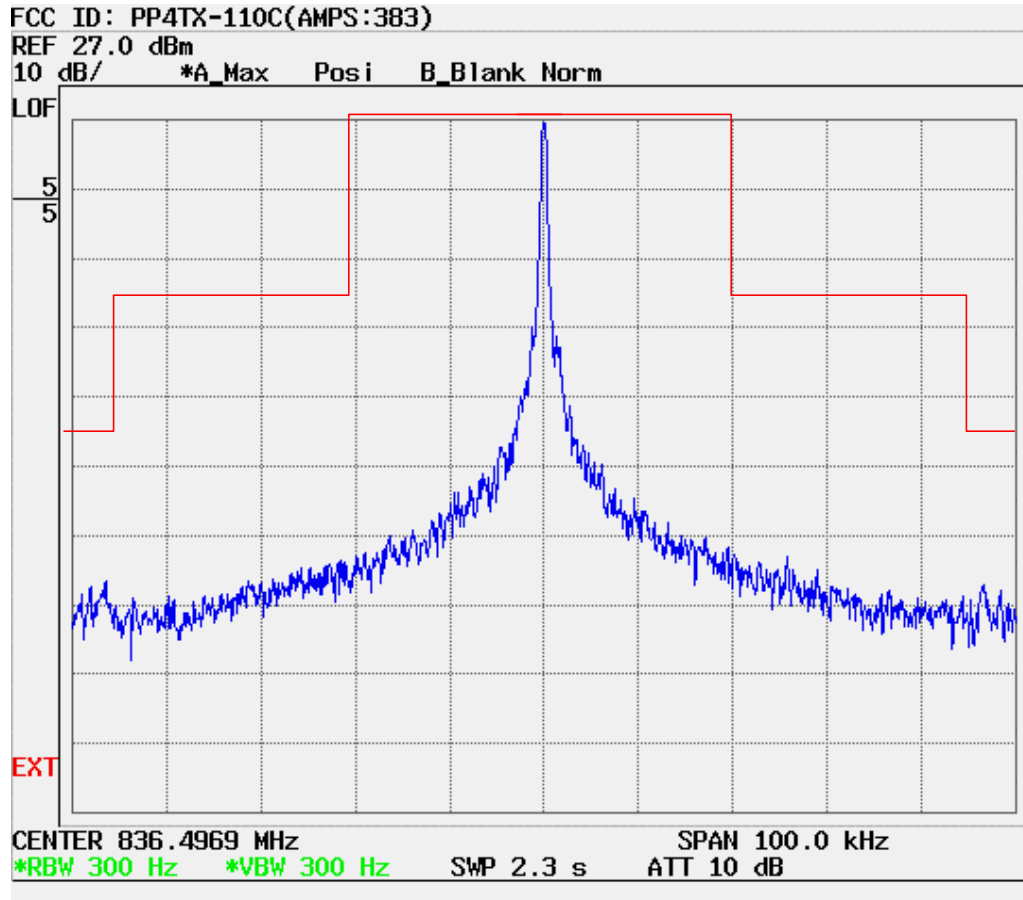


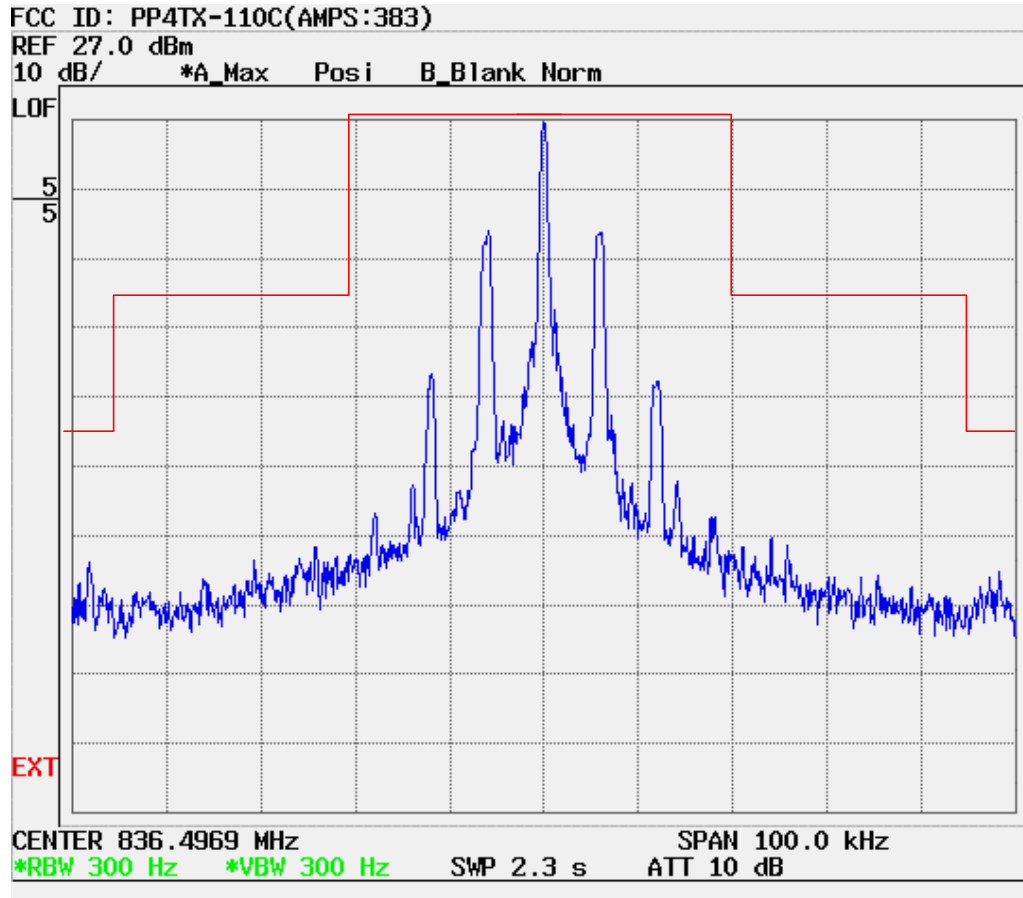
## **ATTACHMENT D – TEST PLOTS**

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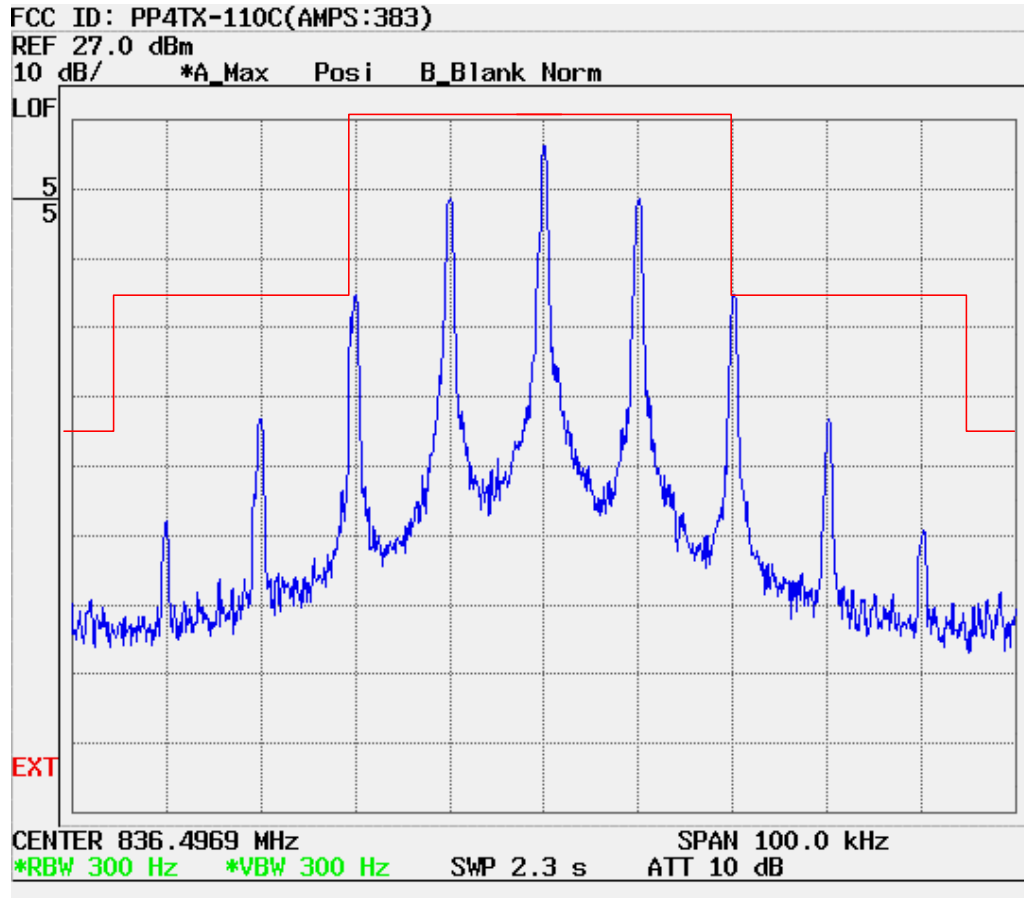
AMPS MODE (0383 CH.) Test Mode: Unmodulated Signal



