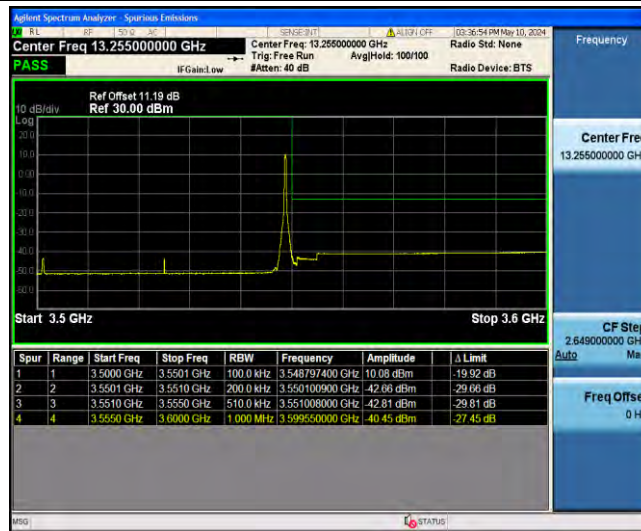
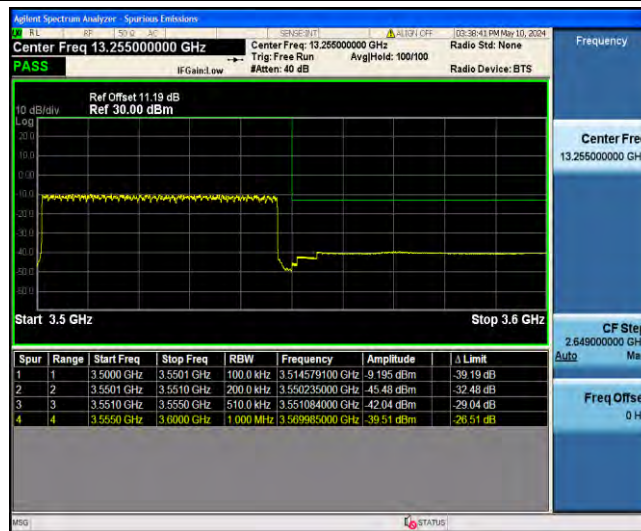
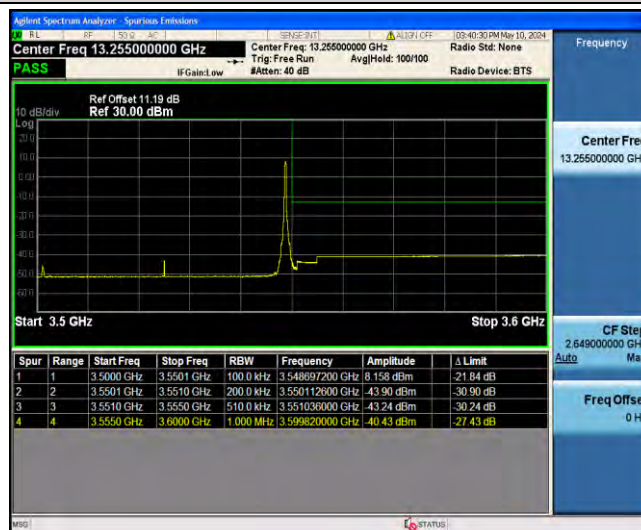




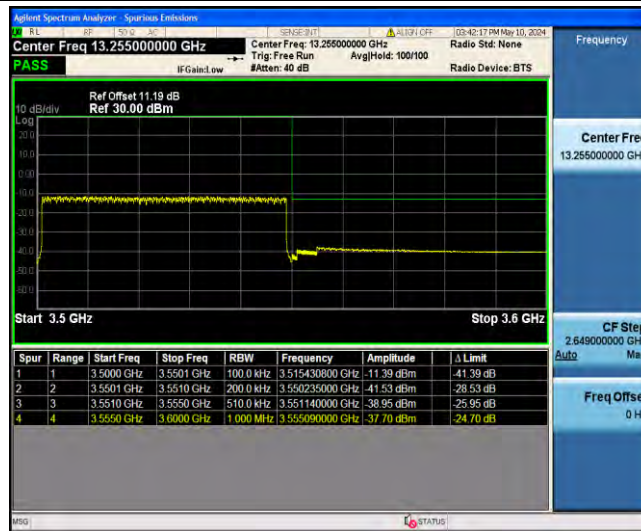
1-N78-3450-3550-PC2-30-50-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@132-Ant14-3599.55-27.45--40.45-PA
SS



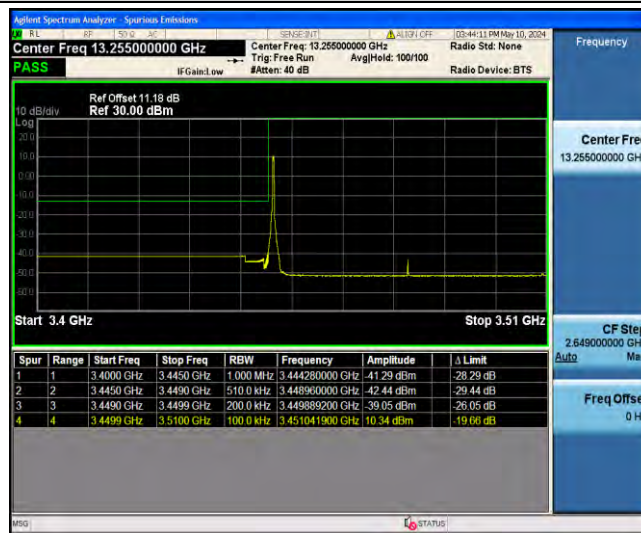
1-N78-3450-3550-PC2-30-50-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant14-3569.99-26.51--39.51-PASS



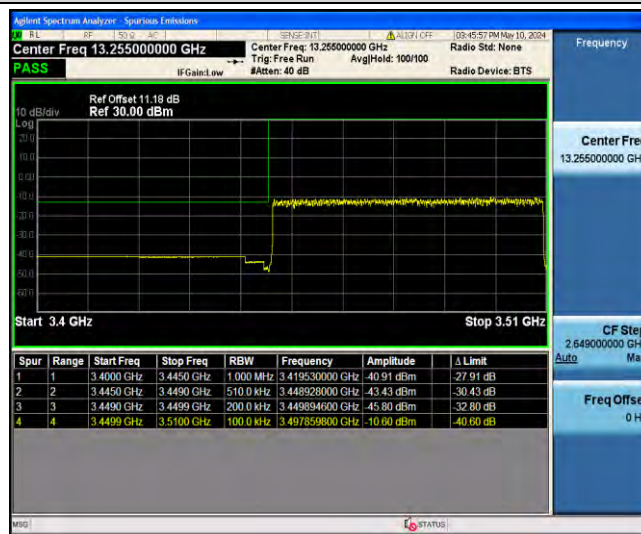
1-N78-3450-3550-PC2-30-50-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant14-3599.82-27.43--40.43-PASS



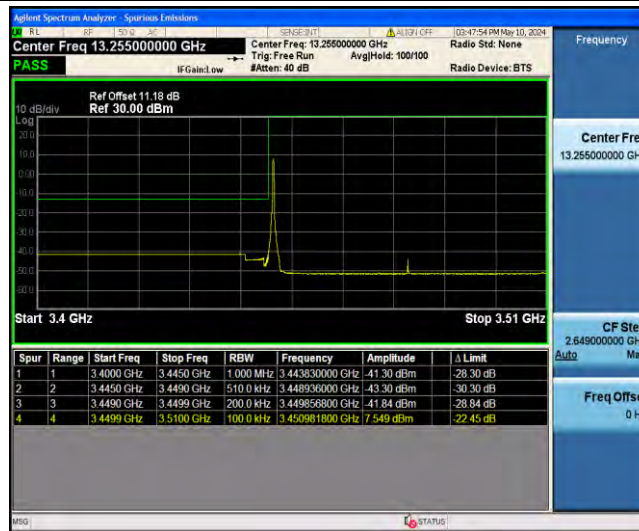
1-N78-3450-3550-PC2-30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant14-3555.09-24.70--37.70-PASS



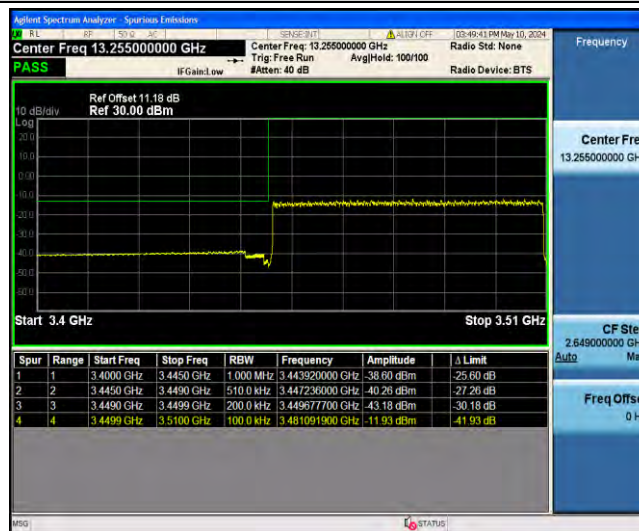
1-N78-3450-3550-PC2-30-60-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant14-3449.89-26.05--39.05-PASS



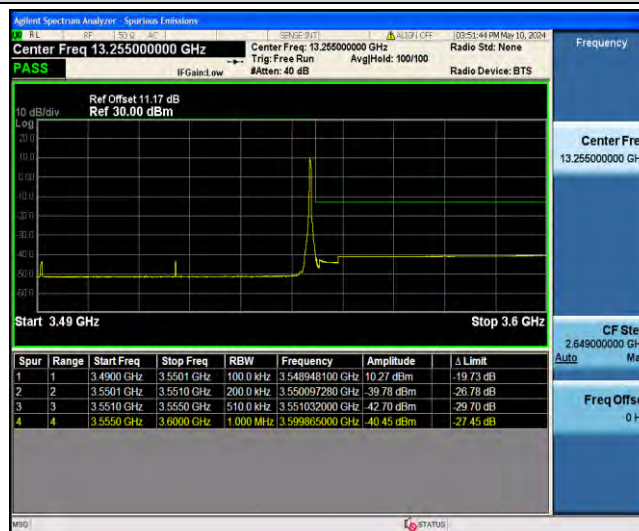
1-N78-3450-3550-PC2-30-60-L-3-DFT-PI2BPSK-Outer_Full-162@0-Ant14-3419.53-27.91--40.91-PASS



