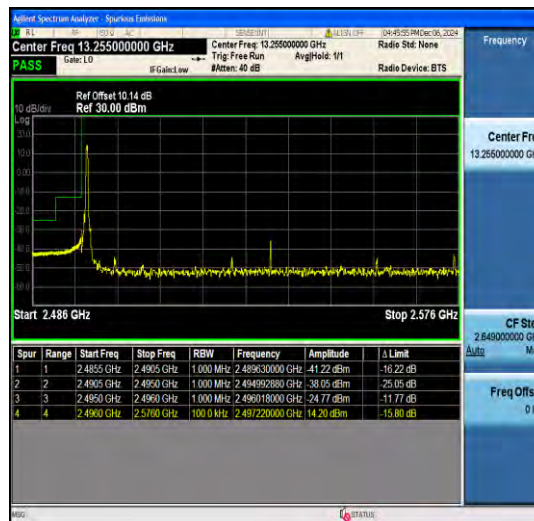
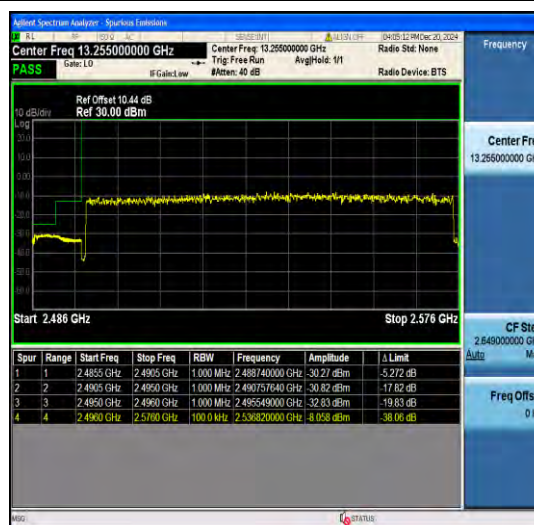




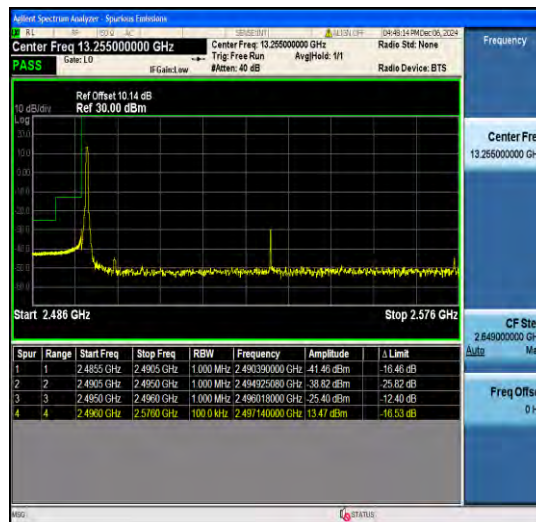
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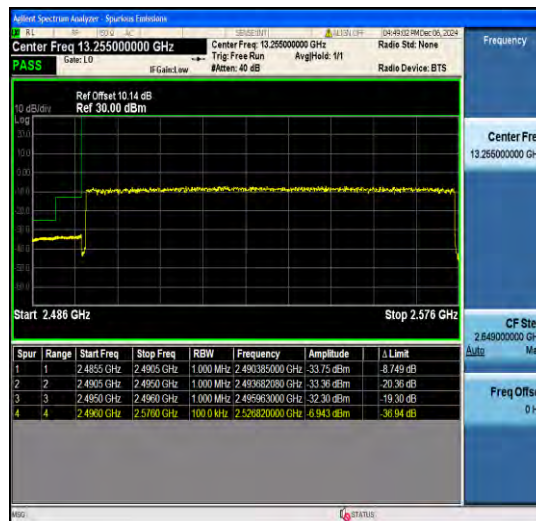
1-N41-PC2-30-80-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-2496.02-11.77--24.77-PASS



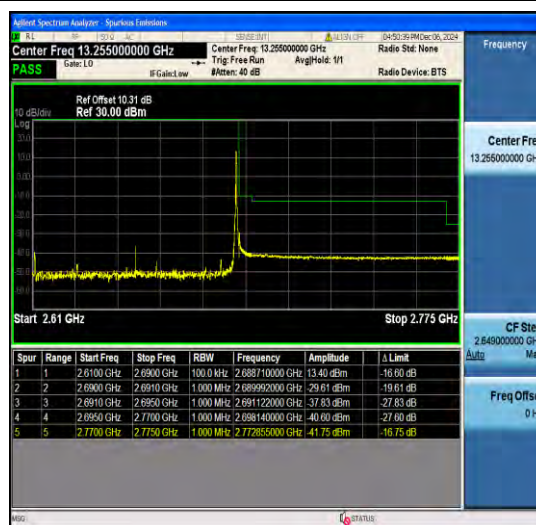
1-N41-PC2-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-2488.74-5.27--30.27-PASS



1-N41-PC2-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-2496.02-12.40--25.40-PASS



