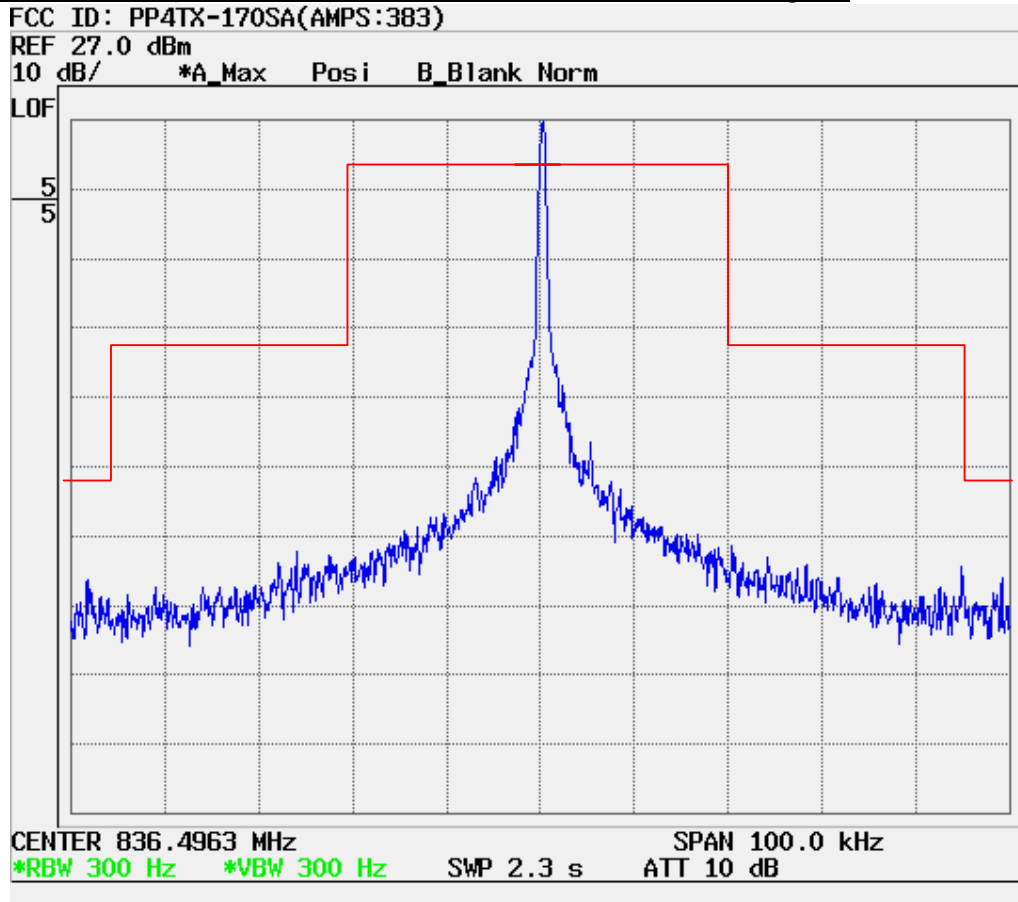
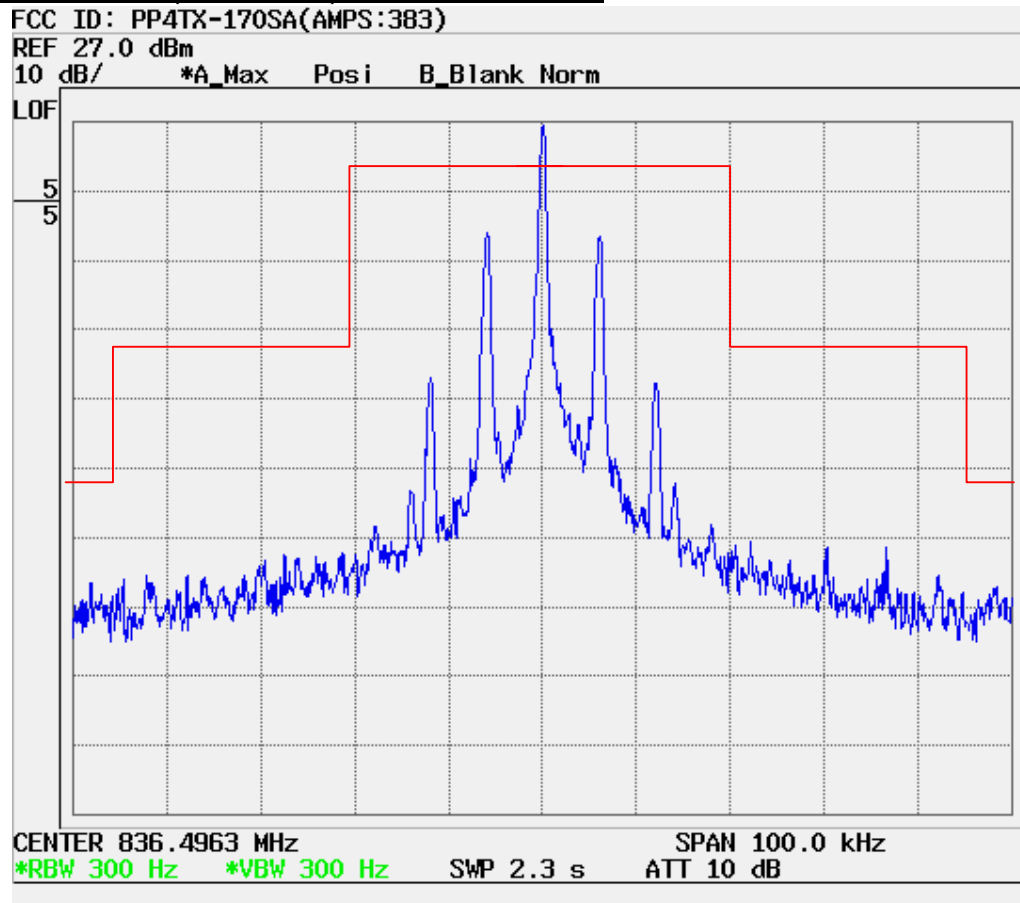


ATTACHMENT D – TEST PLOTS

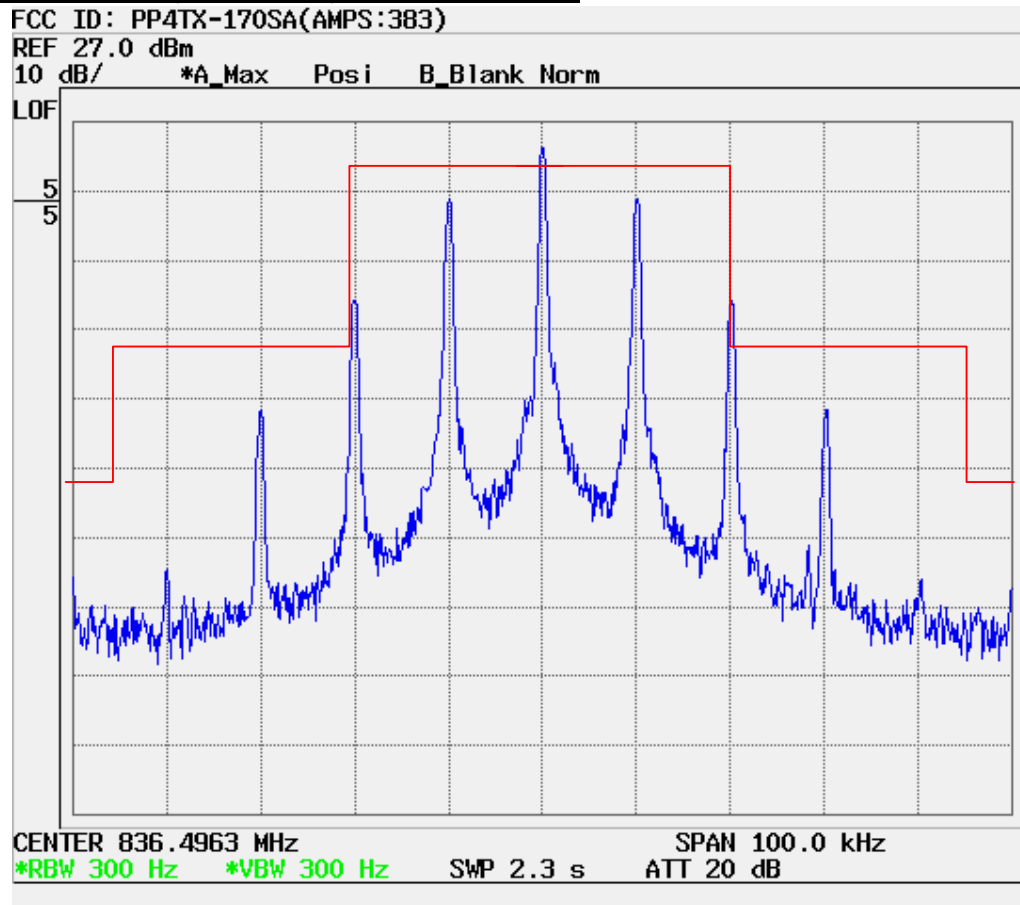
■ AMPS MODE (0383 CH.) Test Mode: Unmodulated Signal



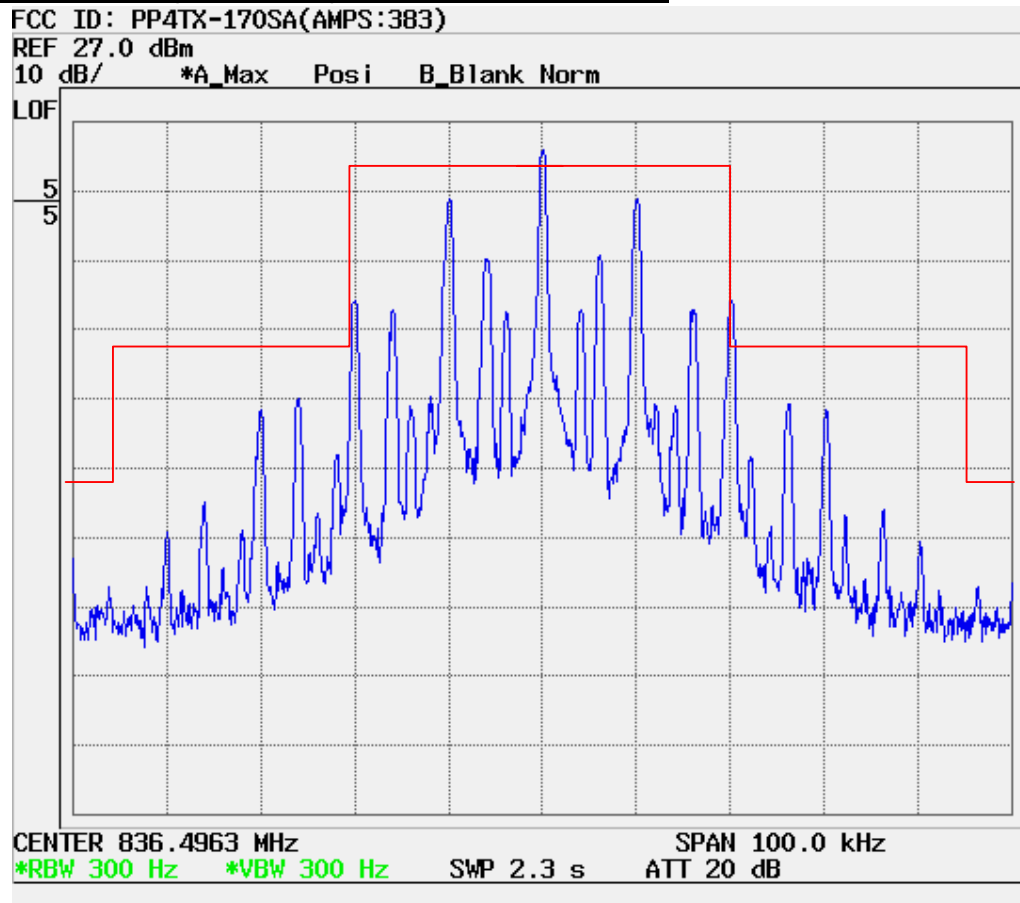
■ AMPS MODE (0383 CH.) Test Mode: SAT



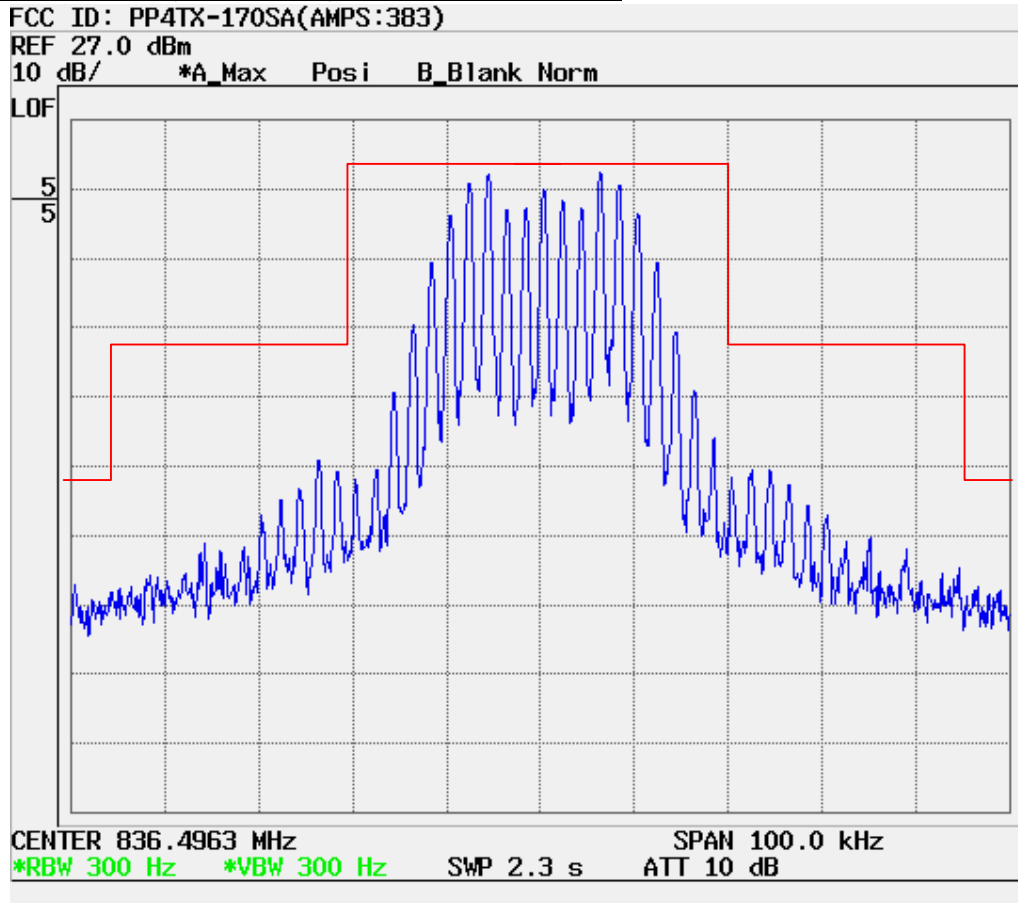
■ AMPS MODE (0383 CH.) Test Mode: ST



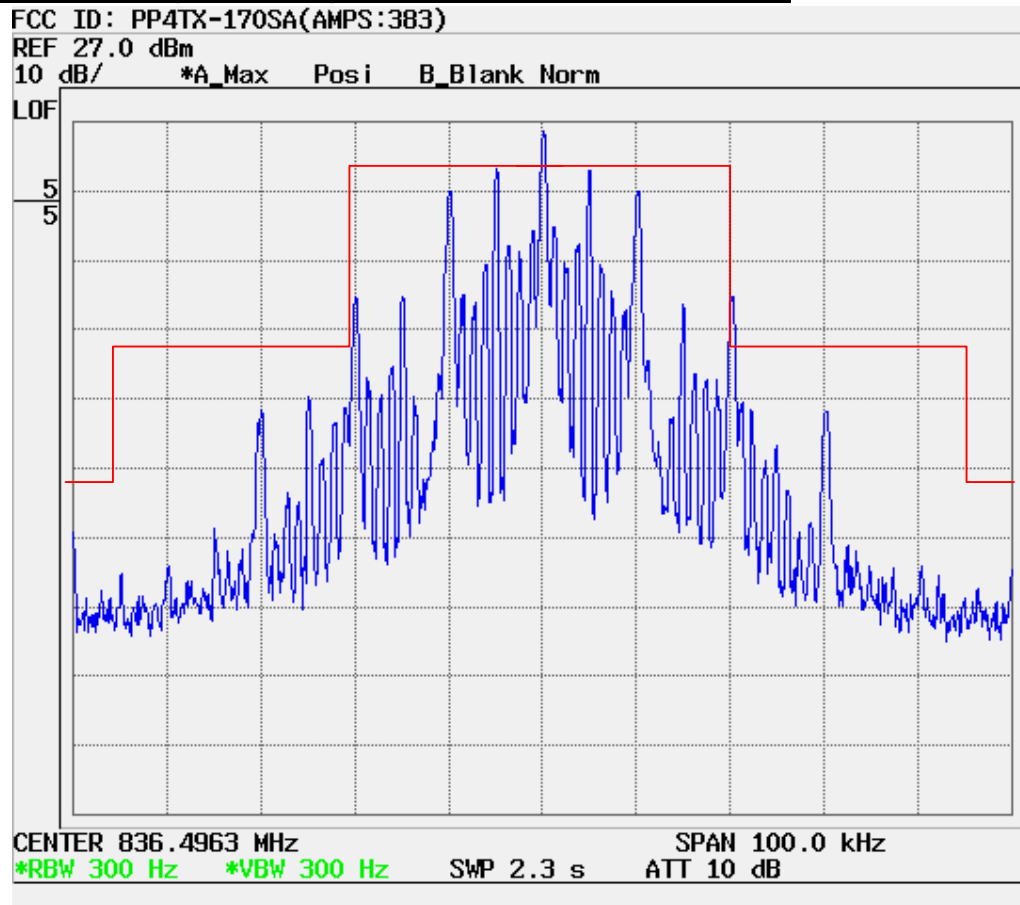
■ AMPS MODE (0383 CH.) Test Mode: SAT+ST



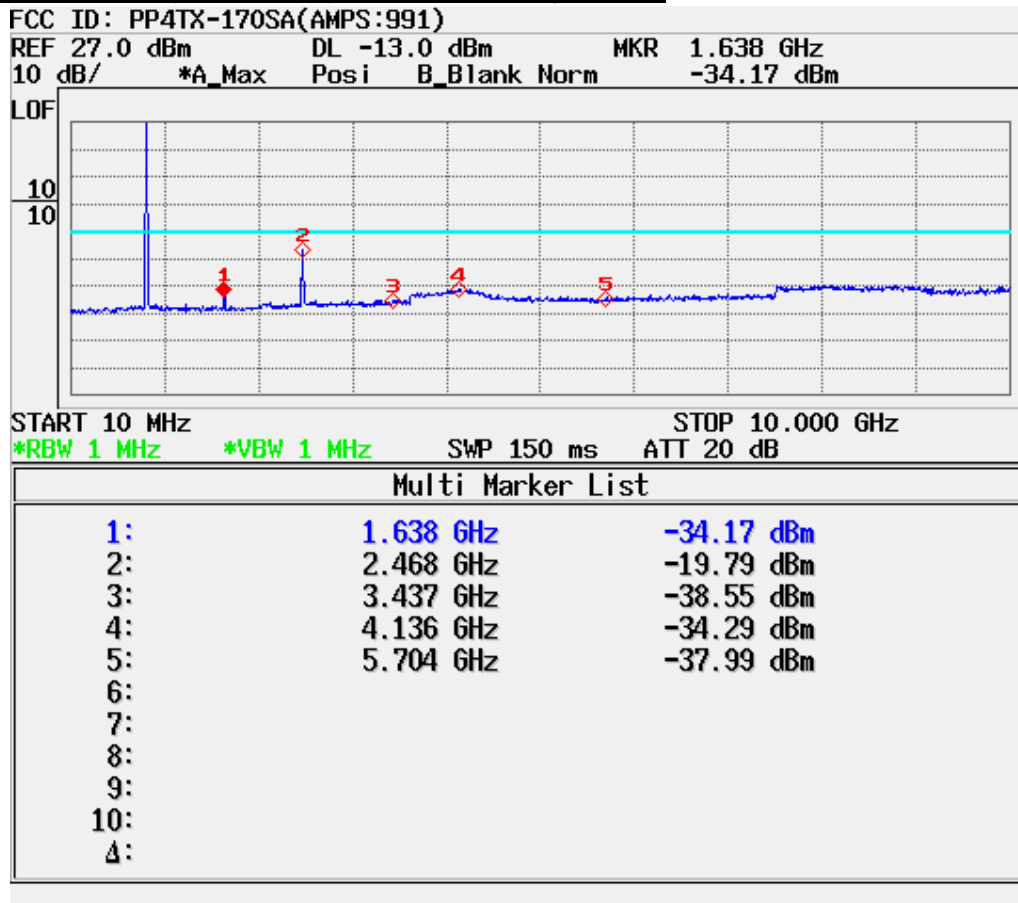
■ **AMPS MODE (0383 CH.) Test Mode: Voice**



