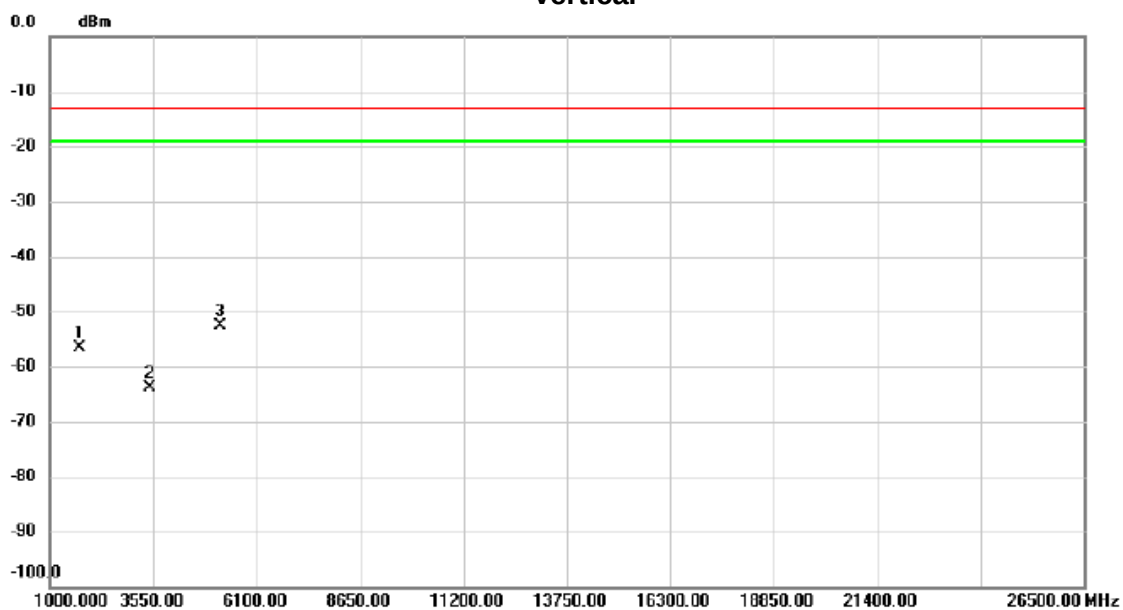


APPENDIX F - RADIATED EMISSION (ABOVE 1GHZ)

Test Mode: WCDMA Band IV _TX CH1413

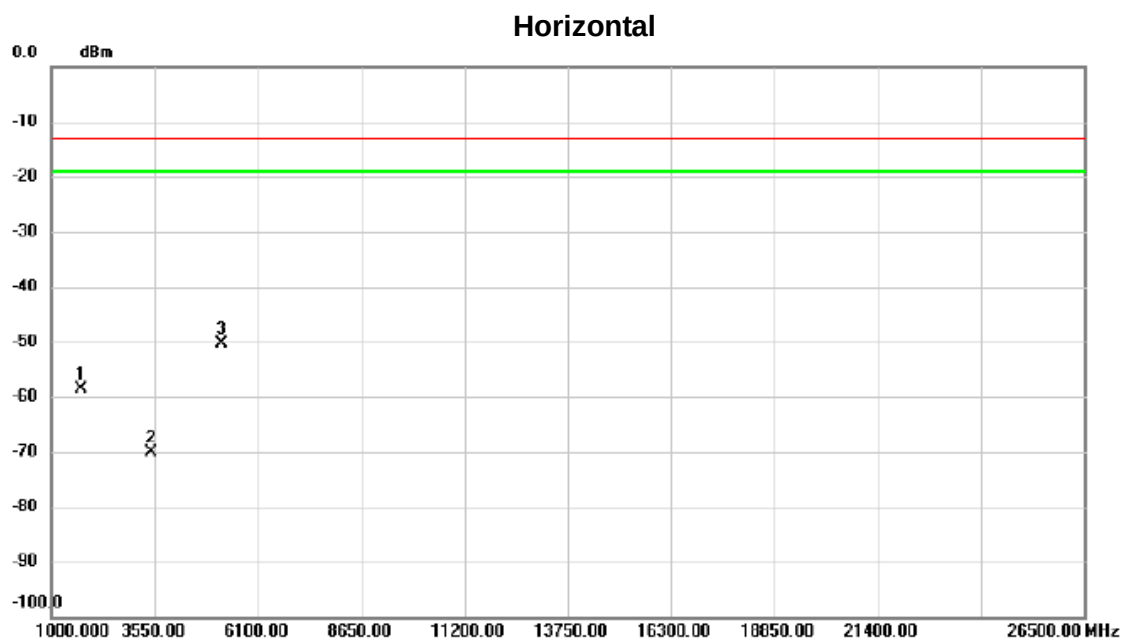
Vertical



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:

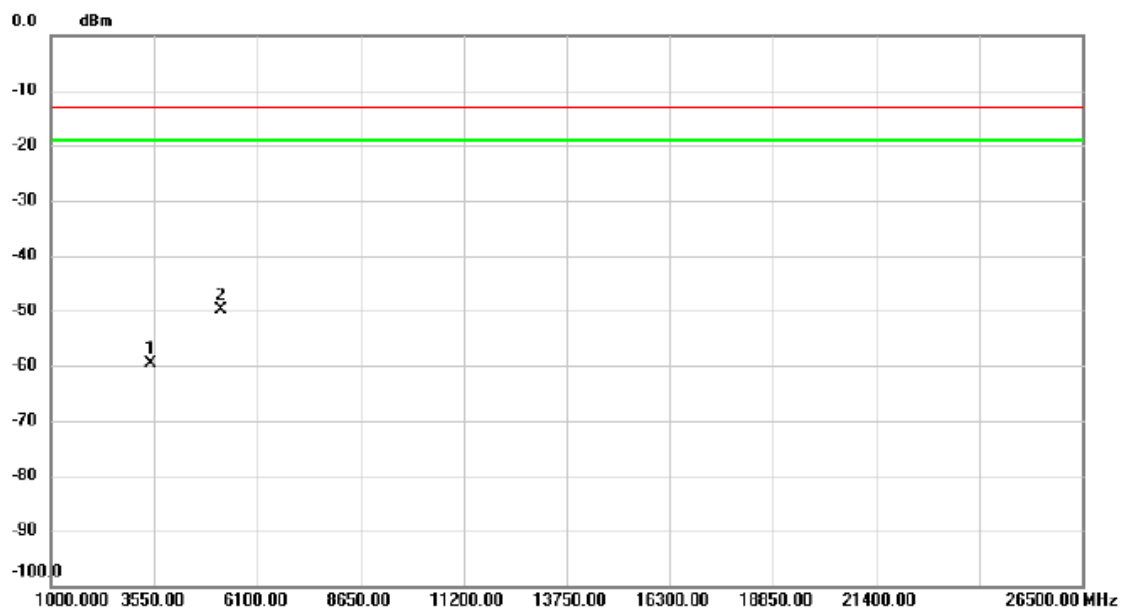
WCDMA Band IV _TX CH1413



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

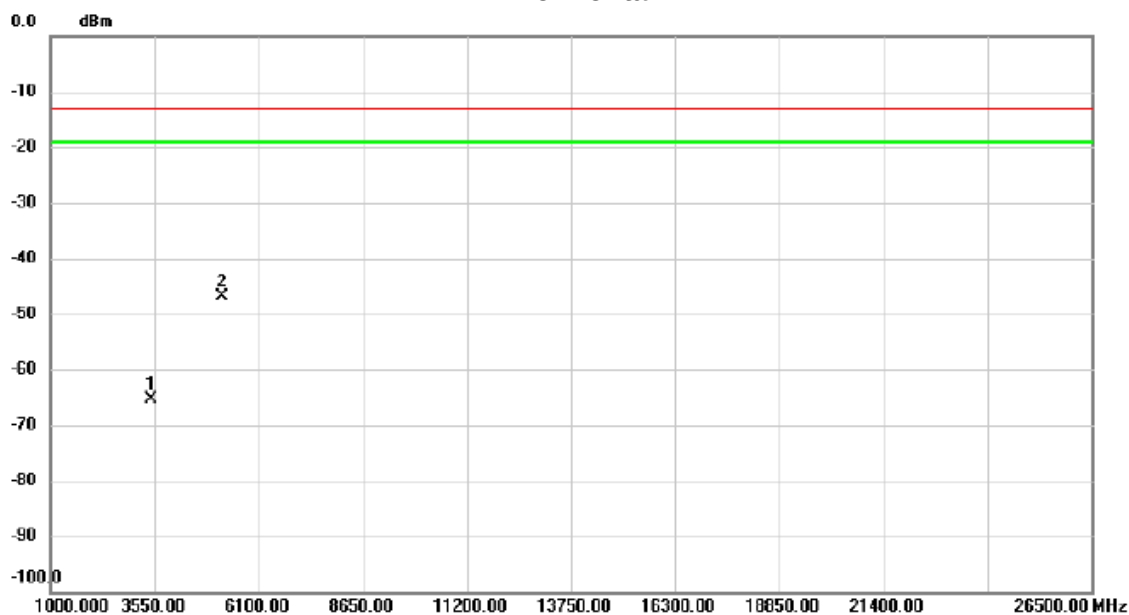
Vertical



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

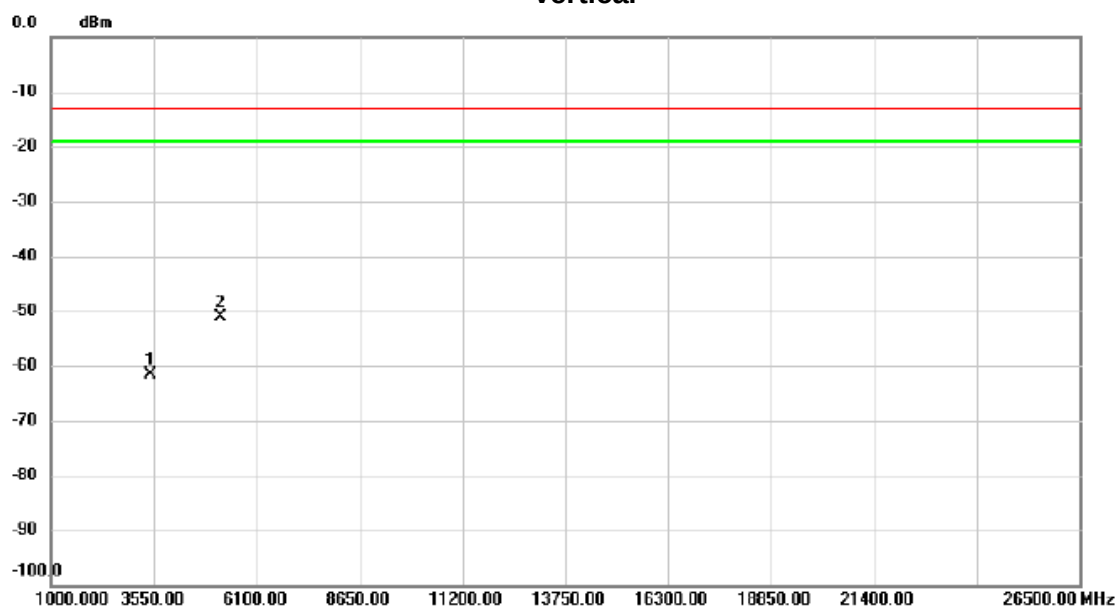
Horizontal



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

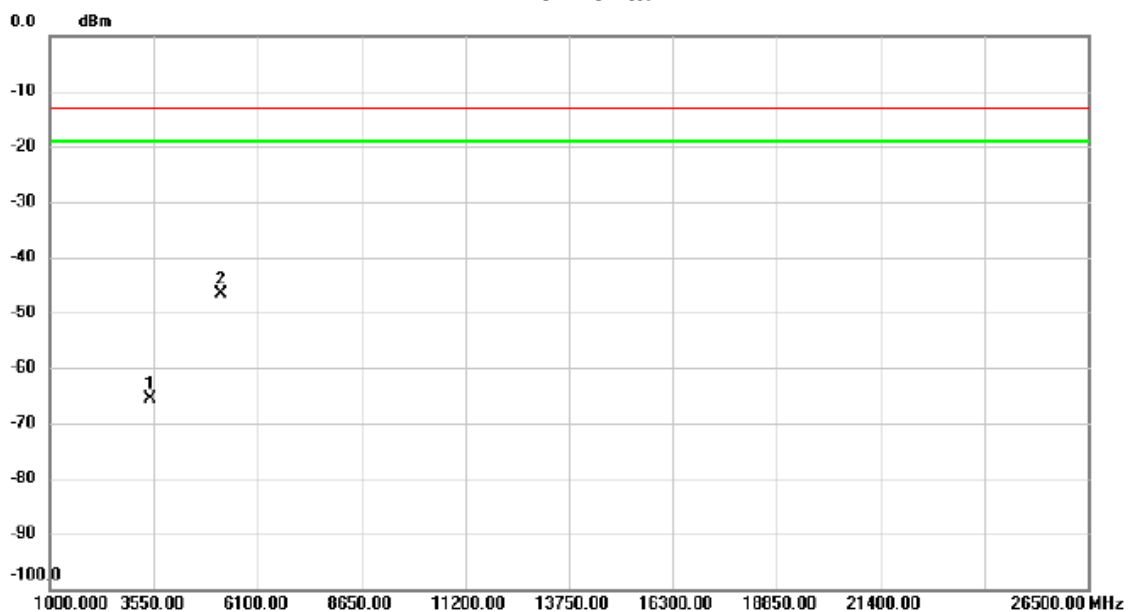
Vertical



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

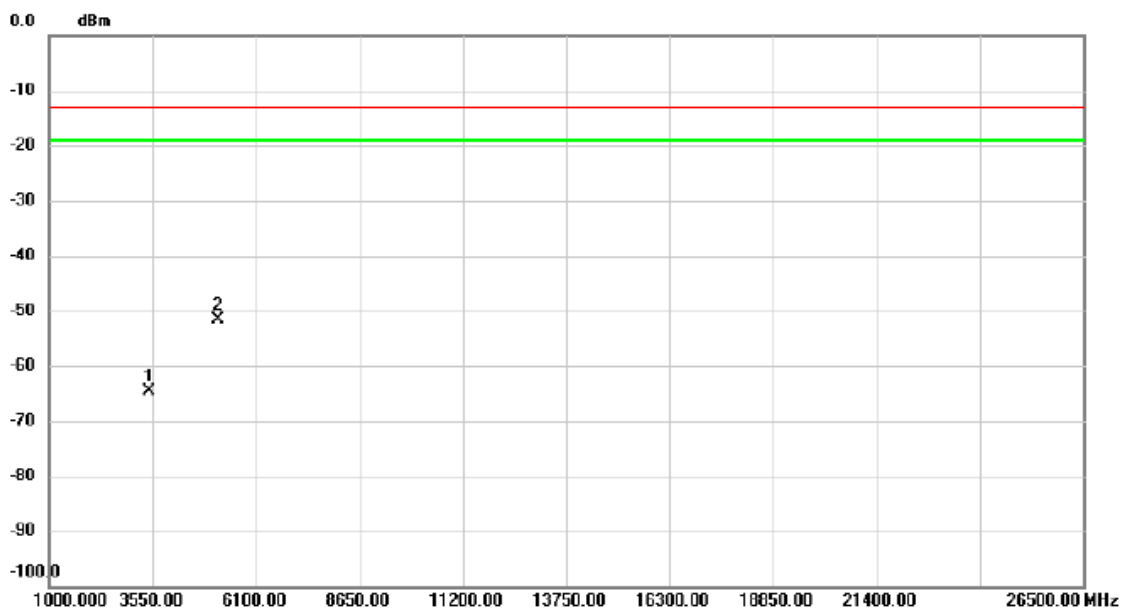
Horizontal



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	

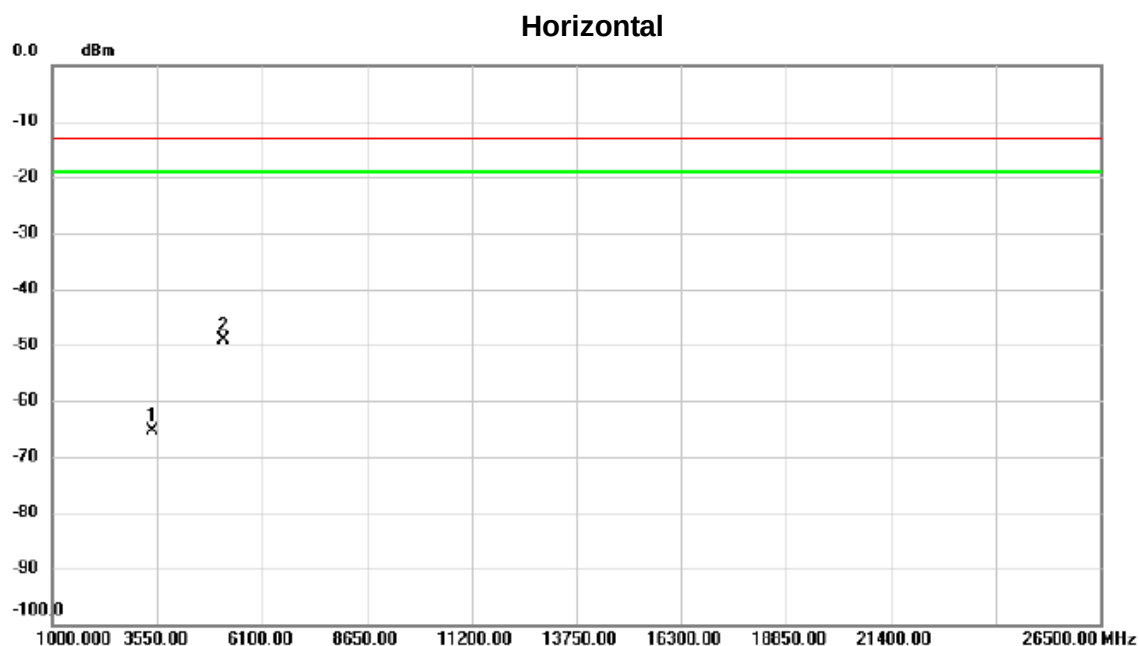
Test Mode: LTE Band 4_TX CH20175_20M

Vertical



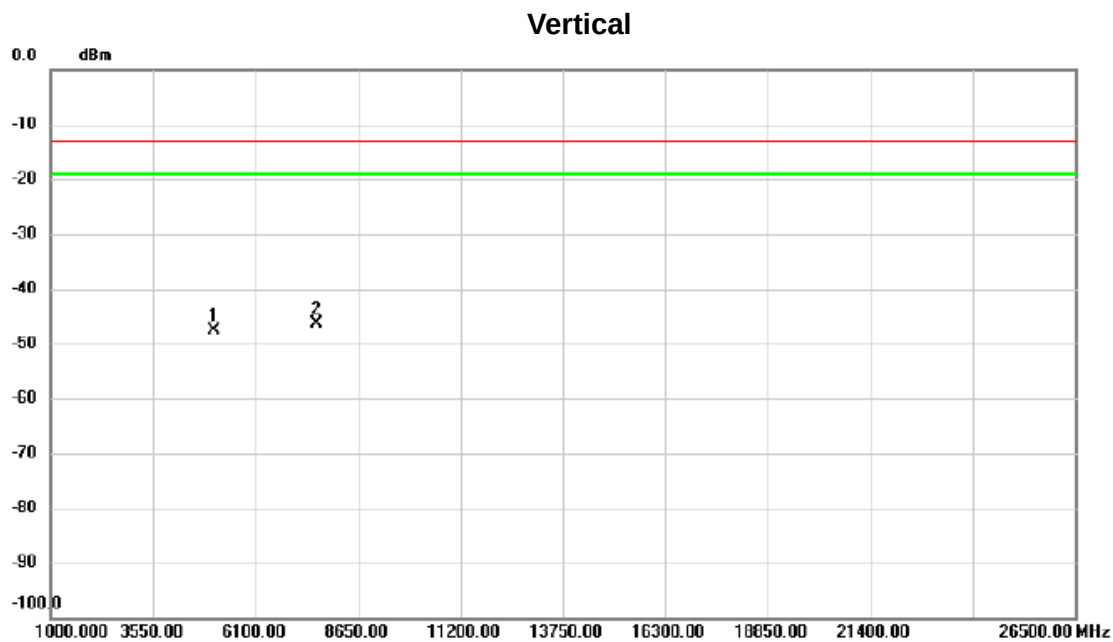
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3448.000	-51.33	-13.41	-64.74	-13.00	-51.74	peak	
2	*	5170.950	-43.43	-8.09	-51.52	-13.00	-38.52	peak	

