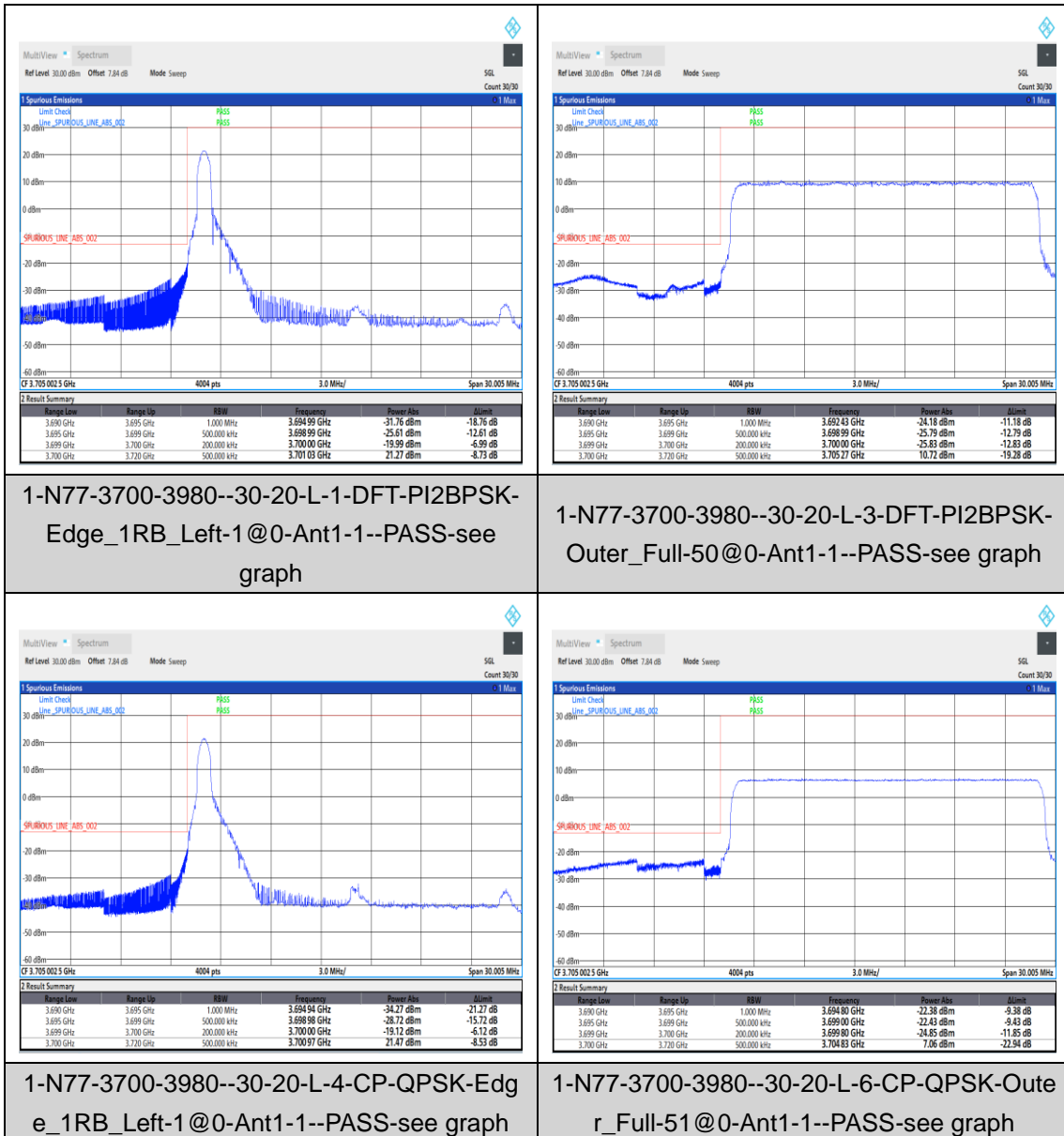
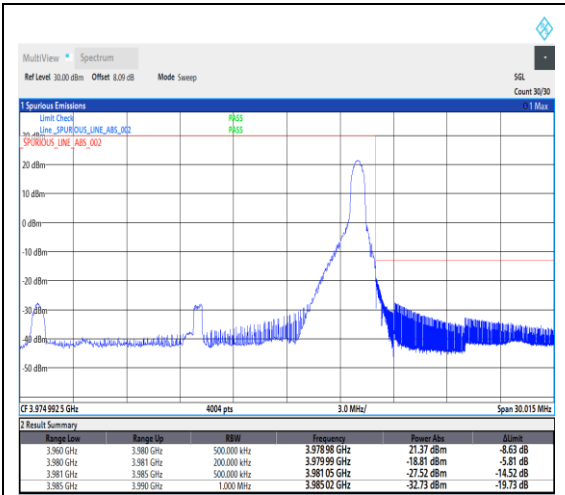


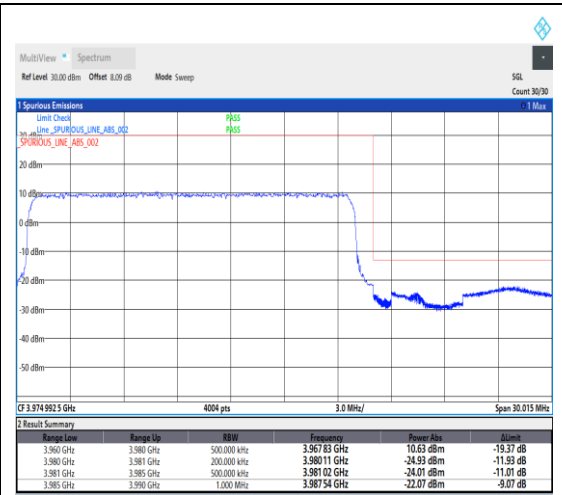
4. Band Edge for SA

Test Graphs

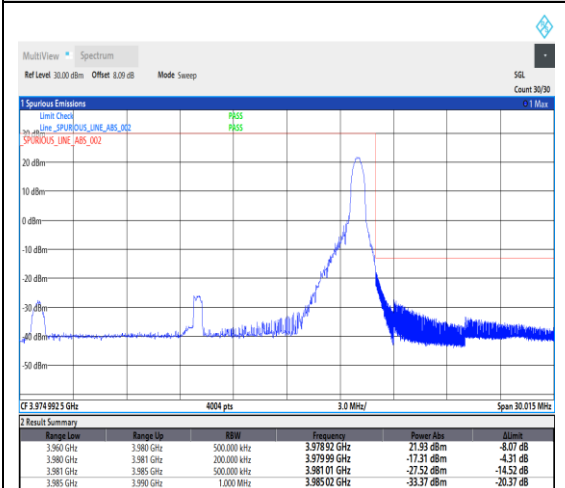




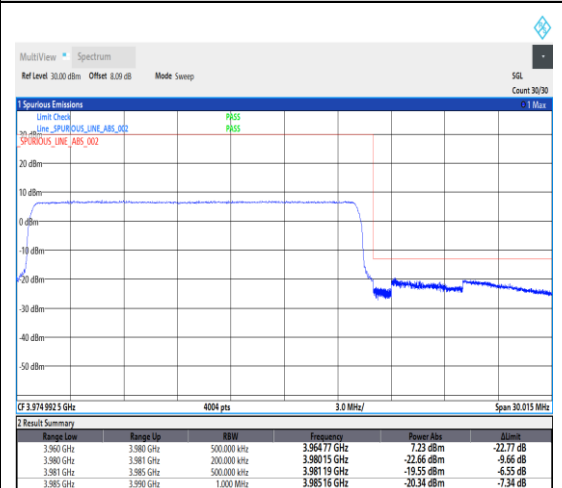
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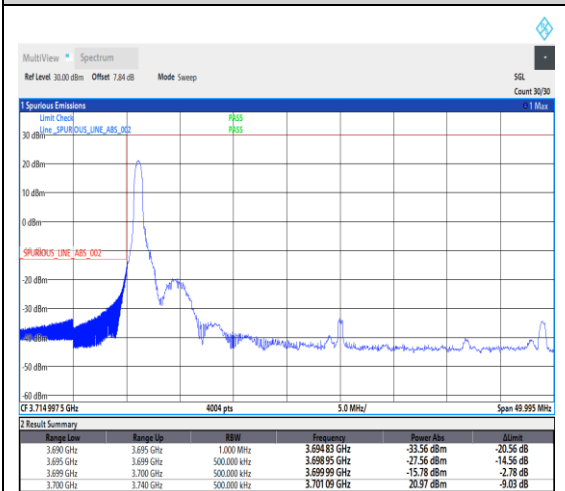
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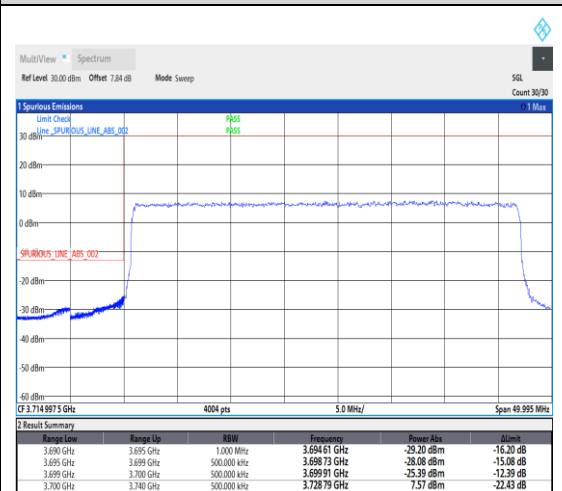
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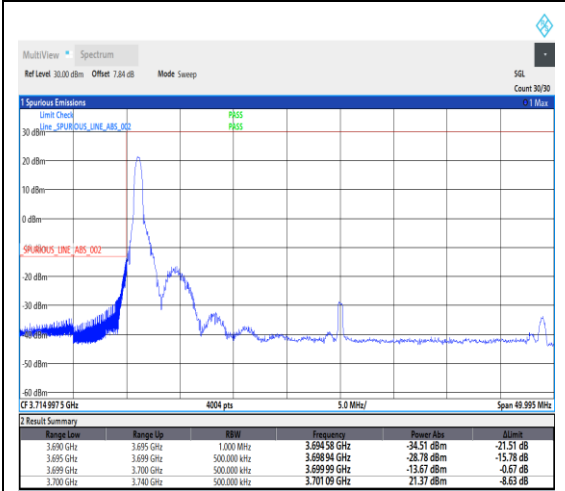


