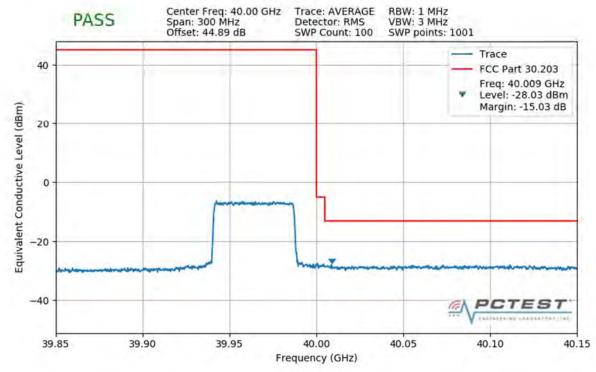


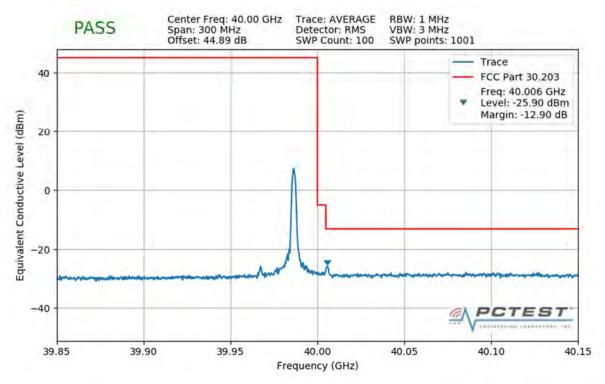


FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 220 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 228 of 355
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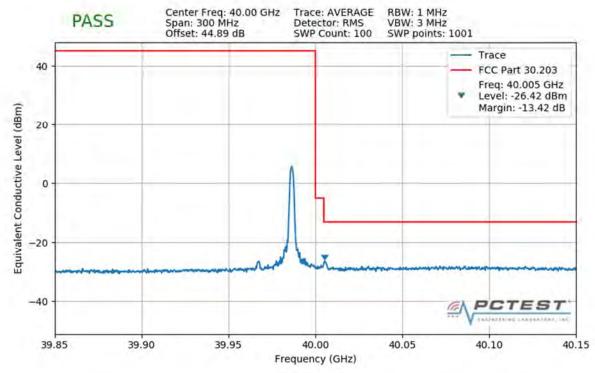




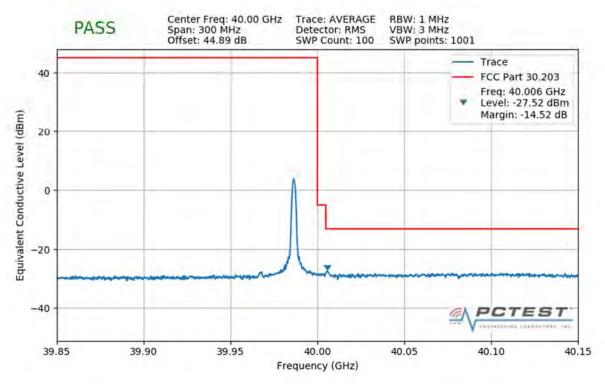


FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 220 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 229 of 355
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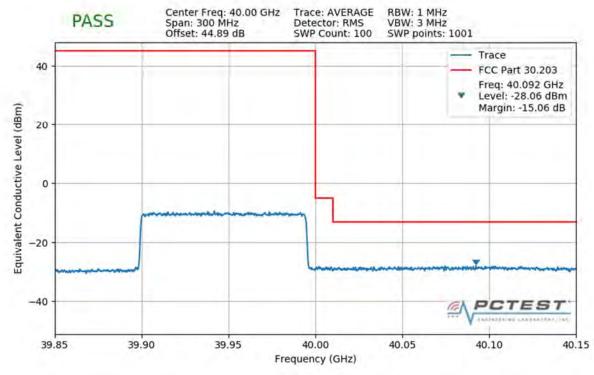




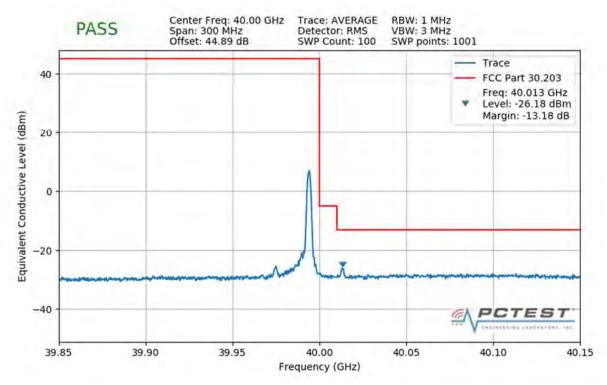
Plot 7-356. Upper Band Edge Plot (1CC 50MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 220 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 230 of 355
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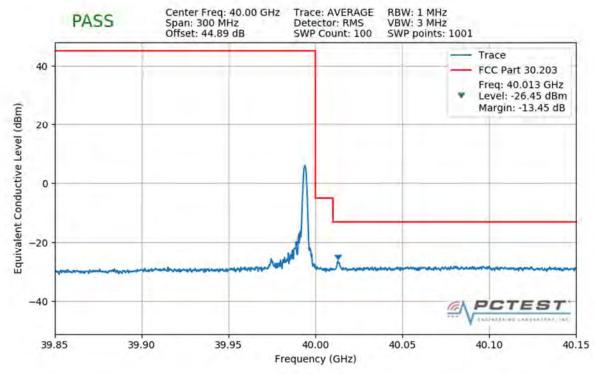




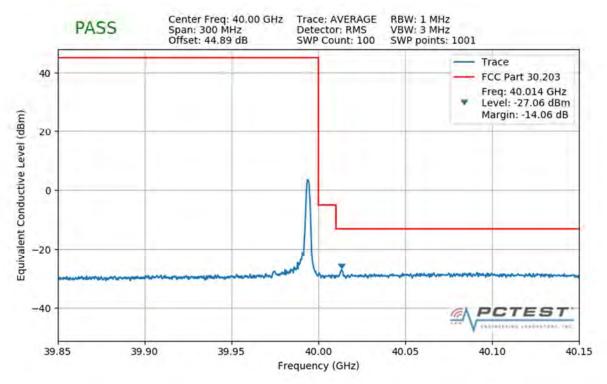


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Test Report S/N:	Test Dates:	EUT Type:		Dage 221 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 231 of 355
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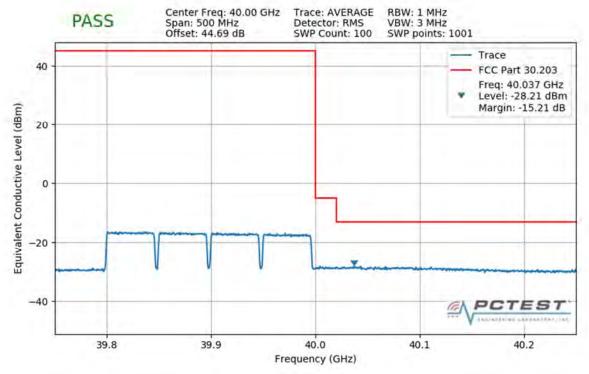




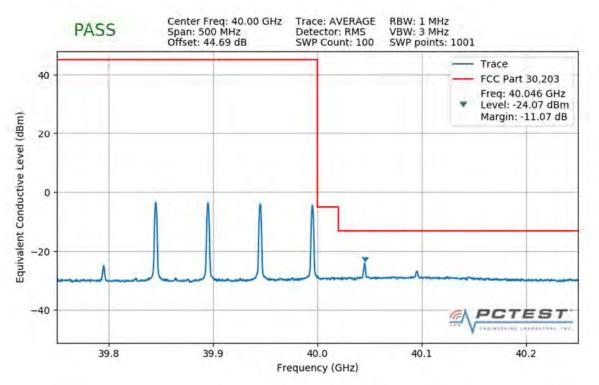
Plot 7-360. Upper Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 222 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 232 of 355
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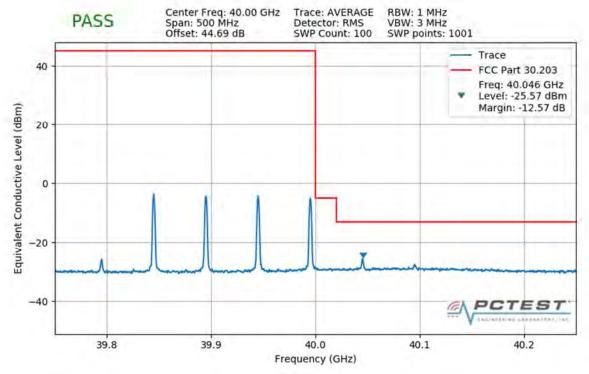




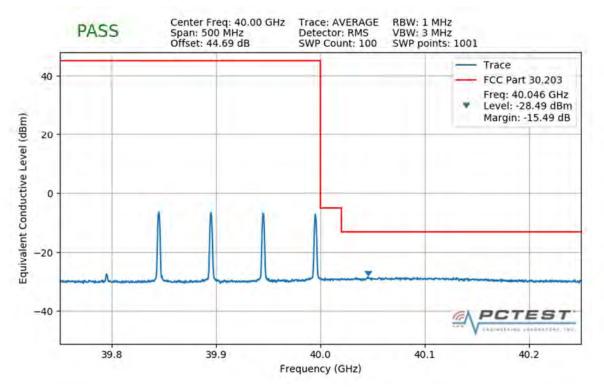


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Test Report S/N:	Test Dates:	EUT Type:		Dage 222 of 255
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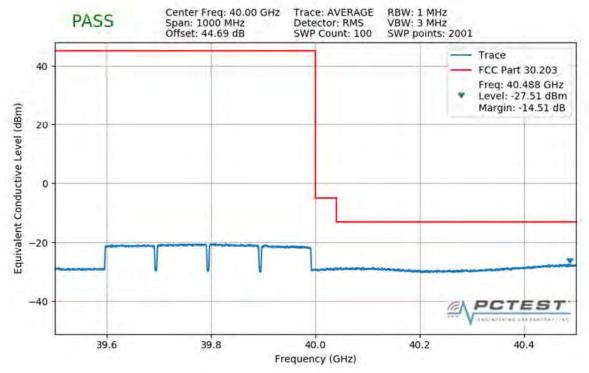




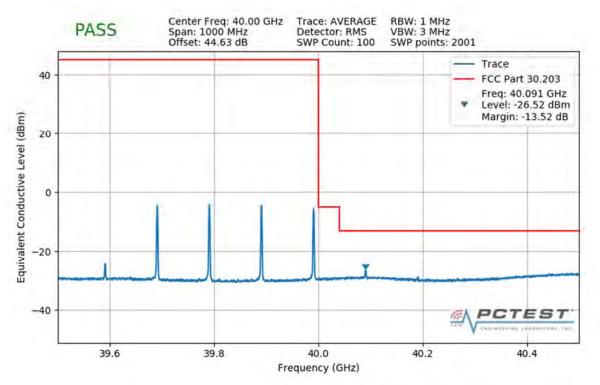


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Test Report S/N:	Test Dates:	EUT Type:		Dage 224 of 255
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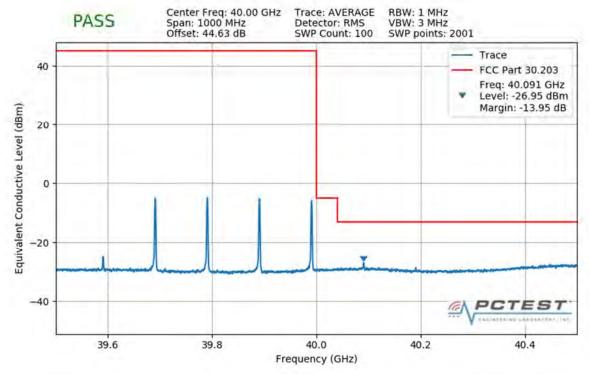




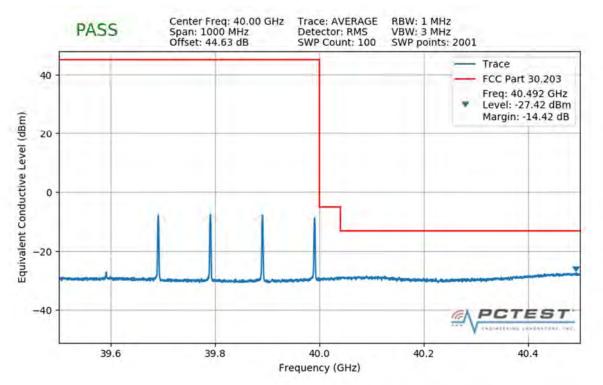


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Test Report S/N:	Test Dates:	EUT Type:		Dage 225 of 255
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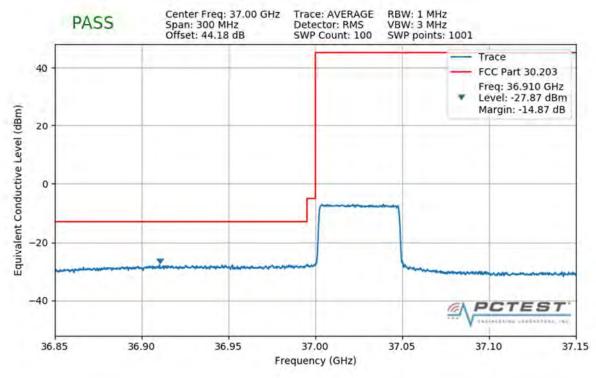




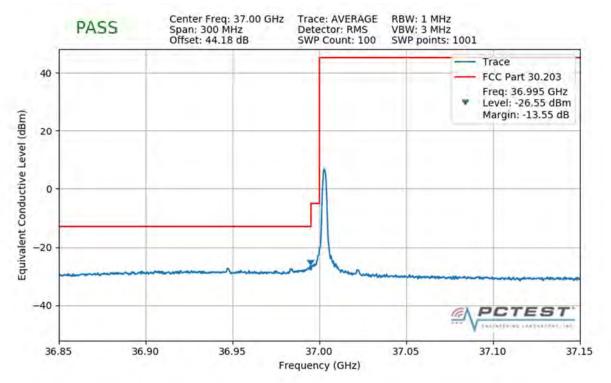


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Test Report S/N:	Test Dates:	EUT Type:		Dage 226 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 236 of 355
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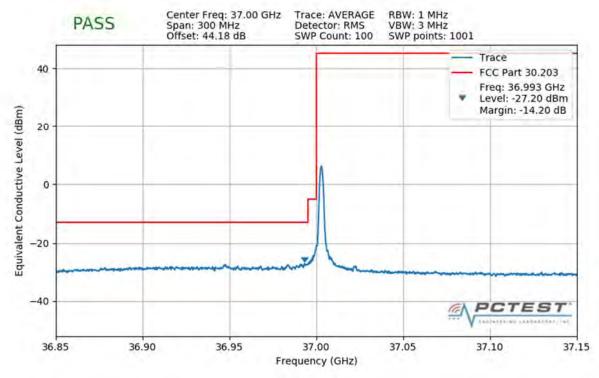




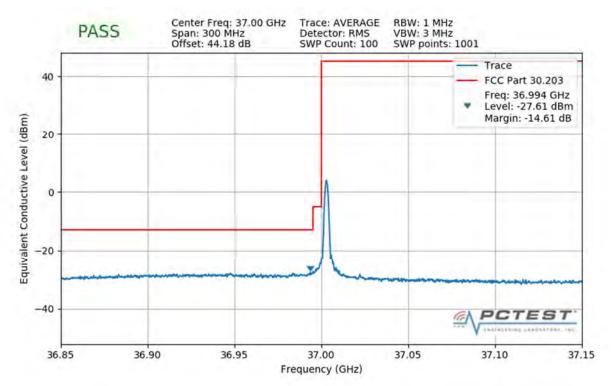
FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 227 of 255	
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 237 of 355	
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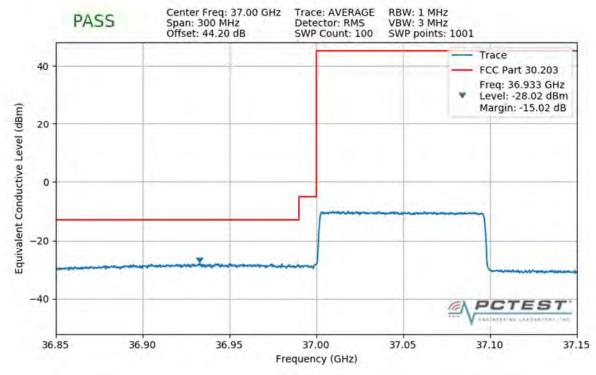




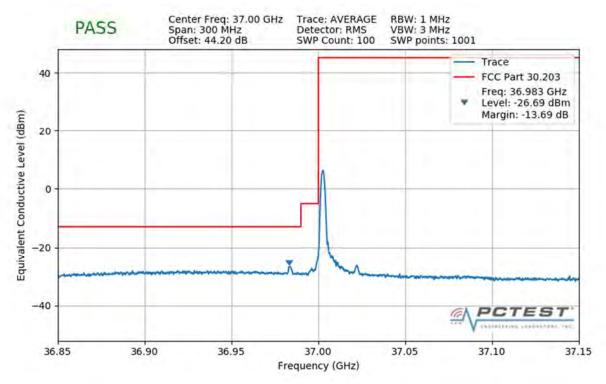
Plot 7-372. Lower Band Edge Plot (1CC 50MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 229 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 238 of 355
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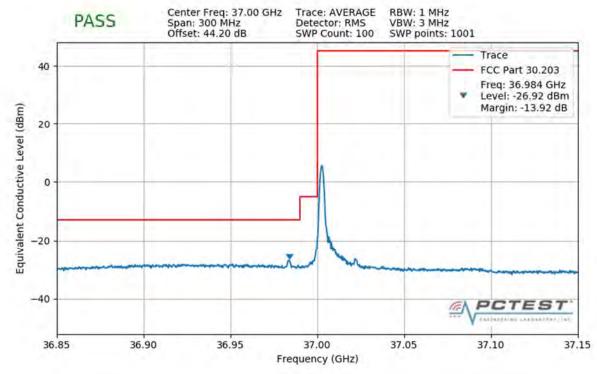




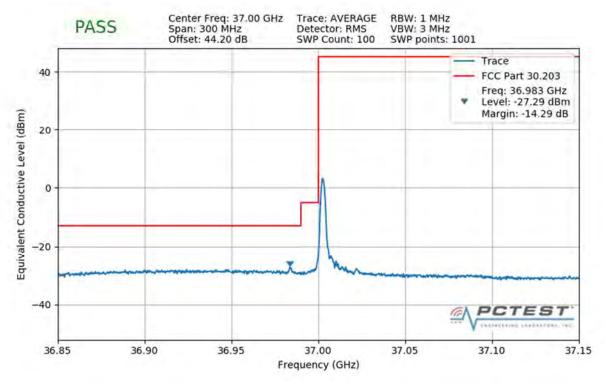


FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONS	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 220 of 255
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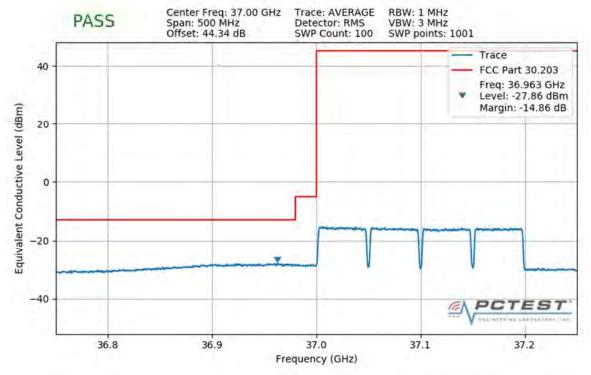




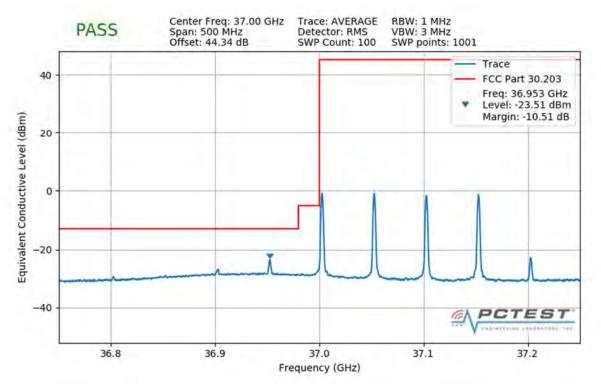
Plot 7-376. Lower Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 240 of 255
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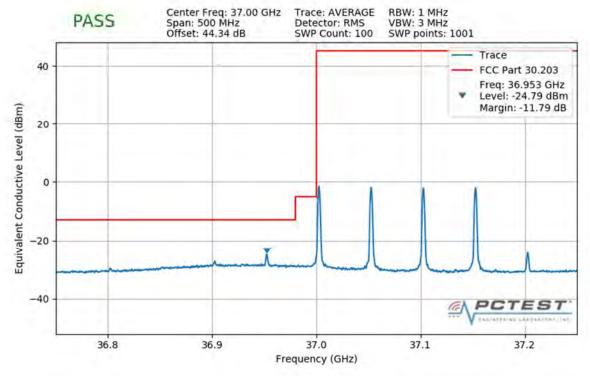




