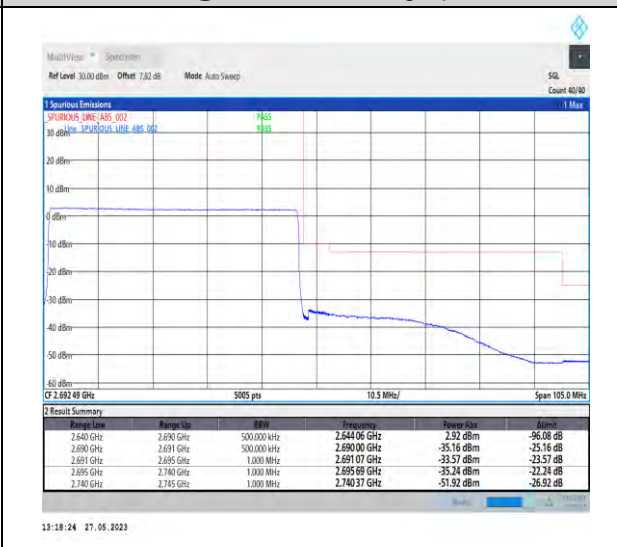
1-N41-PC3-30-50-H-2-DFT-PI2BPSK-Edge_1RB_Right
 -1@132-1--PASS-see graph



1-N41-PC3-30-50-H-3-DFT-PI2BPSK-Outer_Full-1
 28@0-1--PASS-see graph



1-N41-PC3-30-50-H-5-CP-QPSK-Edge_1RB_Right-1@
 132-1--PASS-see graph



1-N41-PC3-30-50-H-6-CP-QPSK-Outer_Full-133
 @0-1--PASS-see graph

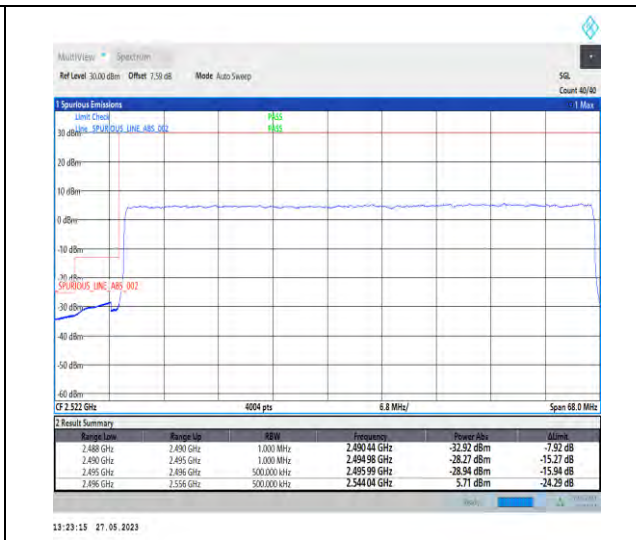


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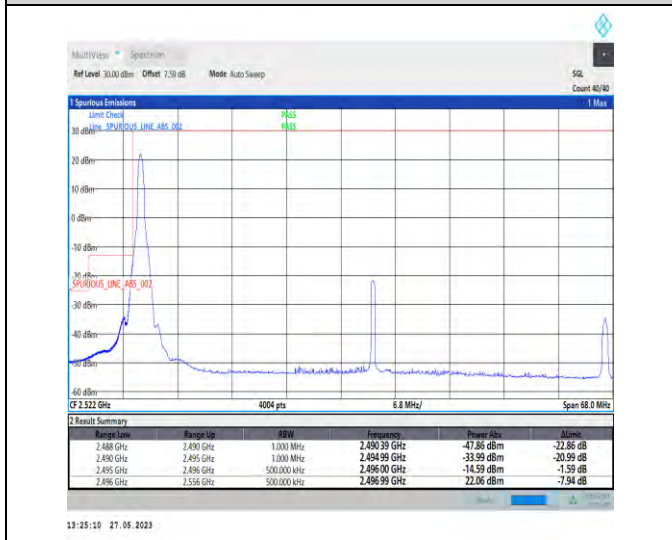
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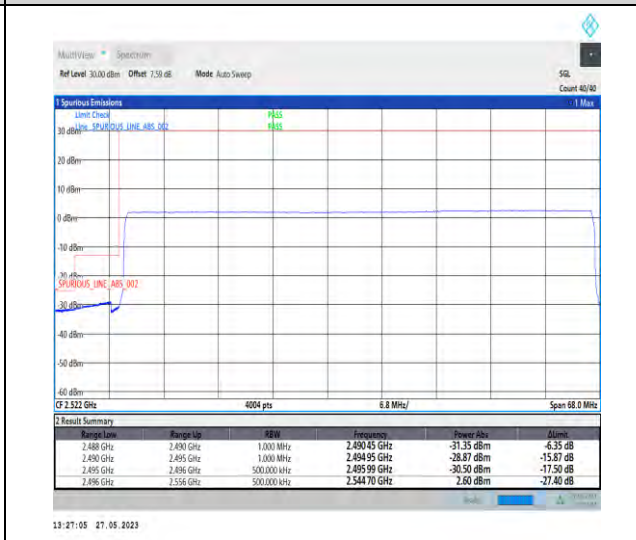
1-N41-PC3-30-60-L-1-DFT-PI2BPSK-Edge_1RB_Left
 -1@0-1--PASS-see graph



1-N41-PC3-30-60-L-3-DFT-PI2BPSK-Outer_Full-16
 2@0-1--PASS-see graph



1-N41-PC3-30-60-L-4-CP-QPSK-Edge_1RB_Left-1@
 0-1--PASS-see graph

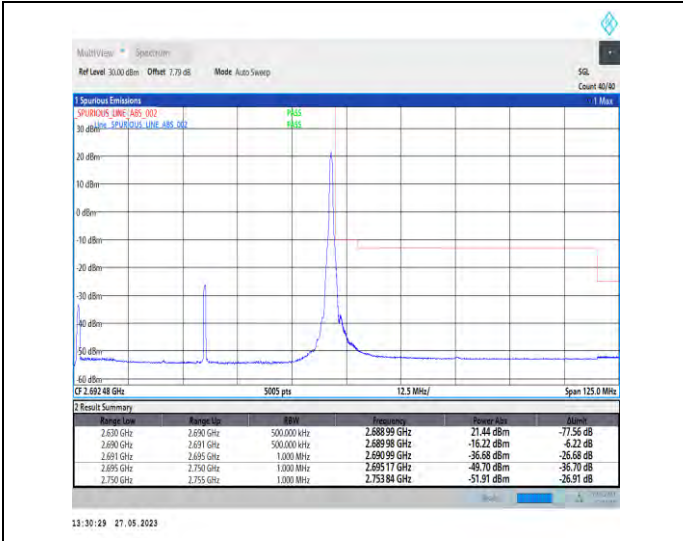


1-N41-PC3-30-60-L-6-CP-QPSK-Outer_Full-162@
 0-1--PASS-see graph

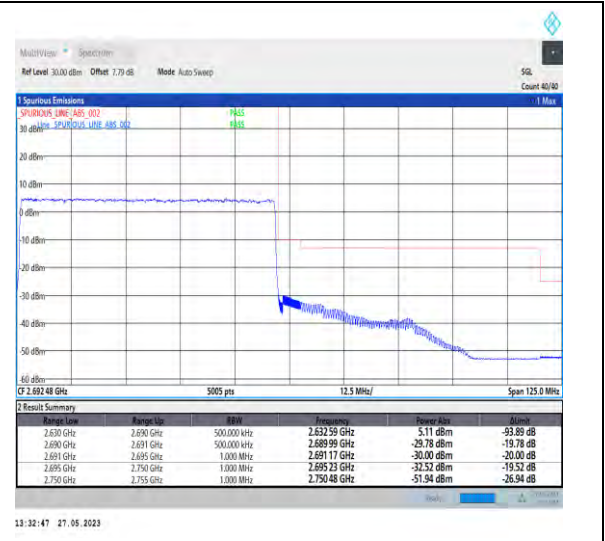


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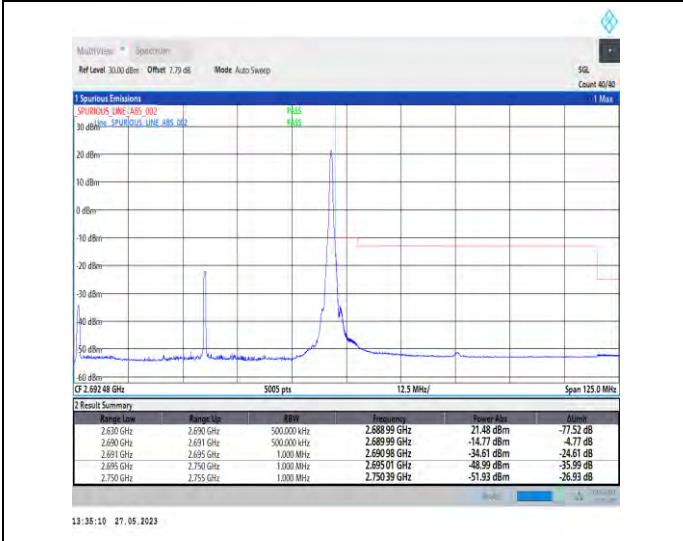
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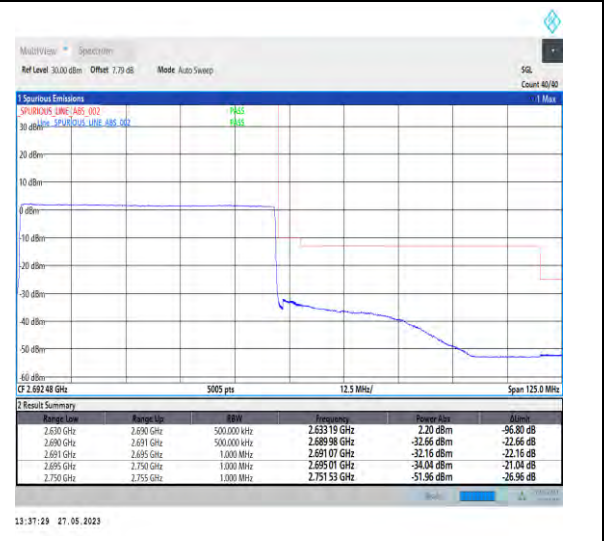
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-1@161-1--PASS-see graph



