



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Test

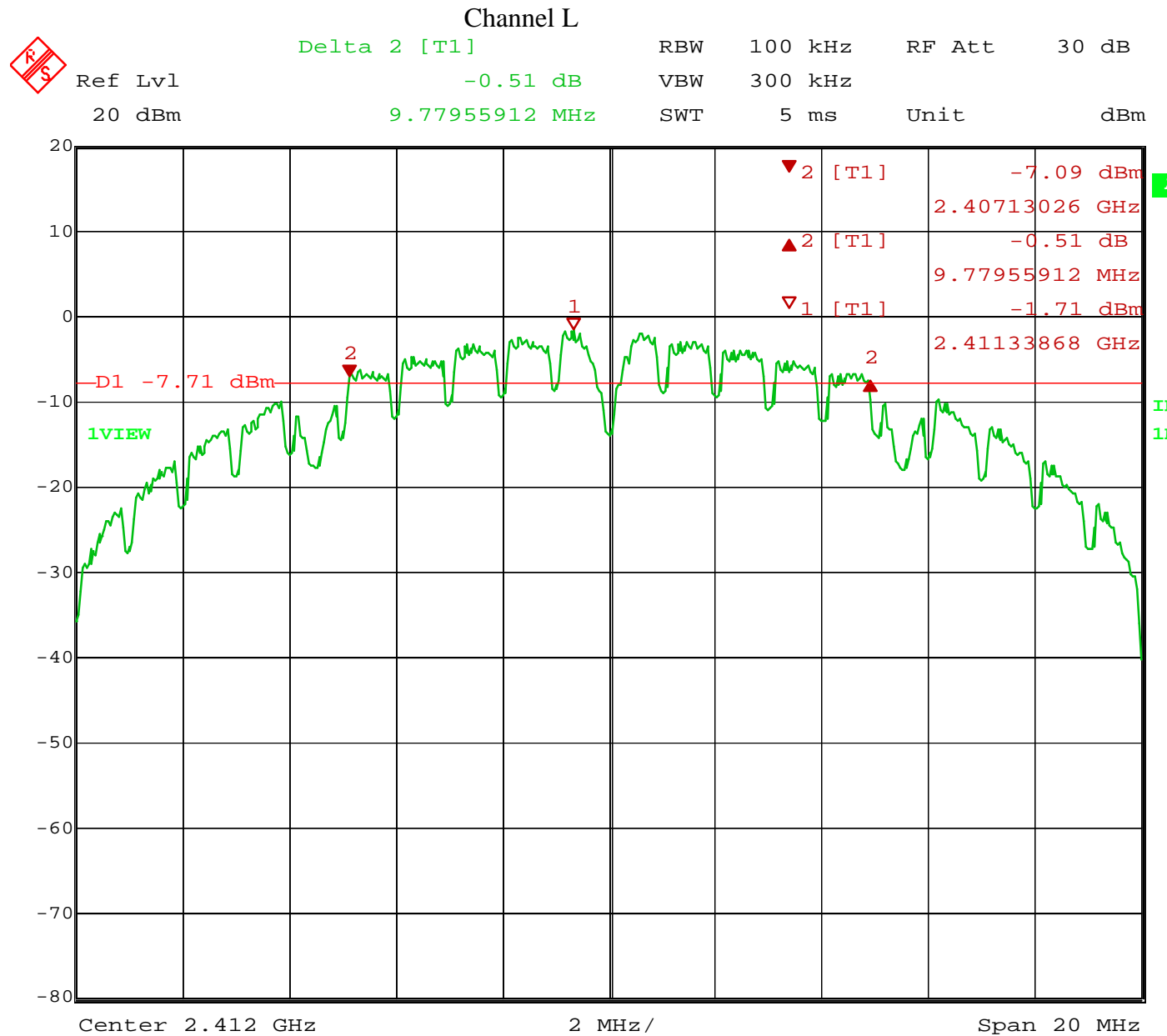
Data



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

1. Minimum 6dB bandwidth

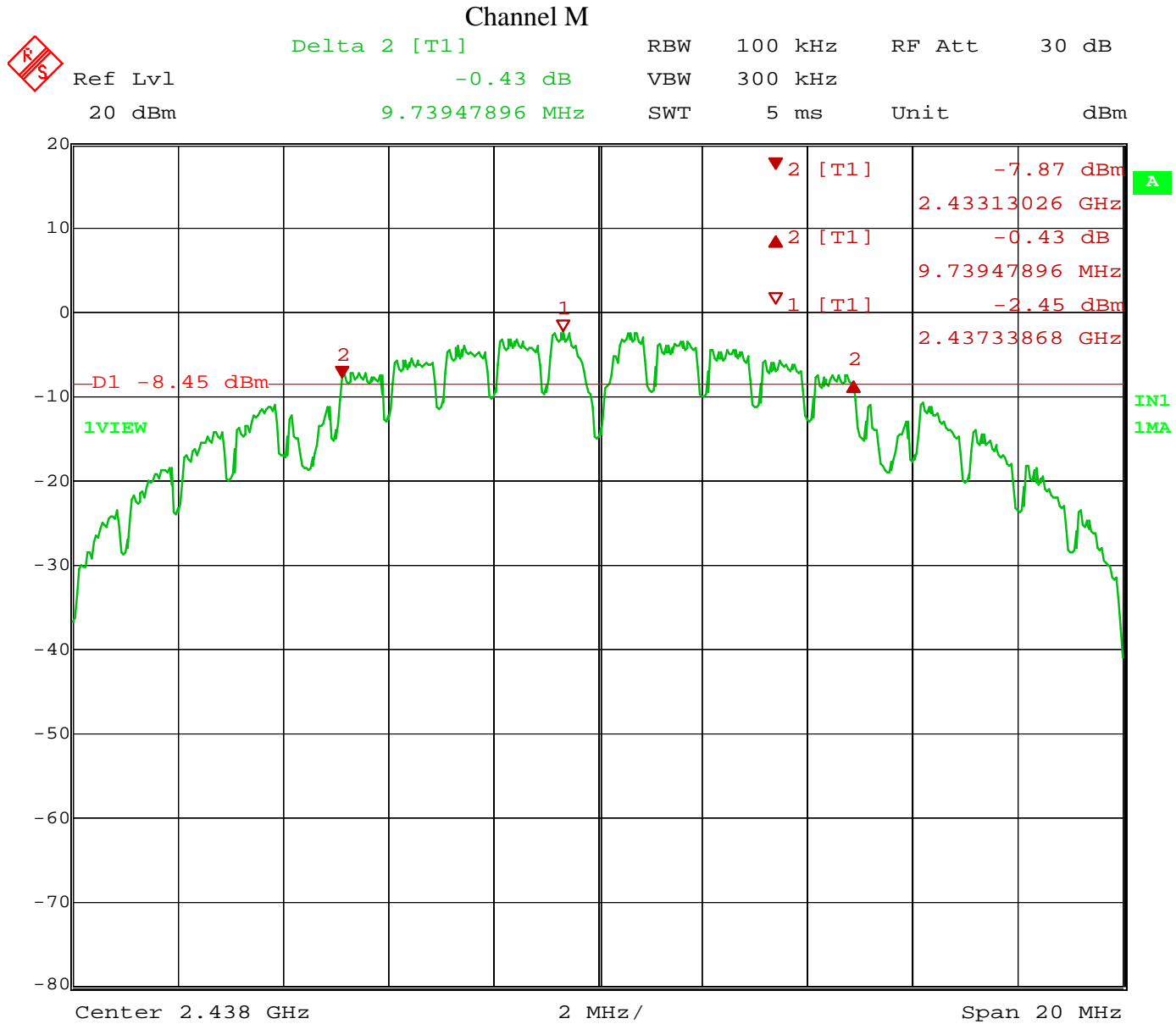
Antenna 1



Date: 17.JUN.2009 19:54:21



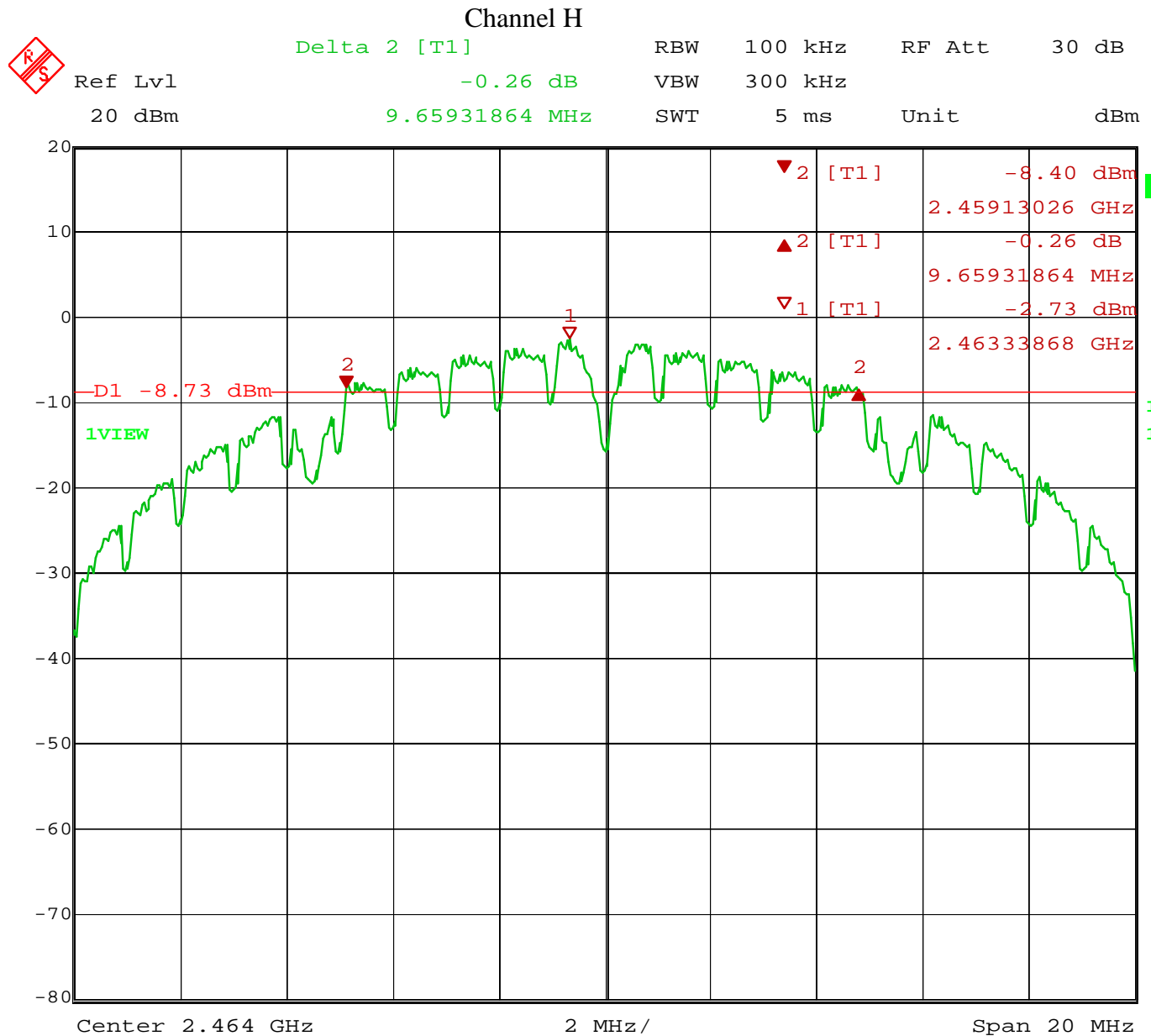
FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003



