

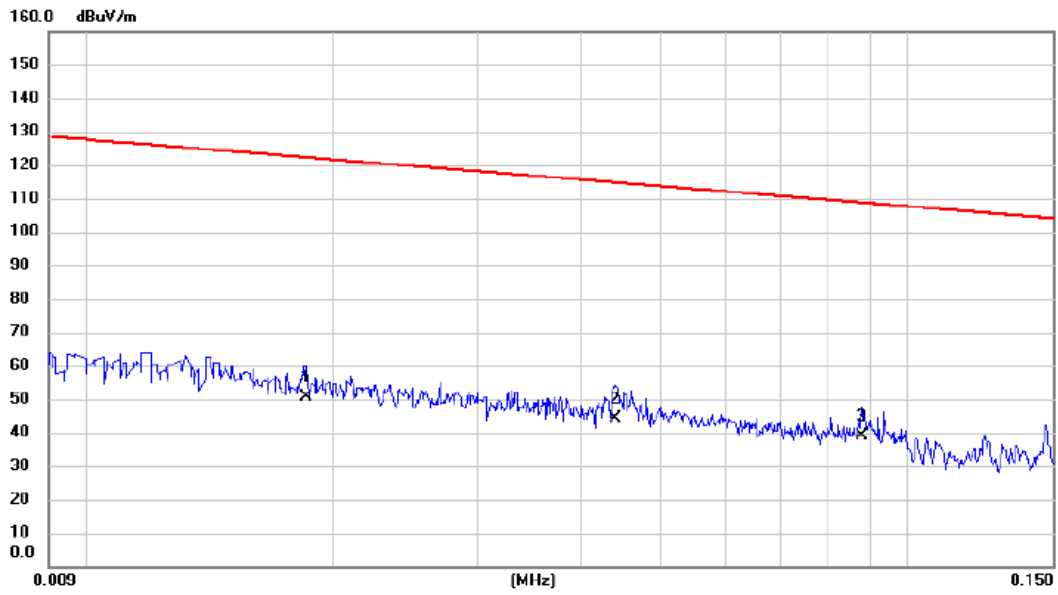
LTE CA_41C_20M+15M Spectrum Plot			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
40546+40717	2585.6+2602.7	40546+40717	2585.6+2602.7
Channel	Frequency(MHz)	-	-
40546+40717	2585.6+2602.7	-	-
		-	

LTE CA_41C_20M+20M Spectrum Plot			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
40521+40719	2583.1+2602.9	40521+40719	2583.1+2602.9
Channel	Frequency(MHz)	-	-
40521+40719	2583.1+2602.9	-	-
		-	

## **APPENDIX D - RADIATED SPURIOUS EMISSIONS (9KHZ TO 30MHZ)**

Test Mode	TX Mode
-----------	---------

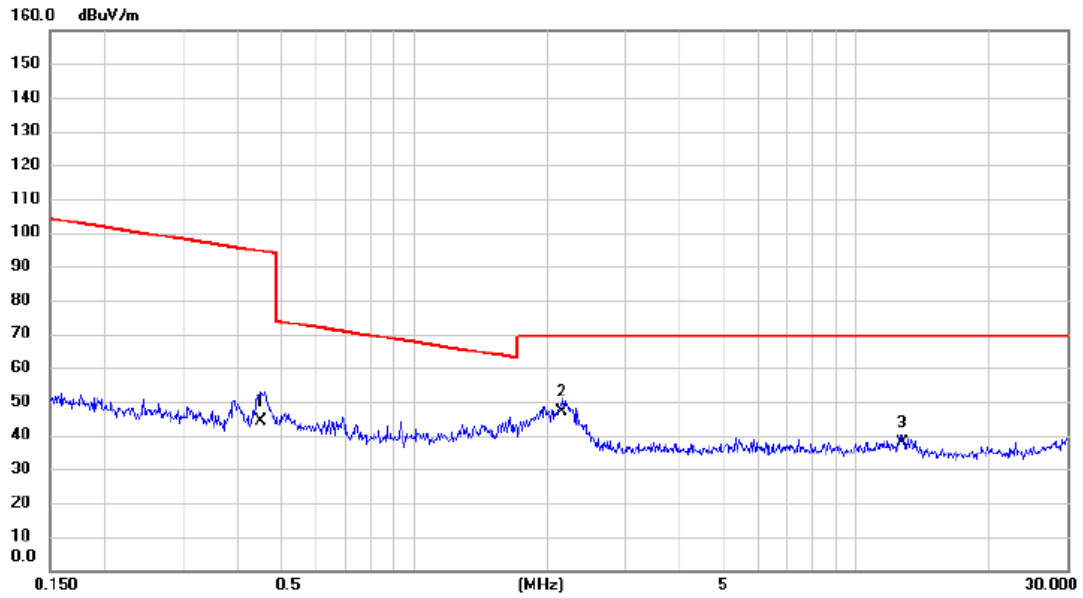
**Ant 0°**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.018	36.20	14.27	50.47	122.26	-71.79	AVG	
2		0.044	30.30	13.91	44.21	114.74	-70.53	AVG	
3	*	0.088	25.30	13.54	38.84	108.73	-69.89	AVG	

Test Mode	TX Mode
-----------	---------

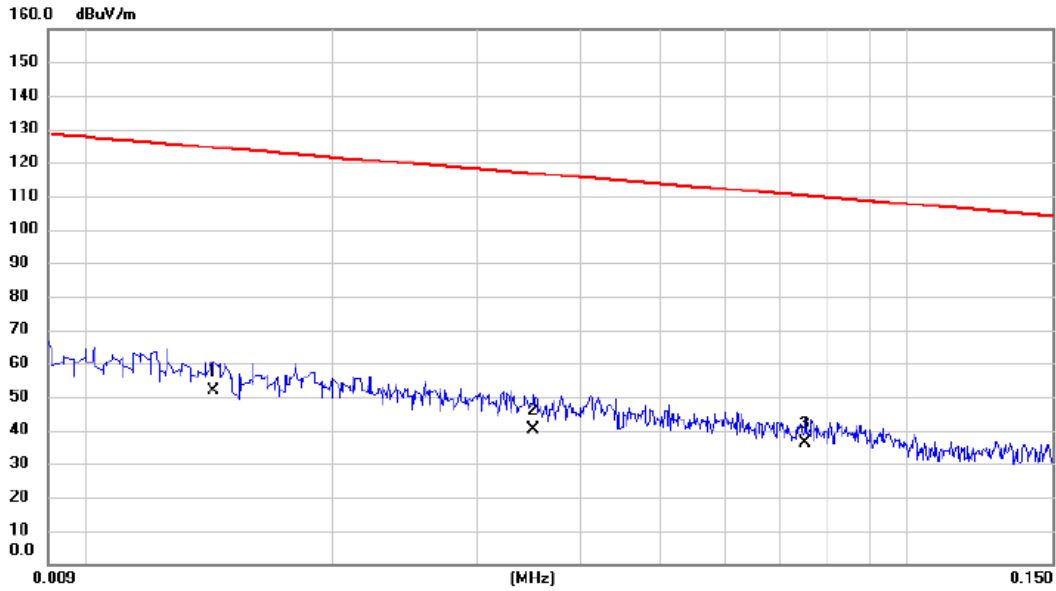
**Ant 0°**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.452	31.20	13.18	44.38	94.51	-50.13	AVG	
2	*	2.167	35.20	11.72	46.92	69.54	-22.62	QP	
3		12.716	26.10	11.60	37.70	69.54	-31.84	QP	

Test Mode	TX Mode
-----------	---------

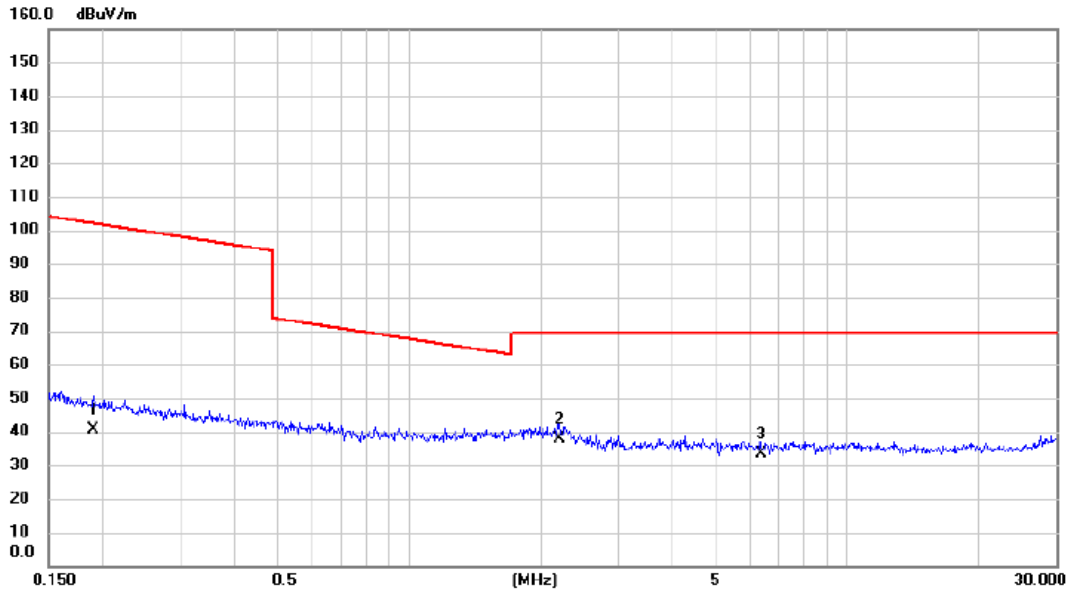
**Ant 90°**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	0.014	36.30	15.53	51.83	124.50	-72.67	AVG	
2		0.035	26.20	13.88	40.08	116.72	-76.64	AVG	
3		0.075	22.50	13.53	36.03	110.08	-74.05	AVG	

Test Mode	TX Mode
-----------	---------

**Ant 90°**



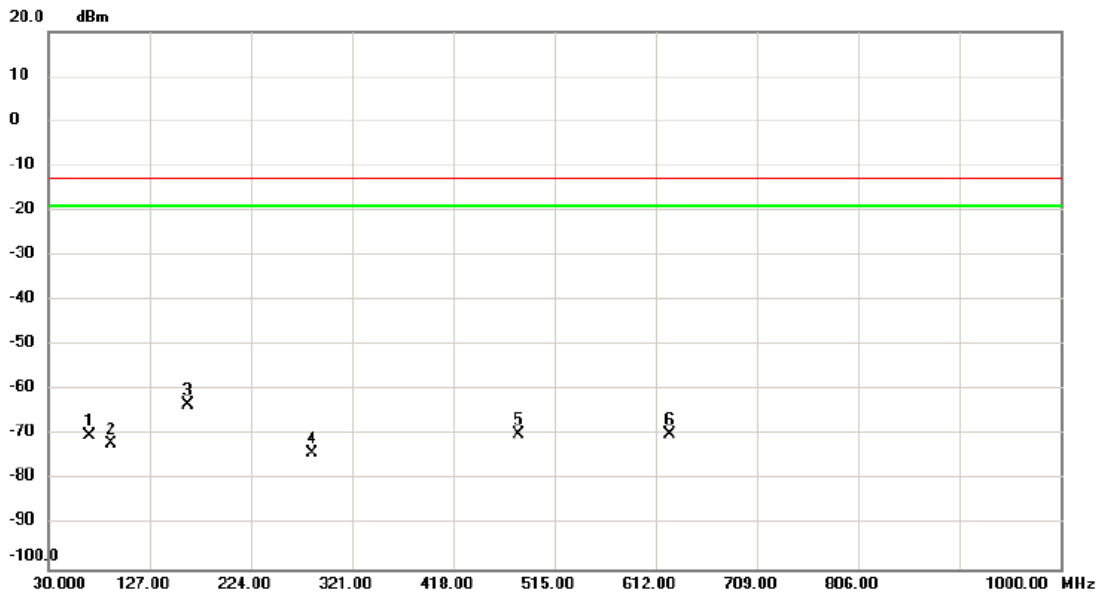
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.190	27.10	13.60	40.70	102.03	-61.33	AVG	
2 *	2.213	26.30	11.69	37.99	69.54	-31.55	QP	
3	6.352	22.20	11.07	33.27	69.54	-36.27	QP	

## **APPENDIX E - RADIATED SPURIOUS EMISSIONS (30MHZ TO 1GHZ)**



Test Mode WCDMA Band IV\_TX CH1413\_Main Antenna

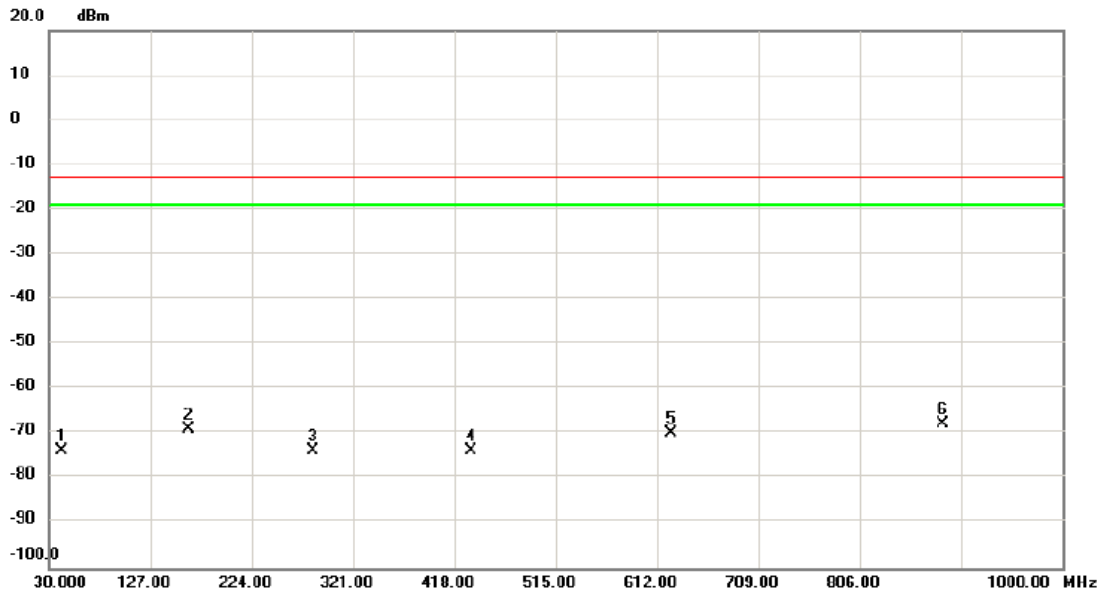
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		68.800	-54.23	-15.96	-70.19	-13.00	-57.19	peak	
2		90.625	-55.93	-15.96	-71.89	-13.00	-58.89	peak	
3	*	163.860	-51.67	-11.54	-63.21	-13.00	-50.21	peak	
4		283.170	-61.54	-12.40	-73.94	-13.00	-60.94	peak	
5		480.080	-61.96	-7.84	-69.80	-13.00	-56.80	peak	
6		625.095	-64.57	-5.20	-69.77	-13.00	-56.77	peak	

Test Mode | WCDMA Band IV\_TX CH1413\_Main Antenna

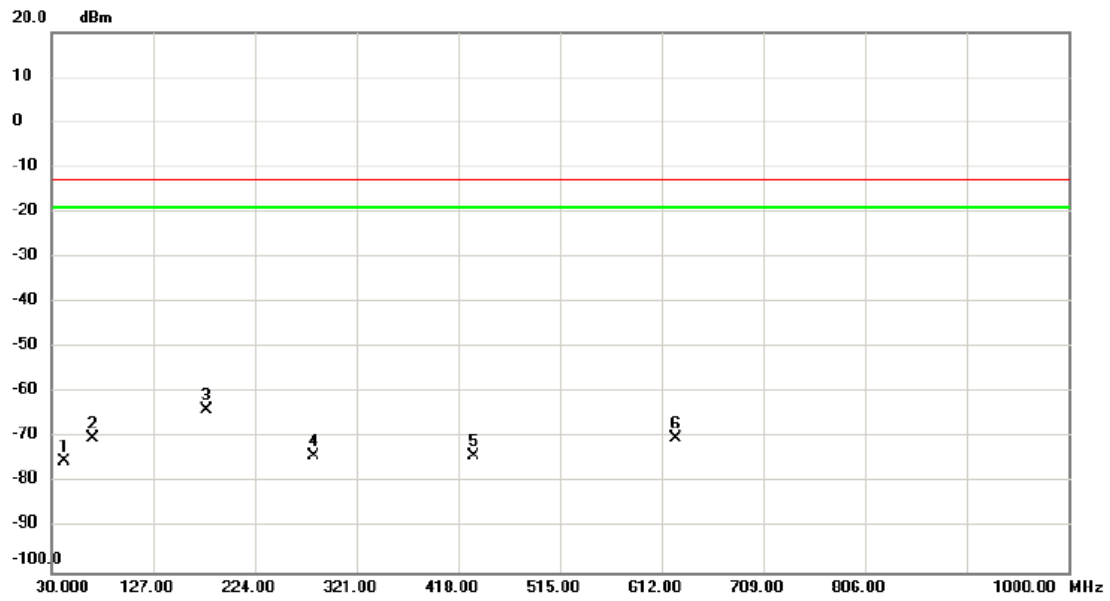
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-59.33	-14.49	-73.82	-13.00	-60.82	peak	
2		164.345	-57.38	-11.61	-68.99	-13.00	-55.99	peak	
3		282.685	-61.41	-12.44	-73.85	-13.00	-60.85	peak	
4		433.520	-65.28	-8.53	-73.81	-13.00	-60.81	peak	
5		625.095	-64.54	-5.20	-69.74	-13.00	-56.74	peak	
6	*	886.025	-65.76	-2.03	-67.79	-13.00	-54.79	peak	

Test Mode WCDMA Band IV\_TX CH1413\_Second Antenna

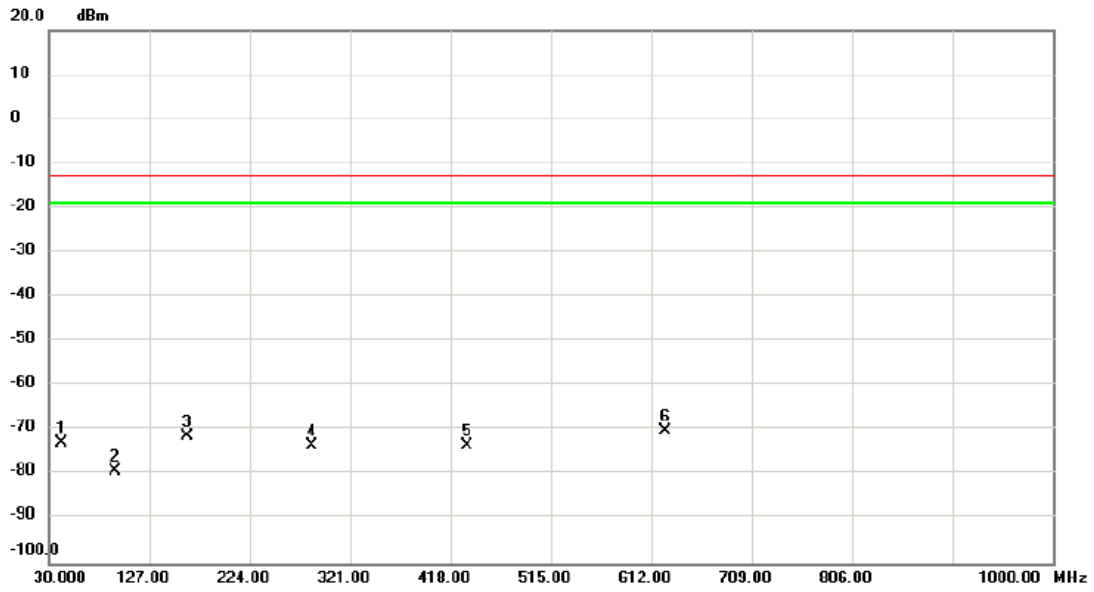
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-60.67	-14.49	-75.16	-13.00	-62.16	peak	
2		69.285	-54.03	-16.06	-70.09	-13.00	-57.09	peak	
3	*	178.410	-50.87	-13.02	-63.89	-13.00	-50.89	peak	
4		280.745	-61.52	-12.57	-74.09	-13.00	-61.09	peak	
5		433.035	-65.45	-8.55	-74.00	-13.00	-61.00	peak	
6		625.095	-65.00	-5.20	-70.20	-13.00	-57.20	peak	

Test Mode | WCDMA Band IV\_TX CH1413\_Second Antenna

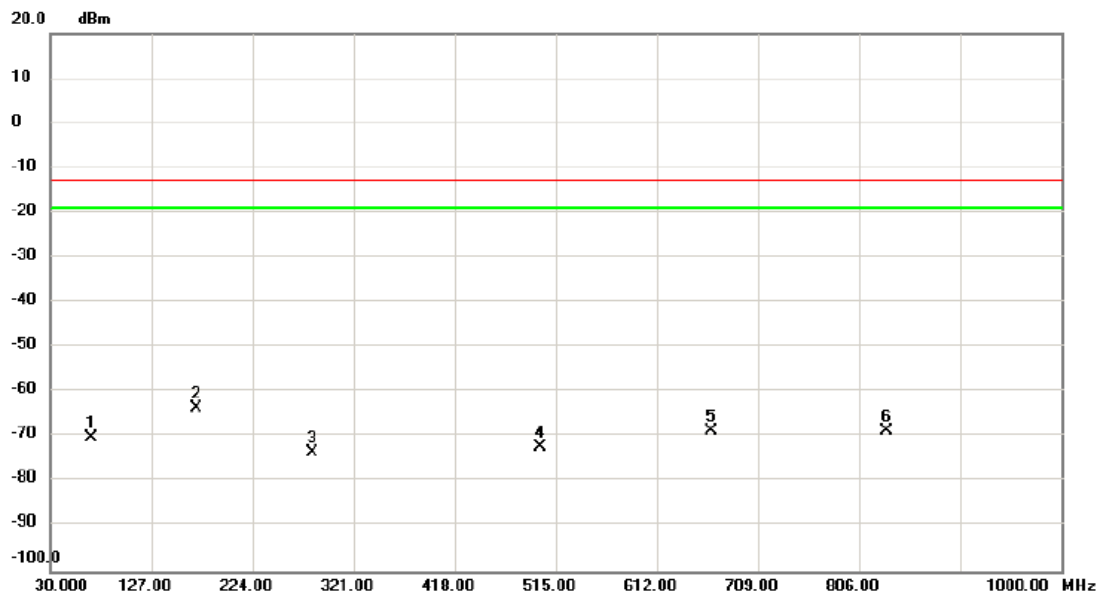
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-58.23	-14.49	-72.72	-13.00	-59.72	peak	
2		94.020	-63.46	-15.66	-79.12	-13.00	-66.12	peak	
3		163.860	-59.67	-11.54	-71.21	-13.00	-58.21	peak	
4		284.140	-61.04	-12.33	-73.37	-13.00	-60.37	peak	
5		433.520	-64.86	-8.53	-73.39	-13.00	-60.39	peak	
6	*	625.095	-65.01	-5.20	-70.21	-13.00	-57.21	peak	

Test Mode | LTE Band 4\_TX CH20175\_1.4M\_Main Antenna

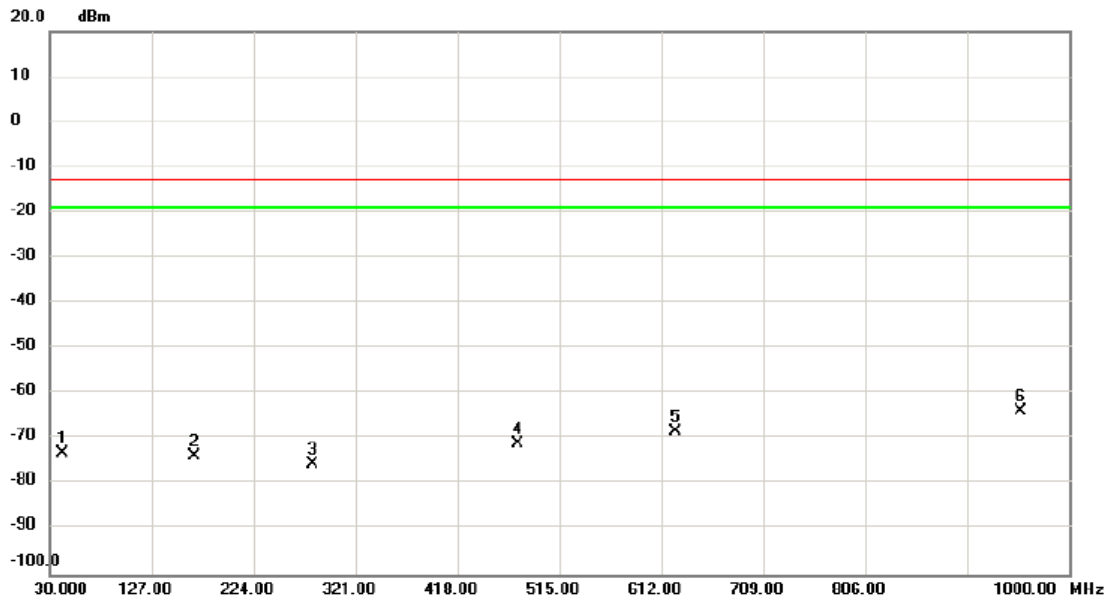
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		68.800	-54.08	-15.96	-70.04	-13.00	-57.04	peak	
2	*	170.165	-51.02	-12.42	-63.44	-13.00	-50.44	peak	
3		281.715	-60.95	-12.50	-73.45	-13.00	-60.45	peak	
4		499.965	-64.50	-7.68	-72.18	-13.00	-59.18	peak	
5		663.895	-64.03	-4.49	-68.52	-13.00	-55.52	peak	
6		832.675	-66.02	-2.58	-68.60	-13.00	-55.60	peak	

Test Mode | LTE Band 4\_TX CH20175\_1.4M\_Main Antenna

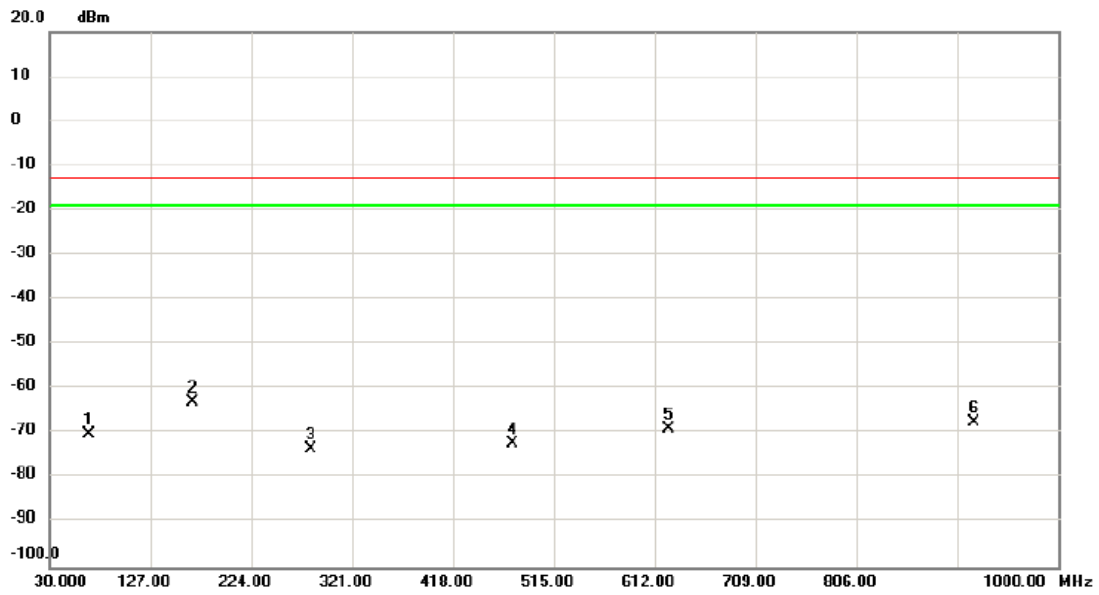
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-58.73	-14.49	-73.22	-13.00	-60.22	peak	
2		167.740	-61.68	-12.10	-73.78	-13.00	-60.78	peak	
3		279.775	-63.03	-12.62	-75.65	-13.00	-62.65	peak	
4		475.230	-63.23	-7.88	-71.11	-13.00	-58.11	peak	
5		625.095	-63.04	-5.20	-68.24	-13.00	-55.24	peak	
6	*	953.925	-63.17	-0.72	-63.89	-13.00	-50.89	peak	

Test Mode | LTE Band 4\_TX CH20175\_5M\_Main Antenna

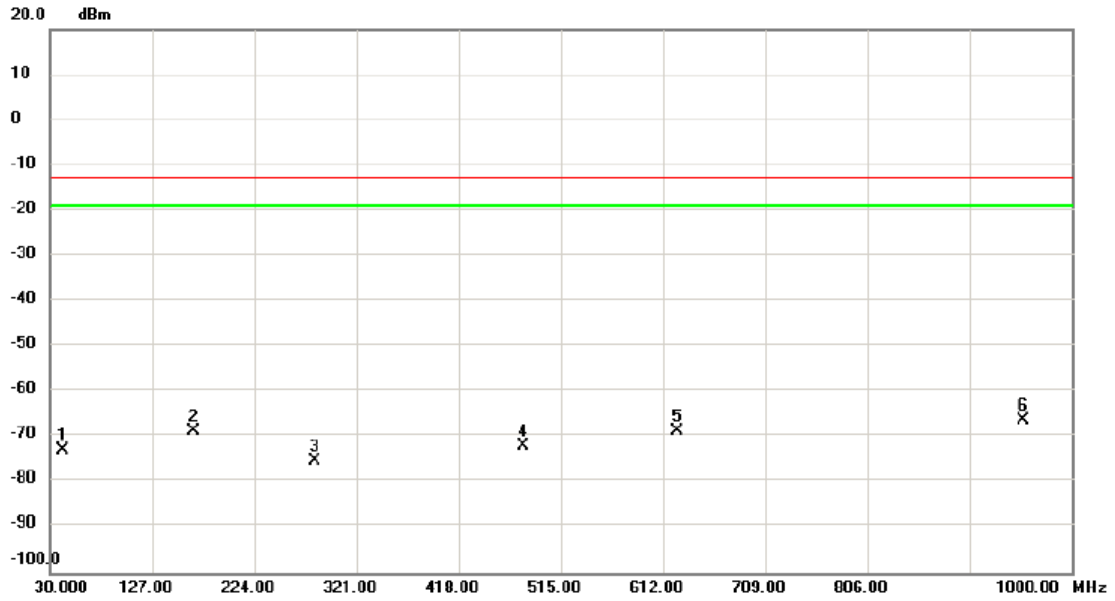
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		68.315	-54.30	-15.87	-70.17	-13.00	-57.17	peak	
2	*	168.225	-50.77	-12.17	-62.94	-13.00	-49.94	peak	
3		281.715	-61.01	-12.50	-73.51	-13.00	-60.51	peak	
4		475.230	-64.40	-7.88	-72.28	-13.00	-59.28	peak	
5		625.095	-63.77	-5.20	-68.97	-13.00	-55.97	peak	
6		919.005	-66.10	-1.49	-67.59	-13.00	-54.59	peak	

Test Mode | LTE Band 4\_TX CH20175\_5M\_Main Antenna

### Horizontal

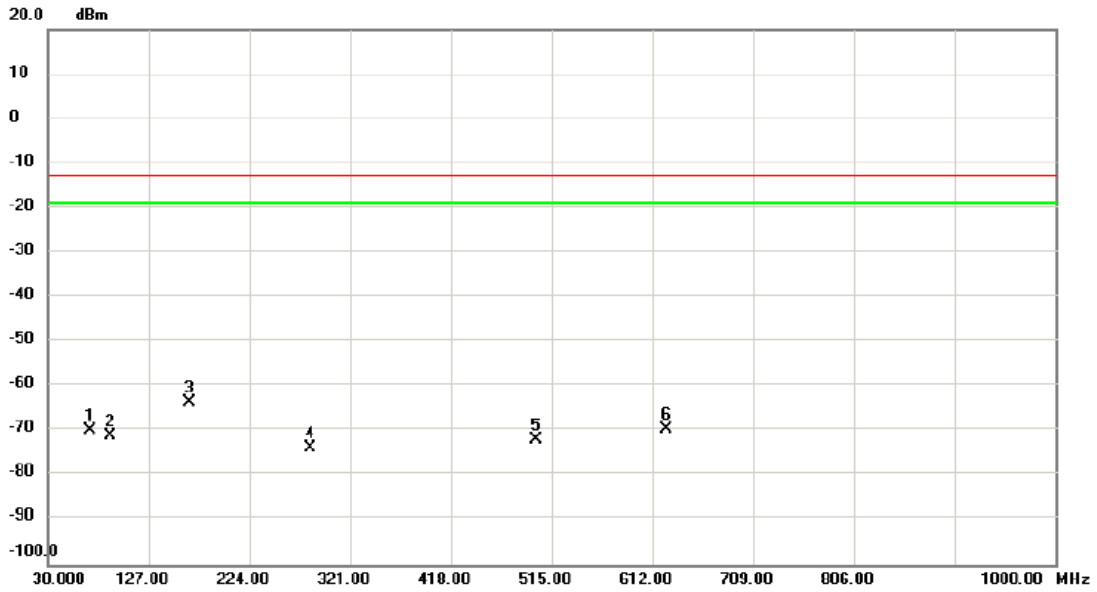


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-58.42	-14.49	-72.91	-13.00	-59.91	peak	
2		166.285	-56.65	-11.89	-68.54	-13.00	-55.54	peak	
3		281.230	-62.75	-12.53	-75.28	-13.00	-62.28	peak	
4		479.595	-64.18	-7.84	-72.02	-13.00	-59.02	peak	
5		625.095	-63.37	-5.20	-68.57	-13.00	-55.57	peak	
6	*	953.925	-65.42	-0.72	-66.14	-13.00	-53.14	peak	



Test Mode | LTE Band 4\_TX CH20175\_20M\_Main Antenna

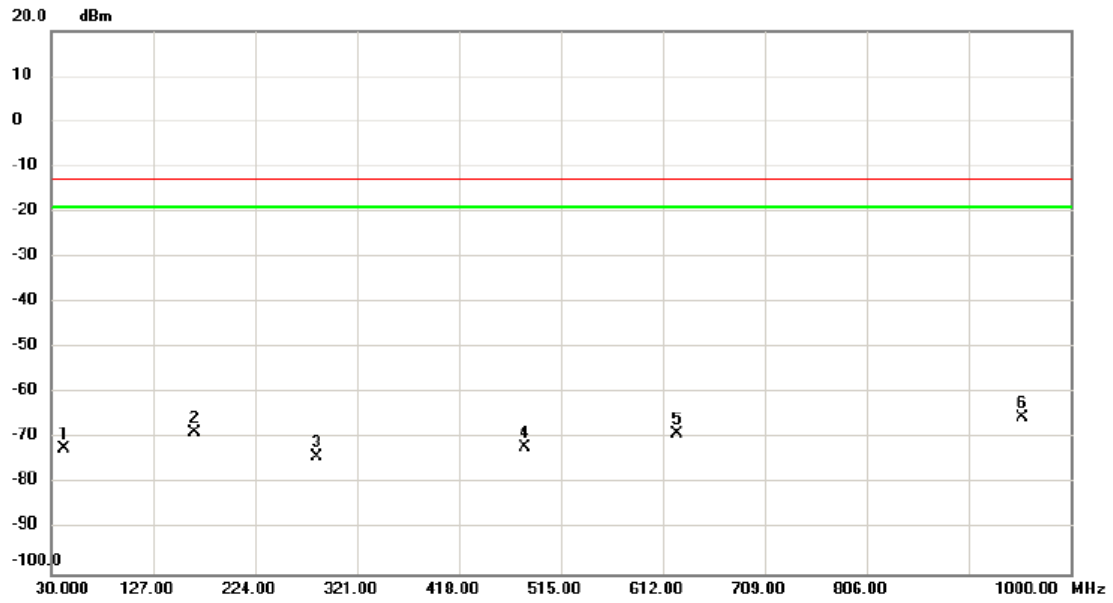
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		70.255	-53.59	-16.26	-69.85	-13.00	-56.85	peak	
2		90.625	-54.94	-15.96	-70.90	-13.00	-57.90	peak	
3	*	166.770	-51.54	-11.97	-63.51	-13.00	-50.51	peak	
4		282.200	-61.38	-12.47	-73.85	-13.00	-60.85	peak	
5		499.965	-64.13	-7.68	-71.81	-13.00	-58.81	peak	
6		625.095	-64.40	-5.20	-69.60	-13.00	-56.60	peak	

Test Mode | LTE Band 4\_TX CH20175\_20M\_Main Antenna

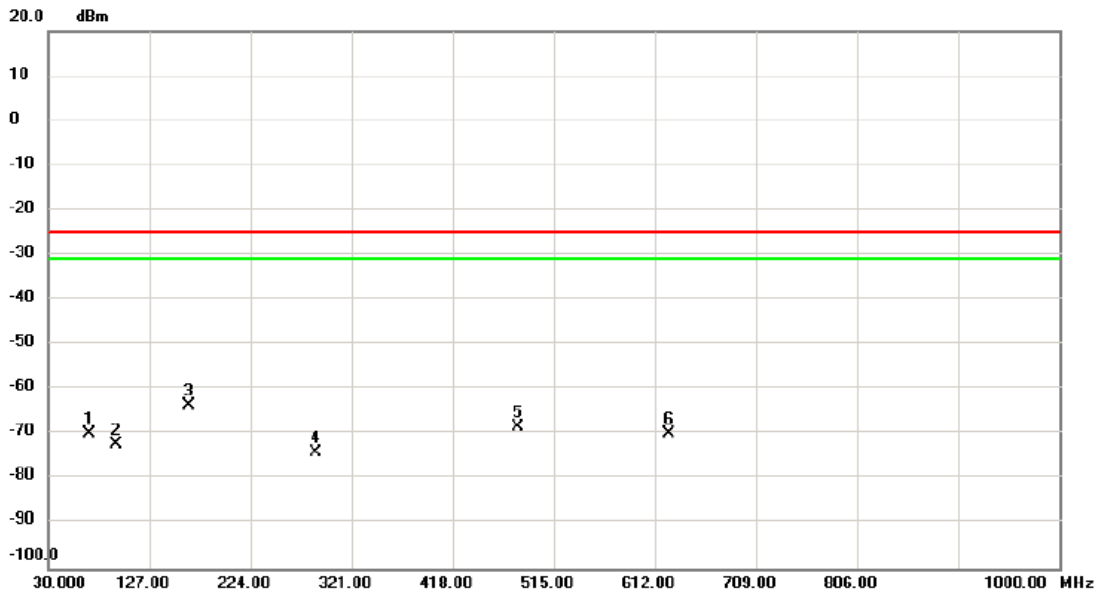
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-57.75	-14.49	-72.24	-13.00	-59.24	peak	
2		166.285	-56.79	-11.89	-68.68	-13.00	-55.68	peak	
3		283.170	-61.75	-12.40	-74.15	-13.00	-61.15	peak	
4		480.080	-64.04	-7.84	-71.88	-13.00	-58.88	peak	
5		625.095	-63.66	-5.20	-68.86	-13.00	-55.86	peak	
6	*	953.925	-64.75	-0.72	-65.47	-13.00	-52.47	peak	

Test Mode | LTE Band 7\_TX CH21100\_5M\_Main Antenna

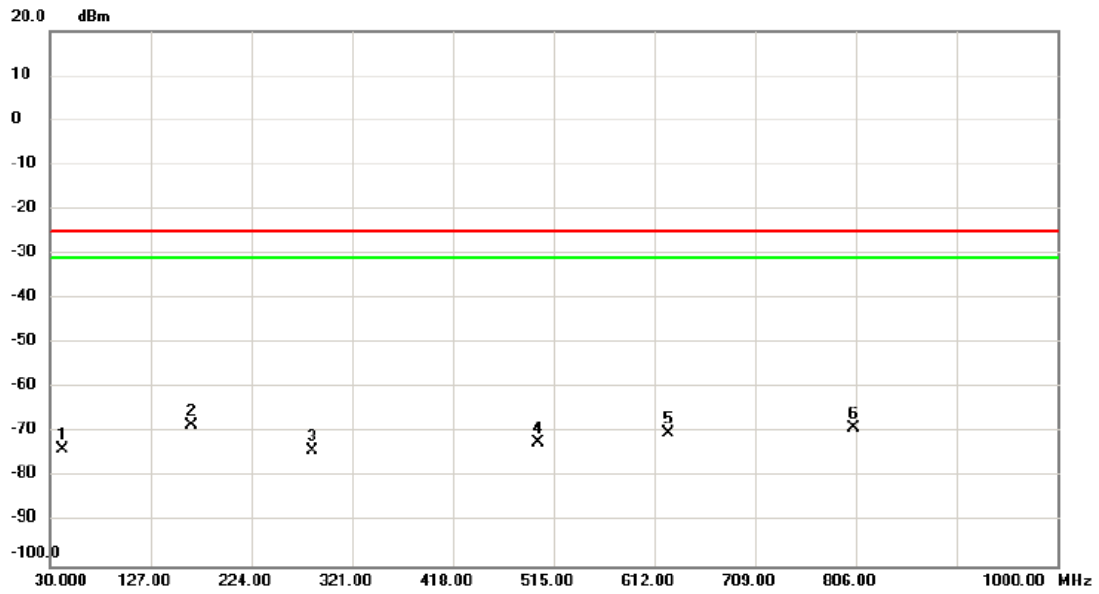
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		69.285	-53.81	-16.06	-69.87	-25.00	-44.87	peak	
2		95.475	-56.62	-15.54	-72.16	-25.00	-47.16	peak	
3	*	164.830	-51.75	-11.68	-63.43	-25.00	-38.43	peak	
4		286.080	-61.96	-12.21	-74.17	-25.00	-49.17	peak	
5		480.080	-60.44	-7.84	-68.28	-25.00	-43.28	peak	
6		625.095	-64.57	-5.20	-69.77	-25.00	-44.77	peak	

Test Mode | LTE Band 7\_TX CH21100\_5M\_Main Antenna

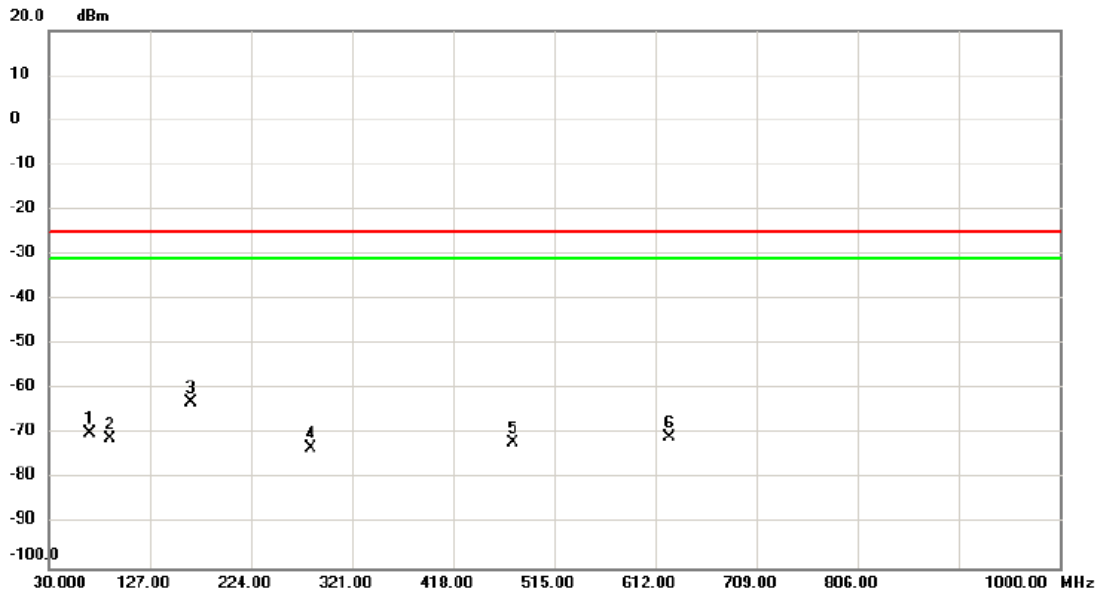
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-59.29	-14.49	-73.78	-25.00	-48.78	peak	
2	*	166.285	-56.36	-11.89	-68.25	-25.00	-43.25	peak	
3		283.170	-61.72	-12.40	-74.12	-25.00	-49.12	peak	
4		499.965	-64.45	-7.68	-72.13	-25.00	-47.13	peak	
5		625.095	-64.93	-5.20	-70.13	-25.00	-45.13	peak	
6		804.060	-66.07	-2.95	-69.02	-25.00	-44.02	peak	

Test Mode | LTE Band 7\_TX CH21100\_20M\_Main Antenna

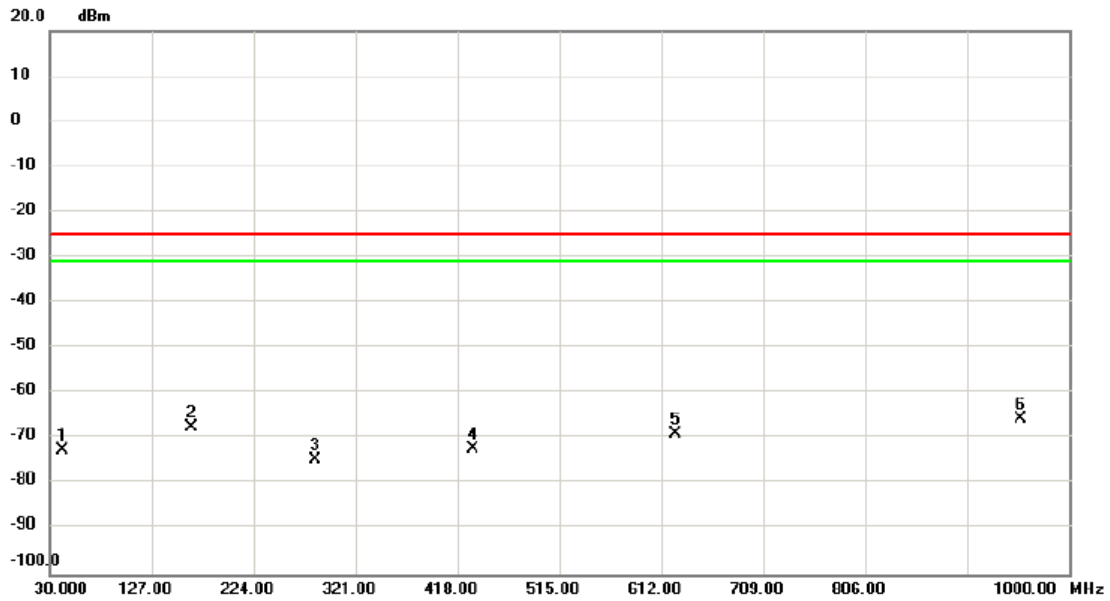
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		68.800	-53.83	-15.96	-69.79	-25.00	-44.79	peak	
2		89.170	-54.99	-16.20	-71.19	-25.00	-46.19	peak	
3	*	165.800	-51.17	-11.82	-62.99	-25.00	-37.99	peak	
4		281.715	-60.68	-12.50	-73.18	-25.00	-48.18	peak	
5		475.230	-64.07	-7.88	-71.95	-25.00	-46.95	peak	
6		625.095	-65.53	-5.20	-70.73	-25.00	-45.73	peak	

Test Mode | LTE Band 7\_TX CH21100\_20M\_Main Antenna

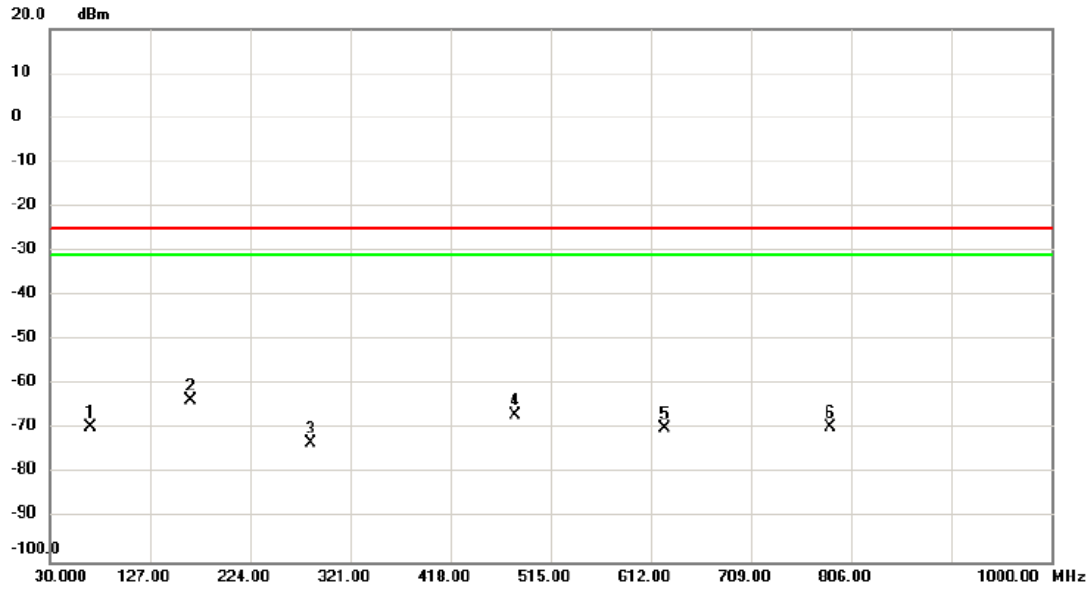
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	42.610	-57.92	-14.49	-72.41	-25.00	-47.41	peak	
2	165.315	-55.67	-11.76	-67.43	-25.00	-42.43	peak	
3	282.200	-62.25	-12.47	-74.72	-25.00	-49.72	peak	
4	433.035	-63.76	-8.55	-72.31	-25.00	-47.31	peak	
5	625.095	-63.80	-5.20	-69.00	-25.00	-44.00	peak	
6 *	953.925	-65.06	-0.72	-65.78	-25.00	-40.78	peak	