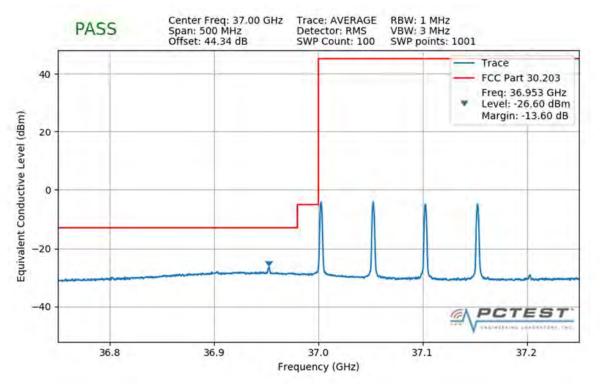


FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 241 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 241 of 355
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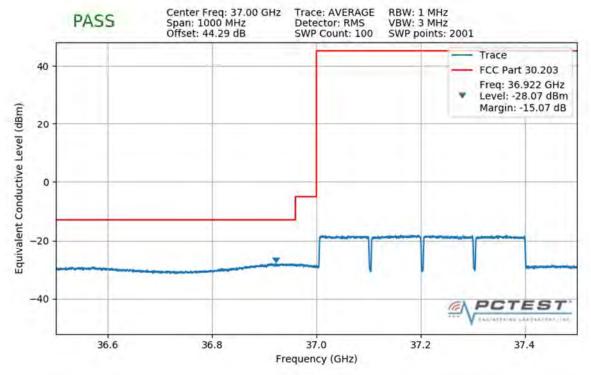




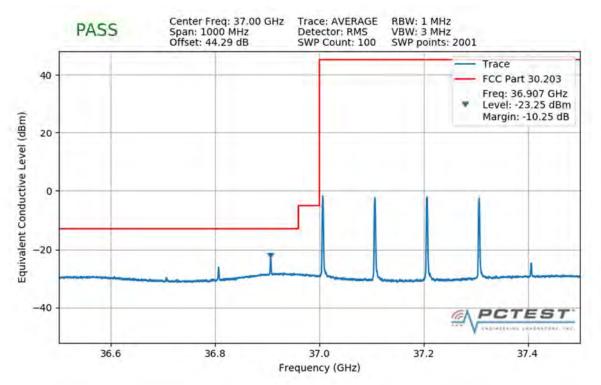


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Test Report S/N:	Test Dates:	EUT Type:		Dage 242 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 242 of 355
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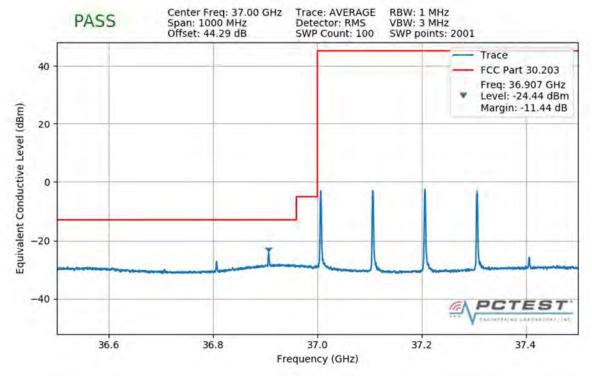




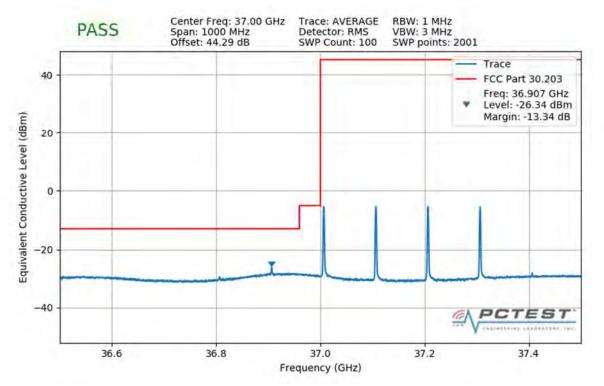


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Test Report S/N:	Test Dates:	EUT Type:		Dage 242 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 243 of 355
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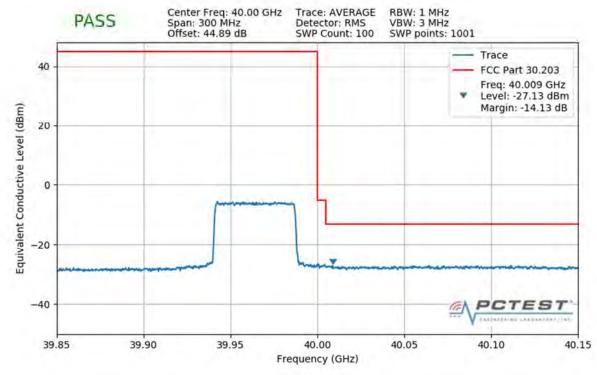




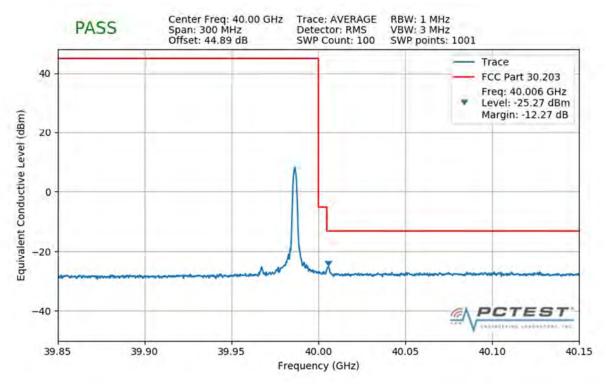


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Test Report S/N:	Test Dates:	EUT Type:		Dage 244 of 255
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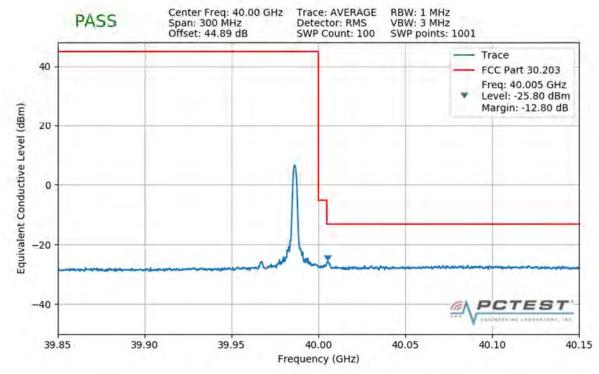




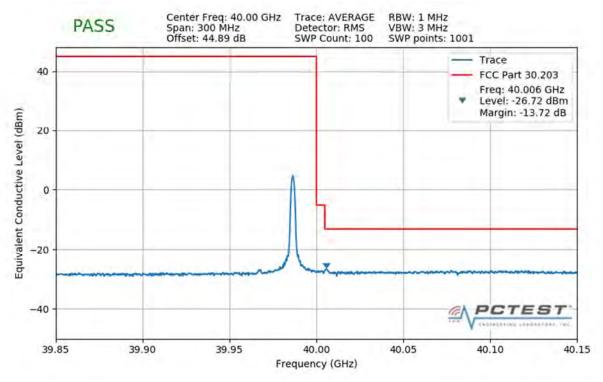
Plot 7-386. Upper Band Edge Plot (1CC 50MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 245 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 245 of 355
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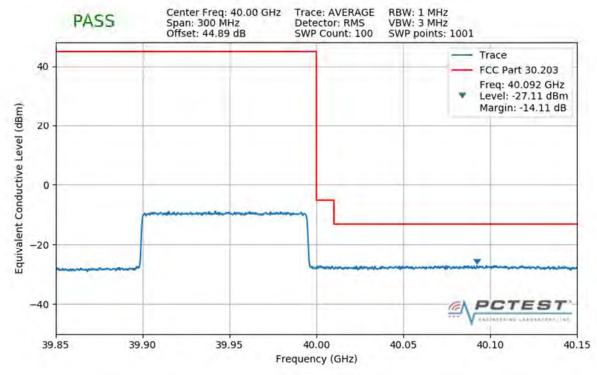




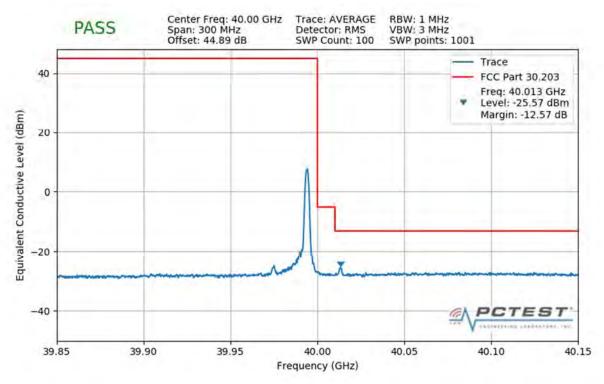


FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 246 of 255
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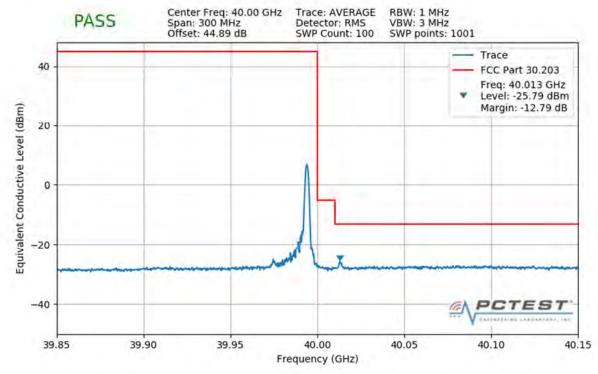




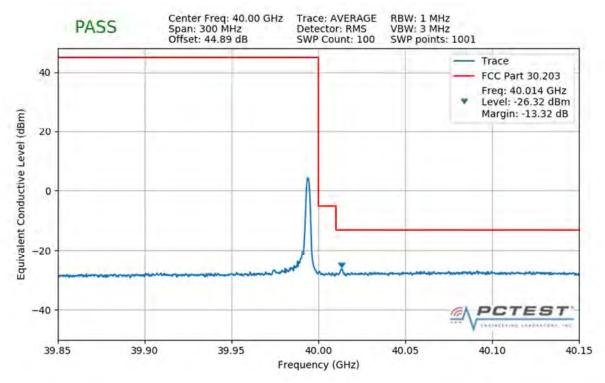
Plot 7-390. Upper Band Edge Plot (1CC 100MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 247 of 255
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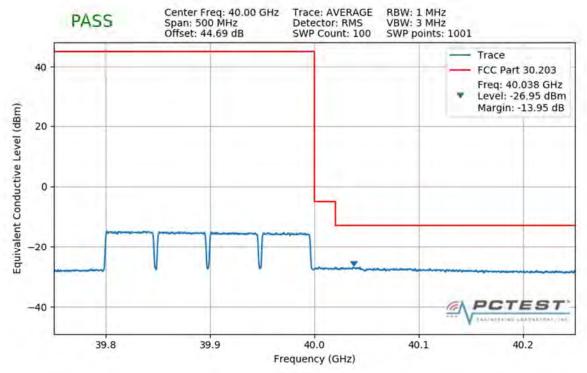




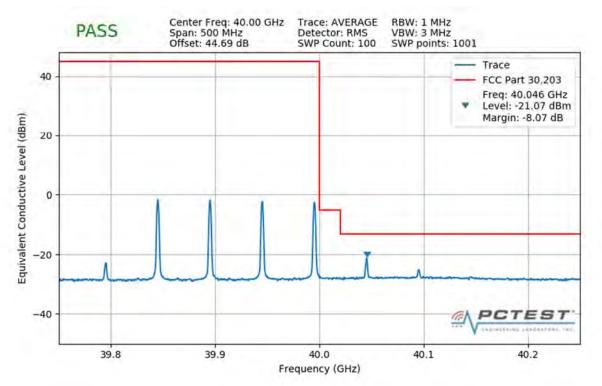
Plot 7-392. Upper Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 249 of 255
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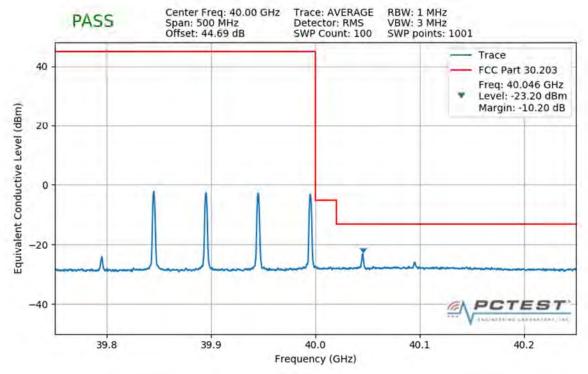




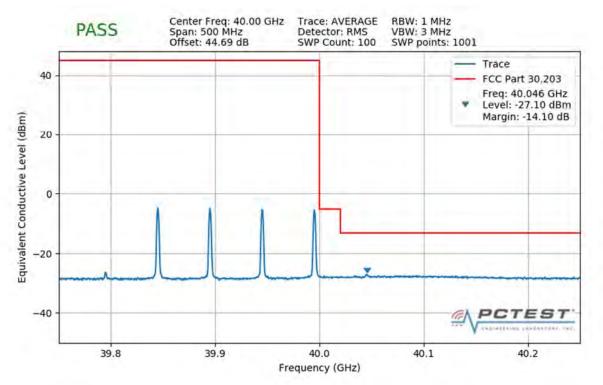


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Test Report S/N:	Test Dates:	EUT Type:		Dage 240 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 249 of 355
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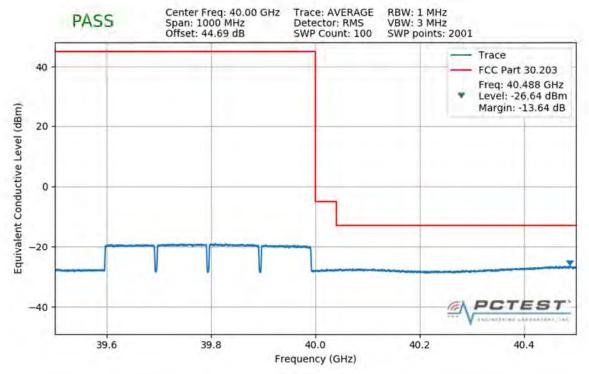




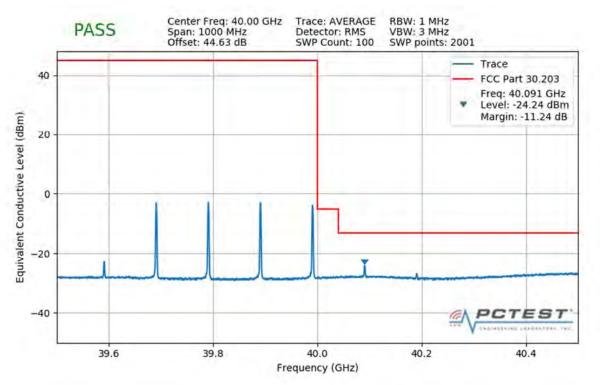


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Test Report S/N:	Test Dates:	EUT Type:		Dage 250 of 255
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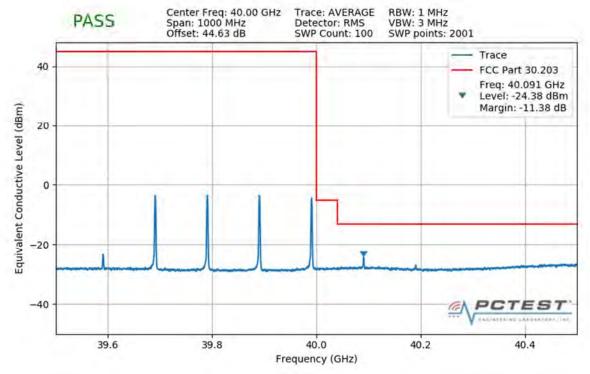




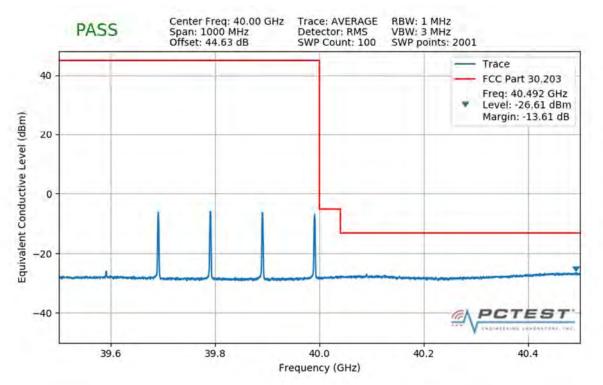


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Test Report S/N:	Test Dates:	EUT Type:		Dage 251 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 251 of 355
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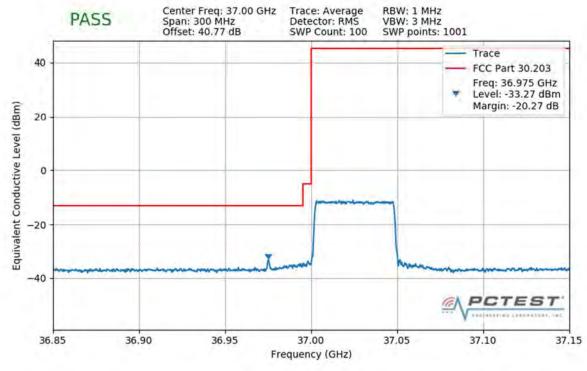




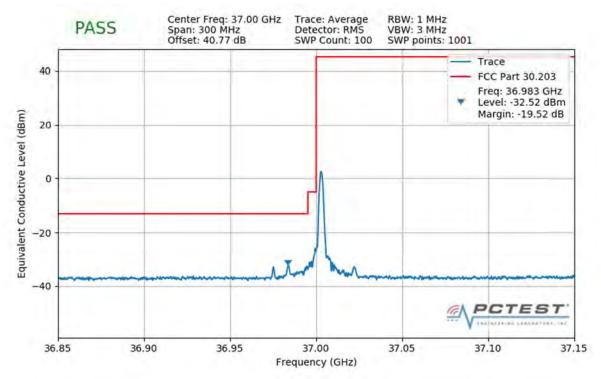
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Test Report S/N:	Test Dates:	EUT Type:		Dage 252 of 255
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7.5.4 K Patch Band Edge H Beam



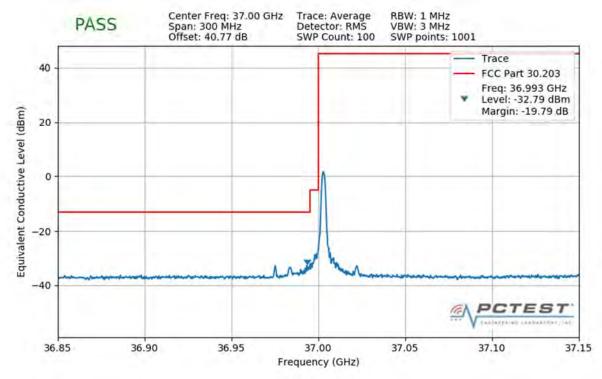




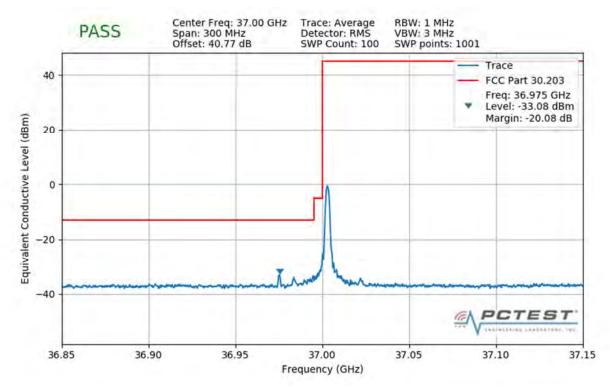
Plot 7-402. Lower Band Edge Plot (1CC 50MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONS	Approved by: Quality Manager
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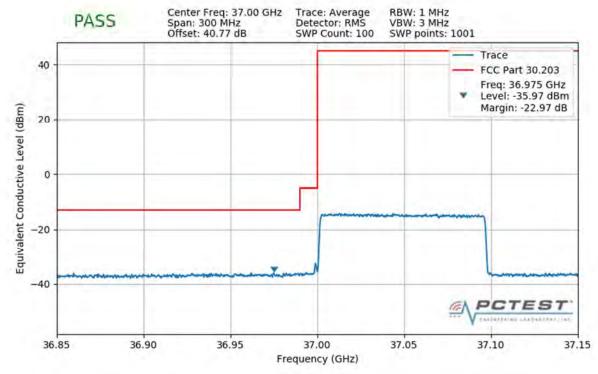




