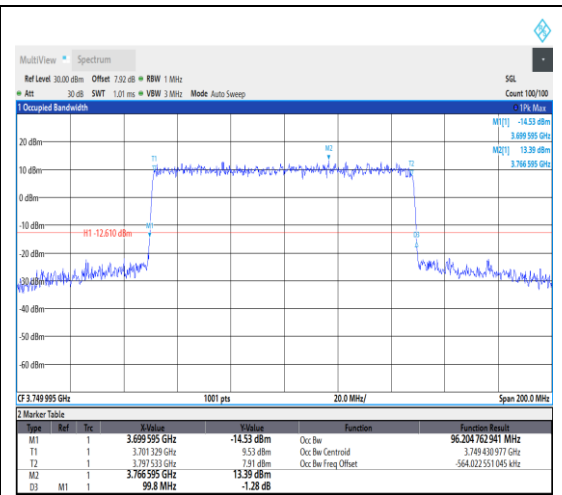
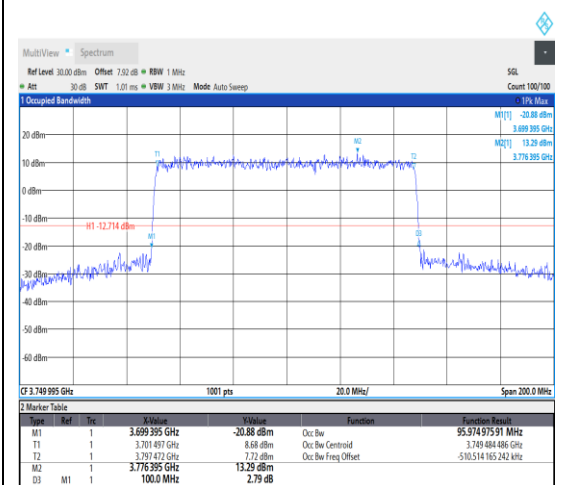


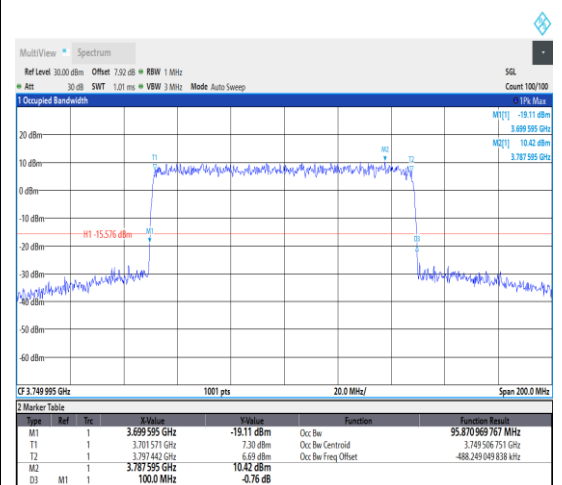
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-PASS



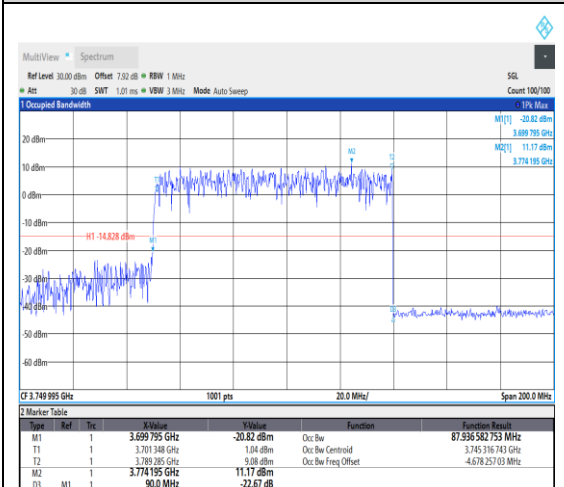
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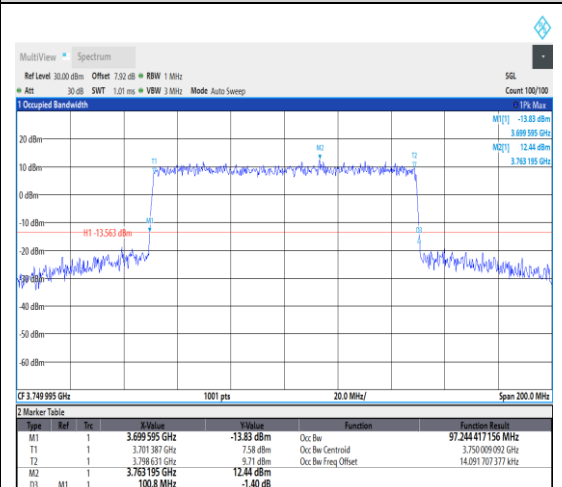
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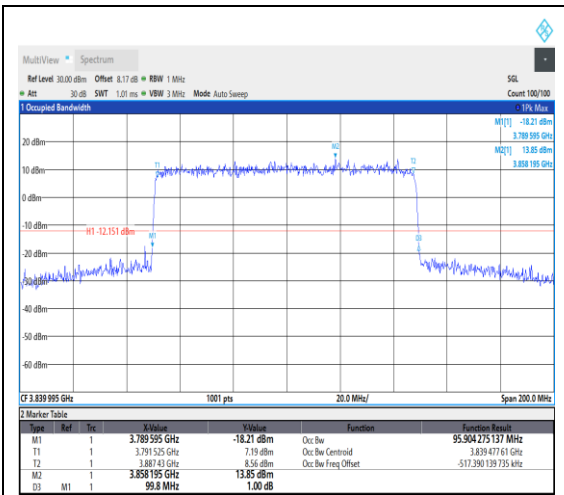


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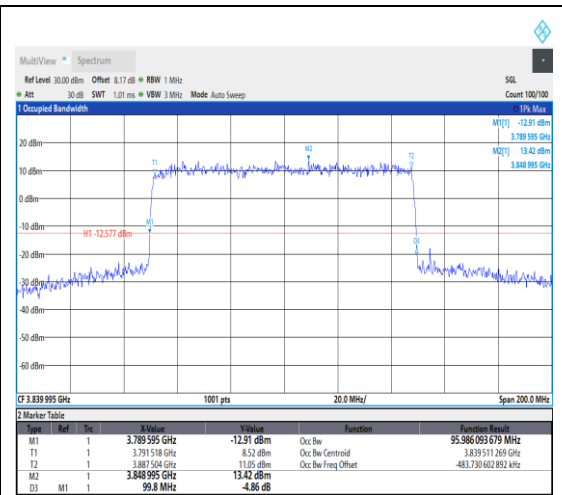


