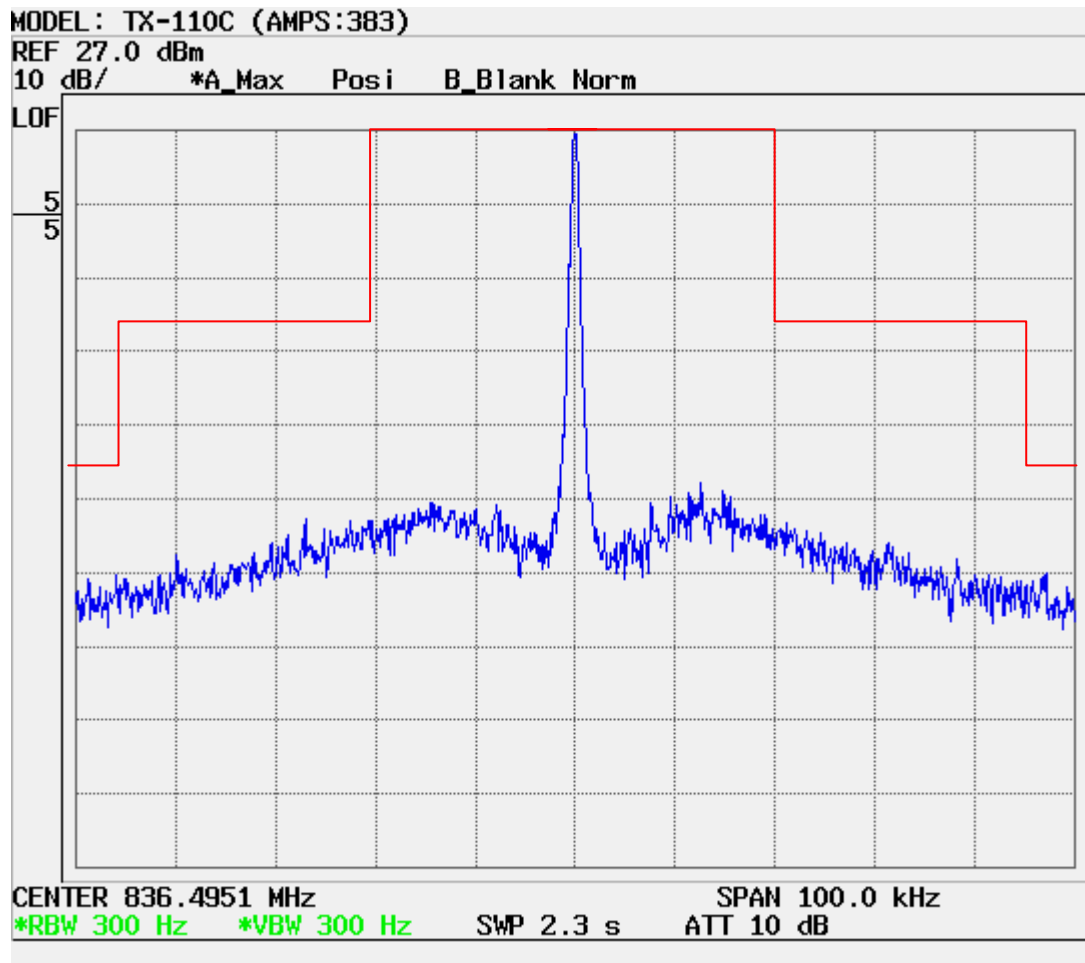
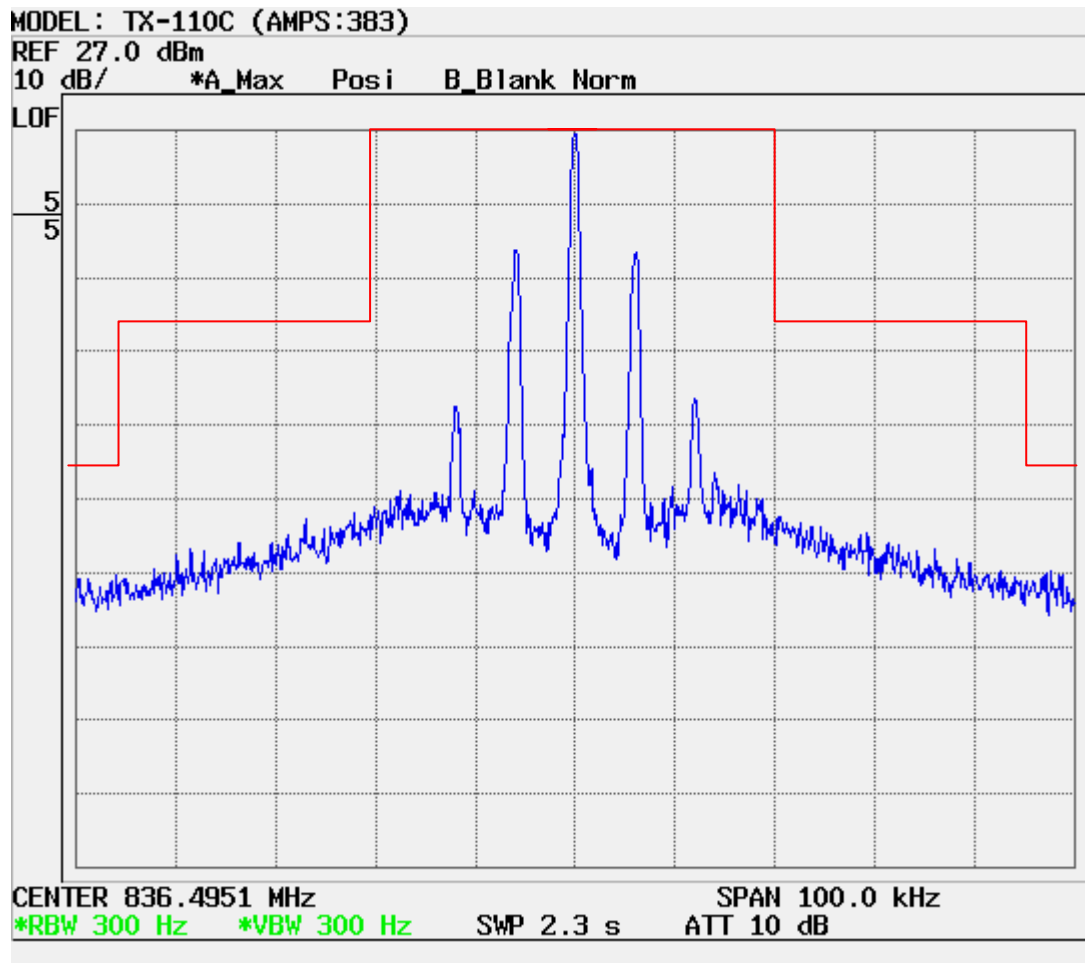


ATTACHMENT D – TEST PLOTS

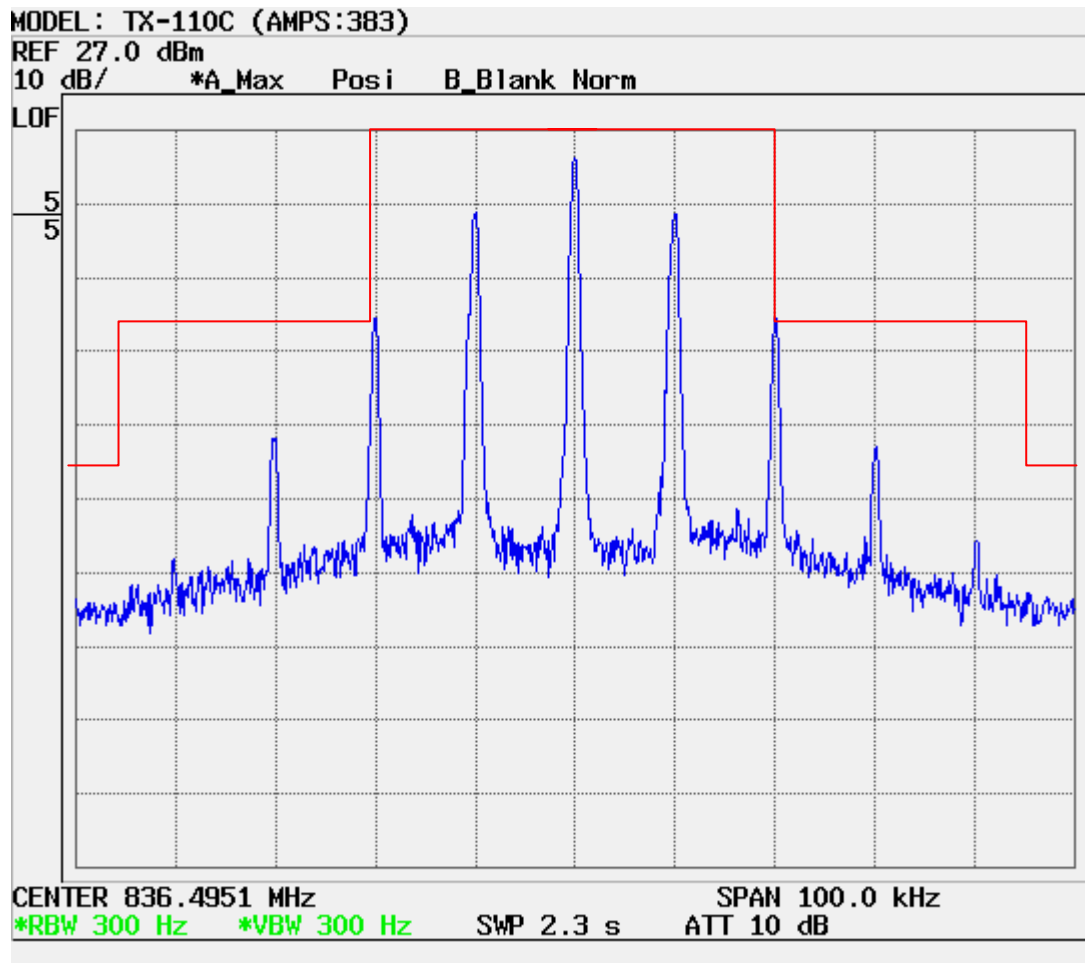
■ AMPS MODE (0383 CH.) Test Mode: Unmodulated Signal