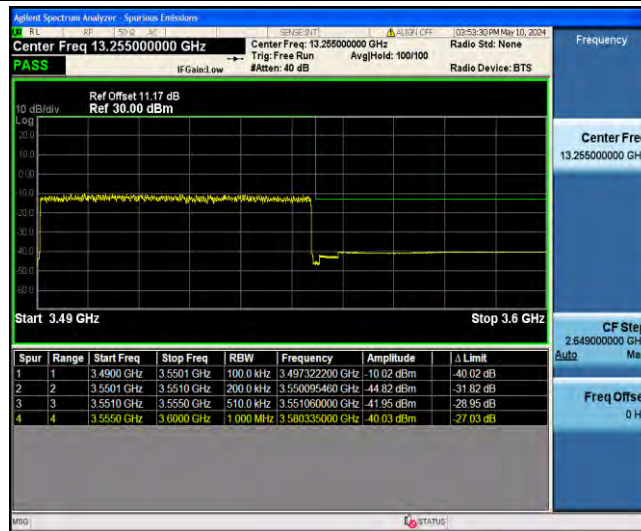
1-N78-3450-3550-PC2-30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant14-3443.83-28.30--41.30-PASS



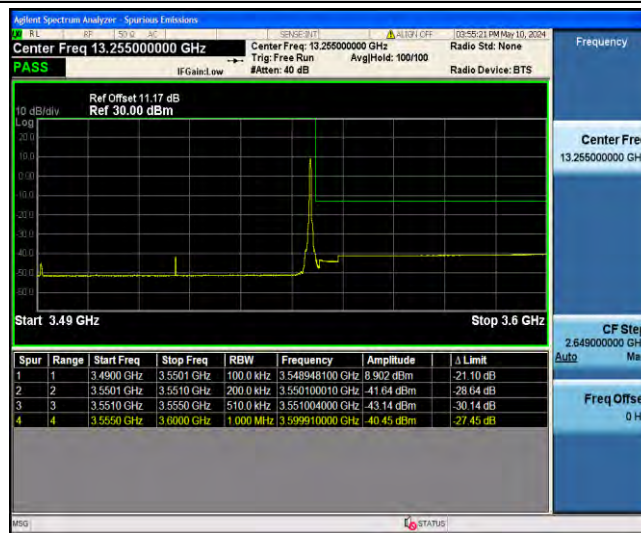
1-N78-3450-3550-PC2-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant14-3443.92-25.60--38.60-PASS



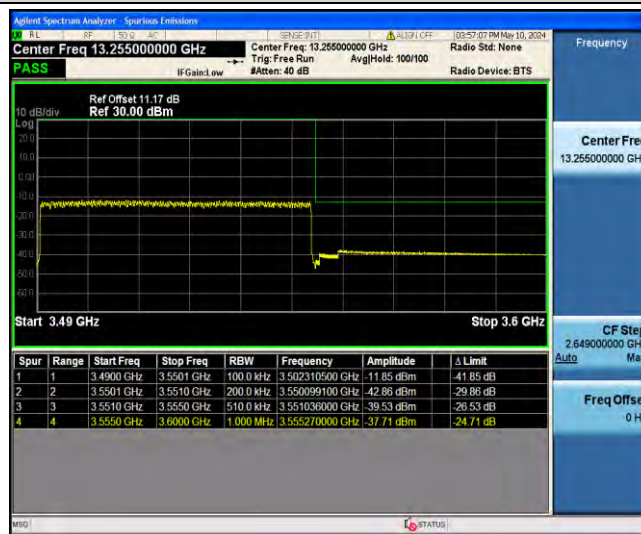
1-N78-3450-3550-PC2-30-60-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@161-Ant14-3550.10-26.78--39.78-PA
SS



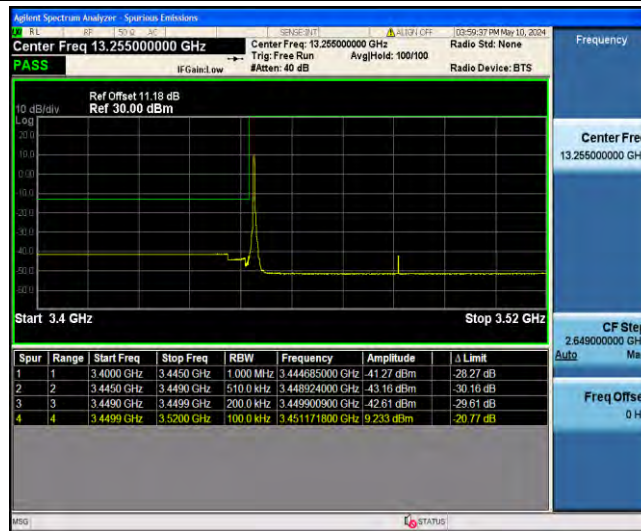
1-N78-3450-3550-PC2-30-60-H-3-DFT-PI2BPSK-Outter_Full-162@0-Ant14-3580.34-27.03--40.03-PASS



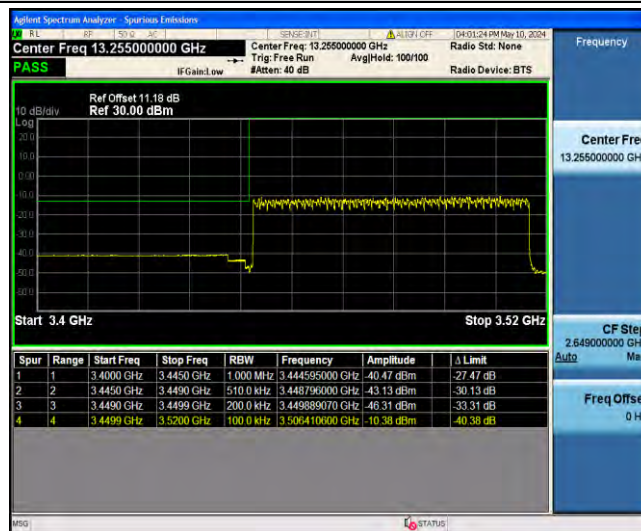
1-N78-3450-3550-PC2-30-60-H-5-CP-QPSK-Edge_1RB_Right-1@161-Ant14-3599.91-27.45--40.45-PASS



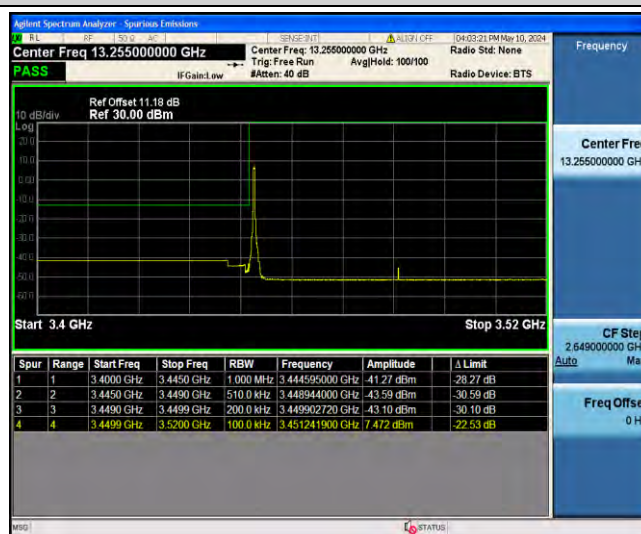
1-N78-3450-3550-PC2-30-60-H-6-CP-QPSK-Outter_Full-162@0-Ant14-3555.27-24.71--37.71-PASS



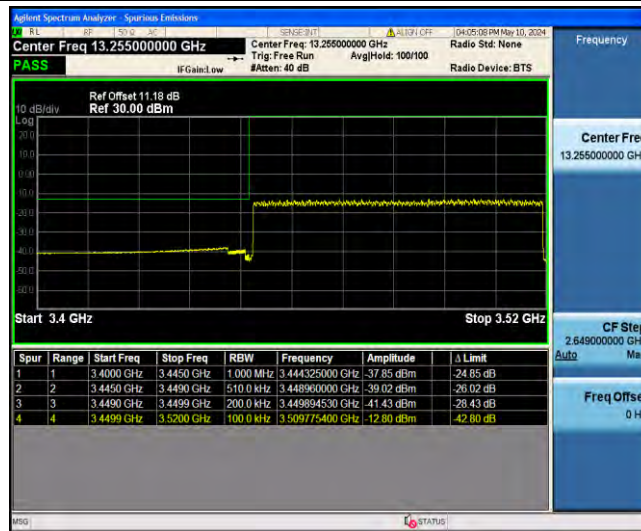
1-N78-3450-3550-PC2-30-70-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant14-3444.69-28.27--41.27-PASS



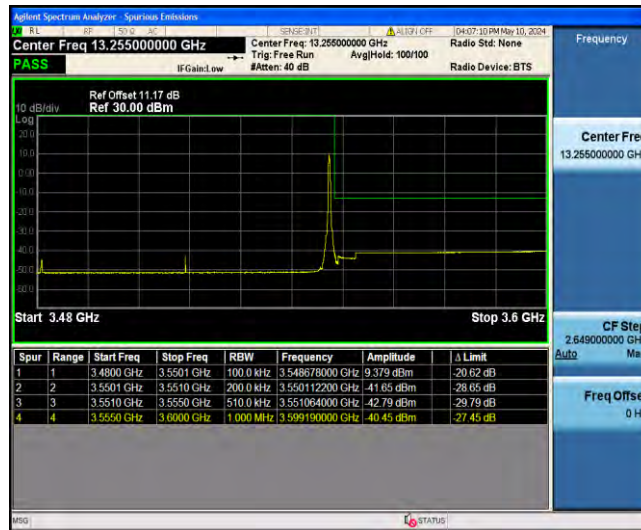
1-N78-3450-3550-PC2-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant14-3444.60-27.47--40.47-PASS



