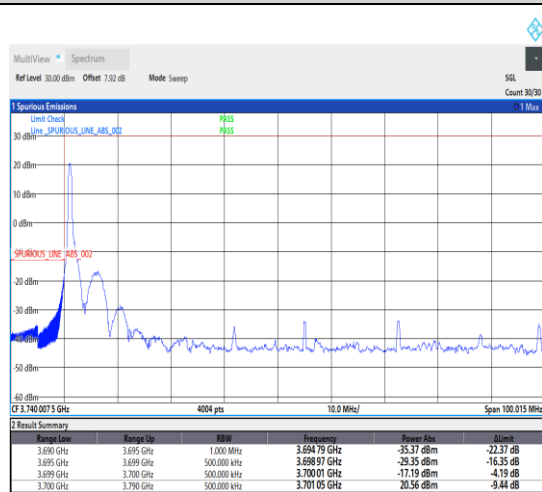
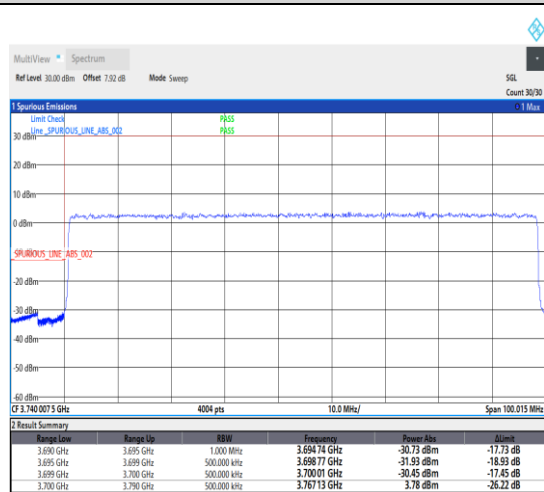


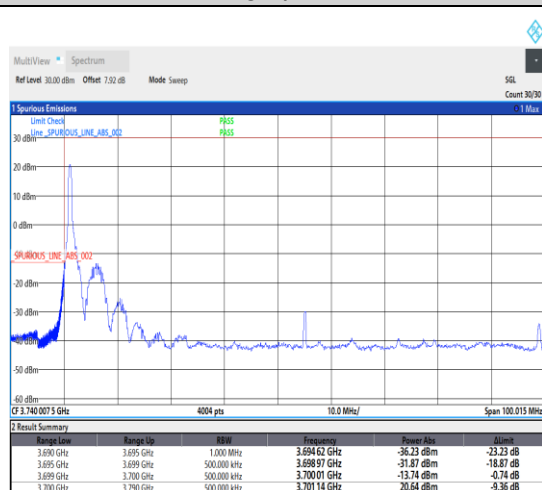
1-N78-3700-3800--30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph



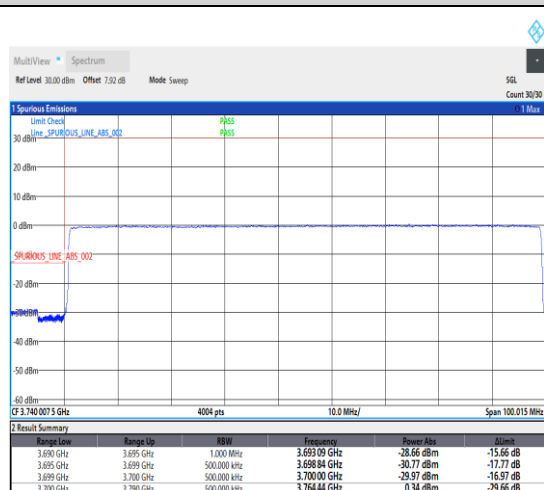
1-N78-3700-3800--30-80-H-6-CP-QPSK-Out er_Full-217@0-Ant1-1--PASS-see graph