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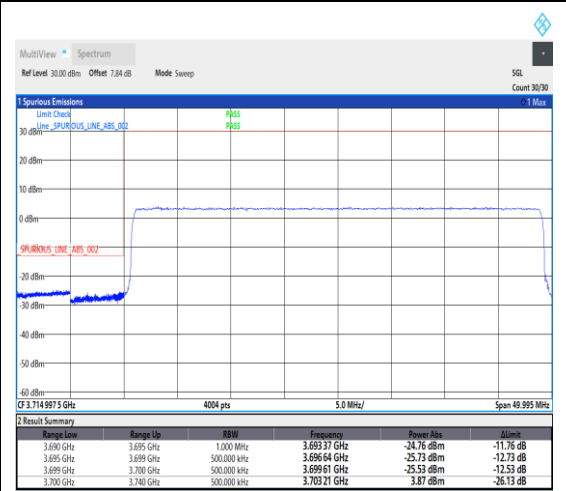


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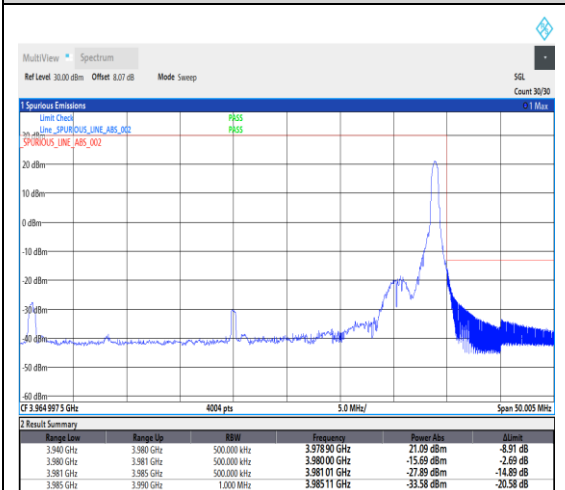
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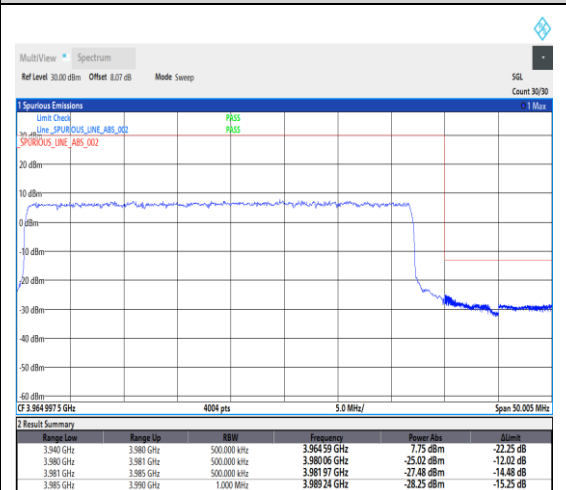
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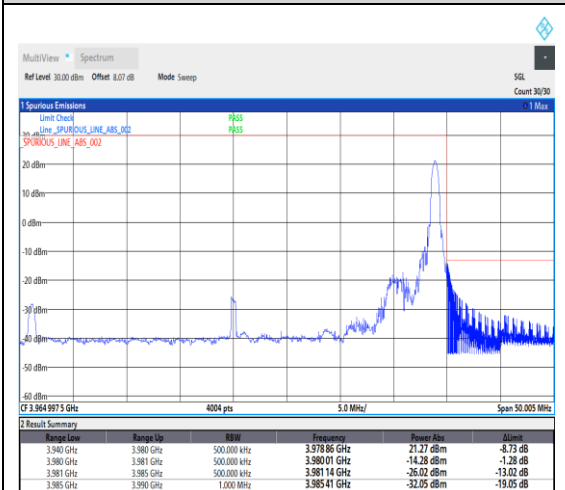
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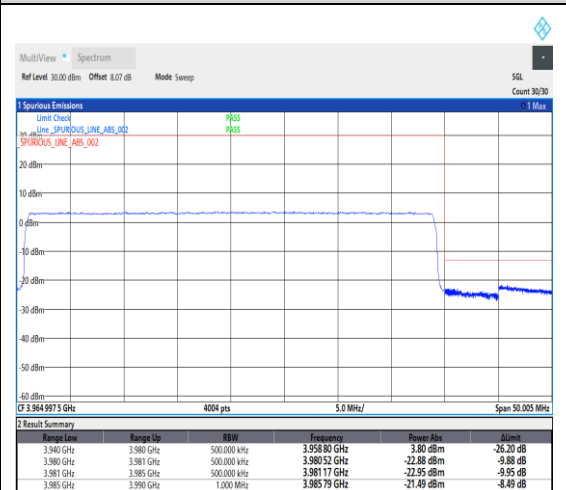
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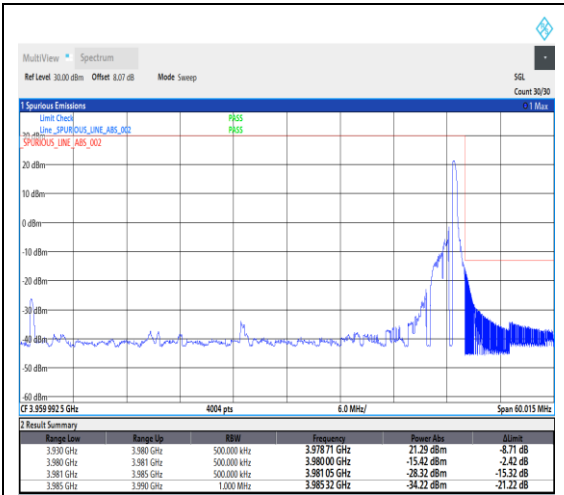
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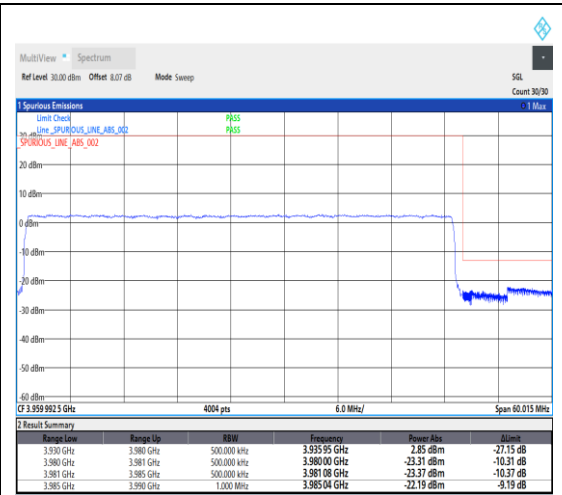
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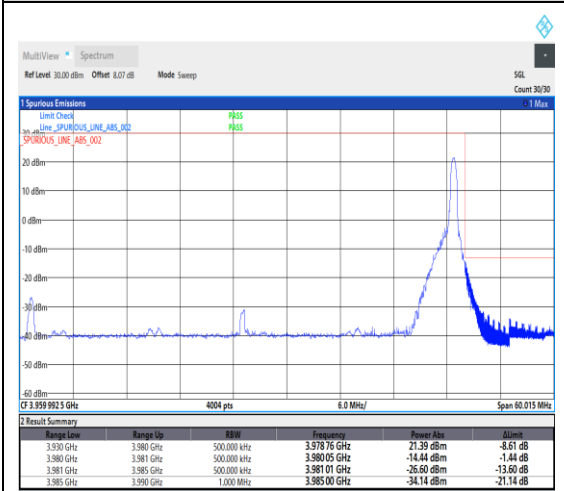
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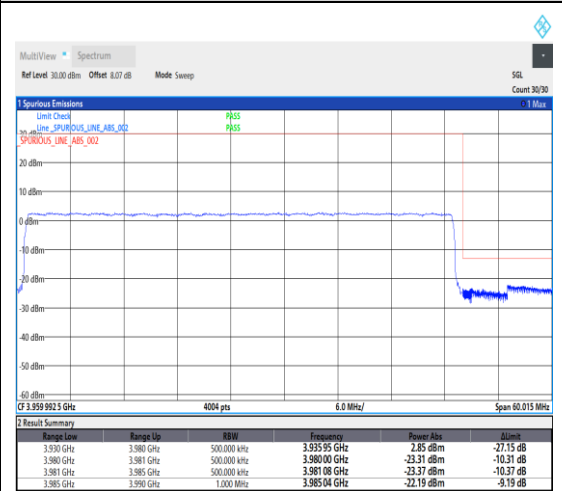
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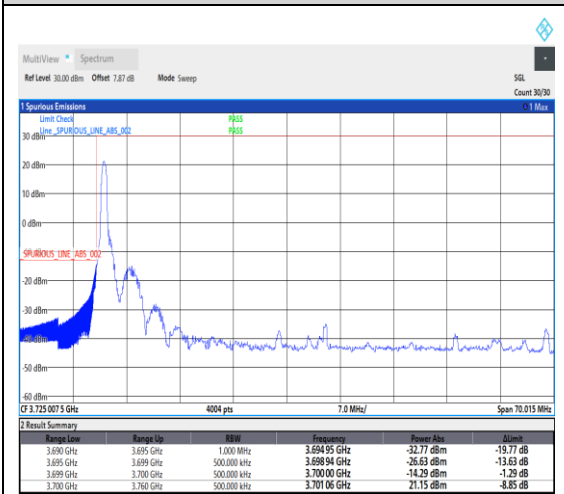
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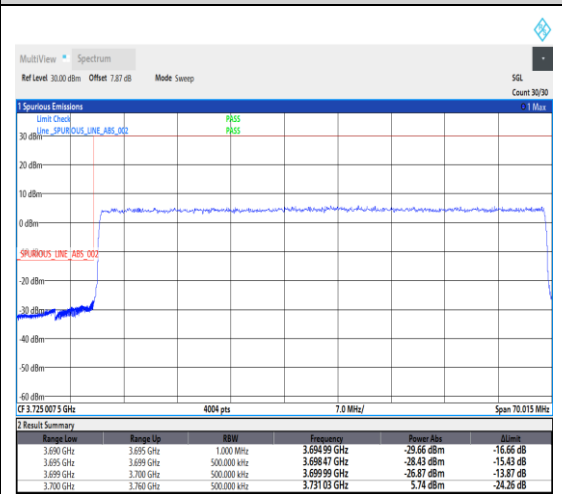
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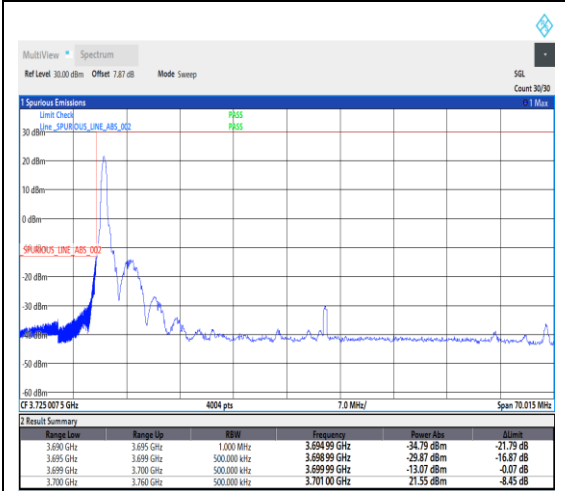


