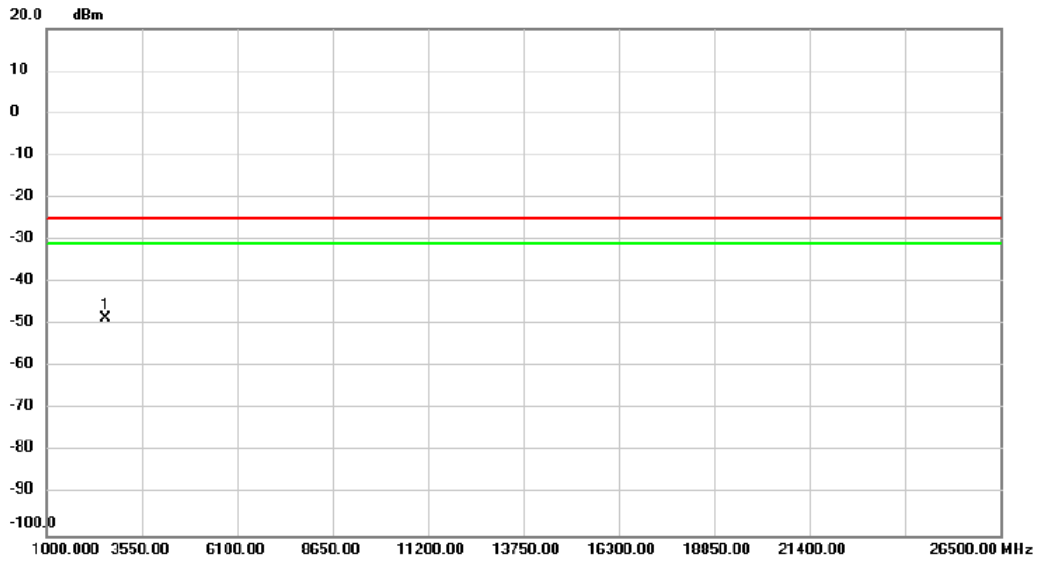


Test Mode | LTE Band 38\_TX CH38000\_5M\_Second Antenna

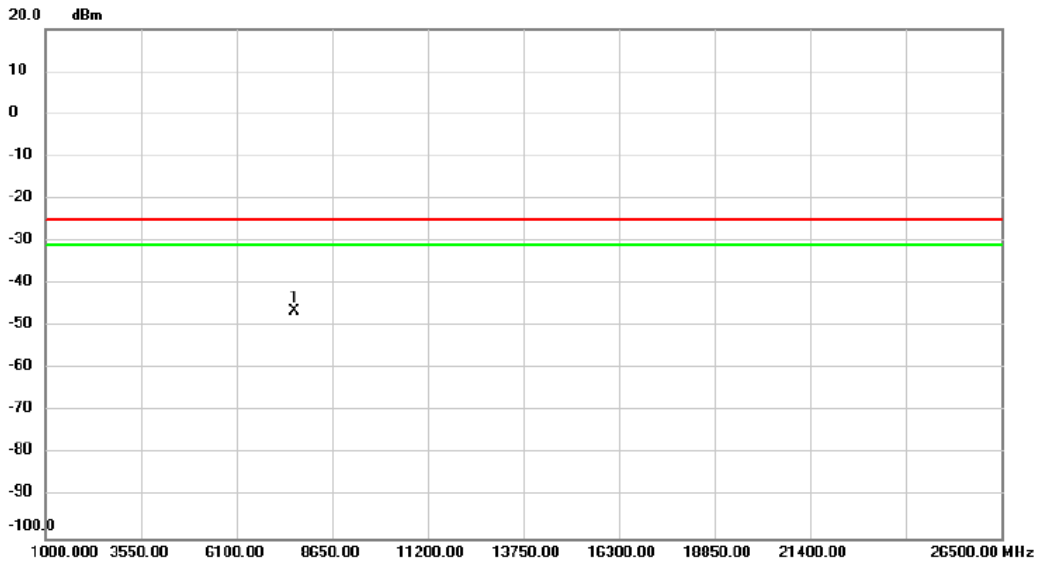
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2581.000	-45.73	-2.80	-48.53	-25.00	-23.53	peak	

Test Mode | LTE Band 38\_TX CH38000\_20M\_Second Antenna

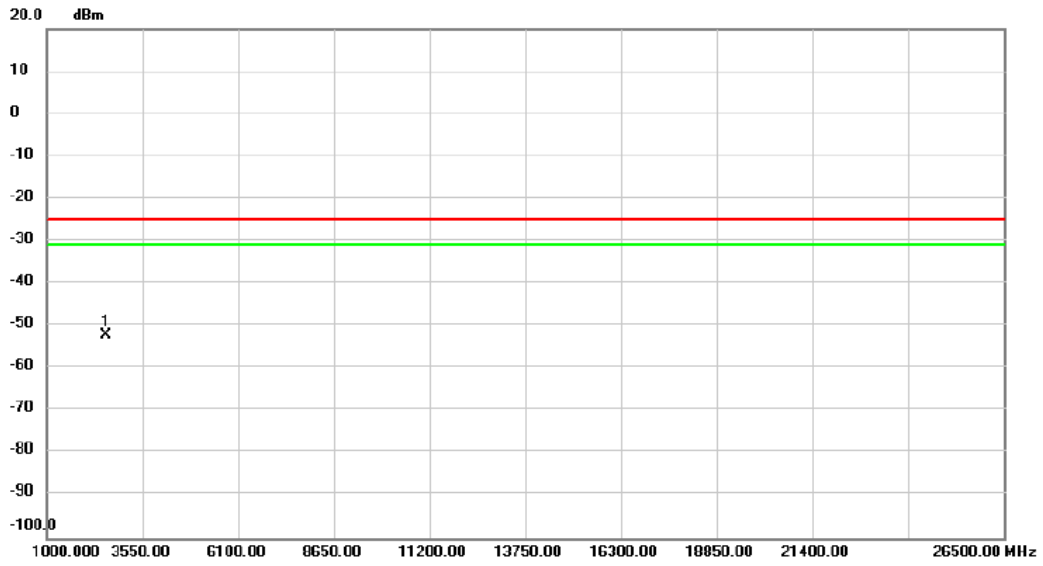
### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7630.000	-56.12	9.54	-46.58	-25.00	-21.58	peak	

Test Mode | LTE Band 38\_TX CH38000\_20M\_Second Antenna

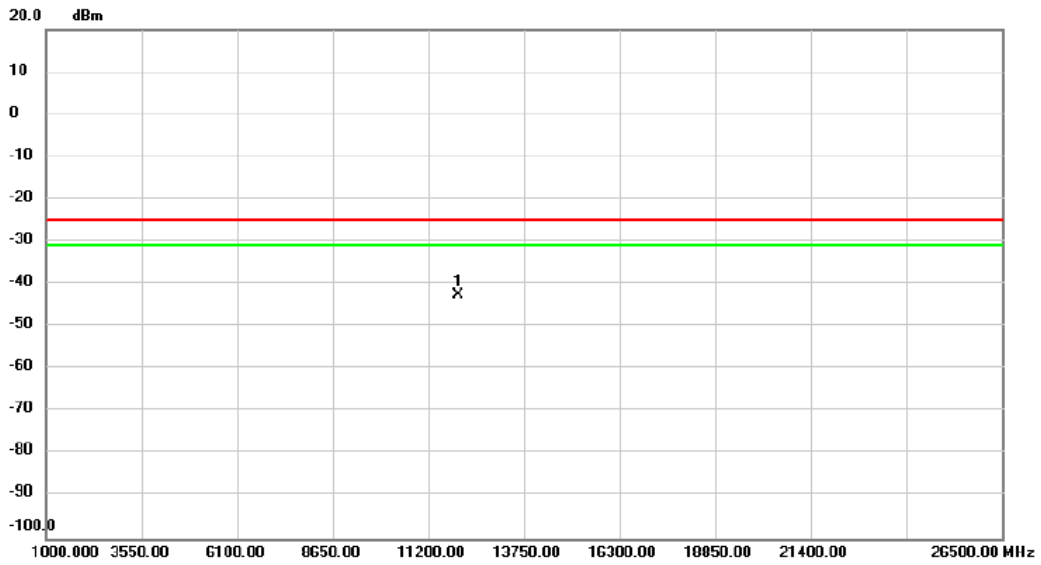
### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2581.000	-49.44	-2.80	-52.24	-25.00	-27.24	peak	

Test Mode | LTE Band 41\_TX CH40640\_5M\_Second Antenna

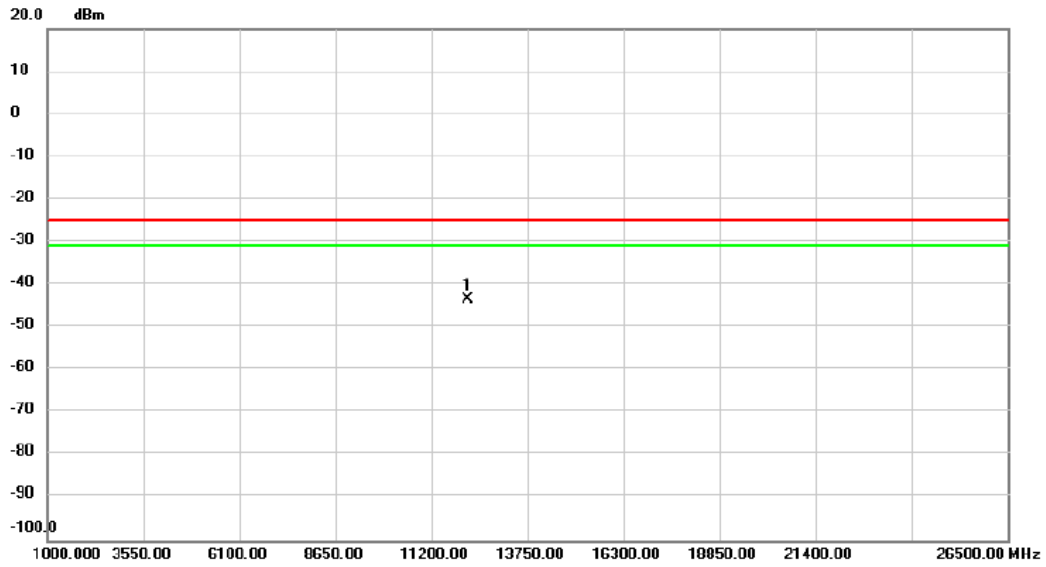
### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	11990.50	-55.62	13.19	-42.43	-25.00	-17.43	peak	

Test Mode | LTE Band 41\_TX CH40640\_5M\_Second Antenna

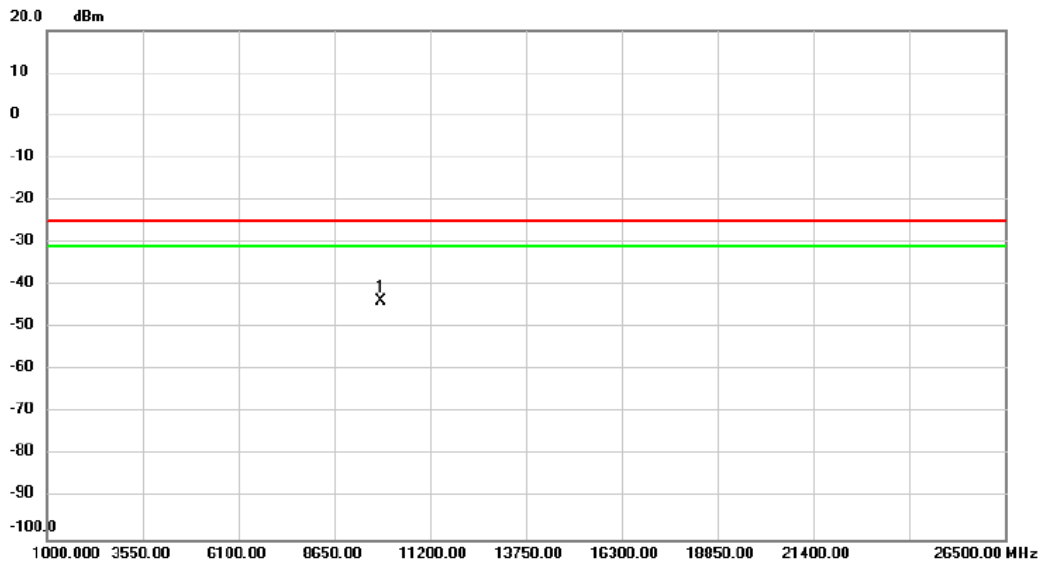
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	12169.00	-56.75	13.42	-43.33	-25.00	-18.33	peak	

Test Mode | LTE Band 41\_TX CH40640\_20M\_Second Antenna

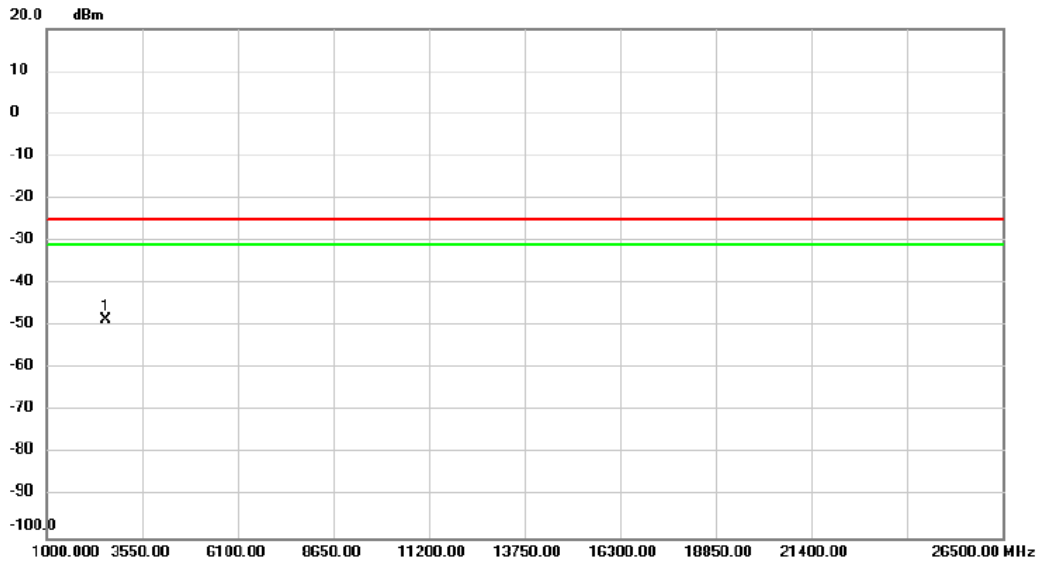
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9874.000	-54.76	10.95	-43.81	-25.00	-18.81	peak	

Test Mode | LTE Band 41\_TX CH40640\_20M\_Second Antenna

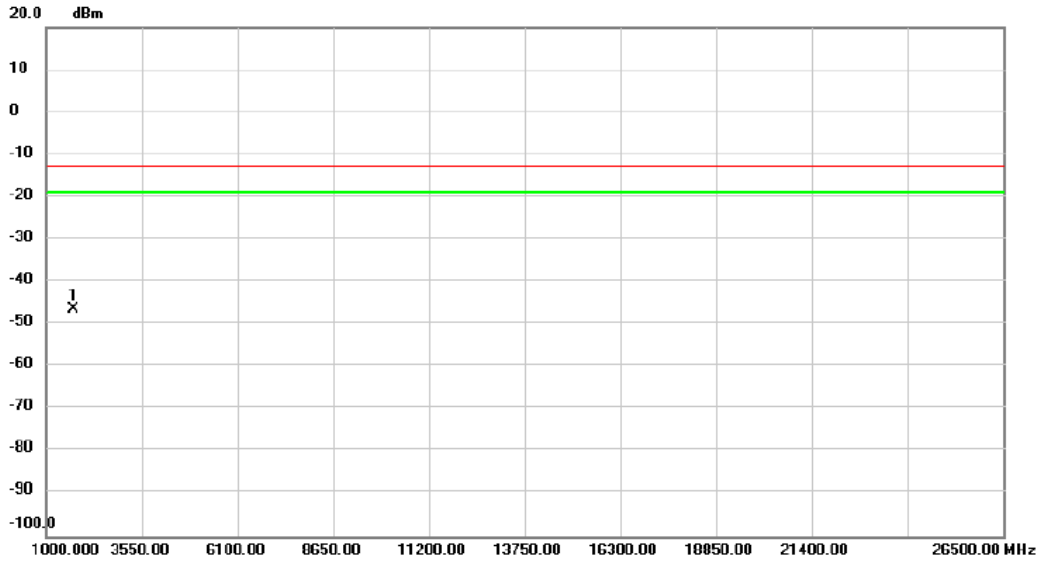
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2581.000	-45.81	-2.80	-48.61	-25.00	-23.61	peak	

Test Mode | LTE Band 66\_TX CH132322\_5M\_ Second Antenna

### Vertical

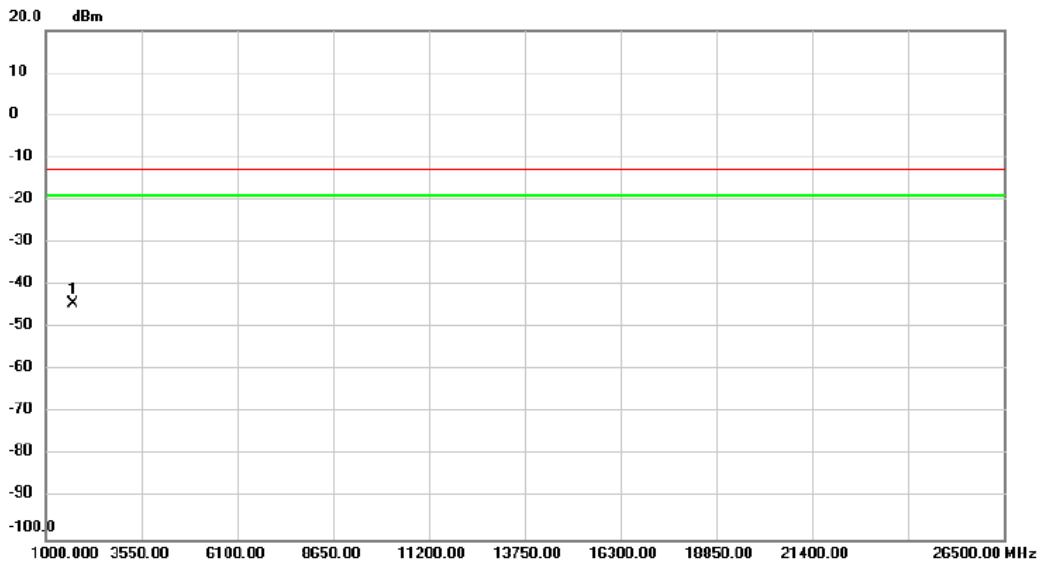


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1739.500	-42.11	-4.33	-46.44	-13.00	-33.44	peak	



