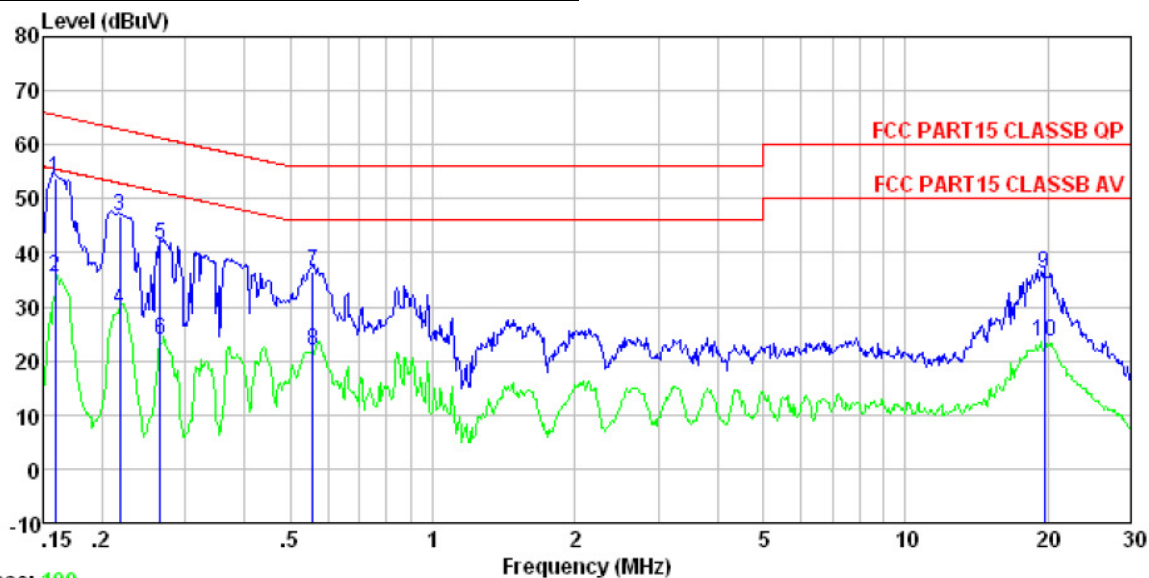


## **Appendix 1**

### **Test Results**

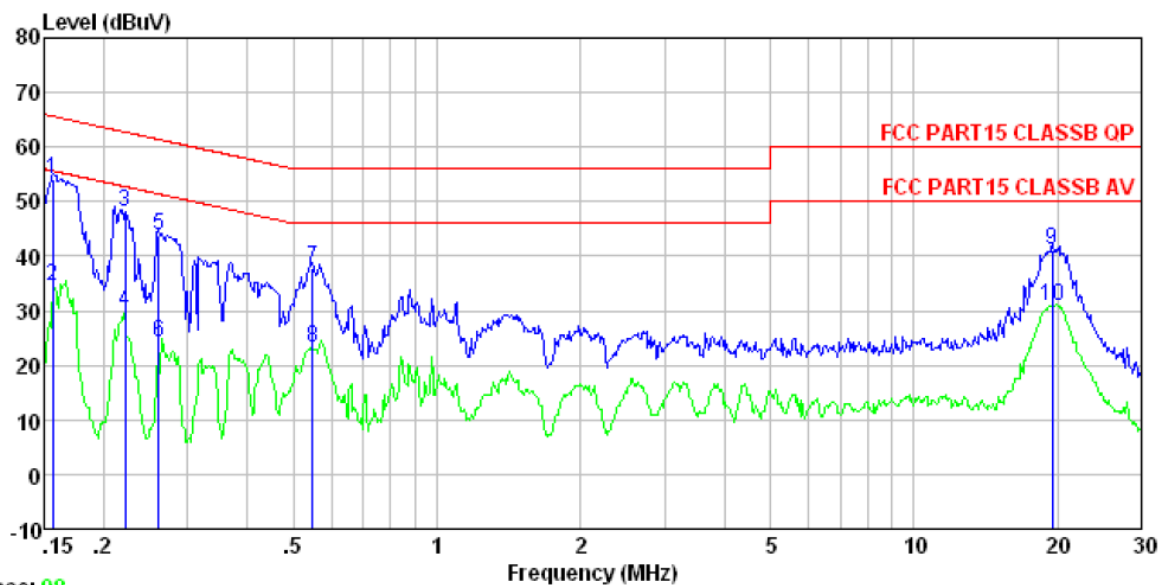
## Disturbance Voltage on AC Mains



Trace: 100

Condition : FCC PART15 CLASSB QP LISN-2013 LINE  
 EUT : 2.4GHz slot car  
 Model No. : 20010117  
 Sample No. : 00130726240-001  
 TUV Order No. : 144003752  
 Test Mode : charging mode

	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.159	53.57	0.15	0.12	53.84	65.52	-11.68	QP
2	0.159	35.11	0.15	0.12	35.38	55.52	-20.14	Average
3	0.218	46.66	0.13	0.13	46.92	62.88	-15.96	QP