Date: 17.JUN.2009 19:56:27



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

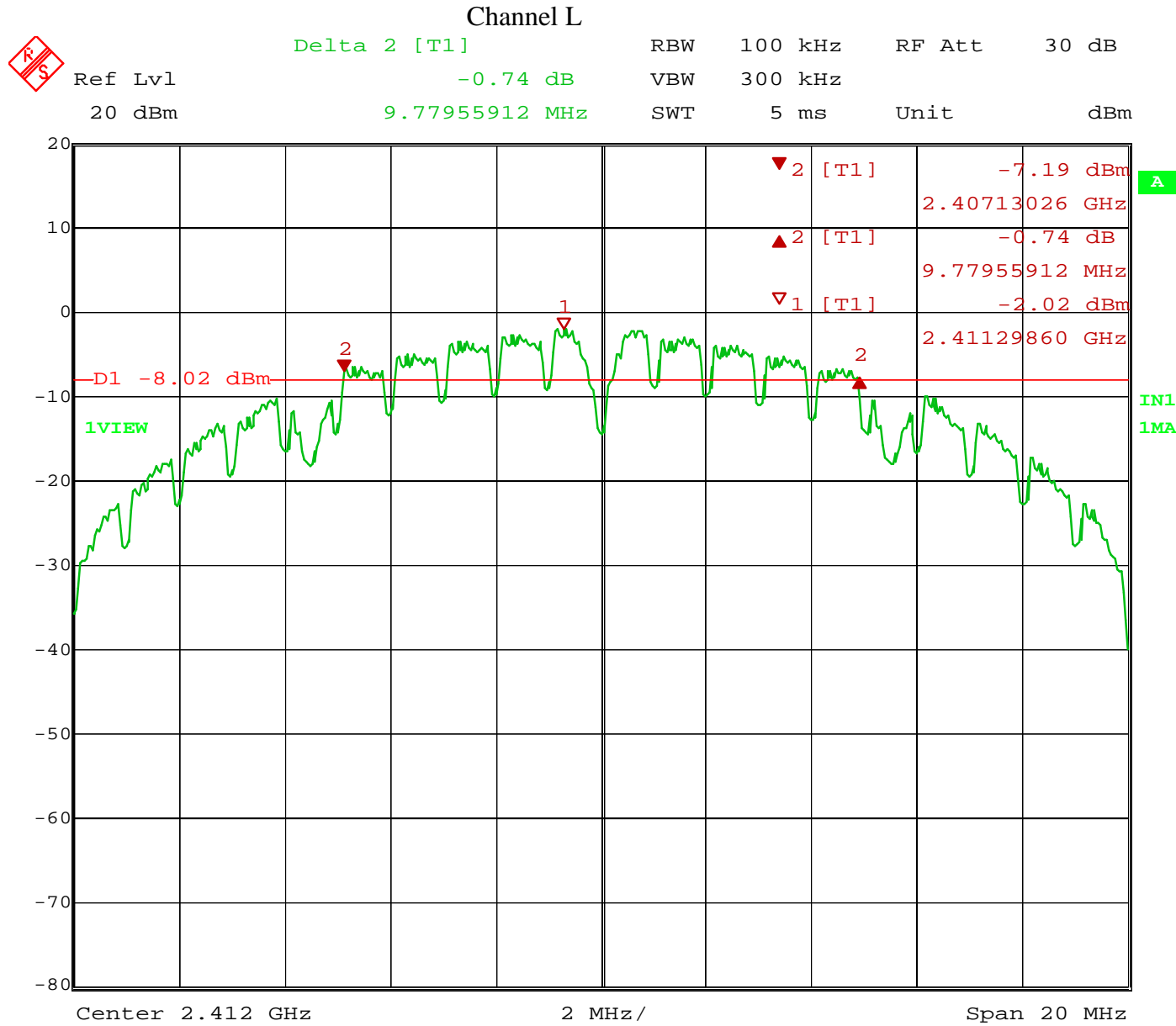


Date: 17.JUN.2009 19:58:00



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

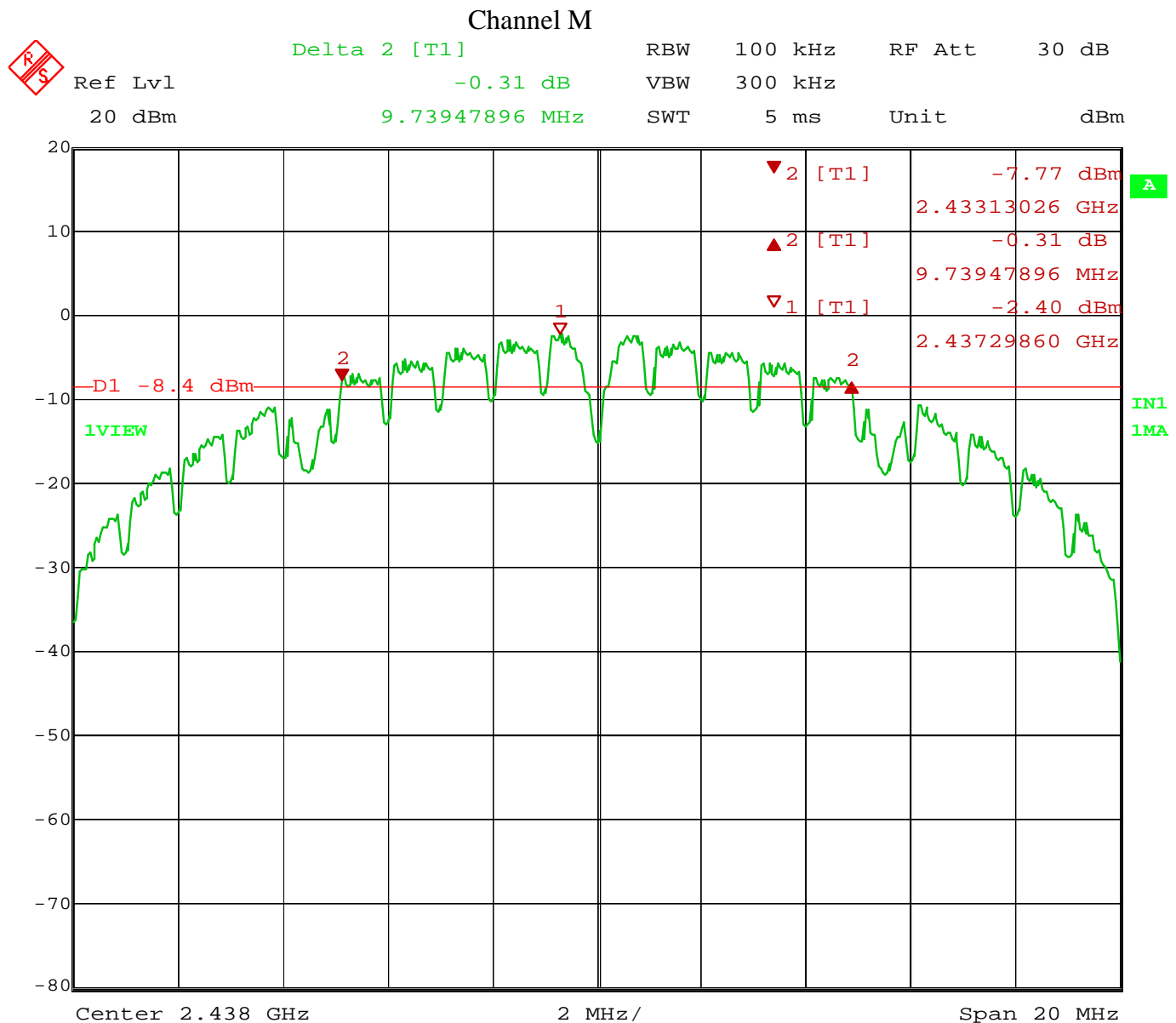
Antenna 2



Date: 17.JUN.2009 20:34:07



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003



Date: 17.JUN.2009 20:35:40

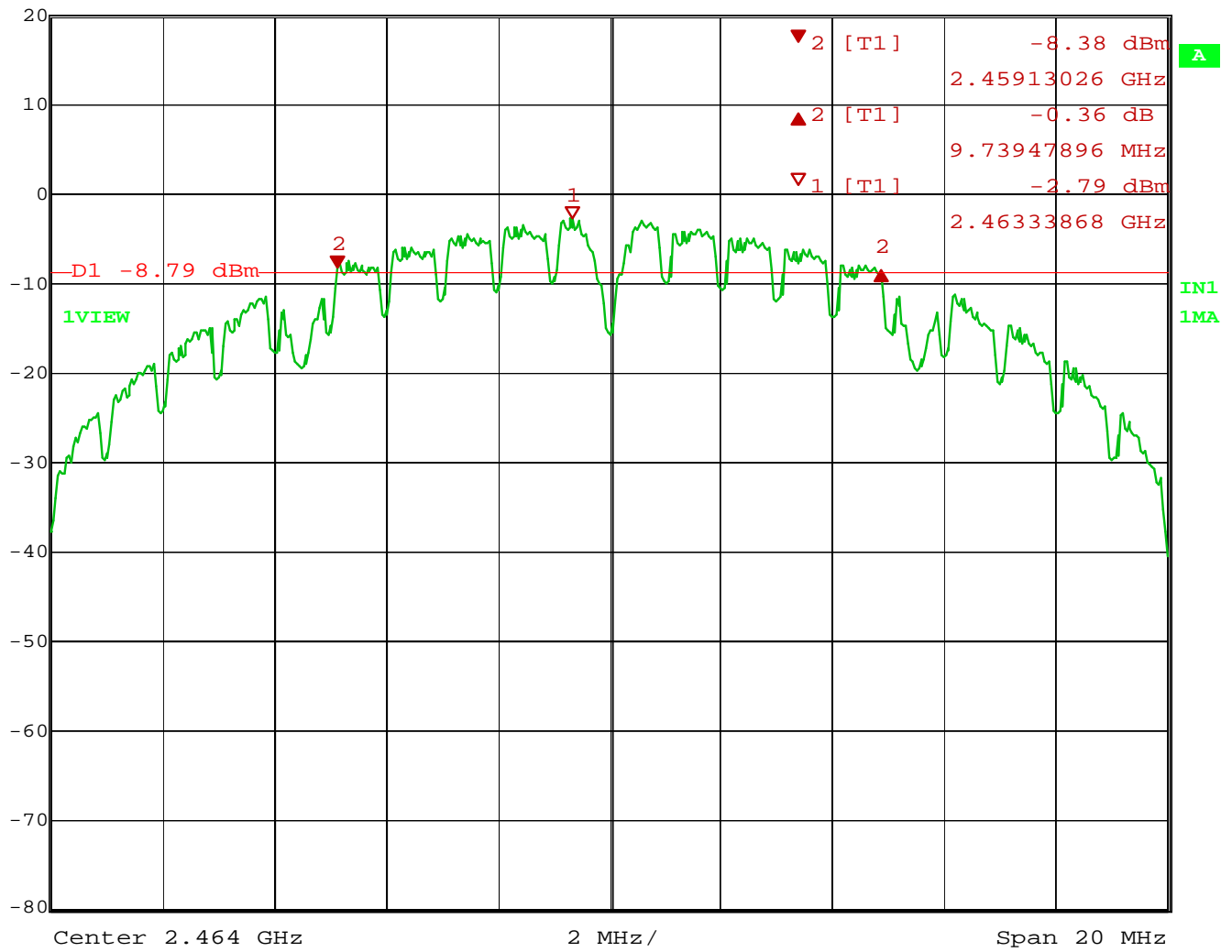


FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Channel H



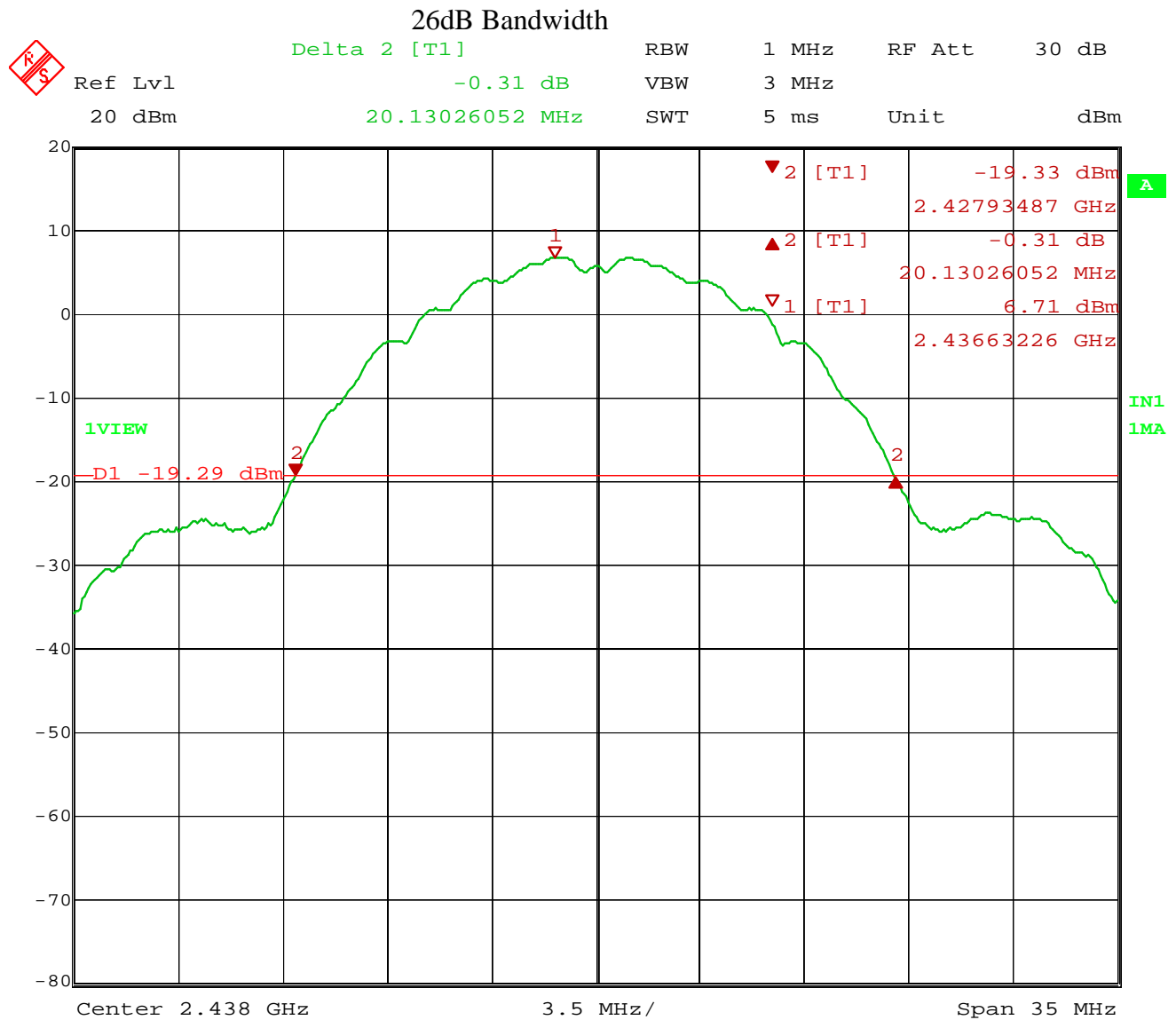
Ref Lvl	Delta 2 [T1]	RBW	100 kHz	RF Att	30 dB
20 dBm	-0.36 dB	VBW	300 kHz		
	9.73947896 MHz	SWT	5 ms	Unit	dBm



Date: 17.JUN.2009 20:37:11

2. Maximum peak output power

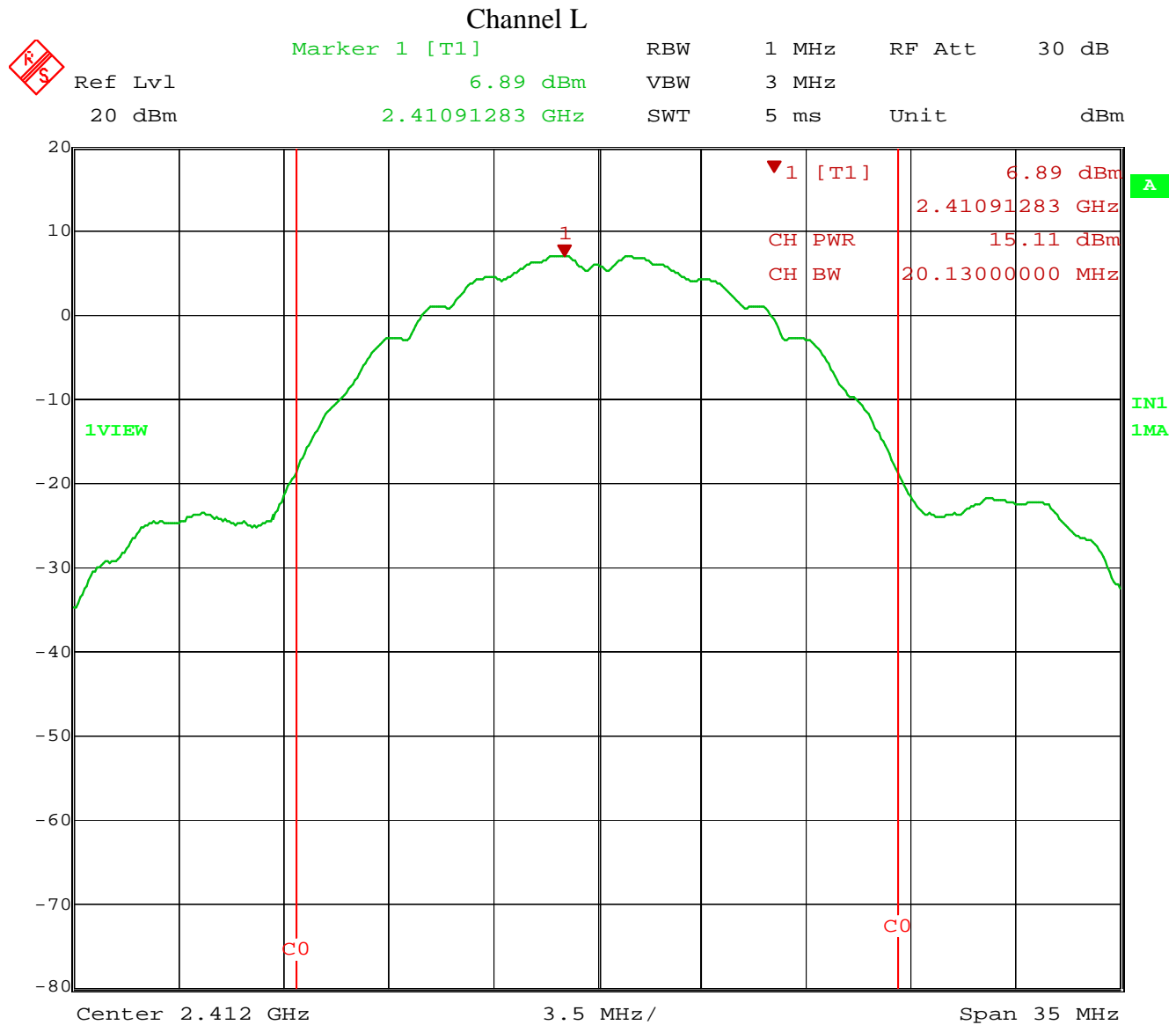
Antenna 1



Date: 17.JUN.2009 19:36:54



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003



Date: 17.JUN.2009 19:48:02

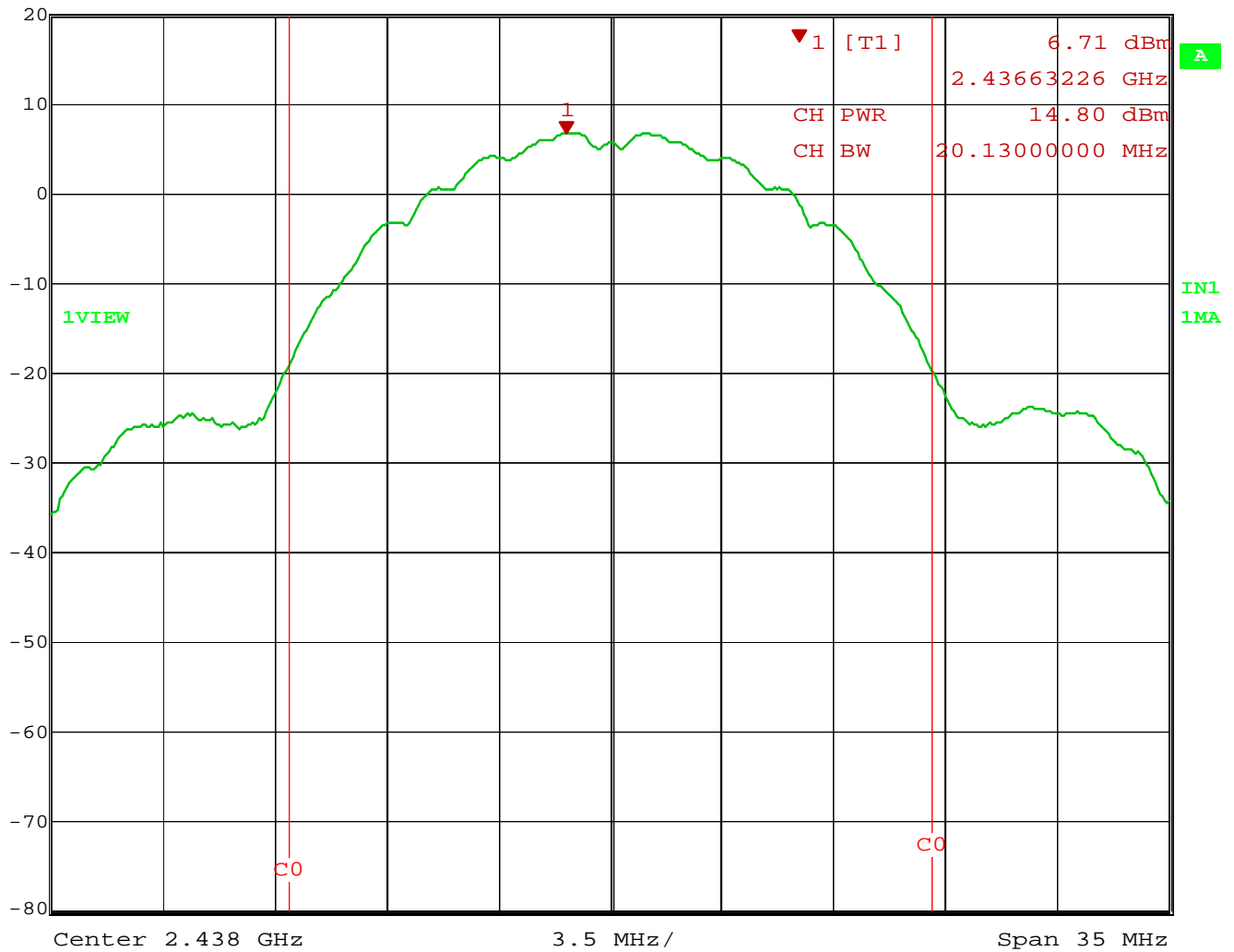


FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Channel M



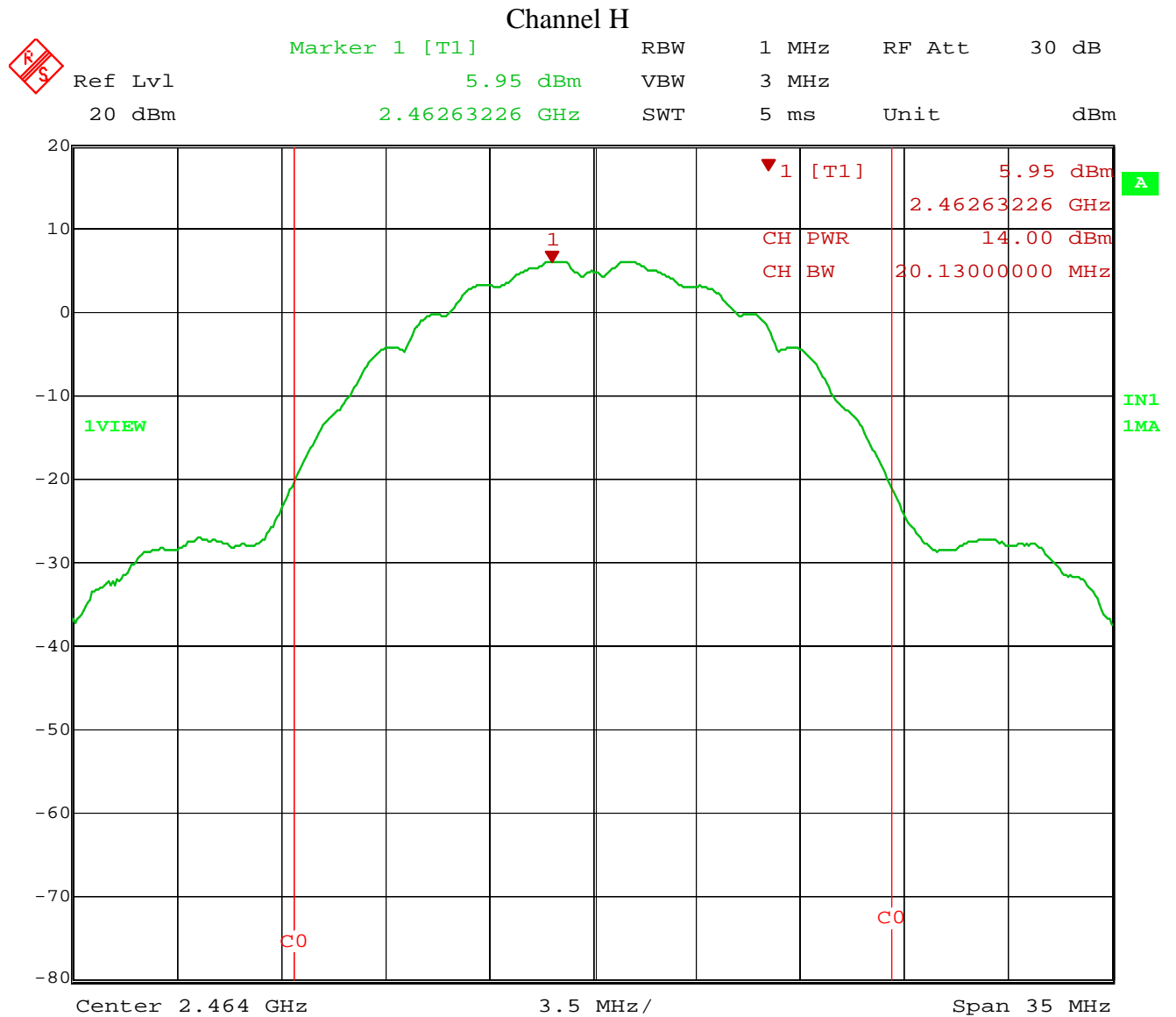
Ref Lvl	Marker 1 [T1]	RBW	1 MHz	RF Att	30 dB
20 dBm	6.71 dBm	VBW	3 MHz		
	2.43663226 GHz	SWT	5 ms	Unit	dBm



