

3.6 CONDUCTED SPURIOUS EMISSIONS

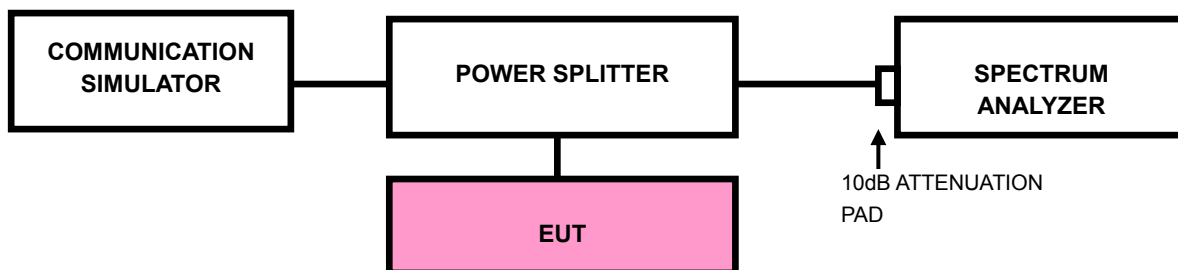
3.6.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm.

3.6.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 30MHz~26GHz for LTE Band 7 & 30MHz~27GHz for LTE Band 38. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz are used for conducted emission measurement.