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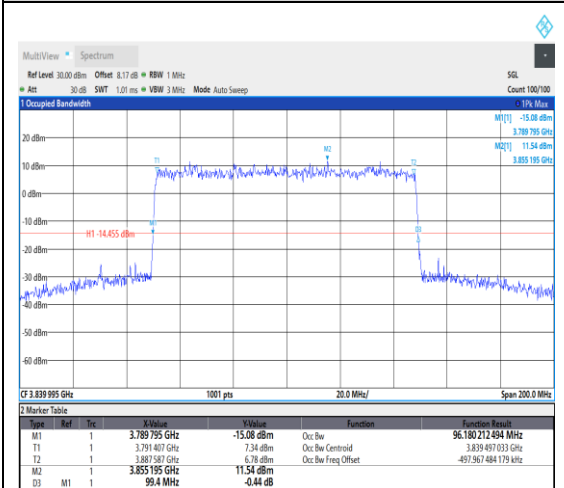
<p>er_Full-273@0-Ant1-87.937-90.000-≤100-PA SS</p>	<p>uter_Full-273@0-Ant1-97.244-100.800-≤100- PASS</p>																																																																																				
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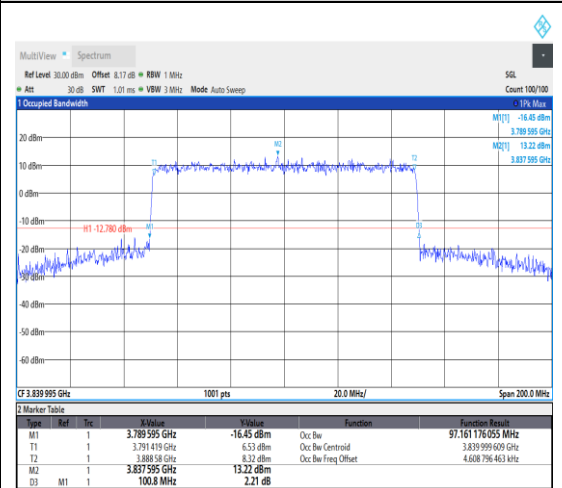
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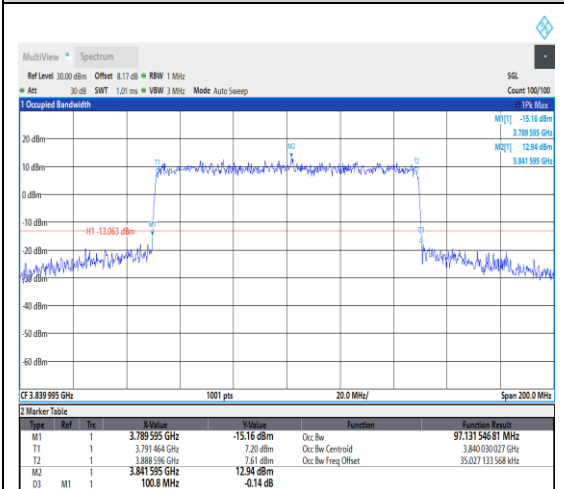
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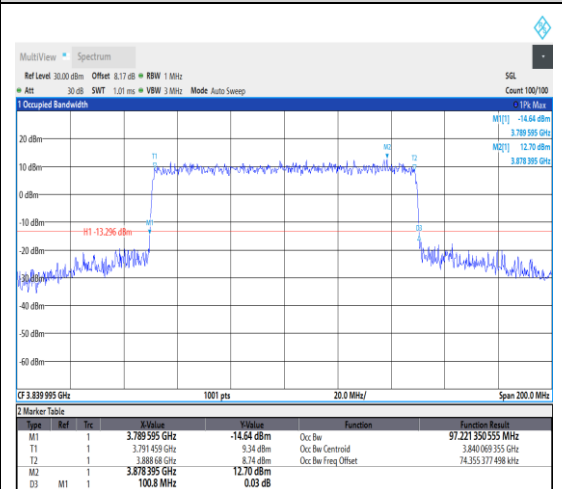
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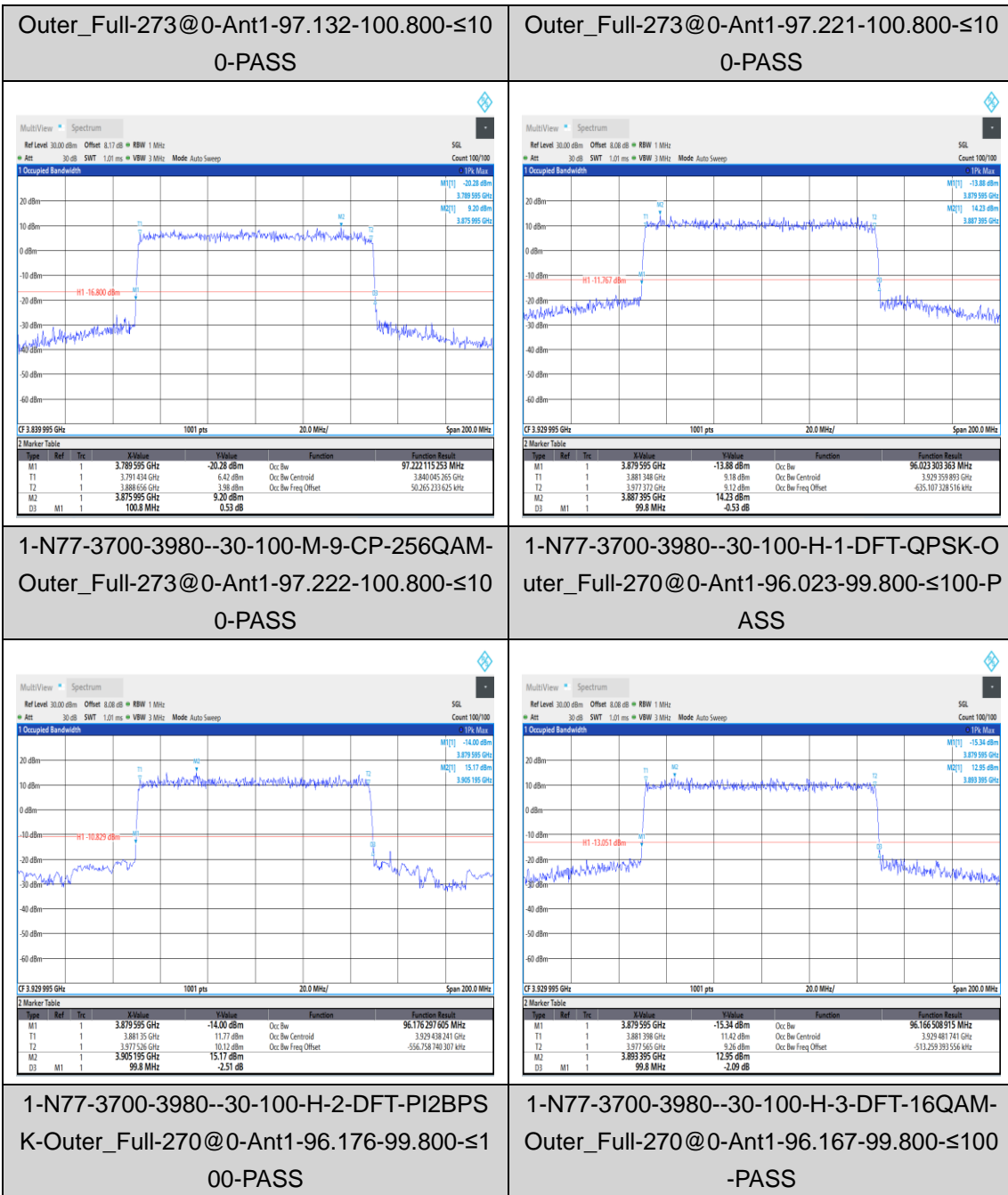
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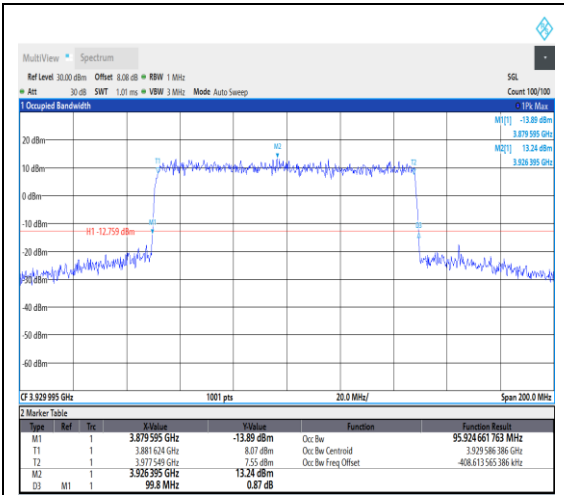


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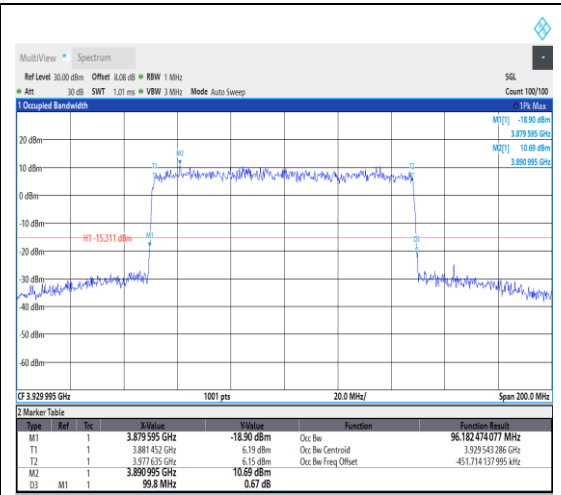


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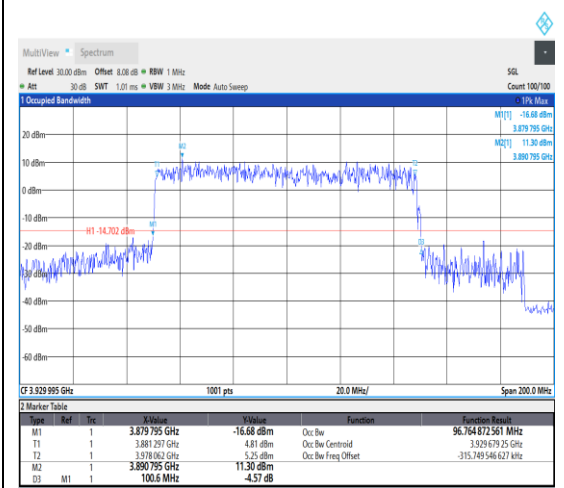




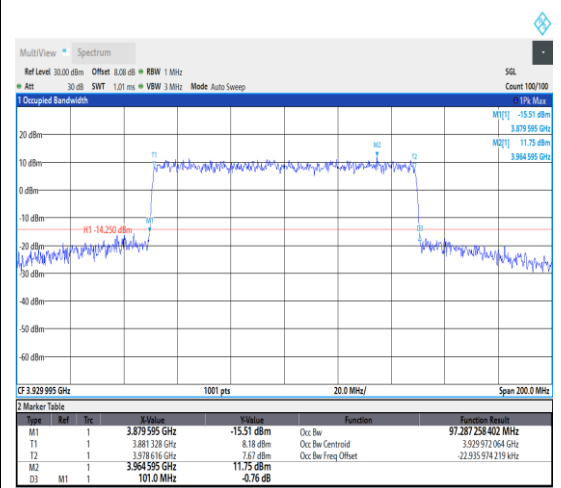
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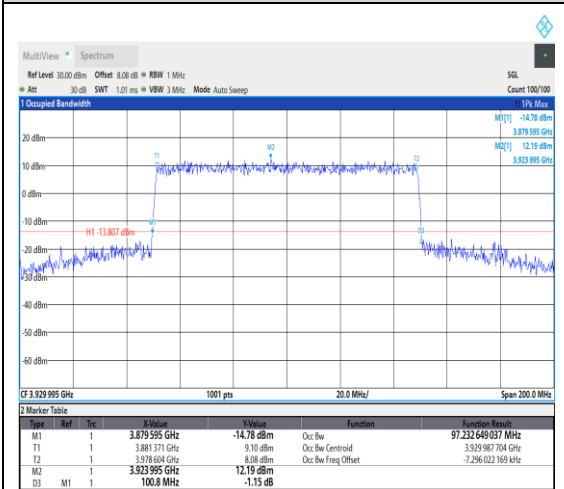
1-N77-3700-3980--30-100-H-5-DFT-256QAM-Outer\_Full-270@0-Ant1-96.182-99.800-≤100-PASS