1-N41-PC3-30-60-H-3-DFT-PI2BPSK-Outer_Full-1
62@0-1--PASS-see graph



1-N41-PC3-30-60-H-5-CP-QPSK-Edge_1RB_Right-1@
161-1--PASS-see graph



1-N41-PC3-30-60-H-6-CP-QPSK-Outer_Full-162
@0-1--PASS-see graph

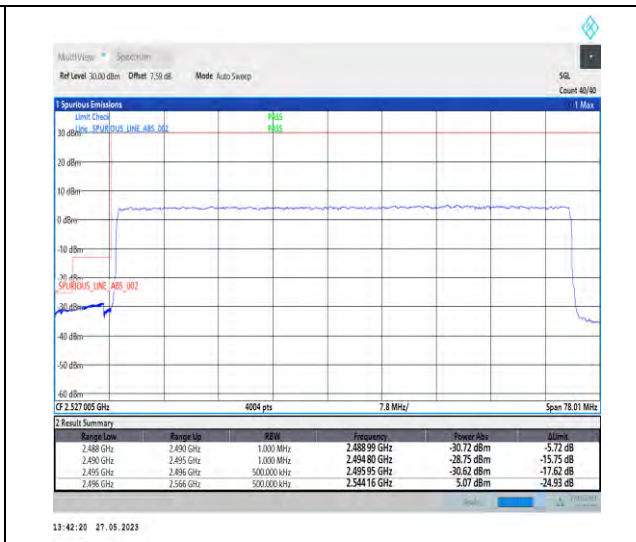


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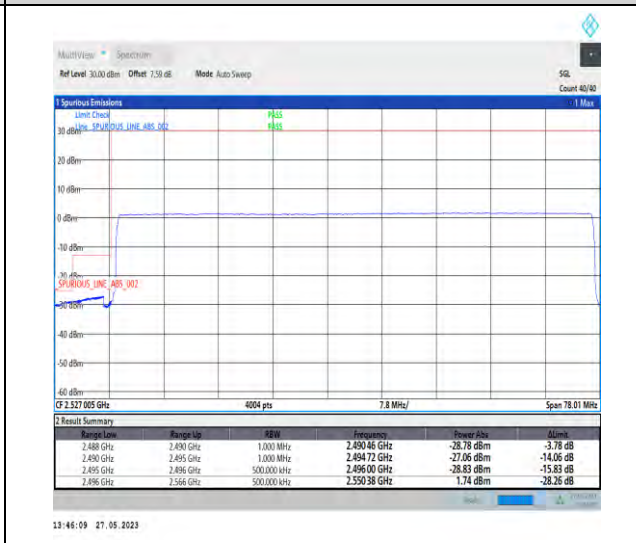
1-N41-PC3-30-70-L-1-DFT-PI2BPSK-Edge_1RB_Left
 -1@0-1--PASS-see graph



1-N41-PC3-30-70-L-3-DFT-PI2BPSK-Outer_Full-18
 0@0-1--PASS-see graph



1-N41-PC3-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@
 0-1--PASS-see graph

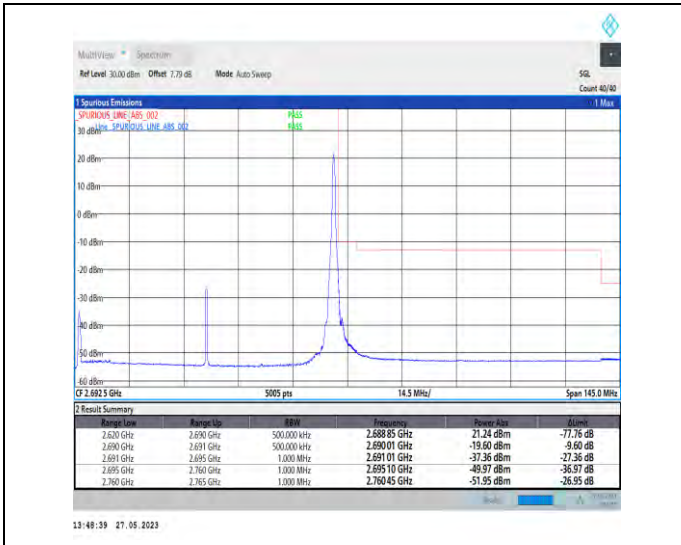


1-N41-PC3-30-70-L-6-CP-QPSK-Outer_Full-189@
 0-1--PASS-see graph



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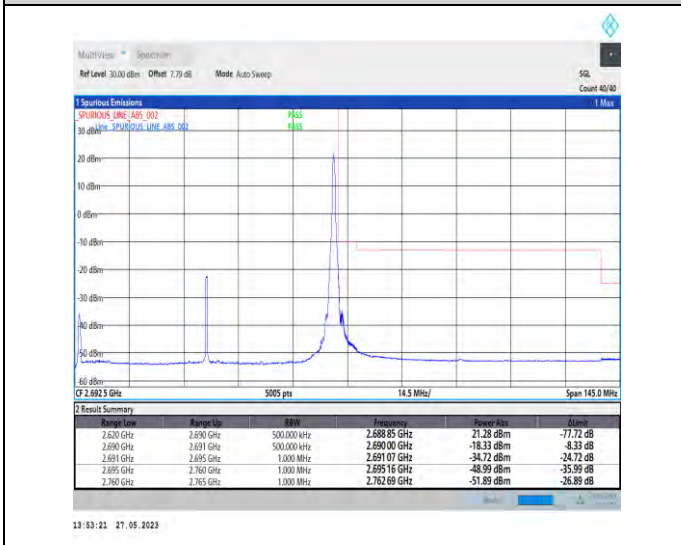
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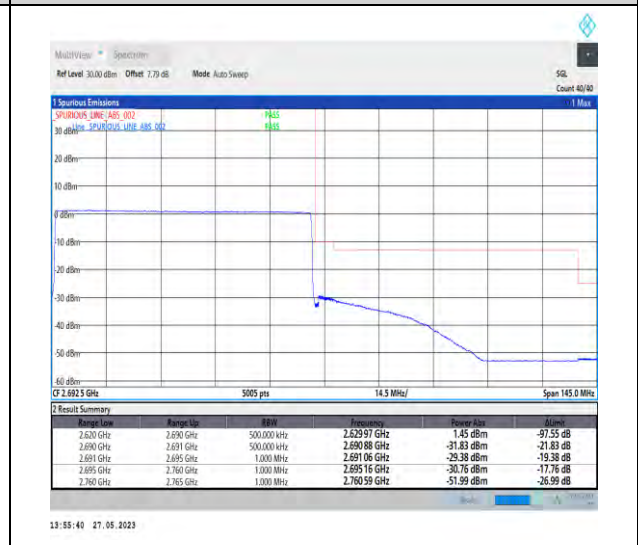
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-1@188-1--PASS-see graph



1-N41-PC3-30-70-H-3-DFT-PI2BPSK-Outer_Full-1
80@0-1--PASS-see graph



1-N41-PC3-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@
188-1--PASS-see graph