3.6.3 TEST SETUP



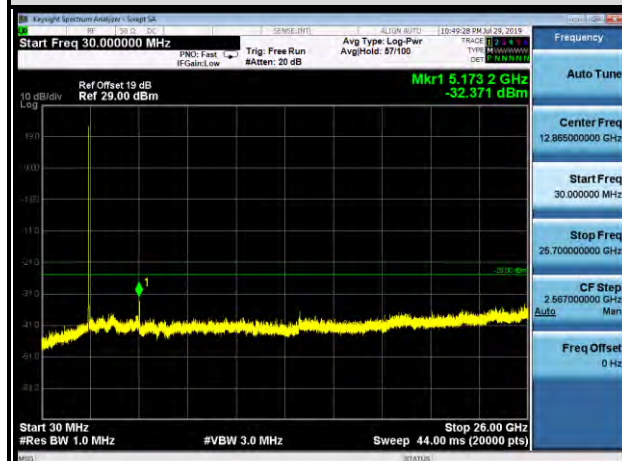
3.6.4 TEST RESULTS

LTE BAND 7

5MHz / QPSK

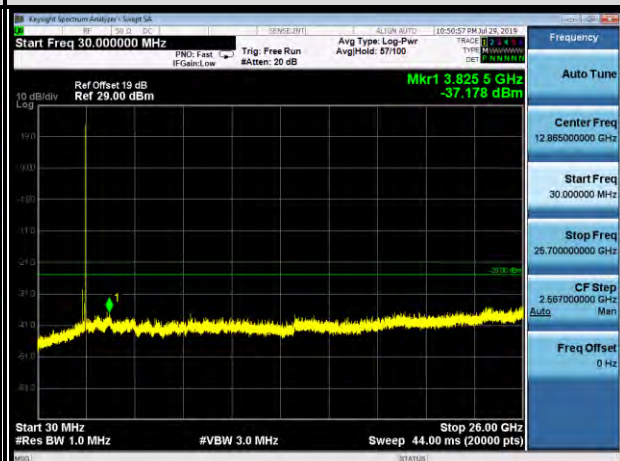
CHANNEL 20775

FREQUENCY RANGE: 30MHz~26GHz



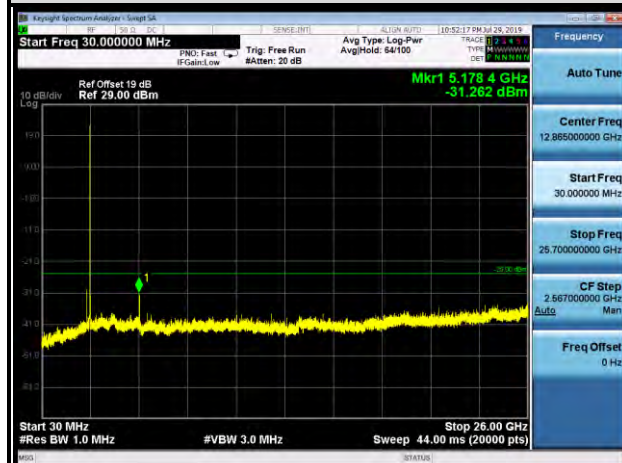
CHANNEL 21100

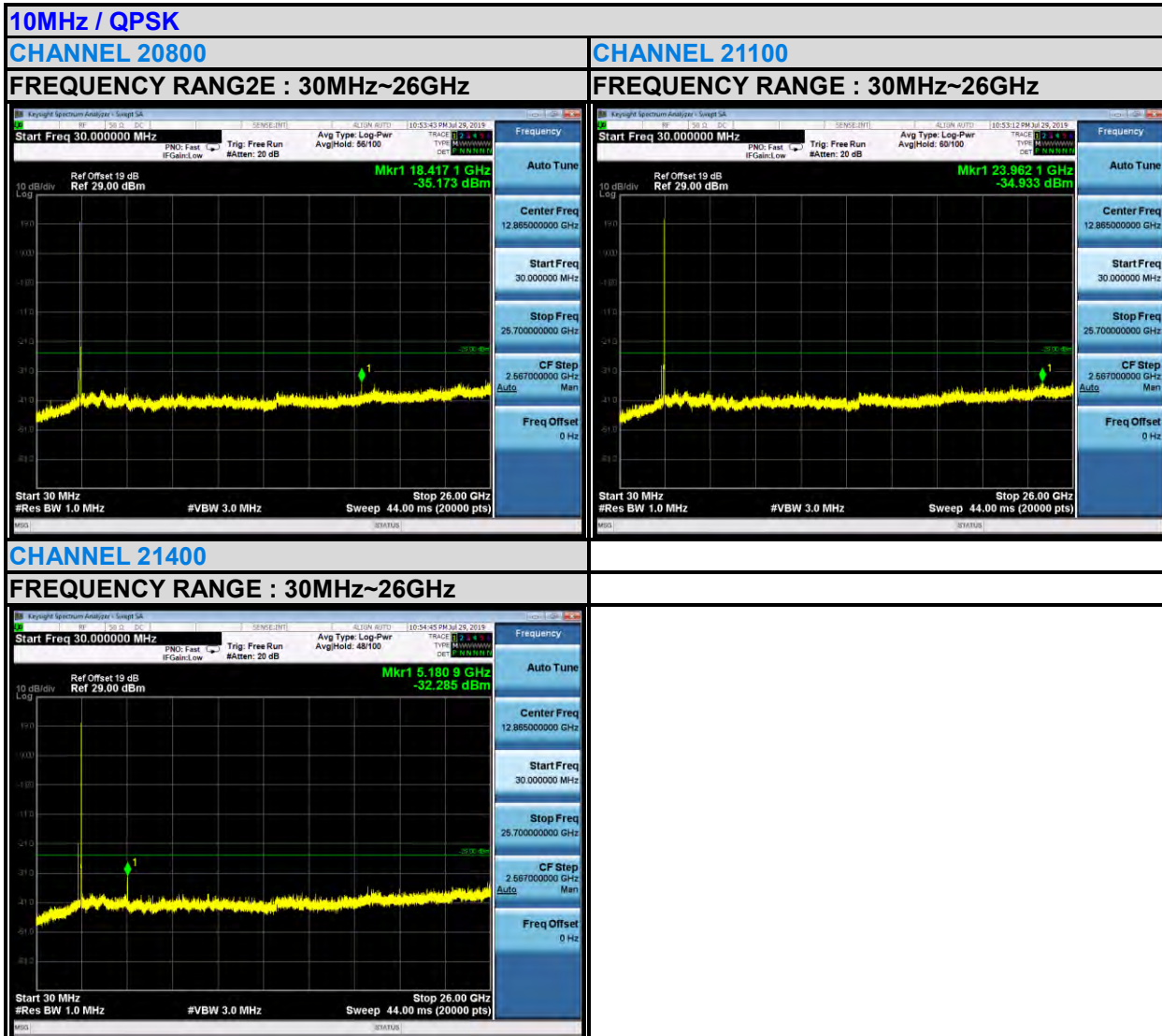
FREQUENCY RANGE: 30MHz~26GHz

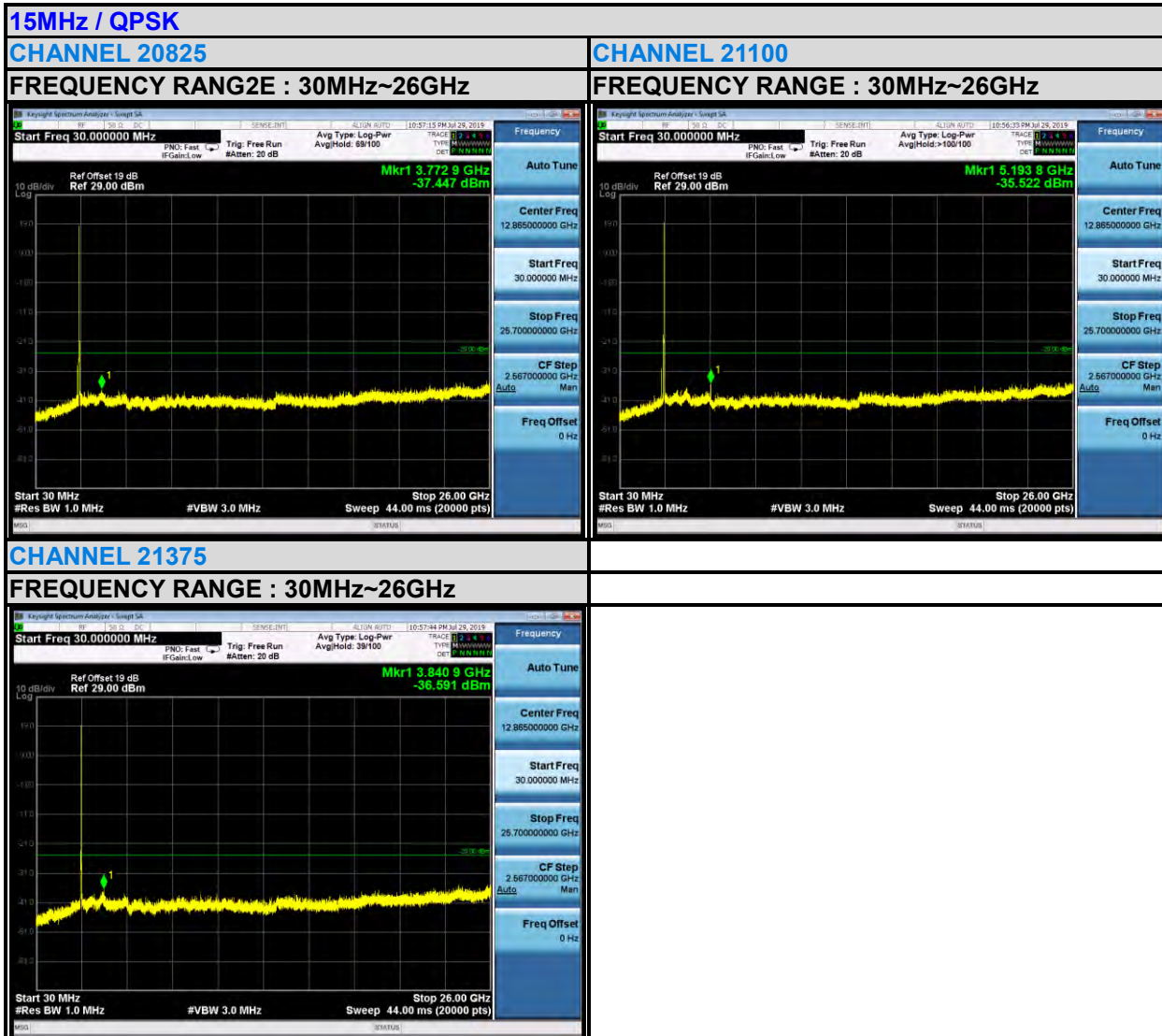


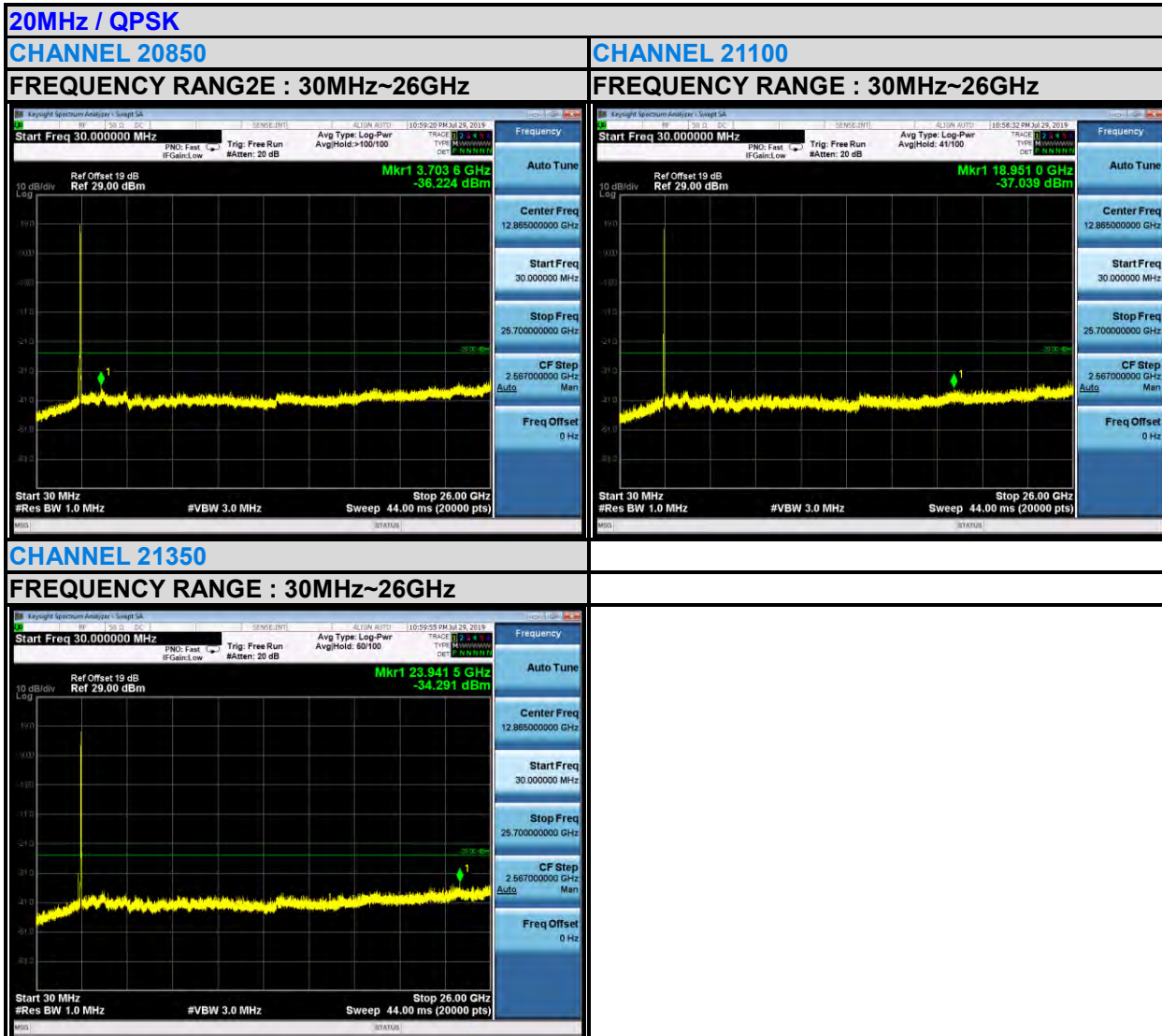
CHANNEL 21425

FREQUENCY RANGE: 30MHz~26GHz











BUREAU
VERITAS

Test Report No.: RF190712W002-6

