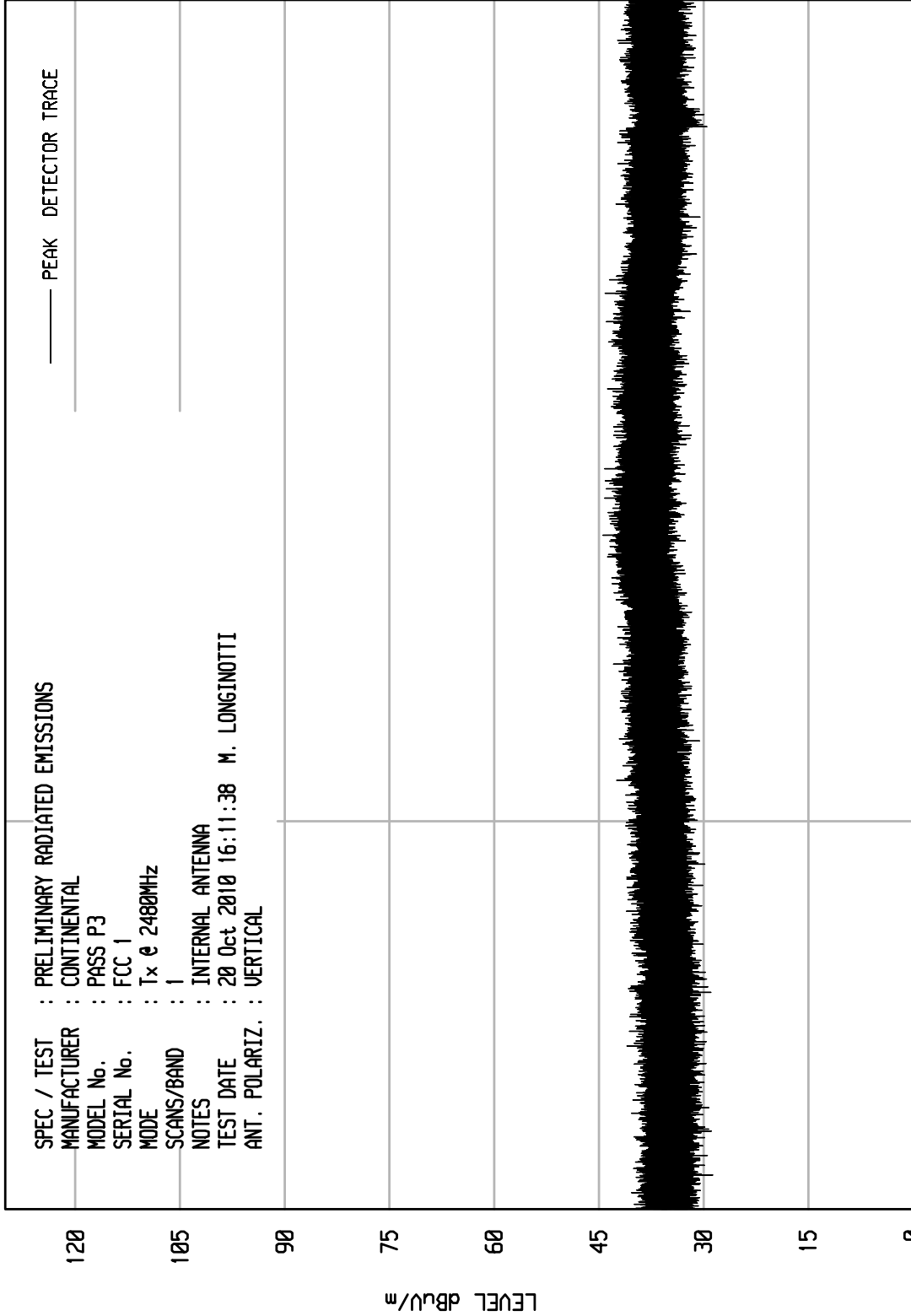


ELITE ELECTRONIC ENGINEERING Inc.

Downers Grove, Ill. 60515

UNIU RCU EMI RUN 13

UKA1 07/14/10



START = 18000

FREQUENCY MHz

STOP = 25000



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2402MHz, External Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Peak Readings in Restricted Bands

Freq (MHz)	Ant Pol	Meter Reading (dBUV)	Ambient	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
4803.880	H	64.4		5.7	34.8	-38.3	66.7	2152.9	5000.0	-7.3
4803.880	V	62.4		5.7	34.8	-38.3	64.7	1710.1	5000.0	-9.3
12009.70	H	47.2	Ambient	9.8	41.4	-38.4	60.0	1002.3	5000.0	-14.0
12009.70	V	45.9	Ambient	9.8	41.4	-38.4	58.7	863.0	5000.0	-15.3
19215.52	H	35.8	Ambient	2.2	40.4	-27.5	50.9	350.6	5000.0	-23.1
19215.52	V	36.5	Ambient	2.2	40.4	-27.5	51.6	380.0	5000.0	-22.4

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBUV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB)



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2402MHz, External Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Average Readings in Restricted Bands

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
4803.9	H	63.3	5.7	34.8	-38.3	-39.3	26.3	20.6	500.0	-27.7
4803.9	V	61.2	5.7	34.8	-38.3	-39.3	24.2	16.1	500.0	-29.8
12009.7	H	32.6	9.8	41.4	-38.4	-39.3	6.1	2.0	500.0	-47.9
12009.7	V	32.6	9.8	41.4	-38.4	-39.3	6.1	2.0	500.0	-47.9
19215.5	H	23.5	2.2	40.4	-27.5	-39.3	-0.7	0.9	500.0	-54.7
19215.5	V	23.5	2.2	40.4	-27.5	-39.3	-0.7	0.9	500.0	-54.7

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBuV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB) + Duty Cycle (dB)



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2441MHz, External Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Peak Readings in Restricted Bands

Freq (MHz)	Ant Pol	Meter Reading (dBUV)	Ambient	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
4881.980	H	63.5		5.8	34.9	-38.3	65.8	1956.8	5000.0	-8.1
4881.980	V	63.2		5.8	34.9	-38.3	65.5	1890.4	5000.0	-8.4
7322.970	H	47.6		7.7	38.2	-38.4	55.0	563.5	5000.0	-19.0
7322.970	V	47.2		7.7	38.2	-38.4	54.6	538.1	5000.0	-19.4
12204.95	H	46.1	Ambient	9.9	41.5	-38.4	59.0	893.9	5000.0	-15.0
12204.95	V	45.7	Ambient	9.9	41.5	-38.4	58.6	853.7	5000.0	-15.4
19527.92	H	36.7	Ambient	2.2	40.4	-27.2	52.1	403.5	5000.0	-21.9
19527.92	V	36.5	Ambient	2.2	40.4	-27.2	51.9	394.3	5000.0	-22.1