4	0.218	29.26	0.13	0.13	29.52	52.88	-23.36	Average
5	0.266	41.21	0.11	0.11	41.43	61.25	-19.82	QP
6	0.266	23.57	0.11	0.11	23.79	51.25	-27.46	Average
7	0.558	36.39	0.13	0.12	36.64	56.00	-19.36	QP
8	0.558	21.79	0.13	0.12	22.04	46.00	-23.96	Average
9	19.635	35.22	0.59	0.22	36.03	60.00	-23.97	QP
10	19.635	22.73	0.59	0.22	23.54	50.00	-26.46	Average



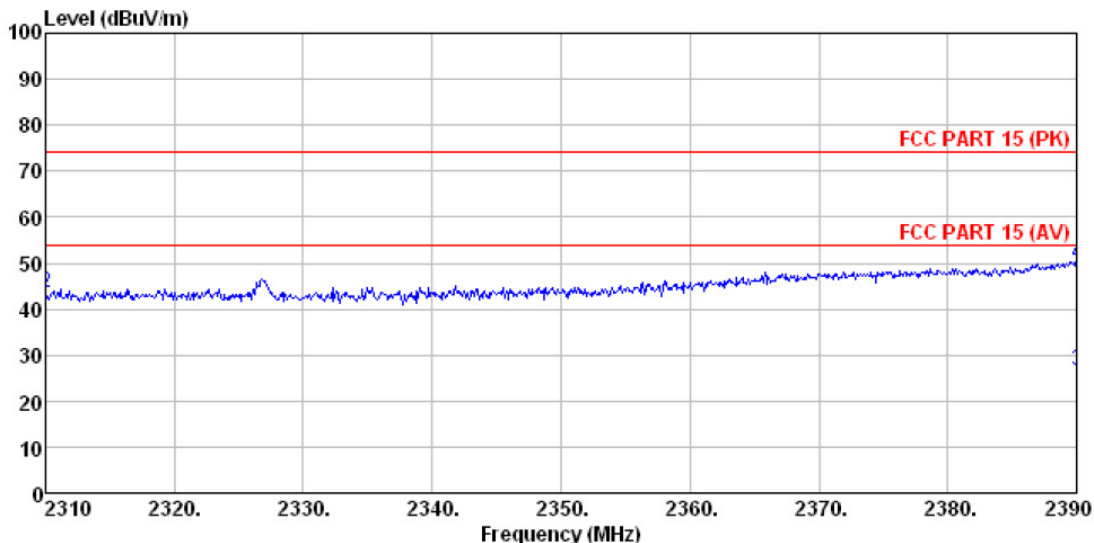
Trace: 98  
 Condition : FCC PART15 CLASSB QP LISN-2013 NEUTRAL  
 EUT : 2.4GHz slot car  
 Model No. : 20010117  
 Sample No. : 00130726240-001  
 TUV Order No. : 144003752  
 Test Mode : charging mode