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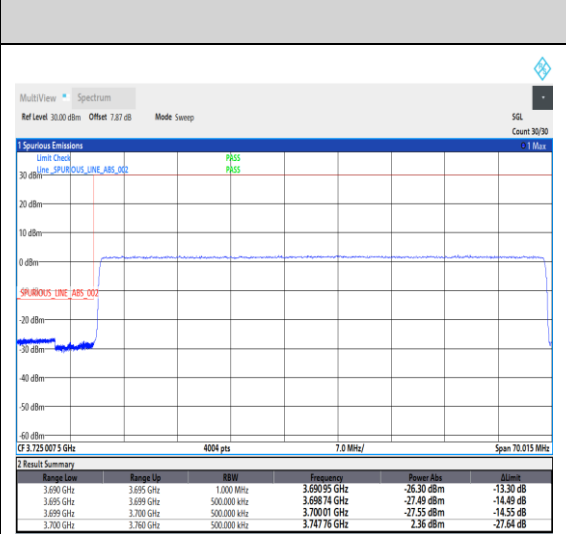


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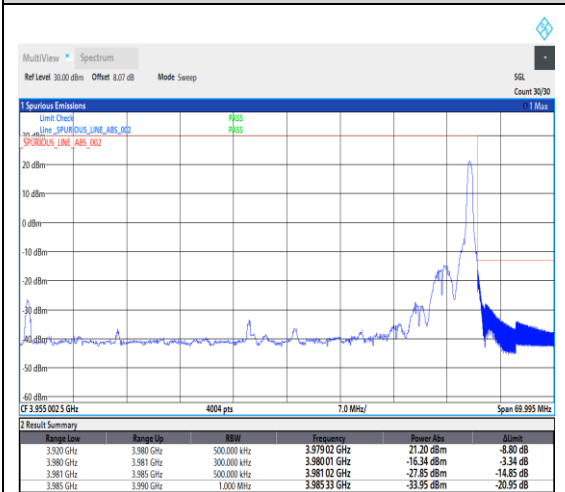
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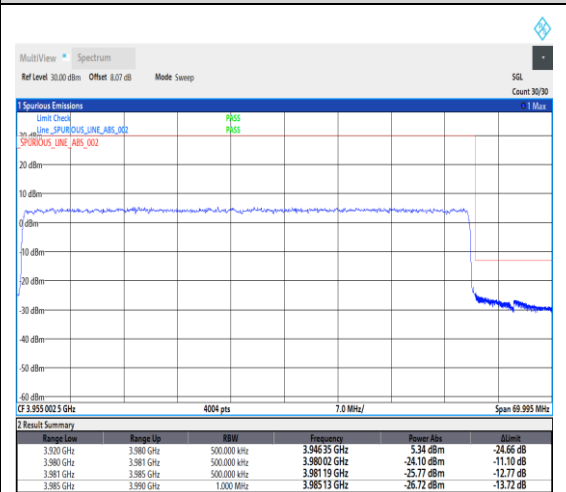
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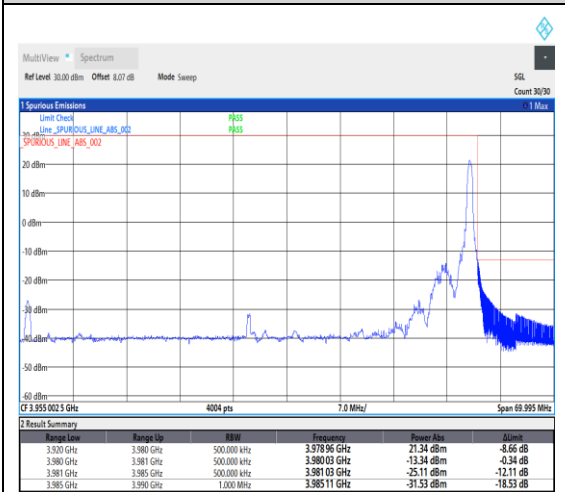
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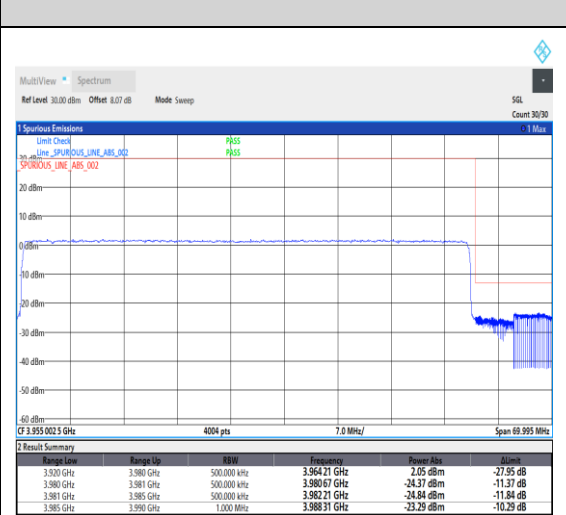
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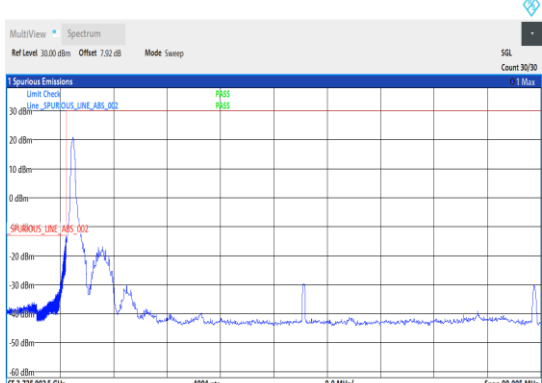
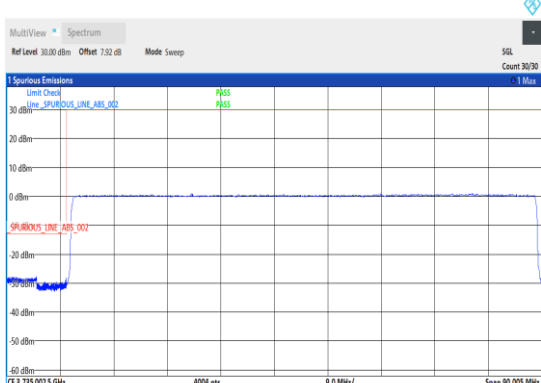


