

LTE Band 12_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23095	707.5	23095	707.5
<p>Date: 24.JAN.2019 13:12:13</p>		<p>Date: 24.JAN.2019 13:06:20</p>	
Channel	Frequency(MHz)	-	-
23095	707.5	-	-
<p>Date: 27.JAN.2019 13:49:08</p>		-	

LTE Band 12_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23095	707.5	23095	707.5
<p>Date: 24.JAN.2019 13:13:38</p>		<p>Date: 24.JAN.2019 13:07:53</p>	
Channel	Frequency(MHz)	-	-
23095	707.5	-	-
<p>Date: 27.JAN.2019 13:50:03</p>		-	

LTE Band 12_10M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23095	707.5	23095	707.5
<p>Date: 24.JAN.2019 13:14:10</p>		<p>Date: 24.JAN.2019 13:08:46</p>	
Channel	Frequency(MHz)	-	-
23095	707.5	-	-
<p>Date: 27.JAN.2019 13:50:44</p>		-	

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

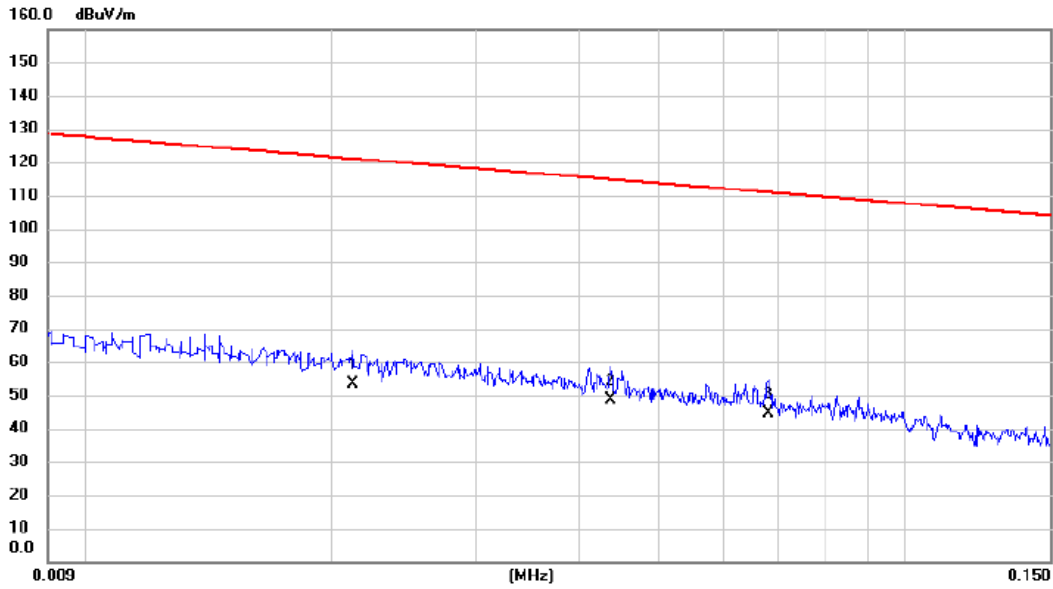
LTE Band 66_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
132322	1745.0	132322	1745.0
Channel	Frequency(MHz)	-	-
132322	1745.0	-	-
		-	

LTE Band 66_20M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
132322	1745.0	132322	1745.0
Channel	Frequency(MHz)	-	-
132322	1745.0	-	-
		-	

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

Test Mode: TX Mode\_Adapter AMS135-1201000FU

Ant 0°

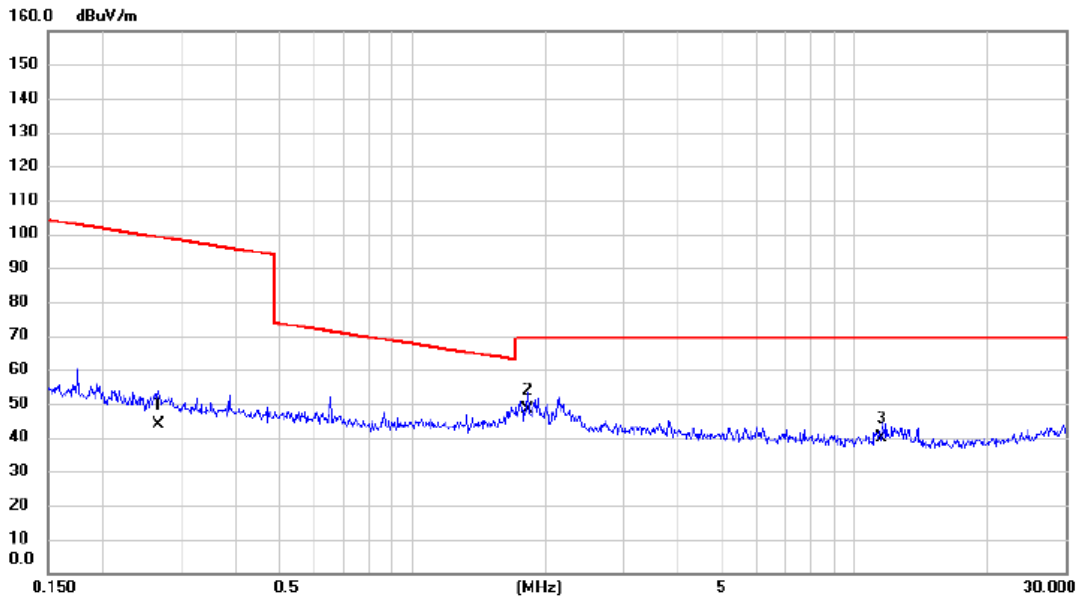


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.0212	33.50	20.00	53.50	121.08	-67.58	AVG	
2	*	0.0437	29.10	19.64	48.74	114.80	-66.06	AVG	
3		0.0680	25.40	19.17	44.57	110.95	-66.38	AVG	



Test Mode: TX Mode\_Adapter AMS135-1201000FU

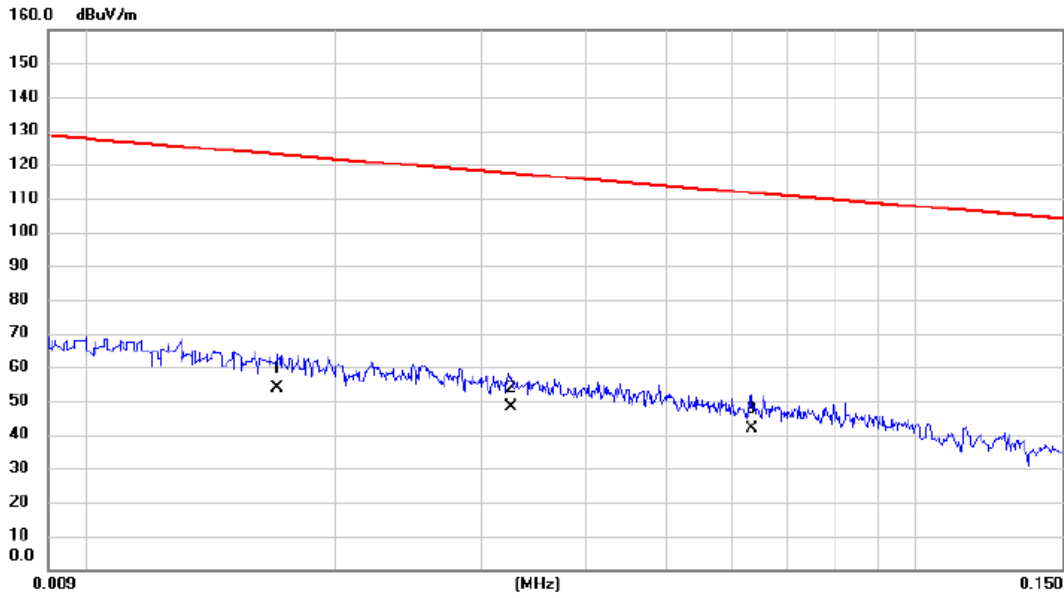
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2672	26.80	17.05	43.85	99.07	-55.22	AVG	
2	*	1.8288	31.30	17.02	48.32	69.54	-21.22	QP	
3		11.5594	25.40	14.46	39.86	69.54	-29.68	QP	

Test Mode: TX Mode\_Adapter AMS135-1201000FU

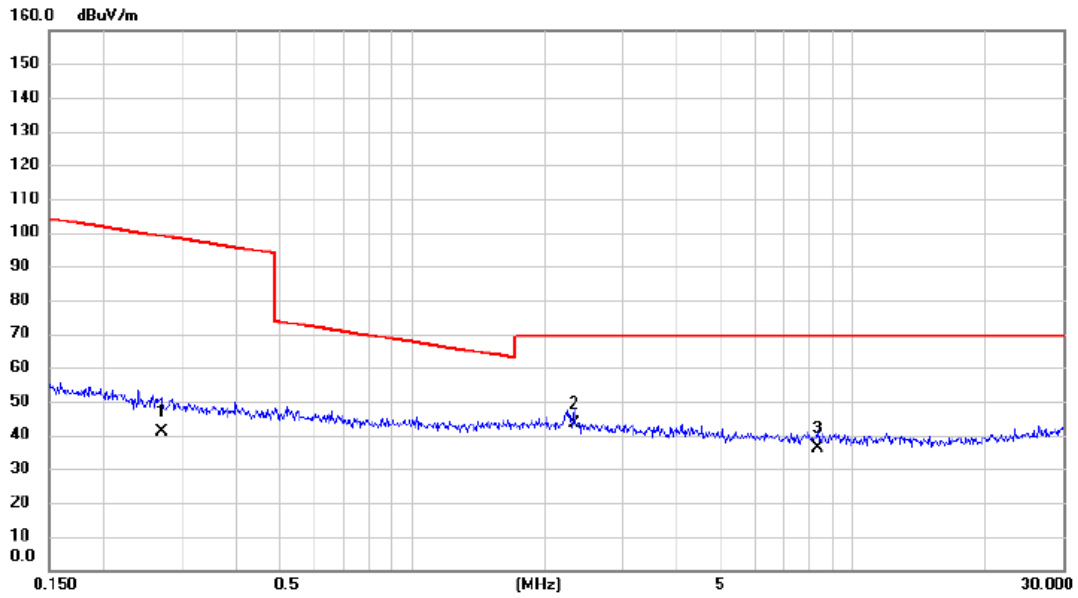
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0170	33.20	20.44	53.64	123.00	-69.36	AVG	
2	*	0.0325	28.50	19.82	48.32	117.37	-69.05	AVG	
3		0.0634	22.50	19.26	41.76	111.56	-69.80	AVG	

Test Mode: TX Mode\_Adapter AMS135-1201000FU

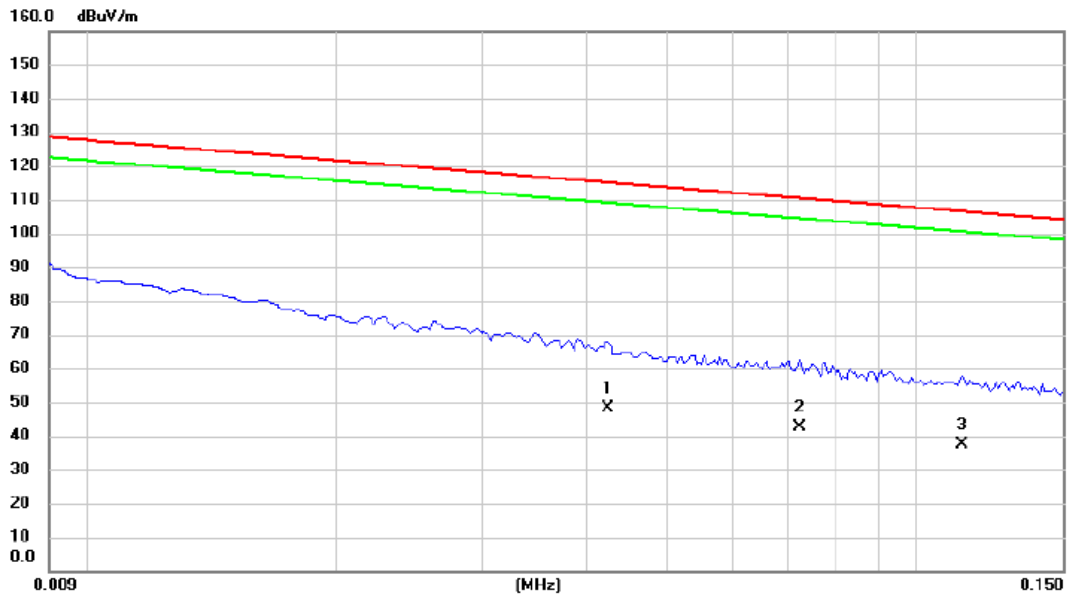
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2701	23.80	17.05	40.85	98.97	-58.12	AVG	
2	*	2.3336	26.50	16.92	43.42	69.54	-26.12	QP	
3		8.3228	21.70	14.61	36.31	69.54	-33.23	QP	

Test Mode: TX Mode\_Adapter AD120A120100UV

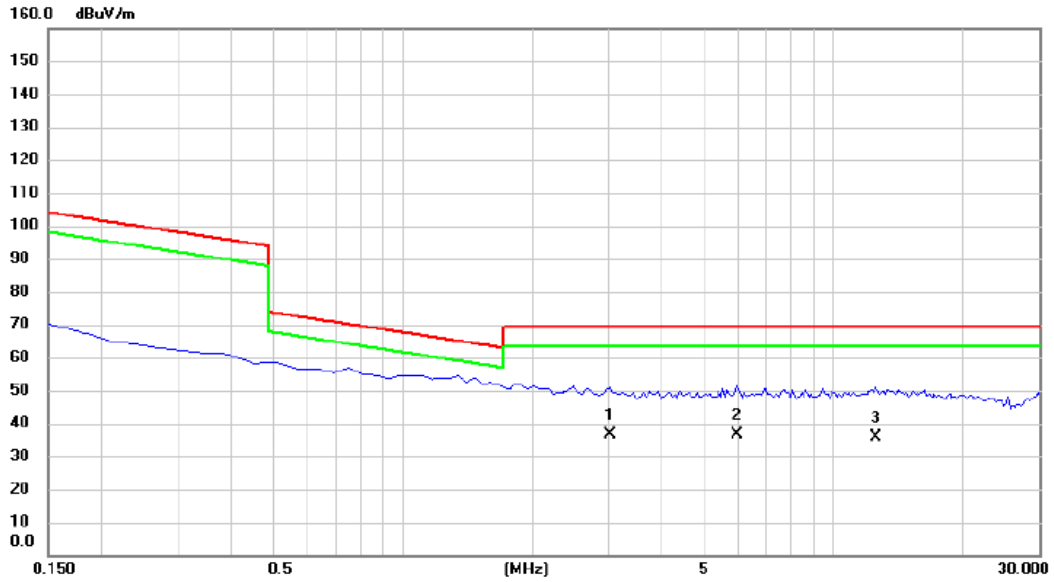
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	0.0425	-17.91	66.08	48.17	115.04	-66.87	AVG	
2		0.0723	-18.42	61.02	42.60	110.42	-67.82	AVG	
3		0.1135	-19.97	57.20	37.23	106.51	-69.28	AVG	

Test Mode: TX Mode\_Adapter AD120A120100UV

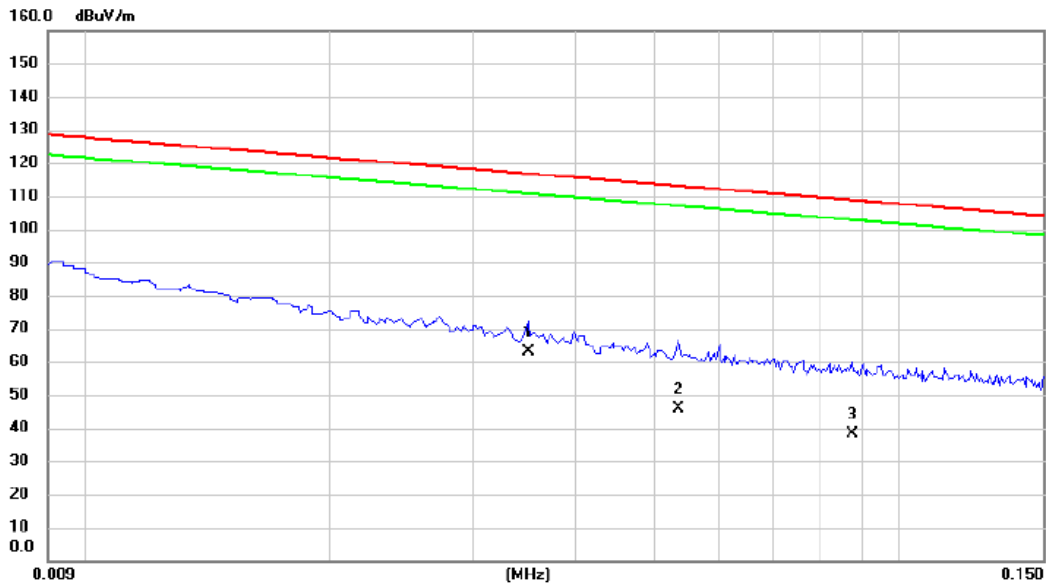
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		3.0213	-1.45	38.00	36.55	69.54	-32.99	QP	
2	*	5.9525	-1.08	37.80	36.72	69.54	-32.82	QP	
3		12.5327	-1.96	37.92	35.96	69.54	-33.58	QP	

Test Mode: TX Mode\_Adapter AD120A120100UV

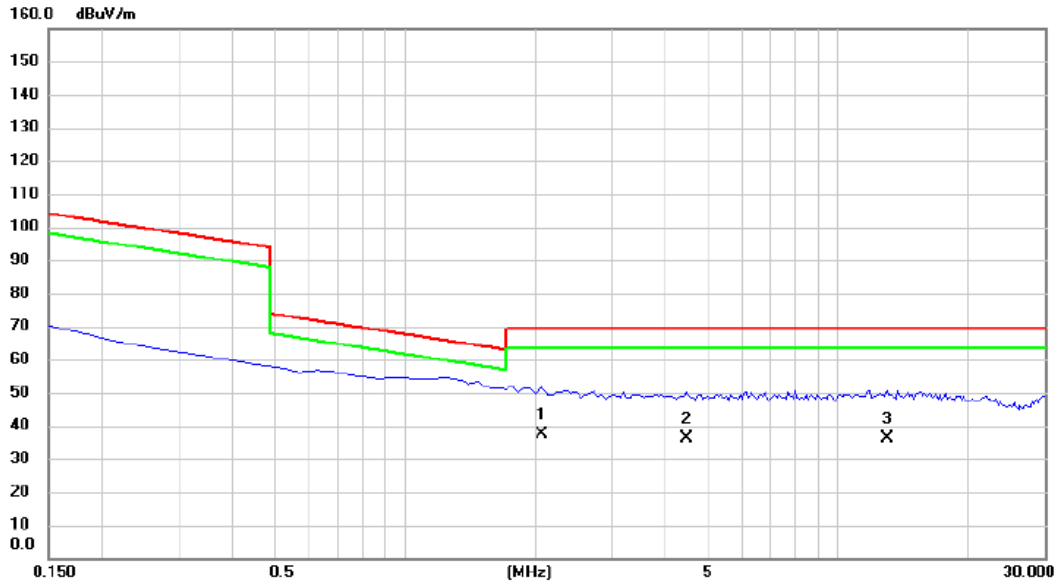
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	0.0350	-5.19	68.20	63.01	116.72	-53.71	AVG	
2		0.0536	-18.05	63.70	45.65	113.02	-67.37	AVG	
3		0.0875	-21.17	59.43	38.26	108.76	-70.50	AVG	

Test Mode: TX Mode\_Adapter AD120A120100UV

Ant 90°



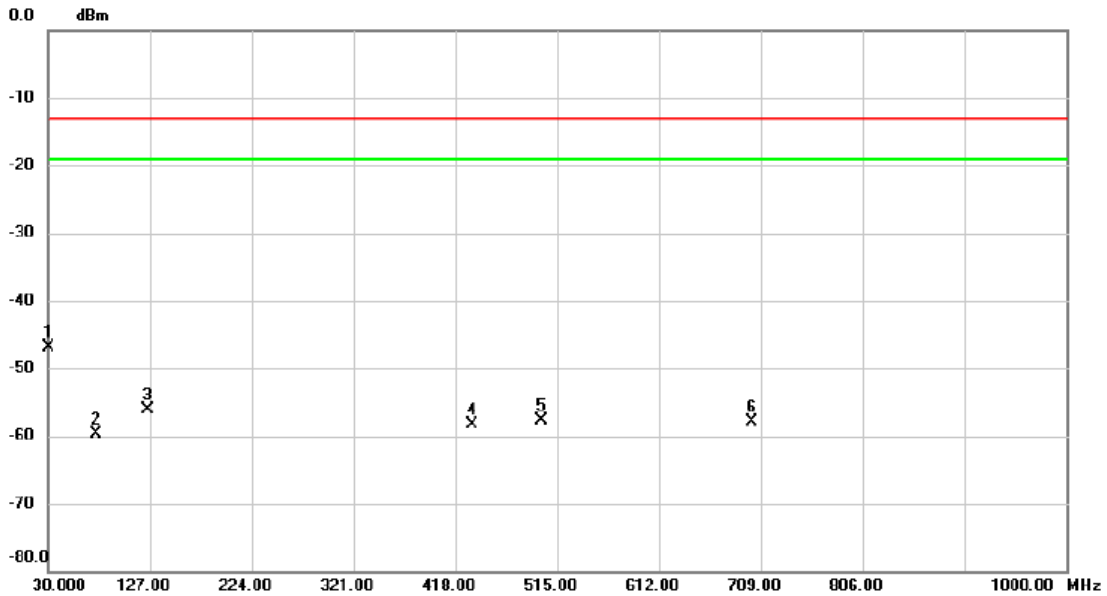
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	2.0641	-1.48	38.75	37.27	69.54	-32.27	QP	
2		4.4570	-1.43	37.81	36.38	69.54	-33.16	QP	
3		12.9514	-1.96	37.97	36.01	69.54	-33.53	QP	

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



Test Mode: LTE Band 4\_TX CH20175\_1.4M\_Adapter AMS135-1201000FU

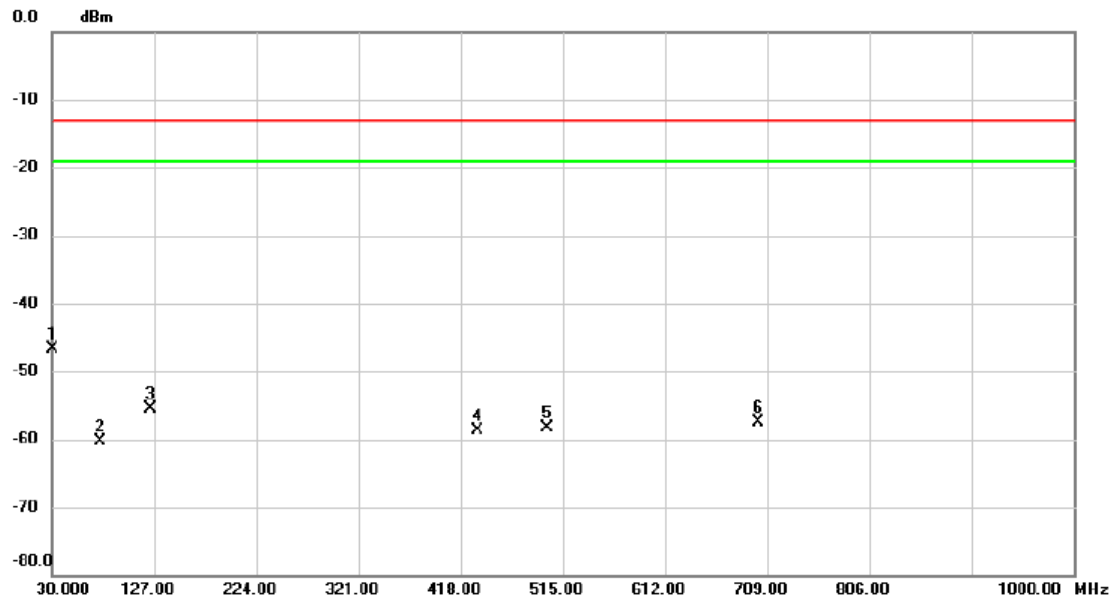
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.0000	-38.77	-8.08	-46.85	-13.00	-33.85	peak	
2		75.5900	-48.77	-10.91	-59.68	-13.00	-46.68	peak	
3		125.0600	-48.17	-7.84	-56.01	-13.00	-43.01	peak	
4		433.5200	-54.93	-3.33	-58.26	-13.00	-45.26	peak	
5		500.4500	-55.64	-2.12	-57.76	-13.00	-44.76	peak	
6		700.2700	-58.31	0.36	-57.95	-13.00	-44.95	peak	

