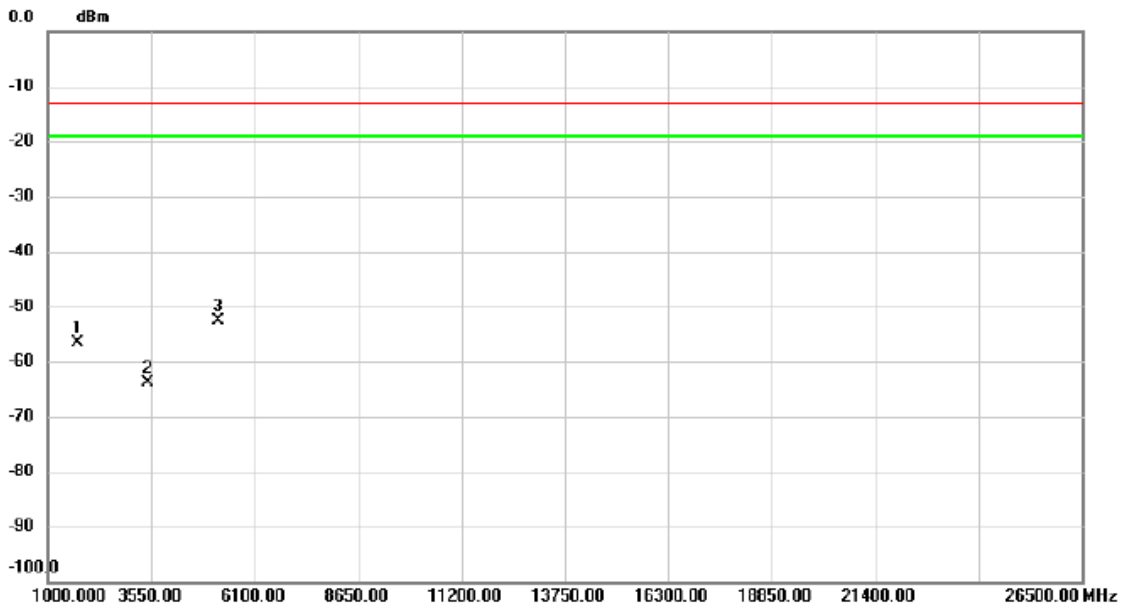


APPENDIX F - RADIATED EMISSION (ABOVE 1GHZ)

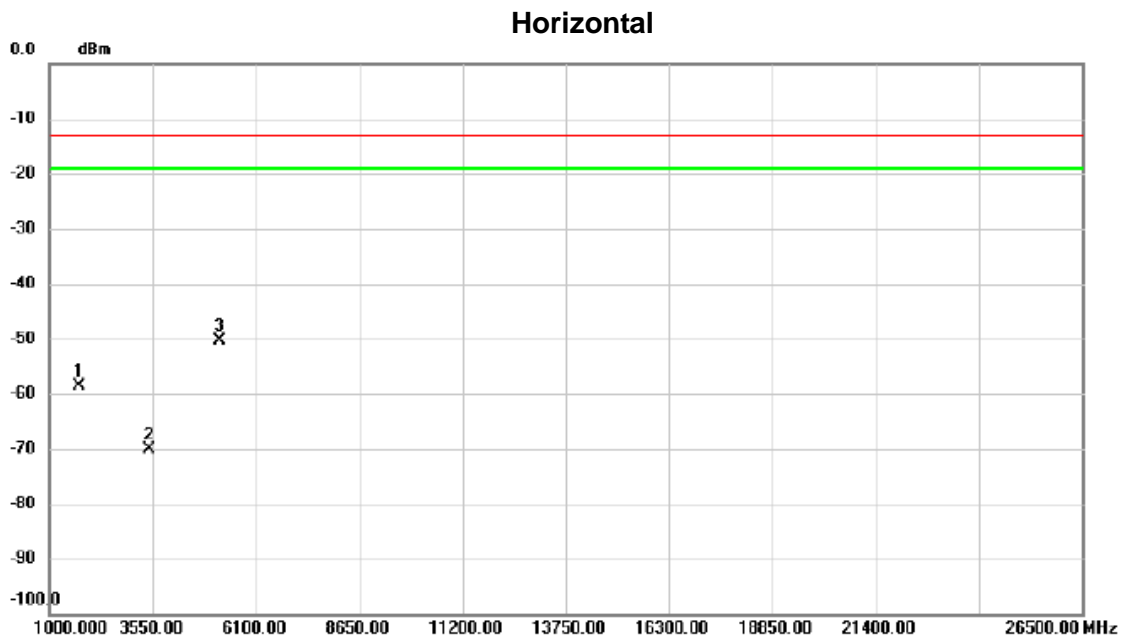
Test Mode: WCDMA Band IV _TX CH1413

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1734.100	-38.92	-17.66	-56.58	-13.00	-43.58	peak	
2		3463.900	-50.51	-13.39	-63.90	-13.00	-50.90	peak	
3	*	5194.300	-44.54	-8.04	-52.58	-13.00	-39.58	peak	

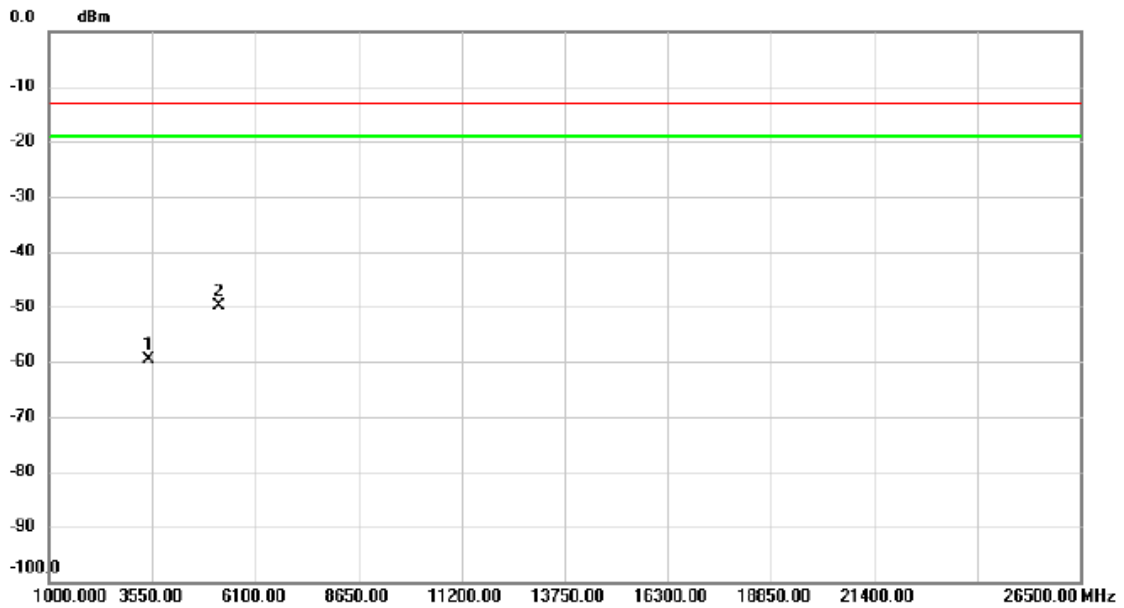
Test Mode: WCDMA Band IV _TX CH1413



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1734.100	-40.89	-17.66	-58.55	-13.00	-45.55	peak	
2		3466.900	-56.62	-13.39	-70.01	-13.00	-57.01	peak	
3	*	5200.300	-42.35	-8.04	-50.39	-13.00	-37.39	peak	

Test Mode: LTE Band 4_TX CH20175_1.4M

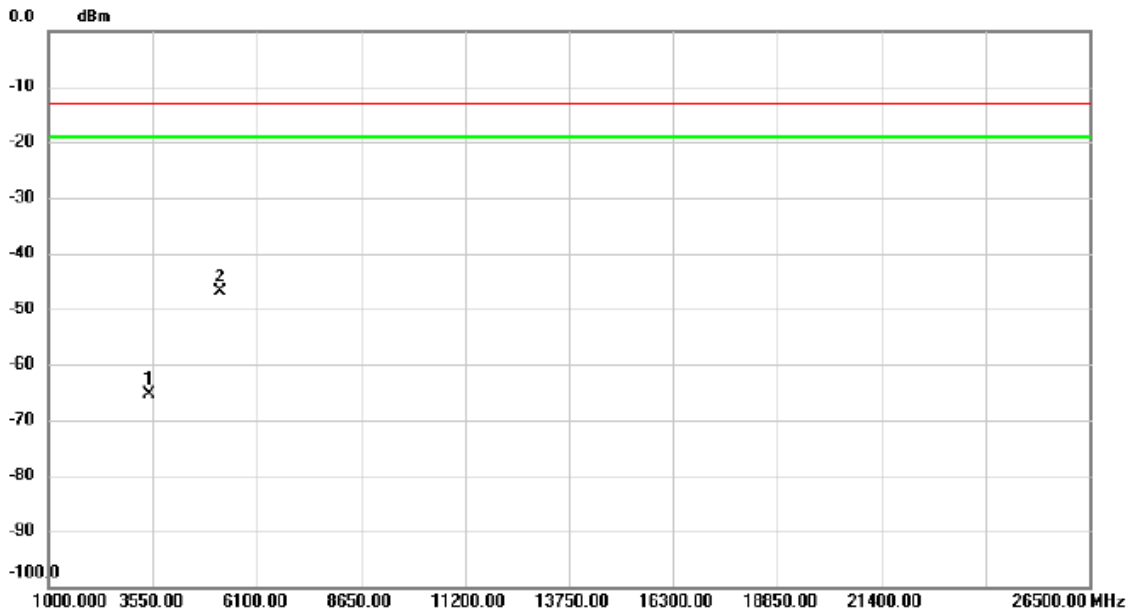
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3464.150	-46.18	-13.39	-59.57	-13.00	-46.57	peak	
2	*	5196.450	-41.83	-8.04	-49.87	-13.00	-36.87	peak	

Test Mode: LTE Band 4_TX CH20175_1.4M

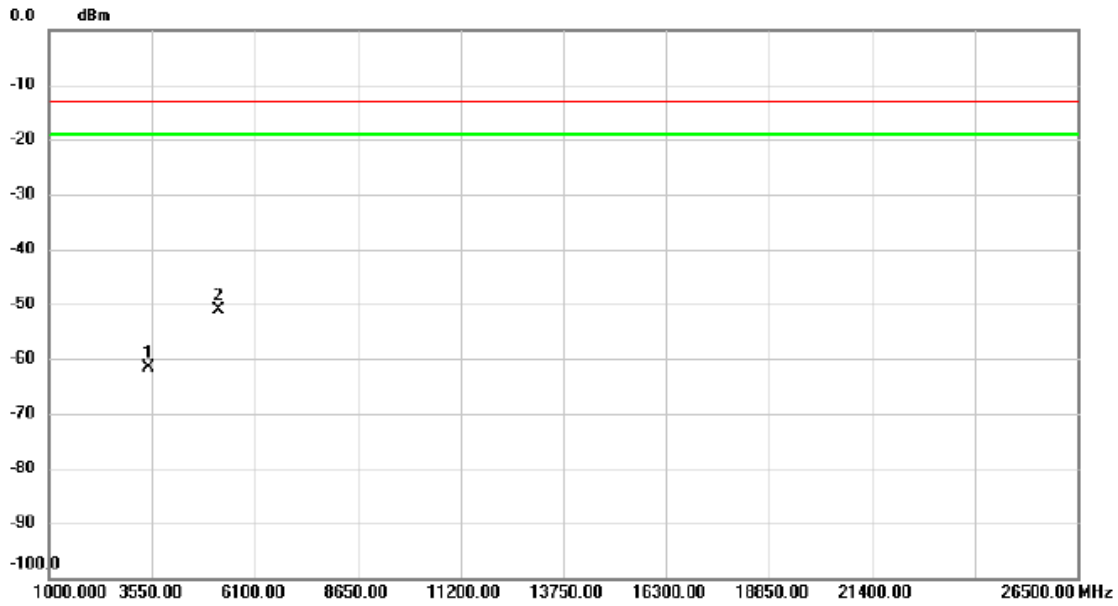
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3464.150	-52.00	-13.39	-65.39	-13.00	-52.39	peak	
2	*	5196.450	-38.78	-8.04	-46.82	-13.00	-33.82	peak	

Test Mode: LTE Band 4_TX CH20175_5M

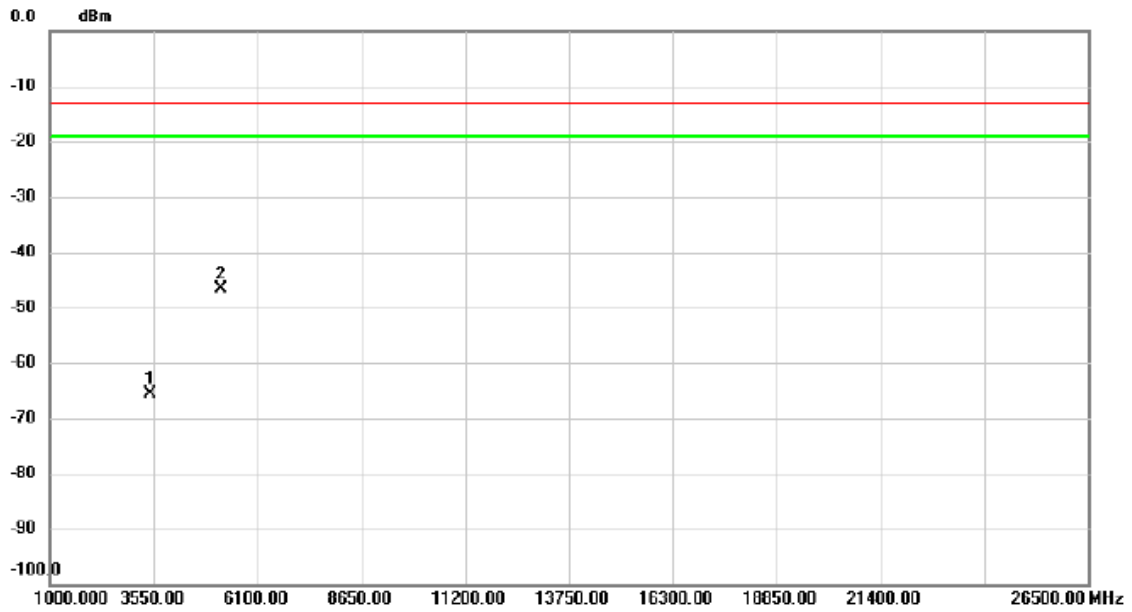
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3460.750	-48.28	-13.40	-61.68	-13.00	-48.68	peak	
2	*	5191.350	-43.11	-8.06	-51.17	-13.00	-38.17	peak	

Test Mode: LTE Band 4_TX CH20175_5M

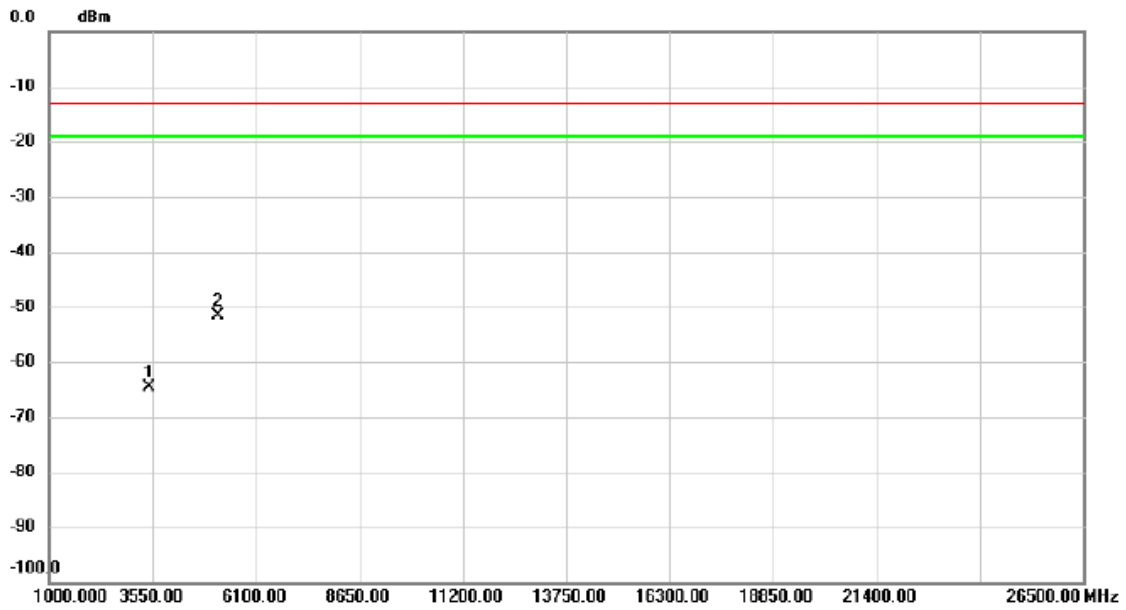
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3460.750	-52.27	-13.40	-65.67	-13.00	-52.67	peak	
2	*	5191.350	-38.68	-8.06	-46.74	-13.00	-33.74	peak	

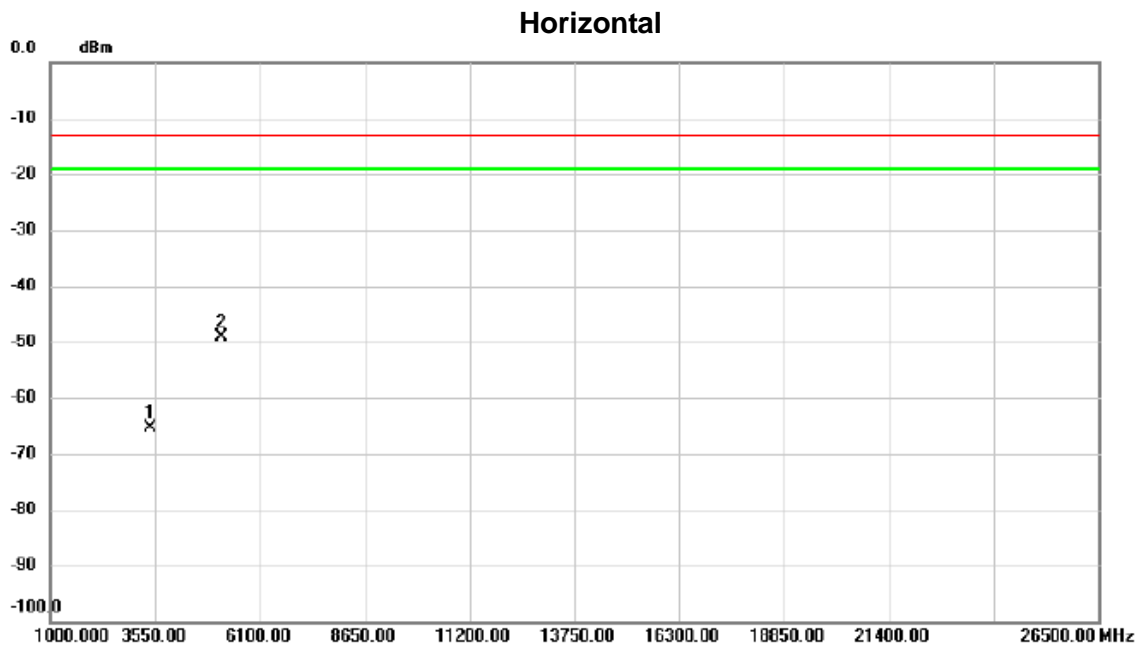
Test Mode: LTE Band 4_TX CH20175_20M

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3448.000	-51.33	-13.41	-64.74	-13.00	-51.74	peak	
2	*	5170.950	-43.43	-8.09	-51.52	-13.00	-38.52	peak	

