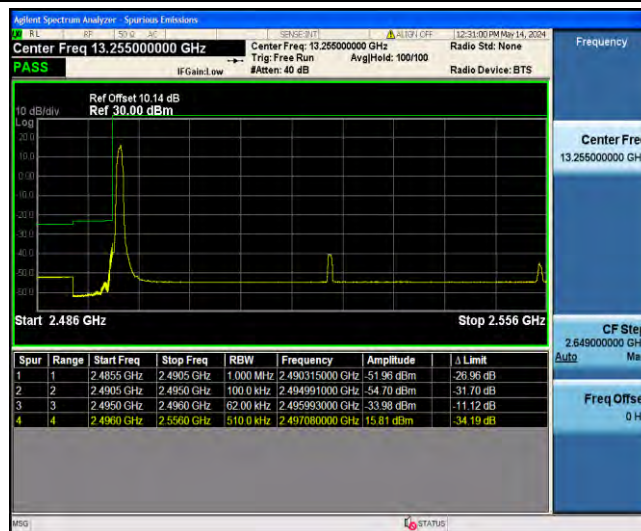
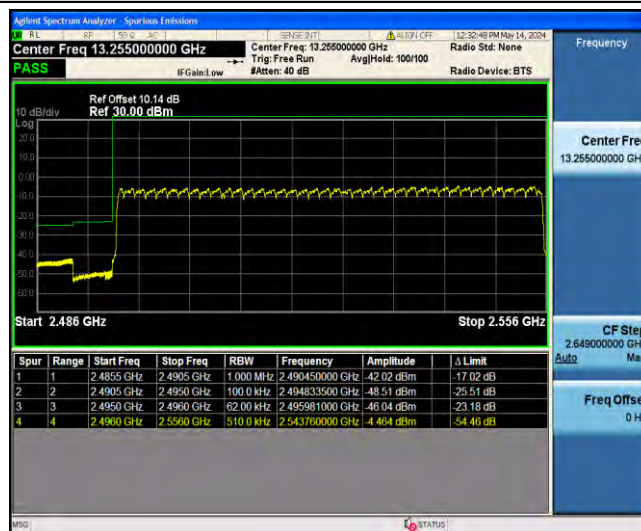




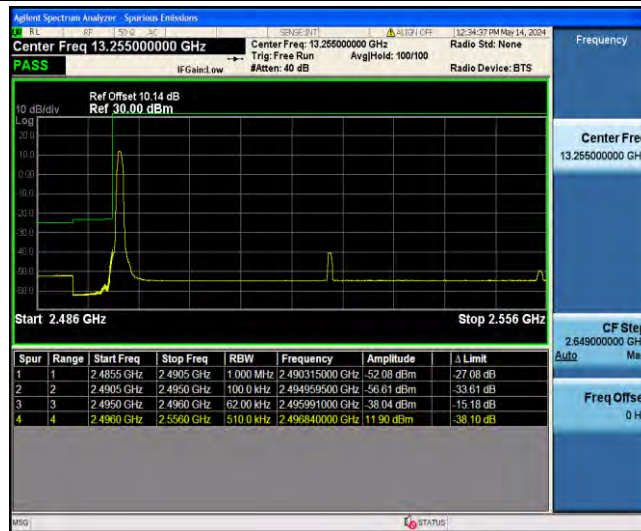
1-N41-PC2-30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant41-2695.04-23.88--36.88-PASS



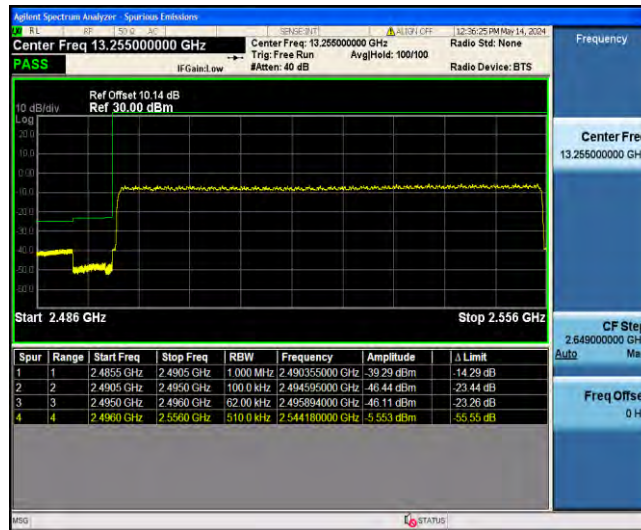
1-N41-PC2-30-60-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant41-2495.99-11.08--33.98-PASS



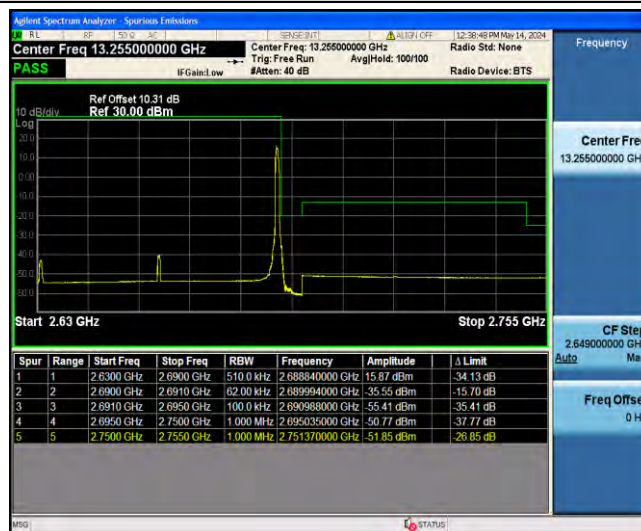
1-N41-PC2-30-60-L-3-DFT-PI2BPSK-Outer_Full-162@0-Ant41-2490.45-17.02--42.02-PASS



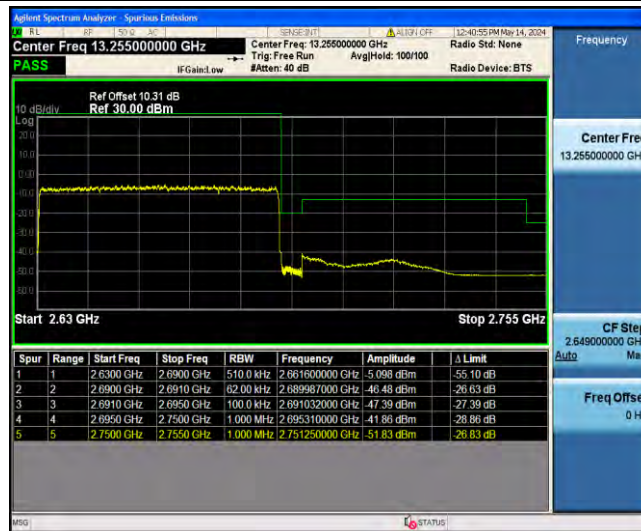
1-N41-PC2-30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-2495.99-15.14--38.04-PASS