	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.156	53.79	0.07	0.12	53.98	65.65	-11.67	QP
2	0.156	34.39	0.07	0.12	34.58	55.65	-21.07	Average
3	0.222	47.94	0.06	0.12	48.12	62.76	-14.64	QP
4	0.222	29.65	0.06	0.12	29.83	52.76	-22.93	Average
5	0.260	43.49	0.06	0.11	43.66	61.42	-17.76	QP
6	0.260	23.99	0.06	0.11	24.16	51.42	-27.26	Average
7	0.549	37.78	0.07	0.11	37.96	56.00	-18.04	QP
8	0.549	22.90	0.07	0.11	23.08	46.00	-22.92	Average
9	19.532	40.28	0.50	0.22	41.00	60.00	-19.00	QP
10	19.532	30.12	0.50	0.22	30.84	50.00	-19.16	Average

## Band Edge Compliance

Tx frequency: 2410MHz (radiated measurement)

Data: 1 File: \\192.168.1.155\2013 GTS Project\T\TUV\1357RF\BD\Test data.EM6 (8)

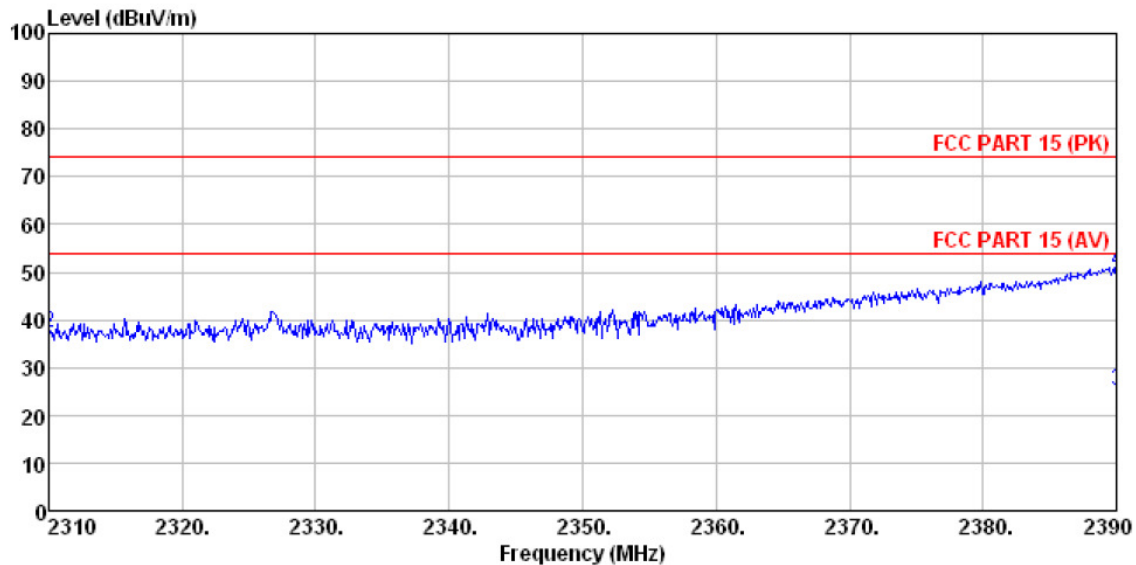


Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 VERTICAL  
 EUT : 2.4GHz Slot car  
 Model No. : 20010117  
 Sample No. : 00130726240-001  
 TUV Order No:  
 Test Mode : TX on mode  
 Remark : 2410MHz

	Freq	ReadAntenna	Cable Preamp	Limit	Over				
	Level Factor	Loss Factor	Level	Line	Limit Remark				
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2310.000	26.93	27.03	5.30	34.11	25.15	54.00	-28.85	Average
2	2310.000	45.16	27.03	5.30	34.11	43.38	74.00	-30.62	Peak
3	2390.000	27.86	27.29	5.38	34.01	26.52	54.00	-27.48	Average
4	2390.000	51.24	27.29	5.38	34.01	49.90	74.00	-24.10	Peak

Vertical polarization

Data: 3 File: \\192.168.1.155\2013 GTS Project\TUV\1357RFBD\Test data.EM6 (8)



Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 HORIZONTAL  
 EUT : 2.4GHz Slot car  
 Model No. : 20010117  
 Sample No. : 00130726240-001  
 TUV Order No:  
 Test Mode : TX on mode  
 Remark : 2410MHz