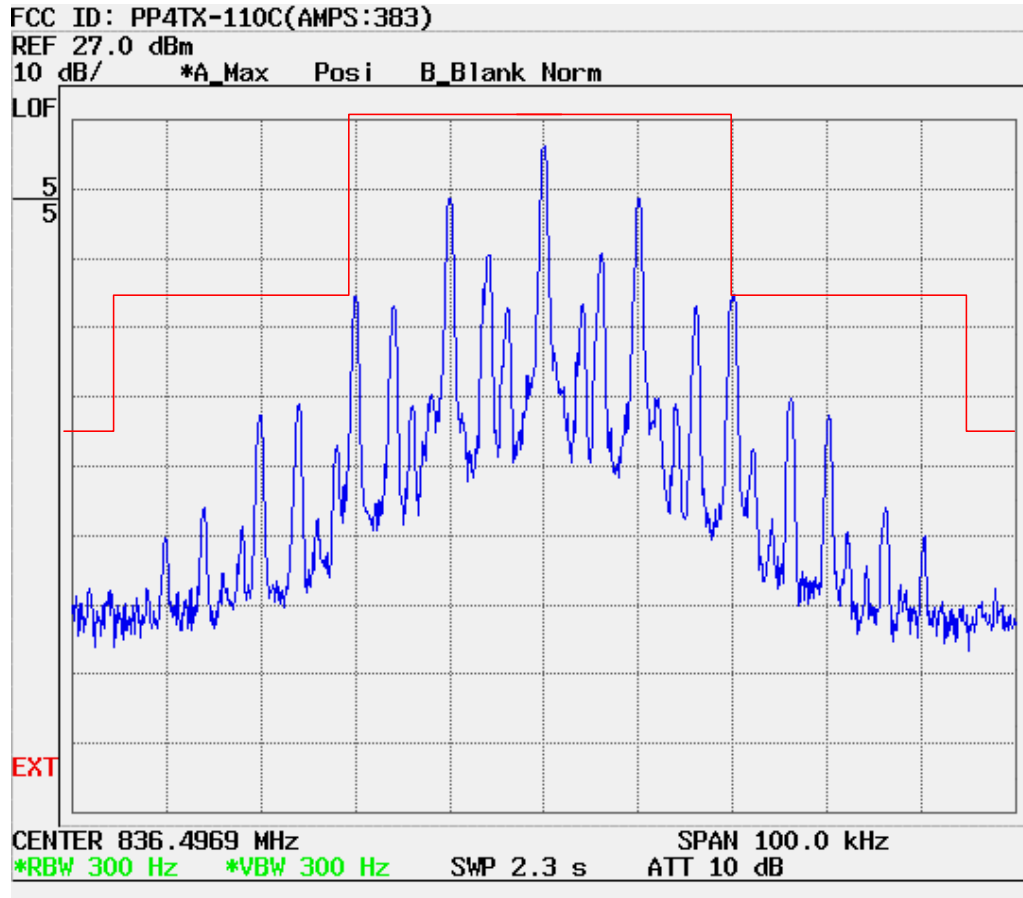
AMPS MODE (0383 CH.) Test Mode: SAT



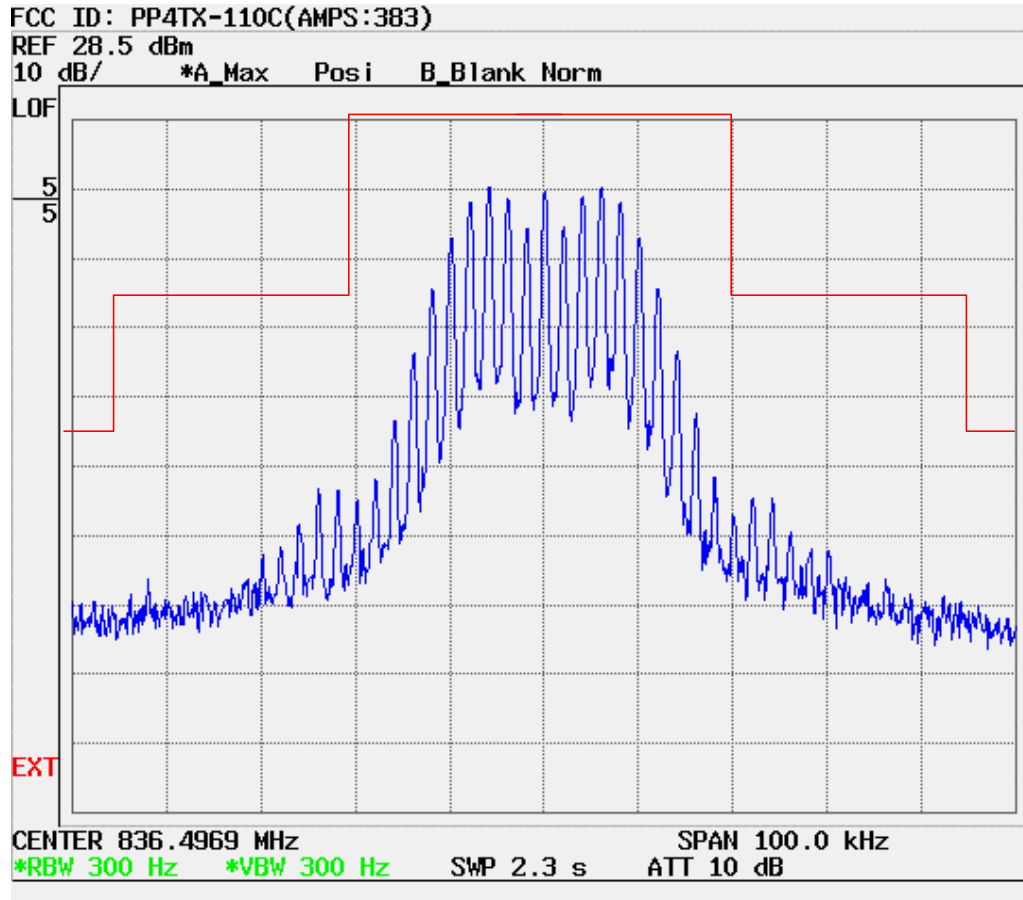
AMPS MODE (0383 CH.) Test Mode: ST



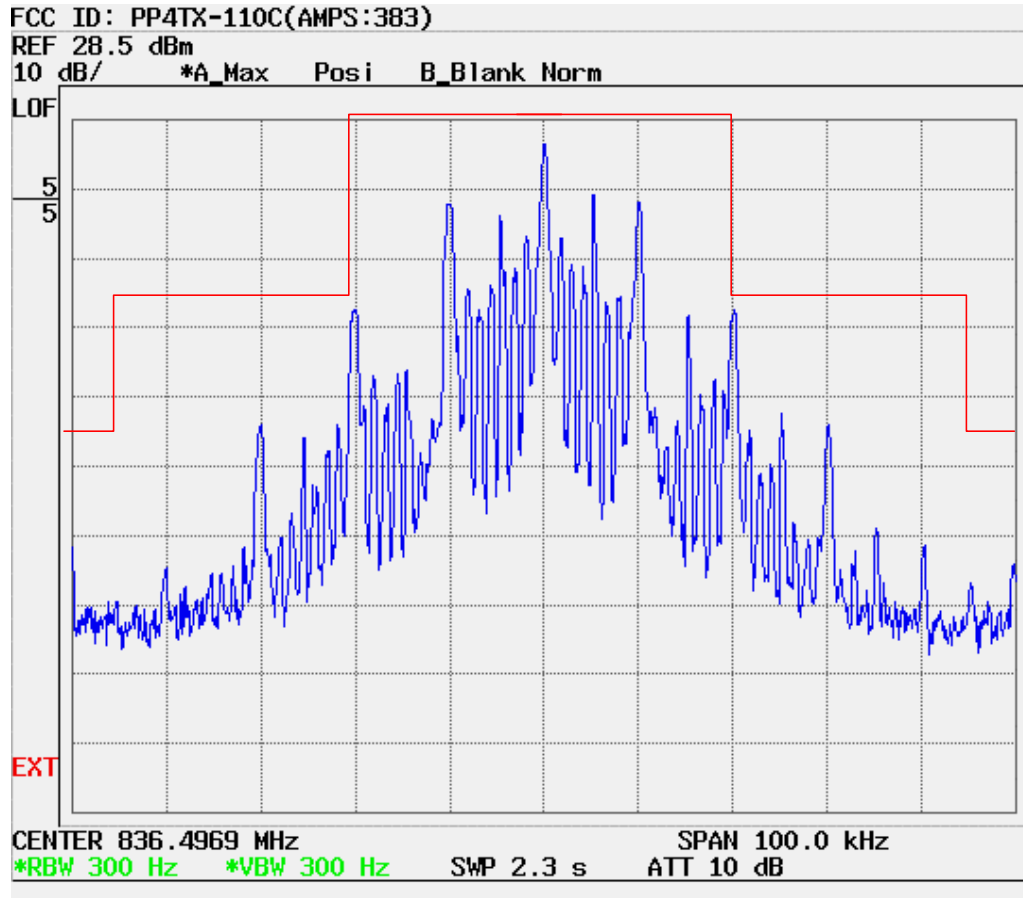
AMPS MODE (0383 CH.) Test Mode: SAT+ST



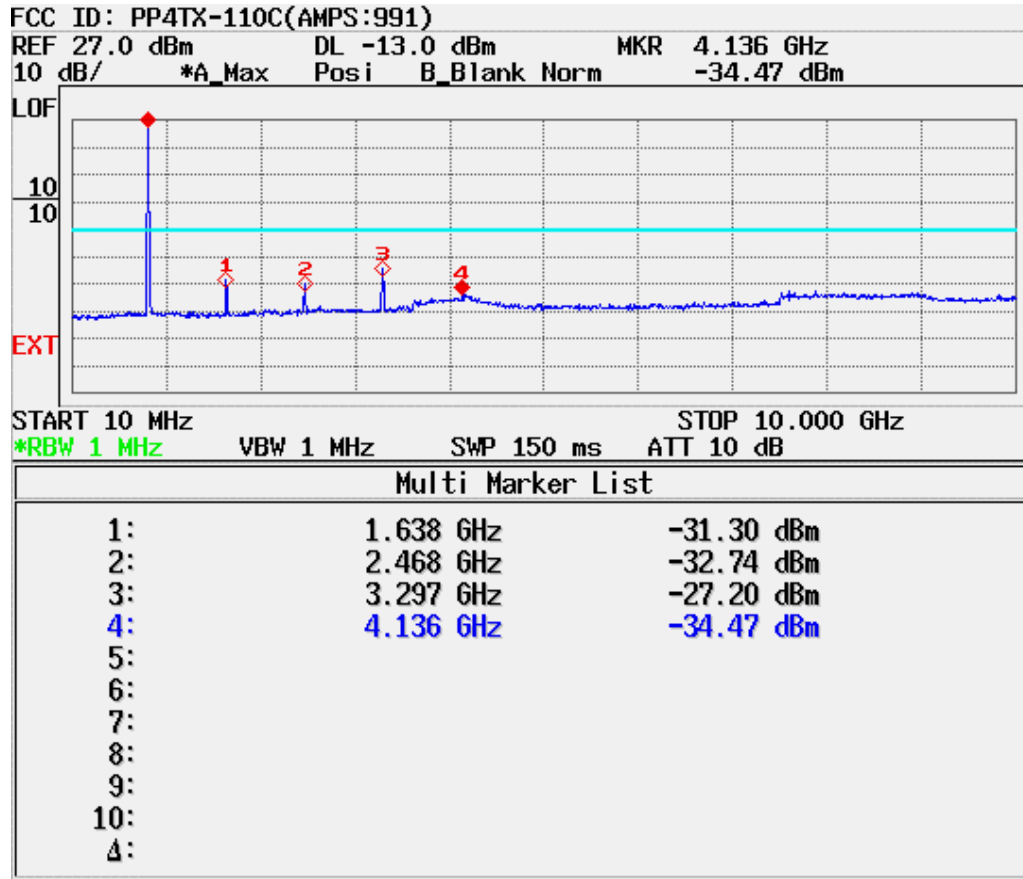
AMPS MODE (0383 CH.) Test Mode: Voice



AMPS MODE (0383 CH.) Test Mode: Wide Band Data

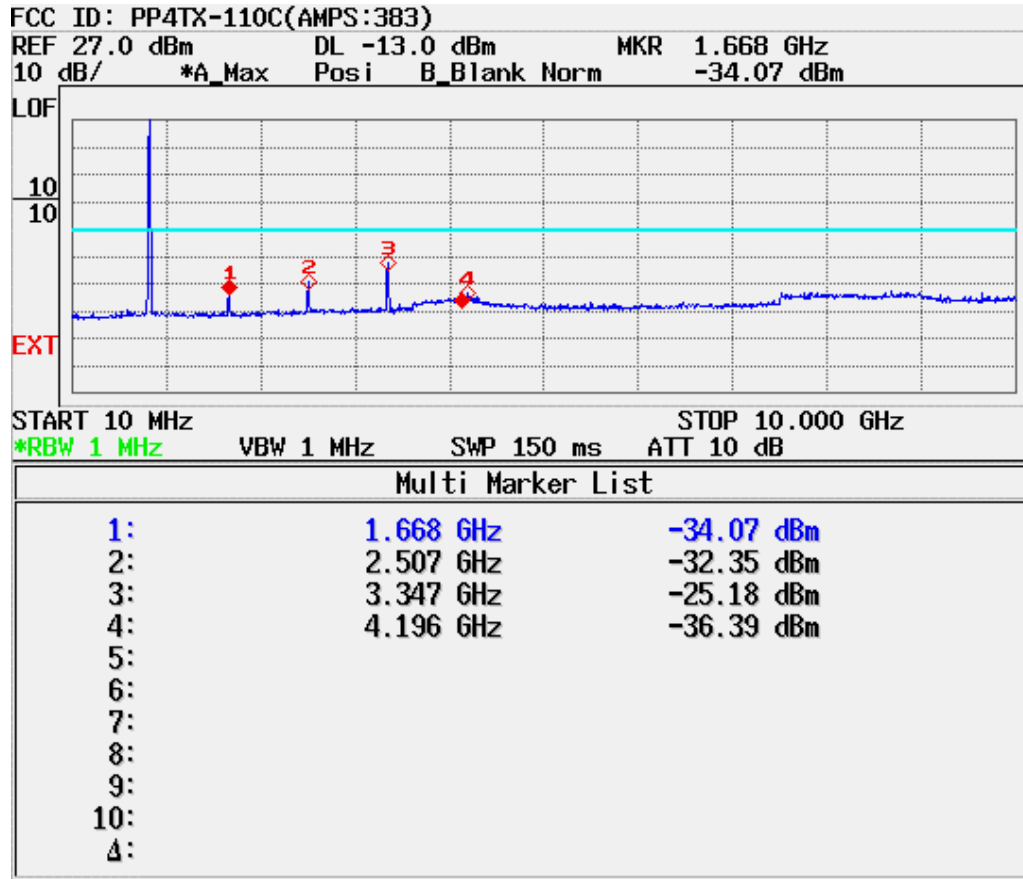


AMPS MODE (0991 CH.) Conducted Spurious

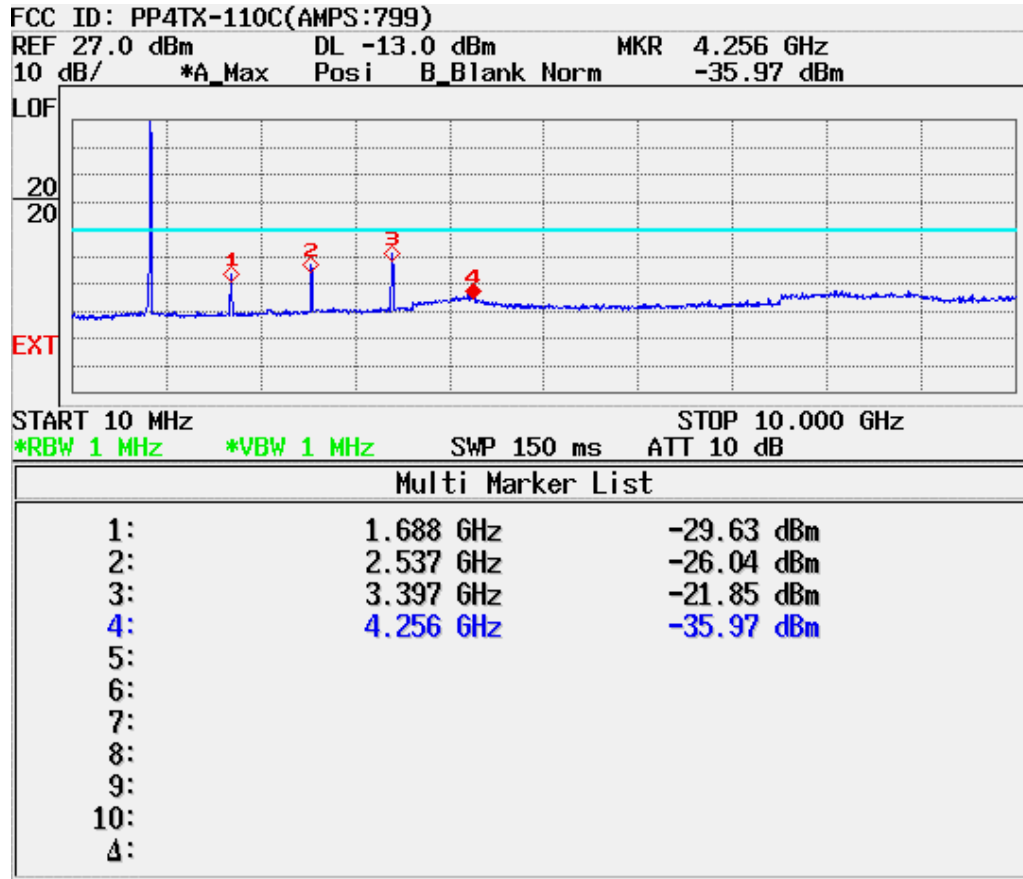




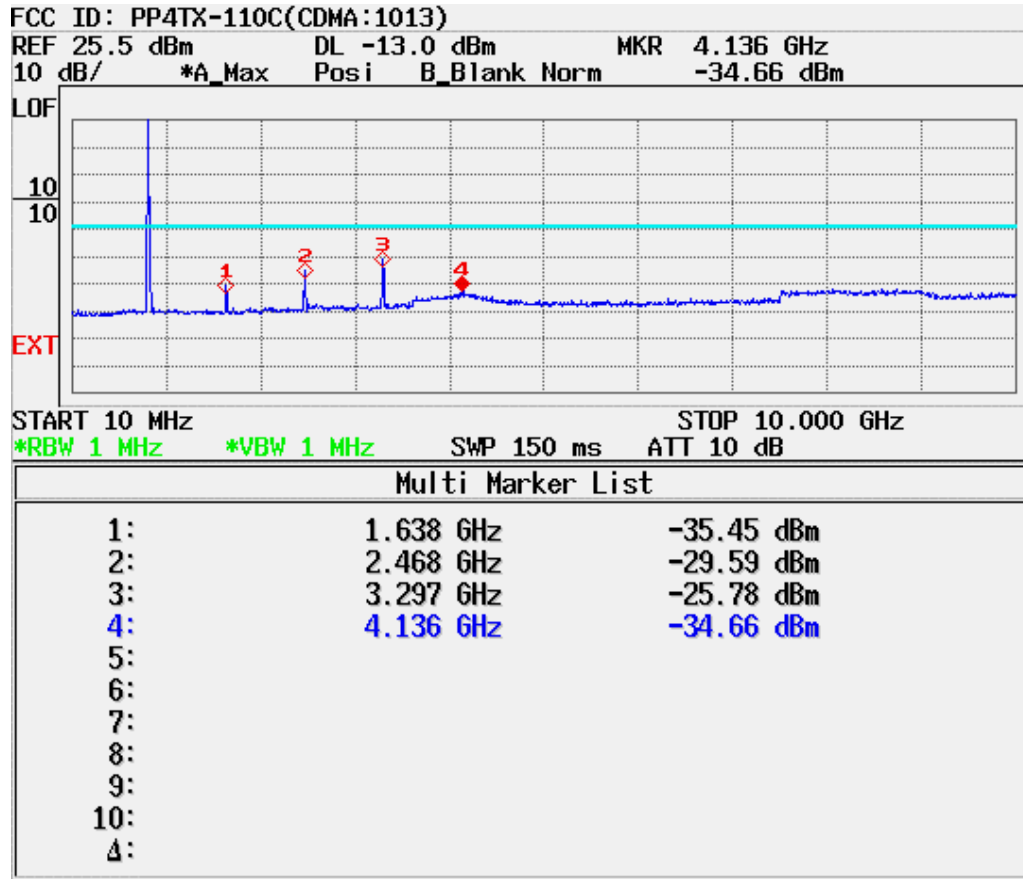
AMPS MODE (0383 CH.) Conducted Spurious



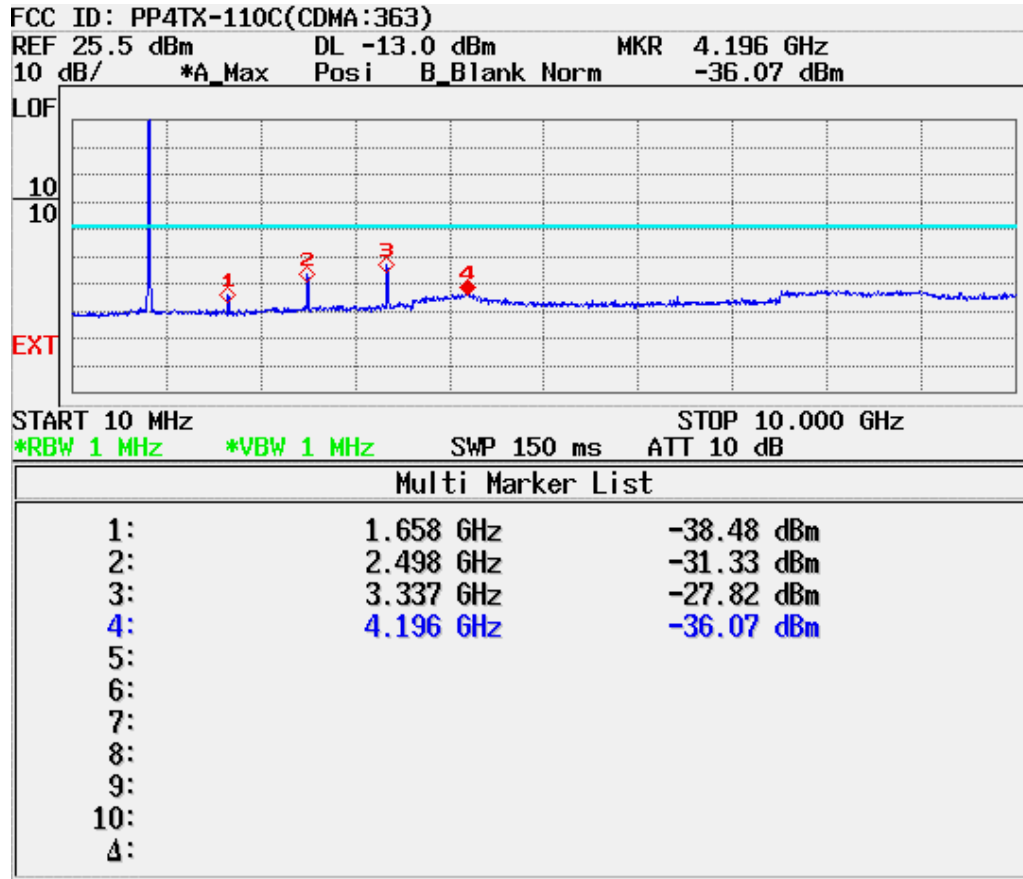
AMPS MODE (0799 CH.) Conducted Spurious



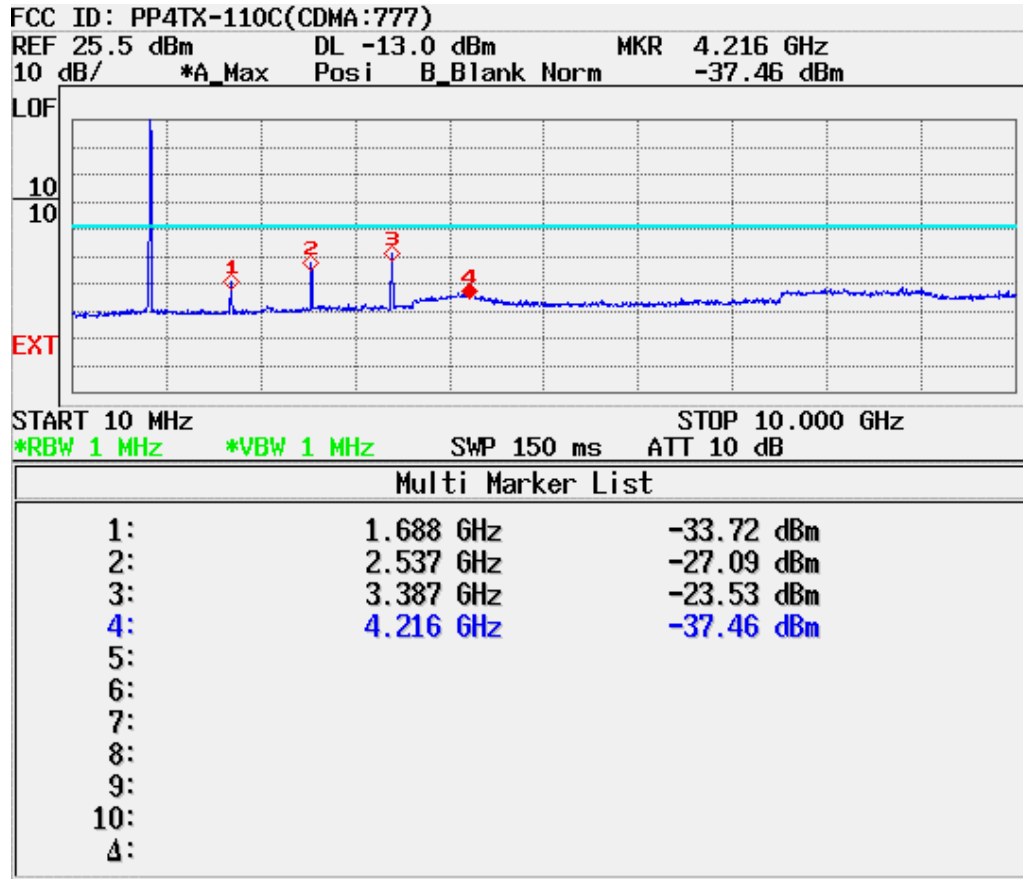
CDMA MODE (1013 CH.) Conducted Spurious



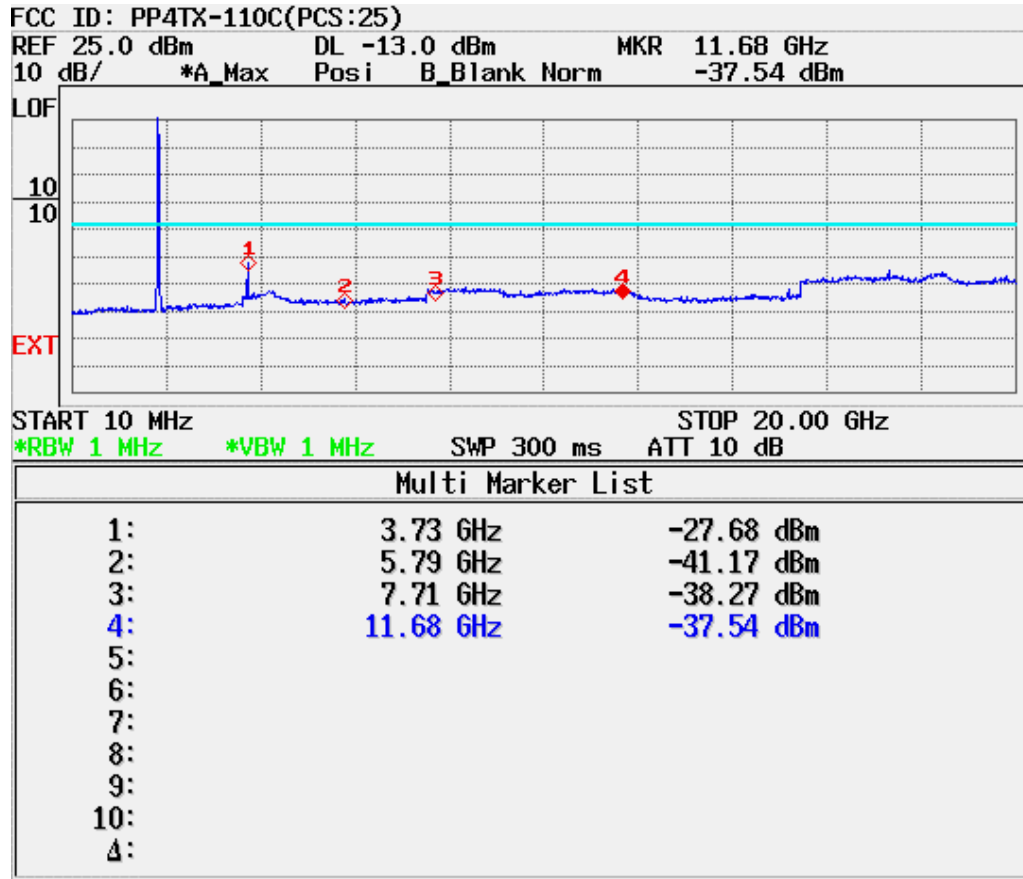
CDMA MODE (0363 CH.) Conducted Spurious



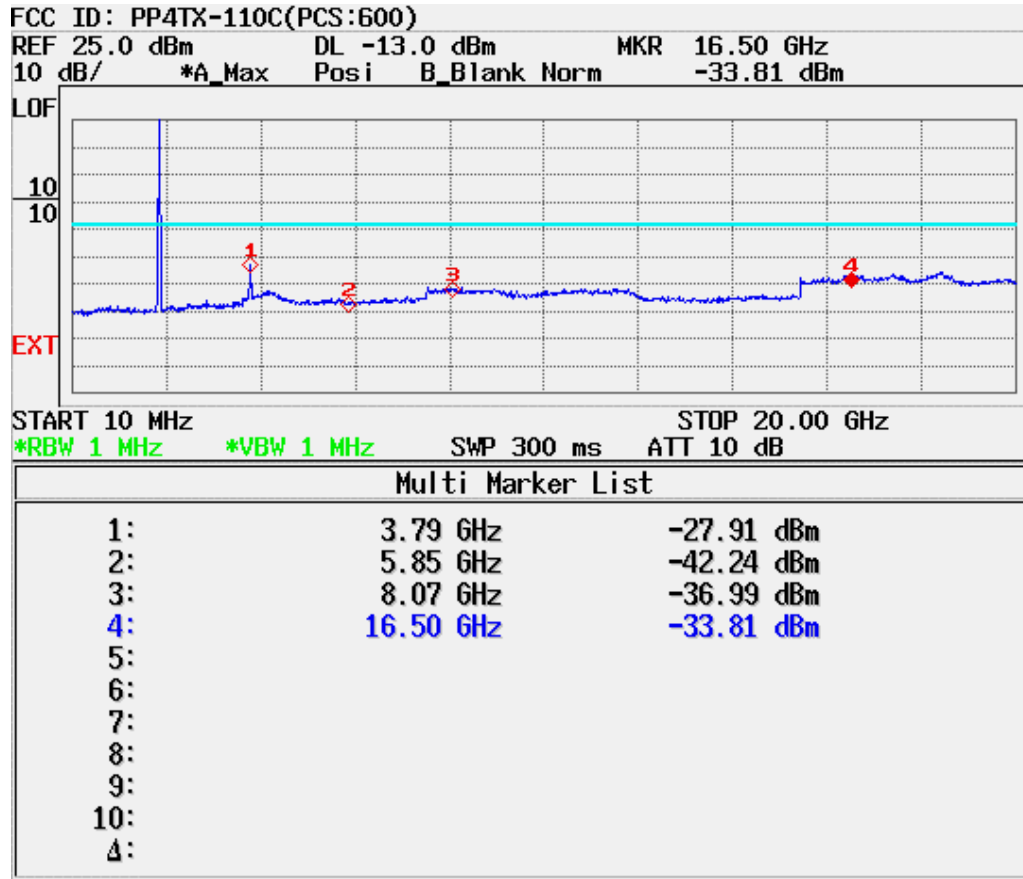
CDMA MODE (0777 CH.) Conducted Spurious



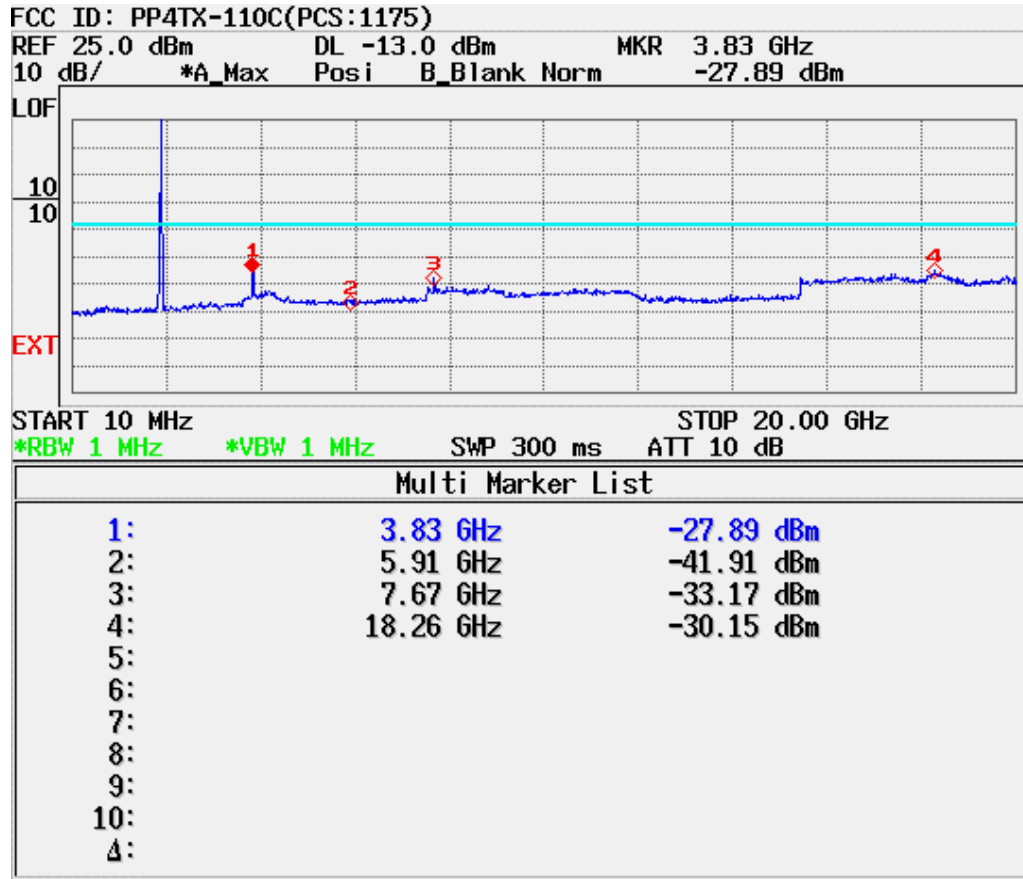
PCS CDMA MODE (0025 CH.) Conducted Spurious