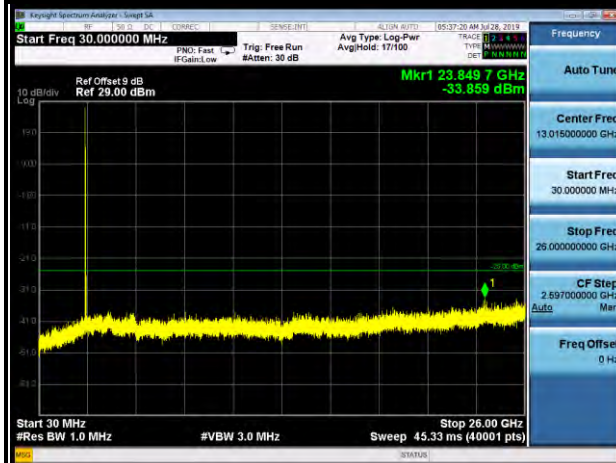
LTE BAND CA_7C

10MHz + 20MHz / QPSK

LOWEST CHANNEL

1RB0&1RB99

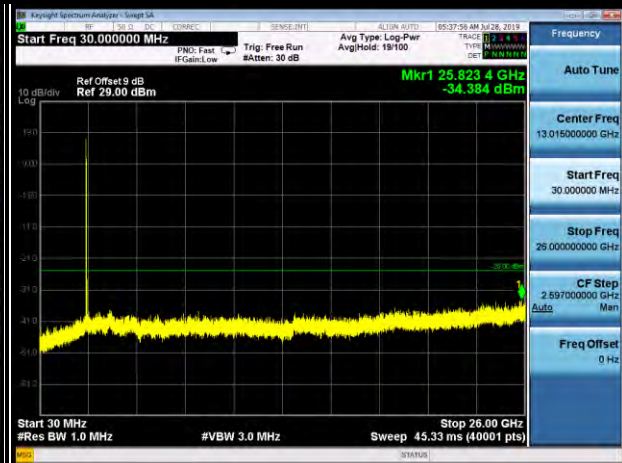
FREQUENCY RANG2E : 30MHz~26.0GHz



LOWEST CHANNEL

1RB49&1RB0

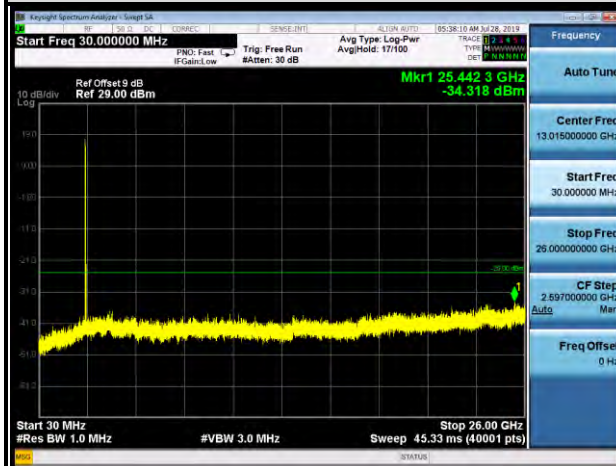
FREQUENCY RANGE : 30MHz~26.0GHz

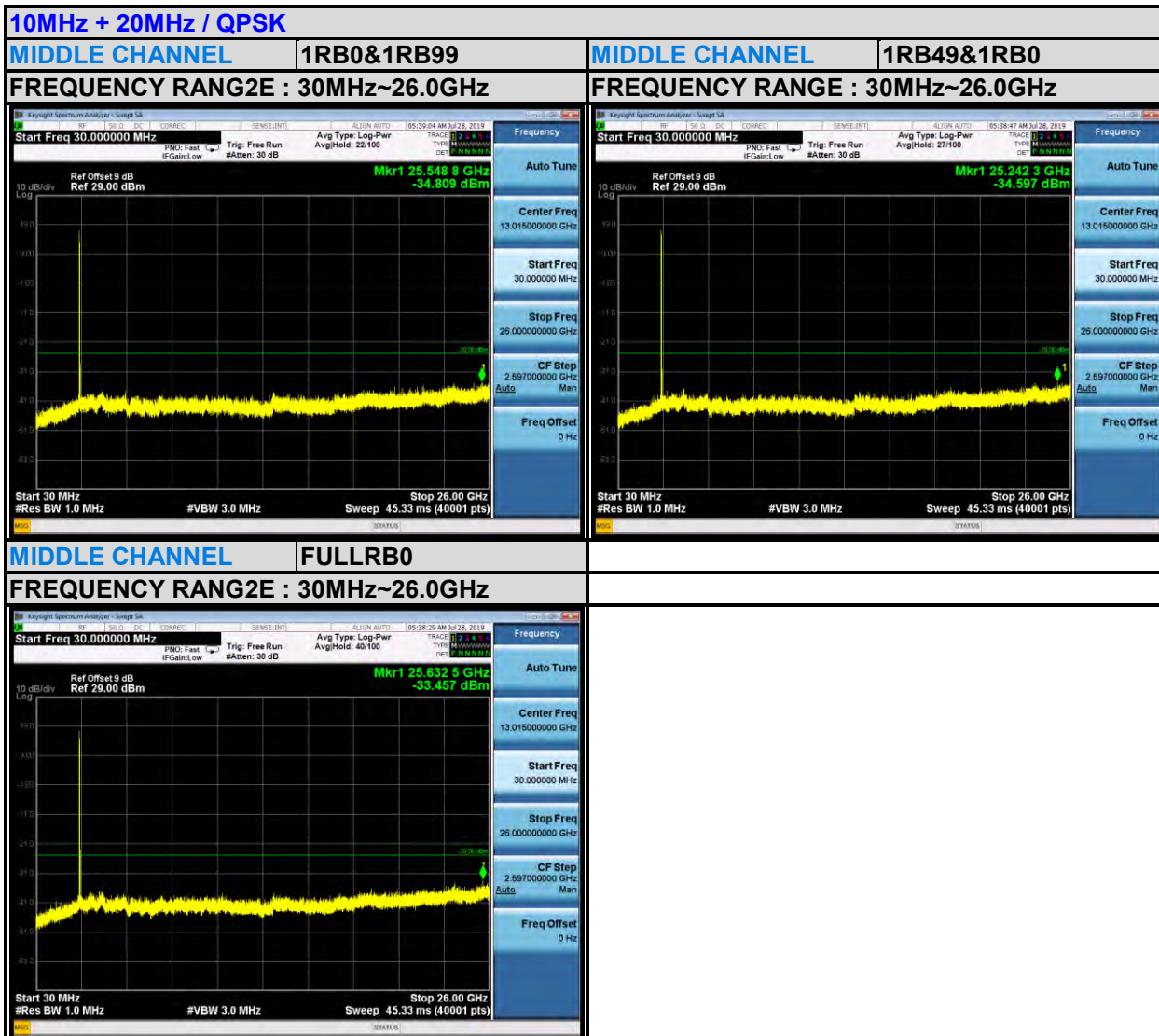


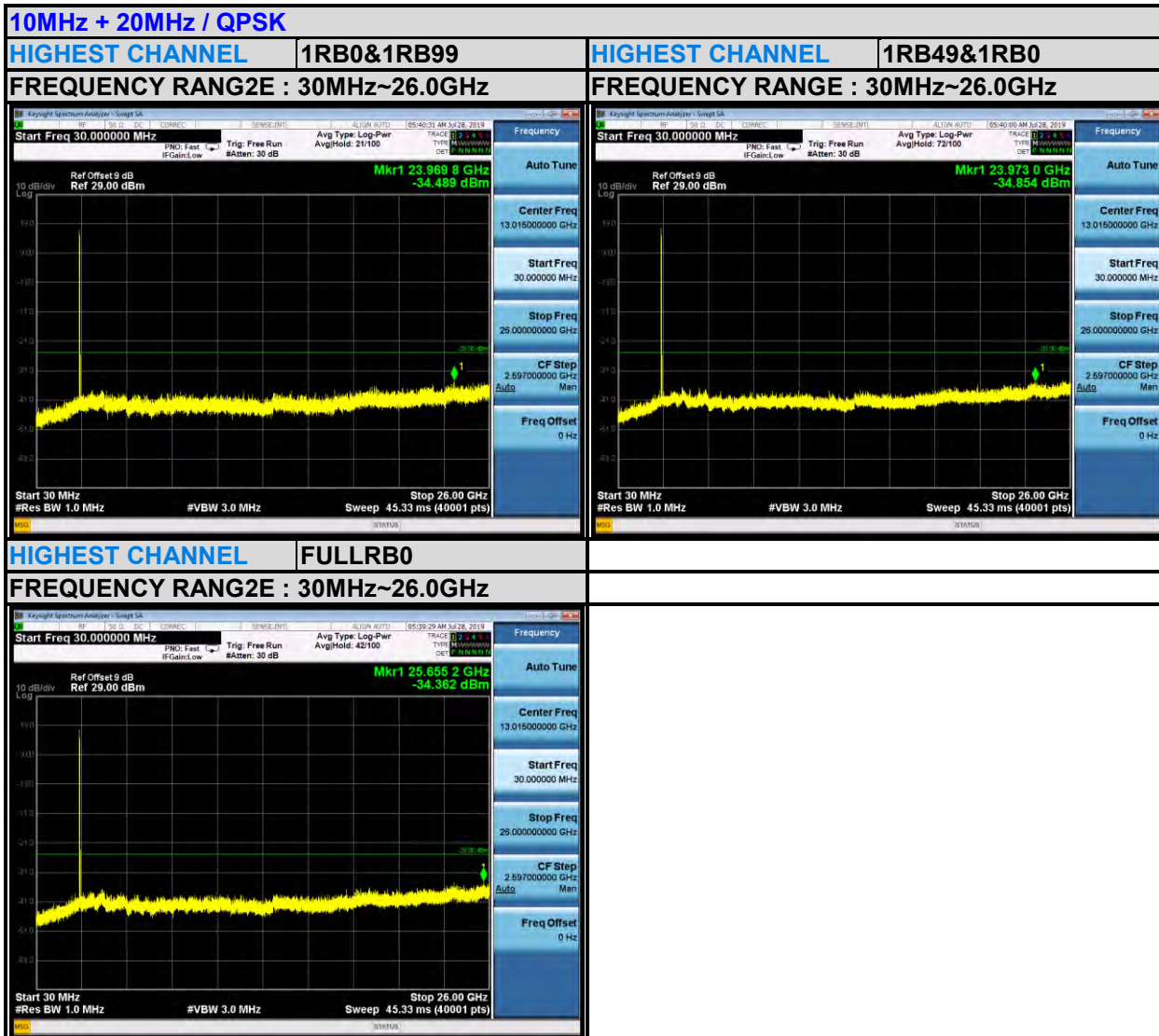
LOWEST CHANNEL

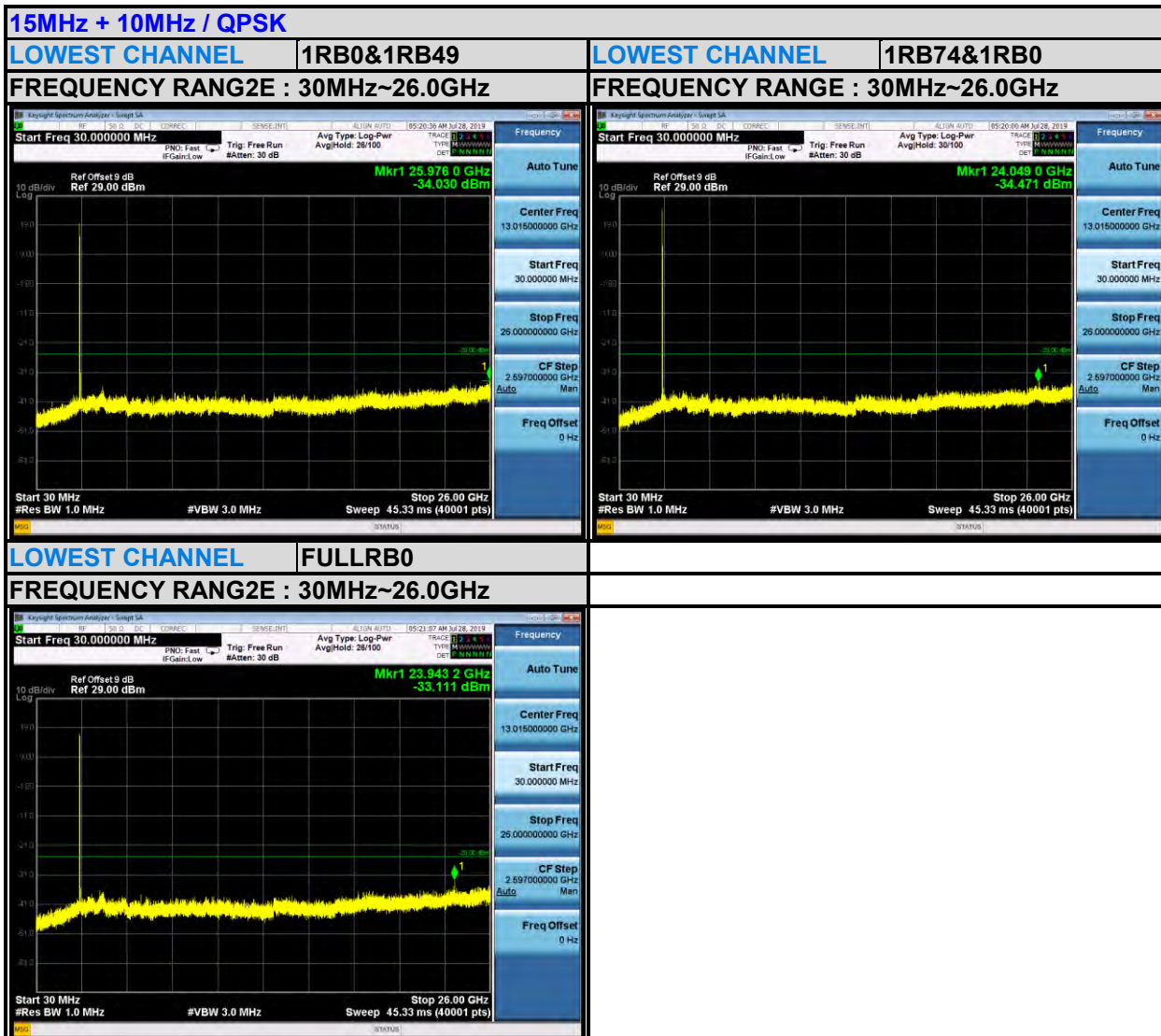
FULLRB0

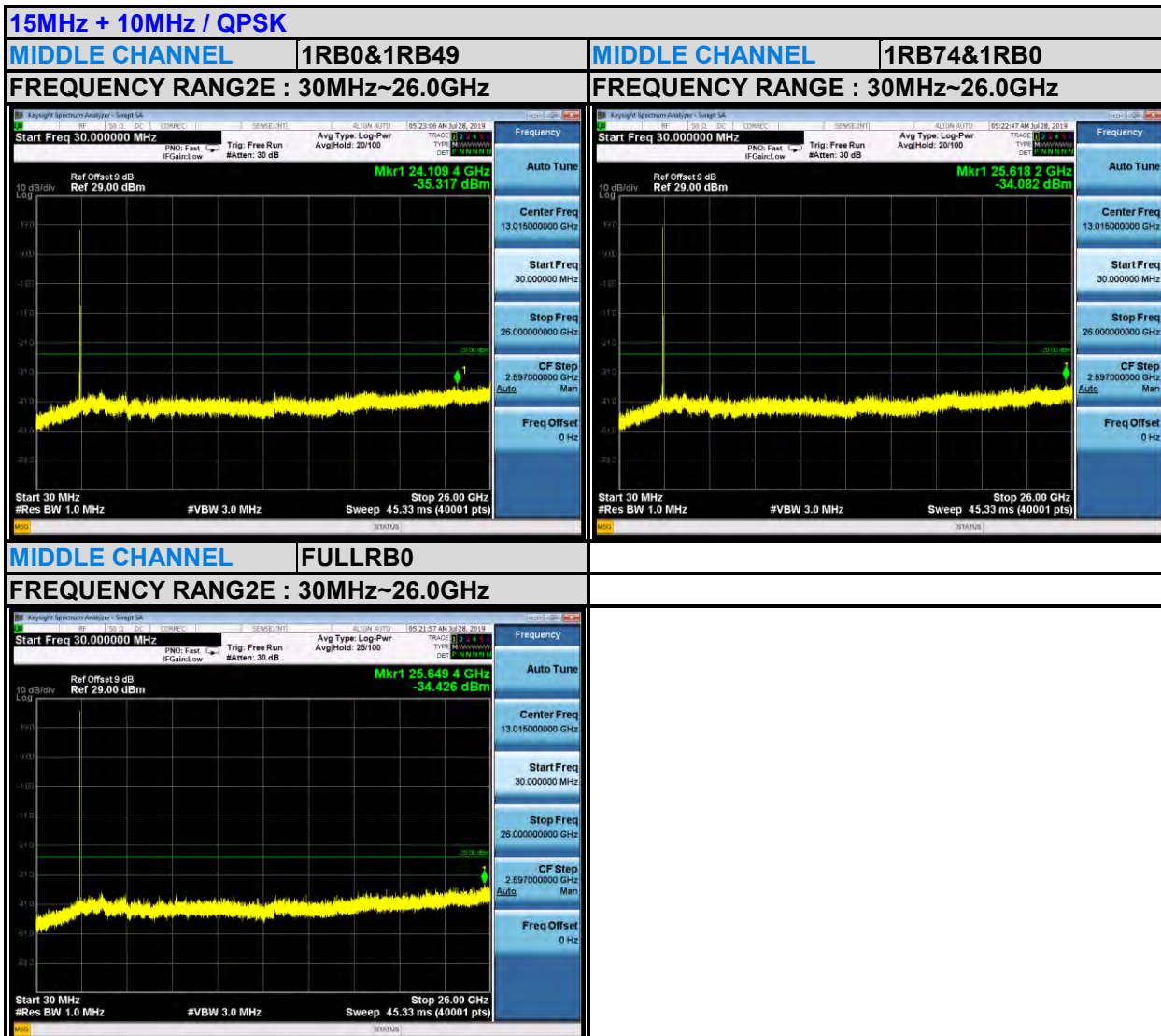
FREQUENCY RANG2E : 30MHz~26.0GHz

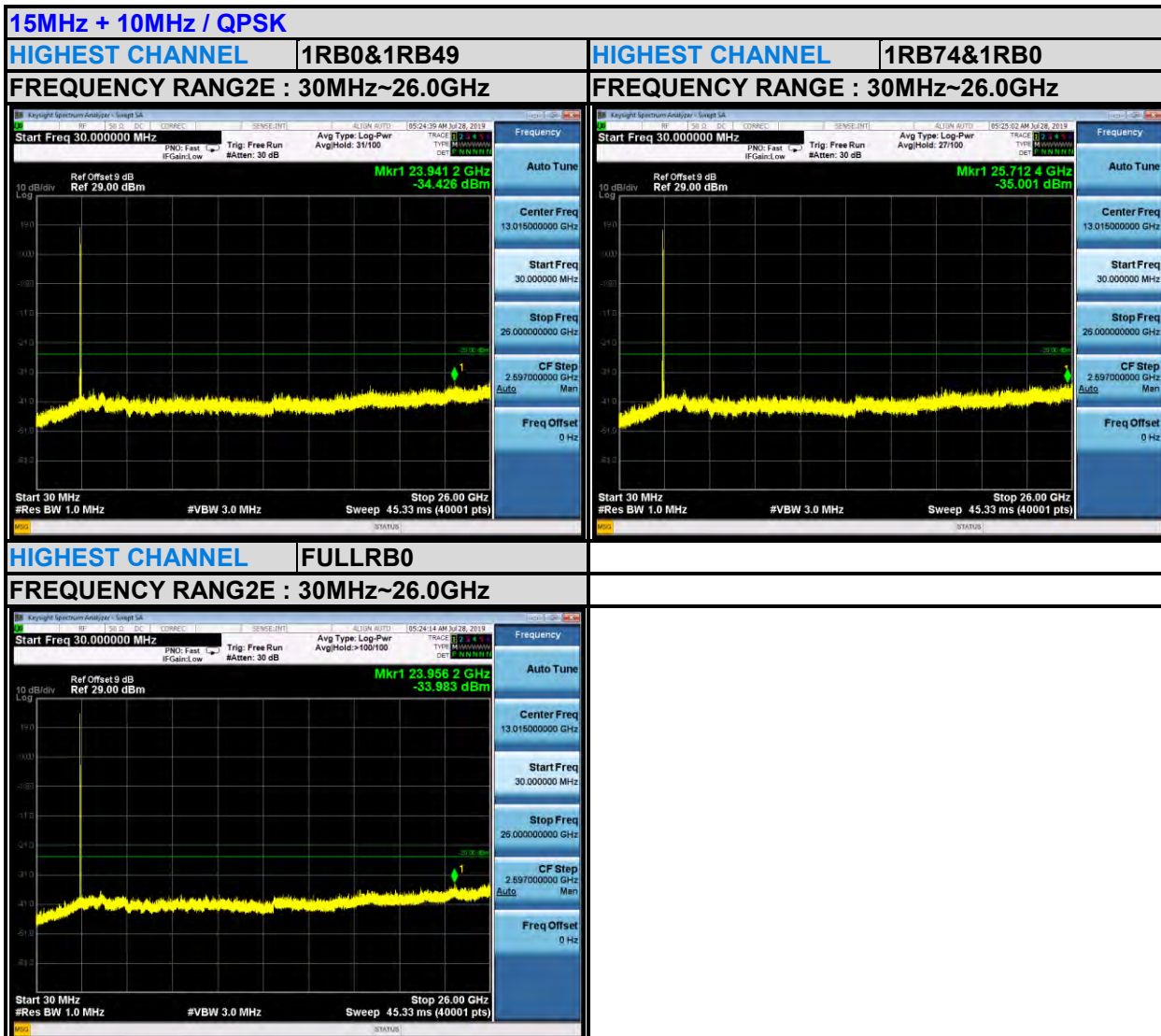