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBUV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB)



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2441MHz, External Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Average Readings in Restricted Bands

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
4882.0	H	62.4	5.8	34.9	-38.3	-39.3	25.4	18.7	500.0	-28.5
4882.0	V	61.8	5.8	34.9	-38.3	-39.3	24.8	17.4	500.0	-29.2
7323.0	H	34.8	7.7	38.2	-38.4	-39.3	2.9	1.4	500.0	-51.1
7323.0	V	36.8	7.7	38.2	-38.4	-39.3	4.9	1.8	500.0	-49.1
12205.0	H	32.6	9.9	41.5	-38.4	-39.3	6.2	2.0	500.0	-47.8
12205.0	V	32.6	9.9	41.5	-38.4	-39.3	6.2	2.0	500.0	-47.8
19527.9	H	24.0	2.2	40.4	-27.2	-39.3	0.1	1.0	500.0	-53.9
19527.9	V	24.0	2.2	40.4	-27.2	-39.3	0.1	1.0	500.0	-53.9

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBuV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB) + Duty Cycle (dB)



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2480MHz, External Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Peak Readings in Restricted Bands

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
4959.880	H	62.3		5.8	34.9	-38.3	64.7	1717.9	5000.0	-9.3
4959.880	V	63.7		5.8	34.9	-38.3	66.1	2018.3	5000.0	-7.9
7439.820	H	45.7		7.7	38.2	-38.5	53.2	455.2	5000.0	-20.8
7439.820	V	46.0		7.7	38.2	-38.5	53.5	471.2	5000.0	-20.5
12399.70	H	46.4	Ambient	9.9	41.5	-38.4	59.4	936.5	5000.0	-14.5
12399.70	V	45.6	Ambient	9.9	41.5	-38.4	58.6	854.1	5000.0	-15.3
19839.52	H	36.7	Ambient	2.2	40.4	-26.9	52.4	417.7	5000.0	-21.6
19839.52	V	36.1	Ambient	2.2	40.4	-26.9	51.8	389.8	5000.0	-22.2
22319.46	H	37.7	Ambient	2.2	40.6	-27.1	53.4	469.3	5000.0	-20.6
22319.46	V	37.6	Ambient	2.2	40.6	-27.1	53.3	463.9	5000.0	-20.7

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBuV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB)



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2480MHz, External Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Average Readings in Restricted Bands

Freq (MHz)	Ant Pol	Meter Reading (dBUV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total dBUV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)	
4959.9	H	60.9	5.8	34.9	-38.3	-39.3	24.0	15.8	500.0	-30.0	
4959.9	V	62.5	5.8	34.9	-38.3	-39.3	25.6	19.1	500.0	-28.4	
7439.8	H	35.2	7.7	38.2	-38.5	-39.3	3.4	1.5	500.0	-50.6	
7439.8	V	34.3	7.7	38.2	-38.5	-39.3	2.5	1.3	500.0	-51.5	
12399.7	H	33.0	Ambient	9.9	41.5	-38.4	-39.3	6.7	2.2	500.0	-47.2
12399.7	V	32.9	Ambient	9.9	41.5	-38.4	-39.3	6.6	2.1	500.0	-47.3
19839.5	H	24.2	Ambient	2.2	40.4	-26.9	-39.3	0.6	1.1	500.0	-53.4
19839.5	V	24.2	Ambient	2.2	40.4	-26.9	-39.3	0.6	1.1	500.0	-53.4
22319.5	H	25.3	Ambient	2.2	40.6	-27.1	-39.3	1.7	1.2	500.0	-52.3
22319.5	V	25.2	Ambient	2.2	40.6	-27.1	-39.3	1.6	1.2	500.0	-52.4

H – Horizontal

V – Vertical

Total (dBUV/m) = Meter Reading (dBUV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB) + Duty Cycle (dB)



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2402MHz, Internal Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Peak Readings

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
2401.940	H	61.2		3.8	31.3	0.0	96.3	65411.8		
2401.940	V	68.0		3.8	31.3	0.0	103.1	143105.4		
4803.880	H	64.1		5.7	34.8	-38.3	66.4	2079.8	5000.0	-7.6
4803.880	V	63.2		5.7	34.8	-38.3	65.5	1875.1	5000.0	-8.5
7205.820	H	44.7		7.6	38.1	-38.4	52.1	401.3	14310.5	-31.0
7205.820	V	42.5		7.6	38.1	-38.4	49.9	311.5	14310.5	-33.2
9607.760	H	44.8		8.6	39.6	-38.5	54.5	531.3	14310.5	-28.6
9607.760	V	41.8		8.6	39.6	-38.5	51.5	376.1	14310.5	-31.6
12009.70	H	47.1	Ambient	9.8	41.4	-38.4	59.9	990.9	5000.0	-14.1
12009.70	V	46.1	Ambient	9.8	41.4	-38.4	58.9	883.1	5000.0	-15.1
14411.64	H	38.6		10.9	43.6	-38.9	54.3	517.3	14310.5	-28.8
14411.64	V	37.6		10.9	43.6	-38.9	53.3	461.0	14310.5	-29.8
16813.58	H	36.5	Ambient	11.6	44.8	-38.4	54.5	528.4	14310.5	-28.7
16813.58	V	36.6	Ambient	11.6	44.8	-38.4	54.6	534.6	14310.5	-28.6
19215.52	H	36.2	Ambient	2.2	40.4	-27.5	51.3	367.1	5000.0	-22.7
19215.52	V	35.2	Ambient	2.2	40.4	-27.5	50.3	327.2	5000.0	-23.7
21617.46	H	28.7	Ambient	2.2	40.6	-26.2	45.3	184.2	14310.5	-37.8
21617.46	V	28.2	Ambient	2.2	40.6	-26.2	44.8	173.9	14310.5	-38.3
24019.40	H	26.7	Ambient	2.2	40.6	-27.4	42.2	128.2	14310.5	-41.0
24019.40	V	27.5	Ambient	2.2	40.6	-27.4	43.0	140.5	14310.5	-40.2

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBuV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB)

Gray rows indicate emissions in a restricted band.





Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2402MHz, Internal Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Average Readings in Restricted Bands

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
4803.9	H	63.4		5.7	34.8	-38.3	-39.3	26.4	20.8	500.0	-27.6
4803.9	V	62.6		5.7	34.8	-38.3	-39.3	25.6	19.0	500.0	-28.4
12009.7	H	35.6	Ambient	9.8	41.4	-38.4	-39.3	9.1	2.9	500.0	-44.9
12009.7	V	34.1	Ambient	9.8	41.4	-38.4	-39.3	7.6	2.4	500.0	-46.4
19215.5	H	23.5	Ambient	2.2	40.4	-27.5	-39.3	-0.7	0.9	500.0	-54.7
19215.5	V	23.5	Ambient	2.2	40.4	-27.5	-39.3	-0.7	0.9	500.0	-54.7

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBuV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB) + Duty Cycle (dB)



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2441MHz, Internal Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Peak Readings

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
2440.990	H	57.2		3.8	31.3	0.0	92.4	41523.1		
2440.990	V	61.3		3.8	31.3	0.0	96.5	66571.7		
4881.980	H	65.4		5.8	34.9	-38.3	67.7	2435.3	5000.0	-6.2
4881.980	V	65.3		5.8	34.9	-38.3	67.6	2407.4	5000.0	-6.3
7322.970	H	48.4		7.7	38.2	-38.4	55.8	617.9	5000.0	-18.2
7322.970	V	47.9		7.7	38.2	-38.4	55.3	583.3	5000.0	-18.7
9763.960	H	38.2		8.6	39.8	-38.6	48.0	250.7	6657.2	-28.5
9763.960	V	39.7		8.6	39.8	-38.6	49.5	298.0	6657.2	-27.0
12204.95	H	46.9	Ambient	9.9	41.5	-38.4	59.8	980.2	5000.0	-14.2
12204.95	V	45.7	Ambient	9.9	41.5	-38.4	58.6	853.7	5000.0	-15.4
14645.94	H	37.0	Ambient	11.0	44.1	-38.9	53.2	457.6	6657.2	-23.3
14645.94	V	37.3	Ambient	11.0	44.1	-38.9	53.5	473.7	6657.2	-23.0
17086.93	H	36.2	Ambient	11.7	44.7	-38.4	54.2	513.7	6657.2	-22.3
17086.93	V	36.5	Ambient	11.7	44.7	-38.4	54.5	531.8	6657.2	-22.0
19527.92	H	37.0	Ambient	2.2	40.4	-27.2	52.4	417.7	5000.0	-21.6
19527.92	V	37.2	Ambient	2.2	40.4	-27.2	52.6	427.4	5000.0	-21.4
21968.91	H	29.1	Ambient	2.2	40.6	-26.9	44.9	176.7	6657.2	-31.5
21968.91	V	29.1	Ambient	2.2	40.6	-26.9	44.9	176.7	6657.2	-31.5
24409.90	H	27.1	Ambient	2.2	40.6	-27.5	42.5	133.1	6657.2	-34.0

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBuV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB)

Gray rows indicate emissions in restricted bands



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2441MHz, Internal Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Average Readings in Restricted Bands

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)	
4882.0	H	64.4	5.8	34.9	-38.3	-39.3	27.4	23.5	500.0	-26.5	
4882.0	V	64.1	5.8	34.9	-38.3	-39.3	27.1	22.7	500.0	-26.8	
7323.0	H	37.0	7.7	38.2	-38.4	-39.3	5.1	1.8	500.0	-48.9	
7323.0	V	39.8	7.7	38.2	-38.4	-39.3	7.9	2.5	500.0	-46.1	
12205.0	H	32.7	Ambient	9.9	41.5	-38.4	-39.3	6.3	2.1	500.0	-47.7
12205.0	V	33.2	Ambient	9.9	41.5	-38.4	-39.3	6.8	2.2	500.0	-47.2
19527.9	H	24.0	Ambient	2.2	40.4	-27.2	-39.3	0.1	1.0	500.0	-53.9
19527.9	V	23.9	Ambient	2.2	40.4	-27.2	-39.3	0.0	1.0	500.0	-54.0

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBuV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB) + Duty Cycle (dB)



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2480MHz, Internal Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1, NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Peak Readings

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
2479.940	H	61.0		3.8	31.4	0.0	96.2	64695.6		
2479.940	V	63.7		3.8	31.4	0.0	98.9	88282.5		
4959.880	H	64.9		5.8	34.9	-38.3	67.3	2317.4	5000.0	-6.7
4959.880	V	63.3		5.8	34.9	-38.3	65.7	1927.5	5000.0	-8.3
7439.820	H	46.2		7.7	38.2	-38.5	53.7	482.2	5000.0	-20.3
7439.820	V	46.7		7.7	38.2	-38.5	54.2	510.8	5000.0	-19.8
9919.760	H	38.4		8.5	39.9	-38.6	48.3	258.9	8828.3	-30.7
9919.760	V	36.4	Ambient	8.5	39.9	-38.6	46.3	205.6	8828.3	-32.7
12399.70	H	45.9	Ambient	9.9	41.5	-38.4	58.9	884.1	5000.0	-15.0
12399.70	V	46.1	Ambient	9.9	41.5	-38.4	59.1	904.7	5000.0	-14.8
14879.64	H	36.3		11.2	44.6	-39.0	53.1	449.5	8828.3	-25.9
14879.64	V	36.1		11.2	44.6	-39.0	52.9	439.2	8828.3	-26.1
17359.58	H	36.2	Ambient	11.9	44.6	-38.4	54.3	521.1	8828.3	-24.6
17359.58	V	36.5	Ambient	11.9	44.6	-38.4	54.6	539.4	8828.3	-24.3
19839.52	H	37.1	Ambient	2.2	40.4	-26.9	52.8	437.4	5000.0	-21.2
19839.52	V	36.2	Ambient	2.2	40.4	-26.9	51.9	394.3	5000.0	-22.1
22319.46	H	37.9	Ambient	2.2	40.6	-27.1	53.6	480.2	5000.0	-20.4
22319.46	V	39.2	Ambient	2.2	40.6	-27.1	54.9	557.7	5000.0	-19.1
24799.40	H	27.6	Ambient	2.2	40.7	-27.2	43.3	145.5	8828.3	-35.7
24799.40	V	26.9	Ambient	2.2	40.7	-27.2	42.6	134.3	8828.3	-36.4