Test Mode | LTE Band 38\_TX CH38000\_5M\_Main Antenna

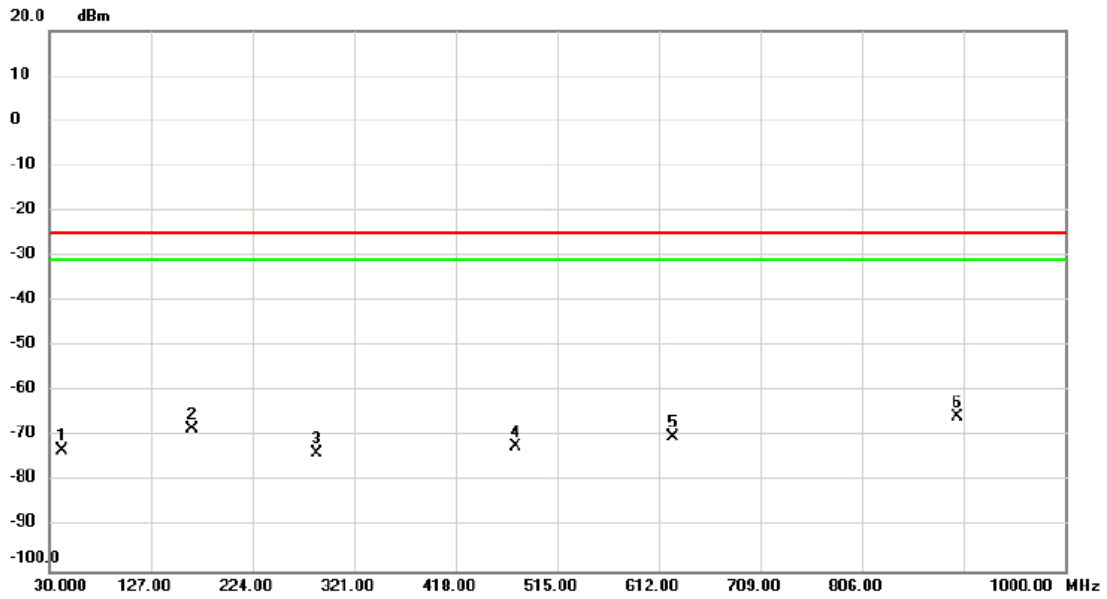
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	69.770	-53.41	-16.16	-69.57	-25.00	-44.57	peak	
2 *	166.285	-51.73	-11.89	-63.62	-25.00	-38.62	peak	
3	282.200	-60.81	-12.47	-73.28	-25.00	-48.28	peak	
4	480.080	-59.12	-7.84	-66.96	-25.00	-41.96	peak	
5	625.095	-64.60	-5.20	-69.80	-25.00	-44.80	peak	
6	785.630	-66.26	-3.18	-69.44	-25.00	-44.44	peak	

Test Mode | LTE Band 38\_TX CH38000\_5M\_Main Antenna

### Horizontal

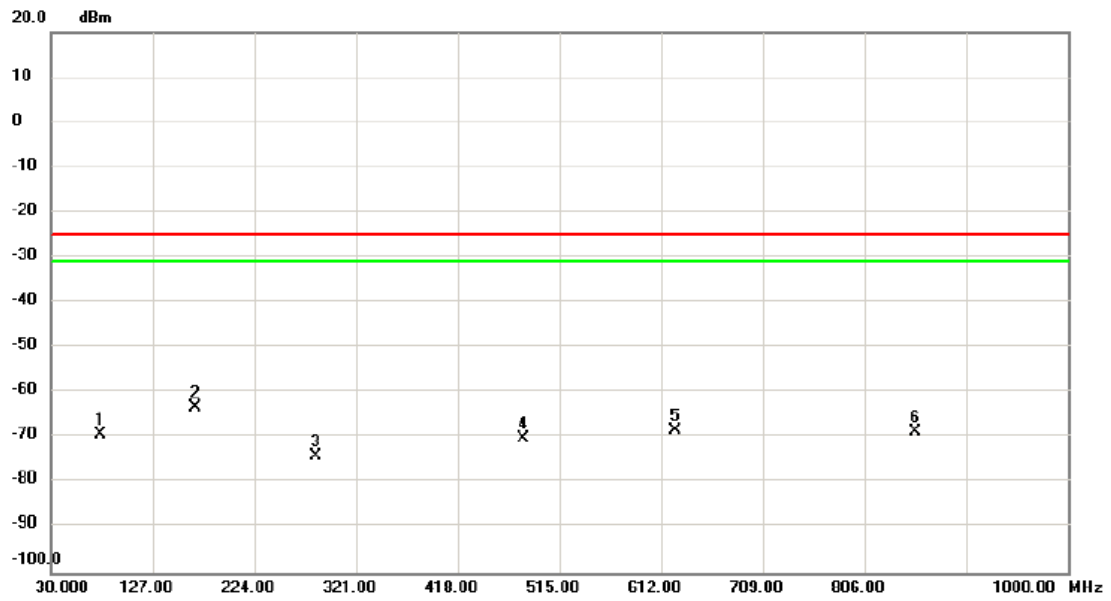


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	42.610	-58.79	-14.49	-73.28	-25.00	-48.28	peak	
2	166.285	-56.50	-11.89	-68.39	-25.00	-43.39	peak	
3	285.595	-61.66	-12.23	-73.89	-25.00	-48.89	peak	
4	475.230	-64.23	-7.88	-72.11	-25.00	-47.11	peak	
5	625.095	-64.81	-5.20	-70.01	-25.00	-45.01	peak	
6 *	896.695	-63.61	-1.95	-65.56	-25.00	-40.56	peak	



Test Mode | LTE Band 38\_TX CH38000\_20M\_Main Antenna

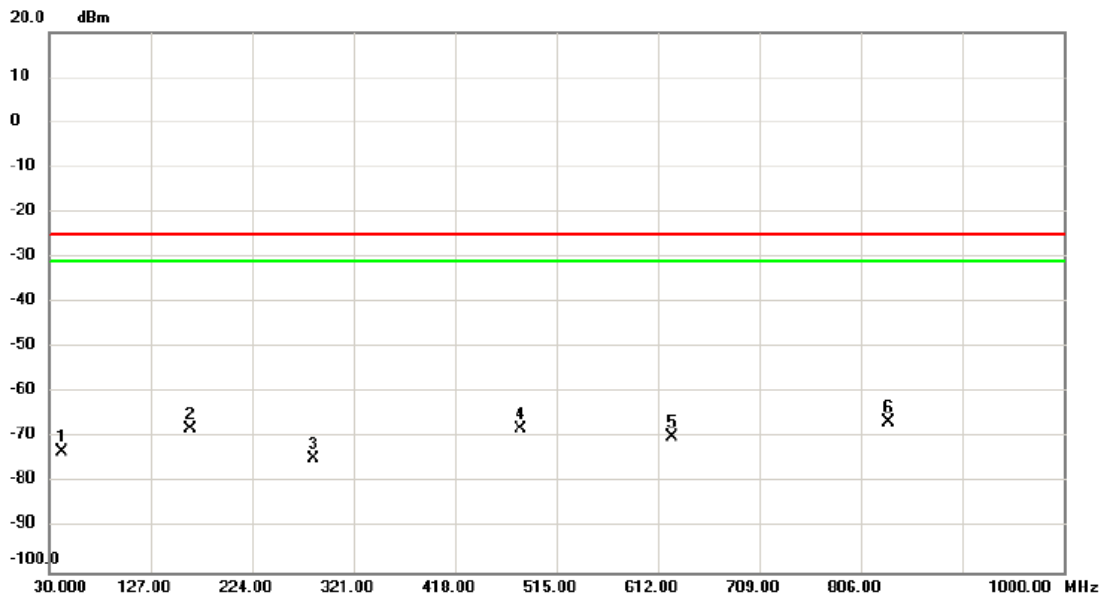
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		77.530	-51.76	-17.60	-69.36	-25.00	-44.36	peak	
2	*	167.255	-51.31	-12.03	-63.34	-25.00	-38.34	peak	
3		283.170	-61.57	-12.40	-73.97	-25.00	-48.97	peak	
4		480.080	-62.43	-7.84	-70.27	-25.00	-45.27	peak	
5		625.095	-63.28	-5.20	-68.48	-25.00	-43.48	peak	
6		854.985	-66.34	-2.31	-68.65	-25.00	-43.65	peak	

Test Mode | LTE Band 38\_TX CH38000\_20M\_Main Antenna

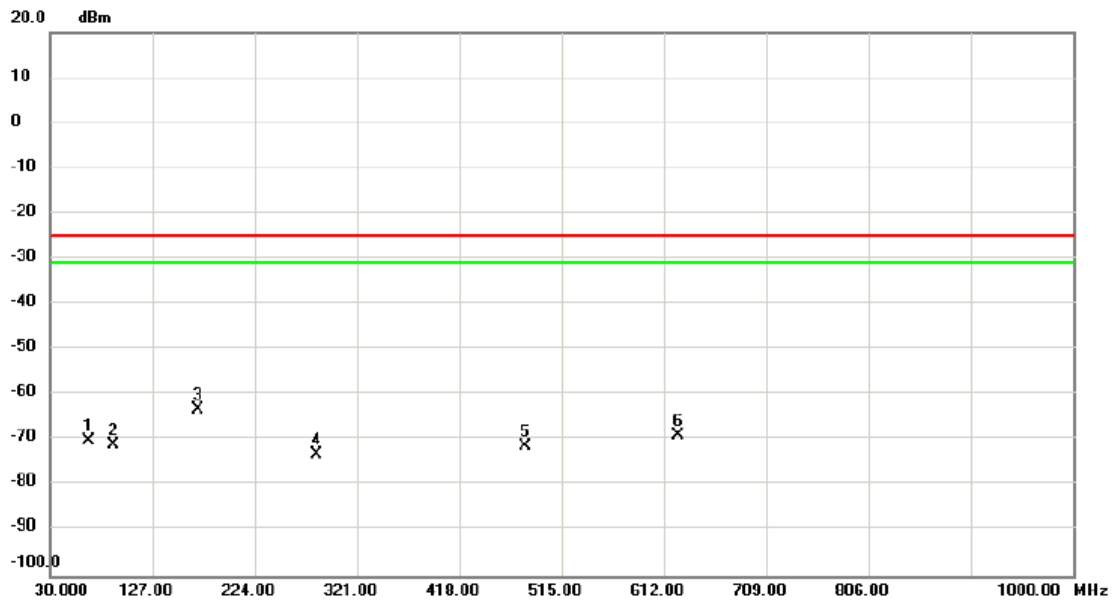
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	42.610	-58.55	-14.49	-73.04	-25.00	-48.04	peak	
2	165.315	-56.14	-11.76	-67.90	-25.00	-42.90	peak	
3	283.170	-62.11	-12.40	-74.51	-25.00	-49.51	peak	
4	480.080	-60.33	-7.84	-68.17	-25.00	-43.17	peak	
5	625.095	-64.55	-5.20	-69.75	-25.00	-44.75	peak	
6 *	832.190	-63.95	-2.59	-66.54	-25.00	-41.54	peak	

Test Mode | LTE Band 41\_TX CH40620\_5M\_Main Antenna

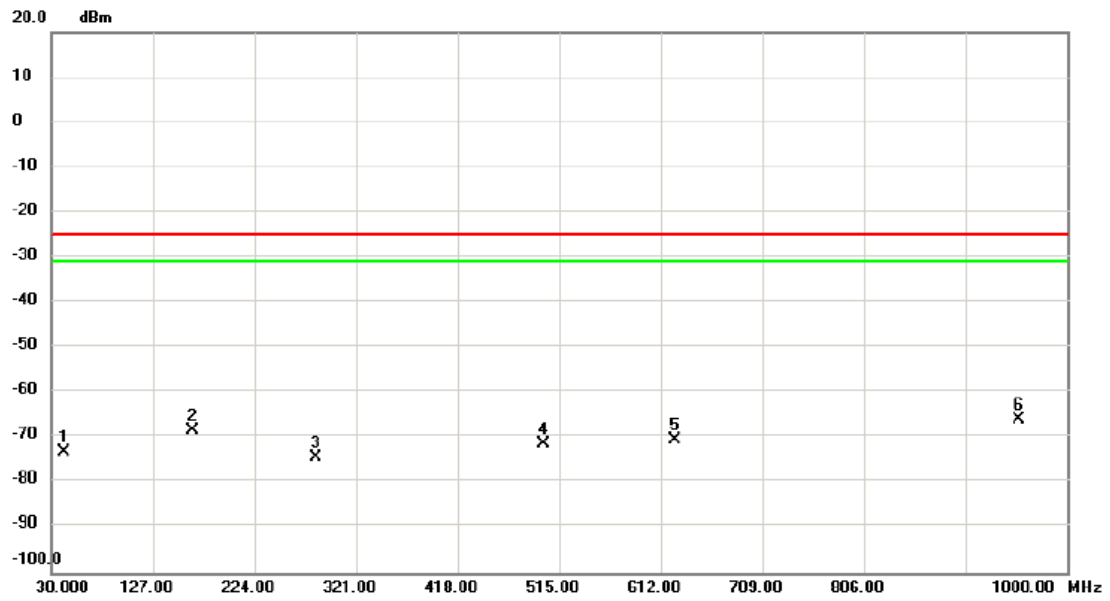
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		67.345	-54.38	-15.67	-70.05	-25.00	-45.05	peak	
2		90.625	-55.00	-15.96	-70.96	-25.00	-45.96	peak	
3	*	169.680	-50.85	-12.38	-63.23	-25.00	-38.23	peak	
4		283.170	-60.64	-12.40	-73.04	-25.00	-48.04	peak	
5		480.080	-63.47	-7.84	-71.31	-25.00	-46.31	peak	
6		625.095	-63.72	-5.20	-68.92	-25.00	-43.92	peak	

Test Mode | LTE Band 41\_TX CH40620\_5M\_Main Antenna

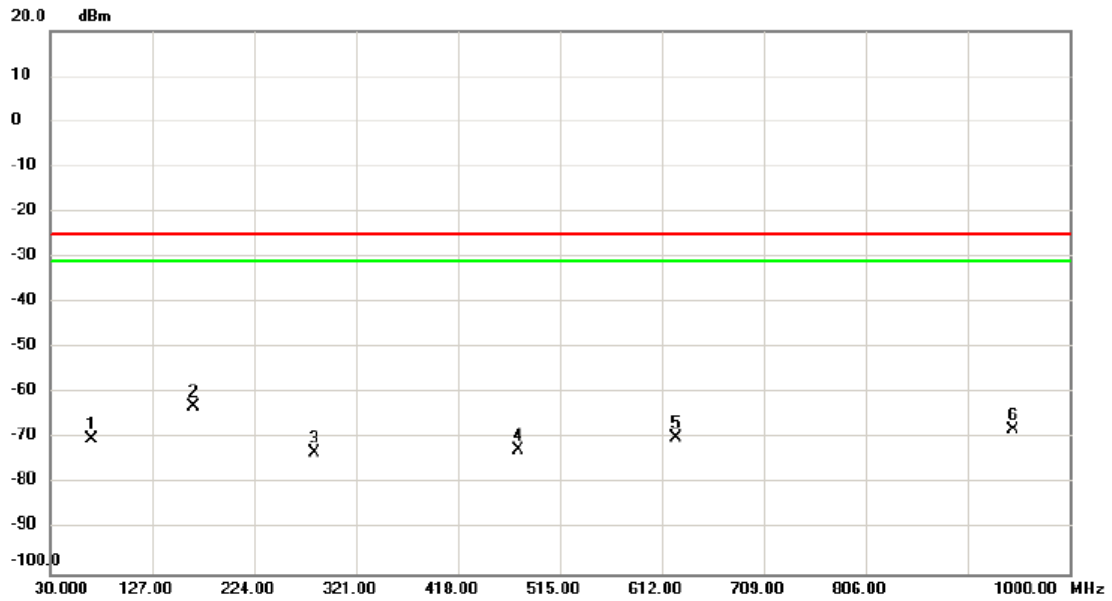
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	42.610	-58.77	-14.49	-73.26	-25.00	-48.26	peak	
2	165.315	-56.53	-11.76	-68.29	-25.00	-43.29	peak	
3	282.200	-61.80	-12.47	-74.27	-25.00	-49.27	peak	
4	499.965	-63.79	-7.68	-71.47	-25.00	-46.47	peak	
5	625.095	-65.21	-5.20	-70.41	-25.00	-45.41	peak	
6 *	953.925	-65.20	-0.72	-65.92	-25.00	-40.92	peak	

Test Mode | LTE Band 41\_TX CH40620\_20M\_Main Antenna

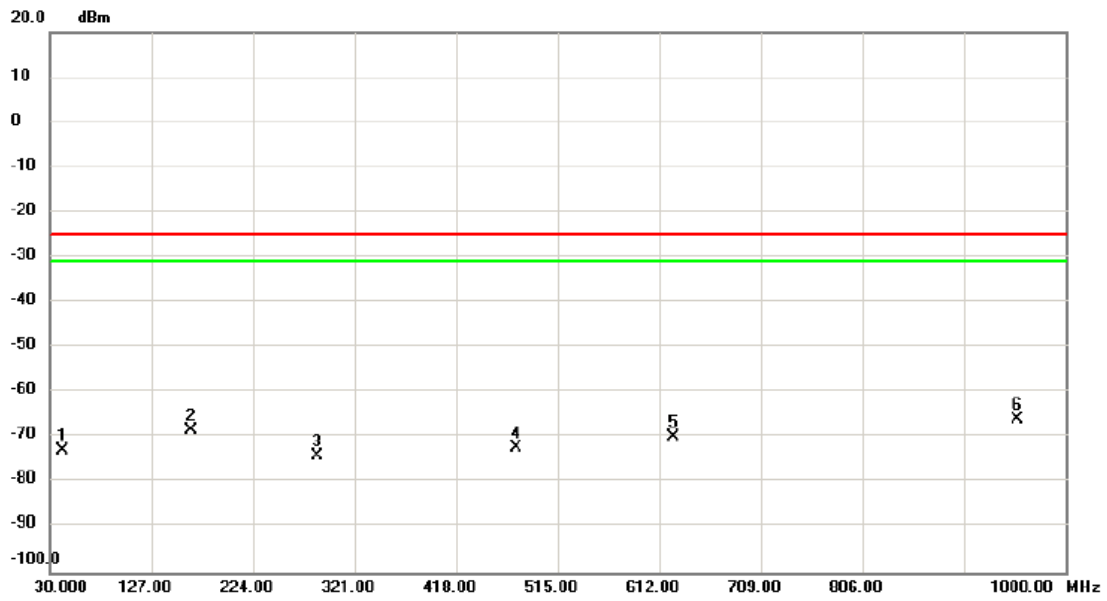
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		68.800	-54.09	-15.96	-70.05	-25.00	-45.05	peak	
2	*	166.285	-51.17	-11.89	-63.06	-25.00	-38.06	peak	
3		281.715	-60.77	-12.50	-73.27	-25.00	-48.27	peak	
4		475.230	-64.77	-7.88	-72.65	-25.00	-47.65	peak	
5		625.095	-64.56	-5.20	-69.76	-25.00	-44.76	peak	
6		946.650	-67.08	-0.85	-67.93	-25.00	-42.93	peak	

Test Mode | LTE Band 41\_TX CH40620\_20M\_Main Antenna

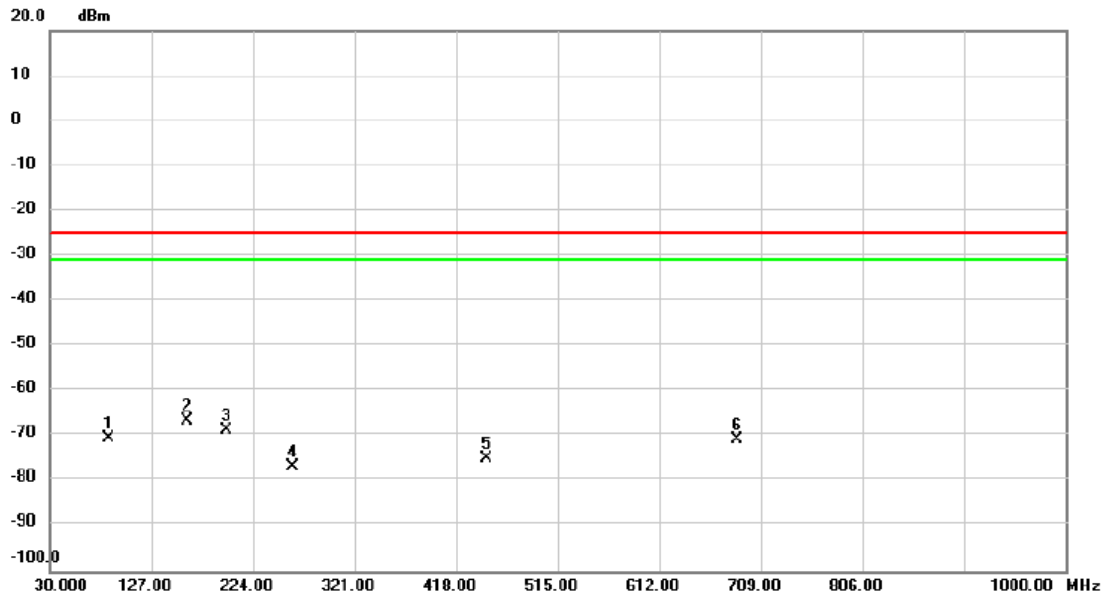
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-58.47	-14.49	-72.96	-25.00	-47.96	peak	
2		165.315	-56.52	-11.76	-68.28	-25.00	-43.28	peak	
3		285.110	-61.72	-12.26	-73.98	-25.00	-48.98	peak	
4		475.230	-64.29	-7.88	-72.17	-25.00	-47.17	peak	
5		625.095	-64.54	-5.20	-69.74	-25.00	-44.74	peak	
6	*	953.925	-65.30	-0.72	-66.02	-25.00	-41.02	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+10M\_Main Antenna

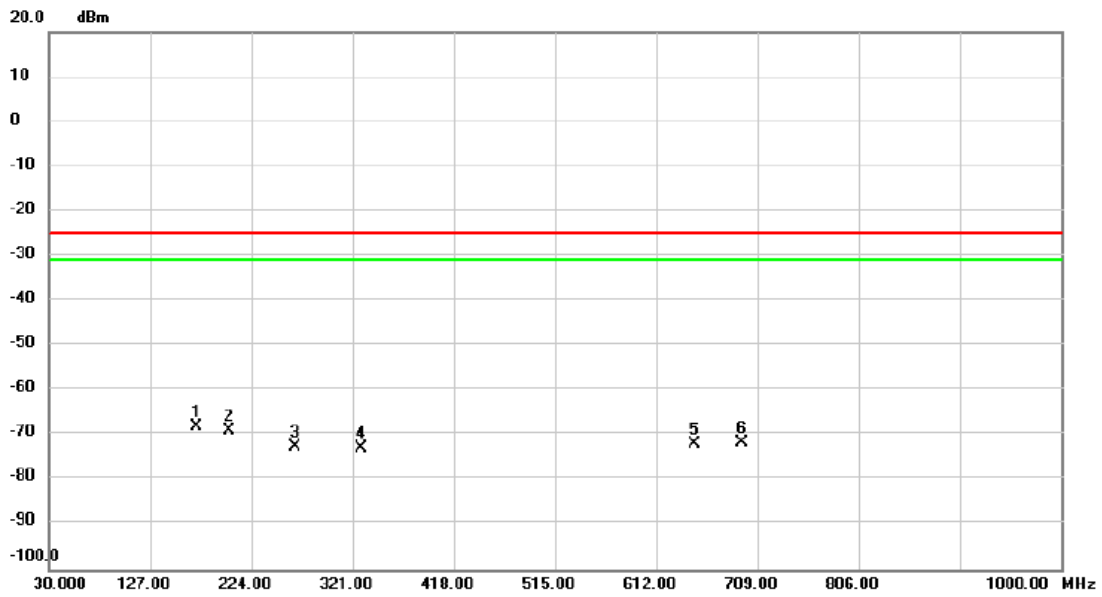
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		86.745	-53.83	-16.70	-70.53	-25.00	-45.53	peak	
2	*	161.435	-55.42	-11.21	-66.63	-25.00	-41.63	peak	
3		199.265	-53.56	-15.12	-68.68	-25.00	-43.68	peak	
4		262.315	-63.88	-12.76	-76.64	-25.00	-51.64	peak	
5		446.615	-66.86	-8.16	-75.02	-25.00	-50.02	peak	
6		686.205	-66.45	-4.19	-70.64	-25.00	-45.64	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+10M\_Main Antenna

### Horizontal

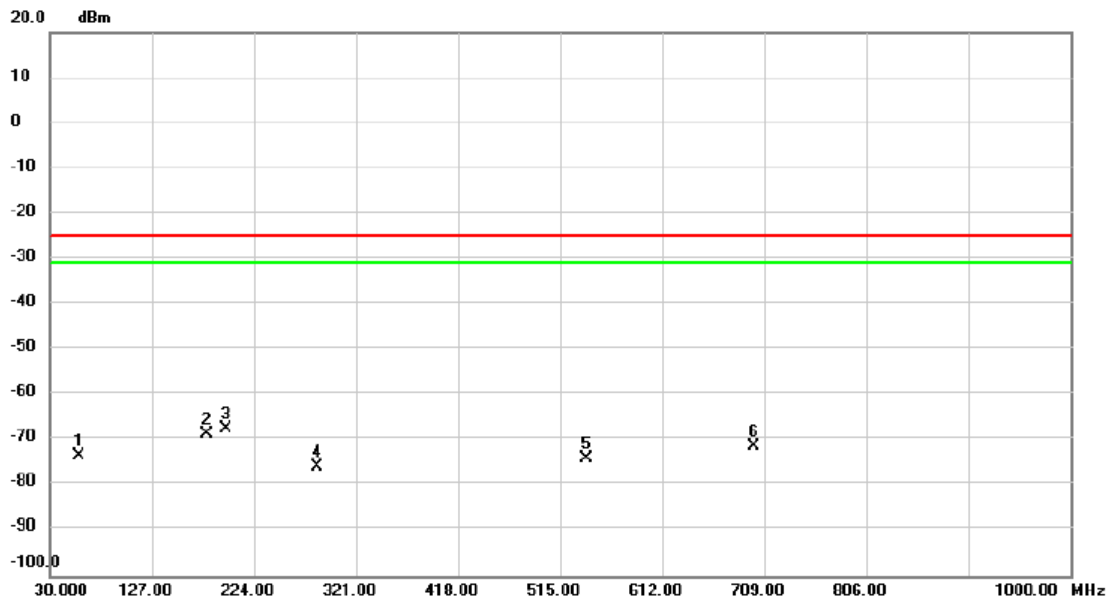


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	171.135	-55.40	-12.50	-67.90	-25.00	-42.90	peak	
2		202.175	-53.64	-15.28	-68.92	-25.00	-43.92	peak	
3		265.710	-59.52	-12.90	-72.42	-25.00	-47.42	peak	
4		328.760	-61.82	-11.01	-72.83	-25.00	-47.83	peak	
5		648.375	-67.29	-4.71	-72.00	-25.00	-47.00	peak	
6		693.965	-67.56	-4.09	-71.65	-25.00	-46.65	peak	



Test Mode	LTE CA_7C_TX Mid-Range_15M+10M_Main Antenna
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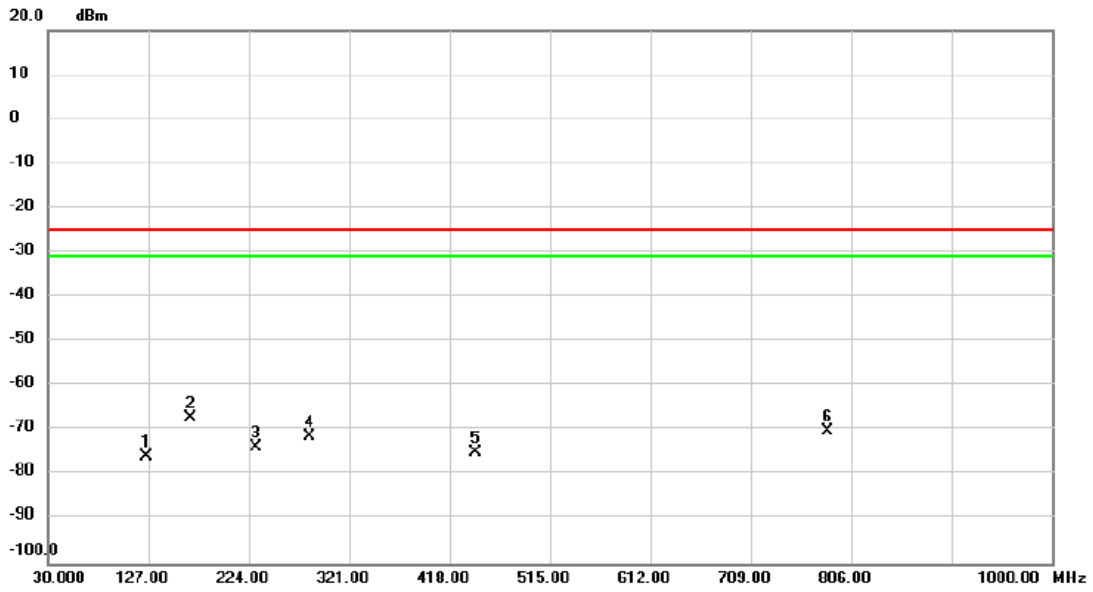
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		57.645	-58.76	-14.55	-73.31	-25.00	-48.31	peak	
2		179.865	-55.61	-13.13	-68.74	-25.00	-43.74	peak	
3	*	196.840	-52.36	-14.95	-67.31	-25.00	-42.31	peak	
4		284.140	-63.47	-12.33	-75.80	-25.00	-50.80	peak	
5		540.705	-66.80	-7.29	-74.09	-25.00	-49.09	peak	
6		698.815	-67.40	-4.02	-71.42	-25.00	-46.42	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_15M+10M\_Main Antenna

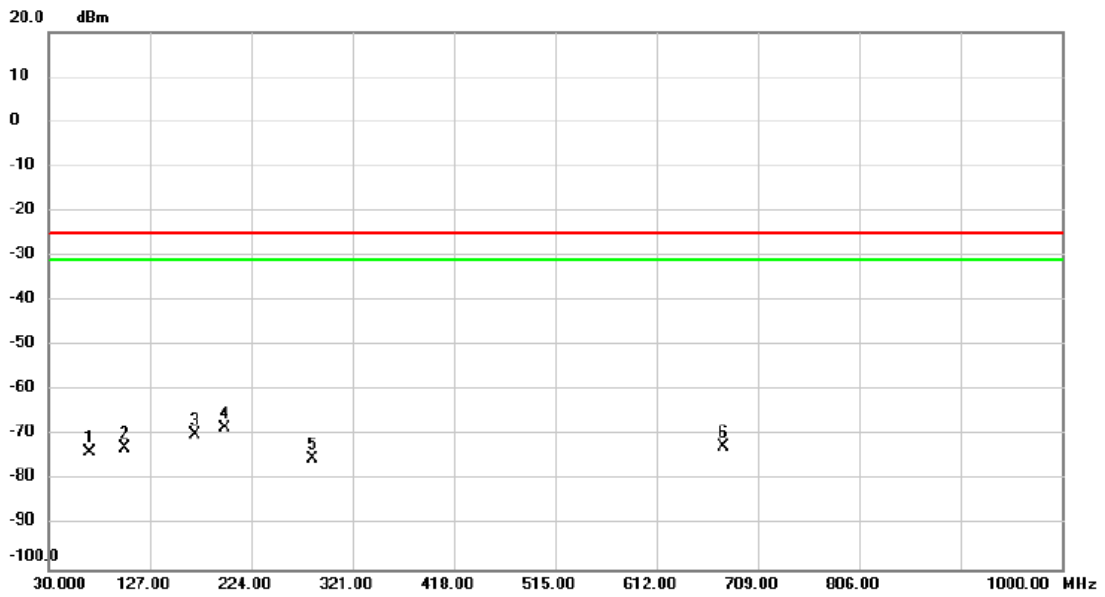
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		124.575	-62.86	-13.04	-75.90	-25.00	-50.90	peak	
2	*	168.225	-55.01	-12.17	-67.18	-25.00	-42.18	peak	
3		231.275	-59.53	-14.23	-73.76	-25.00	-48.76	peak	
4		282.200	-59.02	-12.47	-71.49	-25.00	-46.49	peak	
5		443.705	-66.69	-8.25	-74.94	-25.00	-49.94	peak	
6		782.720	-66.88	-3.22	-70.10	-25.00	-45.10	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+15M\_Main Antenna

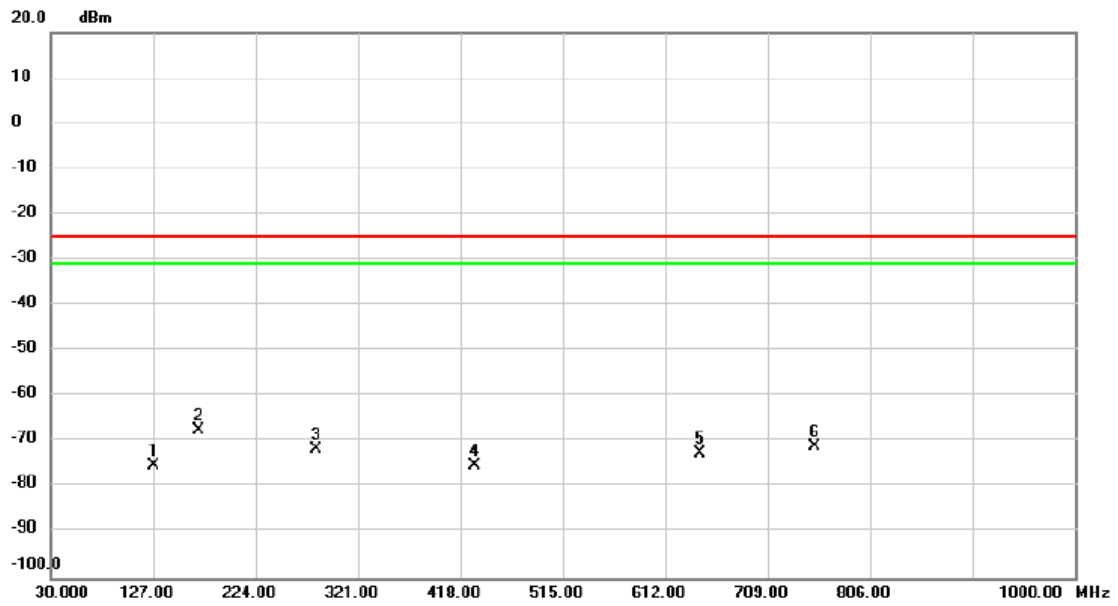
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		68.800	-57.69	-15.96	-73.65	-25.00	-48.65	peak	
2		103.235	-57.96	-15.00	-72.96	-25.00	-47.96	peak	
3		170.165	-57.43	-12.42	-69.85	-25.00	-44.85	peak	
4	*	198.780	-53.21	-15.09	-68.30	-25.00	-43.30	peak	
5		282.200	-62.72	-12.47	-75.19	-25.00	-50.19	peak	
6		675.535	-68.12	-4.33	-72.45	-25.00	-47.45	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+15M\_Main Antenna

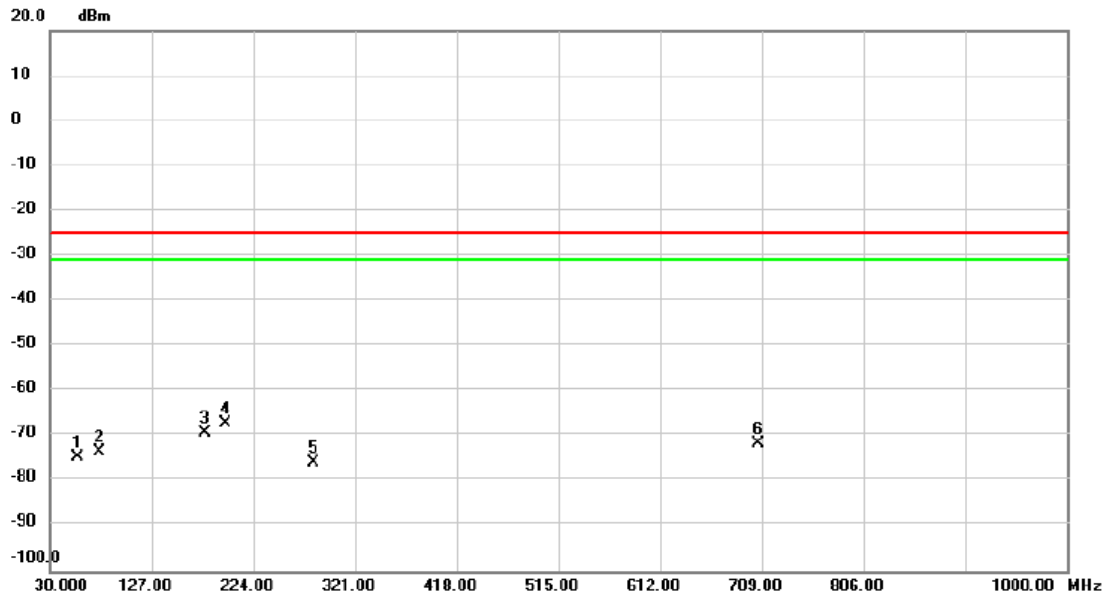
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		127.000	-62.27	-13.04	-75.31	-25.00	-50.31	peak	
2	*	170.650	-55.06	-12.46	-67.52	-25.00	-42.52	peak	
3		281.715	-59.20	-12.50	-71.70	-25.00	-46.70	peak	
4		432.065	-66.77	-8.58	-75.35	-25.00	-50.35	peak	
5		644.980	-67.62	-4.78	-72.40	-25.00	-47.40	peak	
6		753.620	-67.53	-3.61	-71.14	-25.00	-46.14	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+20M\_Main Antenna

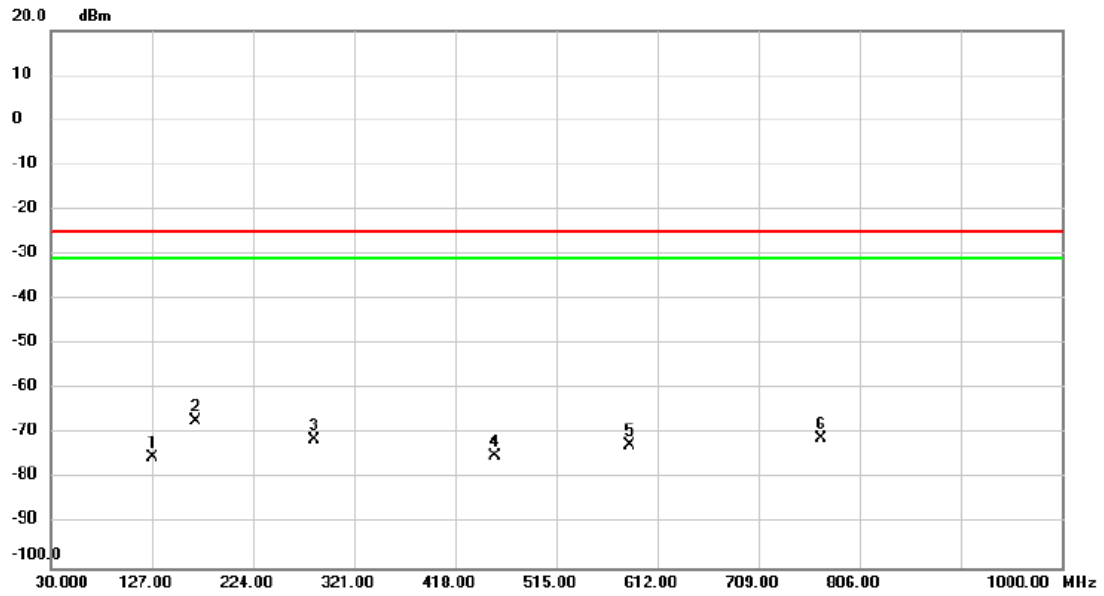
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		56.675	-60.47	-14.27	-74.74	-25.00	-49.74	peak	
2		77.045	-56.05	-17.52	-73.57	-25.00	-48.57	peak	
3		177.440	-56.20	-12.96	-69.16	-25.00	-44.16	peak	
4	*	197.325	-52.17	-14.99	-67.16	-25.00	-42.16	peak	
5		281.715	-63.32	-12.50	-75.82	-25.00	-50.82	peak	
6		706.090	-67.55	-3.97	-71.52	-25.00	-46.52	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+20M\_Main Antenna

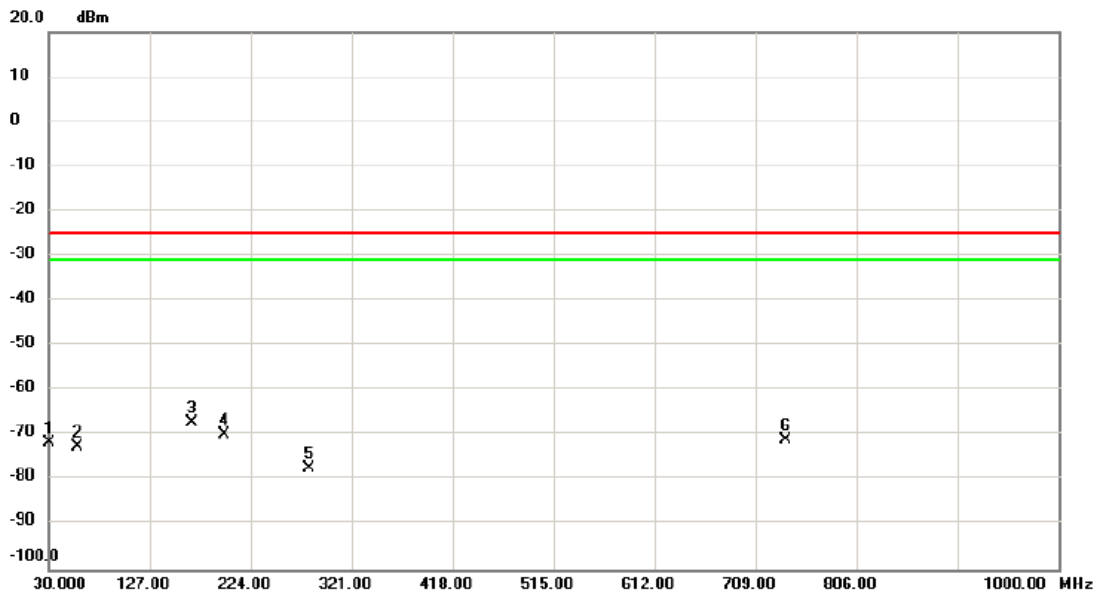
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		127.485	-62.20	-13.04	-75.24	-25.00	-50.24	peak	
2	*	168.710	-54.90	-12.24	-67.14	-25.00	-42.14	peak	
3		282.200	-58.82	-12.47	-71.29	-25.00	-46.29	peak	
4		455.830	-66.85	-8.03	-74.88	-25.00	-49.88	peak	
5		585.325	-66.41	-6.17	-72.58	-25.00	-47.58	peak	
6		769.140	-67.68	-3.40	-71.08	-25.00	-46.08	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_15M+15M\_Main Antenna

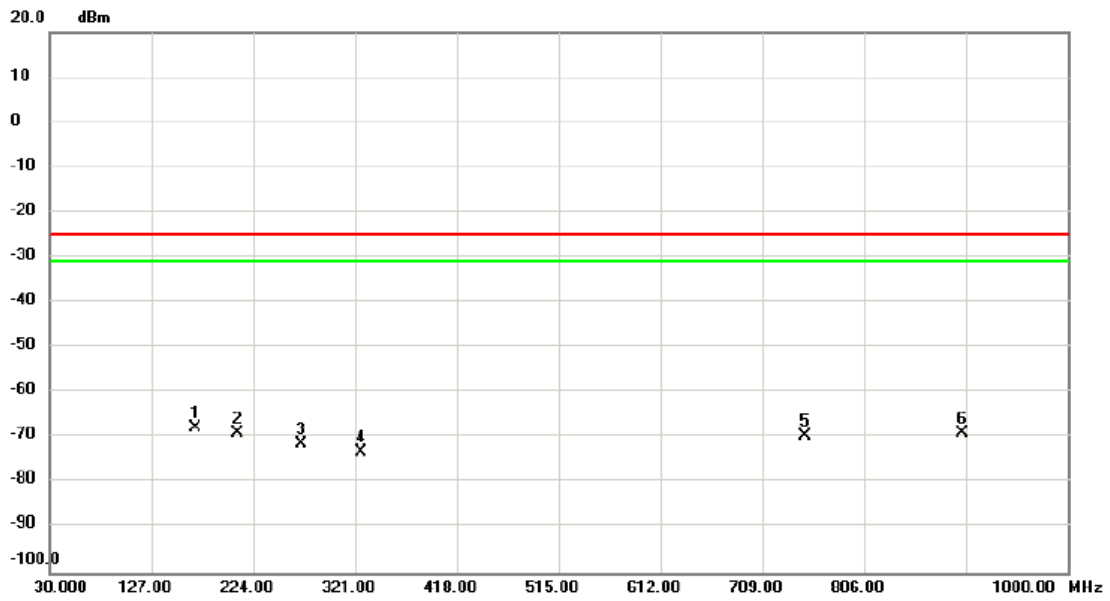
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		30.970	-56.63	-14.90	-71.53	-25.00	-46.53	peak	
2		57.645	-57.96	-14.55	-72.51	-25.00	-47.51	peak	
3	*	168.225	-54.98	-12.17	-67.15	-25.00	-42.15	peak	
4		198.780	-54.85	-15.09	-69.94	-25.00	-44.94	peak	
5		280.745	-64.63	-12.57	-77.20	-25.00	-52.20	peak	
6		738.100	-67.38	-3.74	-71.12	-25.00	-46.12	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_15M+15M\_Main Antenna

### Horizontal

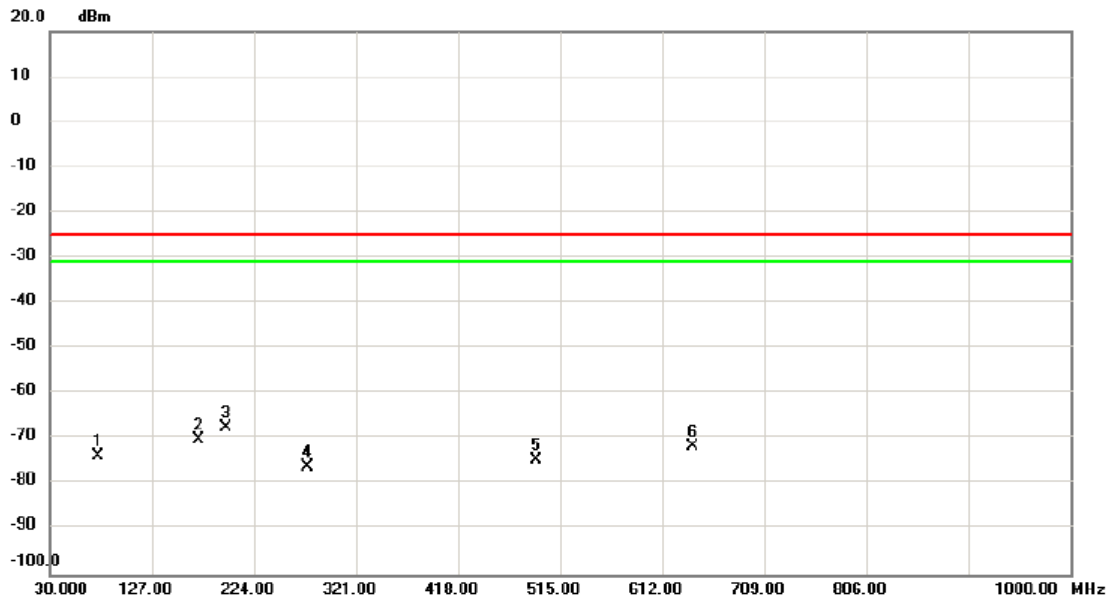


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	169.195	-55.47	-12.31	-67.78	-25.00	-42.78	peak	
2	208.965	-53.27	-15.57	-68.84	-25.00	-43.84	peak	
3	270.075	-58.13	-13.07	-71.20	-25.00	-46.20	peak	
4	326.820	-62.08	-11.05	-73.13	-25.00	-48.13	peak	
5	749.740	-65.96	-3.65	-69.61	-25.00	-44.61	peak	
6	899.605	-67.00	-1.92	-68.92	-25.00	-43.92	peak	



Test Mode	LTE CA_38C_TX Mid-Range_20M+20M_Main Antenna
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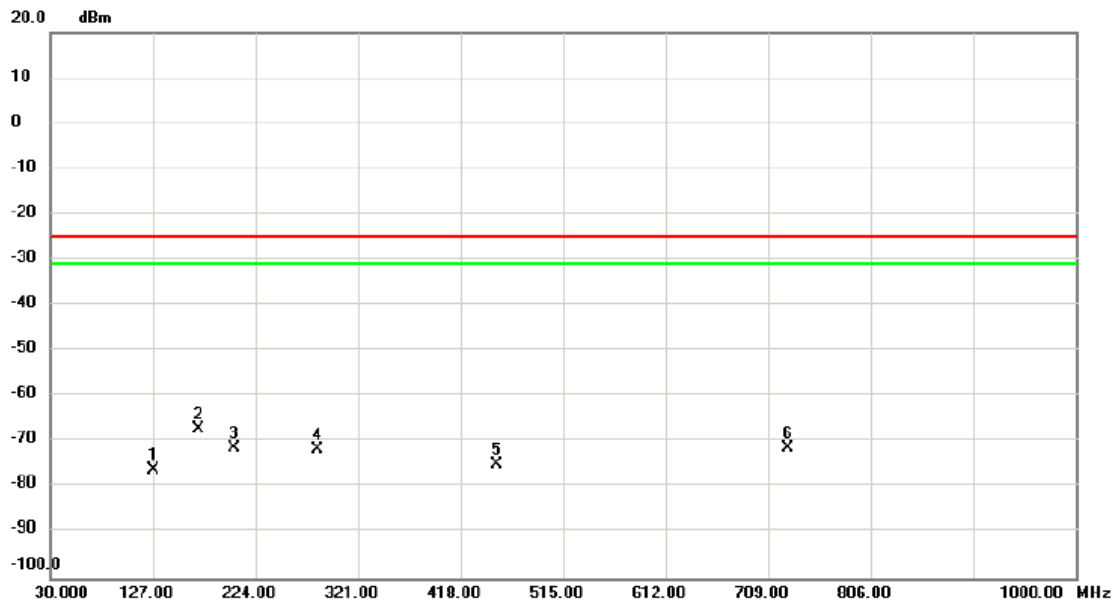
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	76.075	-56.49	-17.35	-73.84	-25.00	-48.84	peak	
2	171.135	-57.53	-12.50	-70.03	-25.00	-45.03	peak	
3 *	197.325	-52.44	-14.99	-67.43	-25.00	-42.43	peak	
4	275.410	-63.29	-12.83	-76.12	-25.00	-51.12	peak	
5	492.205	-66.92	-7.75	-74.67	-25.00	-49.67	peak	
6	641.585	-66.90	-4.85	-71.75	-25.00	-46.75	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_20M+20M\_Main Antenna

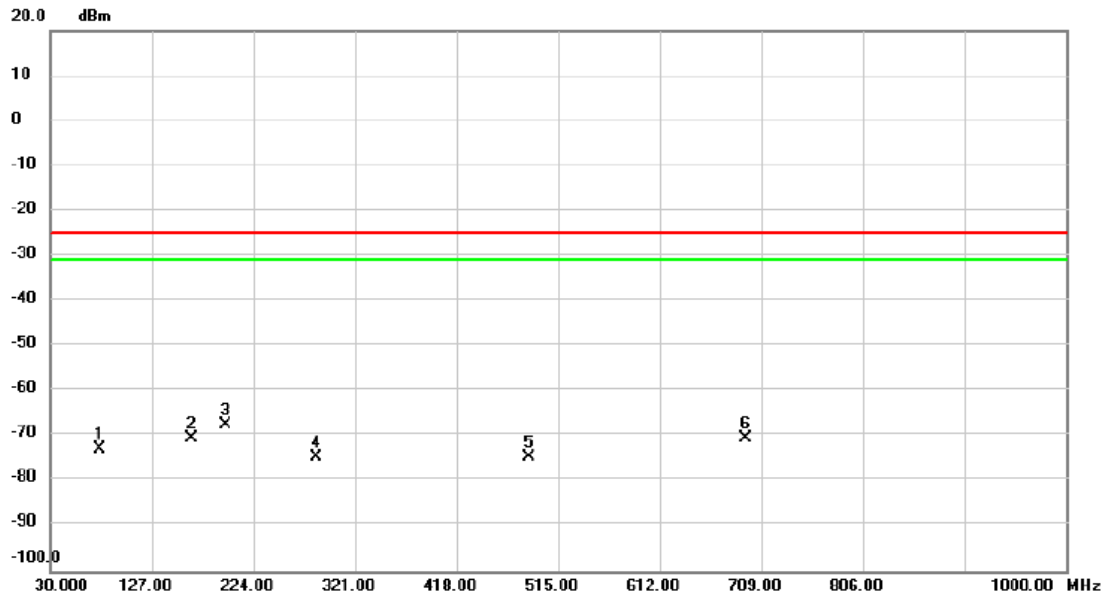
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		127.485	-63.02	-13.04	-76.06	-25.00	-51.06	peak	
2	*	169.680	-54.77	-12.38	-67.15	-25.00	-42.15	peak	
3		203.630	-56.10	-15.33	-71.43	-25.00	-46.43	peak	
4		283.170	-59.15	-12.40	-71.55	-25.00	-46.55	peak	
5		451.950	-66.90	-8.06	-74.96	-25.00	-49.96	peak	
6		727.430	-67.41	-3.81	-71.22	-25.00	-46.22	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_15M+10M\_Main Antenna