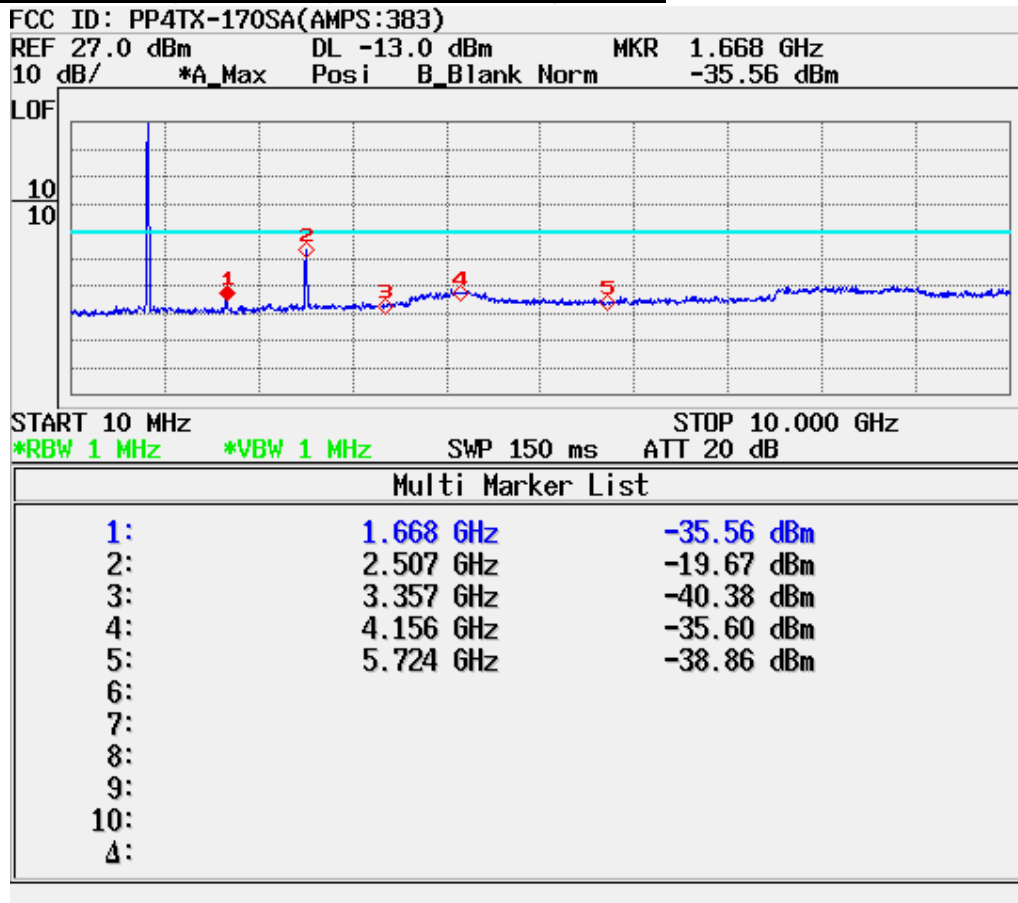
■ AMPS MODE (0383 CH.) Test Mode: Wide Band Data



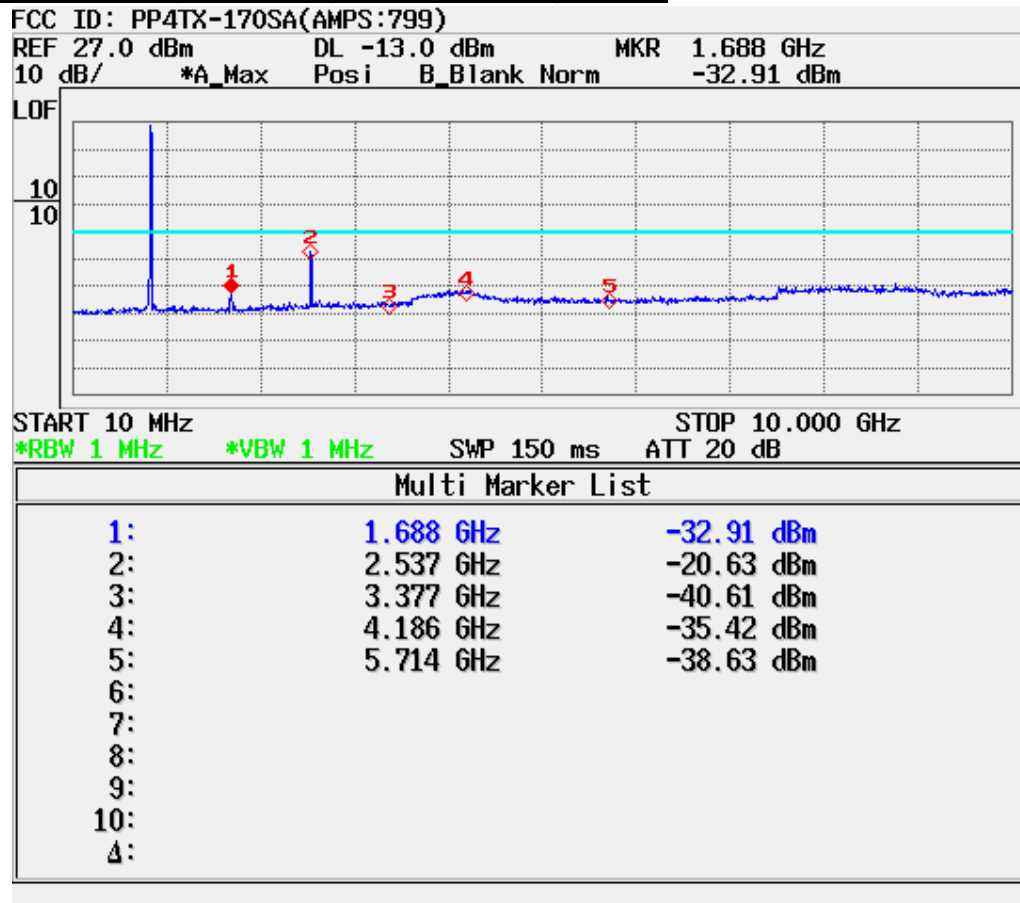
■ AMPS MODE (0991 CH.) Conducted Spurious



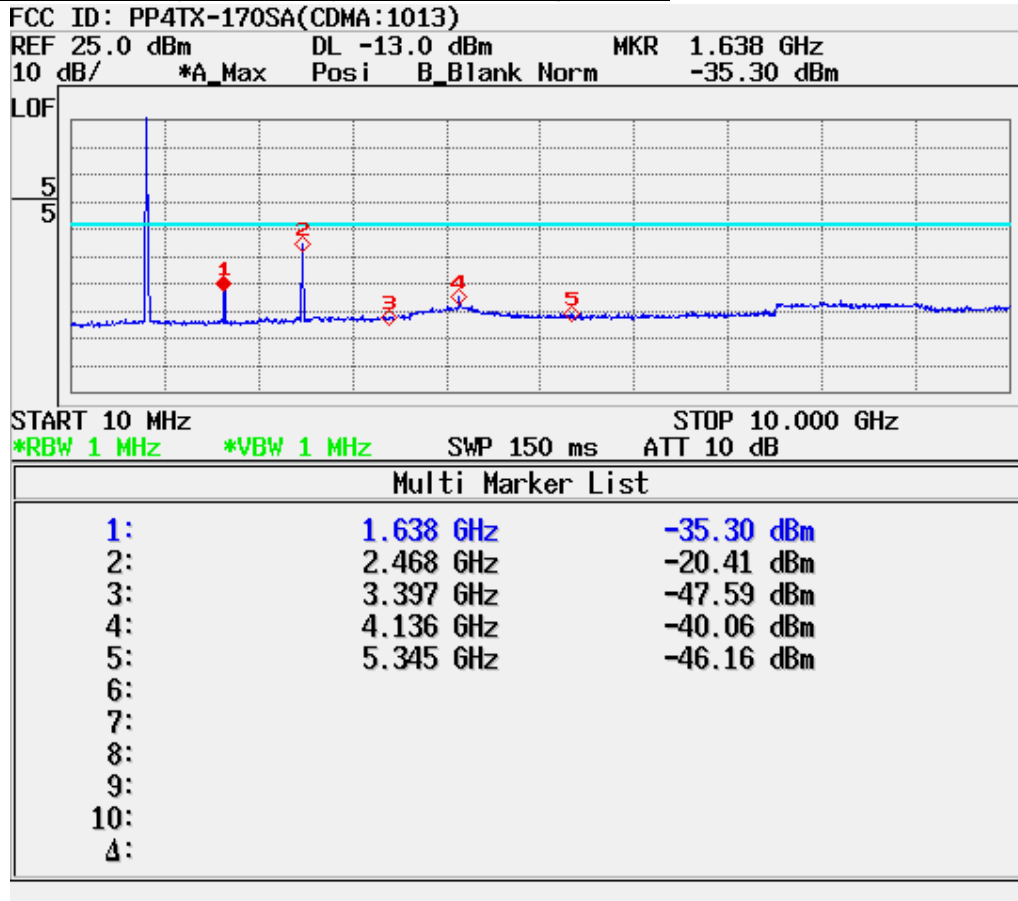
■ AMPS MODE (0383 CH.) Conducted Spurious



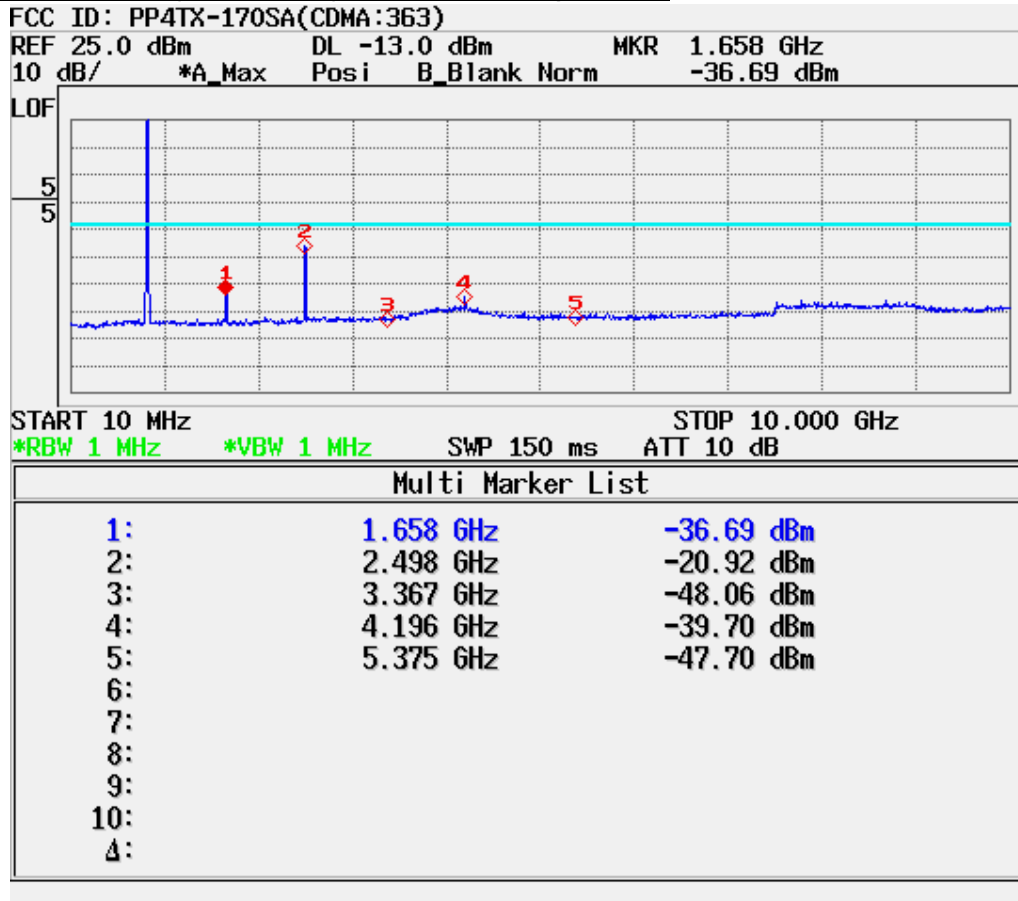
■ AMPS MODE (0799 CH.) Conducted Spurious



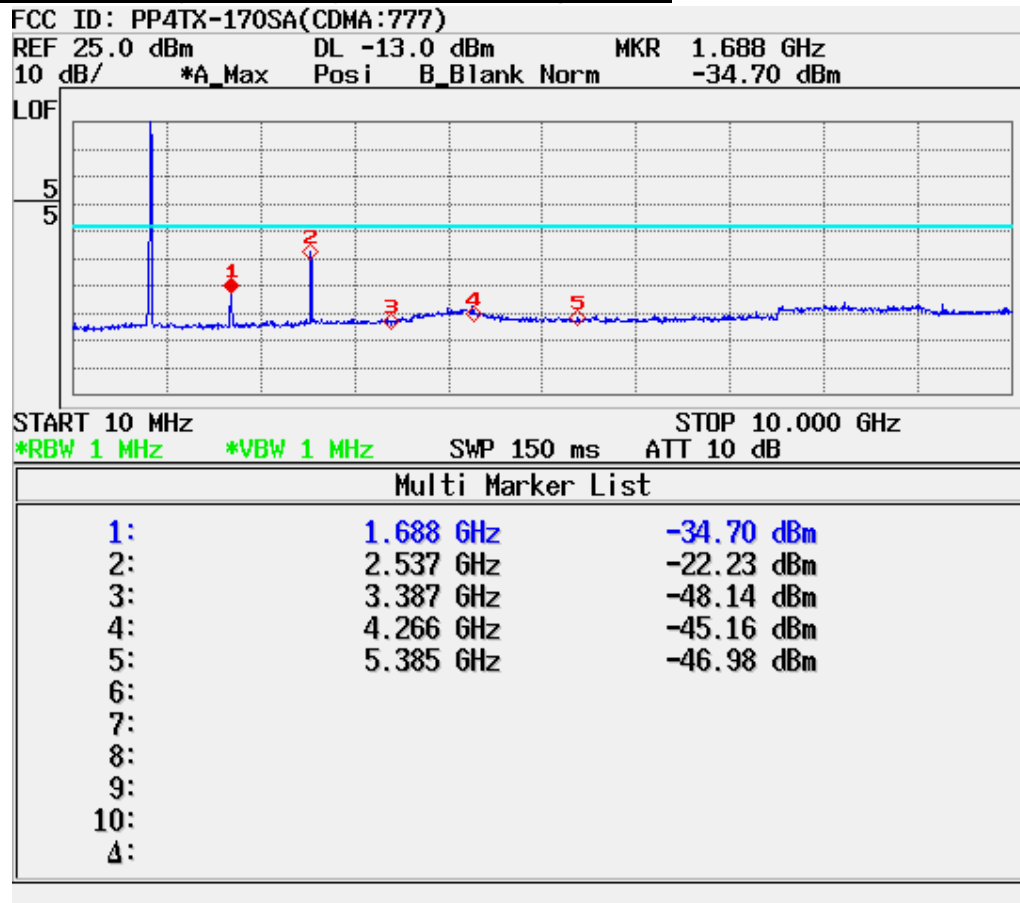
■ CDMA MODE (1013 CH.) Conducted Spurious



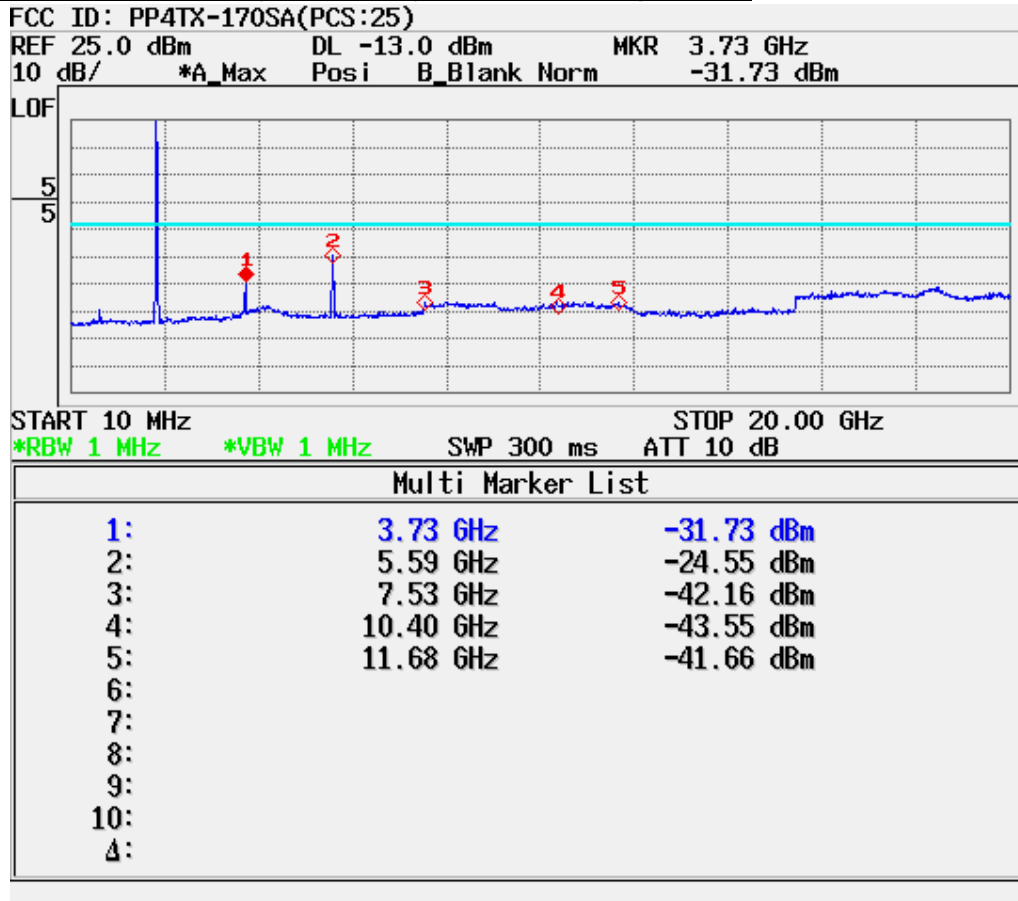
■ CDMA MODE (0363 CH.) Conducted Spurious



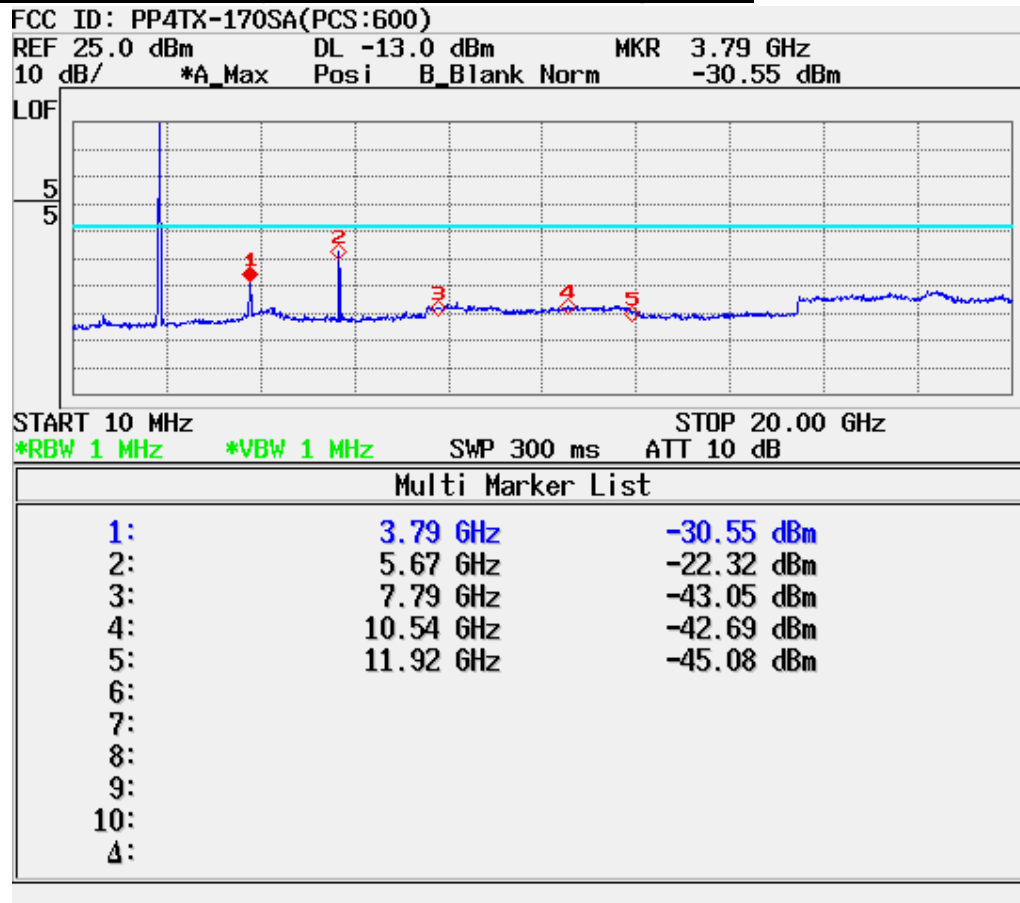
■ CDMA MODE (0777 CH.) Conducted Spurious