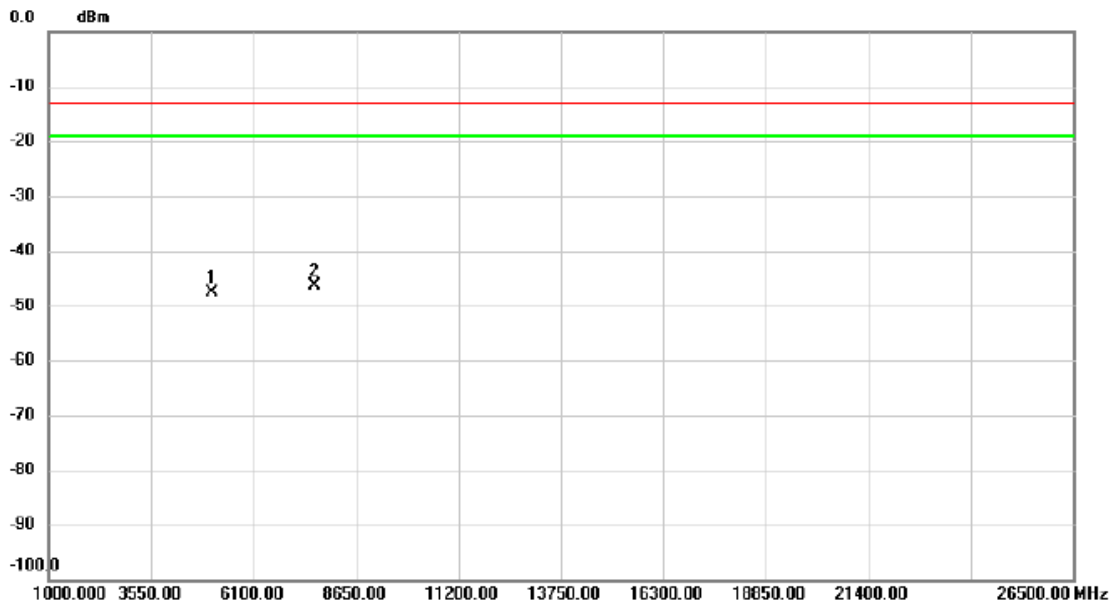
Test Mode: LTE Band 4_TX CH20175_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3447.150	-52.02	-13.41	-65.43	-13.00	-52.43	peak	
2	*	5170.950	-41.15	-8.09	-49.24	-13.00	-36.24	peak	

Test Mode: LTE Band 7_TX CH21100_5M

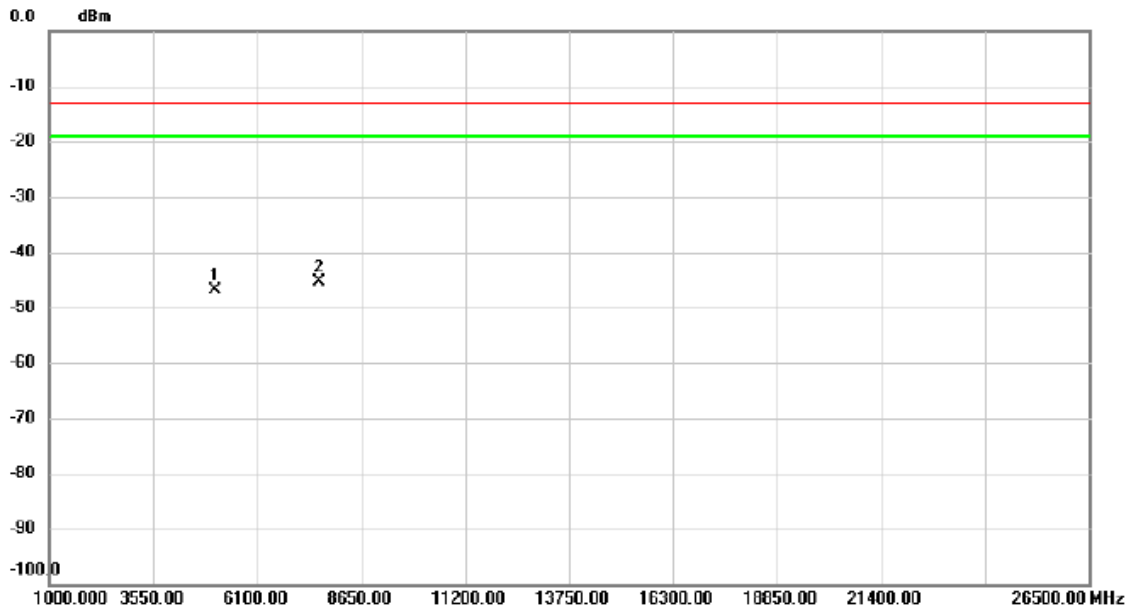
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5065.550	-39.48	-8.22	-47.70	-13.00	-34.70	peak	
2	*	7598.550	-44.78	-1.65	-46.43	-13.00	-33.43	peak	

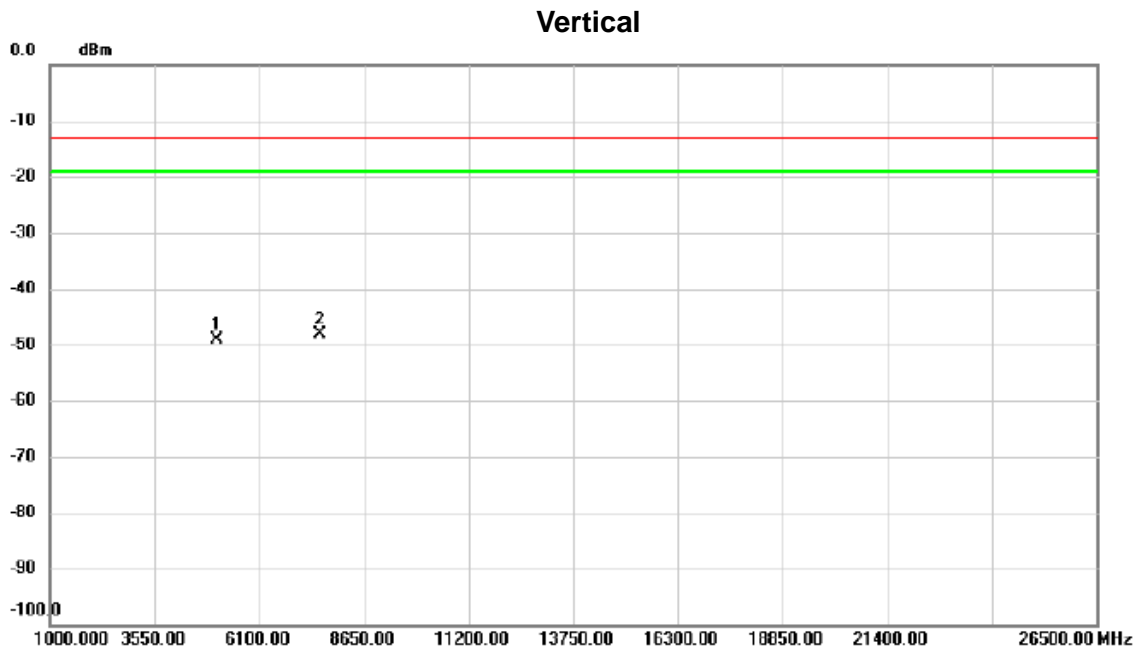
Test Mode: LTE Band 7_TX CH21100_5M

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5065.550	-38.55	-8.22	-46.77	-13.00	-33.77	peak	
2	*	7598.550	-43.74	-1.65	-45.39	-13.00	-32.39	peak	

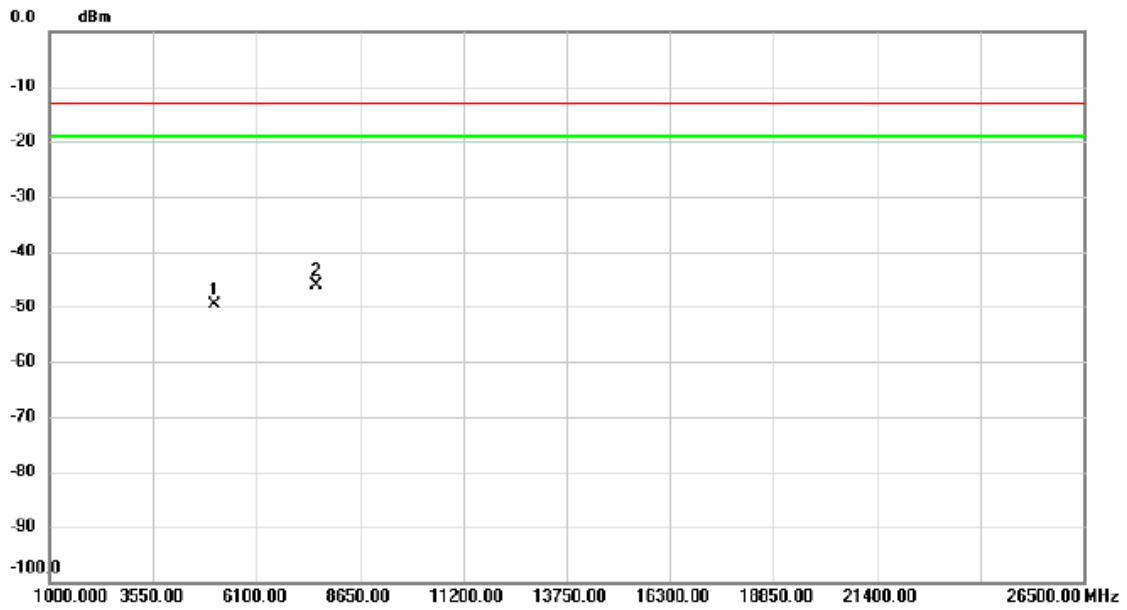
Test Mode: LTE Band 7_TX CH21100_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5052.800	-40.85	-8.24	-49.09	-13.00	-36.09	peak	
2	*	7578.150	-46.36	-1.66	-48.02	-13.00	-35.02	peak	

Test Mode: LTE Band 7_TX CH21100_20M

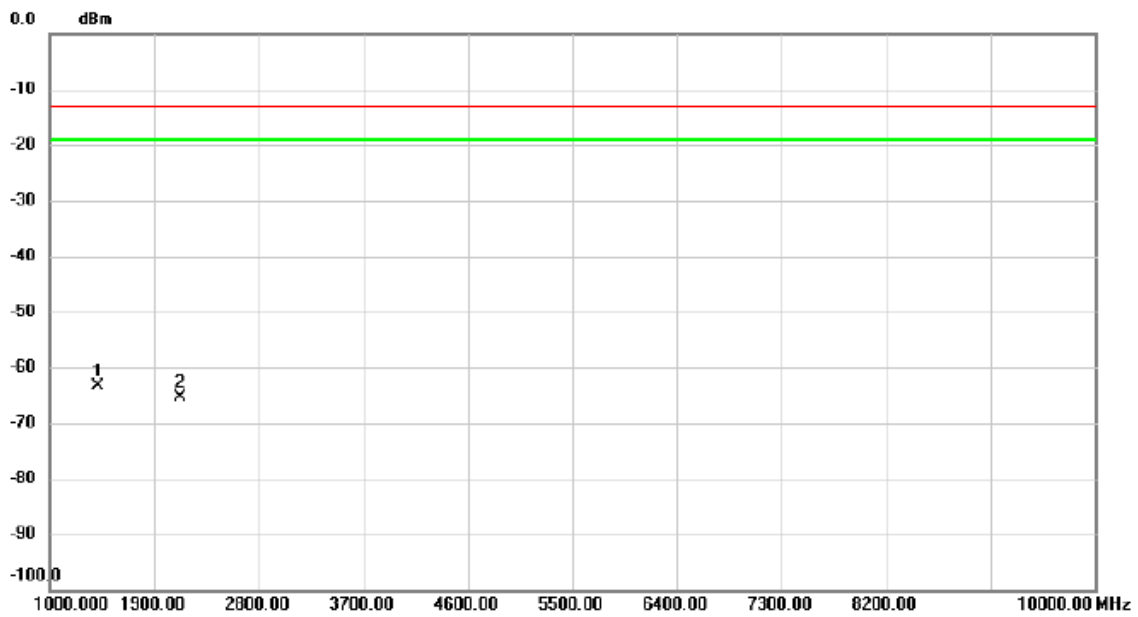
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5051.950	-41.49	-8.24	-49.73	-13.00	-36.73	peak	
2	*	7578.150	-44.35	-1.66	-46.01	-13.00	-33.01	peak	

Test Mode: LTE Band 12_TX CH23095_1.4M

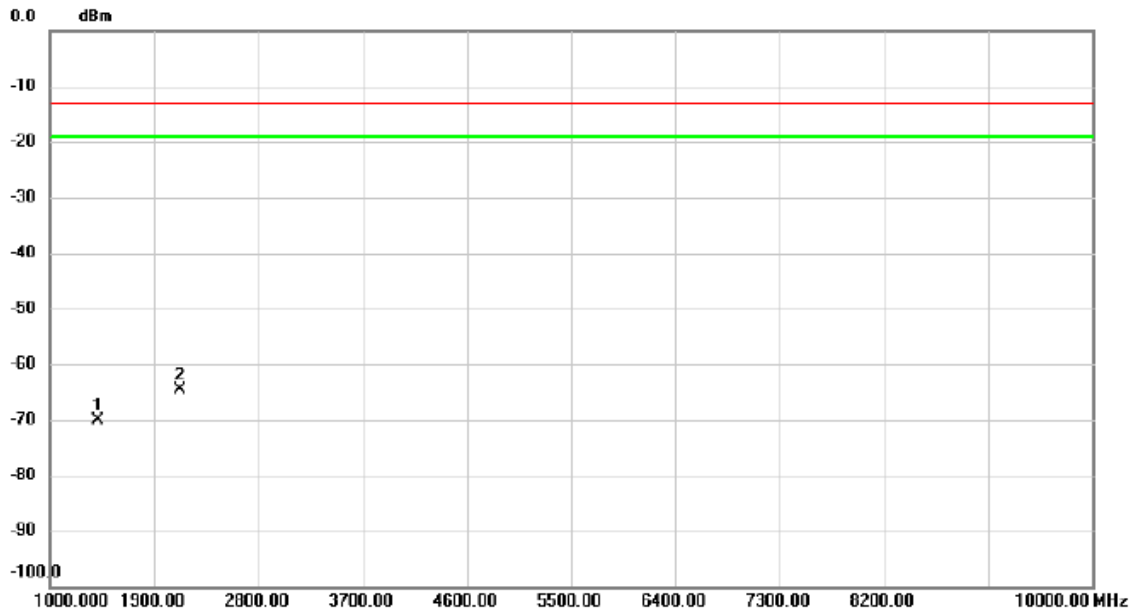
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1414.300	-44.48	-18.93	-63.41	-13.00	-50.41	peak	
2		2121.400	-49.02	-16.26	-65.28	-13.00	-52.28	peak	

Test Mode: LTE Band 12_TX CH23095_1.4M

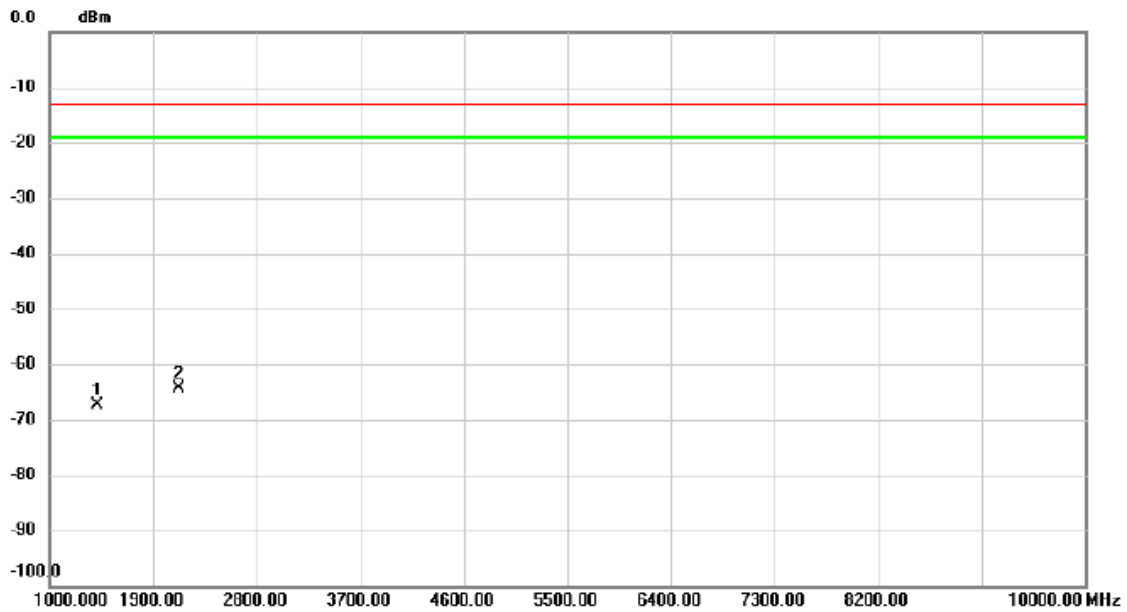
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1414.000	-51.21	-18.93	-70.14	-13.00	-57.14	peak	
2	*	2121.100	-48.45	-16.26	-64.71	-13.00	-51.71	peak	