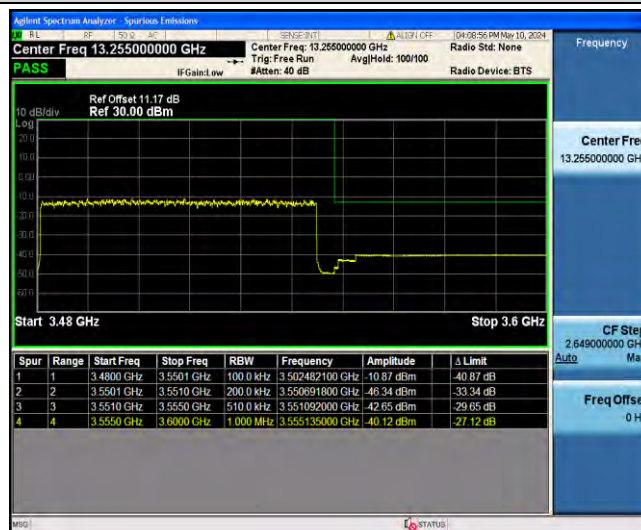
1-N78-3450-3550-PC2-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant14-3444.60-28.27--41.27-PASS



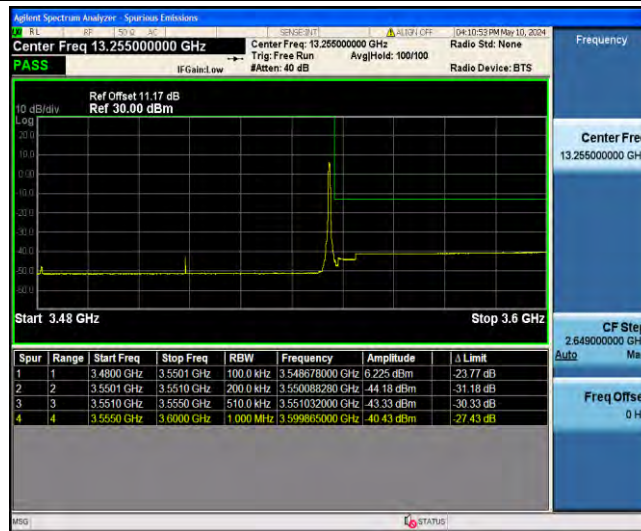
1-N78-3450-3550-PC2-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant14-3444.33-24.85--37.85-PASS



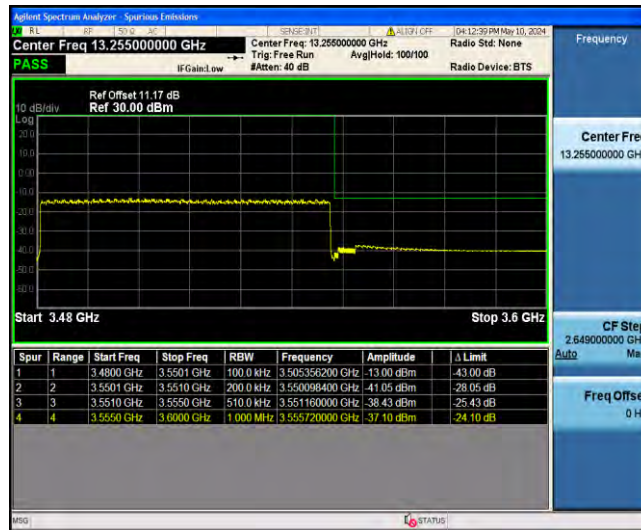
1-N78-3450-3550-PC2-30-70-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@188-Ant14-3599.19-27.45--40.45-PASS



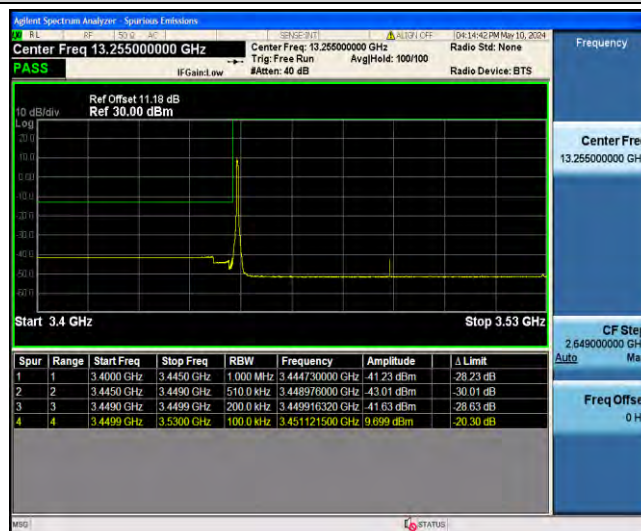
1-N78-3450-3550-PC2-30-70-H-3-DFT-PI2BPSK-Outer_Full-180@0-Ant14-3555.14-27.12--40.12-PASS



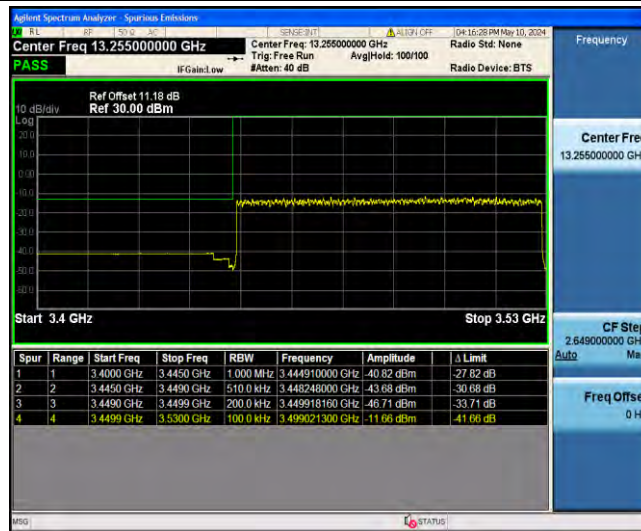
1-N78-3450-3550-PC2-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant14-3599.87-27.43--40.43-PASS



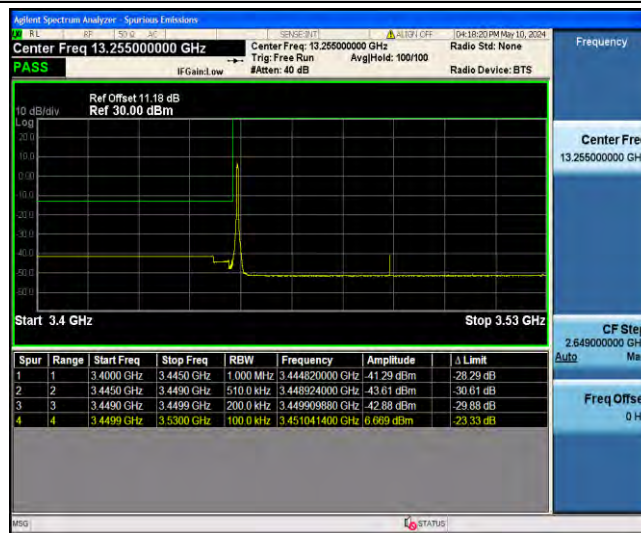
1-N78-3450-3550-PC2-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant14-3555.72-24.10--37.10-PASS



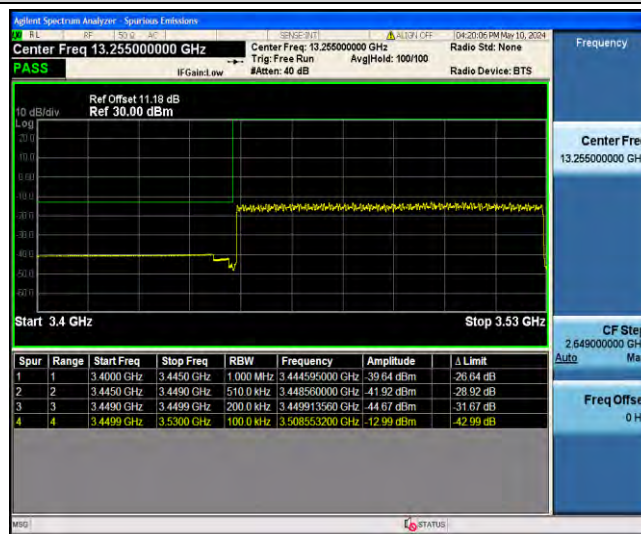
1-N78-3450-3550-PC2-30-80-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant14-3444.73-28.23--41.23-PASS



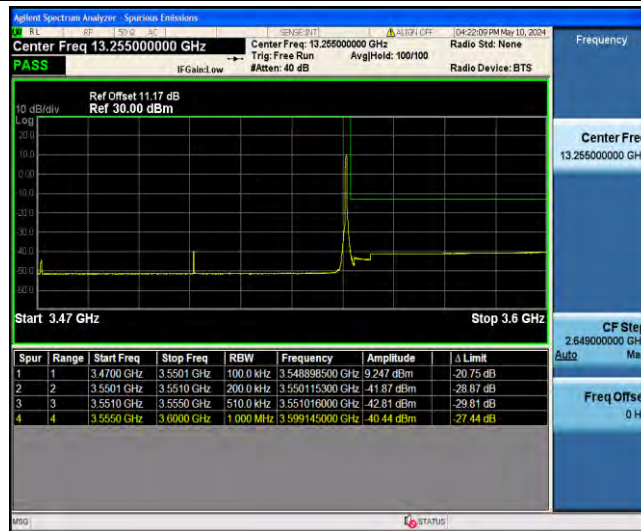
1-N78-3450-3550-PC2-30-80-L-3-DFT-PI2BPSK-Outter_Full-216@0-Ant14-3444.91-27.82--40.82-PASS