Test Mode: LTE Band 4\_TX CH20175\_1.4M\_Adapter AMS135-1201000FU

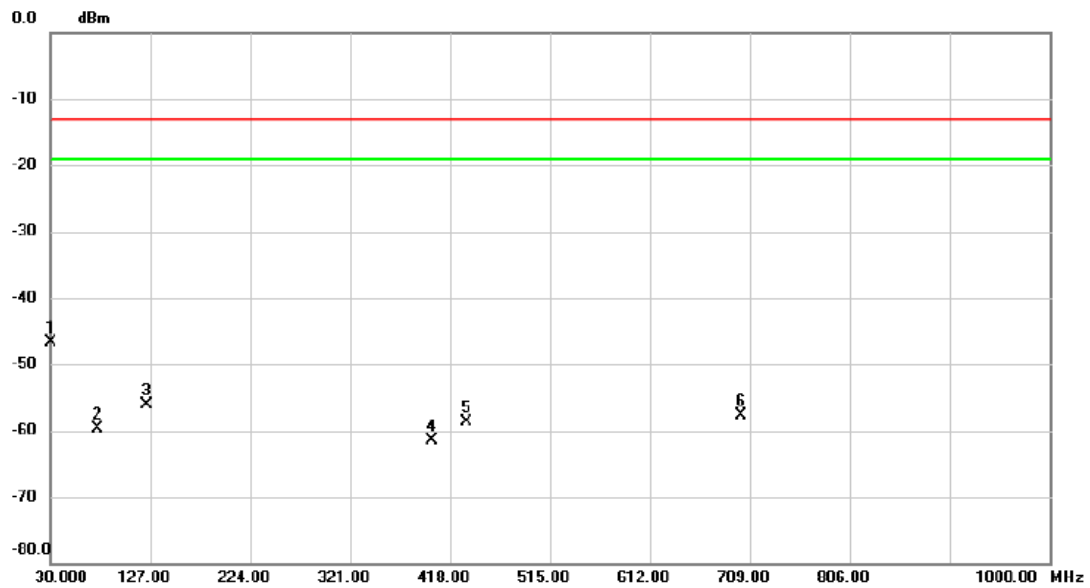
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.0000	-38.58	-8.08	-46.66	-13.00	-33.66	peak	
2		75.5900	-49.31	-10.91	-60.22	-13.00	-47.22	peak	
3		123.1200	-47.65	-7.94	-55.59	-13.00	-42.59	peak	
4		433.5200	-55.31	-3.33	-58.64	-13.00	-45.64	peak	
5		500.4500	-56.14	-2.12	-58.26	-13.00	-45.26	peak	
6		700.2700	-57.91	0.36	-57.55	-13.00	-44.55	peak	

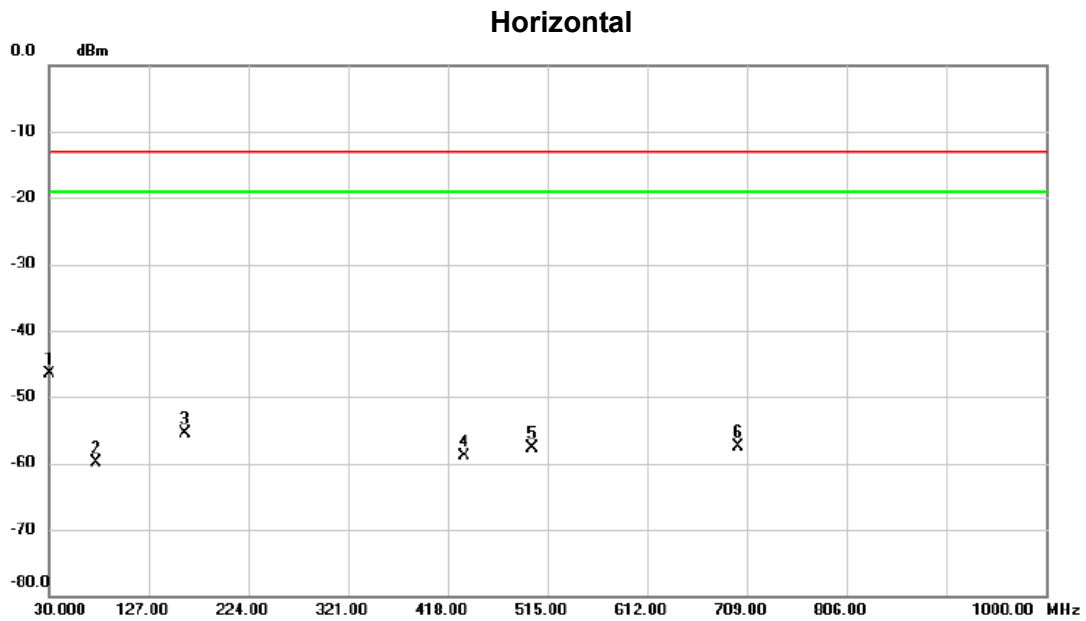
Test Mode: LTE Band 4\_TX CH20175\_5M\_Adapter AMS135-1201000FU

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.0000	-38.59	-8.08	-46.67	-13.00	-33.67	peak	
2		75.5900	-48.72	-10.91	-59.63	-13.00	-46.63	peak	
3		124.0900	-48.12	-7.88	-56.00	-13.00	-43.00	peak	
4		400.5400	-56.96	-4.55	-61.51	-13.00	-48.51	peak	
5		433.5200	-55.40	-3.33	-58.73	-13.00	-45.73	peak	
6		700.2700	-58.07	0.36	-57.71	-13.00	-44.71	peak	

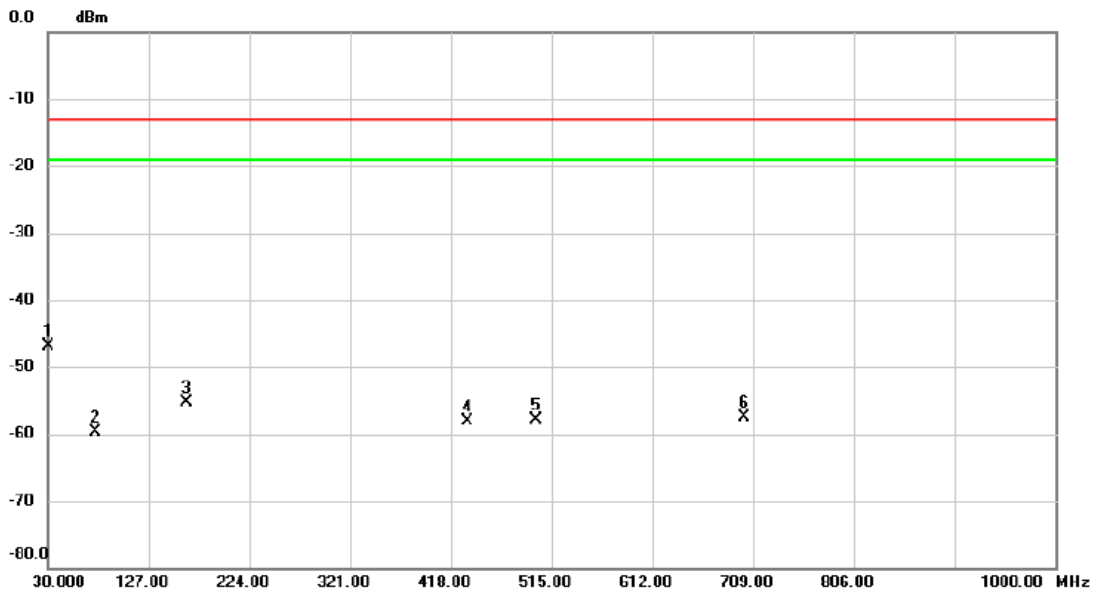
Test Mode: LTE Band 4\_TX CH20175\_5M\_Adapter AMS135-1201000FU



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.0000	-38.37	-8.08	-46.45	-13.00	-33.45	peak	
2		75.5900	-49.07	-10.91	-59.98	-13.00	-46.98	peak	
3		162.8900	-49.08	-6.39	-55.47	-13.00	-42.47	peak	
4		433.5200	-55.55	-3.33	-58.88	-13.00	-45.88	peak	
5		500.4500	-55.59	-2.12	-57.71	-13.00	-44.71	peak	
6		700.2700	-57.76	0.36	-57.40	-13.00	-44.40	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M\_Adapter AMS135-1201000FU

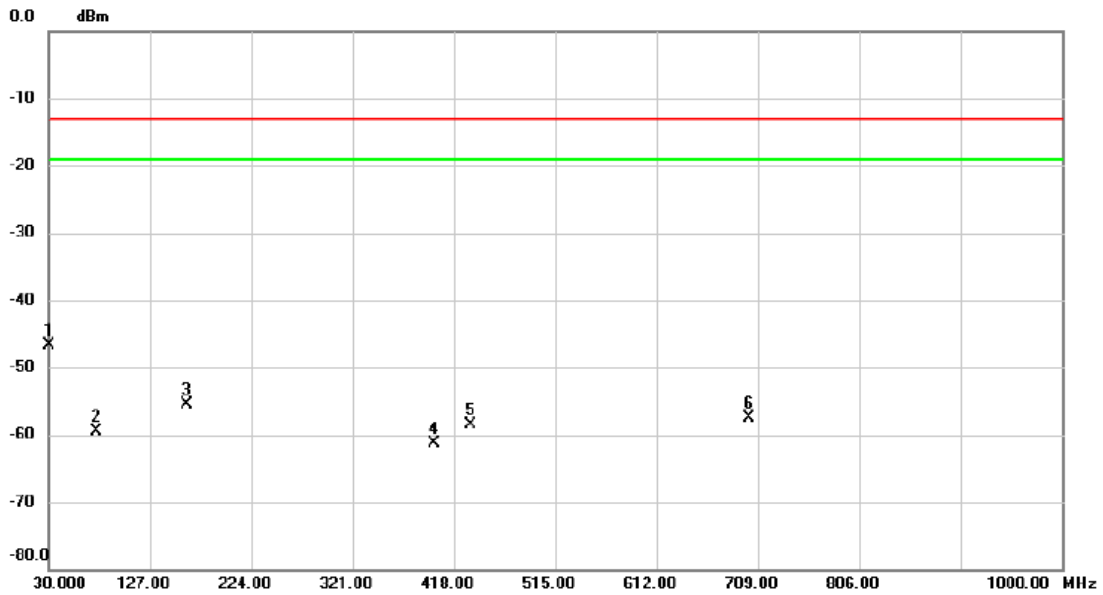
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.0000	-38.72	-8.08	-46.80	-13.00	-33.80	peak	
2		75.5900	-48.69	-10.91	-59.60	-13.00	-46.60	peak	
3		163.8600	-48.77	-6.44	-55.21	-13.00	-42.21	peak	
4		433.5200	-54.76	-3.33	-58.09	-13.00	-45.09	peak	
5		500.4500	-55.72	-2.12	-57.84	-13.00	-44.84	peak	
6		700.2700	-57.85	0.36	-57.49	-13.00	-44.49	peak	

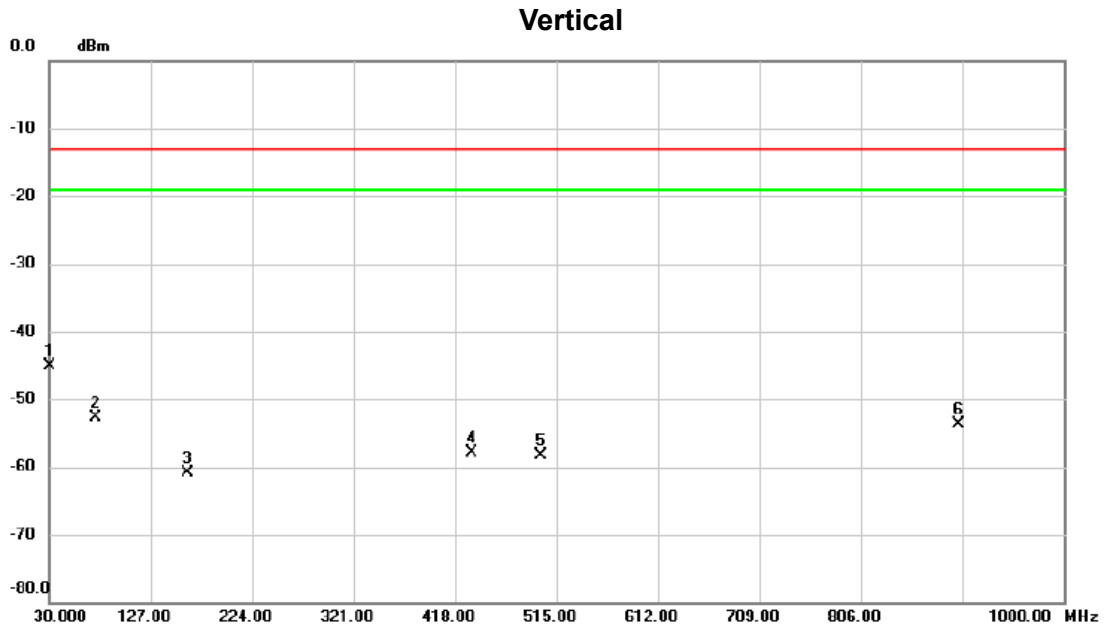
Test Mode: LTE Band 4\_TX CH20175\_20M\_Adapter AMS135-1201000FU

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.0000	-38.69	-8.08	-46.77	-13.00	-33.77	peak	
2		75.5900	-48.64	-10.91	-59.55	-13.00	-46.55	peak	
3		161.9200	-49.26	-6.33	-55.59	-13.00	-42.59	peak	
4		399.5700	-56.75	-4.57	-61.32	-13.00	-48.32	peak	
5		433.5200	-55.21	-3.33	-58.54	-13.00	-45.54	peak	
6		700.2700	-57.91	0.36	-57.55	-13.00	-44.55	peak	

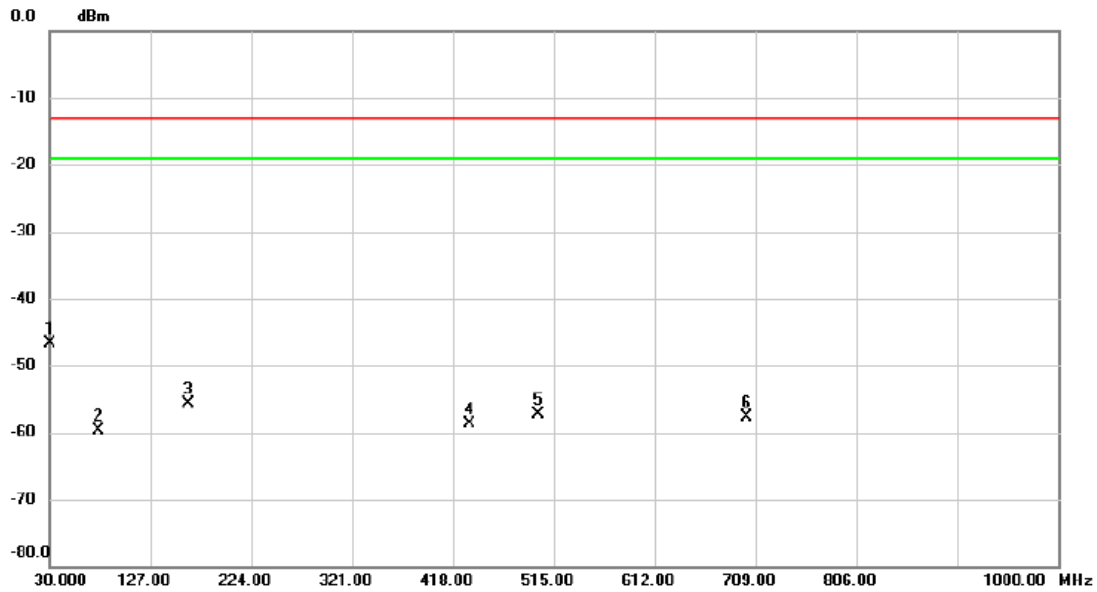
Test Mode: LTE Band 12\_TX CH23095\_1.4M\_Adapter AMS135-1201000FU



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.0000	-37.08	-8.08	-45.16	-13.00	-32.16	peak	
2		74.6200	-41.85	-10.79	-52.64	-13.00	-39.64	peak	
3		162.8900	-54.47	-6.39	-60.86	-13.00	-47.86	peak	
4		433.5200	-54.65	-3.33	-57.98	-13.00	-44.98	peak	
5		499.4800	-56.19	-2.14	-58.33	-13.00	-45.33	peak	
6		900.0900	-57.16	3.41	-53.75	-13.00	-40.75	peak	

Test Mode: LTE Band 12\_TX CH23095\_1.4M\_Adapter AMS135-1201000FU

### Horizontal

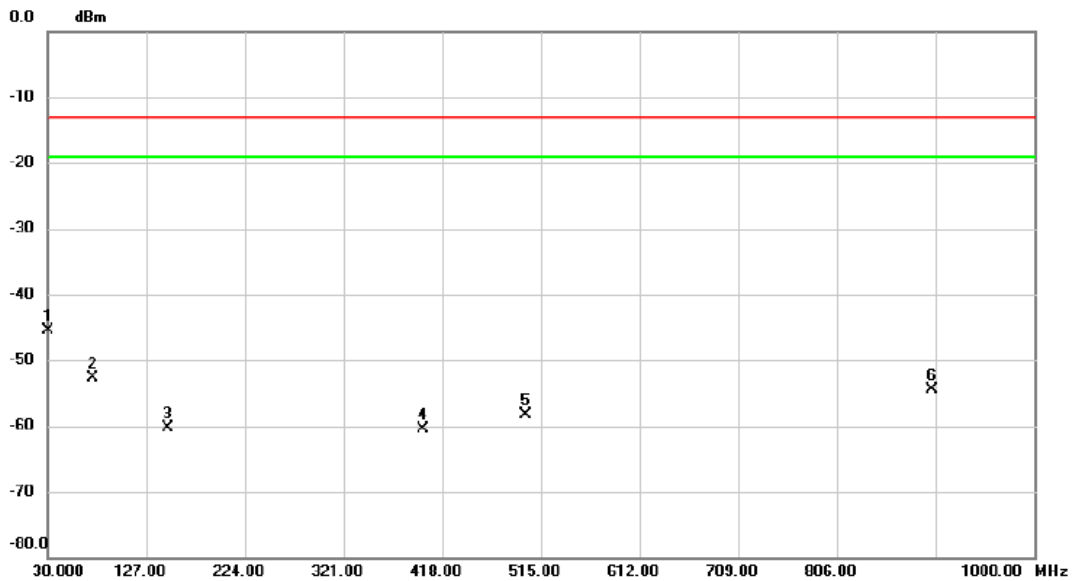


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.9700	-38.74	-8.02	-46.76	-13.00	-33.76	peak	
2		76.5600	-48.60	-11.02	-59.62	-13.00	-46.62	peak	
3		163.8600	-49.21	-6.44	-55.65	-13.00	-42.65	peak	
4		433.5200	-55.38	-3.33	-58.71	-13.00	-45.71	peak	
5		499.4800	-55.24	-2.14	-57.38	-13.00	-44.38	peak	
6		700.2700	-57.99	0.36	-57.63	-13.00	-44.63	peak	



Test Mode: LTE Band 12\_TX CH23095\_5M\_Adapter AMS135-1201000FU

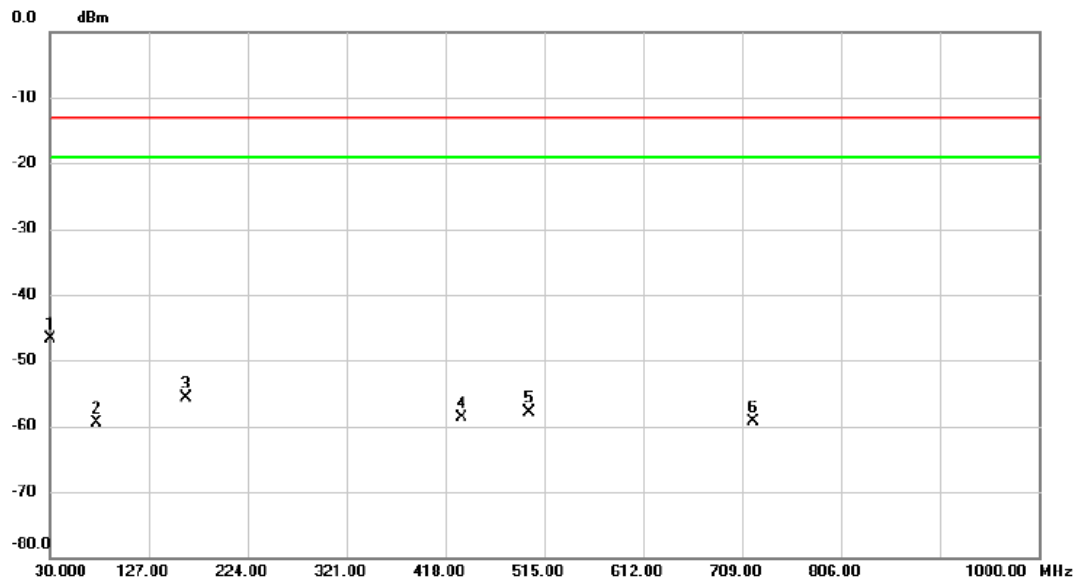
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.9700	-37.38	-8.02	-45.40	-13.00	-32.40	peak	
2		74.6200	-41.82	-10.79	-52.61	-13.00	-39.61	peak	
3		148.3400	-54.19	-6.09	-60.28	-13.00	-47.28	peak	
4		399.5700	-55.85	-4.57	-60.42	-13.00	-47.42	peak	
5		500.4500	-56.25	-2.12	-58.37	-13.00	-45.37	peak	
6		900.0900	-57.82	3.41	-54.41	-13.00	-41.41	peak	

Test Mode: LTE Band 12\_TX CH23095\_5M\_Adapter AMS135-1201000FU

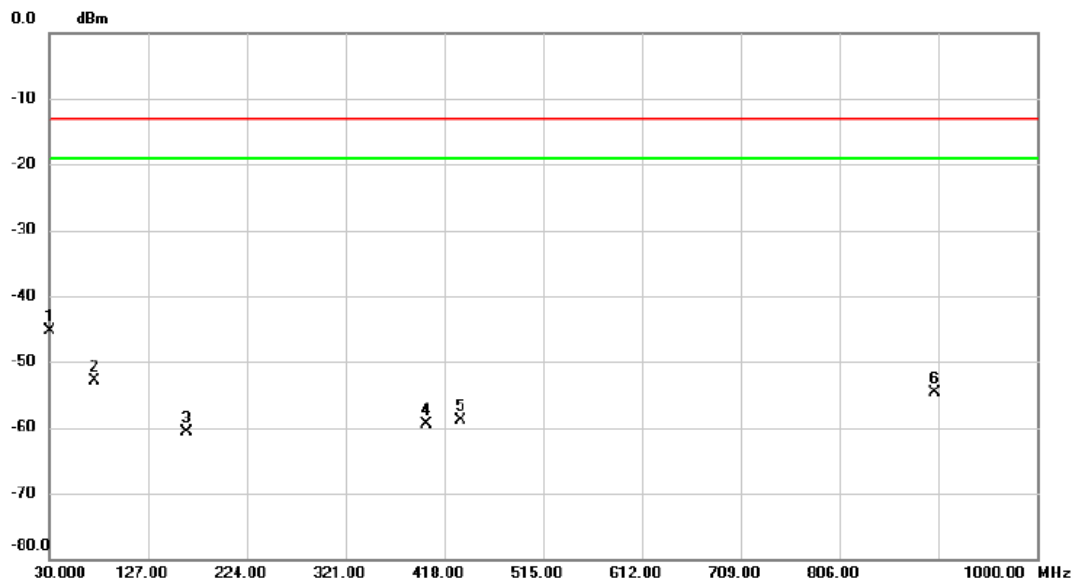
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.0000	-38.55	-8.08	-46.63	-13.00	-33.63	peak	
2		75.5900	-48.59	-10.91	-59.50	-13.00	-46.50	peak	
3		163.8600	-49.23	-6.44	-55.67	-13.00	-42.67	peak	
4		433.5200	-55.34	-3.33	-58.67	-13.00	-45.67	peak	
5		500.4500	-55.76	-2.12	-57.88	-13.00	-44.88	peak	
6		719.6700	-60.20	0.85	-59.35	-13.00	-46.35	peak	