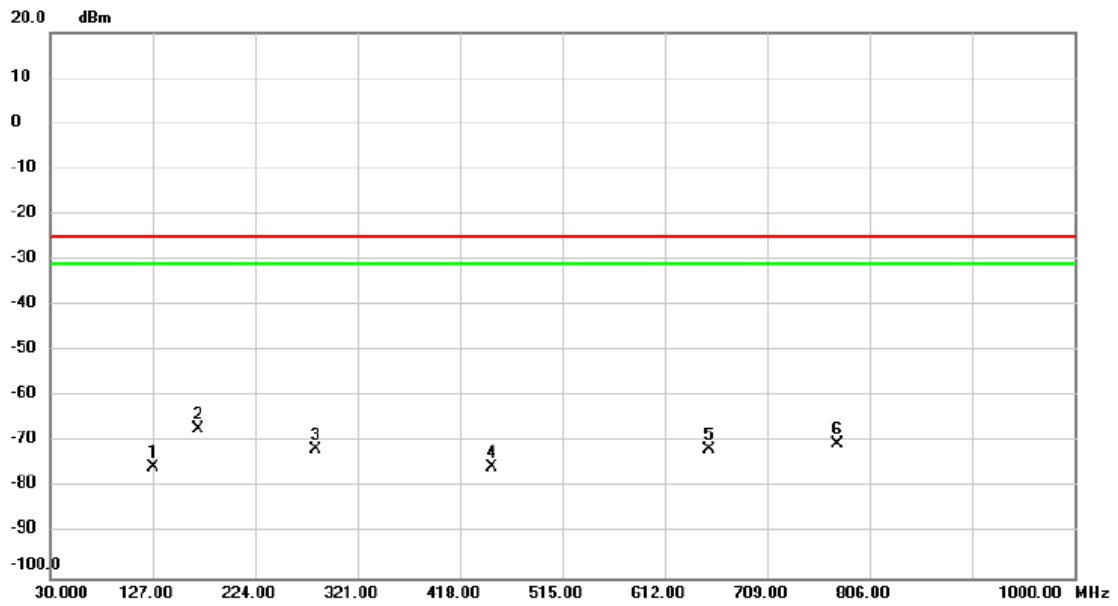
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		77.045	-55.35	-17.52	-72.87	-25.00	-47.87	peak	
2		165.315	-58.58	-11.76	-70.34	-25.00	-45.34	peak	
3	*	197.810	-52.39	-15.01	-67.40	-25.00	-42.40	peak	
4		283.655	-62.17	-12.36	-74.53	-25.00	-49.53	peak	
5		487.355	-66.80	-7.78	-74.58	-25.00	-49.58	peak	
6		693.965	-66.44	-4.09	-70.53	-25.00	-45.53	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_15M+10M\_Main Antenna

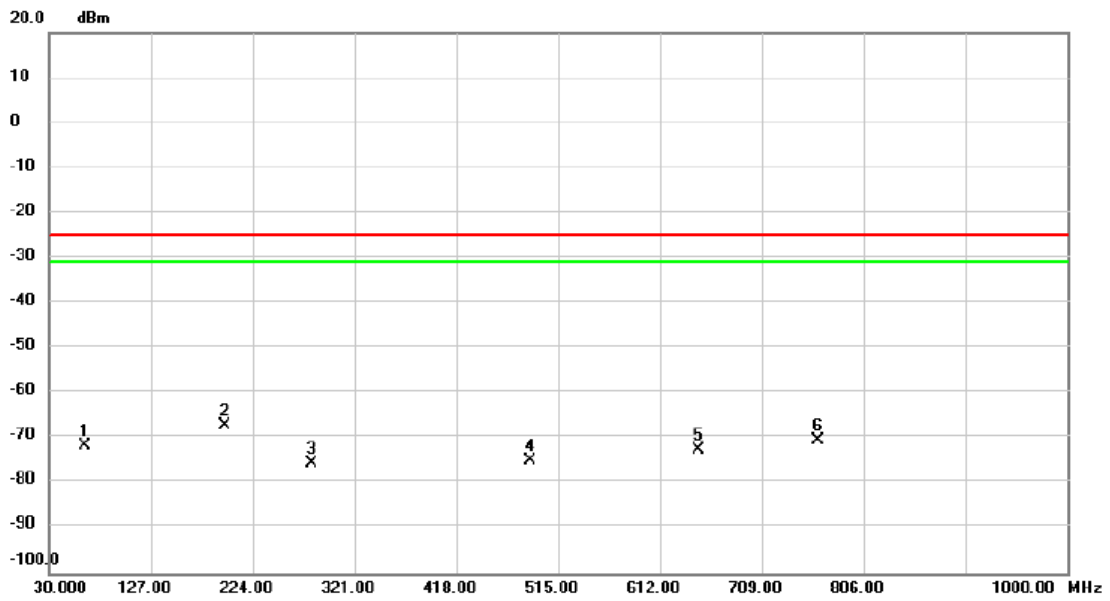
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		127.000	-62.65	-13.04	-75.69	-25.00	-50.69	peak	
2	*	170.165	-54.82	-12.42	-67.24	-25.00	-42.24	peak	
3		281.715	-59.29	-12.50	-71.79	-25.00	-46.79	peak	
4		448.555	-67.40	-8.11	-75.51	-25.00	-50.51	peak	
5		654.195	-67.01	-4.62	-71.63	-25.00	-46.63	peak	
6		775.445	-67.26	-3.33	-70.59	-25.00	-45.59	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+10M\_Main Antenna

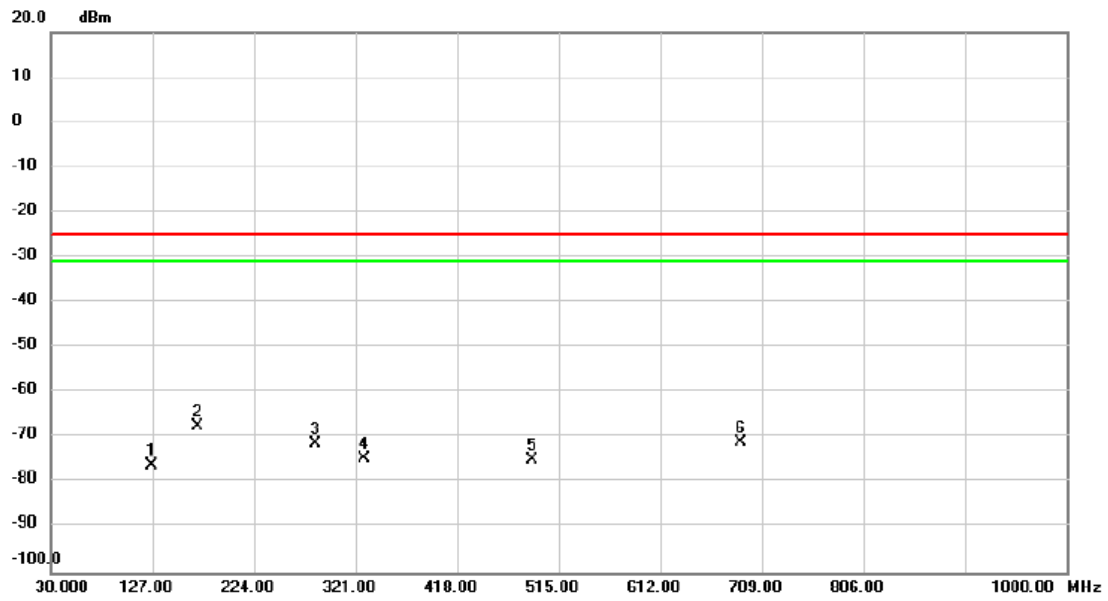
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	63.950	-56.60	-15.10	-71.70	-25.00	-46.70	peak	
2 *	197.325	-52.16	-14.99	-67.15	-25.00	-42.15	peak	
3	279.775	-62.99	-12.62	-75.61	-25.00	-50.61	peak	
4	488.325	-67.30	-7.77	-75.07	-25.00	-50.07	peak	
5	649.345	-67.87	-4.68	-72.55	-25.00	-47.55	peak	
6	762.835	-67.09	-3.48	-70.57	-25.00	-45.57	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+10M\_Main Antenna

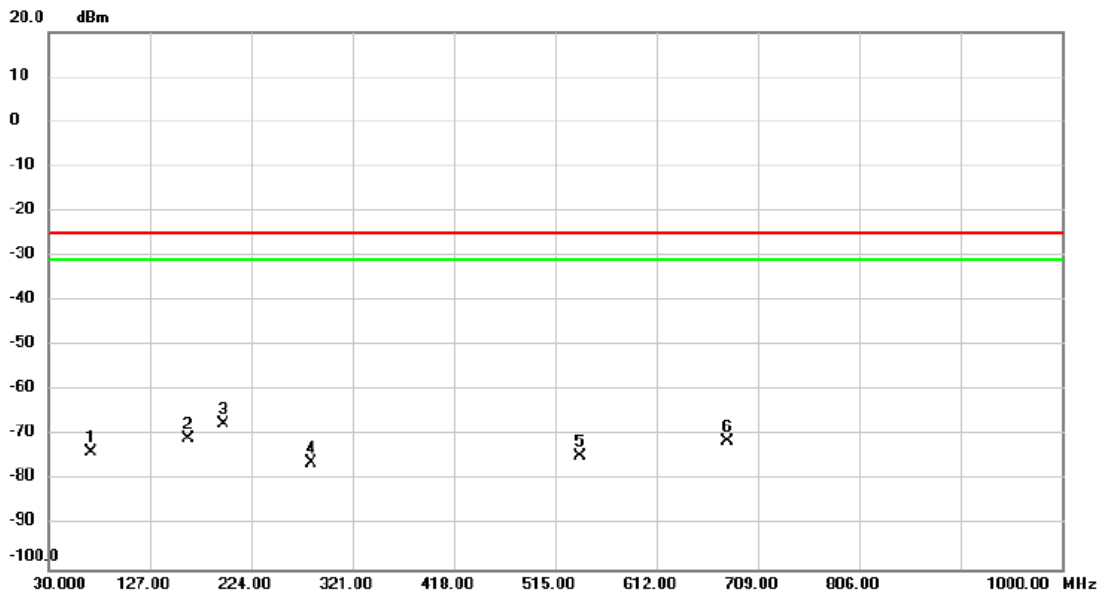
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		126.515	-63.24	-13.05	-76.29	-25.00	-51.29	peak	
2	*	169.680	-55.05	-12.38	-67.43	-25.00	-42.43	peak	
3		283.170	-58.82	-12.40	-71.22	-25.00	-46.22	peak	
4		329.245	-63.66	-11.01	-74.67	-25.00	-49.67	peak	
5		489.780	-67.33	-7.77	-75.10	-25.00	-50.10	peak	
6		688.630	-66.94	-4.15	-71.09	-25.00	-46.09	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+15M\_Main Antenna

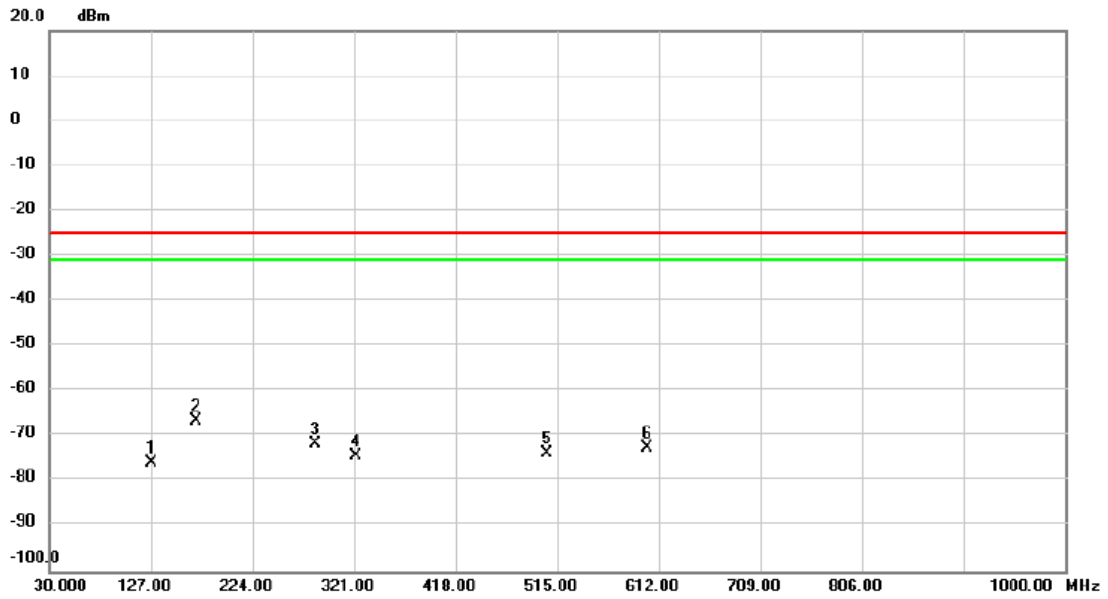
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		70.255	-57.56	-16.26	-73.82	-25.00	-48.82	peak	
2		164.345	-59.15	-11.61	-70.76	-25.00	-45.76	peak	
3	*	197.325	-52.60	-14.99	-67.59	-25.00	-42.59	peak	
4		281.230	-63.52	-12.53	-76.05	-25.00	-51.05	peak	
5		538.765	-67.43	-7.31	-74.74	-25.00	-49.74	peak	
6		679.900	-66.92	-4.28	-71.20	-25.00	-46.20	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+15M\_Main Antenna

### Horizontal

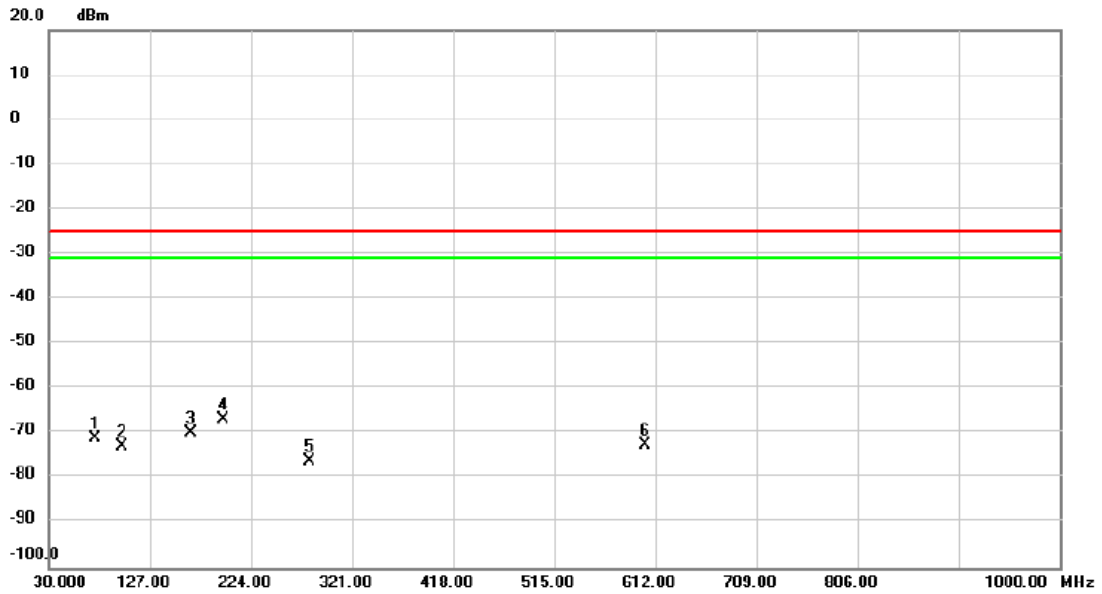


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		127.970	-62.83	-13.05	-75.88	-25.00	-50.88	peak	
2	*	170.650	-54.11	-12.46	-66.57	-25.00	-41.57	peak	
3		284.625	-59.40	-12.30	-71.70	-25.00	-46.70	peak	
4		322.940	-63.34	-11.11	-74.45	-25.00	-49.45	peak	
5		504.815	-66.14	-7.64	-73.78	-25.00	-48.78	peak	
6		600.360	-66.67	-5.73	-72.40	-25.00	-47.40	peak	



Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+20M\_Main Antenna

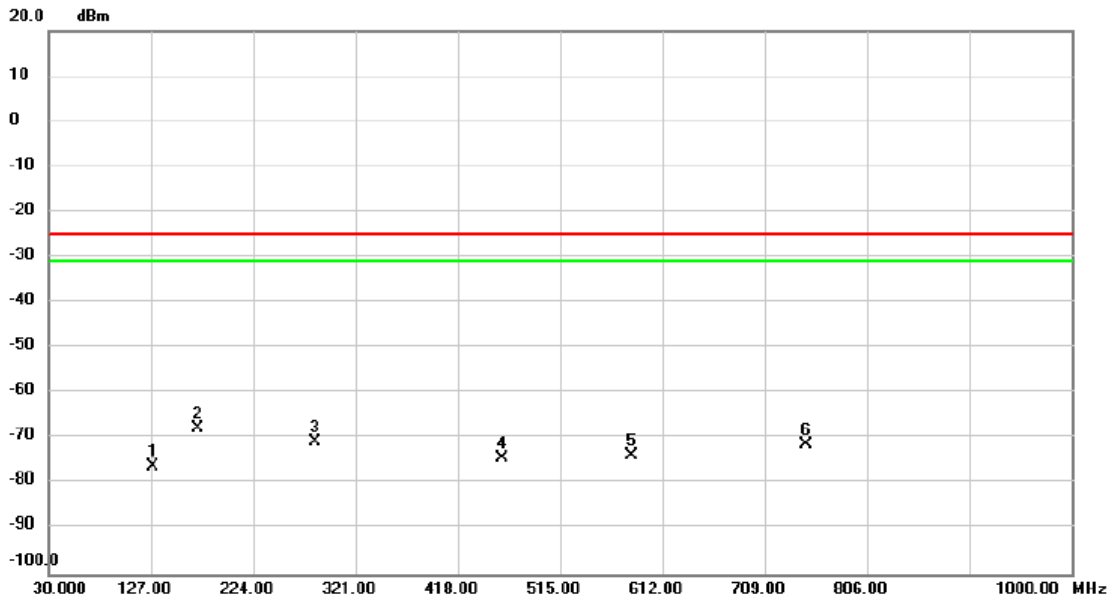
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	75.105	-53.96	-17.19	-71.15	-25.00	-46.15	peak	
2	100.325	-57.76	-15.20	-72.96	-25.00	-47.96	peak	
3	166.285	-58.05	-11.89	-69.94	-25.00	-44.94	peak	
4 *	197.810	-51.79	-15.01	-66.80	-25.00	-41.80	peak	
5	280.745	-63.56	-12.57	-76.13	-25.00	-51.13	peak	
6	601.815	-66.93	-5.70	-72.63	-25.00	-47.63	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+20M\_Main Antenna

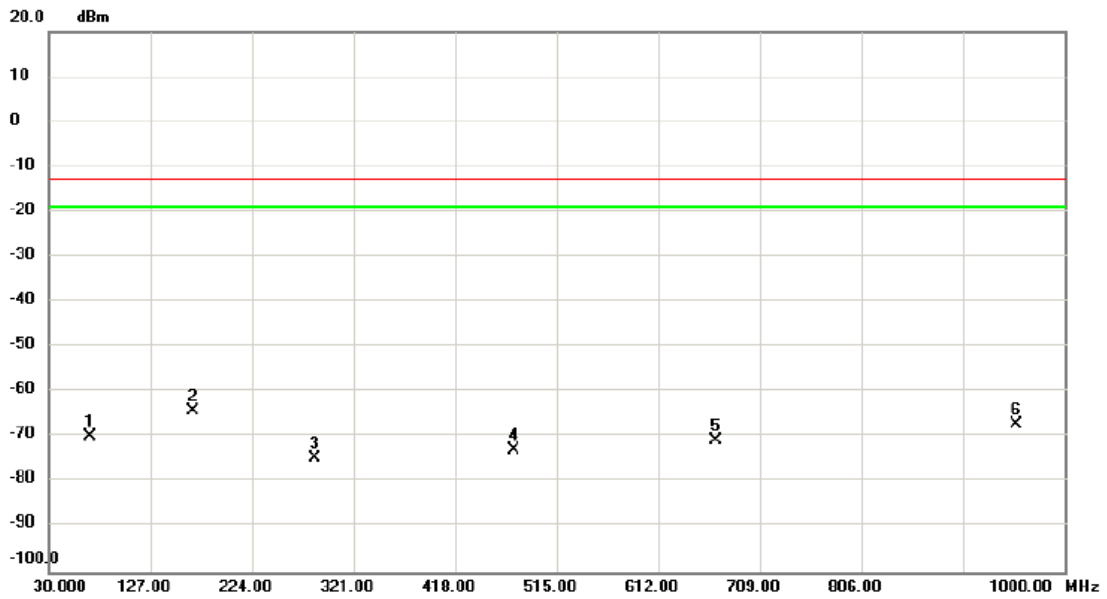
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	128.455	-63.20	-13.05	-76.25	-25.00	-51.25	peak	
2 *	171.135	-55.36	-12.50	-67.86	-25.00	-42.86	peak	
3	282.685	-58.34	-12.44	-70.78	-25.00	-45.78	peak	
4	459.710	-66.39	-8.00	-74.39	-25.00	-49.39	peak	
5	582.900	-67.65	-6.24	-73.89	-25.00	-48.89	peak	
6	748.285	-67.59	-3.67	-71.26	-25.00	-46.26	peak	

Test Mode | LTE Band 4\_TX CH20175\_1.4M\_Second Antenna

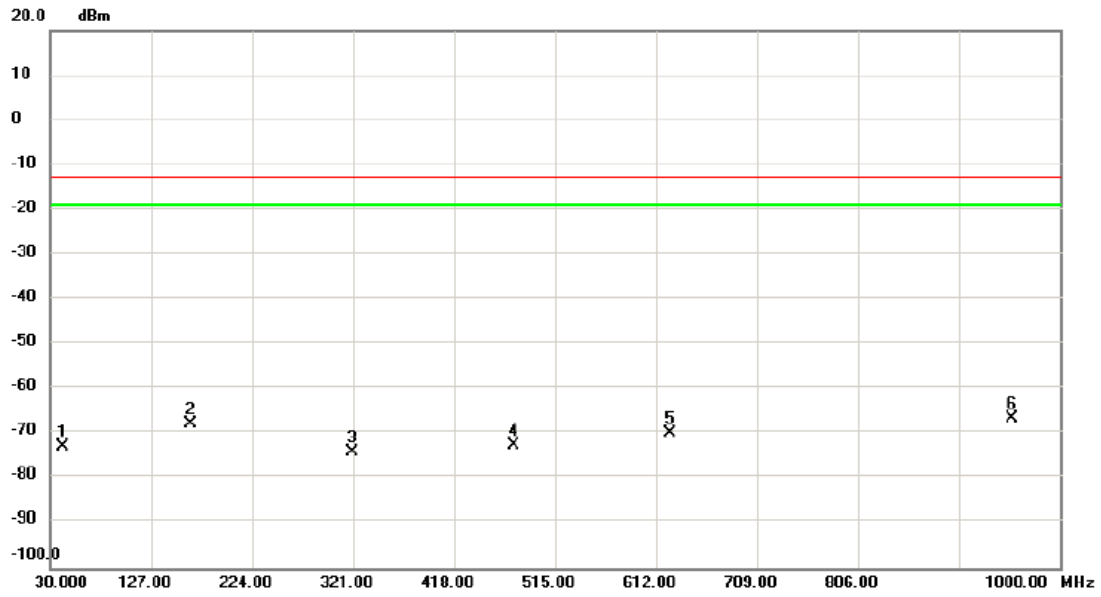
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		68.800	-53.90	-15.96	-69.86	-13.00	-56.86	peak	
2	*	167.255	-52.08	-12.03	-64.11	-13.00	-51.11	peak	
3		284.625	-62.50	-12.30	-74.80	-13.00	-61.80	peak	
4		474.745	-65.10	-7.88	-72.98	-13.00	-59.98	peak	
5		666.320	-66.19	-4.46	-70.65	-13.00	-57.65	peak	
6		953.925	-66.56	-0.72	-67.28	-13.00	-54.28	peak	

Test Mode | LTE Band 4\_TX CH20175\_1.4M\_Second Antenna

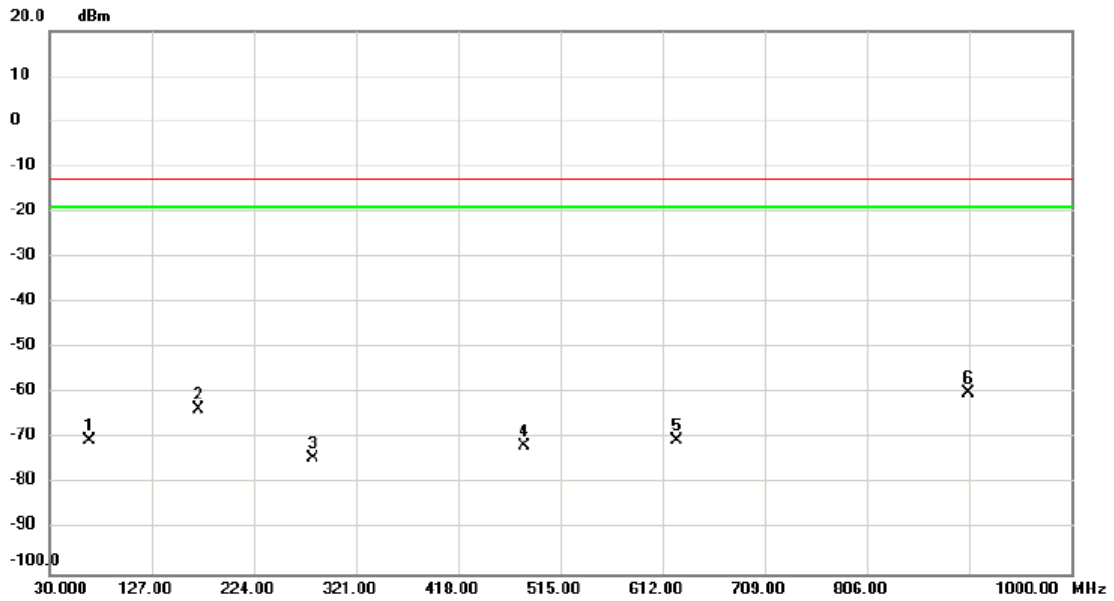
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-58.49	-14.49	-72.98	-13.00	-59.98	peak	
2		165.315	-55.87	-11.76	-67.63	-13.00	-54.63	peak	
3		320.515	-62.75	-11.16	-73.91	-13.00	-60.91	peak	
4		475.230	-64.65	-7.88	-72.53	-13.00	-59.53	peak	
5		625.095	-64.60	-5.20	-69.80	-13.00	-56.80	peak	
6	*	953.925	-65.97	-0.72	-66.69	-13.00	-53.69	peak	

Test Mode	LTE Band 4_TX CH20175_5M_Second Antenna
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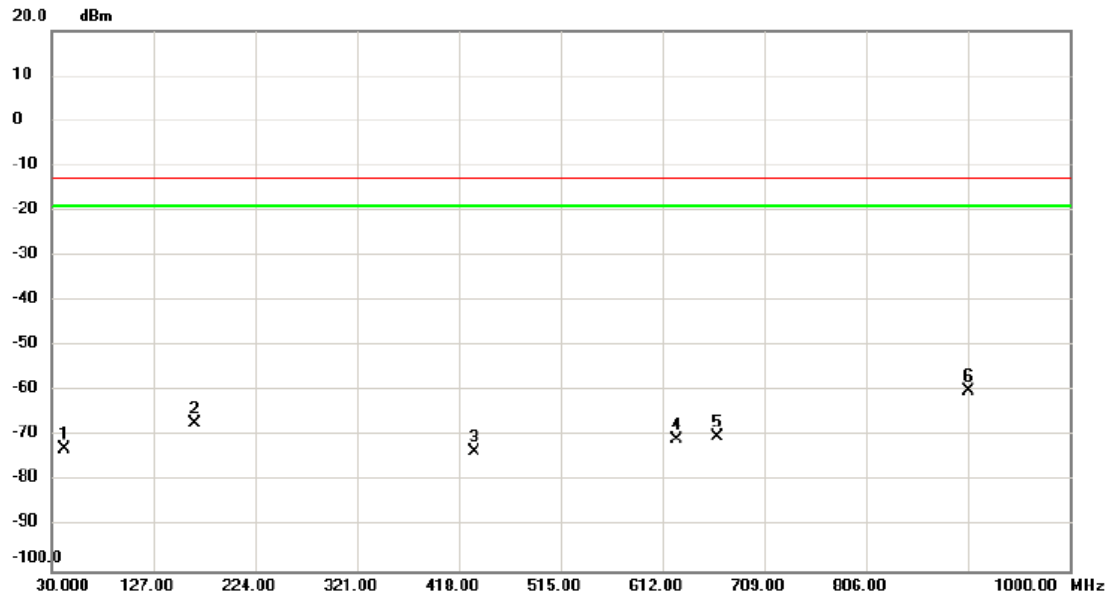
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		67.830	-54.76	-15.76	-70.52	-13.00	-57.52	peak	
2		171.135	-50.98	-12.50	-63.48	-13.00	-50.48	peak	
3		279.775	-61.61	-12.62	-74.23	-13.00	-61.23	peak	
4		480.080	-63.79	-7.84	-71.63	-13.00	-58.63	peak	
5		625.095	-65.18	-5.20	-70.38	-13.00	-57.38	peak	
6	*	902.030	-58.01	-1.87	-59.88	-13.00	-46.88	peak	

Test Mode | LTE Band 4\_TX CH20175\_5M\_Second Antenna

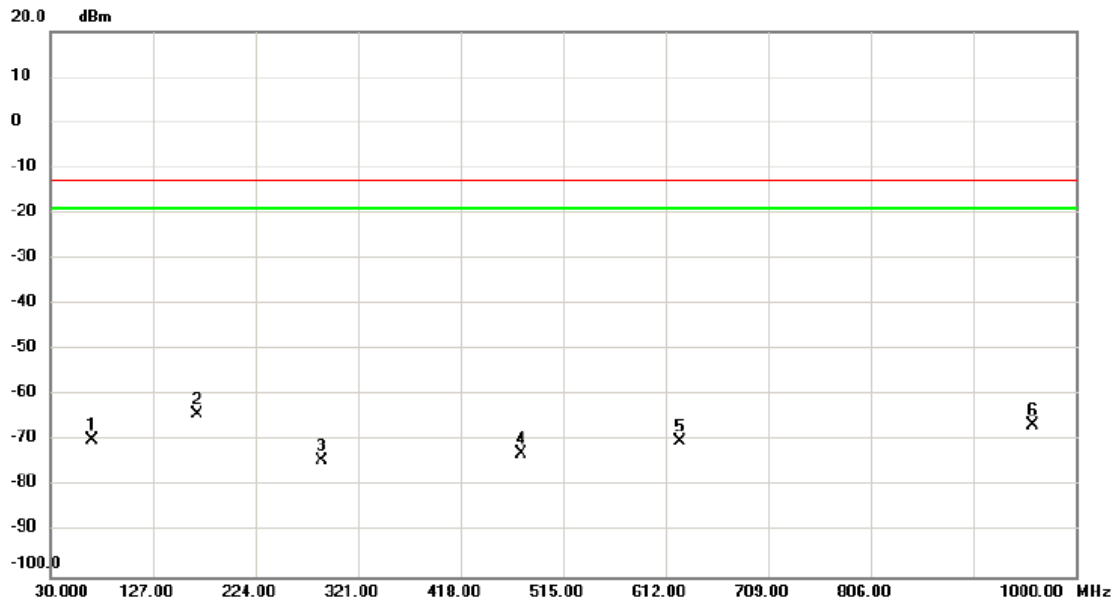
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	42.610	-58.29	-14.49	-72.78	-13.00	-59.78	peak	
2	165.800	-55.22	-11.82	-67.04	-13.00	-54.04	peak	
3	433.035	-64.92	-8.55	-73.47	-13.00	-60.47	peak	
4	625.095	-65.48	-5.20	-70.68	-13.00	-57.68	peak	
5	663.895	-65.54	-4.49	-70.03	-13.00	-57.03	peak	
6 *	903.000	-58.16	-1.85	-60.01	-13.00	-47.01	peak	

Test Mode | LTE Band 4\_TX CH20175\_20M\_Second Antenna

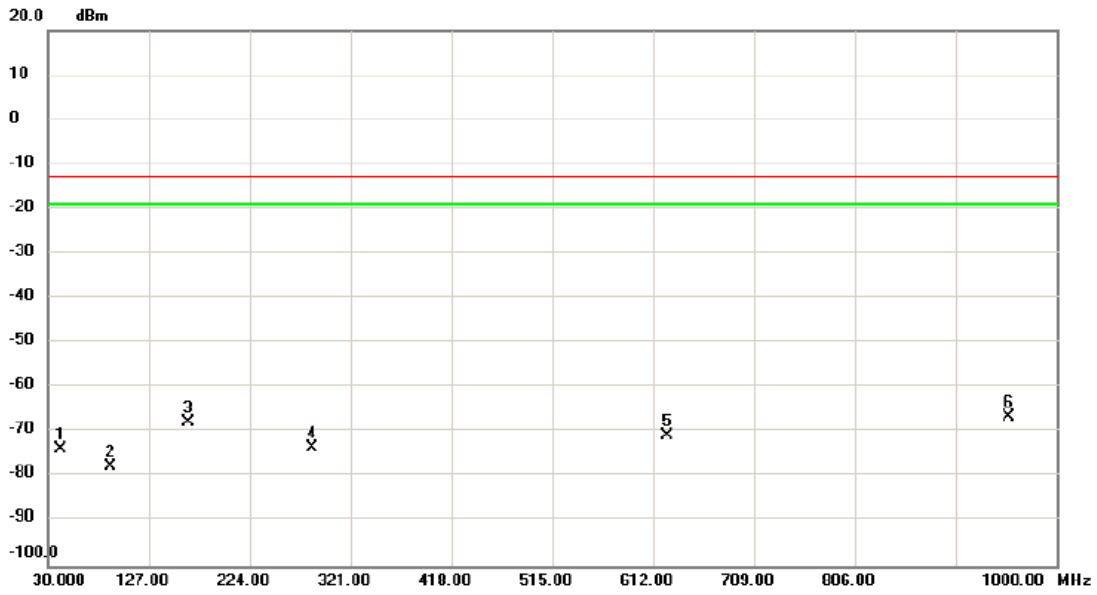
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		69.770	-53.64	-16.16	-69.80	-13.00	-56.80	peak	
2	*	168.710	-51.83	-12.24	-64.07	-13.00	-51.07	peak	
3		286.080	-62.25	-12.21	-74.46	-13.00	-61.46	peak	
4		475.230	-64.98	-7.88	-72.86	-13.00	-59.86	peak	
5		625.095	-64.85	-5.20	-70.05	-13.00	-57.05	peak	
6		959.260	-65.99	-0.62	-66.61	-13.00	-53.61	peak	

Test Mode | LTE Band 4\_TX CH20175\_20M\_Second Antenna

### Horizontal

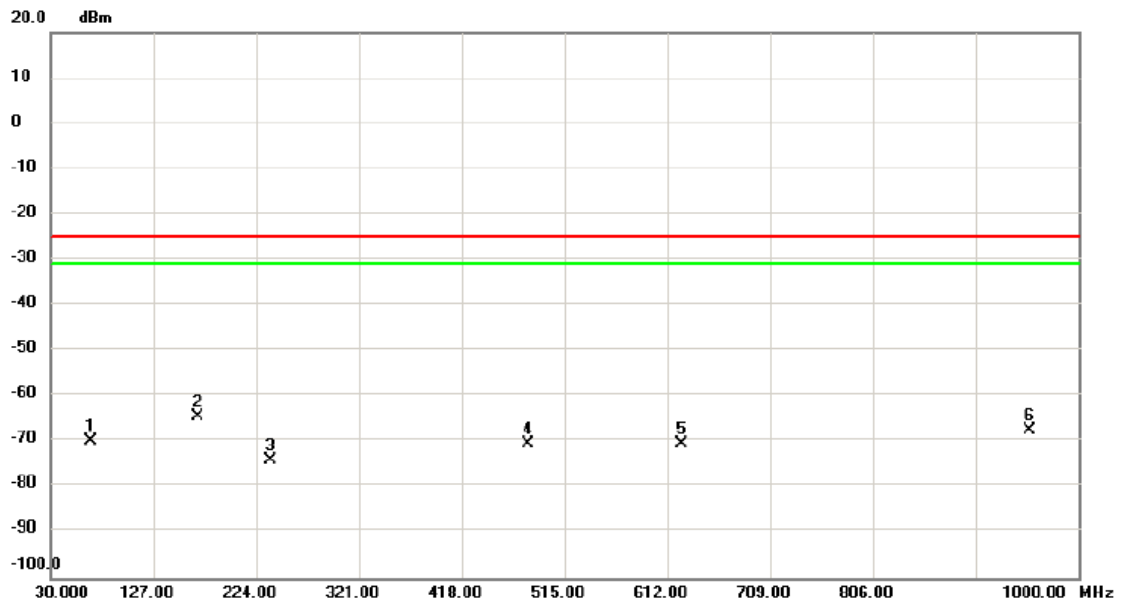


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	42.610	-59.39	-14.49	-73.88	-13.00	-60.88	peak	
2	90.140	-61.63	-16.01	-77.64	-13.00	-64.64	peak	
3	164.830	-55.99	-11.68	-67.67	-13.00	-54.67	peak	
4	283.655	-61.06	-12.36	-73.42	-13.00	-60.42	peak	
5	625.095	-65.48	-5.20	-70.68	-13.00	-57.68	peak	
6 *	953.925	-65.84	-0.72	-66.56	-13.00	-53.56	peak	



Test Mode	LTE Band 7_TX CH21100_5M_Second Antenna
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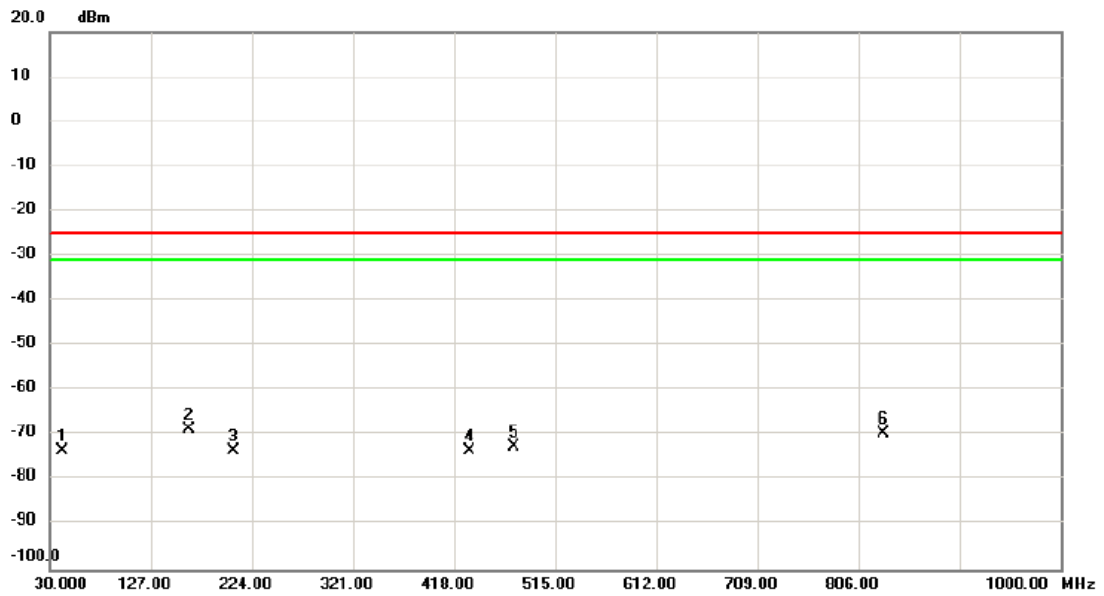
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		68.315	-54.08	-15.87	-69.95	-25.00	-44.95	peak	
2	*	169.195	-52.02	-12.31	-64.33	-25.00	-39.33	peak	
3		237.580	-59.91	-14.06	-73.97	-25.00	-48.97	peak	
4		480.080	-62.63	-7.84	-70.47	-25.00	-45.47	peak	
5		625.095	-65.17	-5.20	-70.37	-25.00	-45.37	peak	
6		953.925	-66.75	-0.72	-67.47	-25.00	-42.47	peak	

Test Mode | LTE Band 7\_TX CH21100\_5M\_Second Antenna

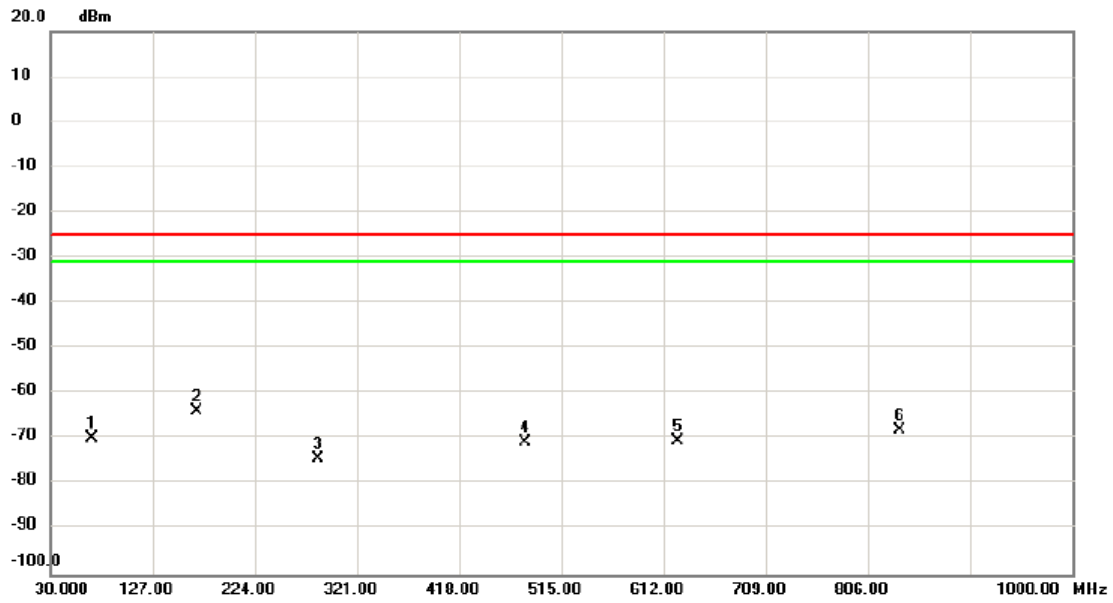
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-58.85	-14.49	-73.34	-25.00	-48.34	peak	
2	*	164.345	-56.97	-11.61	-68.58	-25.00	-43.58	peak	
3		206.055	-58.04	-15.44	-73.48	-25.00	-48.48	peak	
4		433.035	-65.02	-8.55	-73.57	-25.00	-48.57	peak	
5		475.230	-64.54	-7.88	-72.42	-25.00	-47.42	peak	
6		829.765	-66.87	-2.61	-69.48	-25.00	-44.48	peak	

Test Mode | LTE Band 7\_TX CH21100\_20M\_Second Antenna

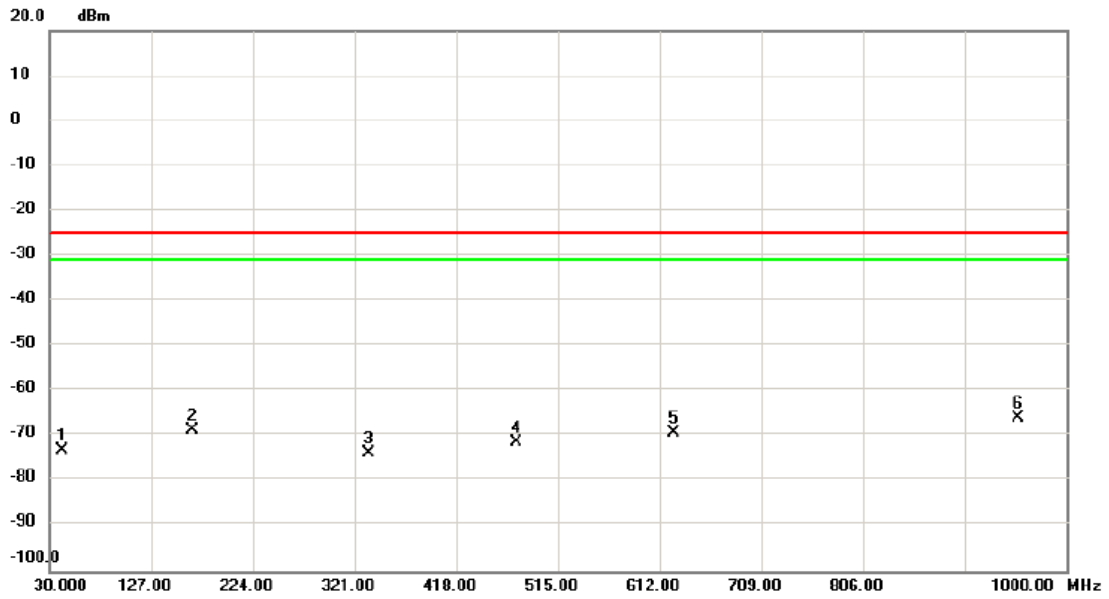
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	69.285	-53.71	-16.06	-69.77	-25.00	-44.77	peak	
2 *	169.195	-51.66	-12.31	-63.97	-25.00	-38.97	peak	
3	284.625	-62.06	-12.30	-74.36	-25.00	-49.36	peak	
4	480.080	-62.86	-7.84	-70.70	-25.00	-45.70	peak	
5	625.095	-65.34	-5.20	-70.54	-25.00	-45.54	peak	
6	836.070	-65.58	-2.54	-68.12	-25.00	-43.12	peak	

Test Mode | LTE Band 7\_TX CH21100\_20M\_Second Antenna

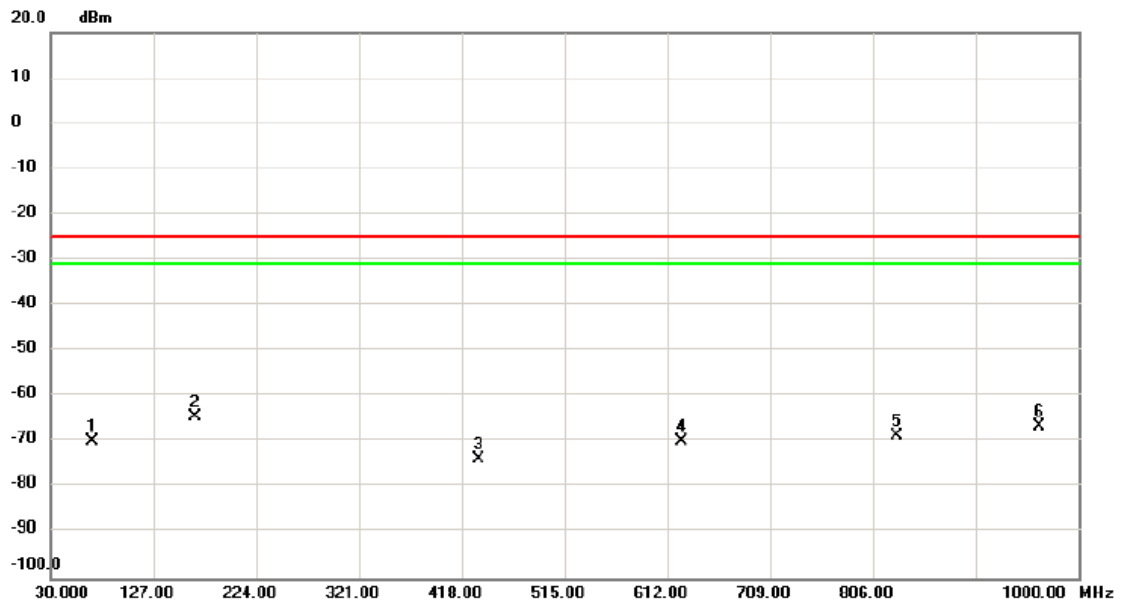
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	42.610	-58.72	-14.49	-73.21	-25.00	-48.21	peak	
2	166.770	-56.58	-11.97	-68.55	-25.00	-43.55	peak	
3	334.580	-62.89	-10.92	-73.81	-25.00	-48.81	peak	
4	475.230	-63.48	-7.88	-71.36	-25.00	-46.36	peak	
5	625.095	-64.01	-5.20	-69.21	-25.00	-44.21	peak	
6 *	953.925	-65.27	-0.72	-65.99	-25.00	-40.99	peak	

Test Mode | LTE Band 38\_TX CH38000\_5M\_Second Antenna

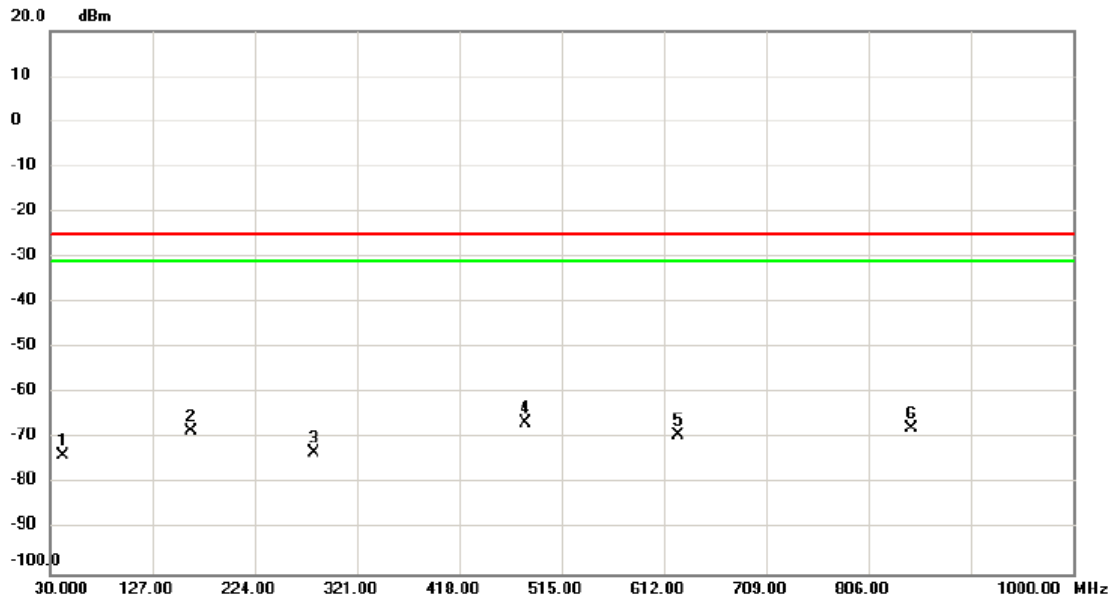
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	69.285	-53.64	-16.06	-69.70	-25.00	-44.70	peak	
2 *	166.770	-52.46	-11.97	-64.43	-25.00	-39.43	peak	
3	433.520	-65.23	-8.53	-73.76	-25.00	-48.76	peak	
4	625.095	-64.77	-5.20	-69.97	-25.00	-44.97	peak	
5	828.795	-66.08	-2.62	-68.70	-25.00	-43.70	peak	
6	962.655	-66.11	-0.56	-66.67	-25.00	-41.67	peak	

