

### 3.6 CONDUCTED SPURIOUS EMISSIONS

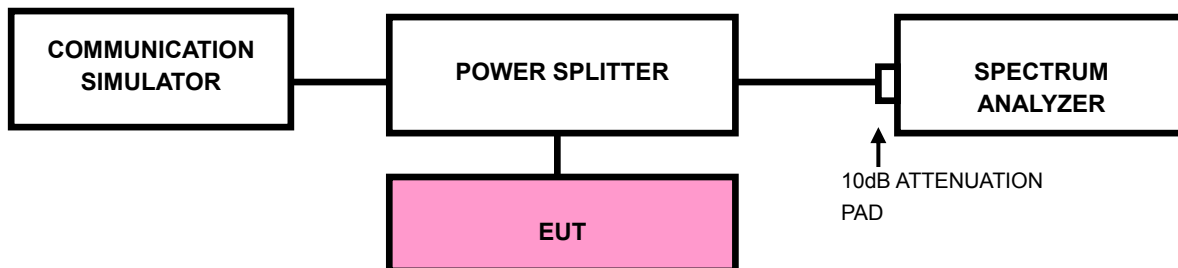
#### 3.6.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

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





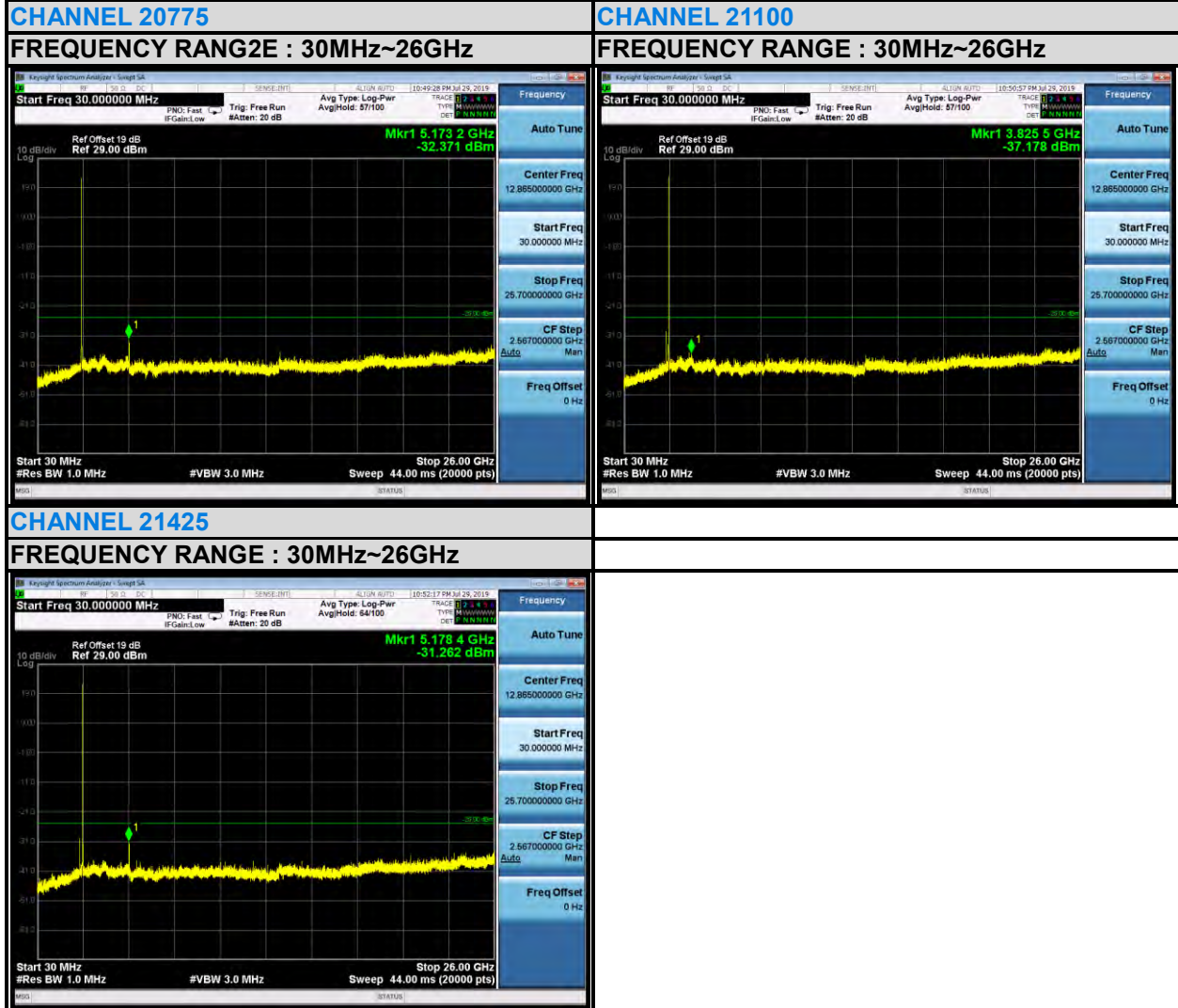
BUREAU VERITAS

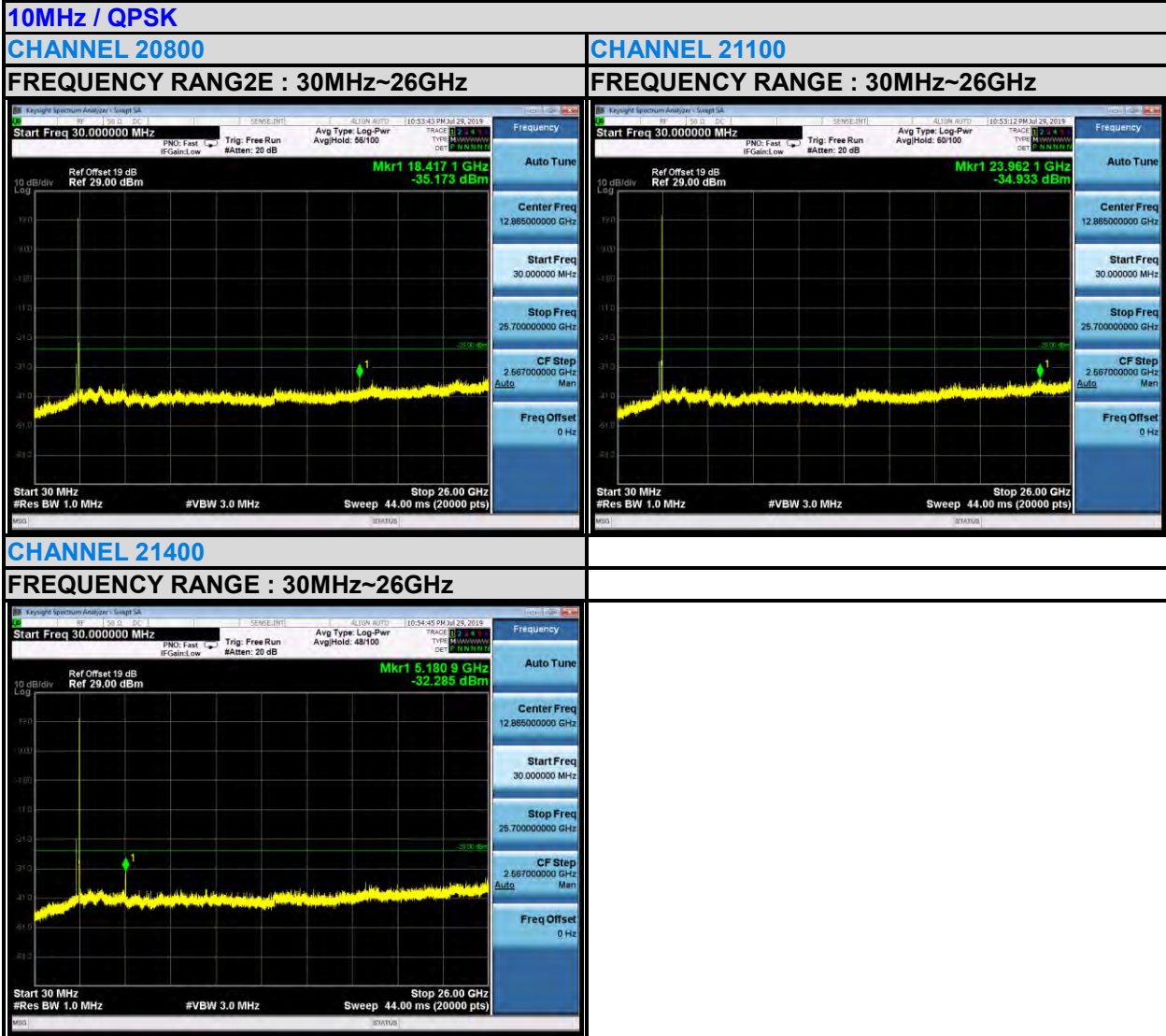
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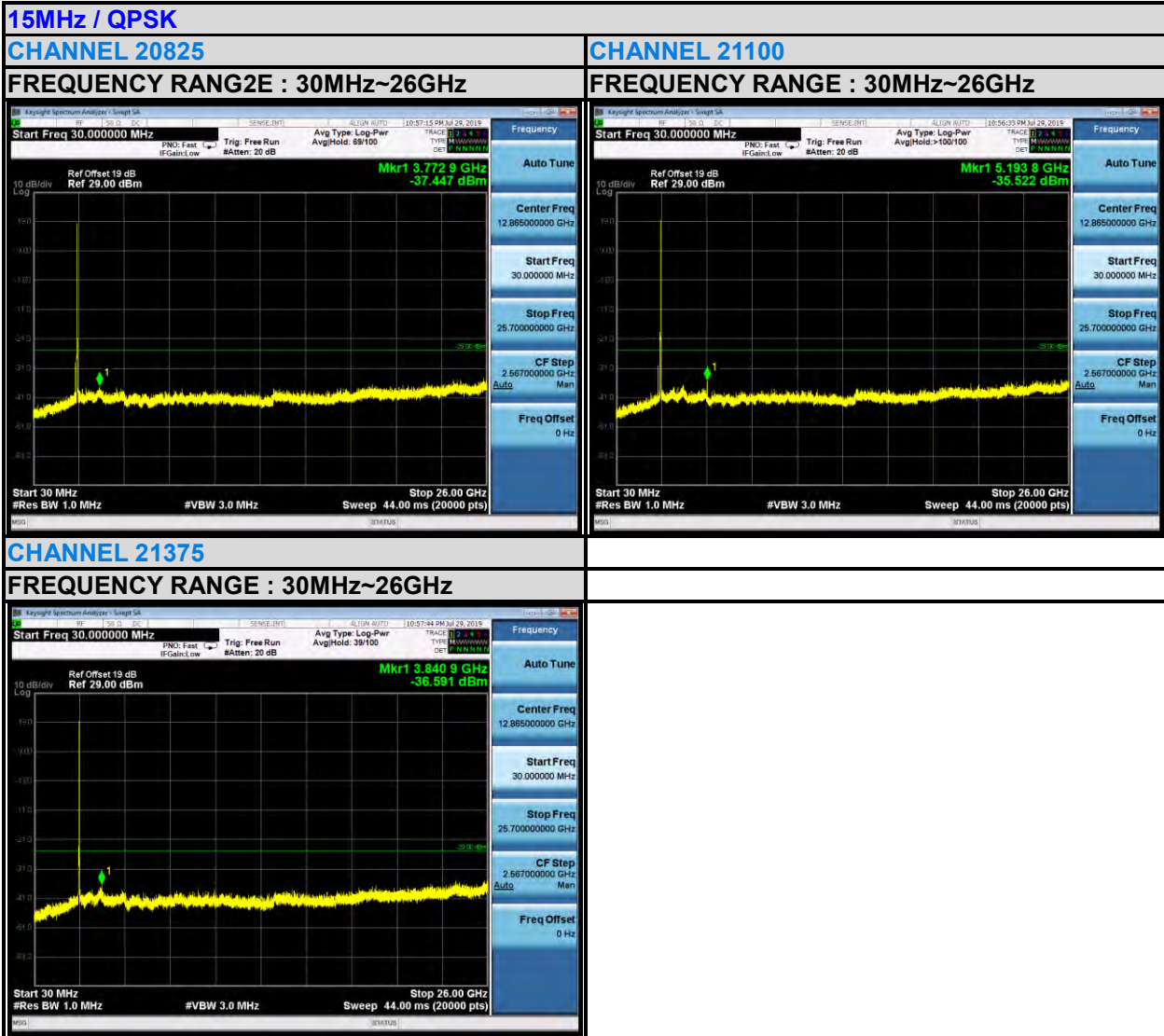
### 3.6.4 TEST RESULTS

