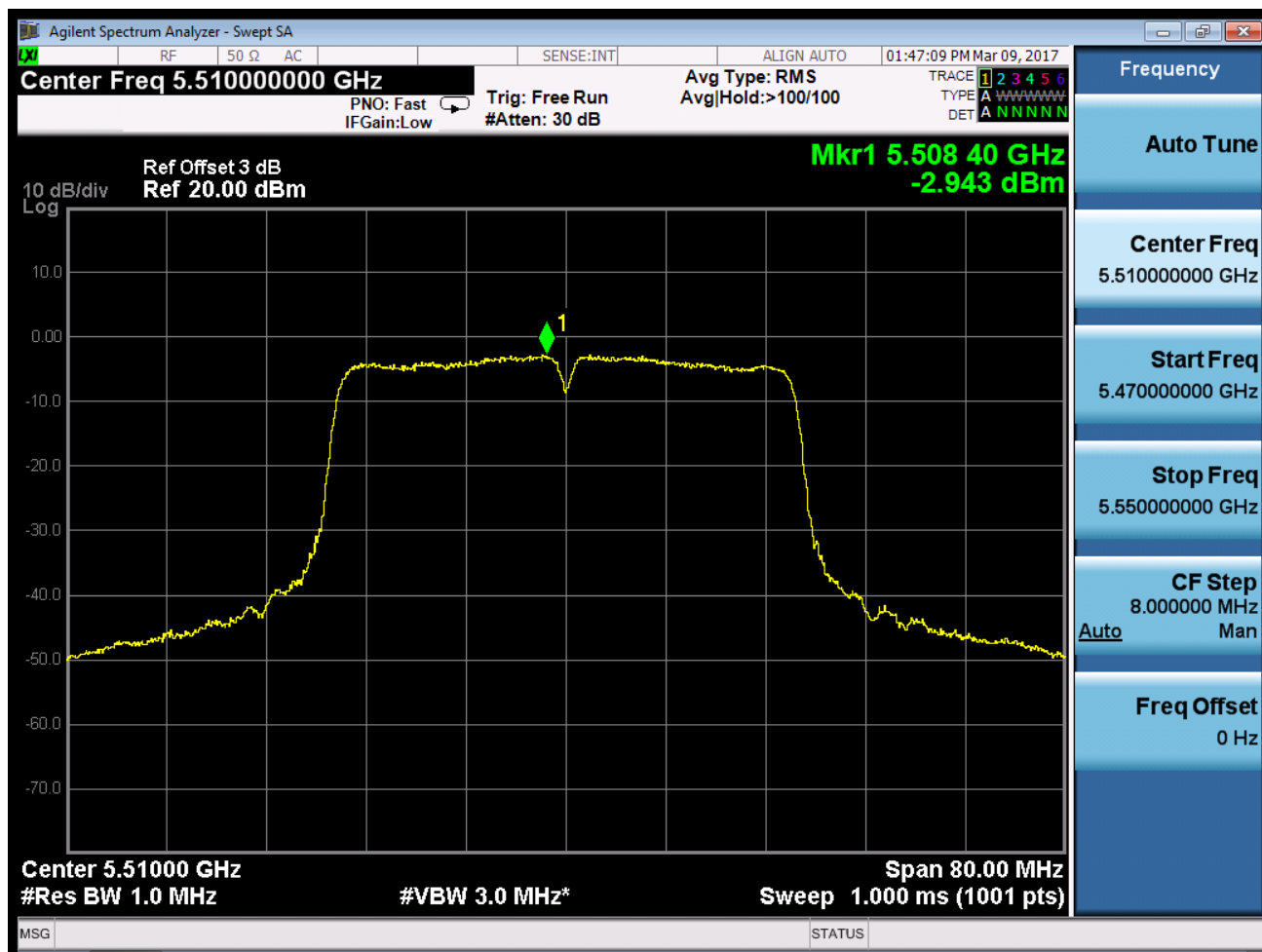
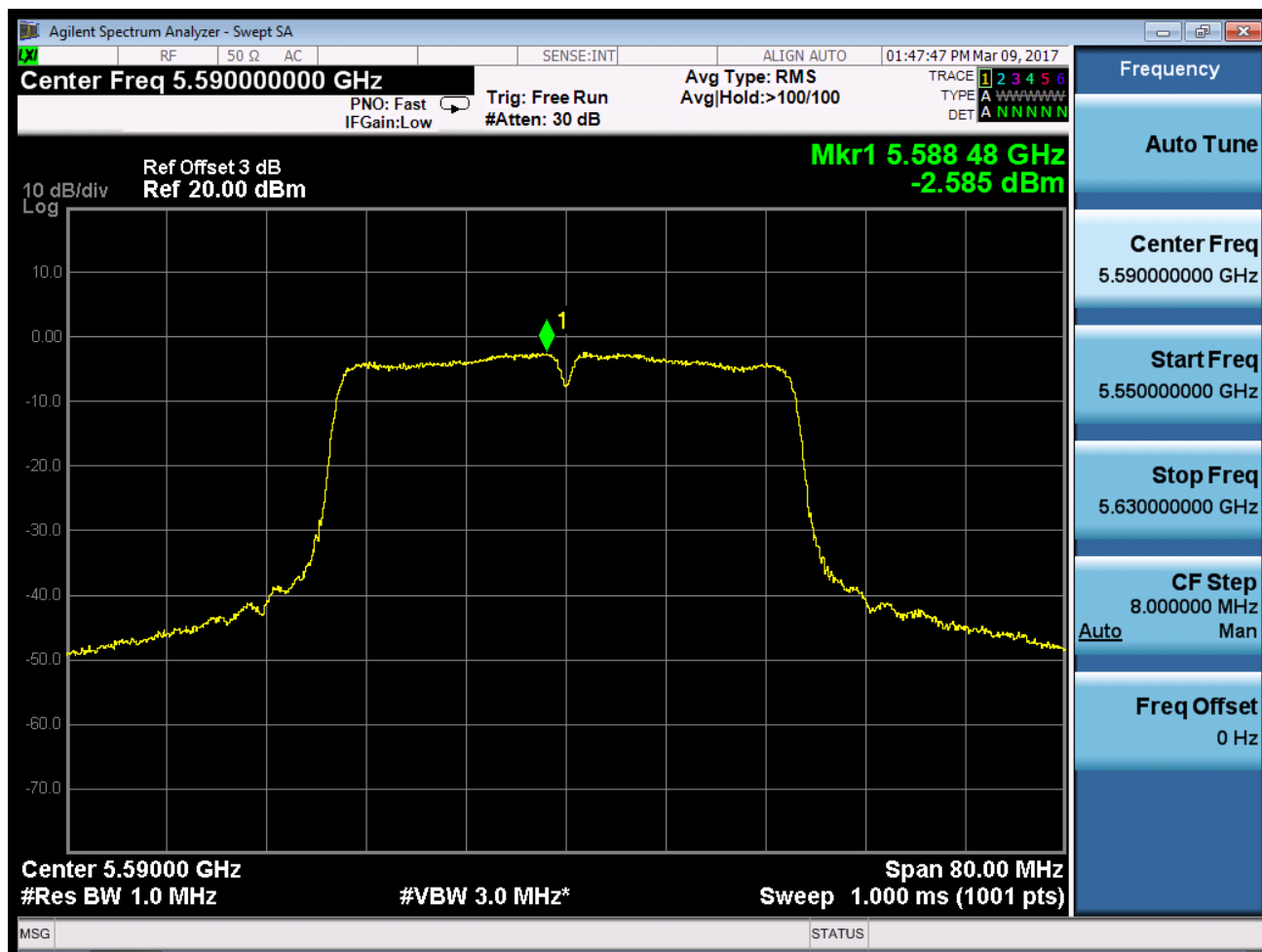