1-N78-3700-3800--30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

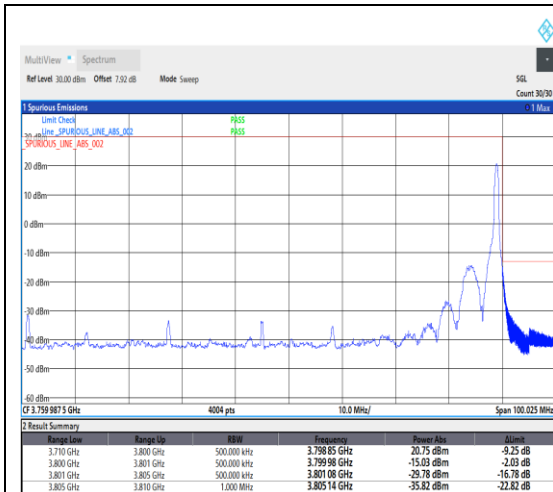


1-N78-3700-3800--30-90-L-3-DFT-PI2BPSK-Outer_Full-243@0-Ant1-1--PASS-see graph

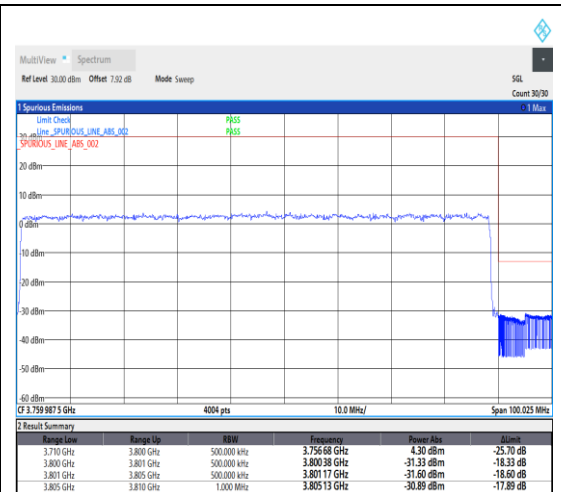


1-N78-3700-3800--30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

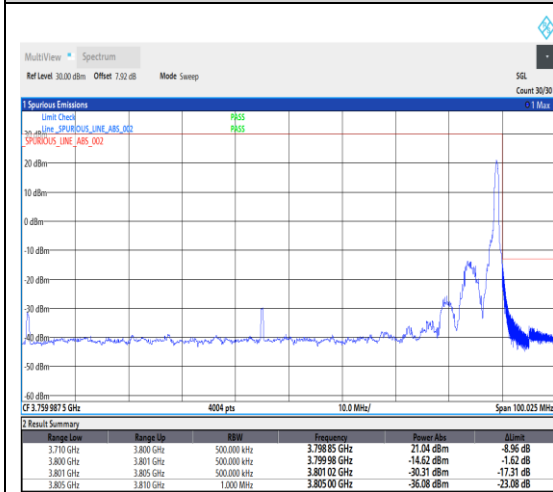
1-N78-3700-3800--30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph



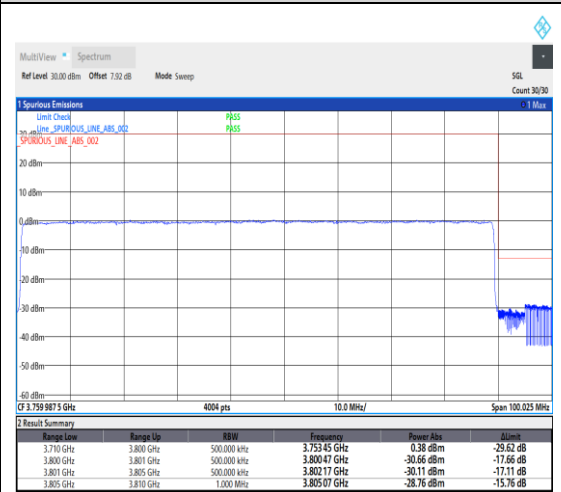
1-N78-3700-3800--30-90-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph



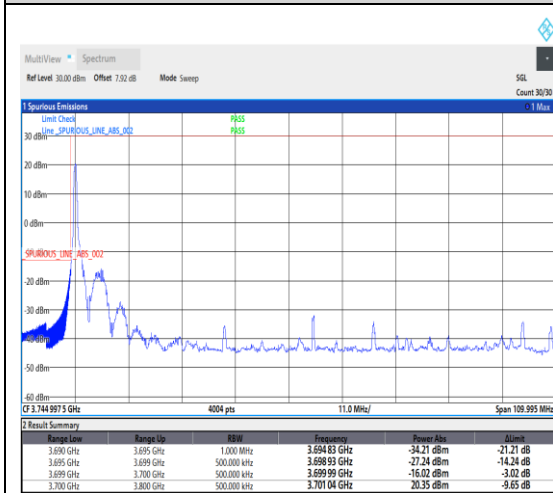
1-N78-3700-3800--30-90-H-3-DFT-PI2BPSK-Outer_Full-243@0-Ant1-1--PASS-see graph



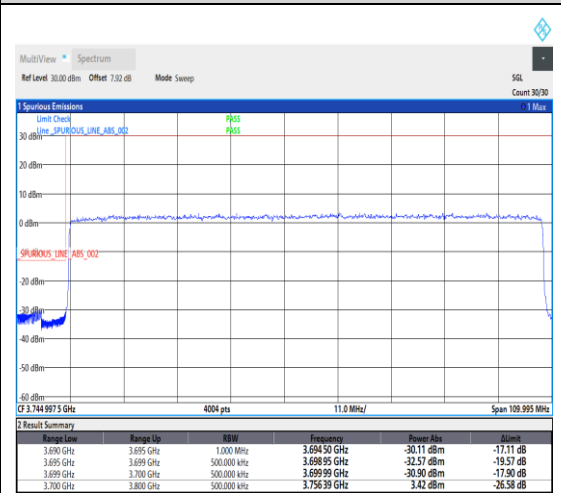
1-N78-3700-3800--30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph



