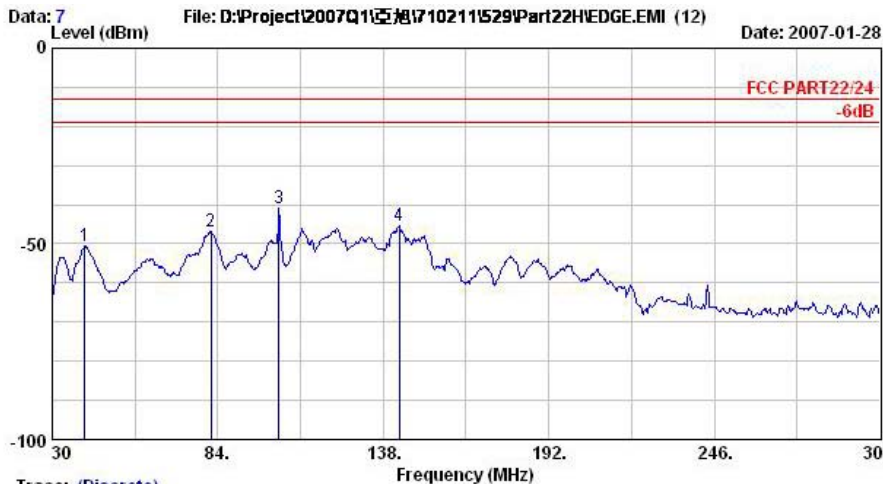


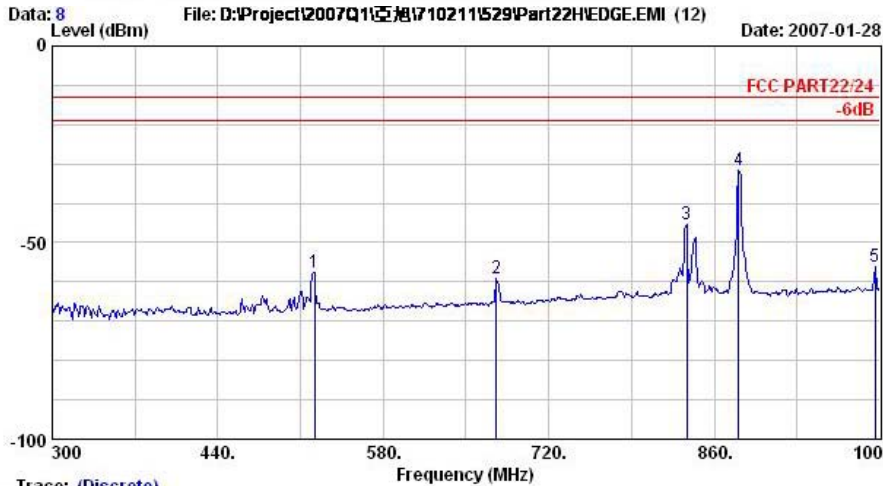


Vertical Polarization



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LP-SPURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode,Ch189+Adaptor
 Plane : E2

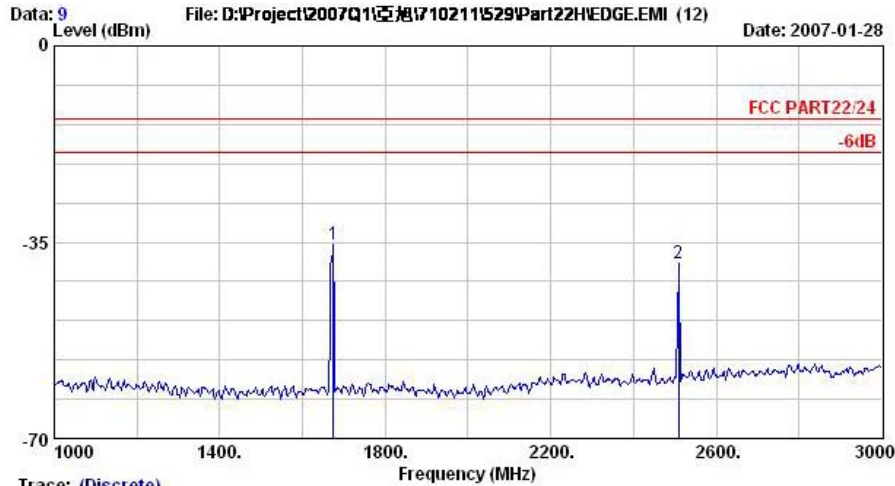
	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1 @	40.5	-50.66	-37.66	-13.00	-38.58	-12.08	Peak
2 @	81.8	-46.81	-33.81	-13.00	-36.47	-10.35	Peak
3 @	104.0	-40.74	-27.74	-13.00	-33.01	-7.72	Peak
4 @	143.1	-45.39	-32.39	-13.00	-37.31	-8.08	Peak



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LP-SPURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode,Ch189+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1	521.9	-57.58	-44.58	-13.00	-54.71	-2.87	Peak
2	675.9	-59.07	-46.07	-13.00	-58.27	-0.79	Peak
3 @	836.9	-45.22			-46.58	1.36	Peak
4 @	880.3	-31.71			-33.42	1.71	Peak
5	995.8	-55.95	-42.95	-13.00	-58.58	2.63	Peak

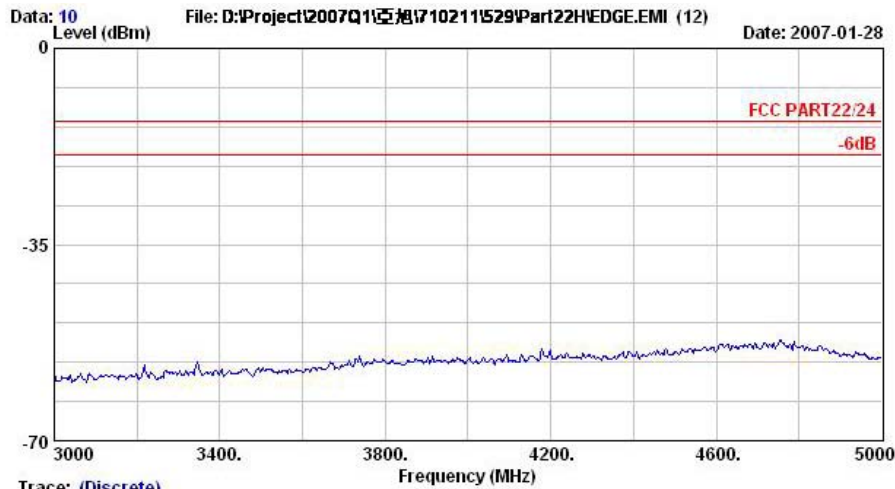
- Remark:
 1. #3: MS Signal
 2. #4: BS Signal



Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-SPURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch189+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read		
	MHz	dBm	dB	dBm	dBm	dB	Remark
1 @	1674.0	-35.32	-22.32	-13.00	-34.84	-0.48	Peak
2 @	2508.0	-38.82	-25.82	-13.00	-41.09	2.27	Peak



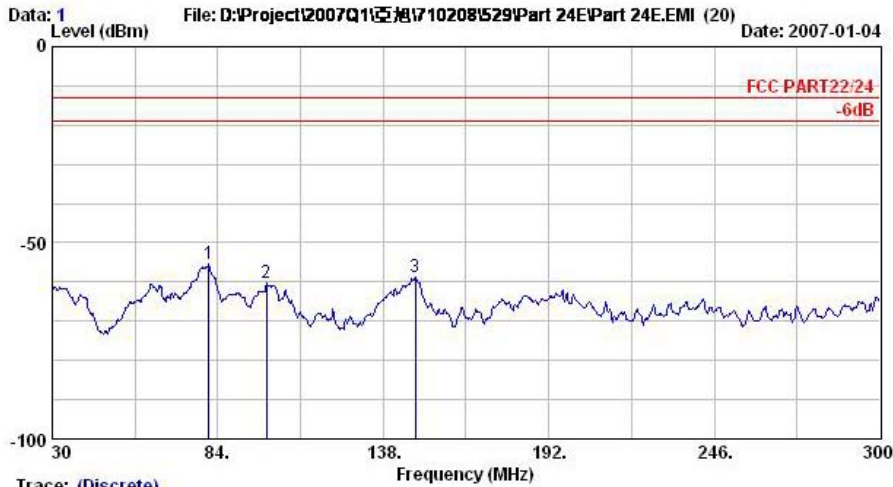
Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-SPURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch189+Adaptor
 Plane : E2

Remark : There is no more obvious emission except the listings above.

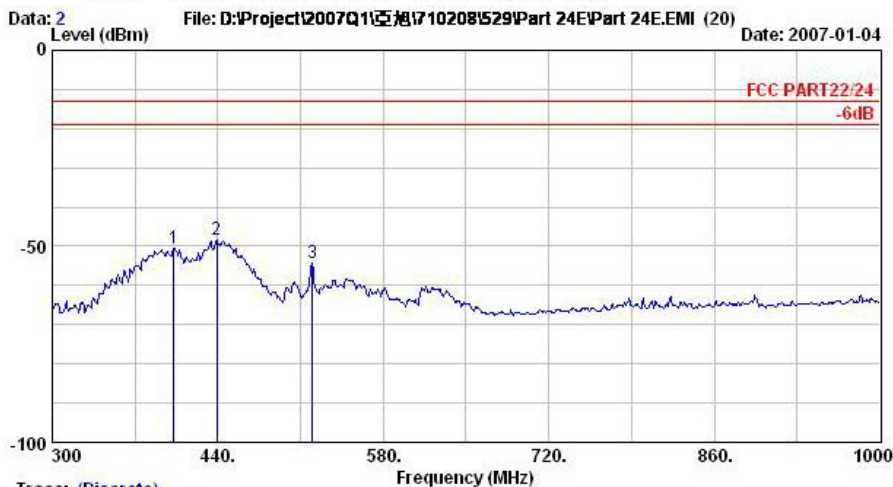


4.6.5.7 Mode 7
Horizontal Polarization



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LF-SPURIOUS HORIZONTAL
 EUT : FDA
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

	Freq MHz	Level dBm	Over Limit dB	Limit Line dBm	Read Level dBm	Factor dB	Remark
1 @	81.0	-55.40	-42.40	-13.00	-43.09	-12.31	Peak
2 @	99.9	-60.38	-47.38	-13.00	-48.14	-12.24	Peak
3 @	148.5	-58.66	-45.66	-13.00	-45.86	-12.80	Peak