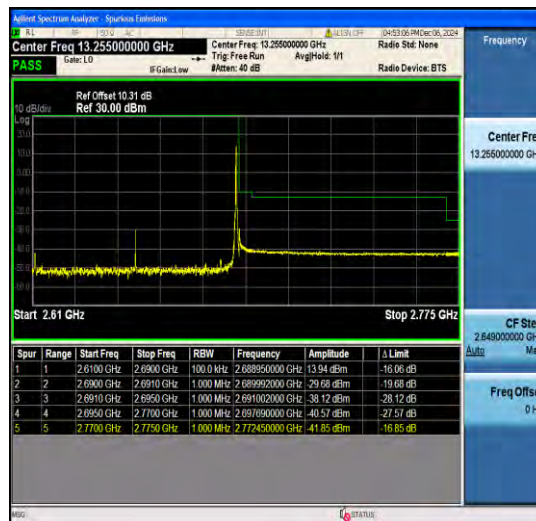
1-N41-PC2-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-2490.39-8.75--33.75-PASS



1-N41-PC2-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@216-Ant1-2772.86-16.75--41.75-PASS



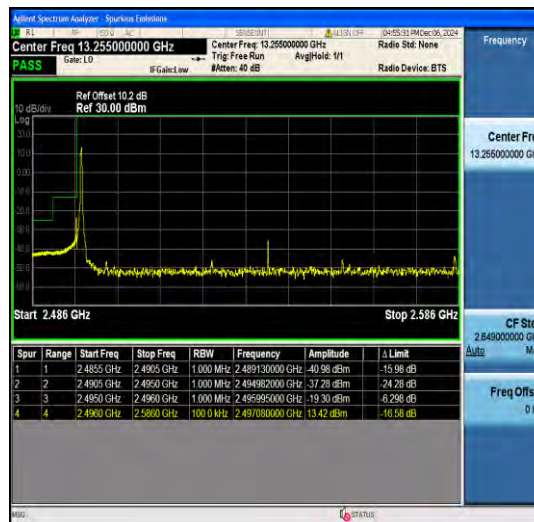
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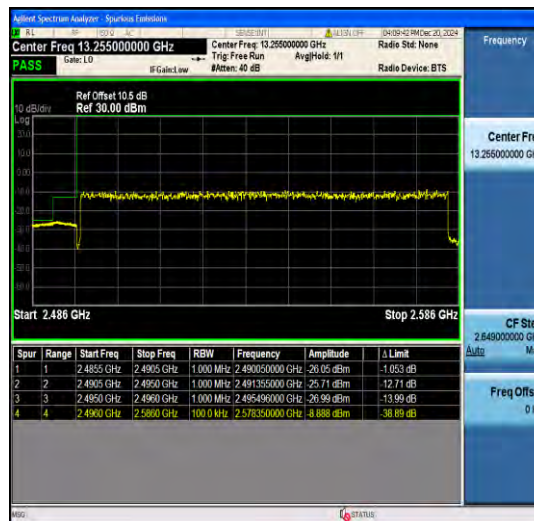
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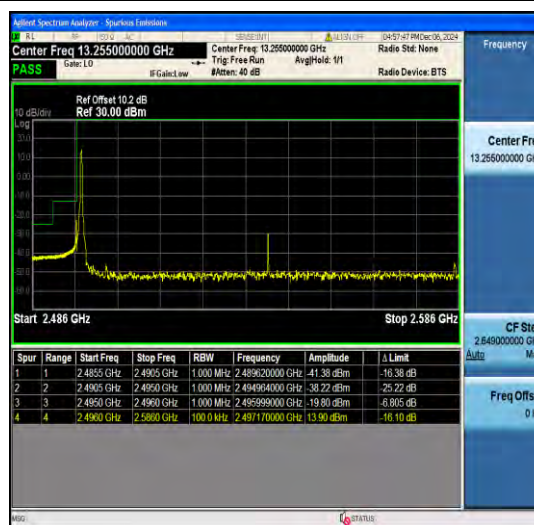
1-N41-PC2-30-80-H-6-CP-QPSK-Outet_Full-217@0-Ant1-2770.81-16.73--41.73-PASS



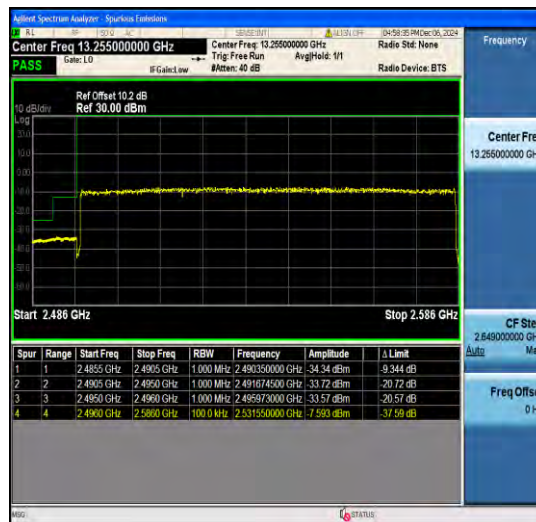
1-N41-PC2-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-2496.00-6.30--19.30-PASS