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	

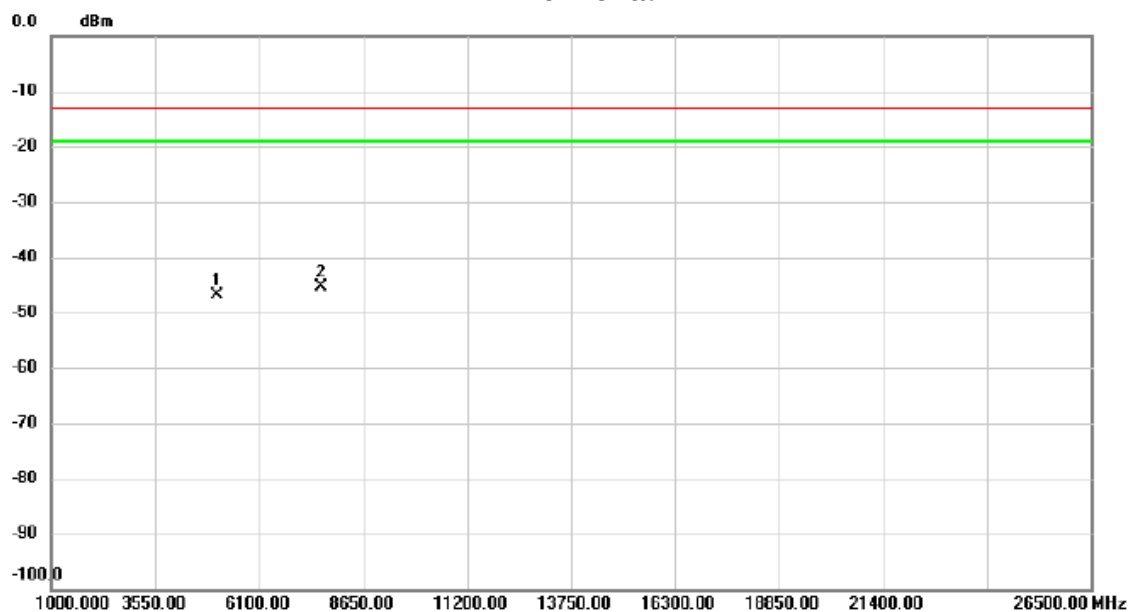
Test Mode: LTE Band 7_TX CH21100_5M



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	

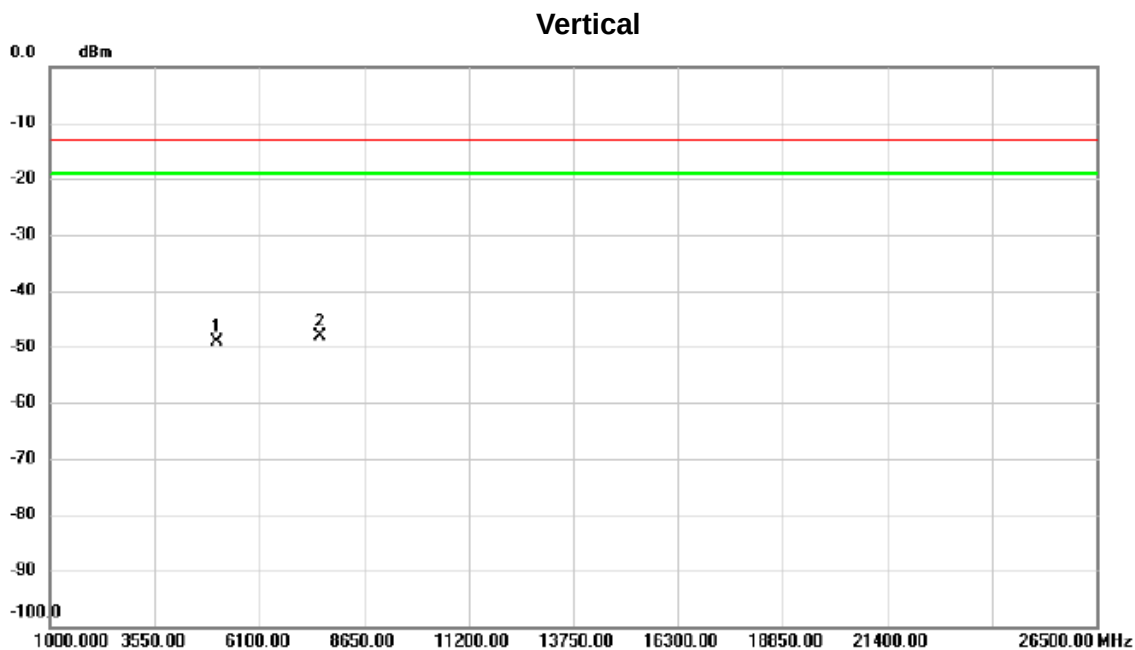
Test Mode: LTE Band 7_TX CH21100_5M

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	

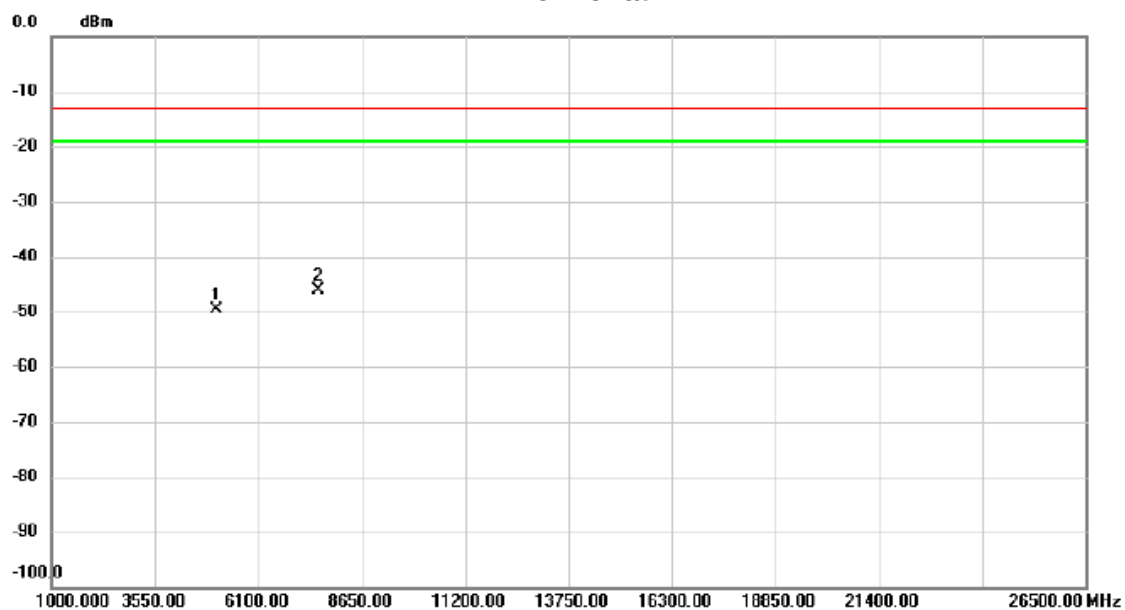
Test Mode: LTE Band 7_TX CH21100_20M



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

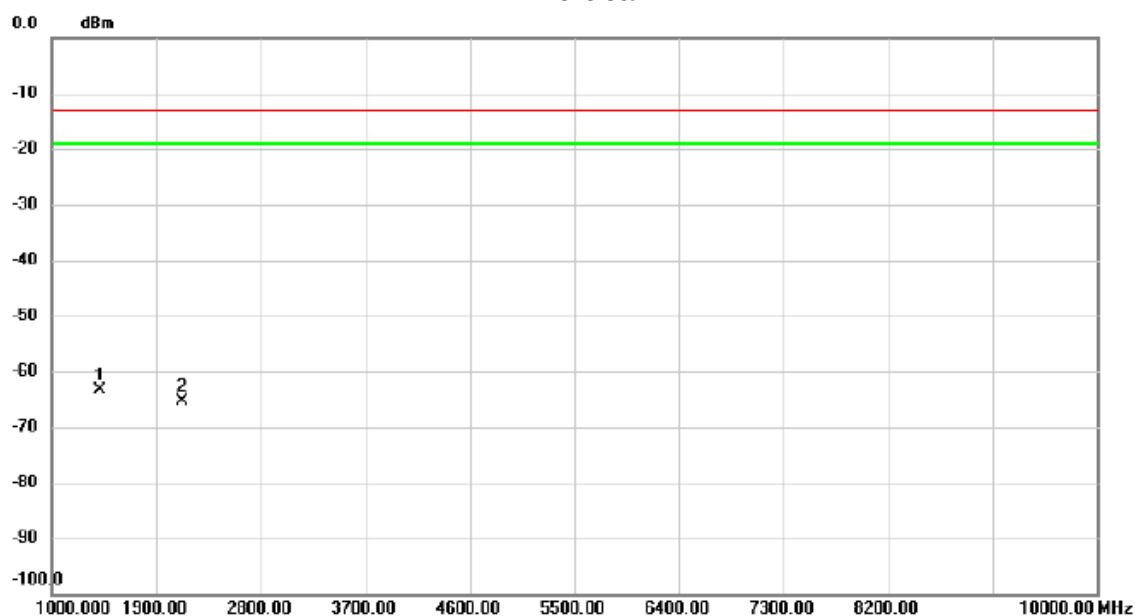
Horizontal



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
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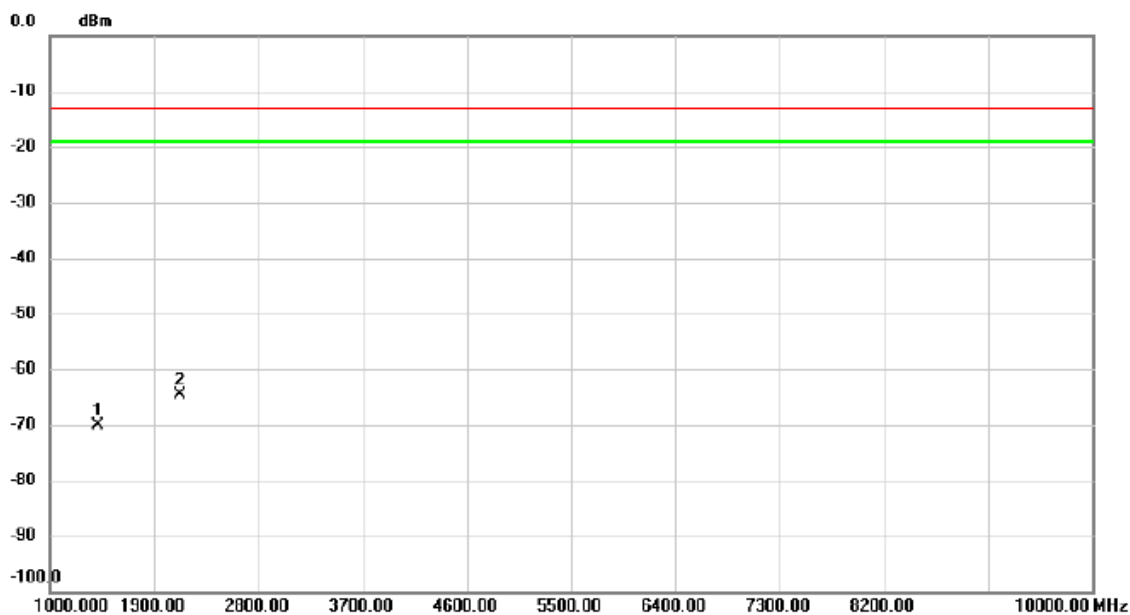
Vertical