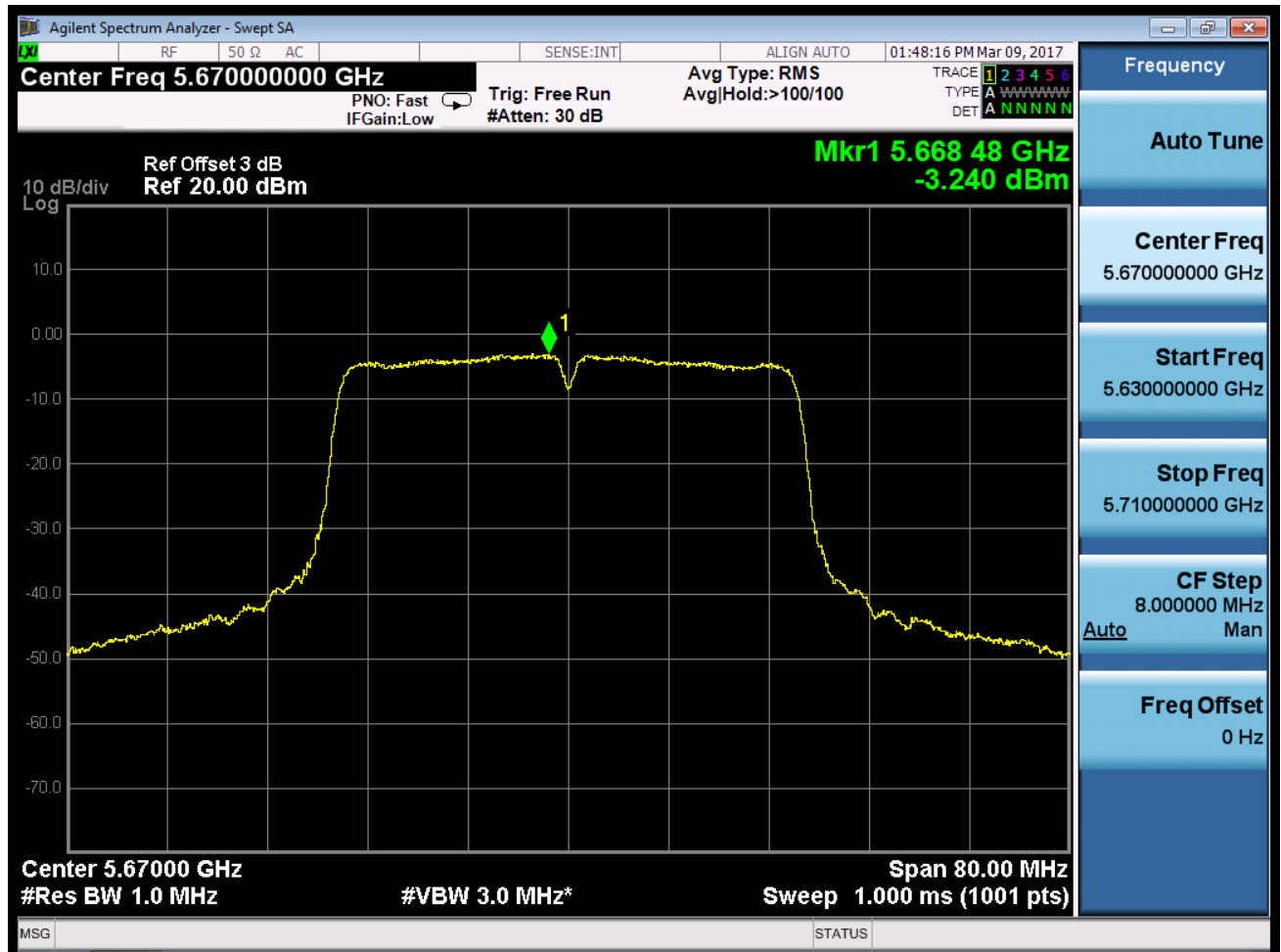
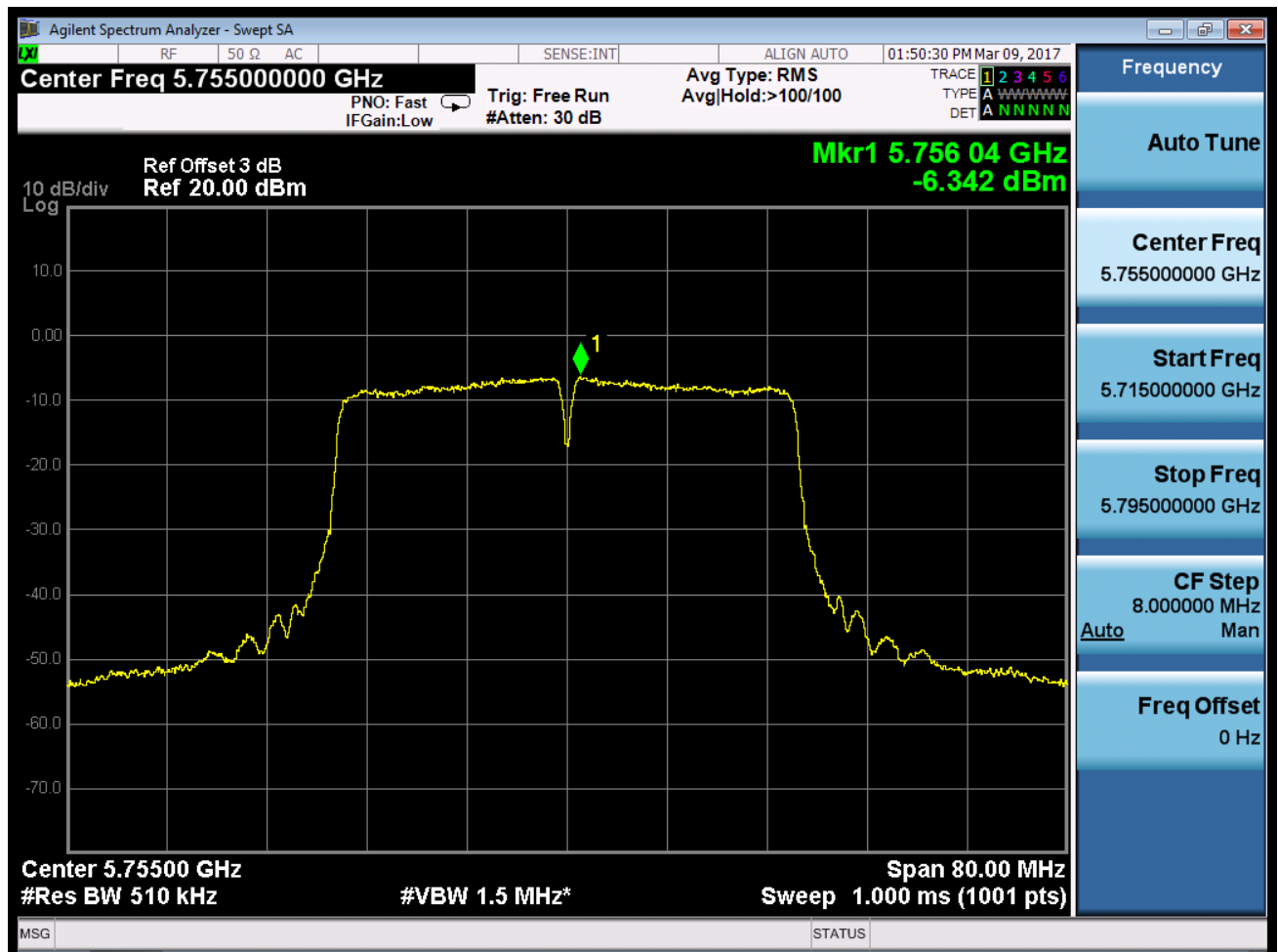


