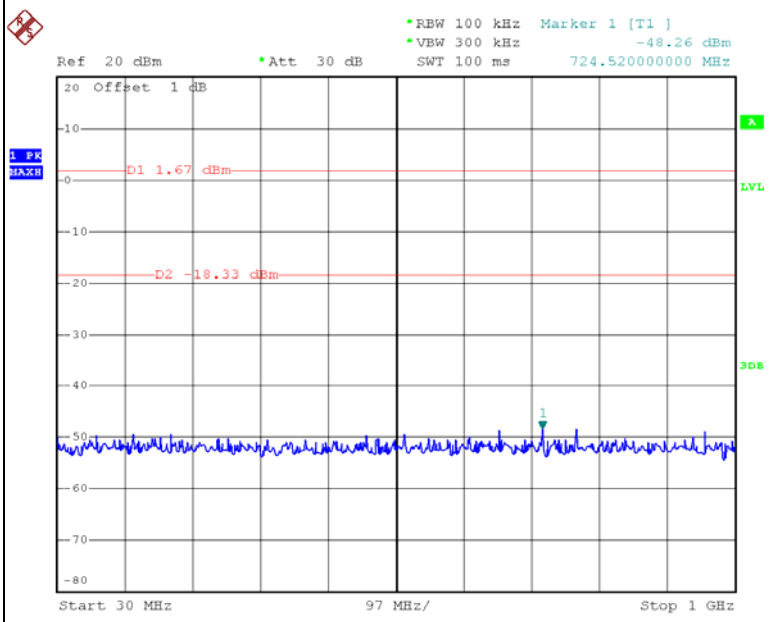
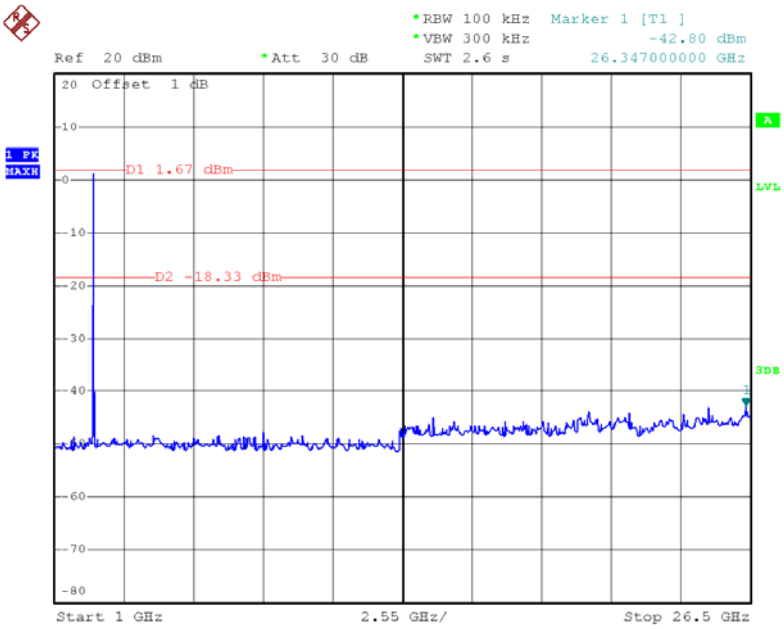
TX B mode CH11 (30M~1000MHz)



Date: 5.SEP.2013 19:24:20

TX B mode CH11 (1000MHz~10th Harmonic)

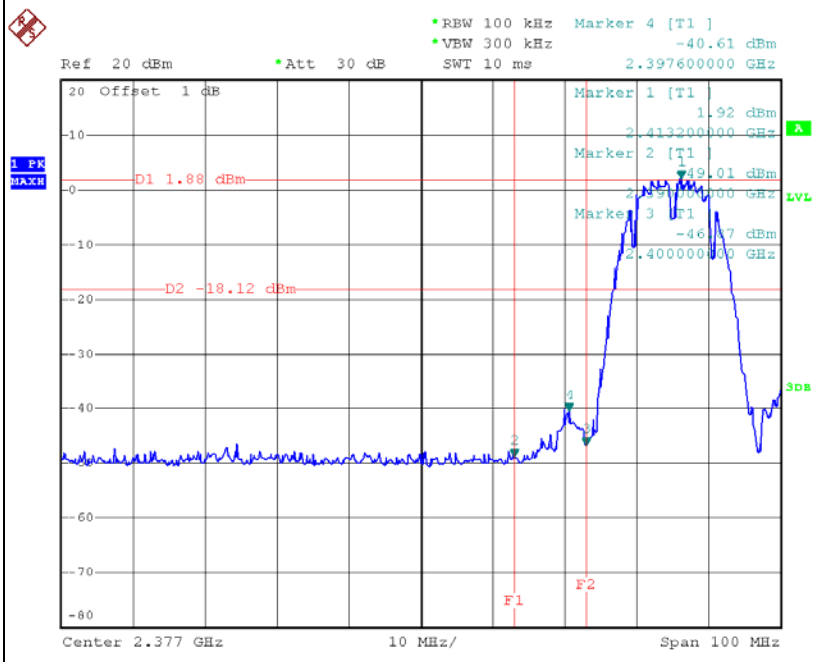


Date: 5.SEP.2013 19:24:33

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06 , CH11 / ANT 2 / Dipole Antenna with external cable		

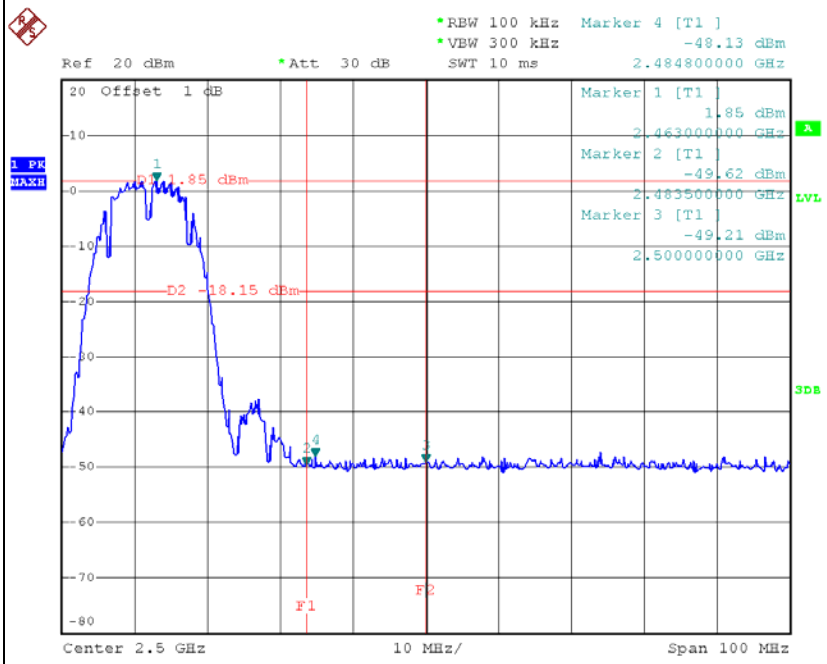
Channel of Worst Data: CH01			
The max. radio frequency power in any 100KHz bandwidth outside the frequency band		The max. radio frequency power in any 100 KHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
2397.60	-40.61	2484.80	-48.13
Result			
In any 100KHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100KHz bandwidth within the band that contains the highest lever of the desired power.			

TX B mode CH01



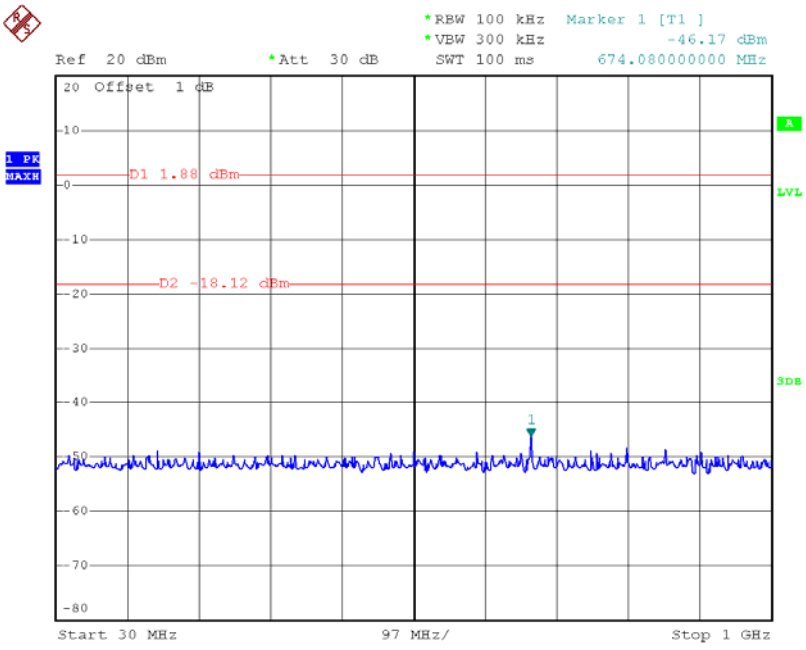
Date: 5.SEP.2013 19:11:07

TX B mode CH11

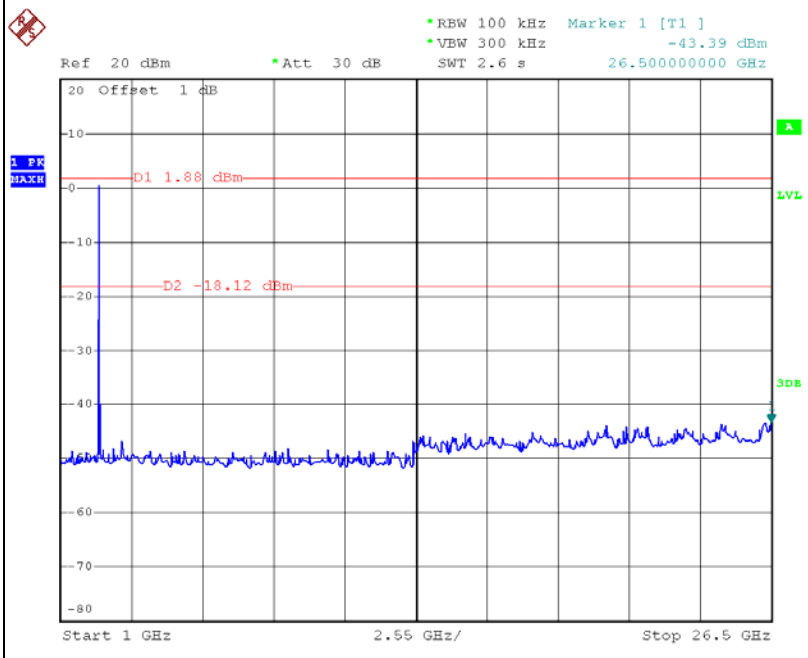


Date: 5.SEP.2013 19:19:25

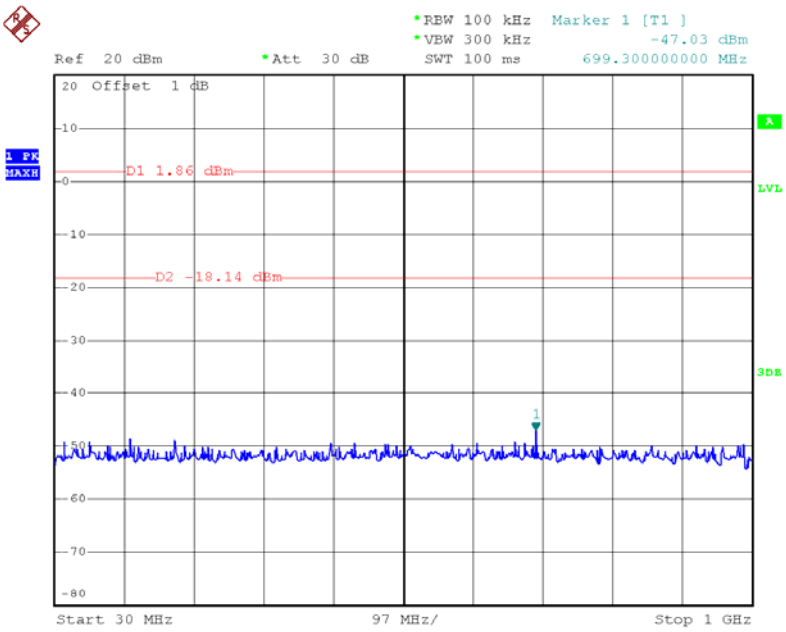
TX B mode CH01 (30M~1000MHz)



TX B mode CH01 (1000MHz~10th Harmonic)

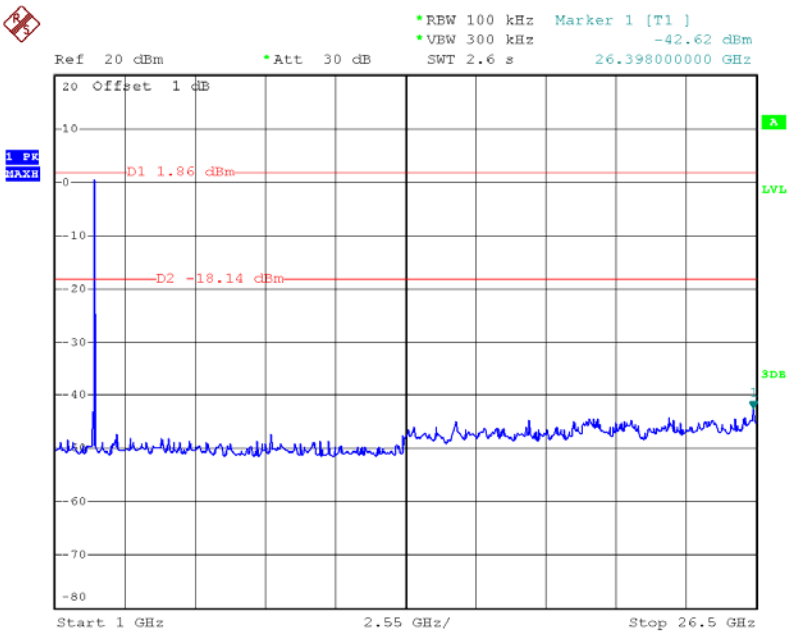


TX B mode CH06 (30M~1000MHz)



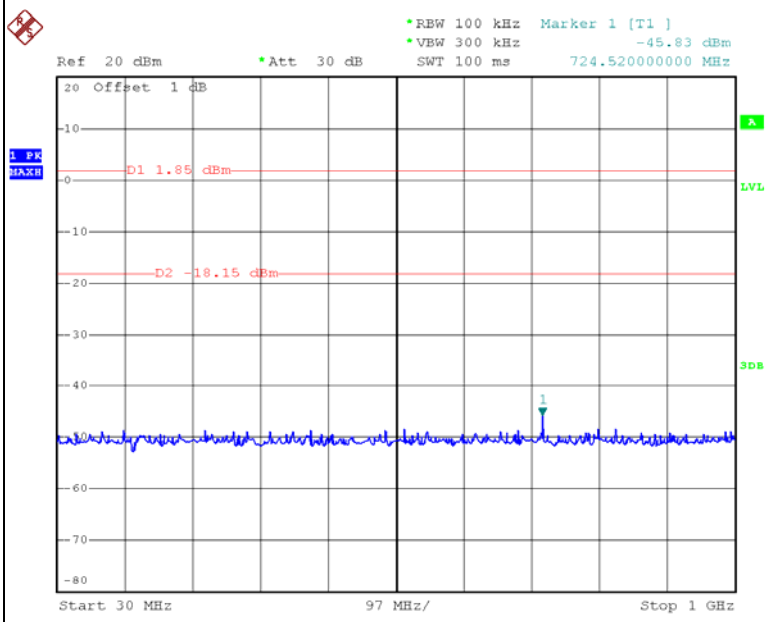
Date: 5.SEP.2013 19:31:40

TX B mode CH06 (1000MHz~10th Harmonic)



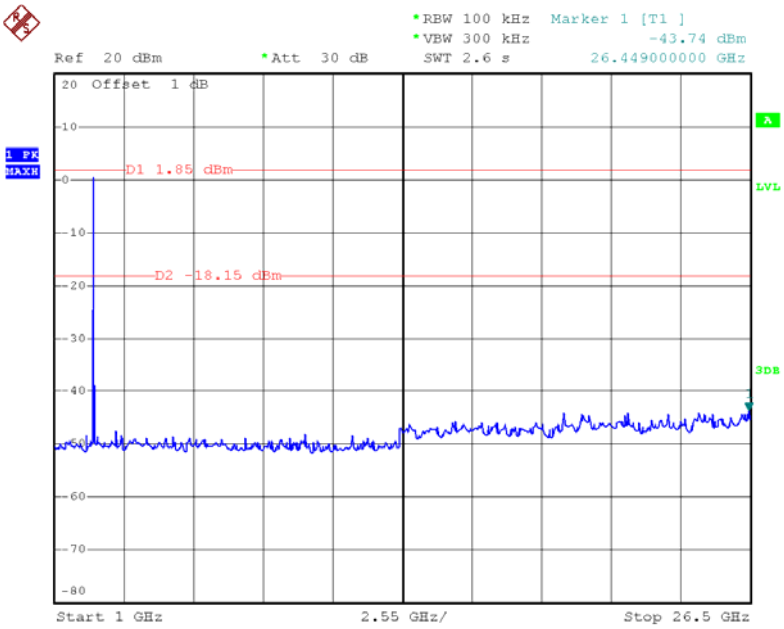
Date: 5.SEP.2013 19:31:33

TX B mode CH11 (30M~1000MHz)



Date: 5.SEP.2013 19:19:43

TX B mode CH11 (1000MHz~10th Harmonic)

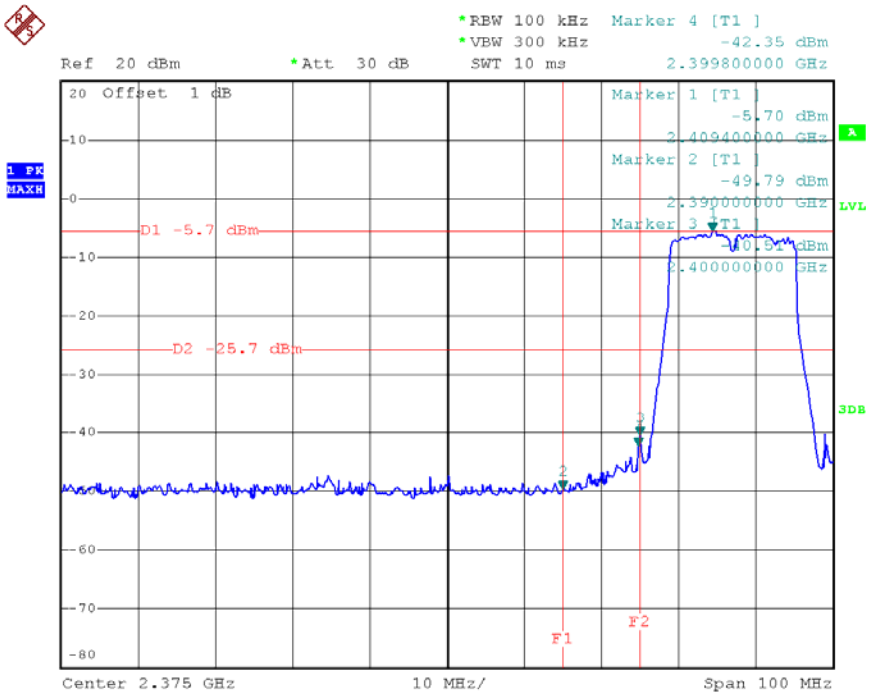


Date: 5.SEP.2013 19:19:55

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE / CH01, CH06 , CH11 / ANT 1 / Dipole Antenna with external cable		

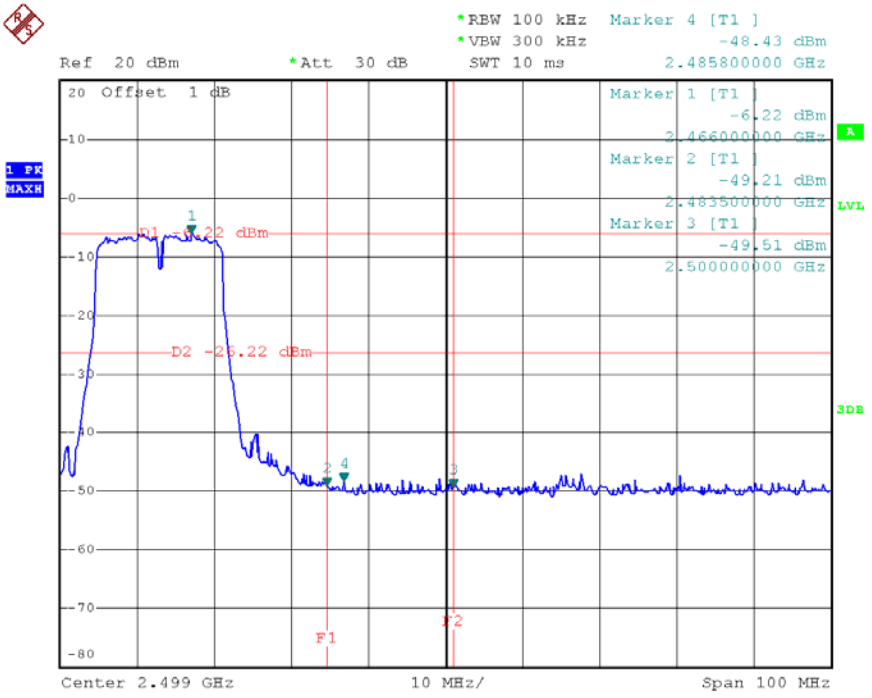
Channel of Worst Data: CH01			
The max. radio frequency power in any 100KHz bandwidth within the frequency band		The max. radio frequency power in any 100 KHz bandwidth outside the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
2400.00	-40.51	2485.80	-48.43
Result			
In any 100KHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100KHz bandwidth within the band that contains the highest lever of the desired power.			

TX G mode CH01



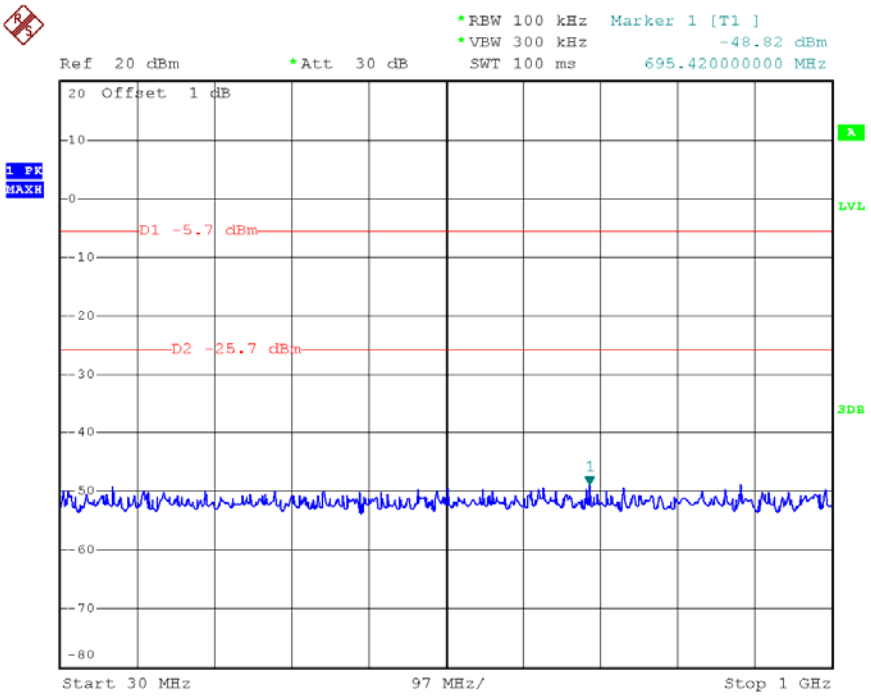
Date: 5.SEP.2013 19:41:29

TX G mode CH11



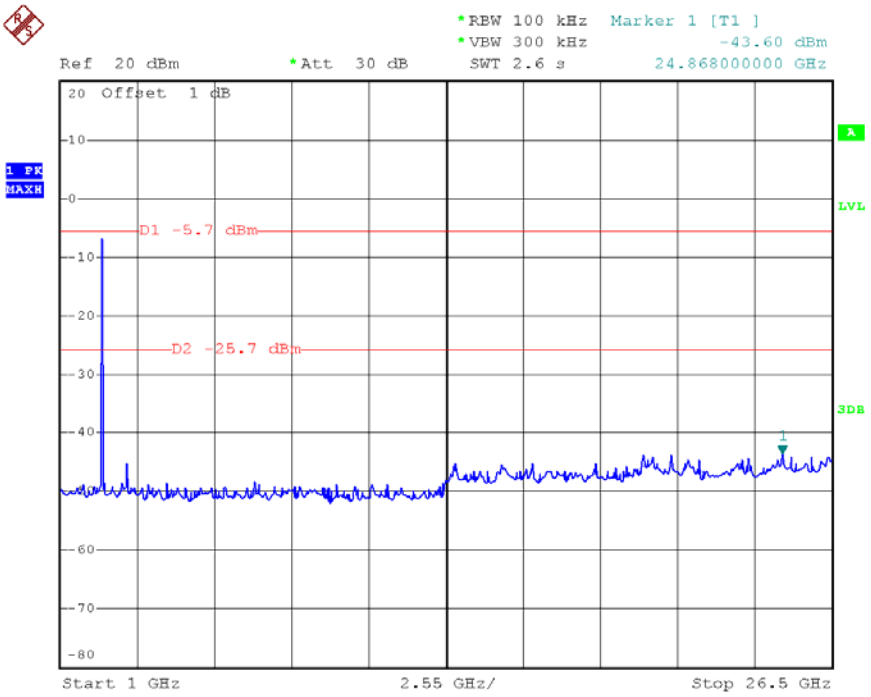
Date: 5.SEP.2013 19:56:07

TX G mode CH01 (30M~1000MHz)



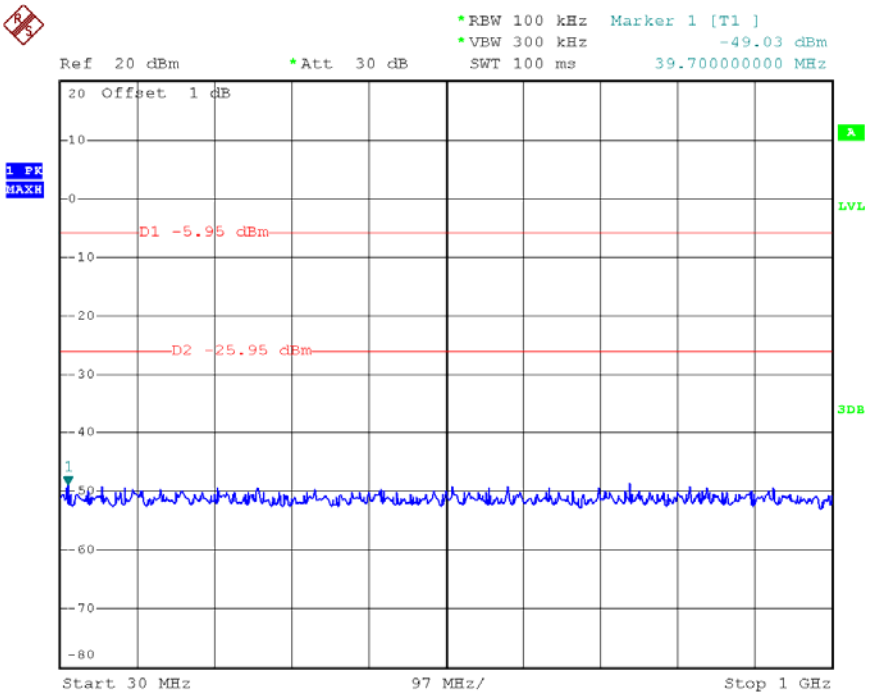
Date: 5.SEP.2013 19:41:39

TX G mode CH01 (1000MHz~10th Harmonic)



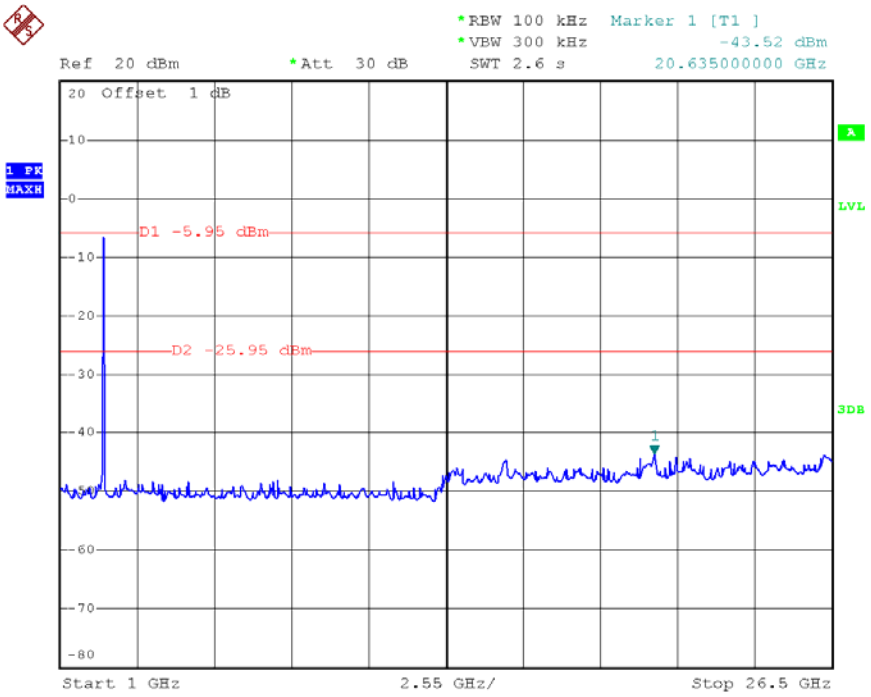
Date: 5.SEP.2013 19:41:50

TX G mode CH06 (30M~1000MHz)