1-N78-3700-3800--30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph

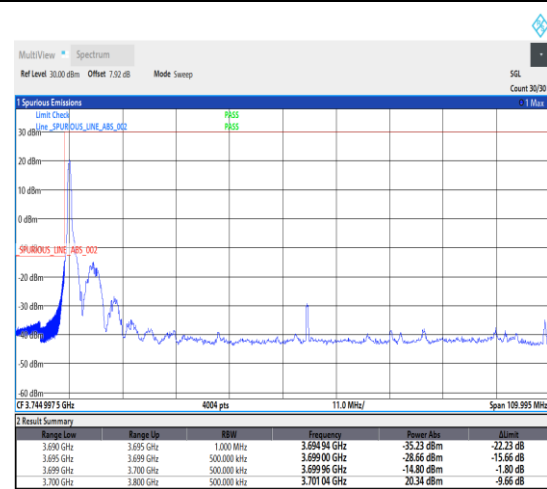


1-N78-3700-3800--30-100-L-1-DFT-PI2BPSK

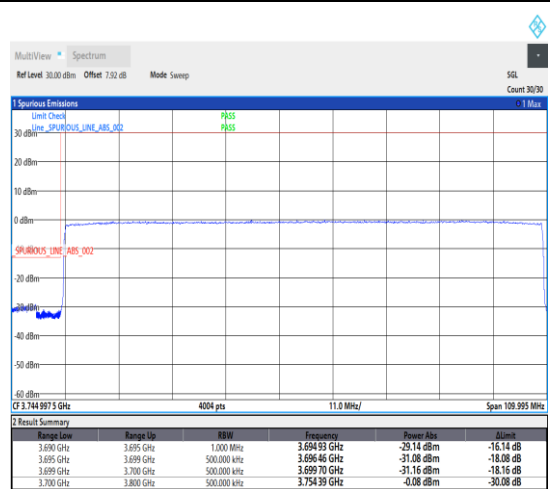


1-N78-3700-3800--30-100-L-3-DFT-PI2BPSK

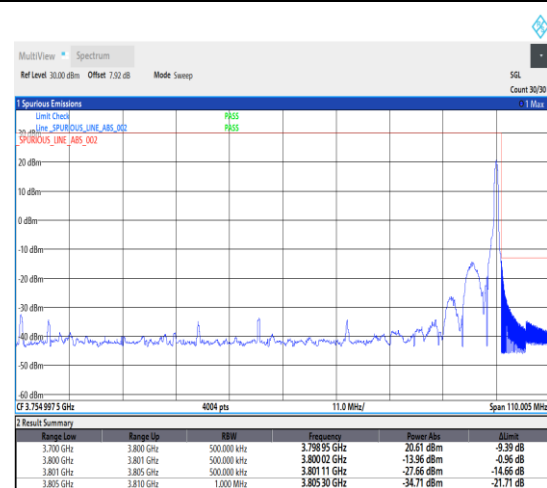
-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



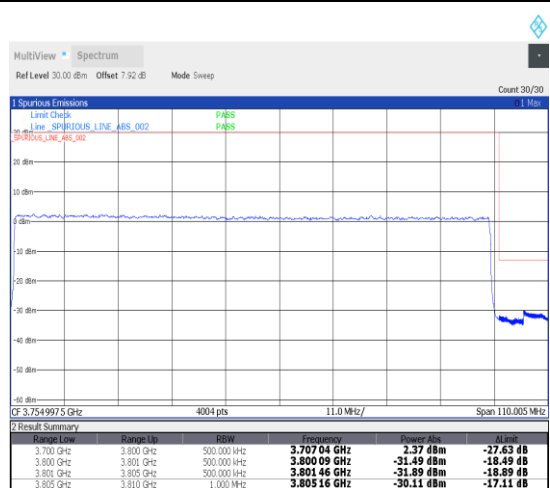
-Outer_Full-270@0-Ant1-1--PASS-see graph



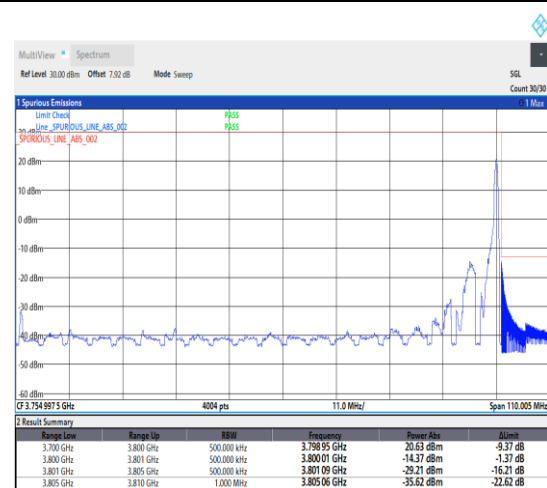
1-N78-3700-3800--30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