Date: 17.JUN.2009 19:39:53



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

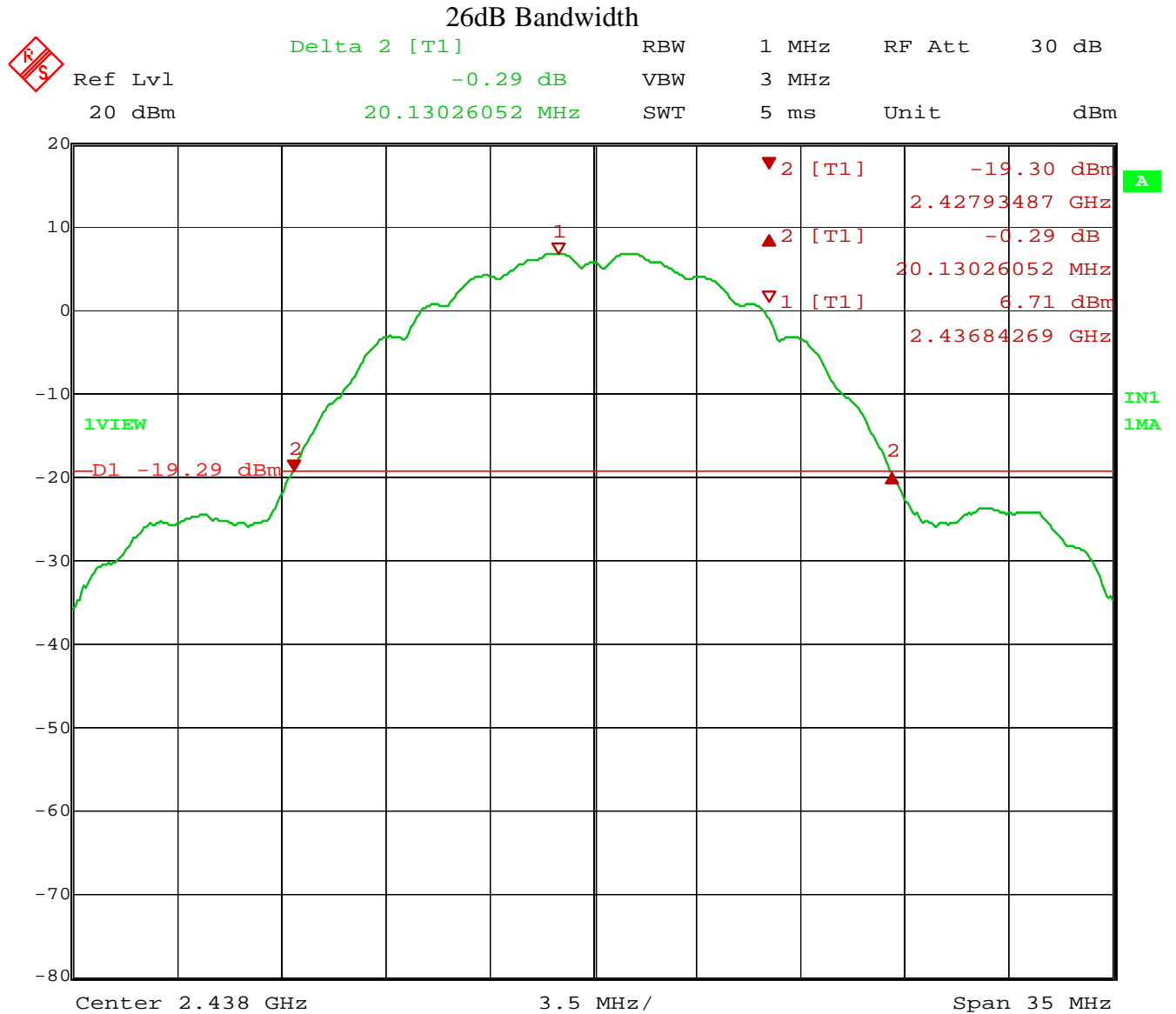


Date: 17.JUN.2009 19:41:08



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Antenna 2



Date: 17.JUN.2009 20:27:14

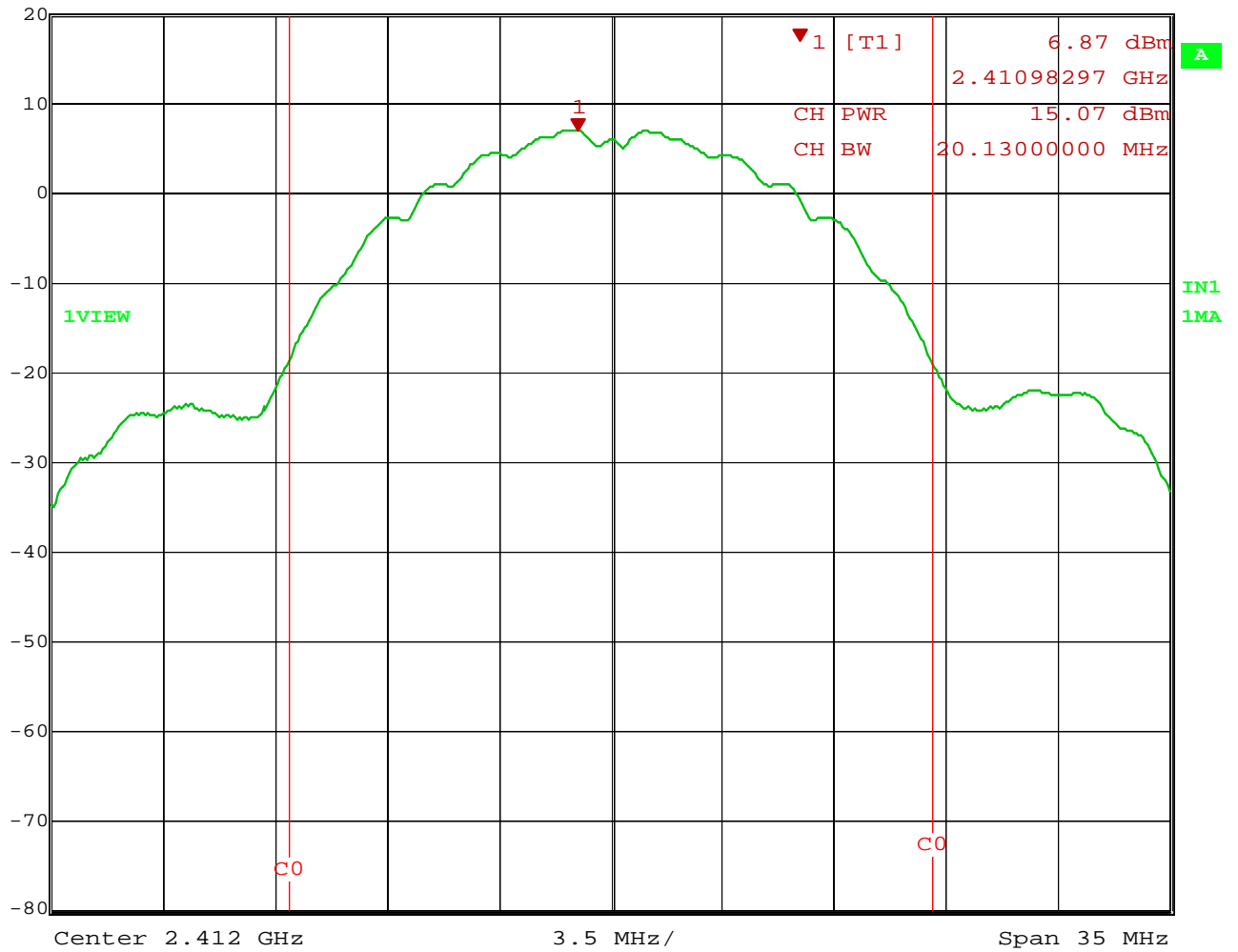


FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Channel L



Marker 1 [T1] RBW 1 MHz RF Att 30 dB
Ref Lvl 6.87 dBm VBW 3 MHz
20 dBm 2.41098297 GHz SWT 5 ms Unit dBm



Date: 17.JUN.2009 20:31:05

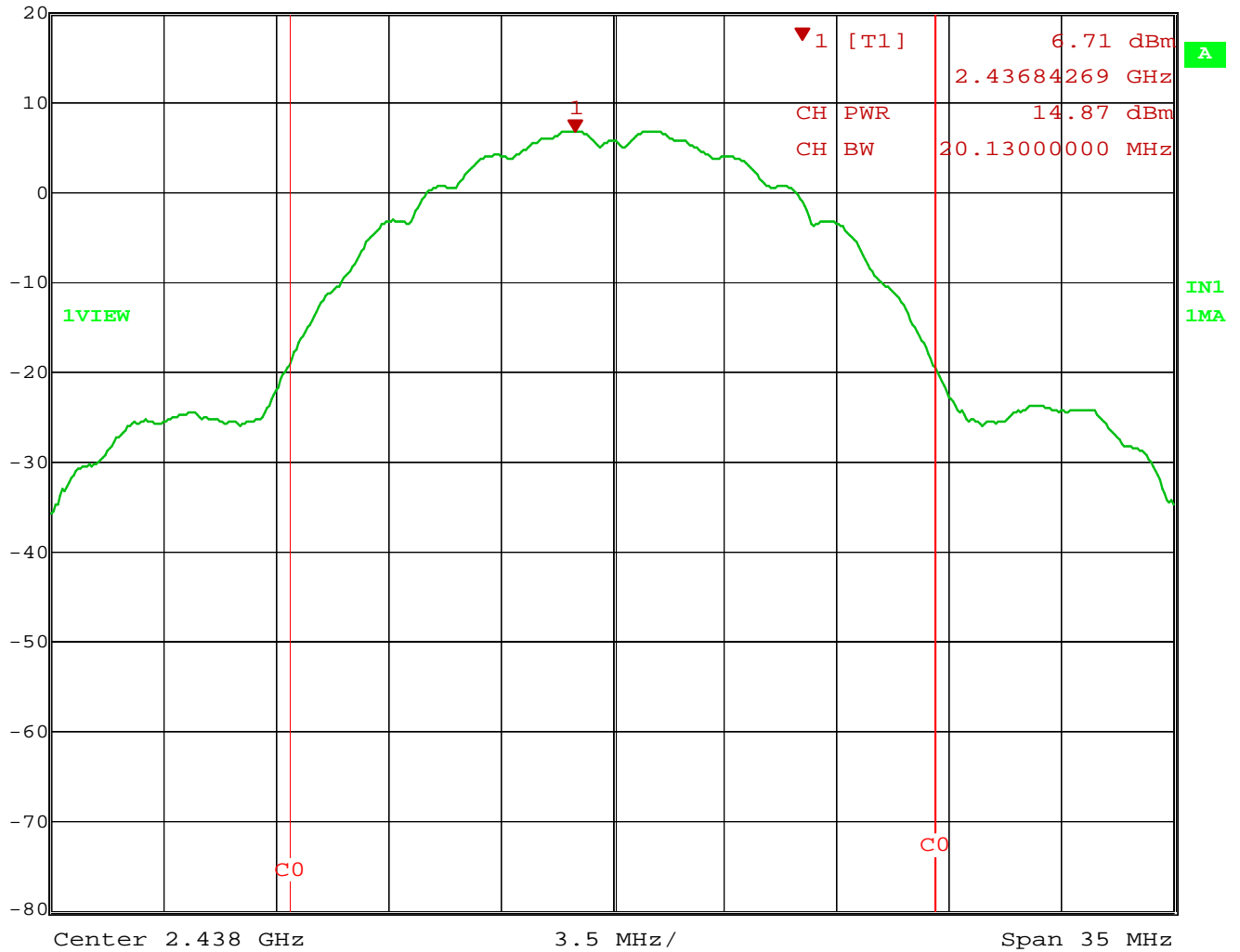


FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Channel M



Ref Lvl	Marker 1 [T1]	RBW	1 MHz	RF Att	30 dB
20 dBm	6.71 dBm	VBW	3 MHz		
	2.43684269 GHz	SWT	5 ms	Unit	dBm



Date: 17.JUN.2009 20:28:25

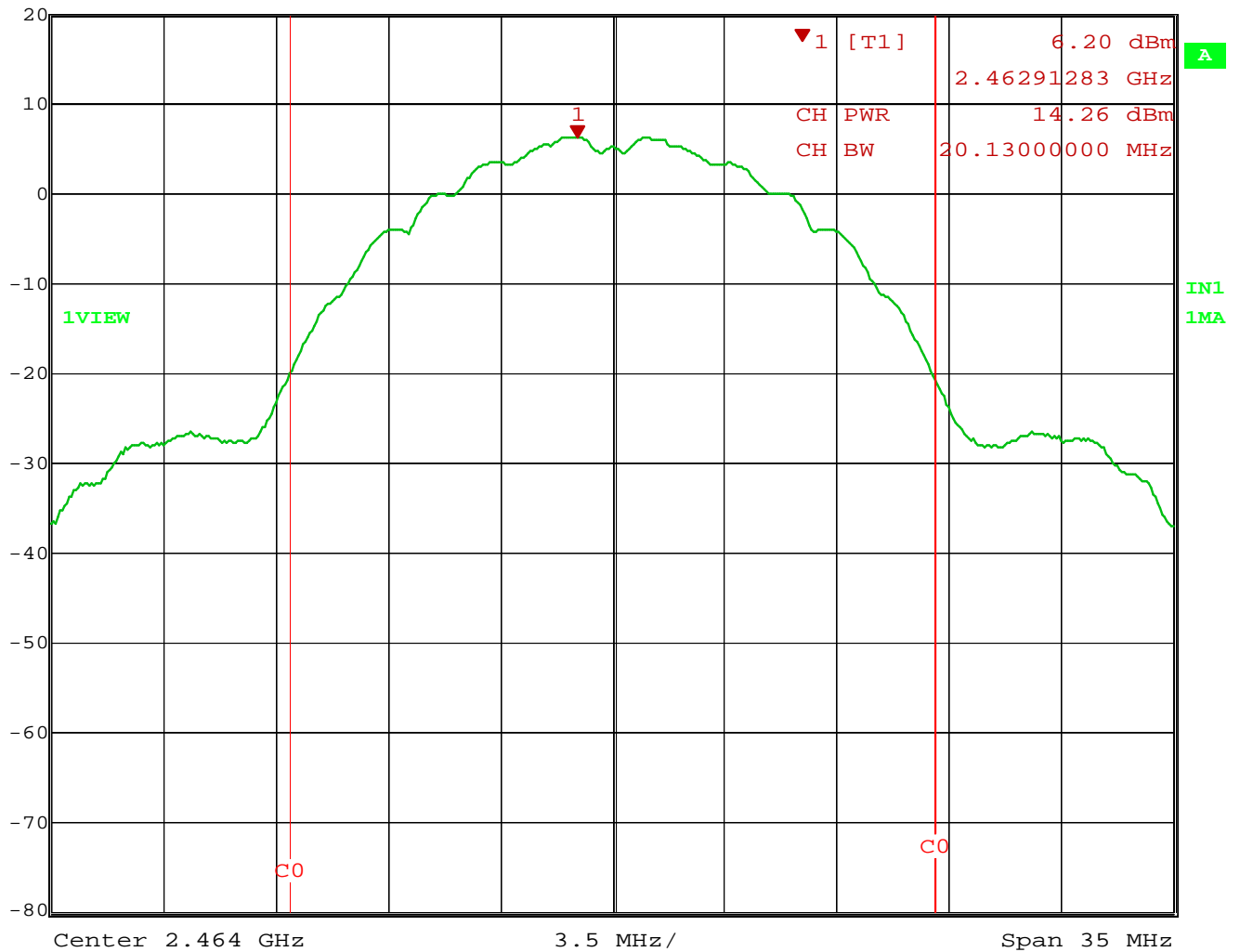


FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Channel H



Ref Lvl 20 dBm
Marker 1 [T1] 6.20 dBm
2.46291283 GHz
RBW 1 MHz
VBW 3 MHz
SWT 5 ms
RF Att 30 dB
Unit dBm