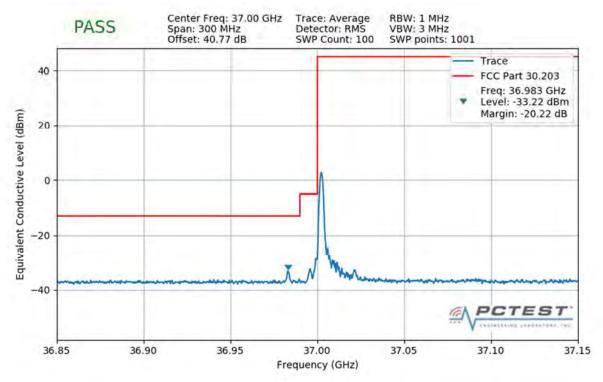
Plot 7-404. Lower Band Edge Plot (1CC 50MHz 64QAM 1 RB)

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1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 254 of 355
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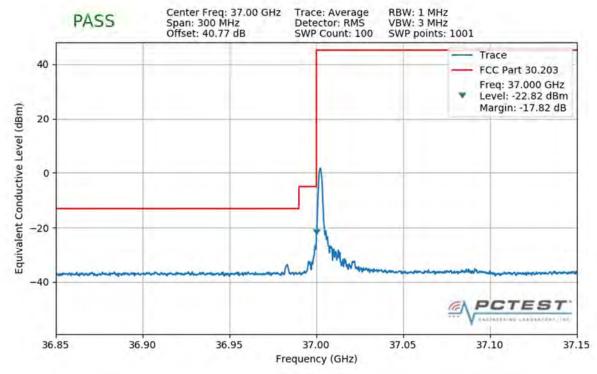




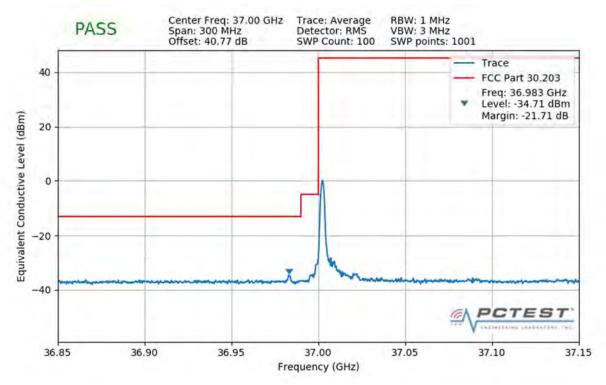


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Test Report S/N:	Test Dates:	EUT Type:		Dage 255 of 255
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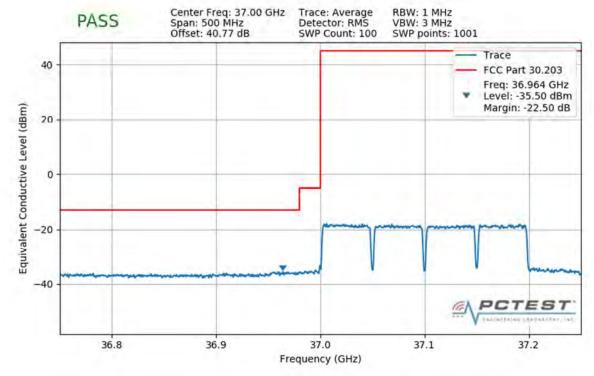




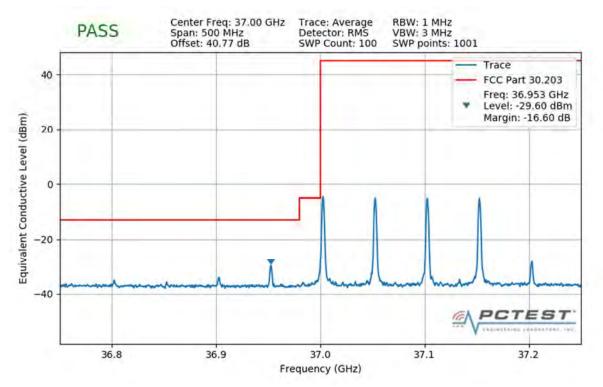


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Test Report S/N:	Test Dates:	EUT Type:		Dage 256 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 256 of 355
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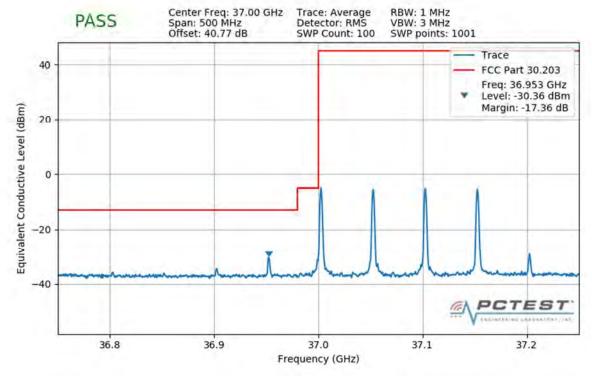




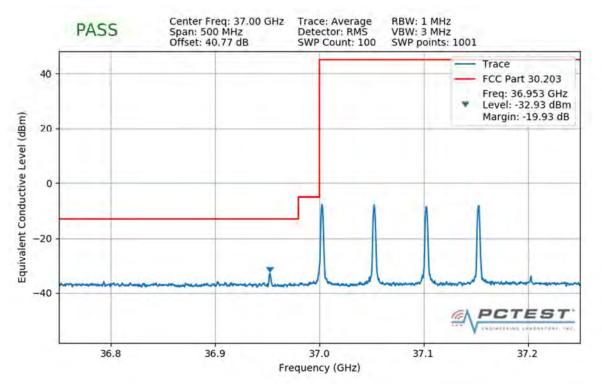


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Test Report S/N:	Test Dates:	EUT Type:		Dage 257 of 255
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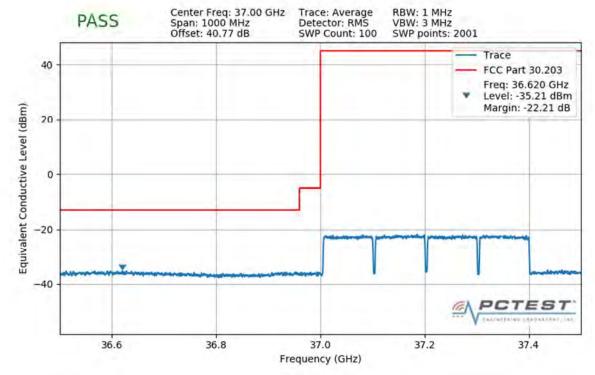




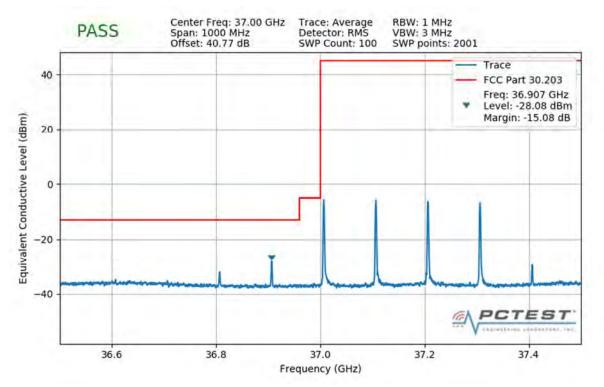


FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONS	Approved by: Quality Manager
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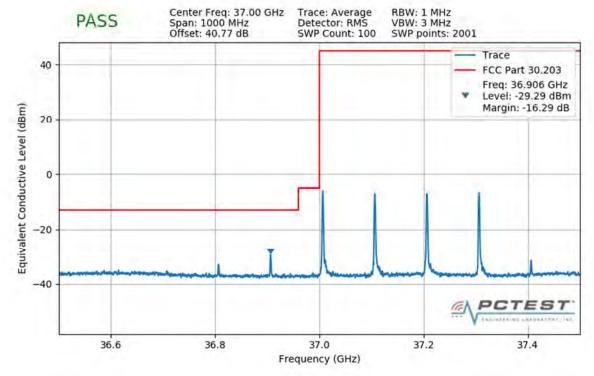




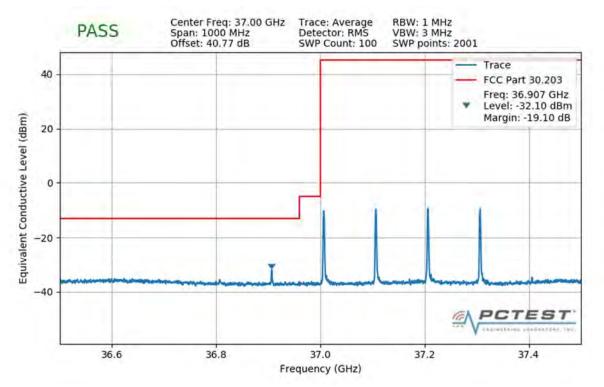


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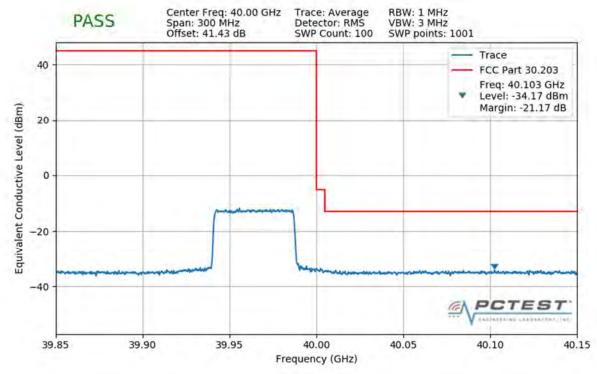




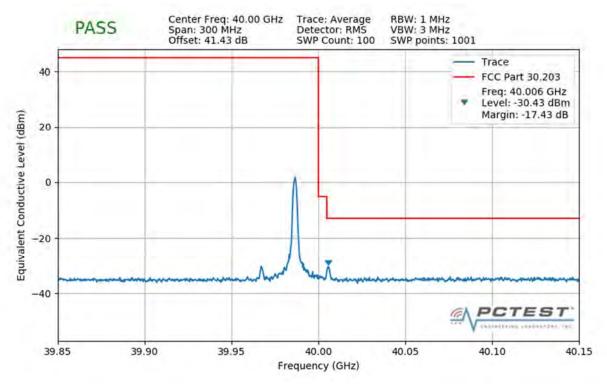


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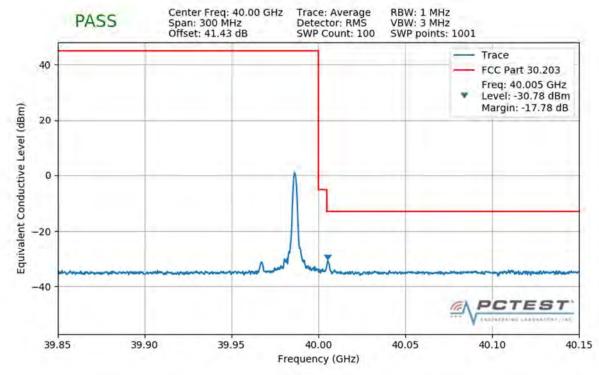




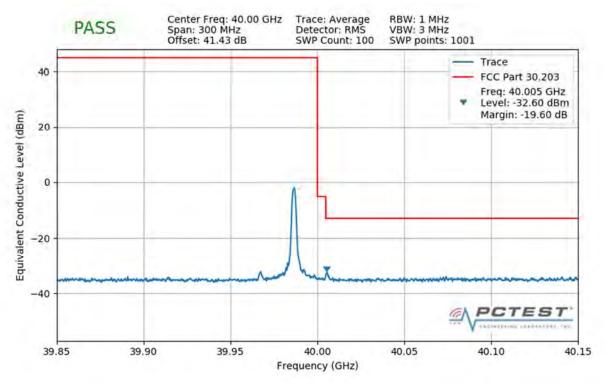


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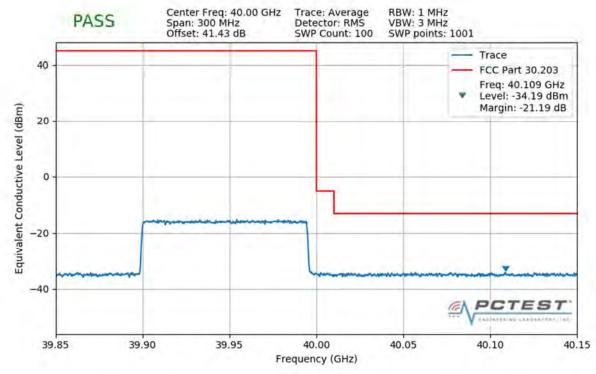




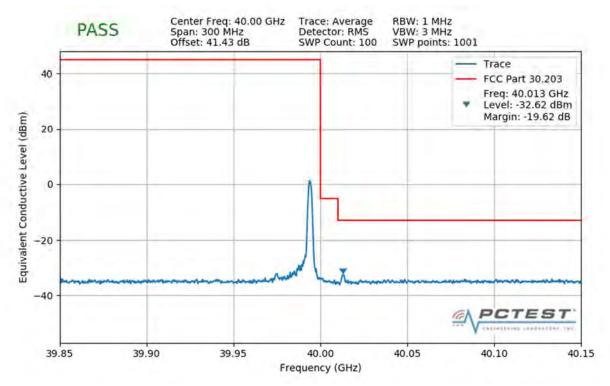


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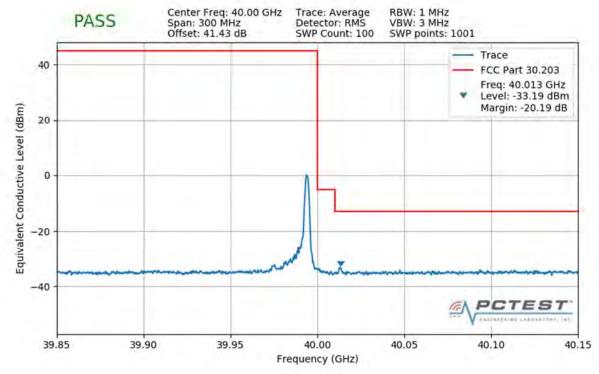




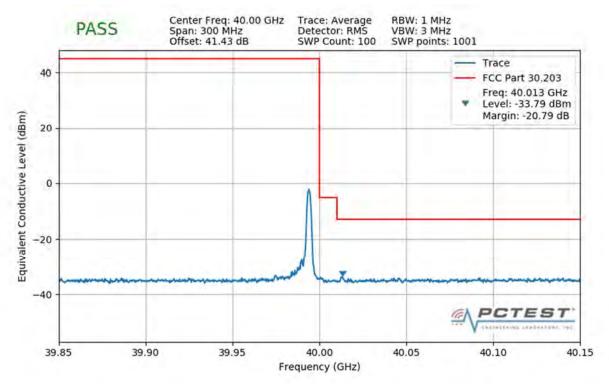
Plot 7-422. Upper Band Edge Plot (1CC 100MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONS	Approved by: Quality Manager
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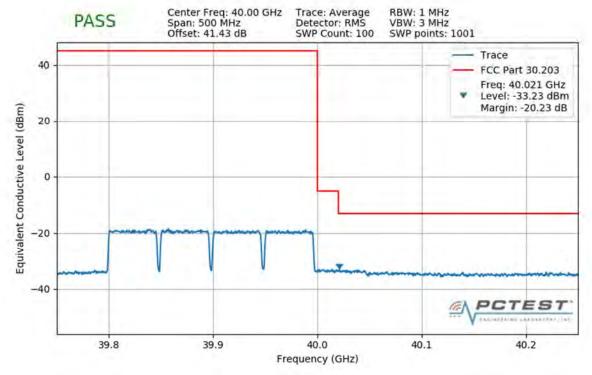




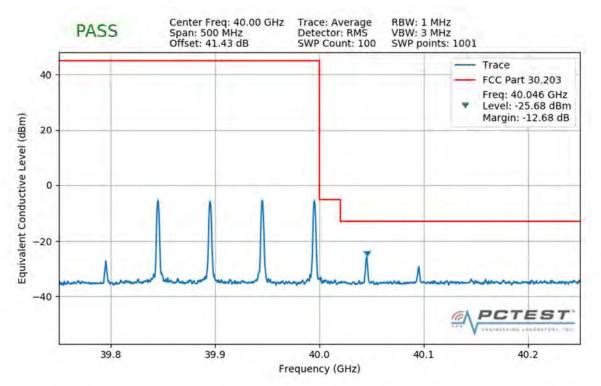
Plot 7-424. Upper Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
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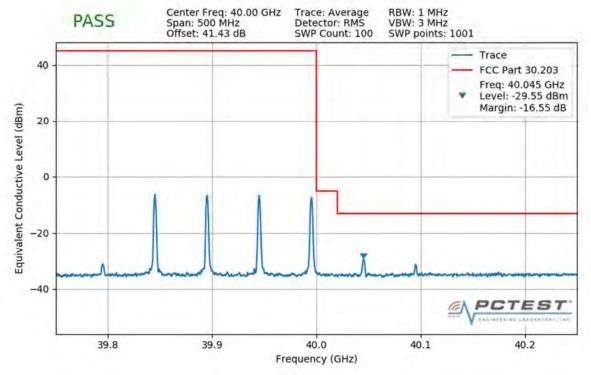




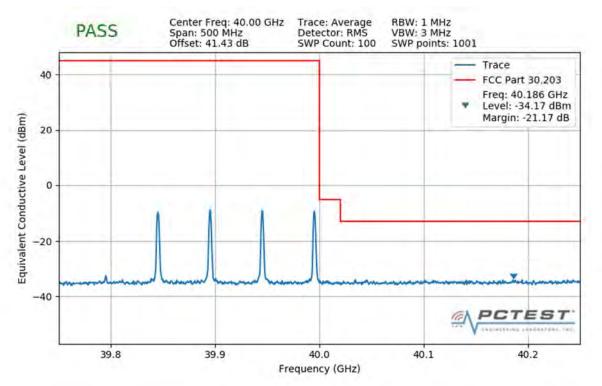


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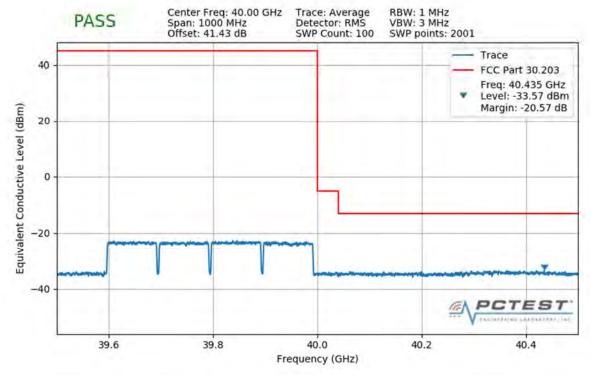




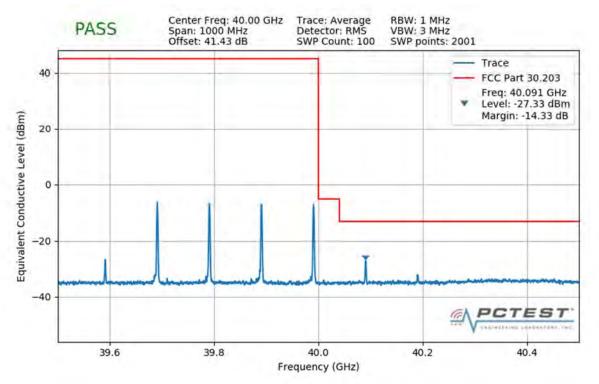


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Test Report S/N:	Test Dates:	EUT Type:		Dage 266 of 255
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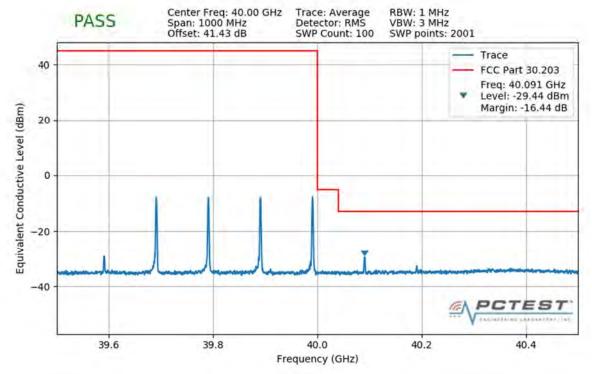