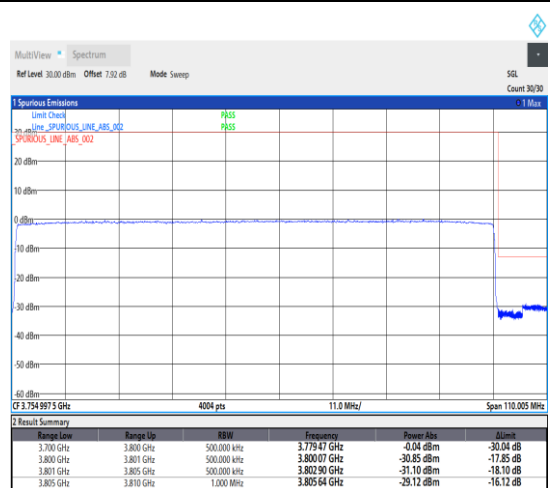
1-N78-3700-3800--30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



1-N78-3700-3800--30-100-H-2-DFT-PI2BPS K-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph



1-N78-3700-3800--30-100-H-3-DFT-PI2BPS K-Outer_Full-270@0-Ant1-1--PASS-see graph

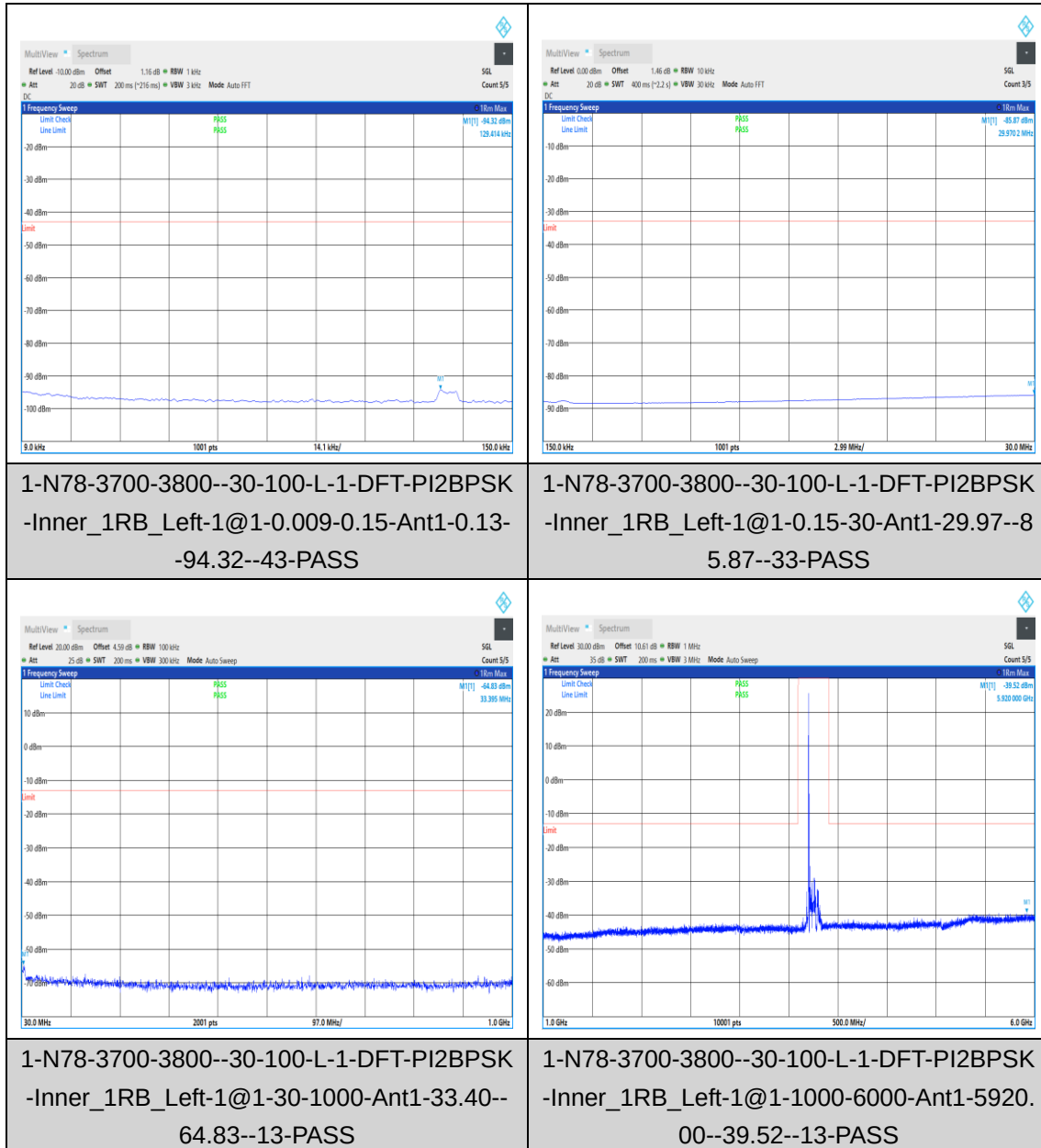


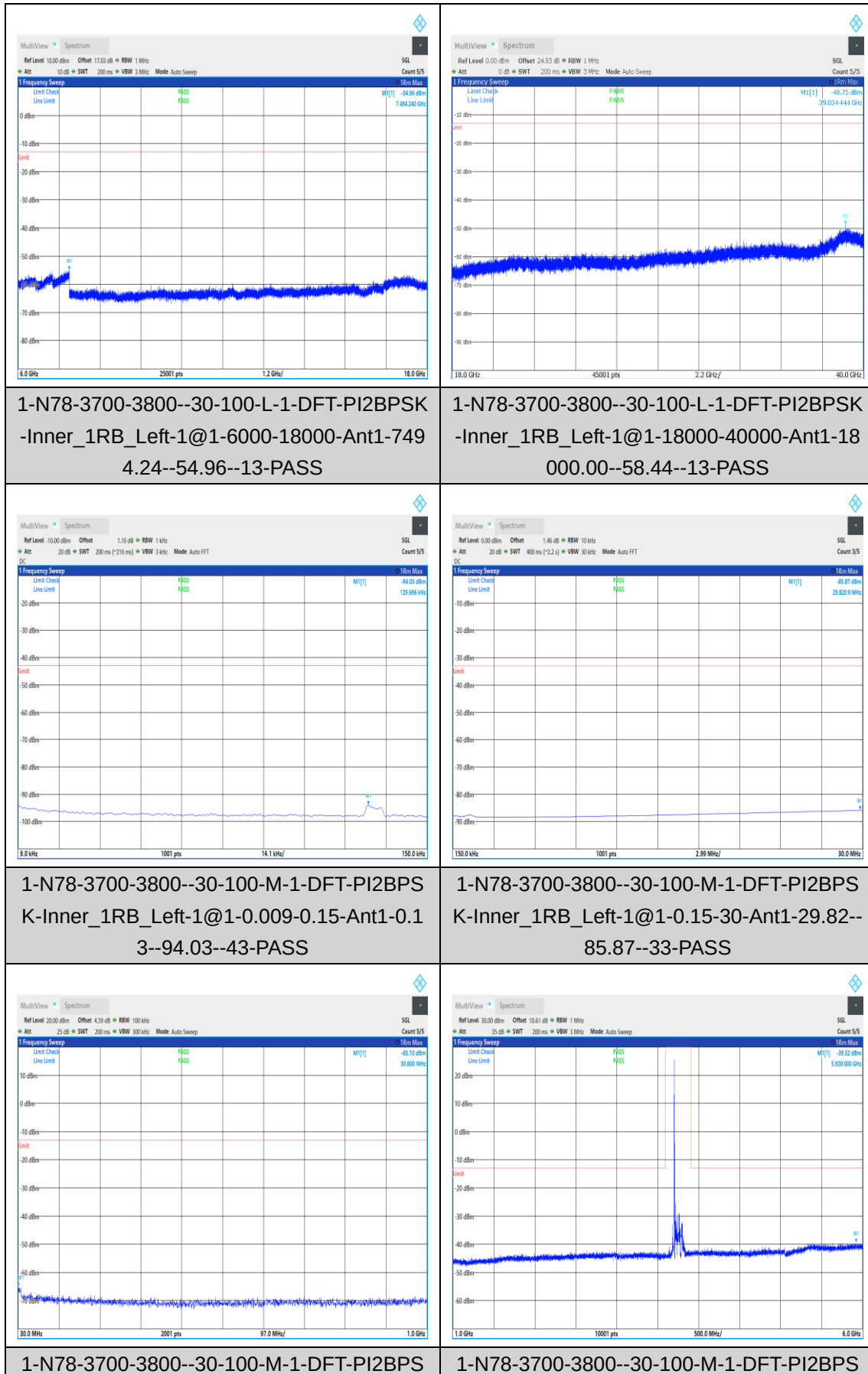
1-N78-3700-3800--30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph