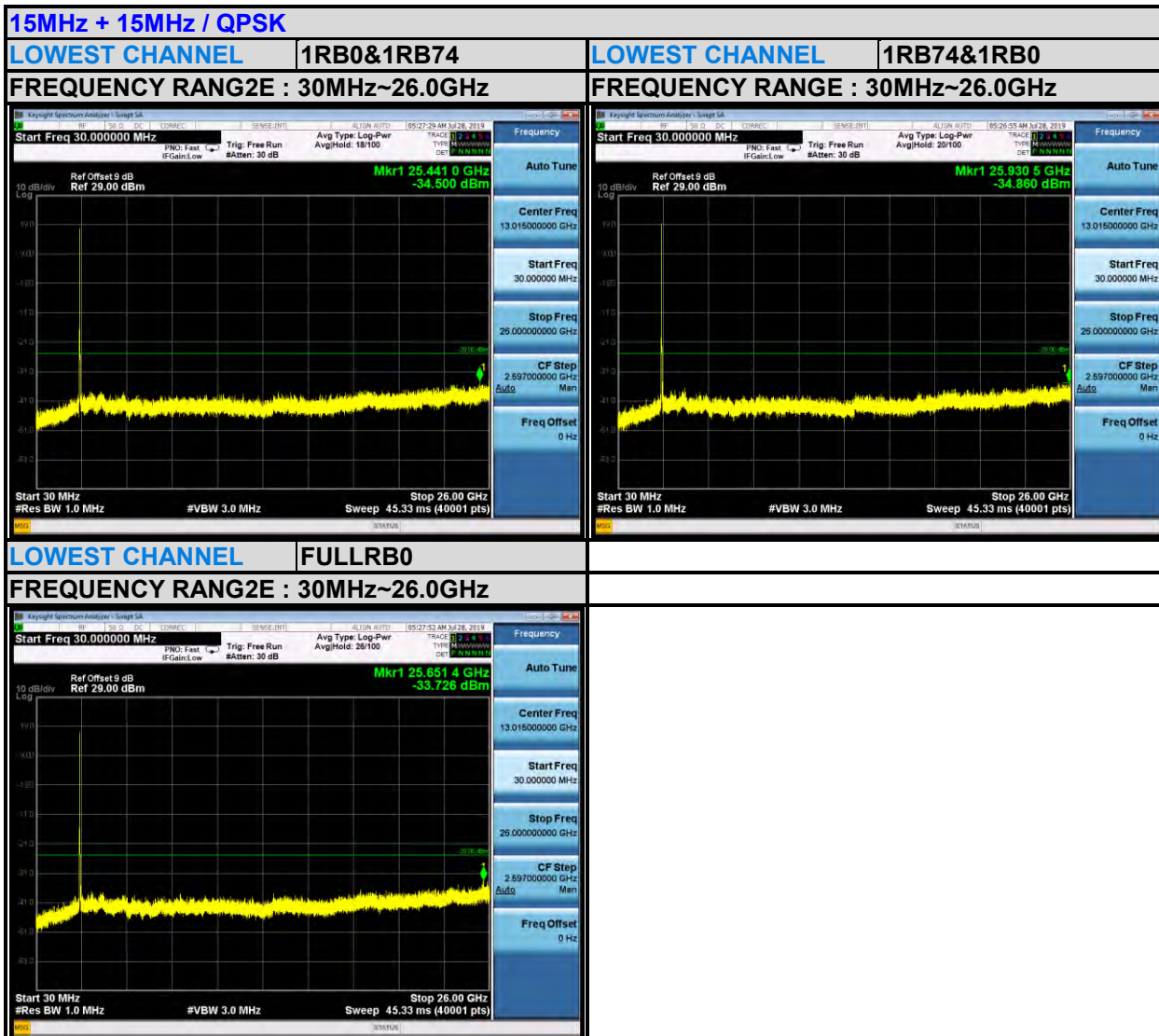


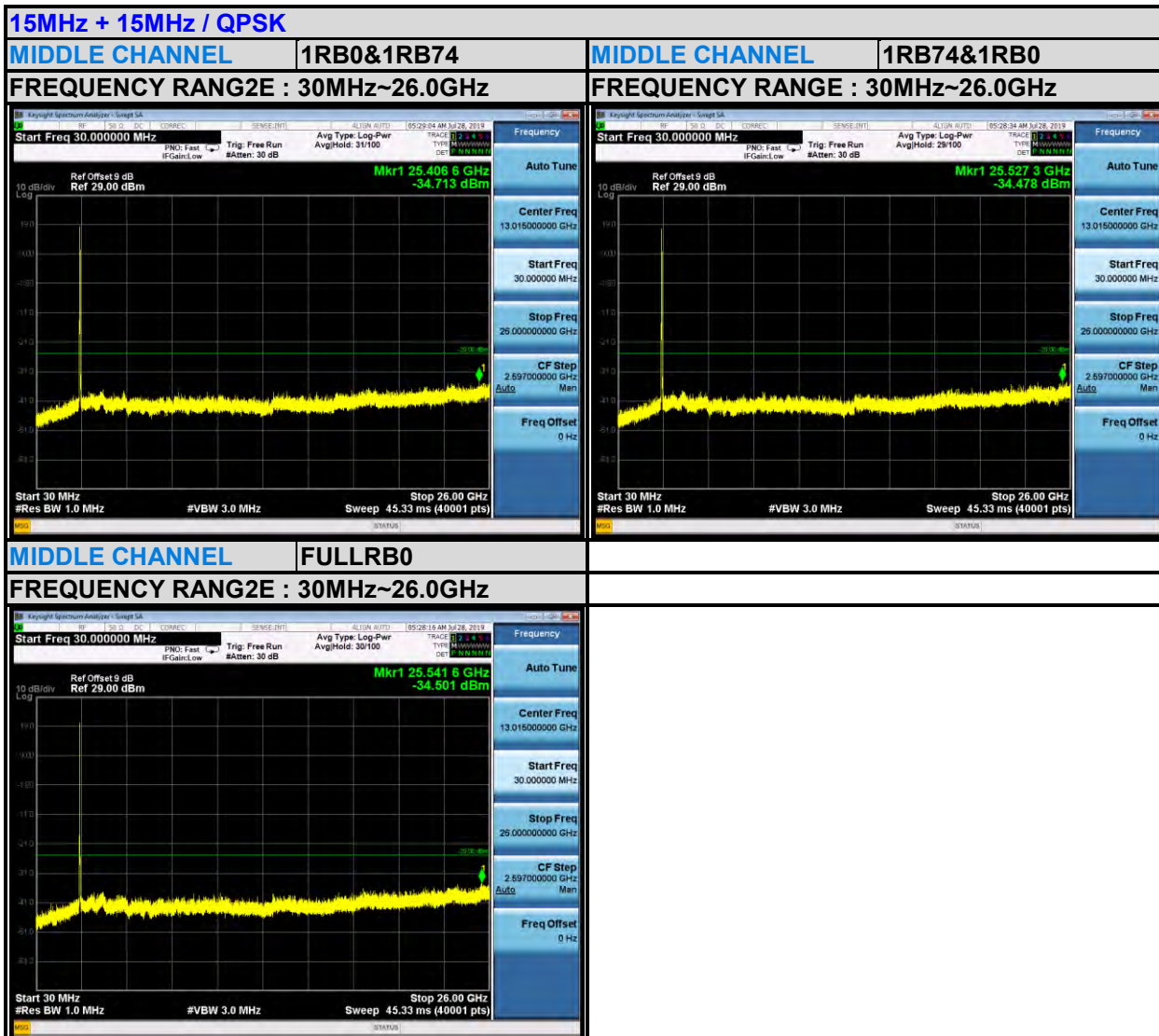


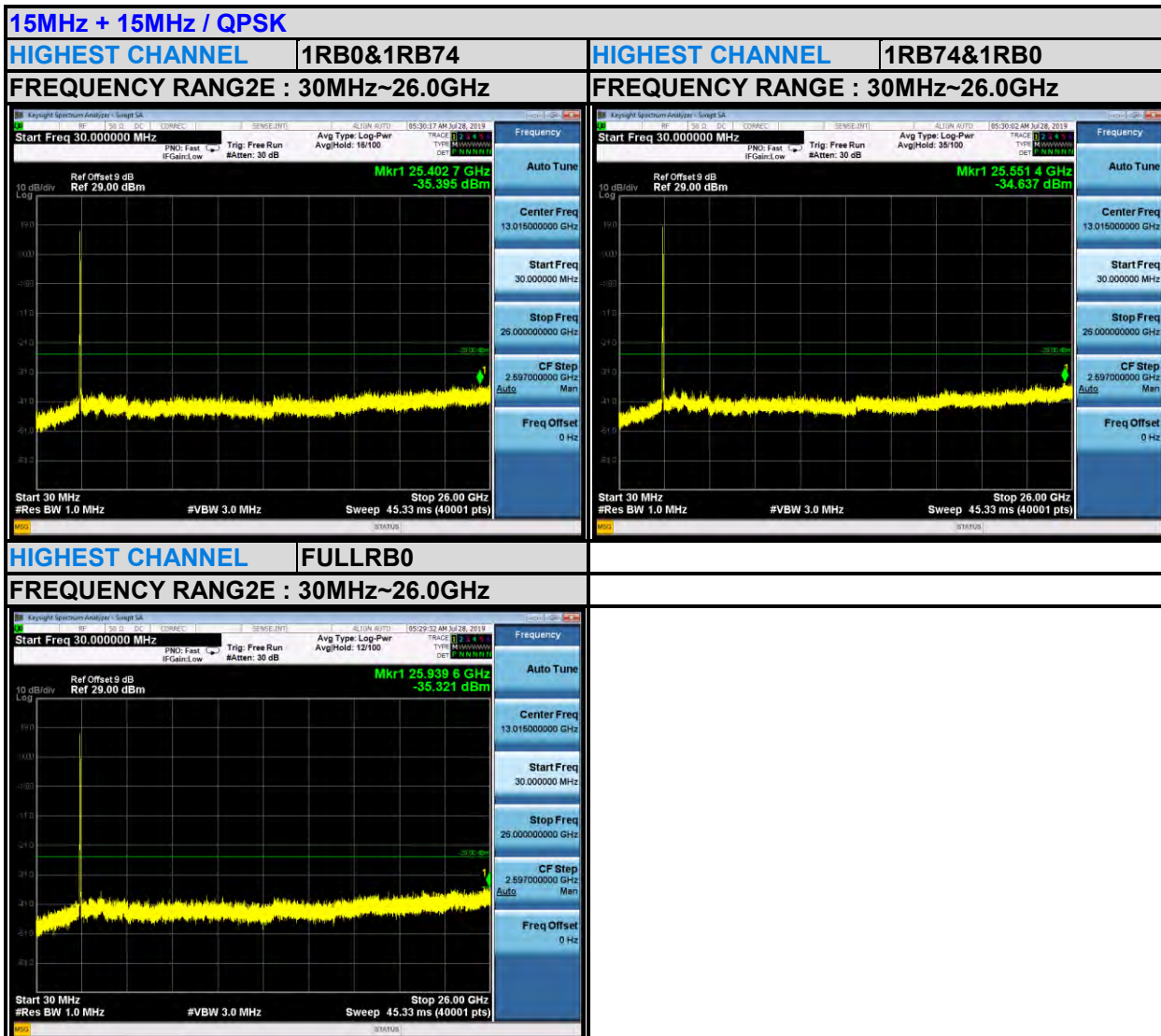


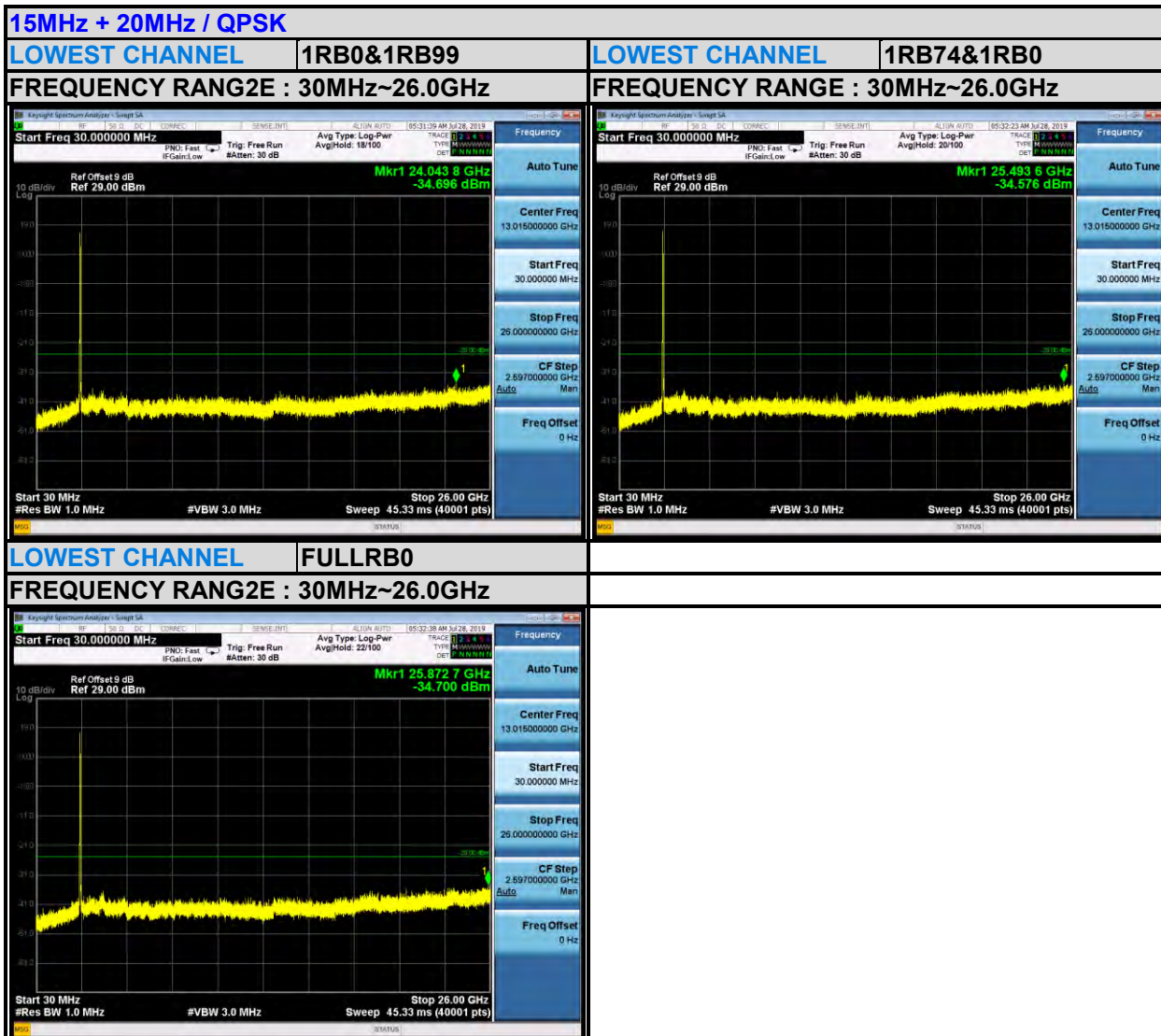


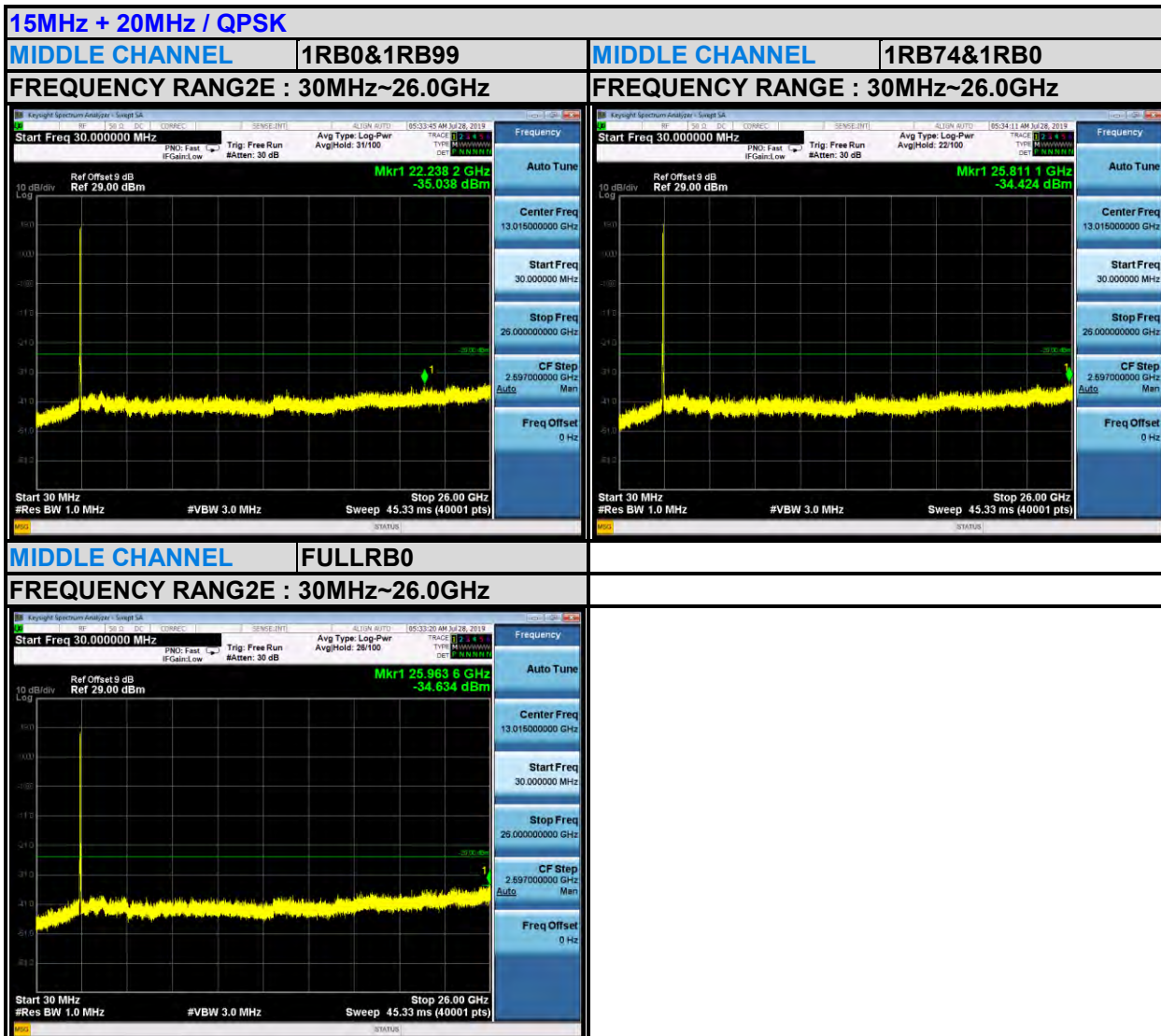


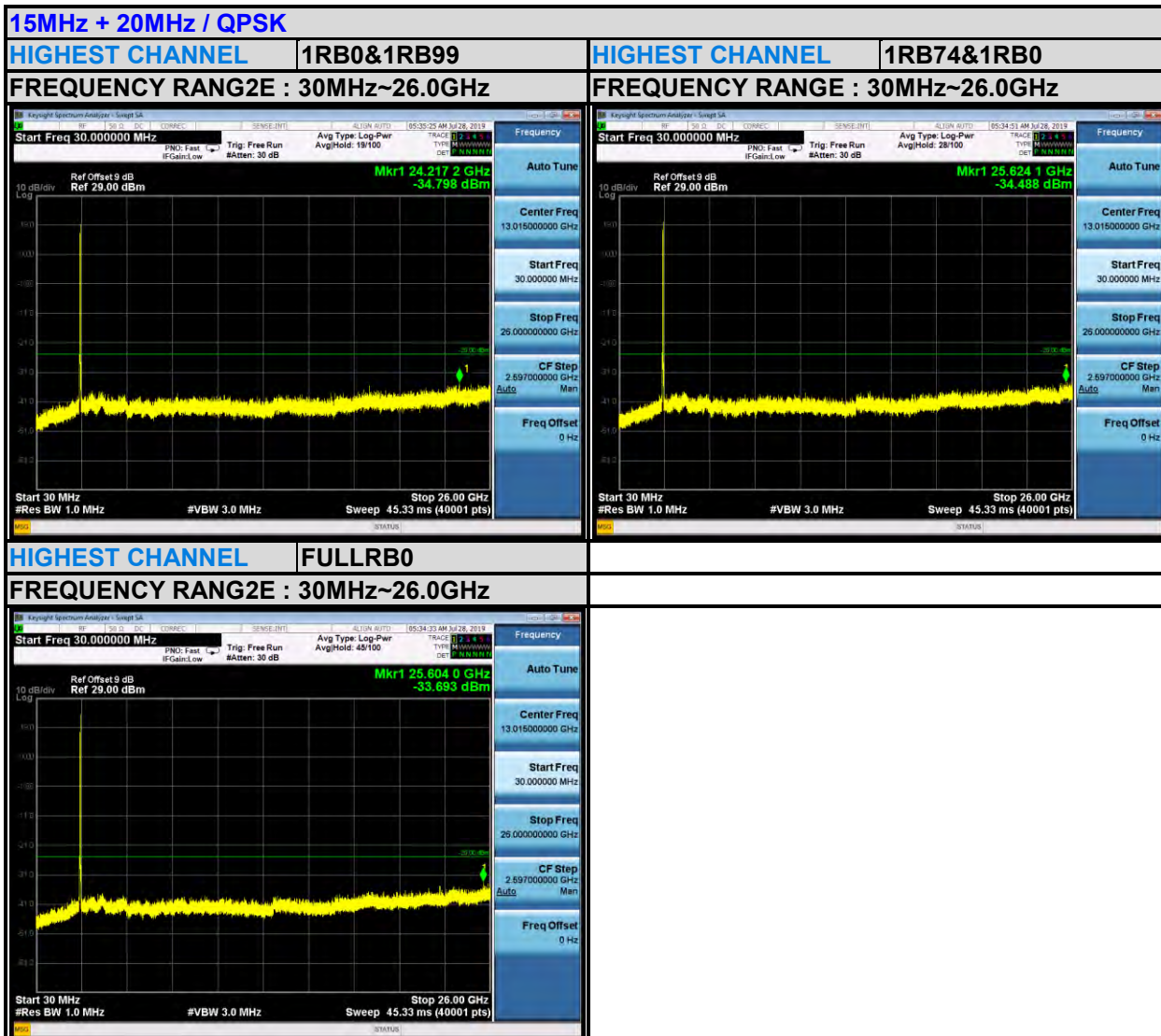










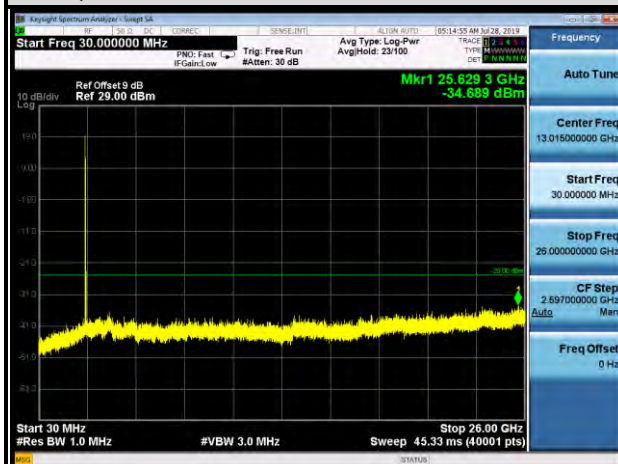


20MHz + 10MHz / QPSK

LOWEST CHANNEL

1RB99&1RB0

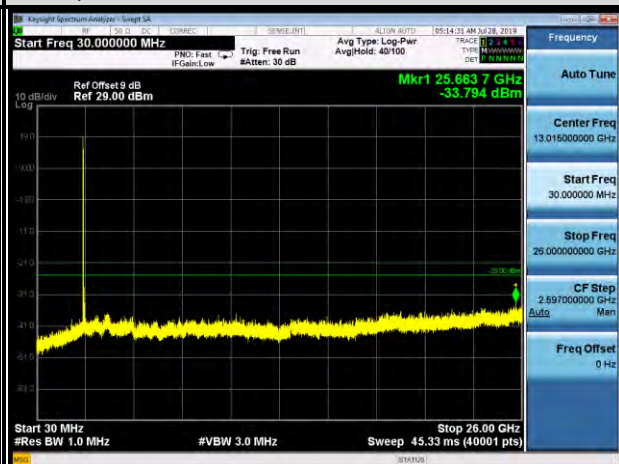
FREQUENCY RANG2E : 30MHz~26.0GHz



LOWEST CHANNEL

1RB0&1RB49

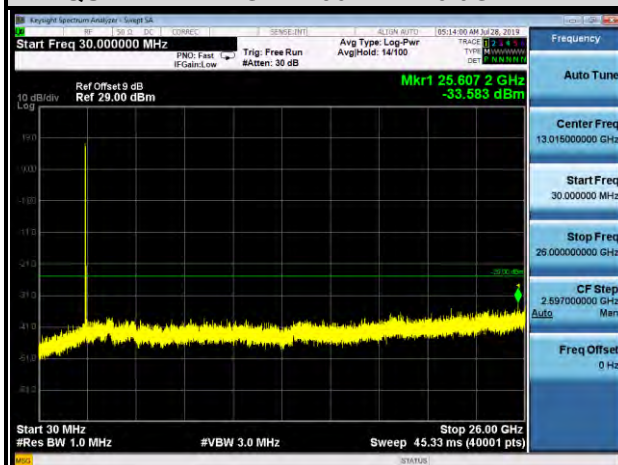
FREQUENCY RANGE : 30MHz~26.0GHz