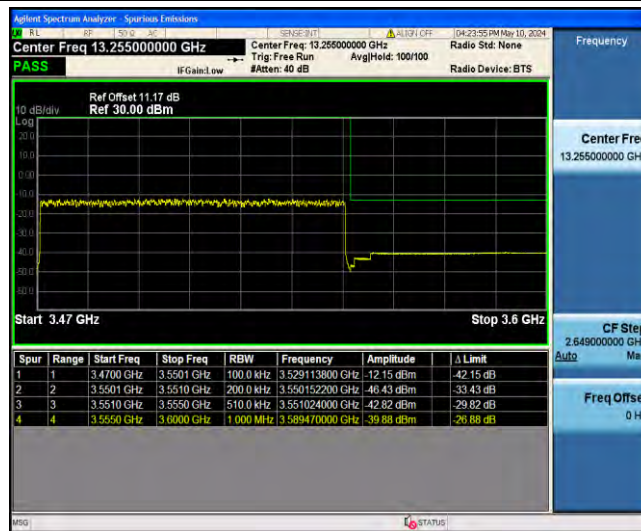
1-N78-3450-3550-PC2-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant14-3444.82-28.29--41.29-PASS



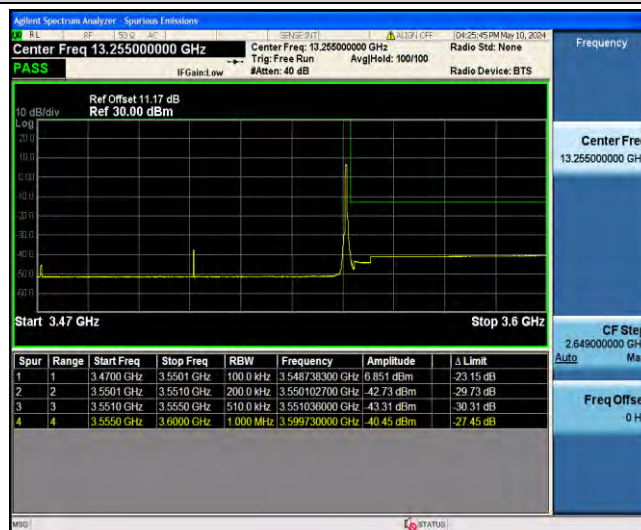
1-N78-3450-3550-PC2-30-80-L-6-CP-QPSK-Outter_Full-217@0-Ant14-3444.60-26.64--39.64-PASS



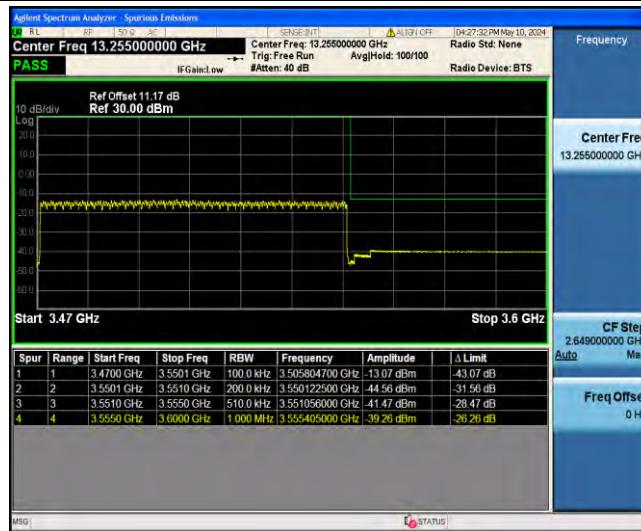
1-N78-3450-3550-PC2-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@216-Ant14-3599.15-27.44--40.44-PA
SS



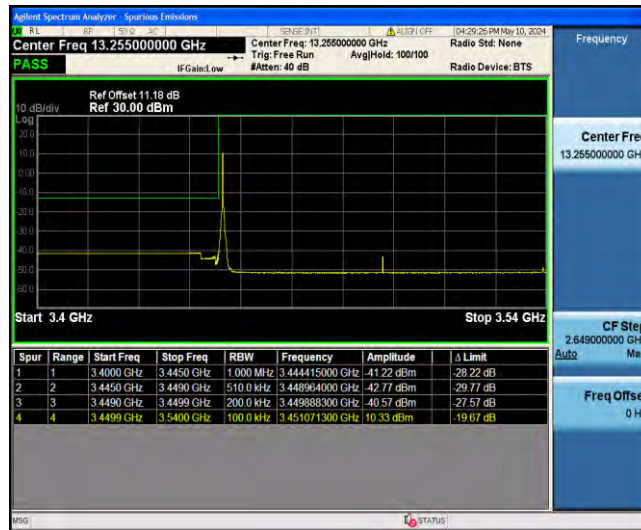
1-N78-3450-3550-PC2-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant14-3589.47-26.88--39.88-PASS



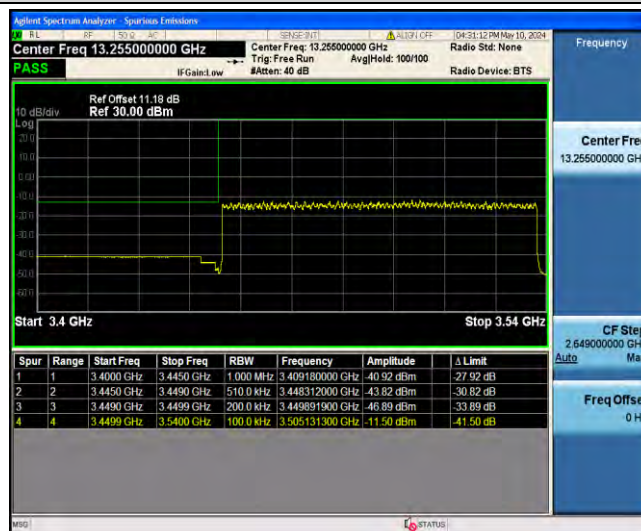
1-N78-3450-3550-PC2-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant14-3599.73-27.45--40.45-PASS



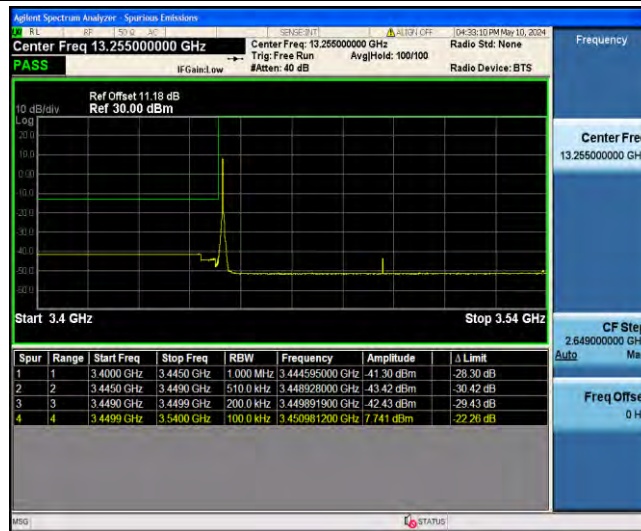
1-N78-3450-3550-PC2-30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant14-3555.41-26.26--39.26-PASS



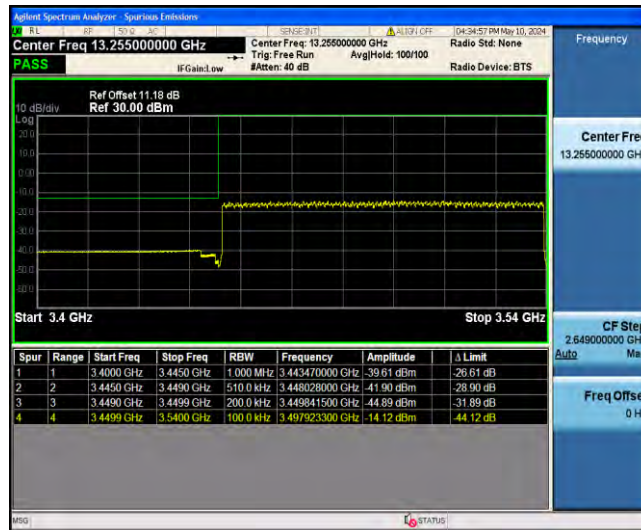
1-N78-3450-3550-PC2-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant14-3449.89-27.57--40.57-PASS



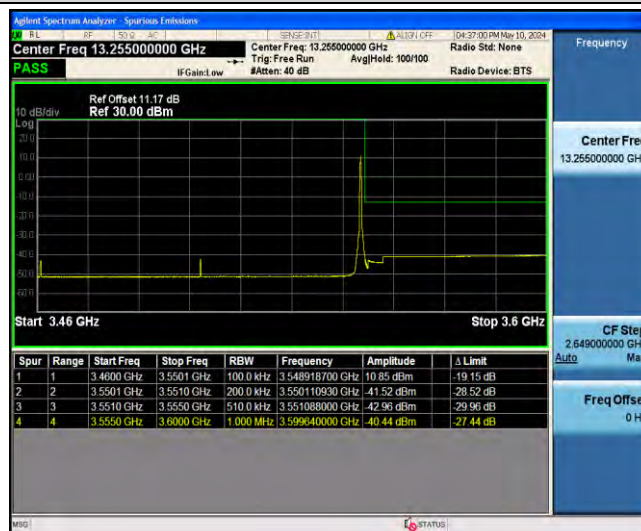
1-N78-3450-3550-PC2-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant14-3409.18-27.92--40.92-PASS



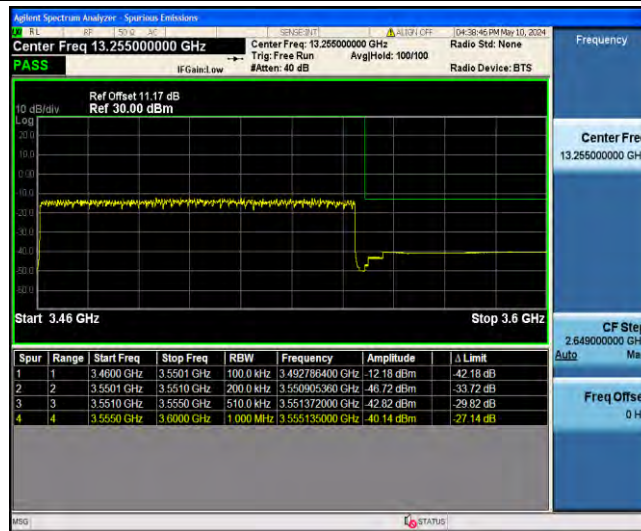
1-N78-3450-3550-PC2-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant14-3444.60-28.30--41.30-PASS