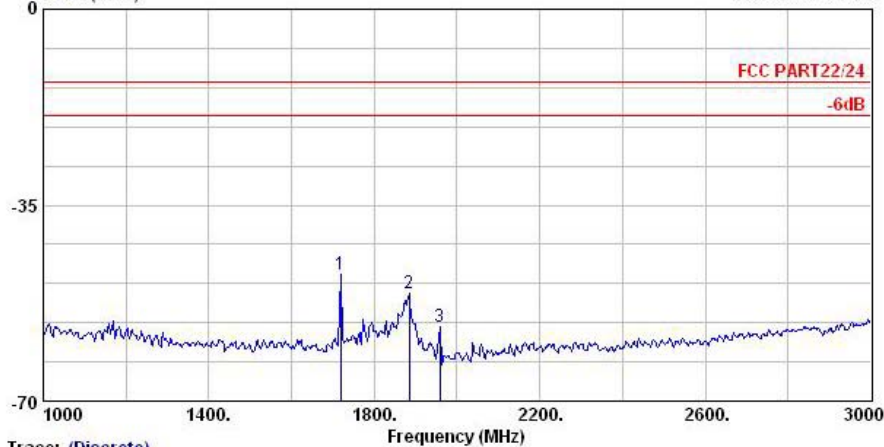


Trace: (Discrete)
 Site : 08CH06-HY
 Condition : LF-SPURIOUS HORIZONTAL
 EUT : FDA
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

	Freq MHz	Level dBm	Over Limit dB	Limit Line dBm	Read Level dBm	Factor dB	Remark
1 @	402.9	-50.39	-37.39	-13.00	-43.93	-6.46	Peak
2 @	439.3	-48.15	-35.15	-13.00	-42.20	-5.95	Peak
3 @	519.8	-54.25	-41.25	-13.00	-49.40	-4.85	Peak



Data: 3 File: D:\Project\2007Q1\571710208\529\Part 24E\Part 24E.EMI (20) Date: 2007-01-04



Trace: (Discrete)

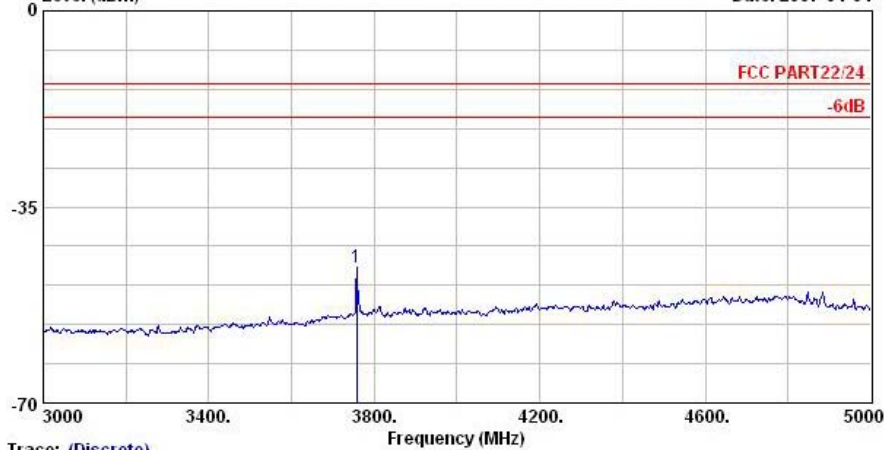
Site : 08CH06-HY
 Condition : HF-SPURIOUS HORIZONTAL
 EUT : PDA
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1 @	1718.0	-47.28	-34.28	-13.00	-47.36	0.08	Peak
2 @	1884.0	-50.78			-50.10	-0.68	Peak
3 @	1958.0	-56.84			-55.73	-1.11	Peak

Remark:

- #2: MS Signal
- #3: BS Signal

Data: 4 File: D:\Project\2007Q1\571710208\529\Part 24E\Part 24E.EMI (20) Date: 2007-01-04



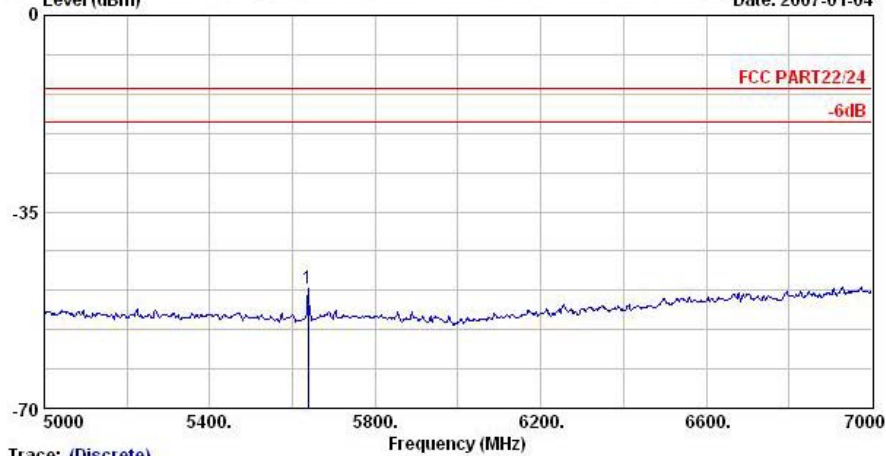
Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-SPURIOUS HORIZONTAL
 EUT : PDA
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1 @	3758.0	-45.92	-32.92	-13.00	-53.85	7.92	Peak



Data: 5 File: D:\Project\2007Q1\5710208\529\Part 24E\Part 24E.EMI (20) Date: 2007-01-04

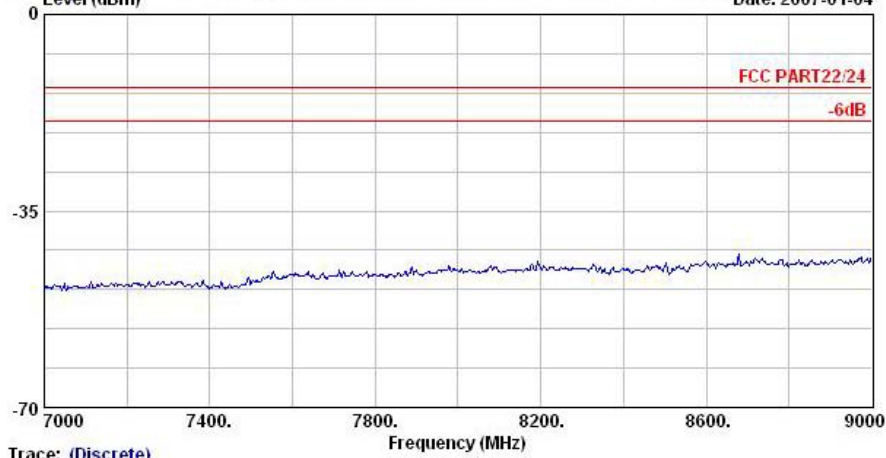


Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-SFURIOUS HORIZONTAL
 EUT : PDA
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Limit	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dB	dBm	dBm	dB	
1 @	5638.0	-48.78	-35.78	-13.00	-58.74	-58.74	9.97	Peak

Data: 6 File: D:\Project\2007Q1\5710208\529\Part 24E\Part 24E.EMI (20) Date: 2007-01-04

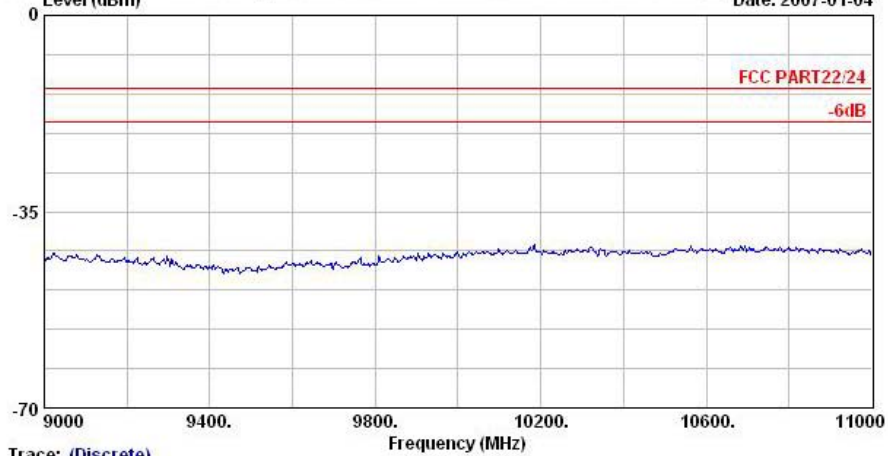


Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-SFURIOUS HORIZONTAL
 EUT : PDA
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

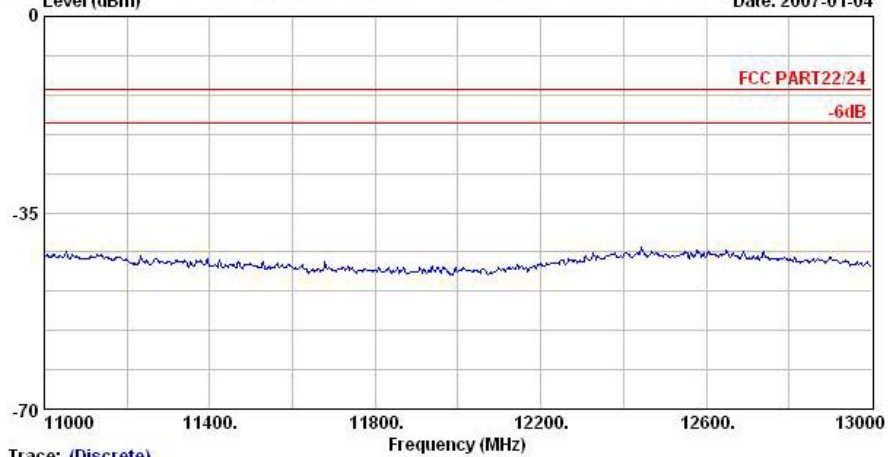


Data: 7 File: D:\Project\2007Q1\571710208\529\Part 24E\Part 24E.EMI (20) Date: 2007-01-04



Trace: (Discrete)
Site : 08CH06-HY
Condition : HF-SFURIOUS HORIZONTAL
EUT : FDA
Power : 120Vac/60Hz
Model : FG 710211
Memo : PCS1900 Link Mode;Ch661+Adaptor
Plane : E2

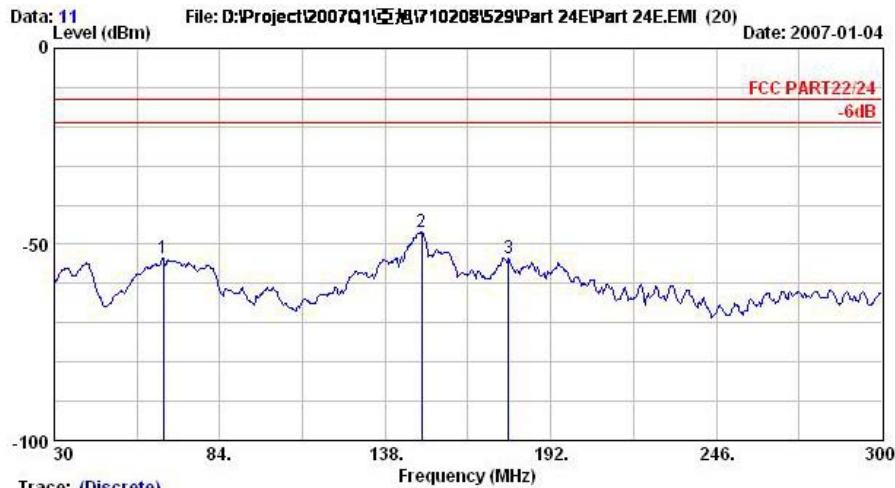
Data: 8 File: D:\Project\2007Q1\571710208\529\Part 24E\Part 24E.EMI (20) Date: 2007-01-04