Test Mode: LTE Band 12\_TX CH23095\_10M\_Adapter AMS135-1201000FU

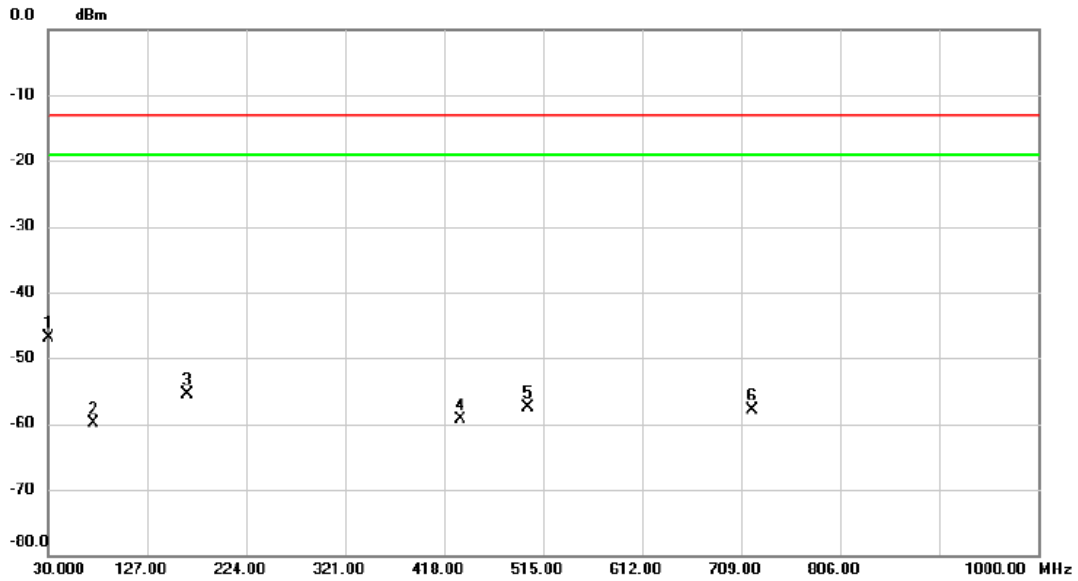
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.0000	-37.17	-8.08	-45.25	-13.00	-32.25	peak	
2		74.6200	-42.12	-10.79	-52.91	-13.00	-39.91	peak	
3		164.8300	-54.26	-6.49	-60.75	-13.00	-47.75	peak	
4		400.5400	-54.90	-4.55	-59.45	-13.00	-46.45	peak	
5		433.5200	-55.53	-3.33	-58.86	-13.00	-45.86	peak	
6		900.0900	-58.08	3.41	-54.67	-13.00	-41.67	peak	

Test Mode: LTE Band 12\_TX CH23095\_10M\_Adapter AMS135-1201000FU

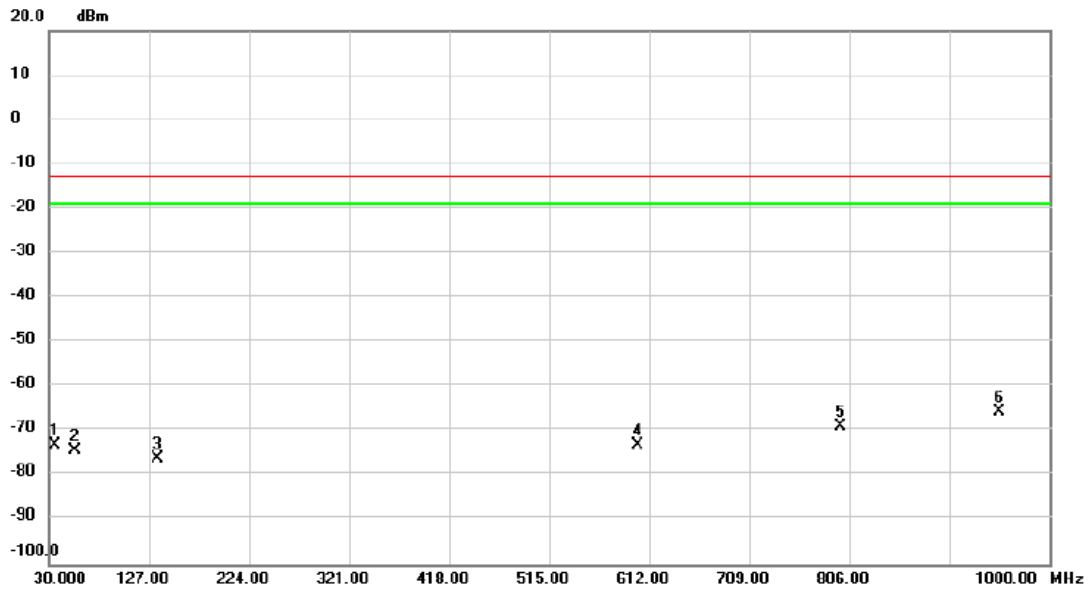
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	30.0000	-38.86	-8.08	-46.94	-13.00	-33.94	peak	
2		74.6200	-49.12	-10.79	-59.91	-13.00	-46.91	peak	
3		166.7700	-48.82	-6.61	-55.43	-13.00	-42.43	peak	
4		433.5200	-55.99	-3.33	-59.32	-13.00	-46.32	peak	
5		500.4500	-55.43	-2.12	-57.55	-13.00	-44.55	peak	
6		719.6700	-58.79	0.85	-57.94	-13.00	-44.94	peak	

Test Mode: LTE Band 66\_TX CH132322\_1.4M\_Adapter AMS135-1201000FU

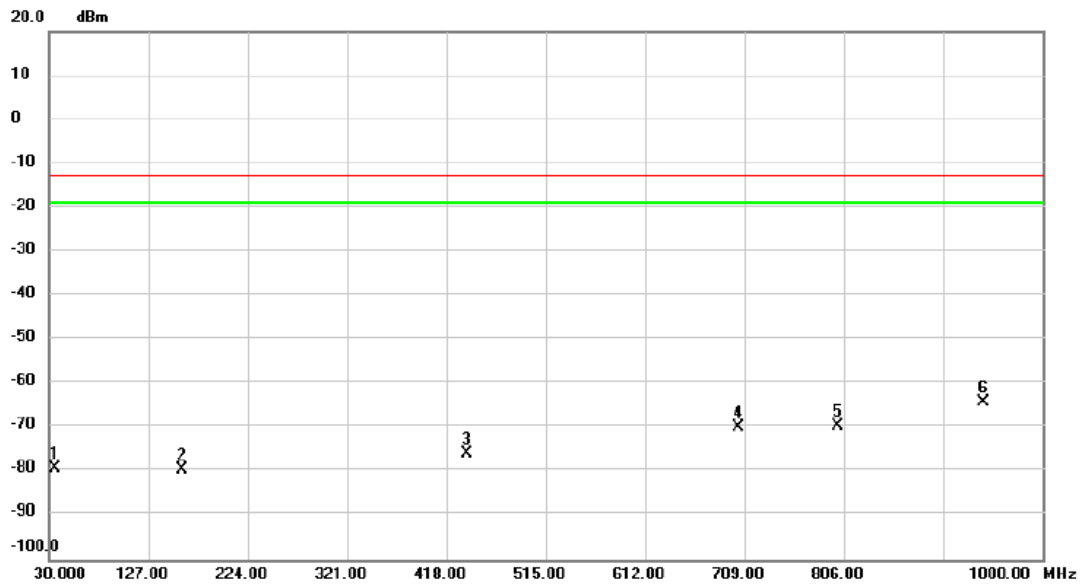
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.8200	-58.22	-14.97	-73.19	-13.00	-60.19	peak	
2		55.2200	-59.26	-15.00	-74.26	-13.00	-61.26	peak	
3		134.7600	-63.45	-12.78	-76.23	-13.00	-63.23	peak	
4		600.3600	-66.75	-6.29	-73.04	-13.00	-60.04	peak	
5		797.2700	-67.63	-1.20	-68.83	-13.00	-55.83	peak	
6	*	951.5000	-66.89	1.37	-65.52	-13.00	-52.52	peak	

Test Mode: LTE Band 66\_TX CH132322\_1.4M\_Adapter AMS135-1201000FU

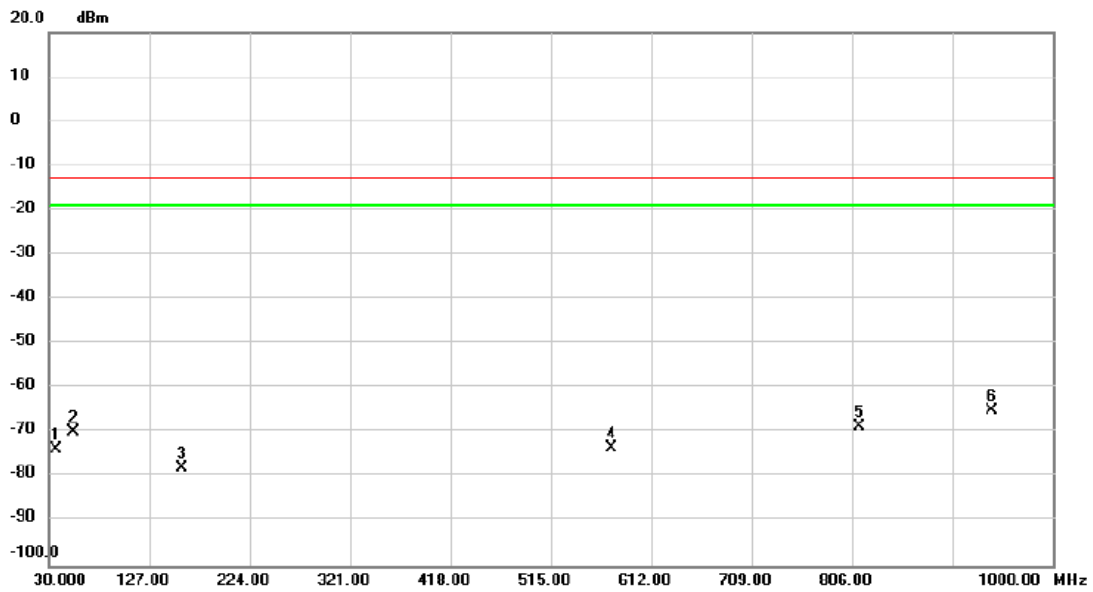
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.8200	-64.33	-14.97	-79.30	-13.00	-66.30	peak	
2		159.9800	-68.94	-10.60	-79.54	-13.00	-66.54	peak	
3		437.4000	-68.00	-7.90	-75.90	-13.00	-62.90	peak	
4		703.1800	-66.98	-2.83	-69.81	-13.00	-56.81	peak	
5		800.1800	-68.37	-1.04	-69.41	-13.00	-56.41	peak	
6	*	941.8000	-65.35	1.07	-64.28	-13.00	-51.28	peak	

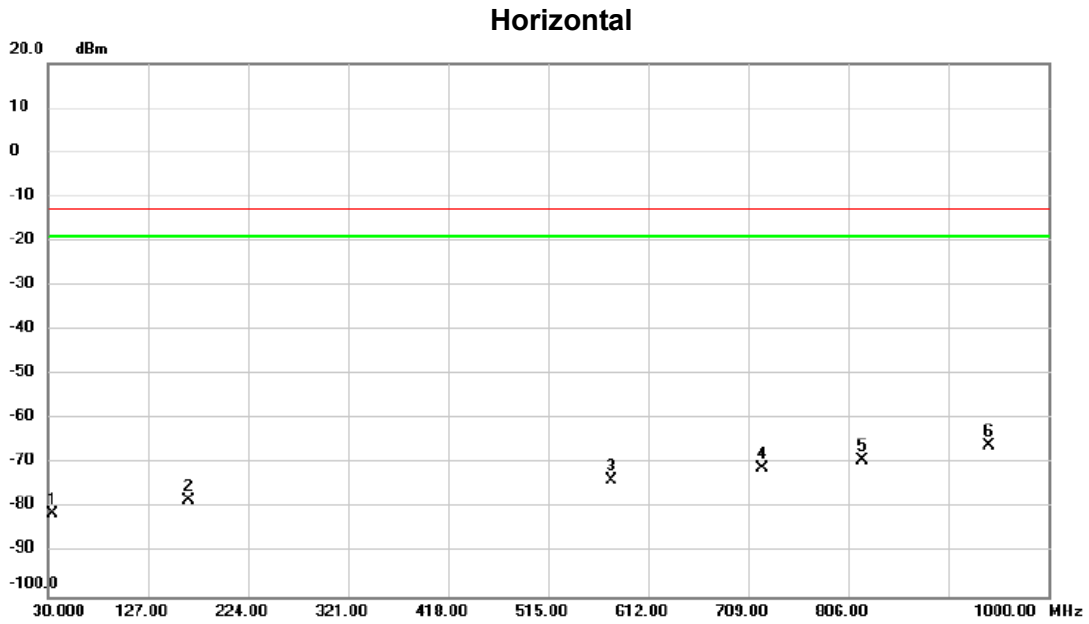
Test Mode: LTE Band 66\_TX CH132322\_5M\_Adapter AMS135-1201000FU

**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		36.7900	-58.90	-14.86	-73.76	-13.00	-60.76	peak	
2		54.2500	-54.85	-14.96	-69.81	-13.00	-56.81	peak	
3		158.0400	-67.12	-10.78	-77.90	-13.00	-64.90	peak	
4		573.2000	-67.61	-5.85	-73.46	-13.00	-60.46	peak	
5		812.7900	-67.56	-1.24	-68.80	-13.00	-55.80	peak	
6	*	940.8300	-66.05	1.04	-65.01	-13.00	-52.01	peak	

Test Mode: LTE Band 66\_TX CH132322\_5M\_Adapter AMS135-1201000FU

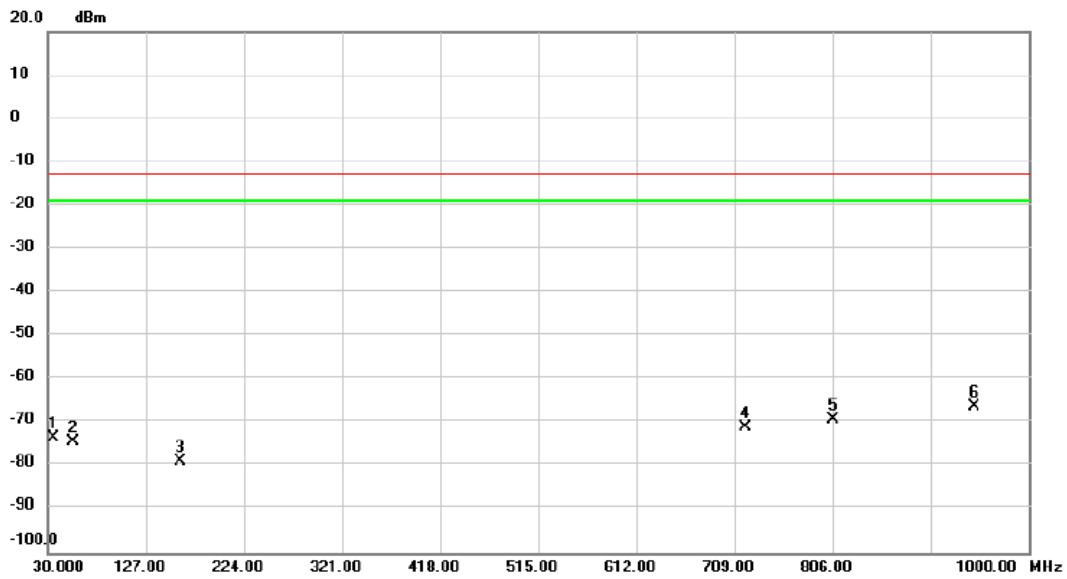


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	34.8500	-66.44	-14.88	-81.32	-13.00	-68.32	peak	
2	165.8000	-67.25	-10.95	-78.20	-13.00	-65.20	peak	
3	576.1100	-67.77	-5.90	-73.67	-13.00	-60.67	peak	
4	722.5800	-67.73	-3.34	-71.07	-13.00	-58.07	peak	
5	819.5800	-68.01	-1.34	-69.35	-13.00	-56.35	peak	
6 *	941.8000	-66.99	1.07	-65.92	-13.00	-52.92	peak	



Test Mode: LTE Band 66\_TX CH132322\_20M\_Adapter AMS135-1201000FU

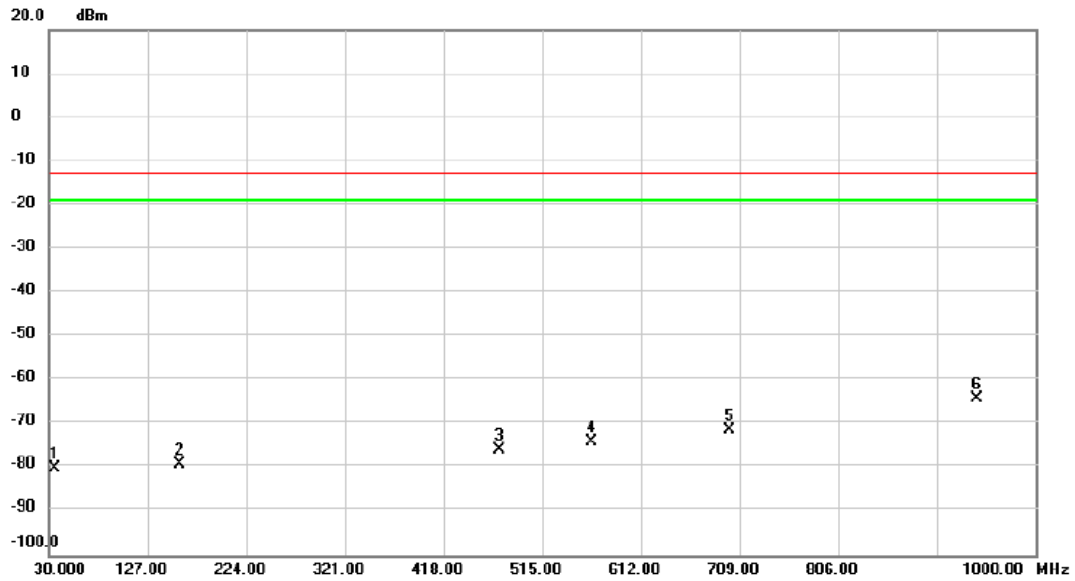
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.8200	-58.36	-14.97	-73.33	-13.00	-60.33	peak	
2		55.2200	-59.45	-15.00	-74.45	-13.00	-61.45	peak	
3		160.9500	-68.12	-10.66	-78.78	-13.00	-65.78	peak	
4		719.6700	-67.80	-3.26	-71.06	-13.00	-58.06	peak	
5		806.9700	-68.24	-1.14	-69.38	-13.00	-56.38	peak	
6	*	945.6800	-67.44	1.23	-66.21	-13.00	-53.21	peak	

Test Mode: LTE Band 66\_TX CH132322\_20M\_Adapter AMS135-1201000FU

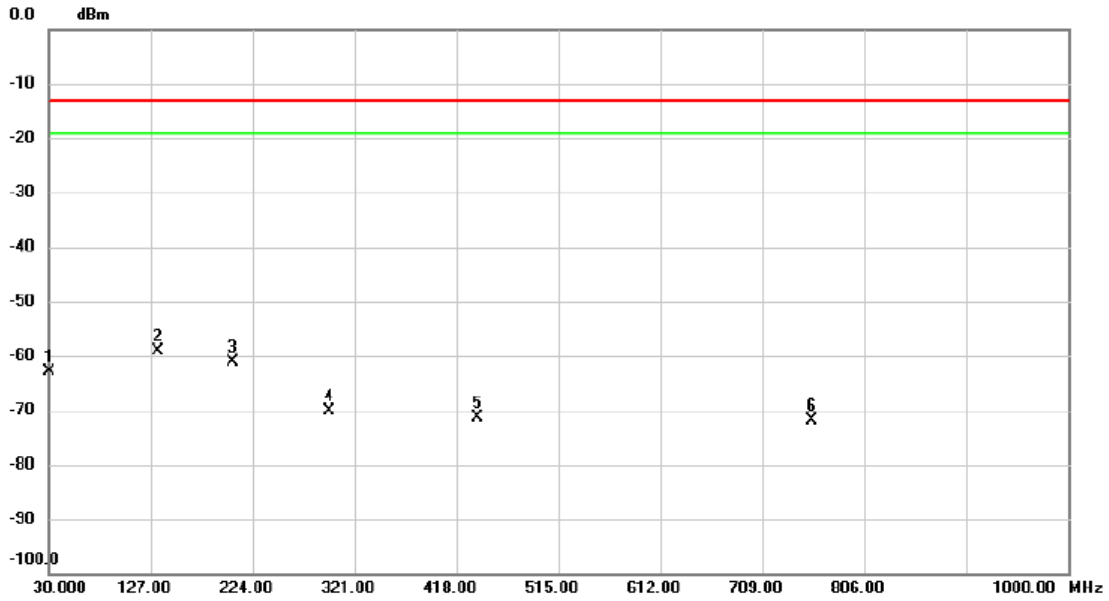
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.8200	-65.06	-14.97	-80.03	-13.00	-67.03	peak	
2		159.0100	-68.41	-10.68	-79.09	-13.00	-66.09	peak	
3		473.2900	-67.96	-7.92	-75.88	-13.00	-62.88	peak	
4		563.5000	-68.40	-5.69	-74.09	-13.00	-61.09	peak	
5		699.3000	-68.67	-2.78	-71.45	-13.00	-58.45	peak	
6	*	941.8000	-65.11	1.07	-64.04	-13.00	-51.04	peak	

Test Mode: LTE Band 4\_TX CH20175\_1.4M\_Adapter AD120A120100UV

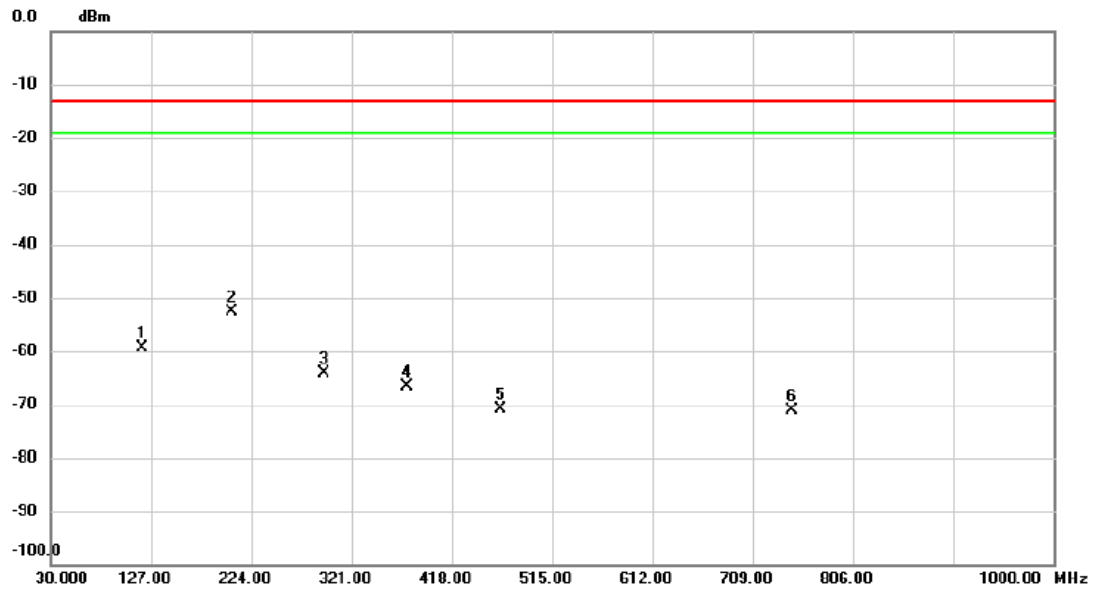
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		30.9700	-45.16	-17.61	-62.77	-13.00	-49.77	peak	
2	*	133.7900	-42.27	-16.87	-59.14	-13.00	-46.14	peak	
3		204.6000	-41.33	-19.67	-61.00	-13.00	-48.00	peak	
4		296.7500	-53.83	-16.18	-70.01	-13.00	-57.01	peak	
5		437.4000	-58.47	-12.79	-71.26	-13.00	-58.26	peak	
6		755.5600	-63.83	-7.93	-71.76	-13.00	-58.76	peak	