1-N41-PC3-30-70-H-6-CP-QPSK-Outer_Full-189
@0-1--PASS-see graph

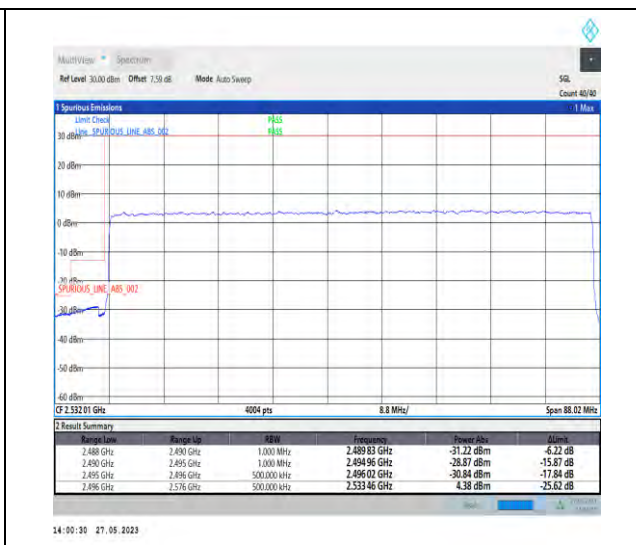


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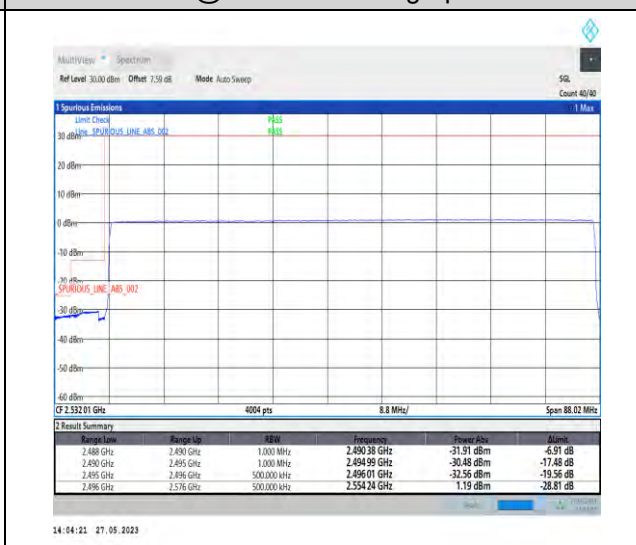
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 -1@0-1--PASS-see graph



1-N41-PC3-30-80-L-3-DFT-PI2BPSK-Outer_Full-21
 6@0-1--PASS-see graph



1-N41-PC3-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@
 0-1--PASS-see graph

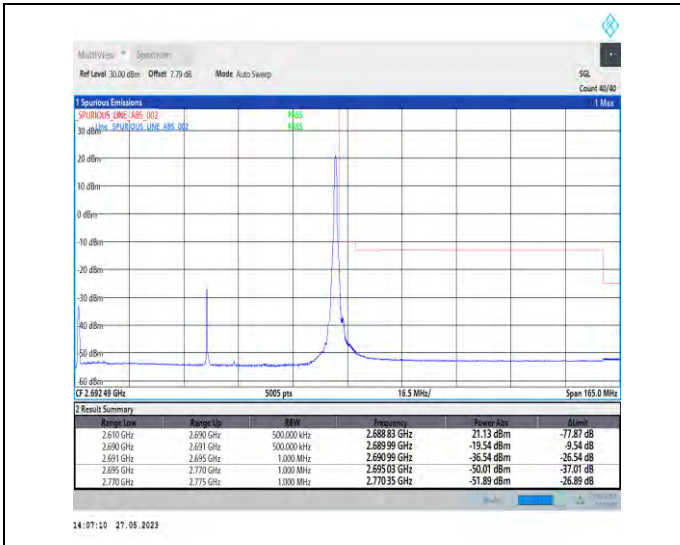


1-N41-PC3-30-80-L-6-CP-QPSK-Outer_Full-217@
 0-1--PASS-see graph



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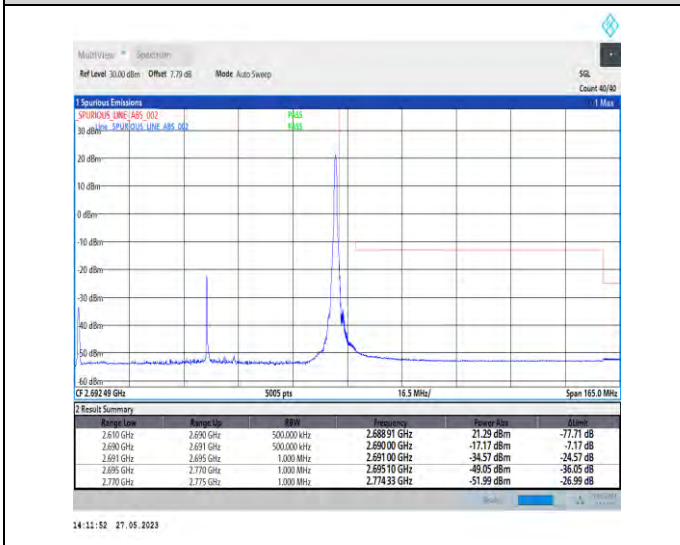
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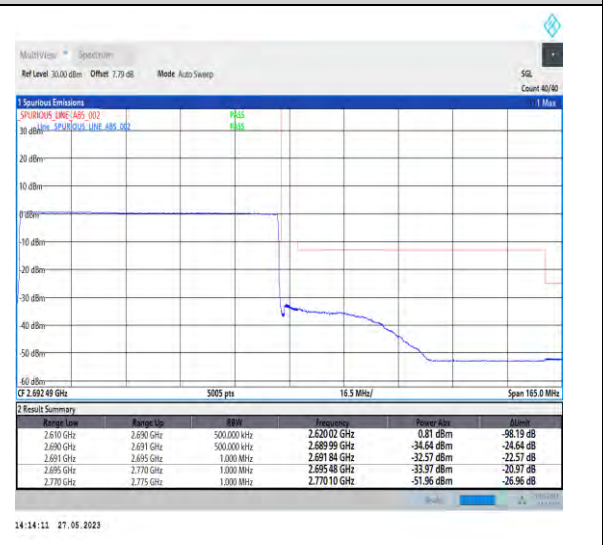
1-N41-PC3-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Right
-1@216-1--PASS-see graph



1-N41-PC3-30-80-H-3-DFT-PI2BPSK-Outer_Full-2
16@0-1--PASS-see graph



1-N41-PC3-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@
216-1--PASS-see graph



1-N41-PC3-30-80-H-6-CP-QPSK-Outer_Full-217
@0-1--PASS-see graph

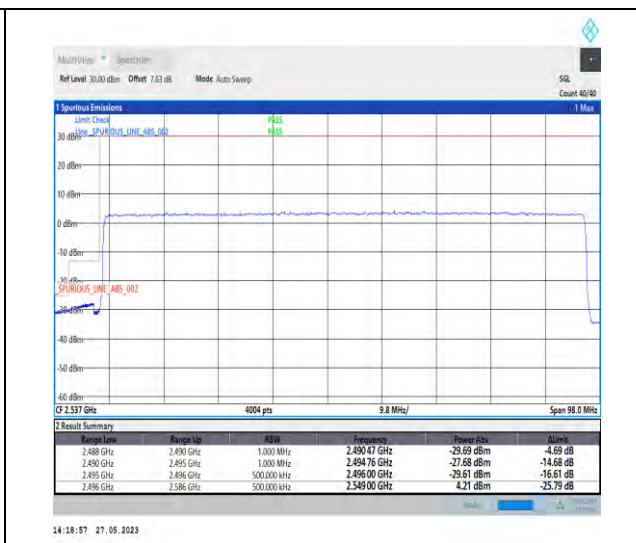


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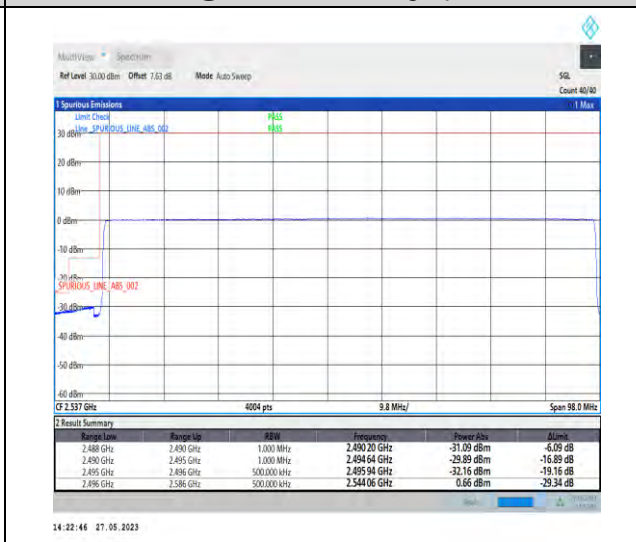
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 -1@0-1--PASS-see graph



1-N41-PC3-30-90-L-3-DFT-PI2BPSK-Outer_Full-24
 0@0-1--PASS-see graph



1-N41-PC3-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@
 0-1--PASS-see graph