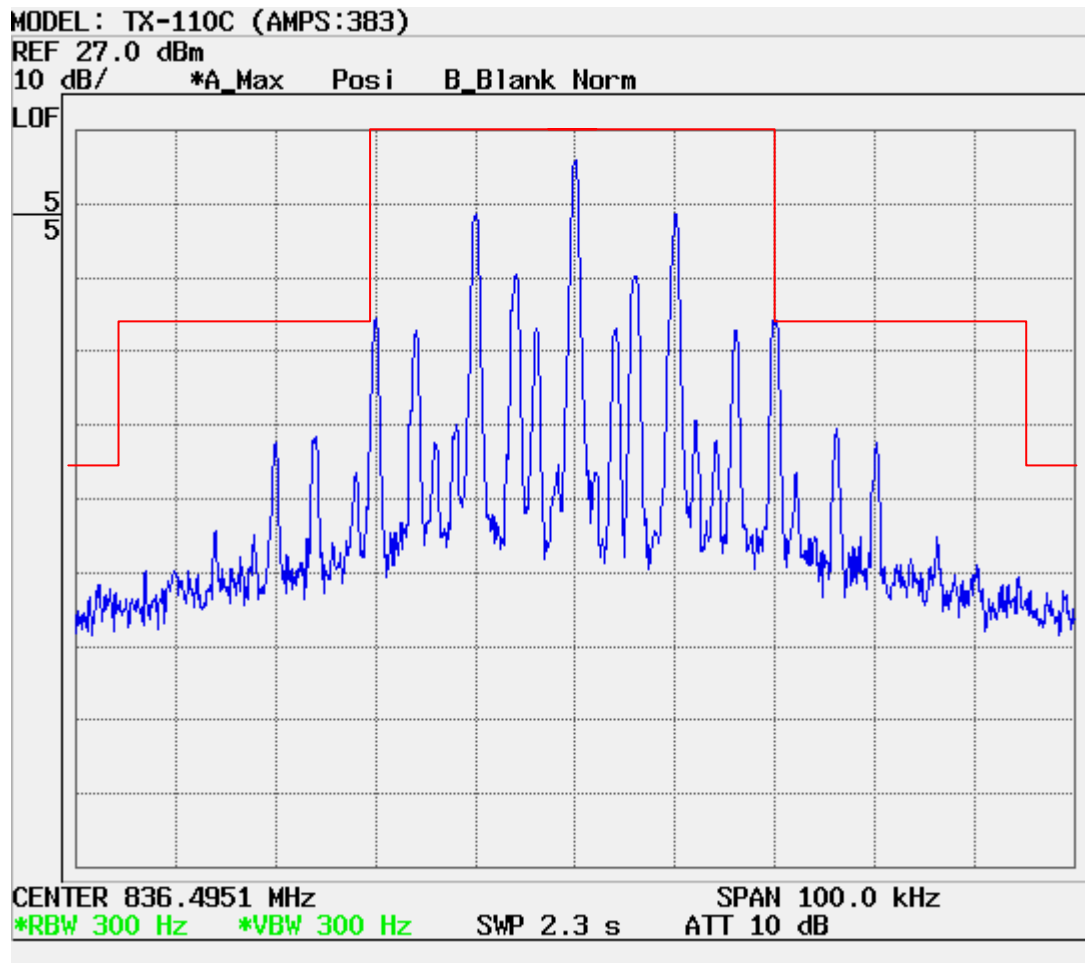
■ AMPS MODE (0383 CH.) Test Mode: SAT



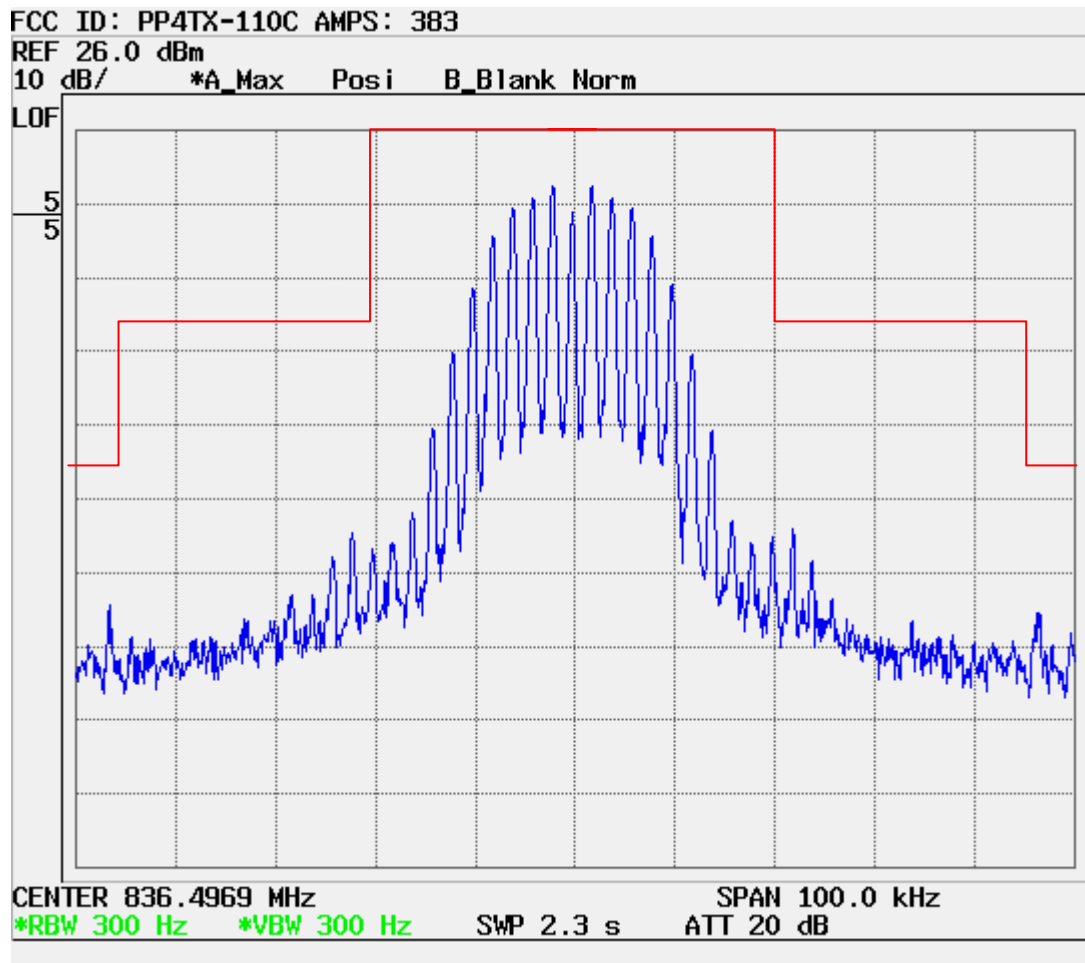
■ AMPS MODE (0383 CH.) Test Mode: ST



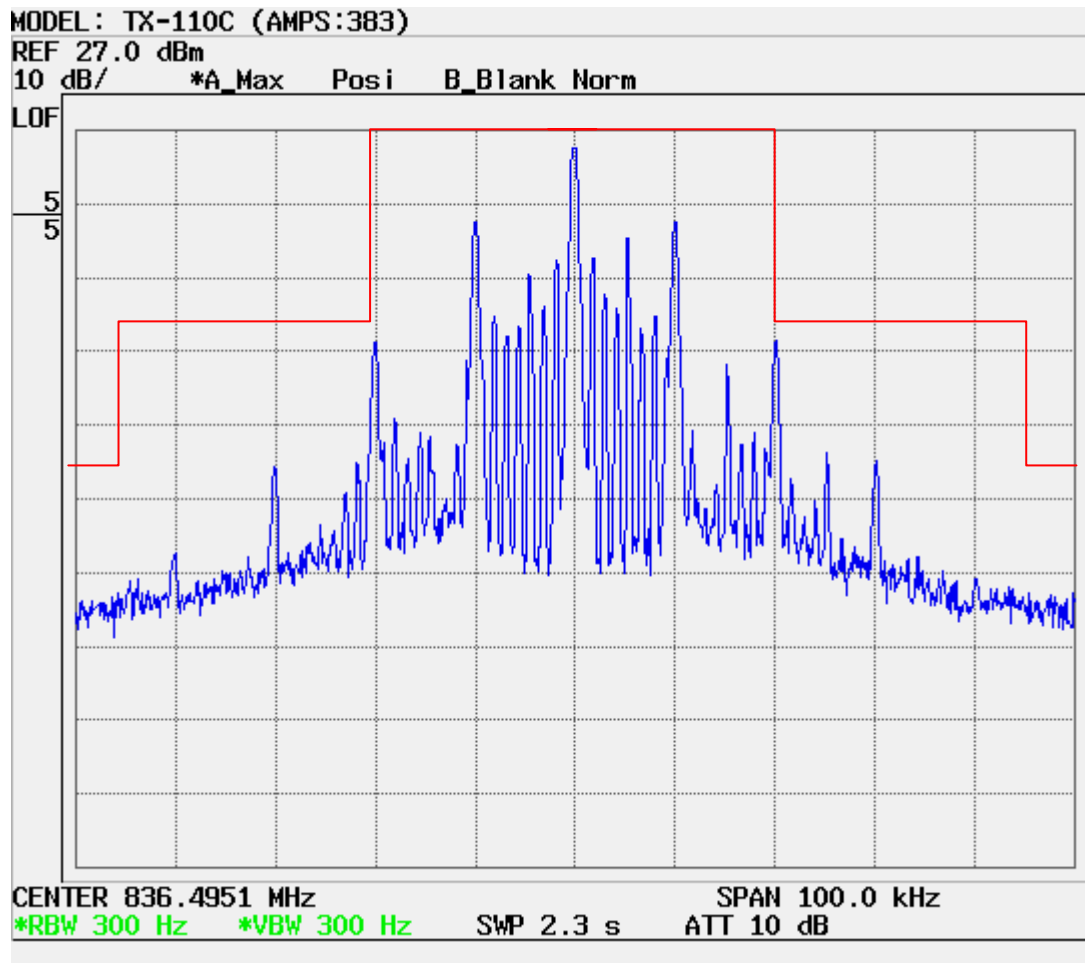
■ AMPS MODE (0383 CH.) Test Mode: SAT+ST



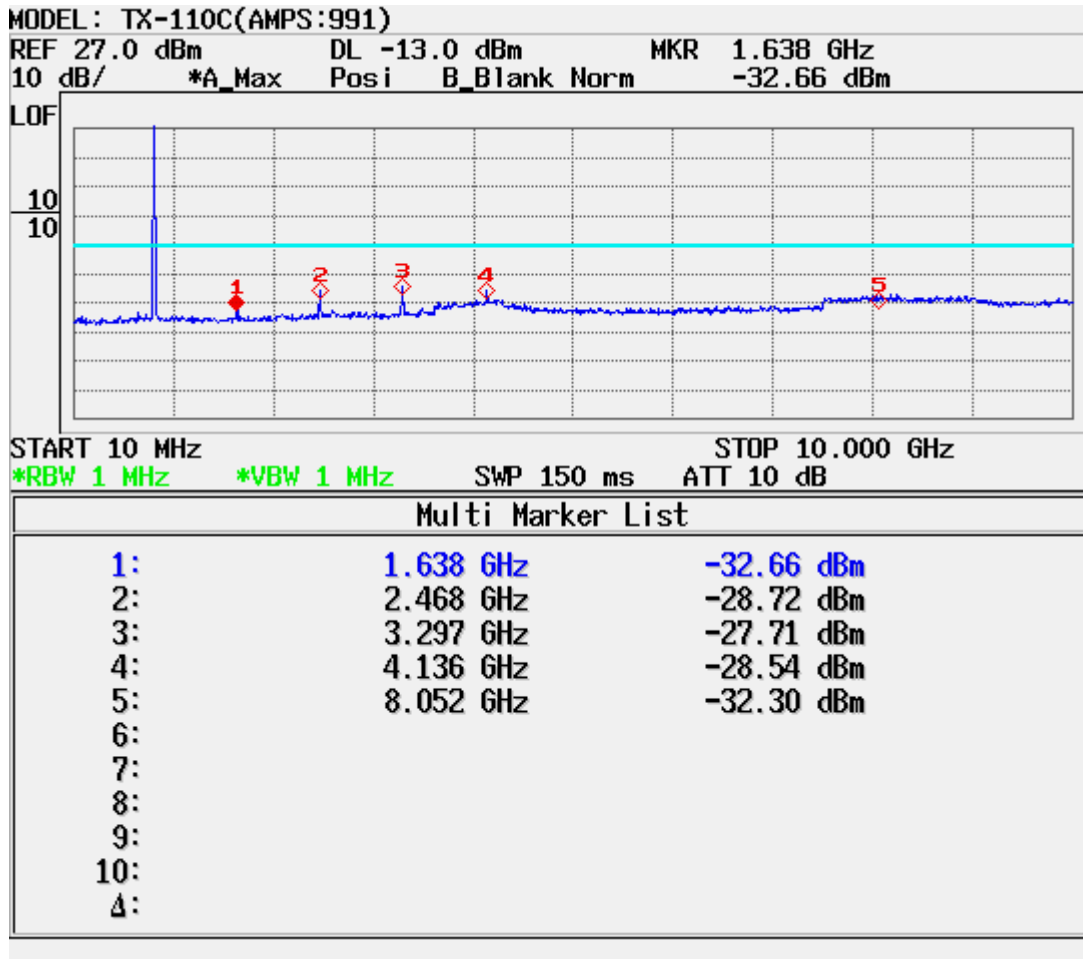
■ **AMPS MODE (0383 CH.) Test Mode: Voice**



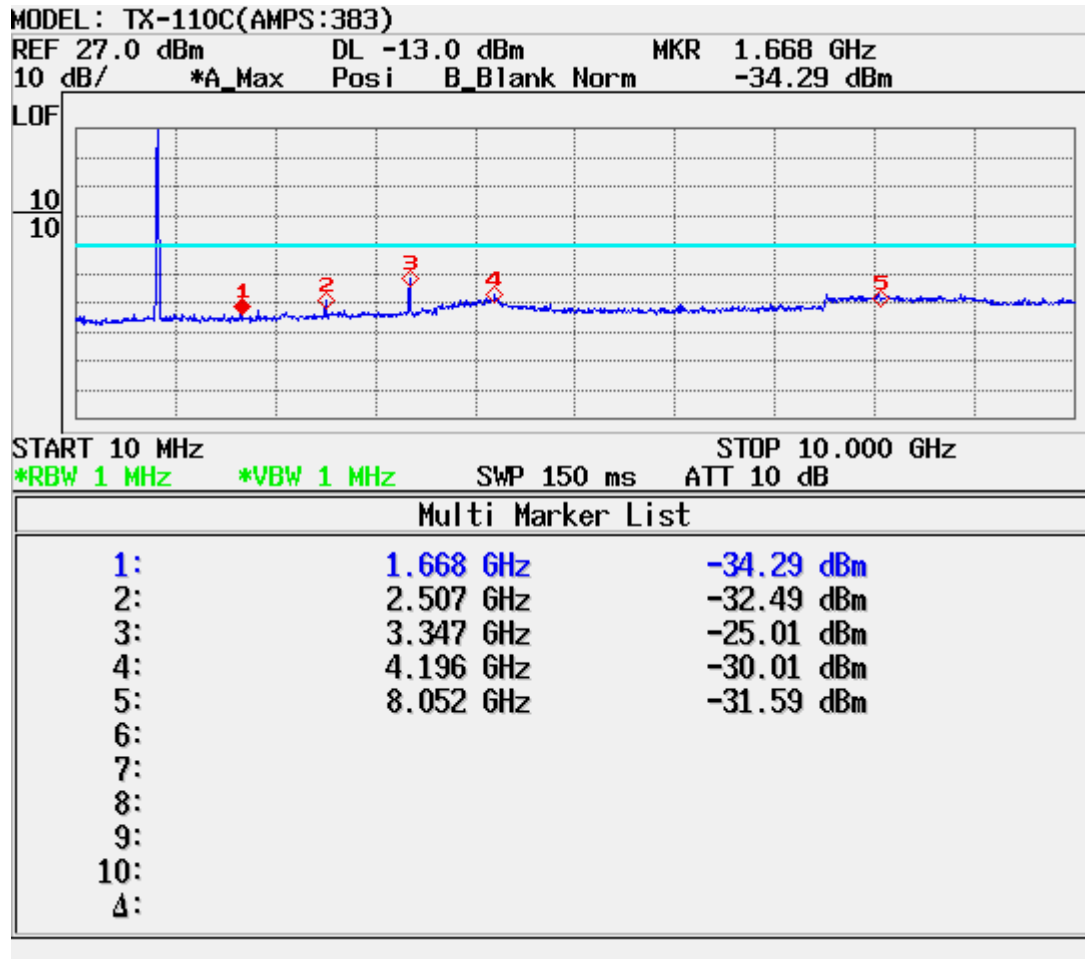
■ **AMPS MODE (0383 CH.) Test Mode: Wide Band Data**



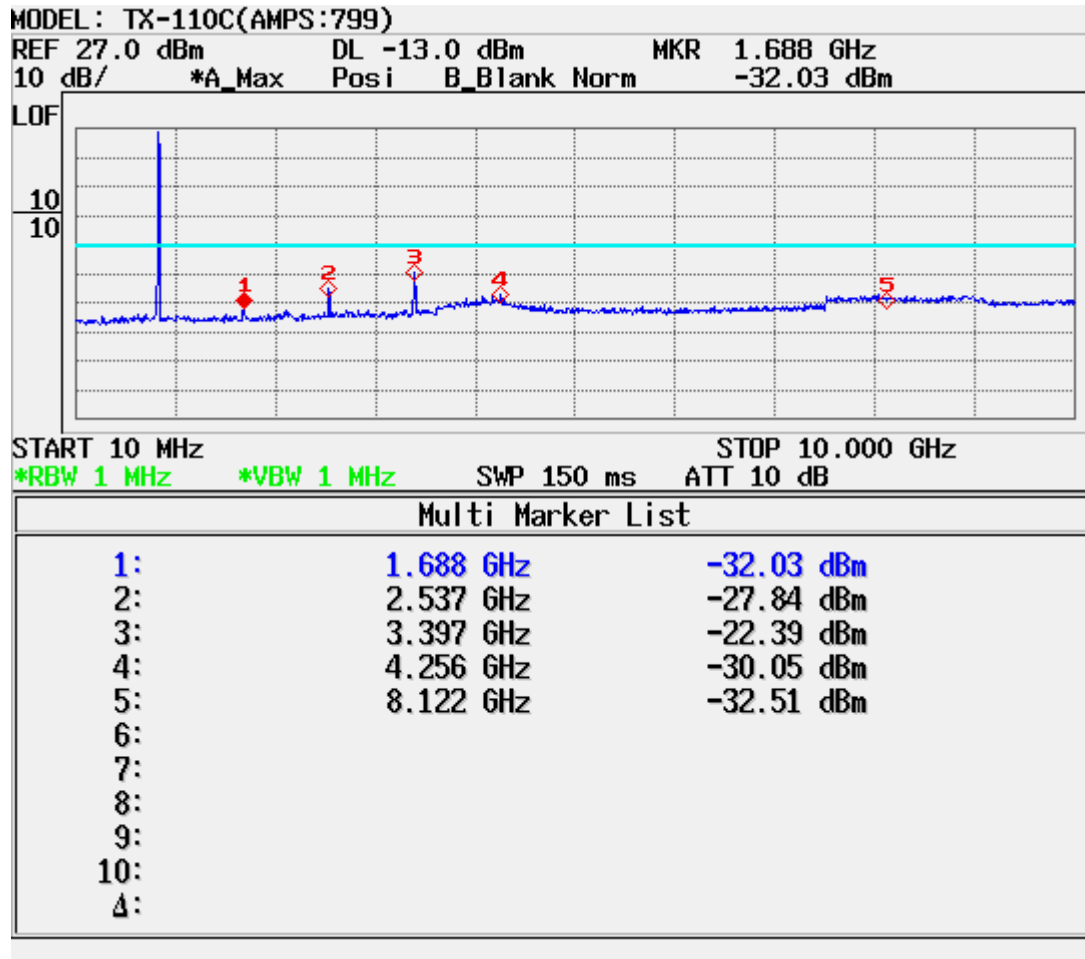
■ AMPS MODE (0991 CH.) Conducted Spurious