Test Mode | LTE Band 66\_TX CH132322\_5M\_ Second Antenna

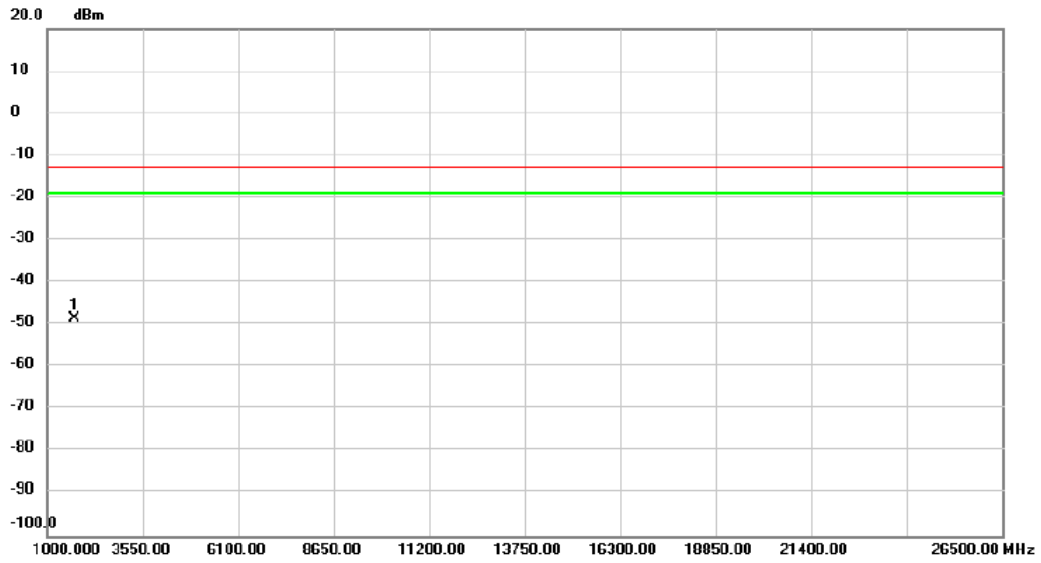
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1739.500	-40.08	-4.33	-44.41	-13.00	-31.41	peak	

Test Mode | LTE Band 66\_TX CH132322\_20M\_ Second Antenna

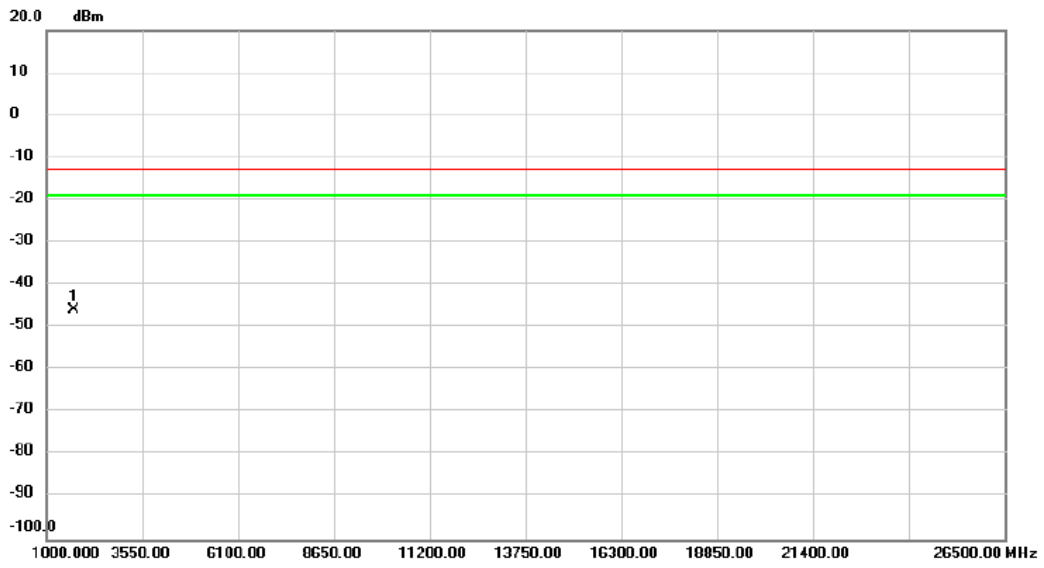
### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1739.500	-44.27	-4.33	-48.60	-13.00	-35.60	peak	

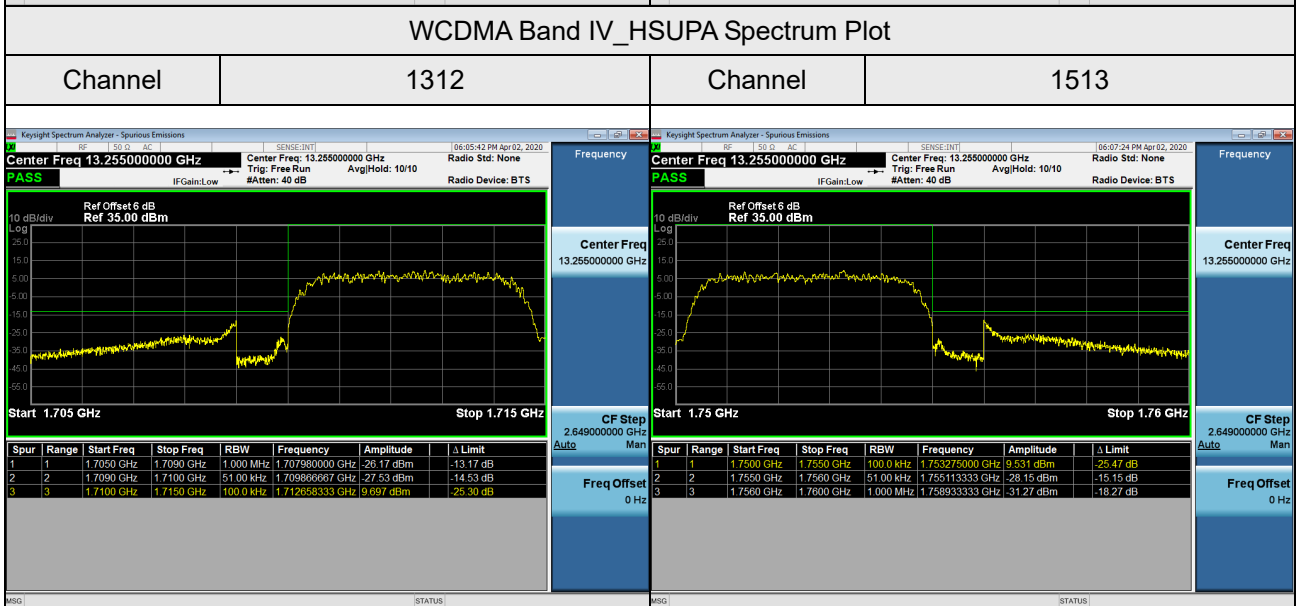
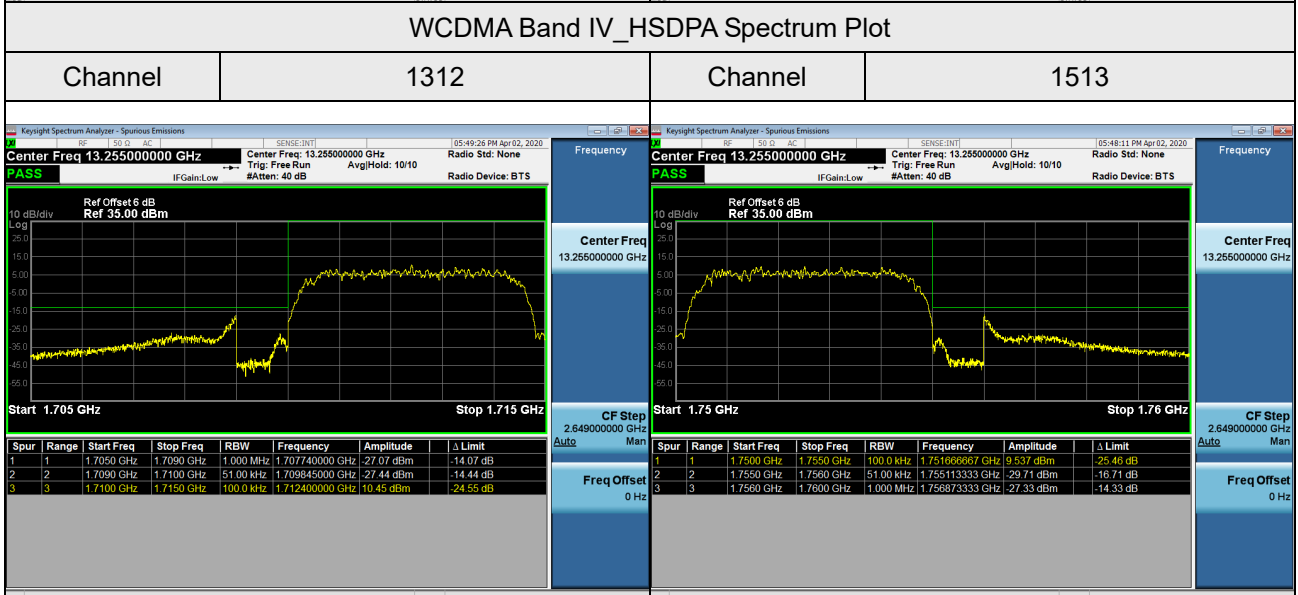
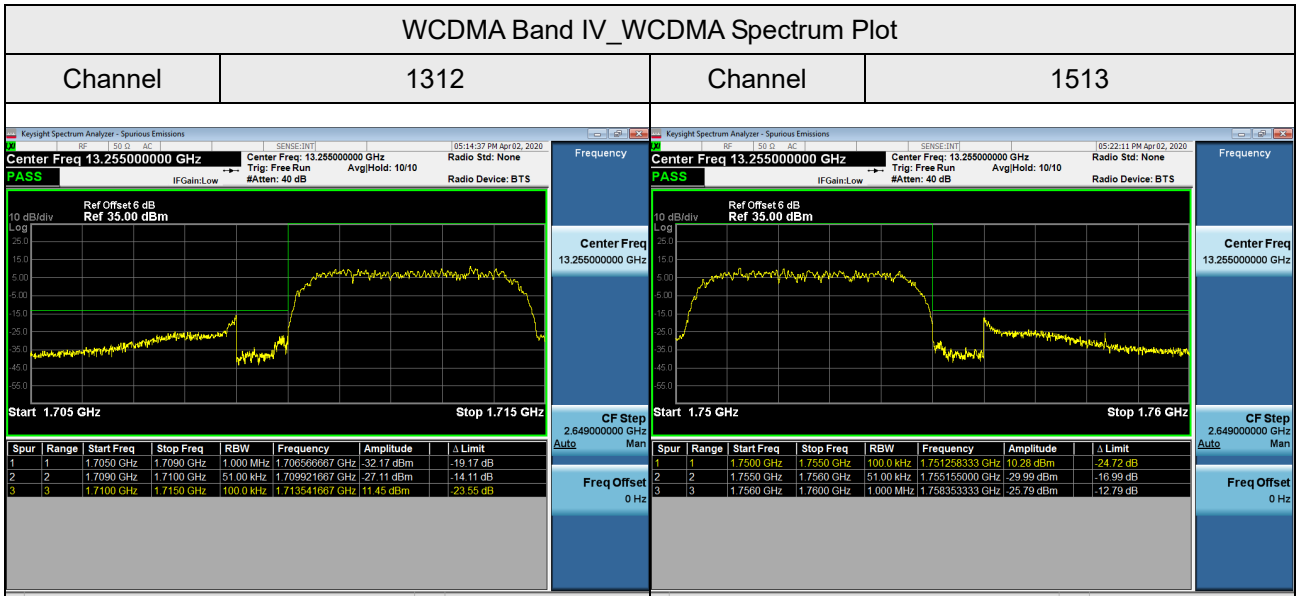
Test Mode | LTE Band 66\_TX CH132322\_20M\_ Second Antenna

### Horizontal

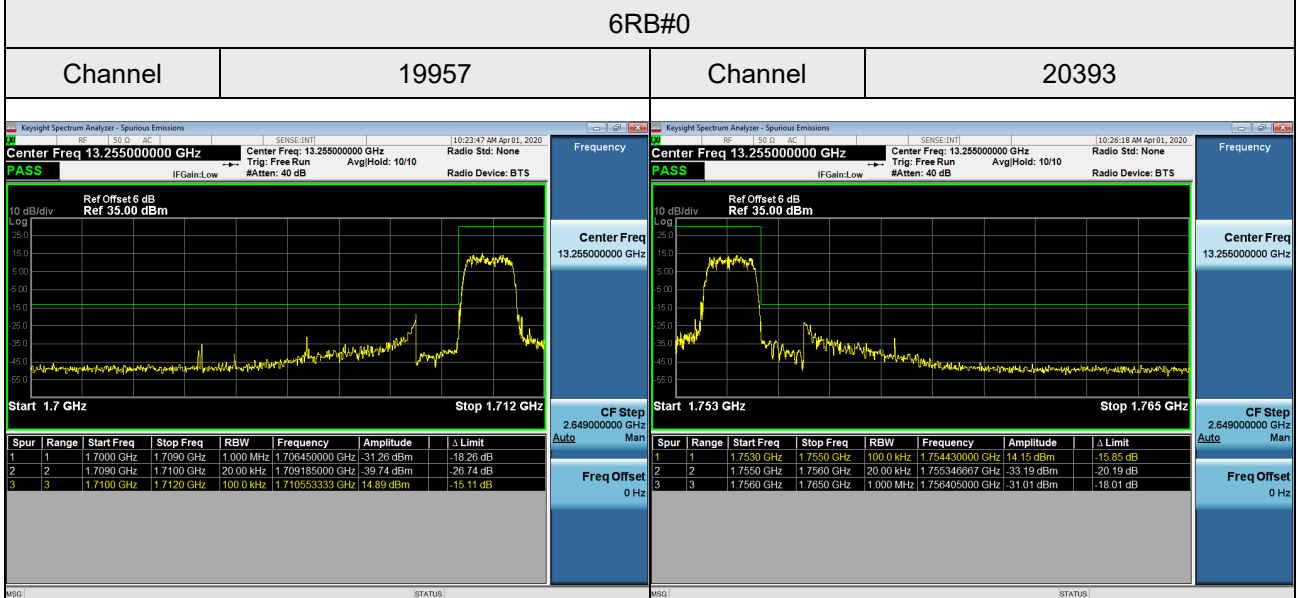
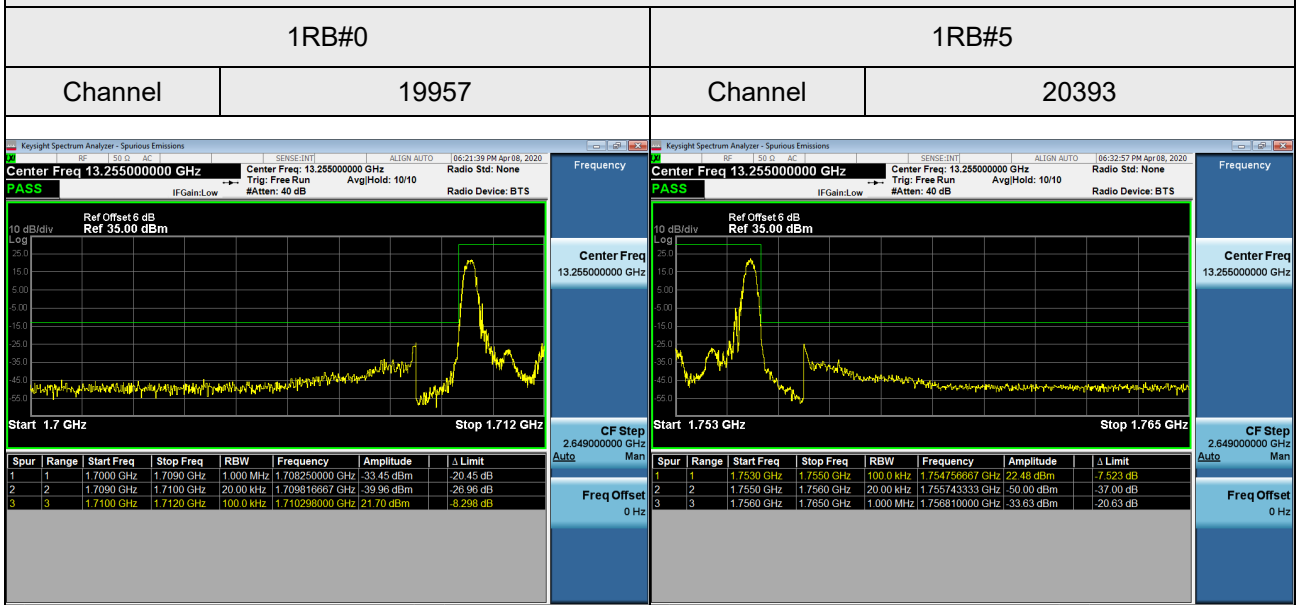


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1739.500	-41.39	-4.33	-45.72	-13.00	-32.72	peak	

**APPENDIX G - BAND EDGE**

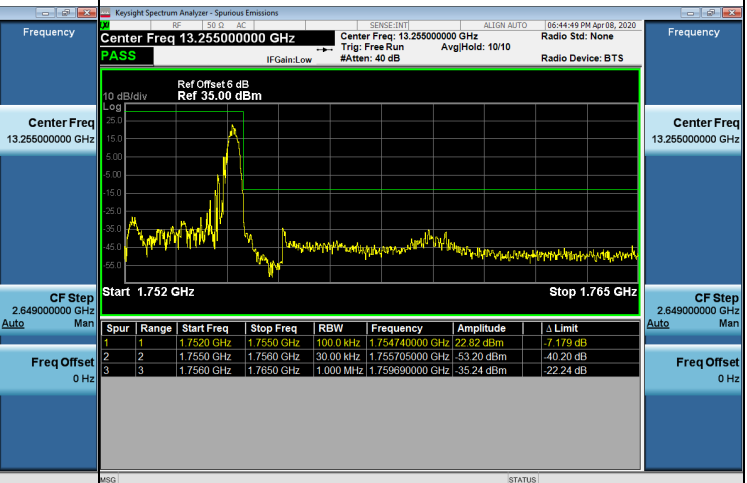
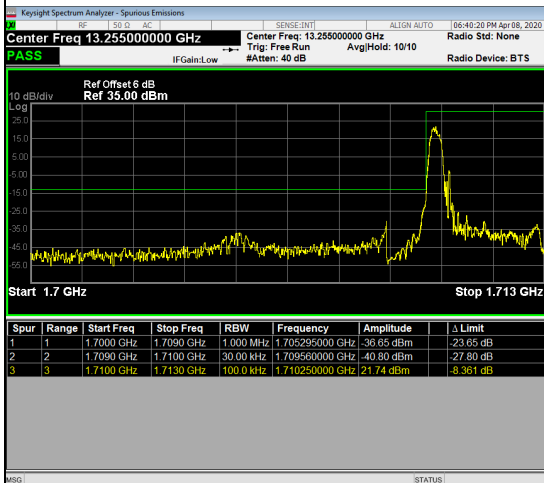