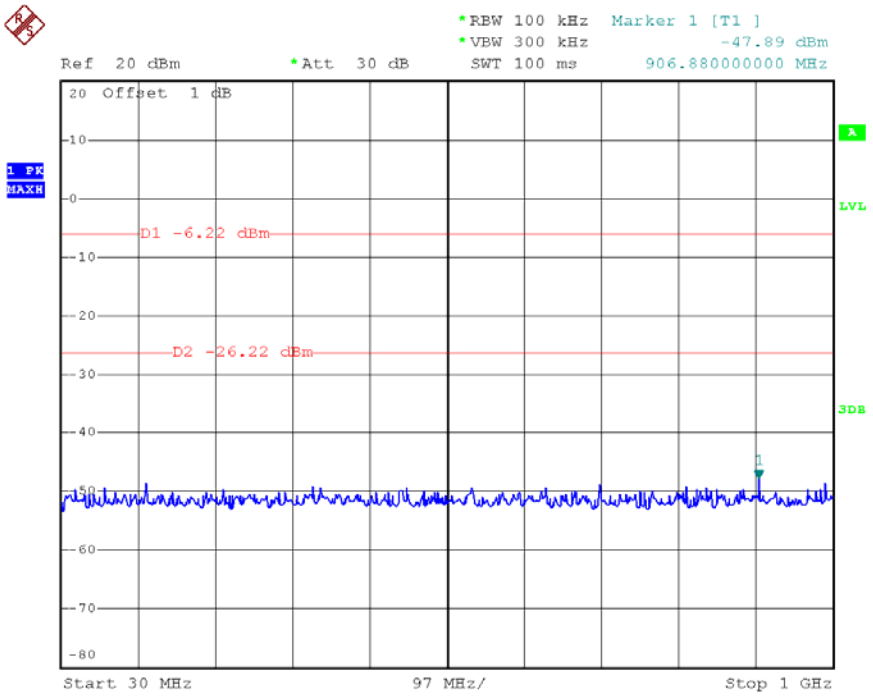
Date: 5.SEP.2013 19:58:39

TX G mode CH06 (1000MHz~10th Harmonic)



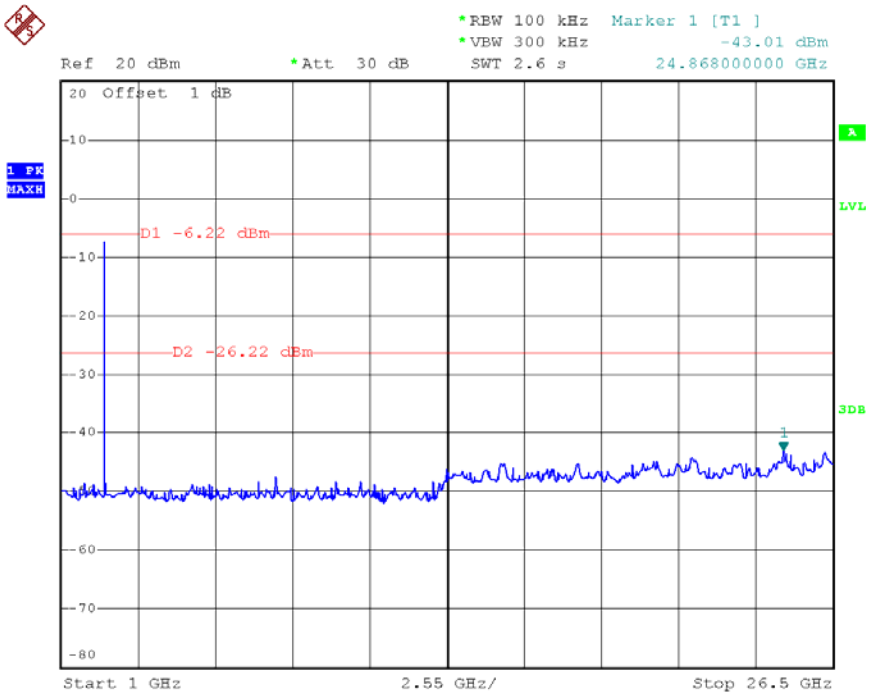
Date: 5.SEP.2013 19:58:50

TX G mode CH11 (30M~1000MHz)



Date: 5.SEP.2013 19:56:20

TX G mode CH11 (1000MHz~10th Harmonic)

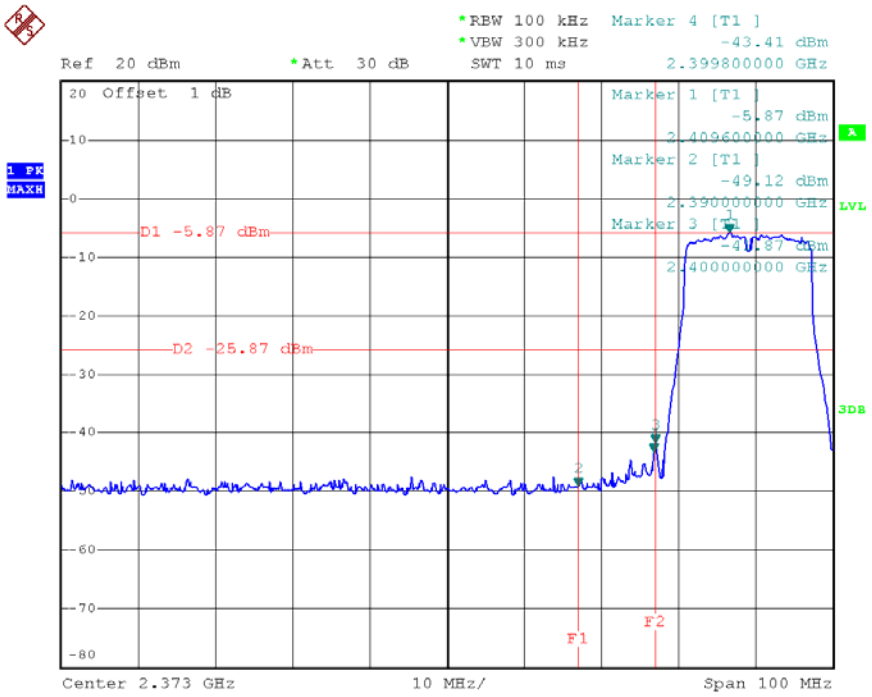


Date: 5.SEP.2013 19:56:32

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE / CH01, CH06 , CH11 / ANT 2 / Dipole Antenna with external cable		

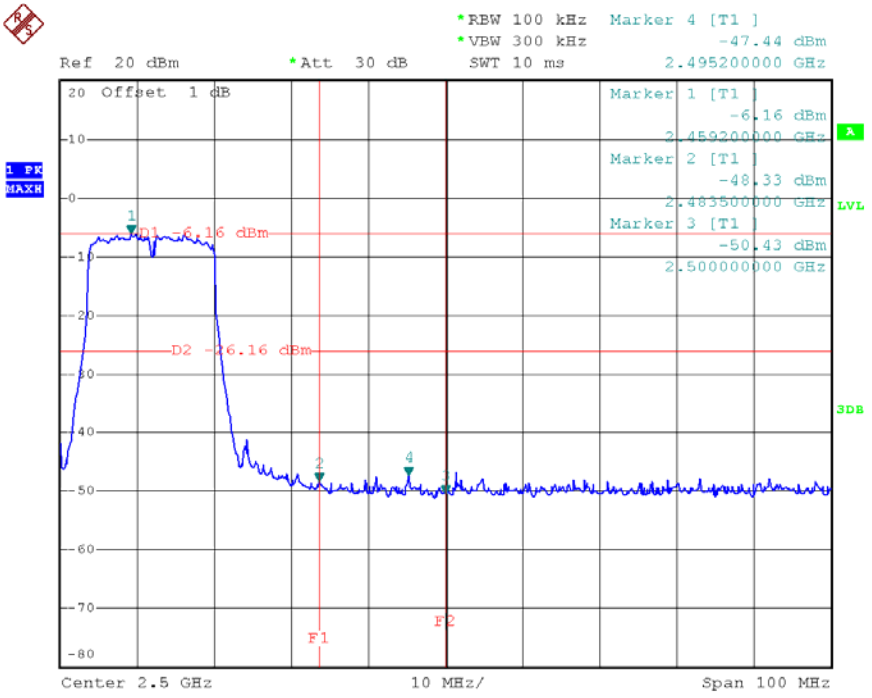
Channel of Worst Data: CH01			
The max. radio frequency power in any 100KHz bandwidth within the frequency band		The max. radio frequency power in any 100 KHz bandwidth outside the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
2400.00	-41.87	2495.20	-47.44
Result			
In any 100KHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100KHz bandwidth within the band that contains the highest lever of the desired power.			

TX G mode CH01



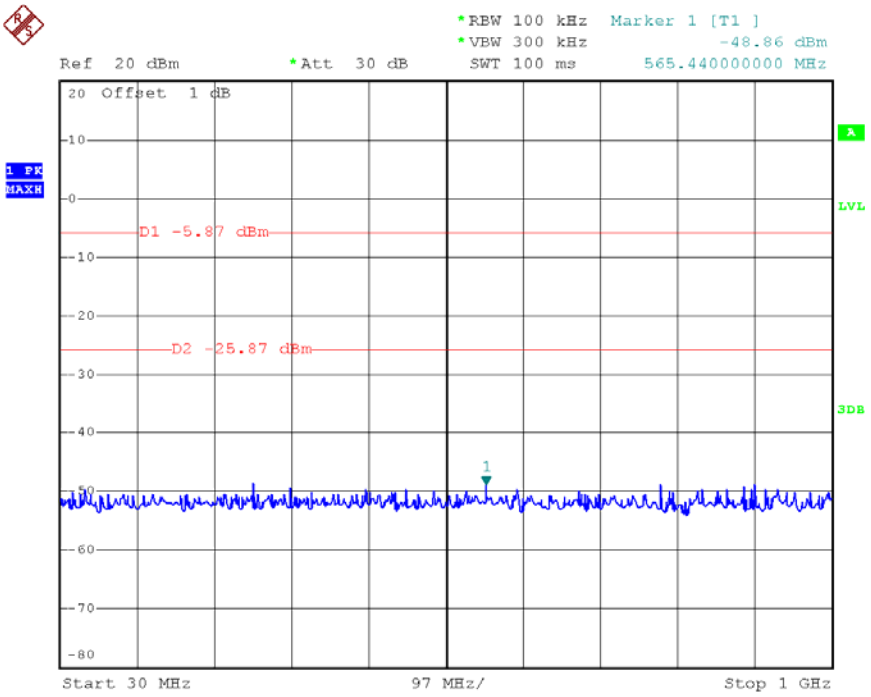
Date: 5.SEP.2013 19:44:45

TX G mode CH11



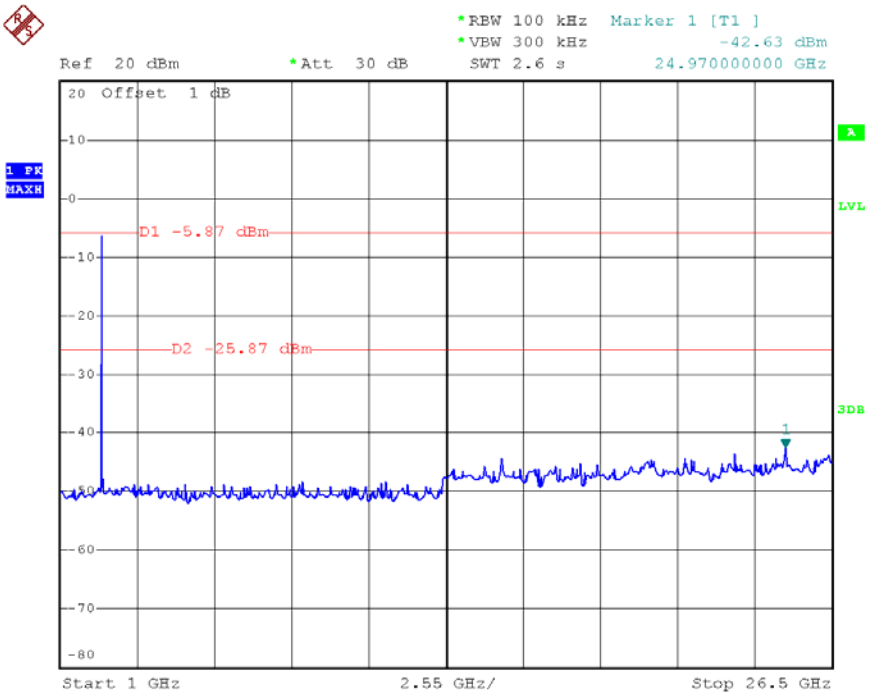
Date: 5.SEP.2013 19:52:56

TX G mode CH01 (30M~1000MHz)



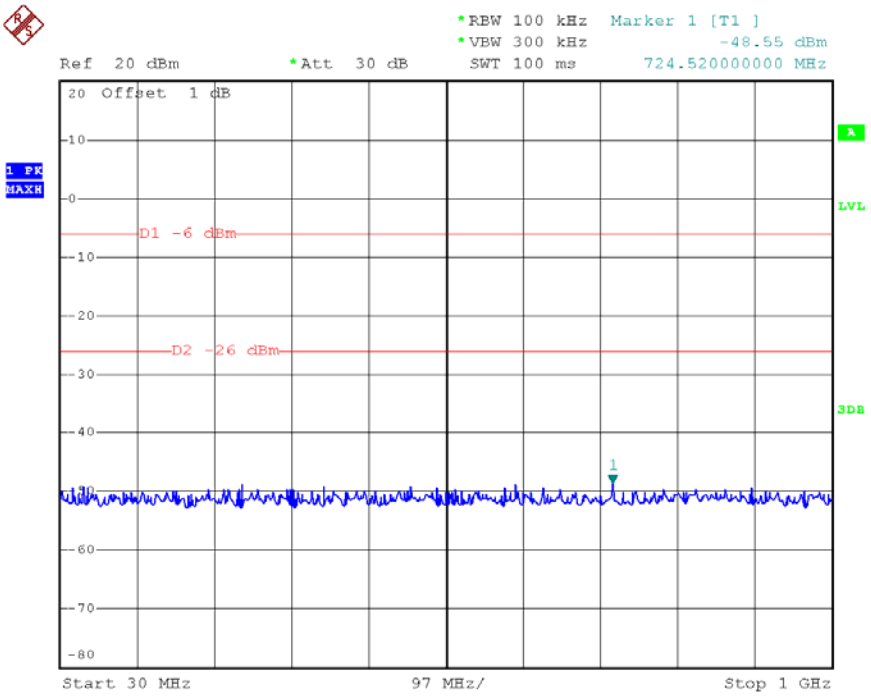
Date: 5.SEP.2013 19:44:58

TX G mode CH01 (1000MHz~10th Harmonic)



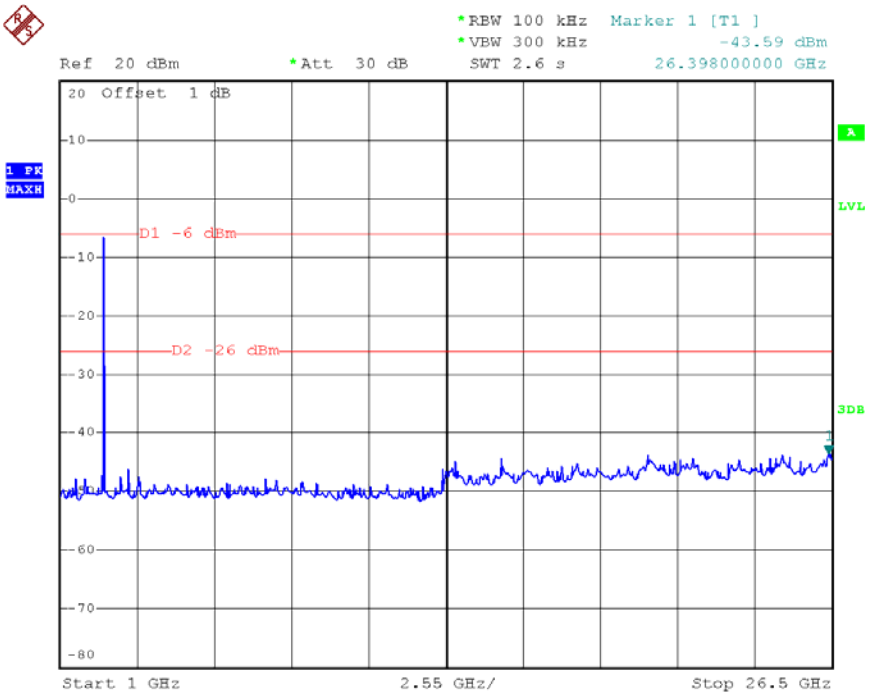
Date: 5.SEP.2013 19:45:09

TX G mode CH06 (30M~1000MHz)



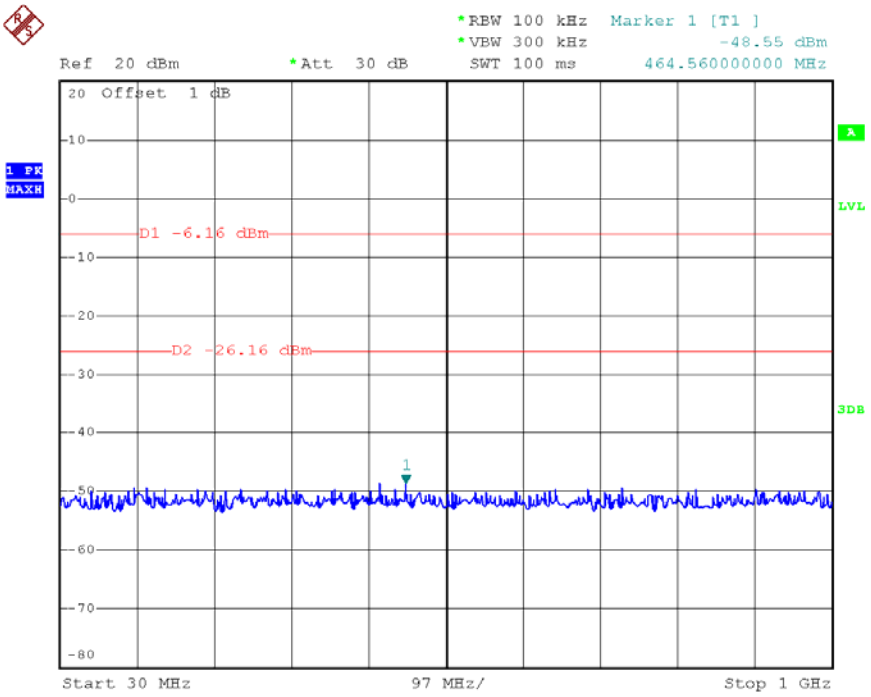
Date: 5.SEP.2013 20:00:05

TX G mode CH06 (1000MHz~10th Harmonic)



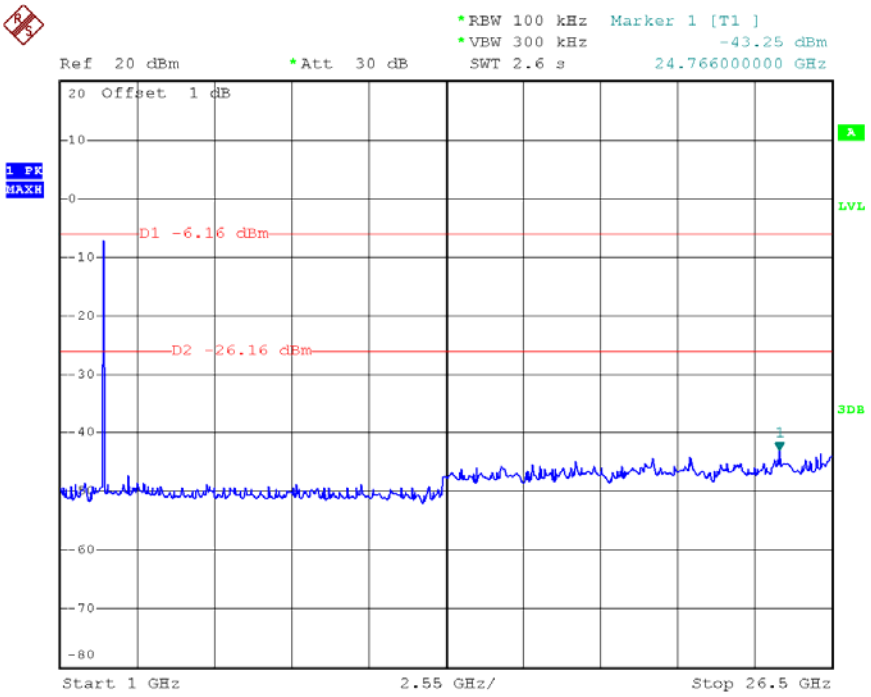
Date: 5.SEP.2013 20:00:17

TX G mode CH11 (30M~1000MHz)



Date: 5.SEP.2013 19:53:21

TX G mode CH11 (1000MHz~10th Harmonic)

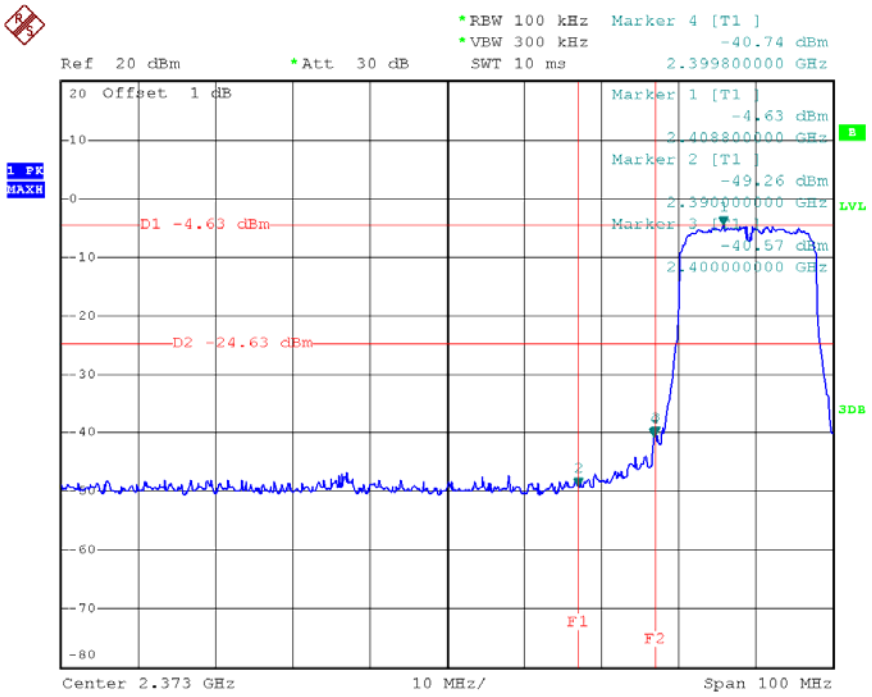


Date: 5.SEP.2013 19:53:33

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE / CH01, CH06 , CH11 / ANT 1 / Dipole Antenna with external cable		

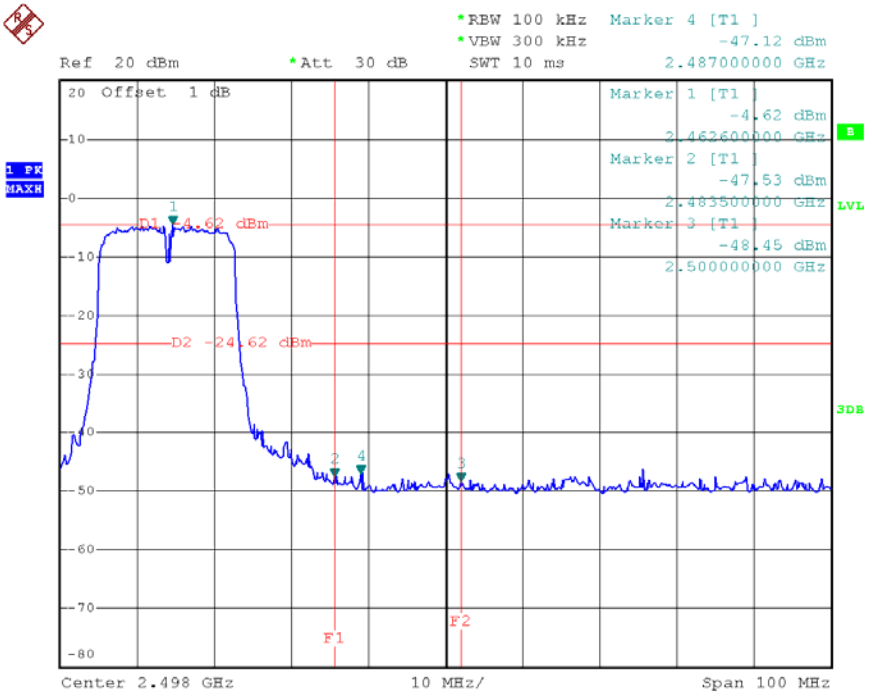
Channel of Worst Data: CH01			
The max. radio frequency power in any 100KHz bandwidth within the frequency band		The max. radio frequency power in any 100 KHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
2400.00	-40.57	2487.00	-47.12
Result			
In any 100KHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100KHz bandwidth within the band that contains the highest lever of the desired power.			