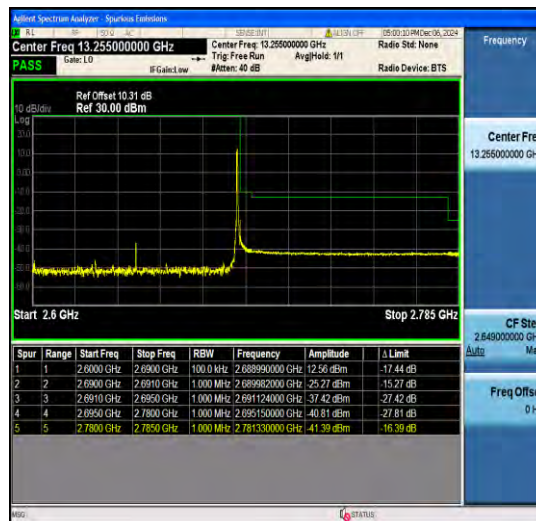
1-N41-PC2-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-2490.05-1.05--26.05-PASS



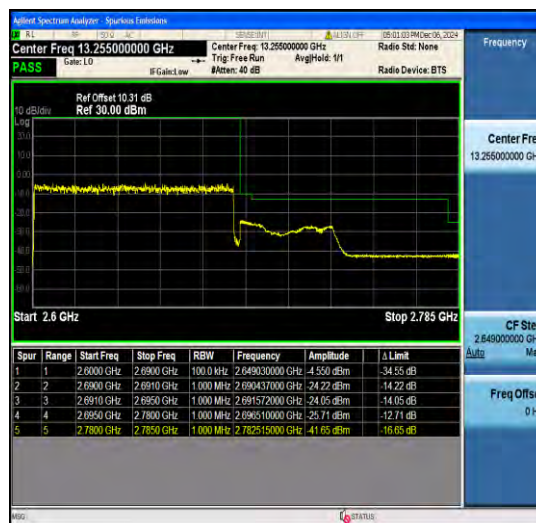
1-N41-PC2-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-2496.00-6.80--19.80-PASS



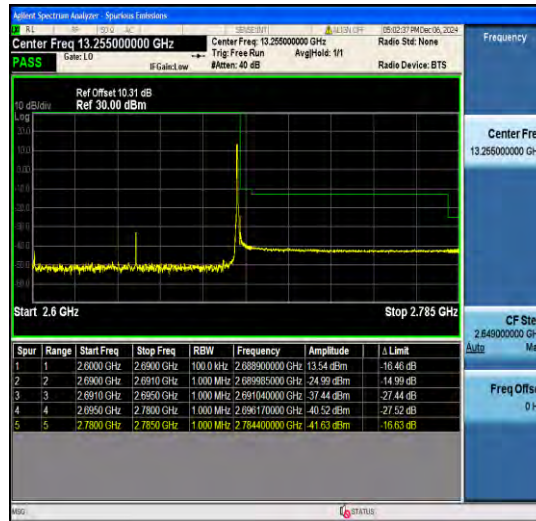
1-N41-PC2-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant1-2490.35-9.34--34.34-PASS



1-N41-PC2-30-90-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@244-Ant1-2689.98-15.27--25.27-PASS



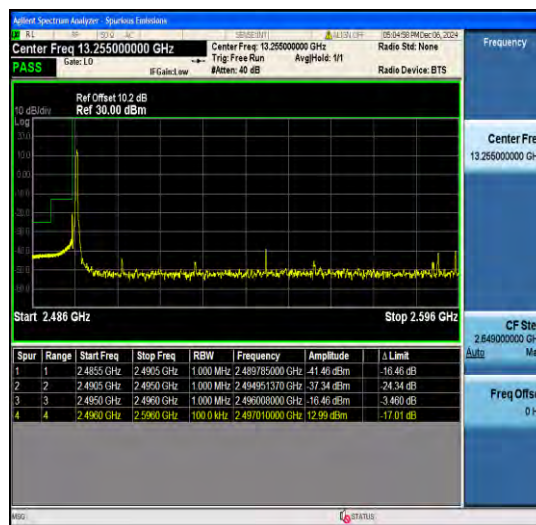
1-N41-PC2-30-90-H-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-2696.51-12.71--25.71-PASS



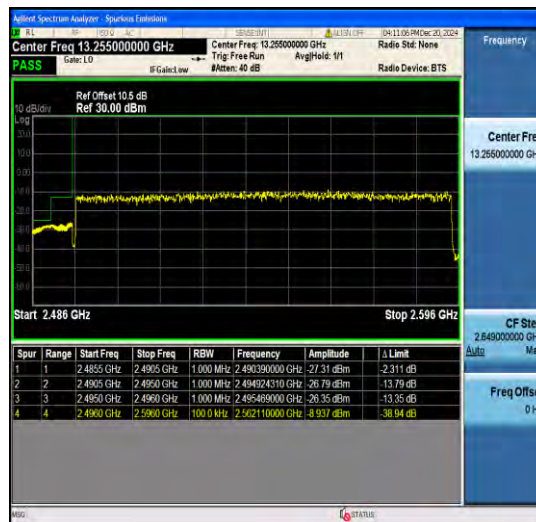
1-N41-PC2-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant1-2689.99-14.99--24.99-PASS



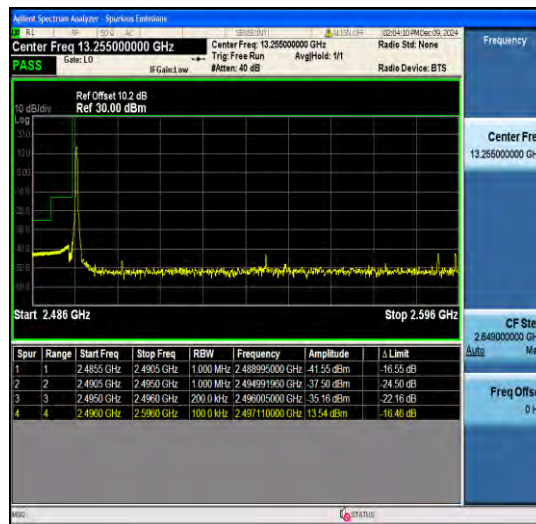
1-N41-PC2-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-2782.57-16.81--41.81-PASS