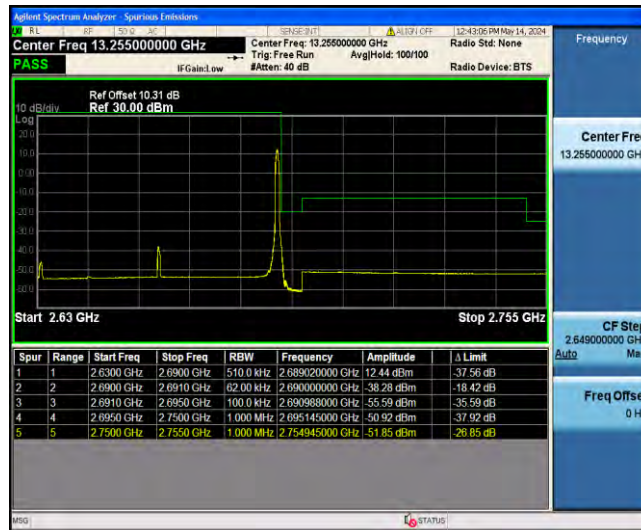
1-N41-PC2-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant41-2490.36-14.29--39.29-PASS



1-N41-PC2-30-60-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@161-Ant41-2689.99-15.65--35.55-PASS



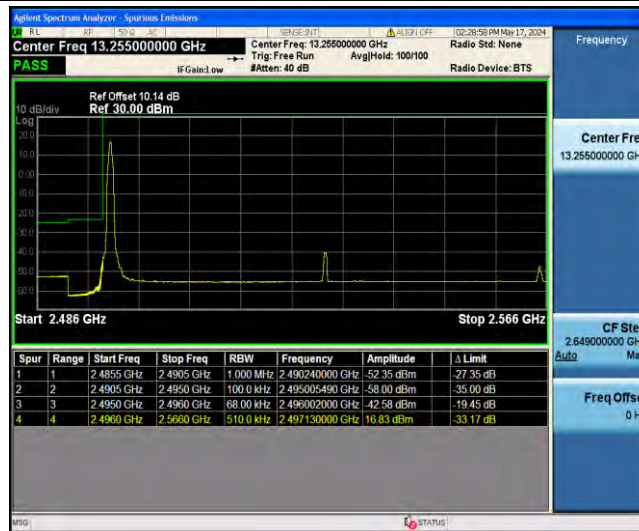
1-N41-PC2-30-60-H-3-DFT-PI2BPSK-Outer_Full-162@0-Ant41-2689.99-26.58--46.48-PASS



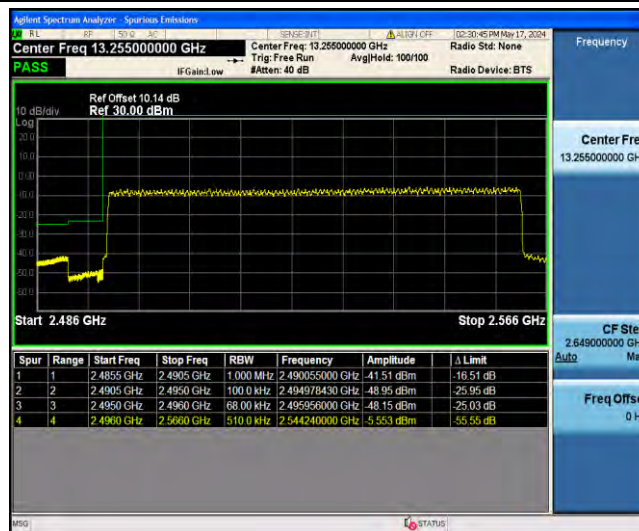
1-N41-PC2-30-60-H-5-CP-QPSK-Edge_1RB_Right-1@161-Ant41-2690.00-18.38--38.28-PASS



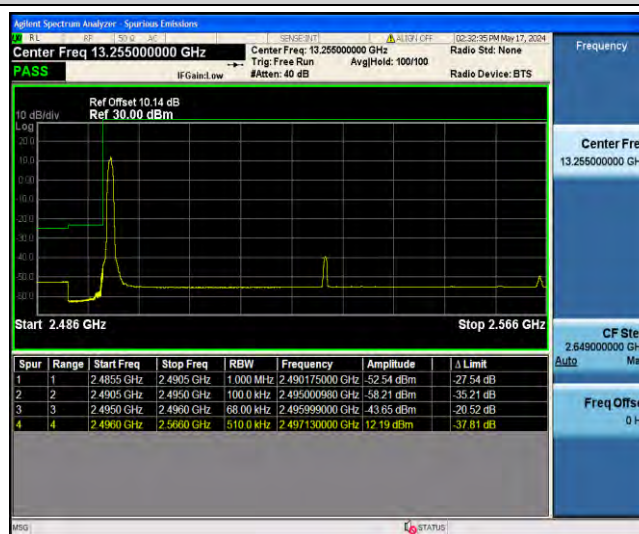
1-N41-PC2-30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant41-2695.75-24.66--37.66-PASS



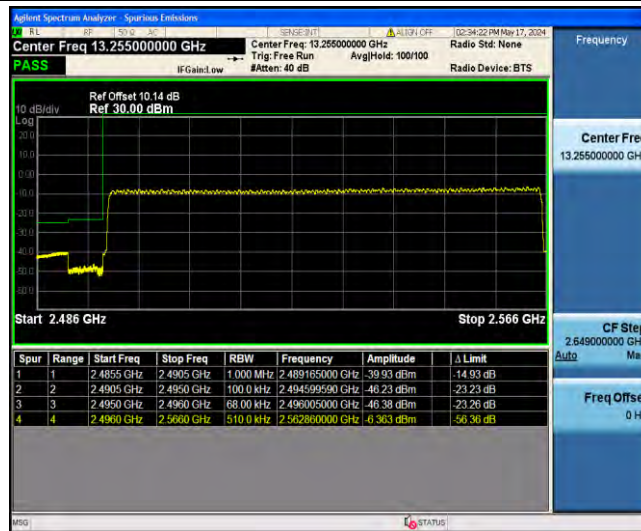
1-N41-PC2-30-70-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant41-2496.00-19.48--42.58-PASS



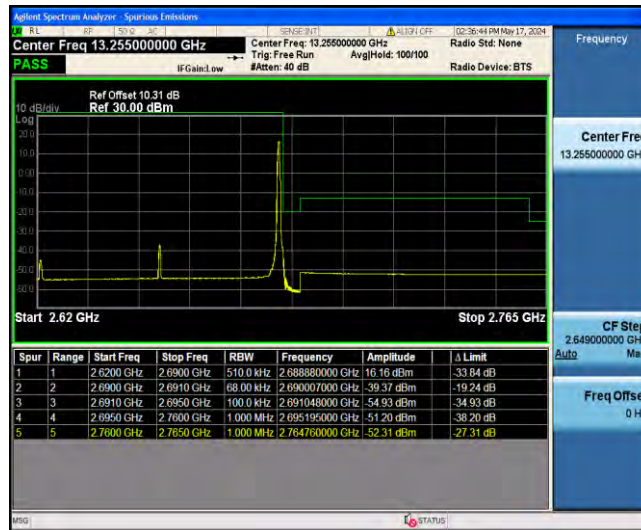
1-N41-PC2-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant41-2490.06-16.51--41.51-PASS



1-N41-PC2-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-2496.00-20.55--43.65-PASS