Test Mode | LTE Band 38\_TX CH38000\_5M\_Second Antenna

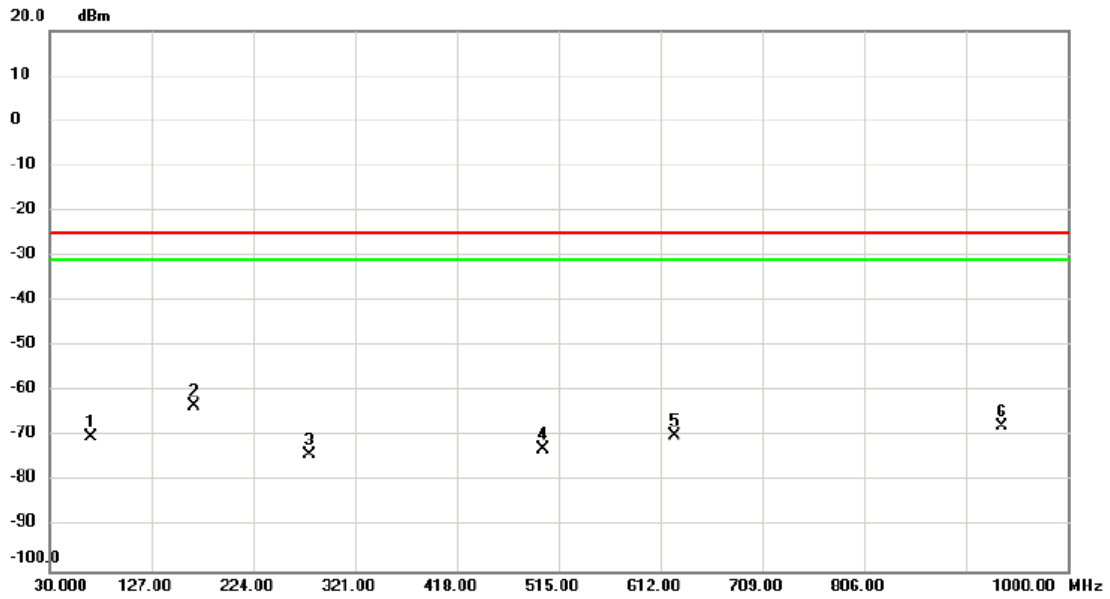
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-59.24	-14.49	-73.73	-25.00	-48.73	peak	
2		164.345	-56.67	-11.61	-68.28	-25.00	-43.28	peak	
3		280.260	-60.54	-12.59	-73.13	-25.00	-48.13	peak	
4	*	480.080	-58.59	-7.84	-66.43	-25.00	-41.43	peak	
5		625.095	-64.10	-5.20	-69.30	-25.00	-44.30	peak	
6		846.740	-65.43	-2.39	-67.82	-25.00	-42.82	peak	

Test Mode | LTE Band 38\_TX CH38000\_20M\_Second Antenna

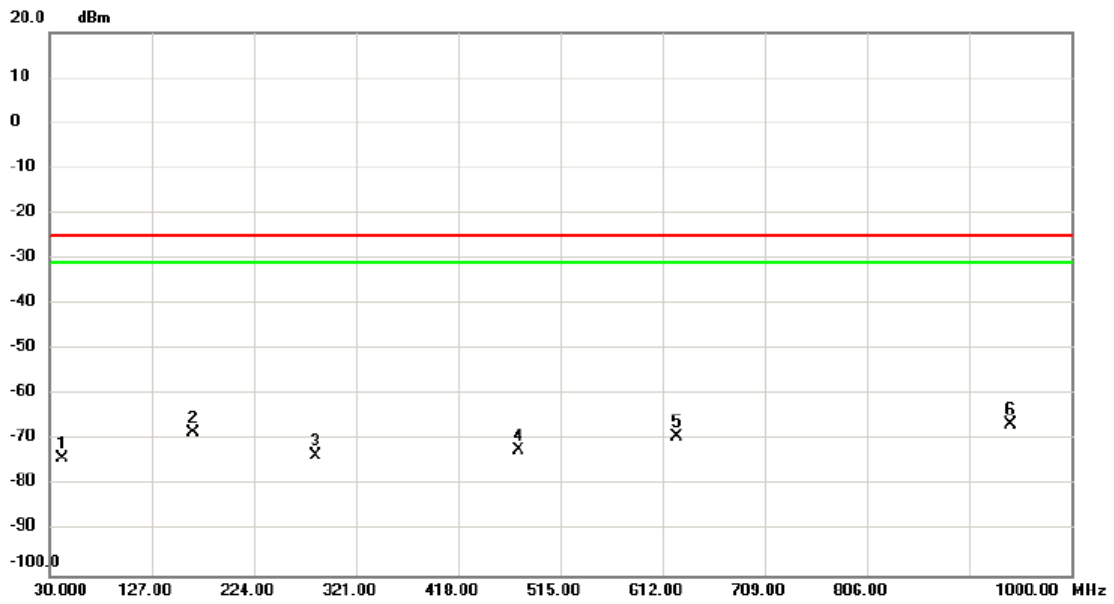
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		69.285	-53.99	-16.06	-70.05	-25.00	-45.05	peak	
2	*	168.225	-51.10	-12.17	-63.27	-25.00	-38.27	peak	
3		277.350	-61.43	-12.73	-74.16	-25.00	-49.16	peak	
4		499.965	-65.02	-7.68	-72.70	-25.00	-47.70	peak	
5		625.095	-64.74	-5.20	-69.94	-25.00	-44.94	peak	
6		936.950	-66.58	-1.07	-67.65	-25.00	-42.65	peak	

Test Mode | LTE Band 38\_TX CH38000\_20M\_Second Antenna

### Horizontal

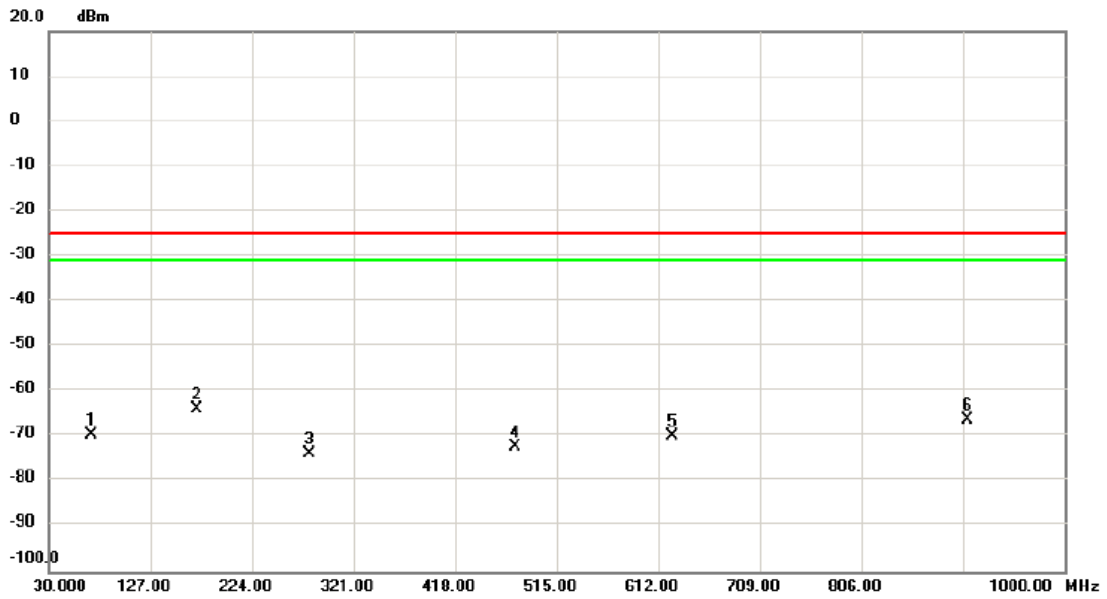


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-59.57	-14.49	-74.06	-25.00	-49.06	peak	
2		165.800	-56.45	-11.82	-68.27	-25.00	-43.27	peak	
3		282.685	-61.03	-12.44	-73.47	-25.00	-48.47	peak	
4		475.230	-64.40	-7.88	-72.28	-25.00	-47.28	peak	
5		625.095	-64.17	-5.20	-69.37	-25.00	-44.37	peak	
6	*	941.800	-65.49	-0.96	-66.45	-25.00	-41.45	peak	



Test Mode | LTE Band 41\_TX CH40620\_5M\_Second Antenna

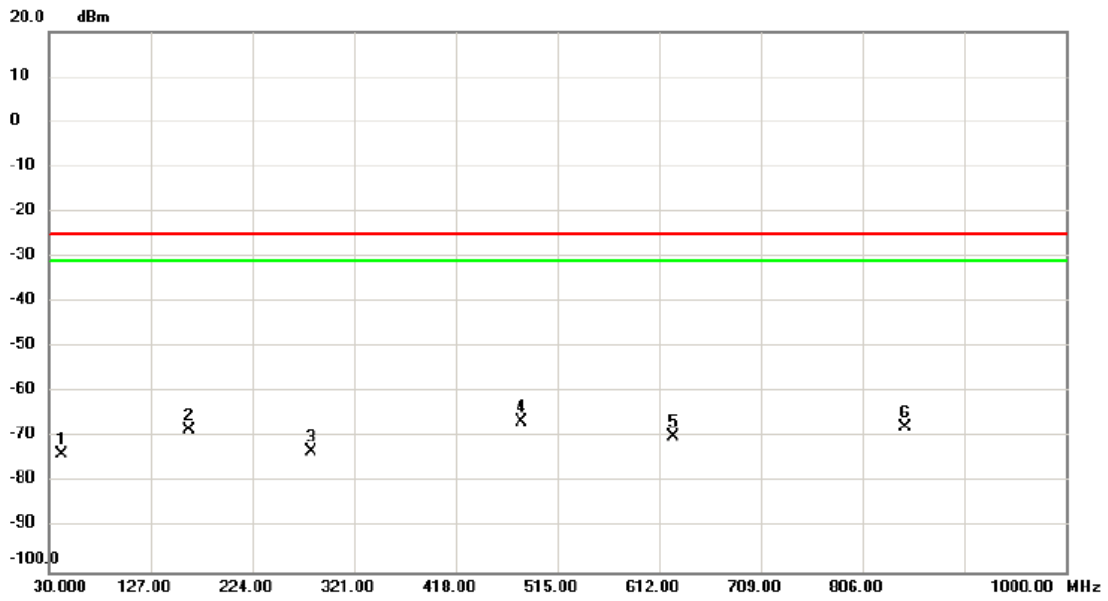
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		70.255	-53.37	-16.26	-69.63	-25.00	-44.63	peak	
2	*	171.135	-51.29	-12.50	-63.79	-25.00	-38.79	peak	
3		278.805	-60.99	-12.67	-73.66	-25.00	-48.66	peak	
4		475.230	-64.30	-7.88	-72.18	-25.00	-47.18	peak	
5		625.095	-64.55	-5.20	-69.75	-25.00	-44.75	peak	
6		907.850	-64.55	-1.73	-66.28	-25.00	-41.28	peak	

Test Mode | LTE Band 41\_TX CH40620\_5M\_Second Antenna

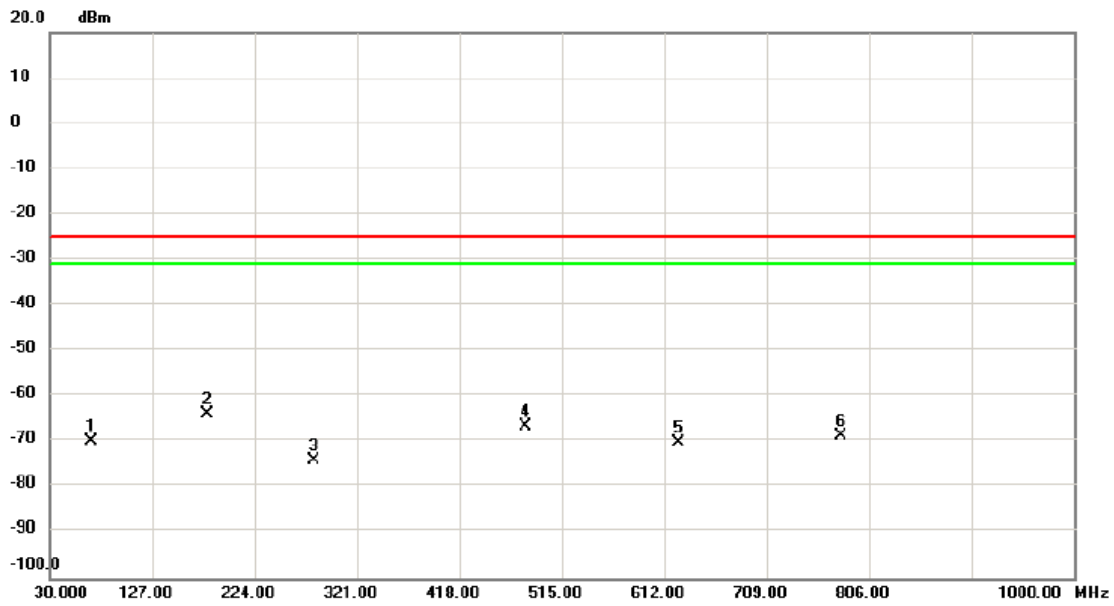
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.610	-59.24	-14.49	-73.73	-25.00	-48.73	peak	
2		164.345	-56.67	-11.61	-68.28	-25.00	-43.28	peak	
3		280.260	-60.54	-12.59	-73.13	-25.00	-48.13	peak	
4	*	480.080	-58.59	-7.84	-66.43	-25.00	-41.43	peak	
5		625.095	-64.51	-5.20	-69.71	-25.00	-44.71	peak	
6		846.740	-65.43	-2.39	-67.82	-25.00	-42.82	peak	

Test Mode | LTE Band 41\_TX CH40620\_20M\_Second Antenna

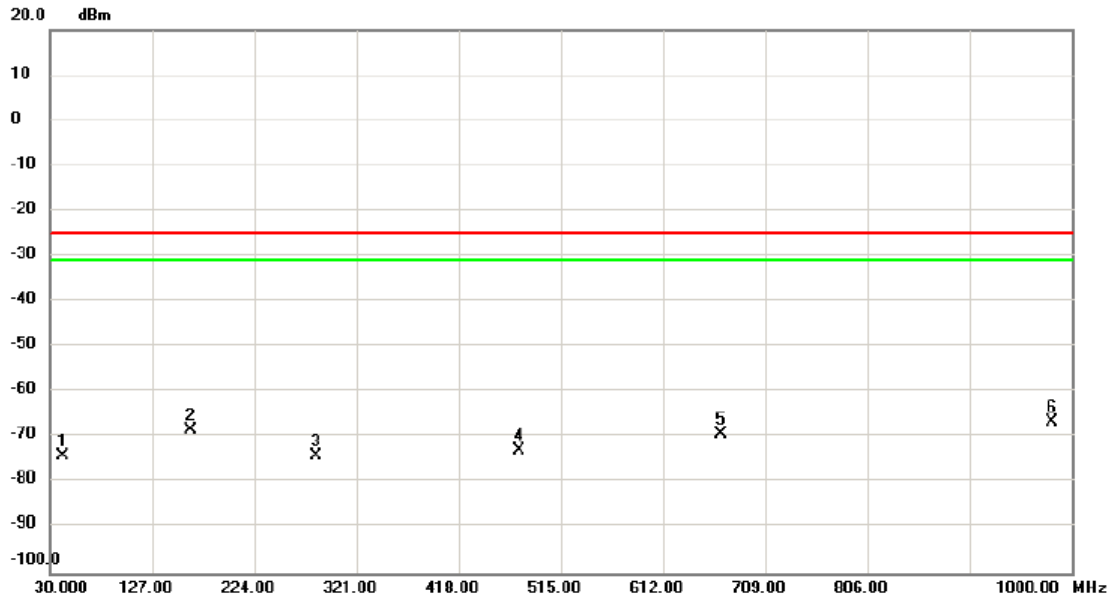
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		69.285	-53.78	-16.06	-69.84	-25.00	-44.84	peak	
2	*	179.380	-50.80	-13.09	-63.89	-25.00	-38.89	peak	
3		280.745	-61.60	-12.57	-74.17	-25.00	-49.17	peak	
4		480.080	-58.60	-7.84	-66.44	-25.00	-41.44	peak	
5		625.095	-65.05	-5.20	-70.25	-25.00	-45.25	peak	
6		779.810	-65.35	-3.26	-68.61	-25.00	-43.61	peak	

Test Mode | LTE Band 41\_TX CH40620\_20M\_Second Antenna

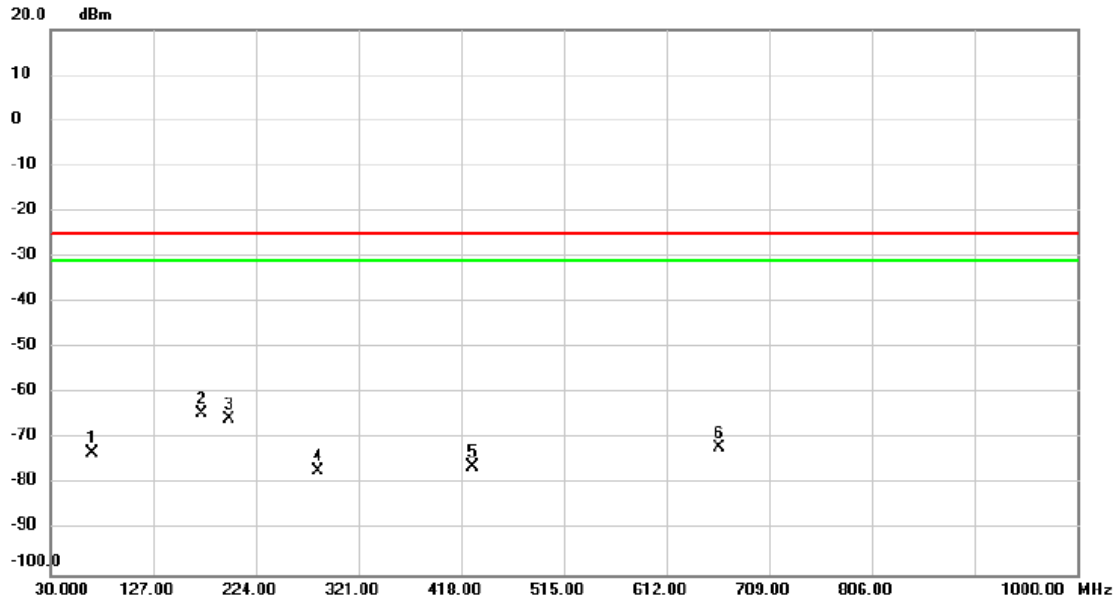
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	42.610	-59.65	-14.49	-74.14	-25.00	-49.14	peak	
2	164.345	-56.86	-11.61	-68.47	-25.00	-43.47	peak	
3	282.685	-61.46	-12.44	-73.90	-25.00	-48.90	peak	
4	475.230	-64.87	-7.88	-72.75	-25.00	-47.75	peak	
5	666.320	-64.78	-4.46	-69.24	-25.00	-44.24	peak	
6 *	981.570	-66.27	-0.24	-66.51	-25.00	-41.51	peak	

Test Mode	LTE CA_7C_TX Mid-Range_20M+10M_Second Antenna
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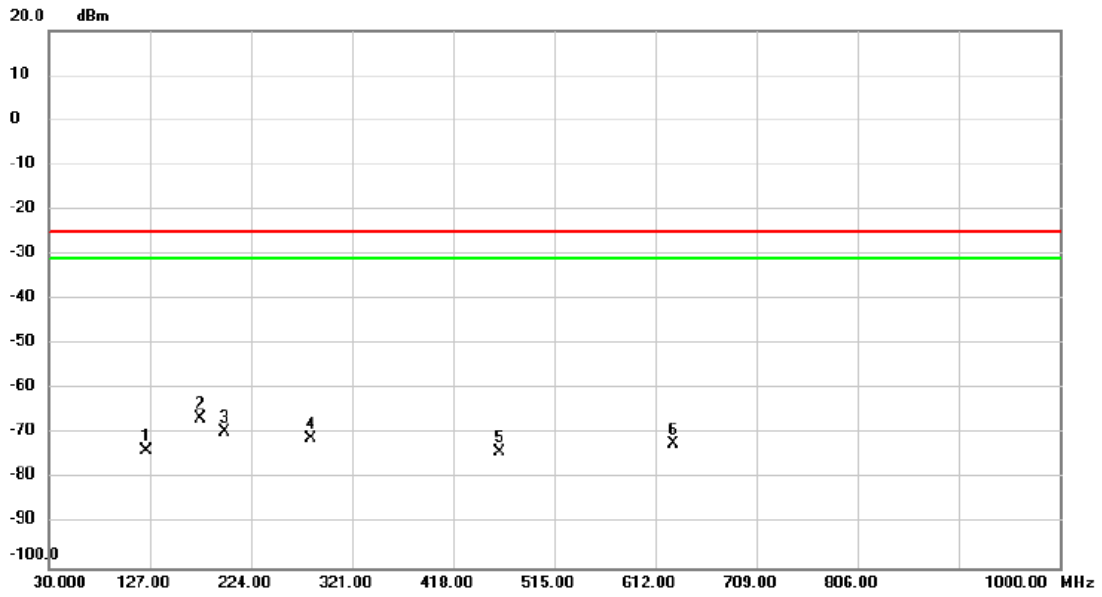
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		68.800	-57.34	-15.96	-73.30	-25.00	-48.30	peak	
2	*	173.075	-51.94	-12.65	-64.59	-25.00	-39.59	peak	
3		198.295	-50.55	-15.05	-65.60	-25.00	-40.60	peak	
4		282.200	-64.44	-12.47	-76.91	-25.00	-51.91	peak	
5		429.155	-67.47	-8.65	-76.12	-25.00	-51.12	peak	
6		661.955	-67.31	-4.51	-71.82	-25.00	-46.82	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+10M\_Second Antenna

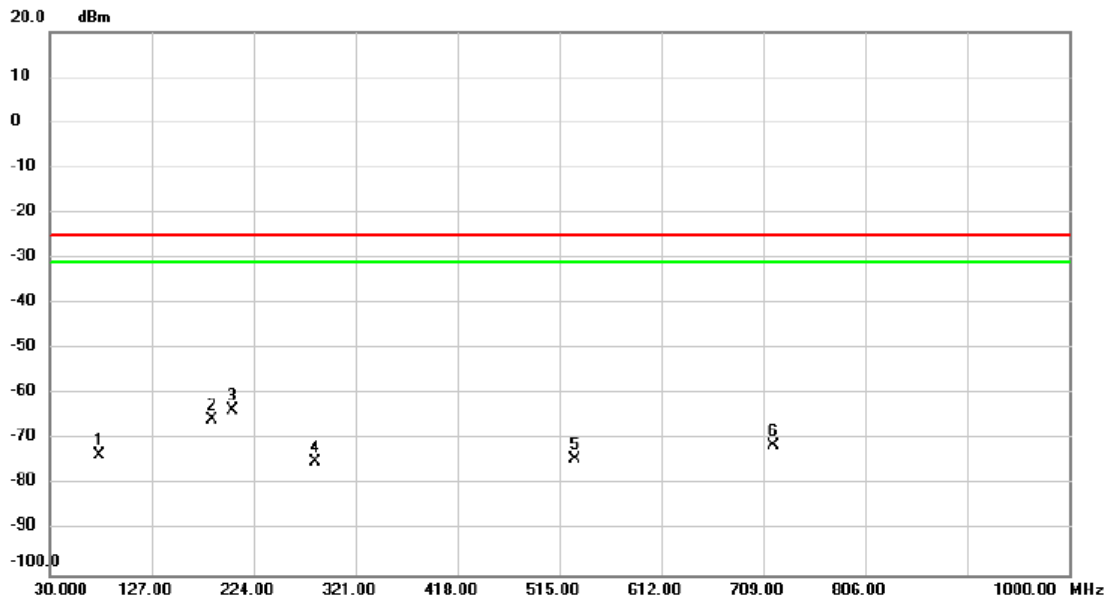
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		123.605	-60.72	-13.04	-73.76	-25.00	-48.76	peak	
2	*	175.015	-53.78	-12.78	-66.56	-25.00	-41.56	peak	
3		198.780	-54.31	-15.09	-69.40	-25.00	-44.40	peak	
4		281.230	-58.62	-12.53	-71.15	-25.00	-46.15	peak	
5		463.105	-66.05	-7.98	-74.03	-25.00	-49.03	peak	
6		628.975	-67.14	-5.12	-72.26	-25.00	-47.26	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_15M+10M\_Second Antenna

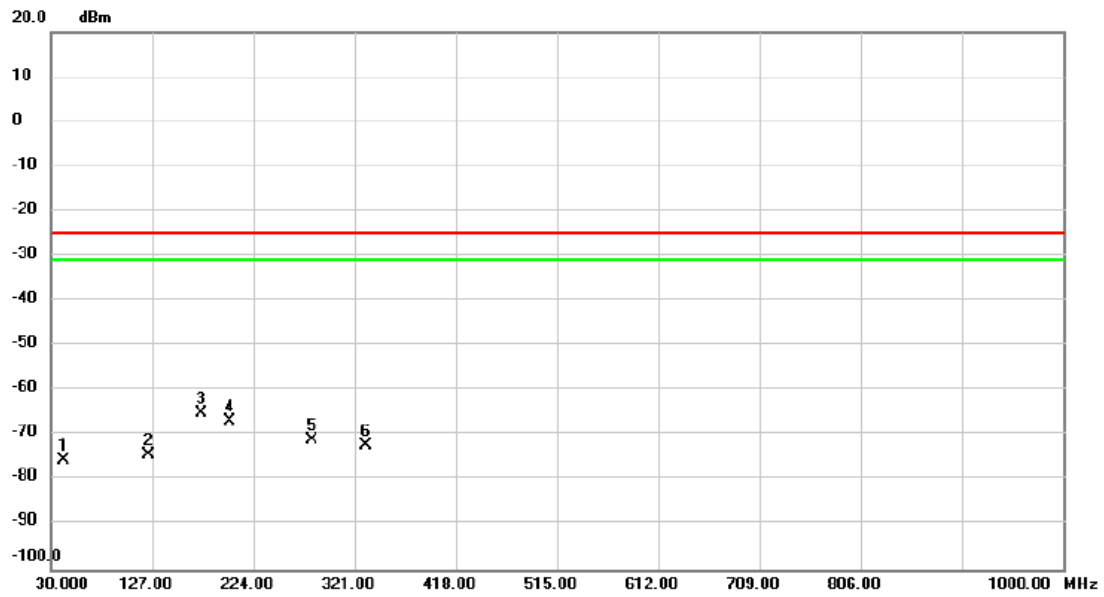
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	77.045	-55.99	-17.52	-73.51	-25.00	-48.51	peak	
2	184.715	-51.92	-13.76	-65.68	-25.00	-40.68	peak	
3 *	203.630	-48.17	-15.33	-63.50	-25.00	-38.50	peak	
4	283.170	-62.64	-12.40	-75.04	-25.00	-50.04	peak	
5	529.550	-67.02	-7.40	-74.42	-25.00	-49.42	peak	
6	718.215	-67.40	-3.88	-71.28	-25.00	-46.28	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_15M+10M\_Second Antenna

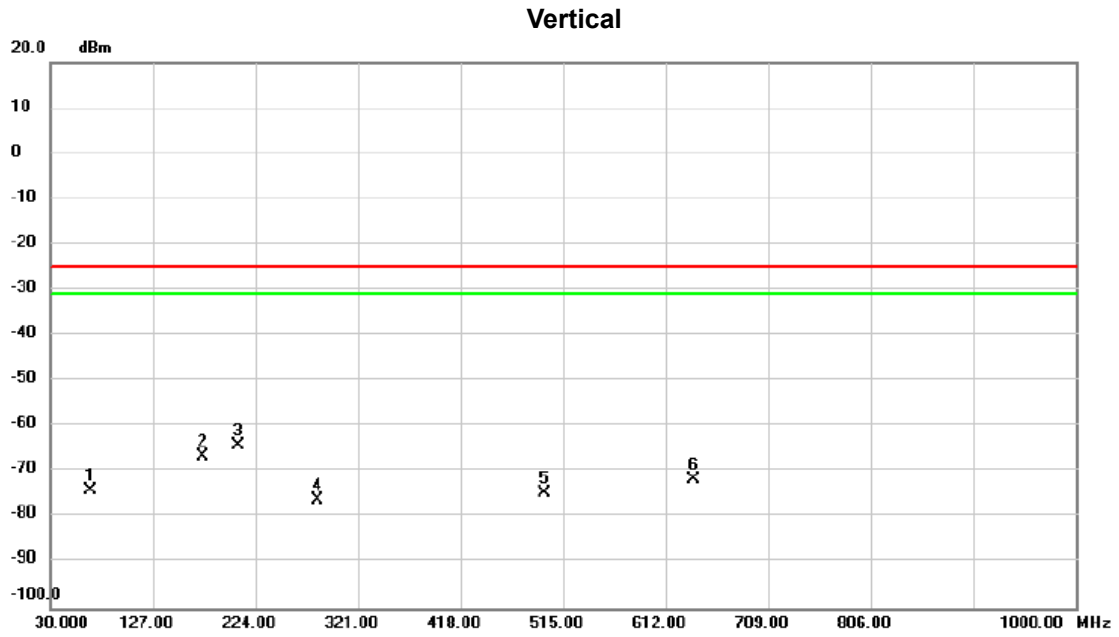
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		42.125	-61.19	-14.44	-75.63	-25.00	-50.63	peak	
2		124.090	-61.20	-13.03	-74.23	-25.00	-49.23	peak	
3	*	173.560	-52.44	-12.67	-65.11	-25.00	-40.11	peak	
4		201.205	-51.60	-15.23	-66.83	-25.00	-41.83	peak	
5		280.745	-58.38	-12.57	-70.95	-25.00	-45.95	peak	
6		331.670	-61.20	-10.97	-72.17	-25.00	-47.17	peak	



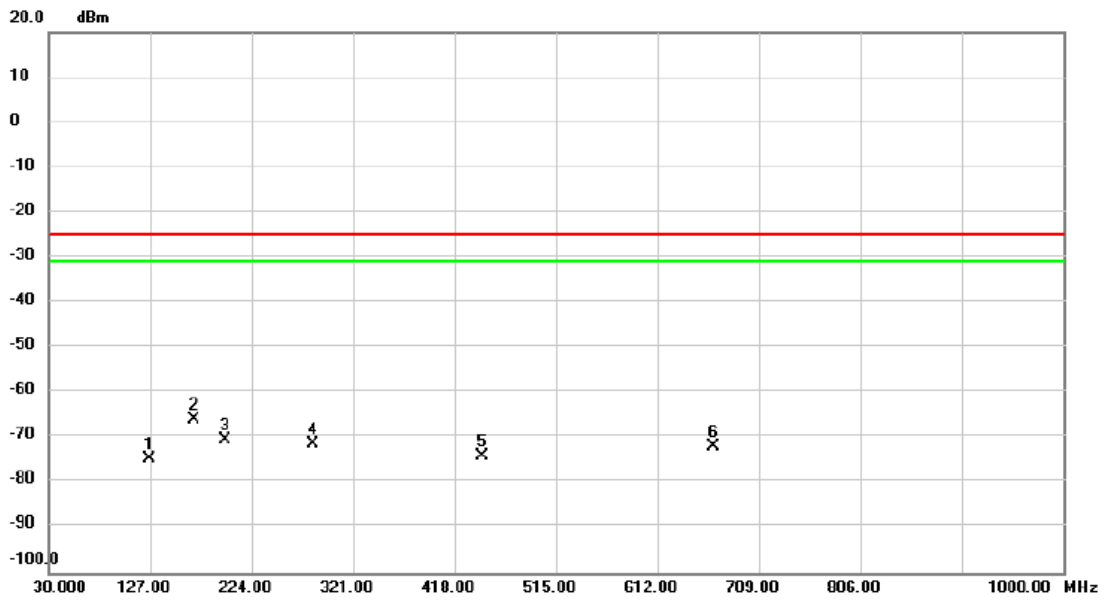
Test Mode	LTE CA_7C_TX Mid-Range_20M+15M_Second Antenna
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		68.315	-58.09	-15.87	-73.96	-25.00	-48.96	peak	
2		174.530	-53.91	-12.75	-66.66	-25.00	-41.66	peak	
3	*	207.995	-48.65	-15.53	-64.18	-25.00	-39.18	peak	
4		282.685	-63.62	-12.44	-76.06	-25.00	-51.06	peak	
5		497.540	-66.95	-7.70	-74.65	-25.00	-49.65	peak	
6		638.190	-66.69	-4.92	-71.61	-25.00	-46.61	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+15M\_Second Antenna

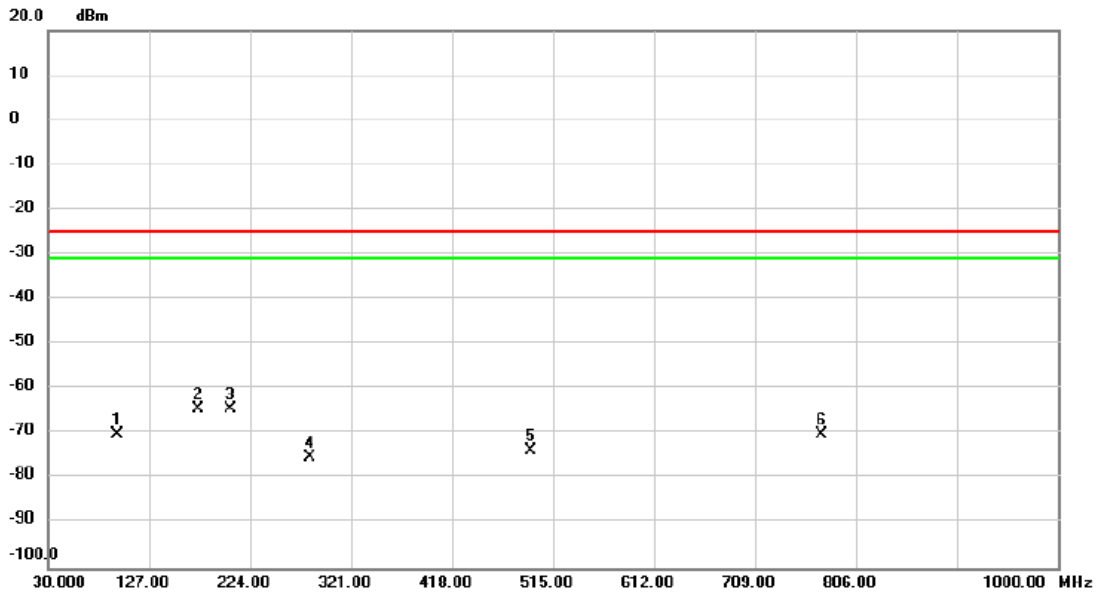
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	126.515	-61.61	-13.05	-74.66	-25.00	-49.66	peak	
2 *	168.710	-53.59	-12.24	-65.83	-25.00	-40.83	peak	
3	199.265	-55.20	-15.12	-70.32	-25.00	-45.32	peak	
4	282.200	-58.90	-12.47	-71.37	-25.00	-46.37	peak	
5	444.190	-65.87	-8.23	-74.10	-25.00	-49.10	peak	
6	665.835	-67.50	-4.46	-71.96	-25.00	-46.96	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+20M\_Second Antenna

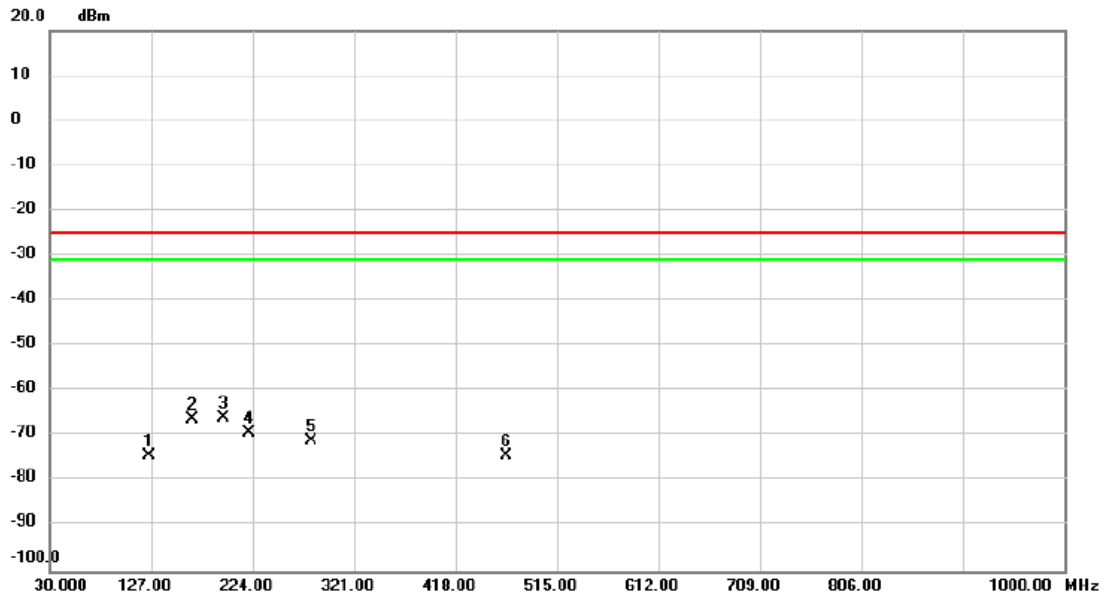
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	95.960	-54.79	-15.49	-70.28	-25.00	-45.28	peak	
2 *	174.530	-51.58	-12.75	-64.33	-25.00	-39.33	peak	
3	205.570	-49.12	-15.42	-64.54	-25.00	-39.54	peak	
4	281.715	-62.69	-12.50	-75.19	-25.00	-50.19	peak	
5	493.660	-66.09	-7.73	-73.82	-25.00	-48.82	peak	
6	772.535	-66.84	-3.36	-70.20	-25.00	-45.20	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+20M\_Second Antenna

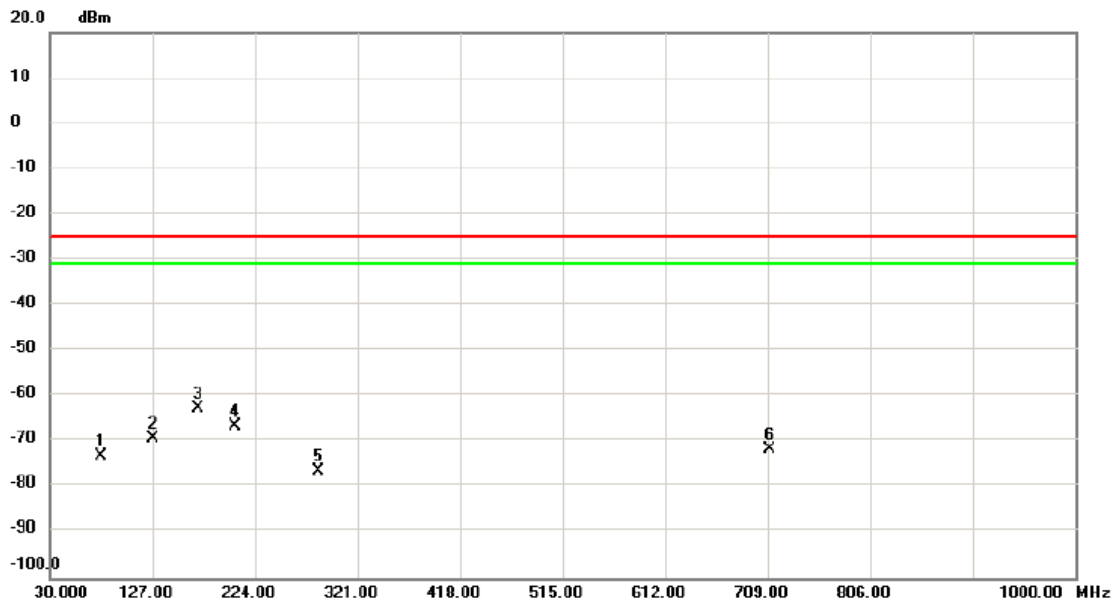
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		124.575	-61.25	-13.04	-74.29	-25.00	-49.29	peak	
2		166.770	-54.19	-11.97	-66.16	-25.00	-41.16	peak	
3	*	195.870	-51.05	-14.89	-65.94	-25.00	-40.94	peak	
4		220.605	-54.49	-14.62	-69.11	-25.00	-44.11	peak	
5		280.260	-58.52	-12.59	-71.11	-25.00	-46.11	peak	
6		466.500	-66.36	-7.95	-74.31	-25.00	-49.31	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_15M+15M\_Second Antenna

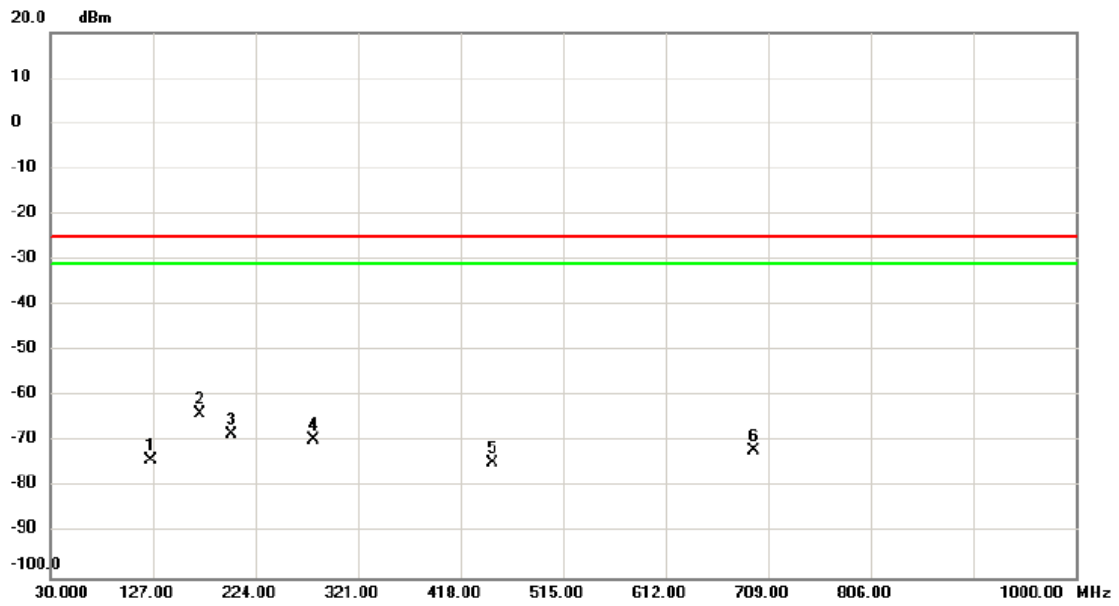
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	78.500	-55.30	-17.76	-73.06	-25.00	-48.06	peak	
2	127.970	-56.31	-13.05	-69.36	-25.00	-44.36	peak	
3 *	169.680	-50.22	-12.38	-62.60	-25.00	-37.60	peak	
4	204.600	-51.10	-15.37	-66.47	-25.00	-41.47	peak	
5	284.140	-64.17	-12.33	-76.50	-25.00	-51.50	peak	
6	710.455	-67.66	-3.94	-71.60	-25.00	-46.60	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_15M+15M\_Second Antenna

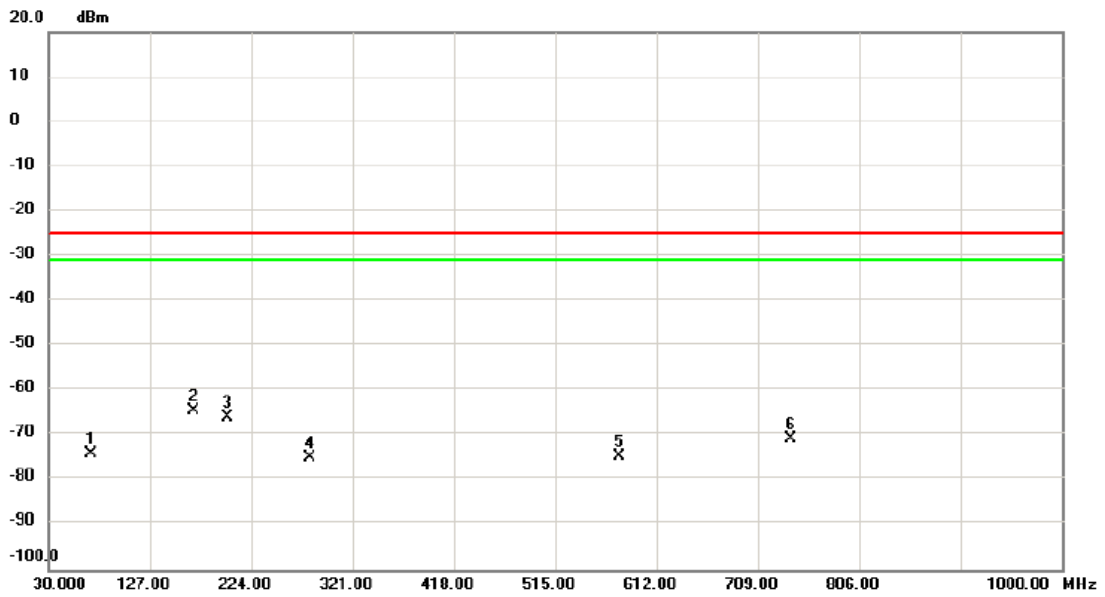
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		125.060	-61.12	-13.04	-74.16	-25.00	-49.16	peak	
2	*	171.620	-51.30	-12.53	-63.83	-25.00	-38.83	peak	
3		201.690	-53.19	-15.25	-68.44	-25.00	-43.44	peak	
4		279.290	-56.84	-12.64	-69.48	-25.00	-44.48	peak	
5		448.555	-66.43	-8.11	-74.54	-25.00	-49.54	peak	
6		695.905	-67.86	-4.07	-71.93	-25.00	-46.93	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_20M+20M\_Second Antenna

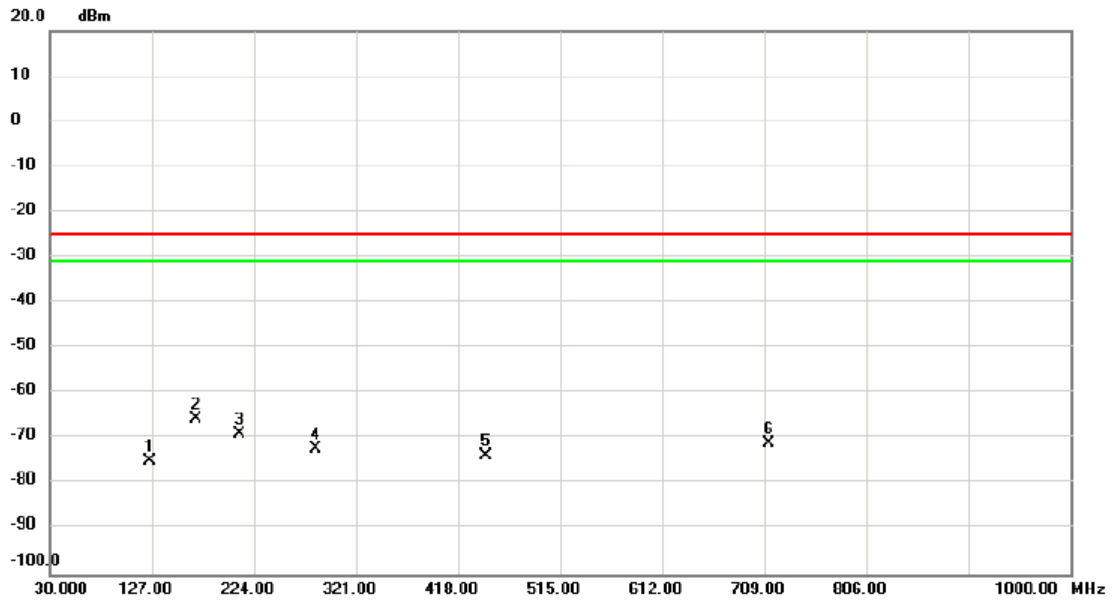
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		70.255	-57.93	-16.26	-74.19	-25.00	-49.19	peak	
2	*	168.710	-52.13	-12.24	-64.37	-25.00	-39.37	peak	
3		201.690	-50.58	-15.25	-65.83	-25.00	-40.83	peak	
4		280.745	-62.33	-12.57	-74.90	-25.00	-49.90	peak	
5		576.595	-68.08	-6.42	-74.50	-25.00	-49.50	peak	
6		740.525	-67.17	-3.72	-70.89	-25.00	-45.89	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_20M+20M\_Second Antenna

### Horizontal

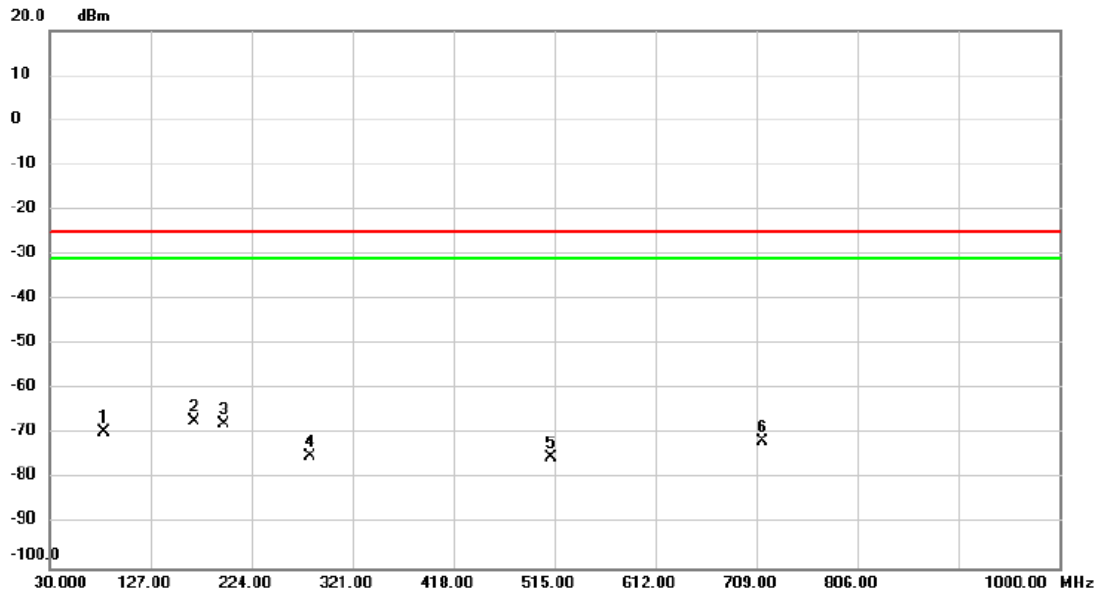


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	125.545	-61.91	-13.04	-74.95	-25.00	-49.95	peak	
2 *	168.710	-53.40	-12.24	-65.64	-25.00	-40.64	peak	
3	209.935	-53.39	-15.62	-69.01	-25.00	-44.01	peak	
4	282.200	-59.65	-12.47	-72.12	-25.00	-47.12	peak	
5	444.190	-65.63	-8.23	-73.86	-25.00	-48.86	peak	
6	713.365	-67.02	-3.92	-70.94	-25.00	-45.94	peak	