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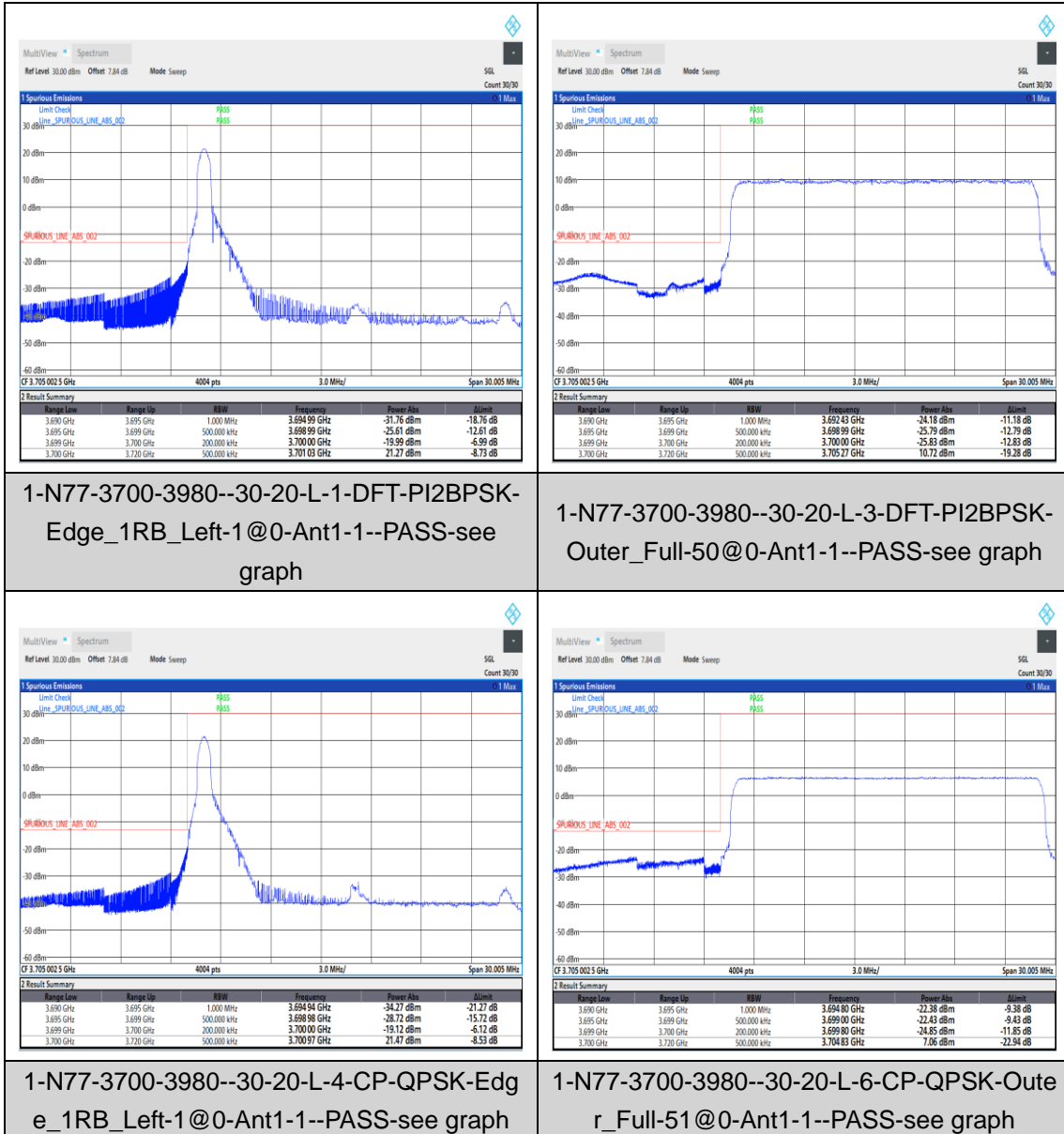
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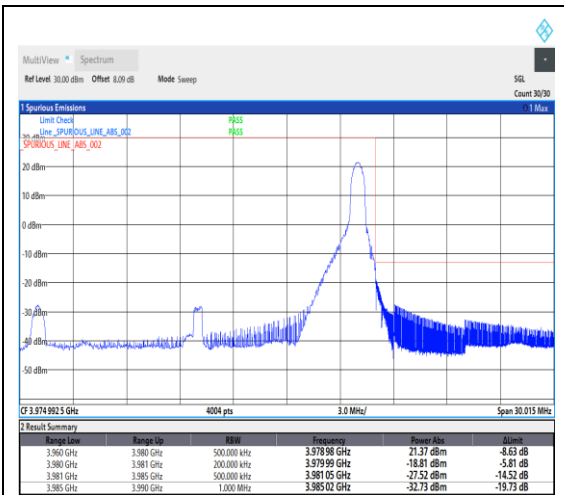


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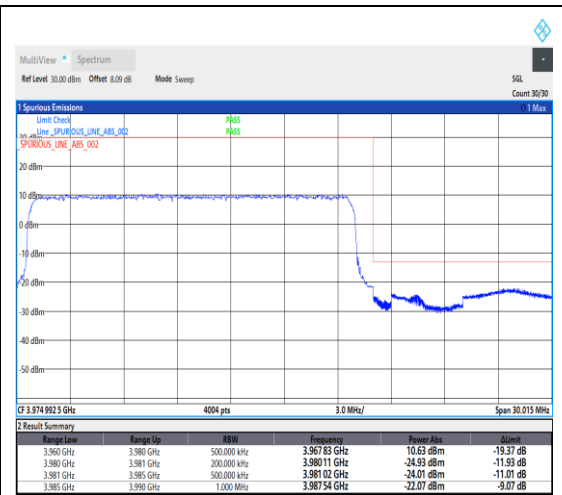
## 4. Band Edge for SA

### Test Graphs

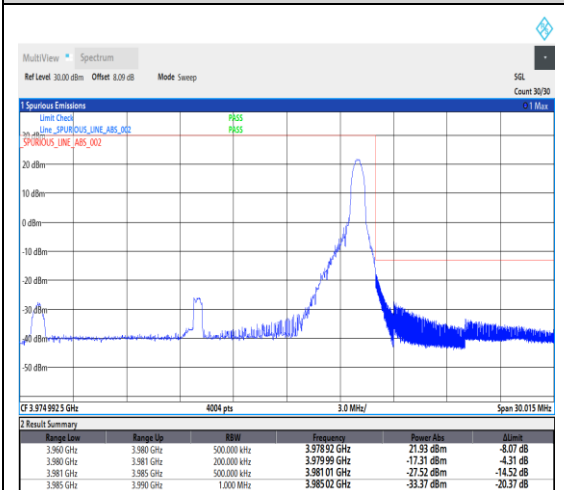




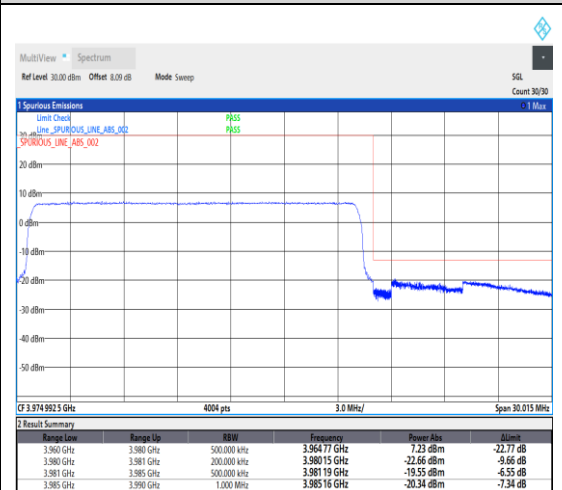
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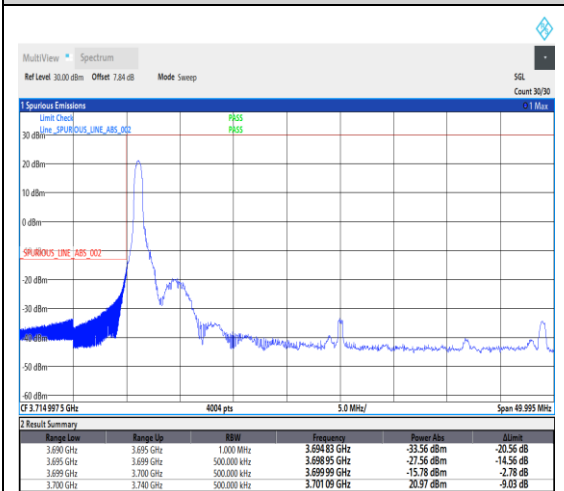
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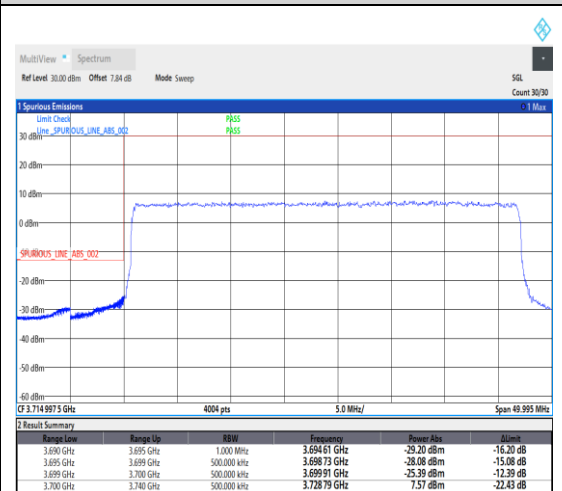
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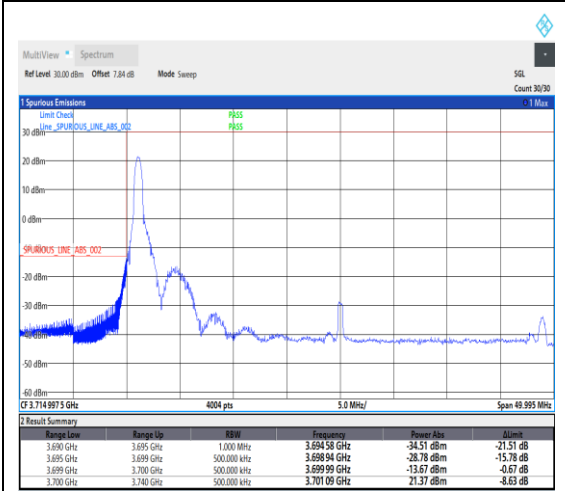
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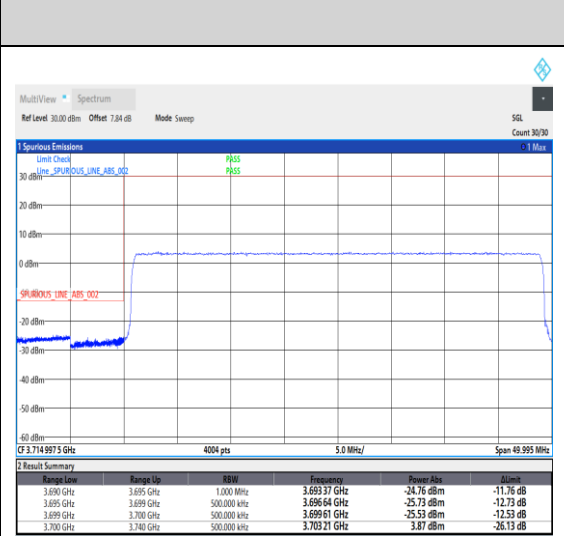
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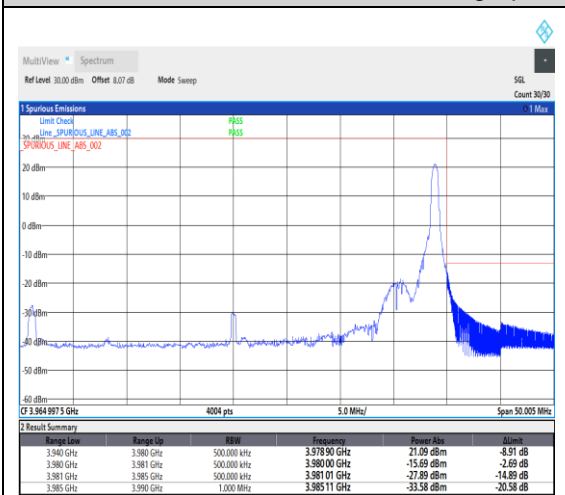
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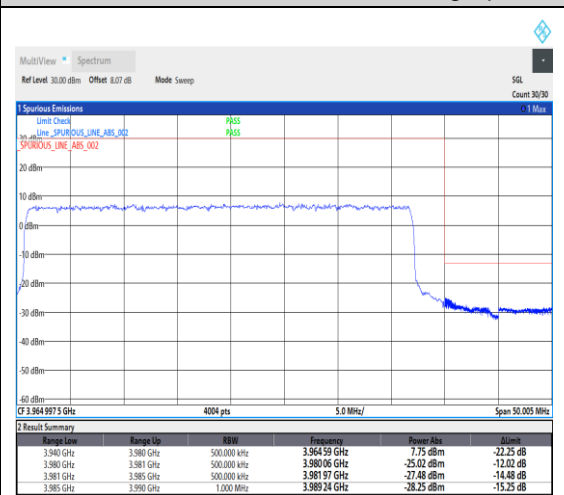
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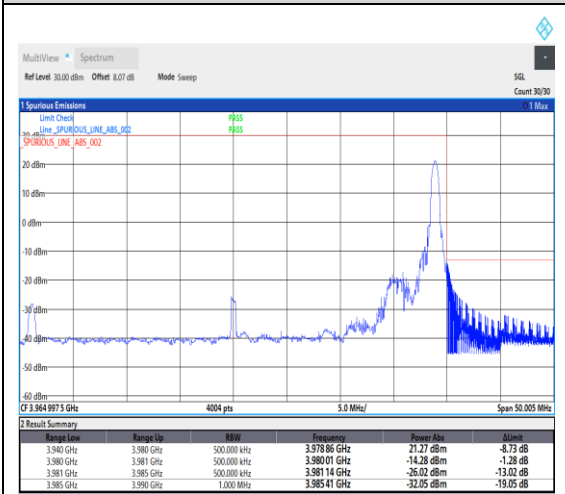
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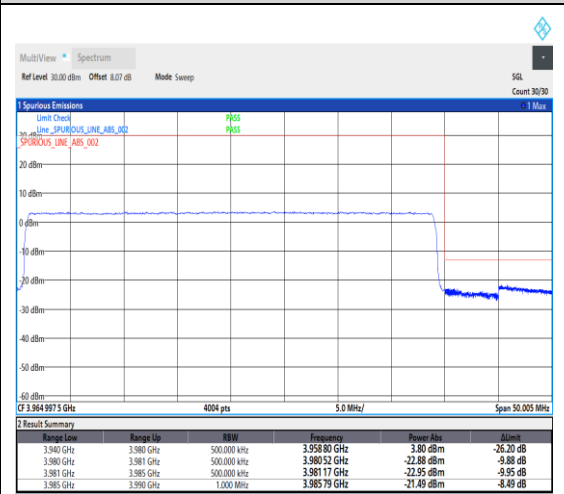
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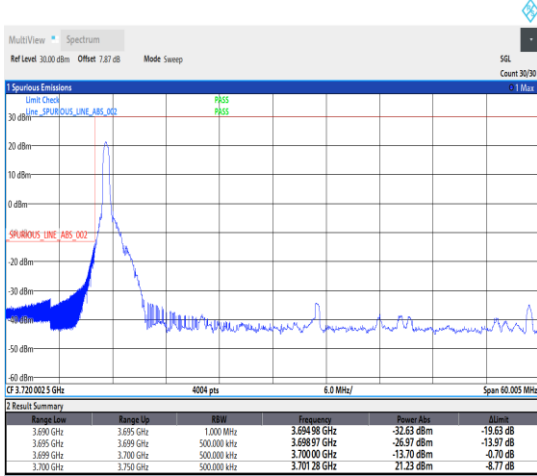
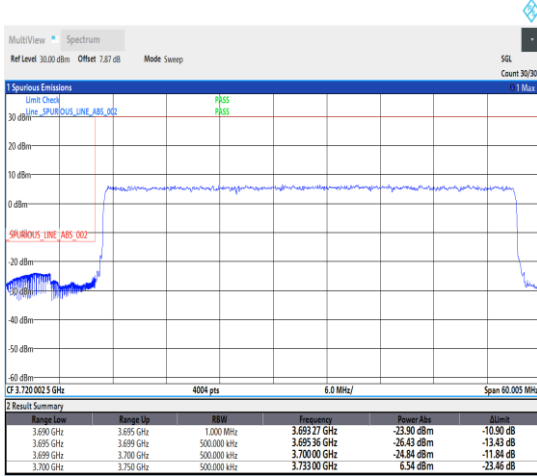
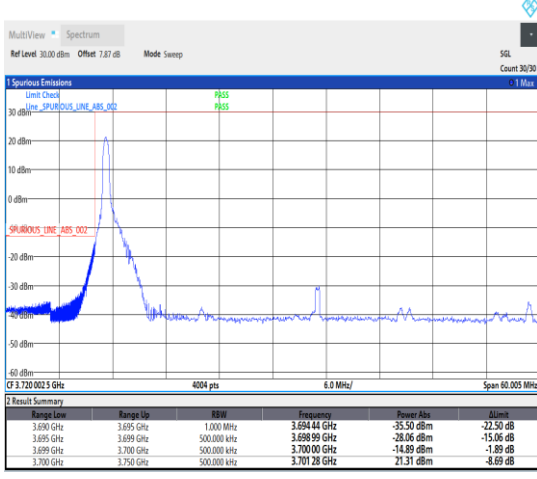
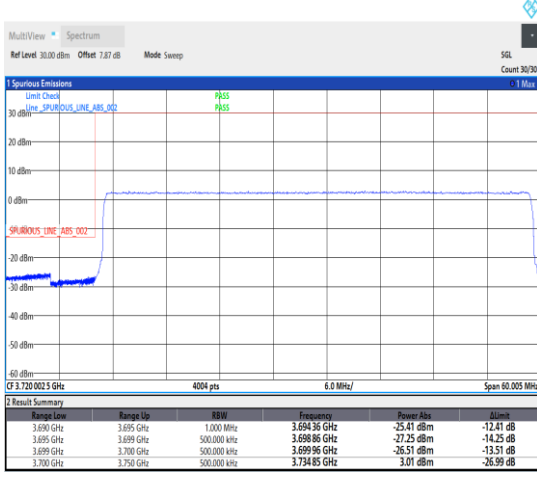