PCS CDMA MODE (0600 CH.) Conducted Spurious

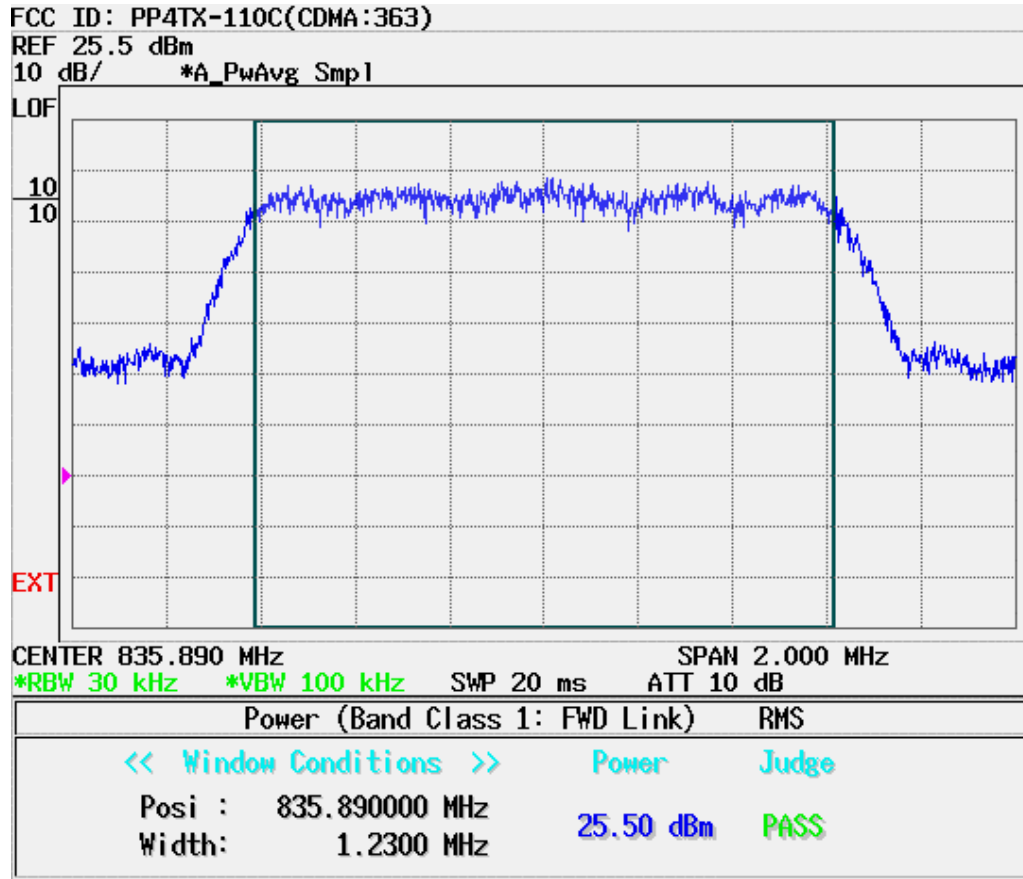


PCS CDMA MODE (1175 CH.) Conducted Spurious

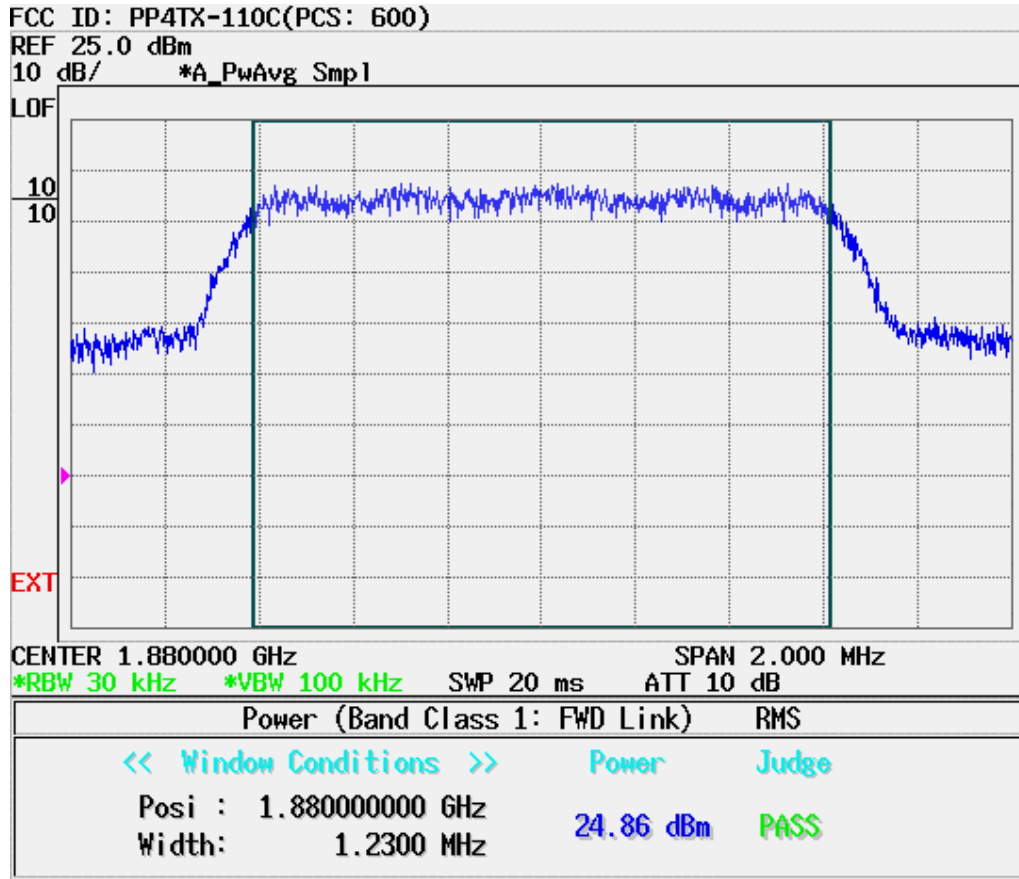




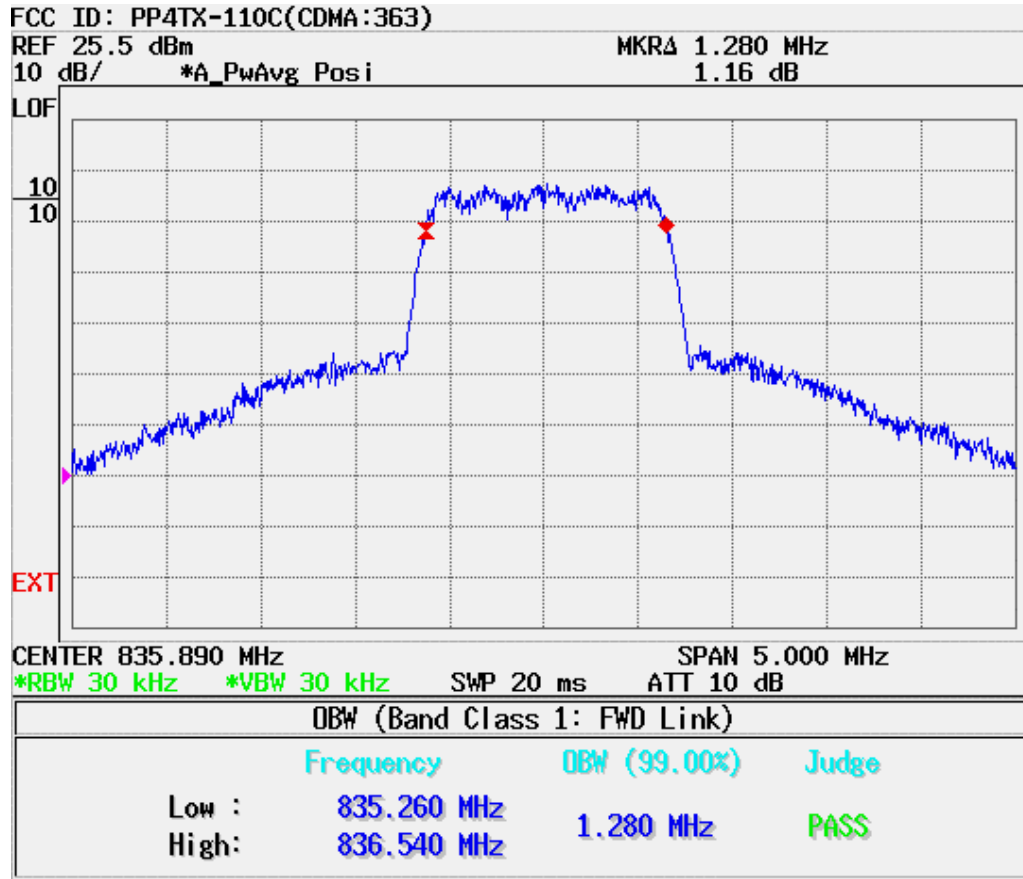
CDMA MODE (0363 CH.) : Channel Power



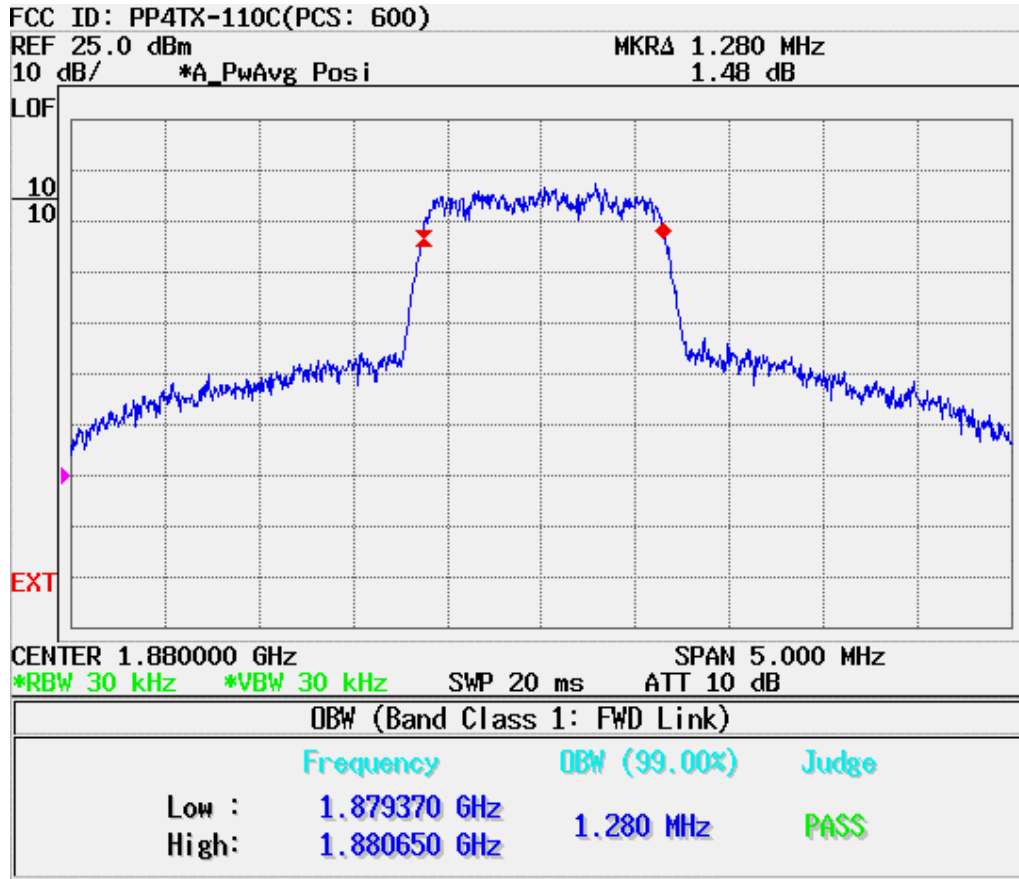
PCS CDMA MODE (0600 CH.) : Channel Power



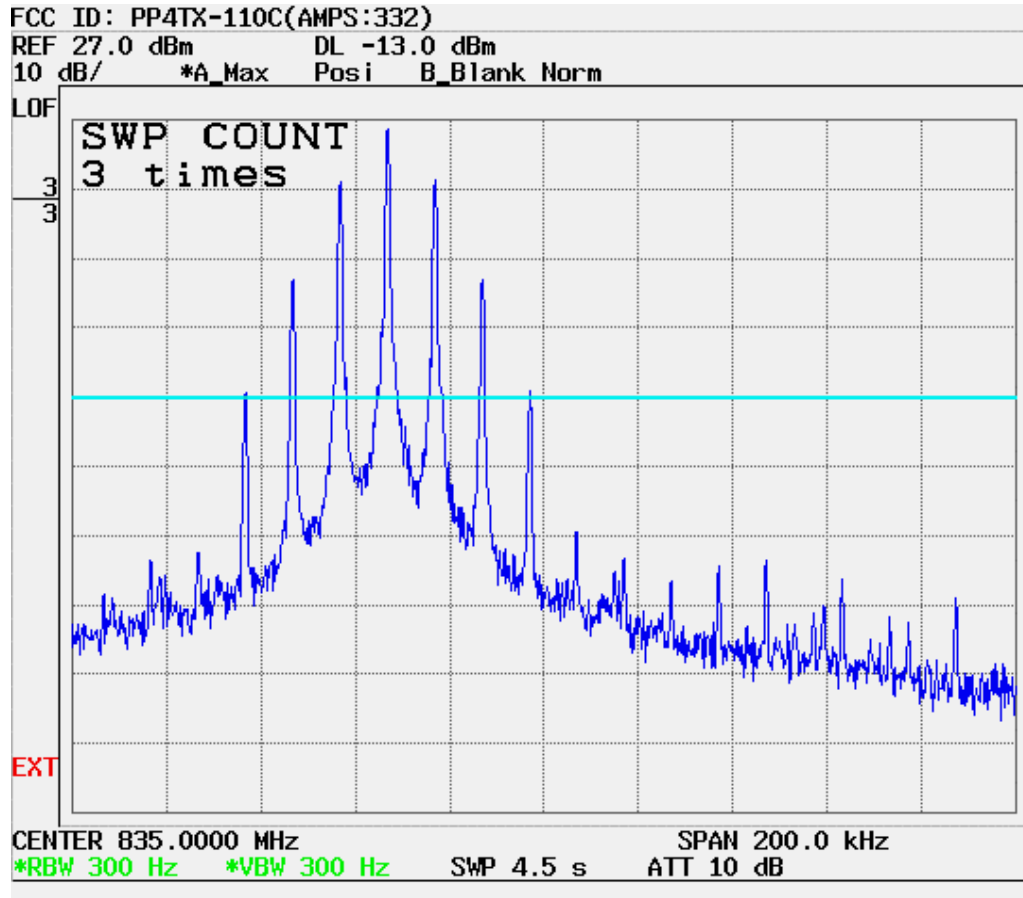
CDMA Mode (0363 CH.) : Occupied Bandwidth



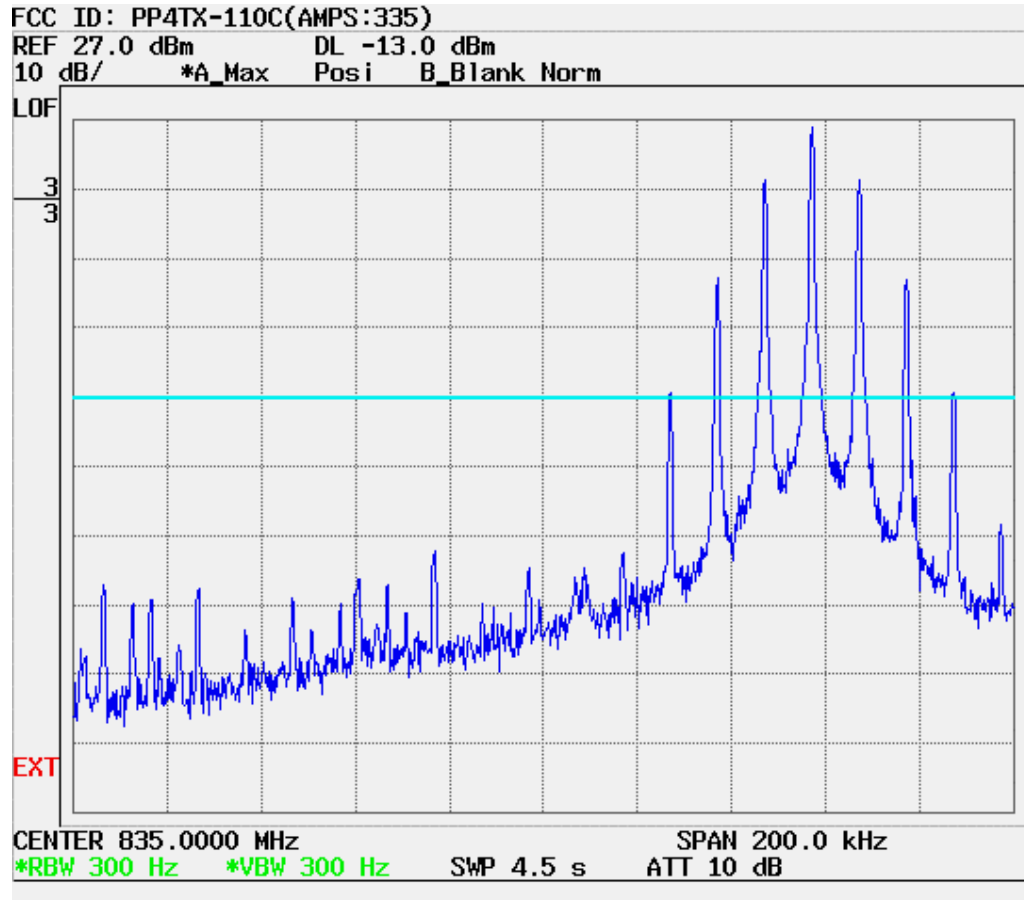
PCS CDMA Mode (0600 CH) : Occupied Bandwidth