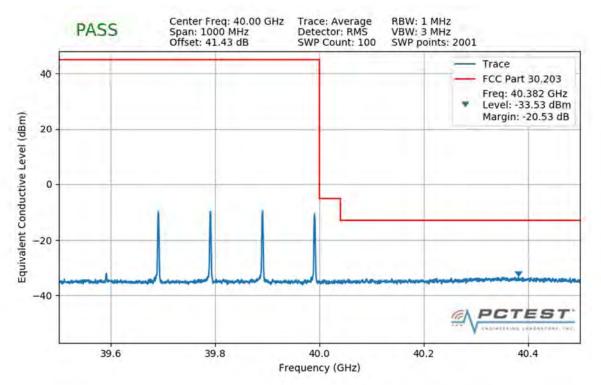


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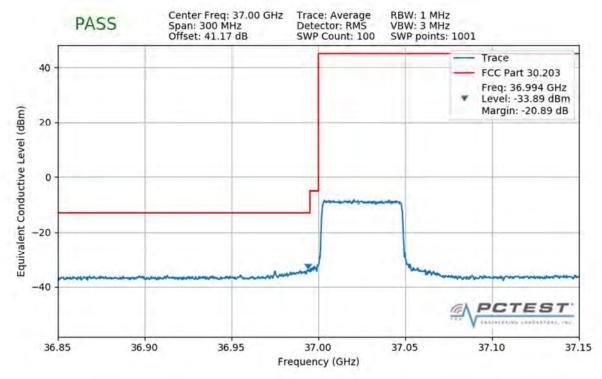




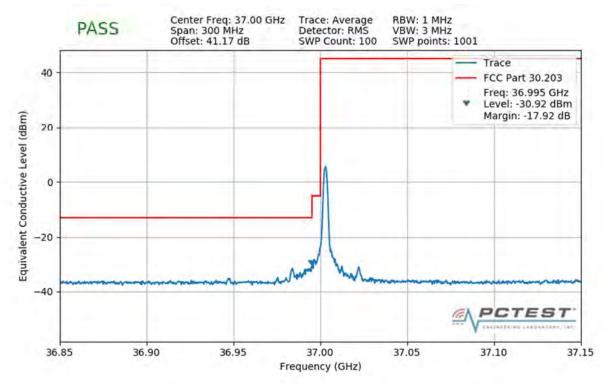


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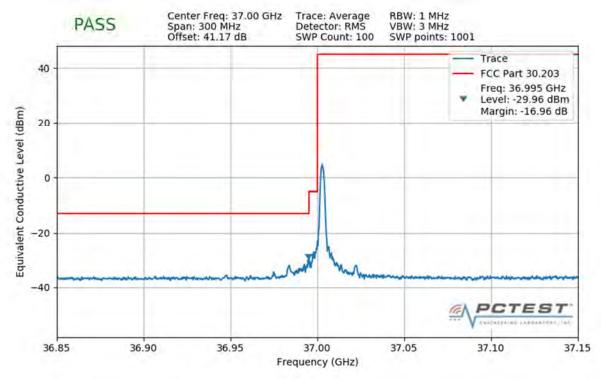




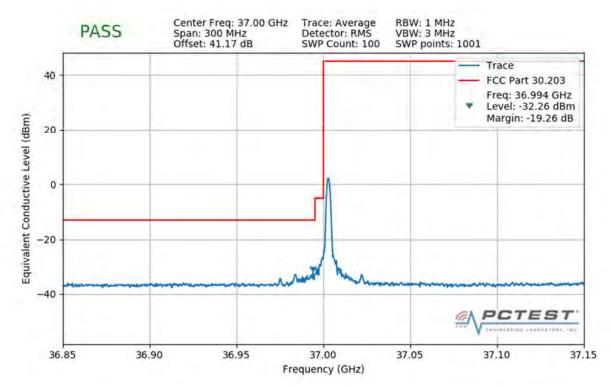
Plot 7-434. Lower Band Edge Plot (1CC	50MHz QPSK 1 RB)
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FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	Approved by: Quality Manager	
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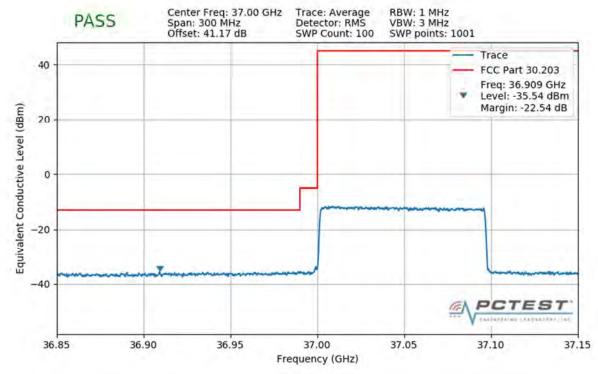




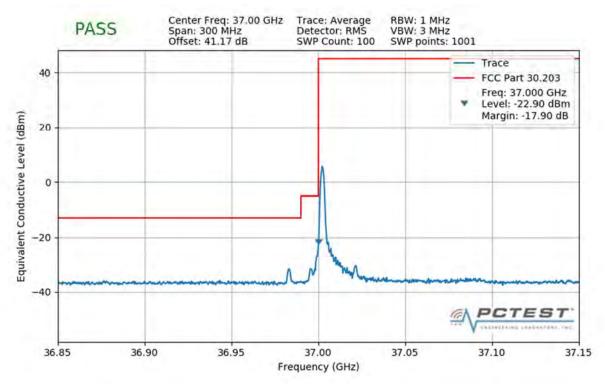
Plot 7-436. Lower Band Edge Plot (1CC 50MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONS	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 270 of 255	
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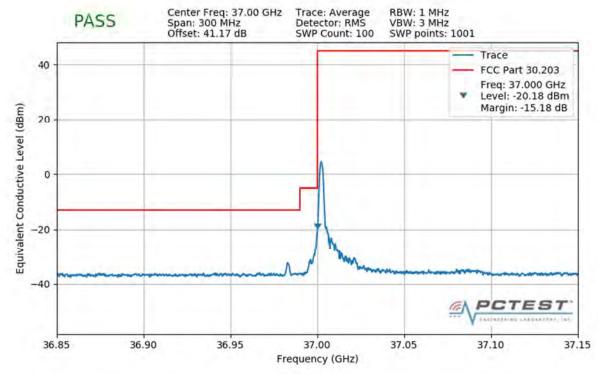




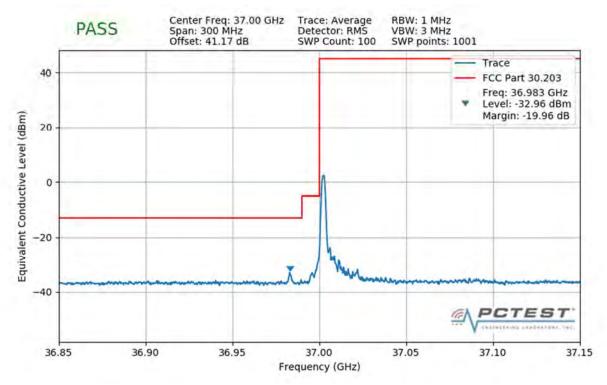


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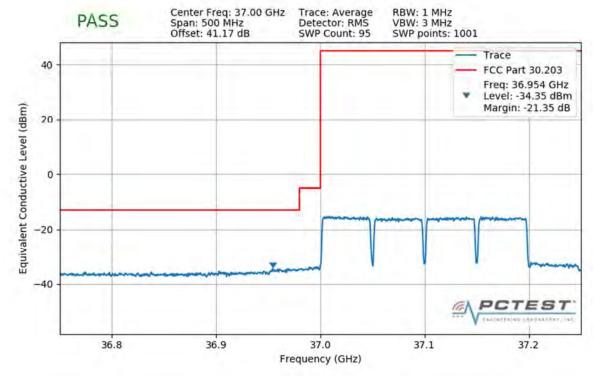




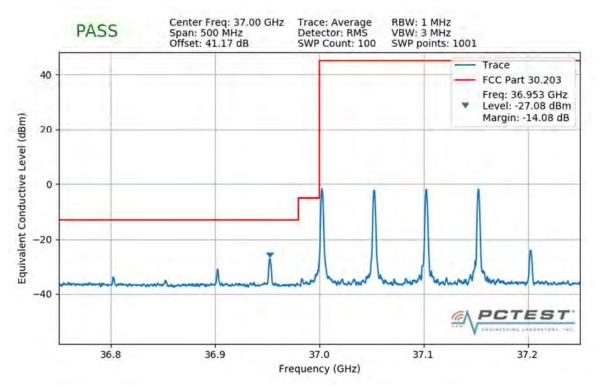


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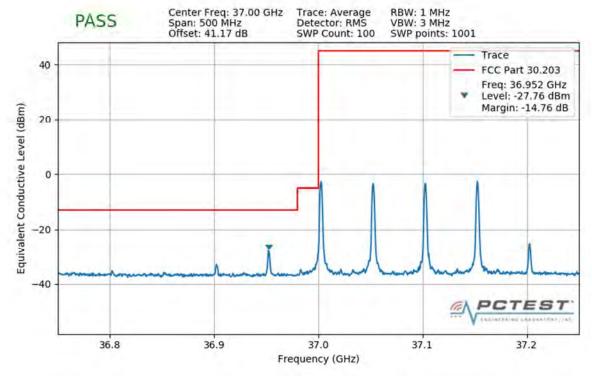




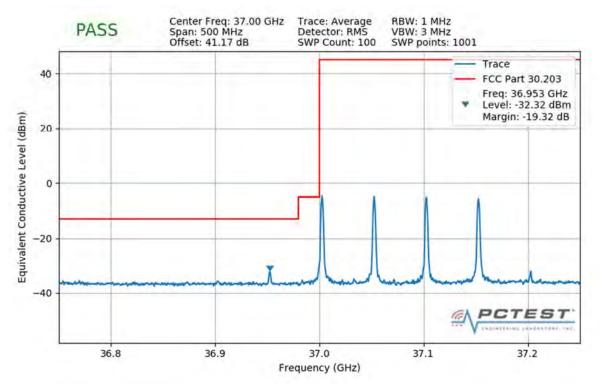


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Test Report S/N:	Test Dates:	EUT Type:		Dage 072 of 255
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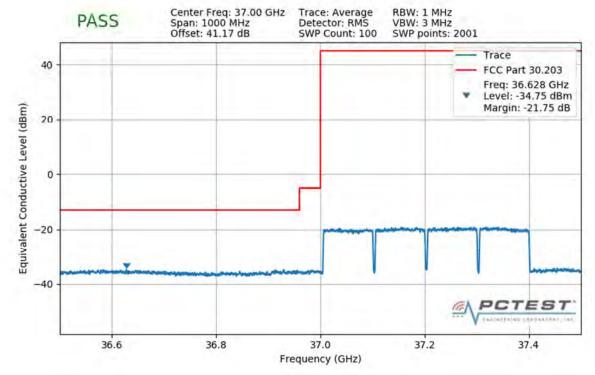




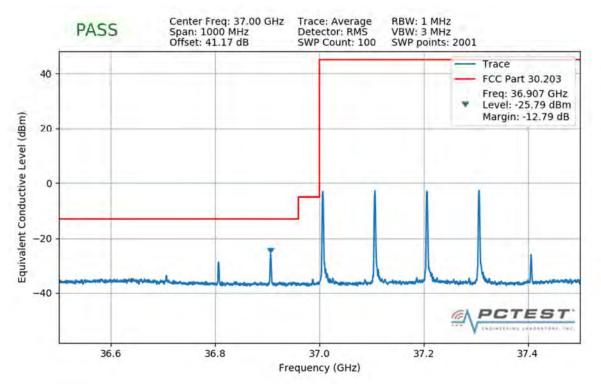


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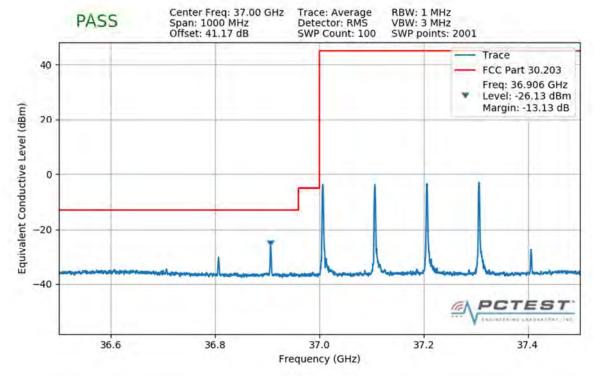




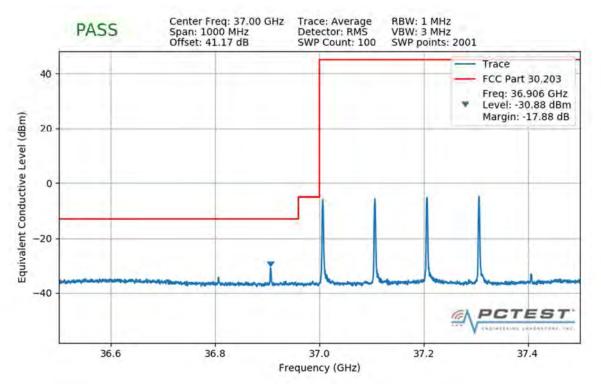


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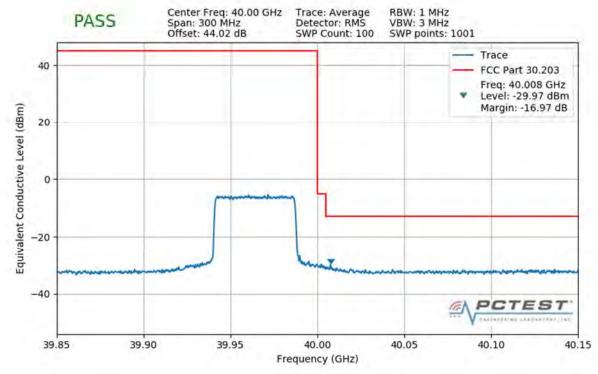




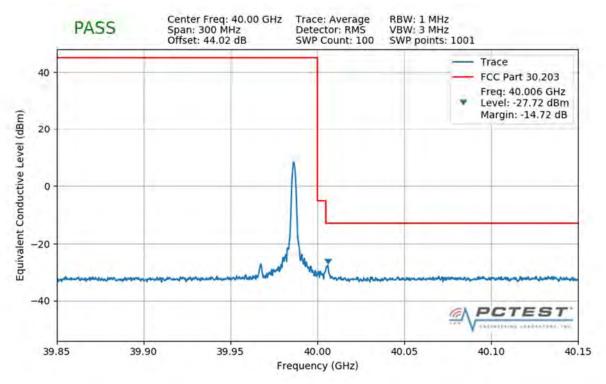


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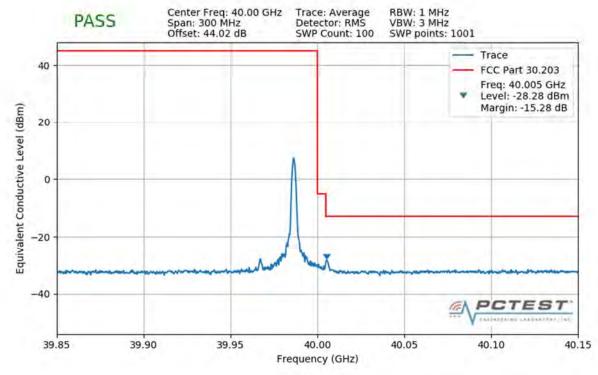




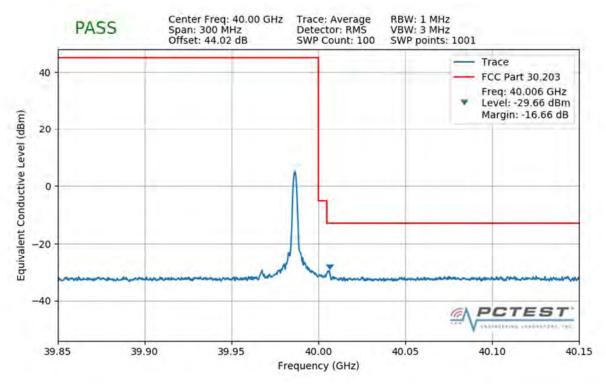
Plot 7-450. Upper Band Edge Plot (1CC 50MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager	
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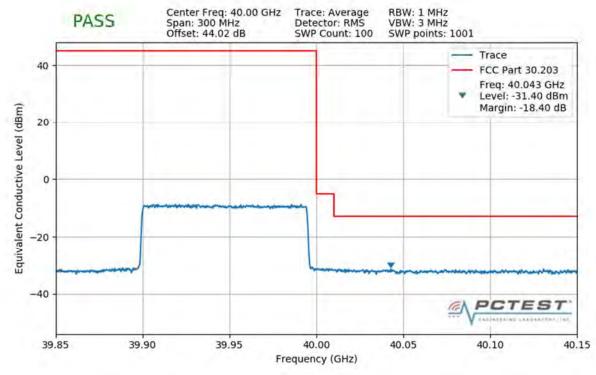




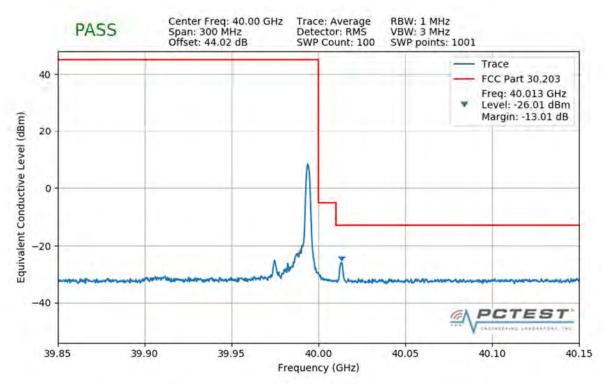


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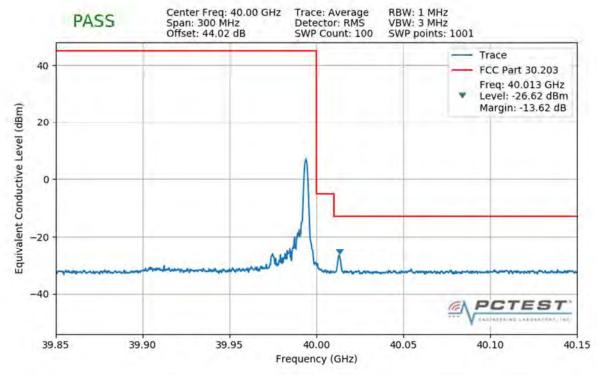




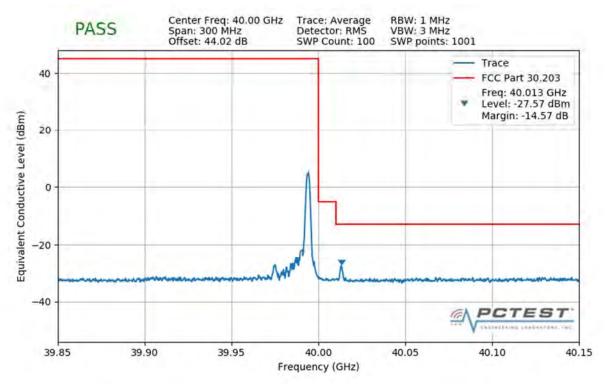


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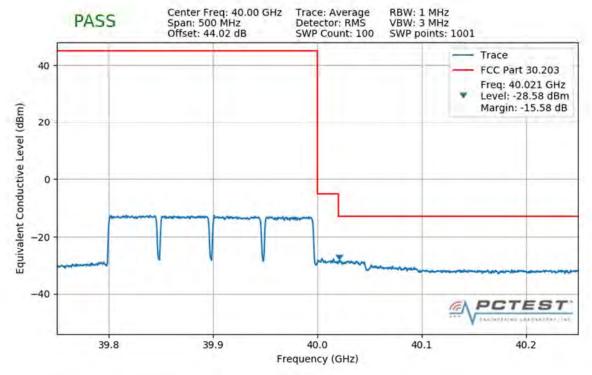