Test Mode: LTE Band 4\_TX CH20175\_1.4M\_Adapter AD120A120100UV

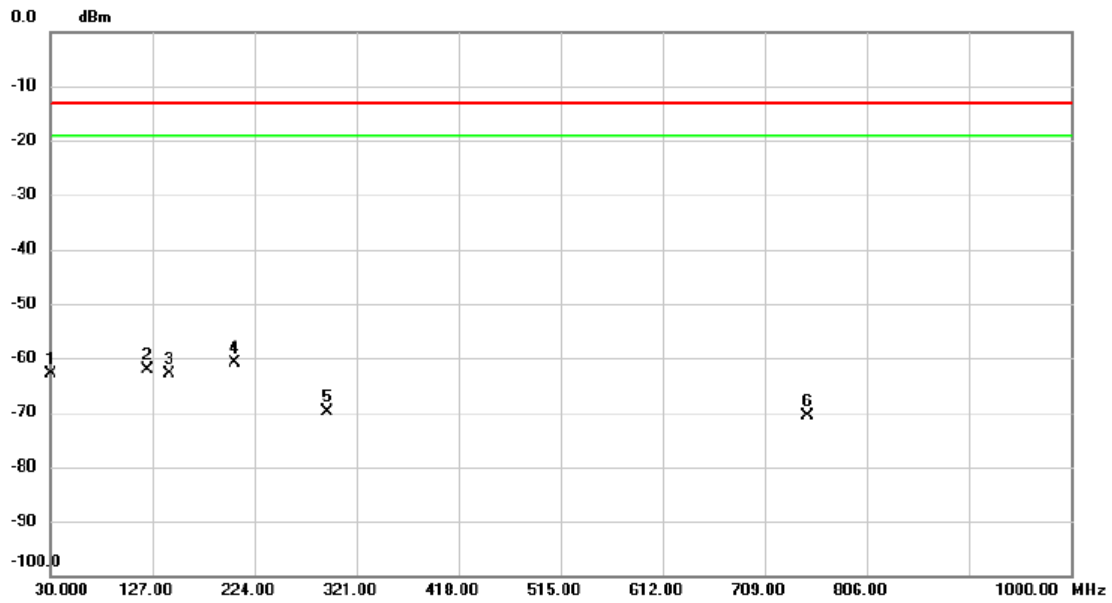
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		118.2700	-41.43	-17.82	-59.25	-13.00	-46.25	peak	
2	*	204.6000	-33.06	-19.67	-52.73	-13.00	-39.73	peak	
3		294.8100	-47.86	-16.29	-64.15	-13.00	-51.15	peak	
4		374.3500	-52.25	-14.44	-66.69	-13.00	-53.69	peak	
5		465.5300	-58.46	-12.34	-70.80	-13.00	-57.80	peak	
6		746.8300	-62.96	-8.05	-71.01	-13.00	-58.01	peak	

Test Mode: LTE Band 4\_TX CH20175\_5M\_Adapter AD120A120100UV

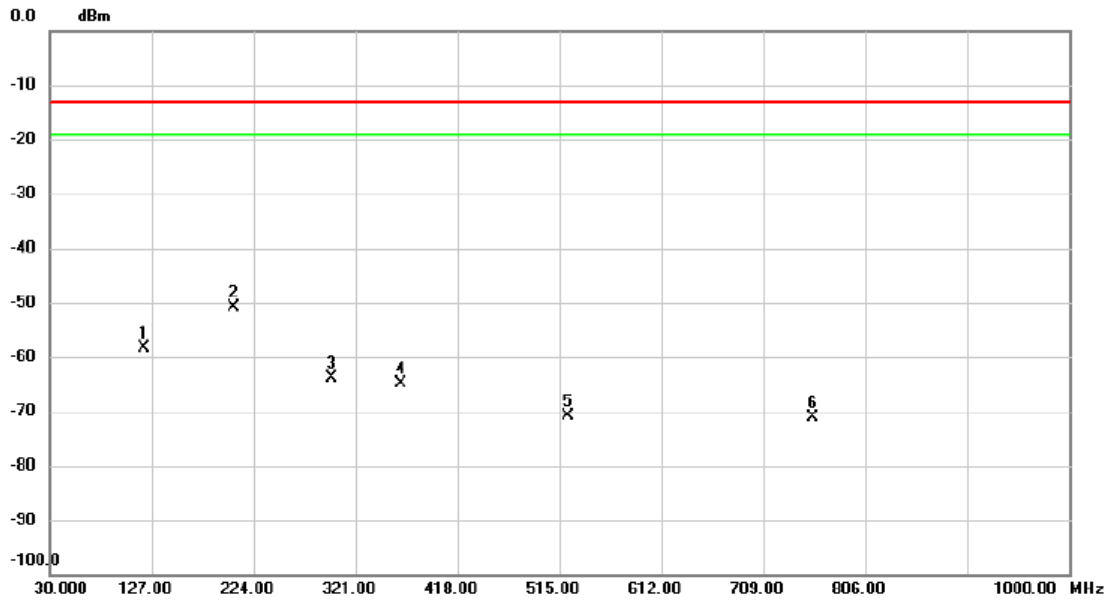
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		30.0000	-45.09	-17.67	-62.76	-13.00	-49.76	peak	
2		122.1500	-44.46	-17.57	-62.03	-13.00	-49.03	peak	
3		142.5200	-46.77	-16.11	-62.88	-13.00	-49.88	peak	
4	*	204.6000	-41.14	-19.67	-60.81	-13.00	-47.81	peak	
5		293.8400	-53.46	-16.33	-69.79	-13.00	-56.79	peak	
6		749.7400	-62.70	-7.99	-70.69	-13.00	-57.69	peak	

Test Mode: LTE Band 4\_TX CH20175\_5M\_Adapter AD120A120100UV

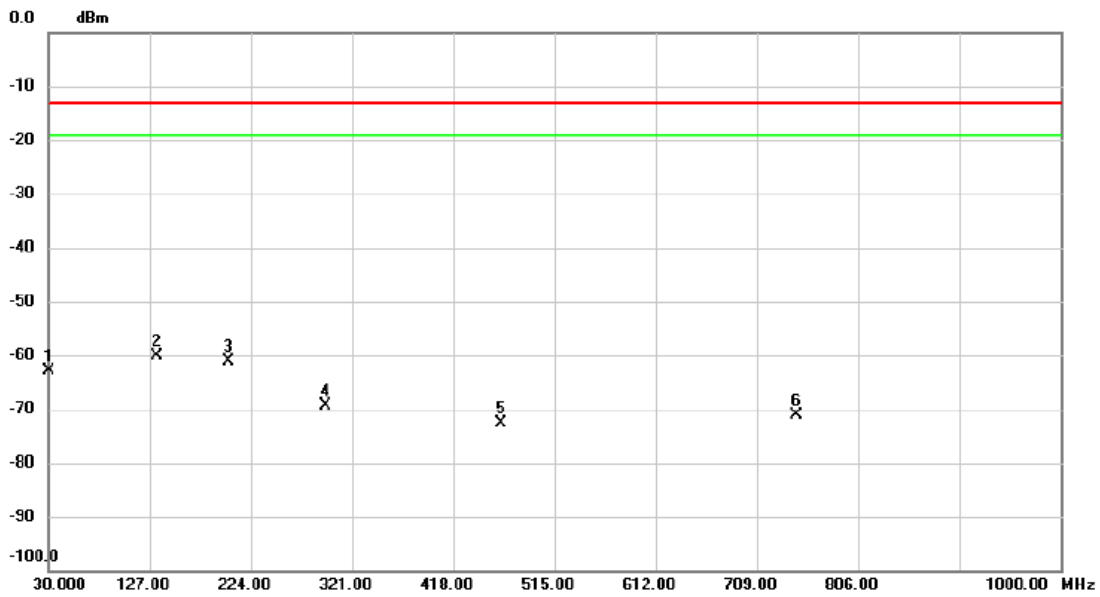
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		120.2100	-40.82	-17.66	-58.48	-13.00	-45.48	peak	
2	*	204.6000	-31.29	-19.67	-50.96	-13.00	-37.96	peak	
3		298.6900	-47.87	-16.09	-63.96	-13.00	-50.96	peak	
4		364.6500	-50.75	-14.19	-64.94	-13.00	-51.94	peak	
5		523.7300	-59.72	-11.12	-70.84	-13.00	-57.84	peak	
6		755.5600	-63.23	-7.93	-71.16	-13.00	-58.16	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M\_Adapter AD120A120100UV

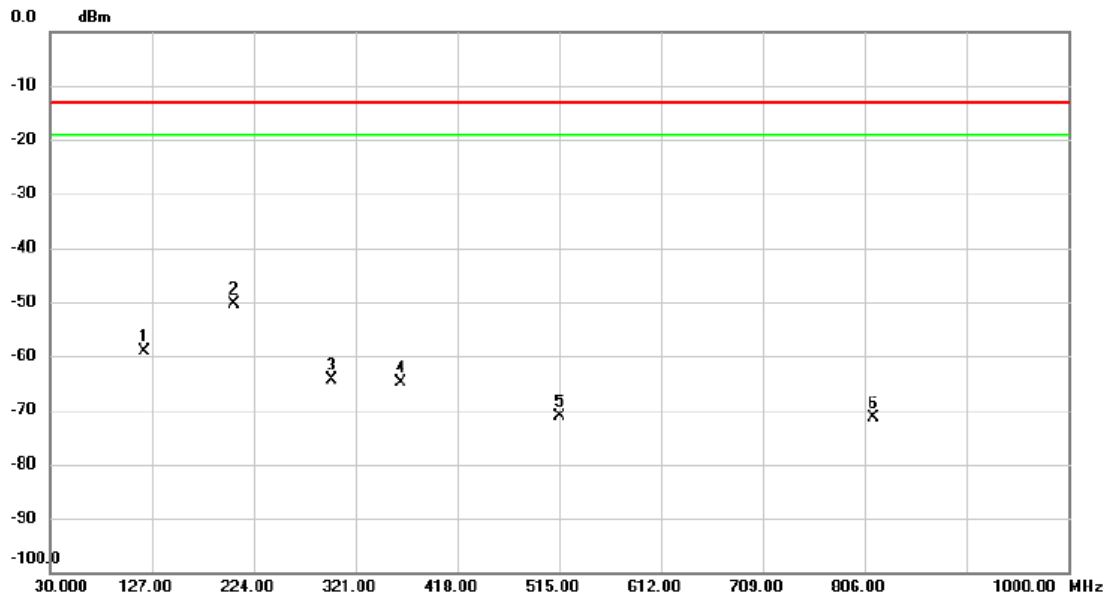
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		30.0000	-45.32	-17.67	-62.99	-13.00	-49.99	peak	
2	*	133.7900	-43.20	-16.87	-60.07	-13.00	-47.07	peak	
3		202.6600	-41.46	-19.76	-61.22	-13.00	-48.22	peak	
4		295.7800	-53.09	-16.24	-69.33	-13.00	-56.33	peak	
5		463.5900	-60.27	-12.34	-72.61	-13.00	-59.61	peak	
6		746.8300	-63.10	-8.05	-71.15	-13.00	-58.15	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M\_Adapter AD120A120100UV

### Horizontal

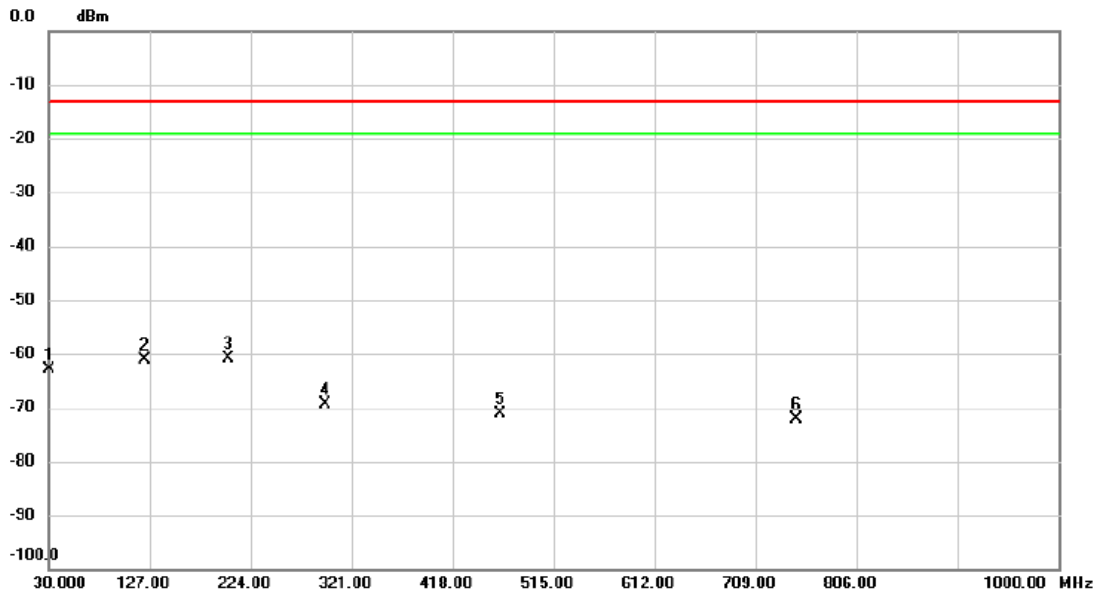


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		120.2100	-41.46	-17.66	-59.12	-13.00	-46.12	peak	
2	*	204.6000	-30.62	-19.67	-50.29	-13.00	-37.29	peak	
3		298.6900	-48.36	-16.09	-64.45	-13.00	-51.45	peak	
4		364.6500	-50.69	-14.19	-64.88	-13.00	-51.88	peak	
5		515.0000	-59.73	-11.34	-71.07	-13.00	-58.07	peak	
6		813.7600	-63.90	-7.37	-71.27	-13.00	-58.27	peak	



Test Mode: LTE Band 12\_TX CH23095\_1.4M\_Adapter AD120A120100UV

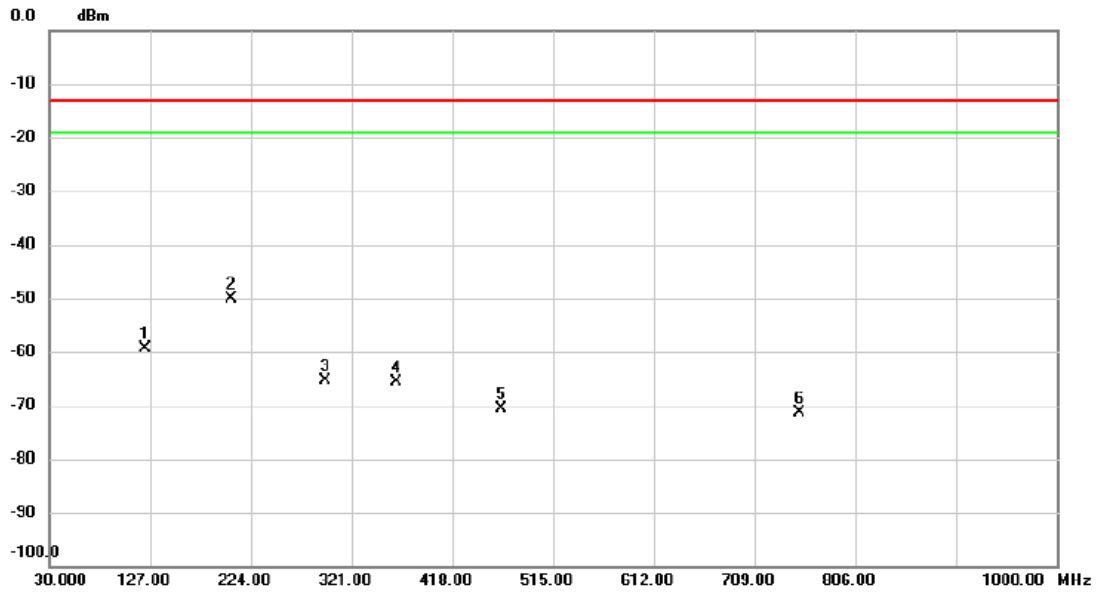
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		30.0000	-45.22	-17.67	-62.89	-13.00	-49.89	peak	
2		122.1500	-43.44	-17.57	-61.01	-13.00	-48.01	peak	
3	*	202.6600	-41.00	-19.76	-60.76	-13.00	-47.76	peak	
4		295.7800	-53.23	-16.24	-69.47	-13.00	-56.47	peak	
5		463.5900	-58.78	-12.34	-71.12	-13.00	-58.12	peak	
6		748.7700	-64.00	-8.01	-72.01	-13.00	-59.01	peak	

Test Mode: LTE Band 12\_TX CH23095\_1.4M\_Adapter AD120A120100UV

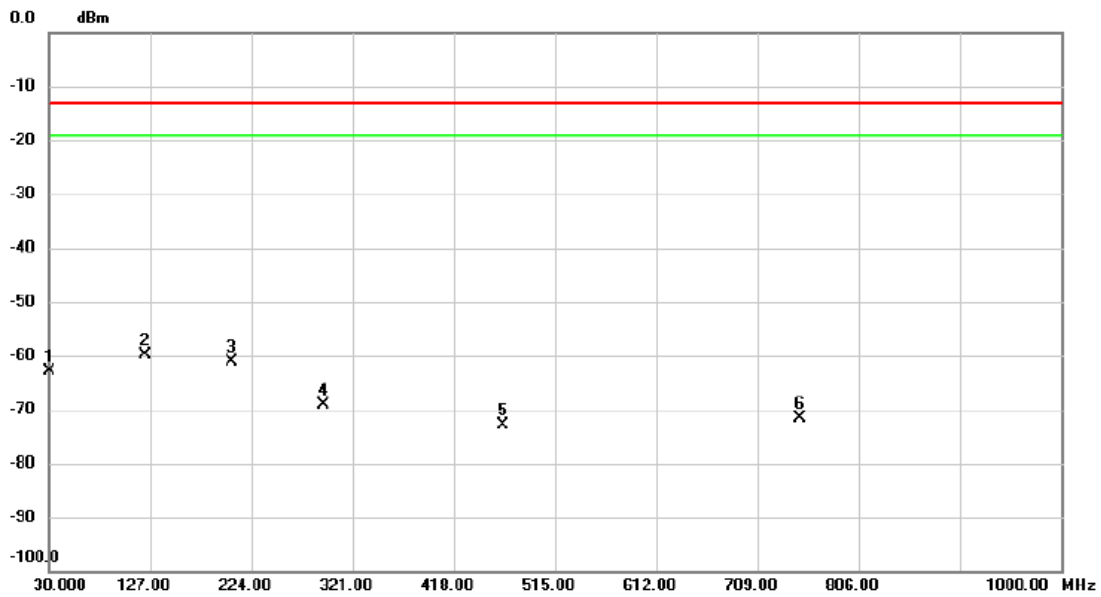
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		122.1500	-41.81	-17.57	-59.38	-13.00	-46.38	peak	
2	*	204.6000	-30.42	-19.67	-50.09	-13.00	-37.09	peak	
3		295.7800	-49.22	-16.24	-65.46	-13.00	-52.46	peak	
4		364.6500	-51.37	-14.19	-65.56	-13.00	-52.56	peak	
5		465.5300	-58.24	-12.34	-70.58	-13.00	-57.58	peak	
6		751.6800	-63.49	-7.97	-71.46	-13.00	-58.46	peak	

Test Mode: LTE Band 12\_TX CH23095\_5M\_Adapter AD120A120100UV

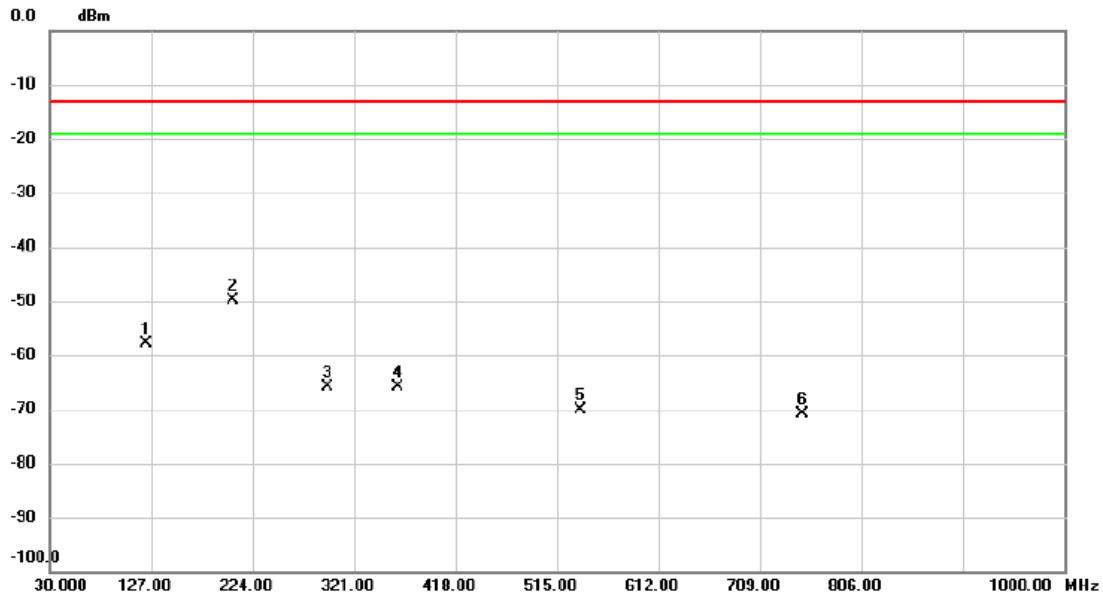
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		30.0000	-45.18	-17.67	-62.85	-13.00	-49.85	peak	
2	*	122.1500	-42.24	-17.57	-59.81	-13.00	-46.81	peak	
3		204.6000	-41.34	-19.67	-61.01	-13.00	-48.01	peak	
4		293.8400	-52.85	-16.33	-69.18	-13.00	-56.18	peak	
5		465.5300	-60.64	-12.34	-72.98	-13.00	-59.98	peak	
6		749.7400	-63.68	-7.99	-71.67	-13.00	-58.67	peak	

Test Mode: LTE Band 12\_TX CH23095\_5M\_Adapter AD120A120100UV

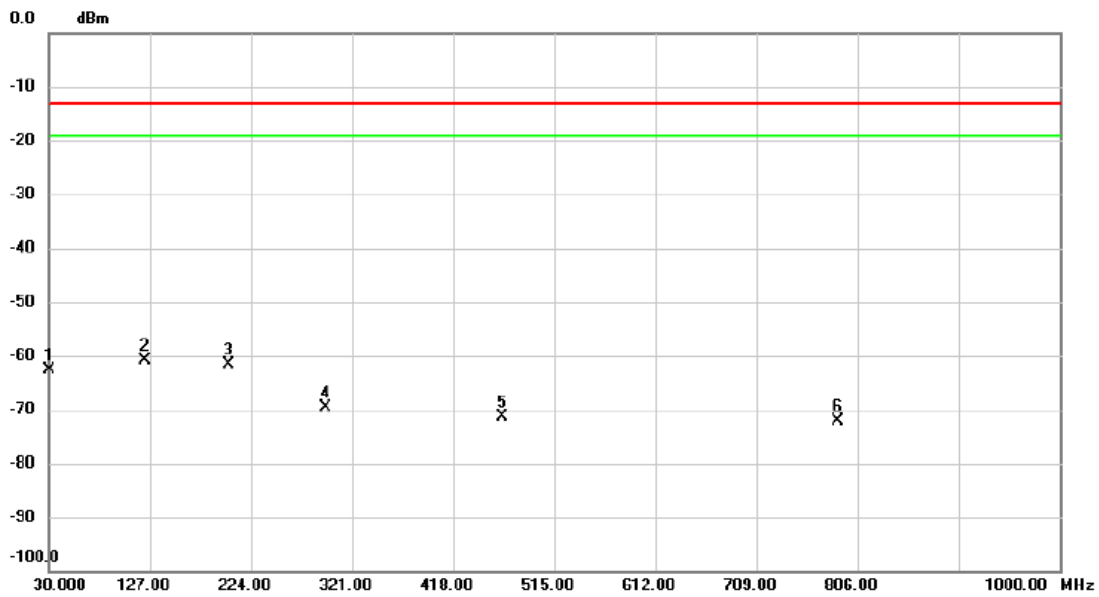
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		122.1500	-40.26	-17.57	-57.83	-13.00	-44.83	peak	
2	*	204.6000	-30.22	-19.67	-49.89	-13.00	-36.89	peak	
3		295.7800	-49.54	-16.24	-65.78	-13.00	-52.78	peak	
4		362.7100	-51.71	-14.15	-65.86	-13.00	-52.86	peak	
5		537.3100	-59.40	-10.77	-70.17	-13.00	-57.17	peak	
6		749.7400	-62.82	-7.99	-70.81	-13.00	-57.81	peak	