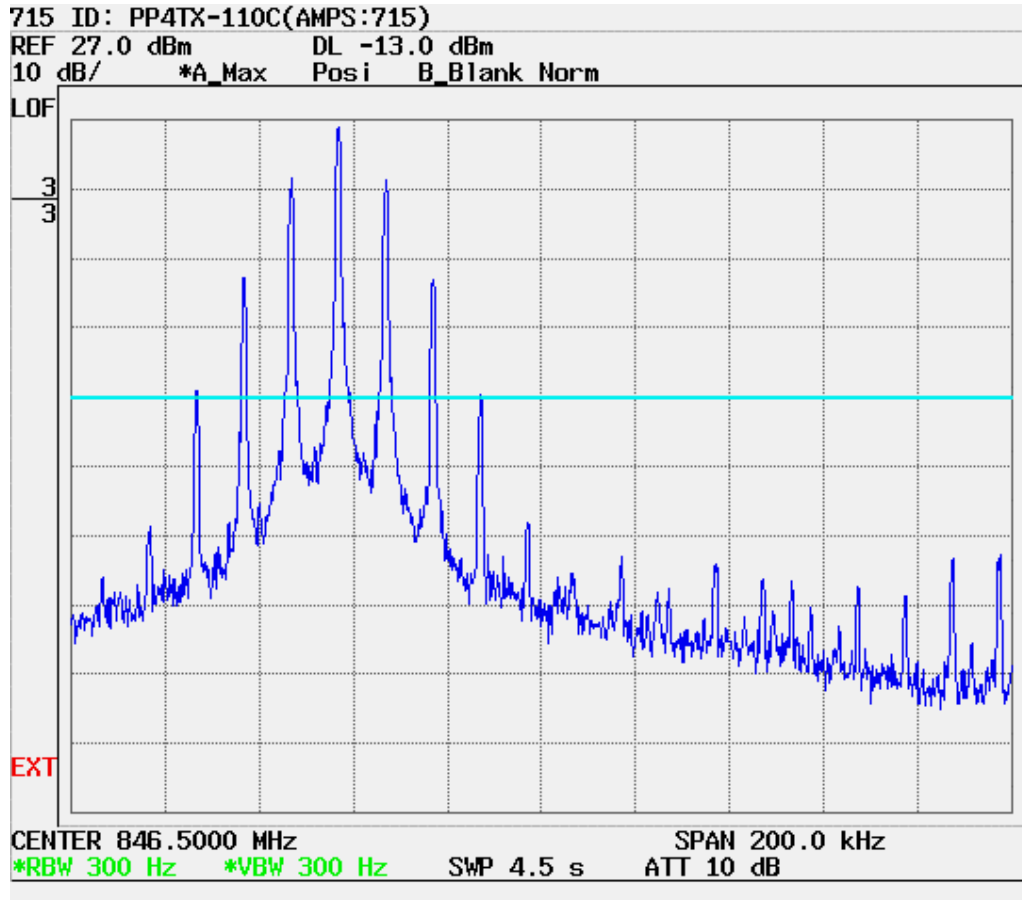
AMPS Mode (332 CH.) Block edge



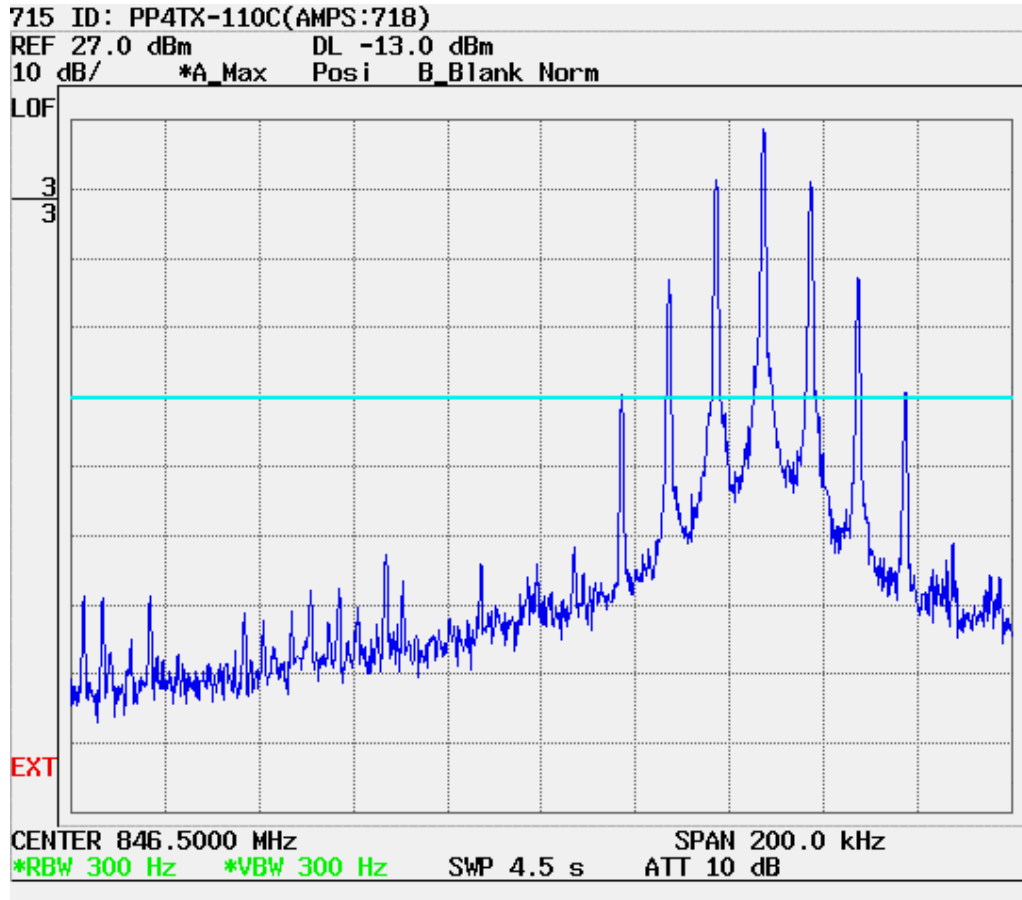
AMPS Mode (335 CH.) Block edge



AMPS Mode (715 CH.) Block edge

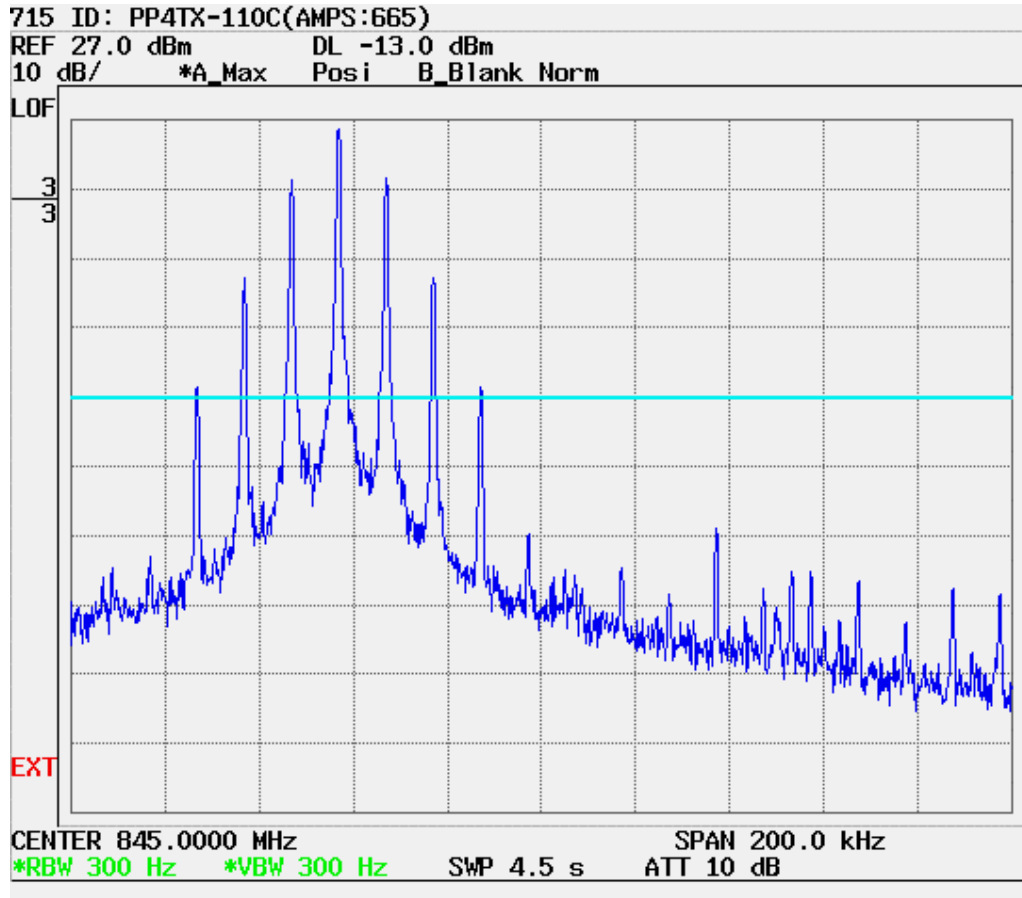


AMPS Mode (718 CH.) Block edge

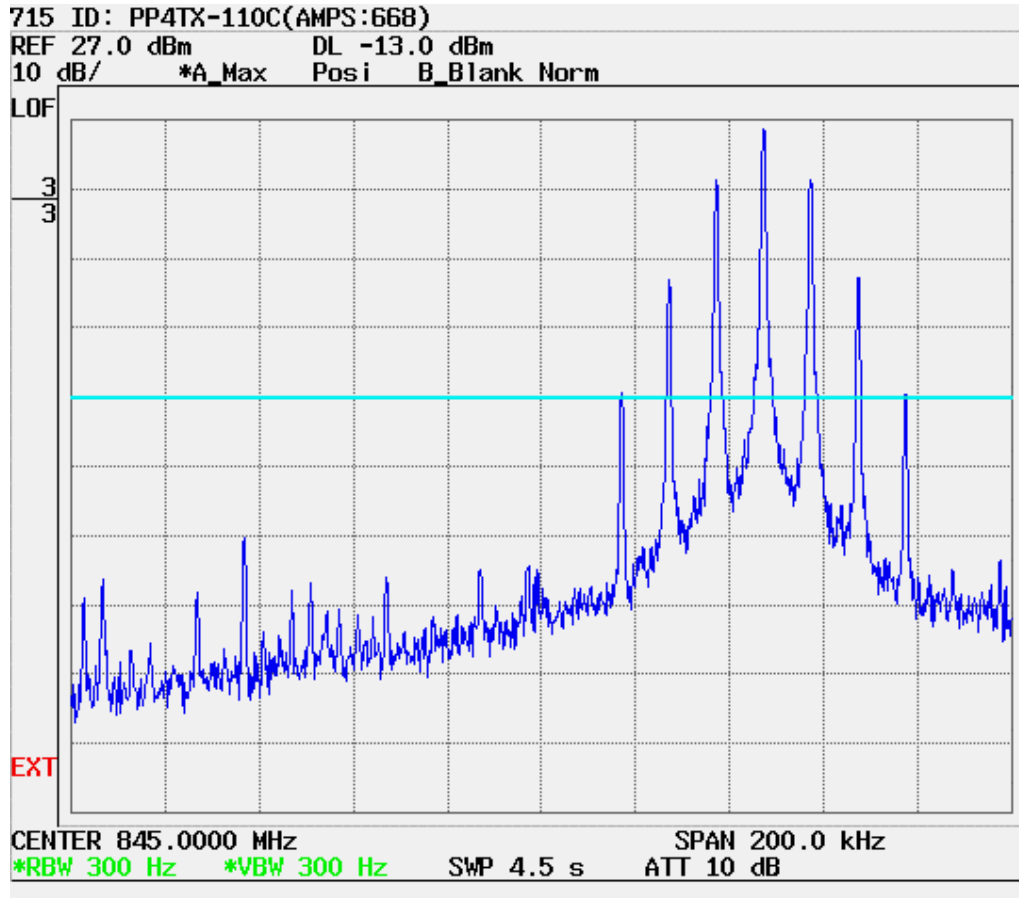




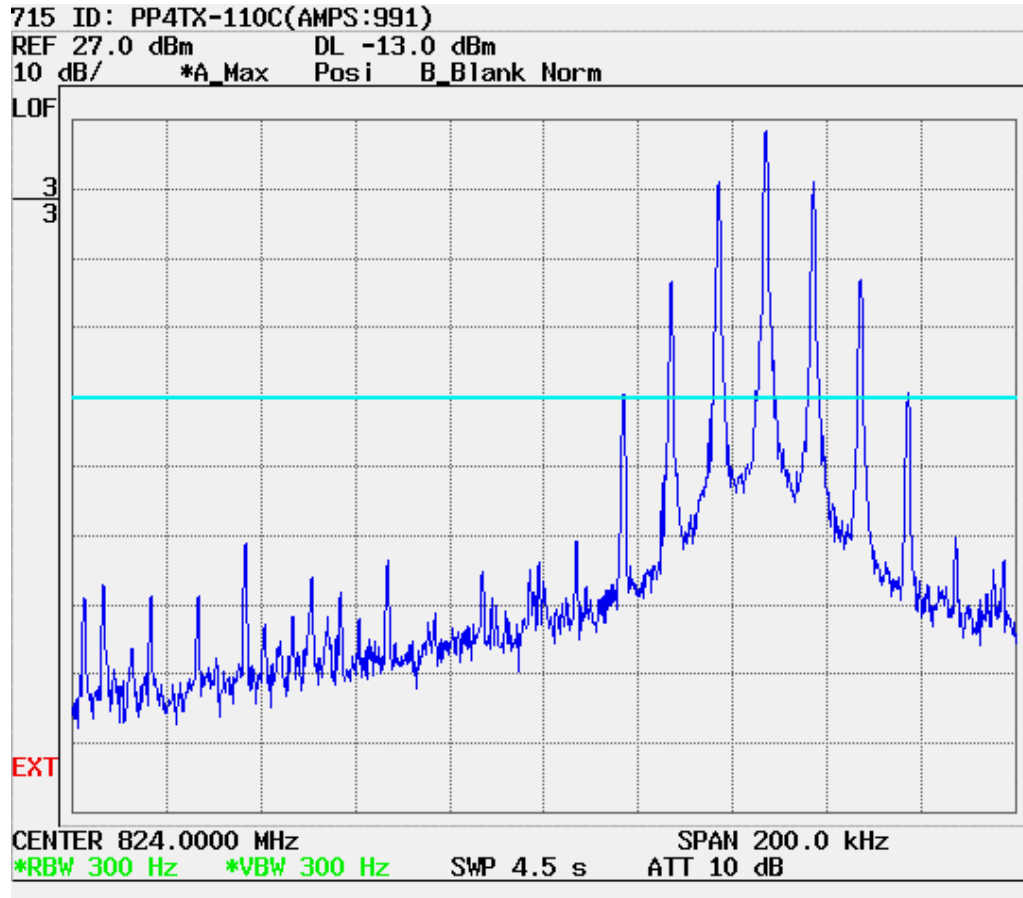
AMPS Mode (665 CH.) Block edge



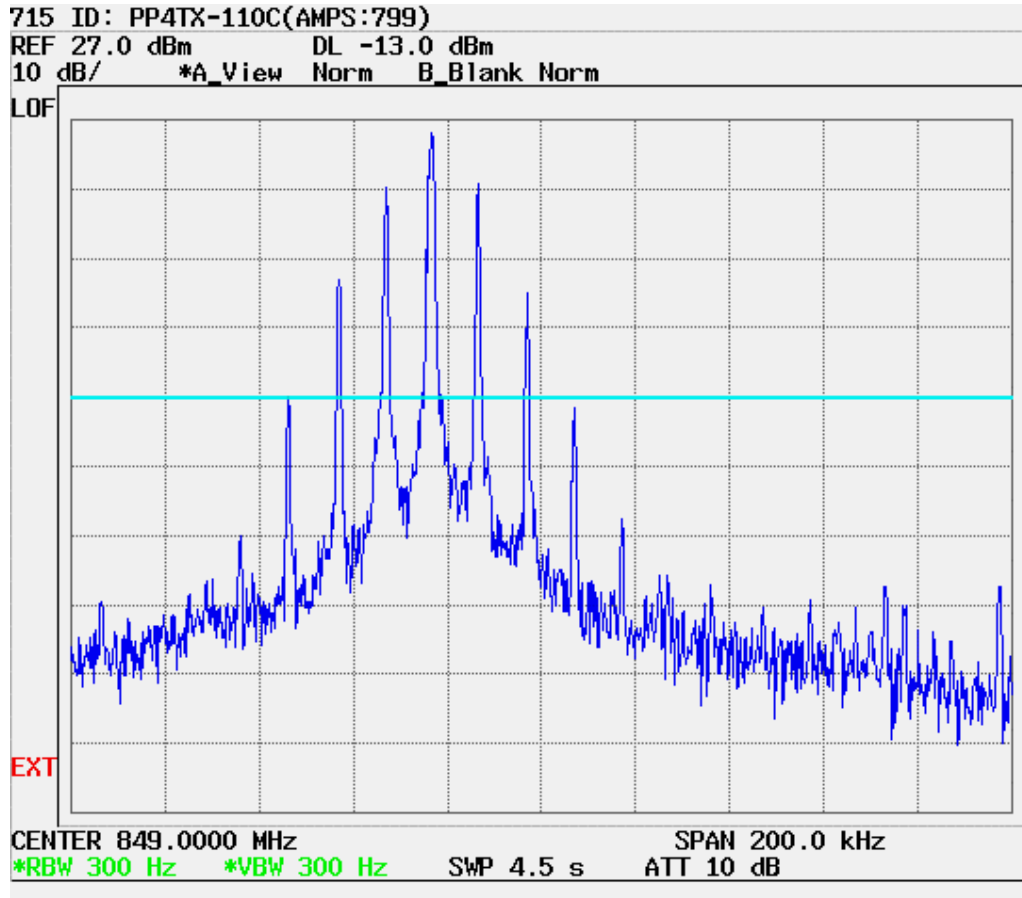
AMPS Mode (668 CH.) Block edge



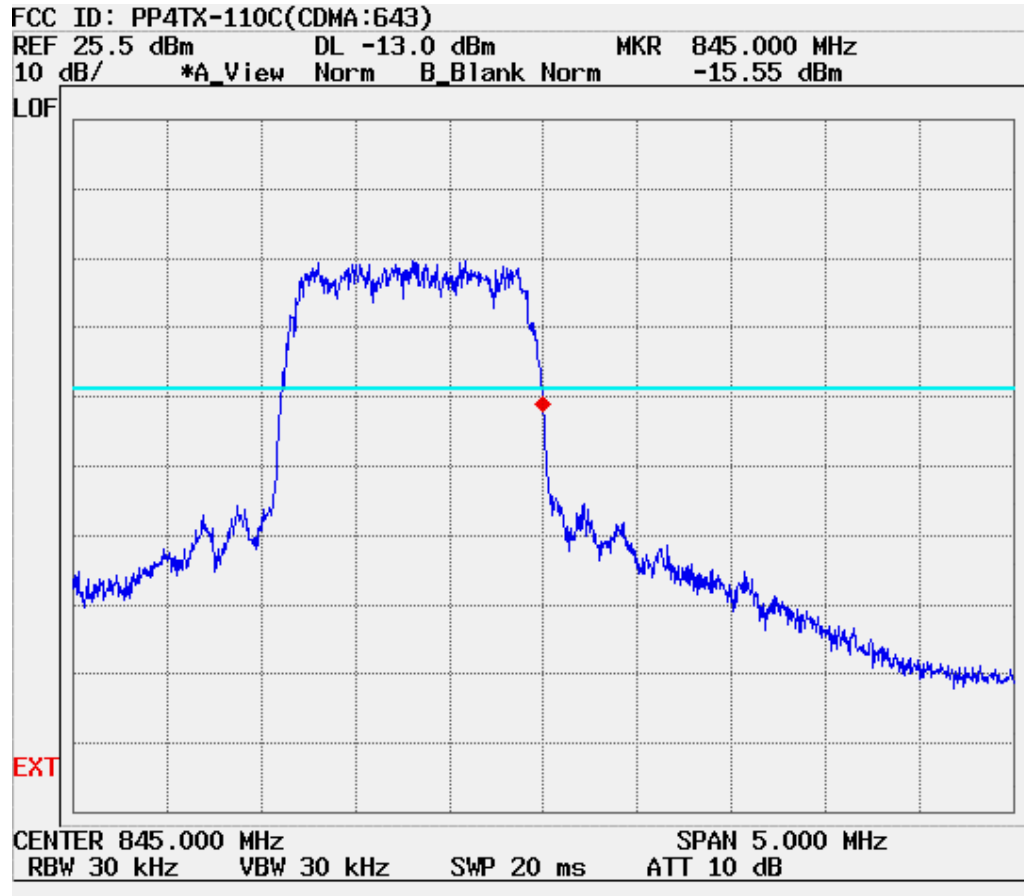
AMPS Mode (991 CH.) Block edge



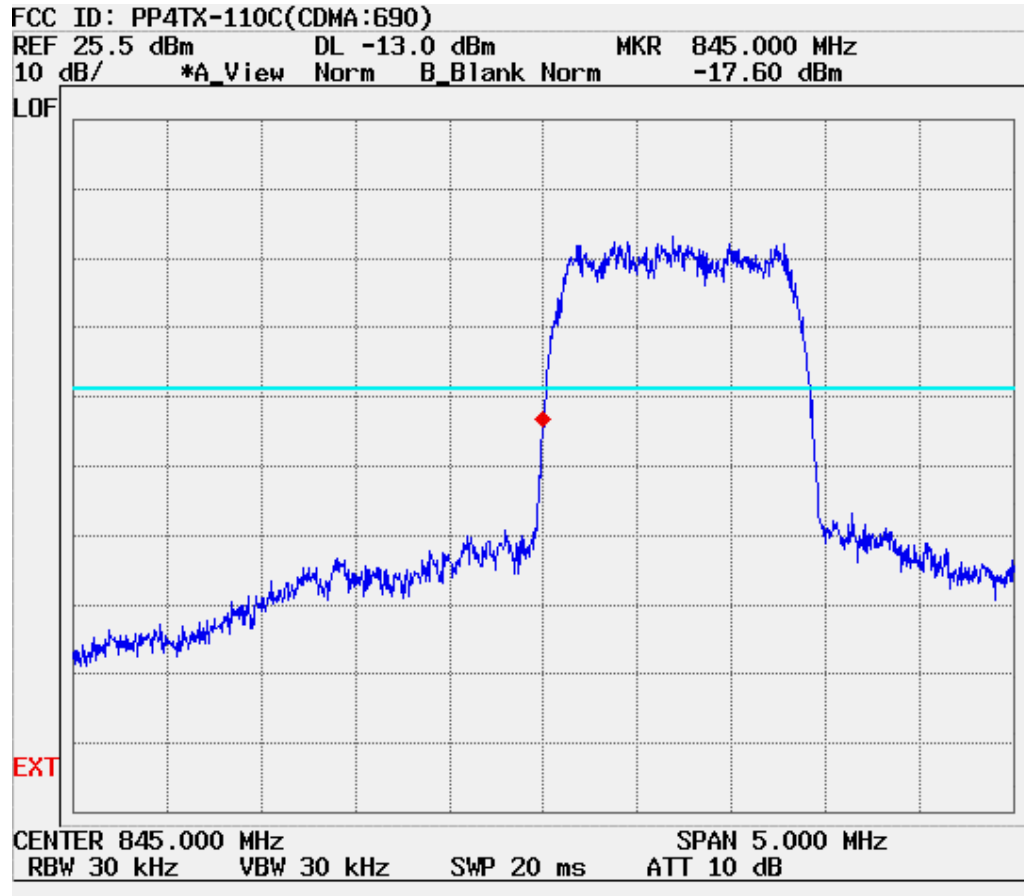
AMPS Mode (799 CH.) Band edge



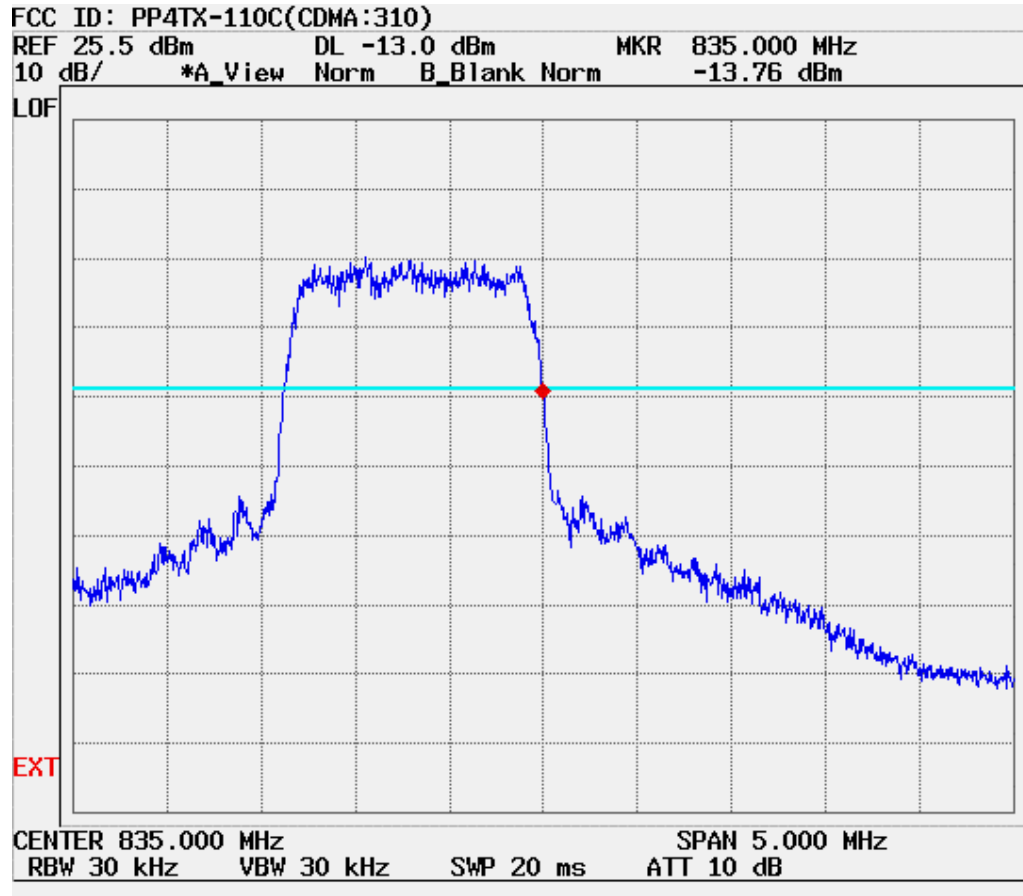
CDMA Cellular (643 CH.) Upper Edge- Block A



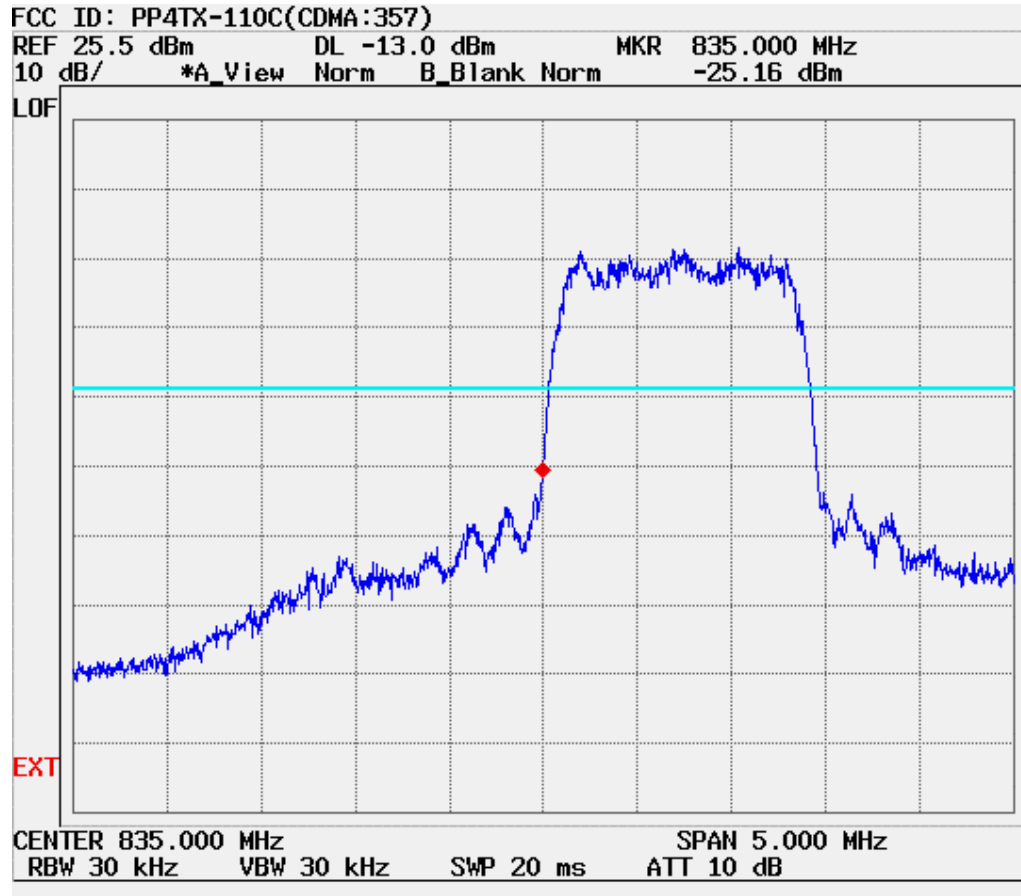
CDMA Cellular (690 CH.) Lower Edge- Block B