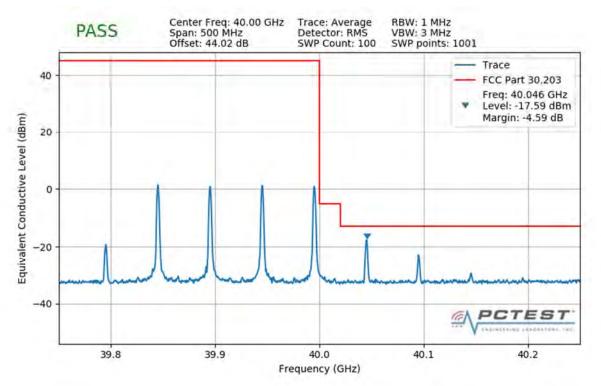
Plot 7-456. Upper Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 255		
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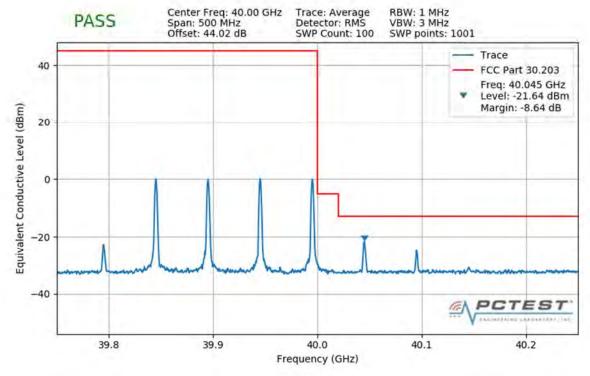




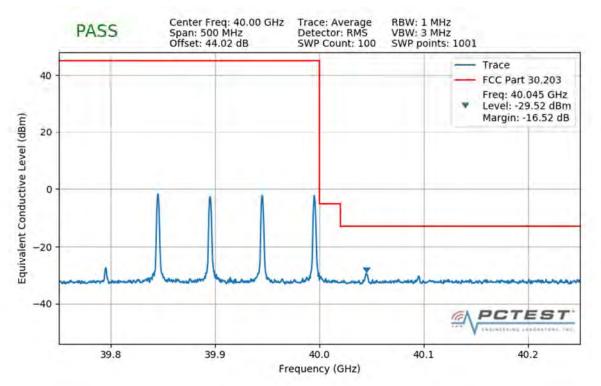


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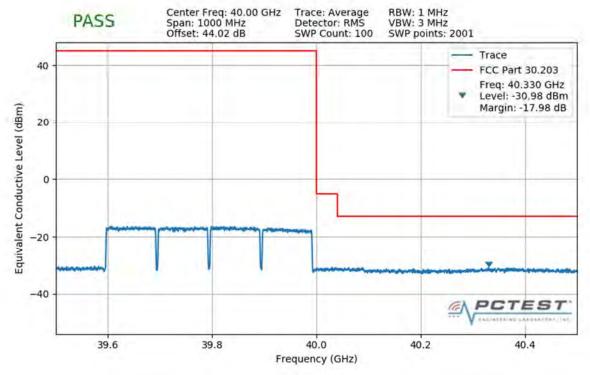




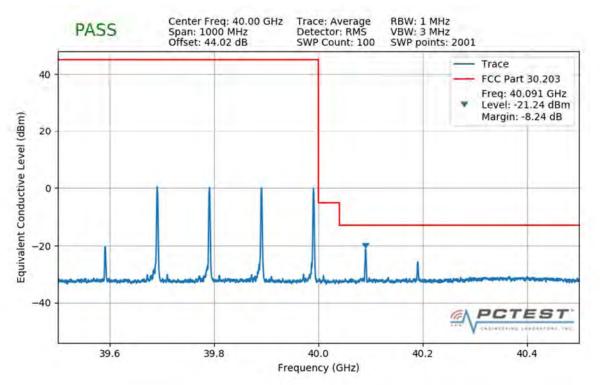


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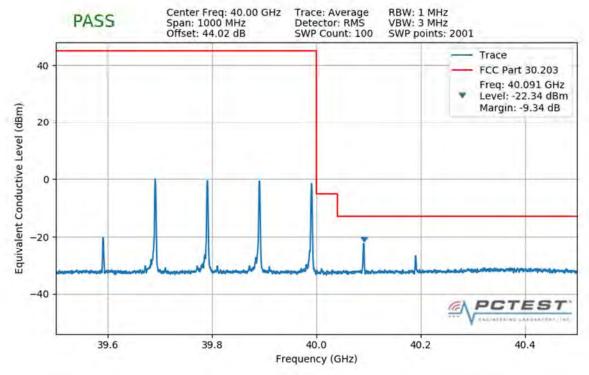




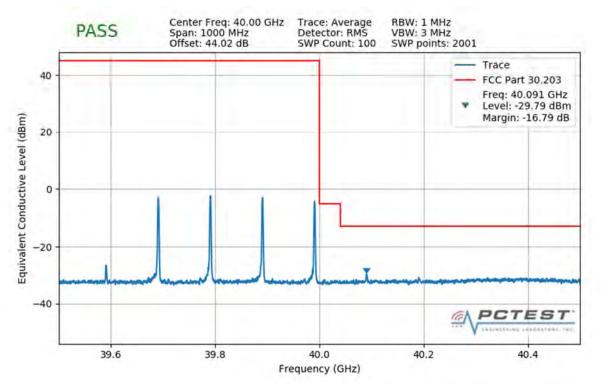


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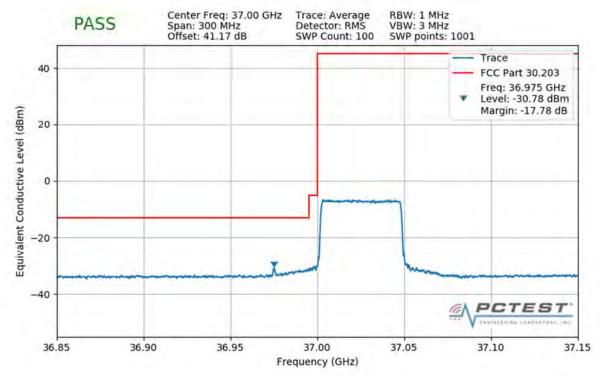




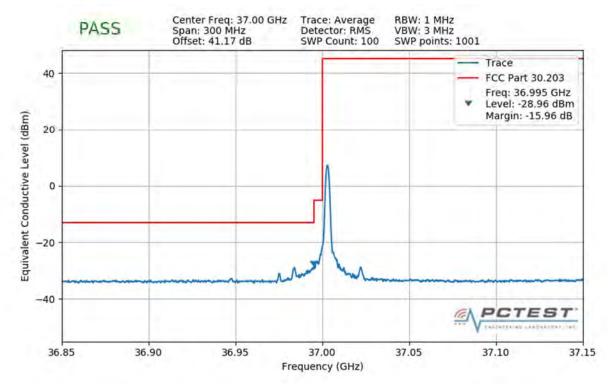


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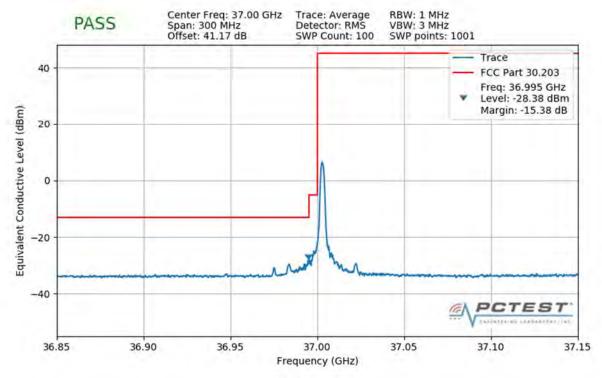




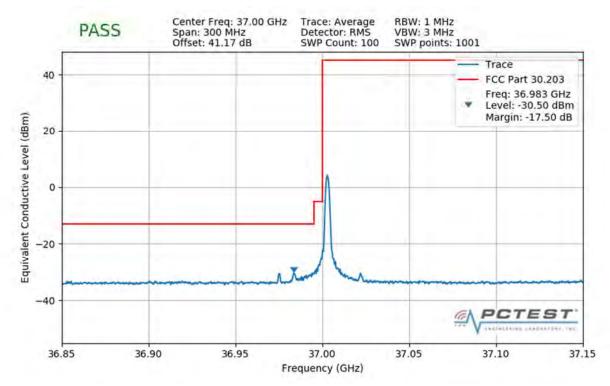
Plot 7-466. Lower Band Edge Plot (1CC	50MHz QPSK 1 RB)
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FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONG	Approved by: Quality Manager
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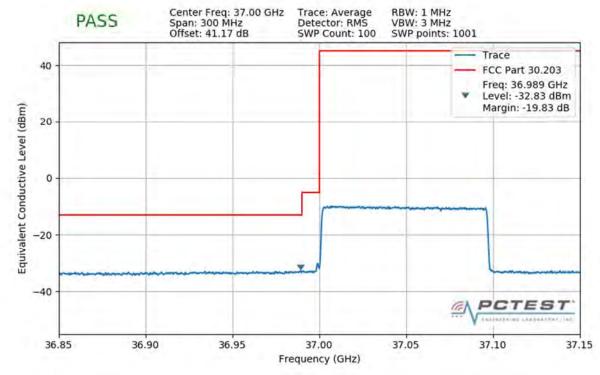




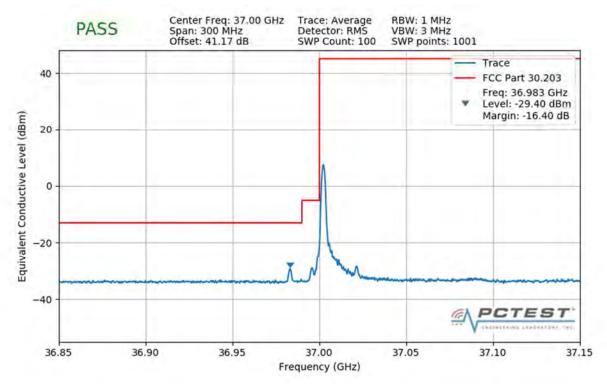
Plot 7-468. Lower Band Edge Plot (1CC 50MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
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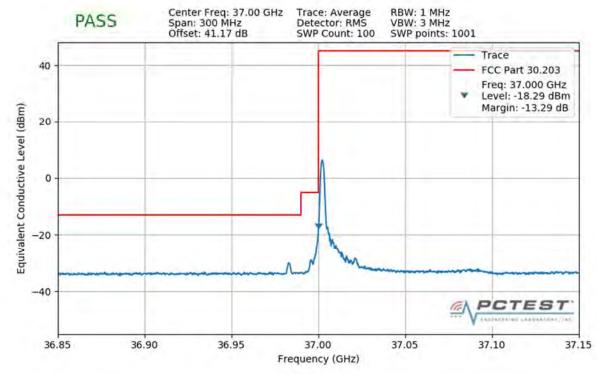




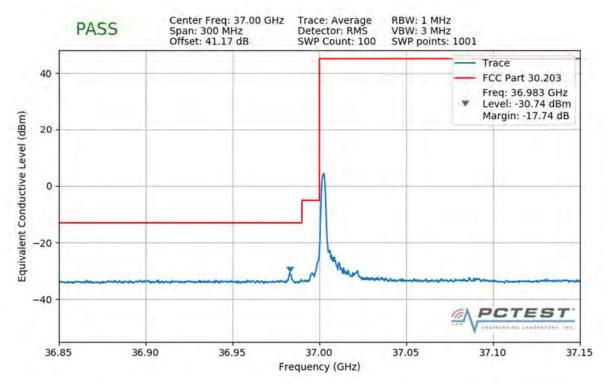


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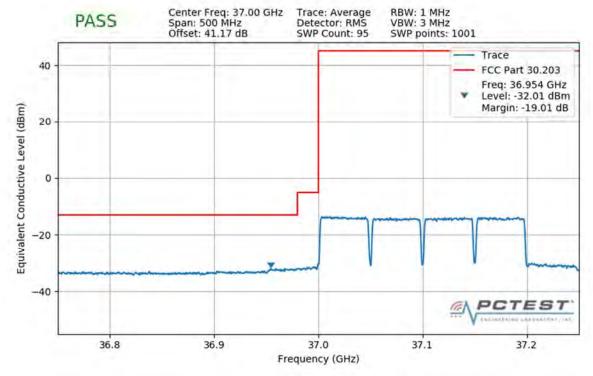




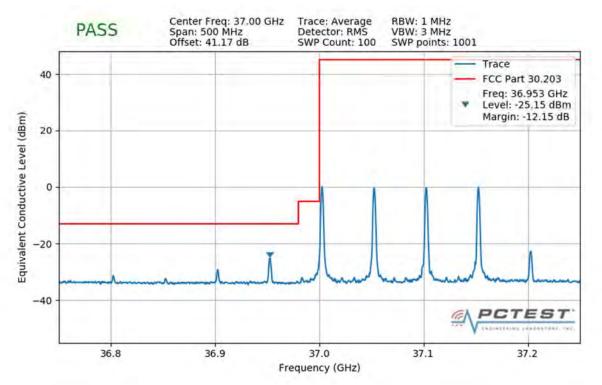
Plot 7-472. Lower Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONS	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 255	
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 288 of 355	
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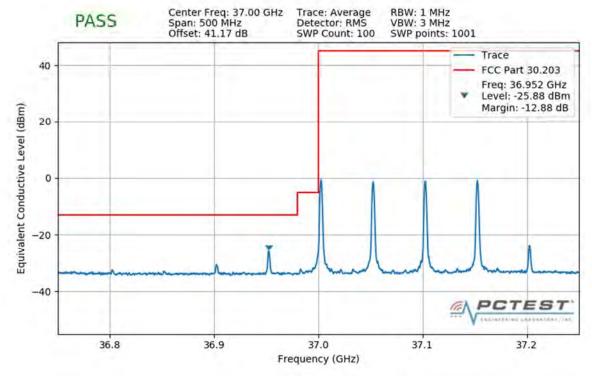




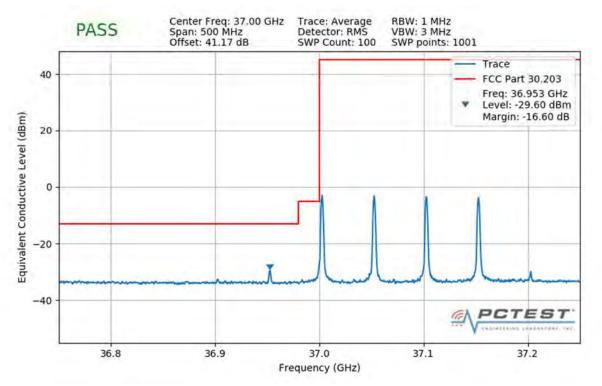


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Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 289 of 355
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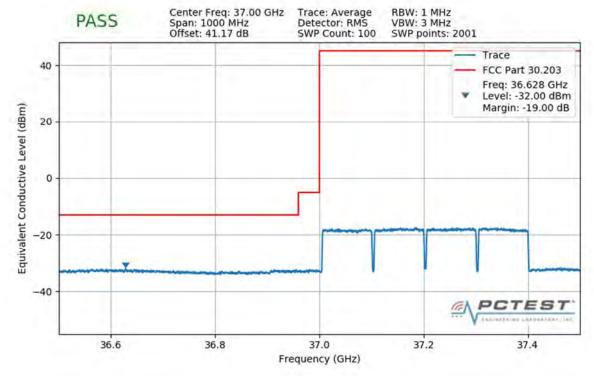




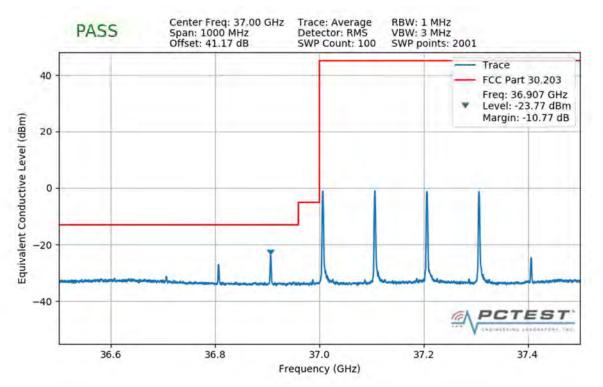


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Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 290 of 355
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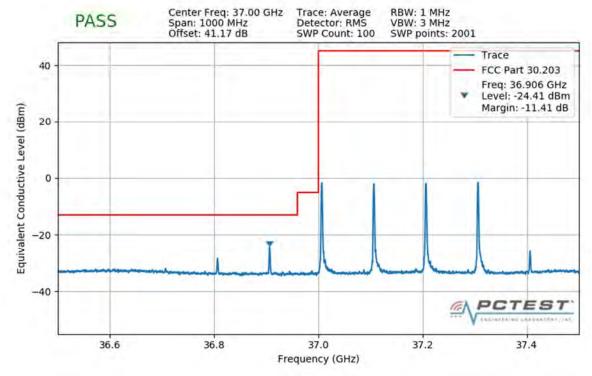




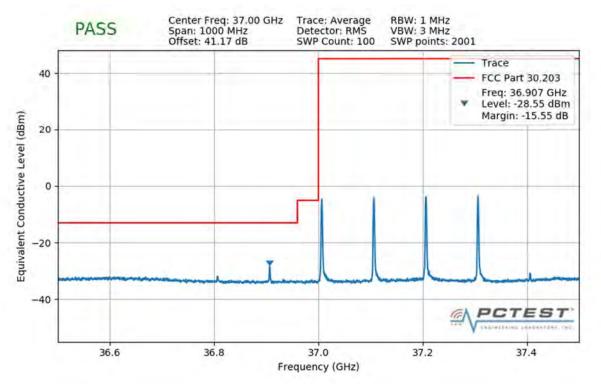


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Test Report S/N:	Test Dates:	EUT Type:		Dage 201 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 291 of 355
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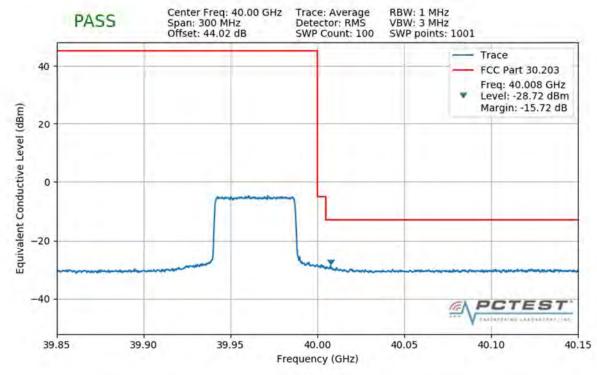




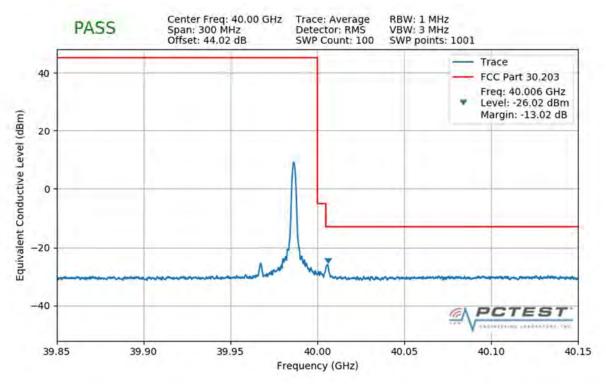


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Test Report S/N:	Test Dates:	EUT Type:		Dage 202 of 255
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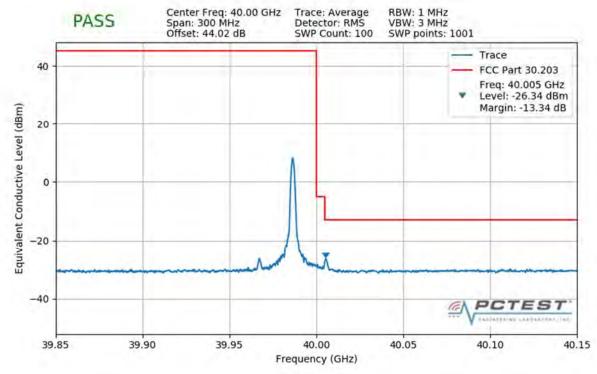




