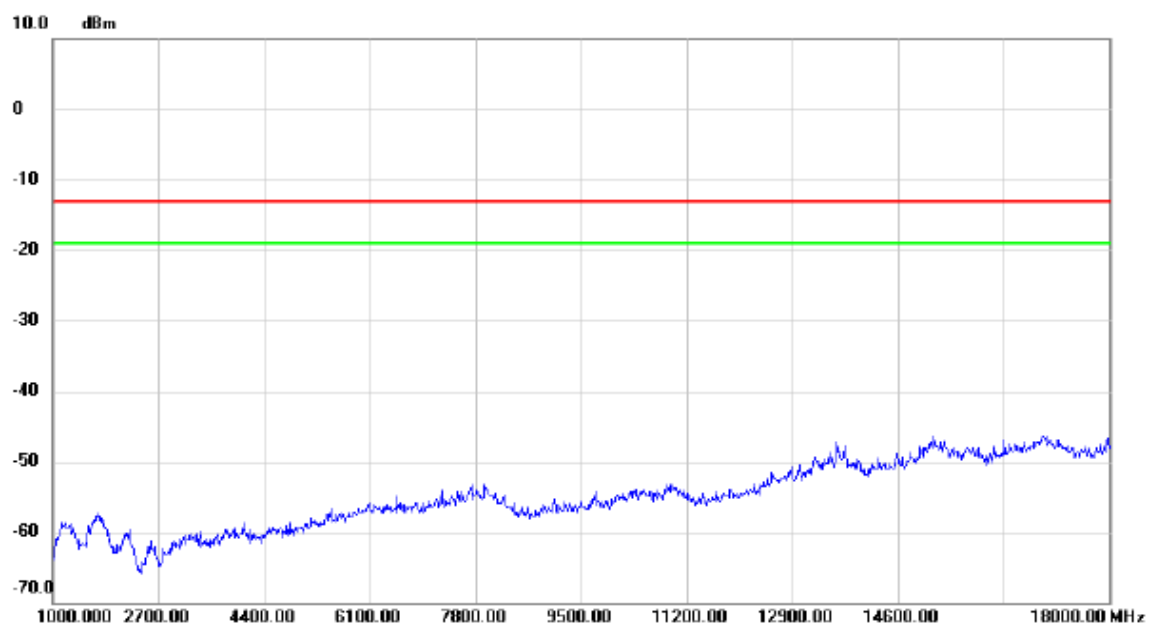


Test Mode: LTE Band 17_TX CH23755_5M

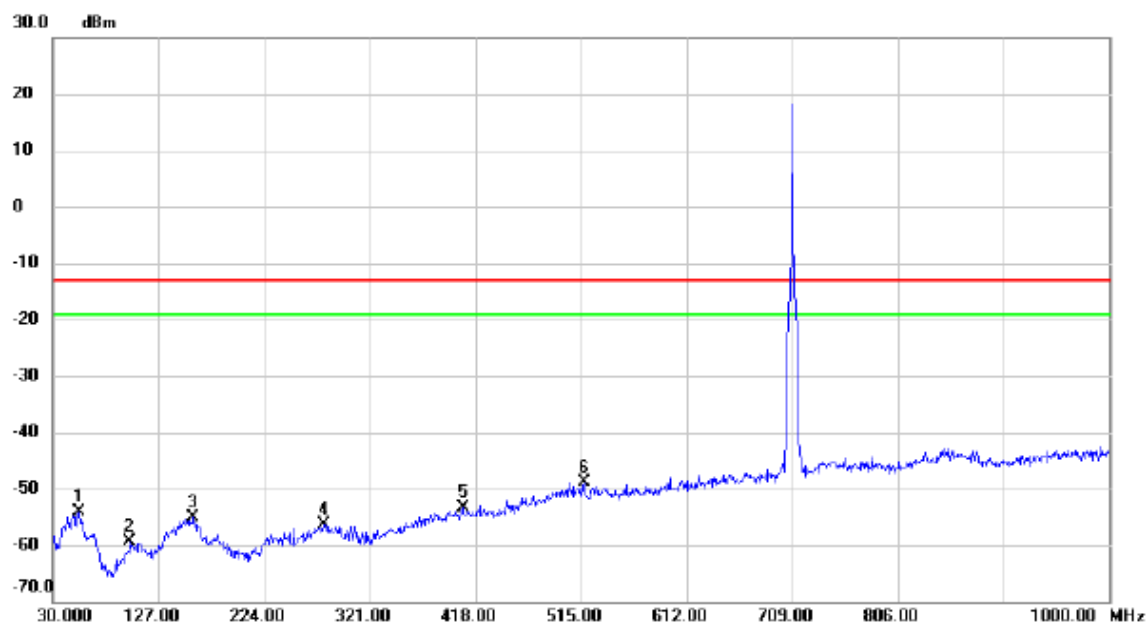
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

Test Mode: LTE Band 17_TX CH23780_10M

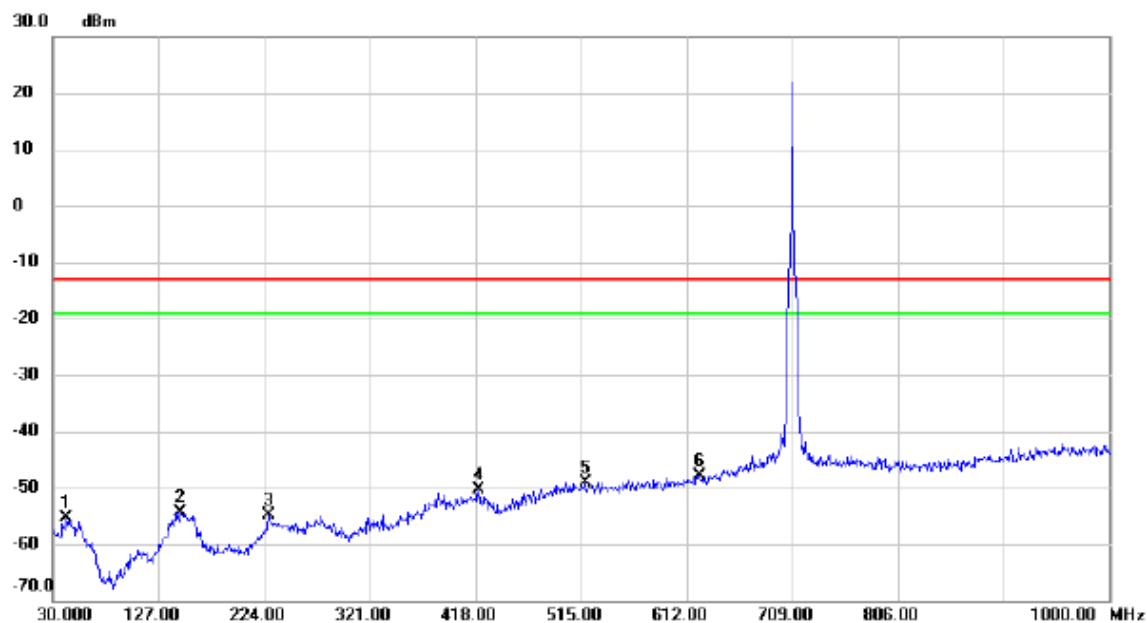
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		53.280	-76.01	21.99	-54.02	-13.00	-41.02	peak	
2		100.810	-78.01	18.65	-59.36	-13.00	-46.36	peak	
3		159.010	-78.36	23.18	-55.18	-13.00	-42.18	peak	
4		279.290	-78.94	22.62	-56.32	-13.00	-43.32	peak	
5		406.360	-77.65	24.28	-53.37	-13.00	-40.37	peak	
6	*	517.910	-76.28	27.51	-48.77	-13.00	-35.77	peak	

Test Mode: LTE Band 17_TX CH23780_10M

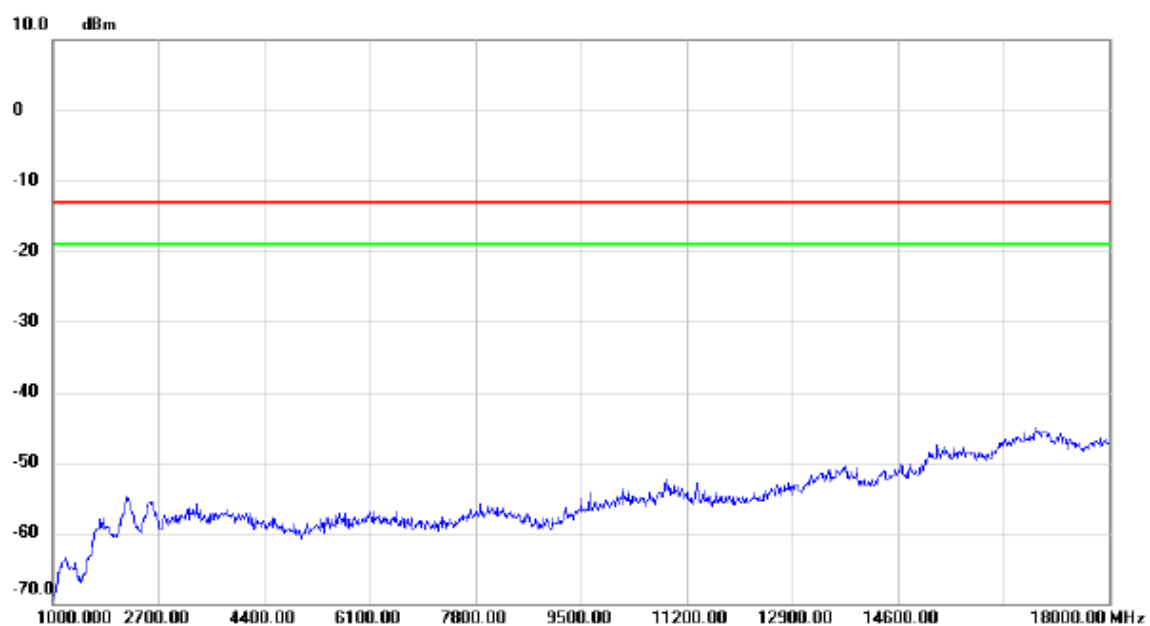
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-78.02	22.59	-55.43	-13.00	-42.43	peak	
2		147.370	-78.30	23.95	-54.35	-13.00	-41.35	peak	
3		227.880	-77.60	22.68	-54.92	-13.00	-41.92	peak	
4		420.910	-77.18	26.78	-50.40	-13.00	-37.40	peak	
5		518.880	-77.17	28.08	-49.09	-13.00	-36.09	peak	
6	*	623.640	-77.58	29.81	-47.77	-13.00	-34.77	peak	