Test Mode: LTE Band 12_TX CH23095_5M

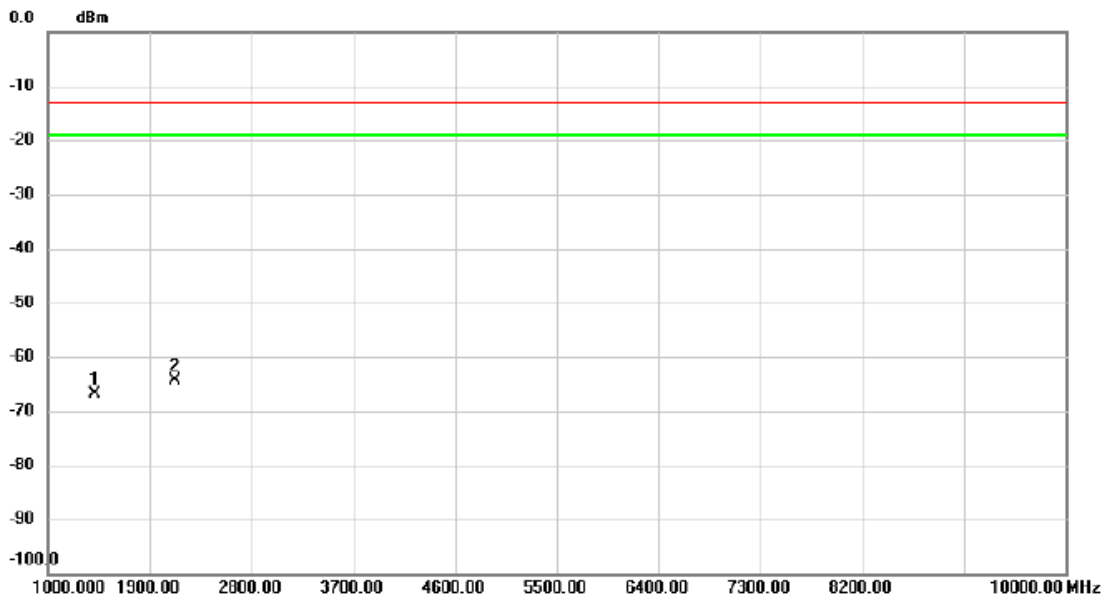
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1411.000	-48.53	-18.94	-67.47	-13.00	-54.47	peak	
2	*	2116.300	-48.08	-16.27	-64.35	-13.00	-51.35	peak	

Test Mode: LTE Band 12_TX CH23095_5M

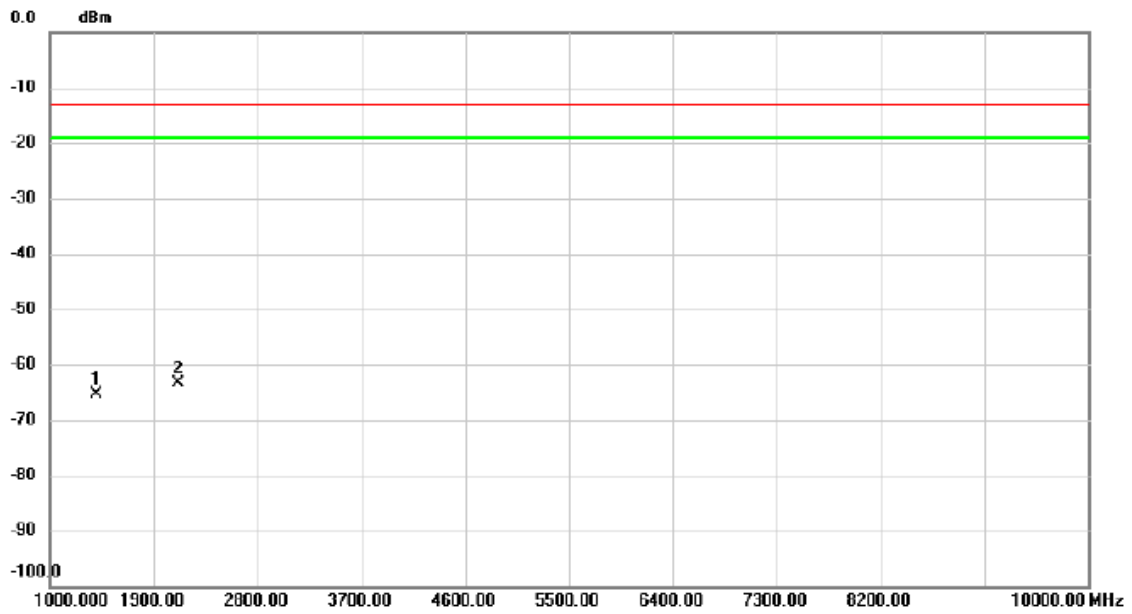
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1411.000	-47.97	-18.94	-66.91	-13.00	-53.91	peak	
2	*	2116.300	-48.19	-16.27	-64.46	-13.00	-51.46	peak	

Test Mode: LTE Band 12_TX CH23095_10M

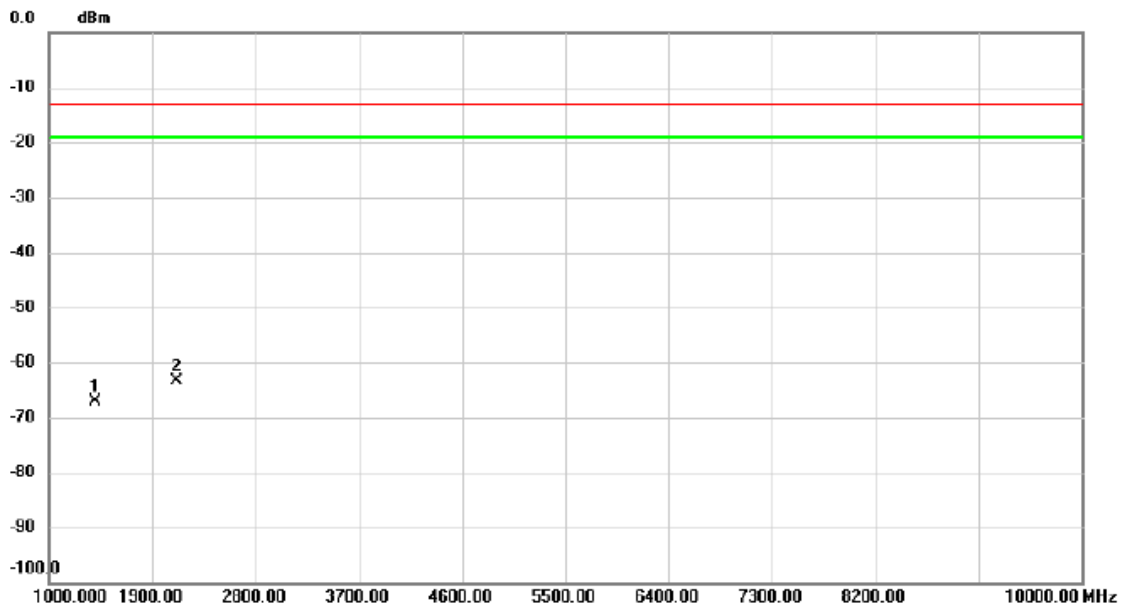
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1406.500	-46.42	-18.96	-65.38	-13.00	-52.38	peak	
2	*	2109.400	-47.14	-16.28	-63.42	-13.00	-50.42	peak	

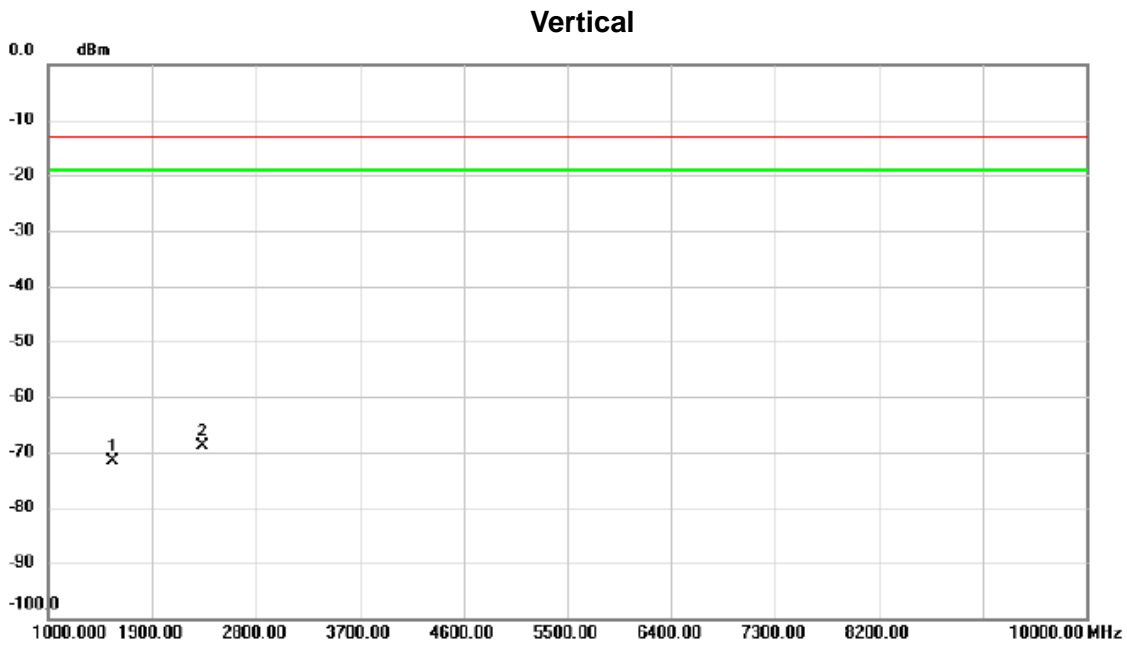
Test Mode: LTE Band 12_TX CH23095_10M

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1406.200	-48.06	-18.96	-67.02	-13.00	-54.02	peak	
2	*	2109.400	-47.21	-16.28	-63.49	-13.00	-50.49	peak	

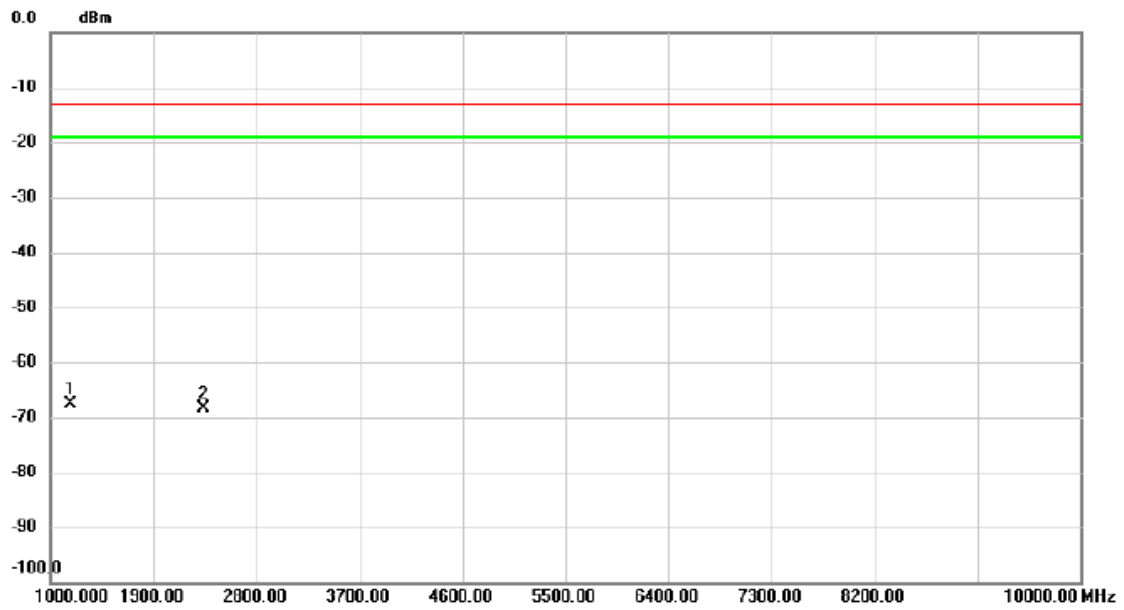
Test Mode: LTE Band 13_TX CH23230_5M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1559.800	-53.23	-18.37	-71.60	-13.00	-58.60	peak	
2	*	2339.800	-53.36	-15.63	-68.99	-13.00	-55.99	peak	

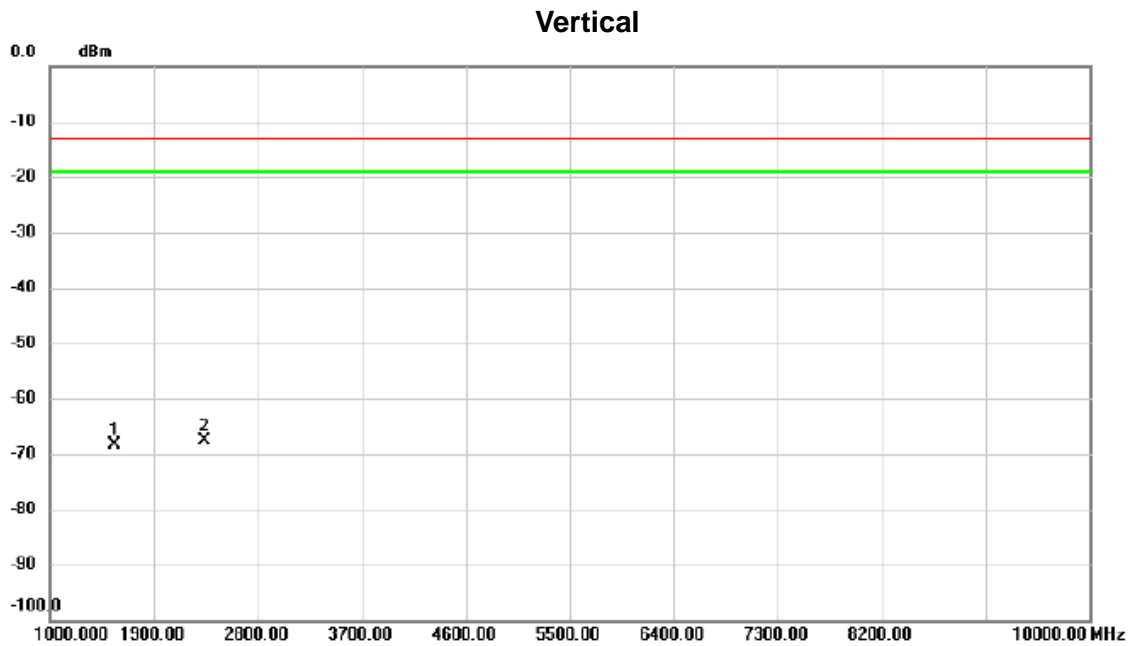
Test Mode: LTE Band 13_TX CH23230_5M

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1169.800	-47.85	-19.85	-67.70	-13.00	-54.70	peak	
2		2339.800	-52.71	-15.63	-68.34	-13.00	-55.34	peak	

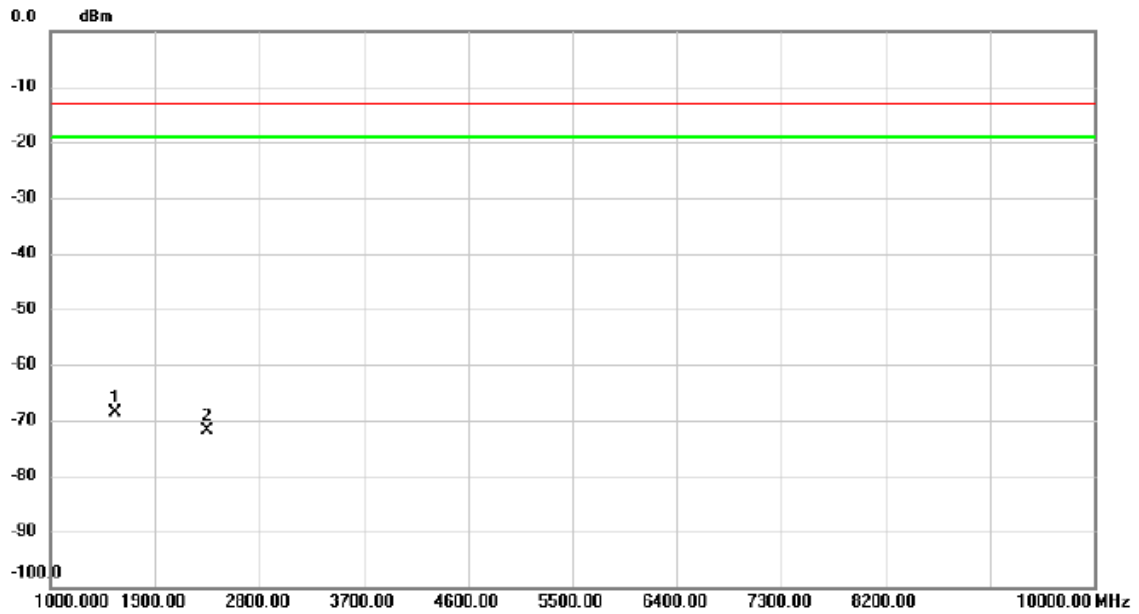
Test Mode: LTE Band 13_TX CH23230_10M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1555.300	-49.87	-18.38	-68.25	-13.00	-55.25	peak	
2	*	2332.900	-52.05	-15.65	-67.70	-13.00	-54.70	peak	

Test Mode: LTE Band 13_TX CH23230_10M

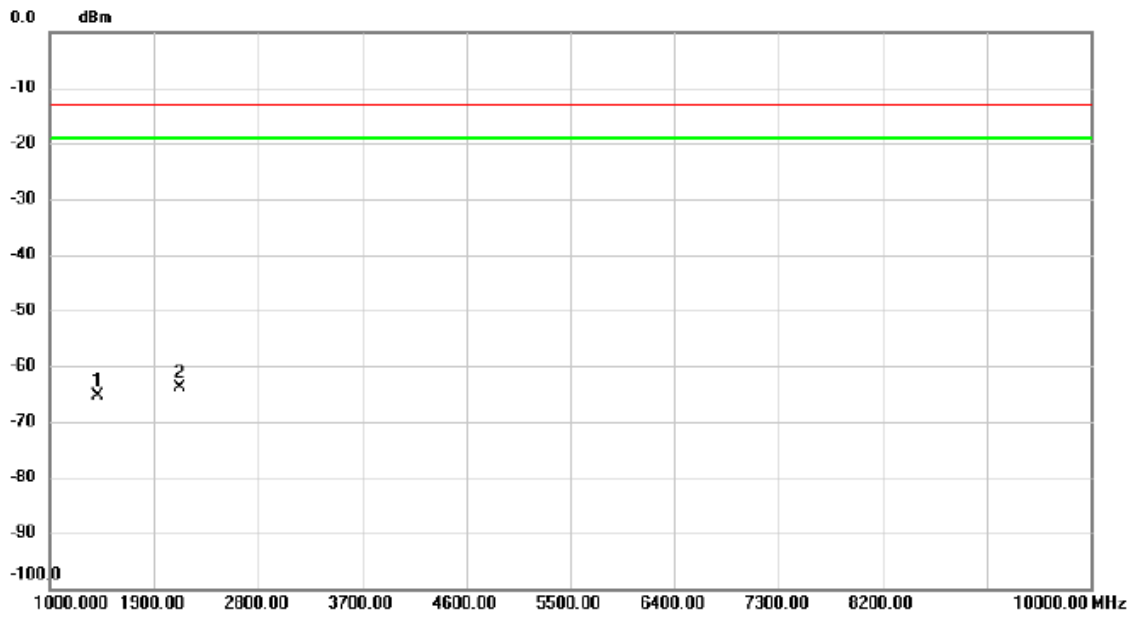
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1555.600	-50.26	-18.38	-68.64	-13.00	-55.64	peak	
2		2346.000	-56.21	-15.61	-71.82	-13.00	-58.82	peak	

