

LTE Band 7_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
21100	2535	21100	2535
<p style="font-size: small;">Date: 19.DEC.2018 10:39:38</p>		<p style="font-size: small;">Date: 19.DEC.2018 10:43:09</p>	
Channel	Frequency(MHz)	-	-
21100	2535	-	-
<p style="font-size: small;">Date: 19.DEC.2018 11:38:20</p>		-	

LTE Band 7_20M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
21100	2535	21100	2535
<p>Date: 19.DEC.2018 10:40:11</p>		<p>Date: 19.DEC.2018 10:44:08</p>	
Channel	Frequency(MHz)	-	-
21100	2535	-	-
<p>Date: 19.DEC.2018 11:37:10</p>		-	

LTE Band 12_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23095	707.5	23095	707.5
<p>Date: 19.DEC.2018 10:52:35</p>		<p>Date: 19.DEC.2018 10:57:39</p>	
Channel	Frequency(MHz)	-	-
23095	707.5	-	-
<p>Date: 19.DEC.2018 11:42:57</p>		-	

LTE Band 12_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23095	707.5	23095	707.5
Channel	Frequency(MHz)	-	-
23095	707.5	-	-
		-	

LTE Band 12_10M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23095	707.5	23095	707.5
Channel	Frequency(MHz)	-	-
23095	707.5	-	-
		-	

LTE Band 17_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23790	710.0	23790	710.0
<p style="font-size: small;">Date: 19.DEC.2018 11:03:38</p>		<p style="font-size: small;">Date: 19.DEC.2018 11:07:50</p>	
Channel	Frequency(MHz)	-	-
23790	710.0	-	-
<p style="font-size: small;">Date: 19.DEC.2018 11:47:37</p>		-	

LTE Band 17\_10M

Channel	Frequency(MHz)	Channel	Frequency(MHz)
23790	710.0	23790	710.0
<p>Date: 19.DEC.2018 11:06:12</p>		<p>Date: 19.DEC.2018 11:07:07</p>	
Channel	Frequency(MHz)	-	-
23790	710.0	-	-
<p>Date: 19.DEC.2018 11:53:32</p>		-	

LTE Band 66_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
132322	1745.0	132322	1745.0
Channel	Frequency(MHz)	-	-
132322	1745.0	-	-
		-	



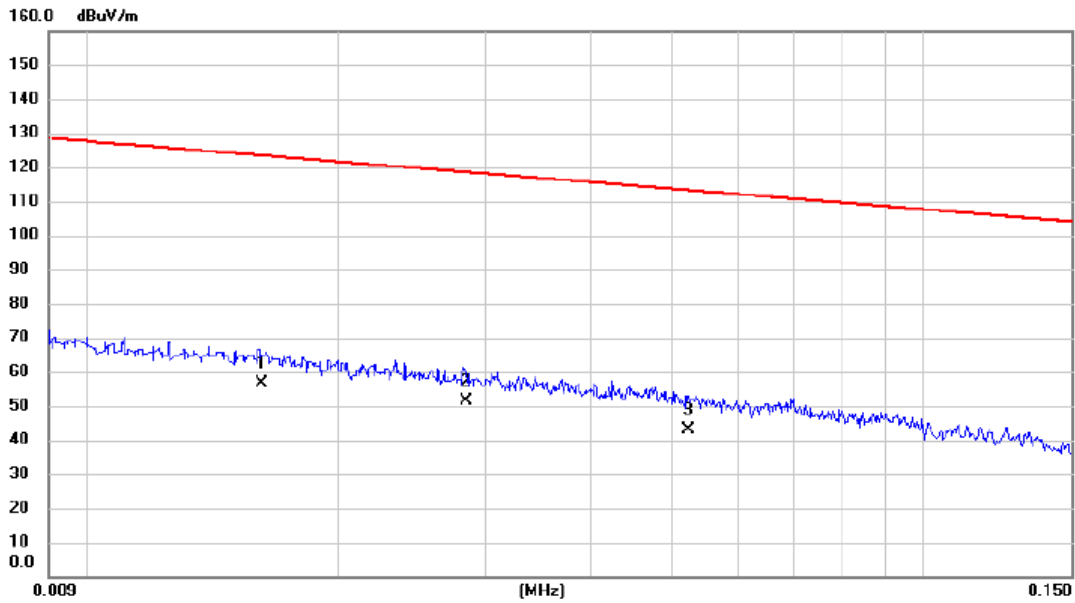
LTE Band 66_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
132322	1745.0	132322	1745.0
Date: 19.DEC.2018 16:30:37		Date: 19.DEC.2018 16:28:18	
Channel	Frequency(MHz)	-	-
132322	1745.0	-	-
		-	
Date: 19.DEC.2018 16:19:28			

LTE Band 66_20M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
132322	1745.0	132322	1745.0
Date: 19.DEC.2018 16:30:14		Date: 19.DEC.2018 16:28:00	
Channel	Frequency(MHz)	-	-
132322	1745.0	-	-
		-	
Date: 19.DEC.2018 16:22:28			

## APPENDIX D - RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode: TX Mode

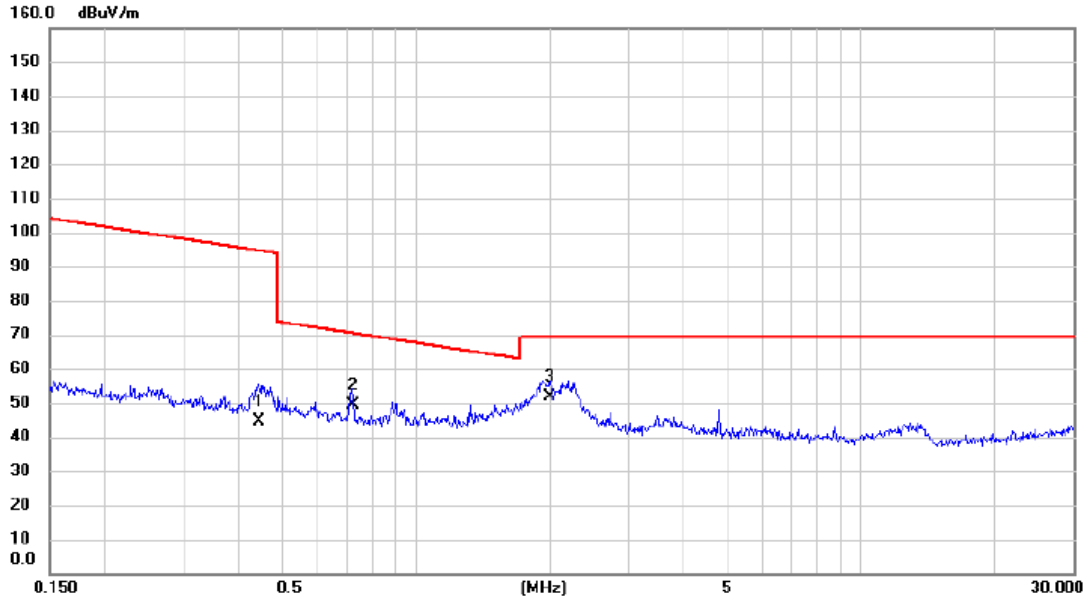
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.0162	36.20	20.55	56.75	123.41	-66.66	AVG	
2		0.0284	31.60	19.88	51.48	118.54	-67.06	AVG	
3		0.0524	23.70	19.48	43.18	113.22	-70.04	AVG	

Test Mode: TX Mode

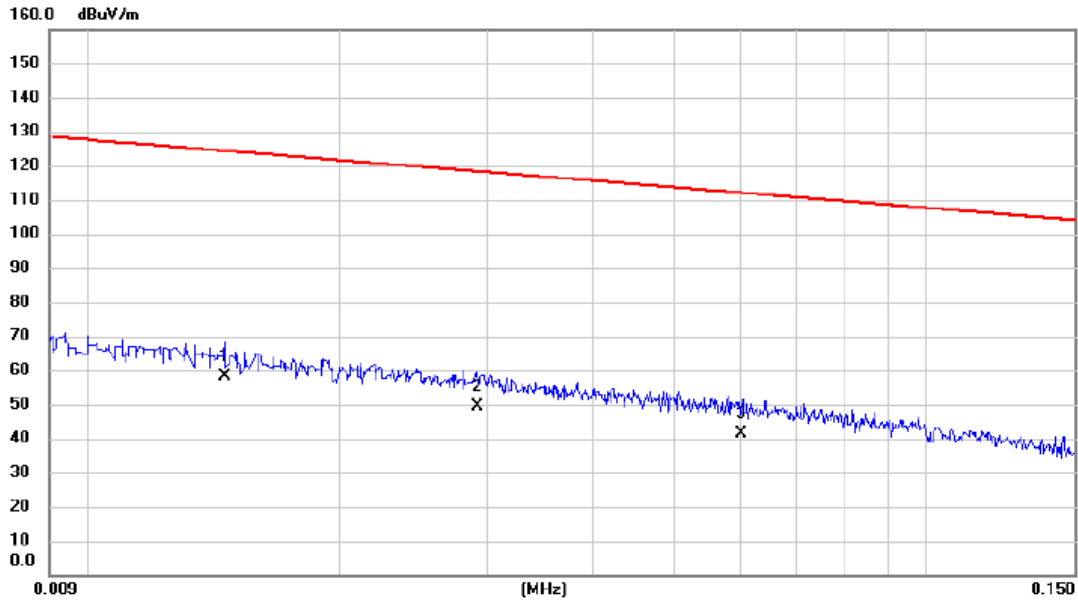
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.4421	27.50	16.98	44.48	94.69	-50.21	AVG	
2		0.7198	32.40	16.89	49.29	70.46	-21.17	QP	
3	*	2.0011	34.50	17.12	51.62	69.54	-17.92	QP	

Test Mode: TX Mode

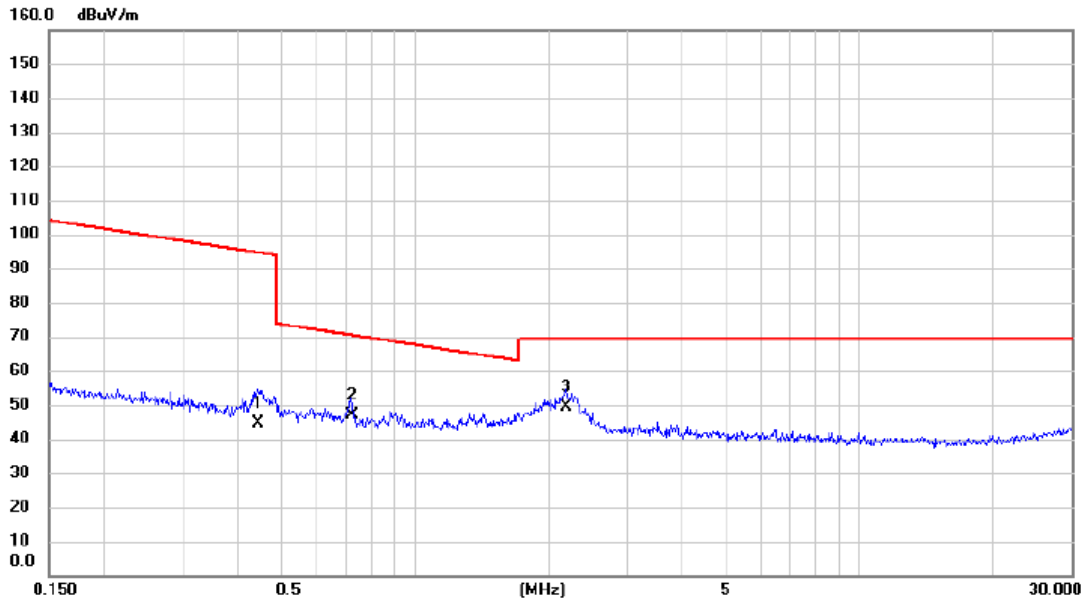
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.0146	37.60	20.78	58.38	124.32	-65.94	AVG	
2		0.0292	29.40	19.87	49.27	118.30	-69.03	AVG	
3		0.0601	22.20	19.33	41.53	112.03	-70.50	AVG	

Test Mode: TX Mode

Ant 90°



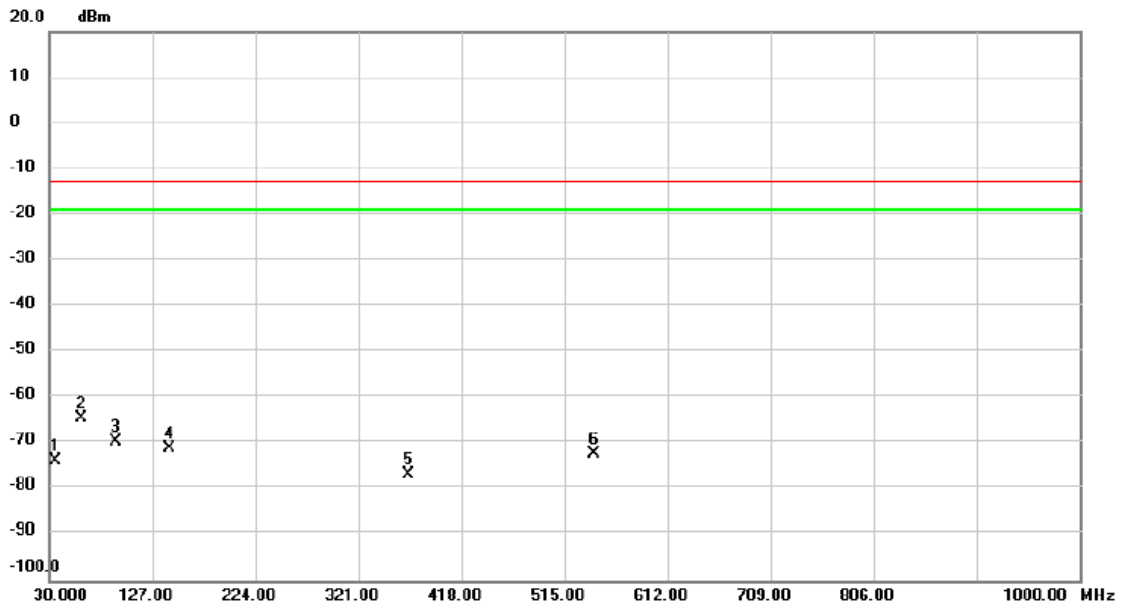
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4421	27.60	16.98	44.58	94.69	-50.11	AVG	
2		0.7198	30.20	16.89	47.09	70.46	-23.37	QP	
3	*	2.1898	32.40	17.01	49.41	69.54	-20.13	QP	

## APPENDIX E - RADIATED EMISSION (30MHZ TO 1GHZ)



Test Mode: WCDMA Band IV \_TX CH1413

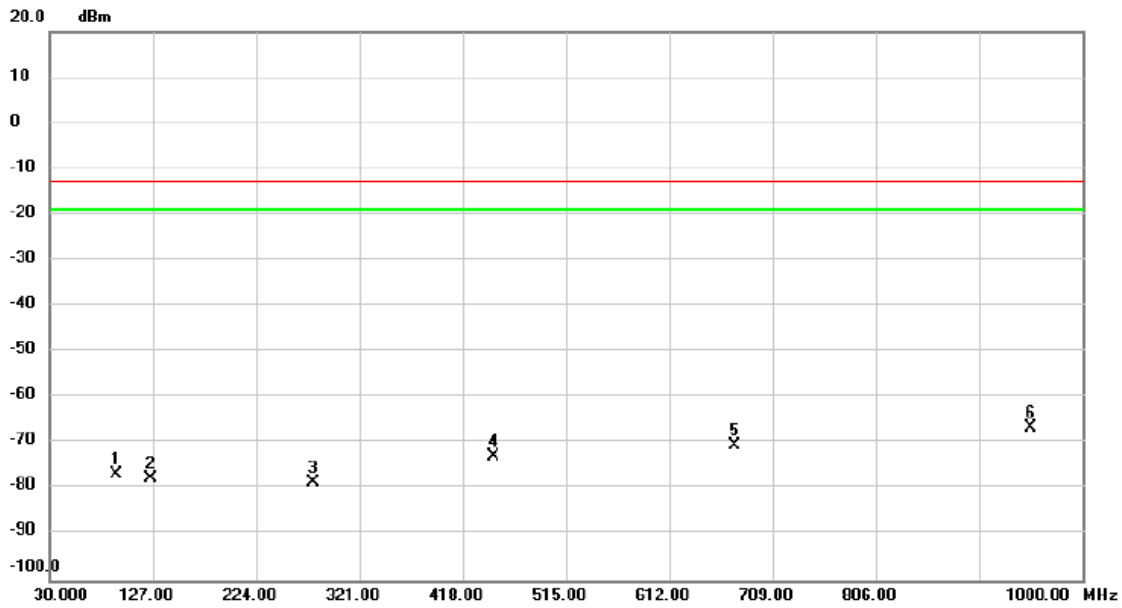
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.820	-58.81	-14.97	-73.78	-13.00	-60.78	peak	
2	*	60.070	-48.64	-15.69	-64.33	-13.00	-51.33	peak	
3		92.565	-50.35	-19.23	-69.58	-13.00	-56.58	peak	
4		142.520	-59.22	-11.94	-71.16	-13.00	-58.16	peak	
5		368.530	-66.16	-10.45	-76.61	-13.00	-63.61	peak	
6		542.645	-66.42	-5.92	-72.34	-13.00	-59.34	peak	

Test Mode: WCDMA Band IV \_TX CH1413

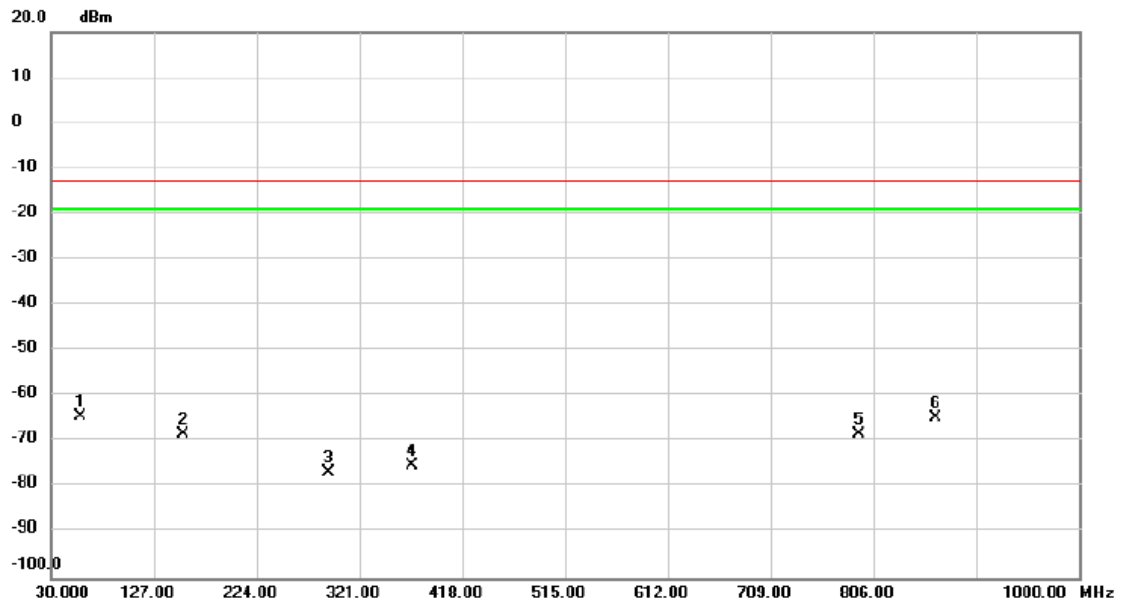
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		92.080	-57.53	-19.28	-76.81	-13.00	-63.81	peak	
2		125.545	-63.75	-13.96	-77.71	-13.00	-64.71	peak	
3		277.835	-66.94	-11.60	-78.54	-13.00	-65.54	peak	
4		446.615	-65.27	-7.54	-72.81	-13.00	-59.81	peak	
5		673.110	-66.33	-4.04	-70.37	-13.00	-57.37	peak	
6	*	951.500	-67.84	1.37	-66.47	-13.00	-53.47	peak	

Test Mode: LTE Band 4\_TX CH20175\_1.4M

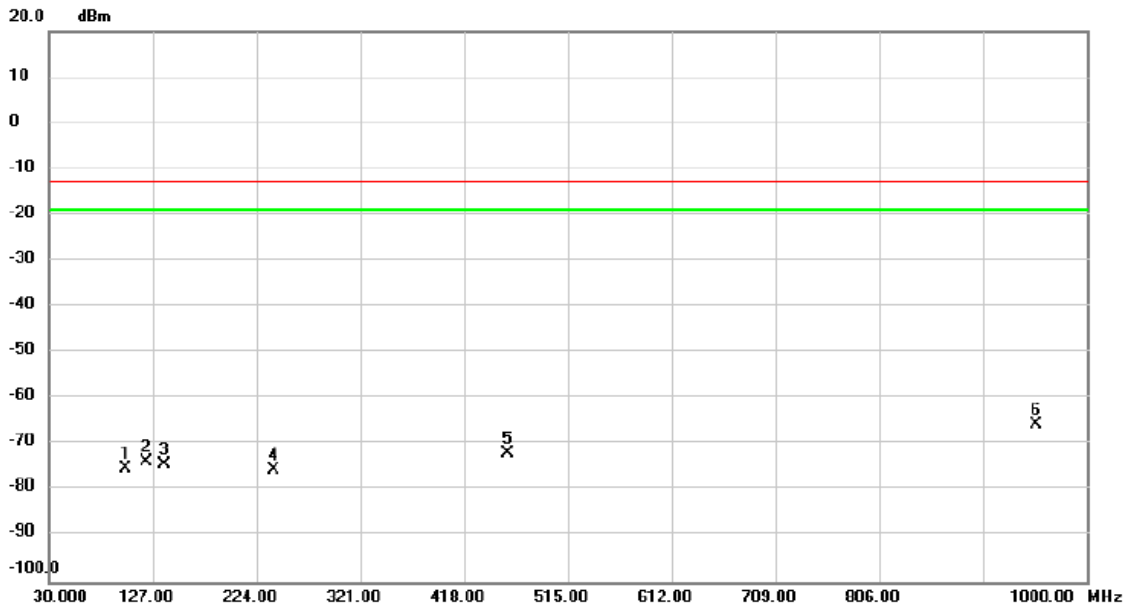
**Vertical**



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	58.130	-49.09	-15.43	-64.52	-13.00	-51.52	peak	
2	154.160	-57.21	-11.13	-68.34	-13.00	-55.34	peak	
3	292.385	-65.88	-10.81	-76.69	-13.00	-63.69	peak	
4	370.955	-64.96	-10.37	-75.33	-13.00	-62.33	peak	
5	792.905	-66.95	-1.47	-68.42	-13.00	-55.42	peak	
6	864.685	-63.41	-1.47	-64.88	-13.00	-51.88	peak	