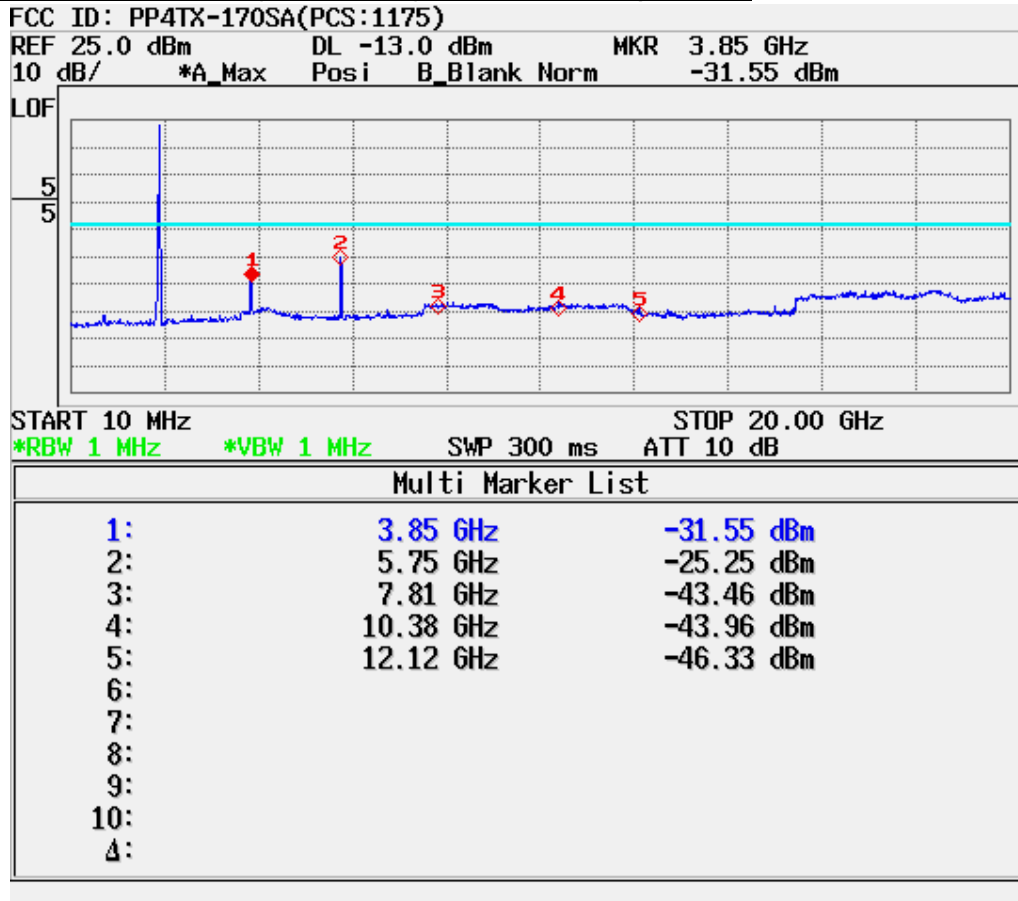
■ PCS CDMA MODE (0025 CH.) Conducted Spurious



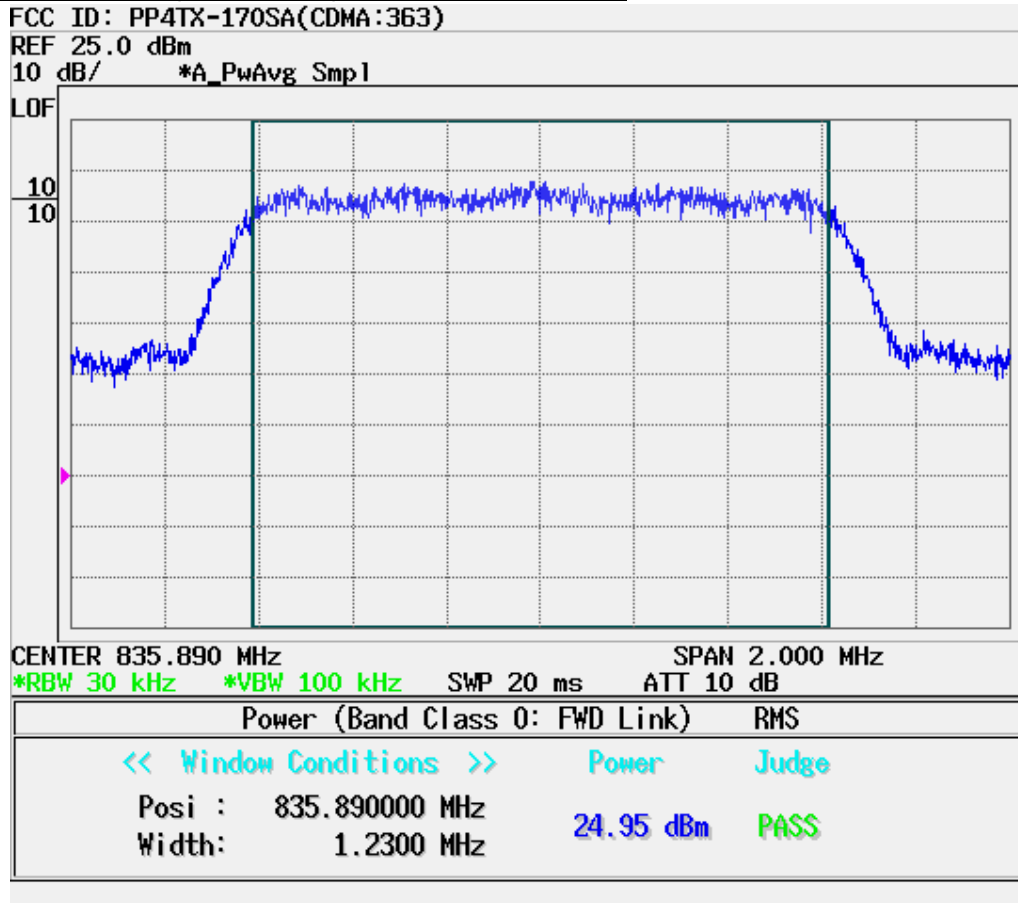
■ PCS CDMA MODE (0600 CH.) Conducted Spurious



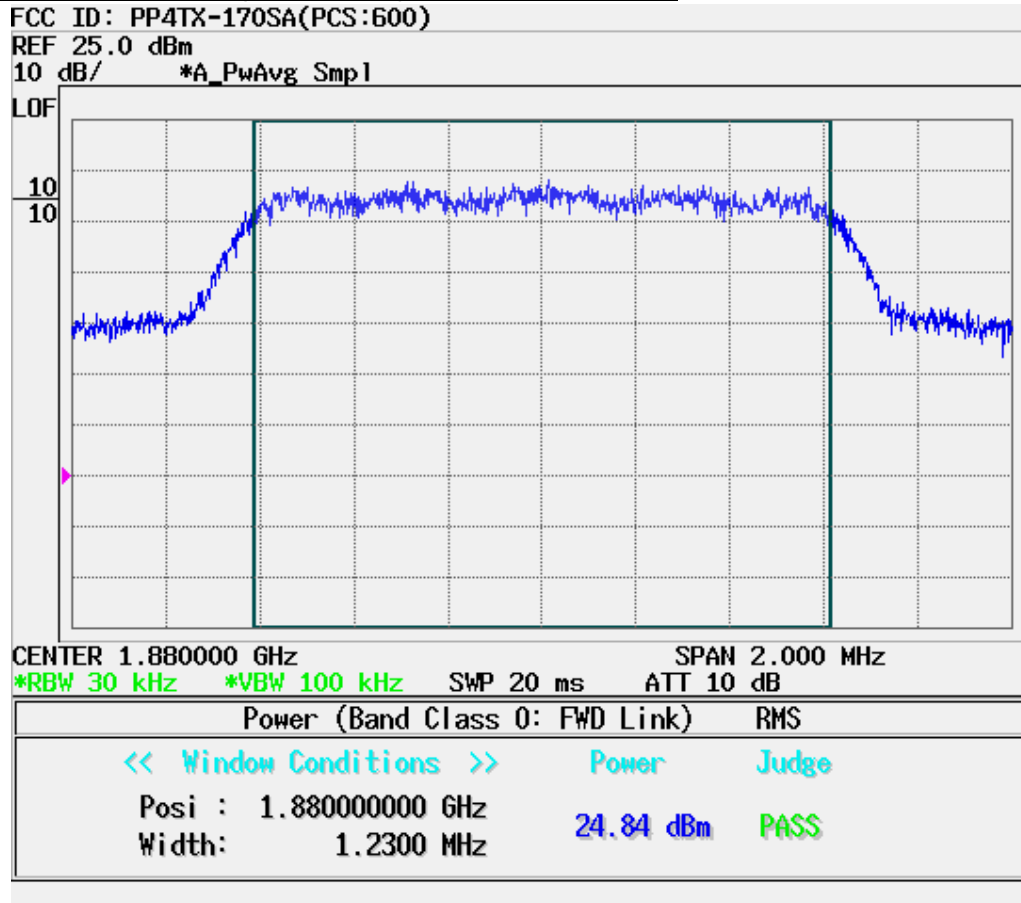
■ PCS CDMA MODE (1175 CH.) Conducted Spurious



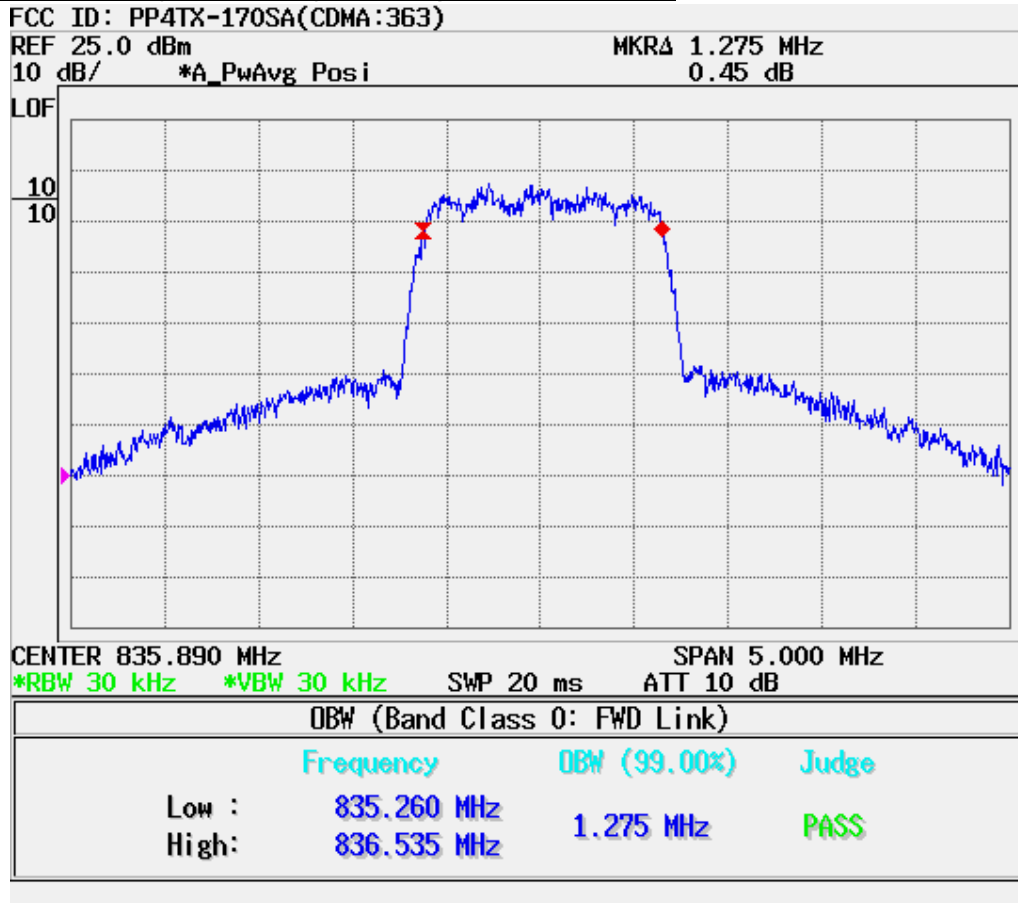
■ **CDMA MODE (0363 CH.) : Channel Power**



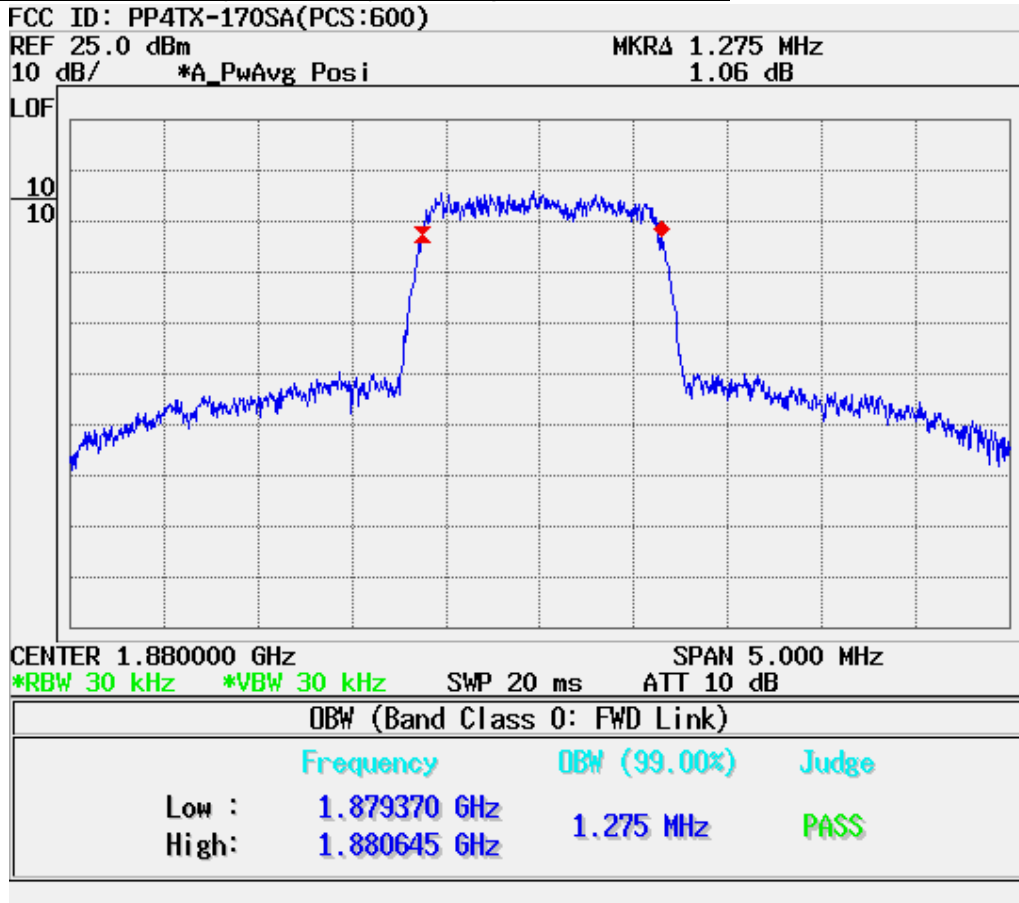
■ PCS CDMA MODE (0600 CH.) : Channel Power



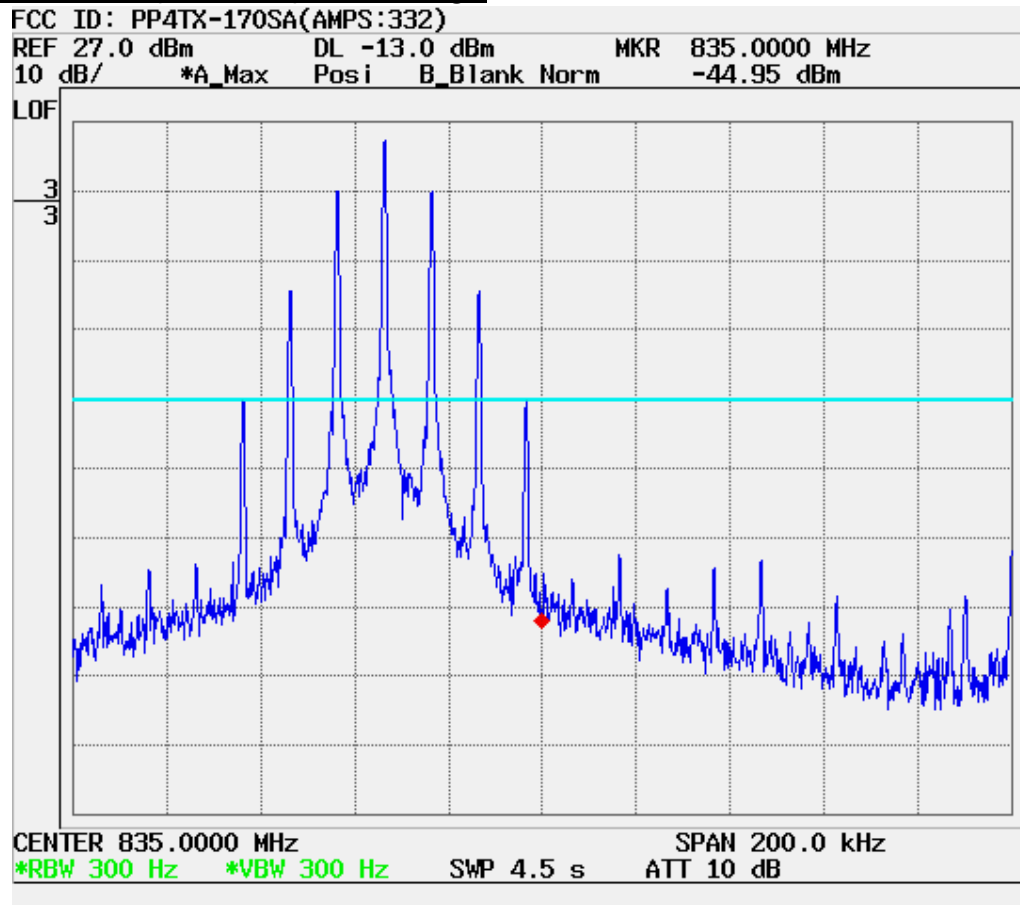
■ CDMA Mode (0363 CH.) : Occupied Bandwidth