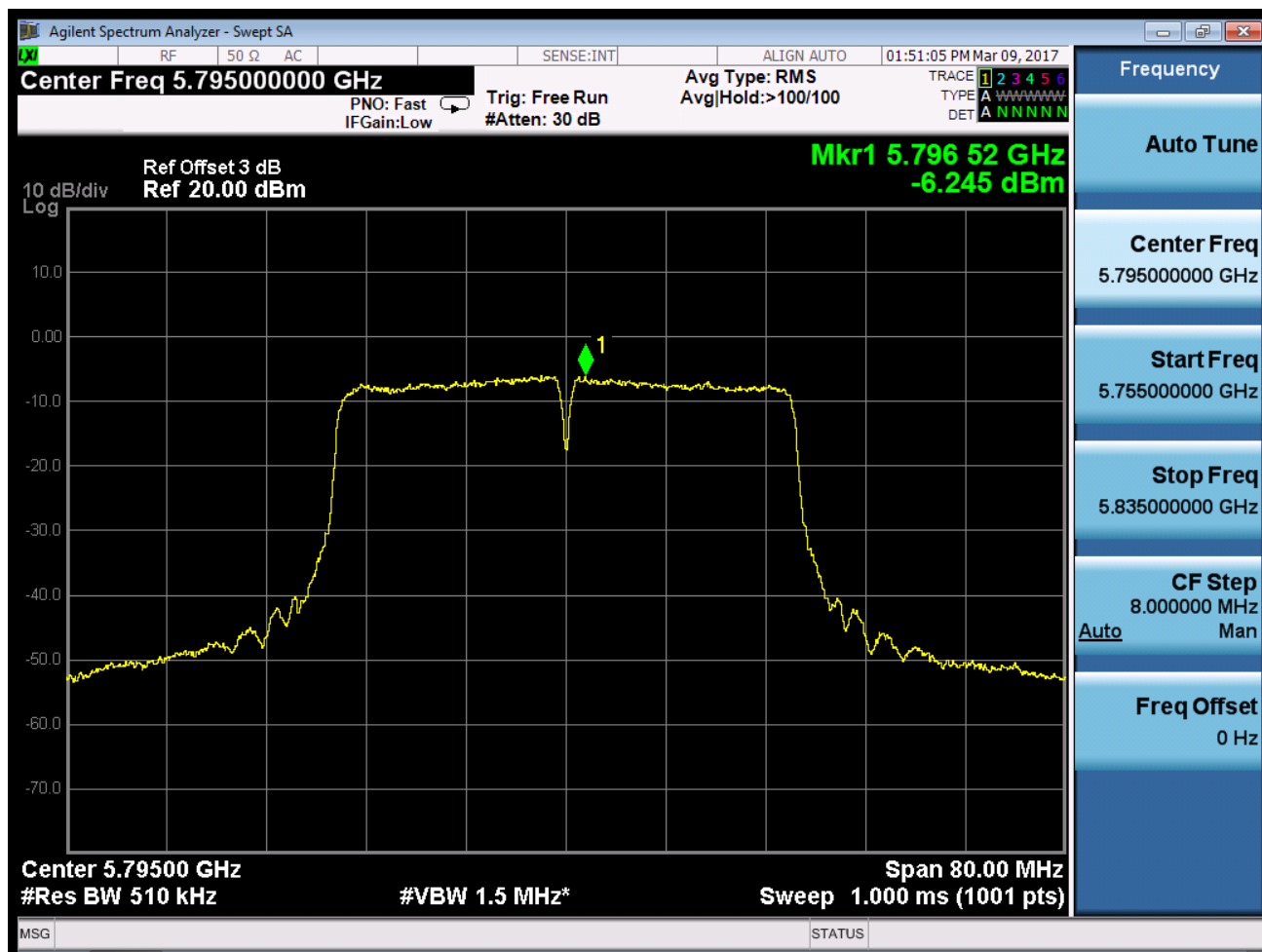






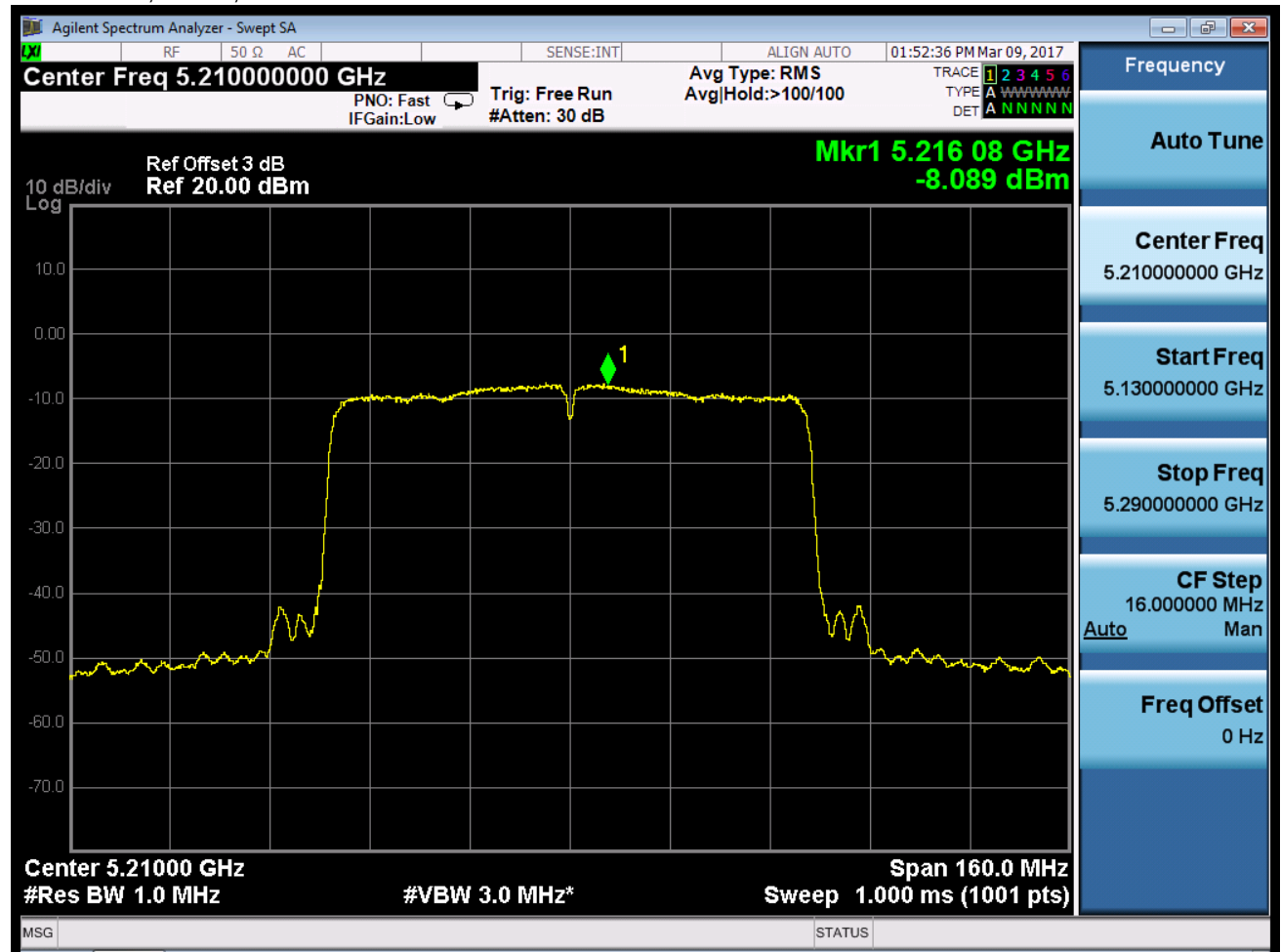
Produkte
Products

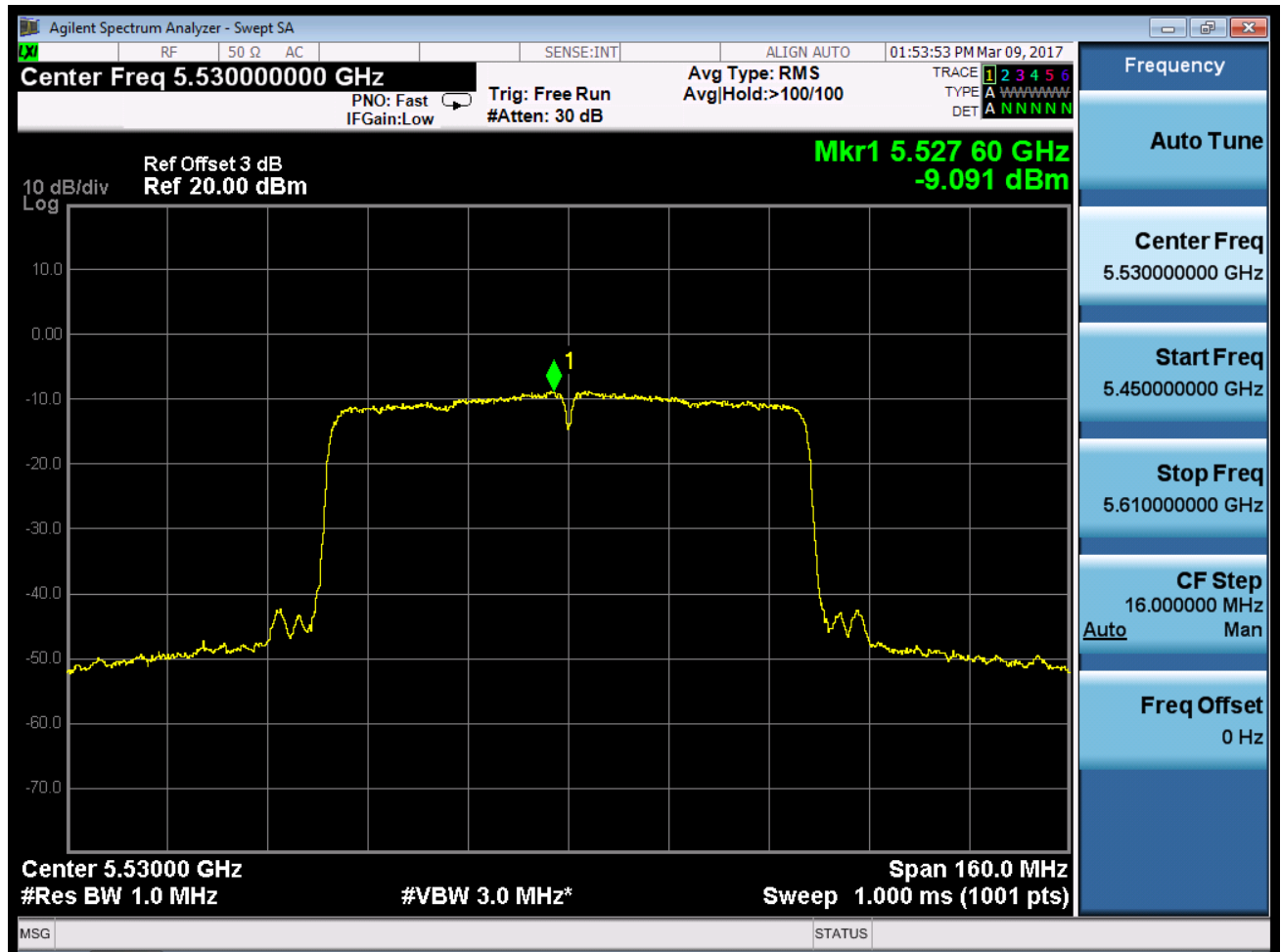




Produkte
Products

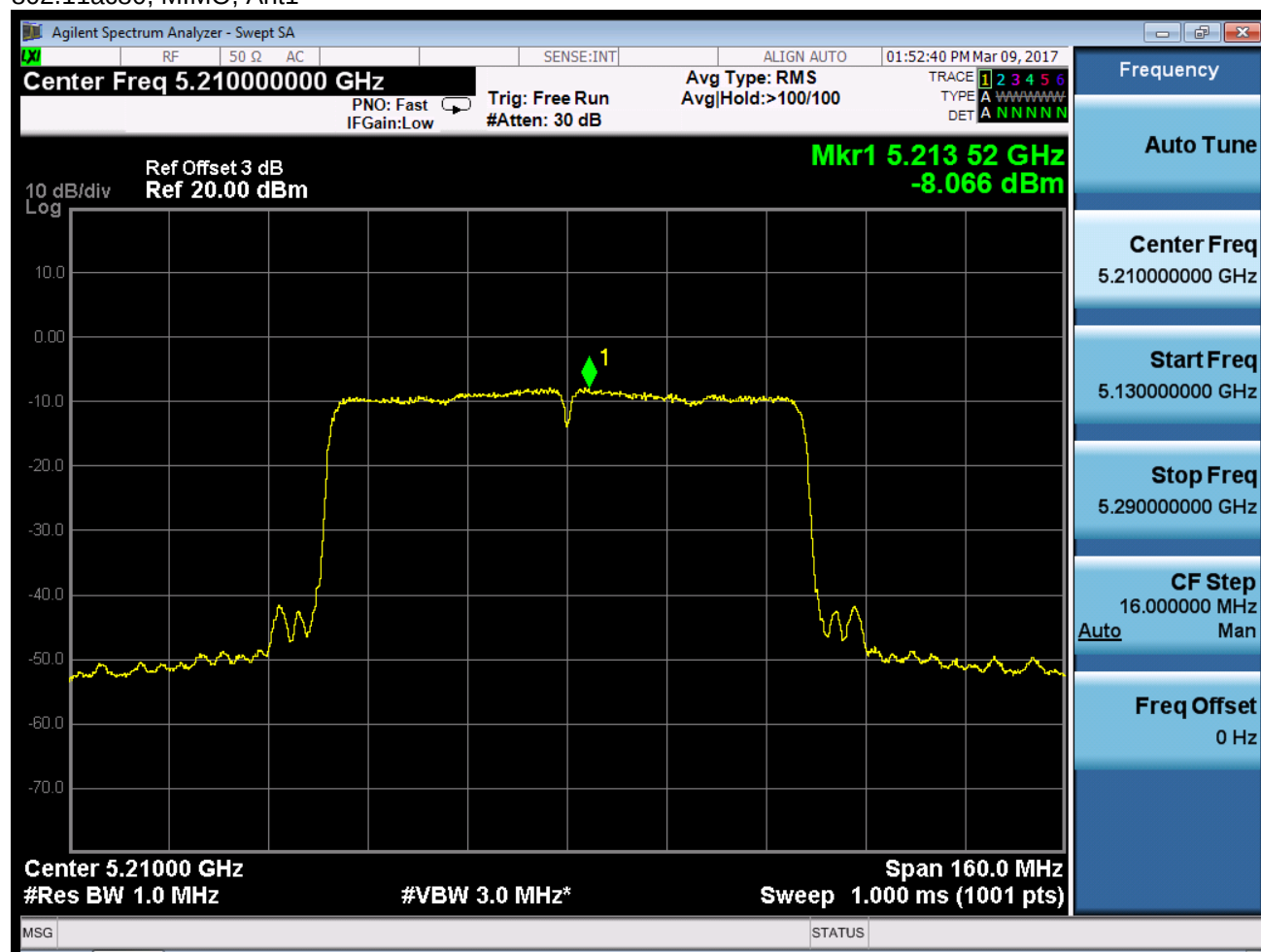