Test Mode: LTE Band 4\_TX CH20175\_1.4M

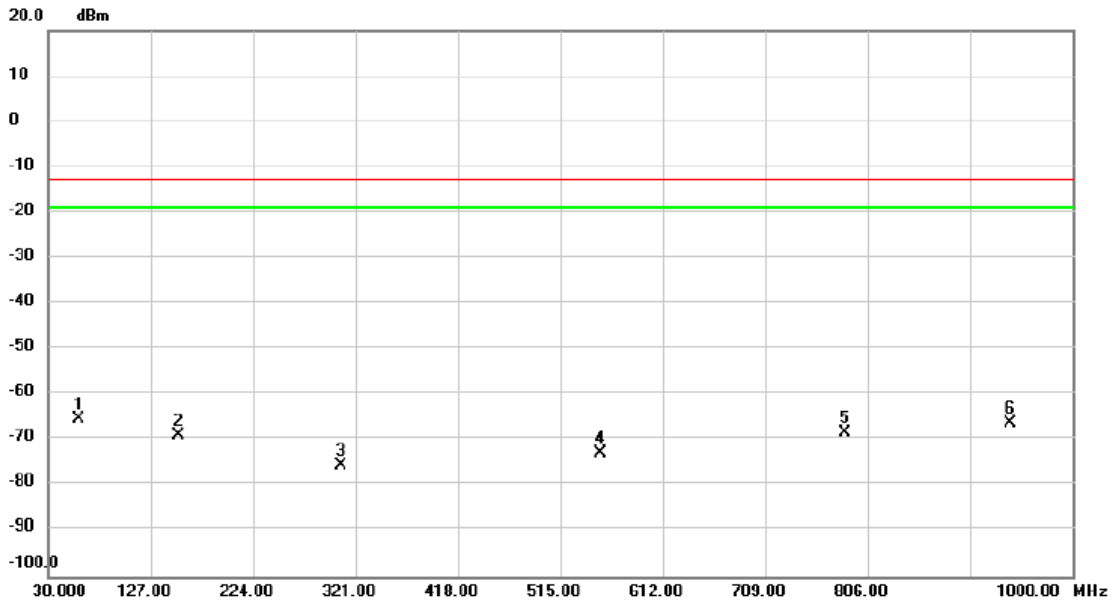
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		101.780	-57.33	-17.92	-75.25	-13.00	-62.25	peak	
2		121.665	-59.34	-14.47	-73.81	-13.00	-60.81	peak	
3		138.155	-62.00	-12.33	-74.33	-13.00	-61.33	peak	
4		240.005	-60.82	-14.67	-75.49	-13.00	-62.49	peak	
5		458.255	-64.29	-7.59	-71.88	-13.00	-58.88	peak	
6	*	952.955	-66.87	1.34	-65.53	-13.00	-52.53	peak	

Test Mode: LTE Band 4\_TX CH20175\_5M

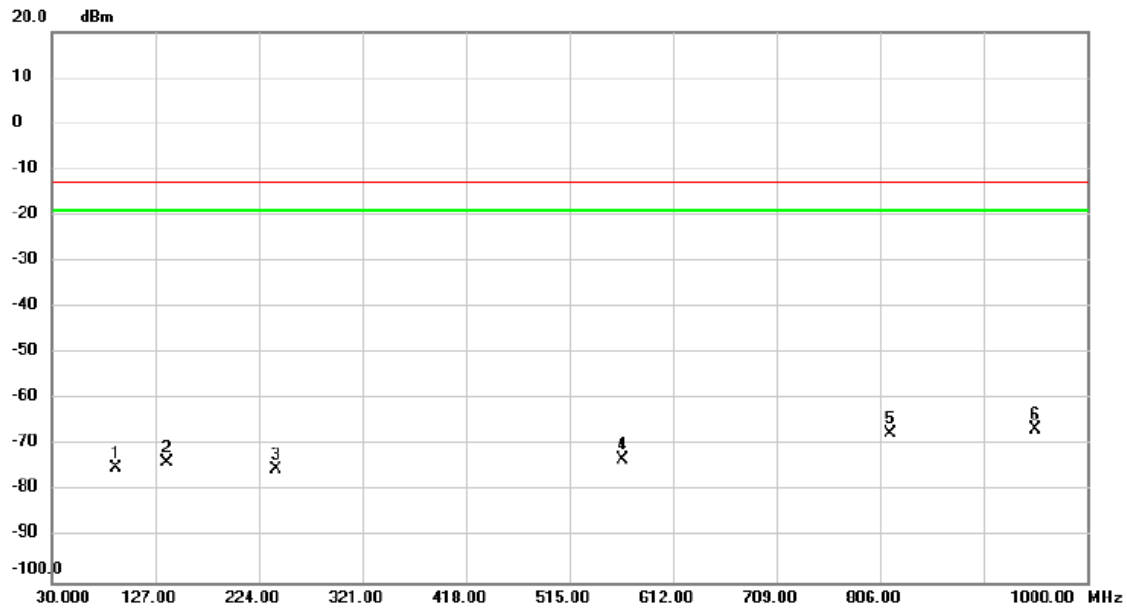
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	58.615	-49.73	-15.48	-65.21	-13.00	-52.21	peak	
2		153.675	-57.77	-11.17	-68.94	-13.00	-55.94	peak	
3		307.420	-65.22	-10.47	-75.69	-13.00	-62.69	peak	
4		553.800	-67.38	-5.52	-72.90	-13.00	-59.90	peak	
5		784.175	-66.34	-2.00	-68.34	-13.00	-55.34	peak	
6		941.315	-67.33	1.05	-66.28	-13.00	-53.28	peak	

Test Mode: LTE Band 4\_TX CH20175\_5M

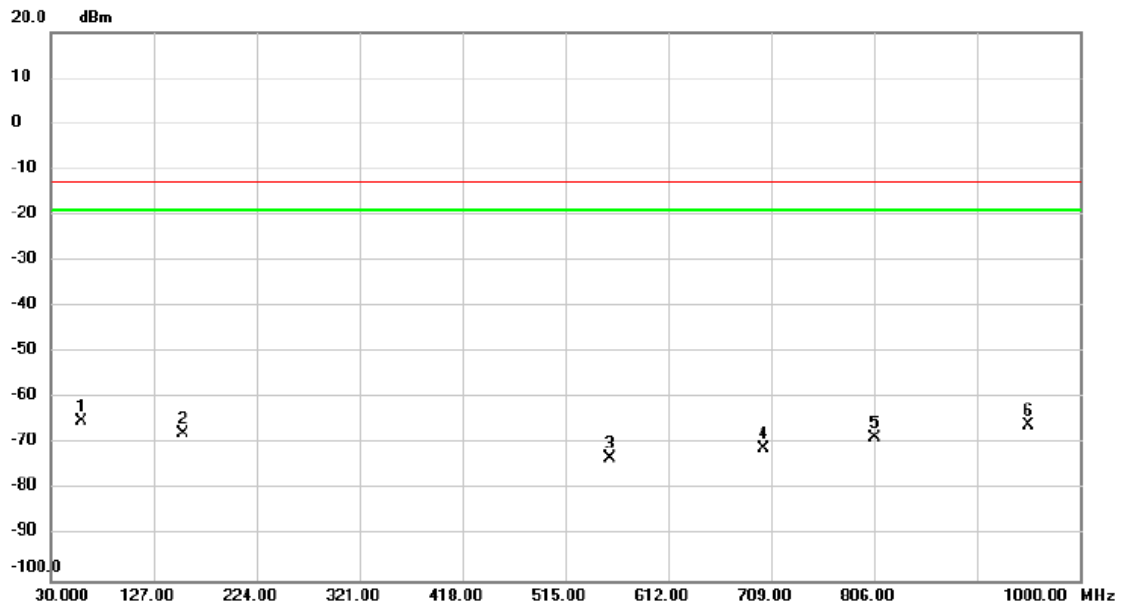
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		90.625	-55.61	-19.41	-75.02	-13.00	-62.02	peak	
2		138.640	-61.44	-12.26	-73.70	-13.00	-60.70	peak	
3		240.005	-60.69	-14.67	-75.36	-13.00	-62.36	peak	
4		564.470	-67.42	-5.70	-73.12	-13.00	-60.12	peak	
5		815.700	-66.13	-1.29	-67.42	-13.00	-54.42	peak	
6	*	951.985	-67.84	1.36	-66.48	-13.00	-53.48	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M

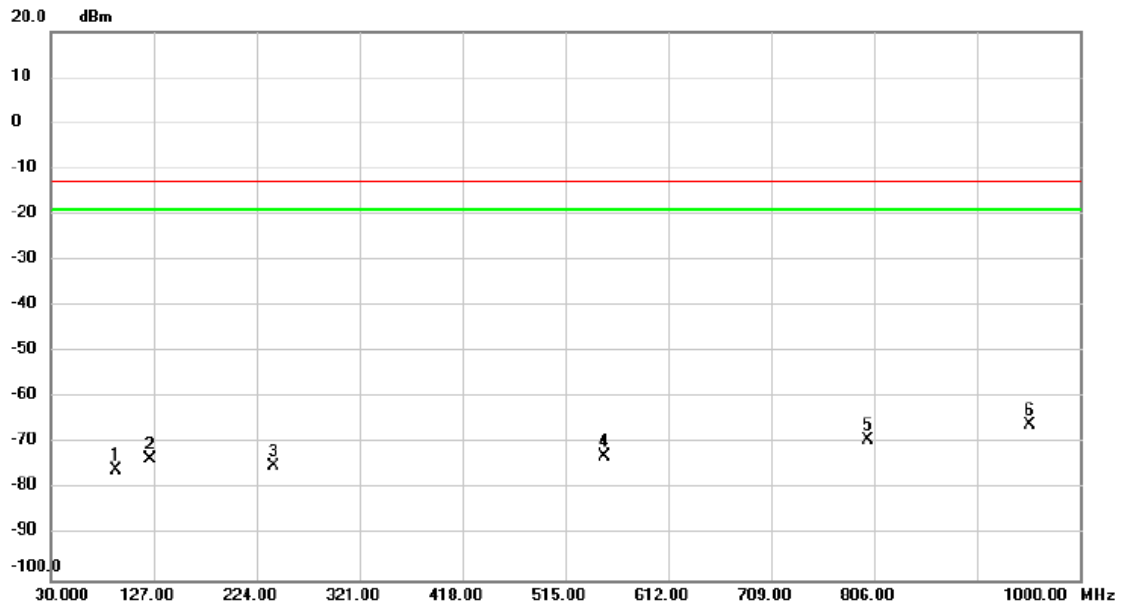
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	58.615	-49.43	-15.48	-64.91	-13.00	-51.91	peak	
2	154.645	-56.58	-11.08	-67.66	-13.00	-54.66	peak	
3	557.195	-67.64	-5.59	-73.23	-13.00	-60.23	peak	
4	701.240	-68.16	-2.78	-70.94	-13.00	-57.94	peak	
5	806.970	-67.49	-1.14	-68.63	-13.00	-55.63	peak	
6	951.500	-67.43	1.37	-66.06	-13.00	-53.06	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M

### Horizontal

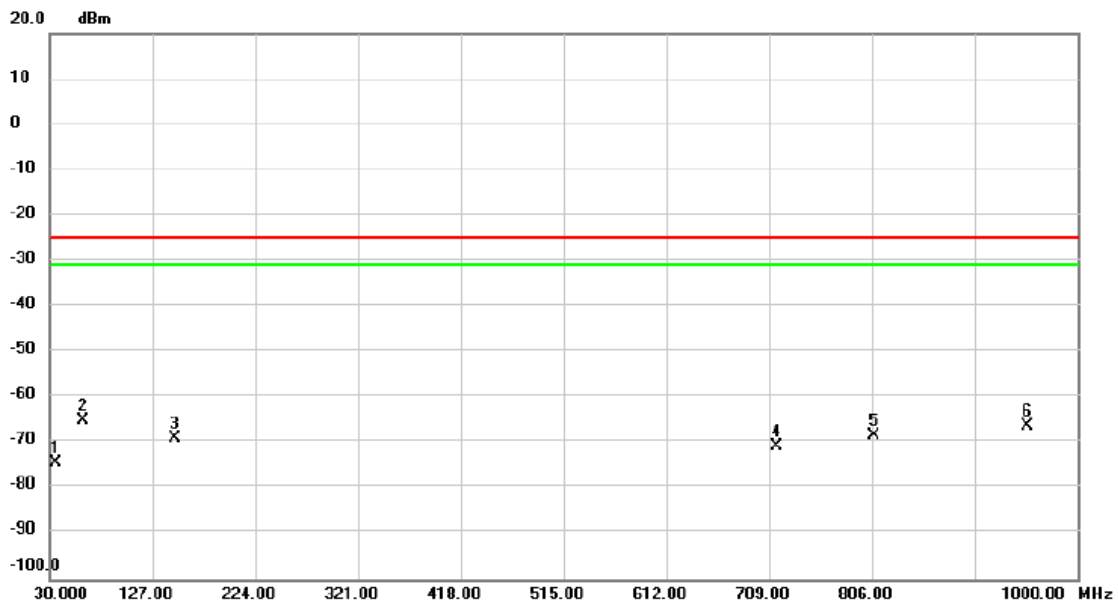


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		91.110	-56.51	-19.37	-75.88	-13.00	-62.88	peak	
2		123.120	-59.05	-14.29	-73.34	-13.00	-60.34	peak	
3		240.005	-60.35	-14.67	-75.02	-13.00	-62.02	peak	
4		551.375	-67.34	-5.48	-72.82	-13.00	-59.82	peak	
5		800.180	-68.35	-1.04	-69.39	-13.00	-56.39	peak	
6	*	952.955	-67.27	1.34	-65.93	-13.00	-52.93	peak	



Test Mode: LTE Band 7\_TX CH21100\_5M

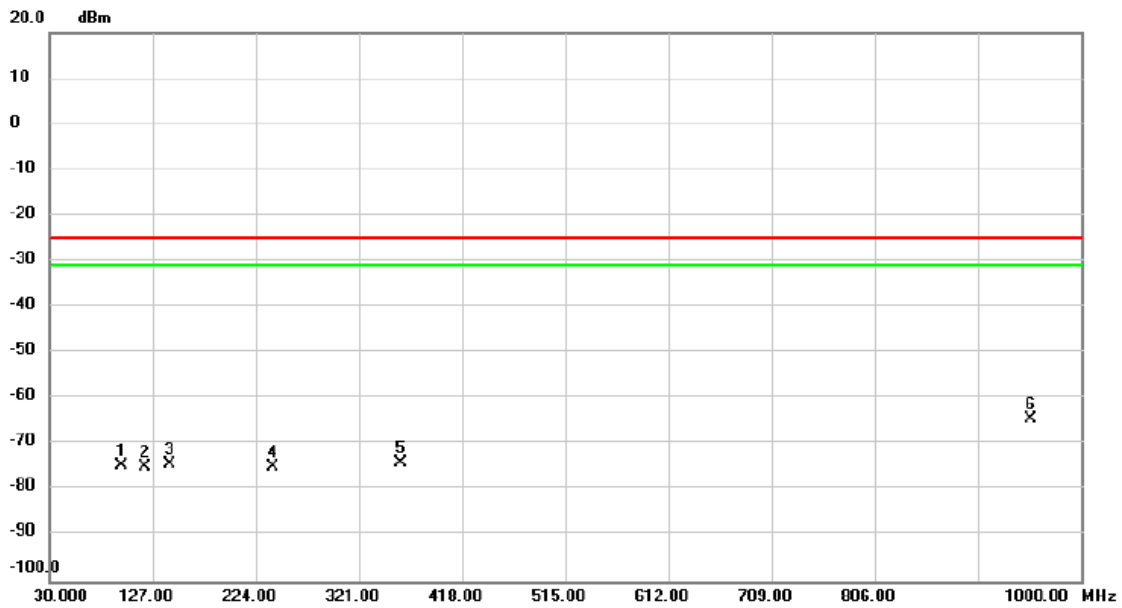
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.820	-59.24	-14.97	-74.21	-25.00	-49.21	peak	
2	*	61.525	-49.01	-15.94	-64.95	-25.00	-39.95	peak	
3		148.340	-57.39	-11.59	-68.98	-25.00	-43.98	peak	
4		715.790	-67.61	-3.15	-70.76	-25.00	-45.76	peak	
5		807.940	-67.09	-1.16	-68.25	-25.00	-43.25	peak	
6		952.955	-67.66	1.34	-66.32	-25.00	-41.32	peak	

Test Mode: LTE Band 7\_TX CH21100\_5M

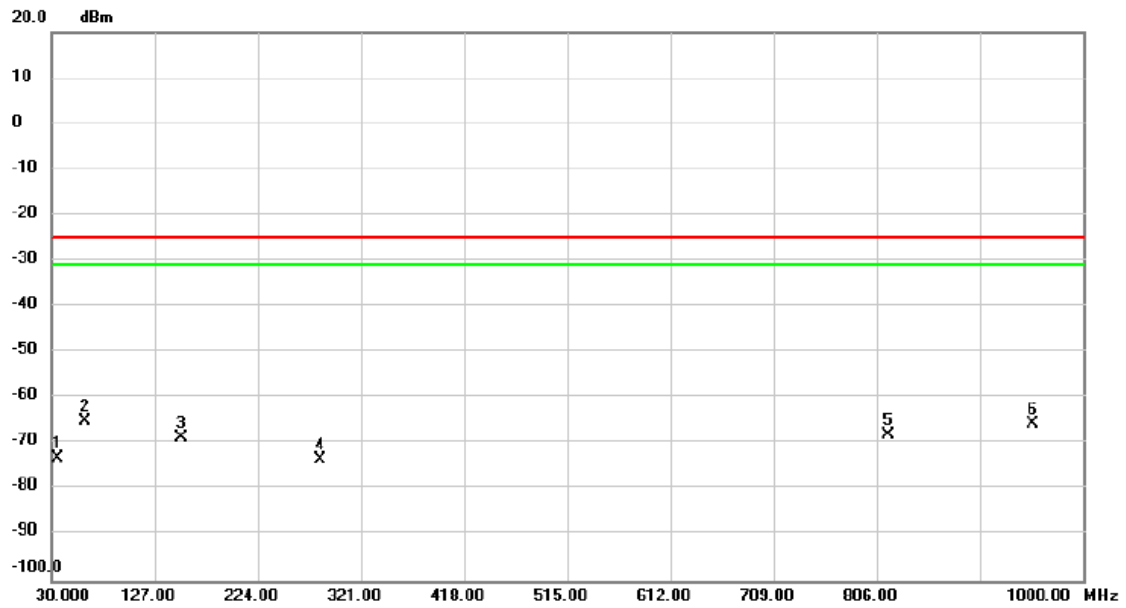
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		97.415	-55.97	-18.66	-74.63	-25.00	-49.63	peak	
2		120.210	-60.24	-14.65	-74.89	-25.00	-49.89	peak	
3		142.520	-62.46	-11.94	-74.40	-25.00	-49.40	peak	
4		240.005	-60.36	-14.67	-75.03	-25.00	-50.03	peak	
5		359.800	-63.20	-10.75	-73.95	-25.00	-48.95	peak	
6	*	952.955	-65.83	1.34	-64.49	-25.00	-39.49	peak	

Test Mode: LTE Band 7\_TX CH21100\_20M

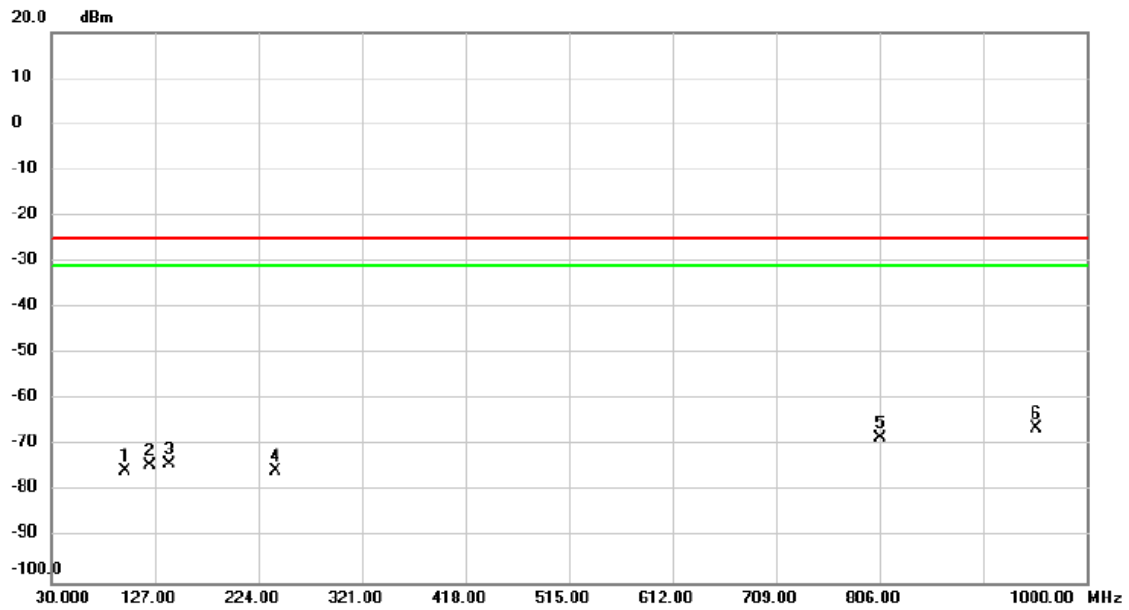
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		36.305	-58.35	-14.93	-73.28	-25.00	-48.28	peak	
2	*	62.010	-49.00	-16.02	-65.02	-25.00	-40.02	peak	
3		151.735	-57.42	-11.33	-68.75	-25.00	-43.75	peak	
4		282.200	-62.29	-11.25	-73.54	-25.00	-48.54	peak	
5		816.670	-66.65	-1.30	-67.95	-25.00	-42.95	peak	
6		952.955	-67.05	1.34	-65.71	-25.00	-40.71	peak	

Test Mode: LTE Band 7\_TX CH21100\_20M

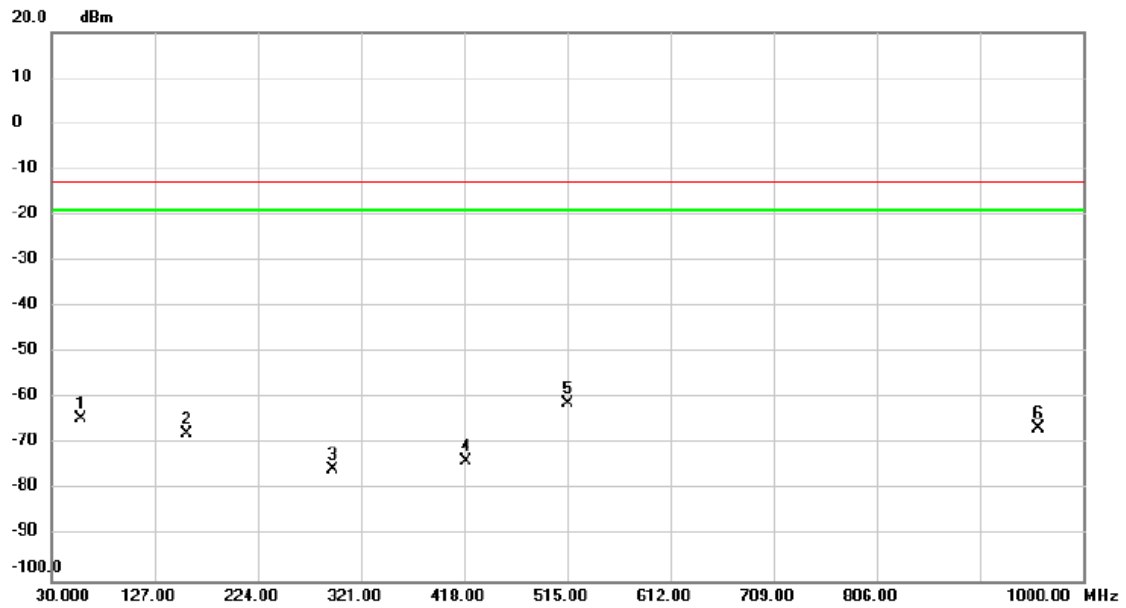
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		99.355	-57.03	-18.37	-75.40	-25.00	-50.40	peak	
2		122.150	-60.02	-14.40	-74.42	-25.00	-49.42	peak	
3		140.095	-61.99	-12.09	-74.08	-25.00	-49.08	peak	
4		240.005	-60.86	-14.67	-75.53	-25.00	-50.53	peak	
5		806.485	-67.31	-1.13	-68.44	-25.00	-43.44	peak	
6	*	952.955	-67.57	1.34	-66.23	-25.00	-41.23	peak	