Test Mode: LTE Band 17_TX CH23780_10M

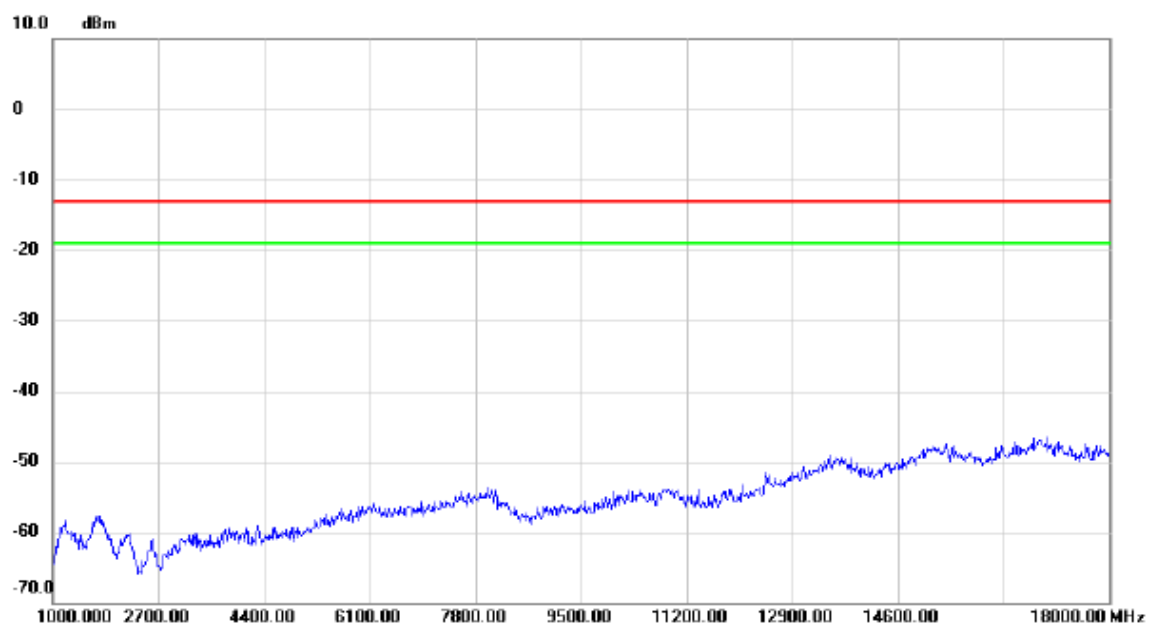
Vertical



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm	dB	dBm	dBm	dB		

Test Mode: LTE Band 17_TX CH23780_10M

Horizontal

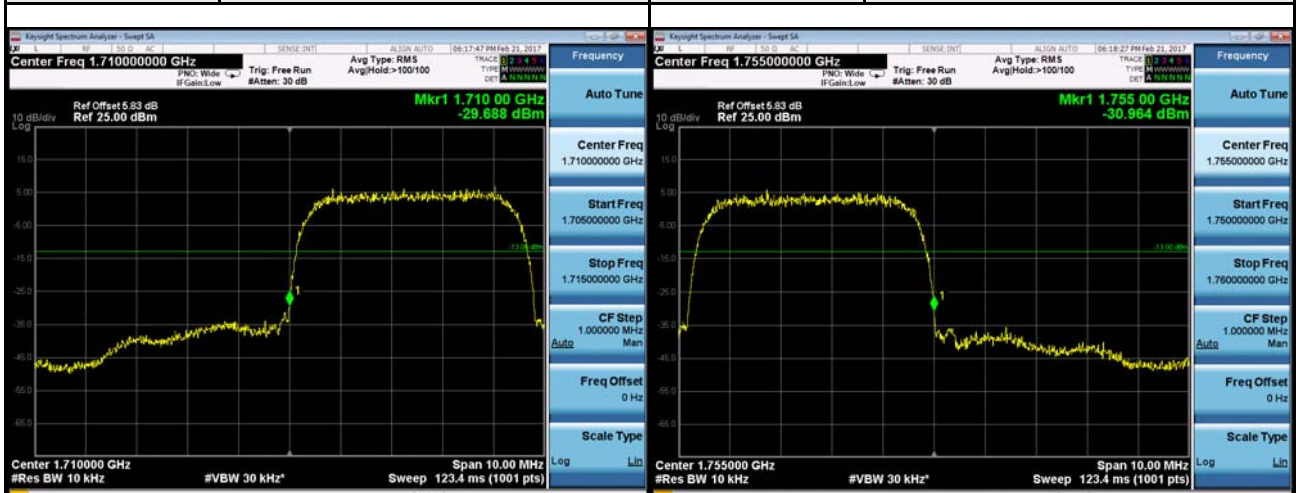


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

ATTACHMENT E - BAND EDGE

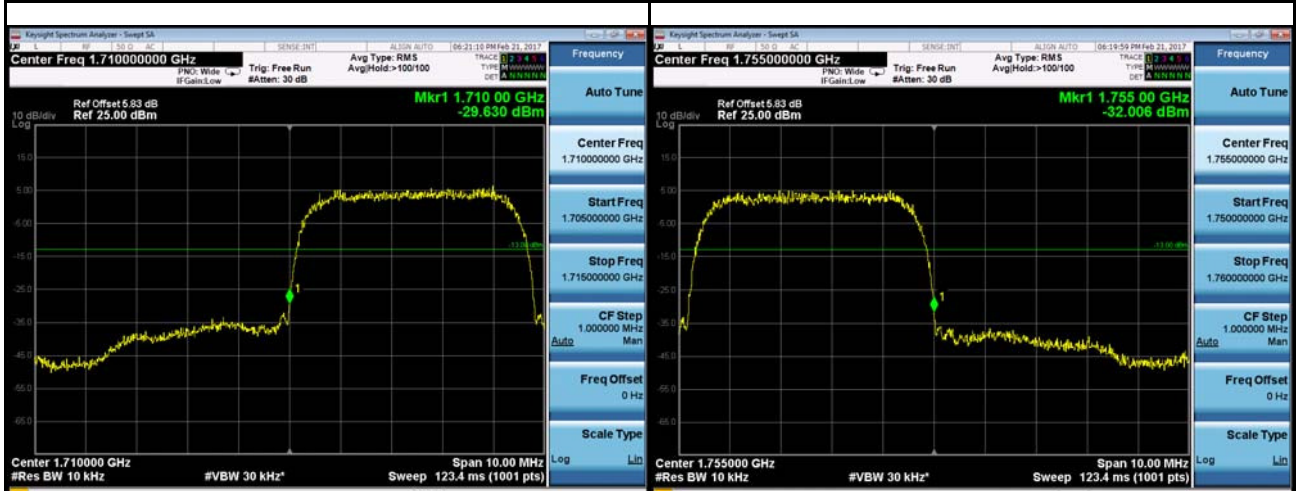
WCDMA Band 4_WCDMA

Channel	1312	Channel	1513
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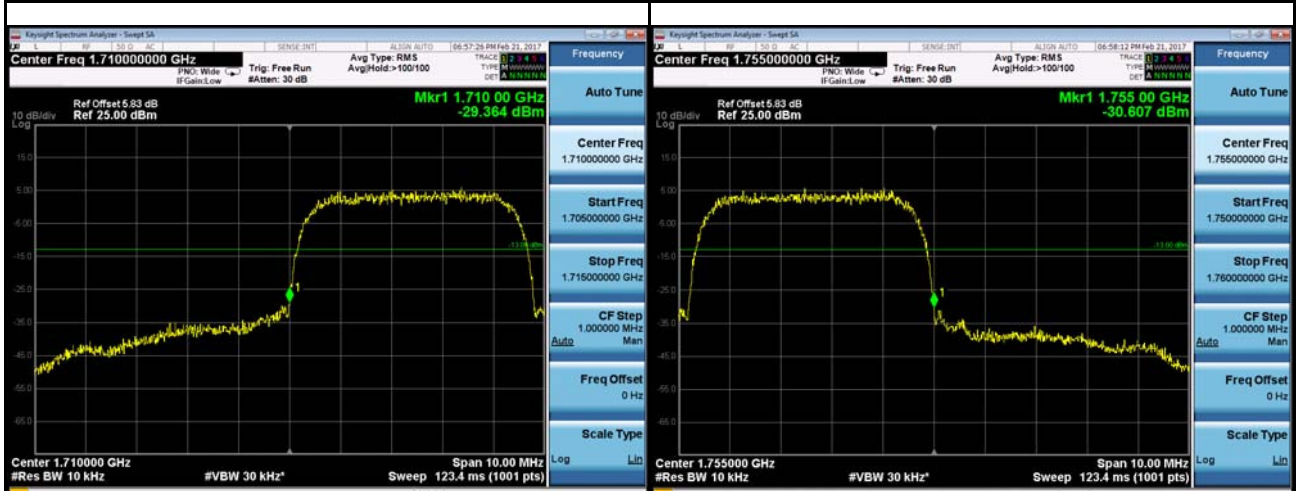
WCDMA Band 4_HSDPA

Channel	1312	Channel	1513
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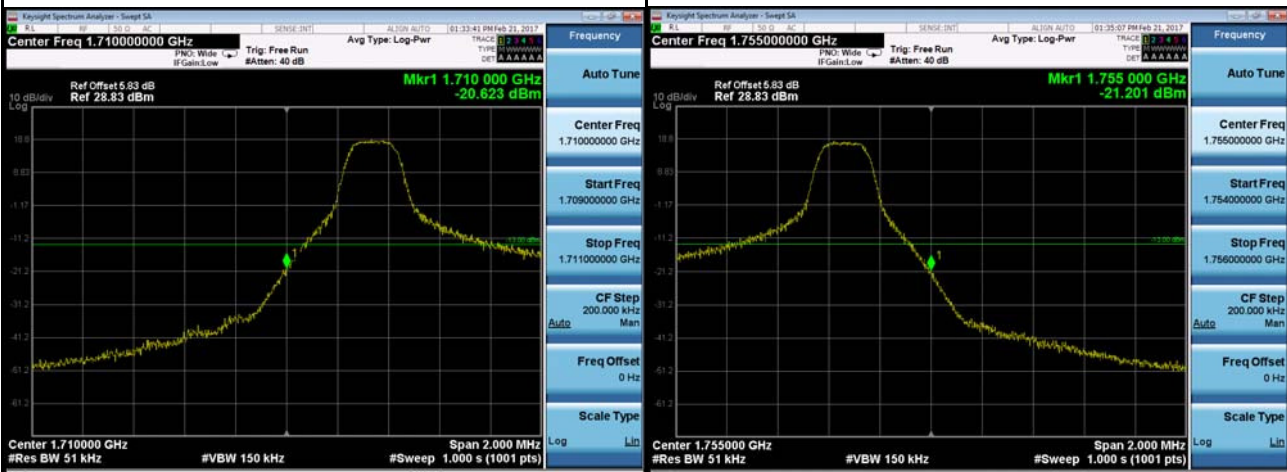
WCDMA Band 4_HSUPA

Channel	1312	Channel	1513
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LTE Band 4_5M

1RB0		1RB24	
Channel	19975	Channel	20375



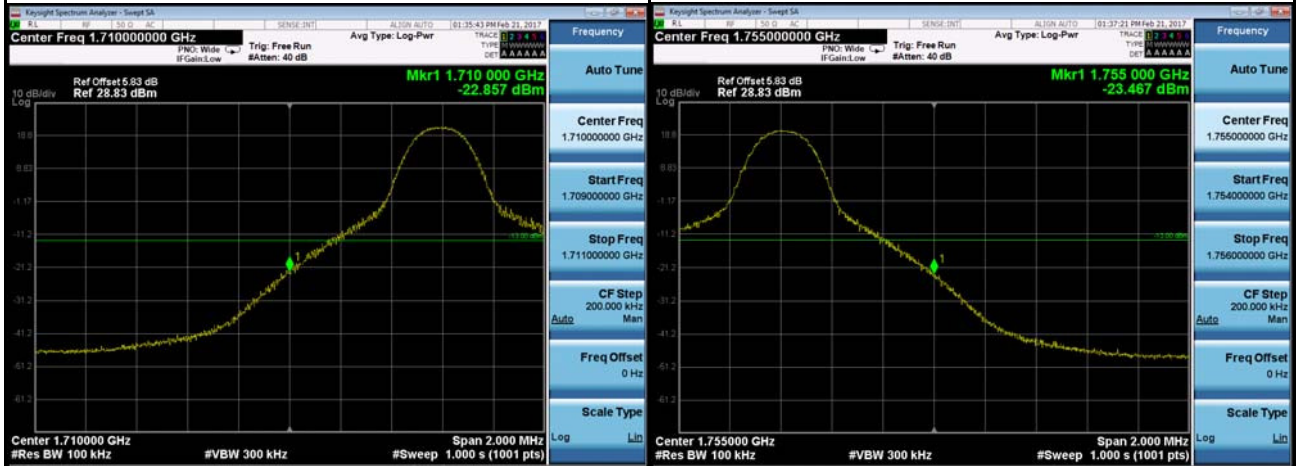
25RB0

Channel	19975	Channel	20375
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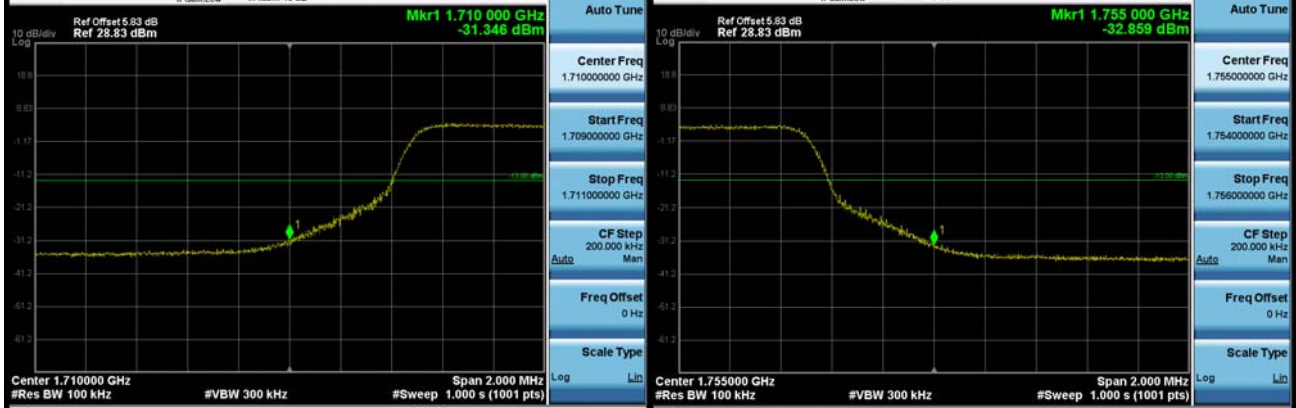
LTE Band 4_10M

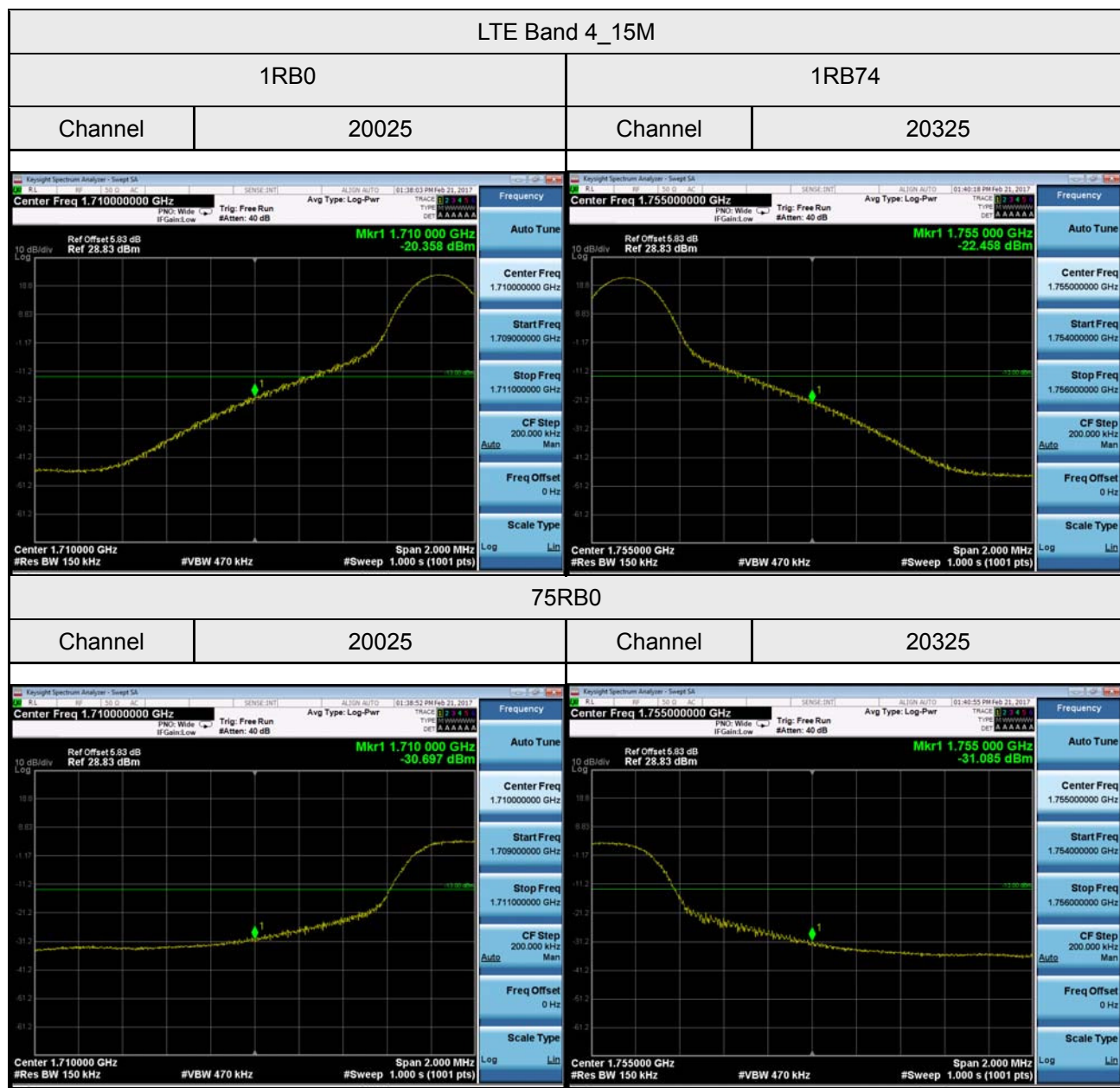
1RB0		1RB49	
Channel	20000	Channel	20350