## LTE Band 4\_1.4M Spectrum Plot



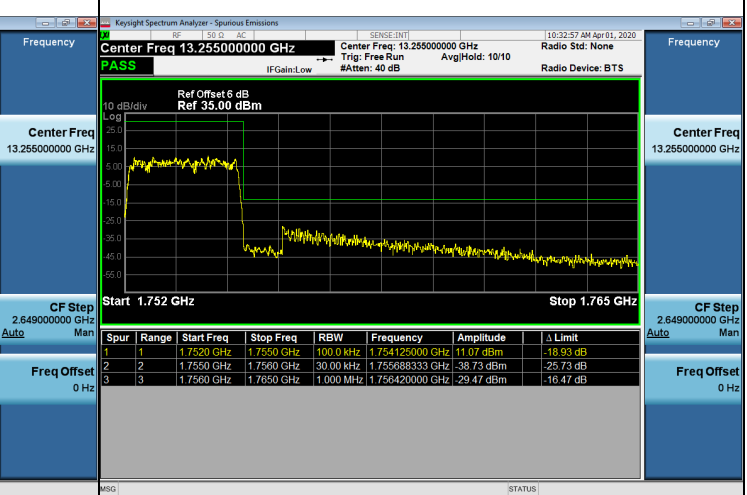
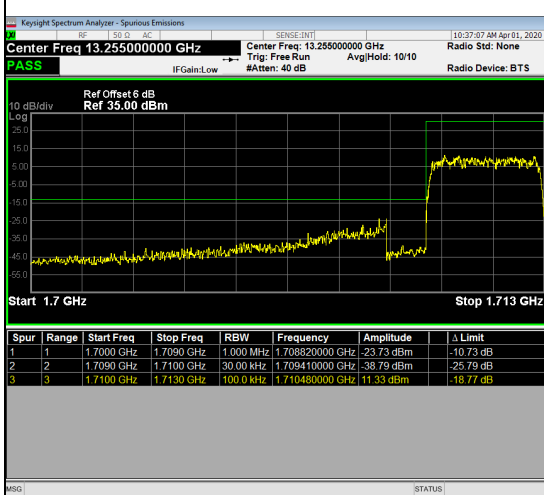
## LTE Band 4\_3M Spectrum Plot

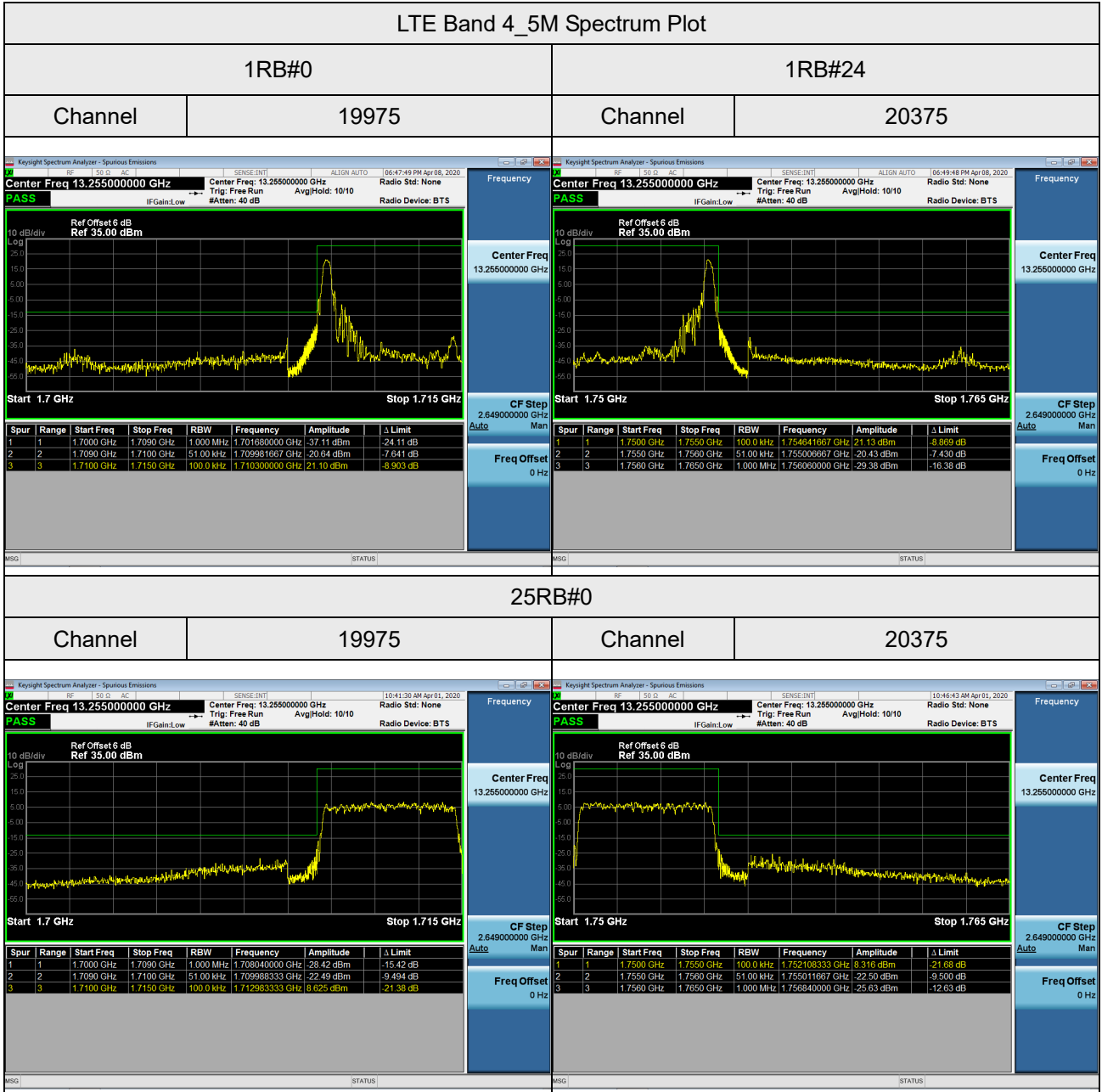
1RB#0		1RB#14	
Channel	19965	Channel	20385



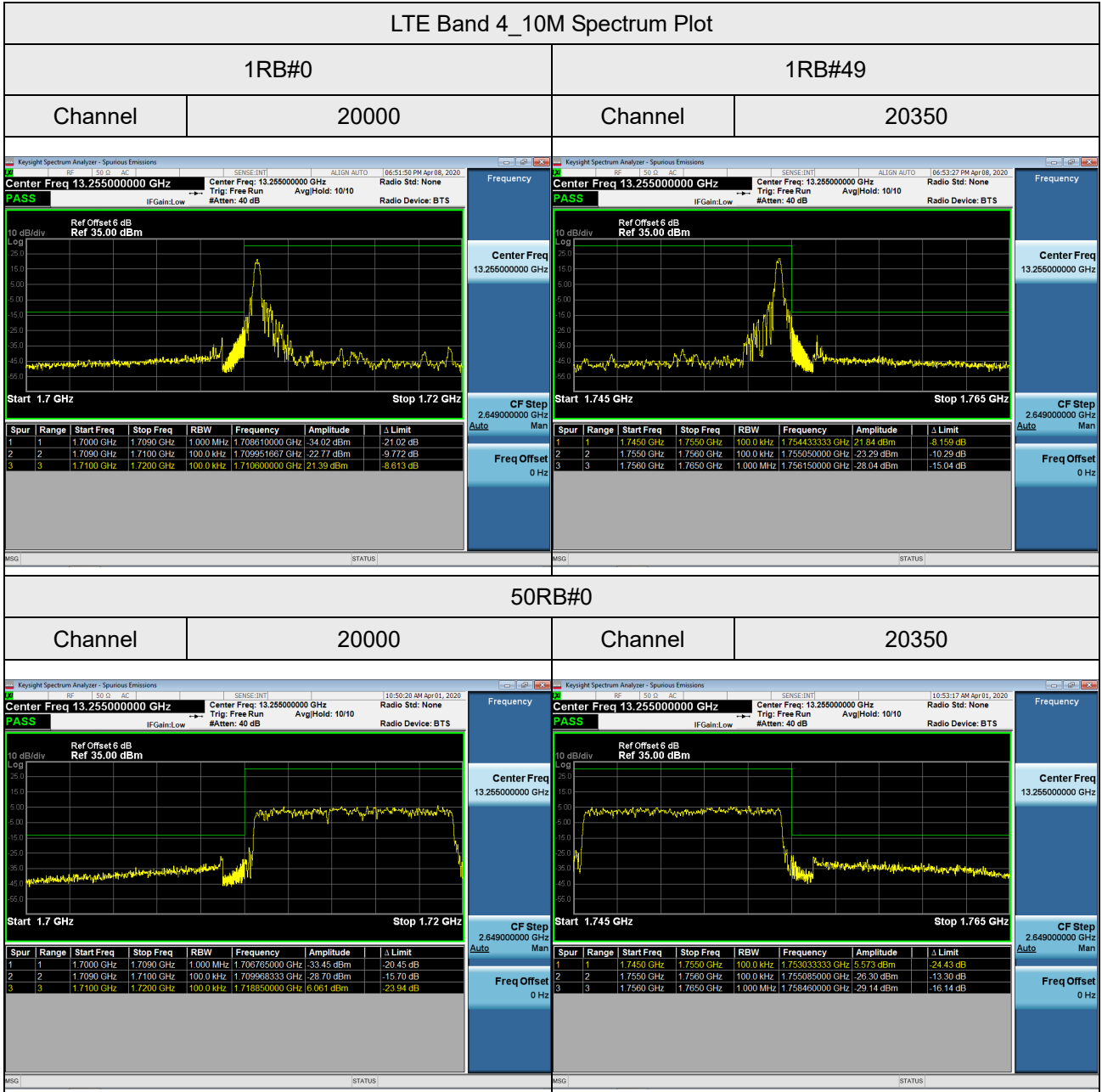
## 15RB#0

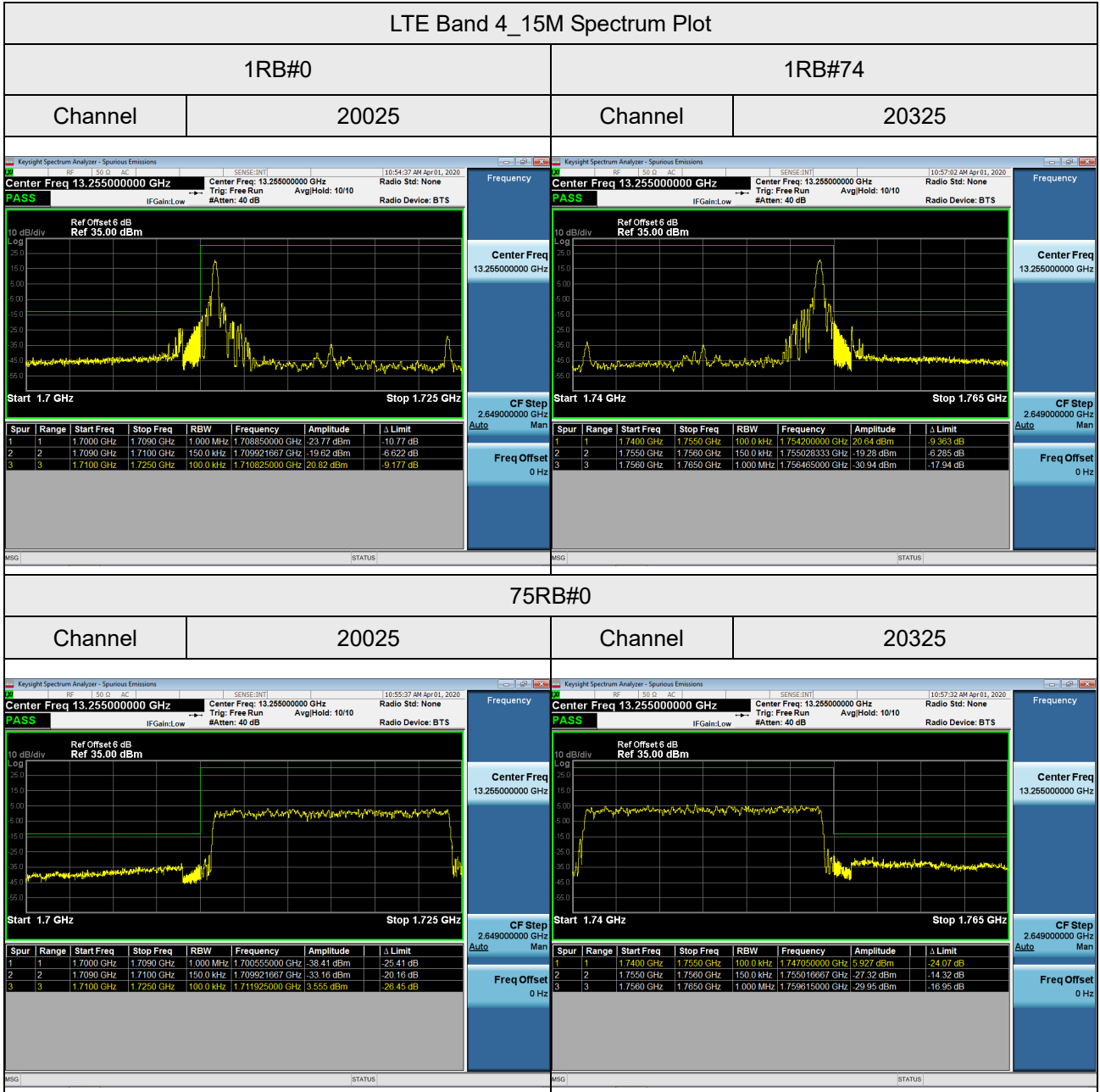
Channel	19965	Channel	20385
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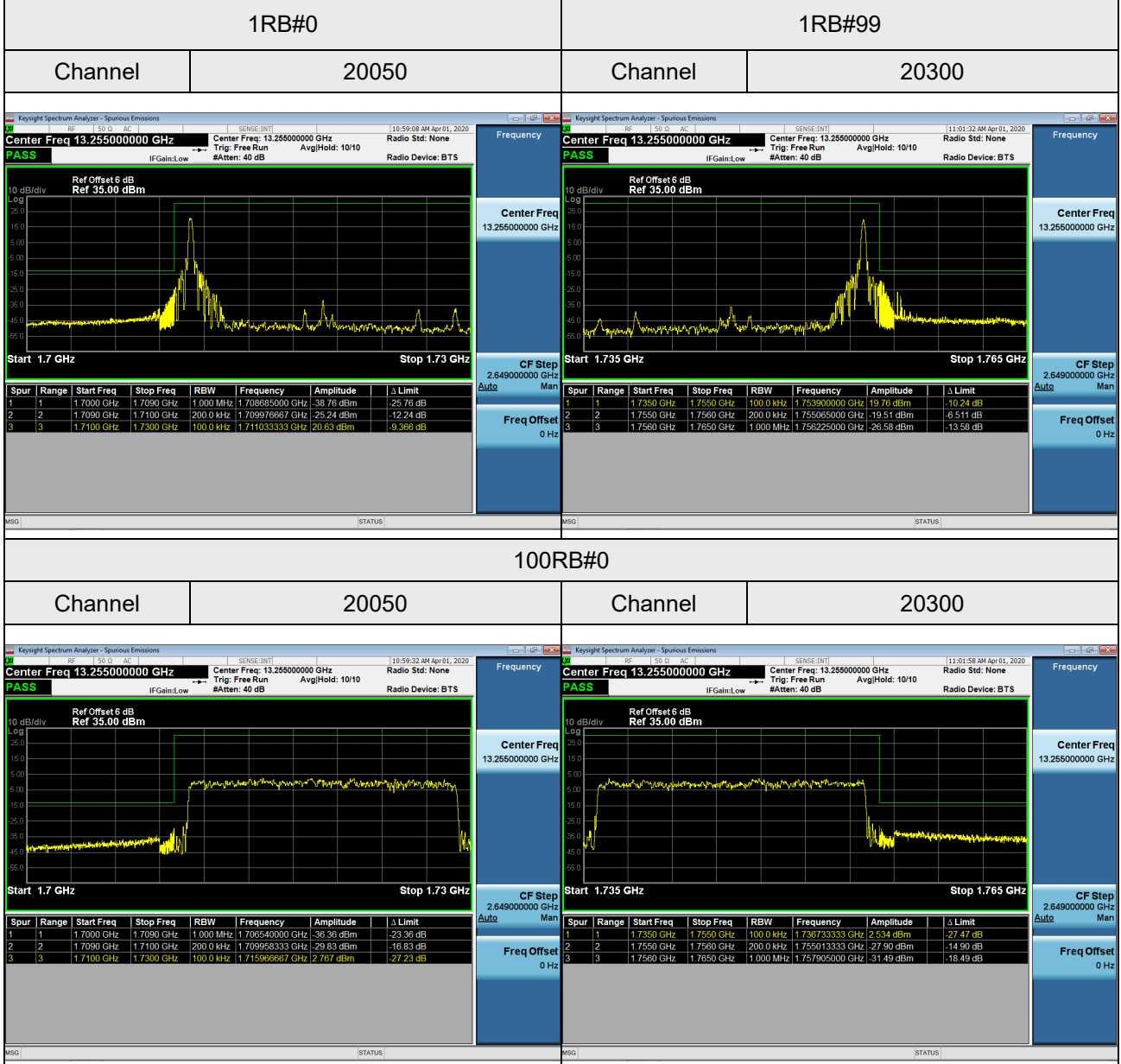