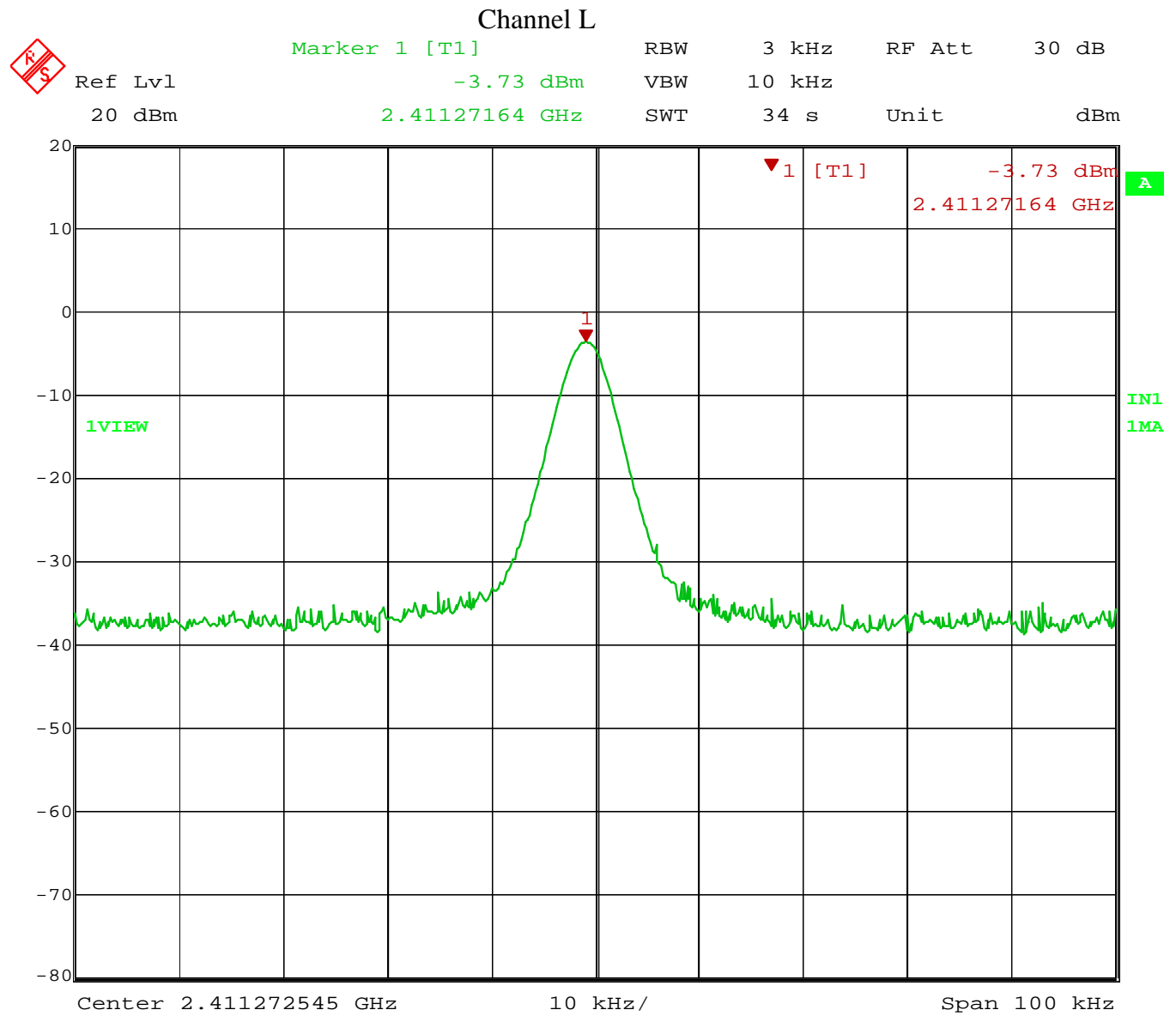
Date: 17.JUN.2009 20:30:09



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

3. Power spectrum density

Antenna 1

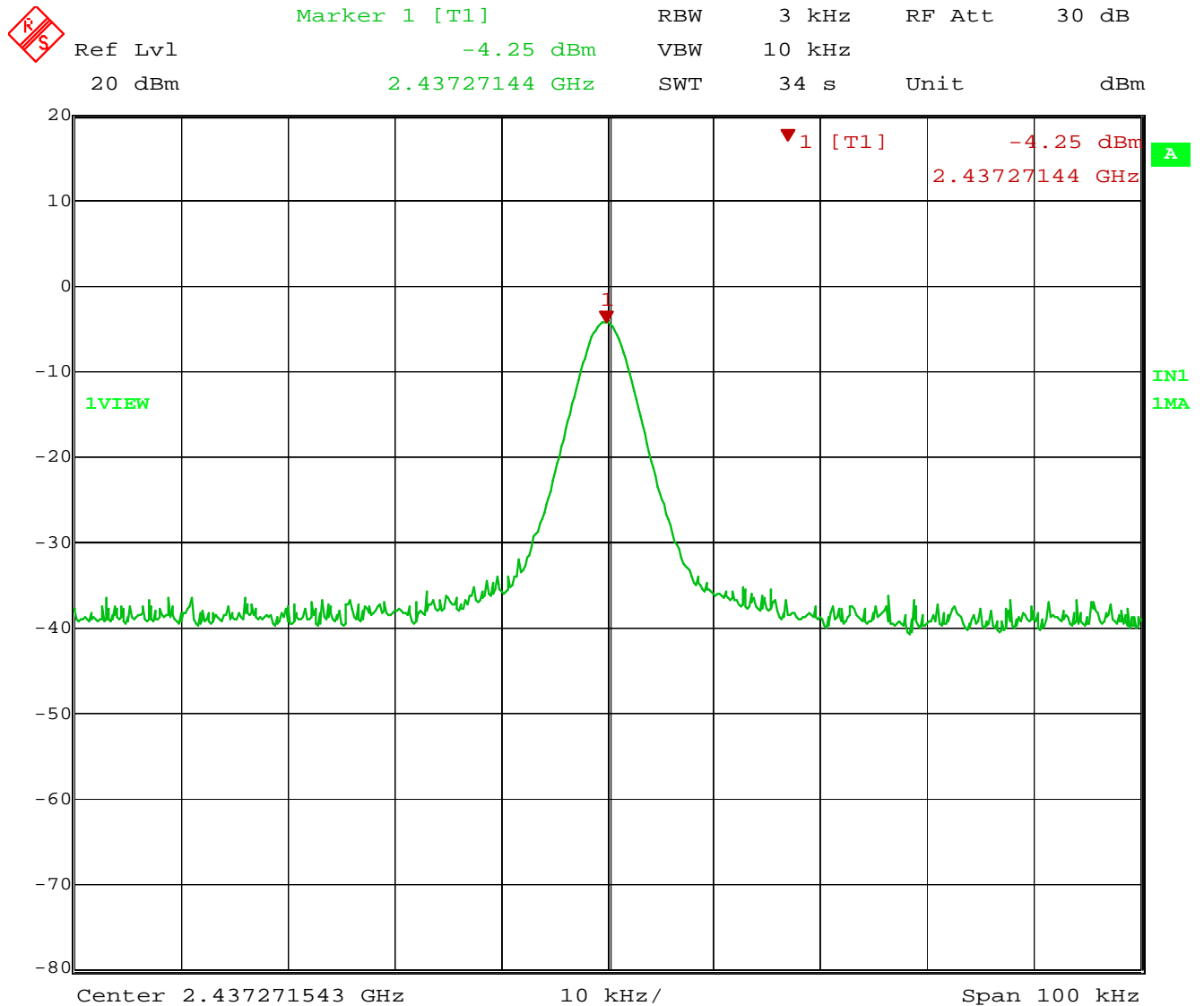


Date: 17.JUN.2009 20:15:41



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

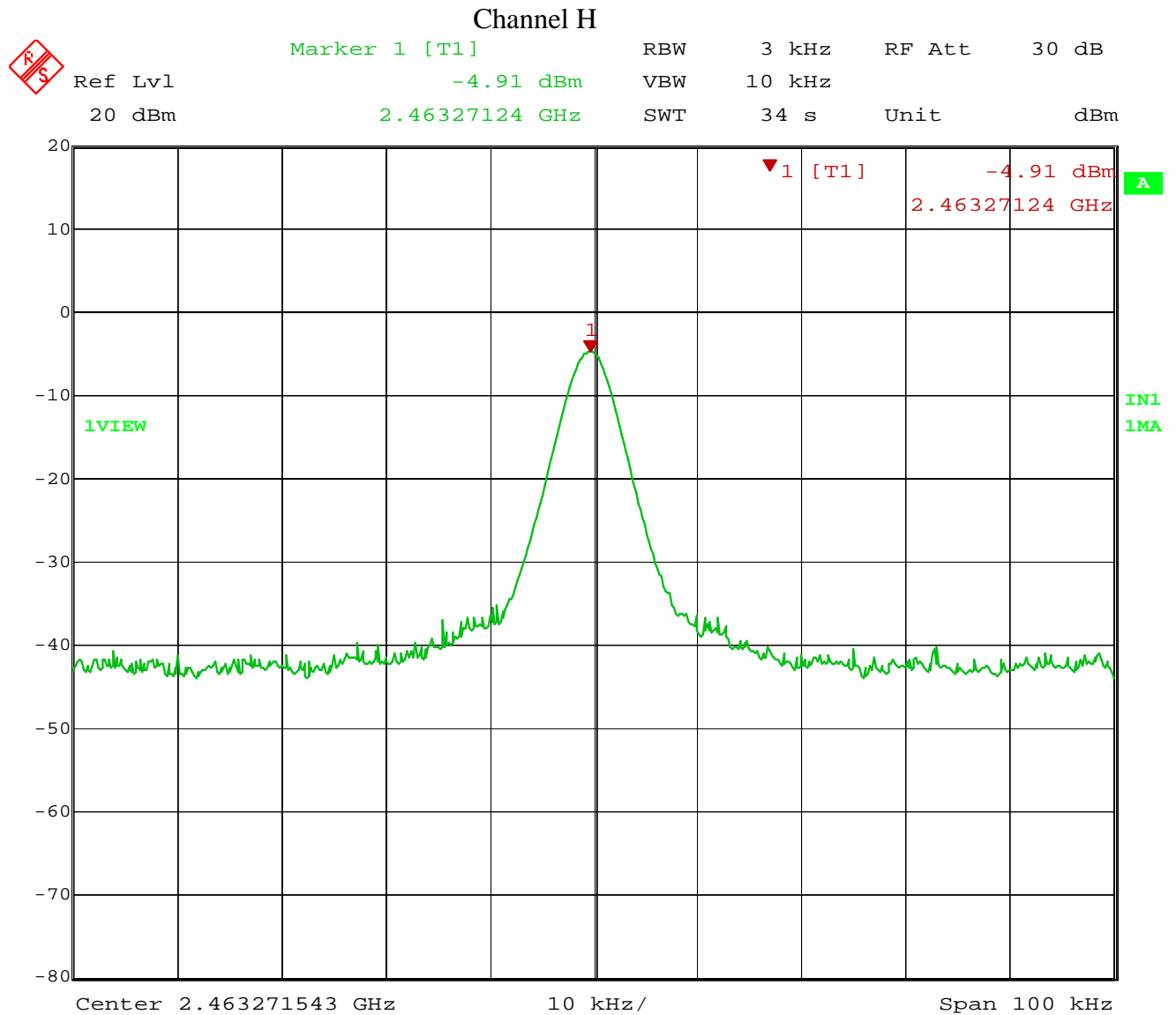
Channel M



Date: 17.JUN.2009 20:17:34



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

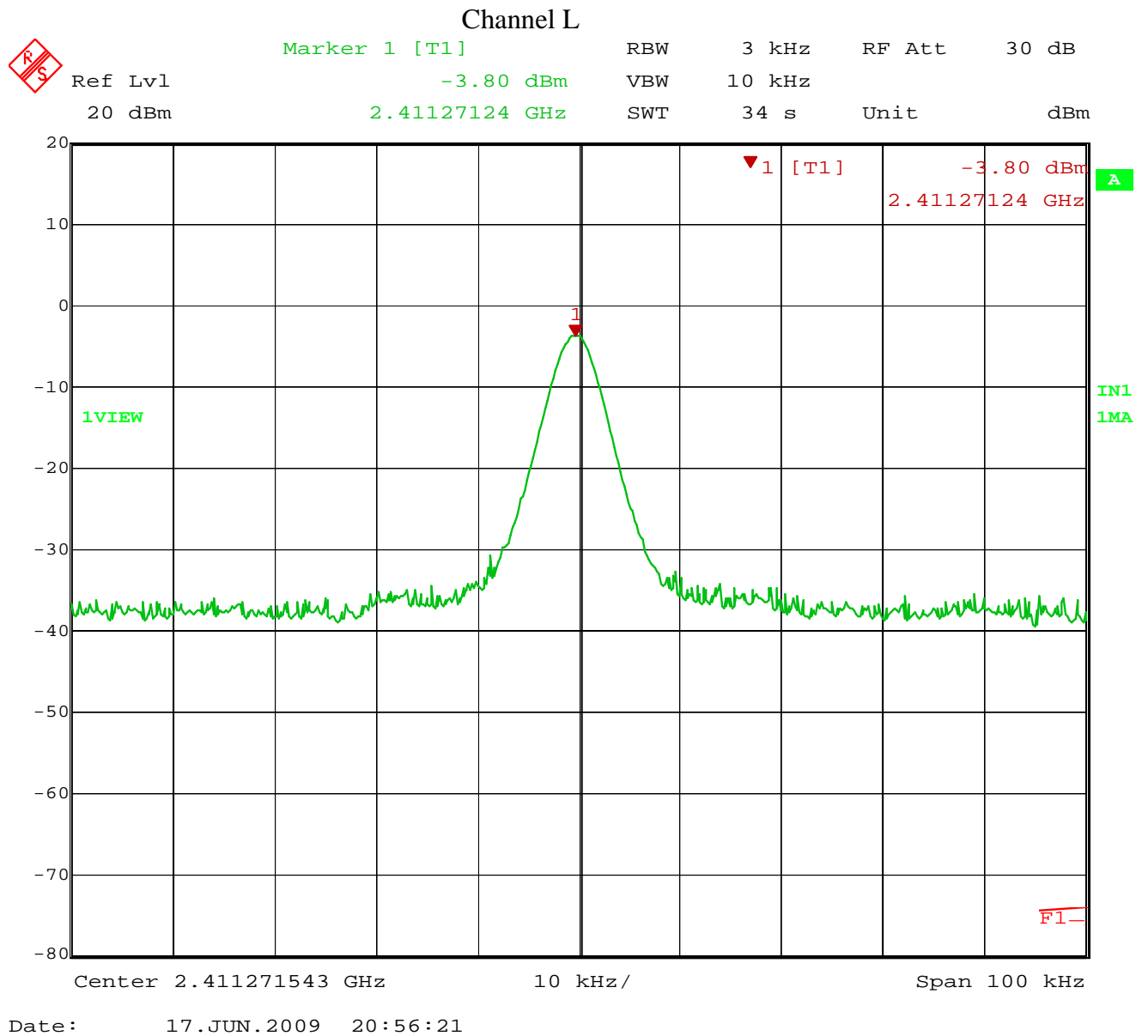


Date: 17.JUN.2009 20:19:42



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Antenna 2



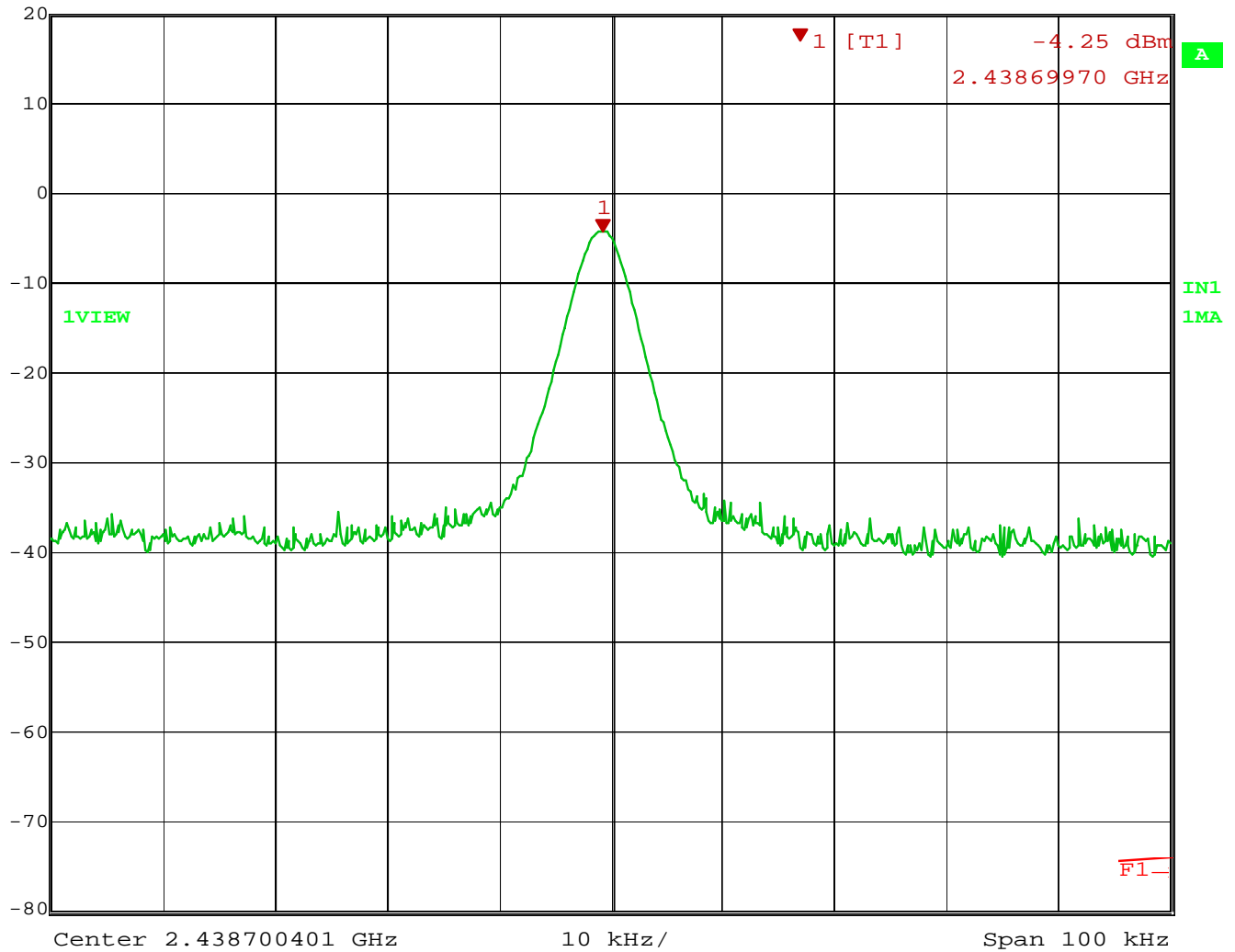


FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Channel M



Ref Lvl	Marker 1 [T1]	RBW	3 kHz	RF Att	30 dB
20 dBm	-4.25 dBm	VBW	10 kHz		
	2.43869970 GHz	SWT	34 s	Unit	dBm



Date: 17.JUN.2009 20:58:34

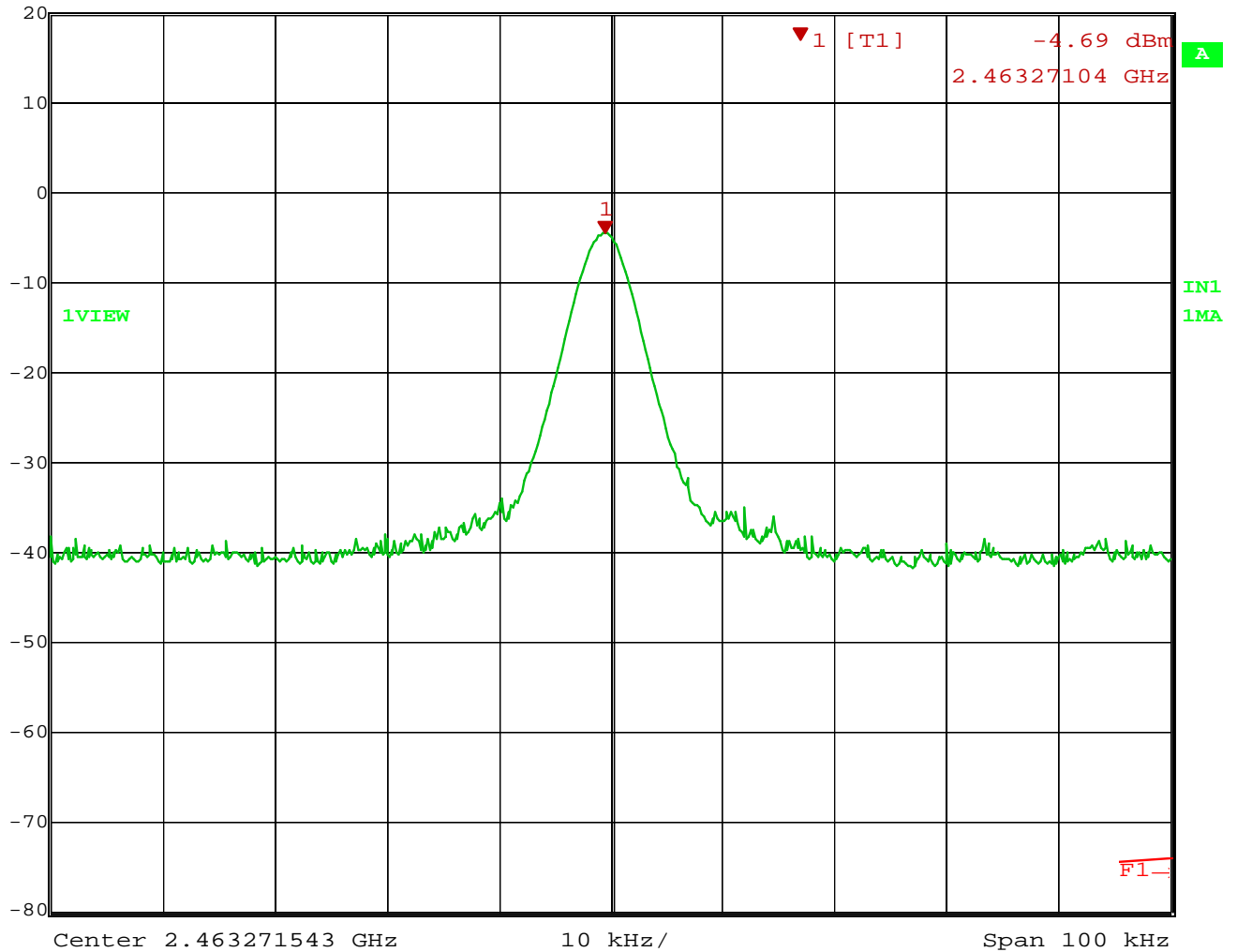


FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Channel H



Ref Lvl 20 dBm
Marker 1 [T1] -4.69 dBm
2.46327104 GHz
RBW 3 kHz
VBW 10 kHz
SWT 34 s
RF Att 30 dB
Unit dBm