CDMA Cellular (310 CH.) Upper Edge- Block A

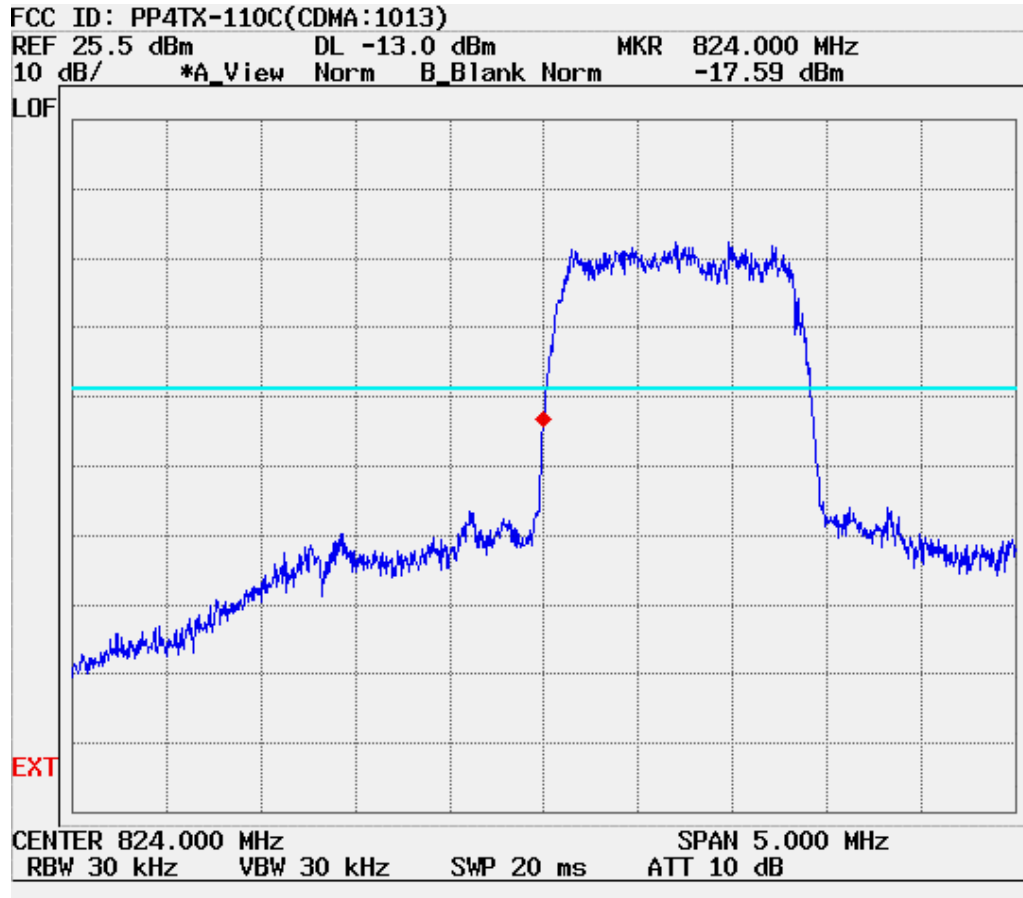


CDMA Cellular (357 CH.) Lower Edge- Block B

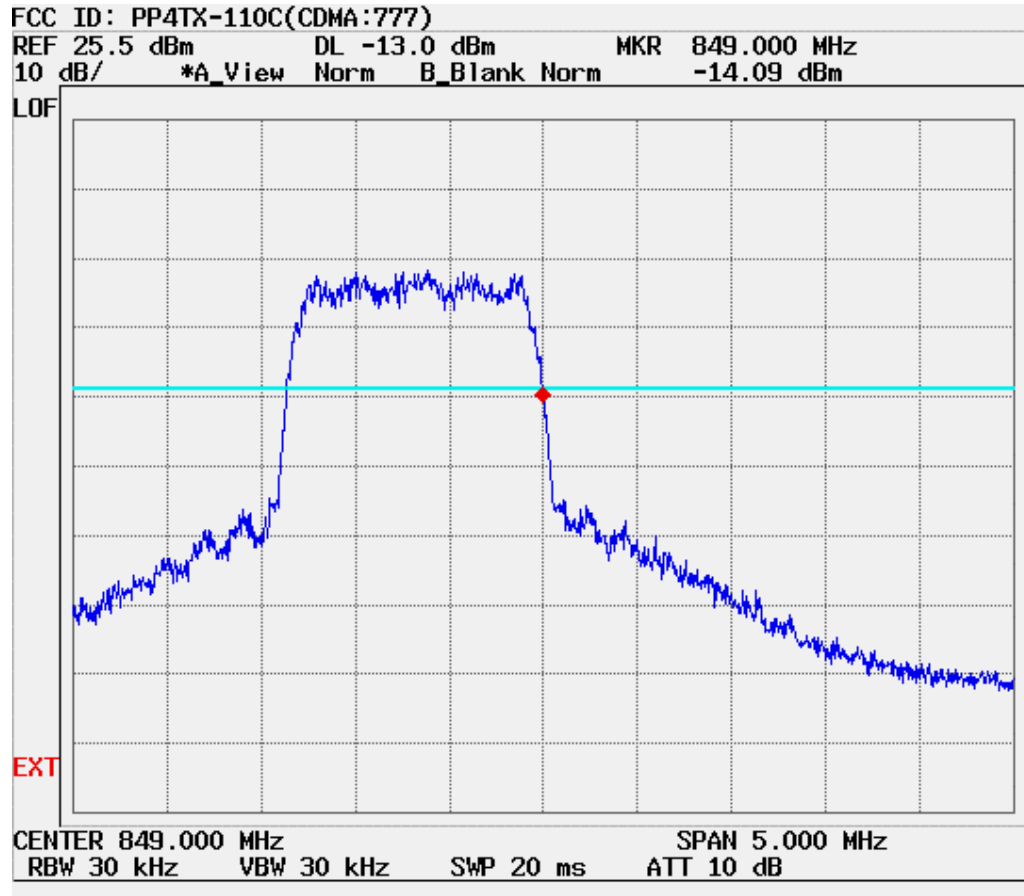




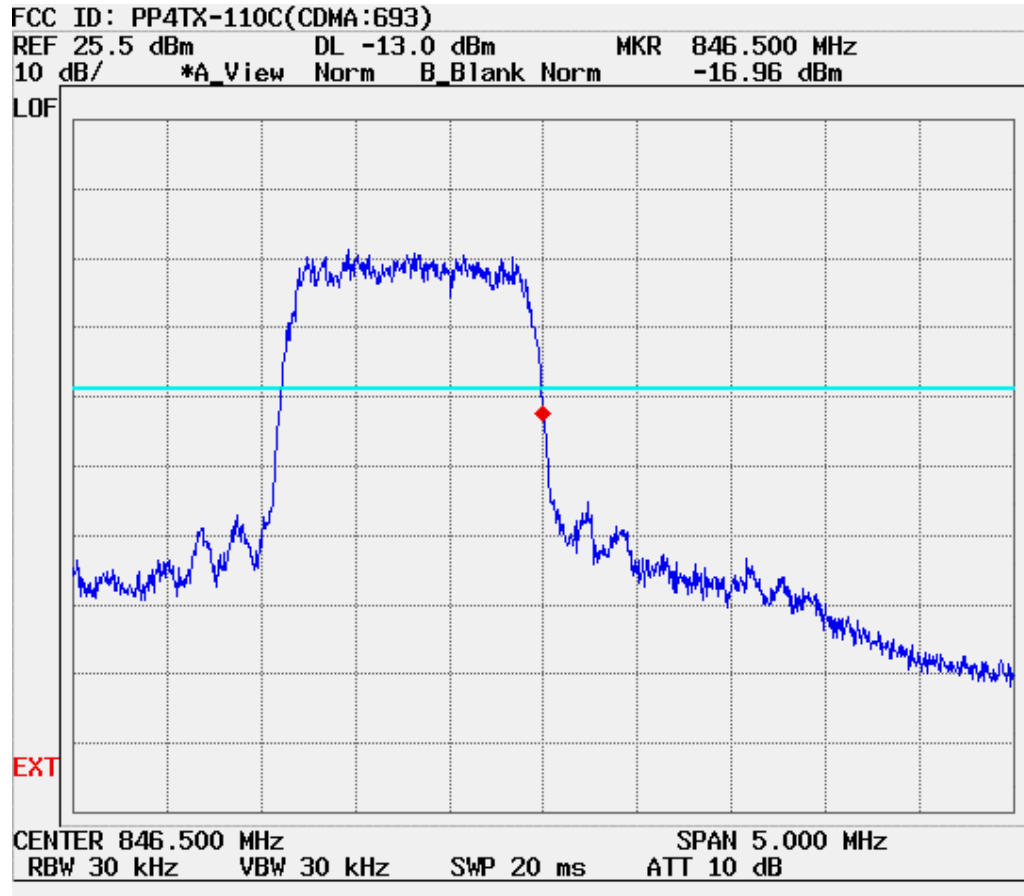
CDMA Cellular (1013 CH.) Band Edge



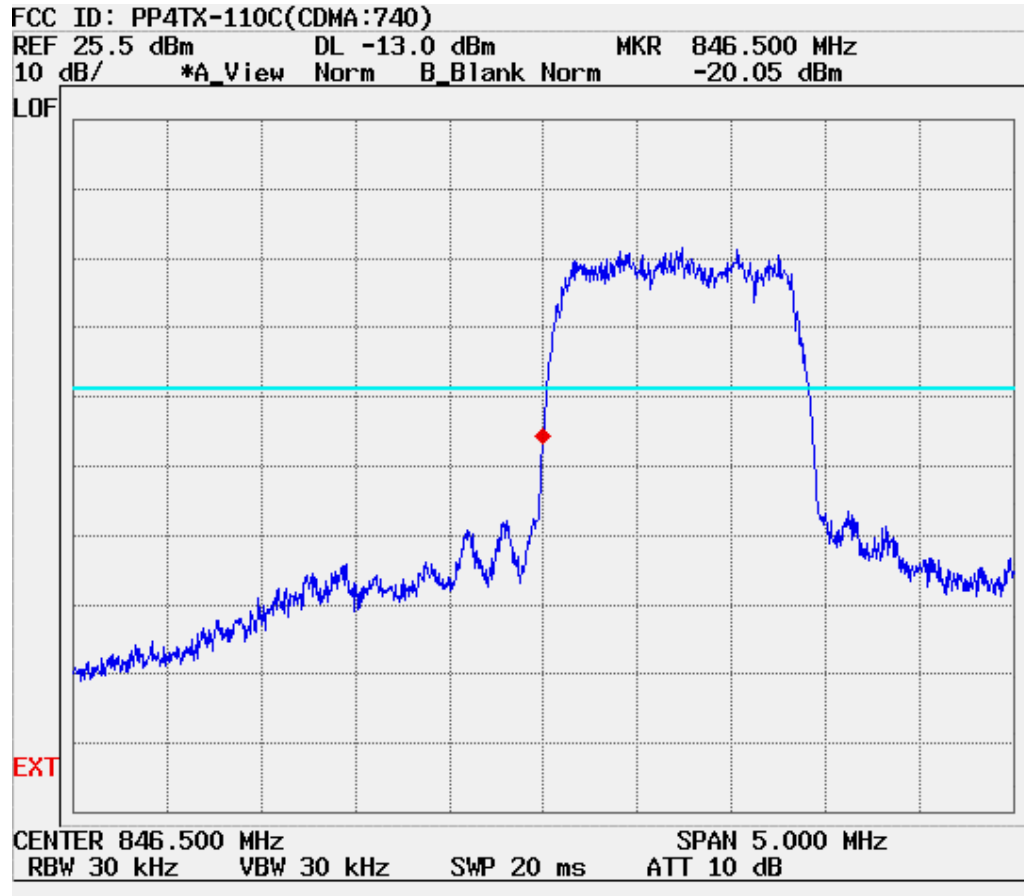
### CDMA Cellular (777 CH.) Band Edge



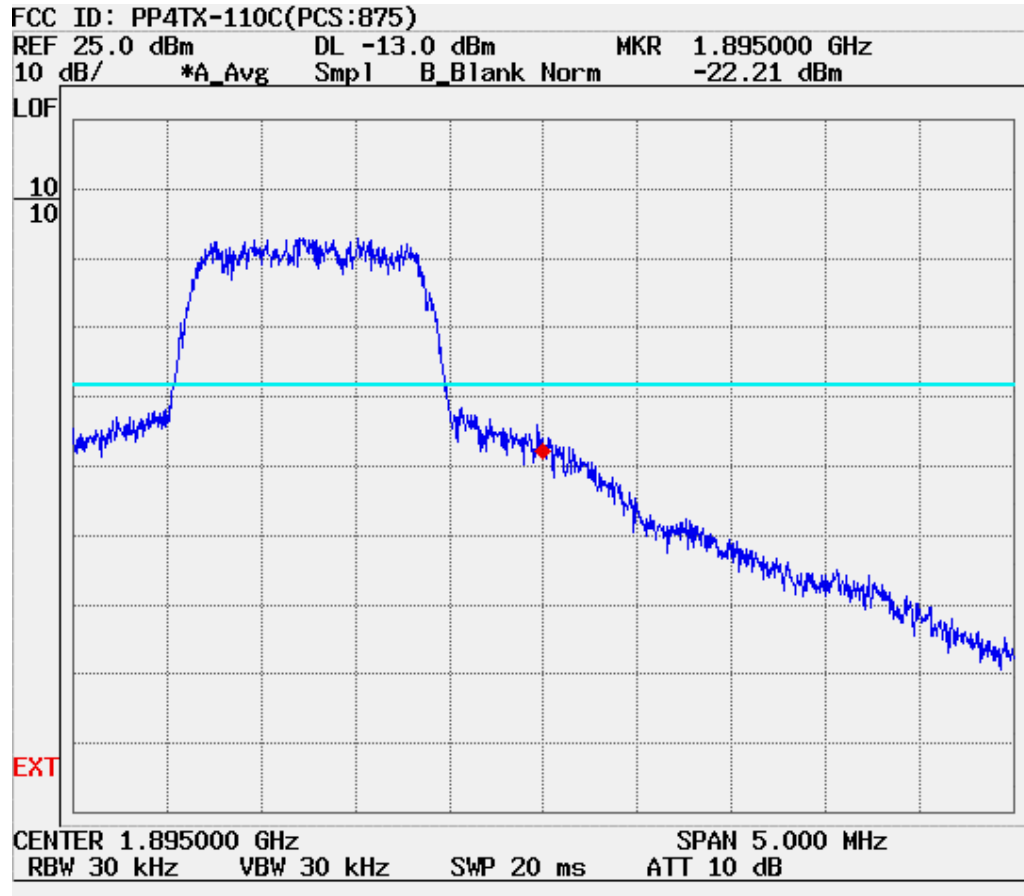
CDMA Cellular (693 CH.) Upper Edge- Block A



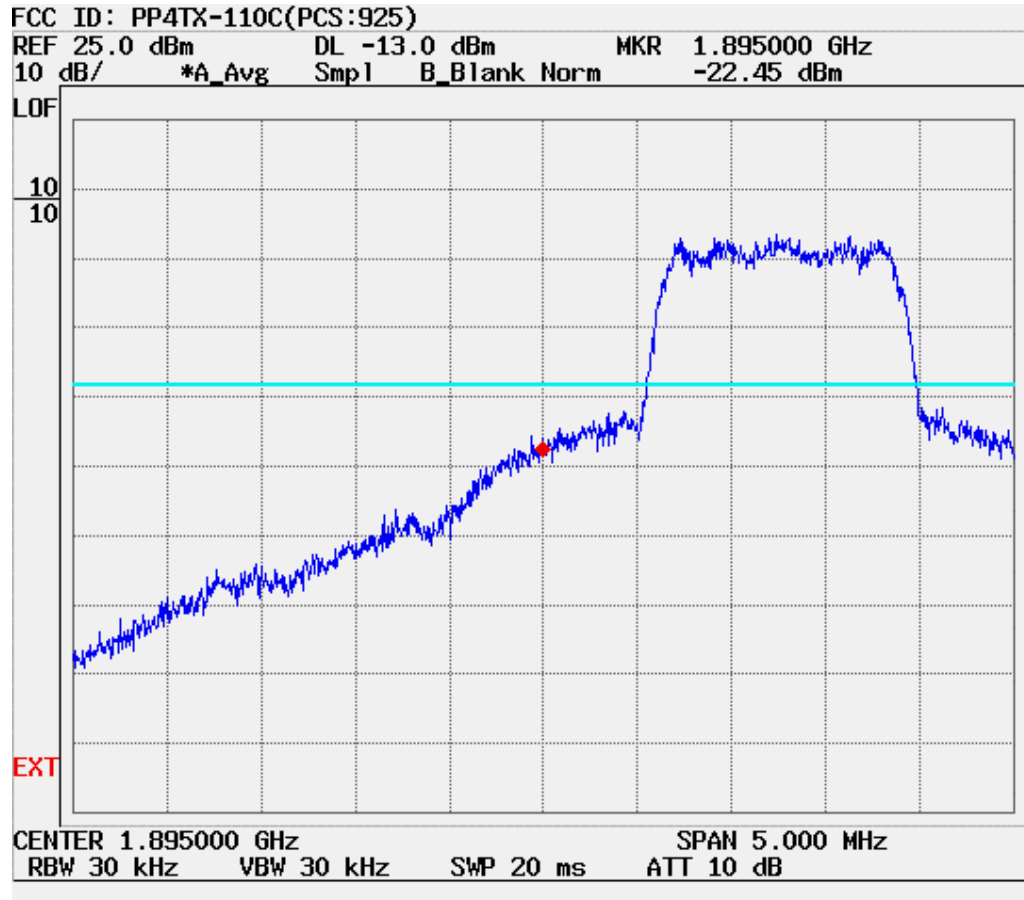
CDMA Cellular (740 CH.) Lower Edge- Block B