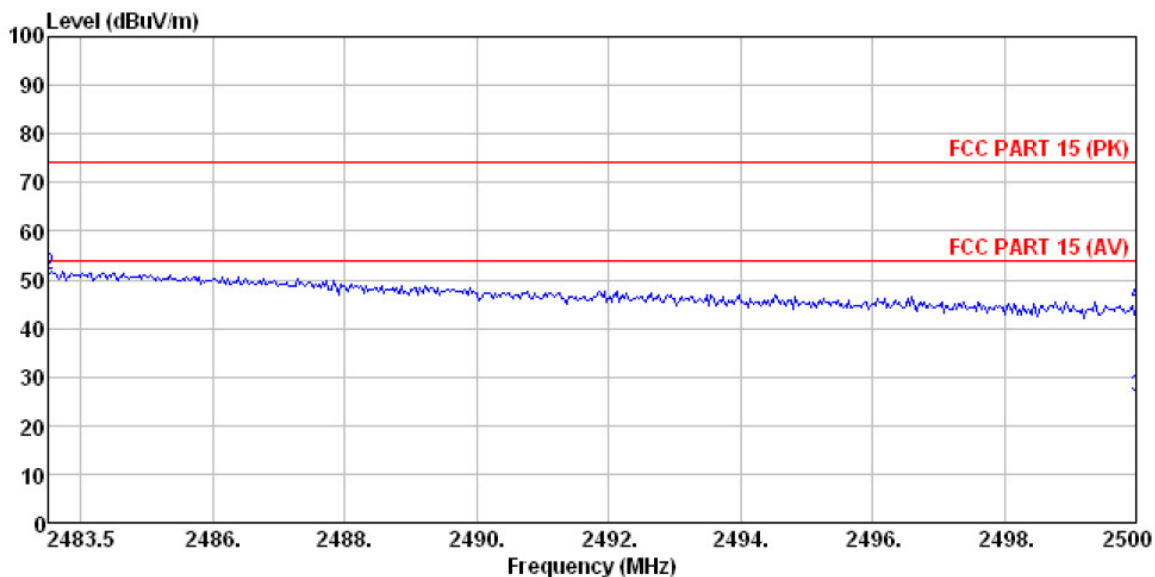
	Read	Antenna	Cable	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Line	Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1 2310.000	26.86	27.03	5.30	34.11	25.08	54.00	-28.92 Average
2 2310.000	39.22	27.03	5.30	34.11	37.44	74.00	-36.56 Peak
3 2390.000	26.61	27.29	5.38	34.01	25.27	54.00	-28.73 Average
4 2390.000	51.70	27.29	5.38	34.01	50.36	74.00	-23.64 Peak

Horizontal polarization

Tx frequency: 2472MHz (radiated measurement)

Data: 7

File: \\192.168.1.155\2013 GTS Project\TUV\1357RF\BD\Test data.EM6 (8)