Trace: (Discrete)
Site : 08CH06-HY
Condition : HF-SFURIOUS HORIZONTAL
EUT : FDA
Power : 120Vac/60Hz
Model : FG 710211
Memo : PCS1900 Link Mode;Ch661+Adaptor
Plane : E2

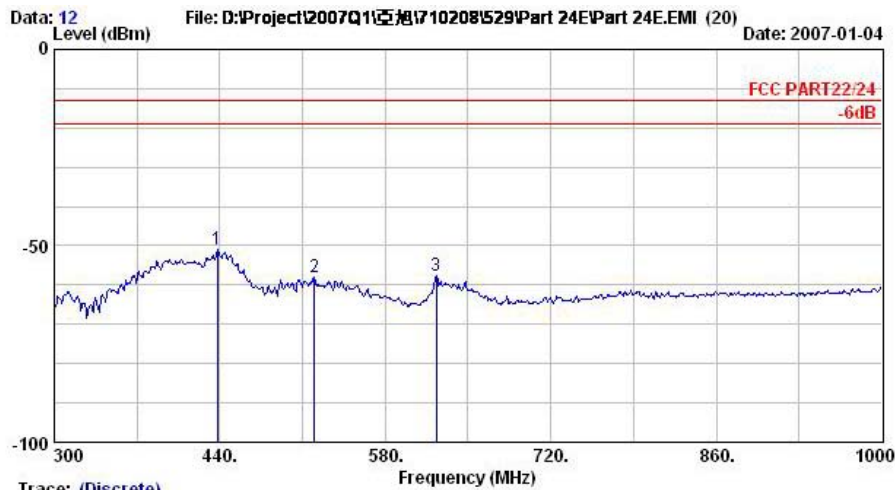


Vertical Polarization



Trace: (Discrete)
 Site : 08CHO6-HY
 Condition : LF-SPURIOUS VERTICAL
 EUT : FDA
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dBm	dB
1 @	65.6	-53.35	-40.35	-13.00	-40.77	-12.58 Peak
2 @	149.9	-46.88	-33.88	-13.00	-38.73	-8.14 Peak
3 @	178.2	-53.39	-40.39	-13.00	-44.99	-8.40 Peak

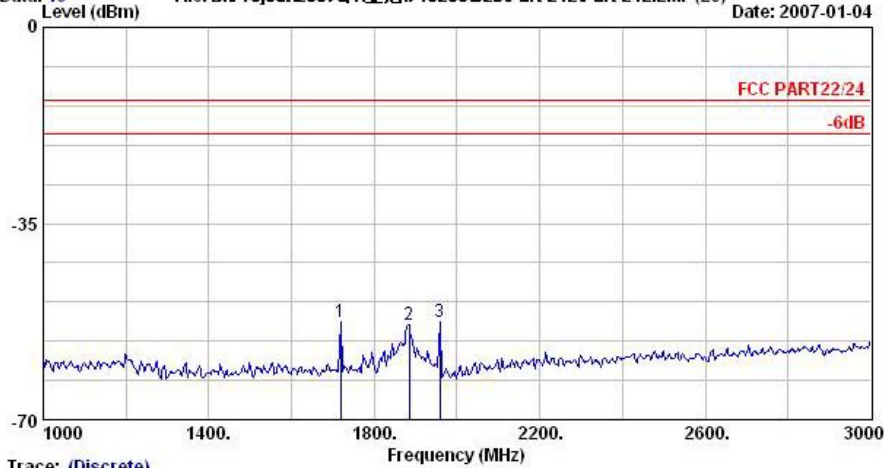


Trace: (Discrete)
 Site : 08CHO6-HY
 Condition : LF-SPURIOUS VERTICAL
 EUT : FDA
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read	
	MHz	dBm	Limit	Line	Level	Factor Remark
			dB	dBm	dBm	dB
1 @	437.9	-50.93	-37.93	-13.00	-47.07	-3.87 Peak
2 @	519.8	-58.12	-45.12	-13.00	-55.23	-2.89 Peak
3 @	623.4	-57.48	-44.48	-13.00	-55.90	-1.58 Peak



Data: 13 File: D:\Project\2007Q1\5710208529\Part 24E\Part 24E.EMI (20) Date: 2007-01-04



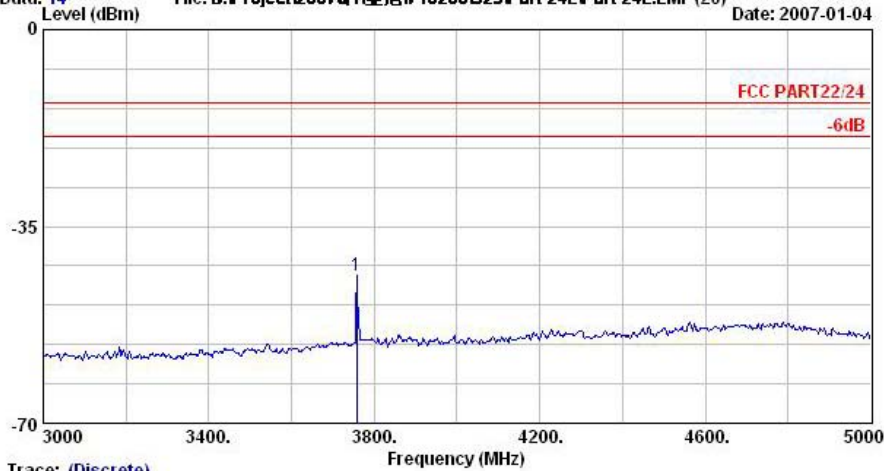
Trace: (Discrete)
 Site : 08CHO6-HY
 Condition : HF-SFURIOUS VERTICAL
 EUT : FDA
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1 @	1718.0	-52.47	-39.47	-13.00	-52.05	-0.42	Peak
2 @	1884.0	-53.02			-52.52	-0.50	Peak
3 @	1958.0	-52.61			-52.02	-0.60	Peak

Remark:

- #2: MS Signal
- #3: BS Signal

Data: 14 File: D:\Project\2007Q1\5710208529\Part 24E\Part 24E.EMI (20) Date: 2007-01-04

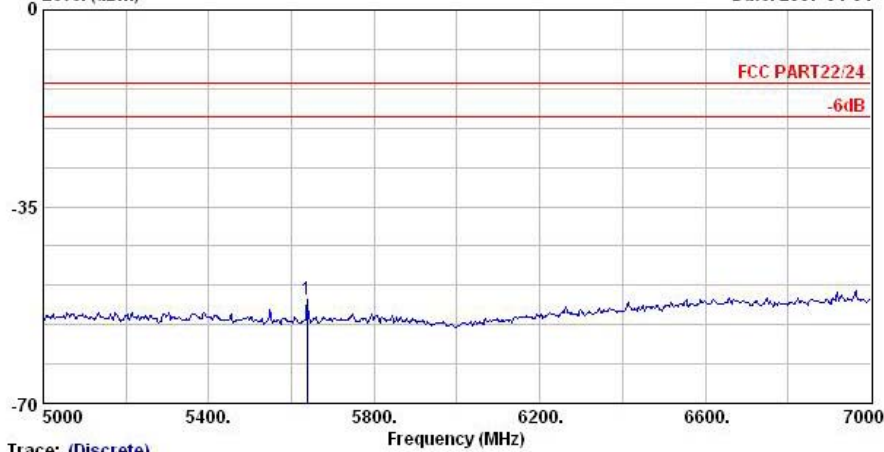


Trace: (Discrete)
 Site : 08CHO6-HY
 Condition : HF-SFURIOUS VERTICAL
 EUT : FDA
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1 @	3758.0	-43.63	-30.63	-13.00	-50.27	6.64	Peak



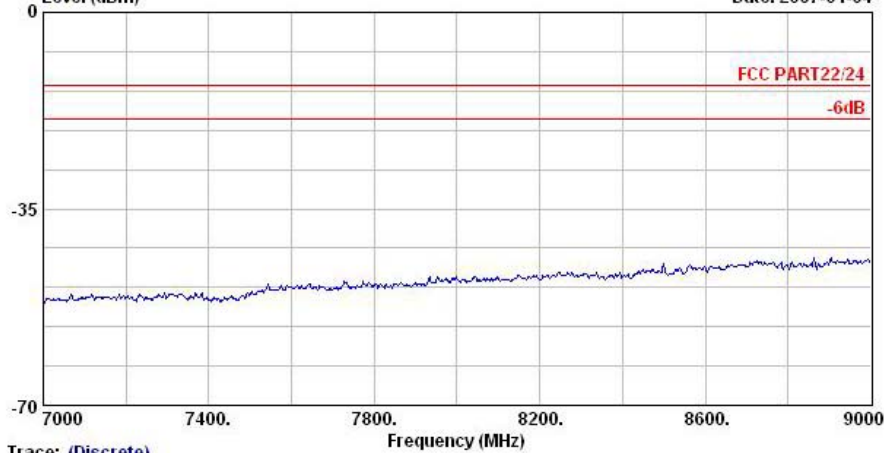
Data: 15 Level (dBm) File: D:\Project\2007Q1\571710208\529\Part 24E\Part 24E.EMI (20) Date: 2007-01-04



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-SFURIOUS VERTICAL
 EUT : PDA
 Power : 120V_{ac}/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

	Over	Limit	Read		
1 @	Freq	Level	Limit	Line	Level Factor Remark
	MHz	dBm	dB	dBm	dB
	5638.0	-51.58	-38.58	-13.00	-60.23 8.65 Peak

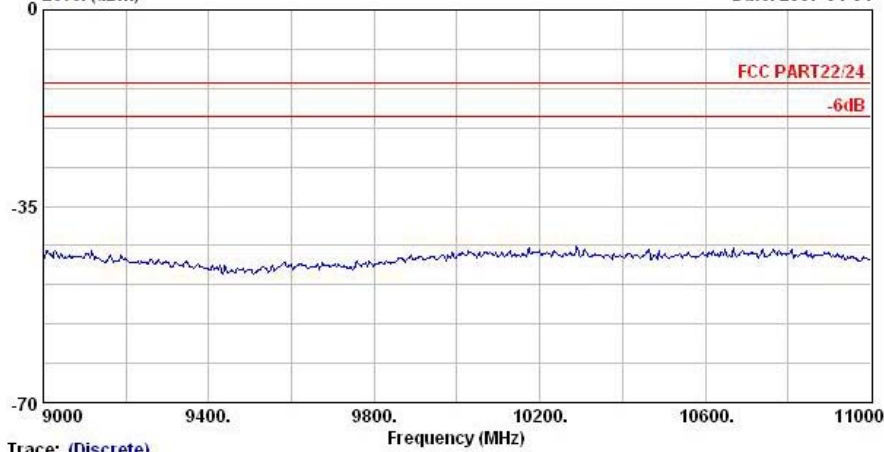
Data: 16 Level (dBm) File: D:\Project\2007Q1\571710208\529\Part 24E\Part 24E.EMI (20) Date: 2007-01-04