802.11ac80, MIMO, Ant0

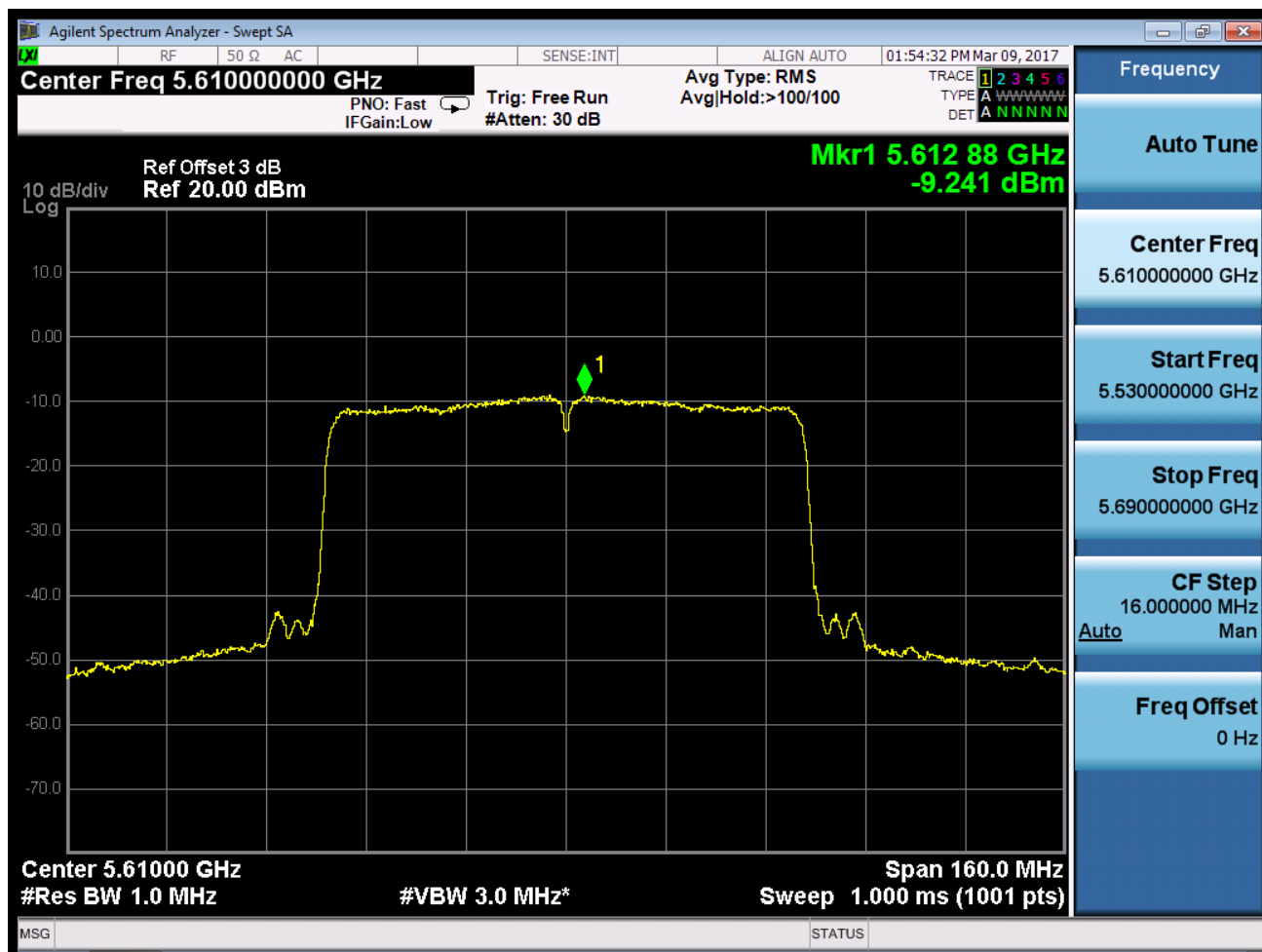




Produkte
Products

802.11ac80, MIMO, Ant1

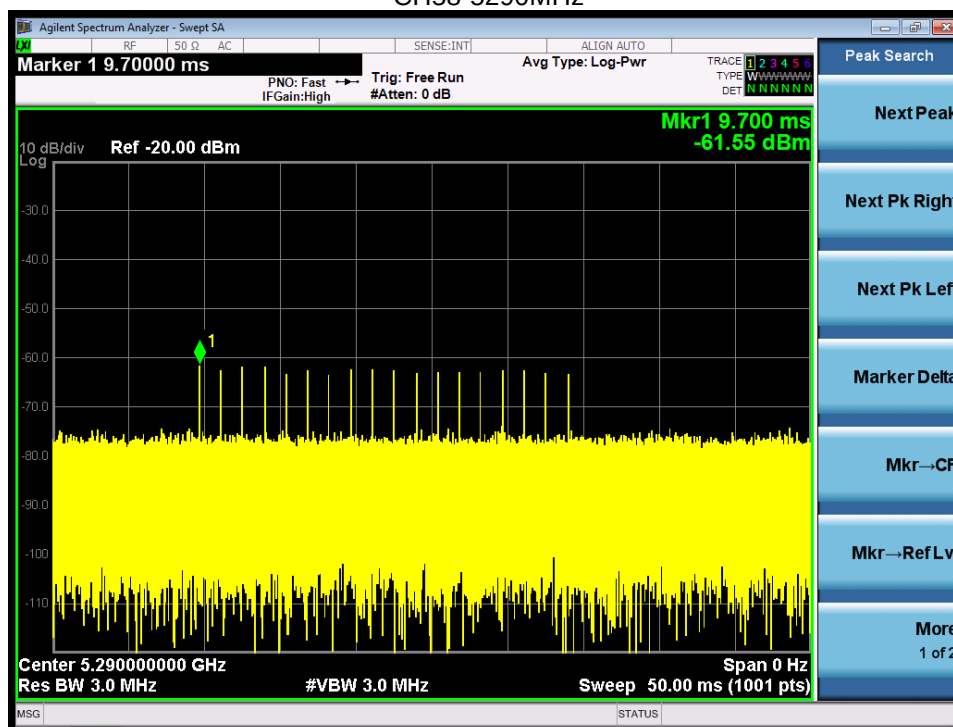




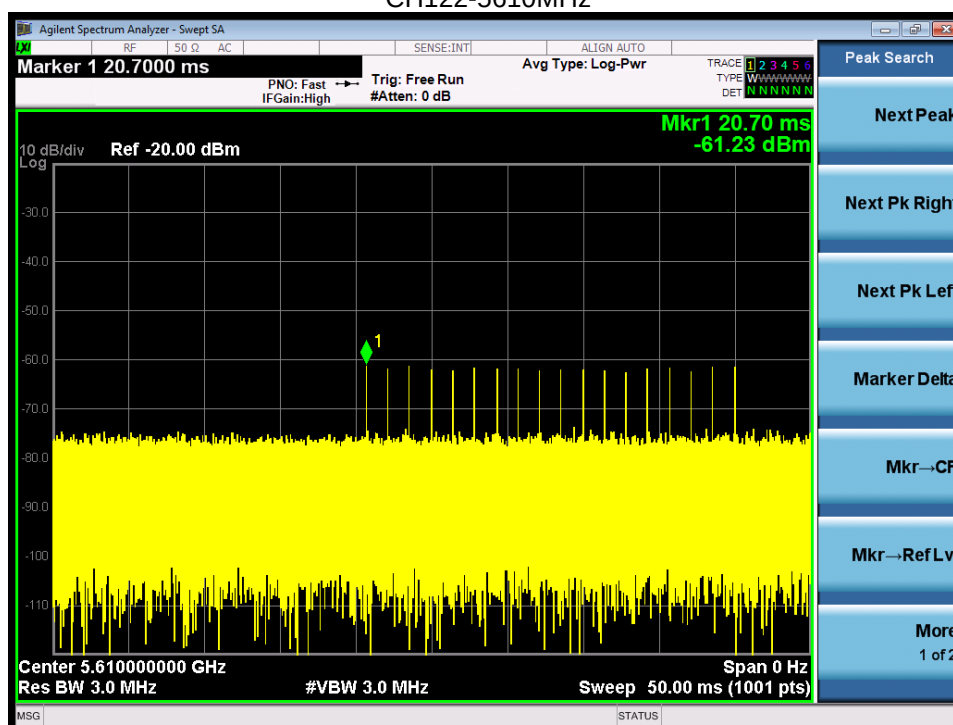
5. Dynamic Frequency Selection (DFS)