Test Mode: LTE Band 12\_TX CH23095\_1.4M

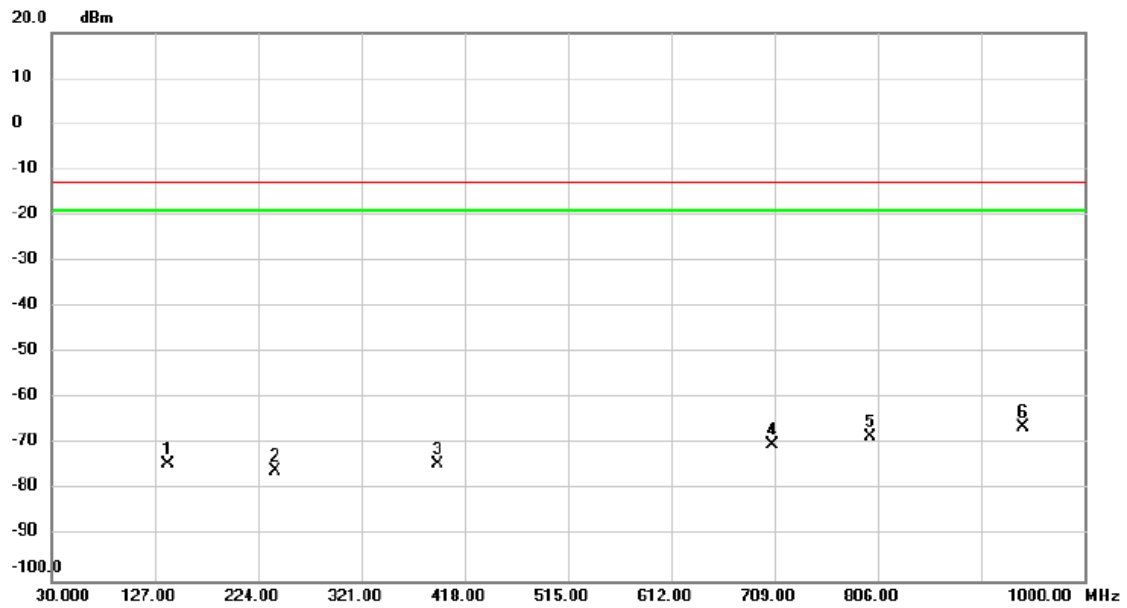
**Vertical**



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	57.645	-49.16	-15.34	-64.50	-13.00	-51.50	peak	
2	157.070	-57.02	-10.86	-67.88	-13.00	-54.88	peak	
3	294.325	-64.76	-10.70	-75.46	-13.00	-62.46	peak	
4	419.940	-65.26	-8.59	-73.85	-13.00	-60.85	peak	
5 *	515.970	-53.56	-7.55	-61.11	-13.00	-48.11	peak	
6	957.320	-67.73	1.23	-66.50	-13.00	-53.50	peak	

Test Mode: LTE Band 12\_TX CH23095\_1.4M

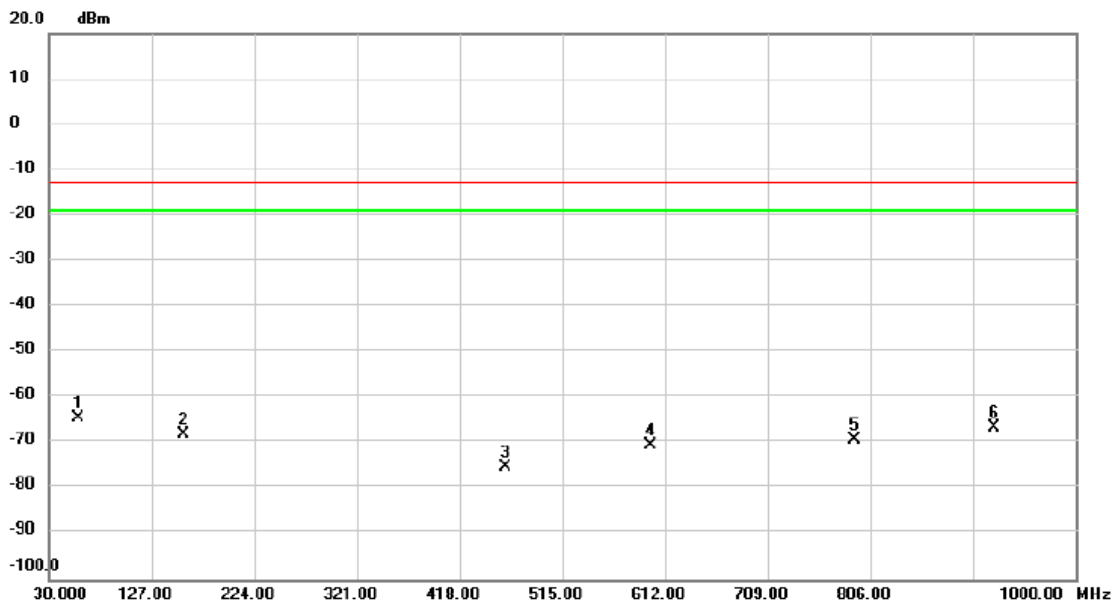
### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		139.125	-62.14	-12.21	-74.35	-13.00	-61.35	peak	
2		240.005	-61.03	-14.67	-75.70	-13.00	-62.70	peak	
3		392.780	-64.70	-9.63	-74.33	-13.00	-61.33	peak	
4		707.545	-67.34	-2.94	-70.28	-13.00	-57.28	peak	
5		798.240	-67.09	-1.15	-68.24	-13.00	-55.24	peak	
6	*	941.800	-67.22	1.07	-66.15	-13.00	-53.15	peak	

Test Mode: LTE Band 12\_TX CH23095\_5M

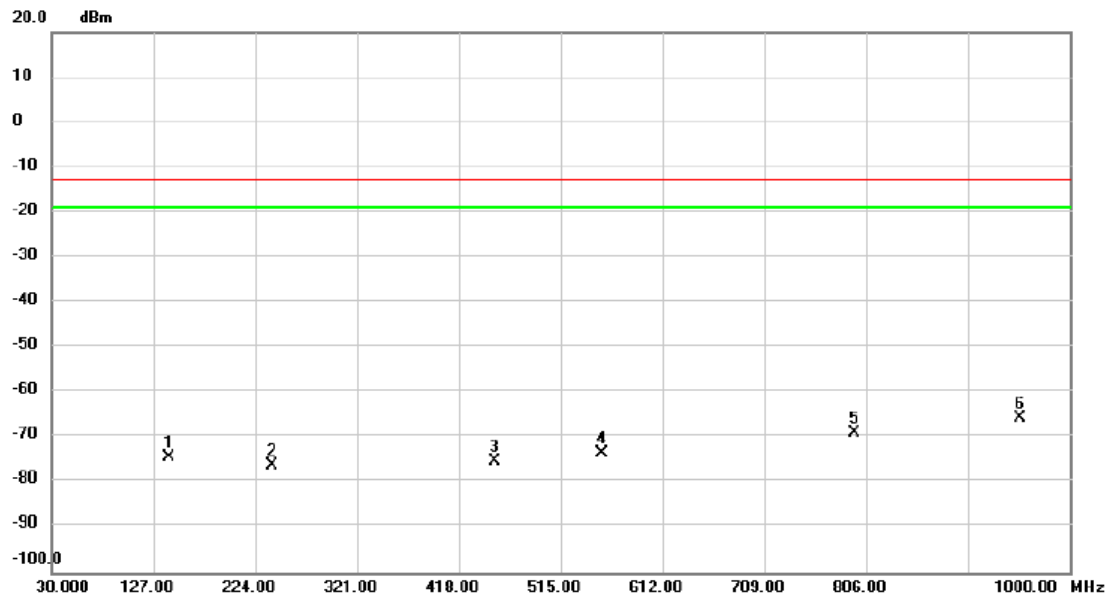
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	58.130	-49.15	-15.43	-64.58	-13.00	-51.58	peak	
2		157.070	-57.18	-10.86	-68.04	-13.00	-55.04	peak	
3		461.650	-67.53	-7.67	-75.20	-13.00	-62.20	peak	
4		598.905	-64.23	-6.27	-70.50	-13.00	-57.50	peak	
5		790.965	-67.66	-1.58	-69.24	-13.00	-56.24	peak	
6		922.400	-66.80	0.30	-66.50	-13.00	-53.50	peak	

Test Mode: LTE Band 12\_TX CH23095\_5M

**Horizontal**

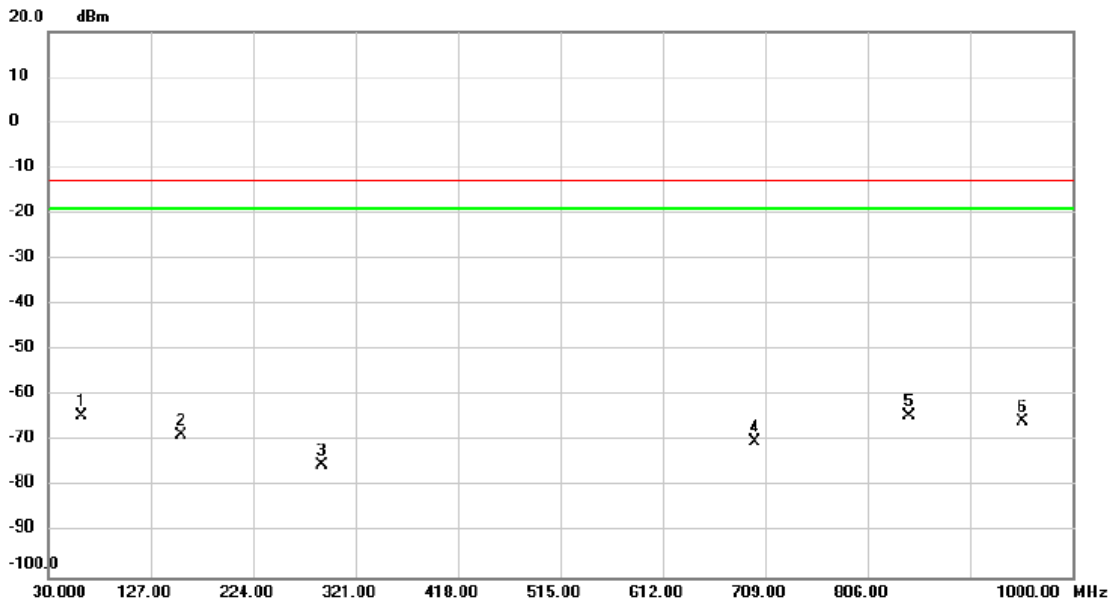


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		141.550	-62.21	-12.00	-74.21	-13.00	-61.21	peak	
2		240.005	-61.49	-14.67	-76.16	-13.00	-63.16	peak	
3		452.435	-67.70	-7.45	-75.15	-13.00	-62.15	peak	
4		554.285	-67.98	-5.53	-73.51	-13.00	-60.51	peak	
5		795.330	-67.58	-1.32	-68.90	-13.00	-55.90	peak	
6	*	952.955	-67.08	1.34	-65.74	-13.00	-52.74	peak	



Test Mode: LTE Band 12\_TX CH23095\_10M

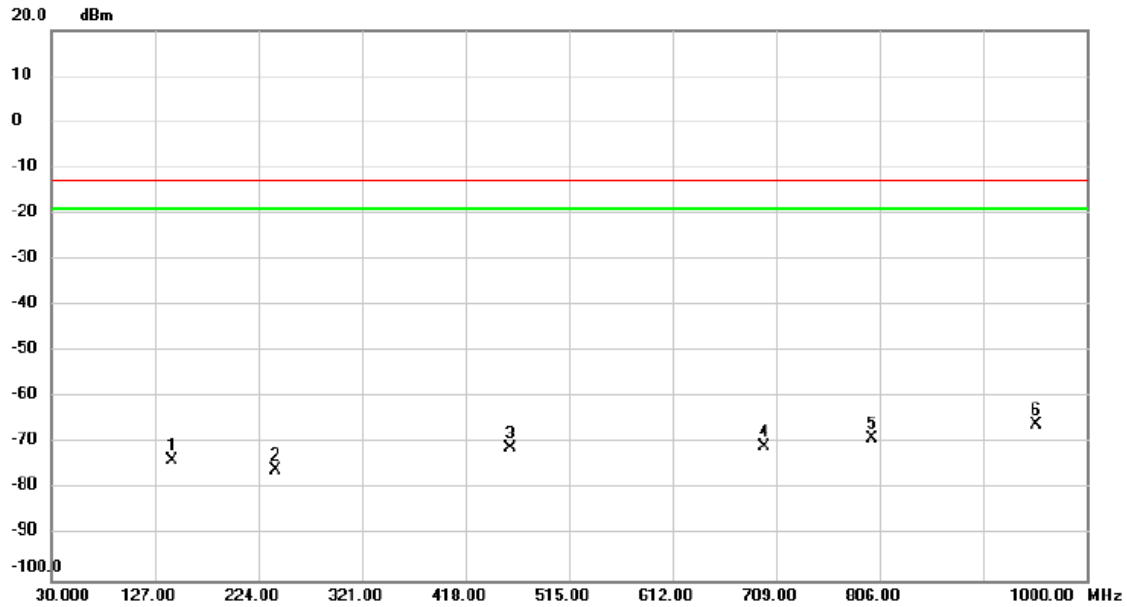
**Vertical**



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	61.040	-48.65	-15.86	-64.51	-13.00	-51.51	peak	
2	156.585	-57.84	-10.90	-68.74	-13.00	-55.74	peak	
3	289.960	-64.17	-10.95	-75.12	-13.00	-62.12	peak	
4	698.815	-67.22	-2.80	-70.02	-13.00	-57.02	peak	
5 *	844.800	-62.72	-1.75	-64.47	-13.00	-51.47	peak	
6	952.955	-66.93	1.34	-65.59	-13.00	-52.59	peak	

Test Mode: LTE Band 12\_TX CH23095\_10M

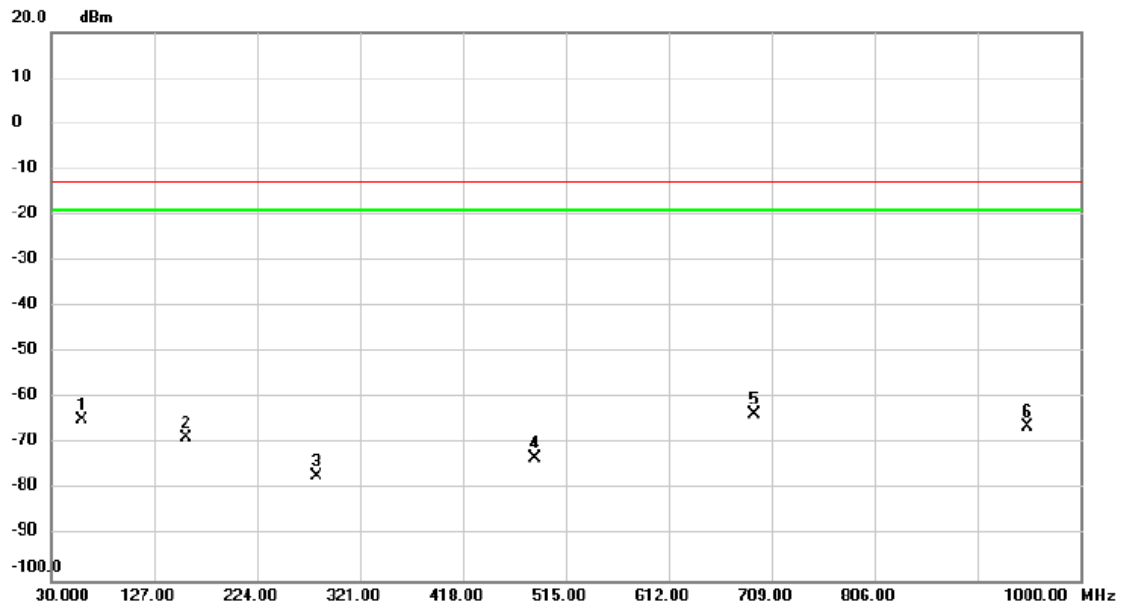
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		143.005	-61.81	-11.91	-73.72	-13.00	-60.72	peak	
2		240.005	-61.31	-14.67	-75.98	-13.00	-62.98	peak	
3		460.195	-63.27	-7.63	-70.90	-13.00	-57.90	peak	
4		697.360	-67.89	-2.88	-70.77	-13.00	-57.77	peak	
5		799.210	-67.95	-1.08	-69.03	-13.00	-56.03	peak	
6	*	952.955	-67.26	1.34	-65.92	-13.00	-52.92	peak	

Test Mode: LTE Band 17\_TX CH23790\_5M

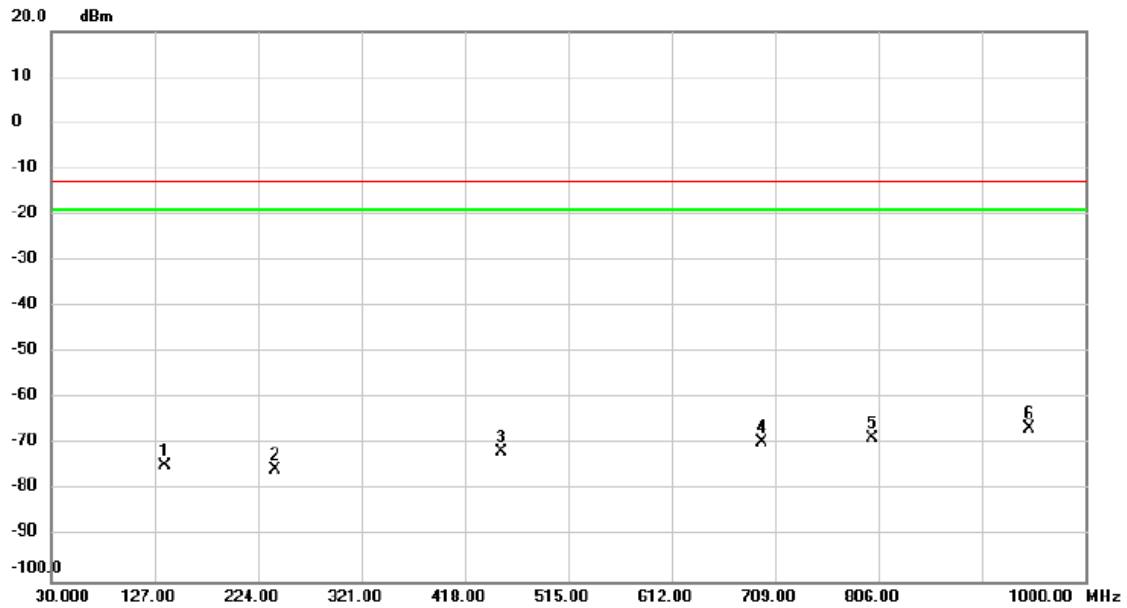
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		59.585	-49.16	-15.62	-64.78	-13.00	-51.78	peak	
2		157.555	-57.95	-10.82	-68.77	-13.00	-55.77	peak	
3		280.745	-65.71	-11.31	-77.02	-13.00	-64.02	peak	
4		485.900	-65.02	-8.21	-73.23	-13.00	-60.23	peak	
5	*	692.995	-60.60	-3.09	-63.69	-13.00	-50.69	peak	
6		950.045	-67.67	1.42	-66.25	-13.00	-53.25	peak	

Test Mode: LTE Band 17\_TX CH23790\_5M

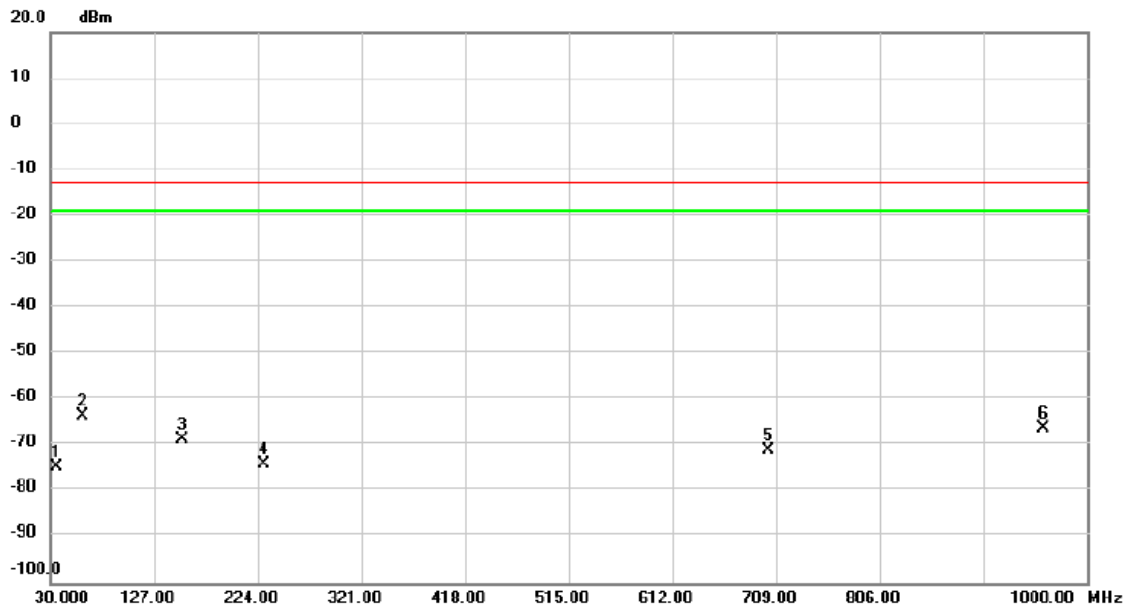
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		137.185	-62.17	-12.46	-74.63	-13.00	-61.63	peak	
2		240.005	-61.00	-14.67	-75.67	-13.00	-62.67	peak	
3		452.435	-64.28	-7.45	-71.73	-13.00	-58.73	peak	
4		696.875	-66.65	-2.90	-69.55	-13.00	-56.55	peak	
5		799.695	-67.56	-1.06	-68.62	-13.00	-55.62	peak	
6	*	948.105	-67.90	1.34	-66.56	-13.00	-53.56	peak	

