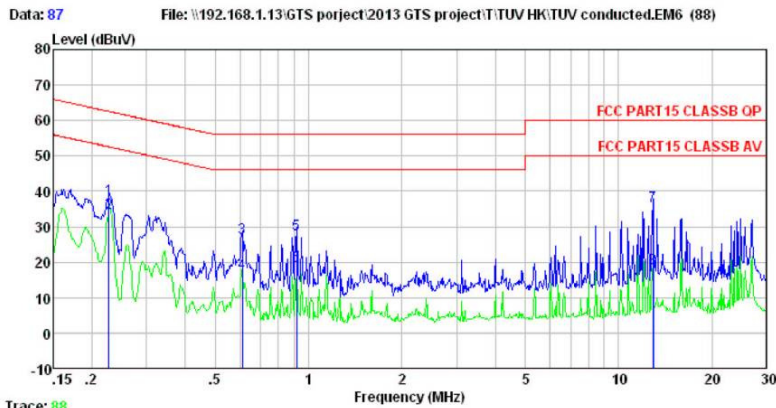


Appendix 1

Test Results

Disturbance Voltage on AC Mains

GTS Lab
 Tel: 86-0755-2779 8480/2779 5869
 Fax: 86-0755-2779 8960
 E-mail: szsale@gstest.com
www.gstest.com

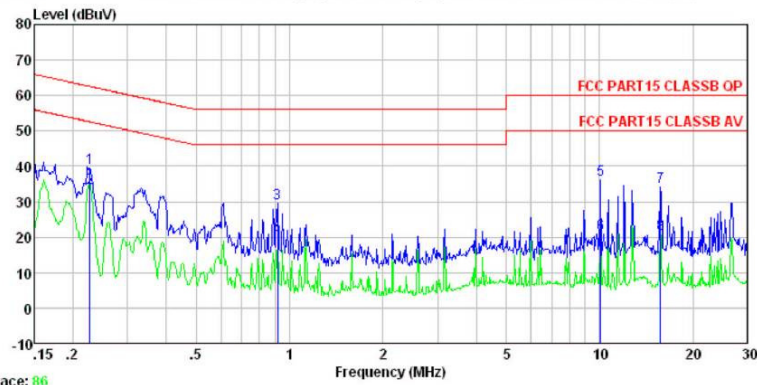


Trace: 88
 Condition : FCC PART15 CLASSB QP LISN-2013 LINE
 EUT : Bluetooth Speaker
 Model No. : EBS5001
 Sample No. : 00130621057-002
 TUV Order No. : 144005771

	Read Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.227	37.56	0.12	0.12	37.80	62.57	-24.77	QP
2	0.227	33.68	0.12	0.12	33.92	52.57	-18.65	Average
3	0.611	26.52	0.13	0.12	26.77	56.00	-29.23	QP
4	0.611	16.69	0.13	0.12	16.94	46.00	-29.06	Average
5	0.914	27.60	0.14	0.13	27.87	56.00	-28.13	QP
6	0.914	18.64	0.14	0.13	18.91	46.00	-27.09	Average
7	12.920	35.37	0.34	0.21	35.92	60.00	-24.08	QP
8	12.920	17.67	0.34	0.21	18.22	50.00	-31.78	Average

GTS Lab
 Tel: 86-0755-2779 8480/2779 5869
 Fax: 86-0755-2779 8960
 E-mail: szsale@gstest.com
www.gstest.com

Data: 85 File: \\192.168.1.13\GTS project\2013 GTS project\TUV HK\TUV conducted\EM6 (88)

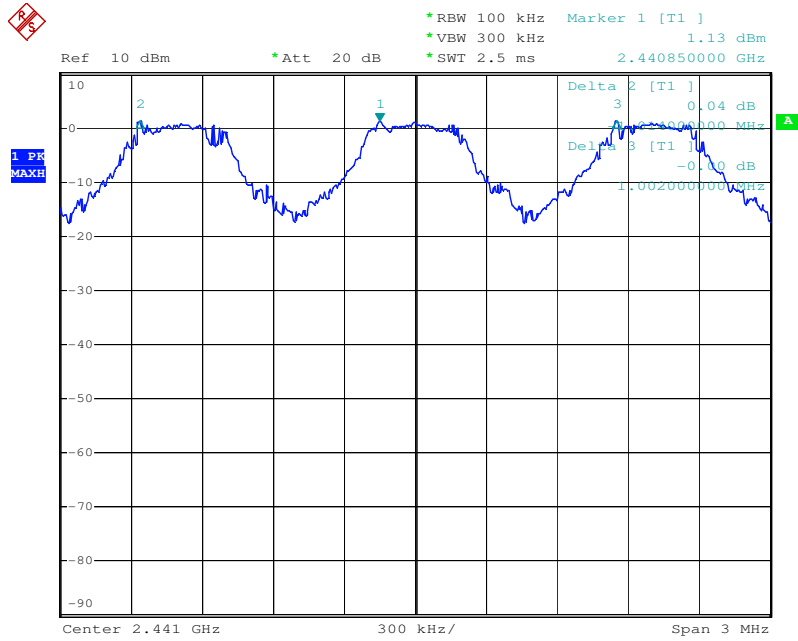


Trace: 86
 Condition : FCC PART15 CLASSB QP LISN-2013 NEUTRAL
 EUT : Bluetooth Speaker
 Model No. : EBSS001
 Sample No. : 00130621057-002
 TUV Order No. : 144005771

	Read Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.227	39.16	0.06	0.12	39.34	62.57	-23.23	QP
2	0.227	33.68	0.06	0.12	33.86	52.57	-18.71	Average
3	0.914	29.42	0.07	0.13	29.62	56.00	-26.38	QP
4	0.914	19.67	0.07	0.13	19.87	46.00	-26.13	Average
5	10.072	35.81	0.24	0.19	36.24	60.00	-23.76	QP
6	10.072	20.49	0.24	0.19	20.92	50.00	-29.08	Average
7	15.718	33.47	0.34	0.22	34.03	60.00	-25.97	QP
8	15.718	20.44	0.34	0.22	21.00	50.00	-29.00	Average