1-N78-3700-3800--30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph

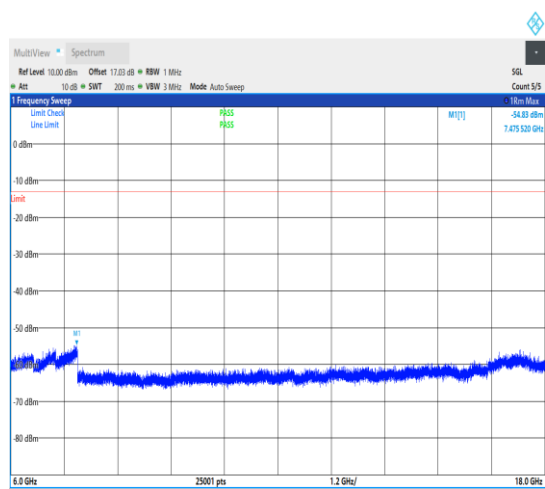
5. Conducted Spurious Emission for SA

Test Graphs

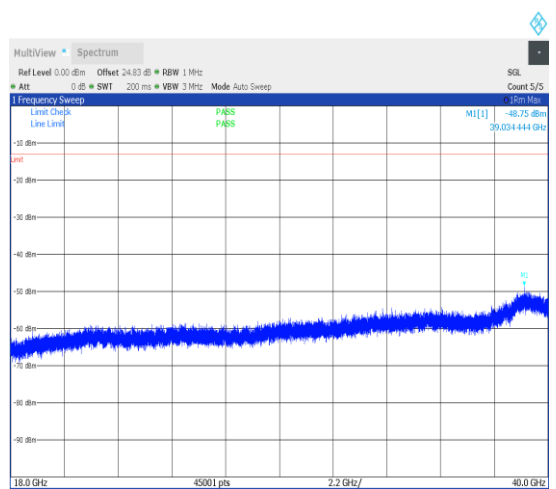




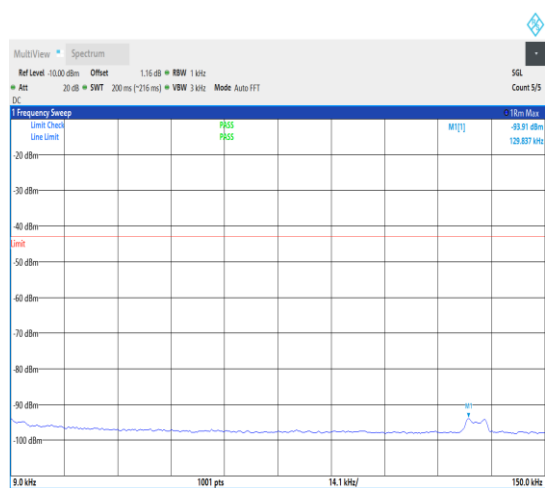
K-Inner_1RB_Left-1@1-30-1000-Ant1-30.00-65.10--13-PASS



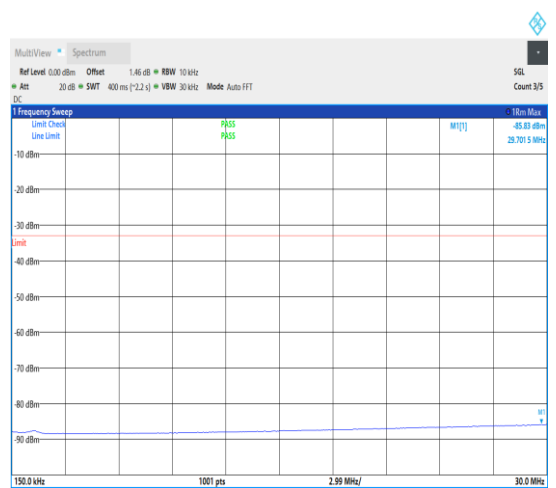
K-Inner_1RB_Left-1@1-1000-6000-Ant1-5946.00--39.12--13-PASS



1-N78-3700-3800--30-100-M-1-DFT-PI2BPS
K-Inner_1RB_Left-1@1-6000-18000-Ant1-7475.52--54.83--13-PASS



1-N78-3700-3800--30-100-M-1-DFT-PI2BPS
K-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00--58.61--13-PASS