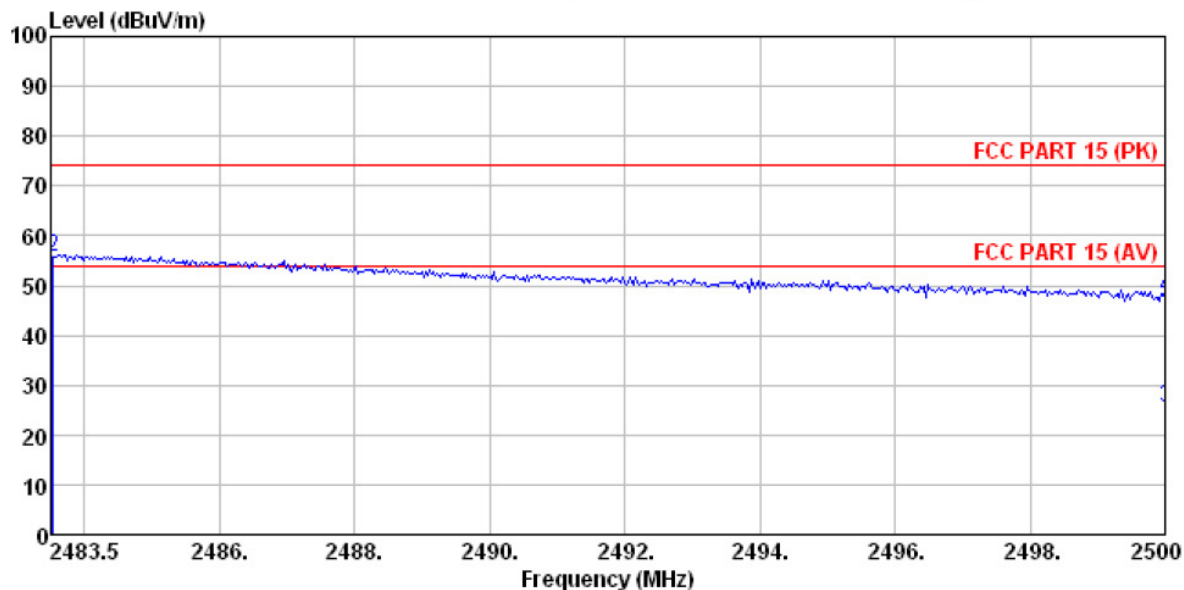


Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 VERTICAL  
 EUT : 2.4GHz Slot car  
 Model No. : 20010117  
 Sample No. : 00130726240-001  
 TUV Order No:  
 Test Mode : TX on mode  
 Remark : 2472MHz

	Freq	ReadAntenna	Cable	Preamp	Limit	Over	
		Level	Factor	Loss	Factor	Line	Limit
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m
							dB
1	2483.500	26.11	27.55	5.47	33.92	25.21	54.00
2	2483.500	51.92	27.55	5.47	33.92	51.02	74.00
3	2500.000	26.72	27.60	5.49	33.90	25.91	54.00
4	2500.000	45.29	27.60	5.49	33.90	44.48	74.00

Vertical polarization

Data: 5 File: \\192.168.1.155\2013 GTS Project\TUV\1357RF\BD\Test data.EM6 (8)



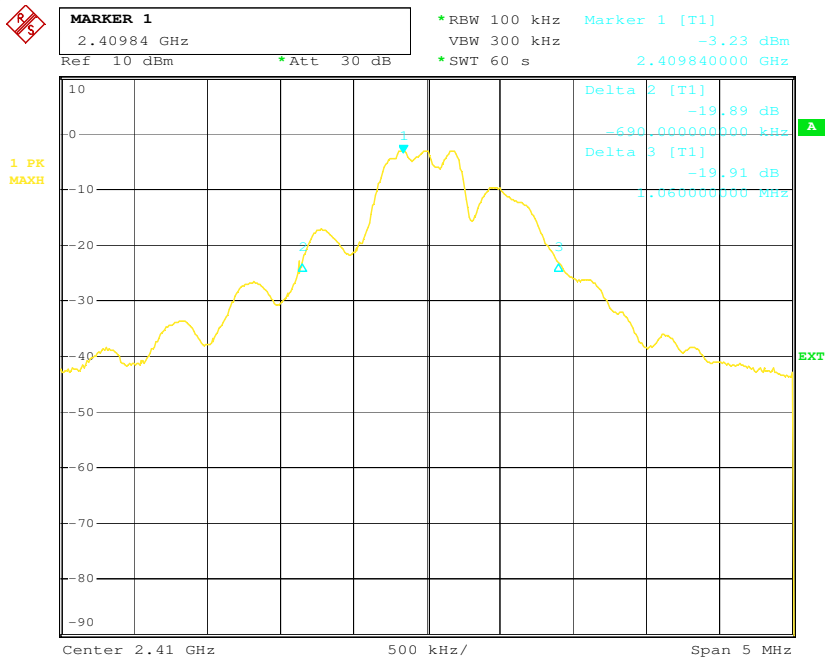
Site : 3m chamber  
 Condition : FCC PART 15 (PK) 3m BBHA9120D(>1G)-2013 HORIZONTAL  
 EUT : 2.4GHz Slot car  
 Model No. : 20010117  
 Sample No. : 00130726240-001  
 TUV Order No:  
 Test Mode : TX on mode  
 Remark : 2472MHz

	Freq	Read	Antenna	Cable	Preamp	Limit	Over	
	MHz	Level	Factor	Loss	Factor	Line	Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	2483.530	26.73	27.55	5.47	33.92	25.83	54.00	-28.17 Average
2	2483.530	56.67	27.55	5.47	33.92	55.77	74.00	-18.23 Peak
3	2500.000	26.39	27.60	5.49	33.90	25.58	54.00	-28.42 Average
4	2500.000	48.42	27.60	5.49	33.90	47.61	74.00	-26.39 Peak