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBuV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB)

Gray rows indicate emissions in a restricted band



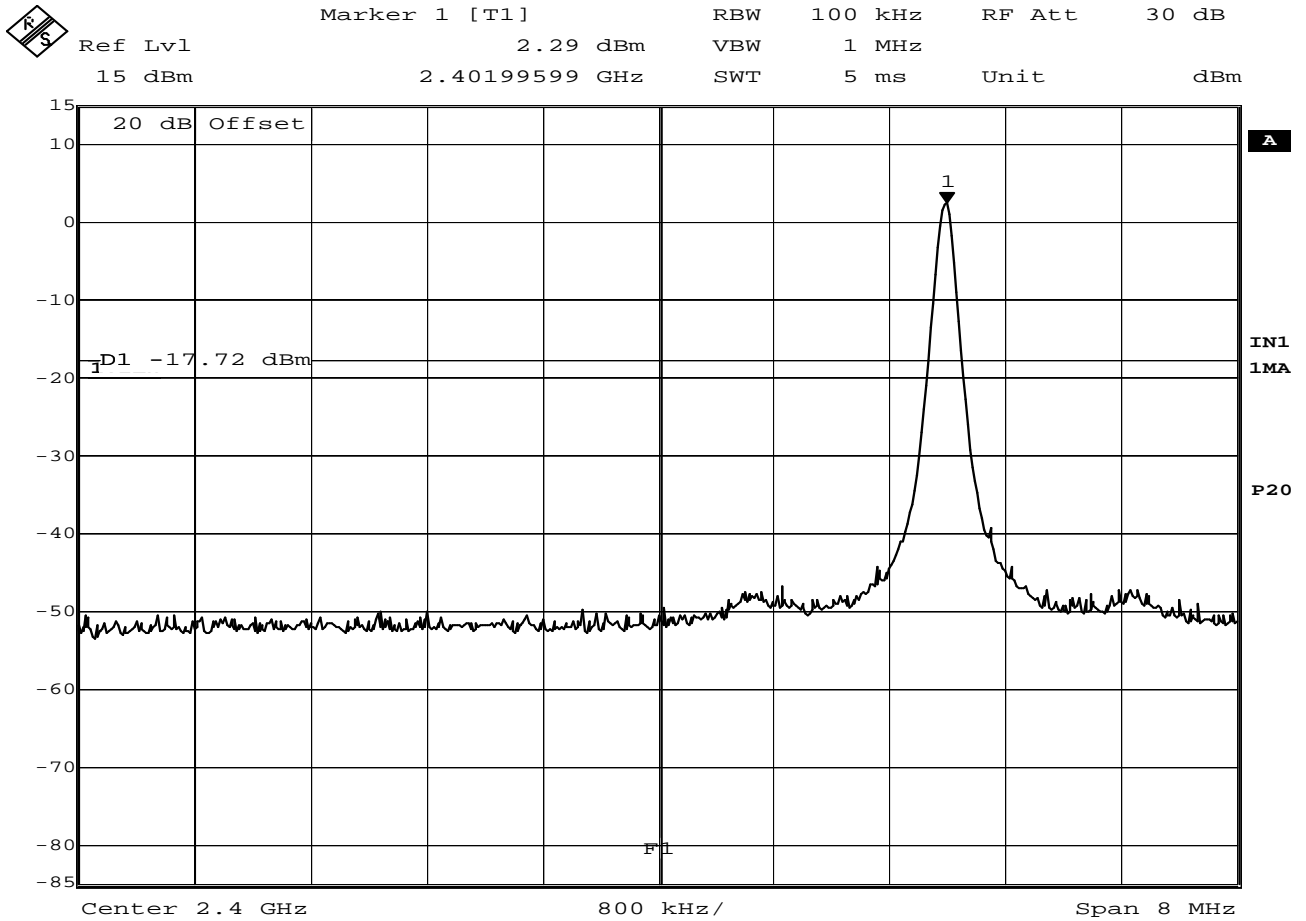
Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Spurious Radiated Emissions in Restricted Bands  
 Date : October 20, 2010  
 Mode : Tx @ 2480MHz, Internal Antenna  
 Equipment Used : RBB0, NWI0, NWI1, APW3, XPR0, SES1,NTA2, NHG0, APW0  
 Notes : Test Distance is 3 meters  
 Notes : Average Readings in Restricted Bands

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)	
4959.9	H	63.9	5.8	34.9	-38.3	-39.3	27.0	22.4	500.0	-27.0	
4959.9	V	62.3	5.8	34.9	-38.3	-39.3	25.4	18.6	500.0	-28.6	
7439.8	H	36.0	7.7	38.2	-38.5	-39.3	4.2	1.6	500.0	-49.8	
7439.8	V	34.5	7.7	38.2	-38.5	-39.3	2.7	1.4	500.0	-51.3	
12399.7	H	33.0	Ambient	9.9	41.5	-38.4	-39.3	6.7	2.2	500.0	-47.2
12399.7	V	32.9	Ambient	9.9	41.5	-38.4	-39.3	6.6	2.1	500.0	-47.3
19839.5	H	24.1	Ambient	2.2	40.4	-26.9	-39.3	0.5	1.1	500.0	-53.5
19839.5	V	24.0	Ambient	2.2	40.4	-26.9	-39.3	0.4	1.0	500.0	-53.6
22319.5	H	24.9	Ambient	2.2	40.6	-27.1	-39.3	1.3	1.2	500.0	-52.7
22319.5	V	25.0	Ambient	2.2	40.6	-27.1	-39.3	1.4	1.2	500.0	-52.6

H – Horizontal

V – Vertical

Total (dBUV/m) = Meter Reading (dBUV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB) + Duty Cycle (dB)