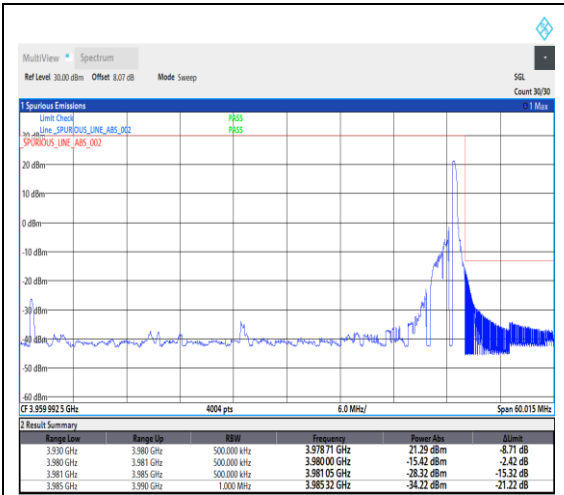
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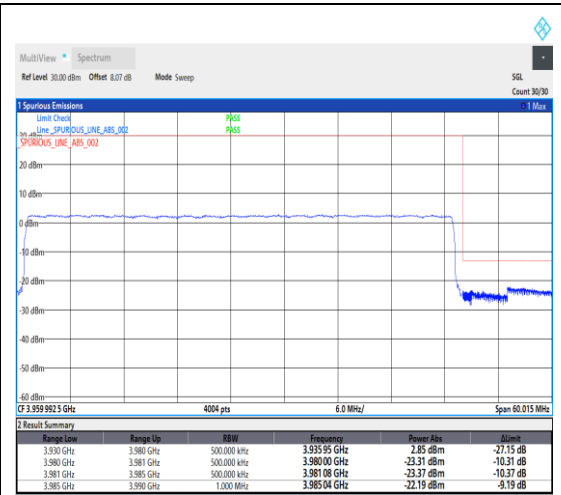
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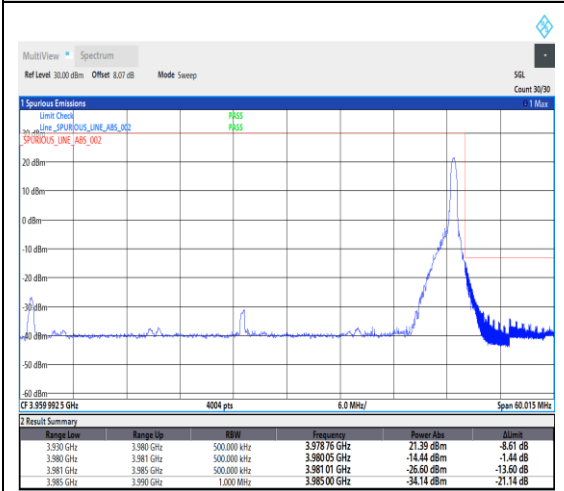
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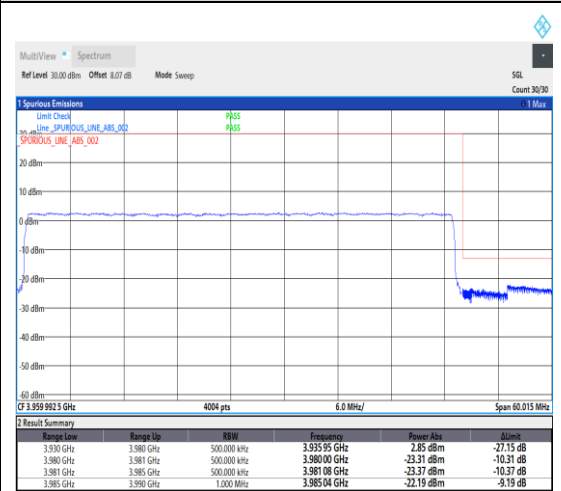
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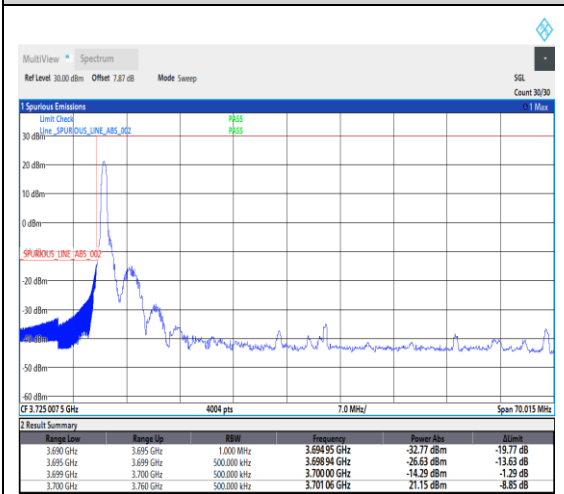
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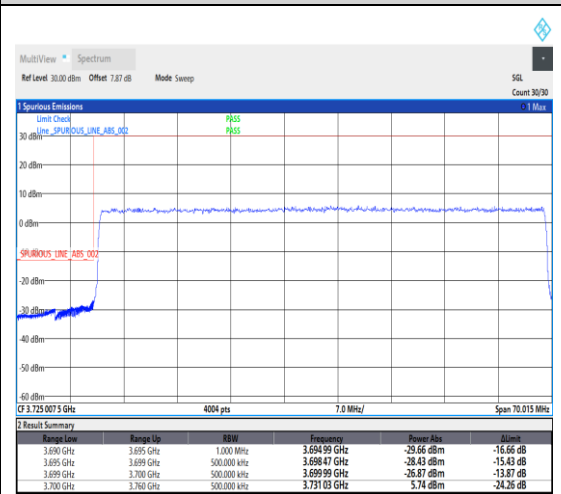
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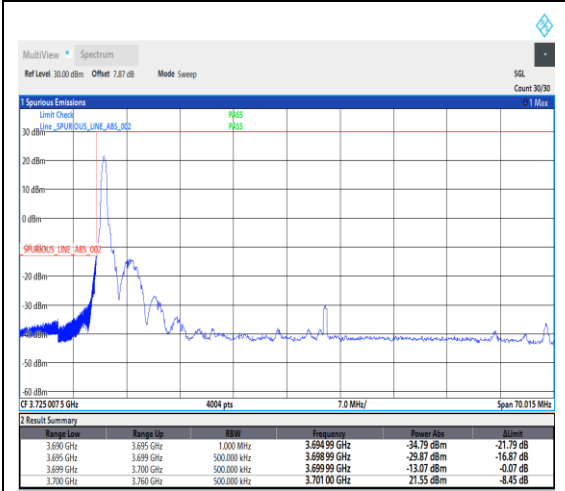