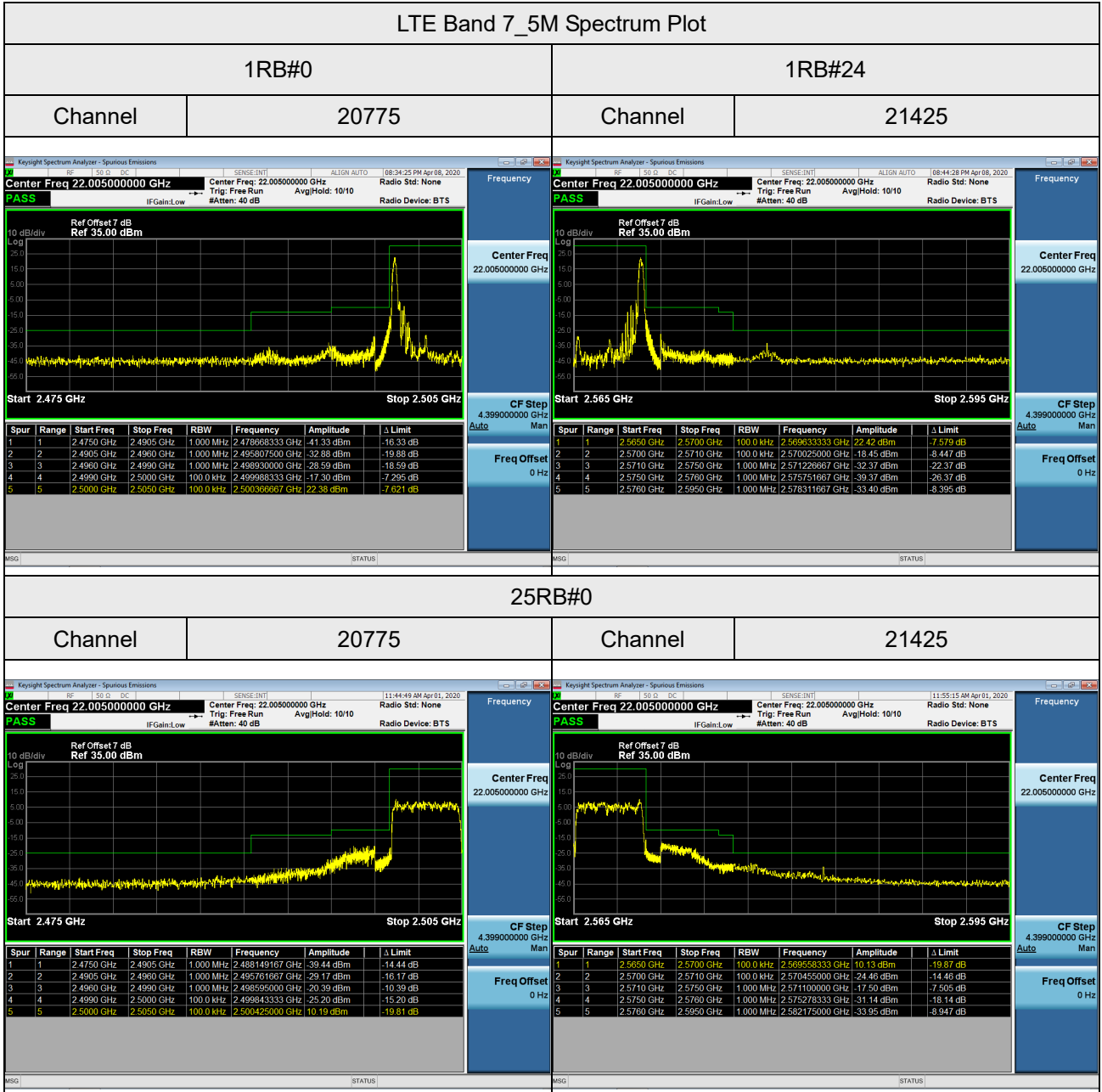






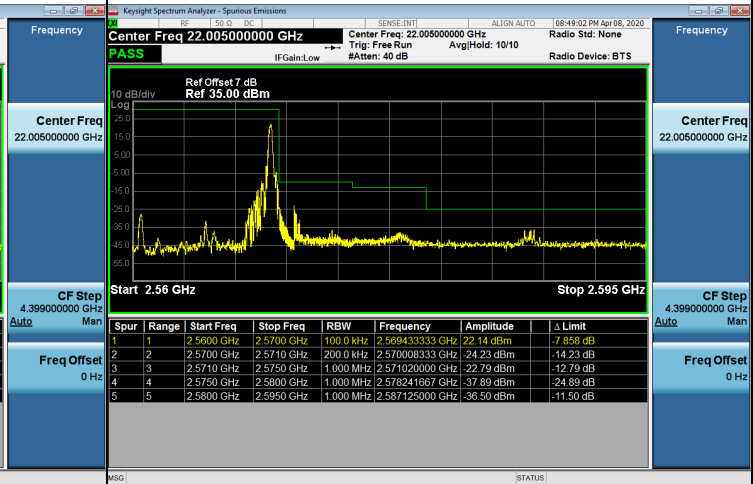
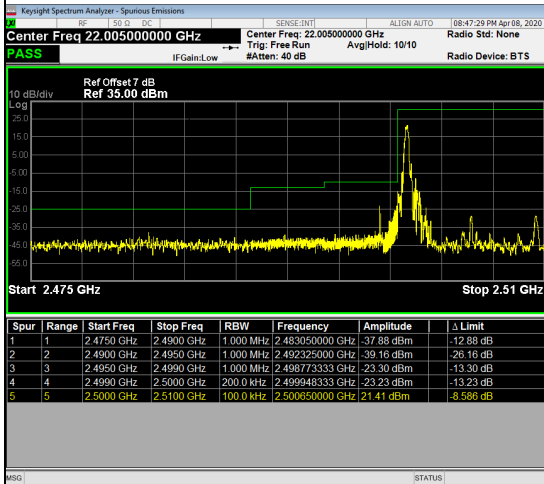
## LTE Band 4\_20M Spectrum Plot





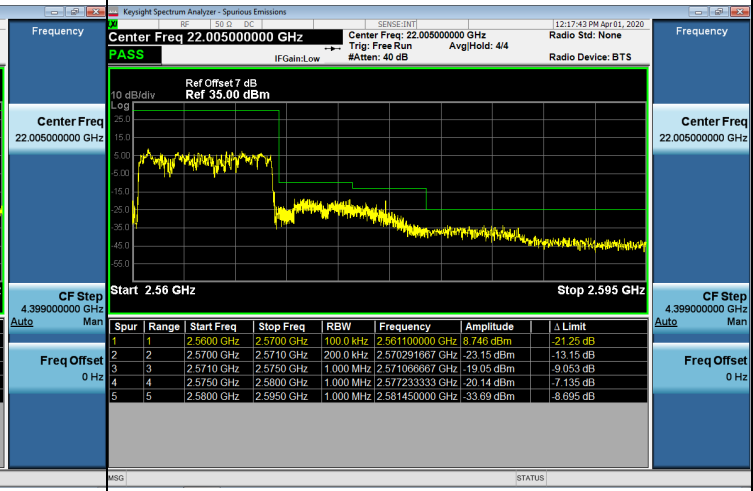
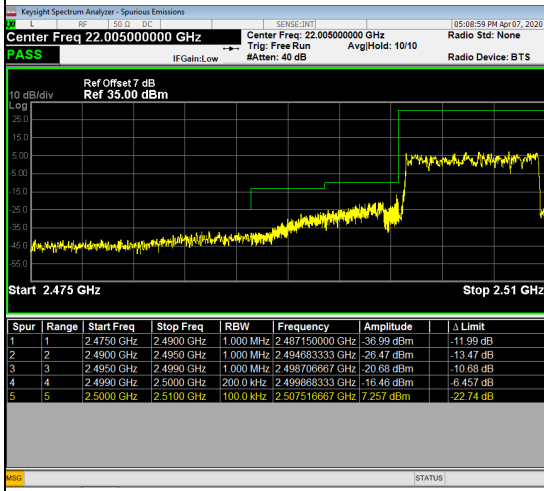
## LTE Band 7\_10M Spectrum Plot

1RB#0		1RB#49	
Channel	20800	Channel	21400



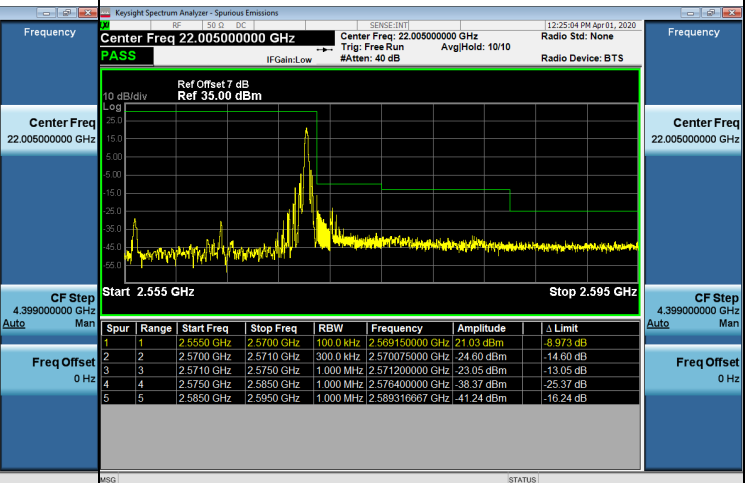
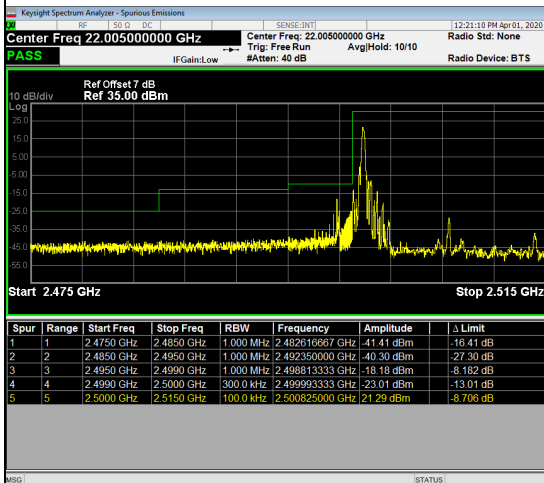
## 50RB#0

Channel	20800	Channel	21400
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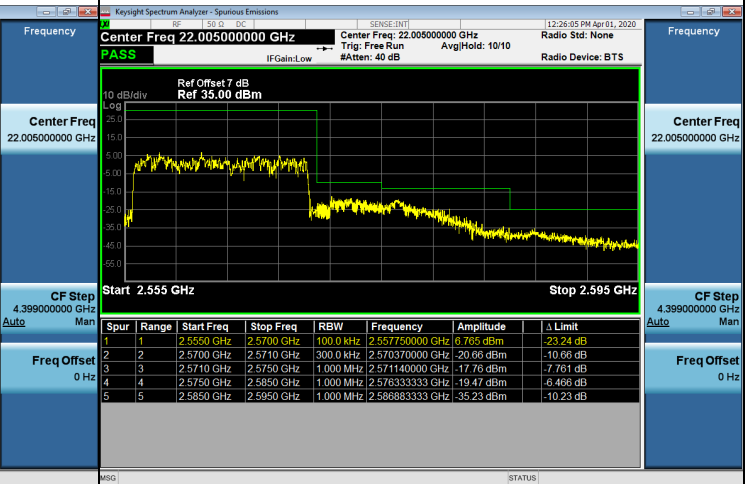
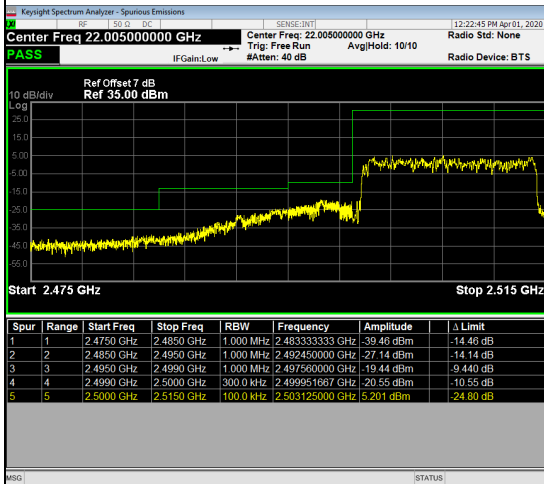
## LTE Band 7\_15M Spectrum Plot

1RB#0		1RB#74	
Channel	20825	Channel	21375



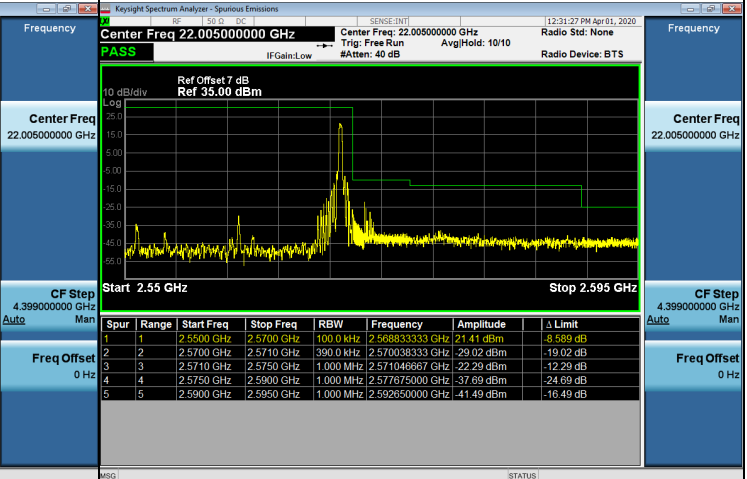
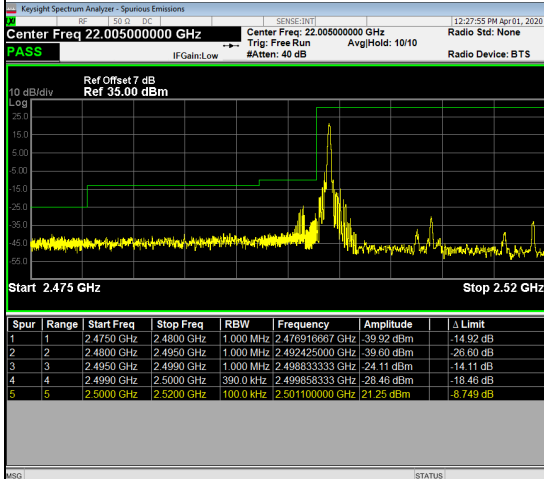
## 75RB#0

Channel		20825	Channel		21375
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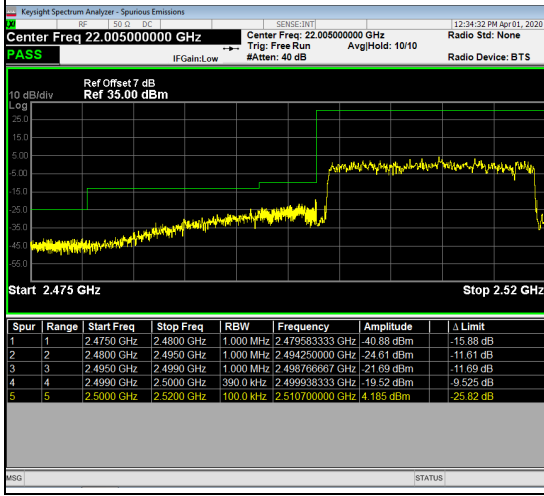
## LTE Band 7\_20M Spectrum Plot

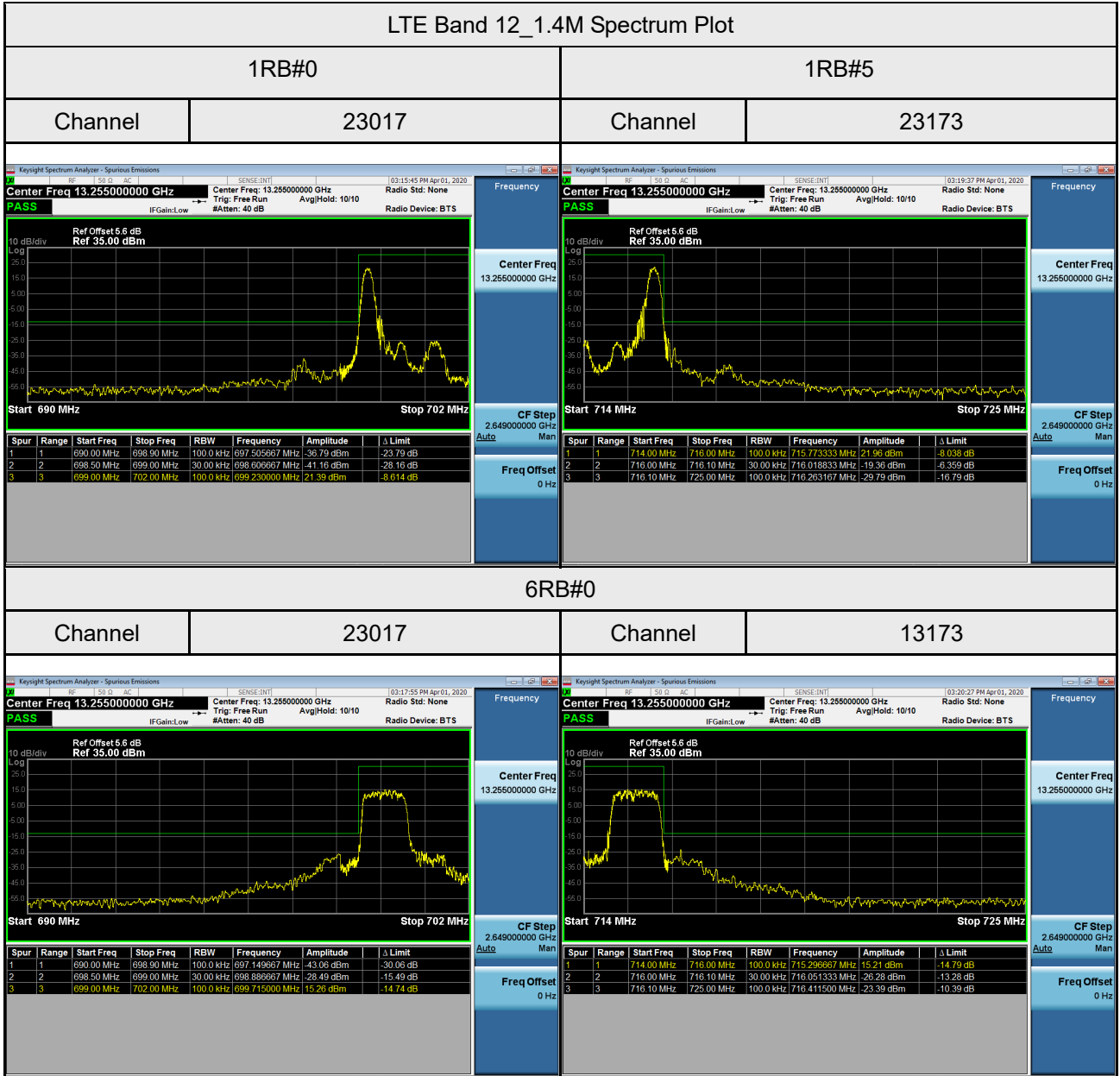
1RB#0		1RB#99	
Channel	20850	Channel	21350