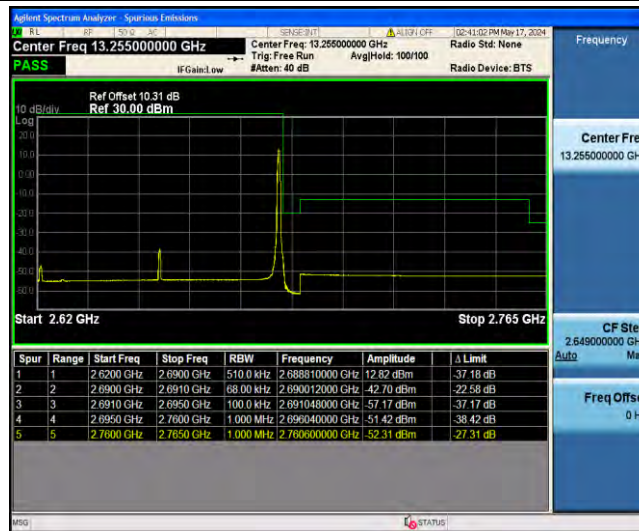
1-N41-PC2-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant41-2489.17-14.93--39.93-PASS



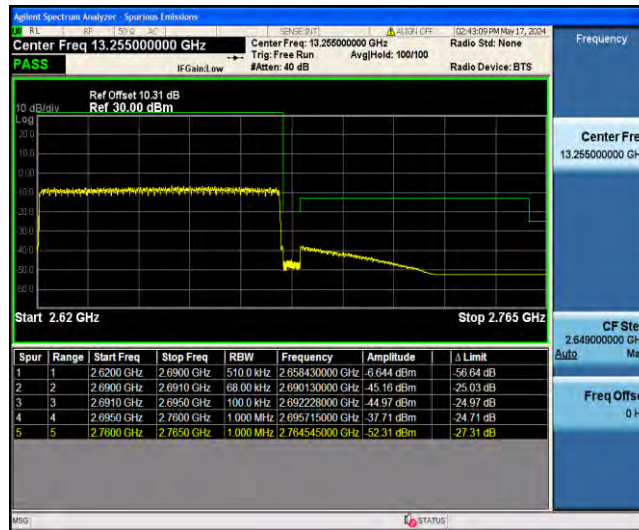
1-N41-PC2-30-70-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@188-Ant41-2690.01-19.27--39.37-PASS



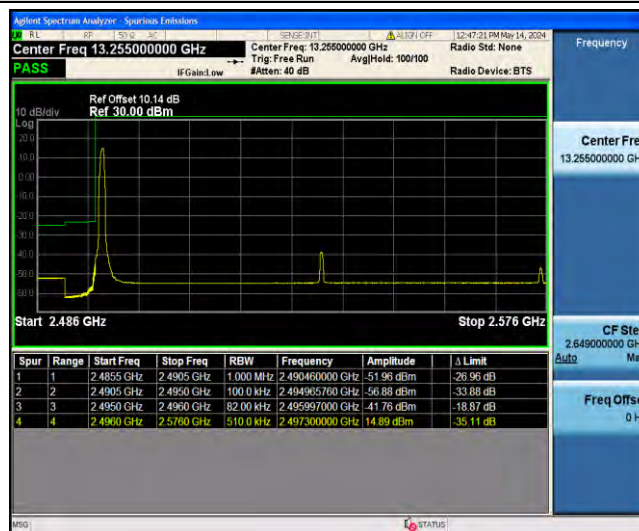
1-N41-PC2-30-70-H-3-DFT-PI2BPSK-Outer_Full-180@0-Ant41-2764.63-27.32--52.32-PASS



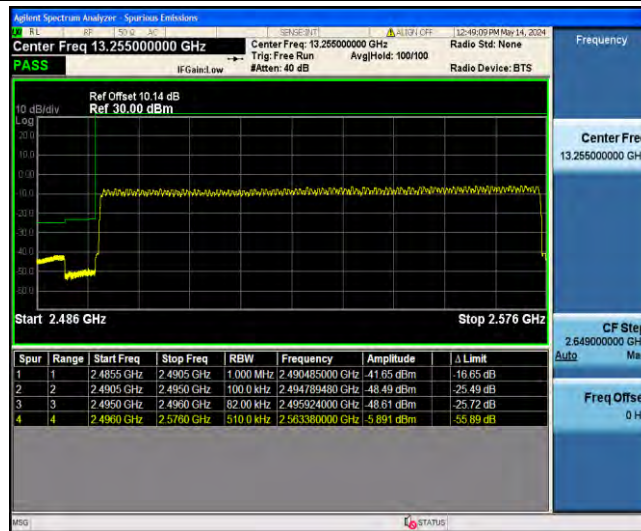
1-N41-PC2-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant41-2690.01-22.60--42.70-PASS



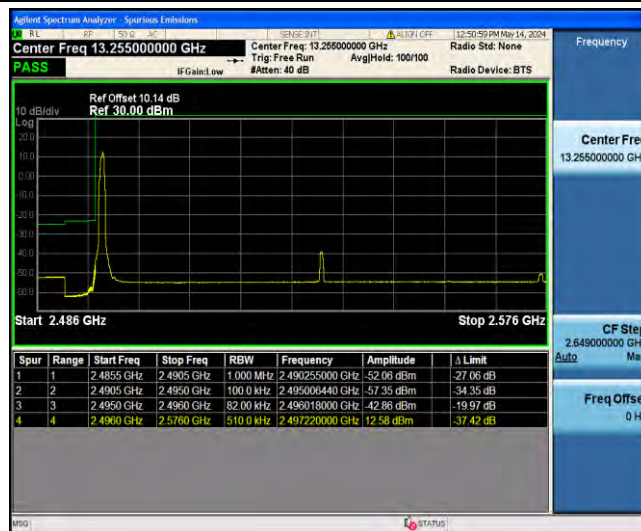
1-N41-PC2-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant41-2695.72-24.71--37.71-PASS



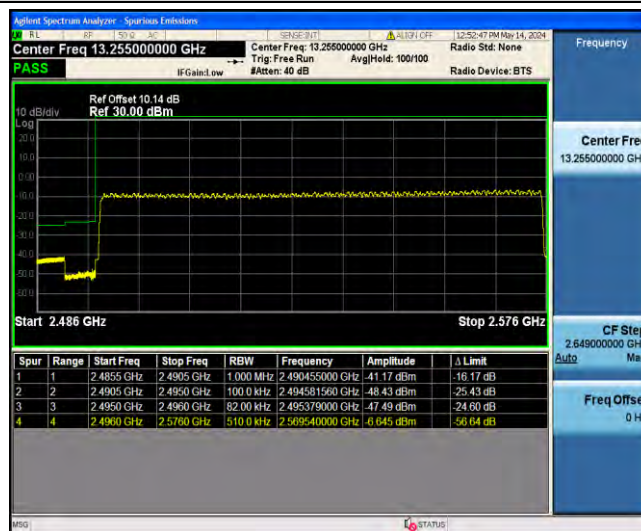
1-N41-PC2-30-80-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant41-2496.00-18.86--41.76-PASS