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

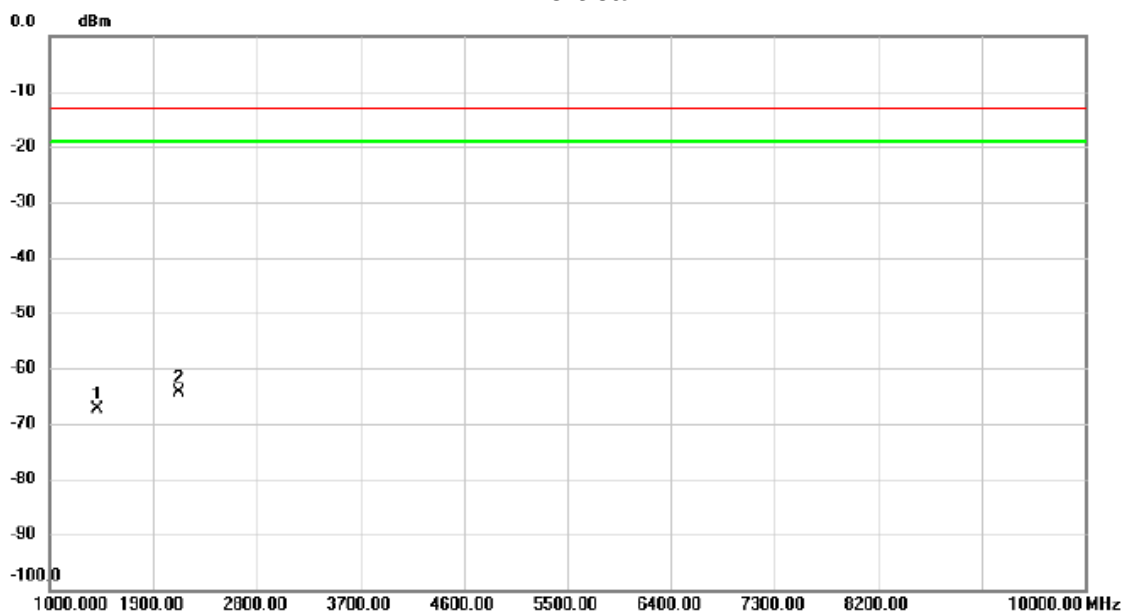
Horizontal



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

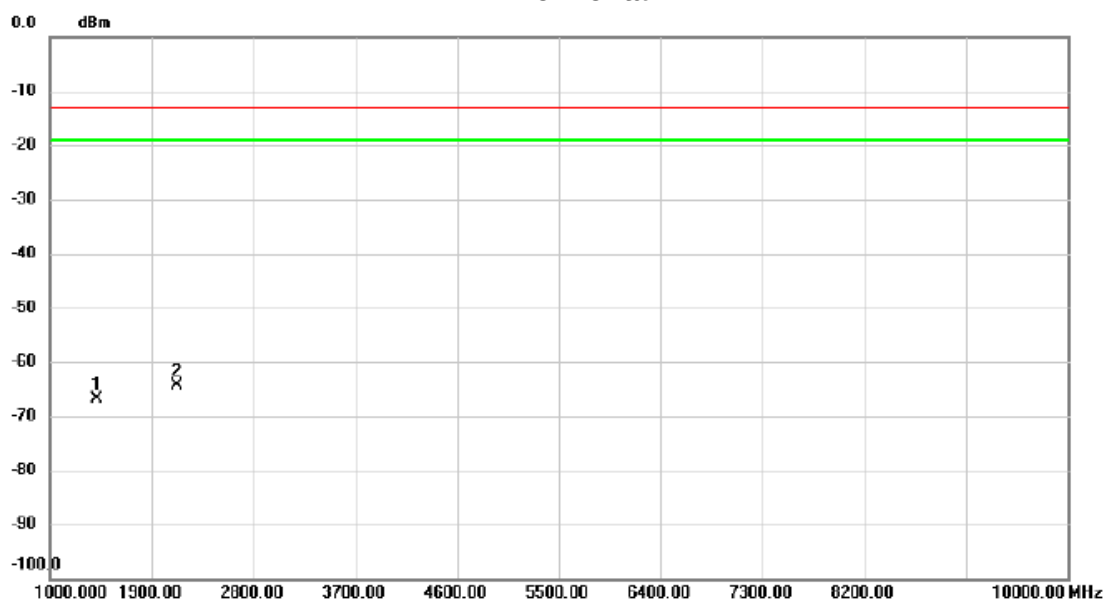
Vertical



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

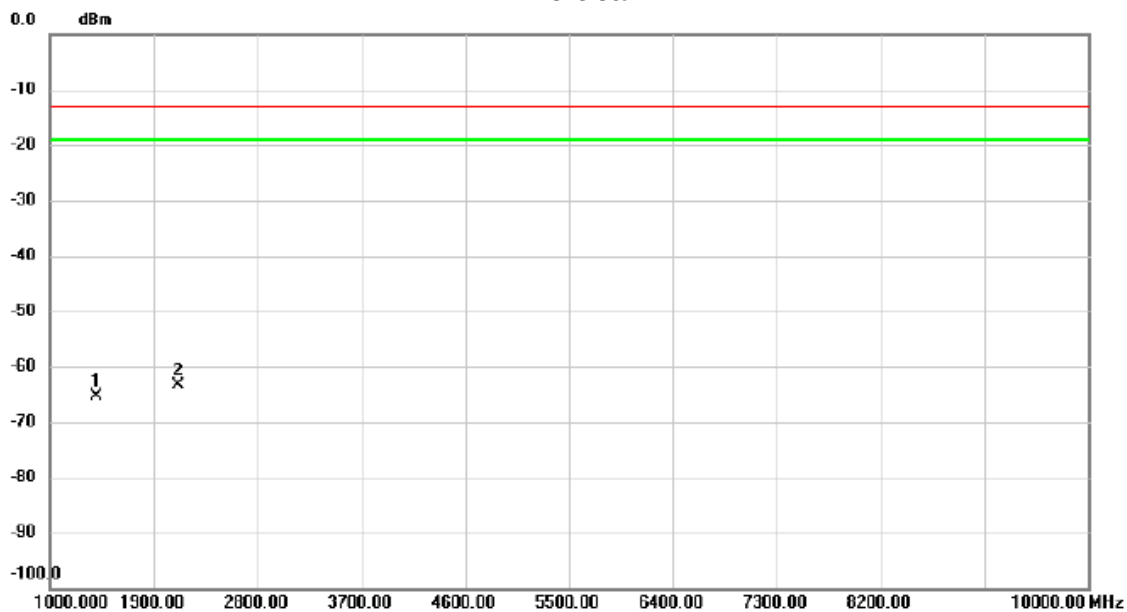
Horizontal



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

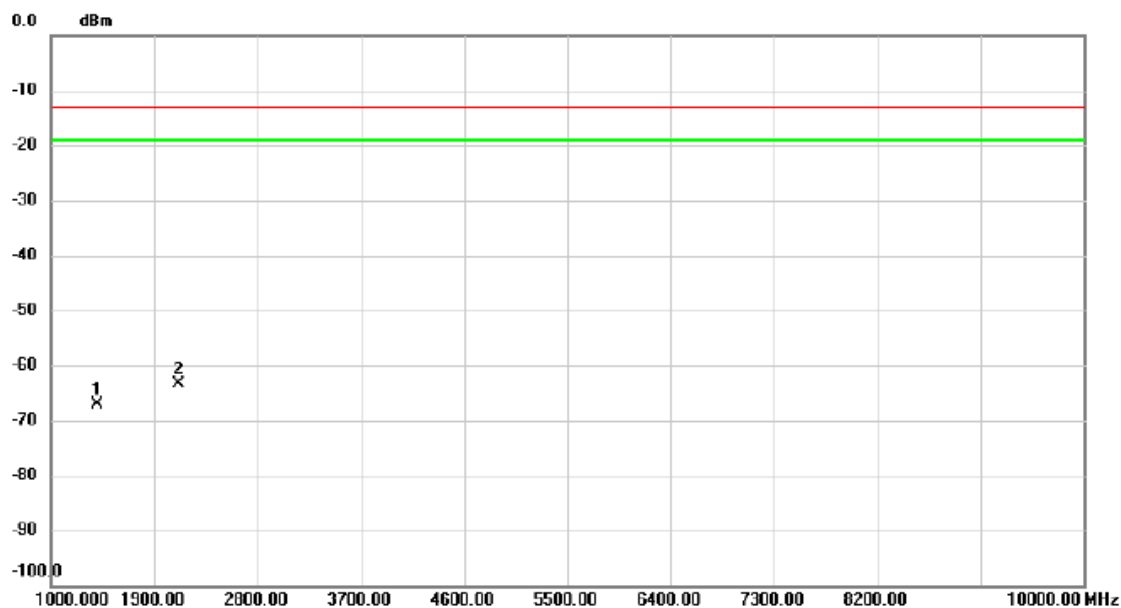
Vertical



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	

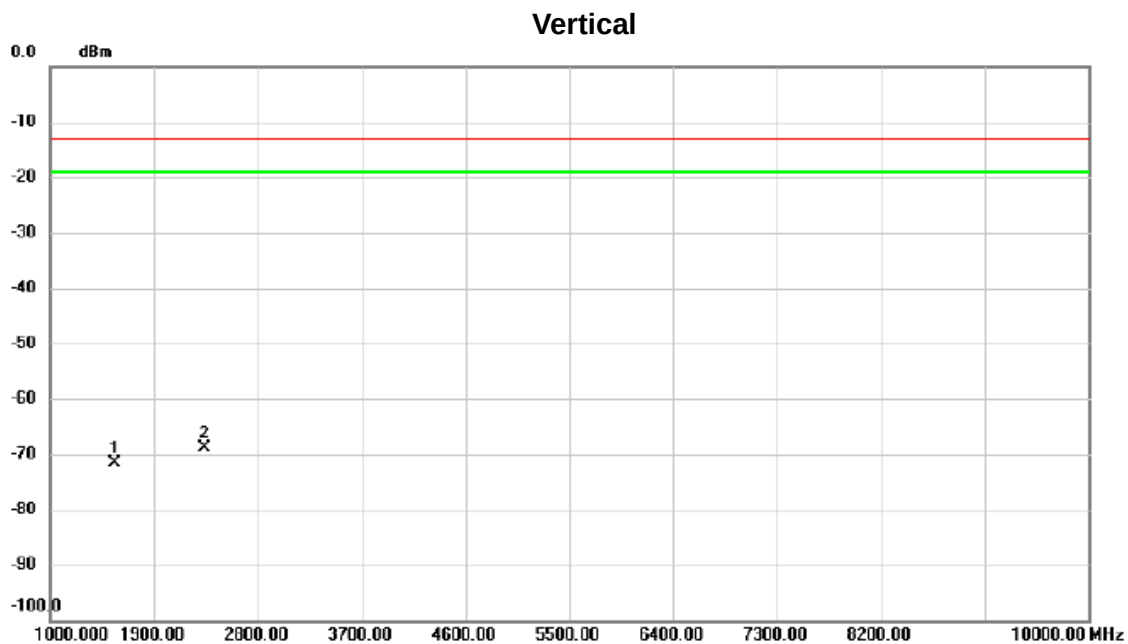
Test Mode: LTE Band 12_TX CH23095_10M

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	

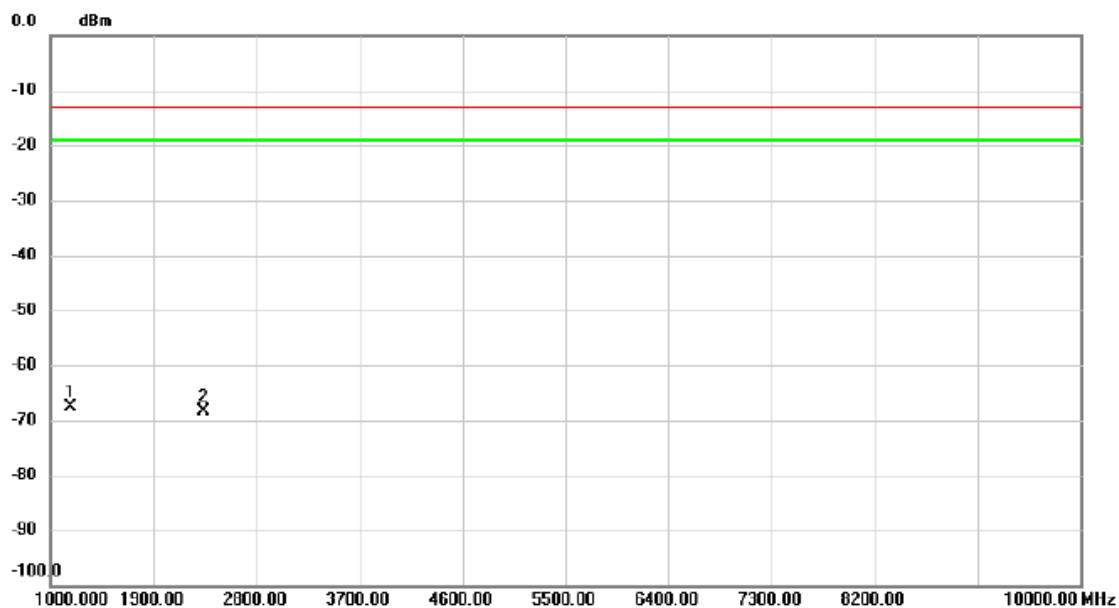
Test Mode: LTE Band 13_TX CH23230_5M



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

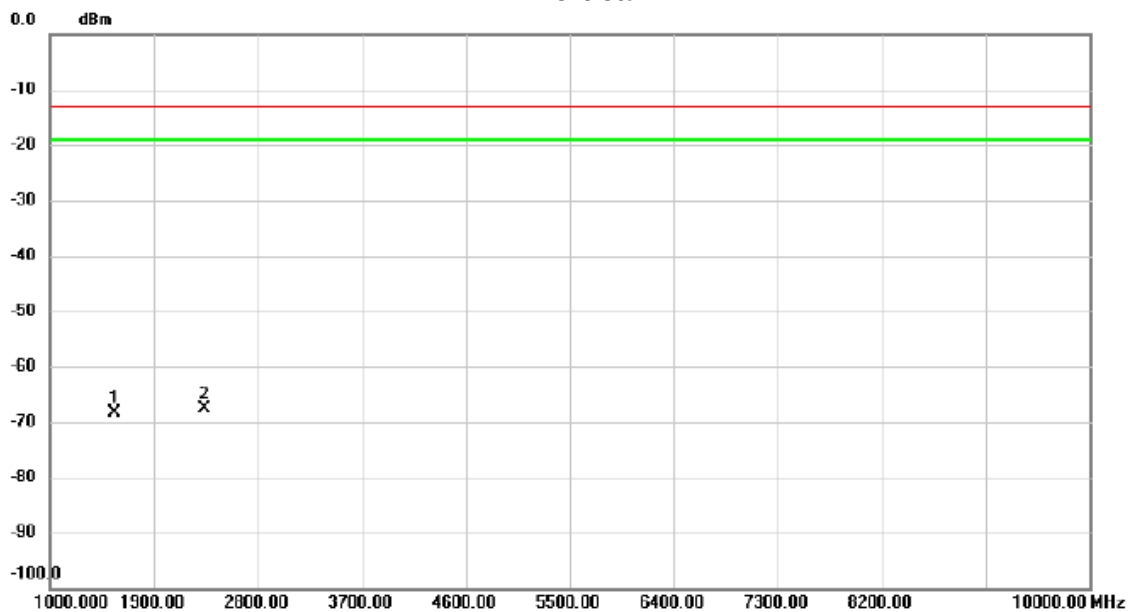
Horizontal



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

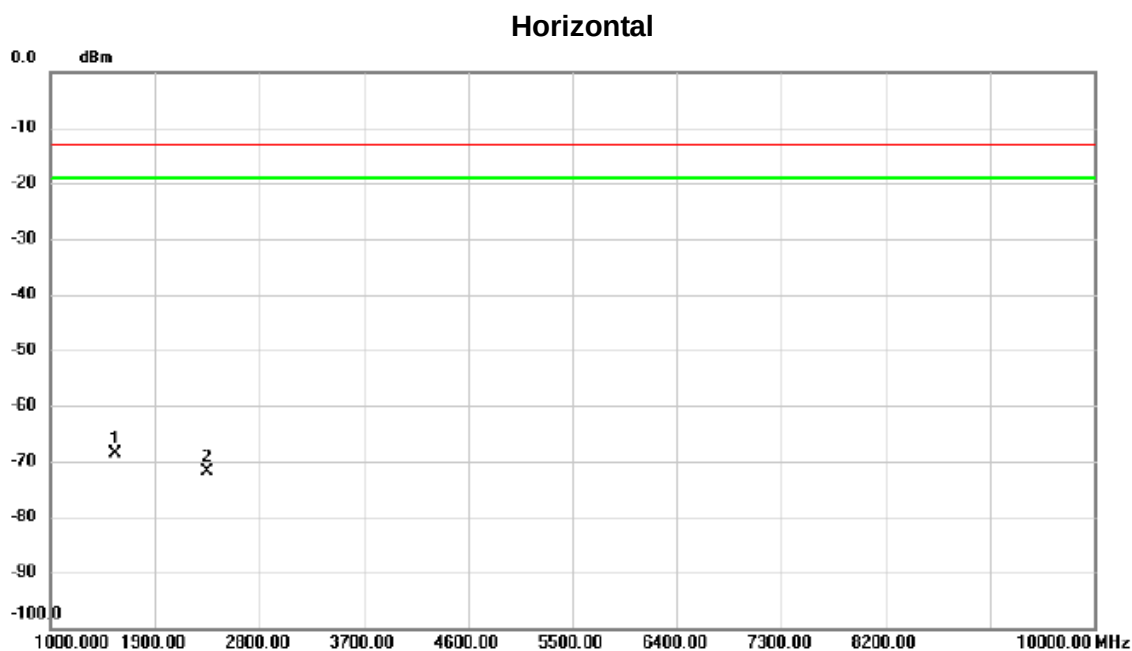
Vertical



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:

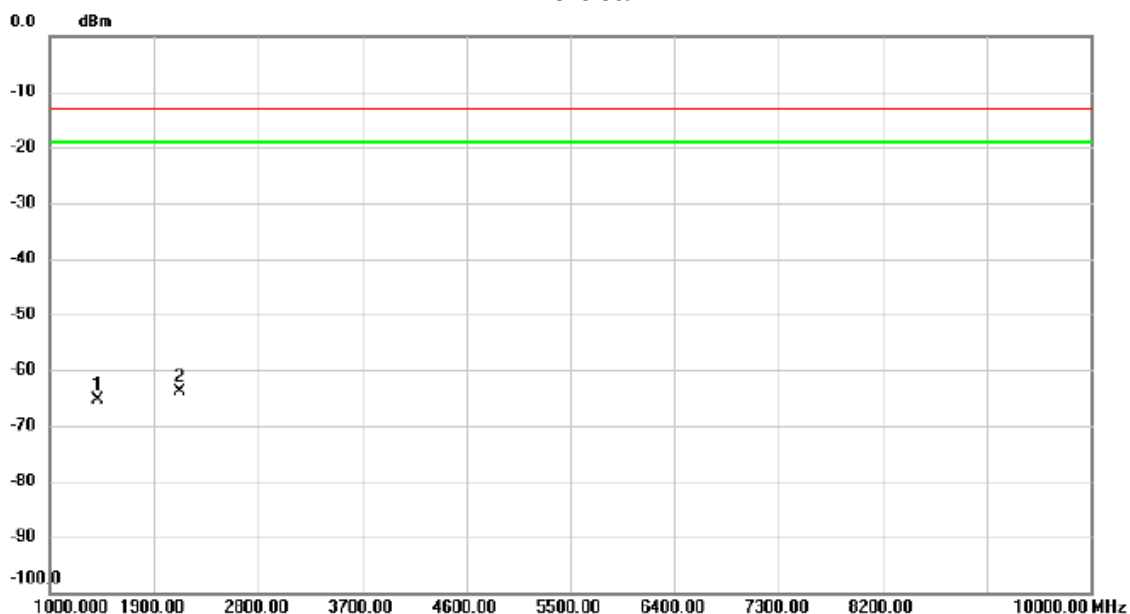
LTE Band 13_TX CH23230_10M



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

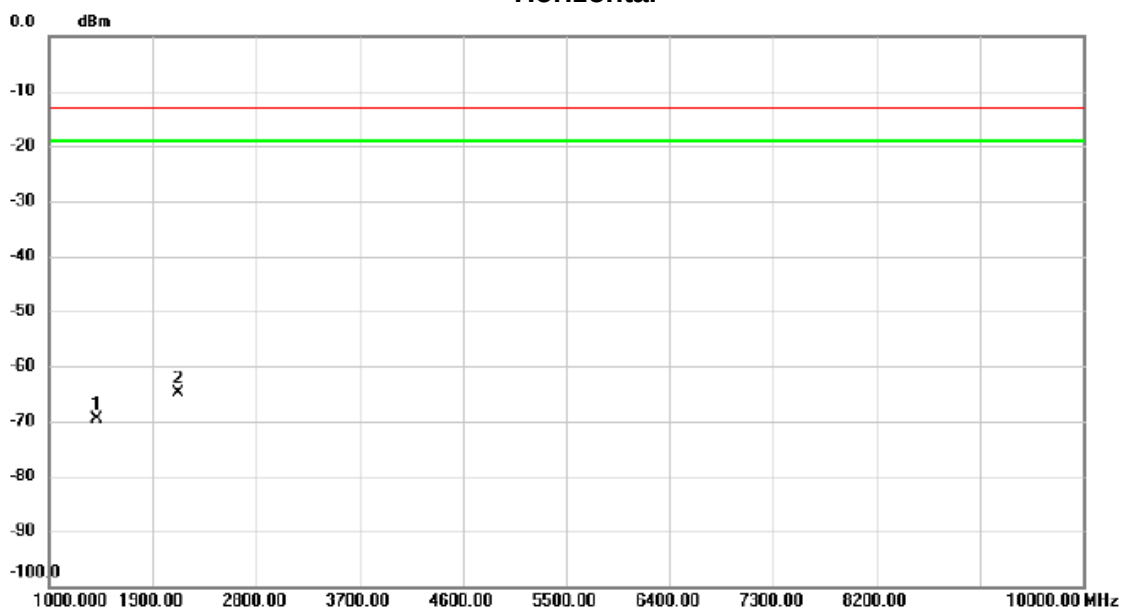
Vertical



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

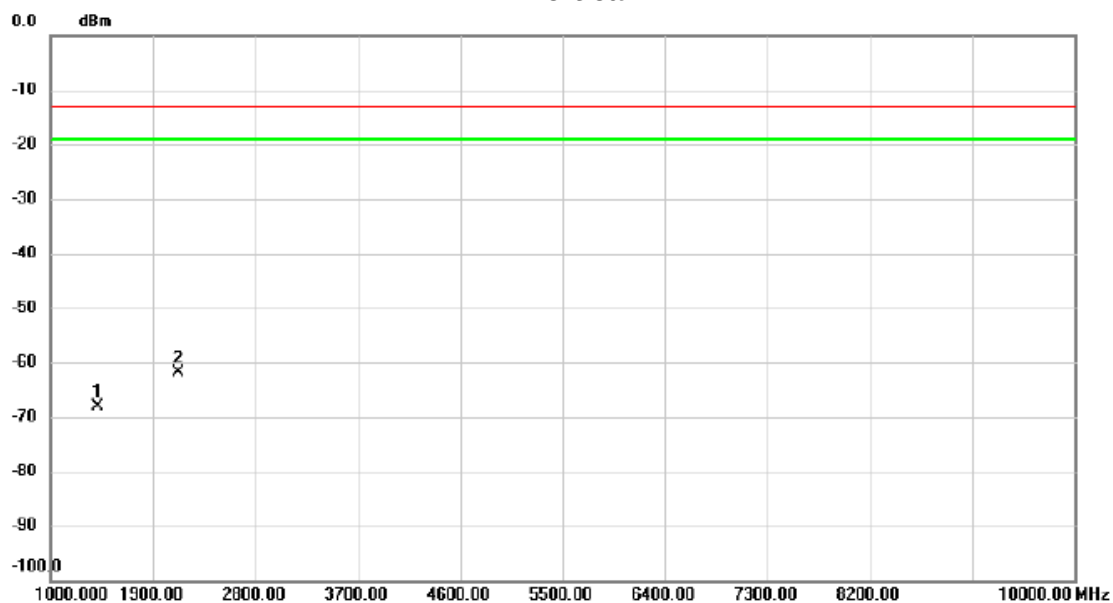
Horizontal



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

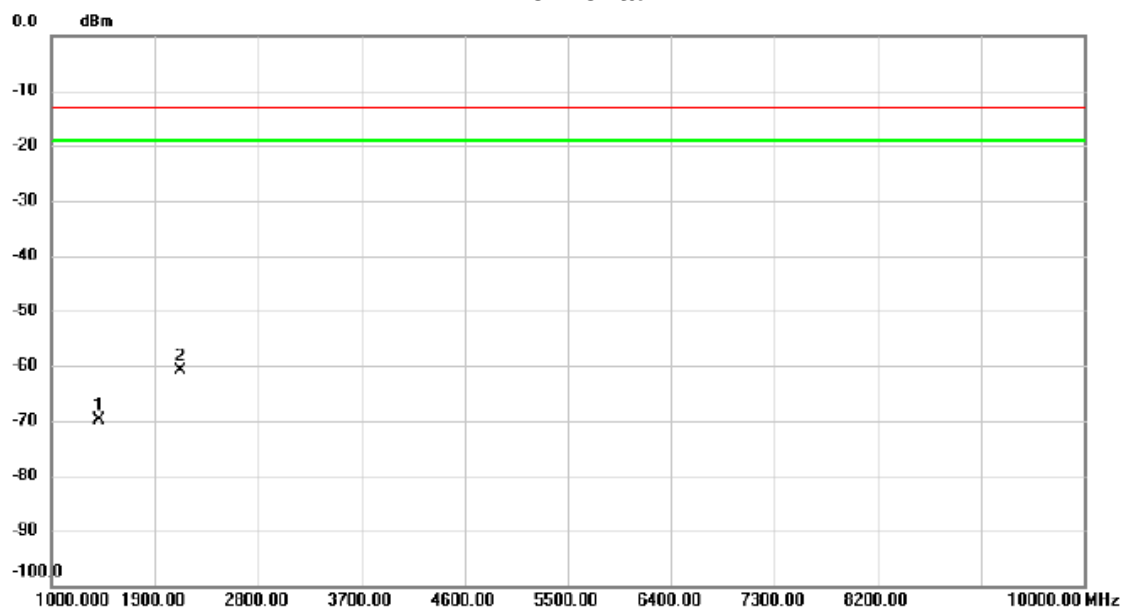
Vertical



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	

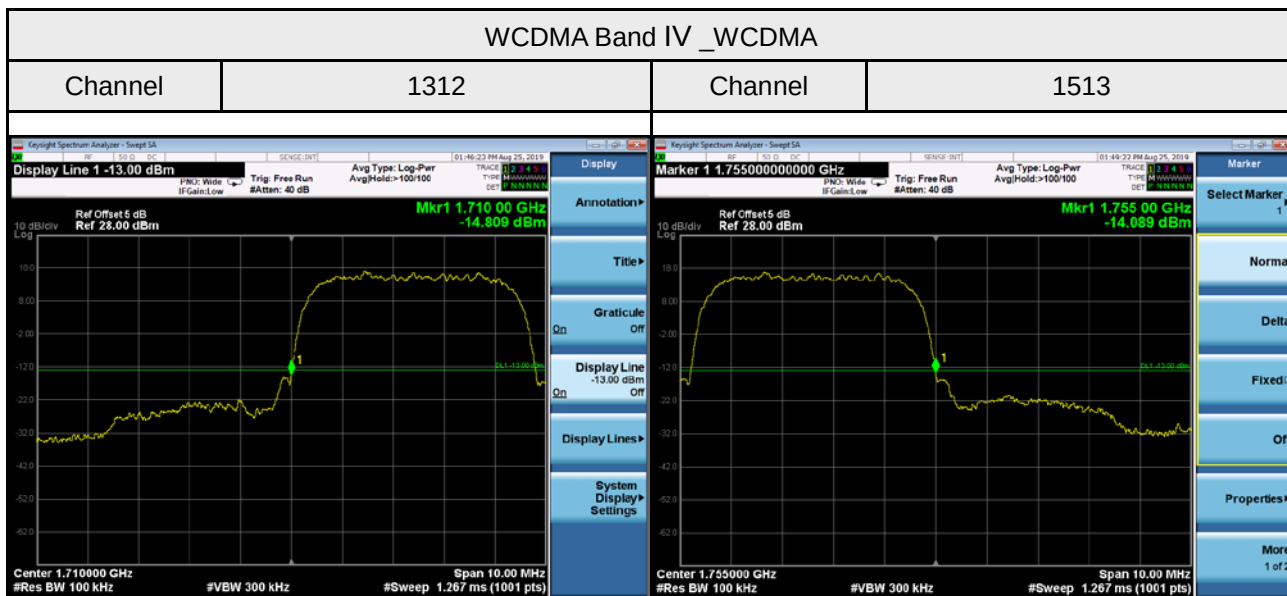
Test Mode: LTE Band 17_TX CH23790_10M

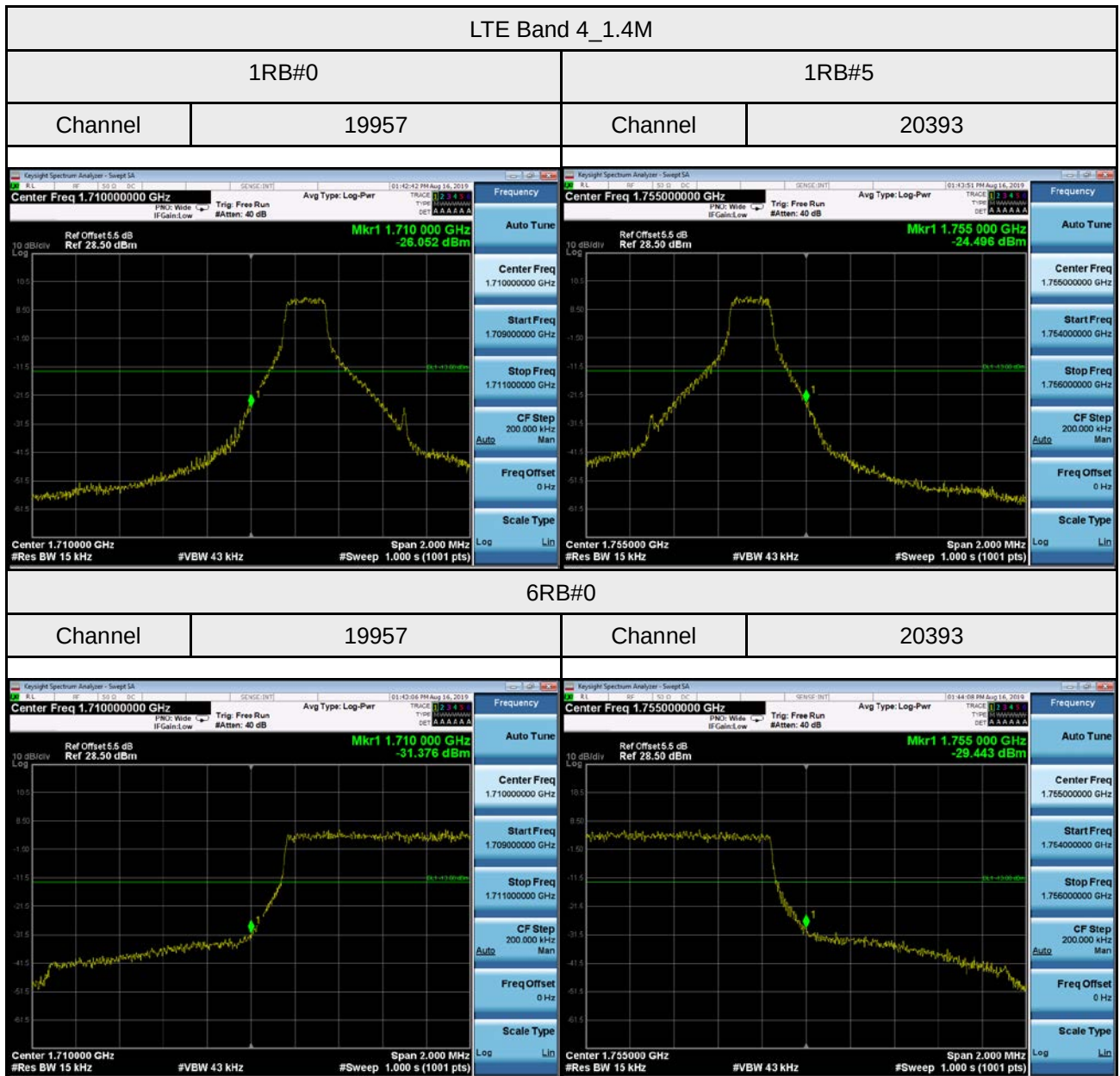
Horizontal

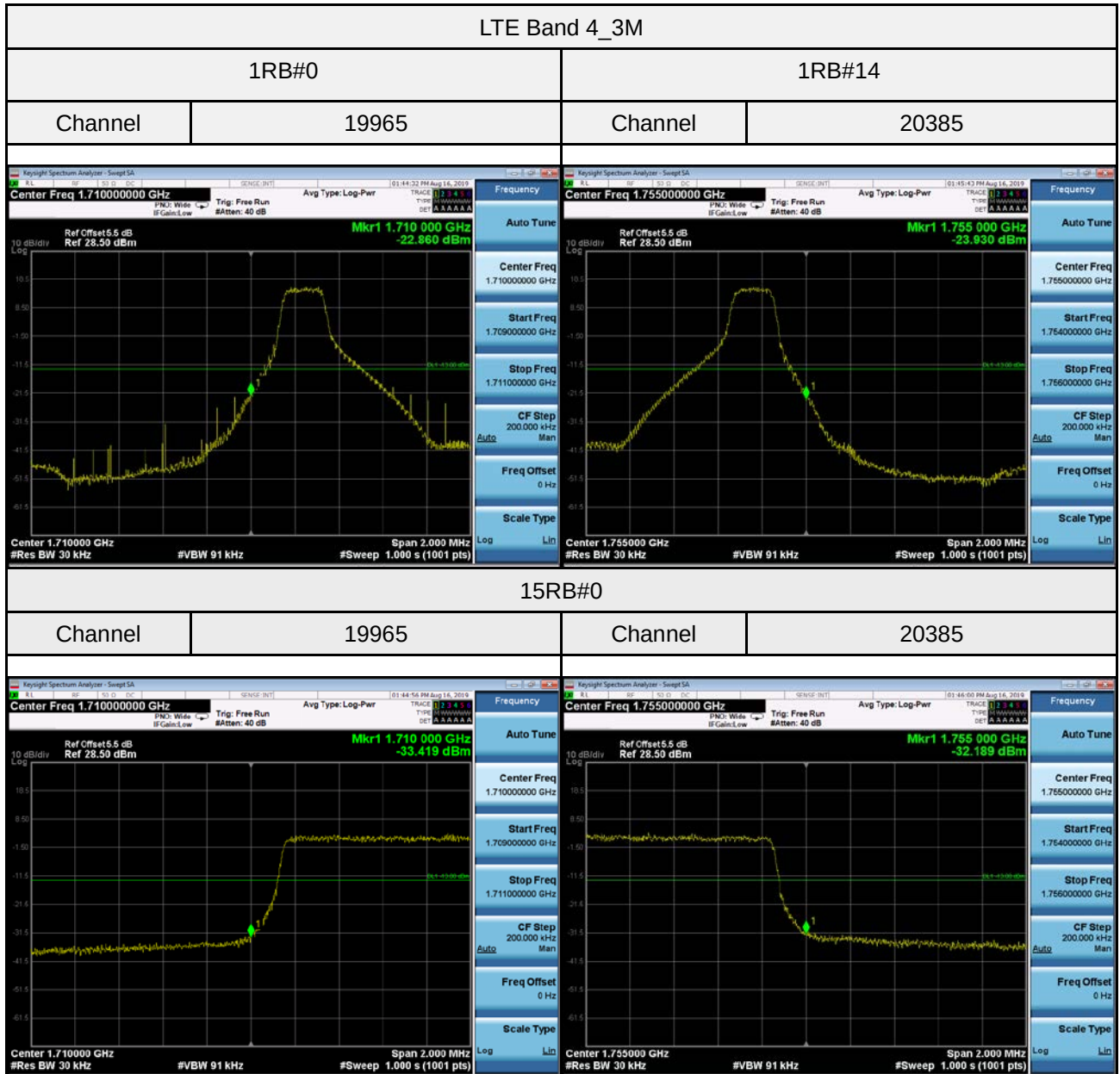


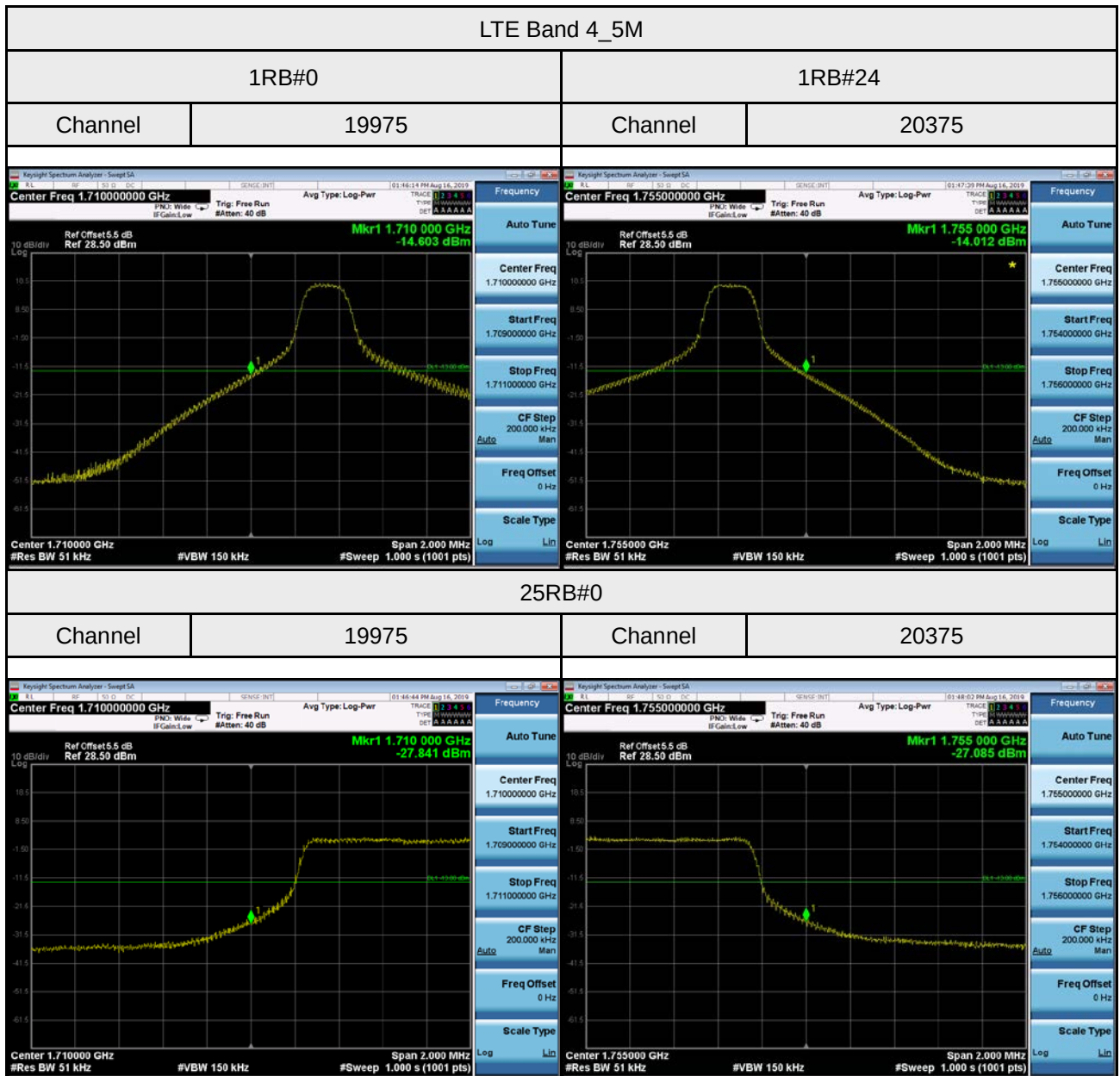
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1411.300	-50.98	-18.94	-69.92	-13.00	-56.92	peak	
2	*	2116.600	-44.69	-16.27	-60.96	-13.00	-47.96	peak	