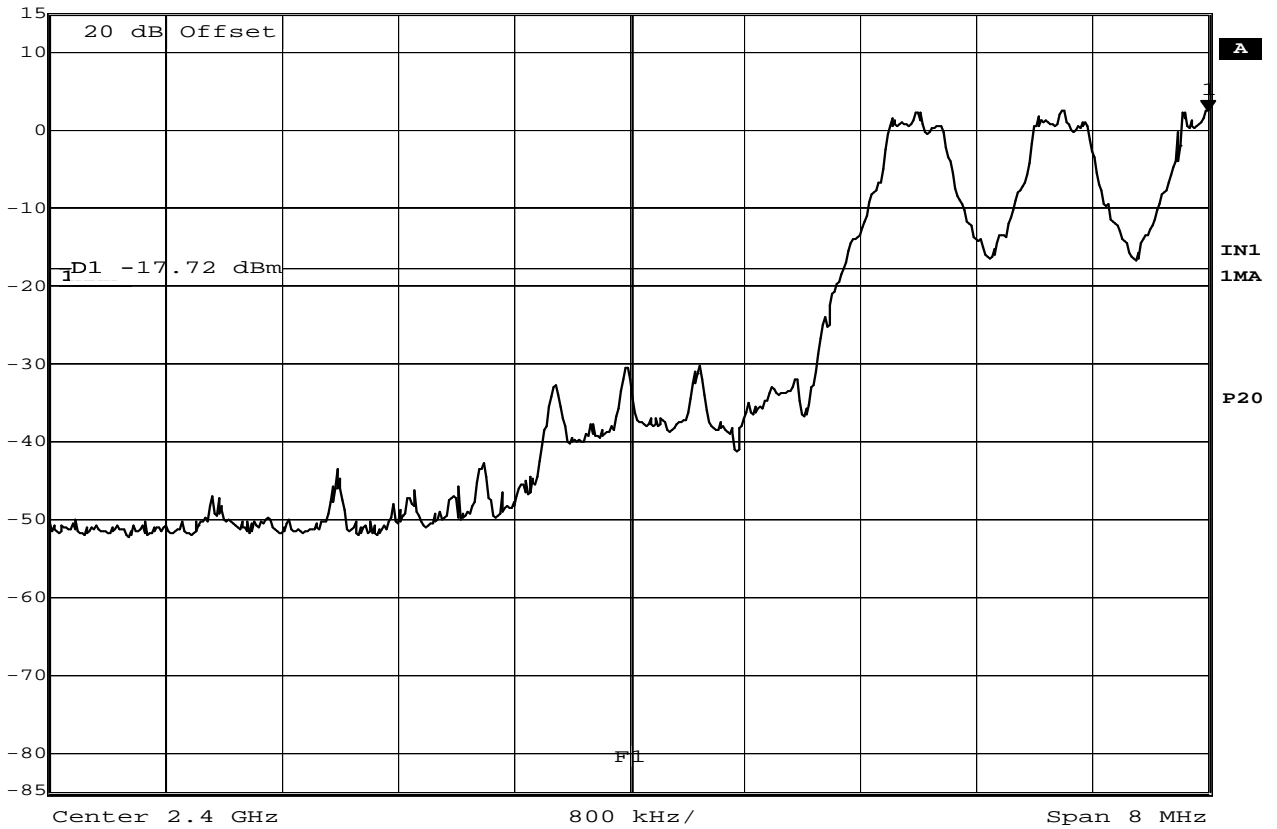
Date: 18.OCT.2010 12:01:58

**15.247(d) Band Edge (conducted)**

MANUFACTURER	: Continental Automotive
MODEL NUMBER	: Pass P3
SERIAL NUMBER	: FCC 1
TEST MODE	: Tx @ 2402.7MHz
NOTES	:
TEST DATE	: October 18, 2010
TEST PARAMETERS	: Band edge
NOTES	: Display line F1 represents the band edge (2400MHz). Display line D1 represents the 20dB down point from the peak.
EQUIPMENT USED	: RBB0, T2DM



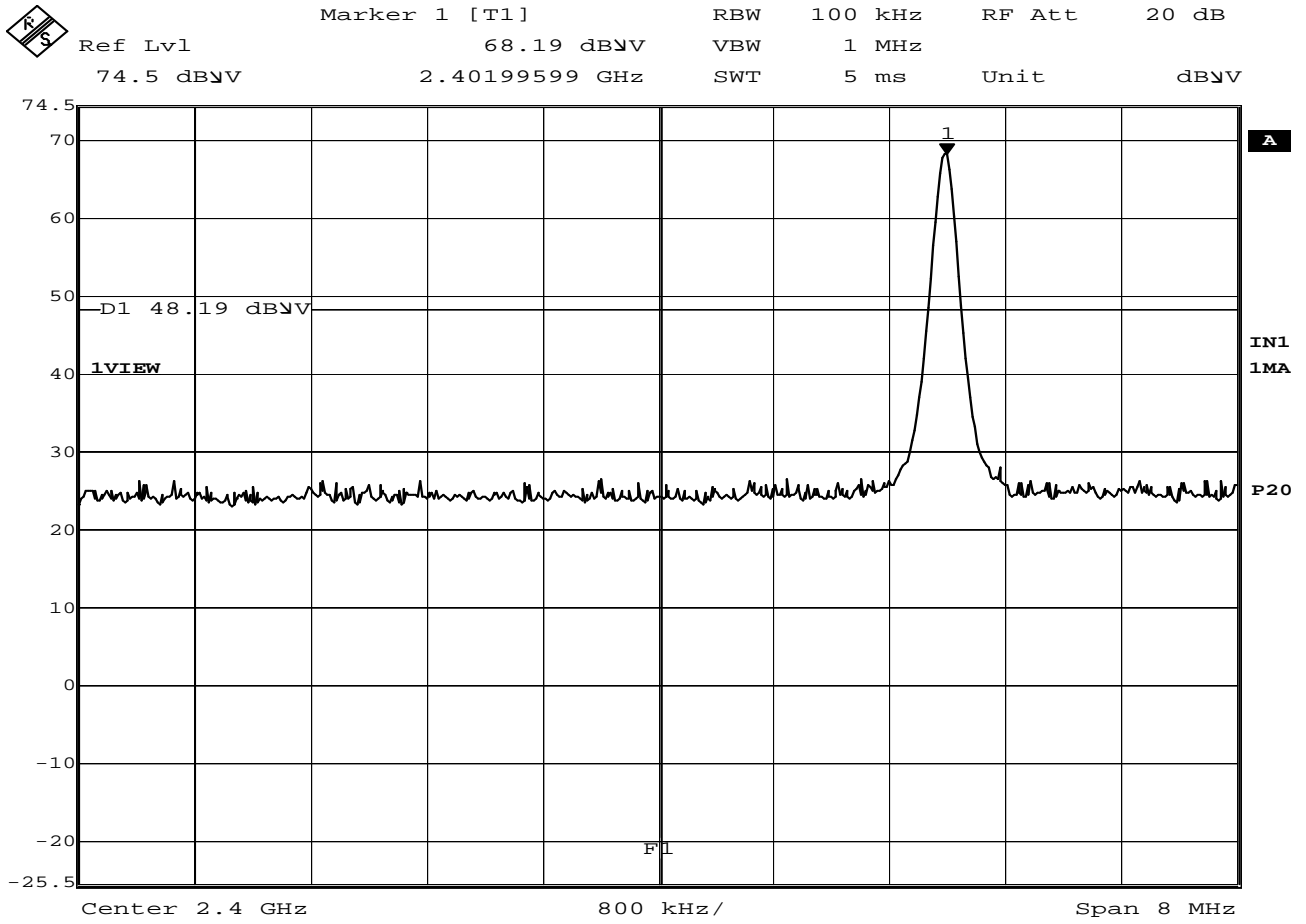
Marker 1 [T1]      RBW    100 kHz    RF Att    30 dB  
 Ref Lvl                    2.36 dBm    VBW    1 MHz  
 15 dBm                    2.40400000 GHz    SWT    5 ms    Unit            dBm