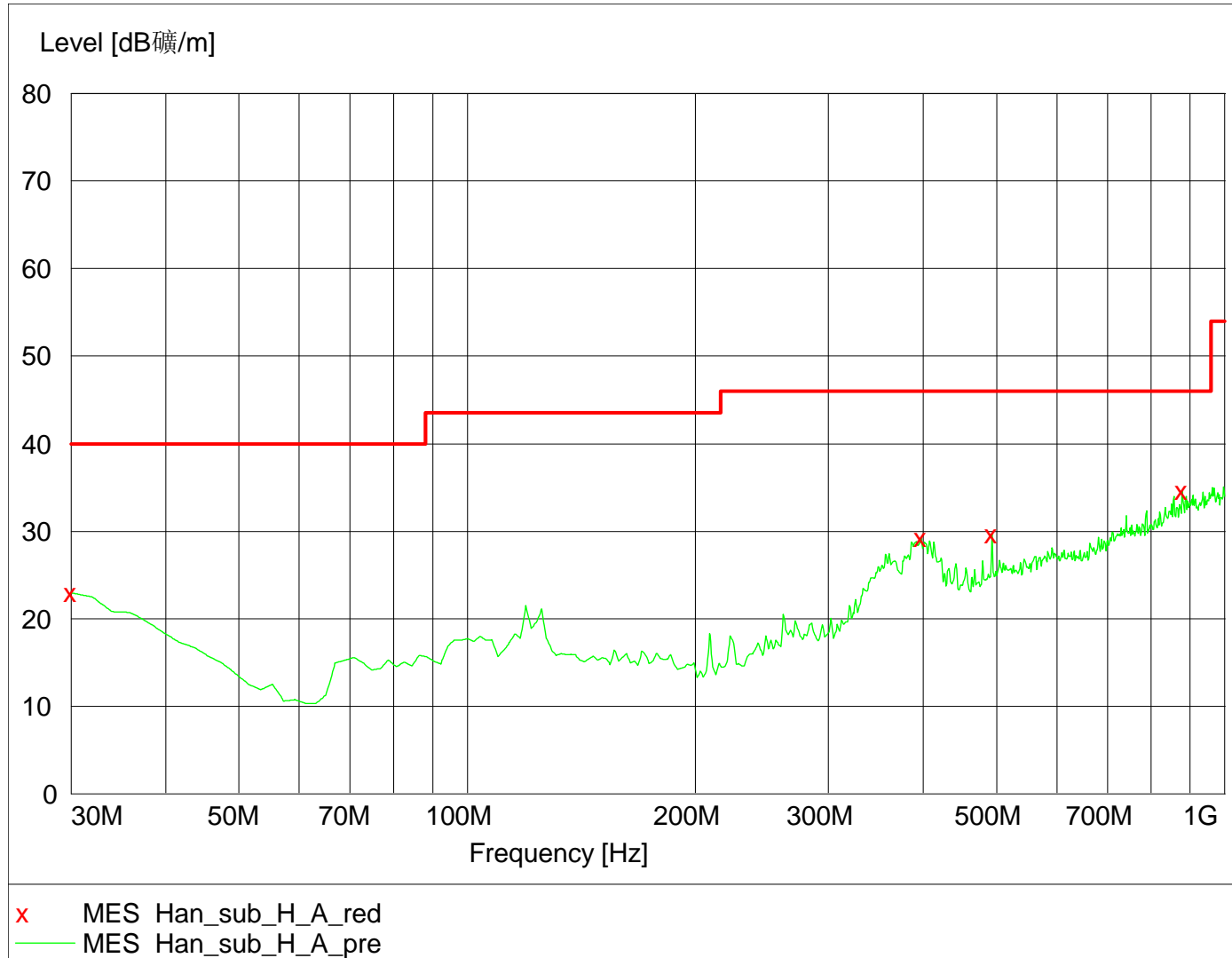


Date: 17.JUN.2009 21:01:33

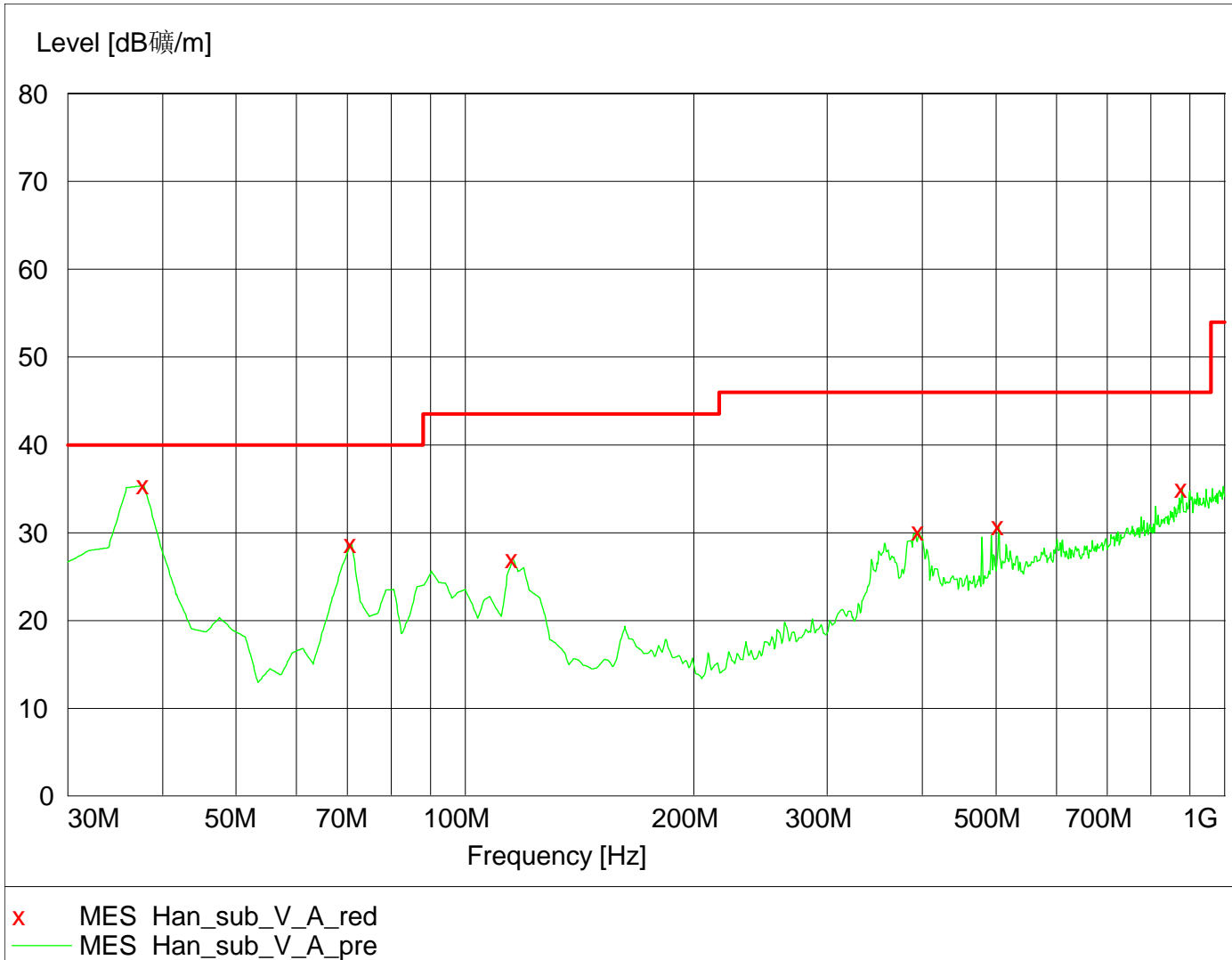
4. Spurious Emission

Antenna 1

Horizontal



Vertical

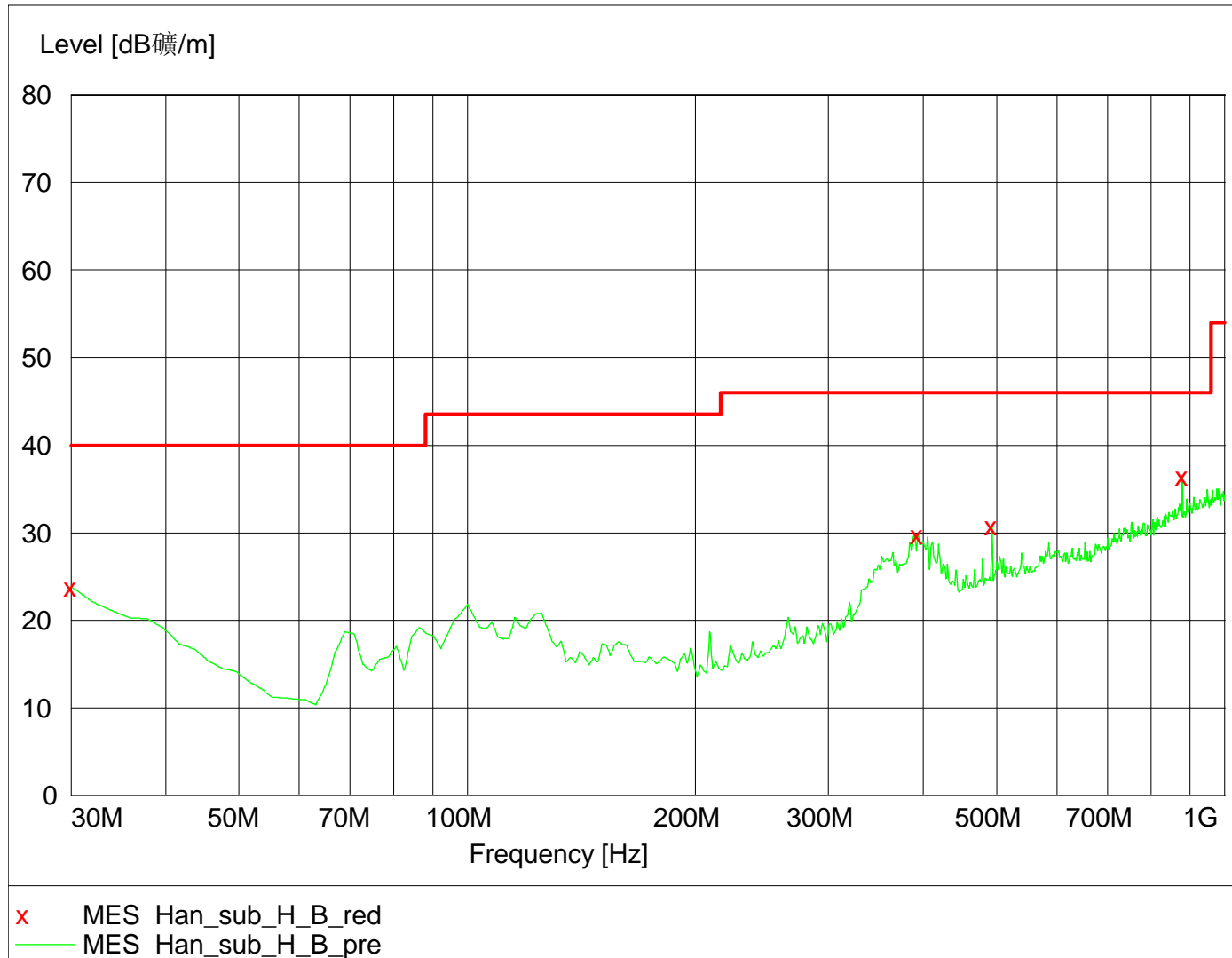




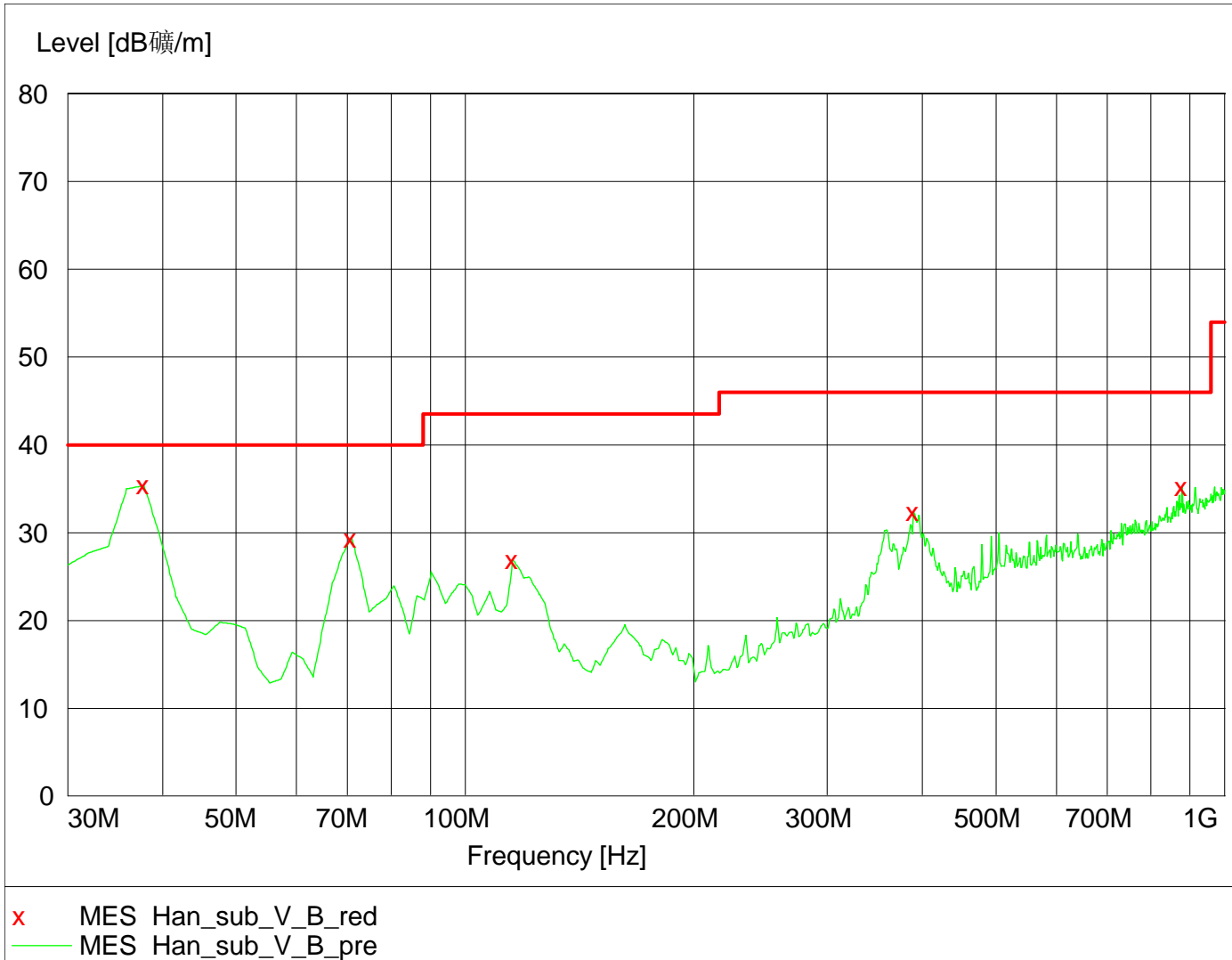
FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Antenna 2