Test Mode: LTE Band 12\_TX CH23095\_10M\_Adapter AD120A120100UV

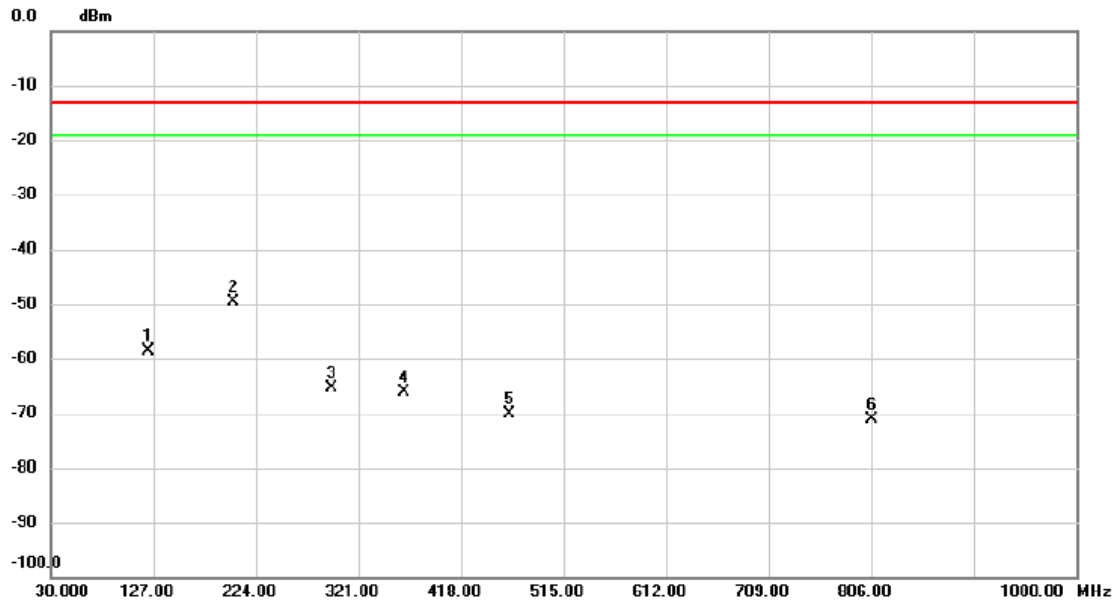
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		30.0000	-44.91	-17.67	-62.58	-13.00	-49.58	peak	
2	*	122.1500	-43.29	-17.57	-60.86	-13.00	-47.86	peak	
3		202.6600	-41.74	-19.76	-61.50	-13.00	-48.50	peak	
4		295.7800	-53.32	-16.24	-69.56	-13.00	-56.56	peak	
5		465.5300	-59.06	-12.34	-71.40	-13.00	-58.40	peak	
6		786.6000	-64.39	-7.70	-72.09	-13.00	-59.09	peak	

Test Mode: LTE Band 12\_TX CH23095\_10M\_Adapter AD120A120100UV

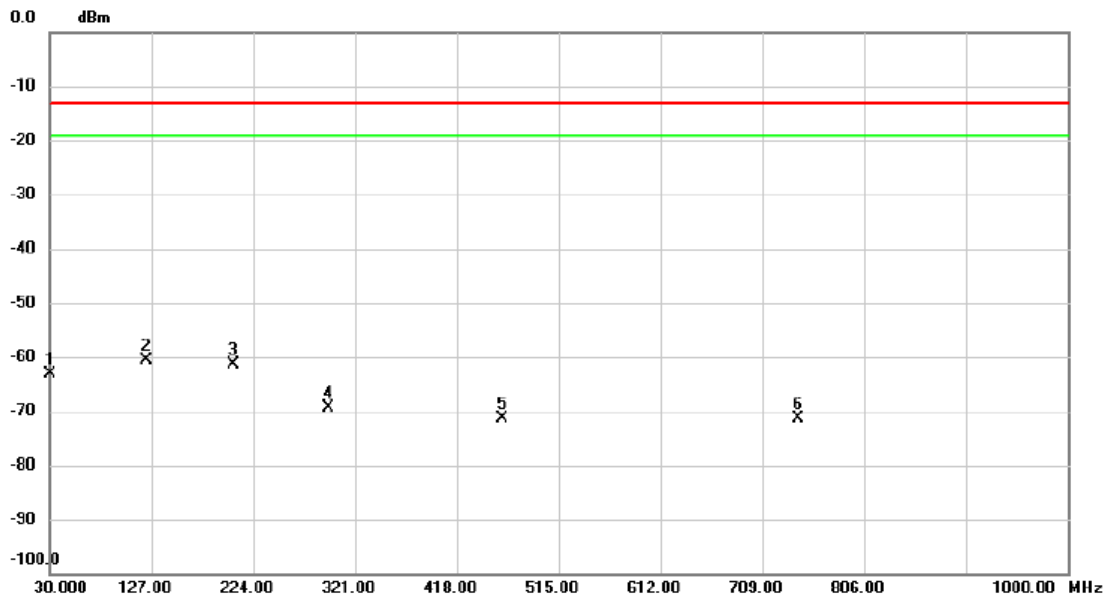
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		122.1500	-41.15	-17.57	-58.72	-13.00	-45.72	peak	
2	*	202.6600	-29.91	-19.76	-49.67	-13.00	-36.67	peak	
3		295.7800	-49.19	-16.24	-65.43	-13.00	-52.43	peak	
4		363.6800	-51.96	-14.17	-66.13	-13.00	-53.13	peak	
5		463.5900	-57.79	-12.34	-70.13	-13.00	-57.13	peak	
6		806.0000	-63.69	-7.50	-71.19	-13.00	-58.19	peak	

Test Mode: LTE Band 66\_TX CH132322\_1.4M\_Adapter AD120A120100UV

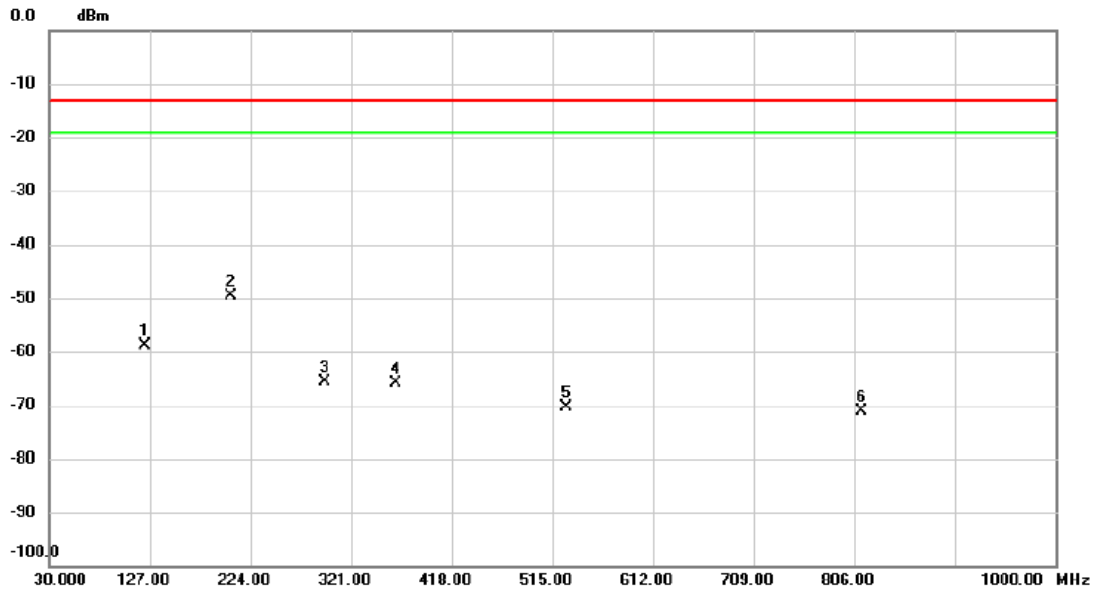
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		30.9700	-45.57	-17.61	-63.18	-13.00	-50.18	peak	
2	*	122.1500	-43.09	-17.57	-60.66	-13.00	-47.66	peak	
3		204.6000	-41.68	-19.67	-61.35	-13.00	-48.35	peak	
4		295.7800	-53.06	-16.24	-69.30	-13.00	-56.30	peak	
5		461.6500	-59.05	-12.35	-71.40	-13.00	-58.40	peak	
6		742.9500	-63.17	-8.16	-71.33	-13.00	-58.33	peak	

Test Mode: LTE Band 66\_TX CH132322\_1.4M\_Adapter AD120A120100UV

### Horizontal

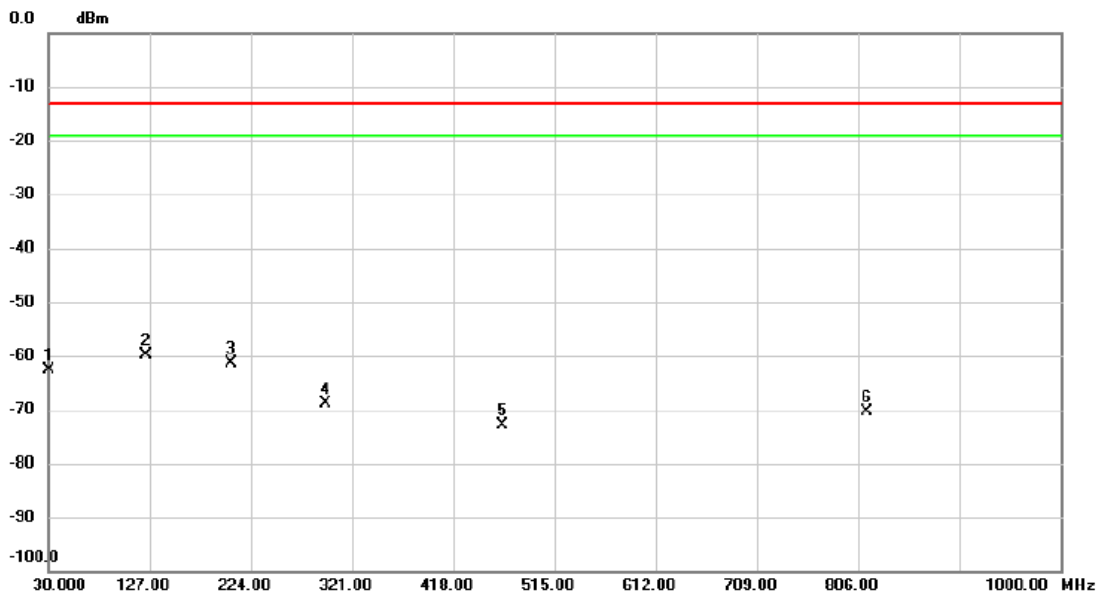


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		122.1500	-41.31	-17.57	-58.88	-13.00	-45.88	peak	
2	*	204.6000	-30.00	-19.67	-49.67	-13.00	-36.67	peak	
3		295.7800	-49.29	-16.24	-65.53	-13.00	-52.53	peak	
4		364.6500	-51.62	-14.19	-65.81	-13.00	-52.81	peak	
5		528.5800	-59.38	-11.00	-70.38	-13.00	-57.38	peak	
6		812.7900	-63.83	-7.39	-71.22	-13.00	-58.22	peak	



Test Mode: LTE Band 66\_TX CH132322\_5M\_Adapter AD120A120100UV

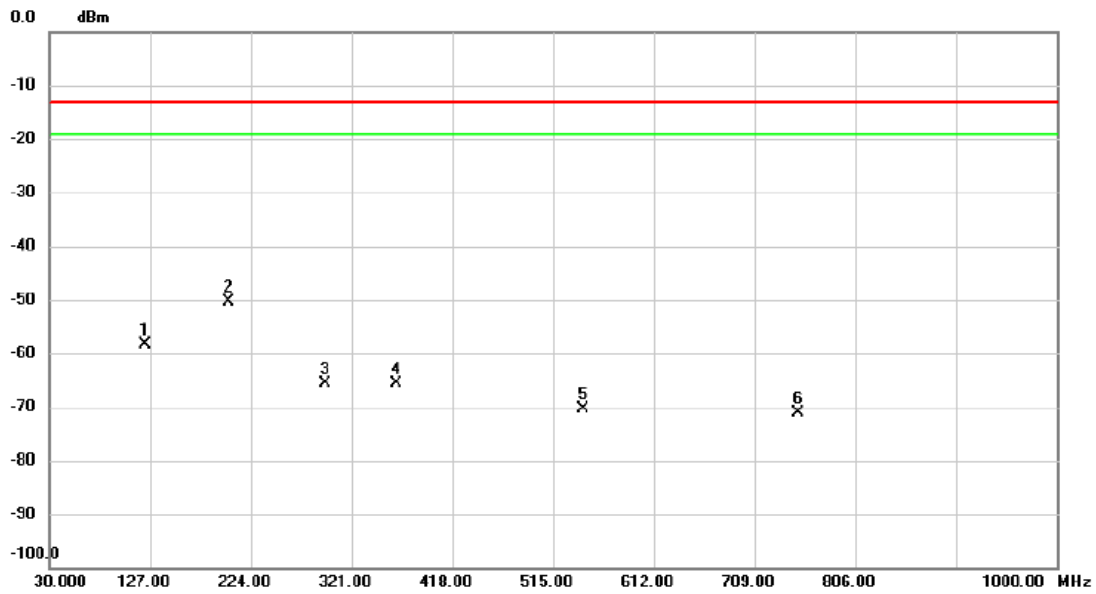
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		30.0000	-44.87	-17.67	-62.54	-13.00	-49.54	peak	
2	*	123.1200	-42.28	-17.53	-59.81	-13.00	-46.81	peak	
3		204.6000	-41.67	-19.67	-61.34	-13.00	-48.34	peak	
4		295.7800	-52.75	-16.24	-68.99	-13.00	-55.99	peak	
5		464.5600	-60.65	-12.34	-72.99	-13.00	-59.99	peak	
6		814.7300	-63.02	-7.36	-70.38	-13.00	-57.38	peak	

Test Mode: LTE Band 66\_TX CH132322\_5M\_Adapter AD120A120100UV

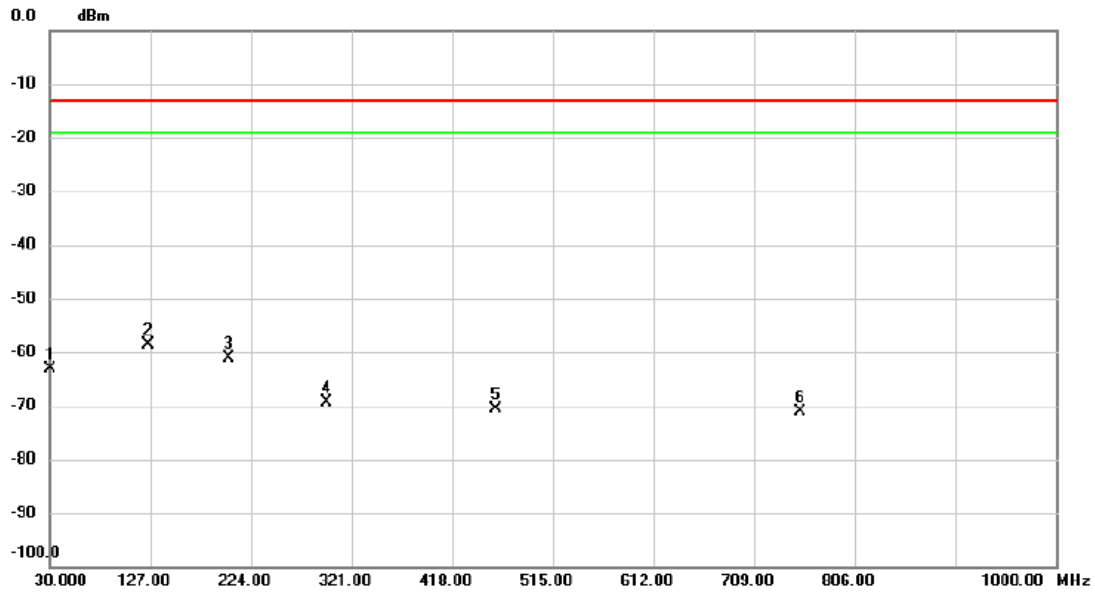
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		122.1500	-40.76	-17.57	-58.33	-13.00	-45.33	peak	
2	*	202.6600	-30.50	-19.76	-50.26	-13.00	-37.26	peak	
3		295.7800	-49.27	-16.24	-65.51	-13.00	-52.51	peak	
4		364.6500	-51.41	-14.19	-65.60	-13.00	-52.60	peak	
5		544.1000	-59.81	-10.60	-70.41	-13.00	-57.41	peak	
6		750.7100	-63.27	-7.97	-71.24	-13.00	-58.24	peak	

Test Mode: LTE Band 66\_TX CH132322\_20M\_Adapter AD120A120100UV

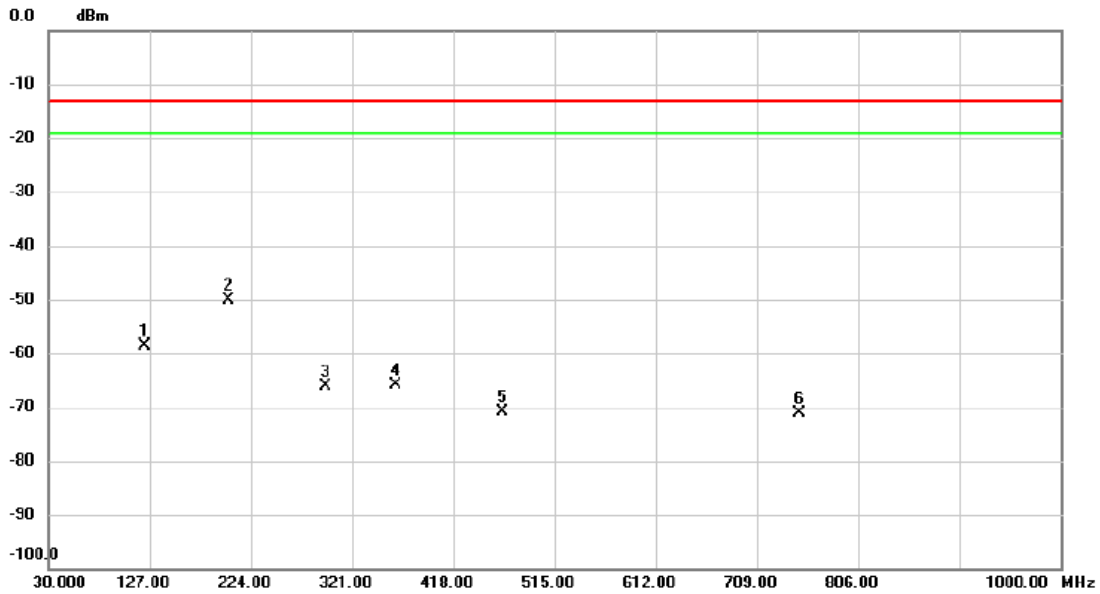
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		30.0000	-45.46	-17.67	-63.13	-13.00	-50.13	peak	
2	*	125.0600	-41.31	-17.43	-58.74	-13.00	-45.74	peak	
3		202.6600	-41.24	-19.76	-61.00	-13.00	-48.00	peak	
4		296.7500	-53.23	-16.18	-69.41	-13.00	-56.41	peak	
5		459.7100	-58.28	-12.36	-70.64	-13.00	-57.64	peak	
6		753.6200	-63.16	-7.95	-71.11	-13.00	-58.11	peak	

Test Mode: LTE Band 66\_TX CH132322\_20M\_Adapter AD120A120100UV

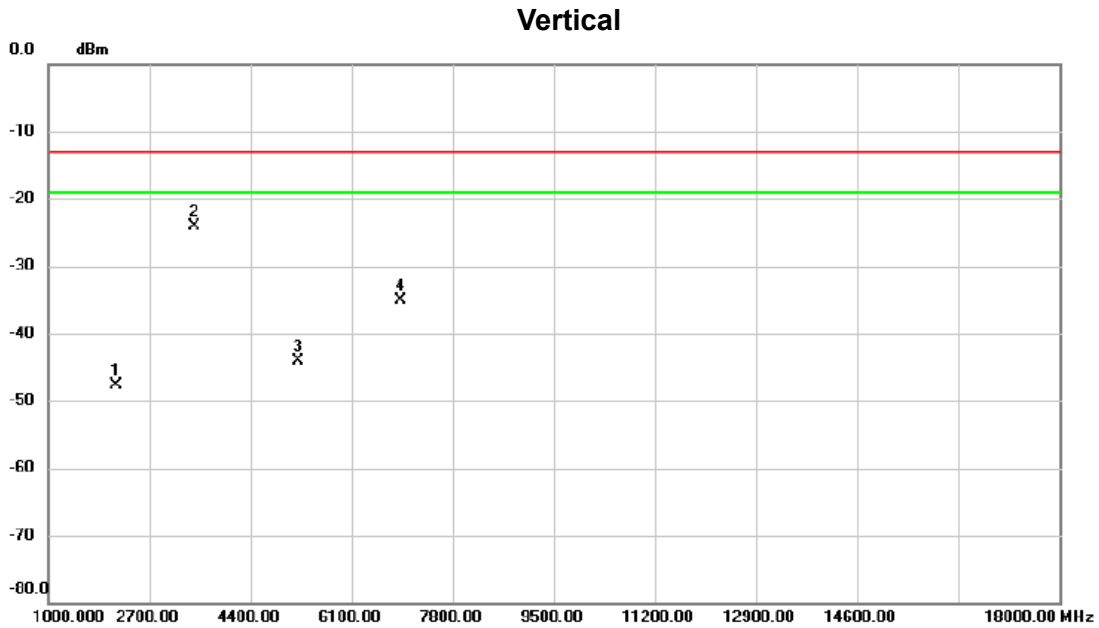
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Over dB	Detector	Comment
1		122.1500	-41.17	-17.57	-58.74	-13.00	-45.74	peak	
2	*	202.6600	-30.40	-19.76	-50.16	-13.00	-37.16	peak	
3		295.7800	-49.76	-16.24	-66.00	-13.00	-53.00	peak	
4		362.7100	-51.84	-14.15	-65.99	-13.00	-52.99	peak	
5		464.5600	-58.42	-12.34	-70.76	-13.00	-57.76	peak	
6		749.7400	-63.05	-7.99	-71.04	-13.00	-58.04	peak	

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

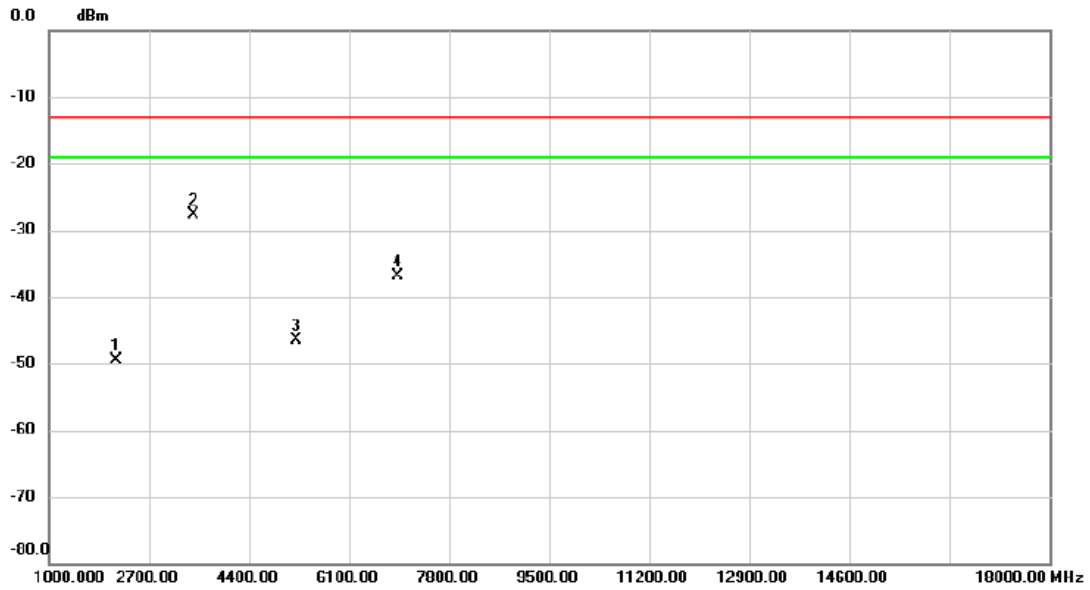
Test Mode: LTE Band 4\_TX CH20175\_1.4M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		2139.000	-41.44	-6.19	-47.63	-13.00	-34.63	peak	
2	*	3465.000	-21.16	-3.01	-24.17	-13.00	-11.17	peak	
3		5199.000	-46.59	2.50	-44.09	-13.00	-31.09	peak	
4		6933.000	-42.96	7.95	-35.01	-13.00	-22.01	peak	