#### LTE BAND 7

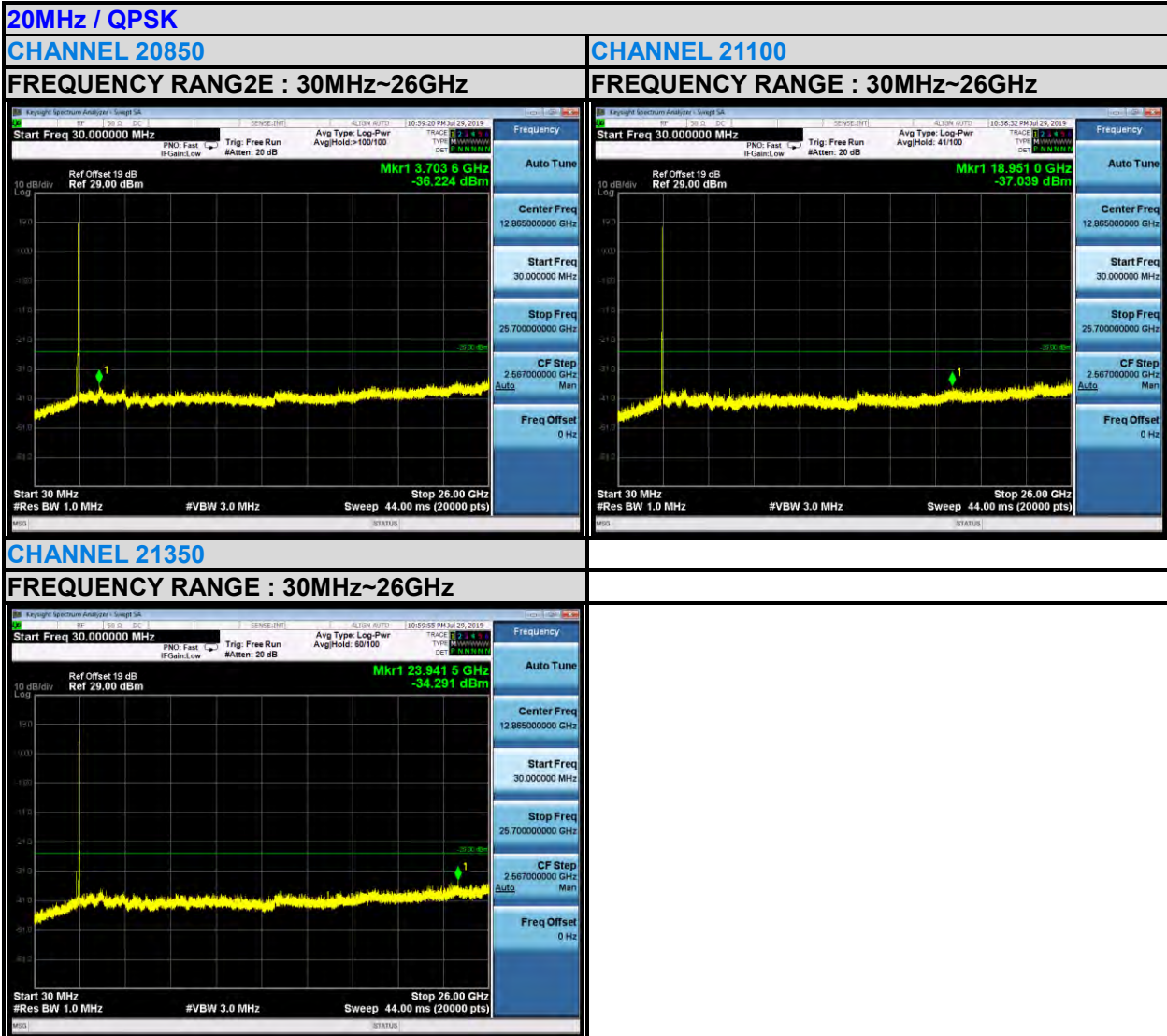
#### 5MHz / QPSK









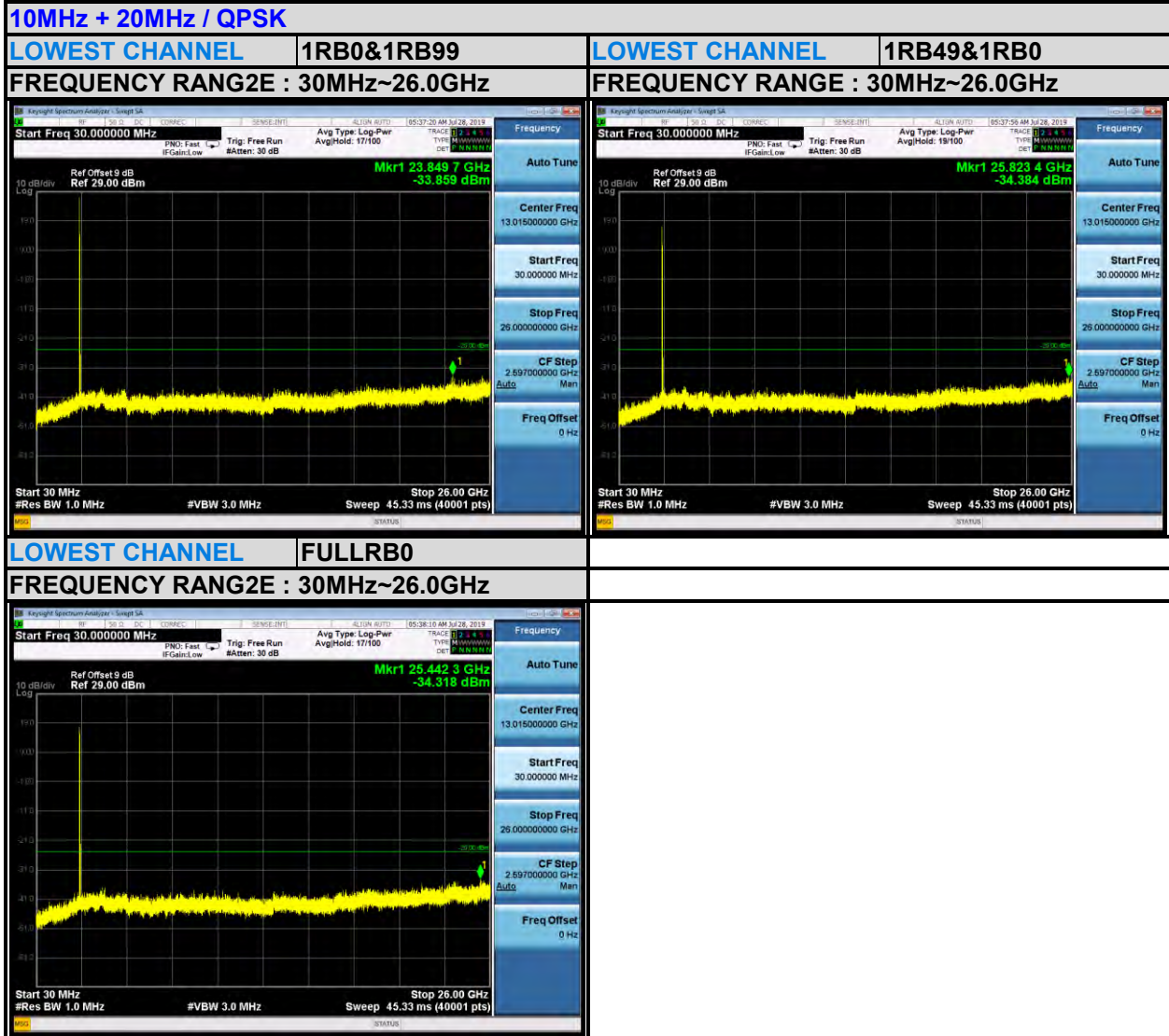


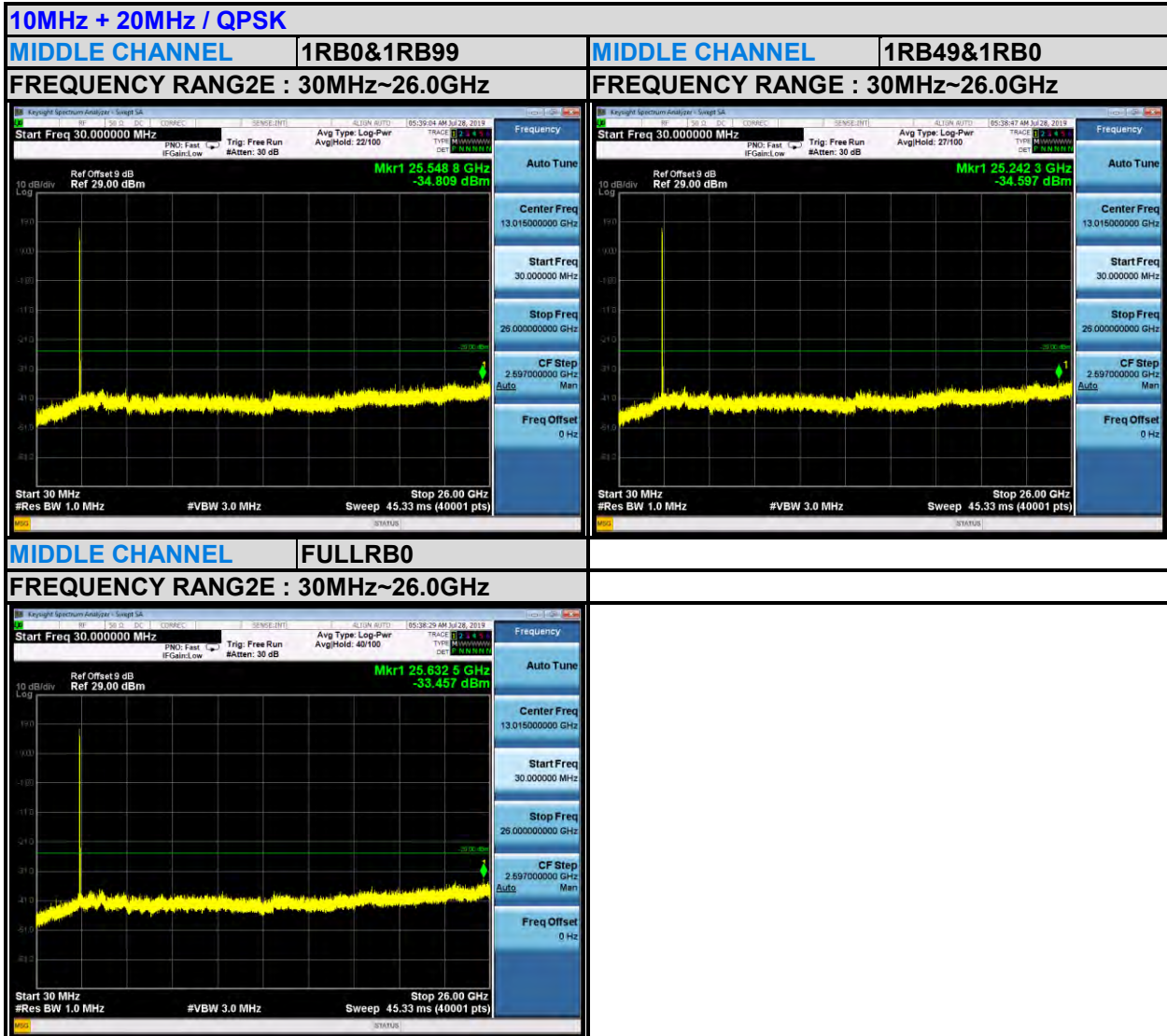


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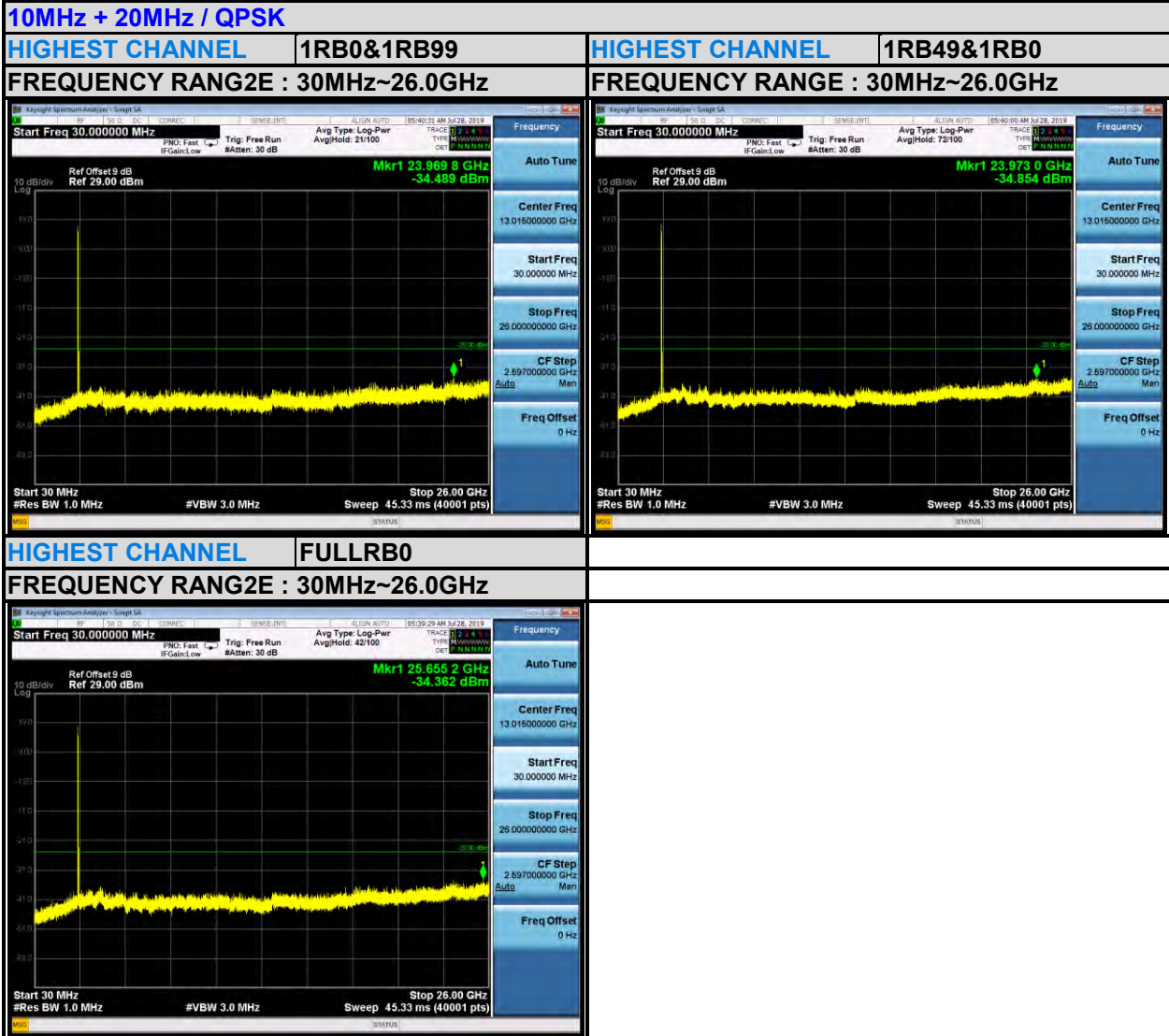
LTE BAND CA\_7C