50RB0

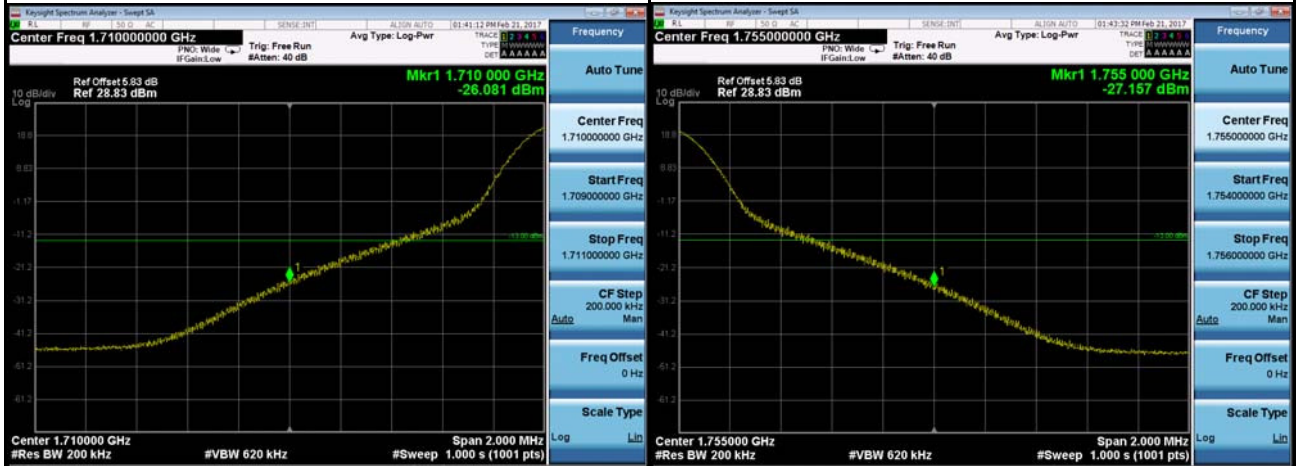
20000		20350	
Channel	20000	Channel	20350





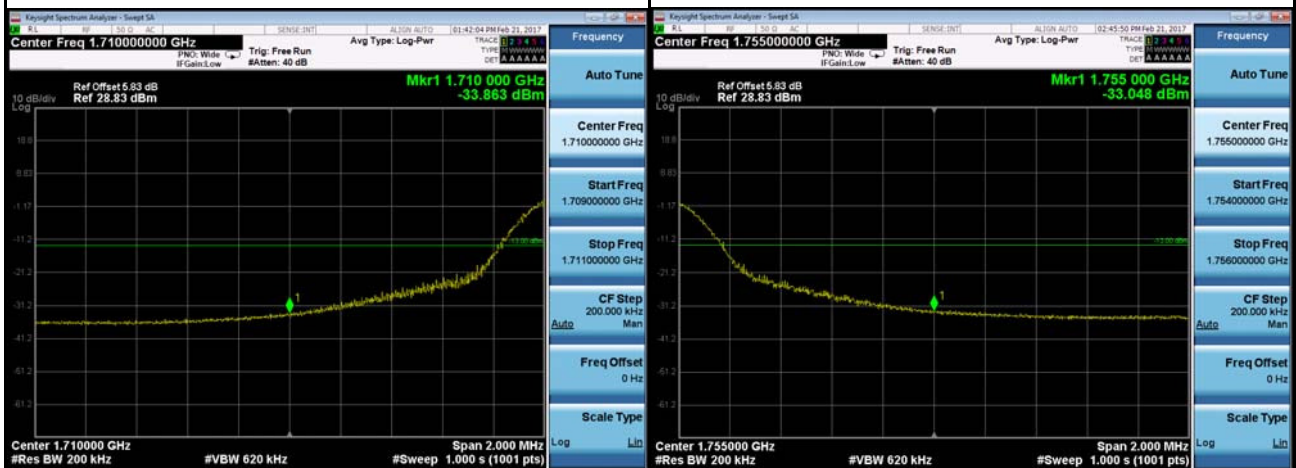
LTE Band 4_20M

1RB0		1RB99	
Channel	20050	Channel	20300



100RB0

Channel	20050	Channel	20300
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LTE Band 7_5M

1RB0

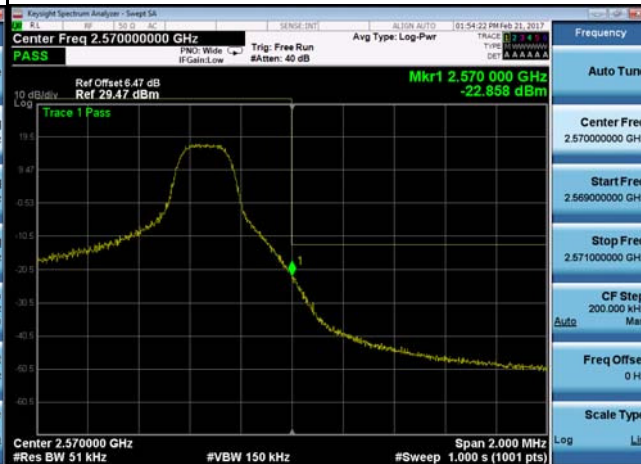
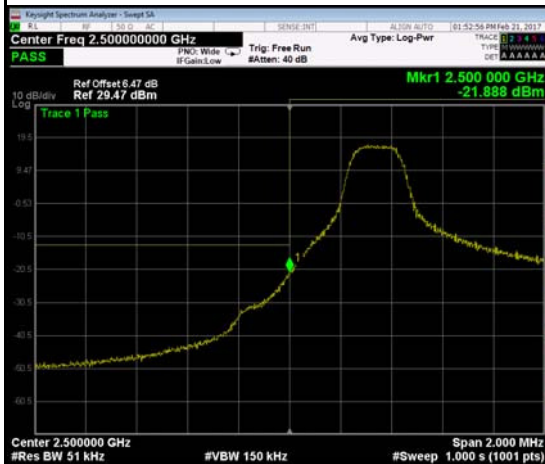
1RB24

Channel

20775

Channel

21425



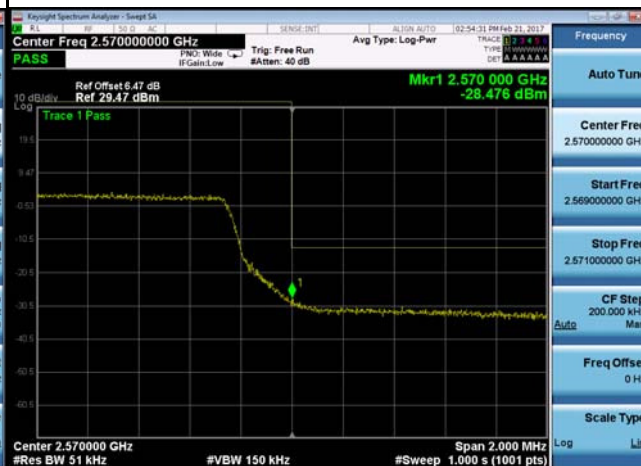
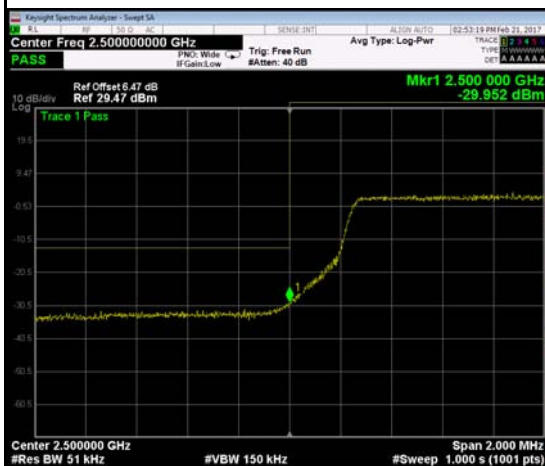
25RB0