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

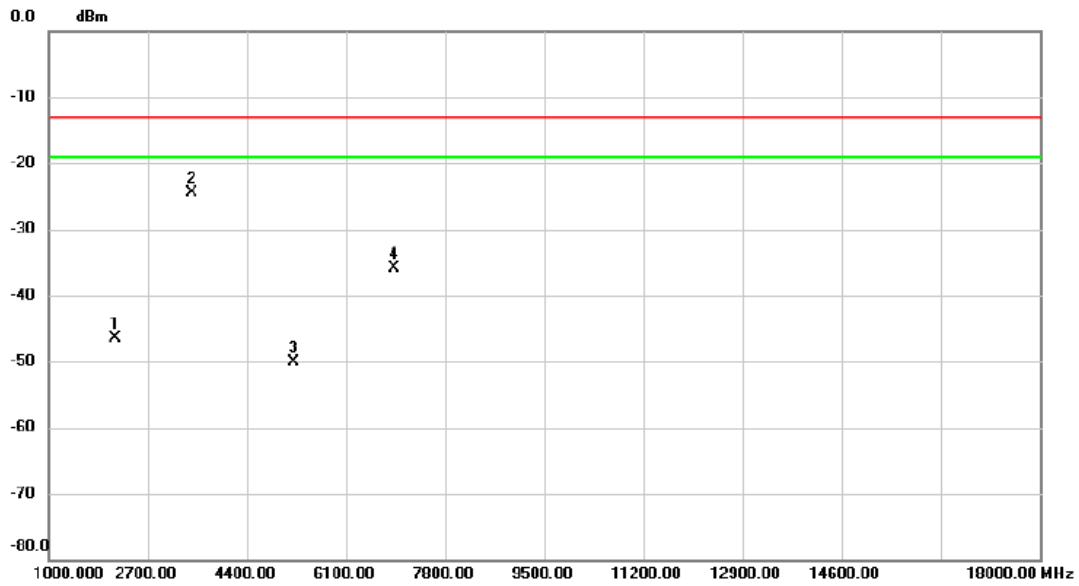
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		2139.000	-43.31	-6.19	-49.50	-13.00	-36.50	peak	
2	*	3465.000	-24.70	-3.01	-27.71	-13.00	-14.71	peak	
3		5199.000	-48.98	2.50	-46.48	-13.00	-33.48	peak	
4		6933.000	-44.80	7.95	-36.85	-13.00	-23.85	peak	

Test Mode: LTE Band 4\_TX CH20175\_5M

Vertical

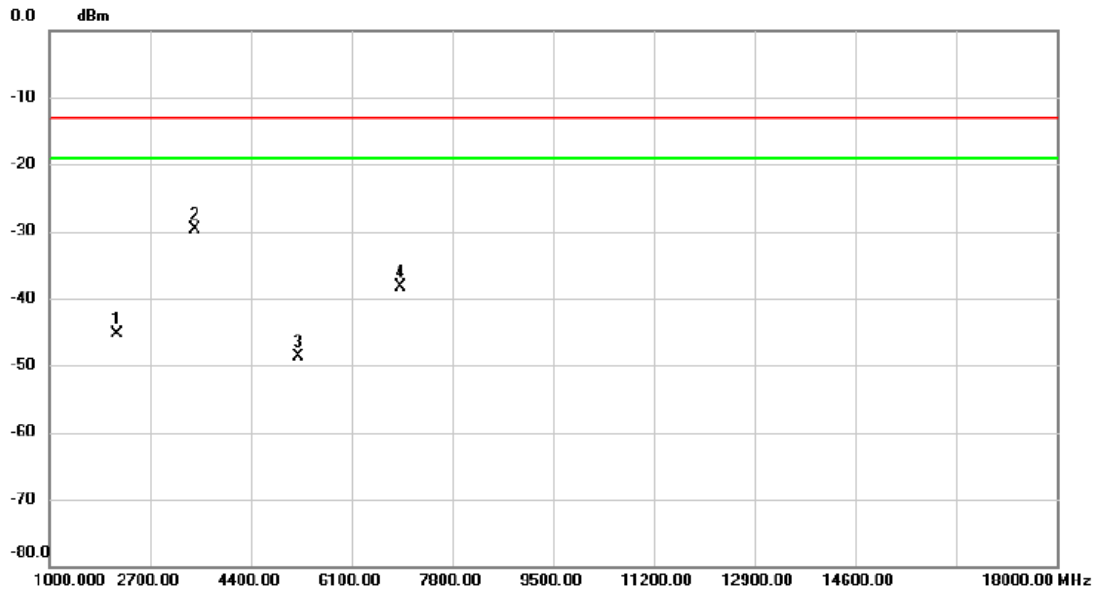


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		2139.000	-40.21	-6.19	-46.40	-13.00	-33.40	peak	
2	*	3465.000	-21.55	-3.01	-24.56	-13.00	-11.56	peak	
3		5199.000	-52.58	2.50	-50.08	-13.00	-37.08	peak	
4		6916.000	-43.80	7.87	-35.93	-13.00	-22.93	peak	



Test Mode: LTE Band 4\_TX CH20175\_5M

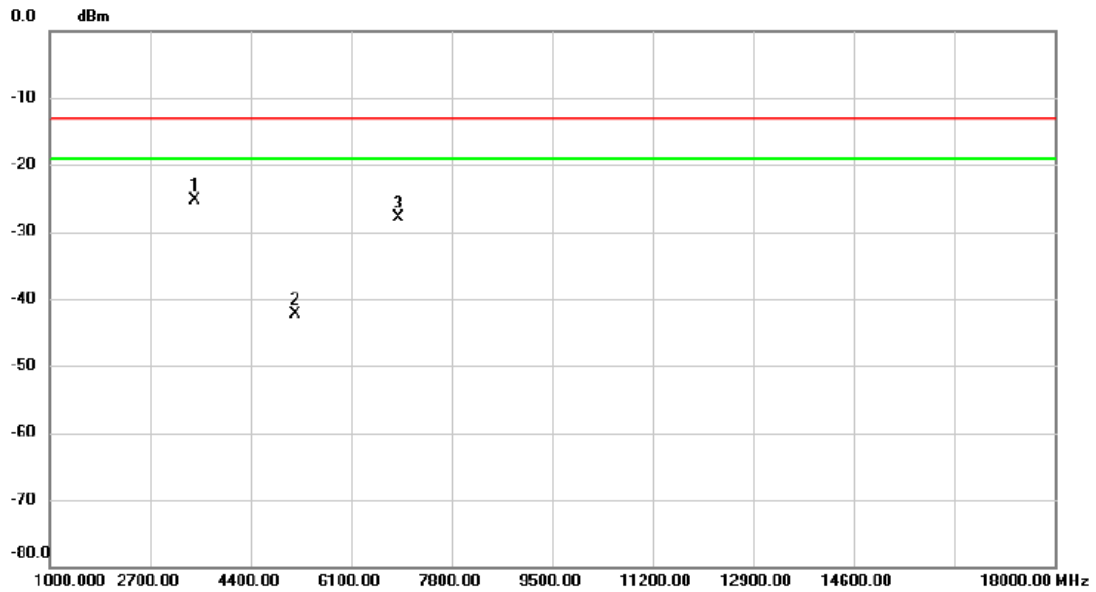
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		2139.000	-39.04	-6.19	-45.23	-13.00	-32.23	peak	
2	*	3465.000	-26.65	-3.01	-29.66	-13.00	-16.66	peak	
3		5199.000	-51.23	2.50	-48.73	-13.00	-35.73	peak	
4		6916.000	-46.19	7.87	-38.32	-13.00	-25.32	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M

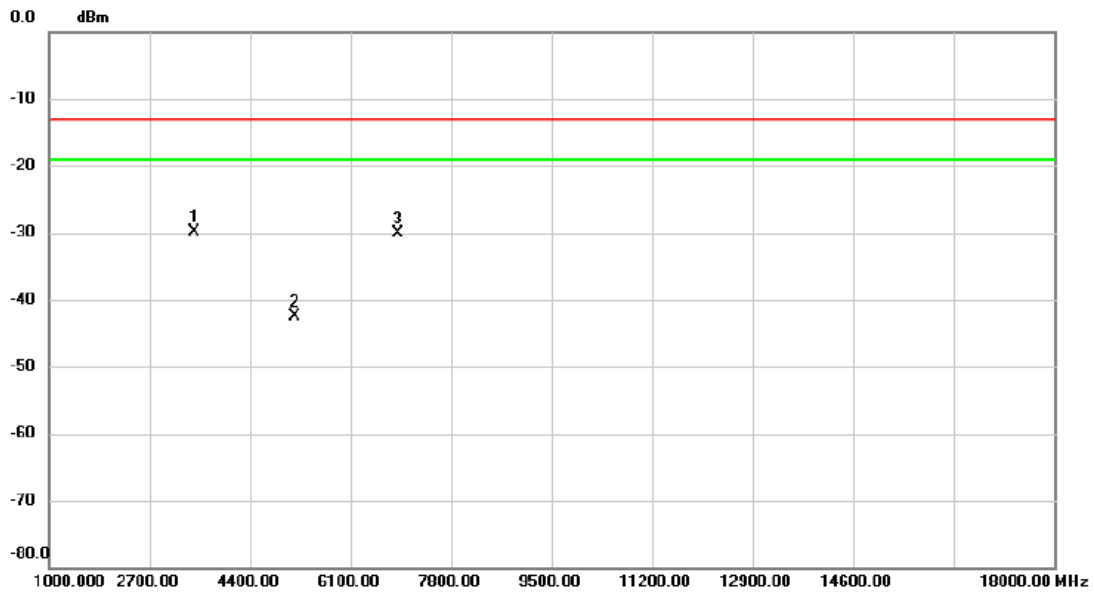
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	3448.000	-22.34	-3.05	-25.39	-13.00	-12.39	peak	
2		5165.000	-44.56	2.36	-42.20	-13.00	-29.20	peak	
3		6899.000	-35.77	7.81	-27.96	-13.00	-14.96	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M

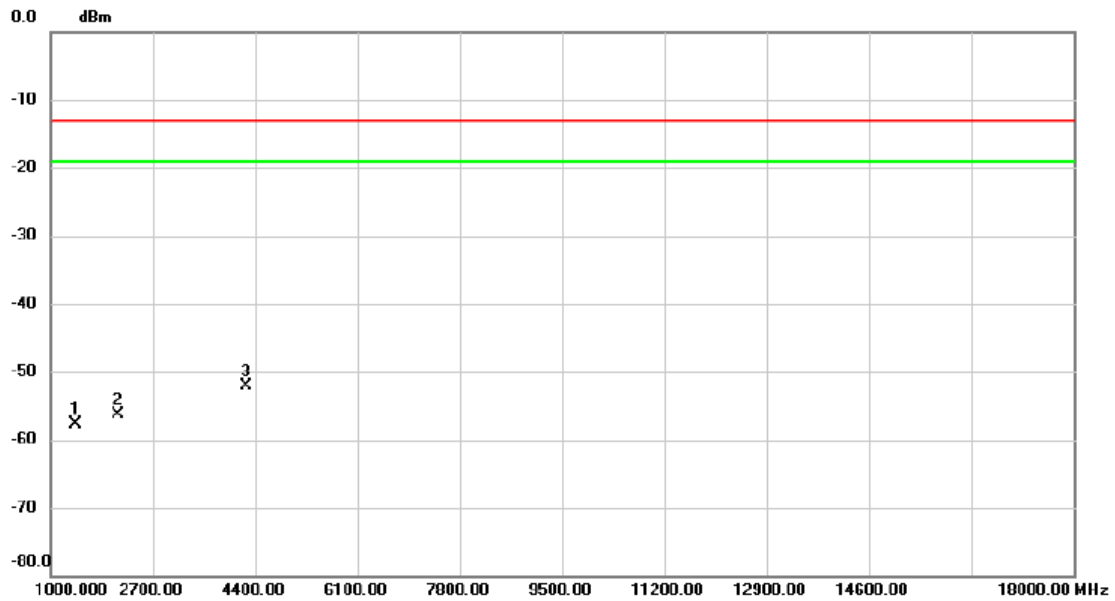
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	3448.000	-26.85	-3.05	-29.90	-13.00	-16.90	peak	
2		5165.000	-44.94	2.36	-42.58	-13.00	-29.58	peak	
3		6899.000	-37.86	7.81	-30.05	-13.00	-17.05	peak	

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

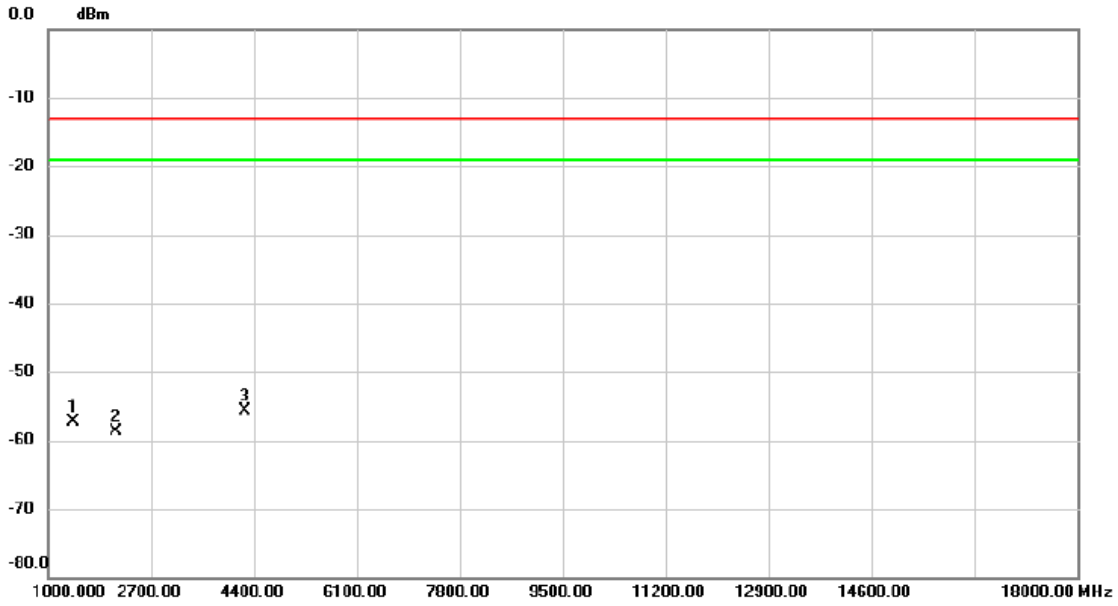
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		1408.000	-48.52	-9.16	-57.68	-13.00	-44.68	peak	
2		2122.000	-49.99	-6.23	-56.22	-13.00	-43.22	peak	
3	*	4247.000	-51.22	-0.88	-52.10	-13.00	-39.10	peak	

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

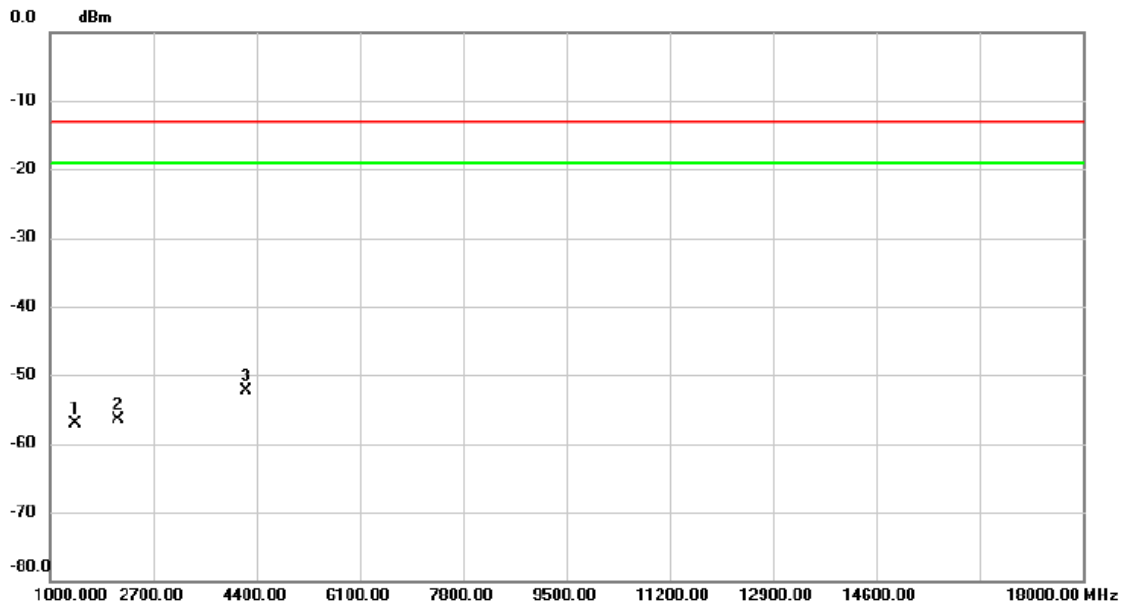
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		1408.000	-48.14	-9.16	-57.30	-13.00	-44.30	peak	
2		2122.000	-52.57	-6.23	-58.80	-13.00	-45.80	peak	
3	*	4247.000	-54.83	-0.88	-55.71	-13.00	-42.71	peak	

Test Mode: LTE Band 12\_TX CH23095\_5M

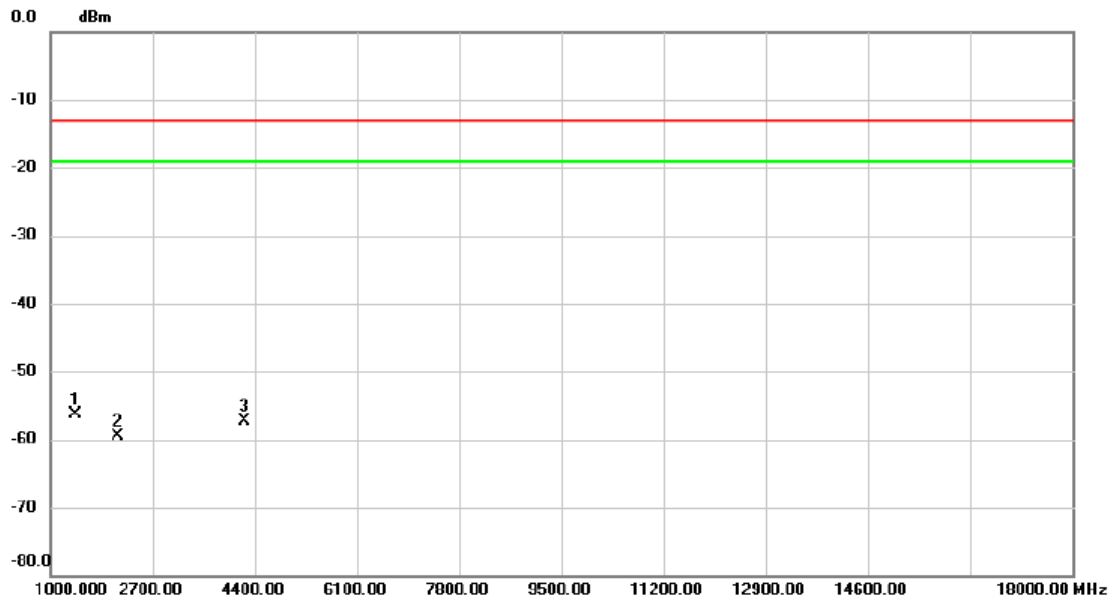
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		1408.000	-47.99	-9.16	-57.15	-13.00	-44.15	peak	
2		2122.000	-50.20	-6.23	-56.43	-13.00	-43.43	peak	
3	*	4230.000	-51.29	-0.91	-52.20	-13.00	-39.20	peak	

Test Mode: LTE Band 12\_TX CH23095\_5M

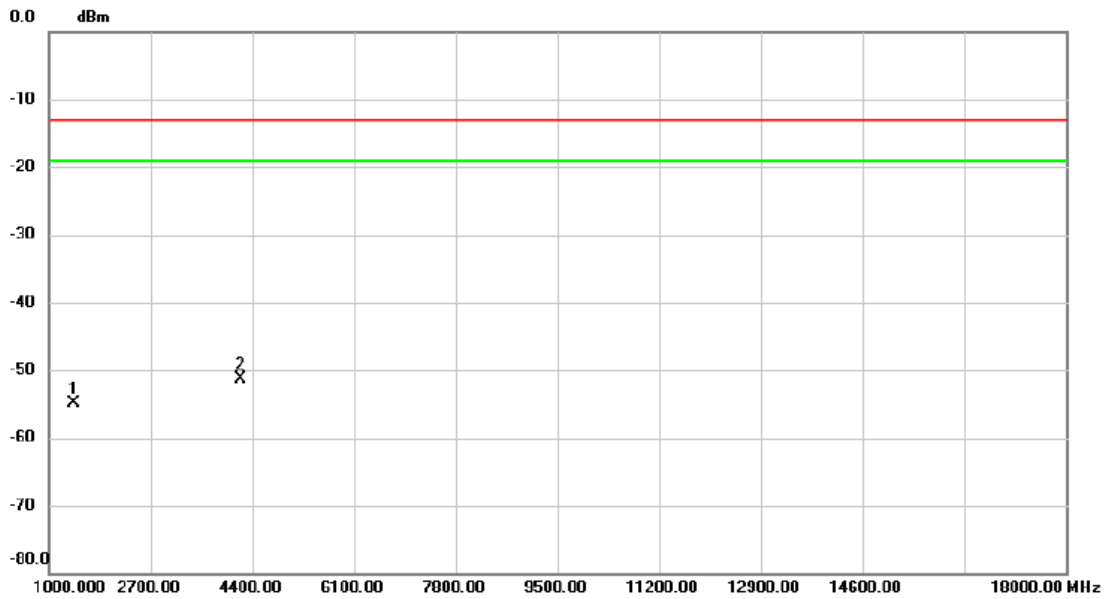
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	1408.000	-47.14	-9.16	-56.30	-13.00	-43.30	peak	
2		2122.000	-53.23	-6.23	-59.46	-13.00	-46.46	peak	
3		4230.000	-56.39	-0.91	-57.30	-13.00	-44.30	peak	

Test Mode: LTE Band 12\_TX CH23095\_10M

Vertical

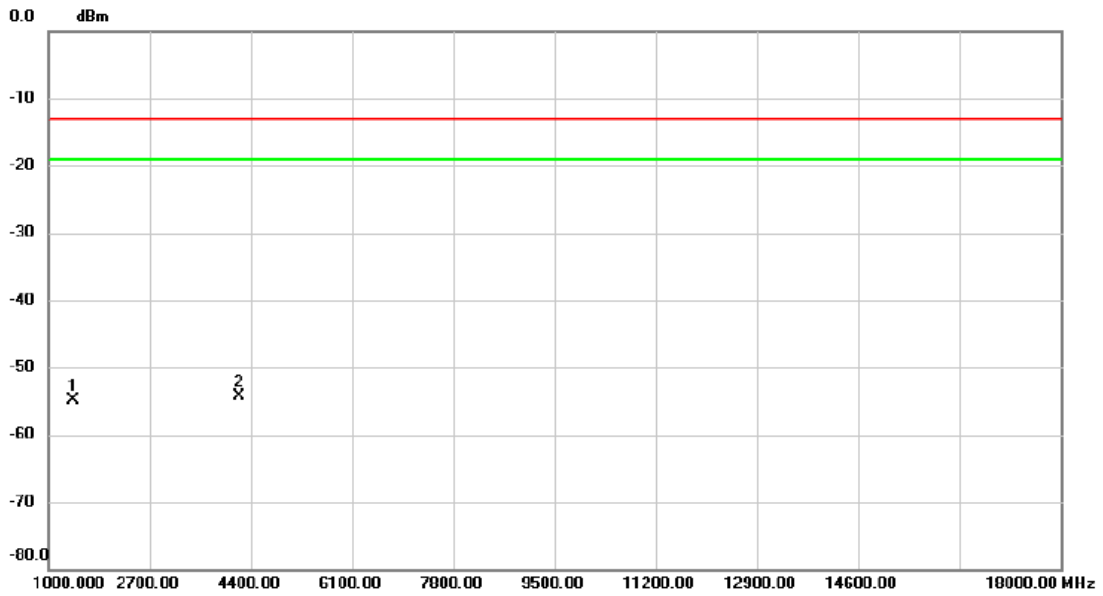


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		1408.000	-45.68	-9.16	-54.84	-13.00	-41.84	peak	
2	*	4213.000	-50.33	-0.95	-51.28	-13.00	-38.28	peak	