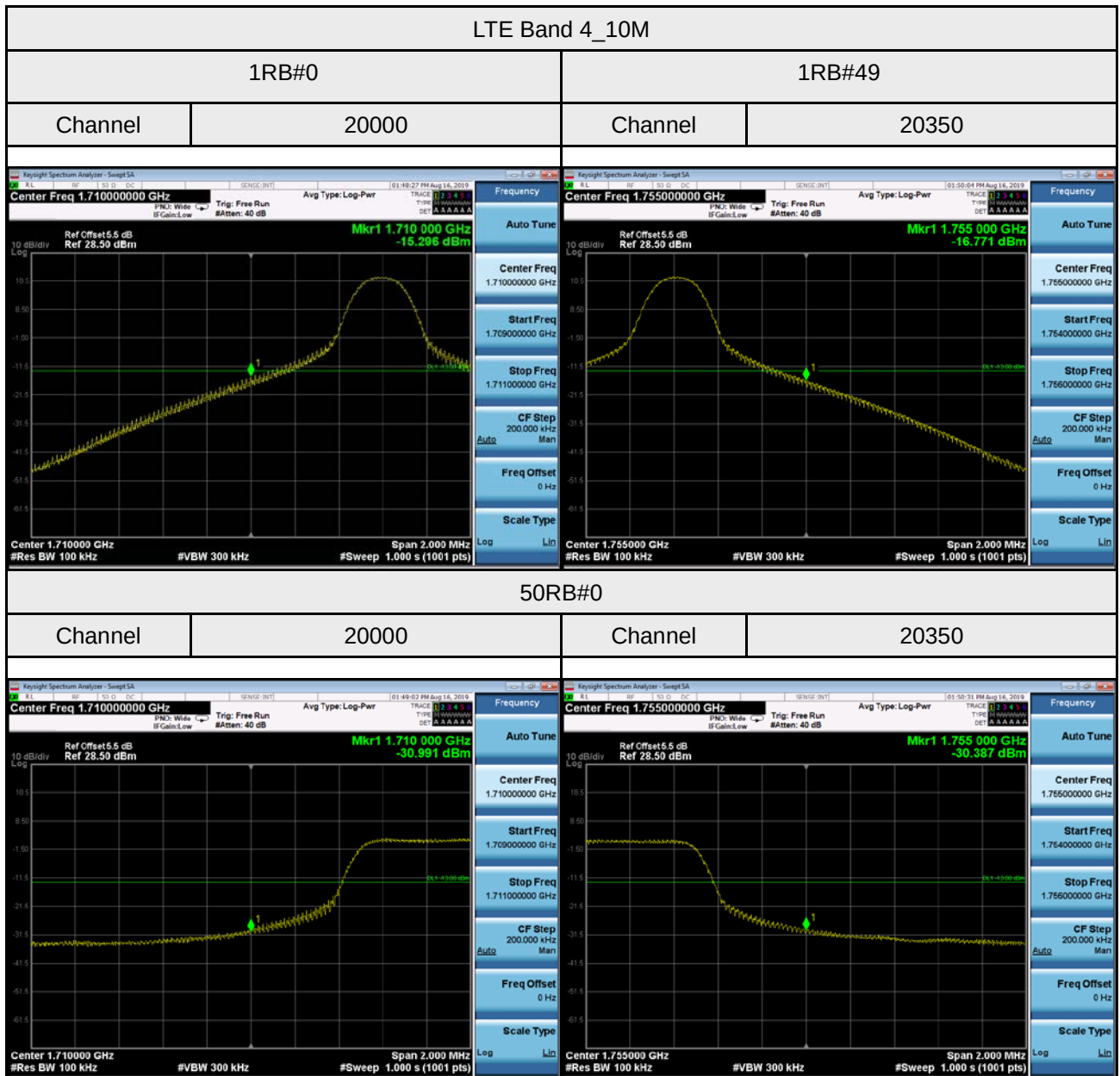
APPENDIX G - BAND EDGE

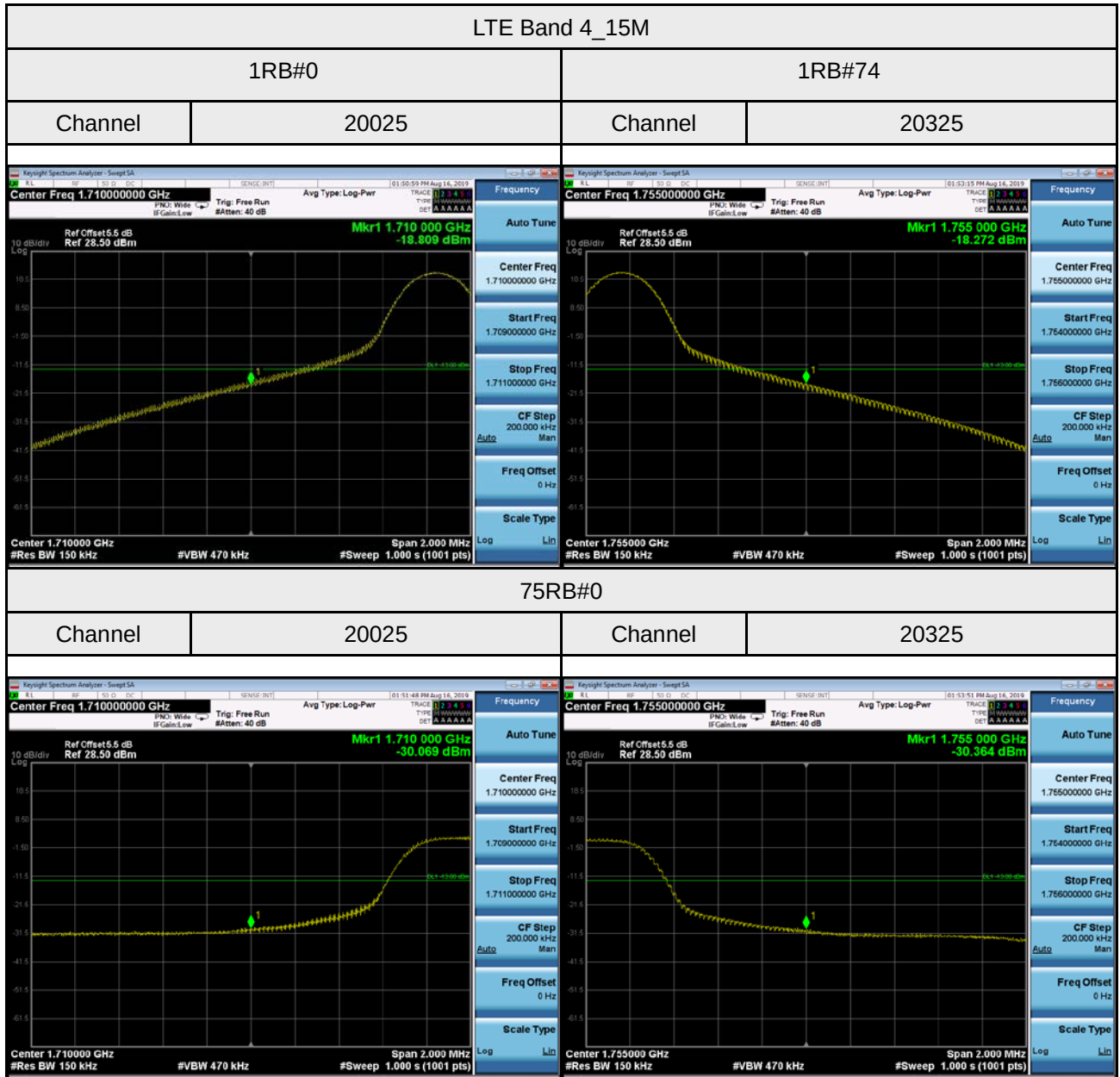


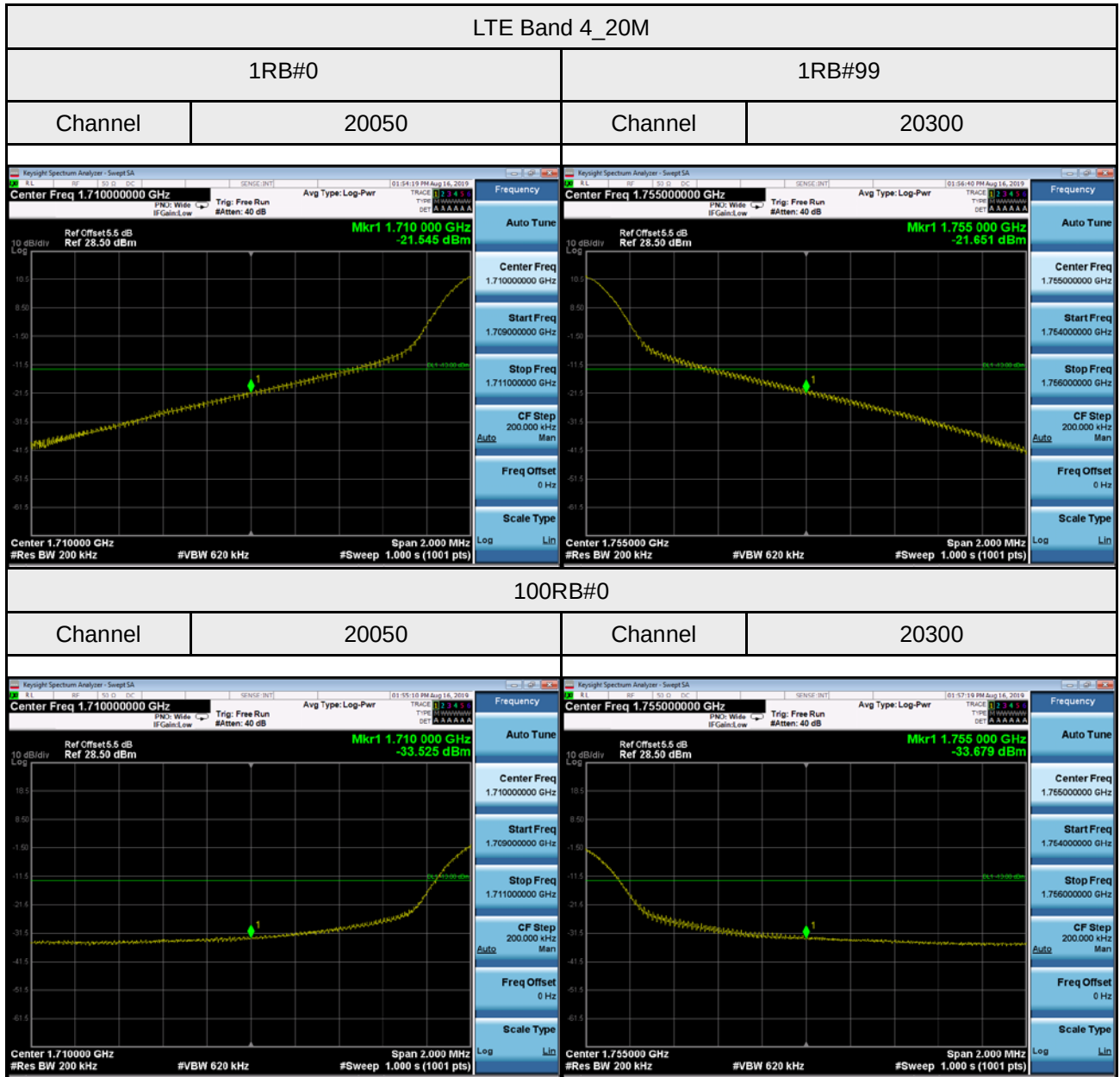


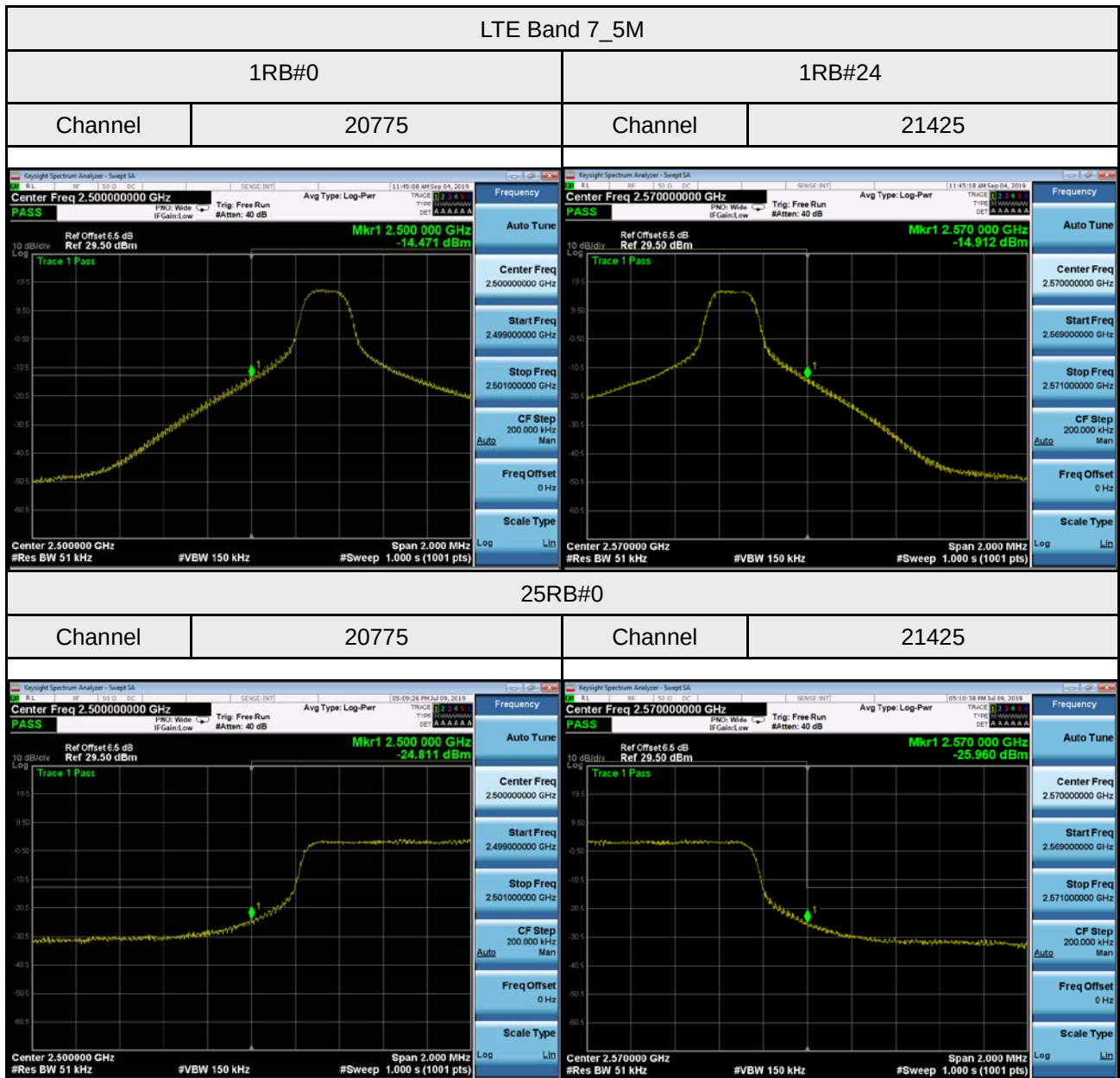


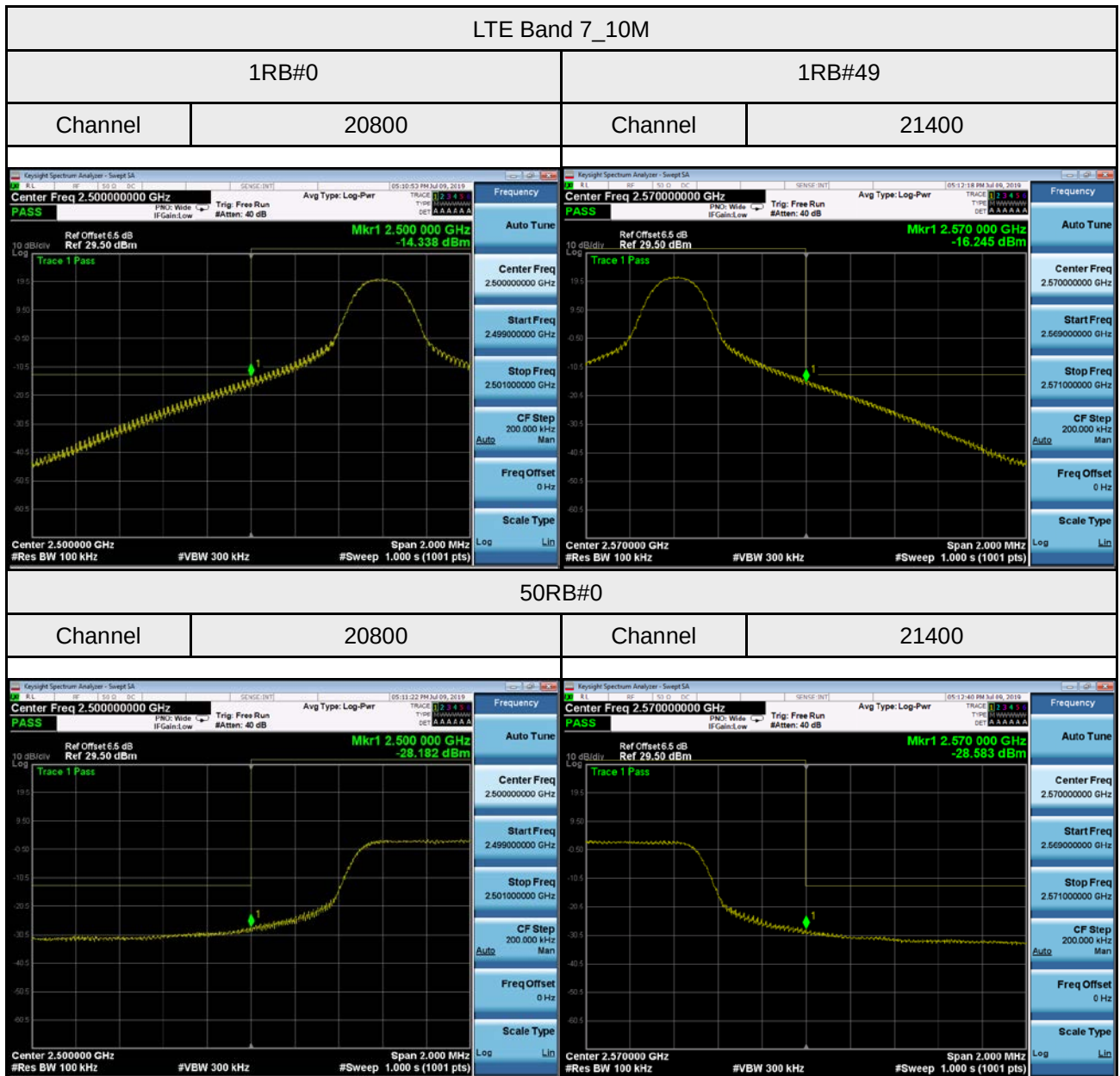


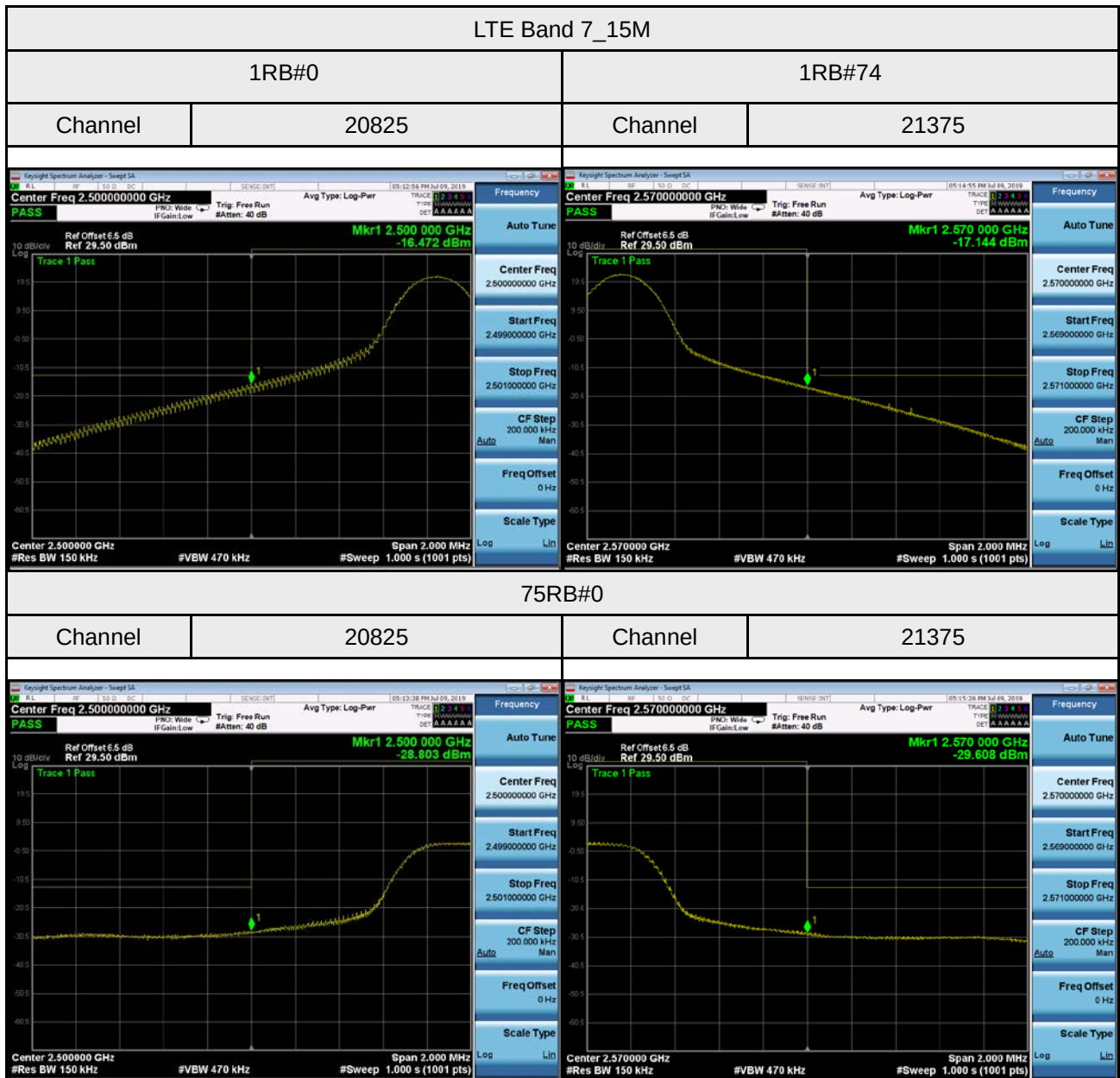


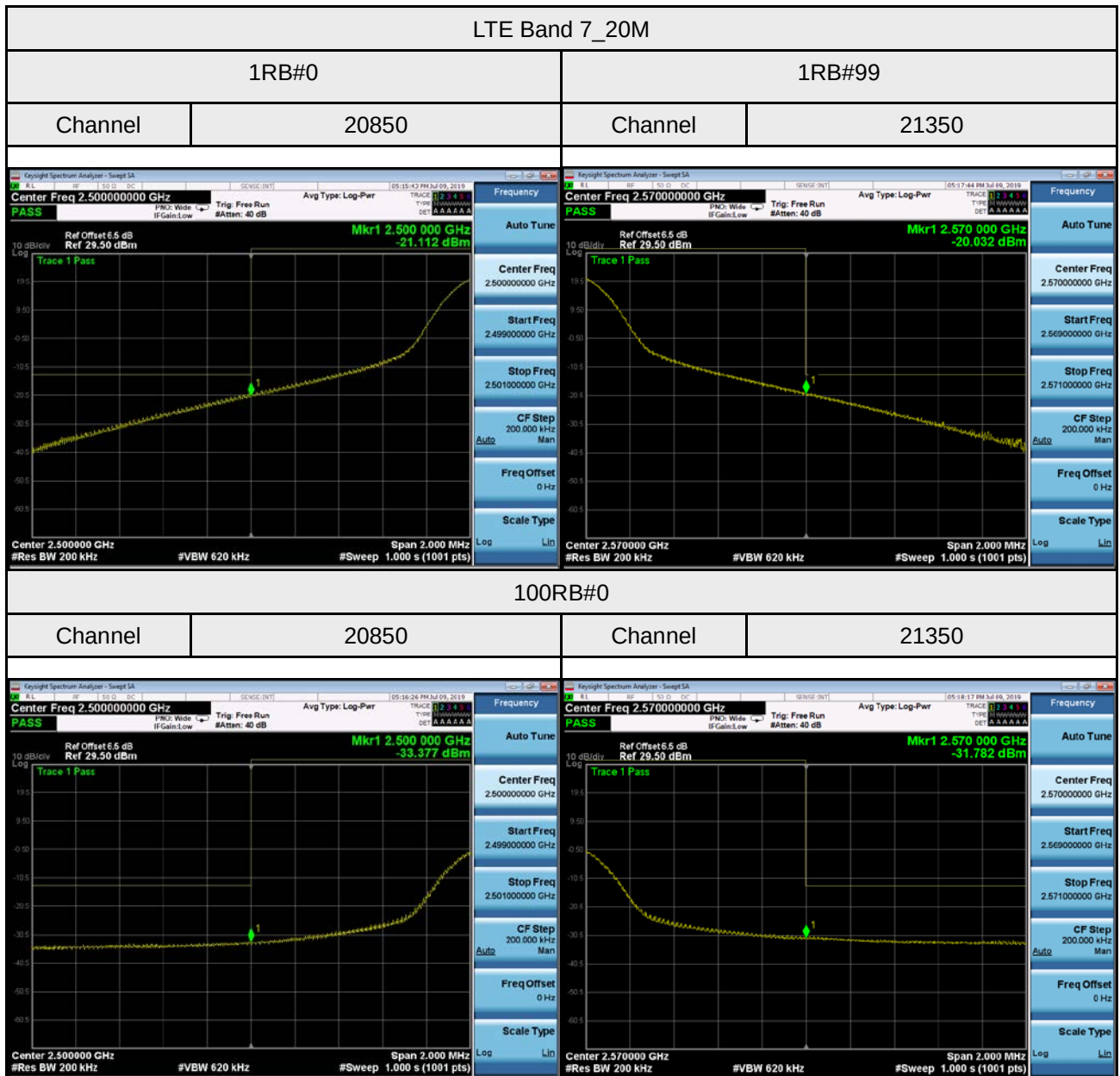


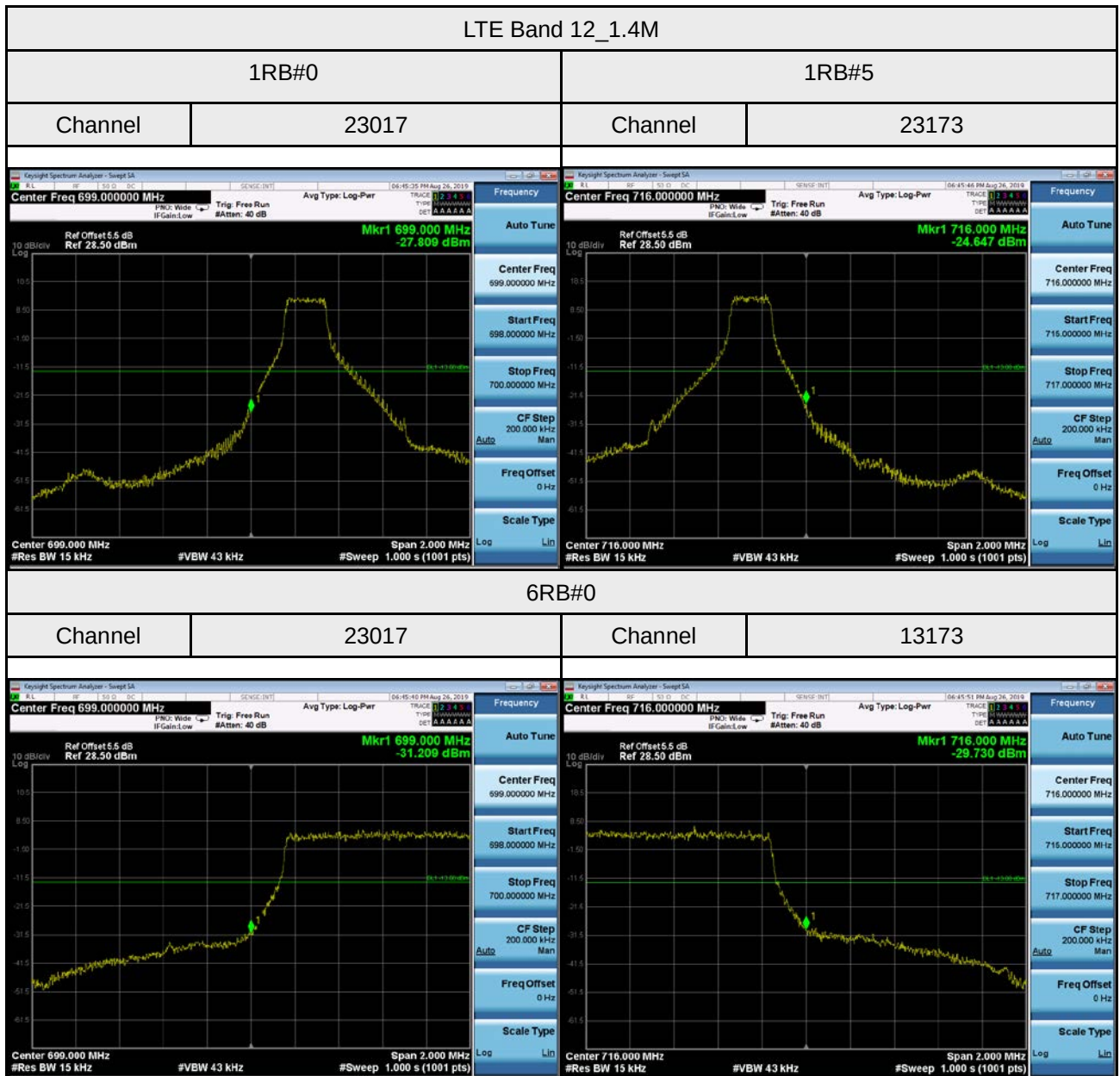


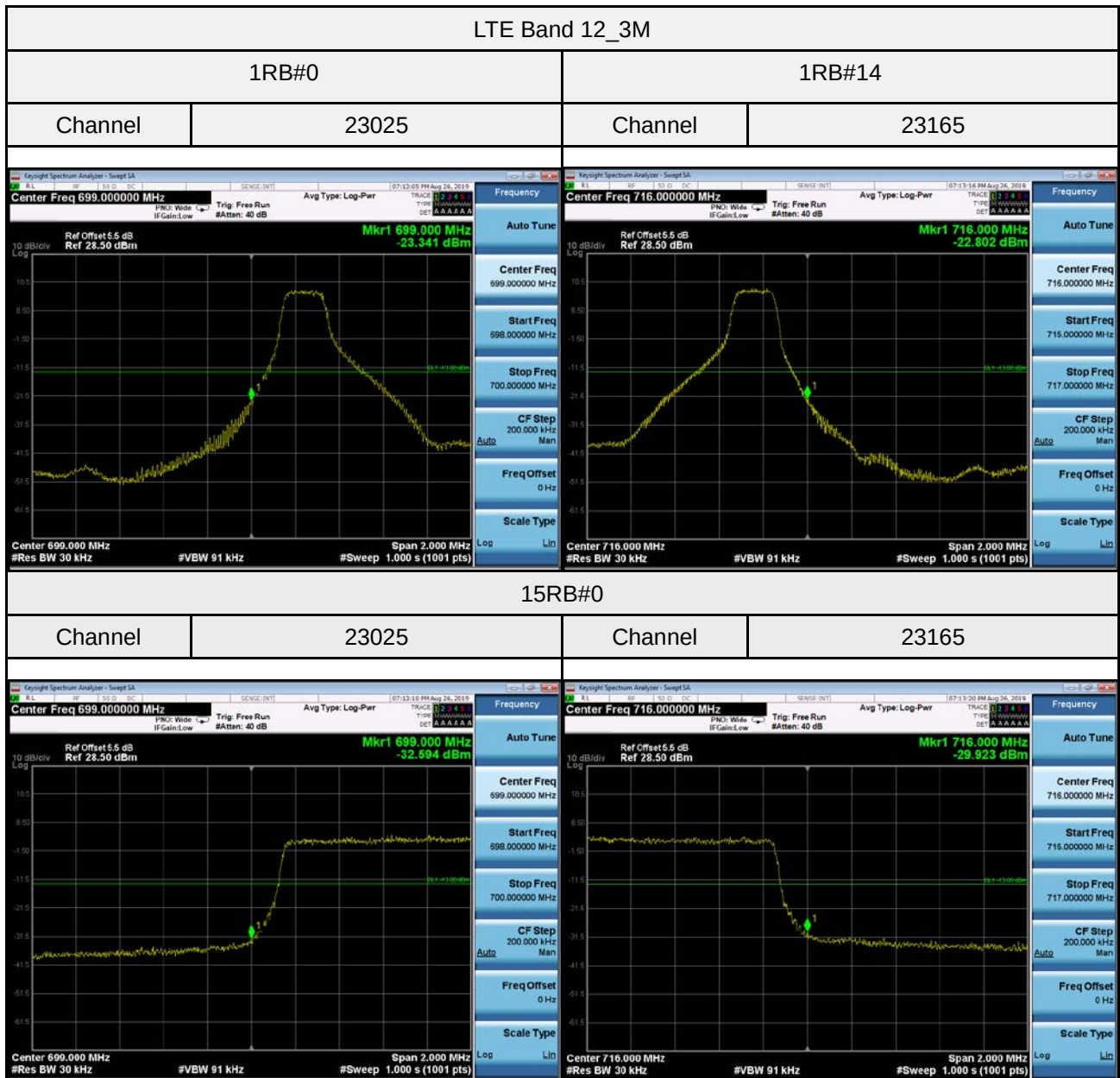


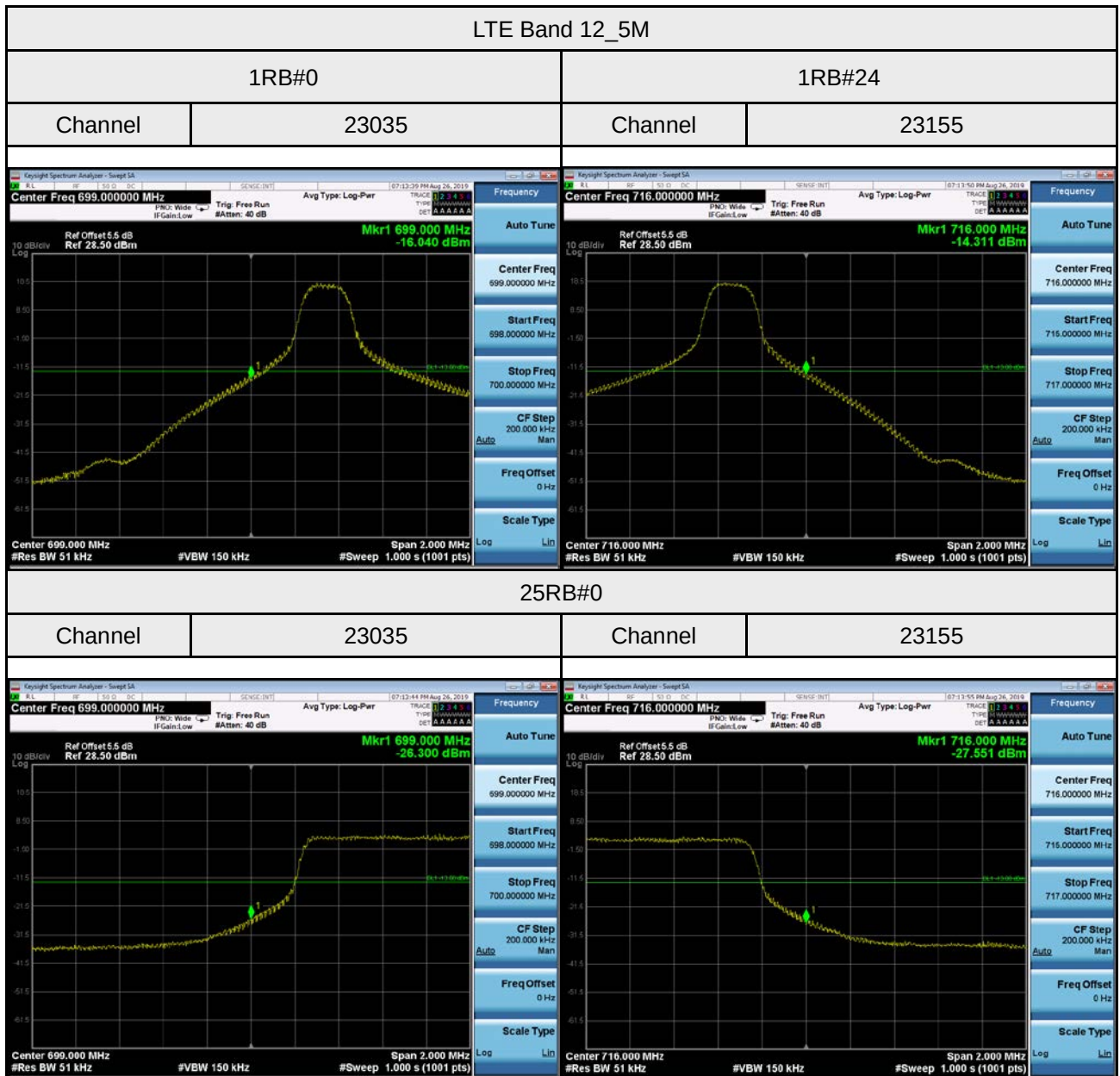


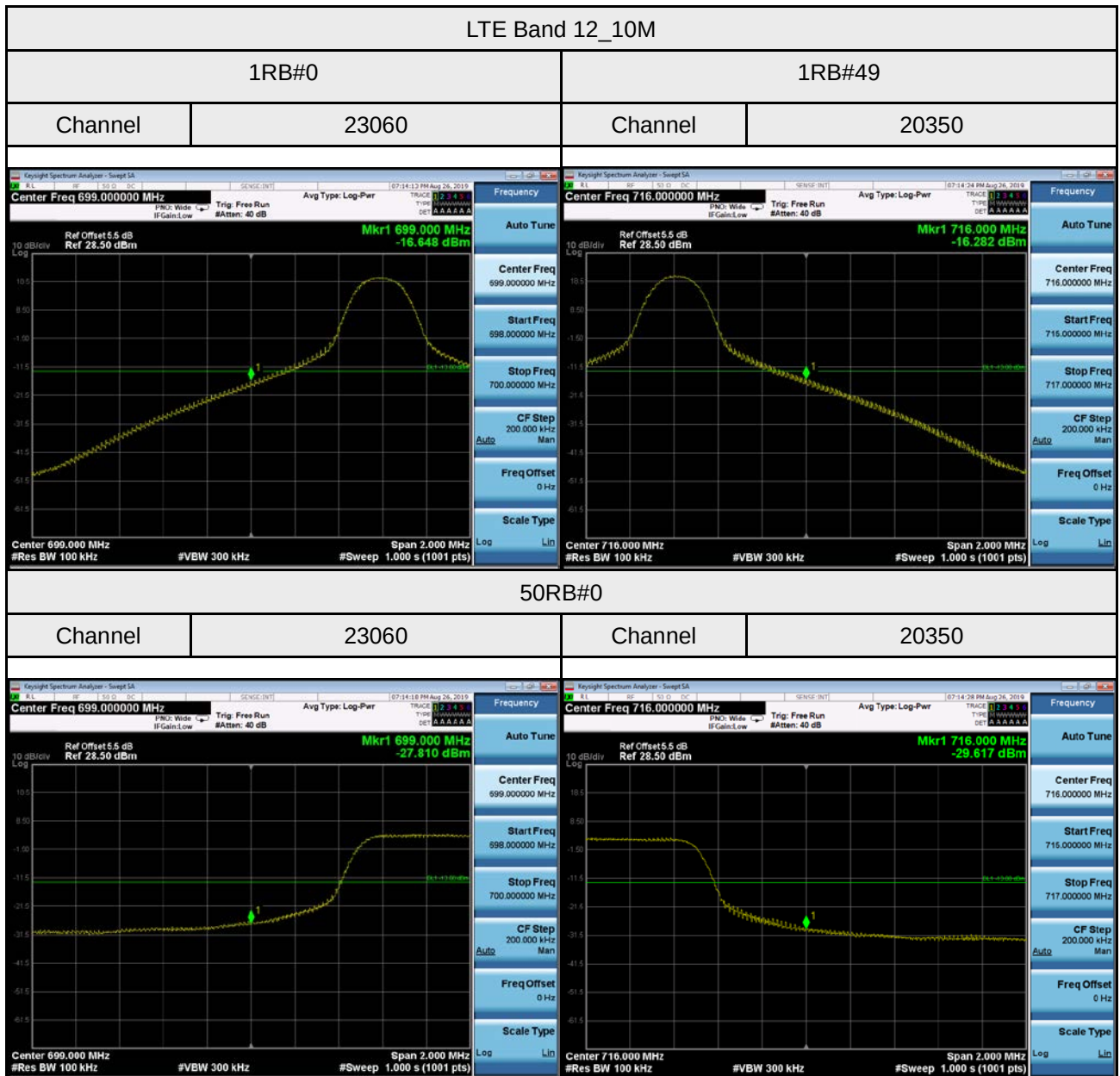


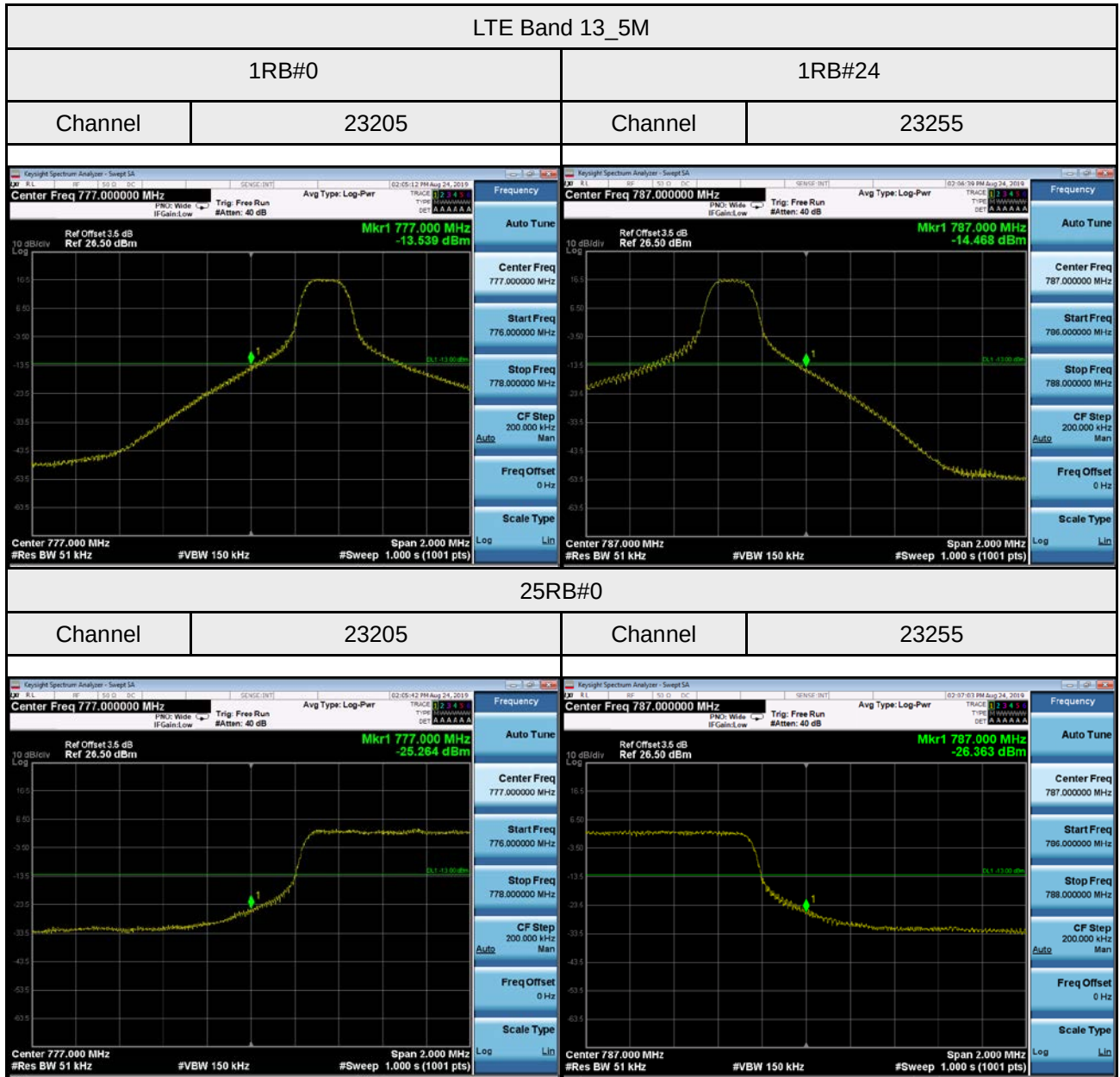