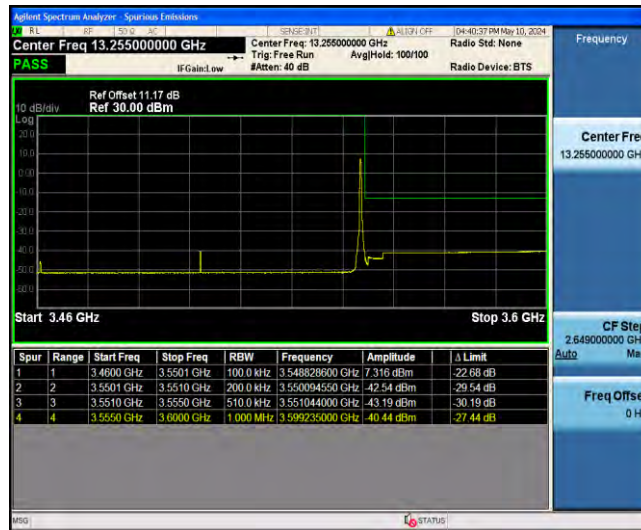
1-N78-3450-3550-PC2-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant14-3443.47-26.61--39.61-PASS



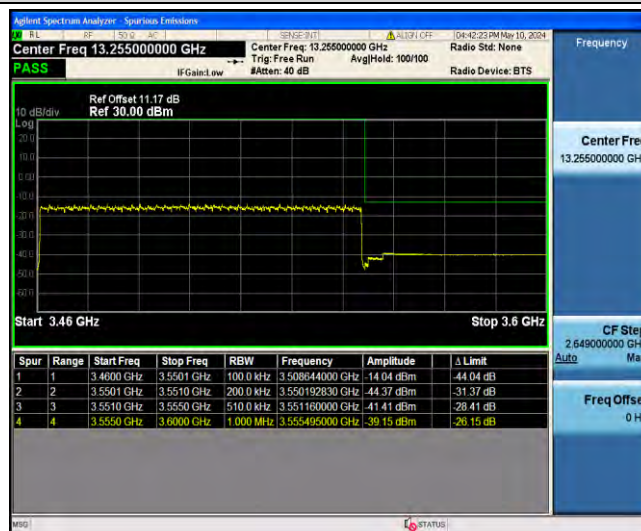
1-N78-3450-3550-PC2-30-90-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@244-Ant14-3599.64-27.44--40.44-PA
SS



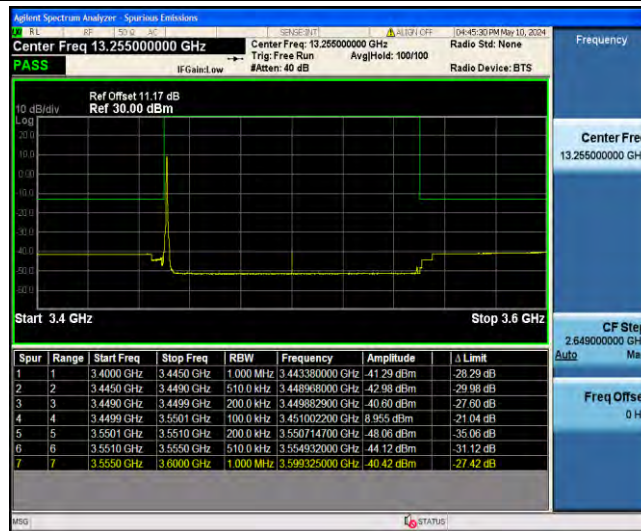
1-N78-3450-3550-PC2-30-90-H-3-DFT-PI2BPSK-Outter_Full-240@0-Ant14-3555.14-27.14--40.14-PASS



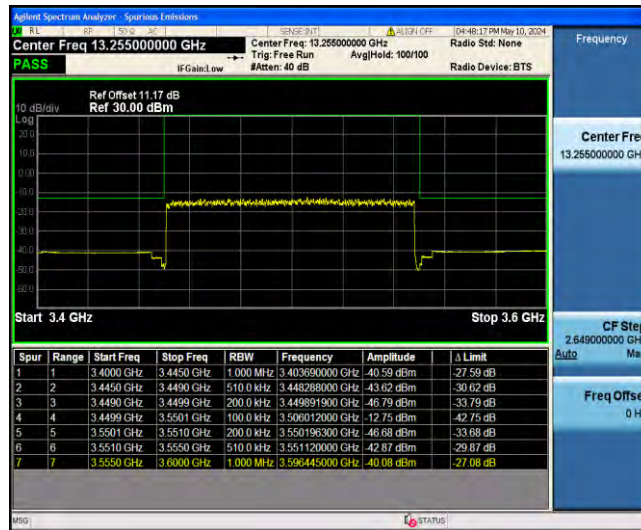
1-N78-3450-3550-PC2-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant14-3599.24-27.44--40.44-PASS



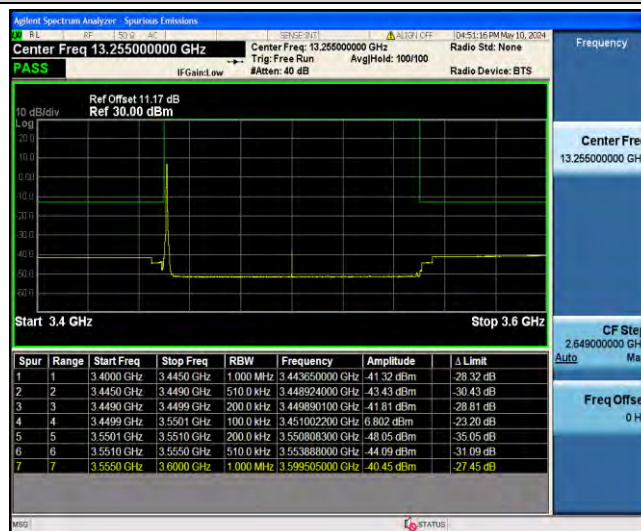
1-N78-3450-3550-PC2-30-90-H-6-CP-QPSK-Outter_Full-245@0-Ant14-3555.50-26.15--39.15-PASS



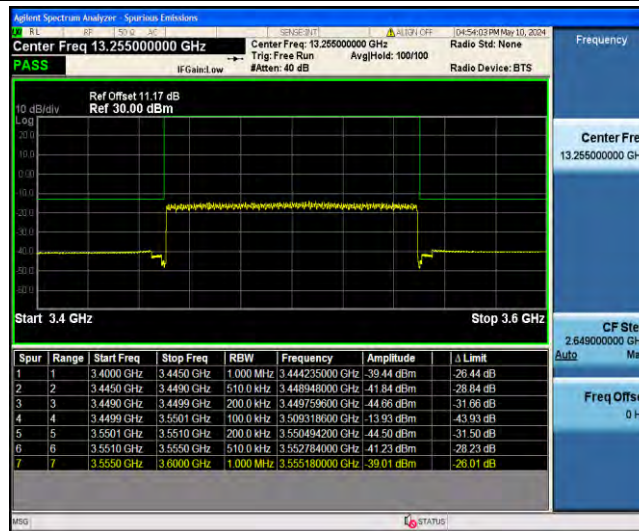
1-N78-3450-3550-PC2-30-100-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant14-3599.33-27.42--40.42-PASS



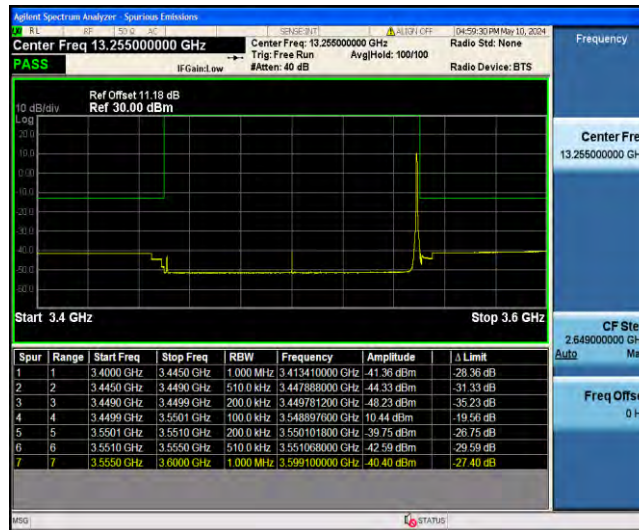
1-N78-3450-3550-PC2-30-100-L-3-DFT-PI2BPSK-Outer_Full-270@0-Ant14-3596.45-27.08--40.08-PASS



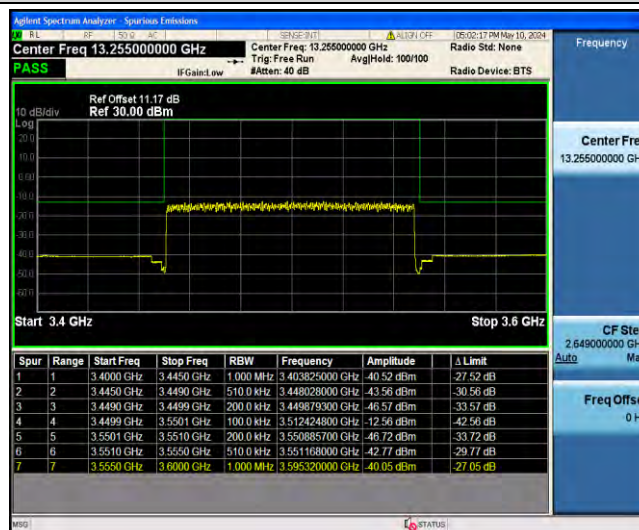
1-N78-3450-3550-PC2-30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant14-3599.51-27.45--40.45-PASS