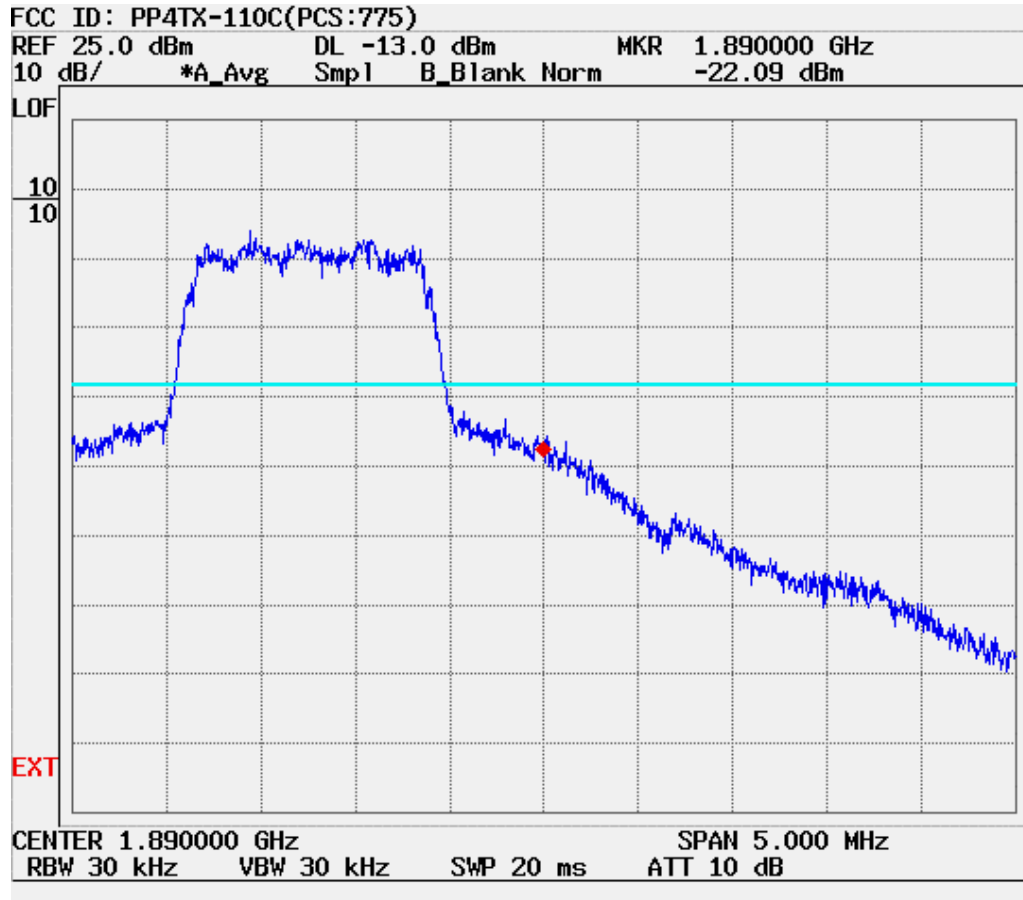
PCS Mode (875 CH.) Block Edge



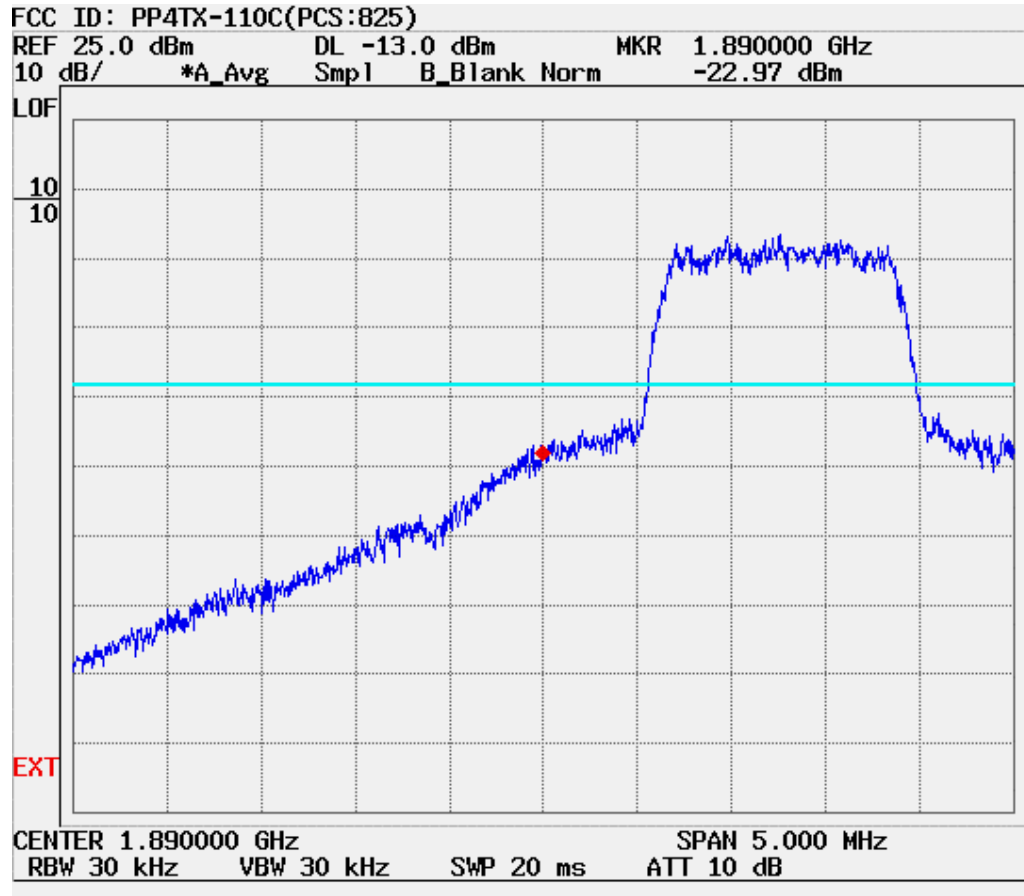
PCS Mode (925 CH.) Block Edge



PCS Mode (775 CH.) Block Edge

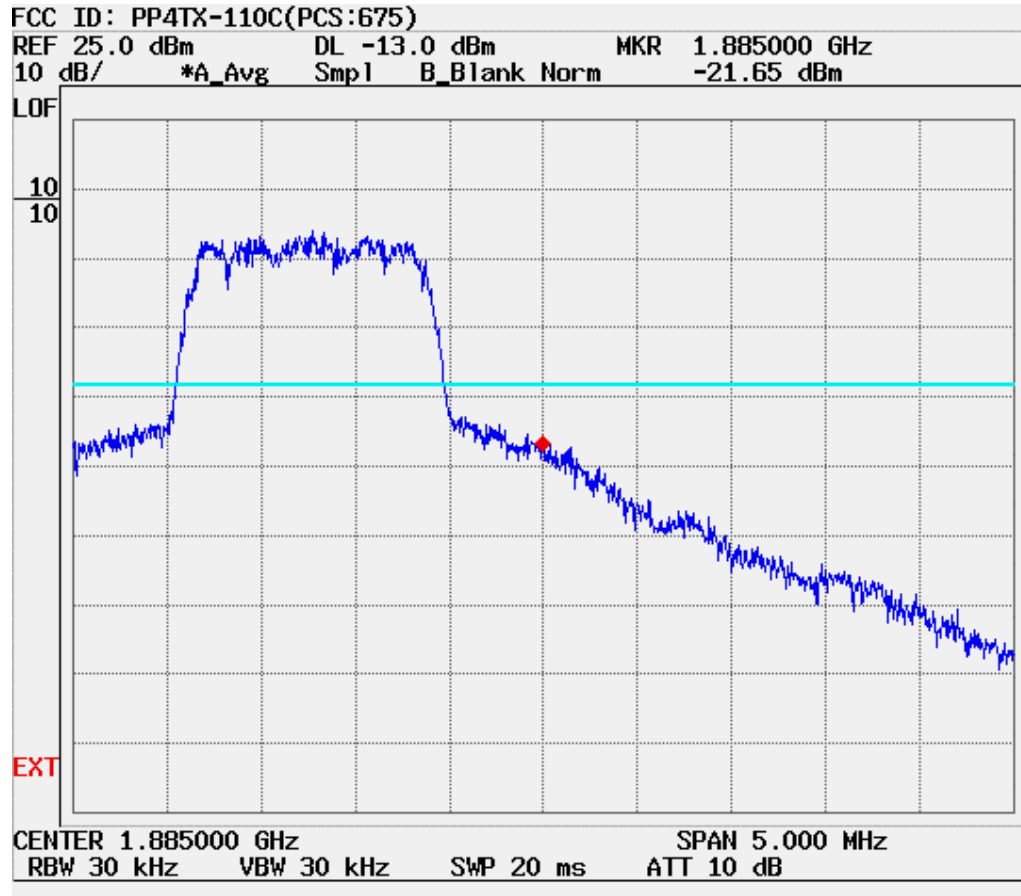


PCS Mode (825 CH.) Block Edge

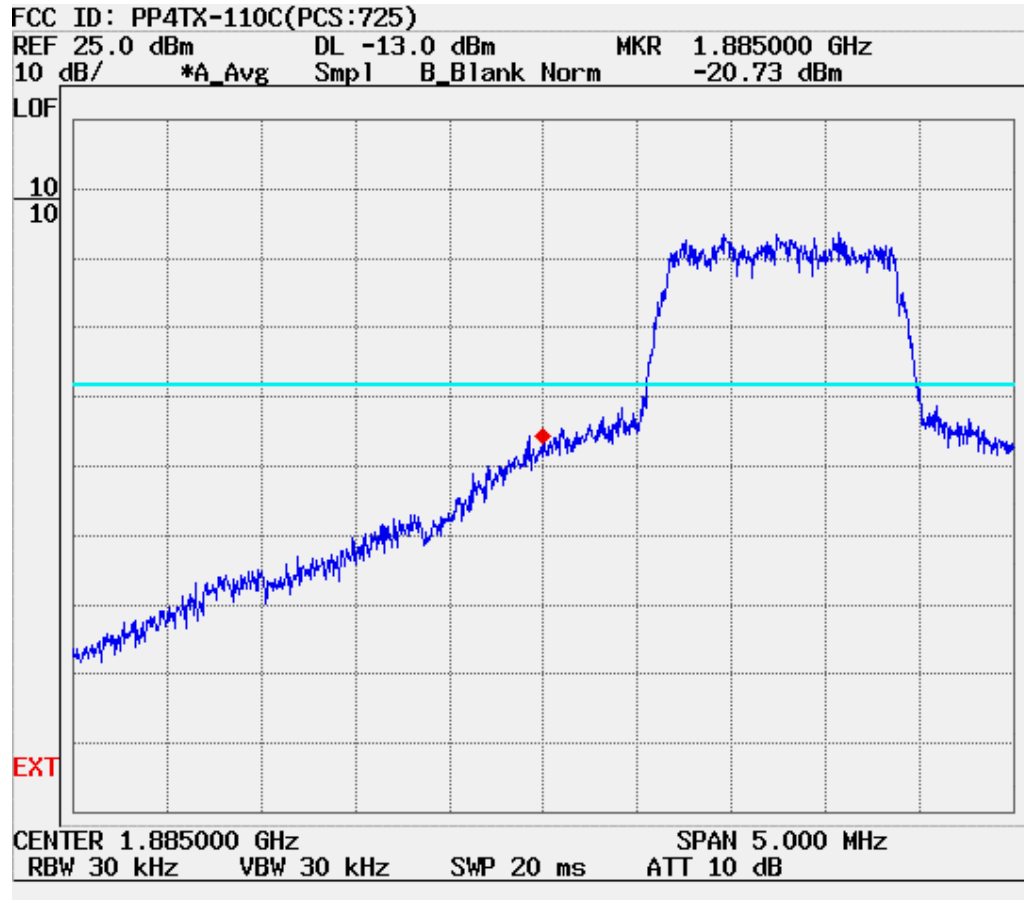




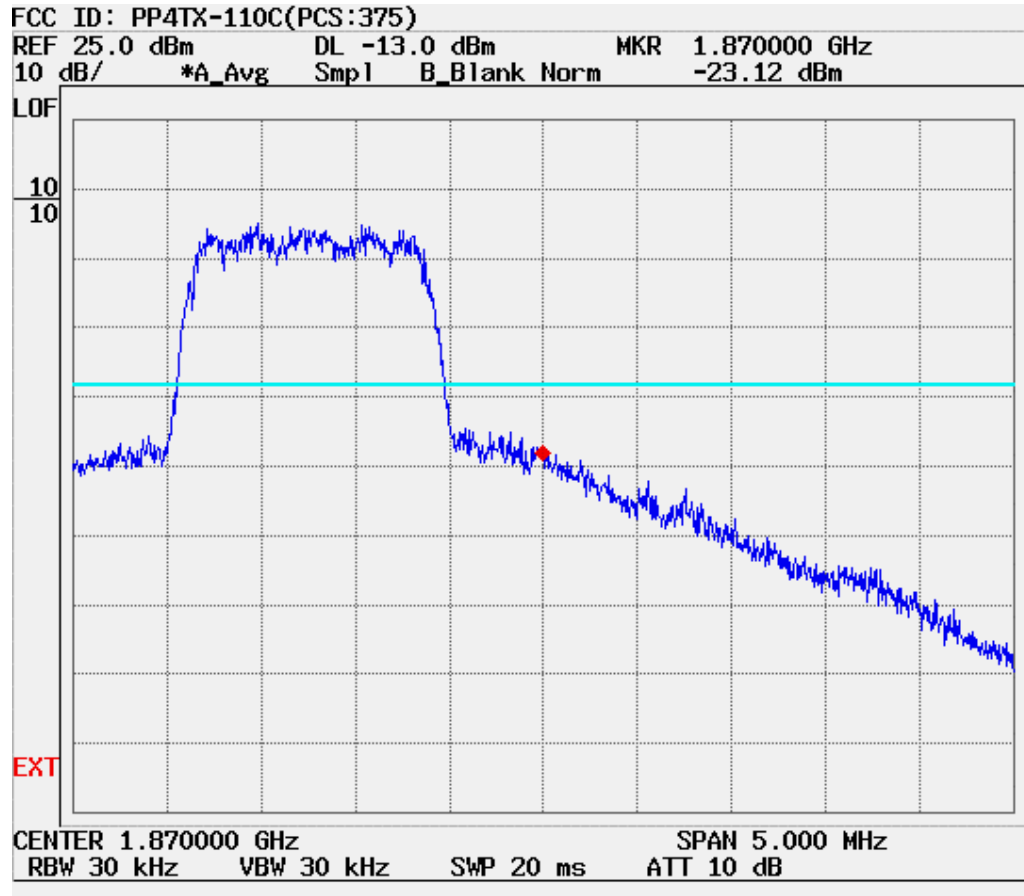
PCS Mode (675 CH.) Block Edge



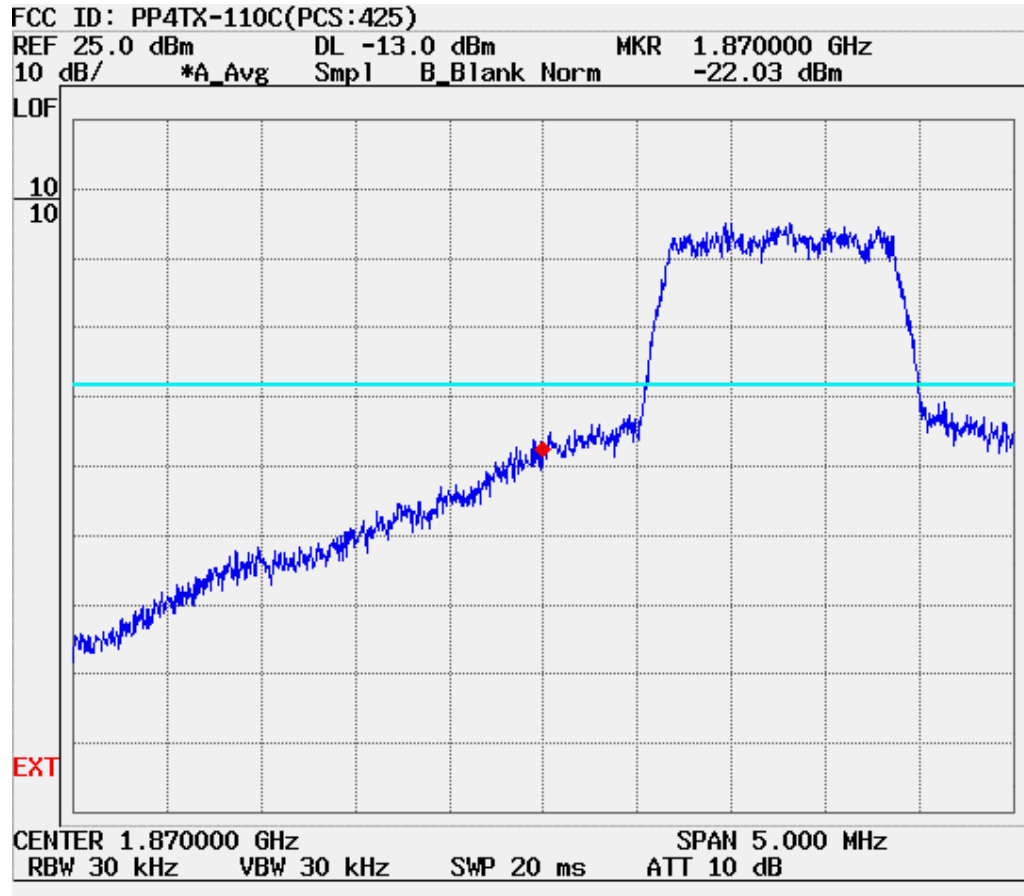
PCS Mode (725 CH.) Block Edge



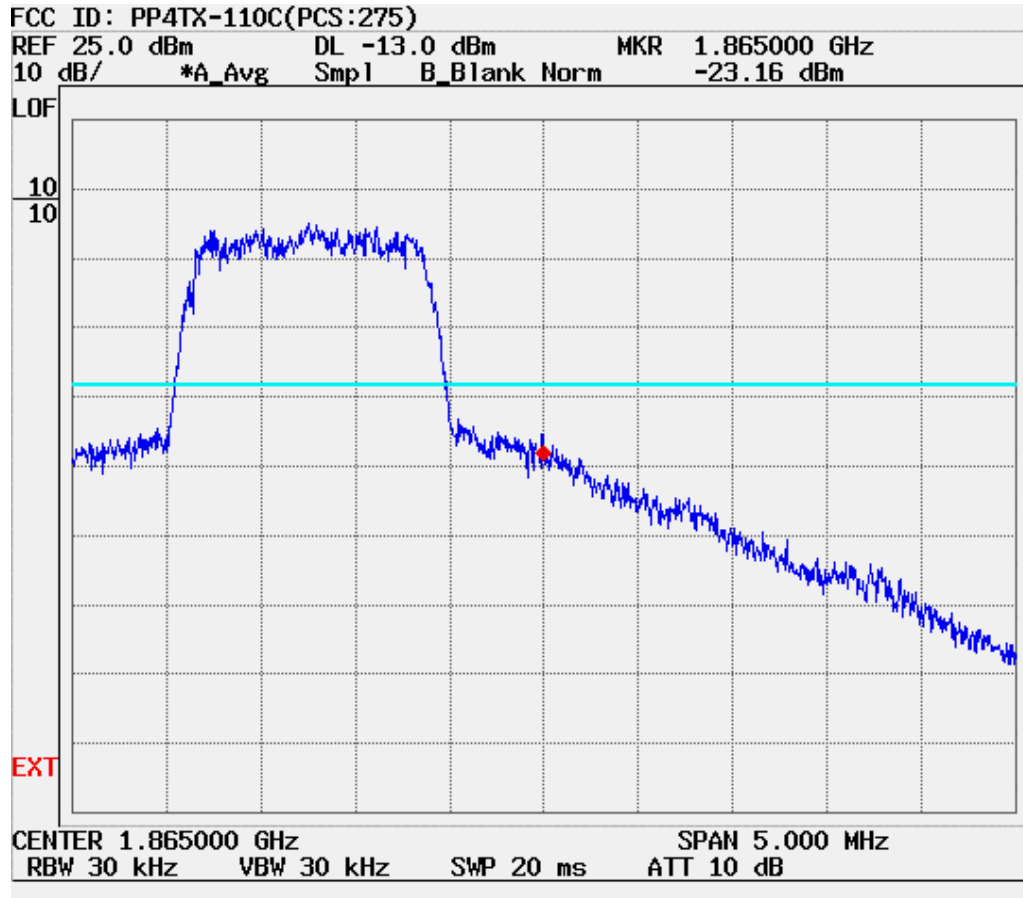
PCS Mode (375 CH.) Block Edge



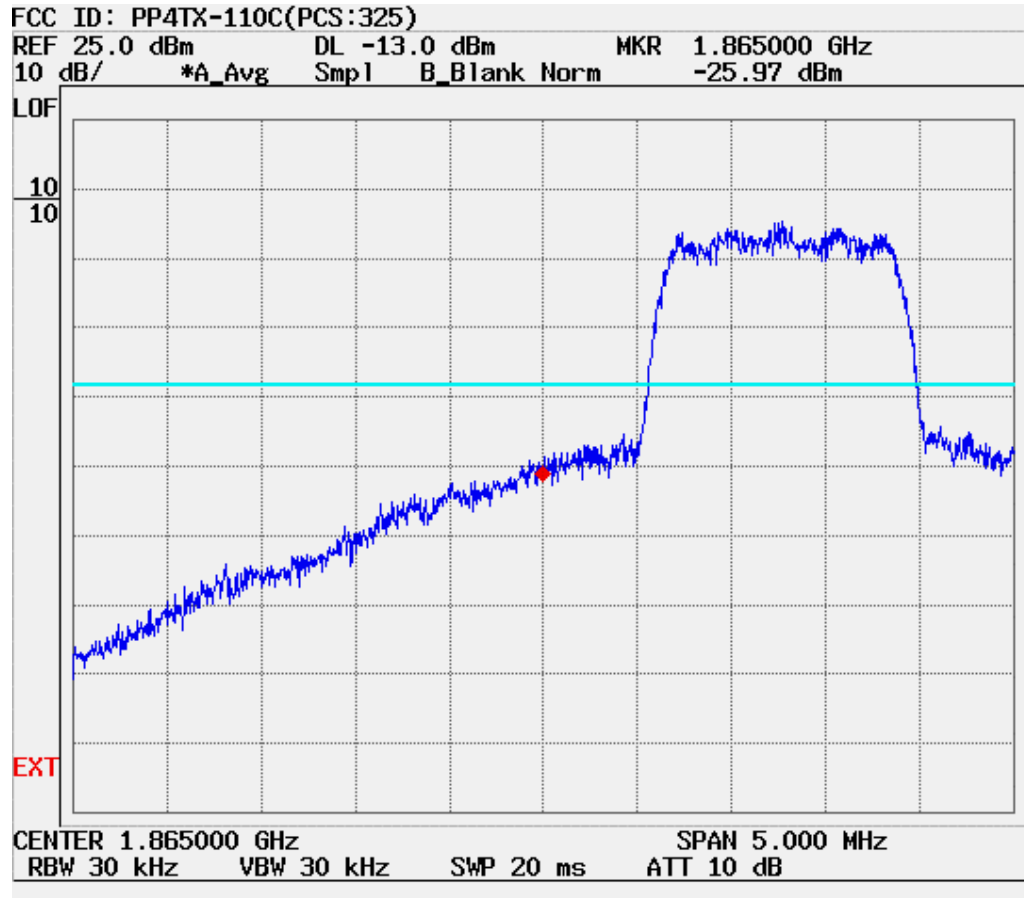
PCS Mode (425 CH.) Block Edge



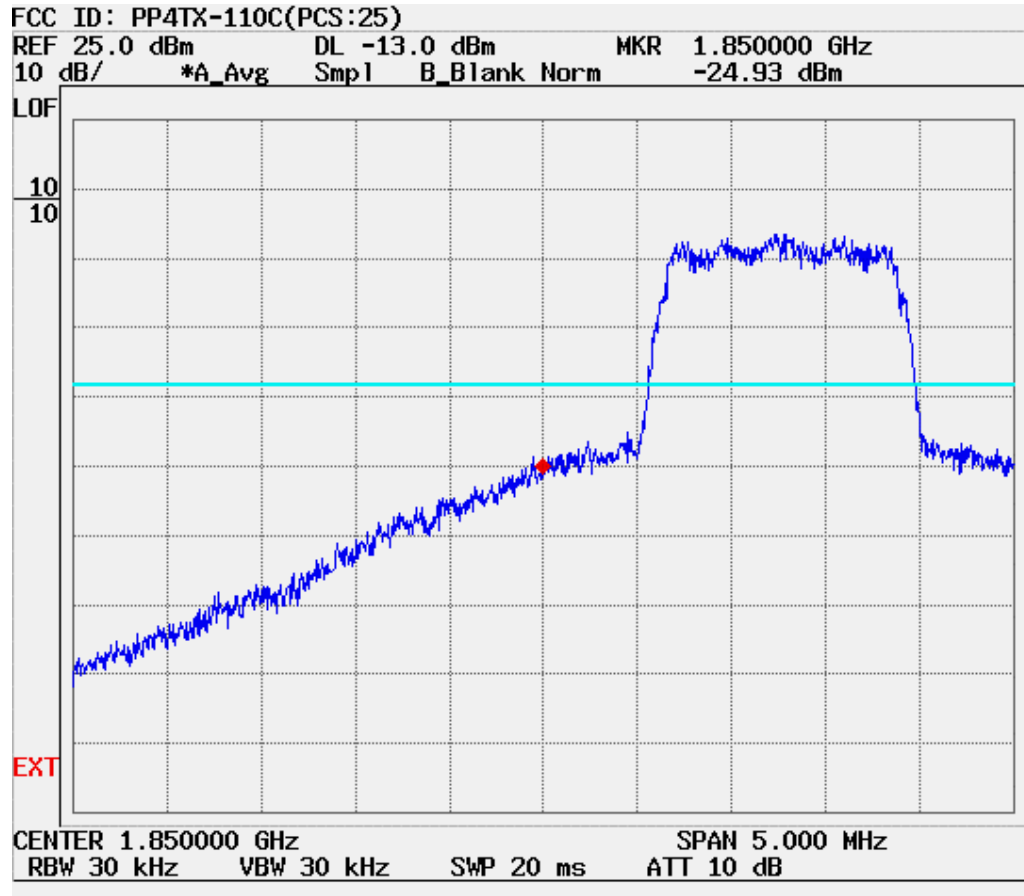
PCS Mode (275 CH.) Block Edge



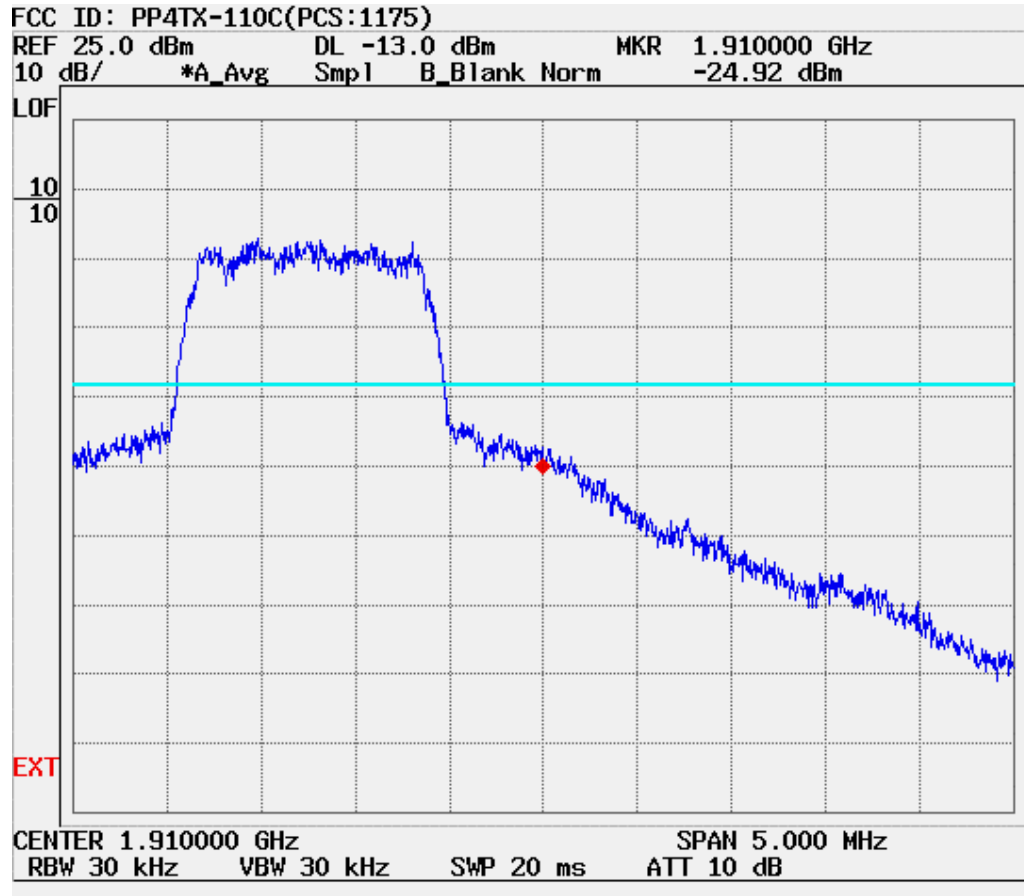
PCS Mode (325 CH.) Block Edge



PCS Mode Band Edge (25 CH.)