Test Mode: LTE Band 17_TX CH23790_5M

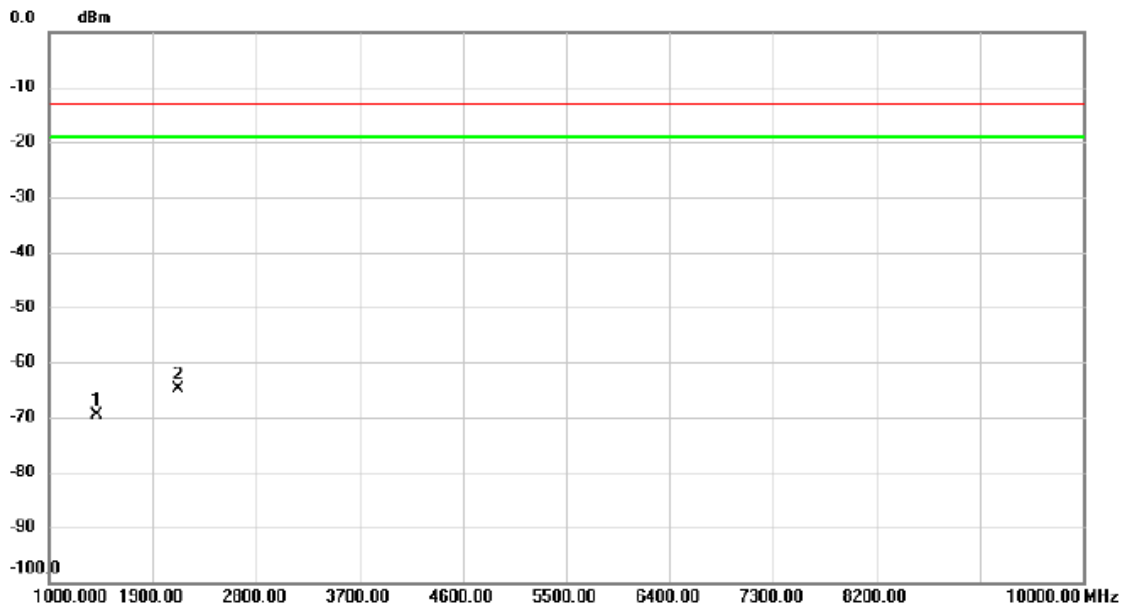
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1415.800	-46.50	-18.93	-65.43	-13.00	-52.43	peak	
2	*	2123.800	-47.64	-16.25	-63.89	-13.00	-50.89	peak	

Test Mode: LTE Band 17_TX CH23790_5M

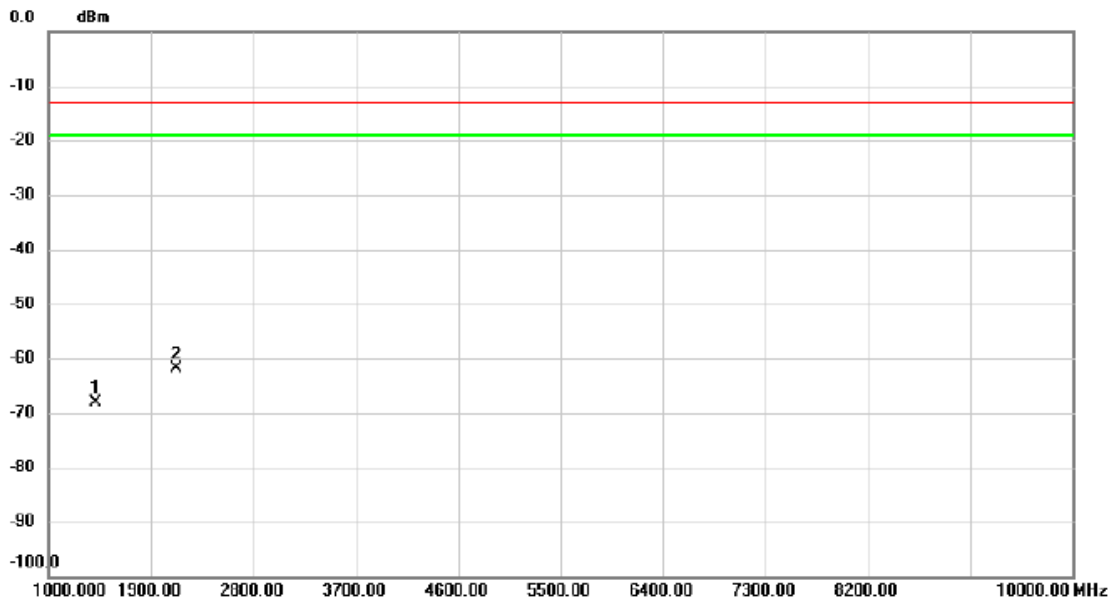
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1416.100	-50.64	-18.92	-69.56	-13.00	-56.56	peak	
2	*	2124.100	-48.67	-16.25	-64.92	-13.00	-51.92	peak	

Test Mode: LTE Band 17_TX CH23790_10M

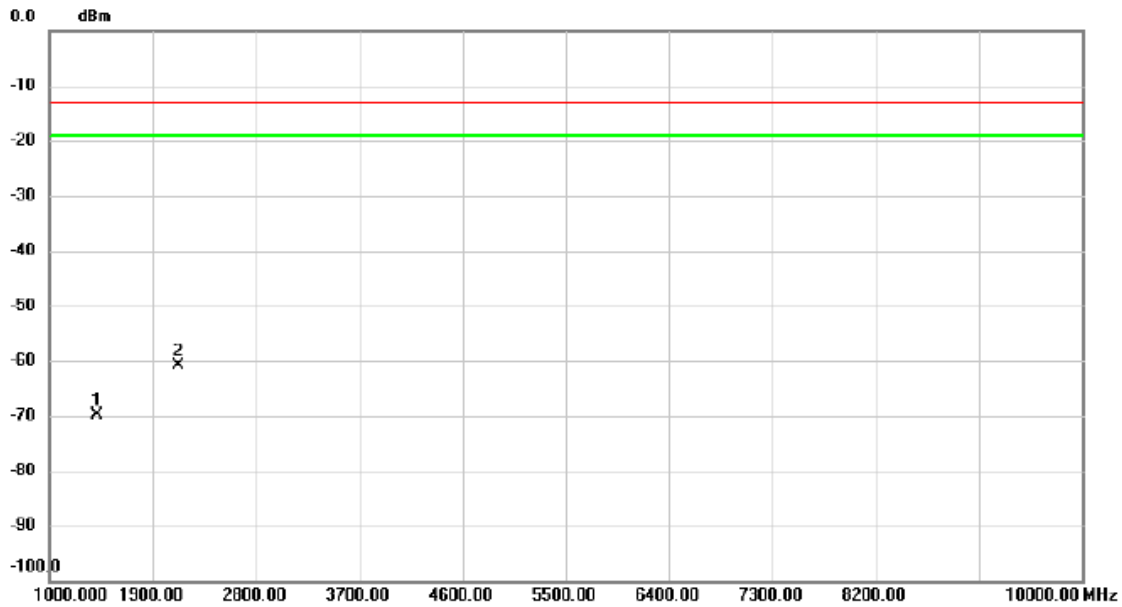
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1411.300	-49.24	-18.94	-68.18	-13.00	-55.18	peak	
2	*	2116.900	-45.70	-16.27	-61.97	-13.00	-48.97	peak	

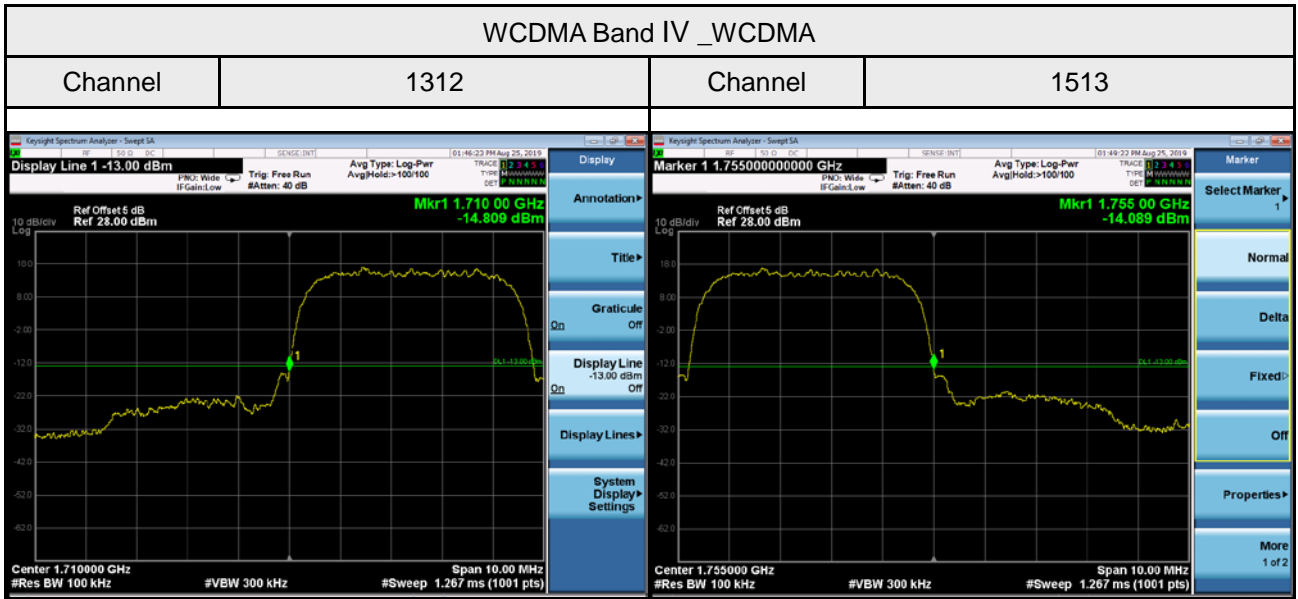
Test Mode: LTE Band 17_TX CH23790_10M

Horizontal



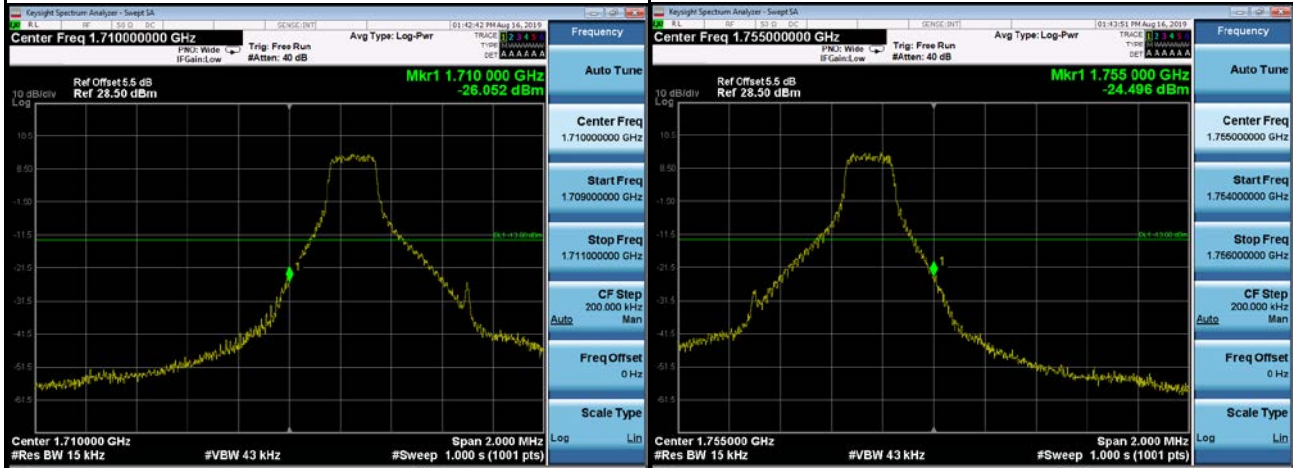
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1411.300	-50.98	-18.94	-69.92	-13.00	-56.92	peak	
2	*	2116.600	-44.69	-16.27	-60.96	-13.00	-47.96	peak	

APPENDIX G - BAND EDGE



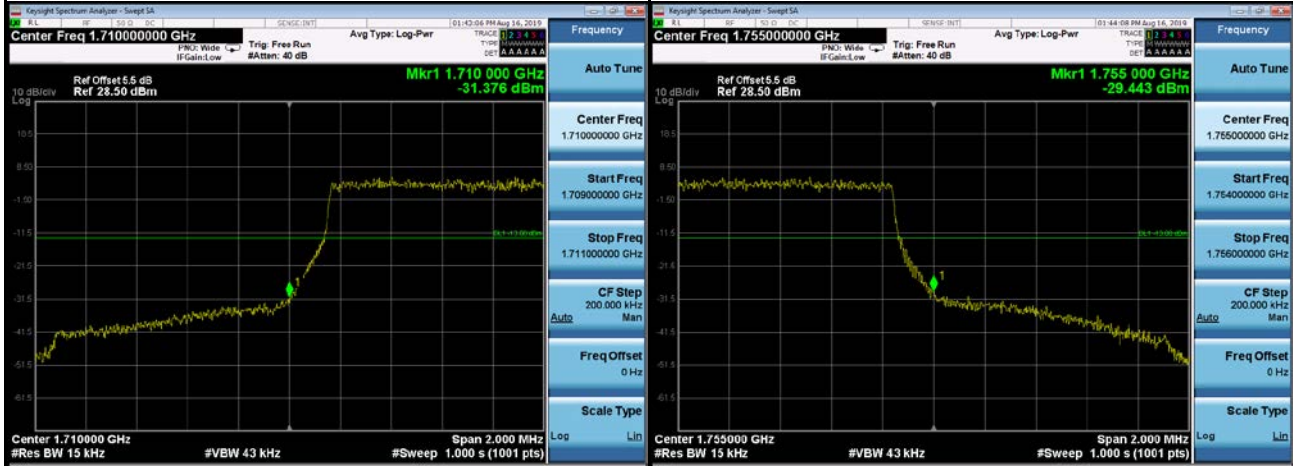
LTE Band 4_1.4M

1RB#0		1RB#5	
Channel	19957	Channel	20393



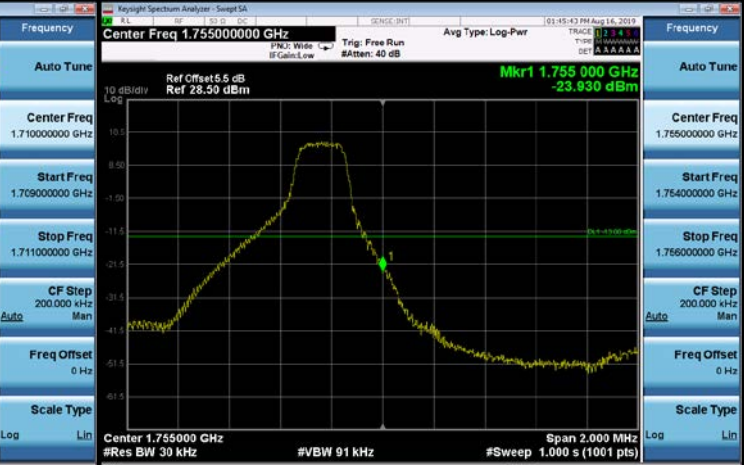
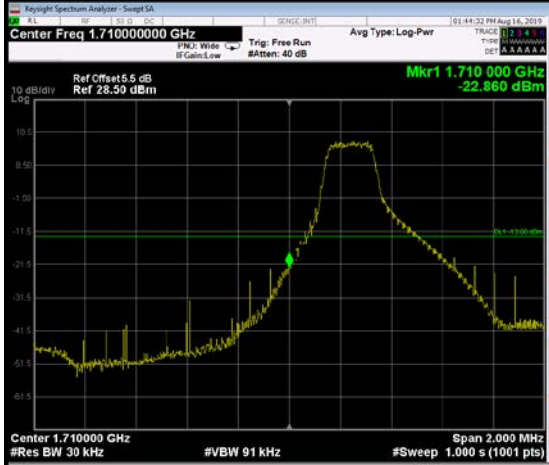
6RB#0

19957		20393	
Channel	19957	Channel	20393



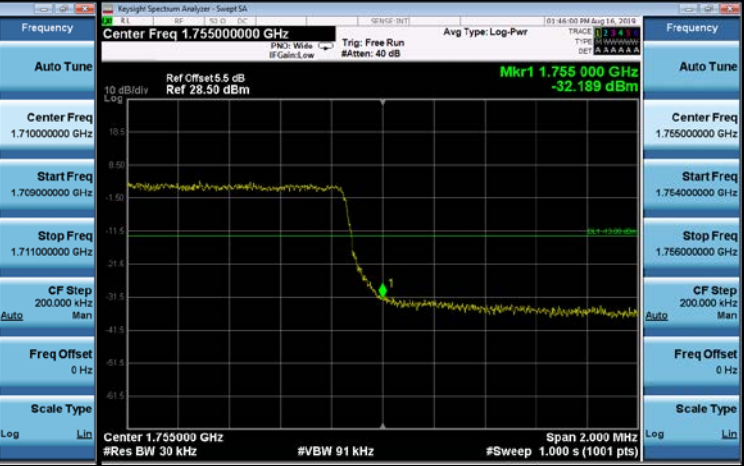
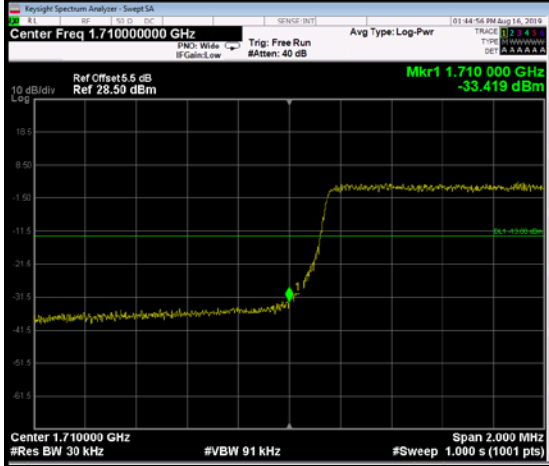
LTE Band 4_3M