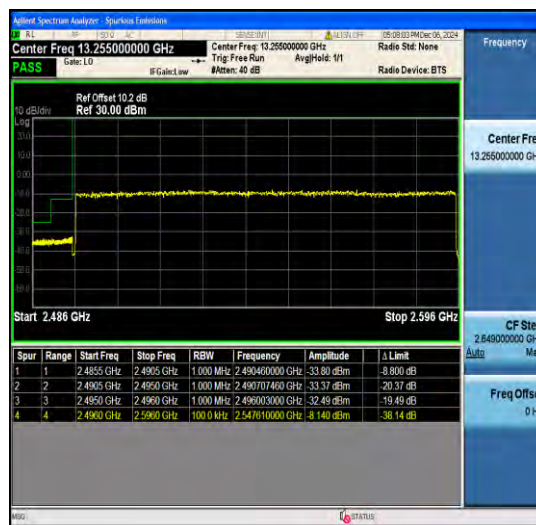
1-N41-PC2-30-100-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-2496.01-3.46--16.46-PASS



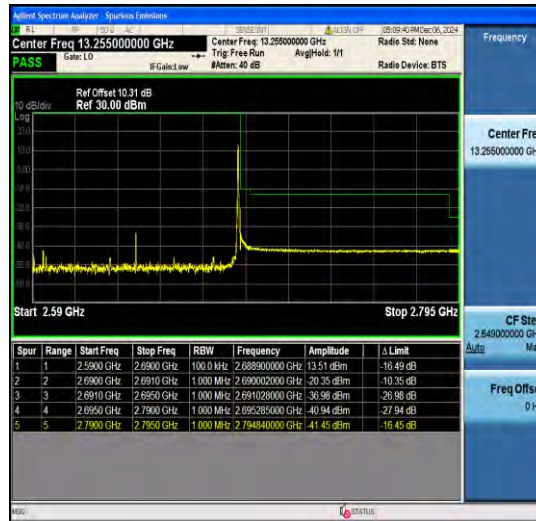
1-N41-PC2-30-100-L-3-DFT-PI2BPSK-Outet_Full-270@0-Ant1-2490.39-2.31--27.31-PASS



1-N41-PC2-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-2489.00-16.55--41.55-PASS



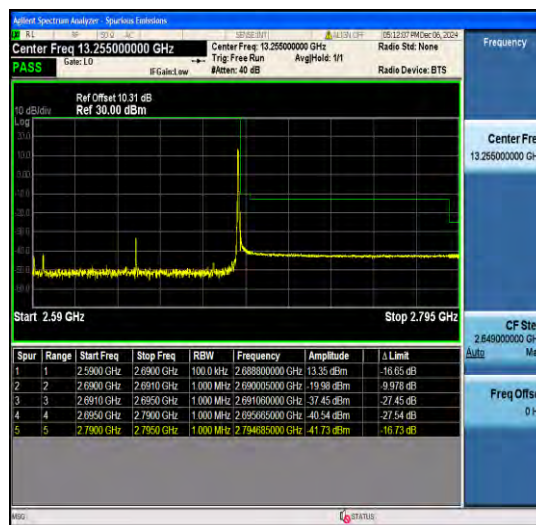
1-N41-PC2-30-100-L-6-CP-QPSK-Outet_Full-273@0-Ant1-2490.46-8.80--33.80-PASS



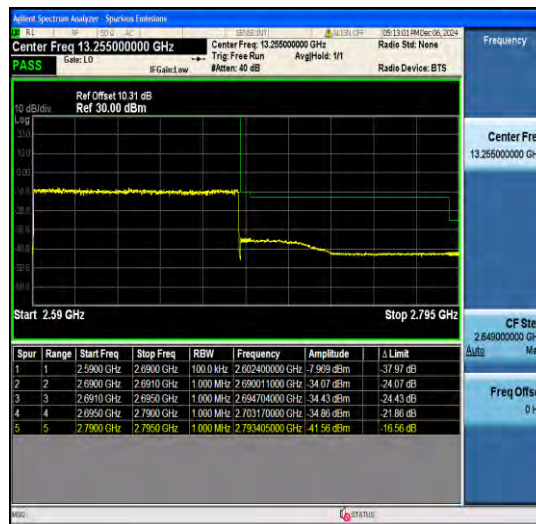
1-N41-PC2-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@272-Ant1-2690.00-10.35--20.35-PASS



1-N41-PC2-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-2698.90-14.47--27.47-PASS



1-N41-PC2-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant1-2690.01-9.98--19.98-PASS



1-N41-PC2-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-2793.41-16.56--41.56-PASS