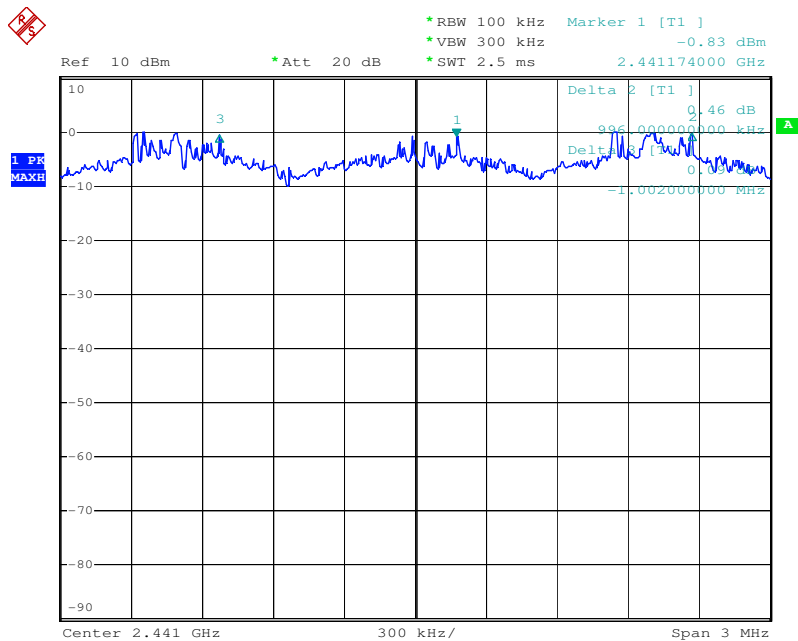
Carrier Frequency Separation

GFSK



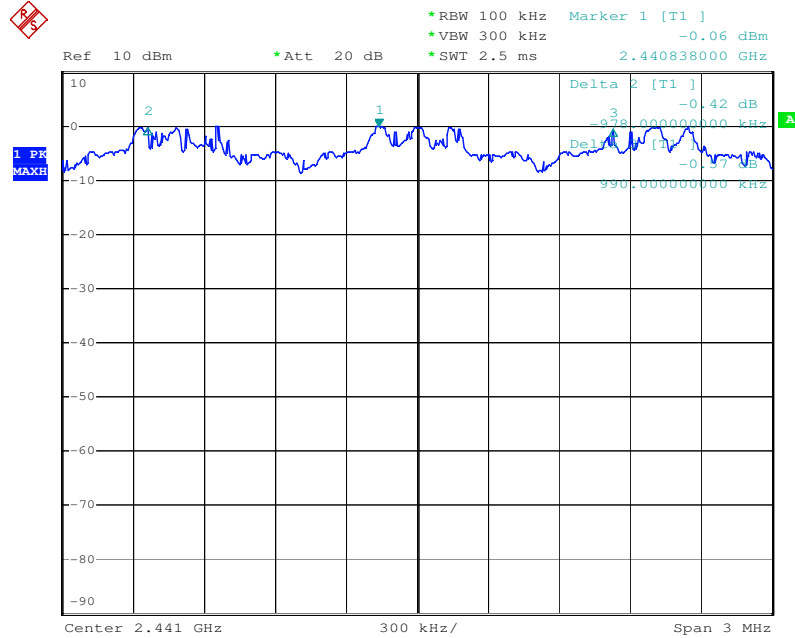
Pi/4 DQPSK

Date: 22.AUG.2013 11:52:54



Date: 22.AUG.2013 11:54:31

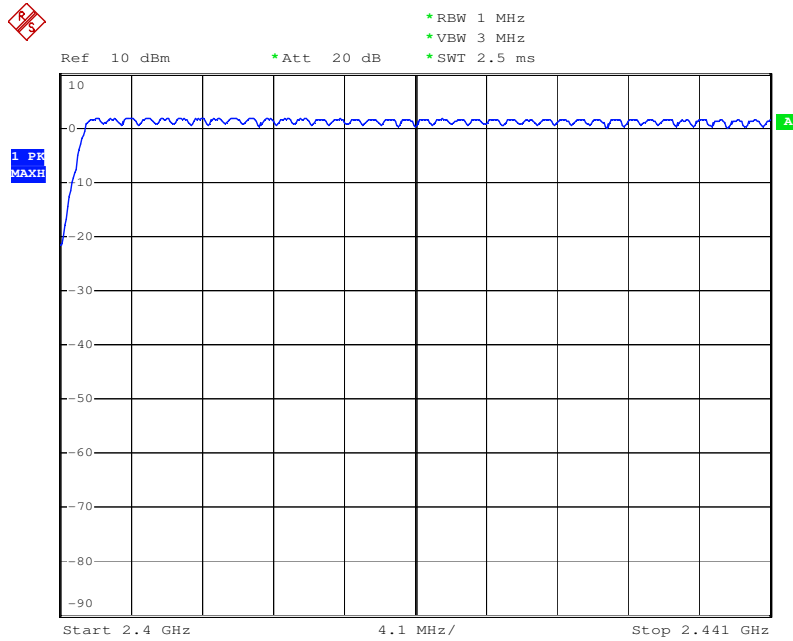
8 DPSK



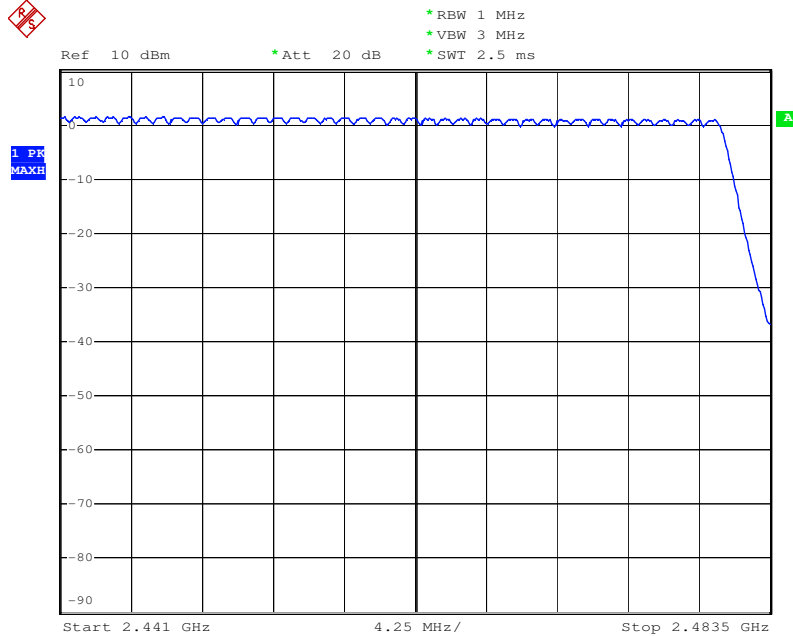
Date: 22.AUG.2013 12:00:28

Number of hopping channels

GFSK

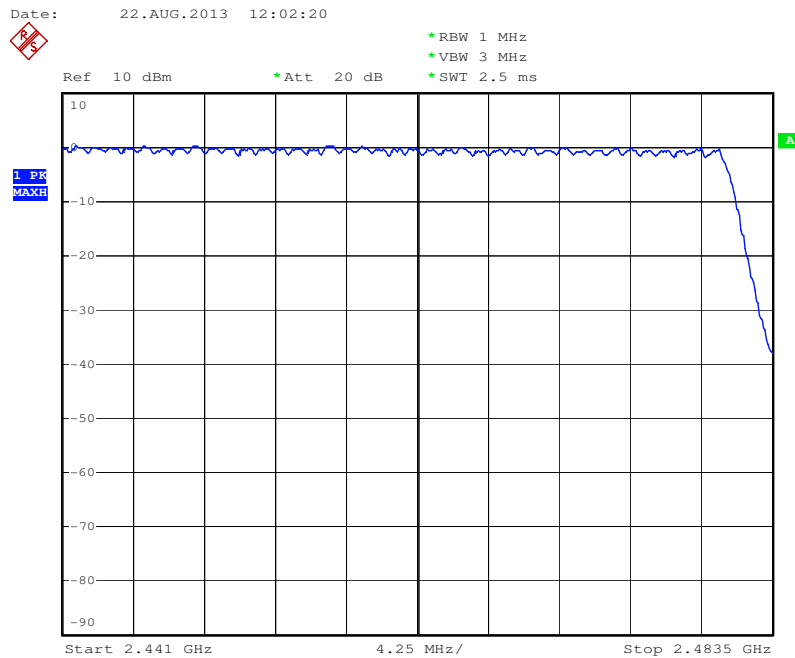
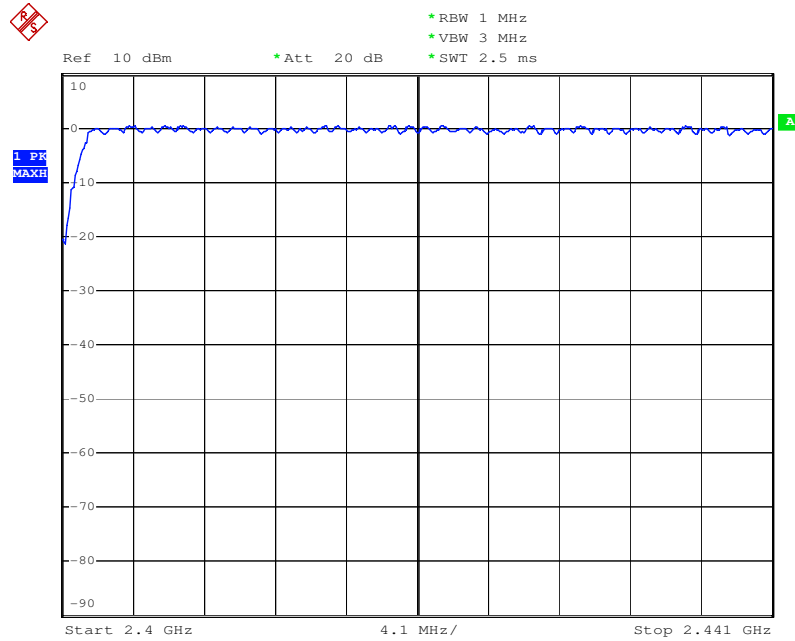


Date: 22.AUG.2013 12:03:18



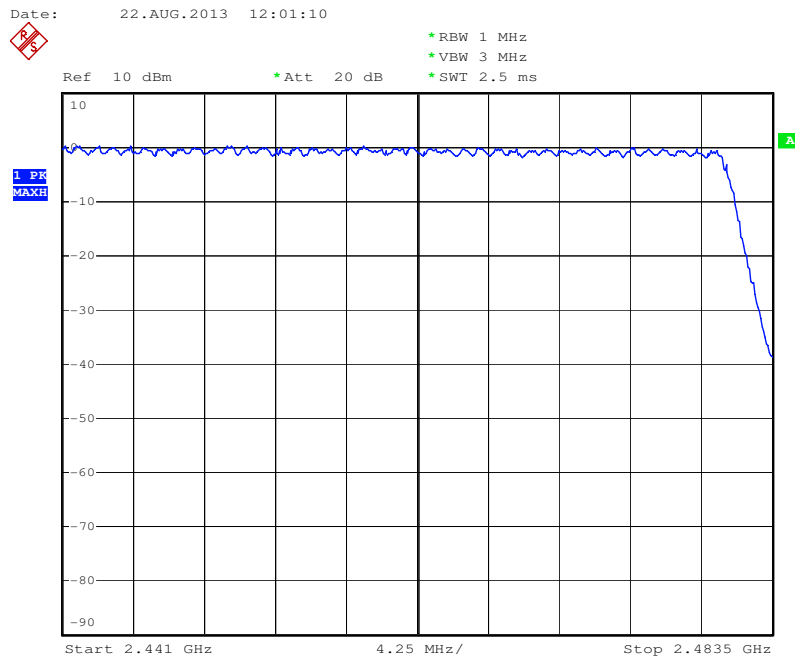
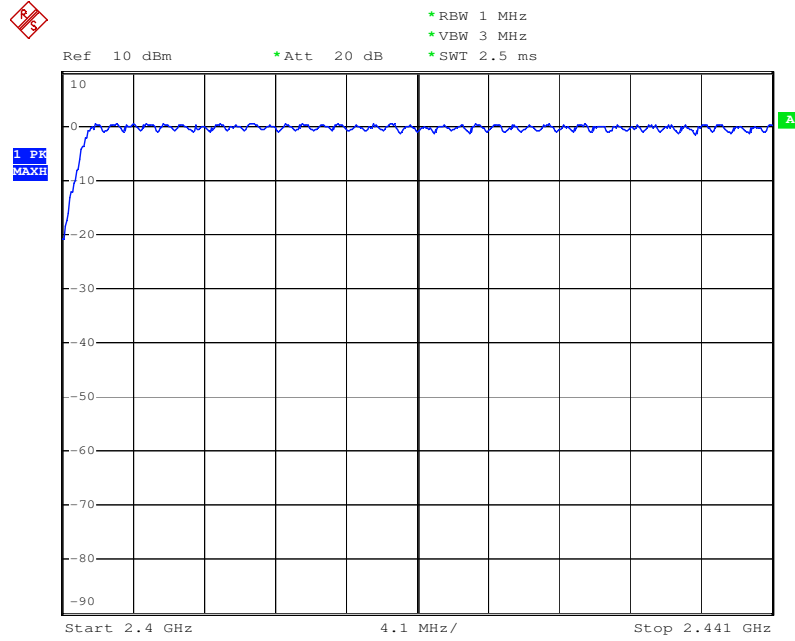
Date: 22.AUG.2013 12:03:41

Pi/4 DQPSK



Date: 22.AUG.2013 12:02:49

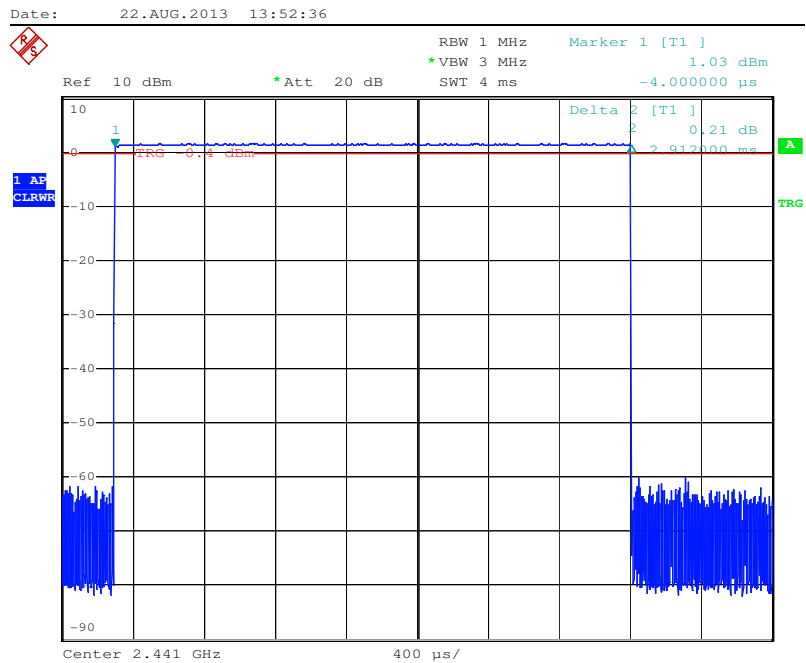
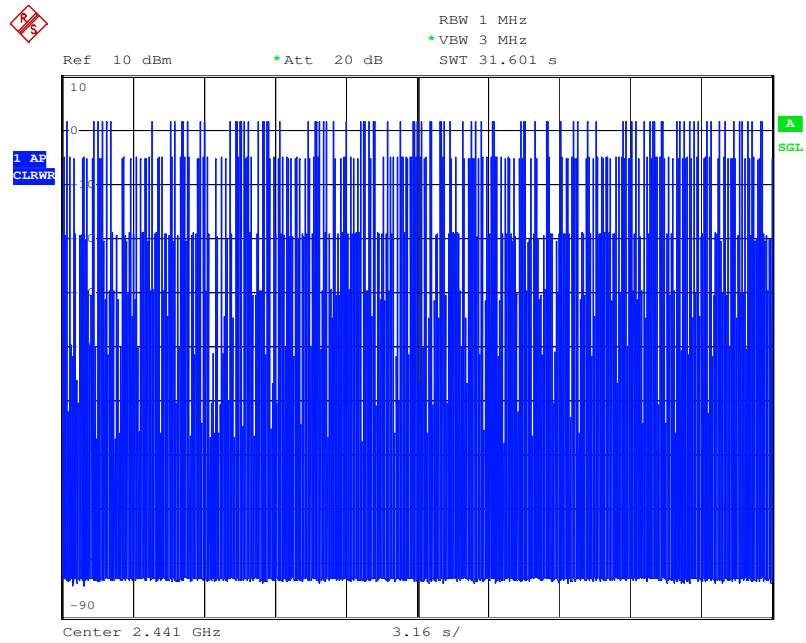
8 DPSK



Date: 22.AUG.2013 12:01:30

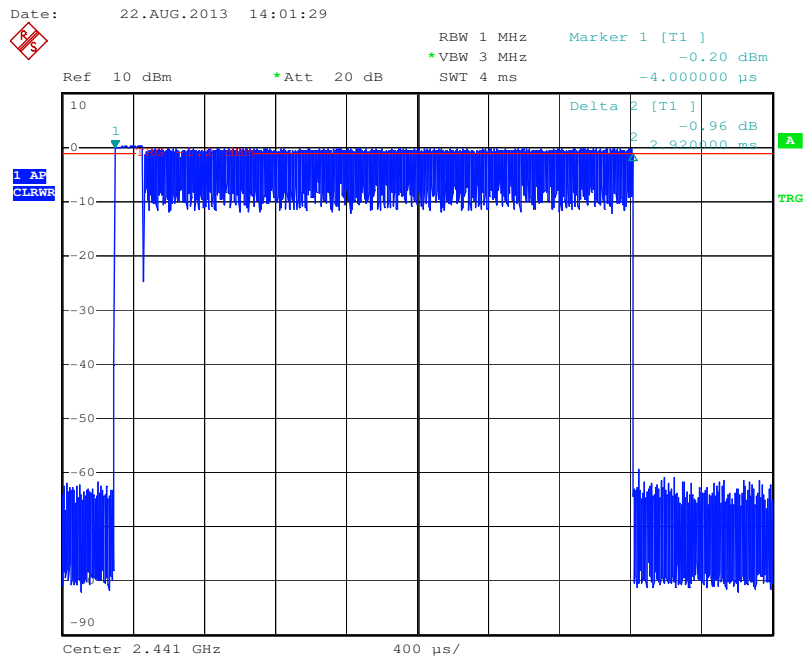
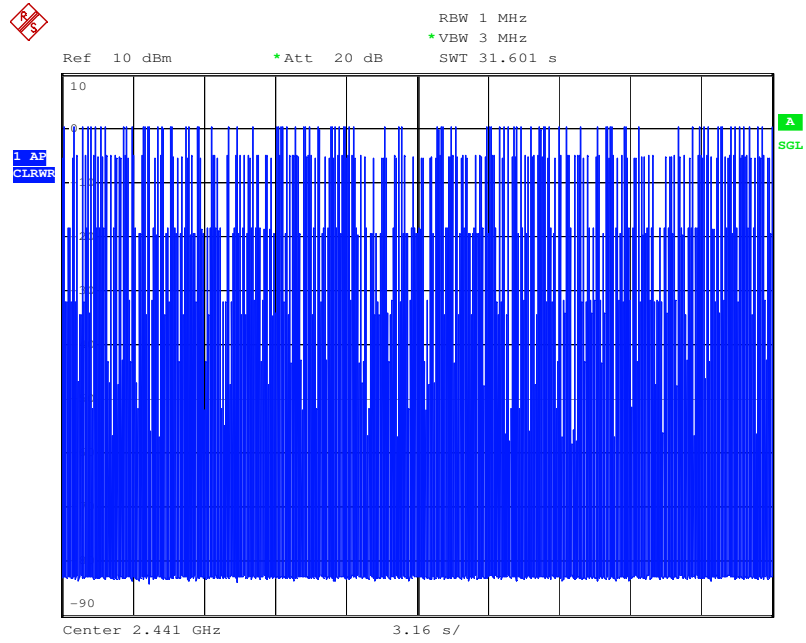
Dwell Time