LOWEST CHANNEL

FULLRB0

FREQUENCY RANG2E : 30MHz~26.0GHz

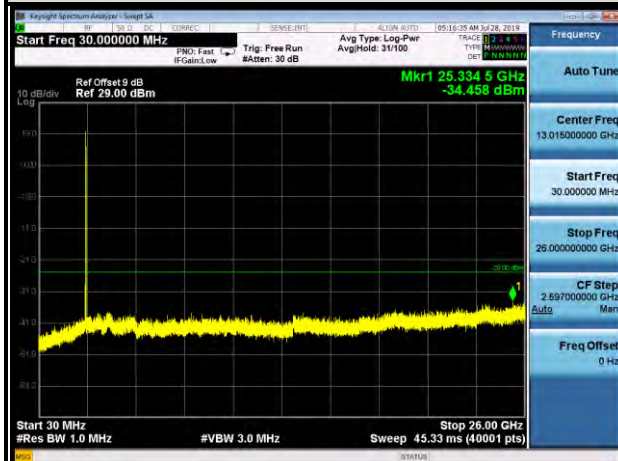


20MHz + 10MHz / QPSK

MIDDLE CHANNEL

1RB99&1RB0

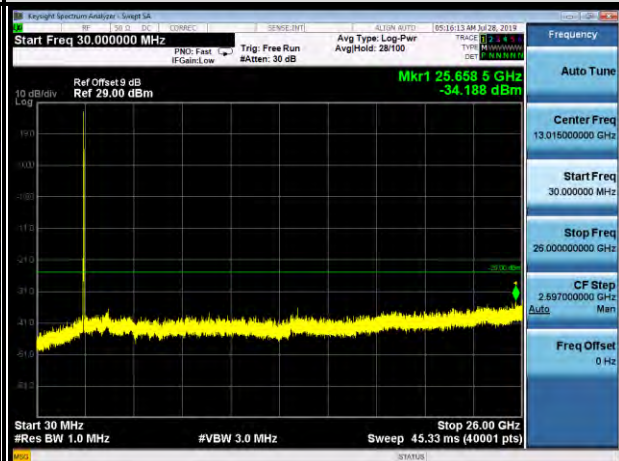
FREQUENCY RANG2E : 30MHz~26.0GHz



MIDDLE CHANNEL

1RB0&1RB49

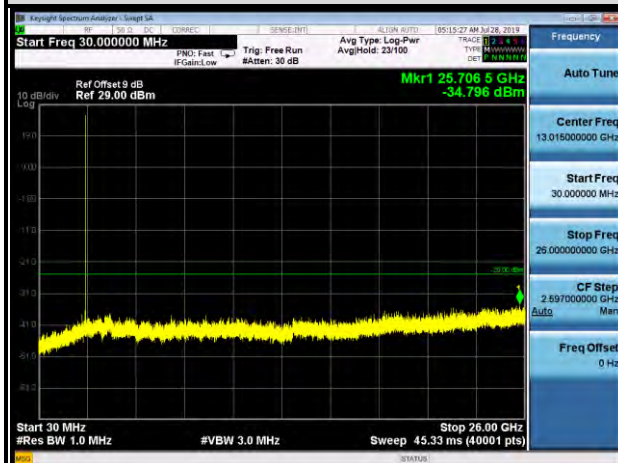
FREQUENCY RANGE : 30MHz~26.0GHz



MIDDLE CHANNEL

FULLRB0

FREQUENCY RANG2E : 30MHz~26.0GHz

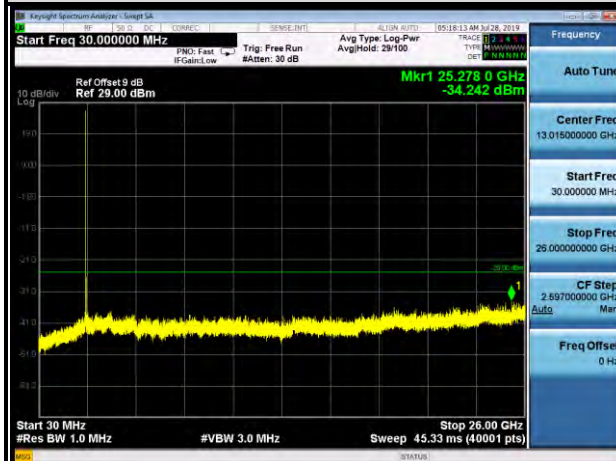


20MHz + 10MHz / QPSK

HIGHEST CHANNEL

1RB99&1RB0

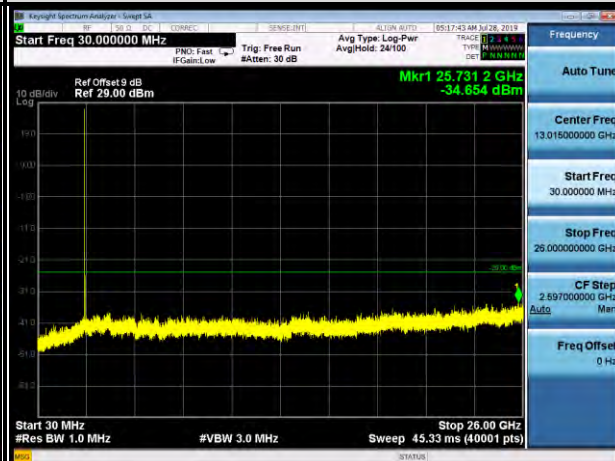