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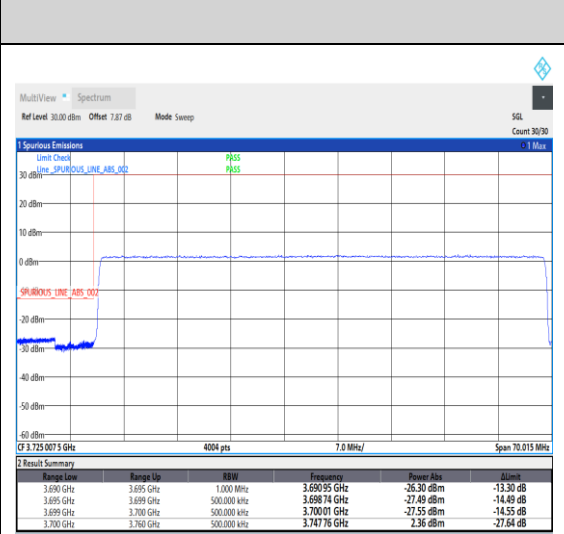


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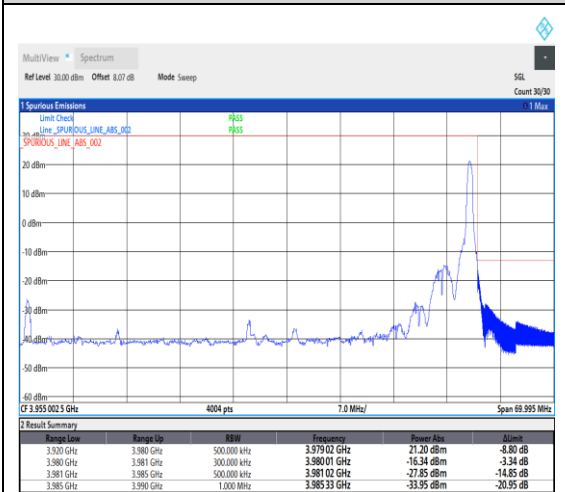
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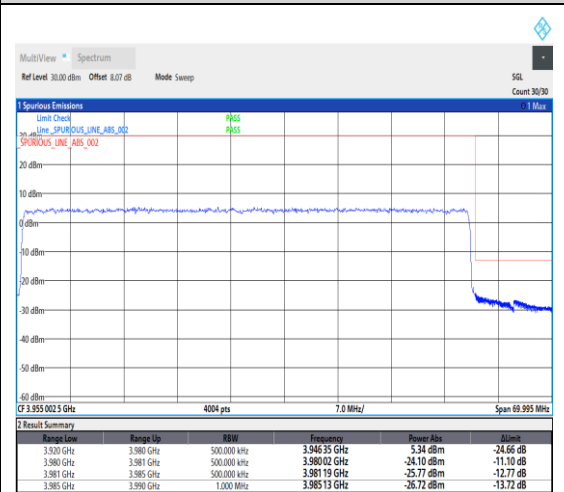
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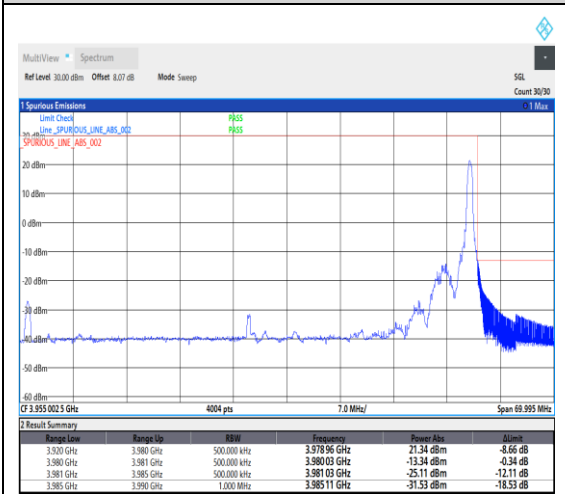
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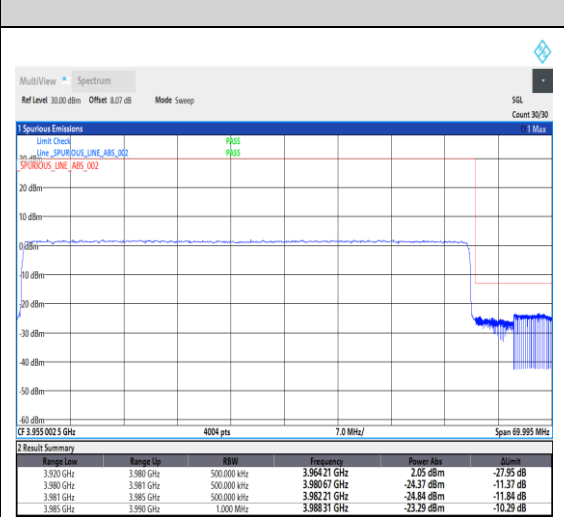
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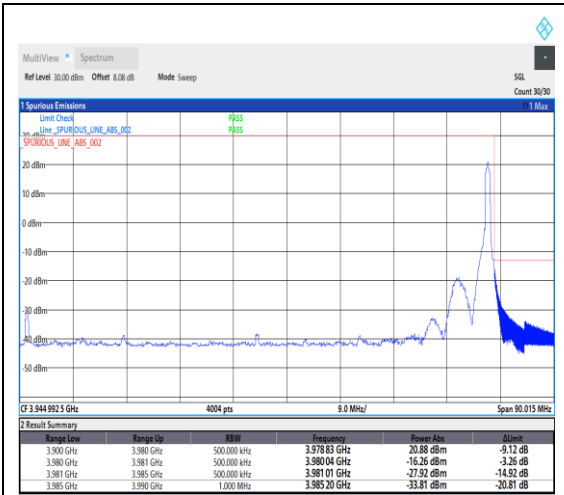
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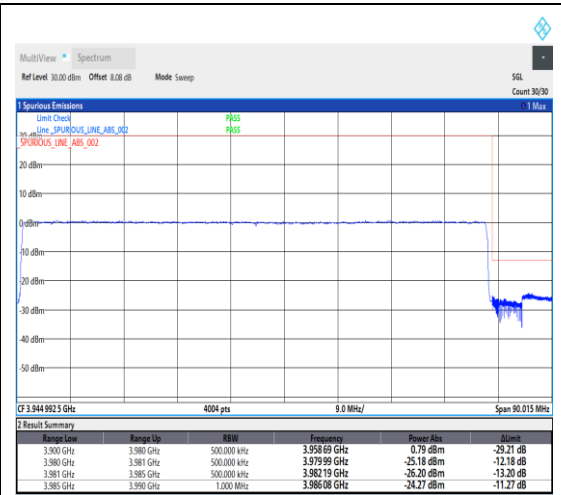
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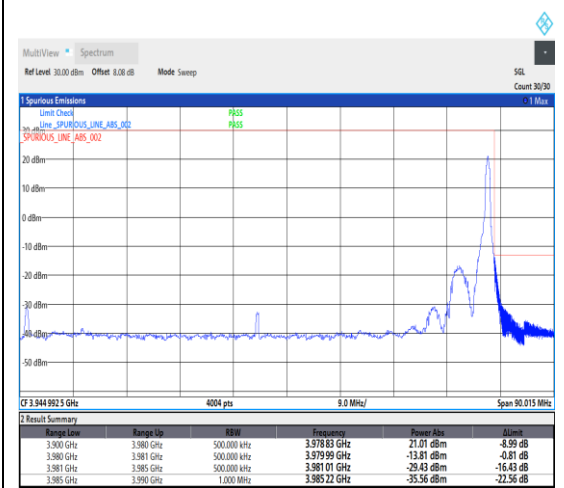
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3.700 GHz	3.780 GHz	500.000 kHz	3.76830 GHz	1.10 dBm	-28.90 dB																																																								
<p>1-N77-3700-3980--30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph</p>	<p>1-N77-3700-3980--30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph</p>																																																												