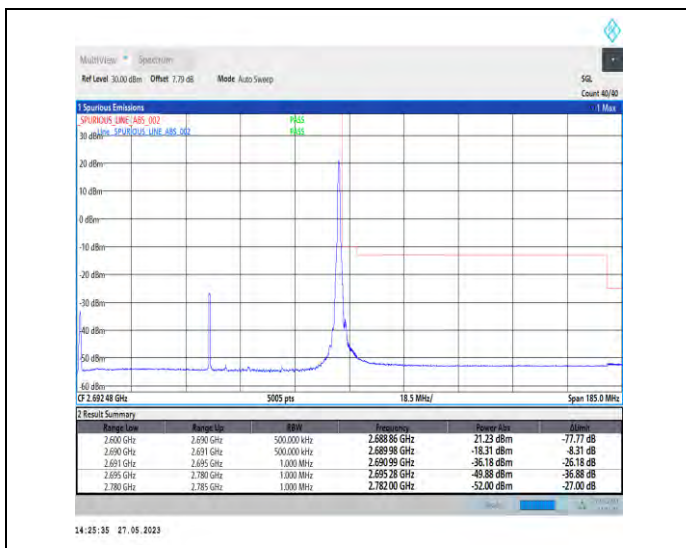


1-N41-PC3-30-90-L-6-CP-QPSK-Outer_Full-245@
 0-1--PASS-see graph



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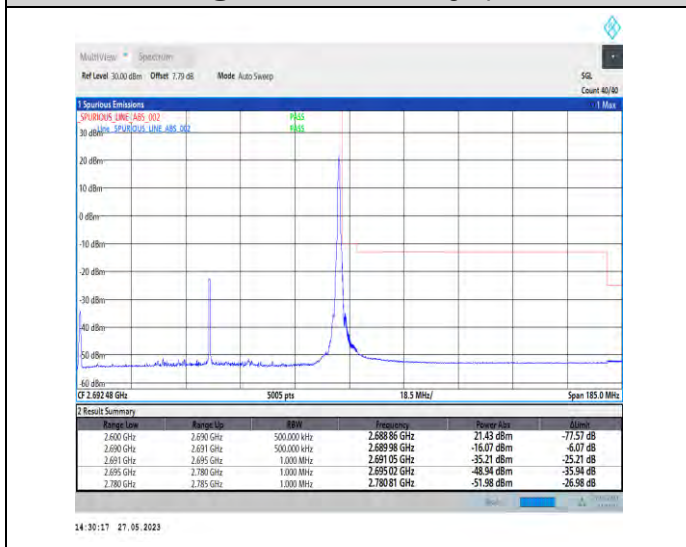
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1-N41-PC3-30-90-H-2-DFT-PI2BPSK-Edge_1RB_Right
 -1@244-1--PASS-see graph



1-N41-PC3-30-90-H-3-DFT-PI2BPSK-Outer_Full-2
 40@0-1--PASS-see graph



1-N41-PC3-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@
 244-1--PASS-see graph



1-N41-PC3-30-90-H-6-CP-QPSK-Outer_Full-245
 @0-1--PASS-see graph



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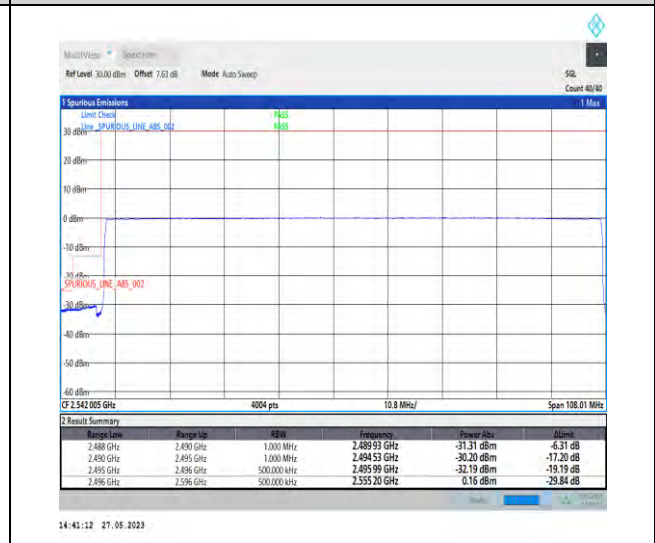
1-N41-PC3-30-100-L-1-DFT-PI2BPSK-Edge_1RB_Le ft-1@0-1--PASS-see graph



1-N41-PC3-30-100-L-3-DFT-PI2BPSK-Outer_Full-2 70@0-1--PASS-see graph



1-N41-PC3-30-100-L-4-CP-QPSK-Edge_1RB_Left-1 @0-1--PASS-see graph

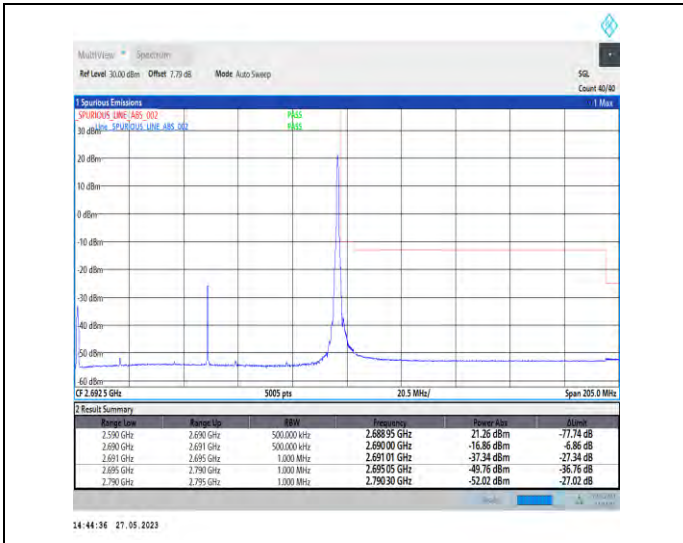


1-N41-PC3-30-100-L-6-CP-QPSK-Outer_Full-273@ 0-1--PASS-see graph

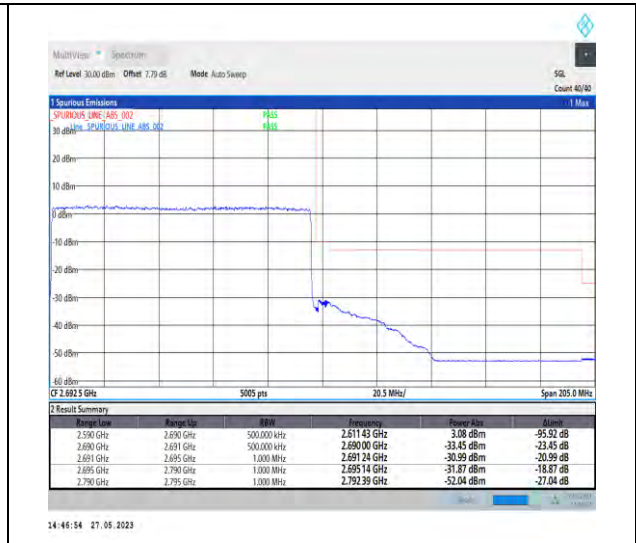


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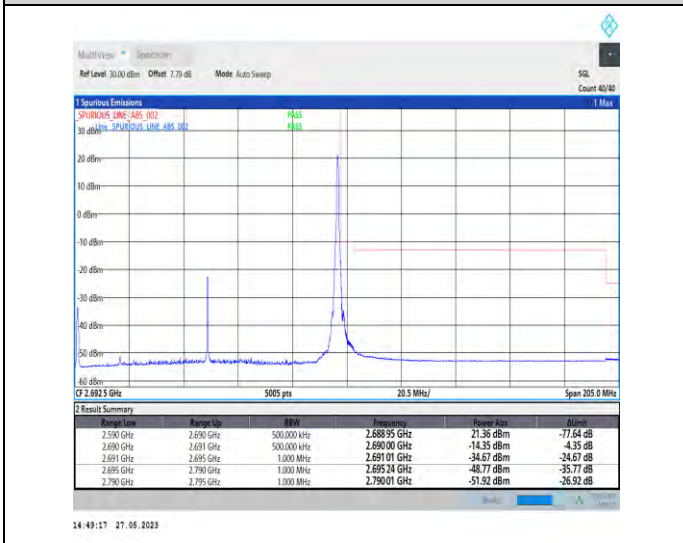
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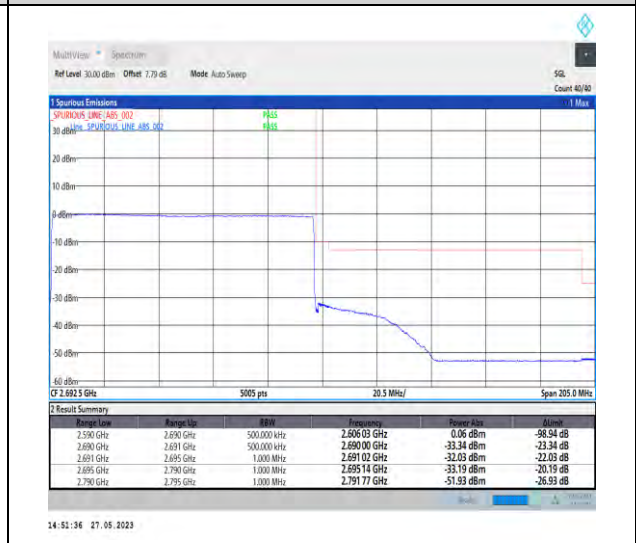
1-N41-PC3-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Rig ht-1@272-1--PASS-see graph