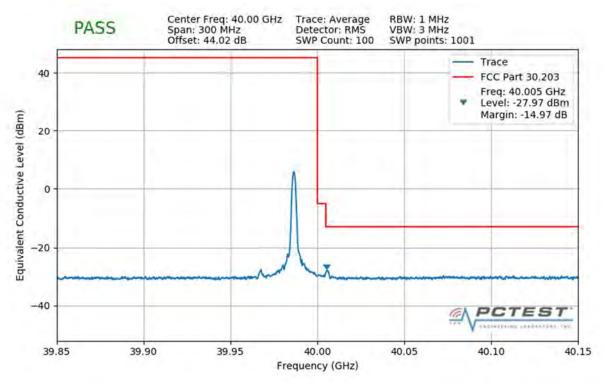


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Test Report S/N:	Test Dates:	EUT Type:		Dage 202 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 293 of 355
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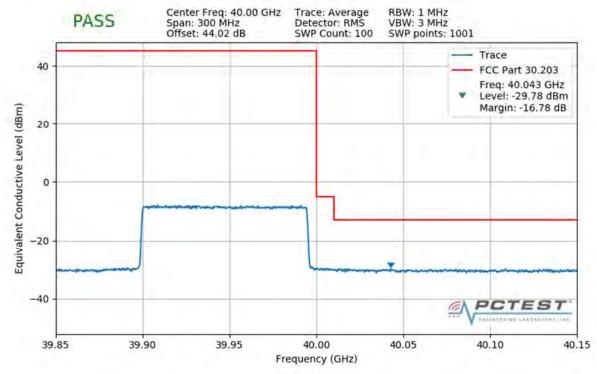




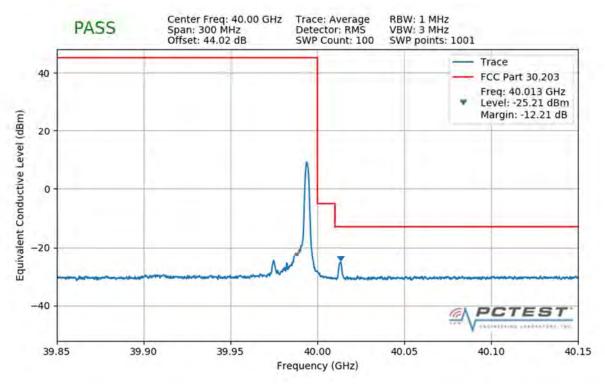


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Test Report S/N:	Test Dates:	EUT Type:		Dage 204 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 294 of 355
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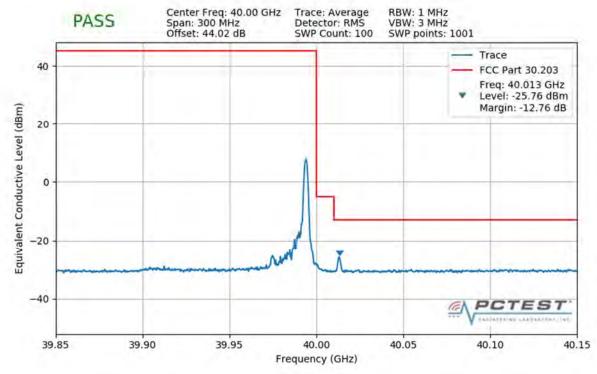




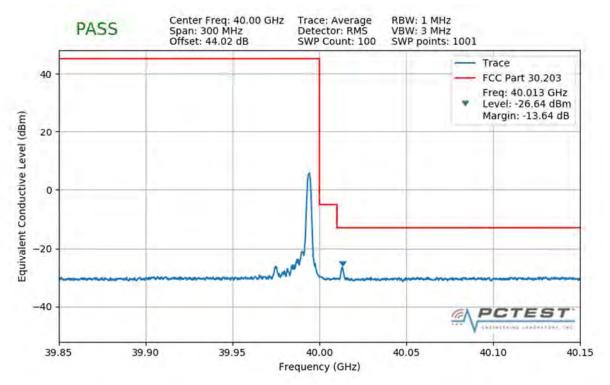


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Test Report S/N:	Test Dates:	EUT Type:		Dage 205 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 295 of 355
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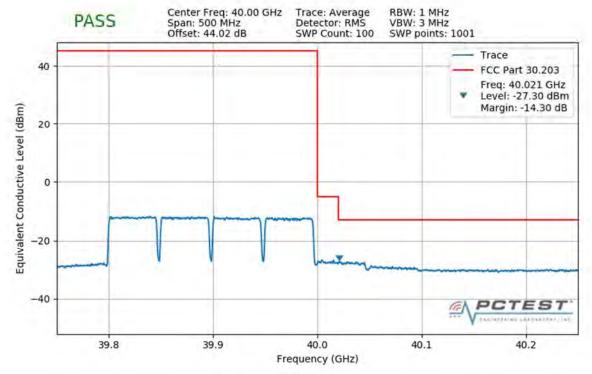




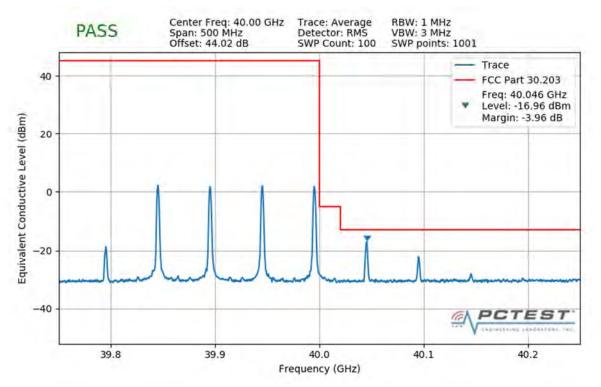


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Test Report S/N:	Test Dates:	EUT Type:		Dage 206 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 296 of 355
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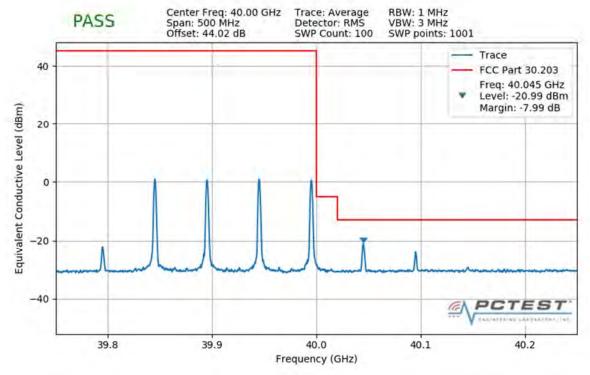




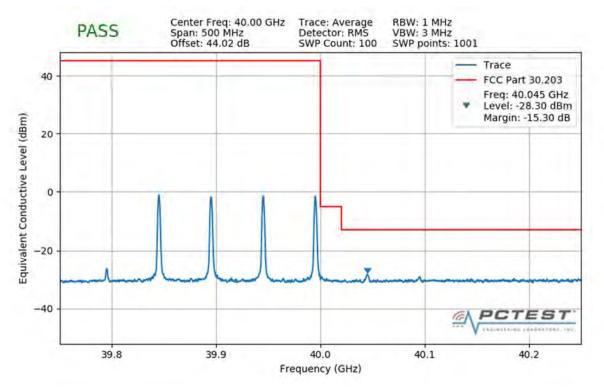


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Test Report S/N:	Test Dates:	EUT Type:		Dage 207 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 297 of 355
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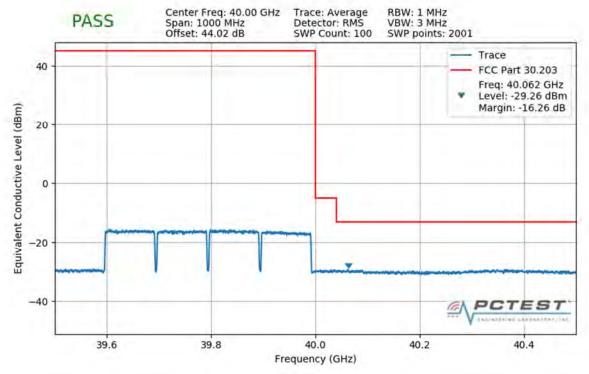




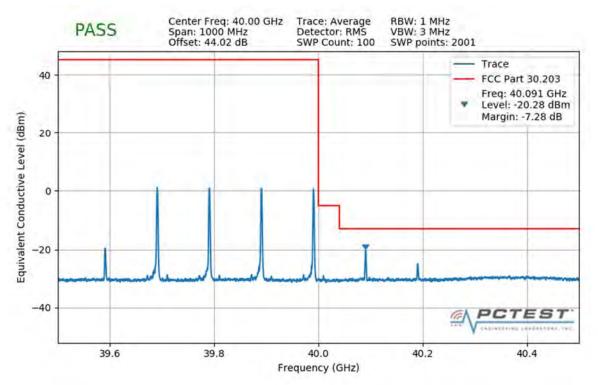


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Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 255	
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 298 of 355	
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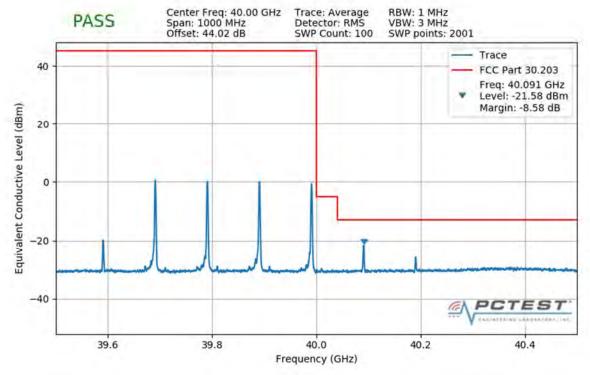




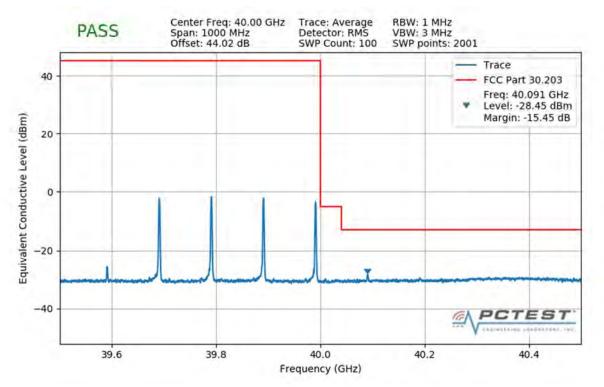


FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Page 299 of 355	
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset			
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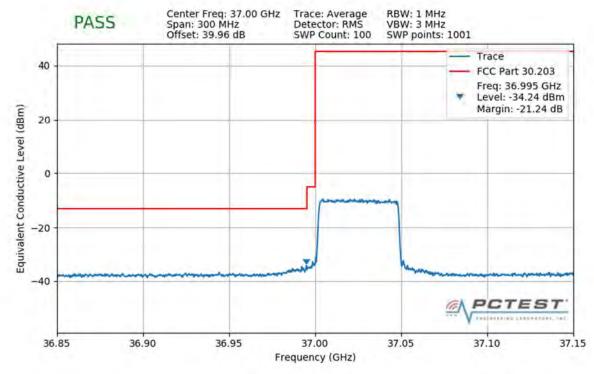




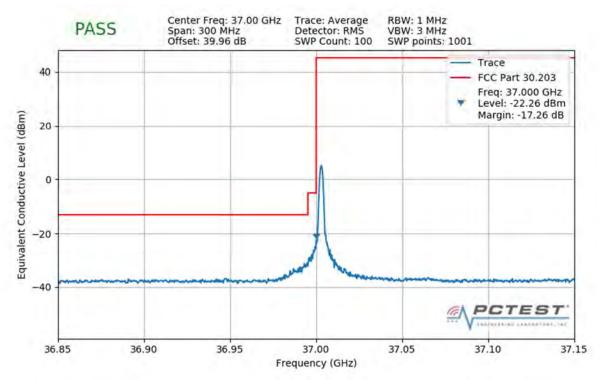
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Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 255
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7.5.5 L Patch Band Edge H Beam



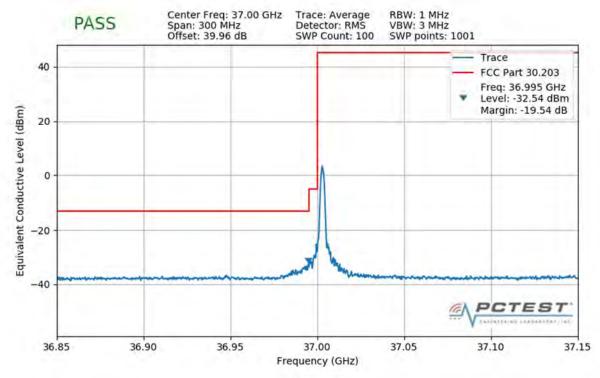




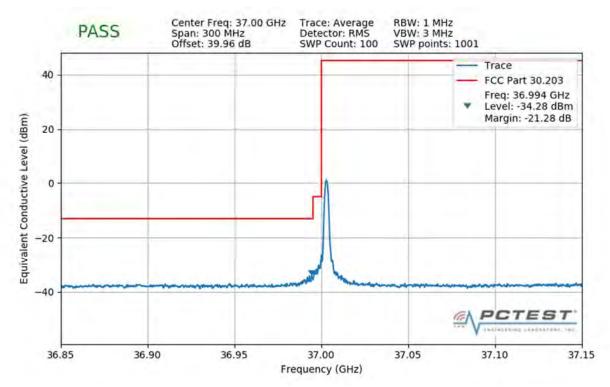
Plot 7-498. Lower Band Edge Plot (1CC 50MHz QPSK 1 RB)

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Test Report S/N:	Test Dates:	EUT Type:		Dage 201 of 255
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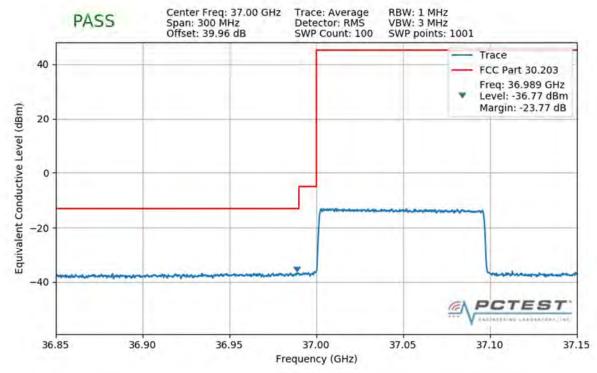




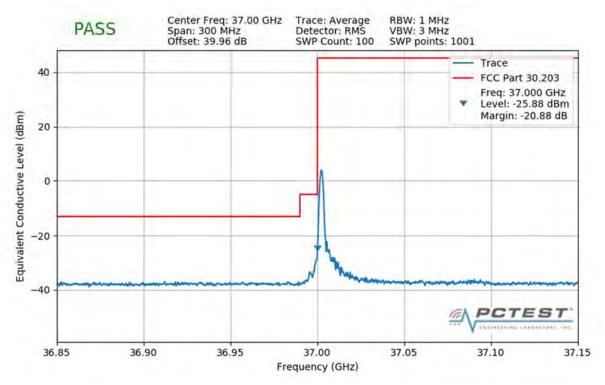
Plot 7-500. Lower Band Edge Plot (1CC 50MHz 64QAM 1 RB)

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Test Report S/N:	Test Dates:	EUT Type:		Dage 202 of 255	
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 302 of 355	
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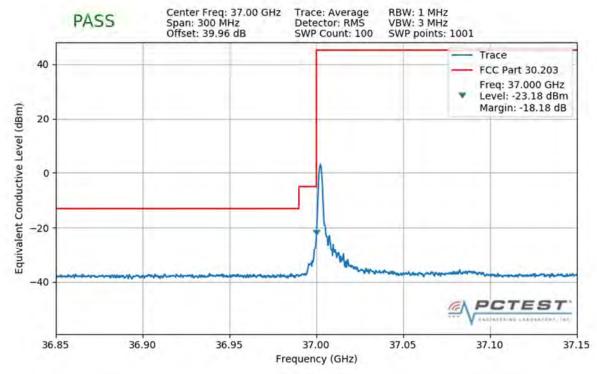




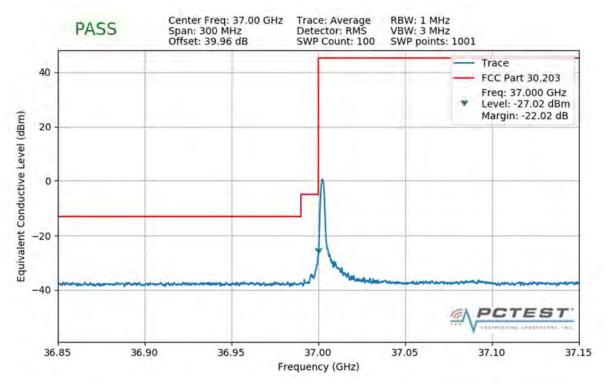
Plot 7-502. Lower Band Edge Plot (1CC 100MHz QPSK 1 RB)

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Test Report S/N:	Test Dates:	EUT Type:		Dage 202 of 255	
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 303 of 355	
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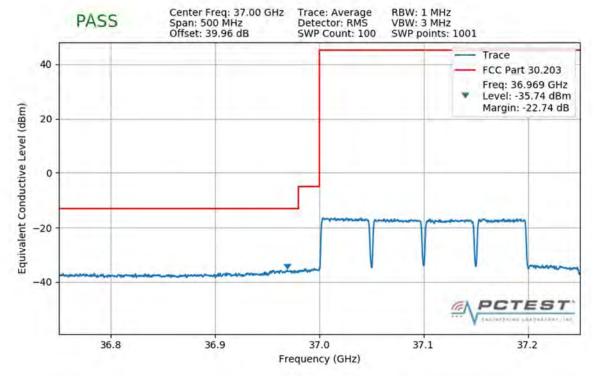




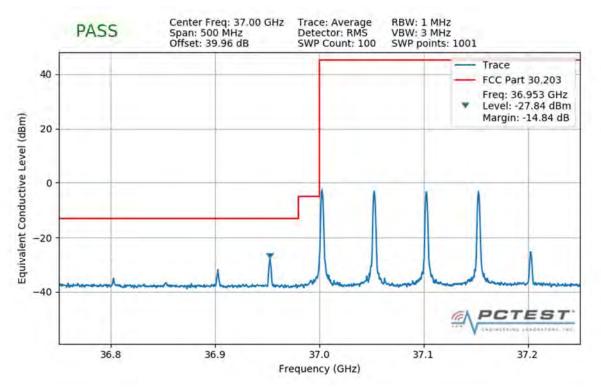
Plot 7-504. Lower Band Edge Plot (1CC 100MHz 64QAM 1 RB)

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Test Report S/N:	Test Dates:	EUT Type:		Dage 204 of 255	
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 304 of 355	
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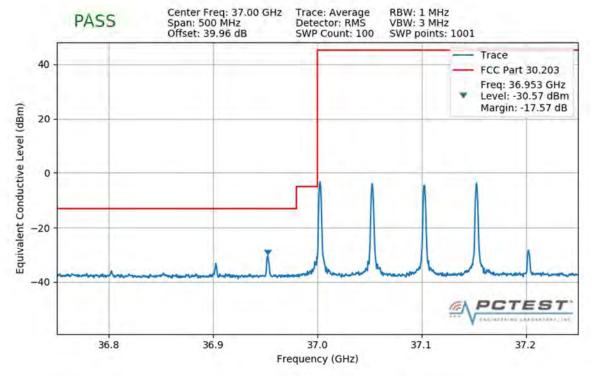




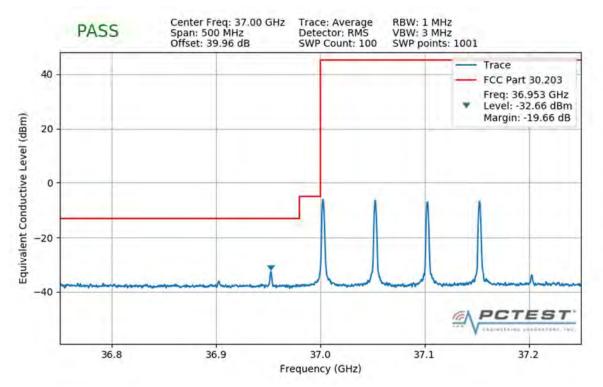


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1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 305 of 355
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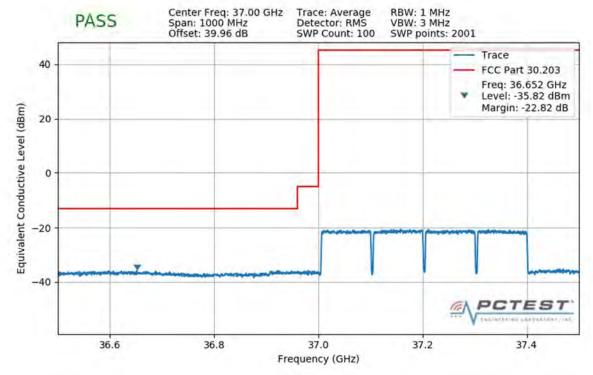




