

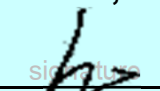
1. TEST RESULT REPORT

Applicant (Pittasoft Co.,Ltd.)

Hyunmin Hur ,CEO

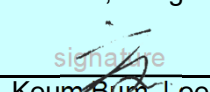
Test Laboratory: ESTECH CO., LTD

Tested Engineer;


Ki Ho, Kang

X

Approval person;


Keum Bum, Lee

X

1. Model Name	DR750X-2CH Plus
2. Serial Number	-
3. Number of Tested Equipment	1
4. Test Method	Measurement was conducted by the following test method: the test method of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in Annex 43 of Article 88, Paragraph 1 or the test method than
5. Date of Testing	2021-02-19 ~ 2021-02-26
6. Place of Testing	ESTECH CO., LTD. Suite 1015, World Venture Center II, 123 Gasan Digital 2-ro, Geumcheon-gu, Seoul, 08505, Korea
7. Test Result	PASS (Refer to attachment)
8. Measurement Equipment	Refer to Item 3
9. Classification of Specified Radio Equipment	Article 2 Clause 1 Item 19
10. Type of Emissions, Frequency and Declaration Output Power to be tested	G1D 2412MHz-2472MHz(Interval of 5MHz 13ch) 2mW/MHz D1DG1D 2412MHz-2472MHz(Interval of 5MHz 13ch) 0.65mW/MHz D1D,G1D 2422MHz-2462MHz(Interval of 5MHz 9ch) 0.4mW/MHz

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2. TEST RESULTS DATA FOR JAPANESE CERTIFICATION

Environment of Test Room	Temperature	23 °C
	Humidity	48 %

Peak Antenna Gain	1.88	dBi
Declaration Output Power	2	mW/MHz
Declaration Output Power	3.0103	dBm/MHz
E.I.R.P	4.8903	dBm/MHz
Input Power Voltage	12	VDC

Tested Circuit Insertion Loss		1	dB
Burst	ON TIME	-Not applicable-	sec
	OFF TIME	-Not applicable-	sec
	Ratio	-Not applicable-	%
Packet Type (Mode)		-Not applicable-	mode

Frequency equal to the transmission rate of the modulation signal
1.375 MHz

Test Category ; 2.4GHz Band Wideband Low-Power Data Communication System

Comprehensive operation test

"When the input voltage to receiver RF circuit varies below $\pm 1\%$, as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power supply)."

2.1. TEST Results (802.11b)

Measurement Frequency	MHz	2412	2442	2472	Result	NOTES
Channel Number	Ch.	1	7	13	-----	
Reading Frequency (TX1)	MHz	2411.98569	2441.98515	2471.98484	-----	
Frequency Tolerance (TX1)	ppm	-5.93284	-6.08108	-6.13269	PASS	
Reading Frequency (TX2)	MHz				-----	
Frequency Tolerance (TX2)	ppm				-----	
Reading Frequency (TX3)	MHz				-----	
Frequency Tolerance (TX3)	ppm				-----	
Occupied Bandwidth (TX1)	MHz	14.7439	14.739	14.8075	PASS	
Spread Bandwidth (TX1)	MHz	9.6624	9.6528	9.7008	PASS	
Occupied Bandwidth (TX2)	MHz				-----	
Spread Bandwidth (TX2)	MHz				-----	
Occupied Bandwidth (TX3)	MHz				-----	
Spread Bandwidth (TX3)	MHz				-----	
RF Output Power (TX1)	mW/MHz	2.259	2.198	0.701	PASS	
RF Output Power (TX2)	mW/MHz				-----	
RF Output Power (TX3)	mW/MHz				-----	
RF Output Power (TX1+2+3)	mW/MHz				-----	
RF Output Power Tolerance (TX1) or (TX1+2) or (TX1+2+3)	%	12.95	9.90	-64.95	PASS	
Real Total Output Power (TX1)	dBm	12.14	12.05	7.38	-----	<Reference>
Real Total Output Power (TX2)	dBm				-----	<Reference>
Real Total Output Power (TX3)	dBm				-----	<Reference>
Real Total Output Power (TX1+2+3)	dBm				-----	<Reference>

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TEST Results (802.11b)

Measurement Frequency			MHz	2412	2442	2472	Result	NOTES
Channel Number			Ch.	1	7	13	----	
Unwanted Emission Strength (TX1)	Under 2387MHz	μW/MHz	0.008570	0.022960	0.001950	PASS		
		MHz	2387	481.2	511.41	----		
	2387-2400MHz	μW/MHz	0.108420	0.000820	0.000169	PASS		
		MHz	2399.9968	2395.5783	2392.8628	----		
	2483.5-2496.5MHz	μW/MHz	0.000857	0.000829	0.042130	PASS		
		MHz	2485.1855	2487.2376	2483.9603	----		
	2496.5 - 12.5GHz	μW/MHz	0.005450	0.006130	0.003290	PASS		
		MHz	2669.9	2564.9	7232.6	----		
Unwanted Emission Strength (TX2)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
Unwanted Emission Strength (TX3)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
Unwanted Emission Strength (TX1+2) or (TX1+2+3)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
It should be added up all spurious measurement values within "Reference Bandwidth(=1MHz)" of the same frequency.								
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX1)	Under 1GHz	nW	0.024440	0.023440	0.021280	PASS		
		MHz	419.14	446.97	457.15	----		
	1 - 12.5GHz	nW	0.213800	0.223100	0.239990	PASS		
		MHz	7266	8028.3	7615.6	----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX2)	Under 1GHz	nW				----		
		MHz				----		
	1 - 12.5GHz	nW				----		
		MHz				----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX3)	Under 1GHz	nW				----		
		MHz				----		
	1 - 12.5GHz	nW				----		
		MHz				----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX1+2) or (RX1+2+3)	Under 1GHz	nW				----		
		MHz				----		
	1 - 12.5GHz	nW				----		
		MHz				----		
It should be added up all spurious measurement values within "Reference Bandwidth(=1MHz)" of the same frequency.								
Spread Factor			----	7.03	7.02	7.06	PASS	
Interference Prevention Function			----	good			PASS	

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2. TEST RESULTS DATA FOR JAPANESE CERTIFICATION

Environment of Test Room	Temperature	24 °C
	Humidity	49 %

Peak Antenna Gain	1.88	dBi
Declaration Output Power	0.65	mW/MHz
Declaration Output Power	-1.8709	dBm/MHz
E.I.R.P	0.0091	dBm/MHz
Input Power Voltage	12	VDC

Tested Circuit Insertion Loss		1	dB
Burst	ON TIME	-Not applicable-	sec
	OFF TIME	-Not applicable-	sec
	Ratio	-Not applicable-	%
Packet Type (Mode)		-Not applicable-	mode

Frequency equal to the transmission rate of the modulation signal
N/A

Test Category ; 2.4GHz Band Wideband Low-Power Data Communication System

Comprehensive operation test

"When the input voltage to receiver RF circuit varies below $\pm 1\%$, as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power supply)."

2.1. TEST Results (802.11g)

Measurement Frequency	MHz	2412	2442	2472	Result	NOTES
Channel Number	Ch.	1	7	13	-----	
Reading Frequency (TX1)	MHz	2411.98804	2441.98715	2471.98584	-----	
Frequency Tolerance (TX1)	ppm	-4.95854	-5.26208	-5.72816	PASS	
Reading Frequency (TX2)	MHz				-----	
Frequency Tolerance (TX2)	ppm				-----	
Reading Frequency (TX3)	MHz				-----	
Frequency Tolerance (TX3)	ppm				-----	
Occupied Bandwidth (TX1)	MHz	17.7848	17.829	17.8293	PASS	
Spread Bandwidth (TX1)	MHz				-----	
Occupied Bandwidth (TX2)	MHz				-----	
Spread Bandwidth (TX2)	MHz				-----	
Occupied Bandwidth (TX3)	MHz				-----	
Spread Bandwidth (TX3)	MHz				-----	
RF Output Power (TX1)	mW/MHz	0.406	0.762	0.137	PASS	
RF Output Power (TX2)	mW/MHz				-----	
RF Output Power (TX3)	mW/MHz				-----	
RF Output Power (TX1+2+3)	mW/MHz				-----	
RF Output Power Tolerance (TX1) or (TX1+2) or (TX1+2+3)	%	-37.54	17.23	-78.92	PASS	
Real Total Output Power (TX1)	dBm	8.01	10.69	3.19	-----	<Reference>
Real Total Output Power (TX2)	dBm				-----	<Reference>
Real Total Output Power (TX3)	dBm				-----	<Reference>
Real Total Output Power (TX1+2+3)	dBm				-----	<Reference>

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TEST Results (802.11g)

Measurement Frequency			MHz	2412	2442	2472	Result	NOTES
Channel Number			Ch.	1	7	13	----	
Unwanted Emission Strength (TX1)	Under 2387MHz	μW/MHz	0.016340	0.013480	0.001320	PASS		
		MHz	2387	481.78	1737.25	----		
	2387-2400MHz	μW/MHz	0.123650	0.000979	0.000128	PASS		
		MHz	2399.854	2396.6702	2398.7208	----		
	2483.5-2496.5MHz	μW/MHz	0.000473	0.001210	0.054630	PASS		
		MHz	2488.5803	2487.3963	2483.6016	----		
	2496.5 - 12.5GHz	μW/MHz	0.005320	0.006940	0.002100	PASS		
		MHz	2591.8	2497.7	2497.7	----		
Unwanted Emission Strength (TX2)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
Unwanted Emission Strength (TX3)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
Unwanted Emission Strength (TX1+2) or (TX1+2+3)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
It should be added up all spurious measurement values within "Reference Bandwidth(=1MHz)" of the same frequency.								
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX1)	Under 1GHz	nW	0.025950	0.022890	0.028830	PASS		
		MHz	419.97	455.02	415.94	----		
	1 - 12.5GHz	nW	0.230520	0.244680	0.222890	PASS		
		MHz	7319.3	7539.7	7281.4	----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX2)	Under 1GHz	nW				PASS		
		MHz				----		
	1 - 12.5GHz	nW				PASS		
		MHz				----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX3)	Under 1GHz	nW				PASS		
		MHz				----		
	1 - 12.5GHz	nW				PASS		
		MHz				----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX1+2) or (RX1+2+3)	Under 1GHz	nW				PASS		
		MHz				----		
	1 - 12.5GHz	nW				PASS		
		MHz				----		
It should be added up all spurious measurement values within "Reference Bandwidth(=1MHz)" of the same frequency.								
Spread Factor			----	N/A	N/A	N/A	----	
Interference Prevention Function			----	good			PASS	

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2. TEST RESULTS DATA FOR JAPANESE CERTIFICATION

Environment of Test Room	Temperature	24 °C
	Humidity	48 %

Peak Antenna Gain	1.88	dBi
Declaration Output Power	0.4	mW/MHz
Declaration Output Power	-3.9794	dBm/MHz
E.I.R.P	-2.0994	dBm/MHz
Input Power Voltage	12	VDC

Tested Circit Insertion Loss		1	dB
Burst	ON TIME	-Not applicable-	sec
	OFF TIME	-Not applicable-	sec
	Ratio	-Not applicable-	%
Packet Type (Mode)		-Not applicable-	mode

Frequency equal to the transmission rate of the modulation signal
N/A

Test Category ; 2.4GHz Band Wideband Low-Power Data Communication System

Comprehensive operation test

"When the input voltage to receiver RF circuit varies below $\pm 1\%$, as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power supply)."

2.1. TEST Results (802.11n HT20)

Measurement Frequency	MHz	2412	2442	2472	Result	NOTES
Channel Number	Ch.	1	7	13	-----	
Reading Frequency (TX1)	MHz	2411.98884	2441.98865	2471.98794	-----	
Frequency Tolerance (TX1)	ppm	-4.62687	-4.64783	-4.87864	PASS	
Reading Frequency (TX2)	MHz				-----	
Frequency Tolerance (TX2)	ppm				-----	
Reading Frequency (TX3)	MHz				-----	
Frequency Tolerance (TX3)	ppm				-----	
Occupied Bandwidth (TX1)	MHz	18.7161	18.6287	18.5783	PASS	
Spread Bandwidth (TX1)	MHz				-----	
Occupied Bandwidth (TX2)	MHz				-----	
Spread Bandwidth (TX2)	MHz				-----	
Occupied Bandwidth (TX3)	MHz				-----	
Spread Bandwidth (TX3)	MHz				-----	
RF Output Power (TX1)	mW/MHz	0.233	0.372	0.081	PASS	
RF Output Power (TX2)	mW/MHz				-----	
RF Output Power (TX3)	mW/MHz				-----	
RF Output Power (TX1+2+3)	mW/MHz				-----	
RF Output Power Tolerance (TX1) or (TX1+2) or (TX1+2+3)	%	-41.75	-7.00	-79.75	PASS	
Real Total Output Power (TX1)	dBm	5.88	7.9	1.3	-----	<Reference>
Real Total Output Power (TX2)	dBm				-----	<Reference>
Real Total Output Power (TX3)	dBm				-----	<Reference>
Real Total Output Power (TX1+2+3)	dBm				-----	<Reference>

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TEST Results (802.11n HT20)

Measurement Frequency			MHz	2412	2442	2472	Result	NOTES
Channel Number			Ch.	1	7	13	----	
Unwanted Emission Strength (TX1)	Under 2387MHz	μW/MHz	0.009420	0.010780	0.000890	PASS		
		MHz	2386.71	480.62	2356.21	----		
	2387-2400MHz	μW/MHz	0.078360	0.000821	0.000106	PASS		
		MHz	2399.8683	2399.981	2398.724	----		
	2483.5-2496.5MHz	μW/MHz	0.000413	0.001040	0.048540	PASS		
		MHz	2487.6297	2488.0661	2483.6333	----		
	2496.5 - 12.5GHz	μW/MHz	0.004830	0.005950	0.001950	PASS		
		MHz	4824.3	2517.3	2498.9	----		
Unwanted Emission Strength (TX2)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
Unwanted Emission Strength (TX3)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
Unwanted Emission Strength (TX1+2) or (TX1+2+3)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
It should be added up all spurious measurement values within "Reference Bandwidth(=1MHz)" of the same frequency.								
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX1)	Under 1GHz	nW	0.024380	0.024750	0.026040	PASS		
		MHz	456.68	453.36	421.51	----		
	1 - 12.5GHz	nW	0.225010	0.203190	0.270580	PASS		
		MHz	7319.3	7309.5	7692.8	----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX2)	Under 1GHz	nW				----		
		MHz				----		
	1 - 12.5GHz	nW				----		
		MHz				----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX3)	Under 1GHz	nW				----		
		MHz				----		
	1 - 12.5GHz	nW				----		
		MHz				----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX1+2) or (RX1+2+3)	Under 1GHz	nW				----		
		MHz				----		
	1 - 12.5GHz	nW				----		
		MHz				----		
It should be added up all spurious measurement values within "Reference Bandwidth(=1MHz)" of the same frequency.								
Spread Factor			----	N/A	N/A	N/A	----	
Interference Prevention Function			----	good			PASS	

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2. TEST RESULTS DATA FOR JAPANESE CERTIFICATION

Environment of Test Room	Temperature	24 °C
	Humidity	48 %

Peak Antenna Gain	1.88	dBi
Declaration Output Power	0.4	mW/MHz
Declaration Output Power	-3.9794	dBm/MHz
E.I.R.P	-2.0994	dBm/MHz
Input Power Voltage	12	VDC

Tested Circuit Insertion Loss		1	dB
Burst	ON TIME	-Not applicable-	sec
	OFF TIME	-Not applicable-	sec
	Ratio	-Not applicable-	%
Packet Type (Mode)		-Not applicable-	mode

Frequency equal to the transmission rate of the modulation signal
N/A

Test Category ; 2.4GHz Band Wideband Low-Power Data Communication System

Comprehensive operation test

"When the input voltage to receiver RF circuit varies below $\pm 1\%$, as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power supply)."

2.1. TEST Results (802.11n HT40)

Measurement Frequency	MHz	2422	2442	2462	Result	NOTES
Channel Number	Ch.	3	7	11	-----	
Reading Frequency (TX1)	MHz	2421.9898	2441.9883	2461.987	-----	
Frequency Tolerance (TX1)	ppm	-4.21140	-4.79115	-5.28026	PASS	
Reading Frequency (TX2)	MHz				-----	
Frequency Tolerance (TX2)	ppm				-----	
Reading Frequency (TX3)	MHz				-----	
Frequency Tolerance (TX3)	ppm				-----	
Occupied Bandwidth (TX1)	MHz	35.8903	35.8727	35.8769	PASS	
Spread Bandwidth (TX1)	MHz				-----	
Occupied Bandwidth (TX2)	MHz				-----	
Spread Bandwidth (TX2)	MHz				-----	
Occupied Bandwidth (TX3)	MHz				-----	
Spread Bandwidth (TX3)	MHz				-----	
RF Output Power (TX1)	mW/MHz	0.117	0.136	0.088	PASS	
RF Output Power (TX2)	mW/MHz				-----	
RF Output Power (TX3)	mW/MHz				-----	
RF Output Power (TX1+2+3)	mW/MHz				-----	
RF Output Power Tolerance (TX1) or (TX1+2) or (TX1+2+3)	%	-70.75	-66.00	-78.00	PASS	
Real Total Output Power (TX1)	dBm	5.55	6.63	4.77	-----	<Reference>
Real Total Output Power (TX2)	dBm				-----	<Reference>
Real Total Output Power (TX3)	dBm				-----	<Reference>
Real Total Output Power (TX1+2+3)	dBm				-----	<Reference>

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TEST Results (802.11n HT40)

Measurement Frequency			MHz	2412	2442	2472	Result	NOTES
Channel Number			Ch.	1	7	13	----	
Unwanted Emission Strength (TX1)	Under 2387MHz	μW/MHz	0.028390	0.003830	0.001210	PASS		
		MHz	2382.11	2384.12	2378.94	----		
	2387-2400MHz	μW/MHz	0.008350	0.002250	0.000169	PASS		
		MHz	2397.8717	2399.1255	2399.3239	----		
	2483.5-2496.5MHz	μW/MHz	0.000499	0.001570	0.007980	PASS		
		MHz	2494.7209	2483.9269	2484.1666	----		
	2496.5 - 12.5GHz	μW/MHz	0.003300	0.004780	0.030730	PASS		
		MHz	4843.8	2507.5	2497.7	----		
Unwanted Emission Strength (TX2)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
Unwanted Emission Strength (TX3)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
Unwanted Emission Strength (TX1+2) or (TX1+2+3)	Under 2387MHz	μW/MHz				----		
		MHz				----		
	2387-2400MHz	μW/MHz				----		
		MHz				----		
	2483.5-2496.5MHz	μW/MHz				----		
		MHz				----		
	2496.5MHz-12.5GHz	μW/MHz				----		
		MHz				----		
It should be added up all spurious measurement values within "Reference Bandwidth(=1MHz)" of the same frequency.								
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX1)	Under 1GHz	nW	0.029070	0.025080	0.021690	PASS		
		MHz	445.31	451.58	425.18	----		
	1 - 12.5GHz	nW	0.217770	0.213650	0.270270	PASS		
		MHz	7288.4	7250.5	7028.7	----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX2)	Under 1GHz	nW				----		
		MHz				----		
	1 - 12.5GHz	nW				----		
		MHz				----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX3)	Under 1GHz	nW				----		
		MHz				----		
	1 - 12.5GHz	nW				----		
		MHz				----		
Secondarily Emitted Radio Wave Strength (RX Spurious) (RX1+2) or (RX1+2+3)	Under 1GHz	nW				----		
		MHz				----		
	1 - 12.5GHz	nW				----		
		MHz				----		
It should be added up all spurious measurement values within "Reference Bandwidth(=1MHz)" of the same frequency.								
Spread Factor			----	N/A	N/A	N/A	----	
Interference Prevention Function			----	good			PASS	

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3. Measurement Equipment List

[illegible]

Note : 1. The calibration of measurement equipment is valid for a one year period.
2. "X" used equipment.

Calibration conducted in South Korea, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

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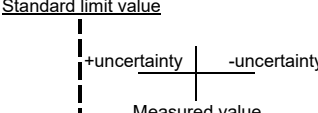
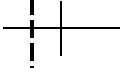
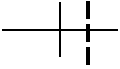
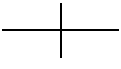
4. About Uncertainty of Measured Value

*In this test, the influence of an error or uncertainty may be done according to the following factors.

- Bias of a measurement equipment, Change by aging, Attrition, Noise
- Skill and capability of an inspector
- Environment (Temperature, Humidity)
- Dispersion in a EUT (Equipment Under Test)
- Uncertainty of calibration of a measurement equipment

Therefore, Synthetic uncertainty is calculated using "k=2" of coverage factor, and about 95% of confidence level shall be obtained.

In consideration of the above, it judged as follows.

JUDGE	Measured value and Standard limit value	
PASS	Case1  <p>*Even if it takes uncertainty into consideration, a standard limit value is fulfilled.</p>	
	Case2  <p>*Although measured value is in a standard limit value, a limit value won't be fulfilled if uncertainty is taken into consideration.</p>	
FAIL	Case3  <p>*Although measured value exceeds a standard limit value, a limit value will be fulfilled if uncertainty is taken into consideration.</p>	
	Case4  <p>*Even if it takes uncertainty into consideration, a standard limit value isn't fulfilled.</p>	

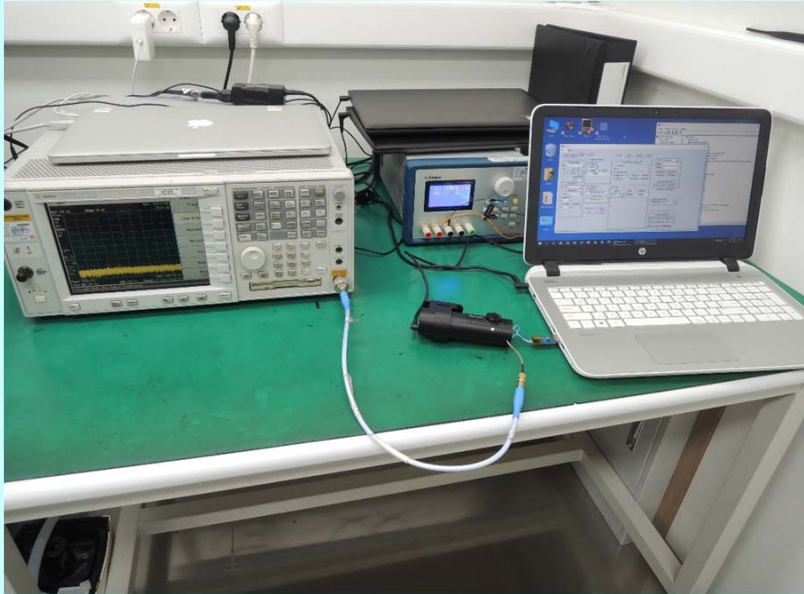
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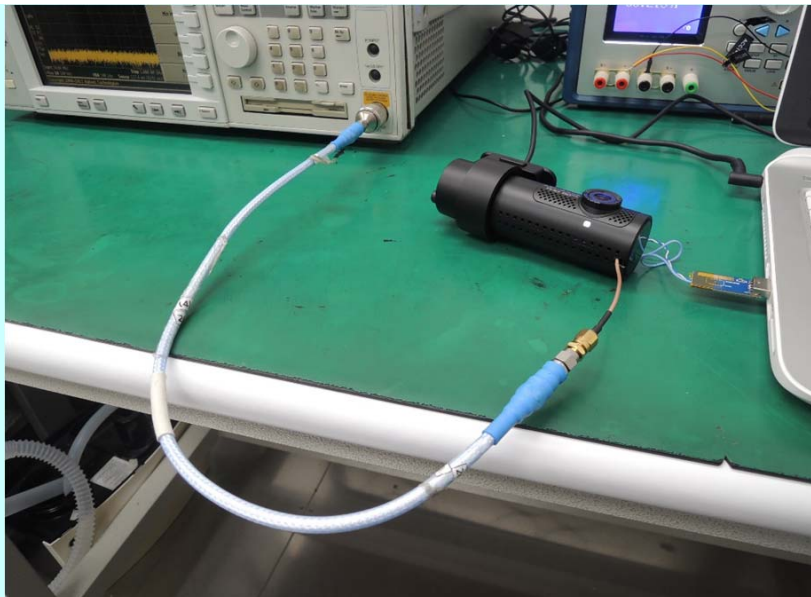
5. PHOTOGRAPHS

5 Test Conditions Photographs

Test Circuit Photo



Conducted Measurement Photo



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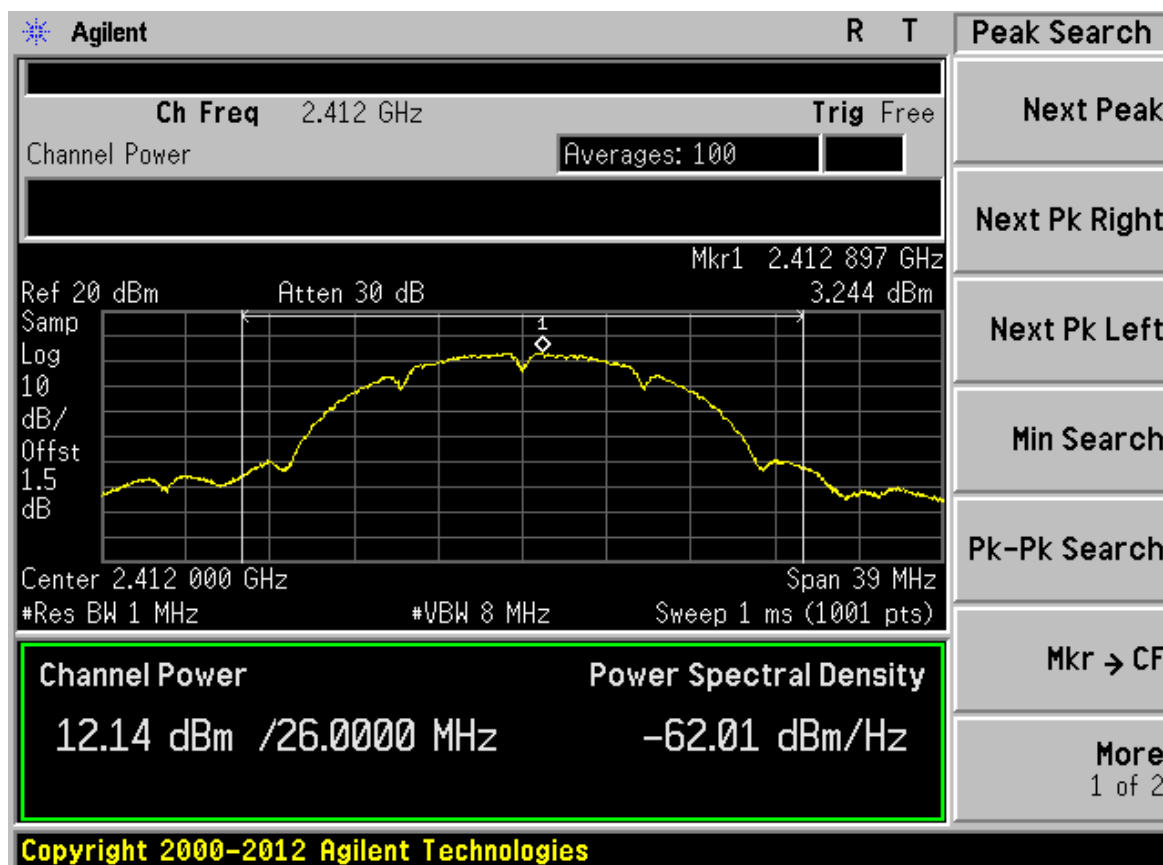
6. Antenna List Table

			MAX VALUE ;		1.8800 dBi		
ANTENNA			Gain Specification				NOTES (Cable or Others)
No	Type	Model Name	Max Gain (dBi)	Polarization (H or V)	Attenuation	Net Gain (dBi)	
1	Chip	Non	1.88	Horizontal	0	1.880	
2			0	Horizontal	0	0.000	
3			0	Horizontal	0	0.000	
4			0	Horizontal	0	0.000	
5			0	Horizontal	0	0.000	
6			0	Horizontal	0	0.000	
7			0	Horizontal	0	0.000	
8			0	Horizontal	0	0.000	
9			0	Horizontal	0	0.000	
10			0	Horizontal	0	0.000	
11			0	Horizontal	0	0.000	
12			0	Horizontal	0	0.000	
13			0	Horizontal	0	0.000	
14			0	Horizontal	0	0.000	
15			0	Horizontal	0	0.000	
16			0	Horizontal	0	0.000	
17			0	Horizontal	0	0.000	
18			0	Horizontal	0	0.000	
19			0	Horizontal	0	0.000	
20			0	Horizontal	0	0.000	
21			0	Horizontal	0	0.000	
22			0	Horizontal	0	0.000	
23			0	Horizontal	0	0.000	
24			0	Horizontal	0	0.000	
25			0	Horizontal	0	0.000	
26			0	Horizontal	0	0.000	
27			0	Horizontal	0	0.000	
28			0	Horizontal	0	0.000	
29			0	Horizontal	0	0.000	
30			0	Horizontal	0	0.000	
31			0	Horizontal	0	0.000	
32			0	Horizontal	0	0.000	
33			0	Horizontal	0	0.000	
34			0	Horizontal	0	0.000	
35			0	Horizontal	0	0.000	

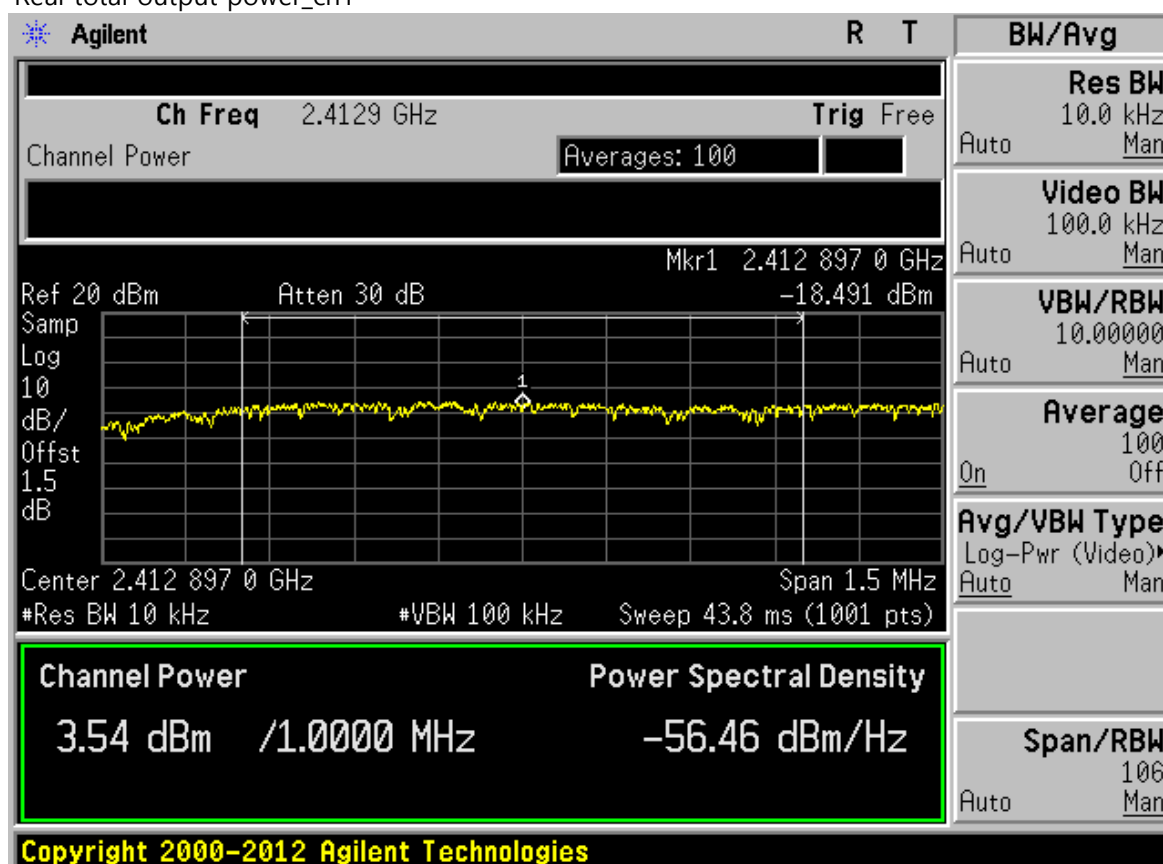
If the equipment has more than two transmission chains (such like MIMO), the antenna combination should be considered not to exceed the limit of total EIRP.

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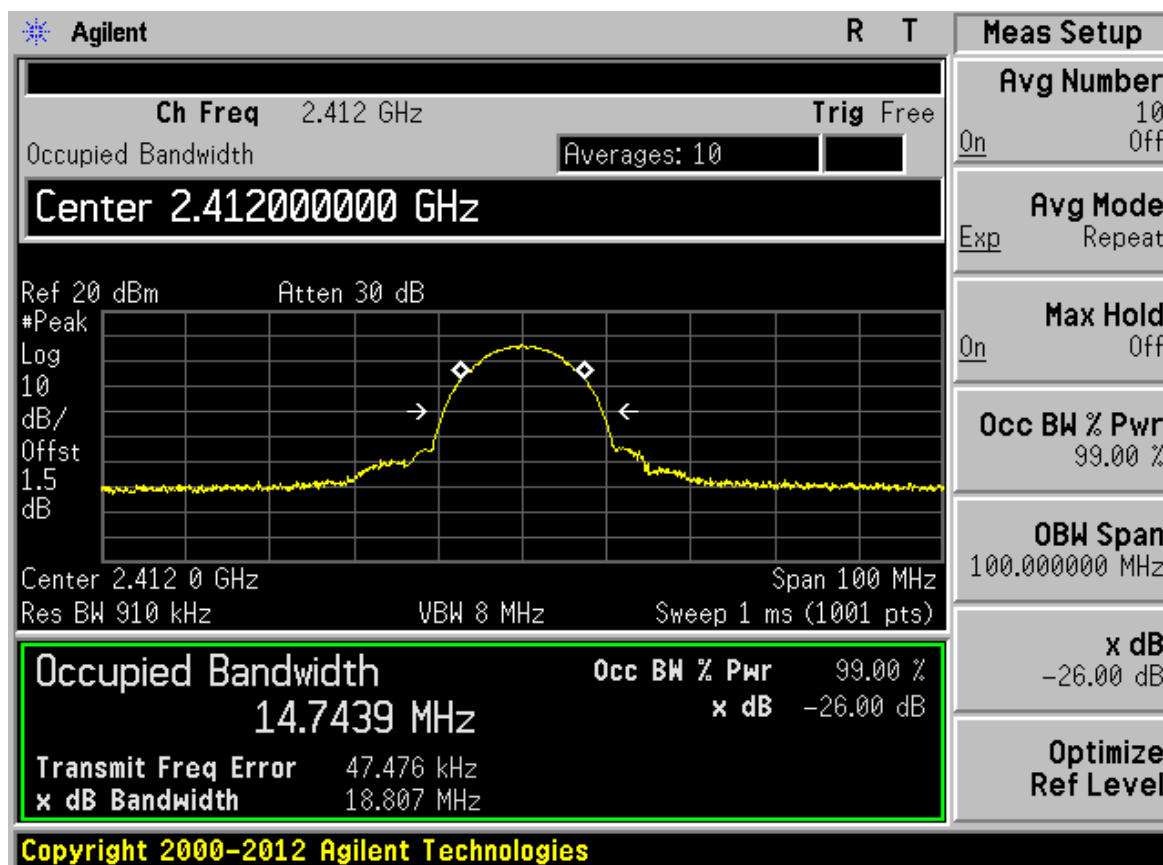
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Phone: +82-2-867-3201, Fax: +82-2-867-3204



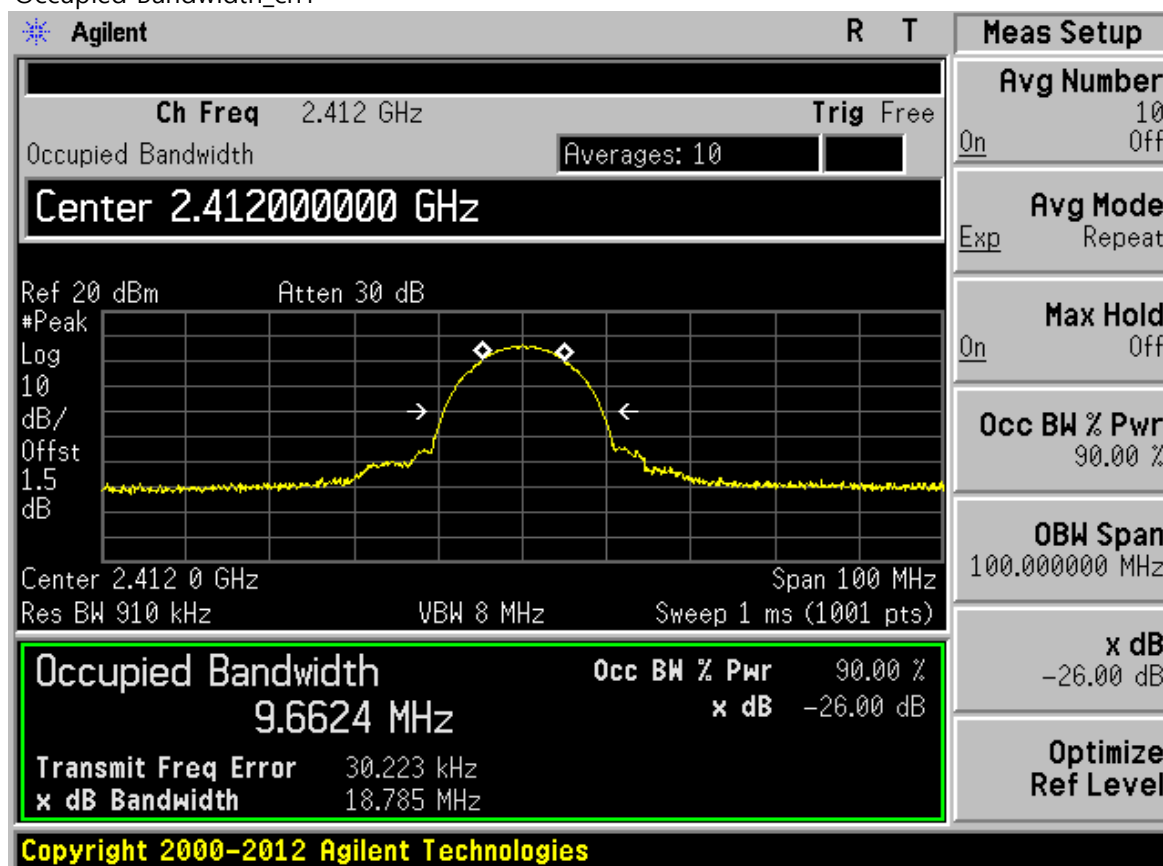
Real total output power_ch1



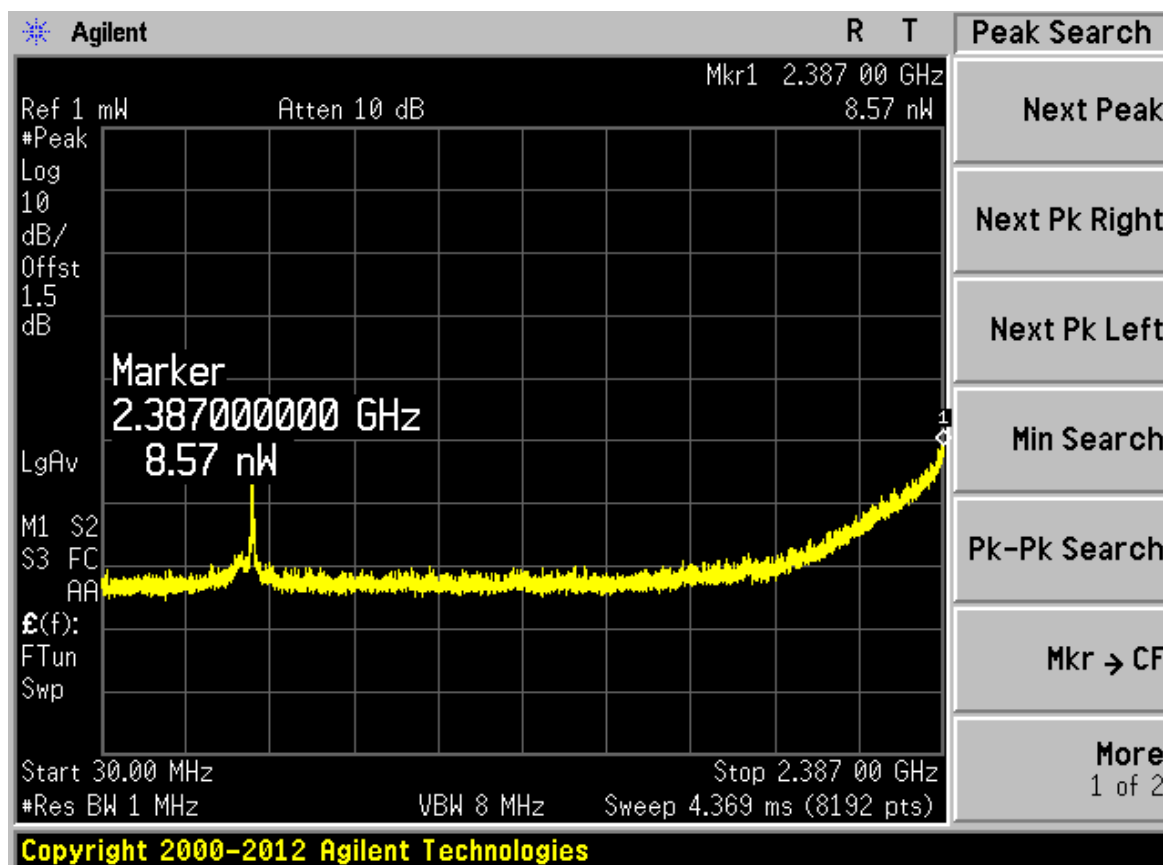
RF output power_ch1



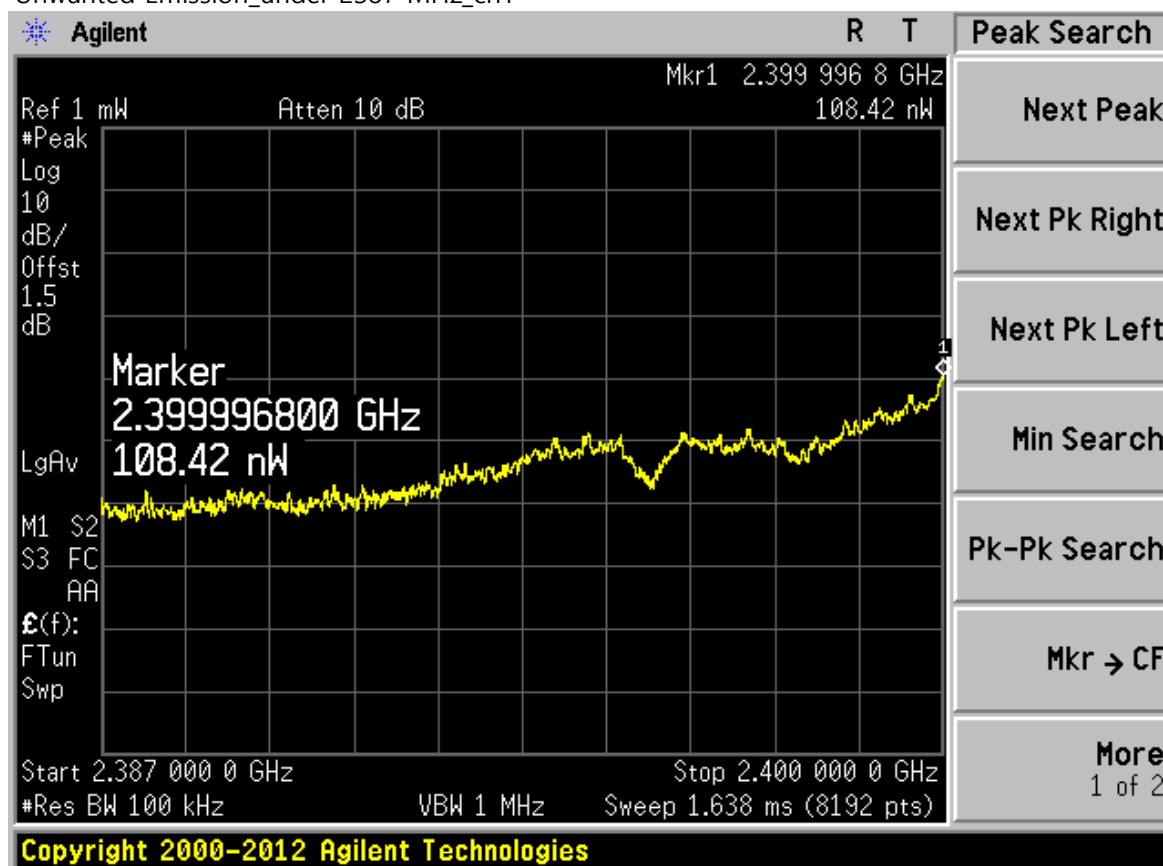
Occupied Bandwidth_ch1



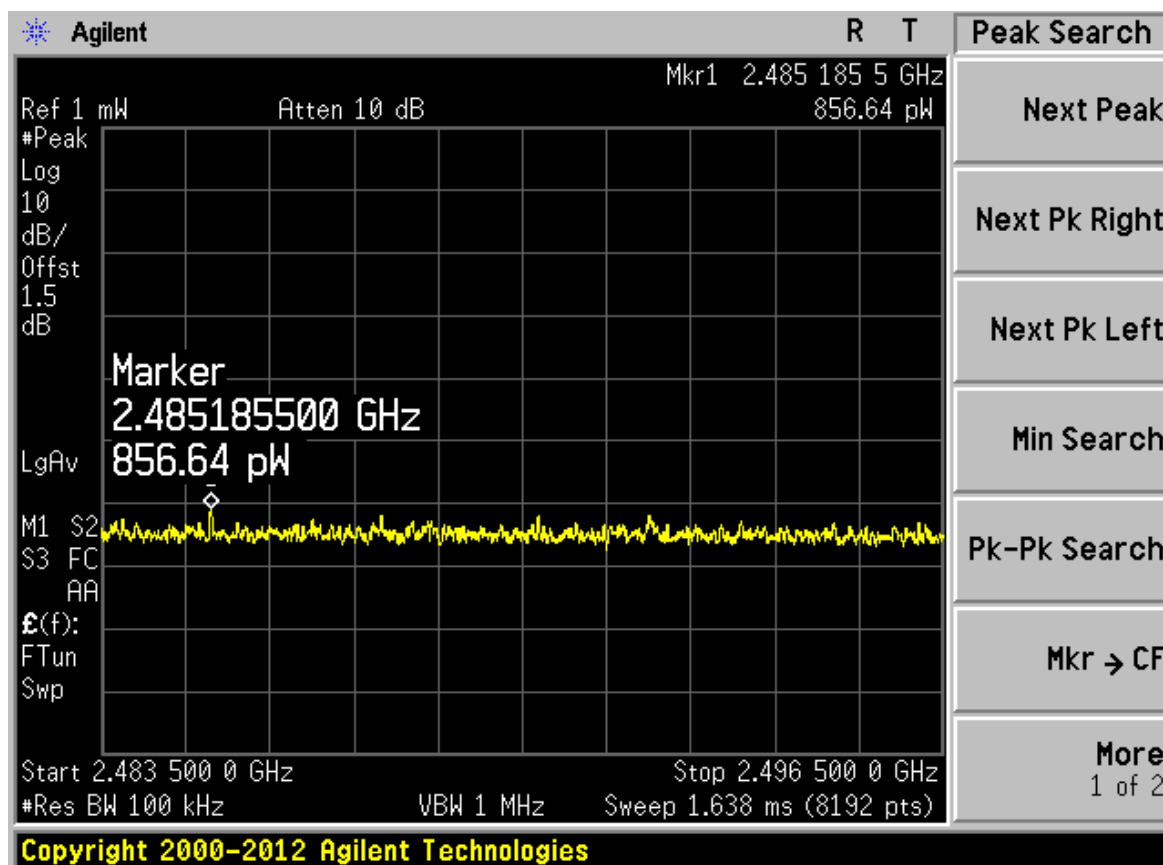
Spread Bandwidth_ch1



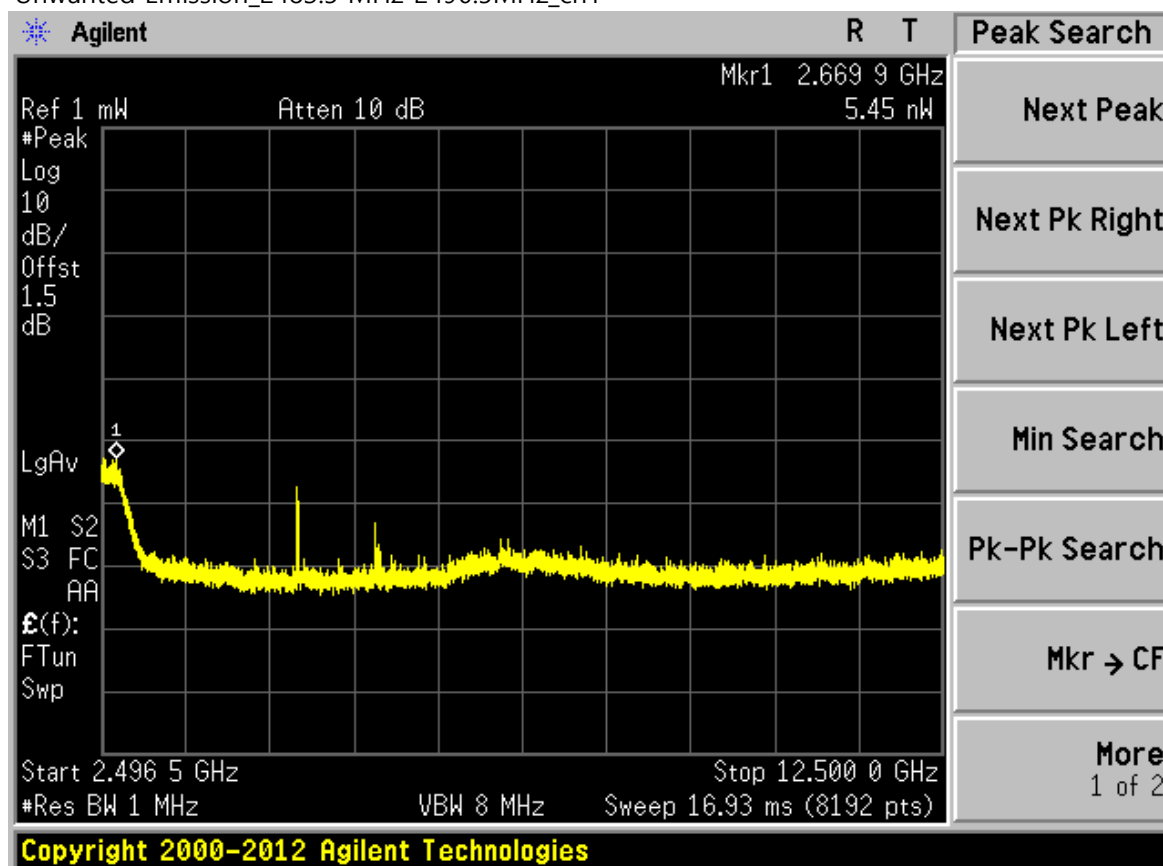
Unwanted Emission_under 2387 MHz_ch1



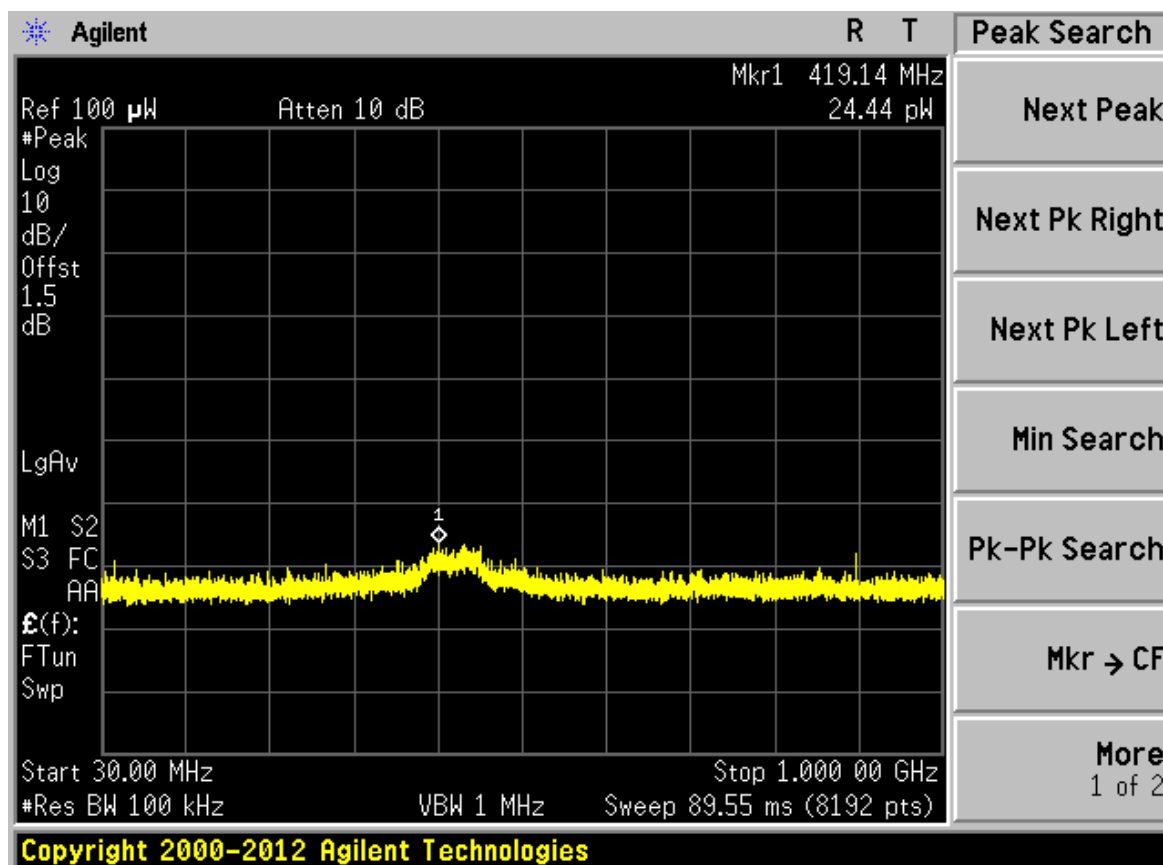
Unwanted Emission_2387 MHz-2400MHz_ch1



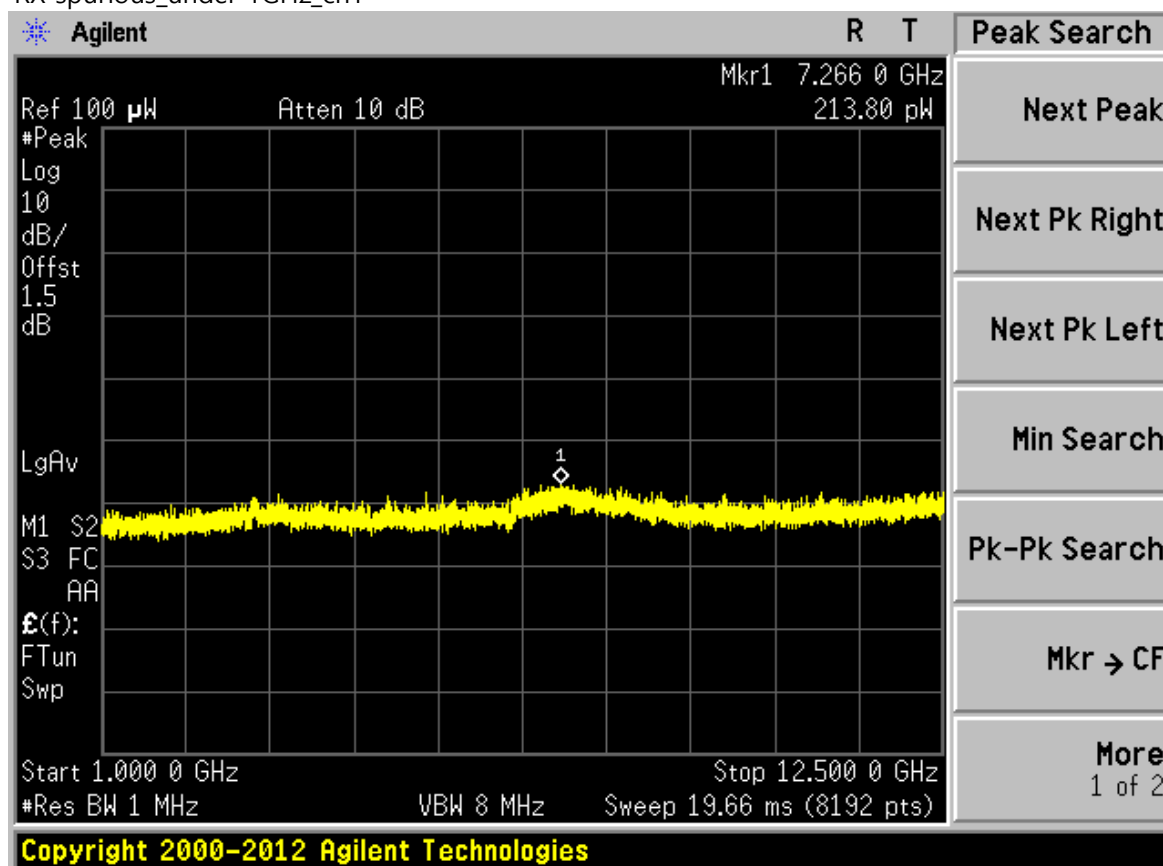
Unwanted Emission_2483.5 MHz-2496.5MHz_ch1