GFSK



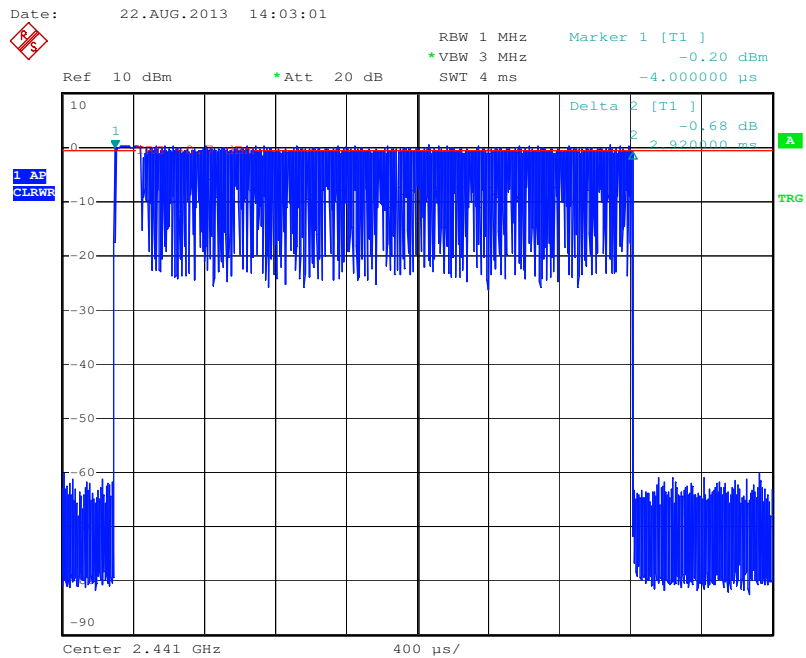
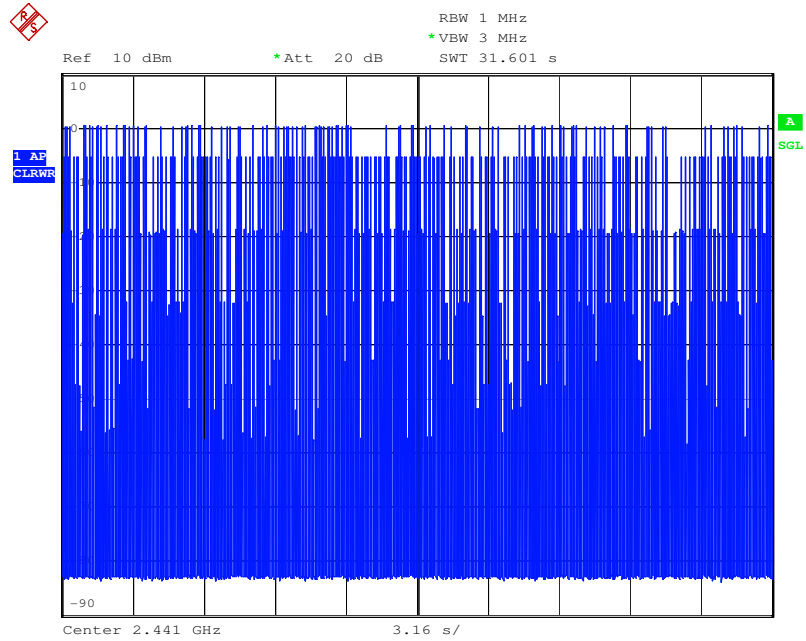
Date: 22.AUG.2013 13:53:00