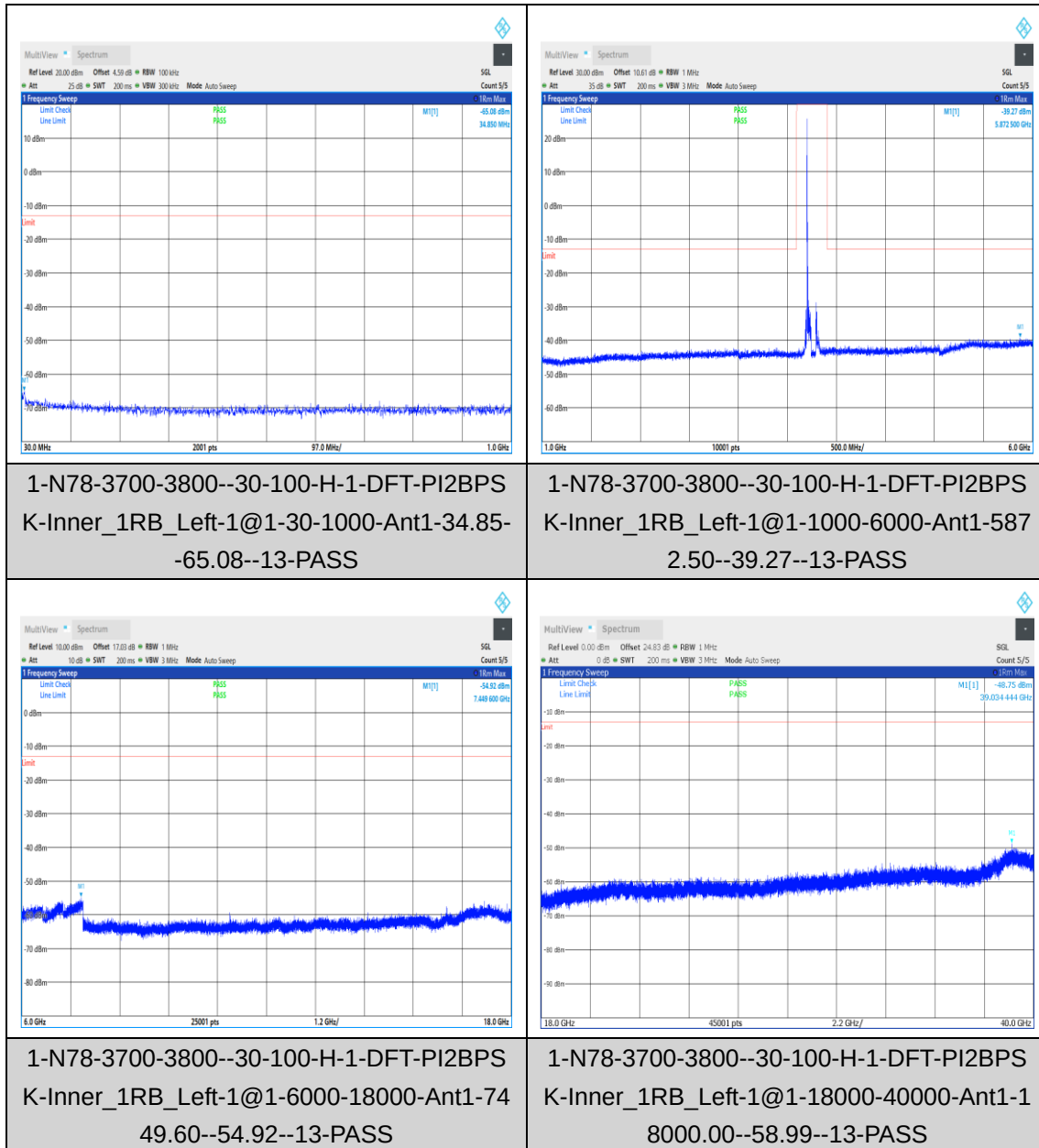


1-N78-3700-3800--30-100-H-1-DFT-PI2BPS
K-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.13--93.91--43-PASS



1-N78-3700-3800--30-100-H-1-DFT-PI2BPS
K-Inner_1RB_Left-1@1-0.15-30-Ant1-29.70--85.83--33-PASS





6.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
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	5.700000	0.001520	PASS
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	2.600000	0.000693	PASS
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	0.500000	0.000133	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	VH	NT	4.300000	0.001147	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	VN	NT	1.400000	0.000373	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	VL	NT	5.500000	0.001467	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	9.100000	0.002427	PASS
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	8.900000	0.002373	PASS
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	5.800000	0.001547	PASS
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	4.100000	0.001093	PASS