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



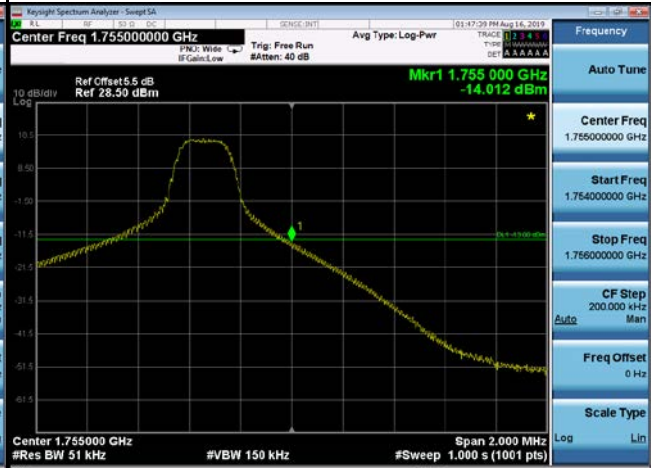
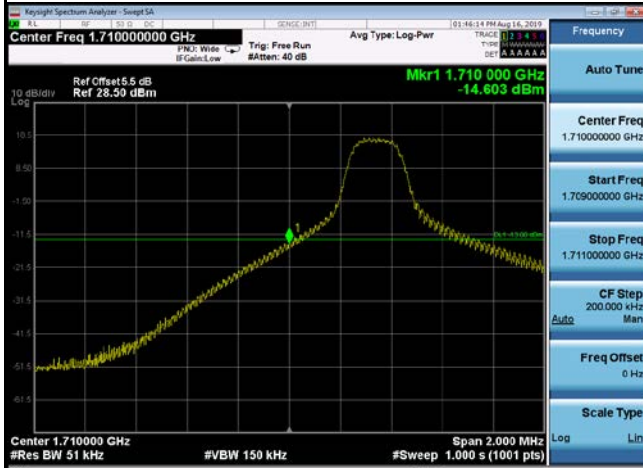
15RB#0

Channel		19965		Channel		20385	
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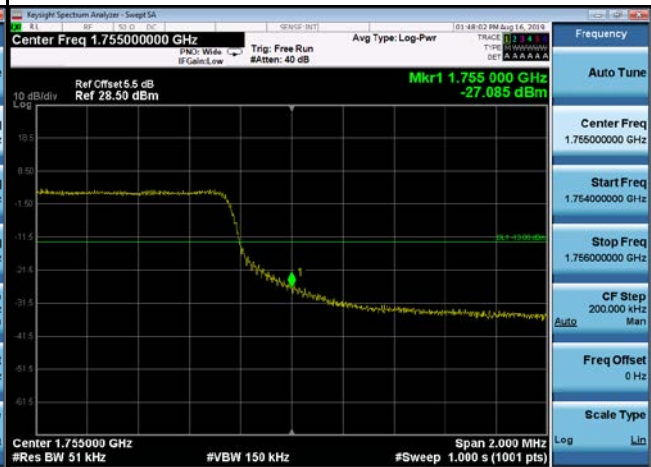
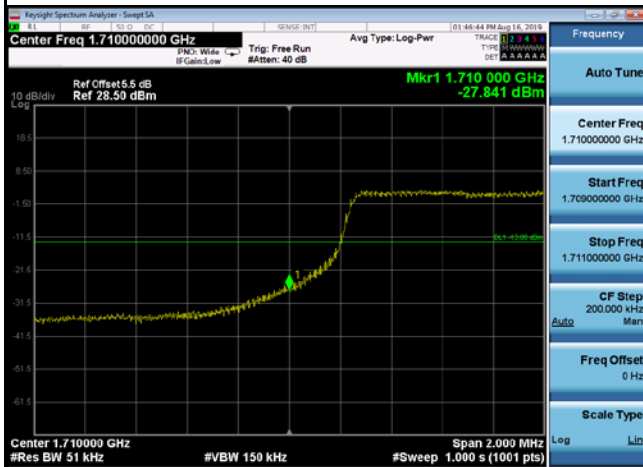
LTE Band 4_5M

1RB#0		1RB#24	
Channel	19975	Channel	20375



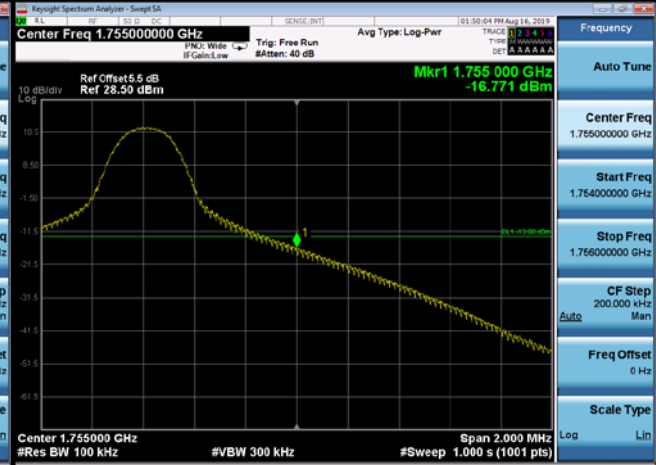
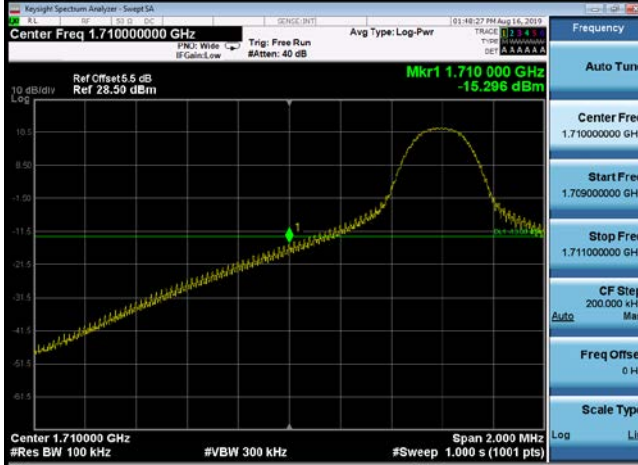
25RB#0

19975		20375	
Channel	19975	Channel	20375



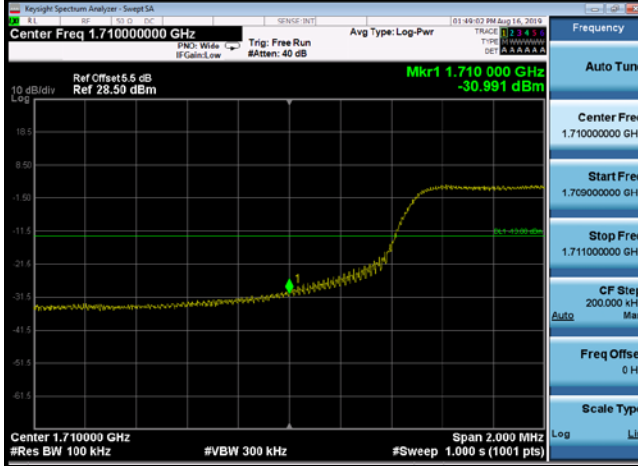
LTE Band 4_10M

1RB#0		1RB#49	
Channel	20000	Channel	20350



50RB#0

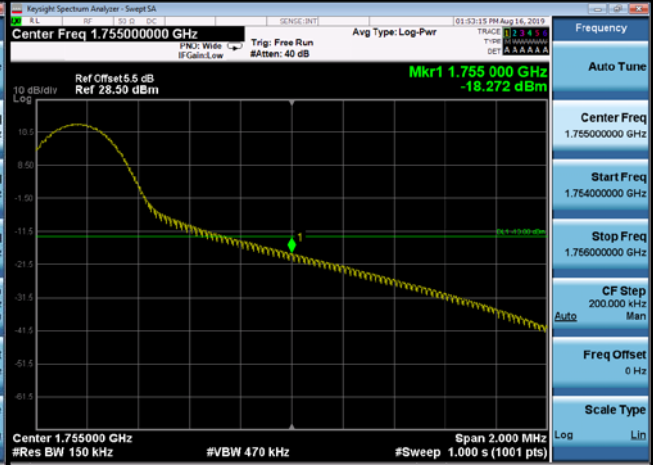
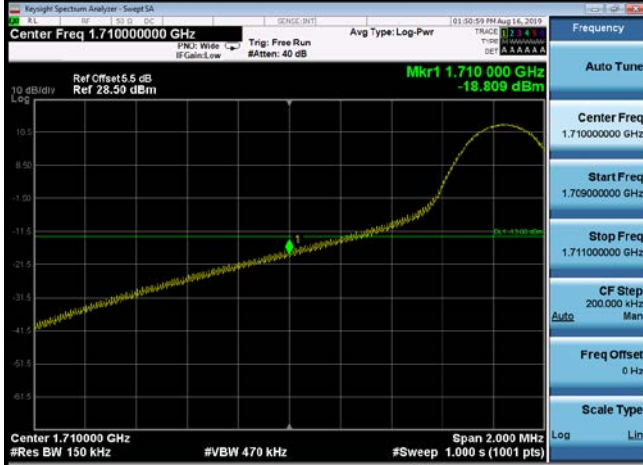
Channel		20000	Channel		20350
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LTE Band 4_15M

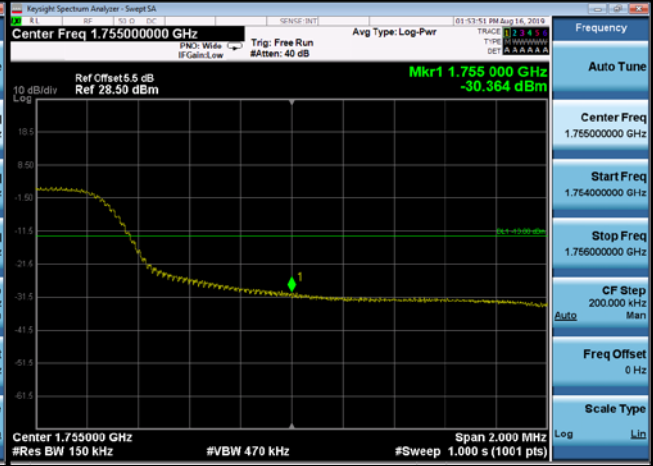
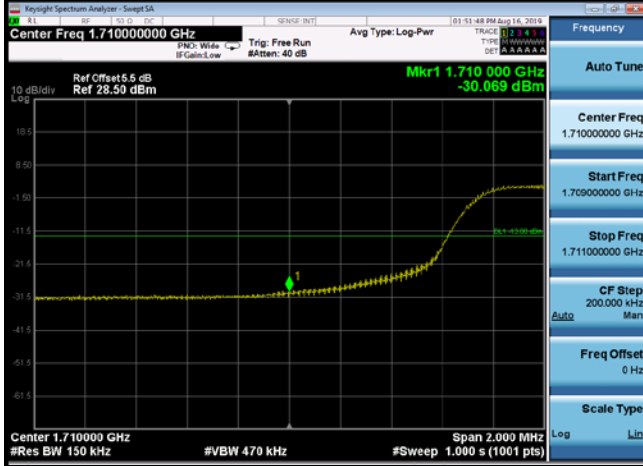
1RB#0		1RB#74	
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Channel	20025	Channel	20325
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75RB#0

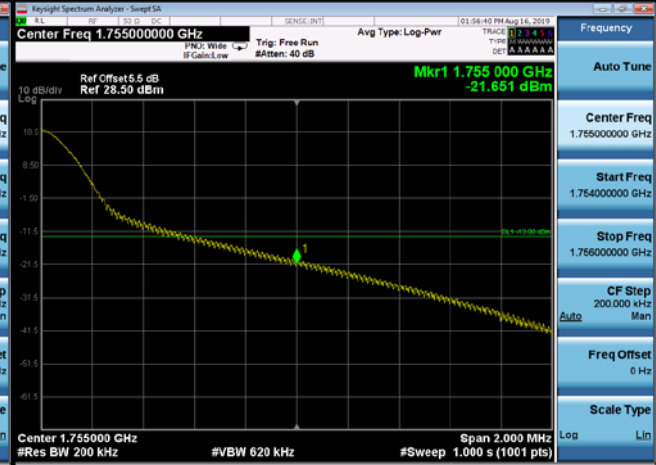
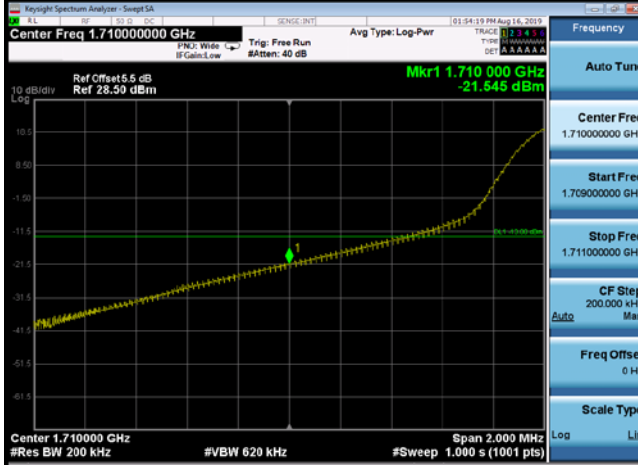
Channel		20025		Channel		20325	
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LTE Band 4_20M

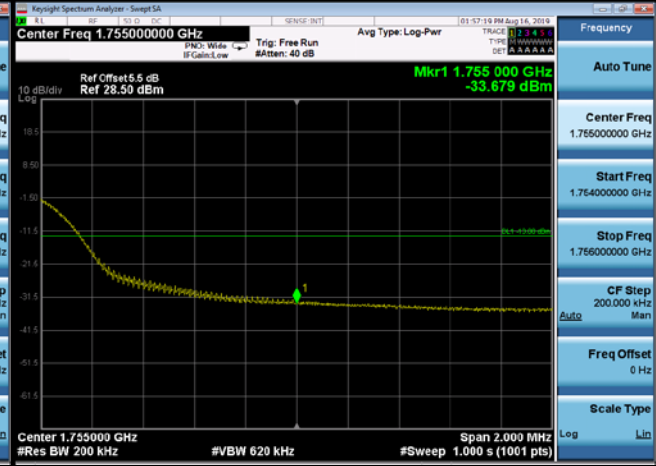
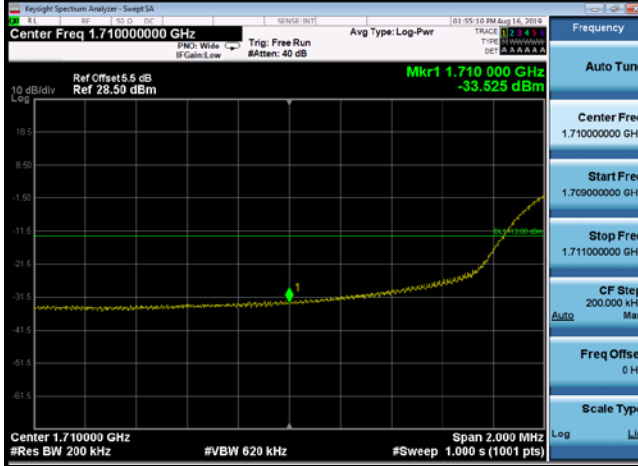
1RB#0	1RB#99
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Channel	20050	Channel	20300
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100RB#0

Channel	20050	Channel	20300
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LTE Band 7_5M

1RB#0

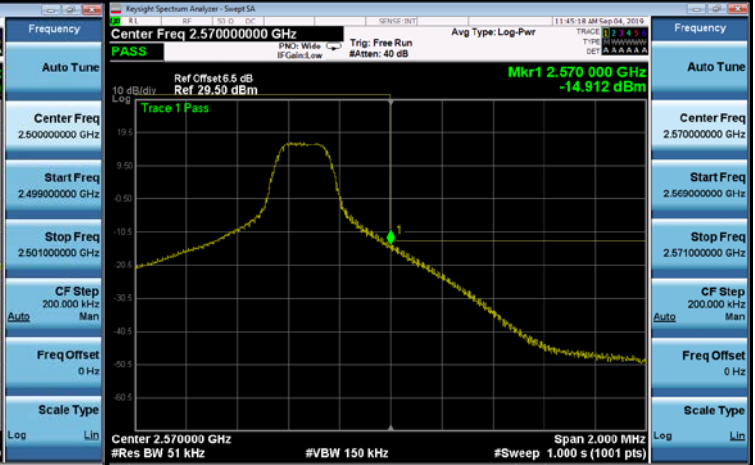
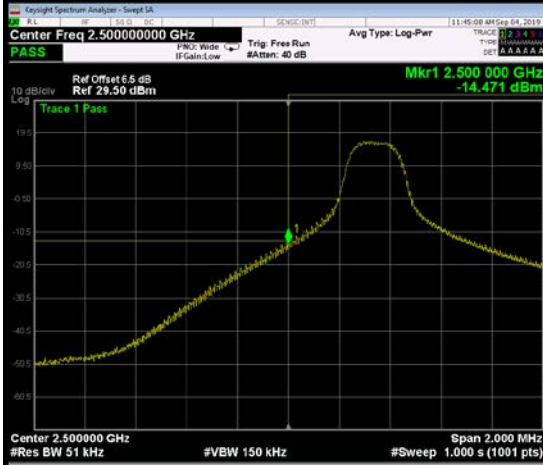
1RB#24