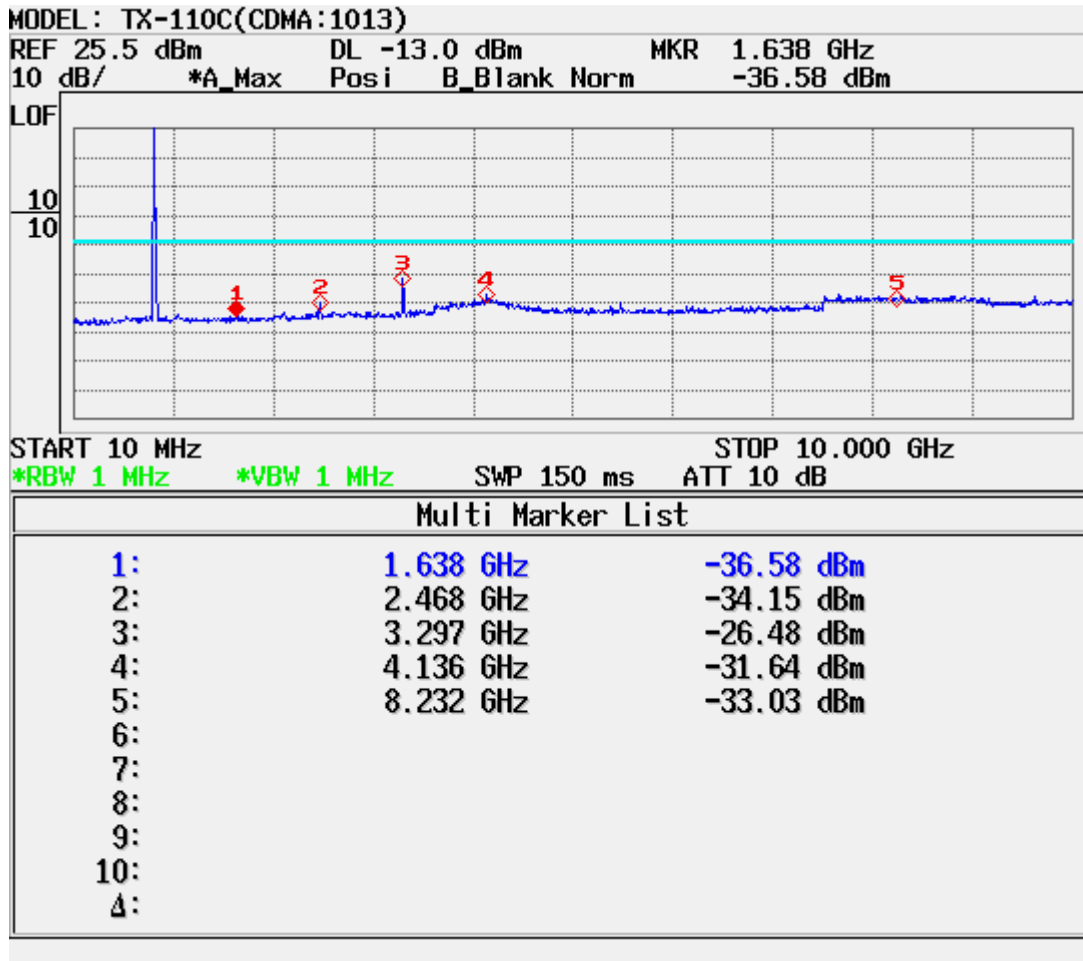
■ AMPS MODE (0383 CH.) Conducted Spurious



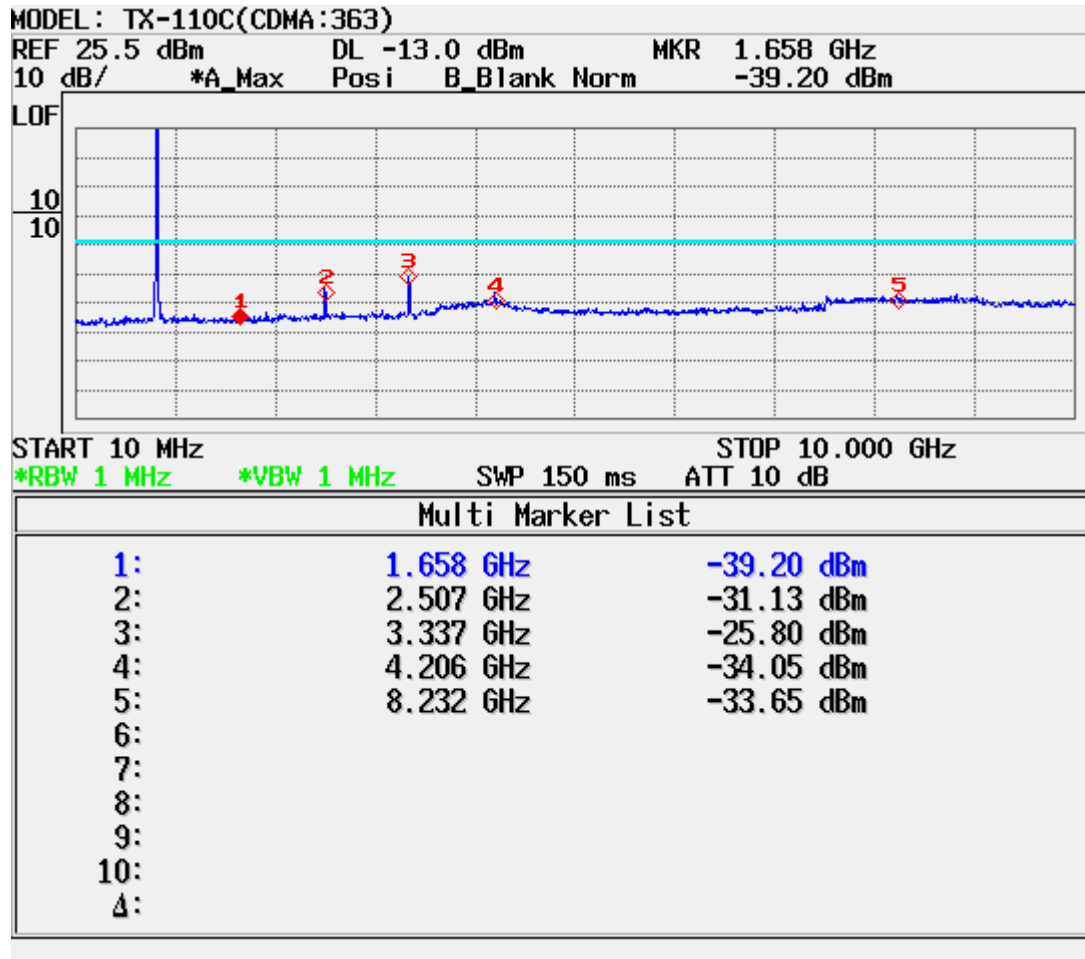
■ AMPS MODE (0799 CH.) Conducted Spurious



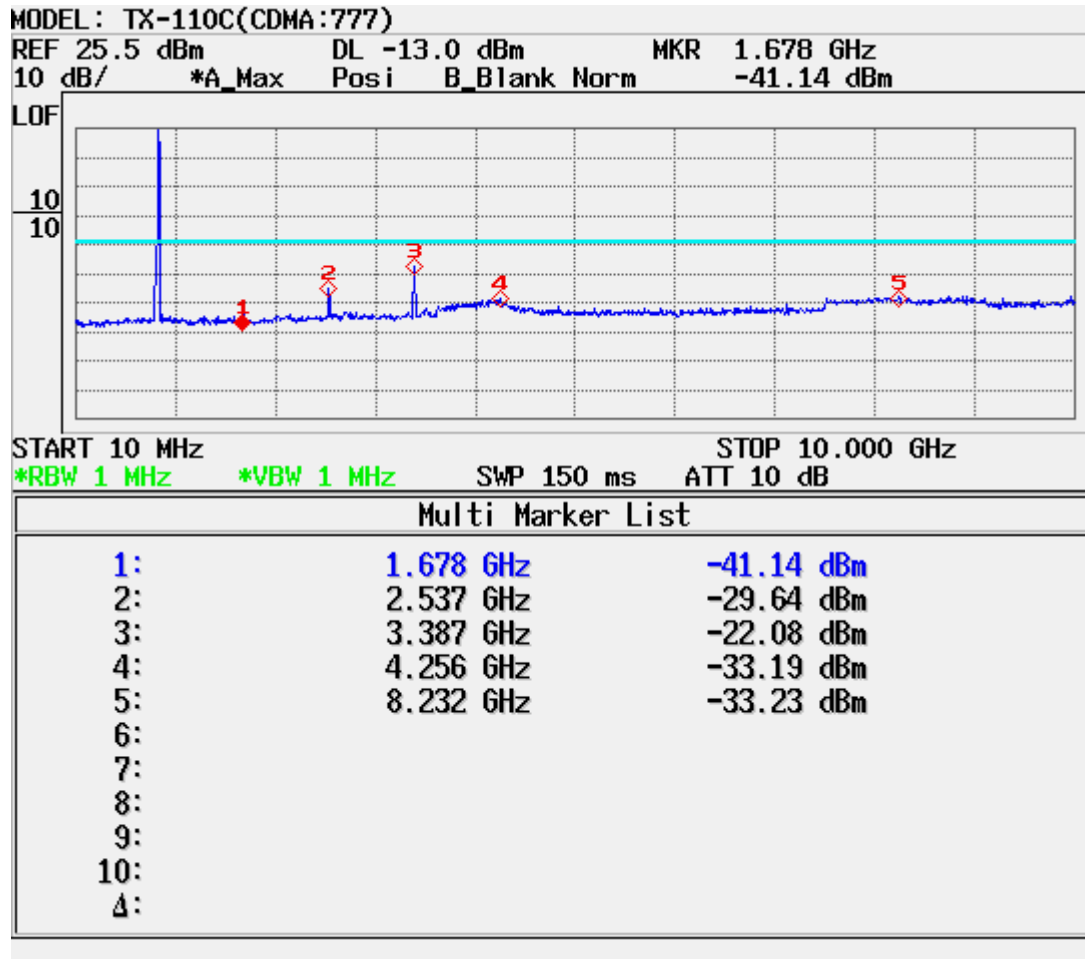
■ CDMA MODE (1013 CH.) Conducted Spurious



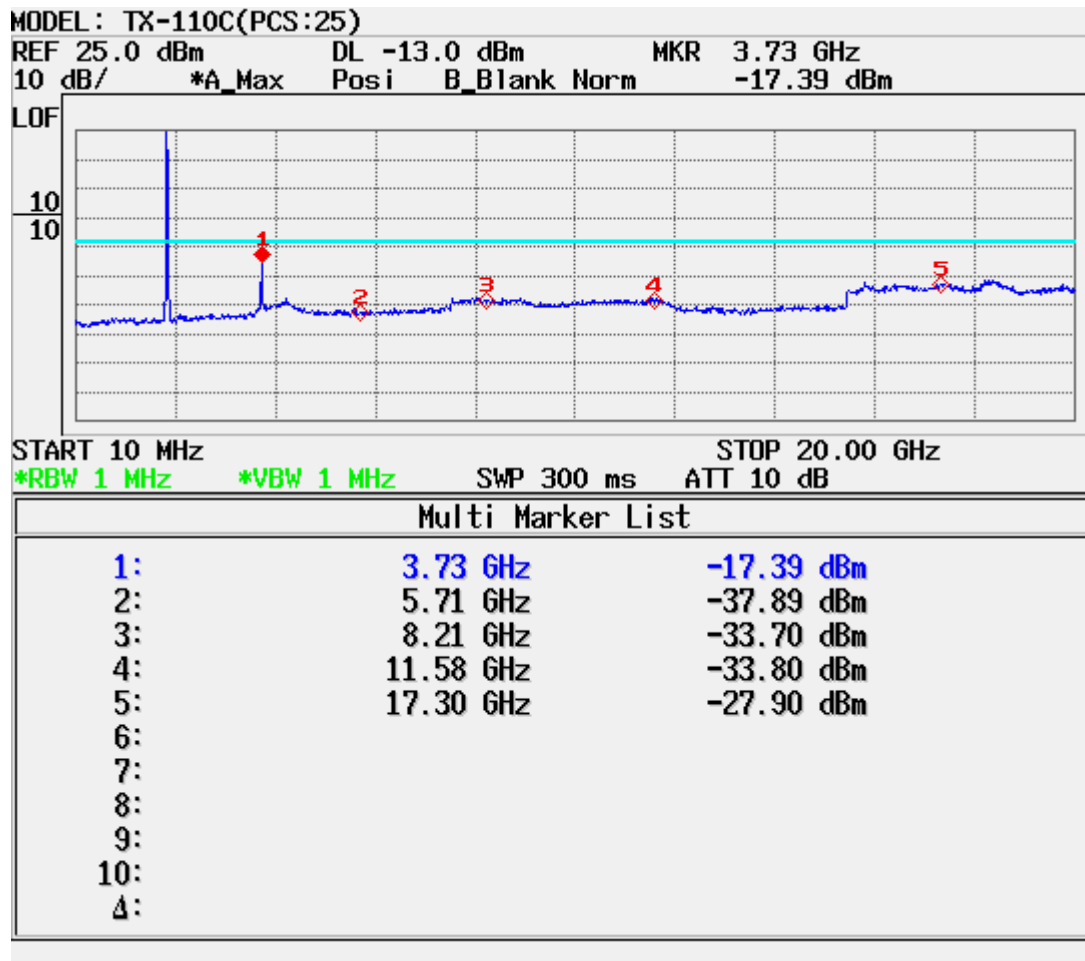
■ CDMA MODE (0363 CH.) Conducted Spurious



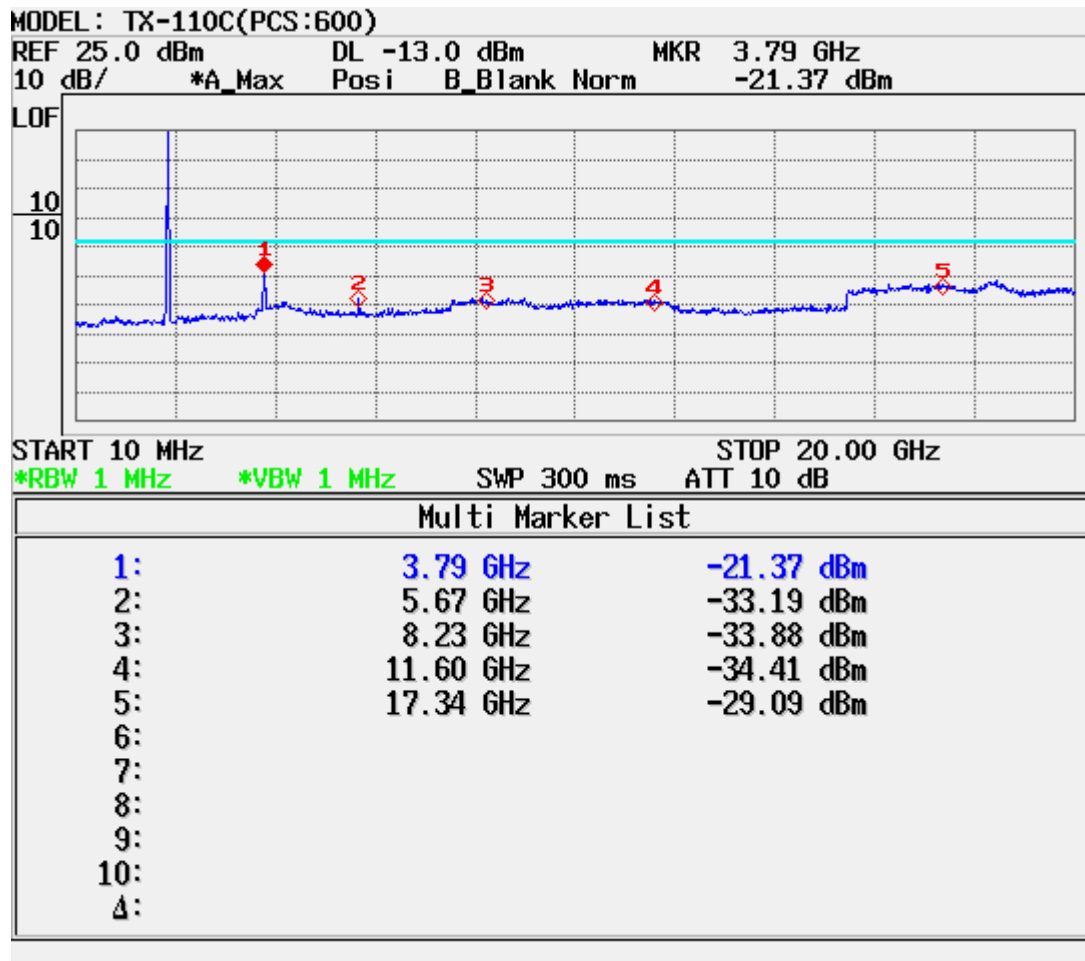
■ CDMA MODE (0777 CH.) Conducted Spurious