TX HT20 mode CH01



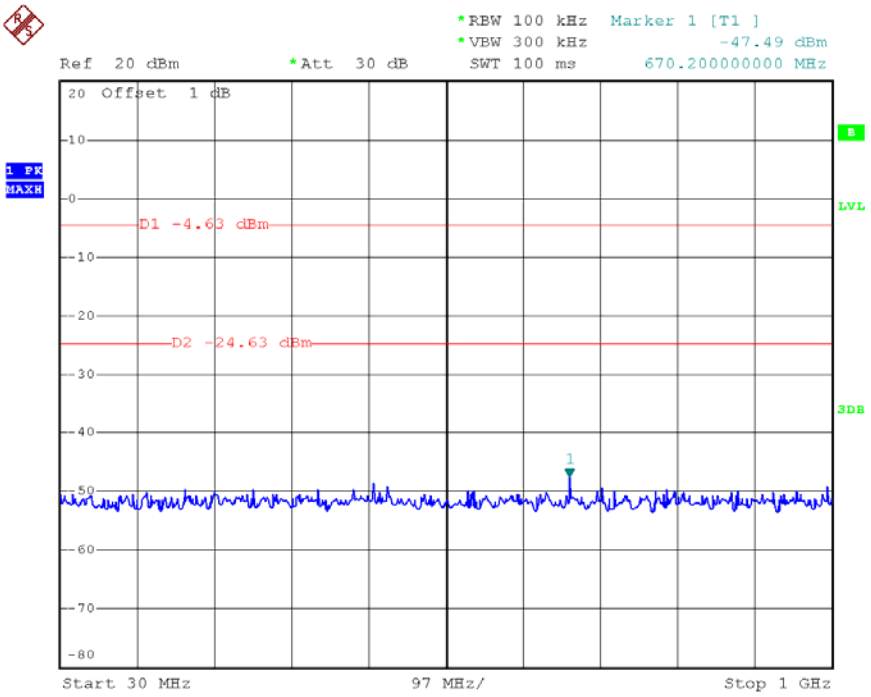
Date: 26.AUG.2013 15:07:42

TX HT20 mode CH11



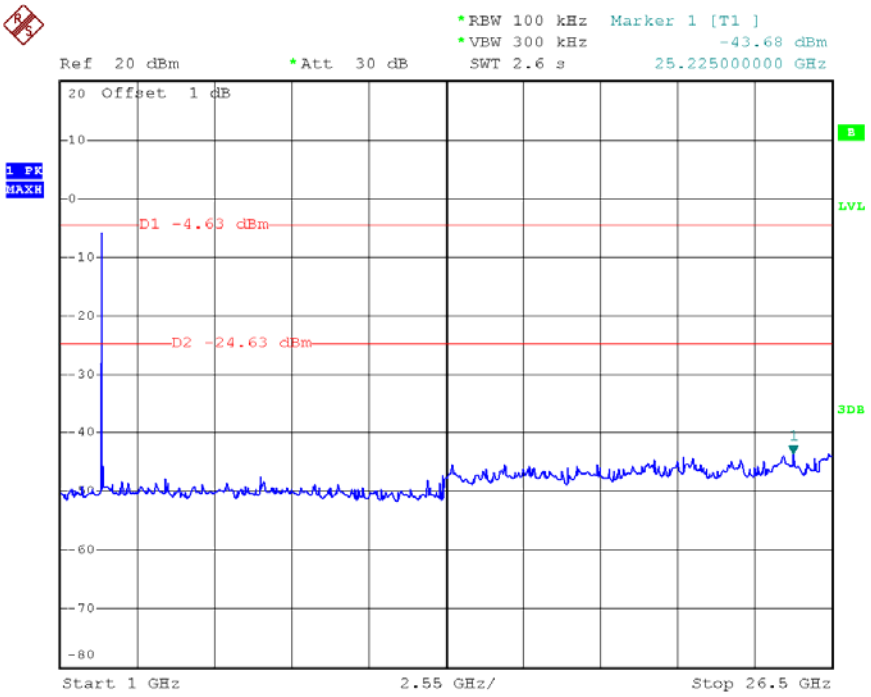
Date: 26.AUG.2013 15:21:24

TX HT20 mode CH01 (30M~1000MHz)



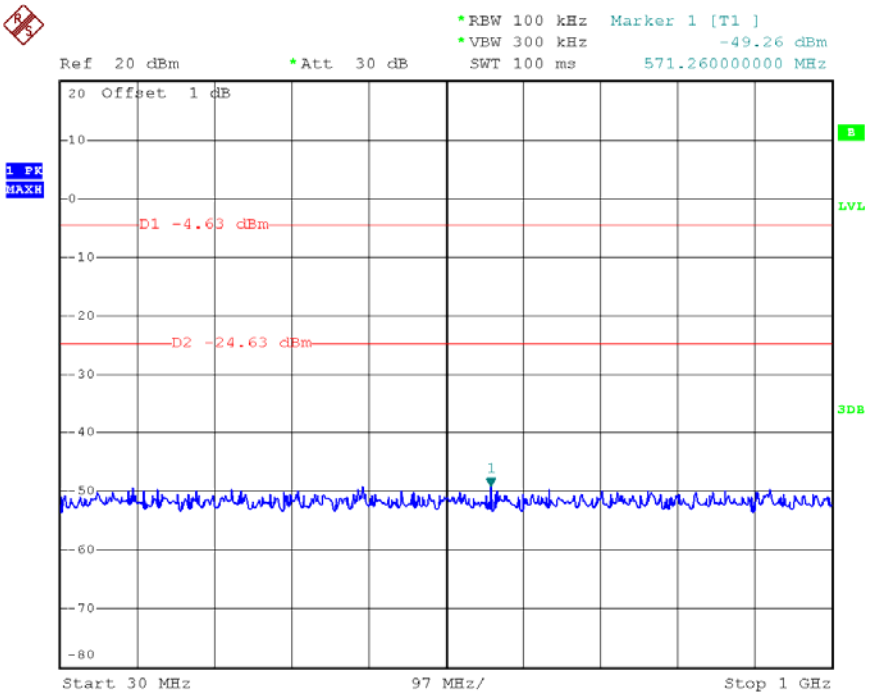
Date: 26.AUG.2013 15:08:00

TX HT20 mode CH01 (1000MHz~10th Harmonic)



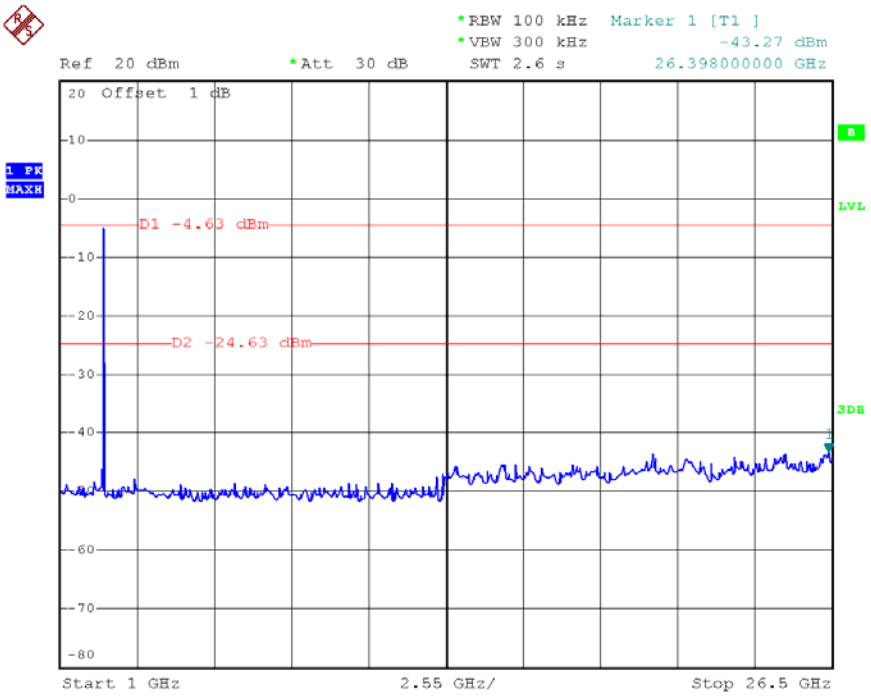
Date: 26.AUG.2013 15:08:14

TX HT20 mode CH06 (30M~1000MHz)



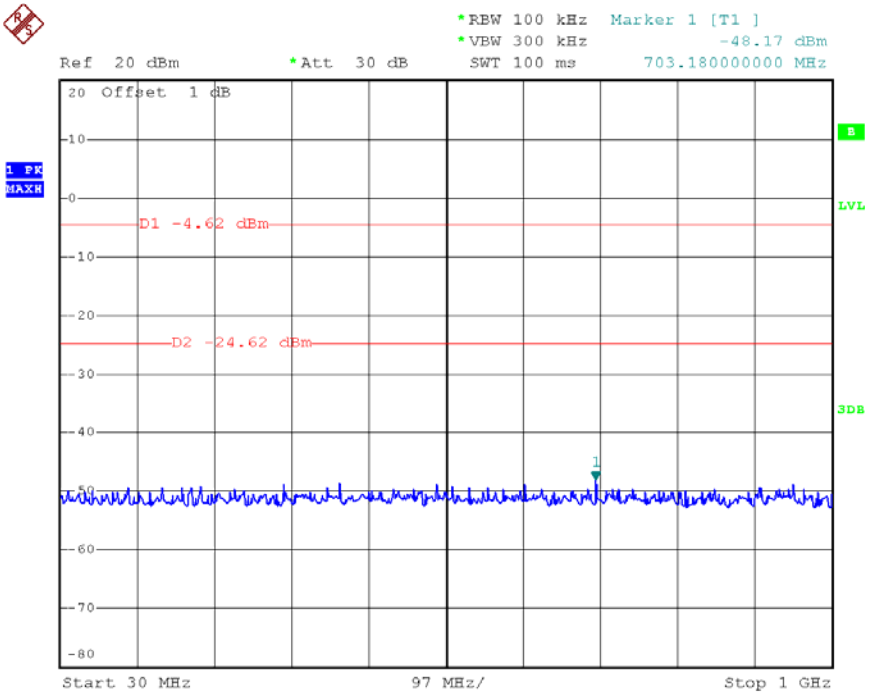
Date: 26.AUG.2013 15:38:26

TX HT20 mode CH06 (1000MHz~10th Harmonic)



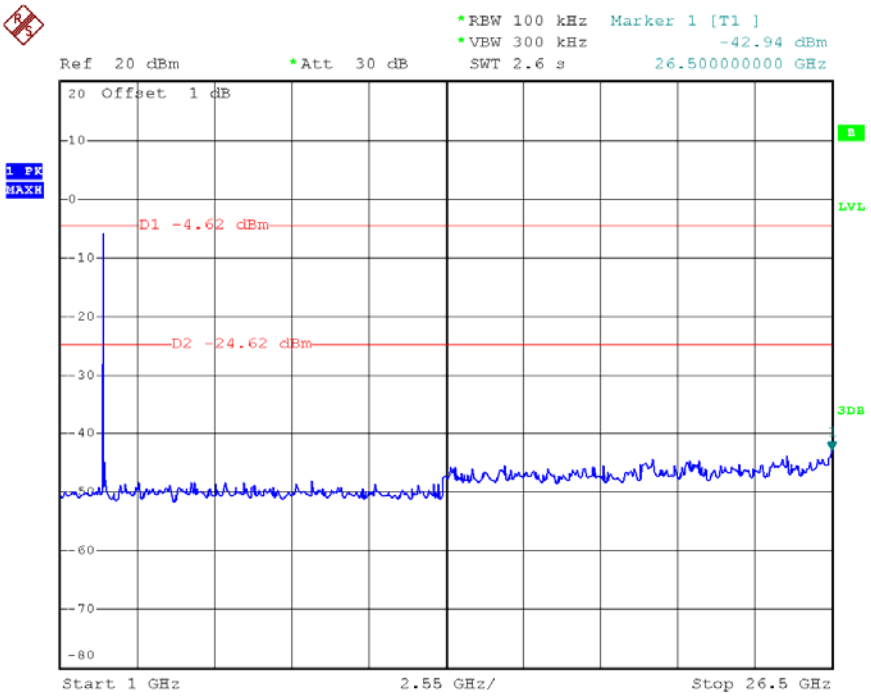
Date: 26.AUG.2013 15:38:18

TX HT20 mode CH11 (30M~1000MHz)



Date: 26.AUG.2013 15:21:36

TX HT20 mode CH11 (1000MHz~10th Harmonic)

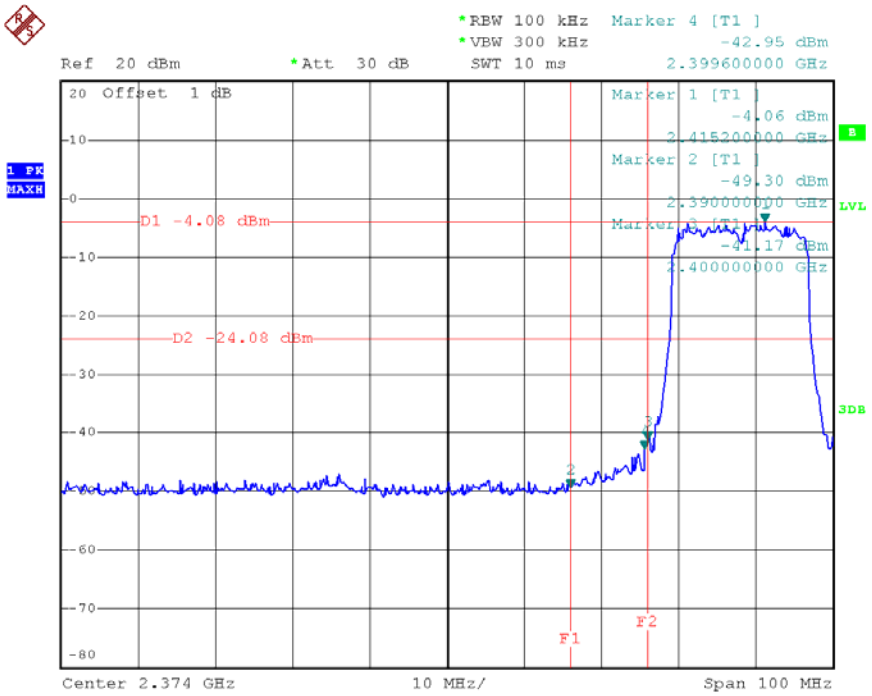


Date: 26.AUG.2013 15:21:51

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-20M MODE / CH01, CH06 , CH11 / ANT 2 / Dipole Antenna with external cable		

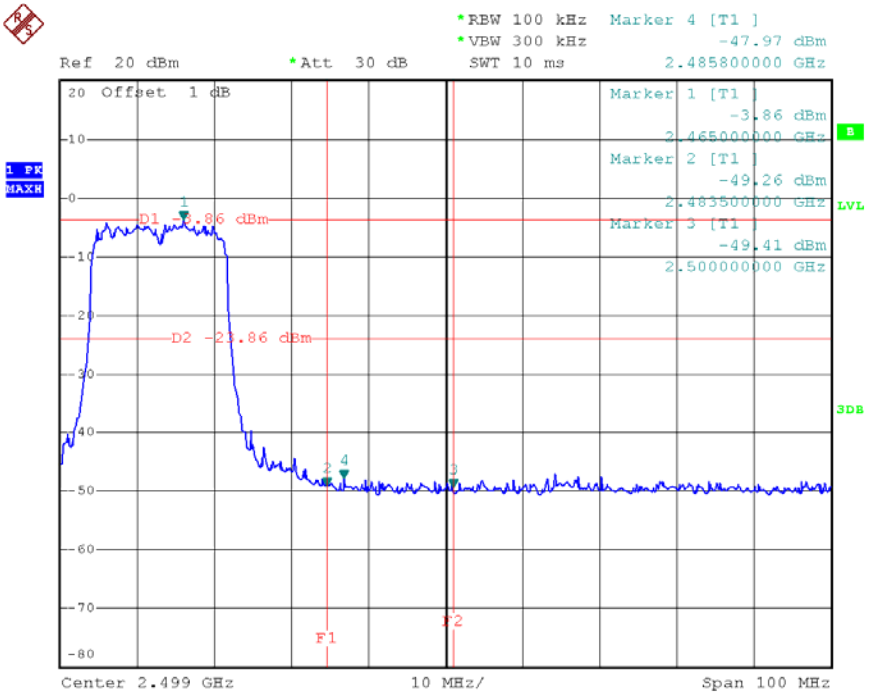
Channel of Worst Data: CH01			
The max. radio frequency power in any 100KHz bandwidth within the frequency band		The max. radio frequency power in any 100 KHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
2400.00	-41.17	2485.80	-47.97
Result			
In any 100KHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100KHz bandwidth within the band that contains the highest lever of the desired power.			

TX HT20 mode CH01



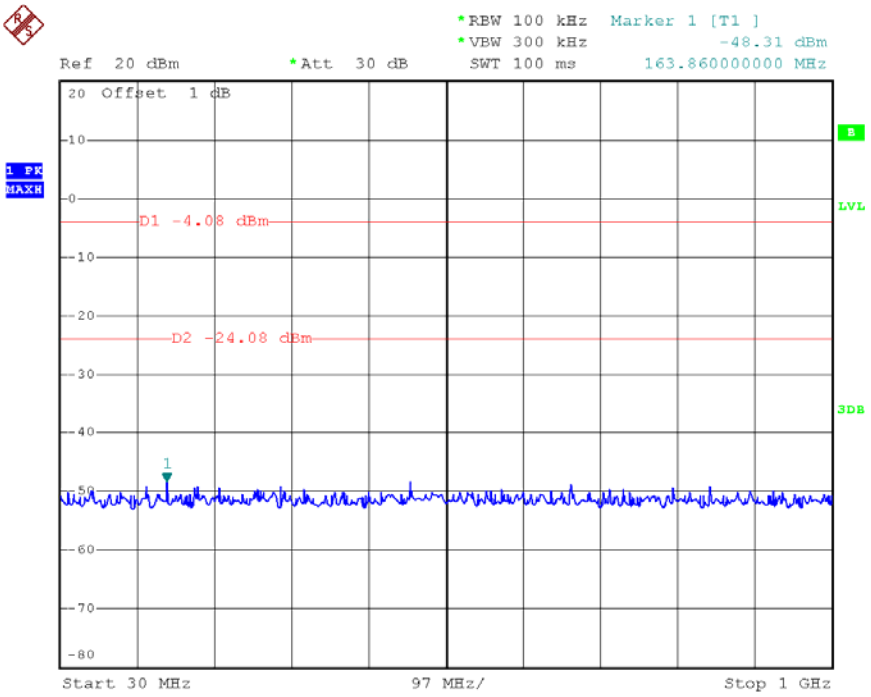
Date: 26.AUG.2013 15:10:38

TX HT20 mode CH11



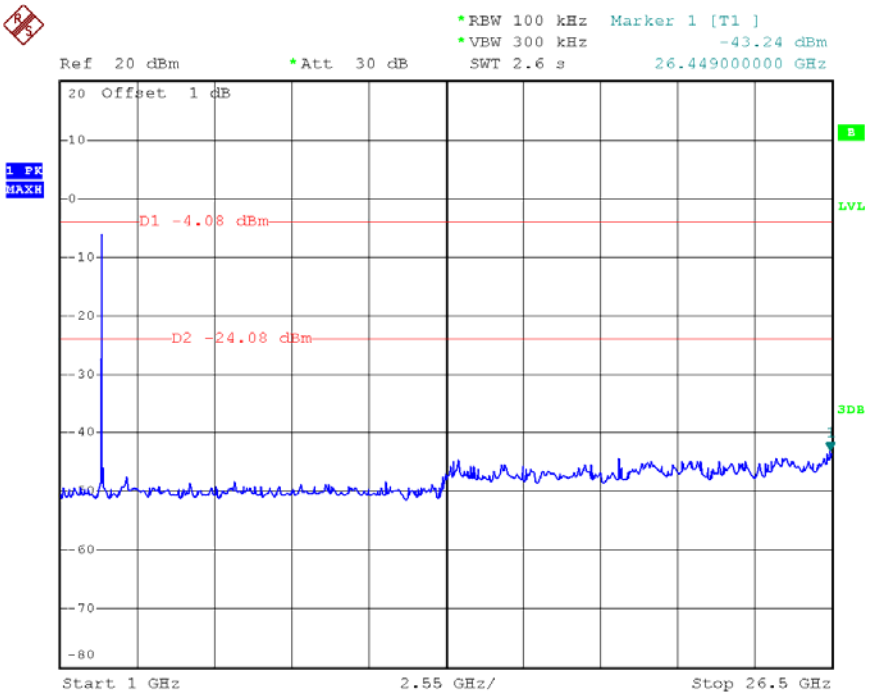
Date: 26.AUG.2013 15:24:20

TX HT20 mode CH01 (30M~1000MHz)



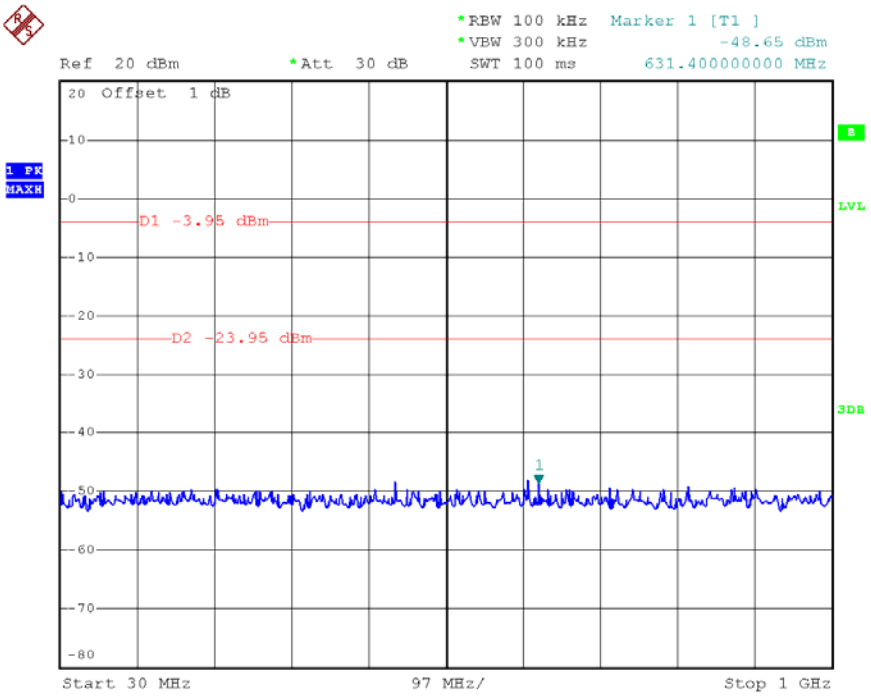
Date: 26.AUG.2013 15:10:50

TX HT20 mode CH01 (1000MHz~10th Harmonic)



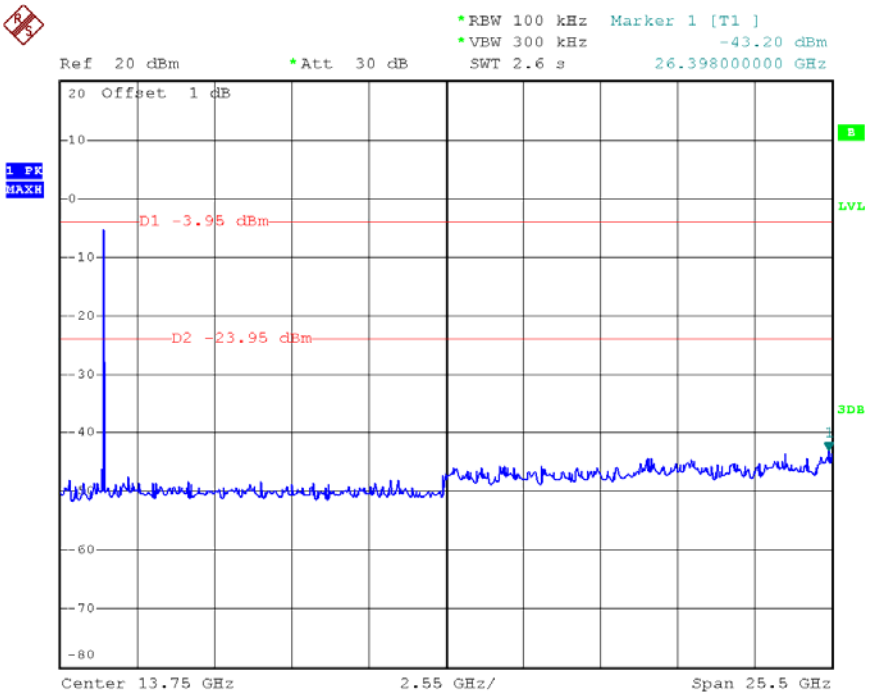
Date: 26.AUG.2013 15:11:03

TX HT20 mode CH06 (30M~1000MHz)



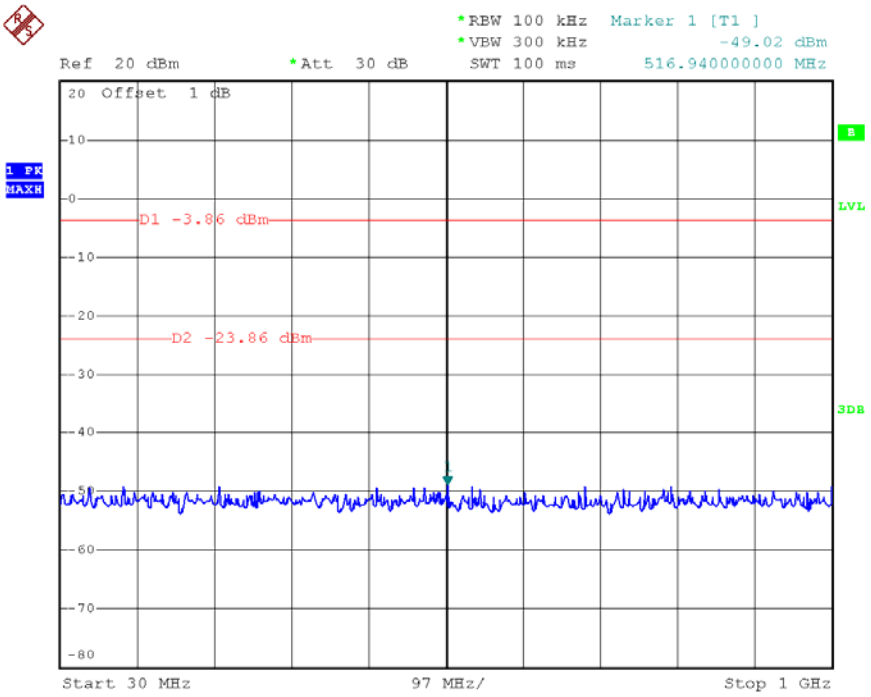
Date: 26.AUG.2013 15:40:16

TX HT20 mode CH06 (1000MHz~10th Harmonic)



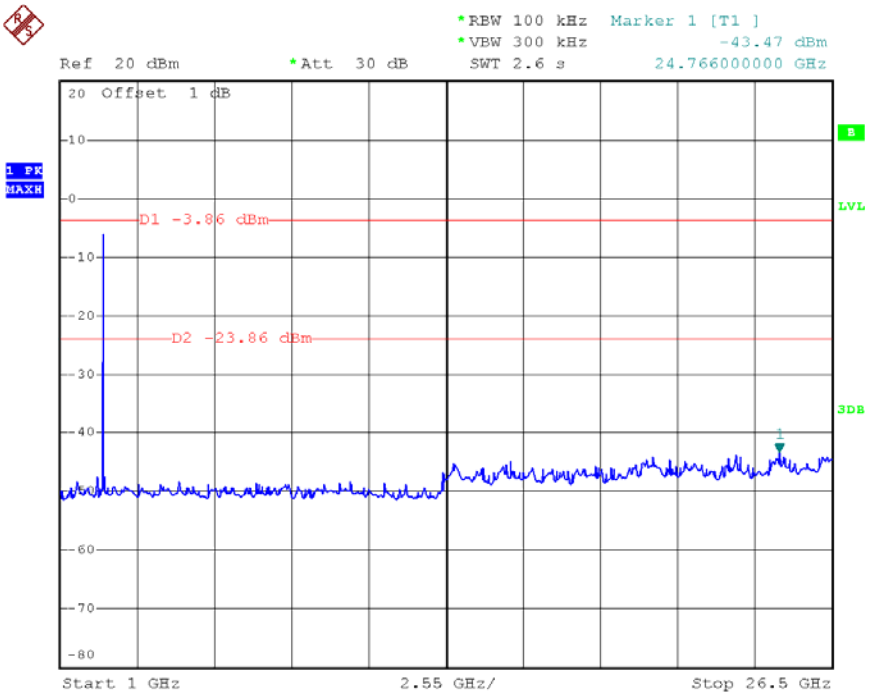
Date: 26.AUG.2013 15:40:07

TX HT20 mode CH11 (30M~1000MHz)



Date: 26.AUG.2013 15:25:48

TX HT20 mode CH11 (1000MHz~10th Harmonic)

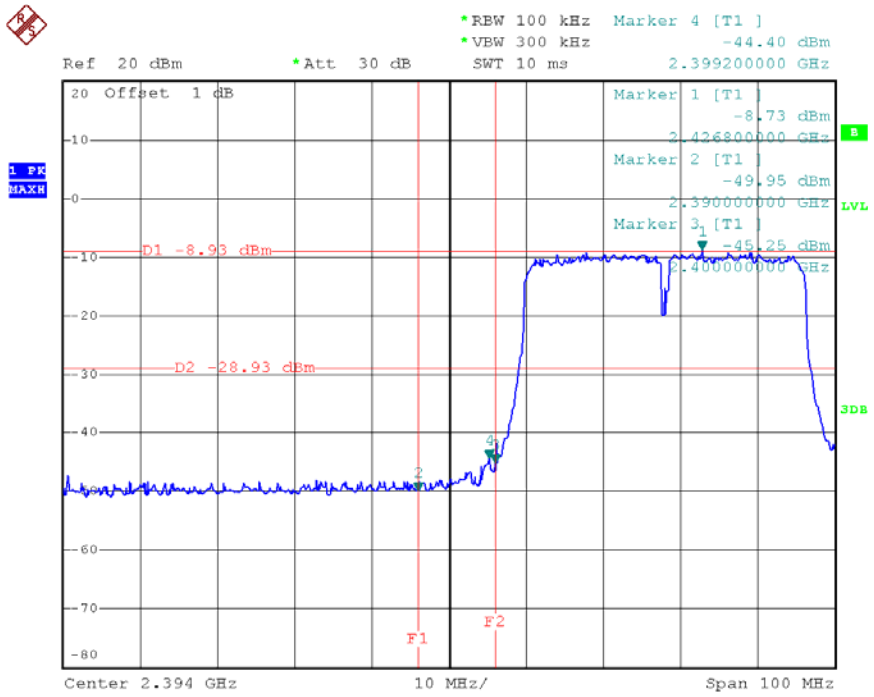


Date: 26.AUG.2013 15:26:01

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE / CH03, CH06 , CH09 / ANT 1 / Dipole Antenna with external cable		

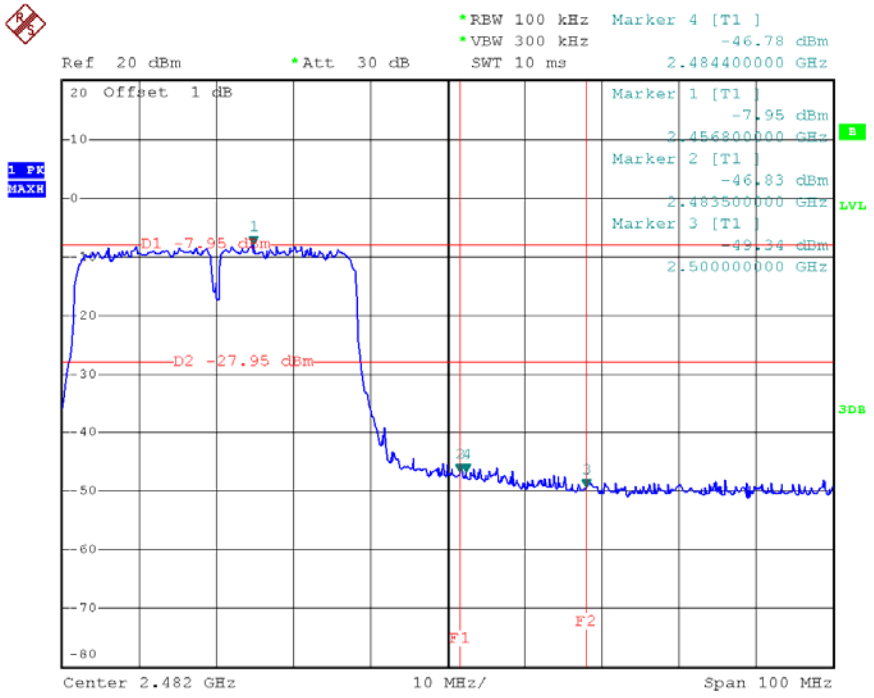
Channel of Worst Data: CH03			
The max. radio frequency power in any 100KHz bandwidth within the frequency band		The max. radio frequency power in any 100 KHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
2399.20	-44.40	2484.40	-46.78
Result			
In any 100KHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100KHz bandwidth within the band that contains the highest lever of the desired power.			