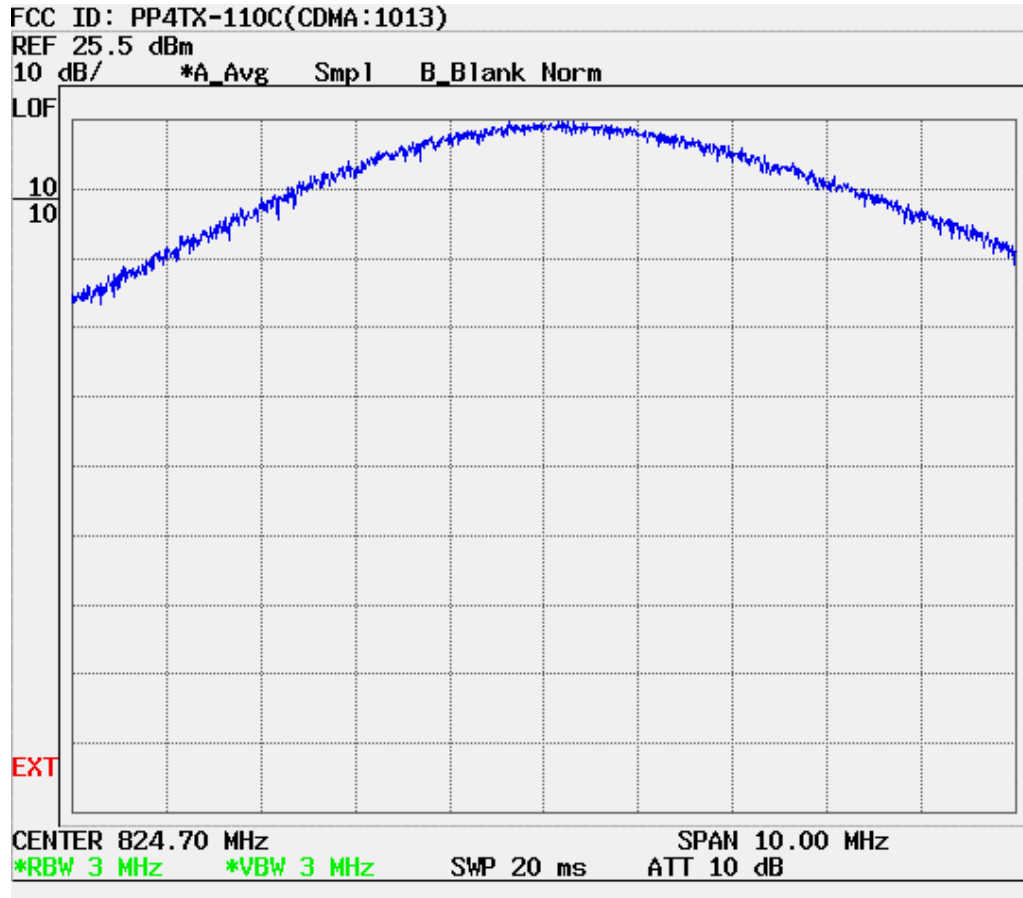


PCS Mode Band Edge (1175 CH.)