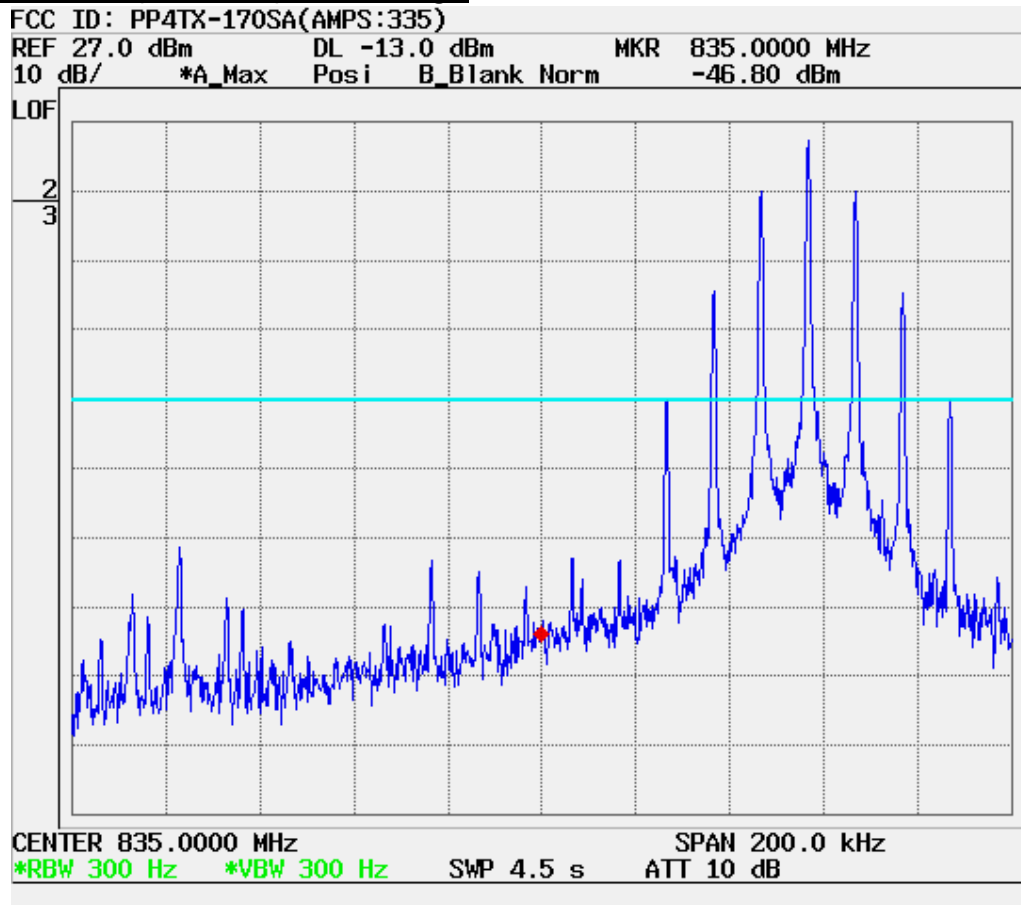
■ PCS CDMA Mode (0600 CH) : Occupied Bandwidth