1-N41-PC3-30-100-H-3-DFT-PI2BPSK-Outer_Full- 270@0-1--PASS-see graph



1-N41-PC3-30-100-H-5-CP-QPSK-Edge_1RB_Right-1 @272-1--PASS-see graph



1-N41-PC3-30-100-H-6-CP-QPSK-Outer_Full-273 @0-1--PASS-see graph



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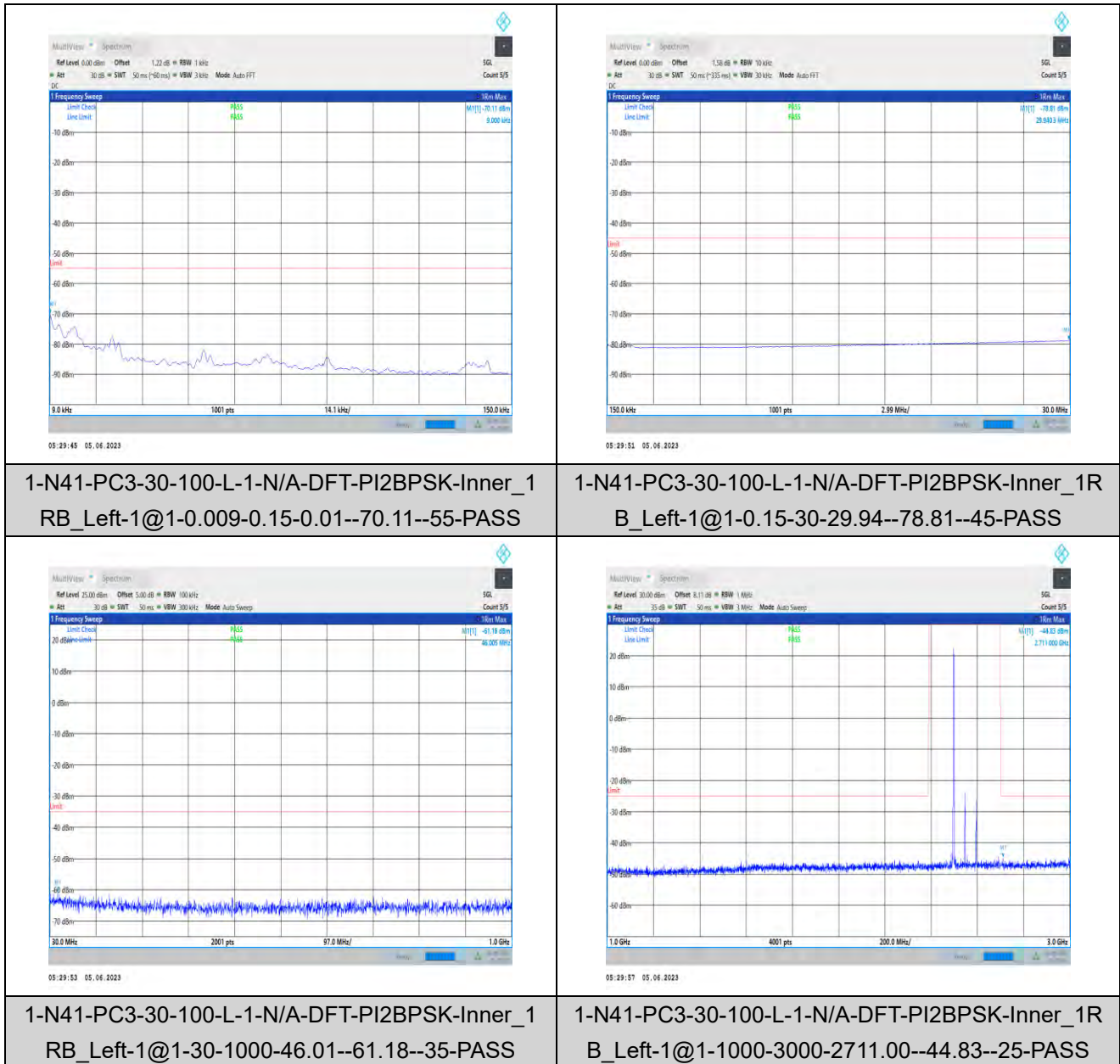
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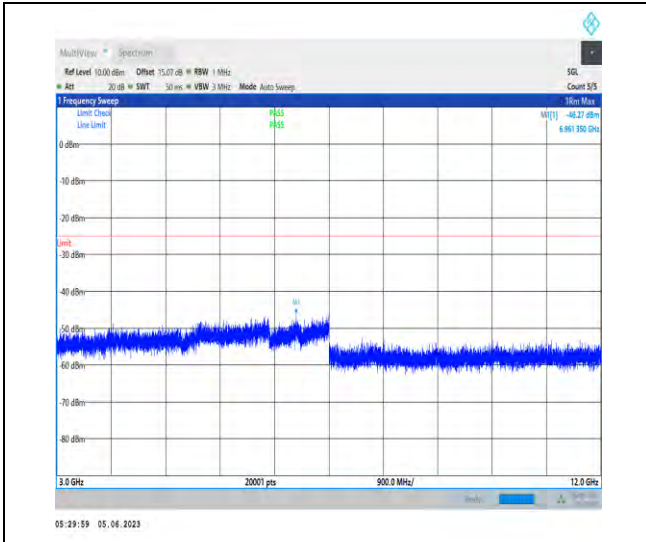
Conducted Spurious Emission for SA

Test Graphs

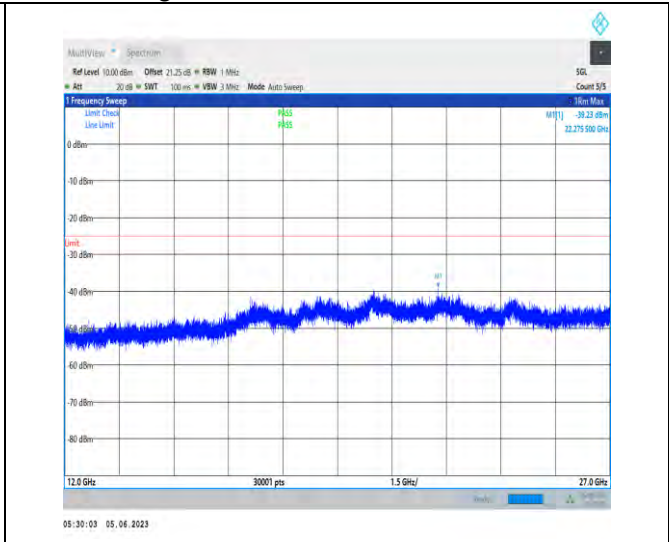


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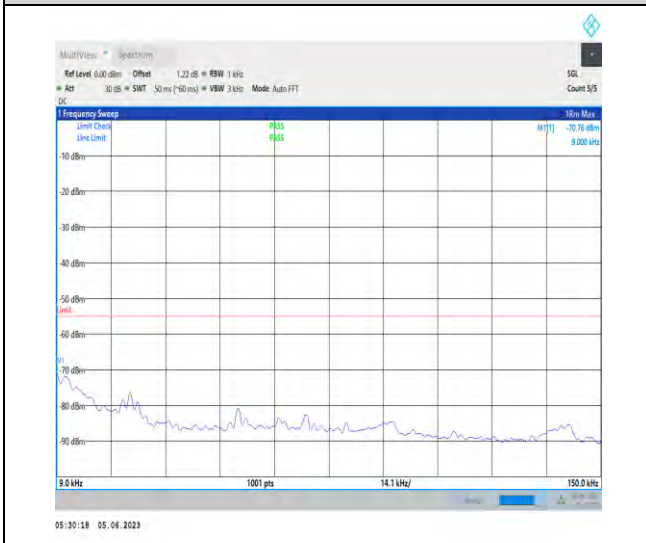
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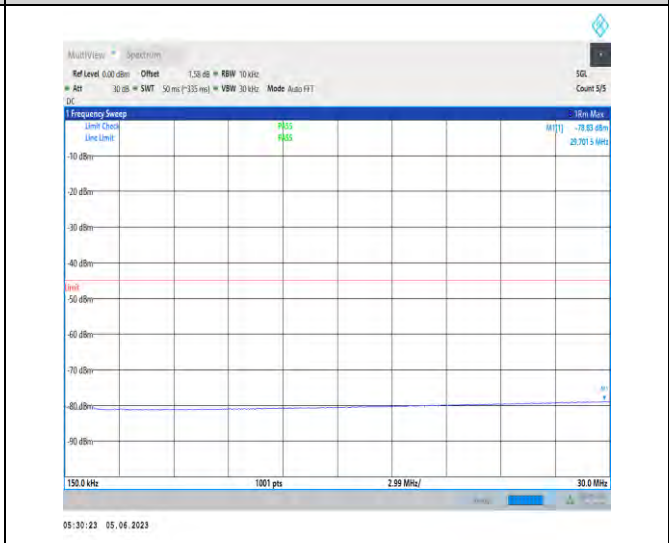
1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-3000-12000-6961.35--46.27--25-PAS
S



1-N41-PC3-30-100-L-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-12000-27000-22275.50--39.23--25-PAS
S



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-0.009-0.15-0.01--70.76--55-PASS

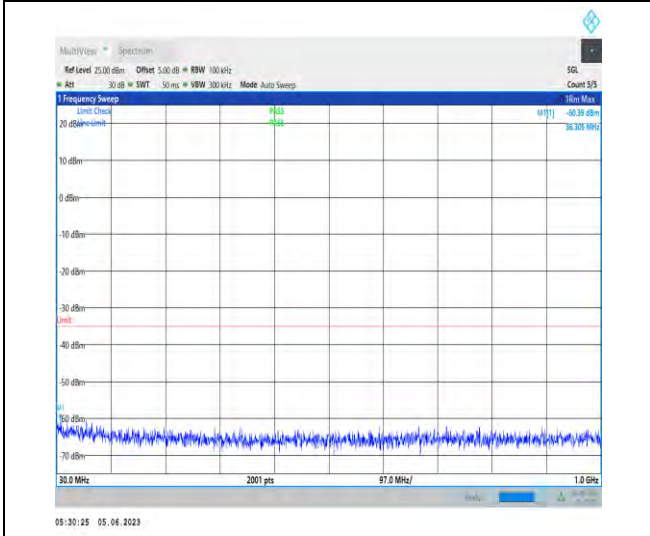


1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-0.15-30-29.70--78.83--45-PASS