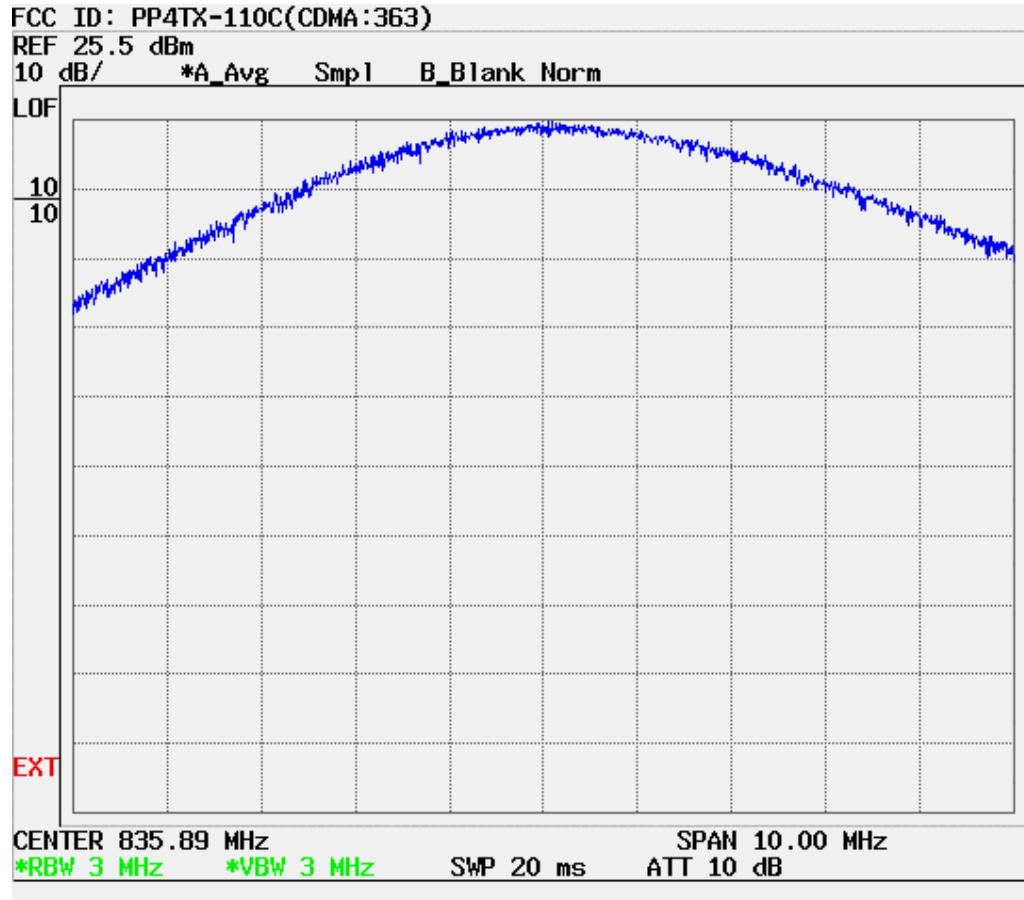




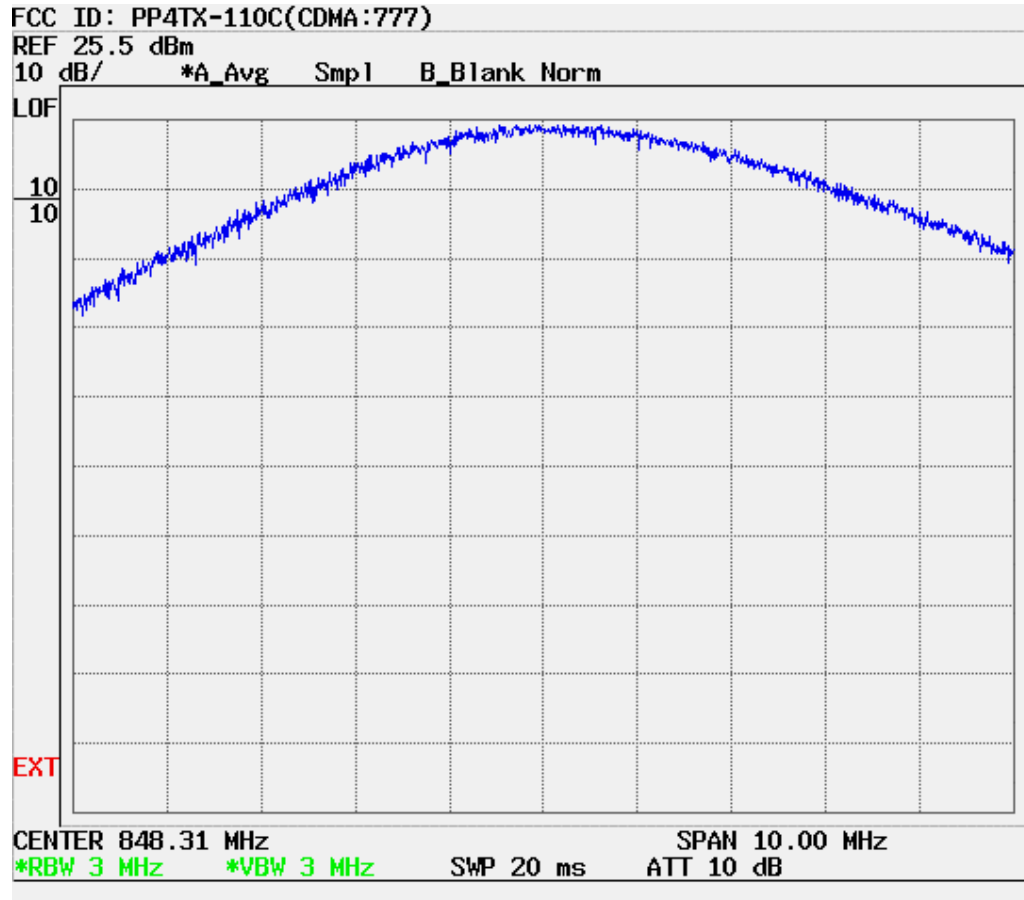
CDMA (1013 CH) Test Mode: POWER OUT



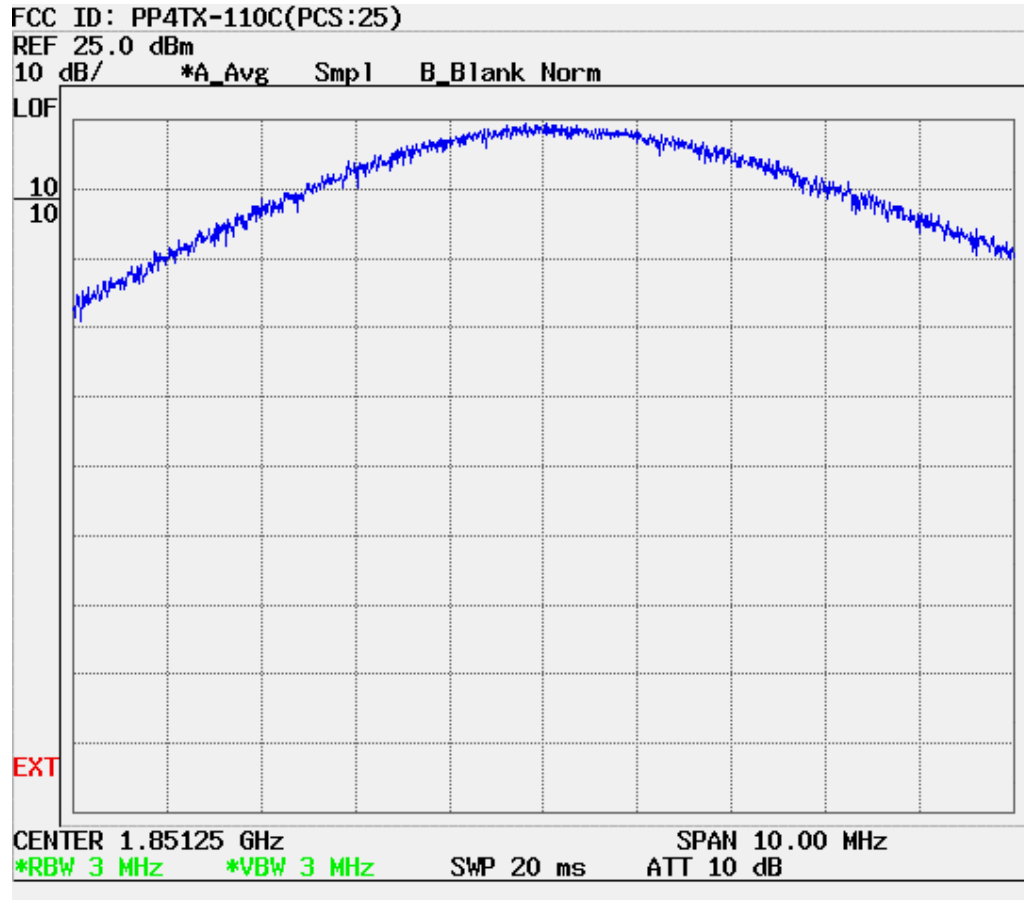
CDMA (0363 CH) Test Mode: POWER OUT



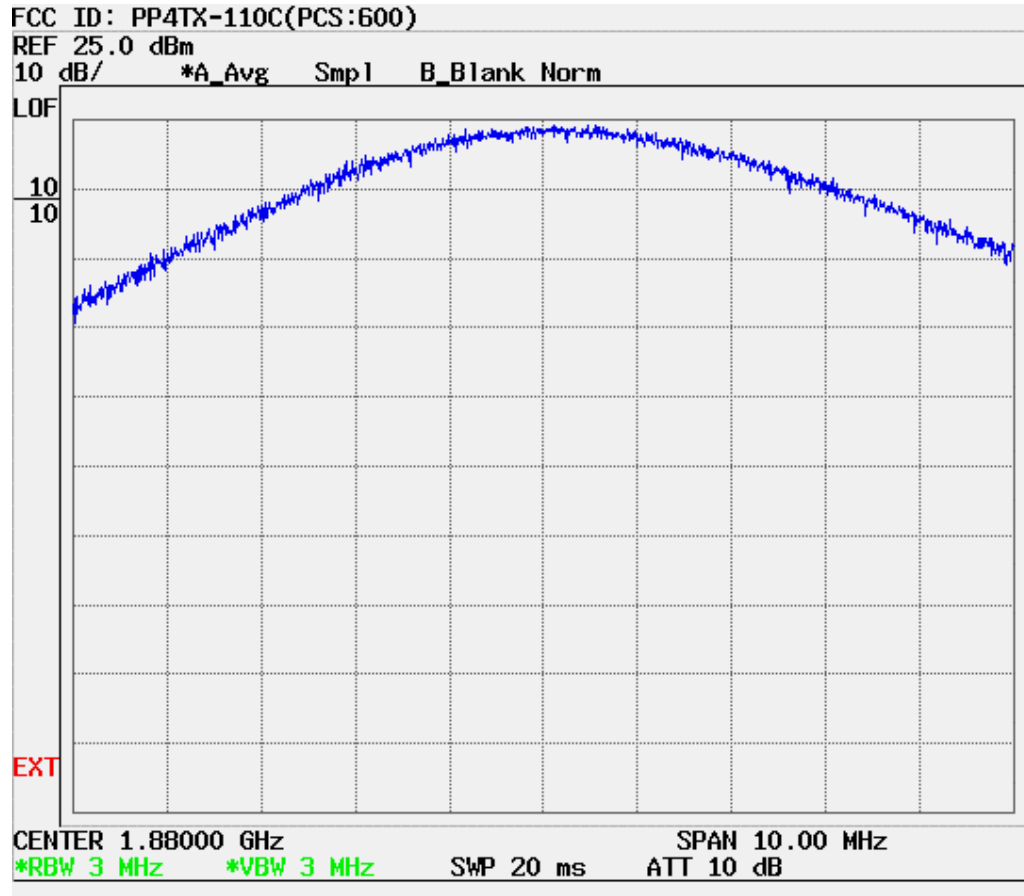
CDMA (0777 CH) Test Mode: POWER OUT



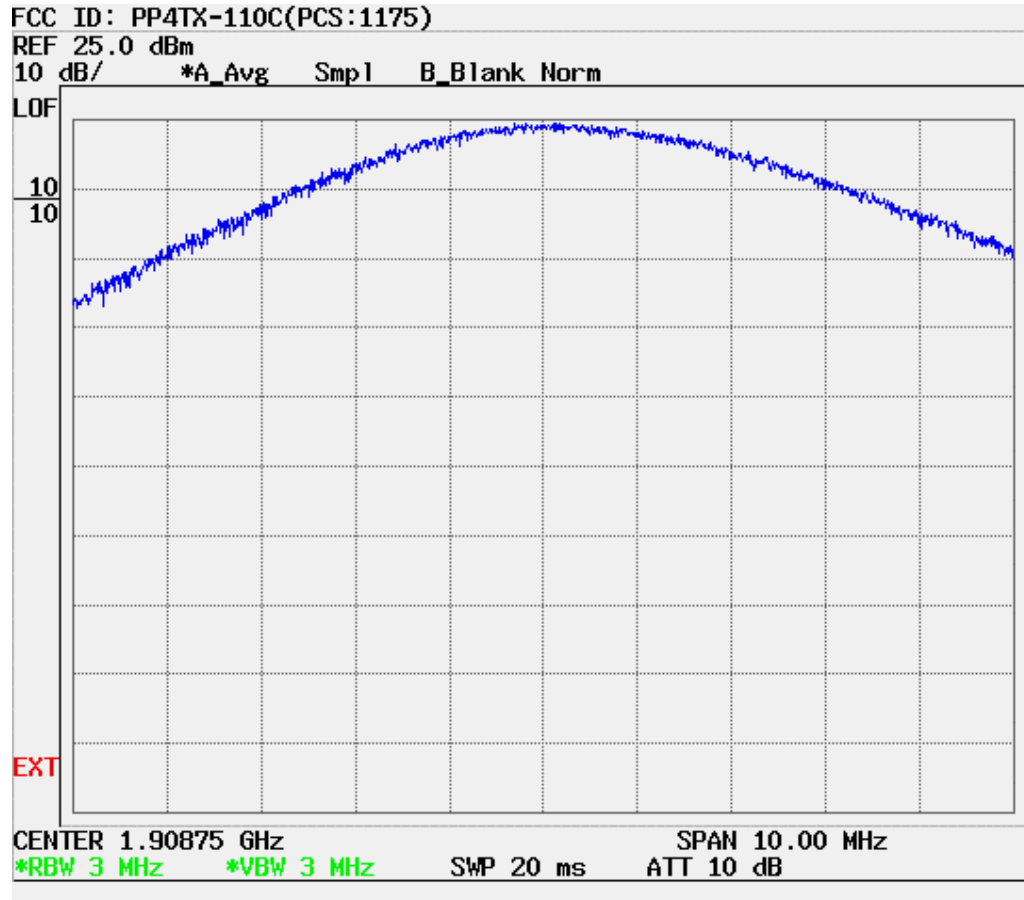
PCS CDMA (0025 CH) Test Mode: POWER OUT

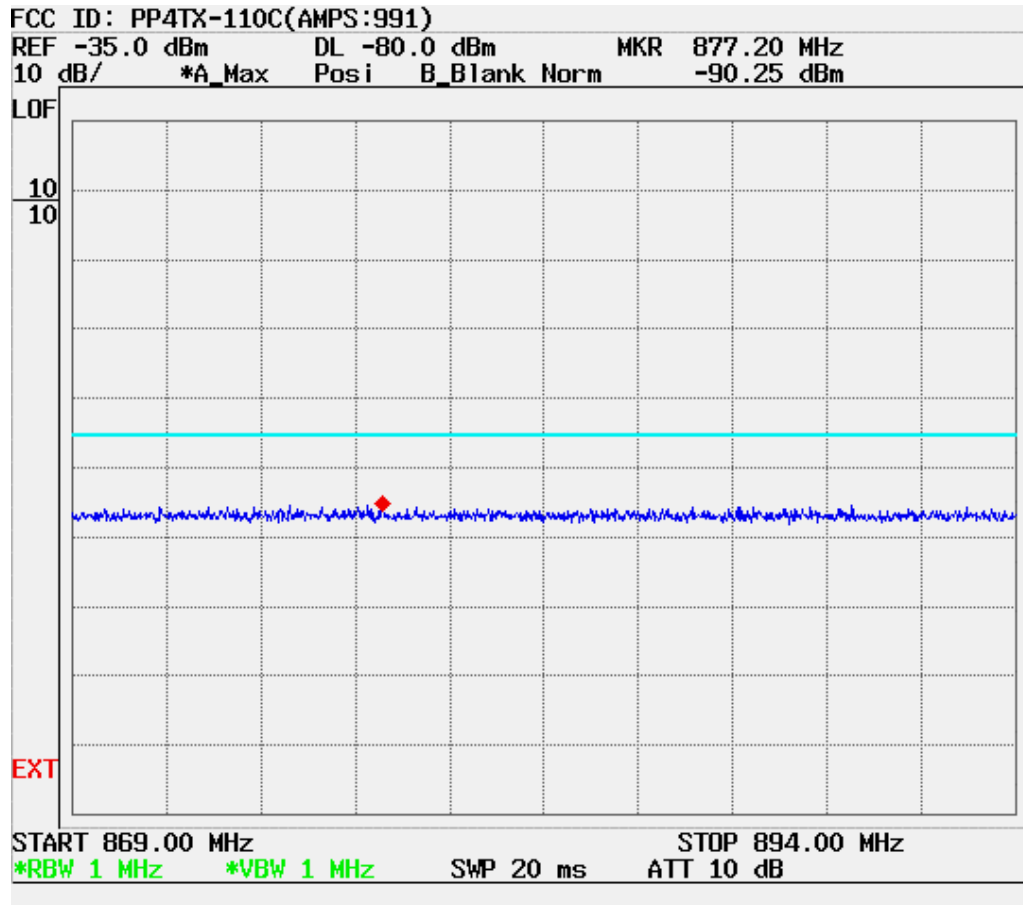


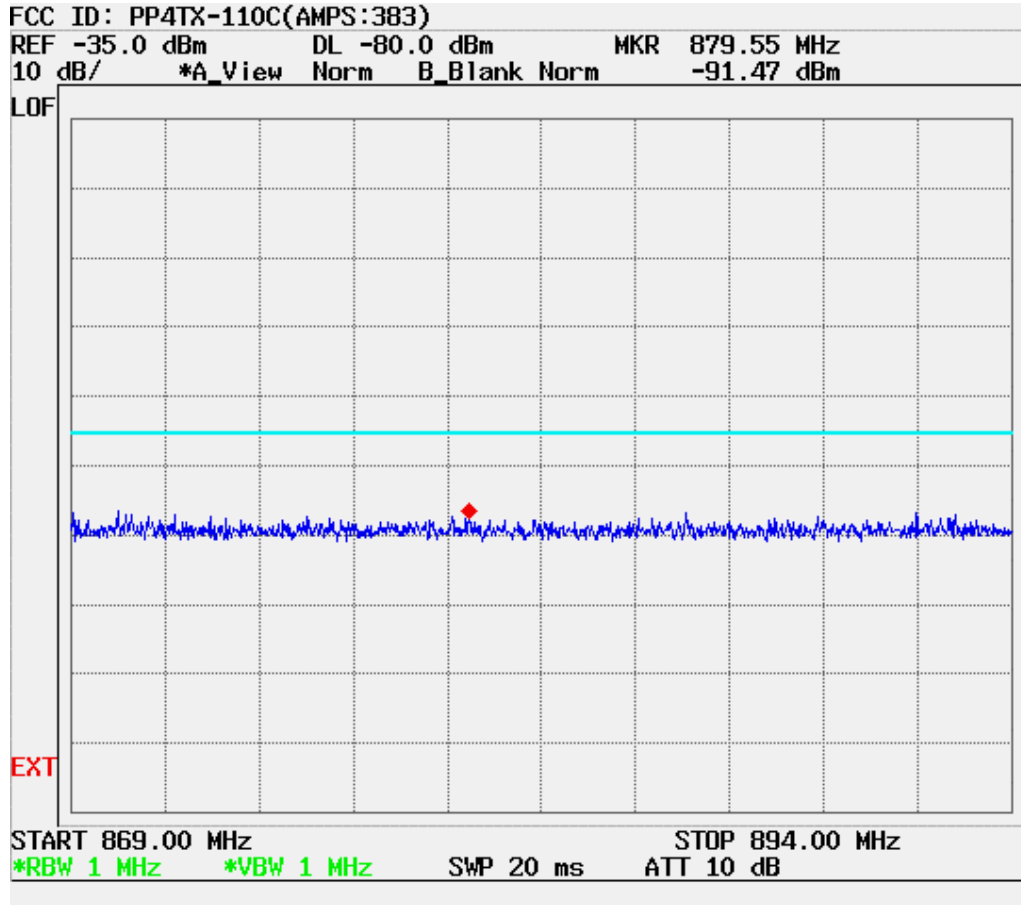
PCS CDMA (0600 CH) Test Mode: POWER OUT



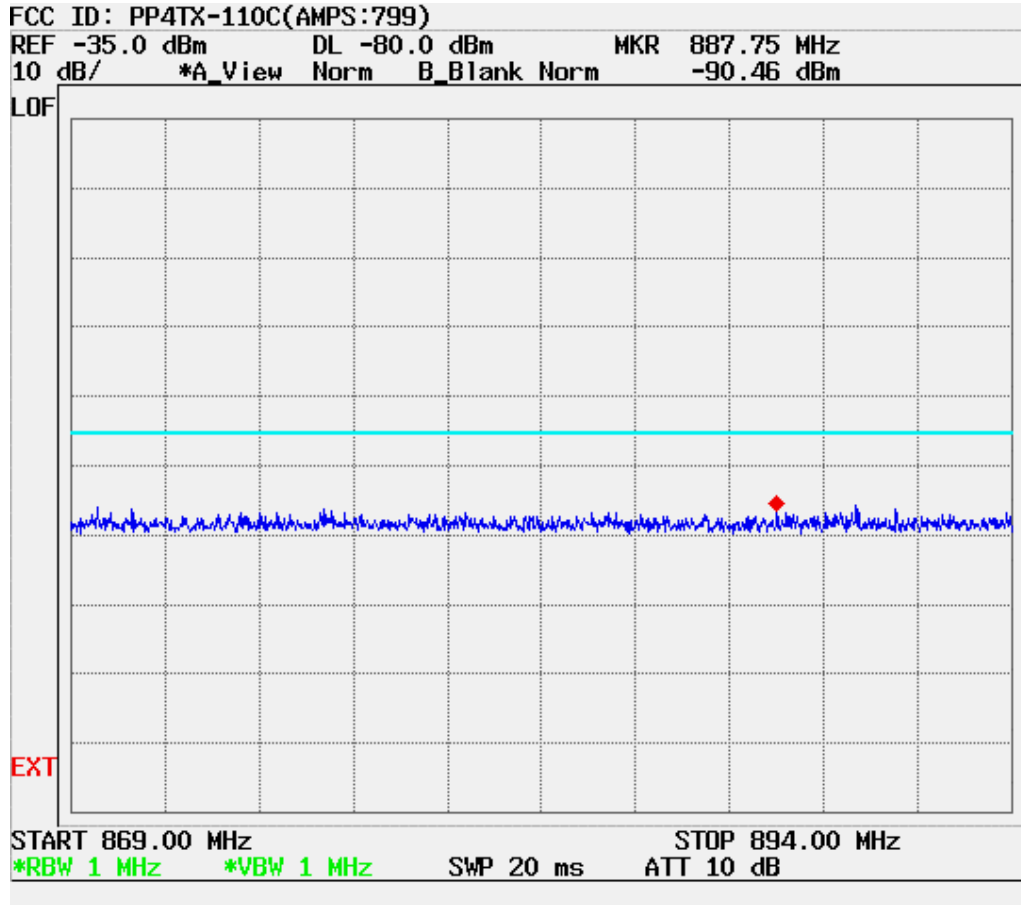
PCS CDMA (1175 CH) Test Mode: POWER OUT

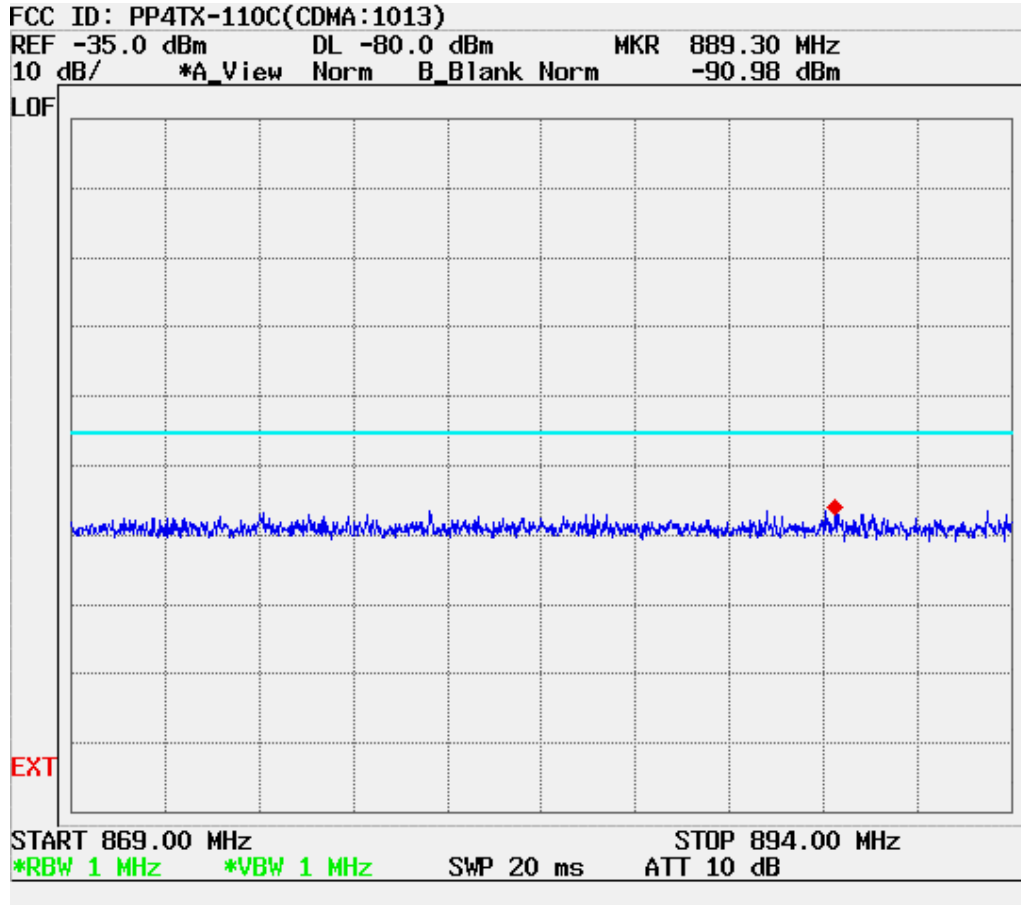


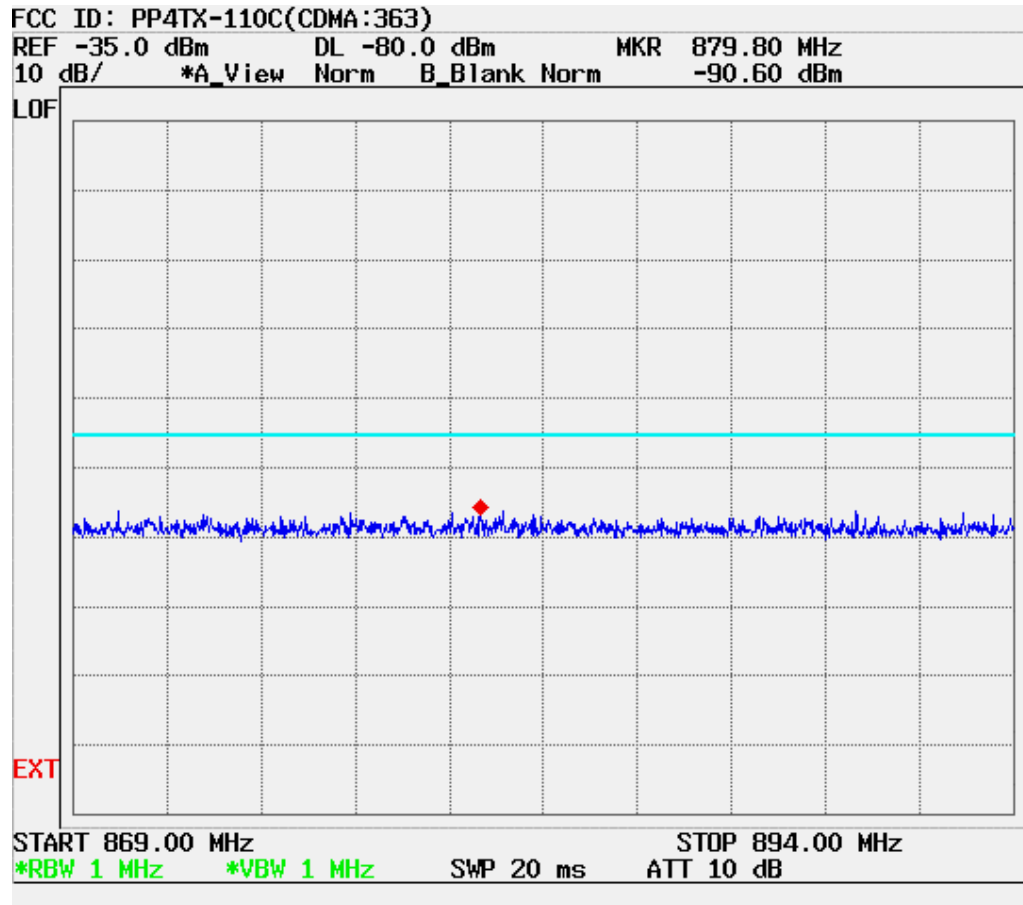


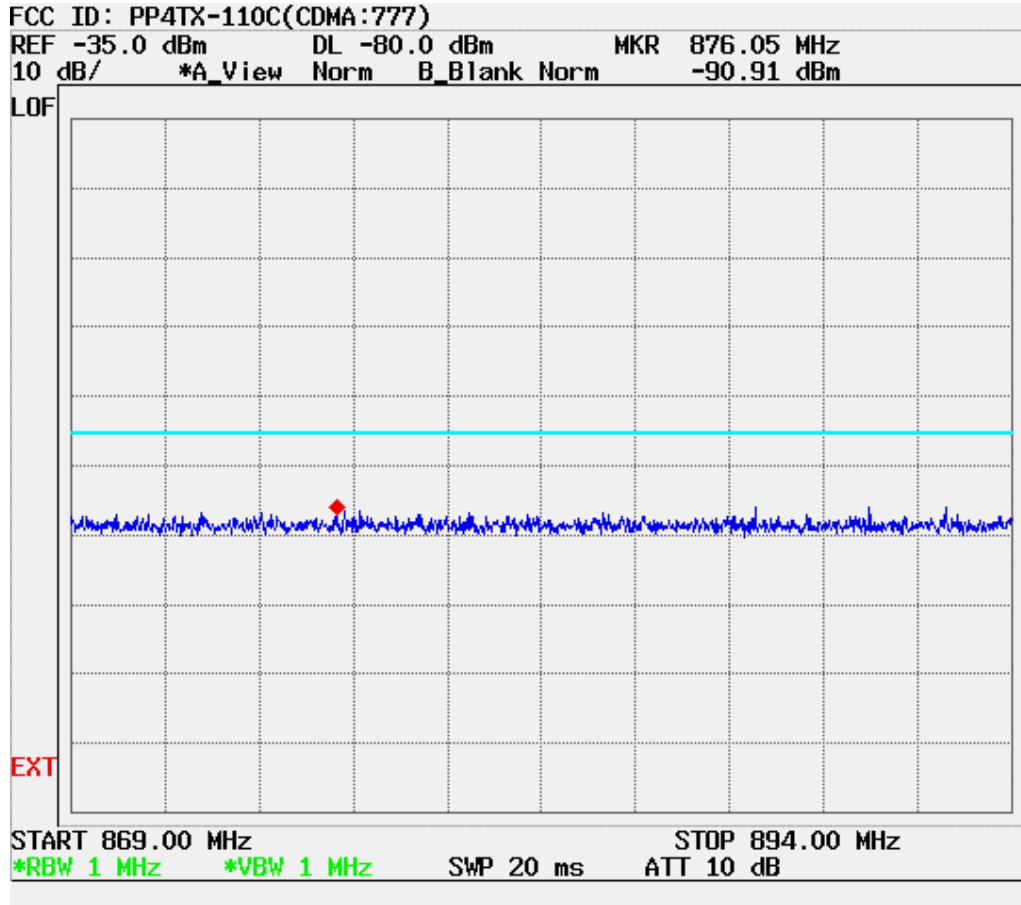












## Modulation Limiting

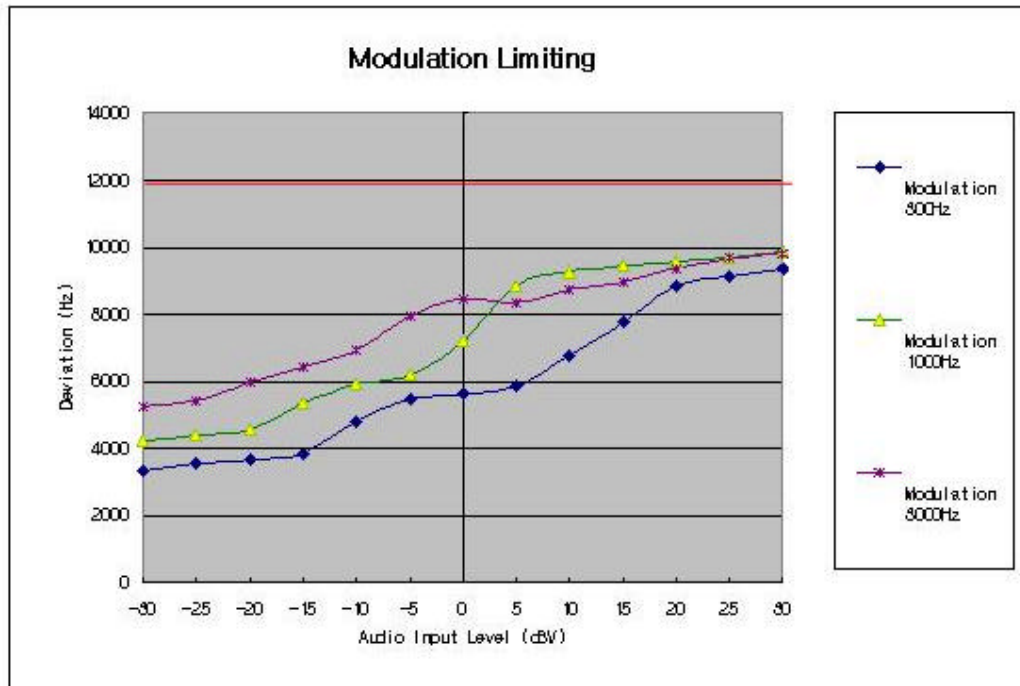
**SUBJECT: Modulation Characteristics(FCC Part 22)**

**FCC ID: PP4TX-110C**

**EUT: Hyundai Cuitel Inc, Tri-Mode Phone**

REFERENCE: 1KHz = 0 dB

Input(dBV)	Modulation		
	300Hz	1000Hz	3000Hz
30	9360	9850	9820
25	9140	9710	9670
20	8860	9560	9380
15	7770	9460	8970
10	6780	9280	8750
5	5860	8870	8360
0	5630	7200	8470
-5	5470	6190	7950
-10	4820	5920	6930
-15	3860	5360	6450
-20	3670	4570	5970
-25	3560	4390	5430
-30	3370	4250	5280



### Frequency Response of Audio Low Pass Filter

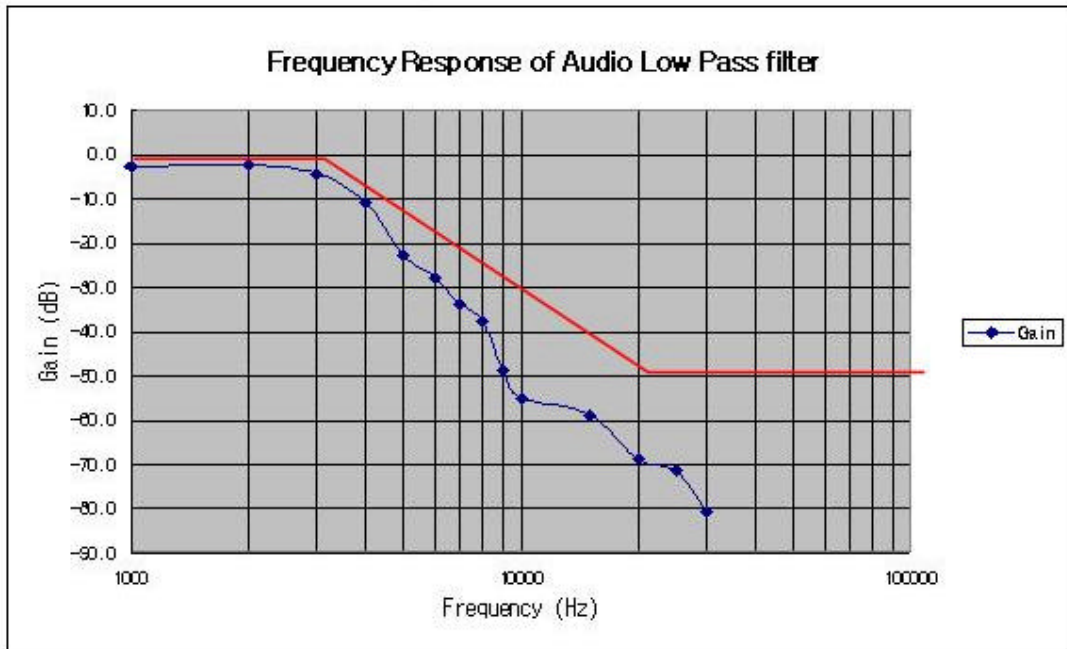
**SUBJECT: Modulation Characteristics(FCC Part 22)**

**FCC ID: PP4TX-110C**

**EUT: Hyundai Curitel Inc, Tri-Mode Phone**

REFERENCE: 1KHz = 0 dB

Frequency (Hz)	Gain (dB)
1000	-2.7
2000	-2.3
3000	-4.2
4000	-10.6
5000	-22.7
6000	-27.6
7000	-33.8
8000	-37.6
9000	-48.7
10000	-54.9
15000	-58.7
20000	-68.9
25000	-71.4
30000	-80.6



### Transmitter Audio Frequency Response

SUBJECT: Modulation Characteristics(FCC Part 22)

FCC ID: PP4TX-110C

EUT: Hyundai Curitel Inc, Tri-Mode Phone

REFERENCE: 1KHz = 0 dB

Frequency (Hz)	Input Level (dB)
300	-12,4
800	-2,6
1000	0,0
1300	2,3
1800	4,7
2300	7,0
2800	7,3
3000	6,2
3000	-4,7
4000	-28,6
5000	-36,7
5900	-40,1
5900	-43,5
6100	-44,7
8000	-46,3
10000	-46,5
12000	-46,8
15000	-47,6
18000	-47,4
20000	-48,2