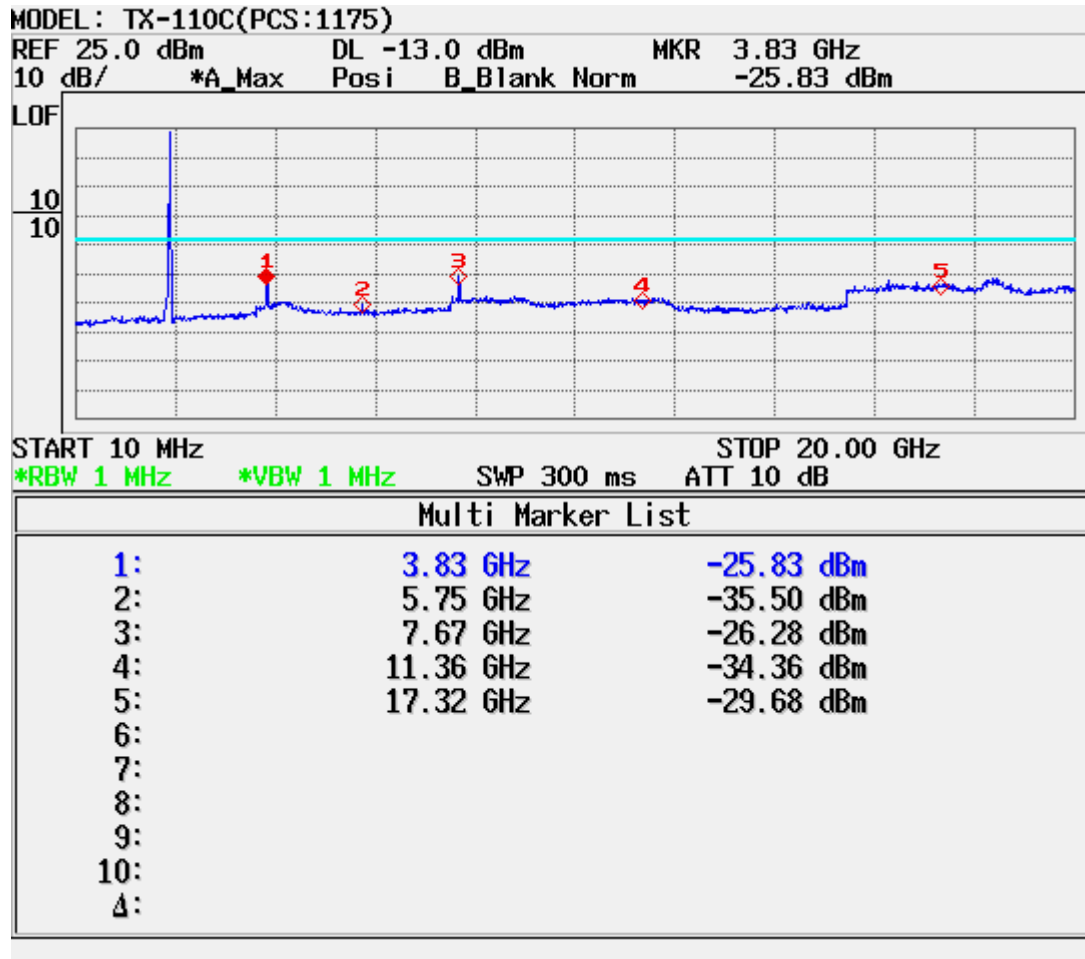
■ PCS CDMA MODE (0025 CH.) Conducted Spurious



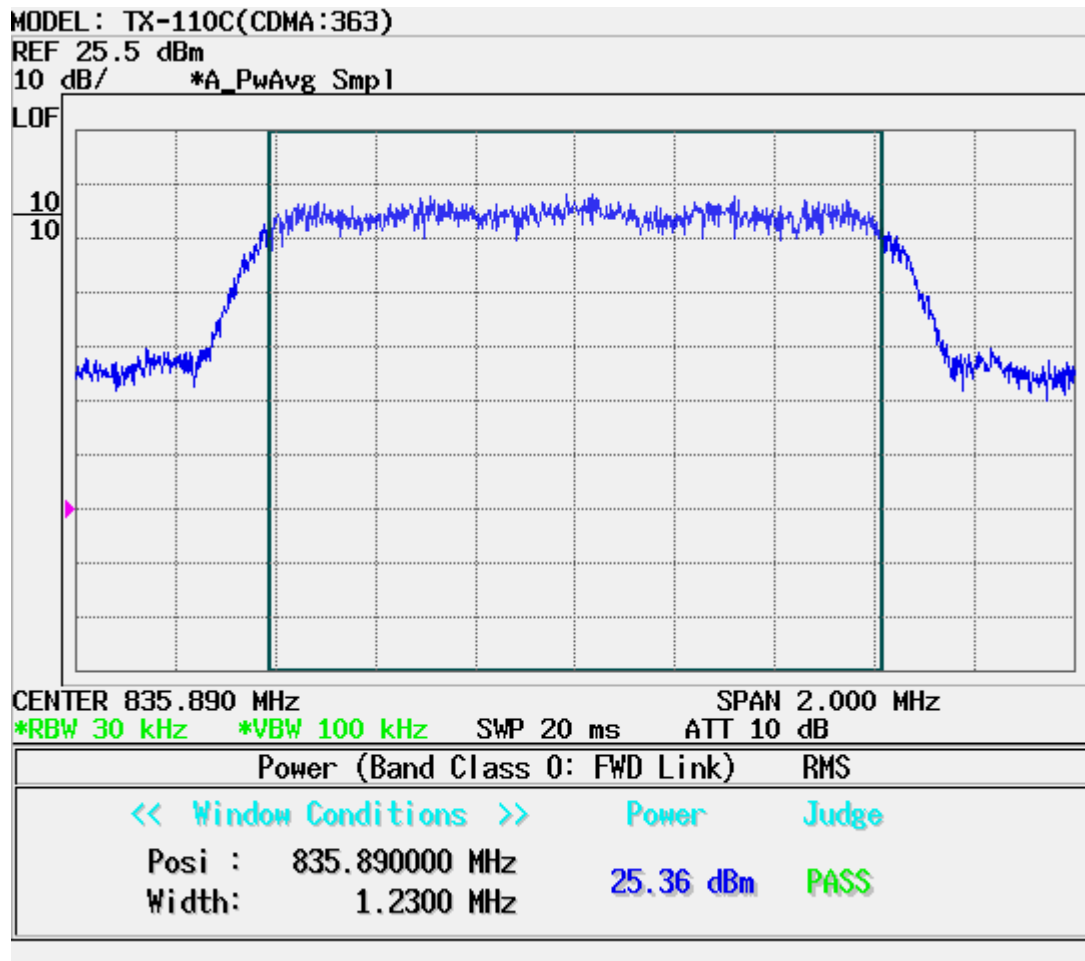
■ PCS CDMA MODE (0600 CH.) Conducted Spurious



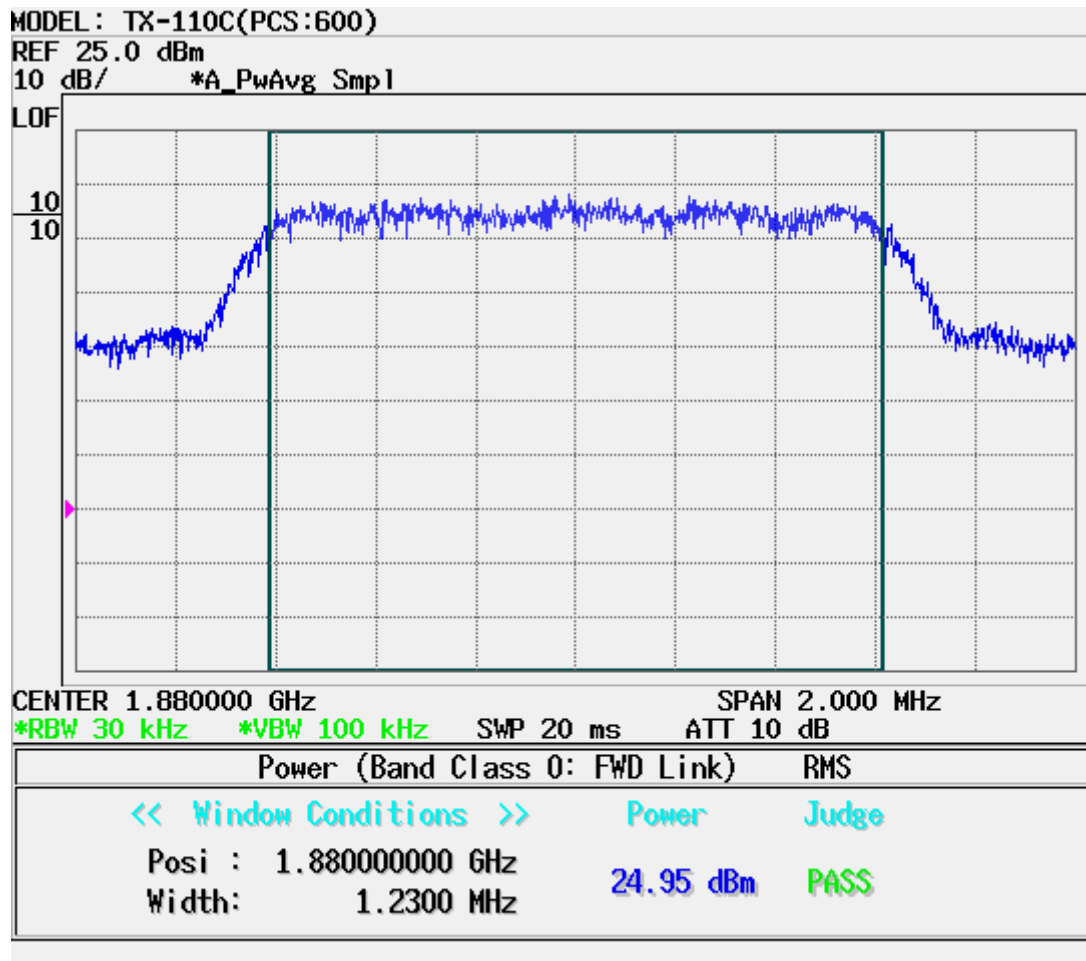
■ PCS CDMA MODE (1175 CH.) Conducted Spurious



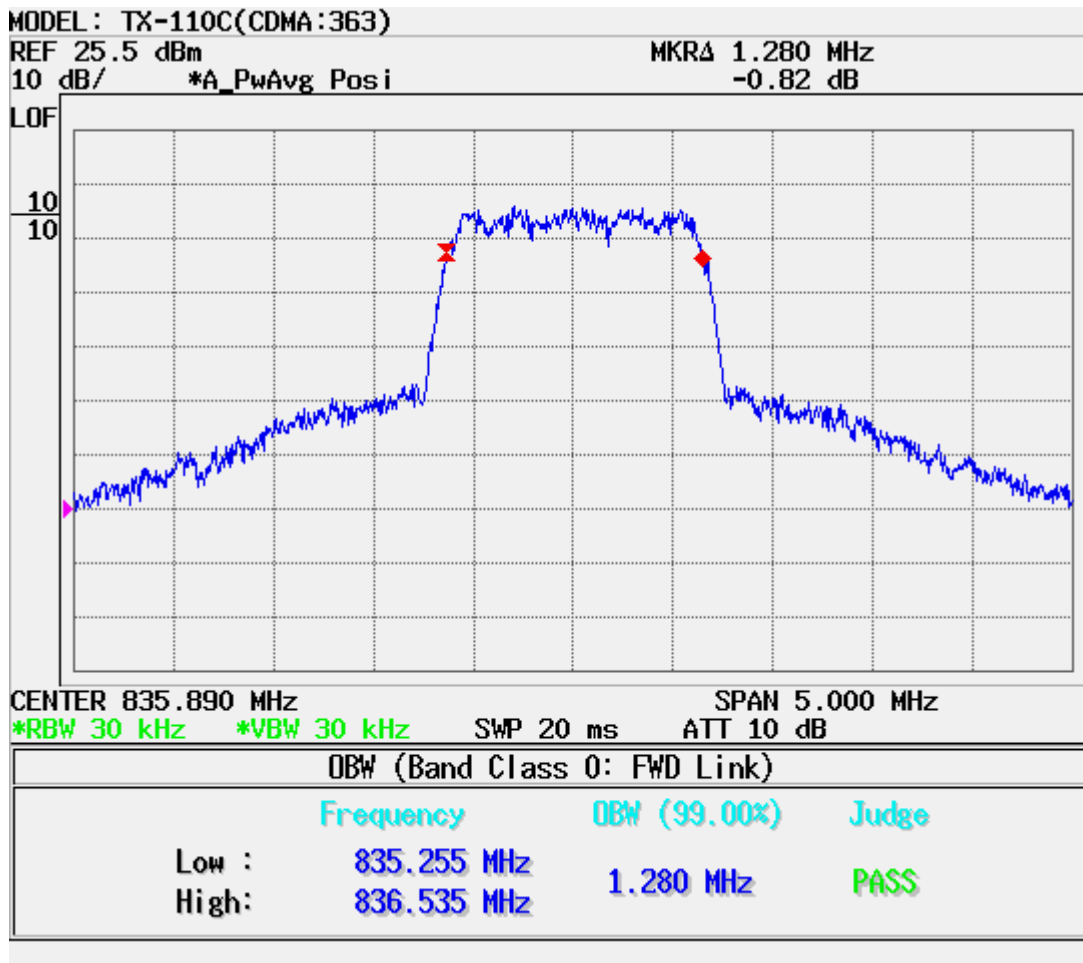
■ CDMA MODE (0363 CH.) : Channel Power



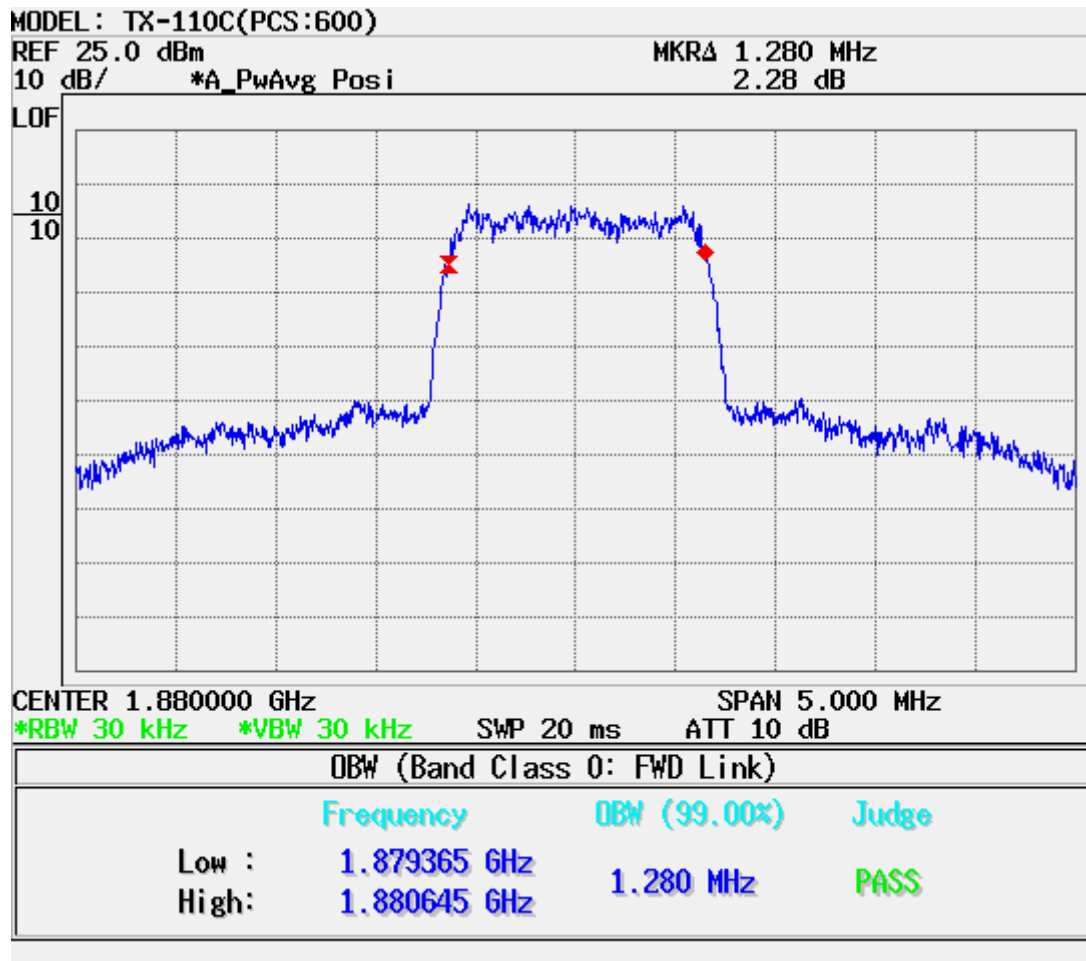
■ PCS CDMA MODE (0600 CH.) : Channel Power