Test Mode | LTE CA\_41C\_TX Mid-Range\_15M+10M\_Second Antenna

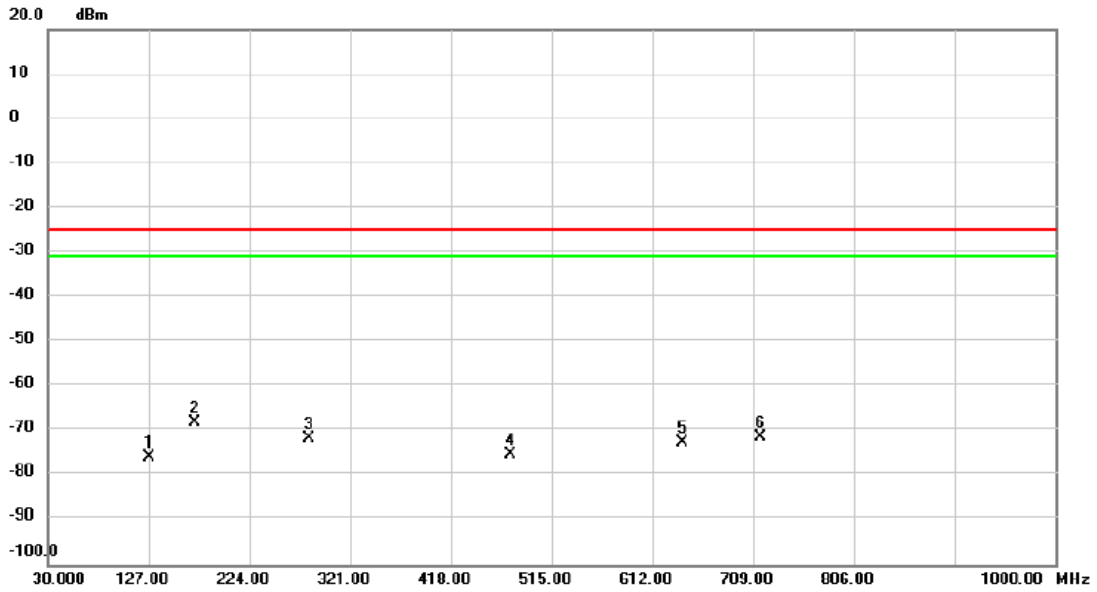
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	81.895	-51.98	-17.66	-69.64	-25.00	-44.64	peak	
2 *	169.195	-54.94	-12.31	-67.25	-25.00	-42.25	peak	
3	196.840	-52.93	-14.95	-67.88	-25.00	-42.88	peak	
4	280.745	-62.24	-12.57	-74.81	-25.00	-49.81	peak	
5	511.605	-67.76	-7.57	-75.33	-25.00	-50.33	peak	
6	714.820	-67.80	-3.91	-71.71	-25.00	-46.71	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_15M+10M\_Second Antenna

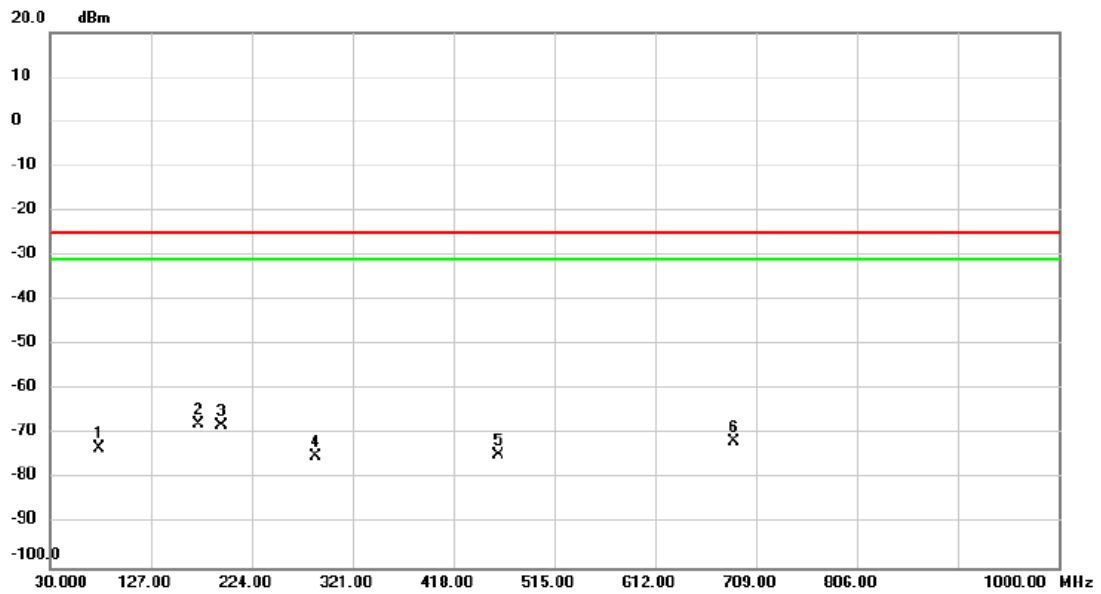
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		127.485	-62.82	-13.04	-75.86	-25.00	-50.86	peak	
2	*	172.105	-55.35	-12.57	-67.92	-25.00	-42.92	peak	
3		281.715	-59.02	-12.50	-71.52	-25.00	-46.52	peak	
4		475.715	-67.30	-7.87	-75.17	-25.00	-50.17	peak	
5		641.585	-67.81	-4.85	-72.66	-25.00	-47.66	peak	
6		716.275	-67.47	-3.89	-71.36	-25.00	-46.36	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+10M\_Second Antenna

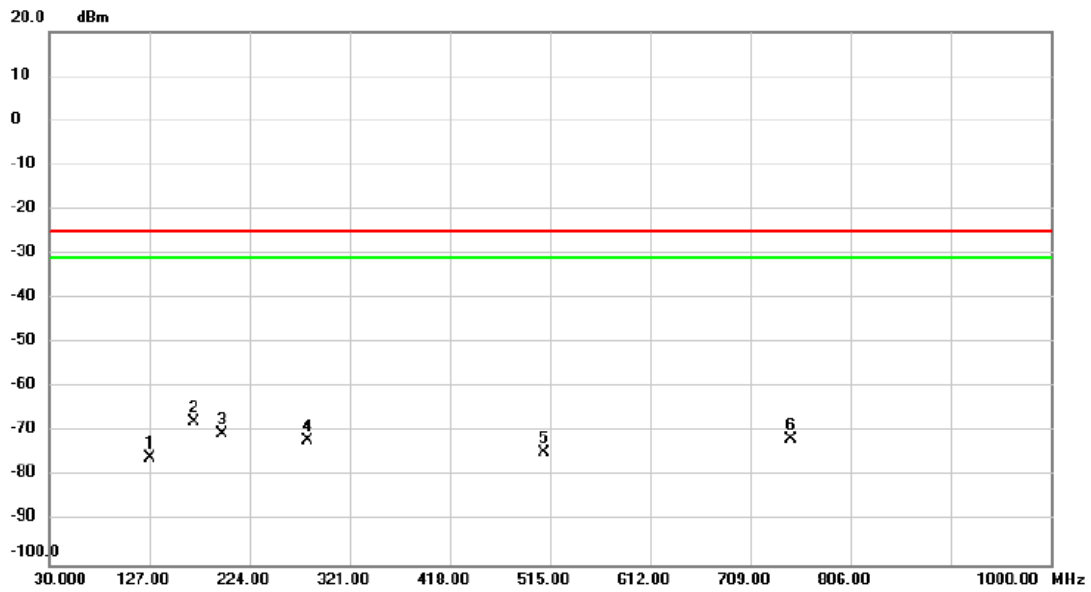
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		77.530	-55.70	-17.60	-73.30	-25.00	-48.30	peak	
2	*	172.590	-55.13	-12.61	-67.74	-25.00	-42.74	peak	
3		195.385	-53.32	-14.85	-68.17	-25.00	-43.17	peak	
4		285.110	-62.83	-12.26	-75.09	-25.00	-50.09	peak	
5		461.165	-66.76	-7.98	-74.74	-25.00	-49.74	peak	
6		688.145	-67.59	-4.17	-71.76	-25.00	-46.76	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+10M\_Second Antenna

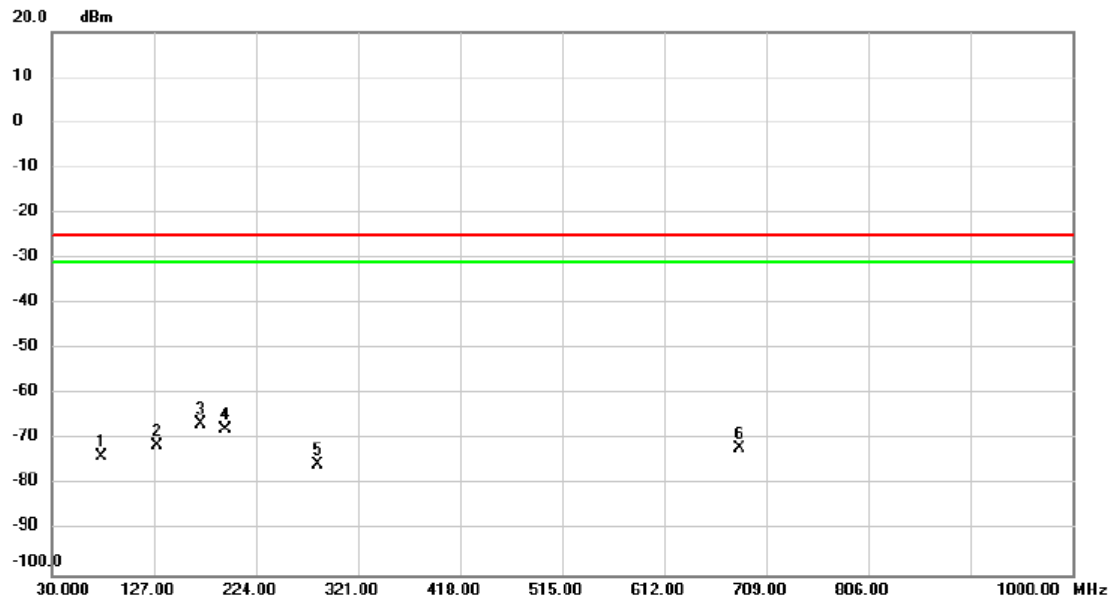
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		127.000	-62.89	-13.04	-75.93	-25.00	-50.93	peak	
2	*	170.165	-55.45	-12.42	-67.87	-25.00	-42.87	peak	
3		197.810	-55.33	-15.01	-70.34	-25.00	-45.34	peak	
4		279.775	-59.37	-12.62	-71.99	-25.00	-46.99	peak	
5		509.665	-67.02	-7.59	-74.61	-25.00	-49.61	peak	
6		748.770	-68.03	-3.65	-71.68	-25.00	-46.68	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+15M\_Second Antenna

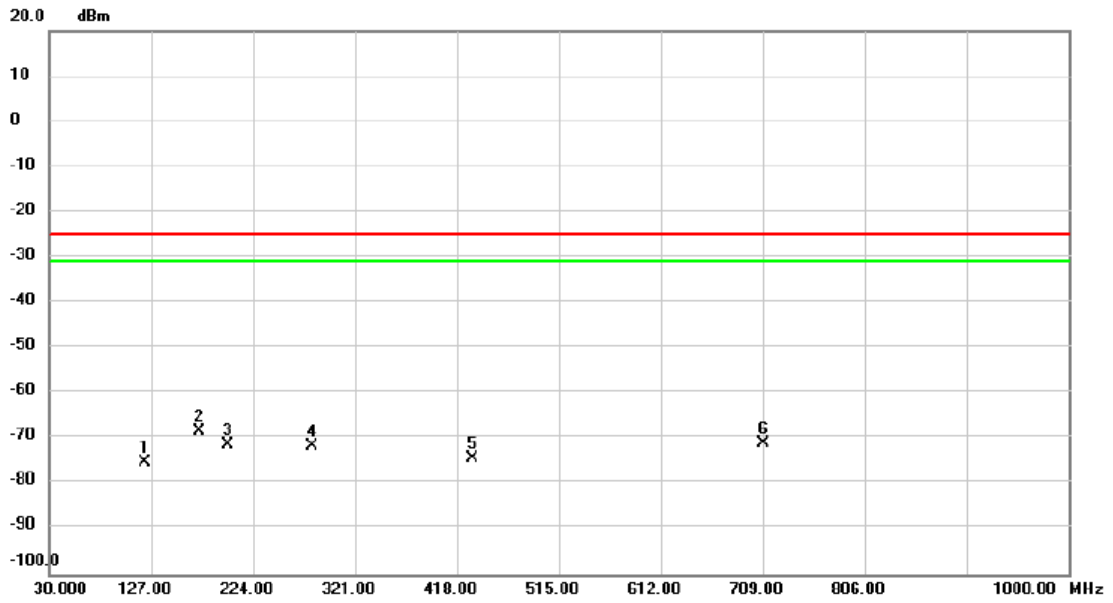
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	77.530	-56.28	-17.60	-73.88	-25.00	-48.88	peak	
2	130.395	-58.34	-13.04	-71.38	-25.00	-46.38	peak	
3 *	171.620	-54.01	-12.53	-66.54	-25.00	-41.54	peak	
4	194.900	-52.90	-14.81	-67.71	-25.00	-42.71	peak	
5	283.170	-63.29	-12.40	-75.69	-25.00	-50.69	peak	
6	684.265	-67.71	-4.22	-71.93	-25.00	-46.93	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+15M\_Second Antenna

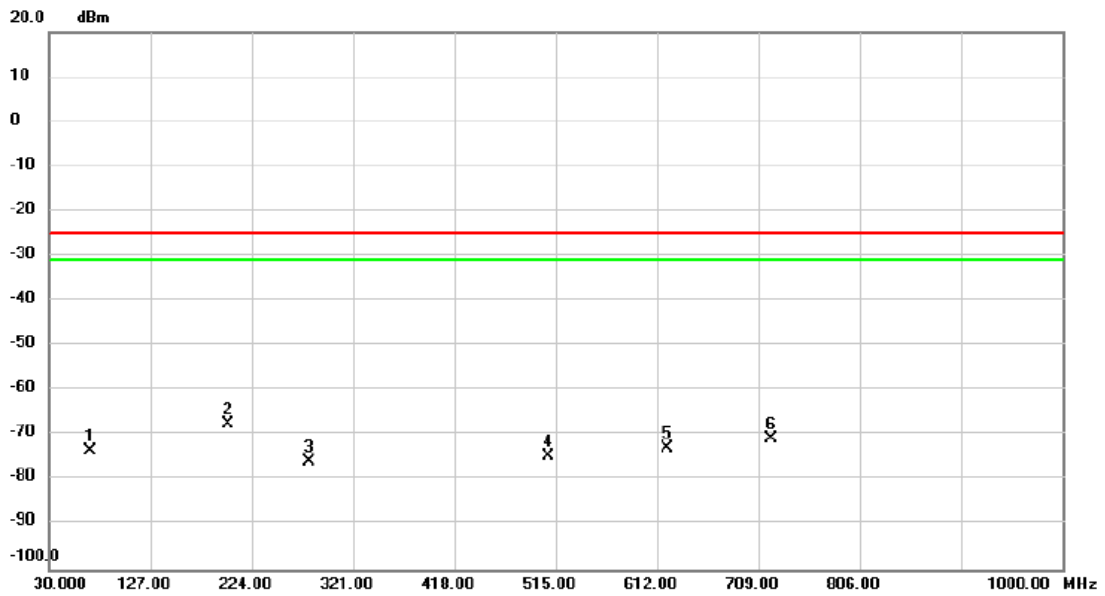
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		121.665	-62.09	-13.04	-75.13	-25.00	-50.13	peak	
2	*	173.075	-55.69	-12.65	-68.34	-25.00	-43.34	peak	
3		199.750	-56.15	-15.16	-71.31	-25.00	-46.31	peak	
4		280.745	-59.00	-12.57	-71.57	-25.00	-46.57	peak	
5		433.035	-65.91	-8.55	-74.46	-25.00	-49.46	peak	
6		709.970	-67.00	-3.93	-70.93	-25.00	-45.93	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+20M\_Second Antenna

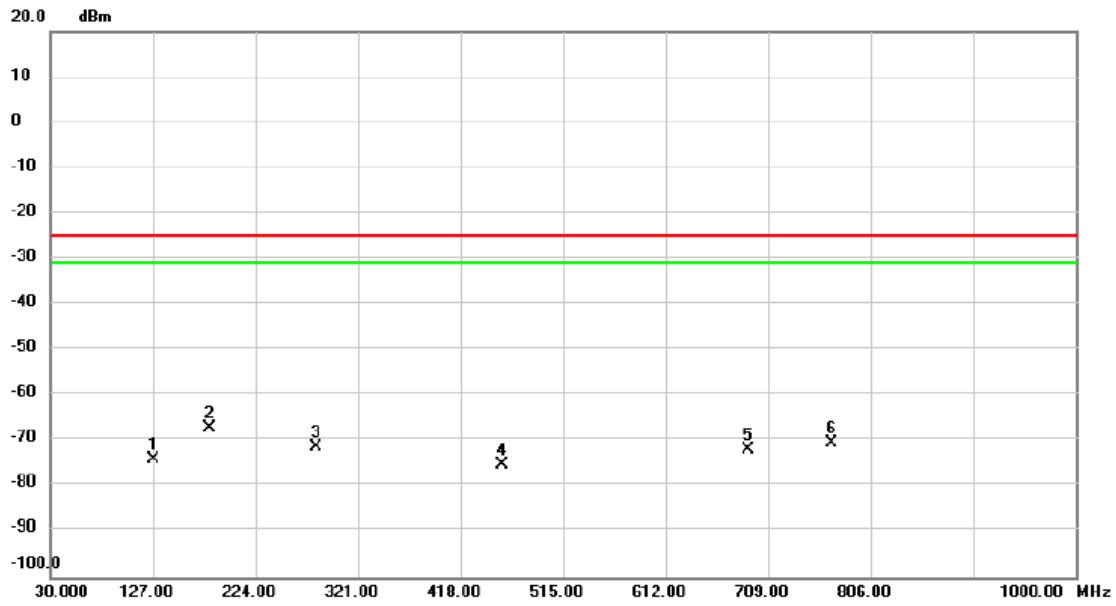
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		69.770	-57.41	-16.16	-73.57	-25.00	-48.57	peak	
2	*	200.720	-52.21	-15.22	-67.43	-25.00	-42.43	peak	
3		278.805	-63.06	-12.67	-75.73	-25.00	-50.73	peak	
4		507.240	-67.18	-7.62	-74.80	-25.00	-49.80	peak	
5		621.700	-67.42	-5.28	-72.70	-25.00	-47.70	peak	
6		721.610	-66.91	-3.85	-70.76	-25.00	-45.76	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+20M\_Second Antenna

### Horizontal



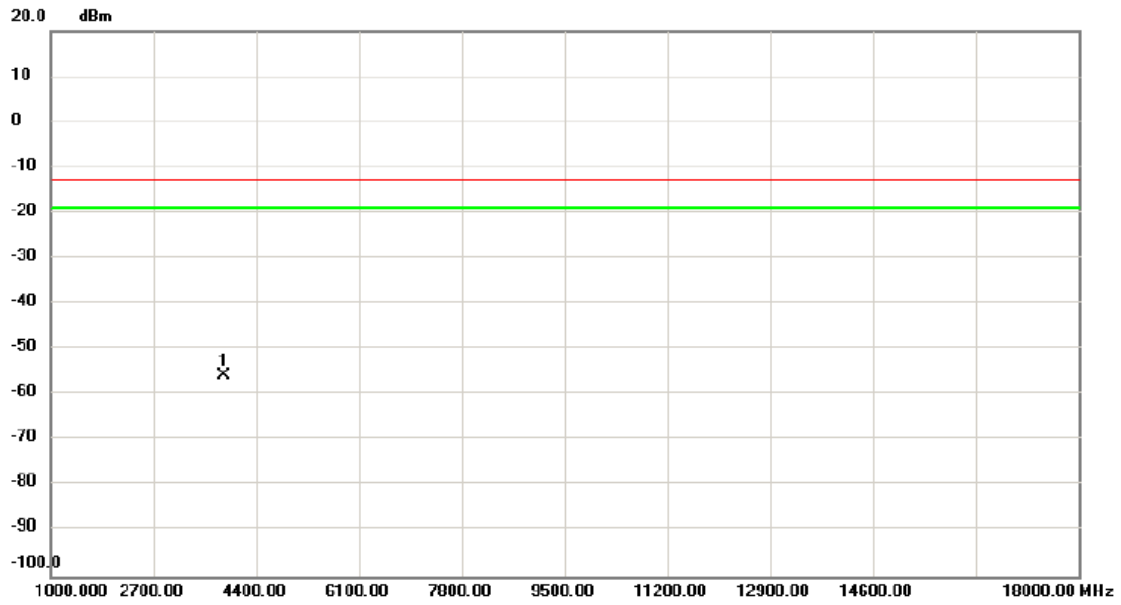
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		127.000	-61.15	-13.04	-74.19	-25.00	-49.19	peak	
2	*	180.350	-53.88	-13.19	-67.07	-25.00	-42.07	peak	
3		281.715	-58.75	-12.50	-71.25	-25.00	-46.25	peak	
4		457.770	-67.37	-8.02	-75.39	-25.00	-50.39	peak	
5		690.570	-67.75	-4.14	-71.89	-25.00	-46.89	peak	
6		769.140	-67.18	-3.40	-70.58	-25.00	-45.58	peak	



## **APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1GHZ)**

Test Mode | WCDMA Band IV\_TX CH1413\_Main Antenna

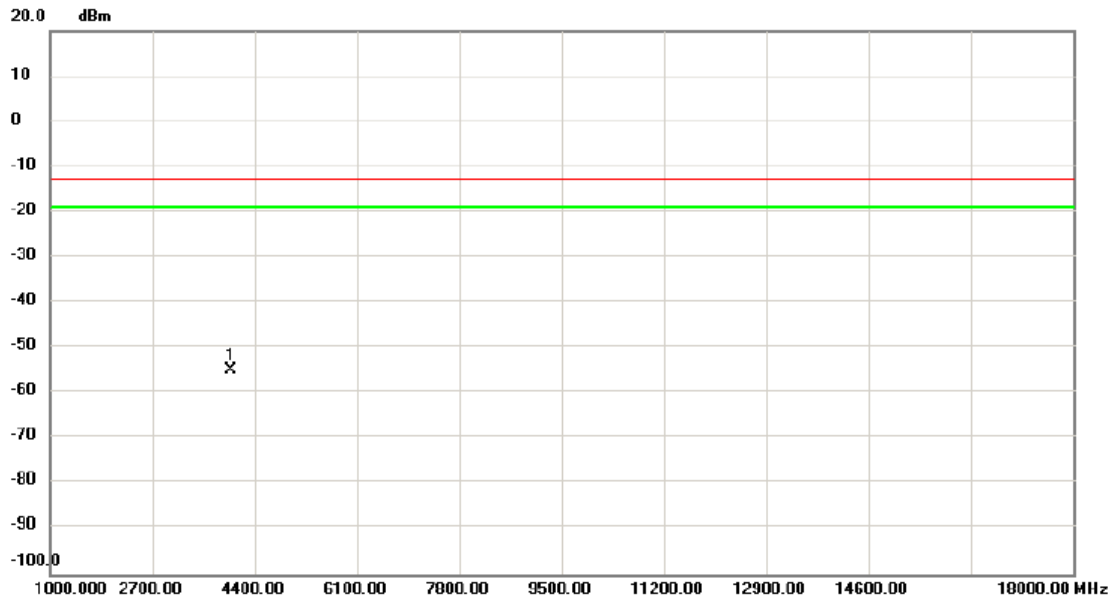
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3856.000	-56.67	0.93	-55.74	-13.00	-42.74	peak	

Test Mode	WCDMA Band IV_TX CH1413_Main Antenna
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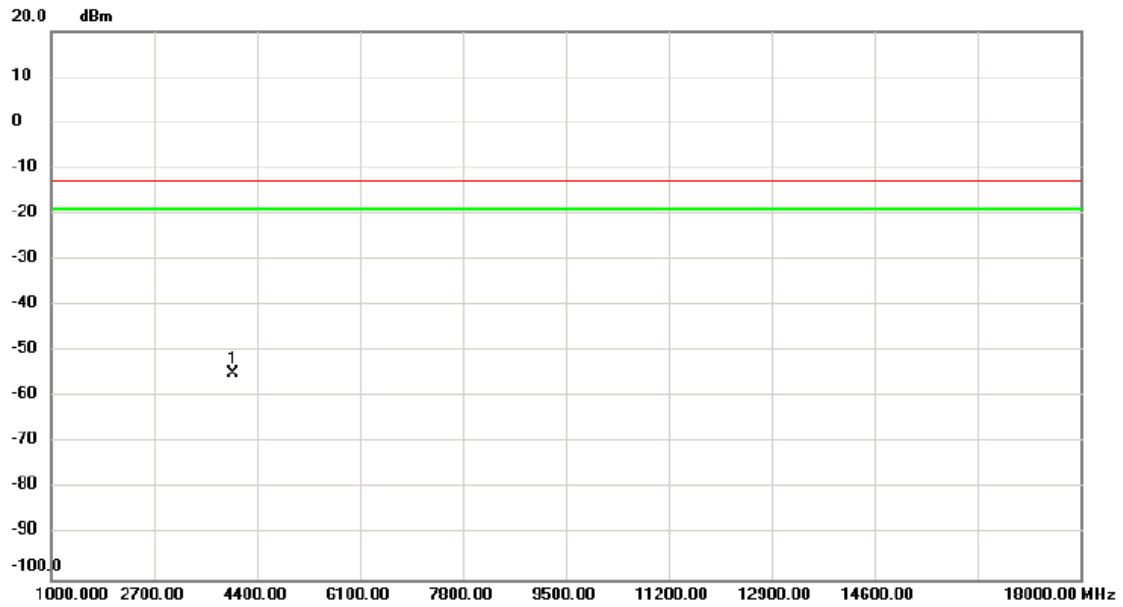
### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	4009.000	-56.19	1.21	-54.98	-13.00	-41.98	peak	

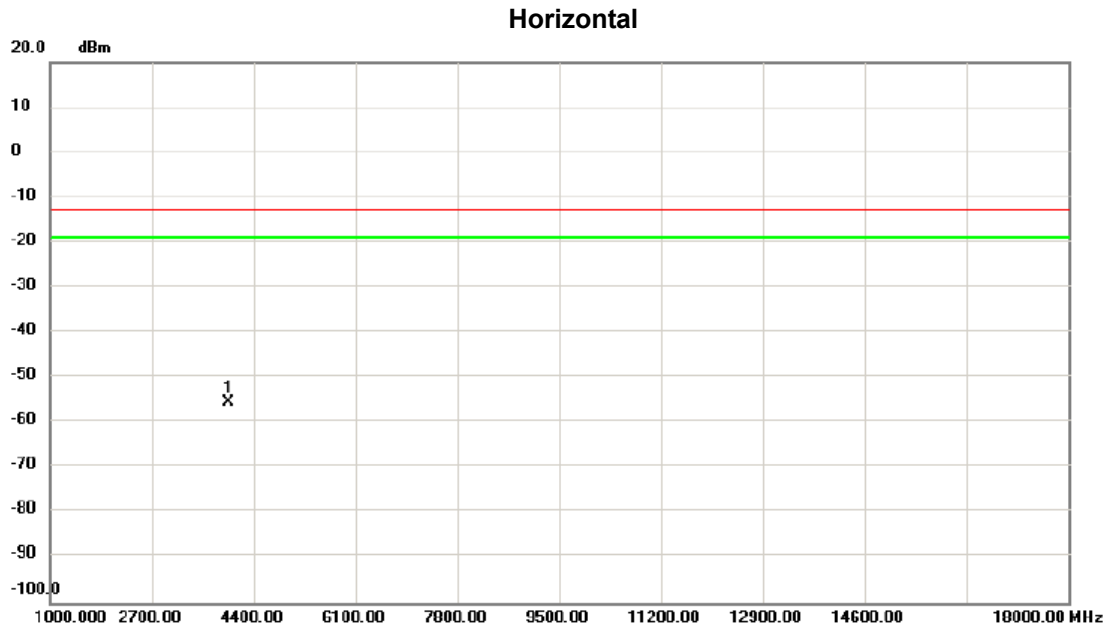
Test Mode | WCDMA Band IV\_TX CH1413\_Second Antenna

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	4000.500	-56.02	1.20	-54.82	-13.00	-41.82	peak	

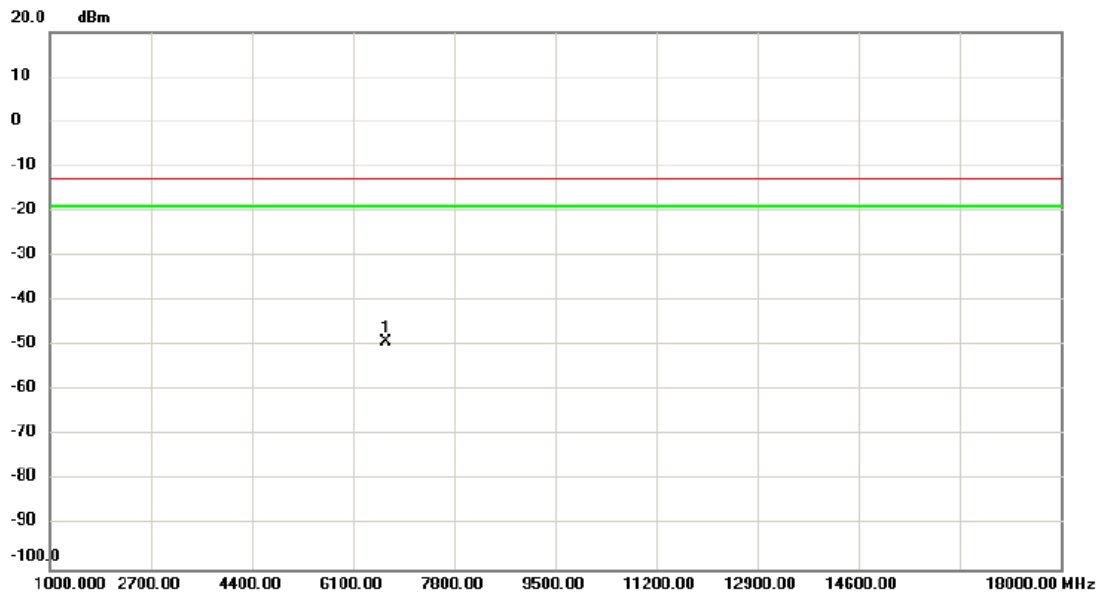
Test Mode | WCDMA Band IV\_TX CH1413\_Second Antenna



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3975.000	-56.64	1.16	-55.48	-13.00	-42.48	peak	

Test Mode | LTE Band 4\_TX CH20175\_1.4M\_Main Antenna

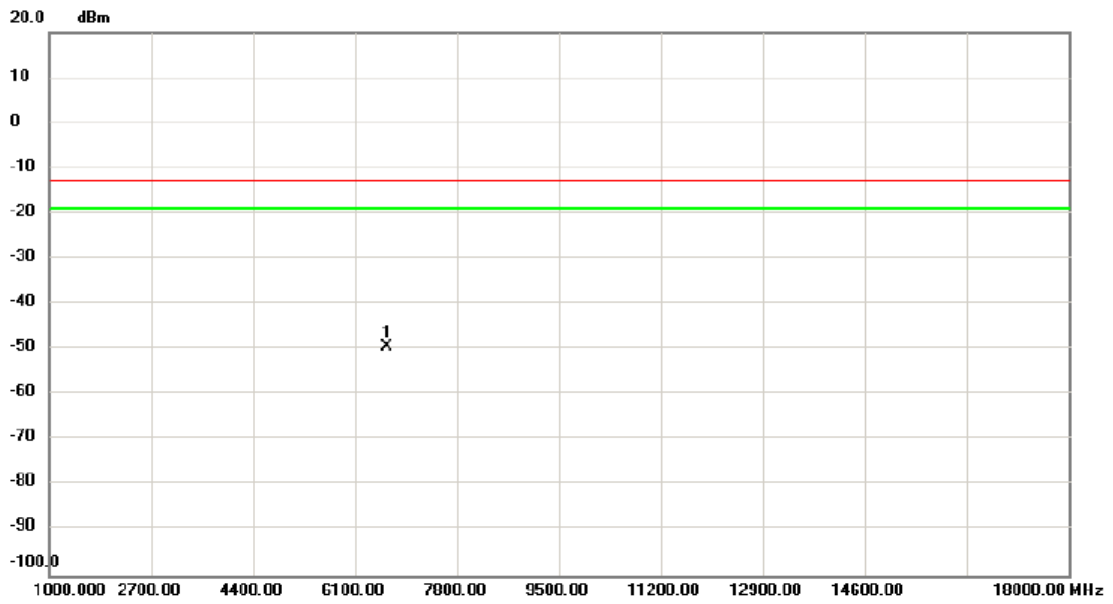
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	6644.000	-56.31	7.25	-49.06	-13.00	-36.06	peak	

Test Mode	LTE Band 4_TX CH20175_1.4M_Main Antenna
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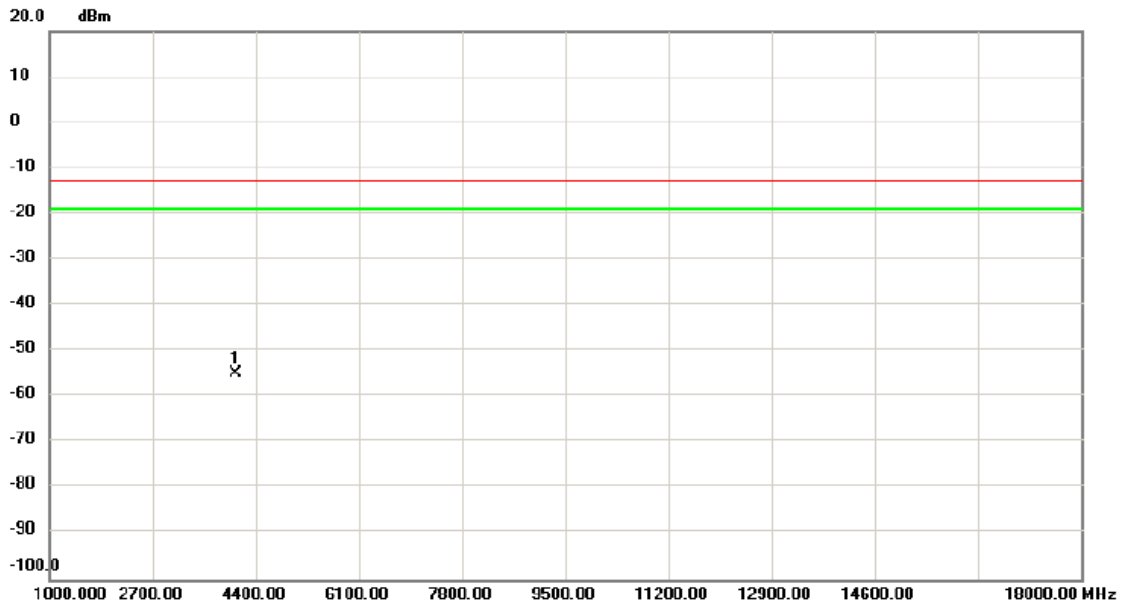
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	6635.500	-56.66	7.24	-49.42	-13.00	-36.42	peak	

Test Mode | LTE Band 4\_TX CH20175\_5M\_Main Antenna

### Vertical

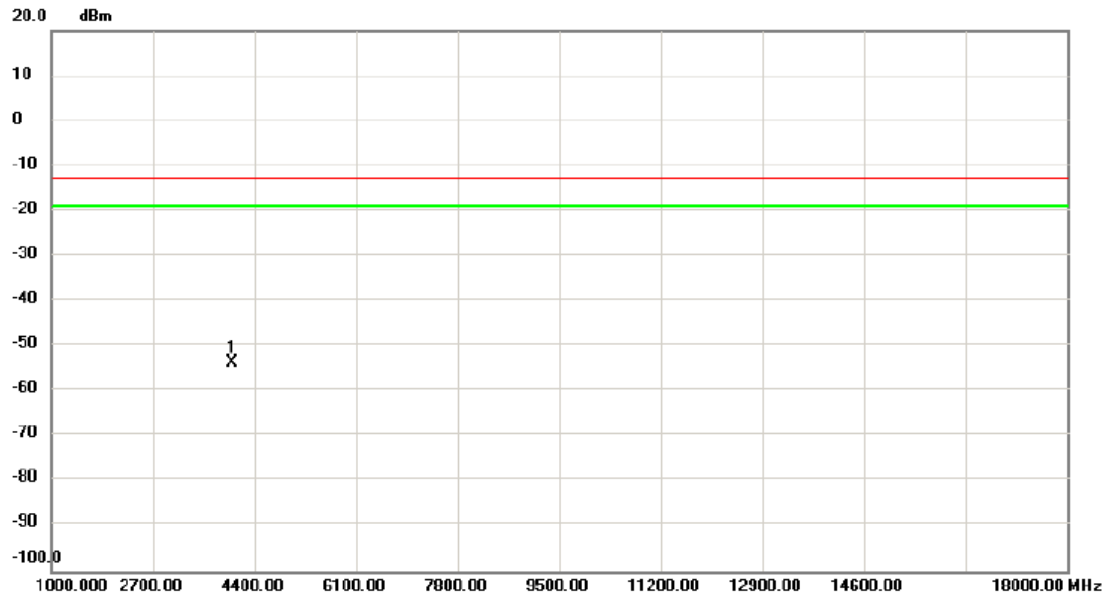


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	4077.000	-56.08	1.23	-54.85	-13.00	-41.85	peak	



Test Mode | LTE Band 4\_TX CH20175\_5M\_Main Antenna

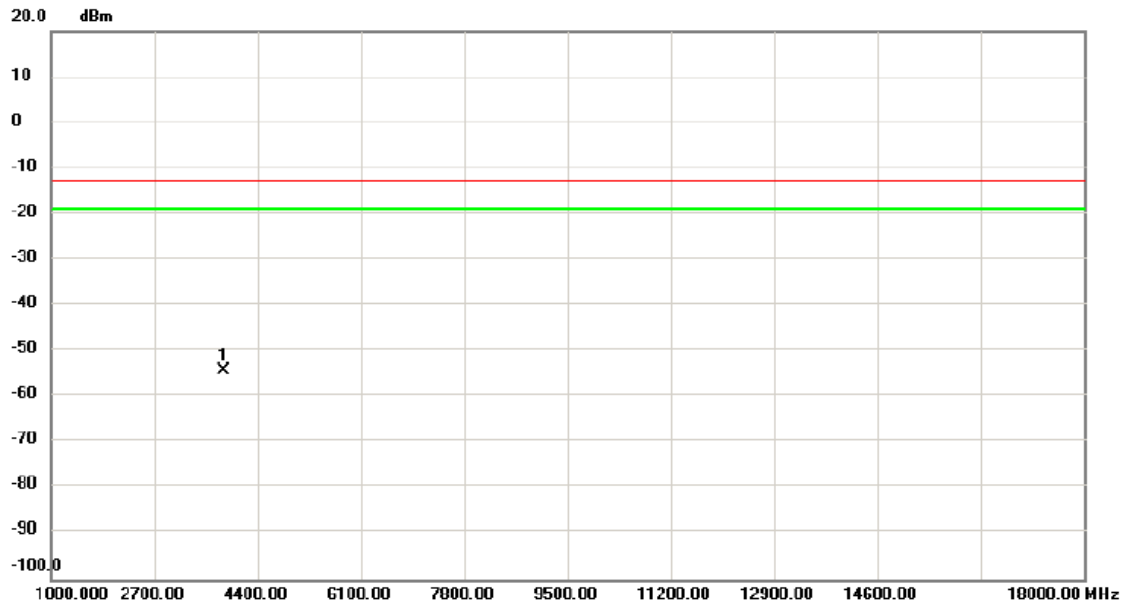
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	4034.500	-54.76	1.22	-53.54	-13.00	-40.54	peak	

Test Mode | LTE Band 4\_TX CH20175\_20M\_Main Antenna

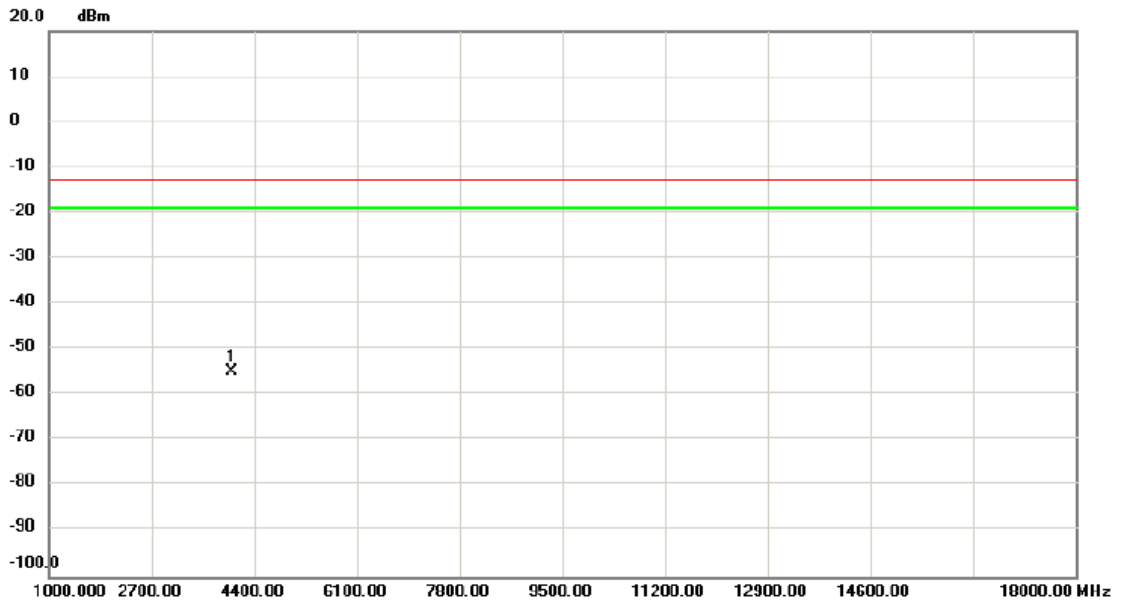
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3847.500	-55.27	0.91	-54.36	-13.00	-41.36	peak	

Test Mode | LTE Band 4\_TX CH20175\_20M\_Main Antenna

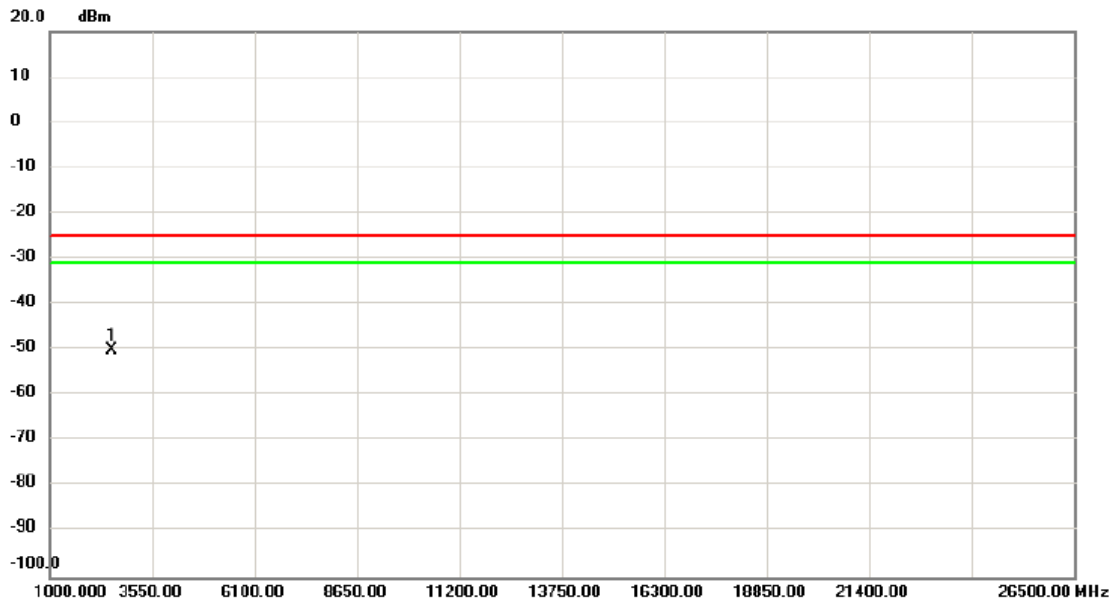
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	4034.500	-56.13	1.22	-54.91	-13.00	-41.91	peak	

Test Mode | LTE Band 7\_TX CH21100\_5M\_Main Antenna

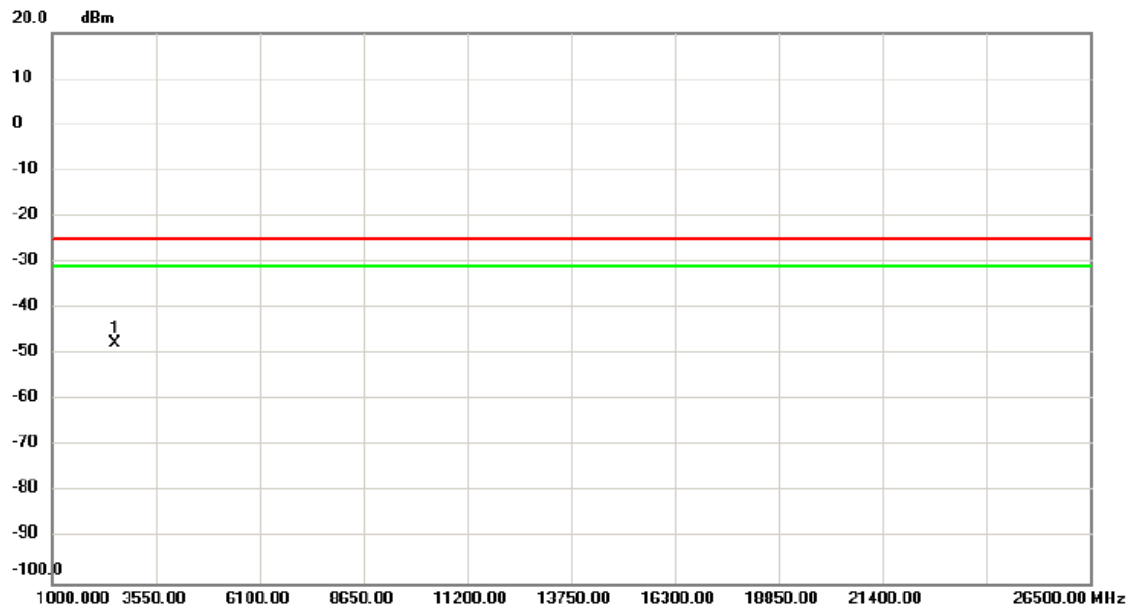
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2530.000	-46.27	-3.80	-50.07	-25.00	-25.07	peak	

Test Mode | LTE Band 7\_TX CH21100\_5M\_Main Antenna

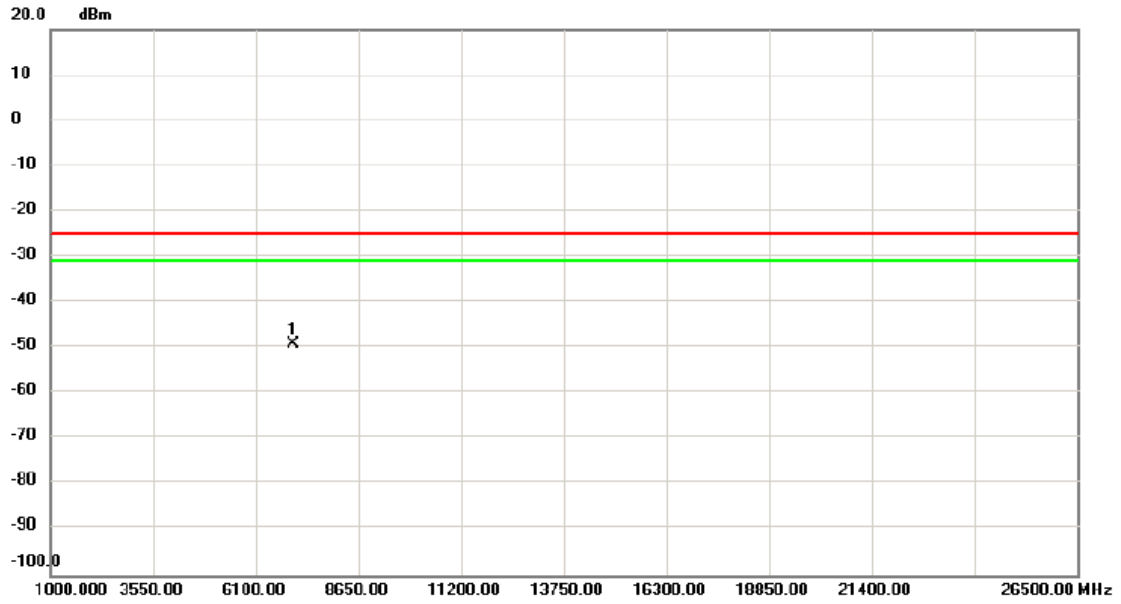
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2530.000	-43.84	-3.80	-47.64	-25.00	-22.64	peak	