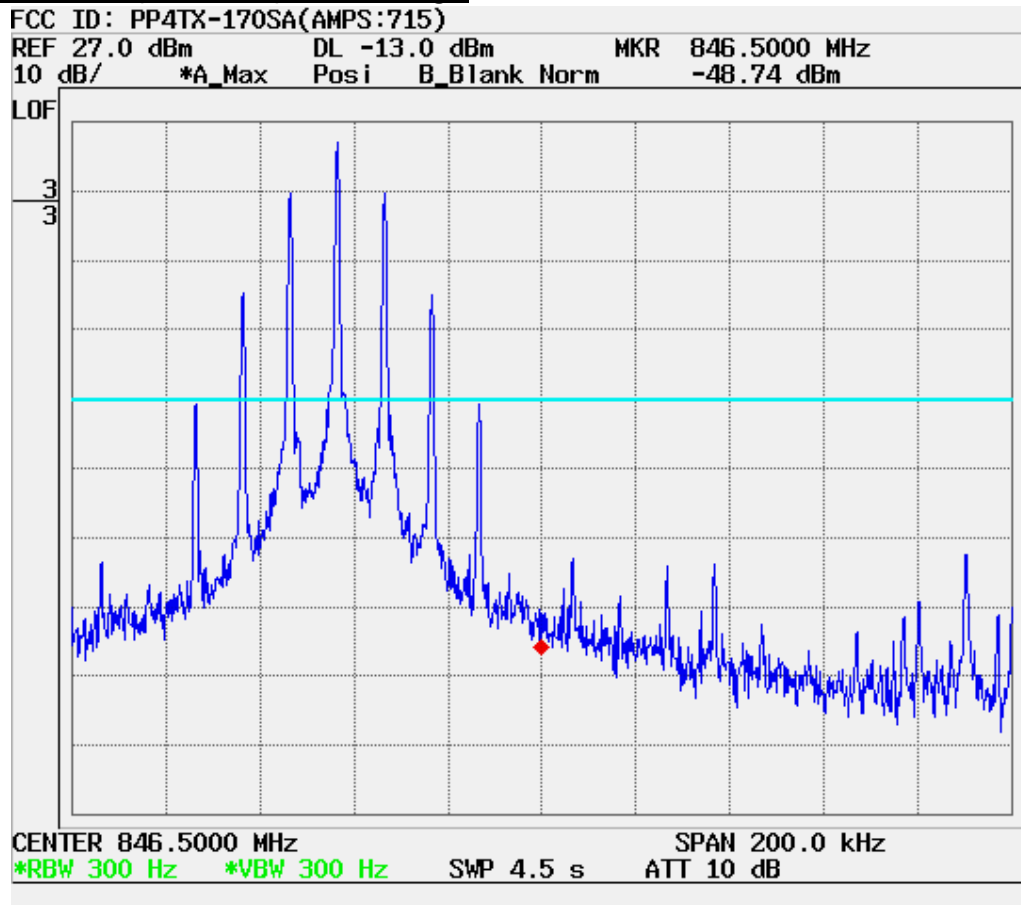
■ AMPS Mode (332 CH.) Block edge



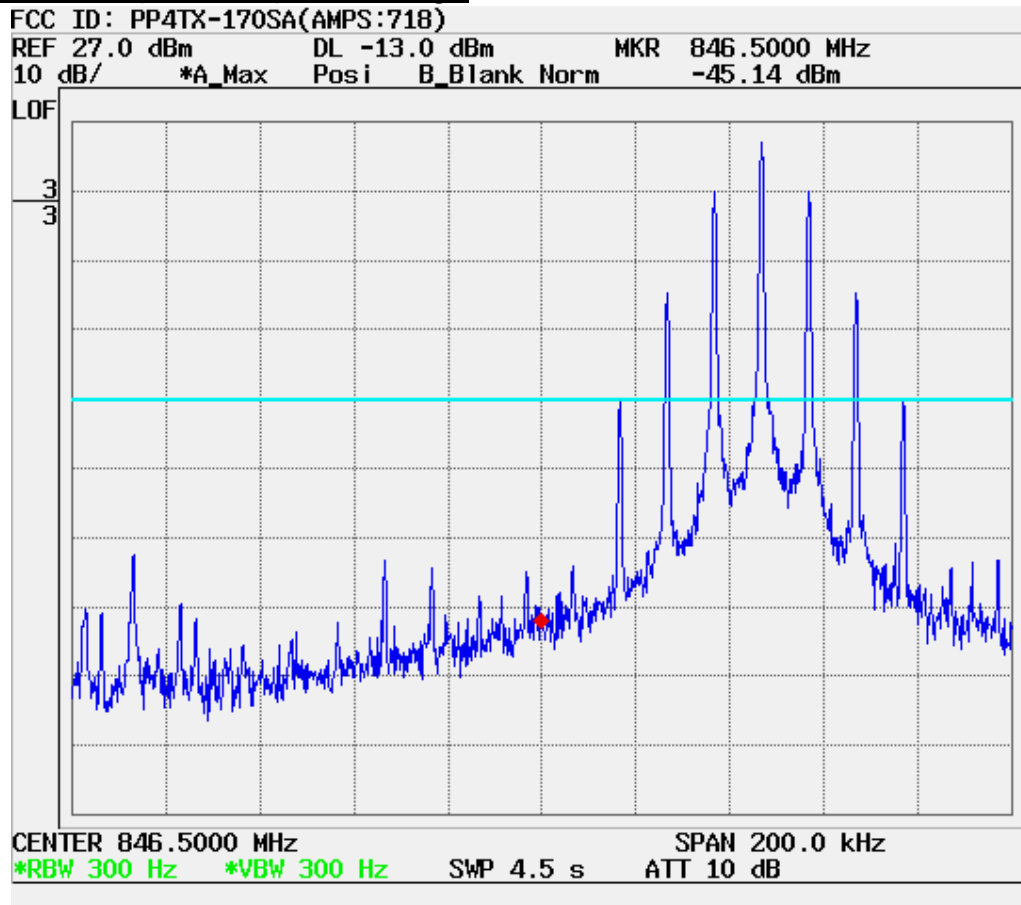
■ AMPS Mode (335 CH.) Block edge



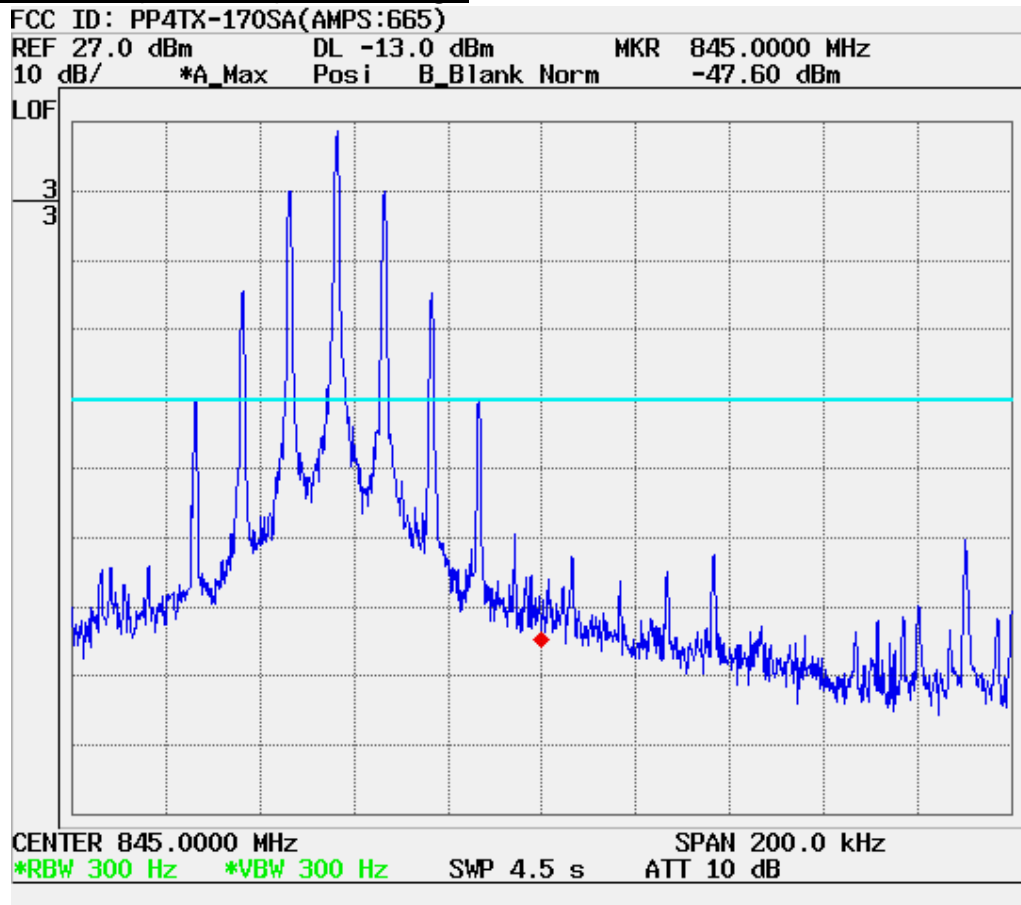
■ AMPS Mode (715 CH.) Block edge



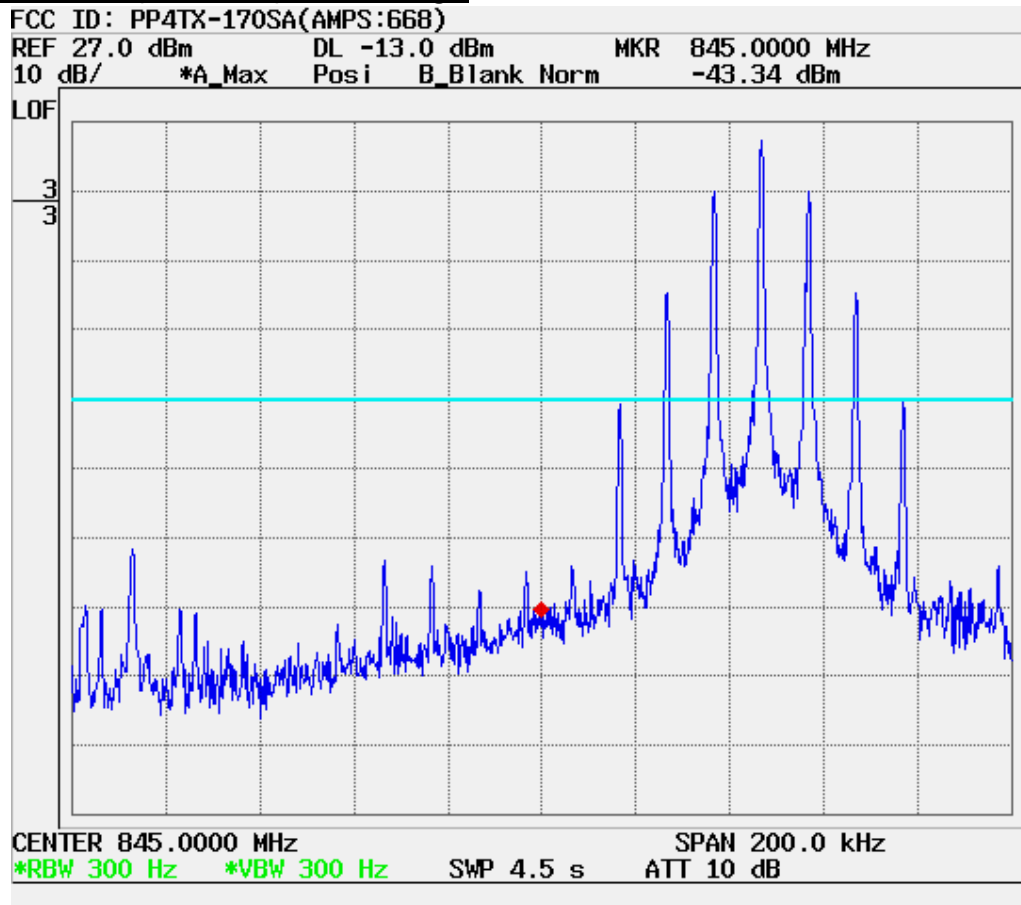
■ AMPS Mode (718 CH.) Block edge



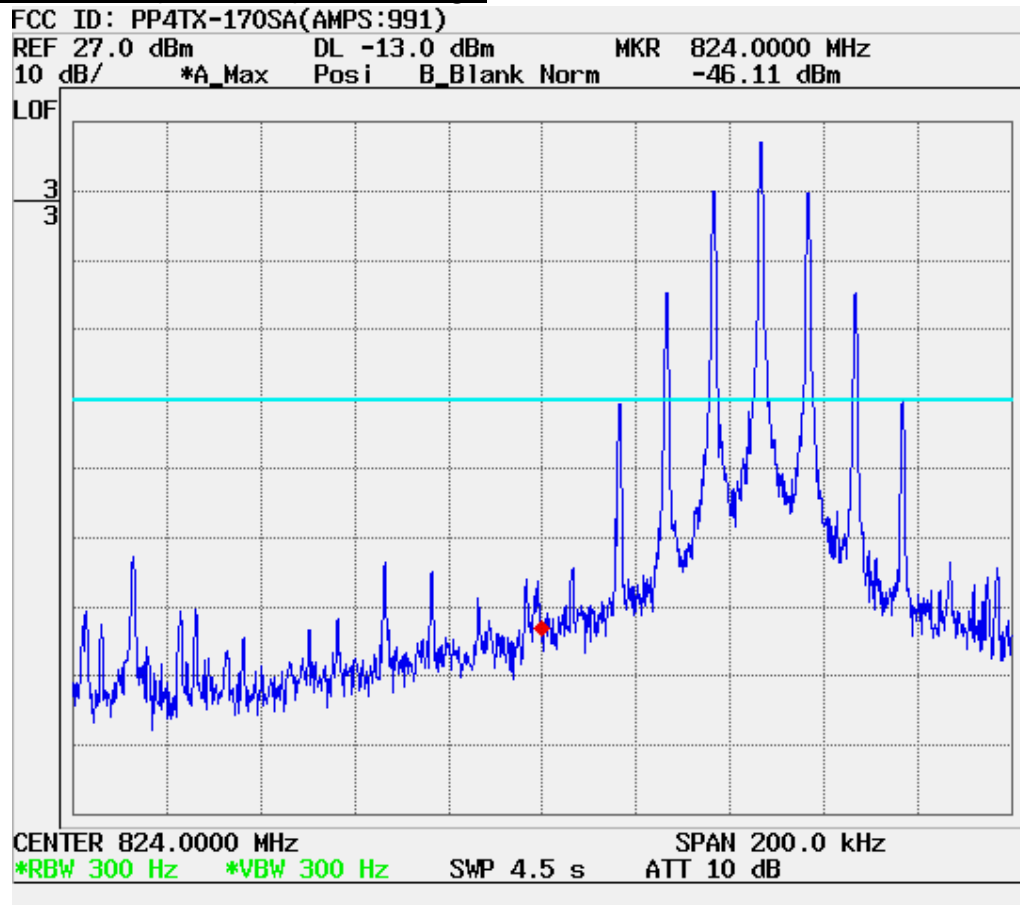
■ AMPS Mode (665 CH.) Block edge



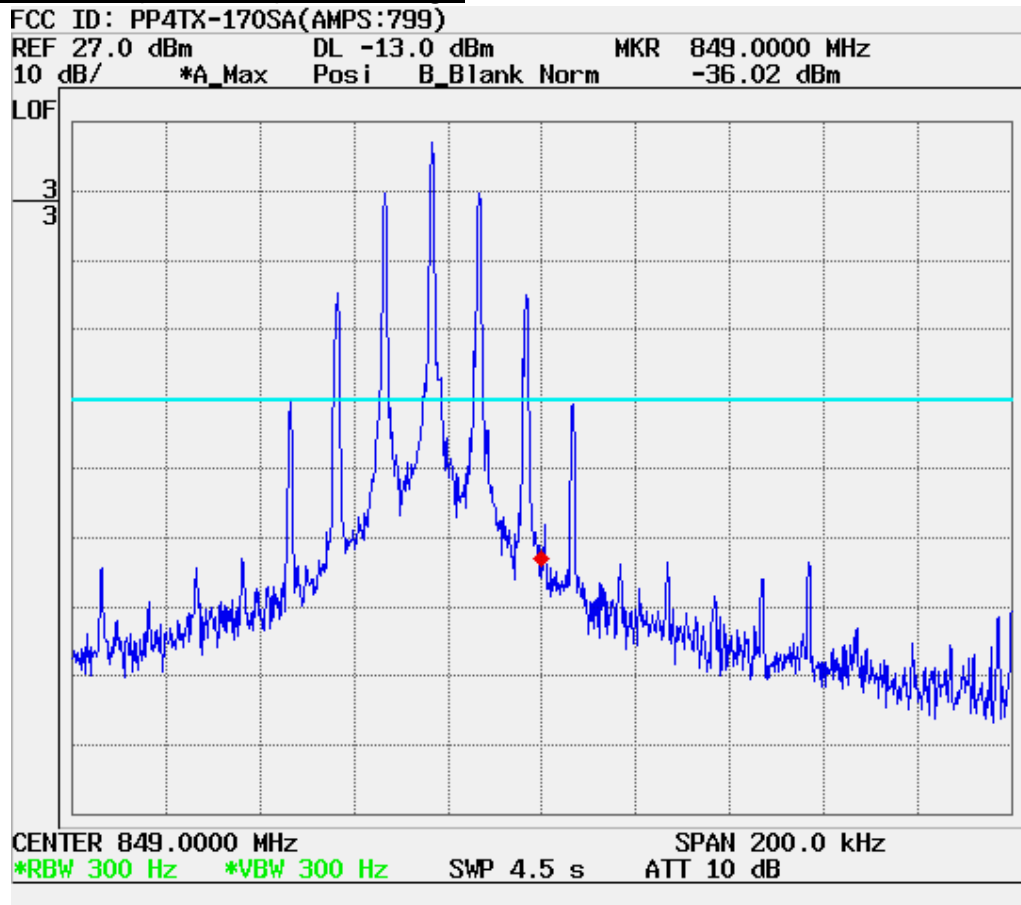
■ AMPS Mode (668 CH.) Block edge



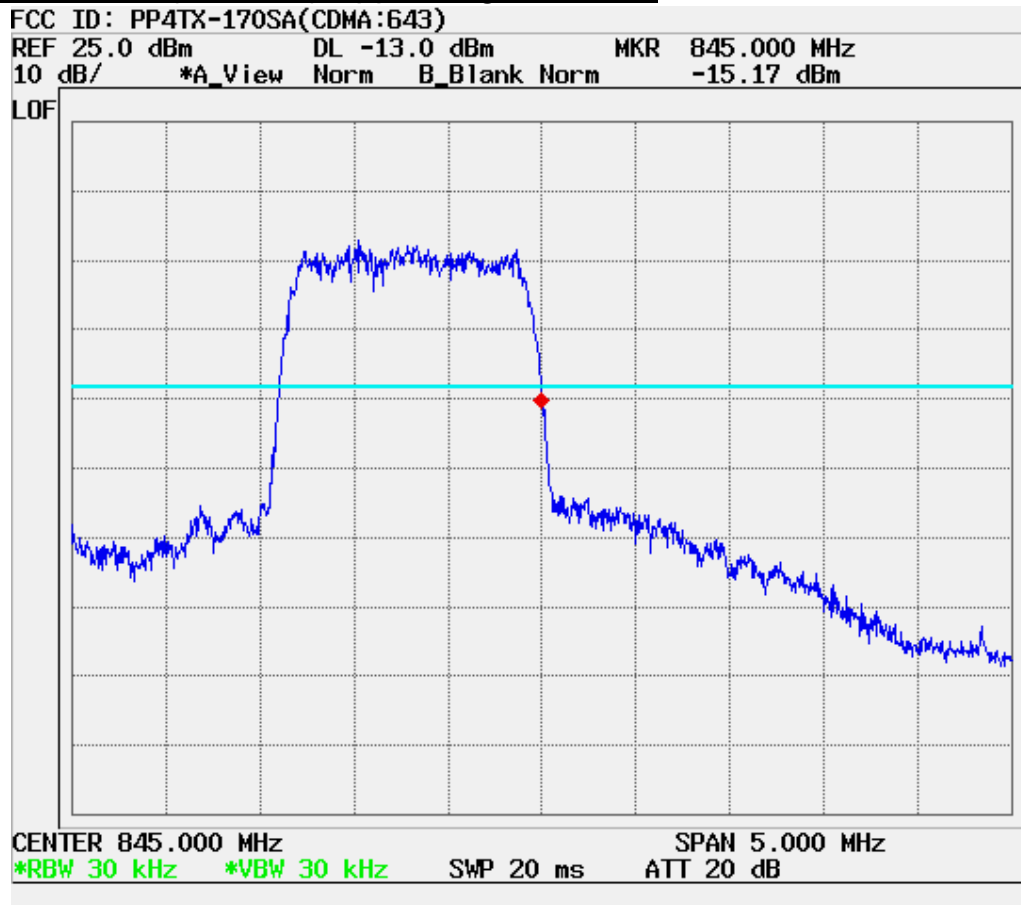
■ AMPS Mode (991 CH.) Block edge



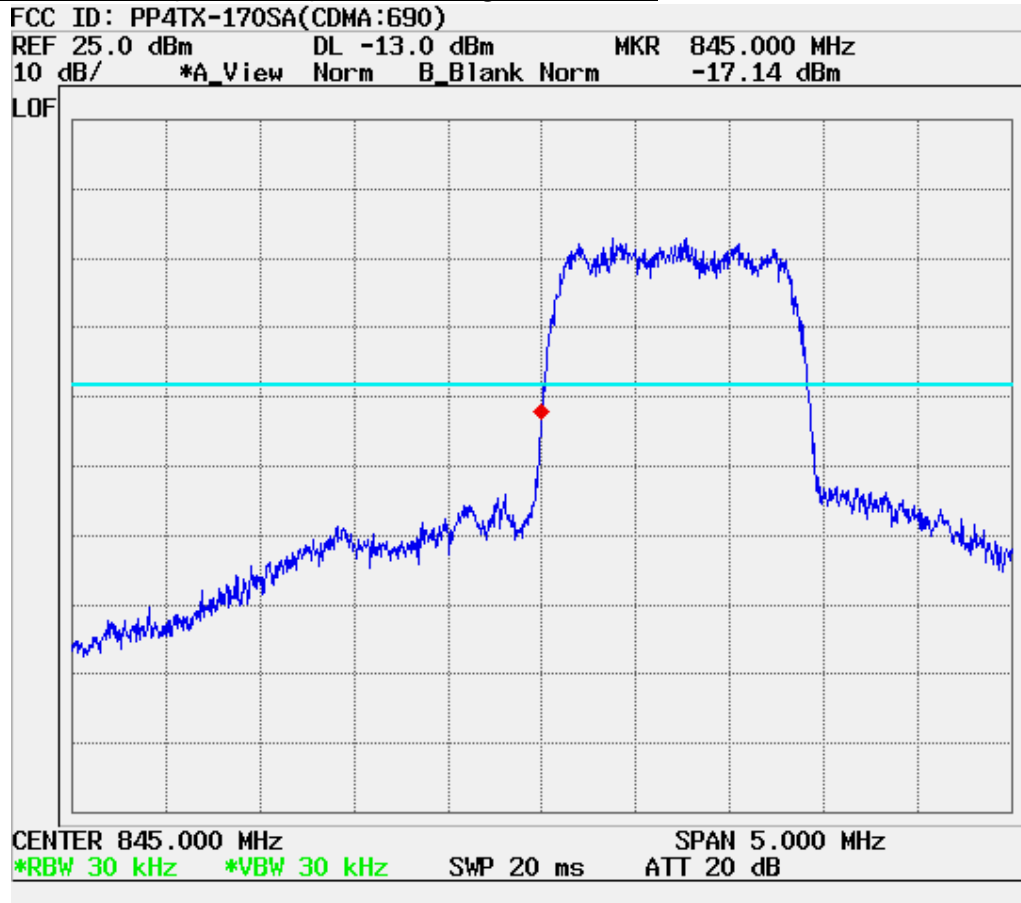
■ AMPS Mode (799 CH.) Band edge



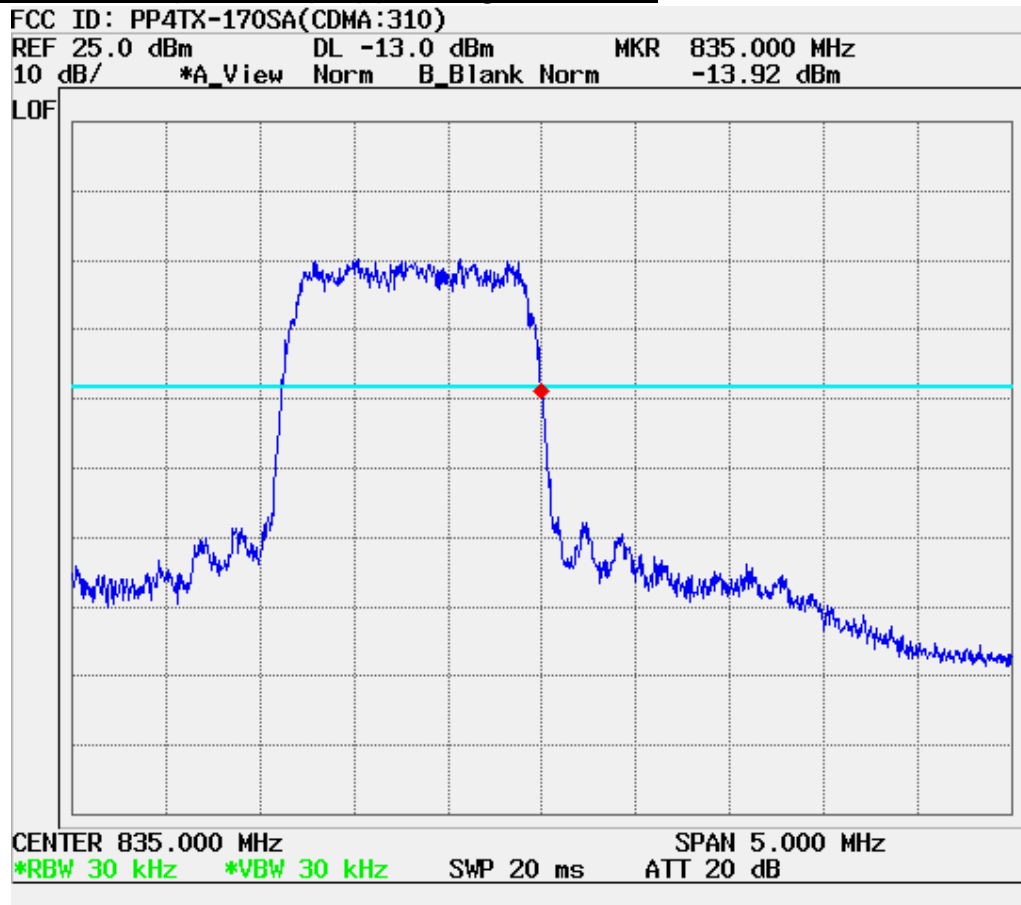
■ CDMA Cellular (643 CH.) Upper Edge- Block A



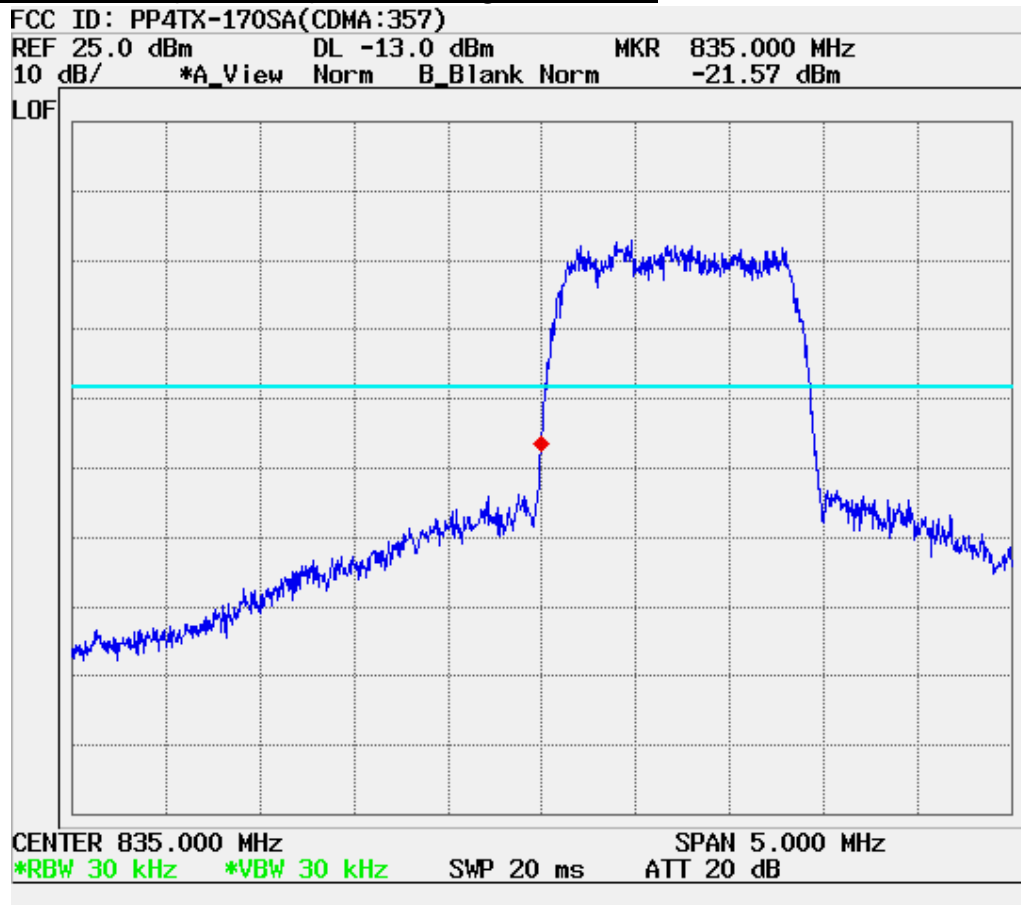
■ CDMA Cellular (690 CH.) Lower Edge- Block B



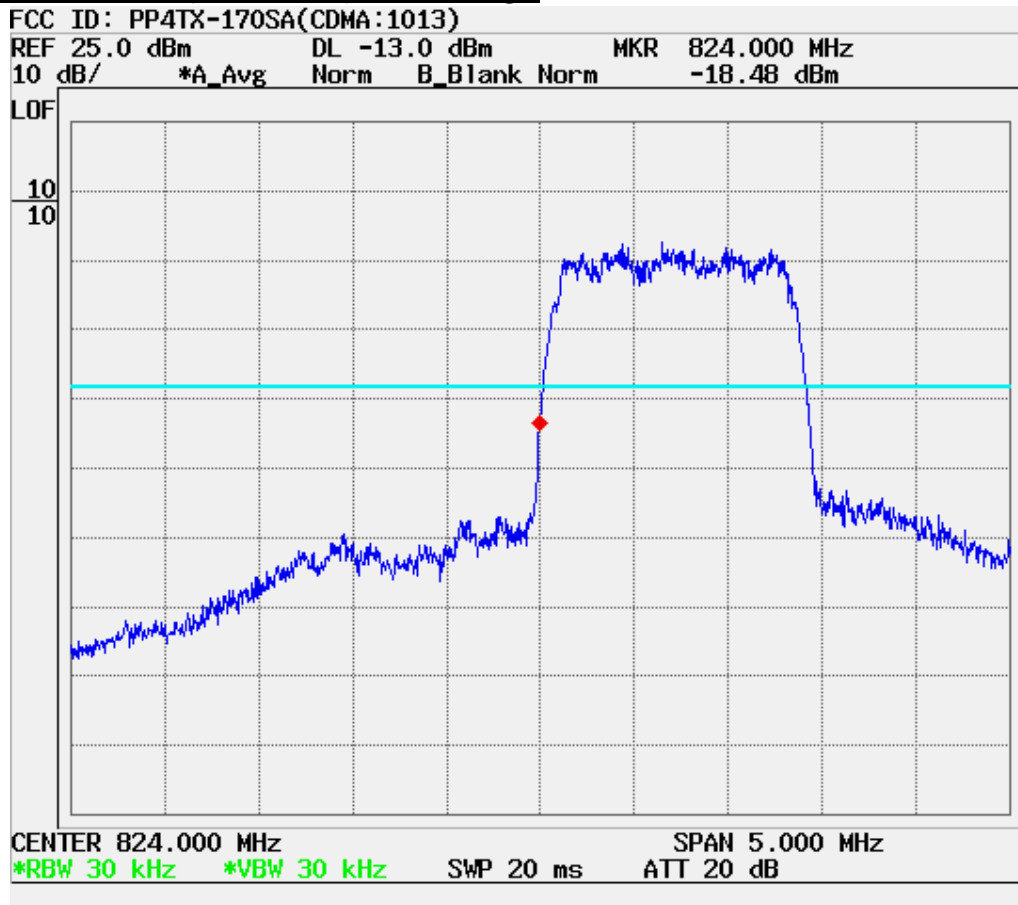
■ CDMA Cellular (310 CH.) Upper Edge- Block A