Pi/4 DQPSK



Date: 22.AUG.2013 14:02:01

8 DPSK

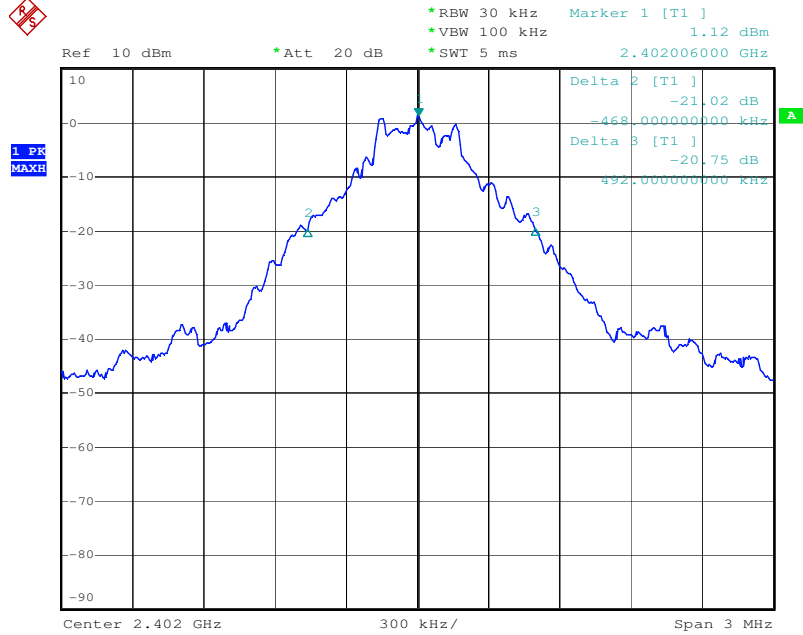


Date: 22.AUG.2013 14:03:31

20dB Bandwidth

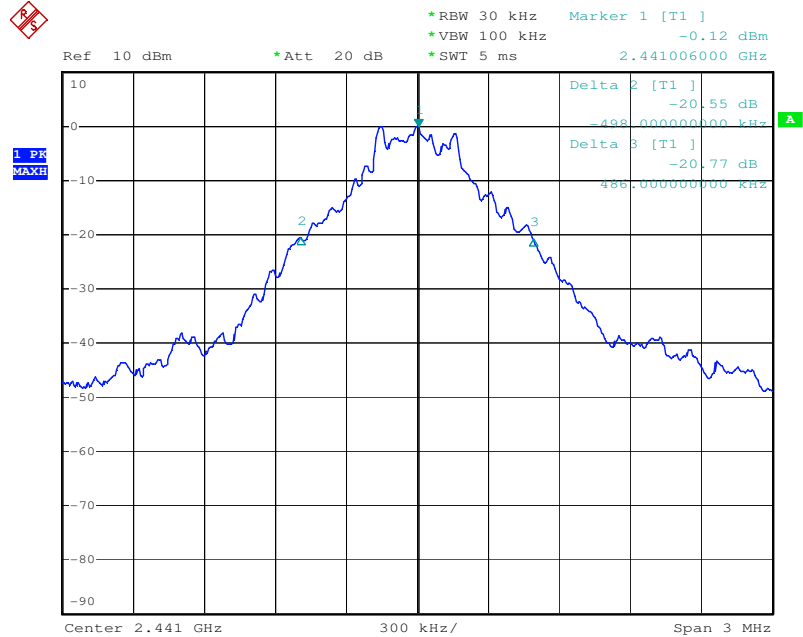
GFSK

Tx frequency: 2402MHz



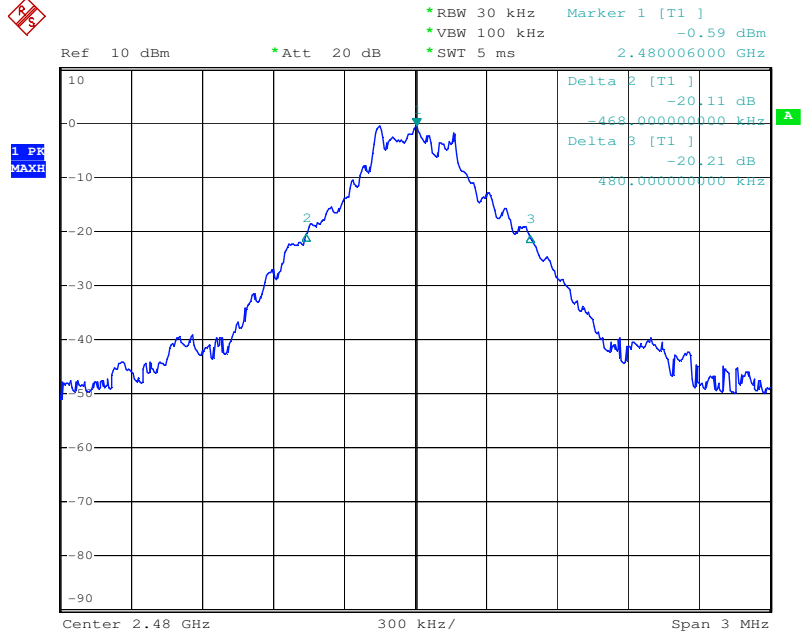
Date: 27.AUG.2013 21:03:14

Tx frequency: 2441MHz



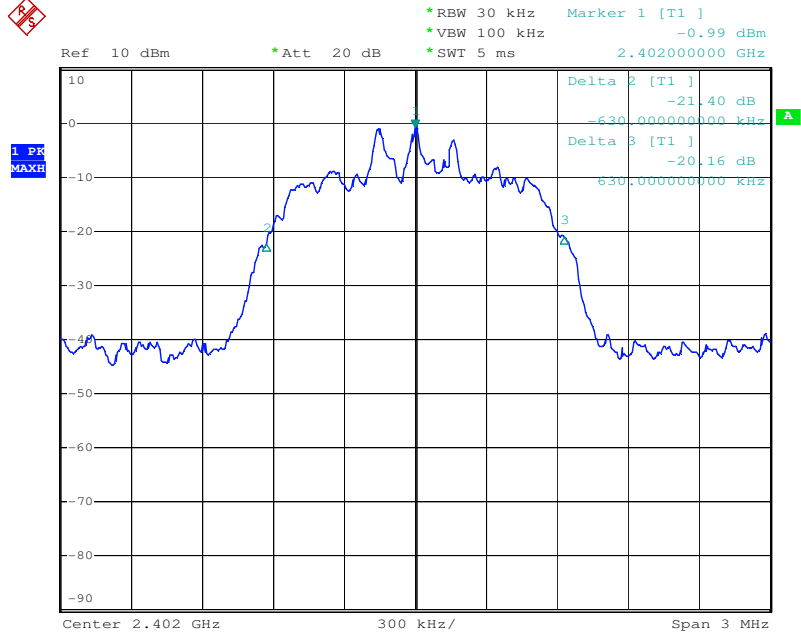
Date: 22.AUG.2013 14:11:15

GFSK
Tx frequency: 2480MHz



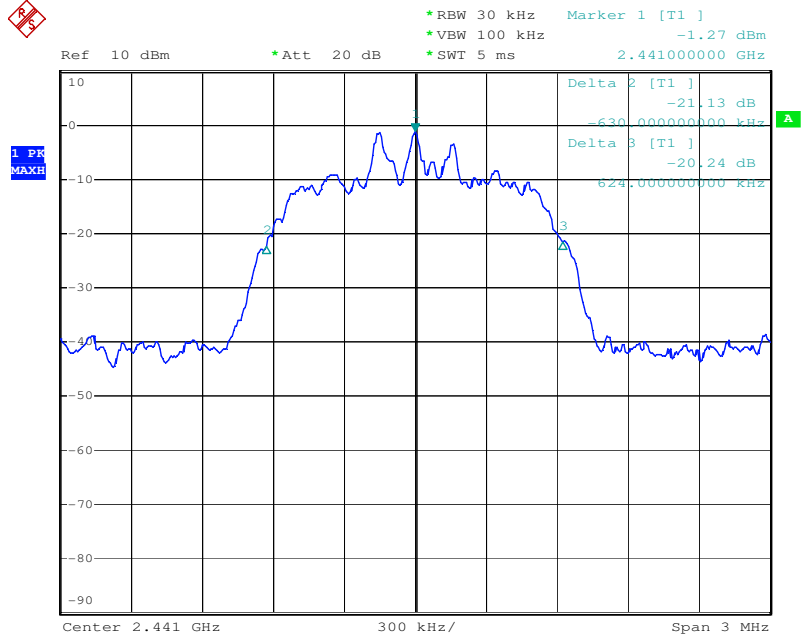
Date: 22.AUG.2013 14:12:08

Pi/4 DQPSK
Tx frequency: 2402MHz



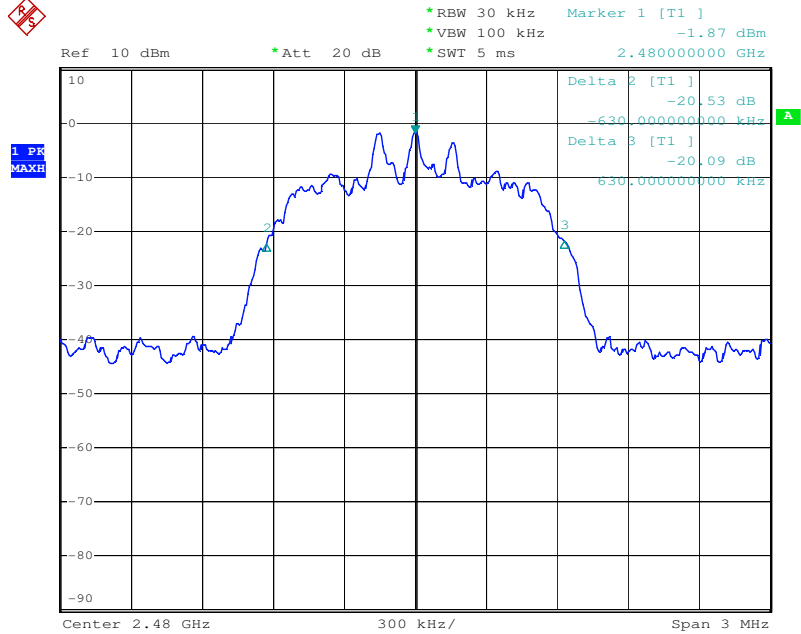
Date: 22.AUG.2013 14:09:03

Tx frequency: 2441MHz



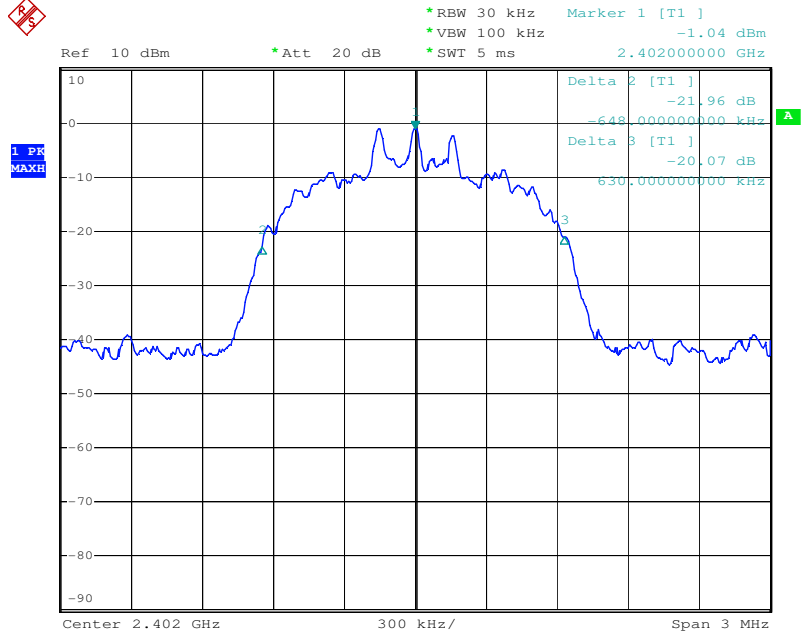
Date: 22.AUG.2013 14:08:13

Pi/4 DQPSK
Tx frequency: 2480MHz



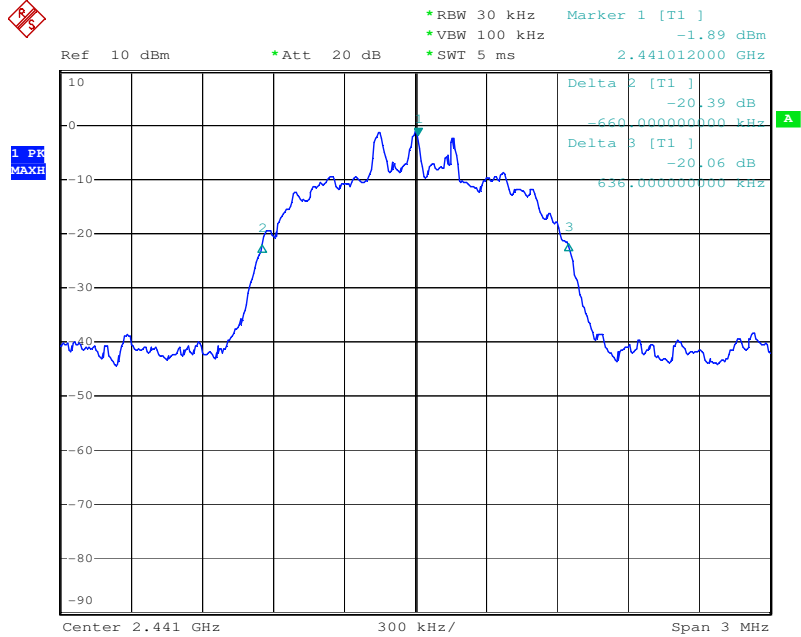
Date: 22.AUG.2013 14:07:14

8 DPSK
Tx frequency: 2402MHz



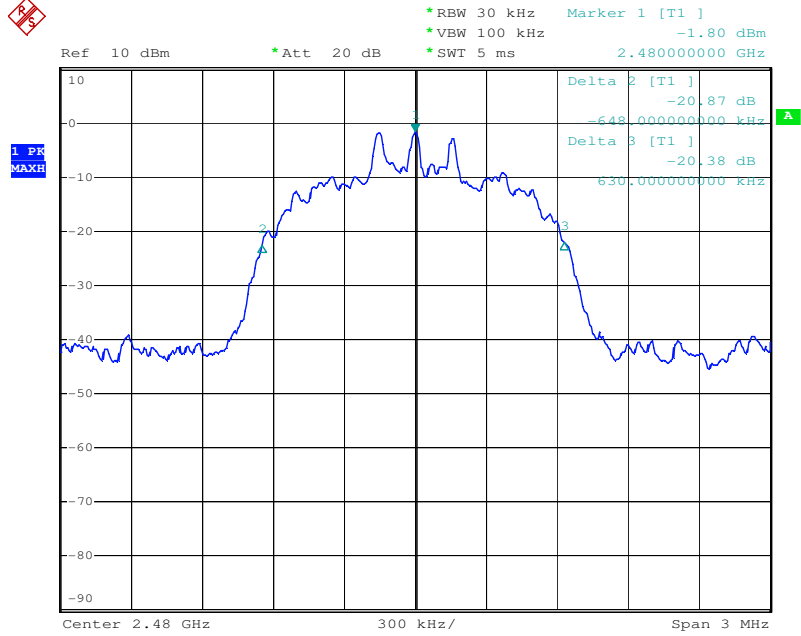
Date: 22.AUG.2013 14:04:42

Tx frequency: 2441MHz



Date: 22.AUG.2013 14:05:30

8 DPSK
Tx frequency: 2480MHz

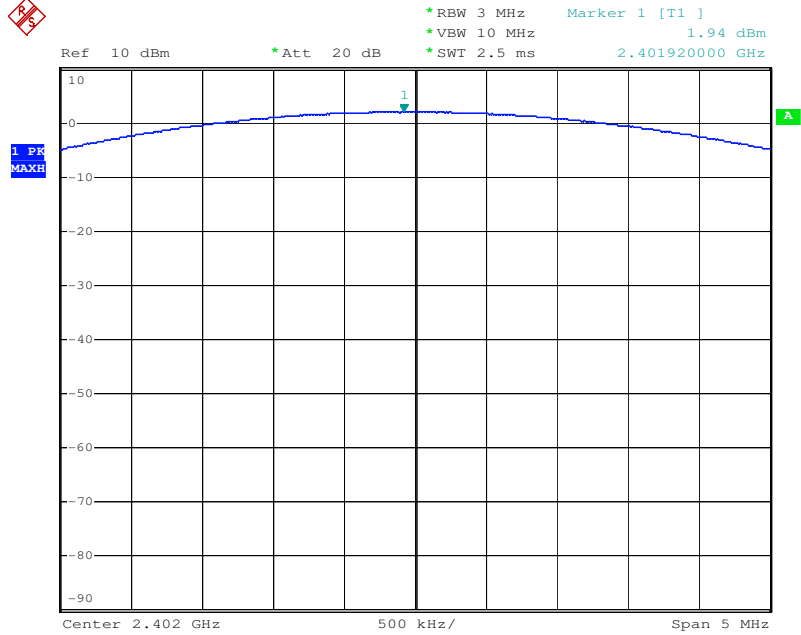


Date: 22.AUG.2013 14:06:15

Peak Output Power

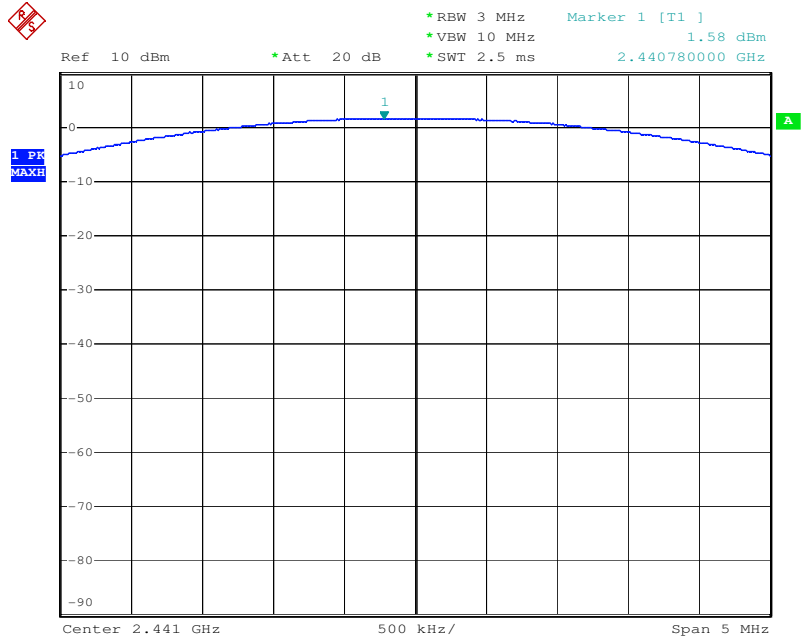
GFSK

Tx frequency: 2402MHz



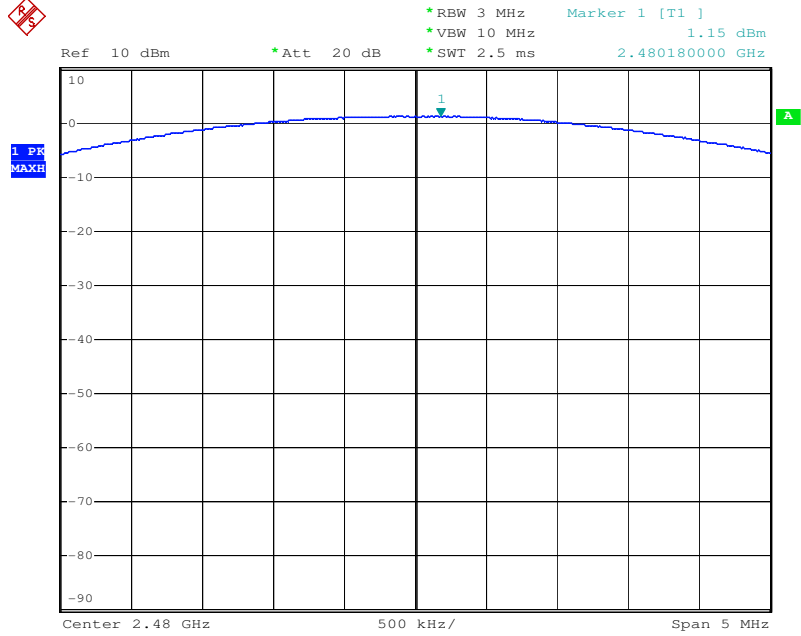