5.1 Radar Waveform calibration

CH58-5290MHz

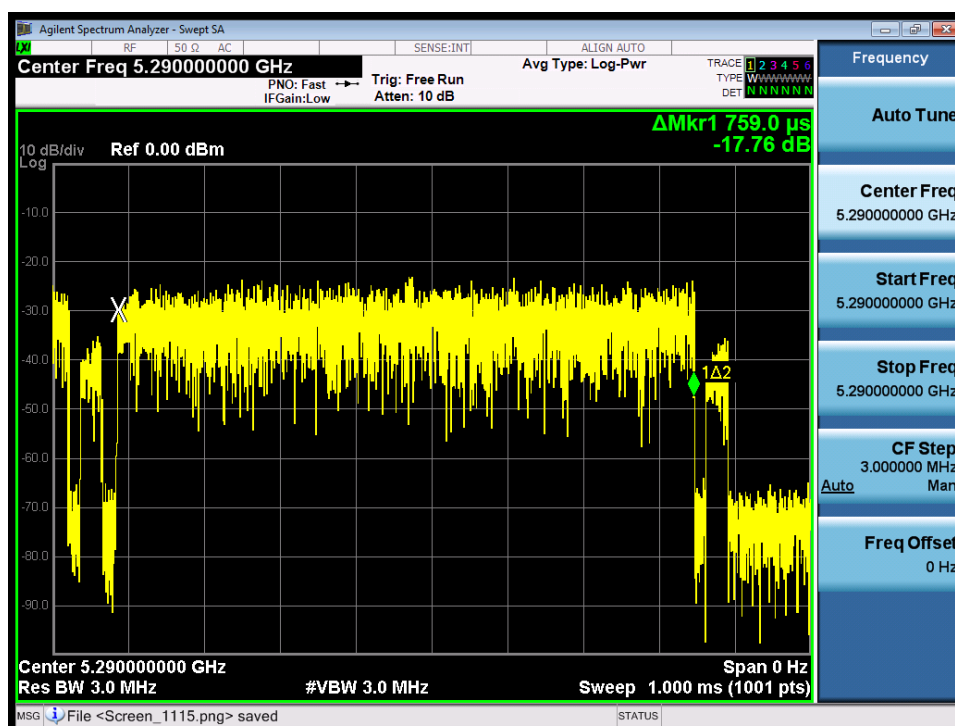
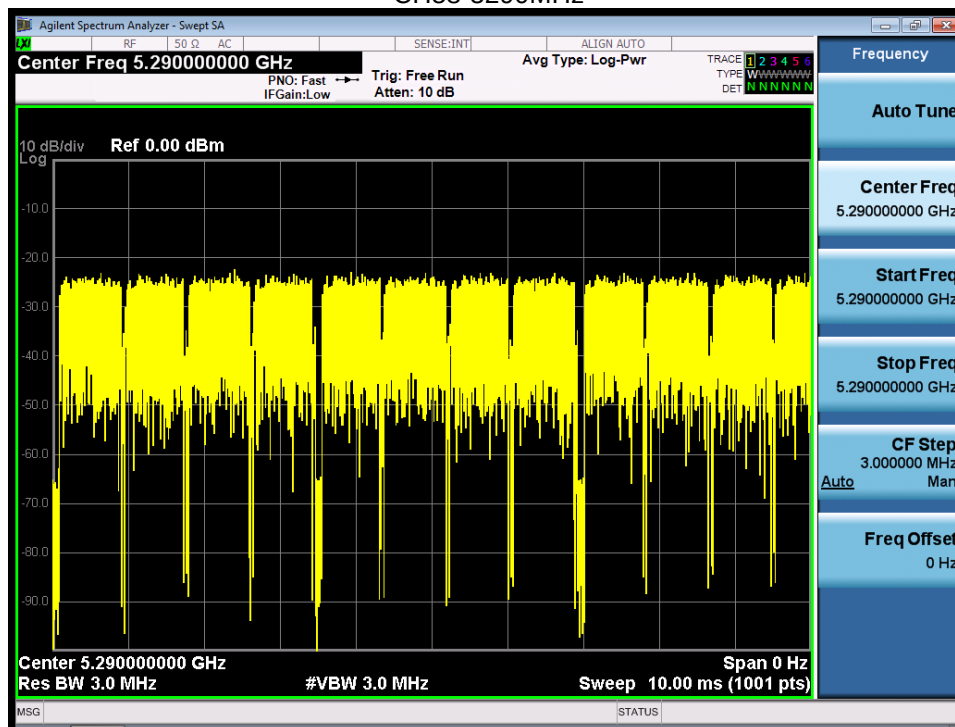


CH122-5610MHz

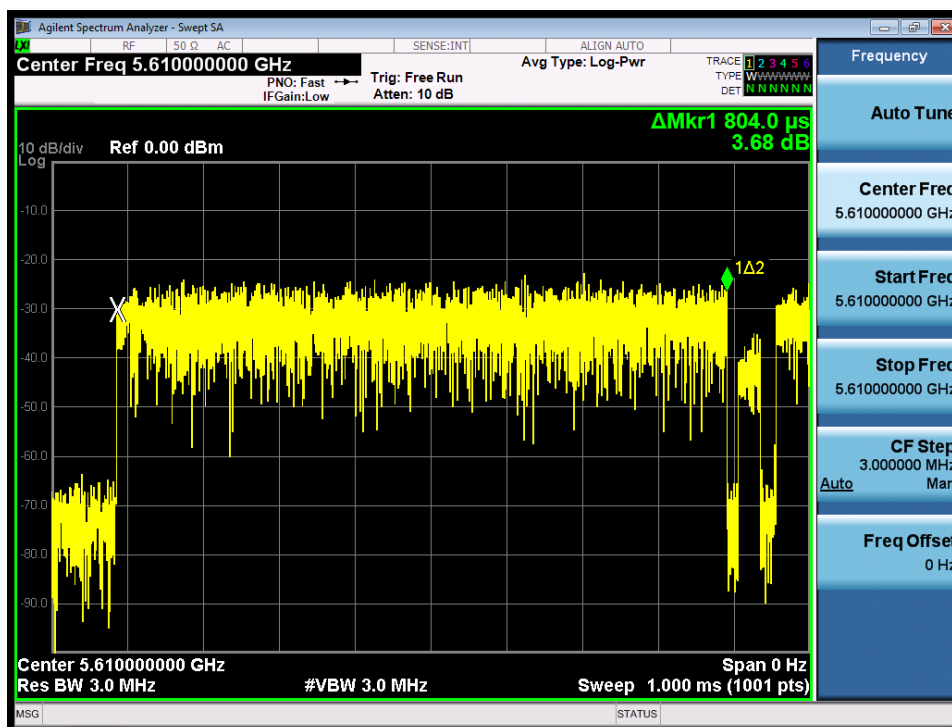
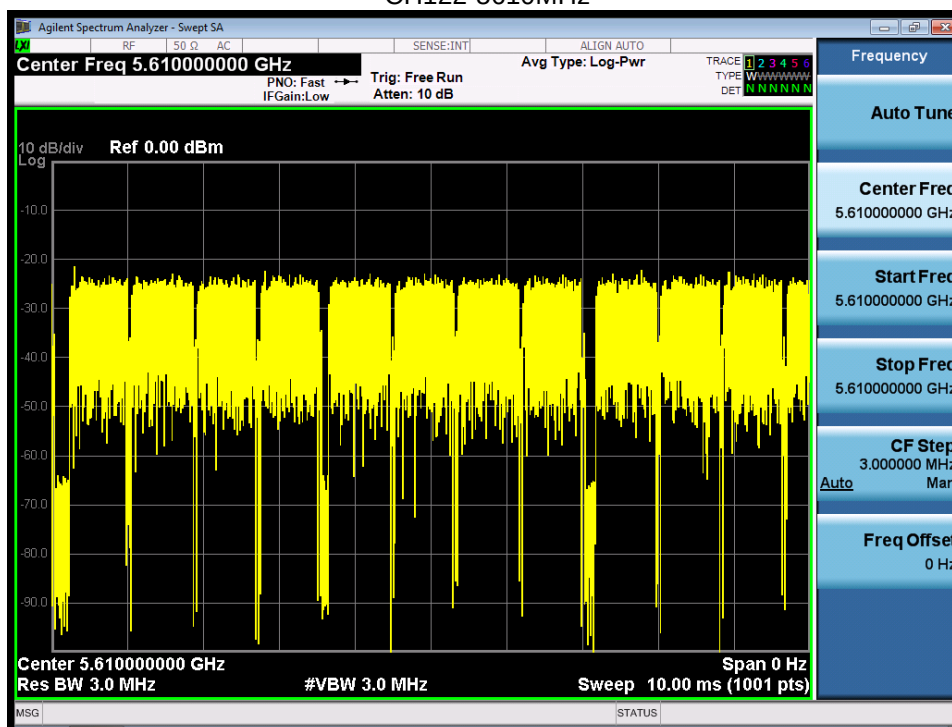


5.2 Channel Loading

CH58-5290MHz



CH122-5610MHz

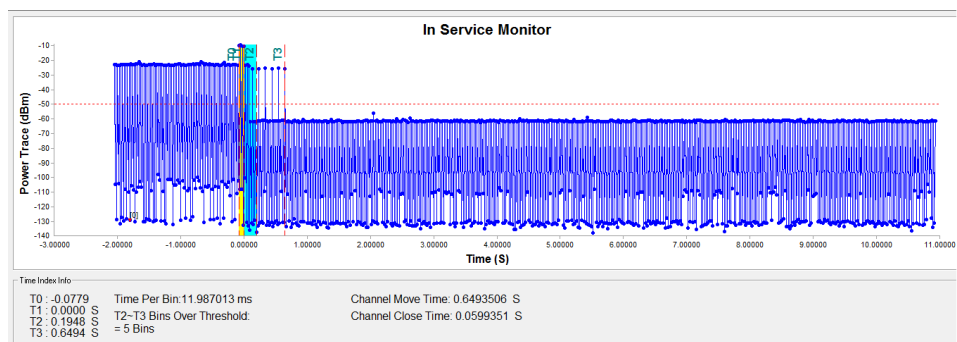
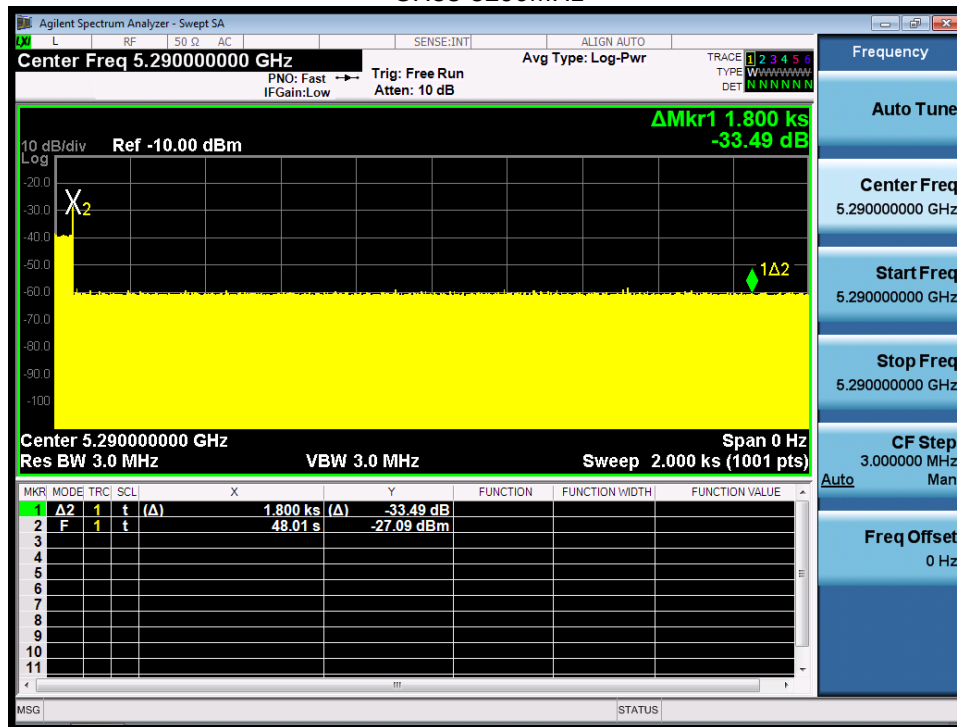