## 100RB#0

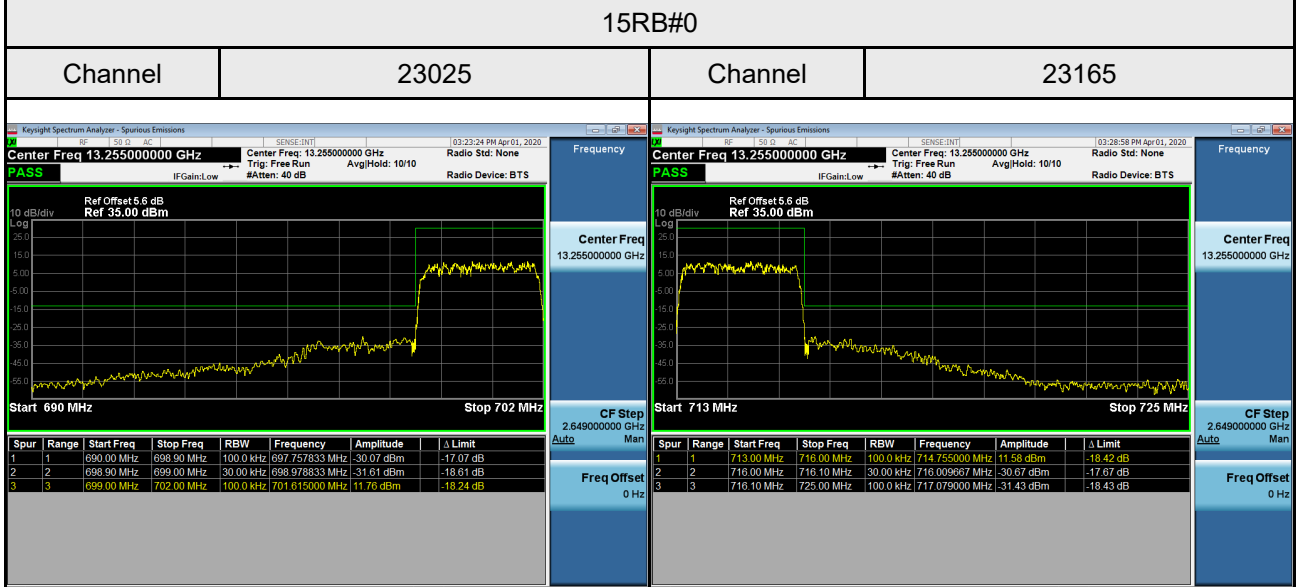
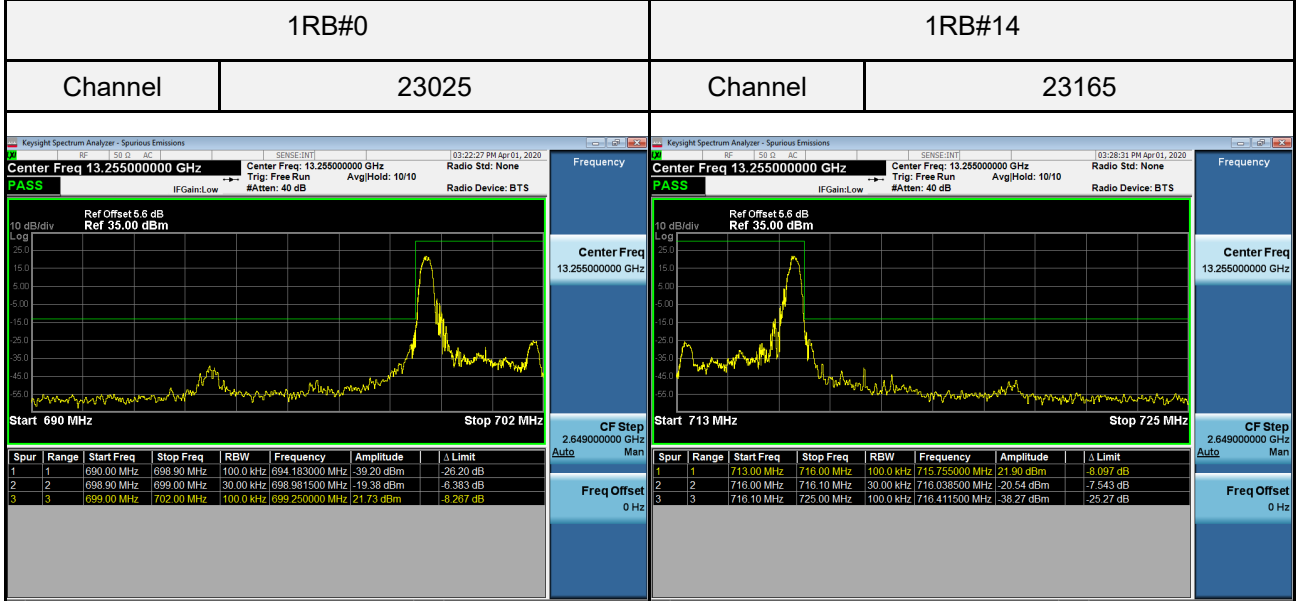
Channel	20850	Channel	21350
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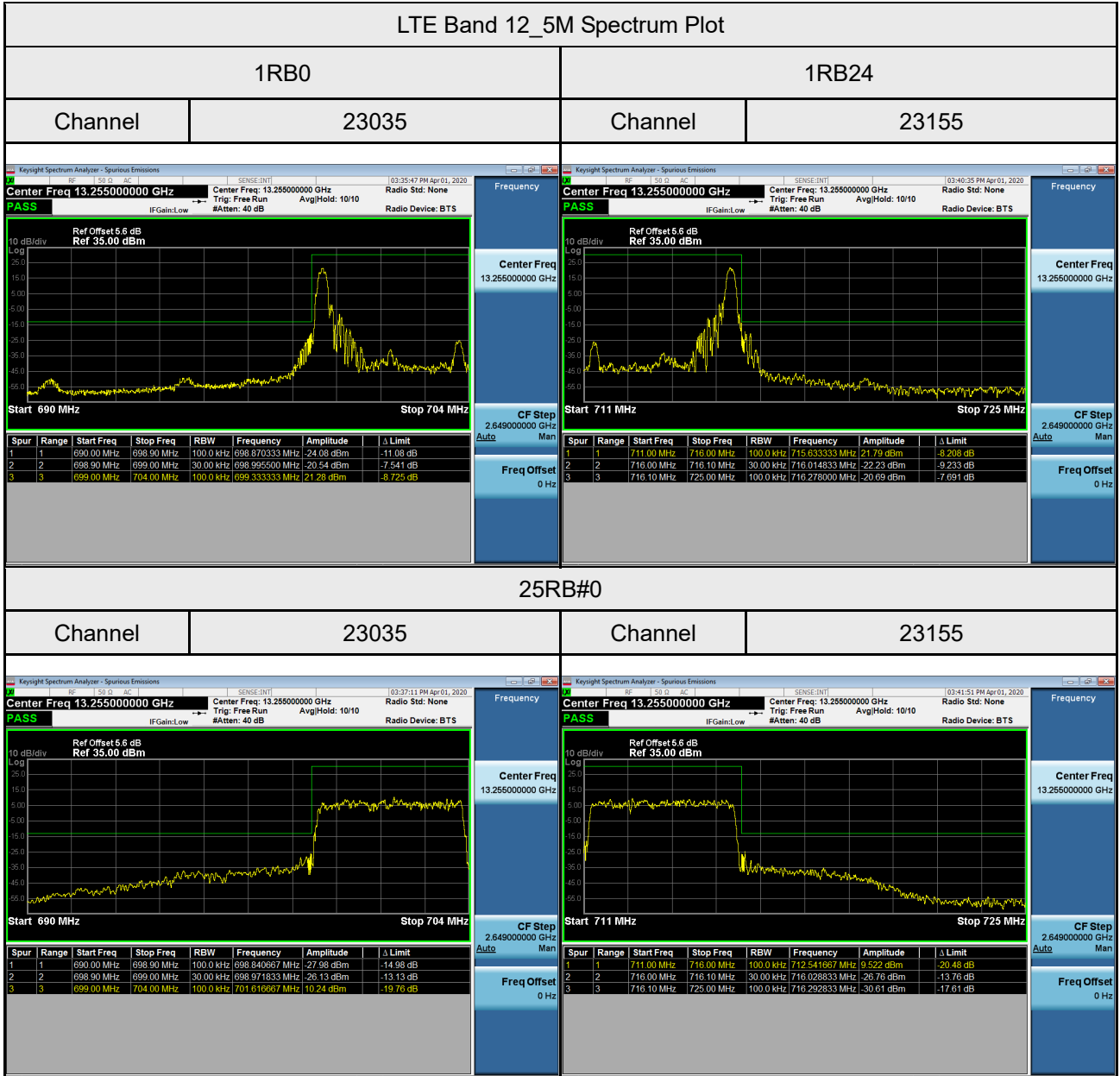


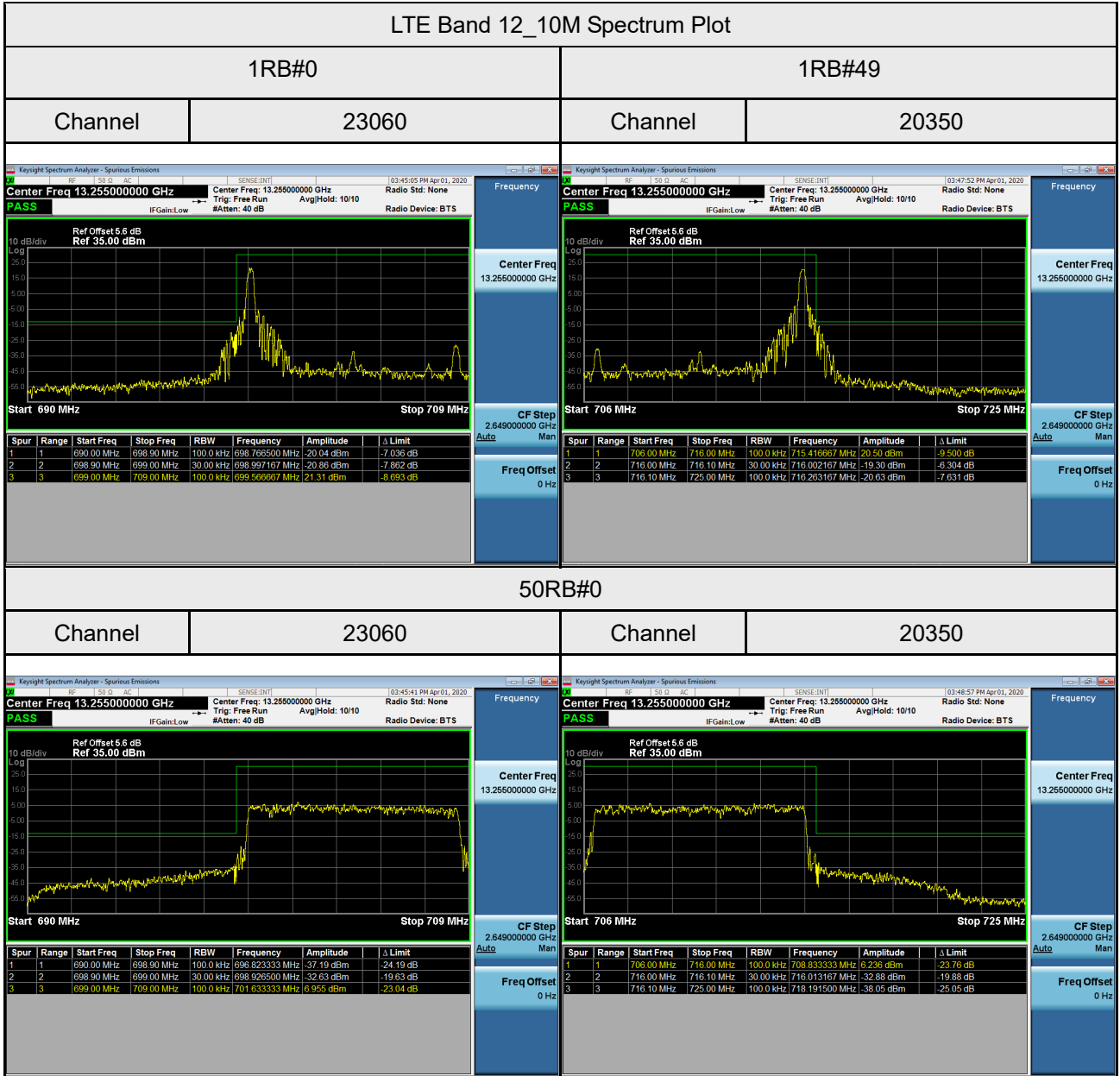




## LTE Band 12\_3M Spectrum Plot

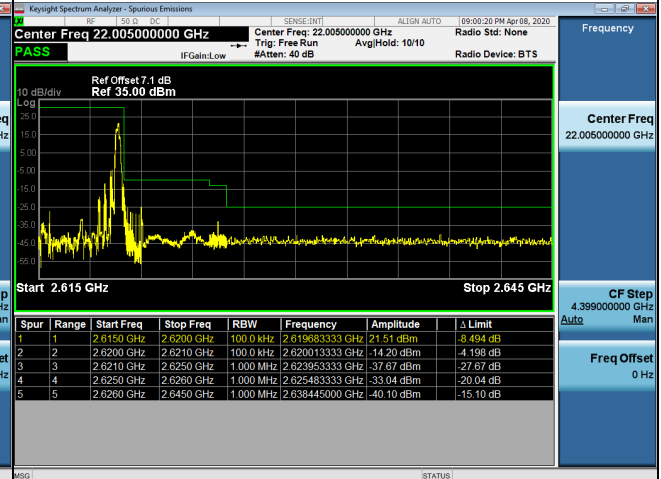
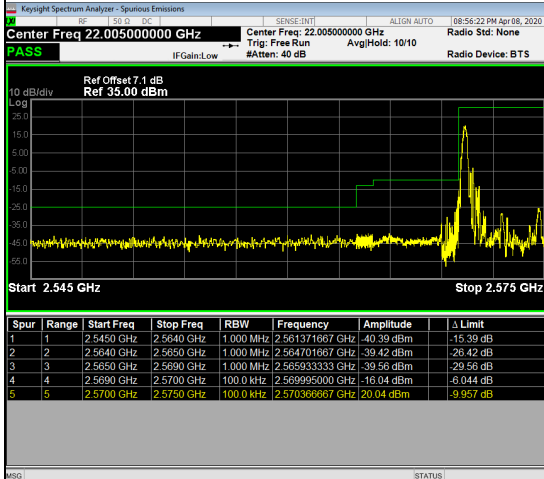






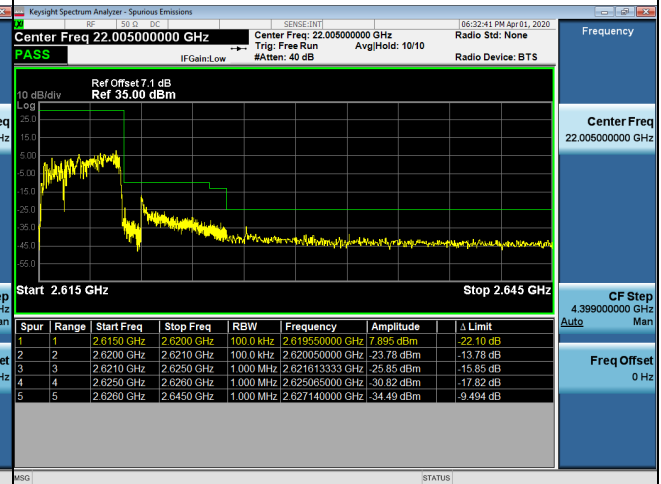
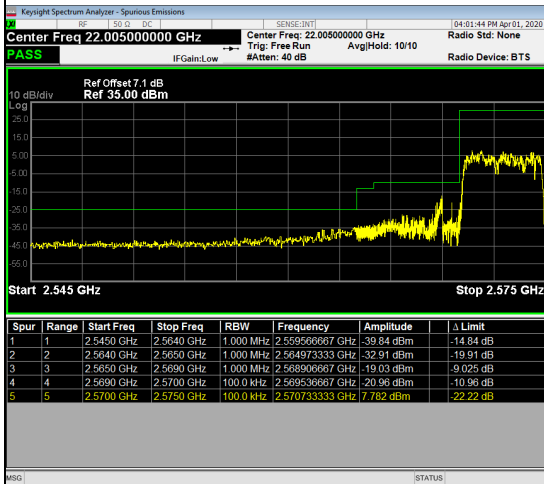
## LTE Band 38\_5M Spectrum Plot

1RB#0		1RB#24	
Channel	37775	Channel	38225



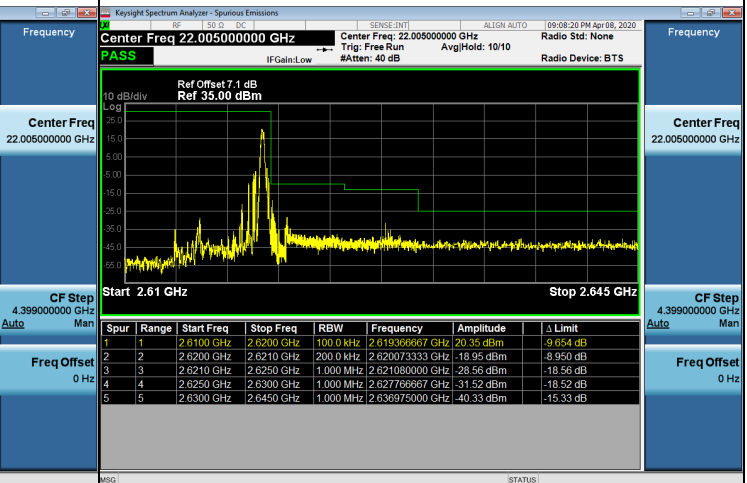
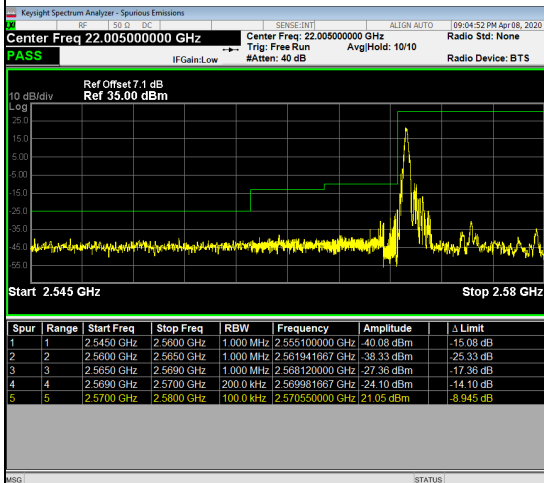
## 25RB#0

Channel	37775	Channel	38225
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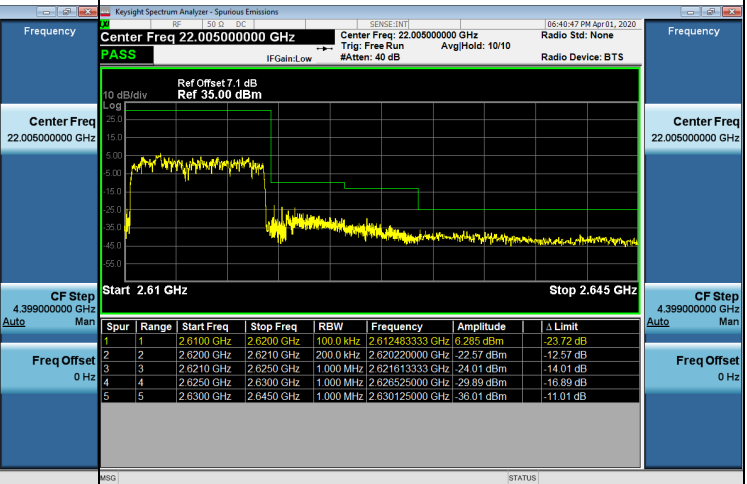
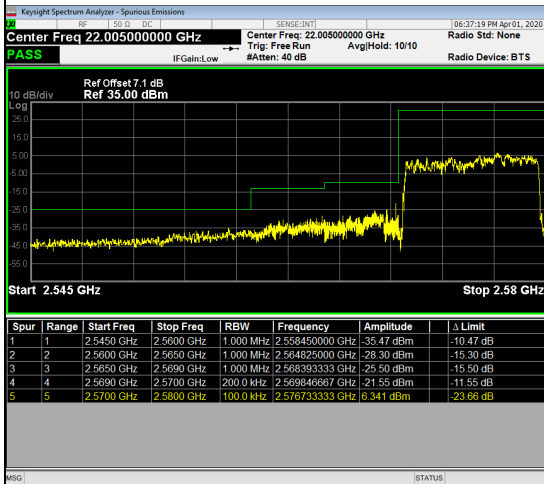
## LTE Band 38\_10M Spectrum Plot