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-SFURIOUS VERTICAL
 EUT : PDA
 Power : 120V_{ac}/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2



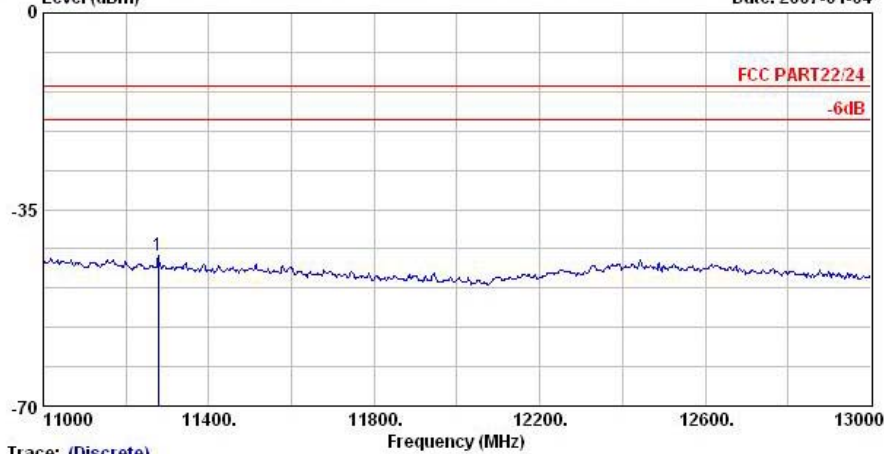
Data: 17 File: D:\Project\2007Q1\529\10208\529Part 24E\Part 24E.EMI (20) Date: 2007-01-04



Trace: (Discrete)

Site : 03CH06-HY
 Condition : HF-SPURIOUS VERTICAL
 EUT : PDA
 Power : 120V_{ac}/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

Data: 18 File: D:\Project\2007Q1\529\10208\529Part 24E\Part 24E.EMI (20) Date: 2007-01-04



Trace: (Discrete)

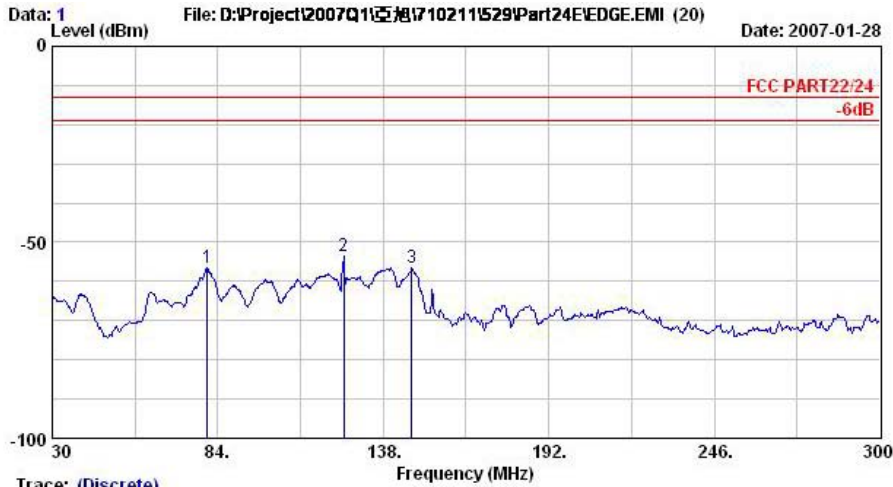
Site : 03CH06-HY
 Condition : HF-SPURIOUS VERTICAL
 EUT : PDA
 Power : 120V_{ac}/60Hz
 Model : FG 710211
 Memo : PCS1900 Link Mode;Ch661+Adaptor
 Plane : E2

Peak	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1 @	11278.0	-43.31	-30.31	-13.00	-62.19	18.87	Peak

Remark : There is no more obvious emission except the listings above.



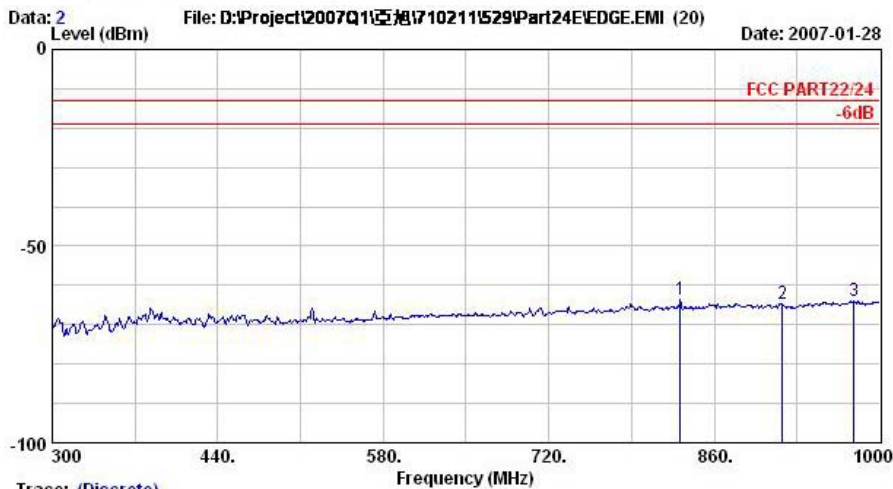
4.6.5.8 Mode 8
Horizontal Polarization



Trace: (Discrete)

Site : 08CH06-HY
 Condition : LP-SPURIOUS HORIZONTAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

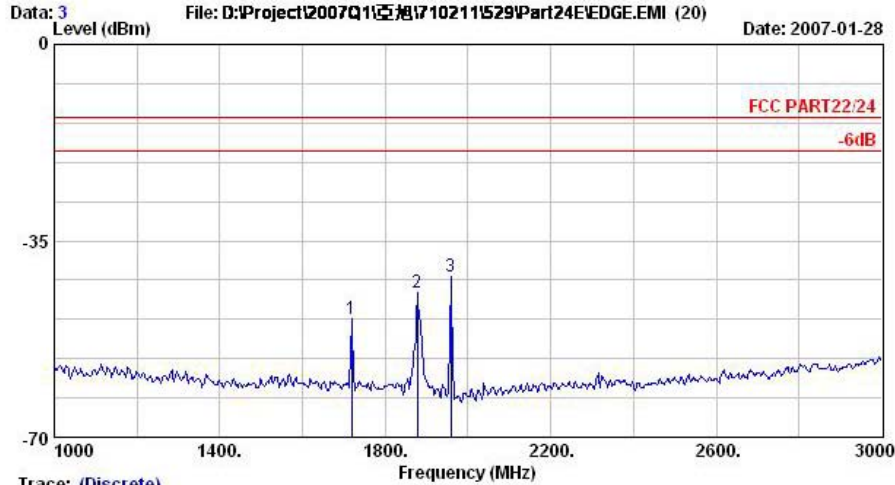
	Freq	Level	Over	Limit	Read		
	MHz	dBm	dB	dBm	dBm	dB	Remark
1	80.5	-56.45	-43.45	-13.00	-44.13	-12.31	Peak
2 @	125.0	-53.54	-40.54	-13.00	-41.01	-12.53	Peak
3	147.2	-56.57	-43.57	-13.00	-43.79	-12.79	Peak



Trace: (Discrete)

Site : 08CH06-HY
 Condition : LP-SPURIOUS HORIZONTAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read		
	MHz	dBm	dB	dBm	dBm	dB	Remark
1	831.3	-63.54	-50.54	-13.00	-62.15	-1.39	Peak
2	917.4	-64.58	-51.58	-13.00	-64.03	-0.56	Peak
3	978.3	-63.94	-50.94	-13.00	-63.98	0.03	Peak



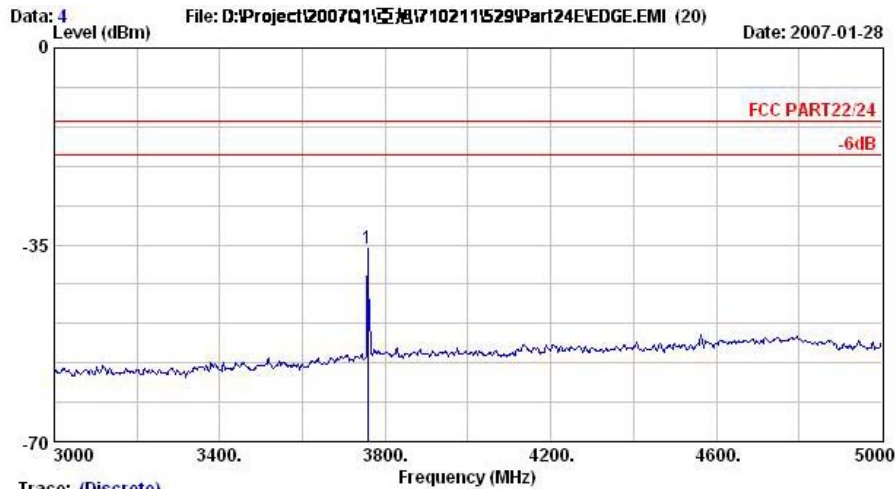
Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-SPURIOUS HORIZONTAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	1718.0	-48.92	-35.92	-13.00	-48.99	0.08	Peak
2 @	1878.0	-44.30			-43.79	-0.51	Peak
3 @	1958.0	-41.42			-40.31	-1.11	Peak

Remark:

- #2: MS Signal
- #3: BS Signal



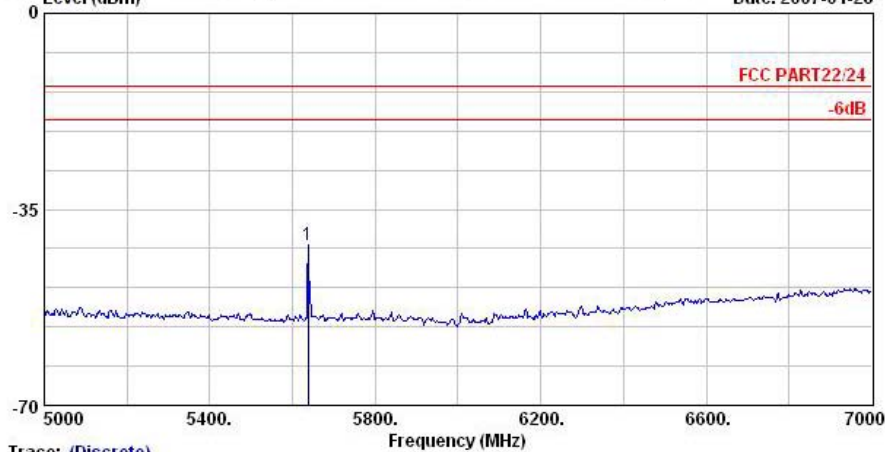
Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-SPURIOUS HORIZONTAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	3758.0	-35.72	-22.72	-13.00	-43.64	7.92	Peak