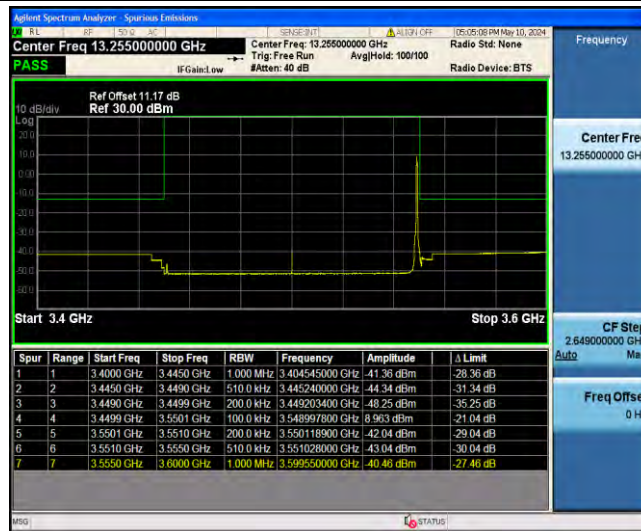
1-N78-3450-3550-PC2-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant14-3555.18-26.01--39.01-PASS



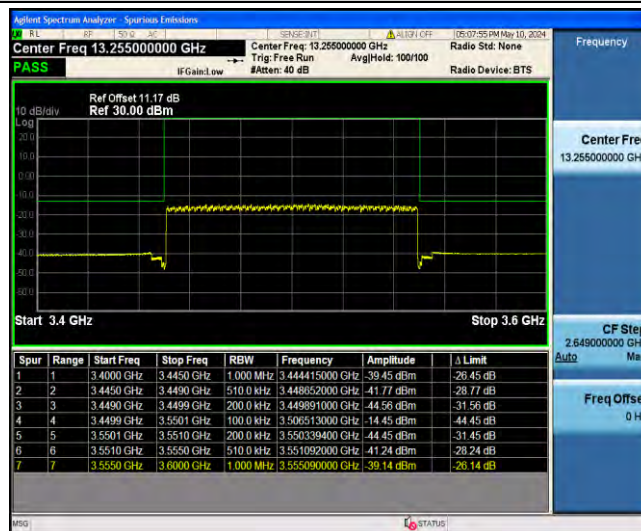
1-N78-3450-3550-PC2-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@272-Ant14-3550.10-26.75--39.75-PASS



1-N78-3450-3550-PC2-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant14-3595.32-27.05--40.05-PASS



1-N78-3450-3550-PC2-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant14-3599.55-27.46--40.46-PASS



1-N78-3450-3550-PC2-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant14-3555.09-26.14--39.14-PASS

Conducted Spurious Emission for SA

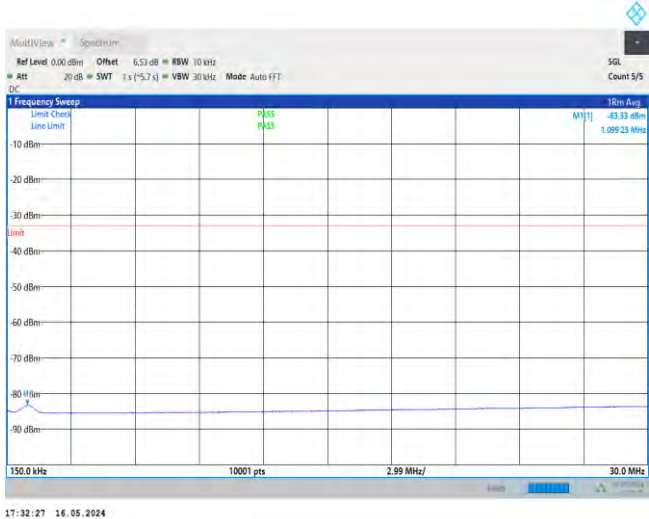
Test Result

Band	SCS	Bandwidth	Modulation	Channel	StartFreq	StopFreq	RB Config	Result	Limit	Verdict
N78-3450-3550	30	100	DFT-PI2BPSK	L	0.009	0.15	1@1	-90.14	-43	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	0.15	30	1@1	-83.33	-33	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	30	1000	1@1	-54.58	-23	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	1000	3000	1@1	-43.74	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	3000	6000	1@1	-38.45	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	6000	26000	1@1	-34.97	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	26000	40000	1@1	-42.61	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	0.009	0.15	1@1	-90.17	-43	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	0.15	30	1@1	-83.30	-33	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	30	1000	1@1	-54.46	-23	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	1000	3000	1@1	-43.79	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	3000	6000	1@1	-38.44	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	6000	26000	1@1	-35.05	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	26000	40000	1@1	-42.75	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	0.009	0.15	1@1	-90.09	-43	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	0.15	30	1@1	-83.34	-33	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	30	1000	1@1	-54.96	-23	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	1000	3000	1@1	-43.84	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	3000	6000	1@1	-38.41	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	6000	26000	1@1	-35.20	-13	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	H	26000	40000	1@1	-42.30	-13	PASS

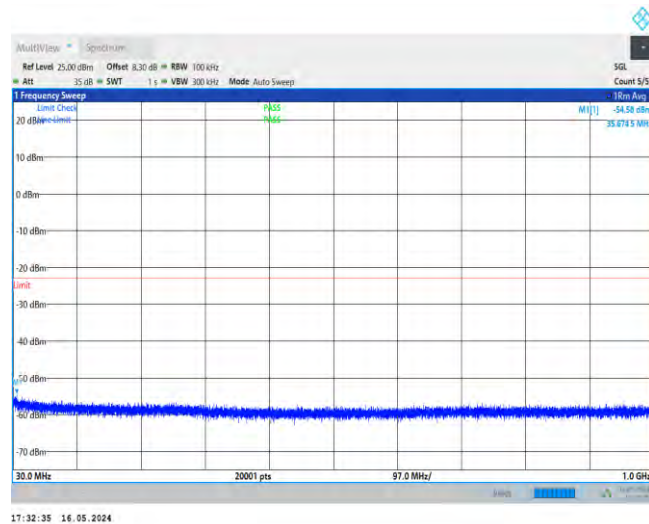
Test Graphs



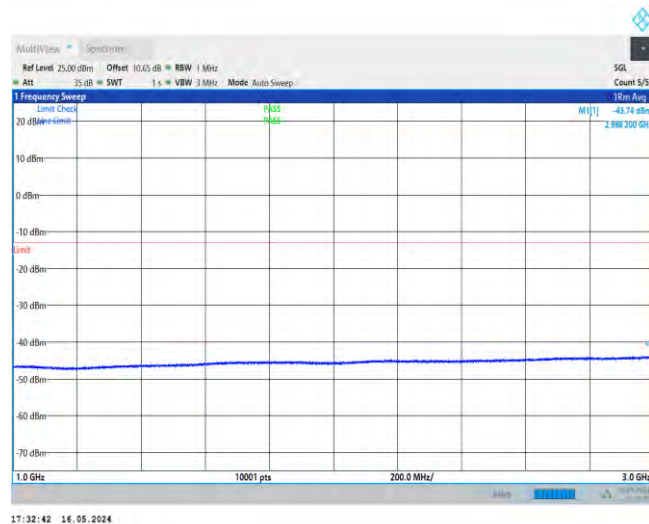
1-N78-3450-3550-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant14-0.12--90.14--43-PASS



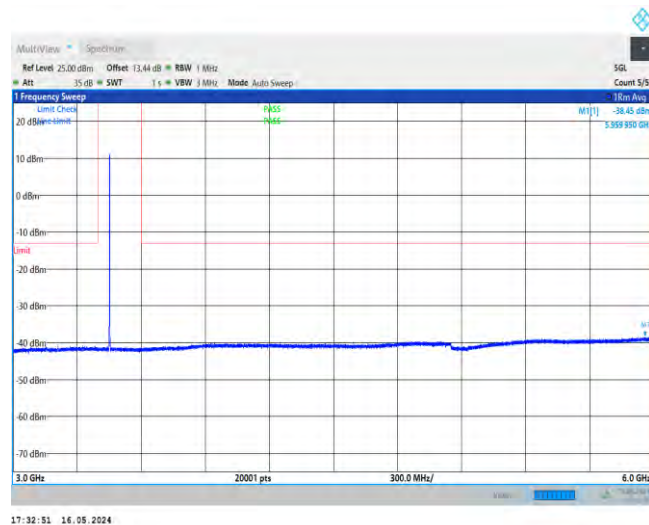
1-N78-3450-3550-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant14-1.10--83.33--33-PASS



1-N78-3450-3550-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant14-34.07--54.5
8--23-PASS

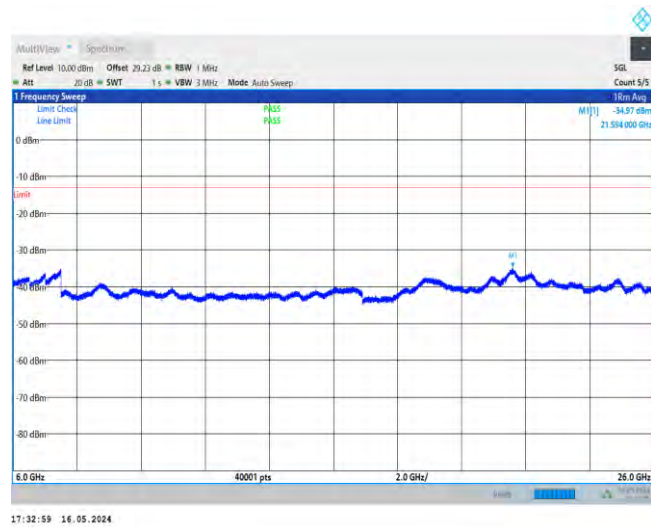


1-N78-3450-3550-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant14-2978.00--
43.74--13-PASS