Channel

20775

Channel

21425



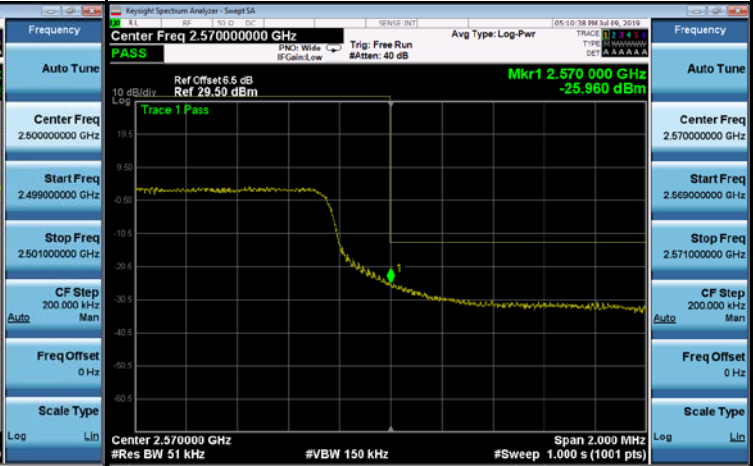
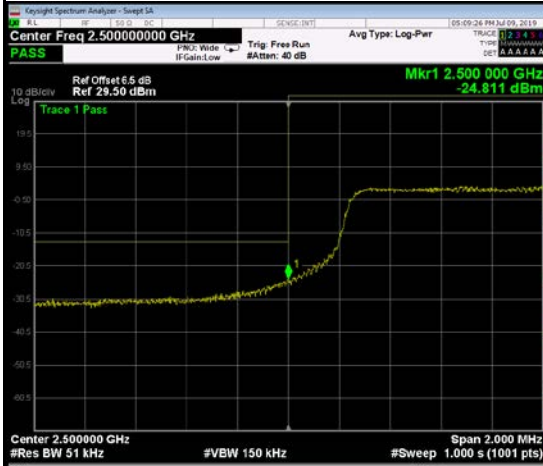
25RB#0

Channel

20775

Channel

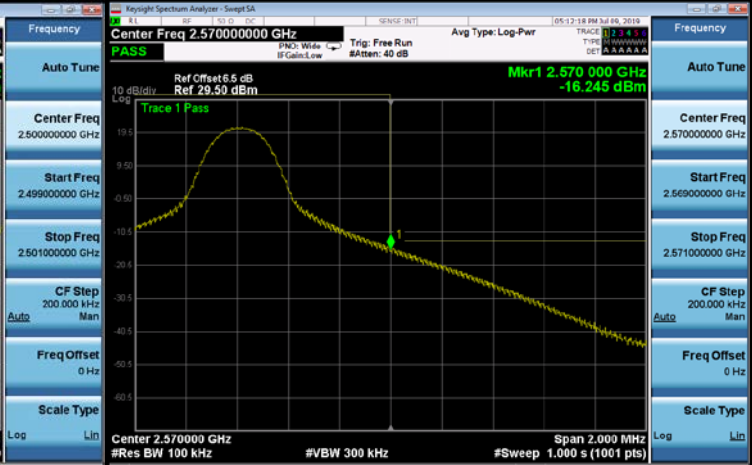
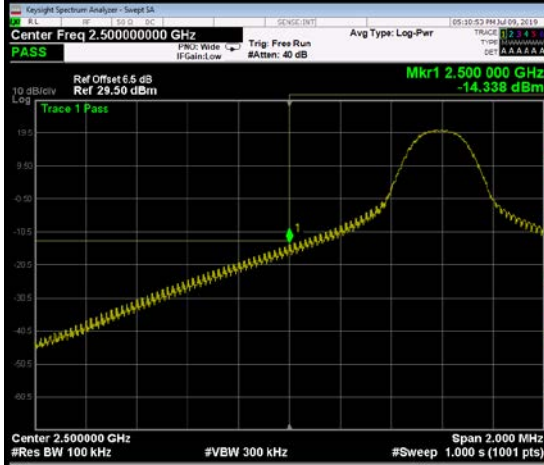
21425



LTE Band 7_10M

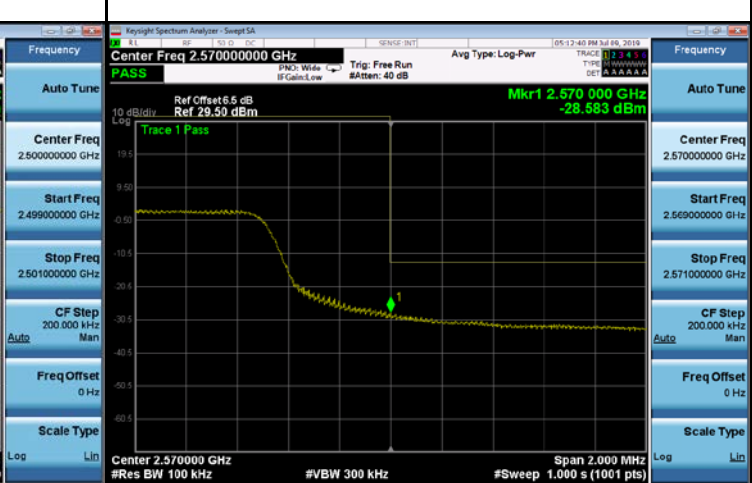
1RB#0	1RB#49
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Channel	20800	Channel	21400
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50RB#0

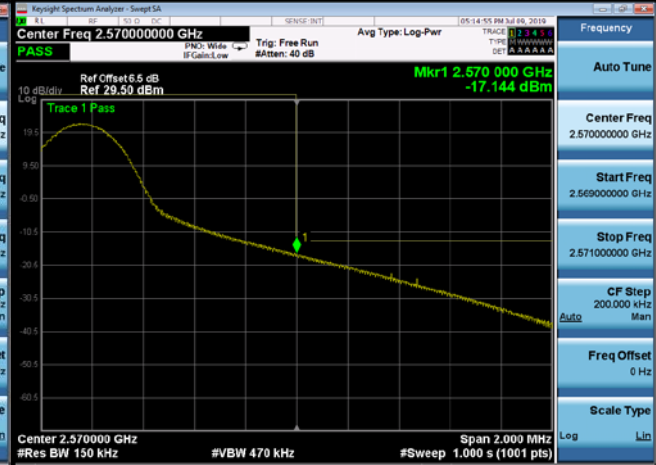
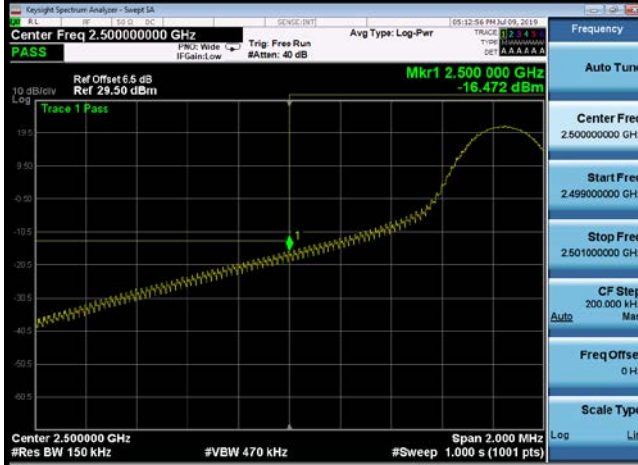
Channel	21400
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LTE Band 7_15M

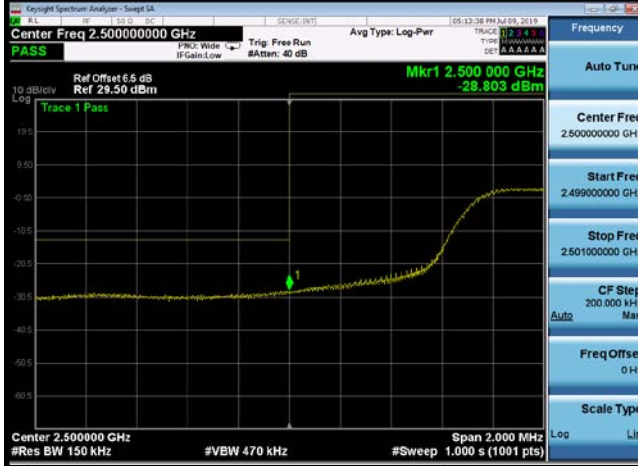
1RB#0	1RB#74
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Channel	20825	Channel	21375
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75RB#0

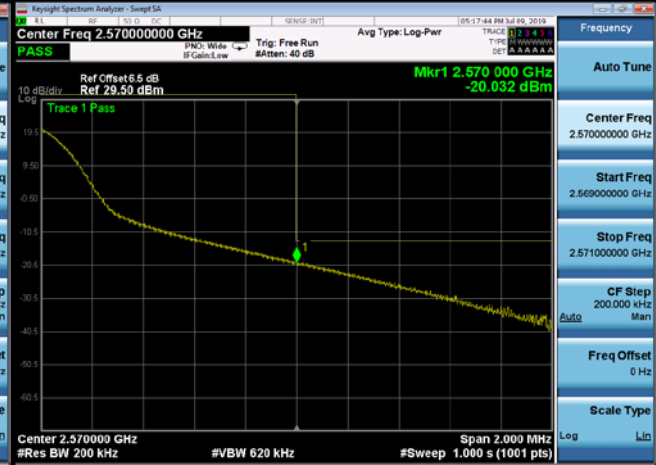
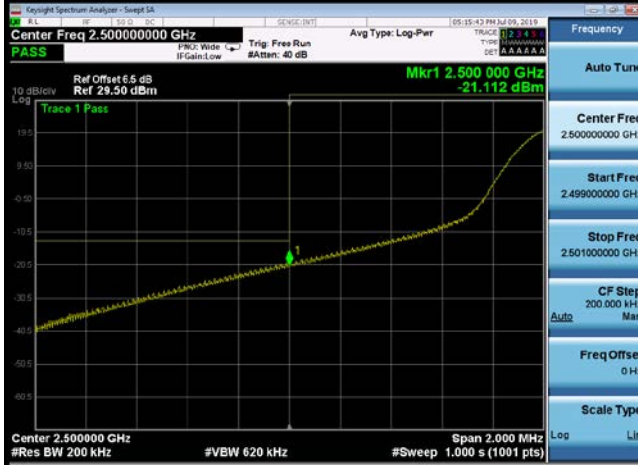
Channel	20825	Channel	21375
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LTE Band 7_20M

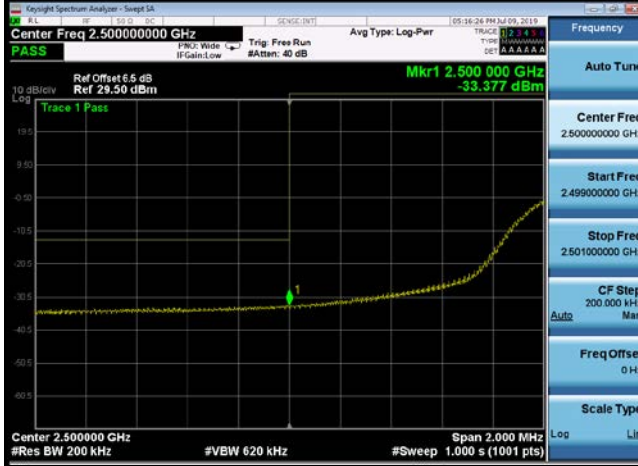
1RB#0	1RB#99
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Channel	20850	Channel	21350
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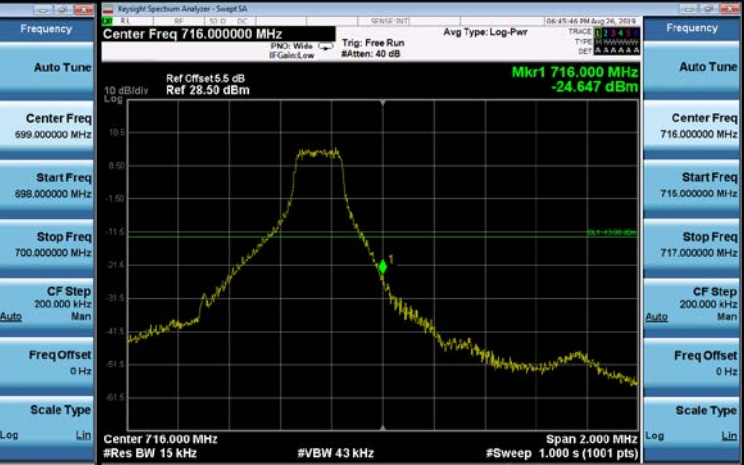
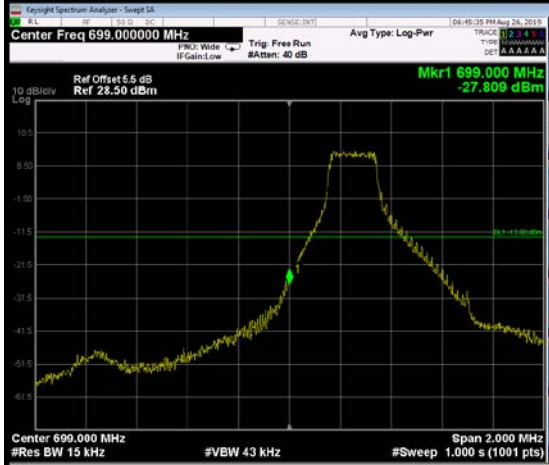
100RB#0

Channel	20850	Channel	21350
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LTE Band 12_1.4M

1RB#0		1RB#5	
Channel	23017	Channel	23173



6RB#0

Channel		23017	Channel		13173
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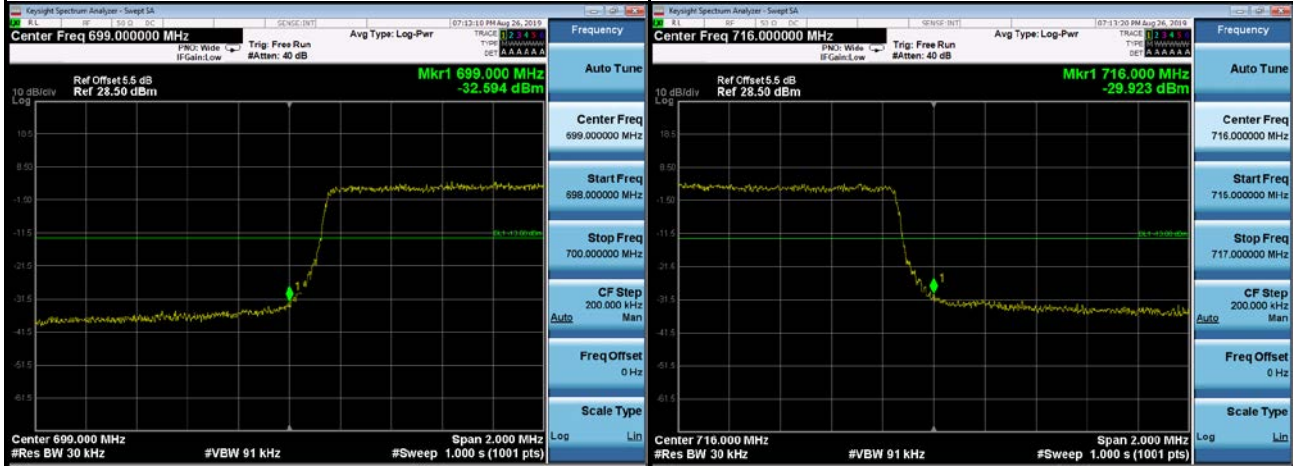
LTE Band 12_3M

1RB#0		1RB#14	
Channel	23025	Channel	23165



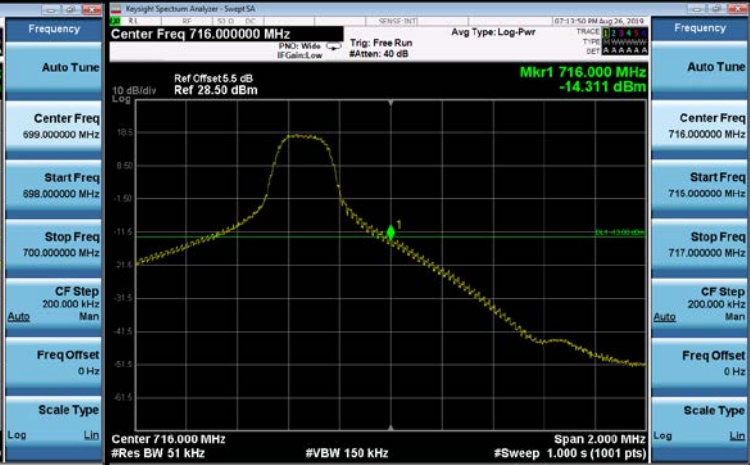
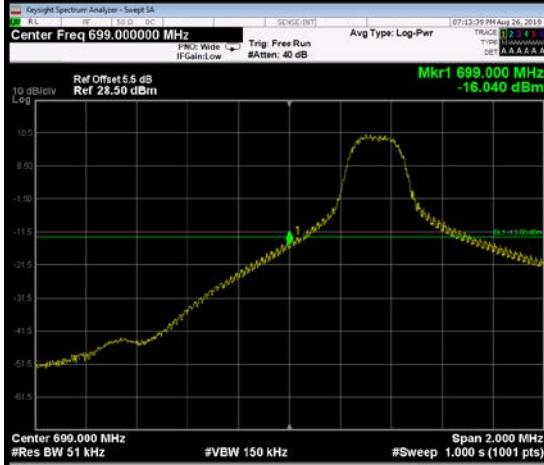
15RB#0

15RB#0		15RB#0	
Channel	23025	Channel	23165



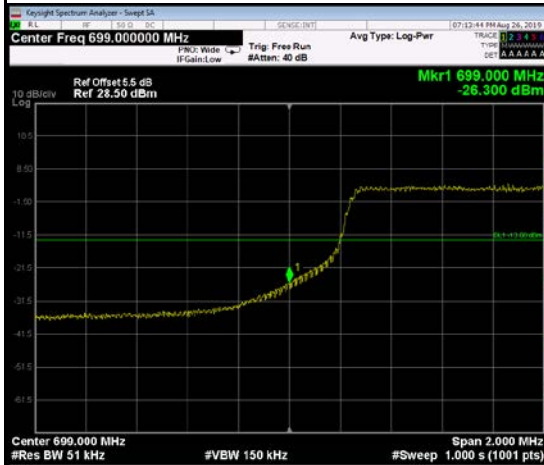
LTE Band 12_5M

1RB#0		1RB#24	
Channel	23035	Channel	23155



25RB#0

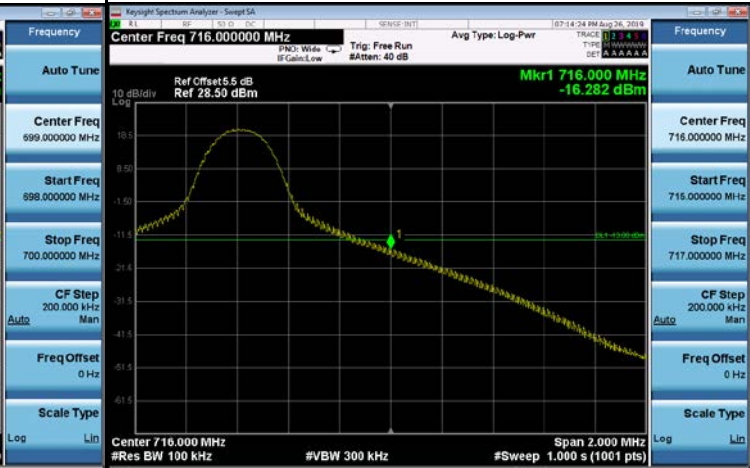
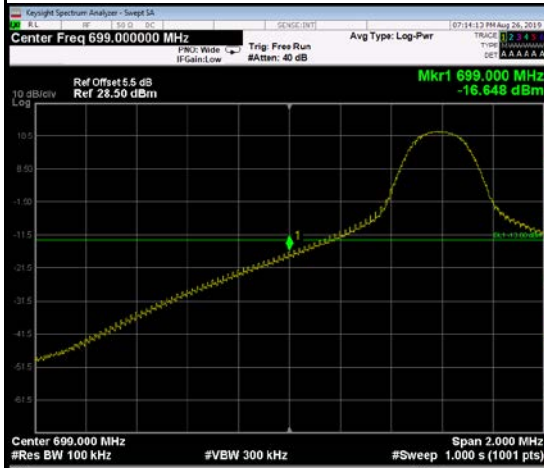
23035		23155	
Channel	23035	Channel	23155