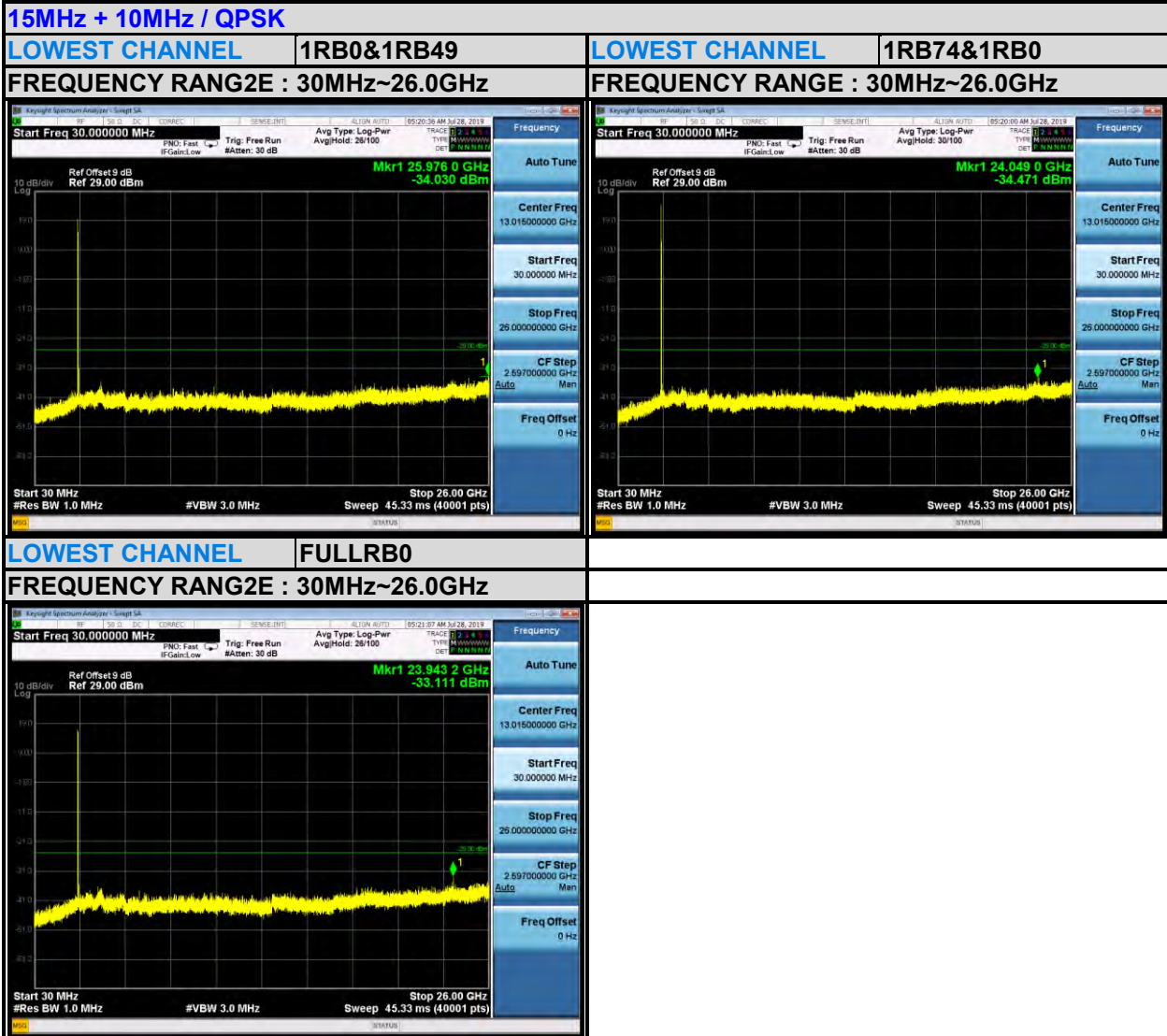






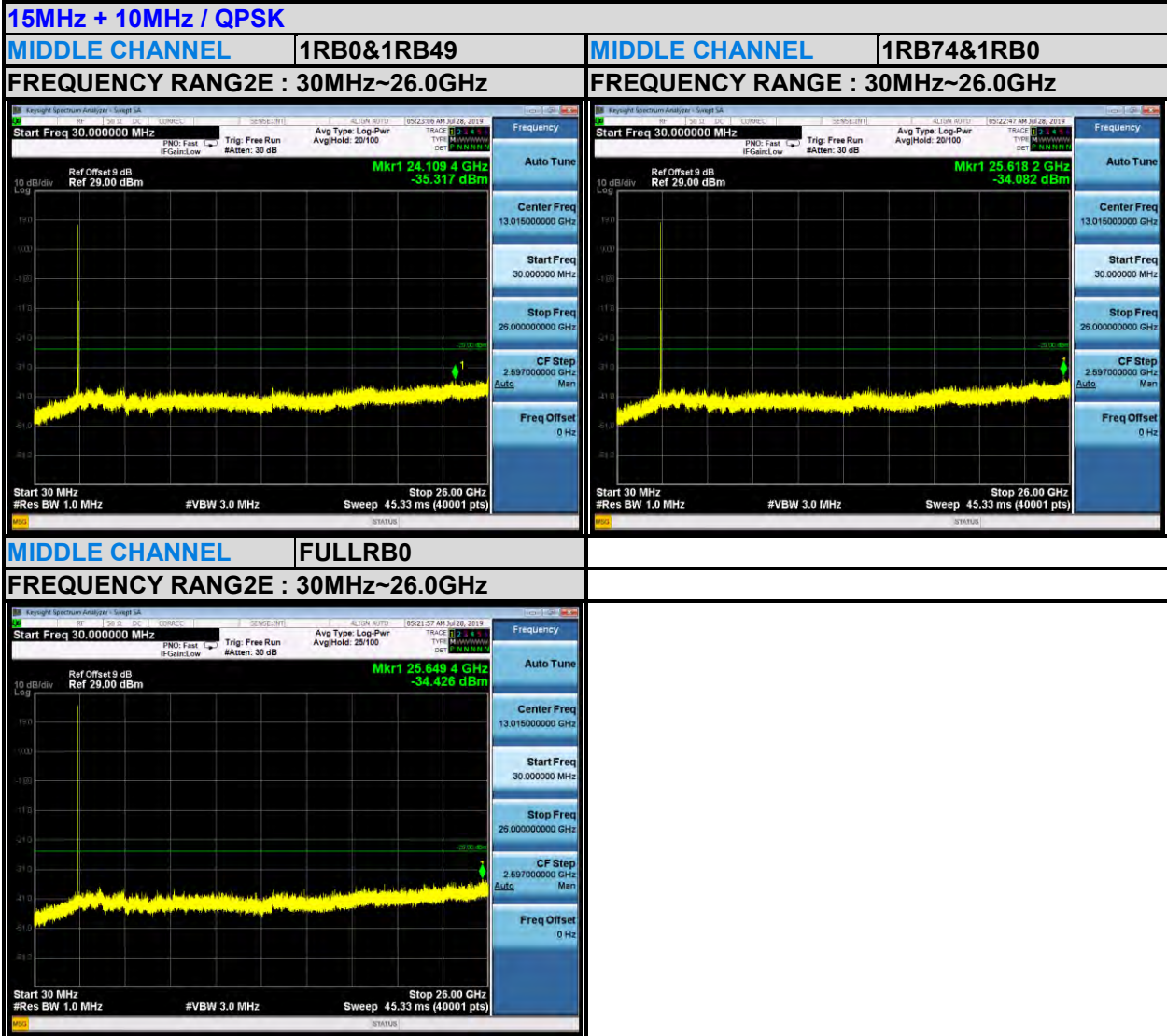
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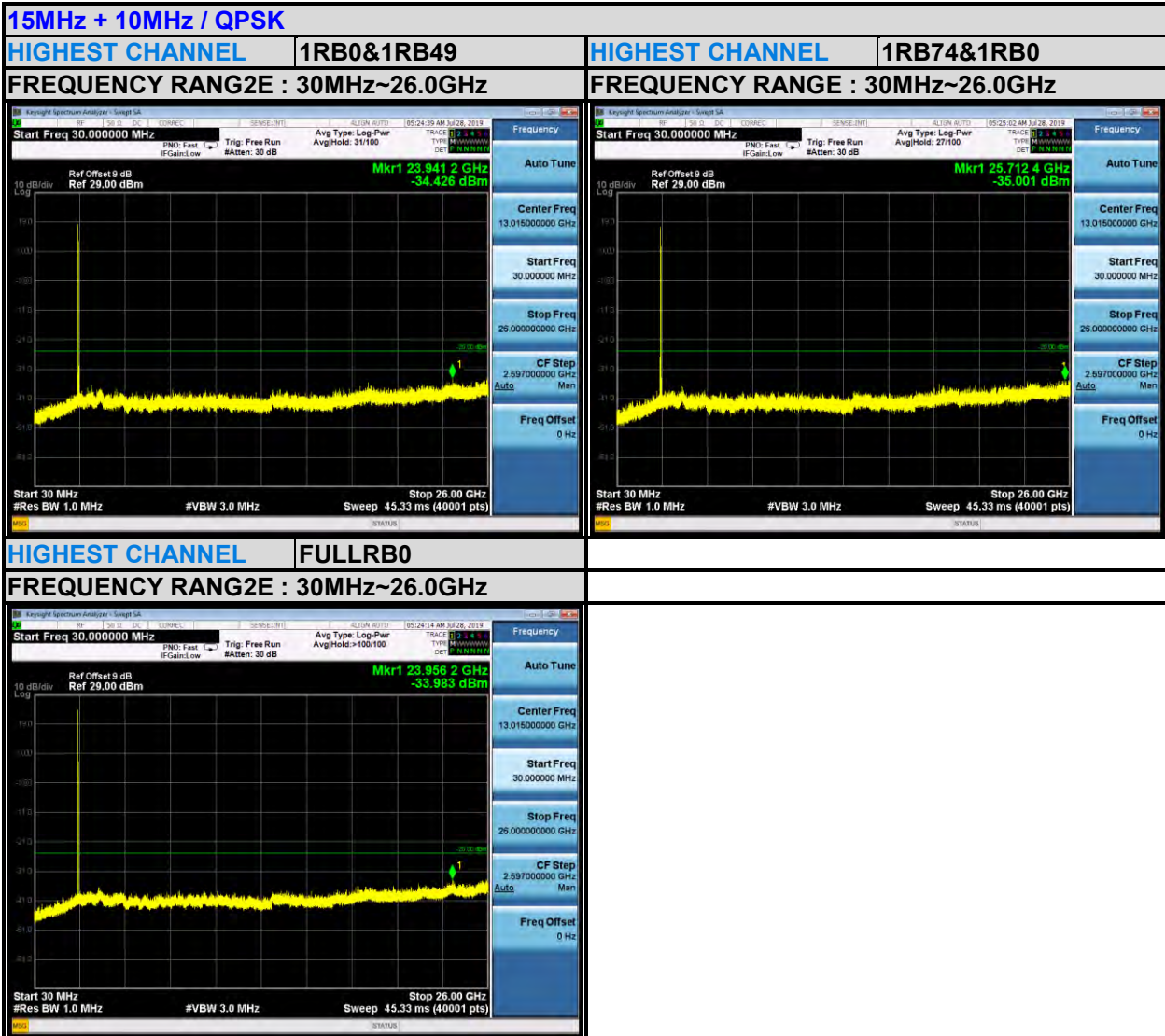