TX HT40 mode CH03



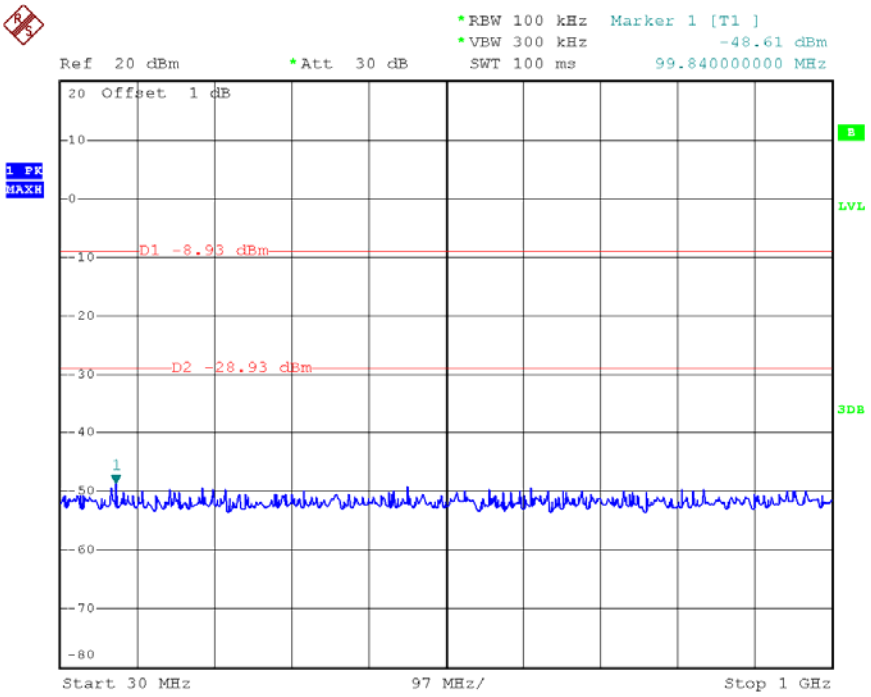
Date: 26.AUG.2013 16:25:38

TX HT40 mode CH09



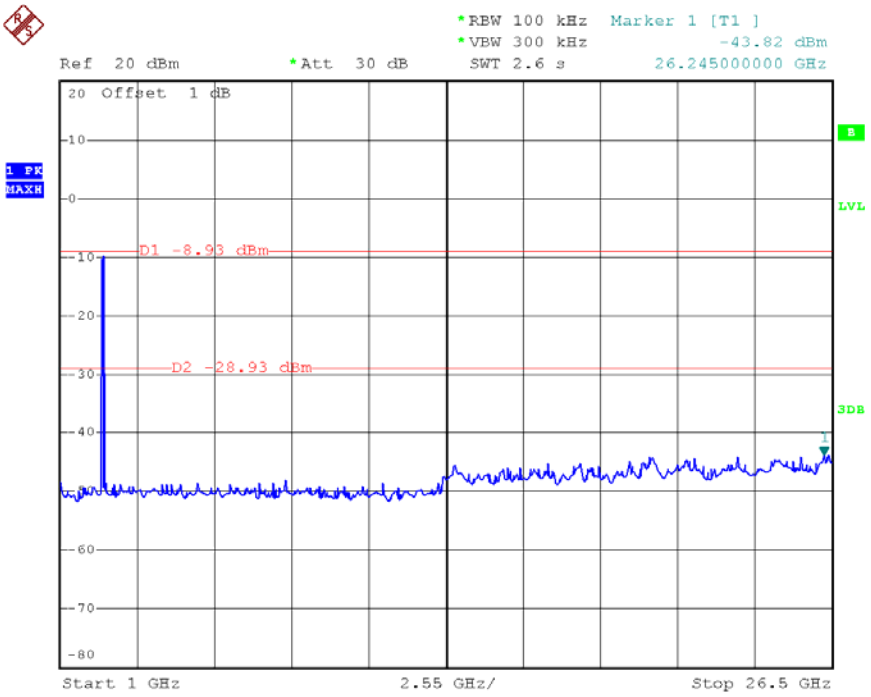
Date: 26.AUG.2013 16:35:26

TX HT40 mode CH03 (30M~1000MHz)



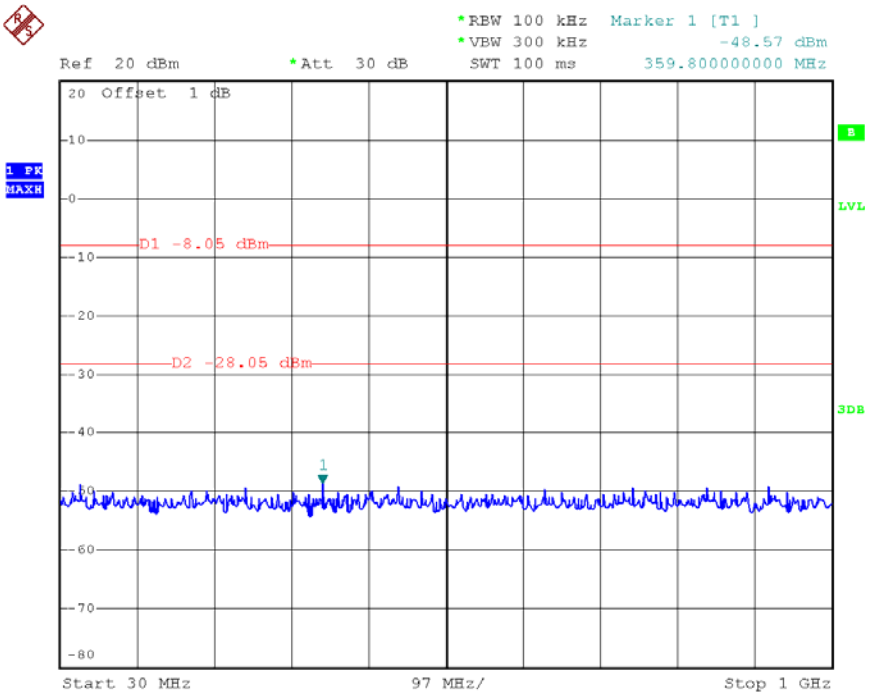
Date: 26.AUG.2013 16:25:51

TX HT40 mode CH03 (1000MHz~10th Harmonic)



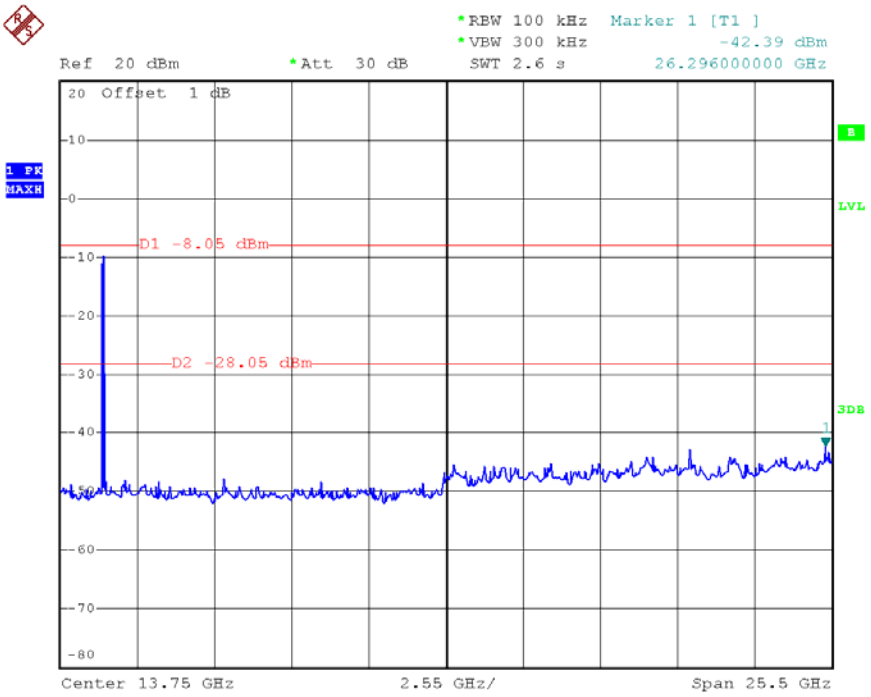
Date: 26.AUG.2013 16:26:03

TX HT40 mode CH06 (30M~1000MHz)



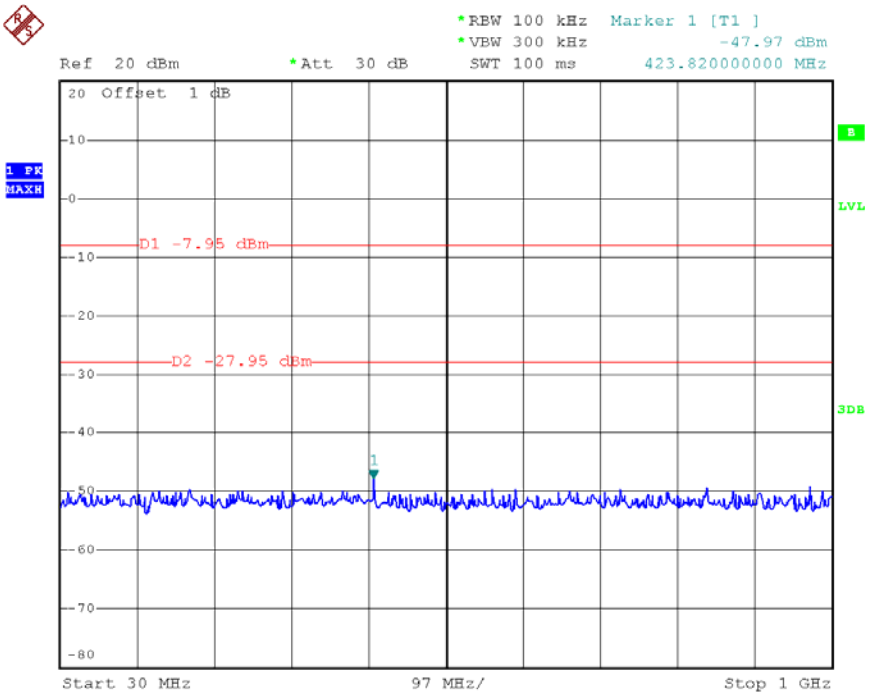
Date: 26.AUG.2013 17:11:41

TX HT40 mode CH06 (1000MHz~10th Harmonic)



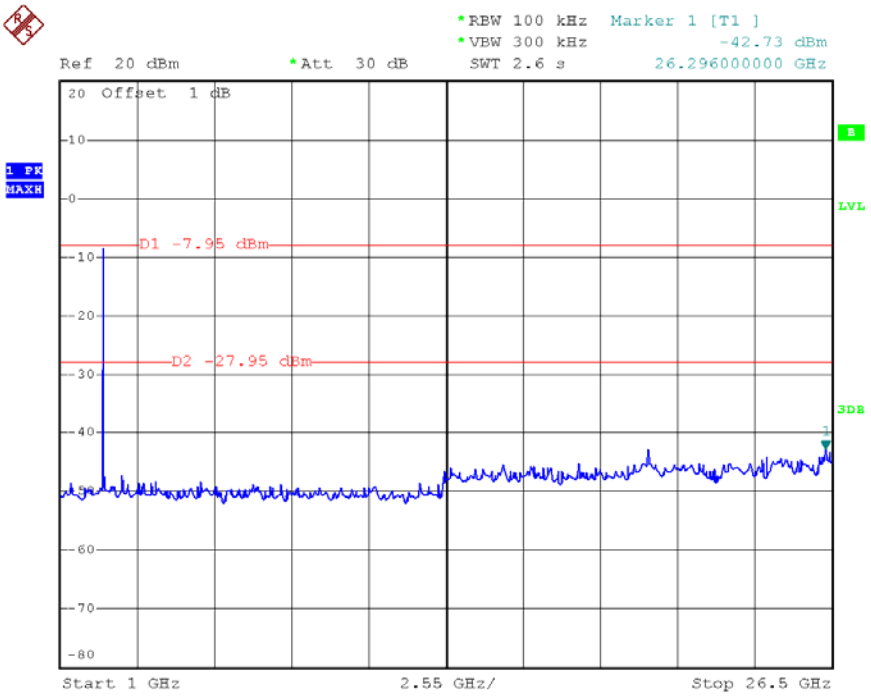
Date: 26.AUG.2013 17:11:35

TX HT40 mode CH09 (30M~1000MHz)



Date: 26.AUG.2013 16:35:37

TX HT40 mode CH09 (1000MHz~10th Harmonic)

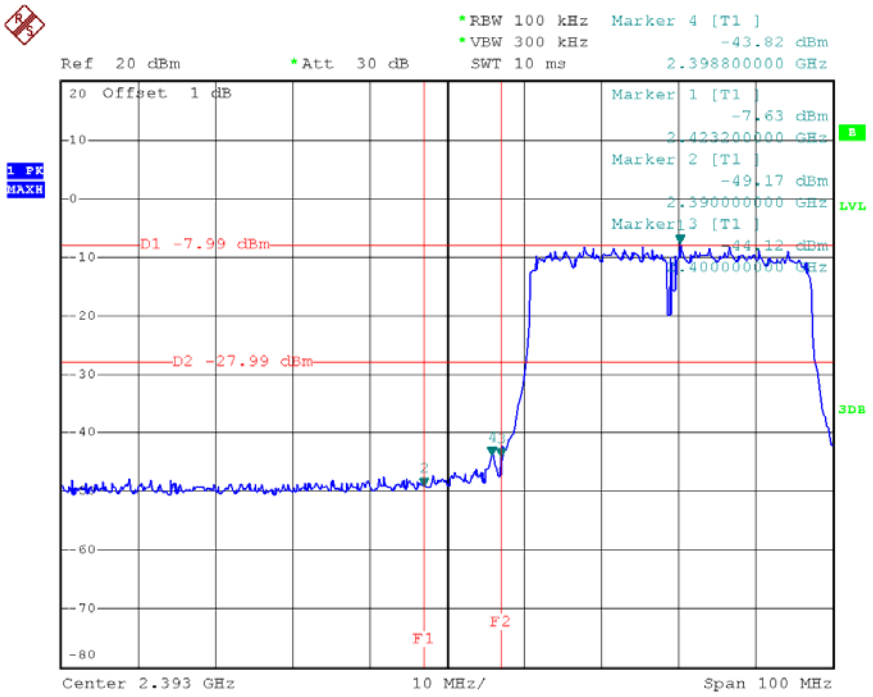


Date: 26.AUG.2013 16:35:50

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N-40M MODE / CH03, CH06 , CH09 / ANT 2 / Dipole Antenna with external cable		

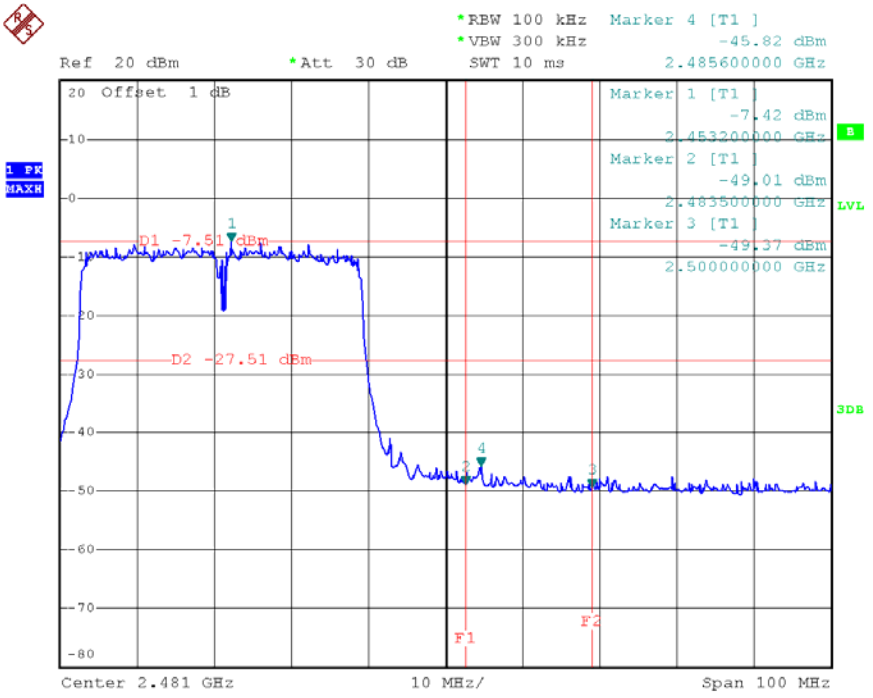
Channel of Worst Data: CH03			
The max. radio frequency power in any 100KHz bandwidth within the frequency band		The max. radio frequency power in any 100 KHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
2398.80	-43.82	2485.60	-45.82
Result			
In any 100KHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100KHz bandwidth within the band that contains the highest lever of the desired power.			

TX HT40 mode CH03



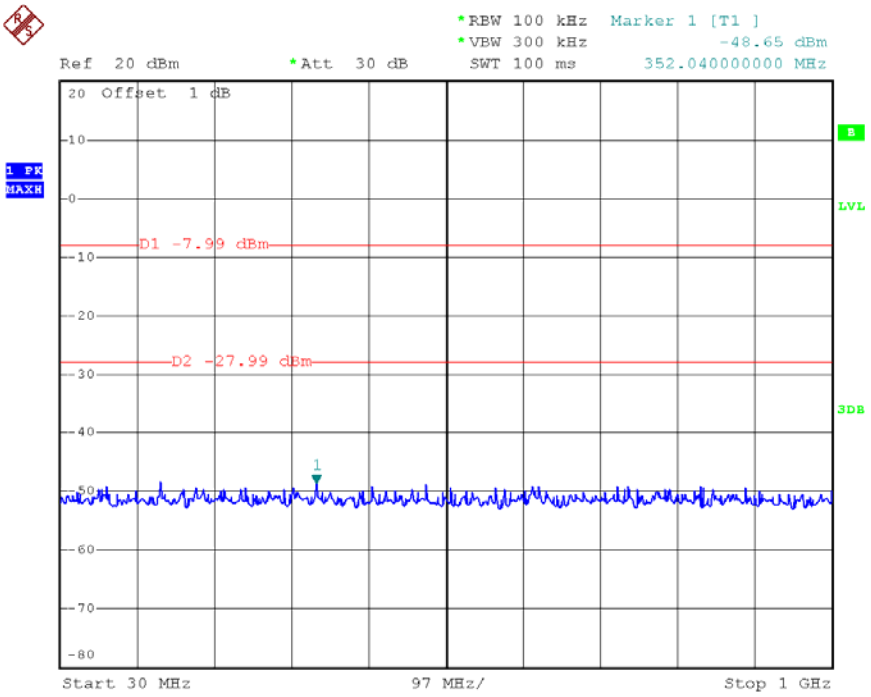
Date: 26.AUG.2013 16:29:33

TX HT40 mode CH09



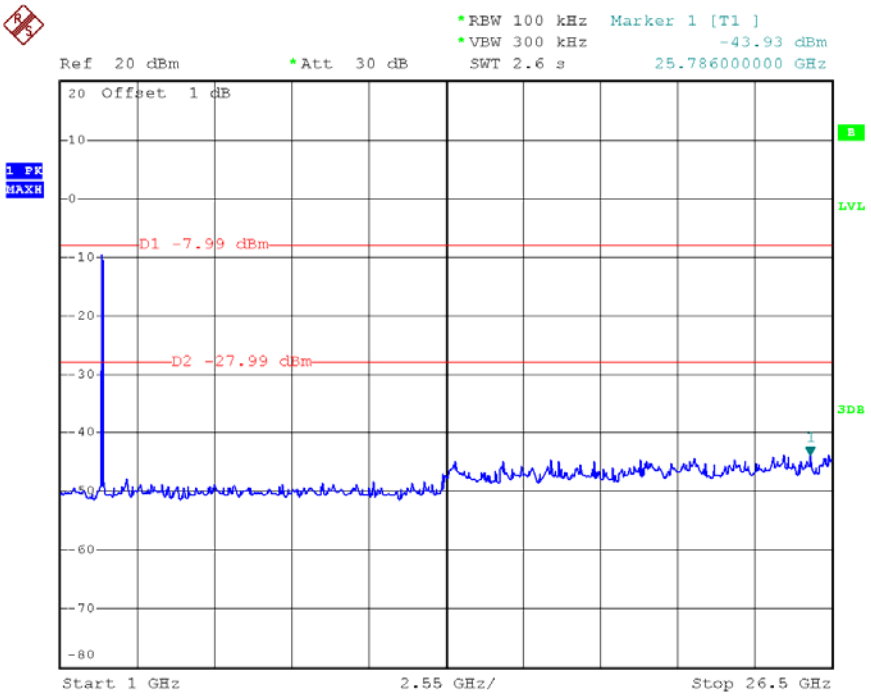
Date: 26.AUG.2013 16:40:22

TX HT40 mode CH03 (30M~1000MHz)



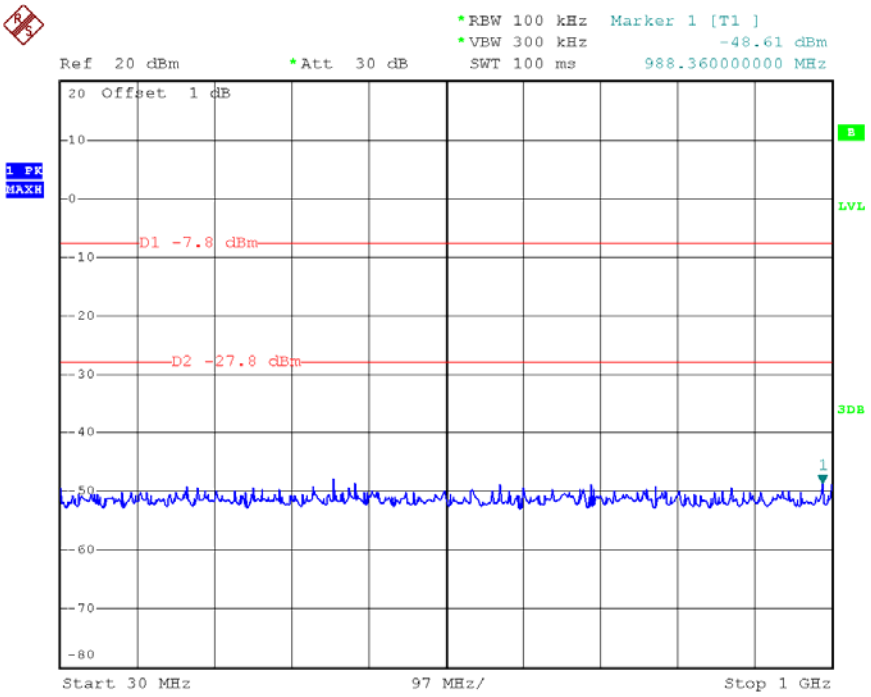
Date: 26.AUG.2013 16:29:44

TX HT40 mode CH03 (1000MHz~10th Harmonic)



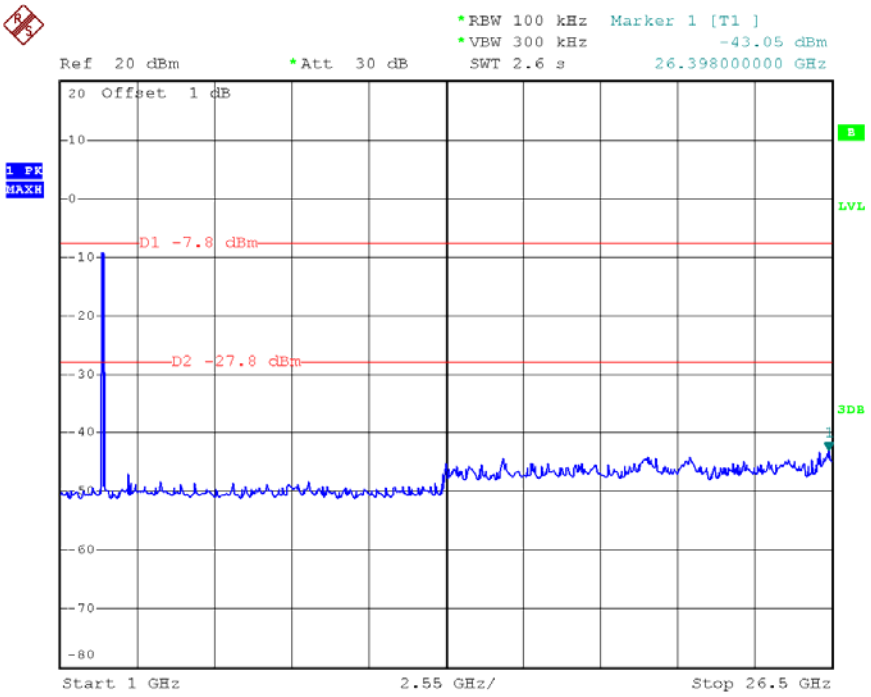
Date: 26.AUG.2013 16:30:01

TX HT40 mode CH06 (30M~1000MHz)



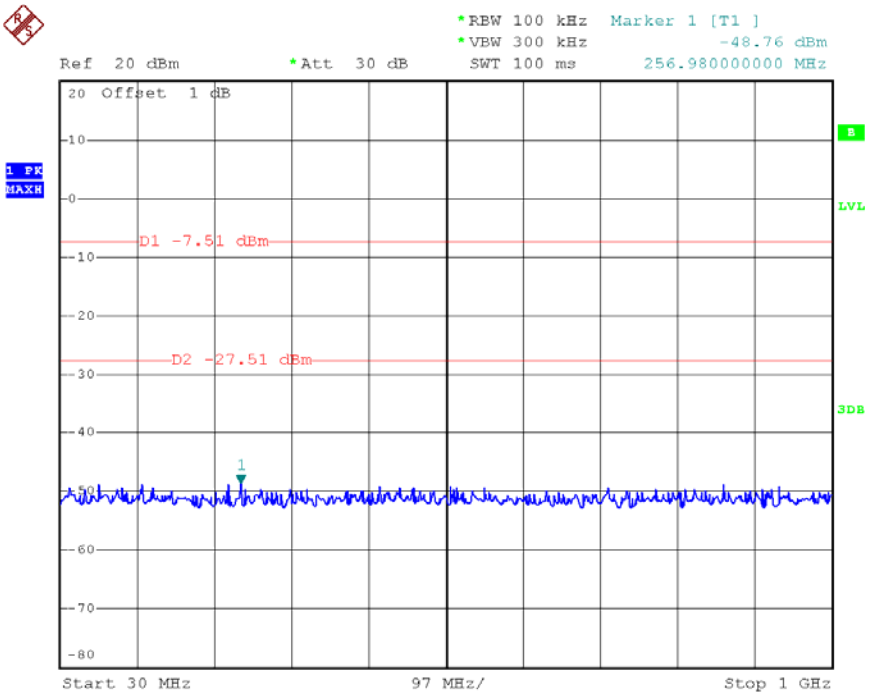
Date: 26.AUG.2013 17:14:13

TX HT40 mode CH06 (1000MHz~10th Harmonic)



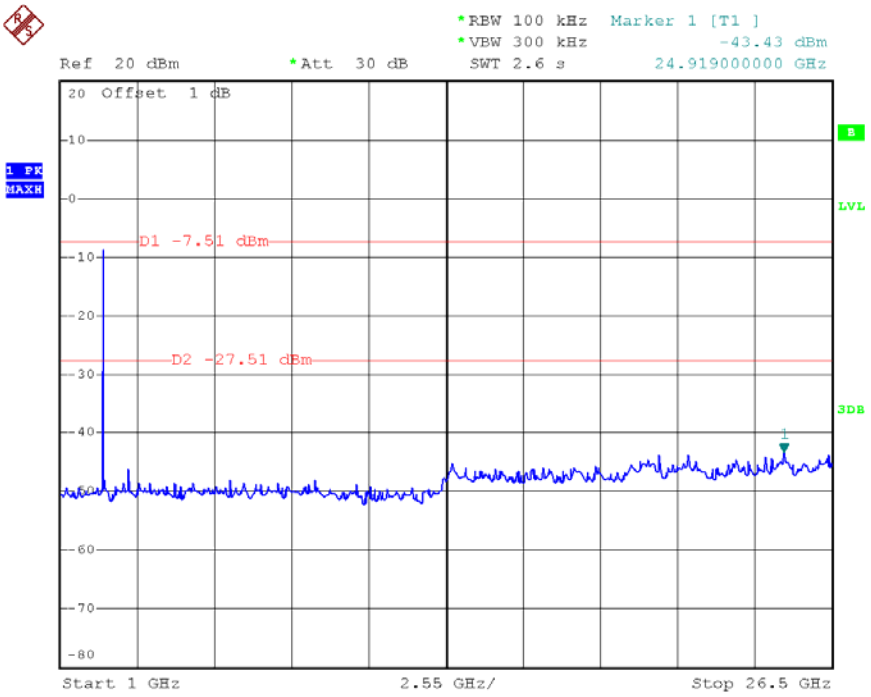
Date: 26.AUG.2013 17:14:04

TX HT40 mode CH09 (30M~1000MHz)



Date: 26.AUG.2013 16:40:35

TX HT40 mode CH09 (1000MHz~10th Harmonic)



Date: 26.AUG.2013 16:40:48

8. POWER SPECTRAL DENSITY TEST

8.1 Applied procedures / limit

FCC Part15 (15.247) , Subpart C / RSS-210				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e) RSS-210 Annex 8(A8.2(b))	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS

8.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 16, 2013

Remark: ”N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

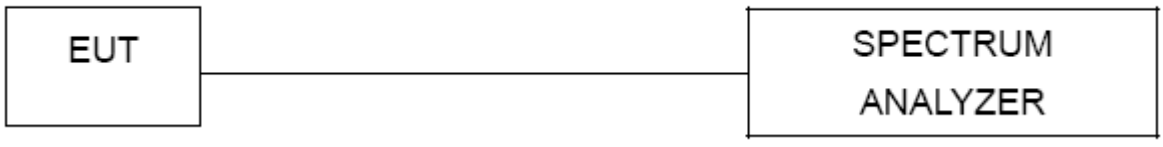
8.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting: RBW=3KHz, VBW=10KHz, Sweep time = Auto.