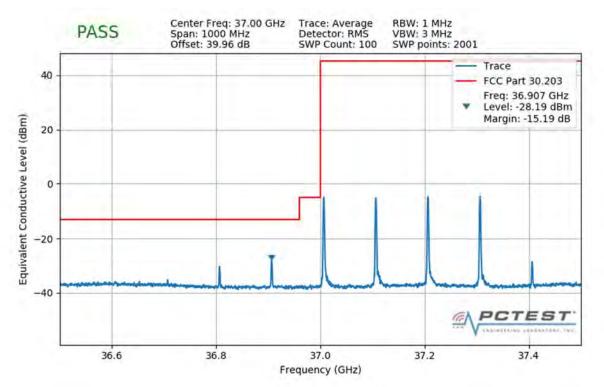


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1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 306 of 355
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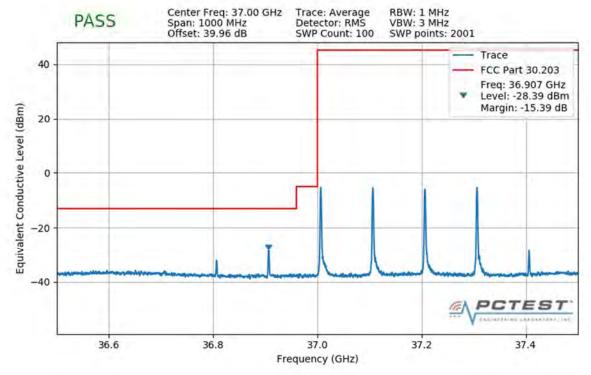




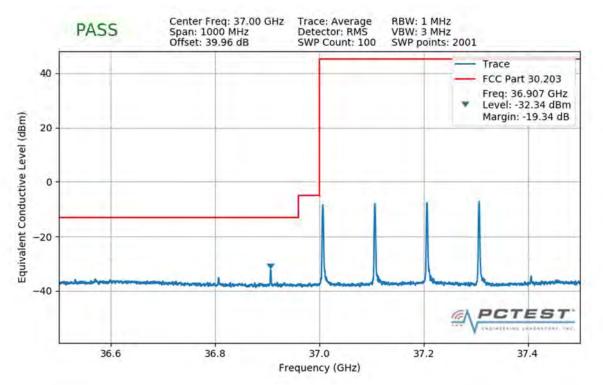


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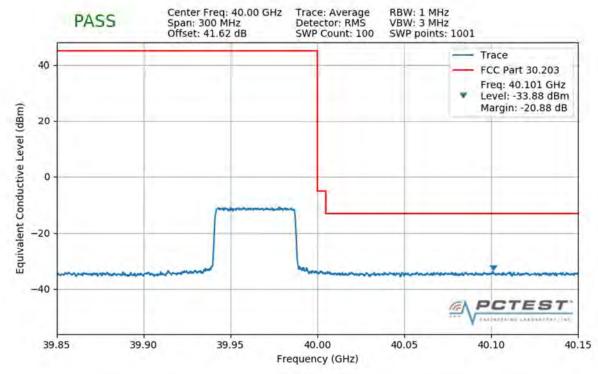




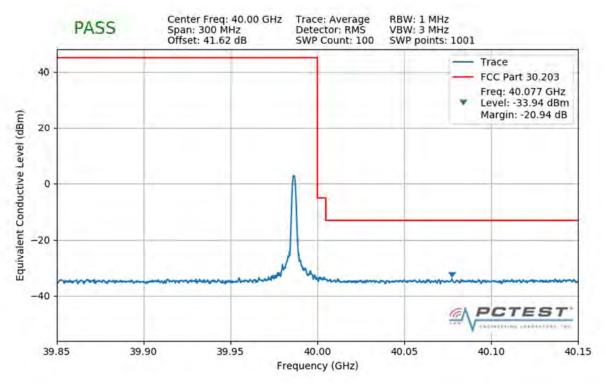


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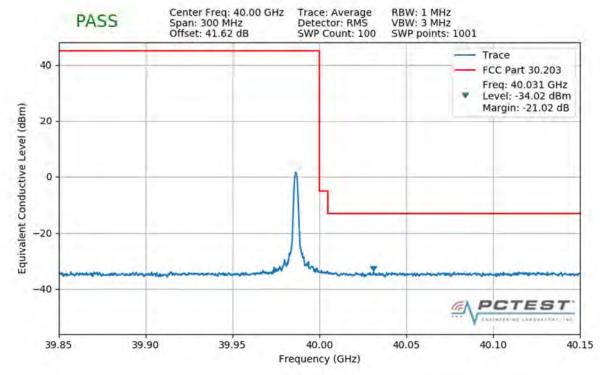




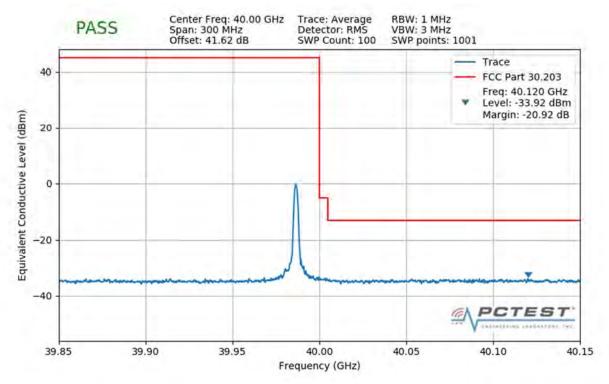


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Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 309 of 355
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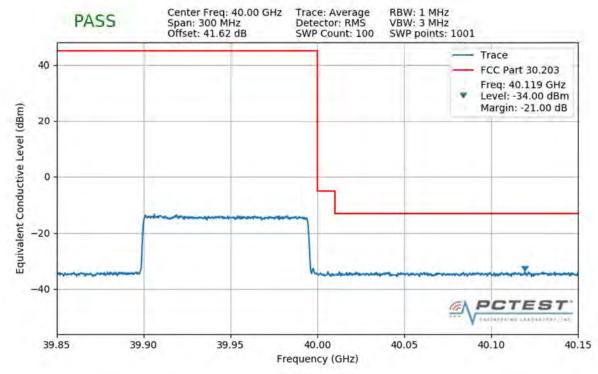




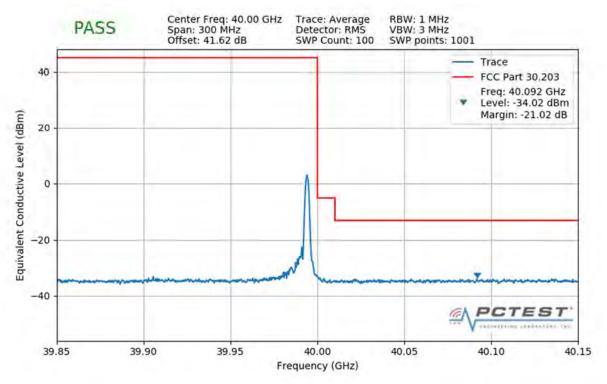


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1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 310 of 355
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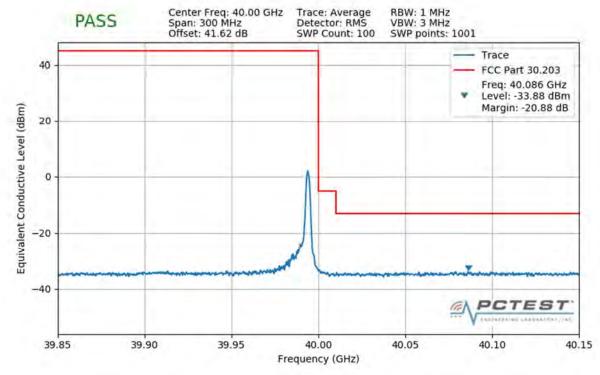




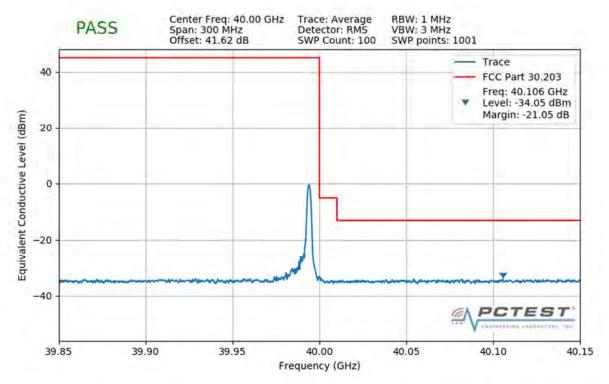


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Test Report S/N:	Test Dates:	EUT Type:		Dage 211 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 311 of 355
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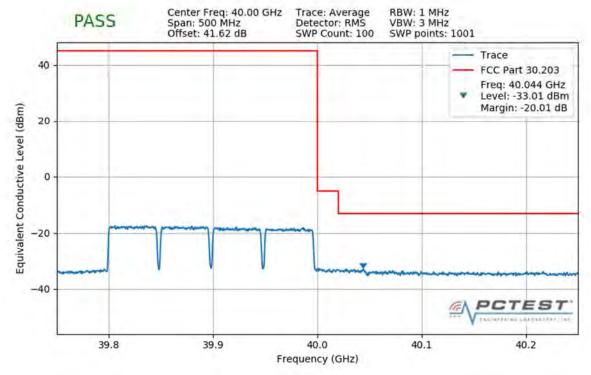




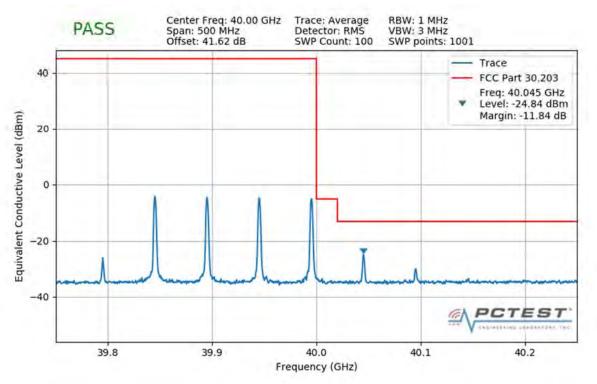
Plot 7-520. Upper Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 212 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 312 of 355
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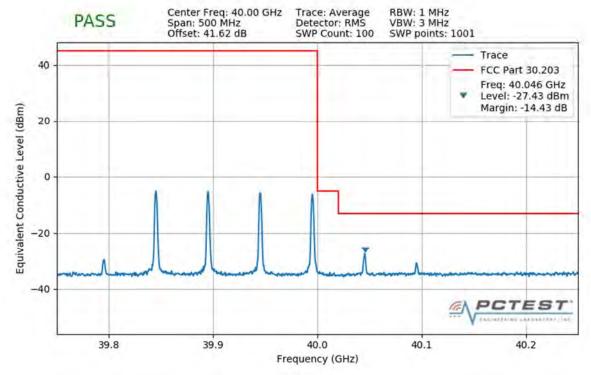




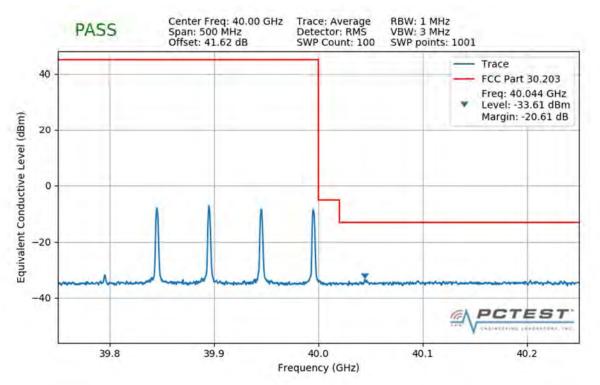


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Test Report S/N:	Test Dates:	EUT Type:		Dage 212 of 255
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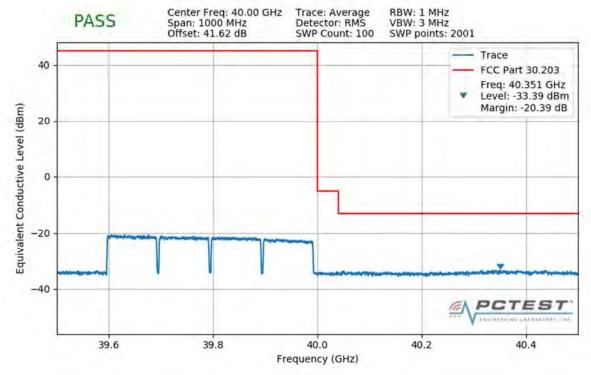




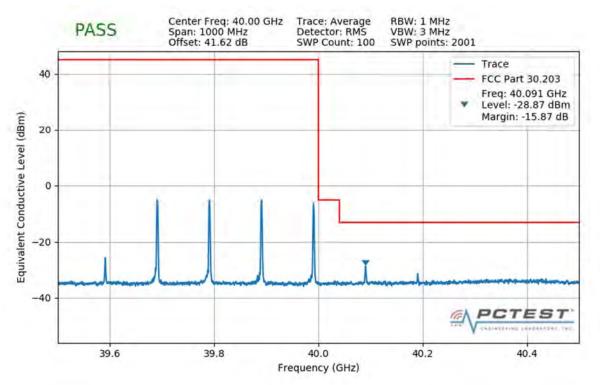


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Test Report S/N:	Test Dates:	EUT Type:		Dage 214 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 314 of 355
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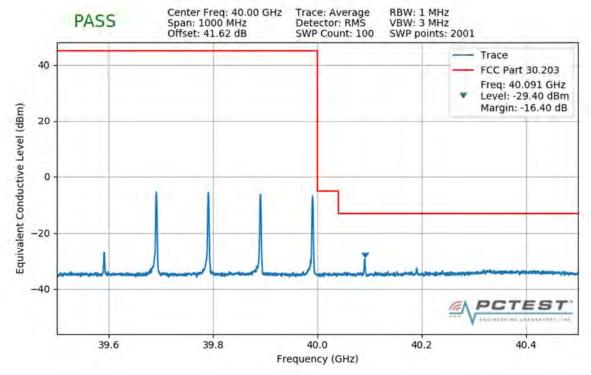




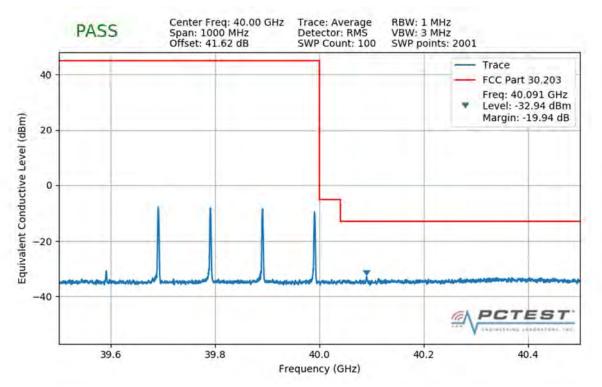


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Test Report S/N:	Test Dates:	EUT Type:		Dage 215 of 255
1M1904050053-02.A3L	03/19/2018 - 04/09/2019	Portable Handset		Page 315 of 355
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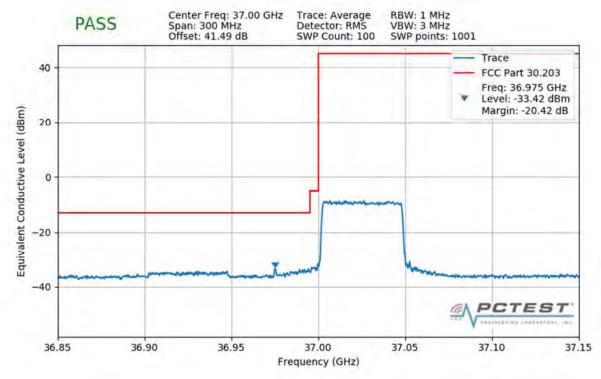




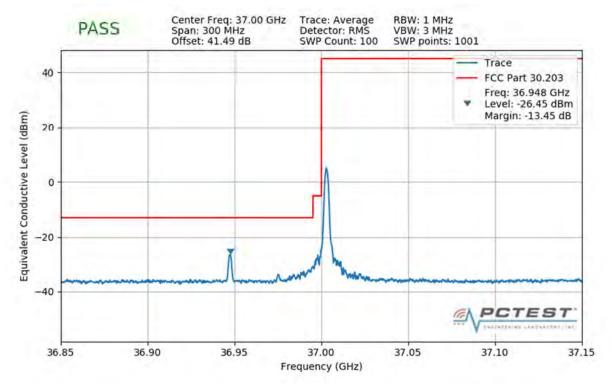


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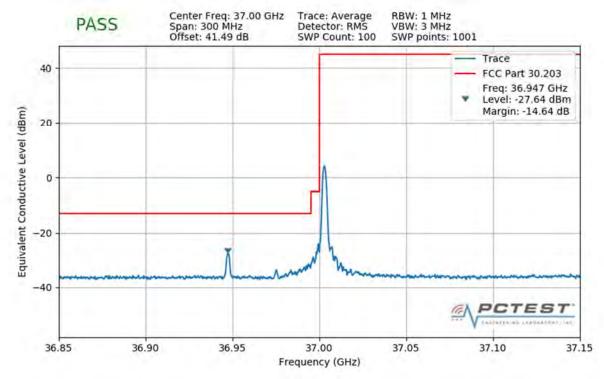




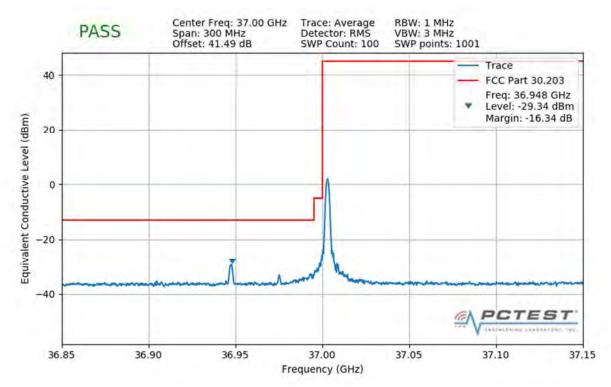


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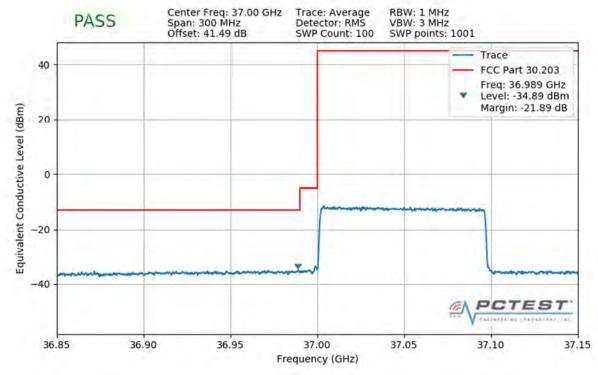




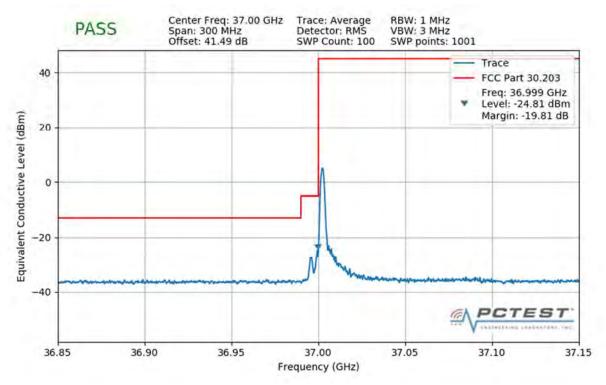
Plot 7-532. Lower Band Edge Plot (1CC 50MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONS	Approved by: Quality Manager	
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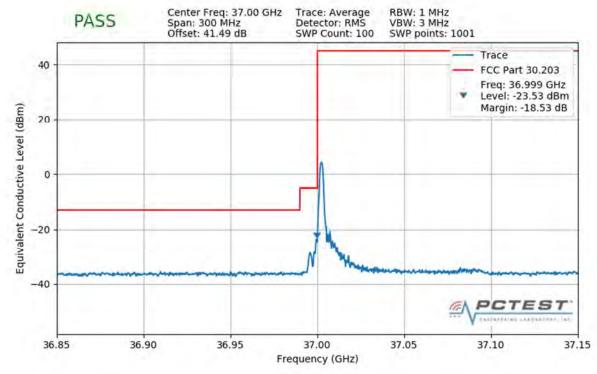