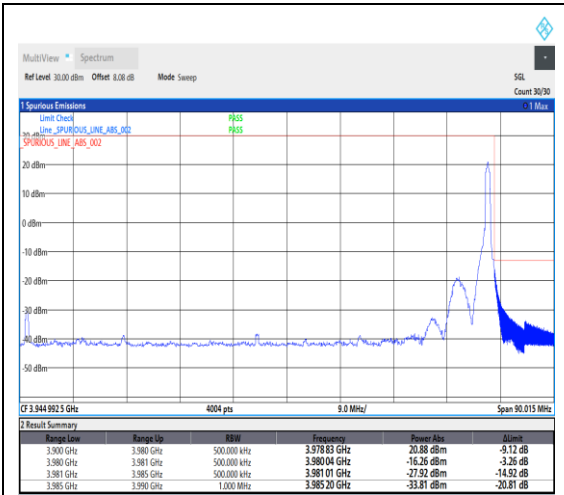
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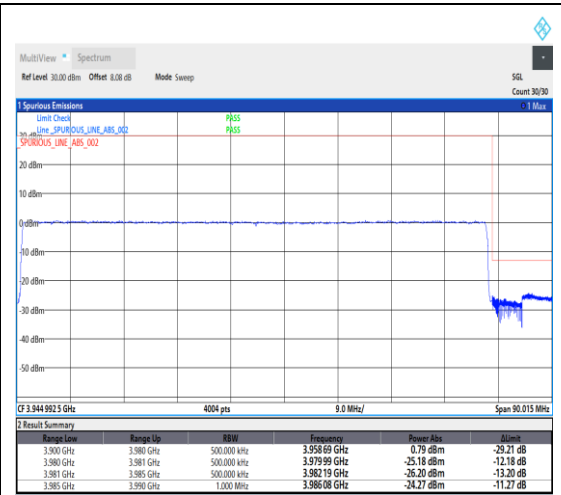
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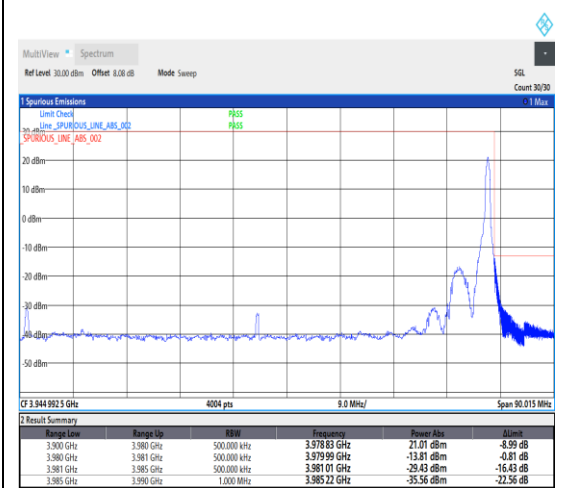
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3.695 GHz	3.699 GHz	500.000 kHz	3.69898 GHz	-27.33 dBm	-14.33 dB																																																								
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-14.79 dBm	-1.79 dB																																																								
3.700 GHz	3.780 GHz	500.000 kHz	3.78116 GHz	20.81 dBm	-9.19 dB																																																								
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3.690 GHz	3.695 GHz	1.000 MHz	3.69495 GHz	-28.94 dBm	-15.94 dB																																																								
3.695 GHz	3.699 GHz	500.000 kHz	3.69895 GHz	-29.68 dBm	-16.68 dB																																																								
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-27.84 dBm	-14.84 dB																																																								
3.700 GHz	3.780 GHz	500.000 kHz	3.73721 GHz	4.74 dBm	-25.26 dB																																																								
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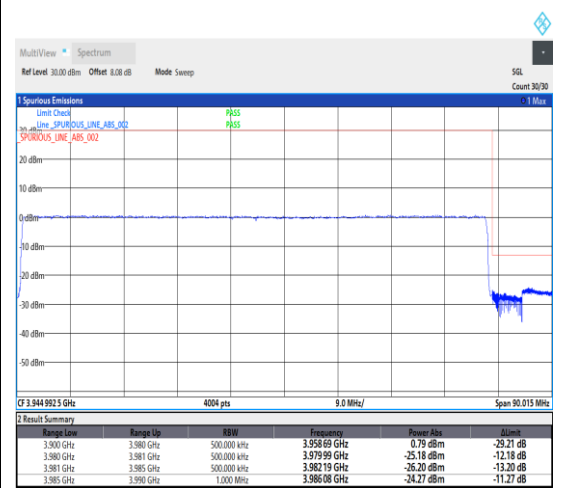
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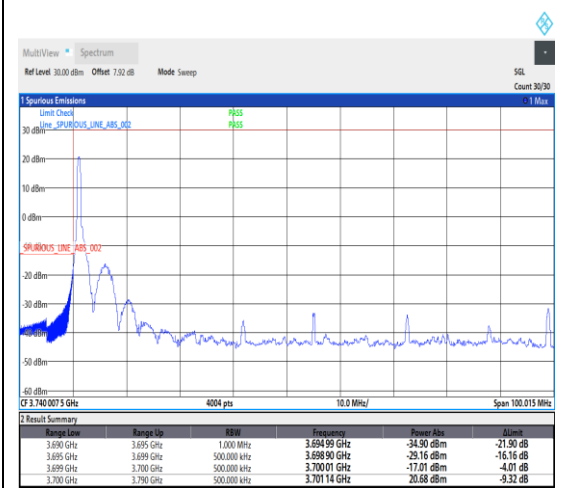
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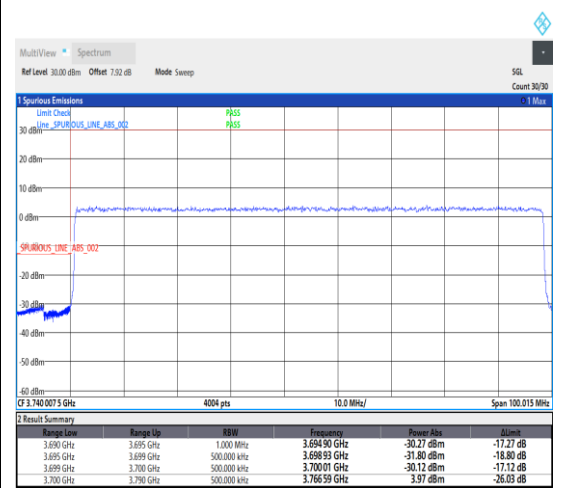
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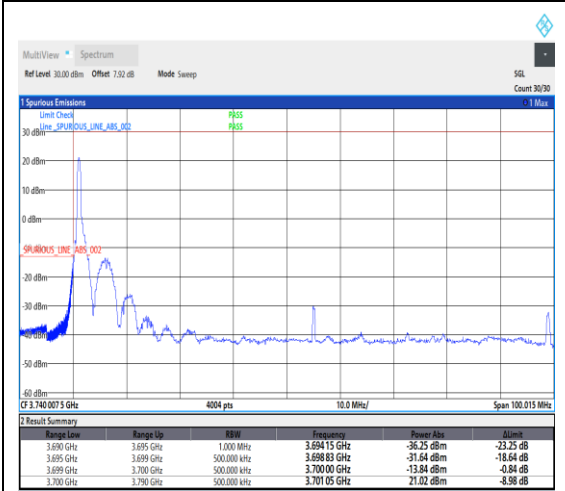