Test Mode: LTE Band 17\_TX CH23790\_10M

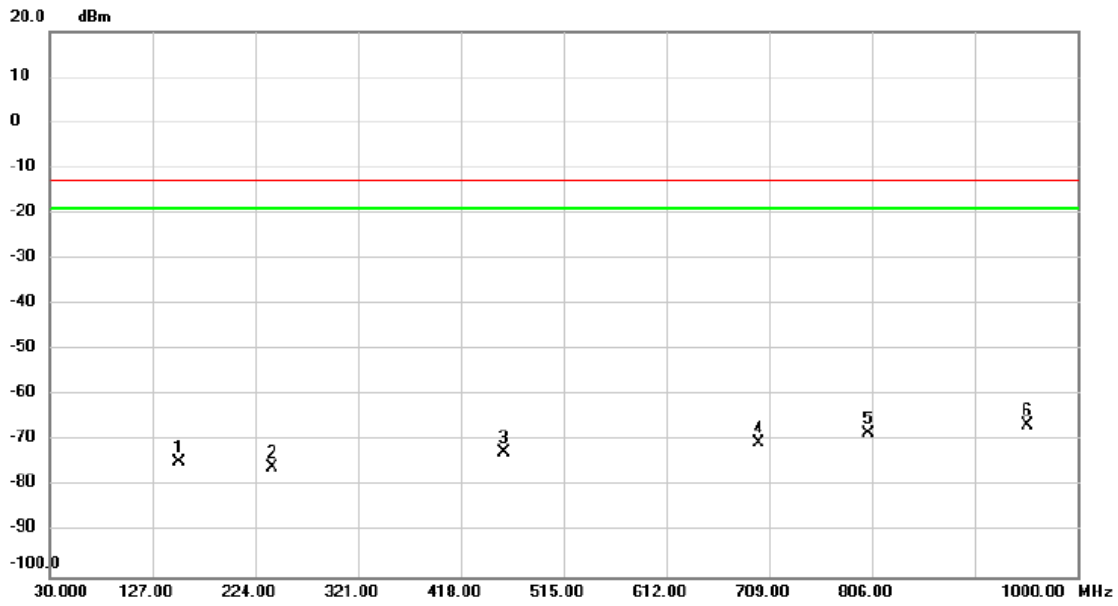
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.820	-59.54	-14.97	-74.51	-13.00	-61.51	peak	
2	*	60.555	-47.91	-15.78	-63.69	-13.00	-50.69	peak	
3		153.675	-57.51	-11.17	-68.68	-13.00	-55.68	peak	
4		229.820	-59.13	-14.96	-74.09	-13.00	-61.09	peak	
5		702.210	-68.21	-2.80	-71.01	-13.00	-58.01	peak	
6		958.775	-67.41	1.21	-66.20	-13.00	-53.20	peak	

Test Mode: LTE Band 17\_TX CH23790\_10M

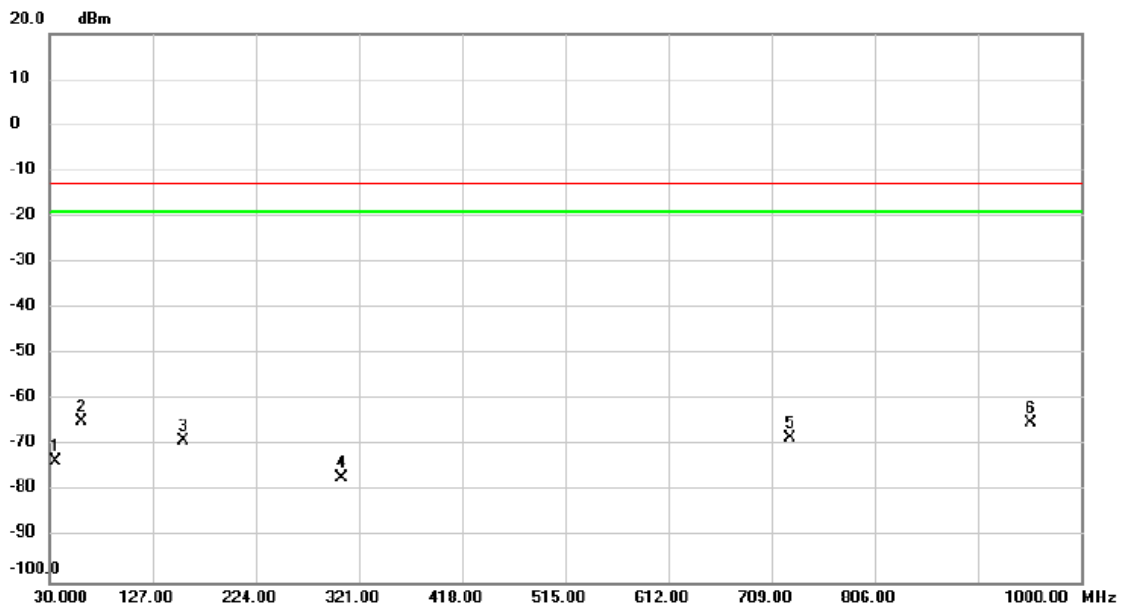
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		151.735	-63.37	-11.33	-74.70	-13.00	-61.70	peak	
2		240.005	-61.30	-14.67	-75.97	-13.00	-62.97	peak	
3		459.225	-65.02	-7.61	-72.63	-13.00	-59.63	peak	
4		699.300	-67.75	-2.78	-70.53	-13.00	-57.53	peak	
5		803.090	-67.38	-1.09	-68.47	-13.00	-55.47	peak	
6	*	952.955	-67.81	1.34	-66.47	-13.00	-53.47	peak	

Test Mode: LTE Band 66\_TX CH132322\_1.4M

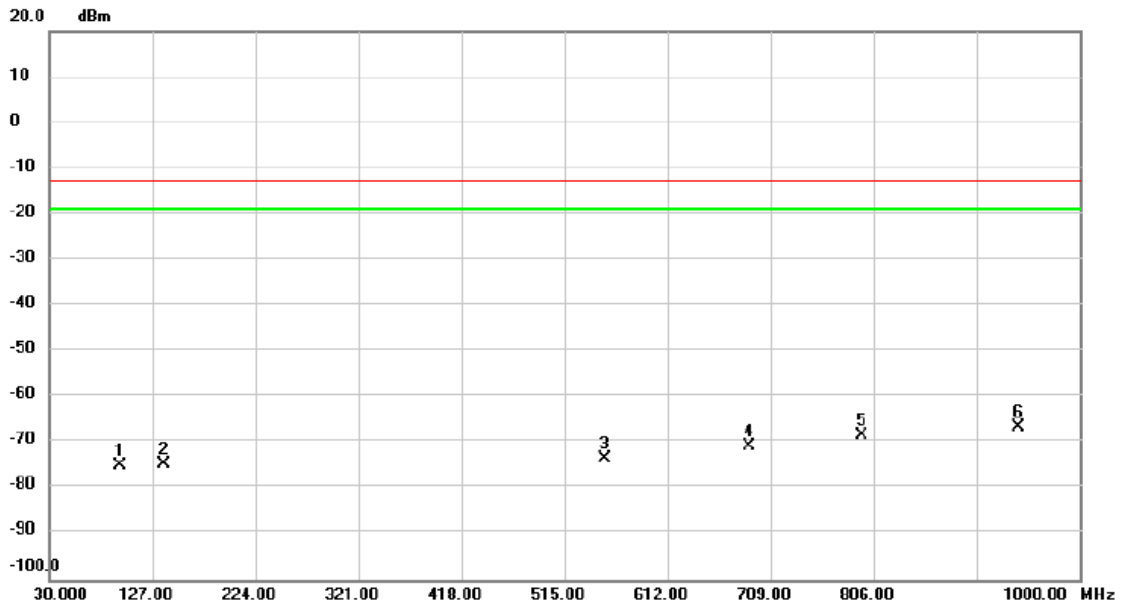
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		36.305	-58.56	-14.93	-73.49	-13.00	-60.49	peak	
2	*	60.070	-49.06	-15.69	-64.75	-13.00	-51.75	peak	
3		156.100	-57.87	-10.94	-68.81	-13.00	-55.81	peak	
4		304.995	-66.56	-10.44	-77.00	-13.00	-64.00	peak	
5		725.975	-64.79	-3.42	-68.21	-13.00	-55.21	peak	
6		952.955	-66.43	1.34	-65.09	-13.00	-52.09	peak	

Test Mode: LTE Band 66\_TX CH132322\_1.4M

**Horizontal**

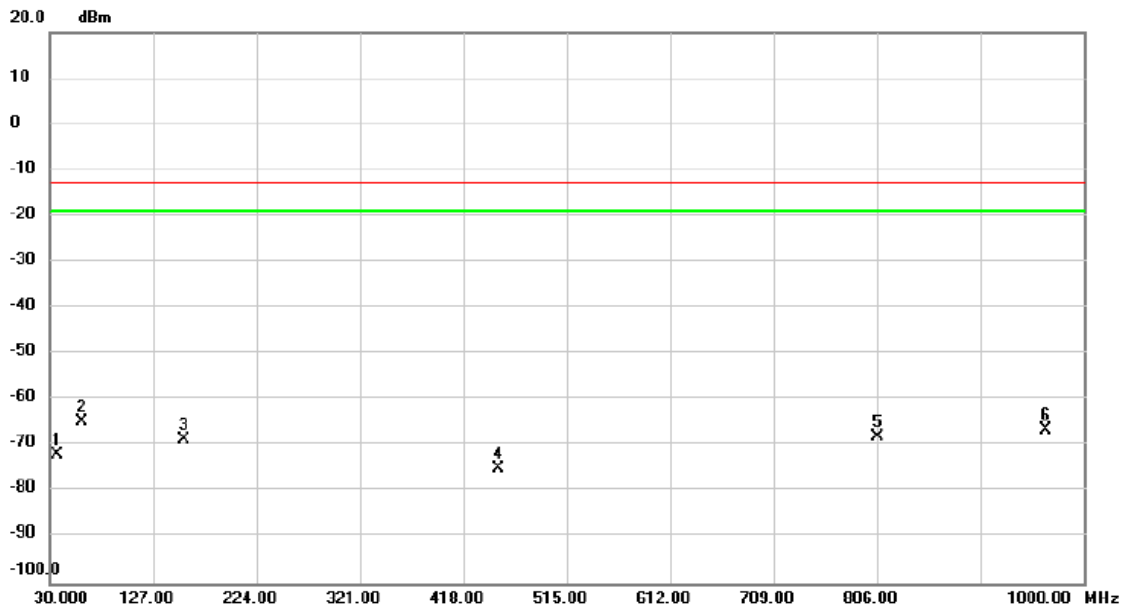


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		96.445	-56.26	-18.81	-75.07	-13.00	-62.07	peak	
2		137.670	-62.17	-12.40	-74.57	-13.00	-61.57	peak	
3		553.315	-68.03	-5.52	-73.55	-13.00	-60.55	peak	
4		689.115	-67.46	-3.28	-70.74	-13.00	-57.74	peak	
5		794.845	-67.14	-1.35	-68.49	-13.00	-55.49	peak	
6	*	941.800	-67.70	1.07	-66.63	-13.00	-53.63	peak	



Test Mode: LTE Band 66\_TX CH132322\_5M

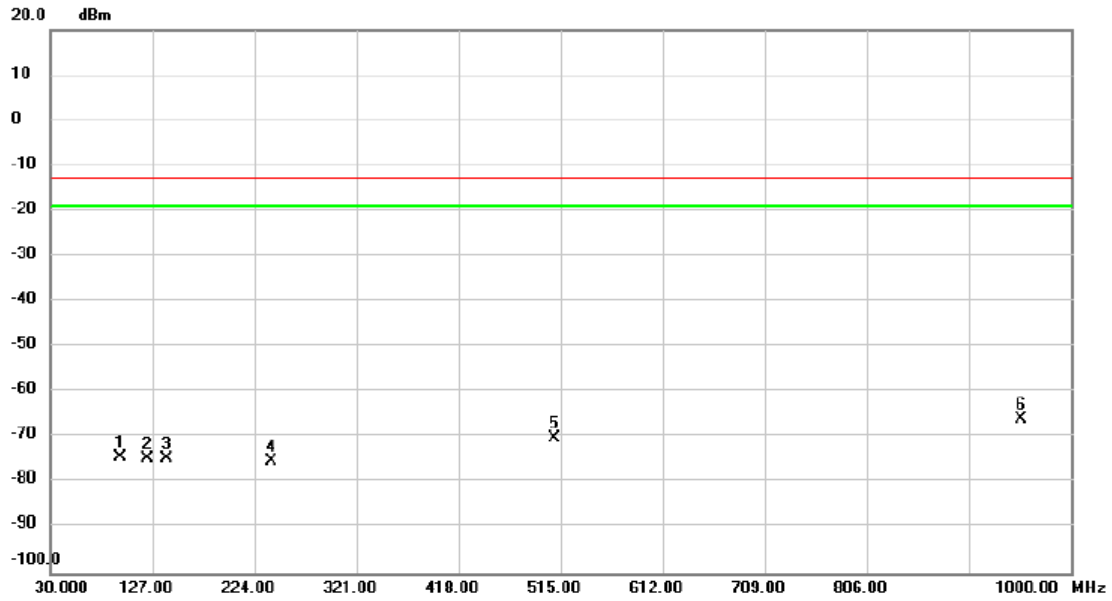
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		36.790	-56.97	-14.86	-71.83	-13.00	-58.83	peak	
2	*	60.555	-48.99	-15.78	-64.77	-13.00	-51.77	peak	
3		155.615	-57.77	-10.99	-68.76	-13.00	-55.76	peak	
4		450.980	-67.67	-7.42	-75.09	-13.00	-62.09	peak	
5		806.970	-66.93	-1.14	-68.07	-13.00	-55.07	peak	
6		964.110	-67.71	1.08	-66.63	-13.00	-53.63	peak	

Test Mode: LTE Band 66\_TX CH132322\_5M

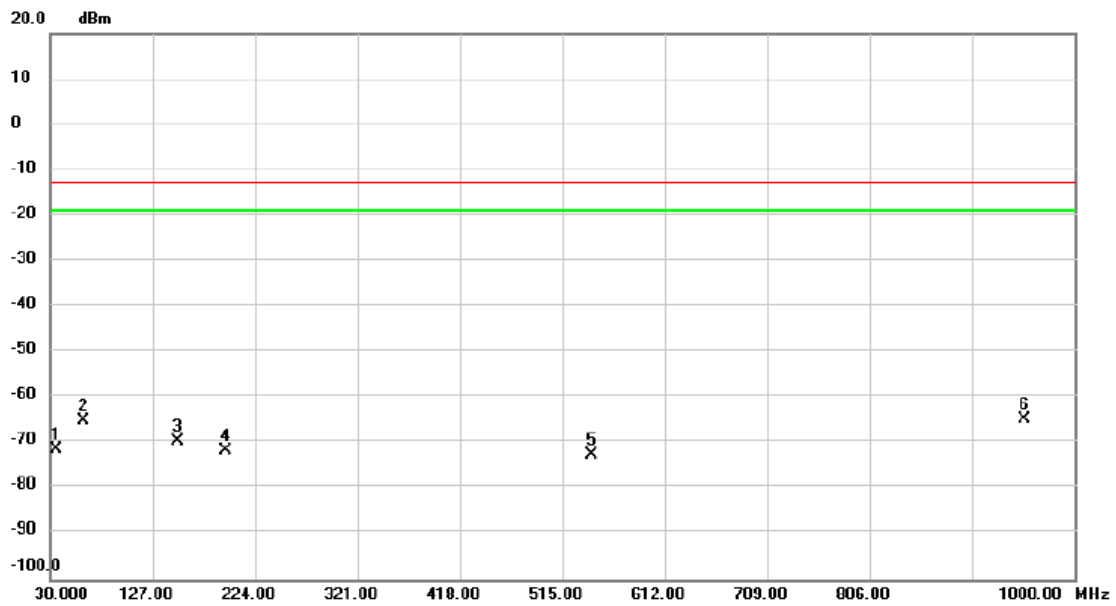
**Horizontal**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		96.930	-55.66	-18.73	-74.39	-13.00	-61.39	peak	
2		122.150	-60.22	-14.40	-74.62	-13.00	-61.62	peak	
3		140.580	-62.63	-12.06	-74.69	-13.00	-61.69	peak	
4		240.005	-60.48	-14.67	-75.15	-13.00	-62.15	peak	
5		509.180	-62.06	-7.96	-70.02	-13.00	-57.02	peak	
6	*	952.955	-67.18	1.34	-65.84	-13.00	-52.84	peak	

Test Mode: LTE Band 66\_TX CH132322\_20M

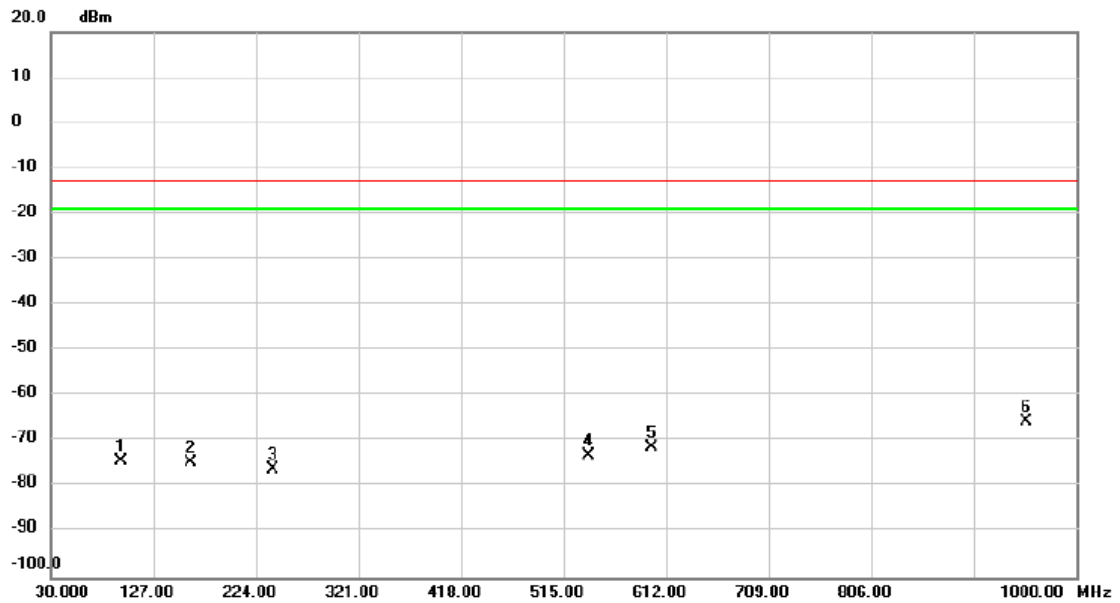
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		36.305	-56.54	-14.93	-71.47	-13.00	-58.47	peak	
2		62.010	-49.14	-16.02	-65.16	-13.00	-52.16	peak	
3		151.250	-58.14	-11.39	-69.53	-13.00	-56.53	peak	
4		196.355	-56.89	-14.88	-71.77	-13.00	-58.77	peak	
5		542.645	-66.58	-5.92	-72.50	-13.00	-59.50	peak	
6	*	952.955	-66.02	1.34	-64.68	-13.00	-51.68	peak	

Test Mode: LTE Band 66\_TX CH132322\_20M

### Horizontal

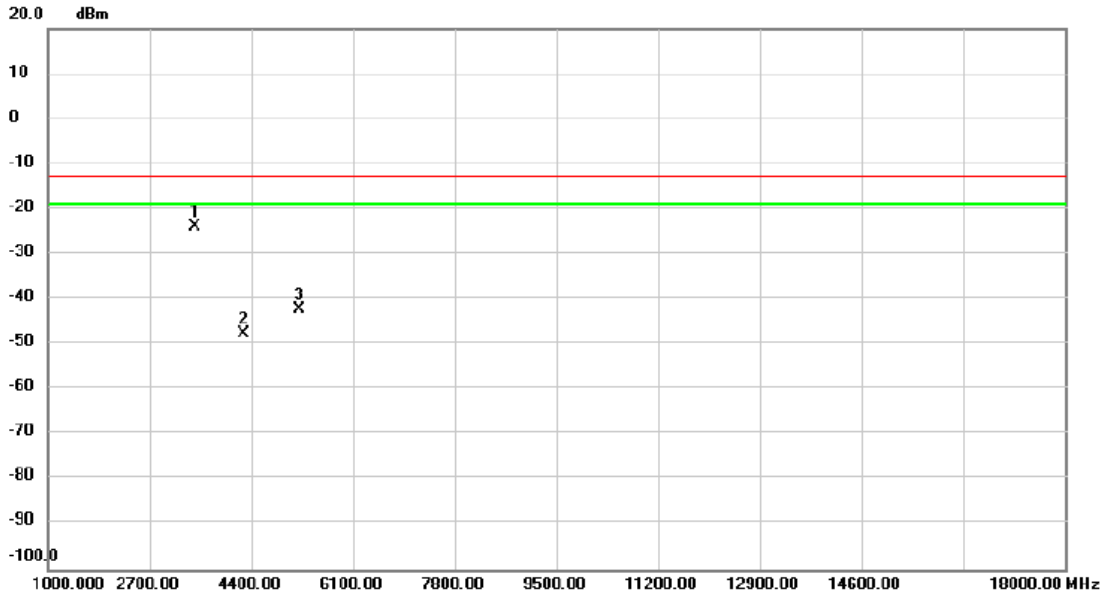


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		96.930	-55.53	-18.73	-74.26	-13.00	-61.26	peak	
2		161.920	-64.05	-10.71	-74.76	-13.00	-61.76	peak	
3		240.005	-61.57	-14.67	-76.24	-13.00	-63.24	peak	
4		538.765	-67.01	-6.16	-73.17	-13.00	-60.17	peak	
5		597.935	-65.00	-6.27	-71.27	-13.00	-58.27	peak	
6 *		952.955	-67.03	1.34	-65.69	-13.00	-52.69	peak	

## APPENDIX F - RADIATED EMISSION (ABOVE 1GHZ)

Test Mode: WCDMA Band IV\_TX CH1413

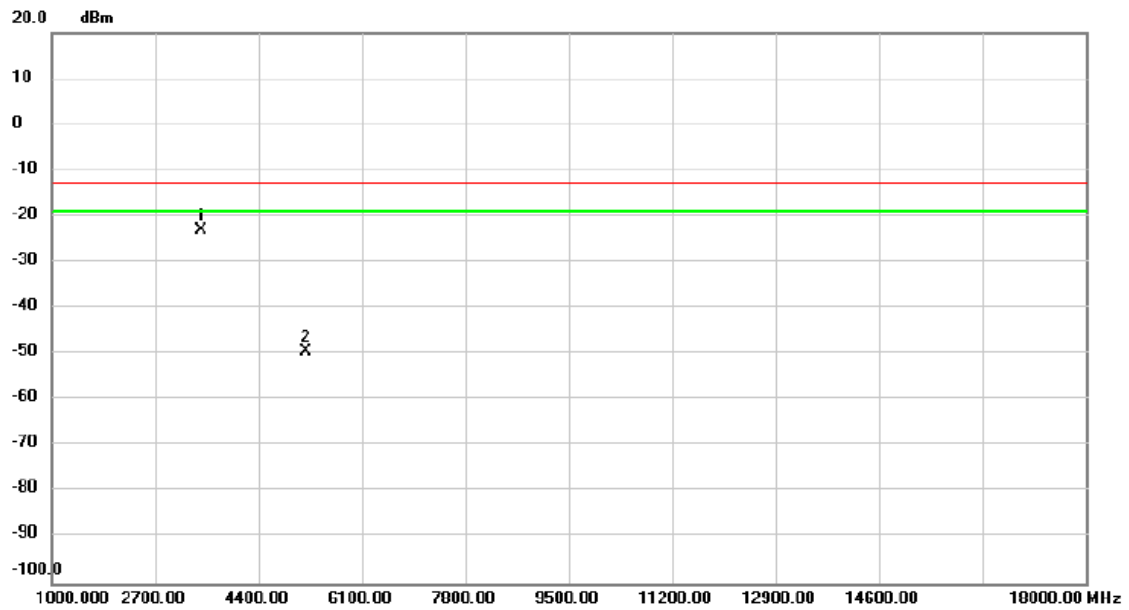
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3465.000	-24.82	0.91	-23.91	-13.00	-10.91	peak	
2		4264.000	-50.73	2.99	-47.74	-13.00	-34.74	peak	
3		5199.000	-47.34	5.01	-42.33	-13.00	-29.33	peak	