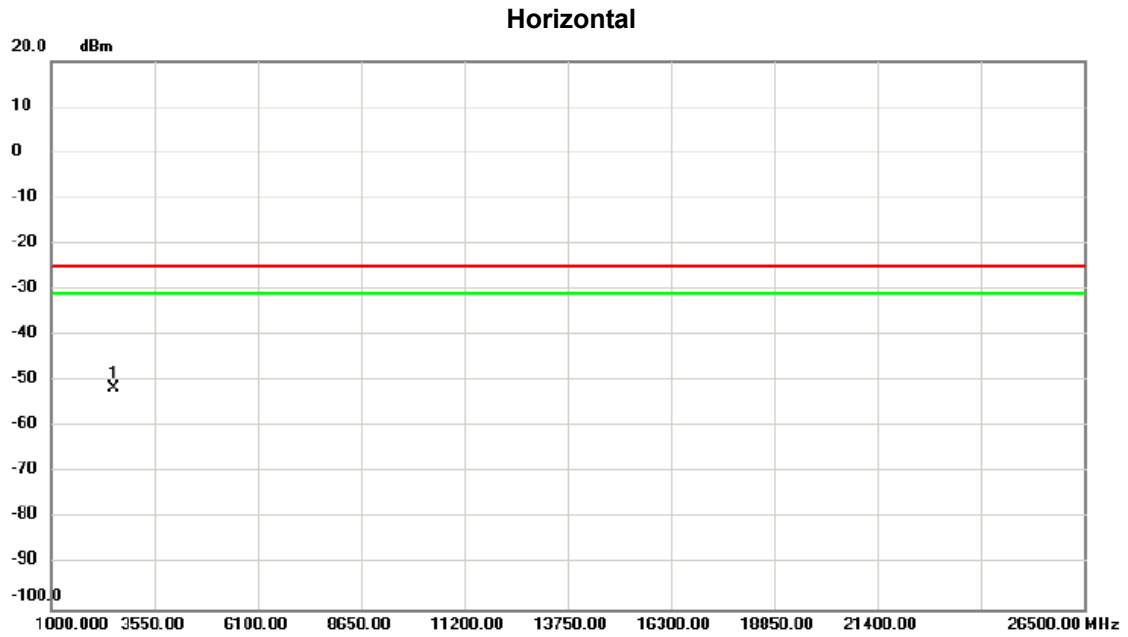
Test Mode | LTE Band 7\_TX CH21100\_20M\_Main Antenna

### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7018.000	-57.14	8.04	-49.10	-25.00	-24.10	peak	

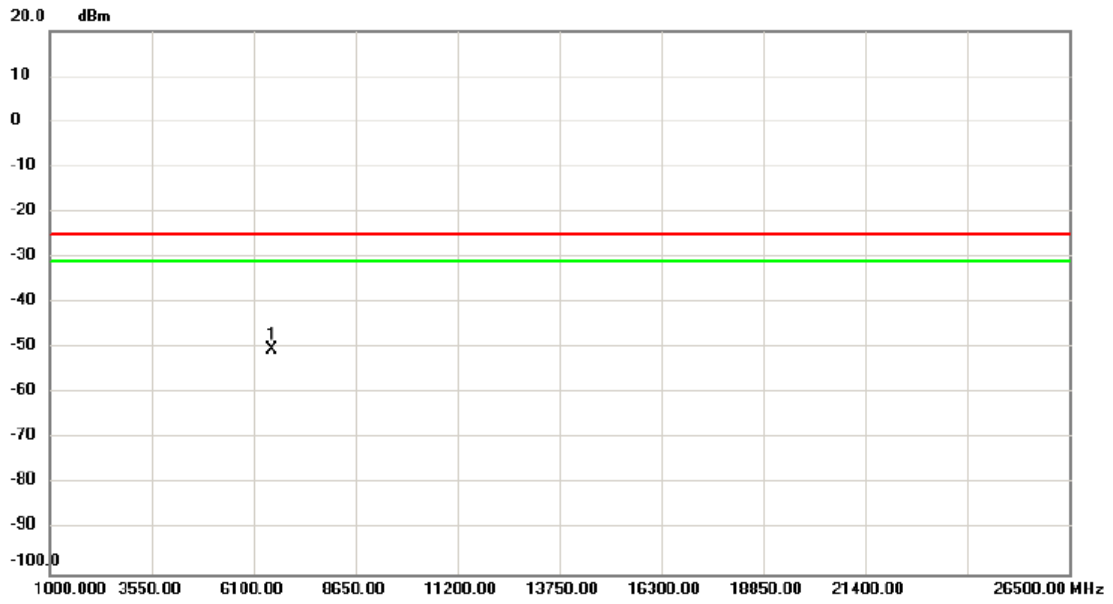
Test Mode | LTE Band 7\_TX CH21100\_20M\_Main Antenna



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2542.750	-47.83	-3.74	-51.57	-25.00	-26.57	peak	

Test Mode | LTE Band 38\_TX CH38000\_5M\_Main Antenna

### Vertical

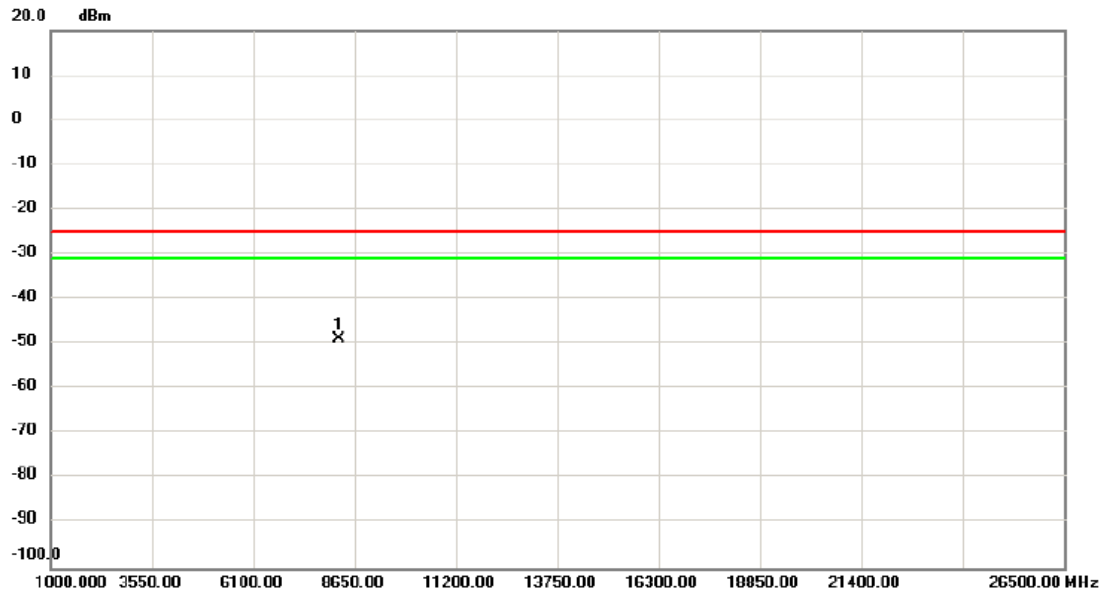


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	6546.250	-57.25	7.04	-50.21	-25.00	-25.21	peak	



Test Mode | LTE Band 38\_TX CH38000\_5M\_Main Antenna

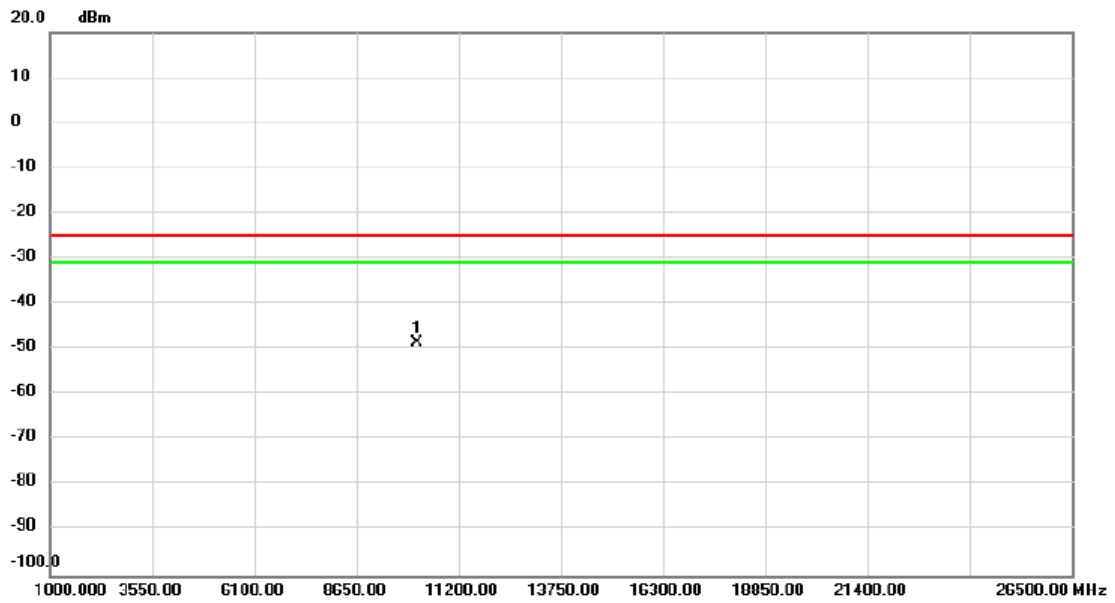
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	8242.000	-57.59	8.79	-48.80	-25.00	-23.80	peak	

Test Mode | LTE Band 38\_TX CH38000\_20M\_Main Antenna

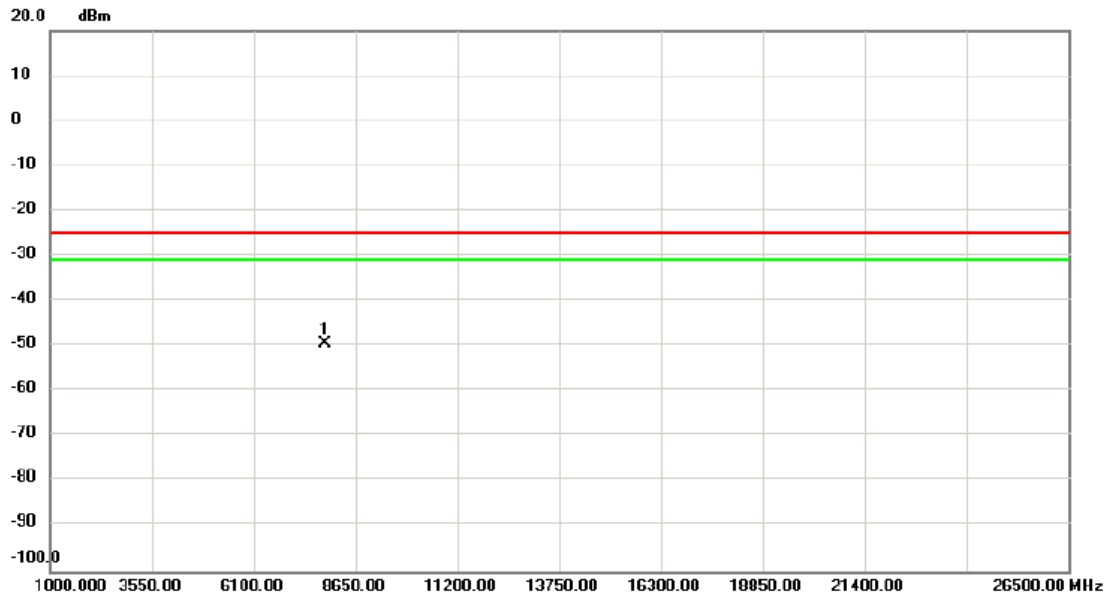
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	10167.250	-59.23	10.82	-48.41	-25.00	-23.41	peak	

Test Mode | LTE Band 38\_TX CH38000\_20M\_Main Antenna

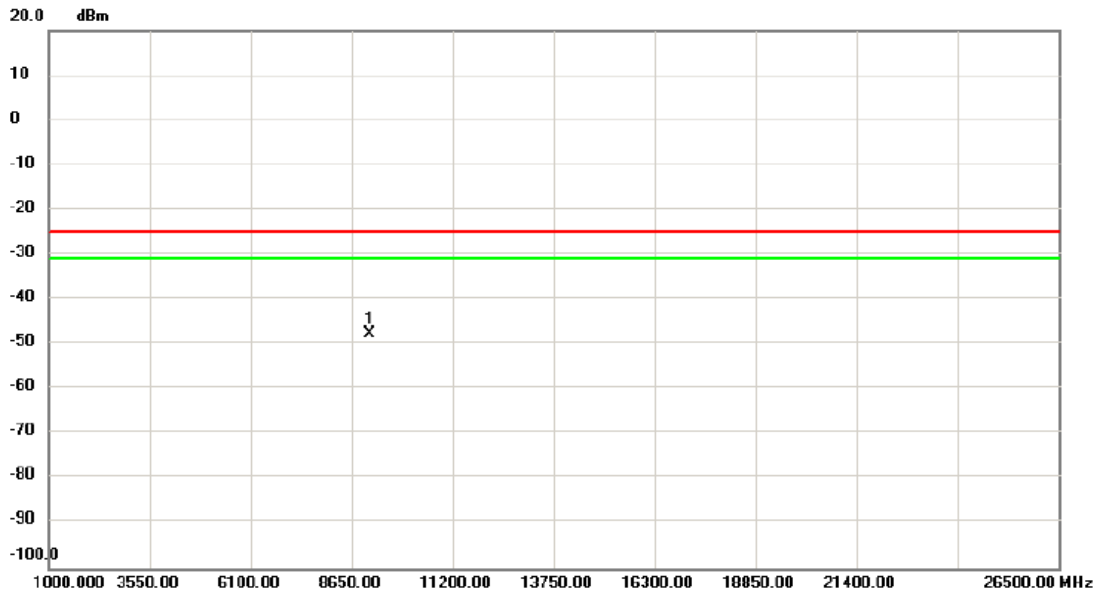
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	7897.750	-58.08	8.52	-49.56	-25.00	-24.56	peak	

Test Mode | LTE Band 41\_TX CH40620\_5M\_Main Antenna

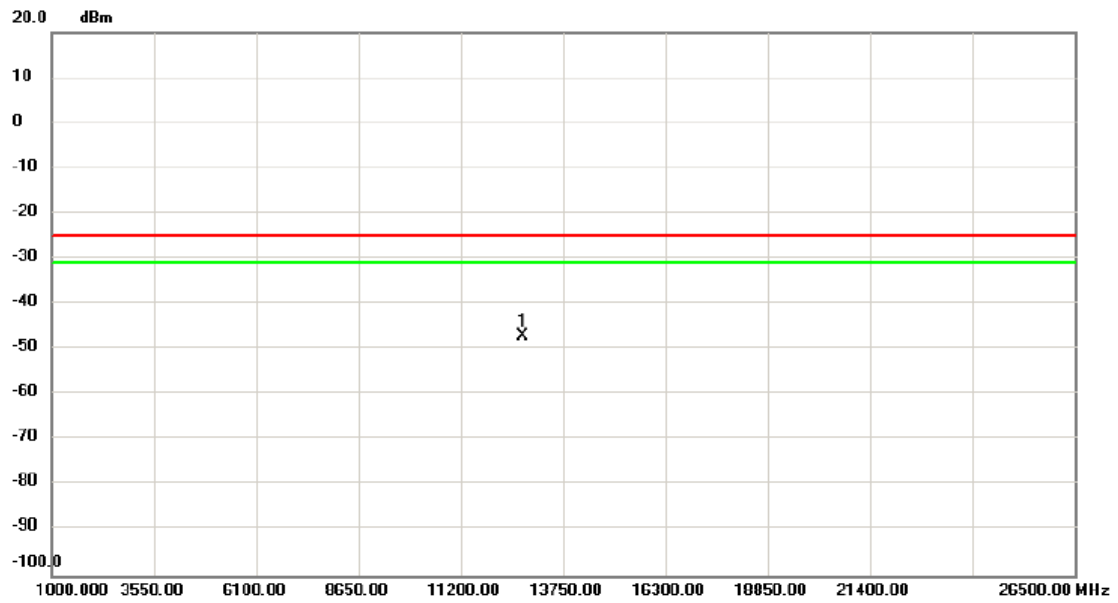
### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	9096.250	-57.53	9.82	-47.71	-25.00	-22.71	peak	

Test Mode | LTE Band 41\_TX CH40620\_5M\_Main Antenna

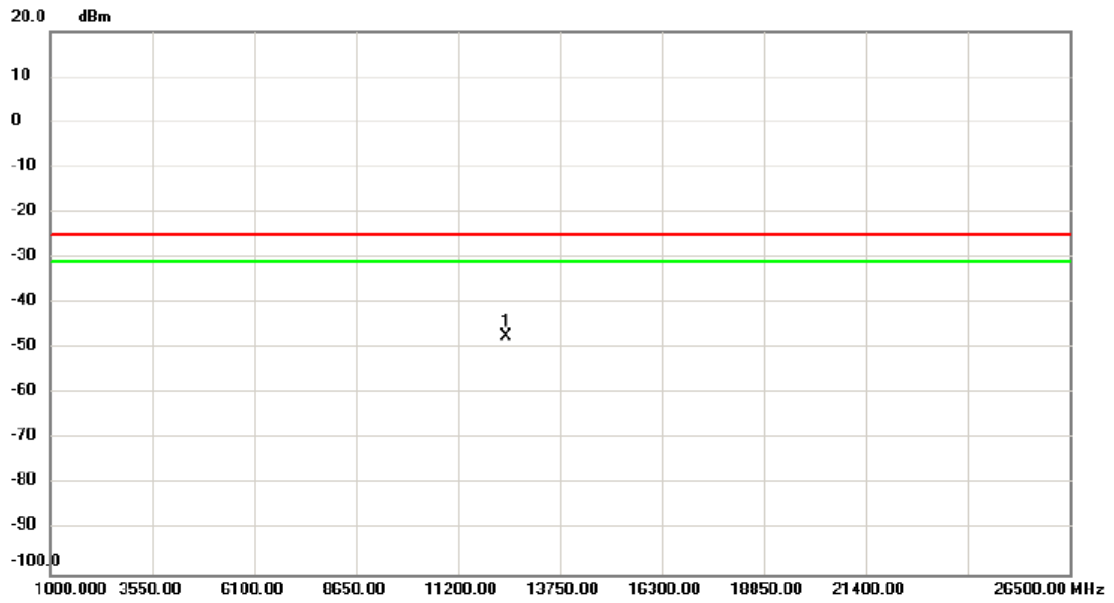
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	12755.500	-61.01	14.05	-46.96	-25.00	-21.96	peak	

Test Mode | LTE Band 41\_TX CH40620\_20M\_Main Antenna

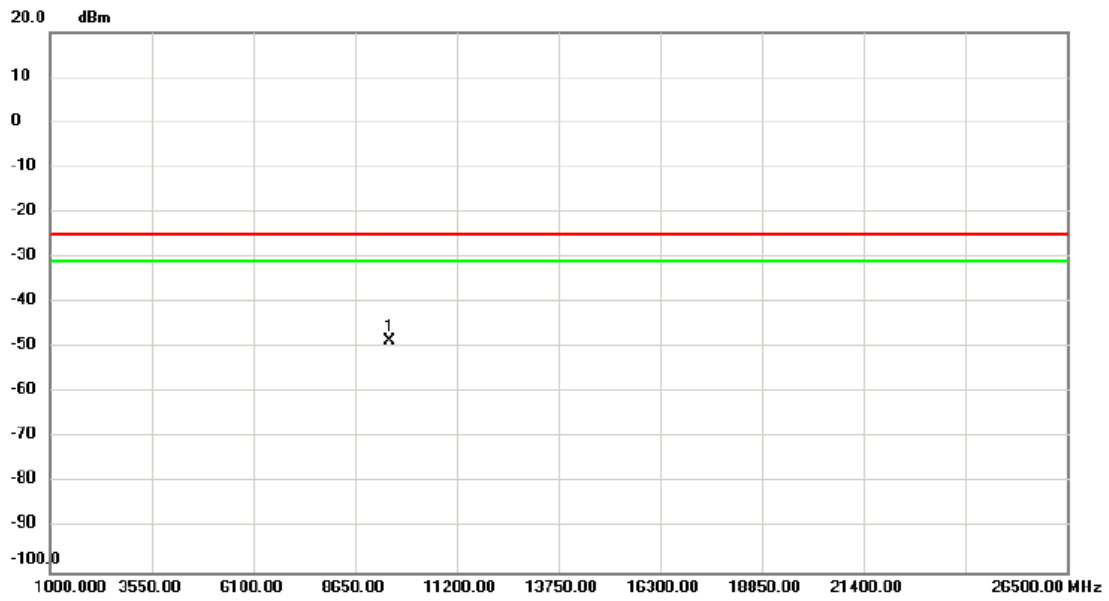
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	12411.250	-60.74	13.39	-47.35	-25.00	-22.35	peak	

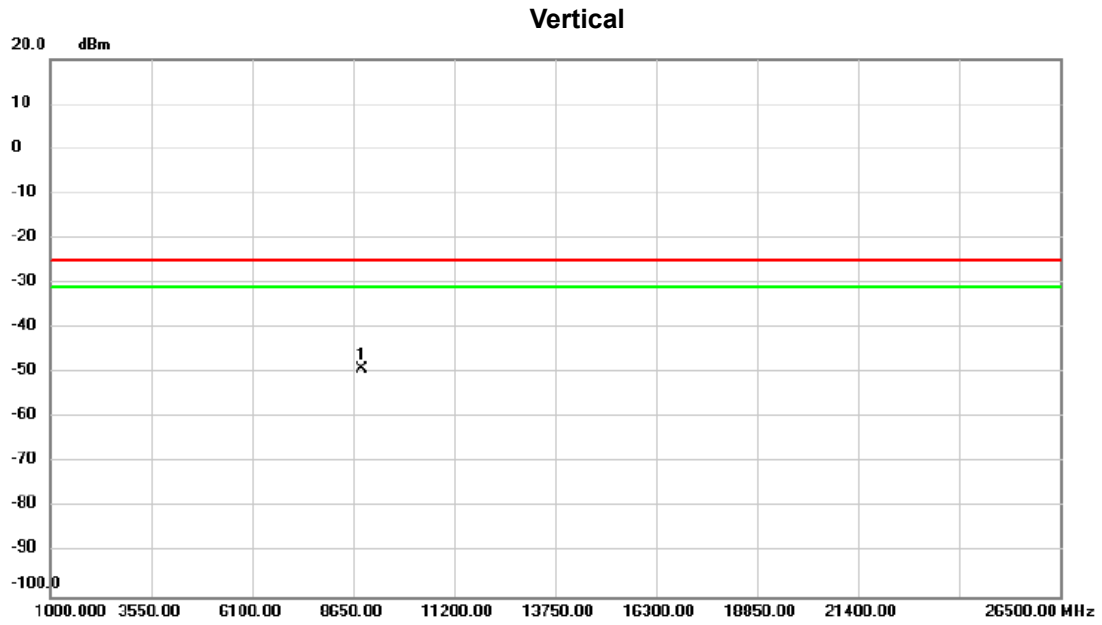
Test Mode | LTE Band 41\_TX CH40620\_20M\_Main Antenna

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9504.250	-58.97	10.36	-48.61	-25.00	-23.61	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+10M\_Main Antenna

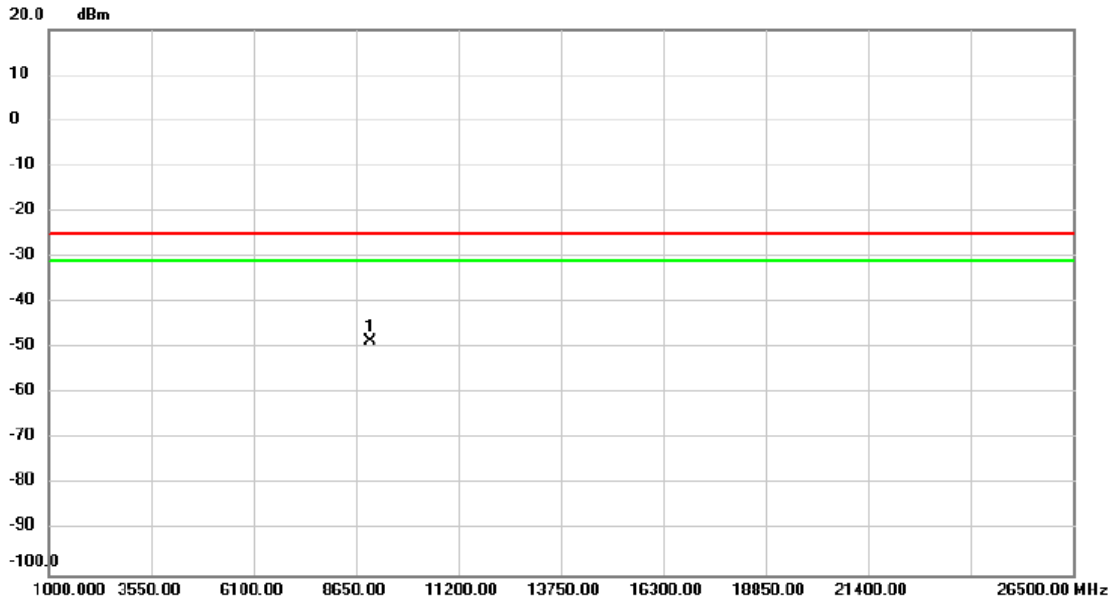


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	8854.000	-58.63	9.52	-49.11	-25.00	-24.11	peak	



Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+10M\_Main Antenna

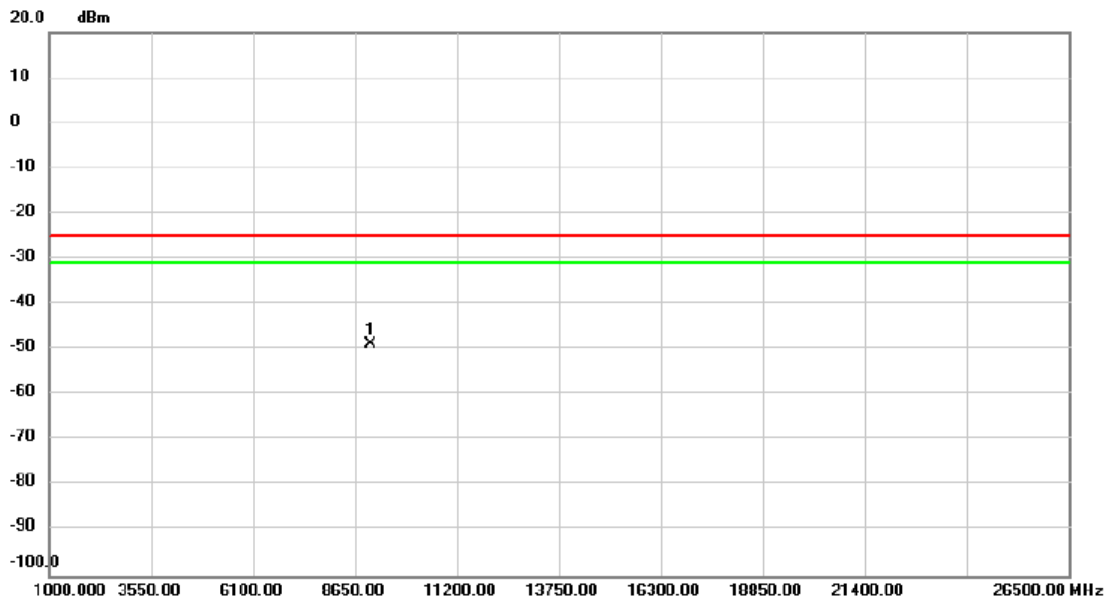
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9019.750	-58.36	9.71	-48.65	-25.00	-23.65	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_15M+10M\_Main Antenna

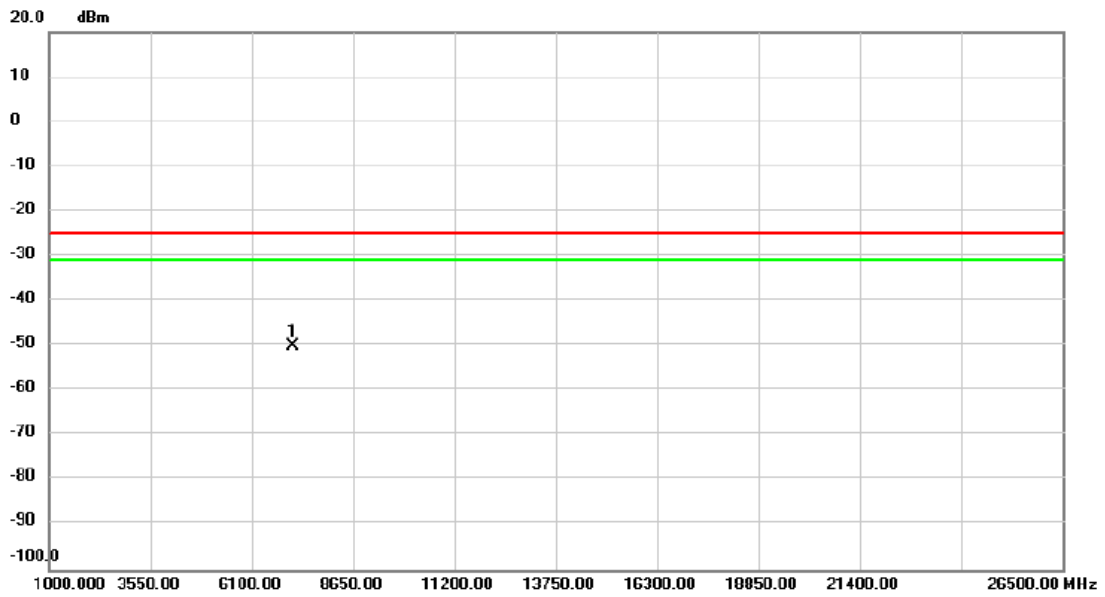
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9032.500	-58.65	9.73	-48.92	-25.00	-23.92	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_15M+10M\_Main Antenna

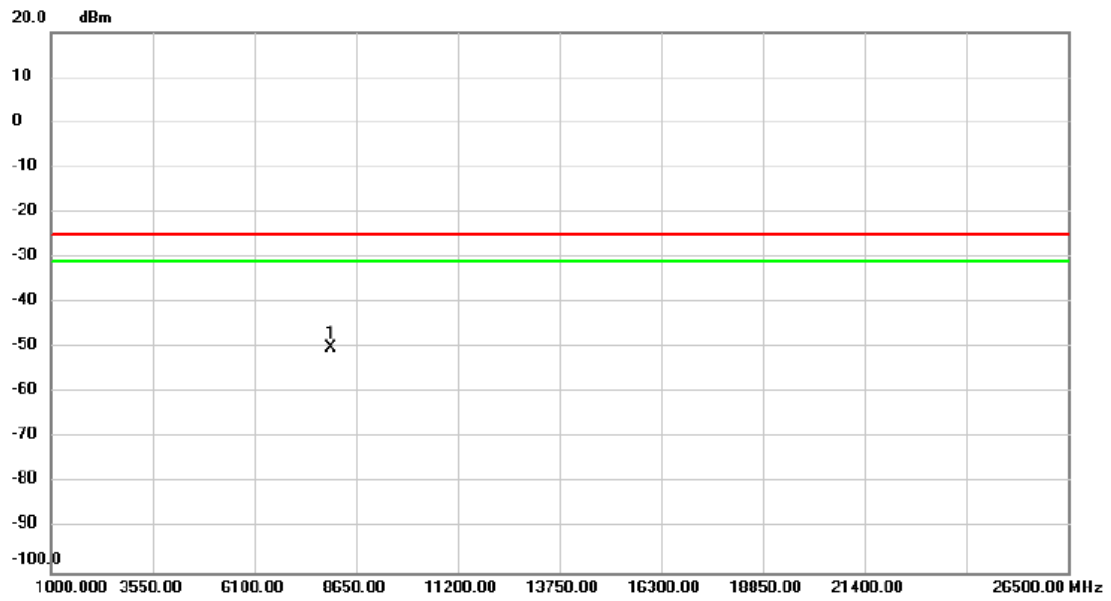
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	7120.000	-58.38	8.20	-50.18	-25.00	-25.18	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+15M\_Main Antenna

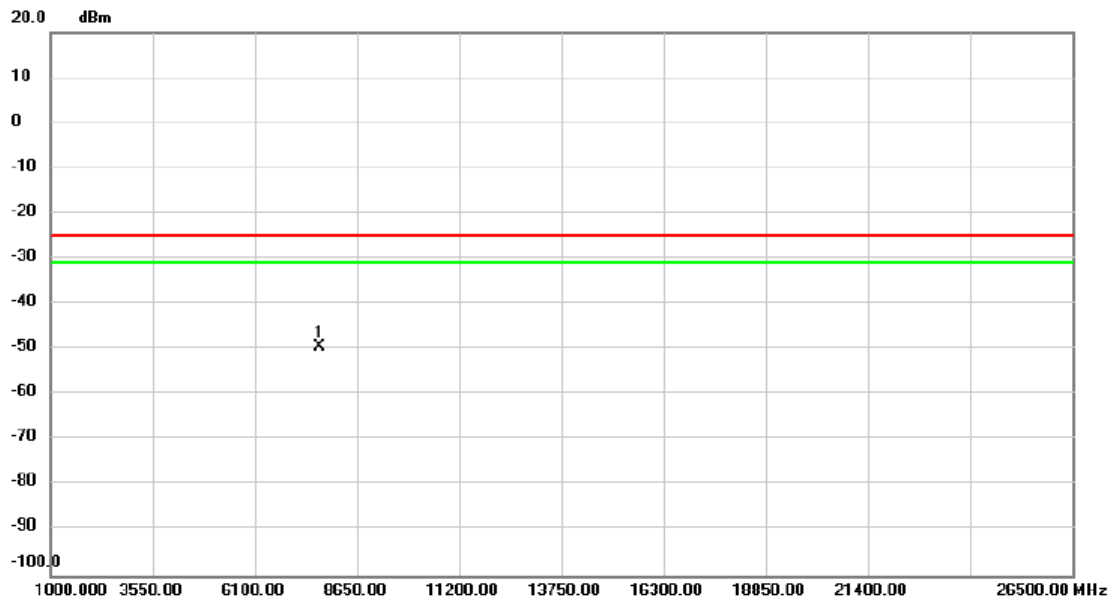
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	8025.250	-58.41	8.50	-49.91	-25.00	-24.91	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+15M\_Main Antenna

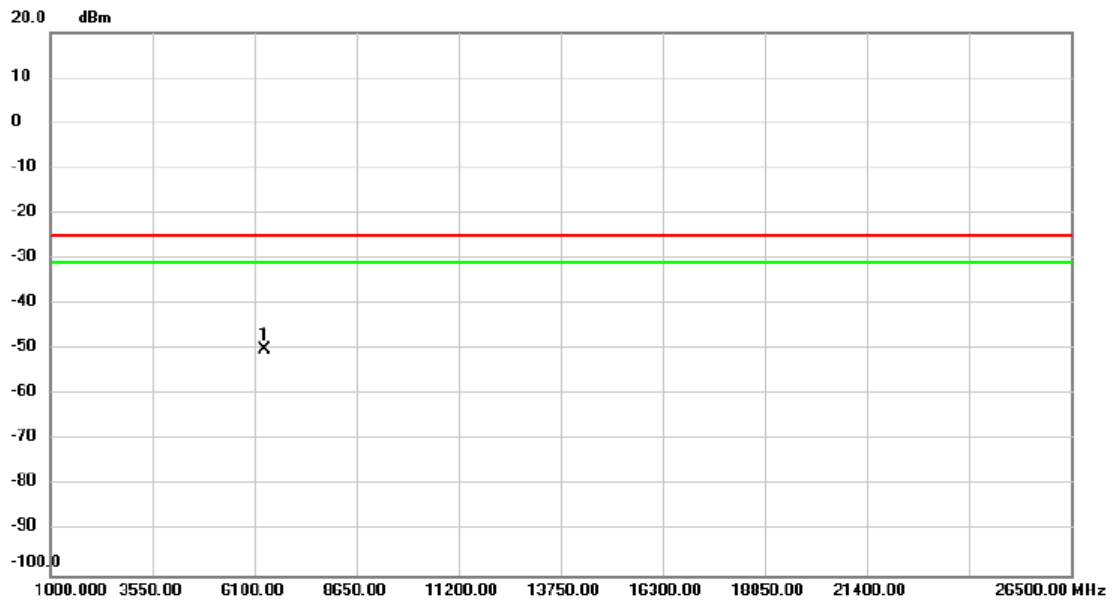
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	7706.500	-58.21	8.63	-49.58	-25.00	-24.58	peak	

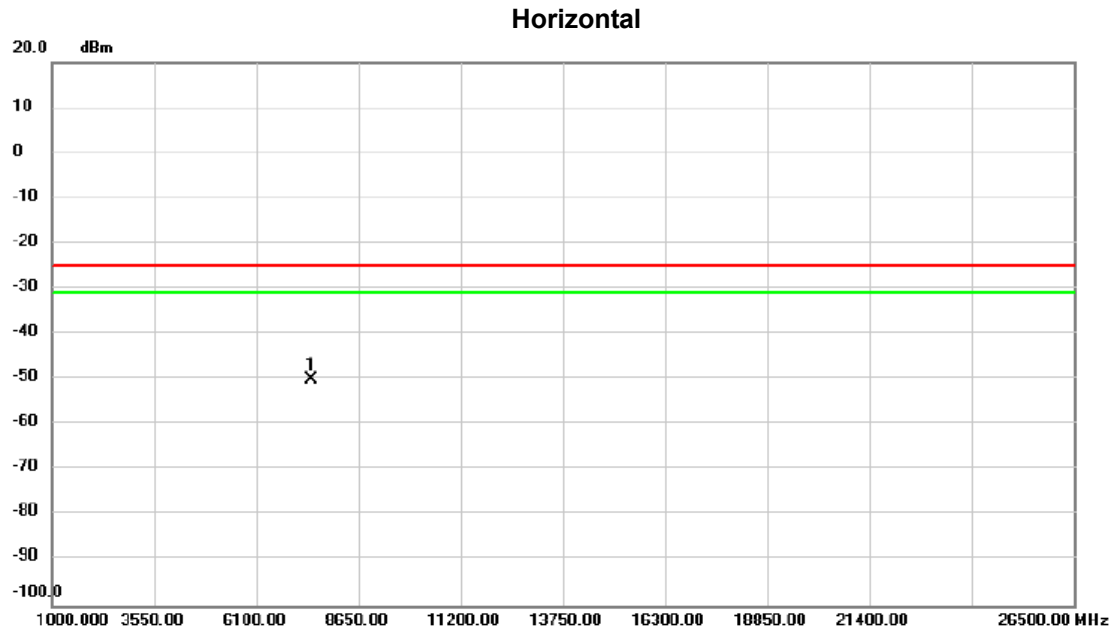
Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+20M\_Main Antenna

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	6342.250	-56.69	6.53	-50.16	-25.00	-25.16	peak	

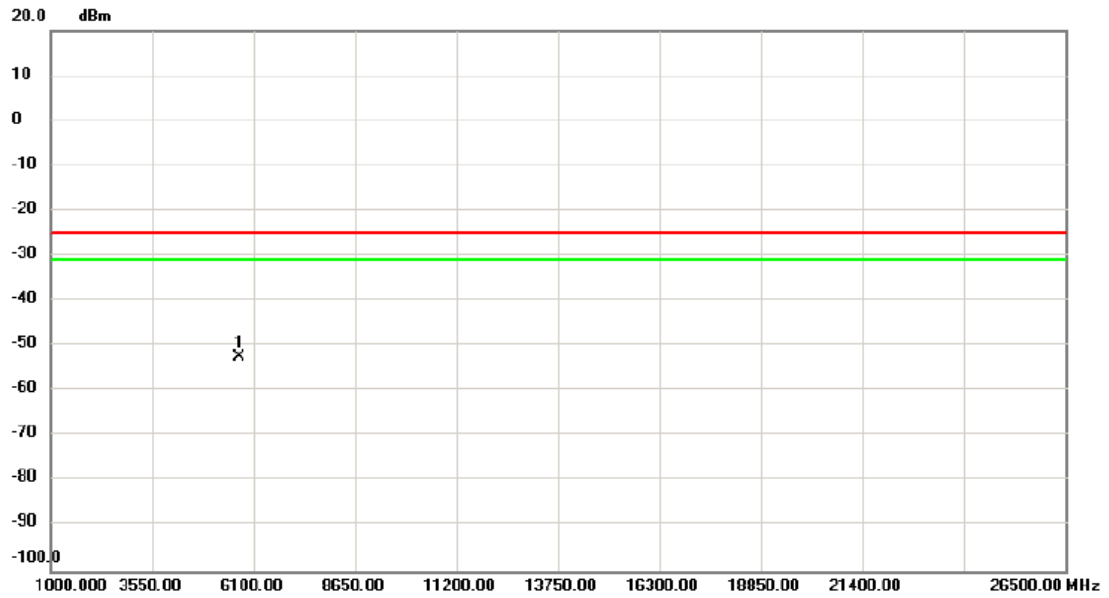
Test Mode	LTE CA_7C_TX Mid-Range_20M+20M_Main Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7464.250	-58.61	8.68	-49.93	-25.00	-24.93	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_15M+15M\_Main Antenna

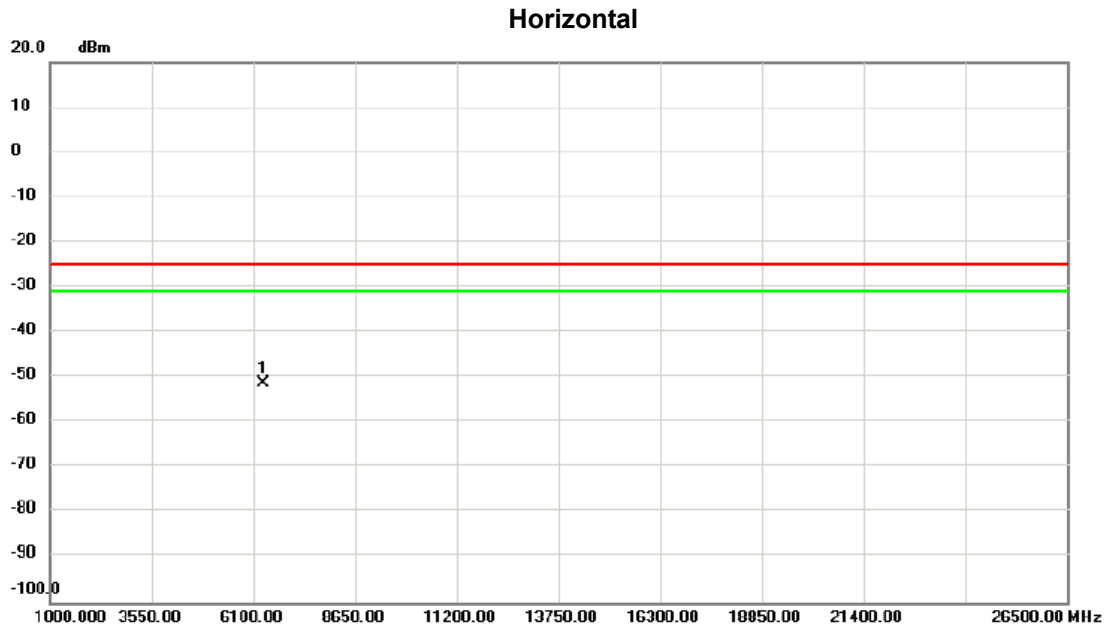
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5755.750	-57.34	5.00	-52.34	-25.00	-27.34	peak	



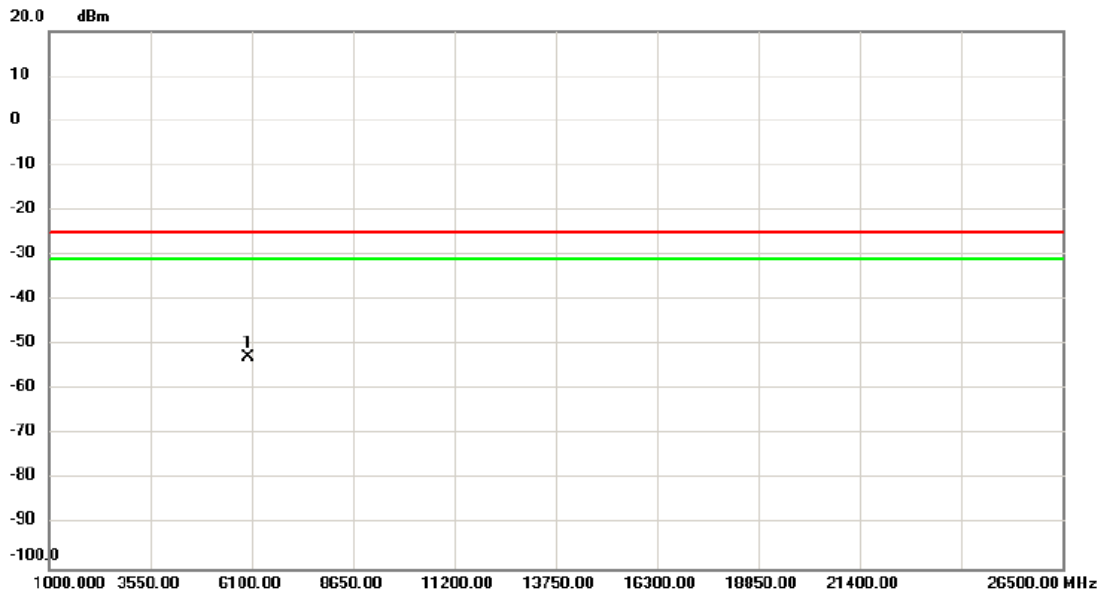
Test Mode | LTE CA\_38C\_TX Mid-Range\_15M+15M\_Main Antenna



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	6342.250	-57.83	6.53	-51.30	-25.00	-26.30	peak	

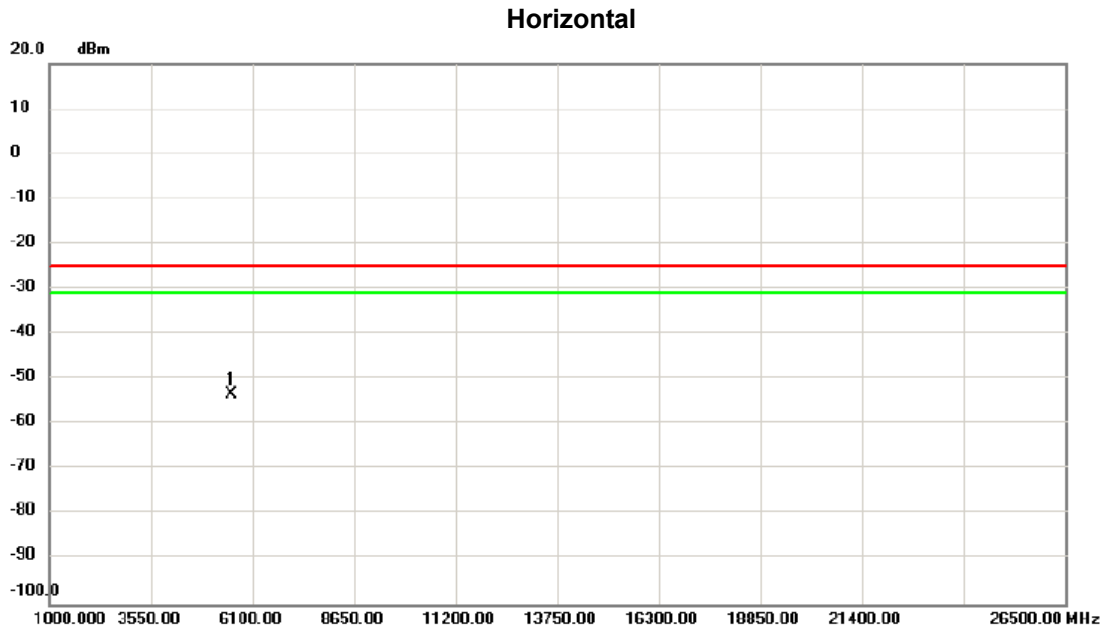
Test Mode | LTE CA\_38C\_TX Mid-Range\_20M+20M\_Main Antenna

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5998.000	-58.41	5.63	-52.78	-25.00	-27.78	peak	

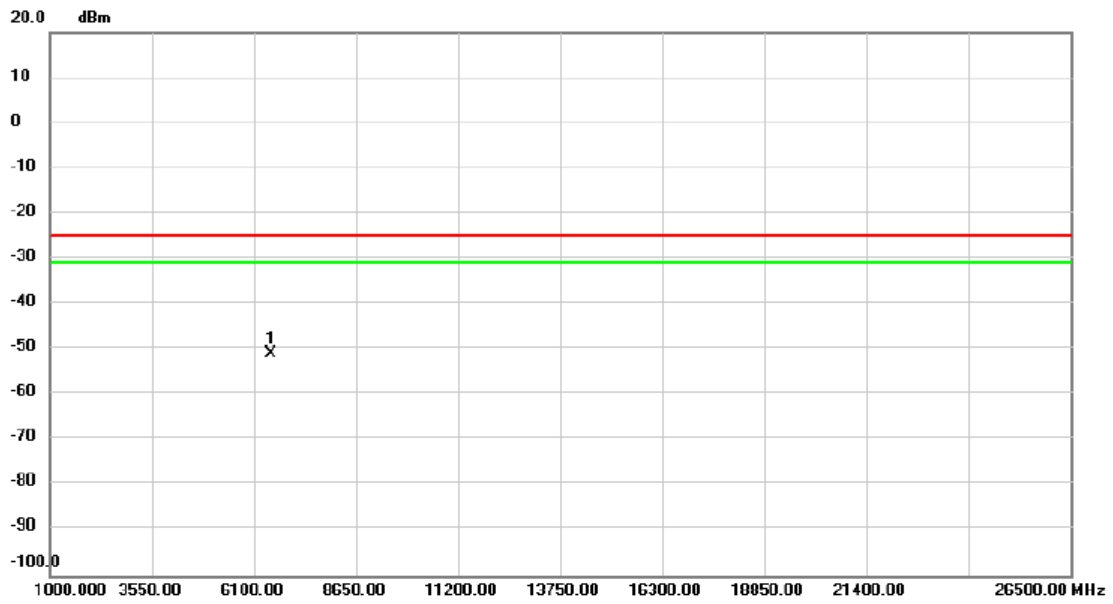
Test Mode | LTE CA\_38C\_TX Mid-Range\_20M+20M\_Main Antenna



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5577.250	-57.92	4.54	-53.38	-25.00	-28.38	peak	

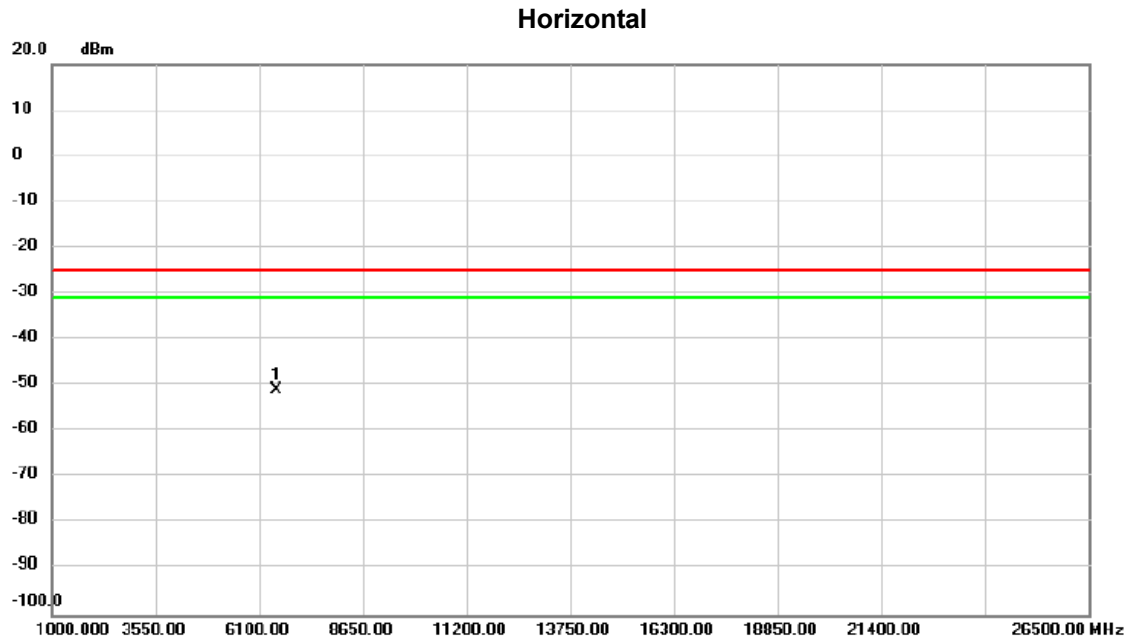
Test Mode | LTE CA\_41C\_TX Mid-Range\_15M+10M\_Main Antenna