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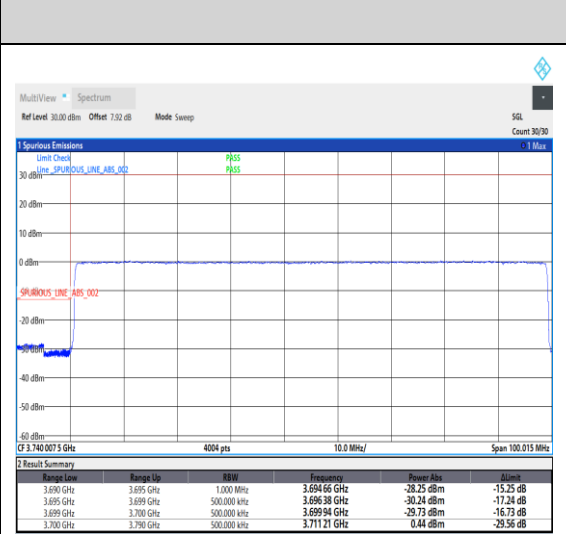


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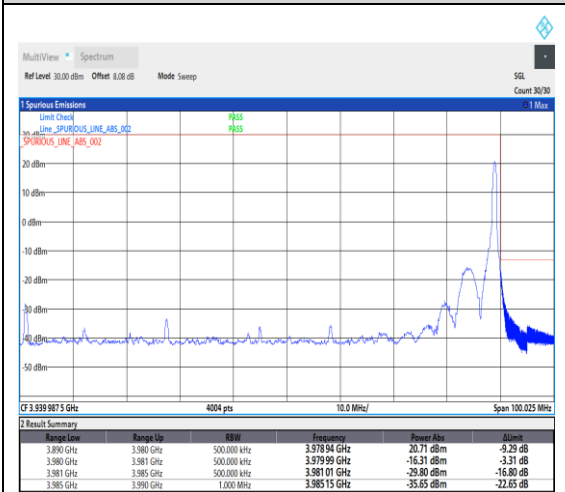
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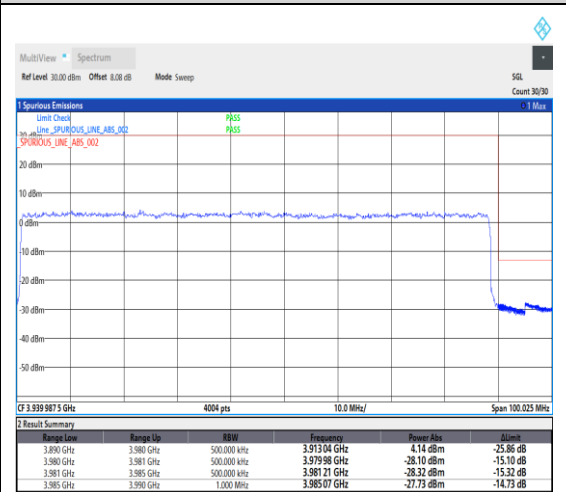
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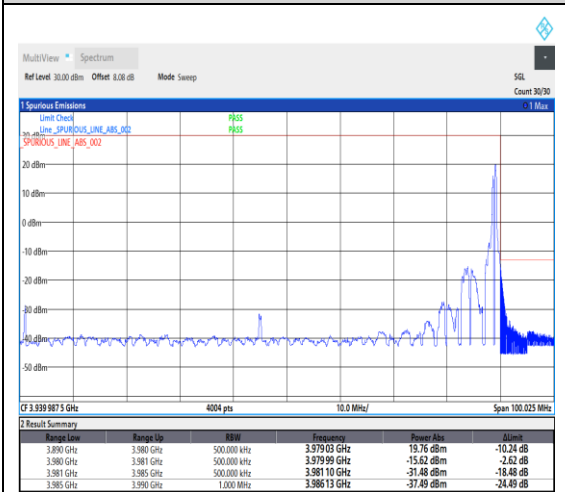
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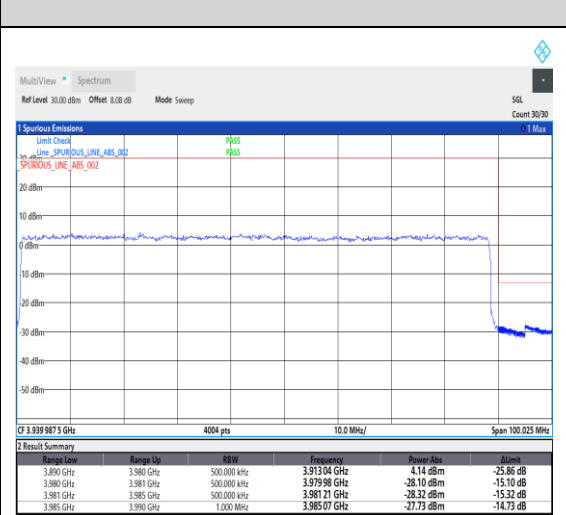
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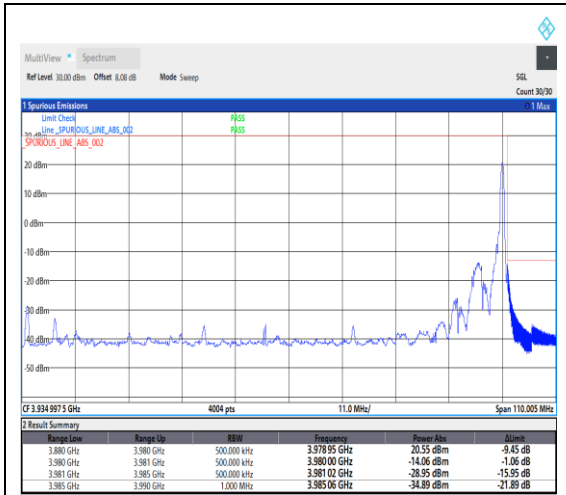
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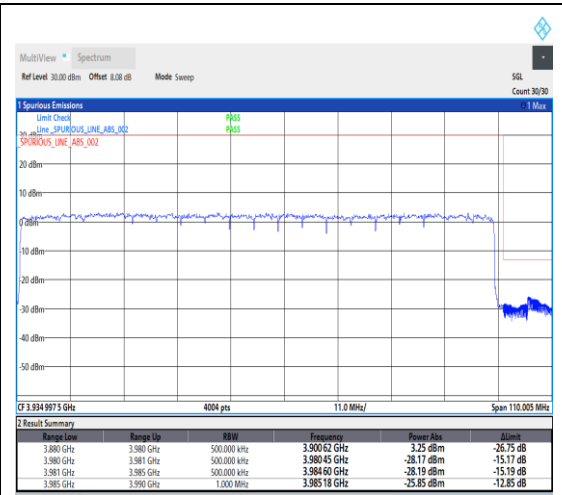
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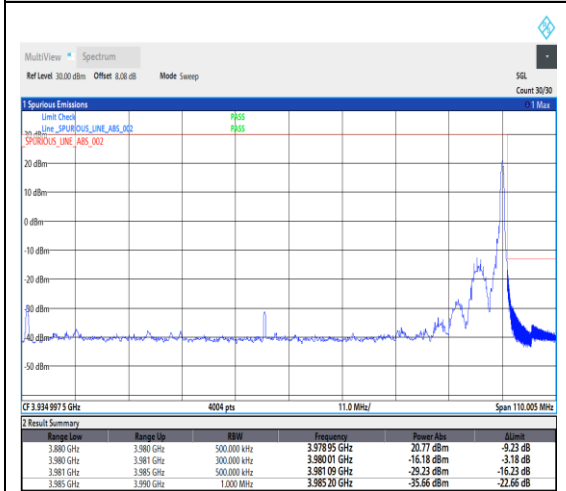
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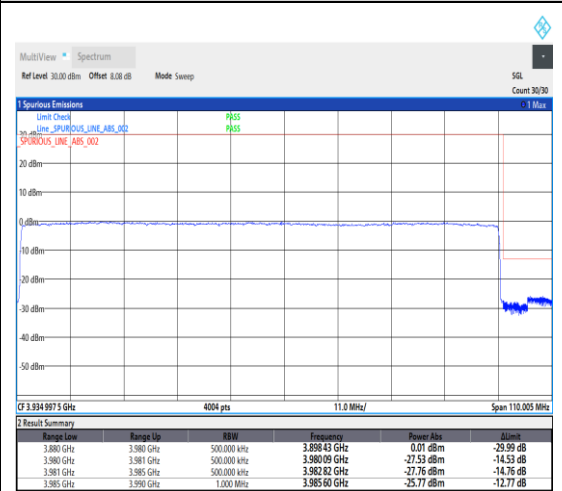
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K-Edge_1RB_Right-1@272-Ant1-1--PASS-s
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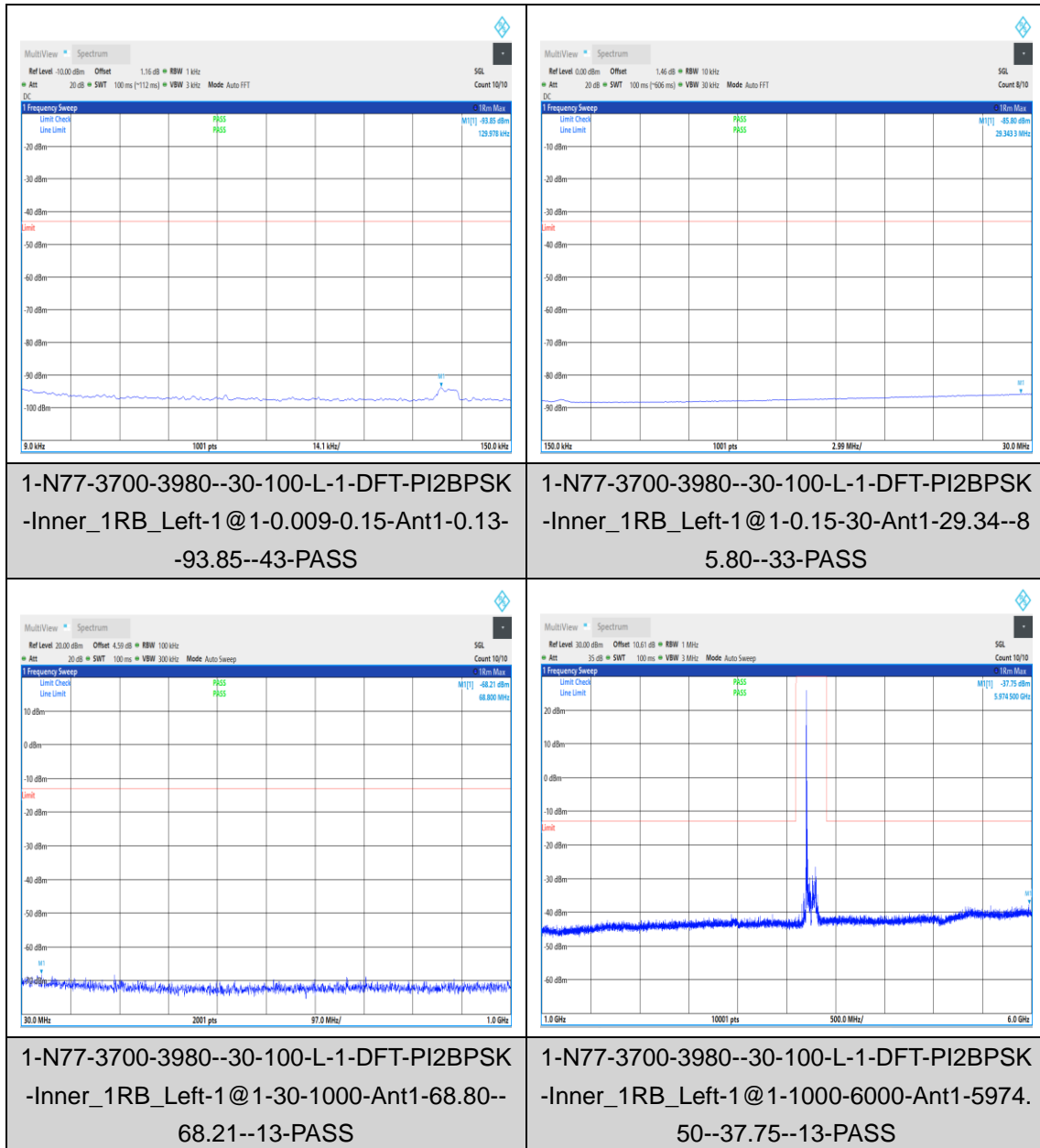
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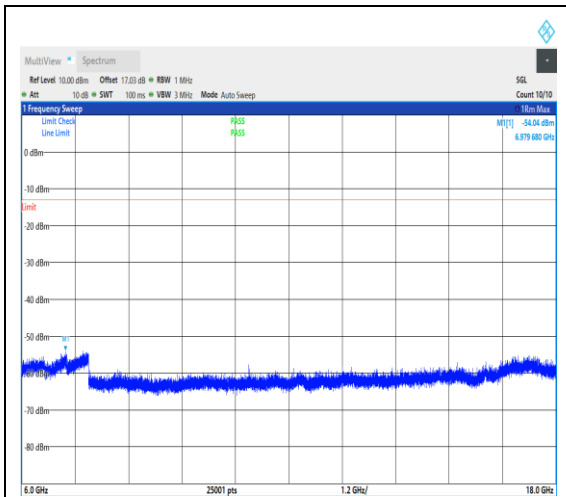