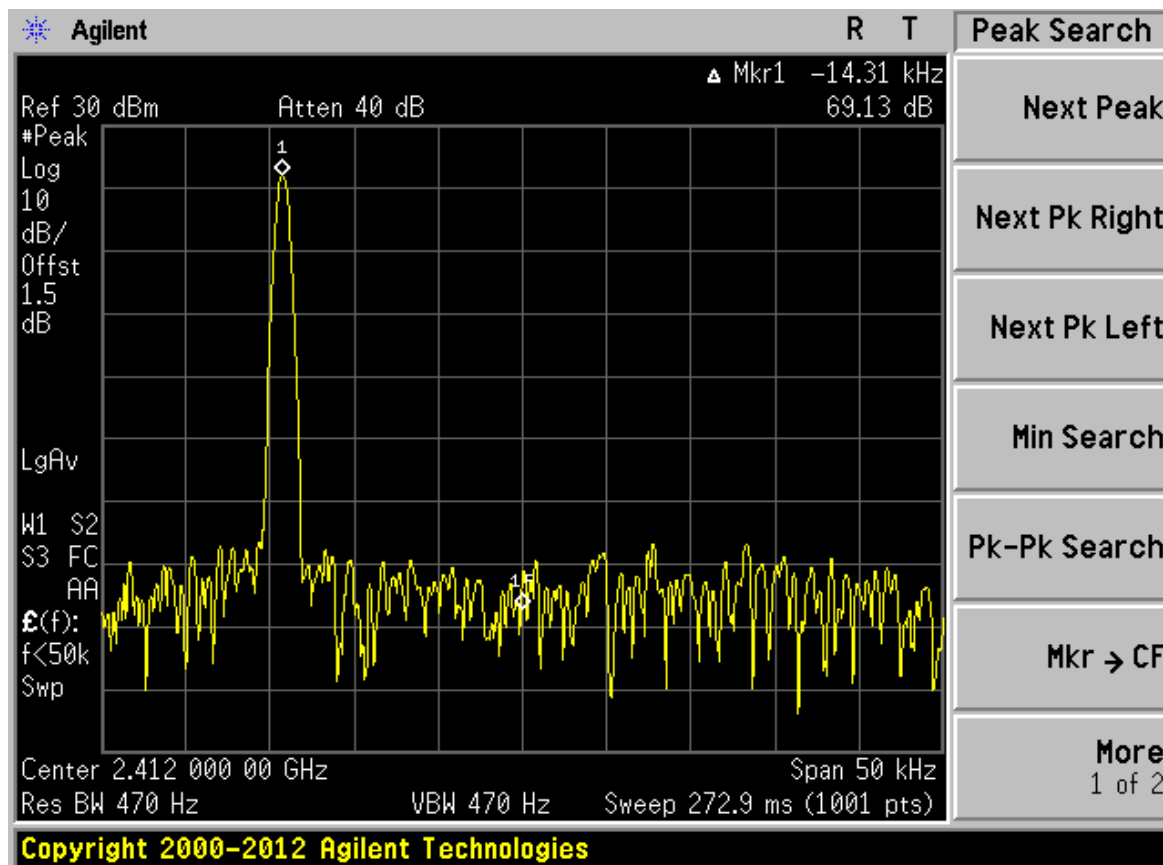
Unwanted Emission_2496.5MHz-12.5GHz_ch1



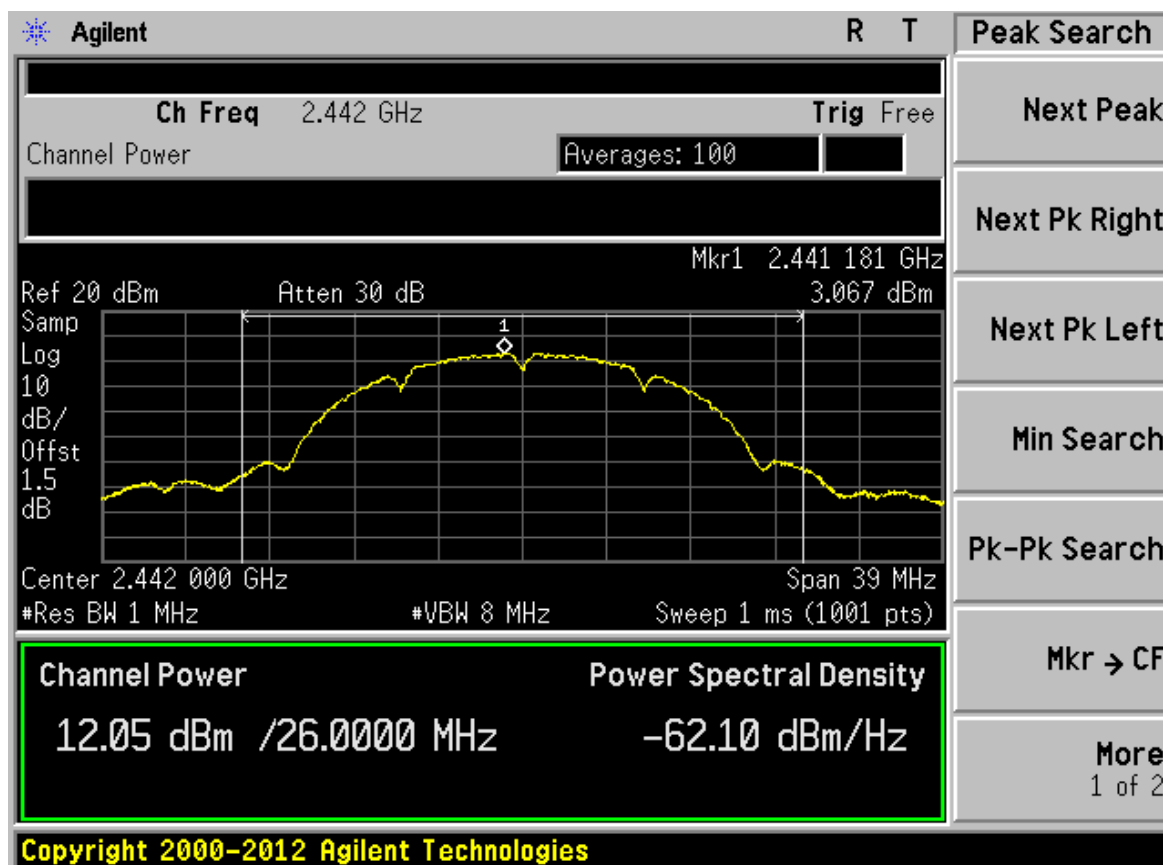
RX spurious_under 1GHz_ch1



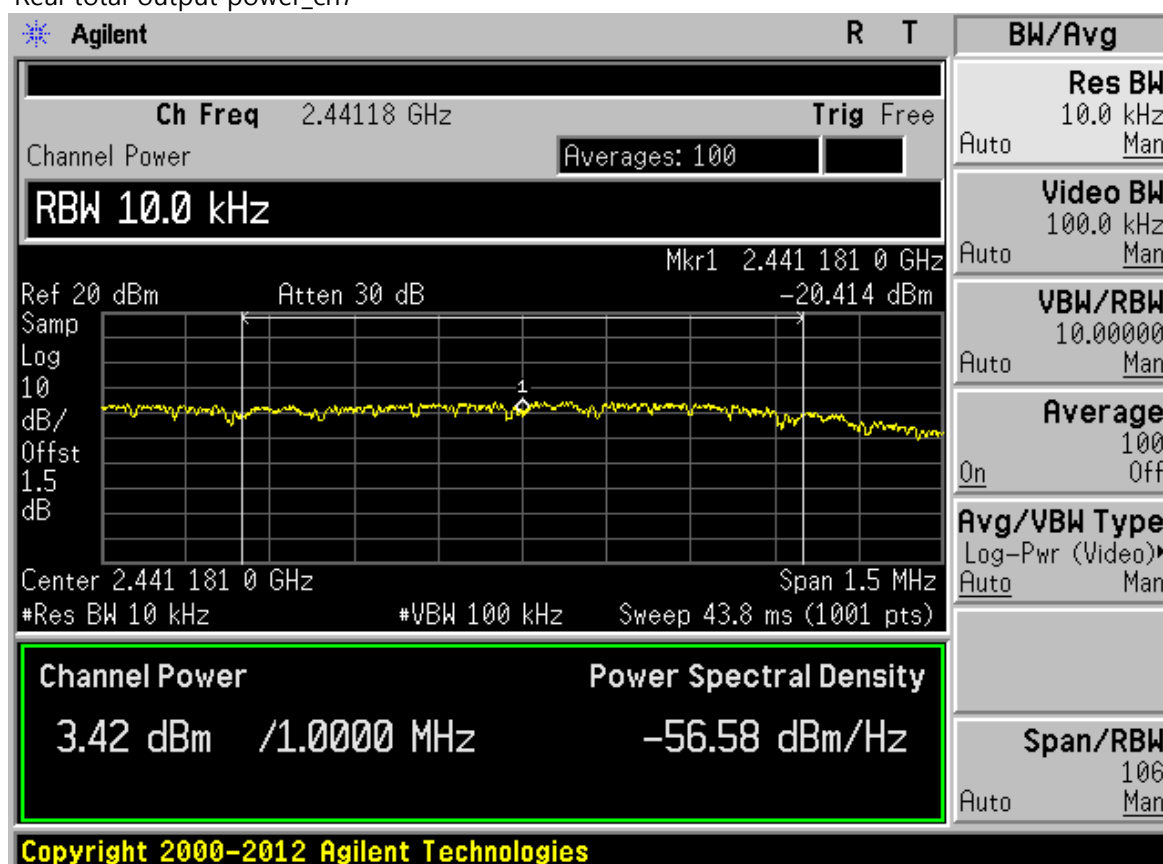
RX spurious_1GHz-12.5GHz_ch1



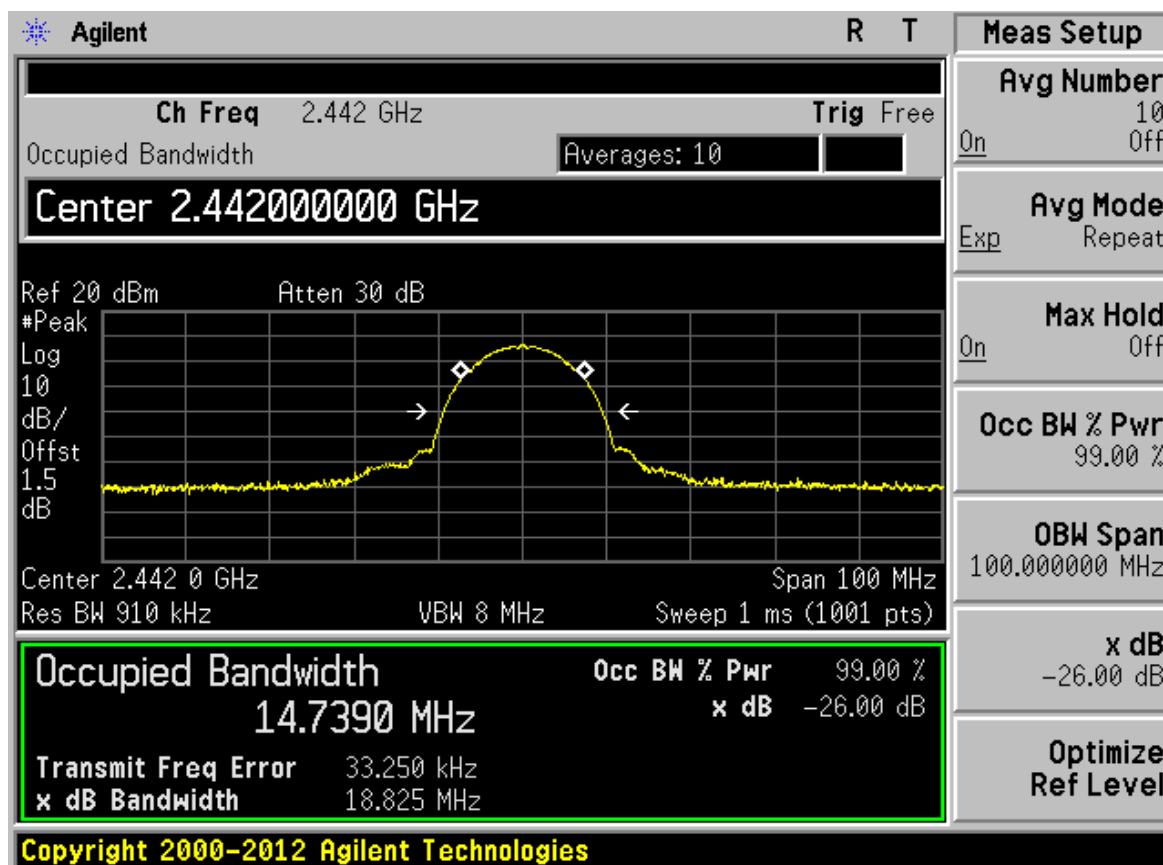
Reading frequency_ch1



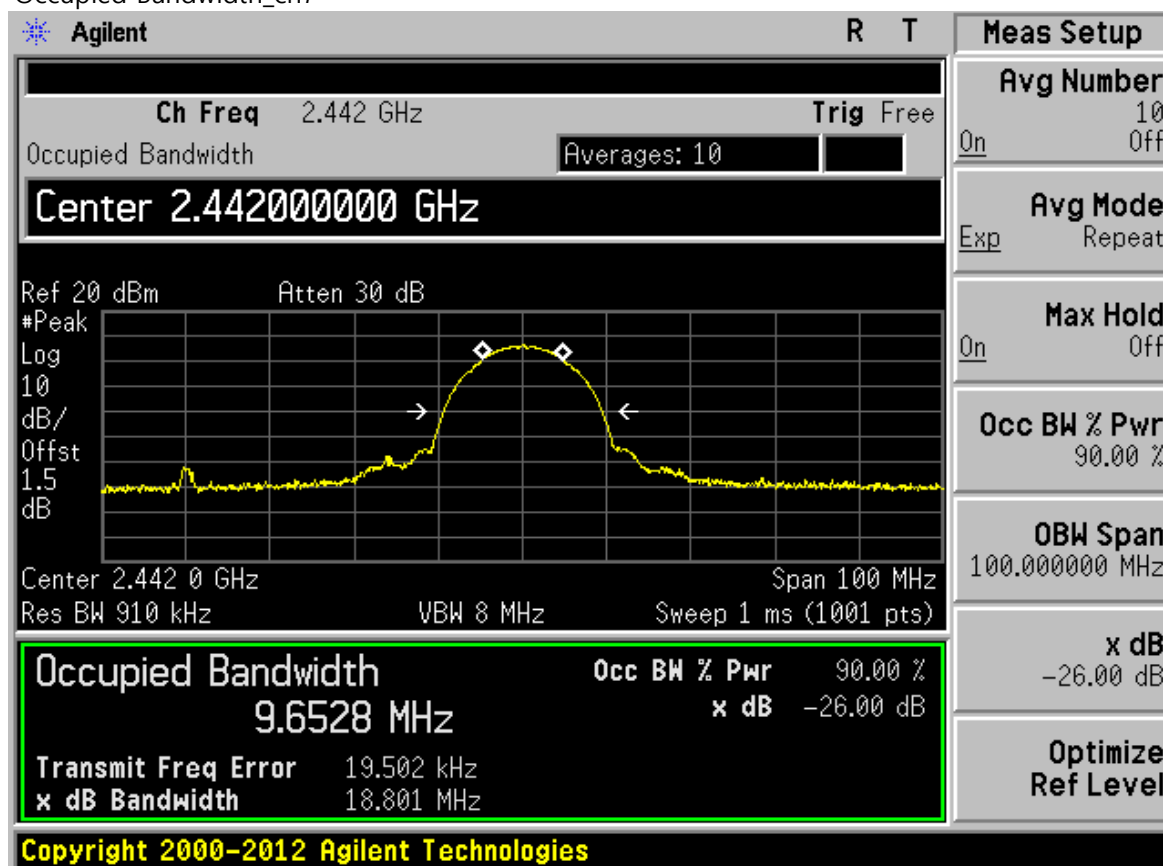
Real total output power_ch7



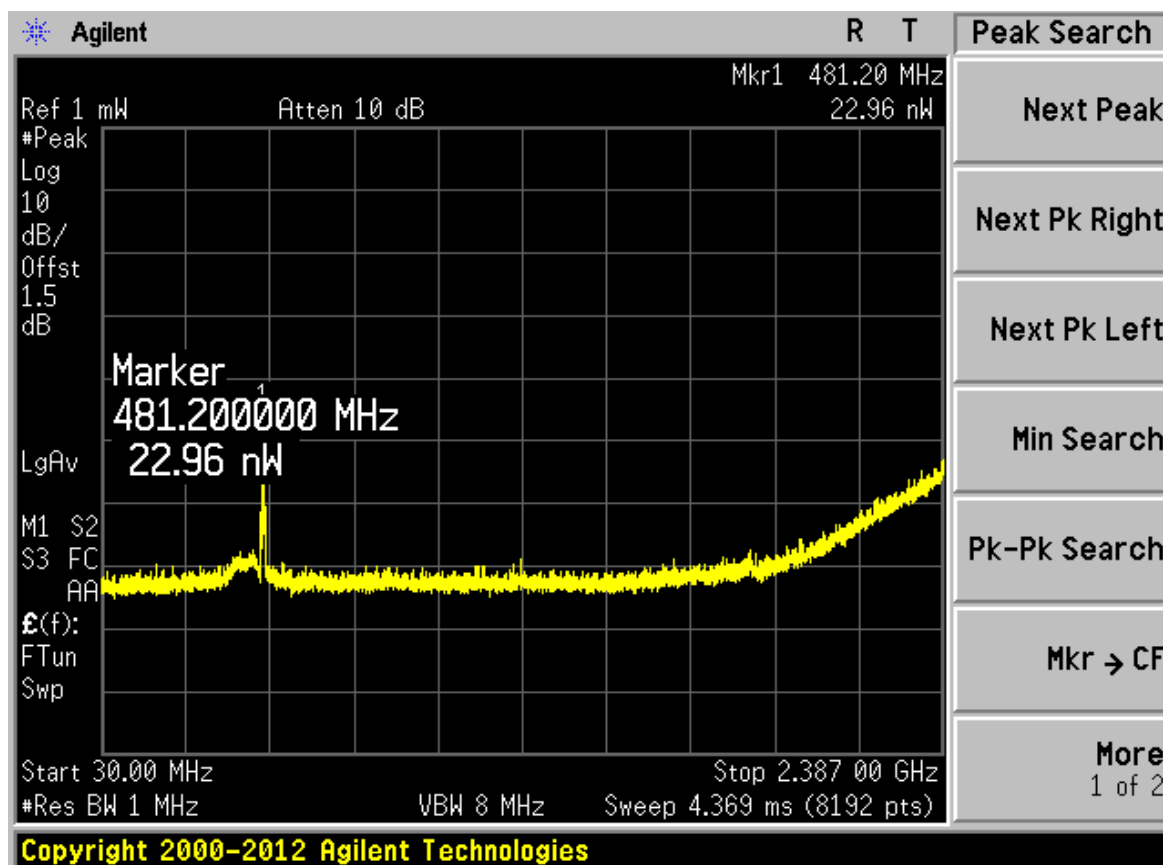
RF output power_ch7



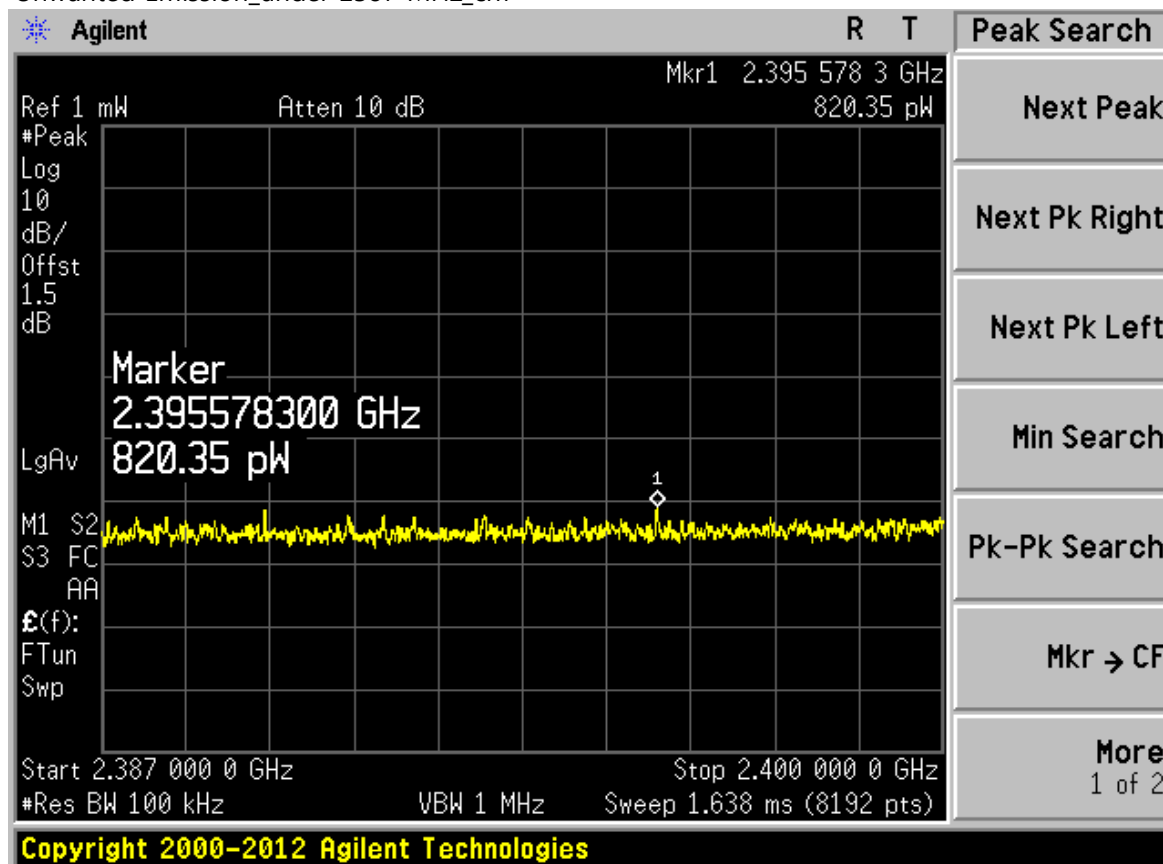
Occupied Bandwidth_ch7



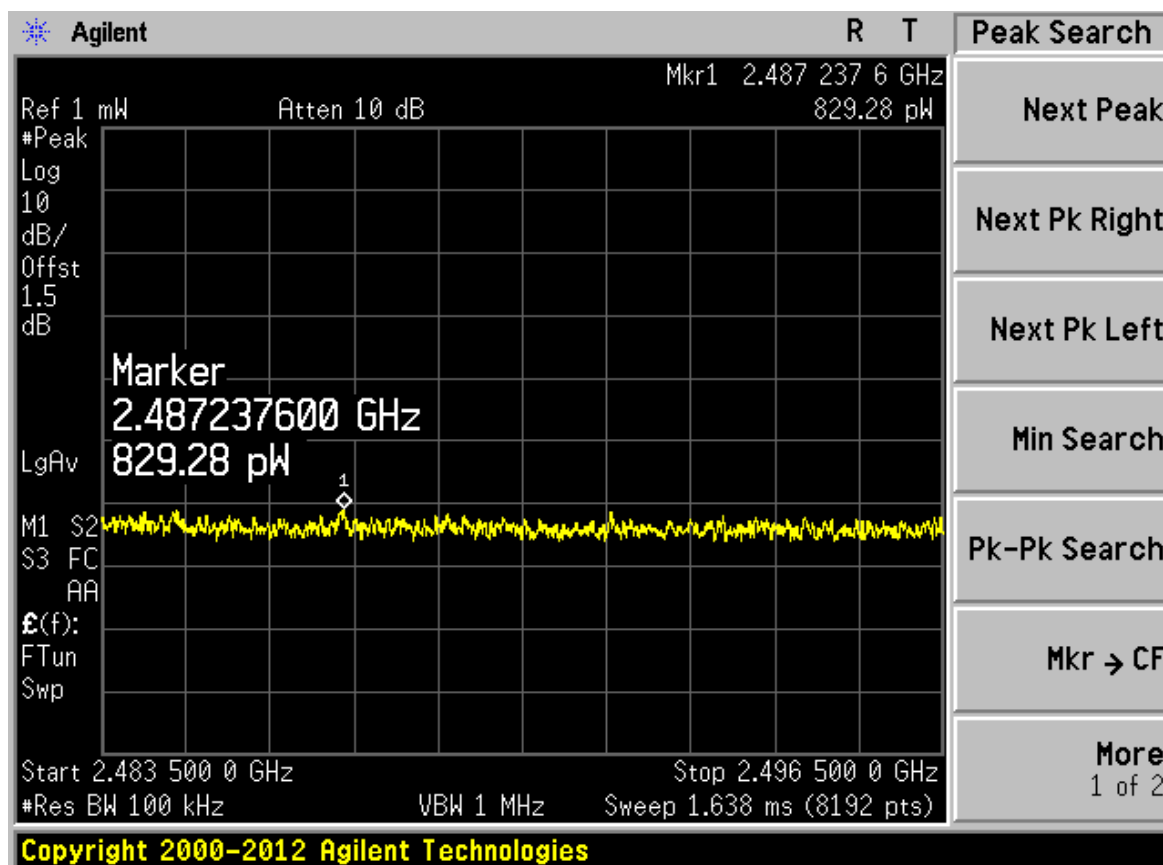
Spread Bandwidth_ch7



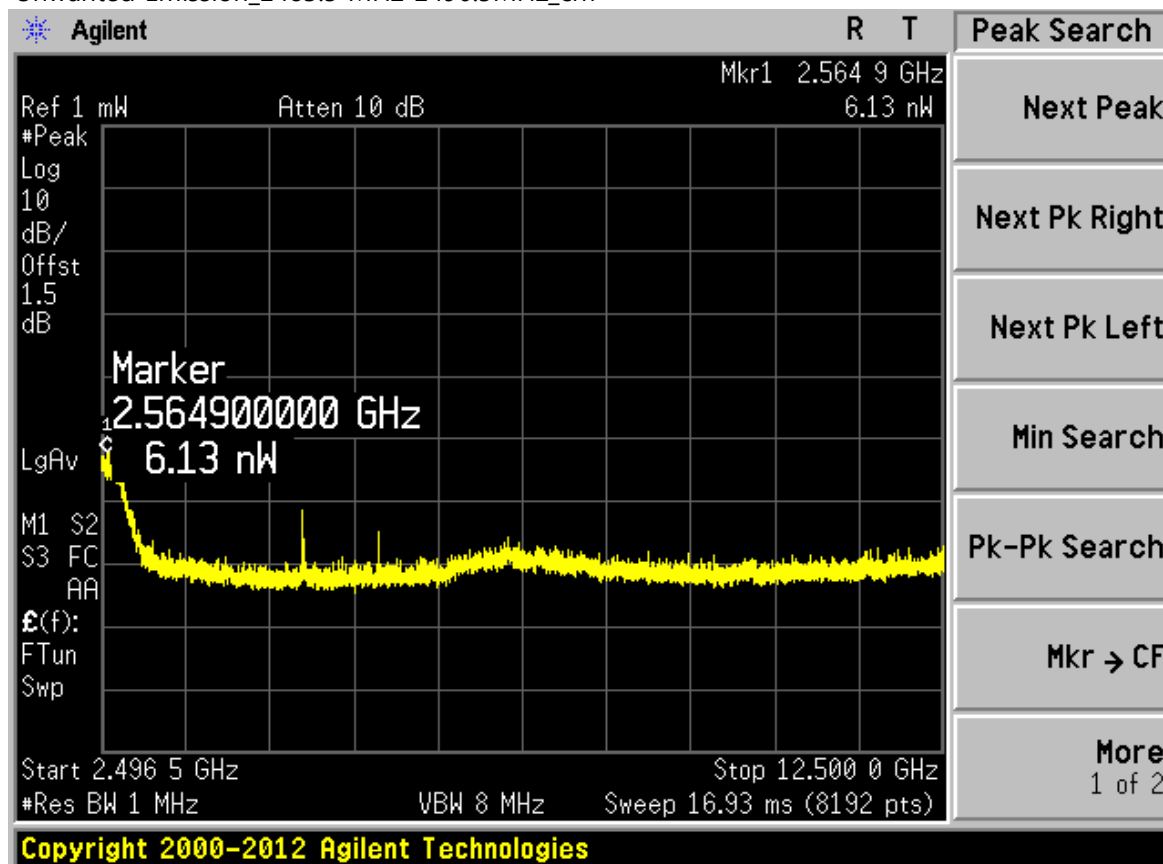
Unwanted Emission_under 2387 MHz_ch7



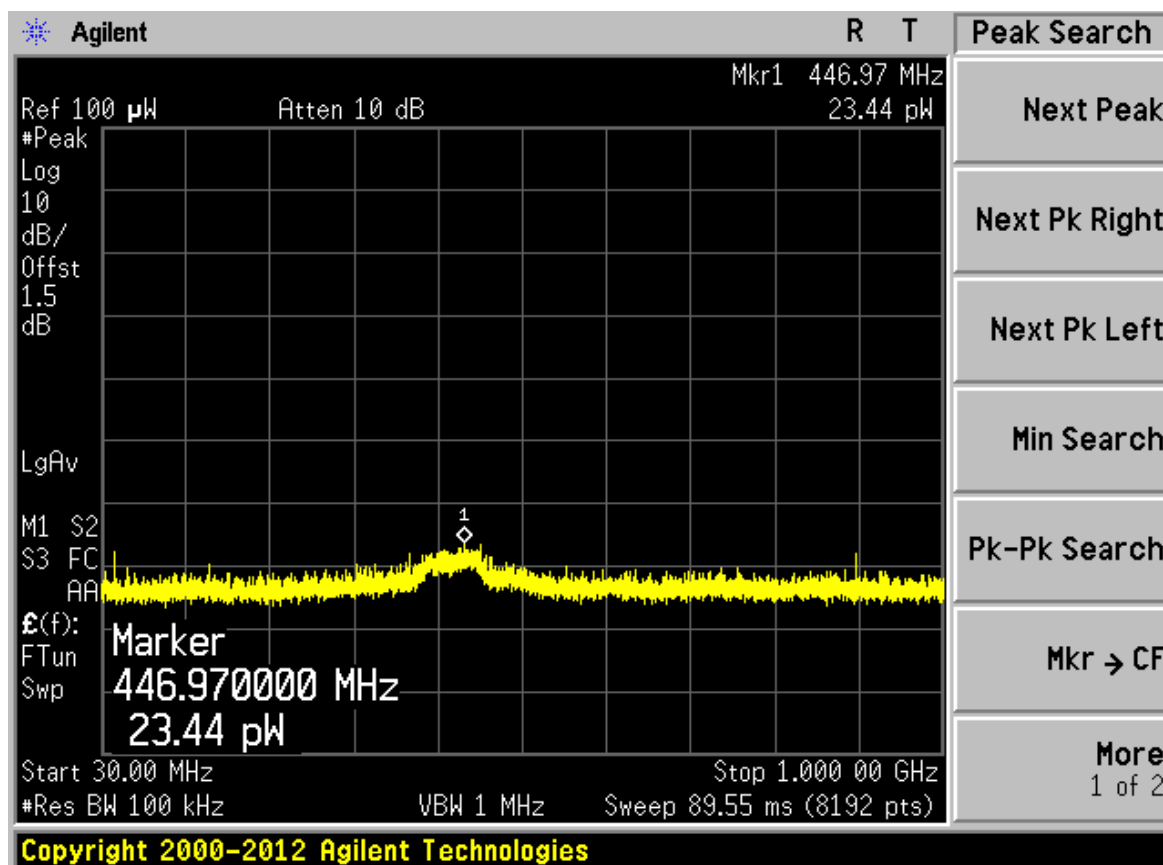
Unwanted Emission_2387 MHz-2400MHz_ch7



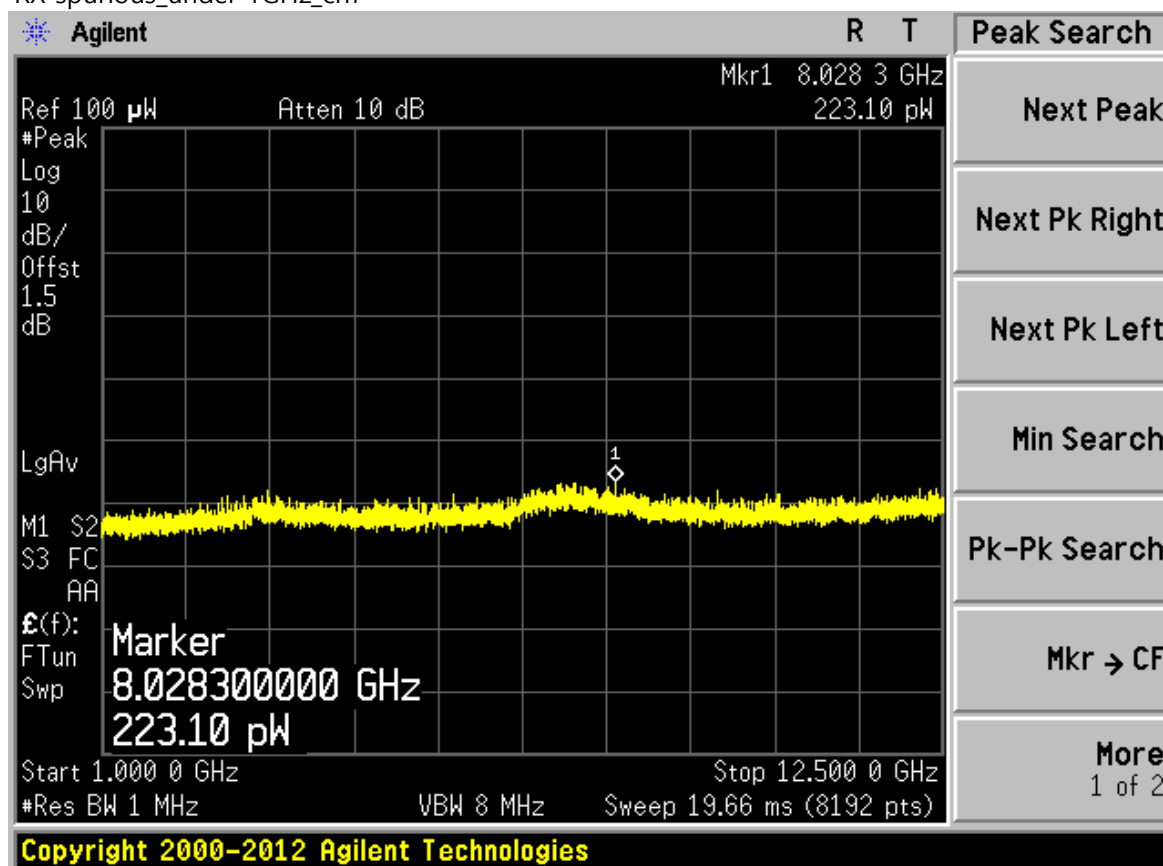
Unwanted Emission_2483.5 MHz-2496.5MHz_ch7