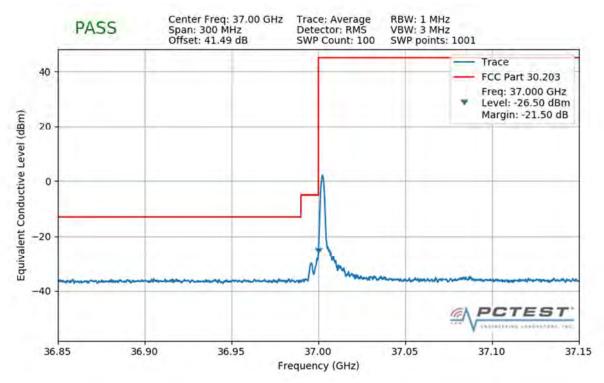


FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 210 of 255
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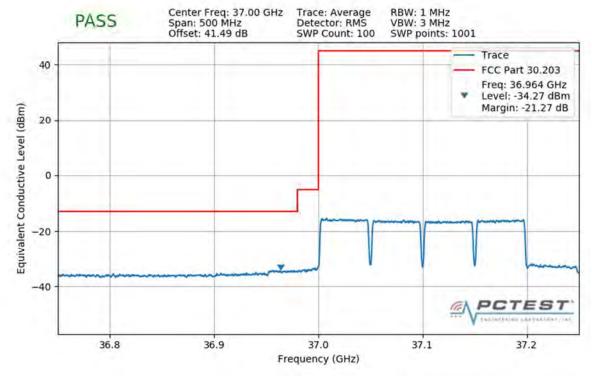




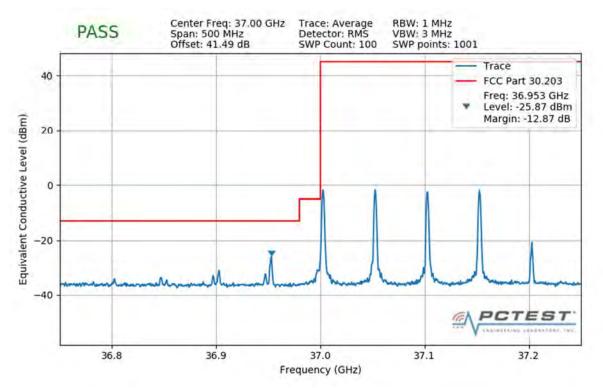


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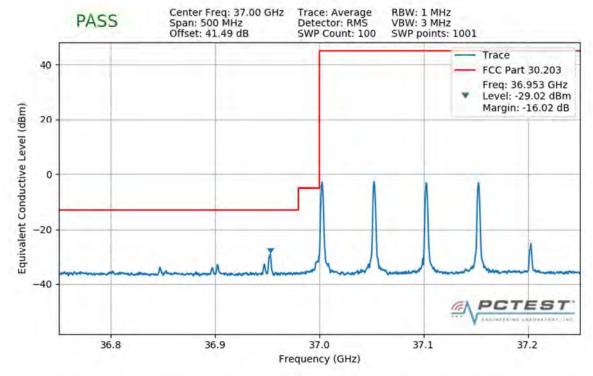




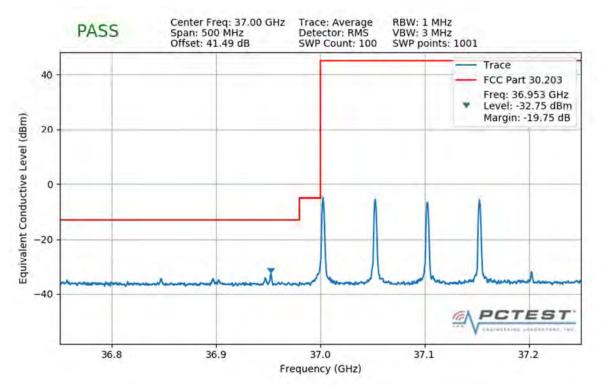


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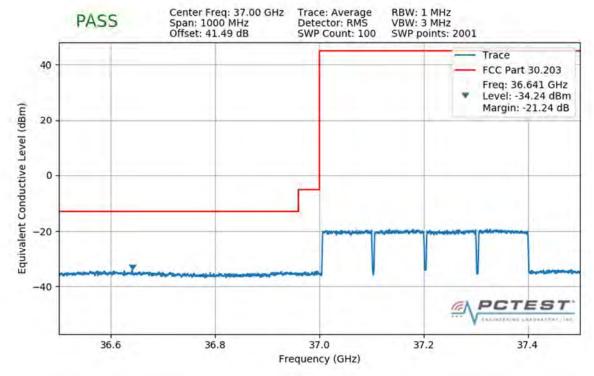




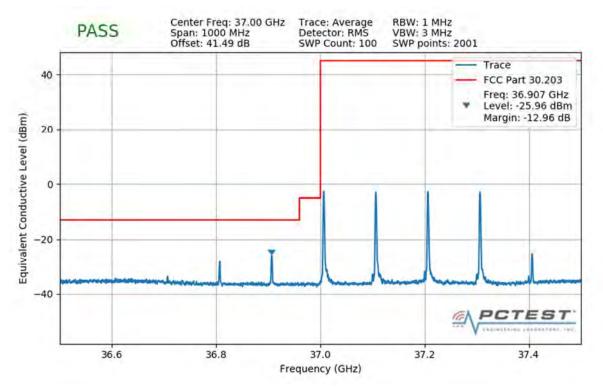


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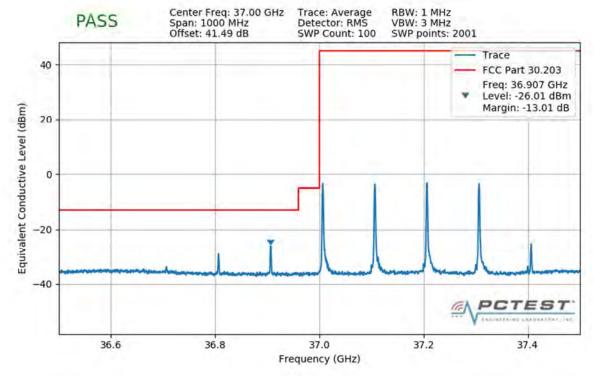




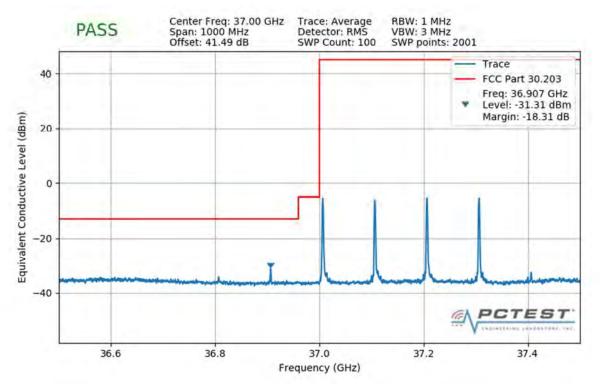


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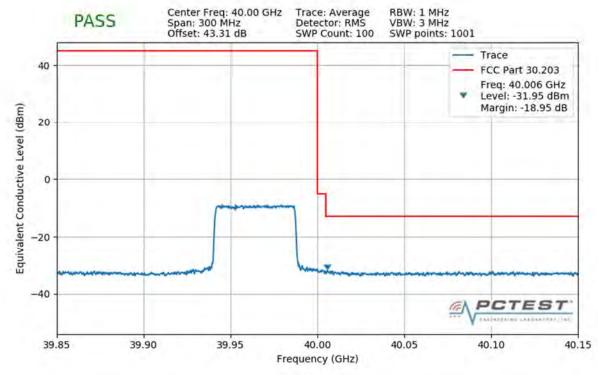




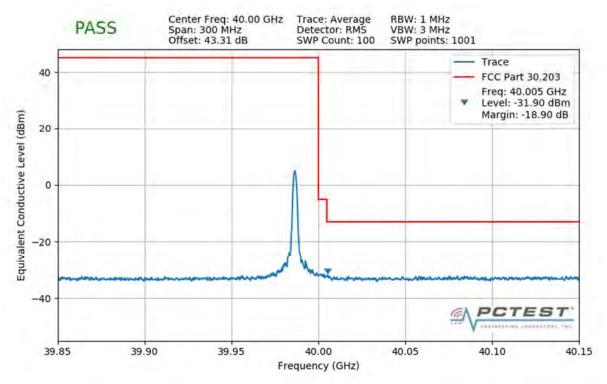


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Test Report S/N:	Test Dates:	EUT Type:		Dage 224 of 255
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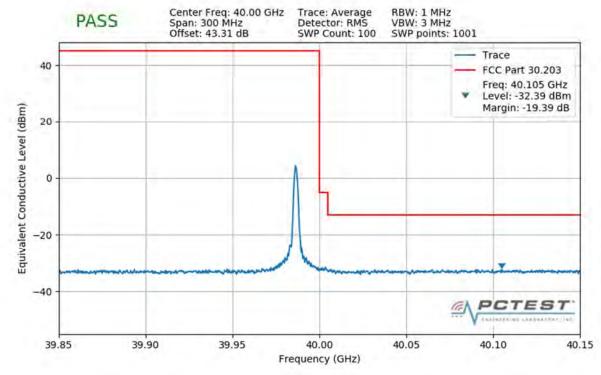




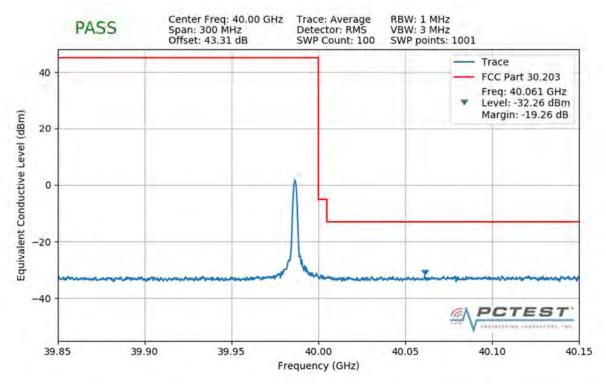


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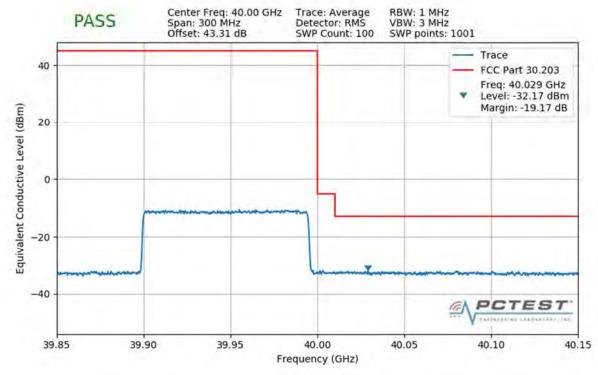




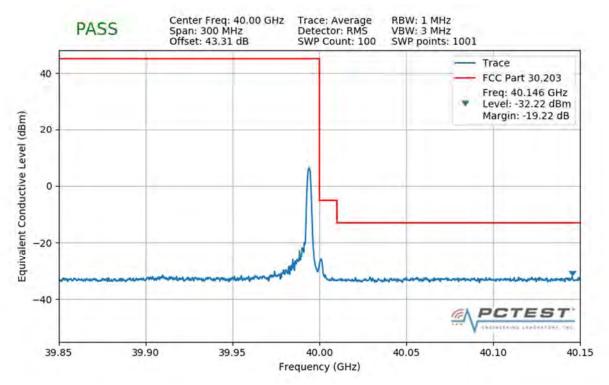


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Test Report S/N:	Test Dates:	EUT Type:		Dage 226 of 255
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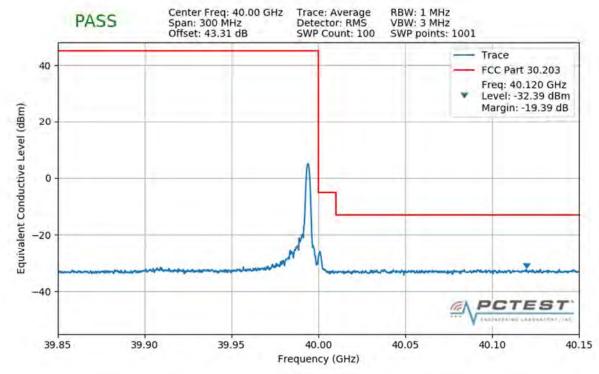




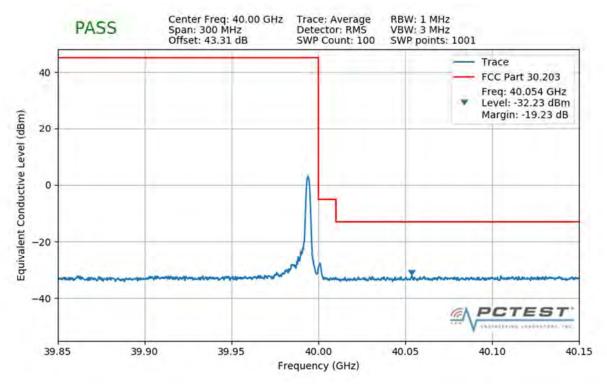
Plot 7-550. Upper Band Edge Plot (1CC 100MHz QPSK 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONC	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 207 of 255
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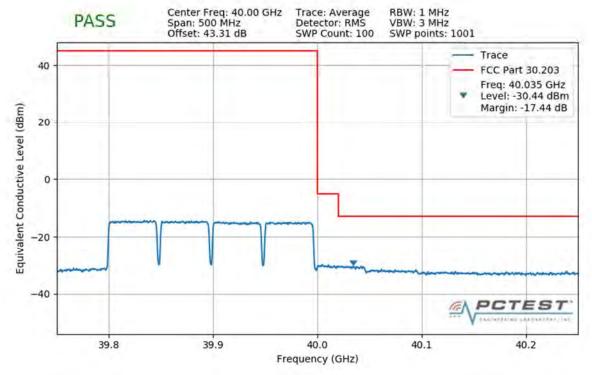




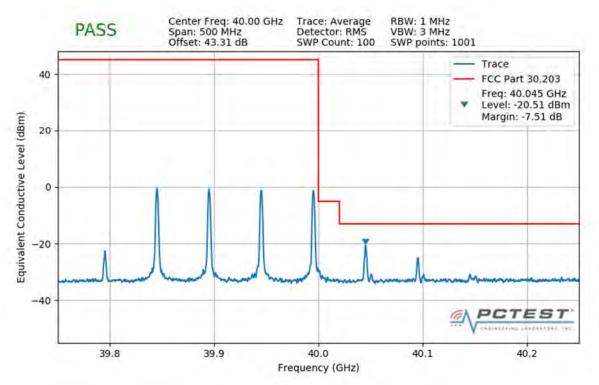
Plot 7-552. Upper Band Edge Plot (1CC 100MHz 64QAM 1 RB)

FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
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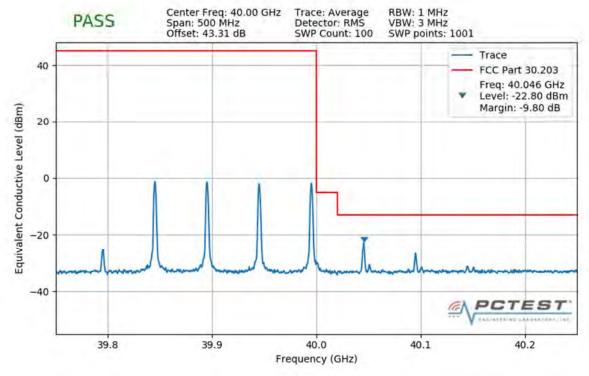




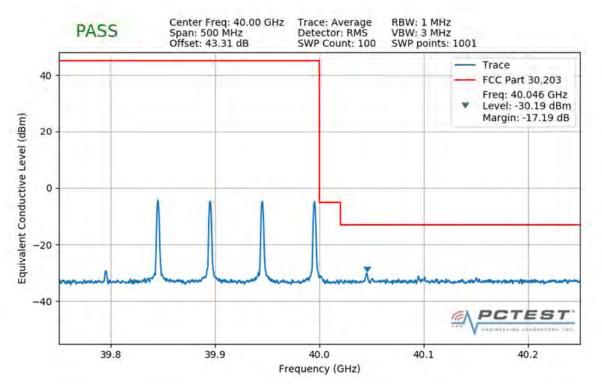


FCC ID: A3LSMG977U		MEASUREMENT REPORT (CLASS III PERMISSIVE CHANGE)	SAMSONE	Approved by: Quality Manager
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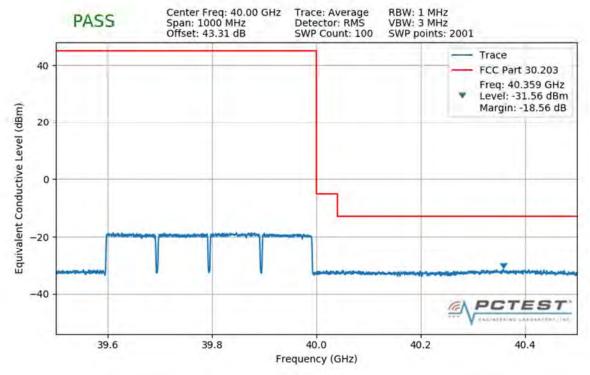




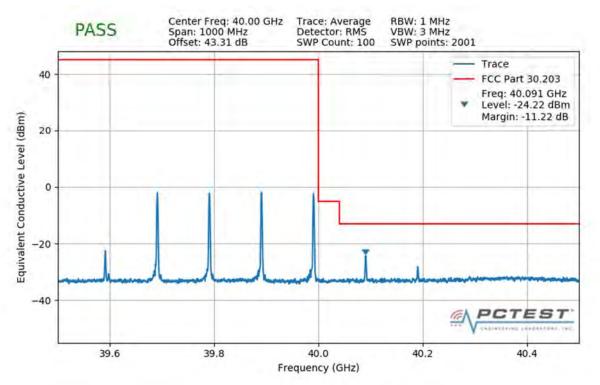


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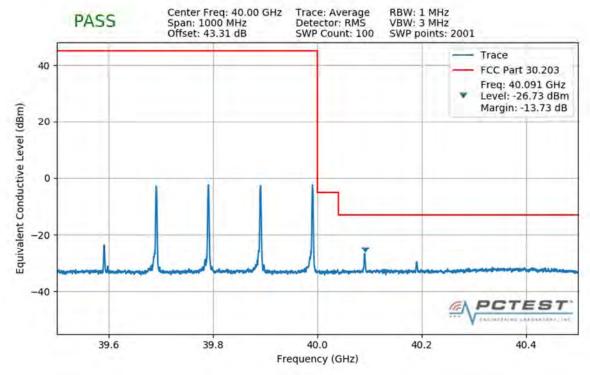




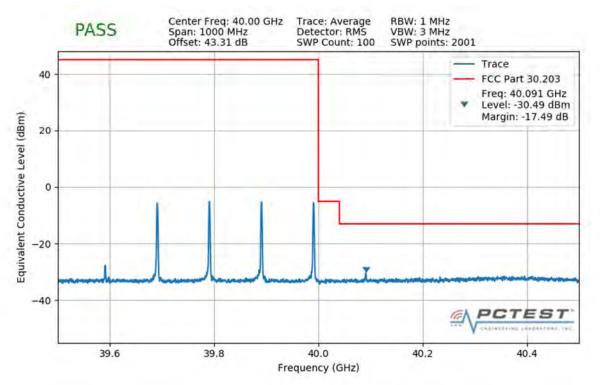


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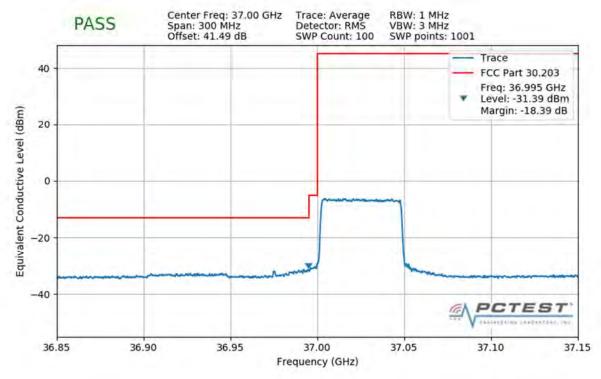




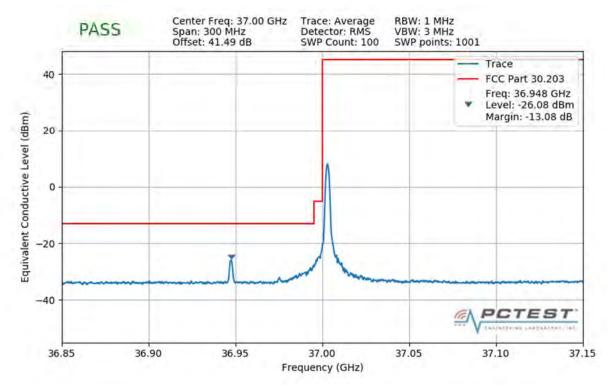


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