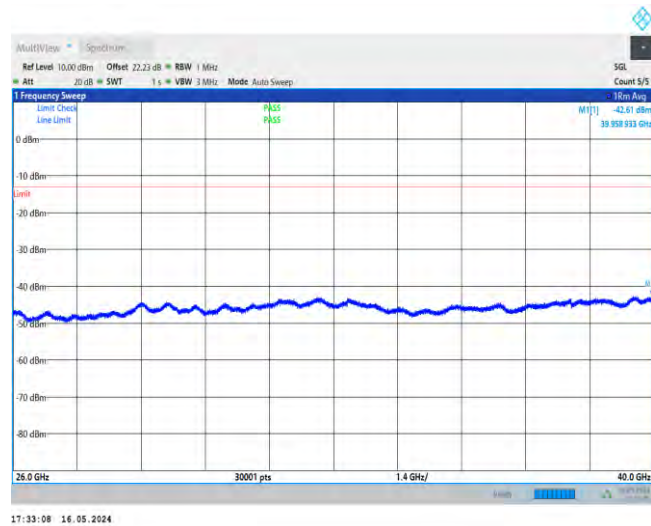


1-N78-3450-3550-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-6000-Ant14-5961.45--

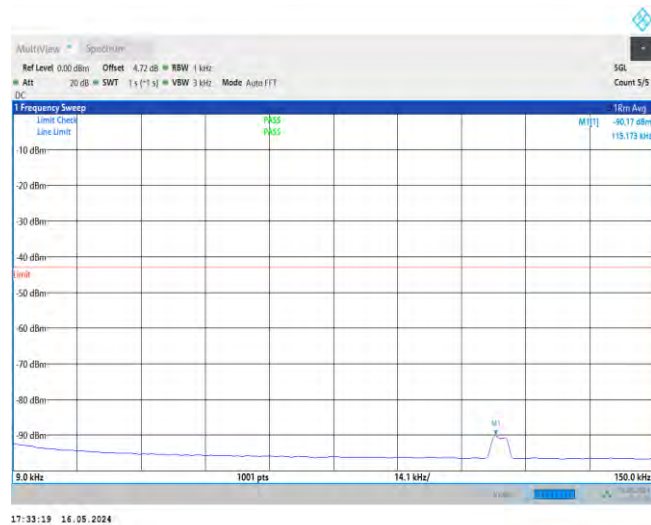
38.45--13-PASS



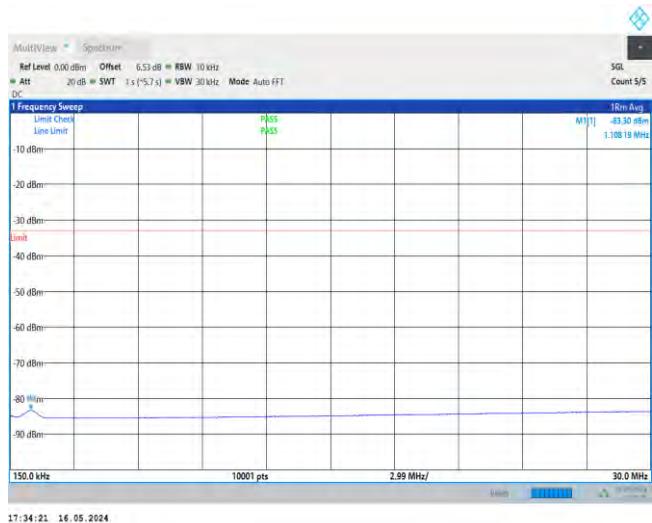
1-N78-3450-3550-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-26000-Ant14-21594.0
0--34.97--13-PASS



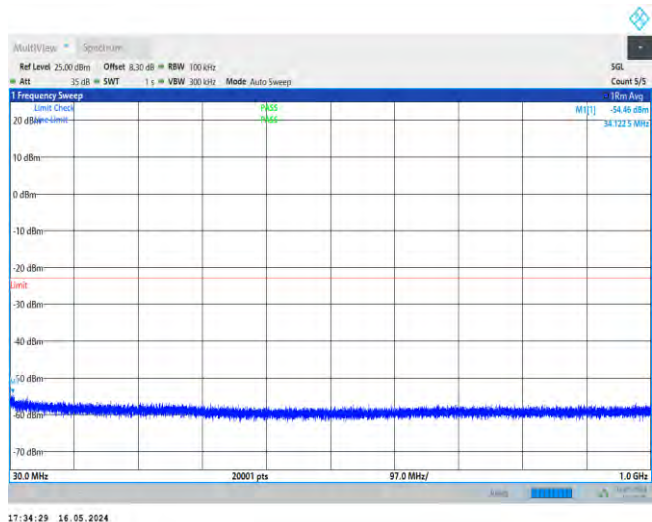
1-N78-3450-3550-PC2-30-100-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-26000-40000-Ant14-39958.
93--42.61--13-PASS



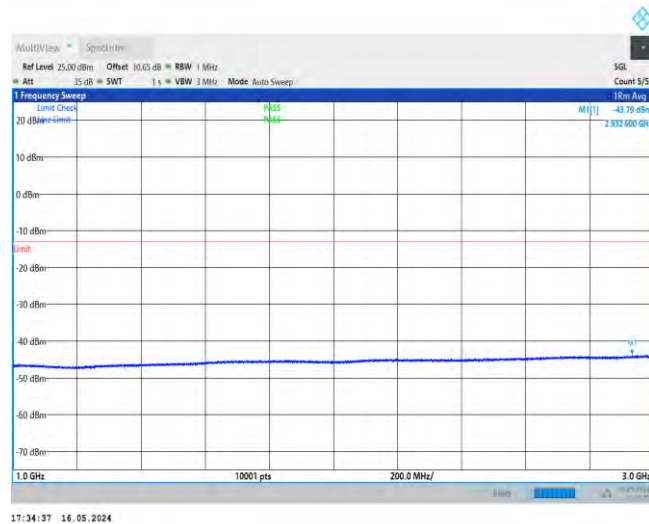
1-N78-3450-3550-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant14-0.12--90.
17--43-PASS



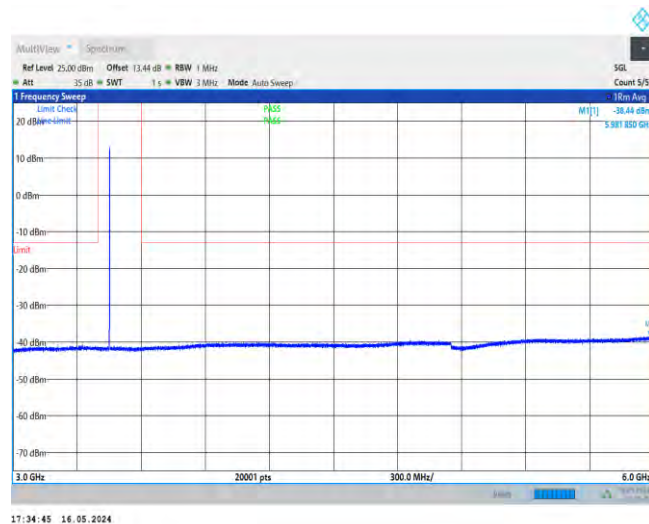
1-N78-3450-3550-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant14-1.11--83.30-
-33-PASS



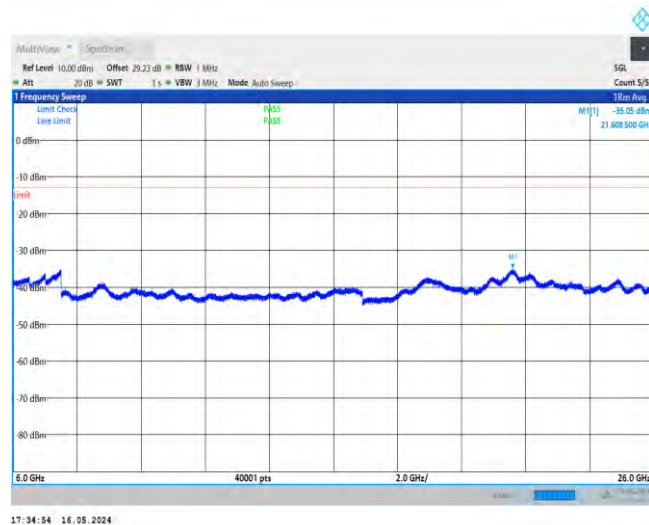
1-N78-3450-3550-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant14-34.12--54.4
6--23-PASS



1-N78-3450-3550-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant14-2932.60-
-43.79--13-PASS

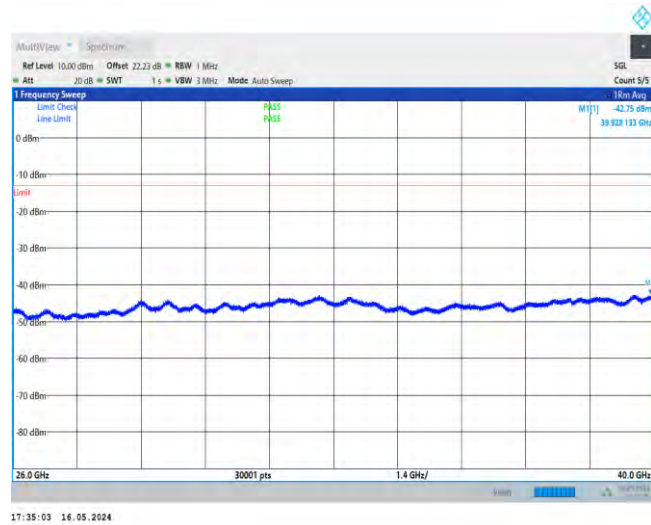


1-N78-3450-3550-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-6000-Ant14-5981.85-
-38.44--13-PASS

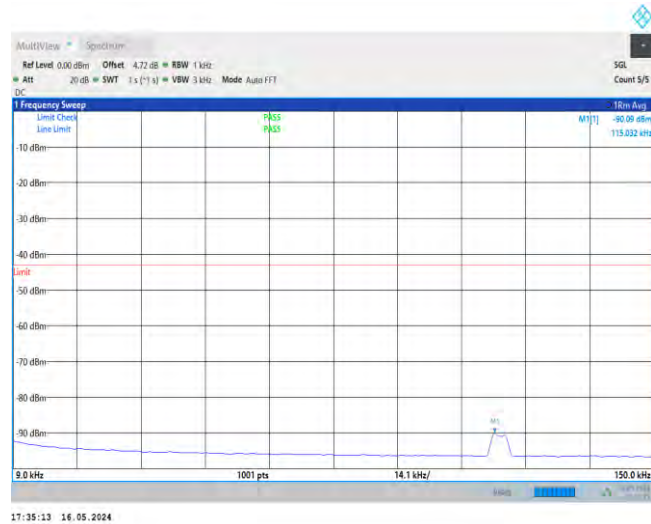


1-N78-3450-3550-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-26000-Ant14-21608.5