Test Mode: WCDMA Band IV \_TX CH1413

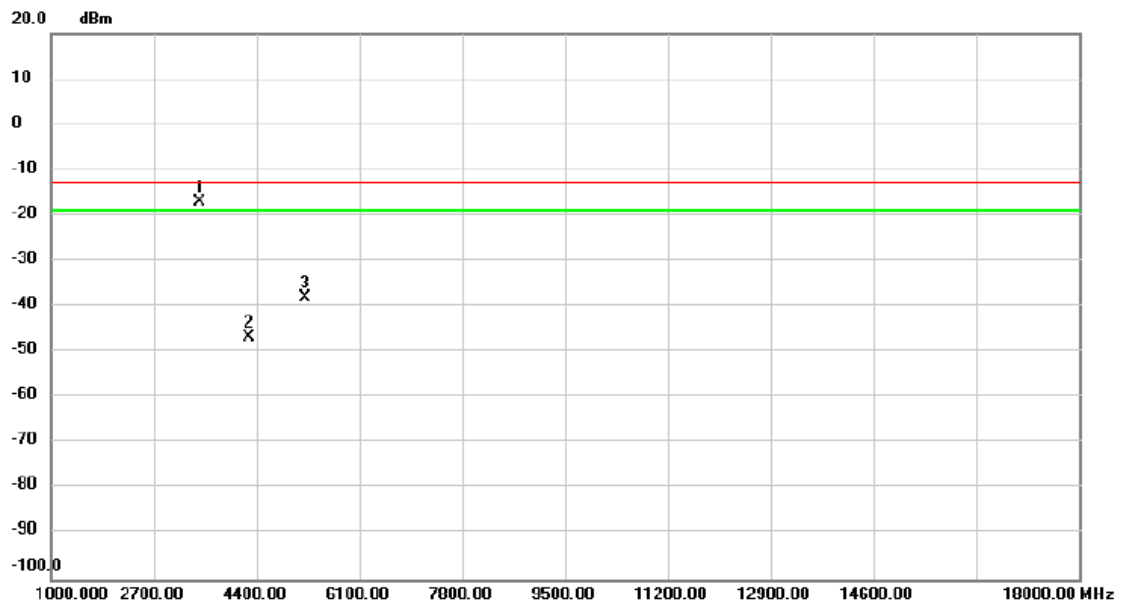
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3465.000	-23.92	0.91	-23.01	-13.00	-10.01	peak	
2		5190.500	-54.41	4.99	-49.42	-13.00	-36.42	peak	

Test Mode: LTE Band 4\_TX CH20175\_1.4M

Vertical

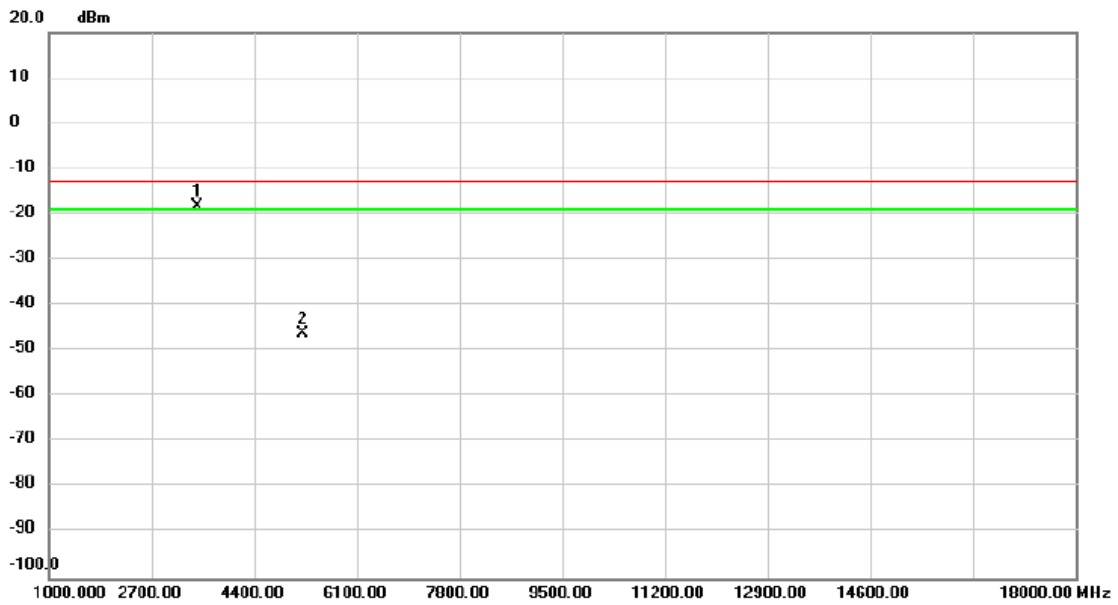


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3464.110	-18.09	0.90	-17.19	-13.00	-4.19	peak	
2		4264.000	-49.71	2.99	-46.72	-13.00	-33.72	peak	
3		5199.000	-43.08	5.01	-38.07	-13.00	-25.07	peak	



Test Mode: LTE Band 4\_TX CH20175\_1.4M

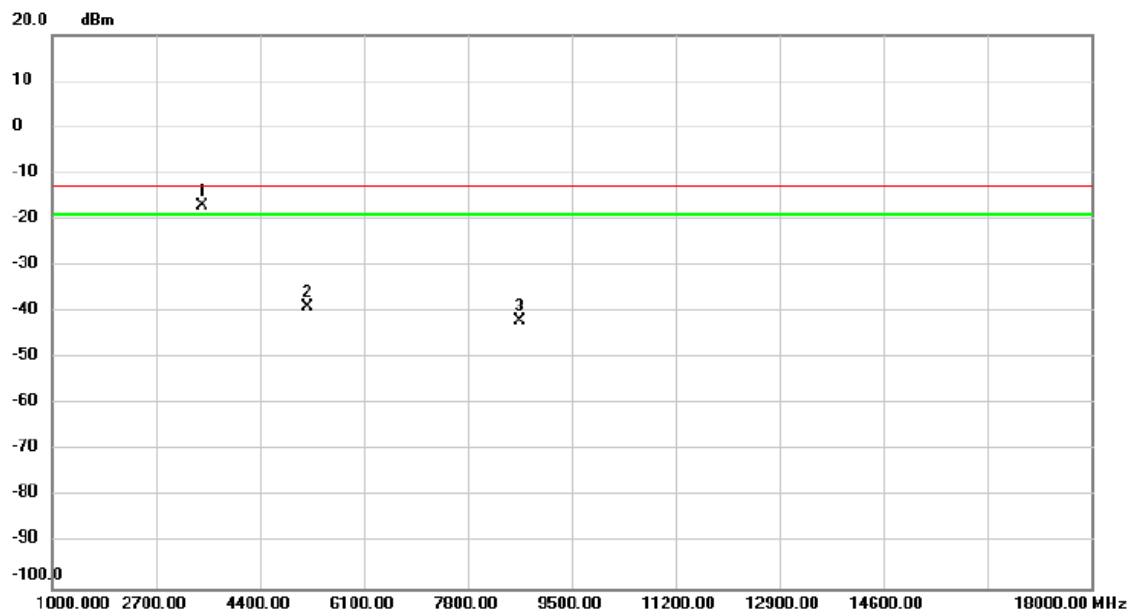
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3464.053	-19.28	0.90	-18.38	-13.00	-5.38	peak	
2		5199.000	-51.12	5.01	-46.11	-13.00	-33.11	peak	

Test Mode: LTE Band 4\_TX CH20175\_5M

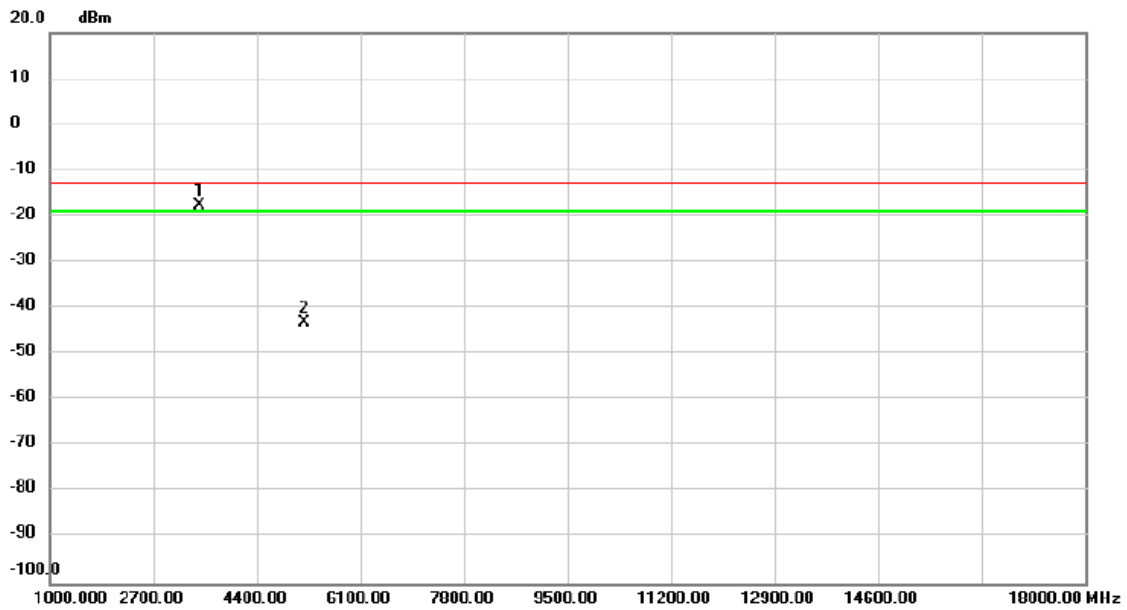
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3460.635	-18.03	0.90	-17.13	-13.00	-4.13	peak	
2		5190.500	-43.80	4.99	-38.81	-13.00	-25.81	peak	
3		8650.000	-53.27	11.19	-42.08	-13.00	-29.08	peak	

Test Mode: LTE Band 4\_TX CH20175\_5M

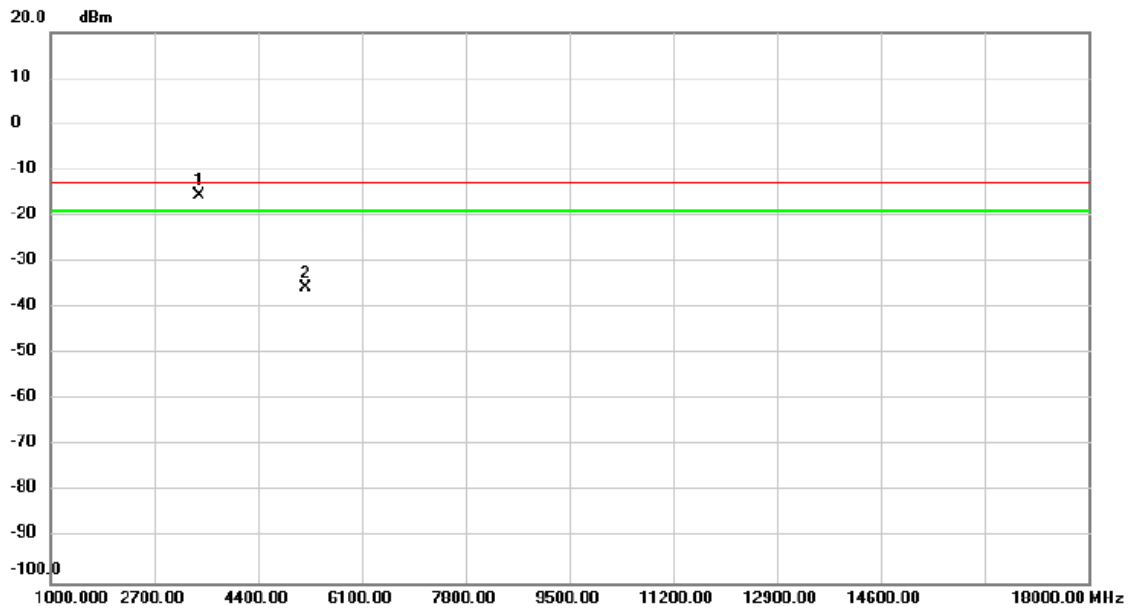
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3460.608	-18.51	0.90	-17.61	-13.00	-4.61	peak	
2		5190.500	-48.13	4.99	-43.14	-13.00	-30.14	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M

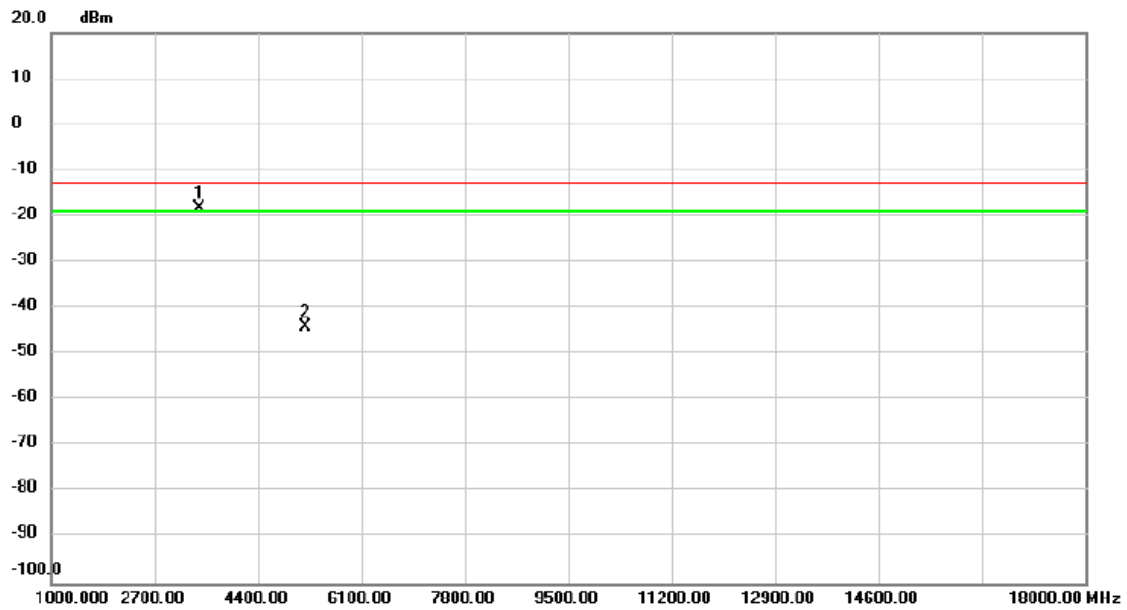
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3447.180	-16.46	0.89	-15.57	-13.00	-2.57	peak	
2		5173.500	-40.58	4.96	-35.62	-13.00	-22.62	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M

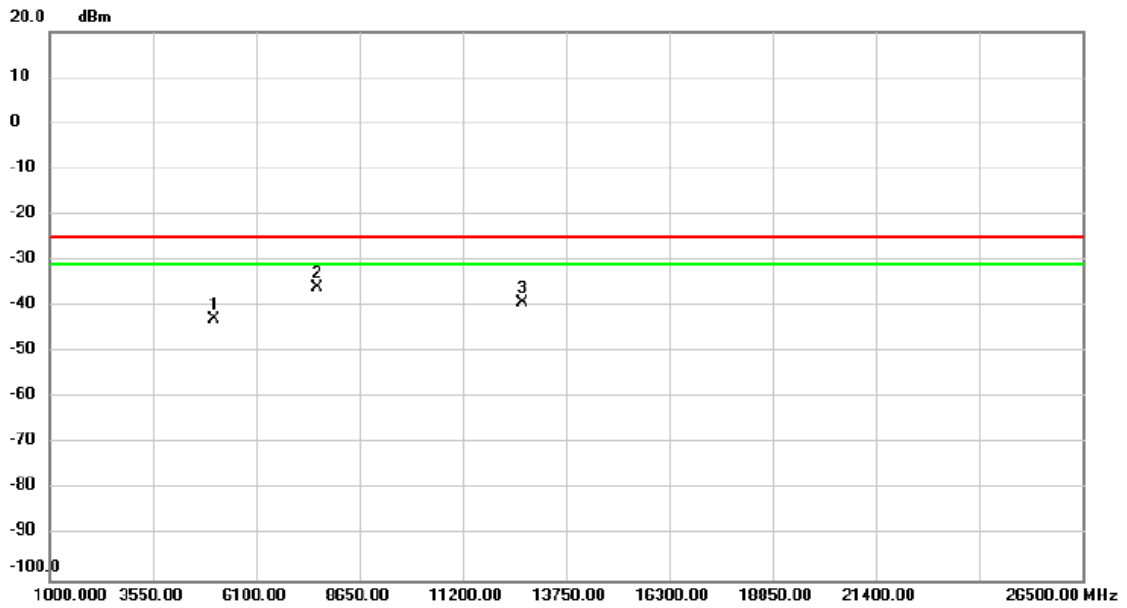
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3447.108	-19.19	0.89	-18.30	-13.00	-5.30	peak	
2		5173.500	-49.09	4.96	-44.13	-13.00	-31.13	peak	

Test Mode: LTE Band 7\_TX CH21100\_5M

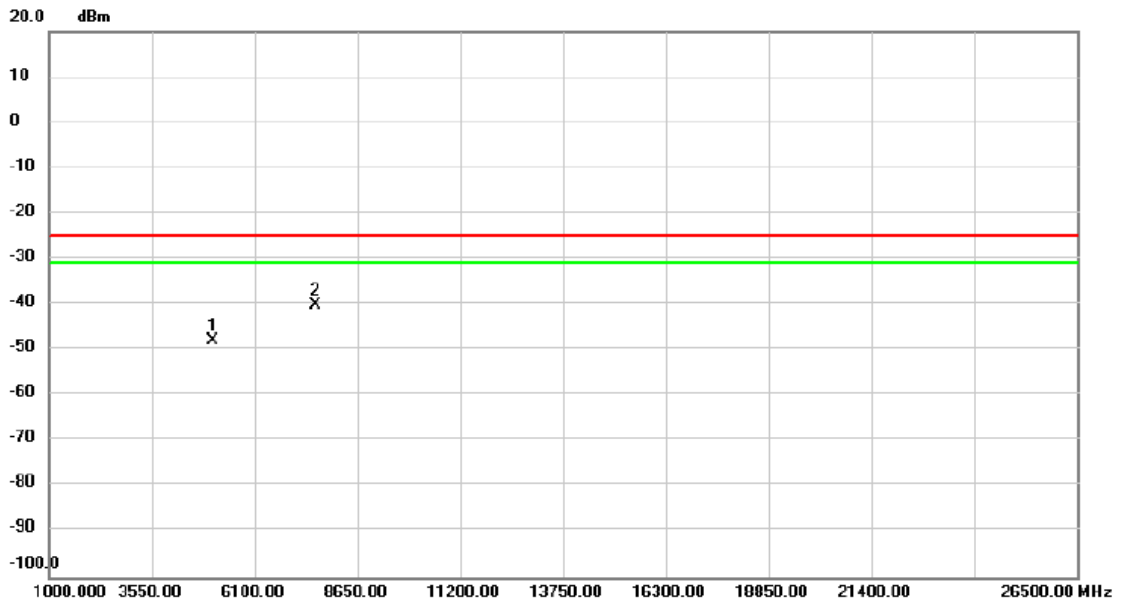
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5067.250	-47.61	4.74	-42.87	-25.00	-17.87	peak	
2	*	7604.500	-46.97	11.00	-35.97	-25.00	-10.97	peak	
3		12666.250	-54.50	15.40	-39.10	-25.00	-14.10	peak	

Test Mode: LTE Band 7\_TX CH21100\_5M

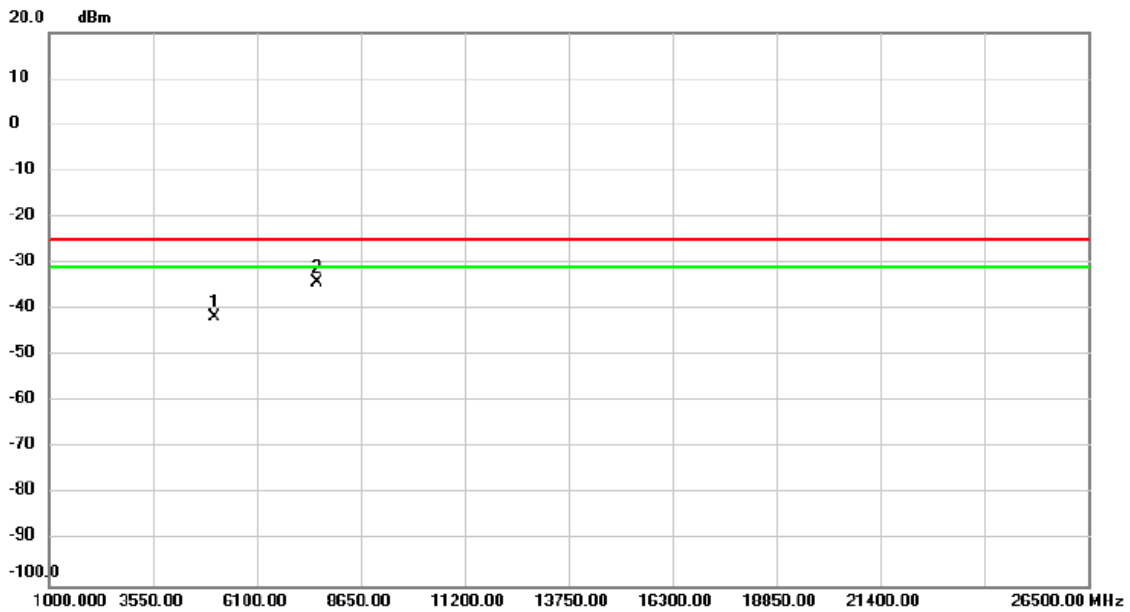
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5067.250	-52.69	4.74	-47.95	-25.00	-22.95	peak	
2	*	7604.500	-51.22	11.00	-40.22	-25.00	-15.22	peak	