8.1.3 DEVIATION FROM STANDARD

No deviation.

8.1.4 TEST SETUP



8.1.5 EUT OPERATION CONDITIONS

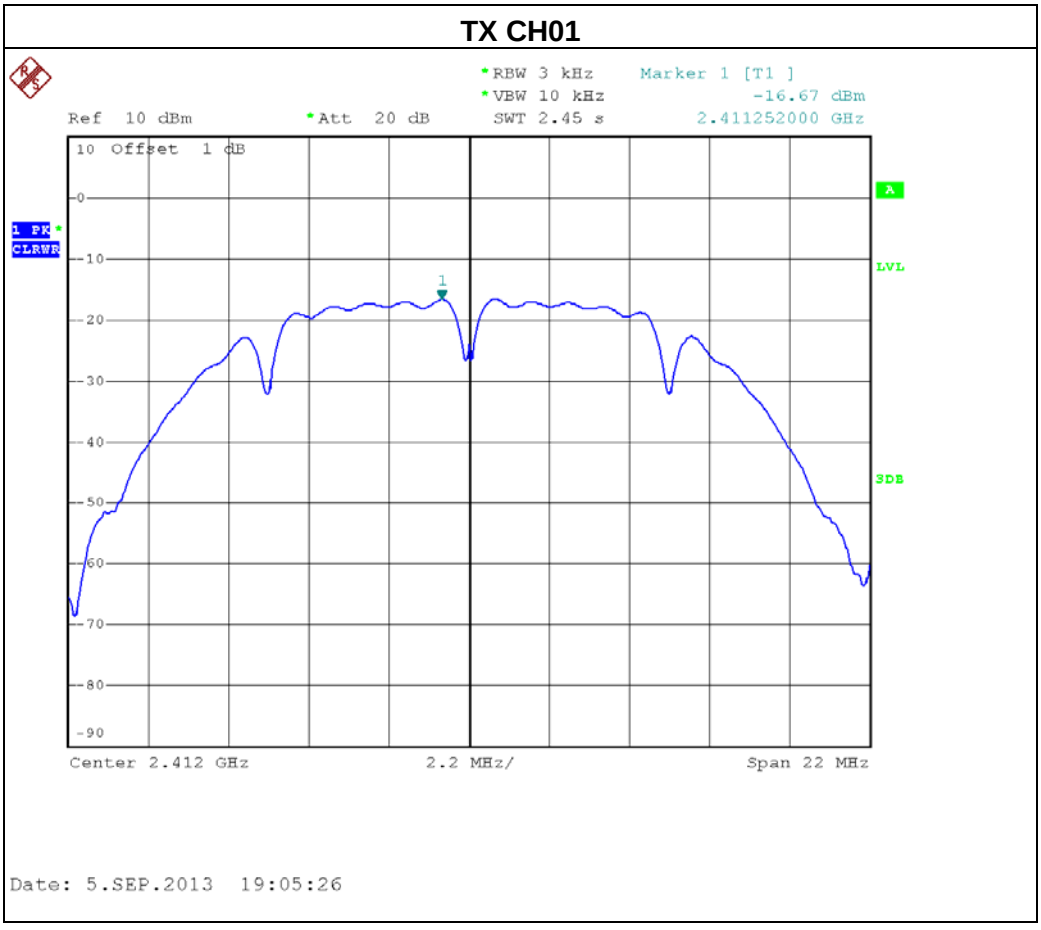
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

8.1.6 TEST RESULTS

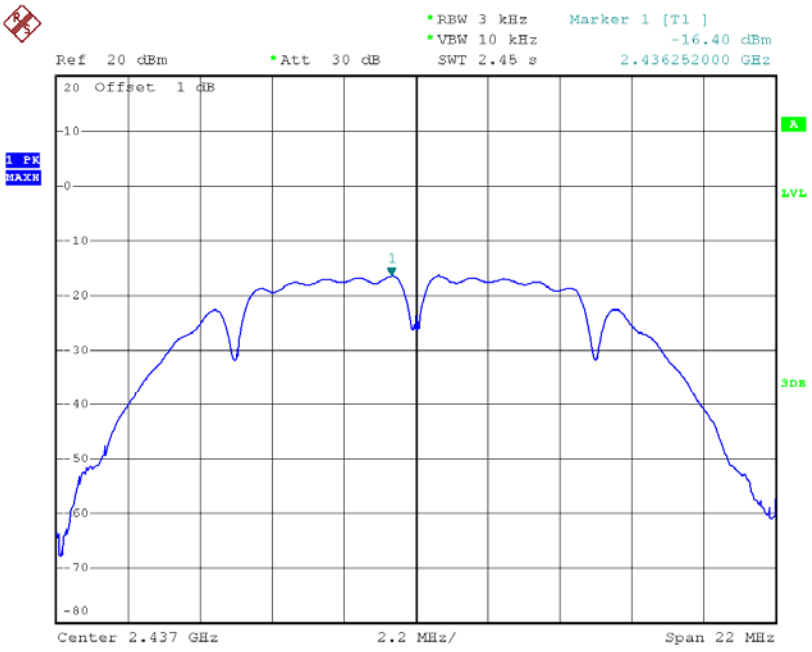
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06, CH11 / ANT 1 / Integral Antenna		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-16.67	8
CH06	2437	-16.40	8
CH11	2462	-16.60	8

TX CH01

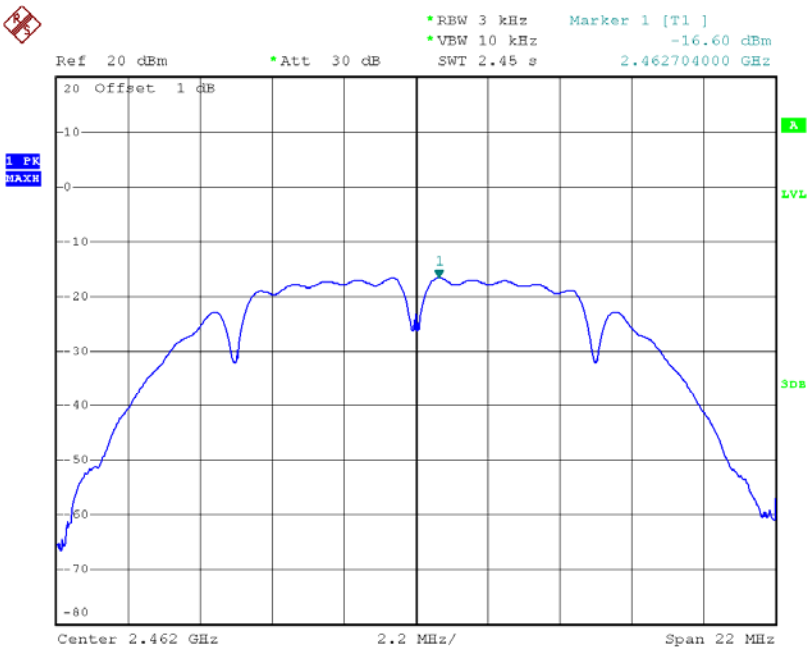


TX CH06



Date: 5.SEP.2013 19:27:35

TX CH11

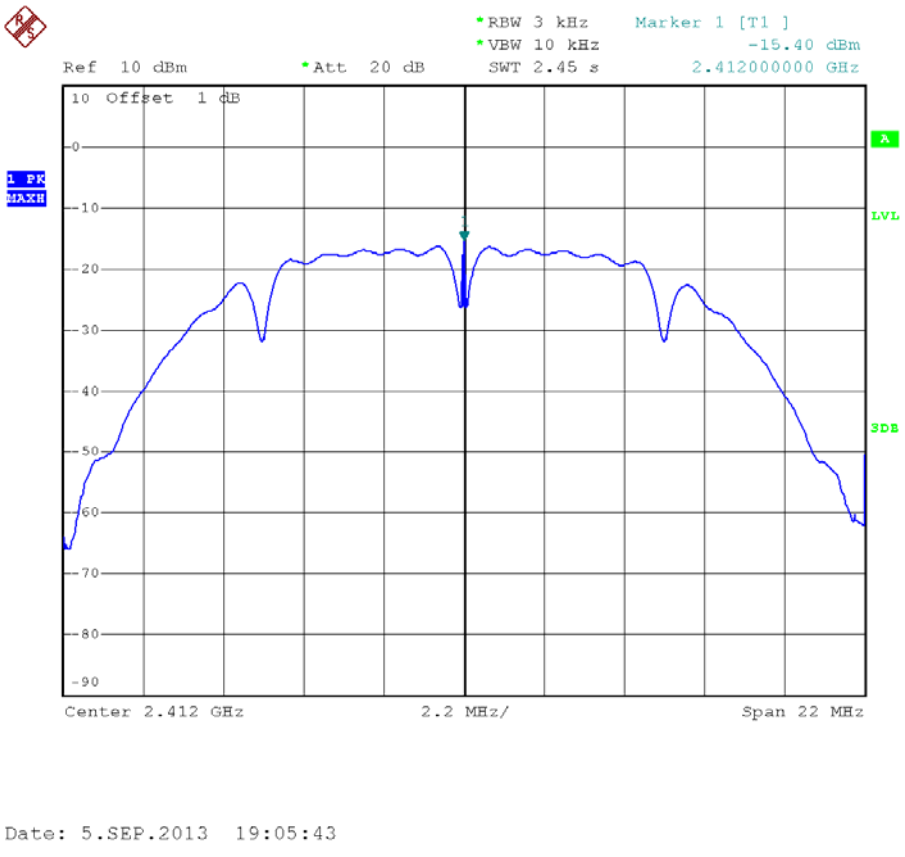


Date: 5.SEP.2013 19:25:31

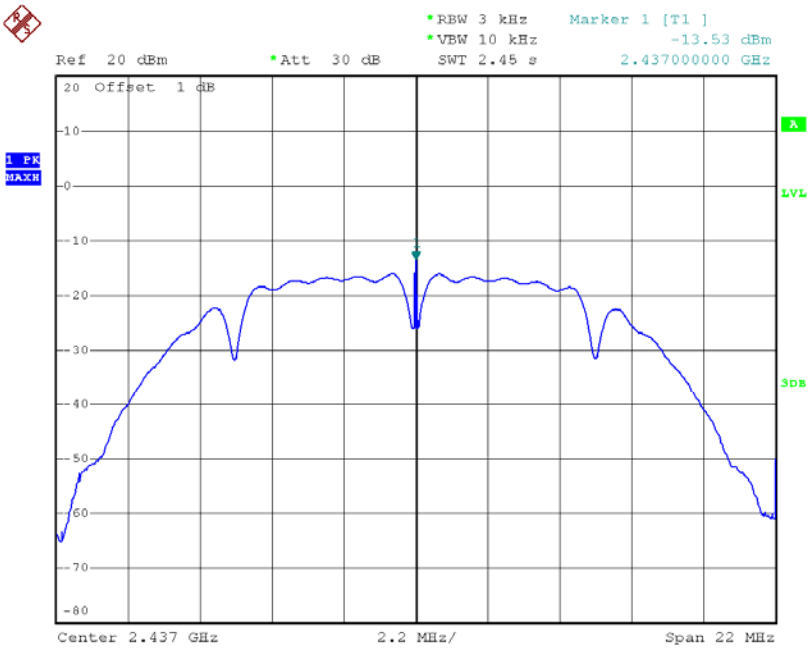
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06, CH11 / ANT 2 / Integral Antenna		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-15.40	8
CH06	2437	-13.53	8
CH11	2462	-13.84	8

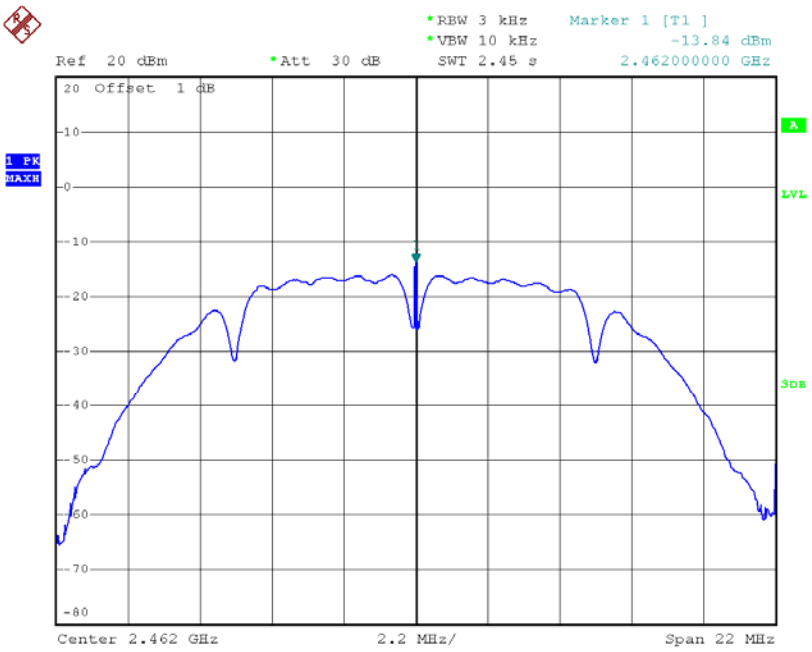
TX CH01



TX CH06



TX CH11



EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06, CH11 / ANT 1+ ANT 2 / Integral Antenna		

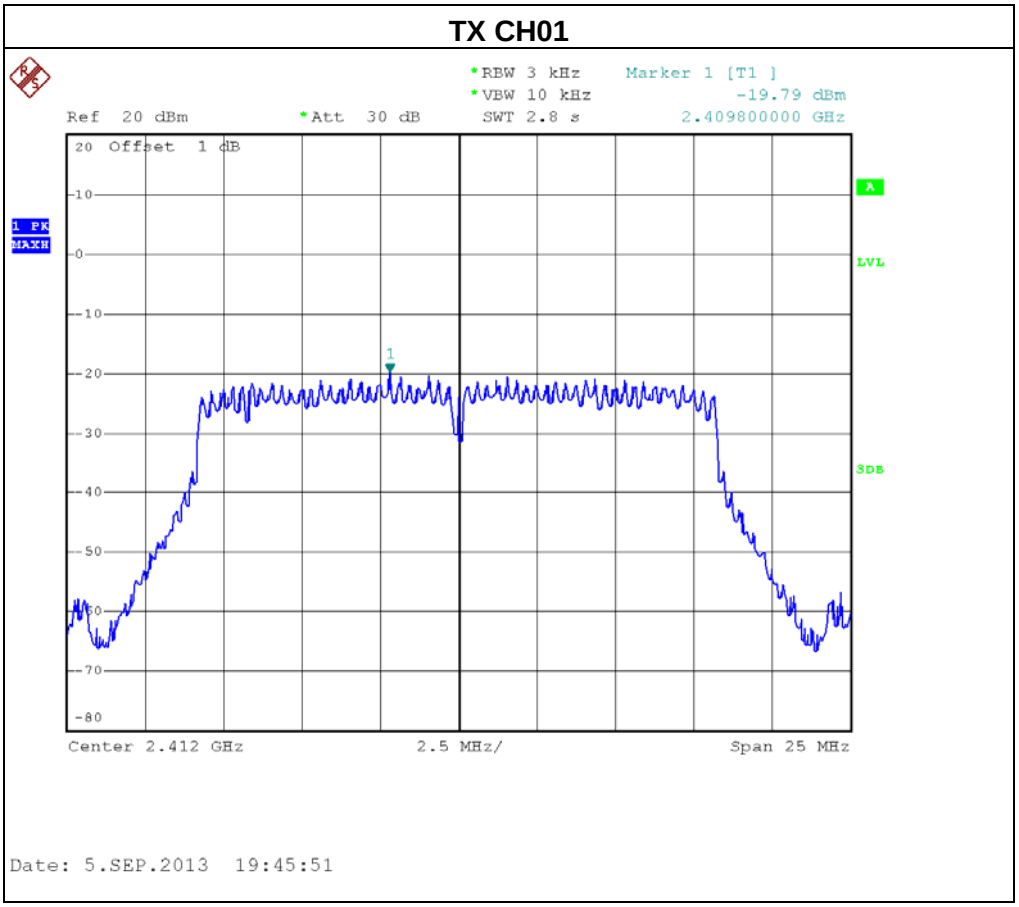
Test Channel	Frequency (MHz)	Power density (dBm)	(mW)	LIMIT (dBm)	PASS/FAIL
CH01	2412	-12.98	0.05	8	PASS
CH06	2437	-11.72	0.07	8	PASS
CH11	2462	-11.99	0.06	8	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R) , all transmit signals are completely uncorrelated, then,**Direction gain = G_{ANT}**, that is Directional gain=4.2.

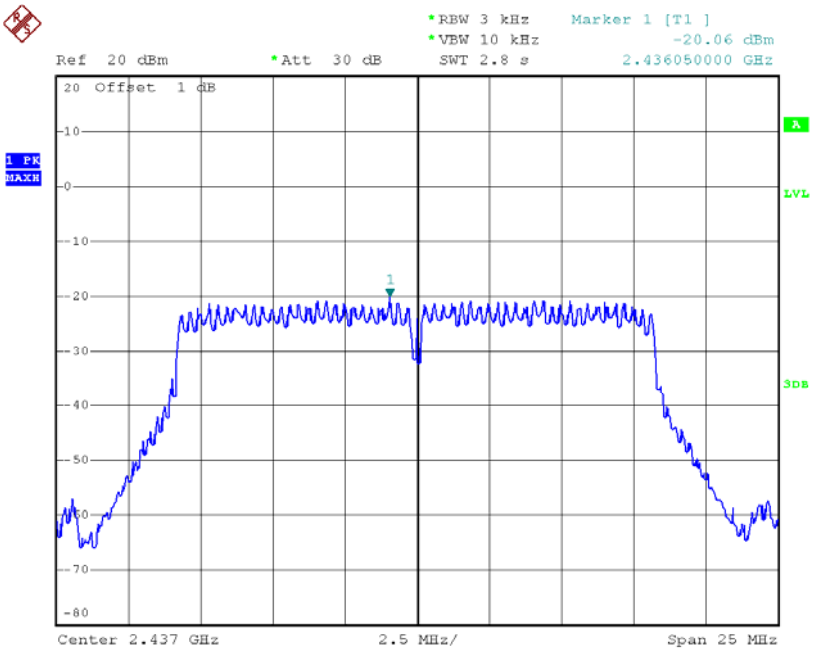
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE /CH01, CH06, CH11 / ANT 1 / Integral Antenna		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-19.79	8
CH06	2437	-20.06	8
CH11	2462	-20.64	8

TX CH01

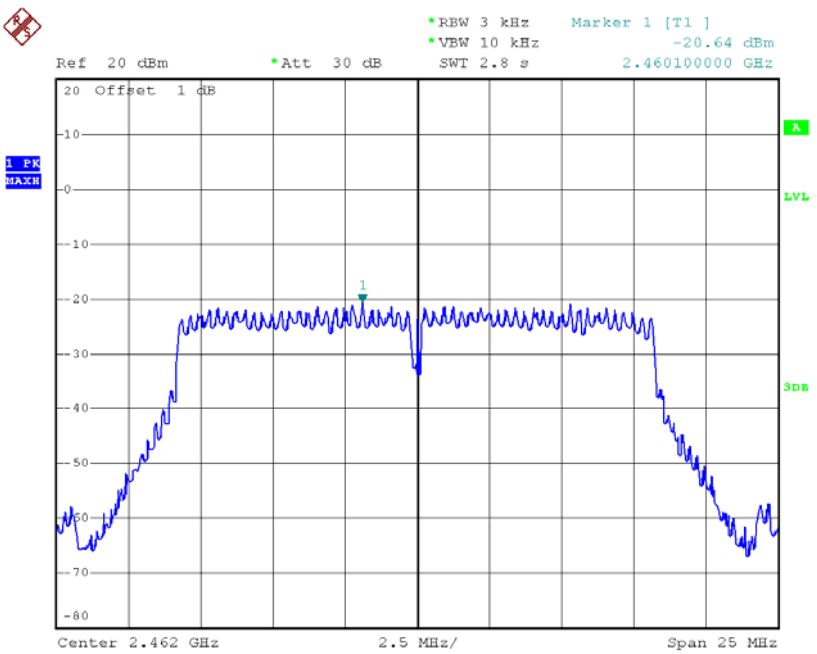


TX CH06



Date: 5.SEP.2013 20:03:58

TX CH11

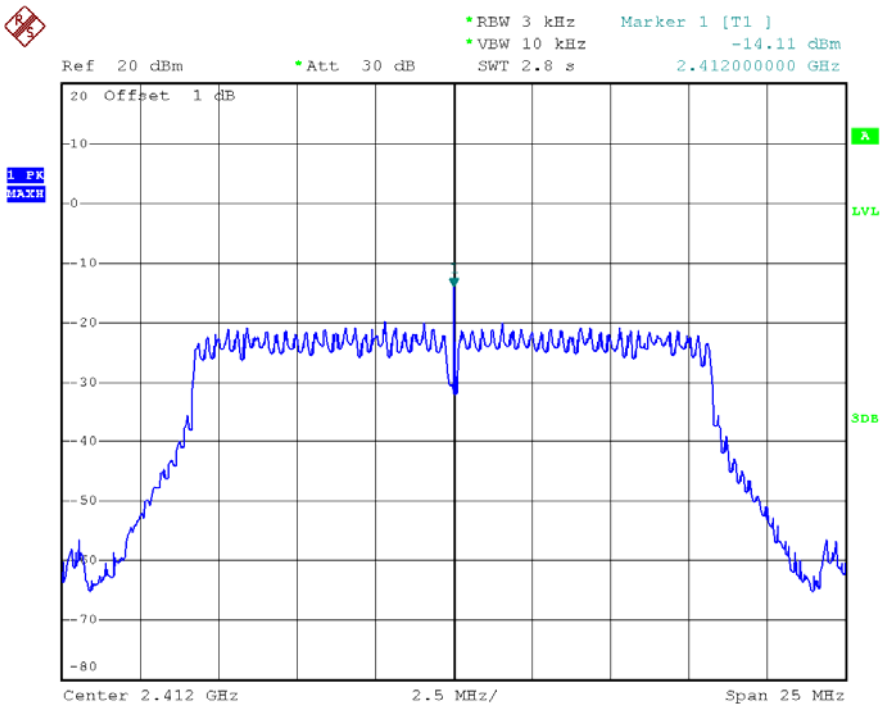


Date: 5.SEP.2013 19:47:27

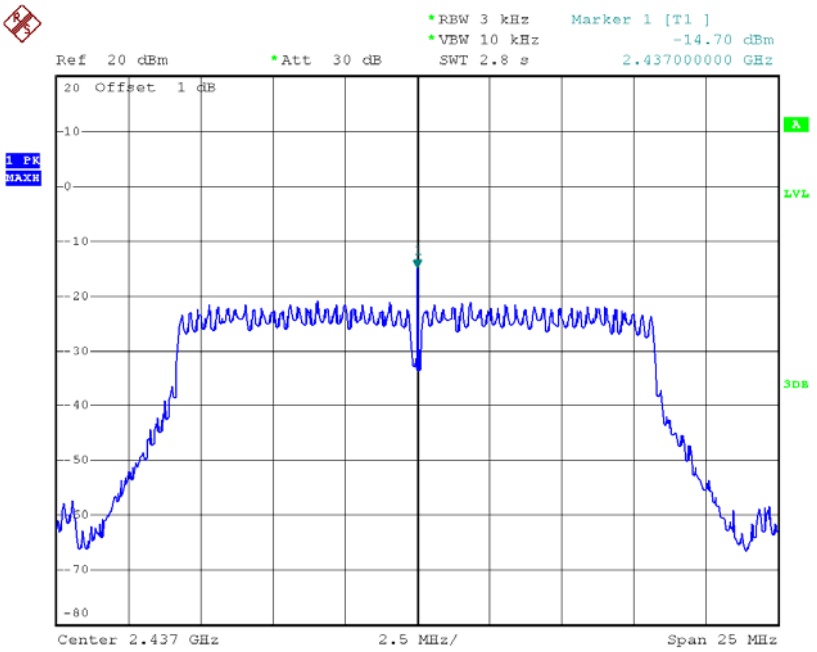
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE /CH01, CH06, CH11 / ANT 2 / Integral Antenna		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-14.11	8
CH06	2437	-14.70	8
CH11	2462	-15.14	8

TX CH01

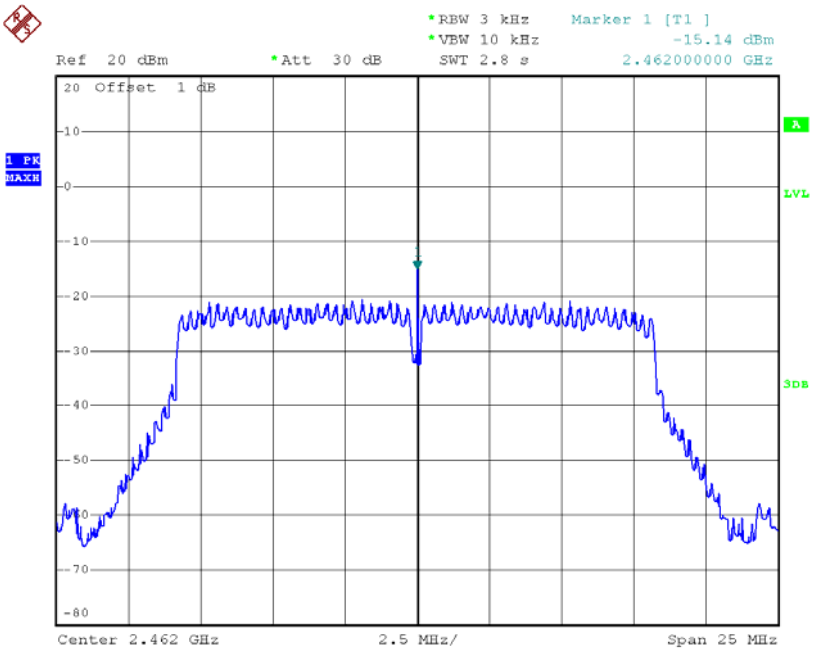


TX CH06



Date: 5.SEP.2013 20:04:19

TX CH11



Date: 5.SEP.2013 19:47:07

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE /CH01, CH06, CH11 / ANT 1+ ANT 2 / Integral Antenna		

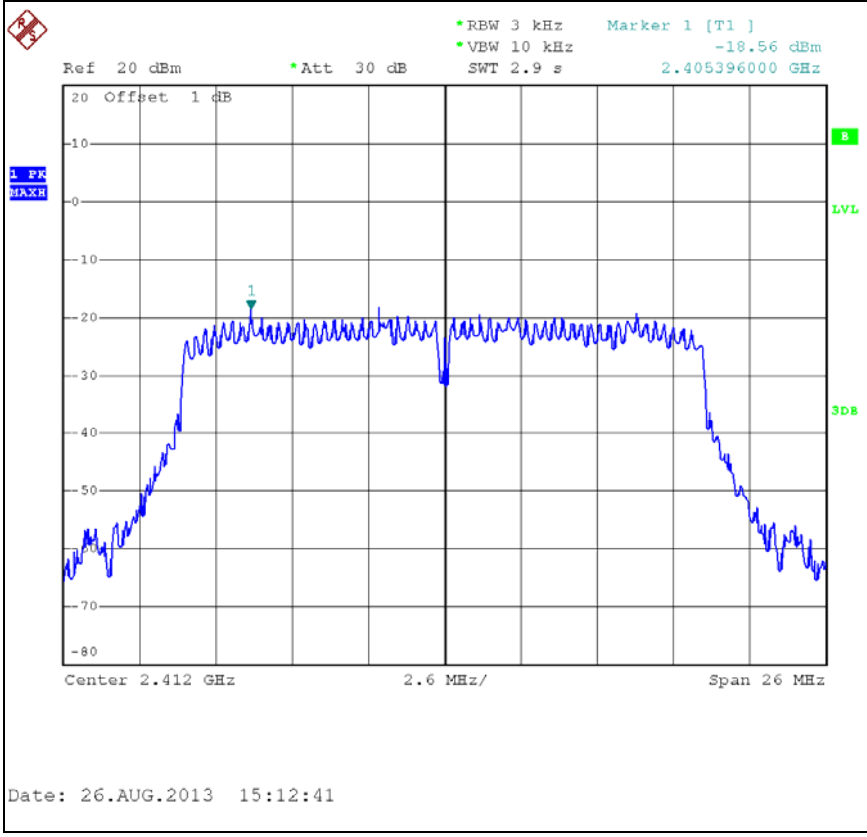
Test Channel	Frequency (MHz)	Power density (dBm)	(mW)	LIMIT (dBm)	PASS/FAIL
CH01	2412	-13.07	0.05	8	PASS
CH06	2437	-13.59	0.04	8	PASS
CH11	2462	-14.06	0.04	8	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R) , all transmit signals are completely uncorrelated, then,**Direction gain = G_{ANT}**, that is Directional gain=4.2.