Date: 18.OCT.2010 12:06:38

**15.247(d) Band Edge (conducted)**

MANUFACTURER : Continental Automotive  
 MODEL NUMBER : Pass P3  
 SERIAL NUMBER : FCC 1  
 TEST MODE : Hopping Enabled  
 NOTES :  
 TEST DATE : October 18, 2010  
 TEST PARAMETERS : Band edge  
 NOTES : Display line F1 represents the band edge (2400MHz). Display line D1 represents the 20dB down point from the peak.  
 EQUIPMENT USED : RBB0, T2DM

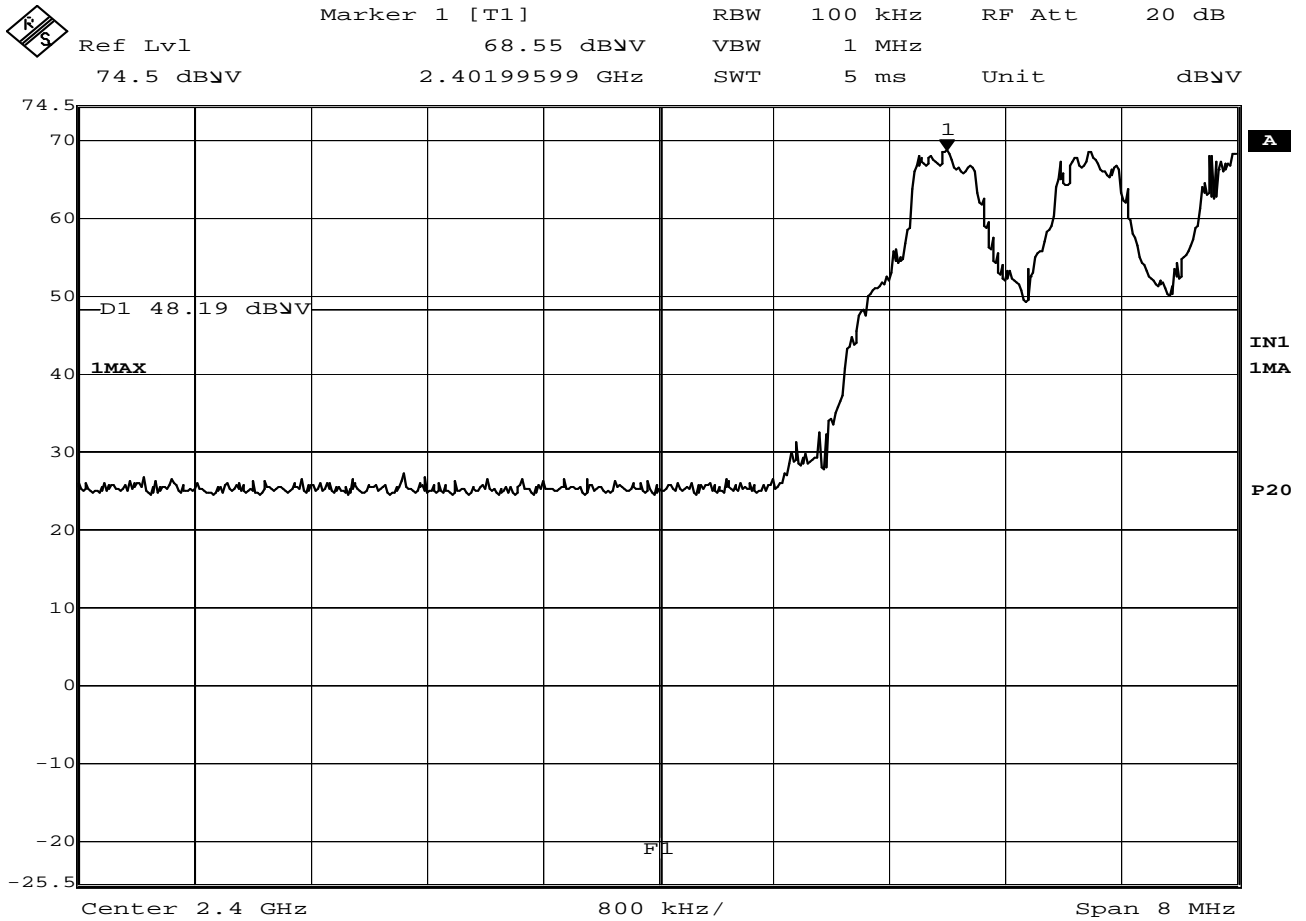


Date: 18.OCT.2010 14:04:56

15.247(d) Band Edge (radiated)

MANUFACTURER : Continental Automotive  
 MODEL NUMBER : Pass P3  
 SERIAL NUMBER : FCC 1  
 TEST MODE : Tx @ 2402.7MHz  
 NOTES :  
 TEST DATE : October 18, 2010  
 TEST PARAMETERS : Band Edge  
 NOTES : Display line F1 represents the band edge (2400MHz). Display line D1 represents the 20dB down point from the peak.  
 EQUIPMENT USED : RBB0, NWI0





Date: 18.OCT.2010 14:10:22

15.247(d) Band Edge (radiated)