1RB#0	1RB#49
Channel 37800	Channel 38200



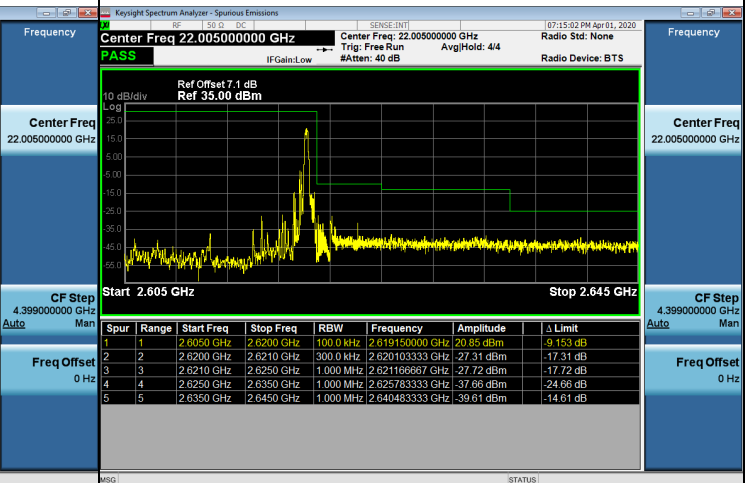
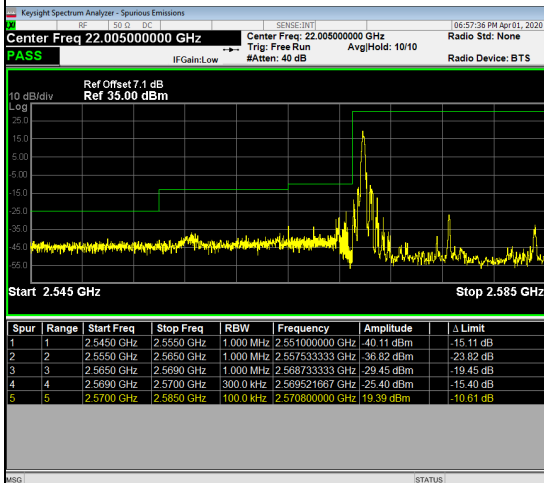
## 50RB#0

Channel 37800	Channel 38200
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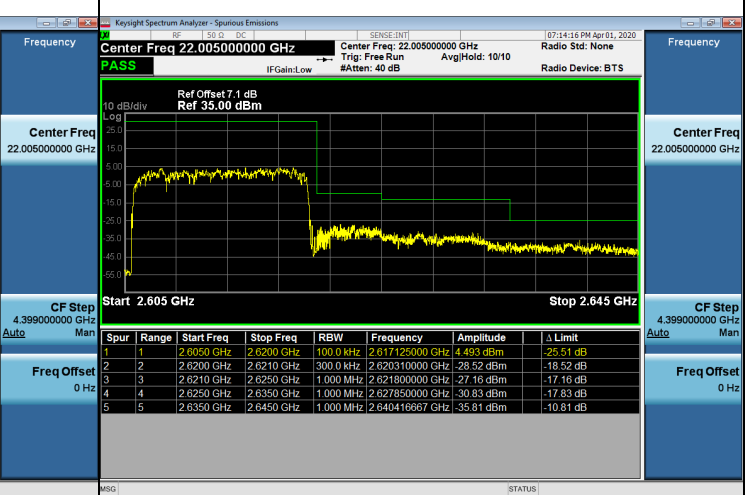
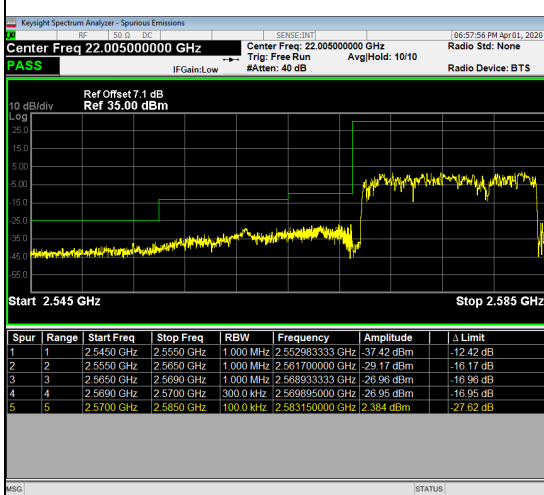
## LTE Band 38\_15M Spectrum Plot

1RB#0	1RB#74
Channel 37825	Channel 38175



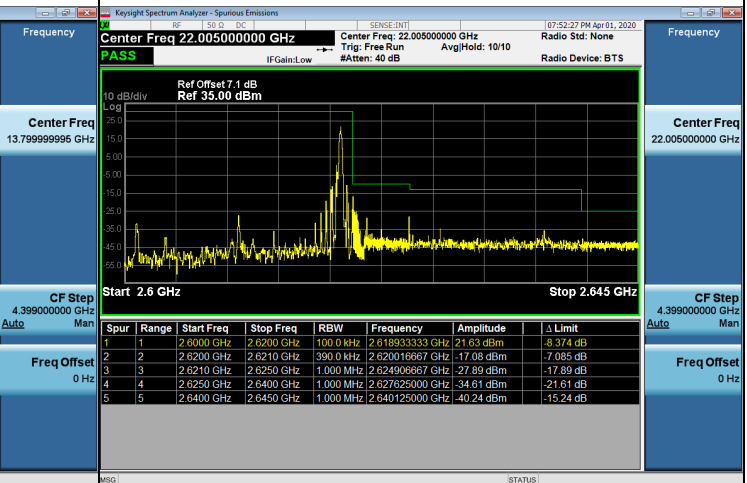
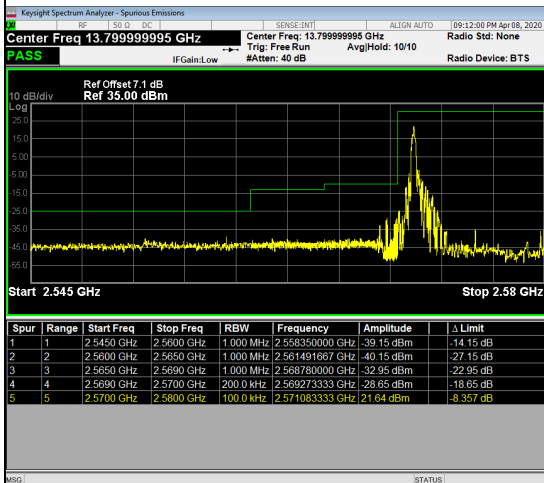
## 75RB#0

Channel 37825	Channel 38175
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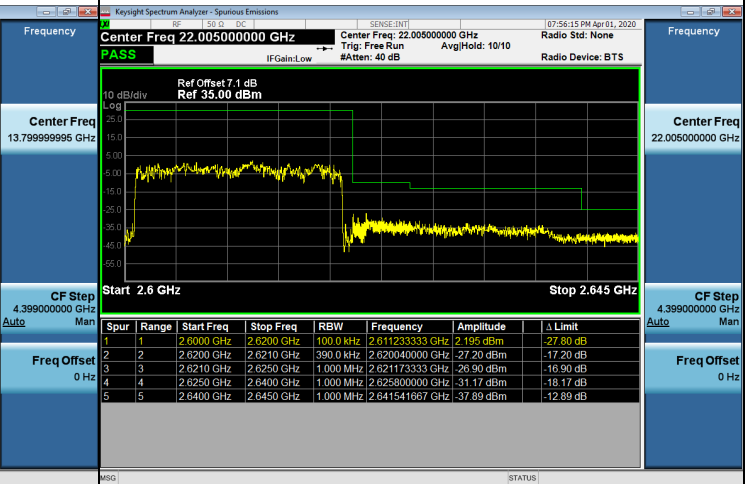
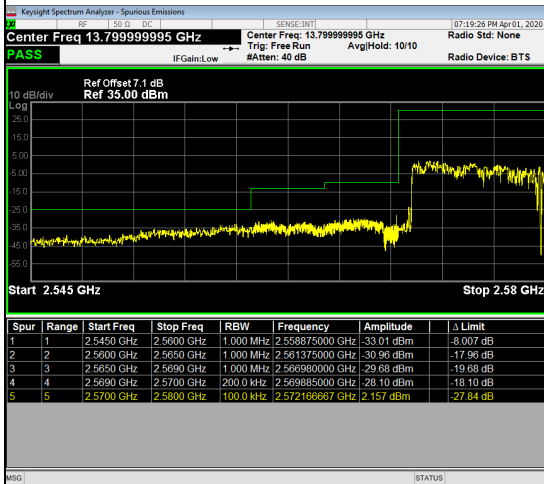
## LTE Band 38\_20M Spectrum Plot

1RB#0		1RB#99	
Channel	37850	Channel	38150



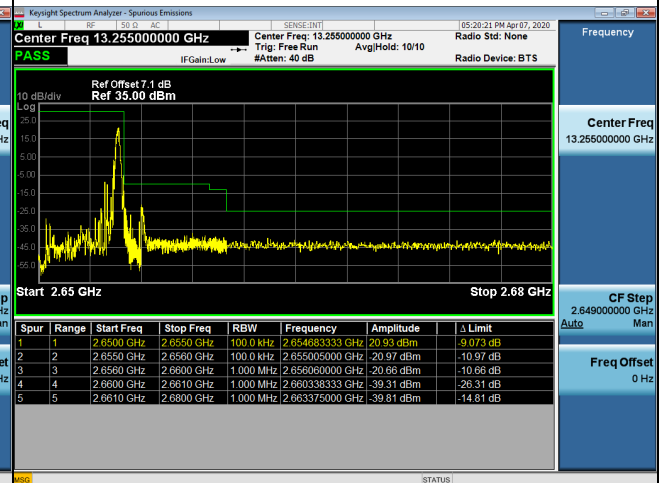
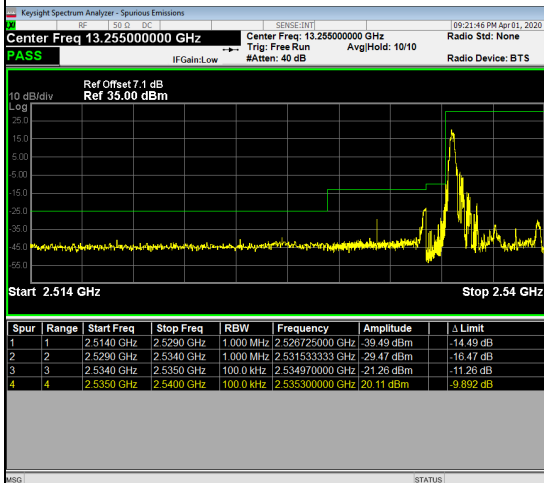
## 100RB#0

Channel		37850	Channel		38150
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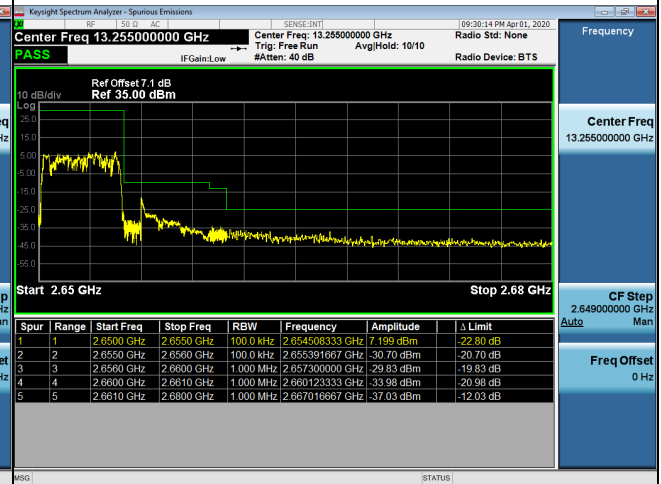
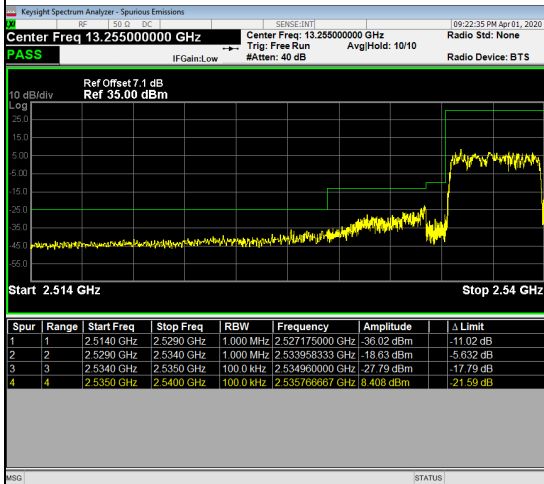
## LTE Band 41\_5M Spectrum Plot

<b>1RB#0</b>	<b>1RB#24</b>
<b>Channel</b>	<b>Channel</b>
<b>40065</b>	<b>41215</b>



## 25RB#0

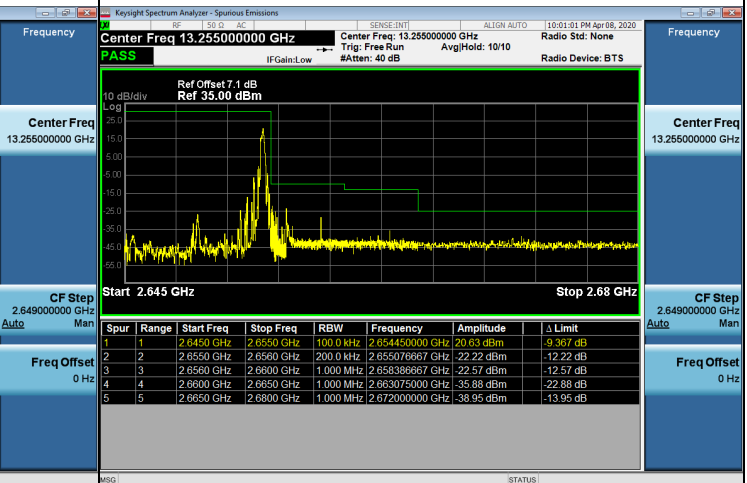
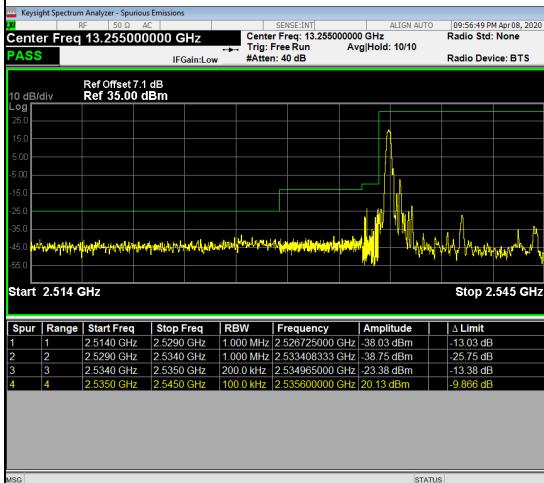
<b>Channel</b>	<b>Channel</b>
<b>40065</b>	<b>41215</b>





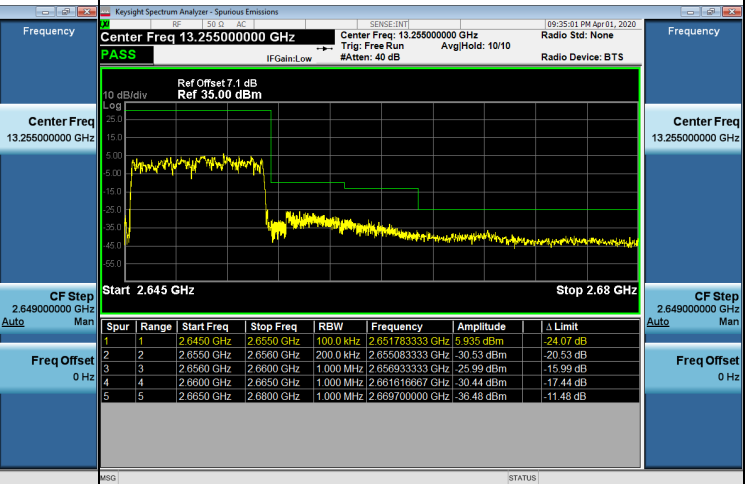
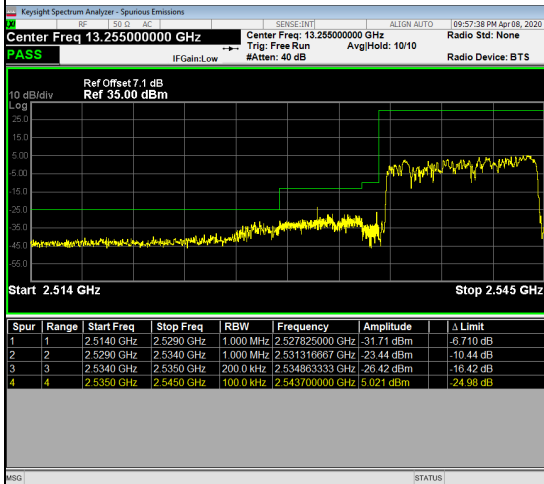
## LTE Band 41\_10M Spectrum Plot

1RB#0	1RB#49
Channel 40090	Channel 41190



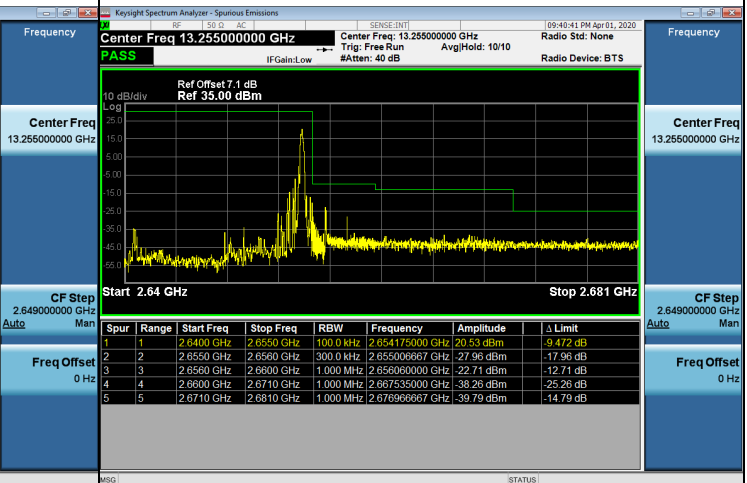
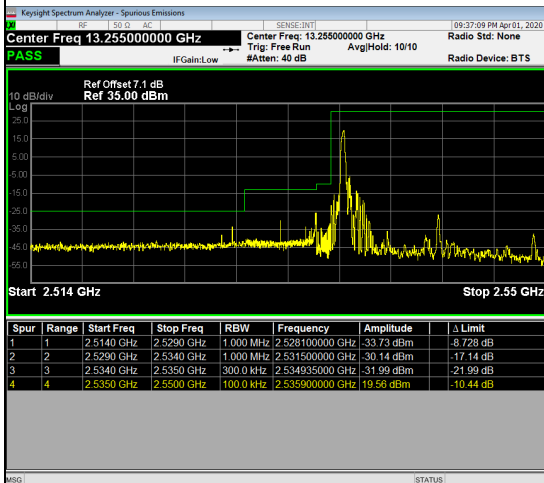
## 50RB#0