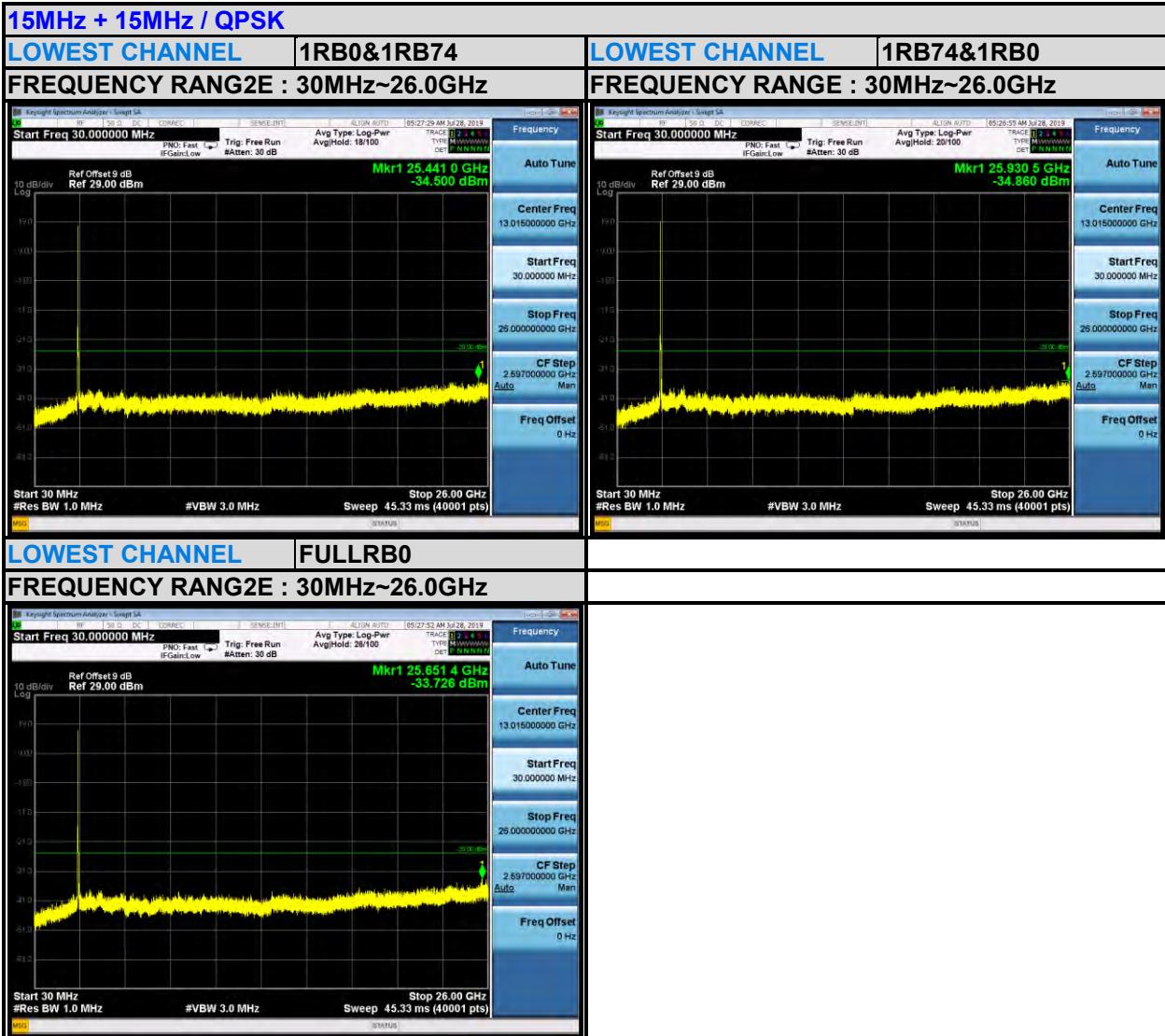




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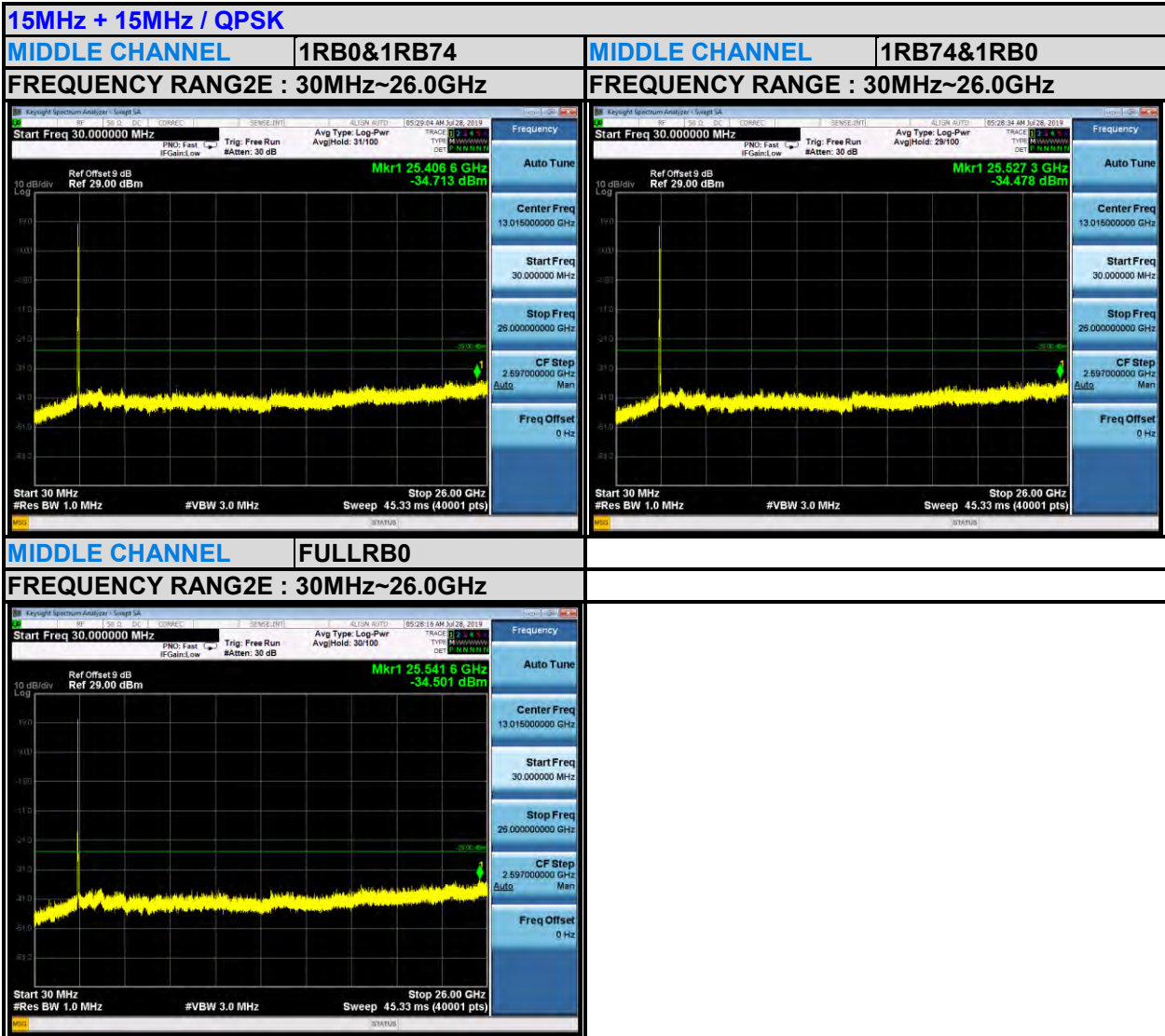