Conducted Spurious Emission for SA

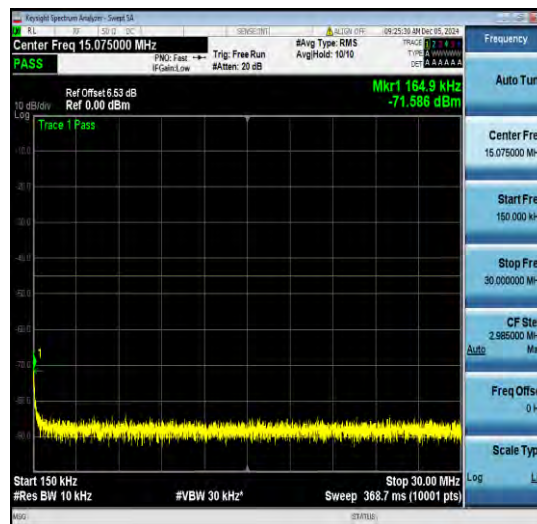
Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result (dBm)	Limit (dBm)	Verdict
N41	30	100	DFT-PI2BPSK	L	0.009	0.15	1@0	-62.68	-55	PASS
N41	30	100	DFT-PI2BPSK	L	0.15	30	1@0	-71.59	-45	PASS
N41	30	100	DFT-PI2BPSK	L	30	1000	1@0	-51.57	-35	PASS
N41	30	100	DFT-PI2BPSK	L	1000	3000	1@0	-41.72	-25	PASS
N41	30	100	DFT-PI2BPSK	L	3000	18000	1@0	-38.51	-25	PASS
N41	30	100	DFT-PI2BPSK	L	18000	30000	1@0	-39.29	-25	PASS
N41	30	100	DFT-PI2BPSK	M	0.009	0.15	1@0	-63.23	-55	PASS
N41	30	100	DFT-PI2BPSK	M	0.15	30	1@0	-71.07	-45	PASS
N41	30	100	DFT-PI2BPSK	M	30	1000	1@0	-52.10	-35	PASS
N41	30	100	DFT-PI2BPSK	M	1000	3000	1@0	-41.92	-25	PASS
N41	30	100	DFT-PI2BPSK	M	3000	18000	1@0	-38.84	-25	PASS
N41	30	100	DFT-PI2BPSK	M	18000	30000	1@0	-39.61	-25	PASS
N41	30	100	DFT-PI2BPSK	H	0.009	0.15	1@0	-62.57	-55	PASS
N41	30	100	DFT-PI2BPSK	H	0.15	30	1@0	-65.85	-45	PASS
N41	30	100	DFT-PI2BPSK	H	30	1000	1@0	-51.98	-35	PASS
N41	30	100	DFT-PI2BPSK	H	1000	3000	1@0	-41.49	-25	PASS
N41	30	100	DFT-PI2BPSK	H	3000	18000	1@0	-38.92	-25	PASS
N41	30	100	DFT-PI2BPSK	H	18000	30000	1@0	-39.79	-25	PASS

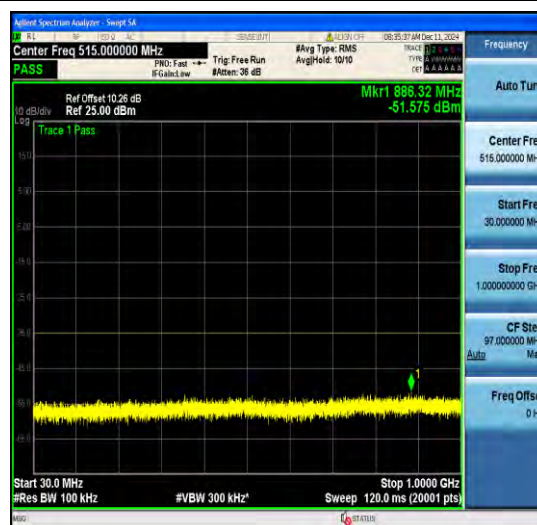
Test Graphs



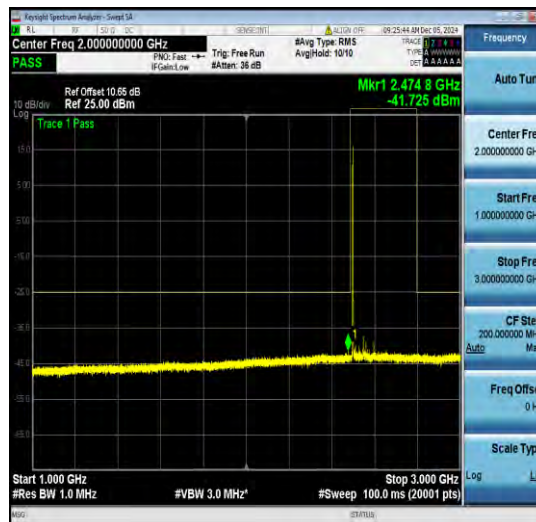
1-N41-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant1-0.01--62.68--55-PASS



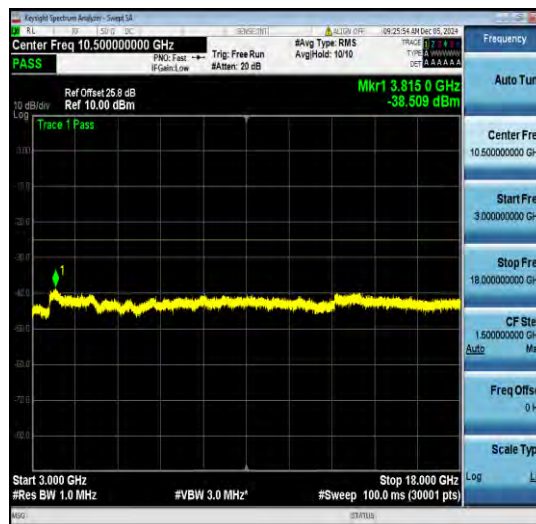
1-N41-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-0.15-30-Ant1-0.16--71.59--45-PASS