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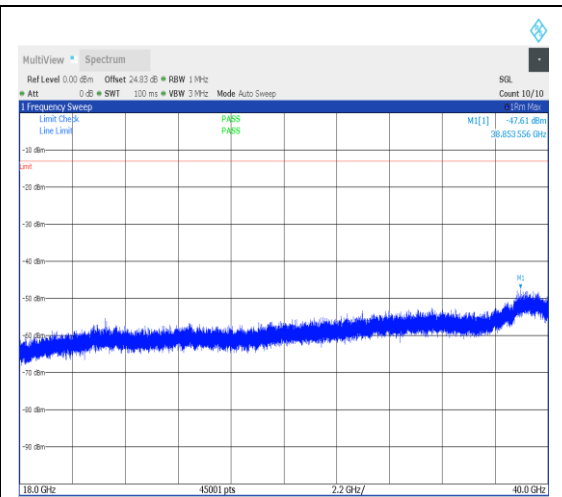
5. Conducted Spurious Emission for SA

Test Graphs

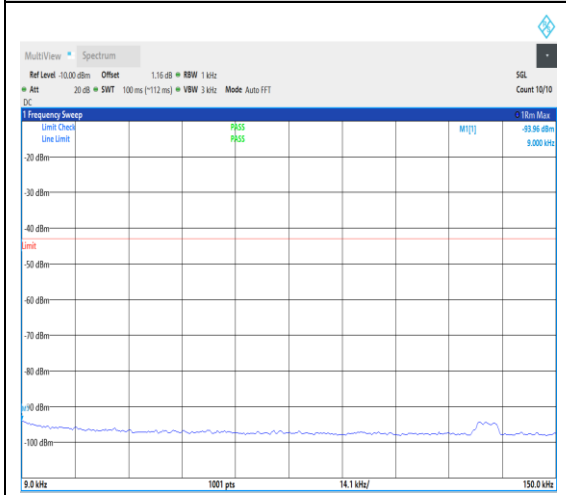




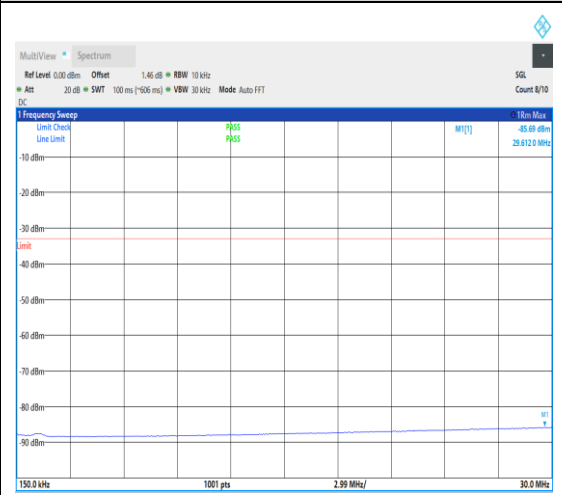
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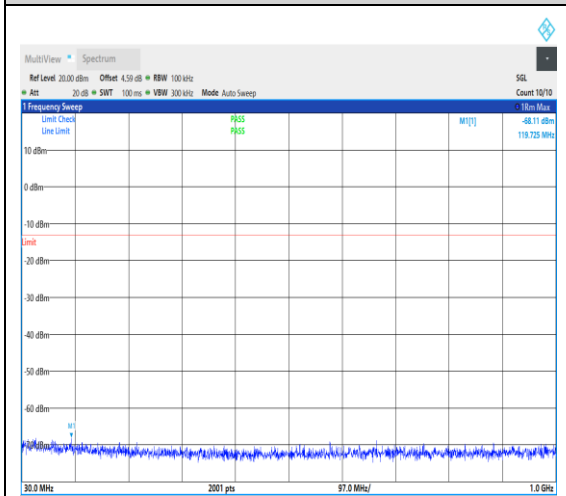
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-Inner_1RB_Left-1@1-18000-40000-Ant1-18
000.00--55.51--13-PASS