Date: 22.AUG.2013 14:19:06

Tx frequency: 2441MHz



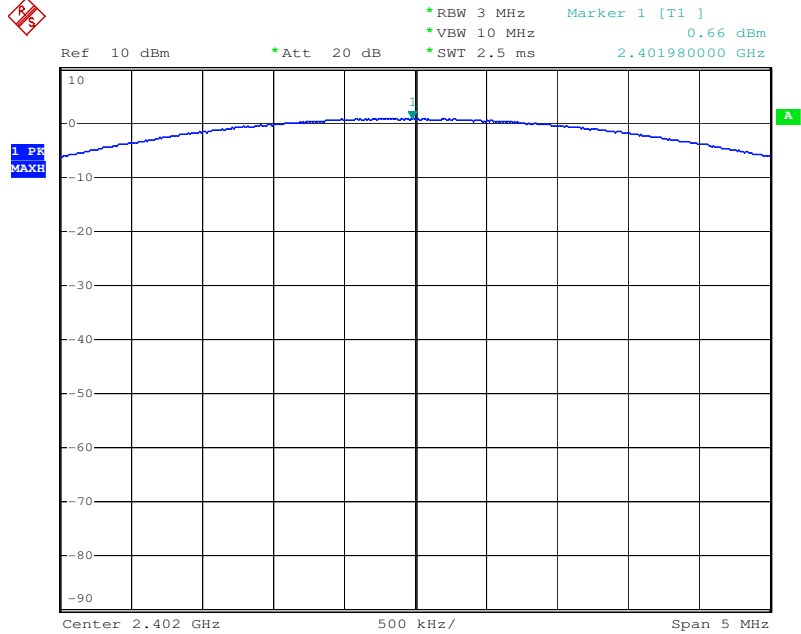
Date: 22.AUG.2013 14:18:33

GFSK
Tx frequency: 2480MHz



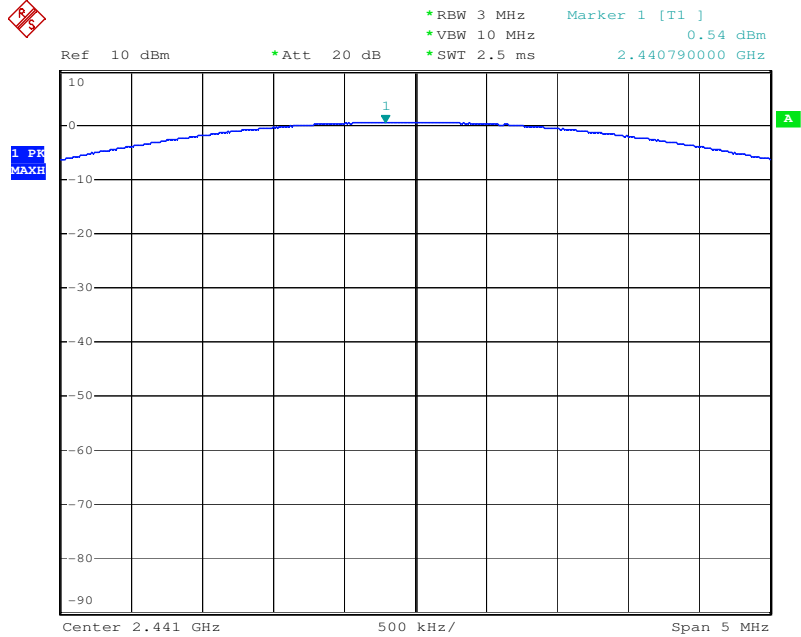
Date: 22.AUG.2013 14:18:15

Pi/4 DQPSK
Tx frequency: 2402MHz



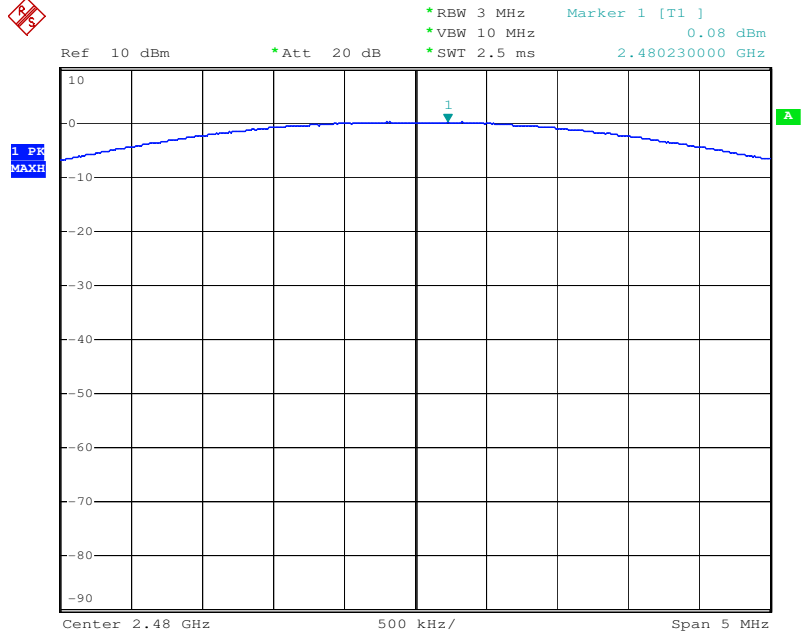
Date: 22.AUG.2013 14:19:30

Tx frequency: 2441MHz



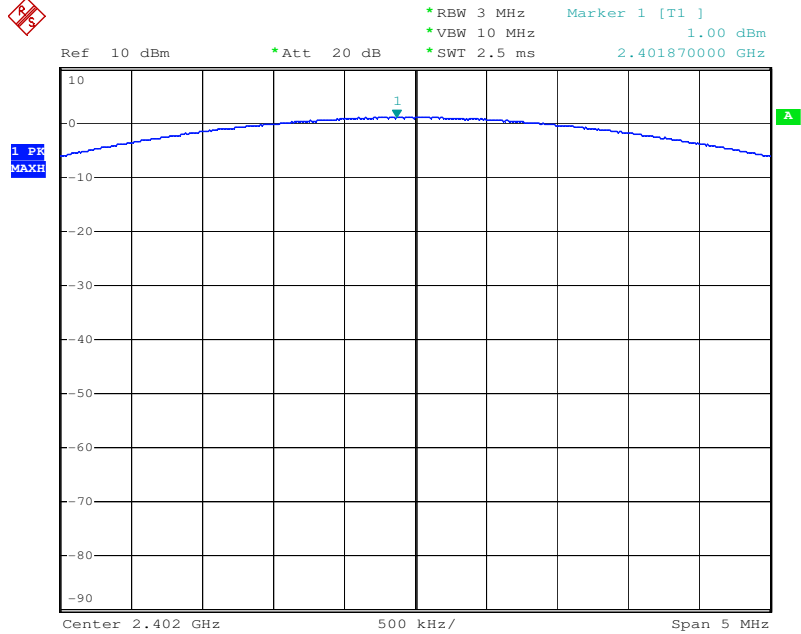
Date: 22.AUG.2013 14:19:51

Pi/4 DQPSK
Tx frequency: 2480MHz



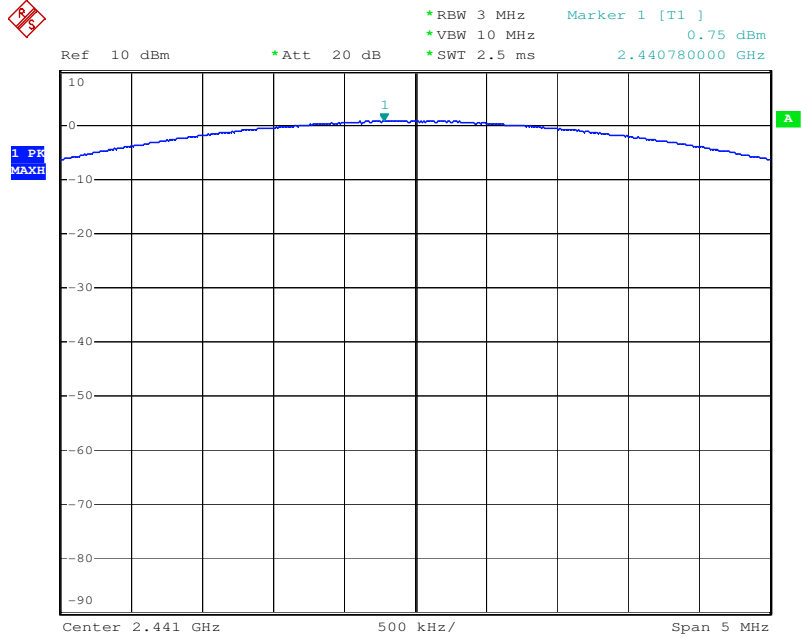
Date: 22.AUG.2013 14:20:25

8 DPSK
Tx frequency: 2402MHz



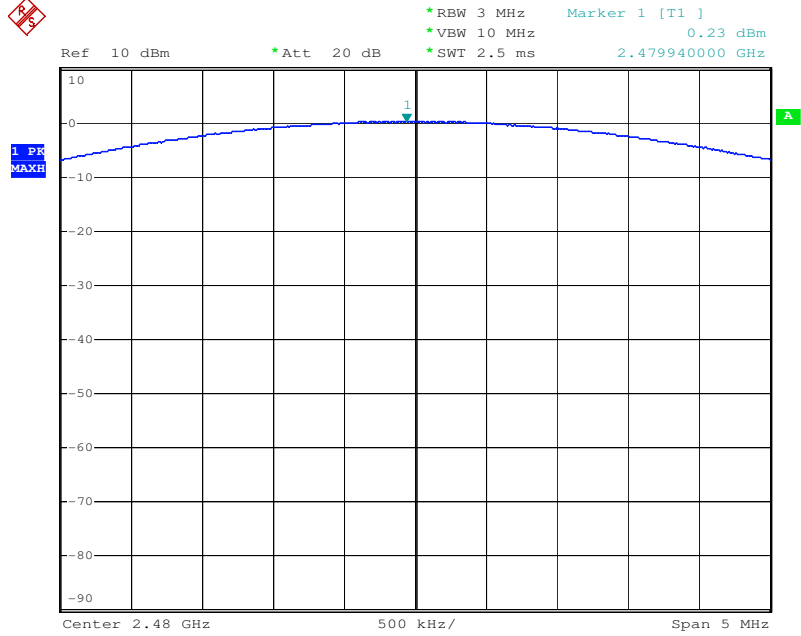
Date: 22.AUG.2013 14:22:07

Tx frequency: 2441MHz



Date: 22.AUG.2013 14:21:03

8 DPSK
Tx frequency: 2480MHz

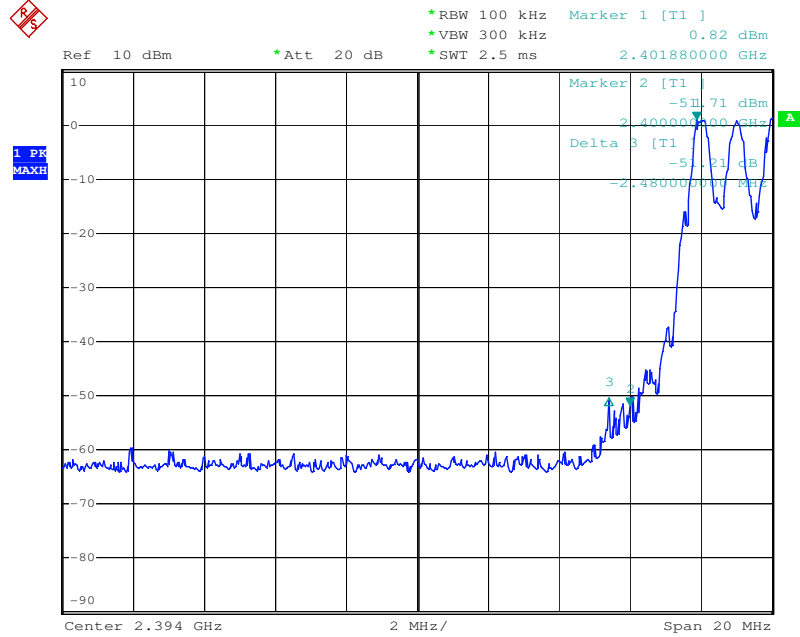


Date: 22.AUG.2013 14:20:48

Band Edge Compliance

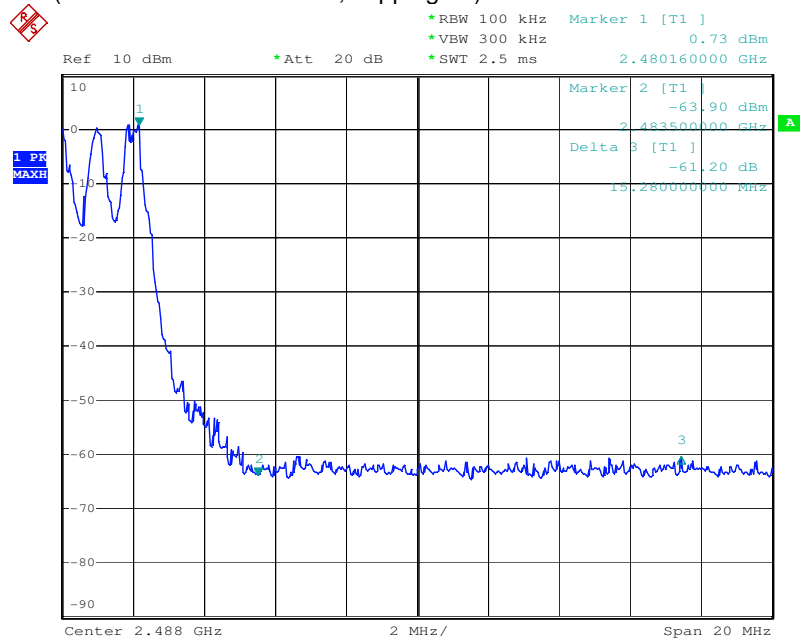
GFSK

Tx frequency: 2402MHz (conducted measurement; hopping on)



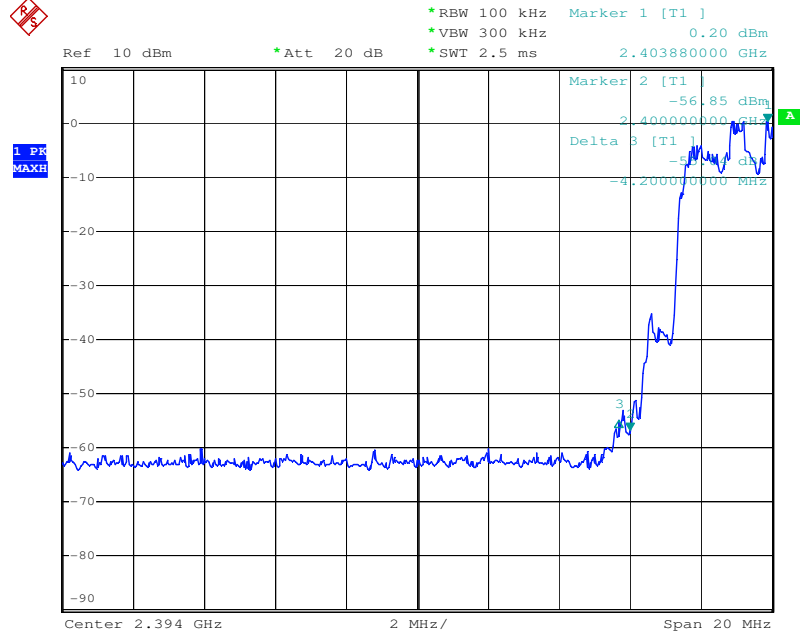
Date: 22.AUG.2013 14:31:16

Tx frequency: 2480MHz (conducted measurement; hopping on)



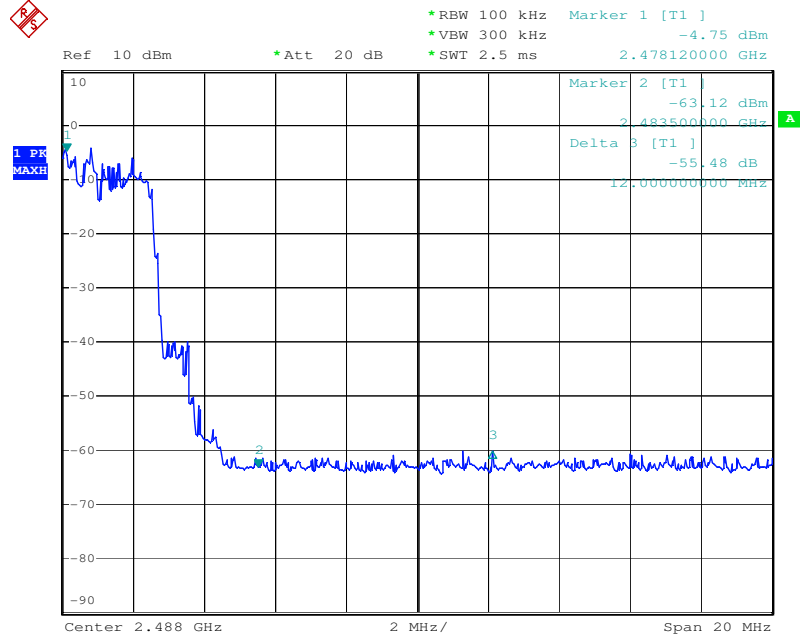
Date: 22.AUG.2013 14:31:47

Pi/4 DQPSK
 Tx frequency: 2402MHz (conducted measurement; hopping on)