5.3 Test Datas

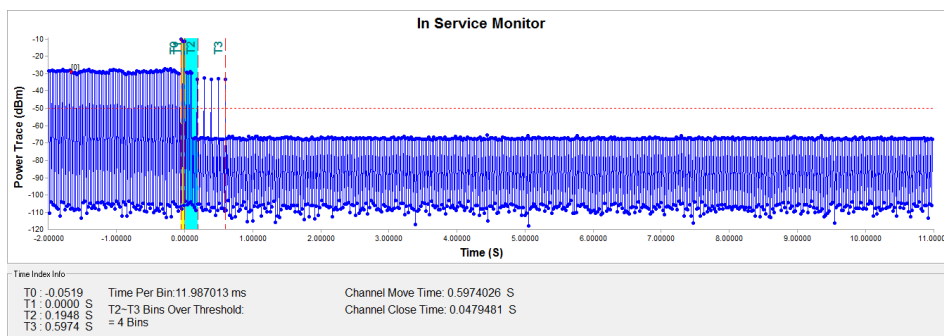
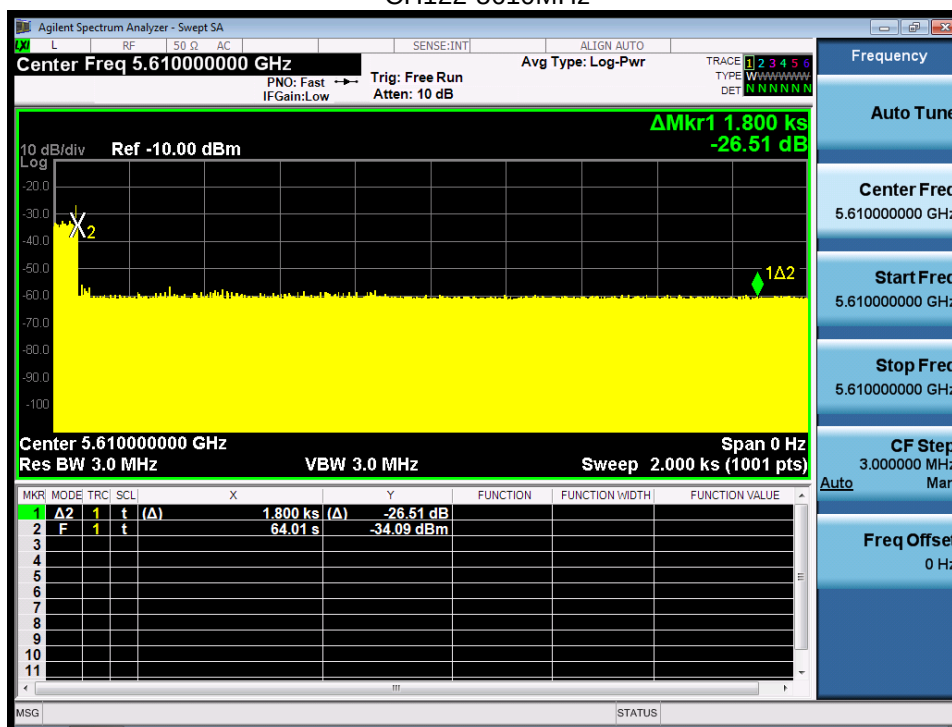
Channel Frequency	Minimum channel loading	Items	Measured	Limit	Result
CH58-5290MHz	>17%	Channel Move Time	0.649s	10s	Pass
		Channel Closing Transmission Time	<200ms+<60ms	200ms+aggregate of 60ms over remaining 10s period	Pass
		Non-Occupancy Period	>1800s	30 min.	Pass
CH122-5610MHz	>17%	Channel Move Time	0.597s	10s	Pass
		Channel Closing Transmission Time	<200ms+<60ms	200ms+aggregate of 60ms over remaining 10s period	Pass
		Non-Occupancy Period	>1800s	30 min.	Pass

5.4 Test Graphs

CH58-5290MHz



CH122-5610MHz

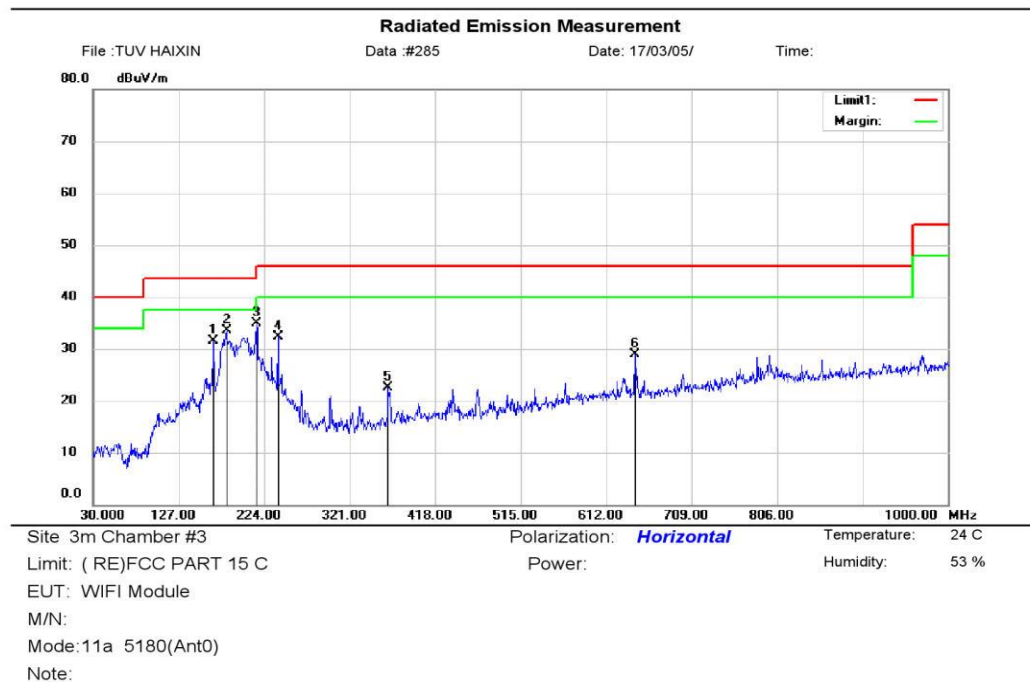


6. Transmitter Spurious Emissions

Note:1, Testing is carried out with frequency rang 9kHz to the tenth harmonics.
2, The margin is greater than 20 dB are not shown in this Appendix.

6.1 Transmitter Spurious Emissions, Below 1GHz

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No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		166.7700	49.72	-18.31	31.41	43.50	-12.09	QP		
2		181.3200	53.42	-19.83	33.59	43.50	-9.91	QP		
3	*	215.2700	49.86	-14.92	34.94	43.50	-8.56	QP		
4		239.5200	46.30	-14.09	32.21	46.00	-13.79	QP		
5		364.6500	32.88	-10.29	22.59	46.00	-23.41	QP		
6		644.9800	33.49	-4.58	28.91	46.00	-17.09	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File :TUV HAIXINData :#285

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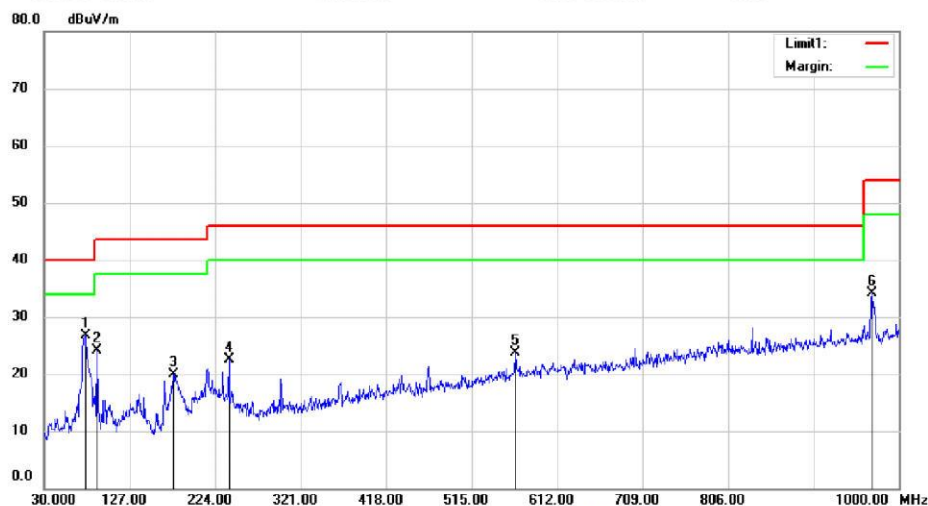
Radiated Emission Measurement