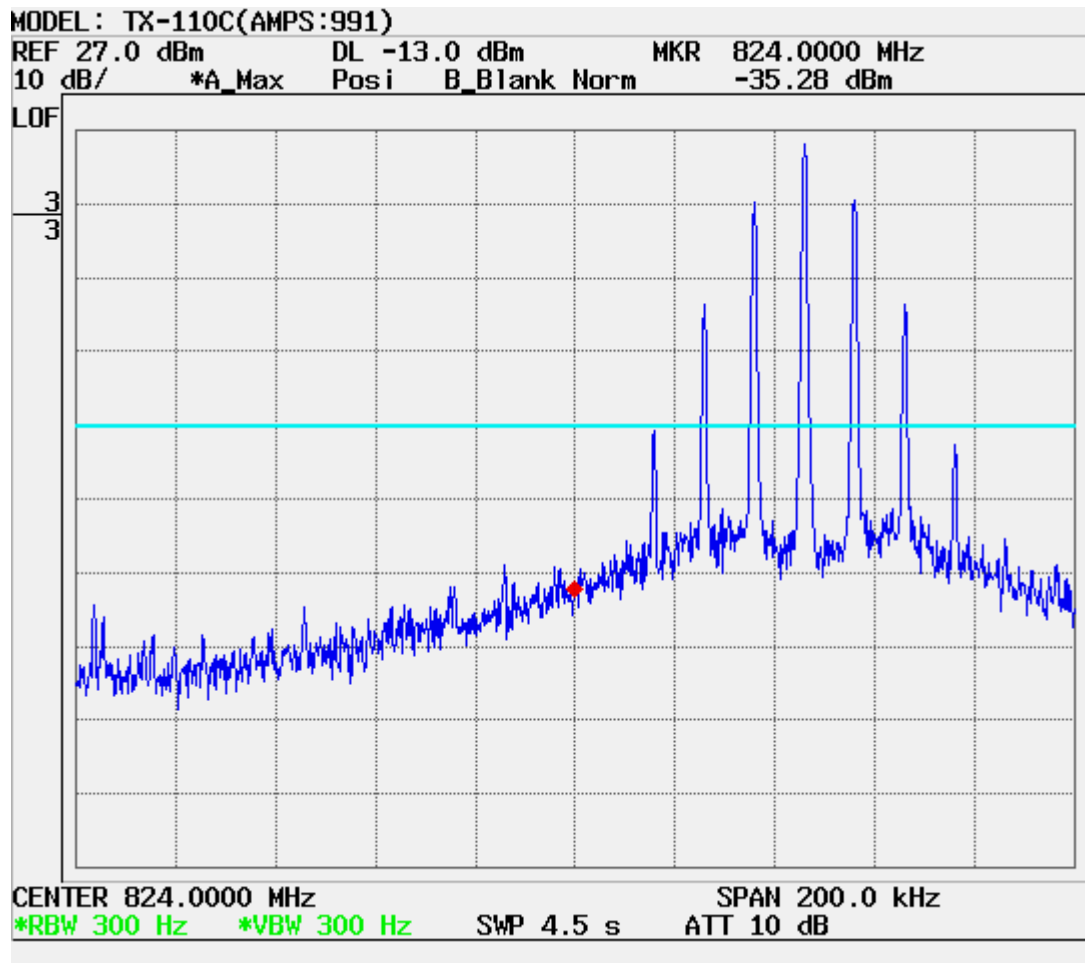
■ CDMA Mode (0363 CH.) : Occupied Bandwidth



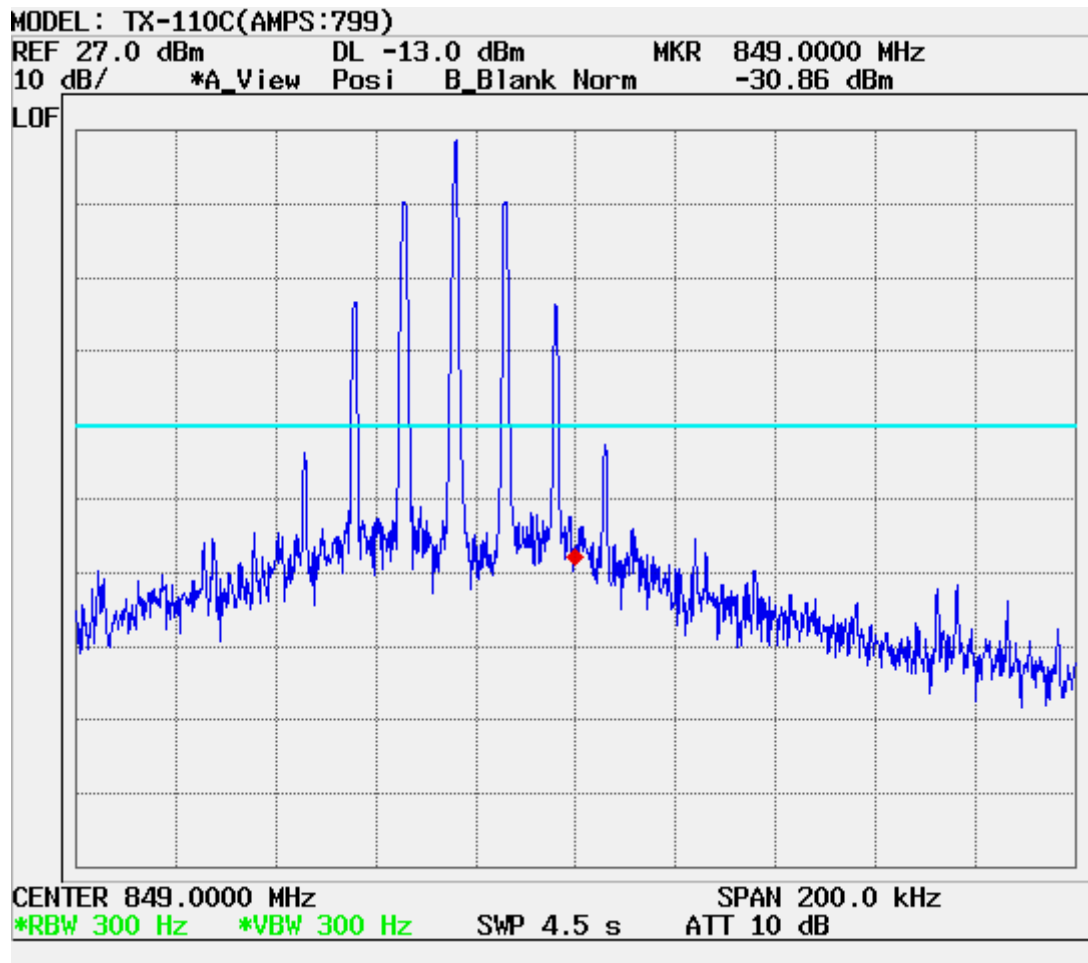
■ PCS CDMA Mode (0600 CH) : Occupied Bandwidth