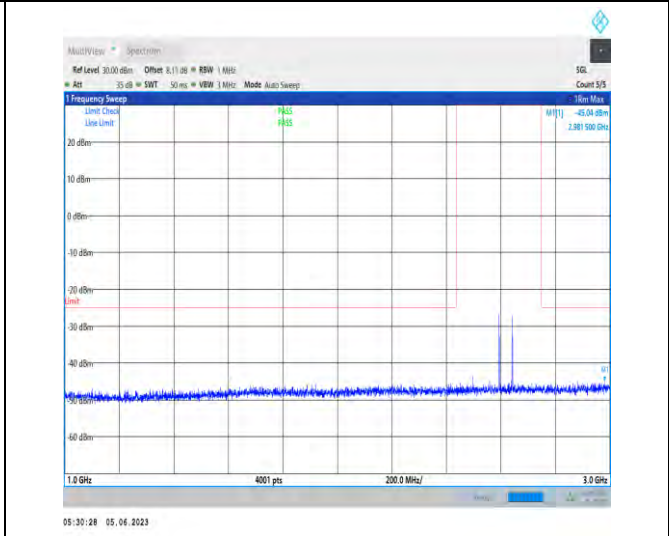


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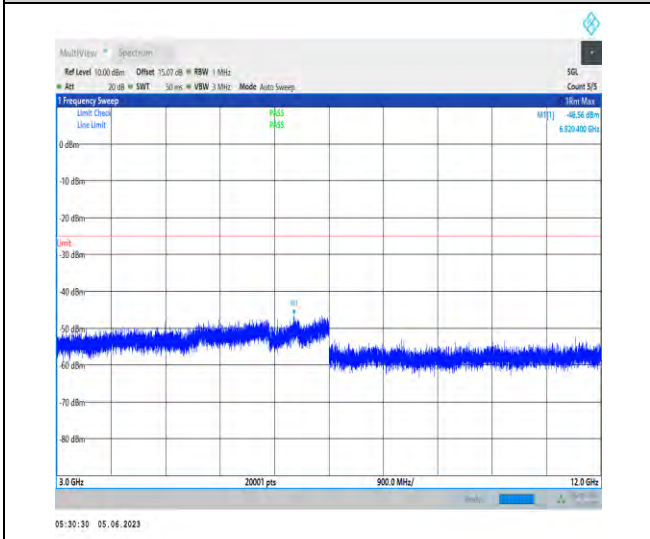
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1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-30-1000-36.31--60.39--35-PASS

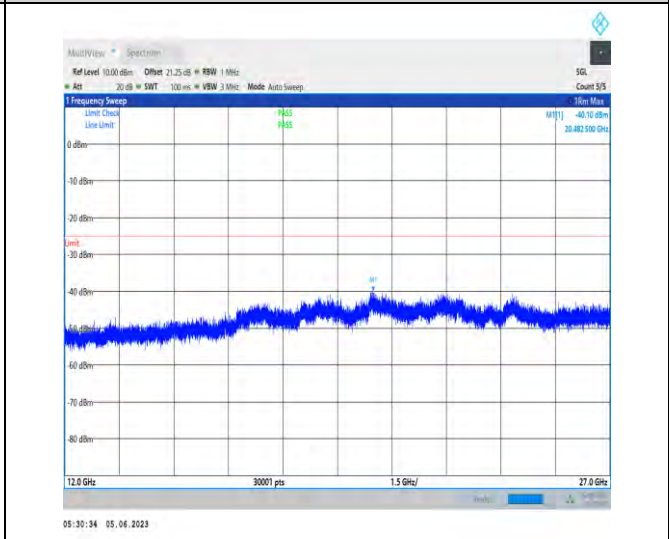


1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-1000-3000-2981.50--45.04--25-PASS



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-3000-12000-6920.40--46.56--25-PAS

S



1-N41-PC3-30-100-M-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-12000-27000-20482.50--40.10--25-PAS

S

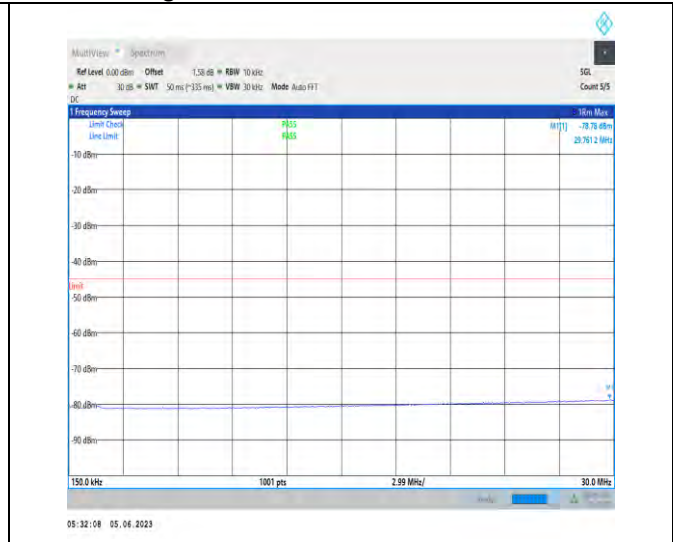


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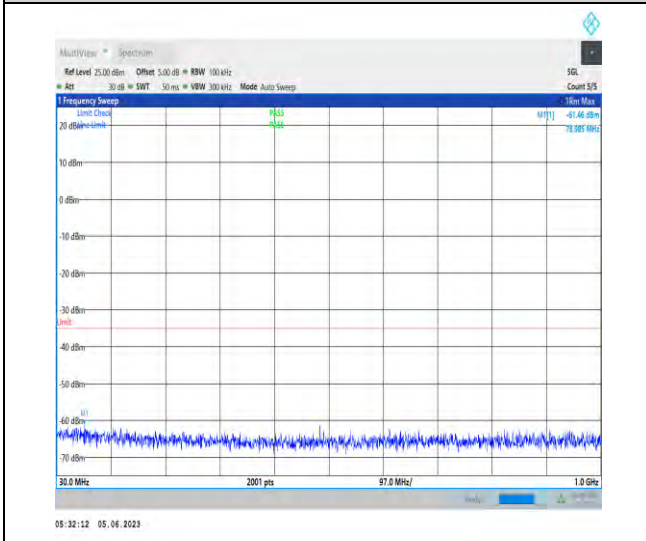
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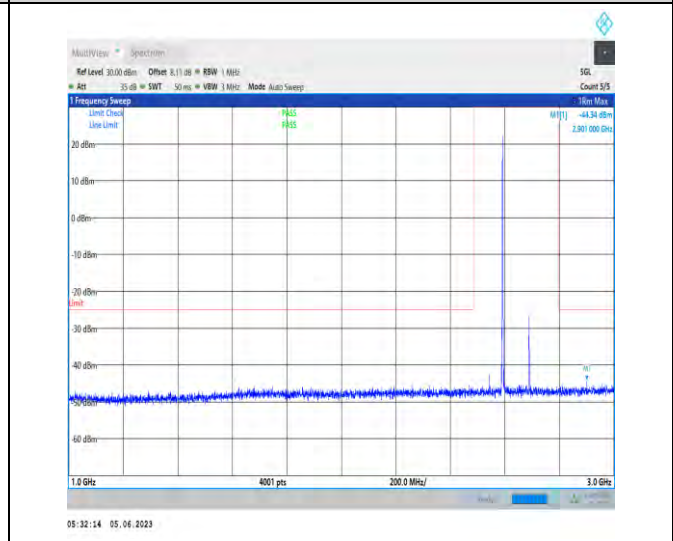
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RB_Left-1@1-0.009-0.15-0.01--73.40--55-PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-0.15-30-29.76--78.78--45-PASS



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1
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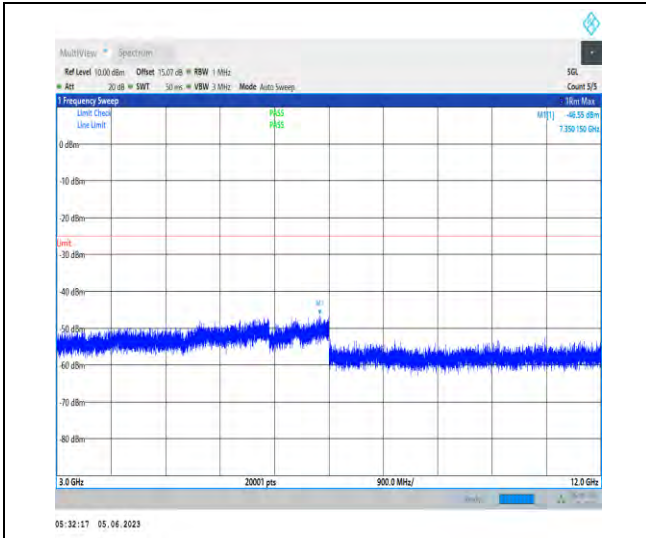


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B_Left-1@1-1000-3000-2901.00--44.34--25-PASS