LTE Band 12_10M

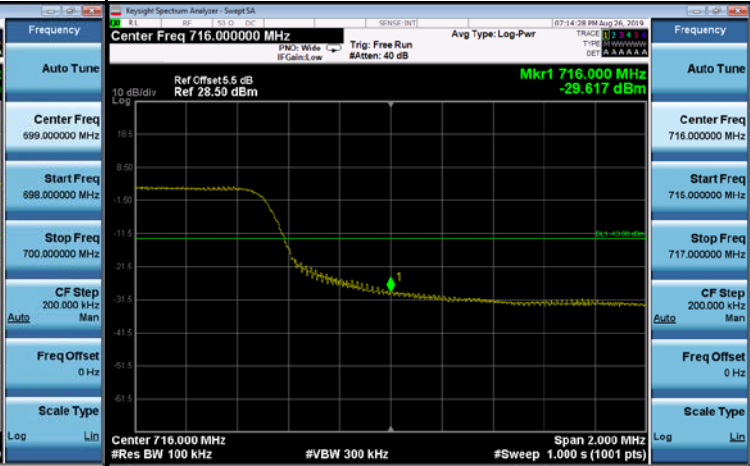
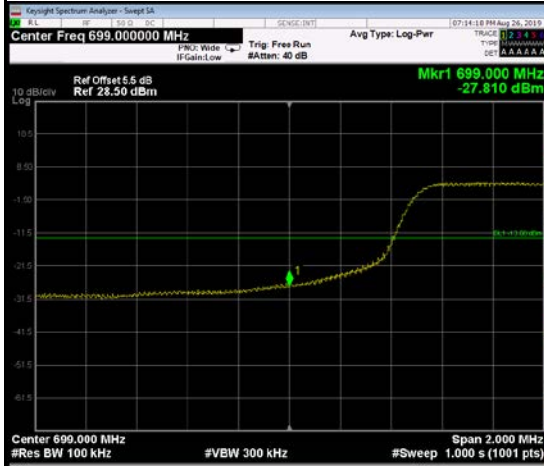
1RB#0	1RB#49
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Channel	23060	Channel	20350
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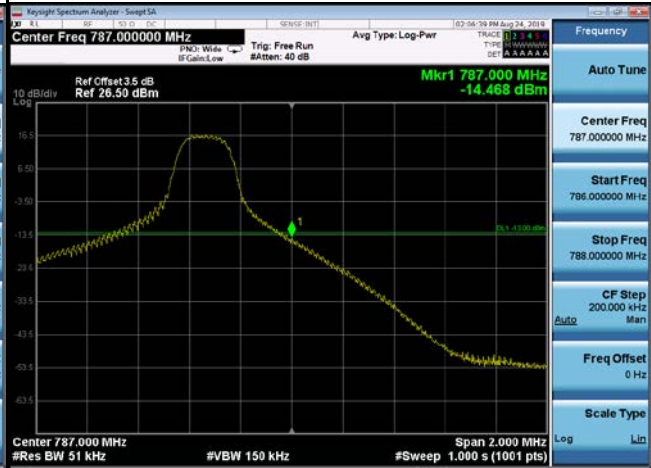
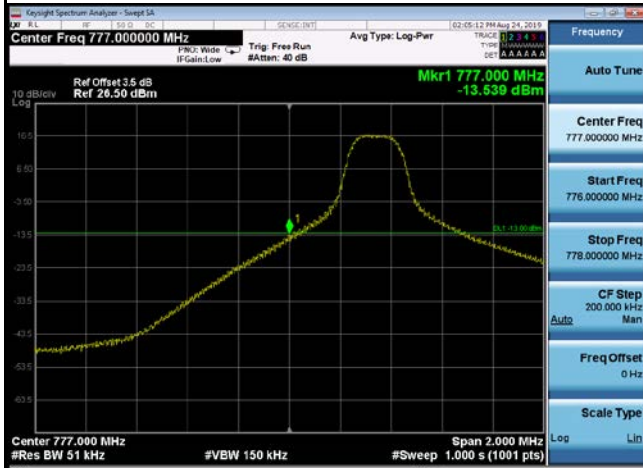
50RB#0

Channel	23060	Channel	20350
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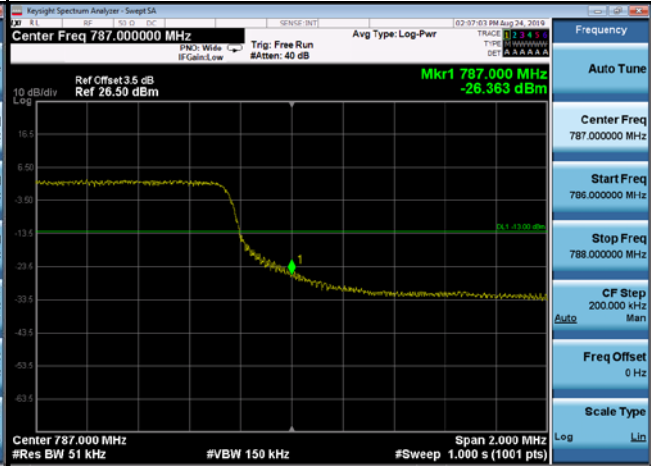
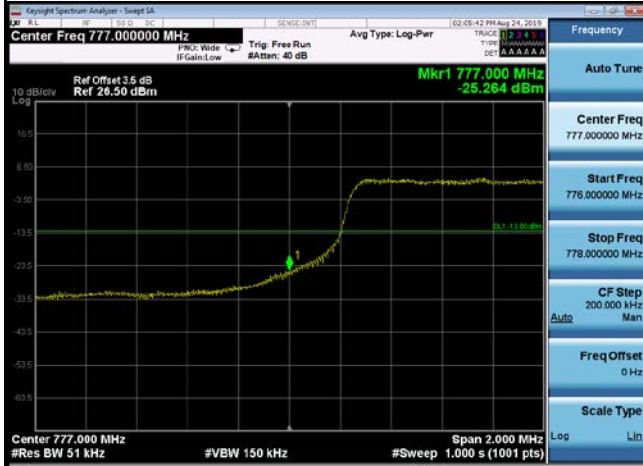
LTE Band 13_5M

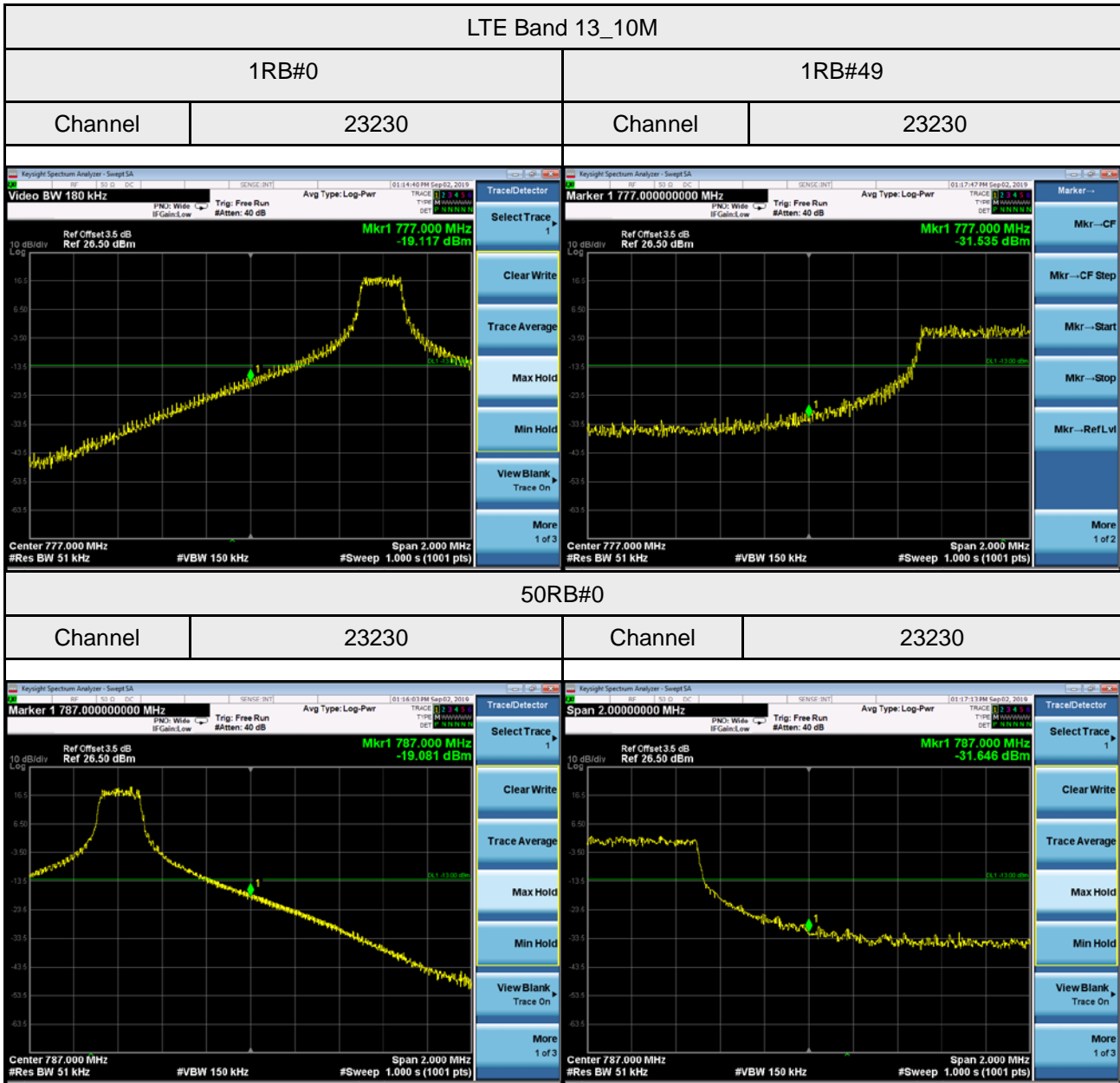
1RB#0		1RB#24	
Channel	23205	Channel	23255



25RB#0

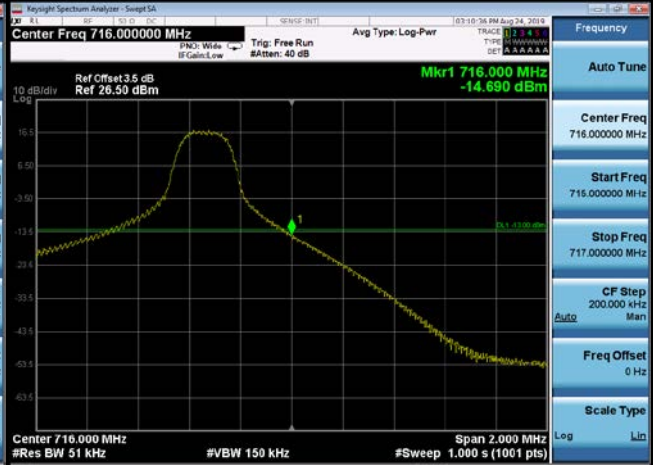
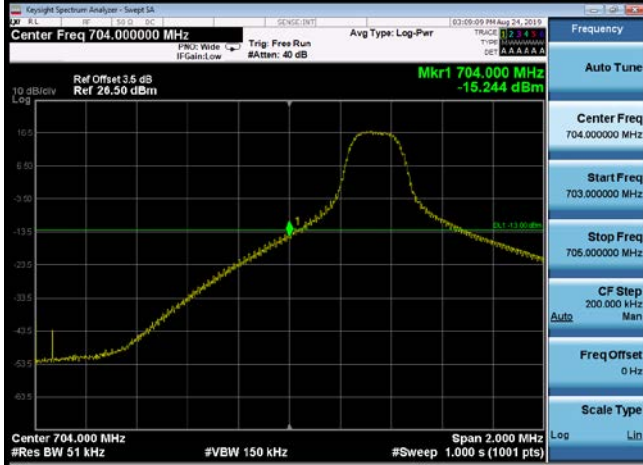
25RB#0		25RB#0	
Channel	23205	Channel	23255





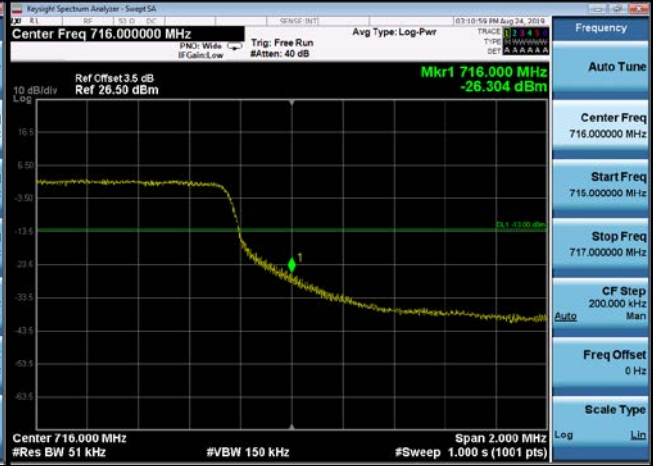
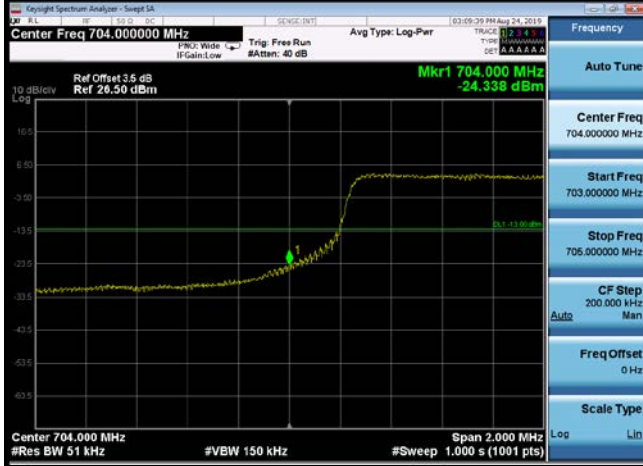
LTE Band 17_5M

1RB#0		1RB#24	
Channel	23755	Channel	23825



25RB#0

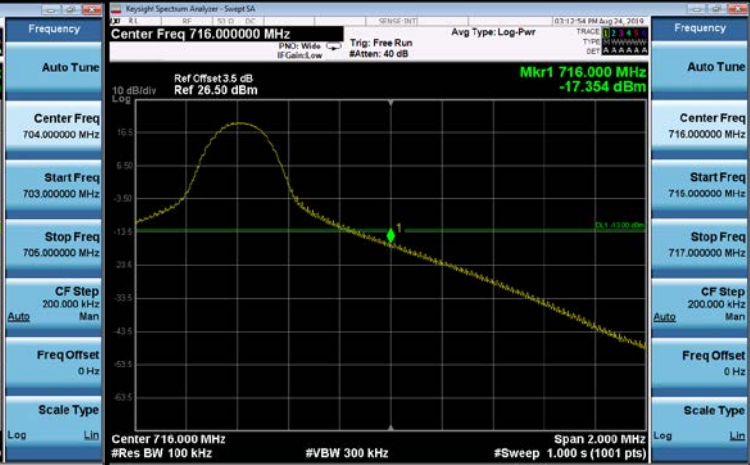
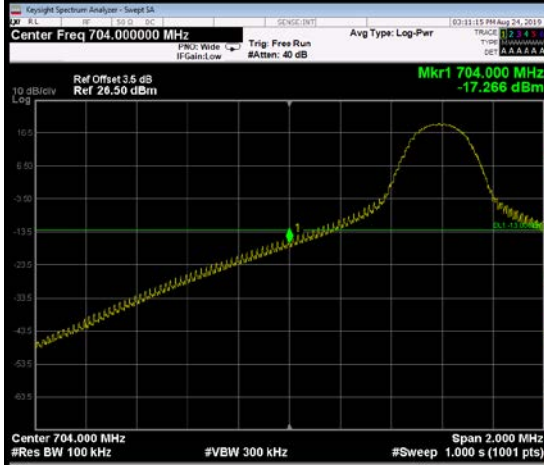
Channel		23755		Channel		23825	
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LTE Band 17_10M