File: TUV HAIXIN

Data: #286

Date: 17/03/05/

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power:

Humidity: 53 %

EUT: WIFI Module

M/N:

Mode: 11a 5180(Ant0)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Detector	Comment
1	*	76.5600	47.02	-20.32	26.70	40.00	-13.30	QP			
2		90.1400	40.61	-16.41	24.20	43.50	-19.30	QP			
3		176.4700	37.21	-17.34	19.87	43.50	-23.63	QP			
4		239.5200	36.53	-14.09	22.44	46.00	-23.56	QP			
5		564.4700	29.66	-5.93	23.73	46.00	-22.27	QP			
6		968.9600	34.39	-0.20	34.19	54.00	-19.81	QP			

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV HAIXIN Data: #286

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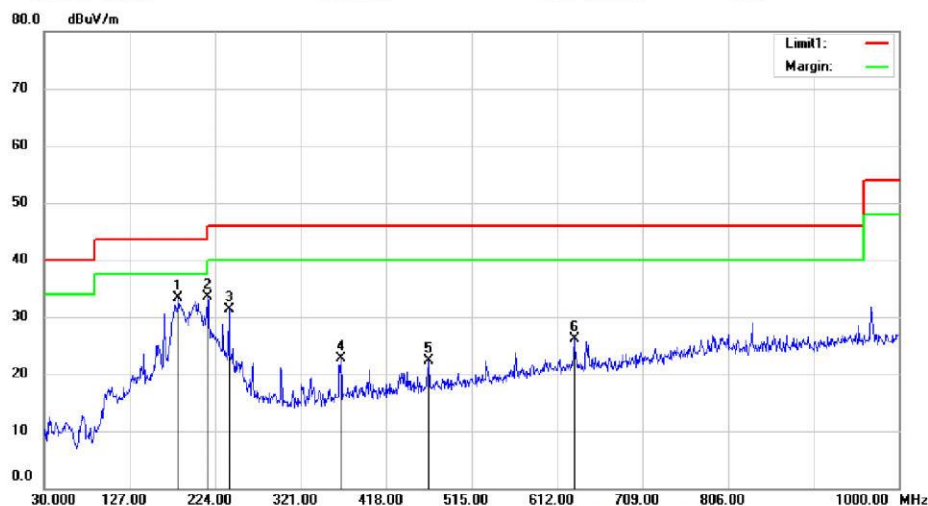
Radiated Emission Measurement

File: TUV HAIXIN

Data: #287

Date: 17/03/05/

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power:

Humidity: 53 %

EUT: WIFI Module

M/N:

Mode: 11a 5200(Ant0)

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		182.2900	53.22	-19.83	33.39	43.50	-10.11	QP		
2	*	215.2700	48.35	-14.92	33.43	43.50	-10.07	QP		
3		239.5200	45.49	-14.09	31.40	46.00	-14.60	QP		
4		366.5900	32.93	-10.26	22.67	46.00	-23.33	QP		
5		466.5000	30.59	-8.30	22.29	46.00	-23.71	QP		
6		631.4000	30.81	-4.71	26.10	46.00	-19.90	AVG		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV HAIXIN Data: #287

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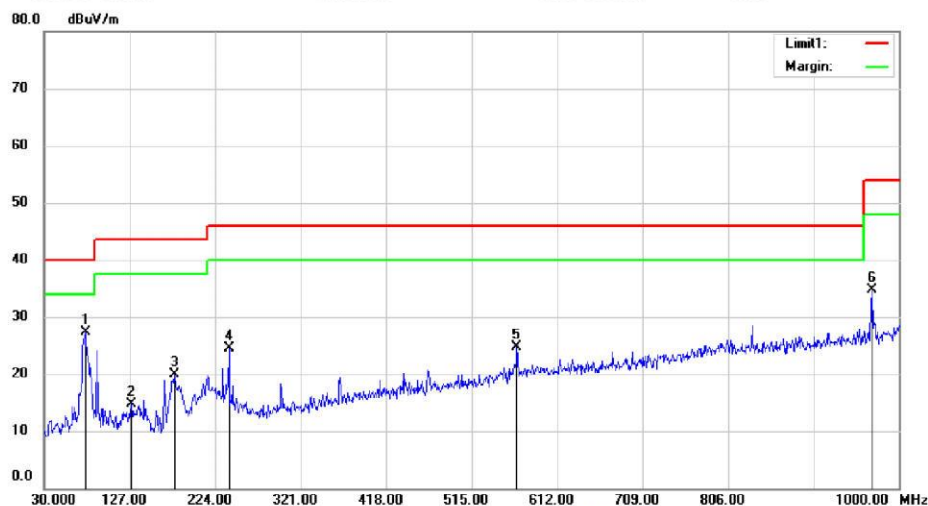
Radiated Emission Measurement

File: TUV HAIXIN

Data: #288

Date: 17/03/05/

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power:

Humidity: 53 %

EUT: WIFI Module

M/N:

Mode: 11a 5200(Ant0)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	76.5600	47.55	-20.32	27.23	40.00	-12.77	QP		
2		128.9400	33.40	-18.69	14.71	43.50	-28.79	QP		
3		177.4400	37.13	-17.20	19.93	43.50	-23.57	QP		
4		239.5200	38.57	-14.09	24.48	46.00	-21.52	QP		
5		566.4100	30.63	-5.88	24.75	46.00	-21.25	QP		
6		968.9600	35.00	-0.20	34.80	54.00	-19.20	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV HAIXIN Data: #288

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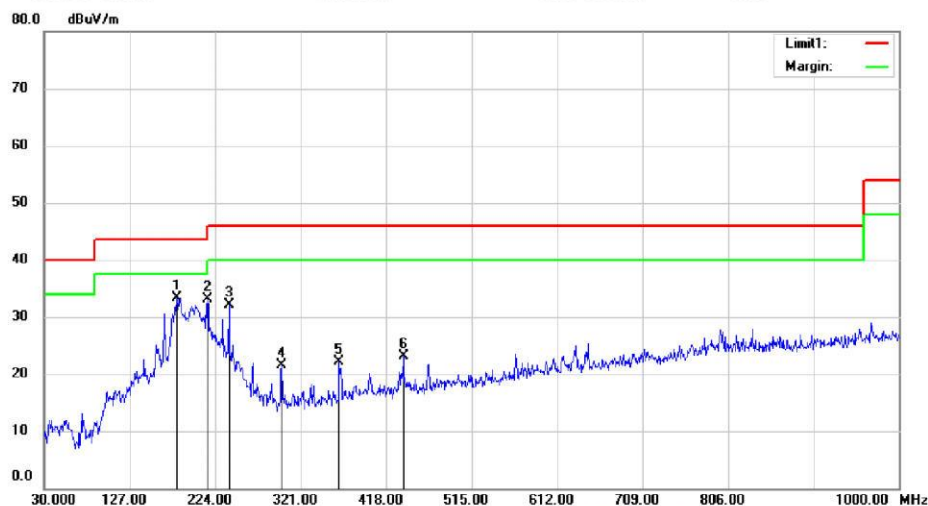
Radiated Emission Measurement

File: TUV HAIXIN

Data: #289

Date: 17/03/05/

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power:

Humidity: 53 %

EUT: WIFI Module

M/N:

Mode: 11a 5240(Ant0)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	180.3500	53.13	-19.82	33.31	43.50	-10.19	QP		
2		215.2700	47.96	-14.92	33.04	43.50	-10.46	QP		
3		239.5200	46.15	-14.09	32.06	46.00	-13.94	QP		
4		299.6600	33.53	-12.02	21.51	46.00	-24.49	QP		
5		364.6500	32.43	-10.29	22.14	46.00	-23.86	QP		
6		437.4000	31.67	-8.65	23.02	46.00	-22.98	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV HAIXIN Data: #289

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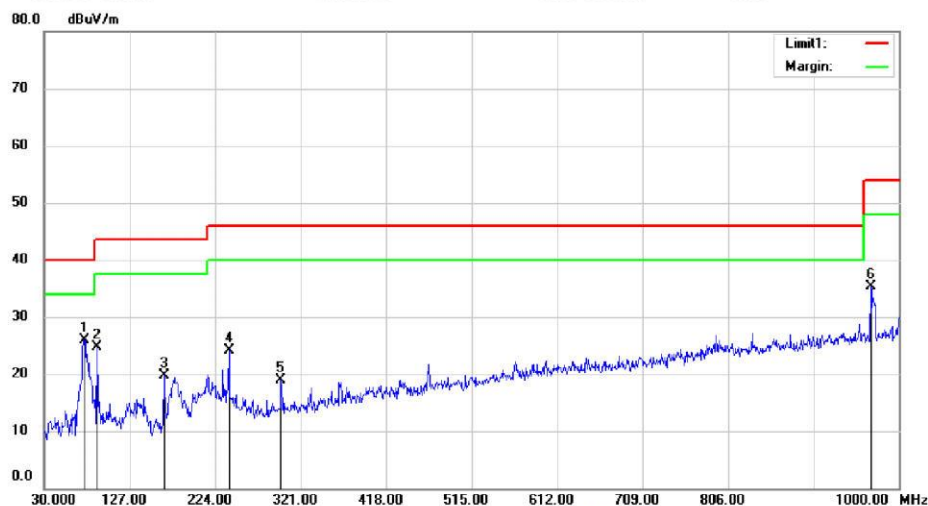
Radiated Emission Measurement

File: TUV HAIXIN

Data: #290

Date: 17/03/05/

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power:

Humidity: 53 %

EUT: WIFI Module

M/N:

Mode: 11a 5240(Ant0)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	75.5900	46.52	-20.54	25.98	40.00	-14.02	QP		
2		90.1400	41.02	-16.41	24.61	43.50	-18.89	QP		
3		165.8000	37.96	-18.31	19.65	43.50	-23.85	QP		
4		239.5200	38.27	-14.09	24.18	46.00	-21.82	QP		
5		298.6900	30.92	-12.07	18.85	46.00	-27.15	QP		
6		967.9900	35.48	-0.20	35.28	54.00	-18.72	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV HAIXIN Data: #290

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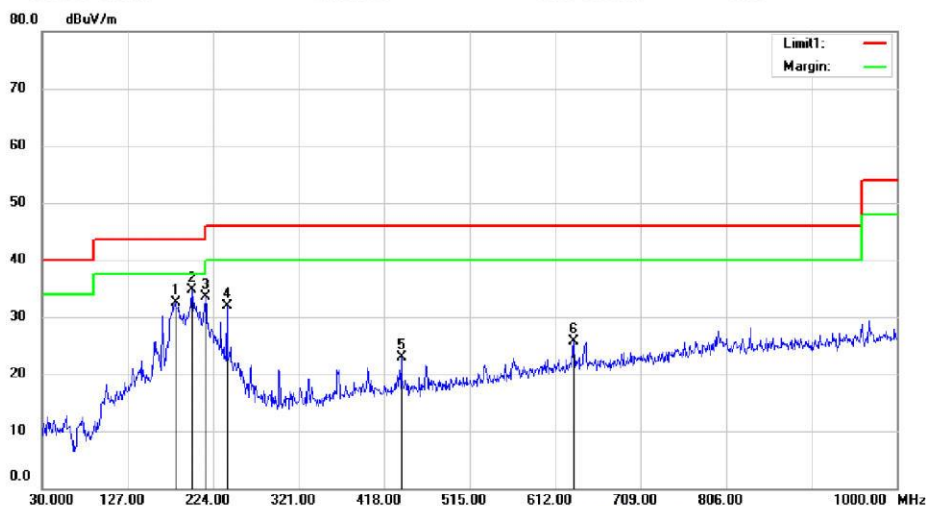
Radiated Emission Measurement

File: TUV HAIXIN

Data: #291

Date: 17/03/05/

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power:

Humidity: 53 %

EUT: WIFI Module

M/N:

Mode: 11a 5260(Ant0)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		181.3200	52.25	-19.83	32.42	43.50	-11.08	QP		
2	*	199.7500	50.90	-16.21	34.69	43.50	-8.81	QP		
3		215.2700	48.36	-14.92	33.44	43.50	-10.06	QP		
4		239.5200	45.96	-14.09	31.87	46.00	-14.13	QP		
5		437.4000	31.52	-8.65	22.87	46.00	-23.13	QP		
6		633.3400	30.38	-4.69	25.69	46.00	-20.31	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV HAIXIN Data: #291

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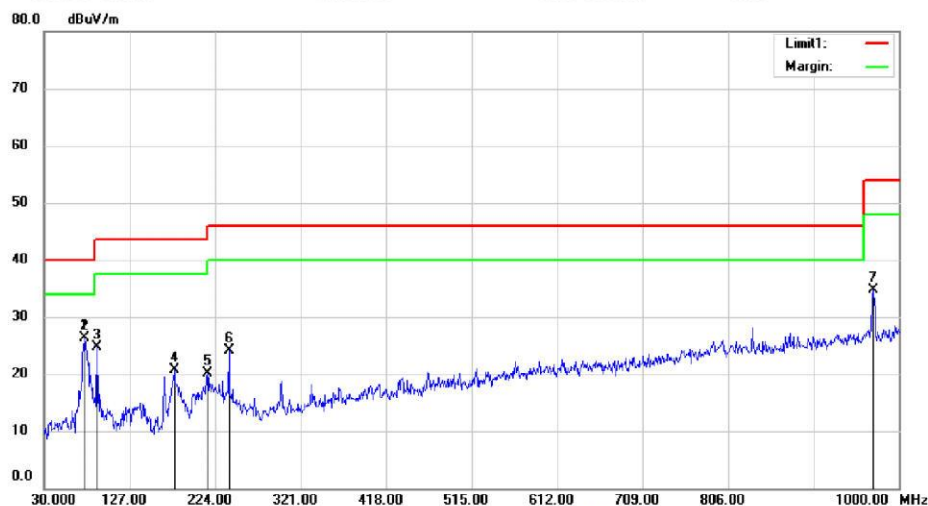
Radiated Emission Measurement

File: TUV HAIXIN

Data: #292

Date: 17/03/05/

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power:

Humidity: 53 %

EUT: WIFI Module

M/N:

Mode: 11a 5260(Ant0)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	75.5900	46.90	-20.54	26.36	40.00	-13.64	peak		
2	*	75.5900	46.90	-20.54	26.36	40.00	-13.64	peak		
3		90.1400	41.21	-16.41	24.80	43.50	-18.70	QP		
4		177.4400	37.81	-17.20	20.61	43.50	-22.89	QP		
5		215.2700	34.98	-14.92	20.06	43.50	-23.44	QP		
6		239.5200	38.18	-14.09	24.09	46.00	-21.91	QP		
7		970.9000	34.87	-0.17	34.70	54.00	-19.30	peak		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV HAIXINData: #292

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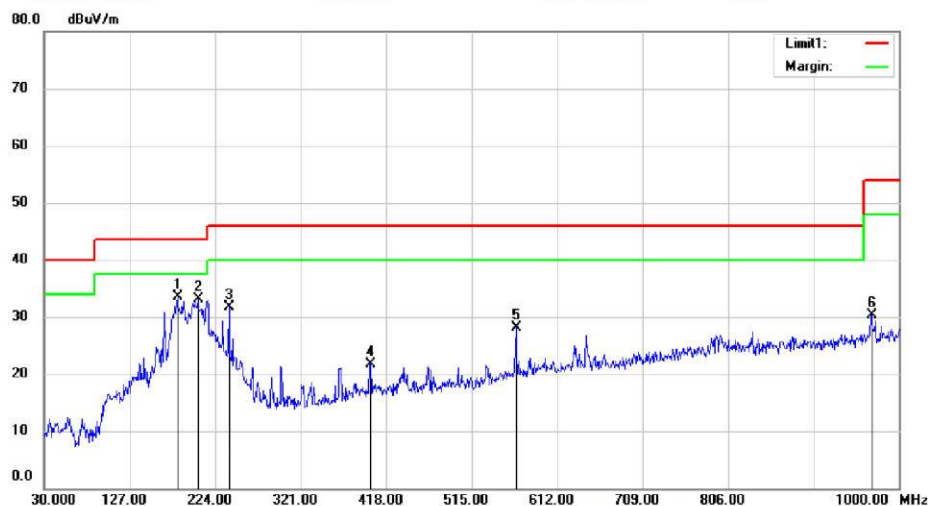
Radiated Emission Measurement

File: TUV HAIXIN

Data: #293

Date: 17/03/05/

Time:



Site: 3m Chamber #3

Polarization: **Horizontal**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power:

Humidity: 53 %

EUT: WIFI Module

M/N:

Mode: 11a 5280(Ant0)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Detector	Comment
1	*	181.3200	53.24	-19.83	33.41	43.50	-10.09	QP			
2		204.6000	48.89	-15.81	33.08	43.50	-10.42	QP			
3		239.5200	45.89	-14.09	31.80	46.00	-14.20	QP			
4		400.5400	31.04	-9.24	21.80	46.00	-24.20	QP			
5		565.4400	33.93	-5.90	28.03	46.00	-17.97	QP			
6		968.9600	30.53	-0.20	30.33	54.00	-23.67	QP			

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV HAIXIN Data: #293

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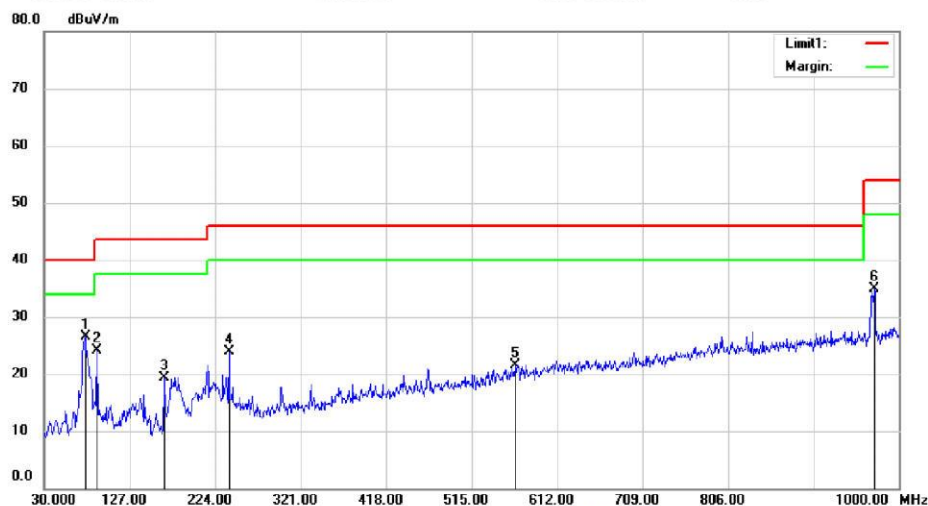
Radiated Emission Measurement

File: TUV HAIXIN

Data: #294

Date: 17/03/05/

Time:



Site: 3m Chamber #3

Polarization: **Vertical**

Temperature: 24 C

Limit: (RE)FCC PART 15 C

Power:

Humidity: 53 %

EUT: WIFI Module

M/N:

Mode: 11a 5280(Ant0)

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	76.5600	46.82	-20.32	26.50	40.00	-13.50	QP		
2		90.1400	40.50	-16.41	24.09	43.50	-19.41	QP		
3		166.7700	37.67	-18.31	19.36	43.50	-24.14	QP		
4		239.5200	37.96	-14.09	23.87	46.00	-22.13	QP		
5		564.4700	27.52	-5.93	21.59	46.00	-24.41	QP		
6		971.8700	35.11	-0.16	34.95	54.00	-19.05	QP		

*:Maximum data x:Over limit !:over margin

Operator: KK

File: TUV HAIXIN Data: #294

Page: 1