Horizontal



Vertical

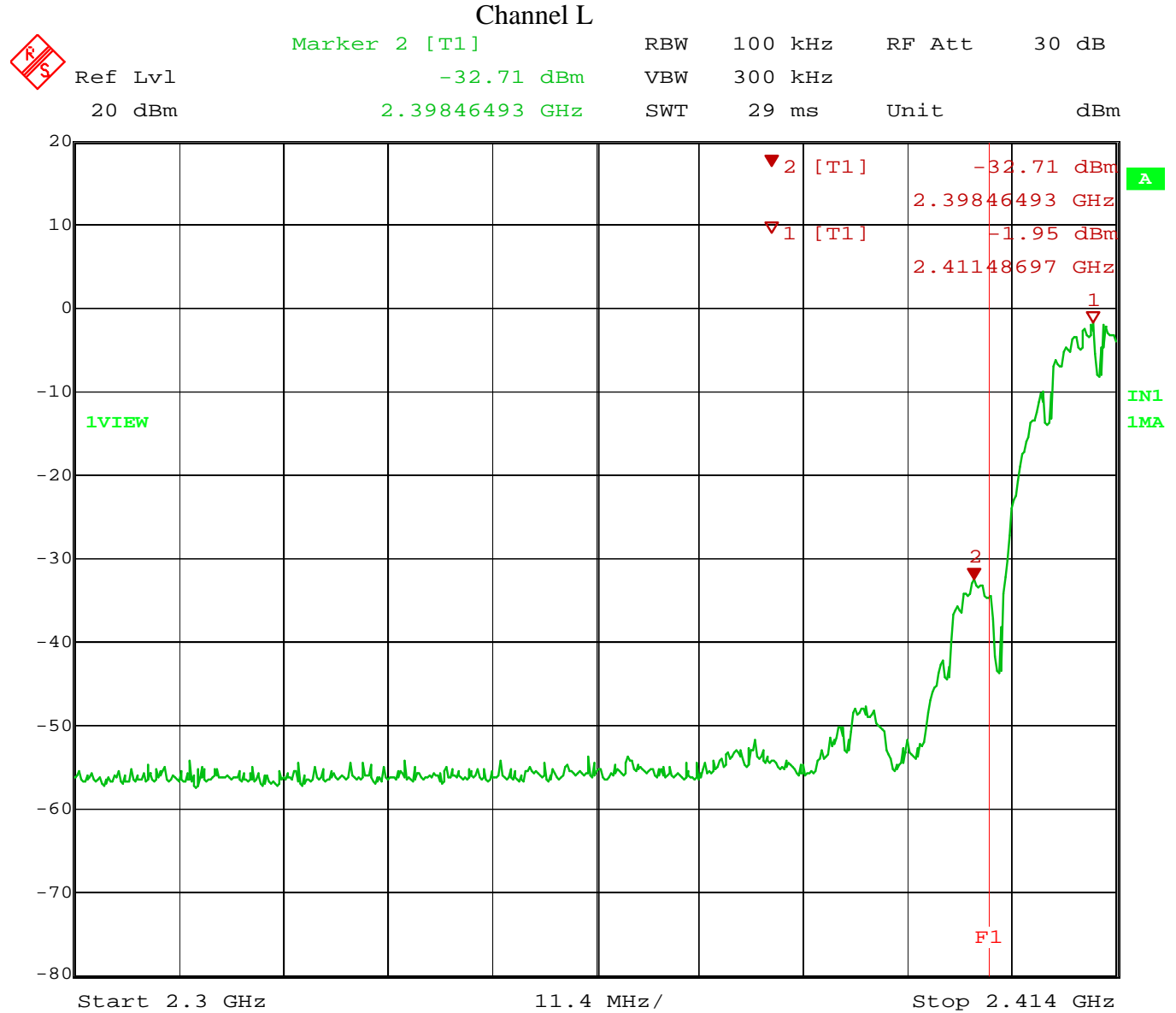




FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

5. Emission outside the frequency band

Antenna 1



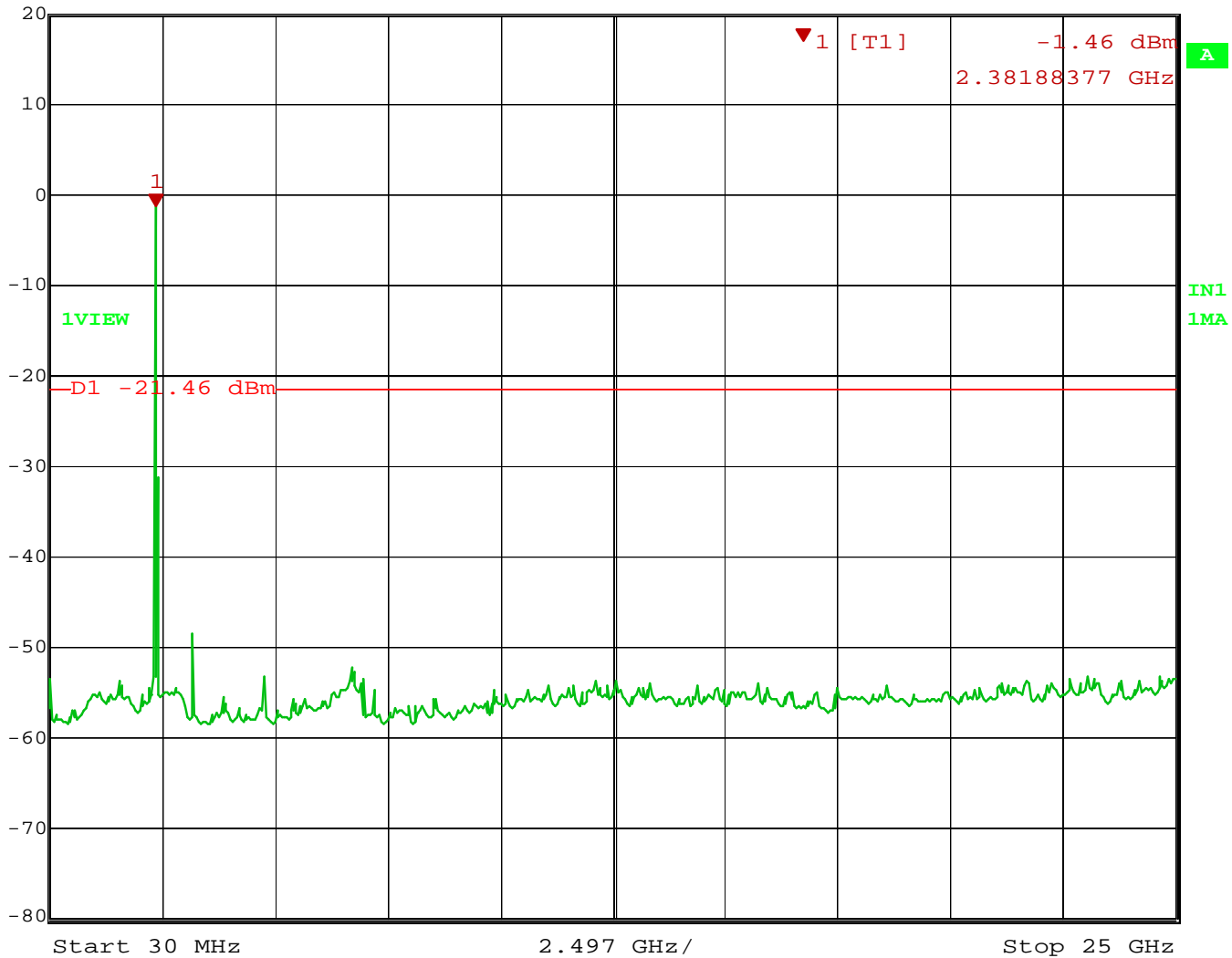
Date: 17.JUN.2009 20:01:26



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003



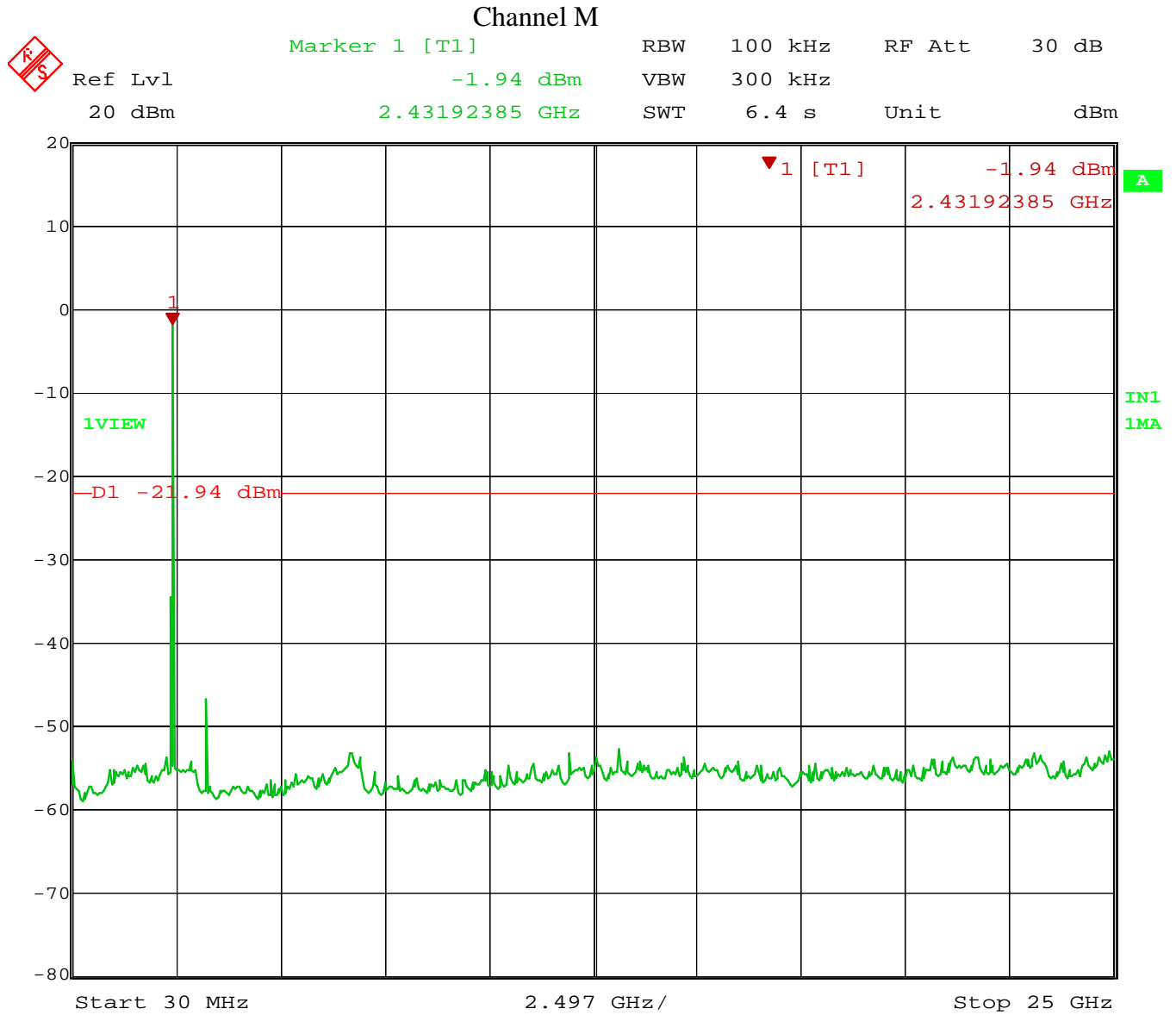
Marker 1 [T1] RBW 100 kHz RF Att 30 dB
Ref Lvl -1.46 dBm VBW 300 kHz
20 dBm 2.38188377 GHz SWT 6.4 s Unit dBm



Date: 17.JUN.2009 20:03:29



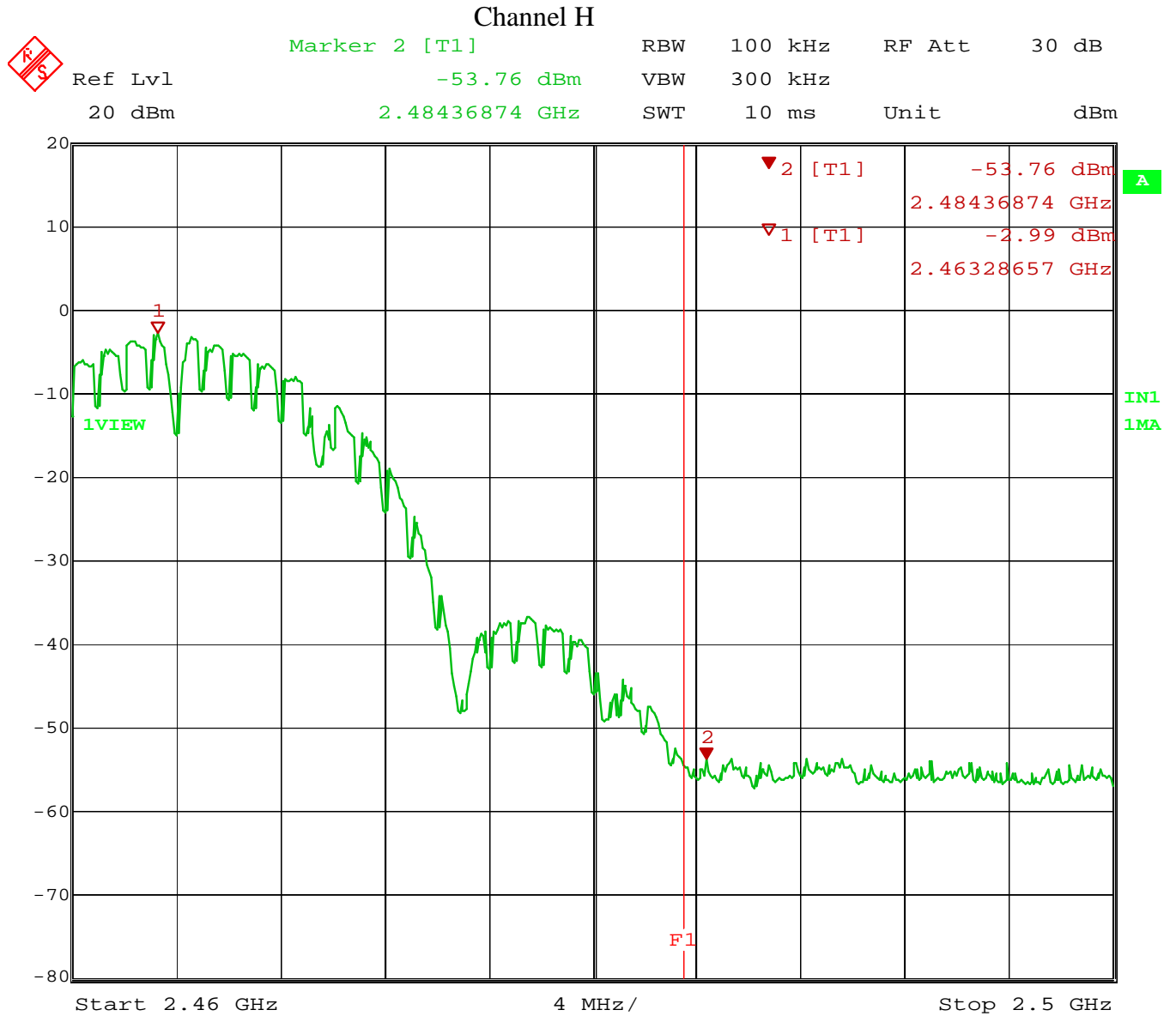
FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003



Date: 17.JUN.2009 20:05:03



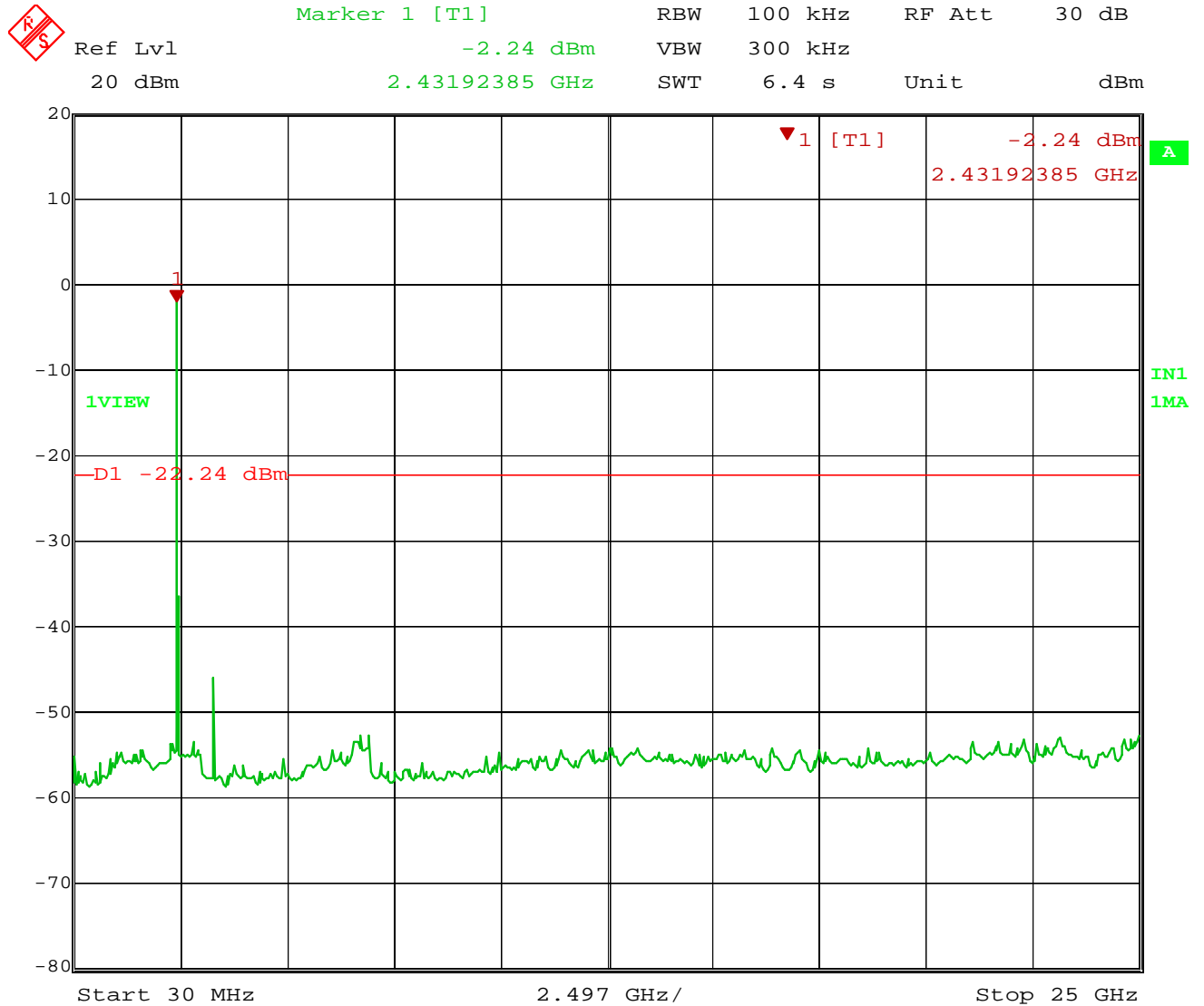
FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003