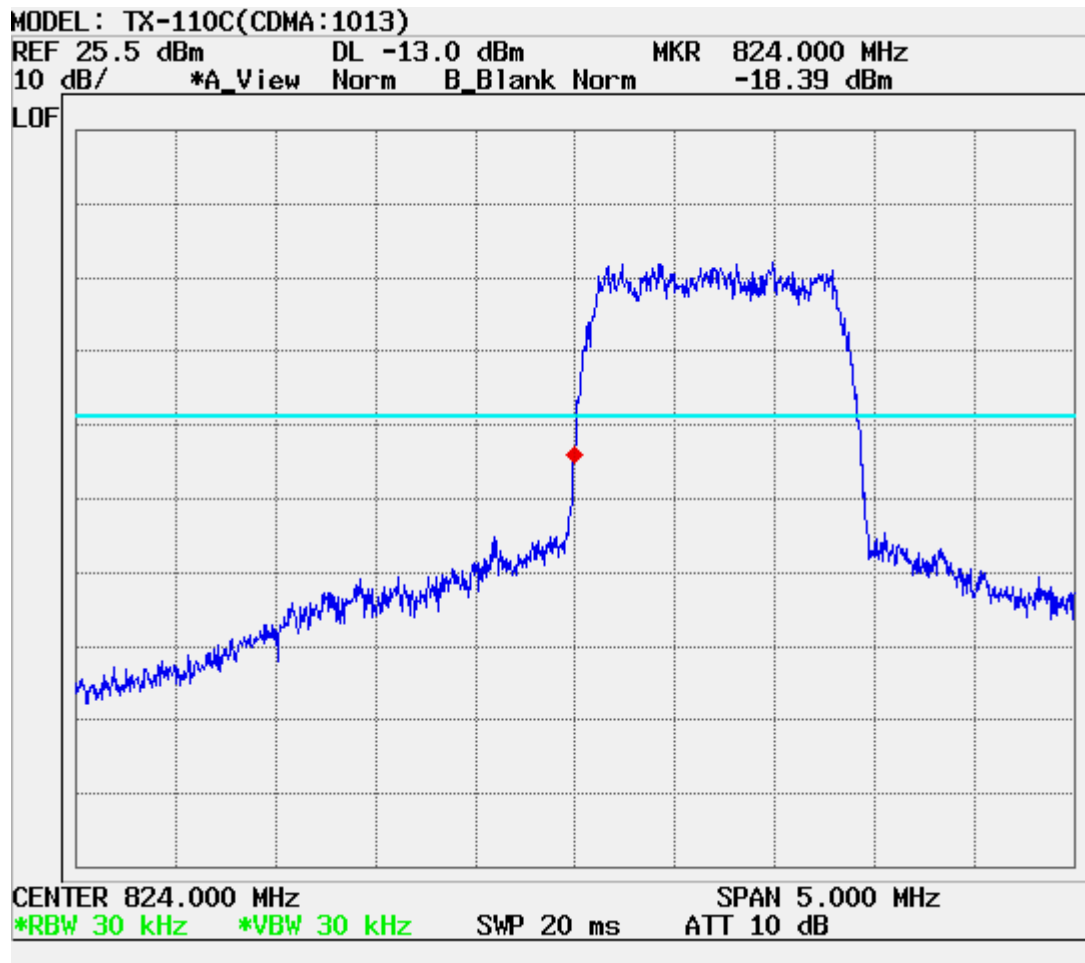
■ AMPS Mode (991 CH.) Block edge



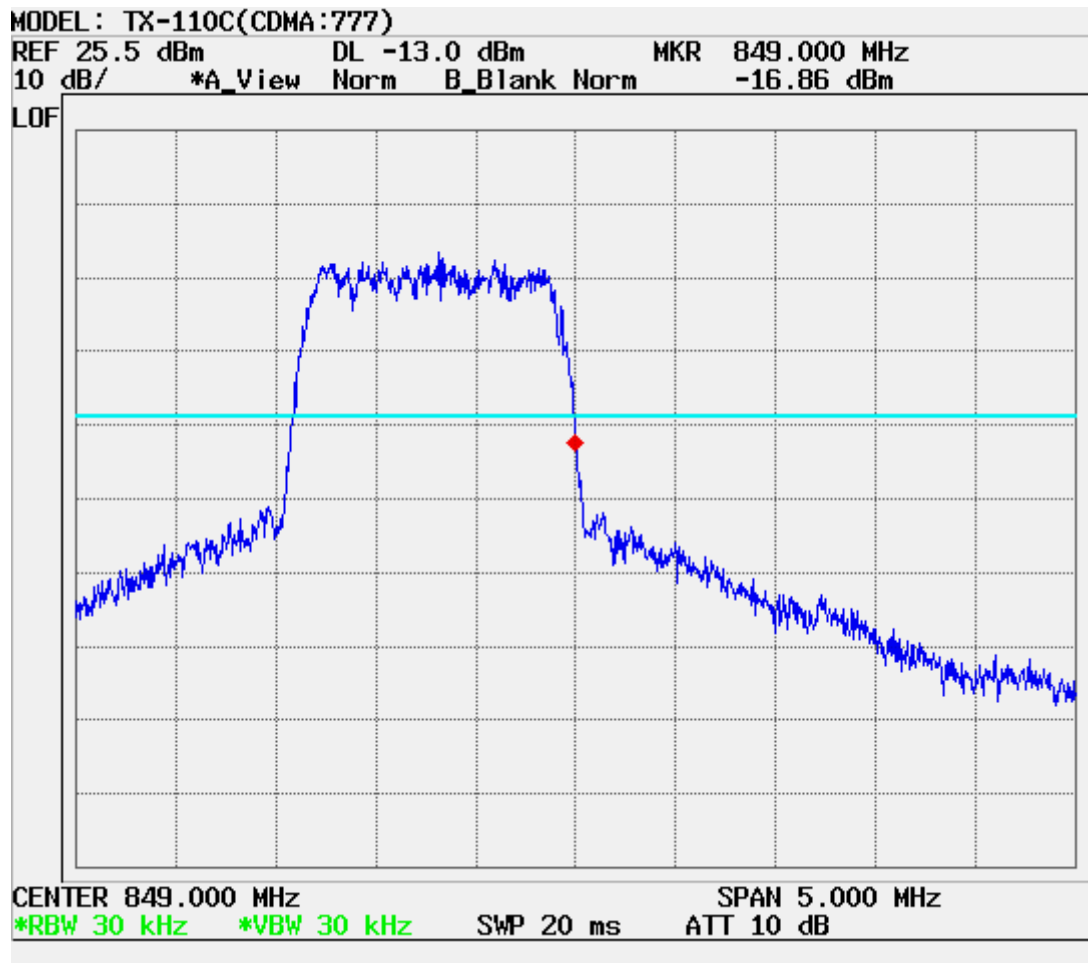
■ AMPS Mode (799 CH.) Band edge



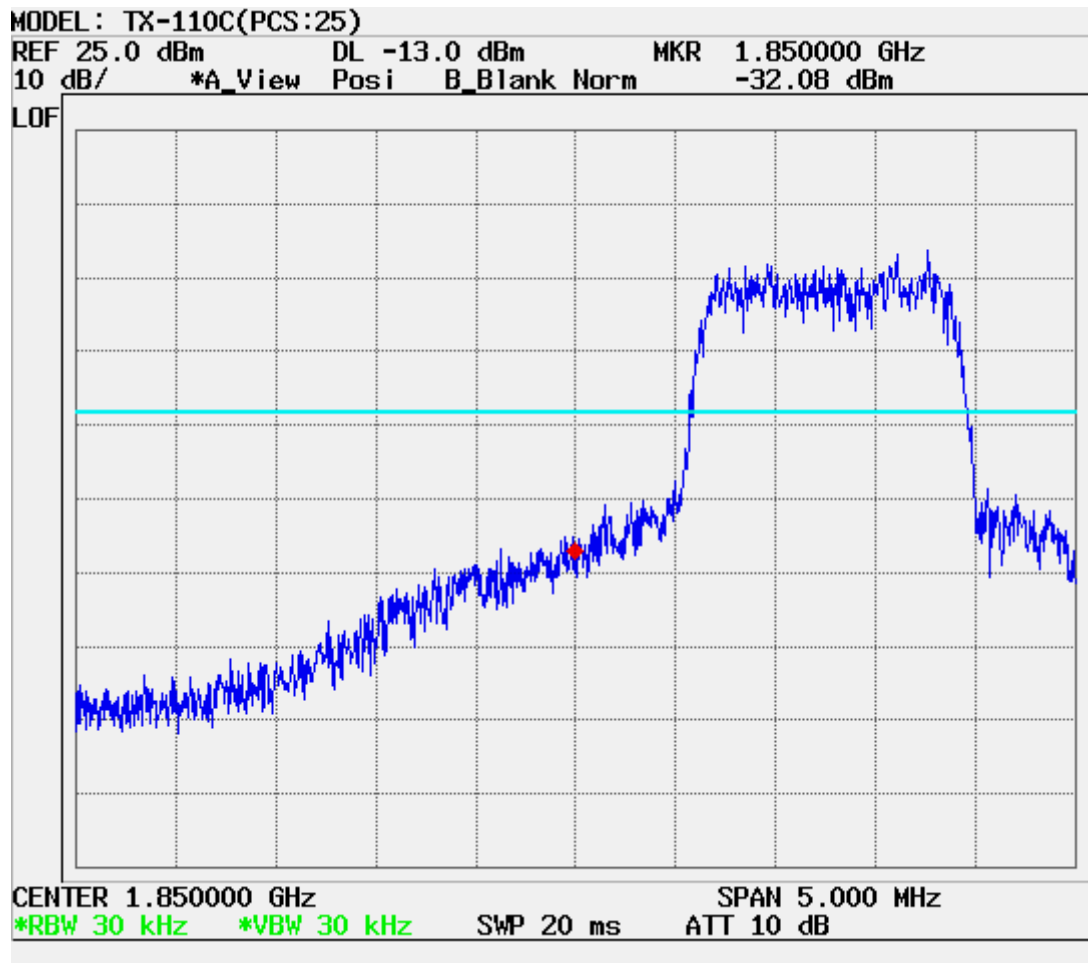
■ CDMA Cellular (1013 CH.) Band Edge



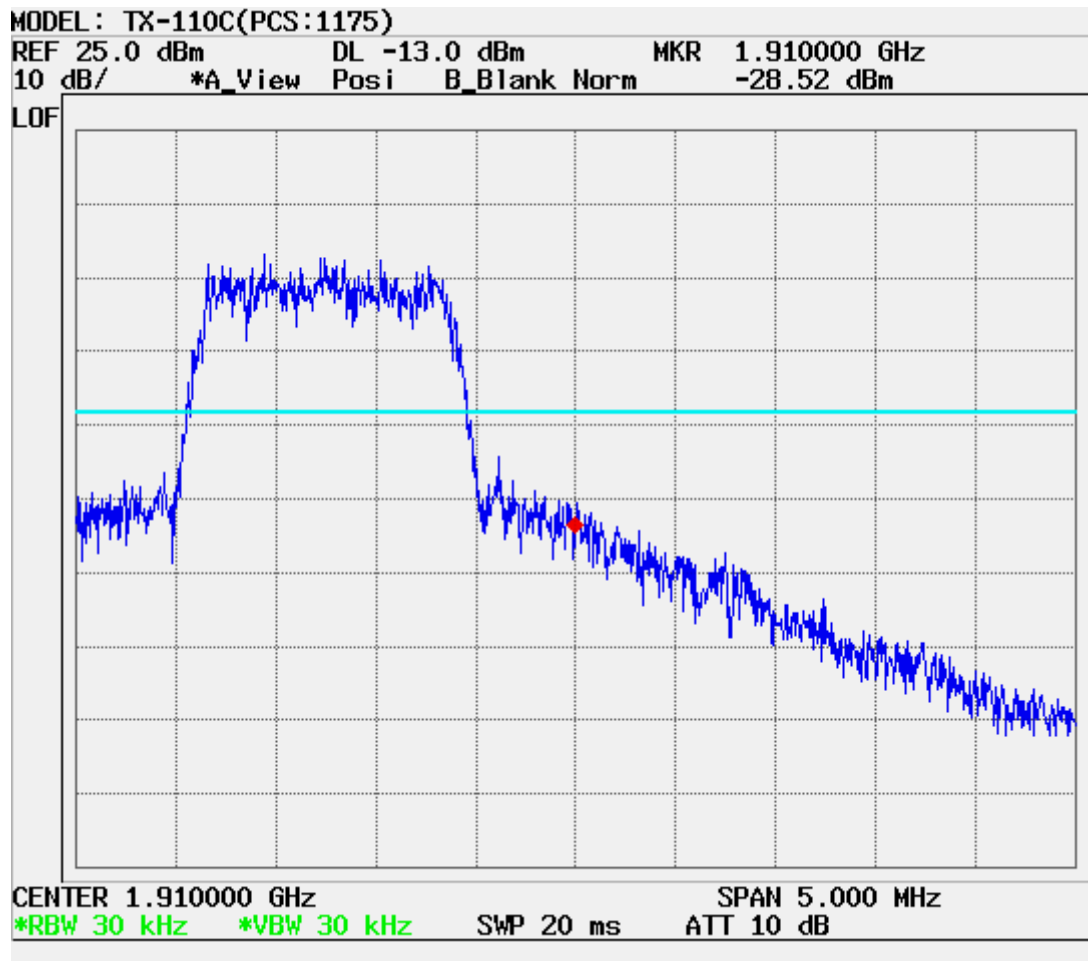
■ CDMA Cellular (777 CH.) Band Edge



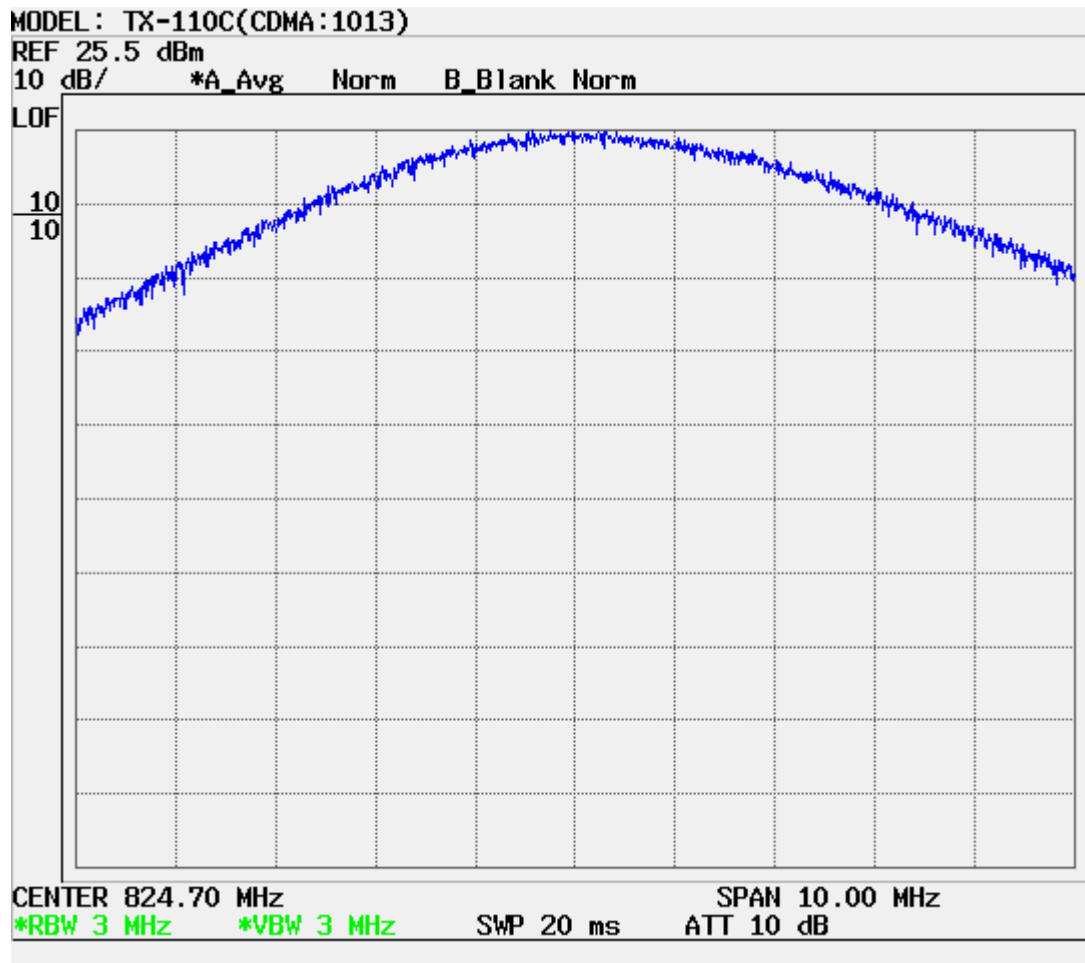
■ PCS Mode Band Edge (25 CH.)



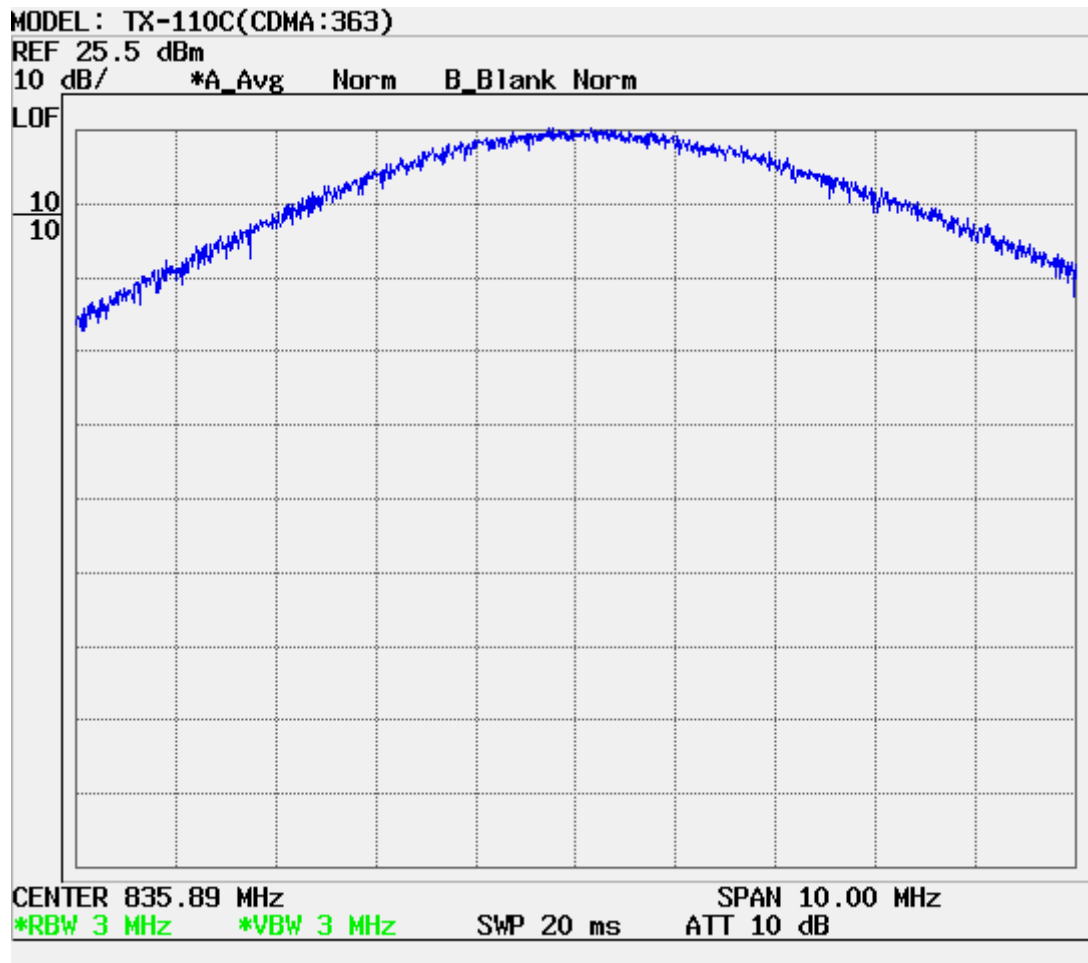
■ PCS Mode Band Edge (1175 CH.)