Channel

20775

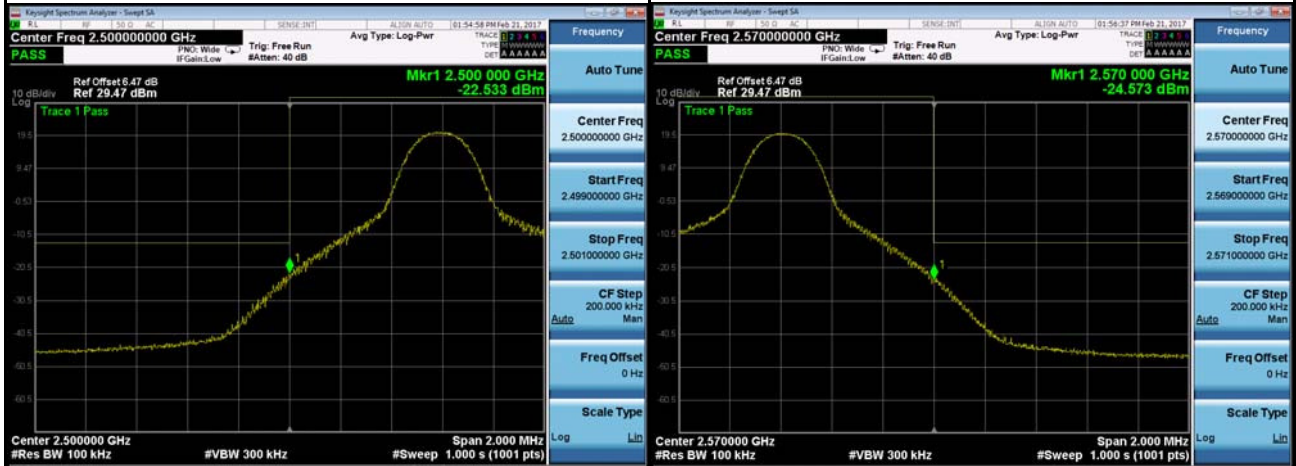
Channel

21425



LTE Band 7_10M

1RB0		1RB49	
Channel	20800	Channel	21400



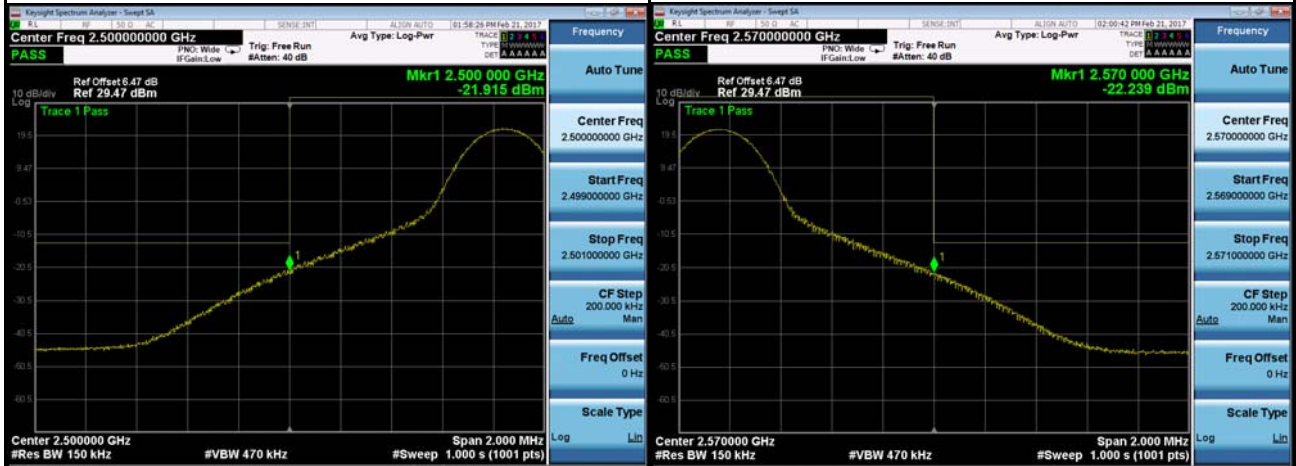
50RB0

20800		21400	
Channel	20800	Channel	21400



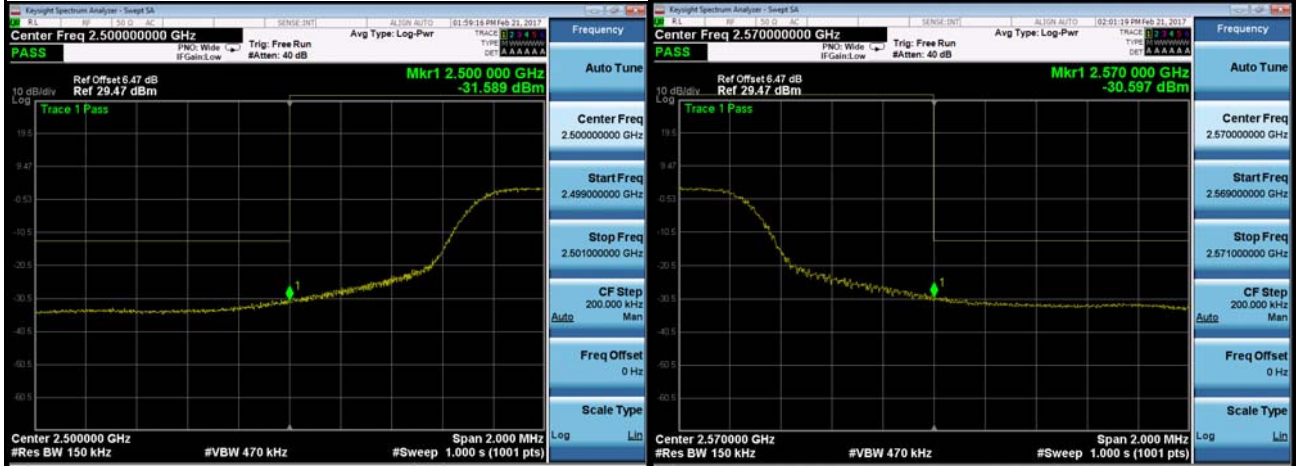
LTE Band 7_15M

1RB0		1RB74	
Channel	20825	Channel	21375



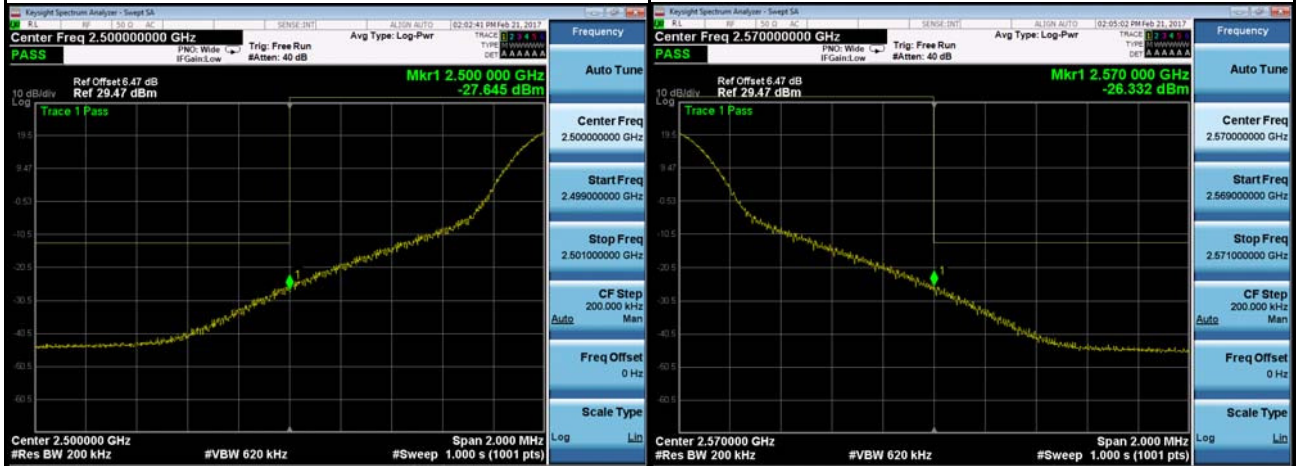
75RB0

20825		21375	
Channel	20825	Channel	21375



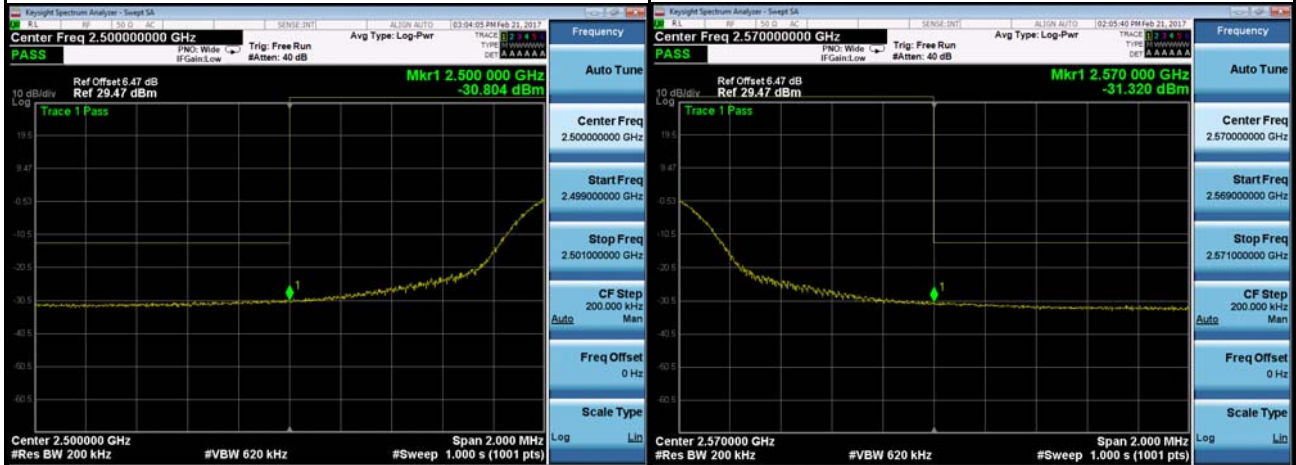
LTE Band 7_20M

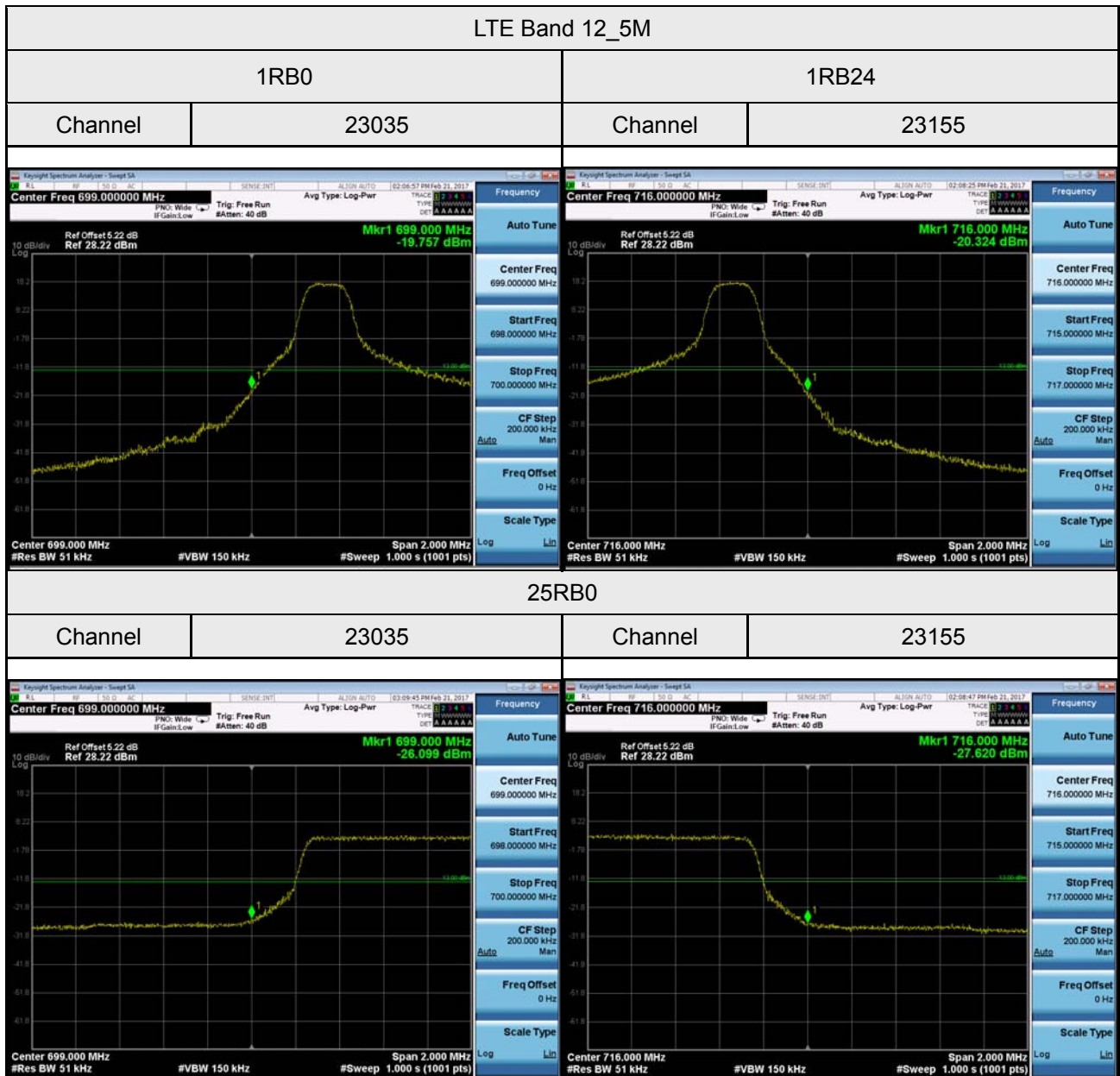
1RB0		1RB99	
Channel	20850	Channel	21350



100RB0

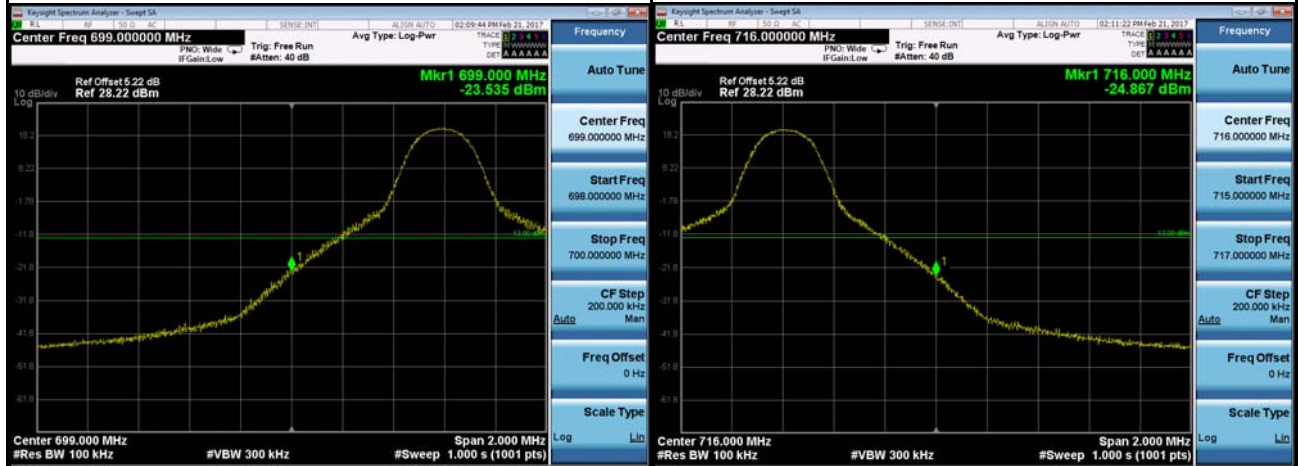
Channel	20850	Channel	21350
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LTE Band 12_10M

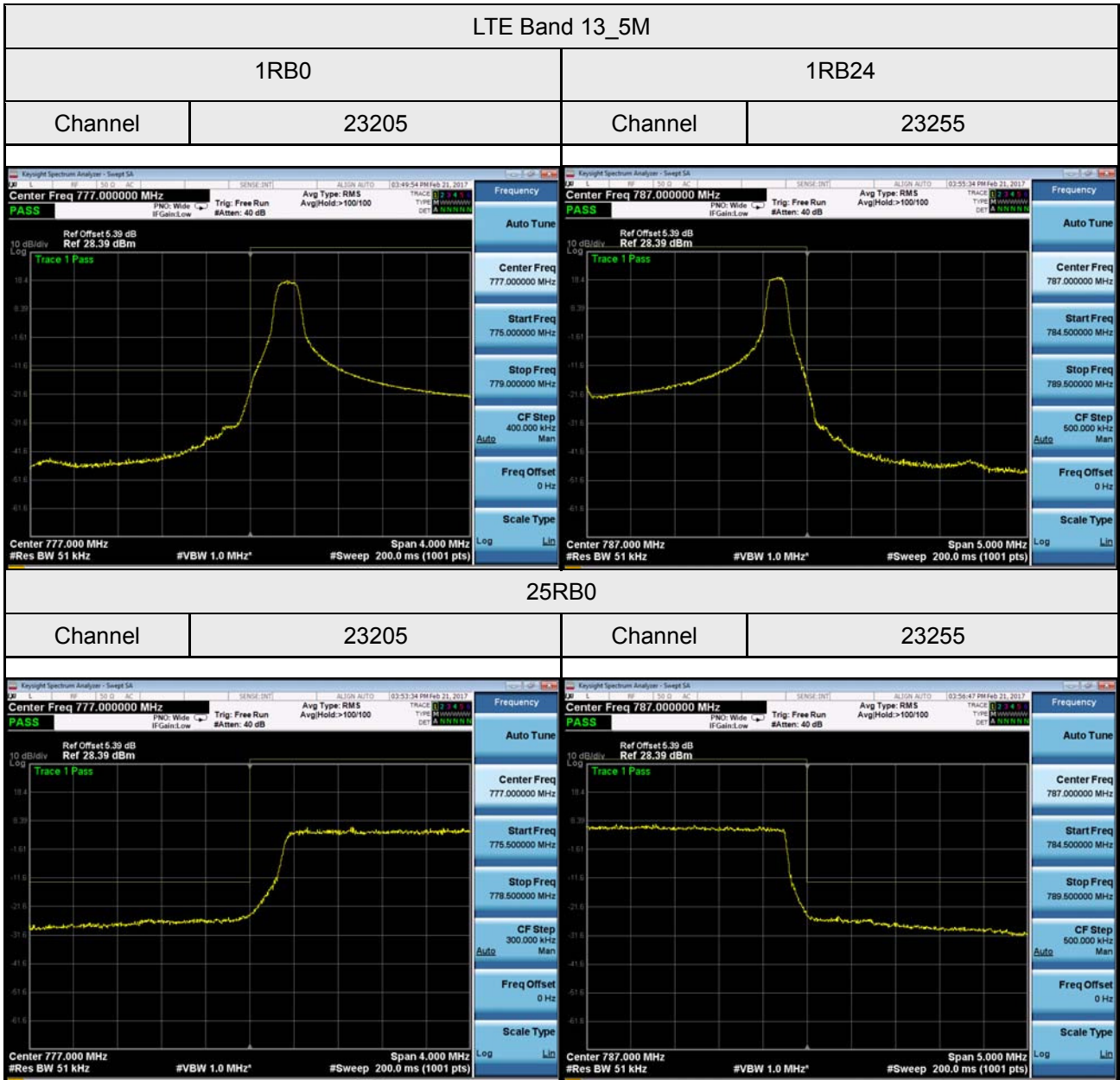
1RB0		1RB49	
Channel	23060	Channel	20350



50RB0

Channel	23060	Channel	20350
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LTE Band 13_10M

1RB0

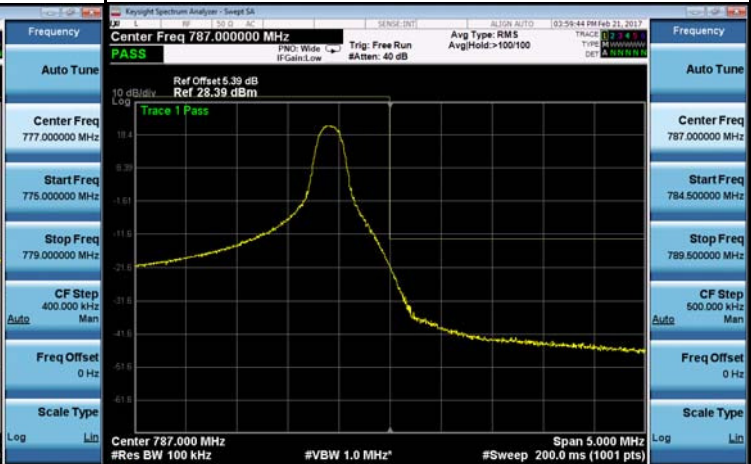
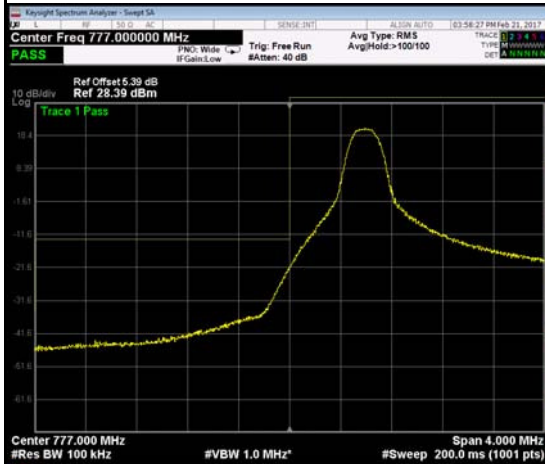
1RB49