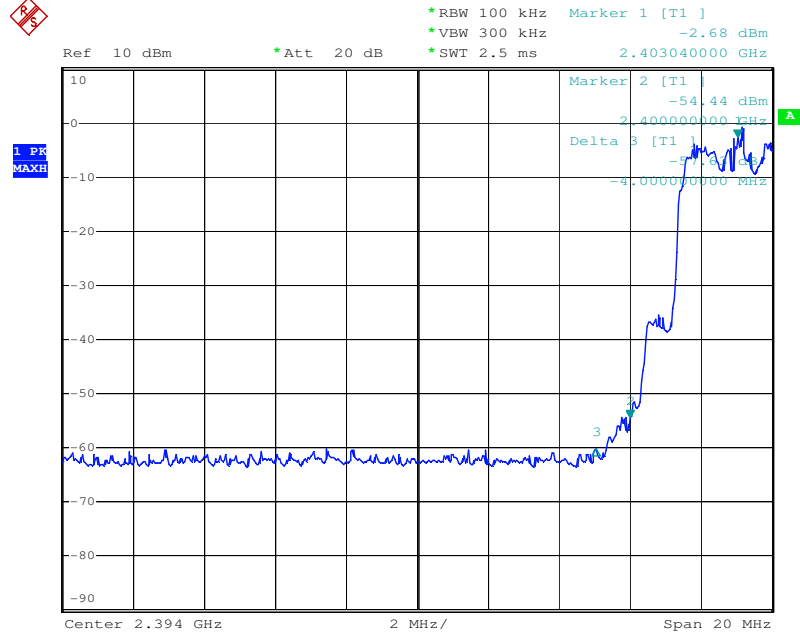
Date: 22.AUG.2013 14:29:46

Tx frequency: 2480MHz (conducted measurement; hopping on)



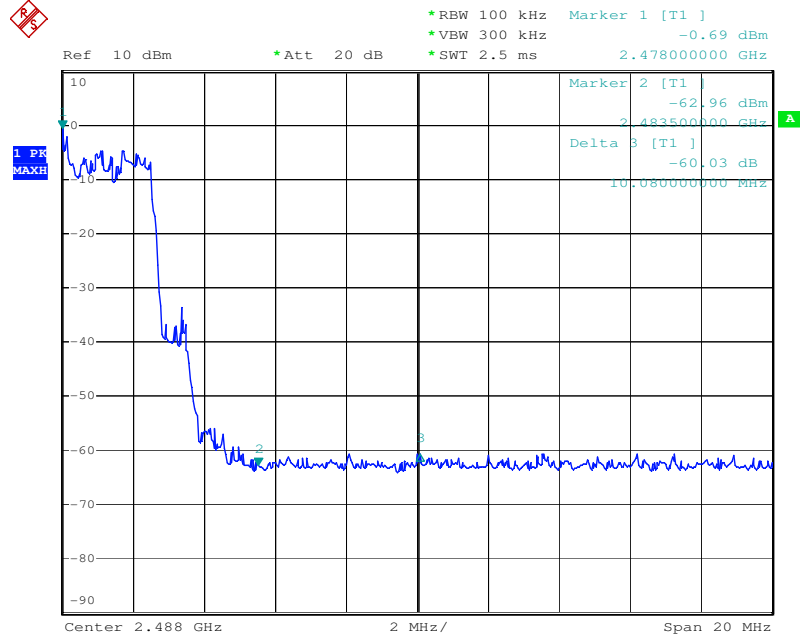
Date: 22.AUG.2013 14:30:26

8 DPSK
 Tx frequency: 2402MHz (conducted measurement; hopping on)



Date: 22.AUG.2013 14:24:00

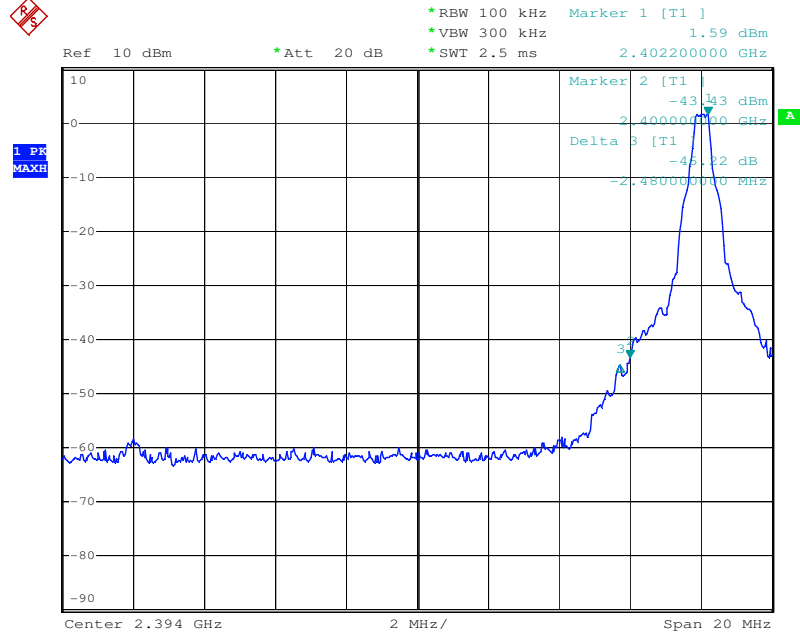
Tx frequency: 2480MHz (conducted measurement; hopping on)



Date: 22.AUG.2013 14:24:53

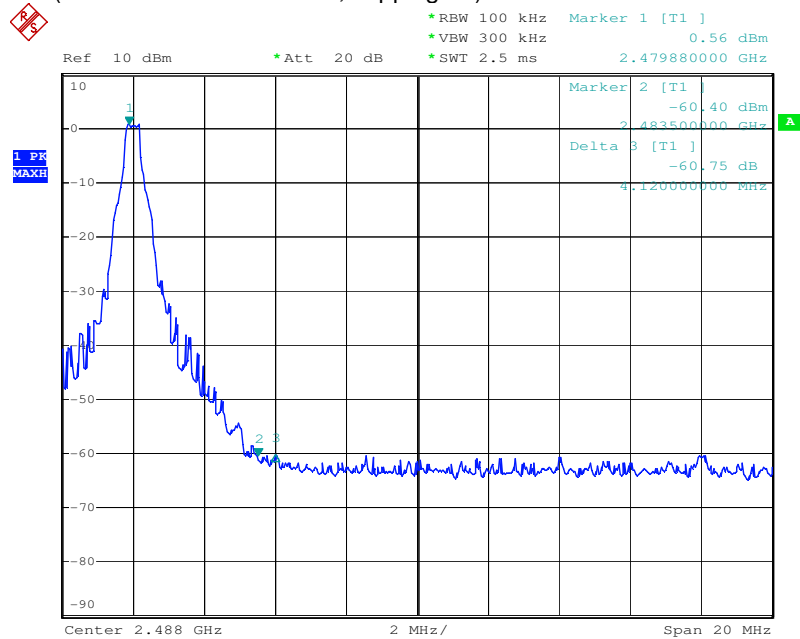
GFSK

Tx frequency: 2402MHz (conducted measurement; hopping off)



Date: 22.AUG.2013 14:34:33

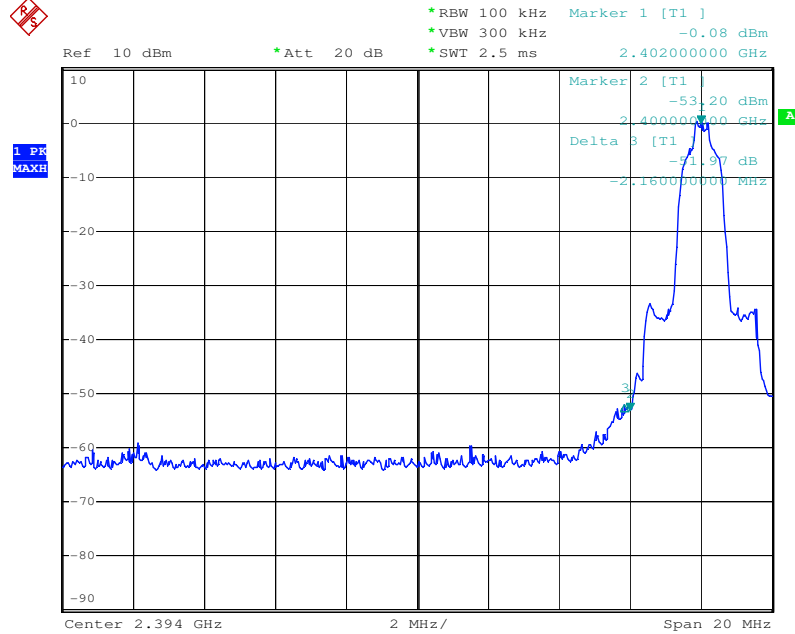
Tx frequency: 2480MHz (conducted measurement; hopping off)



Date: 22.AUG.2013 14:35:16

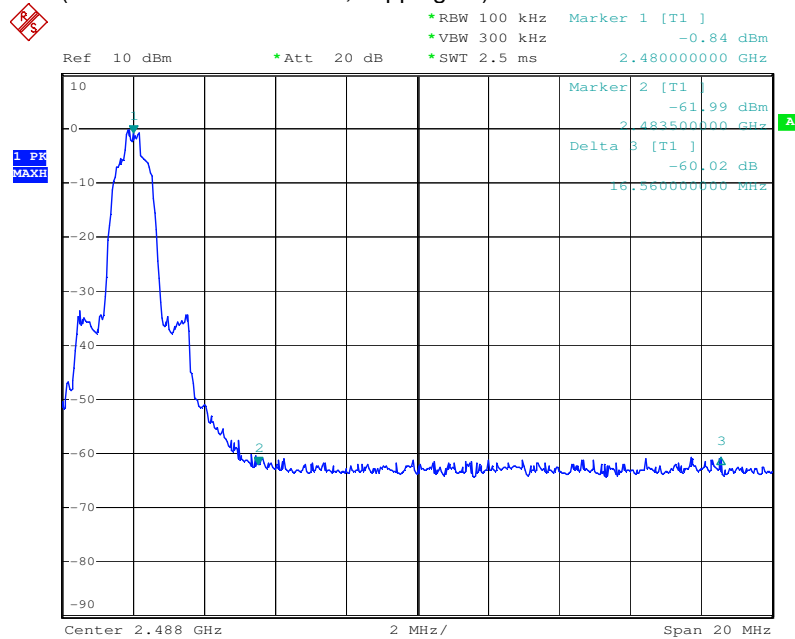
Pi/4 DQPSK

Tx frequency: 2402MHz (conducted measurement; hopping off)



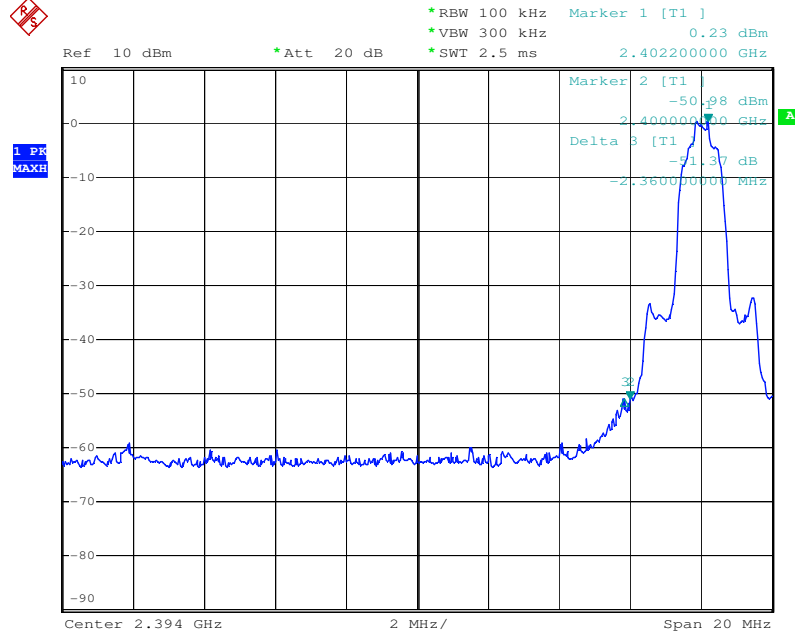
Date: 22.AUG.2013 14:28:50

Tx frequency: 2480MHz (conducted measurement; hopping off)



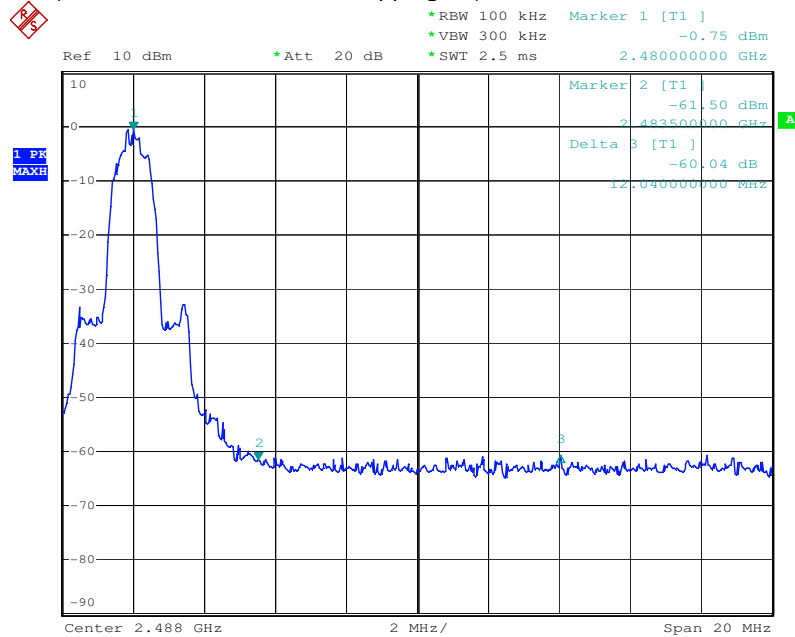
Date: 22.AUG.2013 14:28:03

8 DPSK
 Tx frequency: 2402MHz (conducted measurement; hopping off)



Date: 22.AUG.2013 14:26:12

Tx frequency: 2480MHz (conducted measurement; hopping off)