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	6533.500	-57.96	7.02	-50.94	-25.00	-25.94	peak	

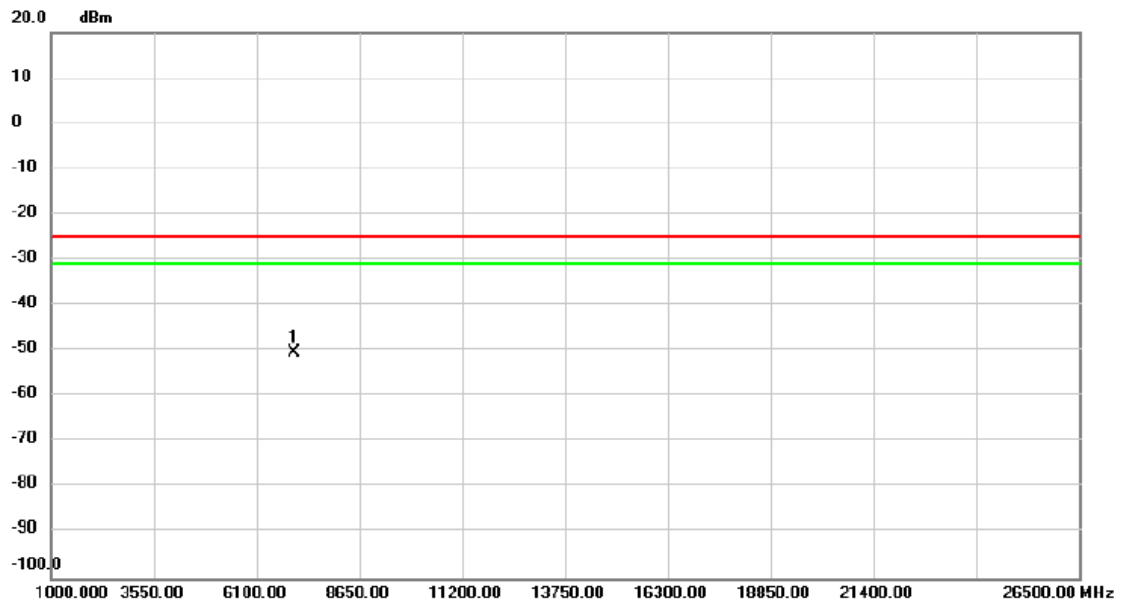
Test Mode | LTE CA\_41C\_TX Mid-Range\_15M+10M\_Main Antenna



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	6533.500	-57.96	7.02	-50.94	-25.00	-25.94	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+10M\_Main Antenna

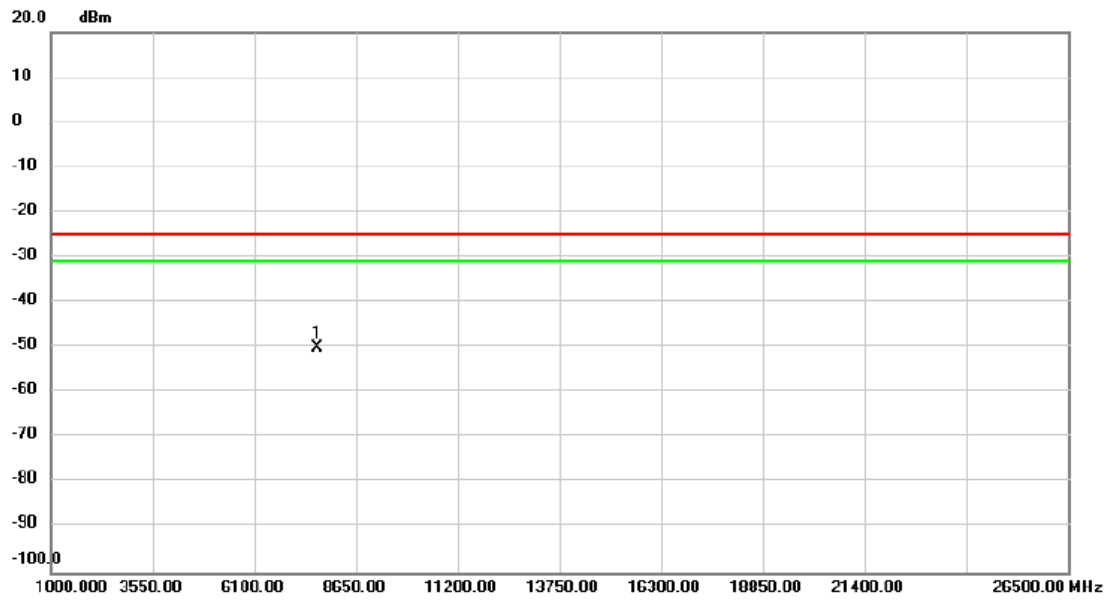
### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7030.750	-58.31	8.06	-50.25	-25.00	-25.25	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+10M\_Main Antenna

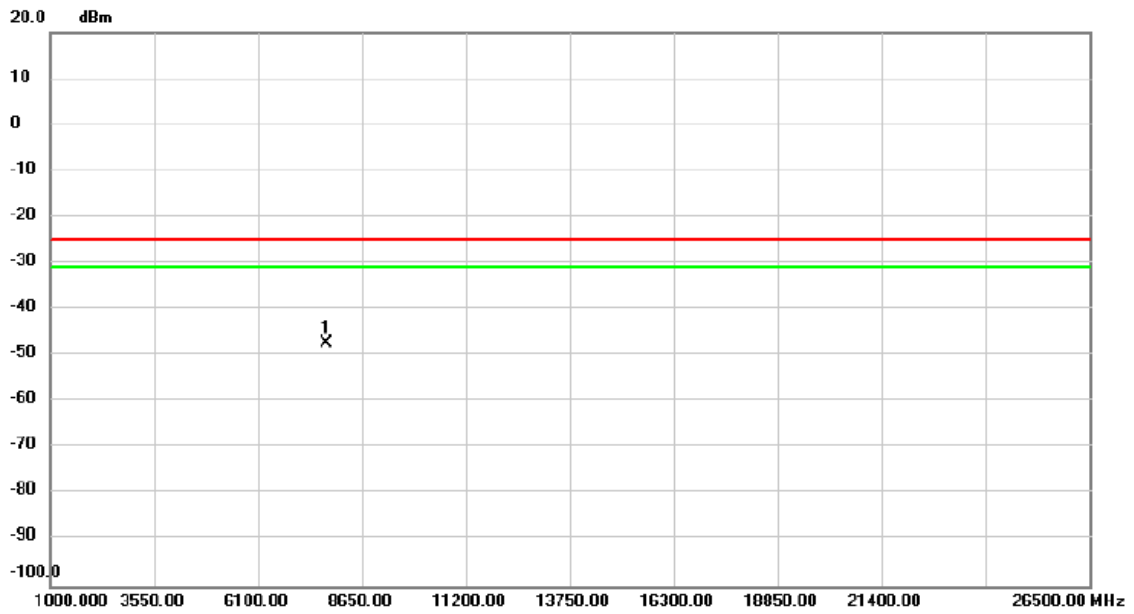
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	7693.750	-58.65	8.62	-50.03	-25.00	-25.03	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+15M\_Main Antenna

### Vertical

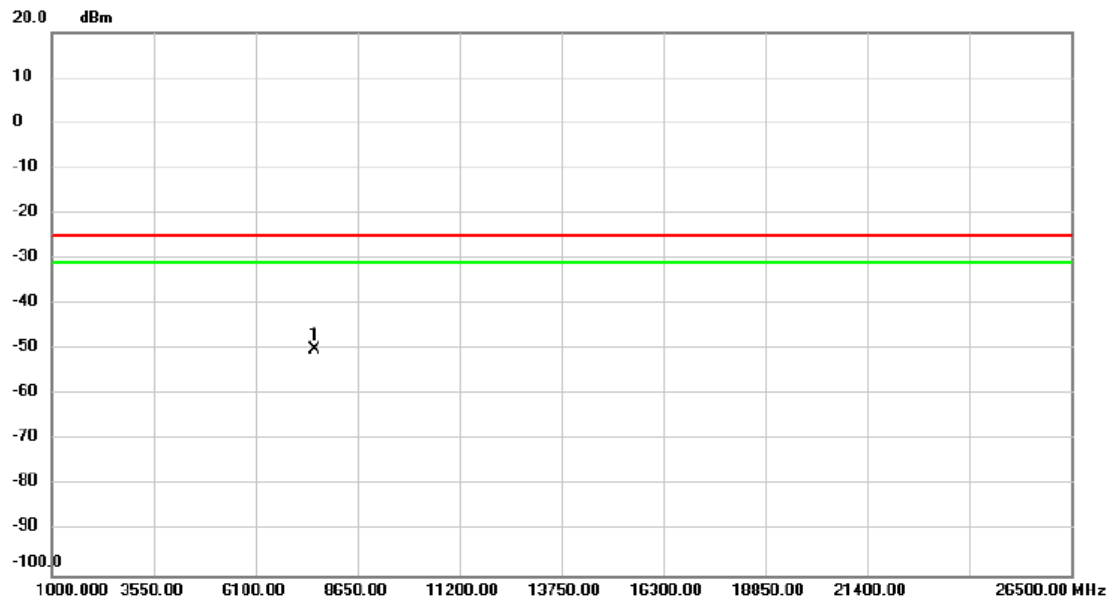


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	7783.000	-55.97	8.58	-47.39	-25.00	-22.39	peak	



Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+15M\_Main Antenna

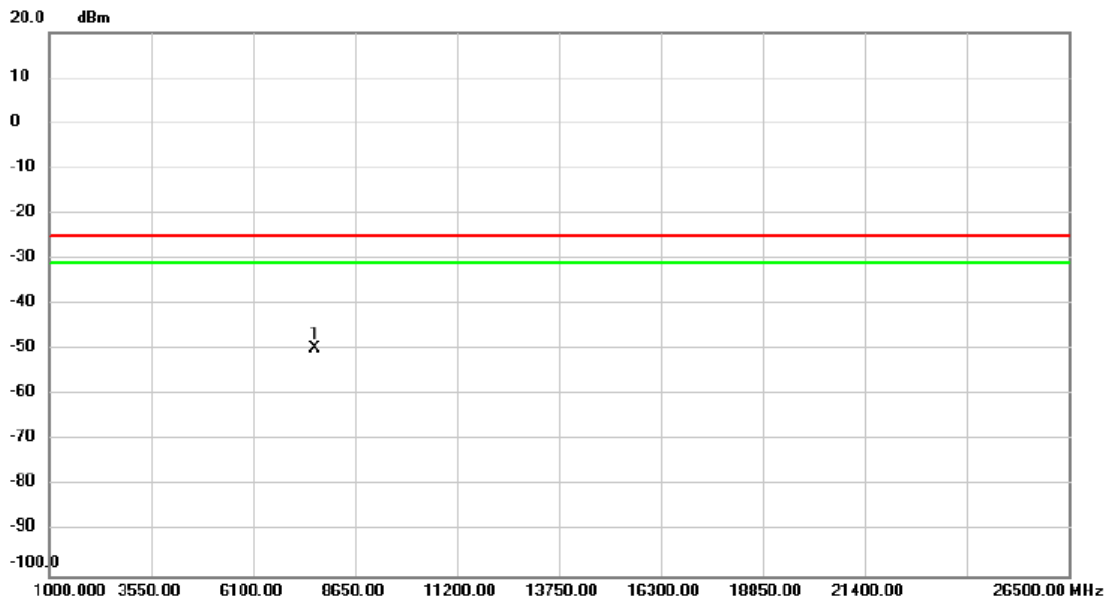
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	7591.750	-58.68	8.69	-49.99	-25.00	-24.99	peak	

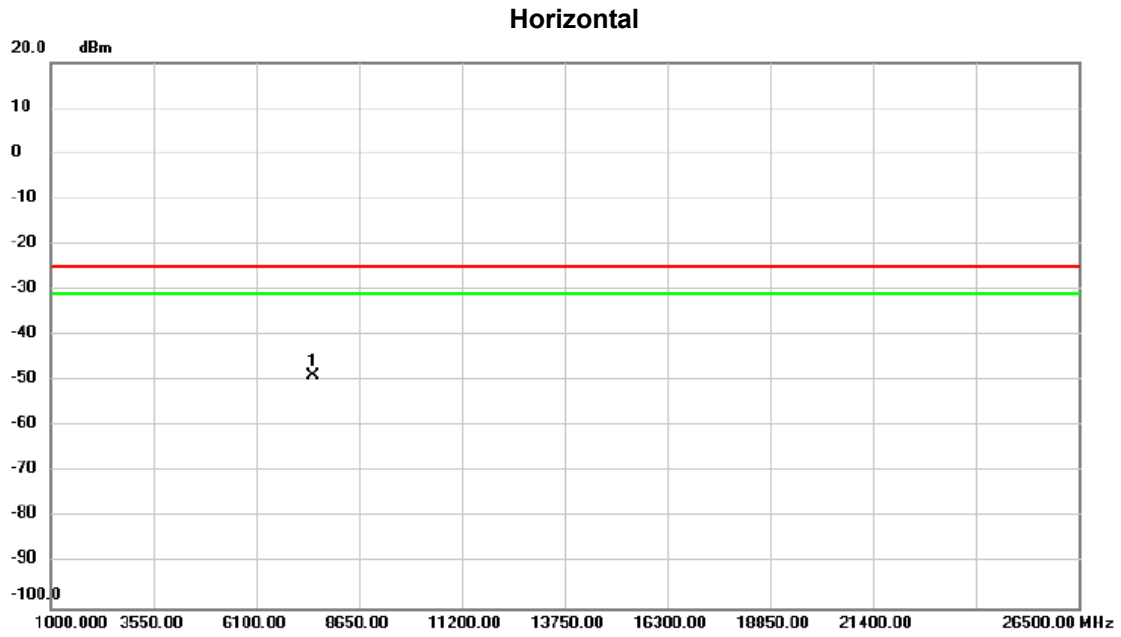
Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+20M\_Main Antenna

### Vertical



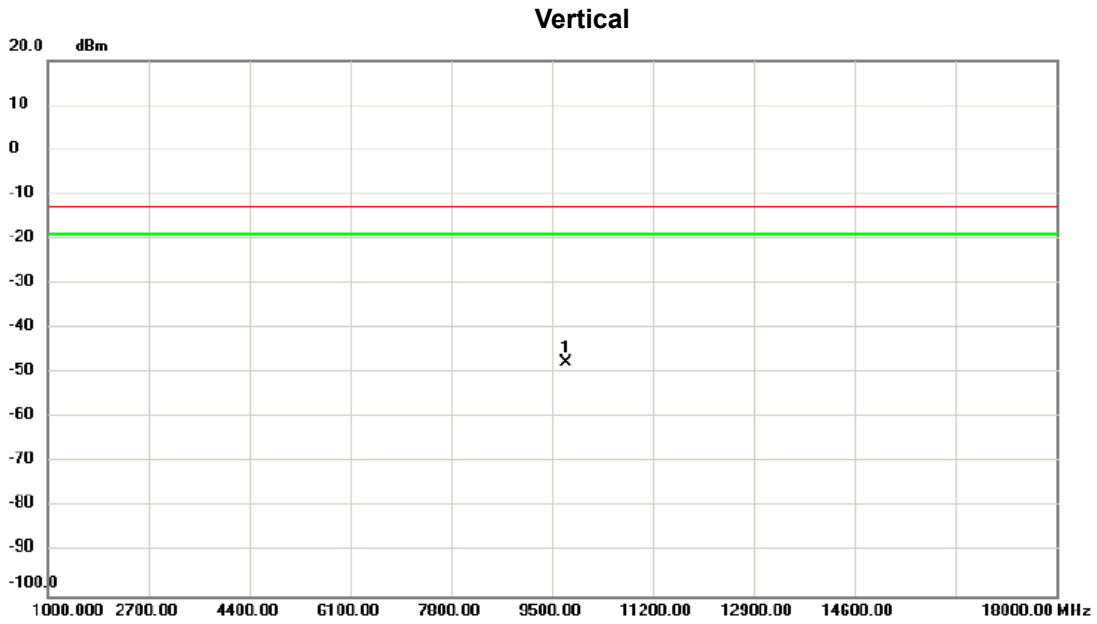
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	7642.750	-58.28	8.66	-49.62	-25.00	-24.62	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+20M\_Main Antenna



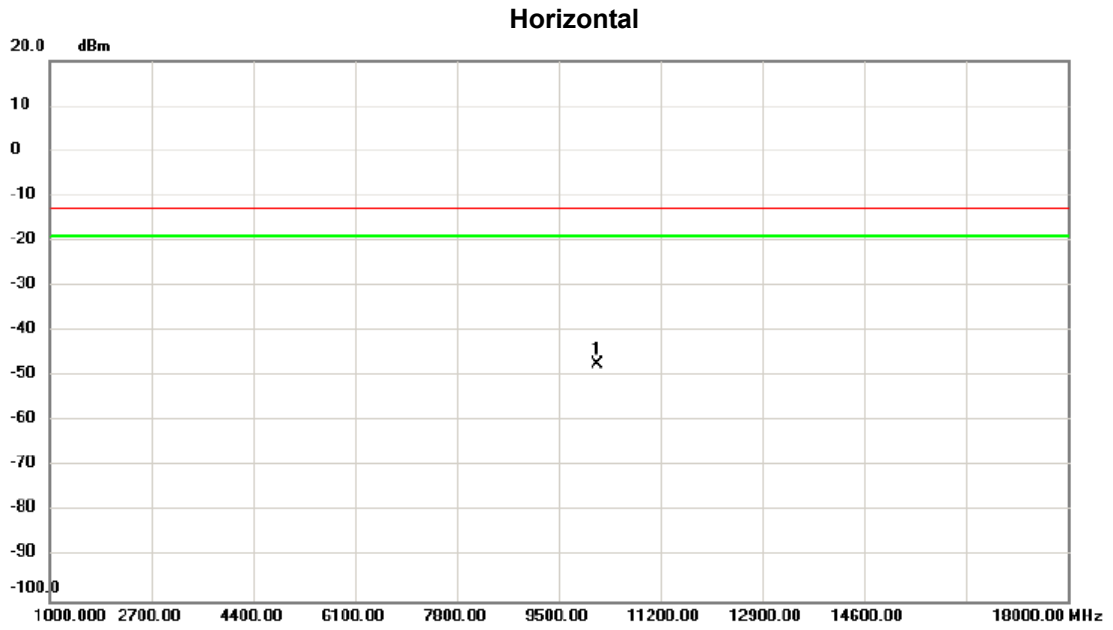
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	7502.500	-57.54	8.74	-48.80	-25.00	-23.80	peak	

Test Mode | LTE Band 4\_TX CH20175\_1.4M\_Second Antenna



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9746.500	-58.17	10.42	-47.75	-13.00	-34.75	peak	

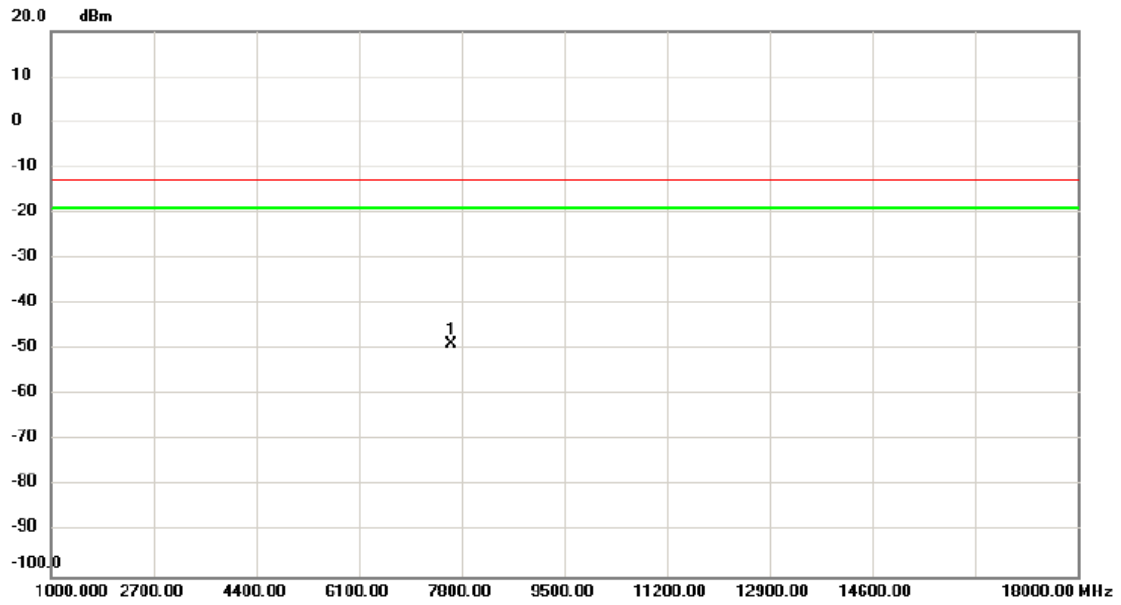
Test Mode	LTE Band 4_TX CH20175_1.4M_Second Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	10146.000	-58.24	10.78	-47.46	-13.00	-34.46	peak	

Test Mode	LTE Band 4_TX CH20175_5M_Second Antenna
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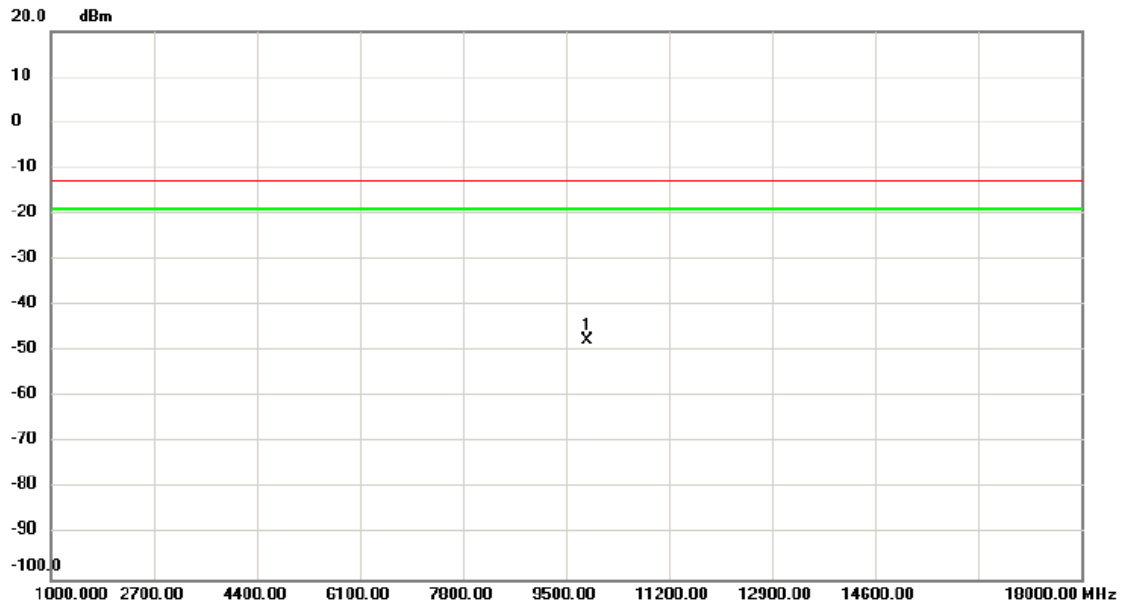
### Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	7630.000	-57.44	8.67	-48.77	-13.00	-35.77	peak	

Test Mode	LTE Band 4_TX CH20175_5M_Second Antenna
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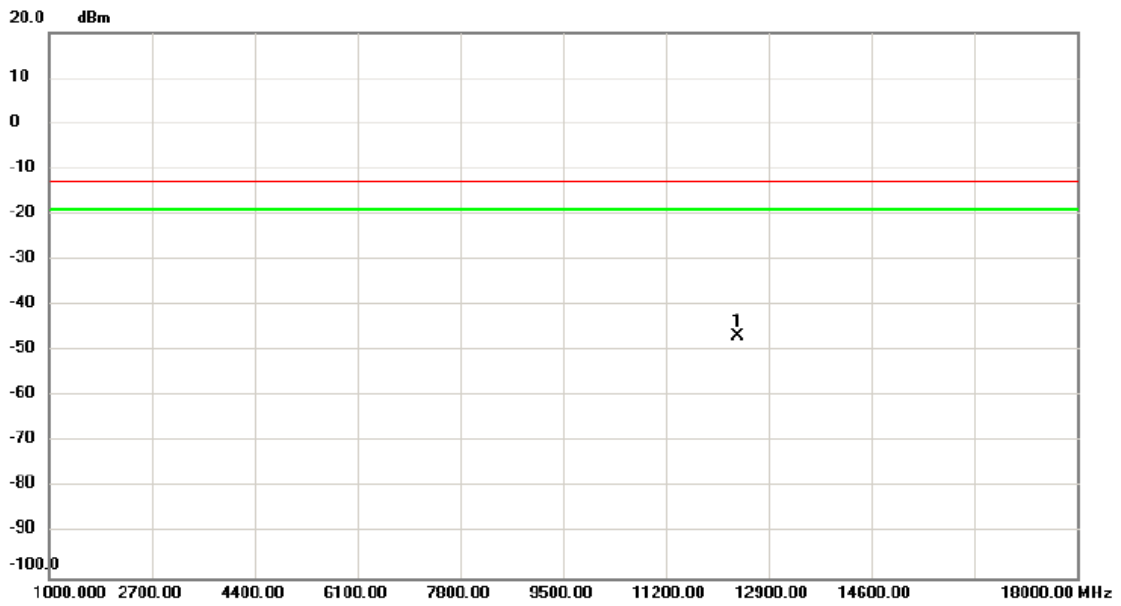
### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	9848.500	-58.16	10.45	-47.71	-13.00	-34.71	peak	

Test Mode | LTE Band 4\_TX CH20175\_20M\_Second Antenna

### Vertical

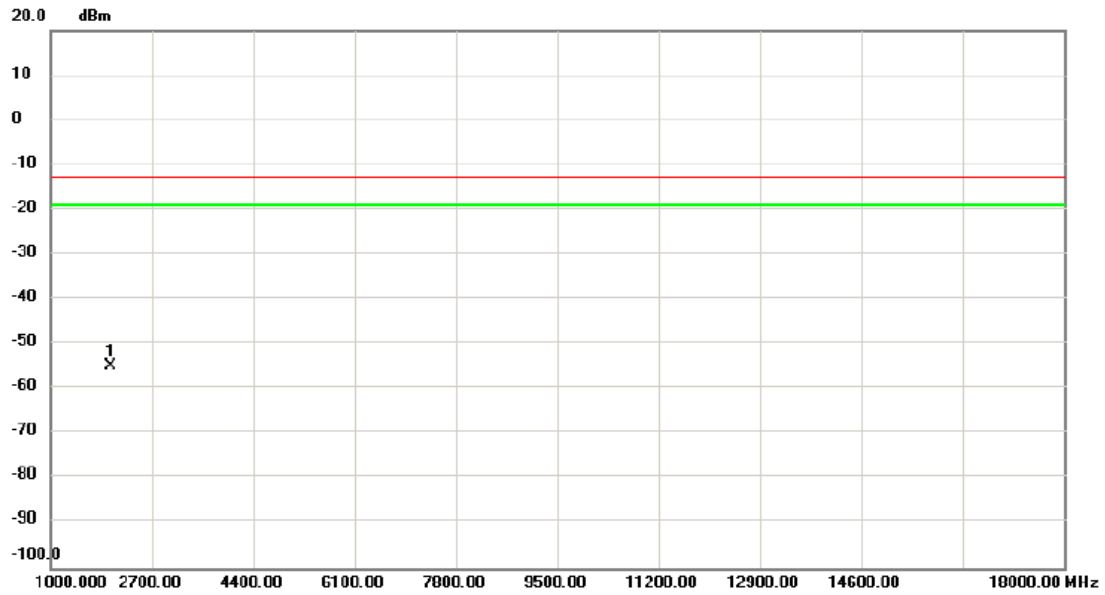


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	12381.500	-60.13	13.35	-46.78	-13.00	-33.78	peak	



Test Mode | LTE Band 4\_TX CH20175\_20M\_Second Antenna

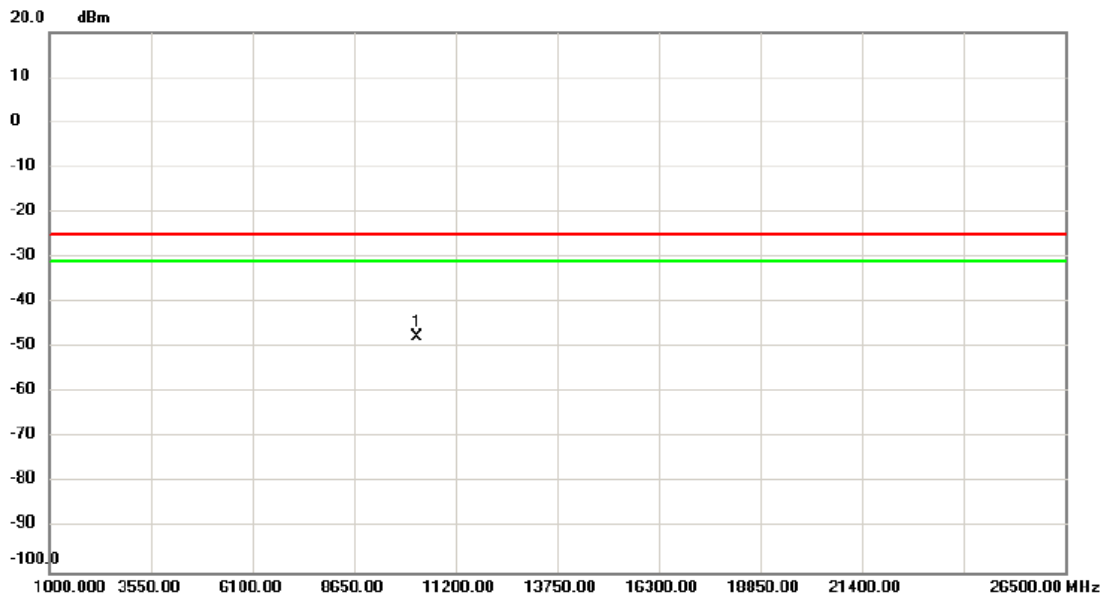
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2003.000	-51.71	-3.13	-54.84	-13.00	-41.84	peak	

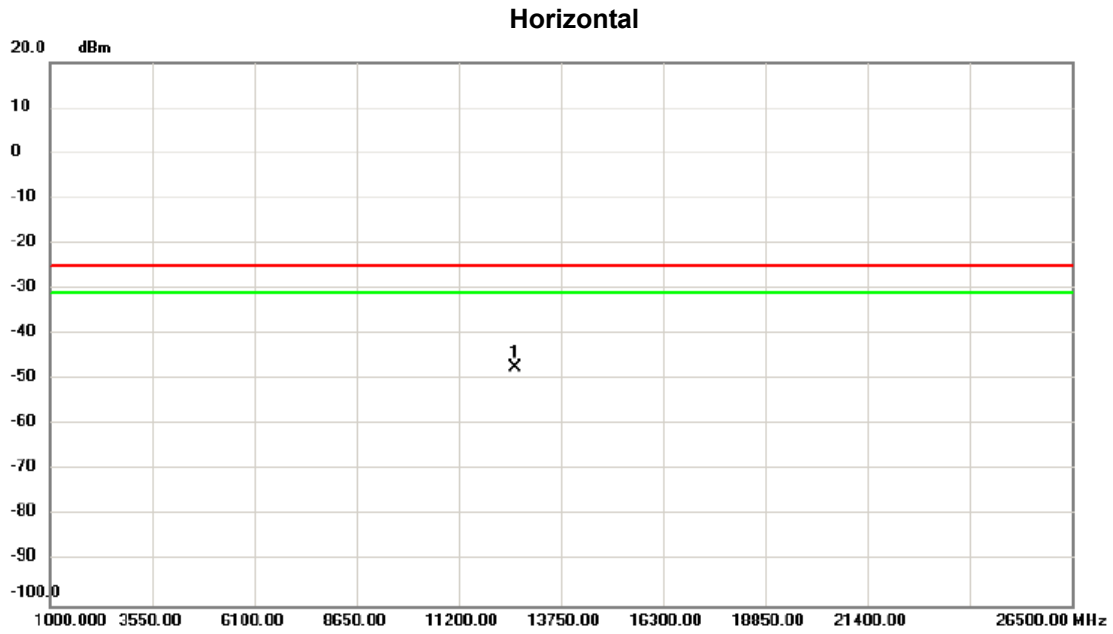
Test Mode | LTE Band 7\_TX CH21100\_5M\_Second Antenna

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	10231.000	-58.45	10.93	-47.52	-25.00	-22.52	peak	

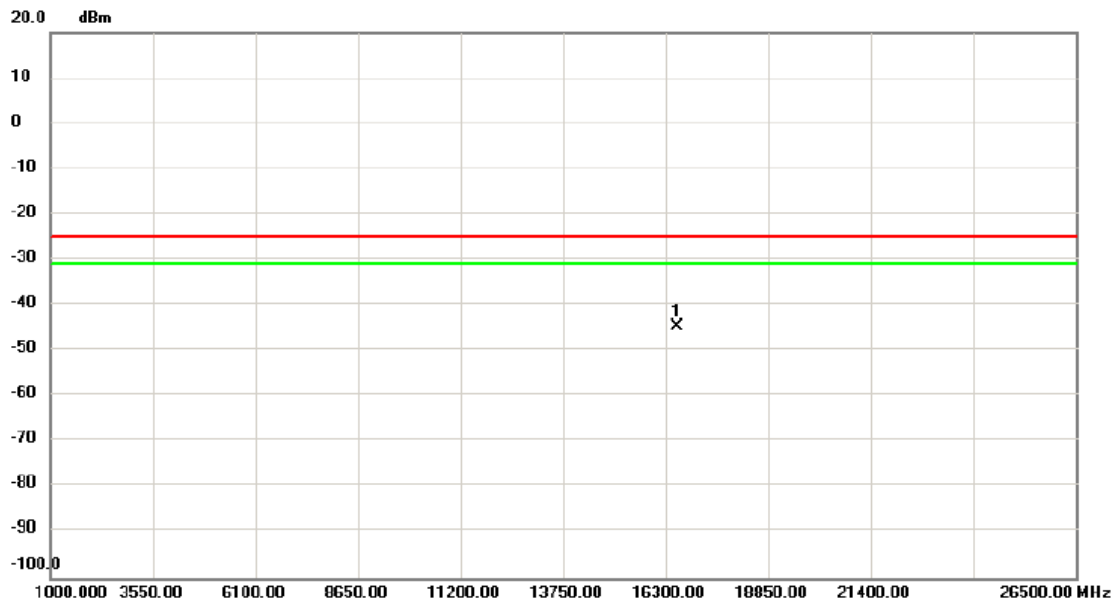
Test Mode | LTE Band 7\_TX CH21100\_5M\_Second Antenna



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	12615.250	-60.96	13.75	-47.21	-25.00	-22.21	peak	

Test Mode | LTE Band 7\_TX CH21100\_20M\_Second Antenna

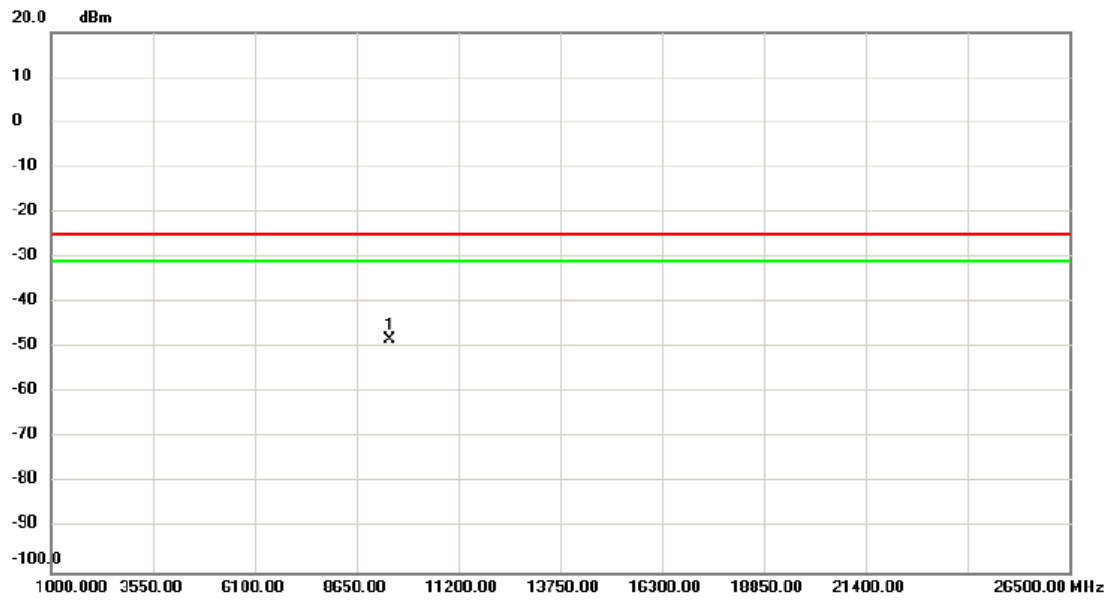
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	16580.500	-60.58	16.01	-44.57	-25.00	-19.57	peak	

Test Mode | LTE Band 7\_TX CH21100\_20M\_Second Antenna

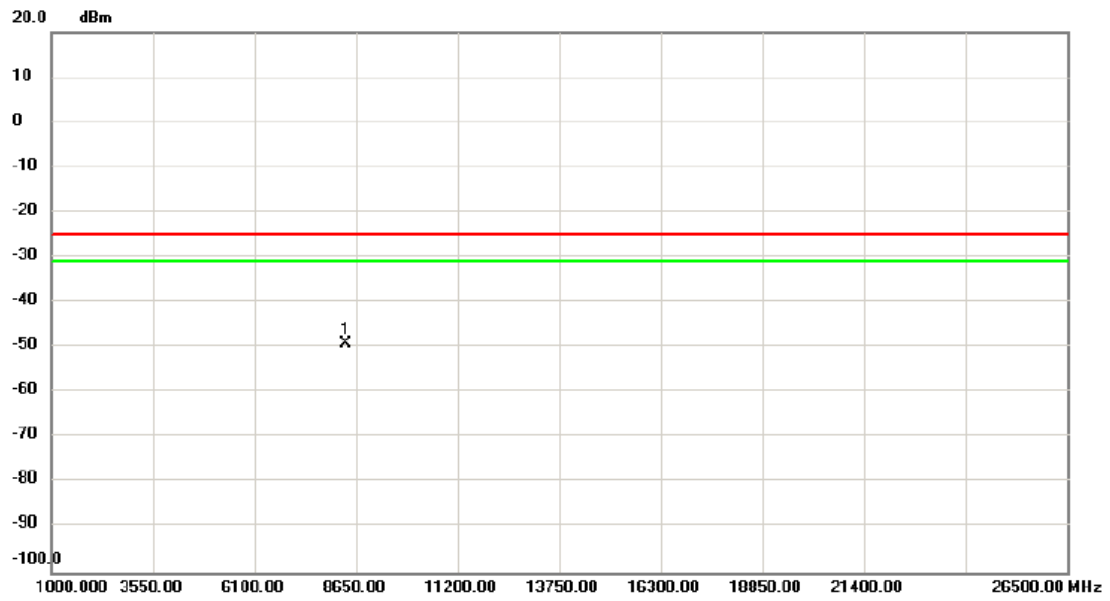
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9466.000	-58.61	10.31	-48.30	-25.00	-23.30	peak	

Test Mode | LTE Band 38\_TX CH38000\_5M\_Second Antenna

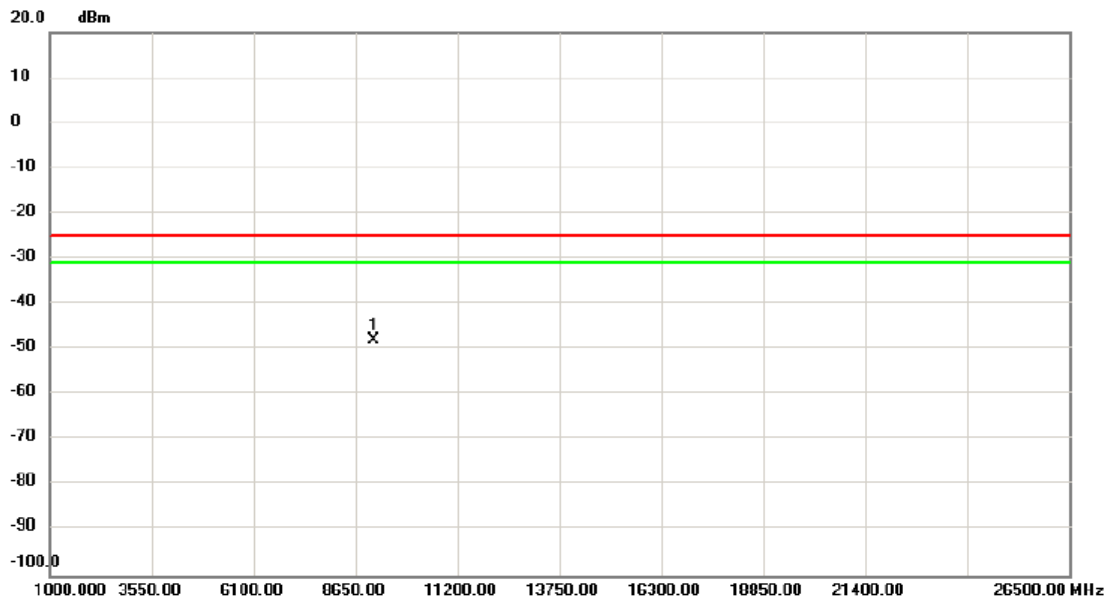
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	8395.000	-58.07	8.99	-49.08	-25.00	-24.08	peak	

Test Mode | LTE Band 38\_TX CH38000\_5M\_Second Antenna

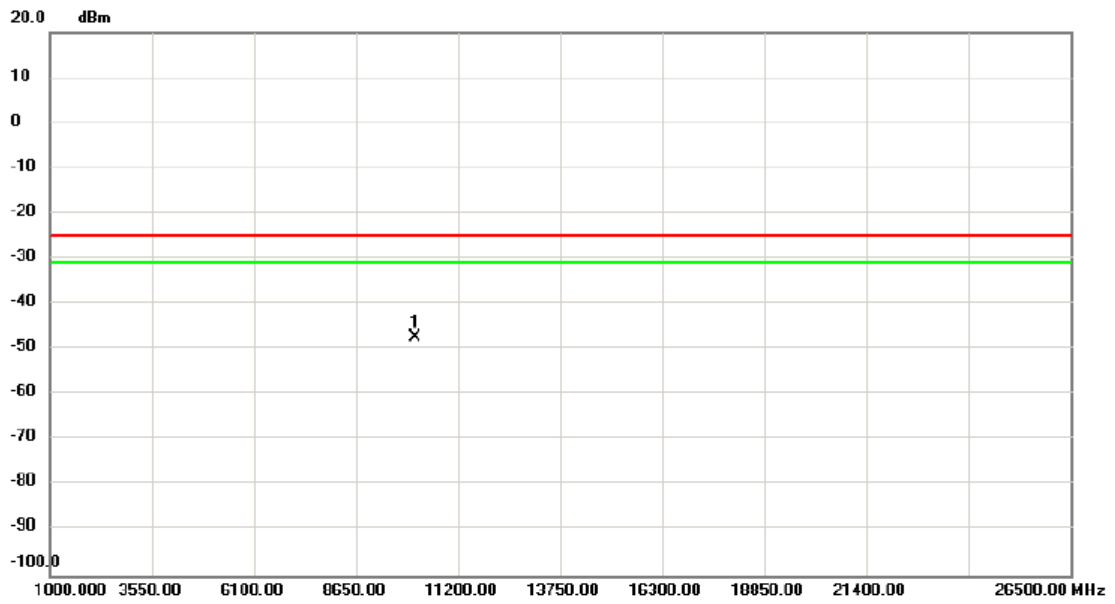
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	9096.250	-57.88	9.82	-48.06	-25.00	-23.06	peak	

Test Mode	LTE Band 38_TX CH38000_20M_Second Antenna
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**Vertical**

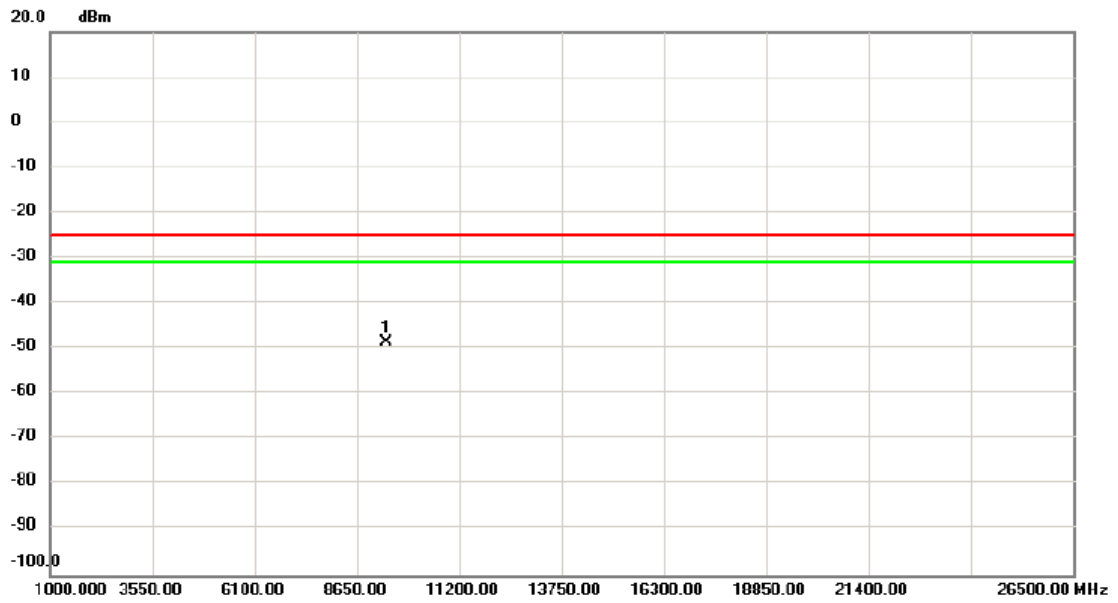


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	10116.250	-58.07	10.72	-47.35	-25.00	-22.35	peak	



Test Mode	LTE Band 38_TX CH38000_20M_Second Antenna
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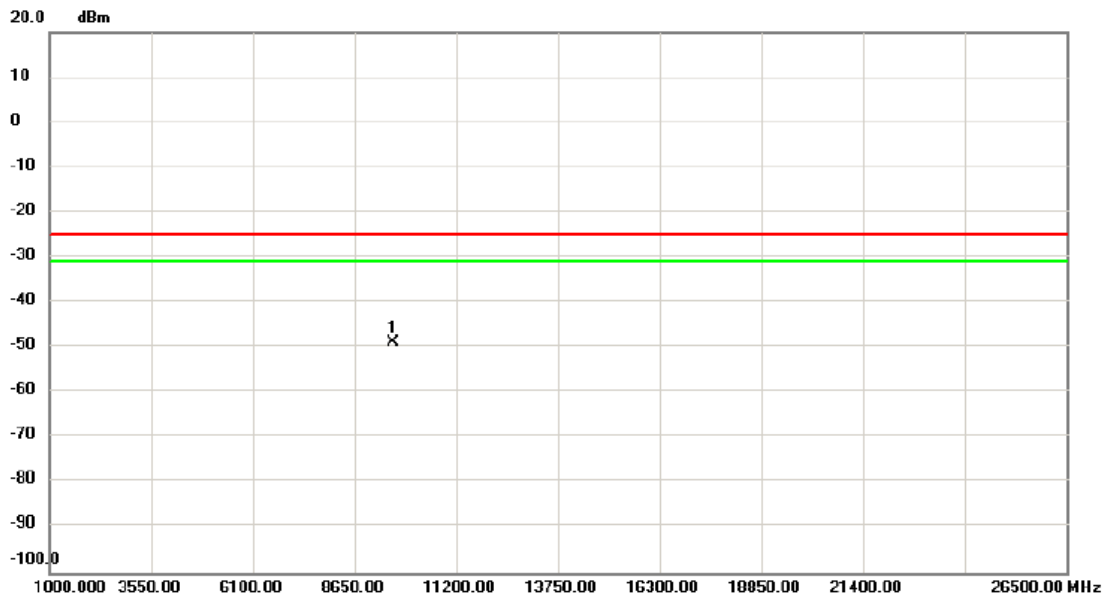
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9389.500	-58.63	10.20	-48.43	-25.00	-23.43	peak	

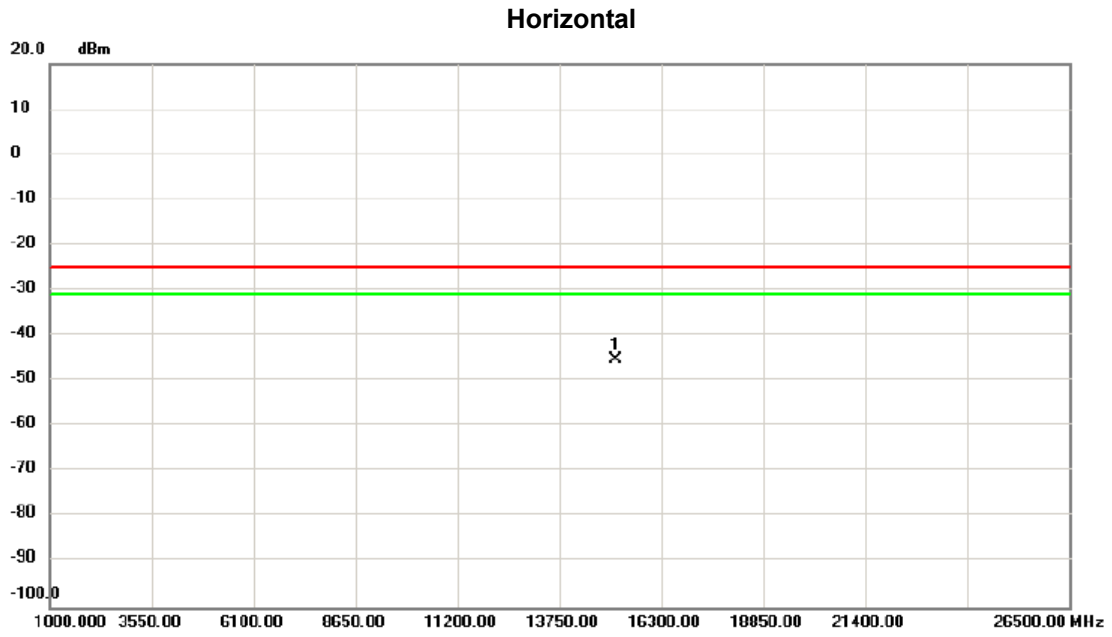
Test Mode | LTE Band 41\_TX CH40620\_5M\_Second Antenna

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9631.750	-59.27	10.39	-48.88	-25.00	-23.88	peak	