Channel

23230

Channel

23230



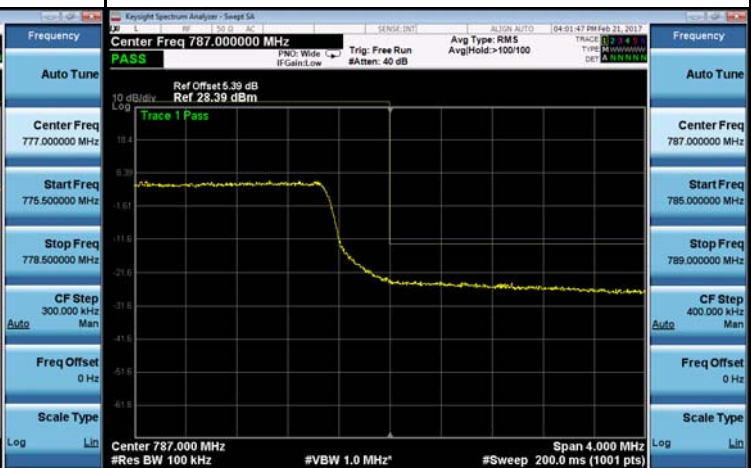
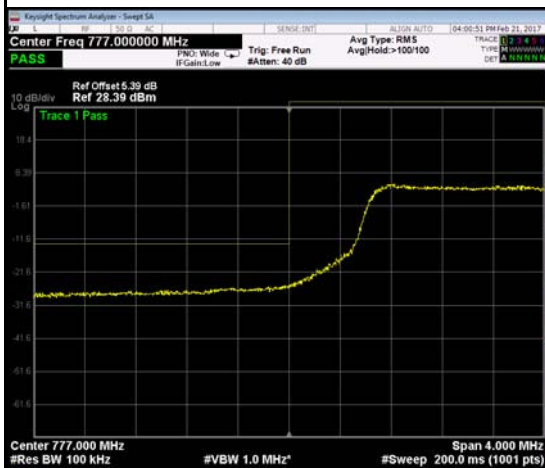
50RB0

Channel

23230

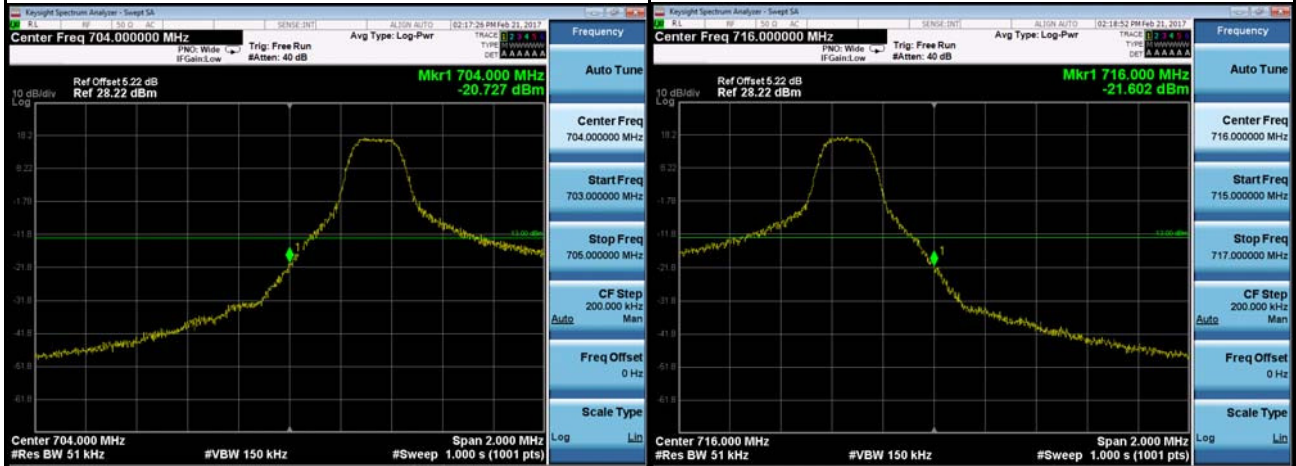
Channel

23230



LTE Band 17_5M

1RB0		1RB24	
Channel	23755	Channel	23825



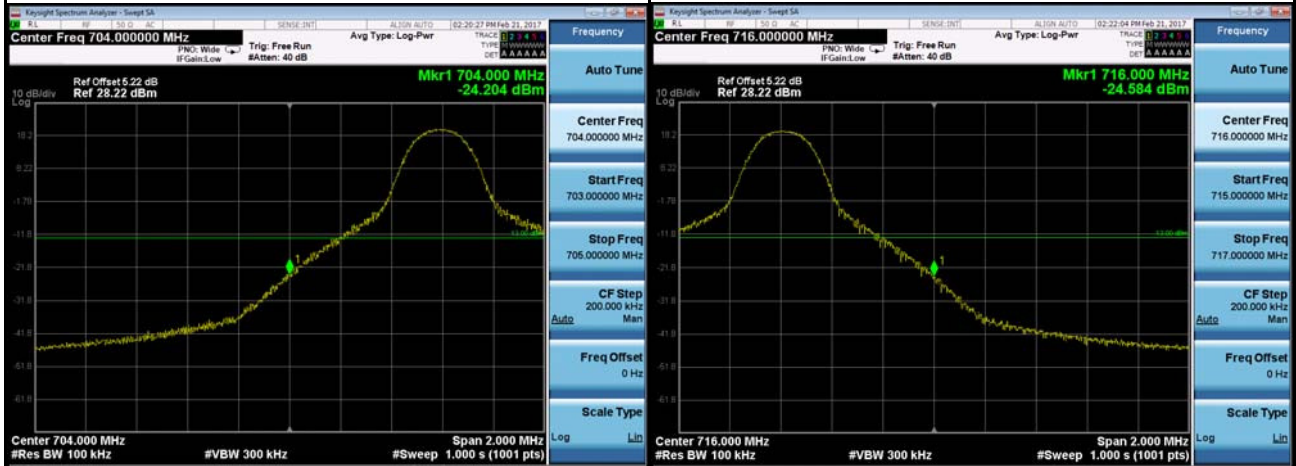
25RB0

23755		23825	
Channel	23755	Channel	23825



LTE Band 17_10M

1RB0		1RB49	
Channel	23780	Channel	23800



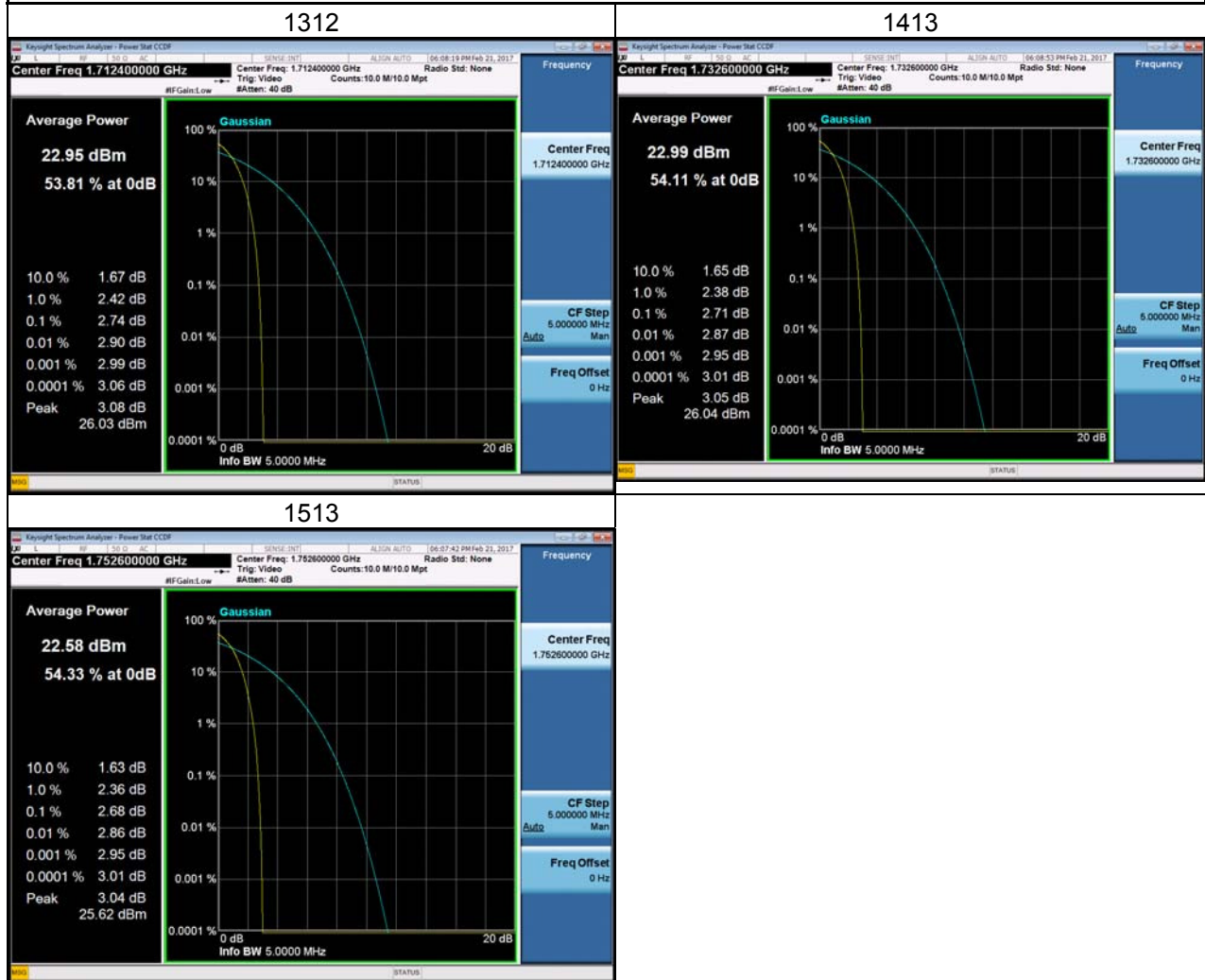
50RB0

Channel	23780	Channel	23800
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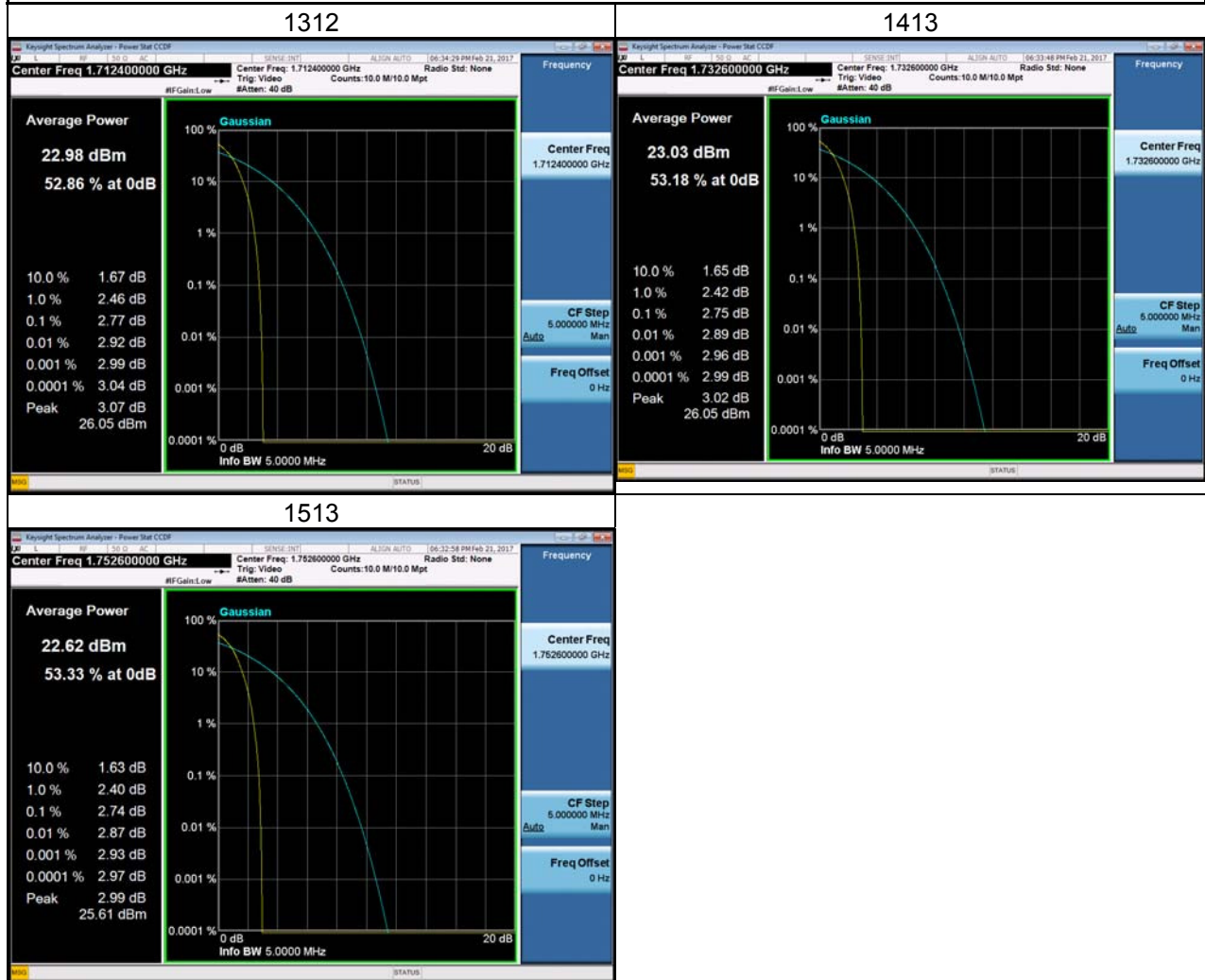