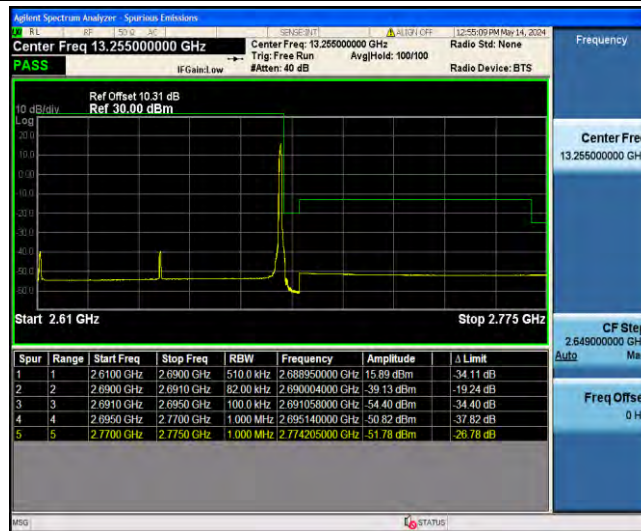
1-N41-PC2-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant41-2490.49-16.65--41.65-PASS



1-N41-PC2-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-2496.02-19.96--42.86-PASS



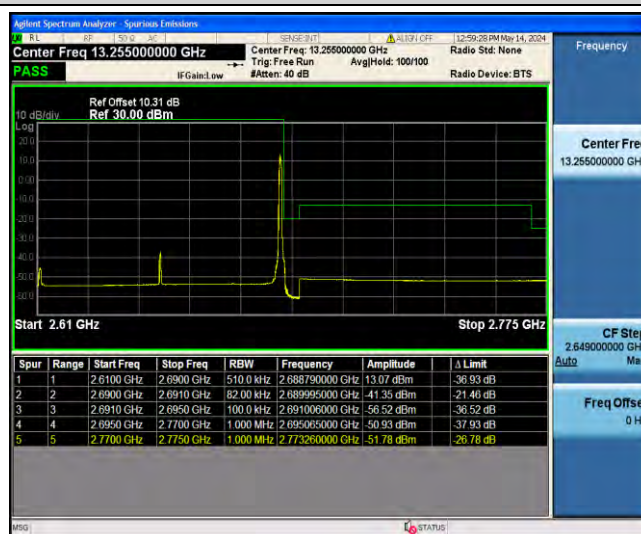
1-N41-PC2-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant41-2490.46-16.17--41.17-PASS



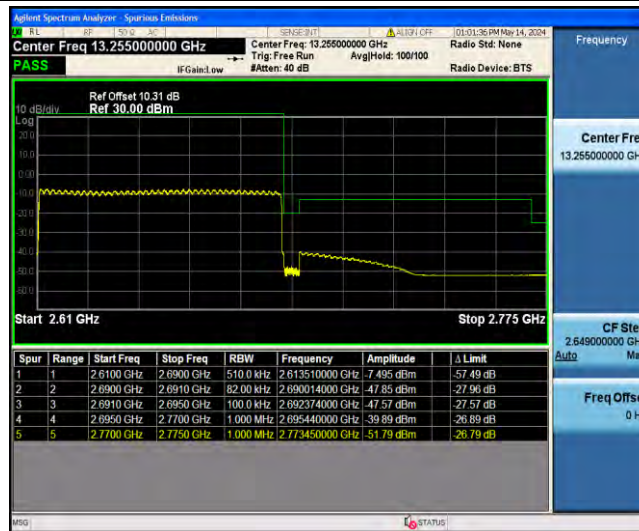
1-N41-PC2-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@216-Ant41-2690.00-19.23--39.13-PASS



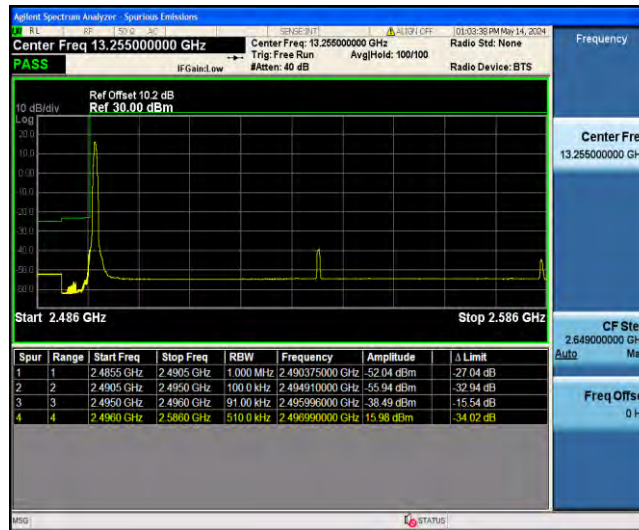
1-N41-PC2-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant41-2774.76-26.79--51.79-PASS



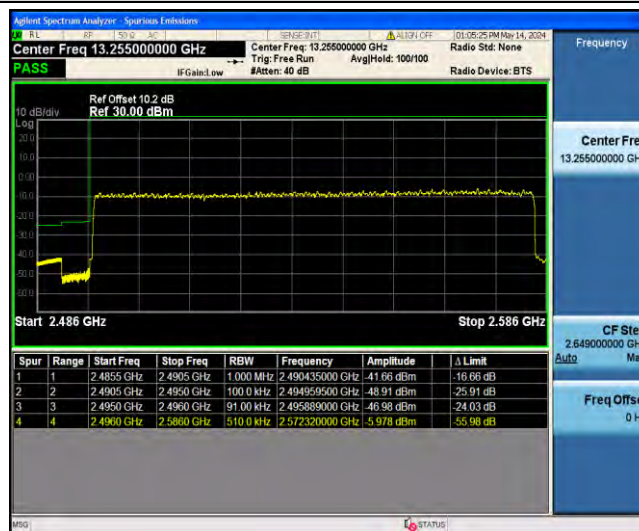
1-N41-PC2-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant41-2690.00-21.45--41.35-PASS



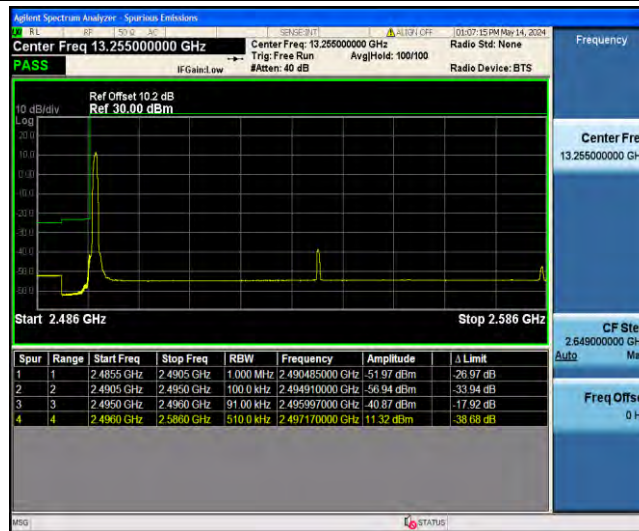
1-N41-PC2-30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant41-2773.45-26.79--51.79-PASS