Test Mode: LTE Band 7\_TX CH21100\_20M

**Vertical**

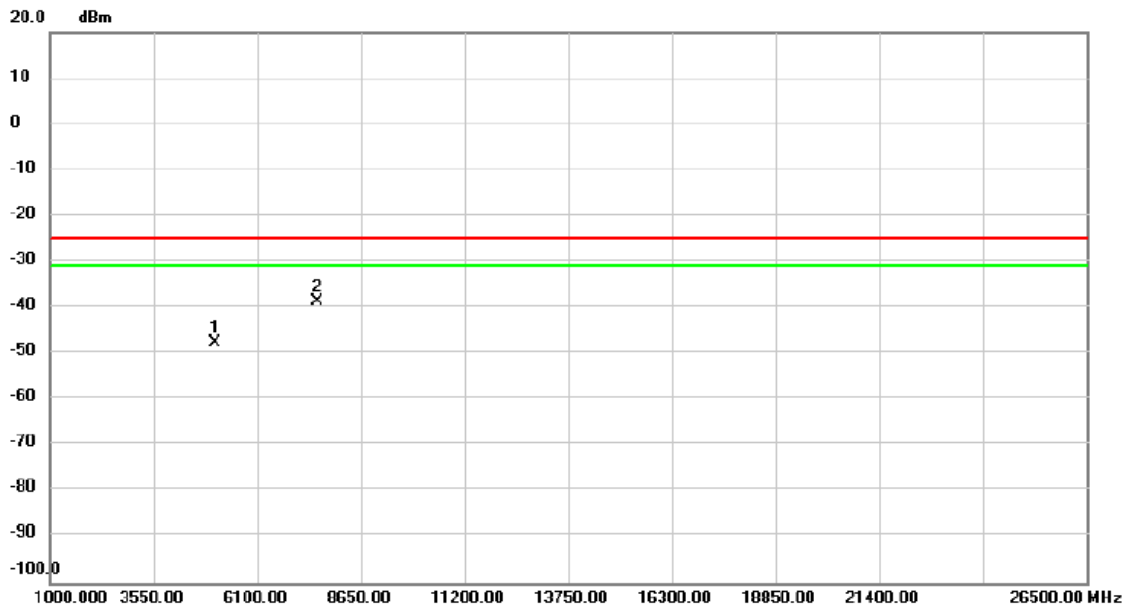


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5054.500	-46.50	4.72	-41.78	-25.00	-16.78	peak	
2	*	7579.000	-45.29	11.02	-34.27	-25.00	-9.27	peak	



Test Mode: LTE Band 7\_TX CH2100\_20M

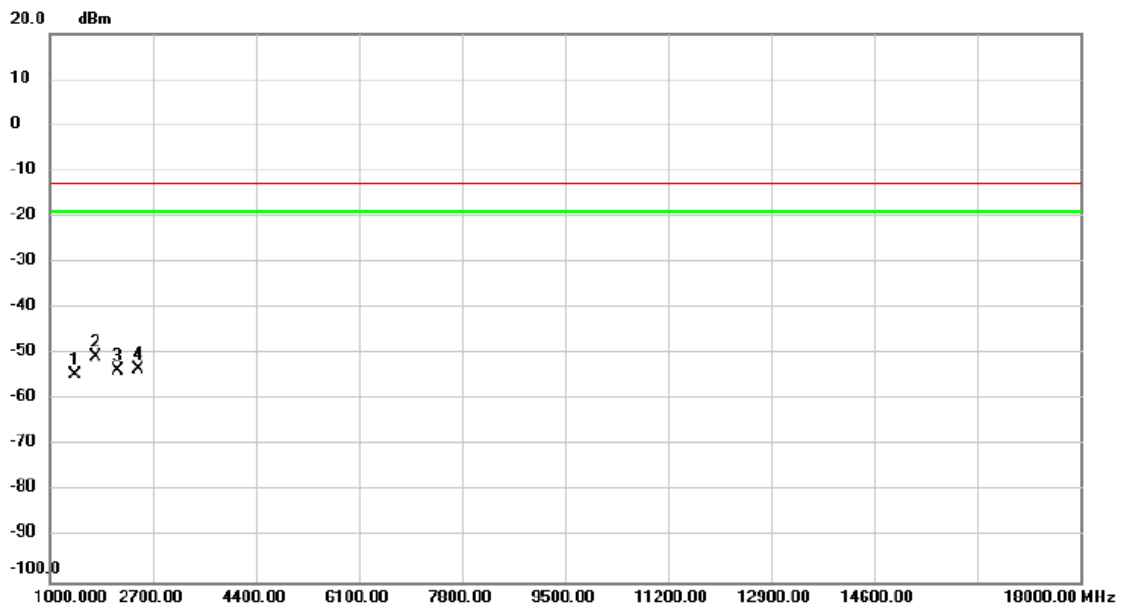
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5054.500	-52.25	4.72	-47.53	-25.00	-22.53	peak	
2	*	7579.000	-49.82	11.02	-38.80	-25.00	-13.80	peak	

Test Mode: LTE Band 12\_TX CH23095\_1.4M

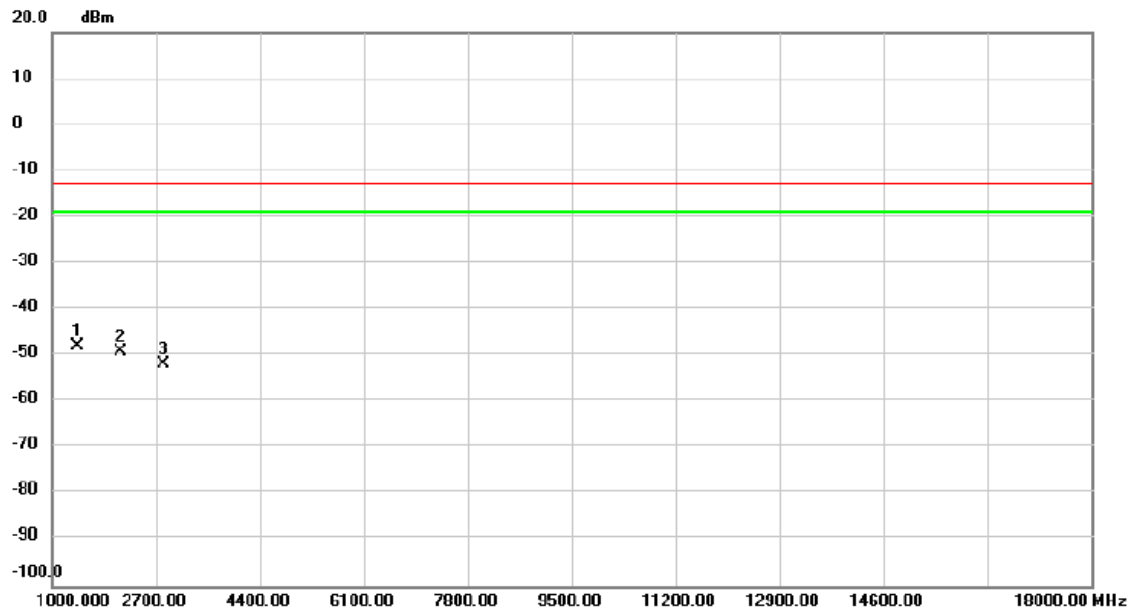
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1416.500	-49.24	-5.35	-54.59	-13.00	-41.59	peak	
2	*	1748.000	-46.67	-3.95	-50.62	-13.00	-37.62	peak	
3		2122.000	-50.67	-3.05	-53.72	-13.00	-40.72	peak	
4		2453.500	-50.37	-2.97	-53.34	-13.00	-40.34	peak	

Test Mode: LTE Band 12\_TX CH23095\_1.4M

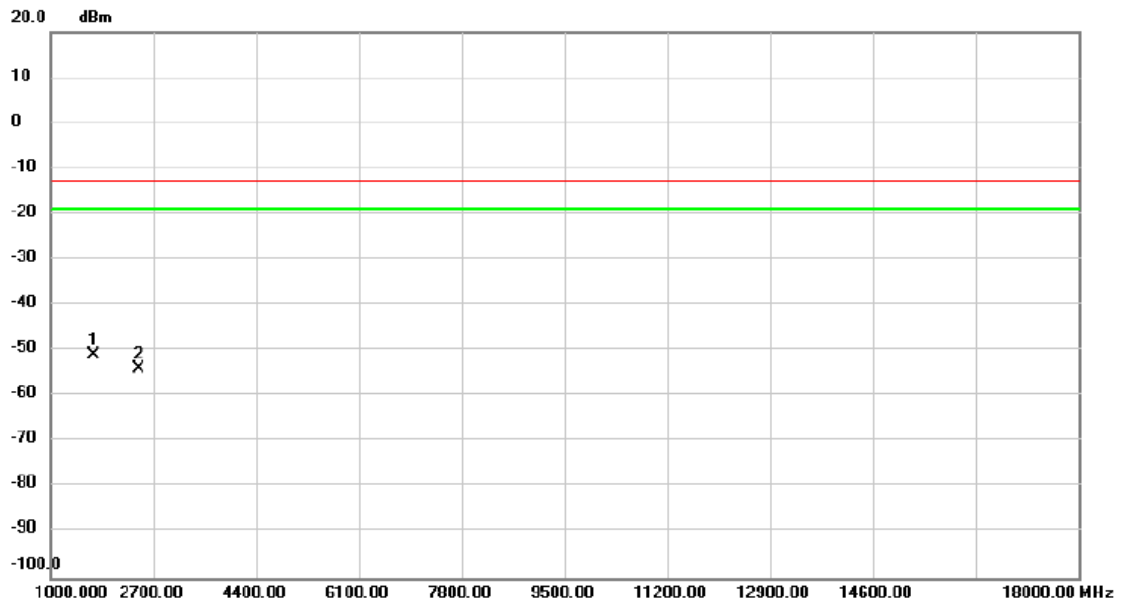
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1416.500	-42.56	-5.35	-47.91	-13.00	-34.91	peak	
2		2122.000	-46.00	-3.05	-49.05	-13.00	-36.05	peak	
3		2827.500	-51.36	-0.60	-51.96	-13.00	-38.96	peak	

Test Mode: LTE Band 12\_TX CH23095\_5M

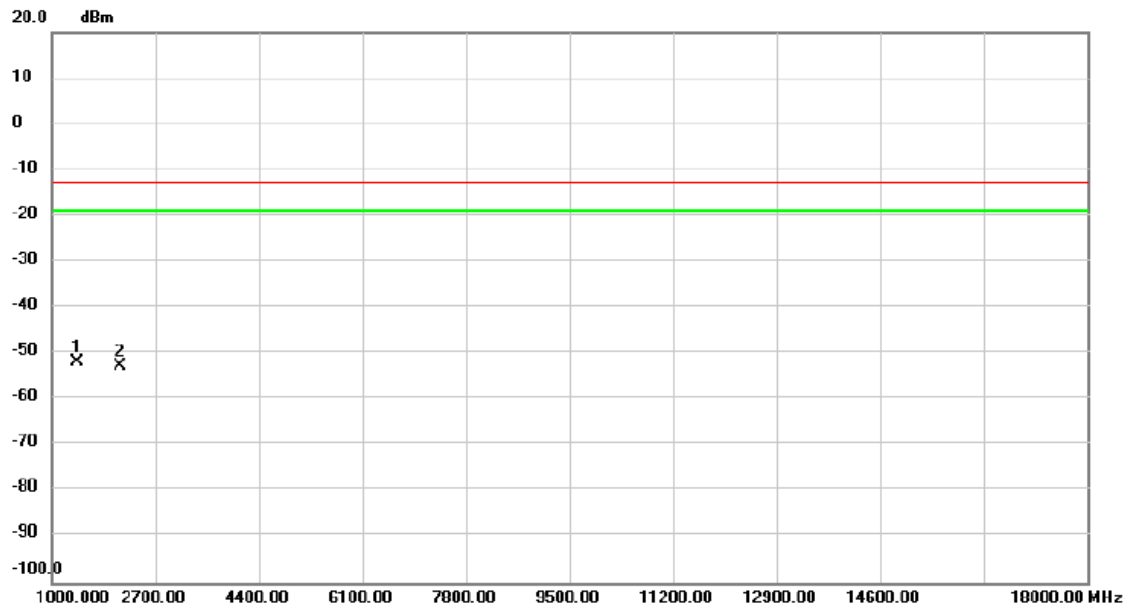
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1714.000	-46.78	-4.07	-50.85	-13.00	-37.85	peak	
2		2462.000	-51.11	-2.97	-54.08	-13.00	-41.08	peak	

Test Mode: LTE Band 12\_TX CH23095\_5M

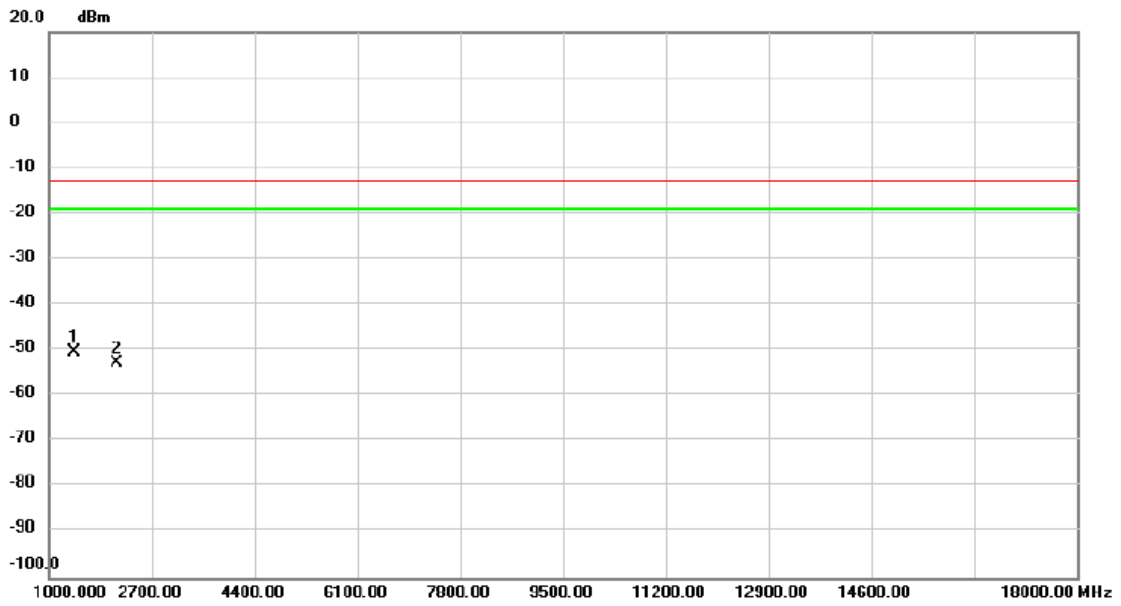
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1416.500	-46.50	-5.35	-51.85	-13.00	-38.85	peak	
2		2122.000	-49.73	-3.05	-52.78	-13.00	-39.78	peak	

Test Mode: LTE Band 12\_TX CH23095\_10M

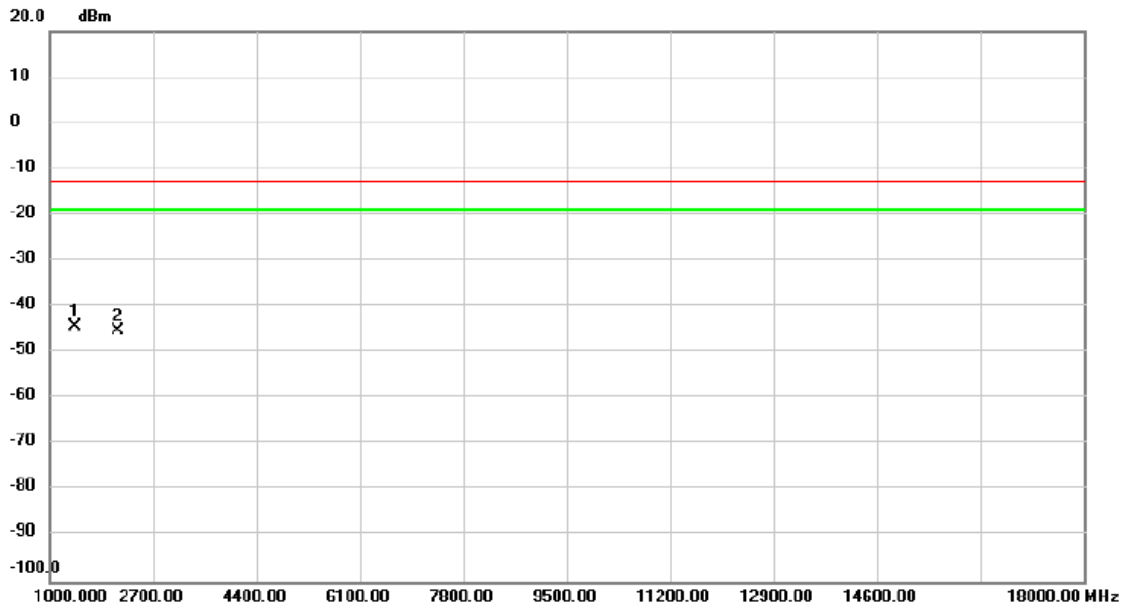
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1408.000	-44.90	-5.40	-50.30	-13.00	-37.30	peak	
2		2113.500	-49.61	-3.05	-52.66	-13.00	-39.66	peak	

Test Mode: LTE Band 12\_TX CH23095\_10M

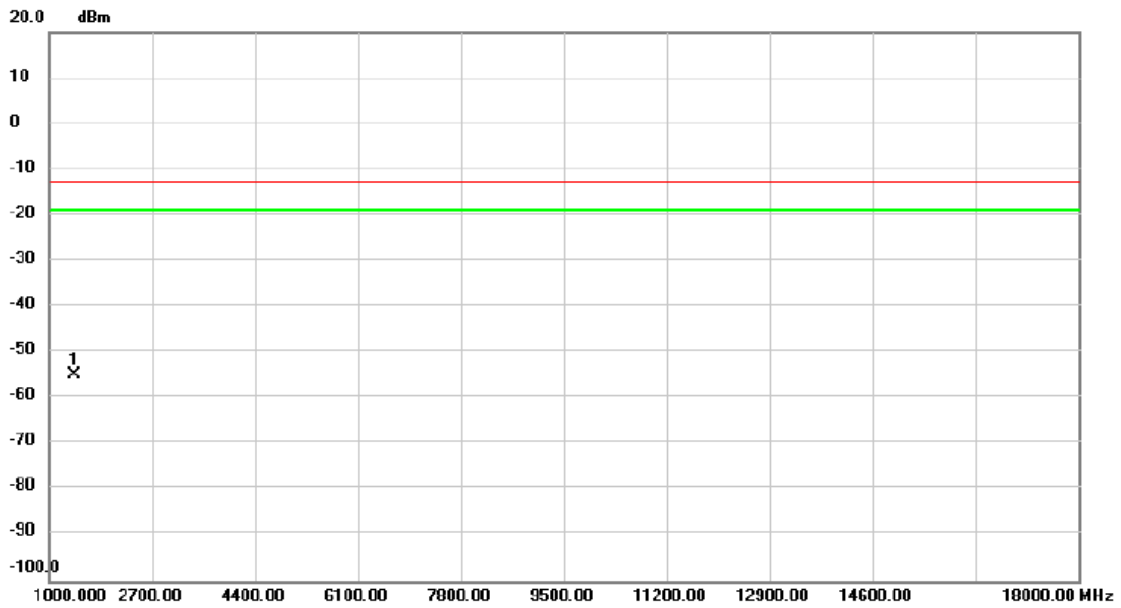
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1408.000	-39.06	-5.40	-44.46	-13.00	-31.46	peak	
2		2113.500	-42.31	-3.05	-45.36	-13.00	-32.36	peak	

Test Mode: LTE Band 17\_TX CH23790\_5M

Vertical

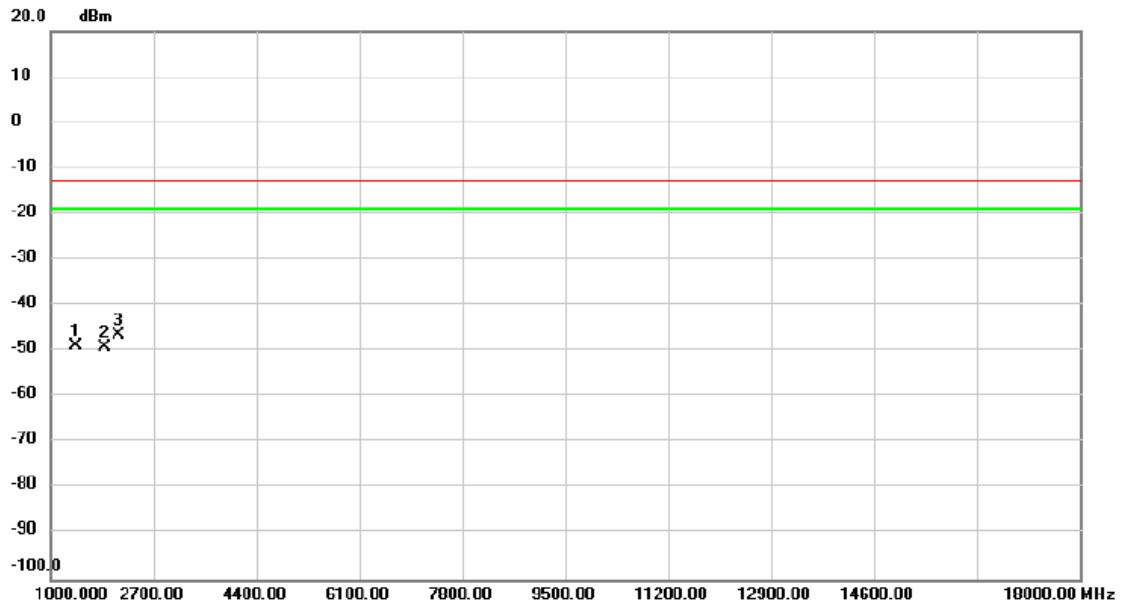


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1416.500	-49.48	-5.35	-54.83	-13.00	-41.83	peak	



Test Mode: LTE Band 17\_TX CH23790\_5M

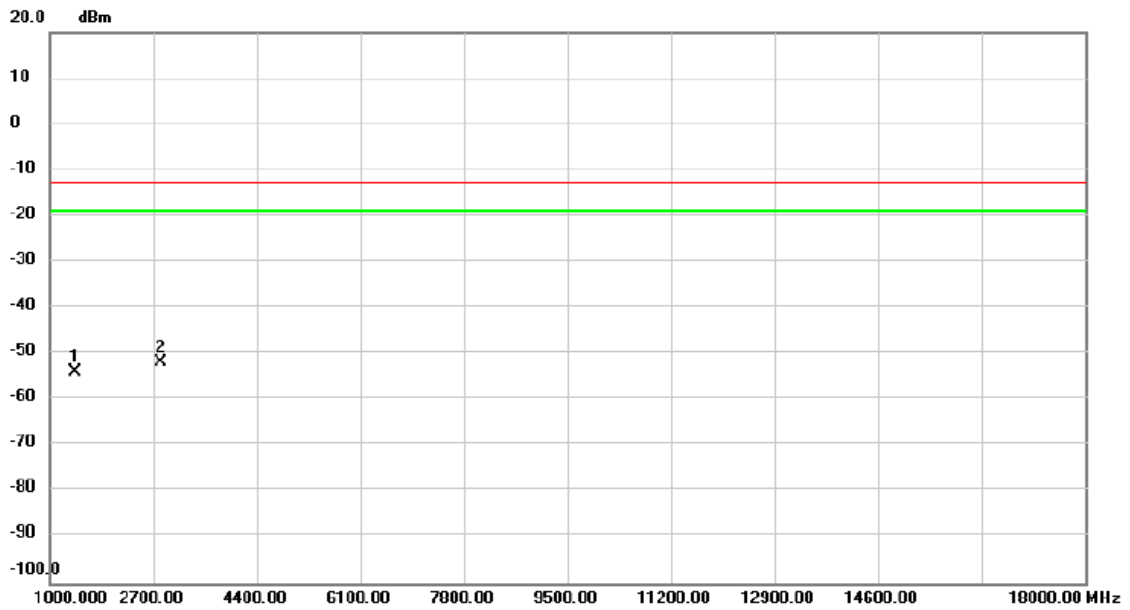
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1416.500	-43.53	-5.35	-48.88	-13.00	-35.88	peak	
2		1884.000	-45.56	-3.47	-49.03	-13.00	-36.03	peak	
3	*	2122.000	-43.46	-3.05	-46.51	-13.00	-33.51	peak	