Date: 17.JUN.2009 20:09:07



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

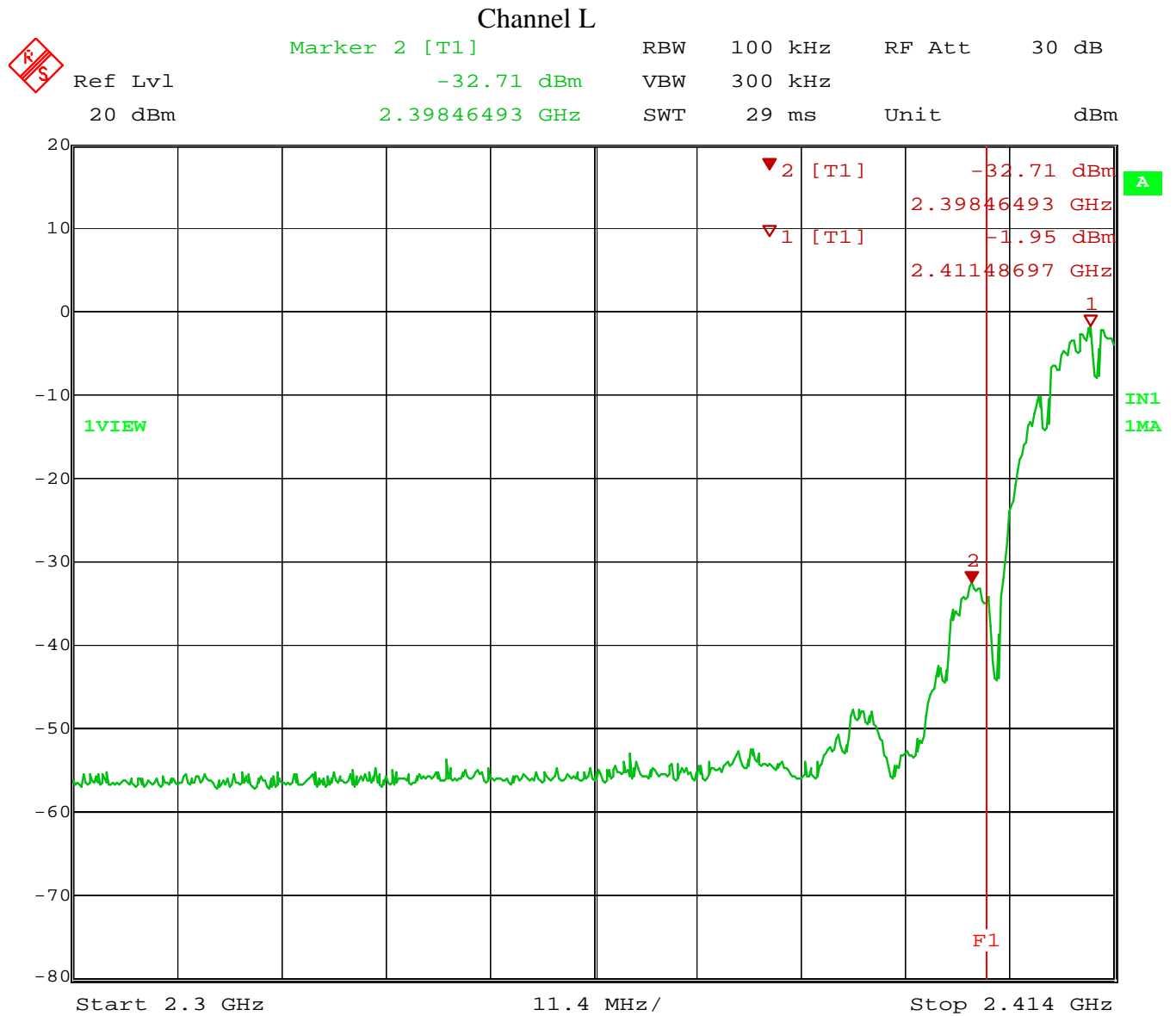


Date: 17.JUN.2009 20:07:56



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Antenna 2



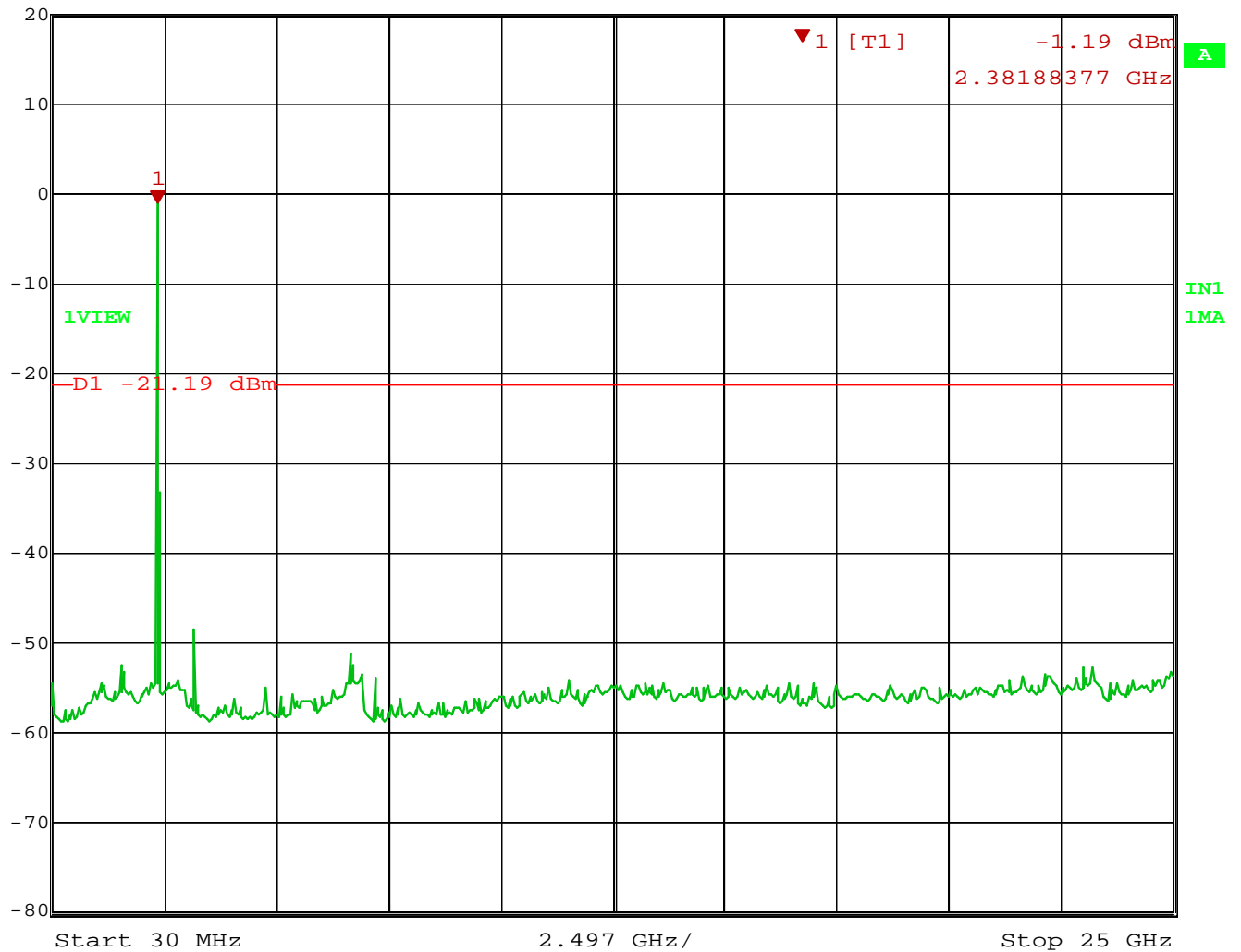
Date: 17.JUN.2009 20:39:28



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003



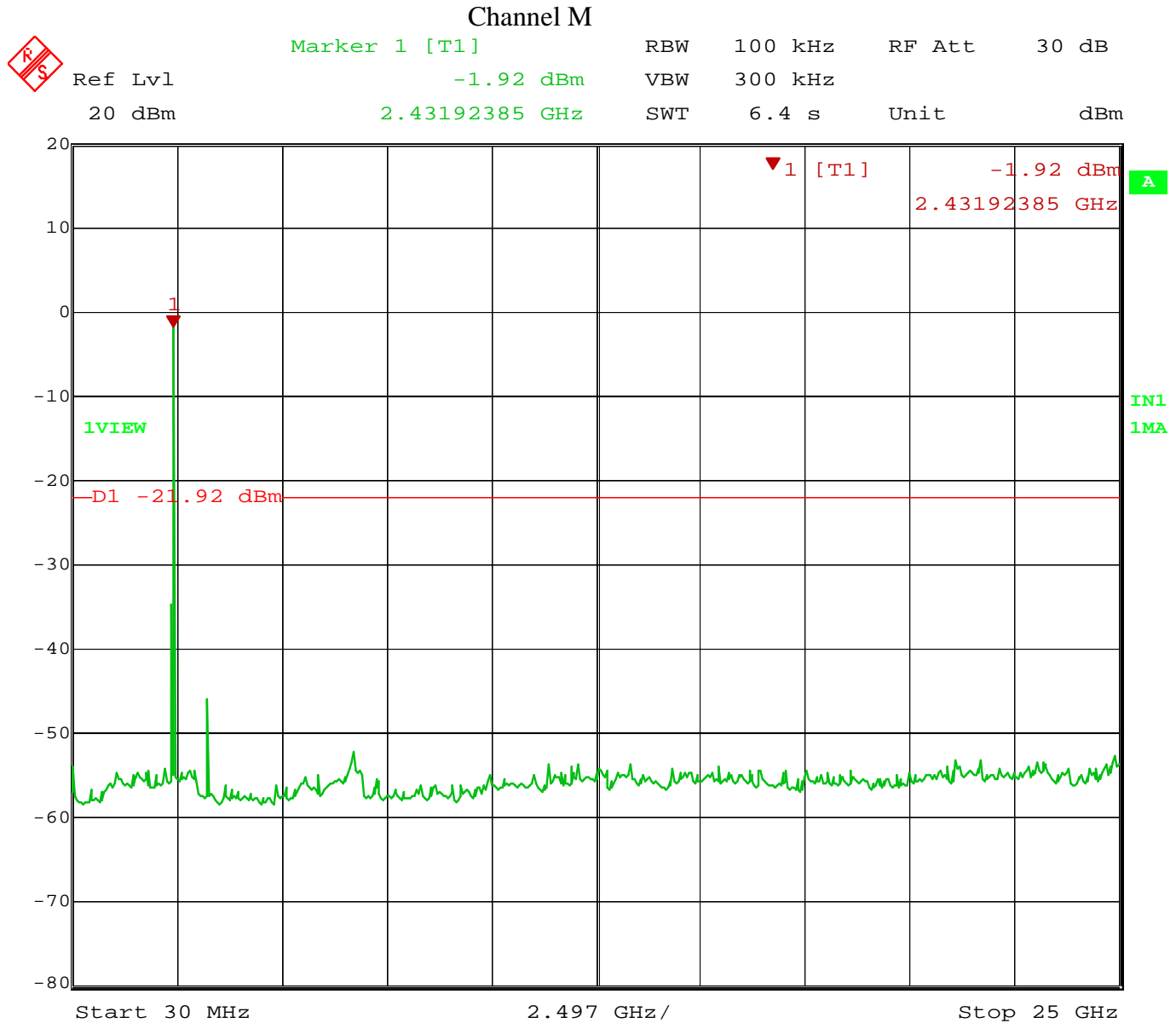
Marker 1 [T1] RBW 100 kHz RF Att 30 dB
Ref Lvl -1.19 dBm VBW 300 kHz
20 dBm 2.38188377 GHz SWT 6.4 s Unit dBm



Date: 17.JUN.2009 20:40:47



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003



Date: 17.JUN.2009 20:44:24

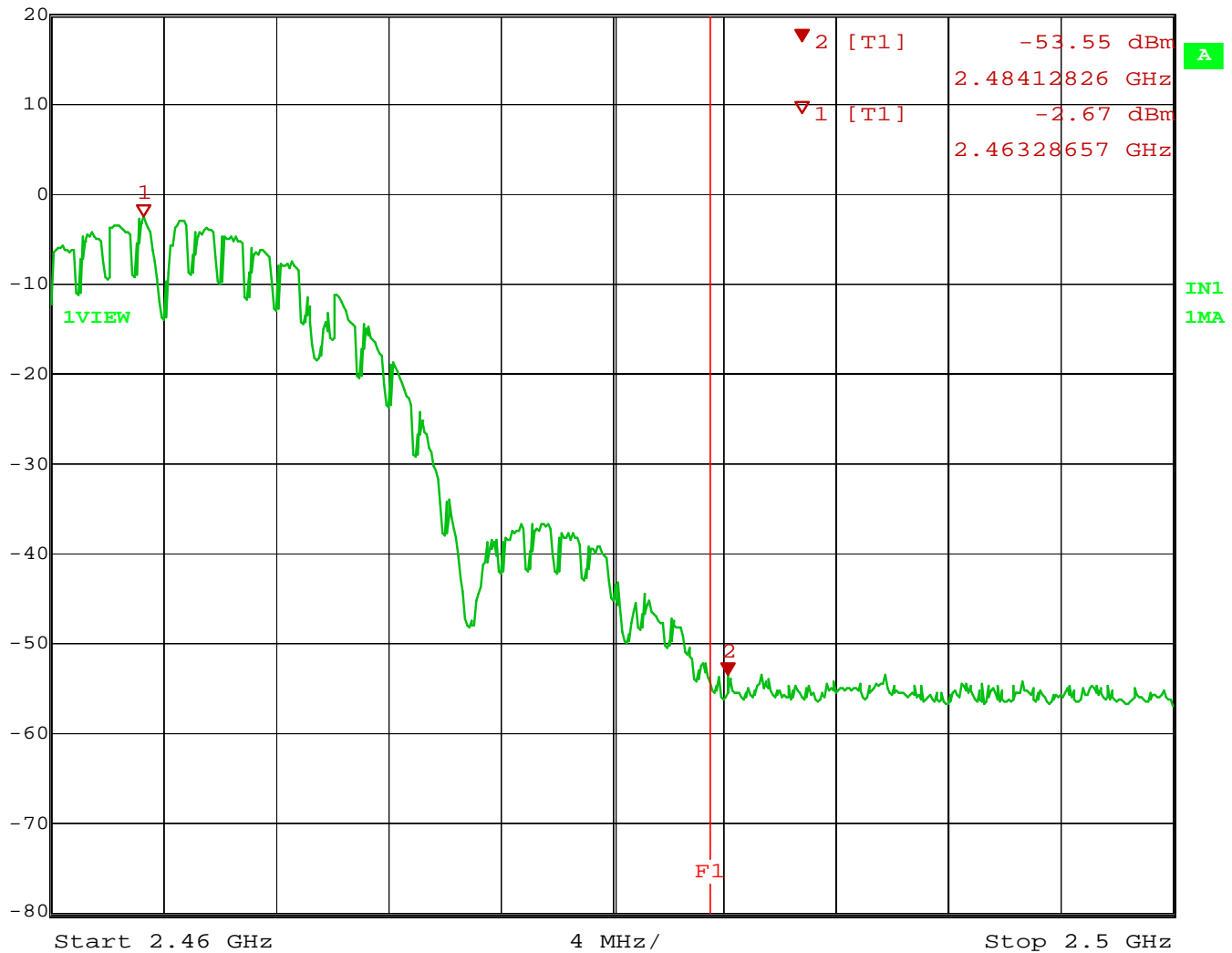


FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Channel H



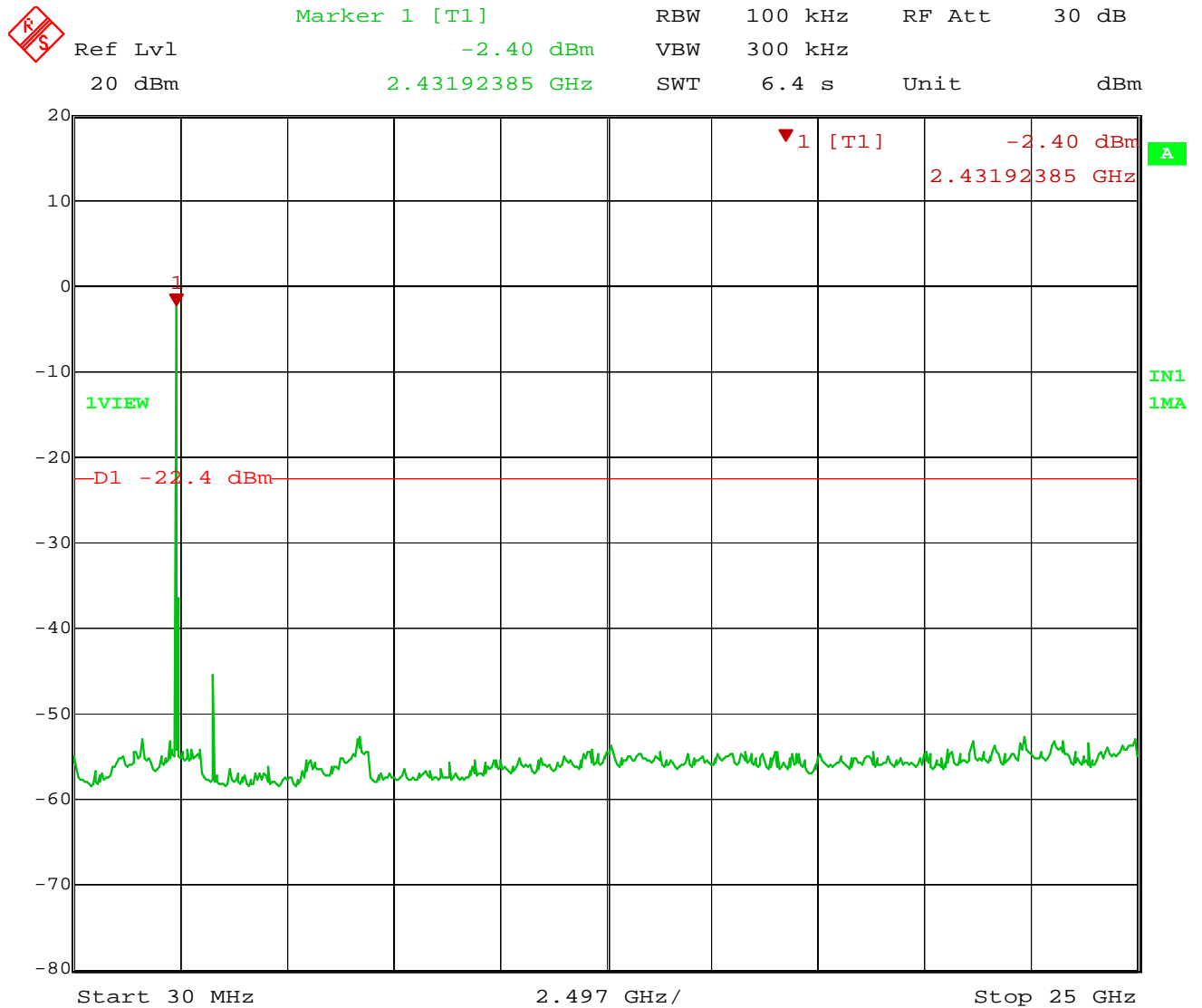
Ref Lvl	Marker 2 [T1]	RBW	100 kHz	RF Att	30 dB
20 dBm	-53.55 dBm	VBW	300 kHz		
	2.48412826 GHz	SWT	10 ms	Unit	dBm



Date: 17.JUN.2009 20:45:44



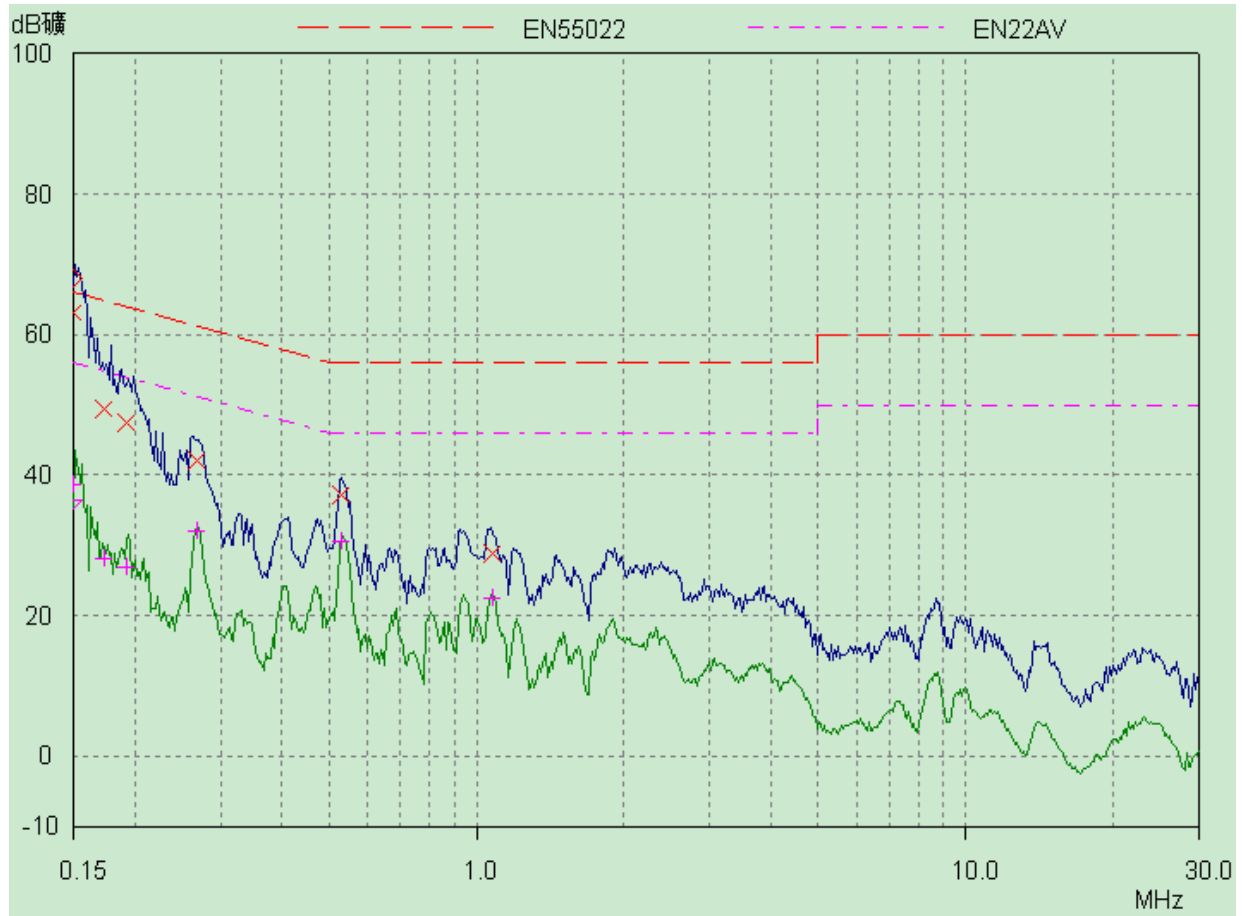
FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003



Date: 17.JUN.2009 20:42:58

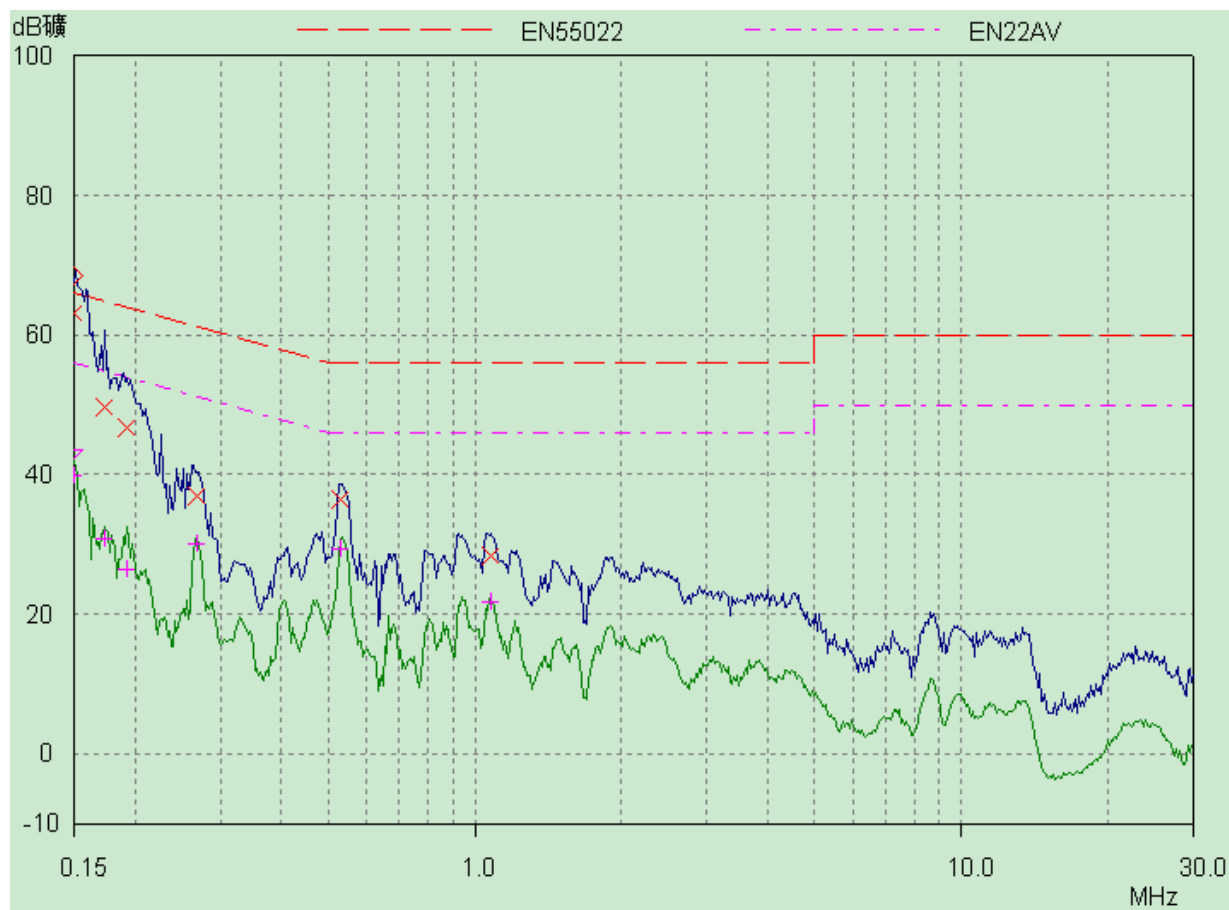
6. Conducted Emission

Power line: L



Frequency MHz	Quasi Pk dBμ	Limit dBμ	Delta dB	Phase /PE	Average dBμ	Limit dBμ	Delta dB
0.15	63.15	66.00	2.85	N /gnd	38.62	56.00	17.38
0.17249	49.31	64.84	15.53	N /gnd	28.16	54.84	26.68
0.19135	47.52	63.98	16.46	N /gnd	26.98	53.98	27.00
0.26759	42.00	61.19	19.19	N /gnd	31.94	51.19	19.25
0.52748	37.14	56.00	18.86	N /gnd	30.62	46.00	15.38
1.07781	28.95	56.00	27.05	N /gnd	22.46	46.00	23.54