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



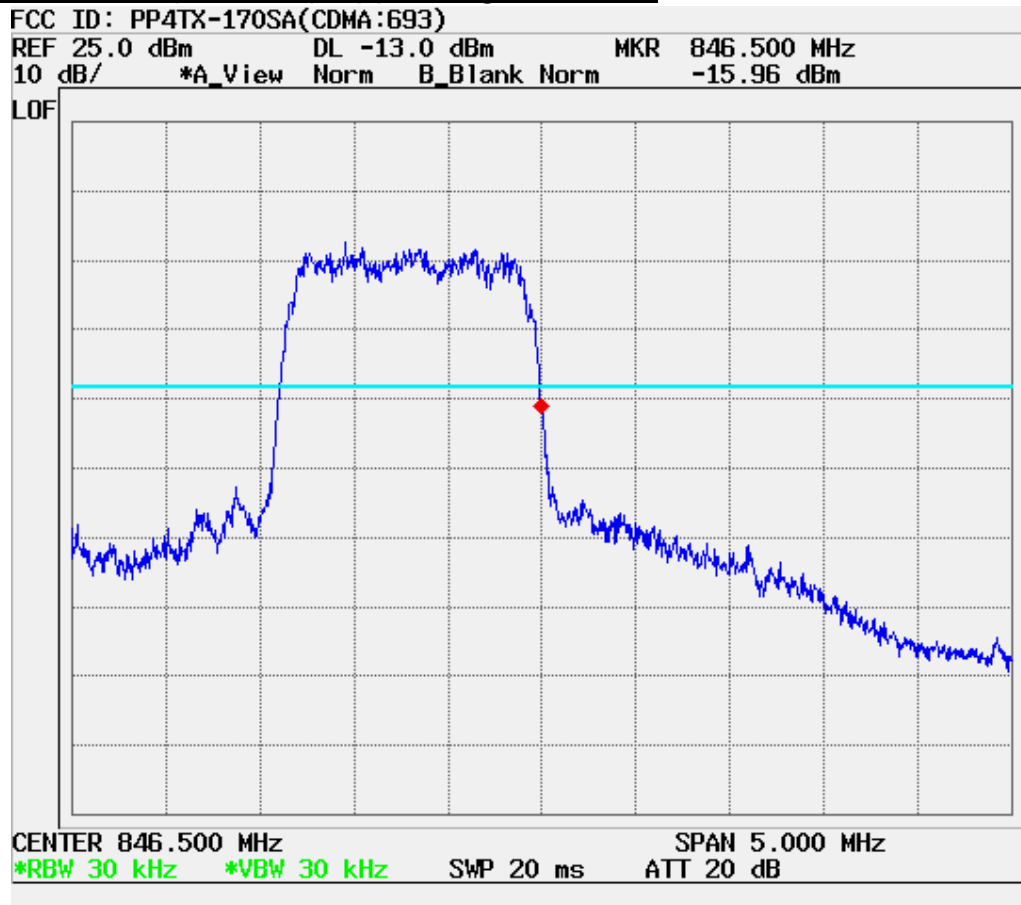
■ CDMA Cellular (1013 CH.) Band Edge



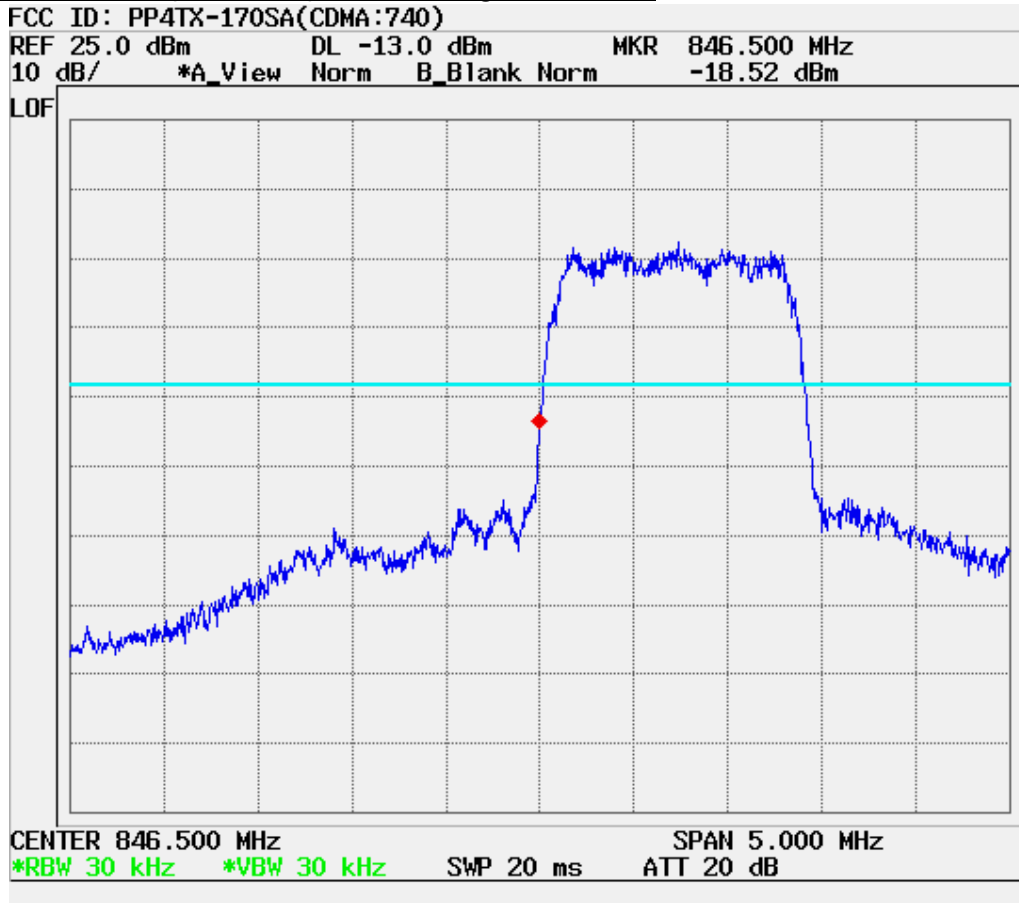
■ CDMA Cellular (777 CH.) Band Edge



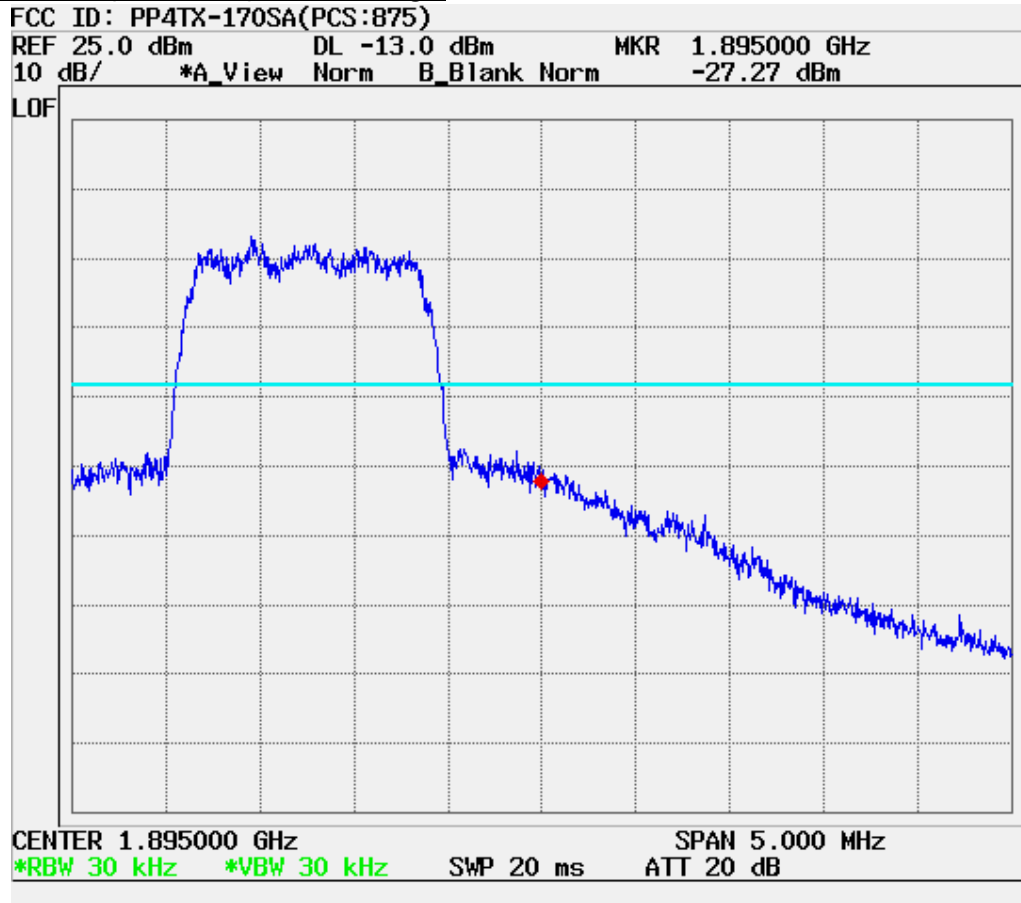
■ CDMA Cellular (693 CH.) Upper Edge- Block A



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



■ PCS Mode (875 CH.) Block Edge



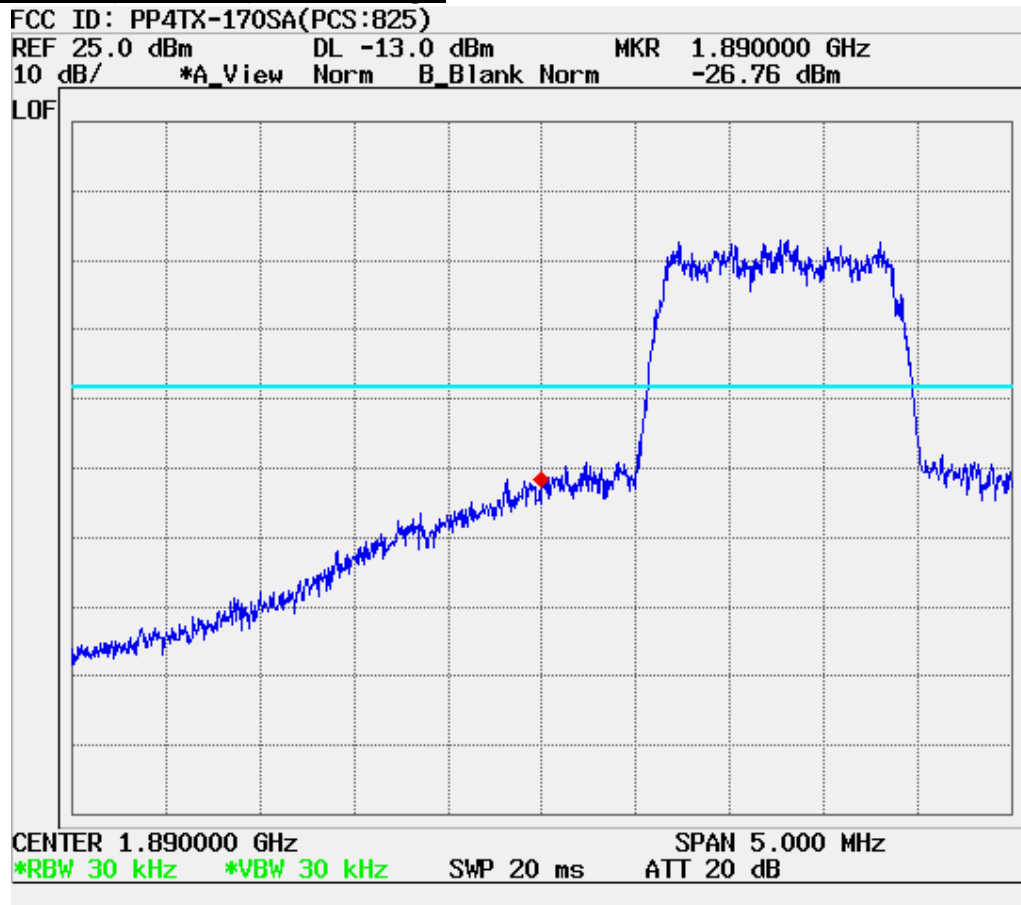
■ PCS Mode (925 CH.) Block Edge



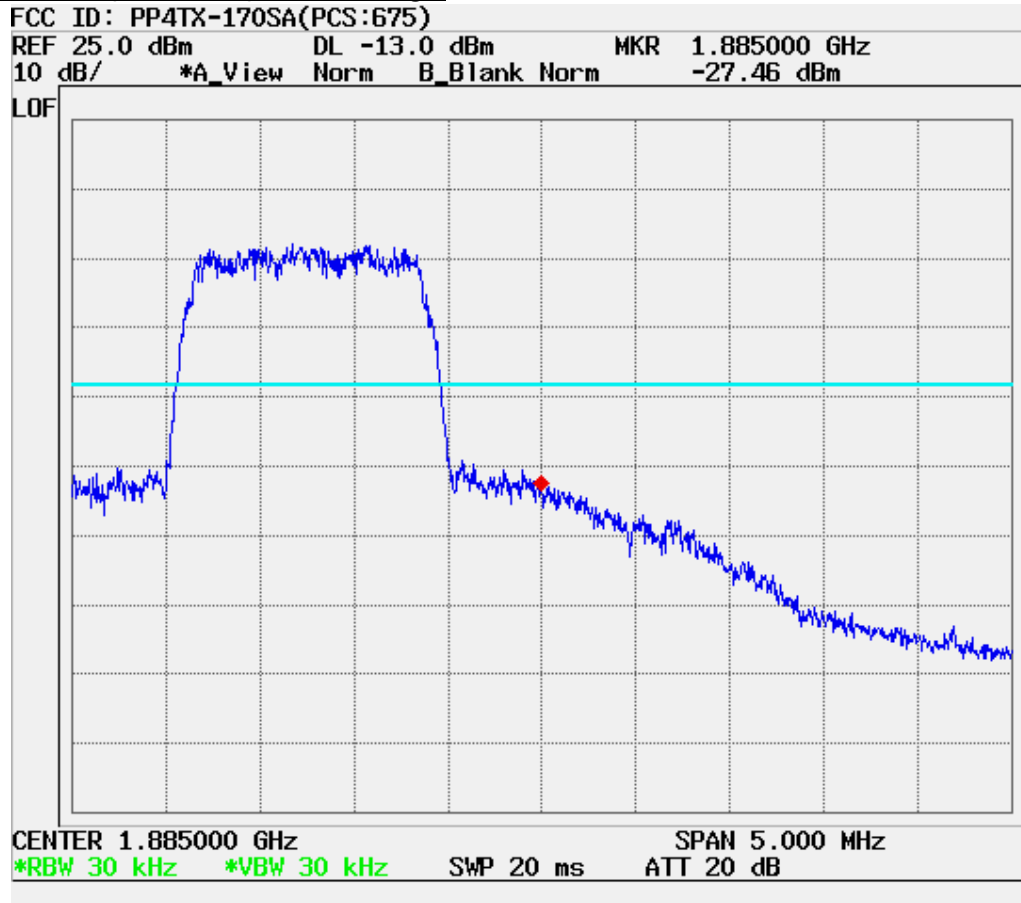
■ PCS Mode (775 CH.) Block Edge



■ PCS Mode (825 CH.) Block Edge



■ PCS Mode (675 CH.) Block Edge



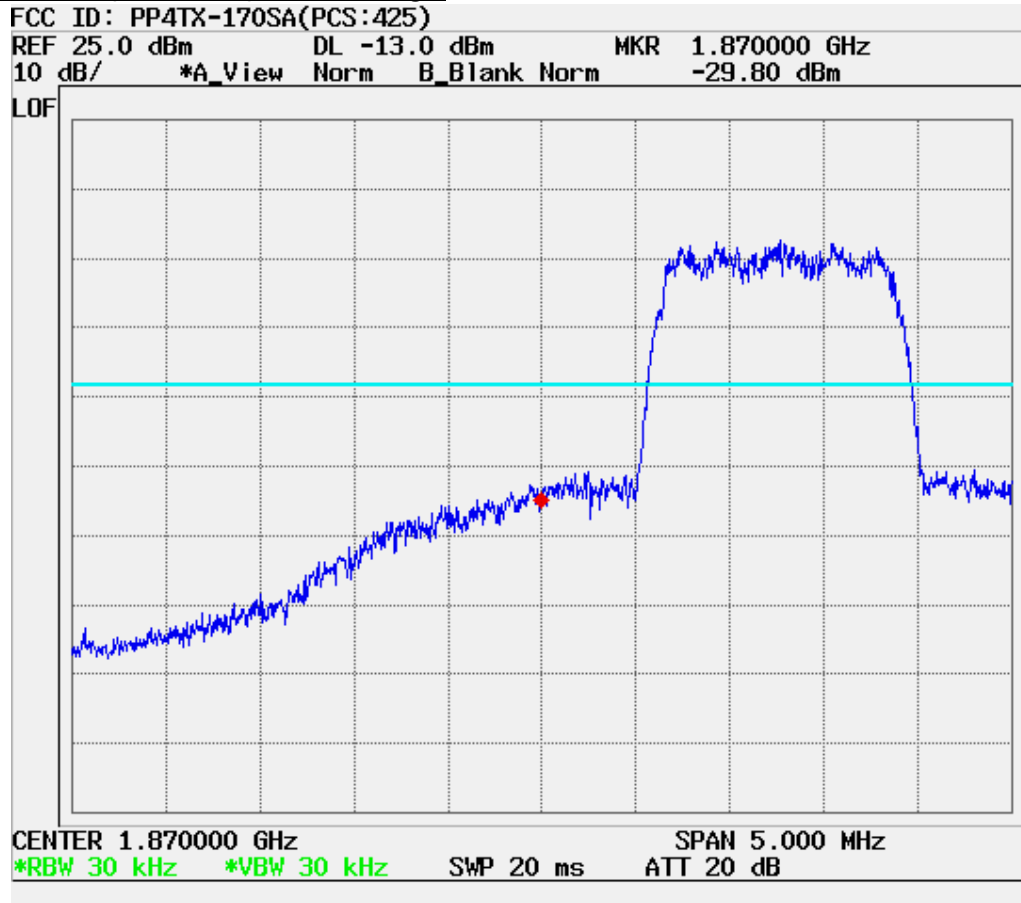
■ PCS Mode (725 CH.) Block Edge



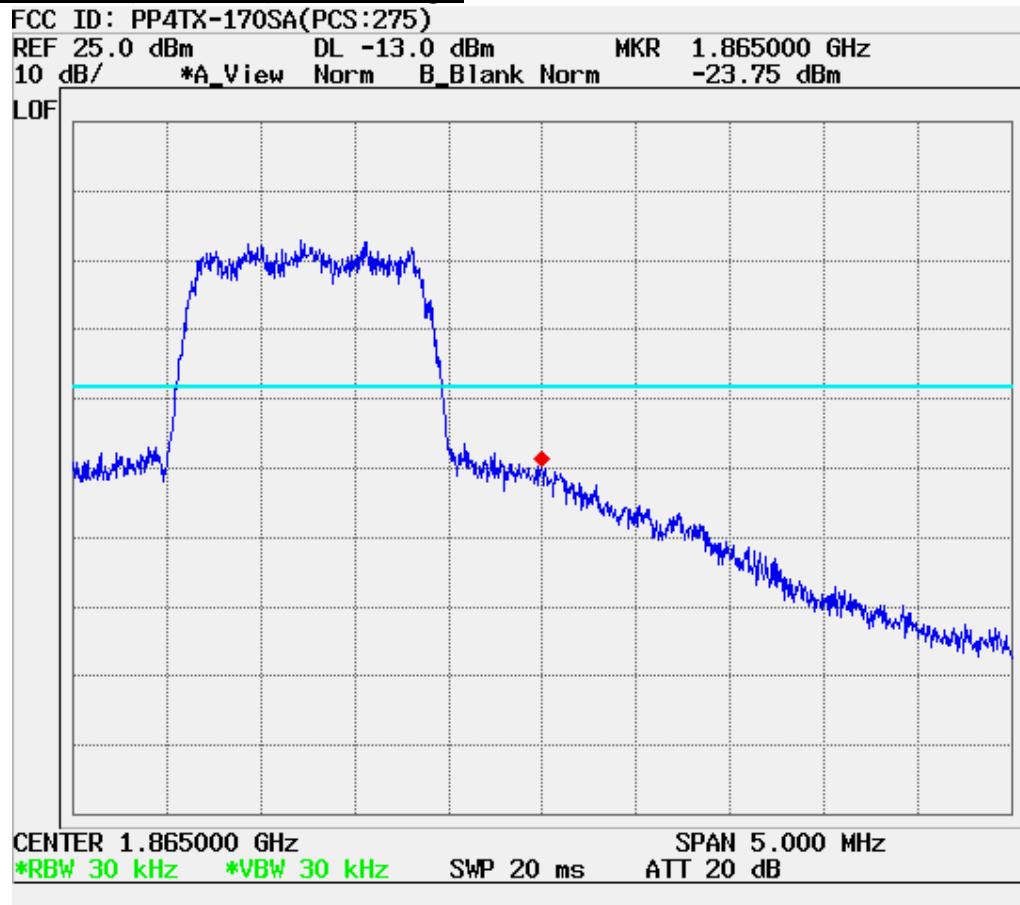
■ PCS Mode (375 CH.) Block Edge



■ PCS Mode (425 CH.) Block Edge



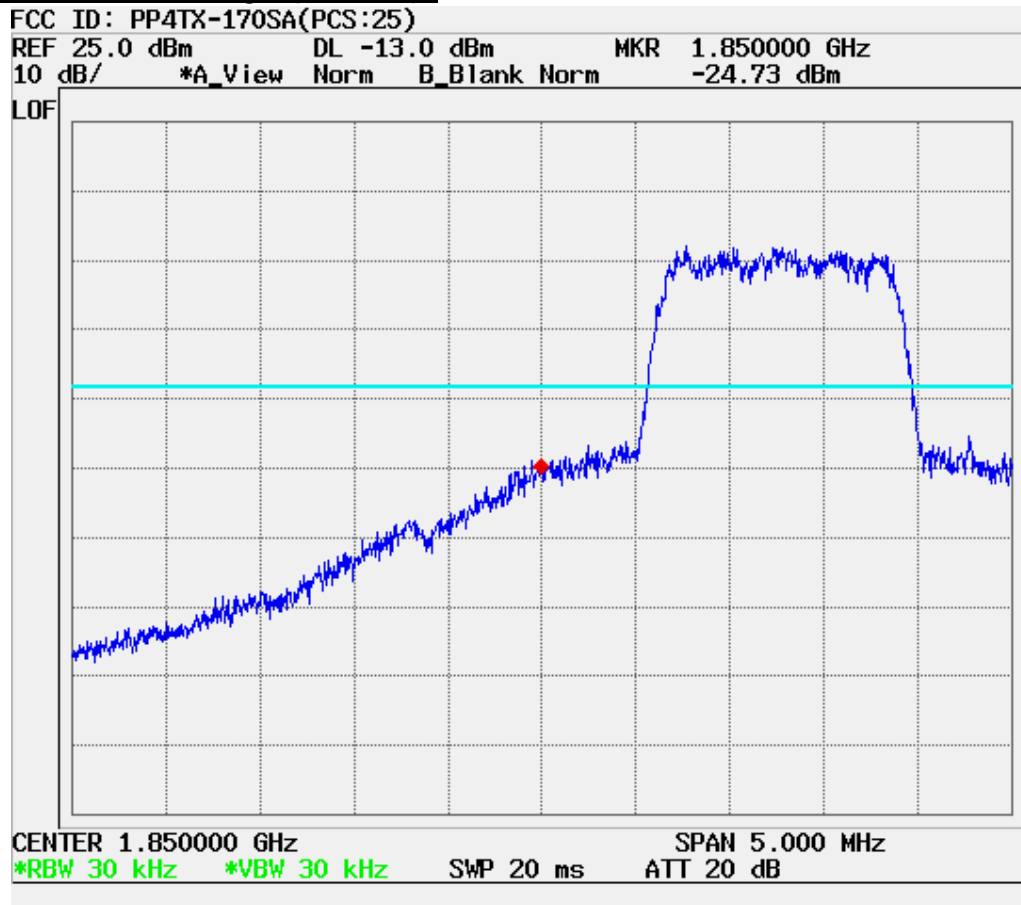
■ PCS Mode (275 CH.) Block Edge



■ PCS Mode (325 CH.) Block Edge



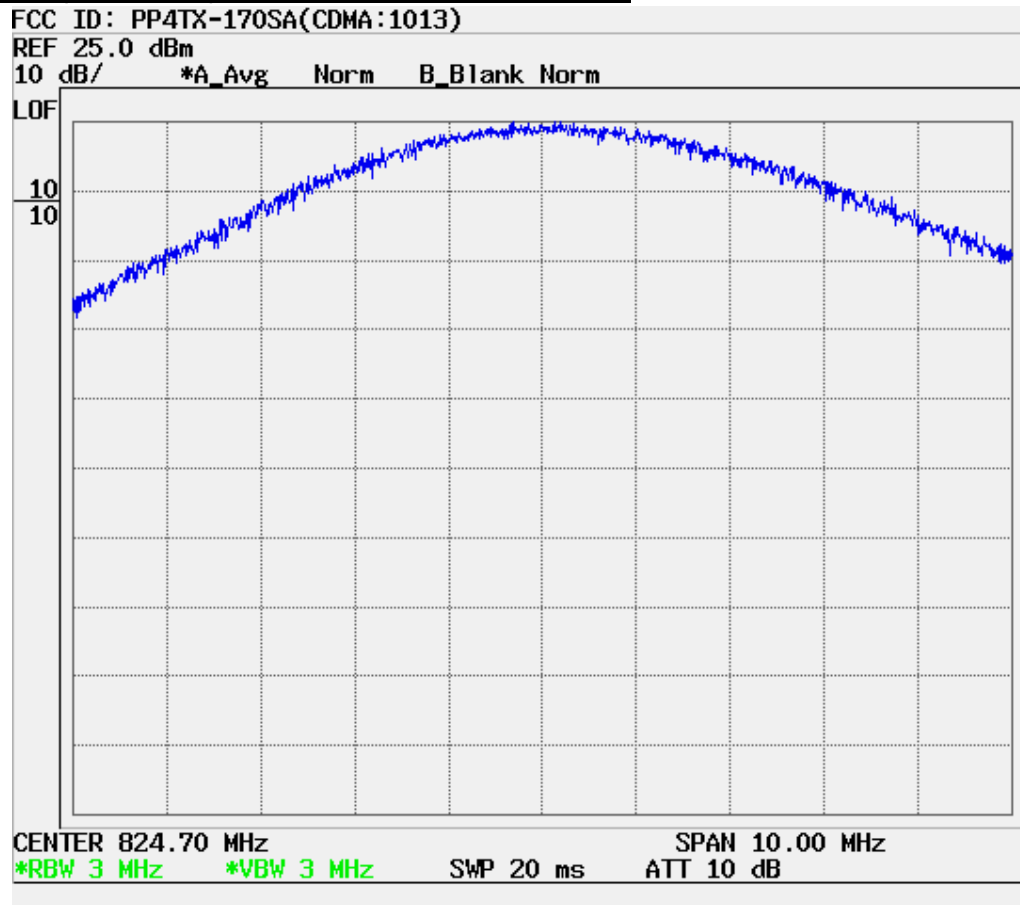
■ PCS Mode Band Edge (25 CH.)