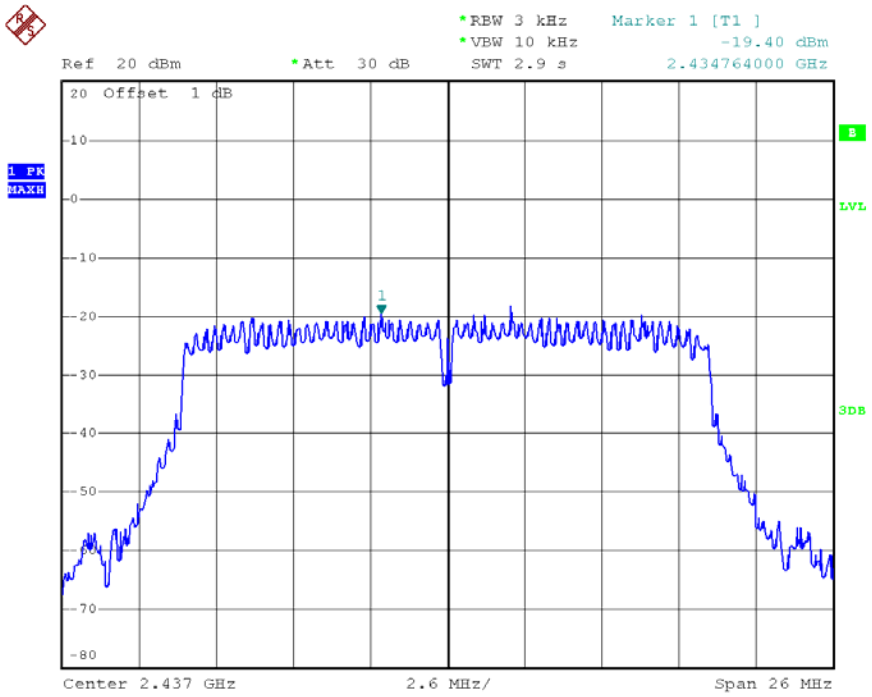
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-20MHz /CH01, CH06, CH11 / ANT 1 / Integral Antenna		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-18.56	8
CH06	2437	-19.40	8
CH11	2462	-17.13	8

TX CH01

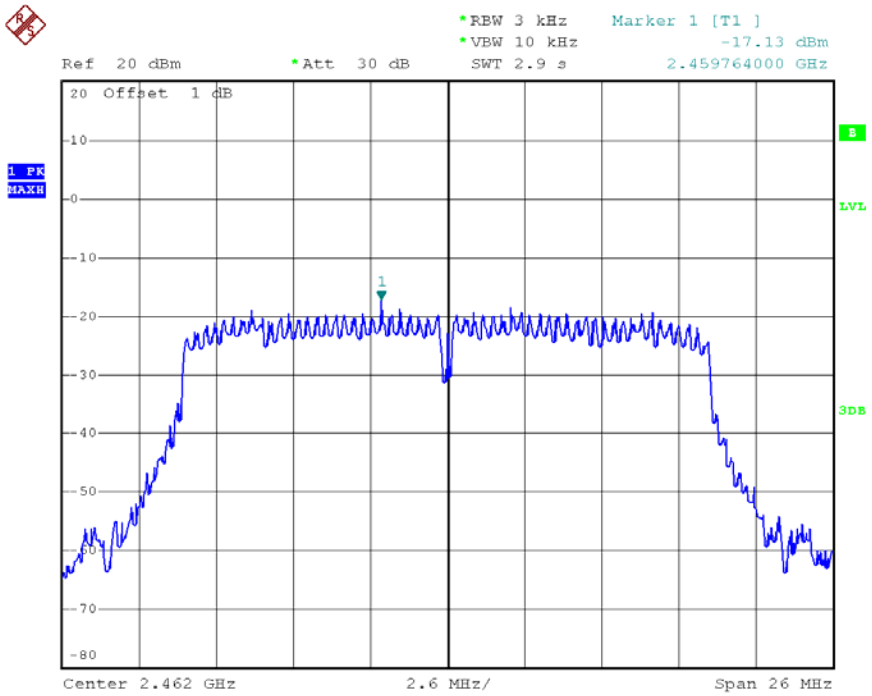


TX CH06



Date: 26.AUG.2013 15:41:30

TX CH11

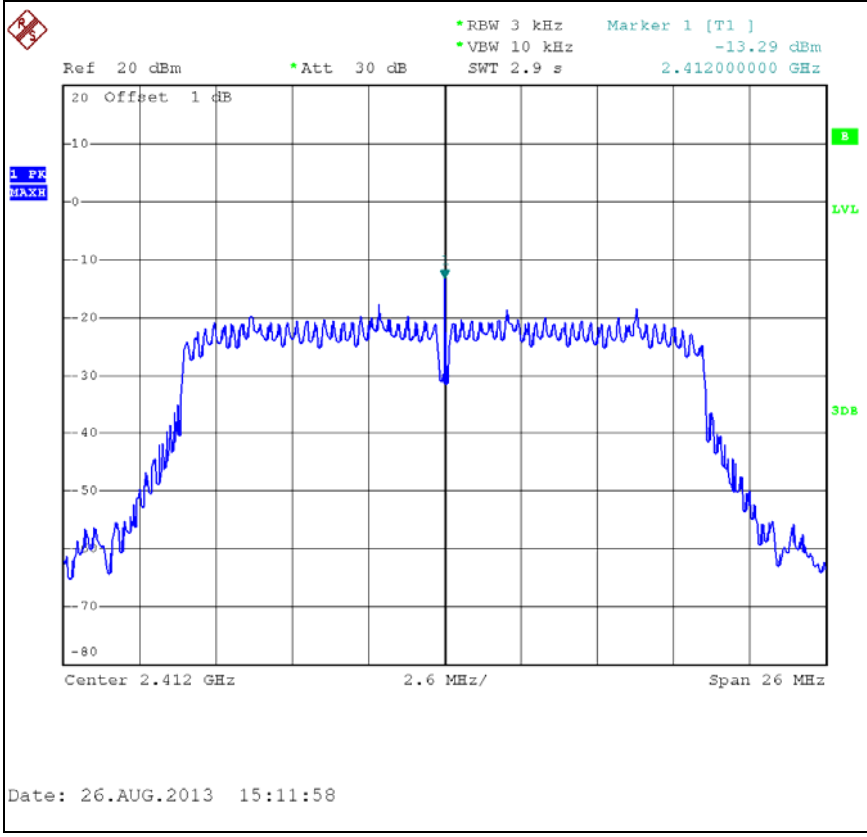


Date: 26.AUG.2013 15:14:44

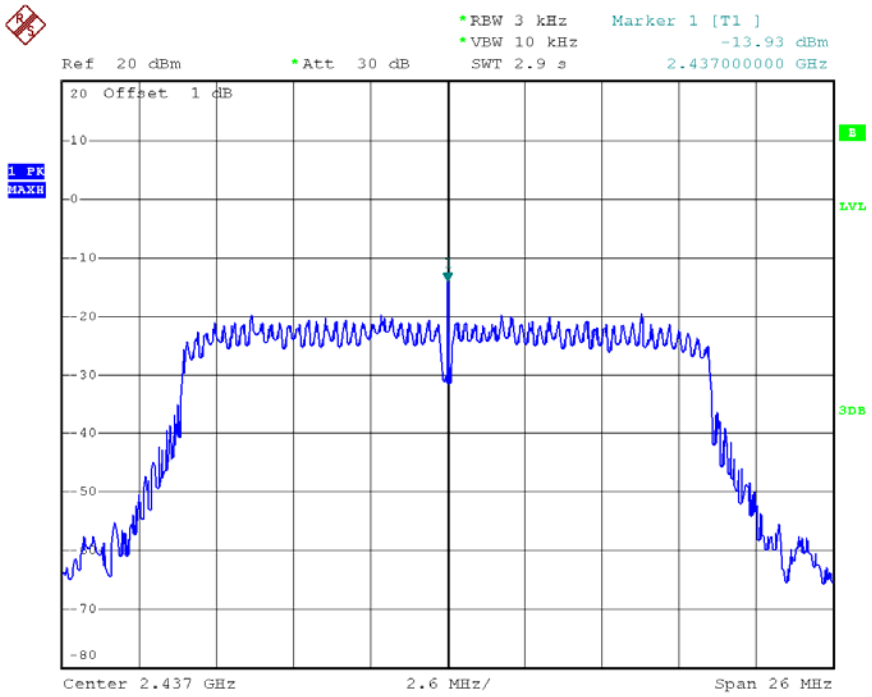
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-20MHz /CH01, CH06, CH11 / ANT 2 / Integral Antenna		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-13.19	8
CH06	2437	-13.93	8
CH11	2462	-14.22	8

TX CH01

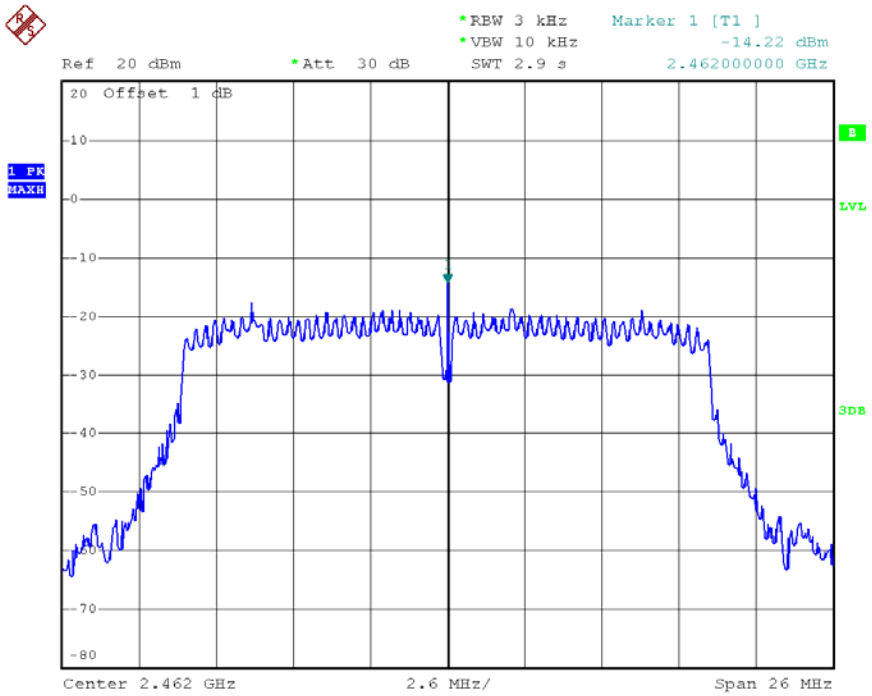


TX CH06



Date: 26.AUG.2013 15:41:03

TX CH11



Date: 26.AUG.2013 15:15:06

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-20MHz /CH01, CH06, CH11 / ANT 1+ ANT 2 / Integral Antenna		

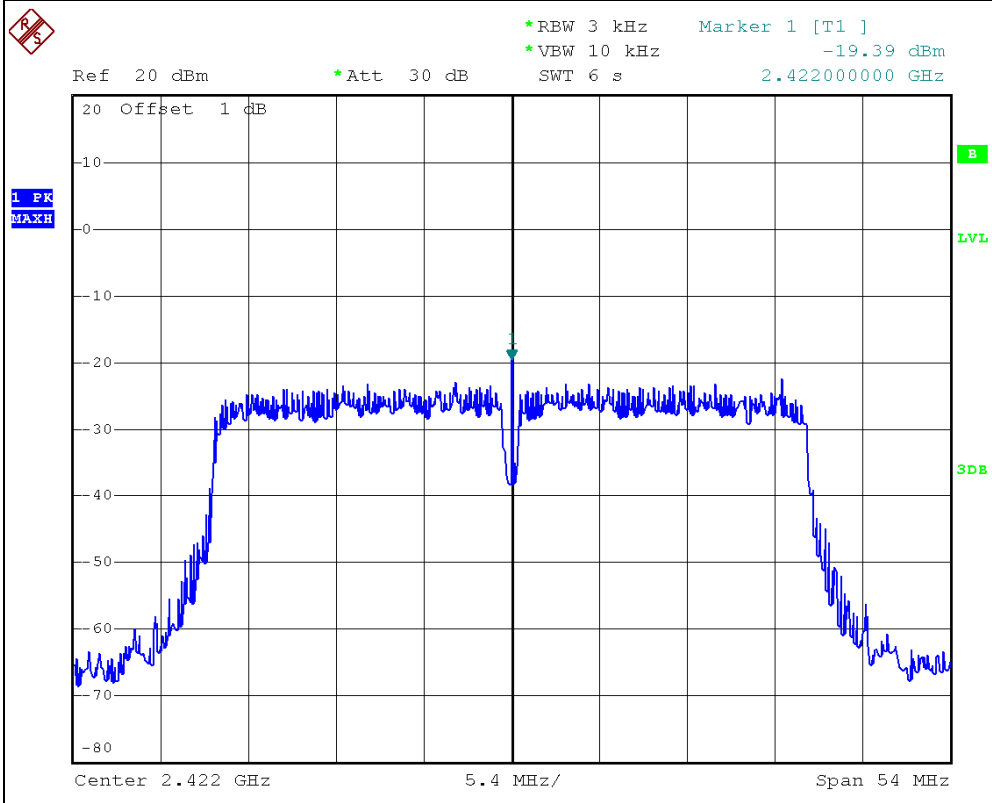
Test Channel	Frequency (MHz)	Power density (dBm)	(mW)	LIMIT (dBm)	PASS/FAIL
CH01	2412	-12.08	0.06	8	PASS
CH06	2437	-12.85	0.05	8	PASS
CH11	2462	-12.43	0.06	8	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R) , all transmit signals are completely uncorrelated, then,**Direction gain = G_{ANT}**, that is Directional gain=4.2.

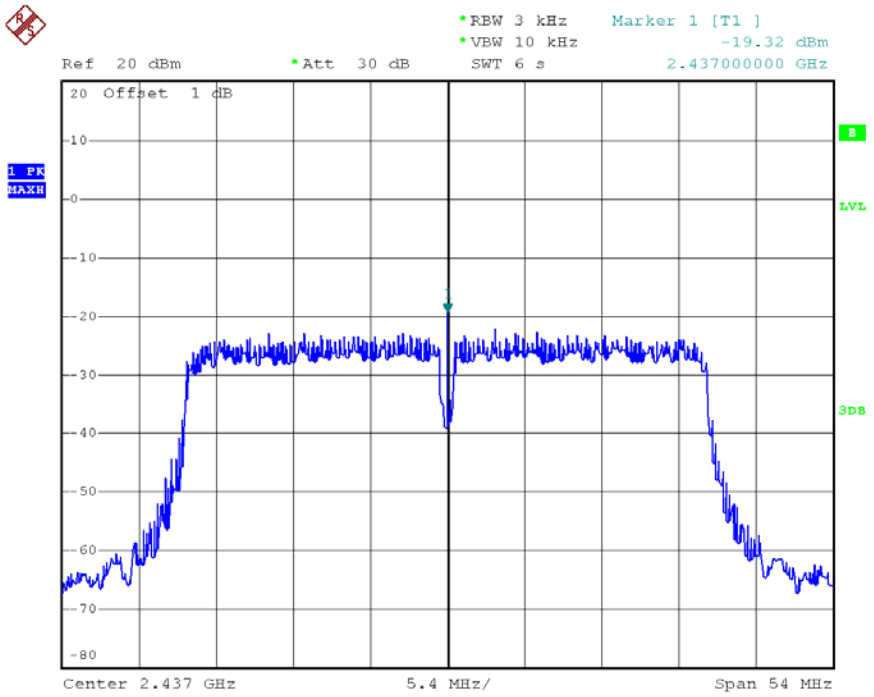
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-40MHz /CH03, CH06, CH09 / ANT 1 / Integral Antenna		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH03	2422	-19.39	8
CH06	2437	-19.32	8
CH09	2452	-19.06	8

TX CH03

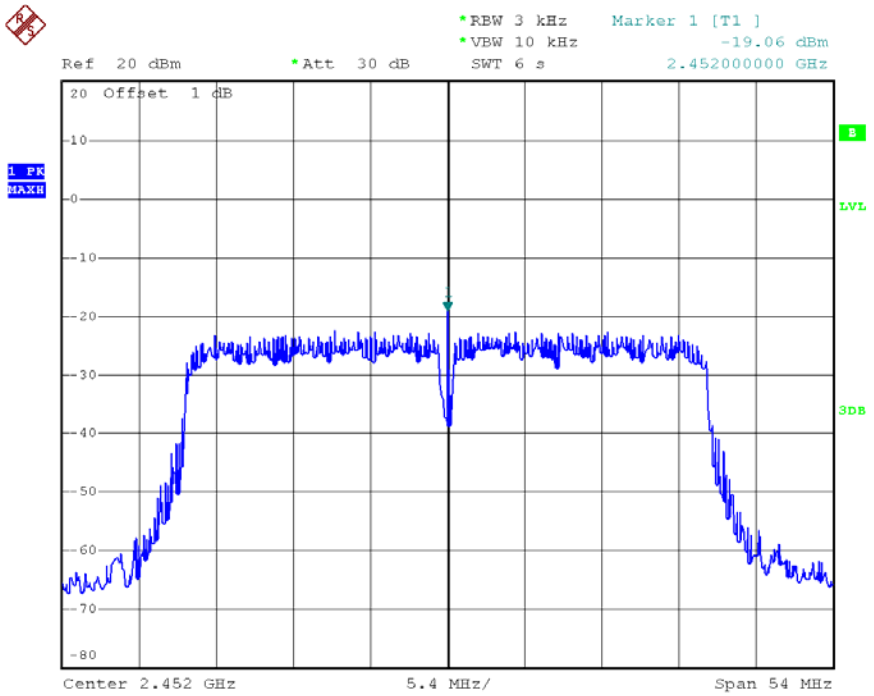


TX CH06



Date: 26.AUG.2013 17:09:04

TX CH09

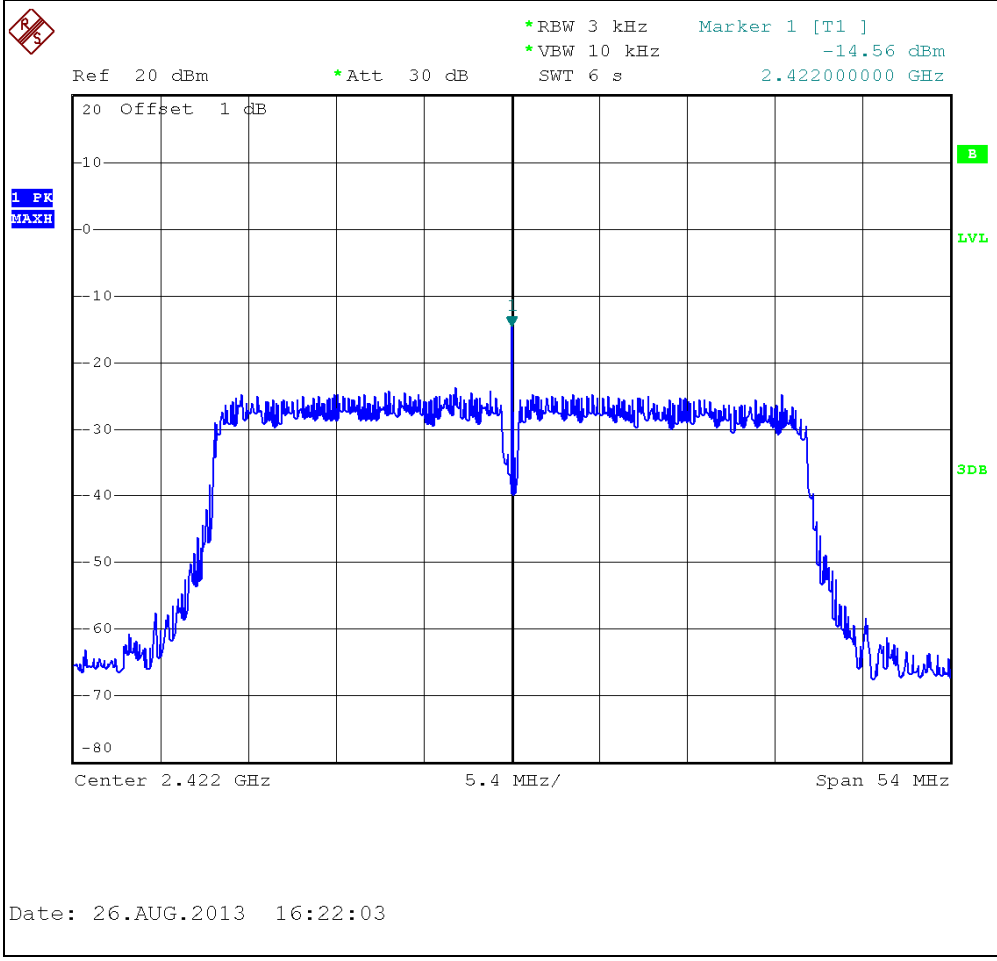


Date: 26.AUG.2013 17:02:41

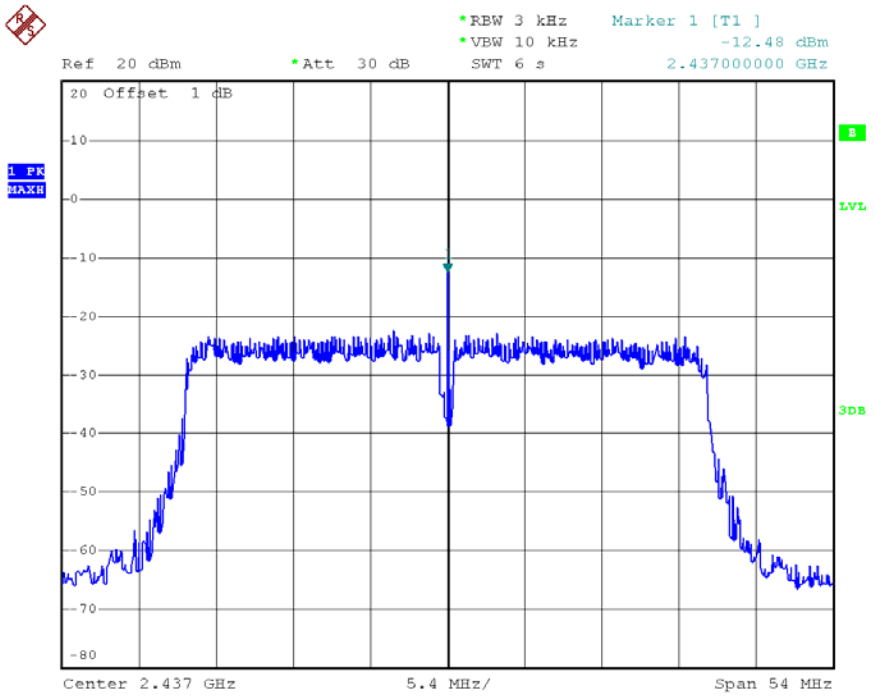
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-40MHz /CH03, CH06, CH09 / ANT 2 / Integral Antenna		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH03	2422	-14.56	8
CH06	2437	-12.48	8
CH09	2452	-12.37	8

TX CH03

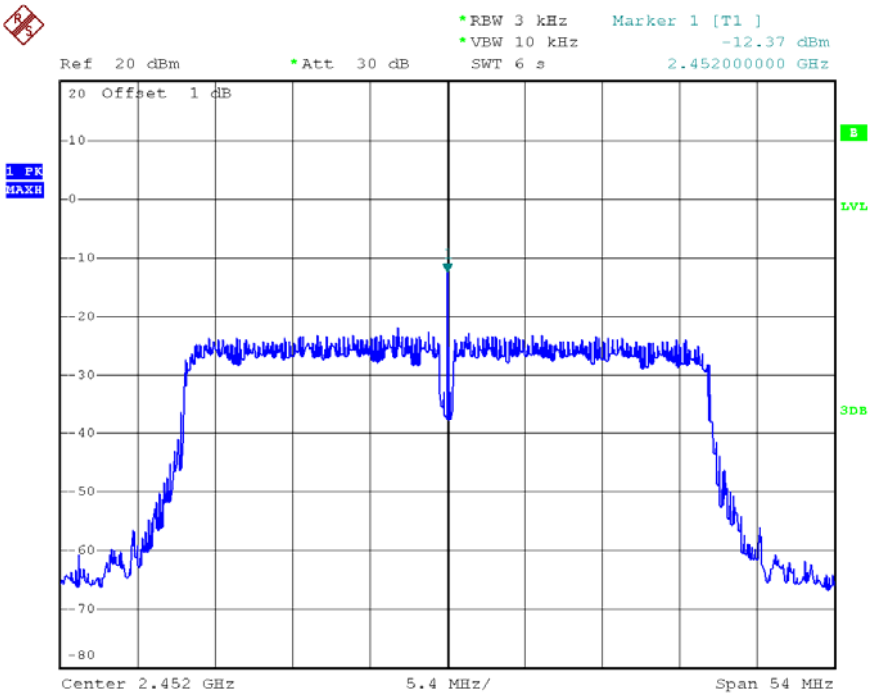


TX CH06



Date: 26.AUG.2013 17:08:29

TX CH09



Date: 26.AUG.2013 17:02:13

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-40MHz /CH03, CH06, CH09 / ANT 1+ ANT 2 / Integral Antenna		

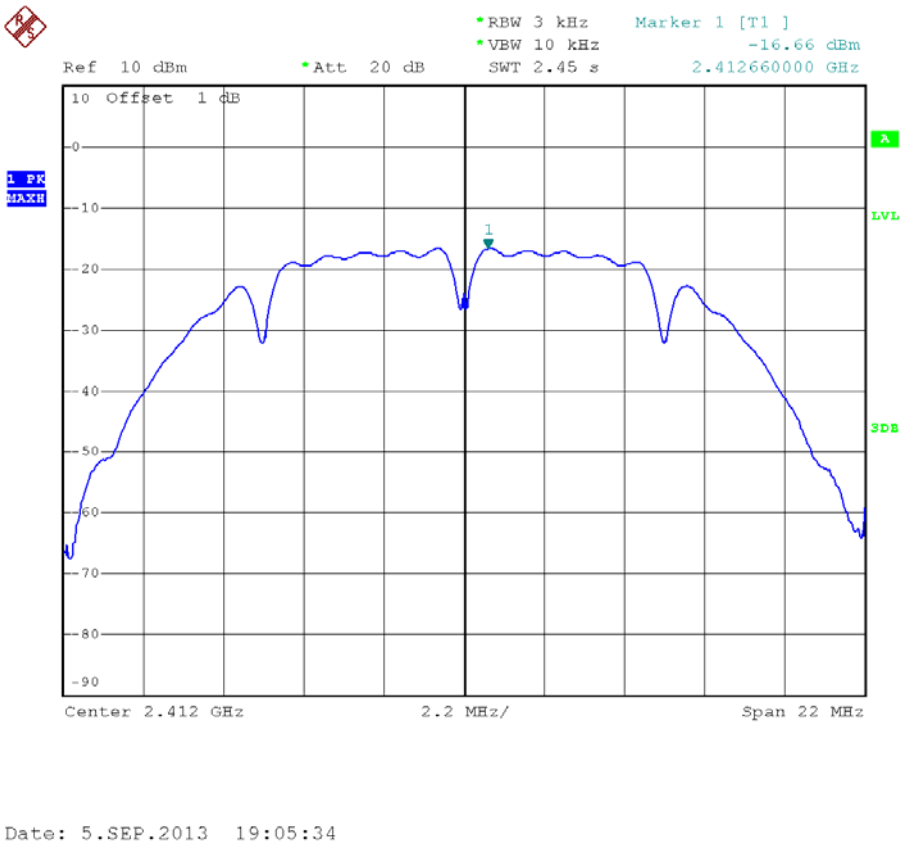
Test Channel	Frequency (MHz)	Power density (dBm)	(mW)	LIMIT (dBm)	PASS/FAIL
CH03	2422	-13.33	0.05	8	PASS
CH06	2437	-11.66	0.07	8	PASS
CH09	2452	-11.53	0.07	8	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R) , all transmit signals are completely uncorrelated, then,**Direction gain = G_{ANT}**, that is Directional gain=4.2.