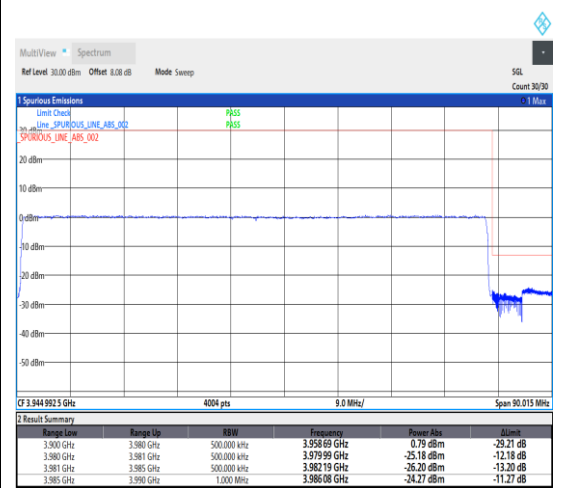
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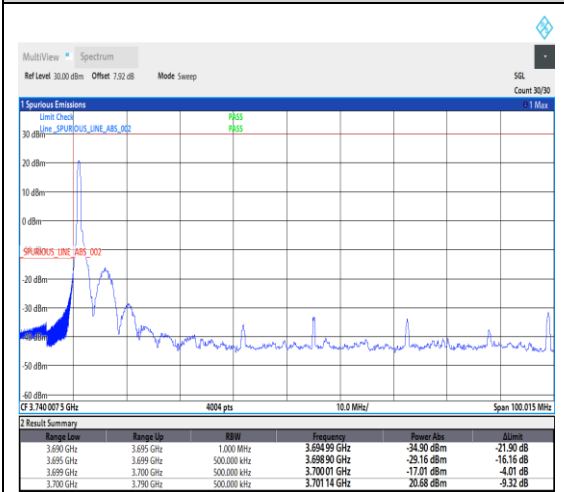
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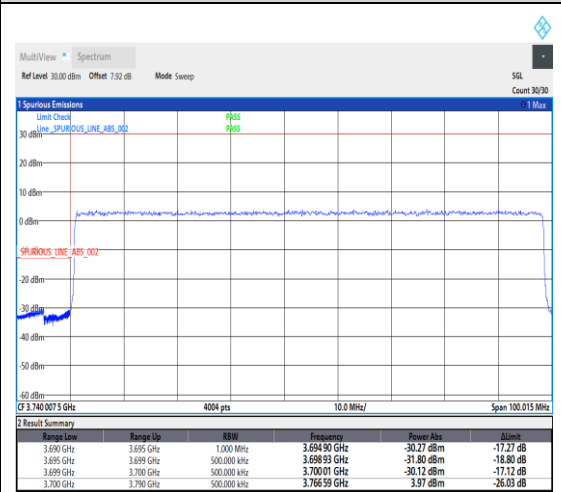
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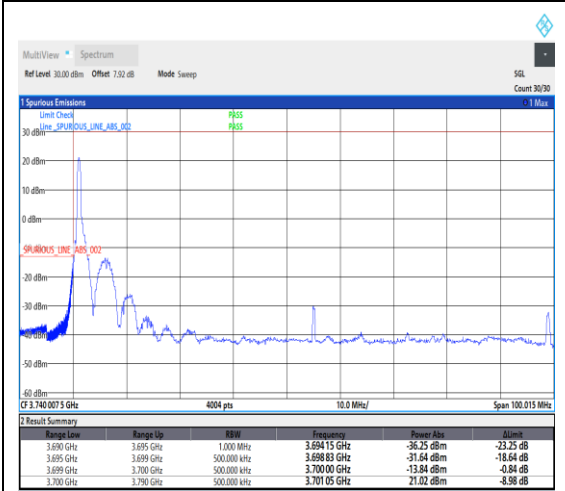


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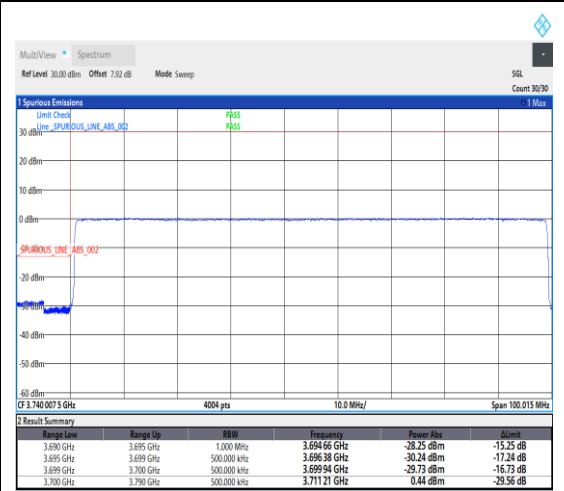


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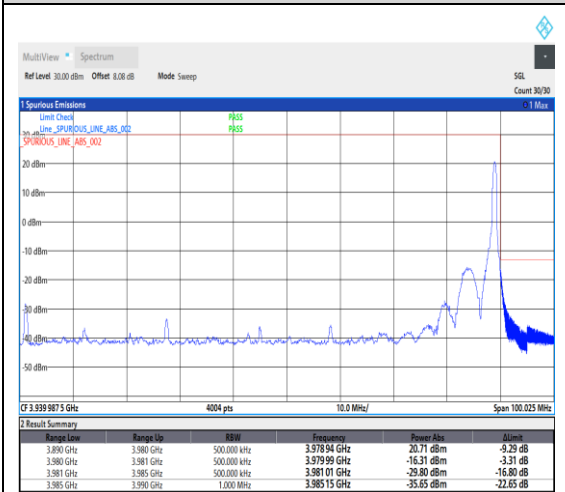
Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



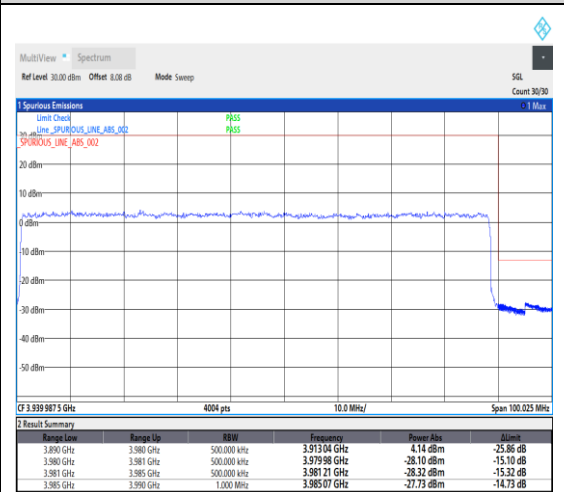
Outer\_Full-243@0-Ant1-1--PASS-see graph



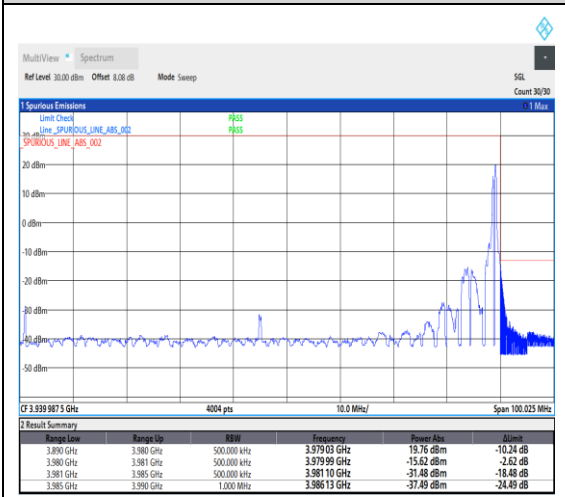
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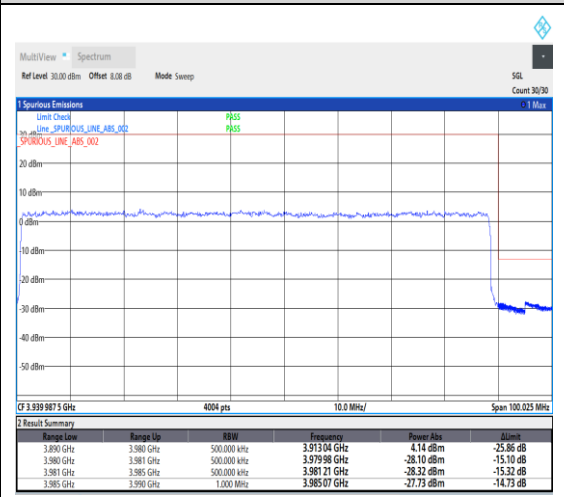
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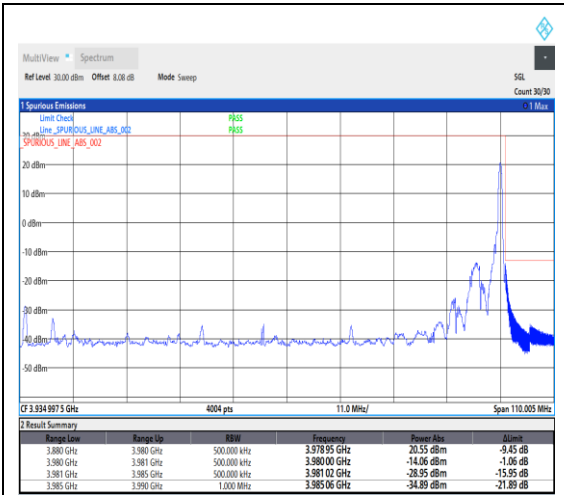


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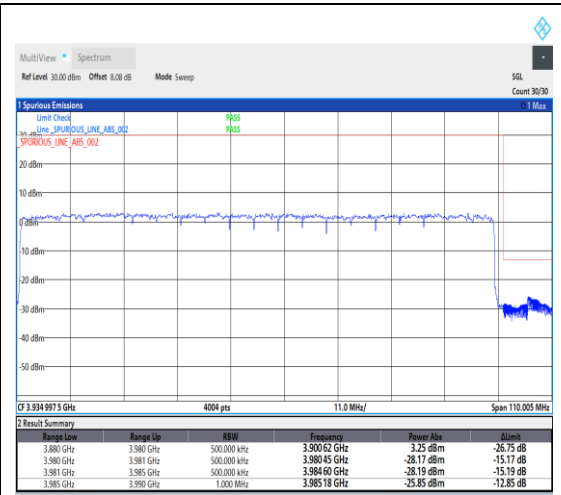


<p>1-N77-3700-3980--30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph</p>	<p>1-N77-3700-3980--30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph</p>																																																												
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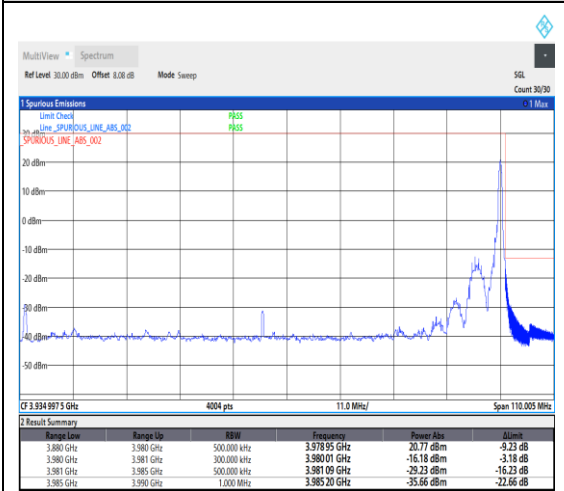