Test Mode: LTE Band 17\_TX CH23790\_10M

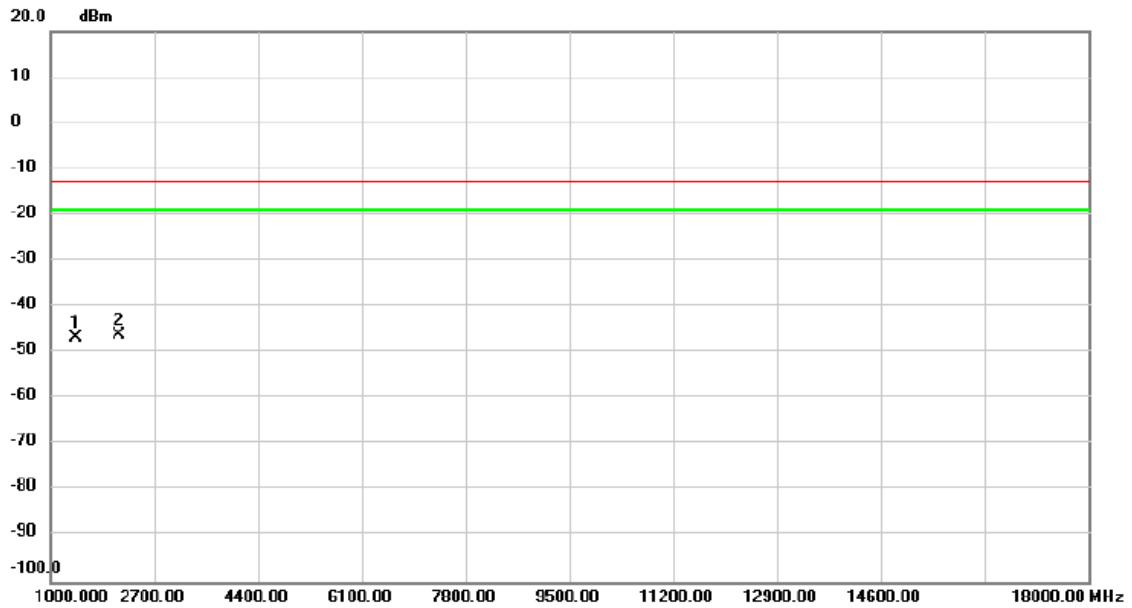
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1408.000	-48.63	-5.40	-54.03	-13.00	-41.03	peak	
2	*	2819.000	-51.08	-0.65	-51.73	-13.00	-38.73	peak	

Test Mode: LTE Band 17\_TX CH23790\_10M

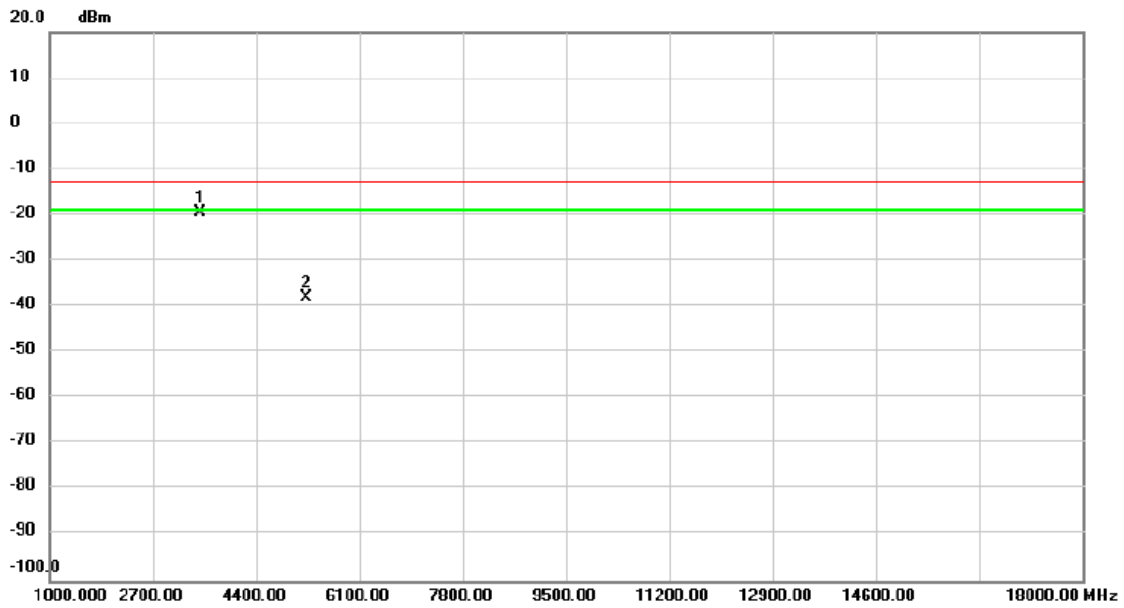
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1408.000	-41.47	-5.40	-46.87	-13.00	-33.87	peak	
2	*	2113.500	-43.04	-3.05	-46.09	-13.00	-33.09	peak	

Test Mode: LTE Band 66\_TX CH132322\_1.4M

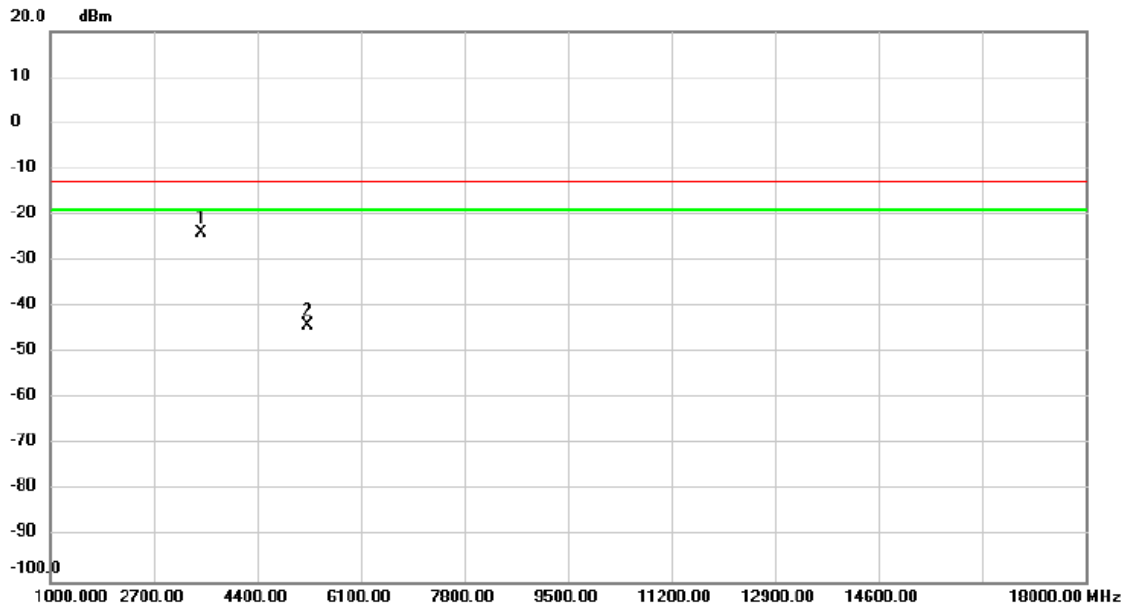
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3490.500	-20.48	0.92	-19.56	-13.00	-6.56	peak	
2		5233.000	-43.18	5.09	-38.09	-13.00	-25.09	peak	

Test Mode: LTE Band 66\_TX CH132322\_1.4M

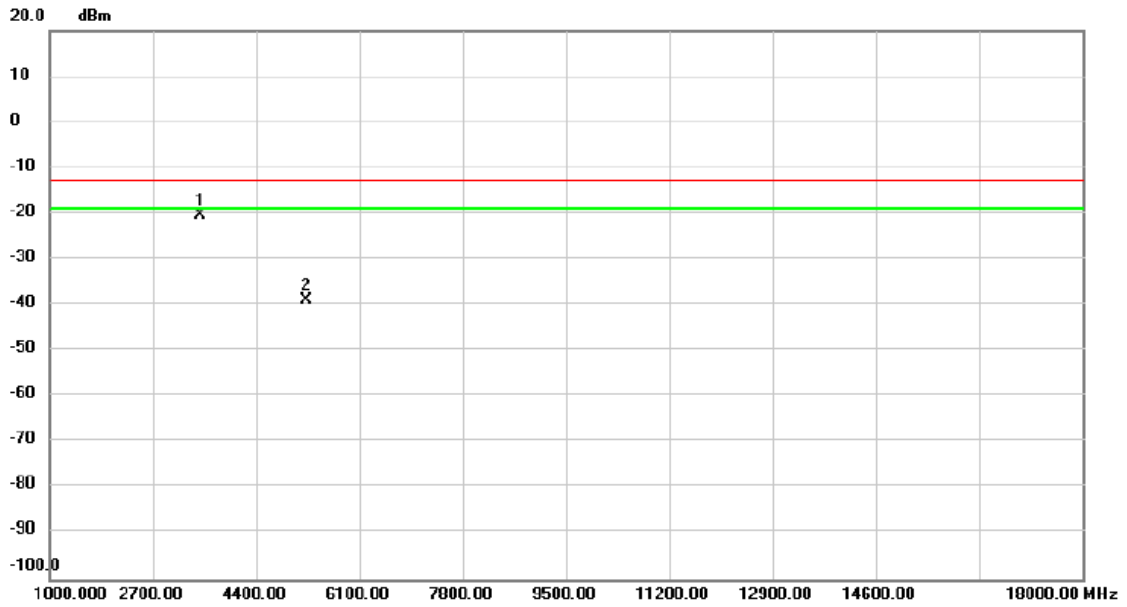
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3490.500	-24.91	0.92	-23.99	-13.00	-10.99	peak	
2		5233.000	-49.21	5.09	-44.12	-13.00	-31.12	peak	

Test Mode: LTE Band 66\_TX CH132322\_5M

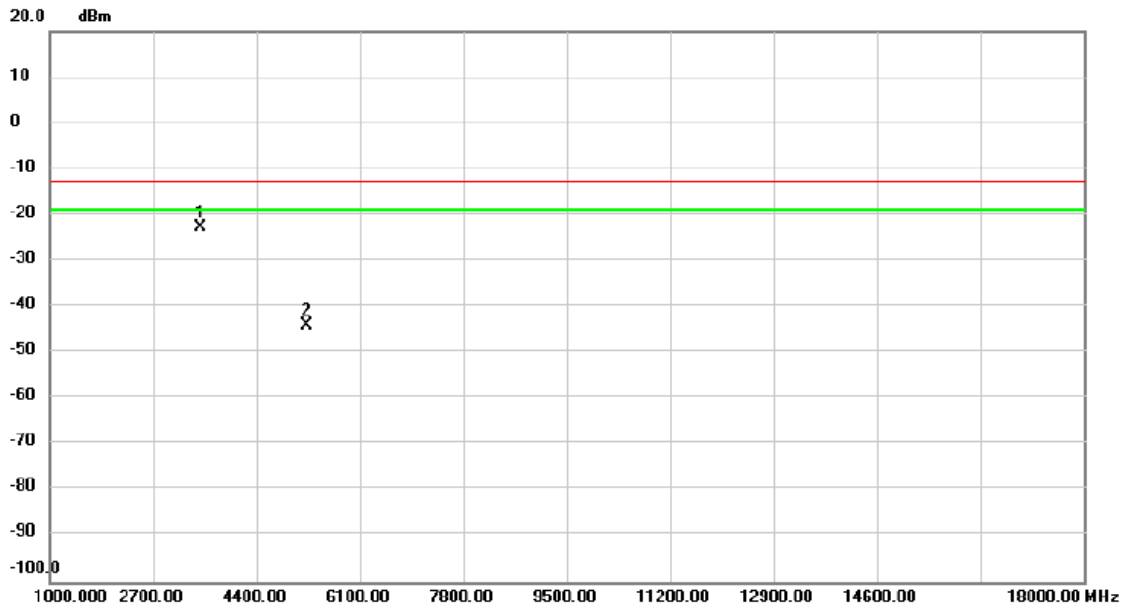
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3482.000	-21.41	0.92	-20.49	-13.00	-7.49	peak	
2		5224.500	-44.07	5.07	-39.00	-13.00	-26.00	peak	

Test Mode: LTE Band 66\_TX CH132322\_5M

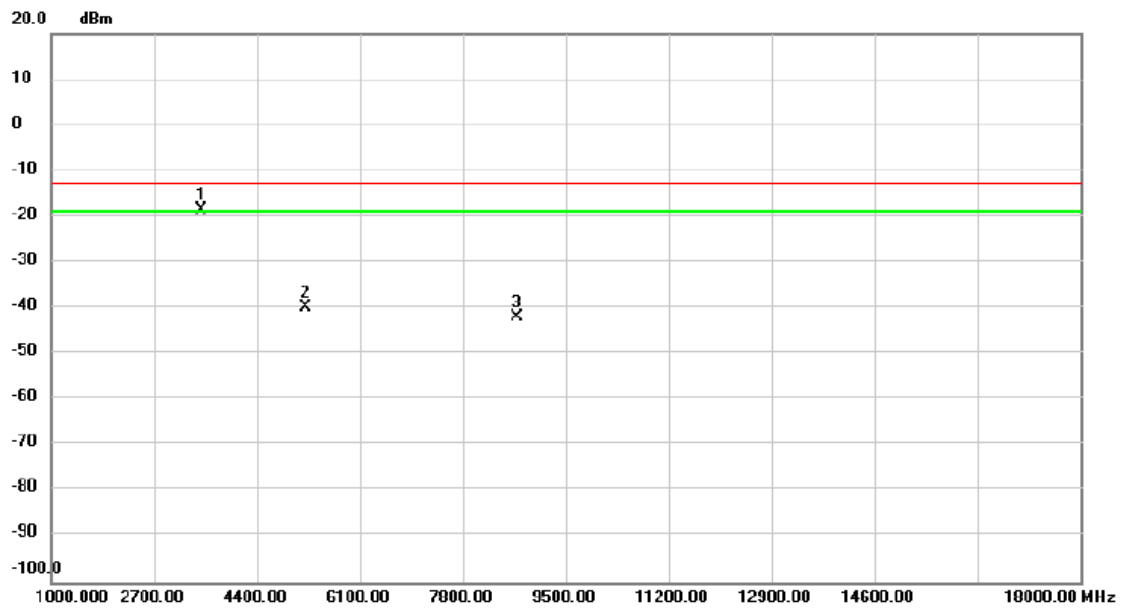
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3482.000	-23.61	0.92	-22.69	-13.00	-9.69	peak	
2		5224.500	-49.10	5.07	-44.03	-13.00	-31.03	peak	

Test Mode: LTE Band 66\_TX CH132322\_20M

Vertical

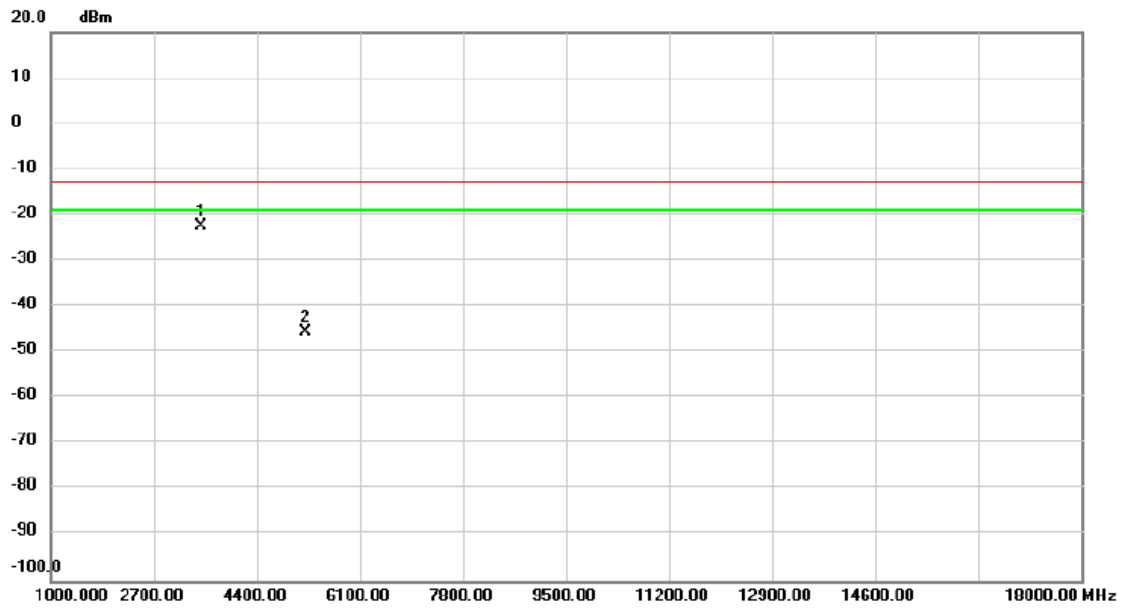


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3473.500	-19.59	0.91	-18.68	-13.00	-5.68	peak	
2		5207.500	-44.89	5.02	-39.87	-13.00	-26.87	peak	
3		8684.000	-53.24	11.20	-42.04	-13.00	-29.04	peak	



Test Mode: LTE Band 66\_TX CH132322\_20M

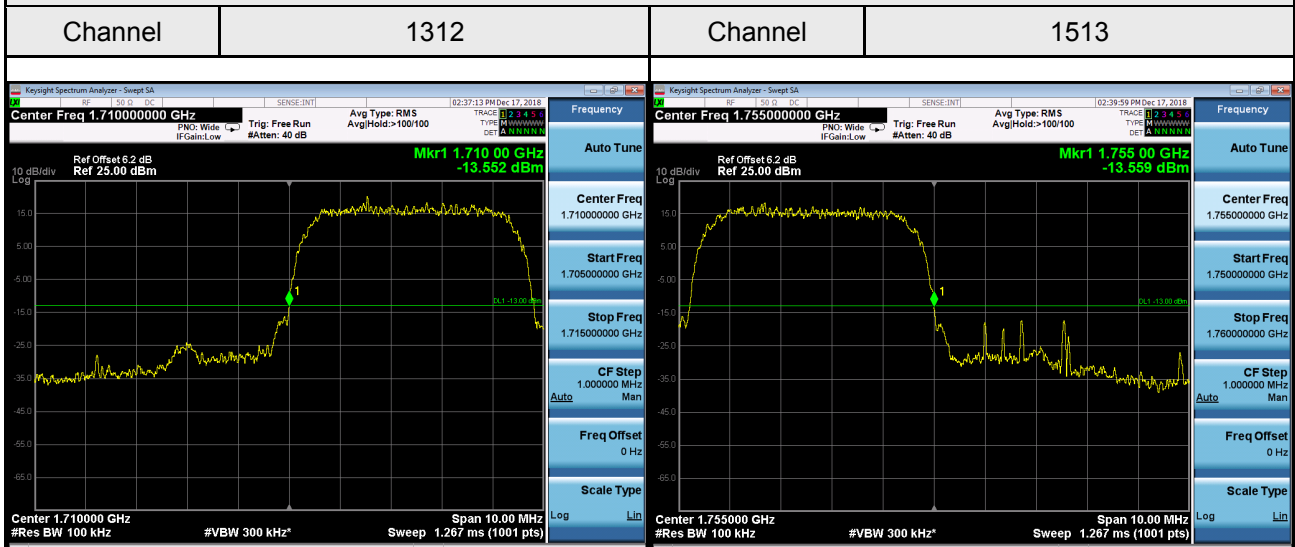
### Horizontal



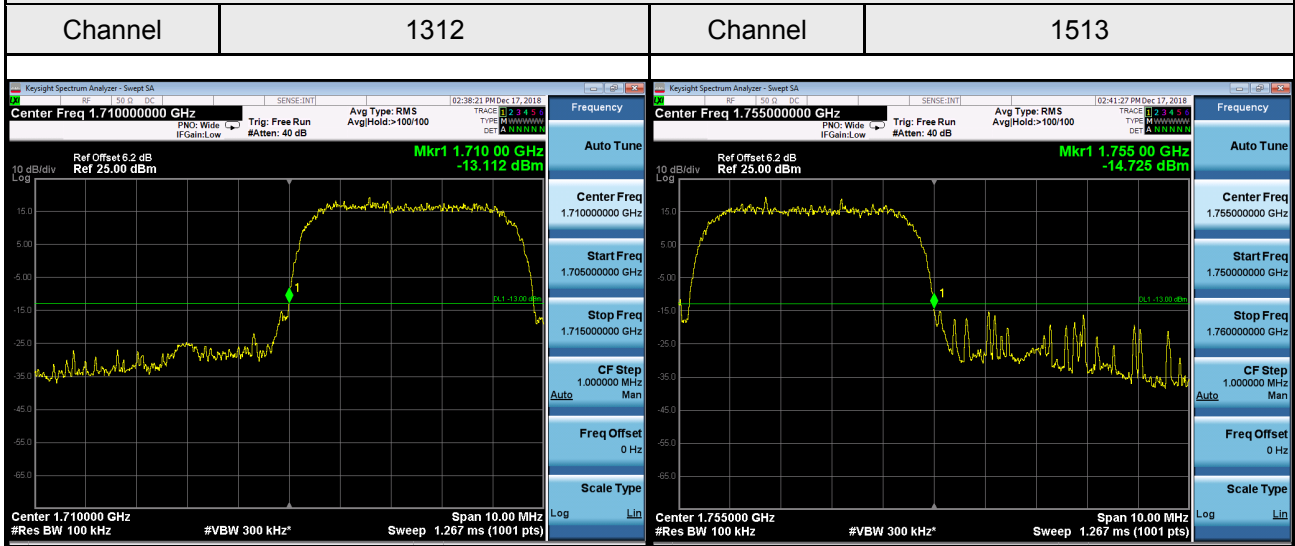
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3473.500	-23.23	0.91	-22.32	-13.00	-9.32	peak	
2		5207.500	-50.44	5.02	-45.42	-13.00	-32.42	peak	