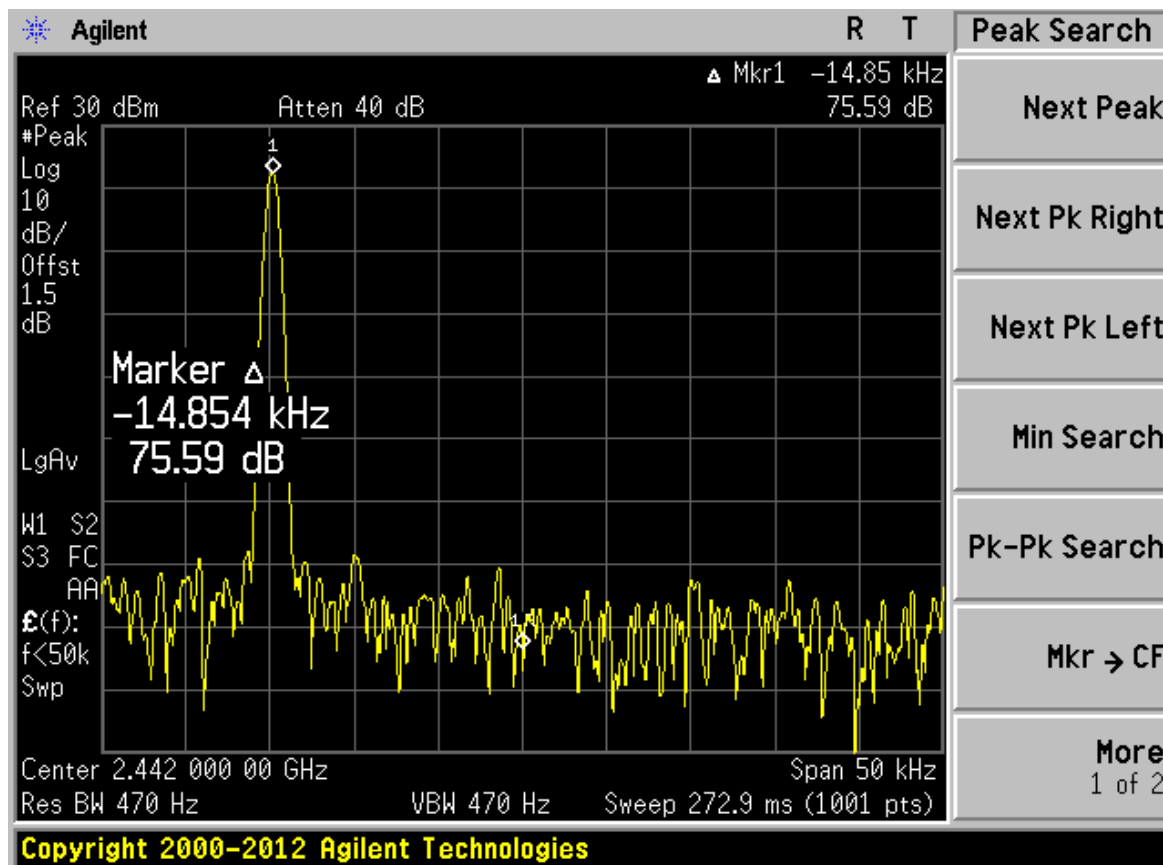
Unwanted Emission_2496.5MHz-12.5GHz_ch7



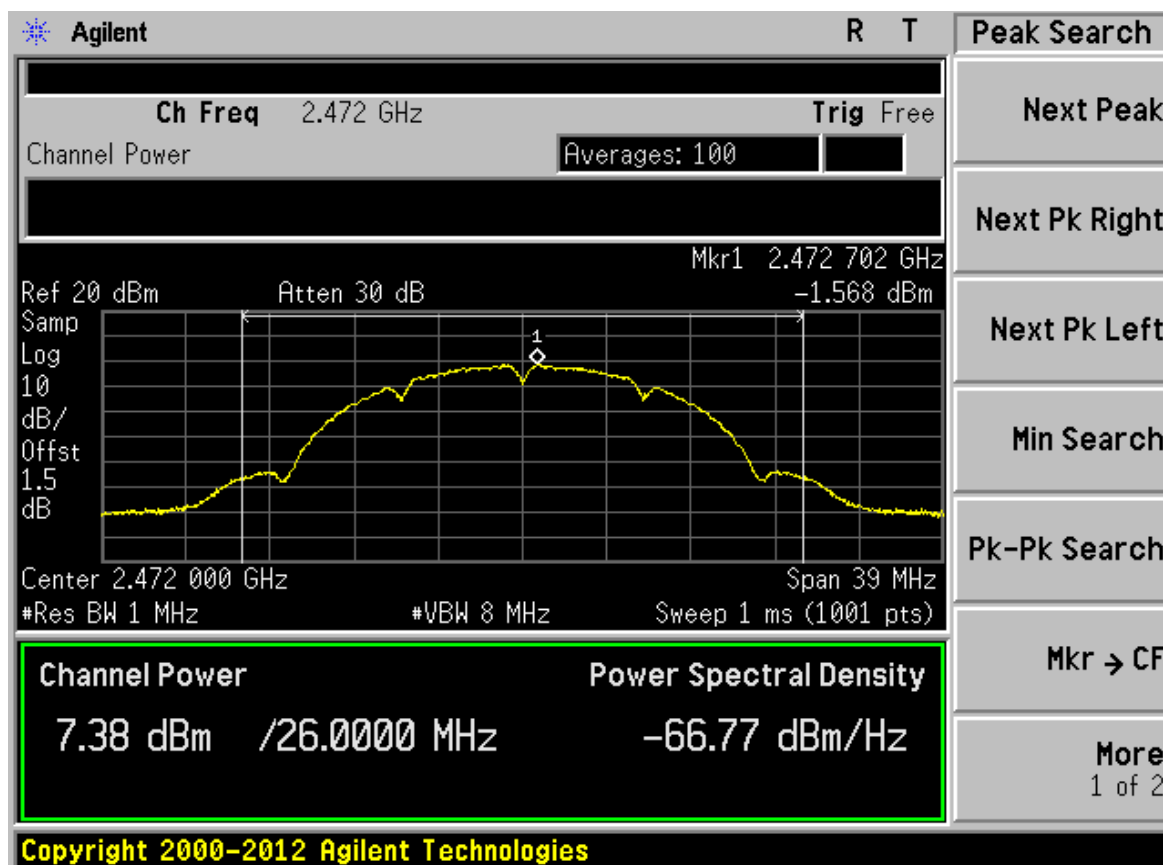
RX spurious_under 1GHz_ch7



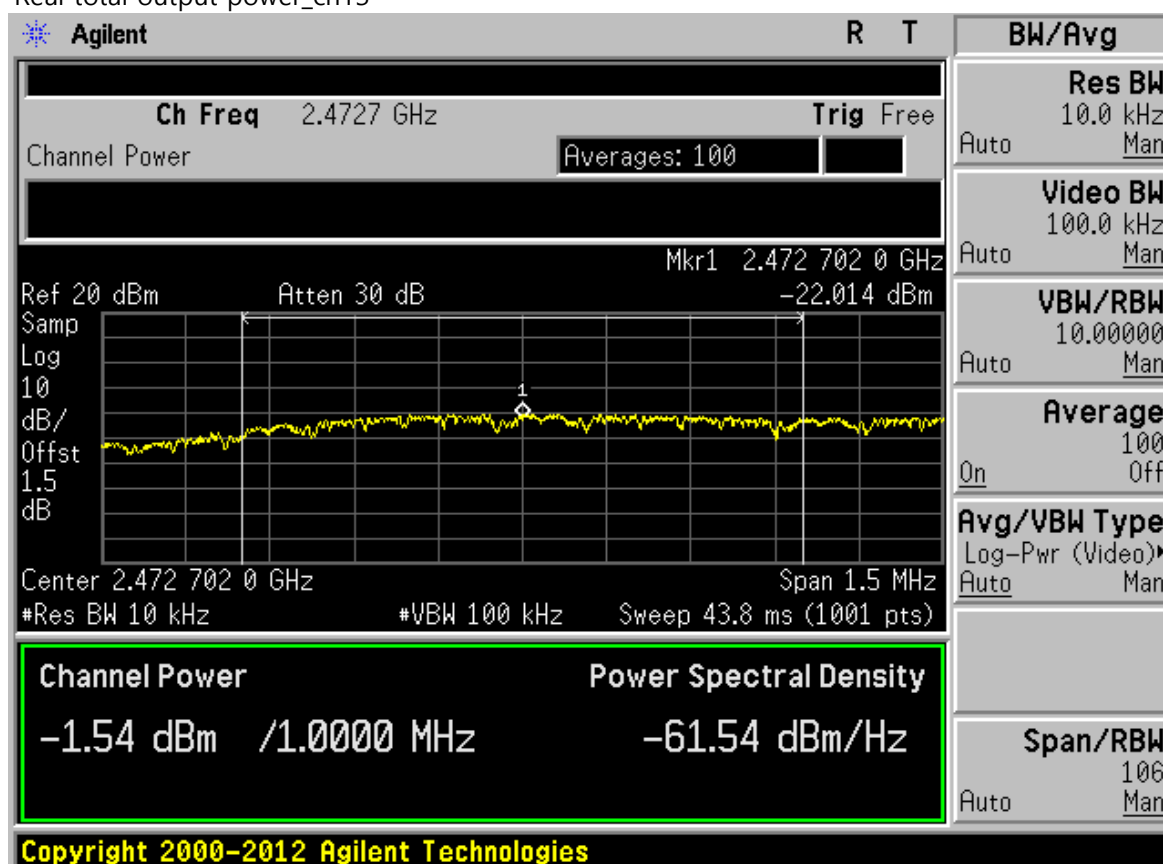
RX spurious_1GHz-12.5GHz_ch7



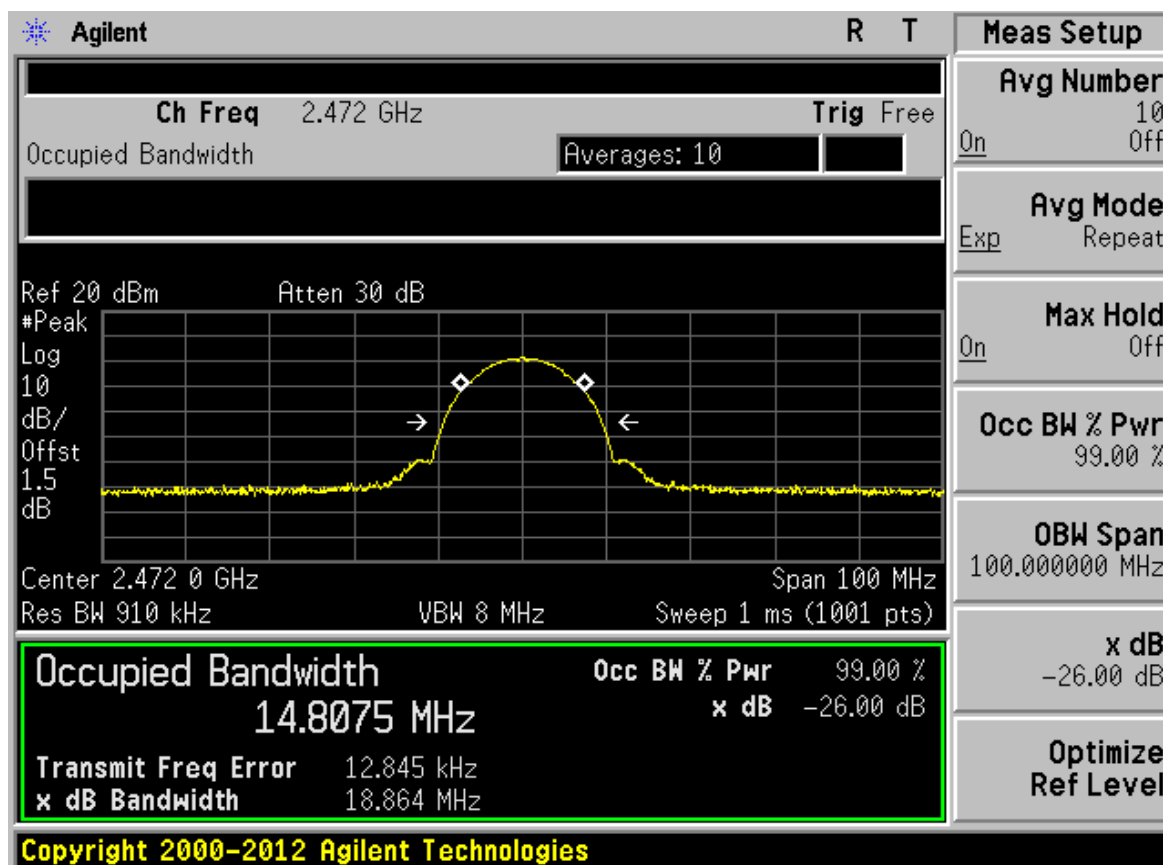
Reading frequency_ch7



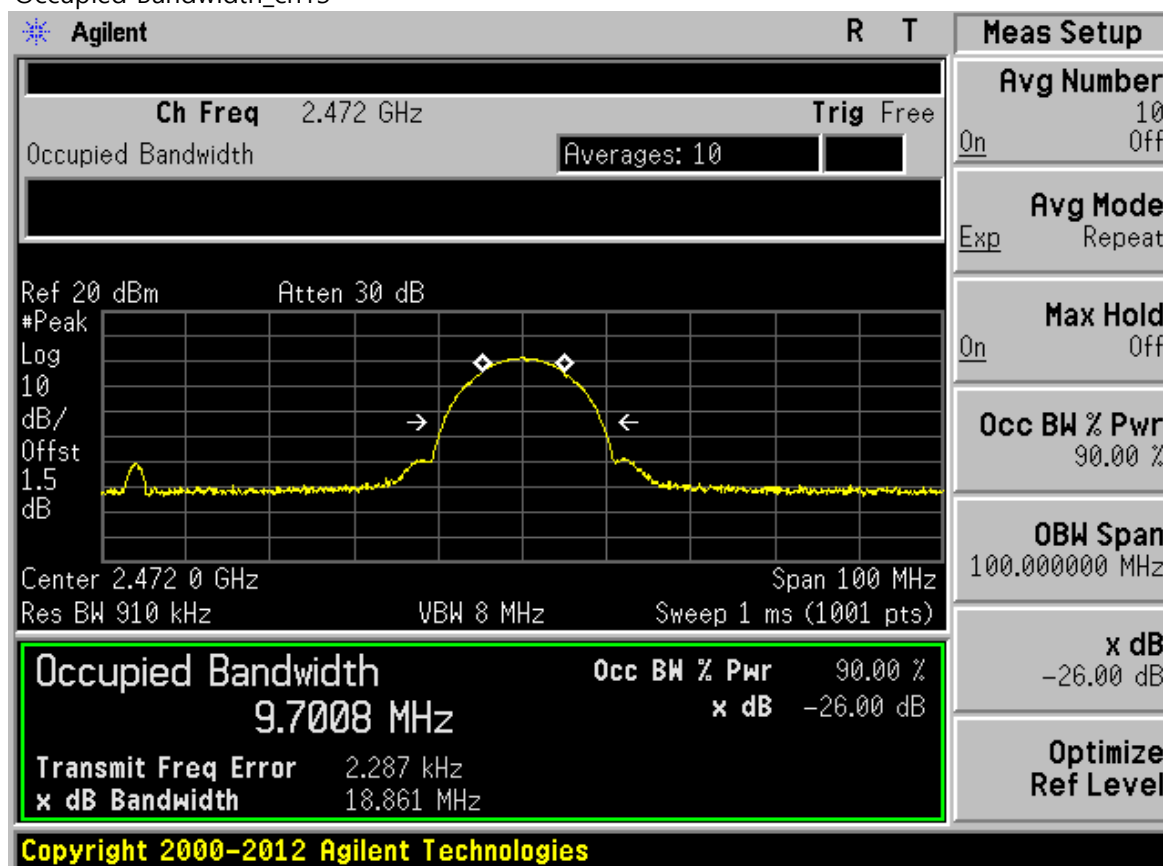
Real total output power_ch13



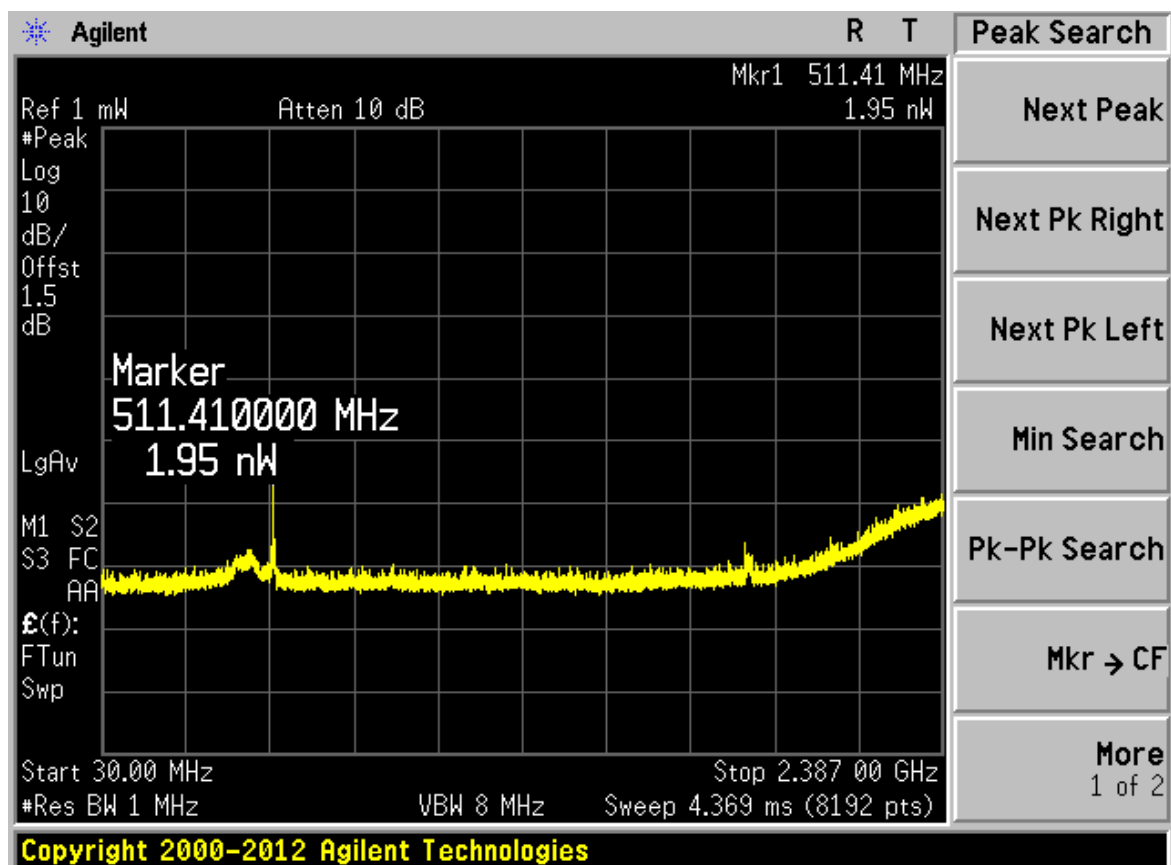
RF output power_ch13



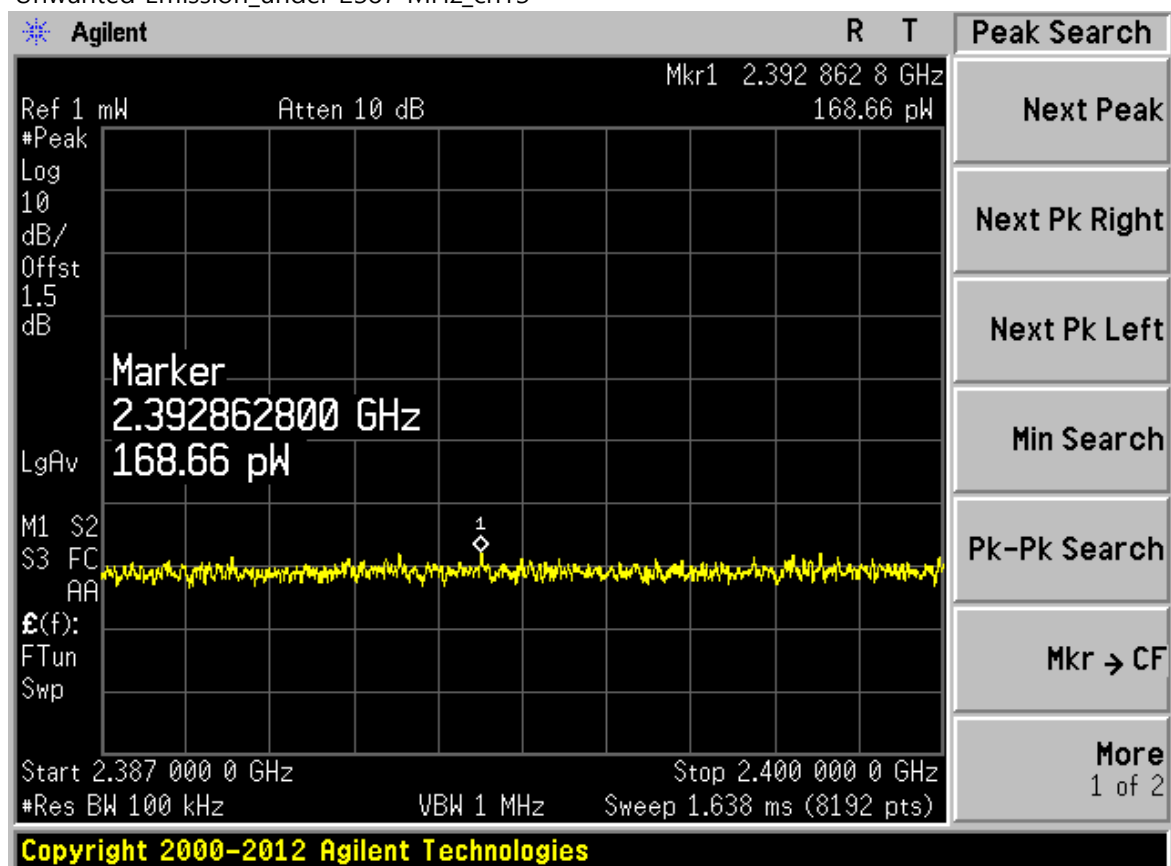
Occupied Bandwidth_ch13



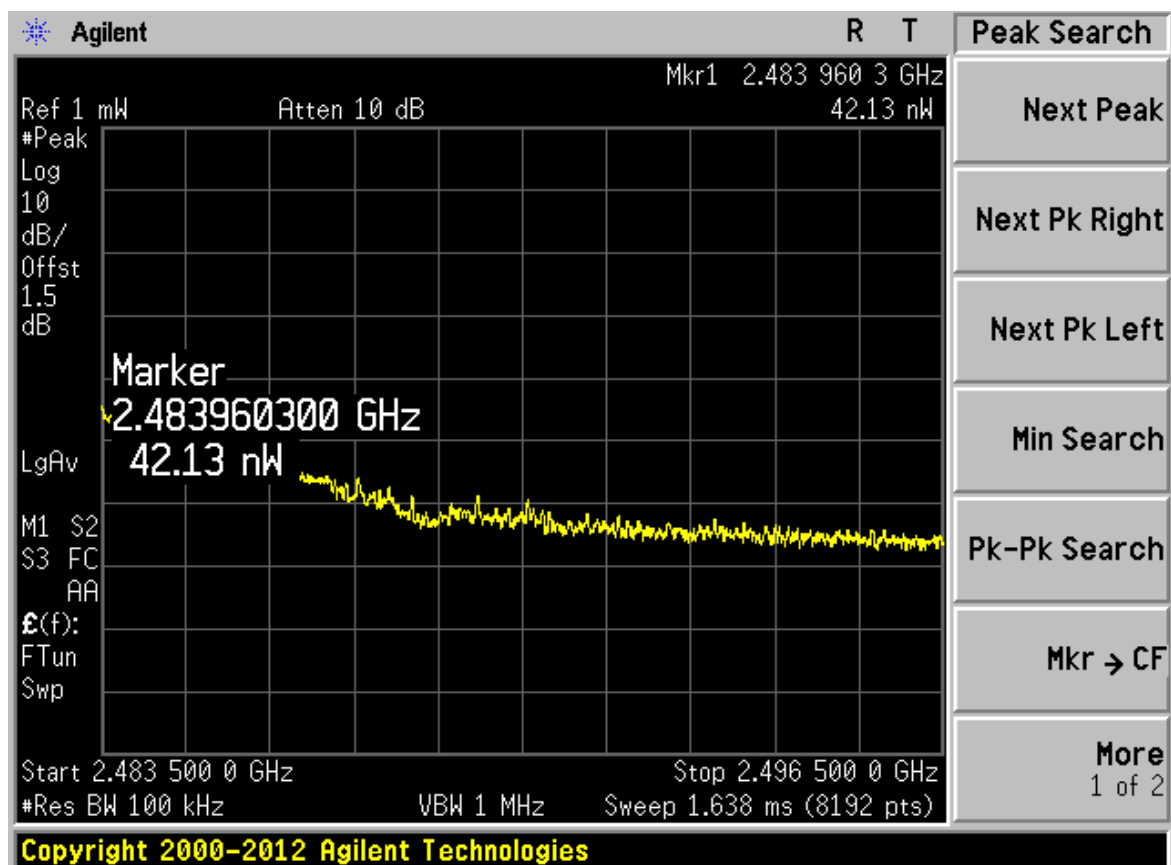
Spread Bandwidth_ch13



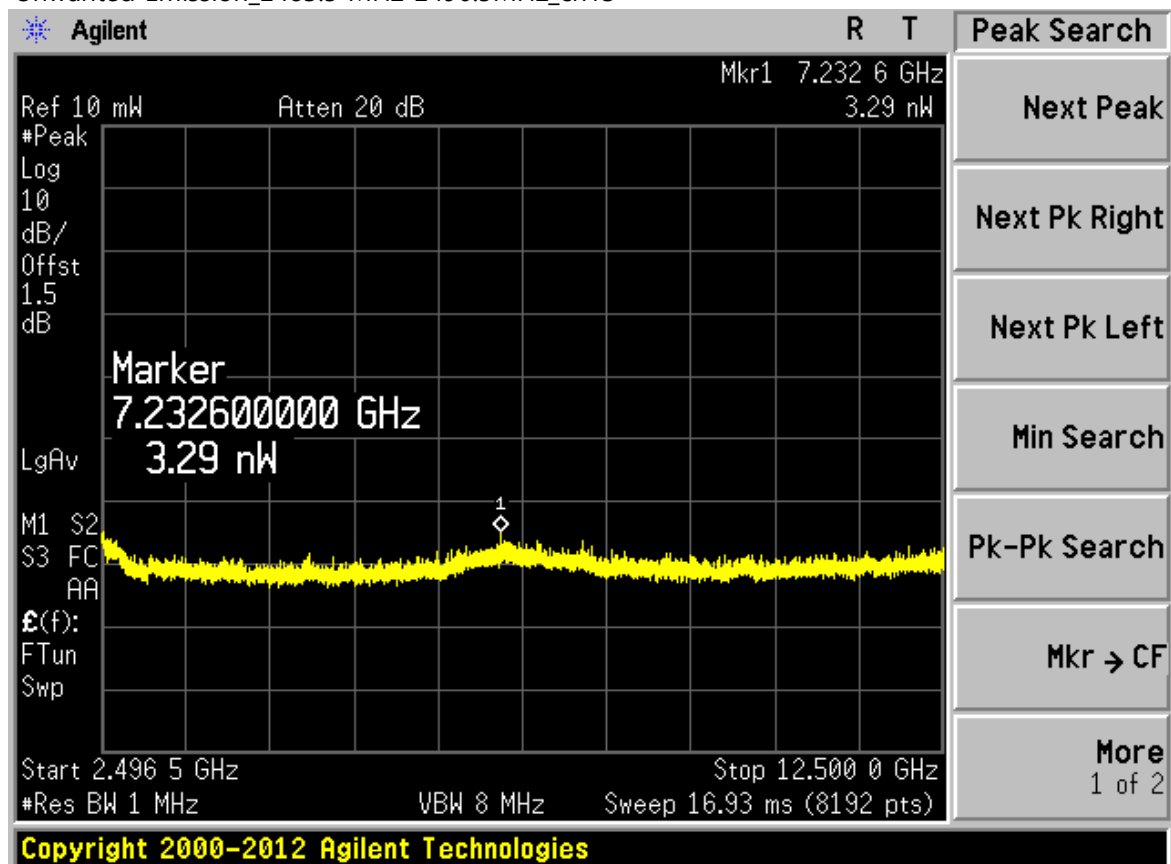
Unwanted Emission_under 2387 MHz_ch13



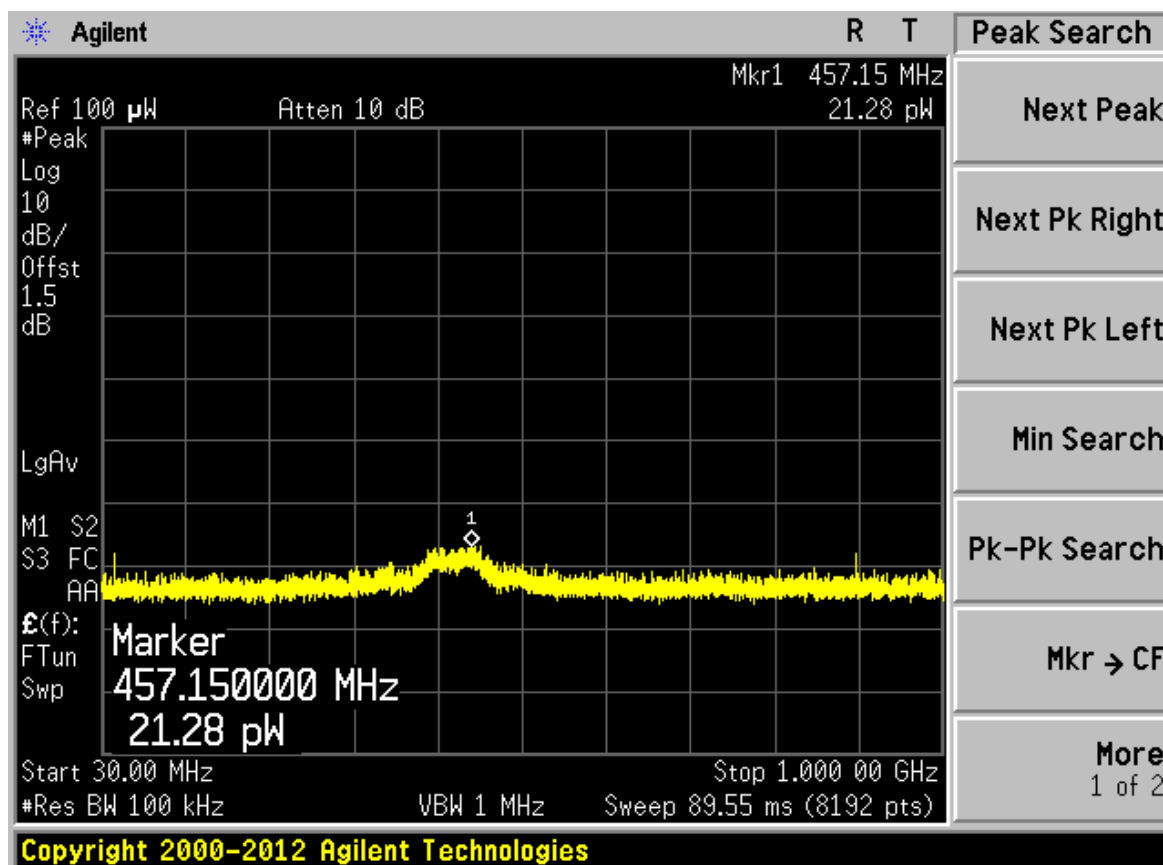
Unwanted Emission_2387 MHz-2400MHz_ch13



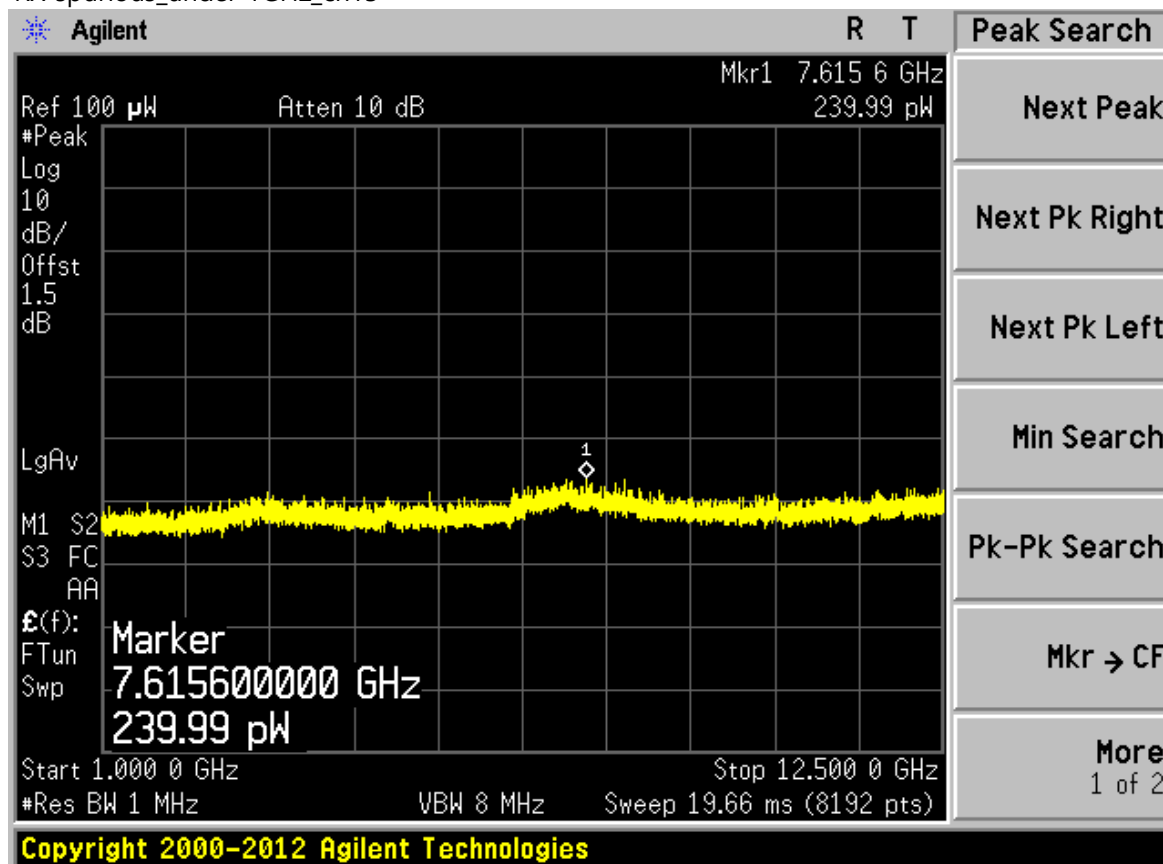
Unwanted Emission_2483.5 MHz-2496.5MHz_ch13



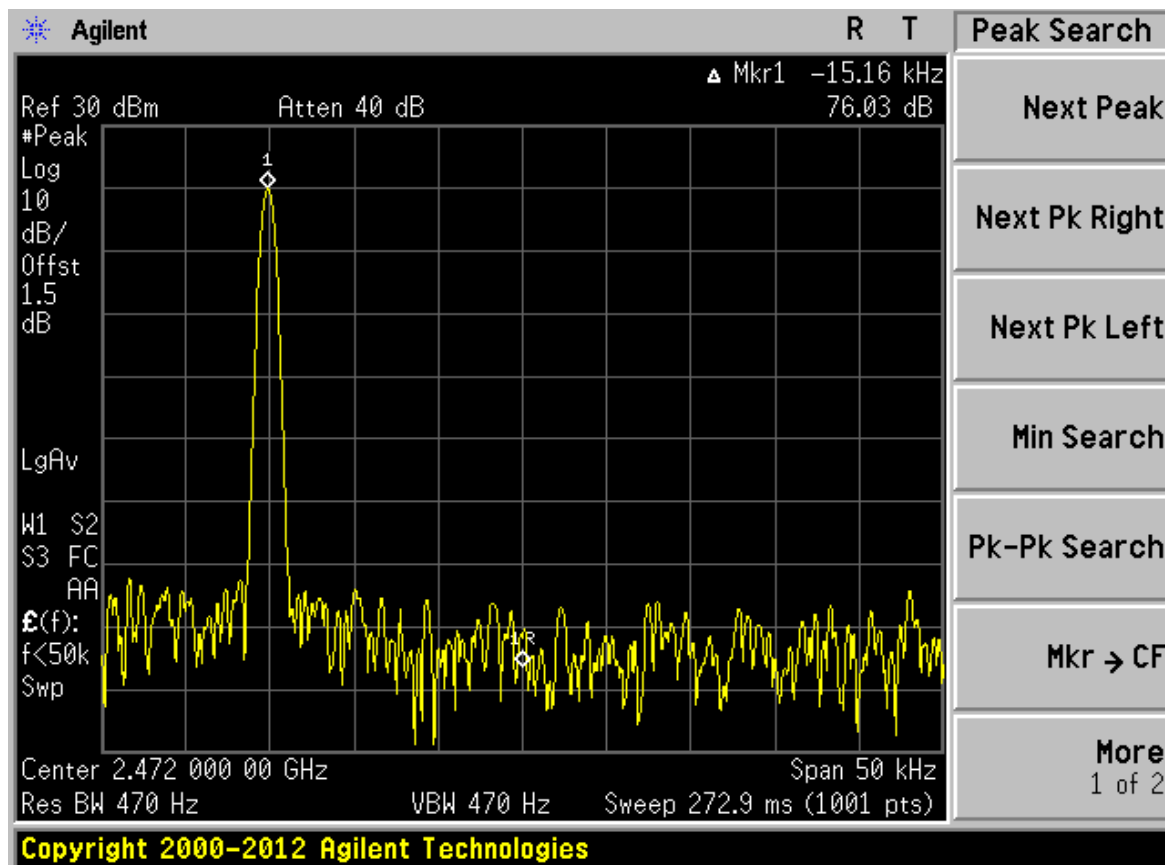
Unwanted Emission_2496.5MHz-12.5GHz_ch13



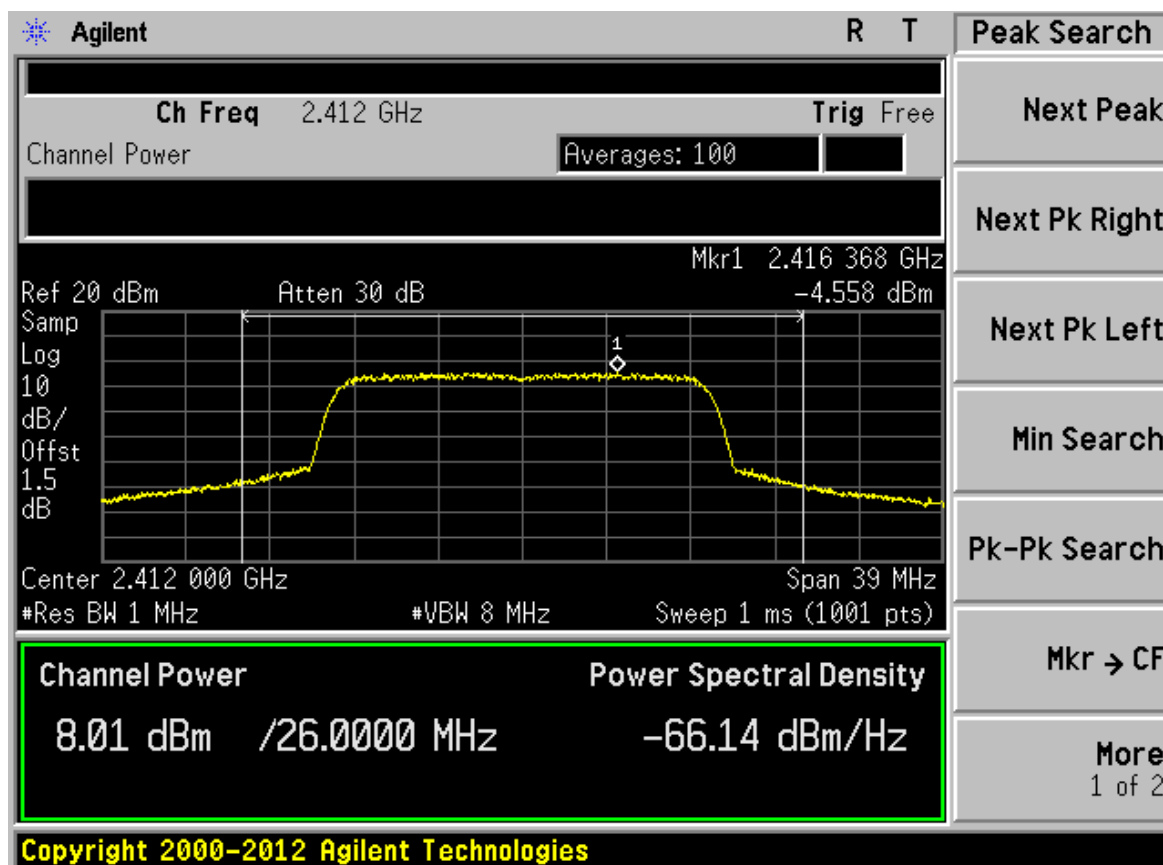
RX spurious_under 1GHz_ch13



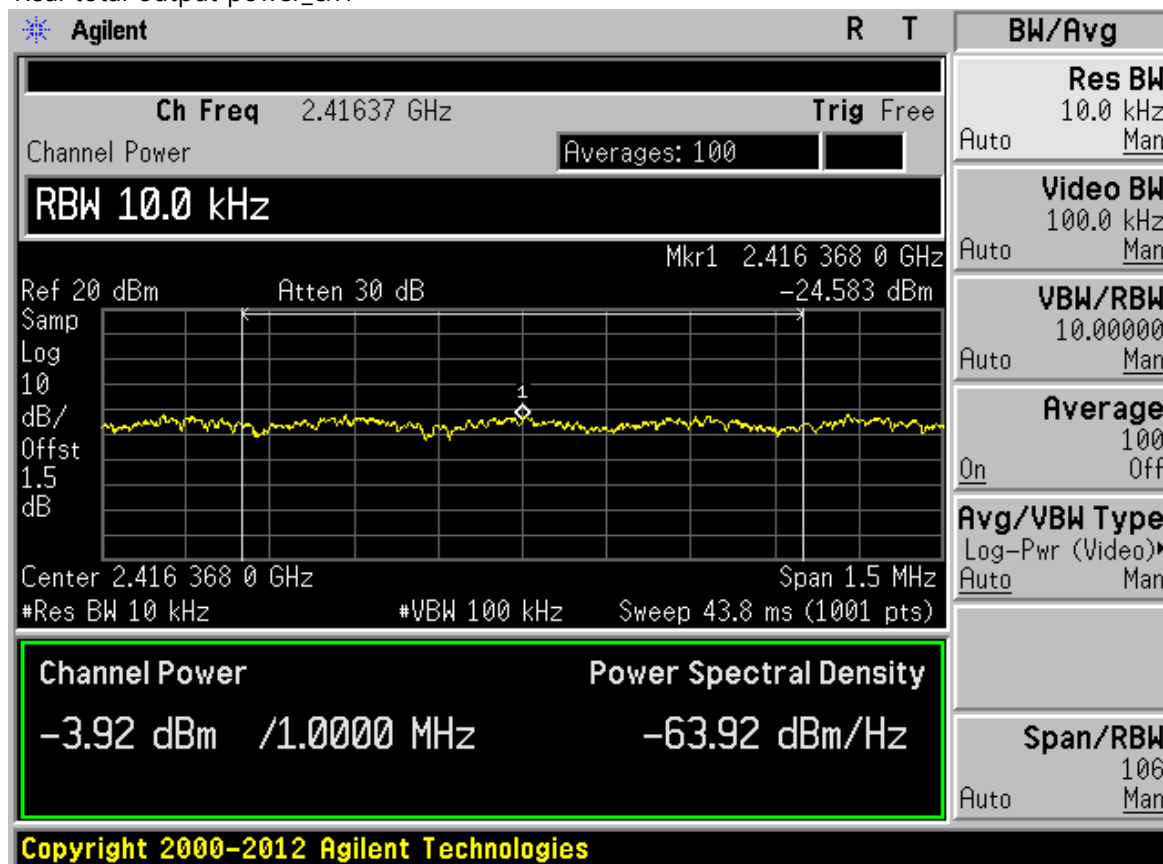
RX spurious_1GHz-12.5GHz_ch13



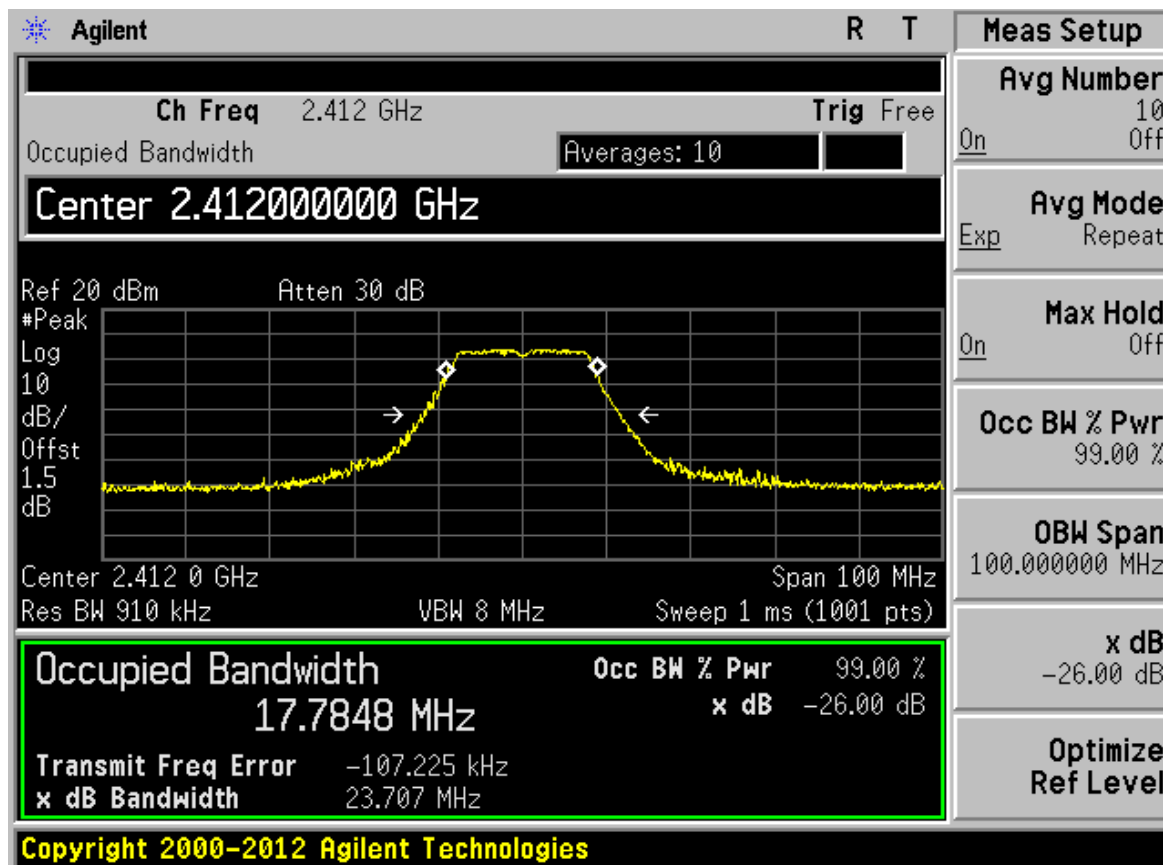
Reading frequency_ch13



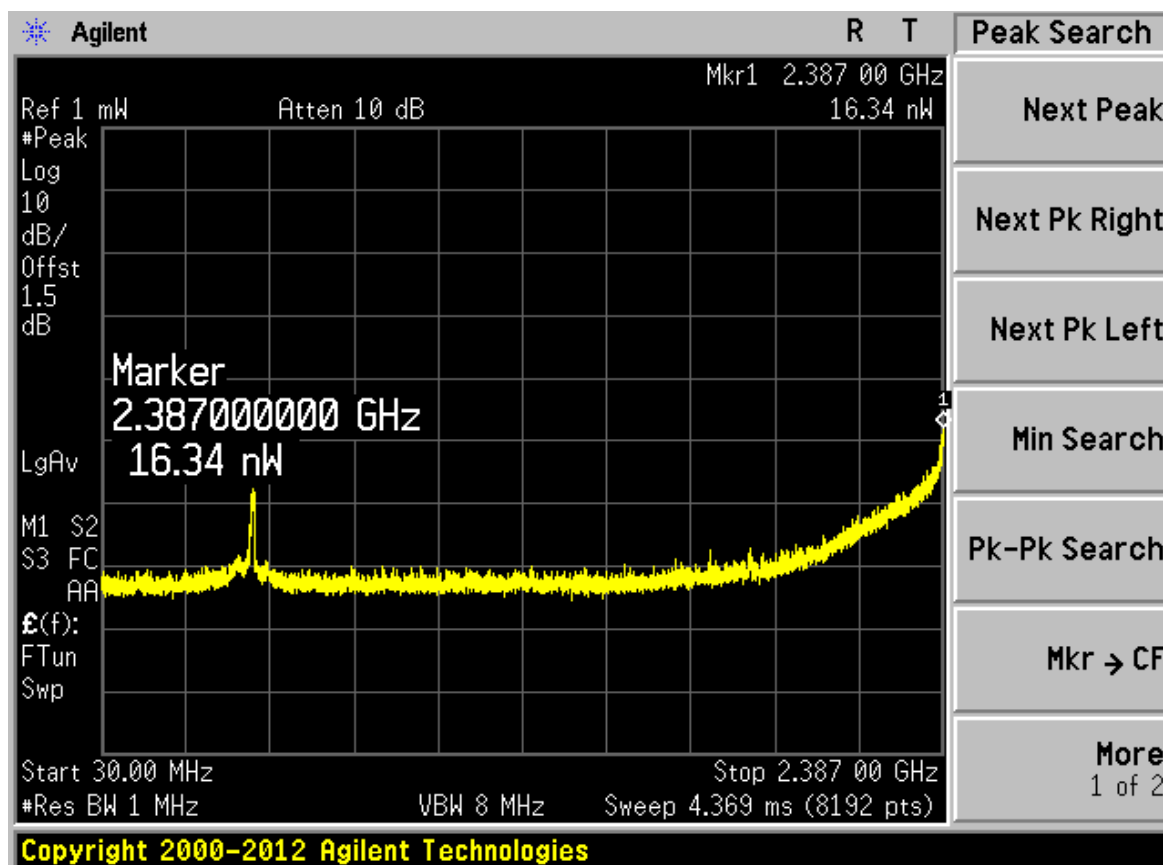
Real total output power_ch1



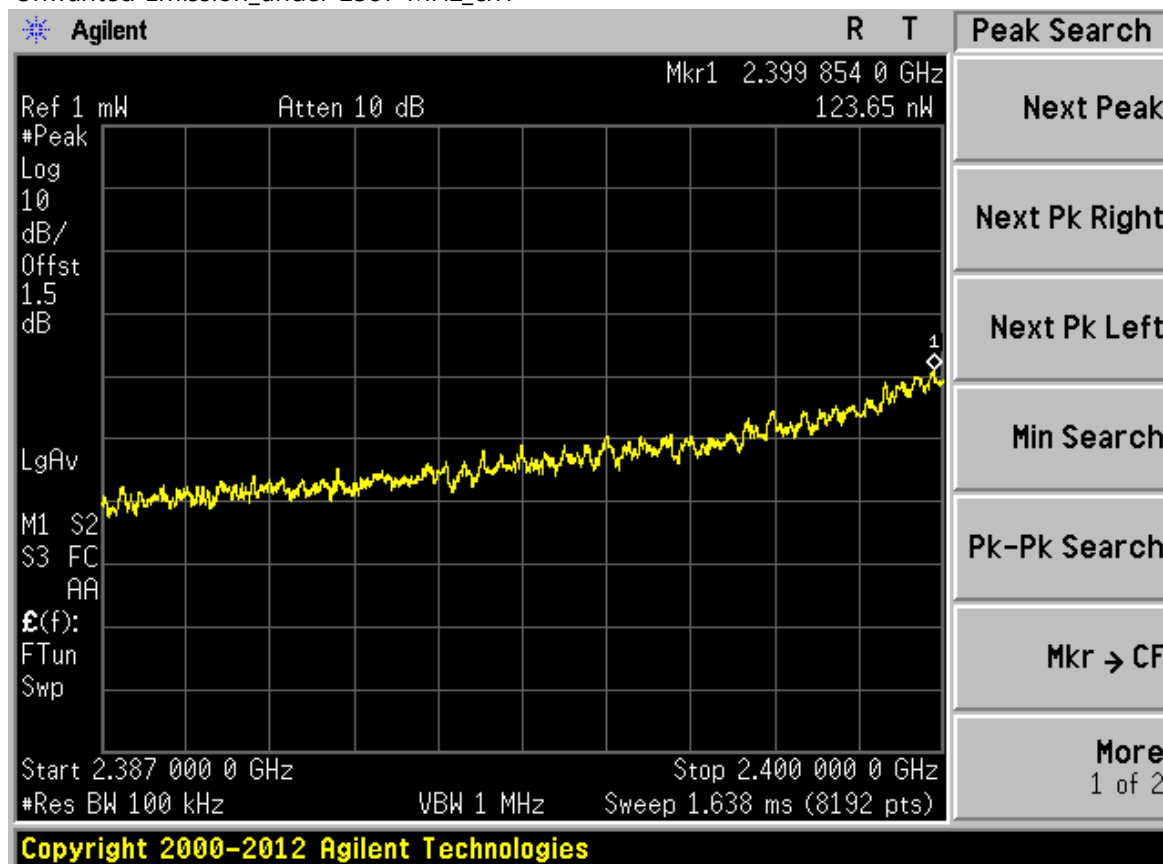
RF output power_ch1



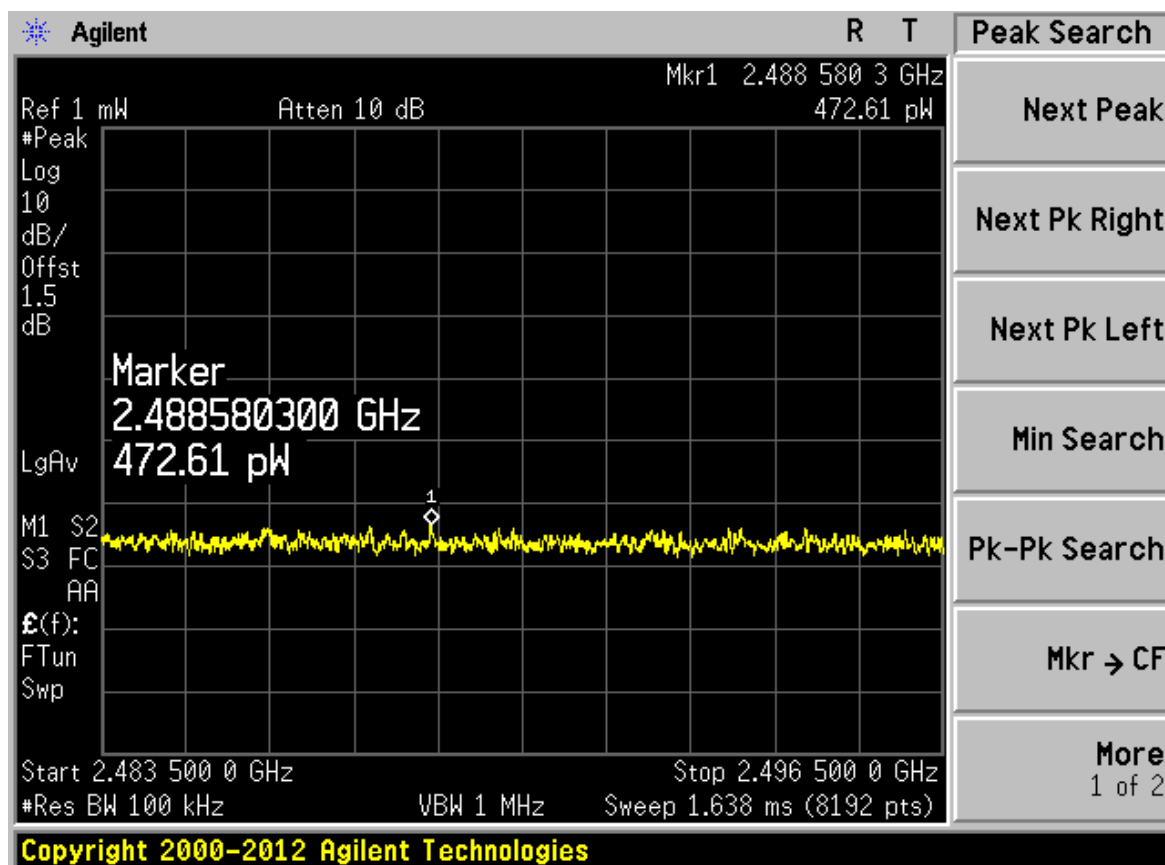
Occupied Bandwidth_ch1



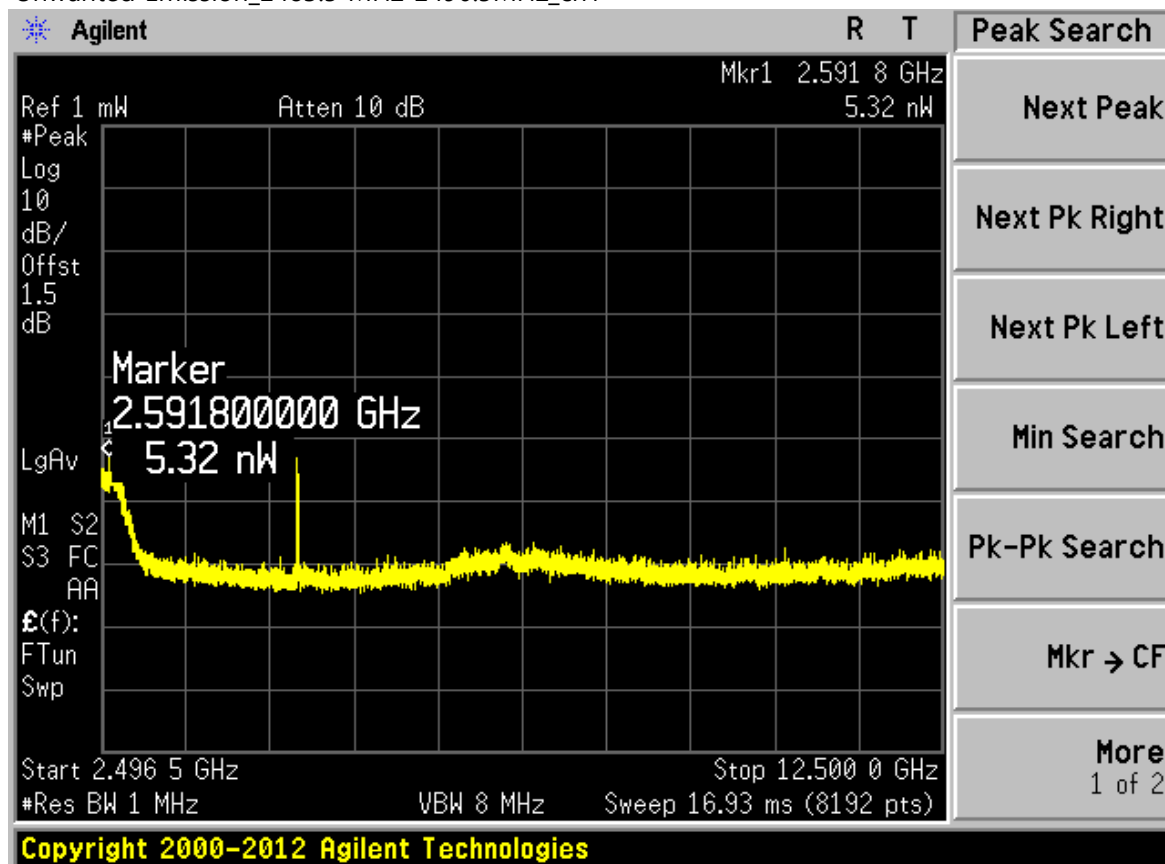
Unwanted Emission_under 2387 MHz_ch1



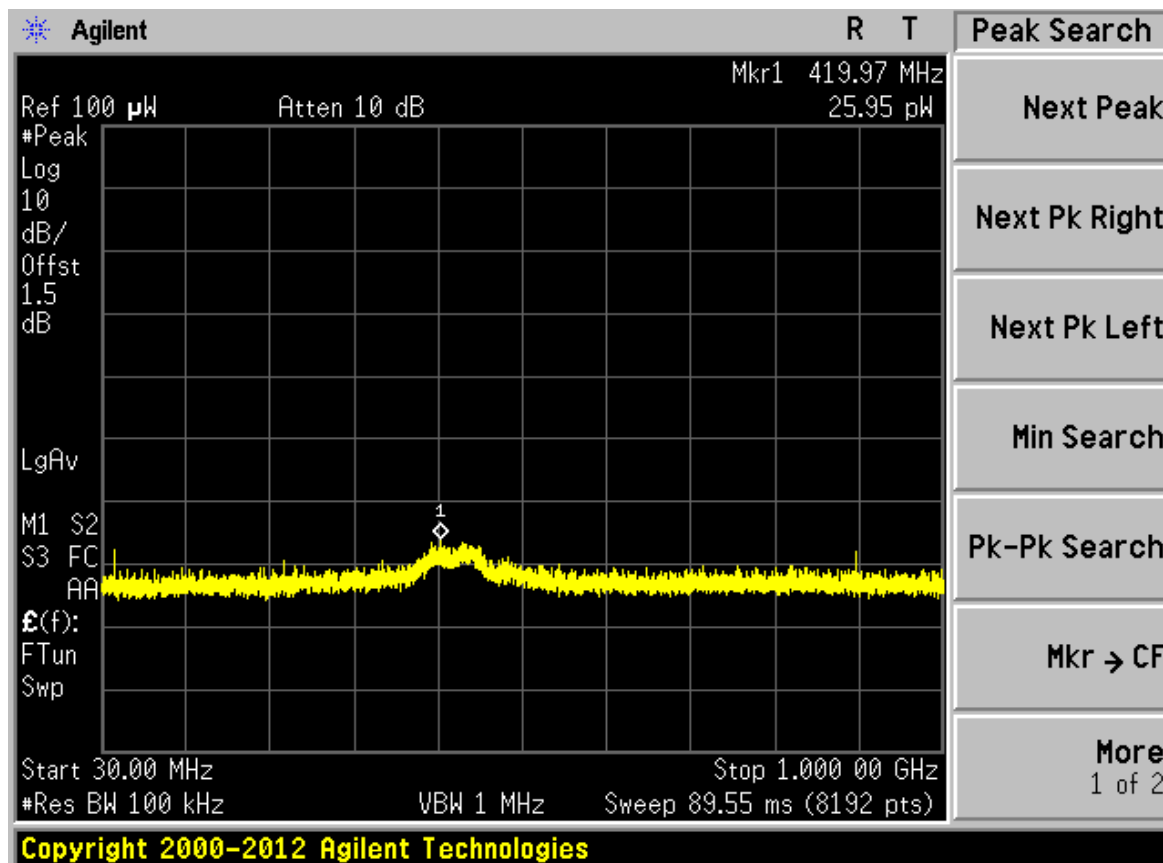
Unwanted Emission_2387 MHz-2400MHz_ch1



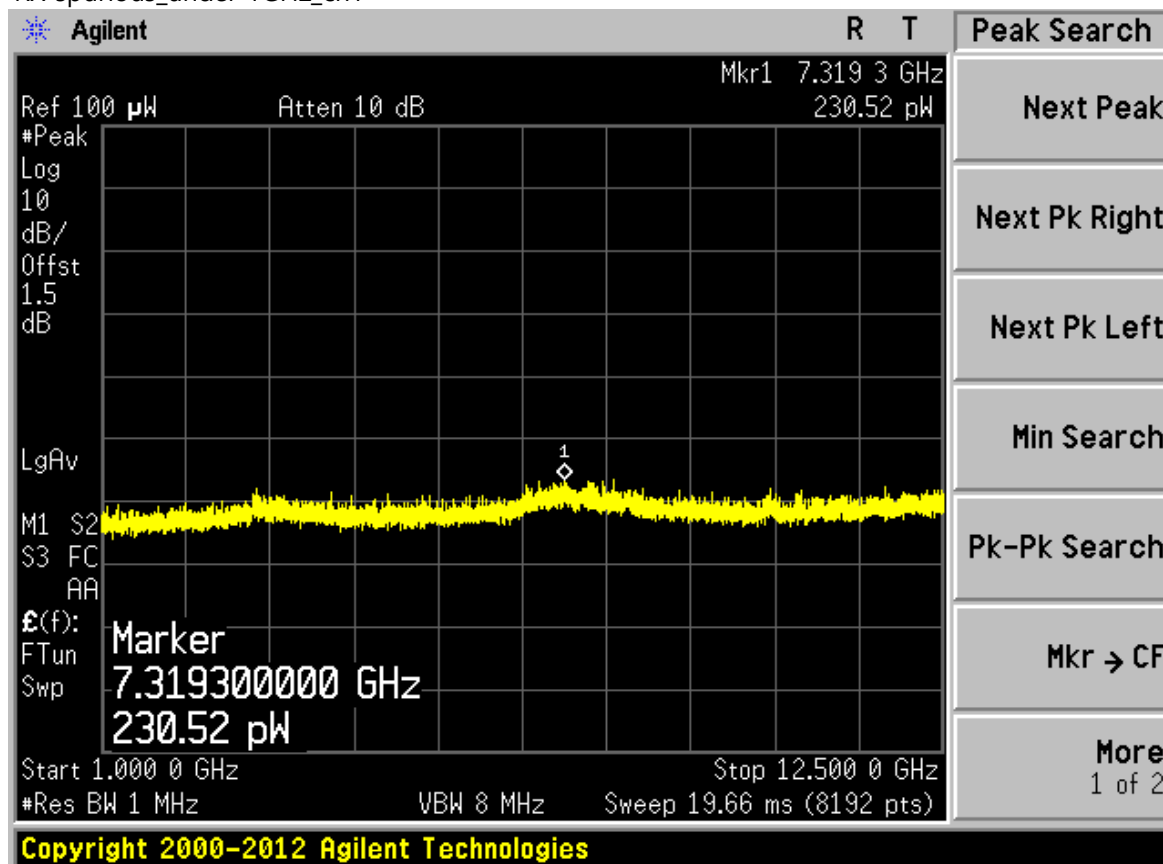
Unwanted Emission_2483.5 MHz-2496.5MHz_ch1