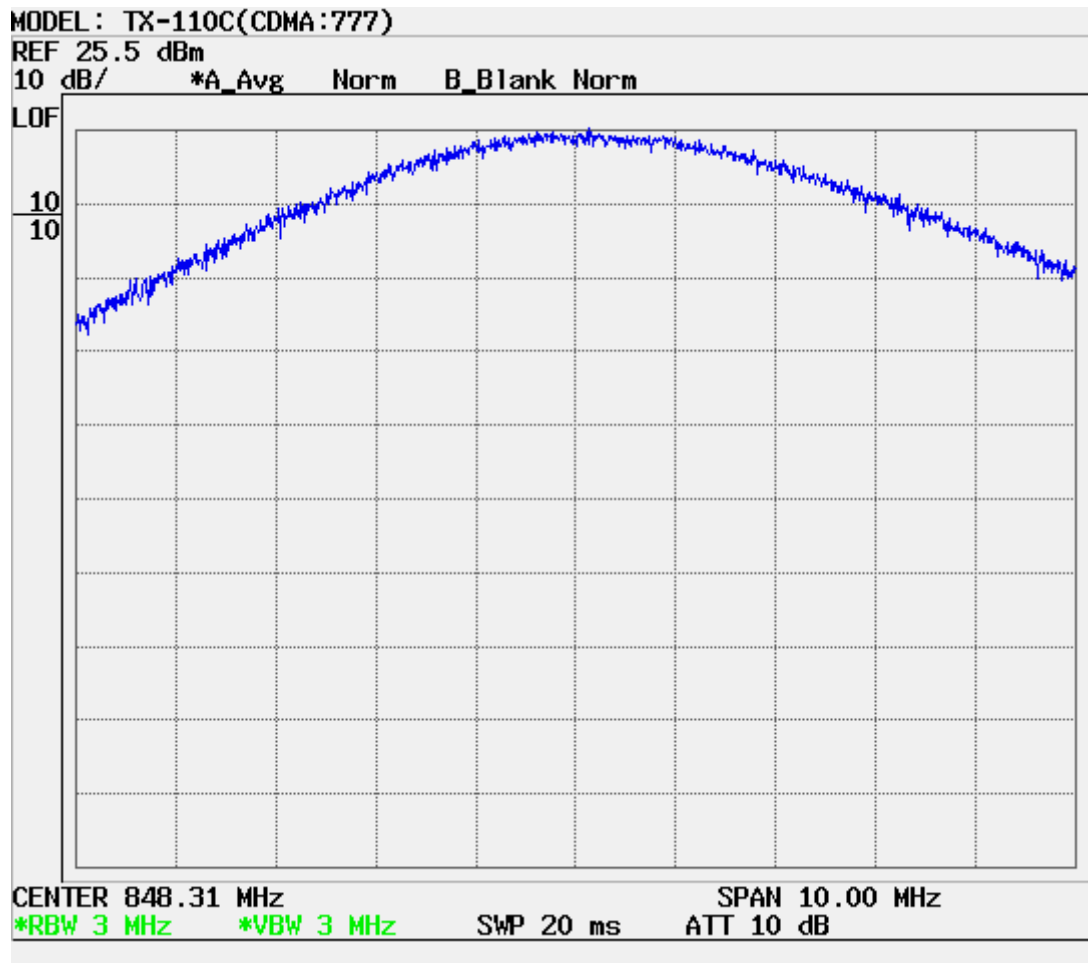
■ CDMA (1013 CH) Test Mode: POWER OUT



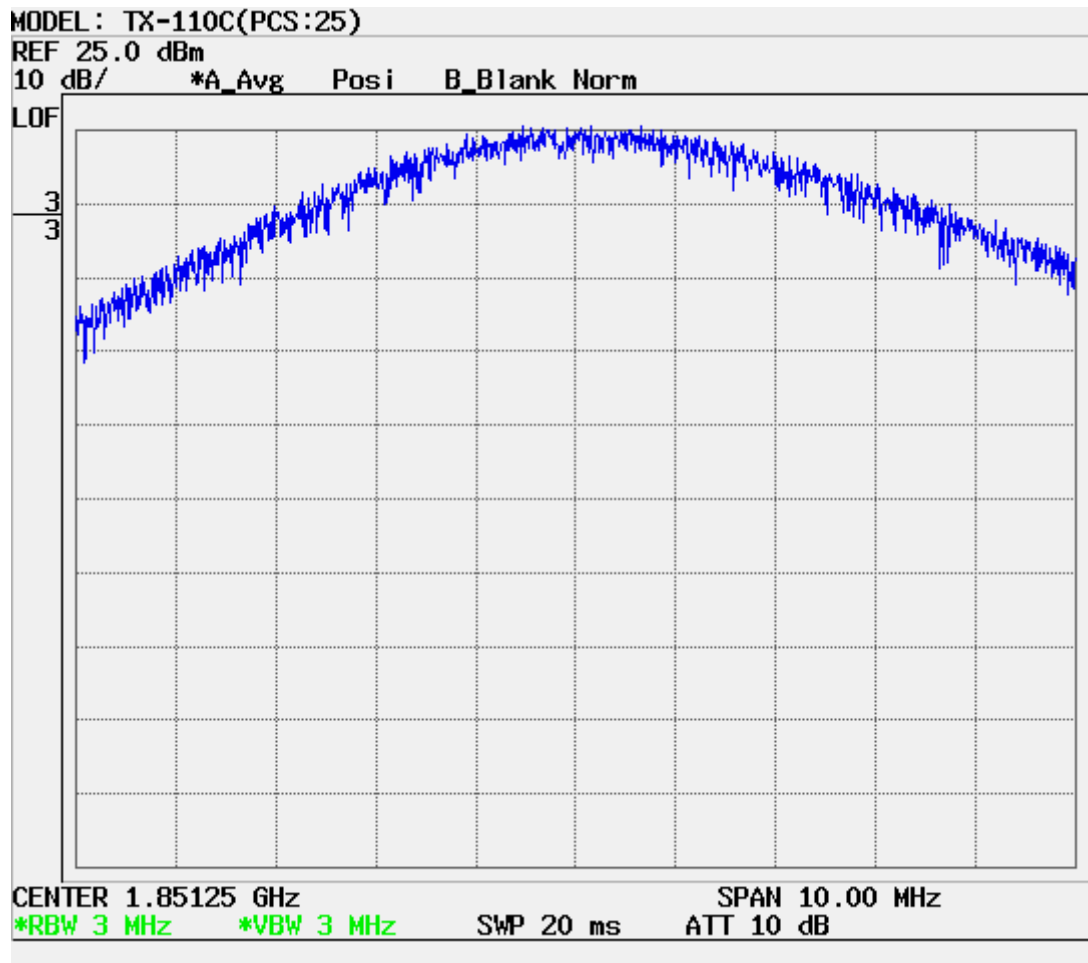
■ CDMA (0363 CH) Test Mode: POWER OUT



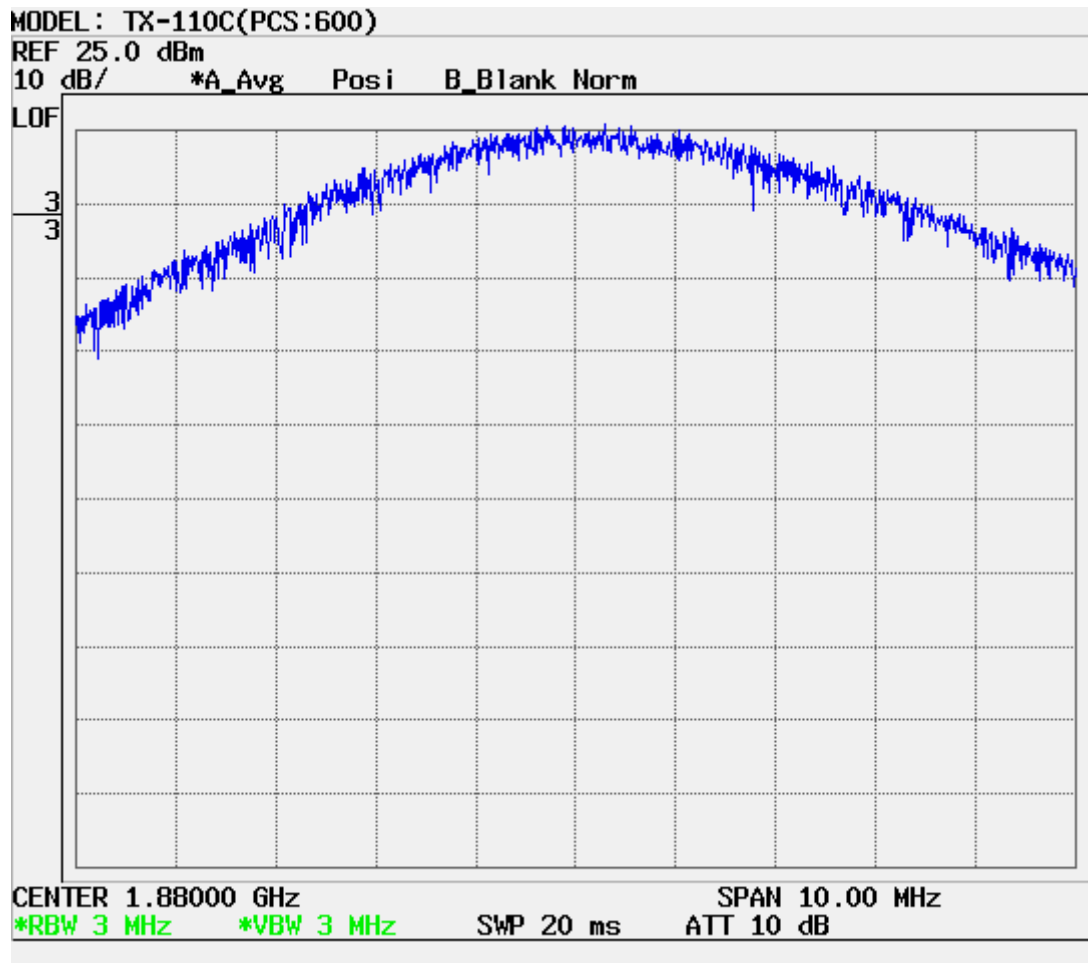
■ CDMA (0777 CH) Test Mode: POWER OUT



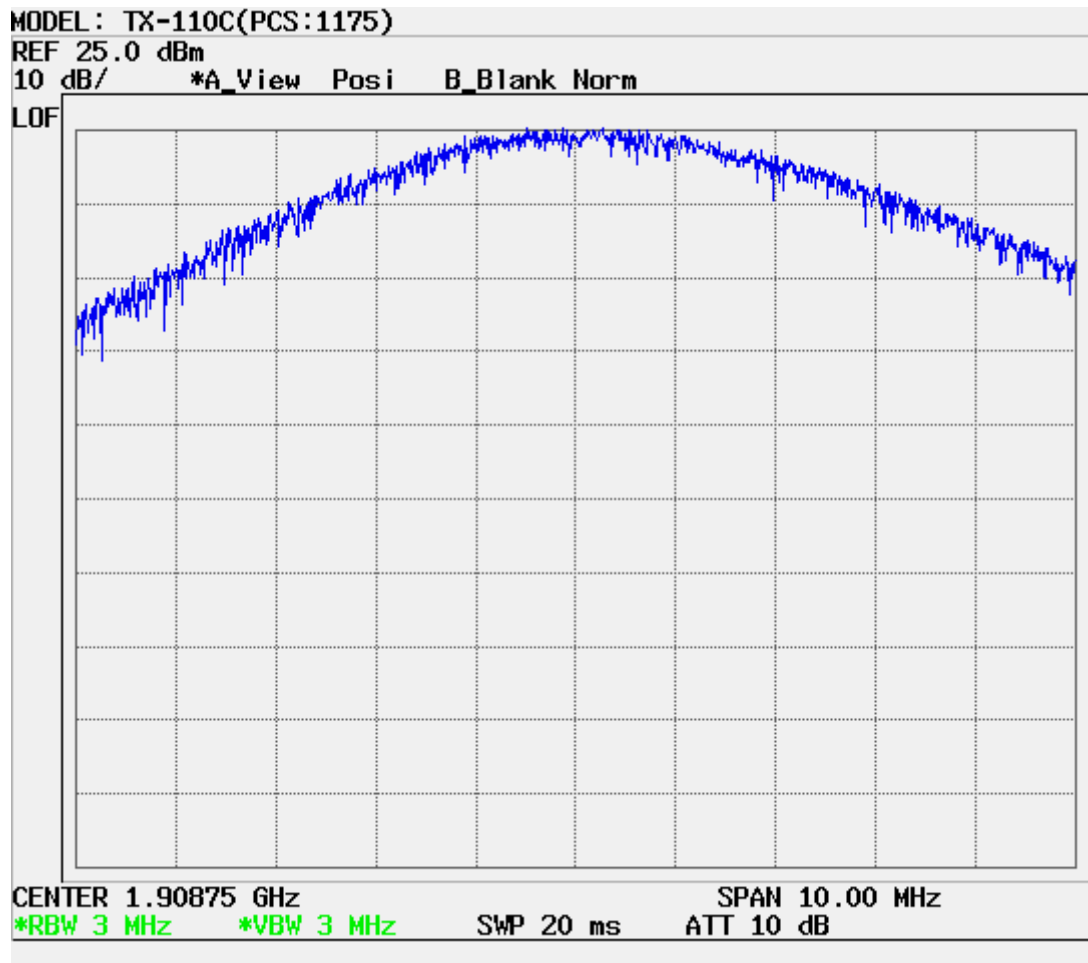
■ PCS CDMA (0025 CH) Test Mode: POWER OUT



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



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



MODEL : TX-110C(AMPS:991)

REF -35.0 dBm DL -80.0 dBm MKR 887.65 MHz
10 dB/ *A_View Posi B_Blank Norm -91.19 dBm

LOF

MARKER
887.65 MHz



START 869.00 MHz STOP 894.00 MHz
*RBW 1 MHz *VBW 1 MHz SWP 20 ms ATT 10 dB

MODEL: TX-110C(AMPS:383)

REF -35.0 dBm

DL -80.0 dBm

MKR 891.65 MHz

10 dB/

*A_View

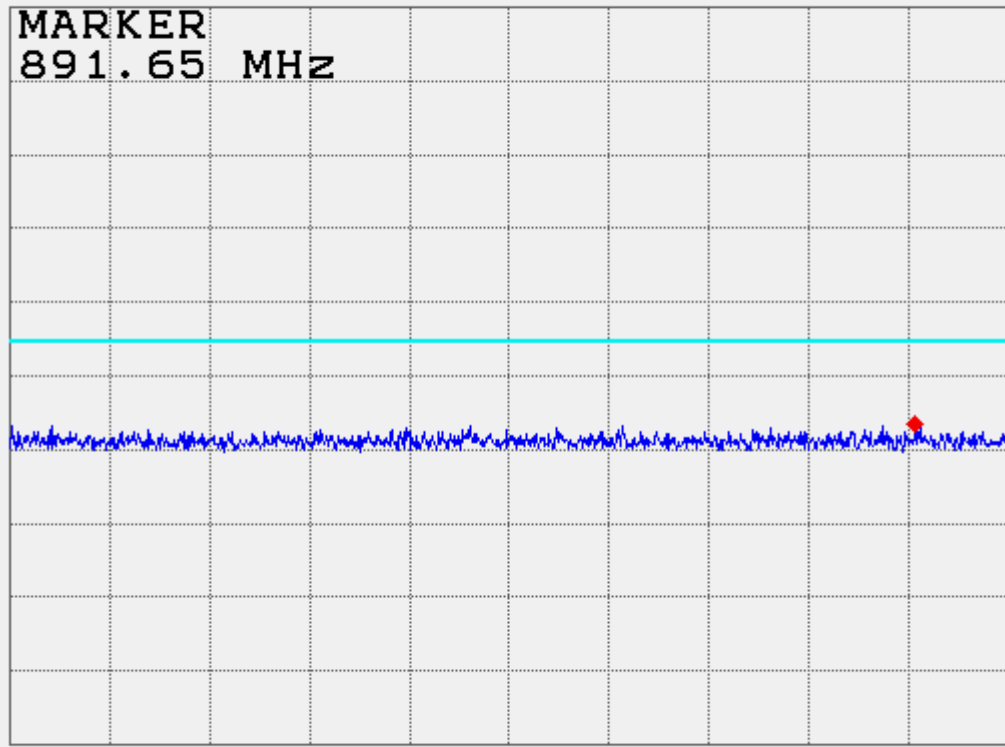
Posi

B_Blank Norm

-91.40 dBm

LOF

MARKER
891.65 MHz



START 869.00 MHz

STOP 894.00 MHz

*RBW 1 MHz

*VBW 1 MHz

SWP 20 ms

ATT 10 dB

MODEL: TX-110C(AMPS:799)

REF -35.0 dBm

DL -80.0 dBm

MKR 879.80 MHz

10 dB/

*A_View

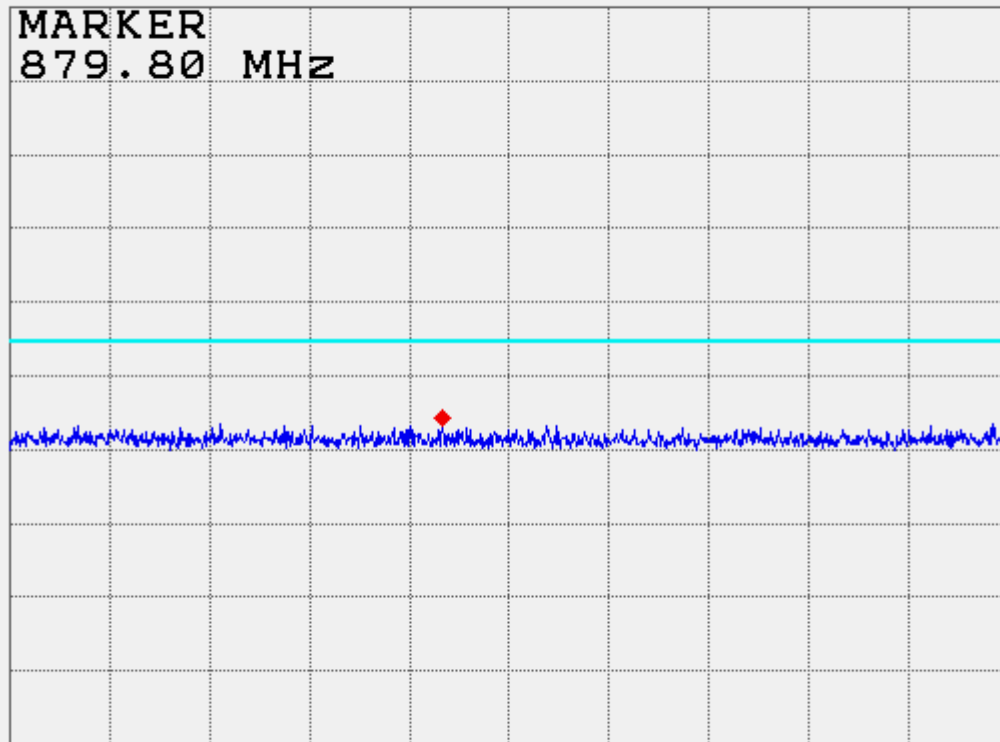
Posi

B_Blank Norm

-90.75 dBm

LOF

MARKER
879.80 MHz



START 869.00 MHz

STOP 894.00 MHz

*RBW 1 MHz

*VBW 1 MHz

SWP 20 ms

ATT 10 dB

MODEL: TX-110C(CDMA:1013)