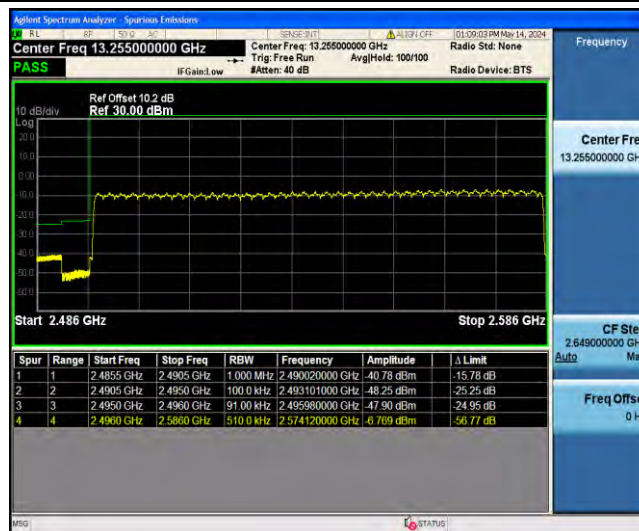
1-N41-PC2-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant41-2496.00-15.49--38.49-PASS



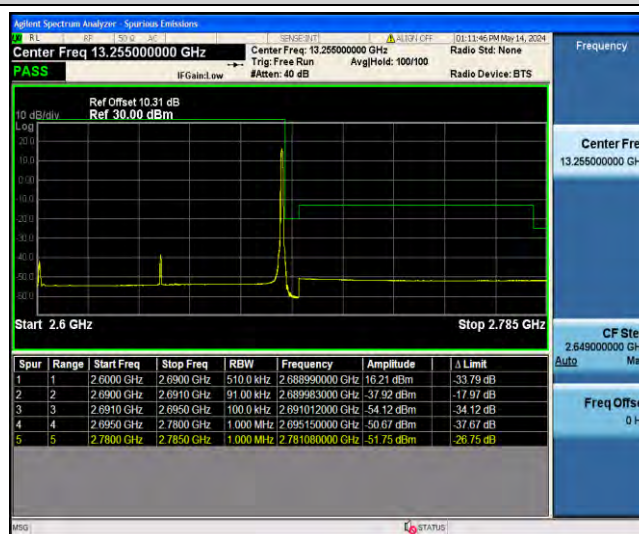
1-N41-PC2-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant41-2490.44-16.66--41.66-PASS



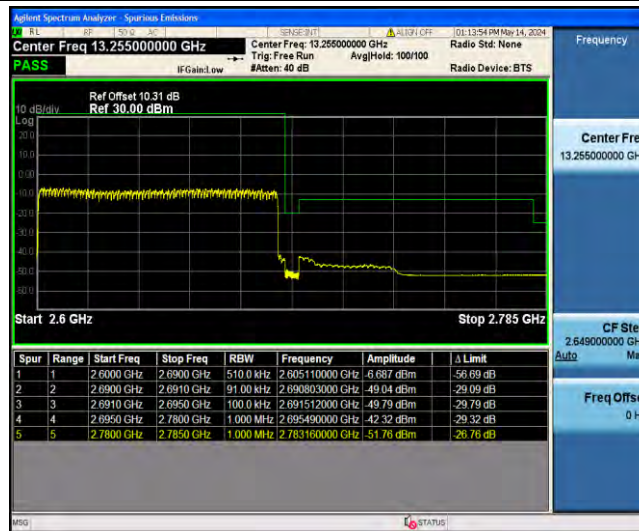
1-N41-PC2-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-2496.00-17.87--40.87-PASS



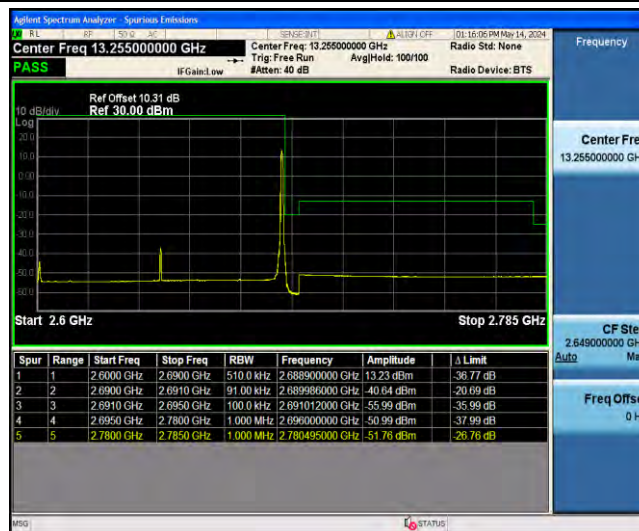
1-N41-PC2-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant41-2490.02-15.78--40.78-PASS



1-N41-PC2-30-90-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@244-Ant41-2689.98-17.92--37.92-PASS



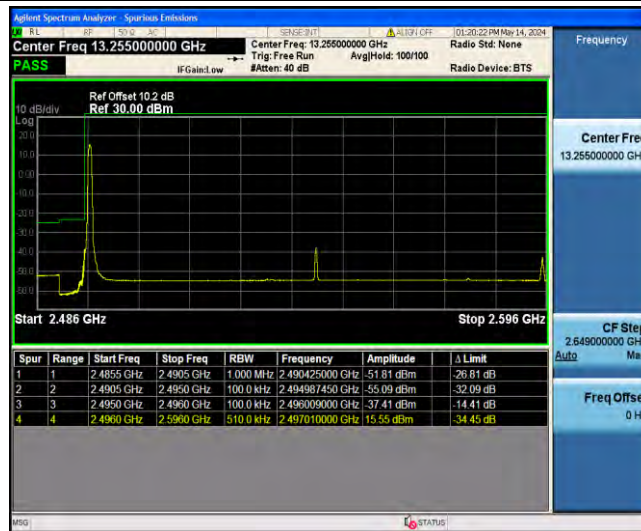
1-N41-PC2-30-90-H-3-DFT-PI2BPSK-Outer_Full-240@0-Ant41-2783.16-26.76--51.76-PASS



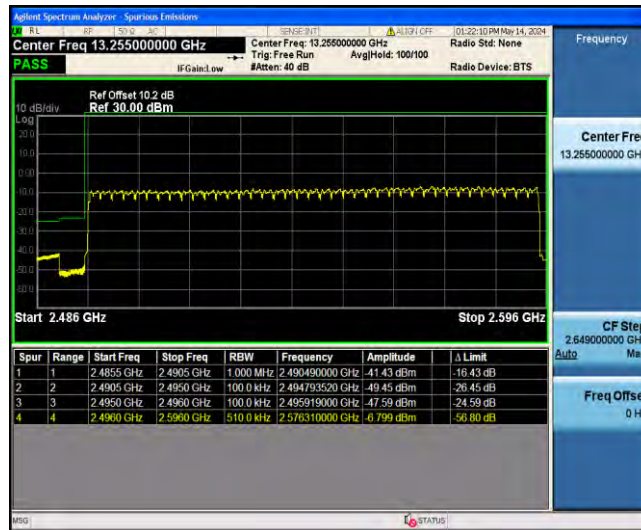
1-N41-PC2-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant41-2689.99-20.64--40.64-PASS