MANUFACTURER : Continental Automotive  
 MODEL NUMBER : Pass P3  
 SERIAL NUMBER : FCC 1  
 TEST MODE : Hopping Enabled  
 NOTES :  
 TEST DATE : October 18, 2010  
 TEST PARAMETERS : Band Edge  
 NOTES : Display line F1 represents the band edge (2400MHz). Display line D1 represents the 20dB down point from the peak.  
 EQUIPMENT USED : RBB0, NWI0



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Band edge test  
 Date : October 20, 2010  
 Mode : See Below  
 Equipment Used : RBB0, NWIO  
 Notes : Test Distance is 3 meters  
 Notes : Peak Readings

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
Tx at 2480MHz – external antenna										
2483.500	H	15.6	Ambient	3.8	31.4	0.0	50.8	347.6	5000.0	-23.2
2483.500	V	19.8	Ambient	3.8	31.4	0.0	55.0	563.8	5000.0	-19.0
Hopping Enabled – external antenna										
2483.500	H	14.0	Ambient	3.8	31.4	0.0	49.2	289.1	5000.0	-24.8
2483.500	V	19.2	Ambient	3.8	31.4	0.0	54.4	526.1	5000.0	-19.6
Tx at 2480MHz – internal antenna										
2483.500	H	15.4	Ambient	3.8	31.4	0.0	50.6	339.7	5000.0	-23.4
2483.500	V	15.7	Ambient	3.8	31.4	0.0	50.9	351.6	5000.0	-23.1
Hopping Enabled - internal antenna										
2483.500	H	13.6	Ambient	3.8	31.4	0.0	48.8	276.1	5000.0	-25.2
2483.500	V	15.6	Ambient	3.8	31.4	0.0	50.8	347.6	5000.0	-23.2

H – Horizontal

V – Vertical

Total (dBuV/m) = Meter Reading (dBuV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB)



Manufacturer : Continental Automotive  
 Model No. : Pass 3  
 Serial No. : FCC 1  
 Specification : FCC-15.247 Band edge test  
 Date : October 20, 2010  
 Mode : See Below  
 Equipment Used : RBB0, NWIO  
 Notes : Test Distance is 3 meters  
 Notes : Average Readings

Freq (MHz)	Ant Pol	Meter Reading (dBuV)	Ambient	CBL Fac (dB)	Ant Fac (dB)	Pre Amp (dB)	Duty Cycle (dB)	Total dBuV/m at 3 M	Total uV/m at 3M	Limit uV/m at 3M	Margin (dB)
Tx at 2480MHz – external antenna											
2483.50	H	2.9	Ambient	3.84	31.4	0	-39.3	-1.2	0.9	500.0	-55.2
2483.50	V	4.8	Ambient	3.84	31.4	0	-39.3	0.7	1.1	500.0	-53.3
Hopping Enabled – external antenna*											
2483.50	H	1.7	Ambient	3.84	31.4	0	0	36.9	70.2	500	-17.1
2483.50	V	2.1	Ambient	3.84	31.4	0	0	37.3	73.5	500	-16.7
Tx at 2480MHz – internal antenna											
2483.50	H	2.2	Ambient	3.84	31.4	0	-39.3	-1.9	0.8	500.0	-55.9
2483.50	V	3.6	Ambient	3.84	31.4	0	-39.3	-0.5	0.9	500.0	-54.5
Hopping Enabled – internal antenna*											
2483.50	H	1.5	Ambient	3.84	31.4	0	0	36.7	68.6	500	-17.3
2483.50	V	1.5	Ambient	3.84	31.4	0	0	36.7	68.6	500	-17.3

H – Horizontal

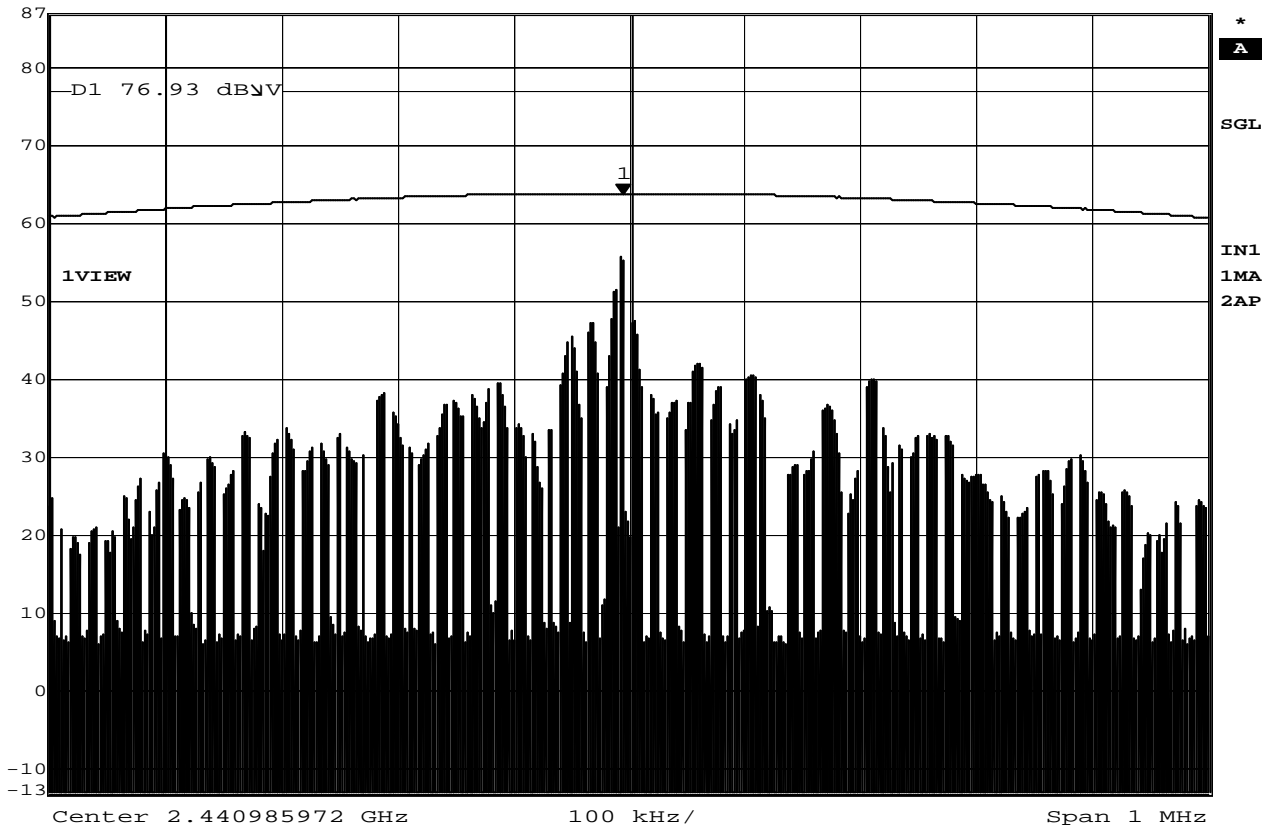
V – Vertical

\* - Since the EUT had its hopping enabled, no duty cycle correction factor was applied to the readings.