ATTACHMENT F - PEAK TO AVERAGE RATIO

WCDMA Band 4 Spectrum Plot_WCDMA

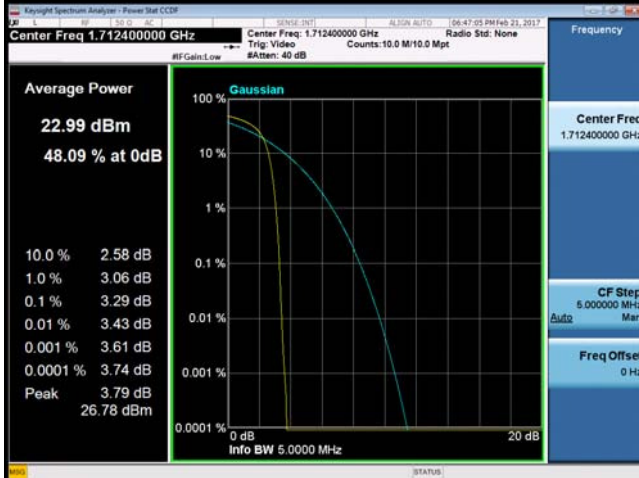


WCDMA Band 4 Spectrum Plot_HSDPA

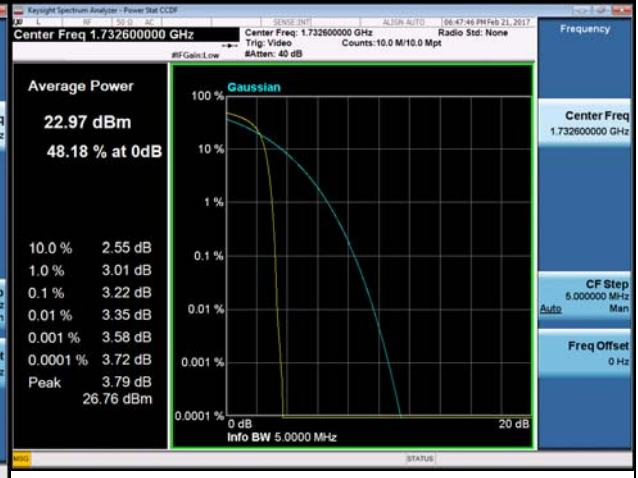


WCDMA Band 4 Spectrum Plot_HSUPA

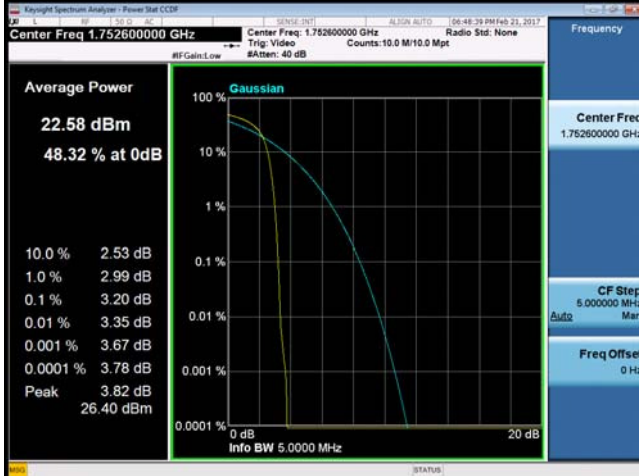
1312



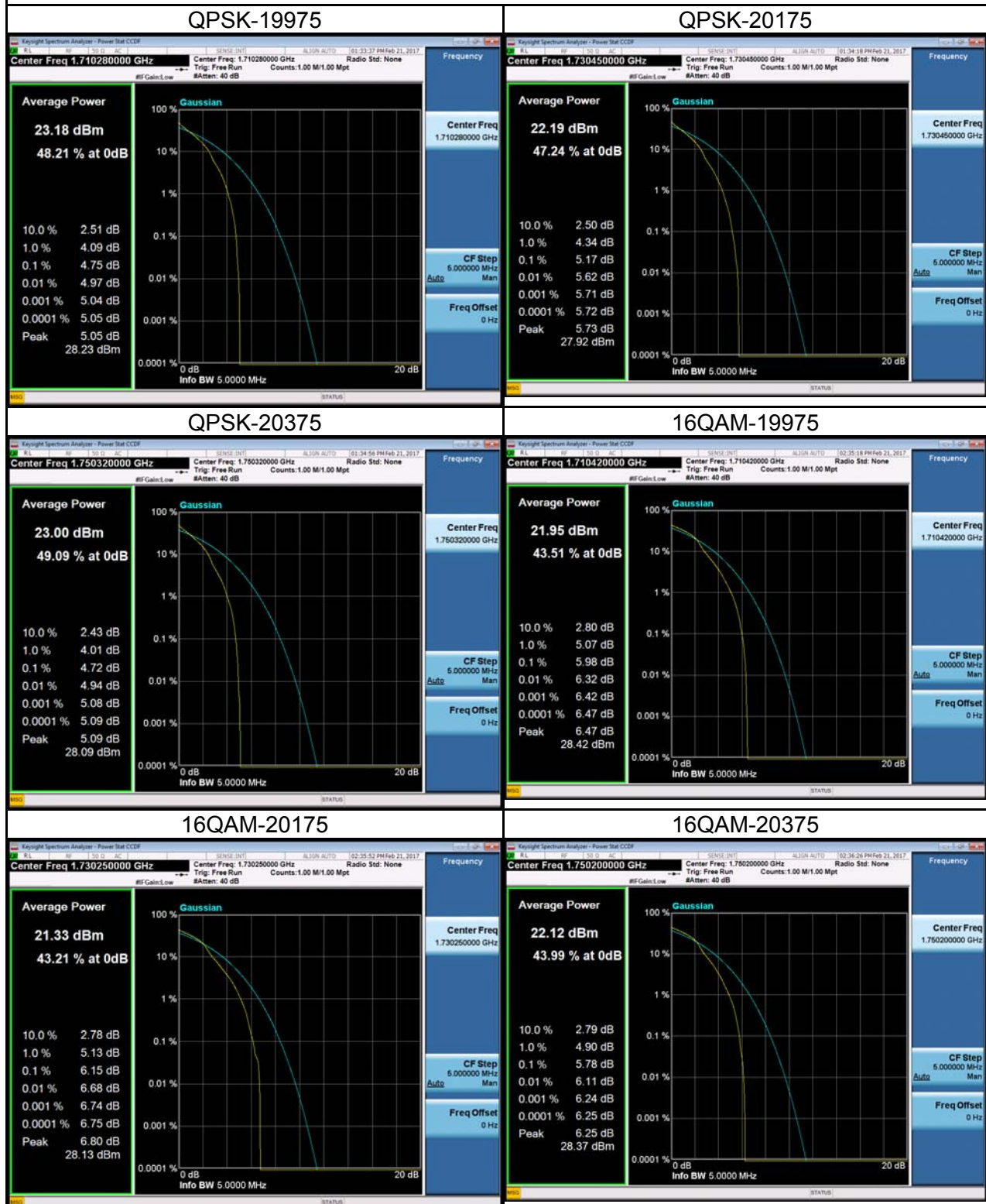
1413



1513

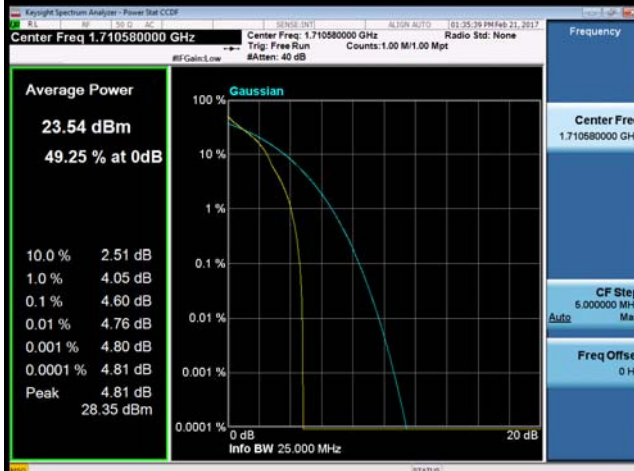


LTE Band 4 Spectrum Plot_5M



LTE Band 4 Spectrum Plot_10M

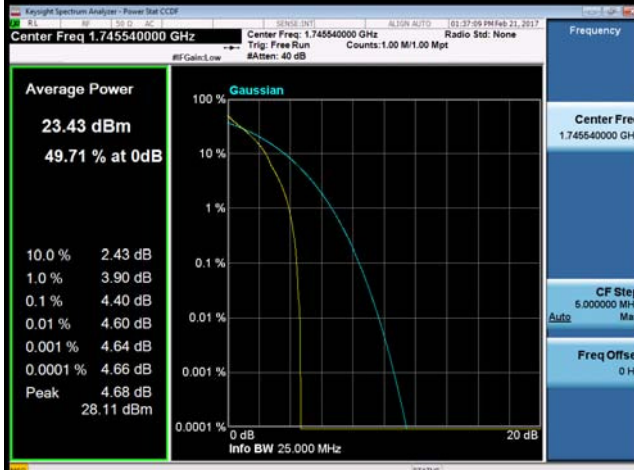
QPSK-20000



QPSK-20175



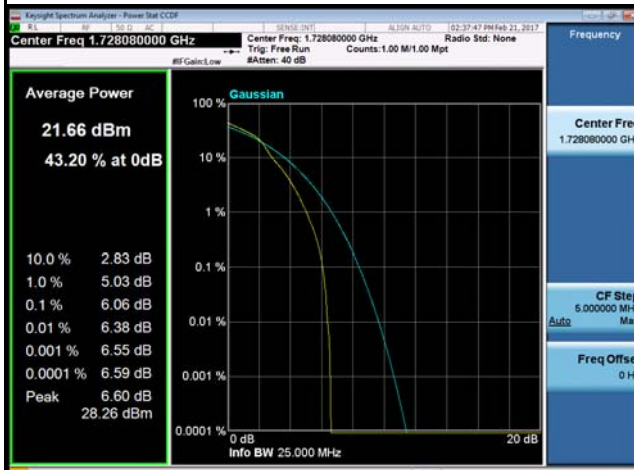
QPSK-20350



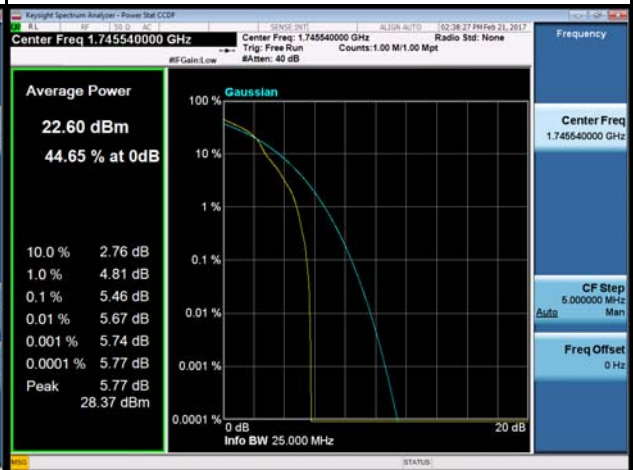
16QAM-20000



16QAM-20175

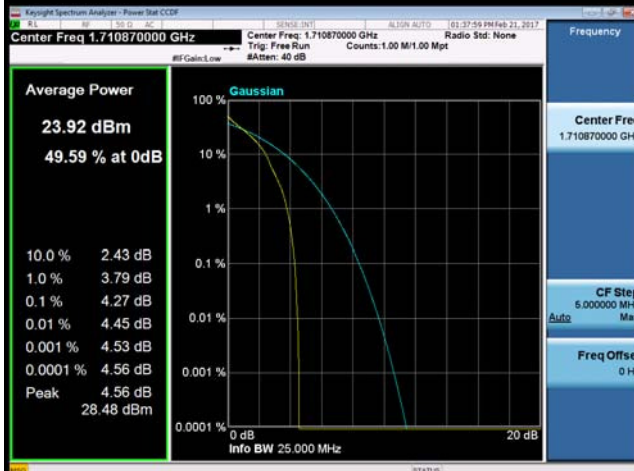


16QAM-20350



LTE Band 4 Spectrum Plot_15M

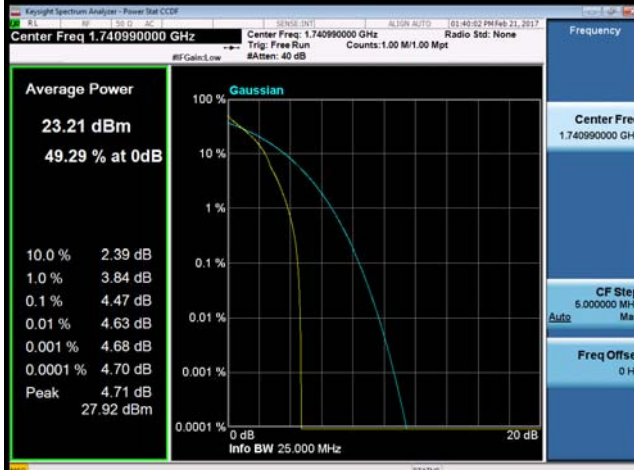
QPSK-20025



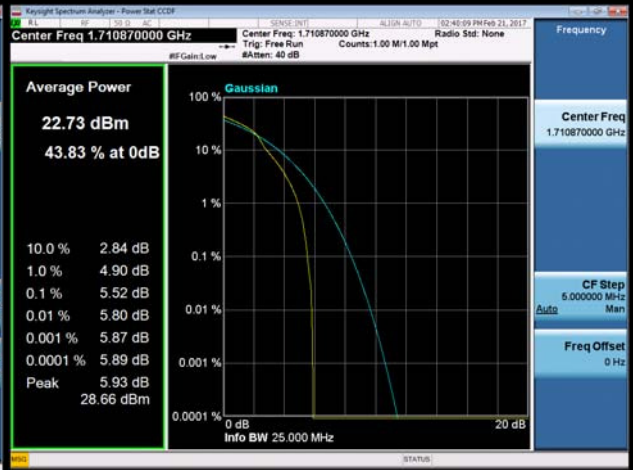
QPSK-20175



QPSK-20325



16QAM-20025



16QAM-20175

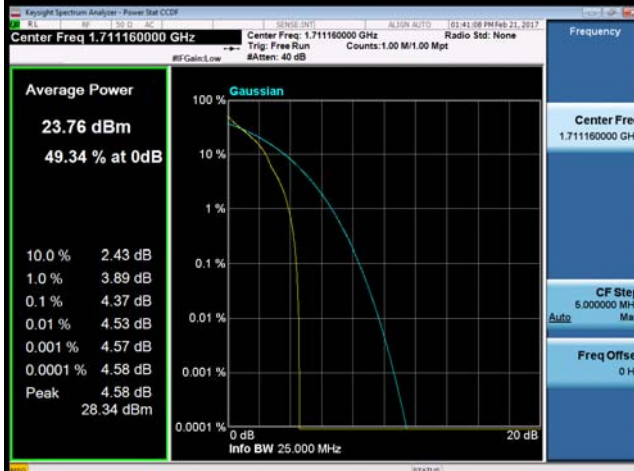


16QAM-20325



LTE Band 4 Spectrum Plot_20M

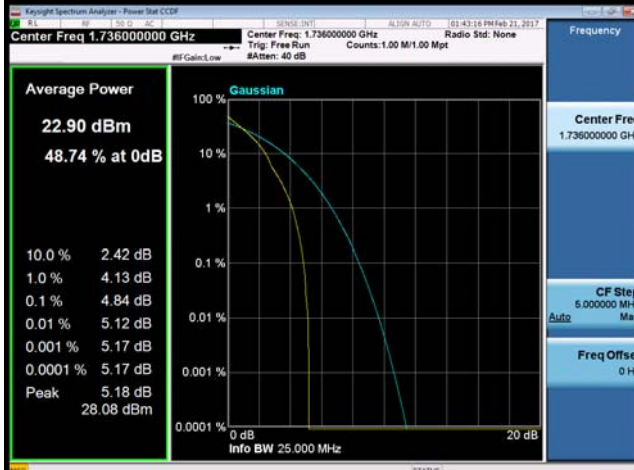
QPSK-20050



QPSK-20175



QPSK-20300