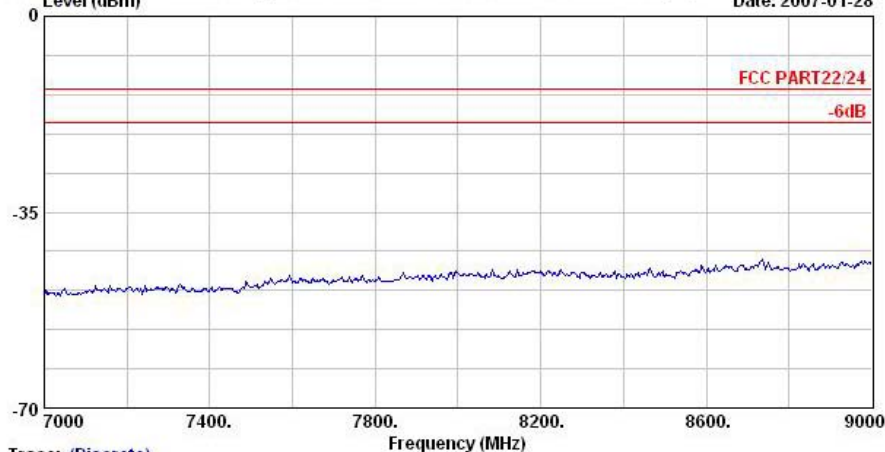
Data: 5 File: D:\Project\2007Q1\529\710211\529\Part24\EDGE.EMI (20) Date: 2007-01-28



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-SPURIOUS HORIZONTAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120V_{ac}/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1 @	5638.0	-41.41	-28.41	-13.00	-51.38	9.97	Peak

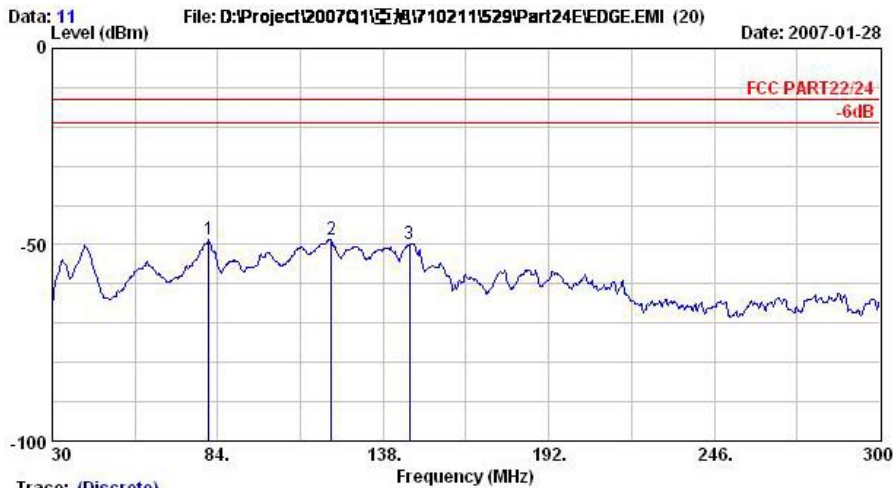
Data: 6 File: D:\Project\2007Q1\529\710211\529\Part24\EDGE.EMI (20) Date: 2007-01-28



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-SPURIOUS HORIZONTAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120V_{ac}/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2



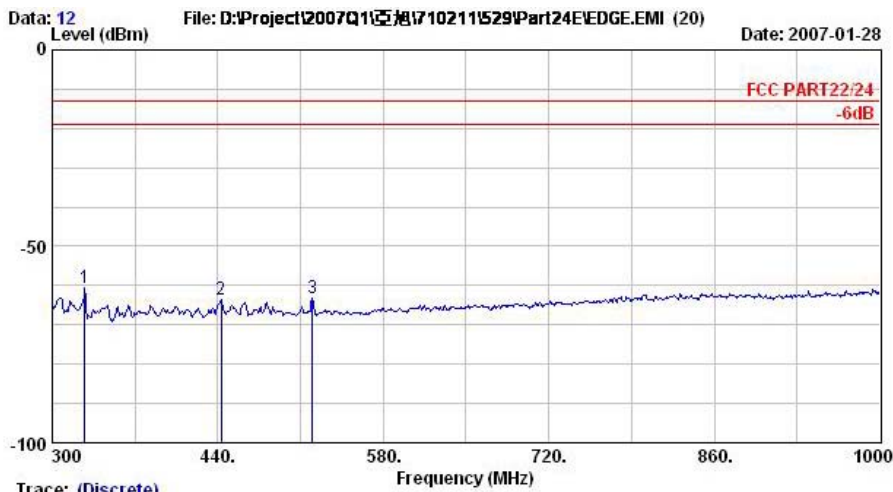
Vertical Polarization



Trace: (Discrete)

Site : 08CH06-HY
 Condition : LP-SPURIOUS VERTICAL
 EUT : FDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

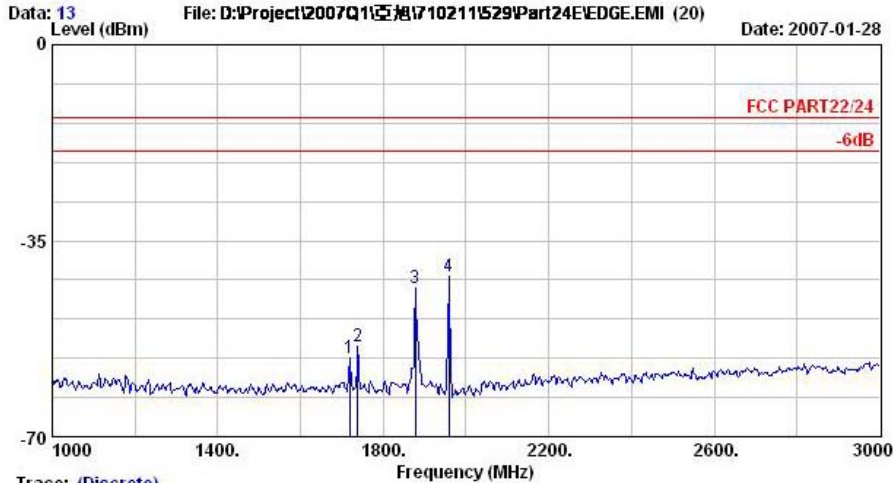
	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1 @	81.0	-48.87	-35.87	-13.00	-38.52	-10.35	Peak
2 @	121.0	-48.57	-35.57	-13.00	-40.69	-7.88	Peak
3 @	146.6	-49.92	-36.92	-13.00	-41.81	-8.11	Peak



Trace: (Discrete)

Site : 08CH06-HY
 Condition : LP-SPURIOUS VERTICAL
 EUT : FDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read		
	MHz	dBm	Limit	Line	Level	Factor	Remark
			dB	dBm	dBm	dB	
1	327.3	-60.55	-47.55	-13.00	-54.67	-5.88	Peak
2	442.8	-63.70	-50.70	-13.00	-59.89	-3.81	Peak
3	519.8	-63.06	-50.06	-13.00	-60.16	-2.89	Peak

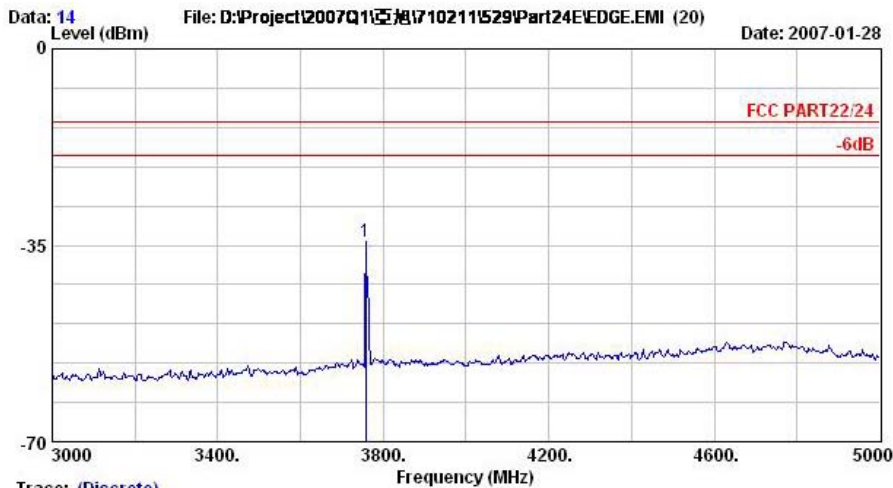


Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-SFURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Wac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read		
	MHz	dBm	dB	dBm	dBm	dB	Remark
1	1718.0	-55.94	-42.94	-13.00	-55.52	-0.42	Peak
2	1738.0	-53.98	-40.98	-13.00	-53.64	-0.34	Peak
3 @	1878.0	-43.43			-43.02	-0.40	Peak
4 @	1958.0	-41.39			-40.79	-0.60	Peak

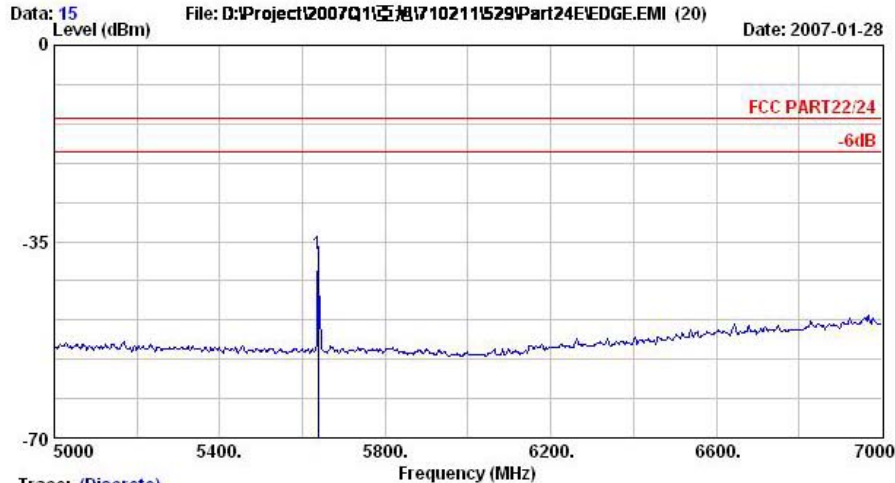
Remark:

- #3: MS Signal
- #4: BS Signal



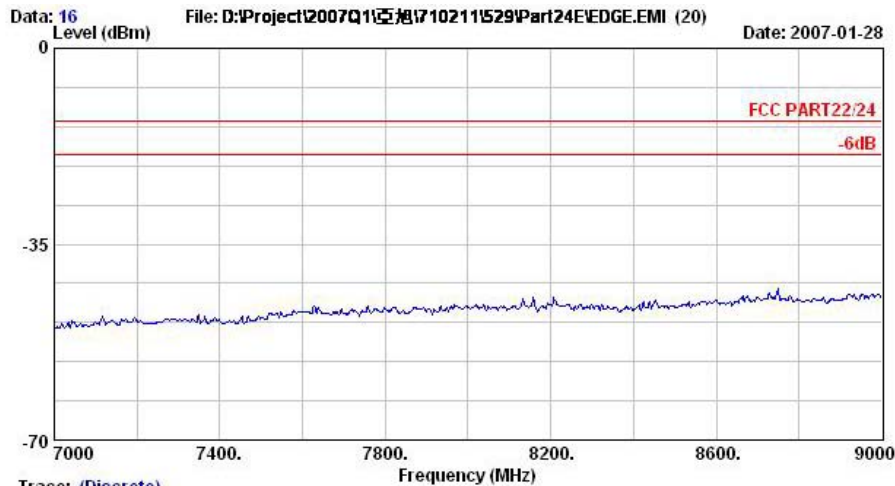
Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-SFURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Wac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read		
	MHz	dBm	dB	dBm	dBm	dB	Remark
1 @	3758.0	-34.38	-21.38	-13.00	-41.02	6.64	Peak



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-SPURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1 @	5638.0	-37.12	-24.12	-13.00	-45.77	8.65	Peak

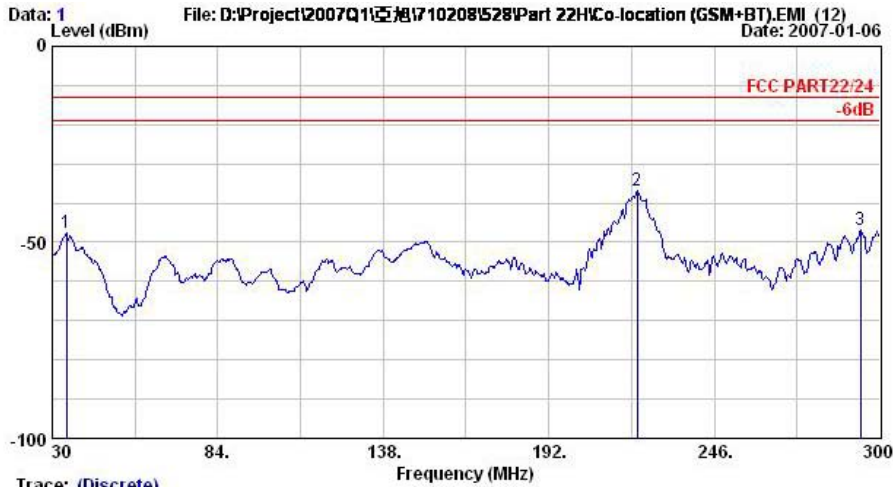


Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-SPURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG710211
 Memo : EDGE Link Mode;Ch661+Adaptor
 Plane : E2

Remark : There is no more obvious emission except the listings above.

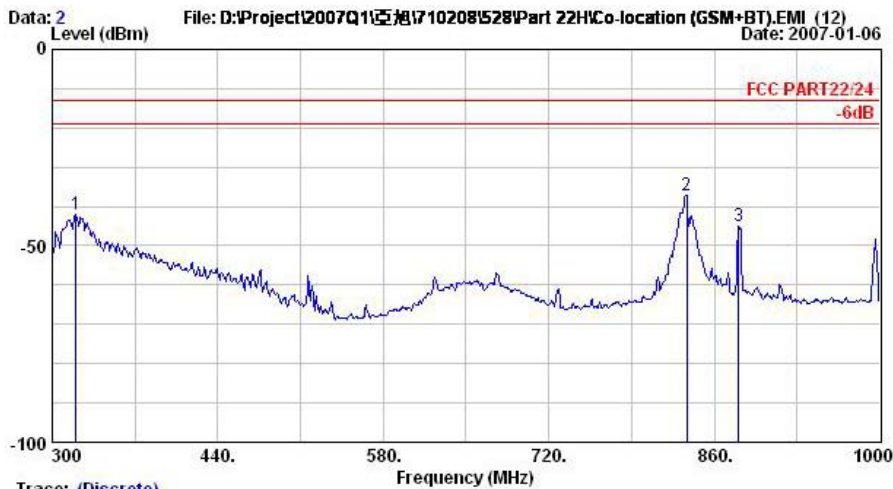


4.6.5.9 Mode 9
Horizontal Polarization



Site : 08CH06-HY
 Condition : LF-SPURIOUS HORIZONTAL
 EUT : FDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Wac/60Hz
 Model : FG 710211
 Memo : GSM850 Link;Ch189+BT Tx_Channel+Adaptor
 Plane : E2

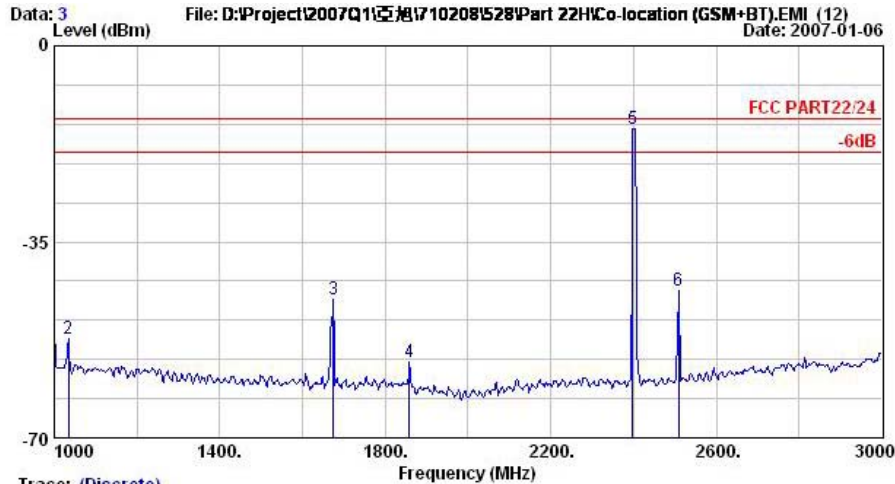
	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1	34.6	-47.54	-34.54	-13.00	-44.86	-2.69	Peak
2 @	220.9	-36.84	-23.84	-13.00	-24.19	-12.65	Peak
3	293.8	-46.80	-33.80	-13.00	-36.66	-10.15	Peak



Site : 08CH06-HY
 Condition : LF-SPURIOUS HORIZONTAL
 EUT : FDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Wac/60Hz
 Model : FG 710211
 Memo : GSM850 Link;Ch189+BT Tx_Channel+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1	320.3	-42.07	-29.07	-13.00	-32.83	-9.24	Peak
2	836.9	-37.16			-35.82	-1.33	Peak
3	880.3	-44.96			-44.05	-0.91	Peak

Remark:
 1. #2: MS Signal
 2. #3: BS Signal

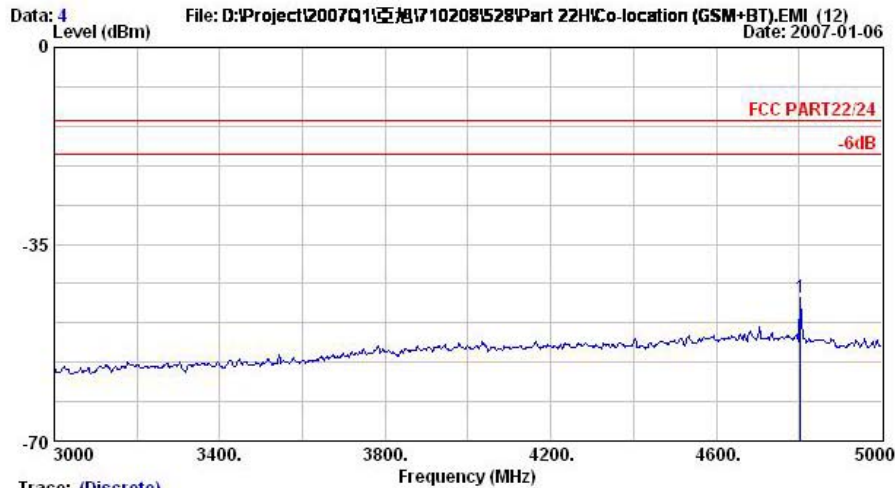


Site : 03CH06-HY
 Condition : HF-SPURIOUS HORIZONTAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : GSM850 Link;CK189+BT Tx_CM00+Adaptcx
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1	1000.0	-51.71	-38.71	-13.00	-53.51	1.80	Peak
2	1034.0	-52.22	-39.22	-13.00	-54.00	1.78	Peak
3	1674.0	-45.30	-32.30	-13.00	-45.52	0.22	Peak
4	1858.0	-56.49	-43.49	-13.00	-55.97	-0.51	Peak
5 @	2398.0	-14.72			-15.61	0.89	Peak
6	2508.0	-43.69	-30.69	-13.00	-44.88	1.20	Peak

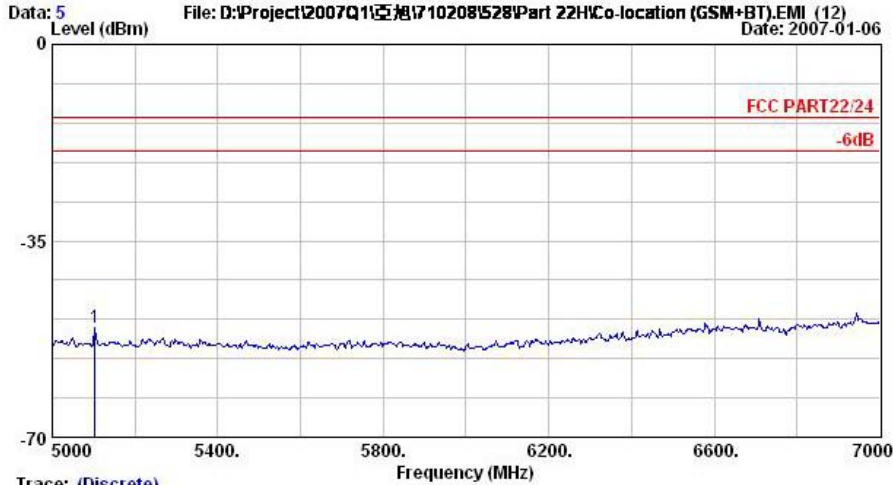
Remark:

- #5: BT Signal



Site : 03CH06-HY
 Condition : HF-SPURIOUS HORIZONTAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : GSM850 Link;CK189+BT Tx_CM00+Adaptcx
 Plane : E2