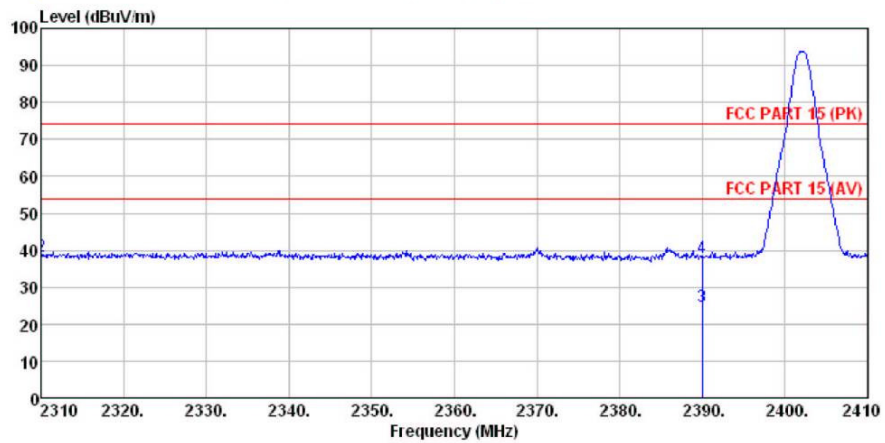
Date: 22.AUG.2013 14:26:57

Tx frequency: 2402MHz (radiated measurement), GFSK

Vertical Polarization

GTS Lab
 Tel: 86-0755-2779 8480/2779 5869
 Fax: 86-0755-2779 8960
 E-mail: szsale@gtstest.com
www.gtstest.com

Data: 1 File: \\192.168.1.155\2013 GTS Project\T.TUV\1247RF\bd\Test data.EM6 (8)



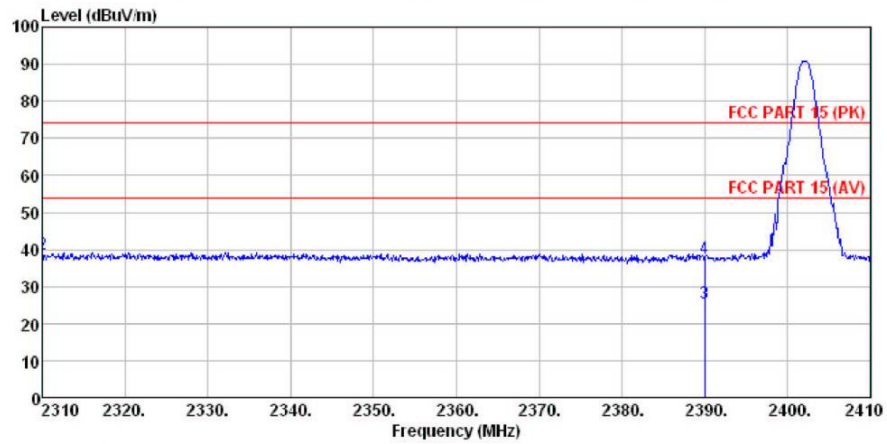
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D ANT(>1GHz) VERTICAL
 EUT : Bluetooth Speaker
 Model No. : EBS5001
 Sample No. : 00130621057-001
 TUV Order No: 144005771
 Test Mode : TX on mode
 Remark : 2402MHz

	ReadAntenna	Cable	Preamp	Limit	Over				
Freq	Level	Factor	Loss	Factor	Level	Line			
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m			
1	2310.000	26.90	27.91	5.30	34.11	26.00	54.00	-28.00	Average
2	2310.000	39.32	27.91	5.30	34.11	38.42	74.00	-35.58	Peak
3	2390.000	25.69	27.59	5.38	34.01	24.65	54.00	-29.35	Average
4	2390.000	39.08	27.59	5.38	34.01	38.04	74.00	-35.96	Peak

Horizontal Polarization

GTS Lab
 Tel: 86-0755-2779 8480/2779 5869
 Fax: 86-0755-2779 8960
 E-mail: szsale@gtstest.com
www.gtstest.com

Data: 3 File: \\192.168.1.155\2013 GTS Project\TUV\1247RF\bd\Test data.EM6 (8)



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D ANT(>1GHZ) HORIZONTAL
 EUT : Bluetooth Speaker
 Model No. : EBS5001
 Sample No. : 00130621057-001
 TUV Order No: 144005771
 Test Mode : TX on mode
 Remark : 2402MHz

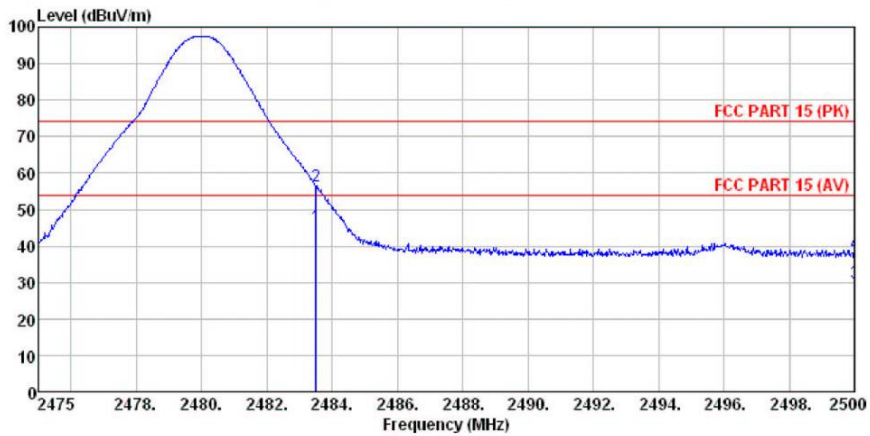
	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Gain	Level	Limit	Over	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2310.000	27.42	27.91	5.30	34.11	26.52	54.00	-27.48	Average
2	2310.000	39.51	27.91	5.30	34.11	38.61	74.00	-35.39	Peak
3	2390.000	26.49	27.59	5.38	34.01	25.45	54.00	-28.55	Average
4	2390.000	38.69	27.59	5.38	34.01	37.65	74.00	-36.35	Peak

Tx frequency: 2480MHz (radiated measurement), GFSK

Vertical Polarization

GTS Lab
 Tel: 86-0755-2779 8480/2779 5869
 Fax: 86-0755-2779 8960
 E-mail: szsale@gtstest.com
 www.gtstest.com

Data: 7 File: \\192.168.1.155\2013 GTS Project\TUV\1247RF\bd\Test data.EM6 (8)



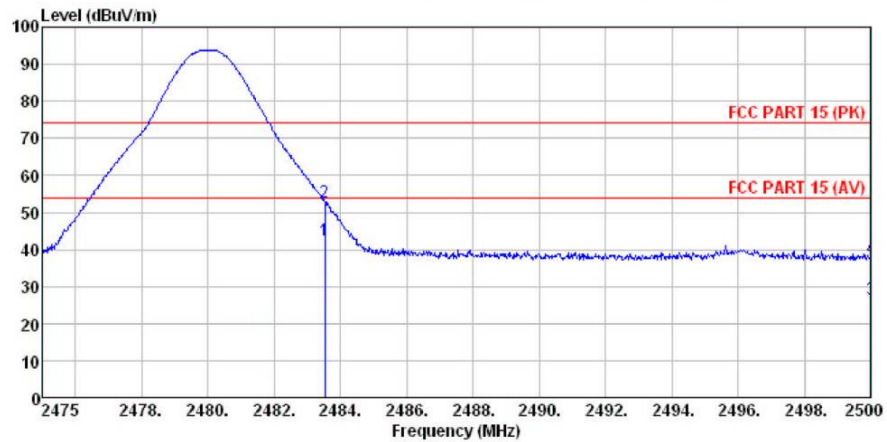
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D ANT(>1GHZ) VERTICAL
 EUT : Bluetooth Speaker
 Model No. : EBS5001
 Sample No. : 00130621057-001
 TUV Order No: 144005771
 Test Mode : TX on mode
 Remark : 2480MHz

	Freq	ReadAntenna	Cable Preamp	Level	Limit	Over	Remark
	MHz	Level Factor	Loss Factor	dB	Line	Limit	
		dB/m	dB	dBuV/m		dB	
1	2483.500	46.41	27.53	5.47	33.92	45.49	54.00 -8.51 Average
2	2483.500	57.55	27.53	5.47	33.92	56.63	74.00 -17.37 Peak
3	2500.000	30.60	27.55	5.49	33.90	29.74	54.00 -24.26 Average
4	2500.000	38.71	27.55	5.49	33.90	37.85	74.00 -36.15 Peak

Horizontal Polarization

GTS Lab
 Tel: 86-0755-2779 8480/2779 5869
 Fax: 86-0755-2779 8960
 E-mail: szsale@gstest.com
www.gstest.com

Data: 5 File: \\192.168.1.155\2013 GTS Project\TUV\1247RFbd\Test data.EM6 (8)



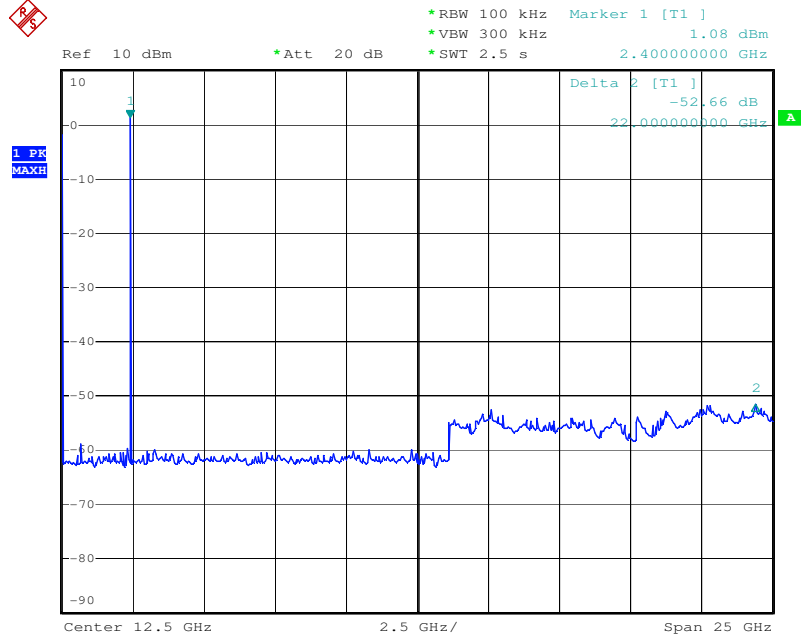
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m BBHA9120D ANT (>1GHZ) HORIZONTAL
 EUT : Bluetooth Speaker
 Model No. : EBS5001
 Sample No. : 00130621057-001
 TUV Order No: 144005771
 Test Mode : TX on mode
 Remark : 2480MHz

	Freq MHz	ReadAntenna		Cable Preamp		Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Remark
		Level dBuV	Factor dB/m	Loss dB	Factor dB				
1	2483.525	43.41	27.53	5.47	33.92	42.49	54.00	-11.51	Average
2	2483.525	53.87	27.53	5.47	33.92	52.95	74.00	-21.05	Peak
3	2500.000	27.50	27.55	5.49	33.90	26.64	54.00	-27.36	Average
4	2500.000	38.34	27.55	5.49	33.90	37.48	74.00	-36.52	Peak