REF -35.0 dBm

DL -80.0 dBm

MKR 874.85 MHz

10 dB/

*A_View

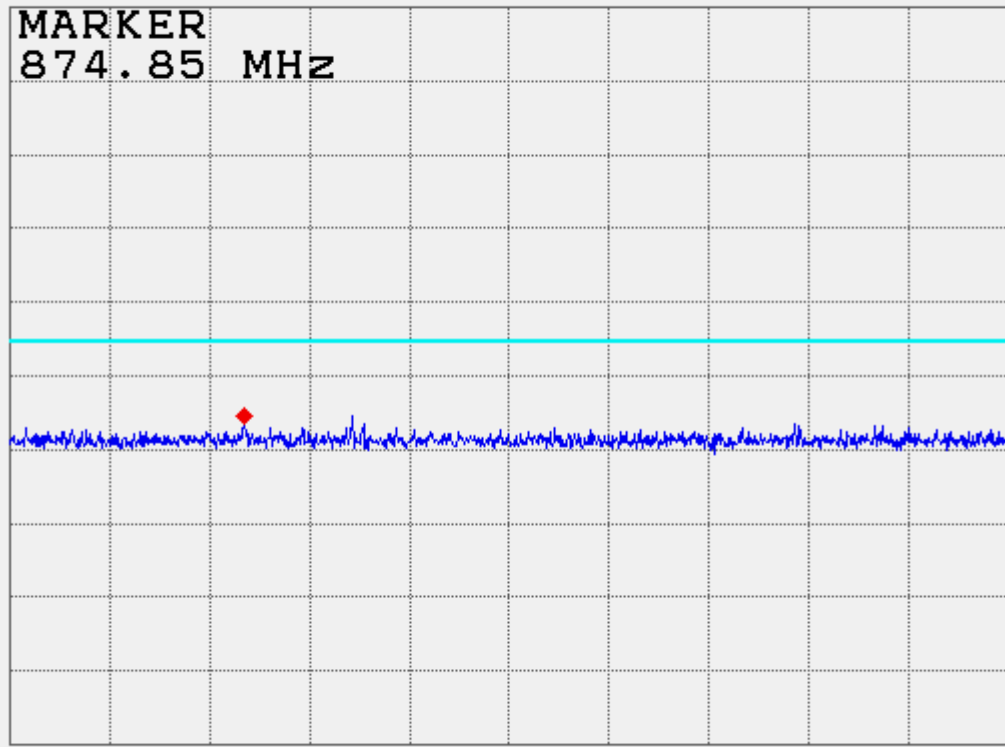
Posi

B_Blank Norm

-90.37 dBm

LOF

MARKER
874.85 MHz



START 869.00 MHz

STOP 894.00 MHz

*RBW 1 MHz

*VBW 1 MHz

SWP 20 ms

ATT 10 dB

MODEL: TX-110C(CDMA:363)

REF -35.0 dBm

DL -80.0 dBm

MKR 872.27 MHz

10 dB/

*A_View

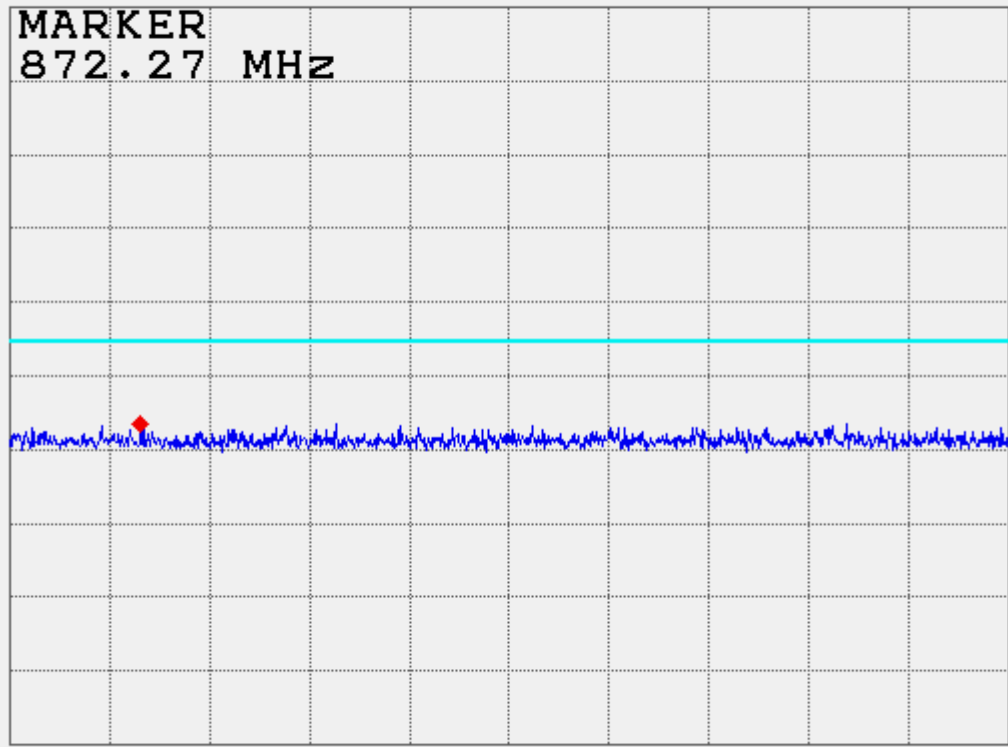
Posi

B_Blank Norm

-91.57 dBm

LOF

MARKER
872.27 MHz



START 869.00 MHz

STOP 894.00 MHz

*RBW 1 MHz

*VBW 1 MHz

SWP 20 ms

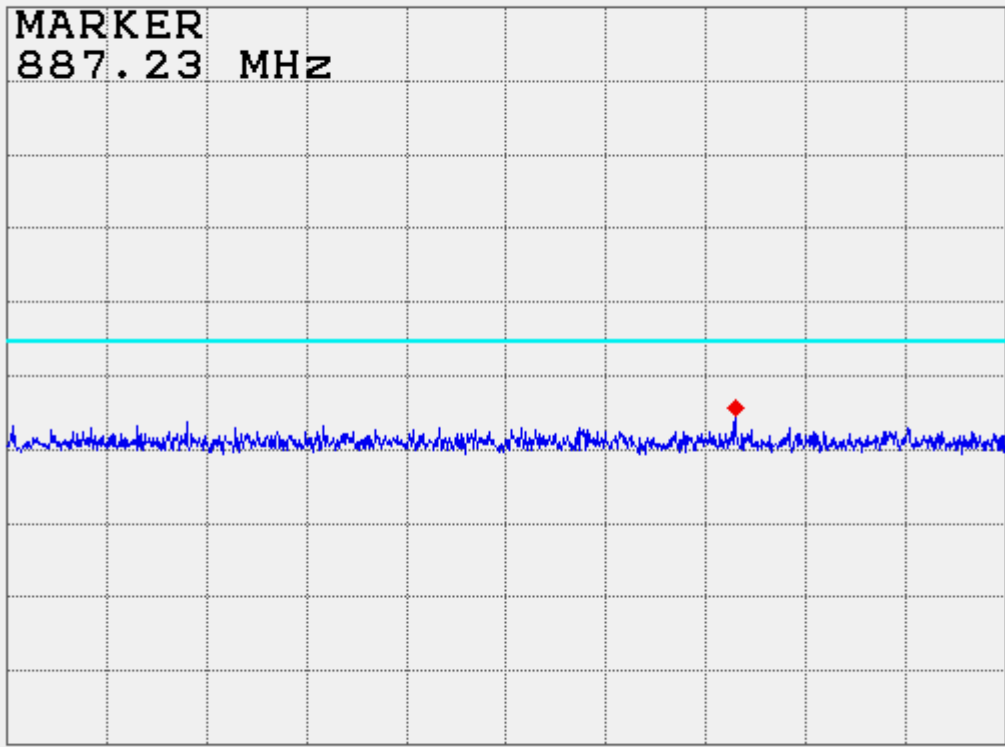
ATT 10 dB

MODEL: TX-110C(CDMA:777)

REF -35.0 dBm DL -80.0 dBm MKR 887.23 MHz
10 dB/ *A_View Posi B_Blank Norm -89.24 dBm

LOF

MARKER
887.23 MHz



START 869.00 MHz STOP 894.00 MHz
*RBW 1 MHz *VBW 1 MHz SWP 20 ms ATT 10 dB

Modulation Limiting

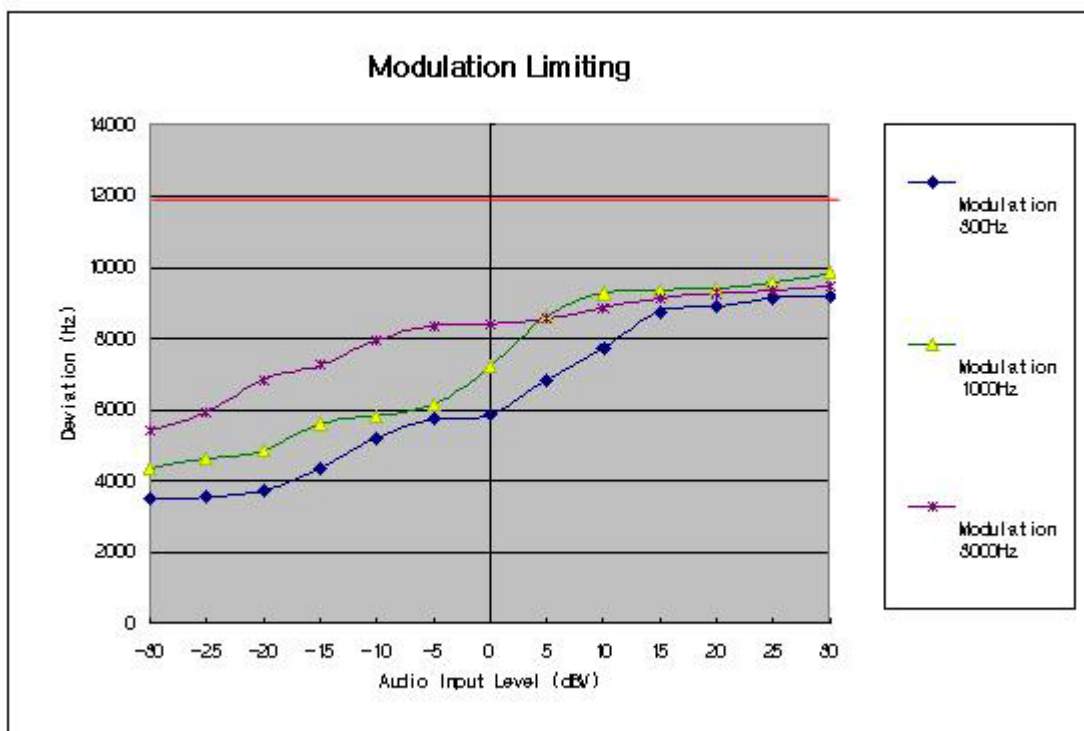
SUBJECT: Modulation Characteristics(FCC Part 22)

FCC ID: PP4TX-110C

EUT: Hyundai Curitel Inc, Tri- Mode Phone

REFERENCE: 1KHz = 0 dB

Input(dBV)	Modulation		
	300Hz	1000Hz	3000Hz
30	9170	9840	9450
25	9150	9560	9360
20	8890	9430	9270
15	8760	9350	9150
10	7740	9270	8870
5	6850	8630	8560
0	5860	7200	8410
-5	5740	6150	8360
-10	5210	5830	7950
-15	4360	5620	7250
-20	3740	4850	6850
-25	3560	4620	5930
-30	3490	4370	5420



Frequency Response of Audio Low Pass Filter

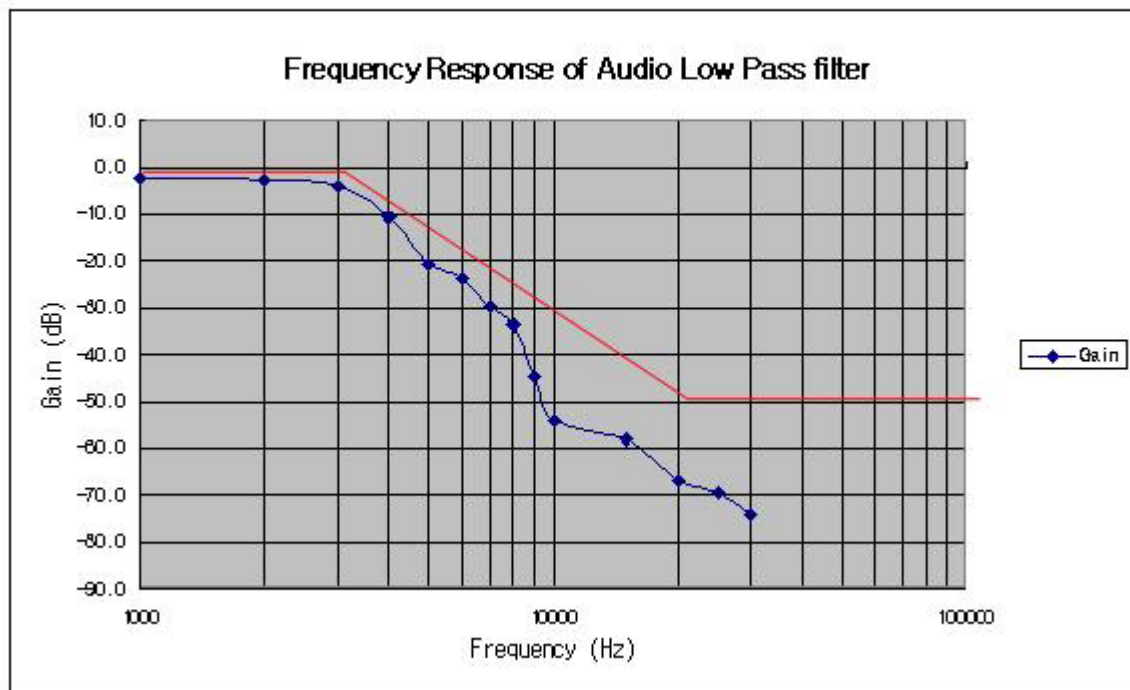
SUBJECT: Modulation Characteristics(FCC Part 22)

FCC ID: PP4TX-110C

EUT: Hyundai CuiTel Inc, Tri-Mode Phone

REFERENCE: 1KHz = 0 dB

Frequency (Hz)	Gain (dB)
1000	-2.2
2000	-2.7
3000	-3.9
4000	-10.7
5000	-20.6
6000	-23.6
7000	-29.8
8000	-33.7
9000	-44.5
10000	-53.9
15000	-58.1
20000	-66.7
25000	-69.5
30000	-74.1



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	-11,2
800	-2,5
1000	0,0
1300	2,3
1800	4,8
2300	7,3
2800	6,9
3000	5,8
3000	-3,7
4000	-19,5
5000	-27,6
5900	-35,2
5900	-41,7
6100	-42,8
8000	-45,2
10000	-47,6
12000	-48,6
15000	-48,7
18000	-49,1
20000	-48,6