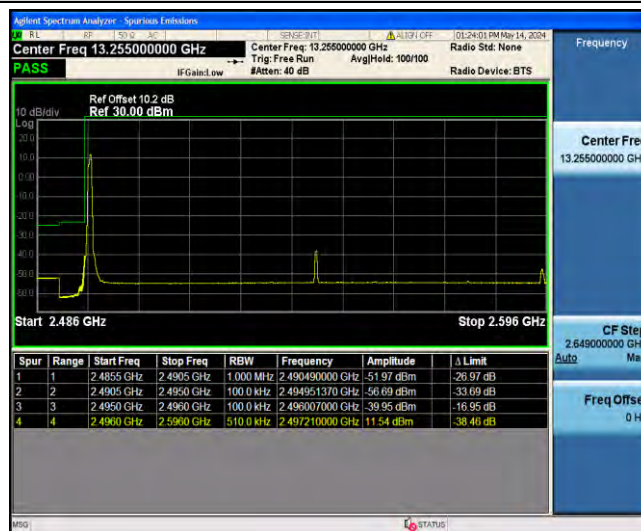
1-N41-PC2-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant41-2695.75-26.71--39.71-PASS



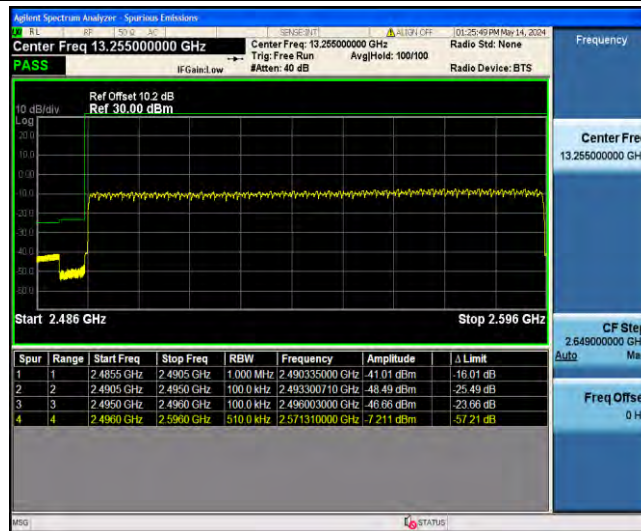
1-N41-PC2-30-100-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant41-2496.01-14.41--37.41-PASS



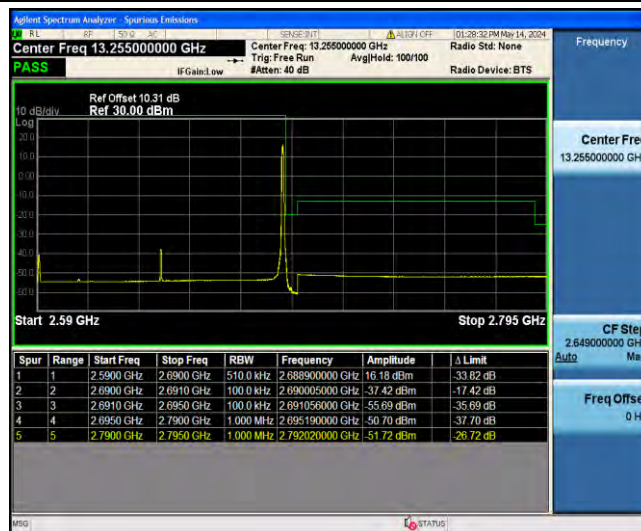
1-N41-PC2-30-100-L-3-DFT-PI2BPSK-Outer_Full-270@0-Ant41-2490.49-16.43--41.43-PASS



1-N41-PC2-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-2496.01-16.95--39.95-PASS



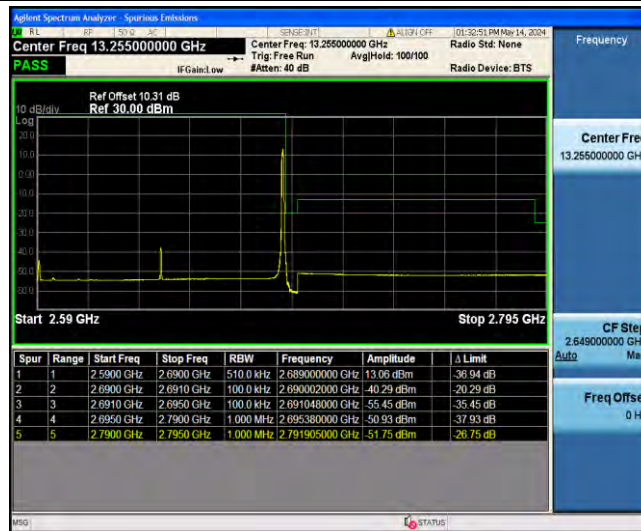
1-N41-PC2-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant41-2490.34-16.01--41.01-PASS



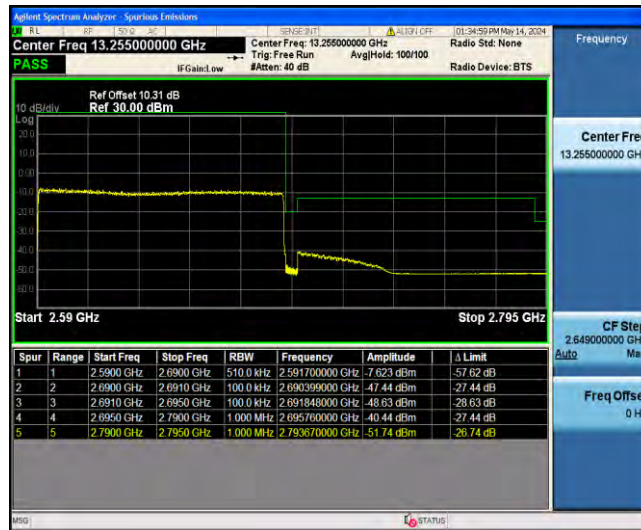
1-N41-PC2-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@272-Ant41-2690.01-17.42--37.42-PASS



1-N41-PC2-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant41-2792.15-26.73--51.73-PASS



1-N41-PC2-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant41-2690.00-20.29--40.29-PASS