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	3.200000	0.000853	PASS
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	6.500000	0.001733	PASS
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	4.100000	0.001093	PASS

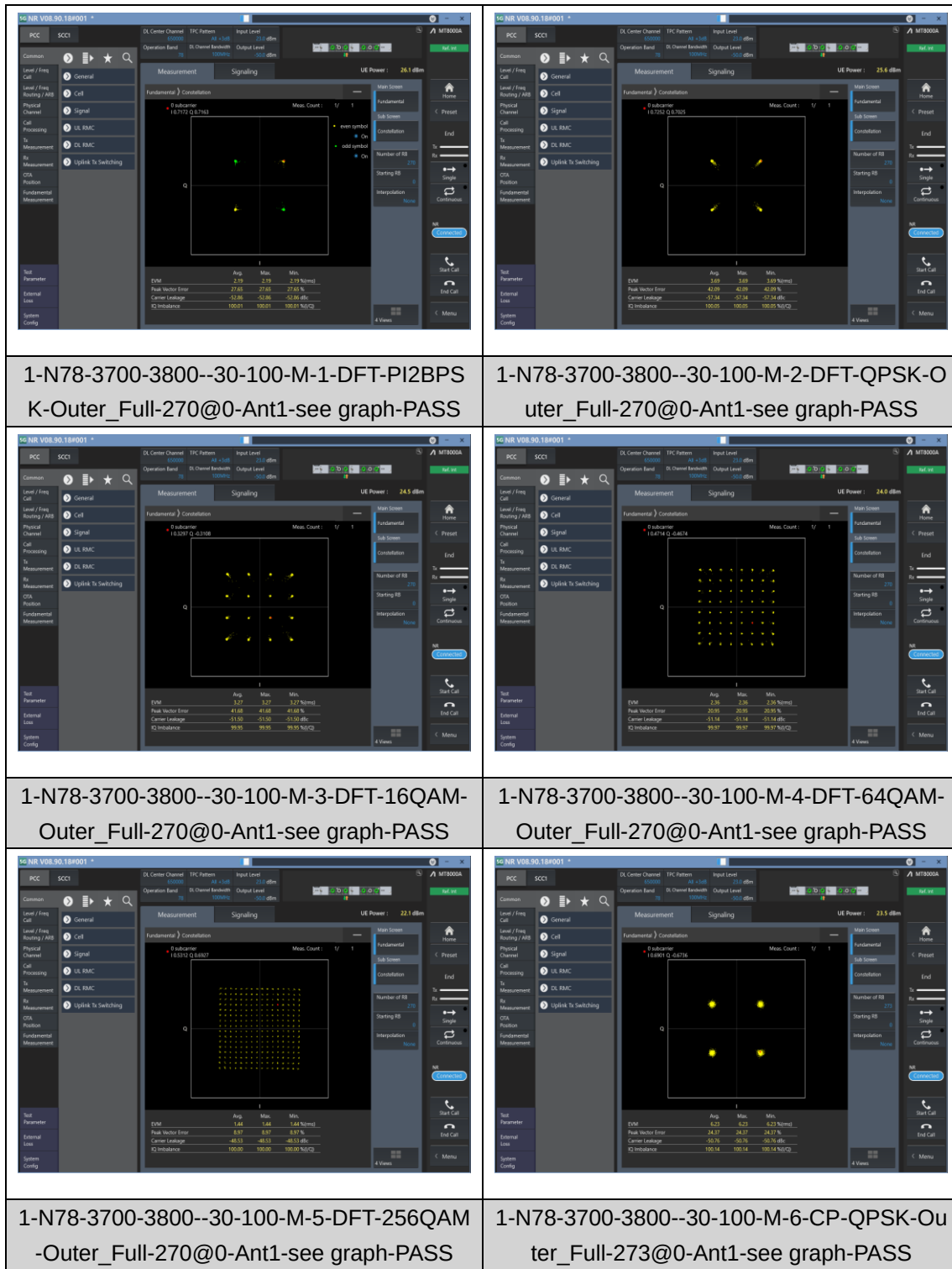
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	4.600000	0.001227	PASS
N78-370 0-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	5.500000	0.001467	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	-30	-0.200000	-0.000053	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	-20	13.200000	0.003520	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	-10	2.000000	0.000533	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	0	7.500000	0.002000	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	10	4.800000	0.001280	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	20	7.700000	0.002053	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	30	3.700000	0.000987	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	40	-0.900000	-0.000240	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	50	13.400000	0.003573	PASS