1-N41-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-30-1000-Ant1-880.59--51.57--35-PASS



1-N41-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-1000-3000-Ant1-2474.80--41.72--25-PA
SS



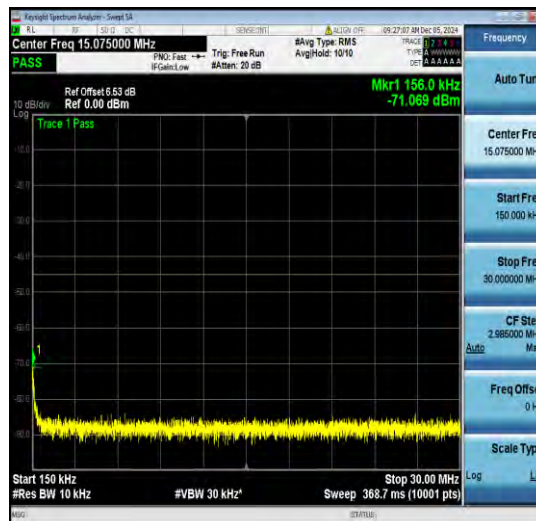
1-N41-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-3000-18000-Ant1-3815.00--38.51--25-P
ASS



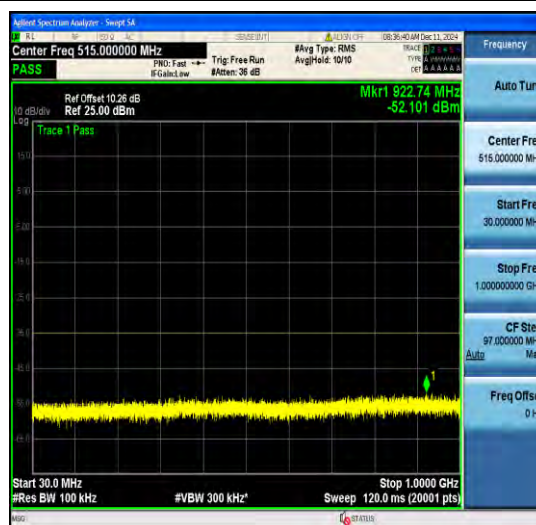
1-N41-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-18000-30000-Ant1-25707.20--39.29--2
5-PASS



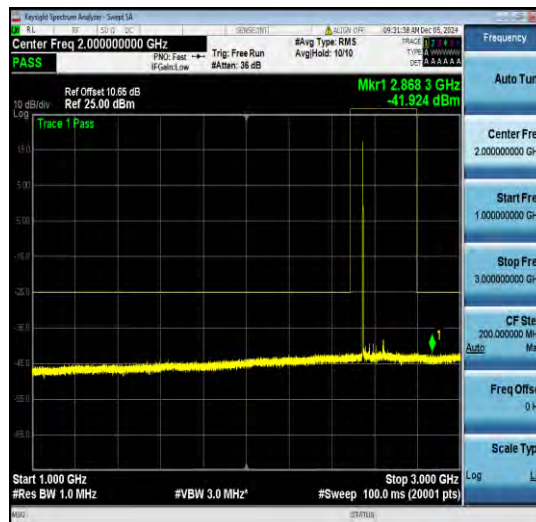
1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant1-0.01--63.23--55-PASS



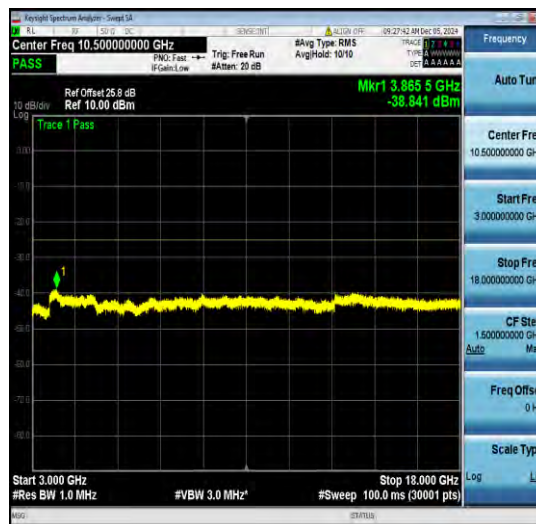
1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-0.15-30-Ant1-0.16--71.07--45-PASS



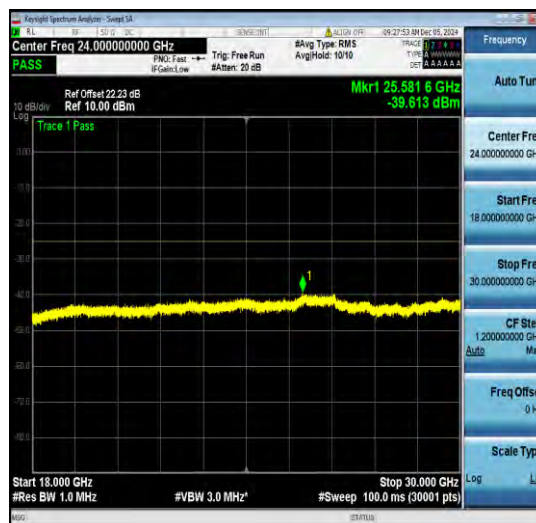
1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-30-1000-Ant1-897.18--52.10--35-PASS