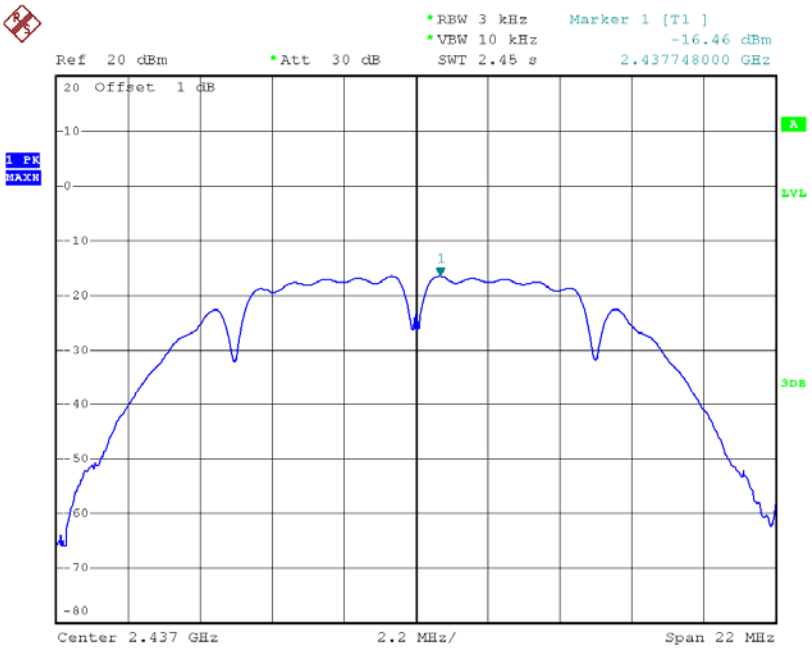
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06, CH11 / ANT 1 / Dipole Antenna with external cable		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-16.66	8
CH06	2437	-16.46	8
CH11	2462	-16.64	8

TX CH01

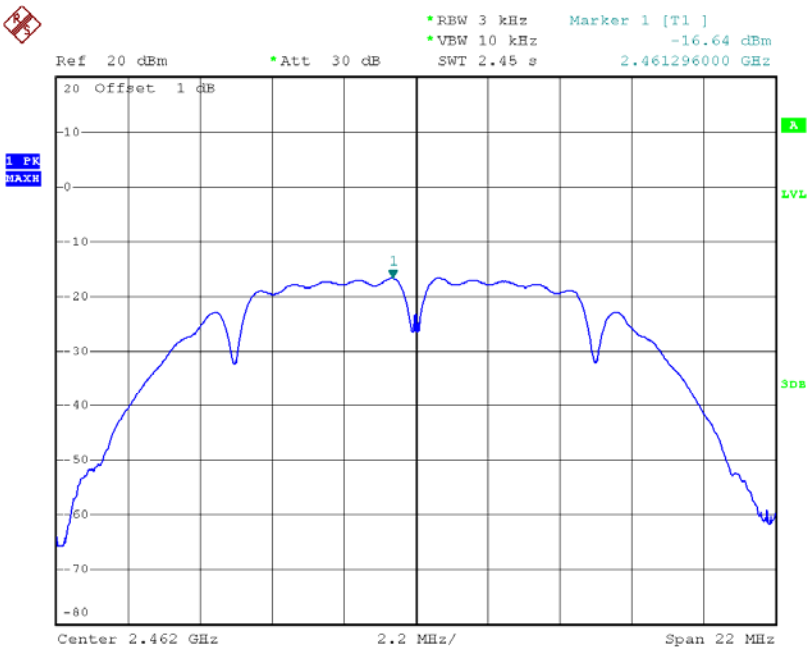


TX CH06



Date: 5.SEP.2013 19:27:44

TX CH11

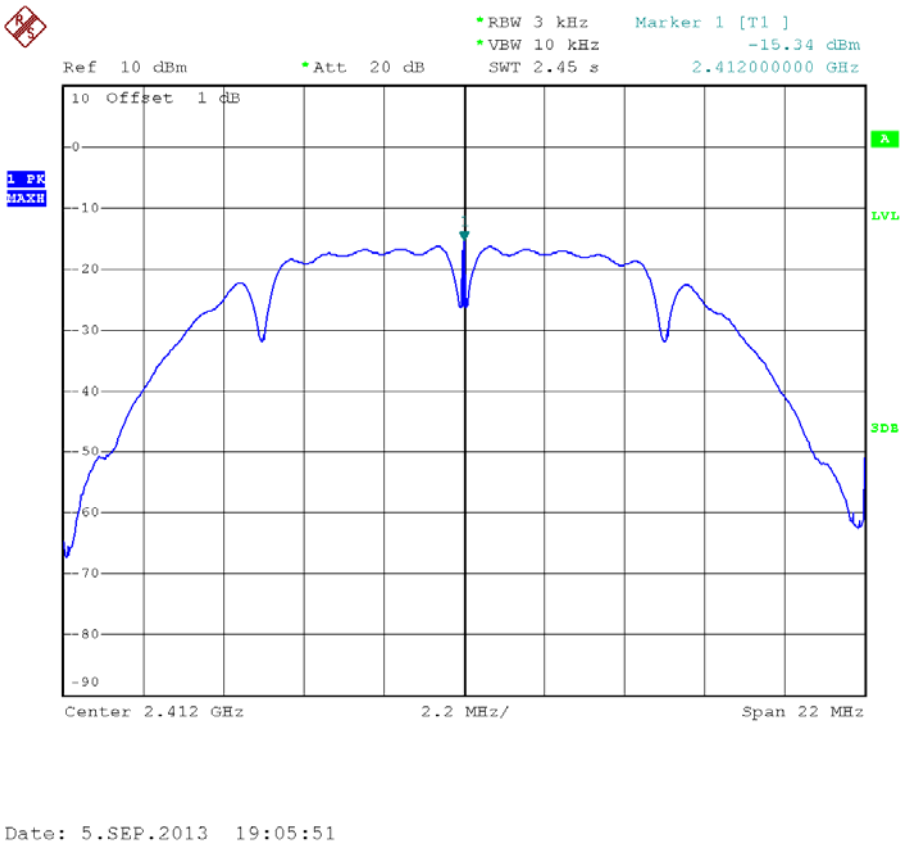


Date: 5.SEP.2013 19:25:38

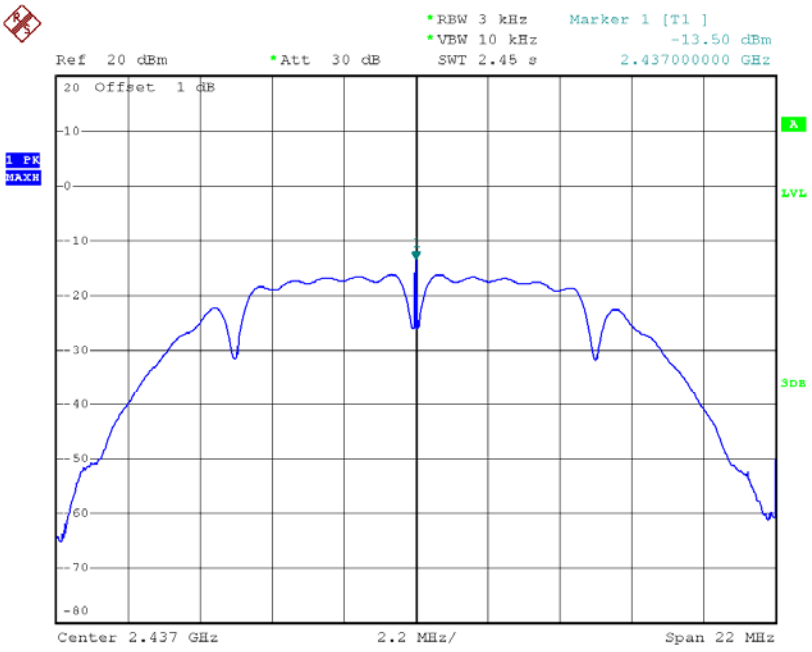
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06, CH11 / ANT 2 / Dipole Antenna with external cable		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-15.34	8
CH06	2437	-13.50	8
CH11	2462	-14.00	8

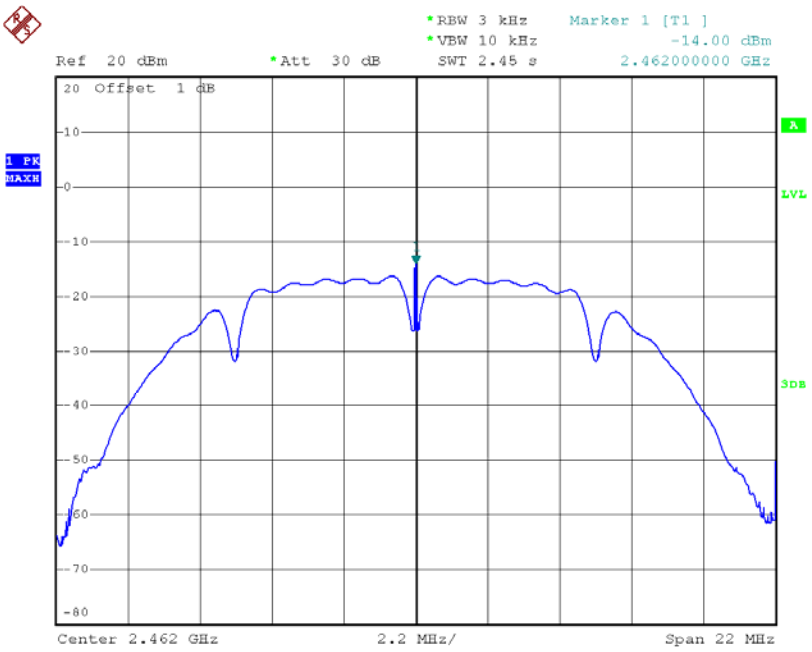
TX CH01



TX CH06



TX CH11



EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX B MODE /CH01, CH06, CH11 / ANT 1+ ANT 2 / Dipole Antenna with external cable		

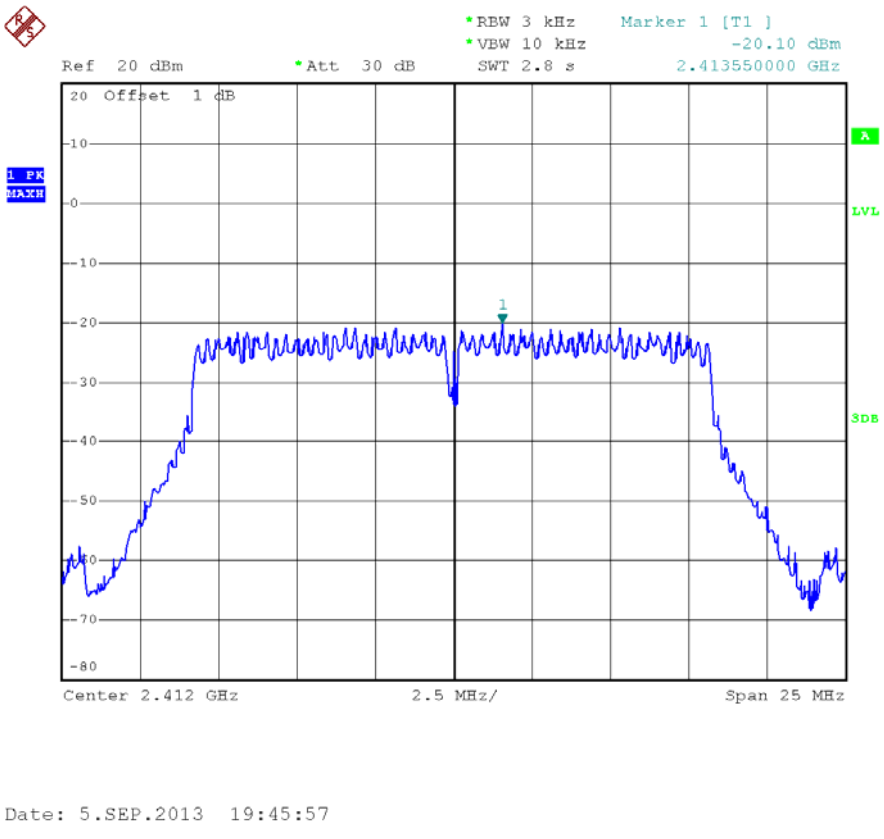
Test Channel	Frequency (MHz)	Power density (dBm)	(mW)	LIMIT (dBm)	PASS/FAIL
CH01	2412	-12.94	0.05	8	PASS
CH06	2437	-11.72	0.07	8	PASS
CH11	2462	-12.11	0.06	8	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R) , all transmit signals are completely uncorrelated, then,**Direction gain = G_{ANT}**, that is Directional gain=3.09.

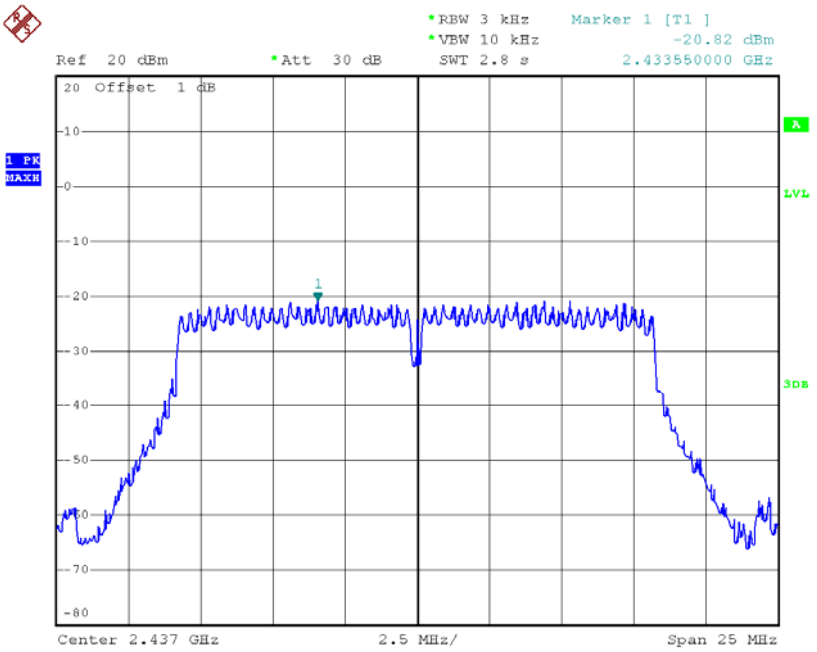
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE /CH01, CH06, CH11 / ANT 1 / Dipole Antenna with external cable		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-20.10	8
CH06	2437	-20.82	8
CH11	2462	-20.65	8

TX CH01

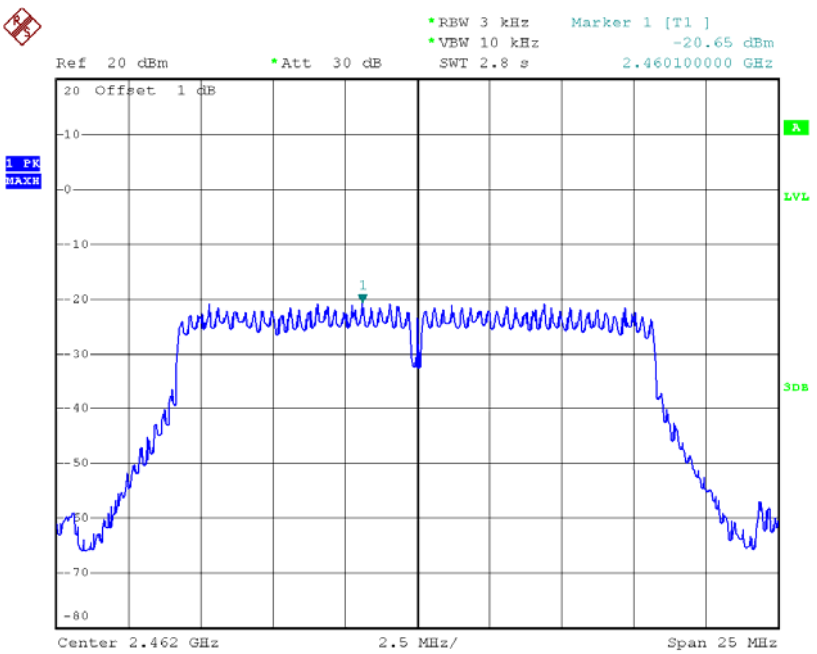


TX CH06



Date: 5.SEP.2013 20:04:05

TX CH11

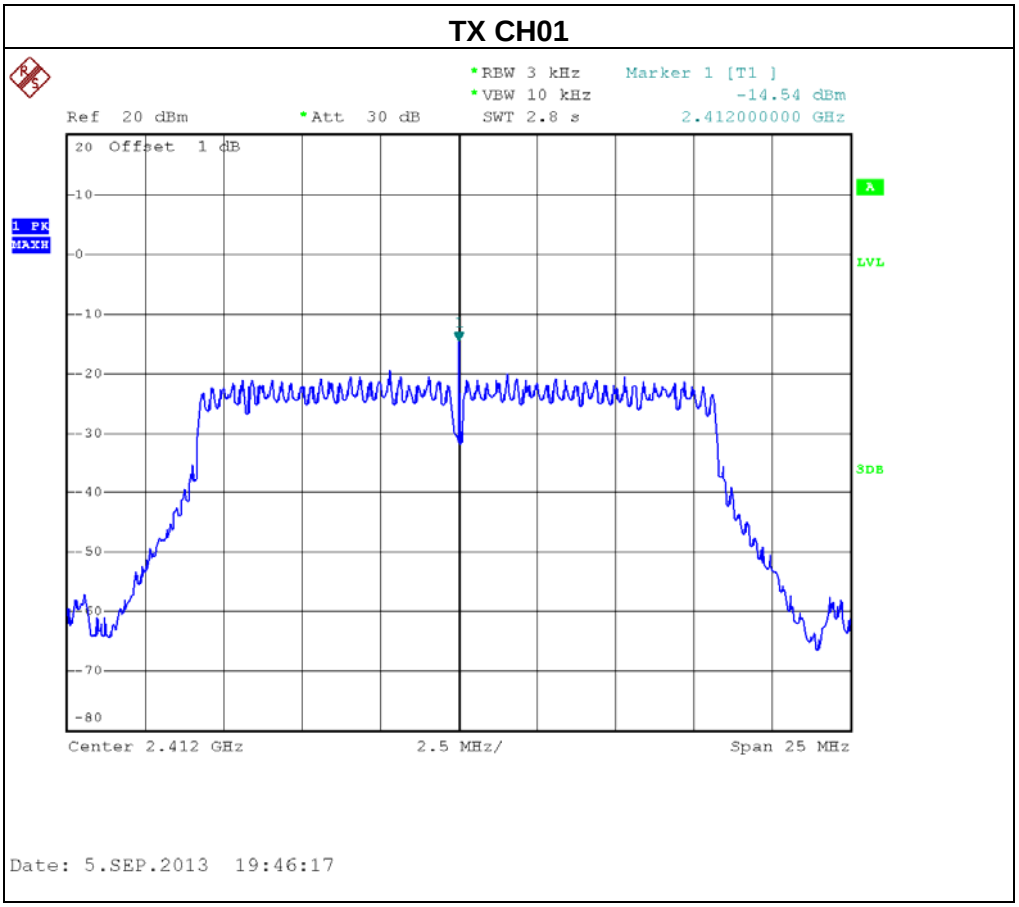


Date: 5.SEP.2013 19:47:34

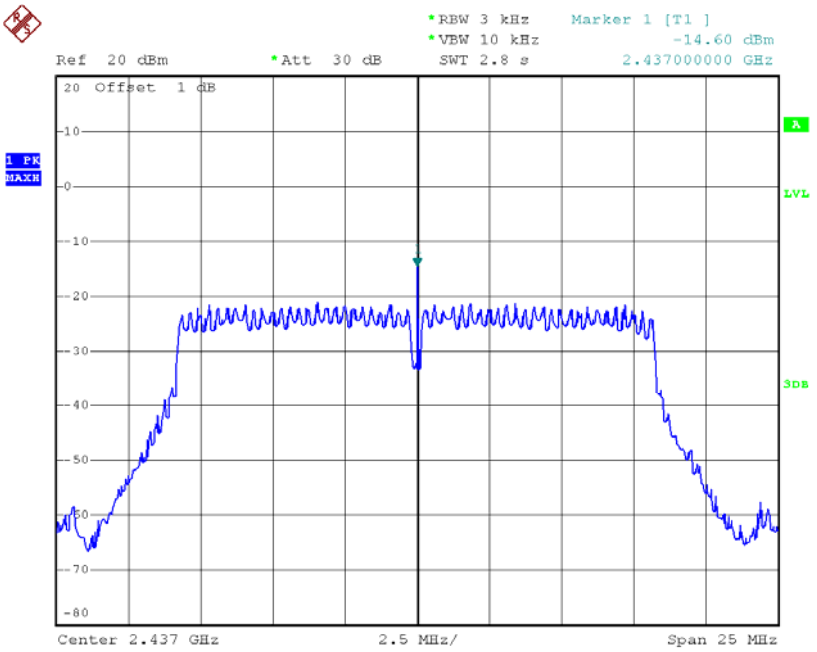
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE /CH01, CH06, CH11 / ANT 2 / Dipole Antenna with external cable		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-14.54	8
CH06	2437	-14.60	8
CH11	2462	-15.56	8

TX CH01

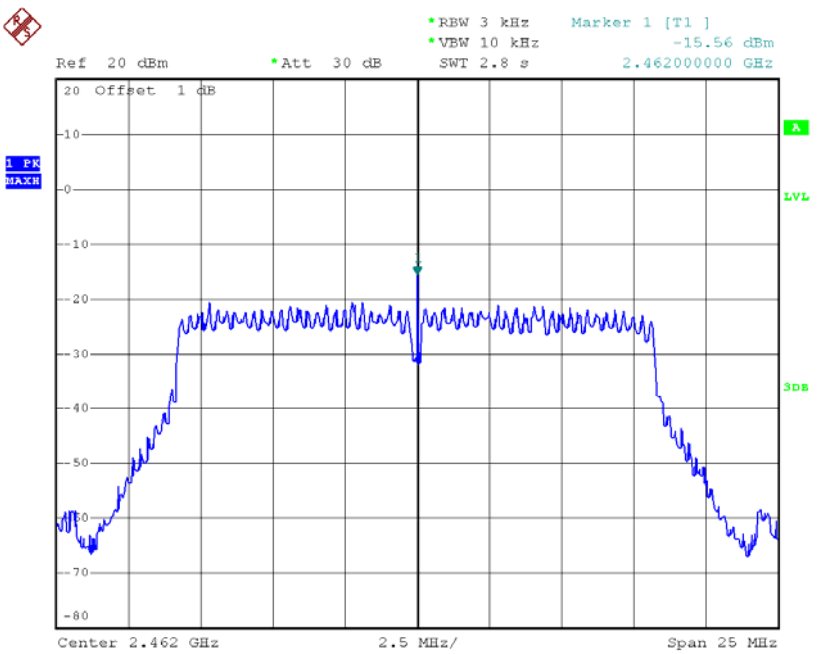


TX CH06



Date: 5.SEP.2013 20:04:26

TX CH11



Date: 5.SEP.2013 19:47:14

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX G MODE /CH01, CH06, CH11 / ANT 1+ ANT 2 / Dipole Antenna with external cable		

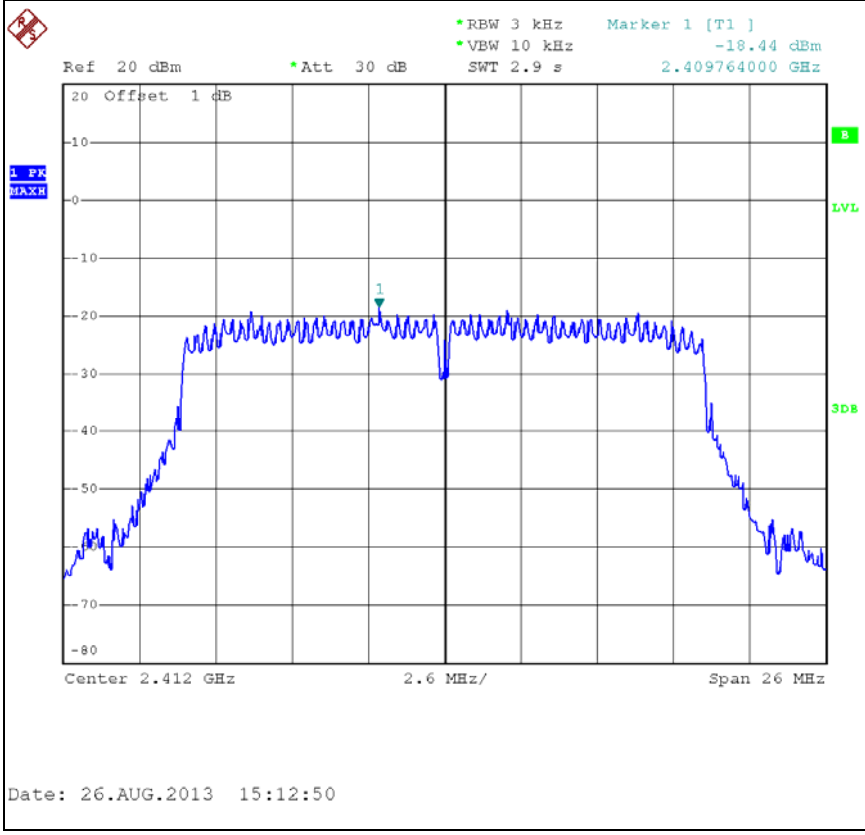
Test Channel	Frequency (MHz)	Power density (dBm)	(mW)	LIMIT (dBm)	PASS/FAIL
CH01	2412	-13.47	0.04	8	PASS
CH06	2437	-13.67	0.04	8	PASS
CH11	2462	-14.39	0.04	8	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R) , all transmit signals are completely uncorrelated, then,**Direction gain = G_{ANT}**, that is Directional gain=3.09.