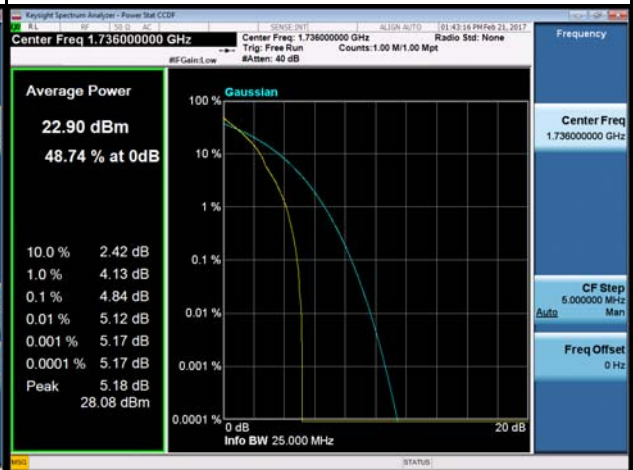
16QAM-20050



16QAM-20175

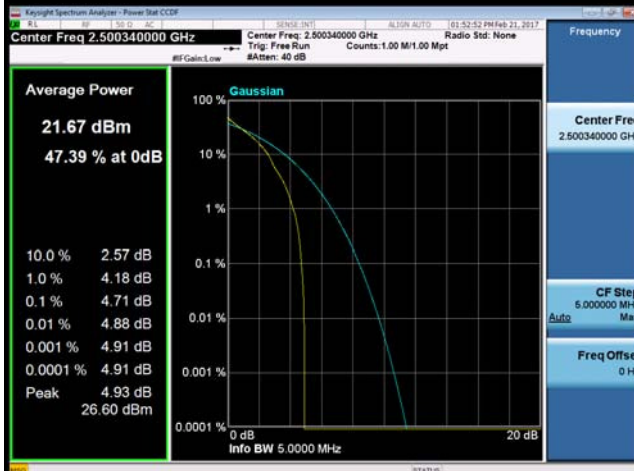


16QAM-20300



LTE Band 7 Spectrum Plot_5M

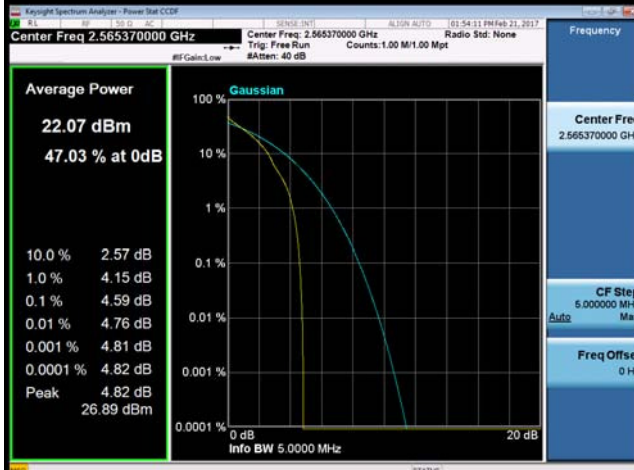
QPSK-20775



QPSK-21100



QPSK-21425



16QAM-20775



16QAM-21100

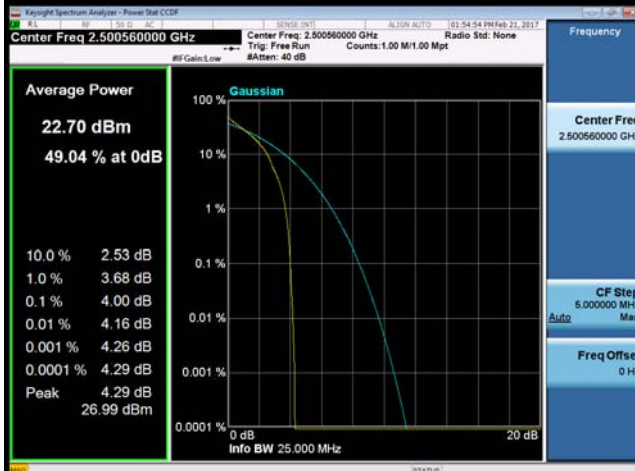


16QAM-21425



LTE Band 7 Spectrum Plot_10M

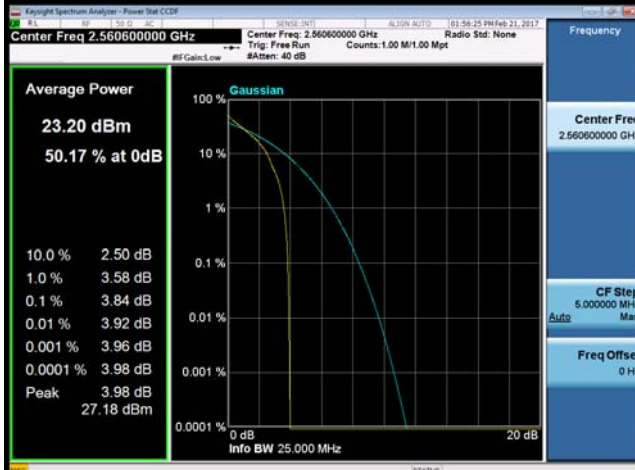
QPSK-20800



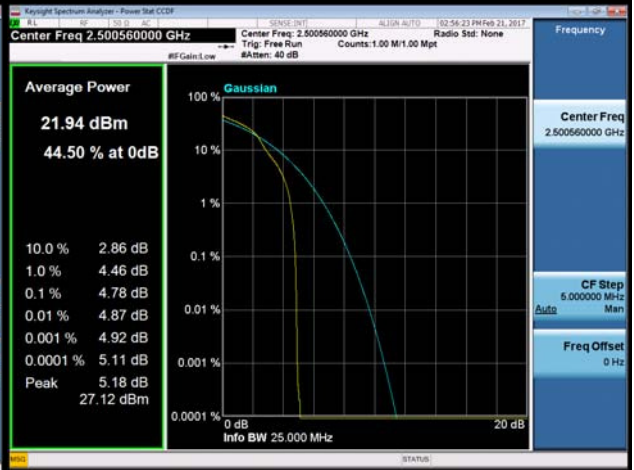
QPSK-21100



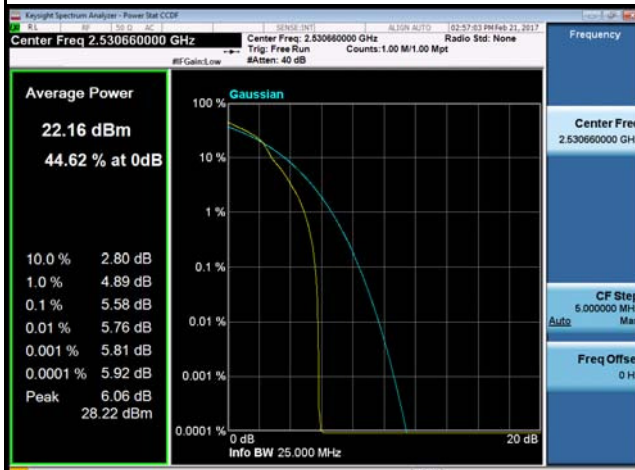
QPSK-21400



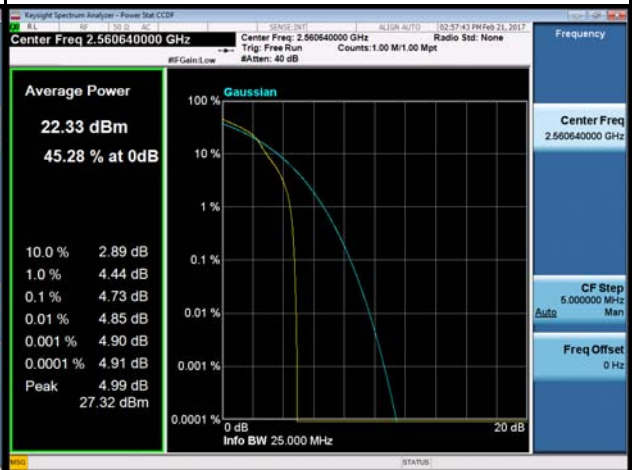
16QAM-20800



16QAM-21100

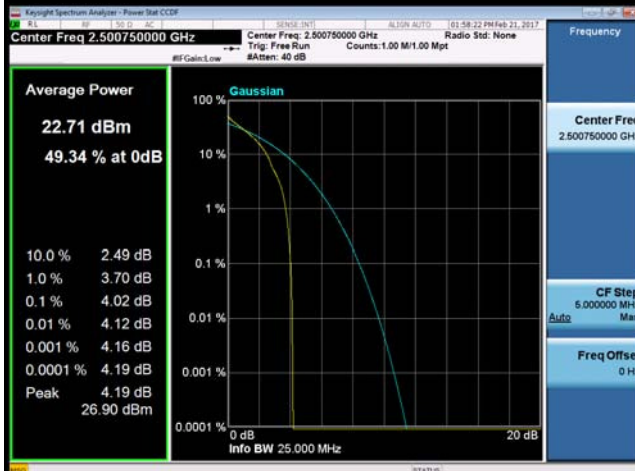


16QAM-21400



LTE Band 7 Spectrum Plot_15M

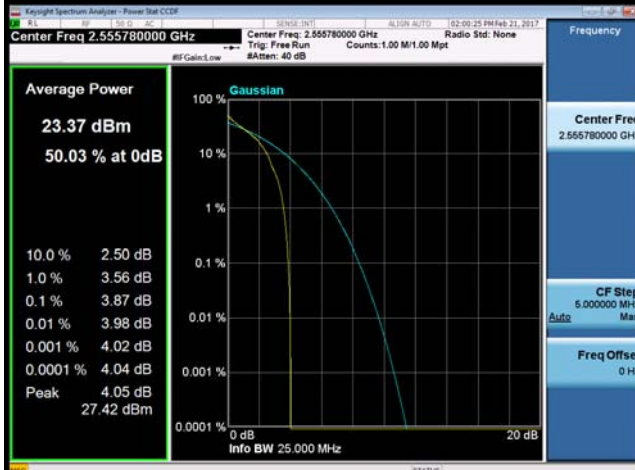
QPSK-20825



QPSK-21100



QPSK-21375



16QAM-20825



16QAM-21100

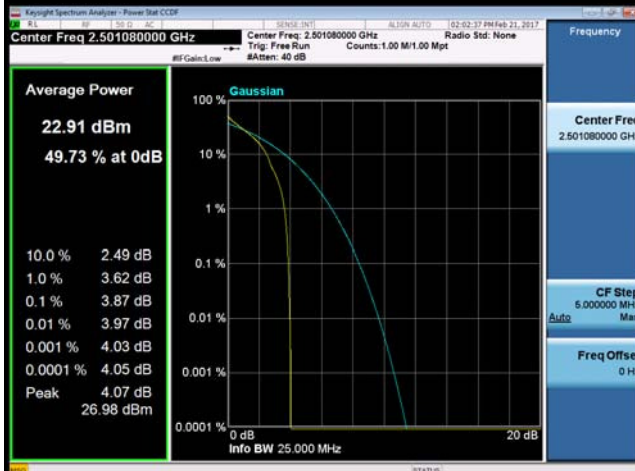


16QAM-21375



LTE Band 7 Spectrum Plot_20M

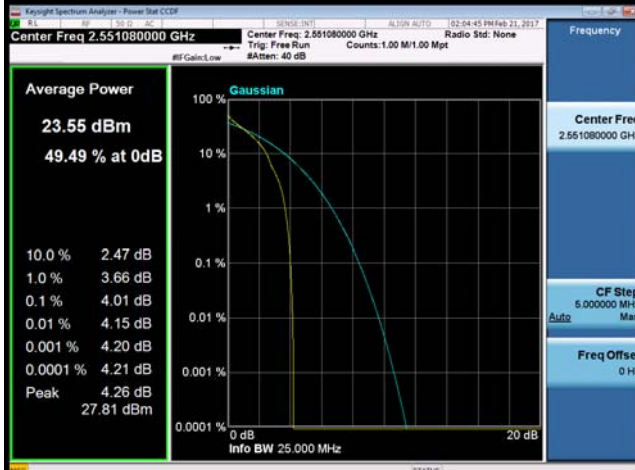
QPSK-20850



QPSK-21100



QPSK-21350



16QAM-20850



16QAM-21100

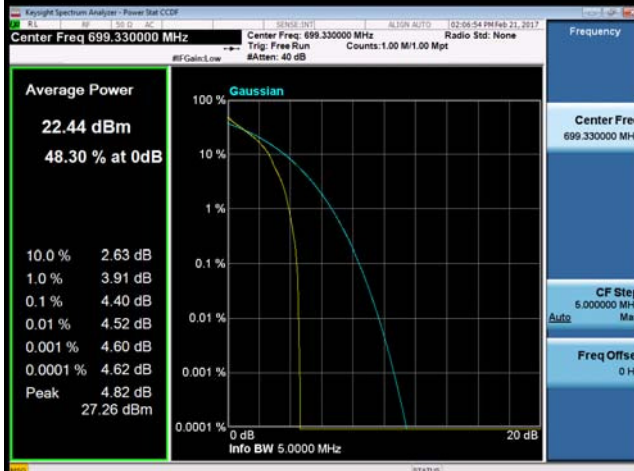


16QAM-21350



LTE Band 12 Spectrum Plot_5M