Channel 40090	Channel 41190
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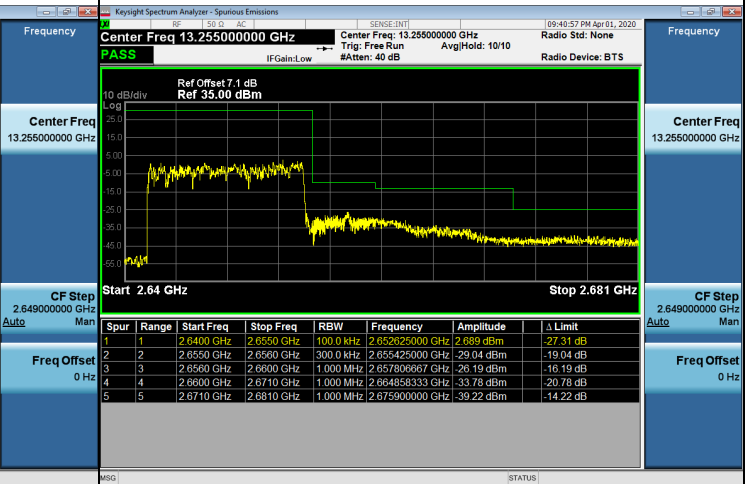
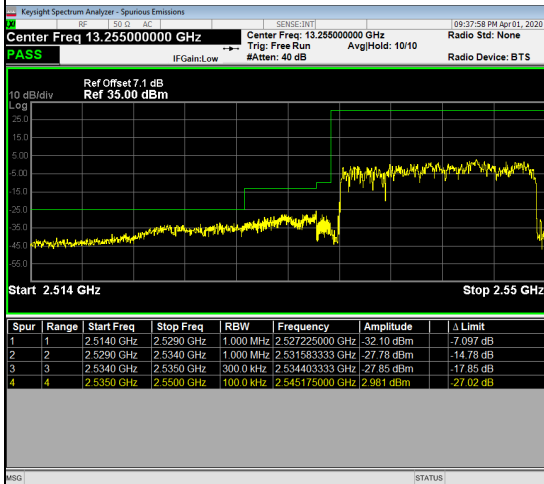
## LTE Band 41\_15M Spectrum Plot

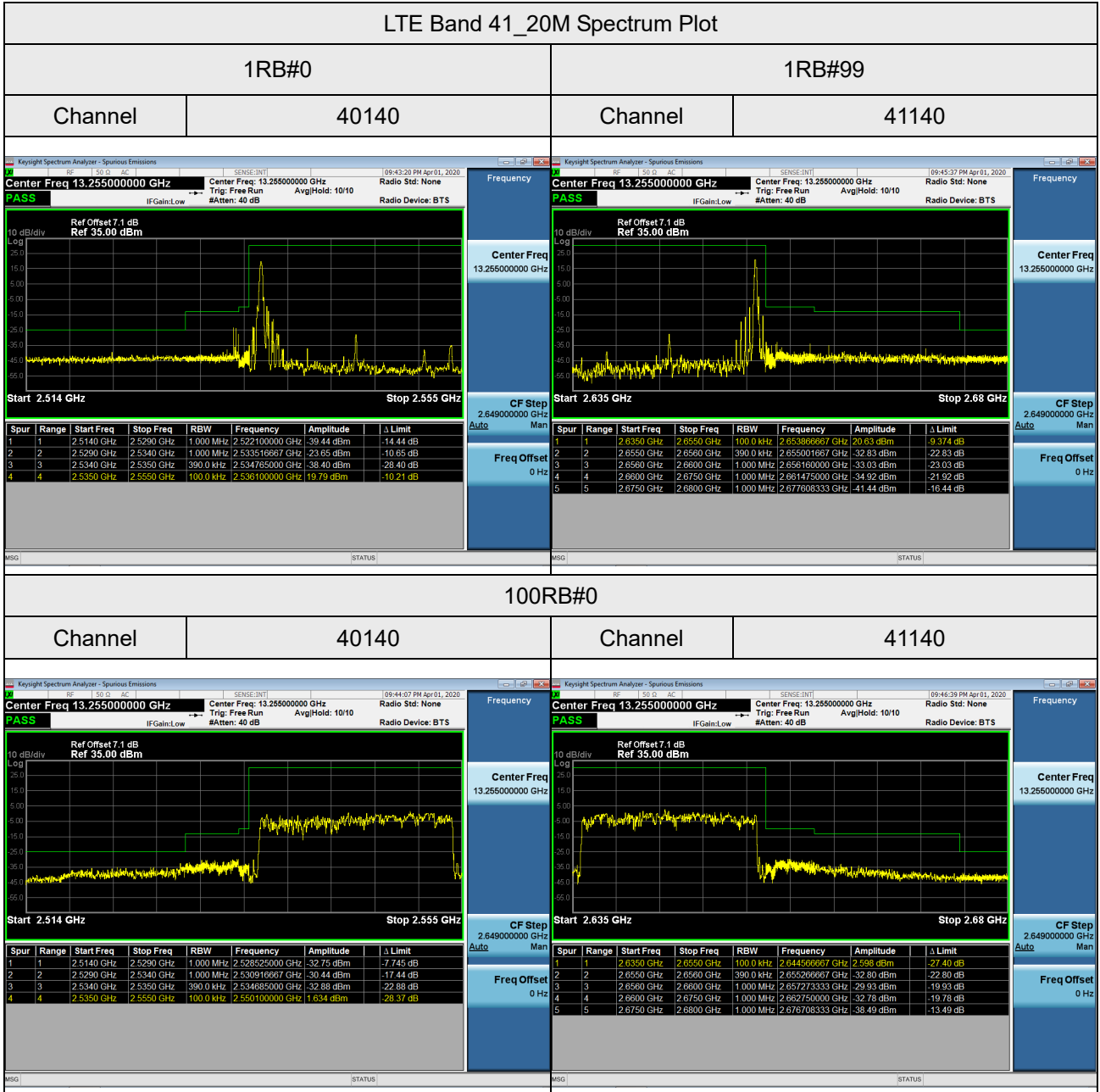
<b>1RB#0</b>	<b>1RB#74</b>
<b>Channel 40115</b>	<b>Channel 41165</b>

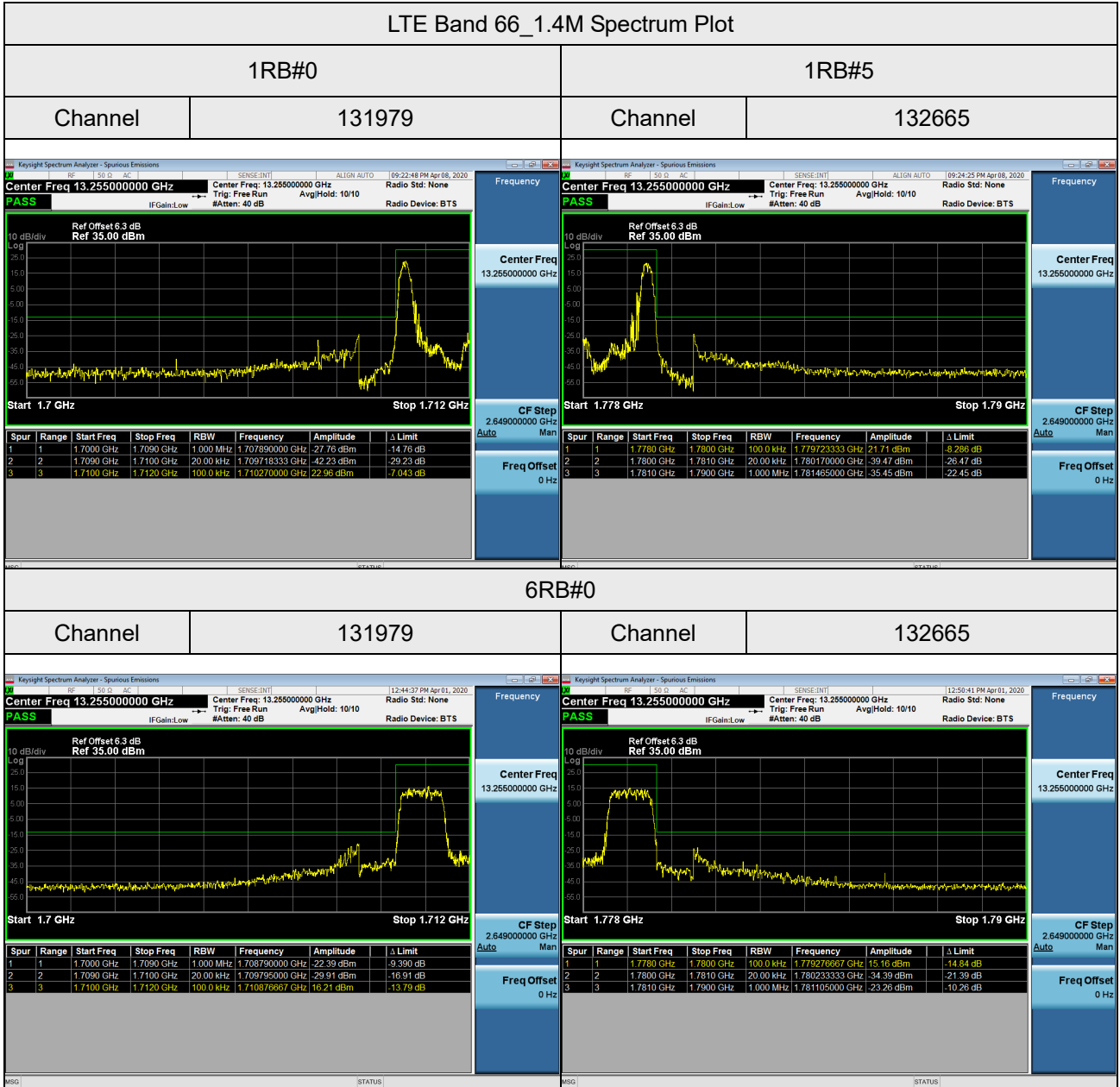


## 75RB#0

<b>Channel 40115</b>	<b>Channel 41165</b>
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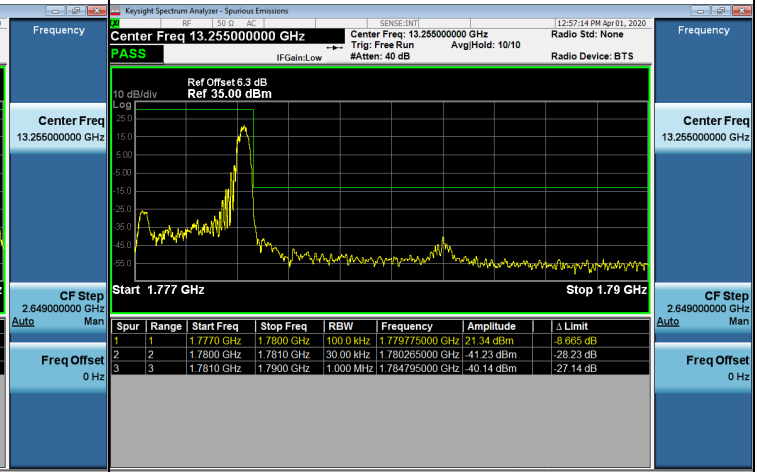
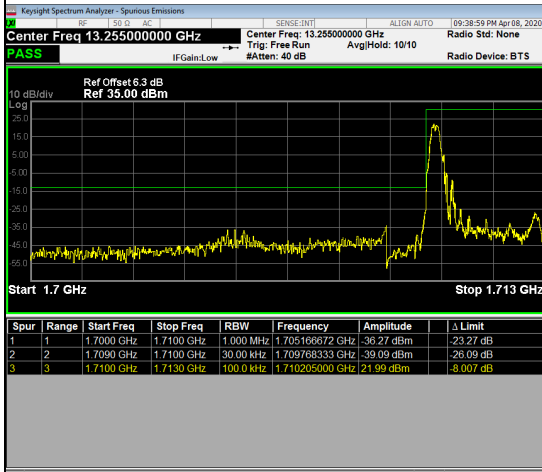






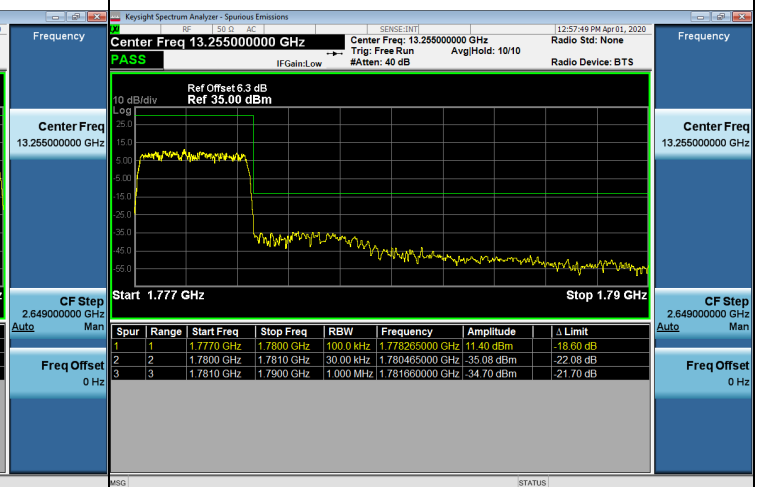
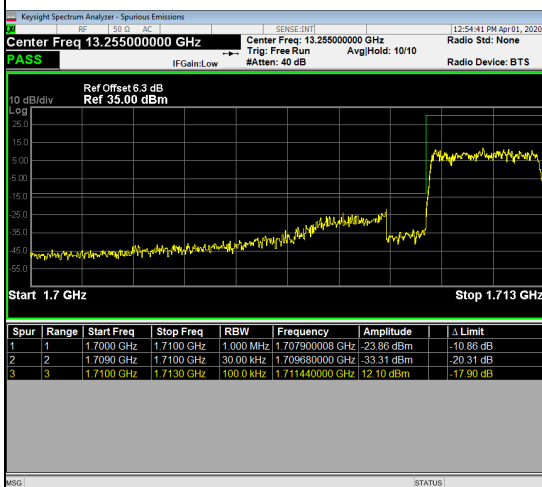
## LTE Band 66\_3M Spectrum Plot

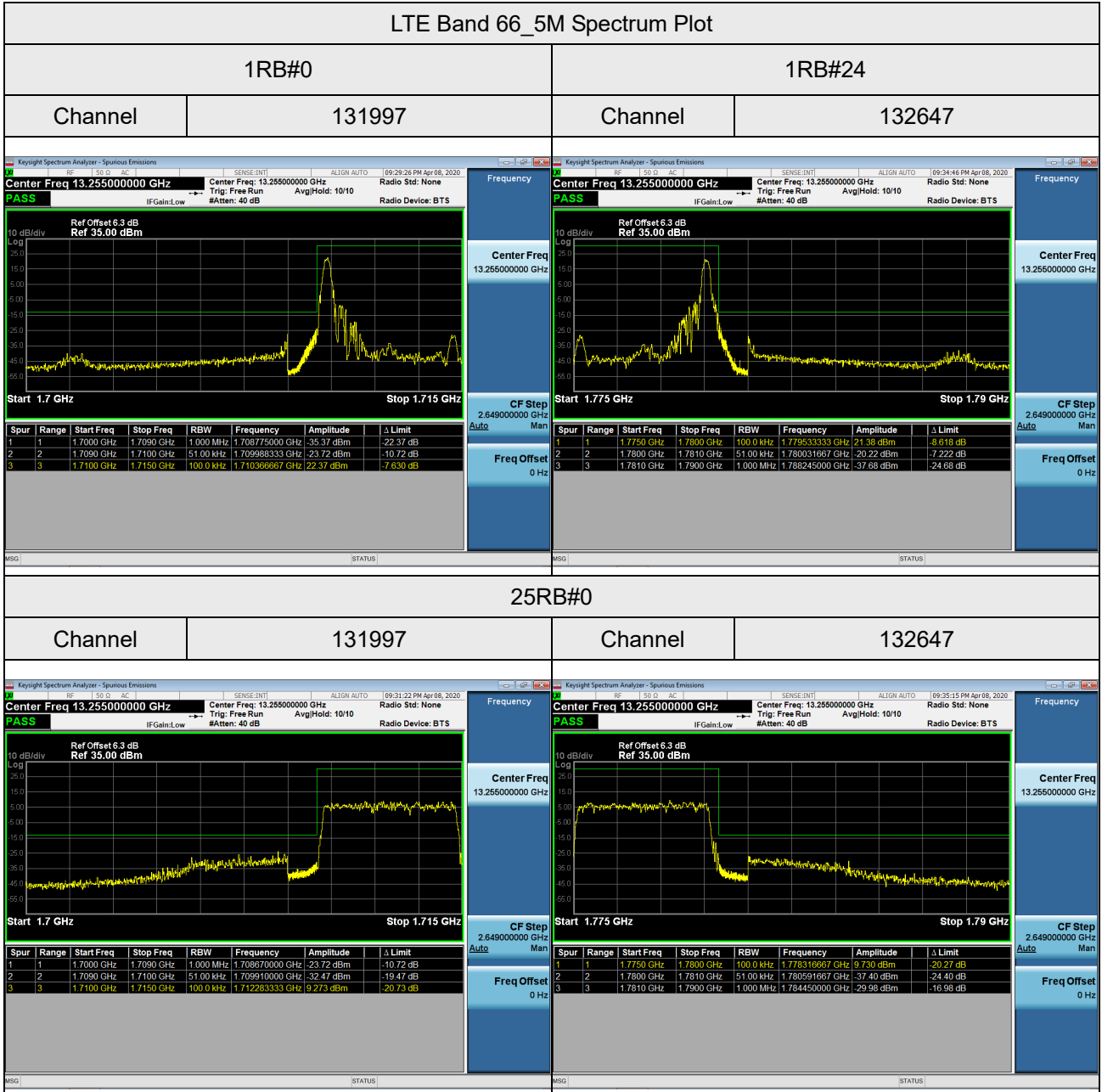
1RB#0		1RB#14	
Channel	131987	Channel	132657