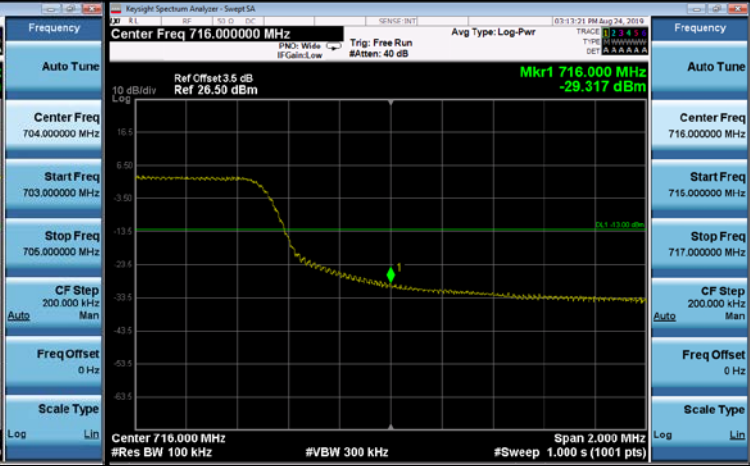
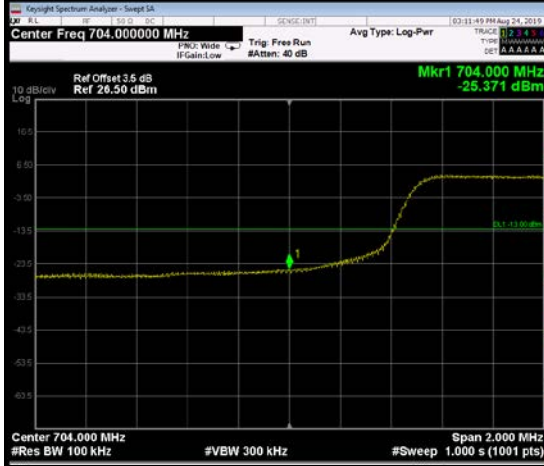
1RB#0		1RB#49	
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Channel	23780	Channel	23800
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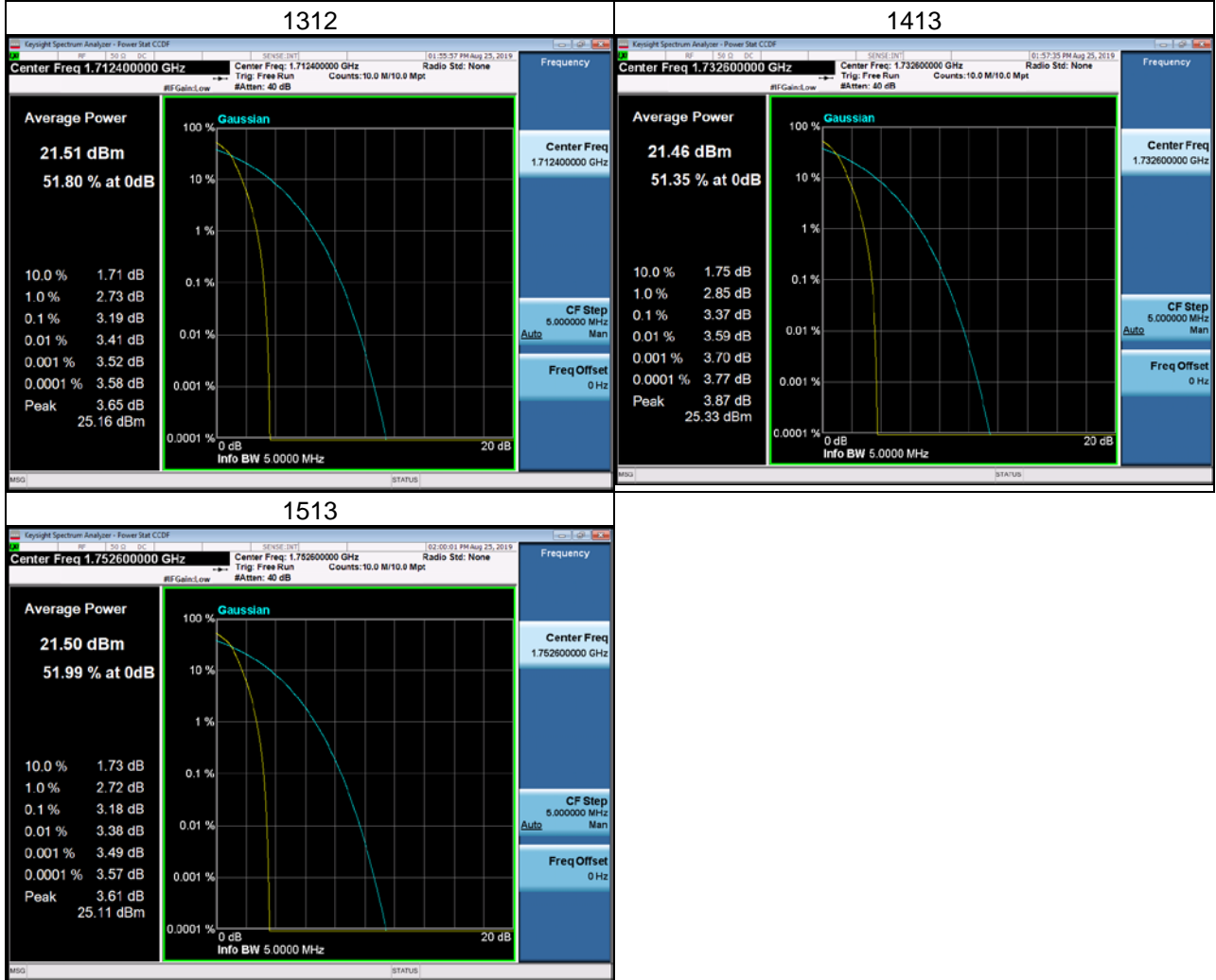
50RB#0

Channel		23780		Channel		23800	
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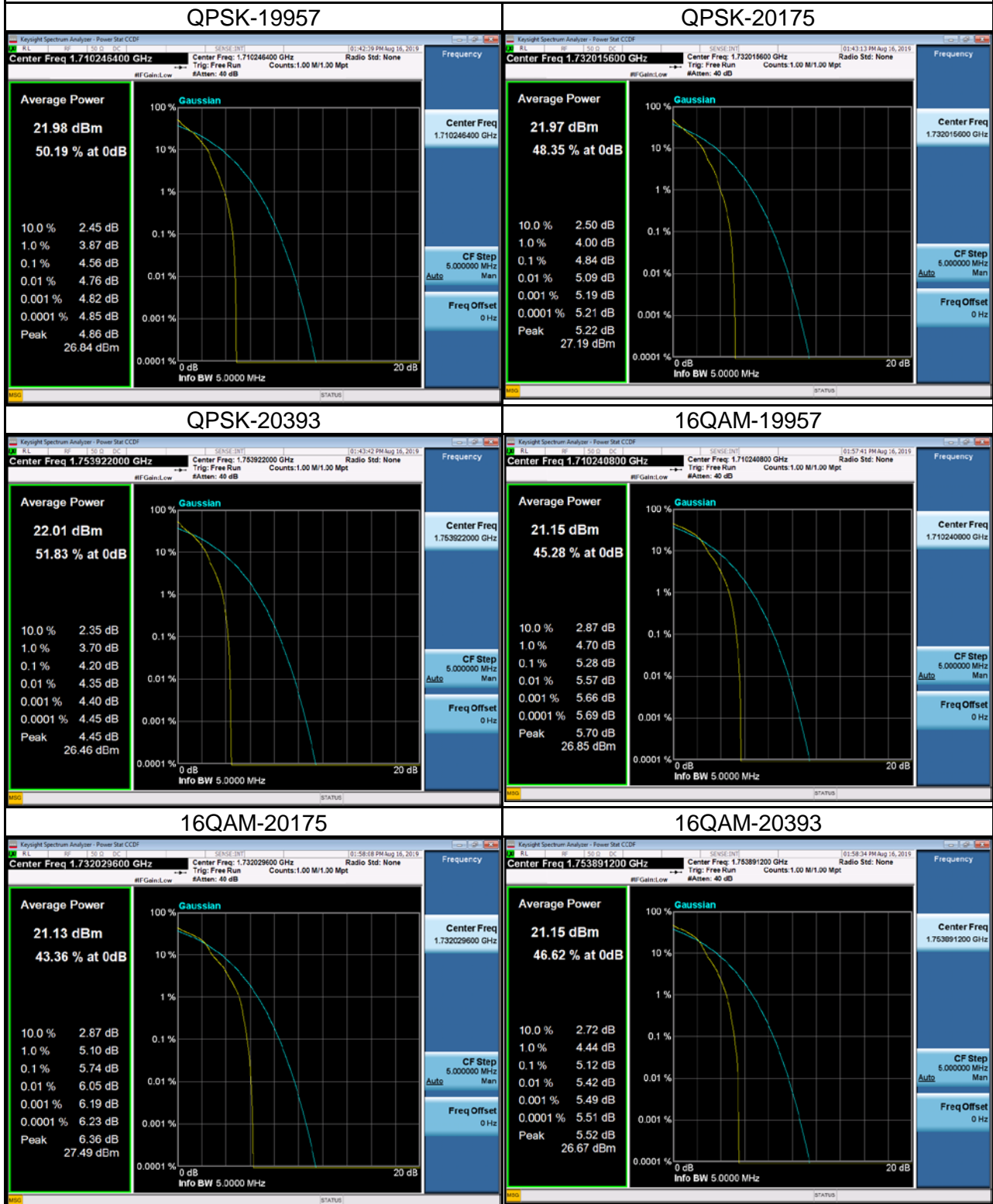


APPENDIX H - PEAK TO AVERAGE RATIO

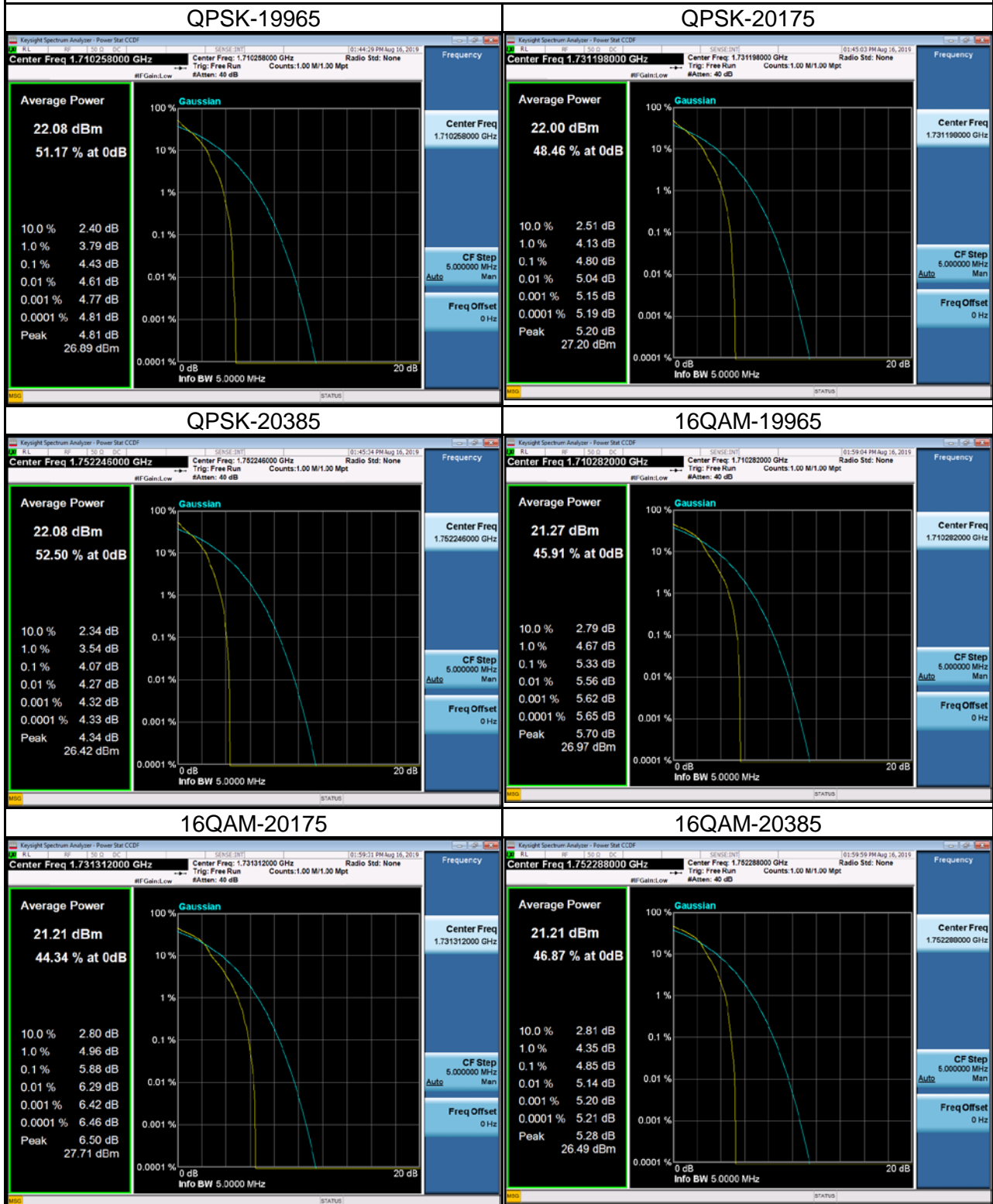
WCDMA Band IV Spectrum Plot_WCDMA



LTE Band 4 Spectrum Plot_1.4M

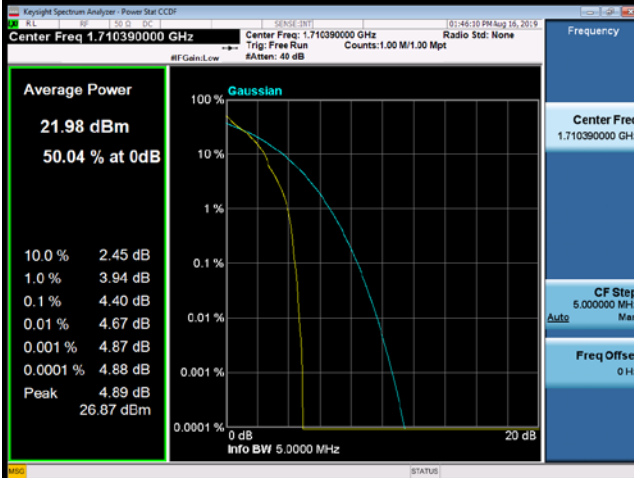


LTE Band 4 Spectrum Plot_3M

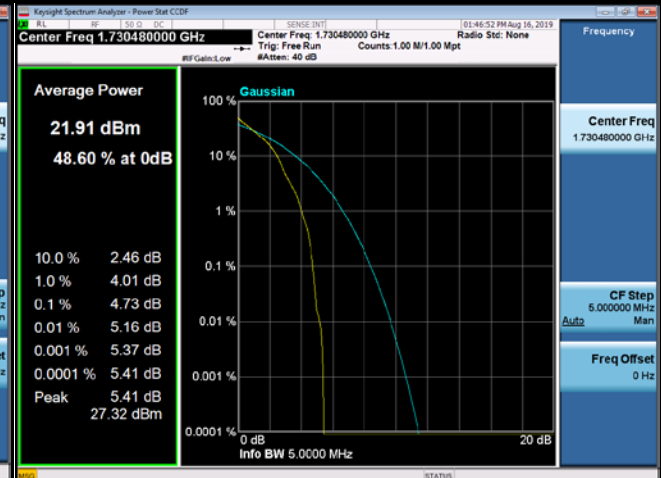


LTE Band 4 Spectrum Plot_5M

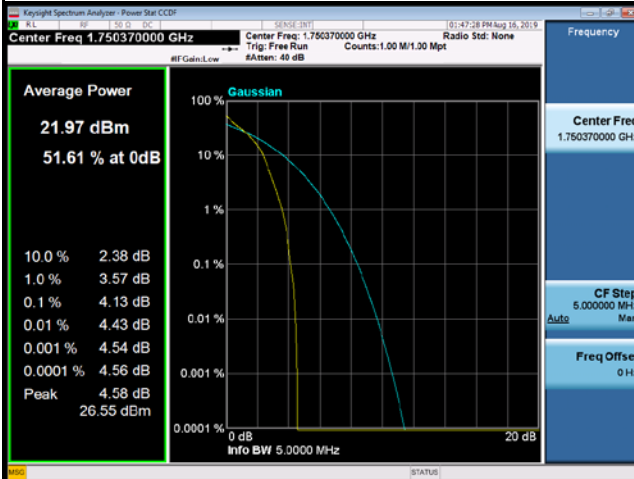
QPSK-19975



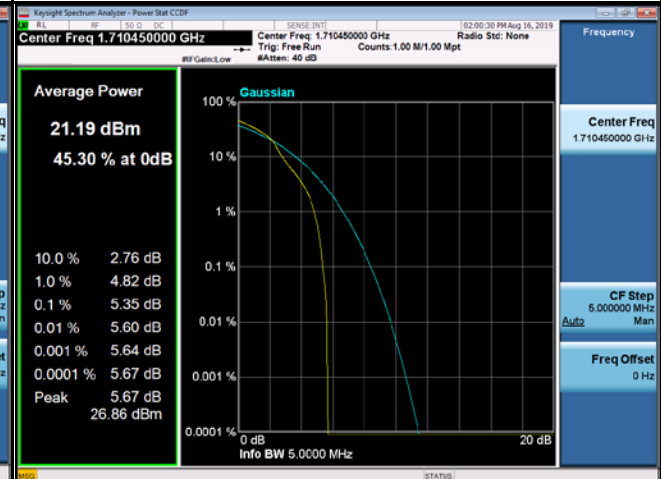
QPSK-20175



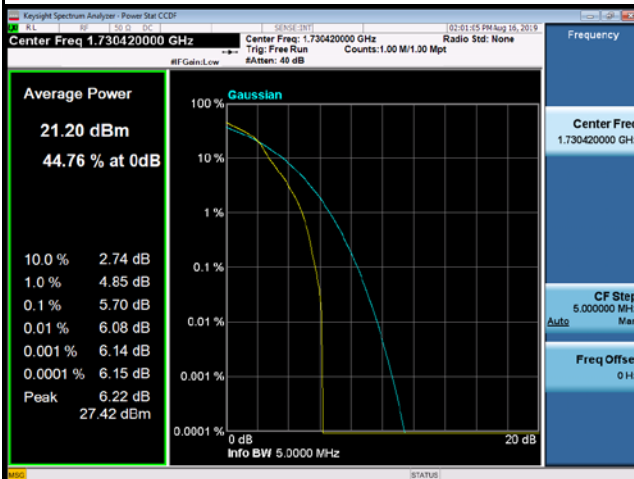
QPSK-20375



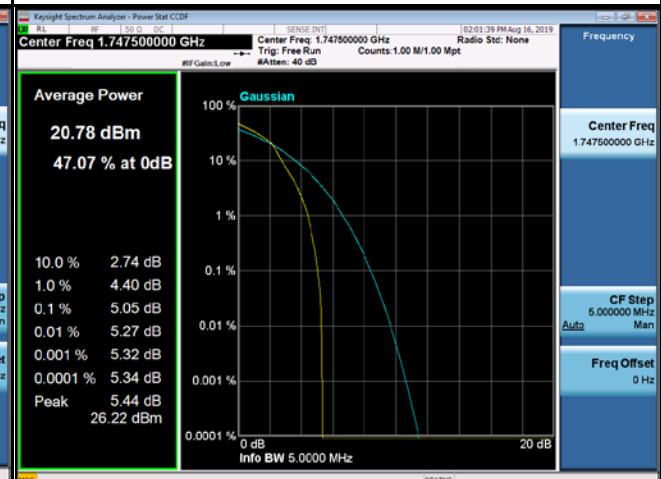
16QAM-19975



16QAM-20175



16QAM-20375



LTE Band 4 Spectrum Plot_10M