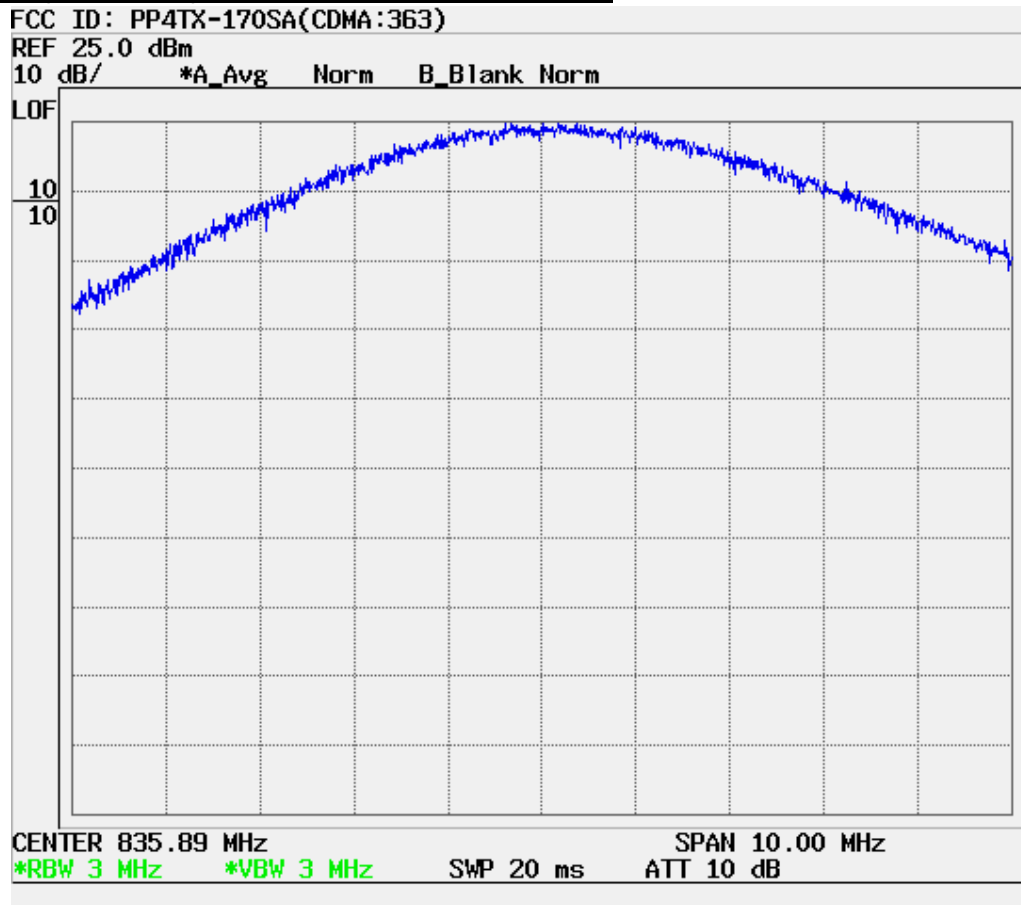
■ PCS Mode Band Edge (1175 CH.)



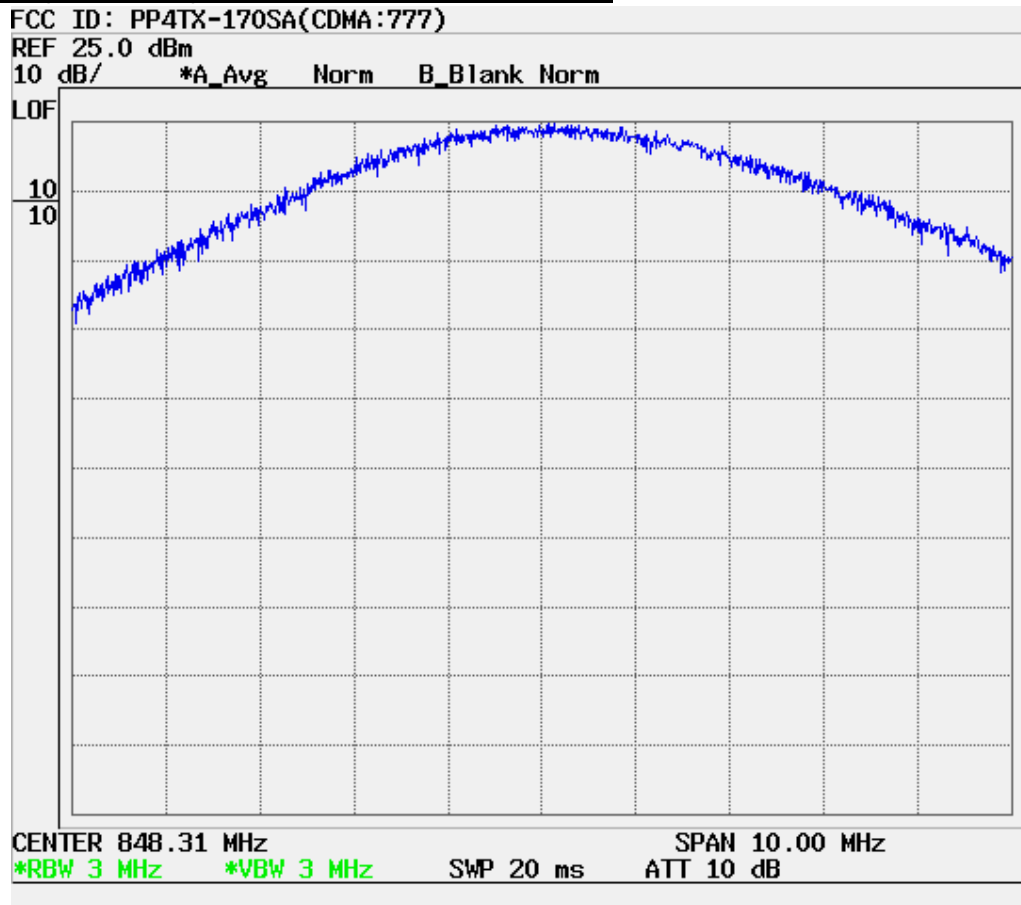
■ **CDMA (1013 CH) Test Mode: POWER OUT**



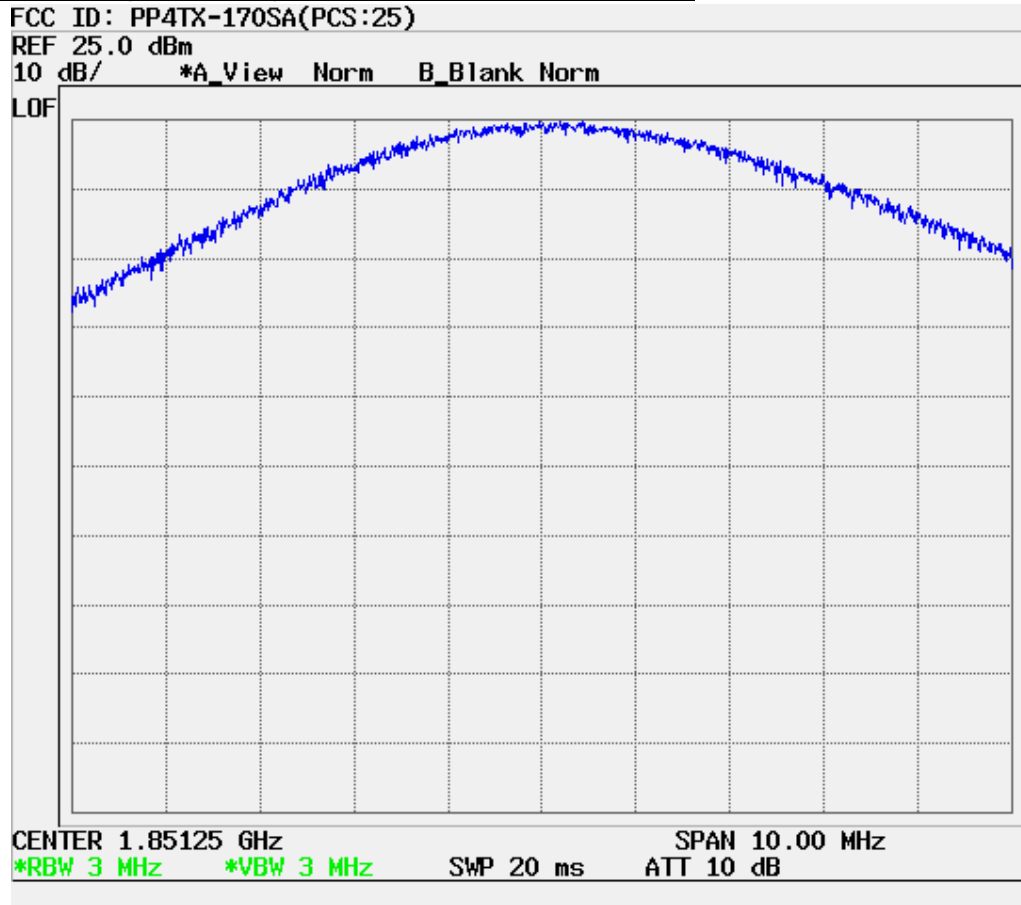
■ **CDMA (0363 CH) Test Mode: POWER OUT**



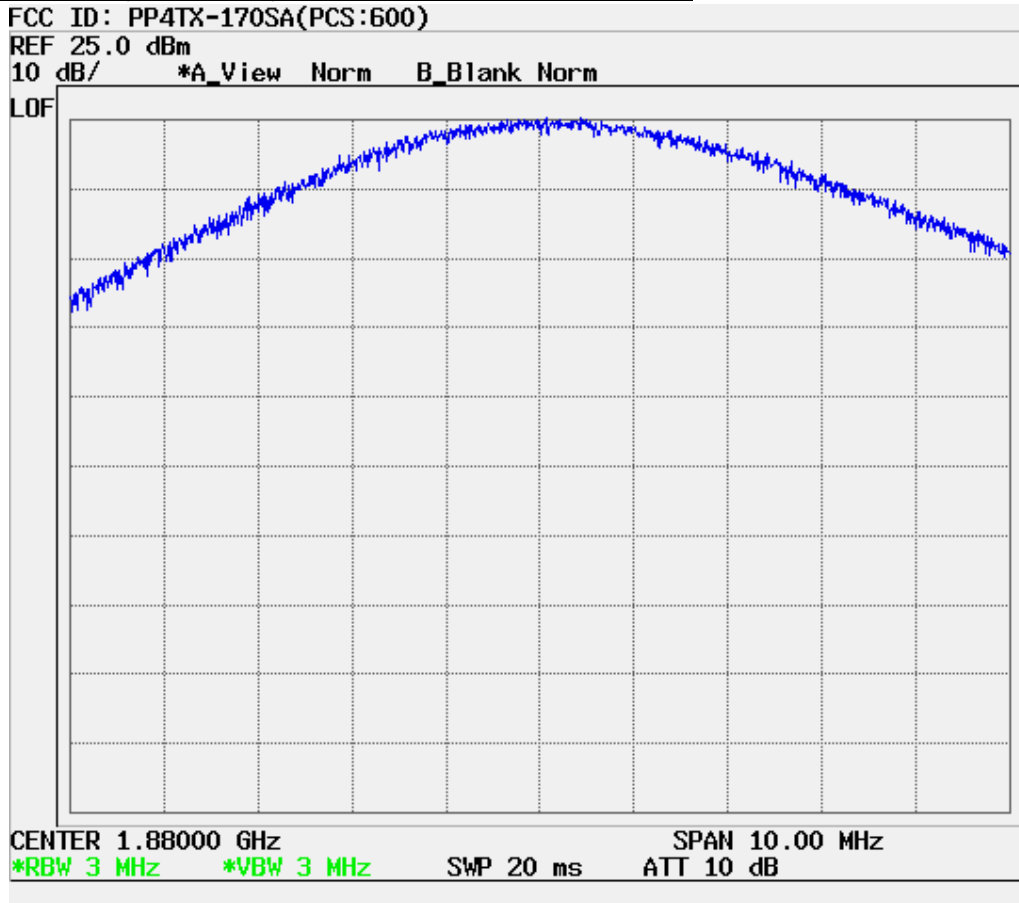
■ CDMA (0777 CH) Test Mode: POWER OUT



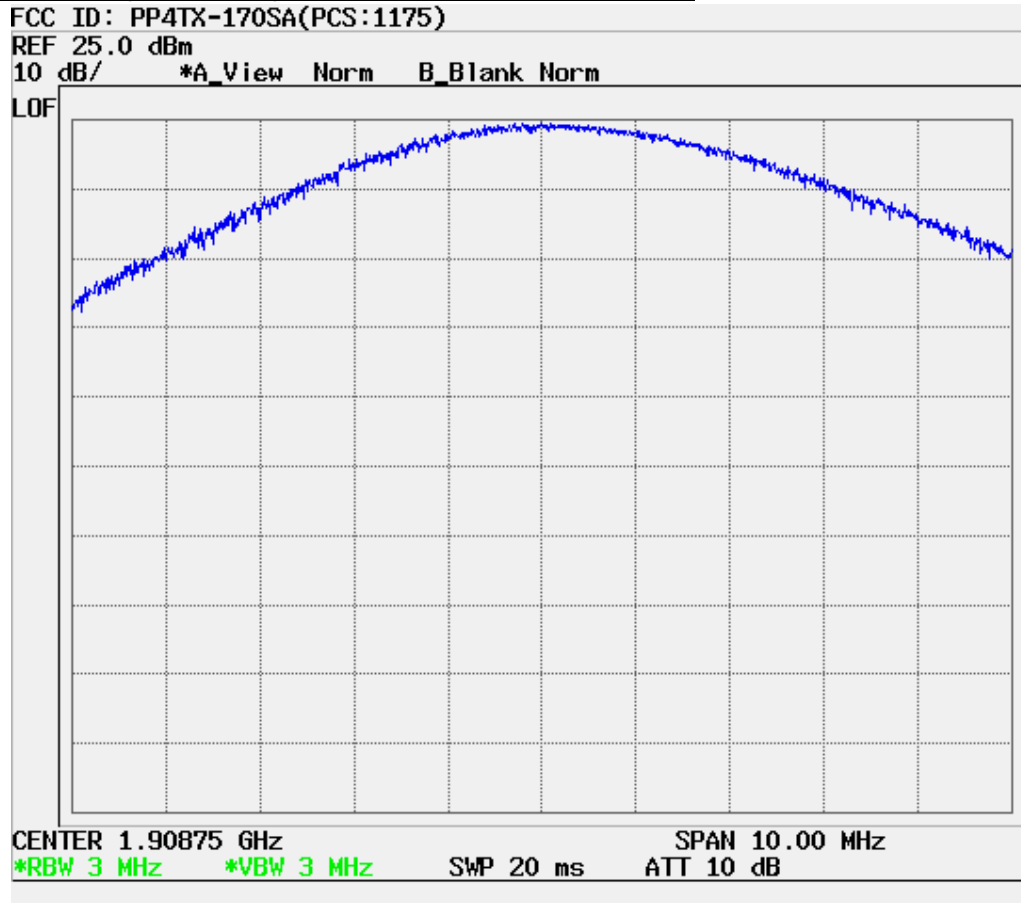
■ **PCS CDMA (0025 CH) Test Mode: POWER OUT**

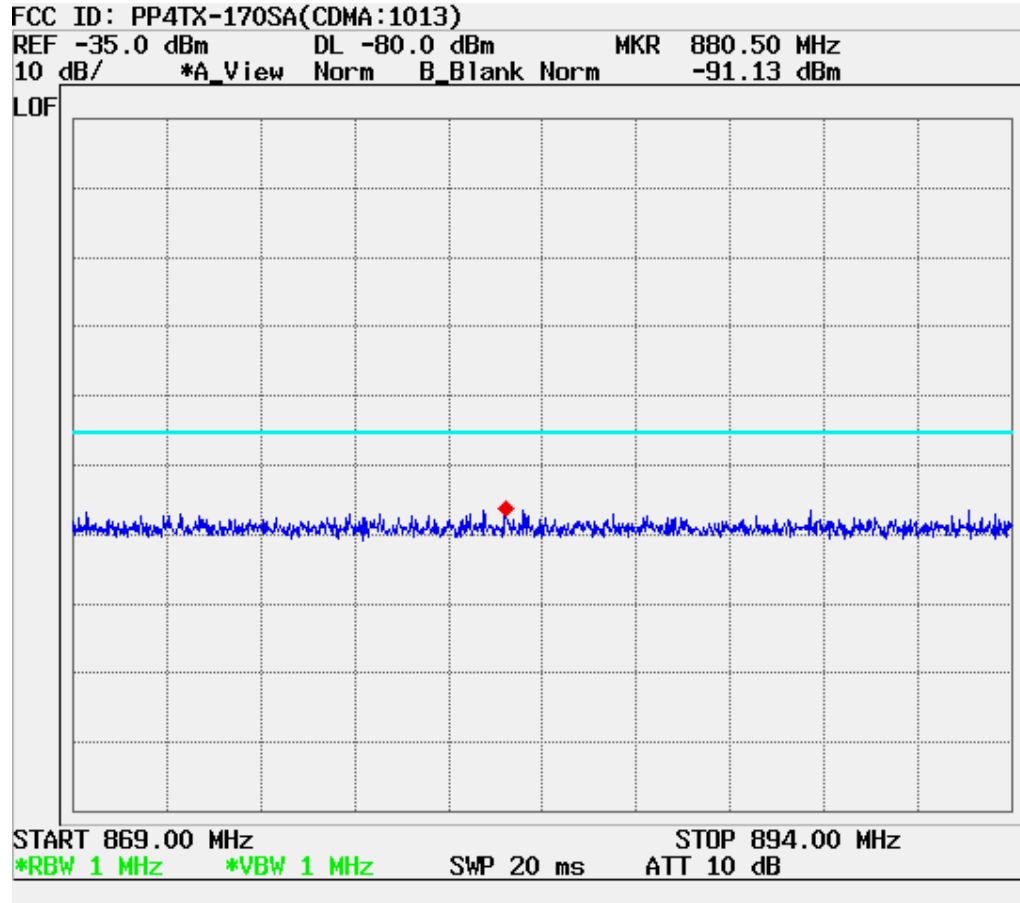


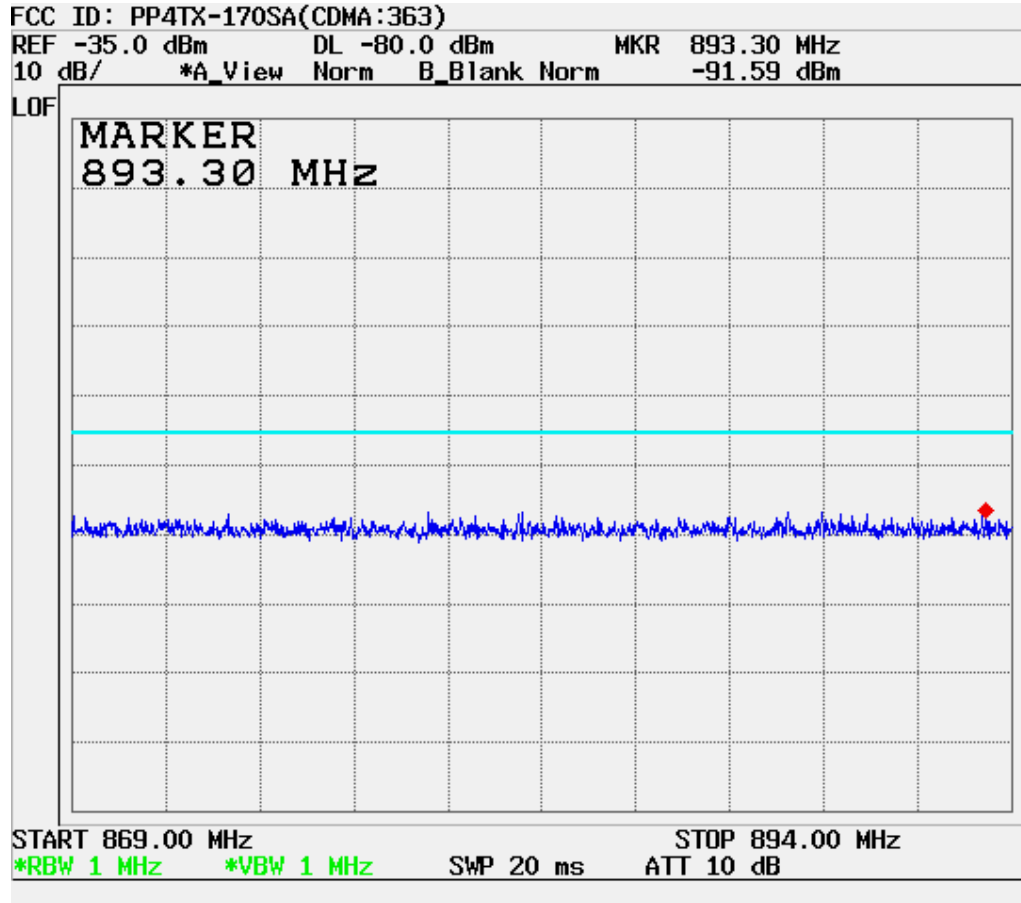
■ PCS CDMA (0600 CH) Test Mode: POWER OUT