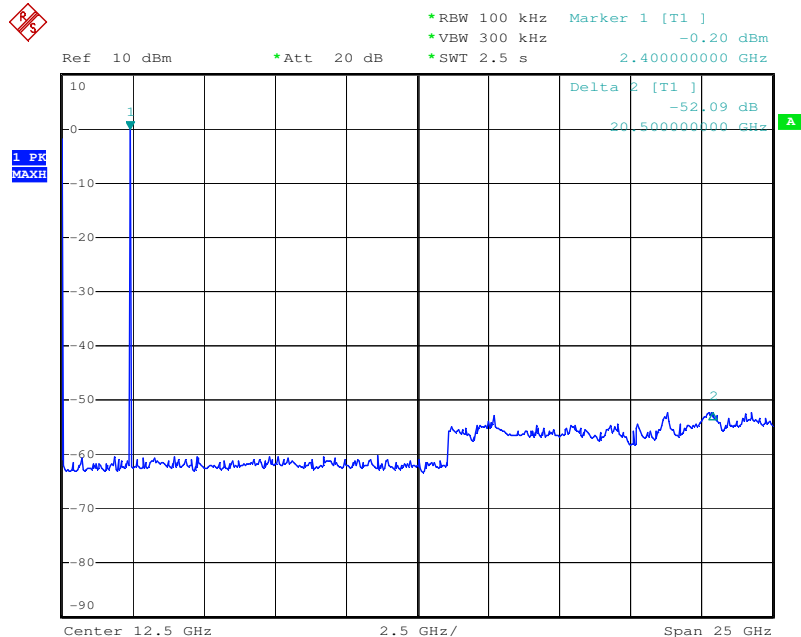
Spurious Emissions - Conducted

GFSK

Tx frequency: 2402MHz

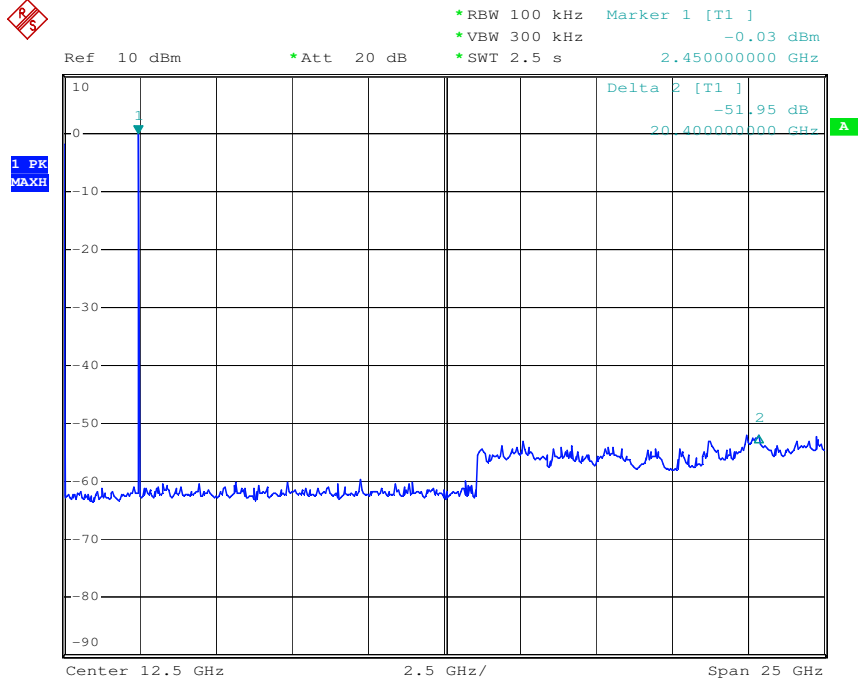


Tx frequency: 2441MHz



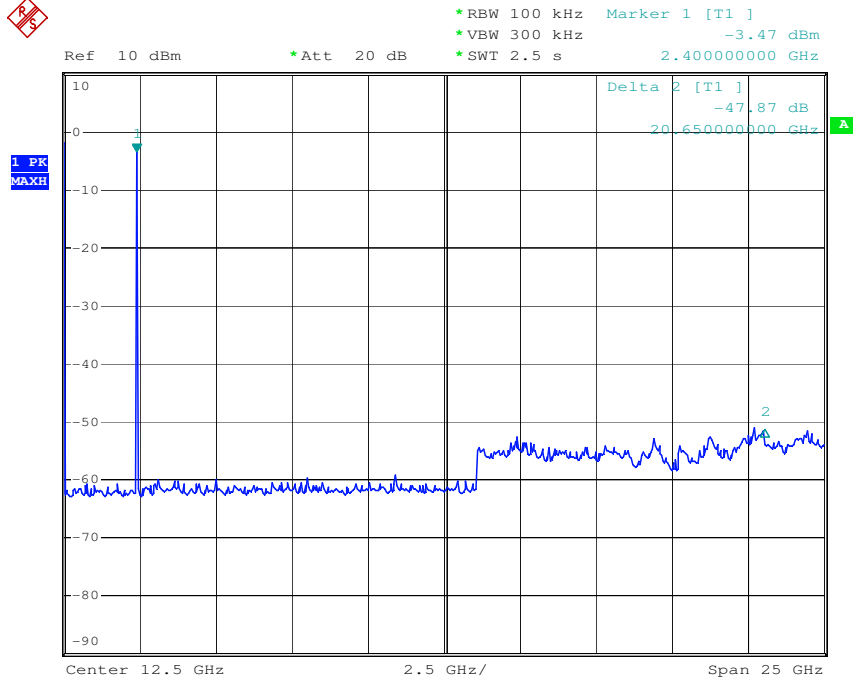
Date: 22.AUG.2013 14:42:35

Tx frequency: 2480MHz



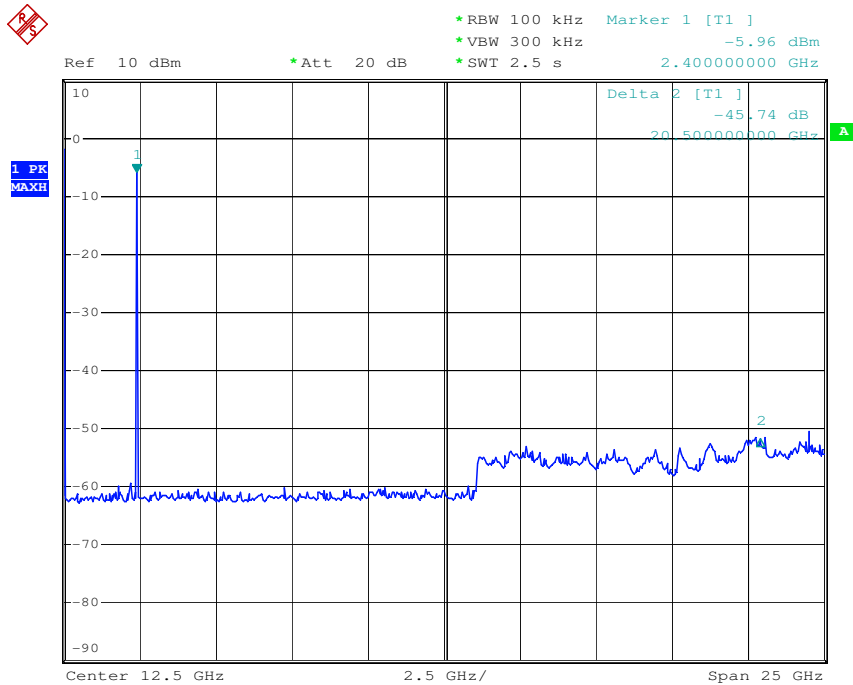
Date: 22.AUG.2013 14:42:09

Pi/4 DQPSK
Tx frequency: 2402MHz



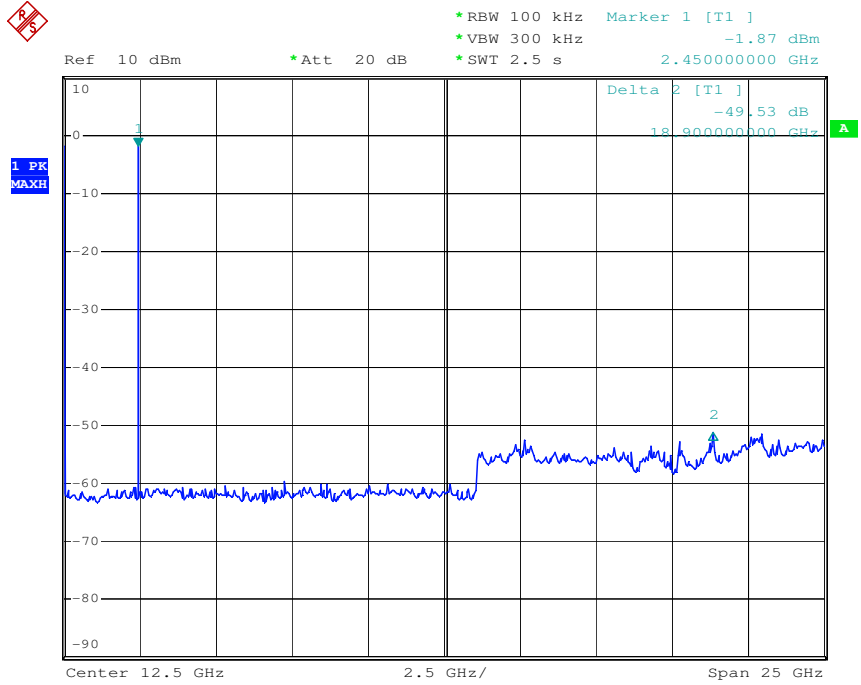
Date: 22.AUG.2013 14:44:12

Tx frequency: 2441MHz



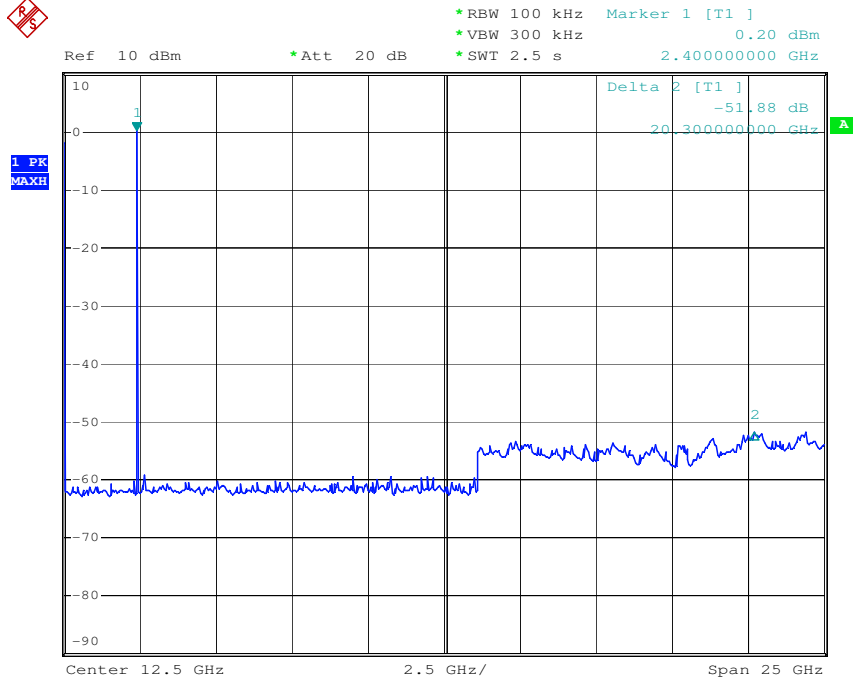
Date: 22.AUG.2013 14:44:51

Tx frequency: 2480MHz



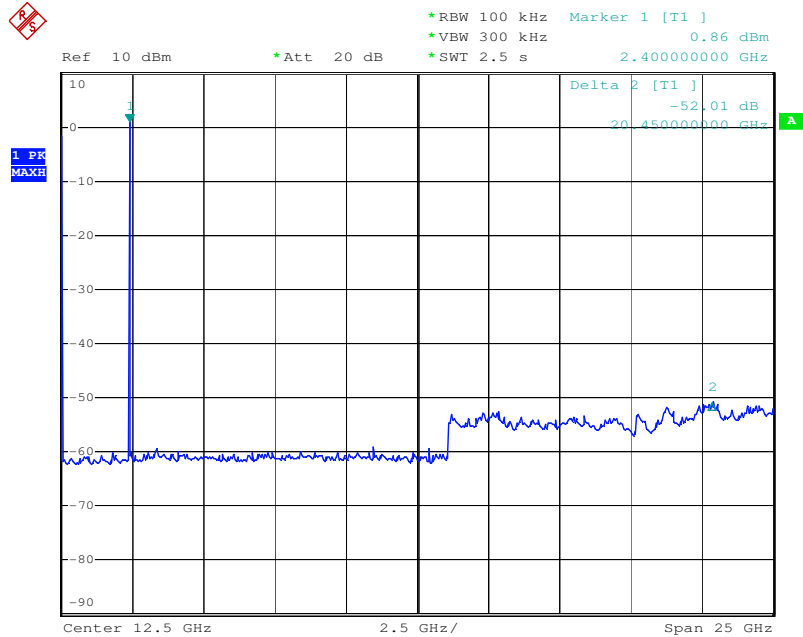
Date: 22.AUG.2013 14:45:30

8 DPSK
Tx frequency: 2402MHz



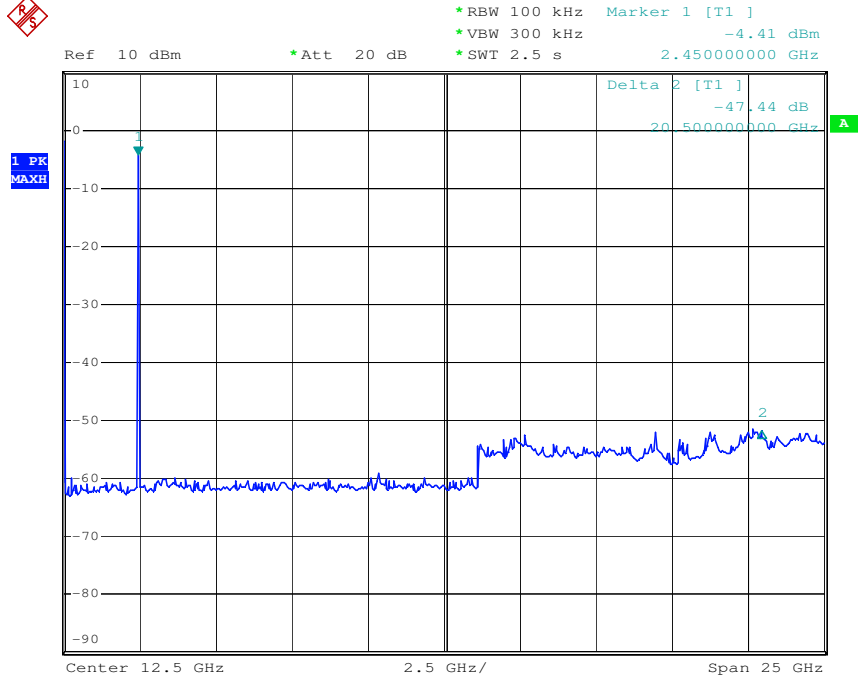
Date: 22.AUG.2013 14:47:48

Tx frequency: 2441MHz



Date: 27.AUG.2013 21:08:36

Tx frequency: 2480MHz



Date: 22.AUG.2013 14:46:26