Test Mode: LTE Band 12\_TX CH23095\_10M

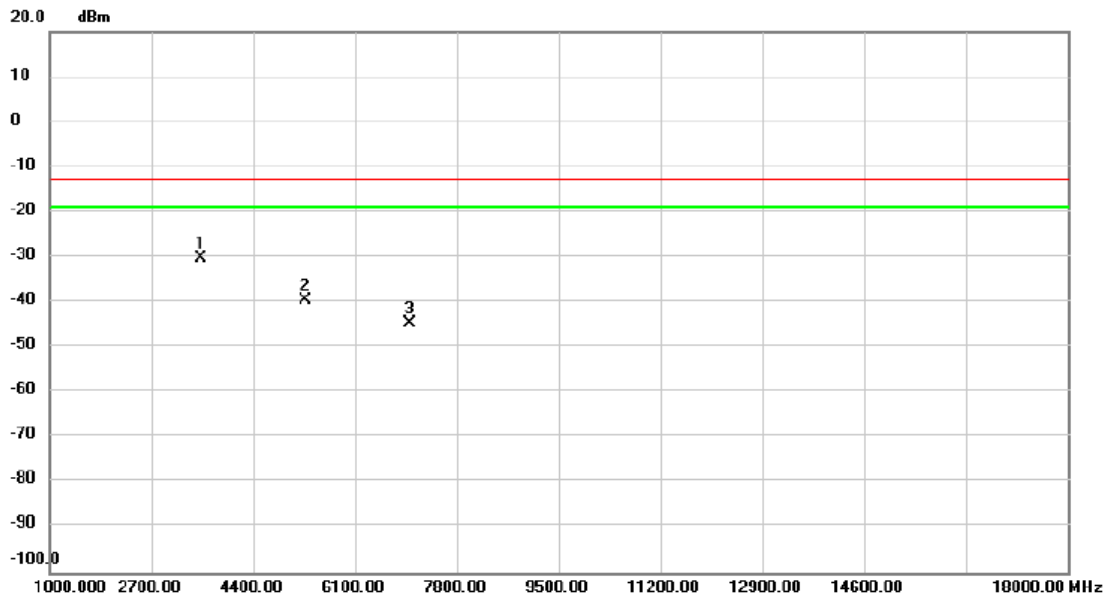
**Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		1408.000	-45.80	-9.16	-54.96	-13.00	-41.96	peak	
2	*	4213.000	-53.44	-0.95	-54.39	-13.00	-41.39	peak	

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

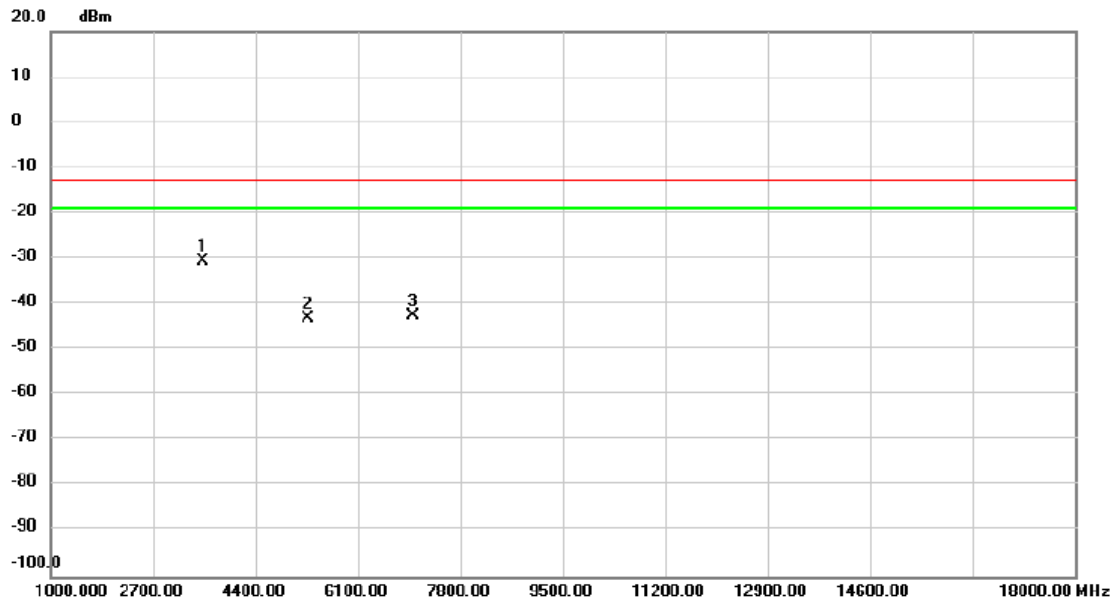
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3516.000	-31.29	0.97	-30.32	-13.00	-17.32	peak	
2		5267.000	-44.65	5.15	-39.50	-13.00	-26.50	peak	
3		7018.000	-54.27	9.49	-44.78	-13.00	-31.78	peak	

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

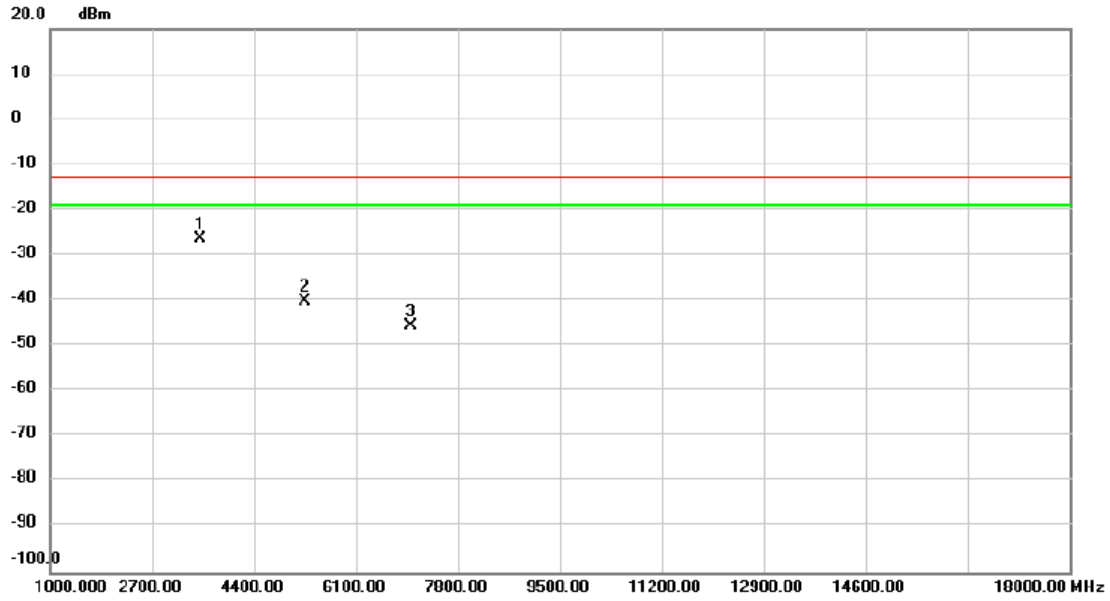
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3516.000	-31.42	0.97	-30.45	-13.00	-17.45	peak	
2		5267.000	-48.18	5.15	-43.03	-13.00	-30.03	peak	
3		7018.000	-51.93	9.49	-42.44	-13.00	-29.44	peak	

Test Mode: LTE Band 66\_TX CH132322\_5M

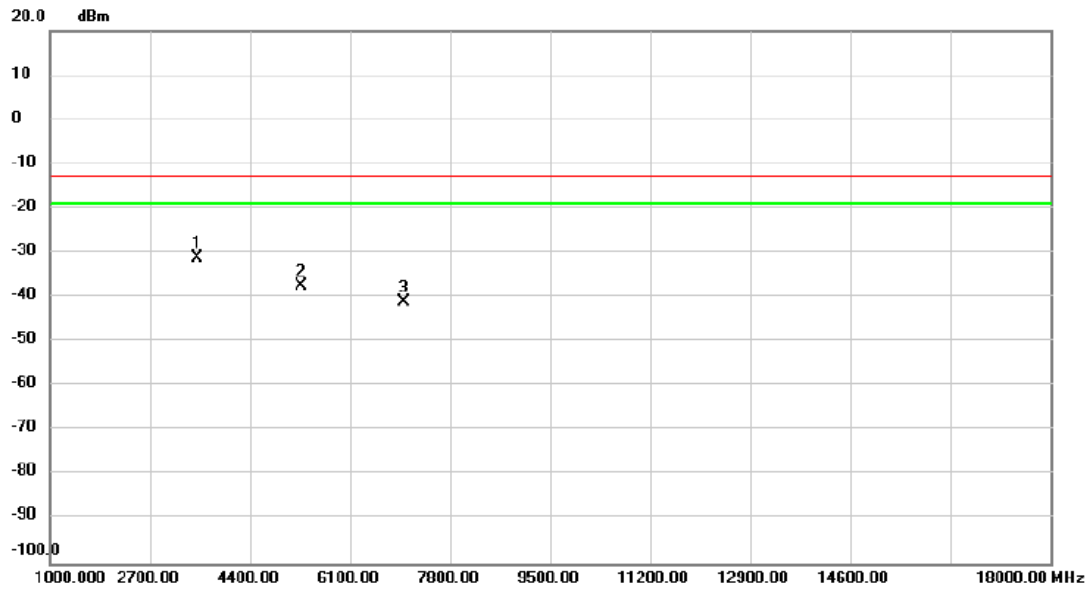
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3499.000	-27.32	0.92	-26.40	-13.00	-13.40	peak	
2		5250.000	-45.16	5.12	-40.04	-13.00	-27.04	peak	
3		7018.000	-54.98	9.49	-45.49	-13.00	-32.49	peak	

Test Mode: LTE Band 66\_TX CH132322\_5M

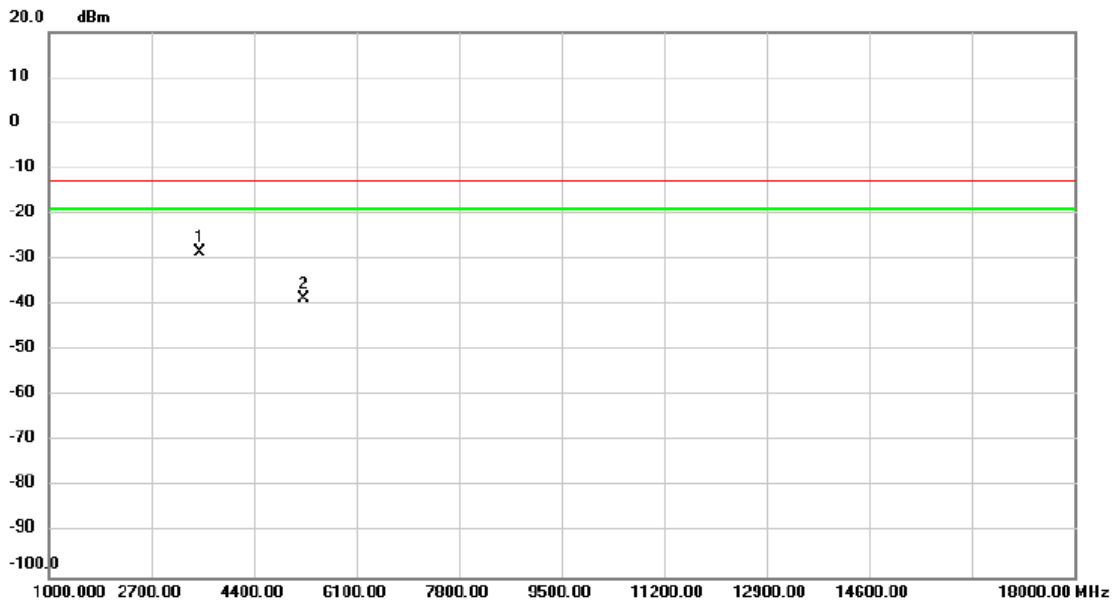
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3499.000	-31.98	0.92	-31.06	-13.00	-18.06	peak	
2		5267.000	-42.69	5.15	-37.54	-13.00	-24.54	peak	
3		7018.000	-50.42	9.49	-40.93	-13.00	-27.93	peak	

Test Mode: LTE Band 66\_TX CH132322\_20M

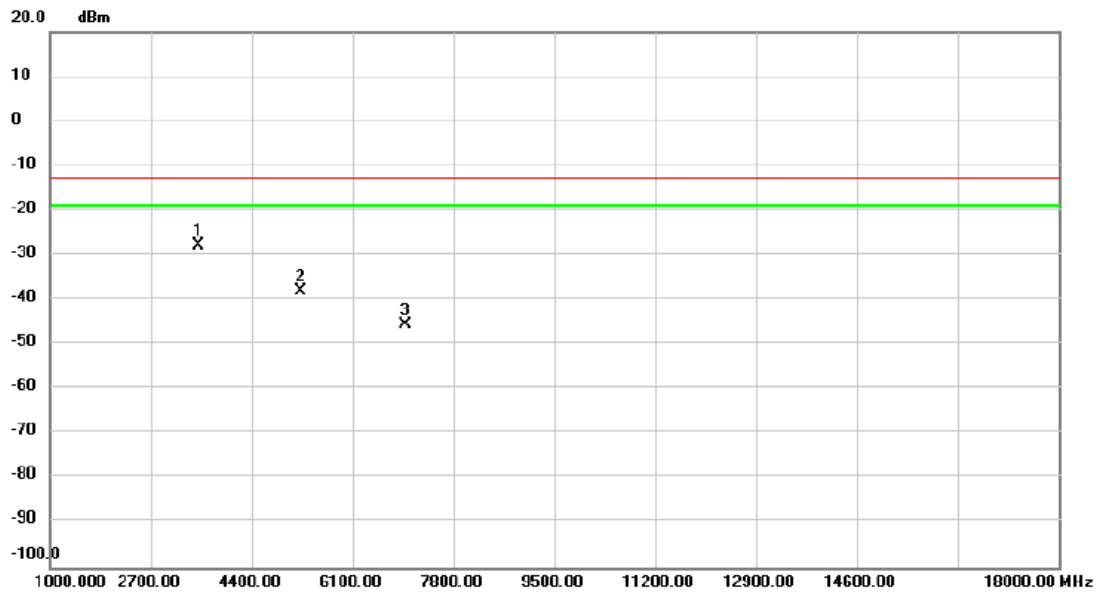
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3499.000	-29.40	0.92	-28.48	-13.00	-15.48	peak	
2		5233.000	-43.83	5.09	-38.74	-13.00	-25.74	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	*	3499.000	-28.65	0.92	-27.73	-13.00	-14.73	peak	
2		5233.000	-43.18	5.09	-38.09	-13.00	-25.09	peak	
3		6984.000	-55.09	9.40	-45.69	-13.00	-32.69	peak	

## APPENDIX G - BAND EDGE



### LTE Band 4\_1.4M

1RB0

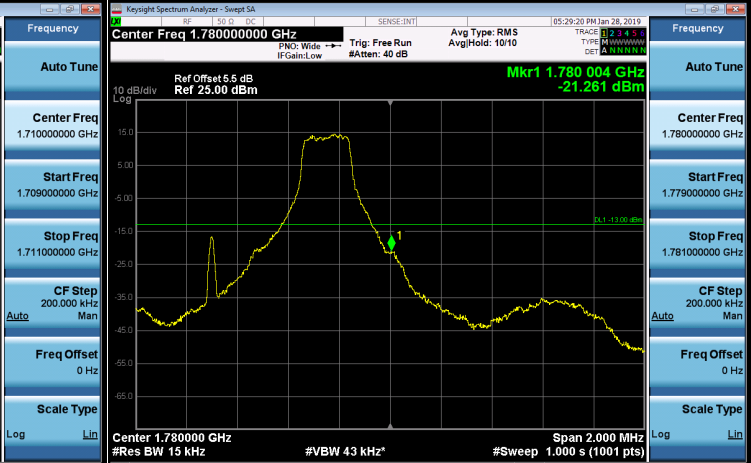
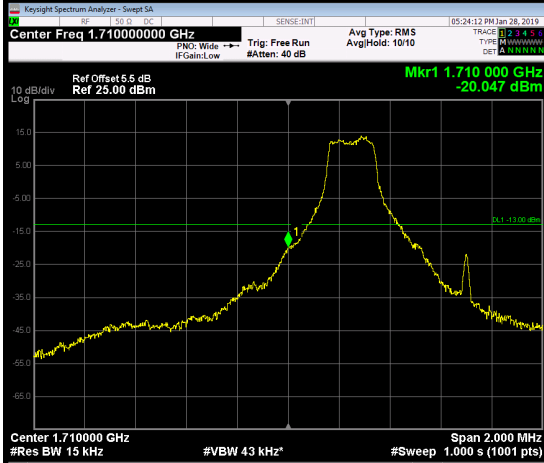
1RB5

Channel

19957

Channel

20393



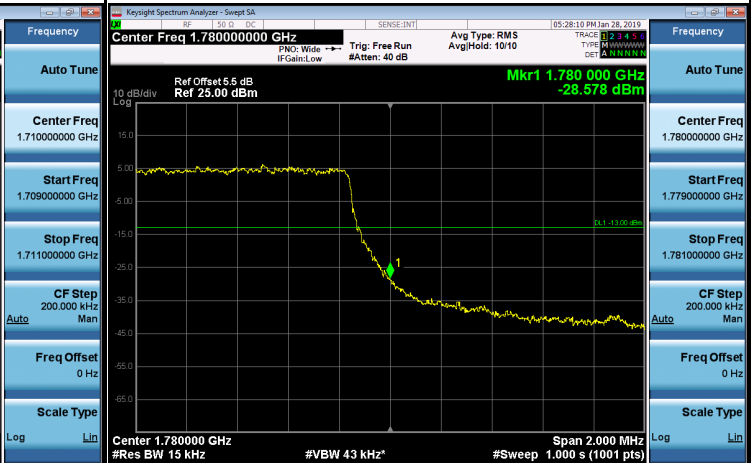
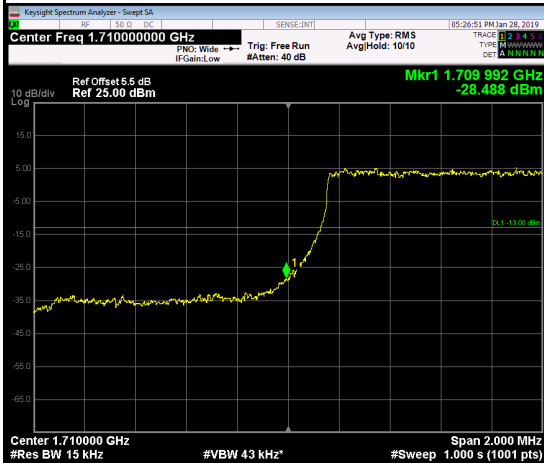
### 6RB0

Channel

19957

Channel

20393



### LTE Band 4\_3M

1RB0

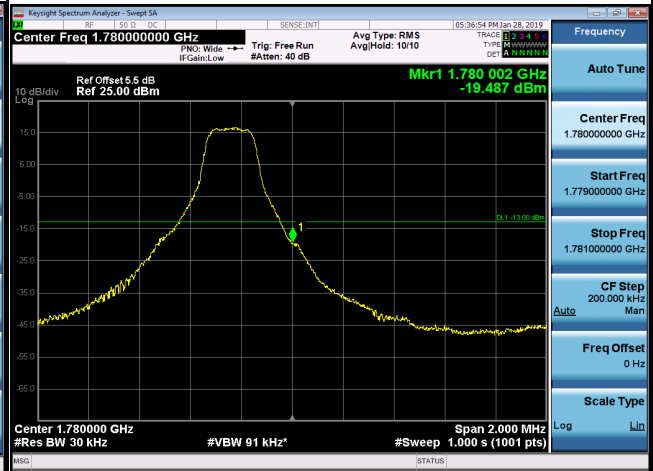
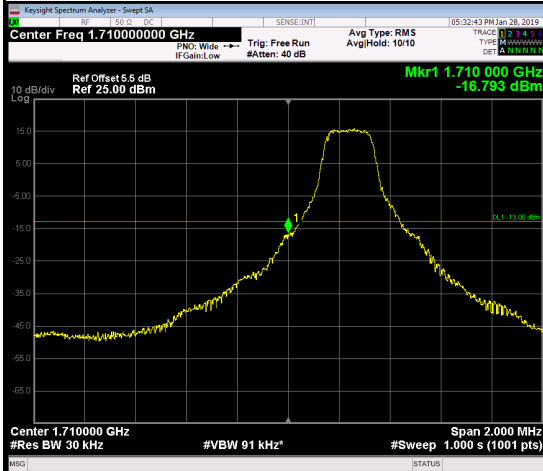
1RB14

Channel

19965

Channel

20385



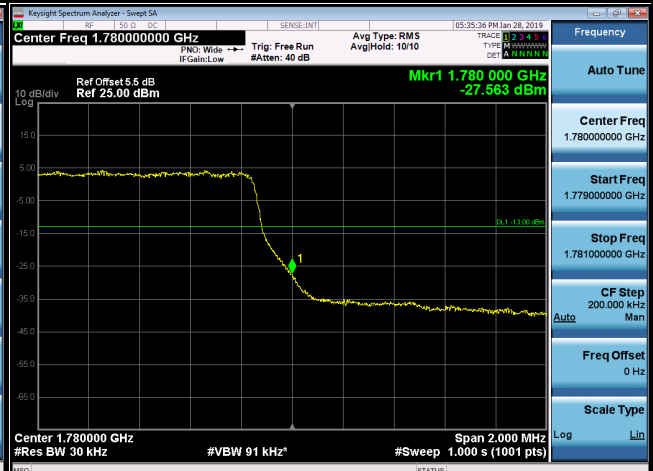
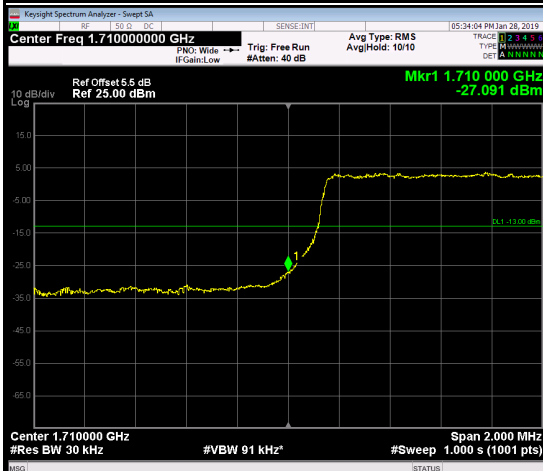
### 15RB0