1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-1000-3000-Ant1-2483.70--41.92--25-P
ASS



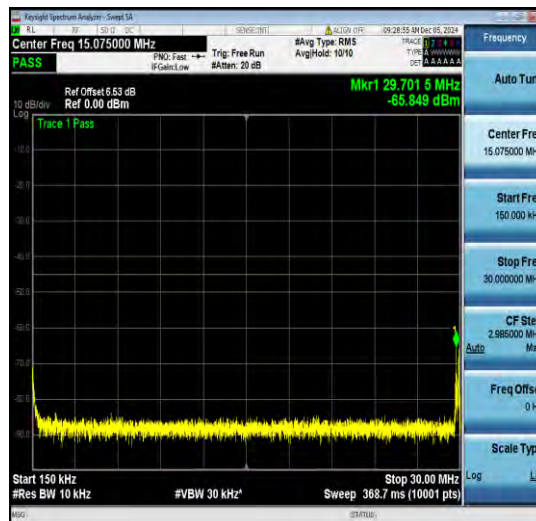
1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-3000-18000-Ant1-3865.50--38.84--25-
PASS



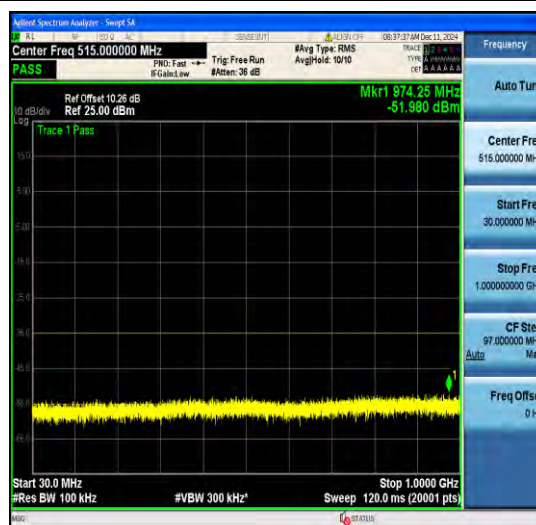
1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-18000-30000-Ant1-25581.60--39.61--2
5-PASS



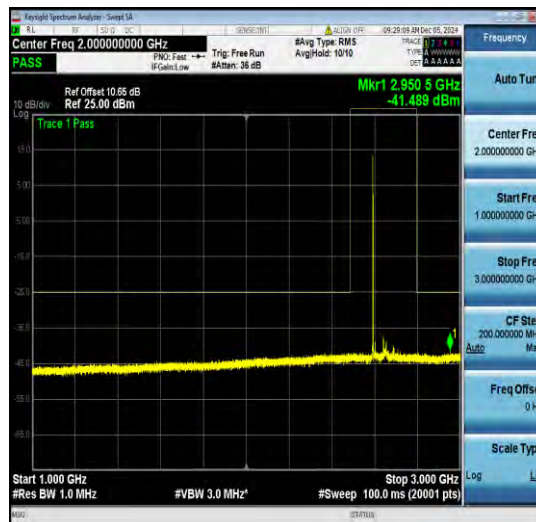
1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant1-0.01--62.57--55-PASS



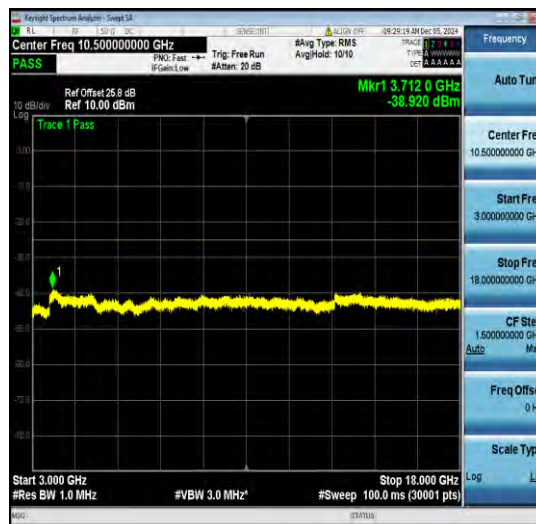
1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-0.15-30-Ant1-29.70--65.85--45-PASS



1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-30-1000-Ant1-837.91--51.98--35-PASS



1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-1000-3000-Ant1-2950.50--41.49--25-P
ASS



1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-3000-18000-Ant1-3712.00--38.92--25-P
PASS



1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Edge_1RB_Left-1@0-18000-30000-Ant1-26338.80--39.79--2
5-PASS