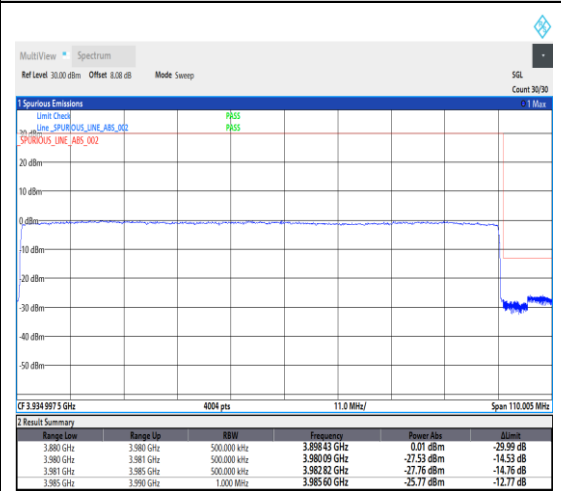
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K-Edge\_1RB\_Right-1@272-Ant1-1--PASS-s  
ee graph



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K-Outer\_Full-270@0-Ant1-1--PASS-see  
graph



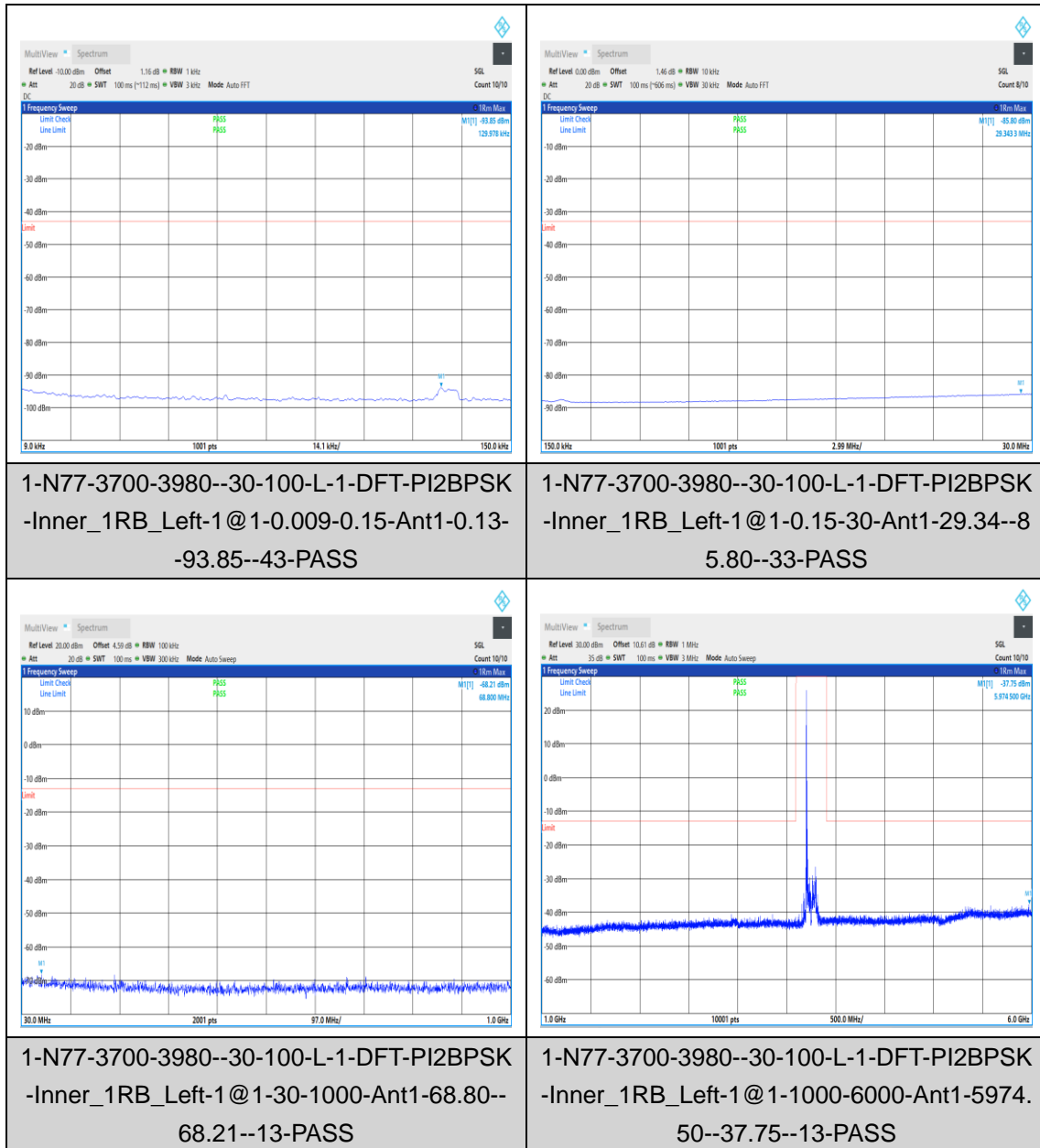
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graph

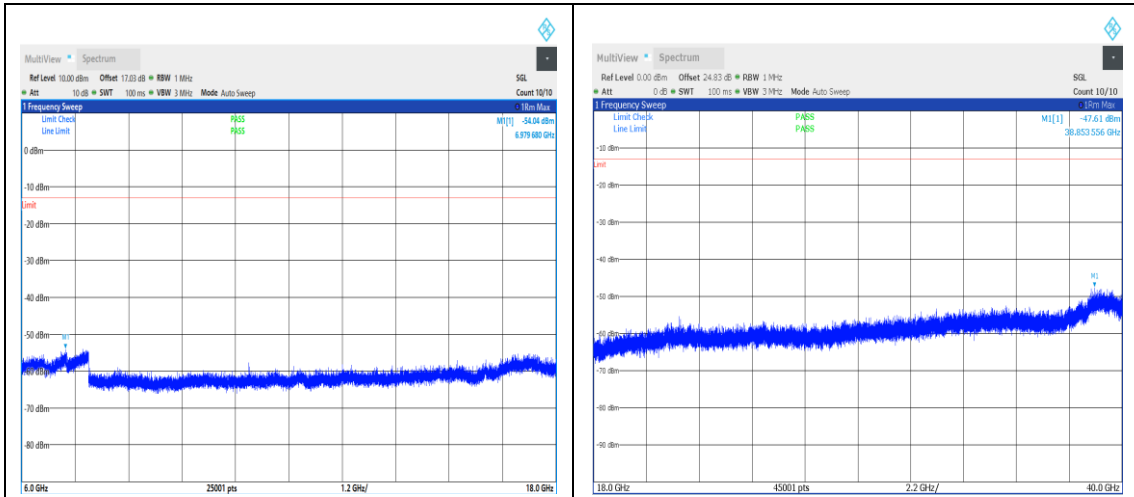


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ter\_Full-273@0-Ant1-1--PASS-see graph

## 5. Conducted Spurious Emission for SA

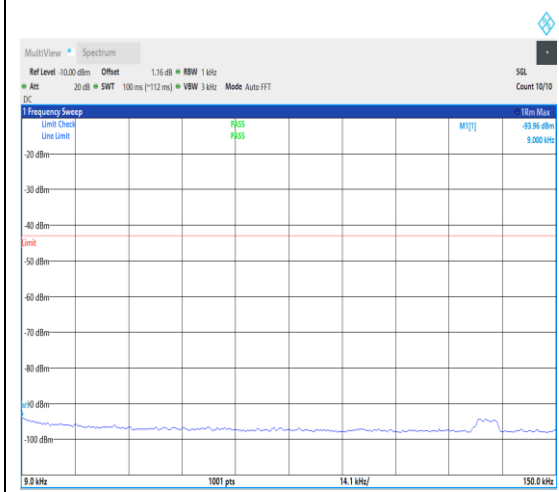
### Test Graphs



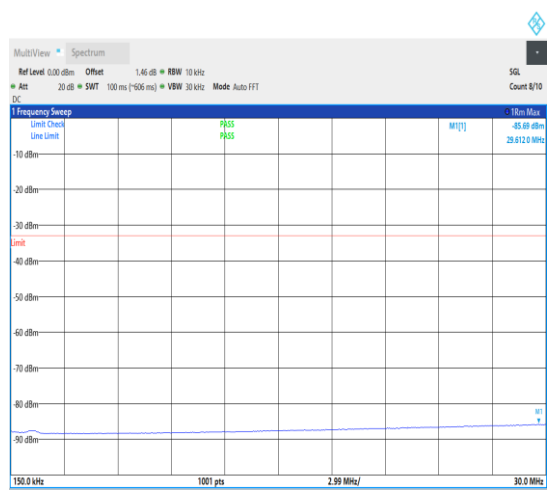


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9.68--54.04--13-PASS

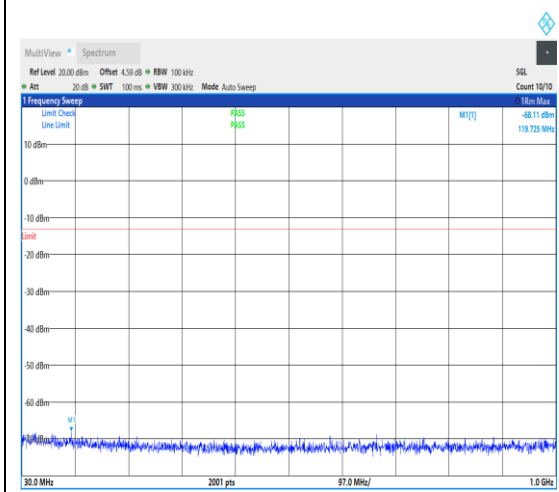
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-Inner\_1RB\_Left-1@1-18000-40000-Ant1-18  
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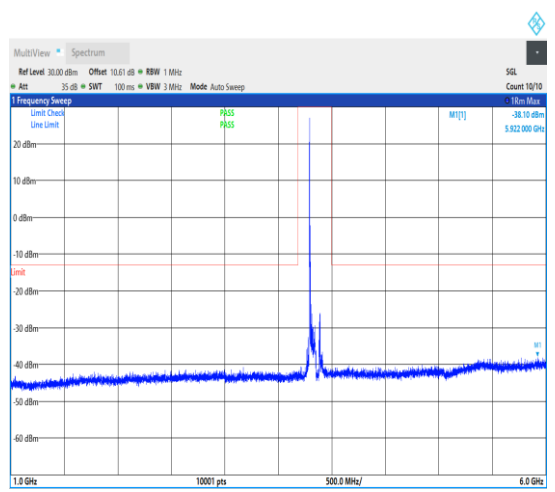
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K-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1-0.0  
1--93.96--43-PASS