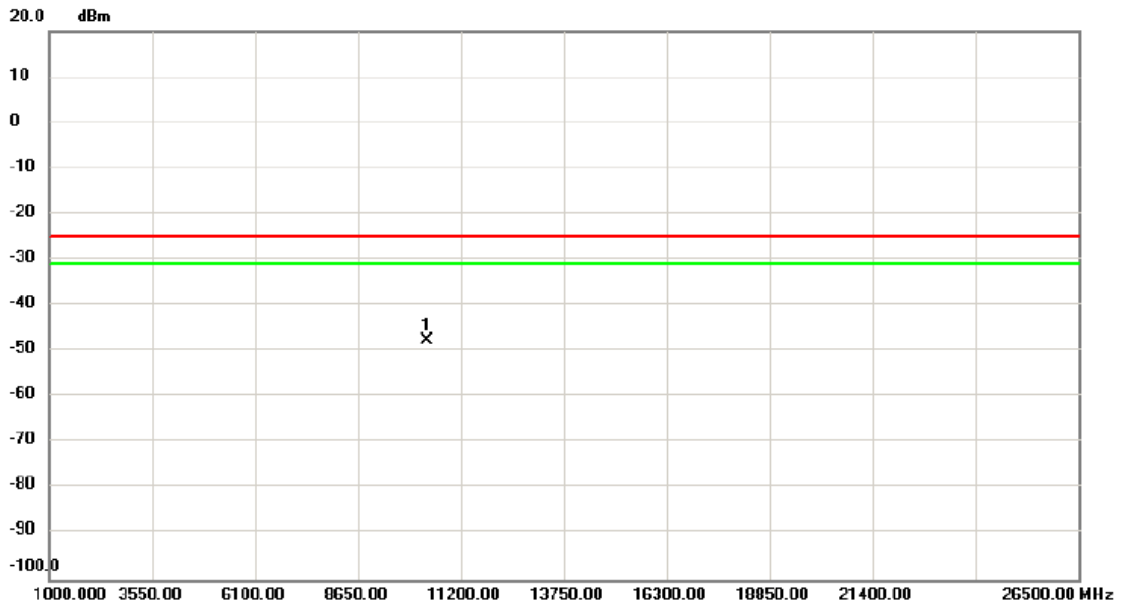
Test Mode	LTE Band 41_TX CH40620_5M_Second Antenna
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	15165.250	-60.56	15.39	-45.17	-25.00	-20.17	peak	

Test Mode | LTE Band 41\_TX CH40620\_20M\_Second Antenna

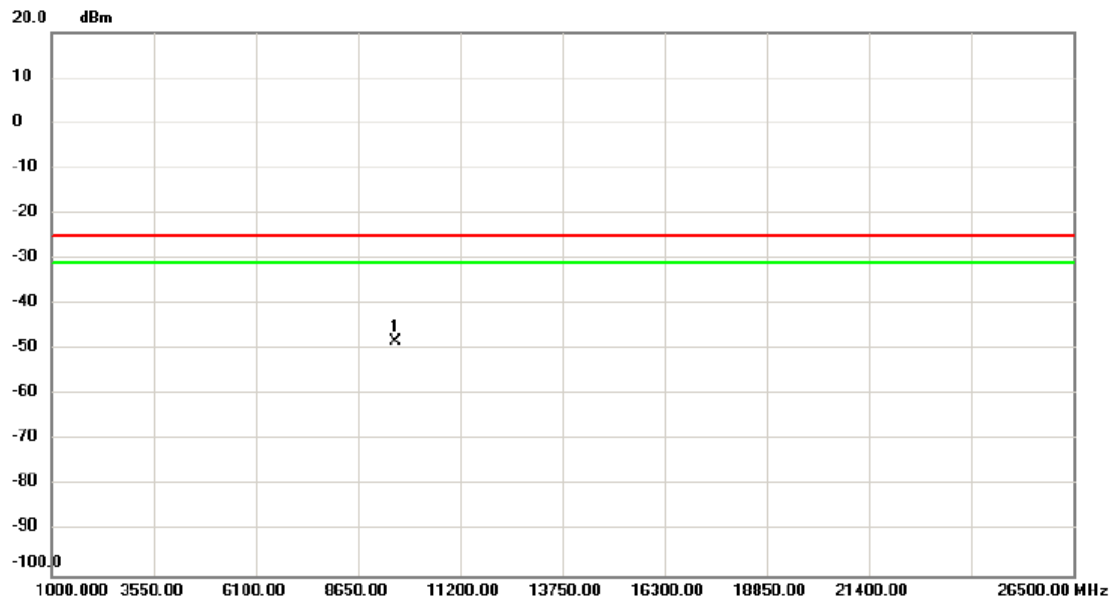
### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	10371.250	-58.74	11.21	-47.53	-25.00	-22.53	peak	

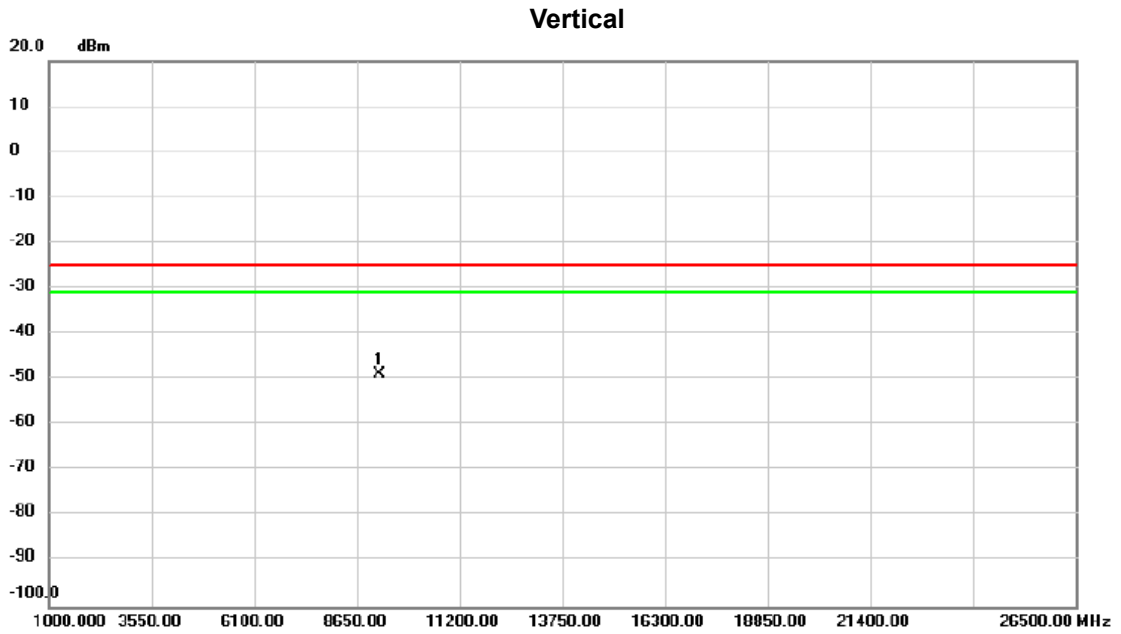
Test Mode | LTE Band 41\_TX CH40620\_20M\_Second Antenna

### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	9568.000	-58.49	10.38	-48.11	-25.00	-23.11	peak	

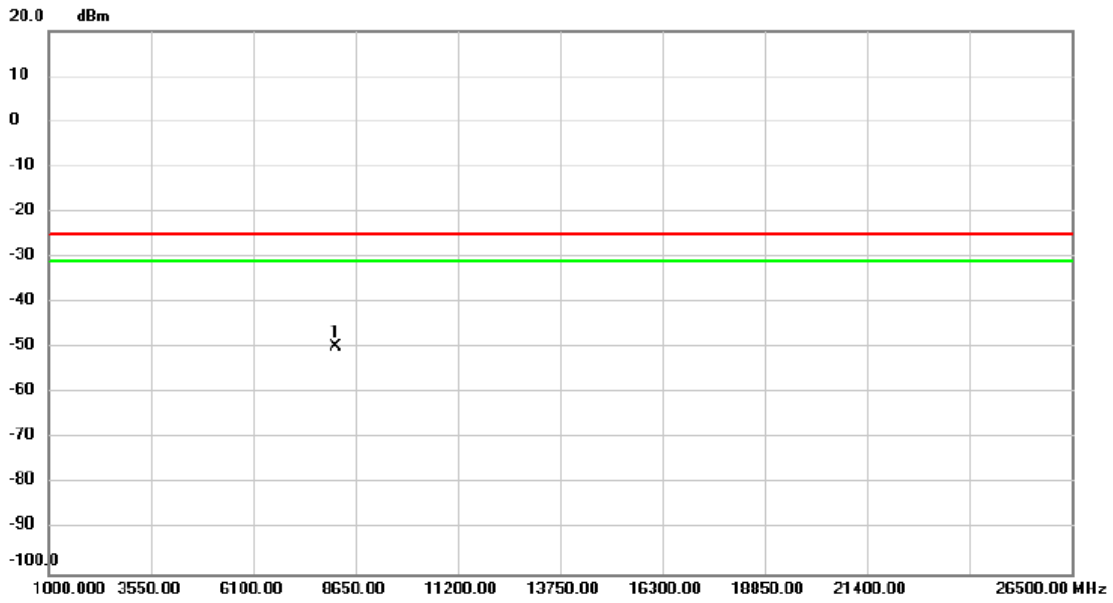
Test Mode	LTE CA_7C_TX Mid-Range_20M+10M_Second Antenna
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9211.000	-58.76	9.97	-48.79	-25.00	-23.79	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+10M\_Second Antenna

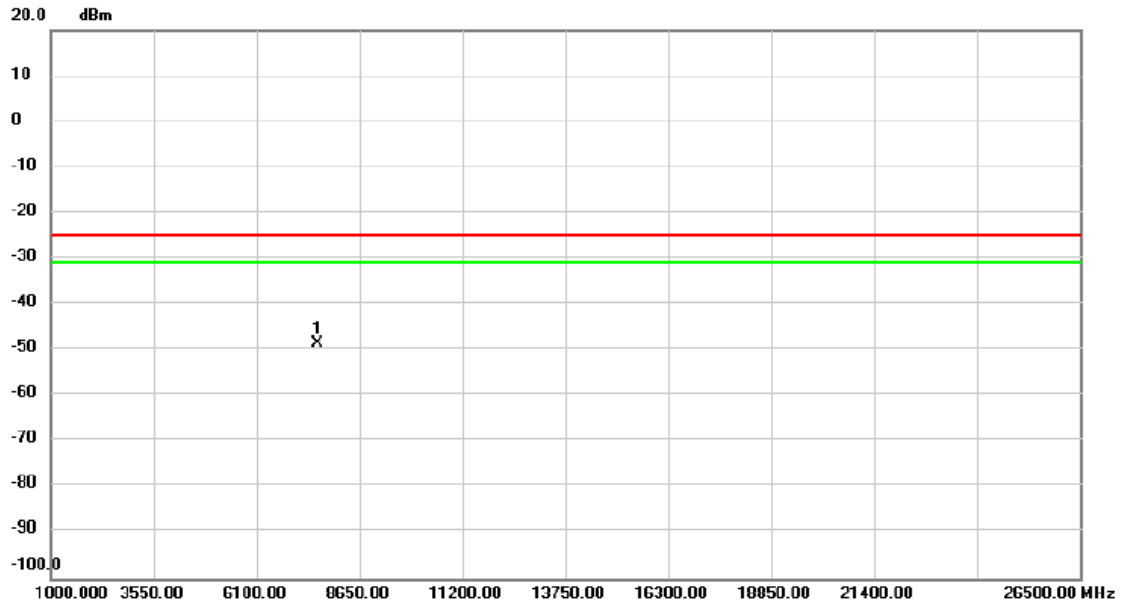
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	8152.750	-58.52	8.67	-49.85	-25.00	-24.85	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_15M+10M\_Second Antenna

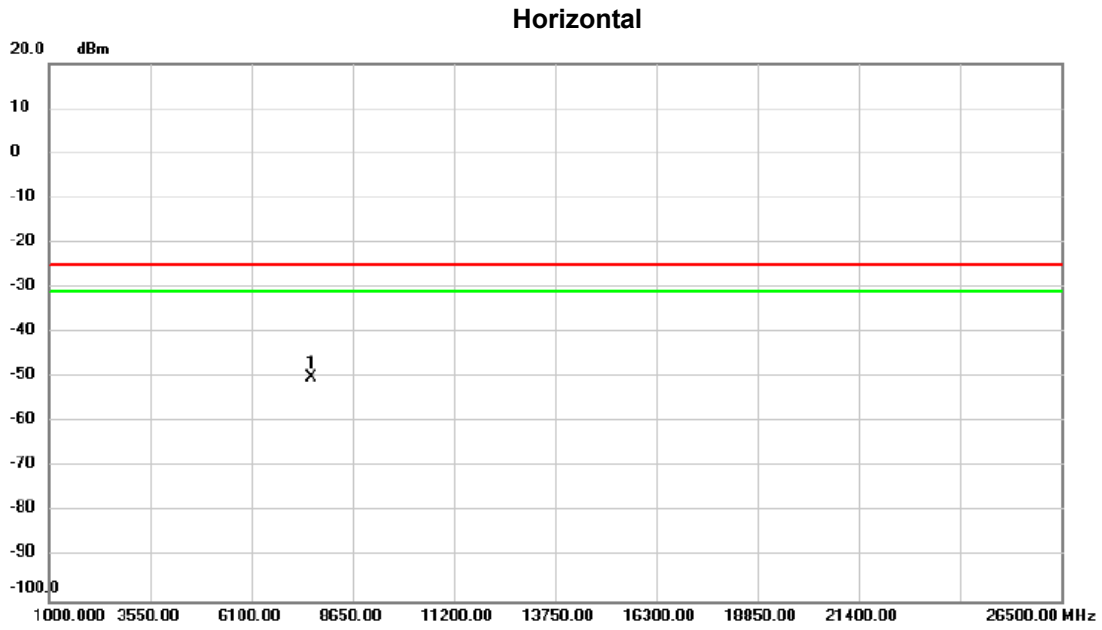
### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7604.500	-57.28	8.68	-48.60	-25.00	-23.60	peak	



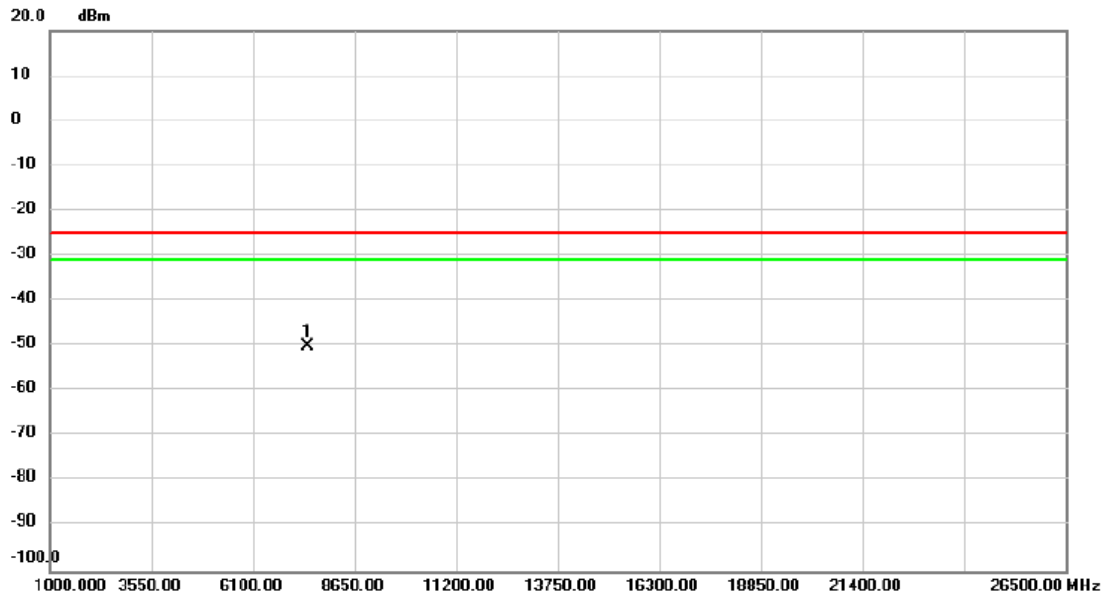
Test Mode	LTE CA_7C_TX Mid-Range_15M+10M_Second Antenna
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7604.500	-58.64	8.68	-49.96	-25.00	-24.96	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+15M\_Second Antenna

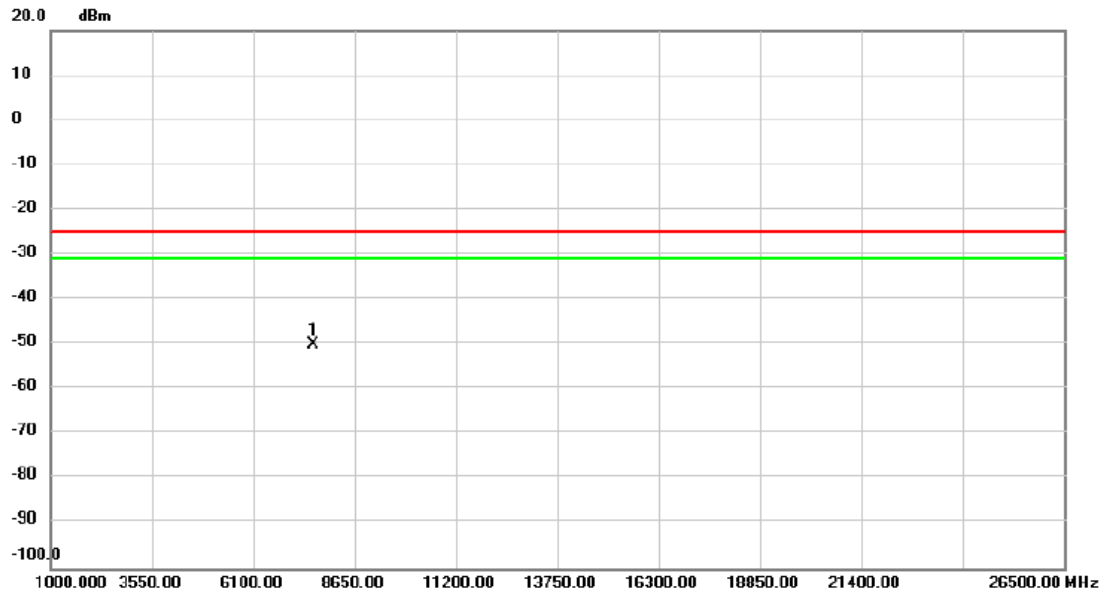
### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7489.750	-58.74	8.71	-50.03	-25.00	-25.03	peak	

Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+15M\_Second Antenna

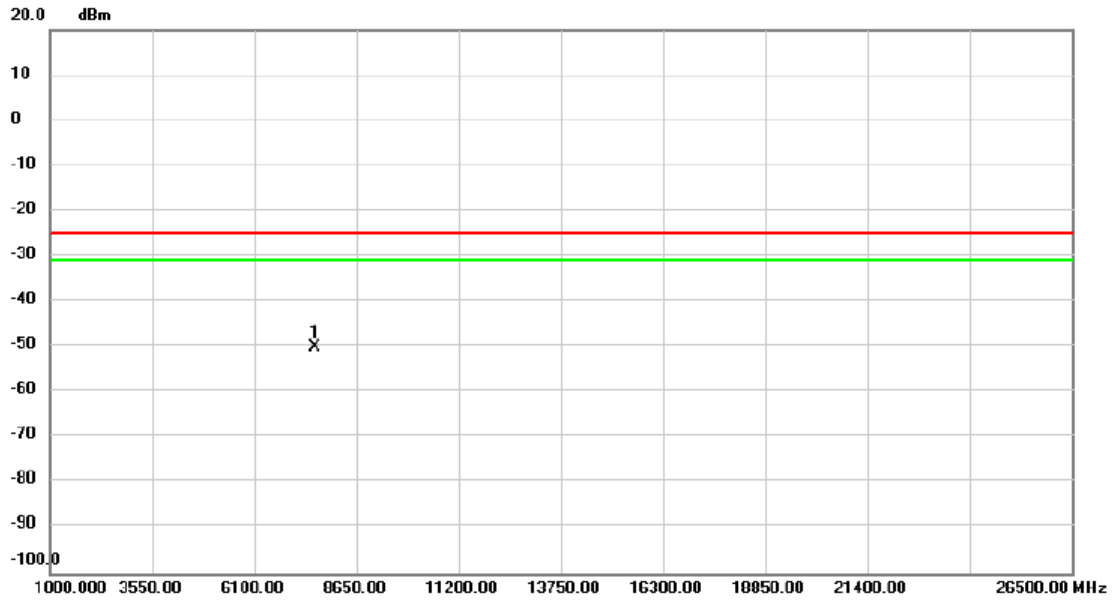
### Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7604.500	-58.58	8.68	-49.90	-25.00	-24.90	peak	

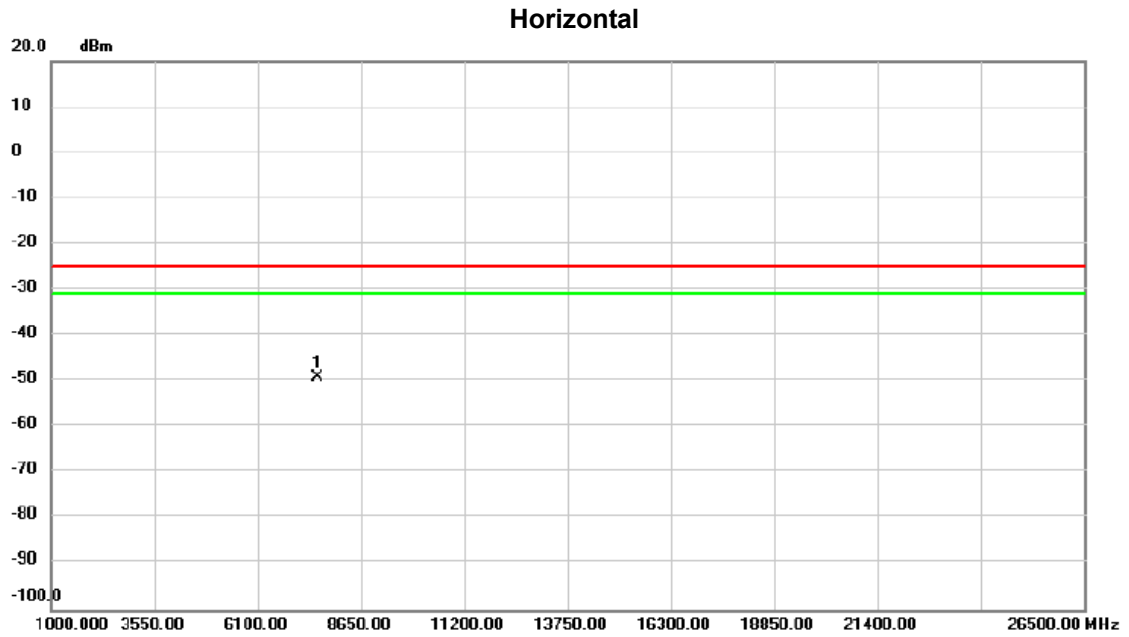
Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+20M\_Second Antenna

### Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7604.500	-58.74	8.68	-50.06	-25.00	-25.06	peak	

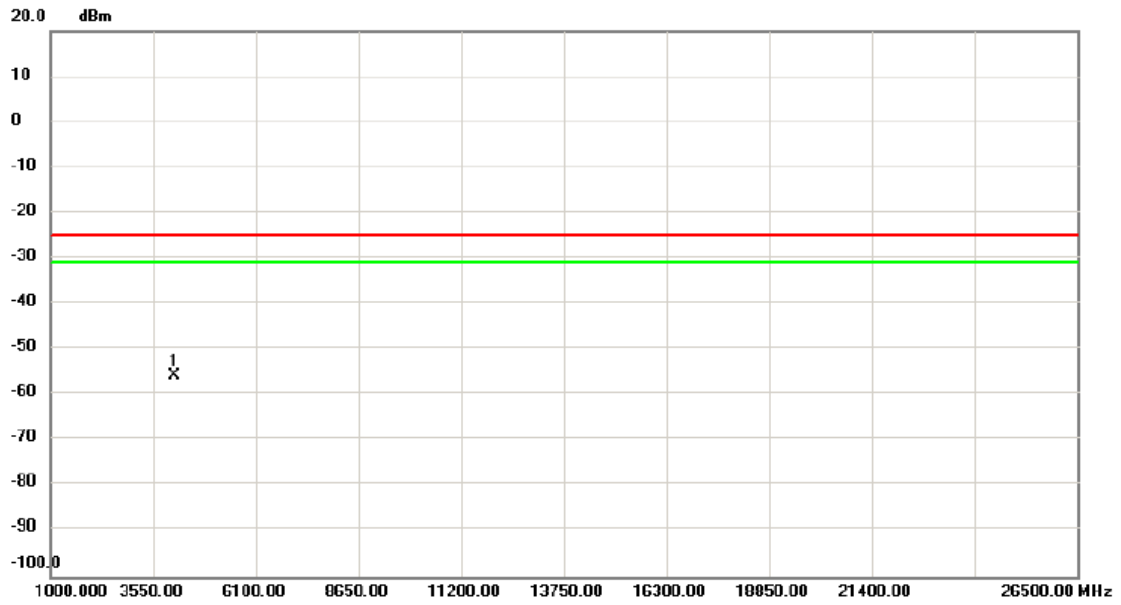
Test Mode | LTE CA\_7C\_TX Mid-Range\_20M+20M\_Second Antenna



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	7566.250	-57.79	8.70	-49.09	-25.00	-24.09	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_15M+15M\_Second Antenna

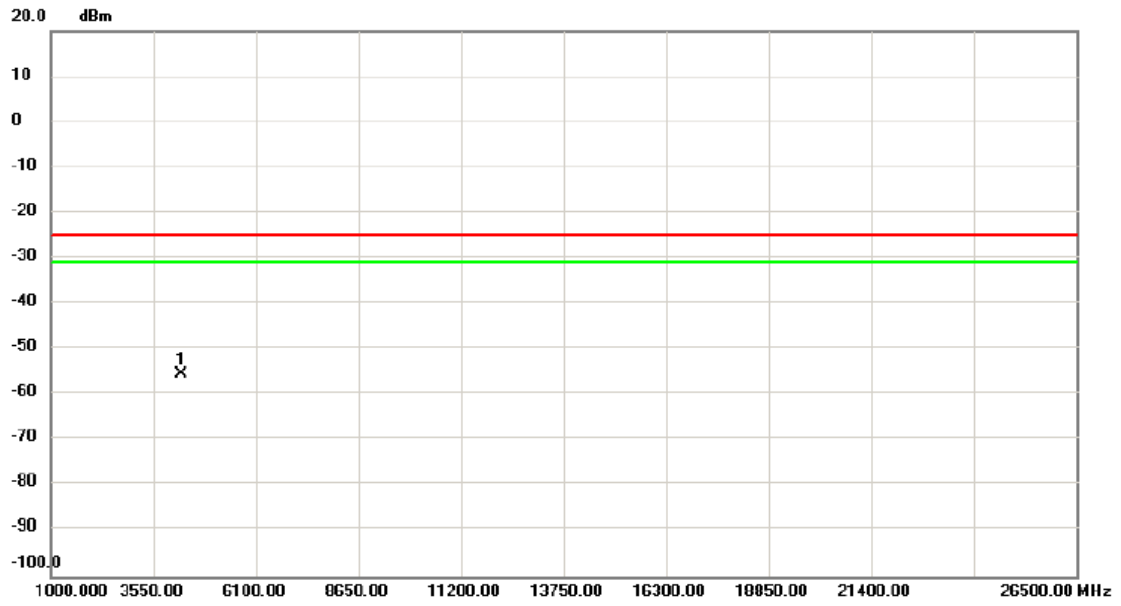
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	4072.750	-56.86	1.24	-55.62	-25.00	-30.62	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_15M+15M\_Second Antenna

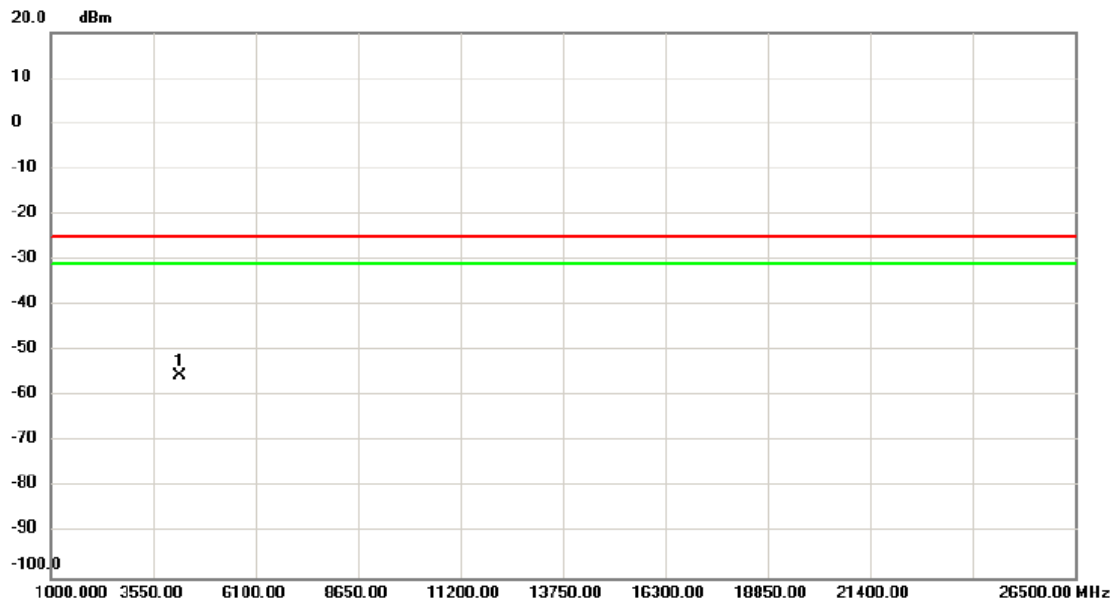
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	4238.500	-56.66	1.32	-55.34	-25.00	-30.34	peak	

Test Mode | LTE CA\_38C\_TX Mid-Range\_20M+20M\_Second Antenna

### Vertical

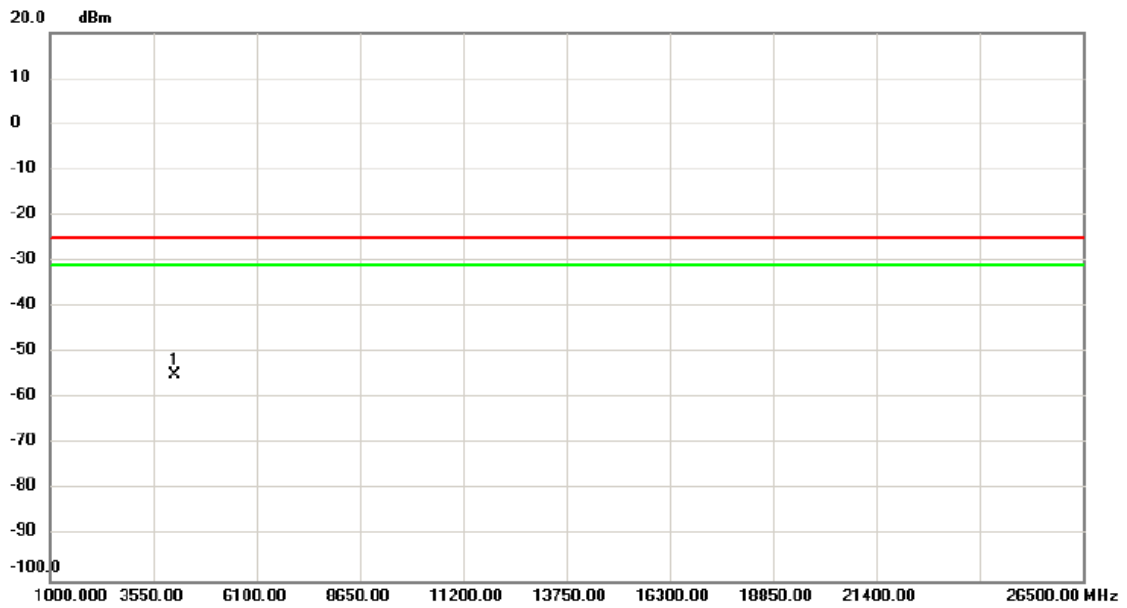


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	4225.750	-56.87	1.31	-55.56	-25.00	-30.56	peak	



Test Mode | LTE CA\_38C\_TX Mid-Range\_20M+20M\_Second Antenna

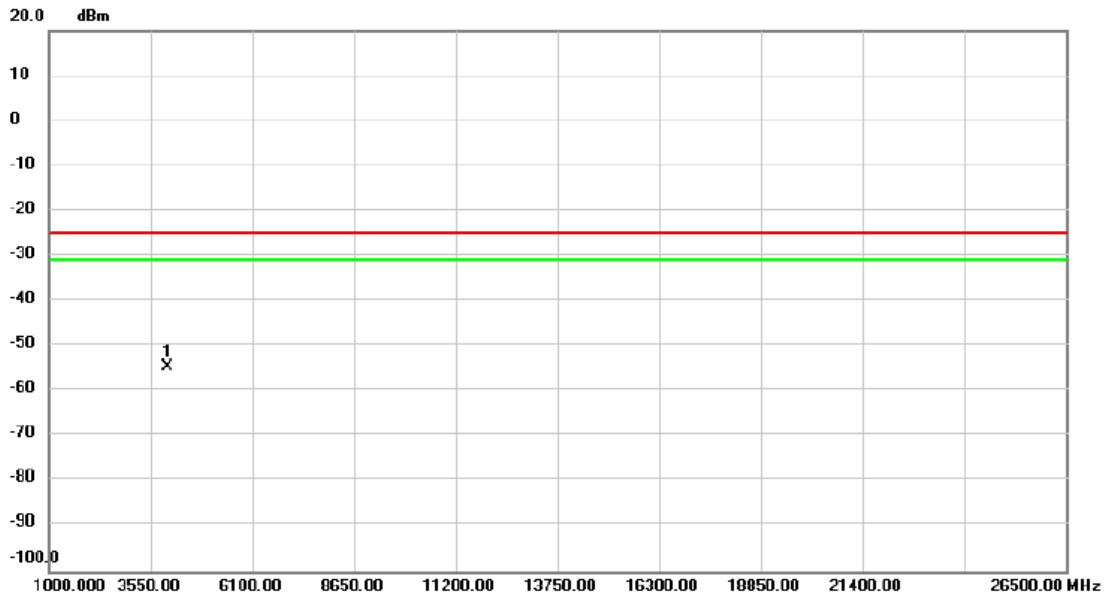
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	4085.500	-56.08	1.24	-54.84	-25.00	-29.84	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_15M+10M\_Second Antenna

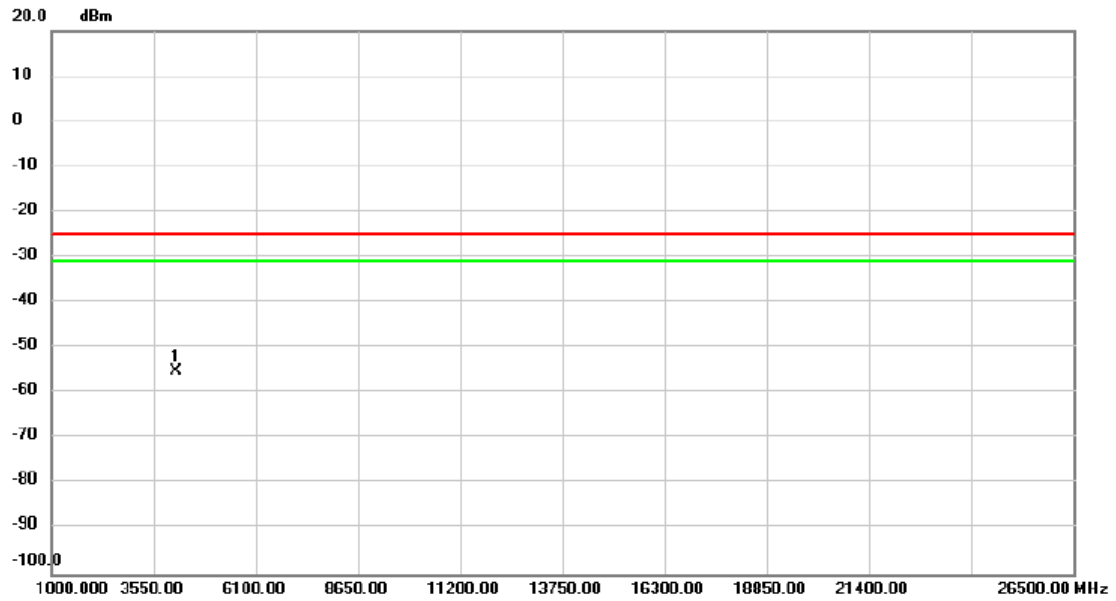
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3958.000	-55.53	1.12	-54.41	-25.00	-29.41	peak	

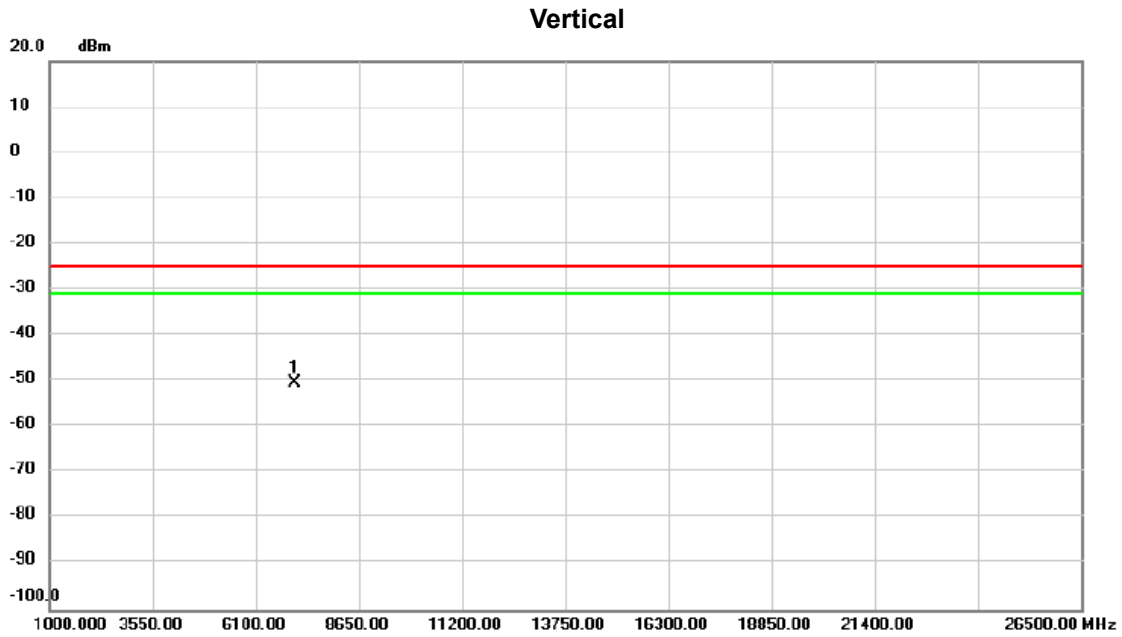
Test Mode | LTE CA\_41C\_TX Mid-Range\_15M+10M\_Second Antenna

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	4098.250	-56.41	1.25	-55.16	-25.00	-30.16	peak	

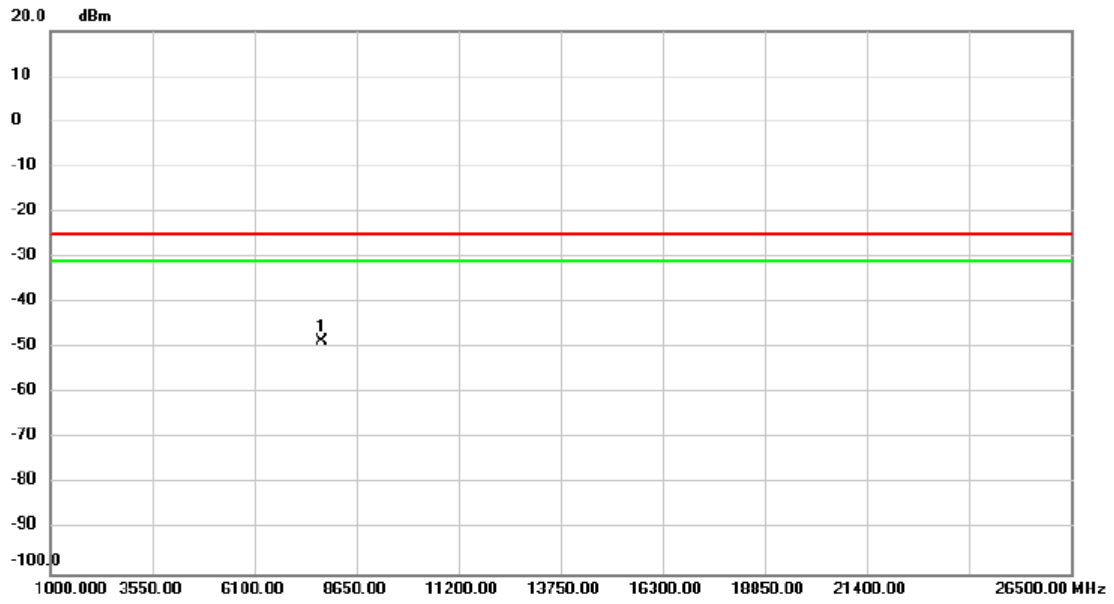
Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+10M\_Second Antenna



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7069.000	-58.54	8.12	-50.42	-25.00	-25.42	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+10M\_Second Antenna

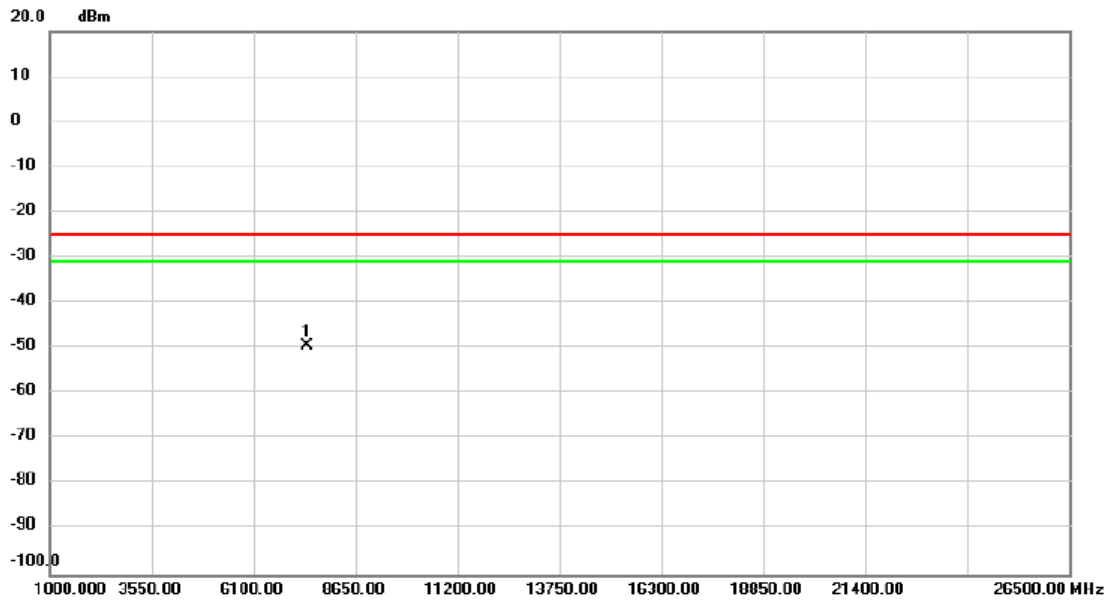
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	7795.750	-57.03	8.58	-48.45	-25.00	-23.45	peak	

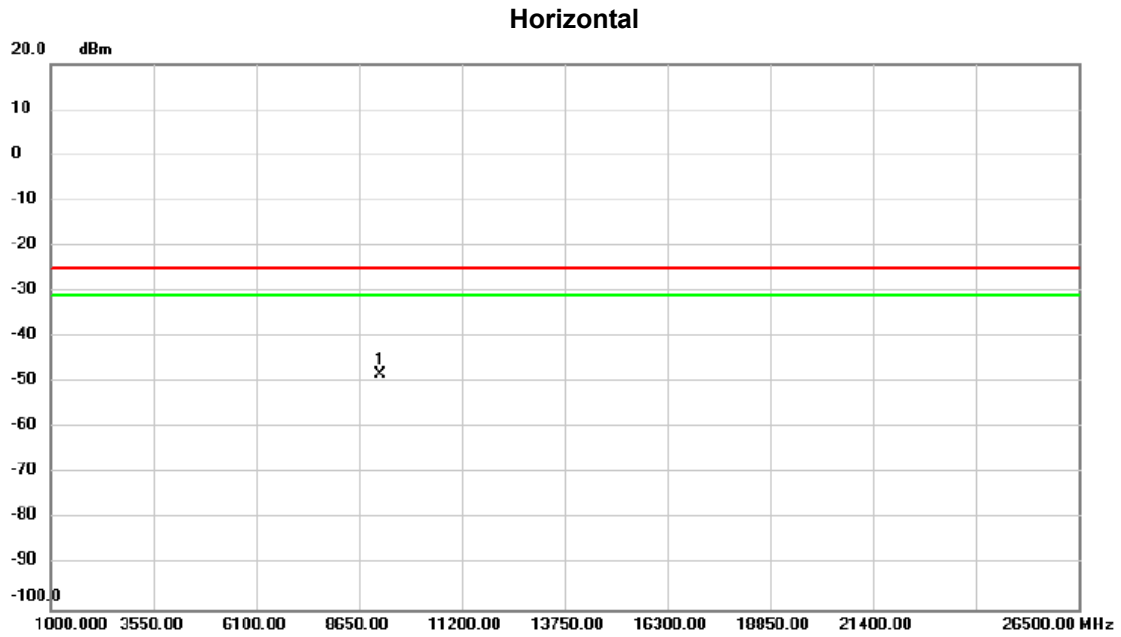
Test Mode	LTE CA_41C_TX Mid-Range_20M+15M_Second Antenna
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**Vertical**



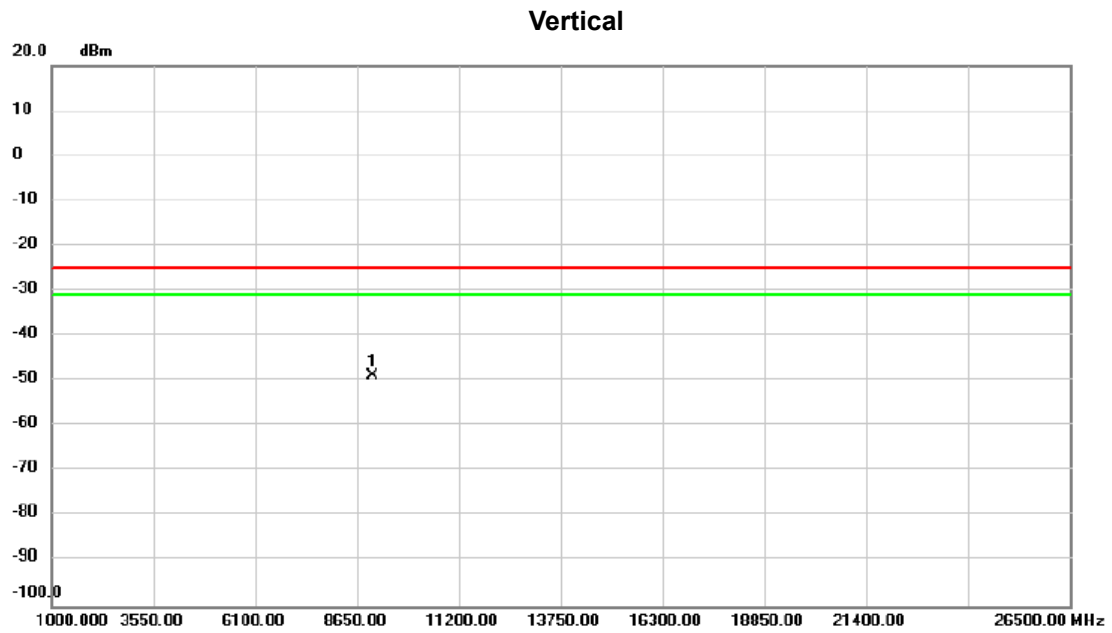
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7438.750	-58.15	8.64	-49.51	-25.00	-24.51	peak	

Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+15M\_Second Antenna



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9160.000	-58.21	9.91	-48.30	-25.00	-23.30	peak	

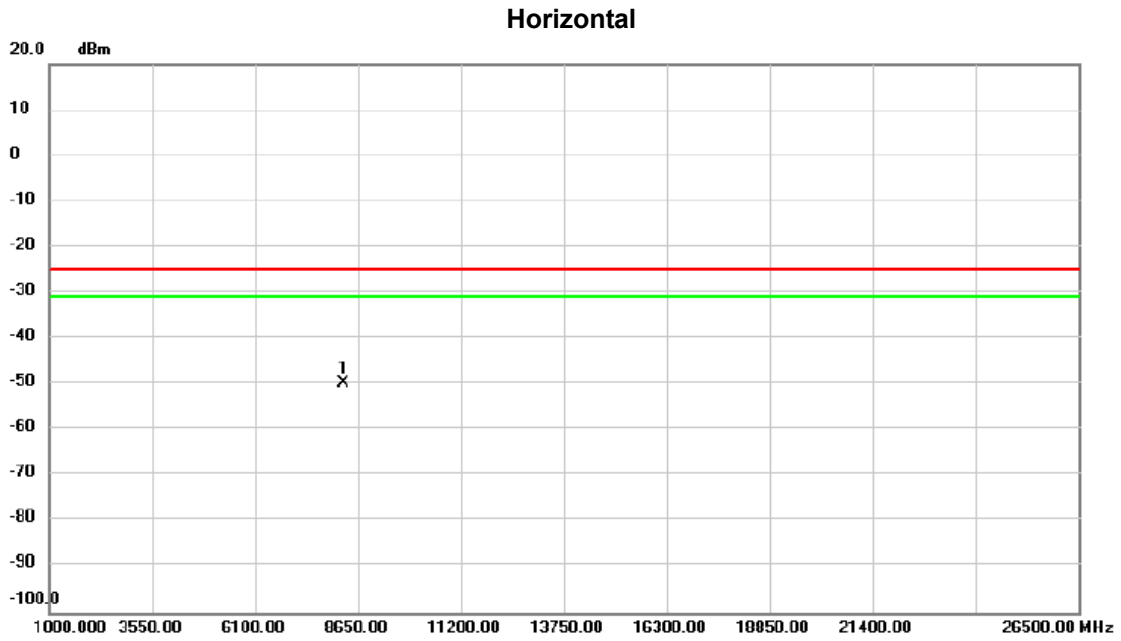
Test Mode	LTE CA_41C_TX Mid-Range_20M+20M_Second Antenna
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	9032.500	-58.58	9.73	-48.85	-25.00	-23.85	peak	



Test Mode | LTE CA\_41C\_TX Mid-Range\_20M+20M\_Second Antenna



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	8293.000	-58.72	8.85	-49.87	-25.00	-24.87	peak	

## APPENDIX G - BAND EDGE