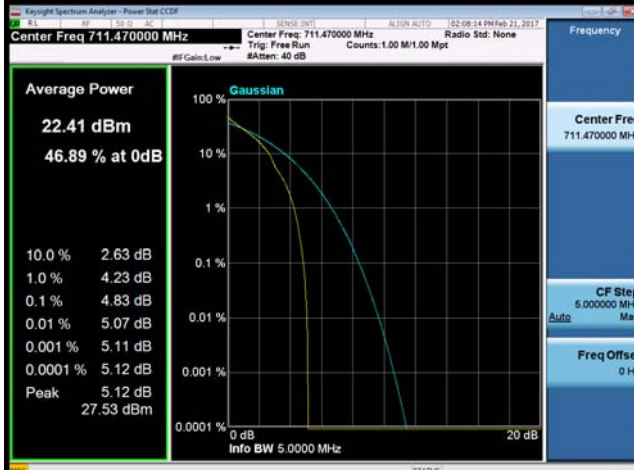
QPSK-23035



QPSK-23095



QPSK-23155



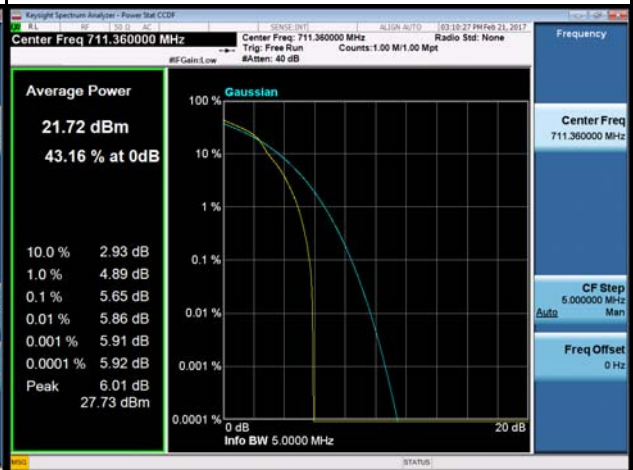
16QAM-23035



16QAM-23095

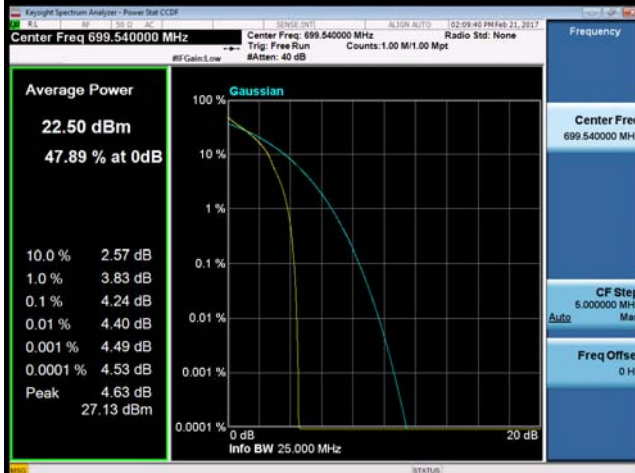


16QAM-23155

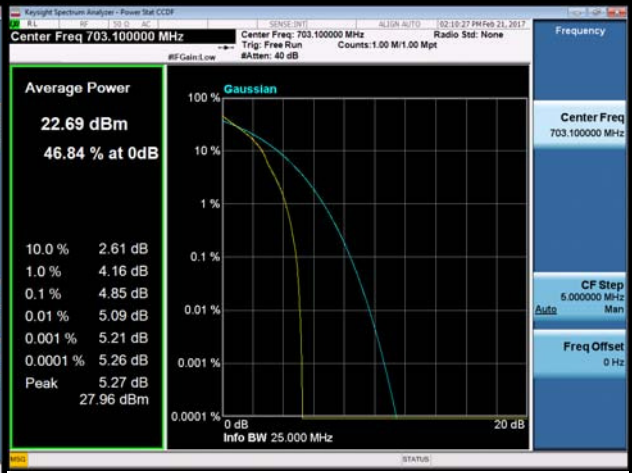


LTE Band 12 Spectrum Plot_10M

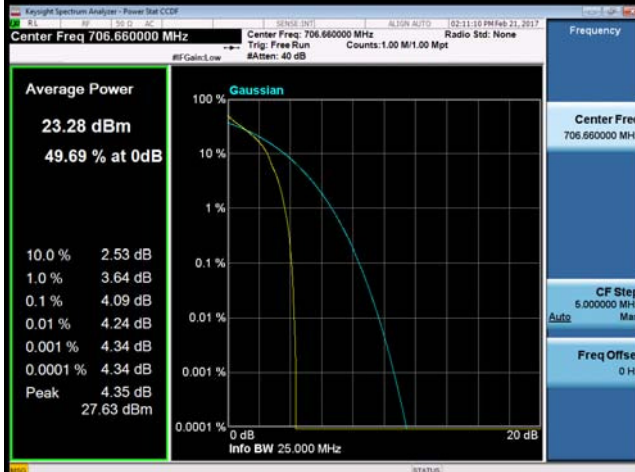
QPSK-22060



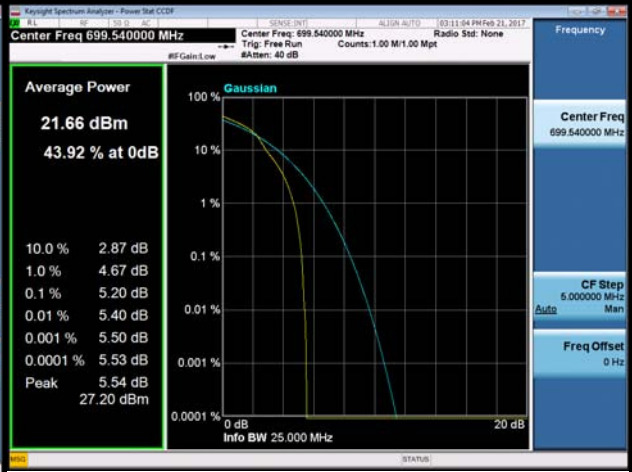
QPSK-20175



QPSK-23130



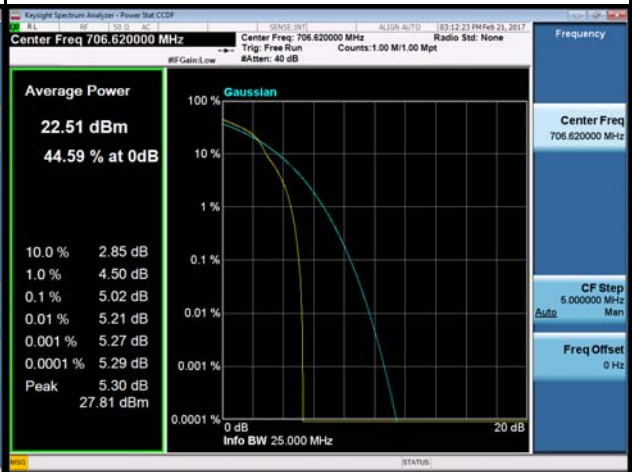
16QAM-22060



16QAM-20175

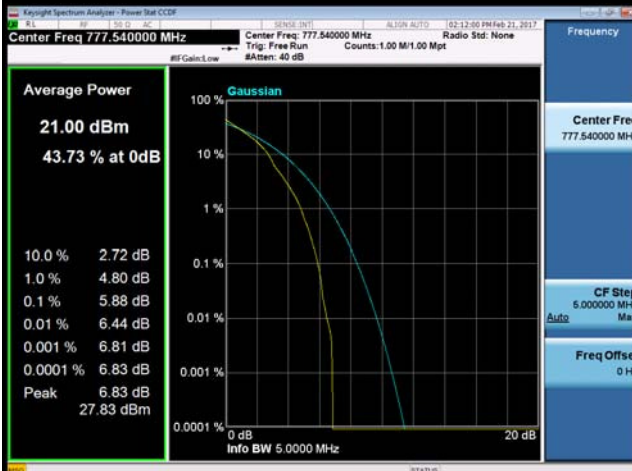


16QAM-23130

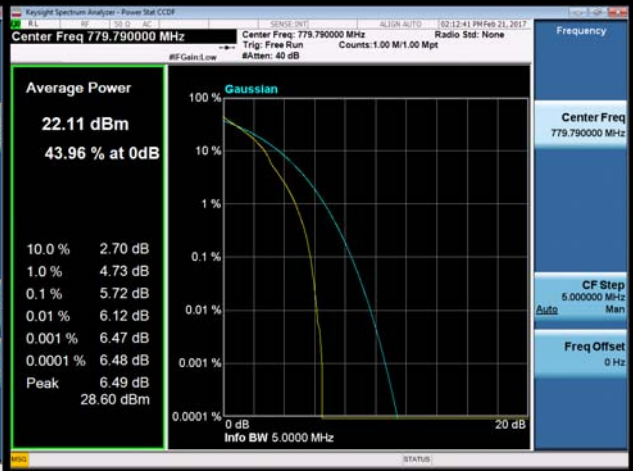


LTE Band 13 Spectrum Plot_5M

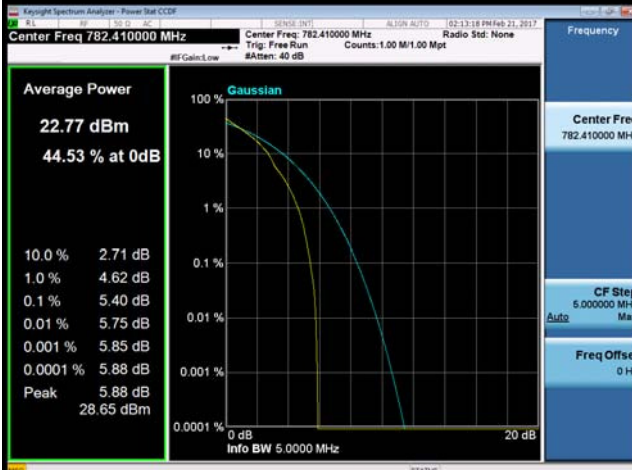
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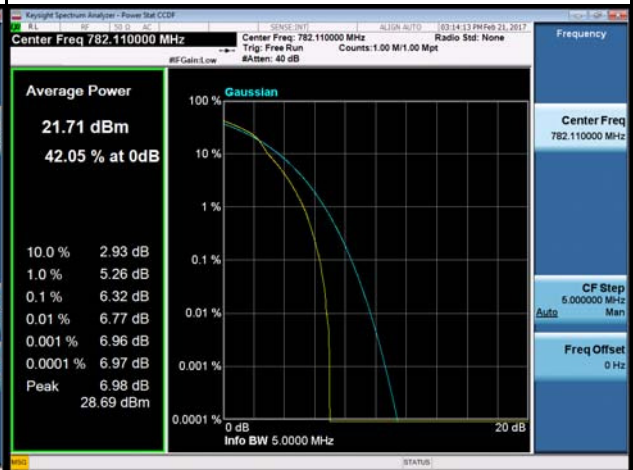
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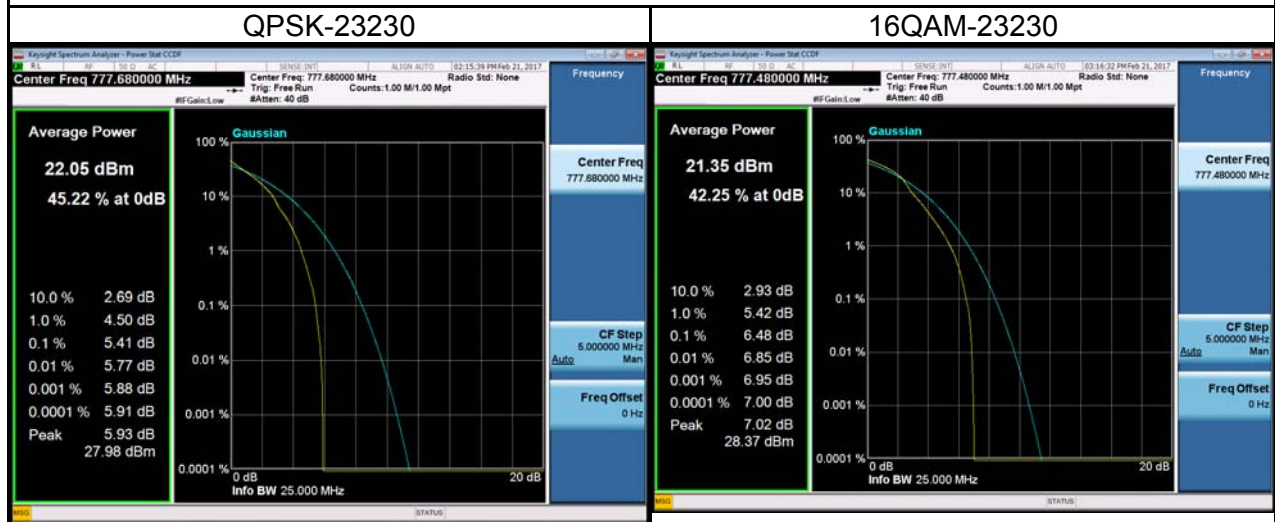
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16QAM-23255



LTE Band 13 Spectrum Plot_10M

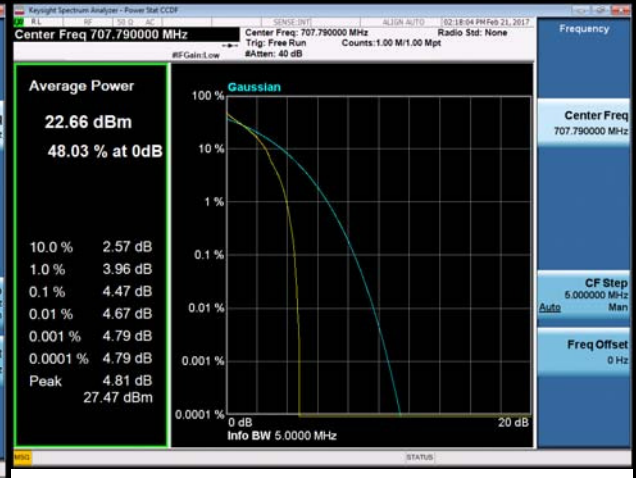


LTE Band 17 Spectrum Plot_5M

QPSK-23755



QPSK23790



QPSK-23825

16QAM-23755