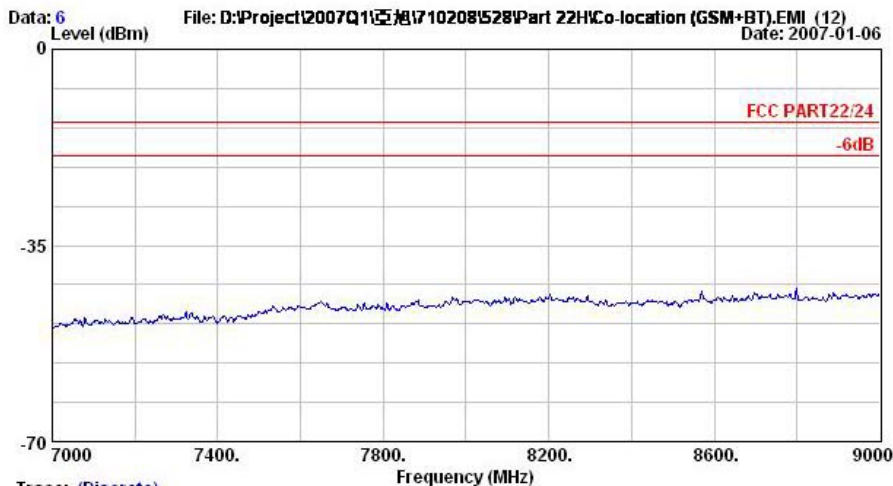
	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1	4804.0	-44.60	-31.60	-13.00	-56.35	11.75	Peak



Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-SPURIOUS HORIZONTAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : GSM850 Link;Ch189+BT Tx_Ch00+Adaptor
 Plane : E2

	Freq	Level	Over	Limit	Line	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dBm	dB	
1	5104.0	-50.59	-37.59	-13.00	-60.71	-60.71	10.12	Peak

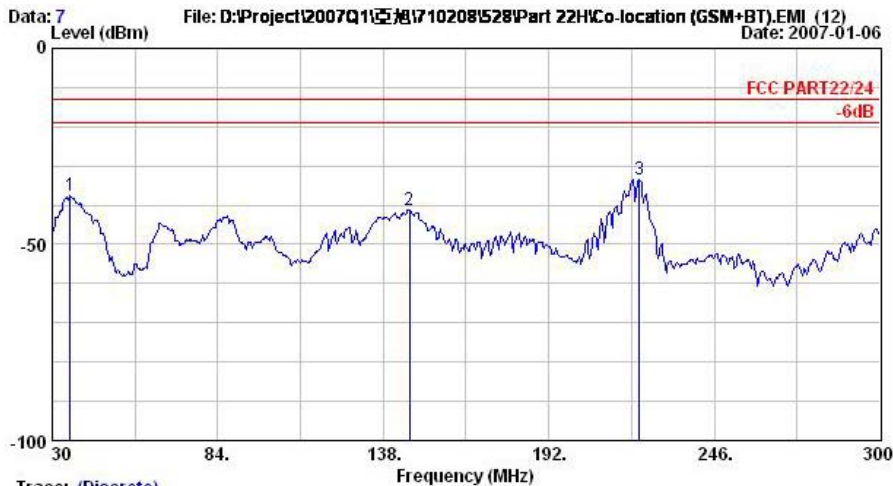


Trace: (Discrete)

Site : 08CH06-HY
 Condition : HF-SPURIOUS HORIZONTAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : GSM850 Link;Ch189+BT Tx_Ch00+Adaptor
 Plane : E2

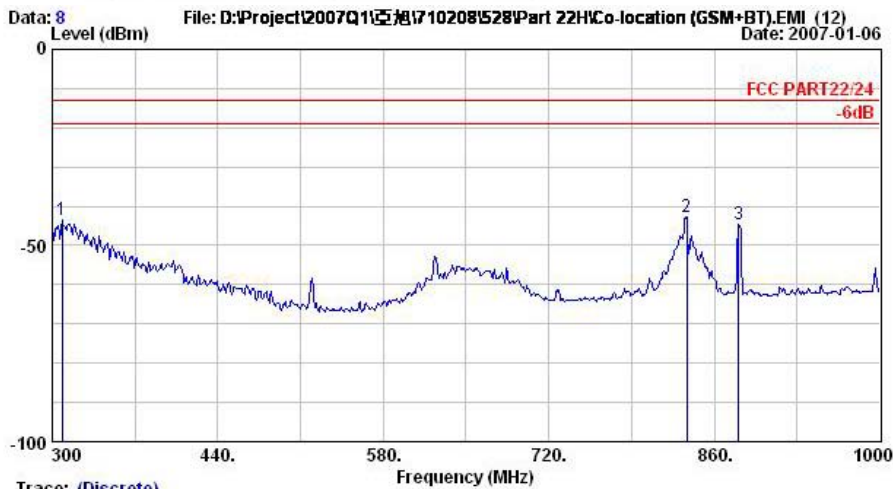


Vertical Polarization



Trace: (Discrete)
 Site : 08CHO6-HY
 Condition : LF-SPURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : GSM850 Link;CM189+BT Tx_CM00+Adaptex
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1	35.9	-37.54	-24.54	-13.00	-26.82	-10.71	Peak
2	146.6	-41.41	-28.41	-13.00	-33.30	-8.11	Peak
3 @	221.4	-33.38	-20.38	-13.00	-25.25	-8.14	Peak

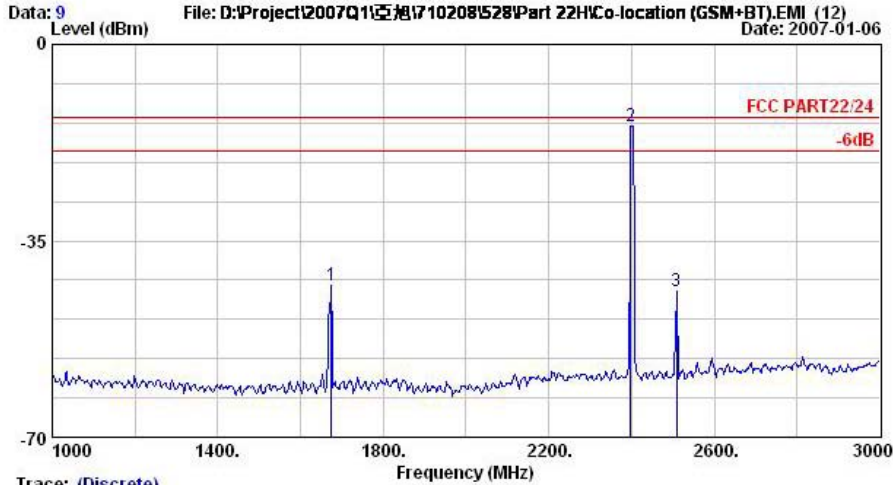


Trace: (Discrete)
 Site : 08CHO6-HY
 Condition : LF-SPURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : GSM850 Link;CM189+BT Tx_CM00+Adaptex
 Plane : E2

	Freq	Level	Over	Limit	Read	Factor	Remark
	MHz	dBm	dB	dBm	dBm	dB	
1	308.4	-43.64	-30.64	-13.00	-37.37	-6.27	Peak
2	836.9	-42.73			-44.09	1.36	Peak
3	880.3	-44.54			-46.25	1.71	Peak

Remark:

- 1. #2: MS Signal
- 2. #3: BS Signal

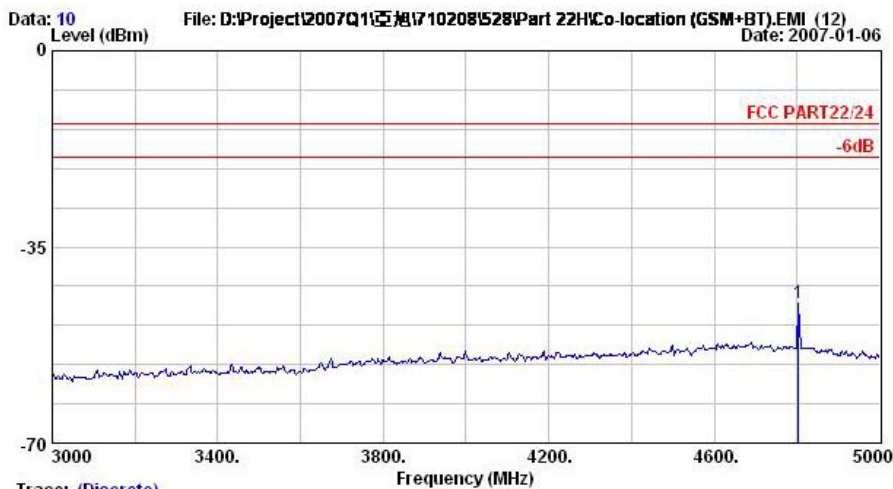


Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-SPURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : GSM850 Link;Ch189+BT Tx_CMO0+Adaptor
 Plane : E2

	Freq MHz	Level dBm	Over Limit dB	Limit Line dBm	Read Level dBm	Factor dB	Remark
1	1674.0	-42.82	-29.82	-13.00	-42.34	-0.48	Peak
2 @	2398.0	-14.45			-16.32	1.87	Peak
3	2508.0	-44.04	-31.04	-13.00	-46.31	2.27	Peak

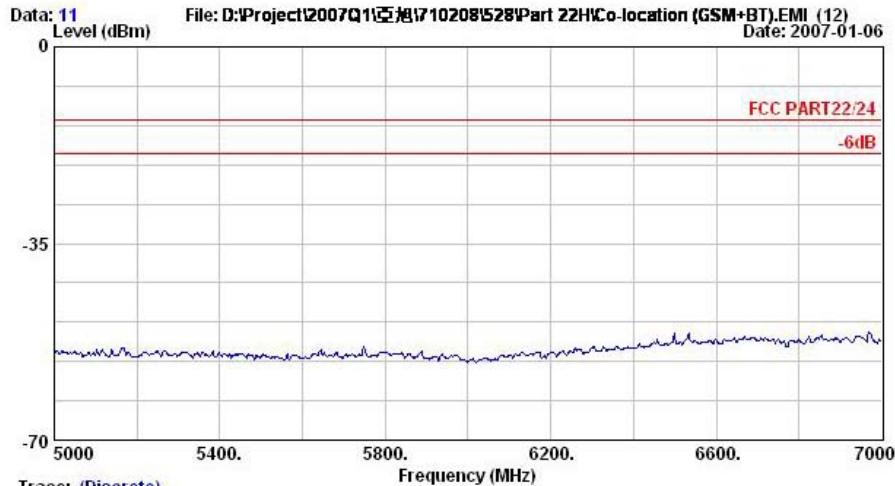
Remark:

- #2: BT Signal



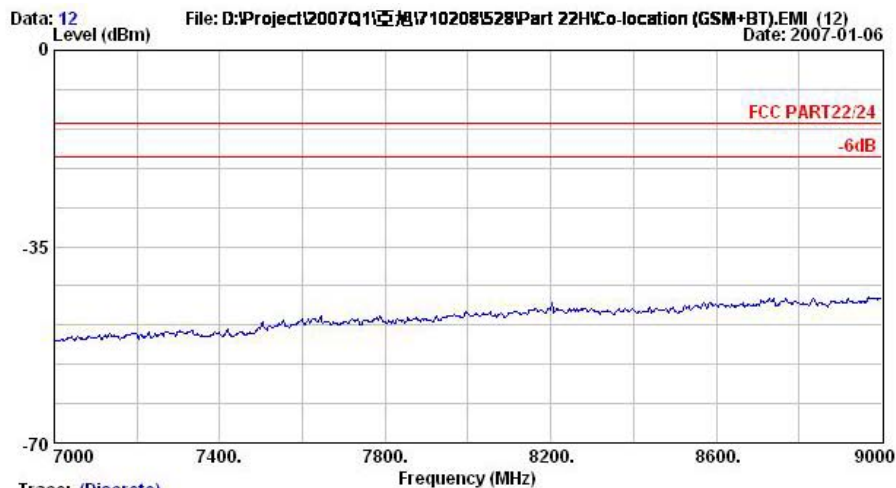
Trace: (Discrete)
 Site : 08CH06-HY
 Condition : HF-SPURIOUS VERTICAL
 EUT : PDA with GPRS/EDGE+WLAN11g+BT
 Power : 120Vac/60Hz
 Model : FG 710211
 Memo : GSM850 Link;Ch189+BT Tx_CMO0+Adaptor
 Plane : E2

	Freq MHz	Level dBm	Over Limit dB	Limit Line dBm	Read Level dBm	Factor dB	Remark
1	4804.0	-44.97	-31.97	-13.00	-55.41	10.44	Peak



Trace: (Discrete)

Site : 08CH06-HY
Condition : HF-SFURIOUS VERTICAL
EUT : PDA with GPRS/EDGE+WLAN11g+BT
Power : 120Vac/60Hz
Model : FG 710211
Memo : GSM850 Link;Ch189+BT Tx_Ch00+Adaptor
Plane : E2



Trace: (Discrete)

Site : 08CH06-HY
Condition : HF-SFURIOUS VERTICAL
EUT : PDA with GPRS/EDGE+WLAN11g+BT
Power : 120Vac/60Hz
Model : FG 710211
Memo : GSM850 Link;Ch189+BT Tx_Ch00+Adaptor
Plane : E2

Remark : There is no more obvious emission except the listings above.

4.7 Frequency Stability (Temperature Variation)

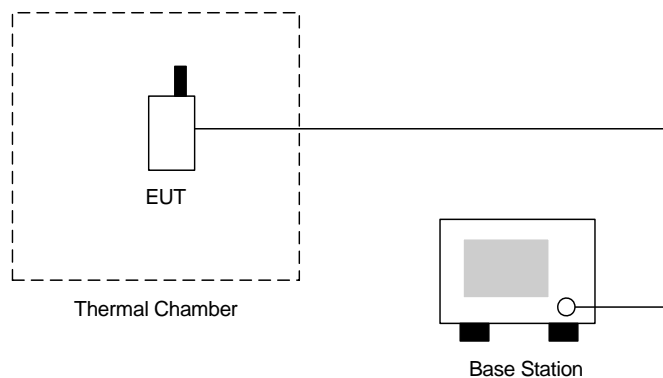
4.7.1 Measurement Instrument

As described in chapter 5 of this test report.

4.7.2 Test Procedure

1. The EUT and test equipment were set up as shown on the following section.
2. With all power removed, the temperature was decreased to -30°C and permitted to stabilize for three hours. Power was applied and the maximum change in frequency was noted within one minute.
3. With power OFF, the temperature was raised in 10°C steps. The sample was permitted to stabilize at each step for at least one-half hour. Power was applied and the maximum frequency change was noted within one minute.
4. The temperature tests were performed for the worst case.
5. Test data was recorded.

4.7.3 Test Setup Layout





4.7.4 Test Result

- Test Mode : GSM850 (GSM) CH189

Temperature()	Change (Hz)	Change (ppm)	Limit (ppm)	Result
-30	-	-	2.5	Passed
-20	58	0.03		
-10	-52	-0.03		
0	45	0.02		
10	23	0.01		
20	38	0.02		
30	-35	-0.02		
40	41	0.02		
50	-51	-0.03		

Remark : The DUT can not be turned on at -30 .

- Test Mode : GSM850 (EDGE) CH189

Temperature()	Change (Hz)	Change (ppm)	Limit (ppm)	Result
-30	-	-	2.5	Passed
-20	50	0.03		
-10	-52	-0.03		
0	38	0.02		
10	28	0.01		
20	-35	-0.02		
30	38	0.02		
40	46	0.02		
50	53	0.03		

Remark : The DUT can not be turned on at -30 .



▪ Test Mode : PCS1900 (GSM) CH661

Temperature()	Change (Hz)	Change (ppm)	Limit (ppm)	Result
-30	-	-	2.5	Passed
-20	62	0.03		
-10	-53	-0.03		
0	55	0.03		
10	38	0.02		
20	22	0.01		
30	-40	-0.02		
40	-58	-0.03		
50	-57	-0.03		

Remark : The DUT can not be turned on at -30 .

▪ Test Mode : PCS1900 (EDGE) CH661

Temperature()	Change (Hz)	Change (ppm)	Limit (ppm)	Result
-30	-	-	2.5	Passed
-20	58	0.03		
-10	-52	-0.03		
0	48	0.03		
10	30	0.02		
20	25	0.01		
30	35	0.02		
40	-50	-0.03		
50	-55	-0.03		

Remark : The DUT can not be turned on at -30 .

4.8 Frequency Stability (Voltage Variation)

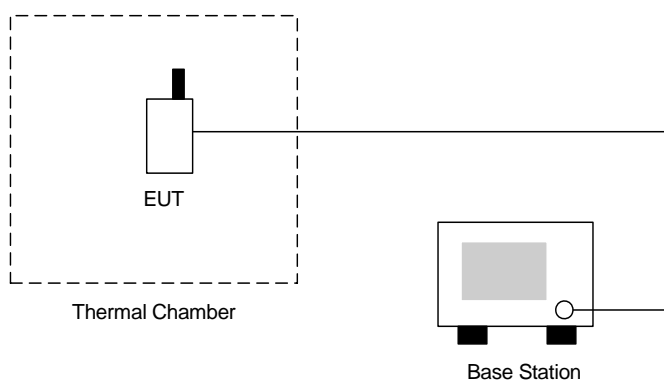
4.8.1 Measurement Instrument

As described in chapter 5 of this test report.

4.8.2 Test Procedure

1. The EUT was placed in a temperature chamber at $25\pm 5^{\circ}\text{C}$ and connected as the following section.
2. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

4.8.3 Test Setup Layout



4.8.4 Test Result

- Test Mode : GSM850 (GSM) CH189

Voltage(Volt)	Change (Hz)	Change (ppm)	Limit (ppm)	Result
3.7	28.0	0.01	2.5	Passed
BEP	-35.0	-0.02		
4.3	28.0	0.01		

- Test Mode : GSM850 (EDGE) CH189

Voltage(Volt)	Change (Hz)	Change (ppm)	Limit (ppm)	Result
3.7	20.0	0.01	2.5	Passed
BEP	-25.0	-0.01		
4.3	27.0	0.01		



- Test Mode : PCS1900 (GSM) CH661

Voltage(Volt)	Change (Hz)	Change (ppm)	Limit (ppm)	Result
3.7	-22.0	-0.01	2.5	Passed
BEP	-42.0	-0.02		
4.3	27.0	0.01		

- Test Mode : PCS1900 (EDGE8) CH661

Voltage(Volt)	Change (Hz)	Change (ppm)	Limit (ppm)	Result
3.7	27.0	0.01	2.5	Passed
BEP	34.0	0.02		
4.3	-25.0	-0.01		

Remark:

1. Normal Voltage=3.7V.
2. Battery End Point (BEP)=3.3 V.



5 List of Measurement Equipments

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
Spectrum analyzer	Agilent	E4408B	MY44211030	9KHz-26.5GHz	Jul. 25, 2006	Jul. 24, 2007	Radiation (03CH06-HY)
Receiver	R&S	ESCS30	100356	9KHz-2.75GHz	Jun. 28, 2006	Jun. 27, 2007	Radiation (03CH06-HY)
Controller	CT	SC100	N/A	N/A	N/A	N/A	Radiation (03CH06-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2885	30MHz -2GHz	Nov. 21, 2006	Nov. 21, 2008	Radiation (03CH06-HY)
Horn Antenna	Com-Power	AH118	071025	1G-18G	Feb. 1, 2005	Feb. 1, 2007	Radiation (03CH06-HY)
SHF-EHF Horn	SCHWARZBECK	BBHA 9170	9170-249	14G - 40G	Jul. 21, 2006	Jul. 20, 2007	Radiation (03CH06-HY)
Amplifier	MITEQ	AMF-6F	997165	26G - 40G	Jul. 21, 2006	Jul. 20, 2007	Radiation (03CH06-HY)
Turn Table	HD	DS 420	420/650/00	0 ~ 360 degree	N/A	N/A	Radiation (03CH06-HY)
Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	N/A	Radiation (03CH06-HY)
Power Meter	Agilent	E4416A	GB41292344	N/A	Jan. 23, 2006	Jan. 22, 2008	Radiation (03CH06-HY)
Power Sensor	Agilent	E9327A	US40441548	N/A	Feb. 06, 2006	Feb. 05, 2007	Radiation (03CH06-HY)



6 Uncertainty Evaluation

Uncertainty of Radiated Emission Measurement (30MHz ~ 1000MHz)

Contribution	Uncertainty of x_i		$u(x_i)$
	dB	Probability Distribution	
Receiver reading	0.41	Normal(k=2)	0.21
Antenna factor calibration	0.83	Normal(k=2)	0.42
Cable loss calibration	0.25	Normal(k=2)	0.13
Pre Amplifier Gain calibration	0.27	Normal(k=2)	0.14
RCV/SPA specification	2.50	Rectangular	0.72
Antenna Factor Interpolation for Frequency	1.00	Rectangular	0.29
Site imperfection	1.43	Rectangular	0.83
Mismatch	+0.39/-0.41	U-shaped	0.28
combined standard uncertainty Uc(y)	1.27		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	2.54		

Uncertainty of Radiated Emission Measurement (1GHz ~ 40GHz)

Contribution	Uncertainty of x_i		$u(x_i)$	C_i	$C_i * u(x_i)$
	dB	Probability Distribution			
Receiver reading	±0.10	Normal(k=1)	0.10	1	0.10
Antenna factor calibration	±1.70	Normal(k=2)	0.85	1	0.85
Cable loss calibration	±0.50	Normal(k=2)	0.25	1	0.25
Receiver Correction	±2.00	Rectangular	1.15	1	1.15
Antenna Factor Directional	±1.50	Rectangular	0.87	1	0.87
Site imperfection	±2.80	Triangular	1.14	1	1.14
Mismatch Receiver VSWR $\Gamma_1 = 0.197$ Antenna VSWR $\Gamma_2 = 0.194$ Uncertainty = $20 \log(1 - \Gamma_1 * \Gamma_2 * \Gamma_3)$	+0.34/-0.35	U-shaped	0.244	1	0.244
Combined standard uncertainty Uc(y)	2.36				
Measuring uncertainty for a level of confidence of 95% U=2Ue(y)	4.72				

END OF TEST REPORT