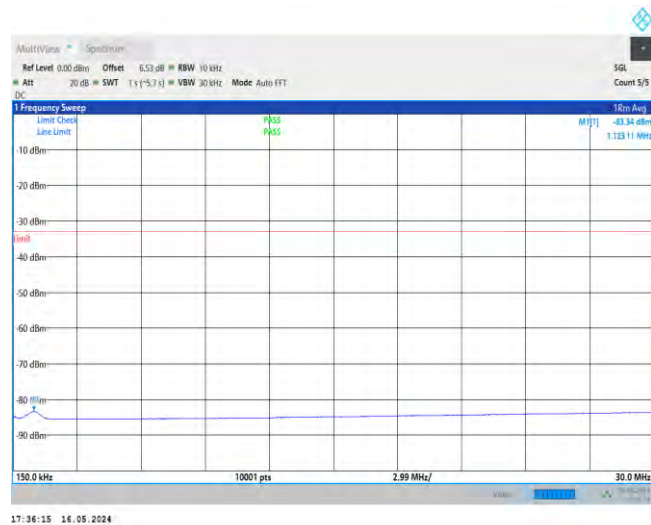
0--35.05--13-PASS



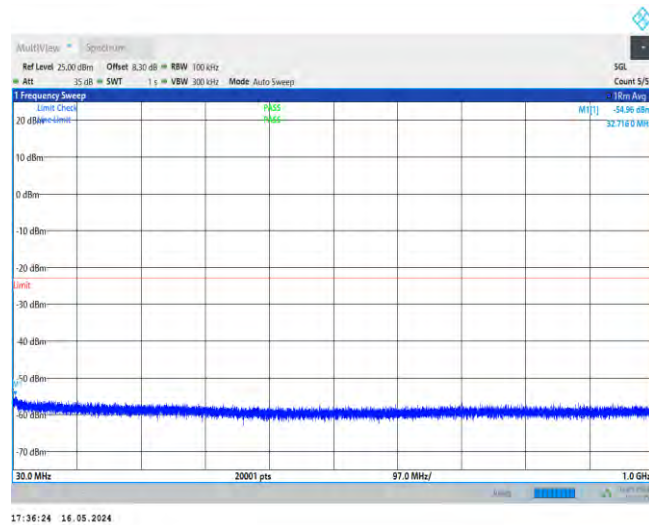
1-N78-3450-3550-PC2-30-100-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-26000-40000-Ant14-39928. 13--42.75--13-PASS



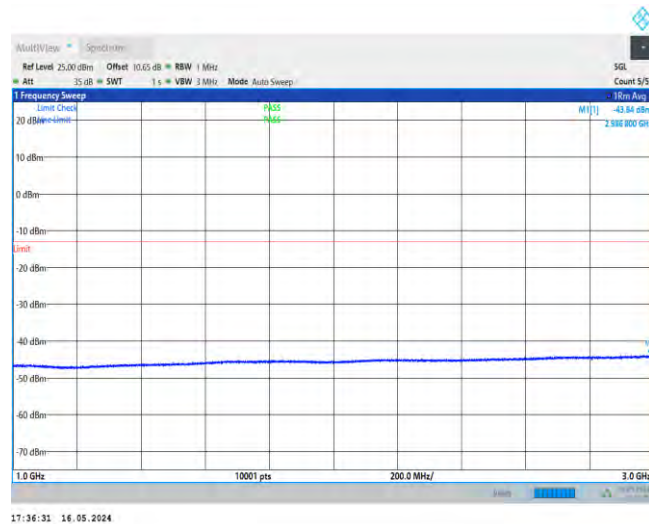
1-N78-3450-3550-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant14-0.12--90. 09--43-PASS



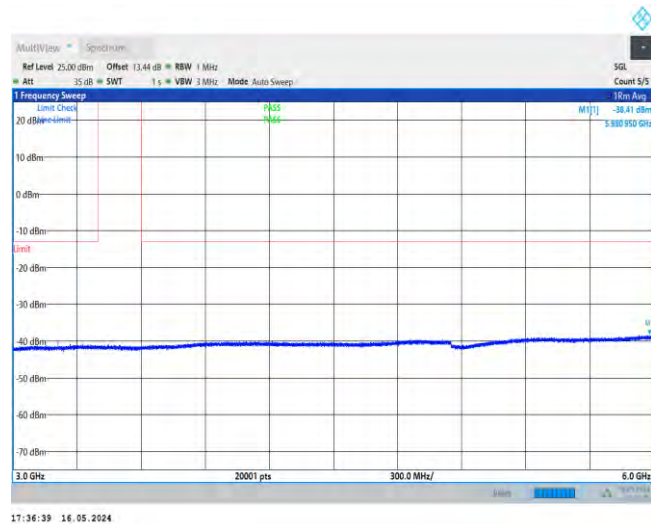
1-N78-3450-3550-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant14-1.12--83.34-
-33-PASS



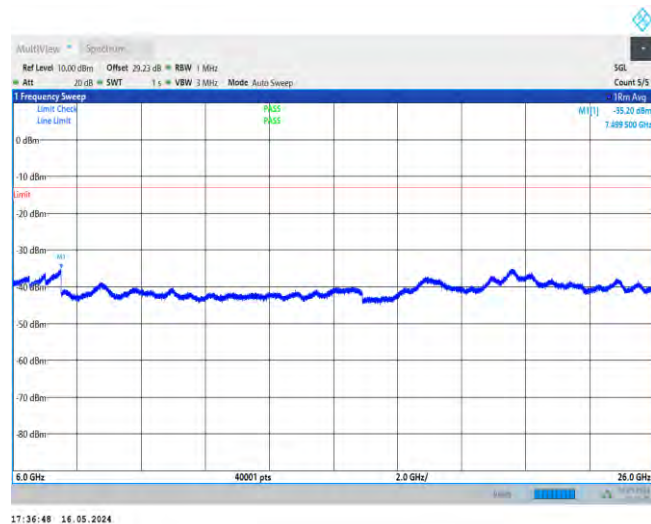
1-N78-3450-3550-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant14-32.72--54.9
6--23-PASS



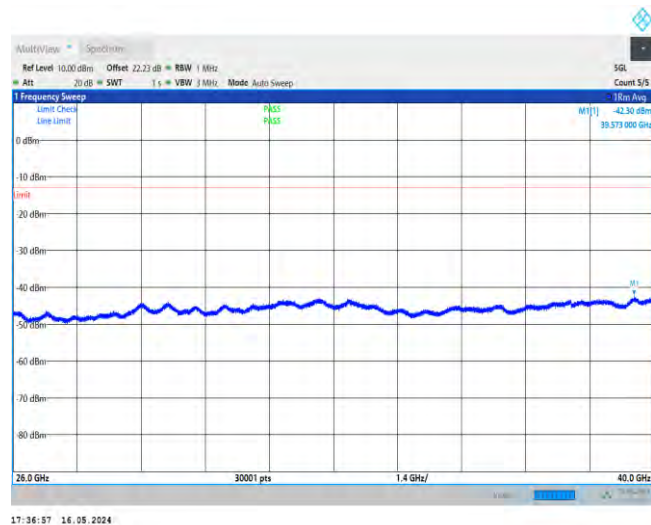
1-N78-3450-3550-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant14-2986.80--
43.84--13-PASS



1-N78-3450-3550-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-6000-Ant14-5980.95--38.41--13-PASS



1-N78-3450-3550-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-26000-Ant14-7499.50--35.20--13-PASS



1-N78-3450-3550-PC2-30-100-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-26000-40000-Ant14-39573.

00--42.30--13-PASS

Field Strength of Spurious Radiation

SA Band 78 3450-3550 ANT23- 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
6910.0	-62.08	-13	-49.08	-68.18	4.91	11.01	Horizontal	Pass
10365.0	-56.81	-13	-43.81	-64.39	5.52	13.1	Horizontal	Pass
13820.0	-56.09	-13	-43.09	-64.26	6.21	14.38	Horizontal	Pass
6910.0	-61.65	-13	-48.65	-67.75	4.91	11.01	Vertical	Pass
10365.0	-56.8	-13	-43.8	-64.38	5.52	13.1	Vertical	Pass
13820.0	-56.12	-13	-43.12	-64.29	6.21	14.38	Vertical	Pass

DC_2A_n78A 3450-3550-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
6910.0	-61.14	-13	-48.14	-67.24	4.91	11.01	Horizontal	Pass
10365.0	-57.06	-13	-44.06	-64.64	5.52	13.1	Horizontal	Pass
13820.0	-55.37	-13	-42.37	-63.54	6.21	14.38	Horizontal	Pass
6910.0	-61.32	-13	-48.32	-67.42	4.91	11.01	Vertical	Pass
10365.0	-57.08	-13	-44.08	-64.66	5.52	13.1	Vertical	Pass
13820.0	-55.56	-13	-42.56	-63.73	6.21	14.38	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
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	VH	NT	-8.00	0.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	VN	NT	-8.50	0.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	VL	NT	-6.00	0.00	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	VH	NT	-5.60	0.00	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	VN	NT	15.30	0.00	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	VL	NT	7.90	0.00	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	NV	50	-9.100000	-0.002600	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	NV	-20	10.500000	0.003000	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	NV	-10	7.200000	0.002057	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	NV	0	12.000000	0.003429	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	NV	10	13.300000	0.003800	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	NV	20	-12.600000	-0.003600	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	NV	30	-12.700000	-0.003629	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	NV	-30	-7.100000	-0.002029	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	NV	40	16.700000	0.004771	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	NV	50	21.800000	0.006229	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	NV	-20	10.400000	0.002971	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	NV	-10	16.900000	0.004829	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	NV	0	14.400000	0.004114	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	NV	10	11.100000	0.003171	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	NV	20	17.800000	0.005086	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	NV	30	9.800000	0.002800	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	NV	40	16.900000	0.004829	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	NV	-30	-7.900000	-0.002257	PASS

---End of Attachment---