FREQUENCY RANG2E : 30MHz~26.0GHz



HIGHEST CHANNEL

1RB0&1RB49

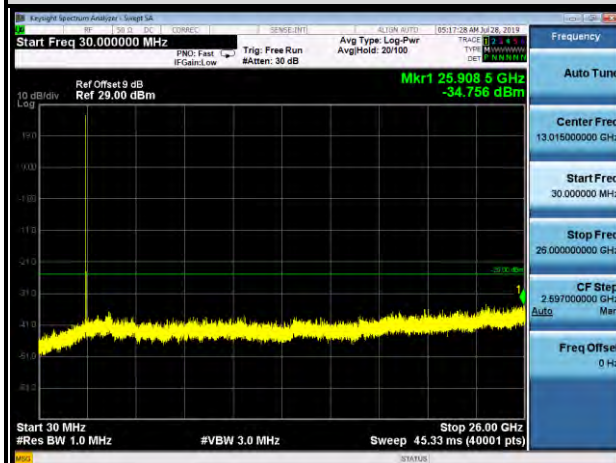
FREQUENCY RANGE : 30MHz~26.0GHz



HIGHEST CHANNEL

FULLRB0

FREQUENCY RANG2E : 30MHz~26.0GHz

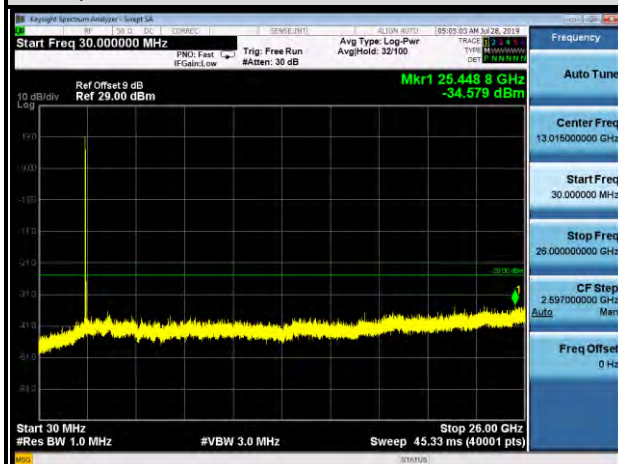


20MHz + 15MHz / QPSK

LOWEST CHANNEL

1RB0&1RB74

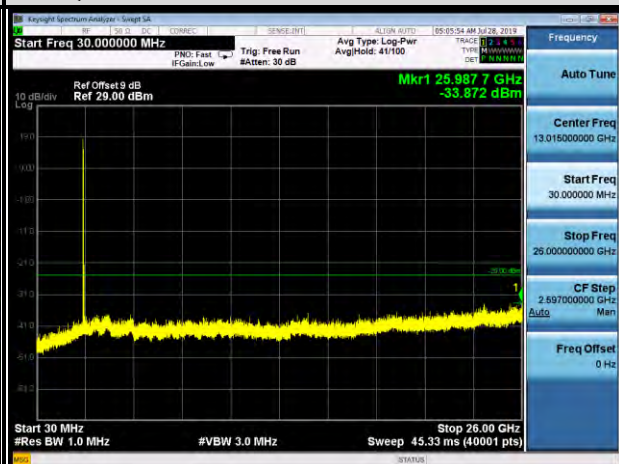
FREQUENCY RANG2E : 30MHz~26.0GHz



LOWEST CHANNEL

1RB74&1RB0

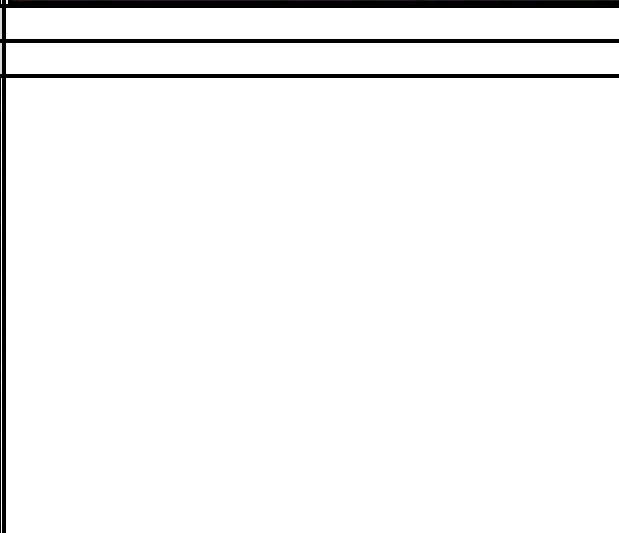
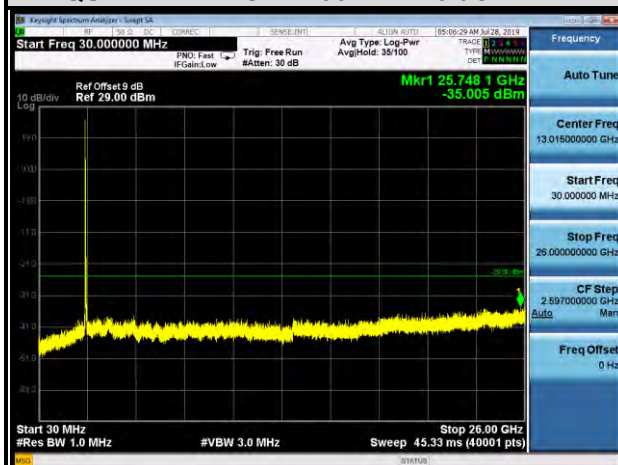
FREQUENCY RANGE : 30MHz~26.0GHz