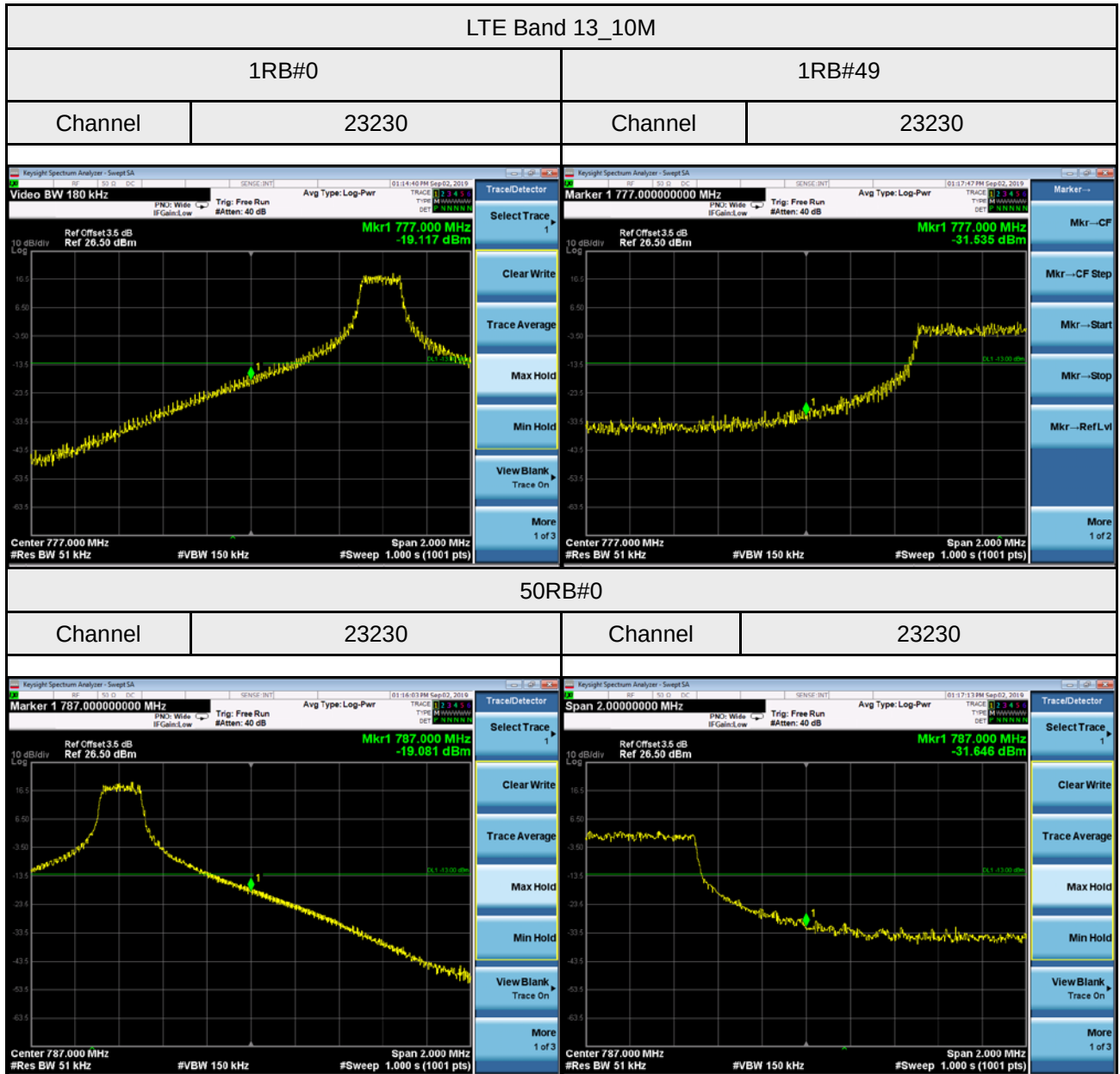


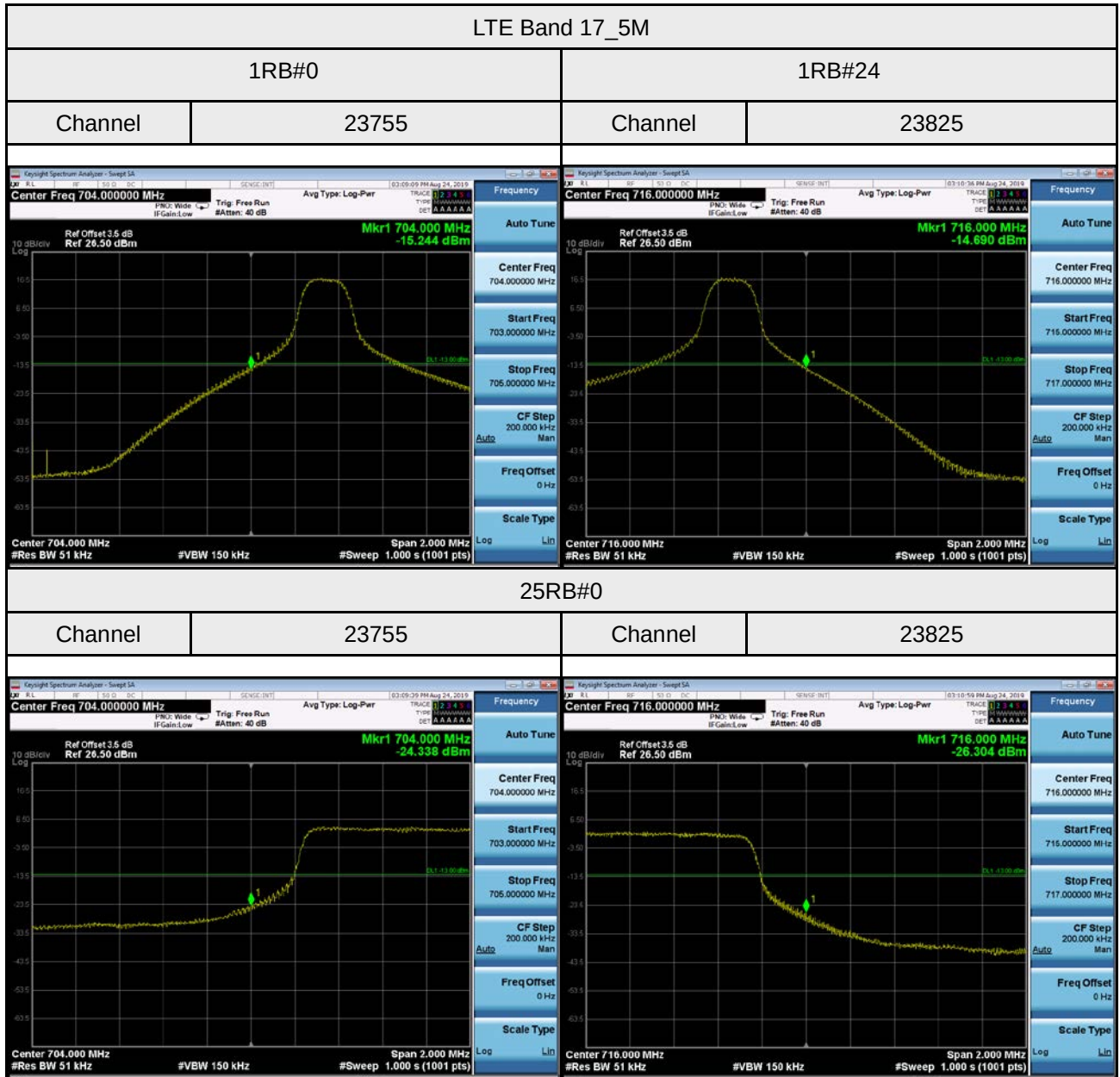


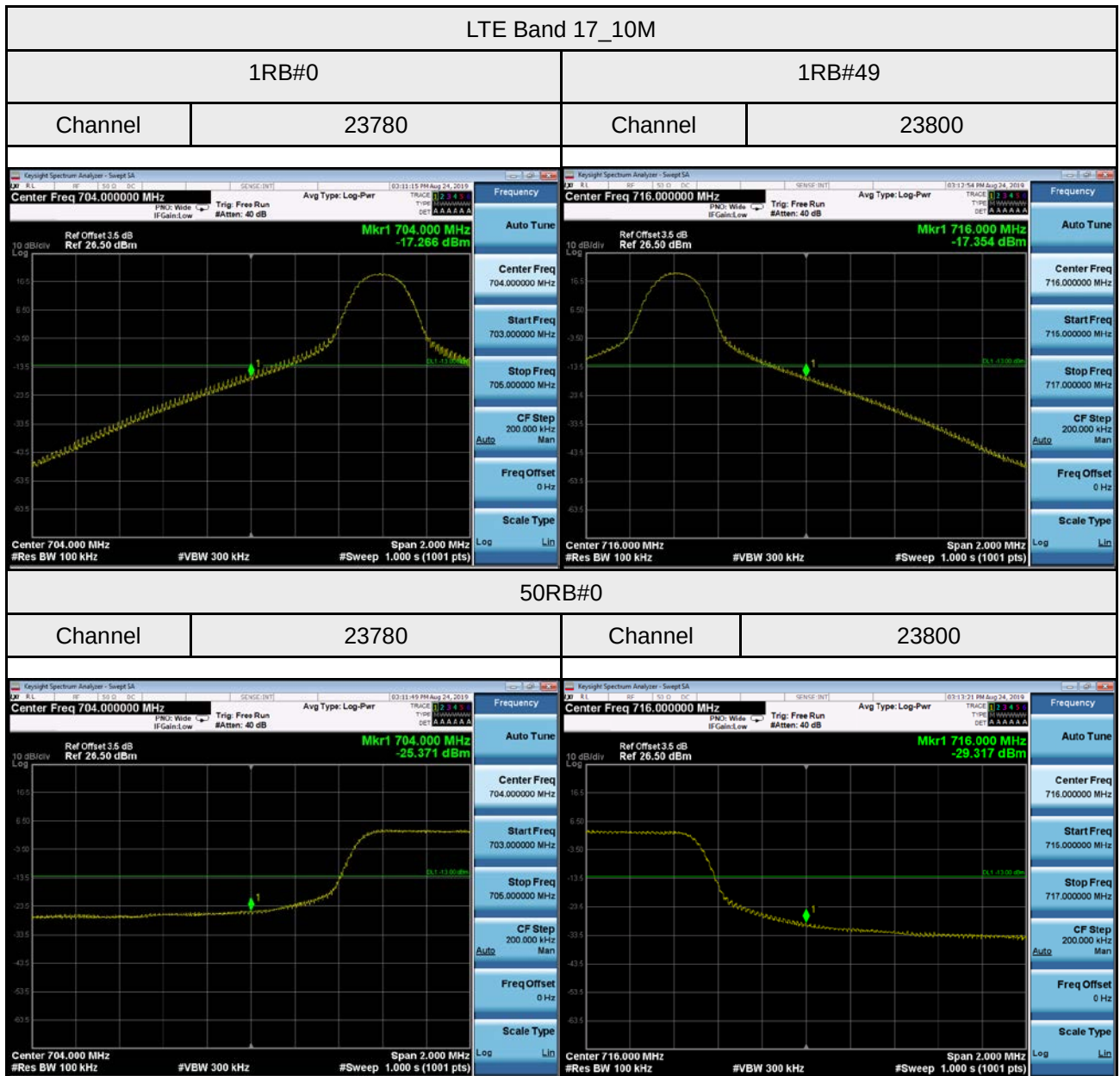






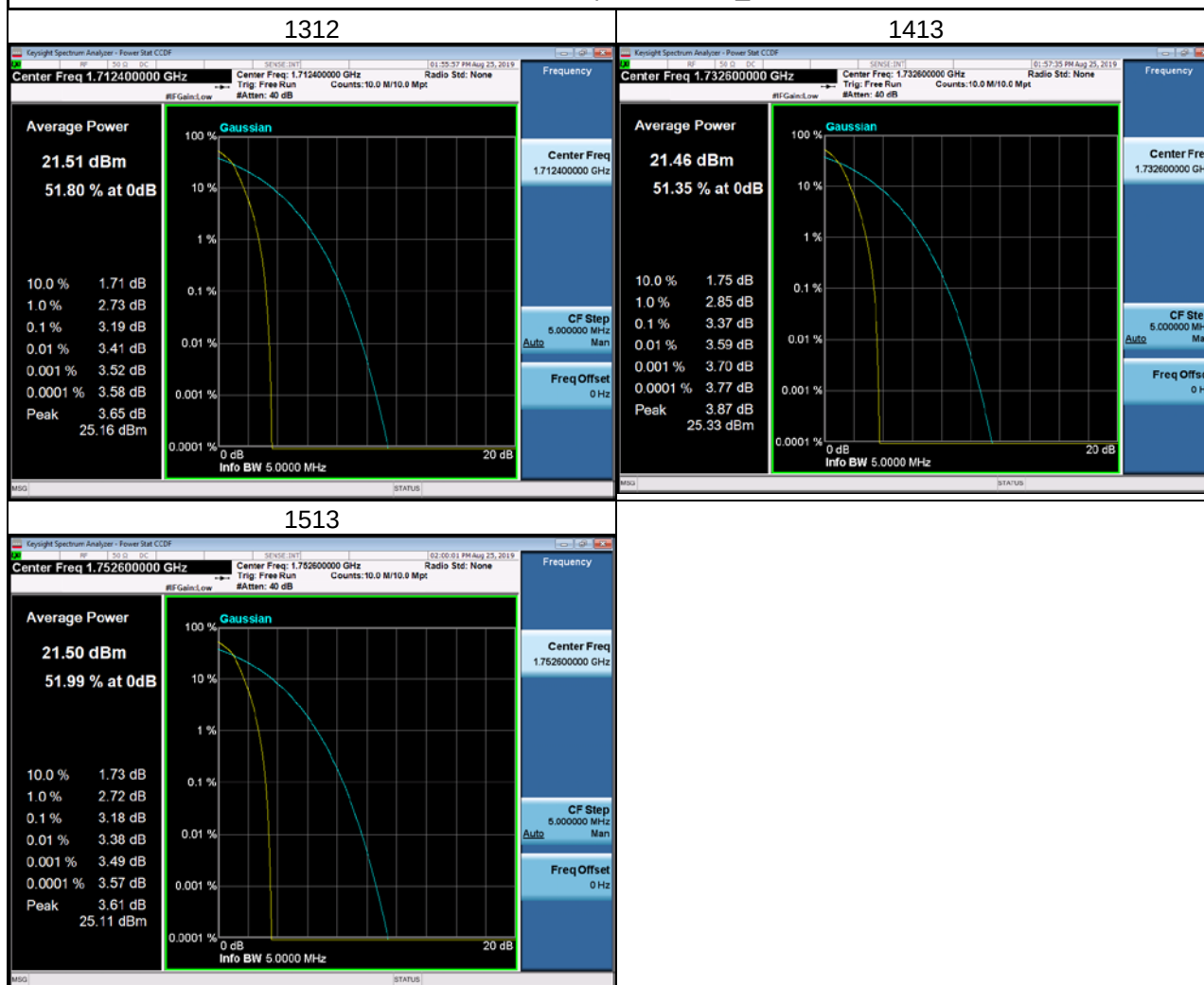




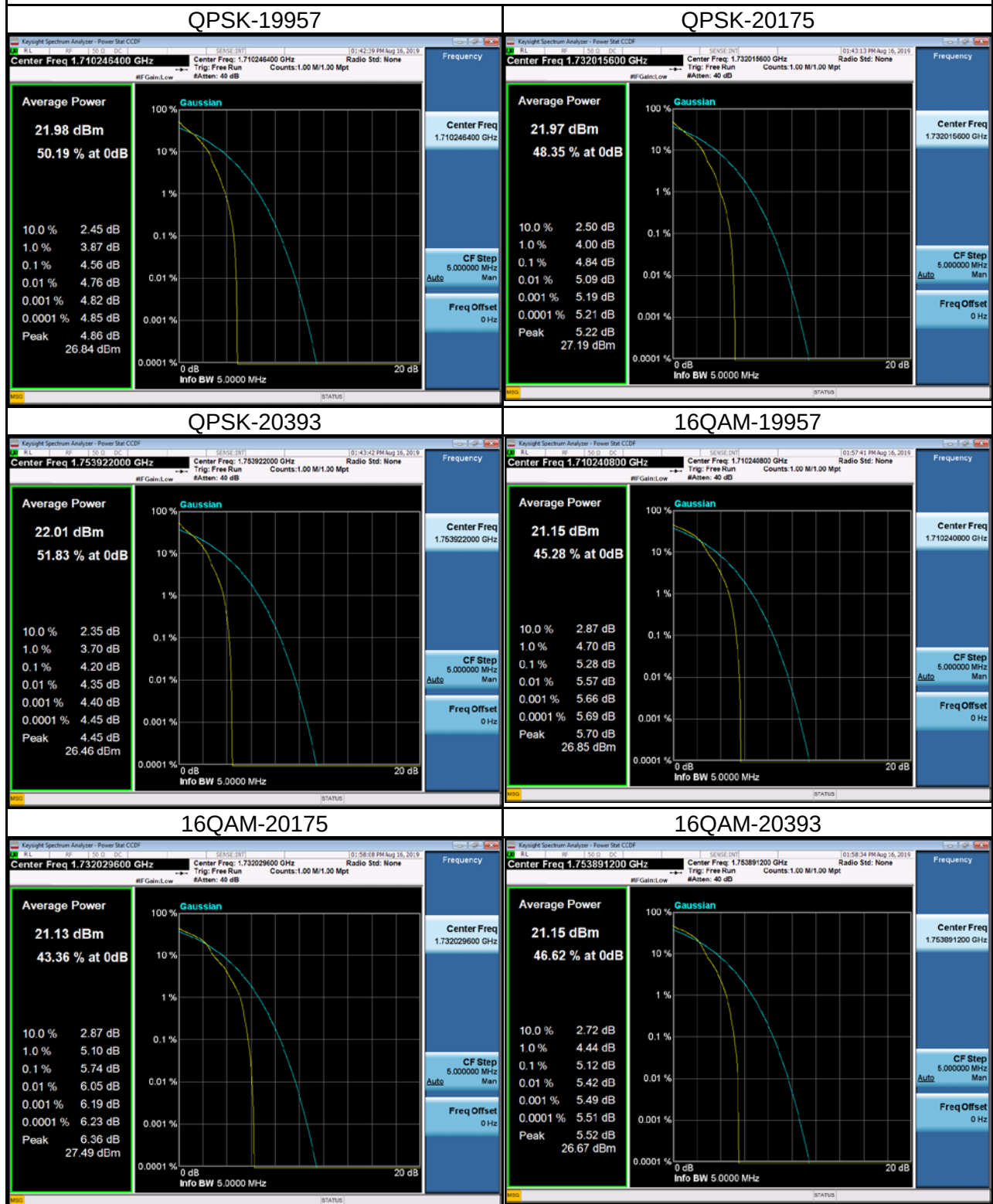


APPENDIX H - PEAK TO AVERAGE RATIO

WCDMA Band IV Spectrum Plot_WCDMA

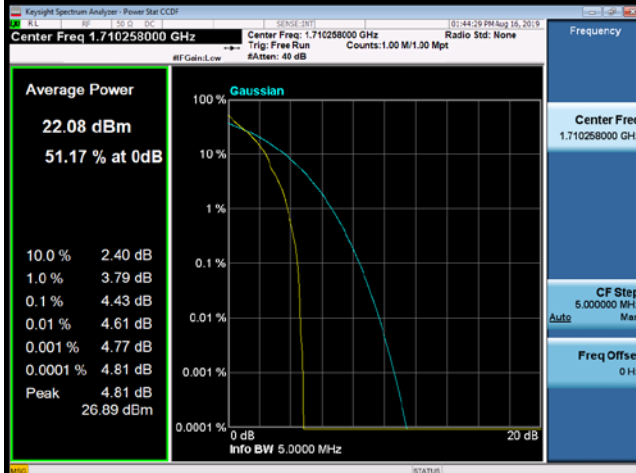


LTE Band 4 Spectrum Plot_1.4M

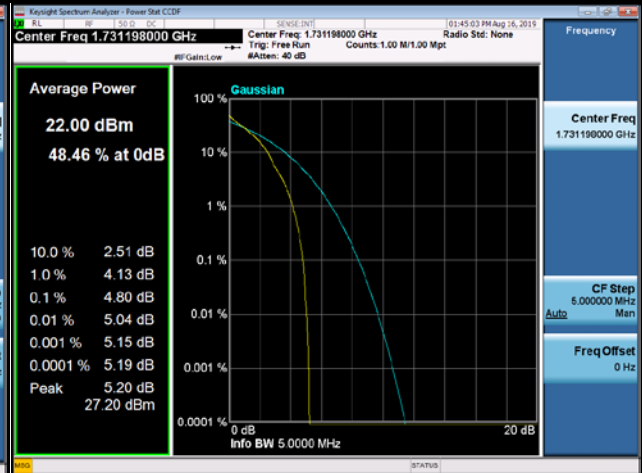


LTE Band 4 Spectrum Plot_3M

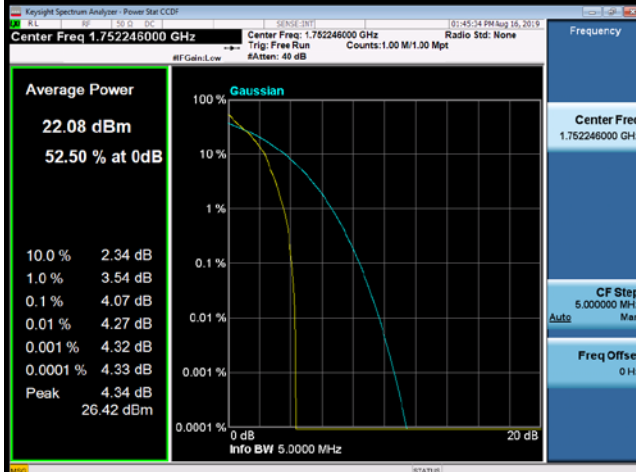
QPSK-19965



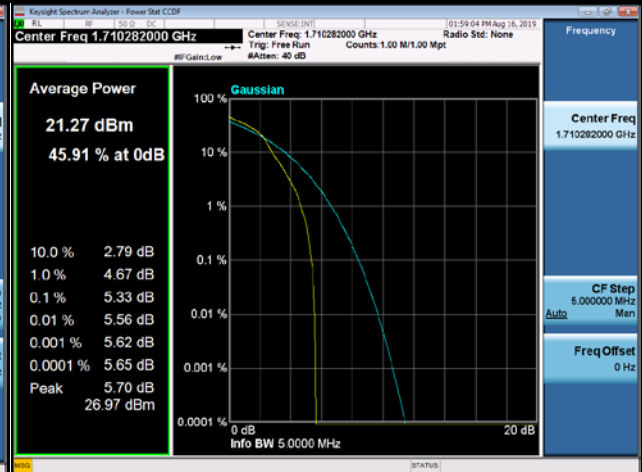
QPSK-20175