Channel

19965

Channel

20385



LTE Band 4\_5M

1RB0

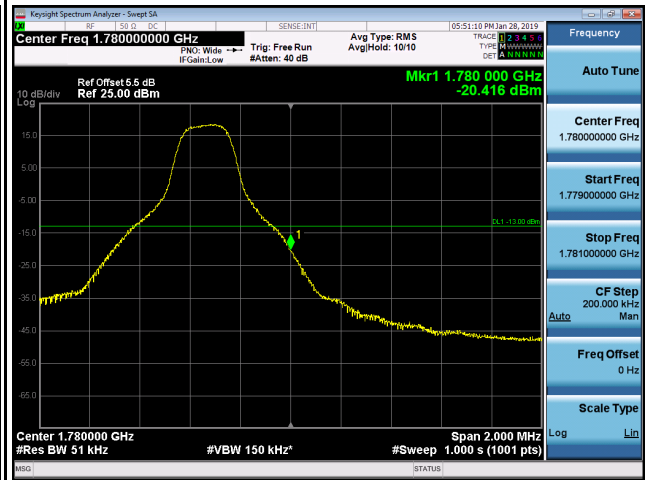
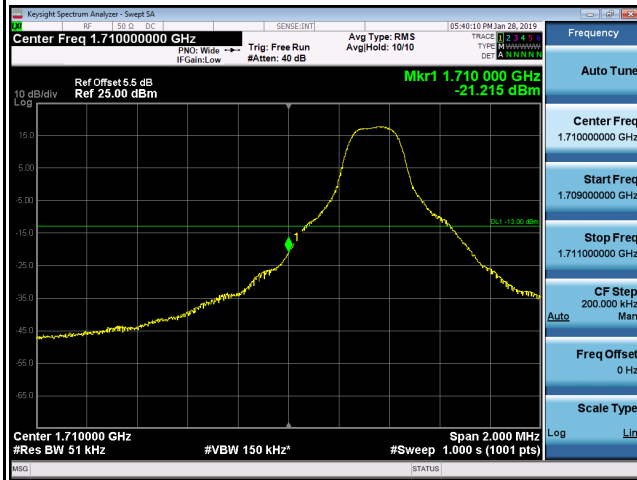
1RB24

Channel

19975

Channel

20375



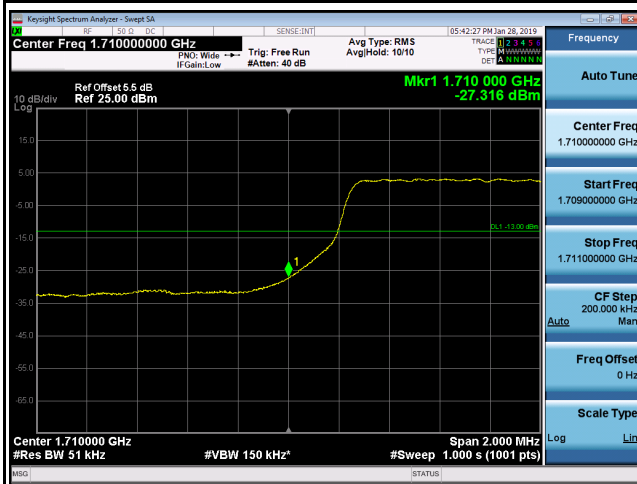
25RB0

Channel

19975

Channel

20375



LTE Band 4\_10M

1RB0

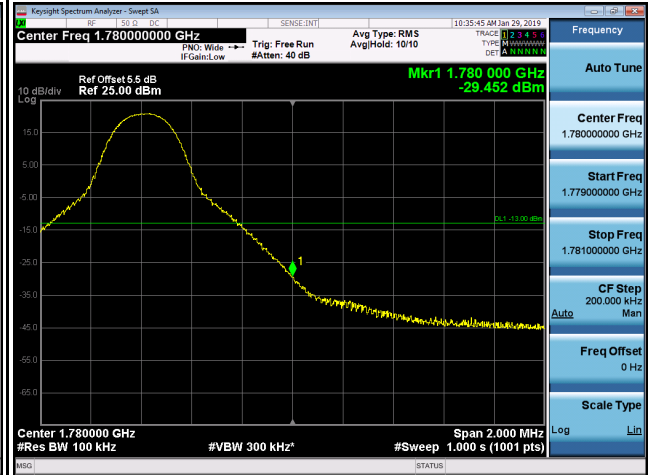
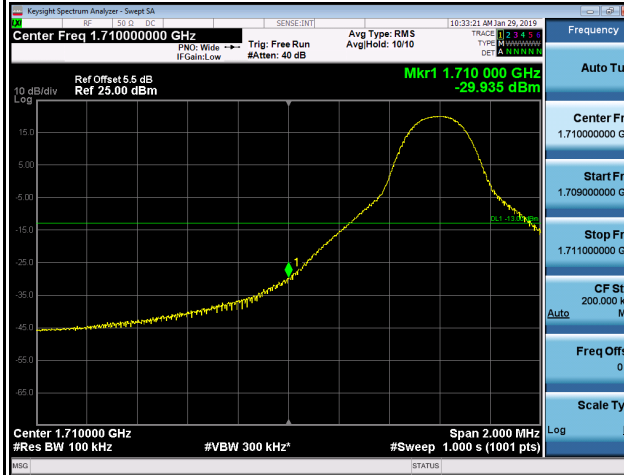
1RB49

Channel

2000

Channel

20350



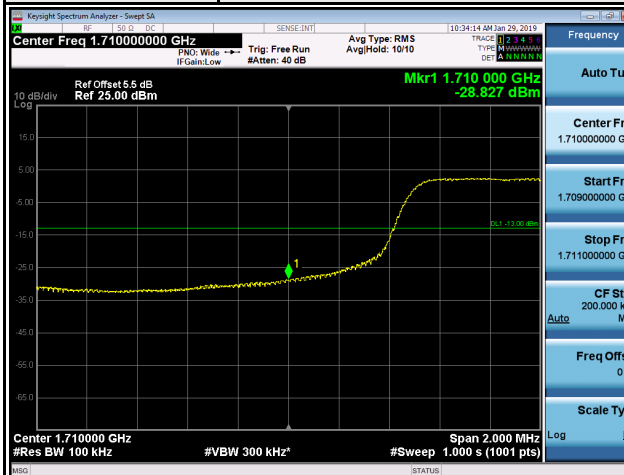
50RB0

Channel

2000

Channel

20350



LTE Band 4\_15M

1RB0

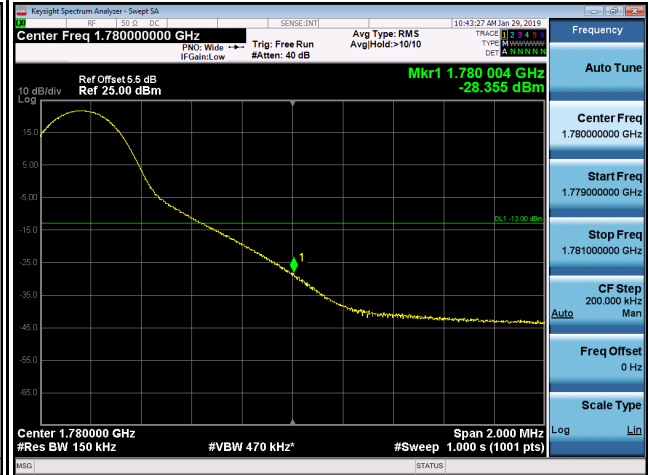
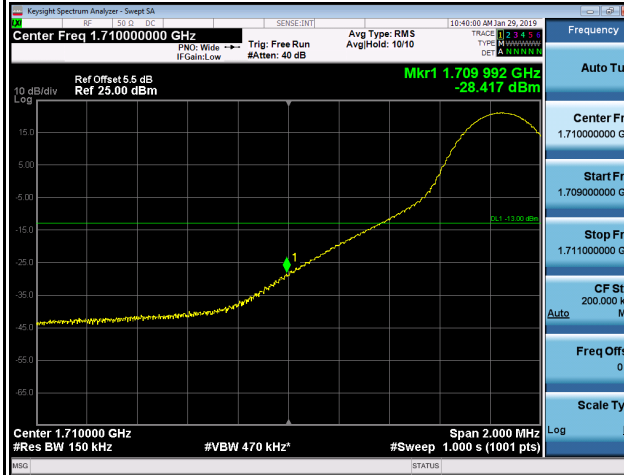
1RB74

Channel

20025

Channel

20325



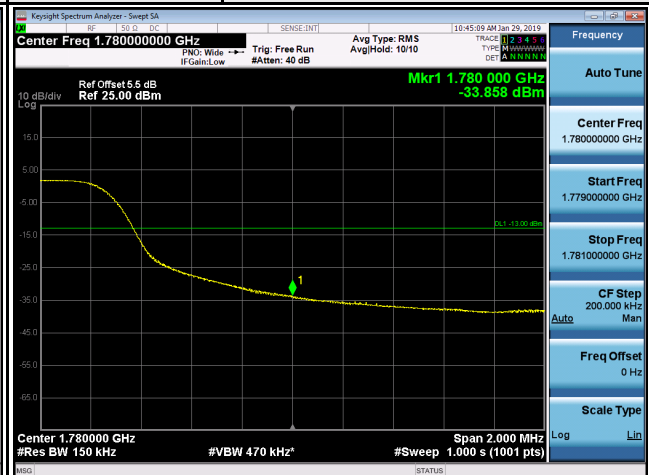
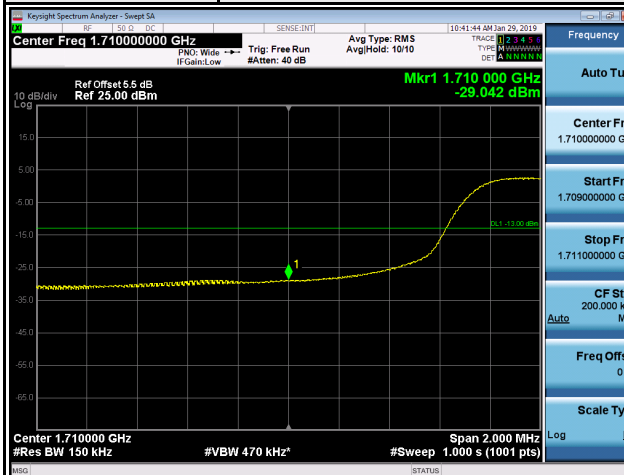
75RB0

Channel

20025

Channel

20325



### LTE Band 4\_20M

1RB0

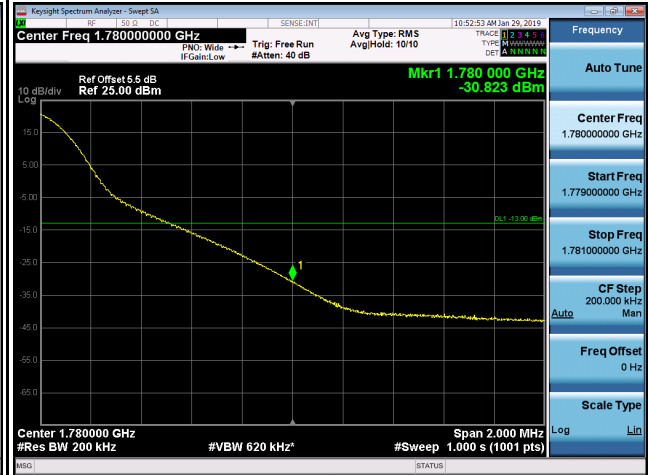
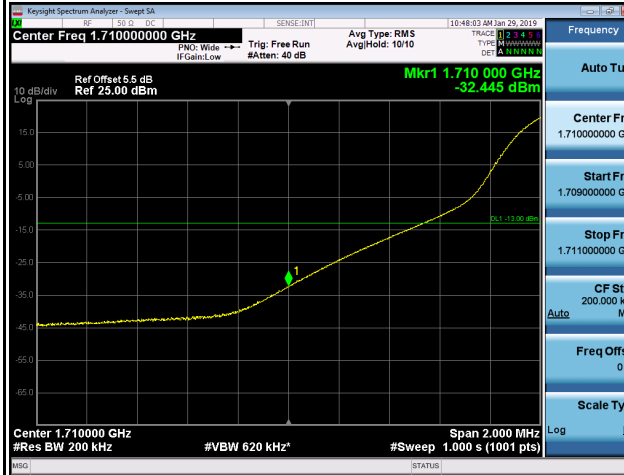
1RB99

Channel

20050

Channel

20300



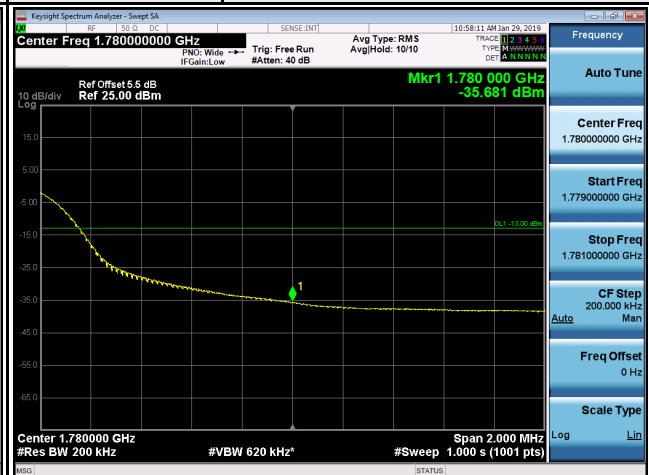
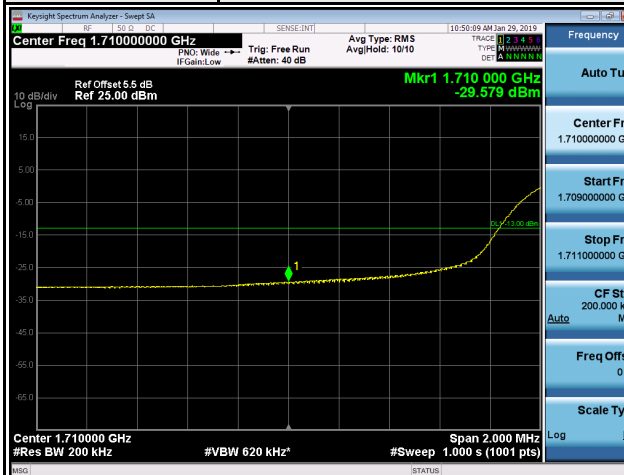
### 100RB0

Channel

20050

Channel

20300



LTE Band 12\_1.4M

1RB0

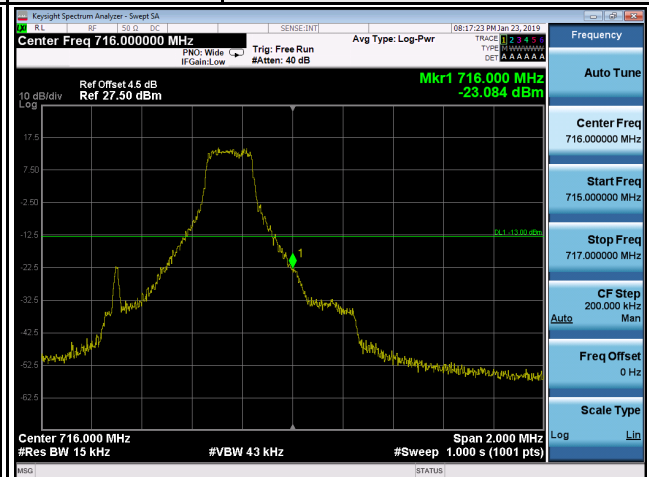
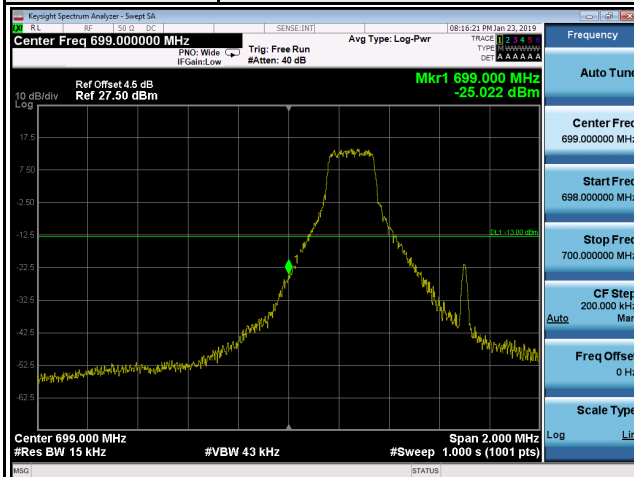
1RB5

Channel

23017

Channel

23173



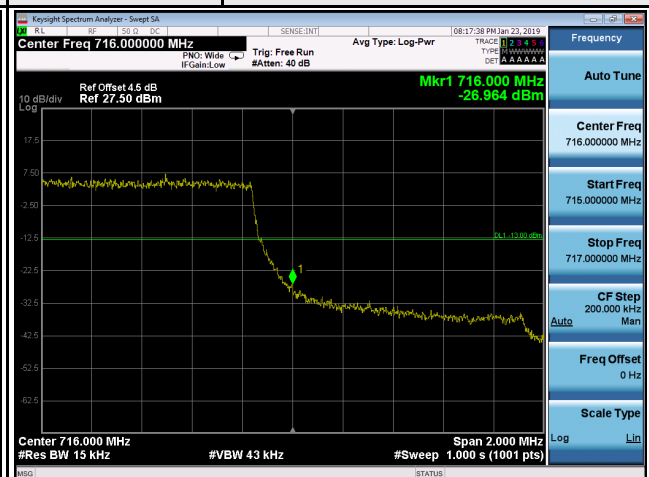
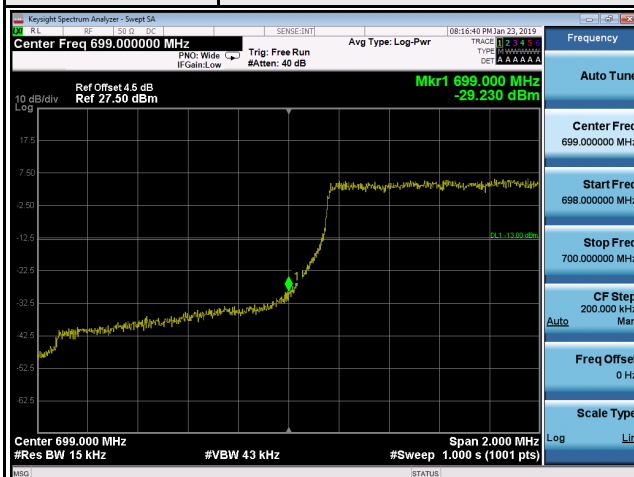
6RB0

Channel

23017

Channel

13173



LTE Band 12\_3M

1RB0

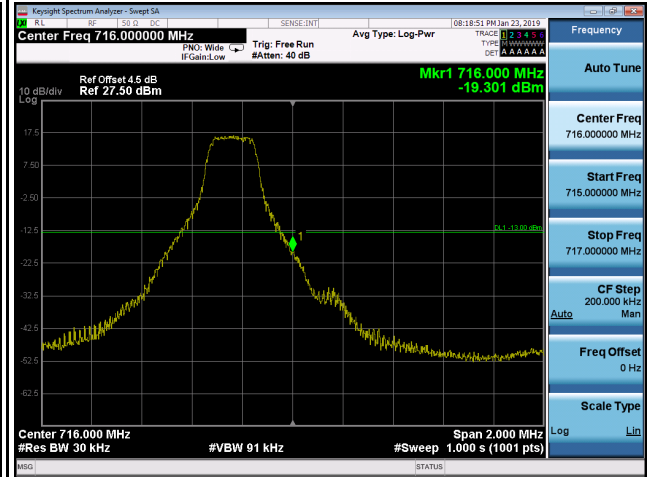
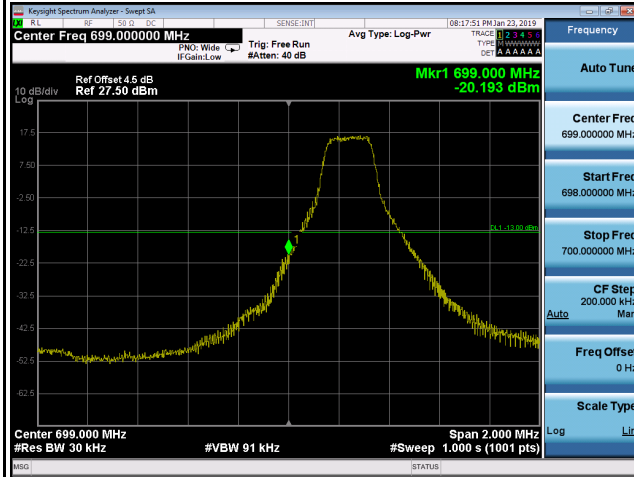
1RB14

Channel

23025

Channel

23165



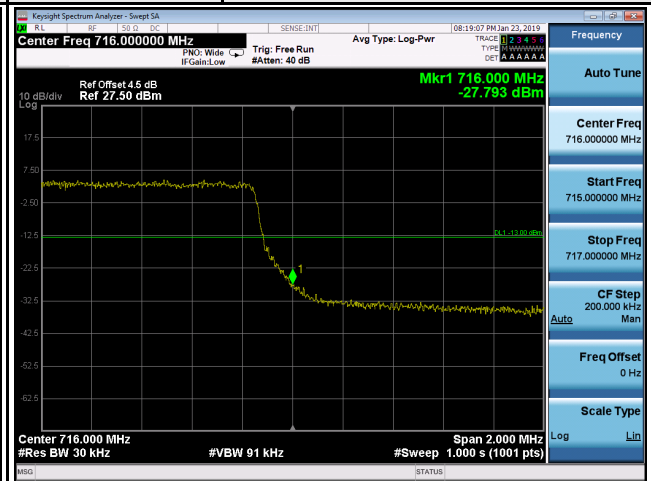
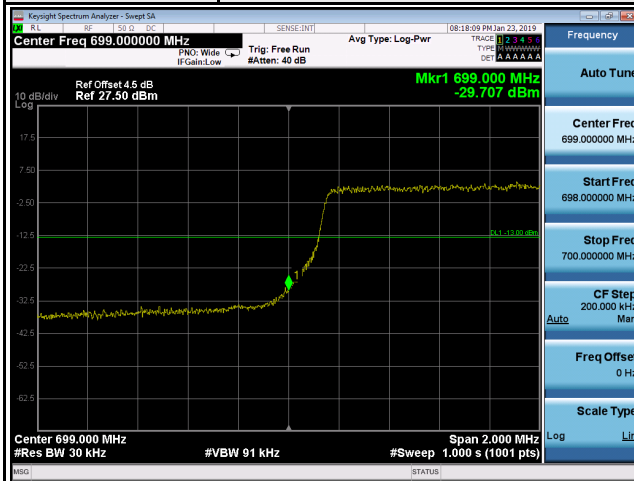
15RB0

Channel

23025

Channel

23165





LTE Band 12\_5M

1RB0

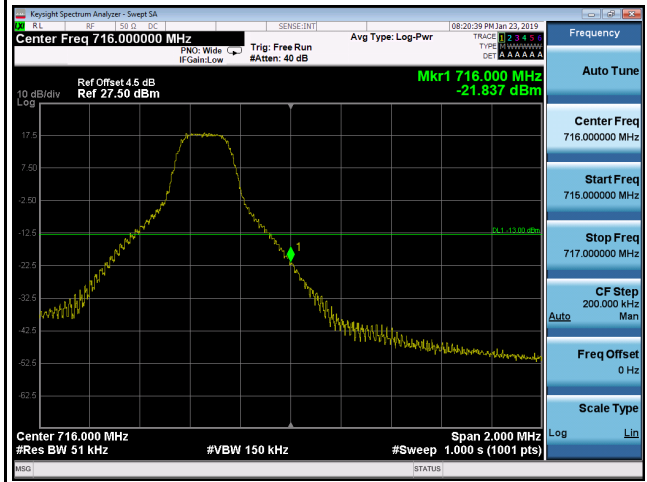
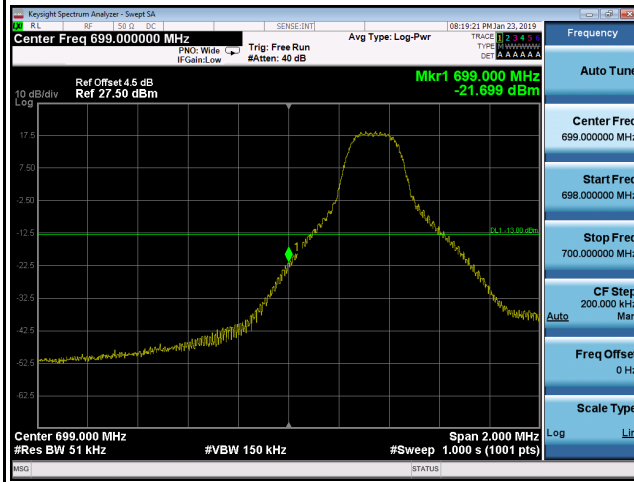
1RB24

Channel

23035

Channel

23155



25RB0

Channel

23035

Channel

23155