Horizontal polarization

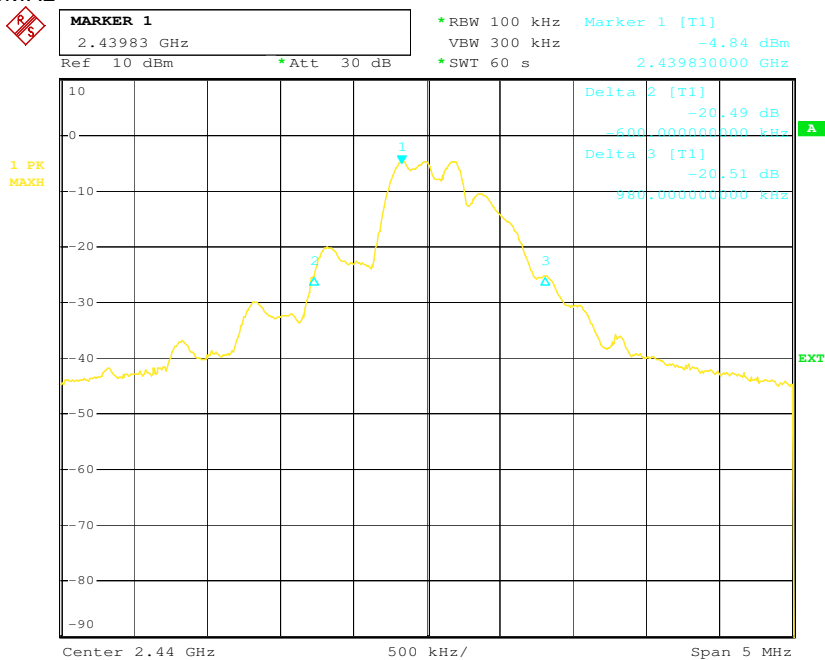
## 20dB Bandwidth

Tx frequency: 2410MHz



Date: 13.AUG.2013 12:18:09

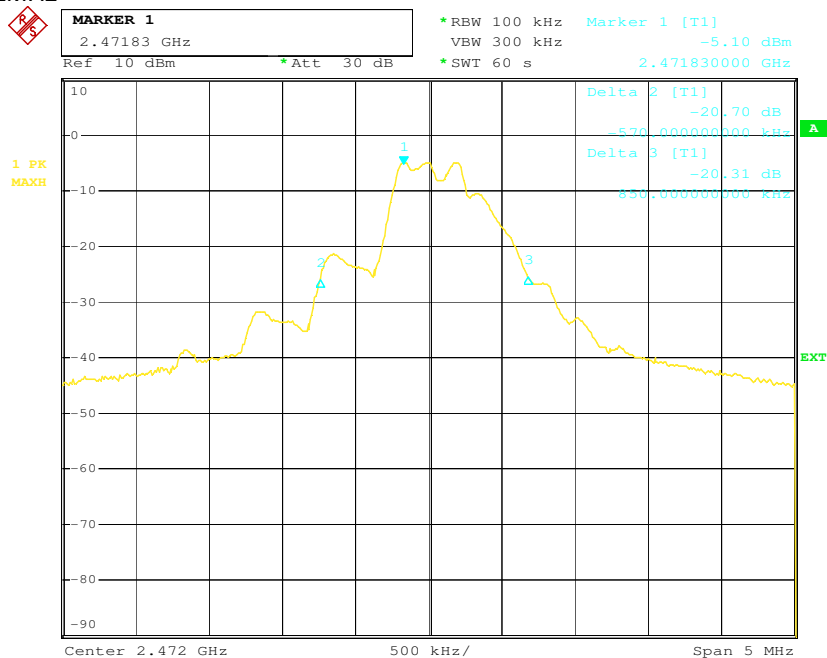
Tx frequency: 2440MHz



Date: 13.AUG.2013 12:13:04



Tx frequency: 2472MHz



Date: 13.AUG.2013 12:15:34