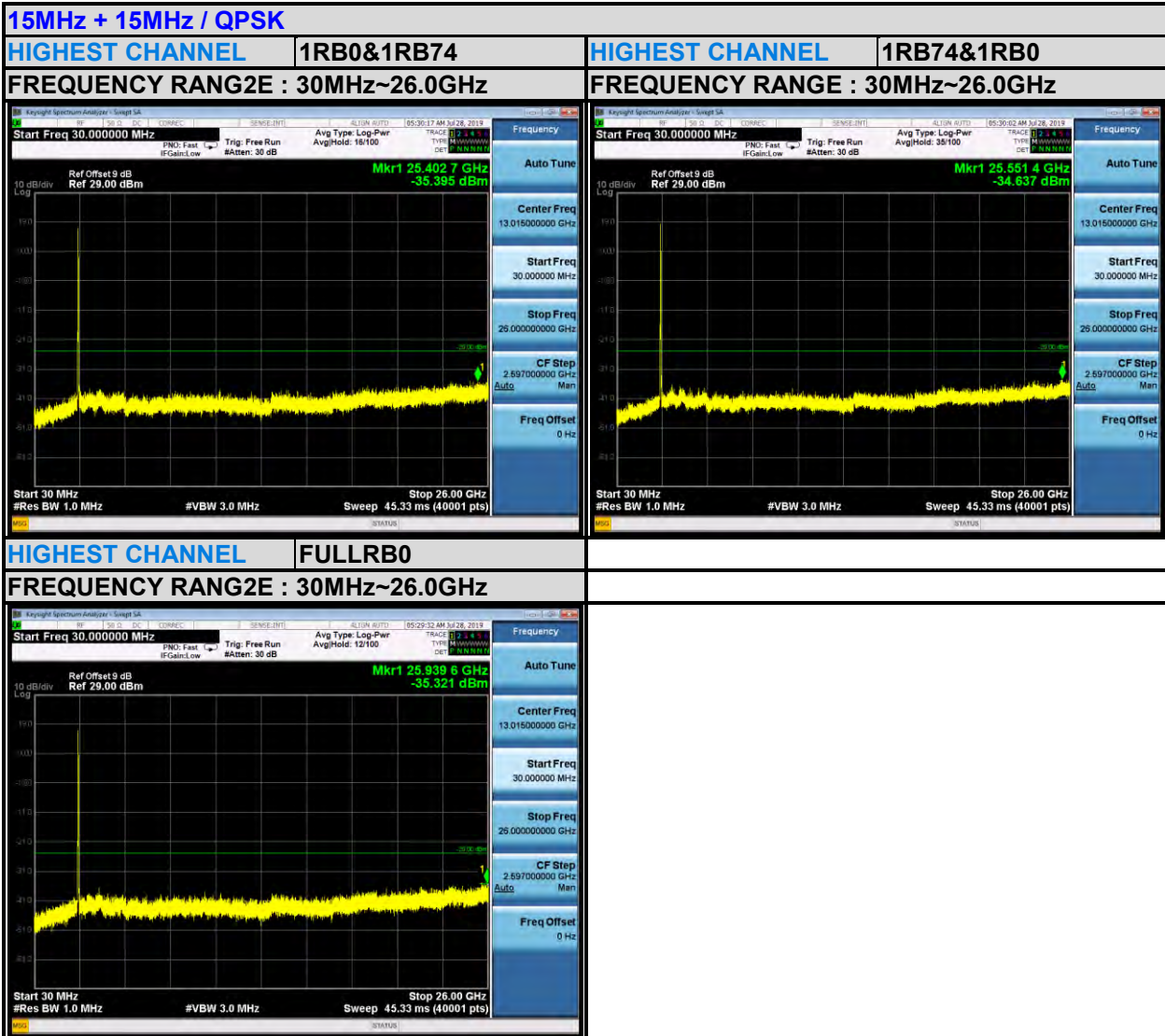


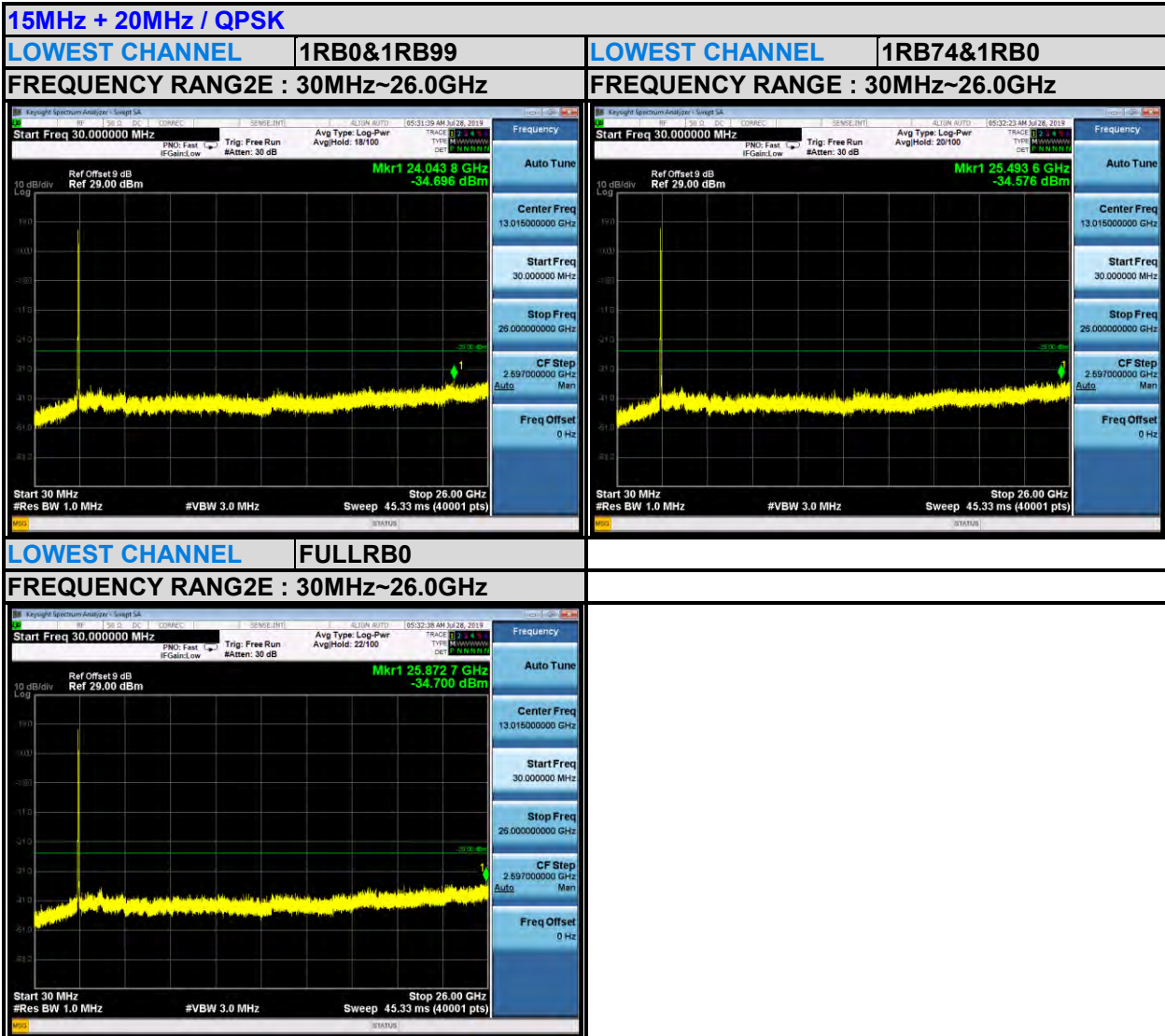


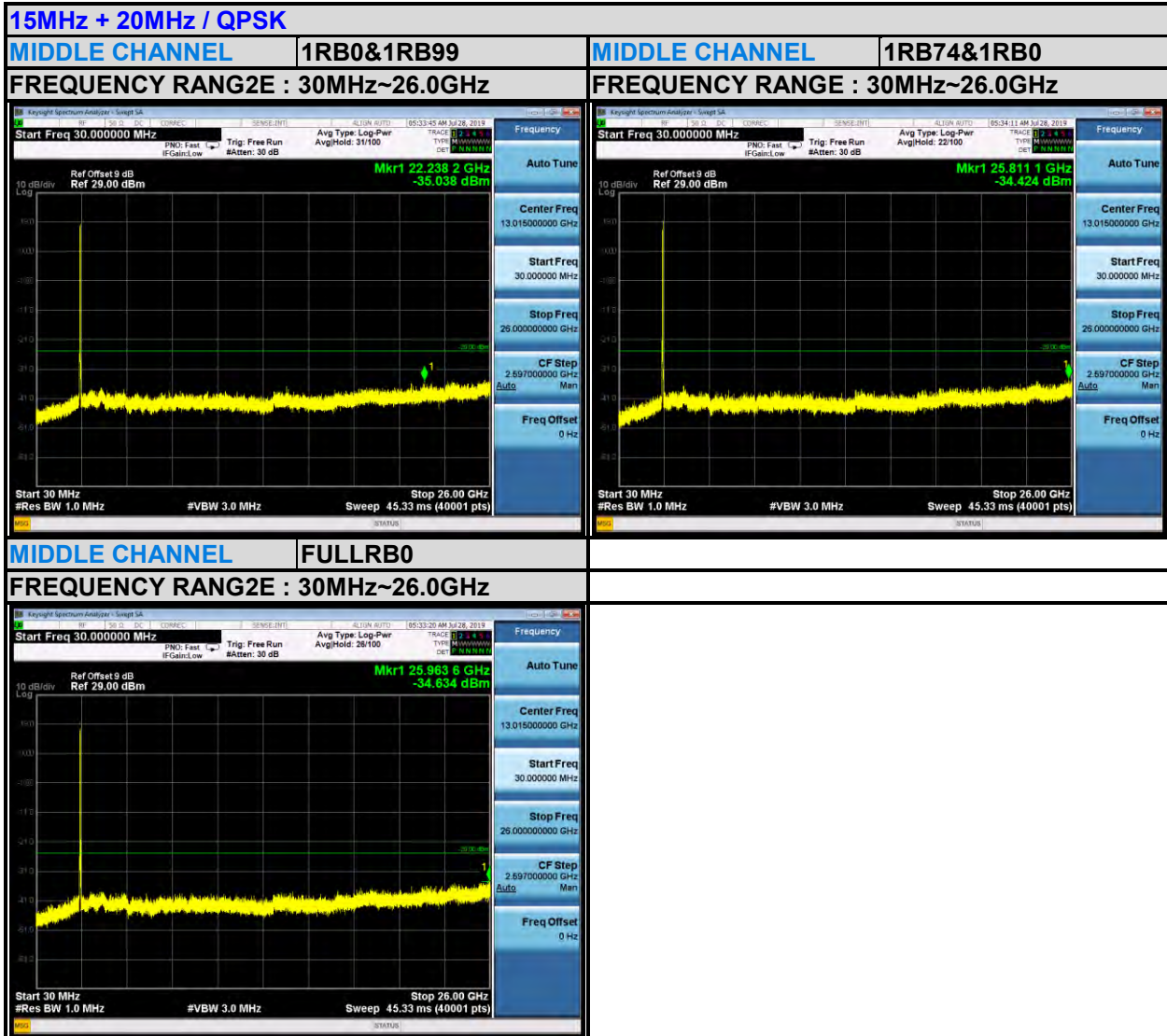


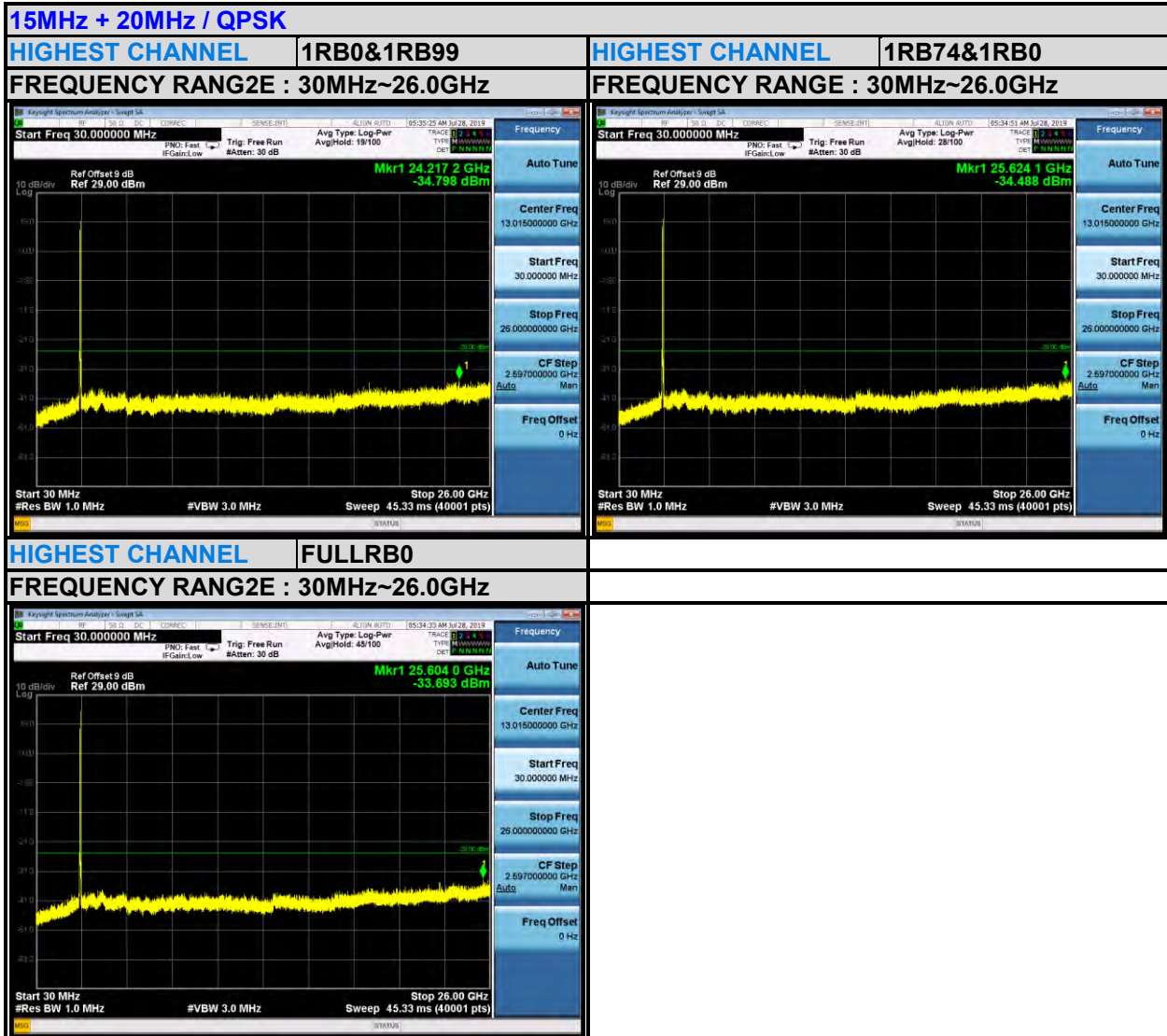
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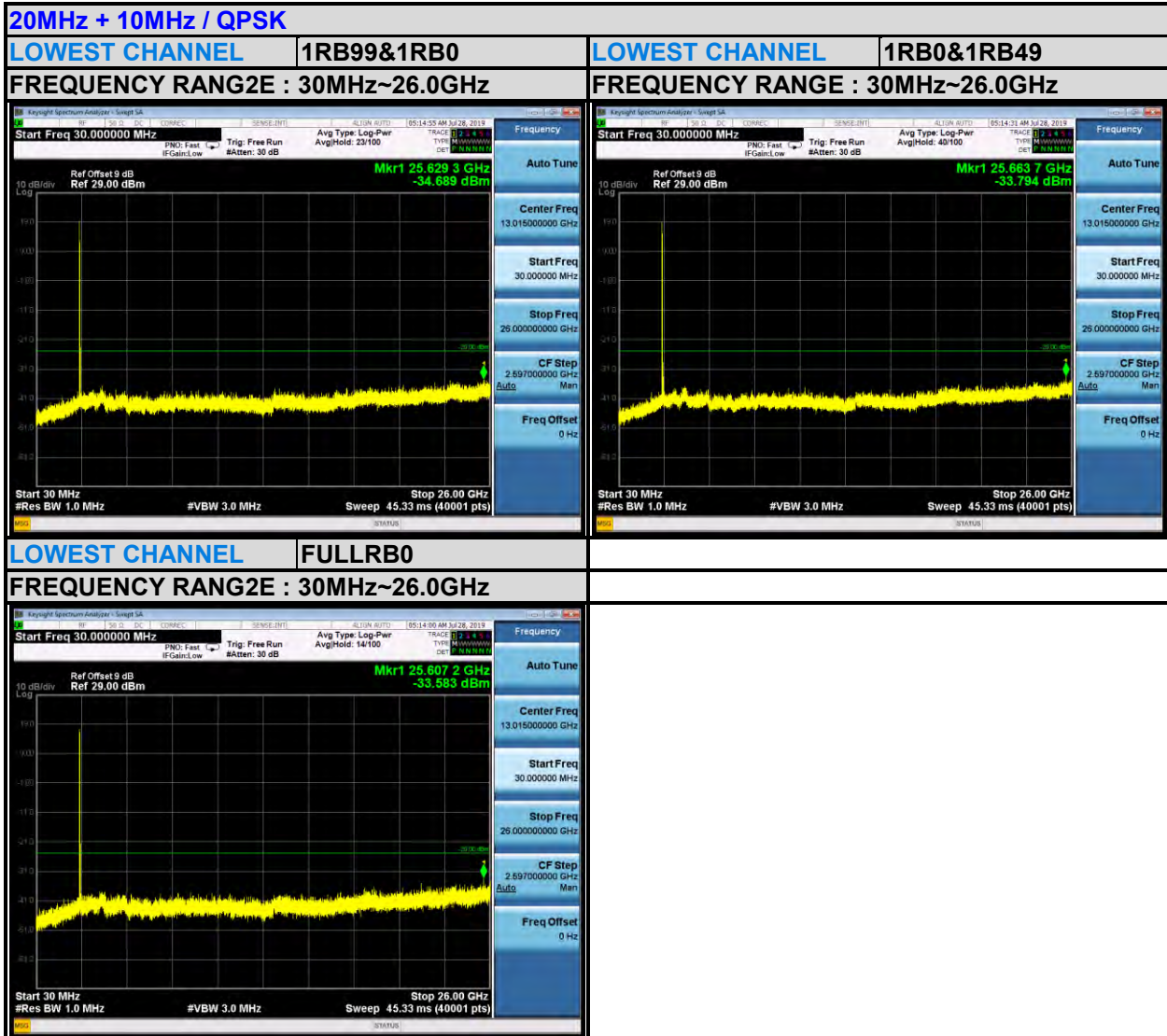