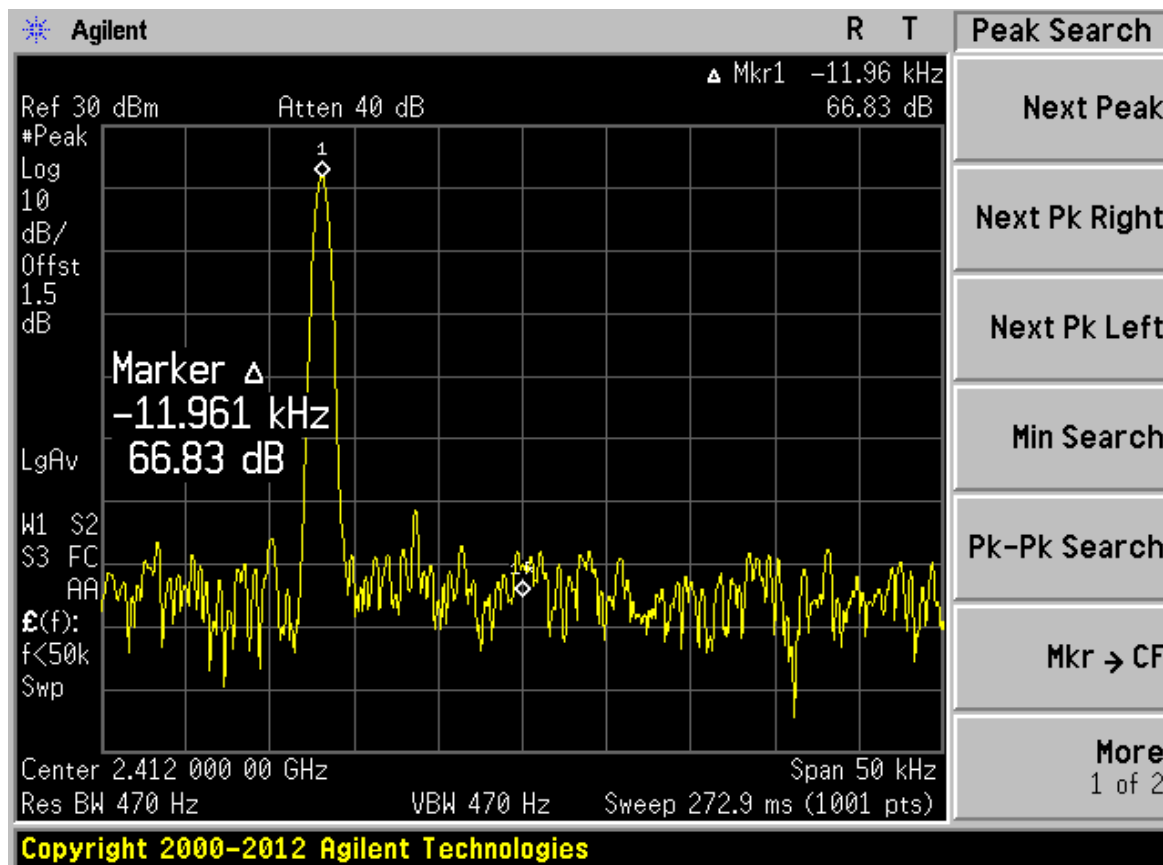
Unwanted Emission_2496.5MHz-12.5GHz_ch1



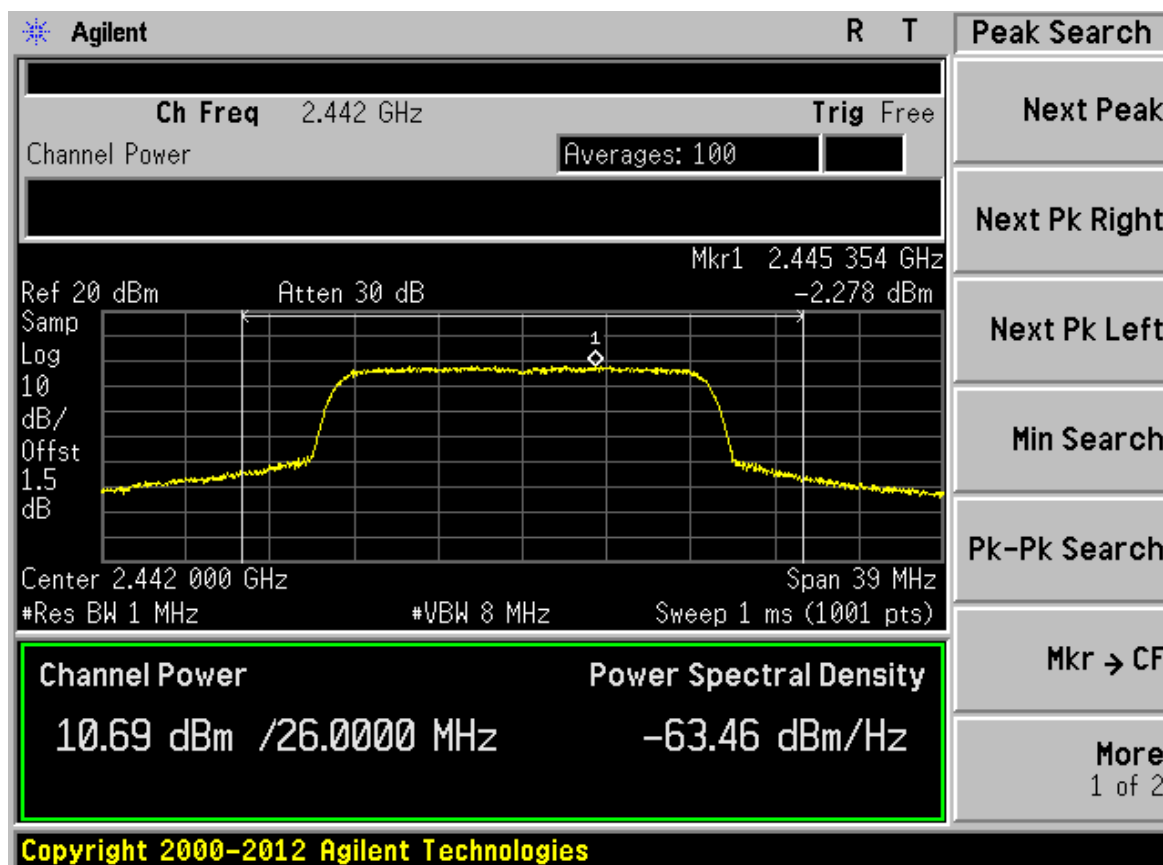
RX spurious_under 1GHz_ch1



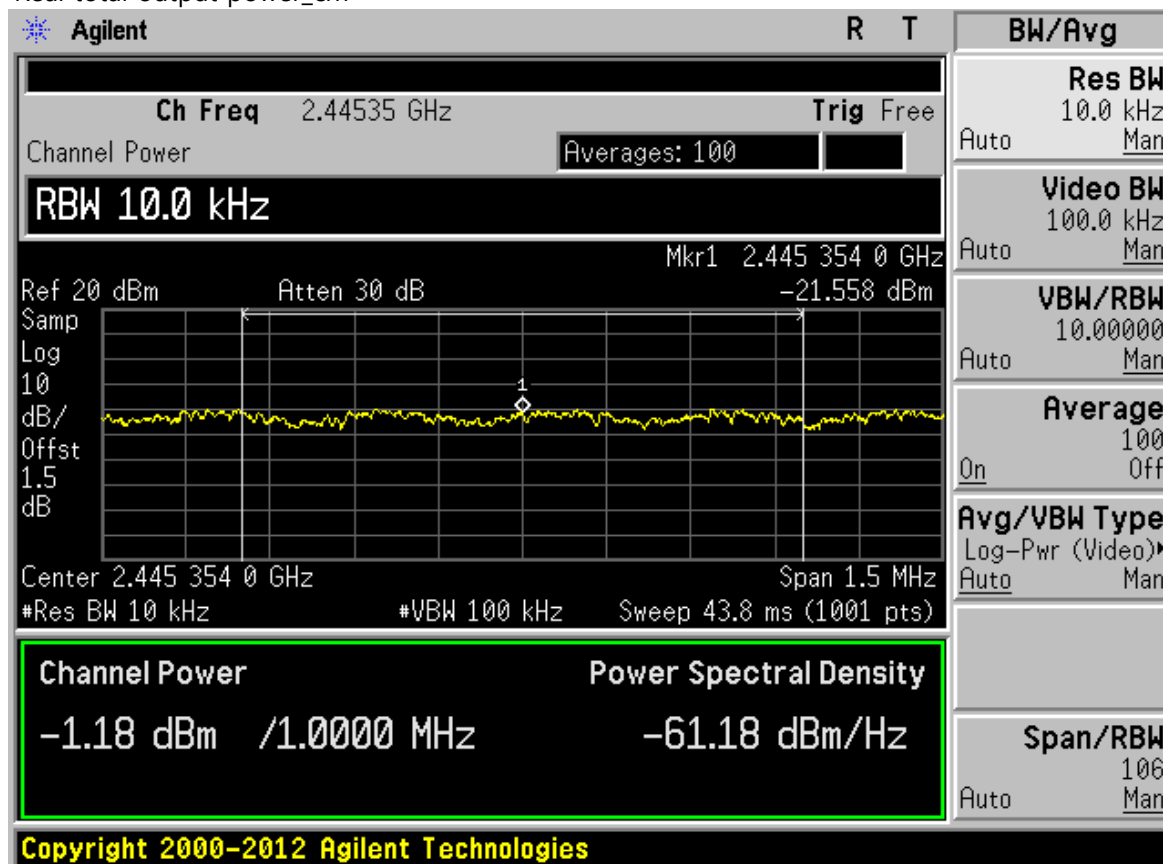
RX spurious_1GHz-12.5GHz_ch1



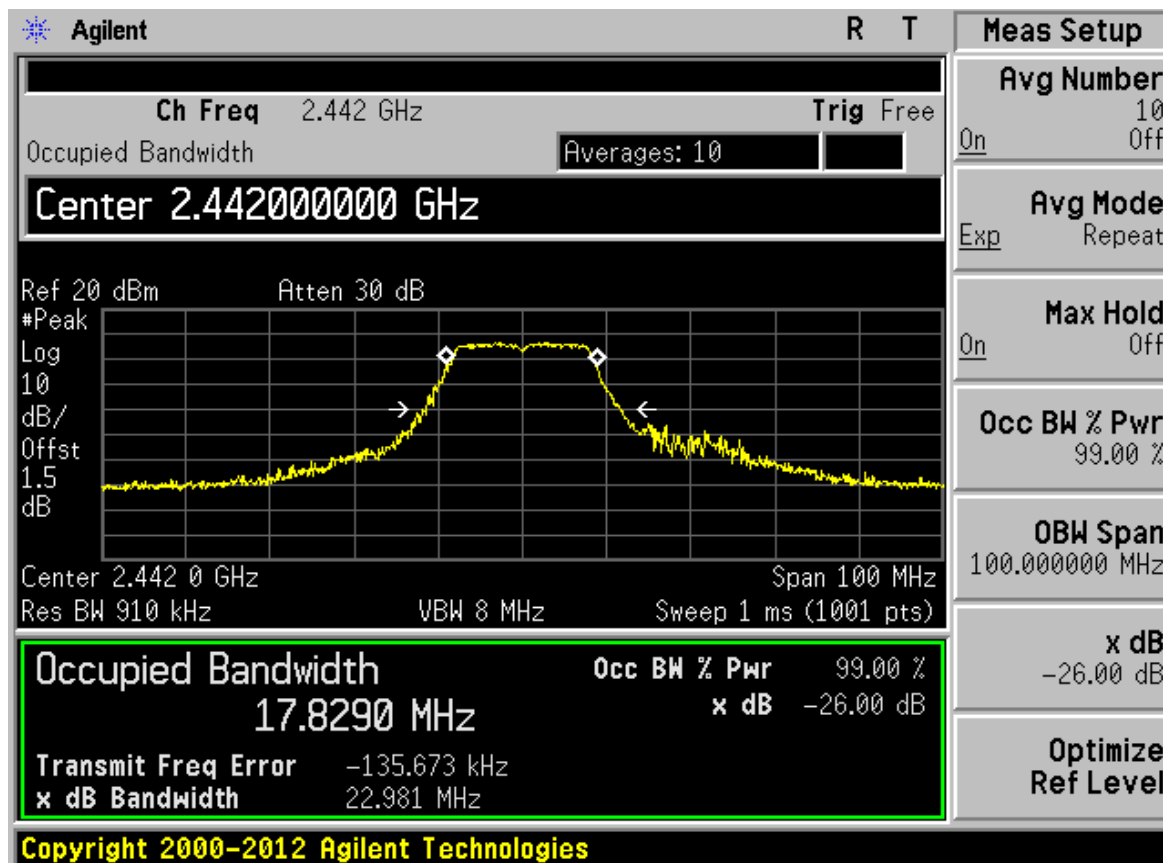
Reading frequency_ch1



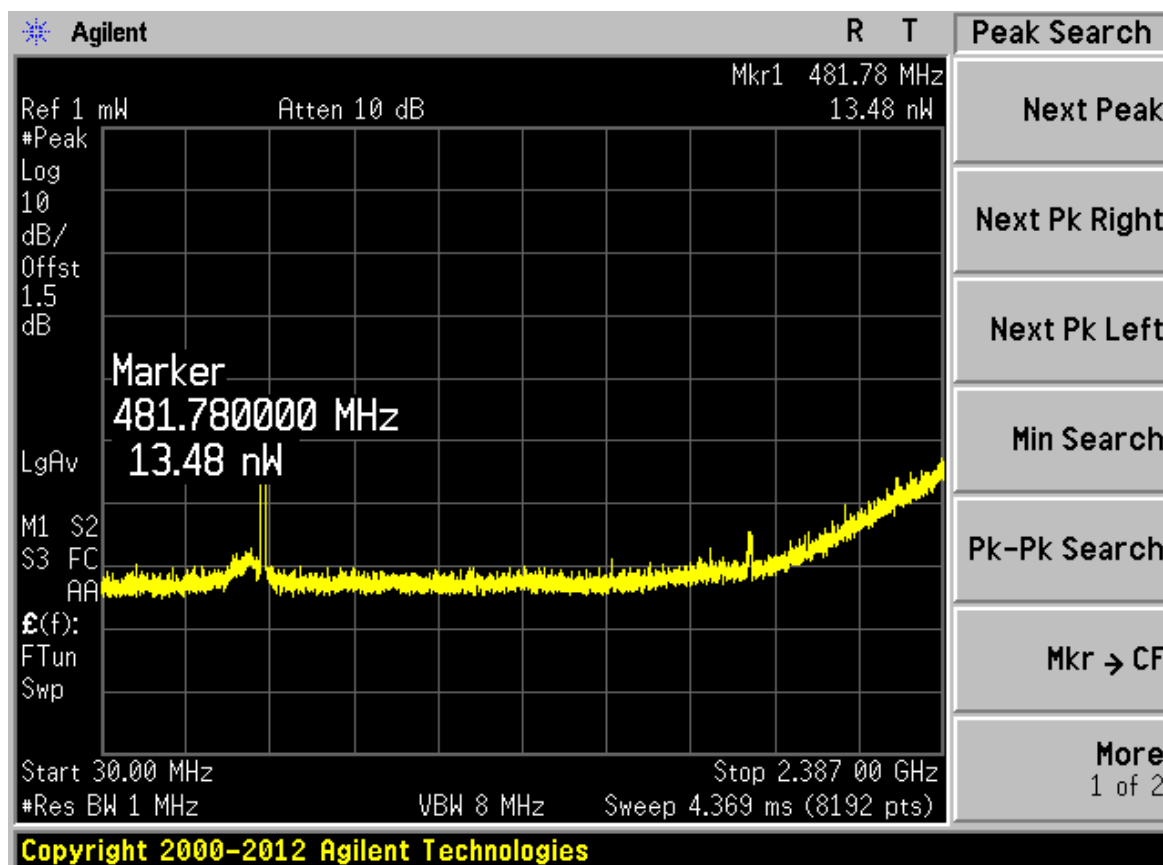
Real total output power_ch7



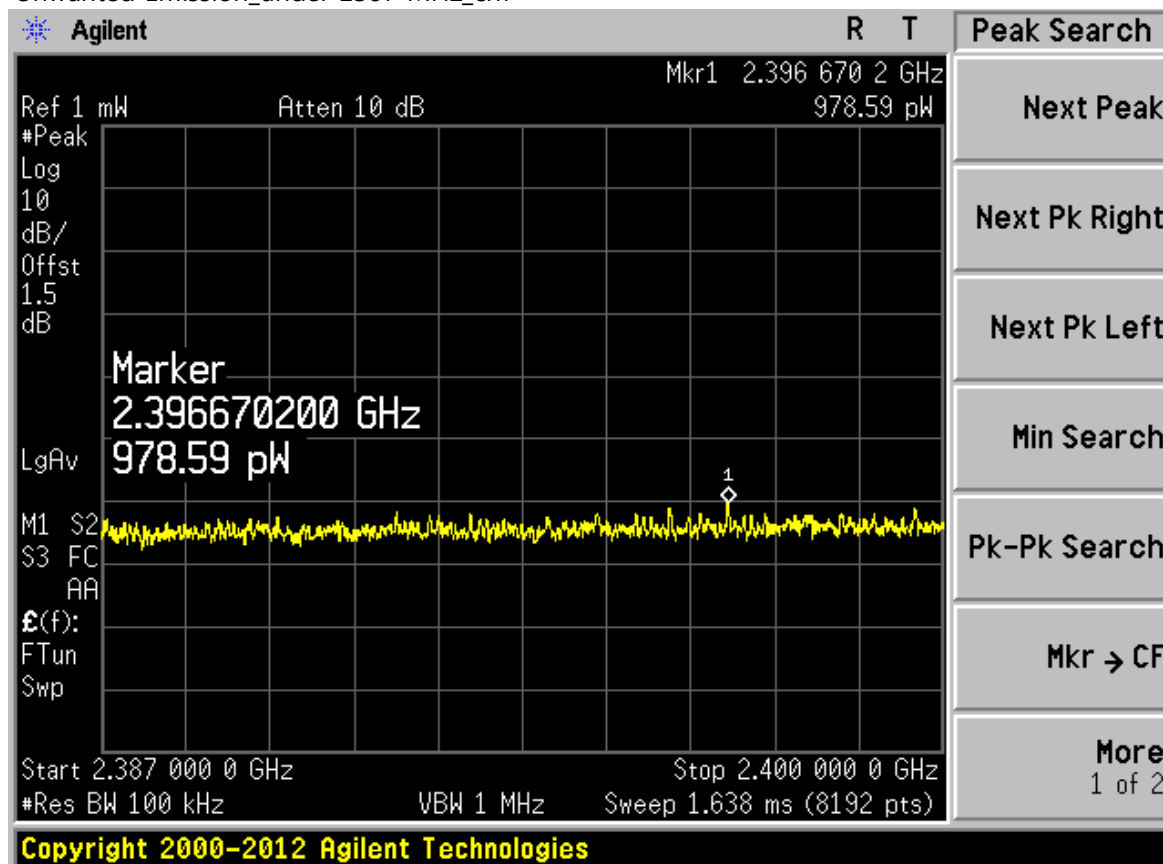
RF output power_ch7



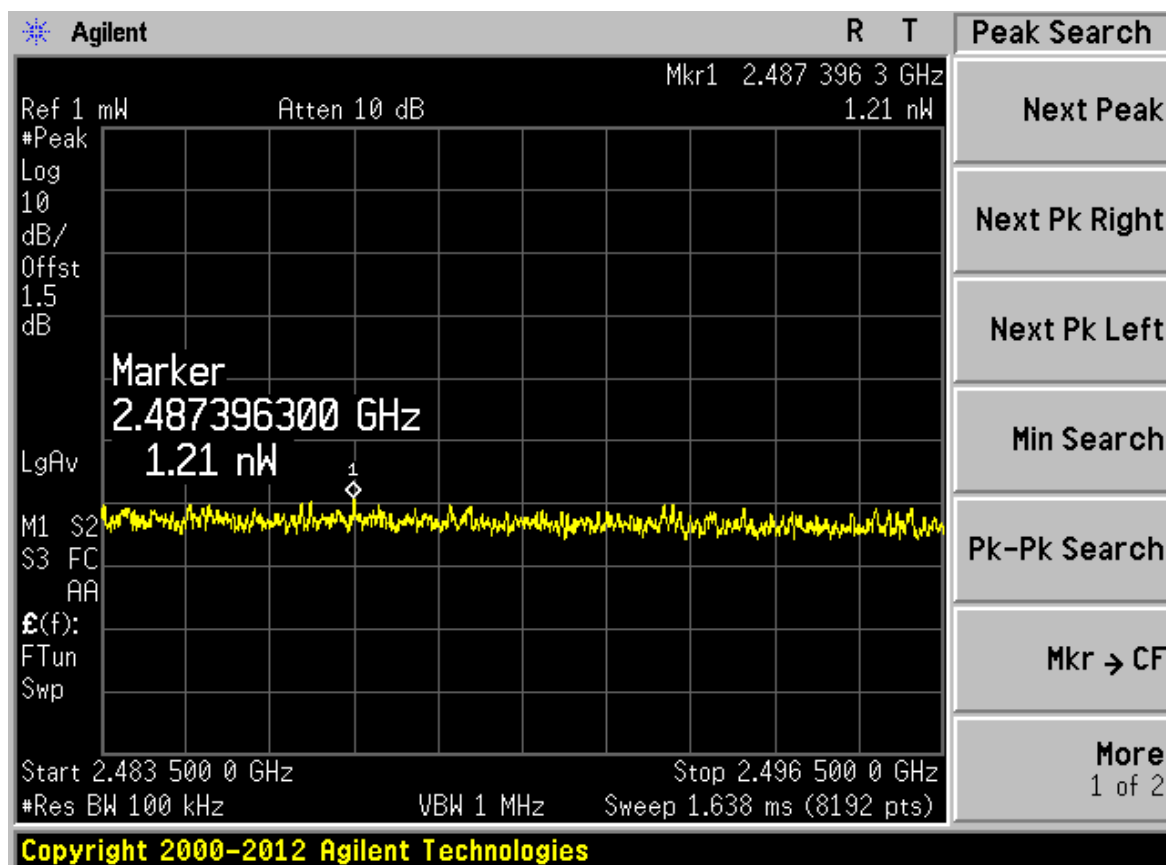
Occupied Bandwidth_ch7



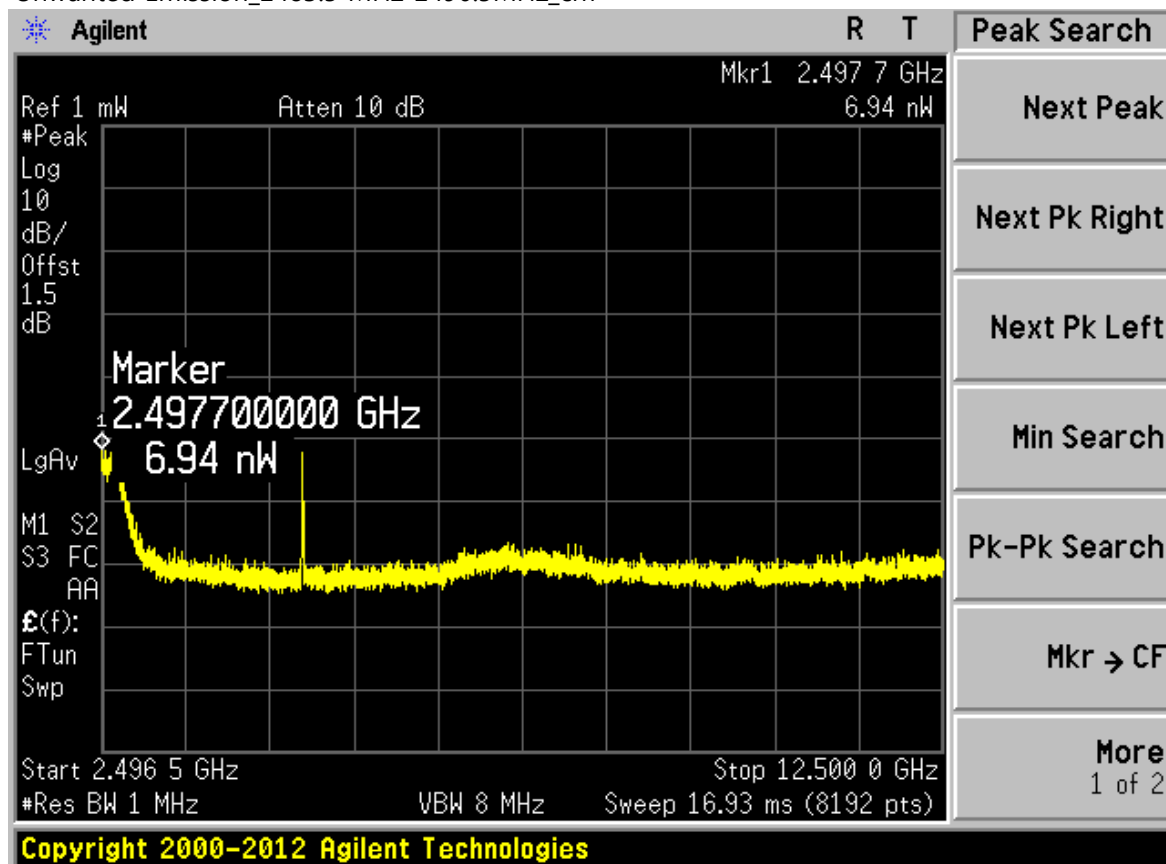
Unwanted Emission_under 2387 MHz_ch7



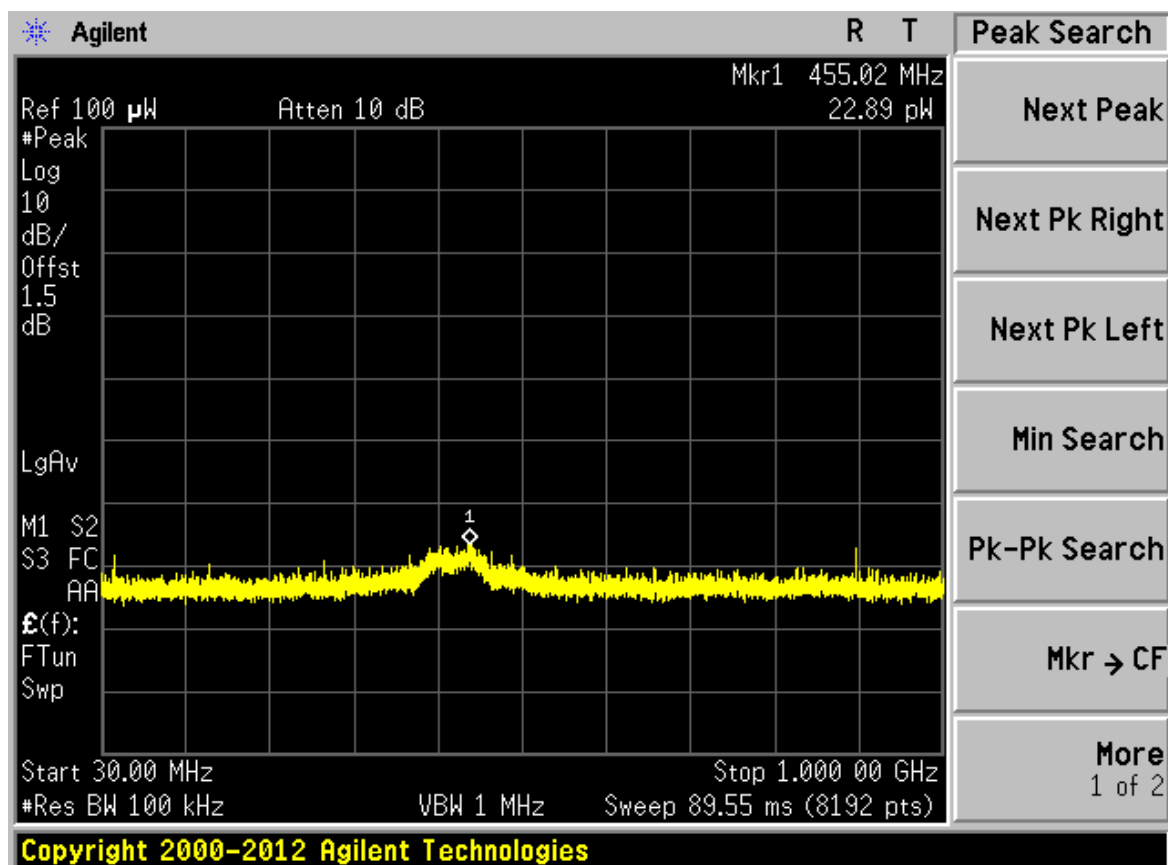
Unwanted Emission_2387 MHz-2400MHz_ch7



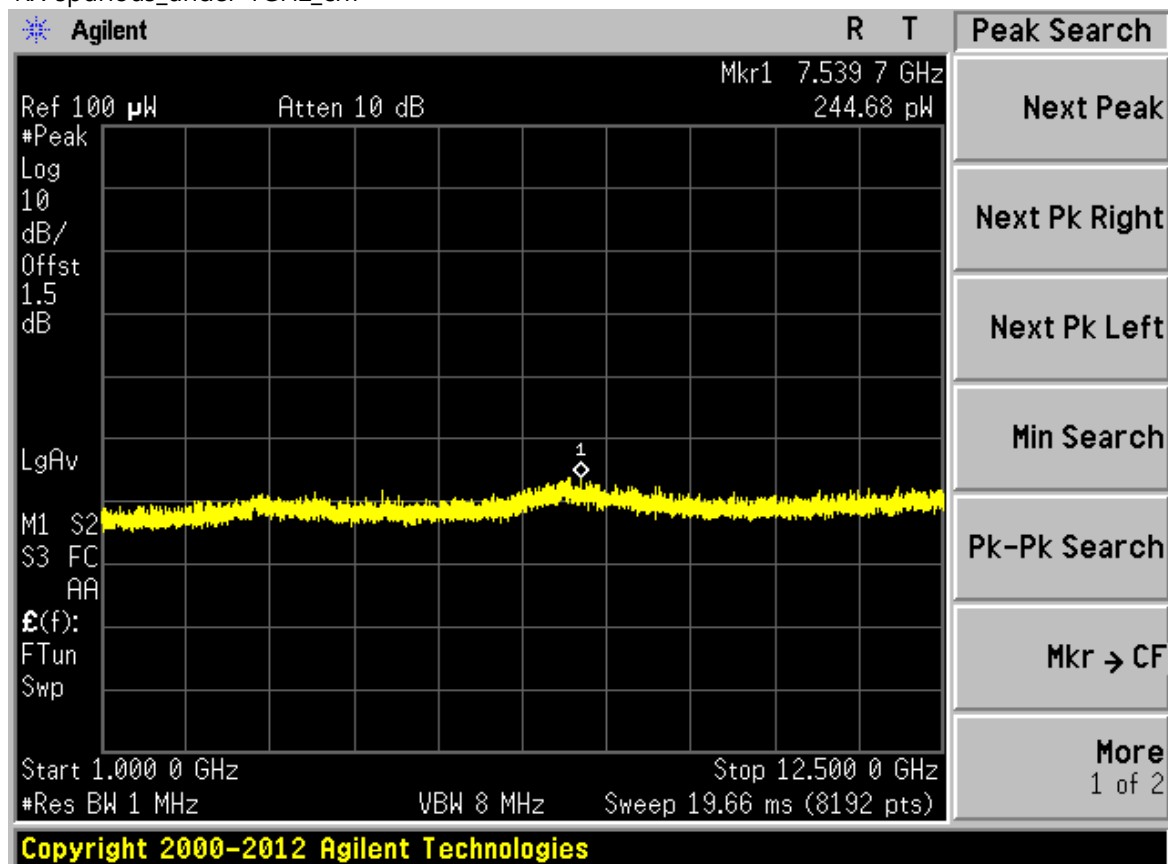
Unwanted Emission_2483.5 MHz-2496.5MHz_ch7