LOWEST CHANNEL

FULLRB0

FREQUENCY RANG2E : 30MHz~26.0GHz

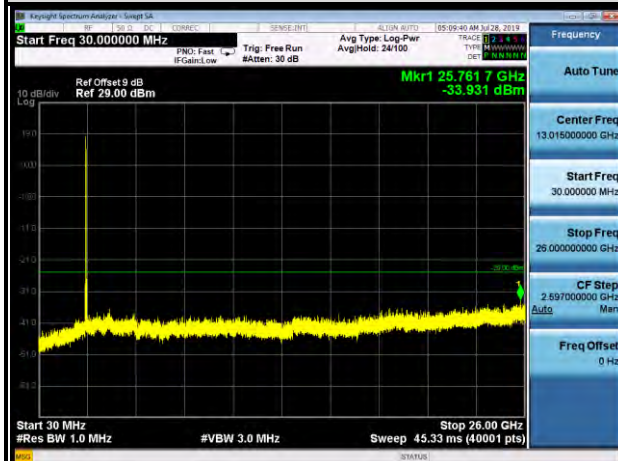


20MHz + 15MHz / QPSK

MIDDLE CHANNEL

1RB0&1RB74

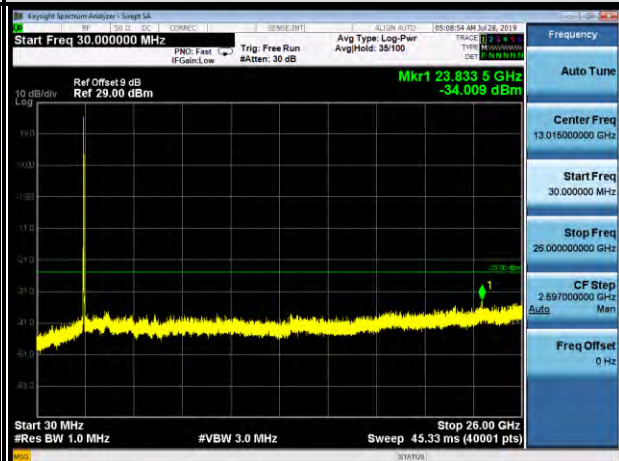
FREQUENCY RANG2E : 30MHz~26.0GHz



MIDDLE CHANNEL

1RB74&1RB0

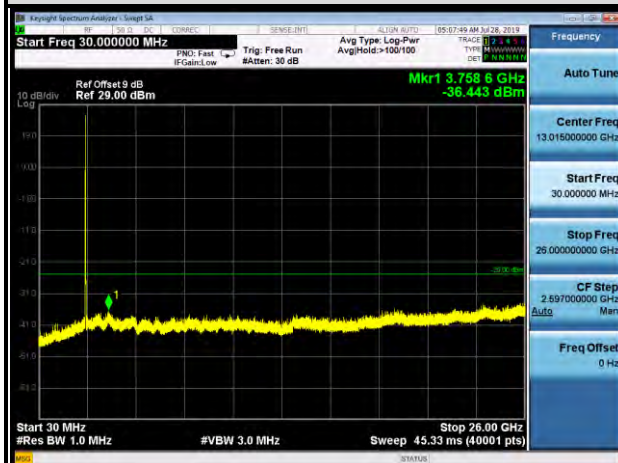
FREQUENCY RANGE : 30MHz~26.0GHz



MIDDLE CHANNEL

FULLRB0

FREQUENCY RANG2E : 30MHz~26.0GHz

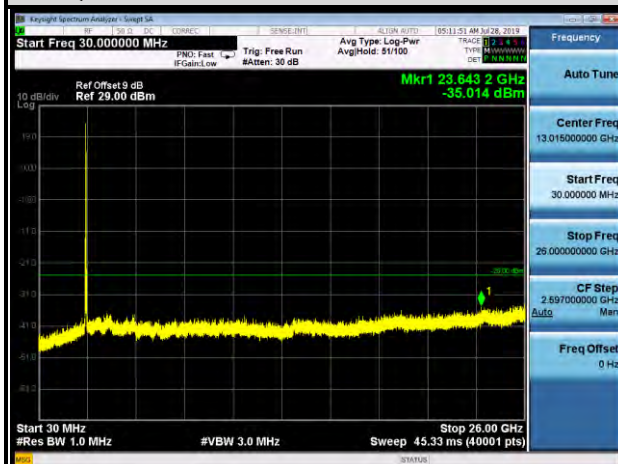


20MHz + 15MHz / QPSK

HIGHEST CHANNEL

1RB0&1RB74

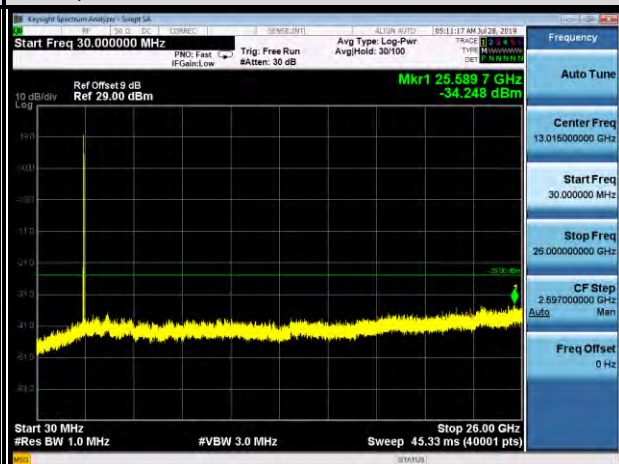
FREQUENCY RANG2E : 30MHz~26.0GHz



HIGHEST CHANNEL

1RB74&1RB0

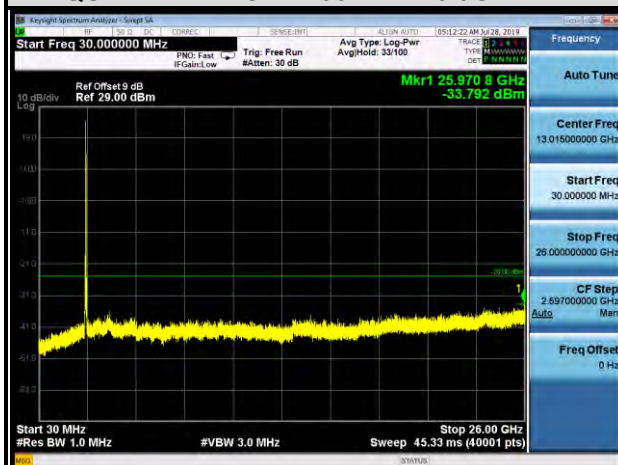
FREQUENCY RANGE : 30MHz~26.0GHz

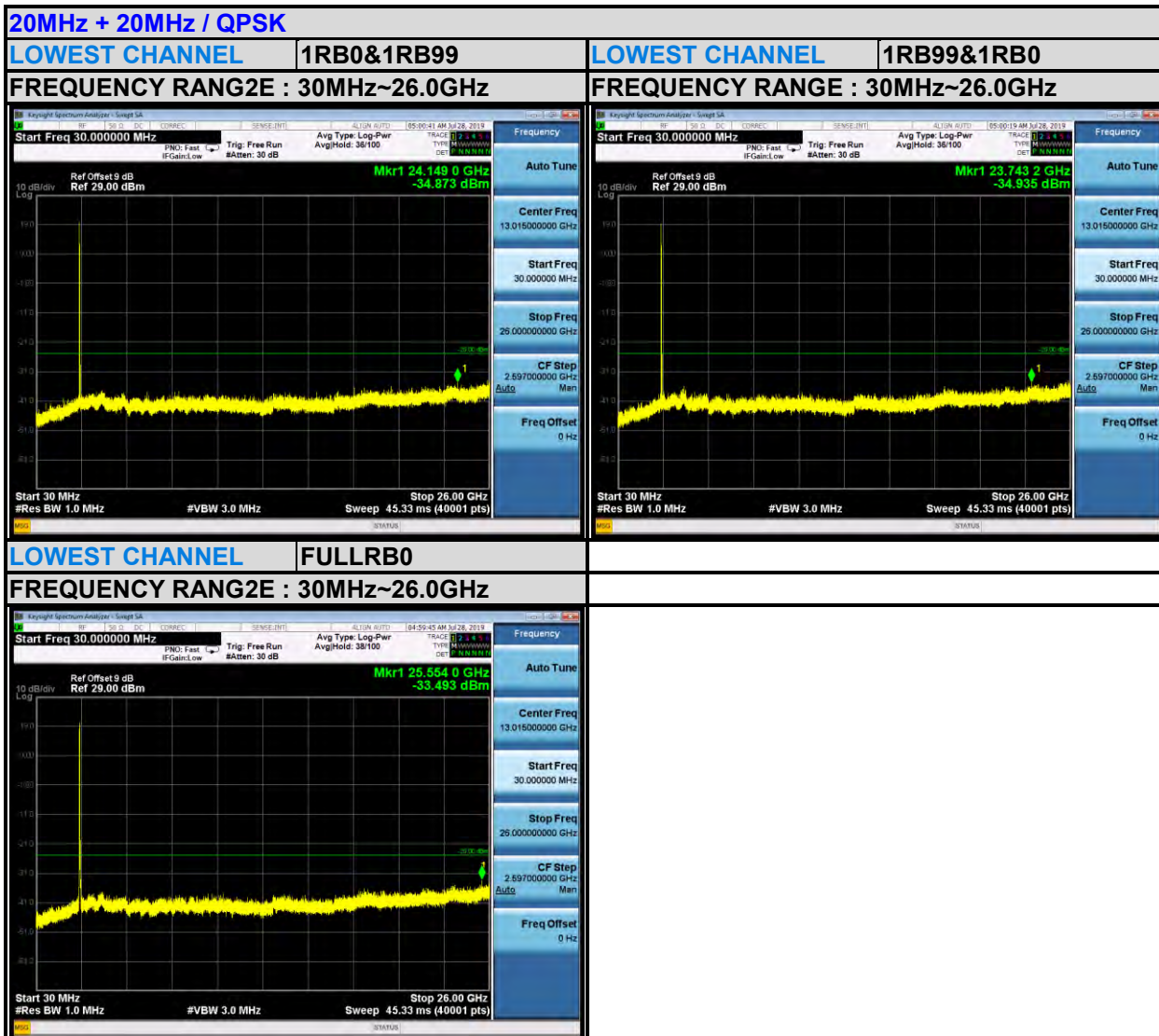


HIGHEST CHANNEL

FULLRB0

FREQUENCY RANG2E : 30MHz~26.0GHz



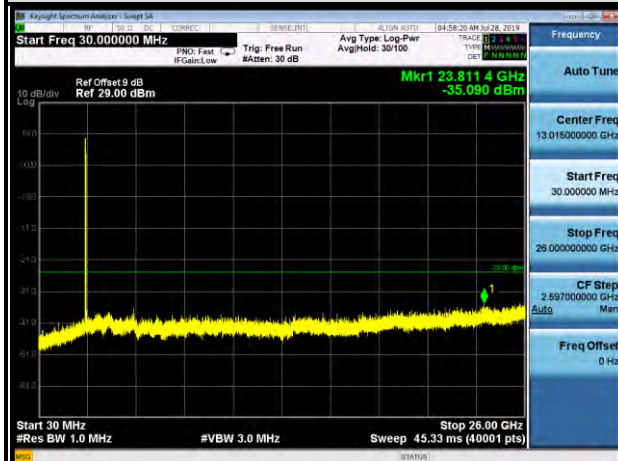


20MHz + 20MHz / QPSK

MIDDLE CHANNEL

1RB0&1RB99

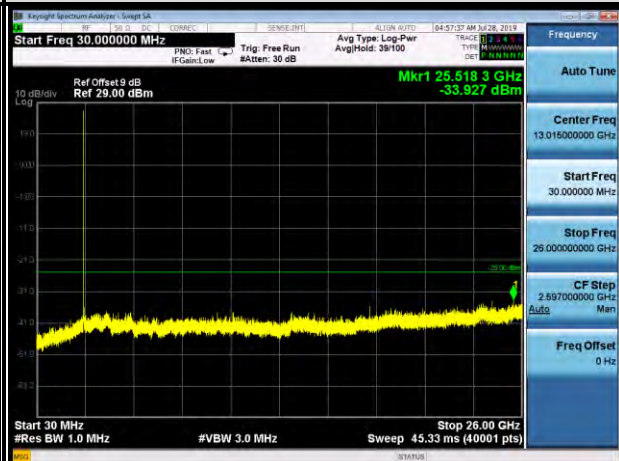
FREQUENCY RANG2E : 30MHz~26.0GHz



MIDDLE CHANNEL

1RB99&1RB0

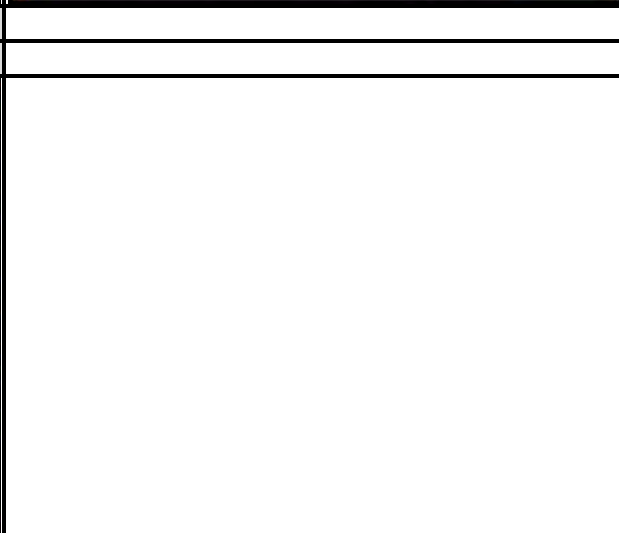
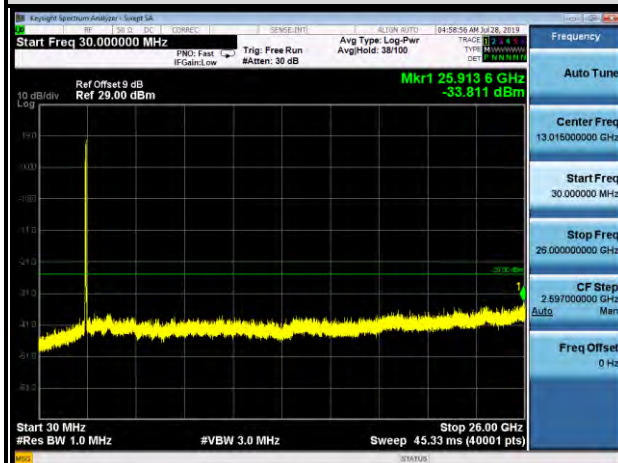
FREQUENCY RANGE : 30MHz~26.0GHz