Power line: N



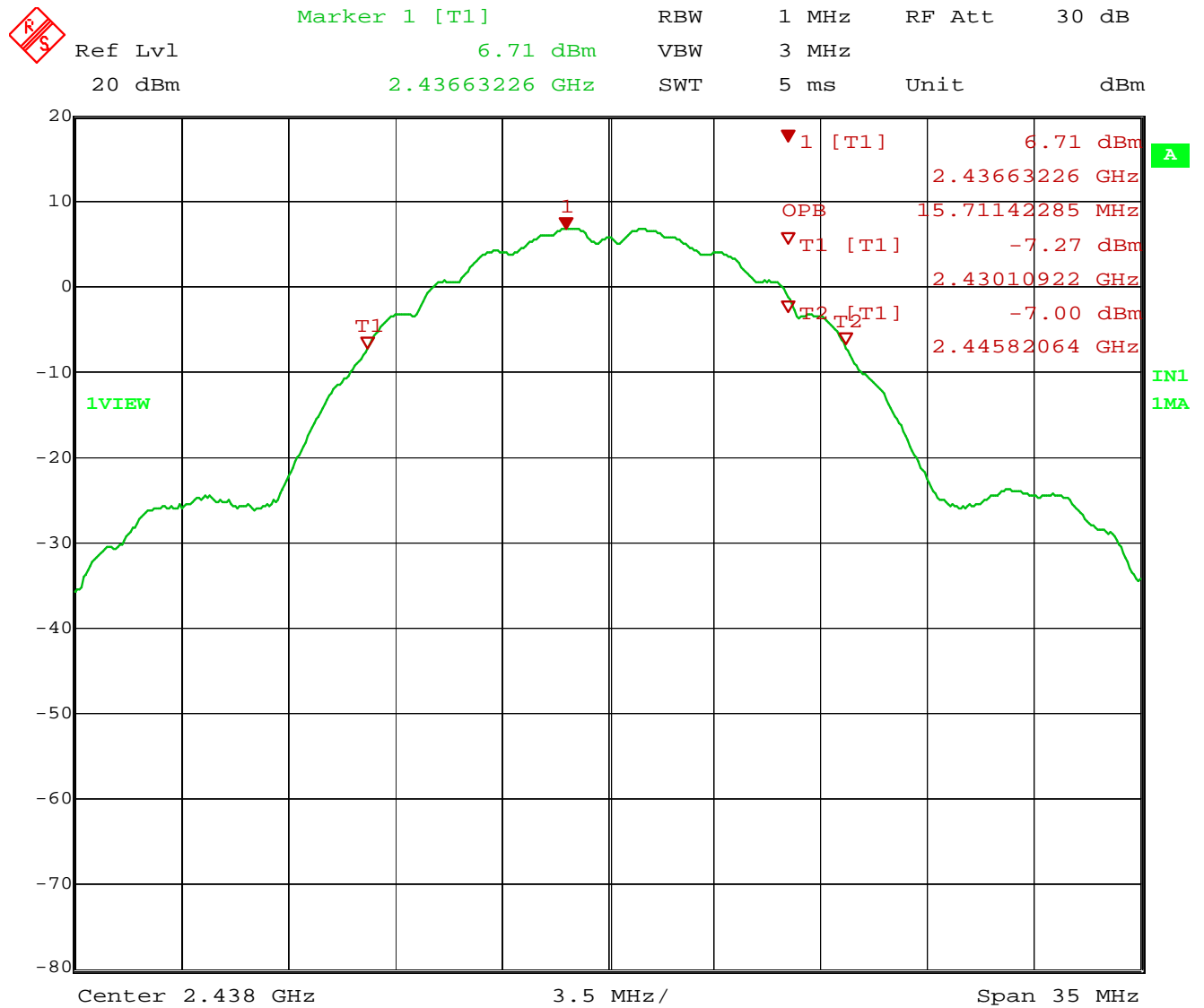
Frequency MHz	Quasi Pk dBμV	Limit dBμV	Delta dB	Phase /PE	Average dBμV	Limit dBμV	Delta dB
0.15	63.11	66.00	2.89	N /gnd	39.88	56.00	16.12
0.17249	49.55	64.84	15.29	N /gnd	30.74	54.84	24.10
0.19135	46.62	63.98	17.36	N /gnd	26.41	53.98	27.57
0.26759	36.88	61.19	24.31	N /gnd	29.99	51.19	21.20
0.52748	36.34	56.00	19.66	N /gnd	29.45	46.00	16.55
1.07781	28.38	56.00	27.62	N /gnd	21.85	46.00	24.15



FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

7. Occupied bandwidth

Antenna 1



Date: 17.JUN.2009 19:38:32

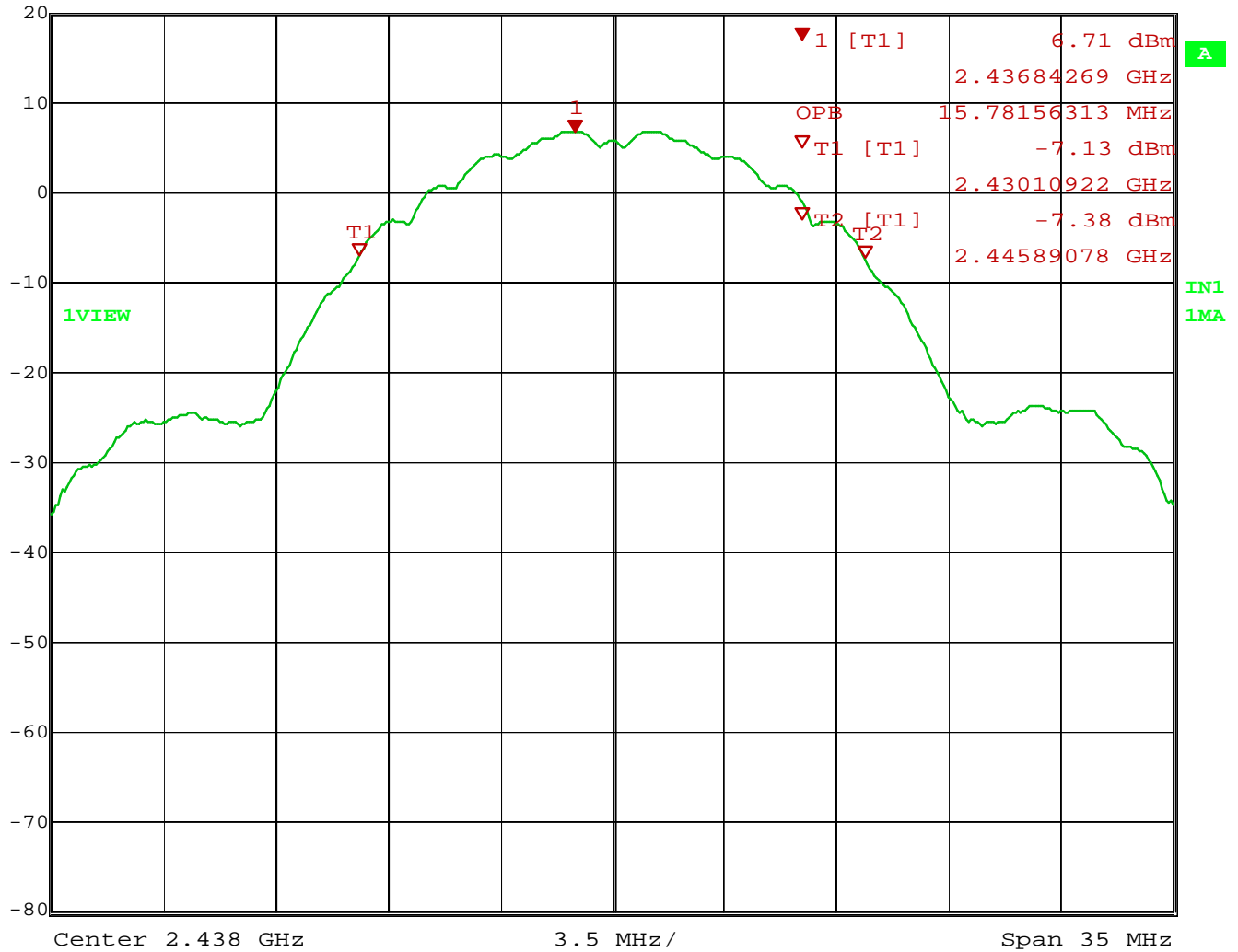


FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Antenna 2



Ref Lvl 20 dBm
Marker 1 [T1] 6.71 dBm
2.43684269 GHz
RBW 1 MHz
RF Att 30 dB
VBW 3 MHz
SWT 5 ms
Unit dBm

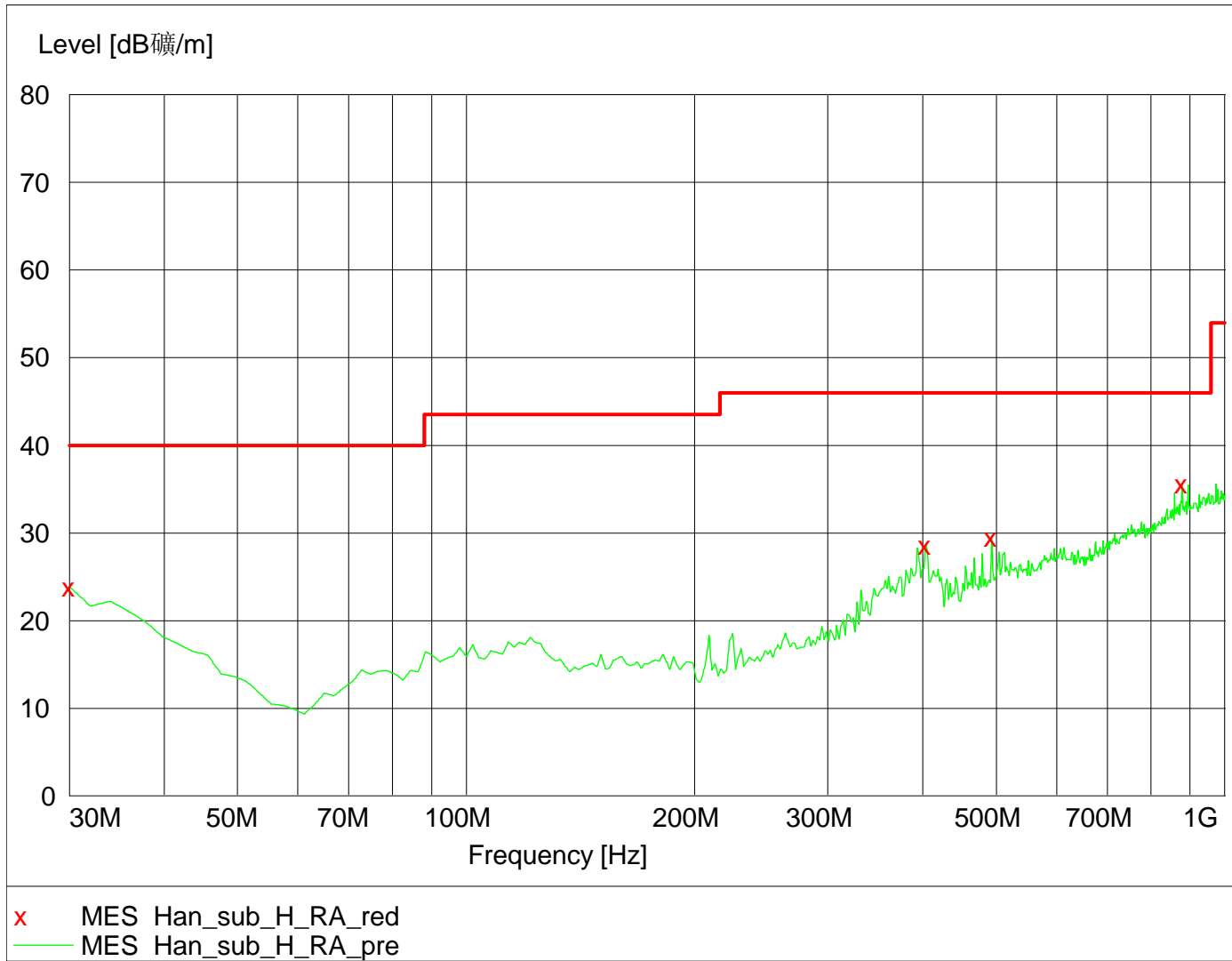


Date: 17.JUN.2009 20:27:53

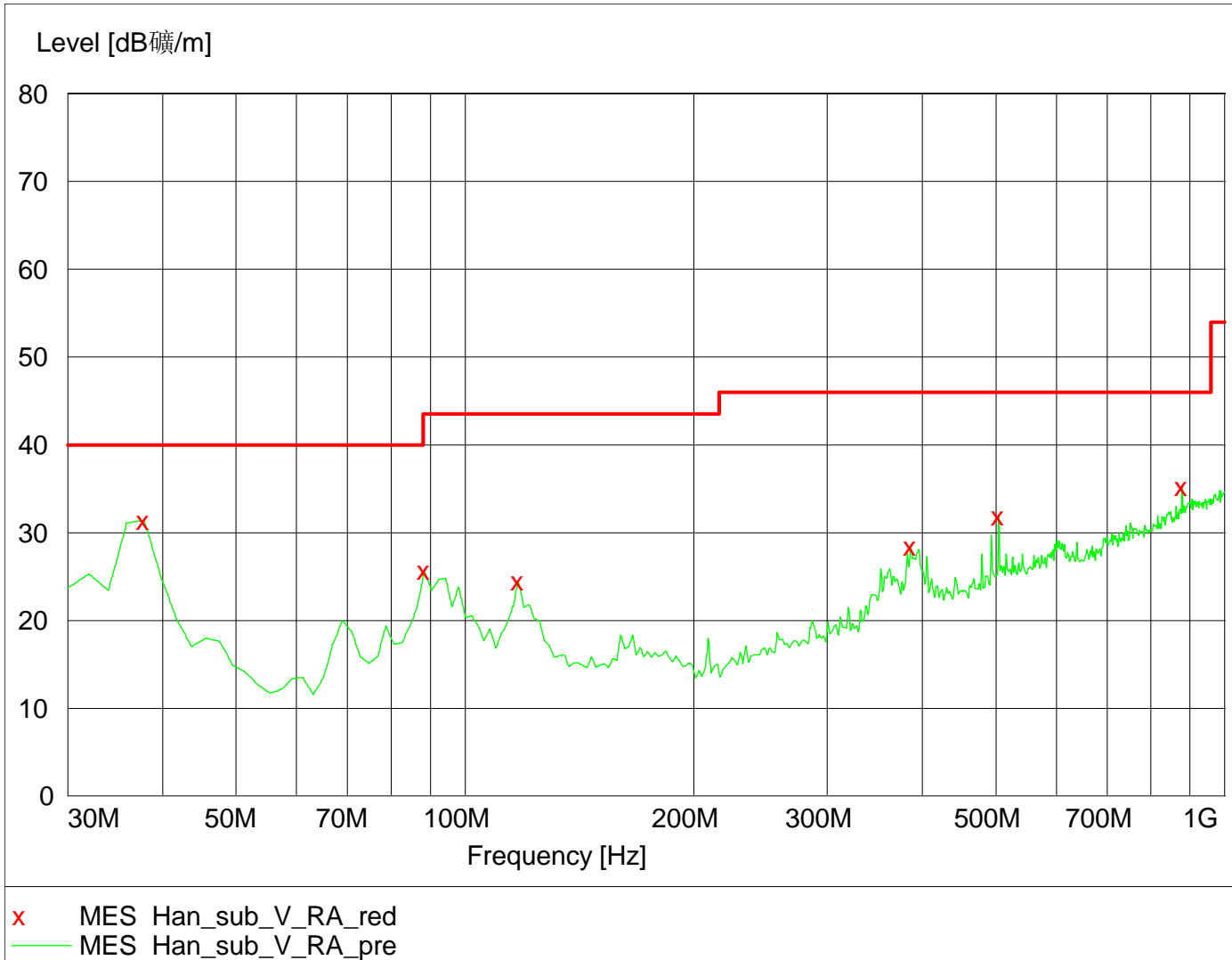
8. Spurious emission for receiver

Antenna 1

Horizontal



Vertical

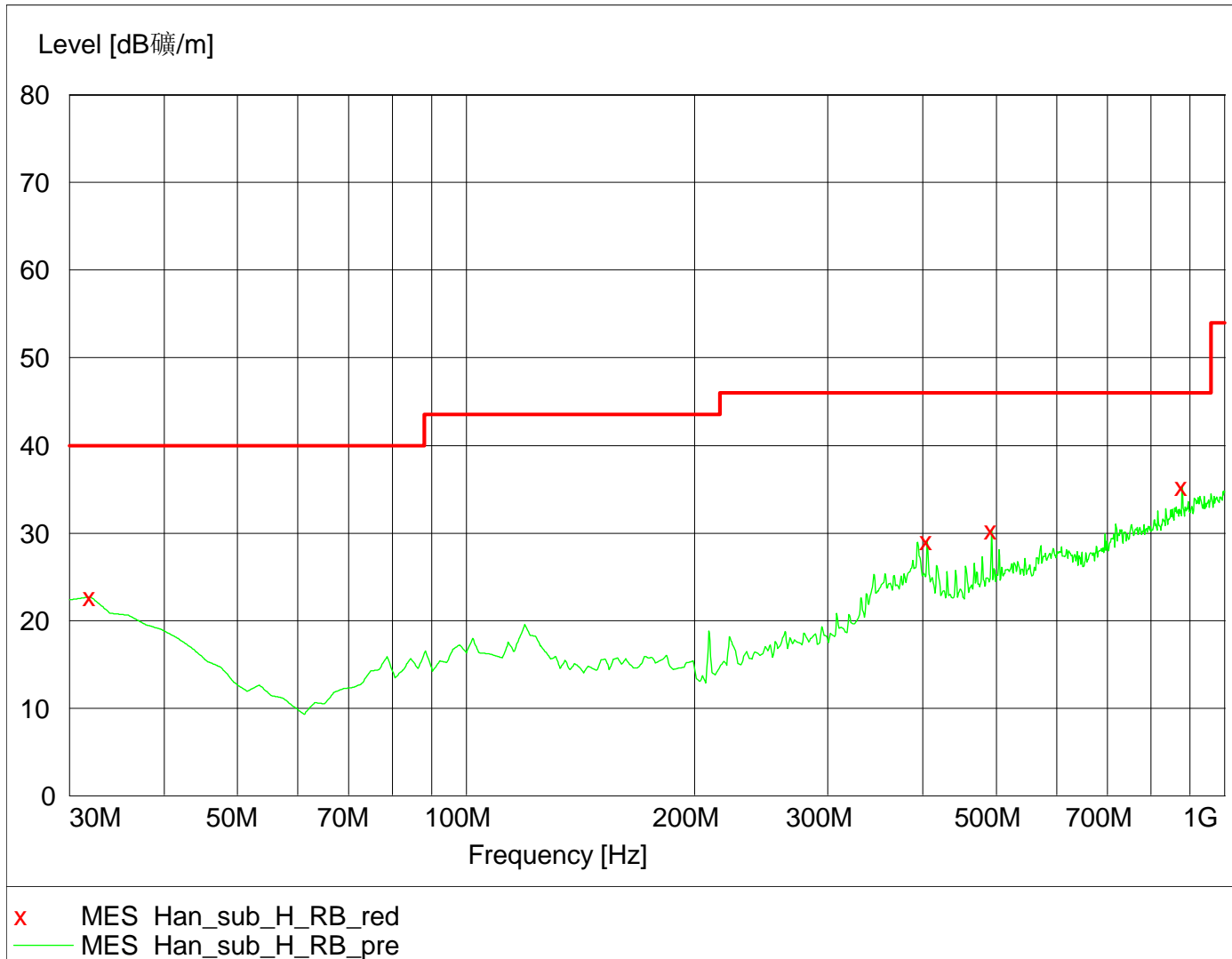




FCC ID: XCO-HIQ8003
IC: 7756A-HIQ8003

Antenna 2

Horizontal



Vertical