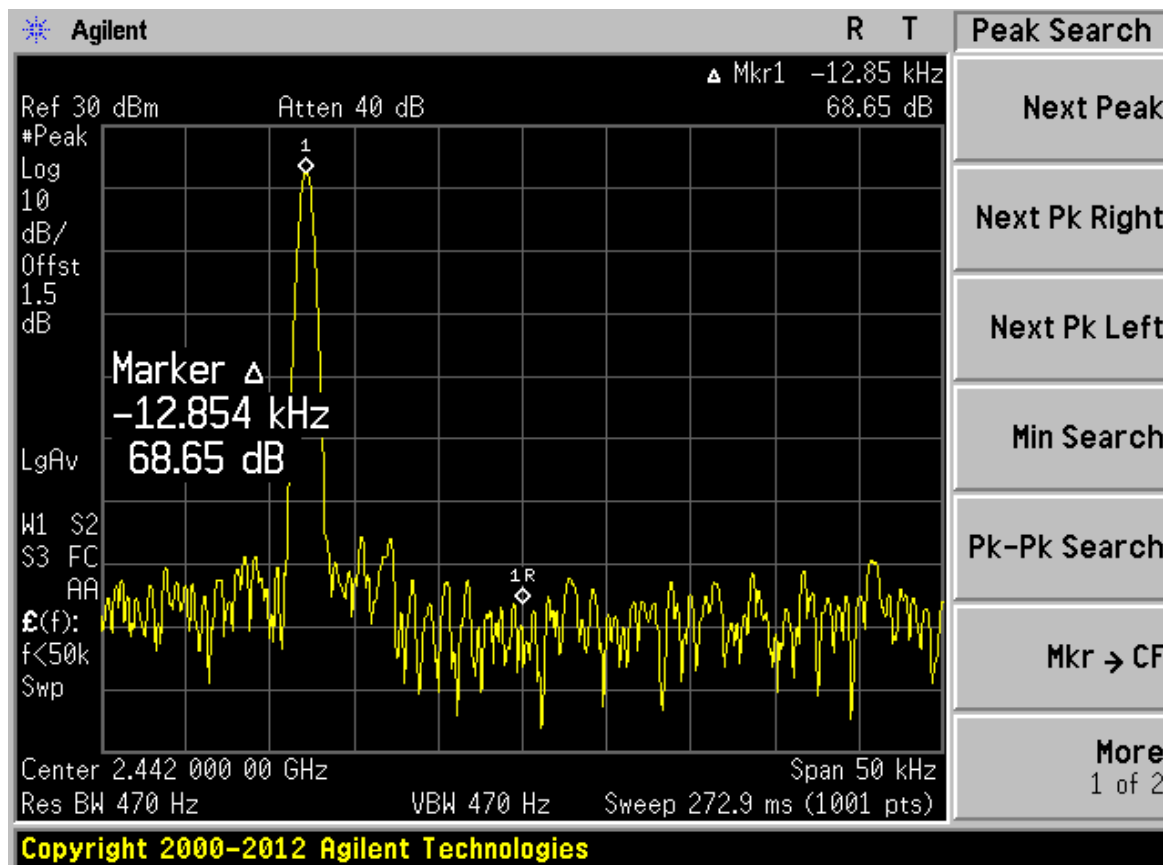
Unwanted Emission_2496.5MHz-12.5GHz_ch7



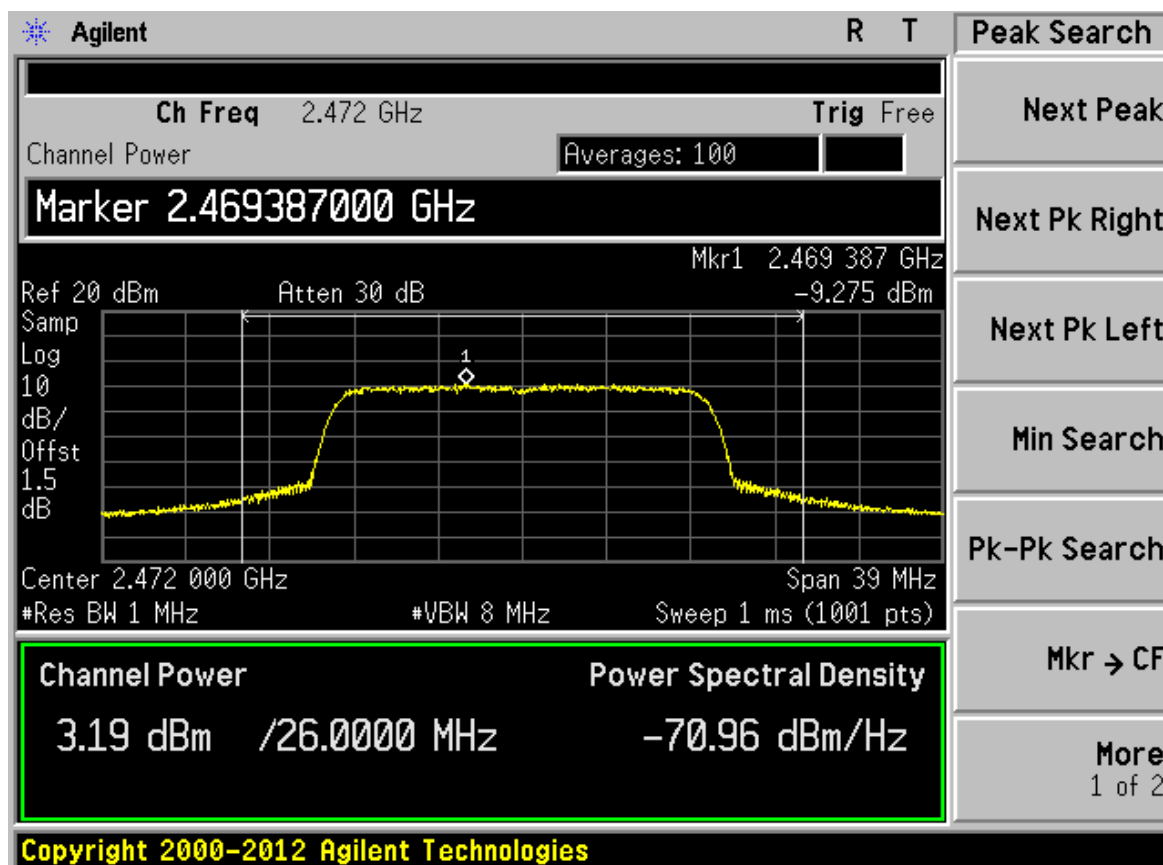
RX spurious_under 1GHz_ch7



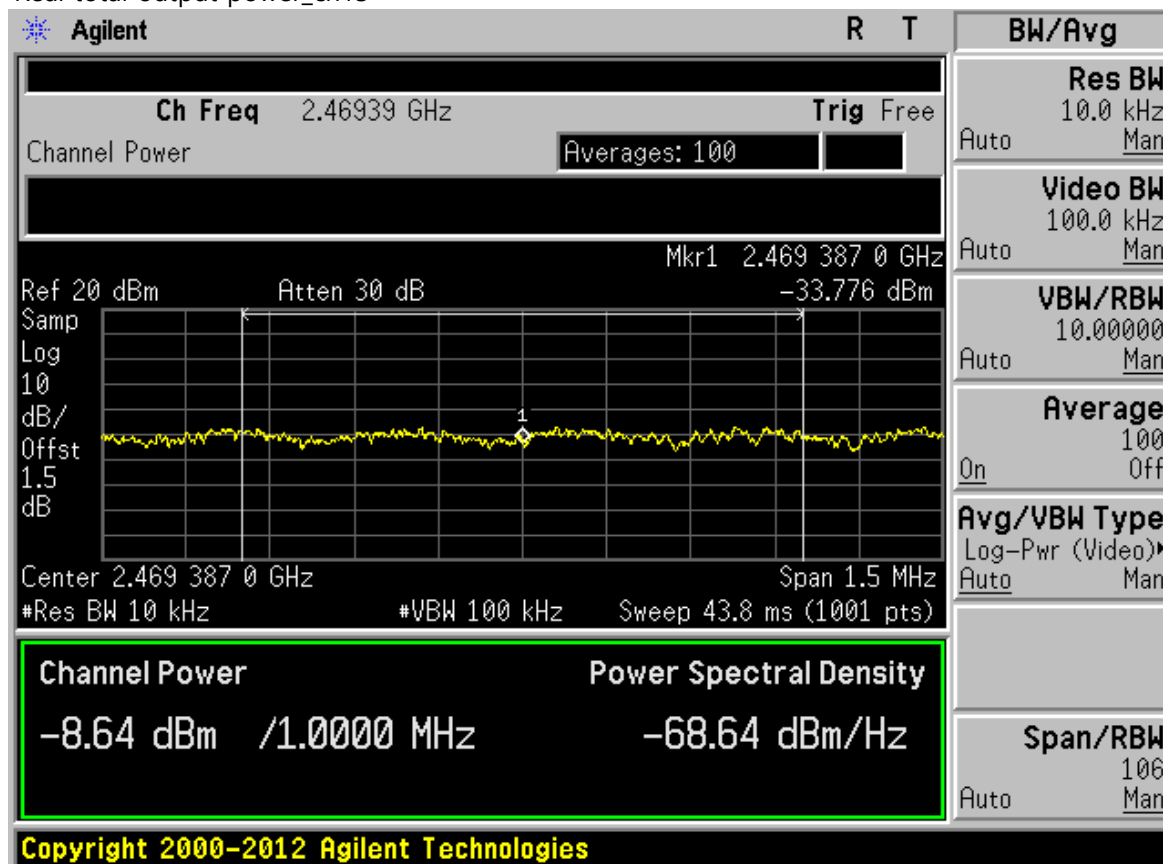
RX spurious_1GHz-12.5GHz_ch7



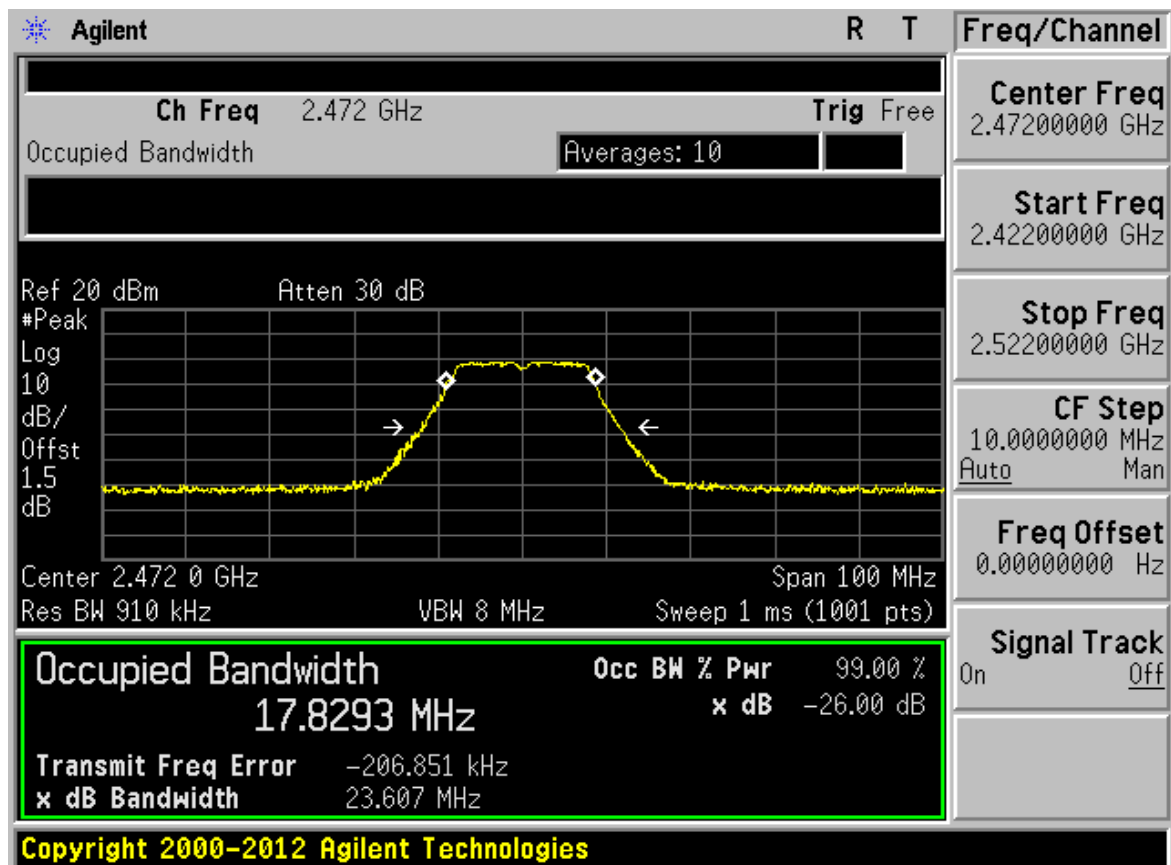
Reading frequency_ch7



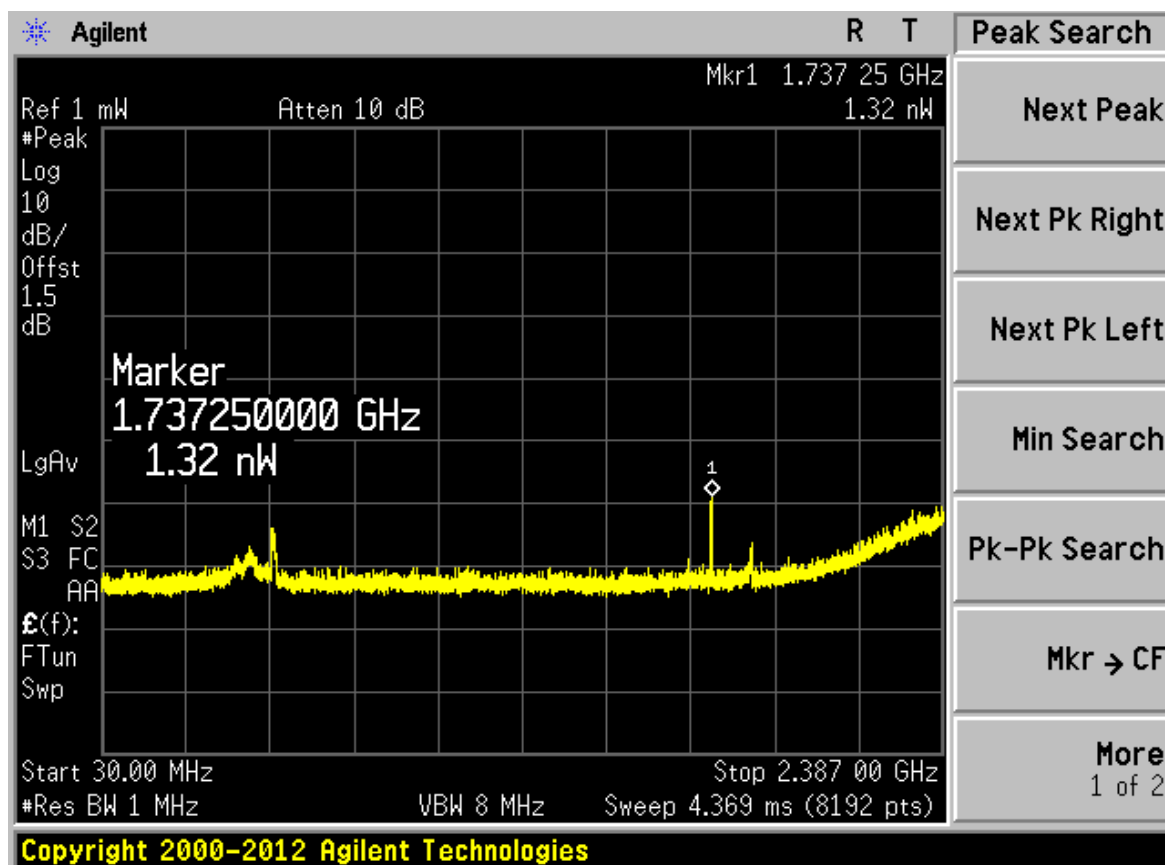
Real total output power_ch13



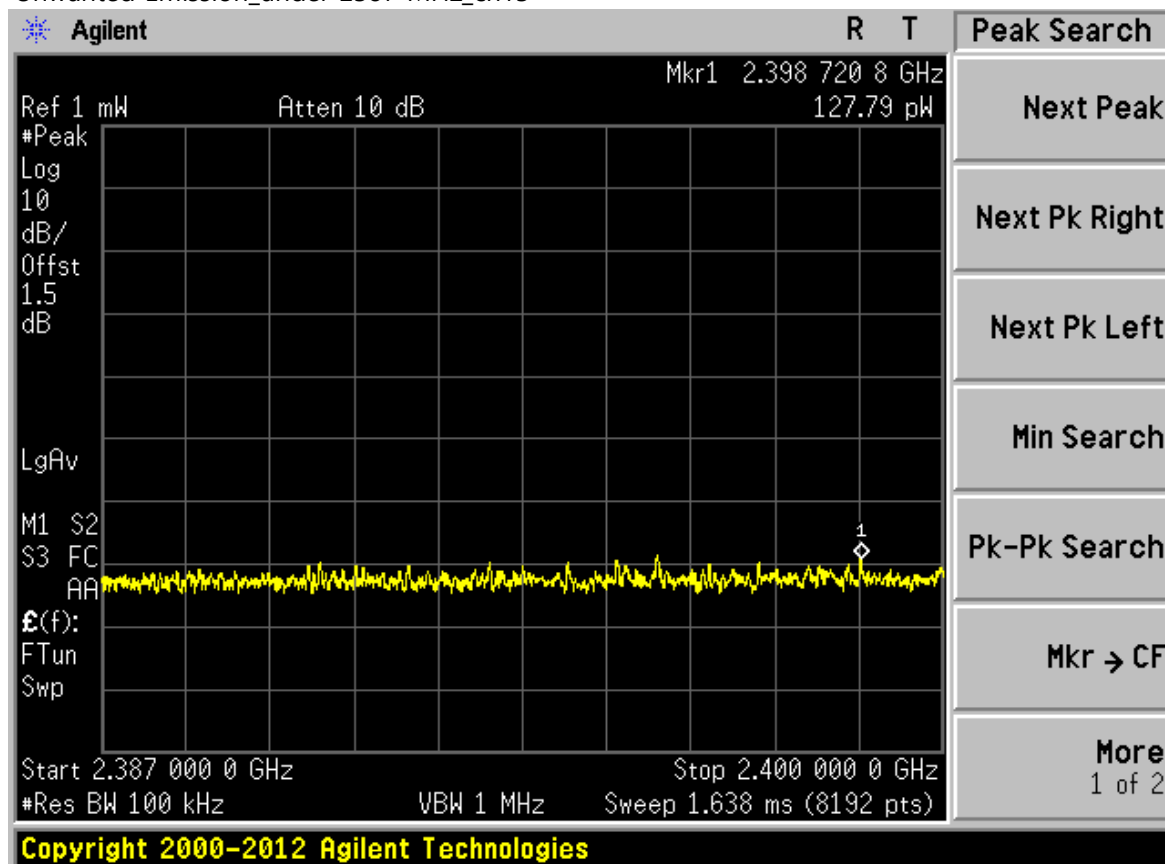
RF output power_ch13



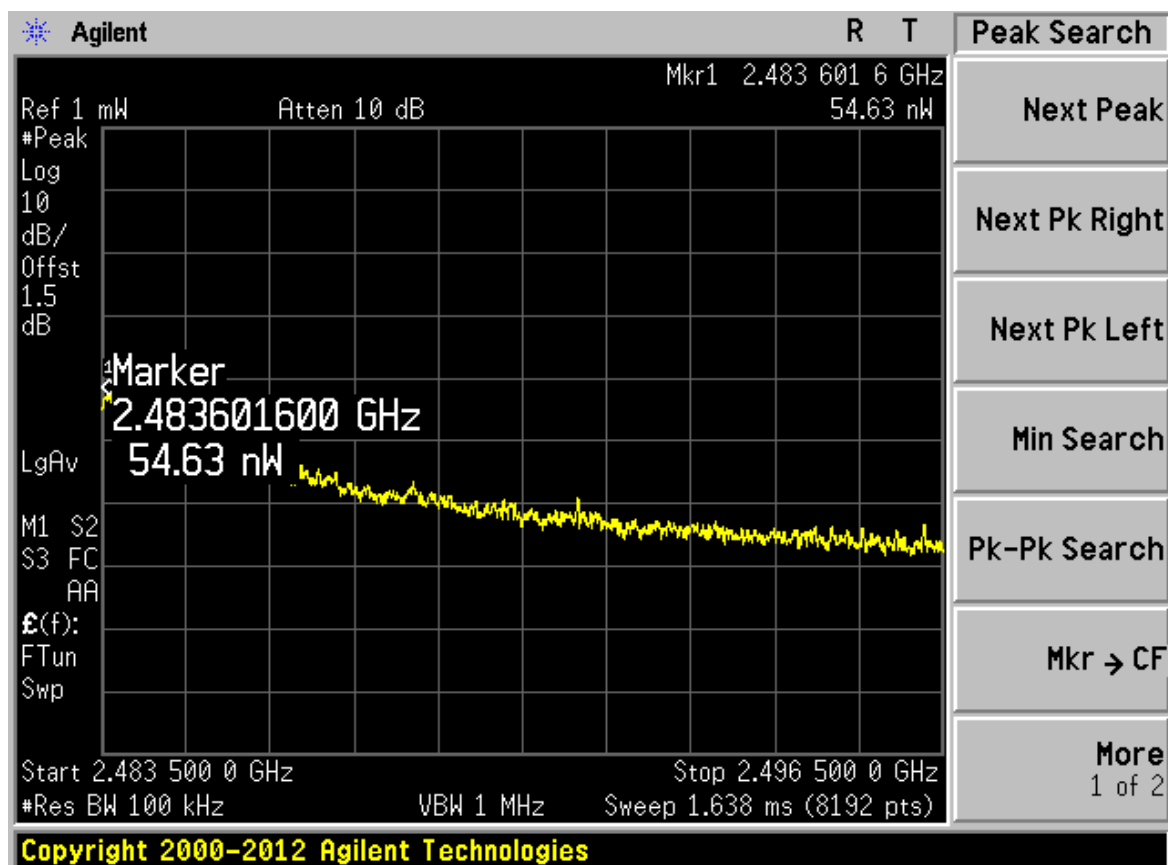
Occupied Bandwidth_ch13



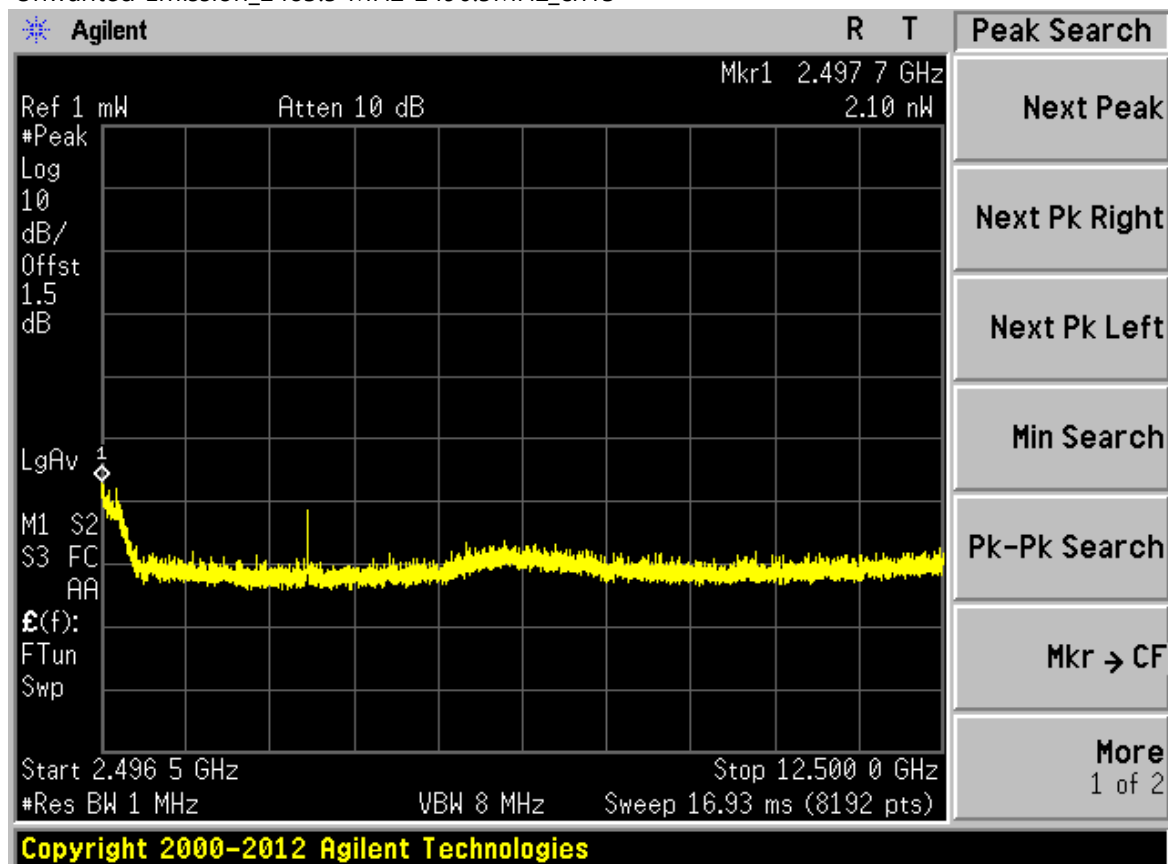
Unwanted Emission_under 2387 MHz_ch13



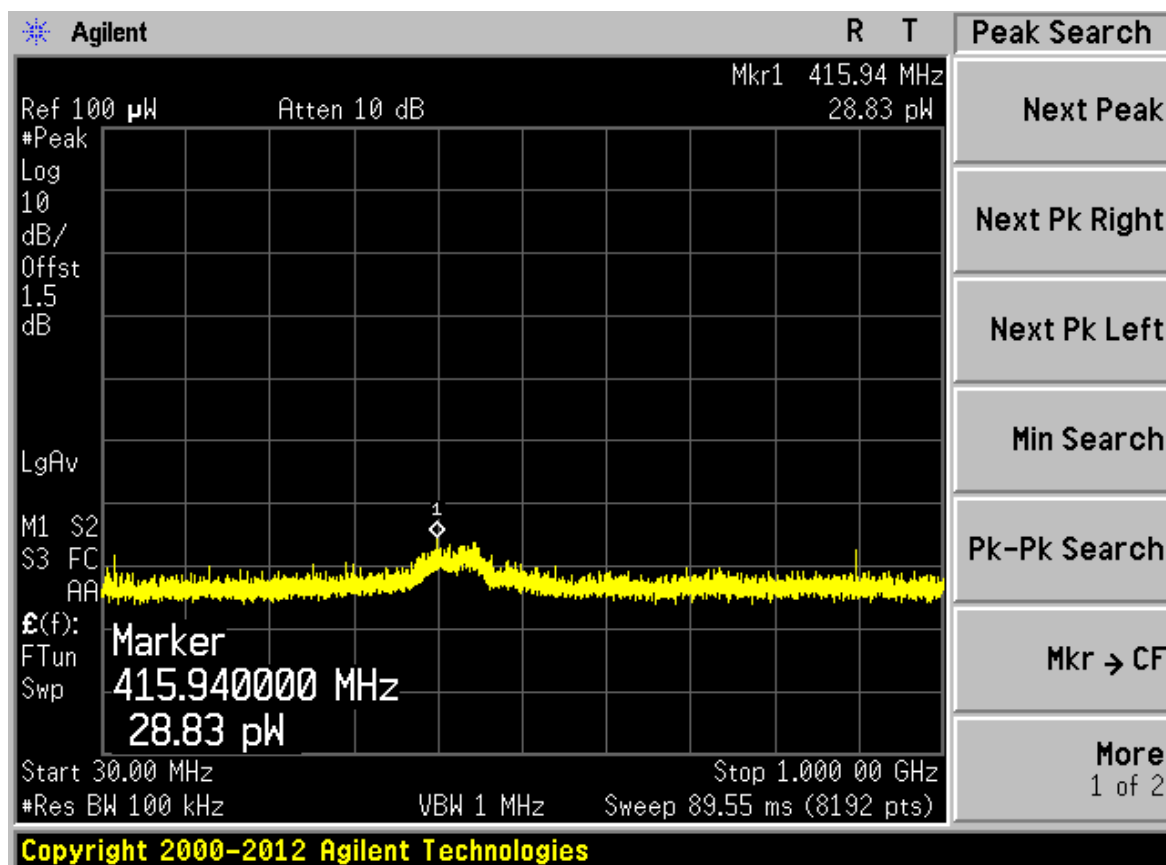
Unwanted Emission_2387 MHz-2400MHz_ch13



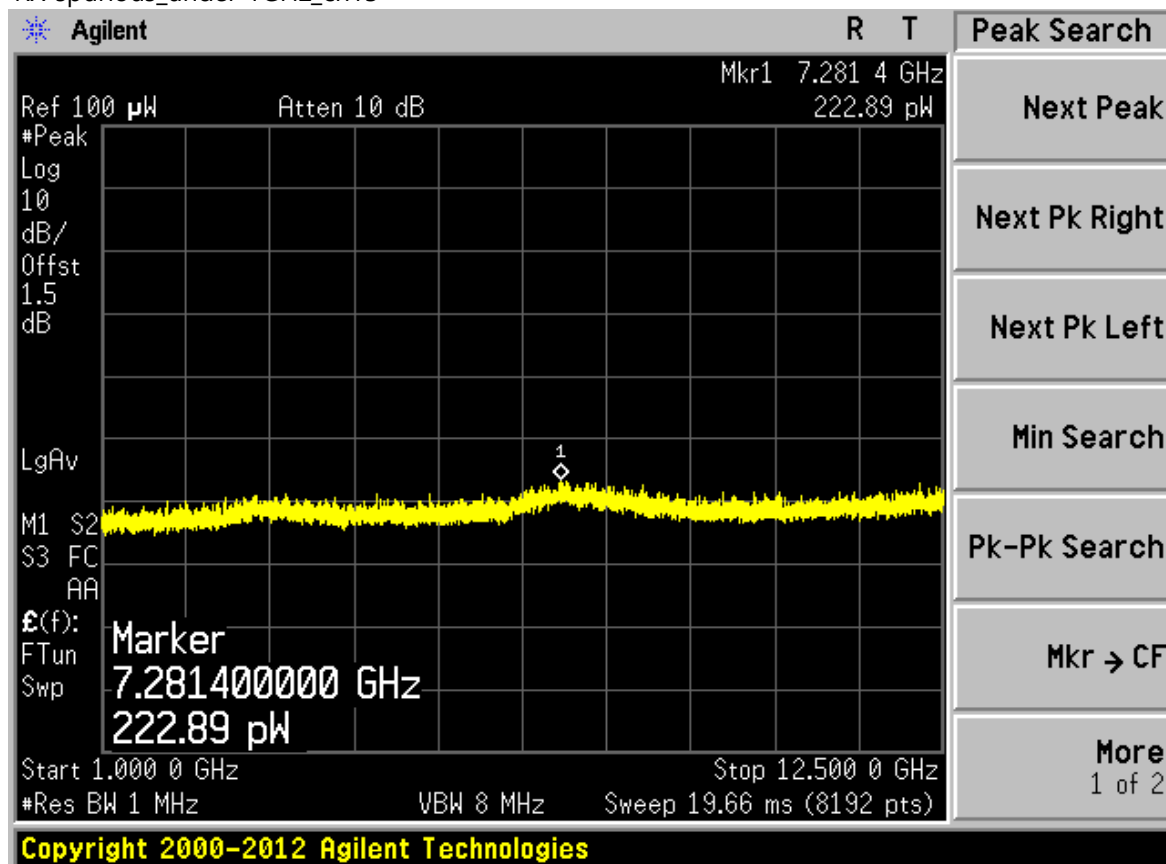
Unwanted Emission_2483.5 MHz-2496.5MHz_ch13



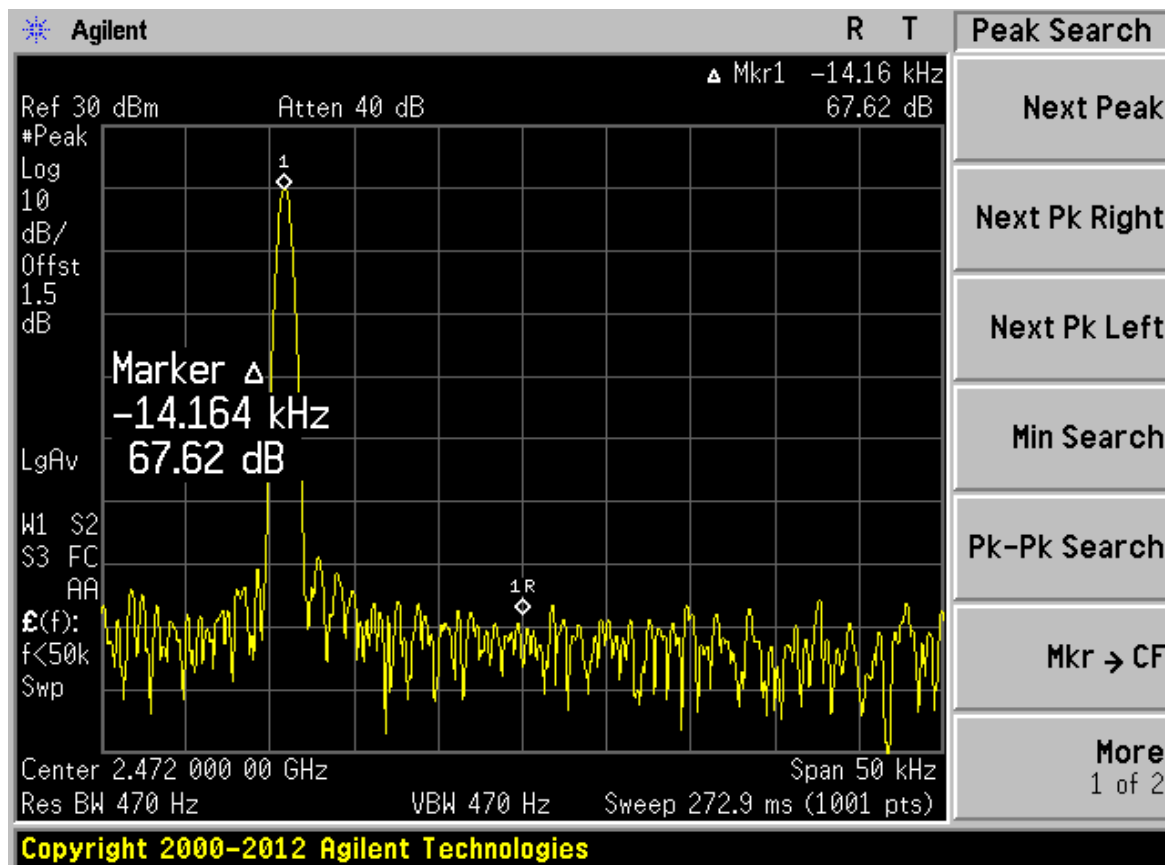
Unwanted Emission_2496.5MHz-12.5GHz_ch13



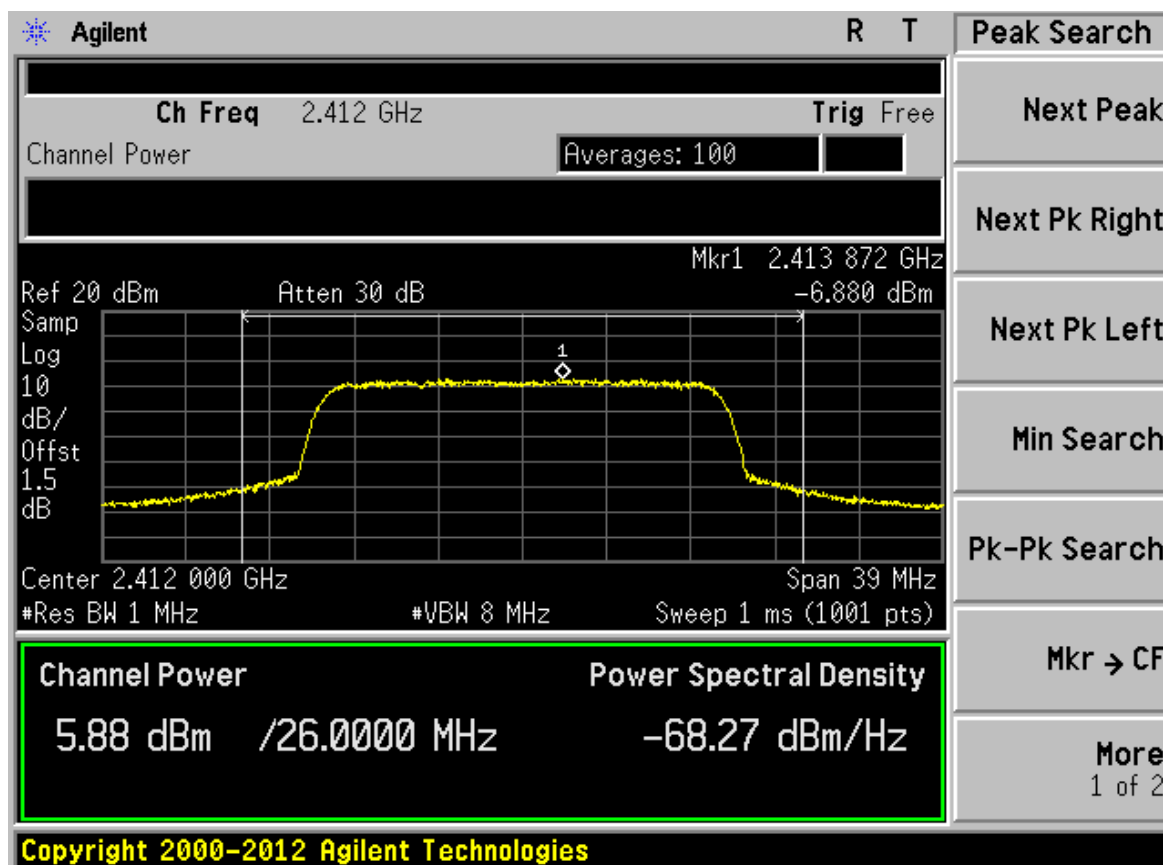
RX spurious_under 1GHz_ch13



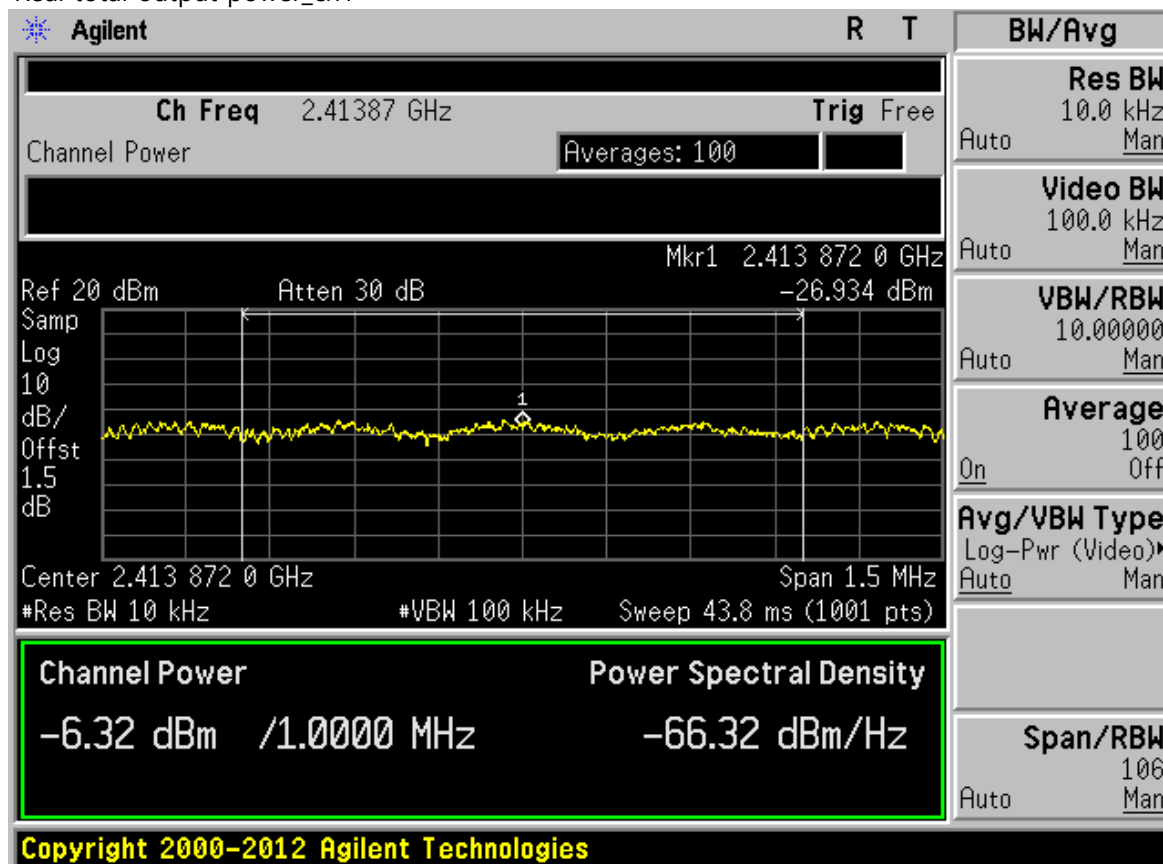
RX spurious_1GHz-12.5GHz_ch13



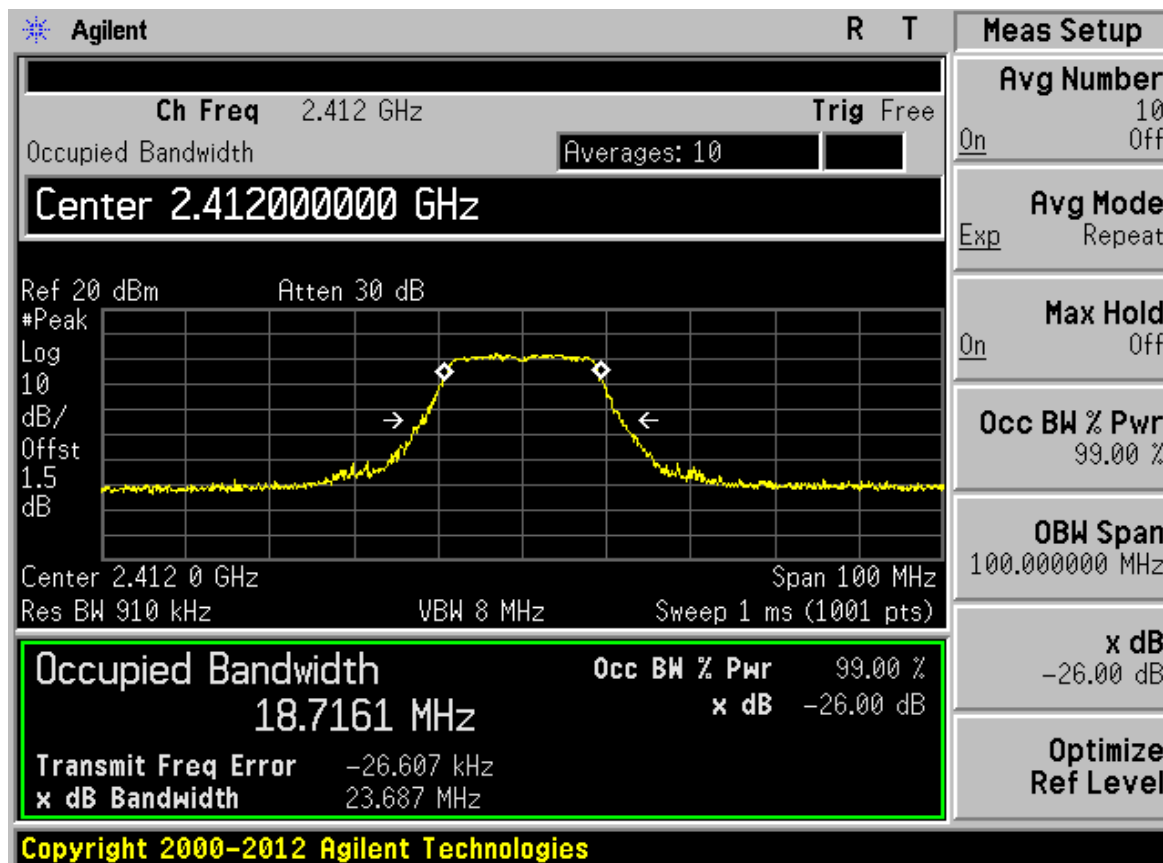
Reading frequency_ch13



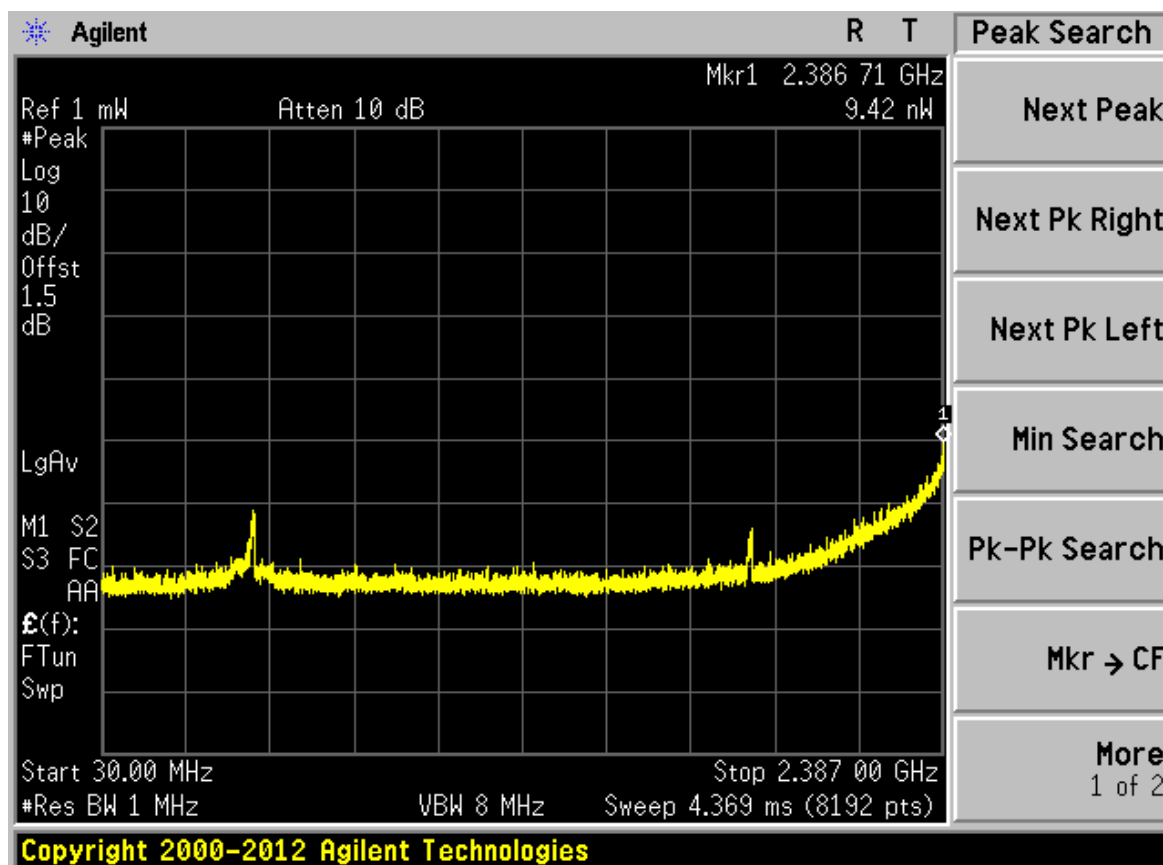
Real total output power_ch1



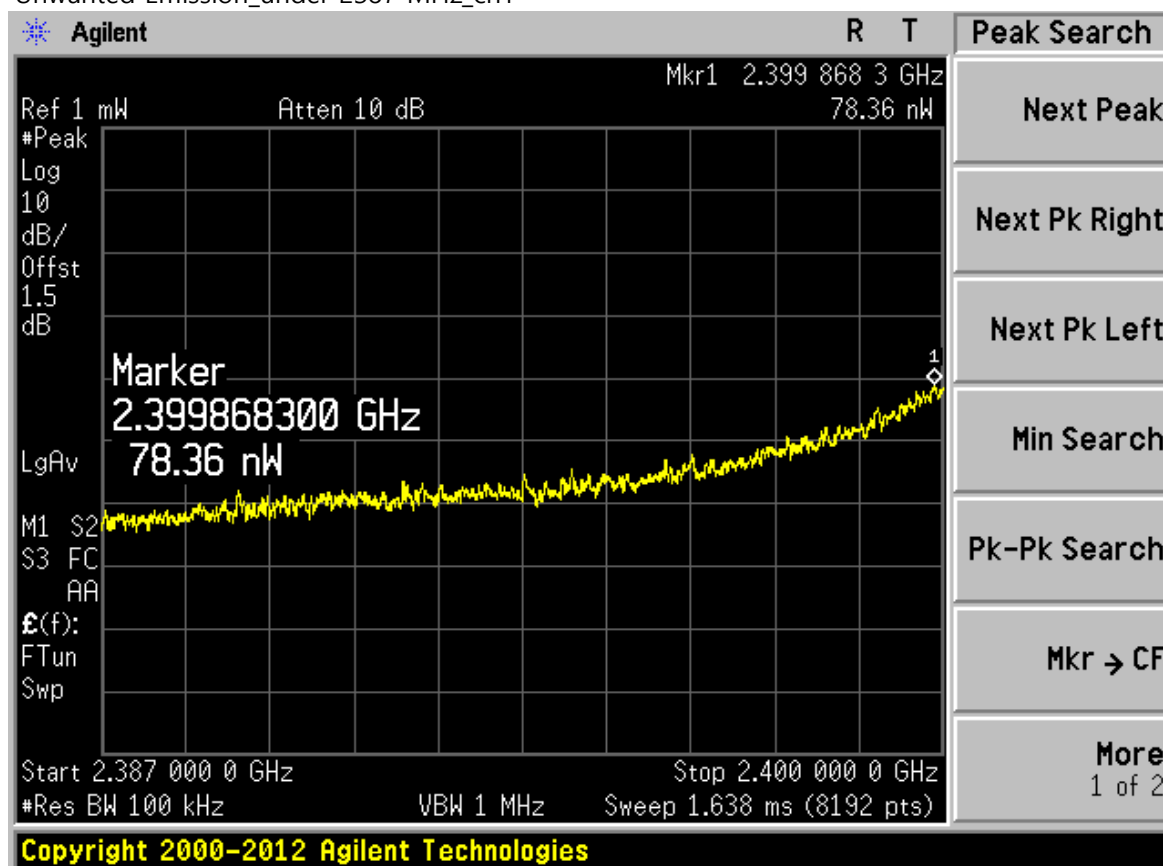
RF output power_ch1



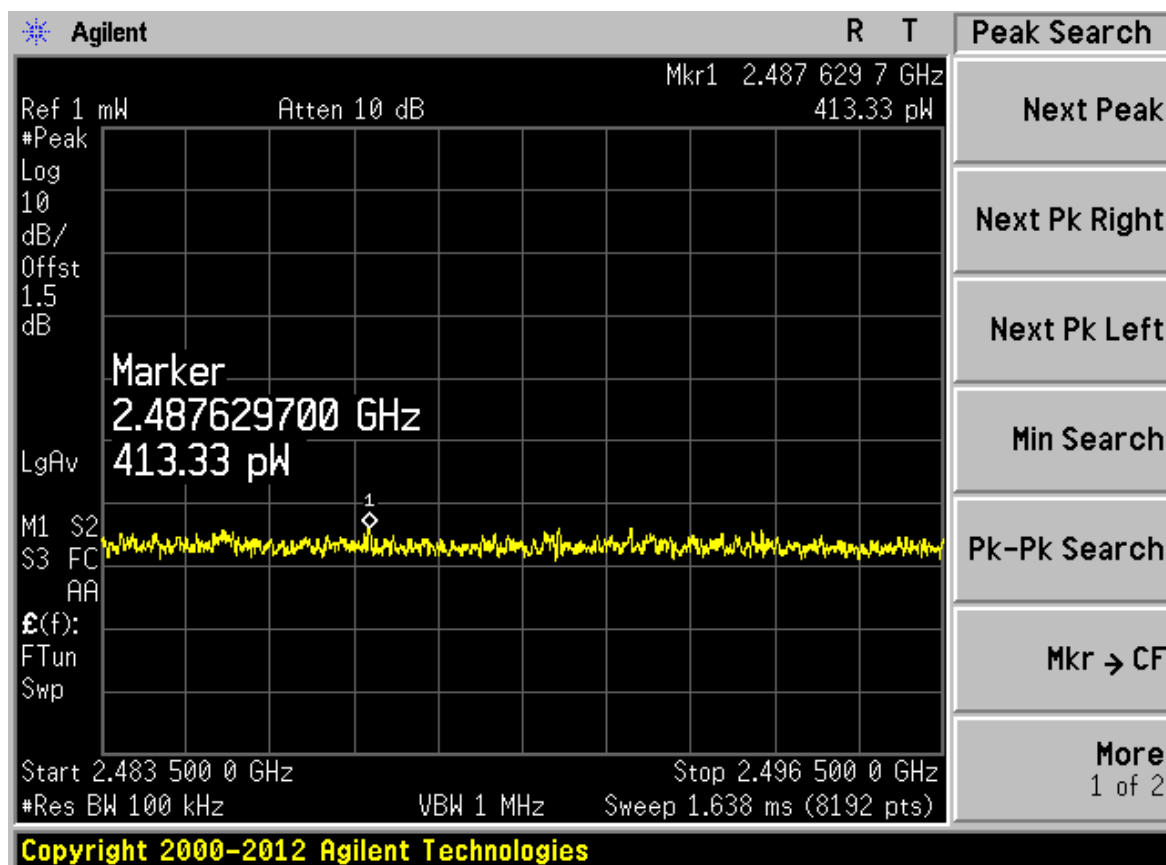
Occupied Bandwidth_ch1



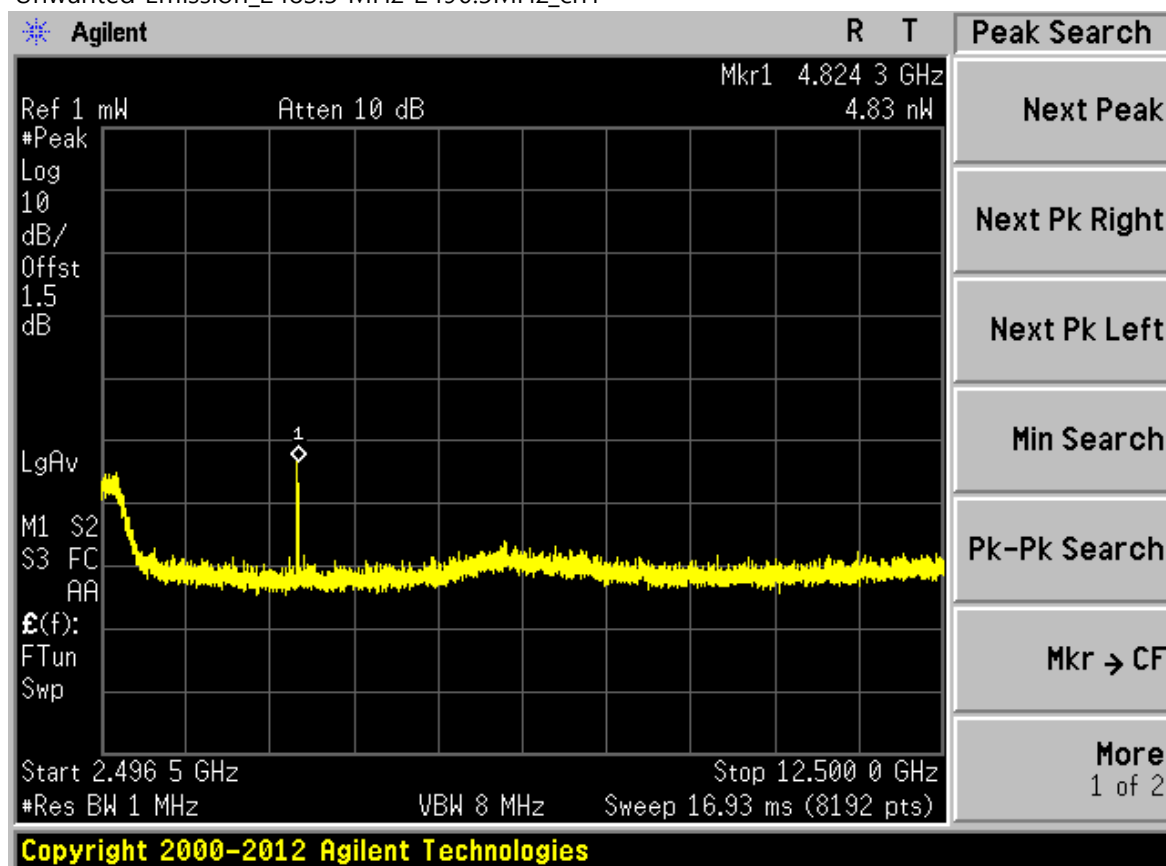
Unwanted Emission_under 2387 MHz_ch1



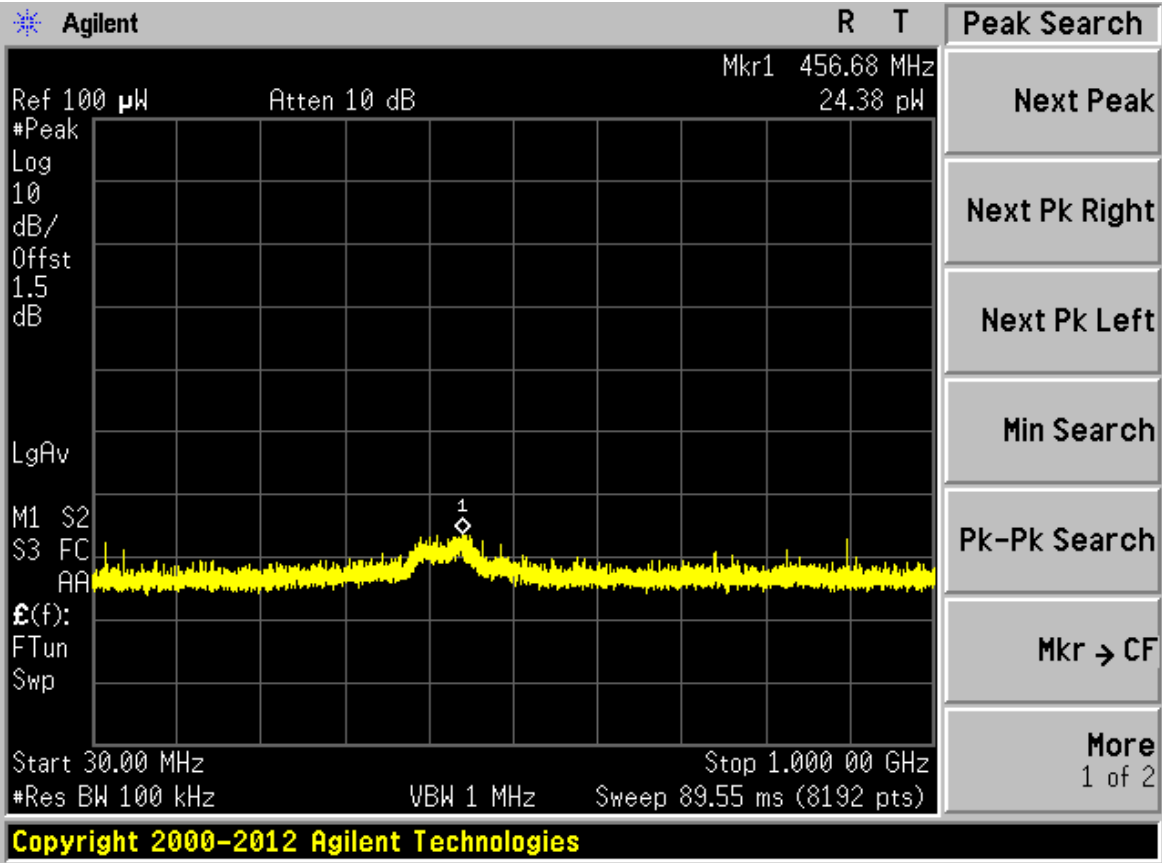
Unwanted Emission_2387 MHz-2400MHz_ch1



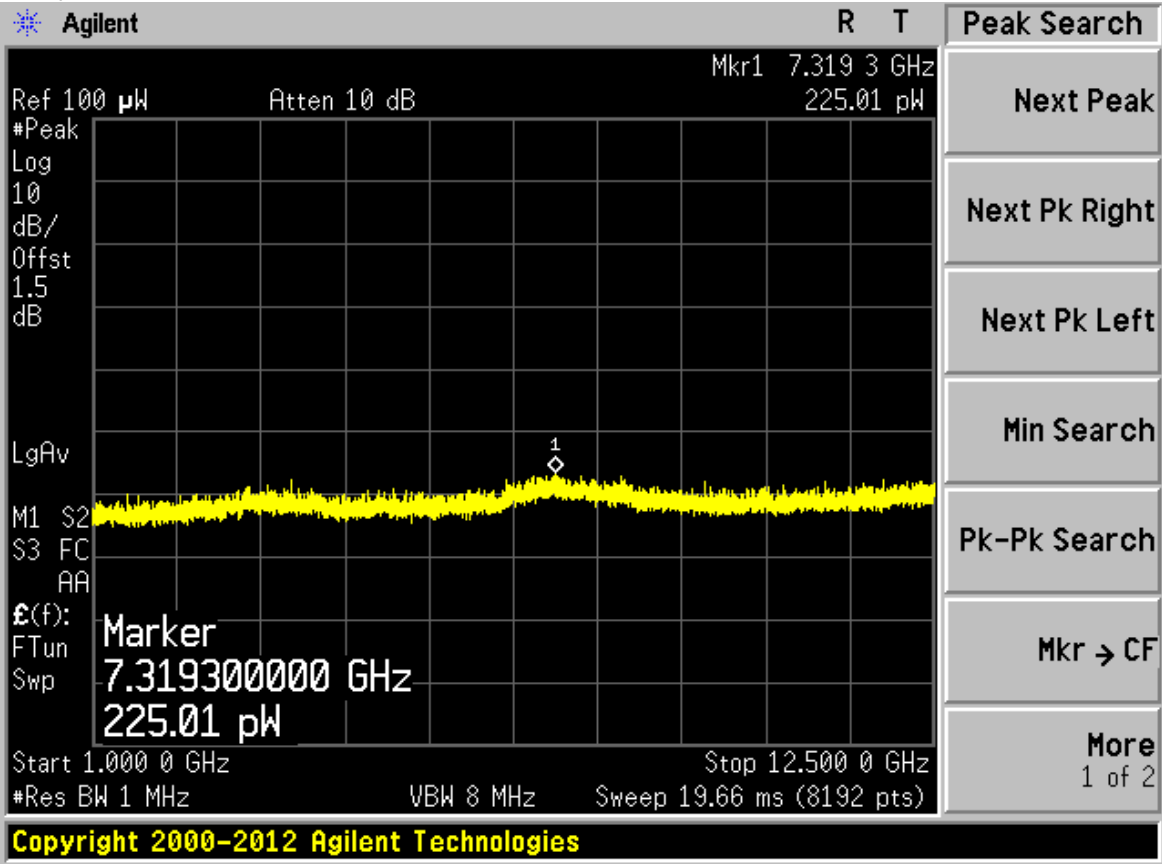
Unwanted Emission_2483.5 MHz-2496.5MHz_ch1