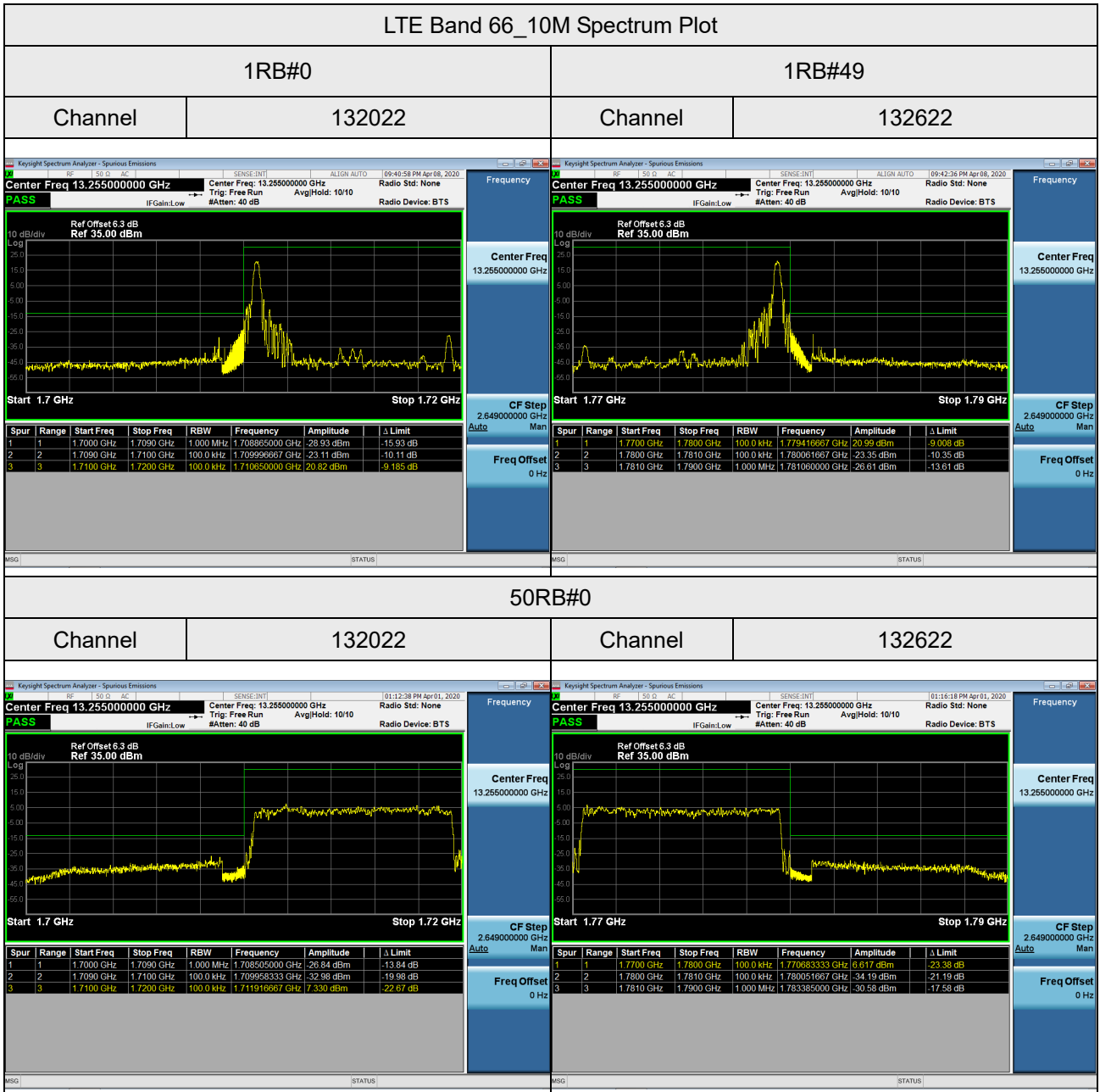


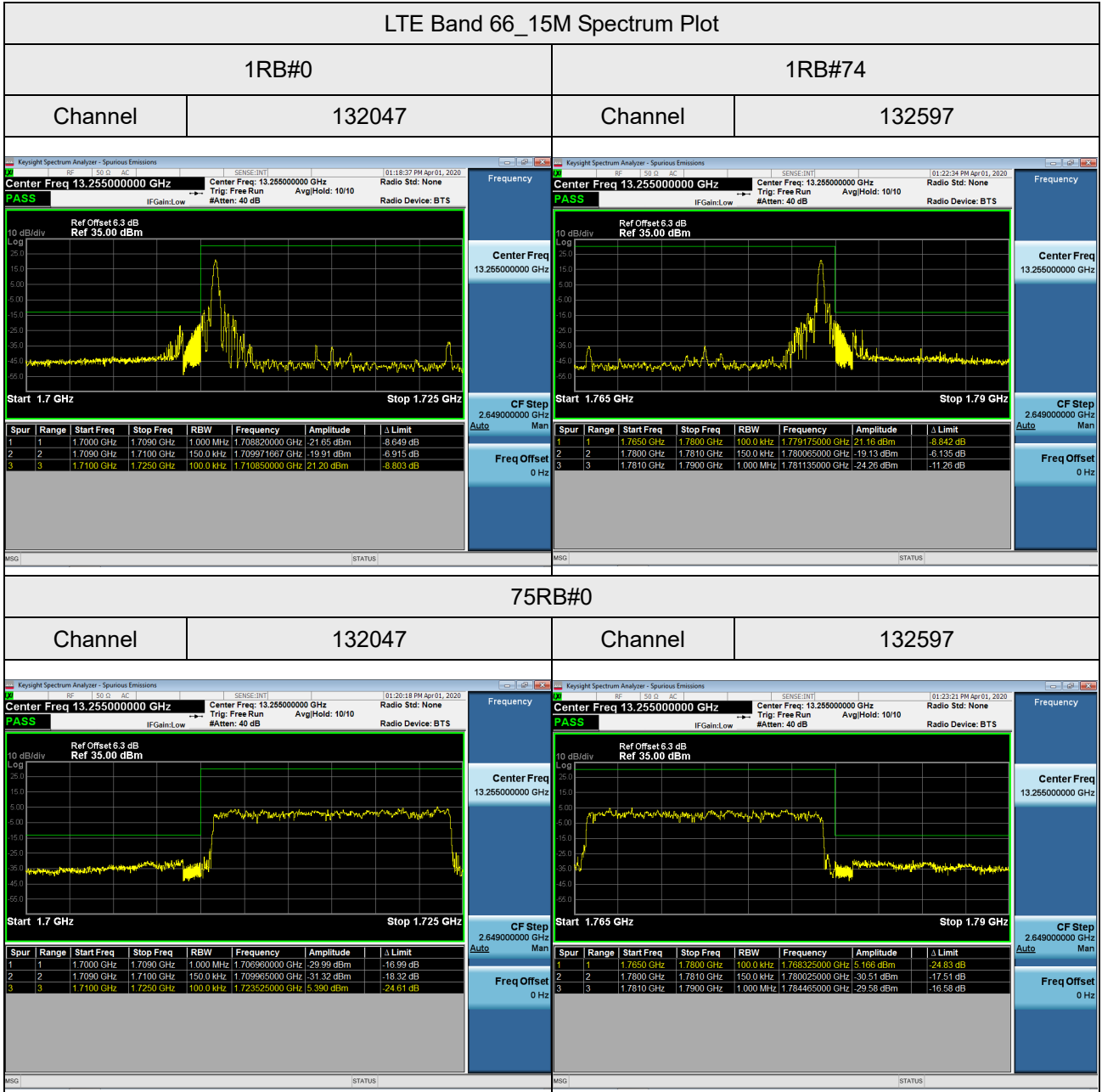
## 15RB#0

Channel 131987		Channel 132657	
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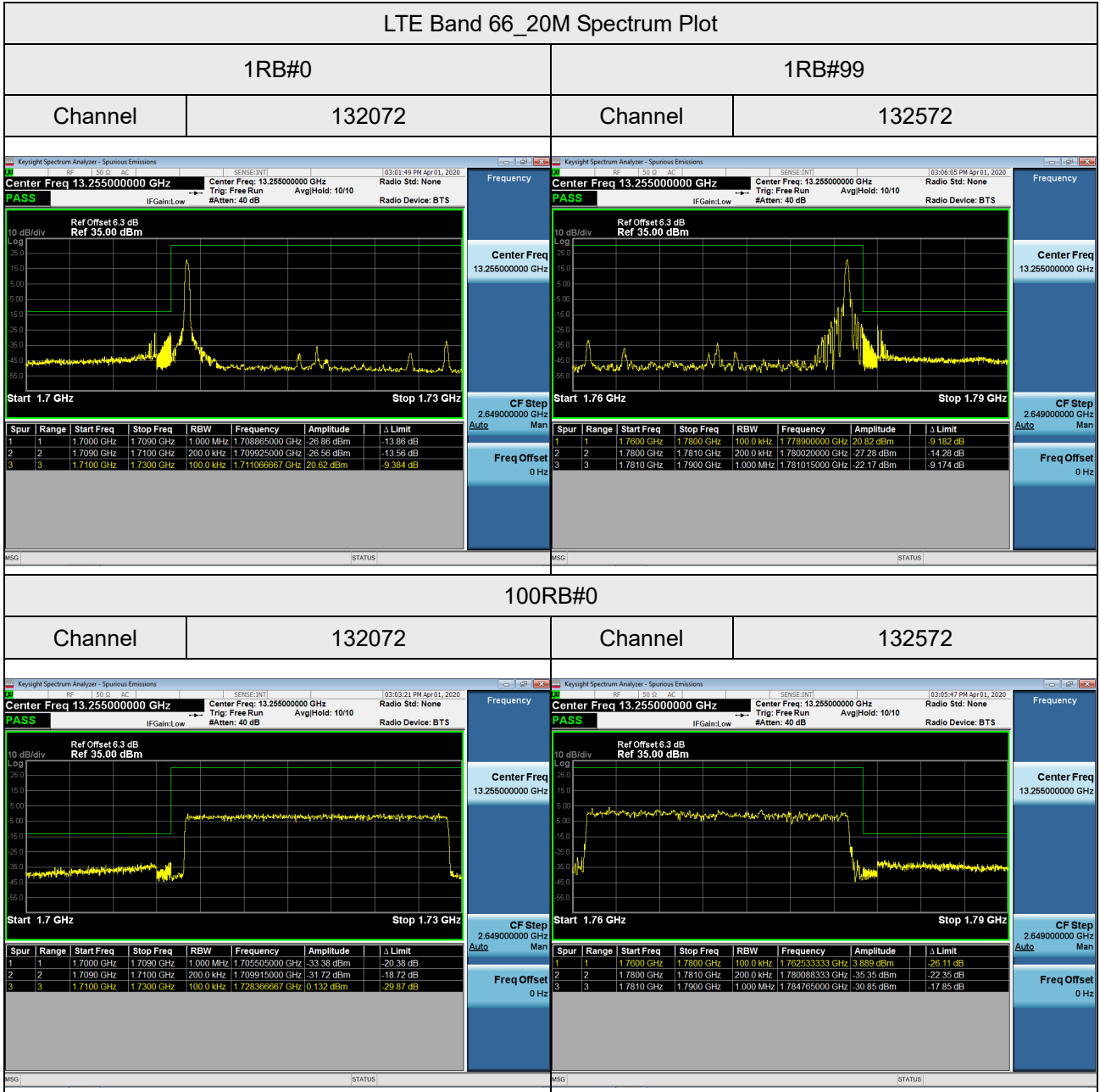






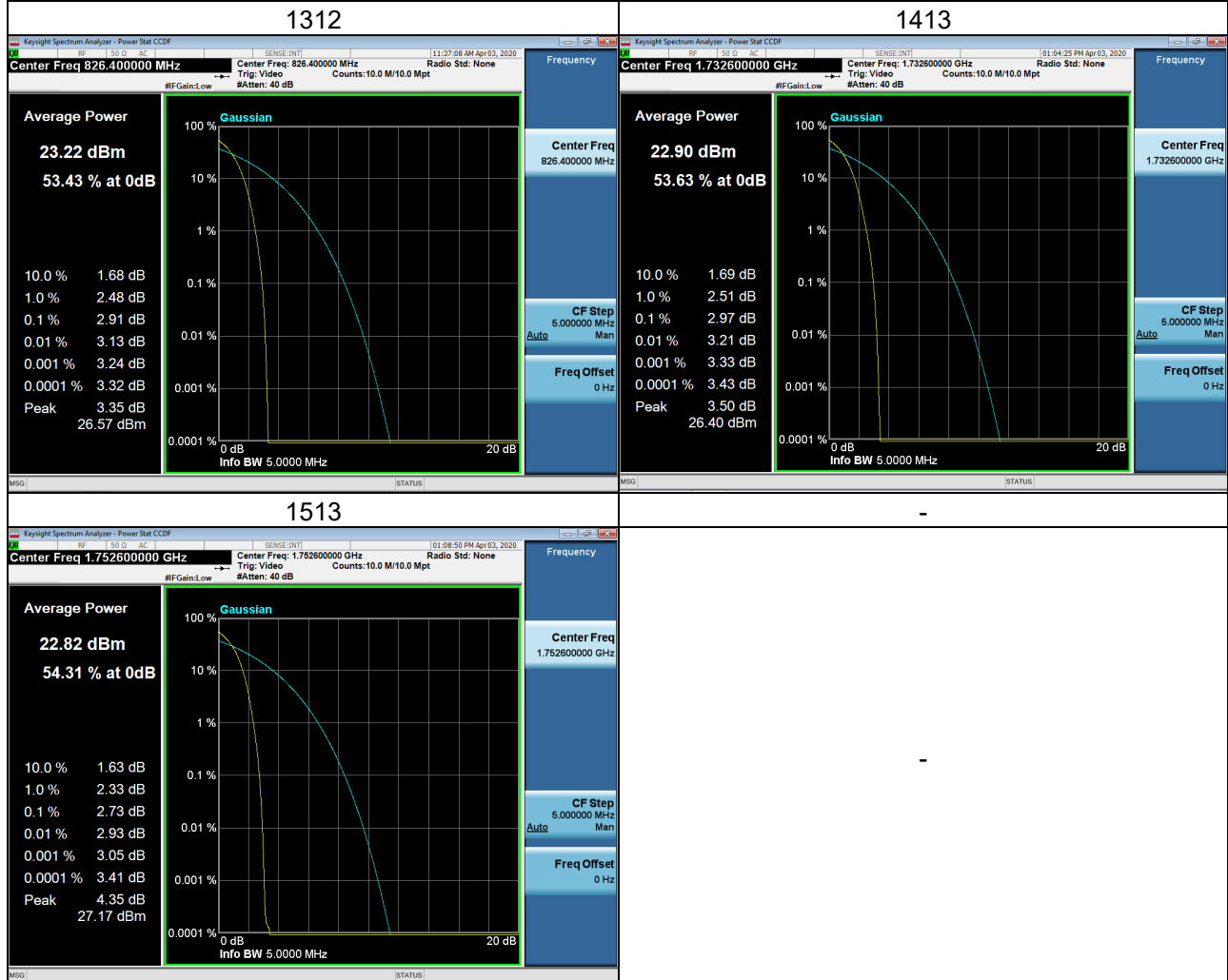




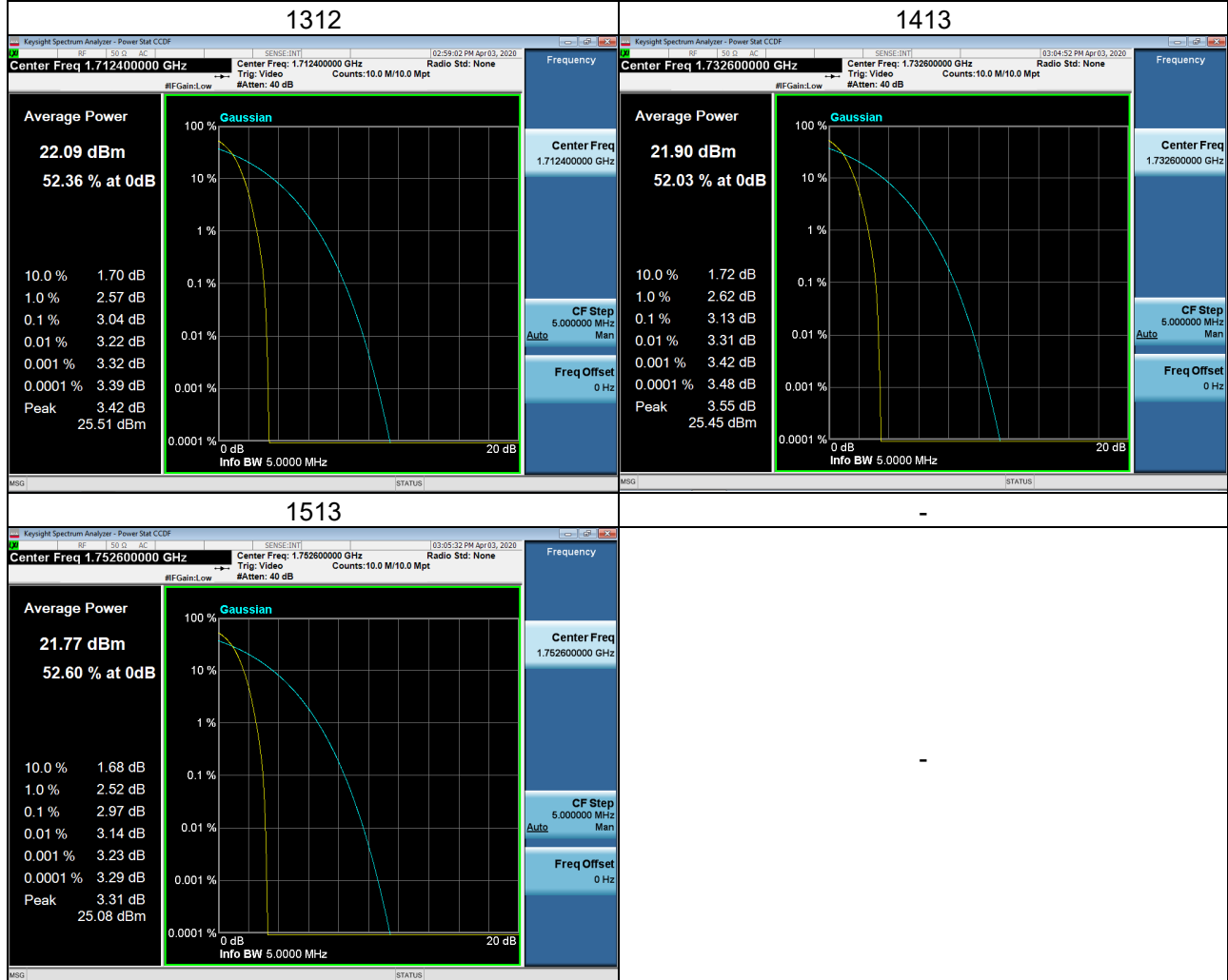


## APPENDIX H - PEAK TO AVERAGE RATIO

## WCDMA Band IV\_WCDMA Spectrum Plot



## WCDMA Band IV\_HSDPA Spectrum Plot



## WCDMA Band IV\_HSUPA Spectrum Plot