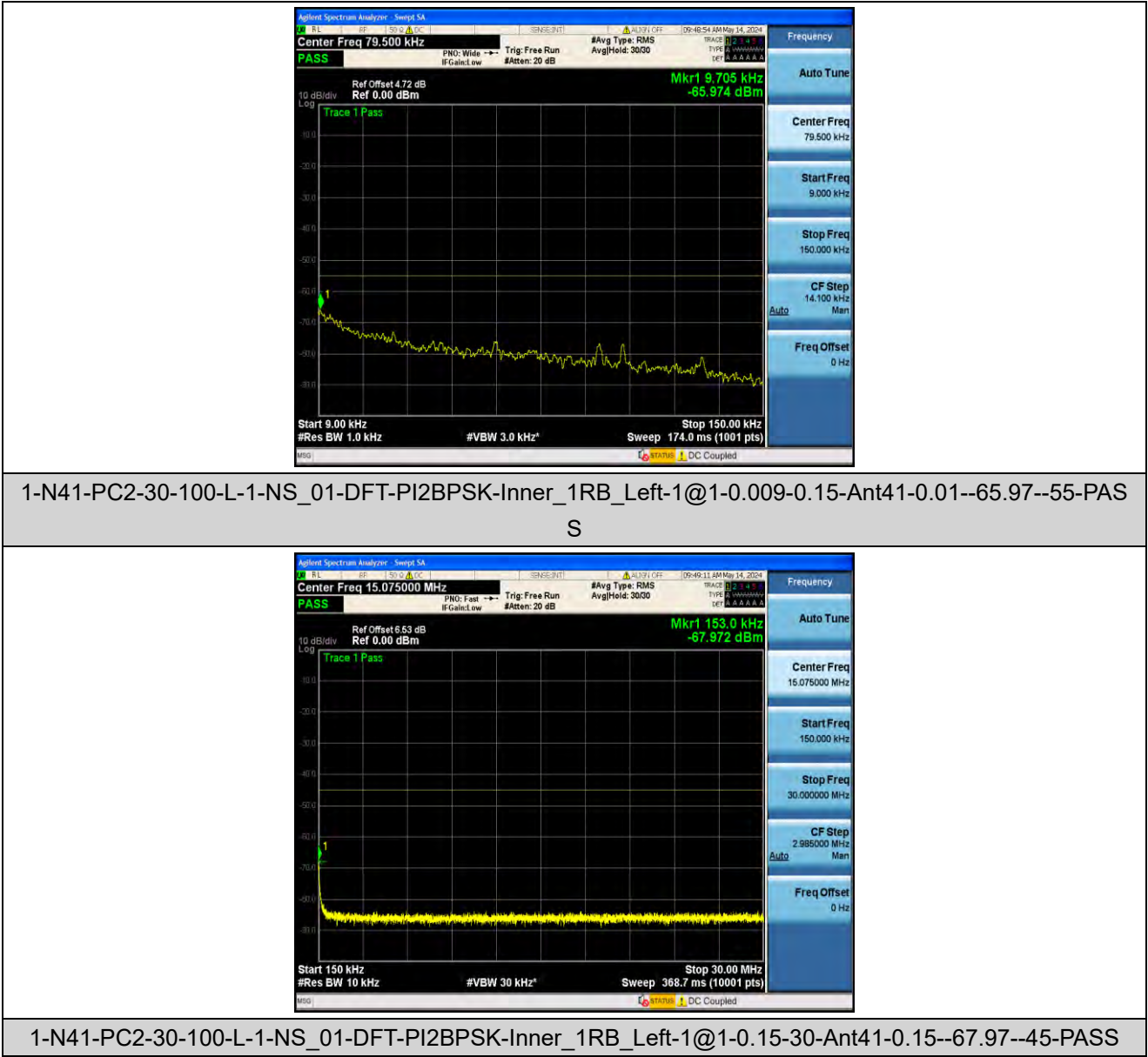
1-N41-PC2-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant41-2793.67-26.74--51.74-PASS

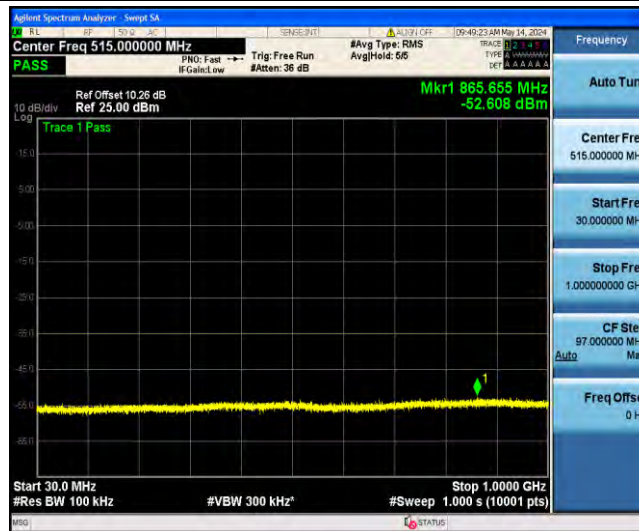
Conducted Spurious Emission for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result	Limit	Verdict
N41	30	100	DFT-PI2BPSK	L	0.009	0.15	1@1	-65.97	-55	PASS
N41	30	100	DFT-PI2BPSK	L	0.15	30	1@1	-67.97	-45	PASS
N41	30	100	DFT-PI2BPSK	L	30	1000	1@1	-52.61	-35	PASS
N41	30	100	DFT-PI2BPSK	L	1000	3000	1@1	-41.04	-25	PASS
N41	30	100	DFT-PI2BPSK	L	3000	18000	1@1	-36.78	-25	PASS
N41	30	100	DFT-PI2BPSK	L	18000	26500	1@1	-34.75	-25	PASS
N41	30	100	DFT-PI2BPSK	M	0.009	0.15	1@1	-65.42	-55	PASS
N41	30	100	DFT-PI2BPSK	M	0.15	30	1@1	-67.56	-45	PASS
N41	30	100	DFT-PI2BPSK	M	30	1000	1@1	-52.85	-35	PASS
N41	30	100	DFT-PI2BPSK	M	1000	3000	1@1	-41.08	-25	PASS
N41	30	100	DFT-PI2BPSK	M	3000	18000	1@1	-36.71	-25	PASS
N41	30	100	DFT-PI2BPSK	M	18000	26500	1@1	-34.61	-25	PASS
N41	30	100	DFT-PI2BPSK	H	0.009	0.15	1@1	-65.96	-55	PASS
N41	30	100	DFT-PI2BPSK	H	0.15	30	1@1	-64.17	-45	PASS
N41	30	100	DFT-PI2BPSK	H	30	1000	1@1	-52.57	-35	PASS
N41	30	100	DFT-PI2BPSK	H	1000	3000	1@1	-41.05	-25	PASS
N41	30	100	DFT-PI2BPSK	H	3000	18000	1@1	-36.87	-25	PASS
N41	30	100	DFT-PI2BPSK	H	18000	26500	1@1	-34.62	-25	PASS

Test Graphs





1-N41-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant41-865.66--52.61--35-PAS
S



1-N41-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant41-3000.00--41.04--25-P
ASS



1-N41-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-18000-Ant41-16623.00--36.78--2

5-PASS



1-N41-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-26500-Ant41-25718.21--34.75--
25-PASS



1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant41-0.01--65.42--55-PAS
S



1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant41-0.16--67.56--45-PASS



1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant41-892.52--52.85--35-PAS

S



1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant41-2797.90--41.08--25-

PASS



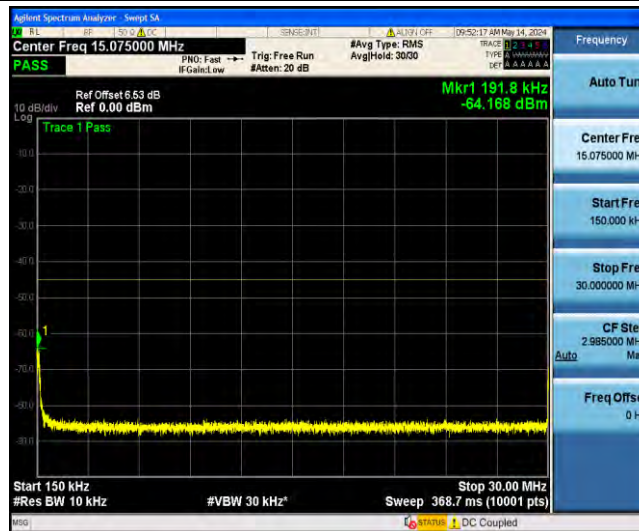
1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-18000-Ant41-16581.75--36.71--2
5-PASS