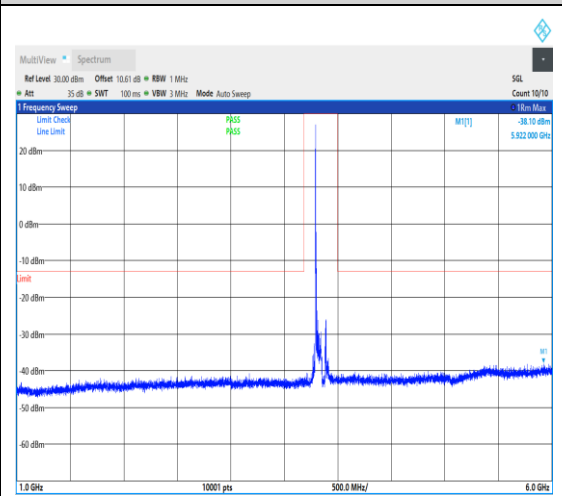
1-N77-3700-3980--30-100-M-1-DFT-PI2BPS
K-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.0
1--93.96--43-PASS



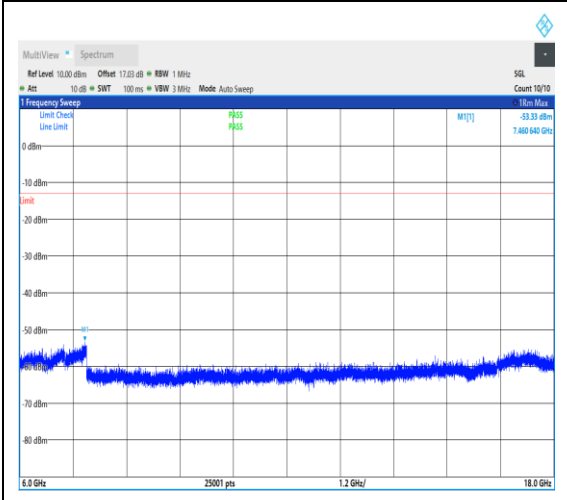
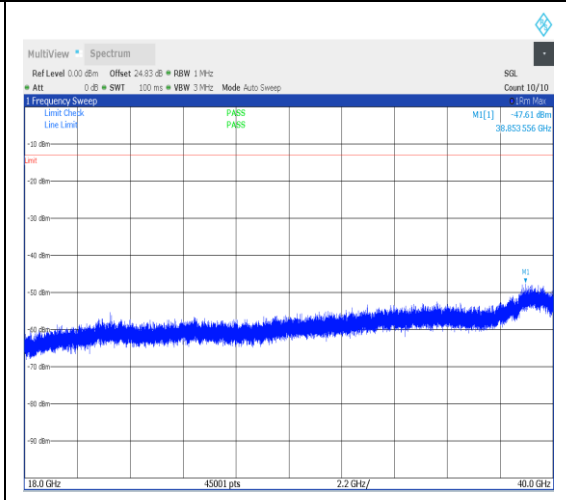
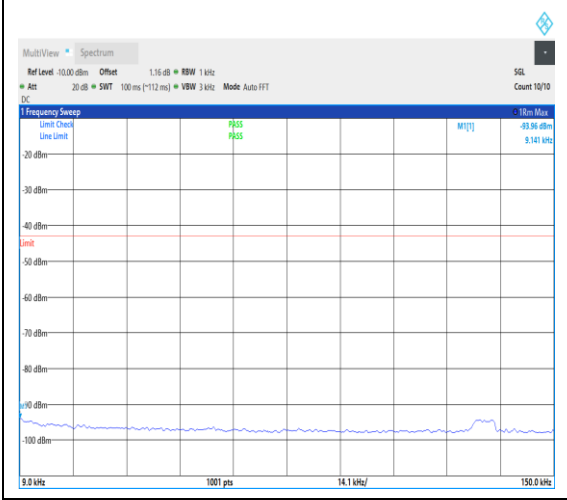
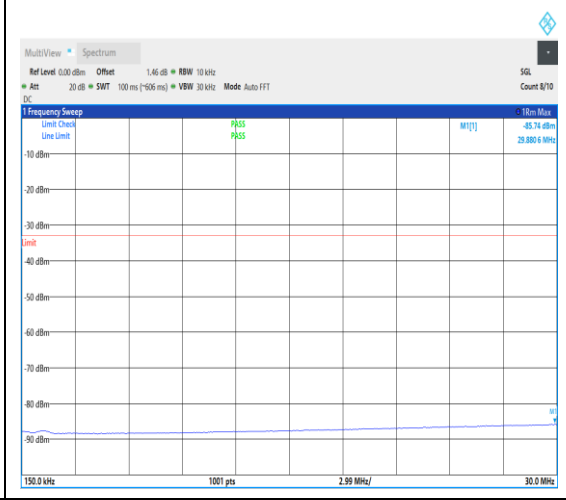
1-N77-3700-3980--30-100-M-1-DFT-PI2BPS
K-Inner_1RB_Left-1@1-0.15-30-Ant1-29.61--
85.69--33-PASS