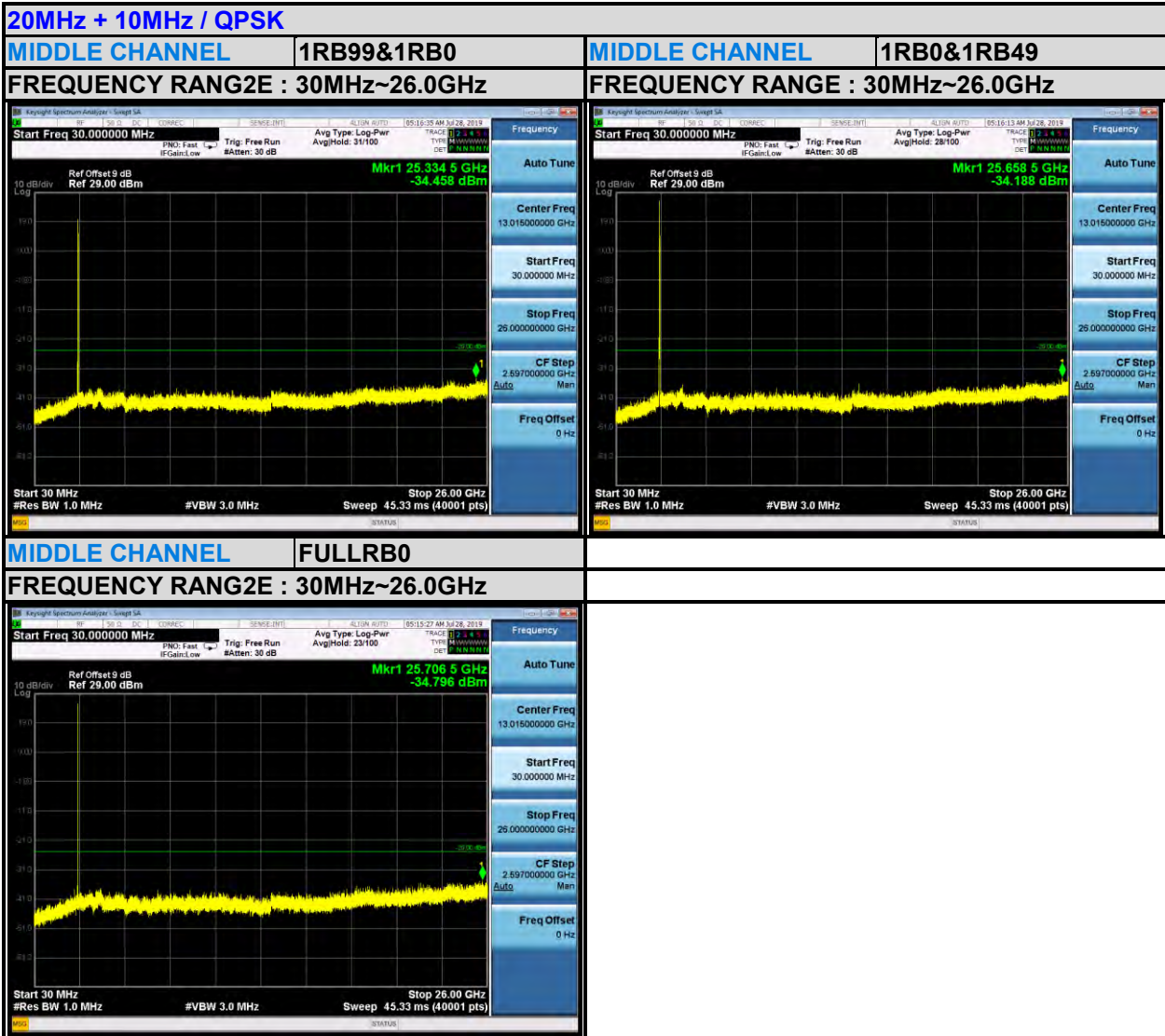


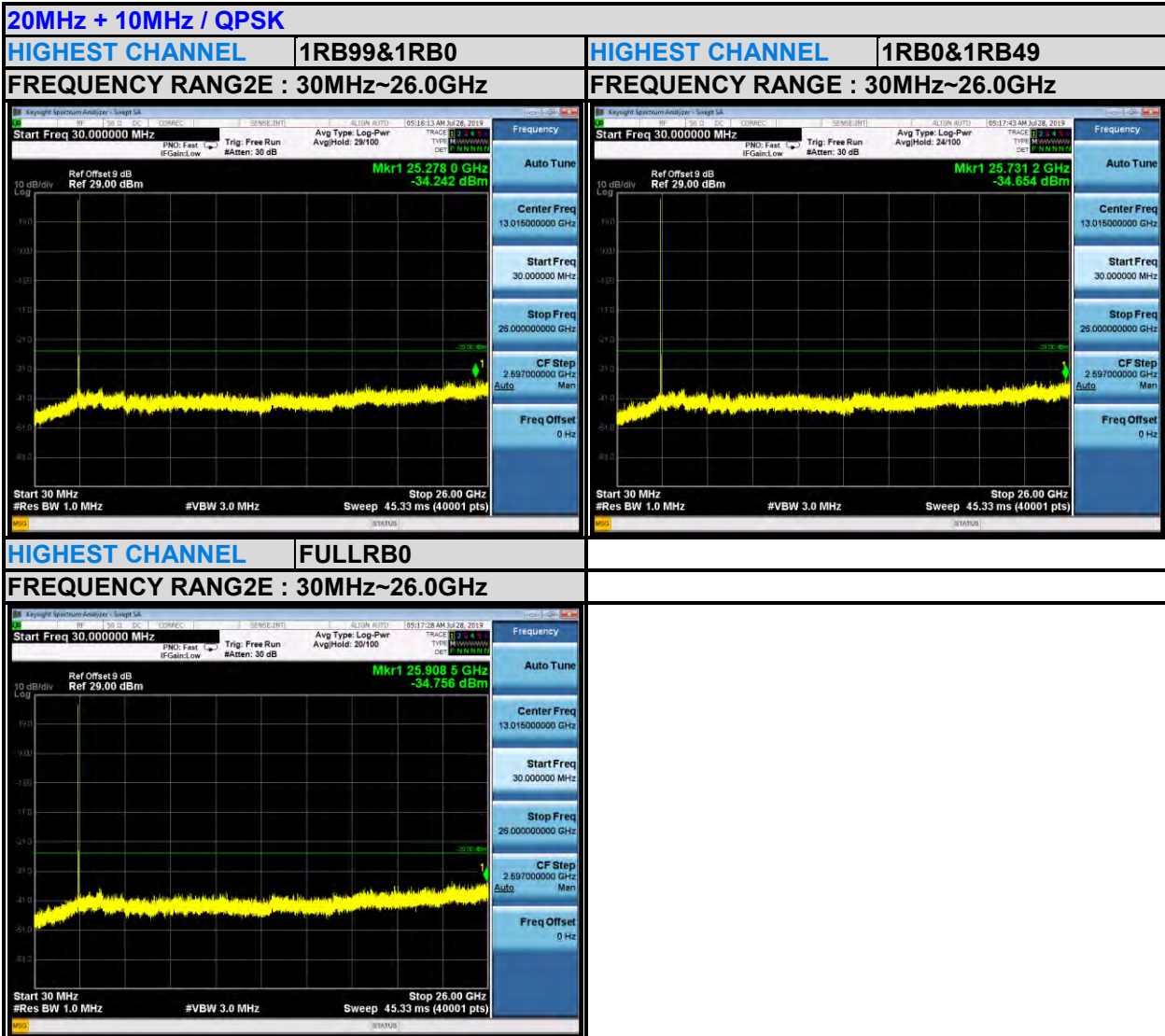
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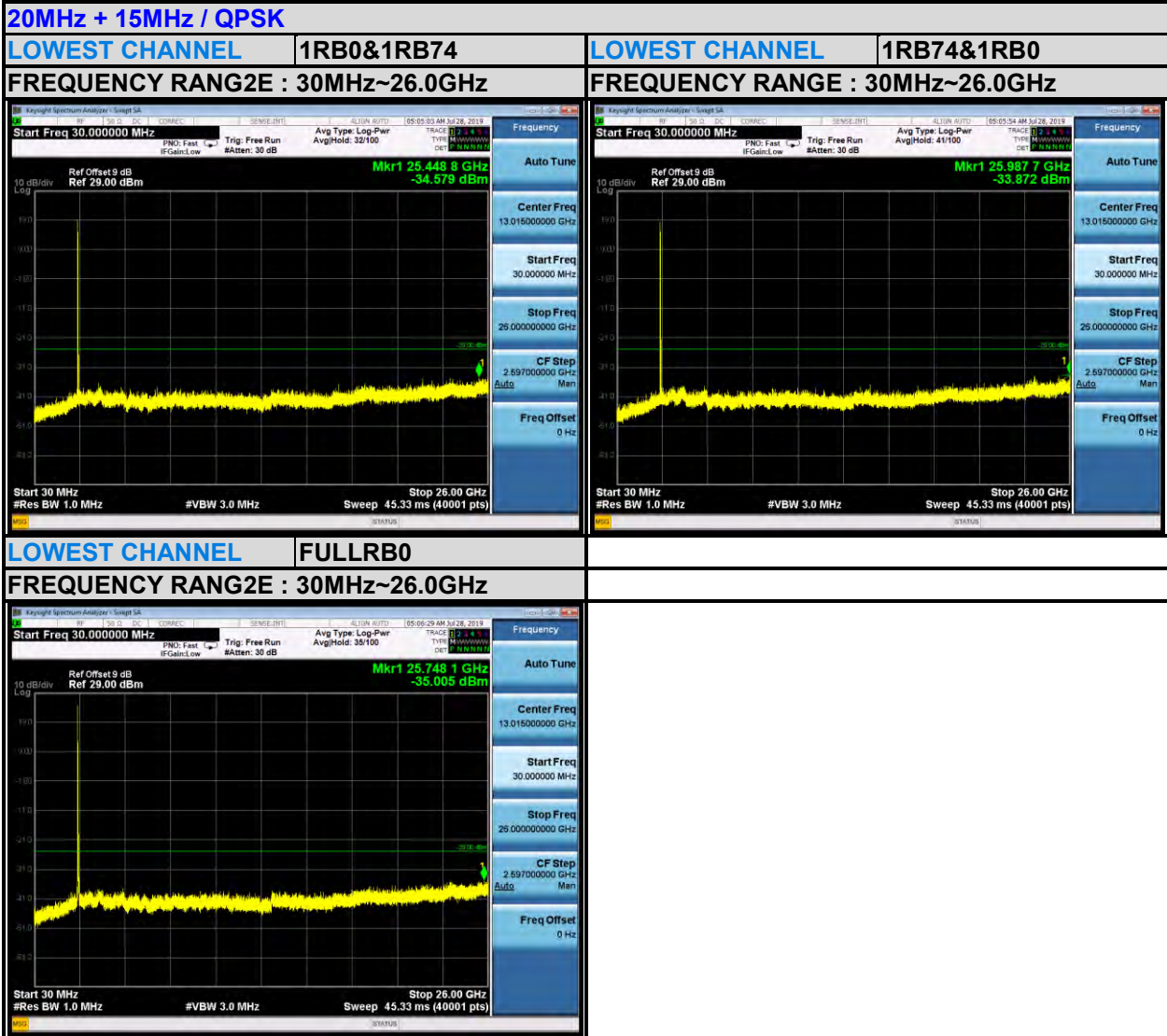


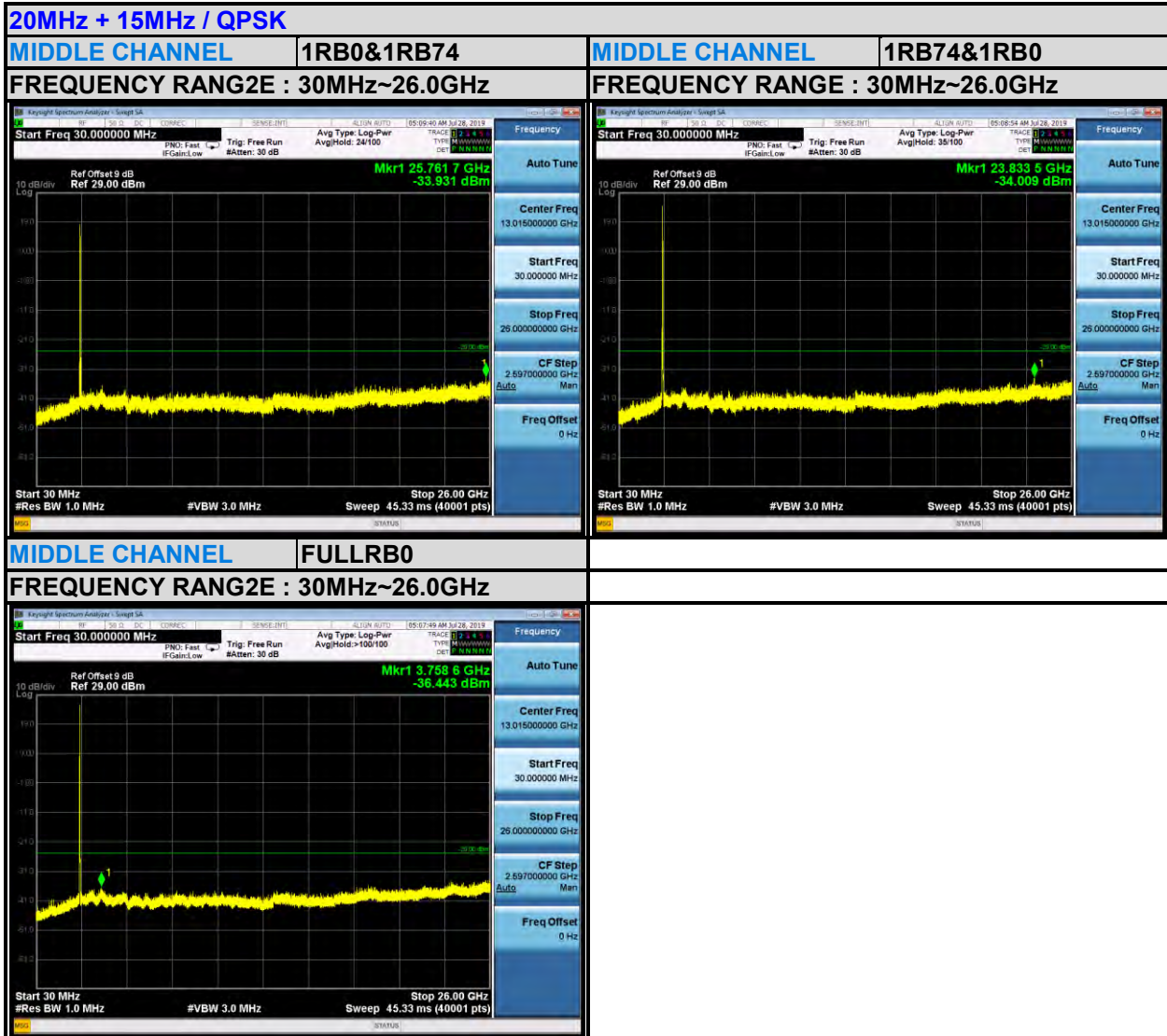
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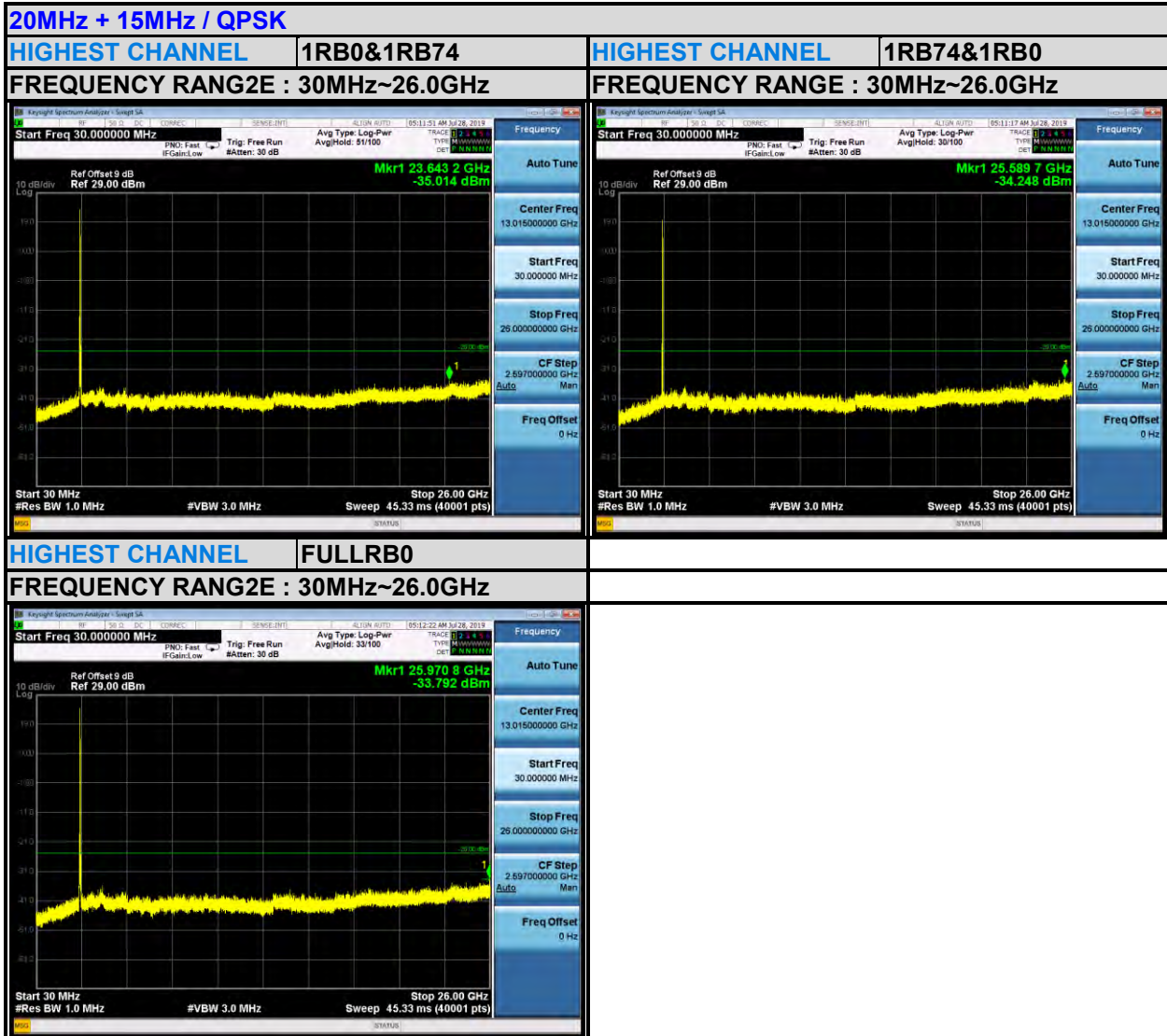