Total (dBuV/m) = Meter Reading (dBuV) + Cable Factor (dB) + Antenna Factor (dB) + Pre Amp (dB) + Duty Cycle (dB)



Marker 1 [T1] RBW 3 kHz RF Att 10 dB  
 Ref Lvl 63.73 dBuV VBW 20 kHz  
 87 dBuV 2.44098096 GHz SWT 340 s Unit dBuV



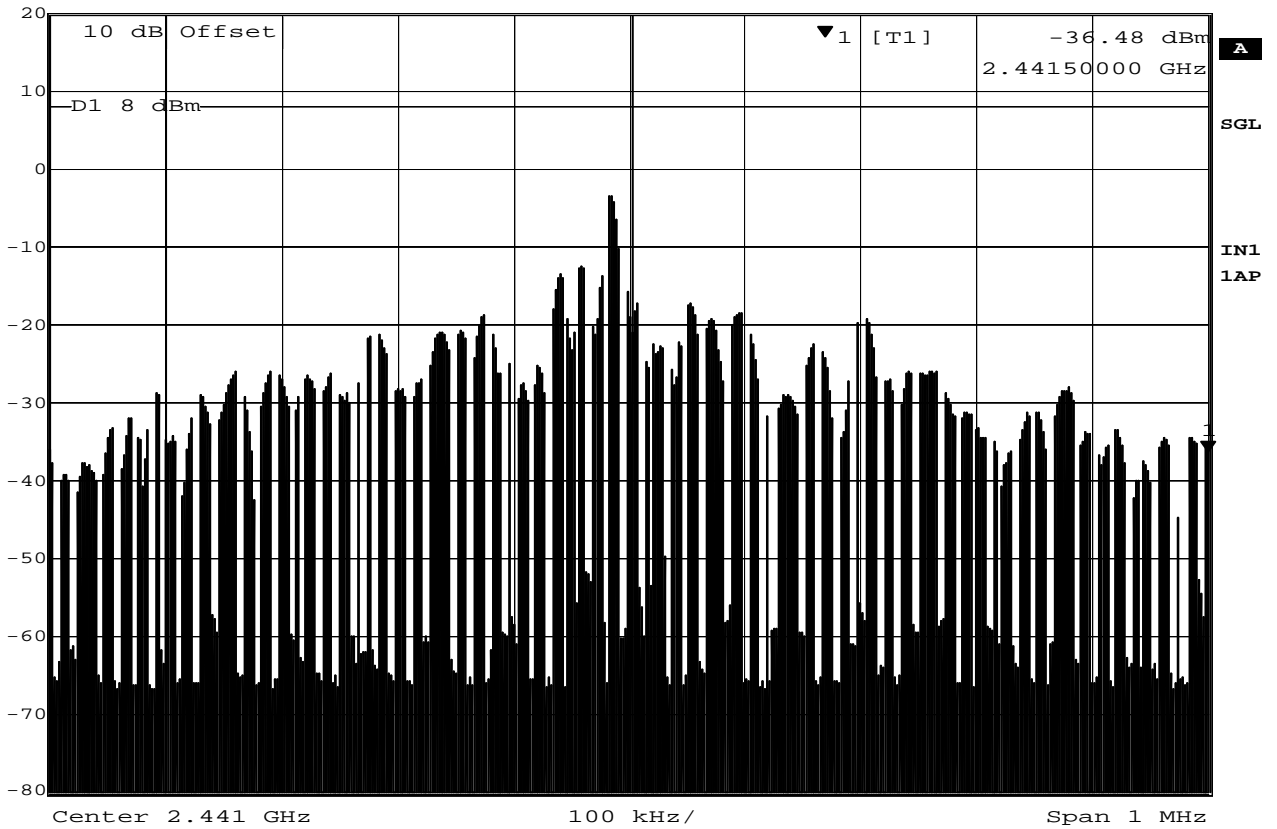
Date: 20.OCT.2010 17:38:00

### 15.247 Power Spectral Density

MANUFACTURER : Continental Automotive  
 MODEL NUMBER : Pass P3  
 SERIAL NUMBER : FCC 1  
 TEST MODE : Inquiry Mode  
 NOTES :  
 TEST DATE : October 20, 2010  
 TEST PARAMETERS : Power Spectral Density  
 NOTES : 63.73dBuV = -5.2dBm matched in 1MHz RBW.  
 : Top Trace = 63.73 dBuV is the peak equivalent to  
 : -5.2 dBm. Display line (D1) is equal to + 8dBm  
 :  $(8 - (-5.2)) = 13.2$  dB difference  
 :  $63.73\text{dBuV} + 13.2 \text{ dB} = 76.93 \text{ dBuV}$ .  
 : Bottom trace = power spectral density in 3kHz  
 : RBW with 340 second sweep time.  
 EQUIPMENT USED : RBB0, NWI0



Marker 1 [T1] RBW 3 kHz RF Att 30 dB  
Ref Lvl -36.48 dBm VBW 30 kHz  
20 dBm 2.4415000 GHz SWT 340 s Unit dBm



Date: 22.OCT.2010 10:07:40

### 15.247 Power Spectral Density (Antenna Conducted)

MANUFACTURER : Continental Automotive  
MODEL NUMBER : Pass P3  
SERIAL NUMBER : FCC 1  
TEST MODE : Inquiry Mode  
NOTES :  
TEST DATE : October 20, 2010  
TEST PARAMETERS : Power Spectral Density  
NOTES : Display line (D1) is represents the + 8dBm limit.  
: Trace = power spectral density in 3kHz  
: RBW with 340 second sweep time.  
EQUIPMENT USED : RBB0, T1P0