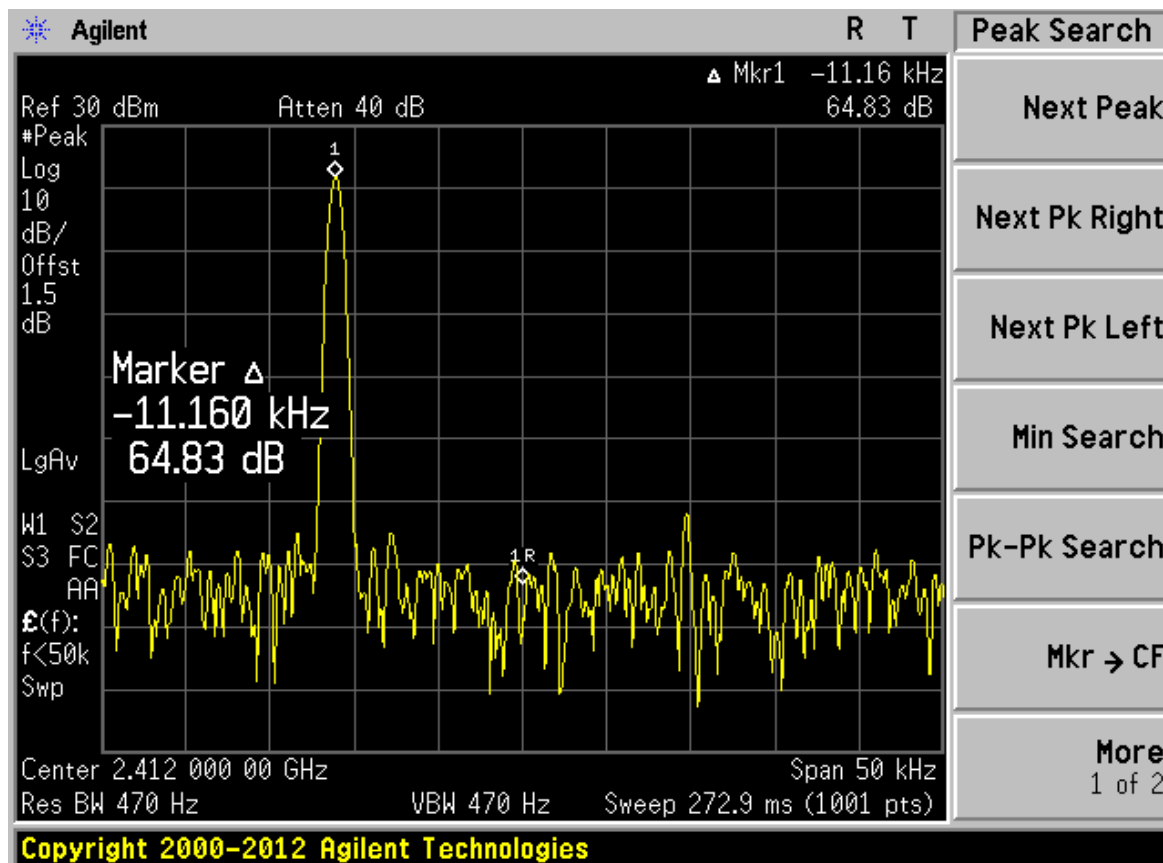
Unwanted Emission_2496.5MHz-12.5GHz_ch1



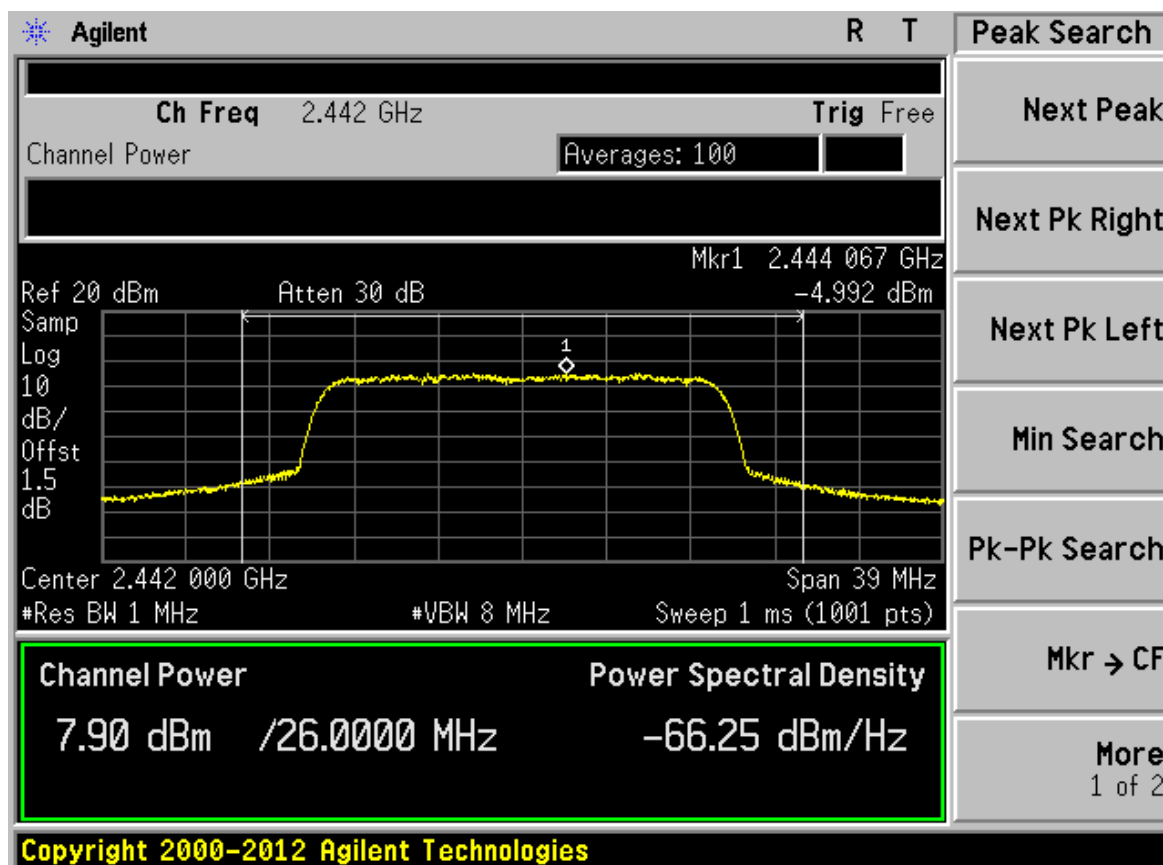
RX spurious_under 1GHz_ch1



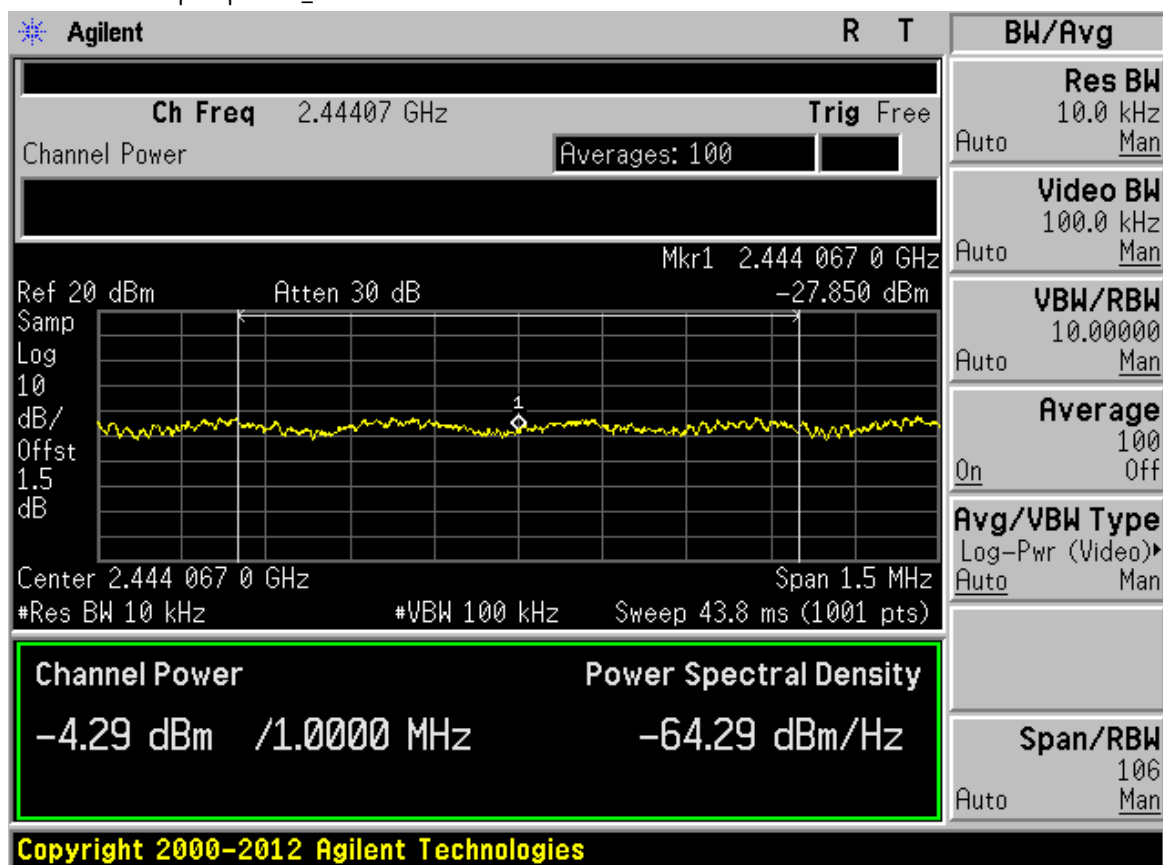
RX spurious_1GHz-12.5GHz_ch1



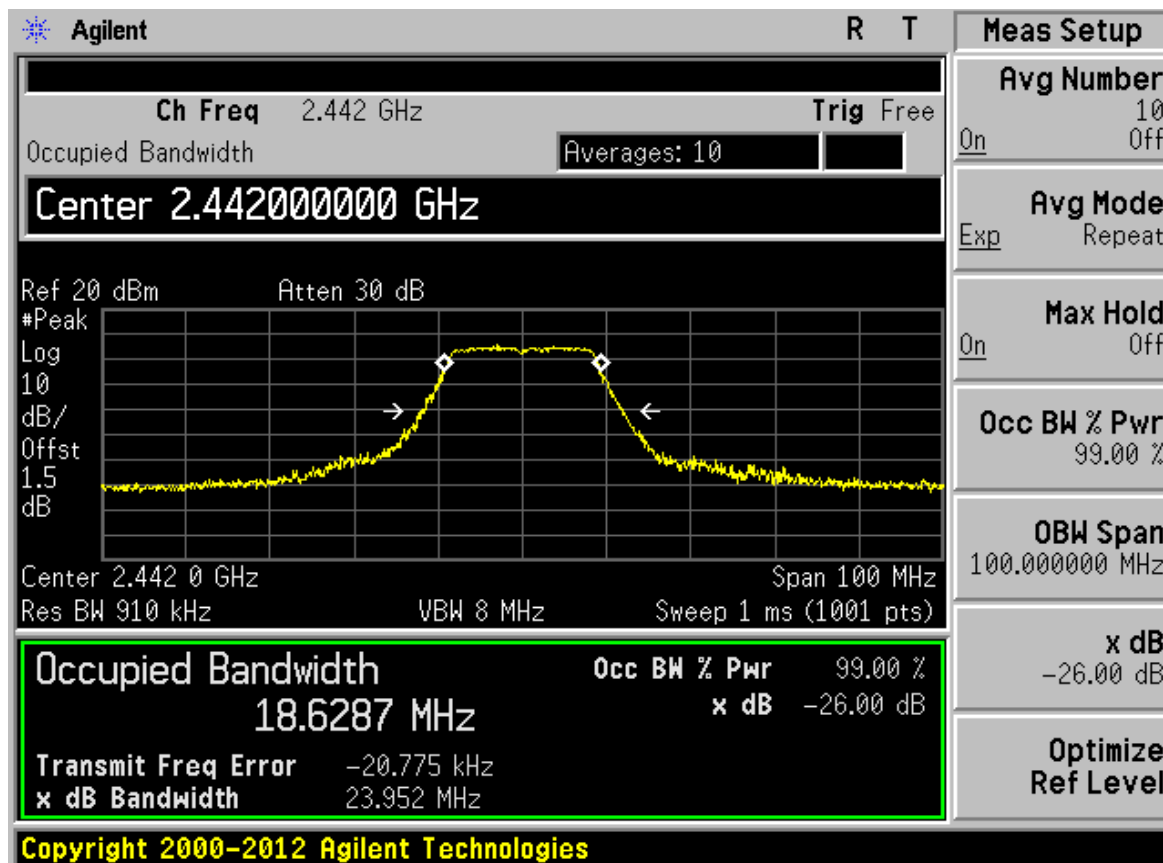
Reading frequency_ch1



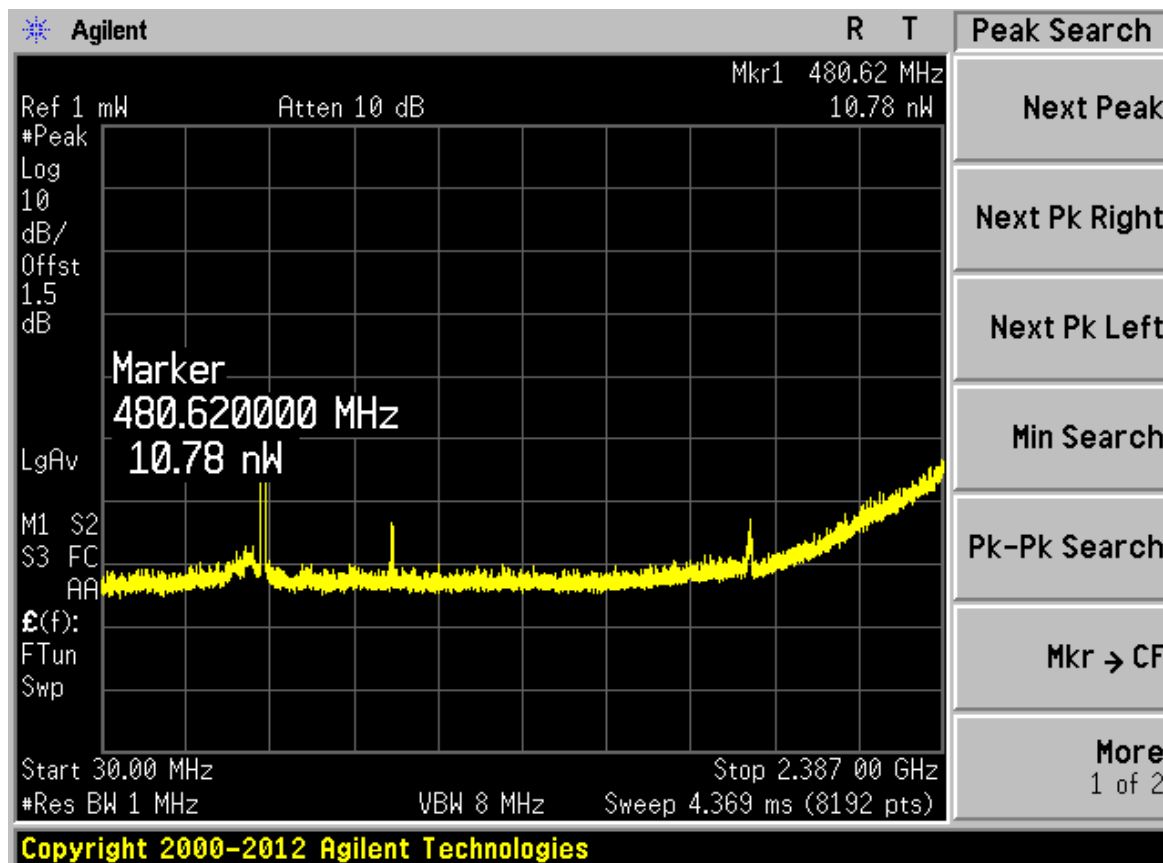
Real total output power_ch7



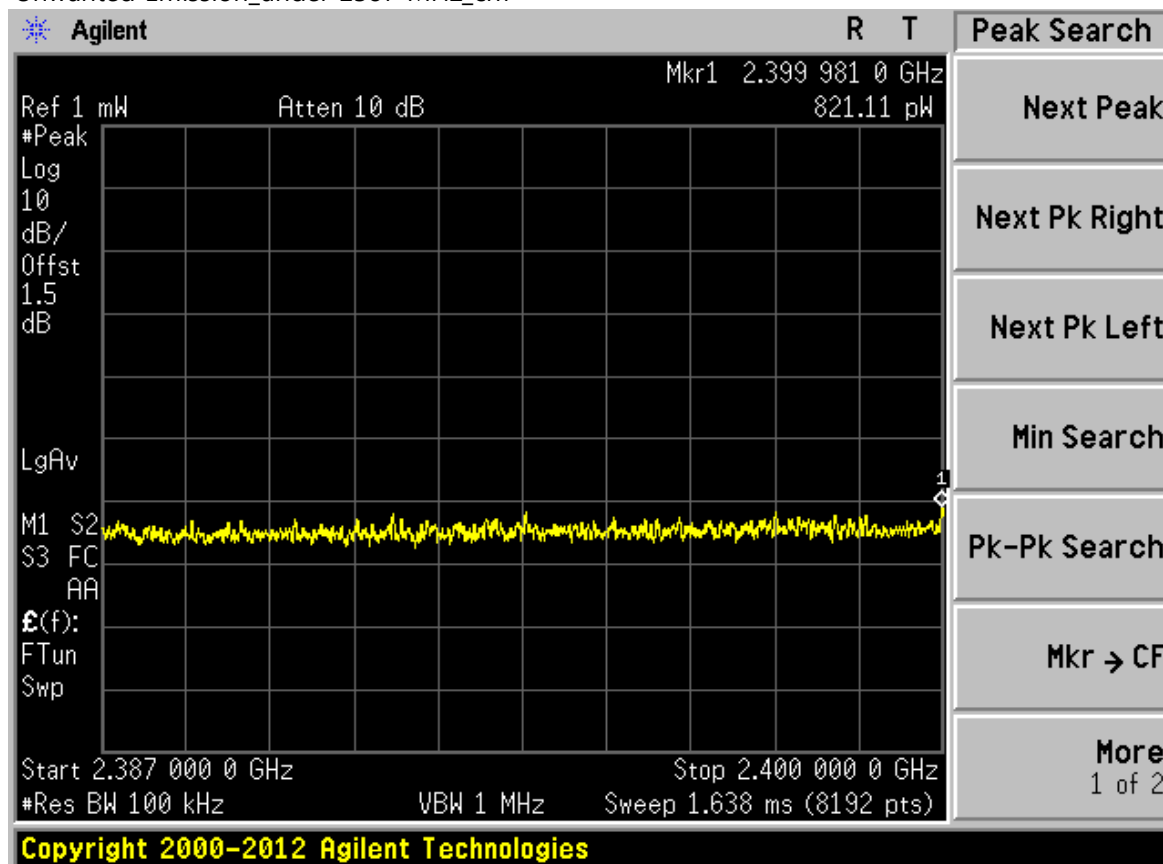
RF output power_ch7



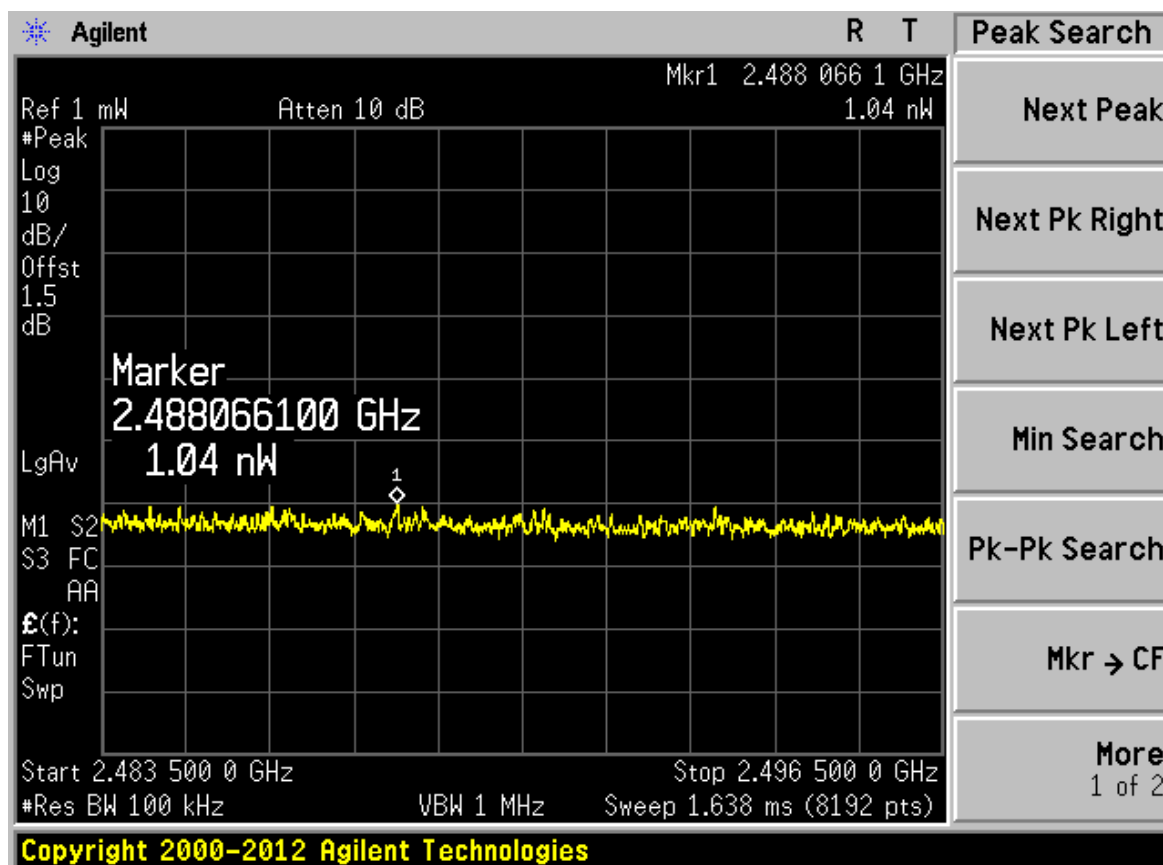
Occupied Bandwidth_ch7



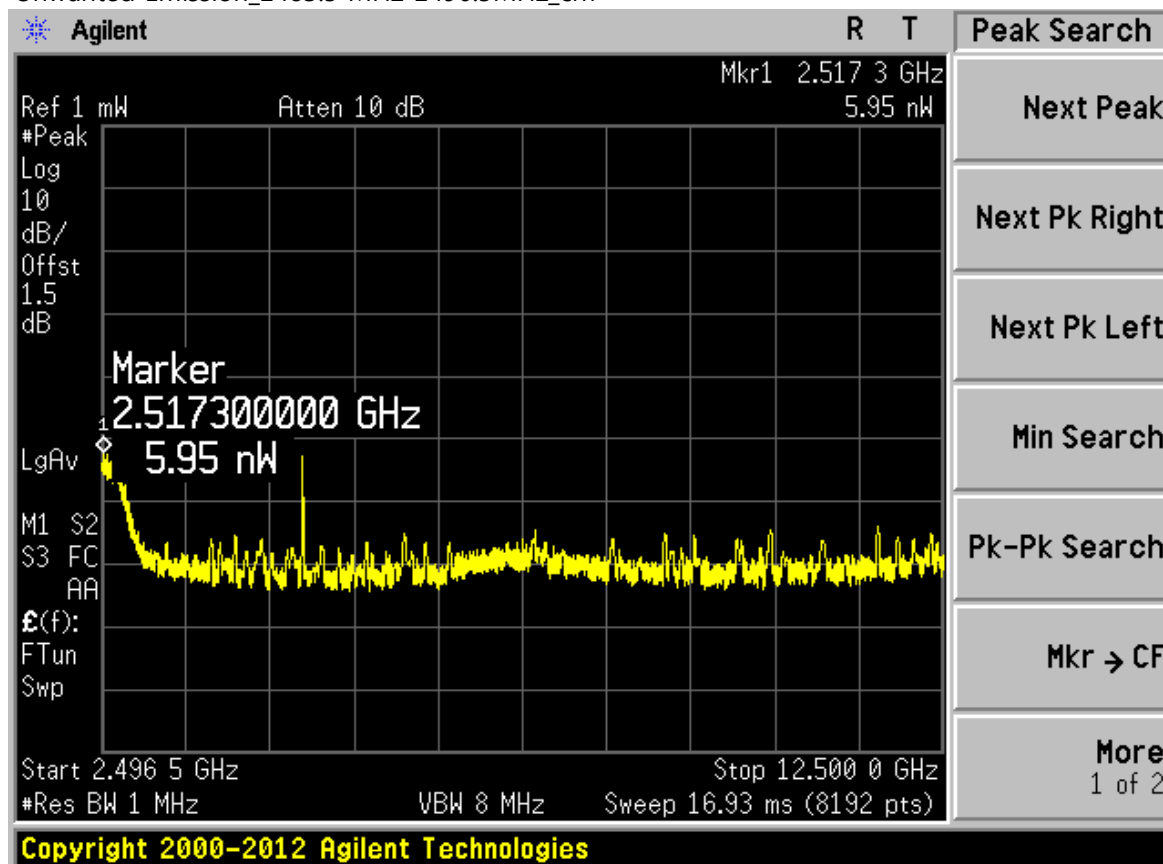
Unwanted Emission_under 2387 MHz_ch7



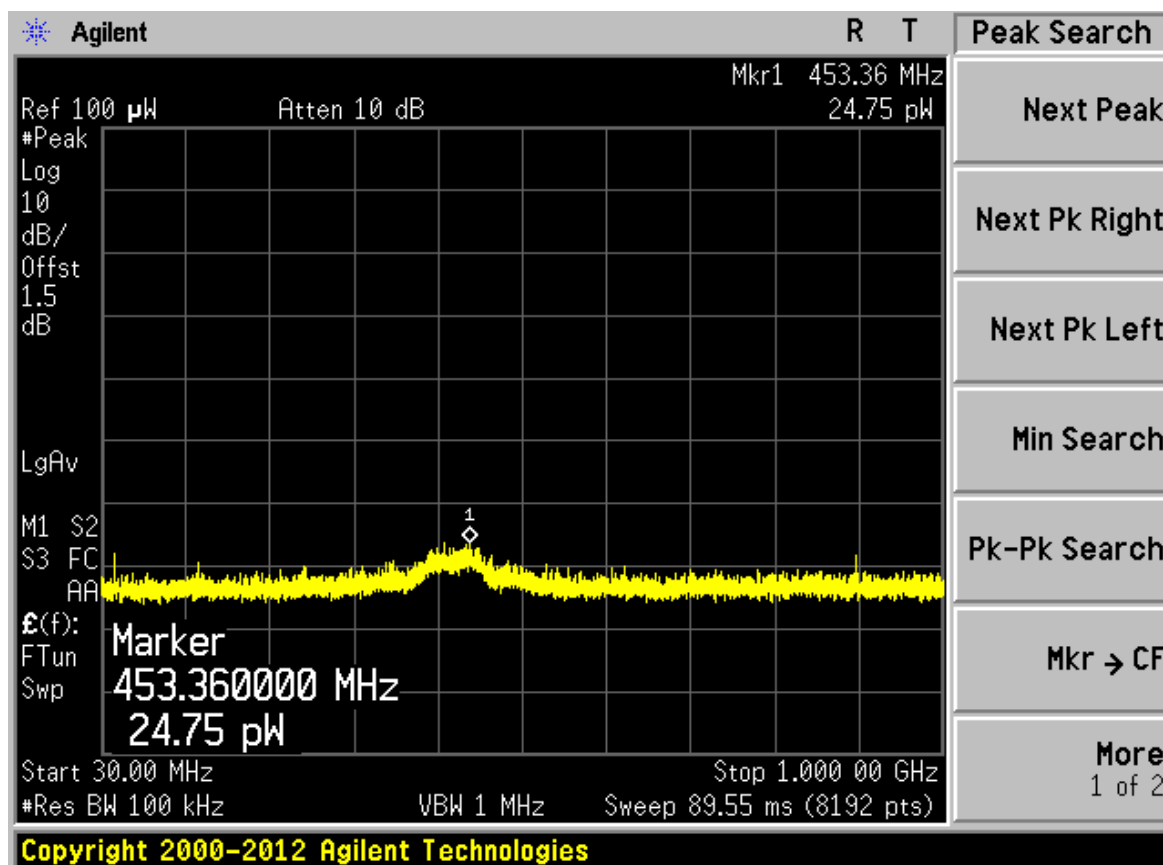
Unwanted Emission_2387 MHz-2400MHz_ch7



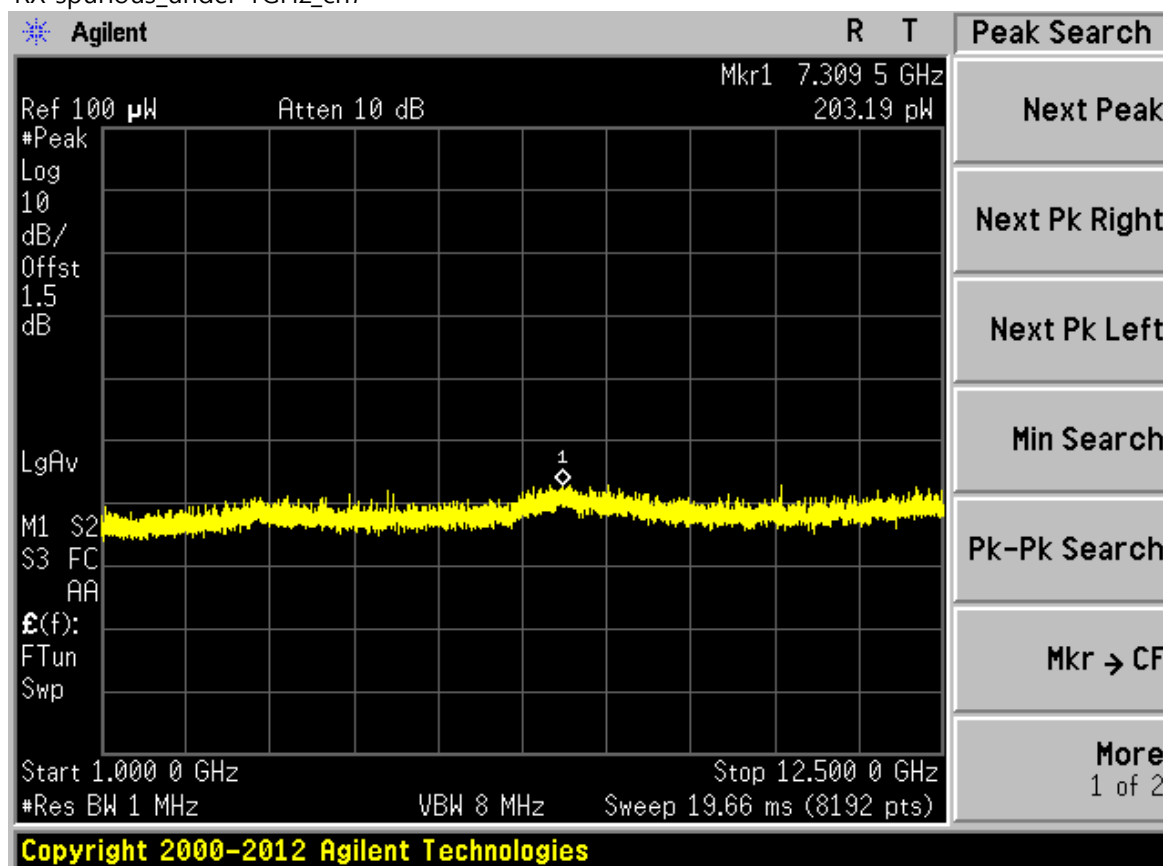
Unwanted Emission_2483.5 MHz-2496.5MHz_ch7



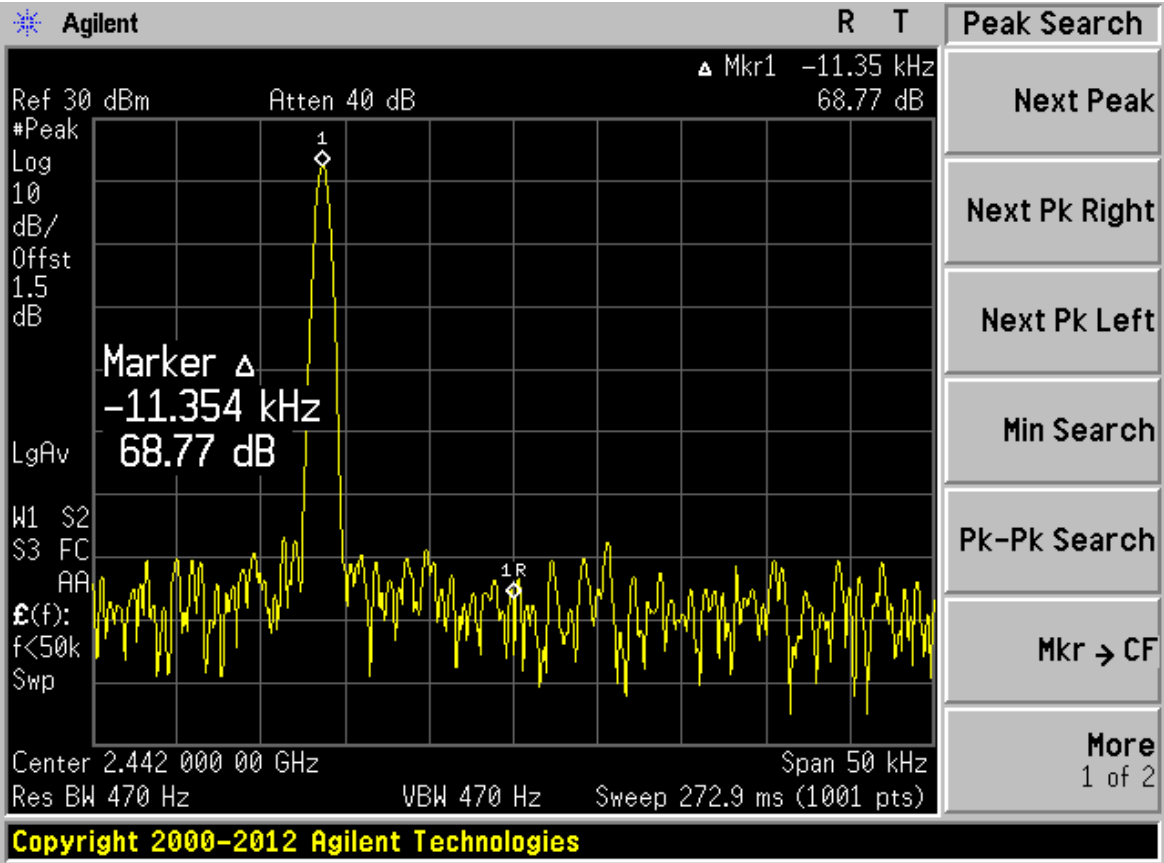
Unwanted Emission_2496.5MHz-12.5GHz_ch7



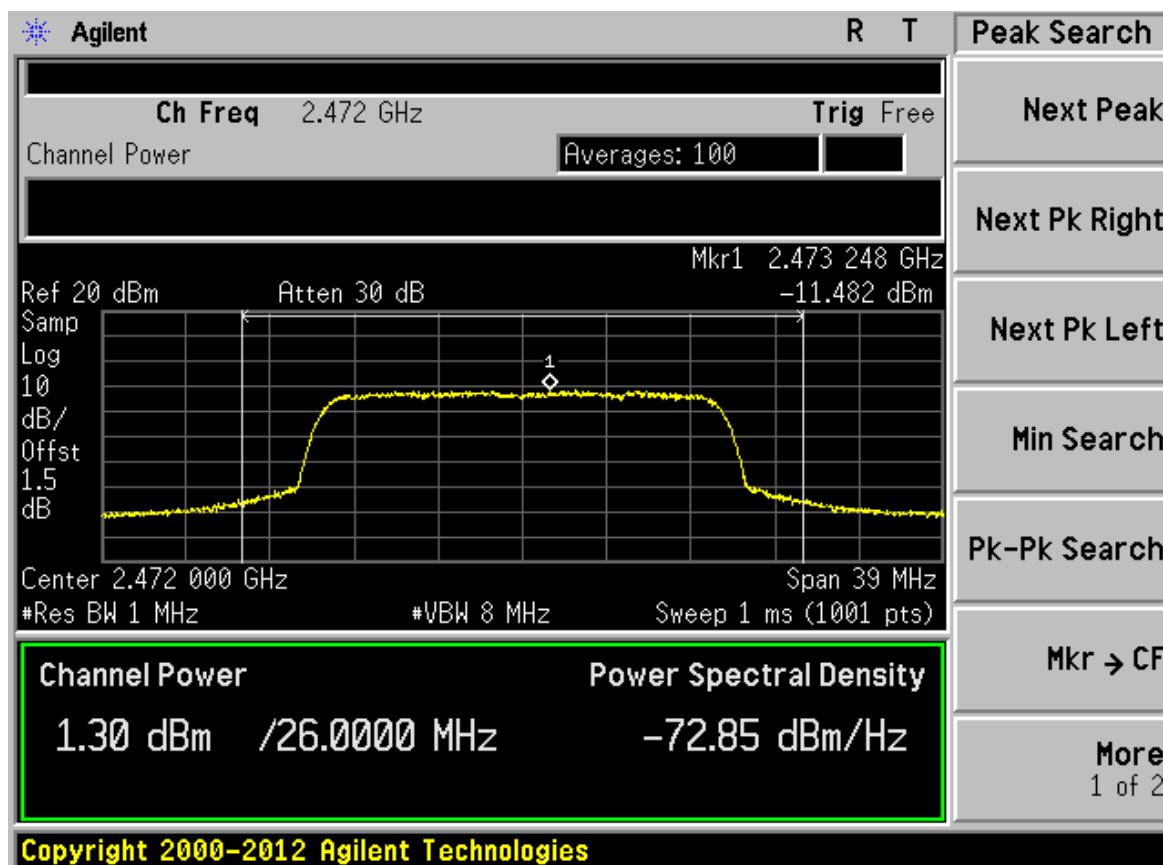
RX spurious_under 1GHz_ch7



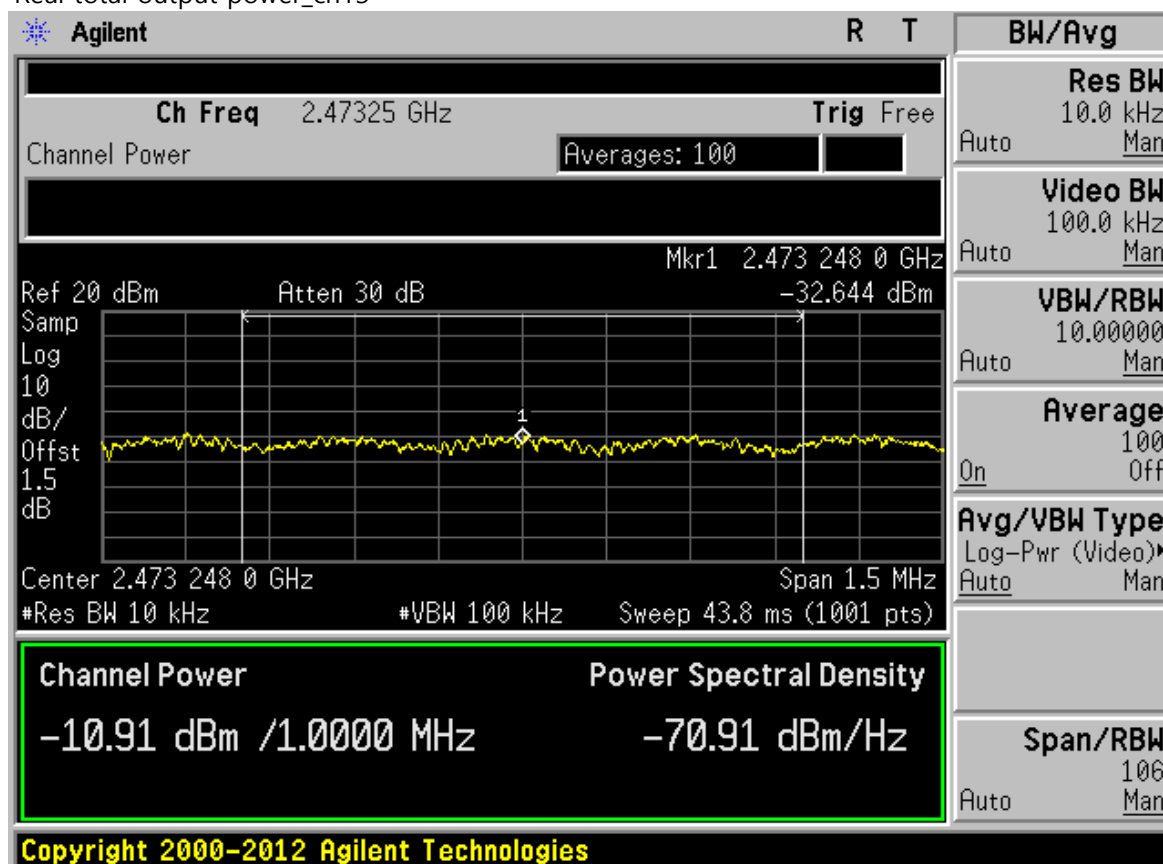
RX spurious_1GHz-12.5GHz_ch7



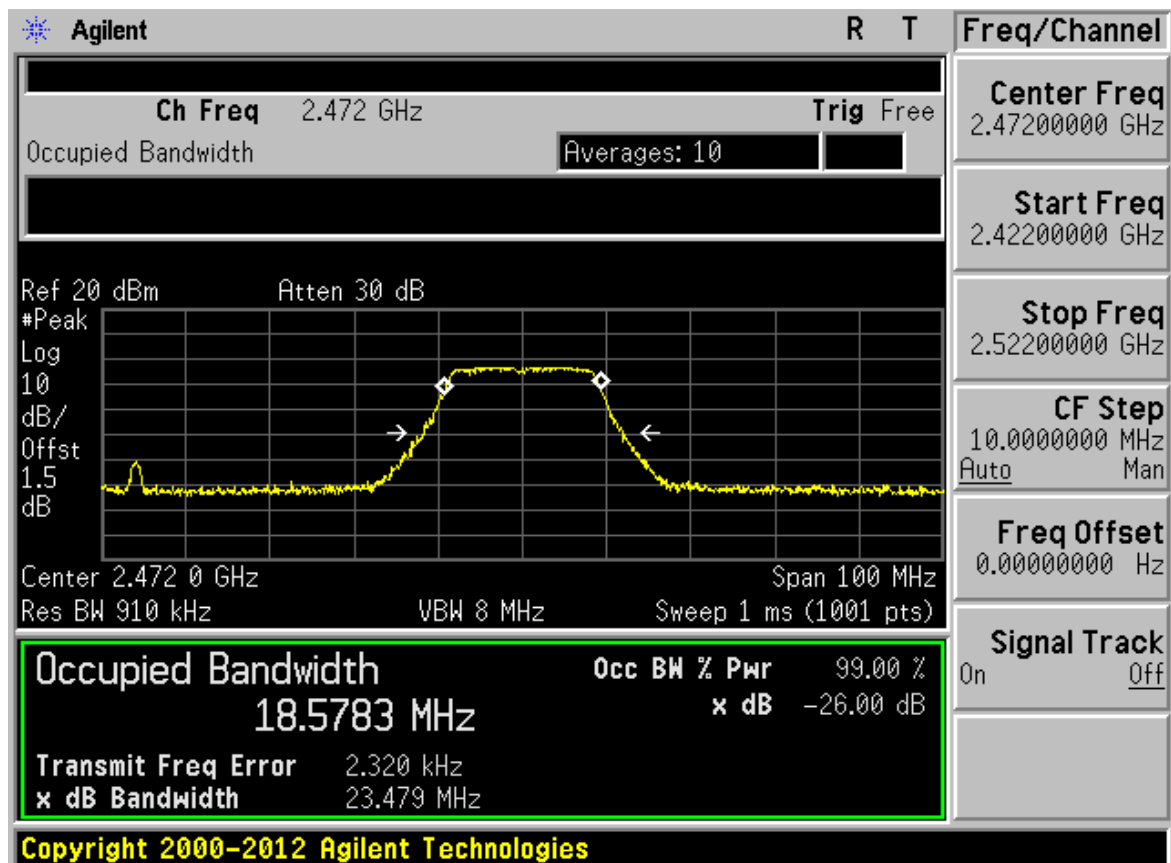
Reading frequency_ch7



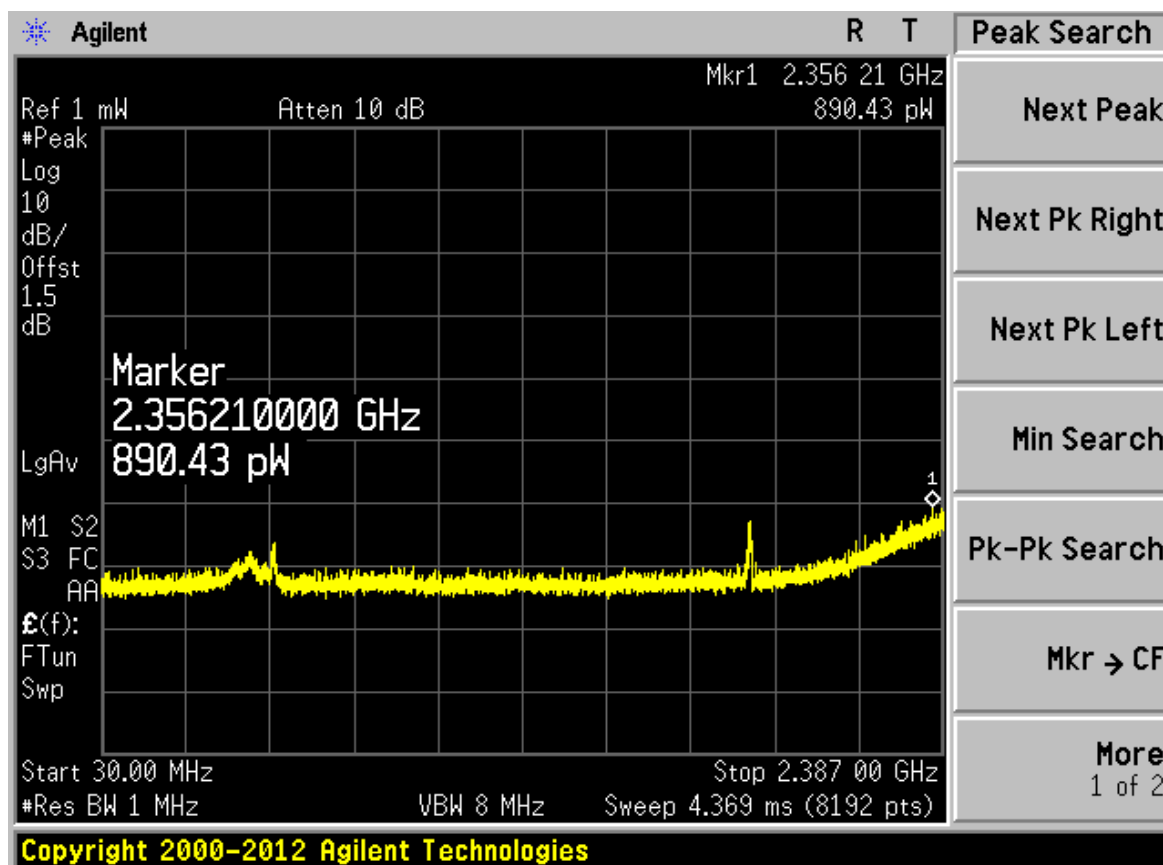
Real total output power_ch13



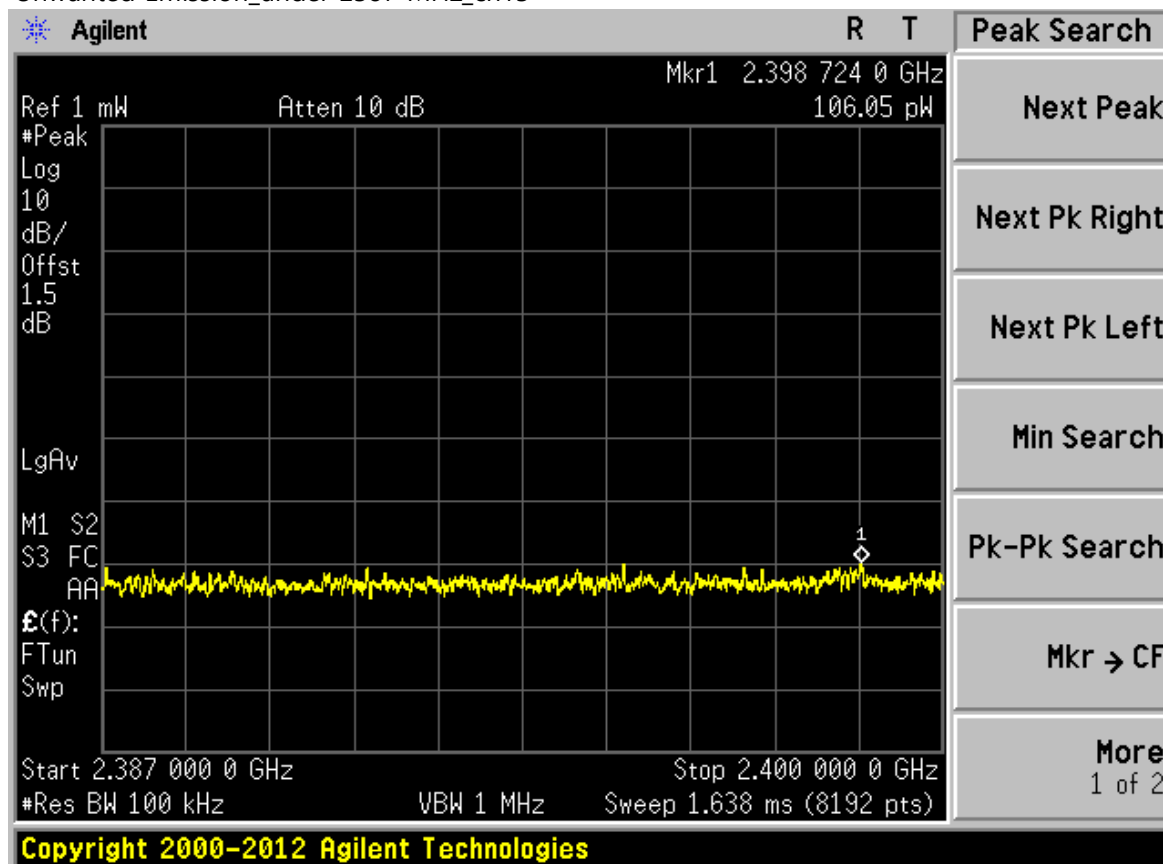
RF output power_ch13



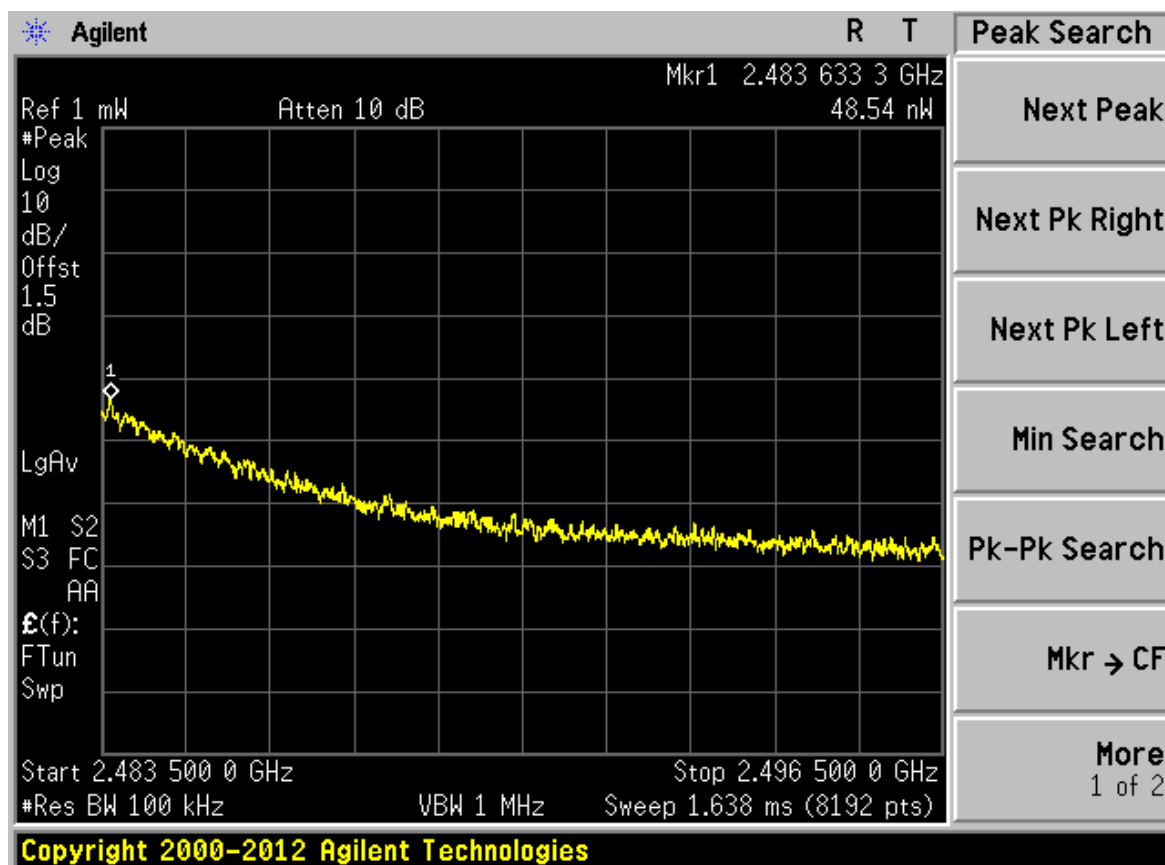
Occupied Bandwidth_ch13



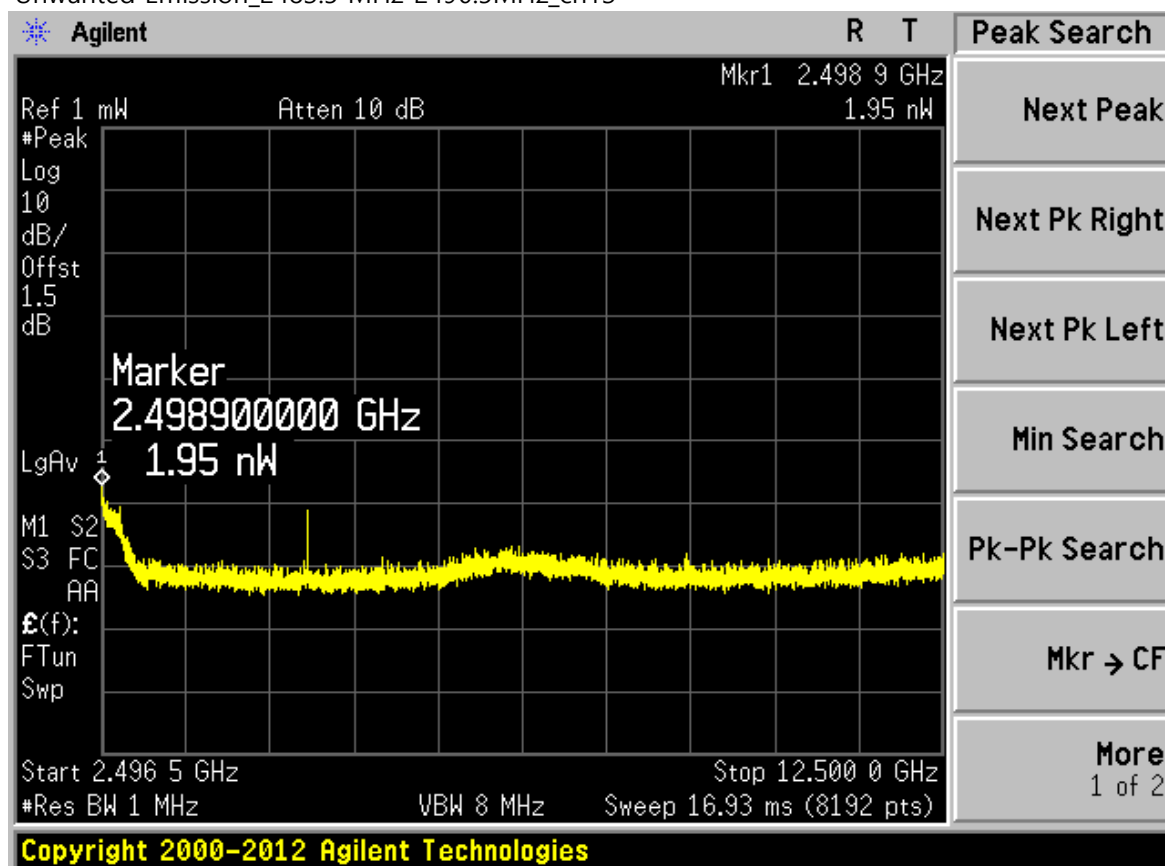
Unwanted Emission_under 2387 MHz_ch13



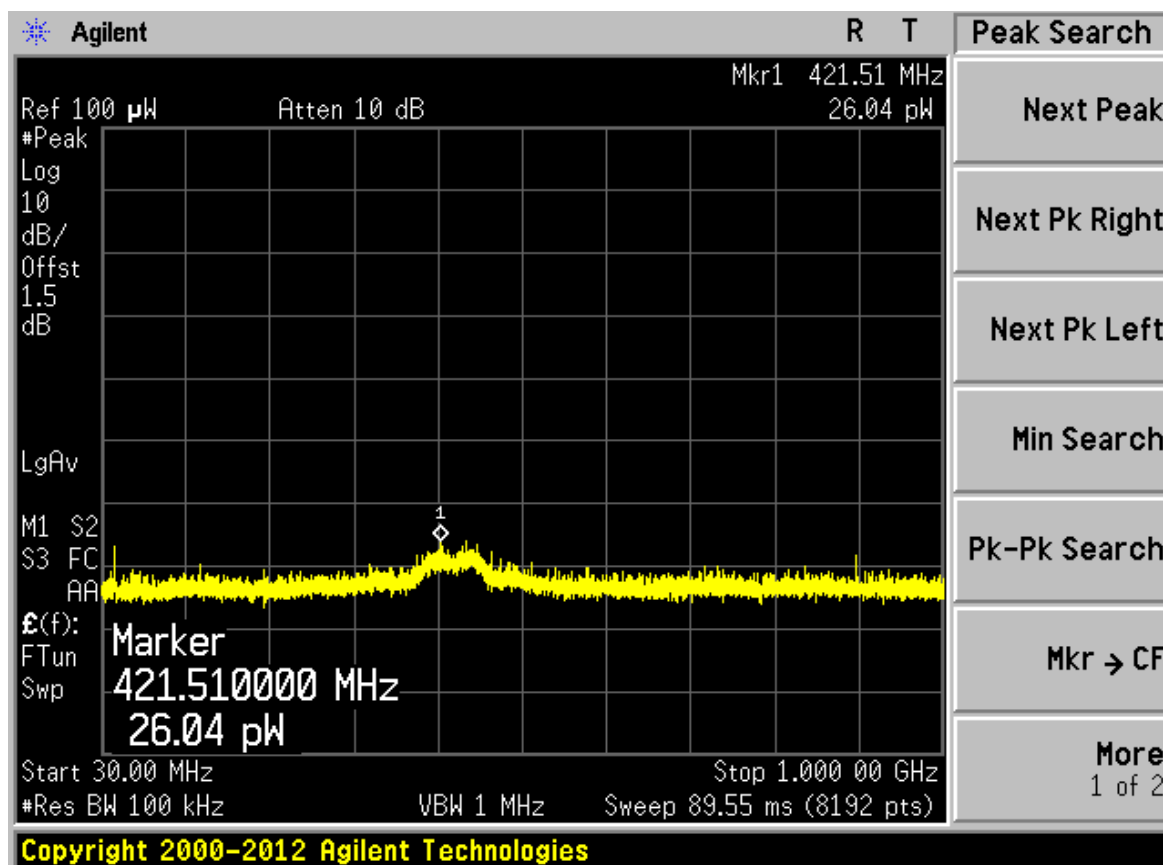
Unwanted Emission_2387 MHz-2400MHz_ch13



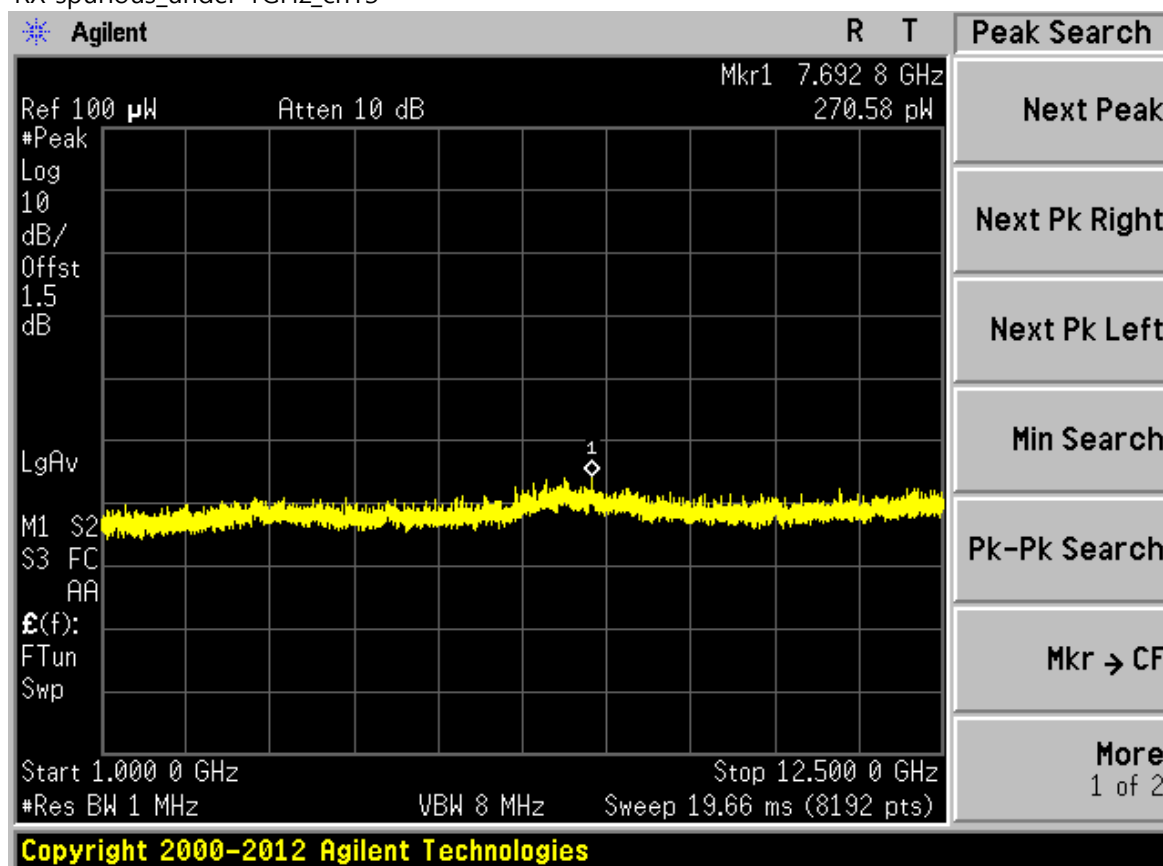
Unwanted Emission_2483.5 MHz-2496.5MHz_ch13