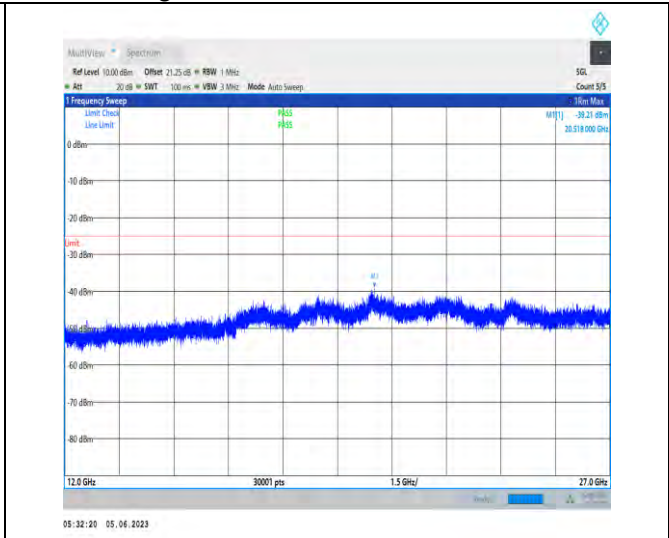


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1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1
RB_Left-1@1-3000-12000-7350.15--46.55--25-PAS
S



1-N41-PC3-30-100-H-1-N/A-DFT-PI2BPSK-Inner_1R
B_Left-1@1-12000-27000-20518.00--39.21--25-PAS
S



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Field Strength of Spurious Radiation

Test Band = n41_100MHz_TM1

Test Channel = Low ANT12

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	41.23	-45.63	32.88	-66.78	-25.00	41.78	145	358	Horizontal
2	7503.3000	38.95	-43.13	36.44	-63.00	-25.00	38.00	128	306	Horizontal
3	10004.4000	34.37	-39.23	38.50	-61.63	-25.00	36.63	186	359	Horizontal
4	12505.5000	29.10	-36.99	39.18	-63.97	-25.00	38.97	123	360	Horizontal
5	15006.6000	26.60	-34.65	39.21	-64.10	-25.00	39.10	261	287	Horizontal
6	17507.7000	29.95	-34.95	39.22	-61.04	-25.00	36.04	192	18	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	41.83	-45.63	32.88	-66.18	-25.00	41.18	187	90	Vertical
2	7503.3000	39.46	-43.13	36.44	-62.49	-25.00	37.49	195	234	Vertical
3	10004.4000	33.90	-39.23	38.50	-62.10	-25.00	37.10	148	142	Vertical
4	12505.5000	28.69	-36.99	39.18	-64.38	-25.00	39.38	176	7	Vertical
5	15006.6000	26.09	-34.65	39.21	-64.61	-25.00	39.61	153	90	Vertical
6	17507.7000	30.03	-34.95	39.22	-60.96	-25.00	35.96	128	0	Vertical



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Test Band = n41_100MHz _ TM1

Test Channel = Mid ANT12

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	40.90	-45.38	32.93	-66.81	-25.00	41.81	244	90	Horizontal
2	7644.2400	39.42	-43.01	36.48	-62.38	-25.00	37.38	153	306	Horizontal
3	10192.3200	33.38	-39.47	38.80	-62.55	-25.00	37.55	162	72	Horizontal
4	12740.4000	28.89	-36.74	39.53	-63.58	-25.00	38.58	185	325	Horizontal
5	15288.4800	26.83	-34.36	38.84	-63.95	-25.00	38.95	166	358	Horizontal
6	17836.5600	32.03	-34.59	41.08	-56.73	-25.00	31.73	298	127	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	40.79	-45.38	32.93	-66.92	-25.00	41.92	284	16	Vertical
2	7644.2400	39.07	-43.01	36.48	-62.73	-25.00	37.73	175	16	Vertical
3	10192.3200	32.61	-39.47	38.80	-63.32	-25.00	38.32	142	16	Vertical
4	12740.4000	29.62	-36.74	39.53	-62.85	-25.00	37.85	159	144	Vertical
5	15288.4800	26.31	-34.36	38.84	-64.47	-25.00	39.47	163	341	Vertical
6	17836.5600	31.38	-34.59	41.08	-57.38	-25.00	32.38	253	356	Vertical



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Test Band = n41_100MHz _ TM1

Test Channel = High ANT12

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4421	43.31	-45.80	31.53	-66.22	-25.00	41.22	266	360	Horizontal
2	5190.1800	40.11	-45.29	32.98	-67.45	-25.00	42.45	152	269	Horizontal
3	7785.2700	39.50	-42.43	36.75	-61.44	-25.00	36.44	184	269	Horizontal
4	10380.3600	33.14	-39.03	38.86	-62.29	-25.00	37.29	172	306	Horizontal
5	12975.4500	30.55	-37.28	39.81	-62.18	-25.00	37.18	130	233	Horizontal
6	15570.5400	26.59	-35.08	38.48	-65.27	-25.00	40.27	129	72	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3968	43.42	-46.12	30.72	-67.23	-25.00	42.23	241	106	Vertical
2	5190.1800	40.95	-45.29	32.98	-66.61	-25.00	41.61	174	356	Vertical
3	7785.2700	38.70	-42.43	36.75	-62.24	-25.00	37.24	156	34	Vertical
4	10380.3600	32.95	-39.03	38.86	-62.48	-25.00	37.48	163	252	Vertical
5	12975.4500	29.23	-37.28	39.81	-63.50	-25.00	38.50	259	53	Vertical
6	15570.5400	26.20	-35.08	38.48	-65.66	-25.00	40.66	185	342	Vertical



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Test Band = NSA 4A-n41A_ TM1

Test Channel = Low

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	41.62	-45.63	31.41	-67.87	-25.00	42.87	248	53	Horizontal
2	7503.3000	39.55	-43.13	36.60	-62.24	-25.00	37.24	174	53	Horizontal
3	10004.4000	35.72	-39.23	38.20	-60.57	-25.00	35.57	166	108	Horizontal
4	12505.5000	33.17	-36.99	38.95	-60.13	-25.00	35.13	159	307	Horizontal
5	15006.6000	30.66	-34.65	41.29	-57.97	-25.00	32.97	182	288	Horizontal
6	17507.7000	33.23	-34.95	44.59	-52.39	-25.00	27.39	148	199	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	42.12	-45.63	31.41	-67.37	-25.00	42.37	244	252	Vertical
2	7503.3000	39.78	-43.13	36.60	-62.01	-25.00	37.01	158	360	Vertical
3	10004.4000	35.18	-39.23	38.20	-61.11	-25.00	36.11	175	215	Vertical
4	12505.5000	32.43	-36.99	38.95	-60.87	-25.00	35.87	145	91	Vertical
5	15006.6000	31.02	-34.65	41.29	-57.61	-25.00	32.61	192	73	Vertical
6	17507.7000	31.92	-34.95	44.59	-53.70	-25.00	28.70	156	36	Vertical



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Test Band = NSA 4A-n41A_ TM1

Test Channel = Mid

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	41.02	-45.38	31.63	-67.99	-25.00	42.99	244	127	Horizontal
2	7644.2400	39.19	-43.01	36.66	-62.43	-25.00	37.43	174	252	Horizontal
3	10192.3200	35.45	-39.47	38.30	-60.99	-25.00	35.99	158	163	Horizontal
4	12740.4000	32.14	-36.74	39.02	-60.84	-25.00	35.84	186	2	Horizontal
5	15288.4800	30.01	-34.36	40.69	-58.92	-25.00	33.92	126	0	Horizontal
6	17836.5600	32.69	-34.59	46.07	-51.09	-25.00	26.09	153	0	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	41.25	-45.38	31.63	-67.76	-25.00	42.76	145	359	Vertical
2	7644.2400	40.16	-43.01	36.66	-61.46	-25.00	36.46	184	36	Vertical
3	10192.3200	35.04	-39.47	38.30	-61.40	-25.00	36.40	175	179	Vertical
4	12740.4000	31.65	-36.74	39.02	-61.33	-25.00	36.33	126	270	Vertical
5	15288.4800	30.67	-34.36	40.69	-58.26	-25.00	33.26	189	234	Vertical
6	17836.5600	33.23	-34.59	46.07	-50.55	-25.00	25.55	193	358	Vertical



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Test Band = NSA 4A-n41A_ TM1

Test Channel = High

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4281	43.34	-45.58	29.77	-67.73	-25.00	42.73	184	19	Horizontal
2	5190.1800	41.37	-45.29	31.86	-67.32	-25.00	42.32	175	234	Horizontal
3	7785.2700	40.08	-42.43	36.71	-60.89	-25.00	35.89	166	357	Horizontal
4	10380.3600	34.78	-39.03	38.39	-61.12	-25.00	36.12	259	324	Horizontal
5	12975.4500	31.79	-37.28	39.09	-61.65	-25.00	36.65	182	0	Horizontal
6	15570.5400	30.30	-35.08	40.10	-59.94	-25.00	34.94	136	357	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5190.1800	41.23	-45.29	31.86	-67.46	-25.00	42.46	148	269	Vertical
2	7785.2700	39.95	-42.43	36.71	-61.02	-25.00	36.02	177	288	Vertical
3	10380.3600	35.24	-39.03	38.39	-60.66	-25.00	35.66	156	35	Vertical
4	11499.5	33.77	-37.31	38.75	-60.05	-25.00	35.05	192	360	Vertical
5	12975.4500	31.97	-37.28	39.09	-61.47	-25.00	36.47	143	288	Vertical
6	15570.5400	30.16	-35.08	40.10	-60.08	-25.00	35.08	168	269	Vertical