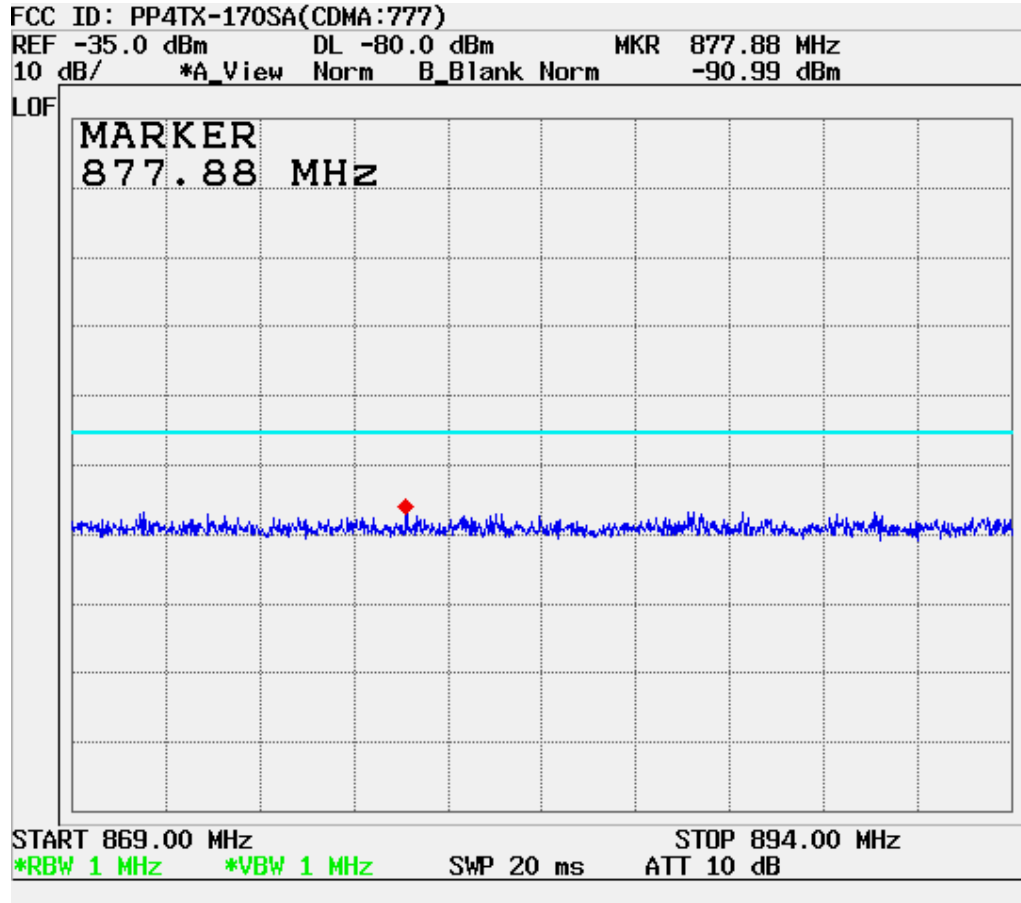


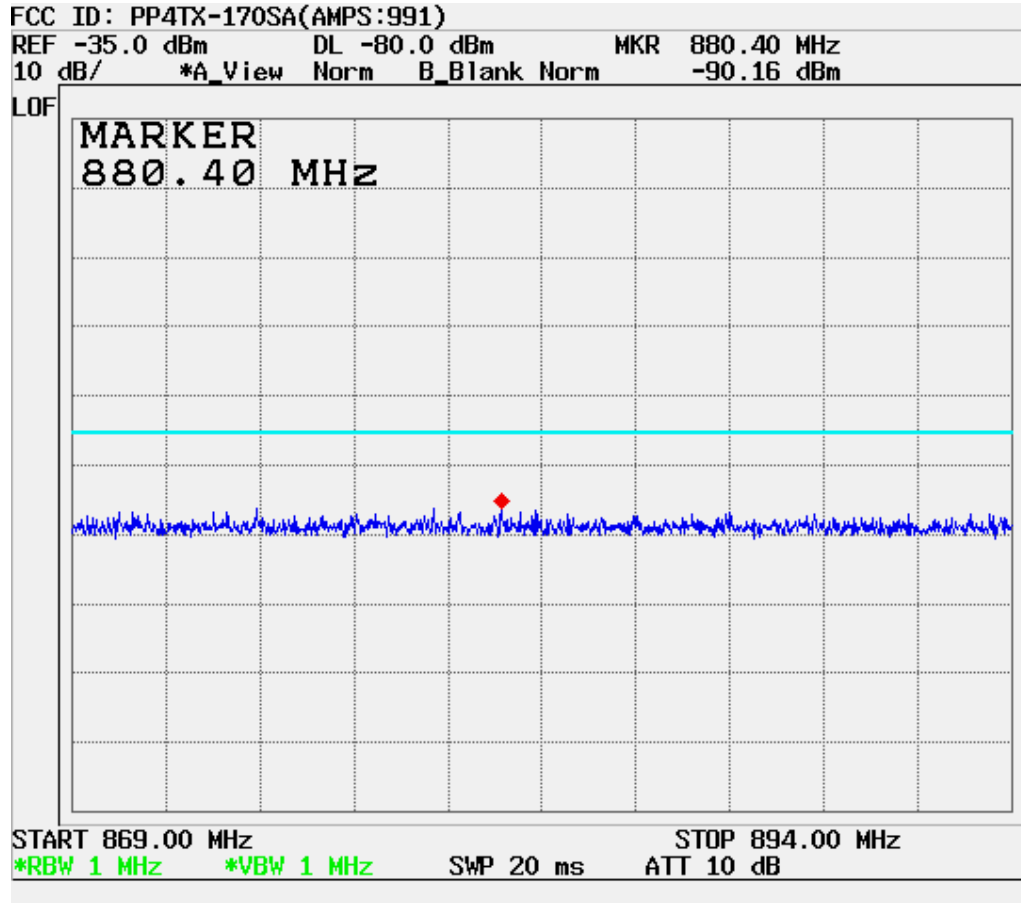
■ **PCS CDMA (1175 CH) Test Mode: POWER OUT**

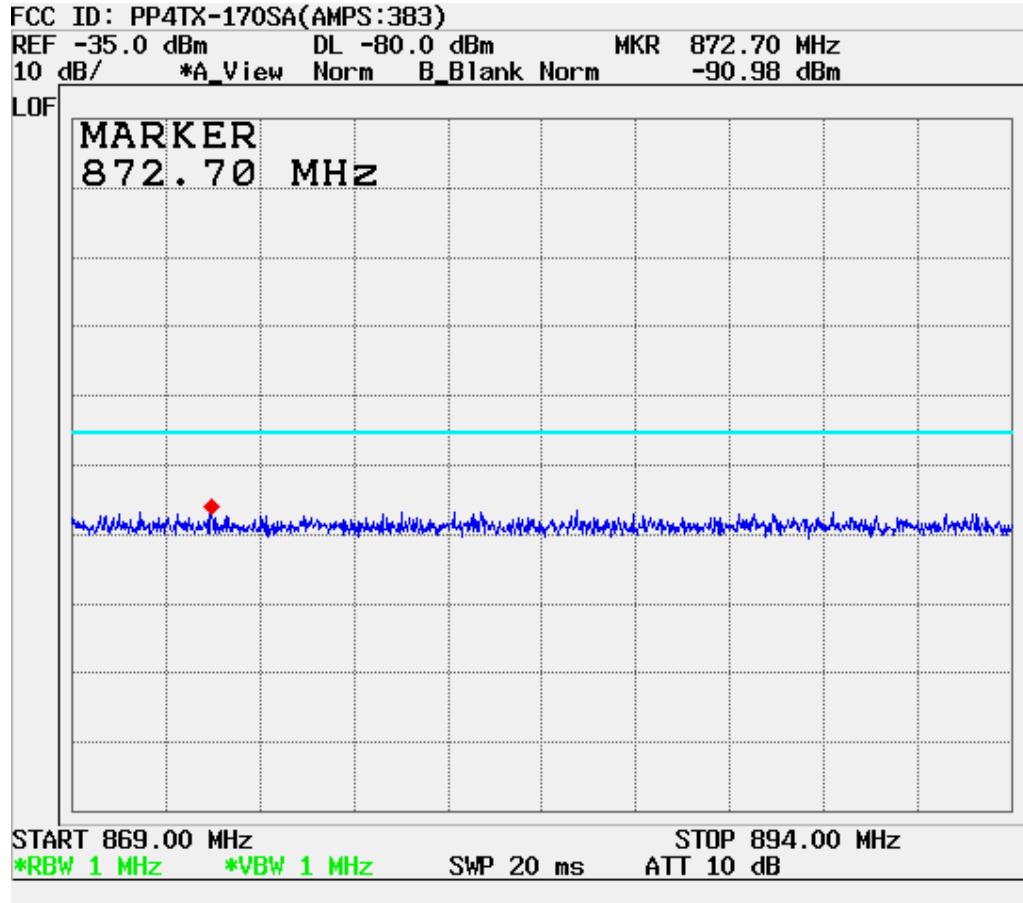


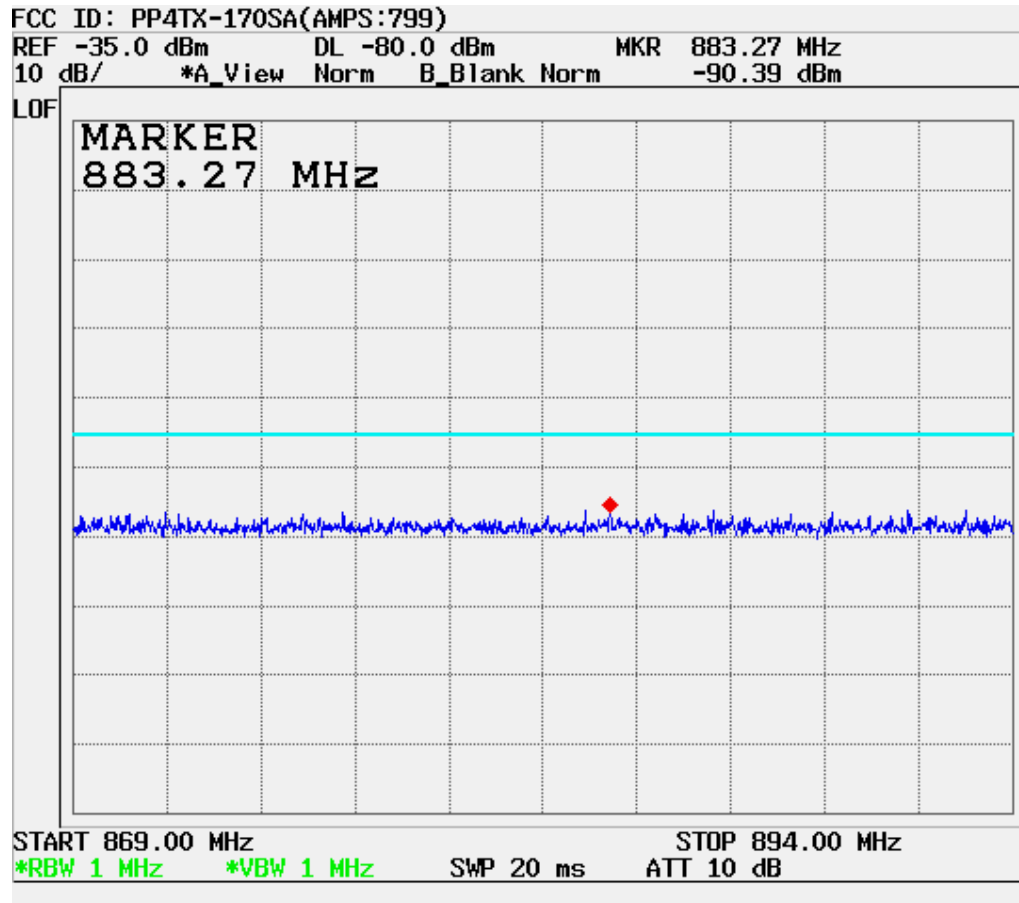












Modulation Limiting

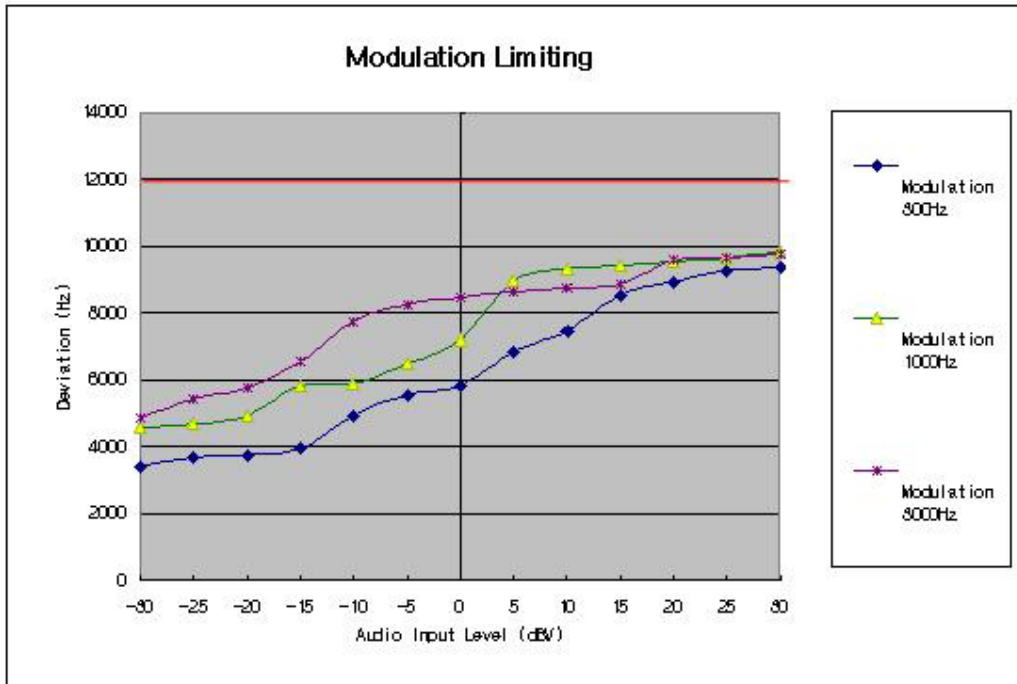
SUBJECT: Modulation Characteristics(FCC Part 22)

FCC ID: PP4TX-170SA

EUT: Hyundai Curitel Inc, Tri-Mode Phone

REFERENCE: 1KHz = 0 dB

| Input(dBV) | Modulation | | |
|------------|------------|--------|--------|
| | 300Hz | 1000Hz | 3000Hz |
| 30 | 9350 | 9820 | 9740 |
| 25 | 9270 | 9640 | 9630 |
| 20 | 8930 | 9530 | 9570 |
| 15 | 8540 | 9410 | 8860 |
| 10 | 7460 | 9320 | 8760 |
| 5 | 6840 | 8950 | 8630 |
| 0 | 5820 | 7200 | 8470 |
| -5 | 5560 | 6470 | 8260 |
| -10 | 4930 | 5890 | 7750 |
| -15 | 3950 | 5810 | 6530 |
| -20 | 3760 | 4930 | 5760 |
| -25 | 3680 | 4670 | 5420 |
| -30 | 3420 | 4560 | 4860 |



Frequency Response of Audio Low Pass Filter

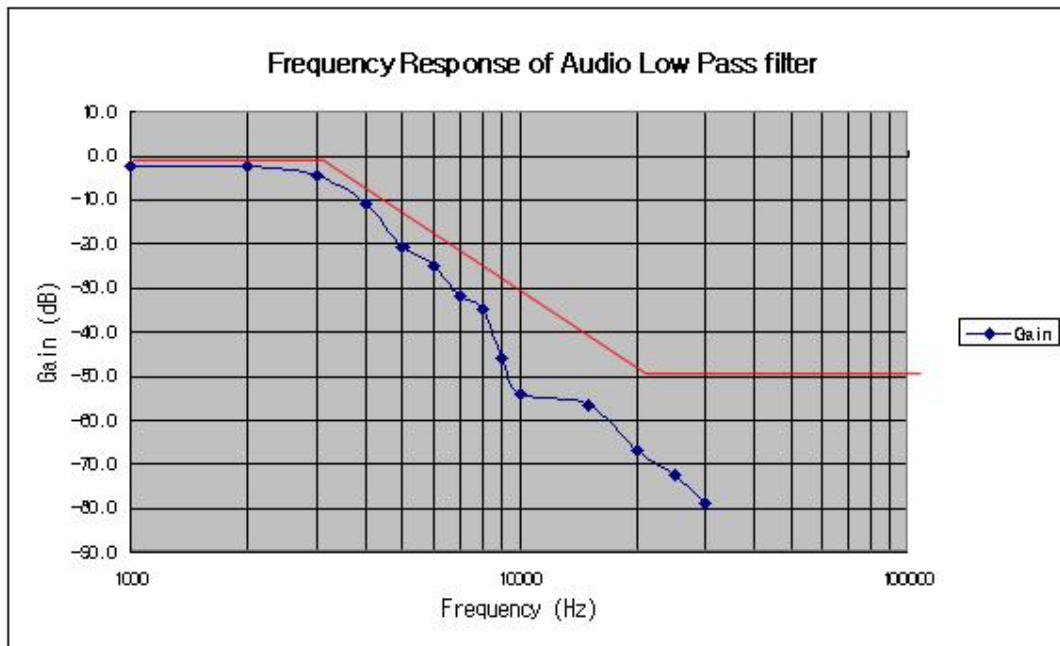
SUBJECT: Modulation Characteristics(FCC Part 22)

FCC ID: PP4TX-170SA

EUT: Hyundai Curiel Inc, Tri-Mode Phone

REFERENCE: 1KHz = 0 dB

| Frequency (Hz) | Gain (dB) |
|----------------|-----------|
| 1000 | -2.3 |
| 2000 | -2.4 |
| 3000 | -4.5 |
| 4000 | -10.8 |
| 5000 | -20.7 |
| 6000 | -24.9 |
| 7000 | -31.8 |
| 8000 | -34.6 |
| 9000 | -45.7 |
| 10000 | -53.9 |
| 15000 | -56.4 |
| 20000 | -66.8 |
| 25000 | -72.4 |
| 30000 | -78.6 |



Transmitter Audio Frequency Response

SUBJECT: Modulation Characteristics(FCC Part 22)

FCC ID: PP4TX-170SA

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 | 4,2 |
| 2300 | 7,3 |
| 2800 | 7,8 |
| 3000 | 6,9 |
| 3000 | -4,8 |
| 4000 | -25,6 |
| 5000 | -34,7 |
| 5900 | -39,6 |
| 5900 | -41,8 |
| 6100 | -42,4 |
| 8000 | -46,3 |
| 10000 | -47,5 |
| 12000 | -48,5 |
| 15000 | -49,3 |
| 18000 | -50,4 |
| 20000 | -51,6 |