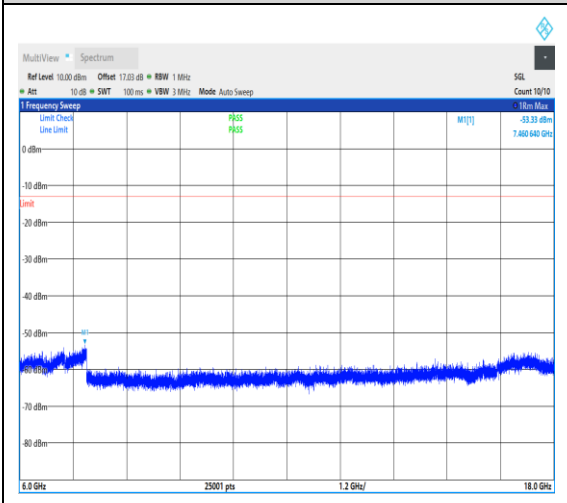
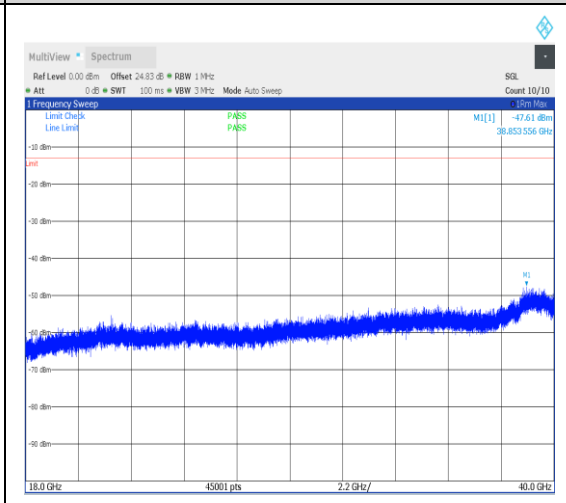
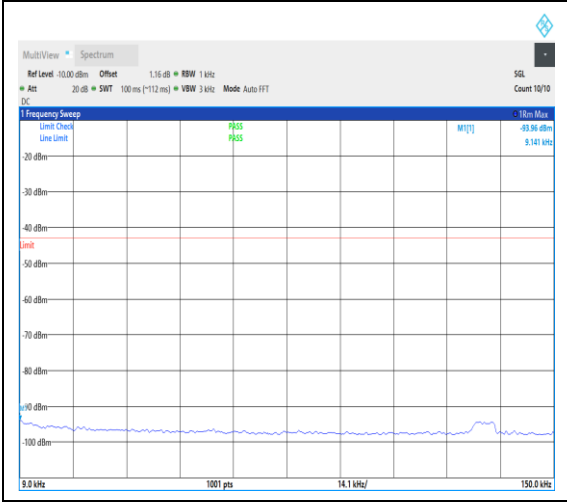
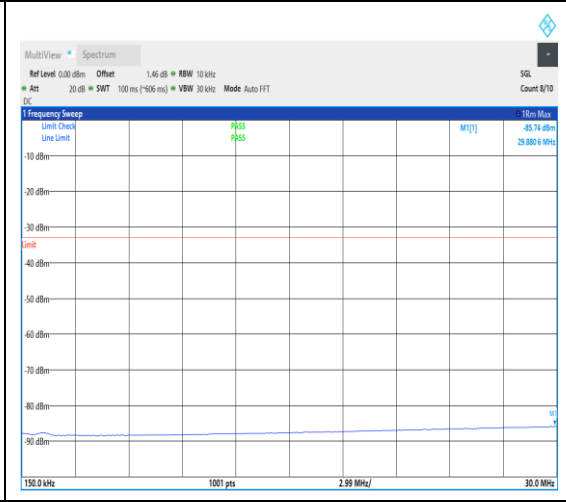
1-N77-3700-3980--30-100-M-1-DFT-PI2BPS  
K-Inner\_1RB\_Left-1@1-0.15-30-Ant1-29.61--  
85.69--33-PASS

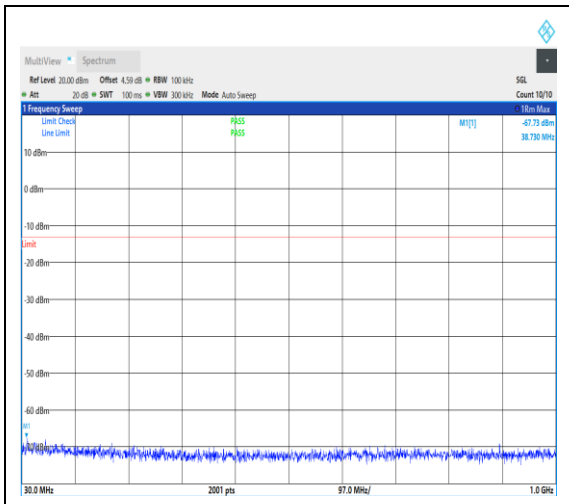
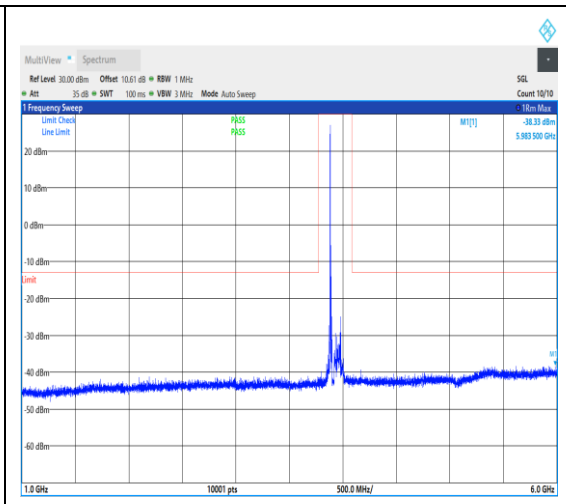
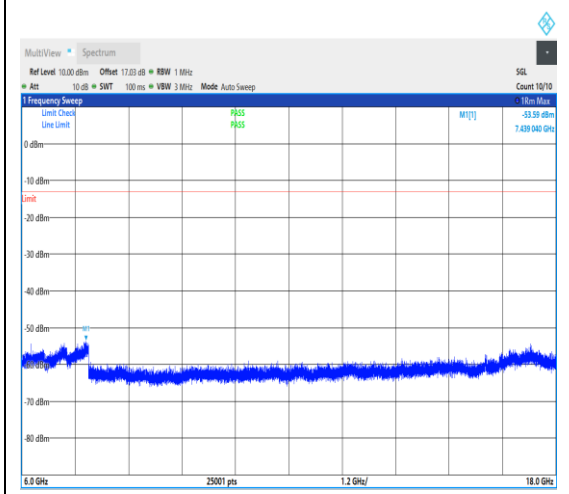
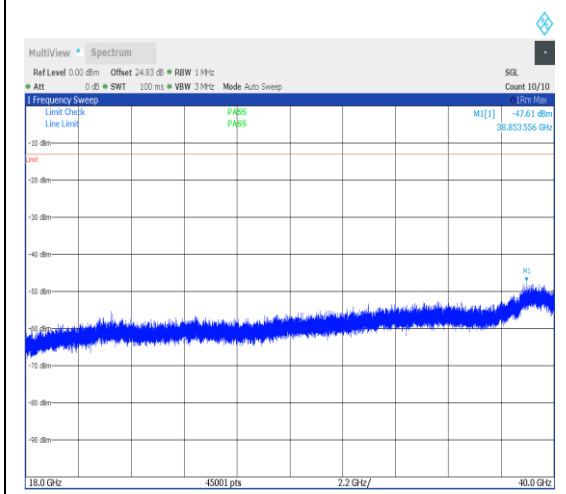


1-N77-3700-3980--30-100-M-1-DFT-PI2BPS



1-N77-3700-3980--30-100-M-1-DFT-PI2BPS

<p>K-Inner_1RB_Left-1@1-30-1000-Ant1-119.73 --68.11--13-PASS</p>	<p>K-Inner_1RB_Left-1@1-1000-6000-Ant1-592 2.00--38.10--13-PASS</p>
	
<p>1-N77-3700-3980--30-100-M-1-DFT-PI2BPS K-Inner_1RB_Left-1@1-6000-18000-Ant1-74 60.64--53.33--13-PASS</p>	<p>1-N77-3700-3980--30-100-M-1-DFT-PI2BPS K-Inner_1RB_Left-1@1-18000-40000-Ant1-1 8000.00--56.87--13-PASS</p>
	
<p>1-N77-3700-3980--30-100-H-1-DFT-PI2BPS K-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.0 1--93.96--43-PASS</p>	<p>1-N77-3700-3980--30-100-H-1-DFT-PI2BPS K-Inner_1RB_Left-1@1-0.15-30-Ant1-29.88-- 85.74--33-PASS</p>

	
<p>1-N77-3700-3980--30-100-H-1-DFT-PI2BPS K-Inner_1RB_Left-1@1-30-1000-Ant1-38.73- -67.73--13-PASS</p>	<p>1-N77-3700-3980--30-100-H-1-DFT-PI2BPS K-Inner_1RB_Left-1@1-1000-6000-Ant1-598 3.50--38.33--13-PASS</p>
	
<p>1-N77-3700-3980--30-100-H-1-DFT-PI2BPS K-Inner_1RB_Left-1@1-6000-18000-Ant1-74 39.04--53.59--13-PASS</p>	<p>1-N77-3700-3980--30-100-H-1-DFT-PI2BPS K-Inner_1RB_Left-1@1-18000-40000-Ant1-1 8000.00--57.08--13-PASS</p>

## 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
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	9.100000	0.002370	PASS
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	25.200000	0.006563	PASS
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	12.900000	0.003359	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	VH	NT	8.900000	0.002318	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	VN	NT	14.600000	0.003802	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	VL	NT	13.900000	0.003620	PASS

#### Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	9.200000	0.002396	PASS
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	7.400000	0.001927	PASS
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	13.300000	0.003464	PASS
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	14.600000	0.003802	PASS
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	15.200000	0.003958	PASS
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	7.500000	0.001953	PASS
N77-370	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	11.700000	0.003047	PASS

0-3980										
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	16.000000	0.004167	PASS
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	12.800000	0.003333	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	-30	13.900000	0.003620	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	-20	6.800000	0.001771	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	-10	9.200000	0.002396	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	0	5.300000	0.001380	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	10	3.500000	0.000911	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	20	15.800000	0.004115	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	30	12.200000	0.003177	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	40	6.200000	0.001615	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	50	13.700000	0.003568	PASS

## 7.Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	see graph	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	see graph	PASS