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Test Band = NSA 26A-n41A_ TM1

Test Channel = LOW

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	40.96	-45.63	31.41	-68.53	-25.00	43.53	112	18	Horizontal
2	7503.3000	38.88	-43.13	36.60	-62.91	-25.00	37.91	187	197	Horizontal
3	10004.4000	32.86	-39.23	38.20	-63.43	-25.00	38.43	154	0	Horizontal
4	12505.5000	27.52	-36.99	38.95	-65.78	-25.00	40.78	166	107	Horizontal
5	15006.6000	25.24	-34.65	41.29	-63.39	-25.00	38.39	284	197	Horizontal
6	17507.7000	27.62	-34.95	44.59	-58.00	-25.00	33.00	214	2	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	41.46	-45.63	31.41	-68.03	-25.00	43.03	221	160	Vertical
2	7503.3000	38.25	-43.13	36.60	-63.54	-25.00	38.54	147	251	Vertical
3	10004.4000	31.99	-39.23	38.20	-64.30	-25.00	39.30	262	88	Vertical
4	12505.5000	26.90	-36.99	38.95	-66.40	-25.00	41.40	158	53	Vertical
5	15006.6000	24.82	-34.65	41.29	-63.81	-25.00	38.81	166	3	Vertical
6	17507.7000	27.09	-34.95	44.59	-58.53	-25.00	33.53	132	360	Vertical



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Test Band = NSA 26A-n41A_TM1

Test Channel = MID

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	40.65	-45.38	31.63	-68.36	-25.00	43.36	154	217	Horizontal
2	7644.2400	38.27	-43.01	36.66	-63.35	-25.00	38.35	232	18	Horizontal
3	10192.3200	31.85	-39.47	38.30	-64.59	-25.00	39.59	256	306	Horizontal
4	12740.4000	27.03	-36.74	39.02	-65.95	-25.00	40.95	187	53	Horizontal
5	15288.4800	25.31	-34.36	40.69	-63.62	-25.00	38.62	145	126	Horizontal
6	17836.5600	29.18	-34.59	46.07	-54.60	-25.00	29.60	237	270	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	40.79	-45.38	31.63	-68.22	-25.00	43.22	154	360	Vertical
2	7644.2400	39.65	-43.01	36.66	-61.97	-25.00	36.97	187	141	Vertical
3	10192.3200	32.76	-39.47	38.30	-63.68	-25.00	38.68	162	305	Vertical
4	12740.4000	27.38	-36.74	39.02	-65.60	-25.00	40.60	223	3	Vertical
5	15288.4800	26.09	-34.36	40.69	-62.84	-25.00	37.84	298	3	Vertical
6	17836.5600	29.92	-34.59	46.07	-53.86	-25.00	28.86	147	359	Vertical



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Test Band = NSA 26A-n41A_ TM1

Test Channel = HIGH

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4086	43.42	-45.80	29.31	-68.33	-25.00	43.33	117	146	Horizontal
2	5190.1800	40.75	-45.29	31.86	-67.94	-25.00	42.94	145	357	Horizontal
3	7785.2700	37.96	-42.43	36.71	-63.01	-25.00	38.01	182	8	Horizontal
4	10380.3600	31.45	-39.03	38.39	-64.45	-25.00	39.45	223	111	Horizontal
5	12975.4500	27.28	-37.28	39.09	-66.16	-25.00	41.16	262	111	Horizontal
6	15570.5400	24.75	-35.08	40.10	-65.49	-25.00	40.49	189	165	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4086	43.25	-45.80	29.31	-68.50	-25.00	43.50	157	252	Vertical
2	5190.1800	40.86	-45.29	31.86	-67.83	-25.00	42.83	184	37	Vertical
3	7785.2700	37.63	-42.43	36.71	-63.34	-25.00	38.34	262	4	Vertical
4	10380.3600	31.60	-39.03	38.39	-64.30	-25.00	39.30	281	37	Vertical
5	12975.4500	26.78	-37.28	39.09	-66.66	-25.00	41.66	199	55	Vertical
6	15570.5400	24.15	-35.08	40.10	-66.09	-25.00	41.09	203	290	Vertical



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Test Band = NSA 66A-n41A_ TM1

Test Channel = Low

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	42.06	-45.63	31.41	-67.43	-25.00	42.43	166	20	Horizontal
2	7503.3000	39.23	-43.13	36.60	-62.56	-25.00	37.56	400	0	Horizontal
3	10004.4000	35.38	-39.23	38.20	-60.91	-25.00	35.91	172	252	Horizontal
4	12505.5000	33.05	-36.99	38.95	-60.25	-25.00	35.25	198	356	Horizontal
5	15006.6000	30.50	-34.65	41.29	-58.13	-25.00	33.13	182	356	Horizontal
6	17507.7000	33.07	-34.95	44.59	-52.55	-25.00	27.55	133	252	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2000	41.24	-45.63	31.41	-68.25	-25.00	43.25	255	360	Vertical
2	7503.3000	40.23	-43.13	36.60	-61.56	-25.00	36.56	148	358	Vertical
3	10004.4000	34.99	-39.23	38.20	-61.30	-25.00	36.30	186	18	Vertical
4	12505.5000	32.12	-36.99	38.95	-61.18	-25.00	36.18	265	54	Vertical
5	15006.6000	29.88	-34.65	41.29	-58.75	-25.00	33.75	148	270	Vertical
6	17507.7000	31.98	-34.95	44.59	-53.64	-25.00	28.64	172	197	Vertical



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Test Band = NSA 66A-n41A_ TM1
 Test Channel = Mid

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	42.63	-45.38	31.63	-66.38	-25.00	41.38	222	252	Horizontal
2	7644.2400	39.78	-43.01	36.66	-61.84	-25.00	36.84	158	2	Horizontal
3	10192.3200	34.69	-39.47	38.30	-61.75	-25.00	36.75	147	91	Horizontal
4	12740.4000	31.35	-36.74	39.02	-61.63	-25.00	36.63	183	325	Horizontal
5	15288.4800	29.43	-34.36	40.69	-59.50	-25.00	34.50	259	325	Horizontal
6	17836.5600	32.95	-34.59	46.07	-50.83	-25.00	25.83	194	0	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.1600	42.12	-45.38	31.63	-66.89	-25.00	41.89	233	323	Vertical
2	7644.2400	39.06	-43.01	36.66	-62.56	-25.00	37.56	159	360	Vertical
3	10192.3200	34.36	-39.47	38.30	-62.08	-25.00	37.08	184	287	Vertical
4	12740.4000	31.89	-36.74	39.02	-61.09	-25.00	36.09	175	214	Vertical
5	15288.4800	29.81	-34.36	40.69	-59.12	-25.00	34.12	165	287	Vertical
6	17836.5600	32.98	-34.59	46.07	-50.80	-25.00	25.80	188	323	Vertical



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Test Band = NSA 66A-n41A_ TM1

Test Channel = High

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4101.5	44.48	-45.76	29.34	-67.20	-25.00	42.20	248	145	Horizontal
2	5190.1800	42.30	-45.29	31.86	-66.39	-25.00	41.39	177	200	Horizontal
3	7785.2700	39.72	-42.43	36.71	-61.25	-25.00	36.25	186	145	Horizontal
4	10380.3600	34.71	-39.03	38.39	-61.19	-25.00	36.19	196	127	Horizontal
5	12975.4500	31.91	-37.28	39.09	-61.53	-25.00	36.53	156	357	Horizontal
6	15570.5400	30.19	-35.08	40.10	-60.05	-25.00	35.05	143	325	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5190.1800	41.49	-45.29	31.86	-67.20	-25.00	42.20	188	358	Vertical
2	5973	42.92	-44.87	32.69	-64.51	-25.00	39.51	154	351	Vertical
3	7785.2700	40.26	-42.43	36.71	-60.71	-25.00	35.71	156	340	Vertical
4	10380.3600	35.47	-39.03	38.39	-60.43	-25.00	35.43	129	268	Vertical
5	12975.4500	31.84	-37.28	39.09	-61.60	-25.00	36.60	187	351	Vertical
6	15570.5400	30.59	-35.08	40.10	-59.65	-25.00	34.65	143	359	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
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.200000	-0.002156	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-0.500000	-0.000089	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-4.900000	-0.005623	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-1.500000	-0.000635	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	-1.500000	-0.000263	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-7.200000	-0.004562	PASS



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Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-0.600000	-0.000263	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-0.900000	-0.000156	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-1.200000	-0.000865	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-2.600000	-0.000463	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-0.800000	-0.000563	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	0.600000	0.000223	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-1.500000	-0.000635	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	2.300000	0.000887	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	0.400000	0.000154	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-7.300000	-0.002815	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	2.200000	0.000848	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-2.800000	-0.001080	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-1.000000	-0.000386	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-7.400000	-0.002854	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-2.700000	-0.001041	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-7.500000	-0.002892	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-1.700000	-0.000656	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	1.700000	0.000656	PASS

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