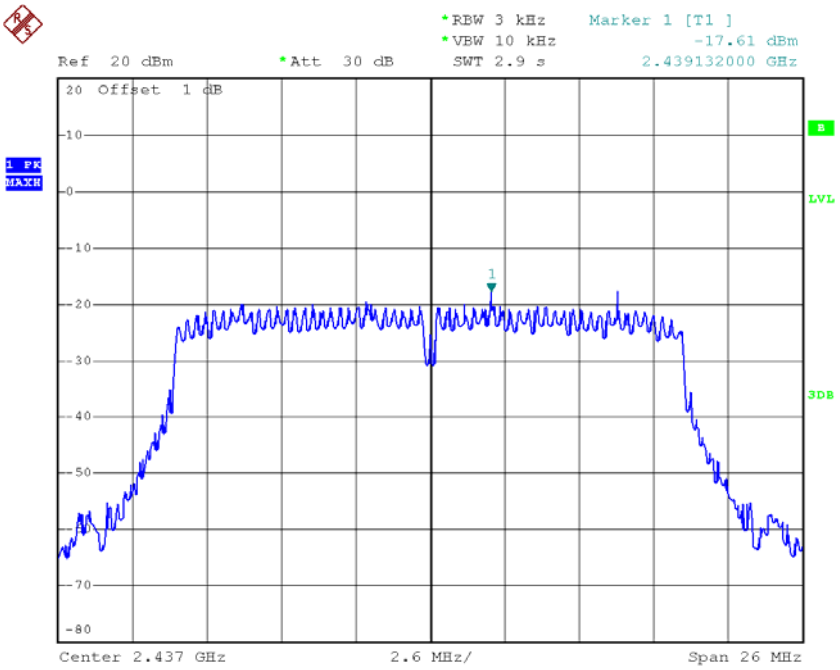
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-20MHz /CH01, CH06, CH11 / ANT 1 / Dipole Antenna with external cable		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-18.44	8
CH06	2437	-17.61	8
CH11	2462	-19.05	8

TX CH01

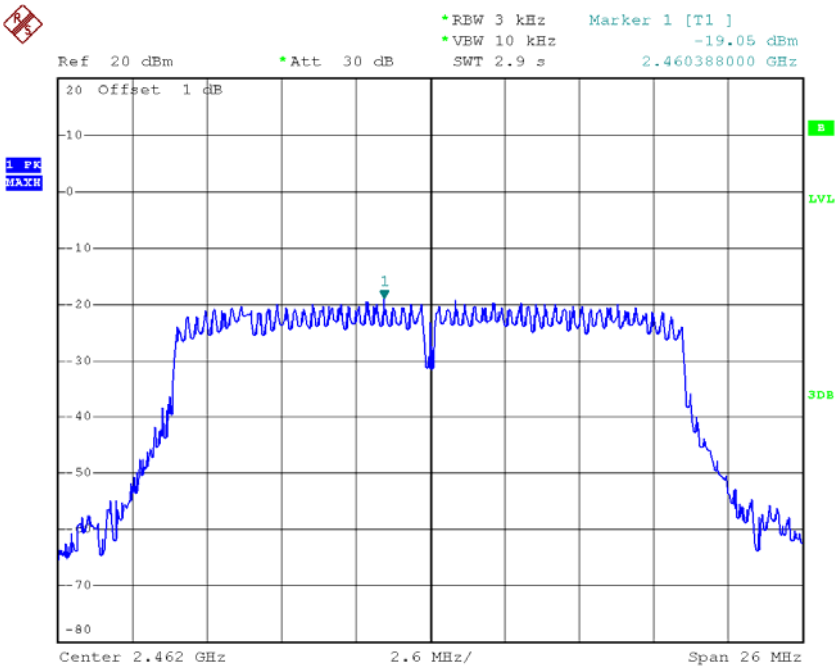


TX CH06



Date: 26.AUG.2013 15:41:38

TX CH11

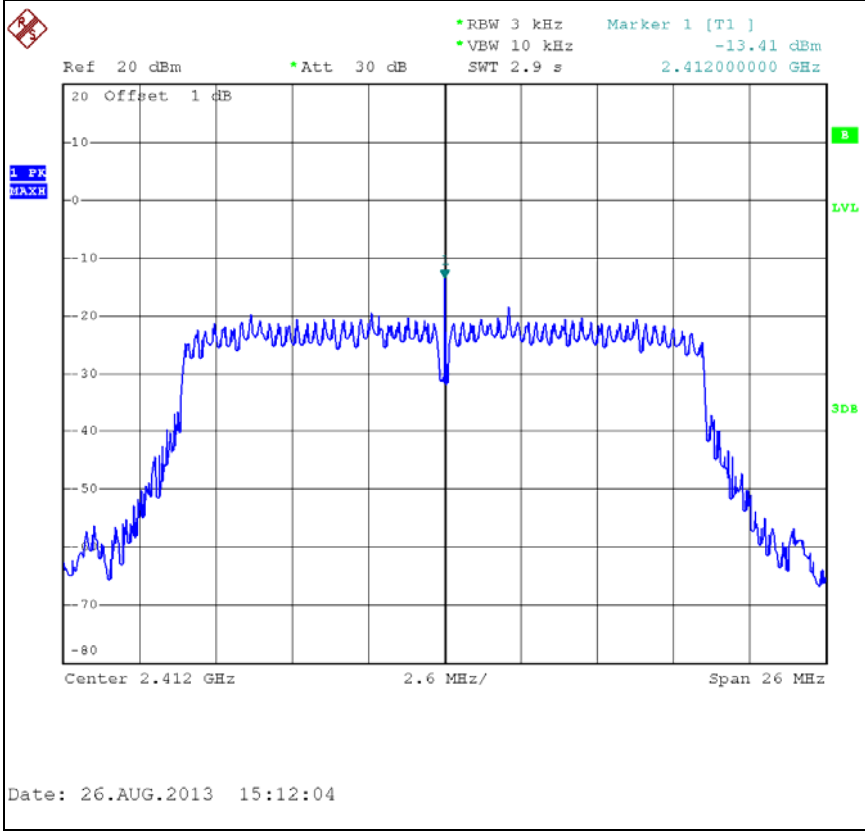


Date: 26.AUG.2013 15:14:50

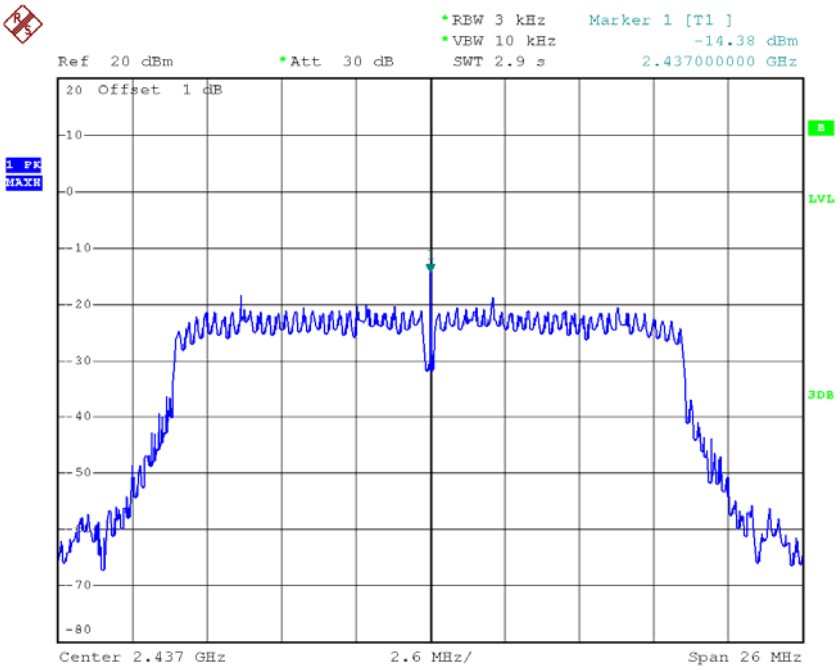
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-20MHz /CH01, CH06, CH11 / ANT 2 / Dipole Antenna with external cable		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH01	2412	-13.41	8
CH06	2437	-14.38	8
CH11	2462	-14.49	8

TX CH01

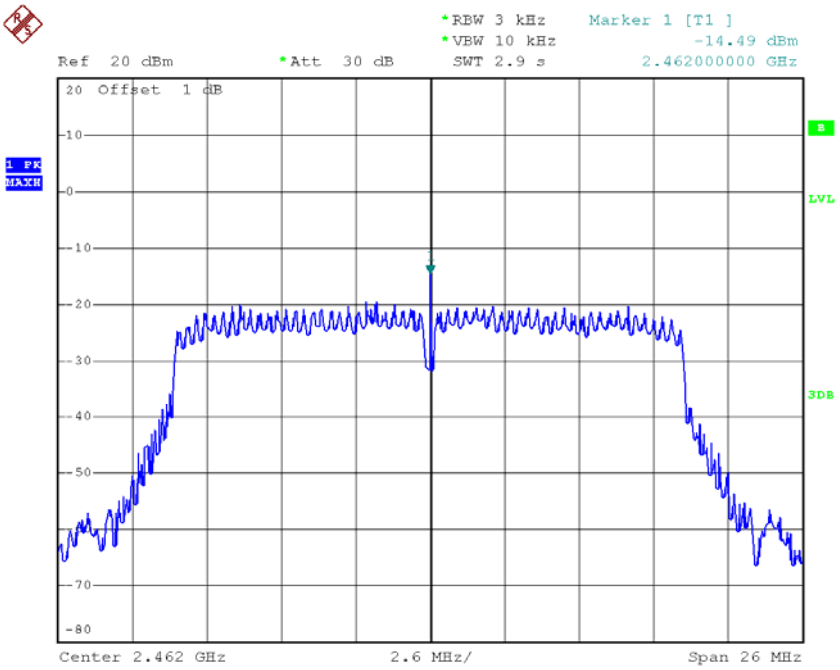


TX CH06



Date: 26.AUG.2013 15:41:10

TX CH11



Date: 26.AUG.2013 15:15:12

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-20MHz /CH01, CH06, CH11 / ANT 1+ ANT 2 / Dipole Antenna with external cable		

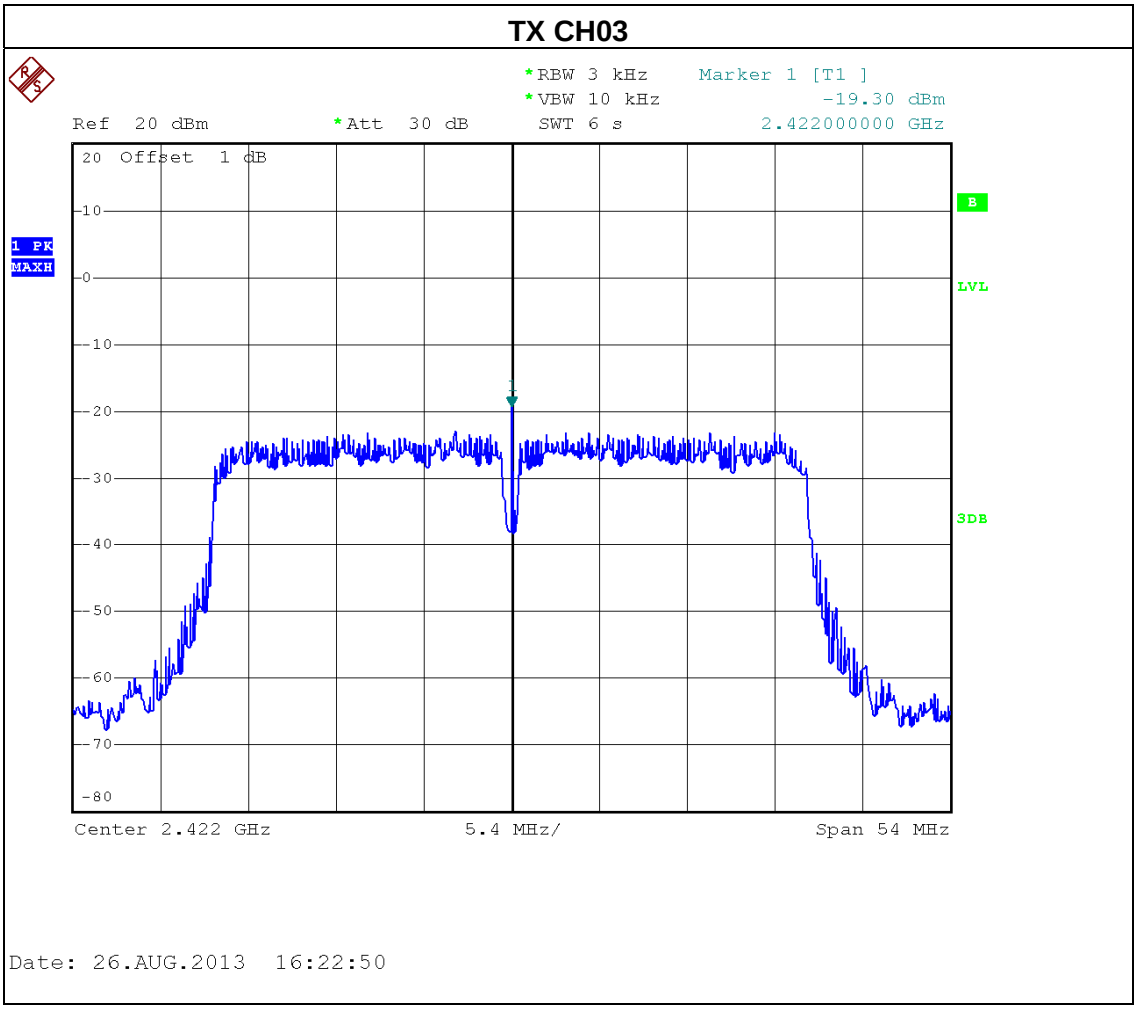
Test Channel	Frequency (MHz)	Power density (dBm)	(mW)	LIMIT (dBm)	PASS/FAIL
CH01	2412	-12.22	0.06	8	PASS
CH06	2437	-12.69	0.05	8	PASS
CH11	2462	-13.19	0.05	8	PASS

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R) , all transmit signals are completely uncorrelated, then,**Direction gain = G_{ANT}**, that is Directional gain=3.09.

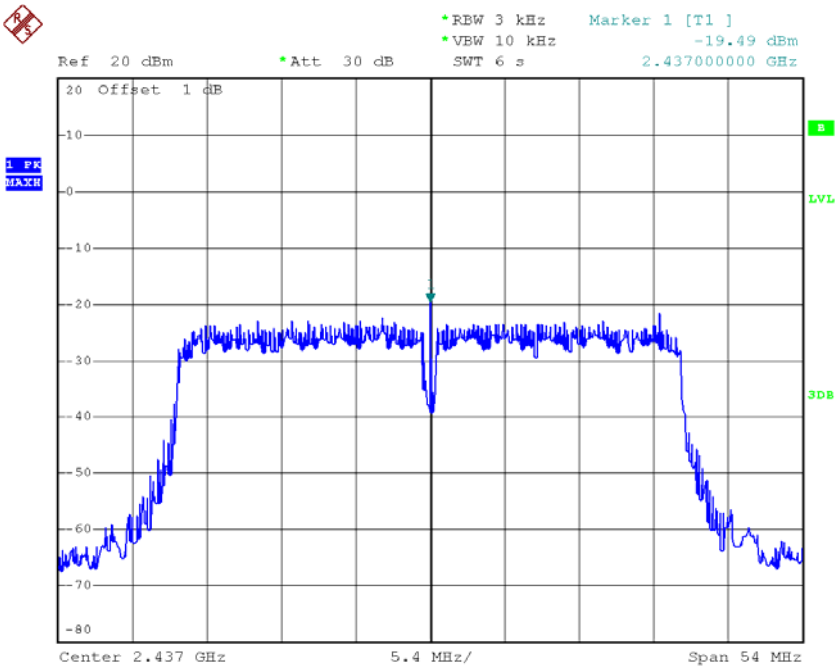
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-40MHz /CH03, CH06, CH09 / ANT 1 / Dipole Antenna with external cable		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH03	2422	-19.30	8
CH06	2437	-19.49	8
CH09	2452	-18.91	8

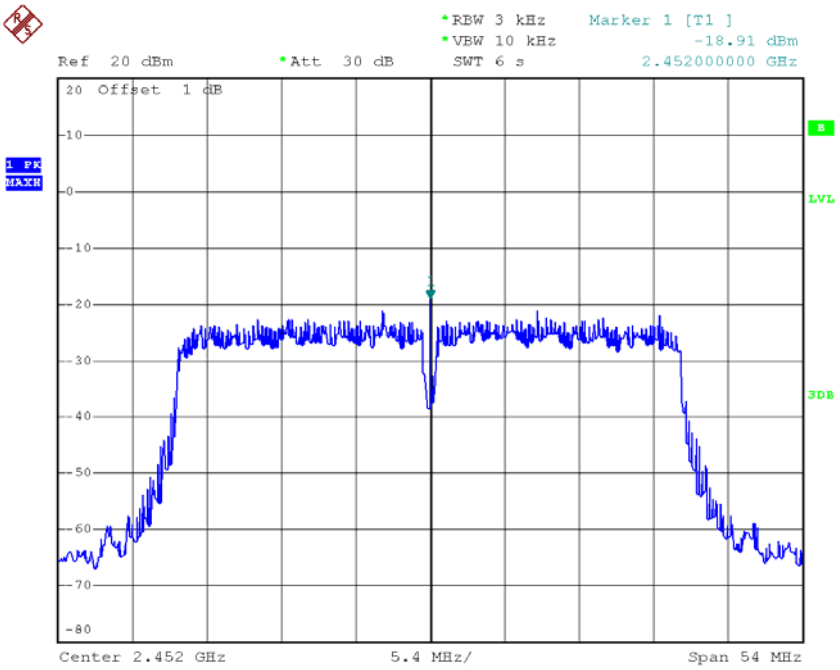
TX CH03



TX CH06



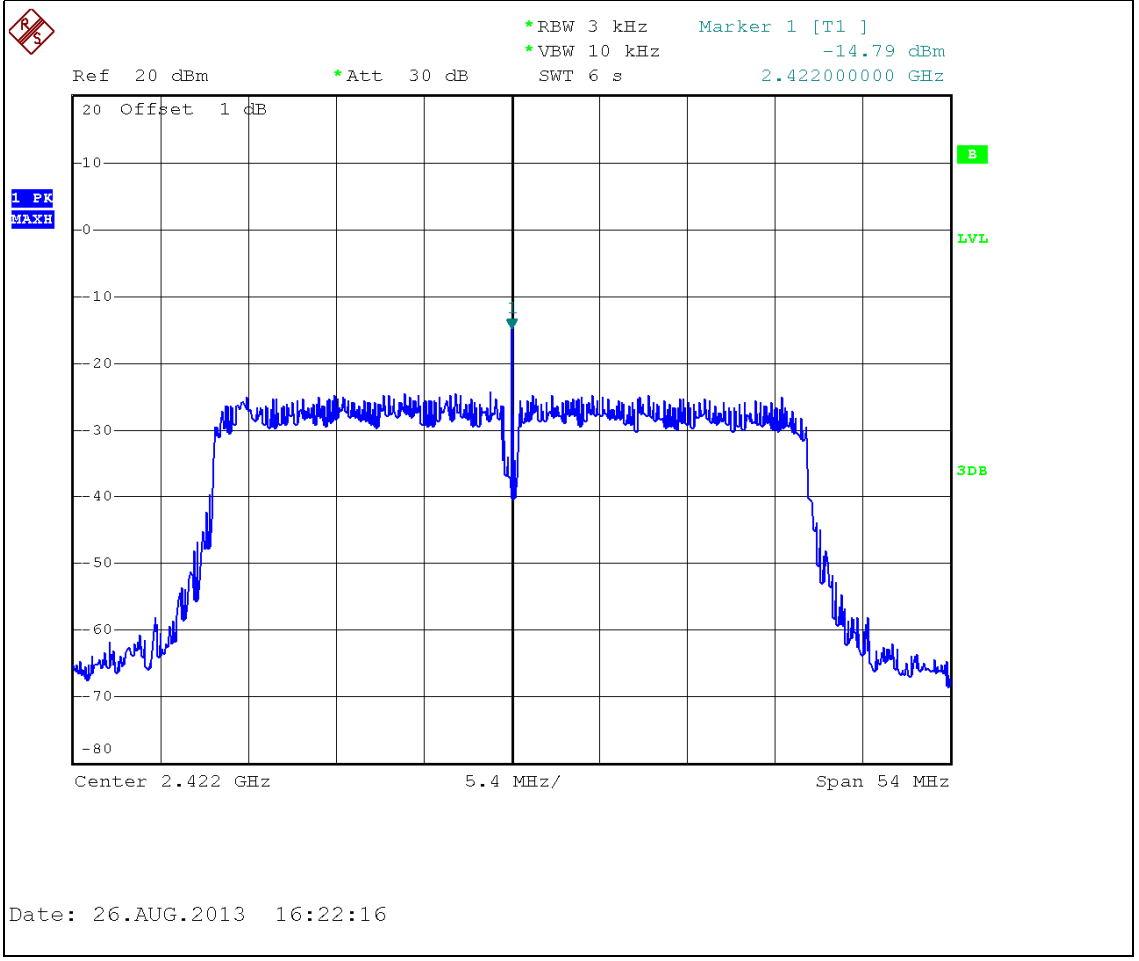
TX CH09



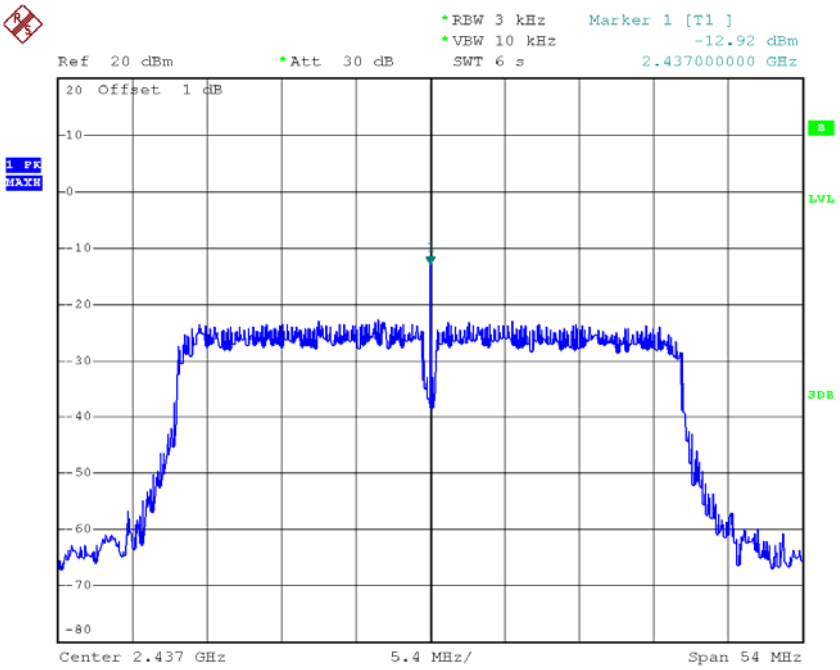
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-40MHz /CH03, CH06, CH09 / ANT 2 / Dipole Antenna with external cable		

Test Channel	Frequency (MHz)	Power Density (dBm)	Limit (dBm)
CH03	2422	-14.79	8
CH06	2437	-12.92	8
CH09	2452	-12.45	8

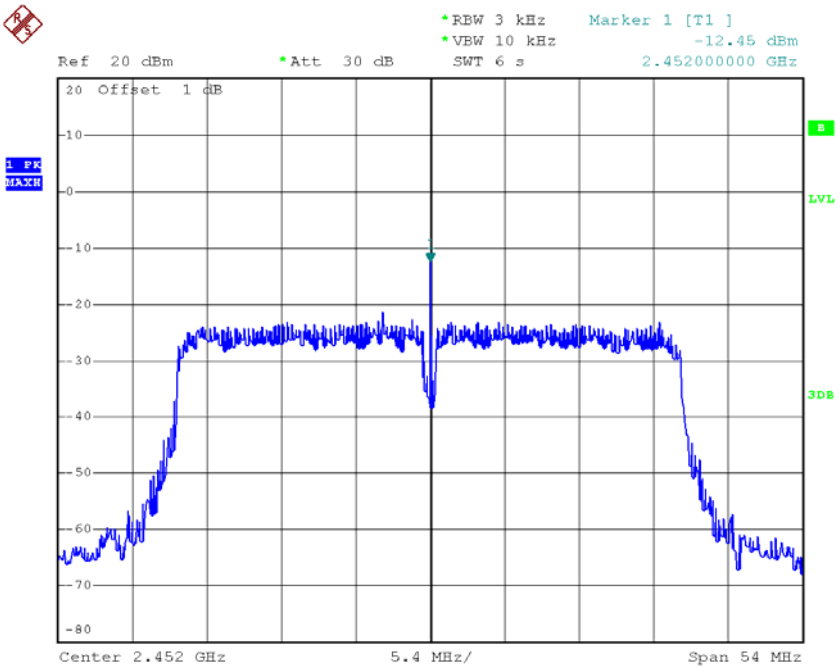
TX CH03



TX CH06



TX CH09



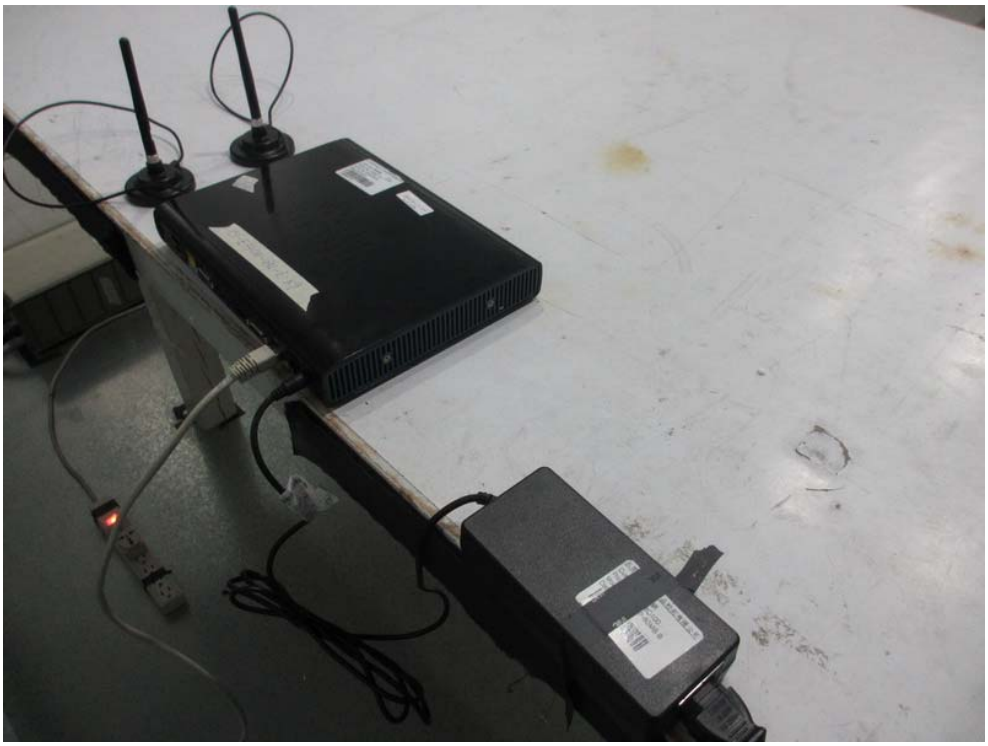
EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1016 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N MODE-40MHz /CH03, CH06, CH09 / ANT 1+ ANT 2 / Dipole Antenna with external cable		

Test Channel	Frequency (MHz)	Power density (dBm)	(mW)	LIMIT (dBm)	PASS/FAIL
CH03	2422	-13.47	0.04	8	PASS
CH06	2437	-12.06	0.06	8	PASS
CH09	2452	-11.57	0.07	8	PASS

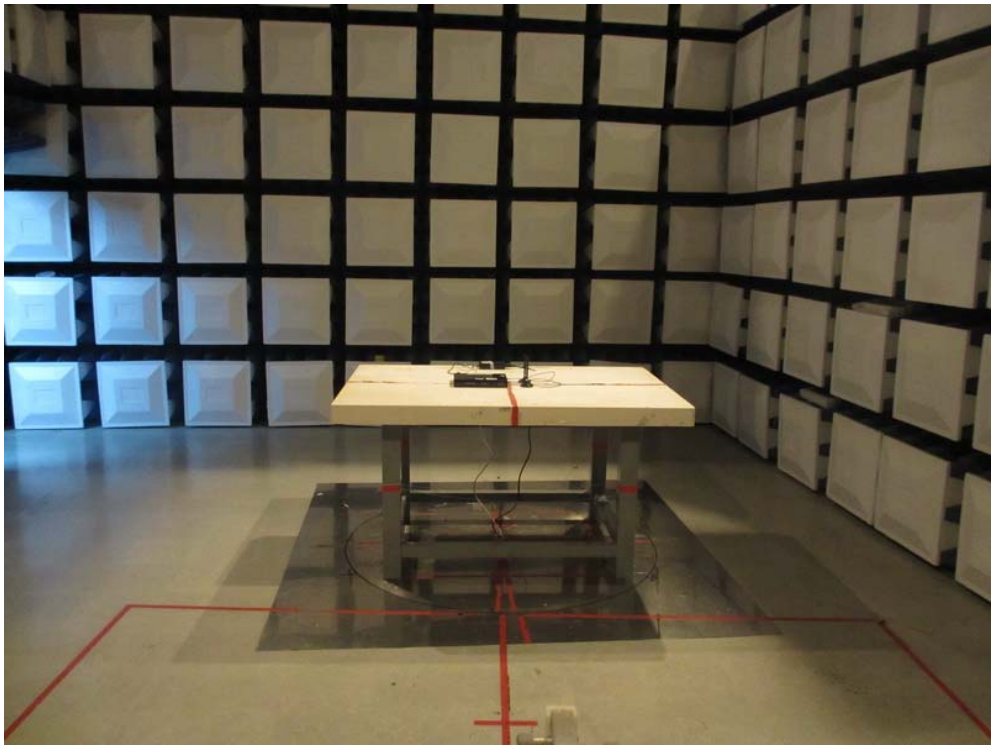
Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R) , all transmit signals are completely uncorrelated, then,**Direction gain = G_{ANT}**, that is Directional gain=3.09.

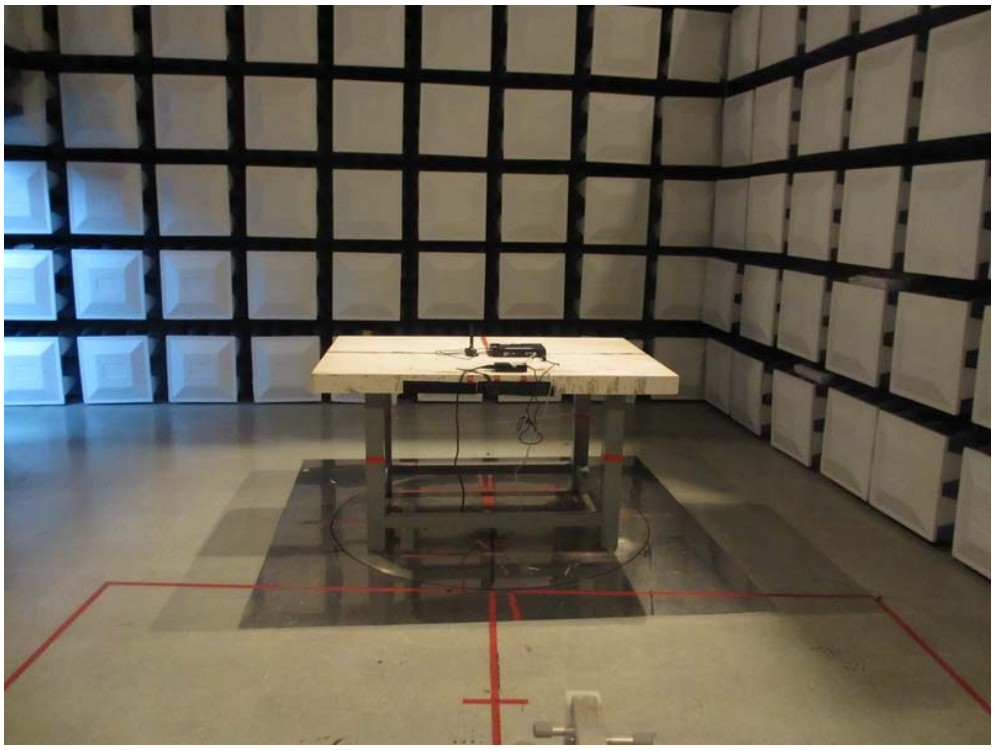
9. EUT TEST PHOTO

Conducted Measurement Photos



Radiated Measurement Photos
30M~1000MHz





Radiated Measurement Photos
Above 1000MHz