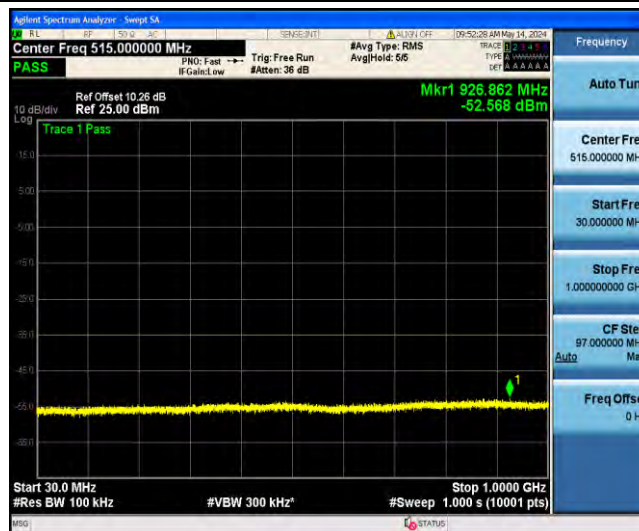
1-N41-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-26500-Ant41-25701.64--34.61--
25-PASS



1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant41-0.01--65.96--55-PAS
S



1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant41-0.19--64.17--45-PASS



1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant41-926.86--52.57--35-PASS



1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant41-2994.50--41.05--25-PASS



1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-18000-Ant41-16242.00--36.87--2
5-PASS



1-N41-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-26500-Ant41-25662.54--34.62--
25-PASS

Field Strength of Spurious Radiation

SA Band 41 ANT41-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	-62.86	-25	-37.86	-68.43	4.57	10.14	Horizontal	Pass
7503.03	-61.14	-25	-36.14	-67.94	4.94	11.74	Horizontal	Pass
10004.04	-57.43	-25	-32.43	-65.0	5.46	13.03	Horizontal	Pass
5002.02	-63.23	-25	-38.23	-68.8	4.57	10.14	Vertical	Pass
7503.03	-60.99	-25	-35.99	-67.79	4.94	11.74	Vertical	Pass
10004.04	-58.04	-25	-33.04	-65.61	5.46	13.03	Vertical	Pass

SA Band 41 ANT41-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	-63.42	-25	-38.42	-69.02	4.6	10.2	Horizontal	Pass
7643.97	-60.8	-25	-35.8	-67.76	4.95	11.91	Horizontal	Pass
10191.96	-57.54	-25	-32.54	-65.11	5.49	13.06	Horizontal	Pass
5095.98	-61.96	-25	-36.96	-67.56	4.6	10.2	Vertical	Pass
7643.97	-60.52	-25	-35.52	-67.48	4.95	11.91	Vertical	Pass
10191.96	-57.92	-25	-32.92	-65.49	5.49	13.06	Vertical	Pass

SA Band 41 ANT41-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	-63.6	-25	-38.6	-69.23	4.63	10.26	Horizontal	Pass
7785.0	-59.77	-25	-34.77	-66.89	4.96	12.08	Horizontal	Pass
10380.0	-56.98	-25	-31.98	-64.56	5.52	13.1	Horizontal	Pass
5190.0	-63.96	-25	-38.96	-69.59	4.63	10.26	Vertical	Pass
7785.0	-59.96	-25	-34.96	-67.08	4.96	12.08	Vertical	Pass
10380.0	-57.31	-25	-32.31	-64.89	5.52	13.1	Vertical	Pass

DC_66A_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	-63.33	-25	-38.33	-68.9	4.57	10.14	Horizontal	Pass
7503.03	-60.75	-25	-35.75	-67.55	4.94	11.74	Horizontal	Pass
10004.04	-57.9	-25	-32.9	-65.47	5.46	13.03	Horizontal	Pass
5002.02	-63.18	-25	-38.18	-68.75	4.57	10.14	Vertical	Pass
7503.03	-61.16	-25	-36.16	-67.96	4.94	11.74	Vertical	Pass
10004.04	-58.16	-25	-33.16	-65.73	5.46	13.03	Vertical	Pass

DC_66A_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	-64.08	-25	-39.08	-69.68	4.6	10.2	Horizontal	Pass
7643.97	-61.47	-25	-36.47	-68.43	4.95	11.91	Horizontal	Pass
10191.96	-57.92	-25	-32.92	-65.49	5.49	13.06	Horizontal	Pass
5095.98	-64.03	-25	-39.03	-69.63	4.6	10.2	Vertical	Pass
7643.97	-61.4	-25	-36.4	-68.36	4.95	11.91	Vertical	Pass
10191.96	-57.92	-25	-32.92	-65.49	5.49	13.06	Vertical	Pass

DC_66A_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	-64.25	-25	-39.25	-69.88	4.63	10.26	Horizontal	Pass
7785.0	-60.22	-25	-35.22	-67.34	4.96	12.08	Horizontal	Pass
10380.0	-57.66	-25	-32.66	-65.24	5.52	13.1	Horizontal	Pass
5190.0	-64.34	-25	-39.34	-69.97	4.63	10.26	Vertical	Pass
7785.0	-60.27	-25	-35.27	-67.39	4.96	12.08	Vertical	Pass
10380.0	-58.1	-25	-33.1	-65.68	5.52	13.1	Vertical	Pass

Remark:

1) All antennas of RSE are tested, and only the worst data is presented.

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	270@0	VH	NT	-12.20	0.00	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	VN	NT	8.00	0.00	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	VL	NT	14.40	0.01	PASS
N41	30	100	CP-QPSK	M	273@0	VH	NT	10.70	0.00	PASS
N41	30	100	CP-QPSK	M	273@0	VN	NT	14.30	0.01	PASS
N41	30	100	CP-QPSK	M	273@0	VL	NT	6.70	0.00	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
N41	30	100	DFT-PI2BPSK	M	270@0	NV	50	11.500000	0.004435	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	-20	14.300000	0.005515	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	-10	13.600000	0.005245	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	0	5.100000	0.001967	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	10	-8.900000	-0.003432	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	20	-15.500000	-0.005978	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	30	-8.800000	-0.003394	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	-30	-11.100000	-0.004281	PASS
N41	30	100	DFT-PI2BPSK	M	270@0	NV	40	-12.300000	-0.004744	PASS
N41	30	100	CP-QPSK	M	273@0	NV	50	-8.000000	-0.003085	PASS
N41	30	100	CP-QPSK	M	273@0	NV	-20	10.700000	0.004127	PASS
N41	30	100	CP-QPSK	M	273@0	NV	-10	5.100000	0.001967	PASS
N41	30	100	CP-QPSK	M	273@0	NV	0	18.900000	0.007289	PASS
N41	30	100	CP-QPSK	M	273@0	NV	10	6.500000	0.002507	PASS
N41	30	100	CP-QPSK	M	273@0	NV	20	-7.200000	-0.002777	PASS
N41	30	100	CP-QPSK	M	273@0	NV	30	9.200000	0.003548	PASS
N41	30	100	CP-QPSK	M	273@0	NV	40	5.900000	0.002275	PASS
N41	30	100	CP-QPSK	M	273@0	NV	-30	13.500000	0.005206	PASS

---End of Attachment---