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(℃)	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	270@0	NV	NT	-10.12	-0.00390	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	LV	NT	-10.20	-0.00393	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	HV	NT	-15.66	-0.00604	PASS
N41	30	100	CP-QPSK	M	273@0	NV	NT	-6.30	-0.00243	PASS
N41	30	100	CP-QPSK	M	273@0	LV	NT	-5.79	-0.00223	PASS
N41	30	100	CP-QPSK	M	273@0	HV	NT	-8.37	-0.00323	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature(℃)	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	270@0	NV	-20	-4.713000	-0.001818	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	50	-8.460000	-0.003263	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	40	-11.616000	-0.004480	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	10	-9.149000	-0.003528	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	-10	-9.030000	-0.003482	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	-30	-8.631000	-0.003329	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	30	-11.302000	-0.004359	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	0	-13.139000	-0.005067	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	20	-10.346000	-0.003990	PASS
N41	30	100	CP-QPSK	M	273@0	NV	0	-7.421000	-0.002862	PASS
N41	30	100	CP-QPSK	M	273@0	NV	10	-6.427000	-0.002479	PASS
N41	30	100	CP-QPSK	M	273@0	NV	-10	-1.277000	-0.000492	PASS
N41	30	100	CP-QPSK	M	273@0	NV	-20	-4.919000	-0.001897	PASS
N41	30	100	CP-QPSK	M	273@0	NV	50	-4.790000	-0.001847	PASS
N41	30	100	CP-QPSK	M	273@0	NV	30	-11.030000	-0.004254	PASS
N41	30	100	CP-QPSK	M	273@0	NV	-30	-8.781000	-0.003386	PASS
N41	30	100	CP-QPSK	M	273@0	NV	40	-2.943000	-0.001135	PASS
N41	30	100	CP-QPSK	M	273@0	NV	20	-7.854000	-0.003029	PASS

Field Strength of Spurious Radiation

NR N41-Low channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.02	-62.86	-25	-37.86	-68.43	4.57	10.14	Horizontal	Pass
7503.03	-60.8	-25	-35.8	-67.6	4.94	11.74	Horizontal	Pass
10004.04	-56.76	-25	-31.76	-64.33	5.46	13.03	Horizontal	Pass
5002.02	-61.18	-25	-36.18	-66.75	4.57	10.14	Vertical	Pass
7503.03	-60.37	-25	-35.37	-67.17	4.94	11.74	Vertical	Pass
10004.04	-56.98	-25	-31.98	-64.55	5.46	13.03	Vertical	Pass

NR N41-Middle channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5095.98	-62.95	-25	-37.95	-68.55	4.6	10.2	Horizontal	Pass
7643.97	-59.75	-25	-34.75	-66.71	4.95	11.91	Horizontal	Pass
10191.96	-56.58	-25	-31.58	-64.15	5.49	13.06	Horizontal	Pass
5095.98	-63.07	-25	-38.07	-68.67	4.6	10.2	Vertical	Pass
7643.97	-60.1	-25	-35.1	-67.06	4.95	11.91	Vertical	Pass
10191.96	-52.86	-25	-27.86	-60.43	5.49	13.06	Vertical	Pass

NR N41-High channel, Modulation: QPSK, Bandwidth:100MHz, 1RB#1								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5190.0	-63.52	-25	-38.52	-69.15	4.63	10.26	Horizontal	Pass
7785.0	-58.92	-25	-33.92	-66.04	4.96	12.08	Horizontal	Pass
10380.0	-56.59	-25	-31.59	-64.17	5.52	13.1	Horizontal	Pass
5190.0	-63.47	-25	-38.47	-69.1	4.63	10.26	Vertical	Pass
7785.0	-58.93	-25	-33.93	-66.05	4.96	12.08	Vertical	Pass
12947.07	-43.58	-25	-18.58	-51.08	5.98	13.48	Vertical	Pass

NSA_2A_n41A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.02	-62.14	-25	-37.14	-67.71	4.57	10.14	Horizontal	Pass
7503.03	-60.47	-25	-35.47	-67.27	4.94	11.74	Horizontal	Pass
10004.04	-57.02	-25	-32.02	-64.59	5.46	13.03	Horizontal	Pass
5002.02	-62.76	-25	-37.76	-68.33	4.57	10.14	Vertical	Pass
7503.03	-60.51	-25	-35.51	-67.31	4.94	11.74	Vertical	Pass
10004.04	-57.0	-25	-32.0	-64.57	5.46	13.03	Vertical	Pass

NSA_2A_n41A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5095.98	-63.68	-25	-38.68	-69.28	4.6	10.2	Horizontal	Pass
7643.97	-60.33	-25	-35.33	-67.29	4.95	11.91	Horizontal	Pass
10191.96	-57.21	-25	-32.21	-64.78	5.49	13.06	Horizontal	Pass
5095.98	-63.54	-25	-38.54	-69.14	4.6	10.2	Vertical	Pass
7643.97	-60.31	-25	-35.31	-67.27	4.95	11.91	Vertical	Pass
10191.96	-57.62	-25	-32.62	-65.19	5.49	13.06	Vertical	Pass

NSA_2A_n41A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5190.0	-63.87	-25	-38.87	-69.5	4.63	10.26	Horizontal	Pass
7785.0	-59.79	-25	-34.79	-66.91	4.96	12.08	Horizontal	Pass
10380.0	-57.36	-25	-32.36	-64.94	5.52	13.1	Horizontal	Pass
5190.0	-64.12	-25	-39.12	-69.75	4.63	10.26	Vertical	Pass
7785.0	-60.0	-25	-35.0	-67.12	4.96	12.08	Vertical	Pass
10380.0	-57.2	-25	-32.2	-64.78	5.52	13.1	Vertical	Pass