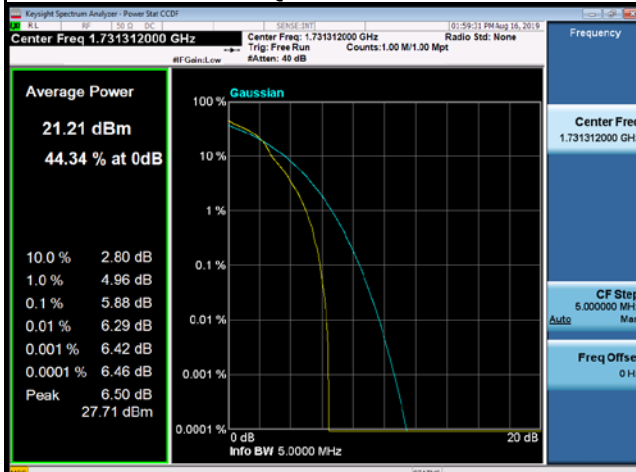
QPSK-20385



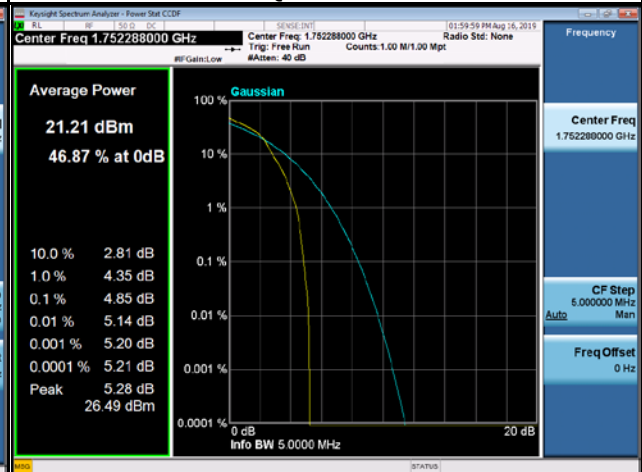
16QAM-19965



16QAM-20175

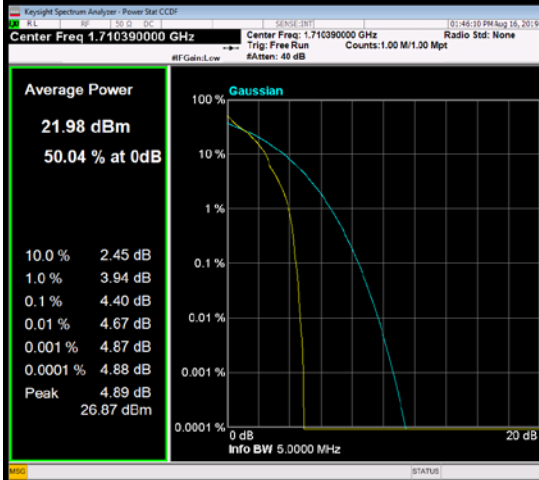


16QAM-20385

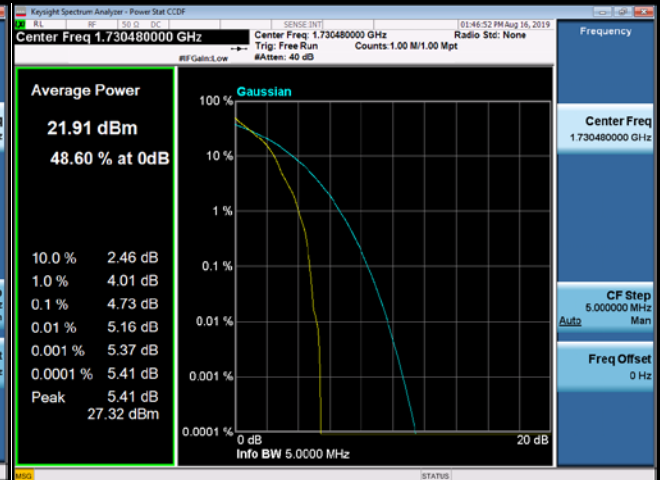


LTE Band 4 Spectrum Plot_5M

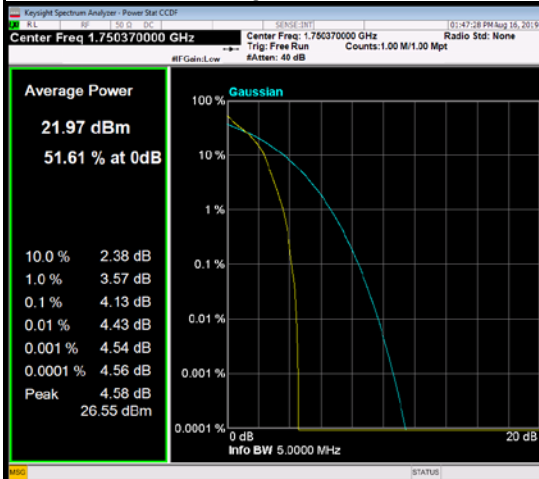
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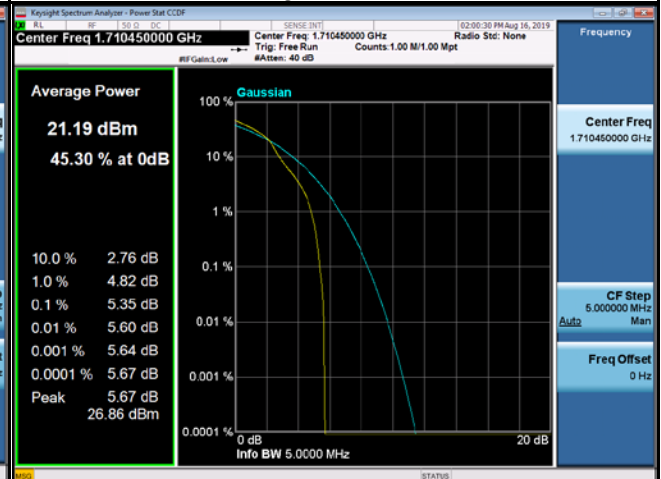
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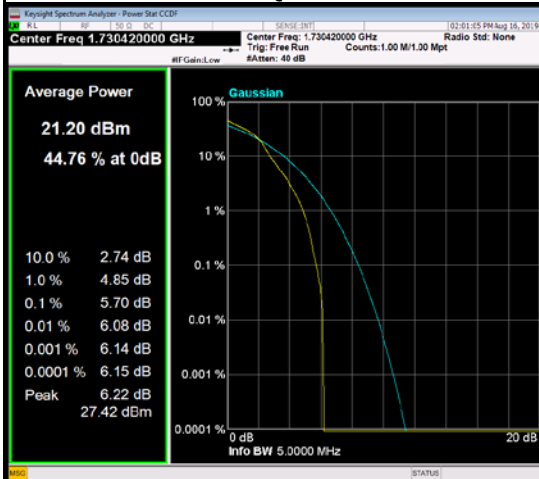
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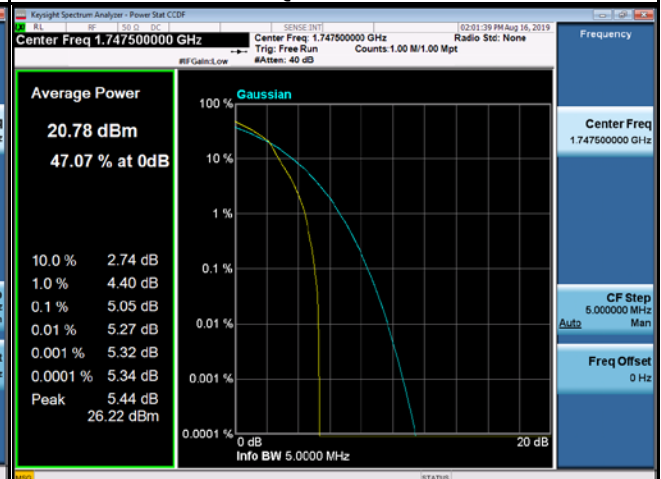