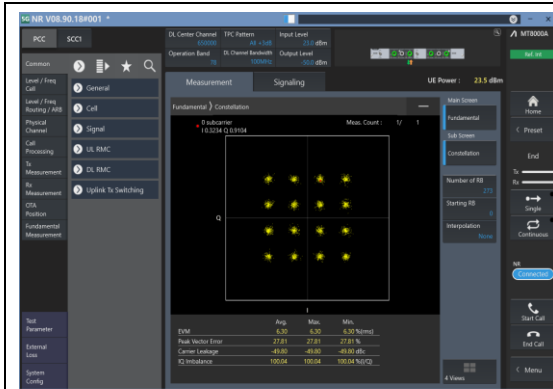
7.Modulation characteristics for SA

Test Result

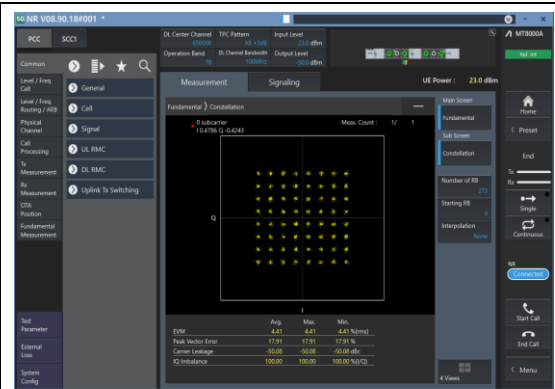
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	100	DFT-16QAM	M	Outer_Full	see graph	PASS
N78-3700-3800	30	100	DFT-64QAM	M	Outer_Full	see graph	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Outer_Full	see graph	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	100	CP-16QAM	M	Outer_Full	see graph	PASS
N78-3700-3800	30	100	CP-64QAM	M	Outer_Full	see graph	PASS
N78-3700-3800	30	100	CP-256QAM	M	Outer_Full	see graph	PASS

Test Graphs

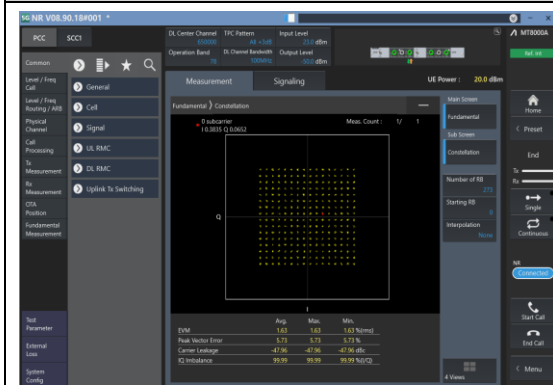




1-N78-3700-3800--30-100-M-7-CP-16QAM-Outer_Full-273@0-Ant1-see graph-PASS



1-N78-3700-3800--30-100-M-8-CP-64QAM-Outer_Full-273@0-Ant1-see graph-PASS



1-N78-3700-3800--30-100-M-9-CP-256QAM-Outer_Full-273@0-Ant1-see graph-PASS