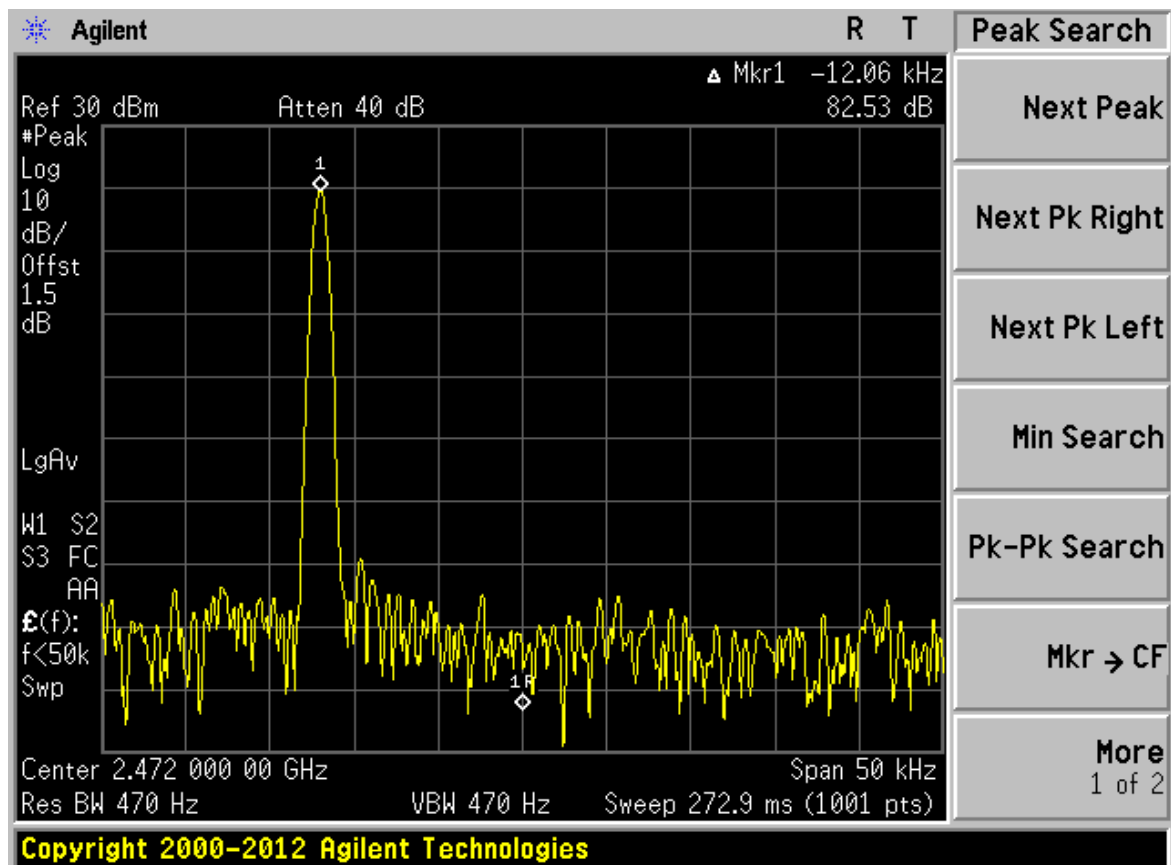
Unwanted Emission_2496.5MHz-12.5GHz_ch13



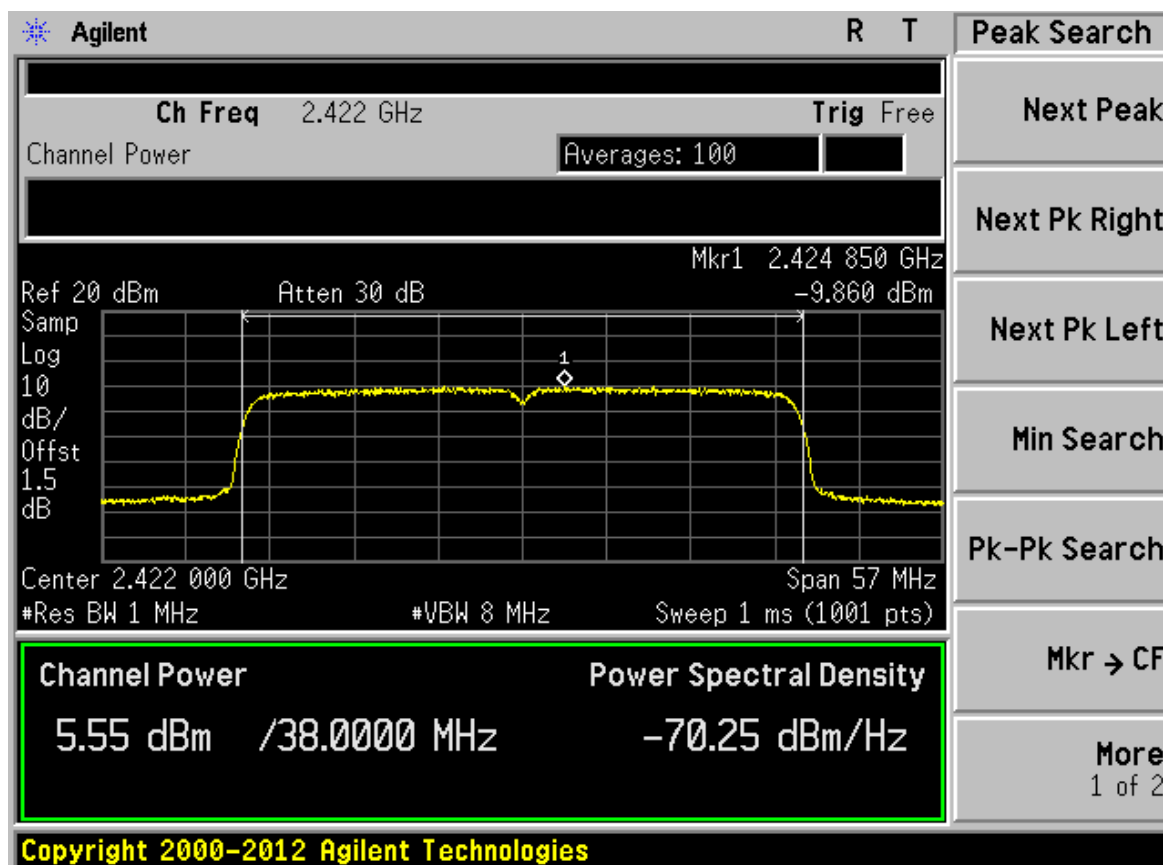
RX spurious_under 1GHz_ch13



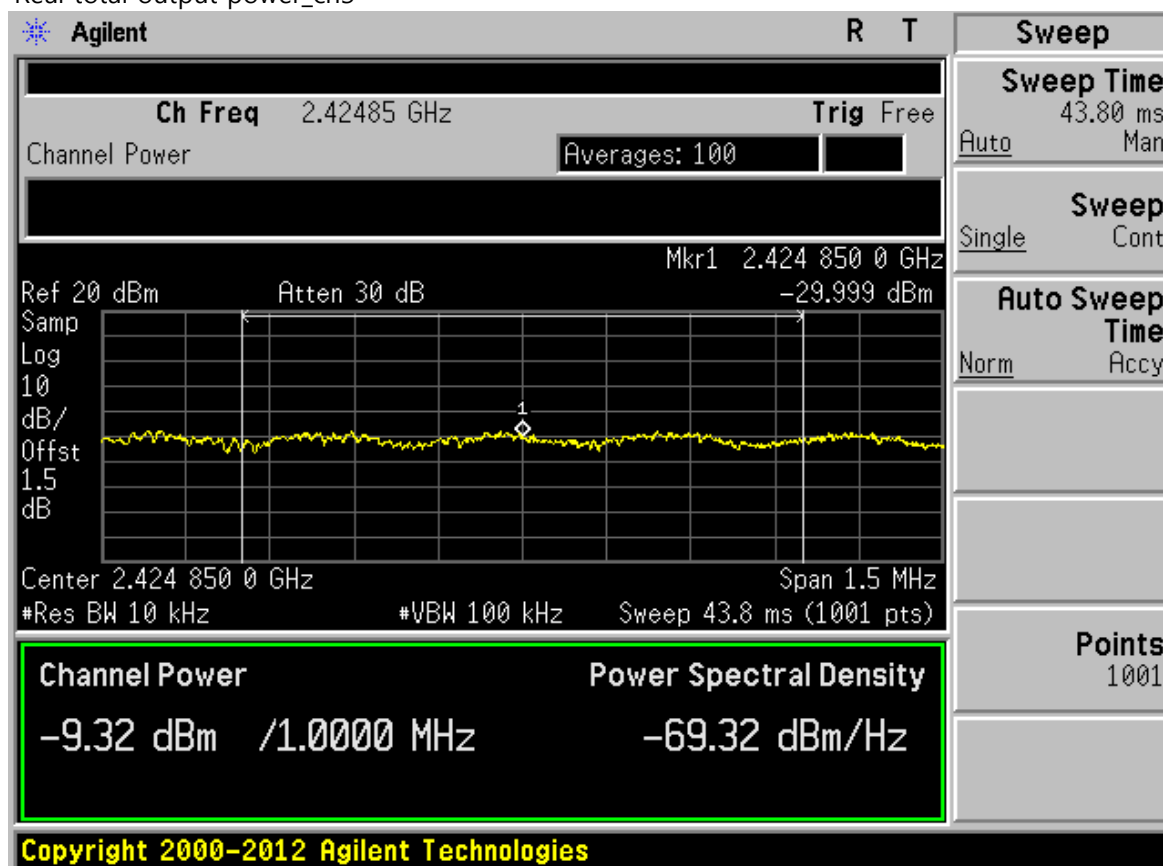
RX spurious_1GHz-12.5GHz_ch13



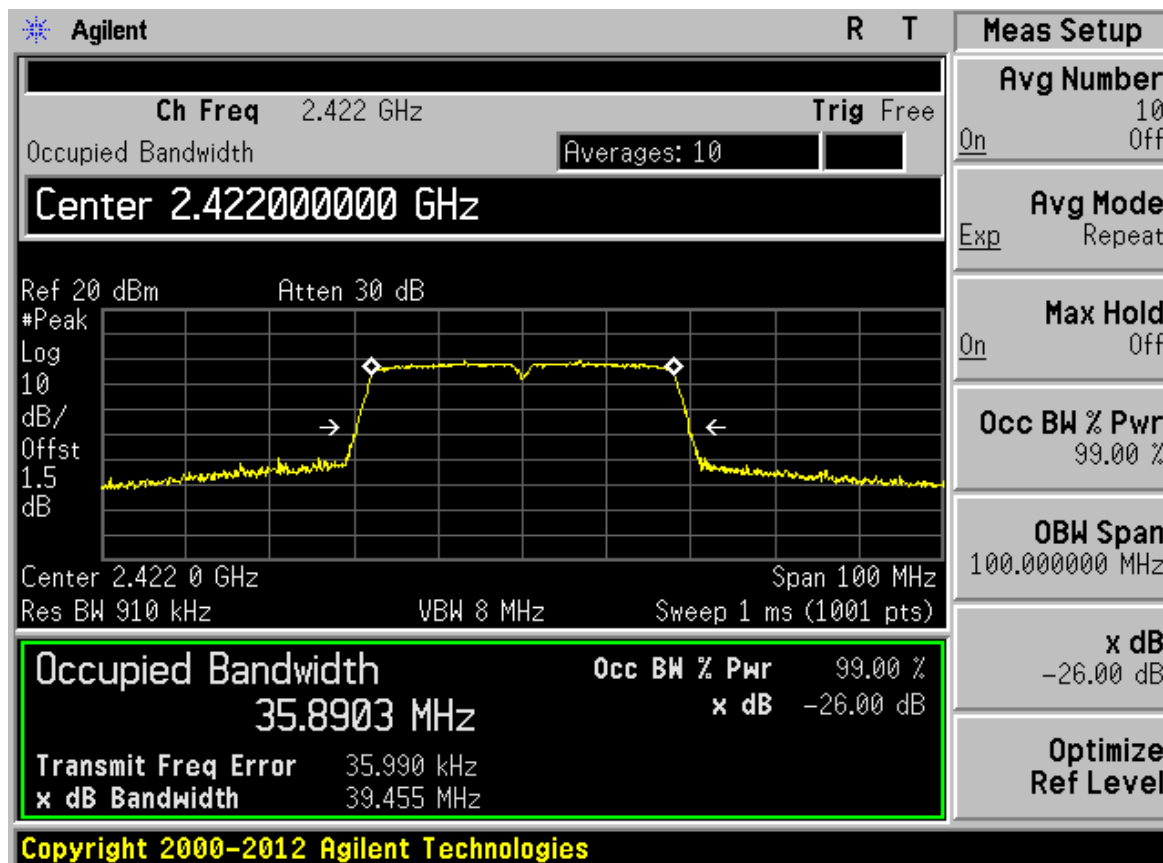
Reading frequency_ch13



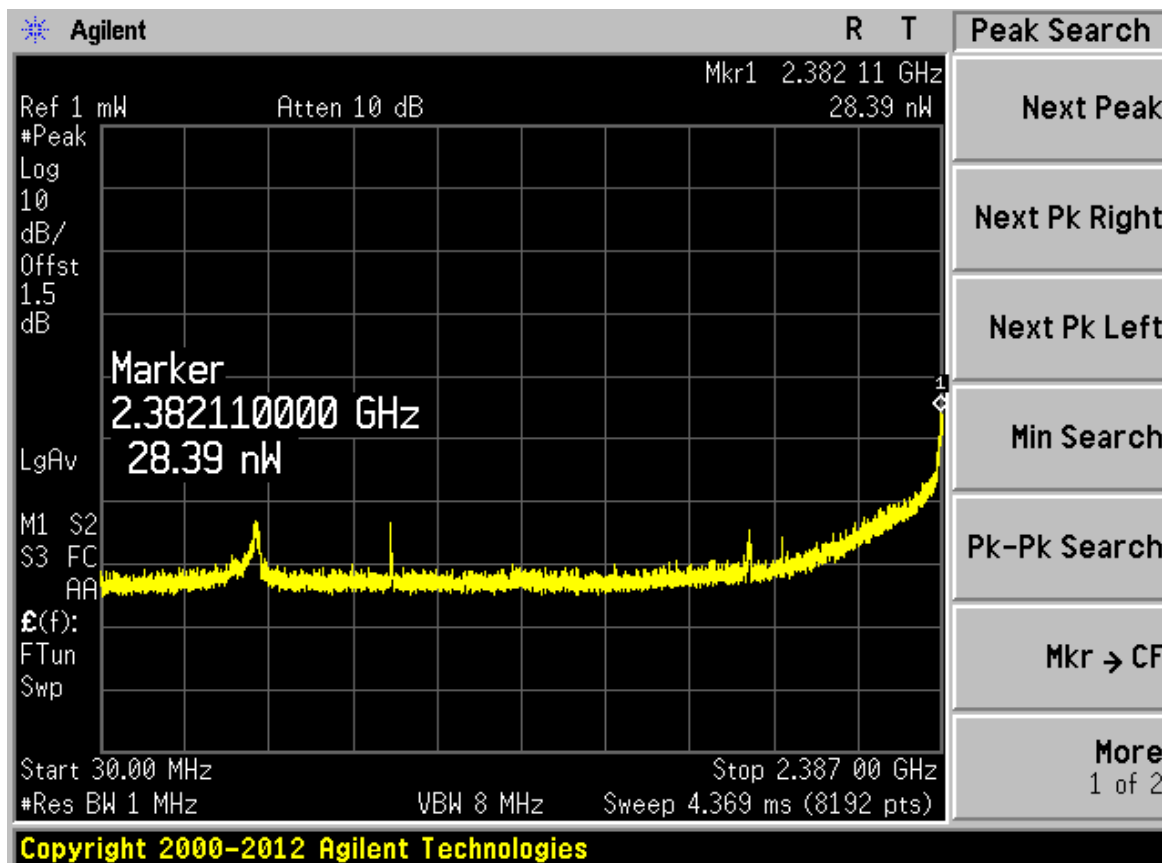
Real total output power_ch3



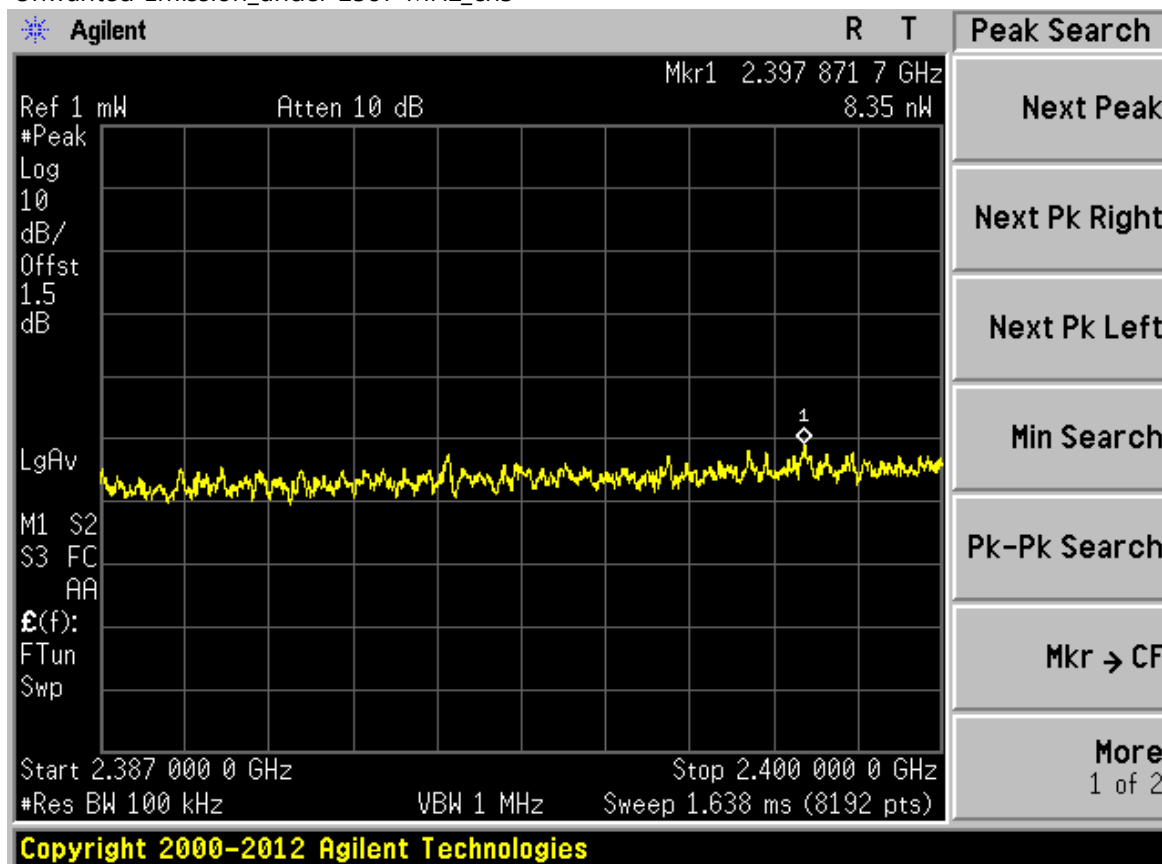
RF output power_ch3



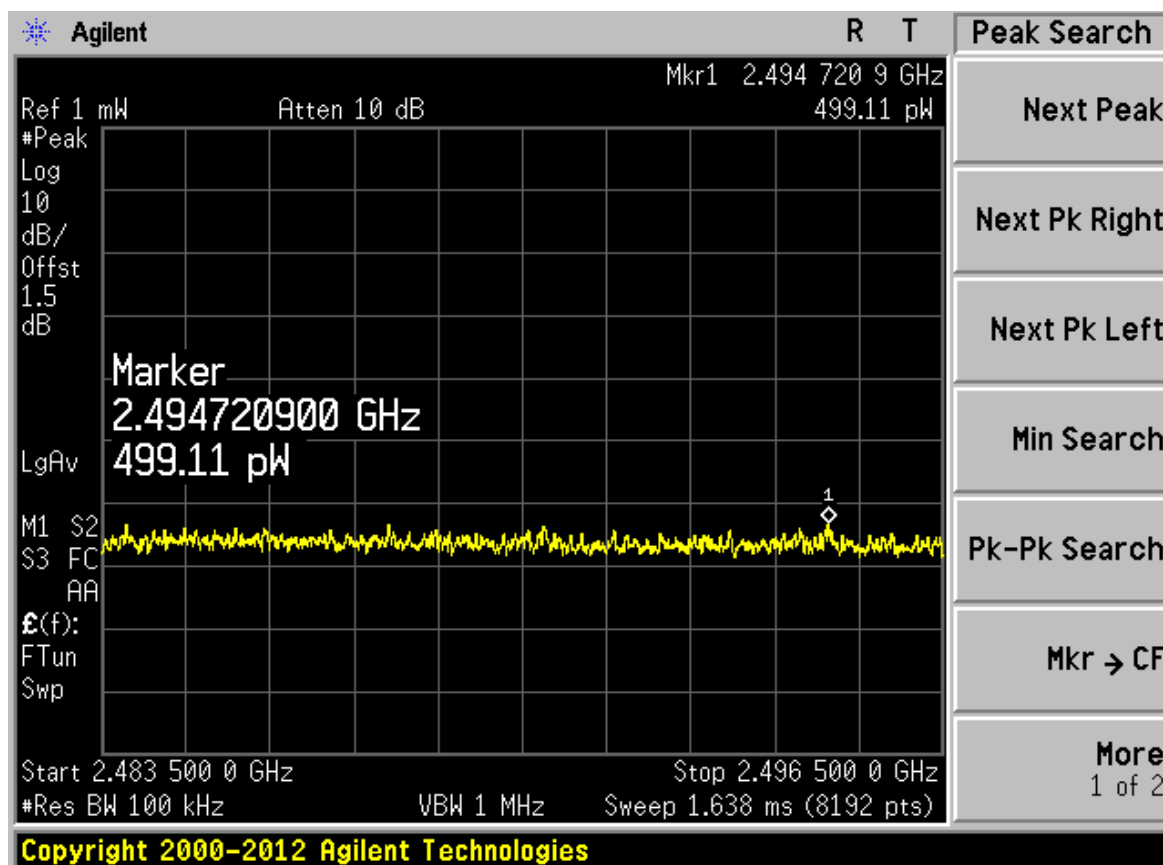
Occupied Bandwidth_ch3



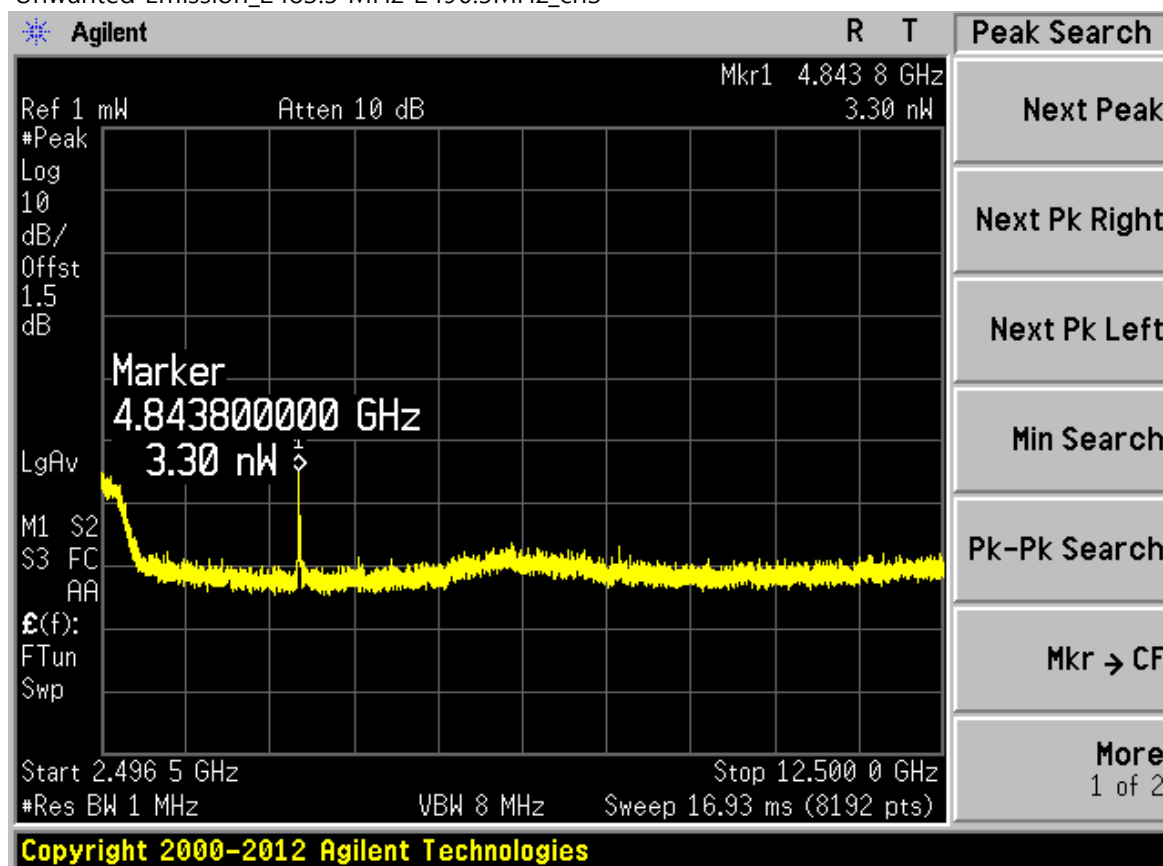
Unwanted Emission_under 2387 MHz_ch3



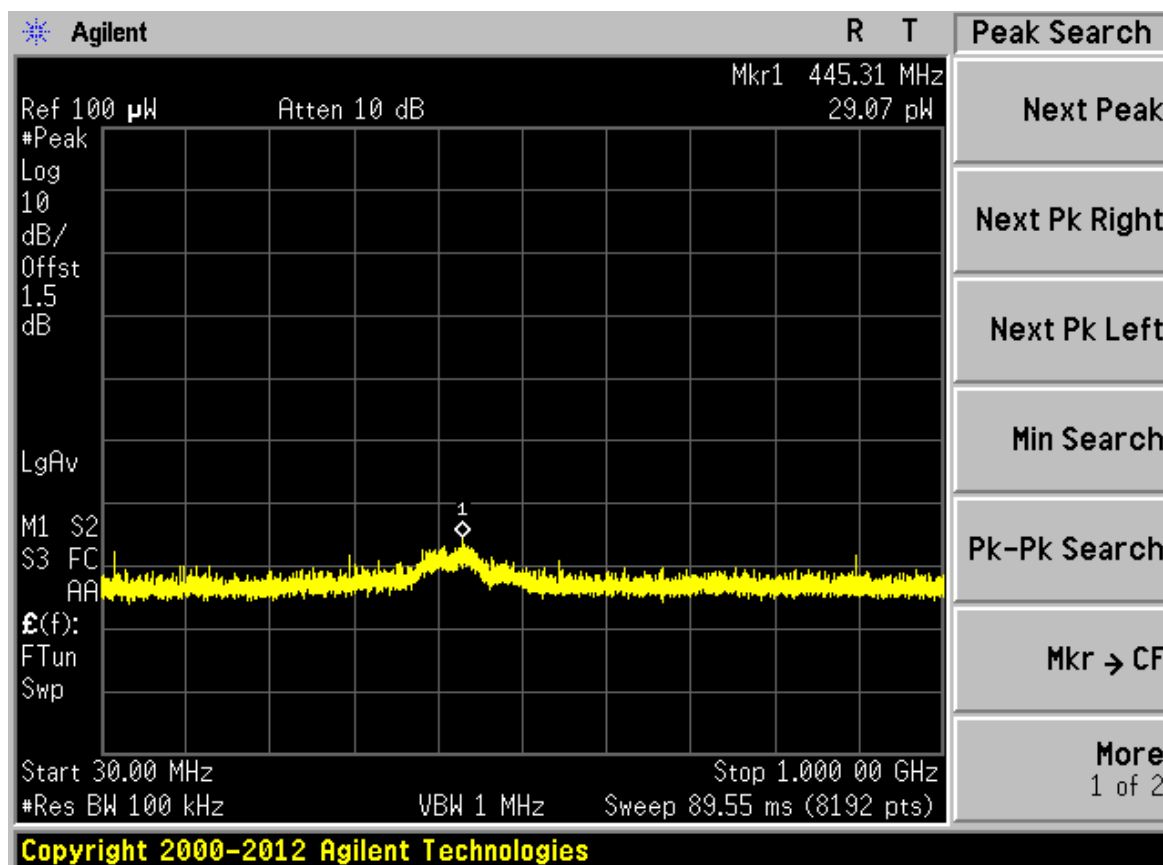
Unwanted Emission_2387 MHz-2400MHz_ch3



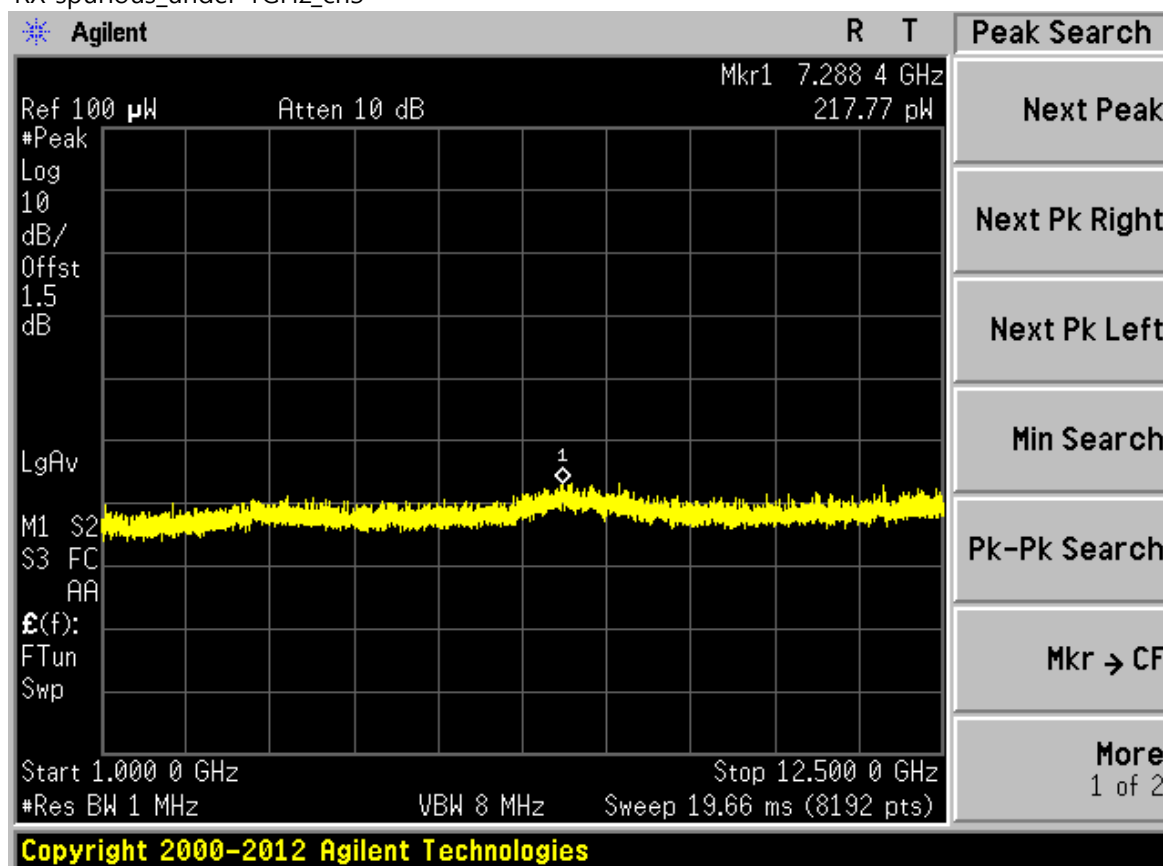
Unwanted Emission_2483.5 MHz-2496.5MHz_ch3