MIDDLE CHANNEL

FULLRB0

FREQUENCY RANG2E : 30MHz~26.0GHz

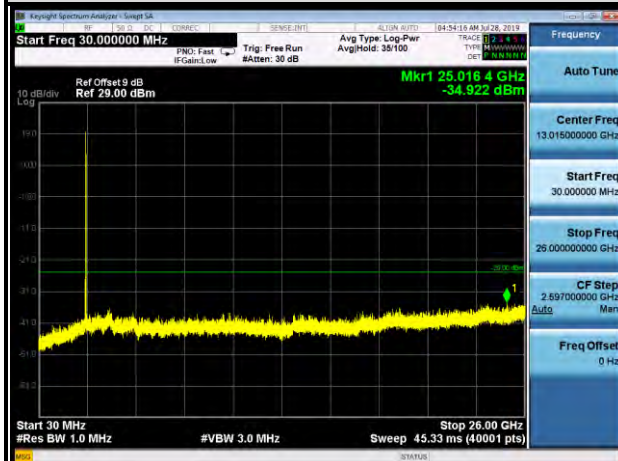


20MHz + 20MHz / QPSK

HIGHEST CHANNEL

1RB0&1RB99

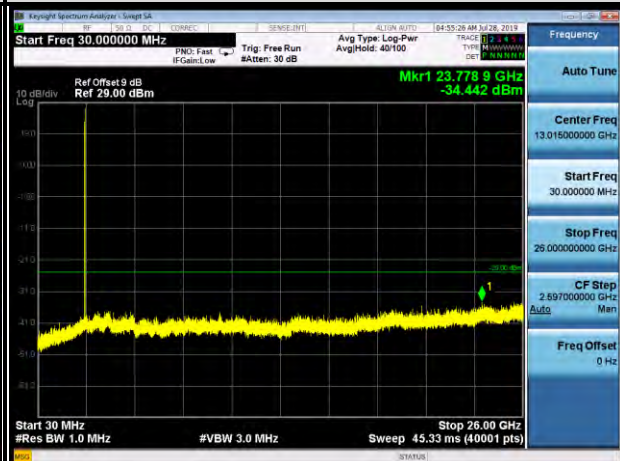
FREQUENCY RANG2E : 30MHz~26.0GHz



HIGHEST CHANNEL

1RB99&1RB0

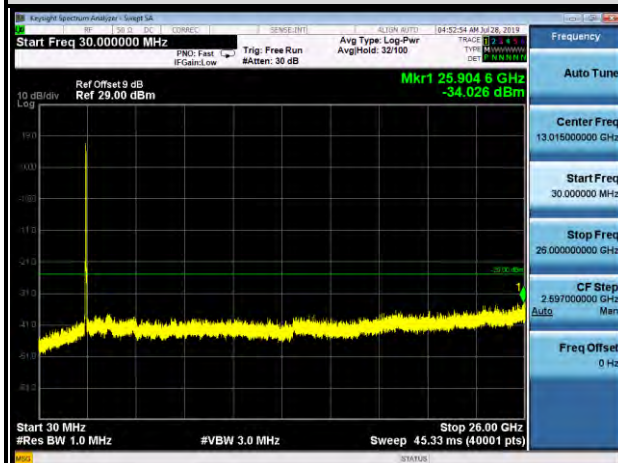
FREQUENCY RANGE : 30MHz~26.0GHz



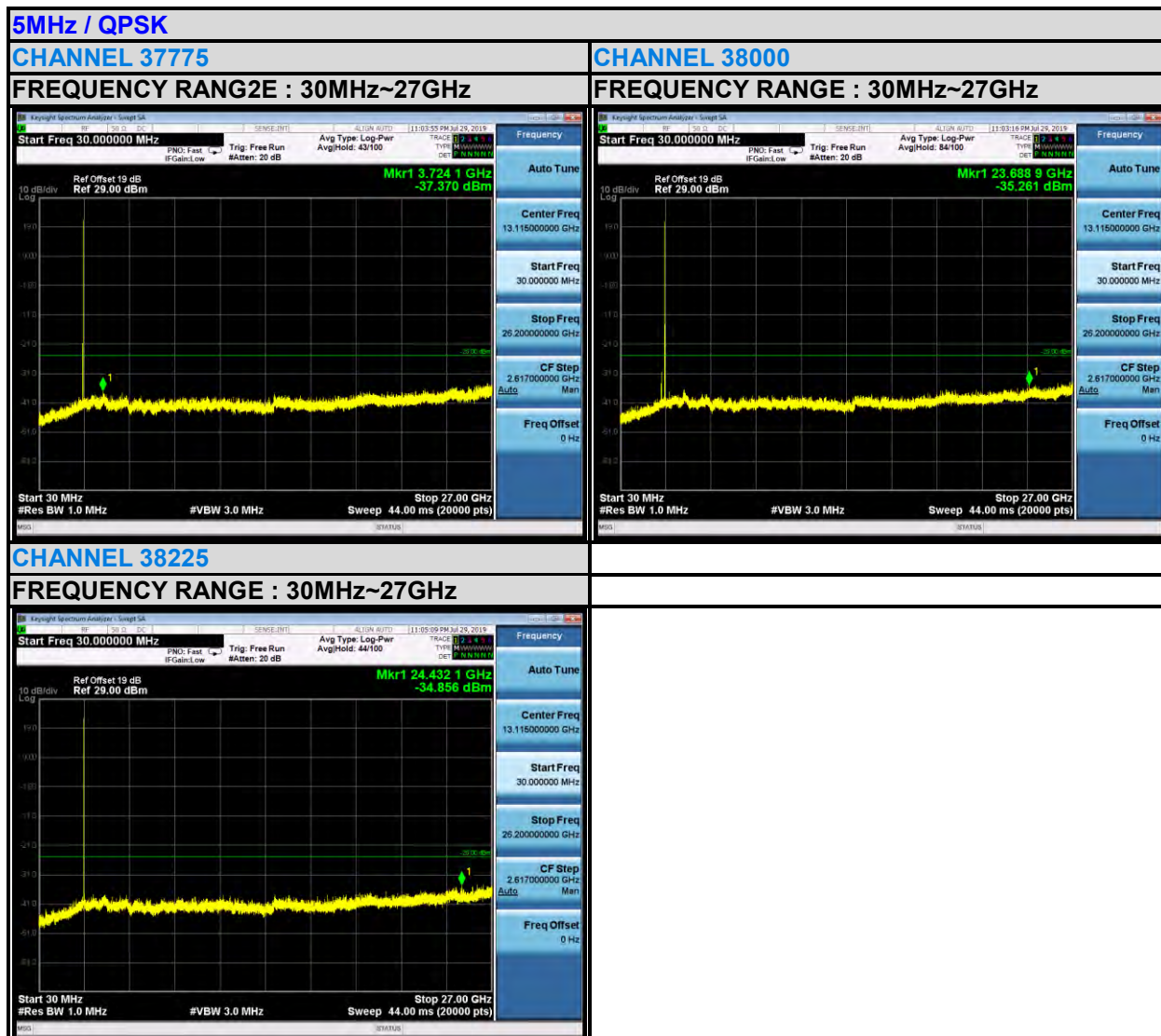
HIGHEST CHANNEL

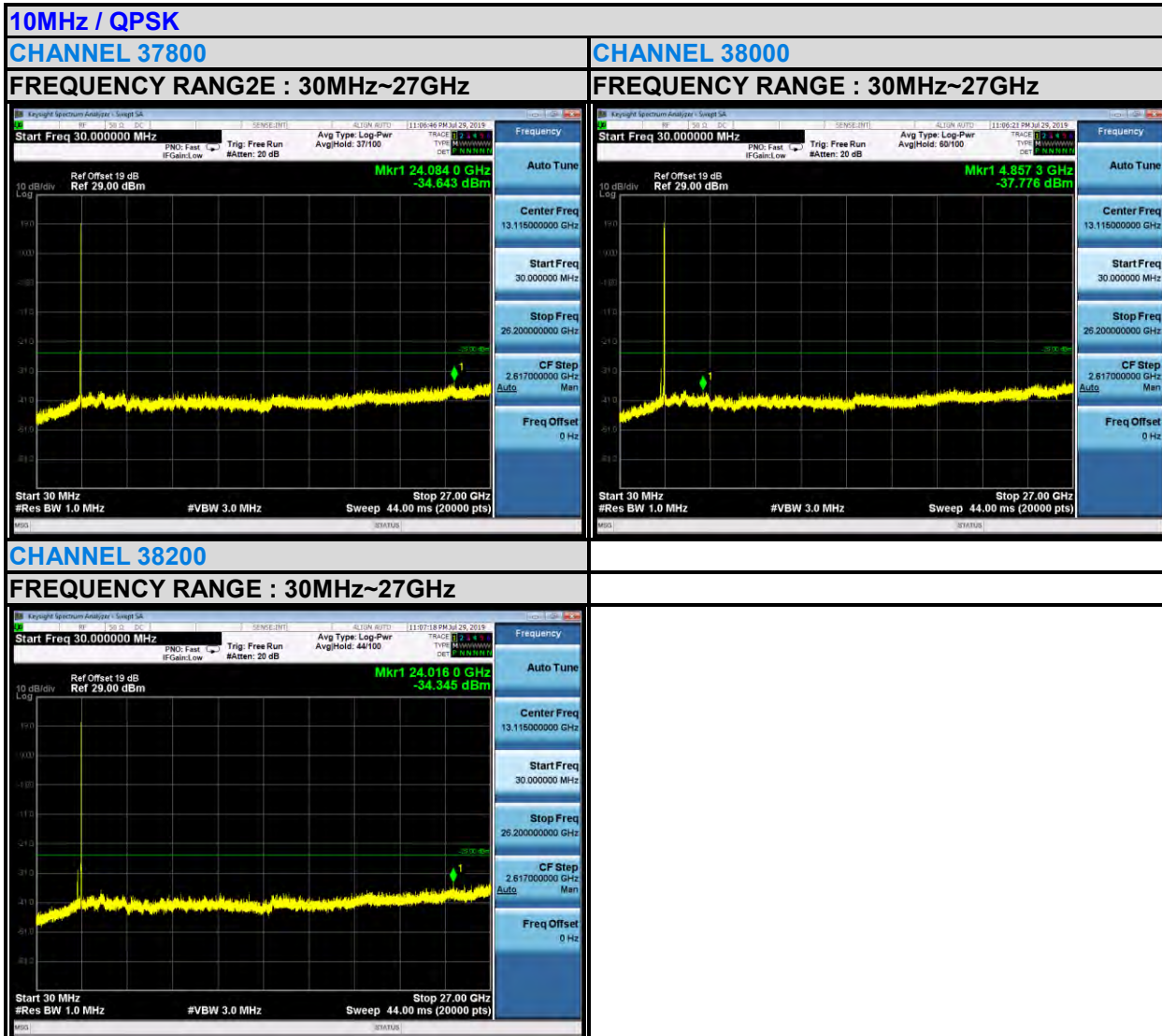
FULLRB0

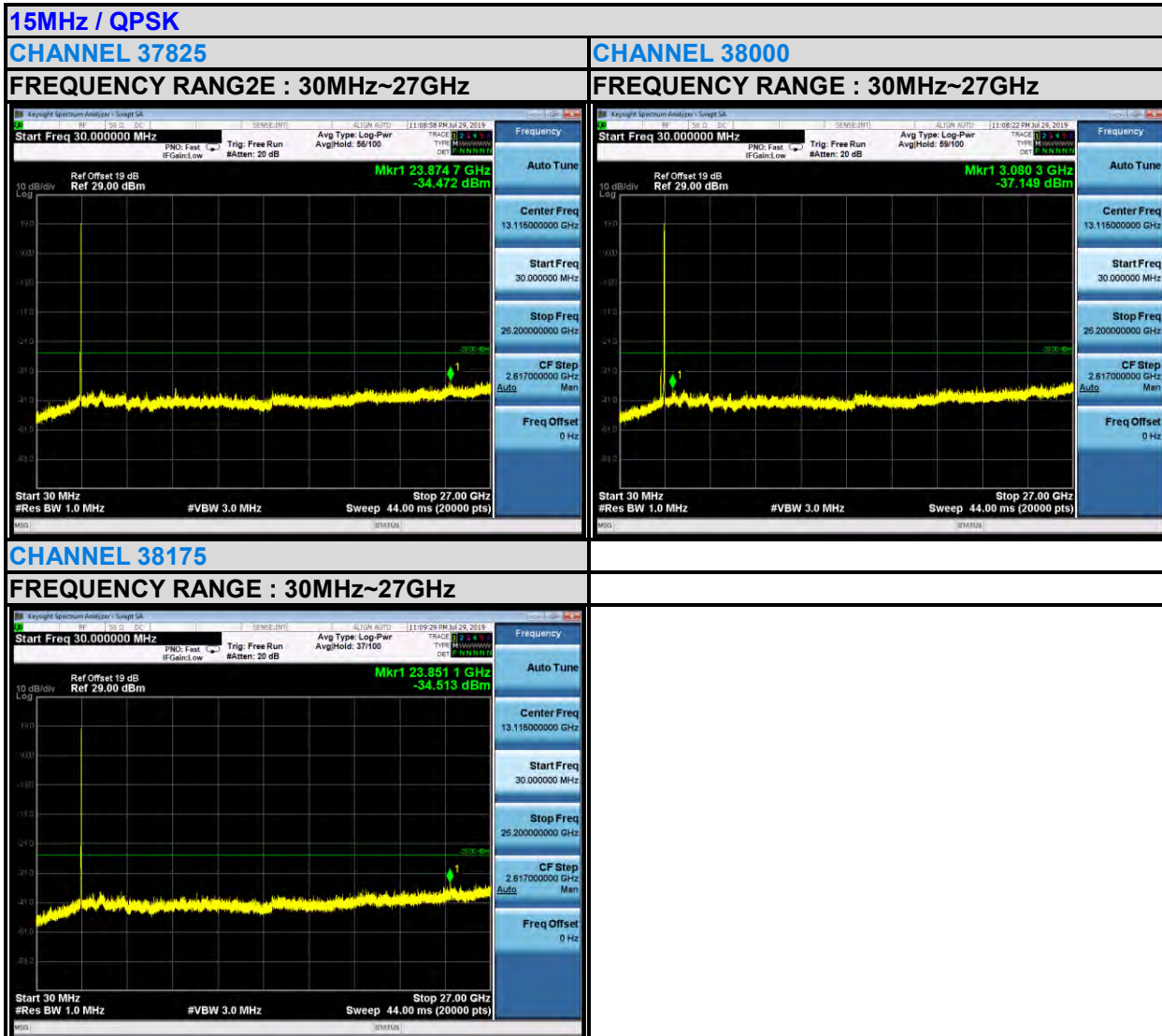
FREQUENCY RANG2E : 30MHz~26.0GHz



LTE BAND 38



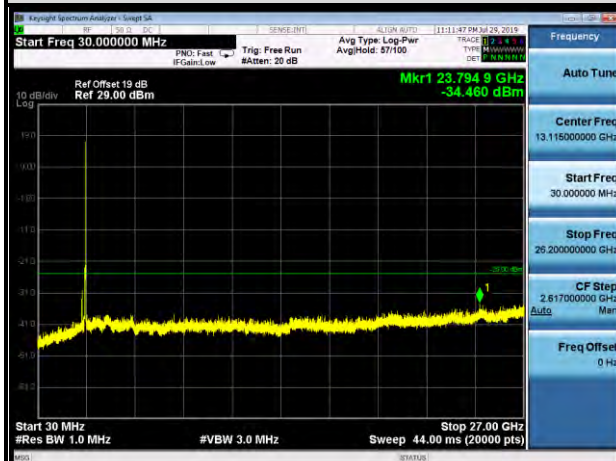




20MHz / QPSK

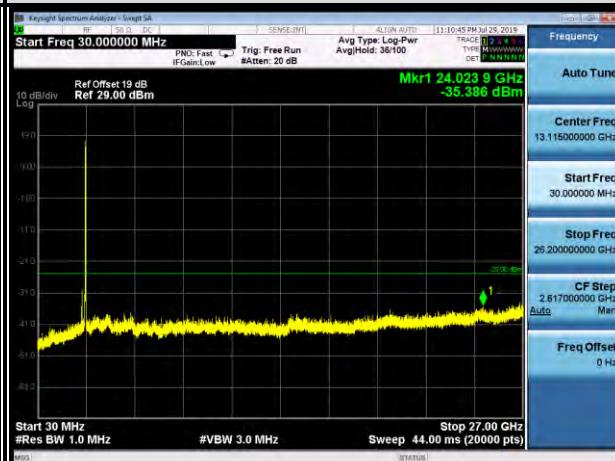
CHANNEL 37850

FREQUENCY RANGE : 30MHz~27GHz



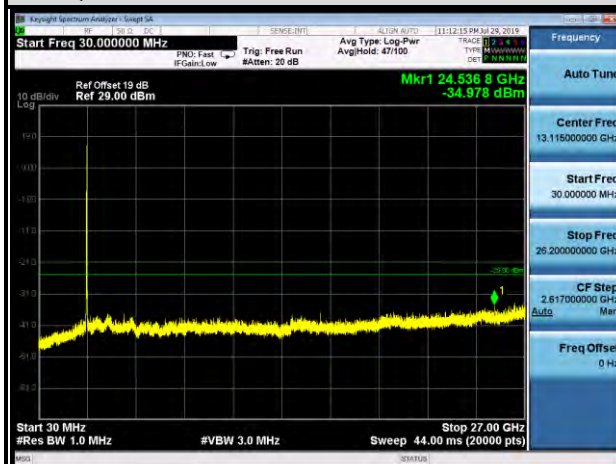
CHANNEL 38000

FREQUENCY RANGE : 30MHz~27GHz



CHANNEL 38150

FREQUENCY RANGE : 30MHz~27GHz





BUREAU
VERITAS

Test Report No.: RF190712W002-6

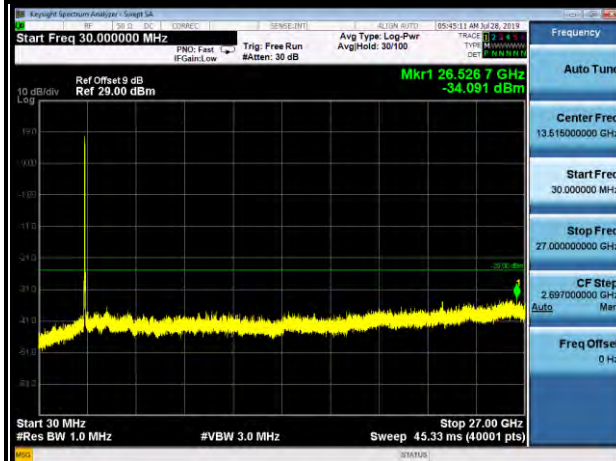
LTE BAND CA_38C

15MHz + 15MHz / QPSK

LOWEST CHANNEL

1RB0&1RB74

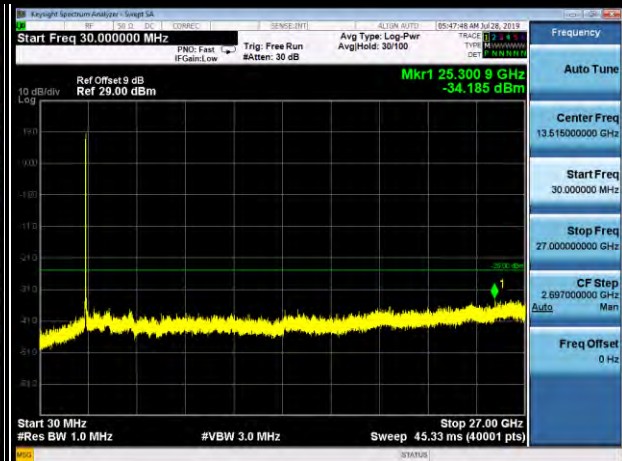
FREQUENCY RANG2E : 30MHz~27GHz



LOWEST CHANNEL

1RB74&1RB0

FREQUENCY RANGE : 30MHz~27GHz



LOWEST CHANNEL

FULLRB0

FREQUENCY RANG2E : 30MHz~27GHz