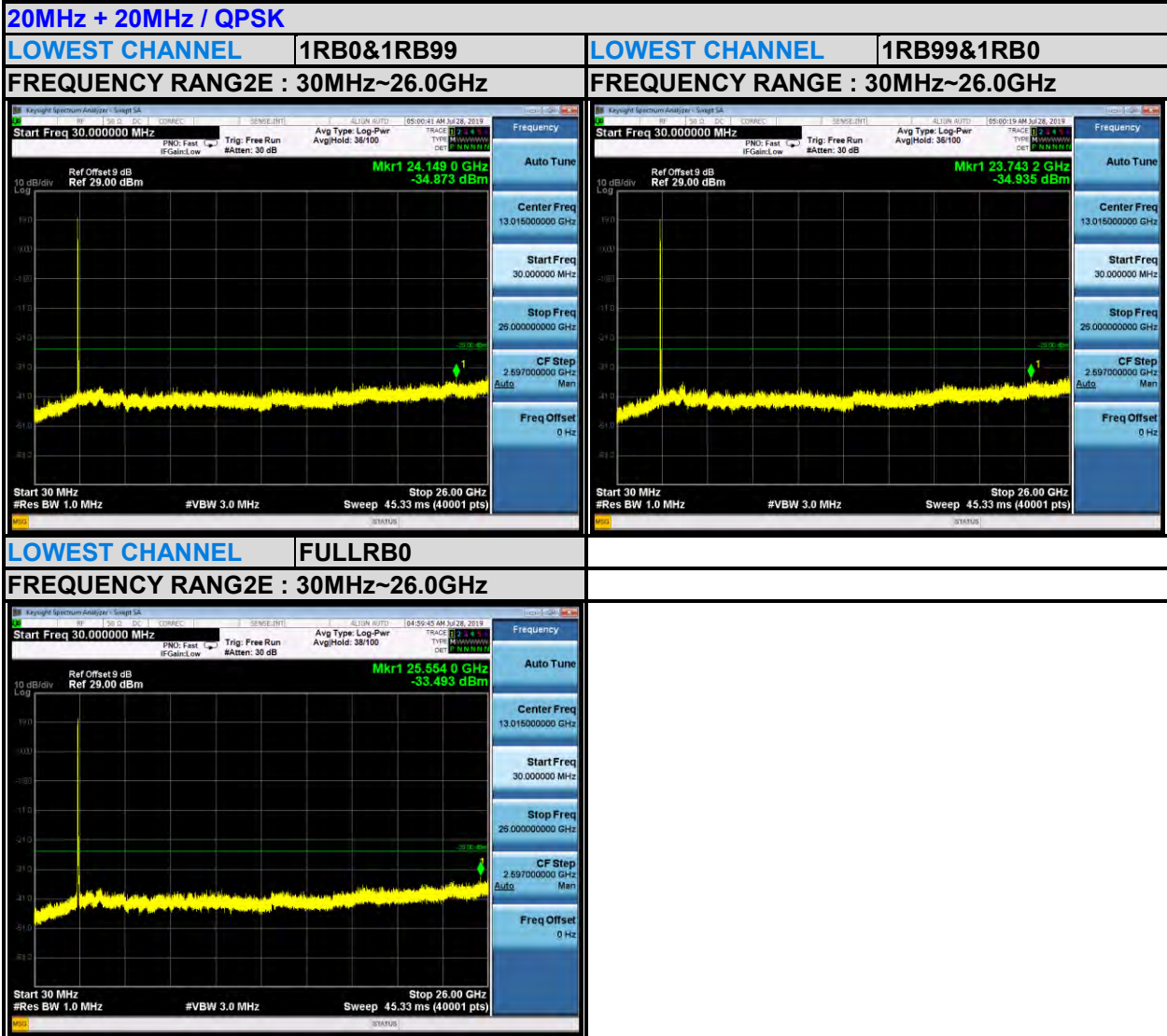


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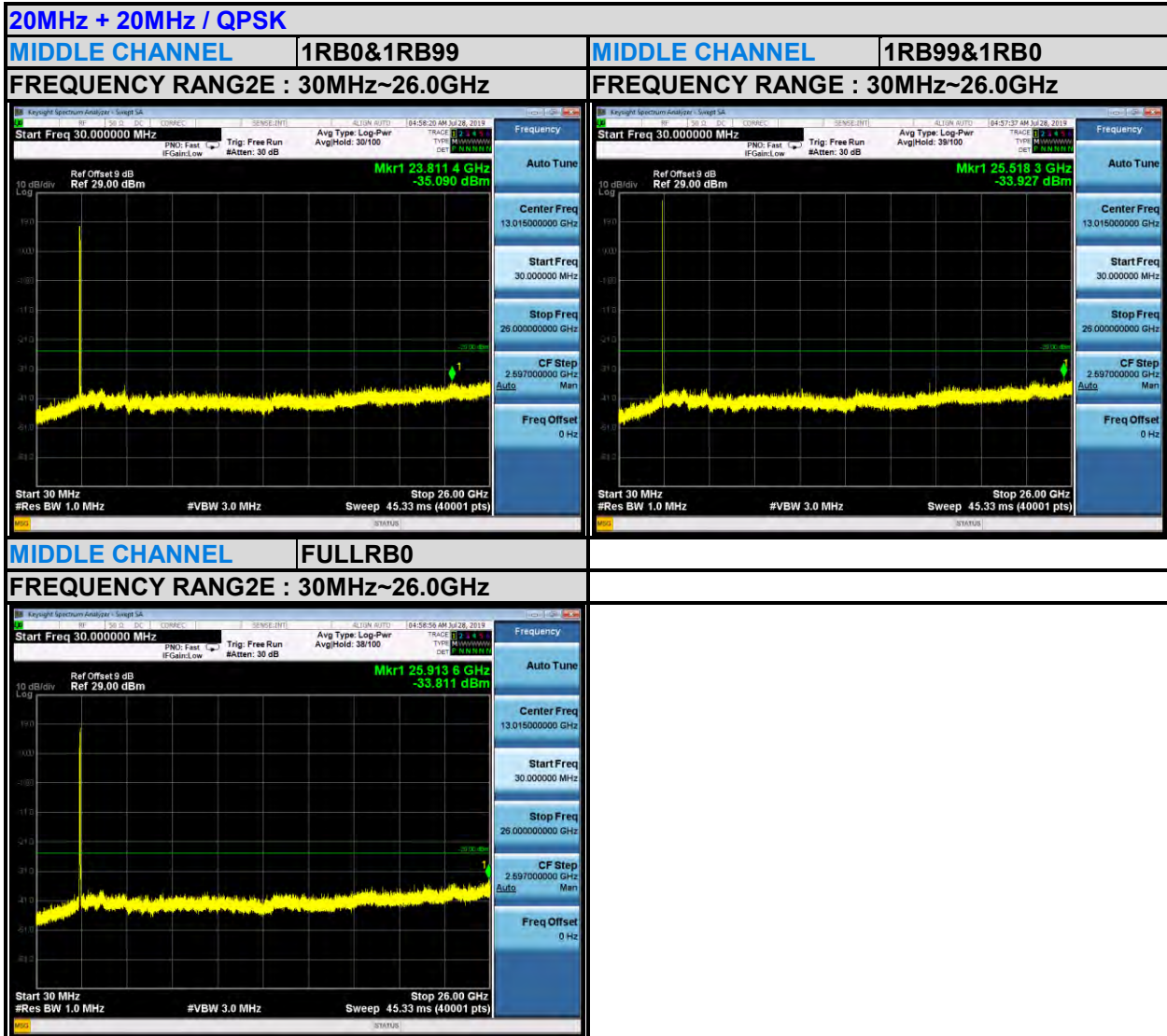


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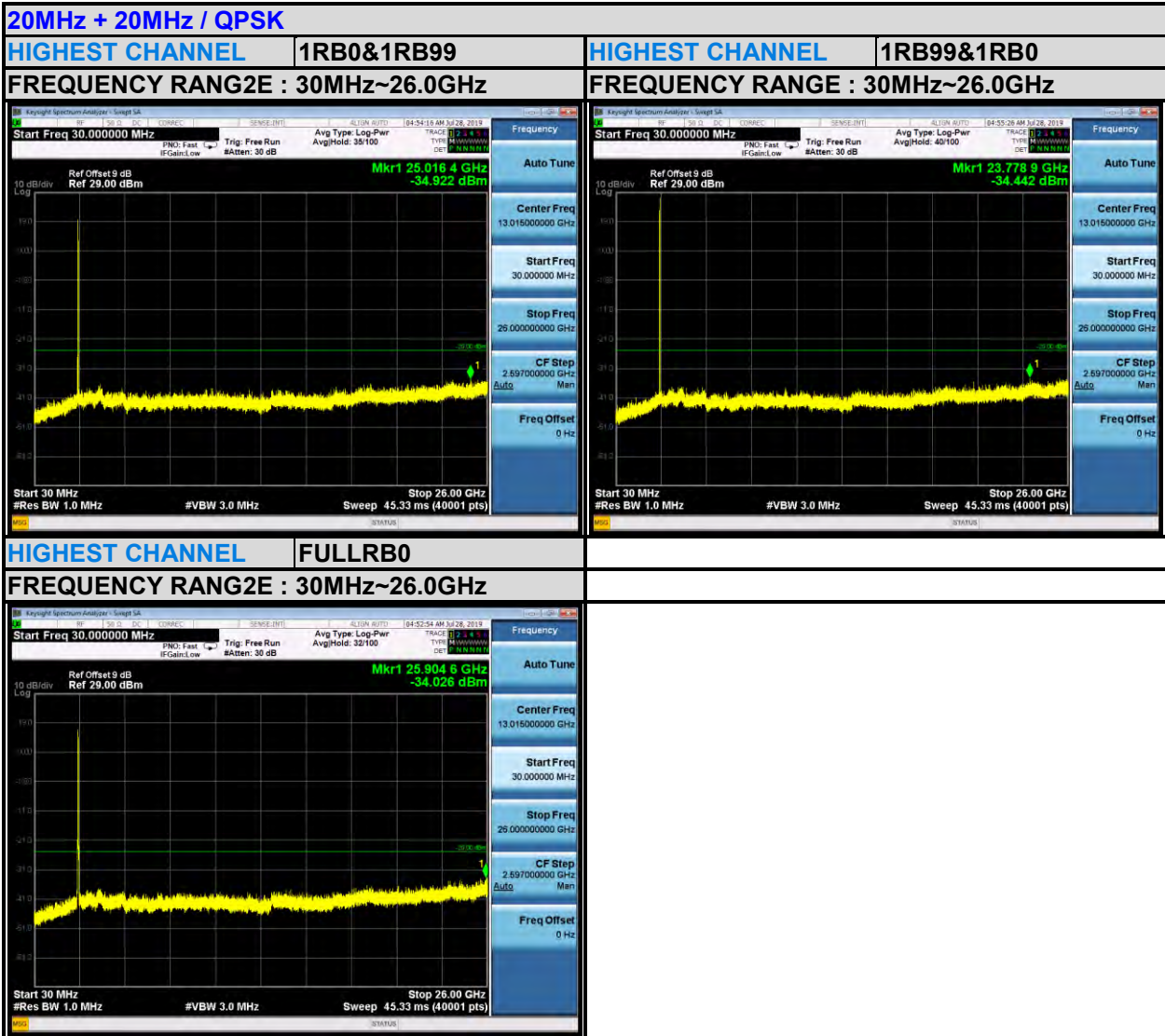


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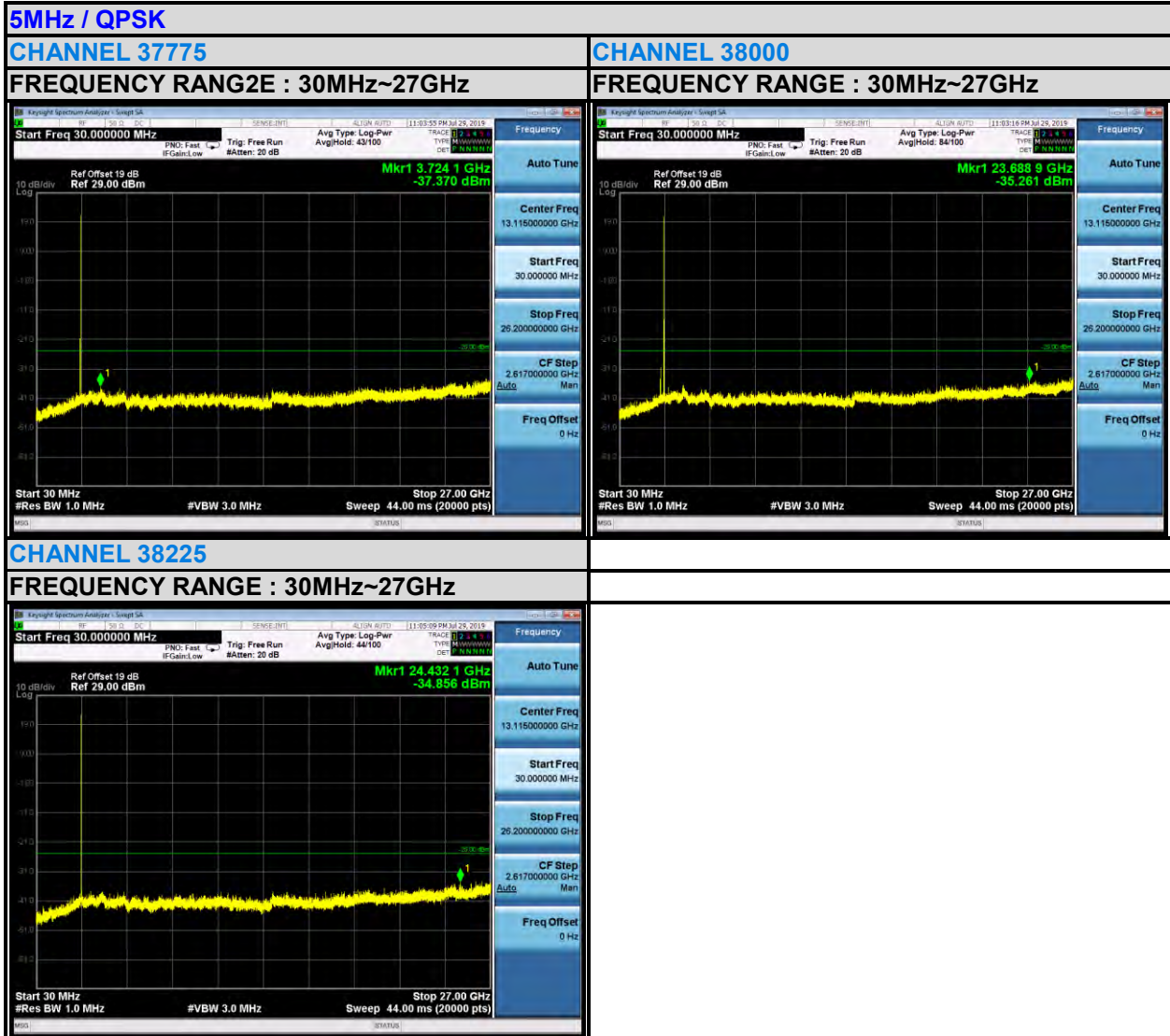