## APPENDIX G - BAND EDGE

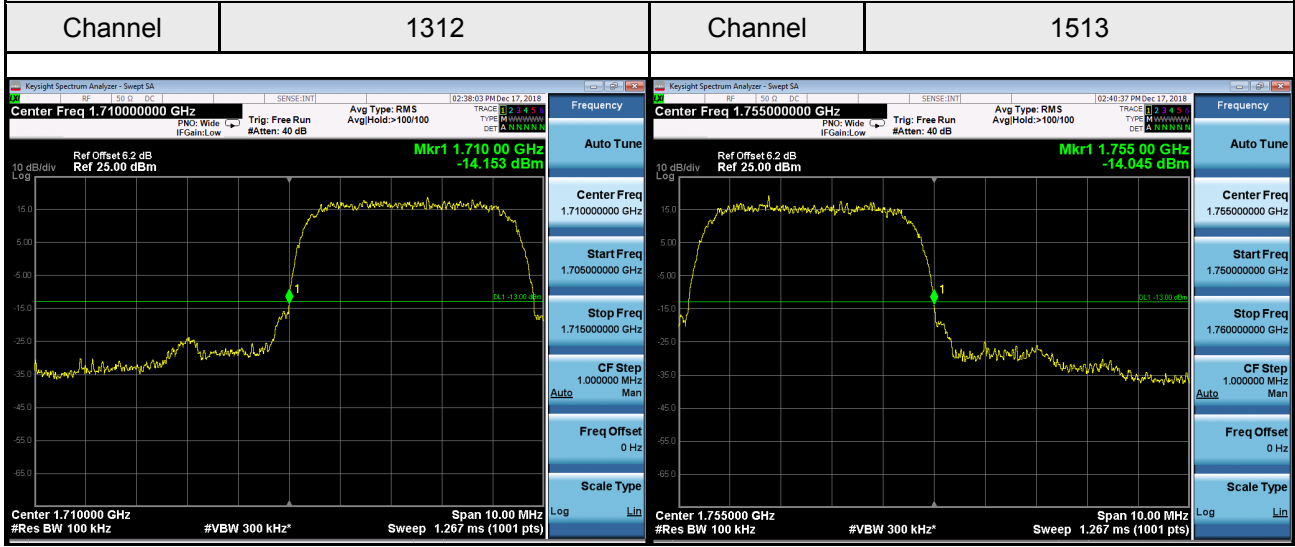
### WCDMA Band IV\_WCDMA



### WCDMA Band IV\_HSDPA



### WCDMA Band IV\_HSUPA



### LTE Band 4\_1.4M

1RB0

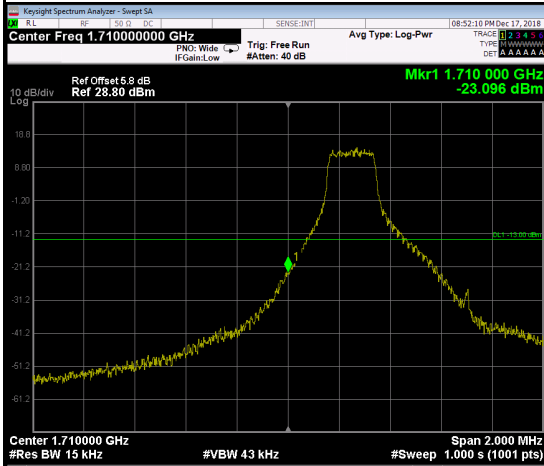
1RB5

Channel

19957

Channel

20393



Auto Tune

Center Freq  
1.71000000 GHz

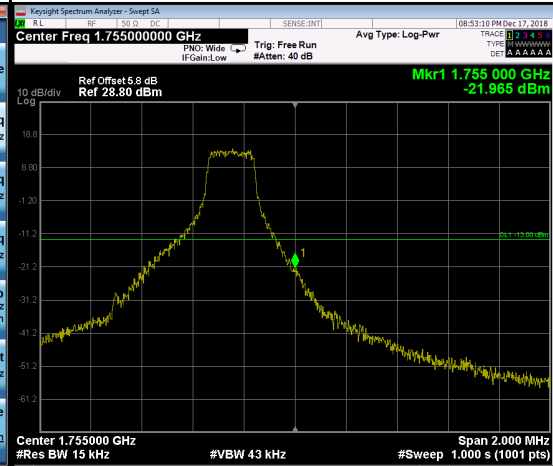
Start Freq  
1.709000000 GHz

Stop Freq  
1.711000000 GHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

Scale Type  
Log Lin



Auto Tune

Center Freq  
1.75500000 GHz

Start Freq  
1.754000000 GHz

Stop Freq  
1.756000000 GHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

Scale Type  
Log Lin

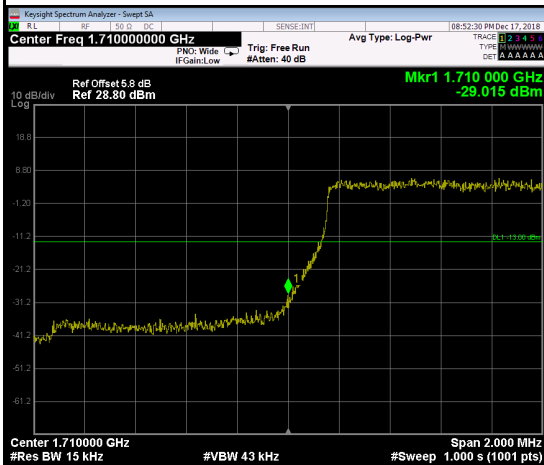
### 6RB0

Channel

19957

Channel

20393



Auto Tune

Center Freq  
1.71000000 GHz

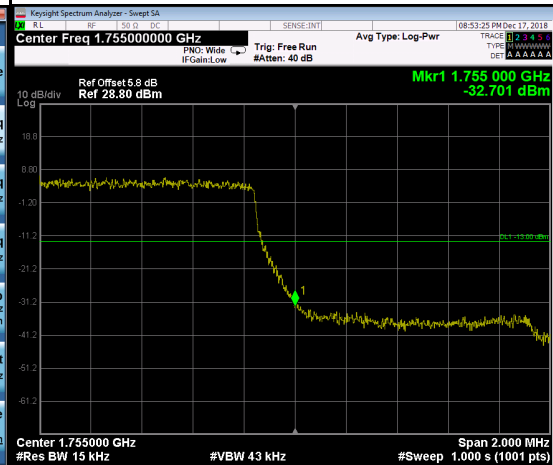
Start Freq  
1.709000000 GHz

Stop Freq  
1.711000000 GHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

Scale Type  
Log Lin



Auto Tune

Center Freq  
1.75500000 GHz

Start Freq  
1.754000000 GHz

Stop Freq  
1.756000000 GHz

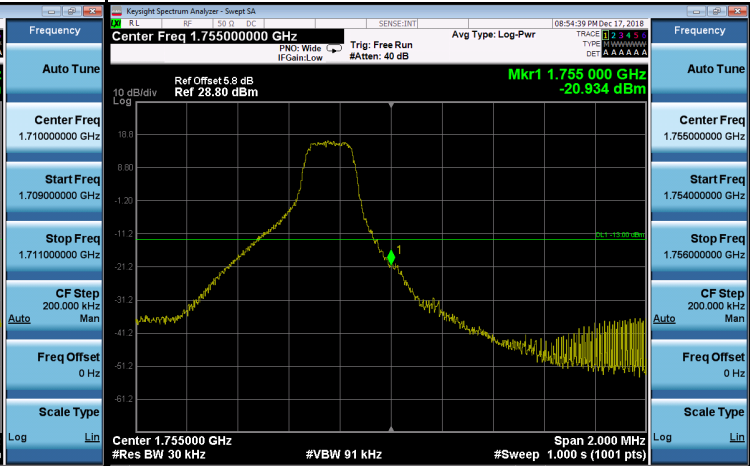
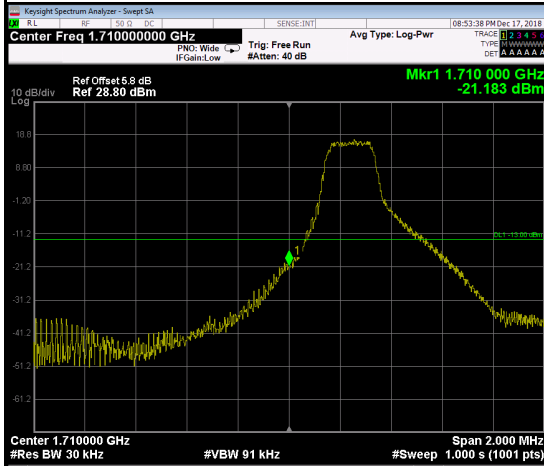
CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

Scale Type  
Log Lin

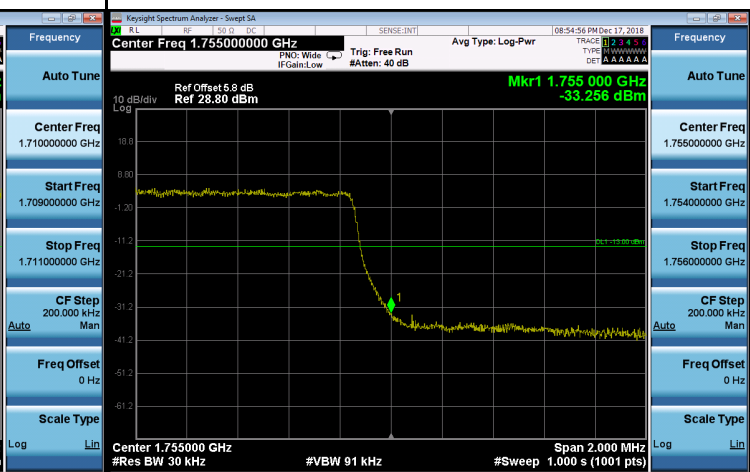
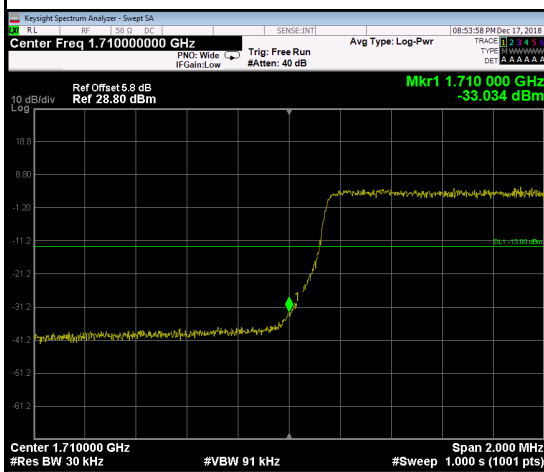
### LTE Band 4\_3M

1RB0		1RB14	
Channel	19965	Channel	20385



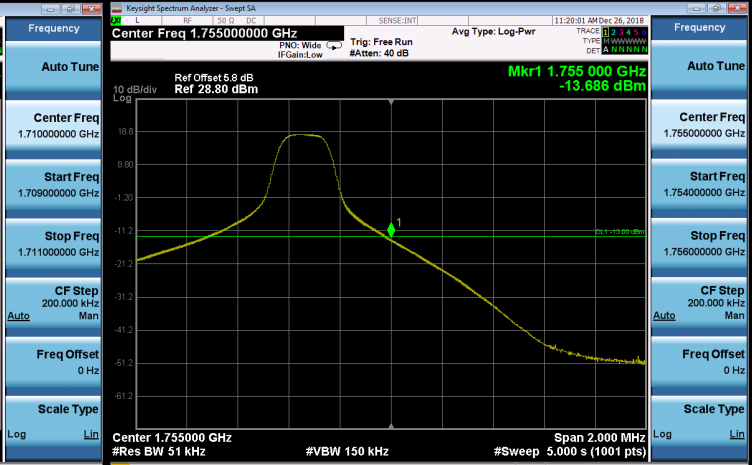
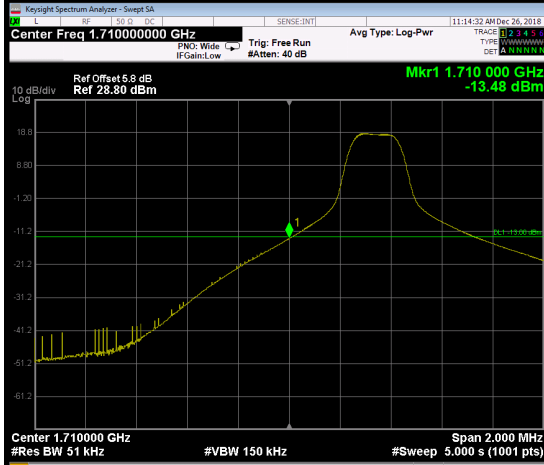
### 15RB0

Channel	19965	Channel	20385
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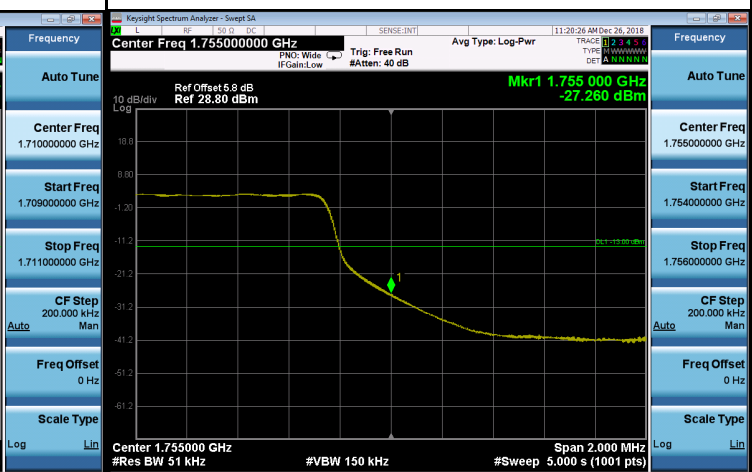
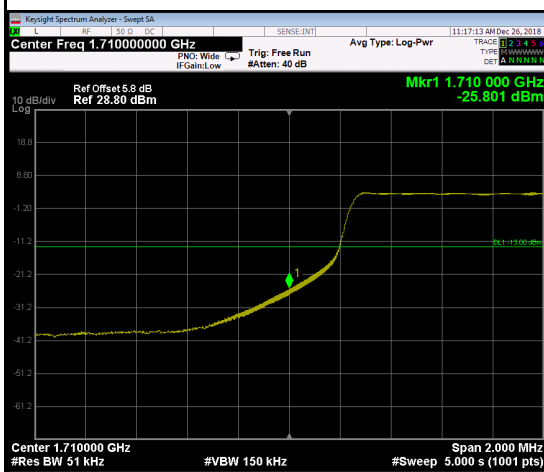
### LTE Band 4\_5M

1RB0		1RB24	
Channel	19975	Channel	20375



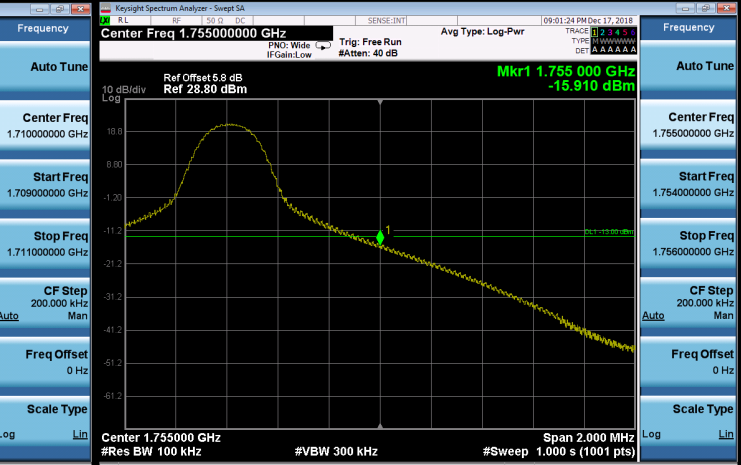
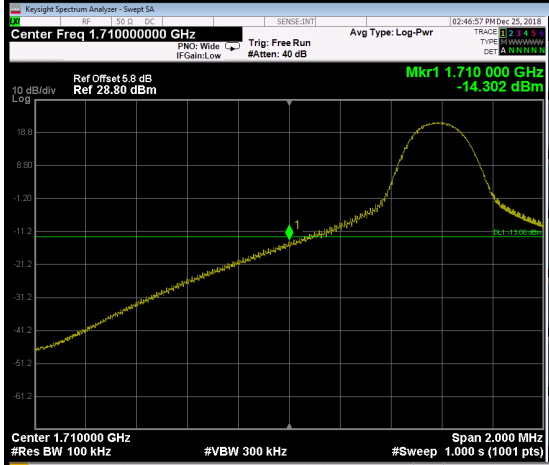
### 25RB0

Channel	19975	Channel	20375
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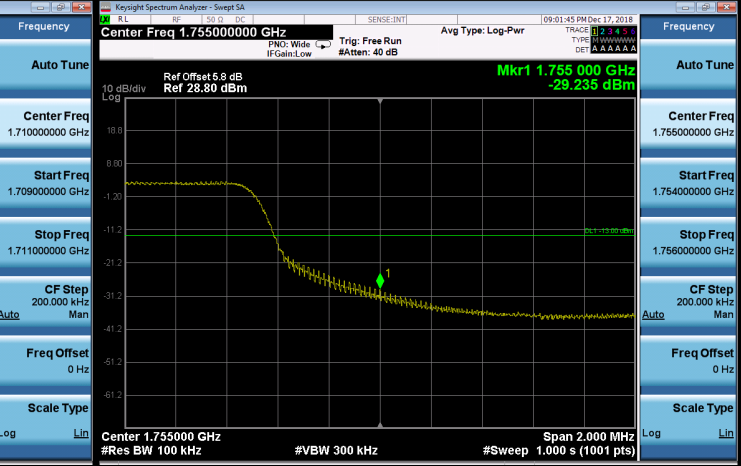
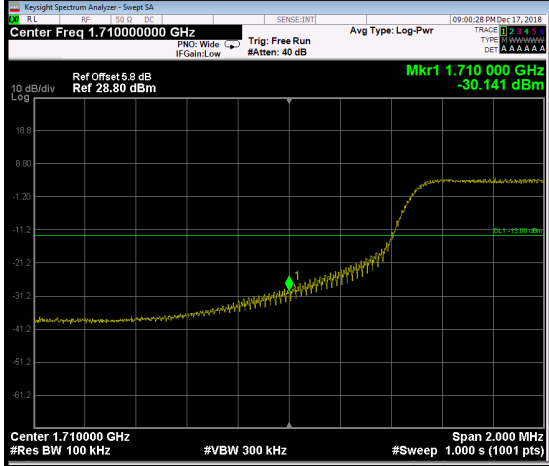
## LTE Band 4\_10M

1RB0		1RB49	
Channel	20000	Channel	20350



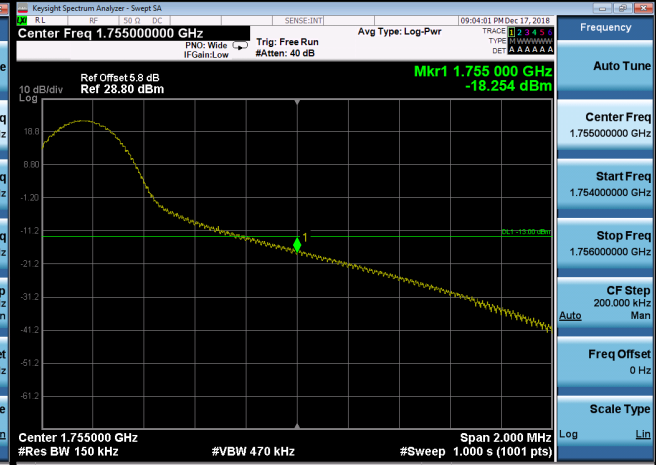
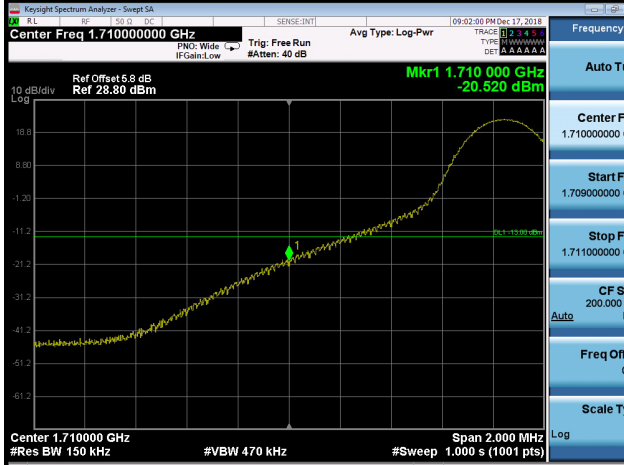
## 50RB0

20000		20350	
Channel	20000	Channel	20350



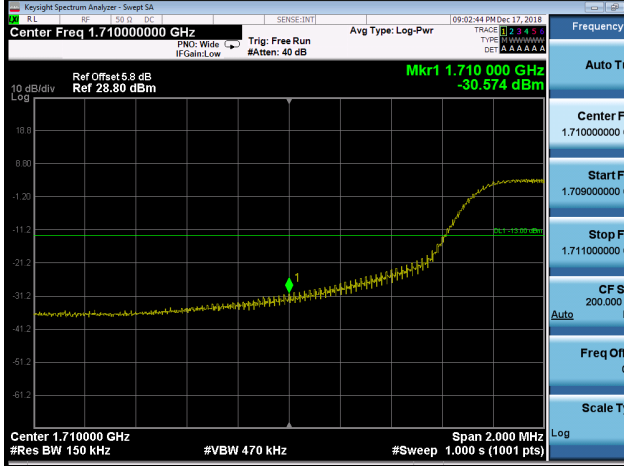
## LTE Band 4\_15M

1RB0		1RB74	
Channel	20025	Channel	20325



## 75RB0

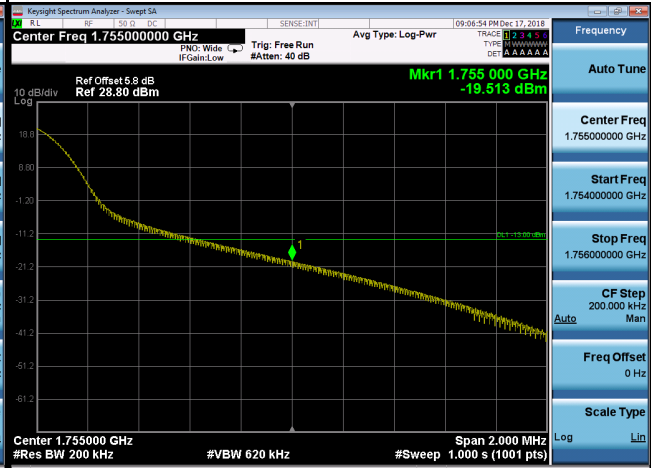
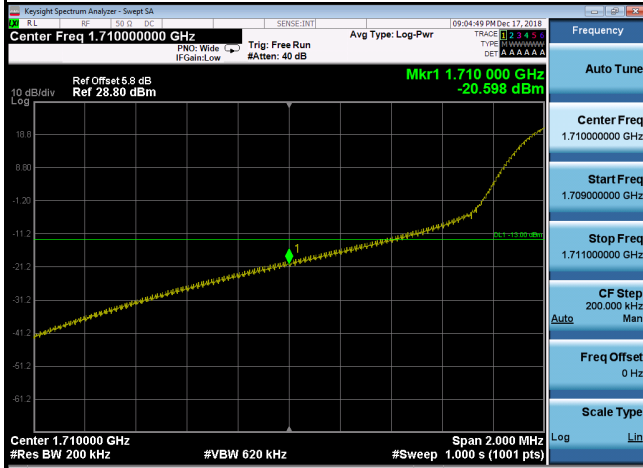
20025		20325	
Channel	20025	Channel	20325





**LTE Band 4\_20M**

1RB0		1RB99	
Channel	20050	Channel	20300



**100RB0**

Channel		20050	Channel		20300
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