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16QAM-20175

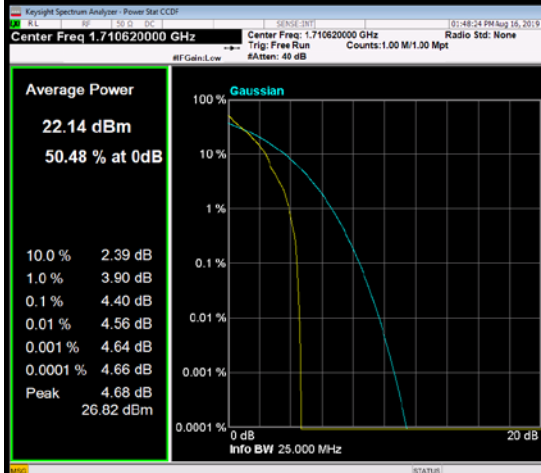


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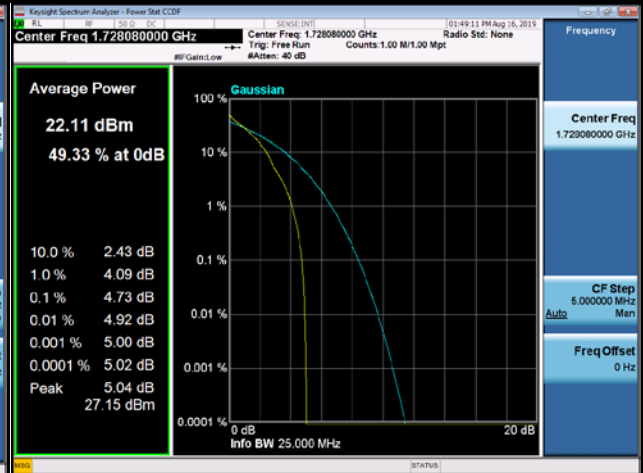


LTE Band 4 Spectrum Plot_10M

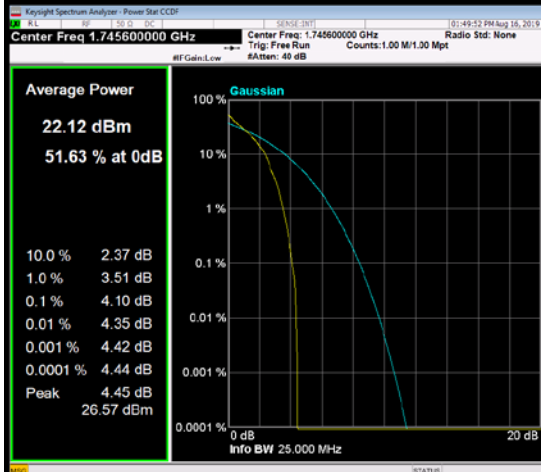
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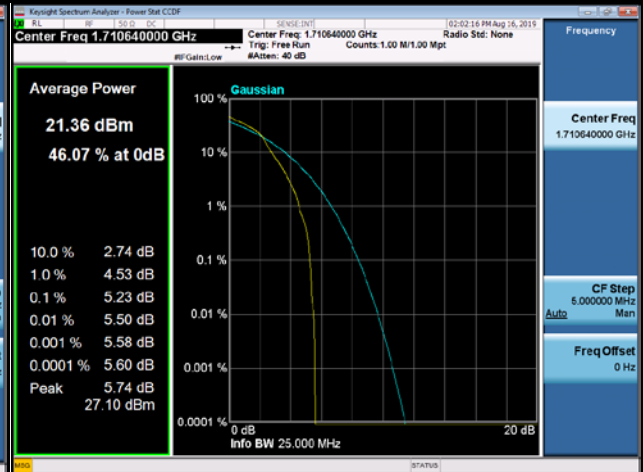
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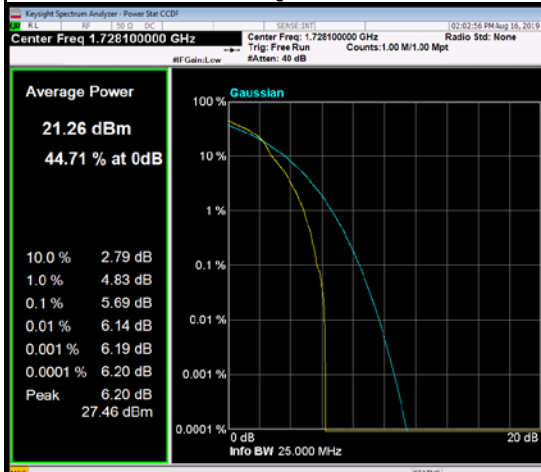
QPSK-20350



16QAM-20000



16QAM-20175



16QAM-20350