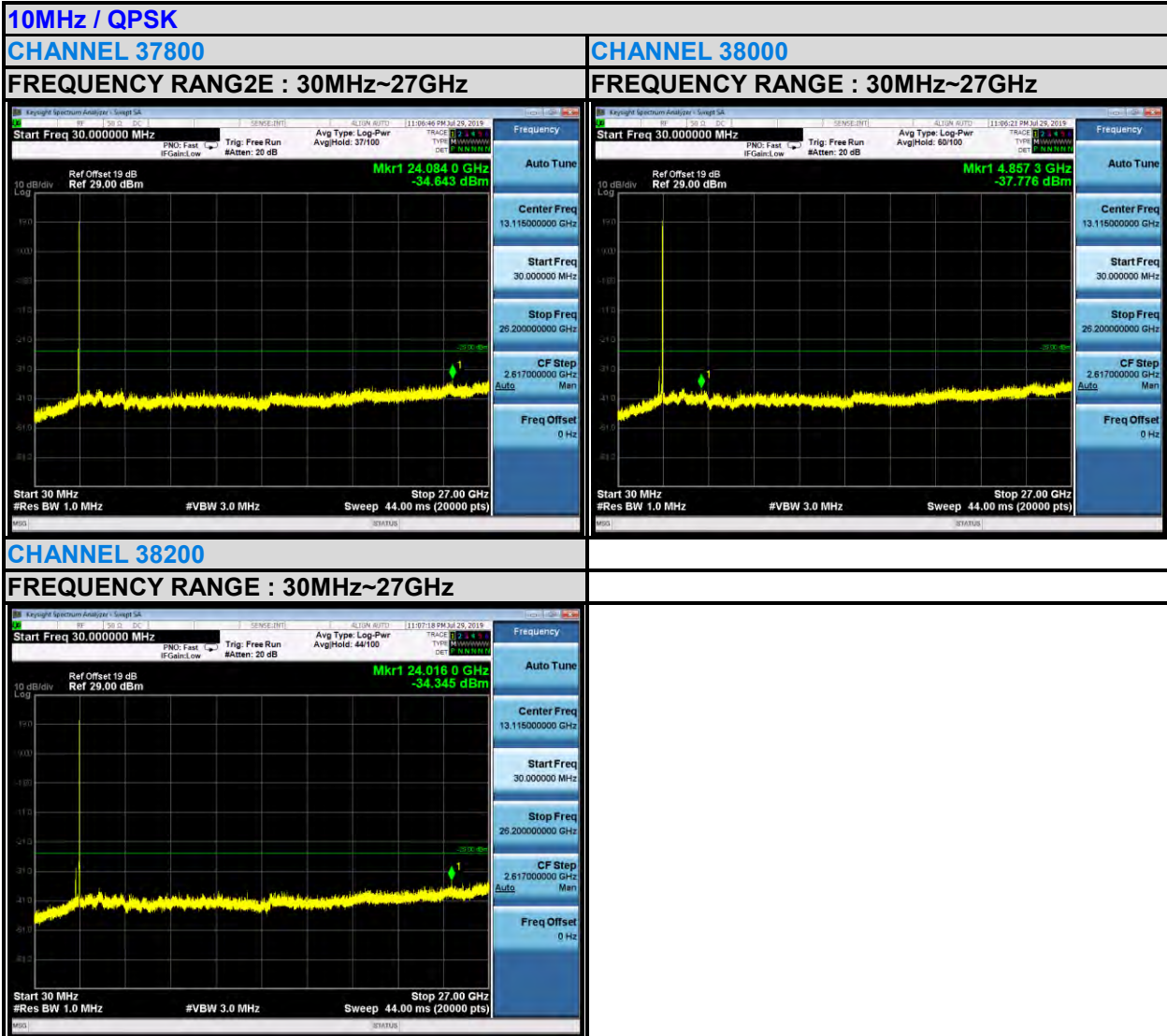


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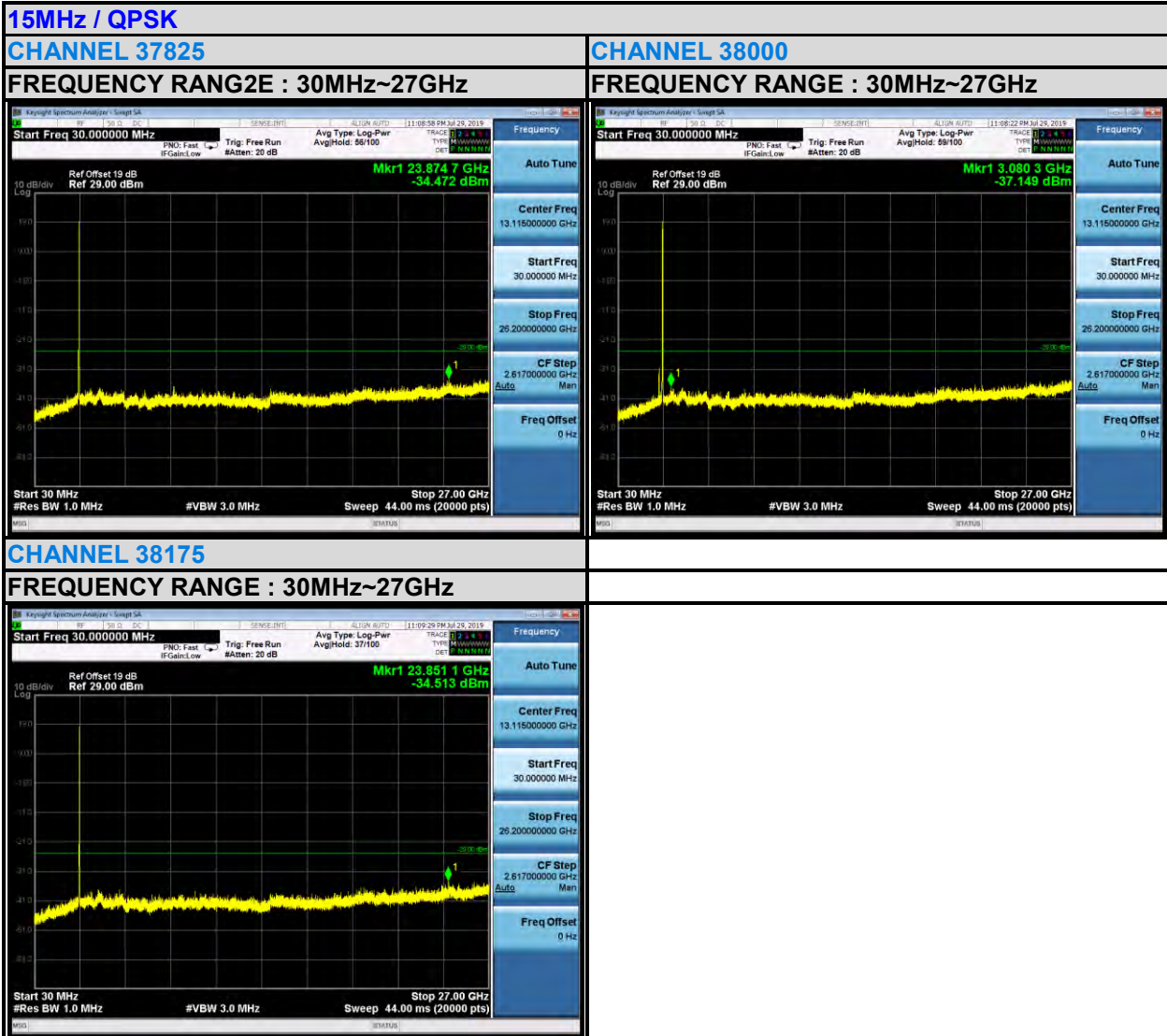
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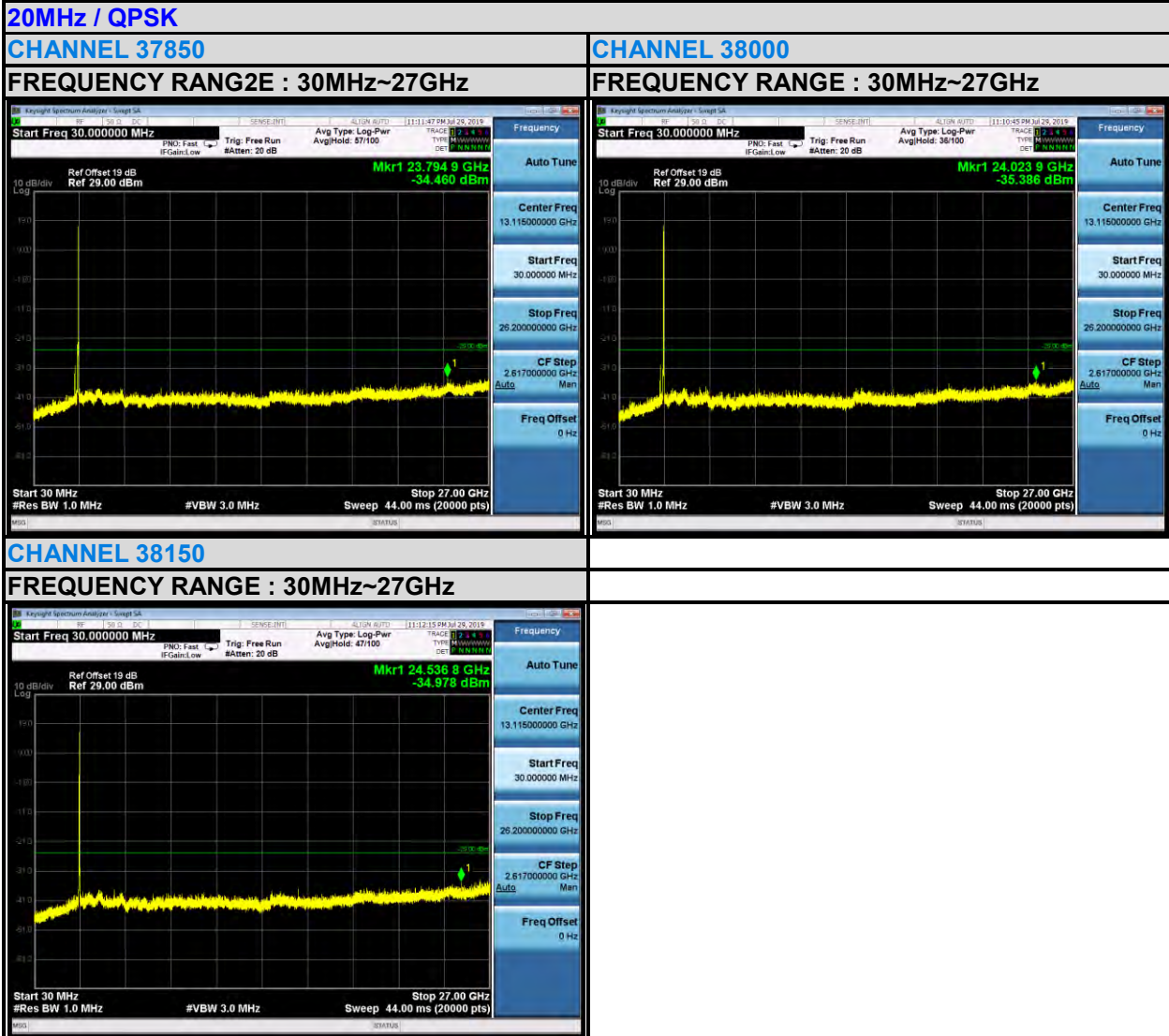
LTE BAND 38













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Test Report No.: RF190712W002-6

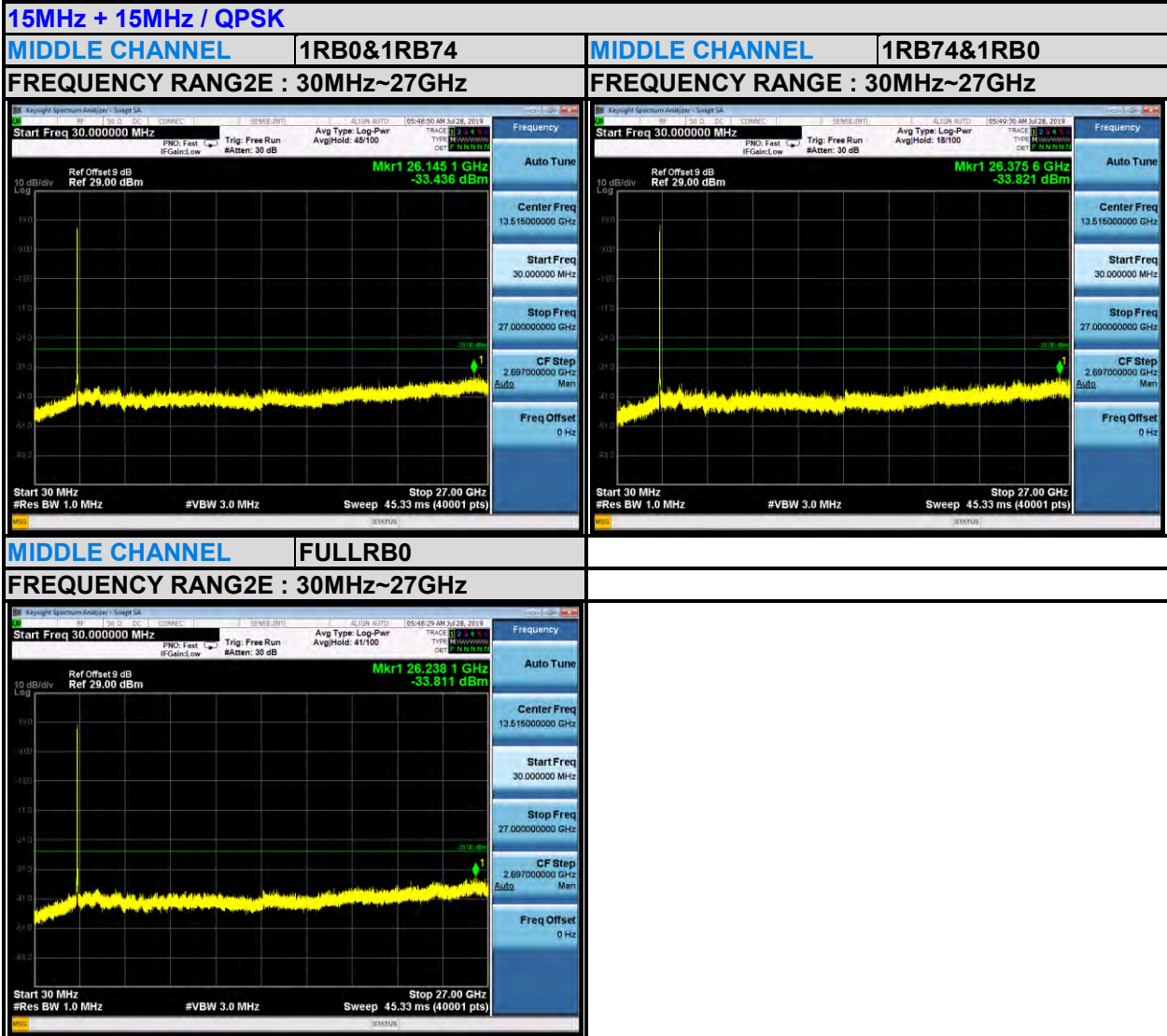
LTE BAND CA\_38C

15MHz + 15MHz / QPSK

<b>LOWEST CHANNEL</b>	<b>1RB0&amp;1RB74</b>	<b>LOWEST CHANNEL</b>	<b>1RB74&amp;1RB0</b>
<b>FREQUENCY RANG2E : 30MHz~27GHz</b>		<b>FREQUENCY RANGE : 30MHz~27GHz</b>	
<b>LOWEST CHANNEL</b>		<b>FULLRB0</b>	
<b>FREQUENCY RANG2E : 30MHz~27GHz</b>			



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