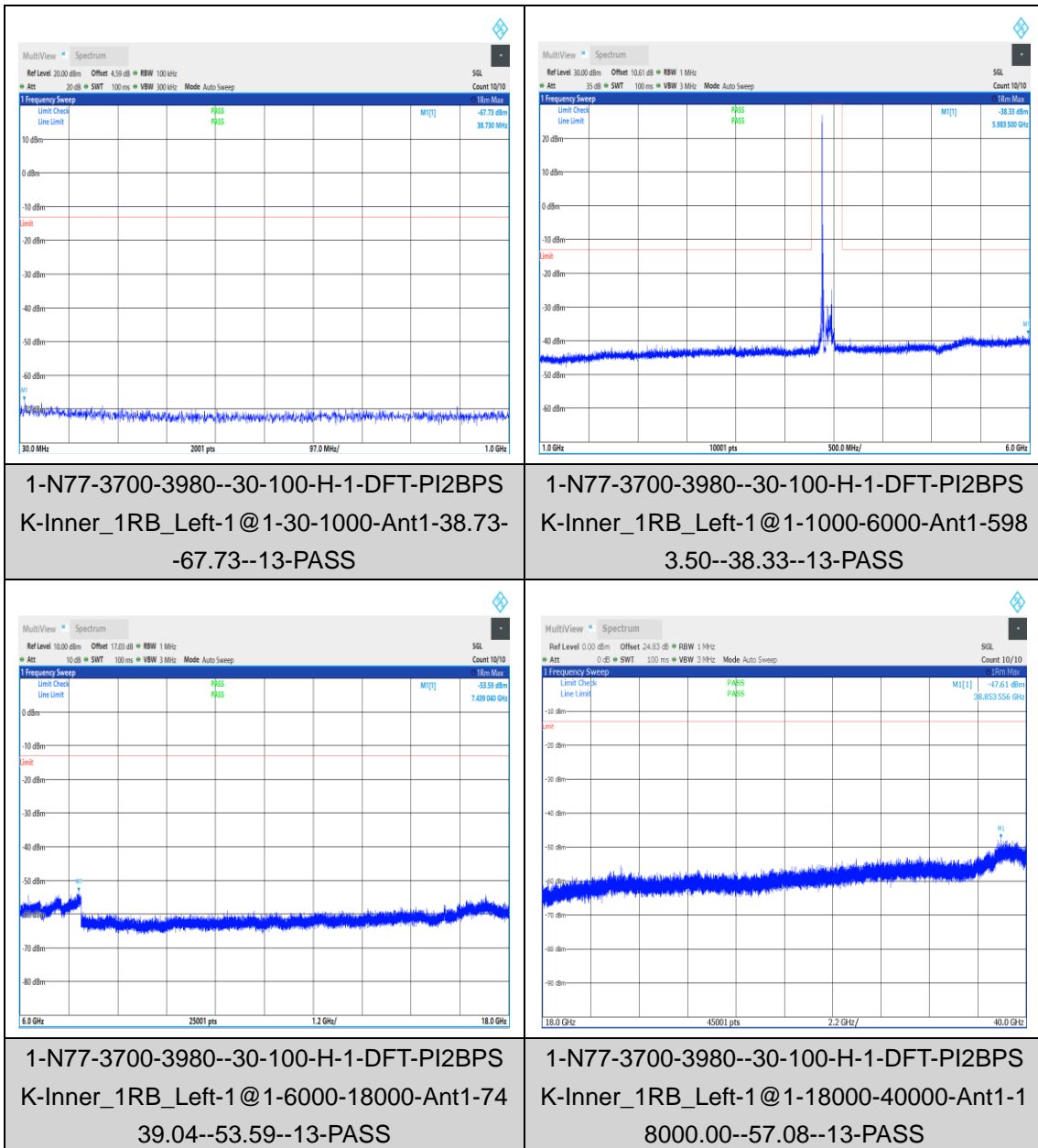


1-N77-3700-3980--30-100-M-1-DFT-PI2BPS



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>



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



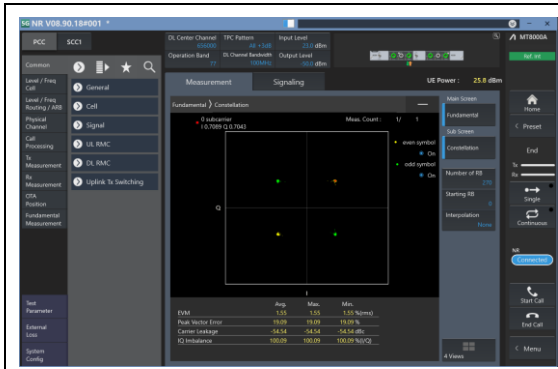
0-3980										
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	16.000000	0.004167	PASS
N77-370 0-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	12.800000	0.003333	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	-30	13.900000	0.003620	PASS
N77-370 0-3980	30	100	CP-QPSK	M	Outer_Full	NV	-20	6.800000	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

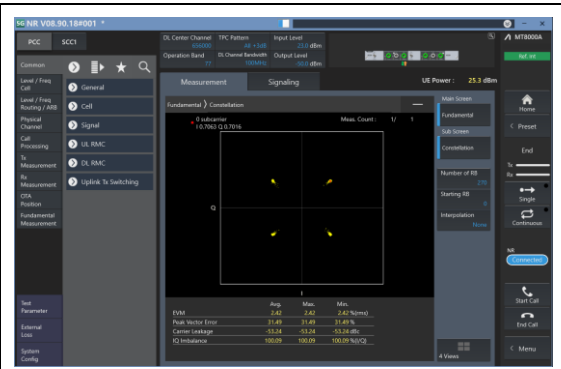
Test Result

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

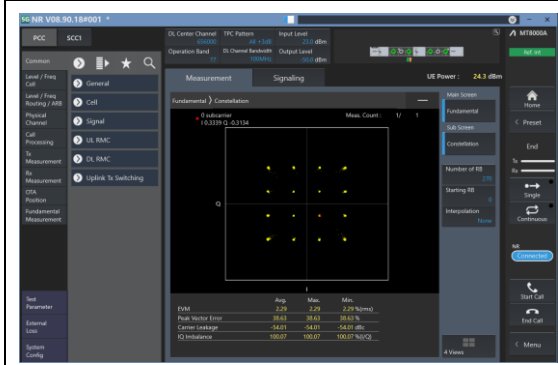
Test Graphs



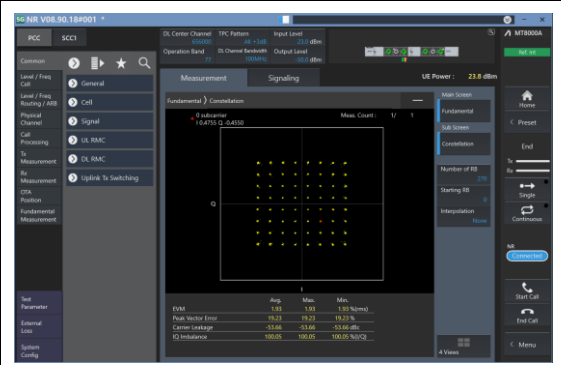
1-N77-3700-3980-PC2-30-100-M-1-DFT-PI2
BPSK-Outer_Full-270@0-Ant1-see graph-PASS



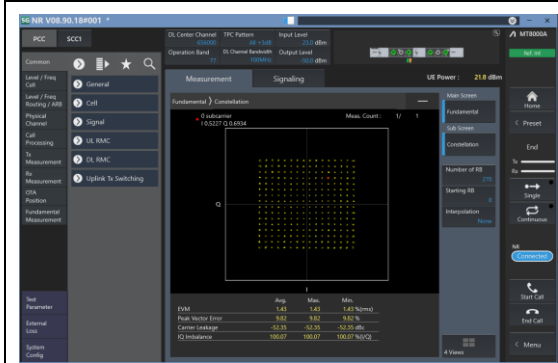
1-N77-3700-3980-PC2-30-100-M-2-DFT-QP
SK-Outer_Full-270@0-Ant1-see graph-PASS



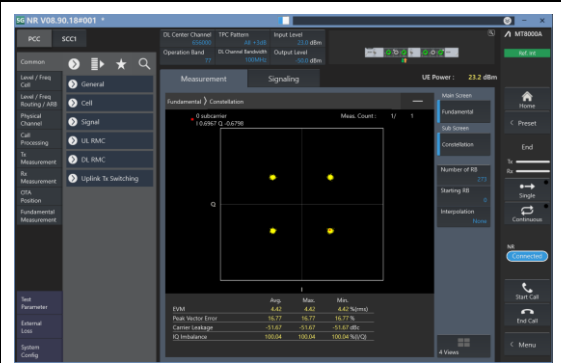
1-N77-3700-3980-PC2-30-100-M-3-DFT-16Q
AM-Outer_Full-270@0-Ant1-see graph-PASS



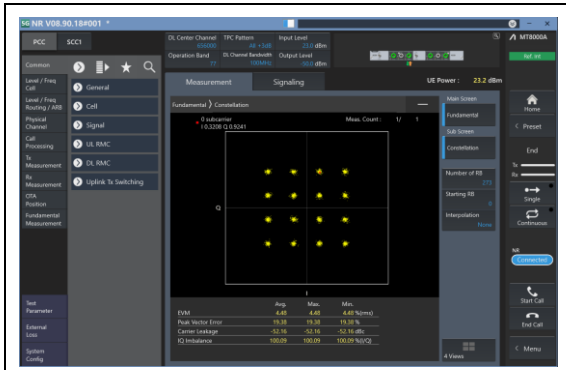
1-N77-3700-3980-PC2-30-100-M-4-DFT-64Q
AM-Outer_Full-270@0-Ant1-see graph-PASS



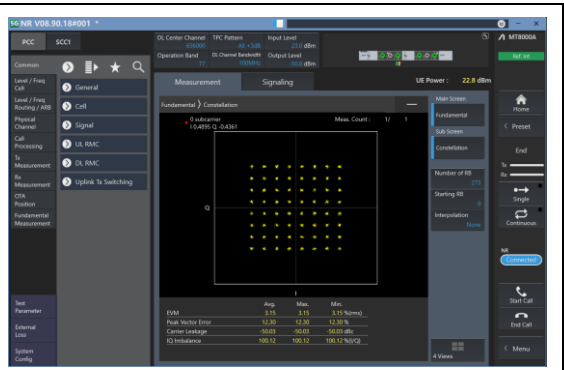
1-N77-3700-3980-PC2-30-100-M-5-DFT-256
QAM-Outer_Full-270@0-Ant1-see graph-PASS



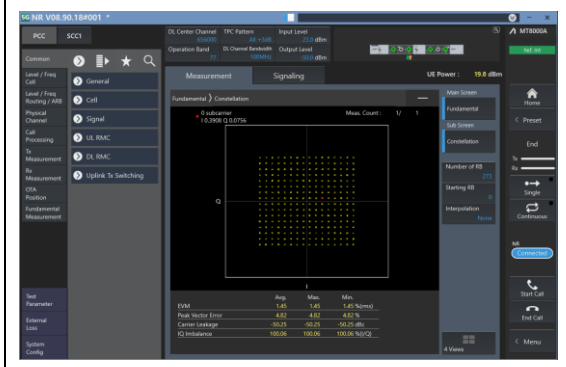
1-N77-3700-3980-PC2-30-100-M-6-CP-QPS
K-Outer_Full-273@0-Ant1-see graph-PASS



1-N77-3700-3980-PC2-30-100-M-7-CP-16Q
AM-Outer_Full-273@0-Ant1-see graph-PASS



1-N77-3700-3980-PC2-30-100-M-8-CP-64Q
AM-Outer_Full-273@0-Ant1-see graph-PASS



1-N77-3700-3980-PC2-30-100-M-9-CP-256Q
AM-Outer_Full-273@0-Ant1-see graph-PASS