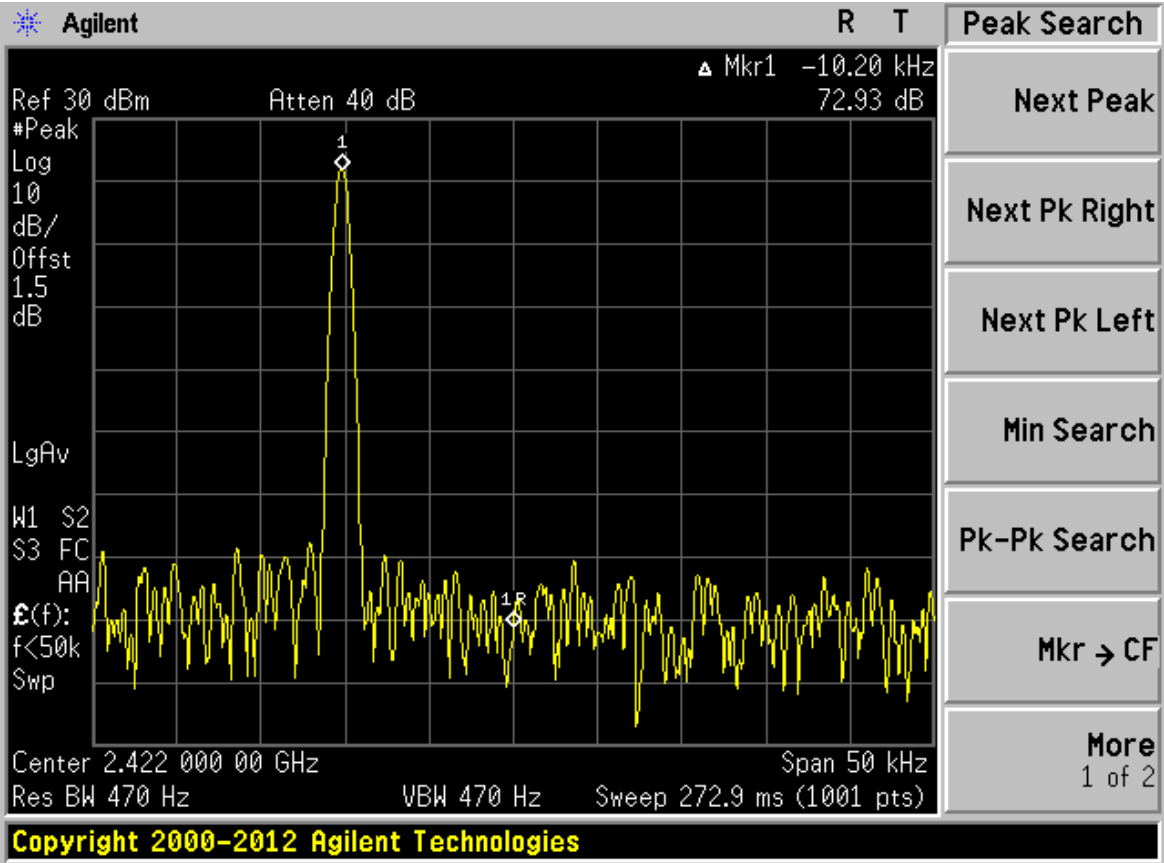
Unwanted Emission_2496.5MHz-12.5GHz_ch3



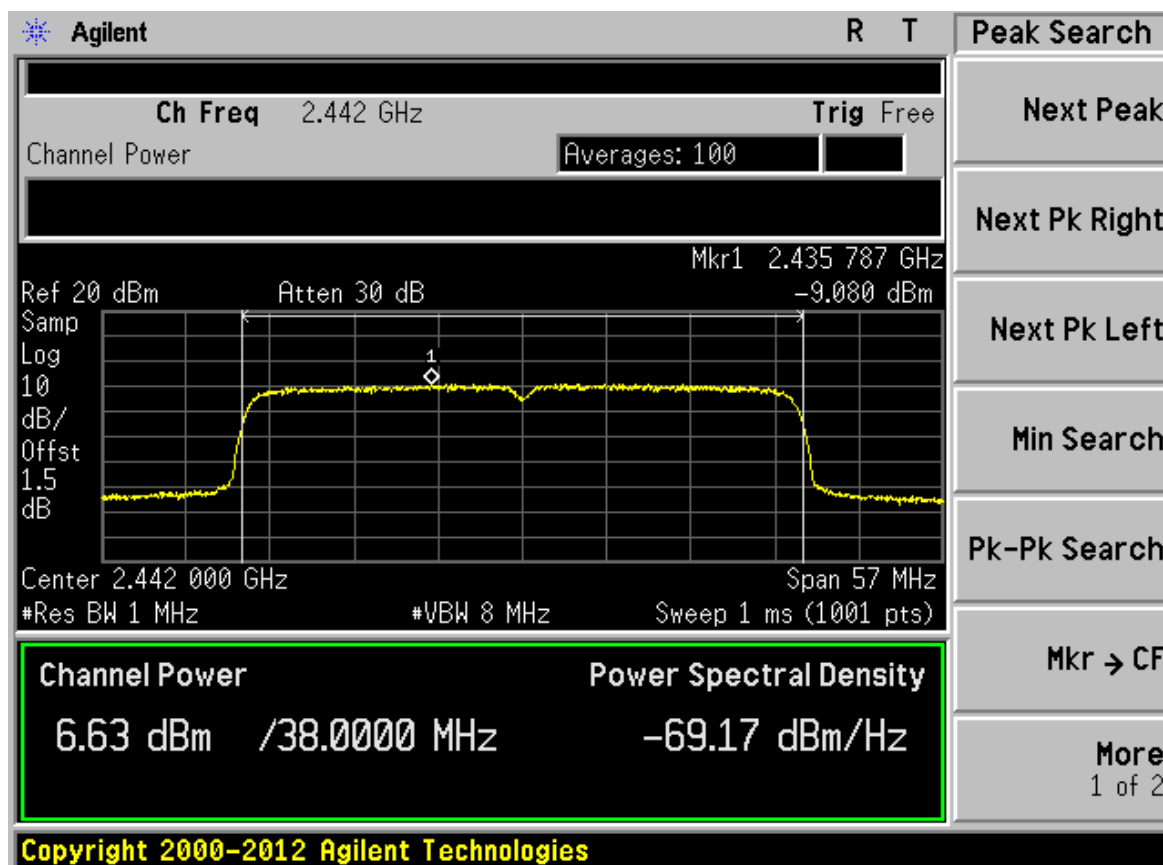
RX spurious_under 1GHz_ch3



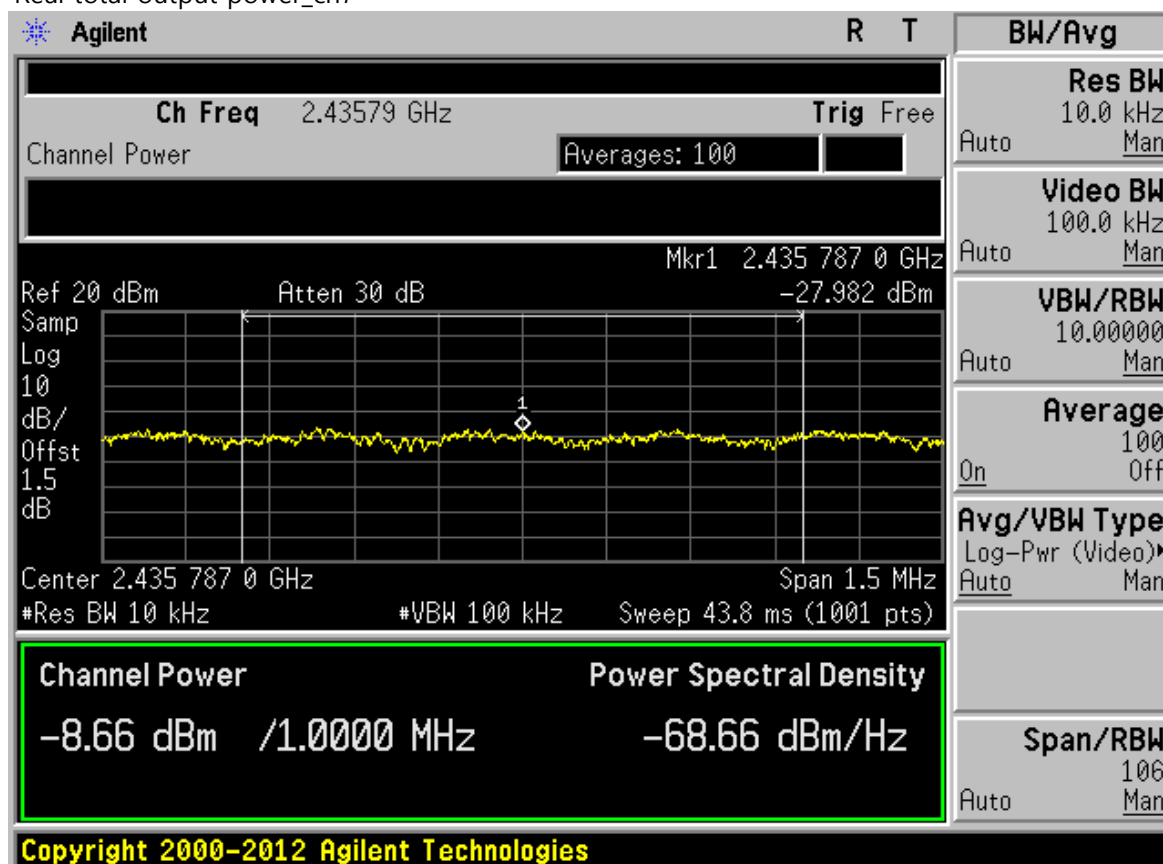
RX spurious_1GHz-12.5GHz_ch3



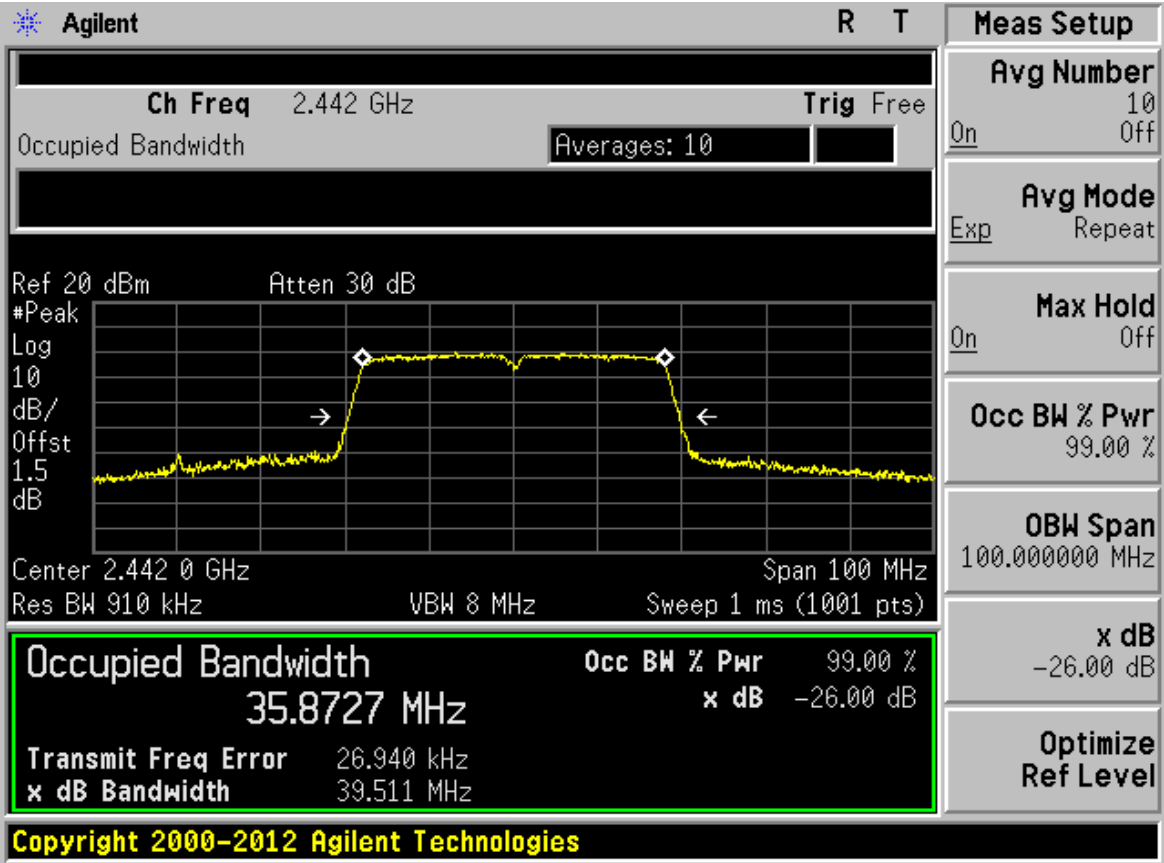
Reading frequency_ch3



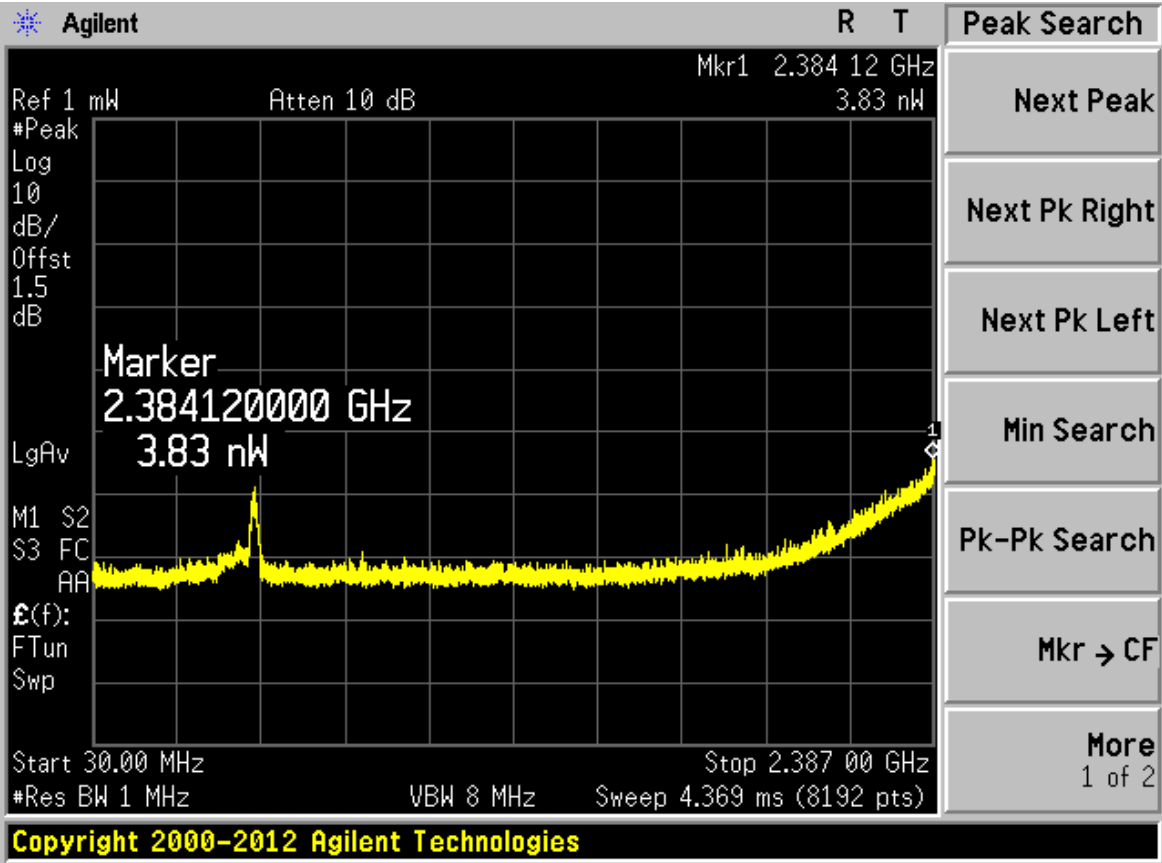
Real total output power_ch7



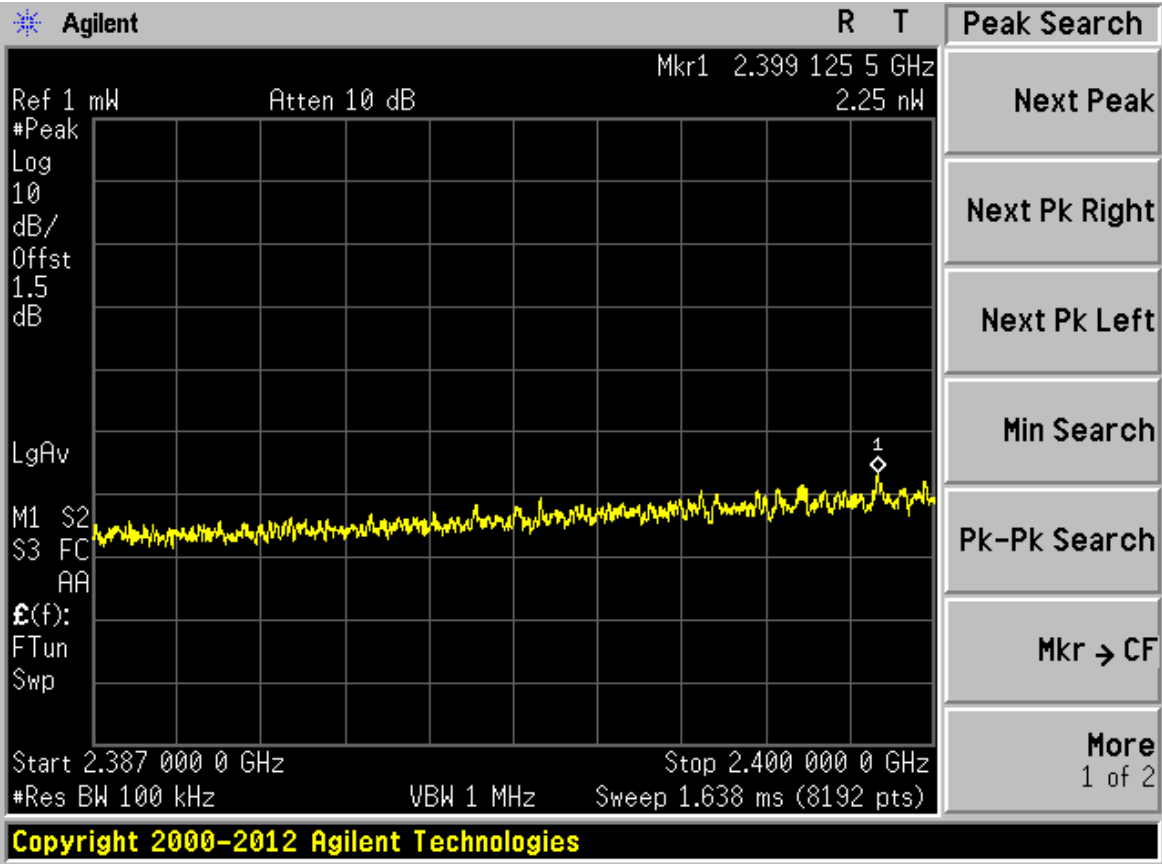
RF output power_ch7



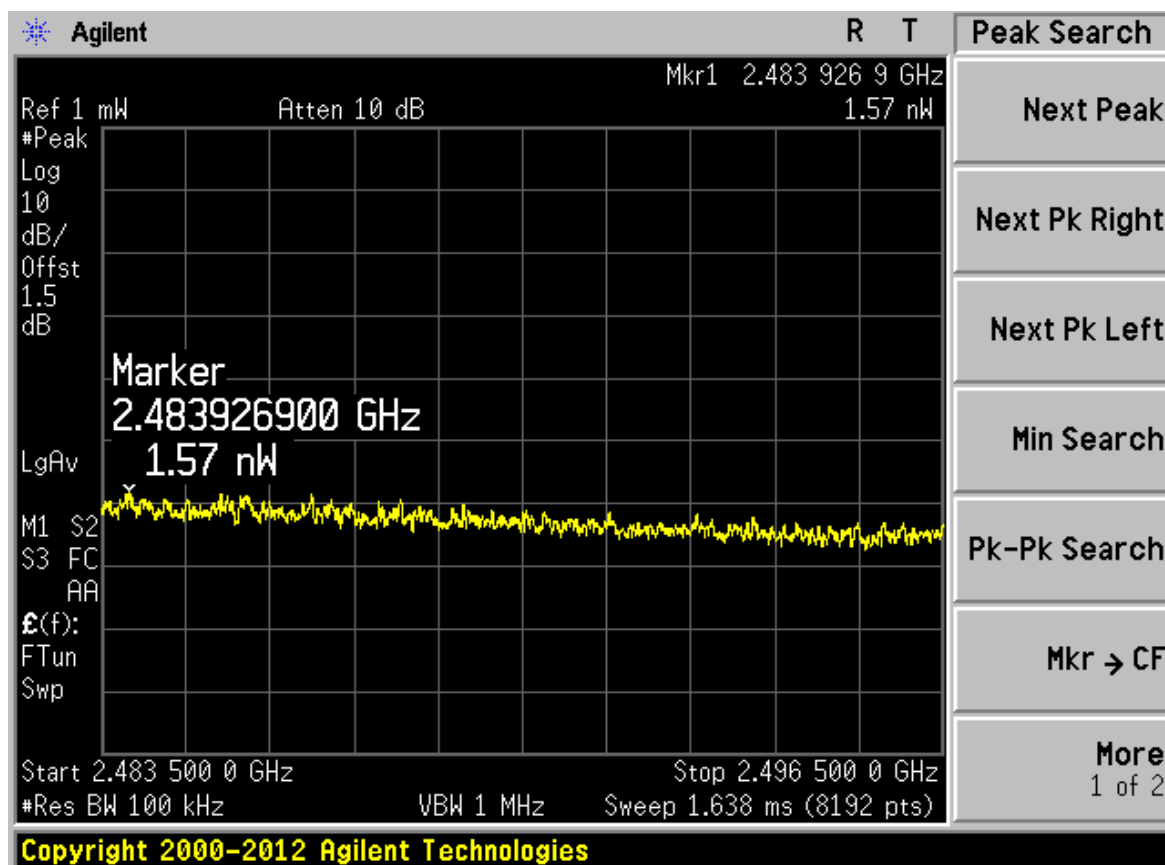
Occupied Bandwidth_ch7



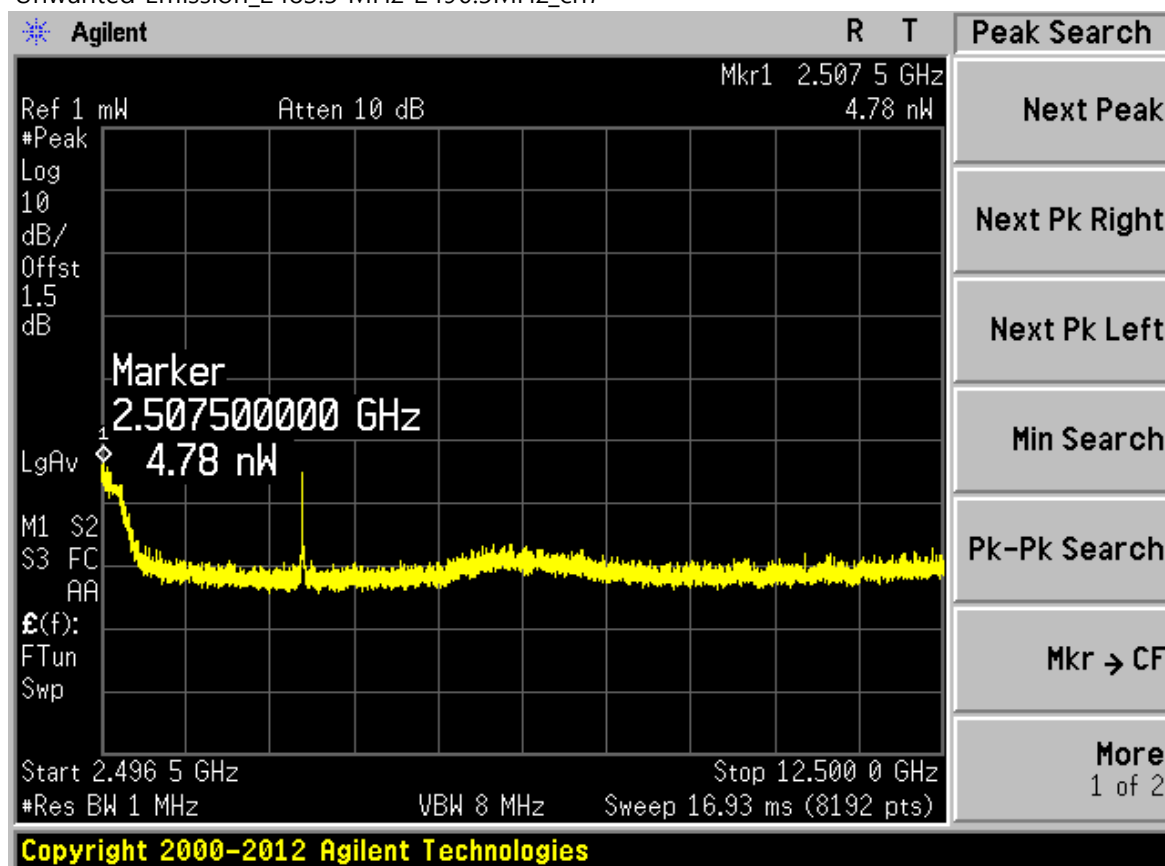
Unwanted Emission_under 2387 MHz_ch7



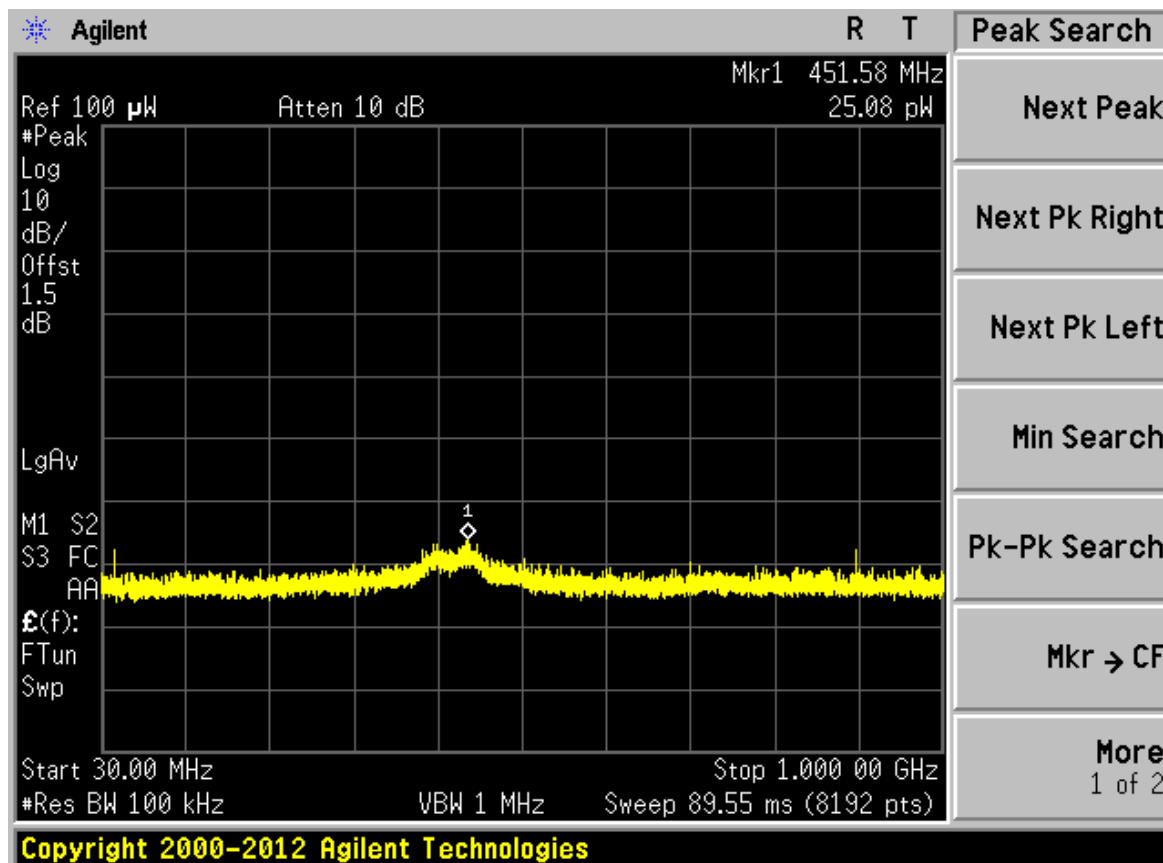
Unwanted Emission_2387 MHz-2400MHz_ch7



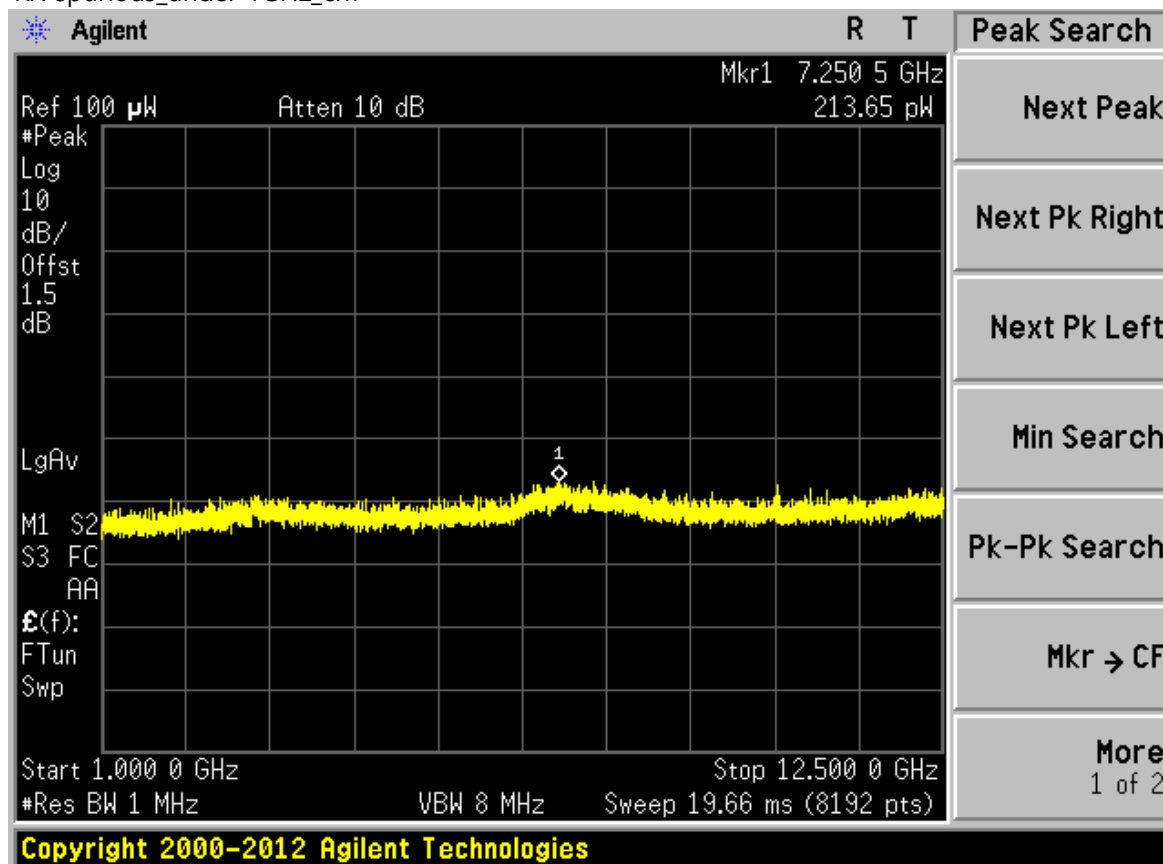
Unwanted Emission_2483.5 MHz-2496.5MHz_ch7



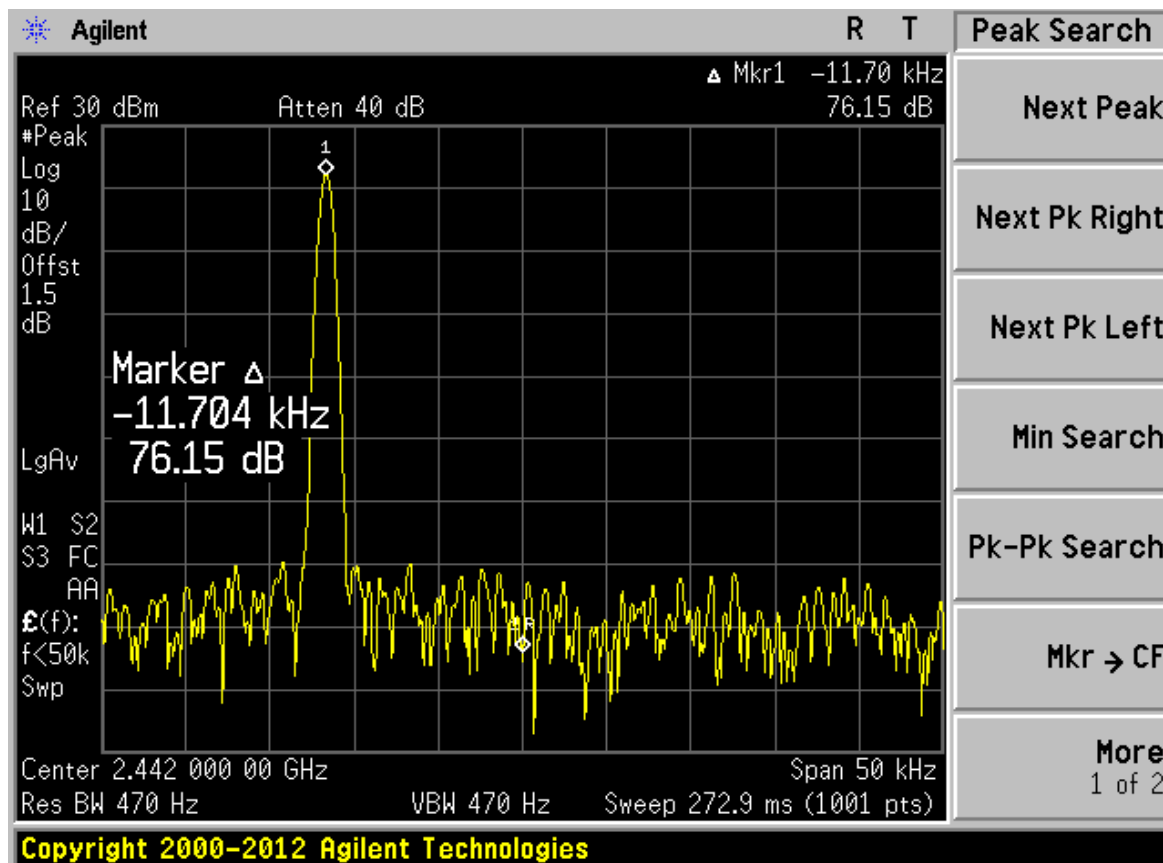
Unwanted Emission_2496.5MHz-12.5GHz_ch7



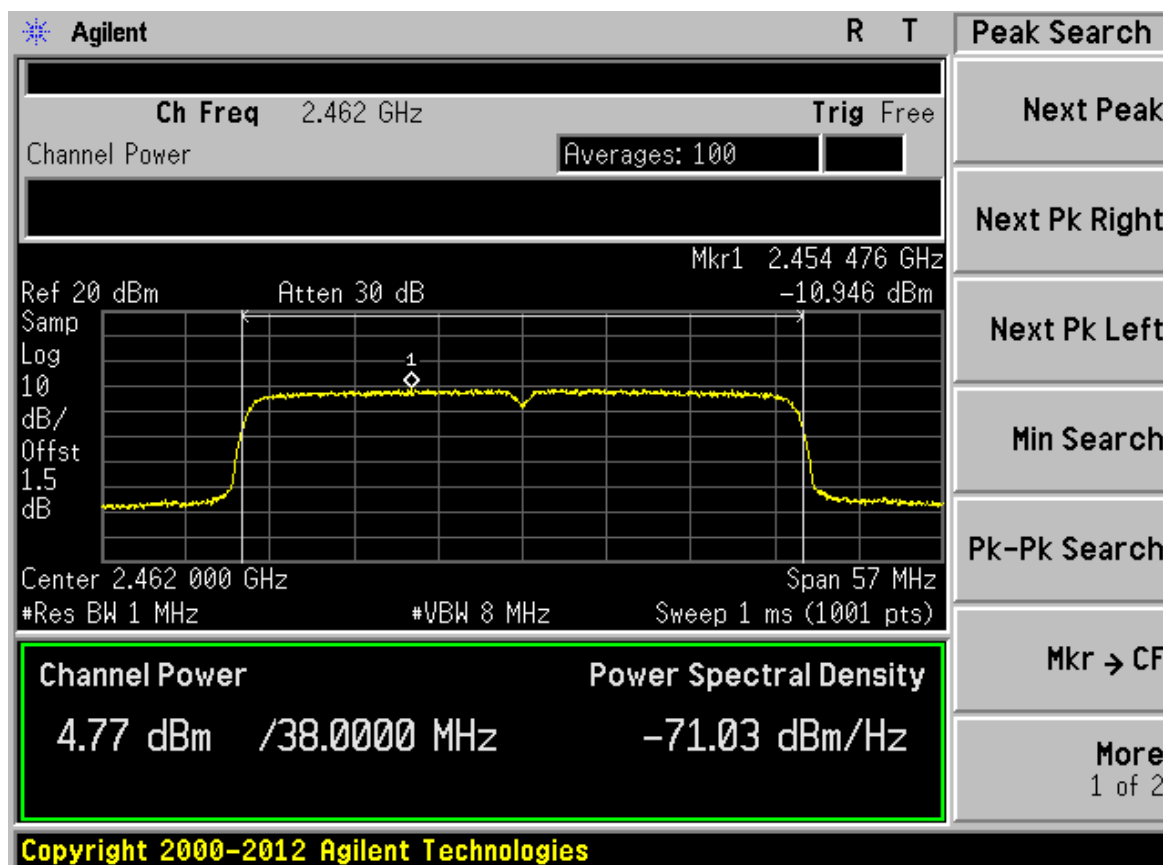
RX spurious_under 1GHz_ch7



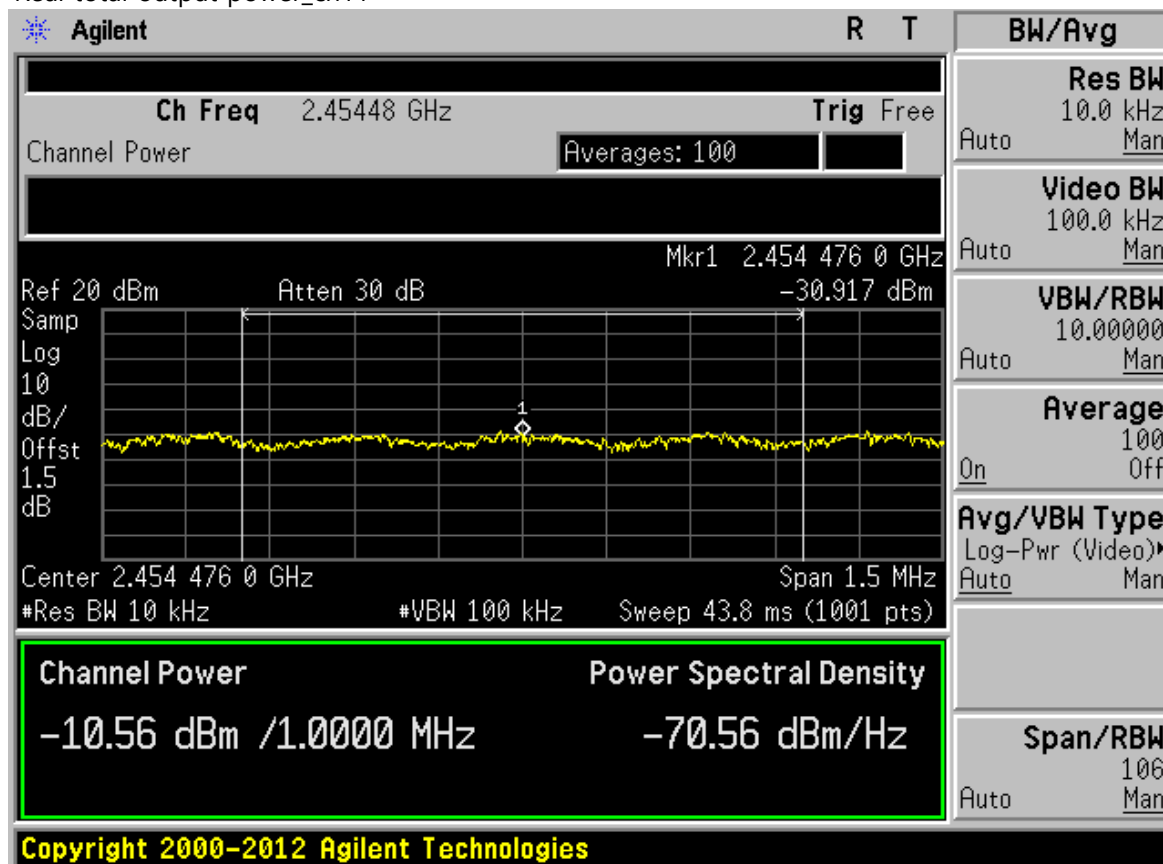
RX spurious_1GHz-12.5GHz_ch7



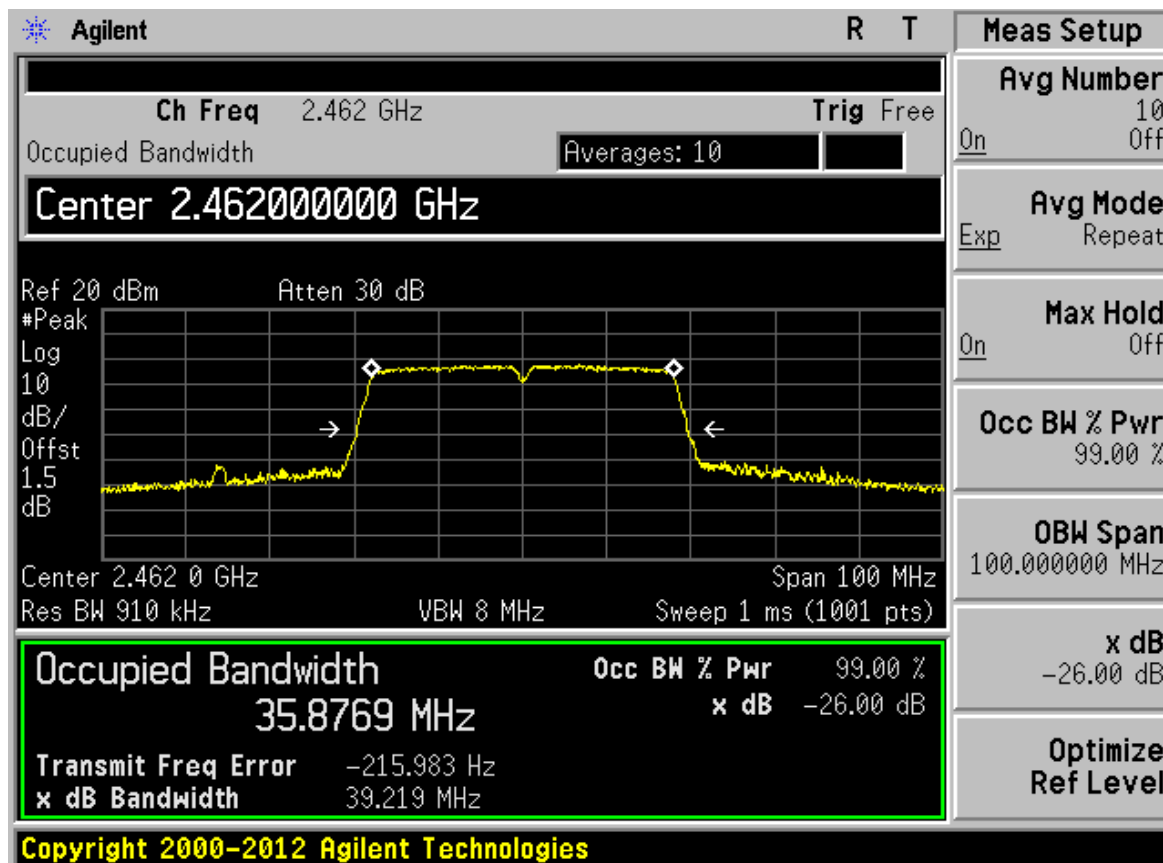
Reading frequency_ch7



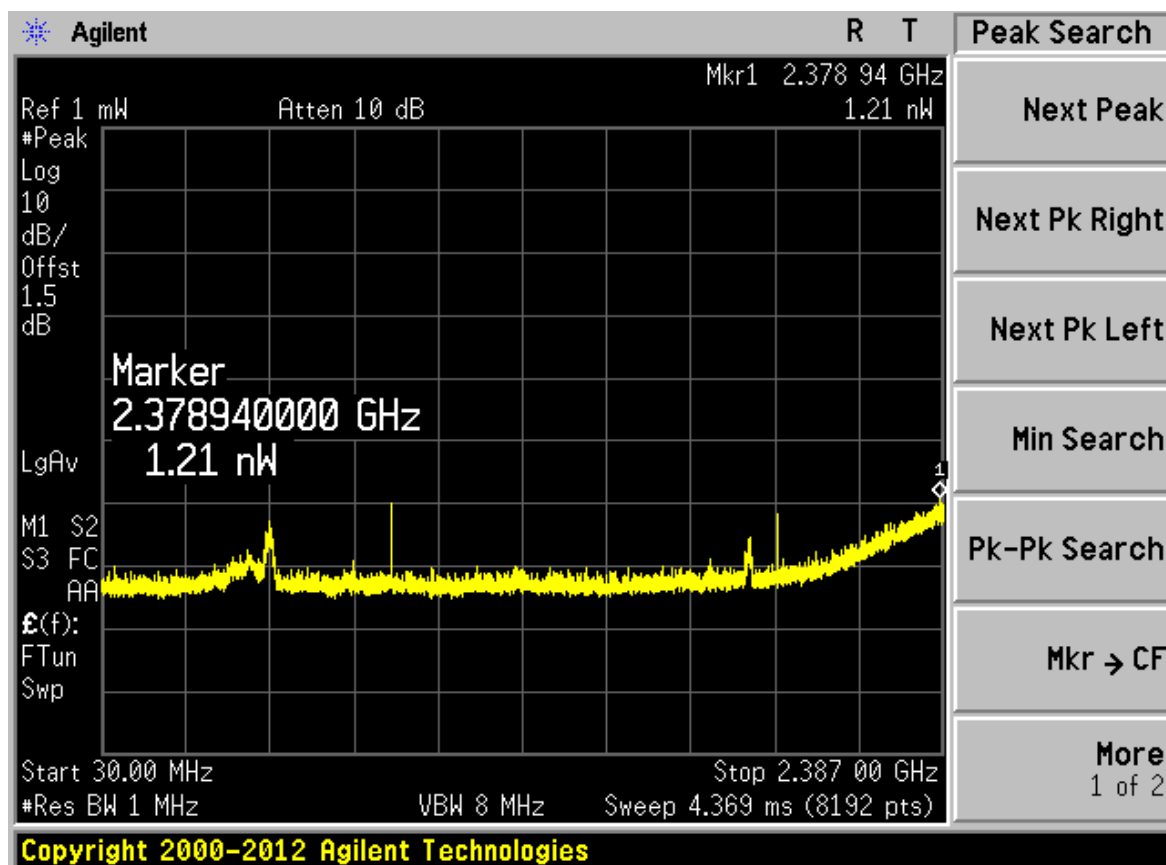
Real total output power_ch11



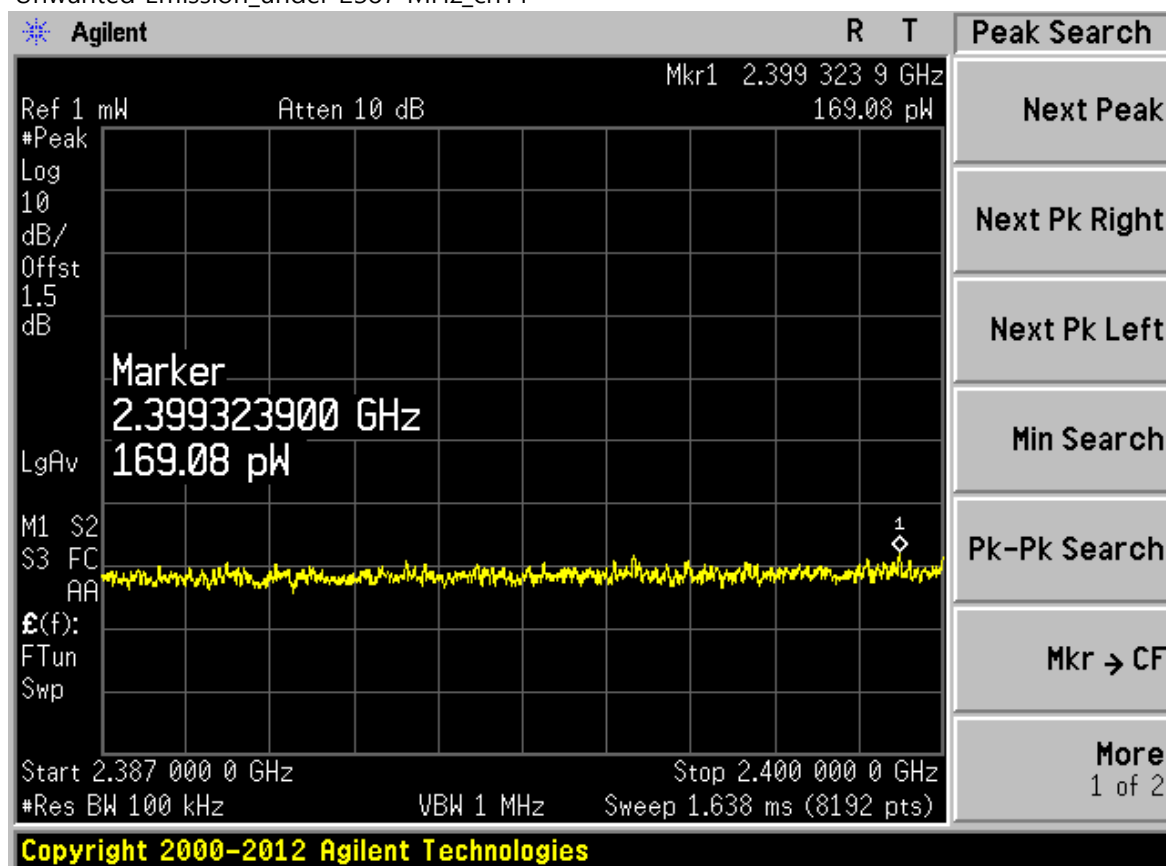
RF output power_ch11



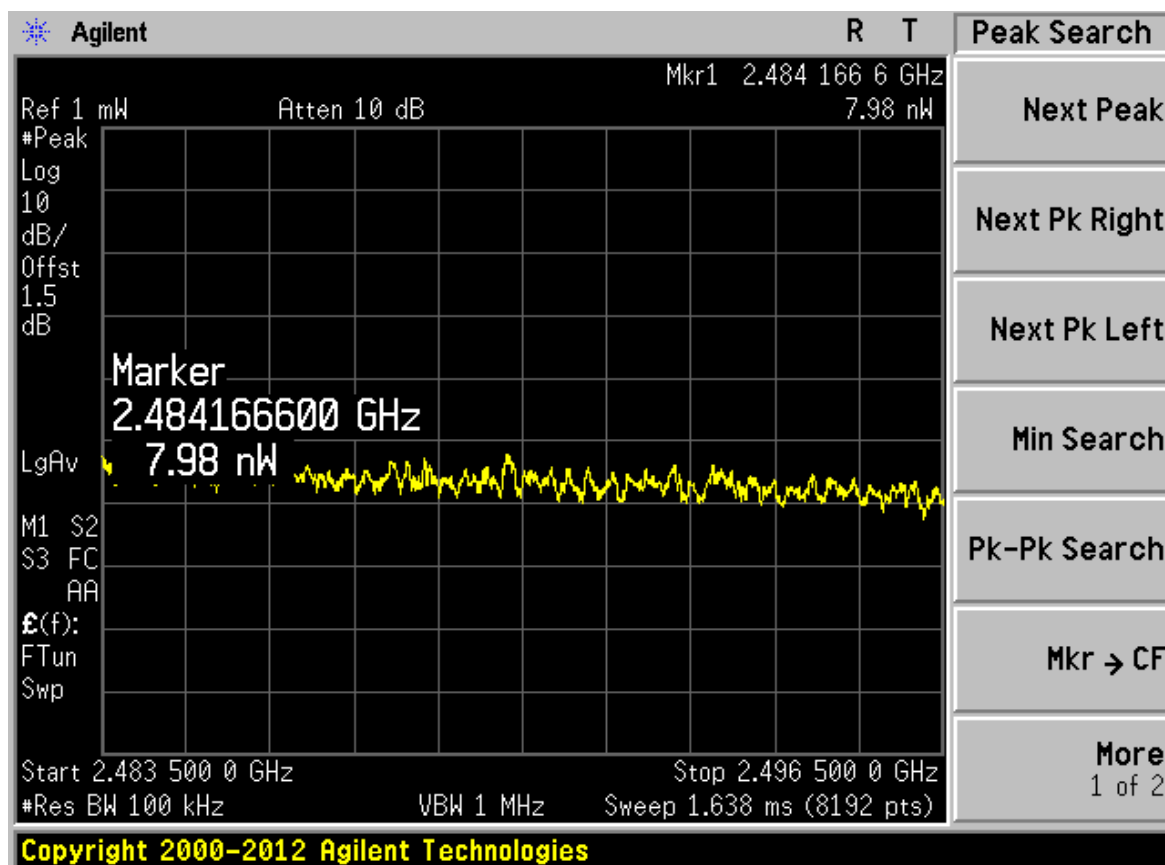
Occupied Bandwidth_ch11



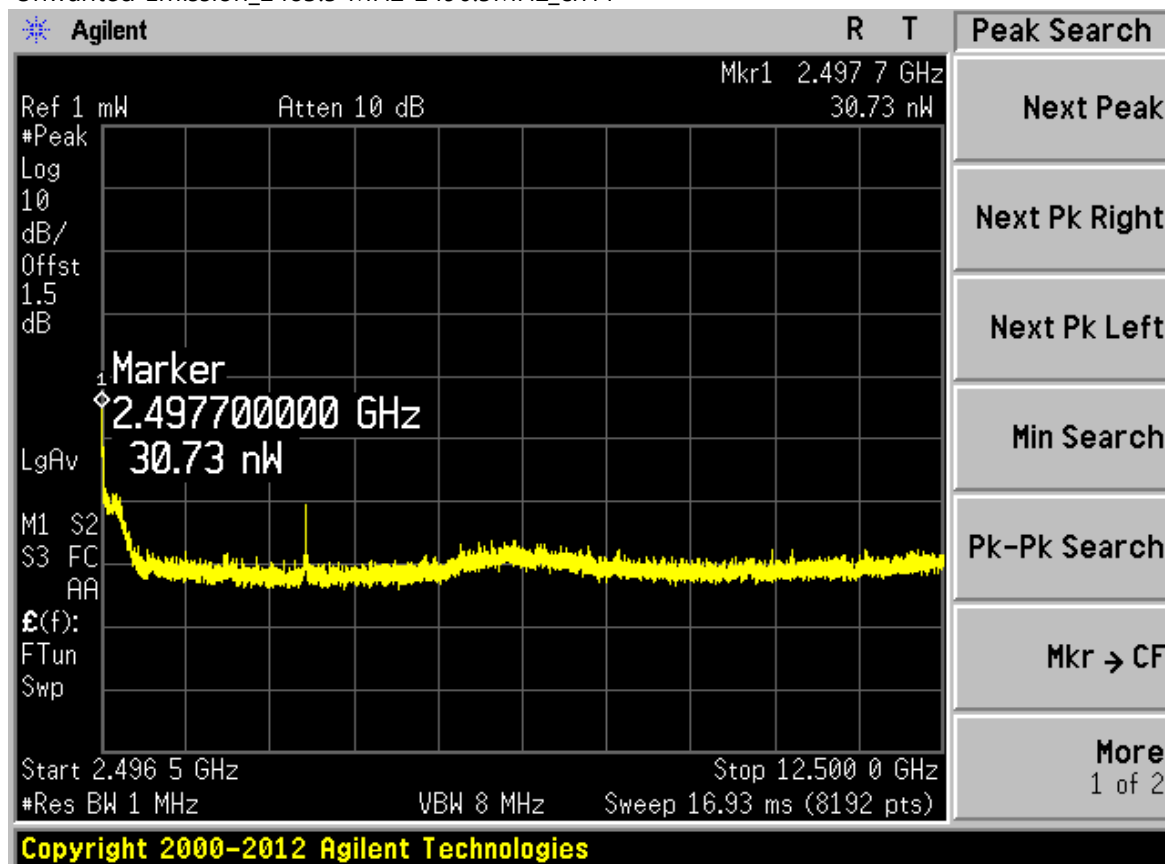
Unwanted Emission_under 2387 MHz_ch11



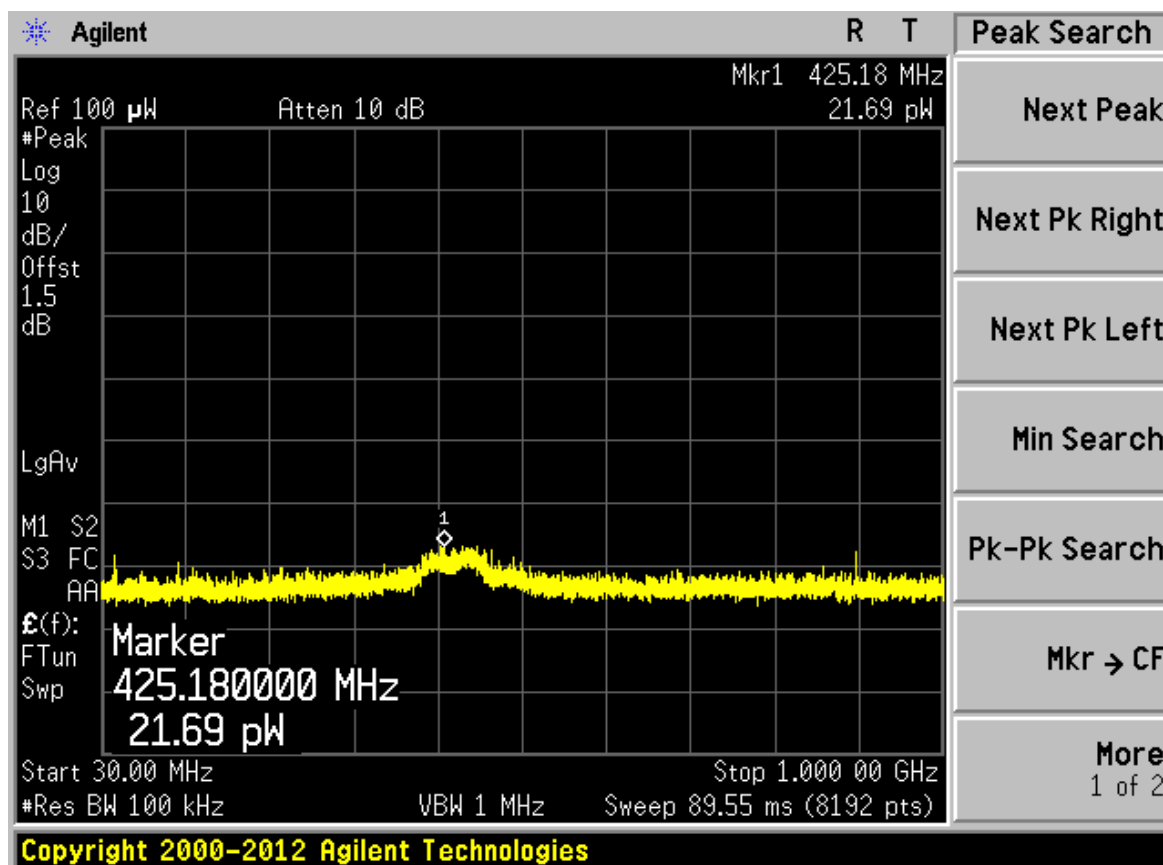
Unwanted Emission_2387 MHz-2400MHz_ch11



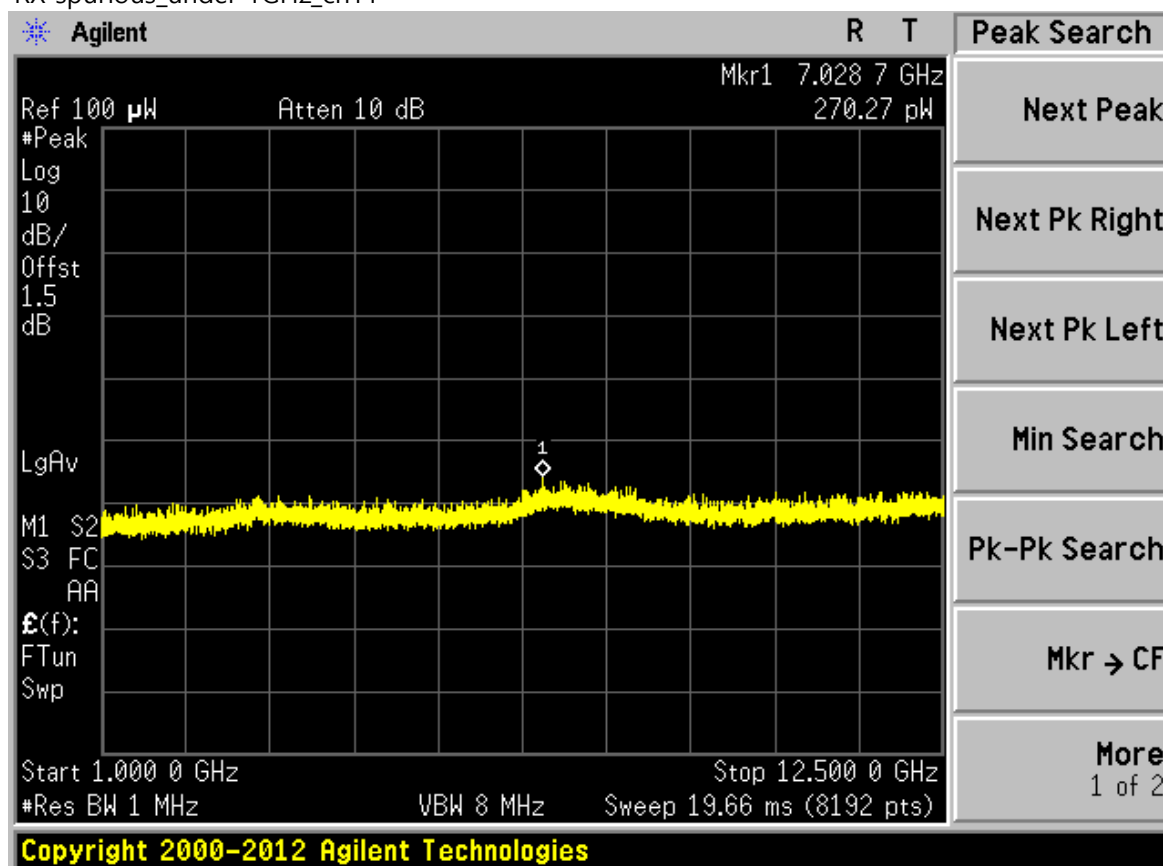
Unwanted Emission_2483.5 MHz-2496.5MHz_ch11



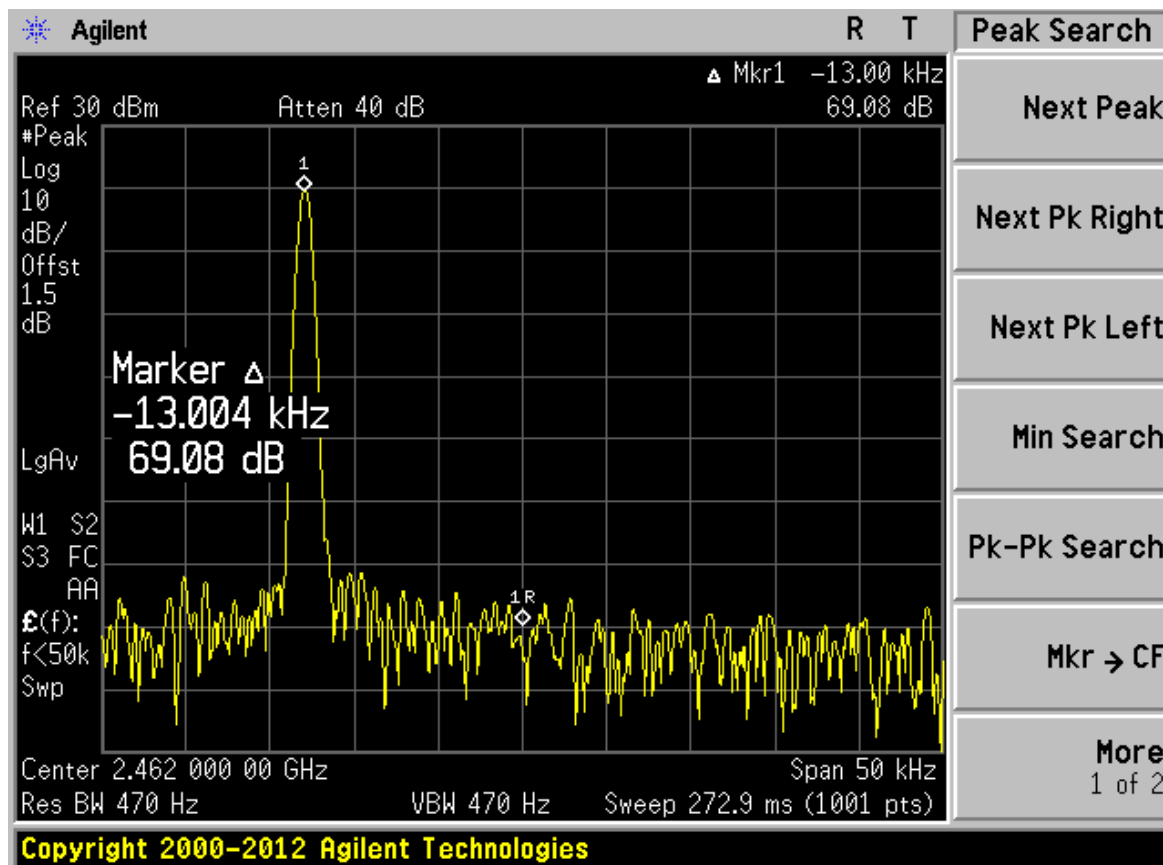
Unwanted Emission_2496.5MHz-12.5GHz_ch11



RX spurious_under 1GHz_ch11



RX spurious_1GHz-12.5GHz_ch11



Reading frequency_ch11