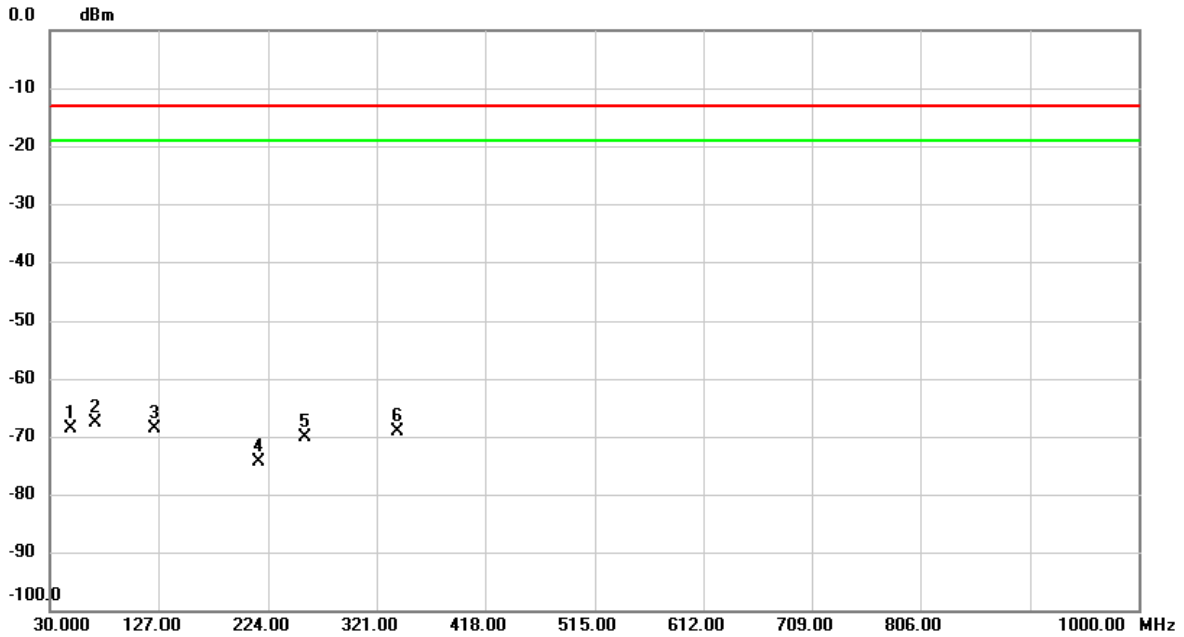


APPENDIX F FIELD STRENGTH OF SPURIOUS RADIATION

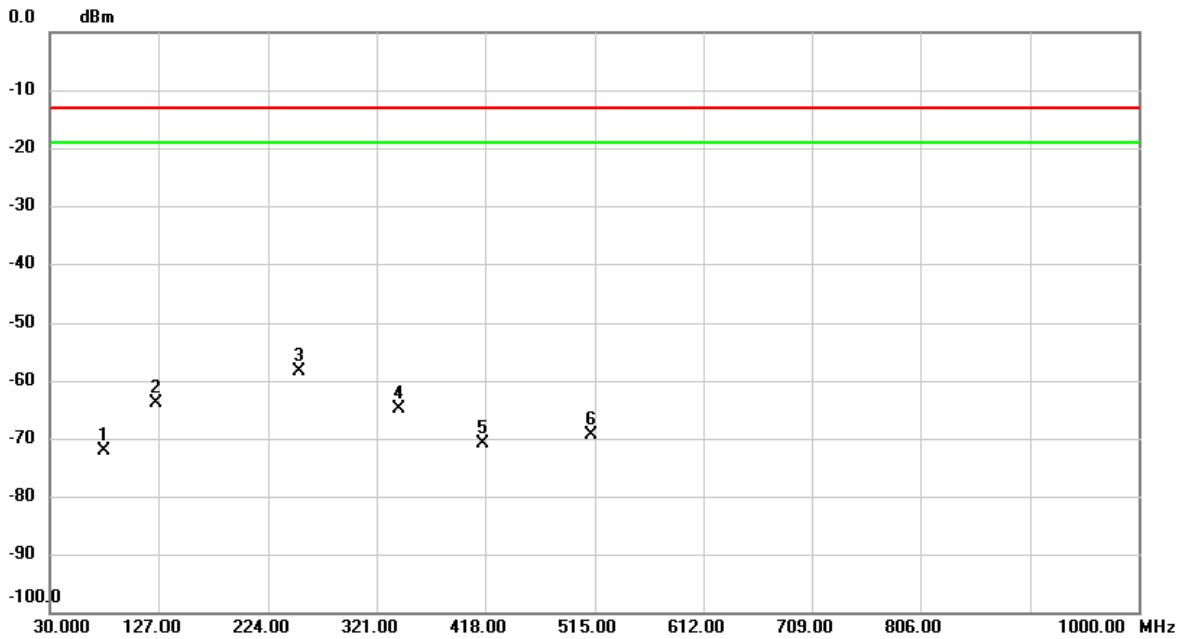
CONTINUE ON NEXT PAGE

Test Mode	WCDMA_Band V_Without Docking	Polarization	Vertical
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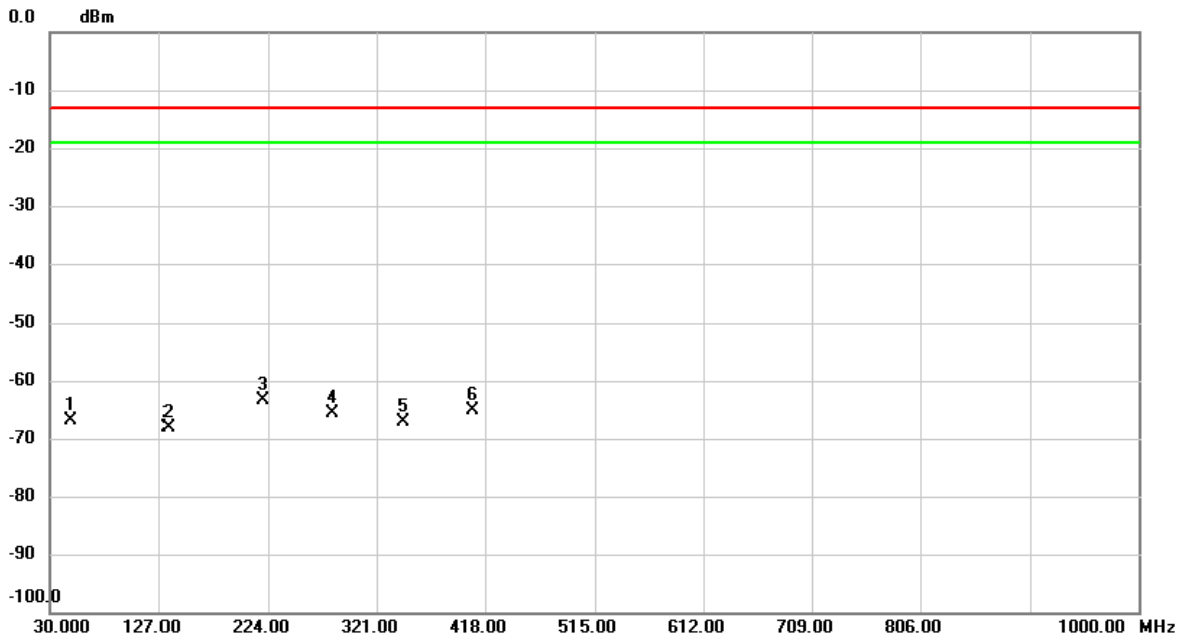
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Over dB	Detector	Comment
1		48.4300	-63.21	-5.41	-68.62	-13.00	-55.62	peak	
2	*	70.7400	-65.67	-1.83	-67.50	-13.00	-54.50	peak	
3		124.0900	-66.73	-1.81	-68.54	-13.00	-55.54	peak	
4		215.2700	-69.37	-4.98	-74.35	-13.00	-61.35	peak	
5		256.9800	-67.42	-2.73	-70.15	-13.00	-57.15	peak	
6		339.4300	-69.71	0.48	-69.23	-13.00	-56.23	peak	

Test Mode	WCDMA_Band V_Without Docking	Polarization	Vertical
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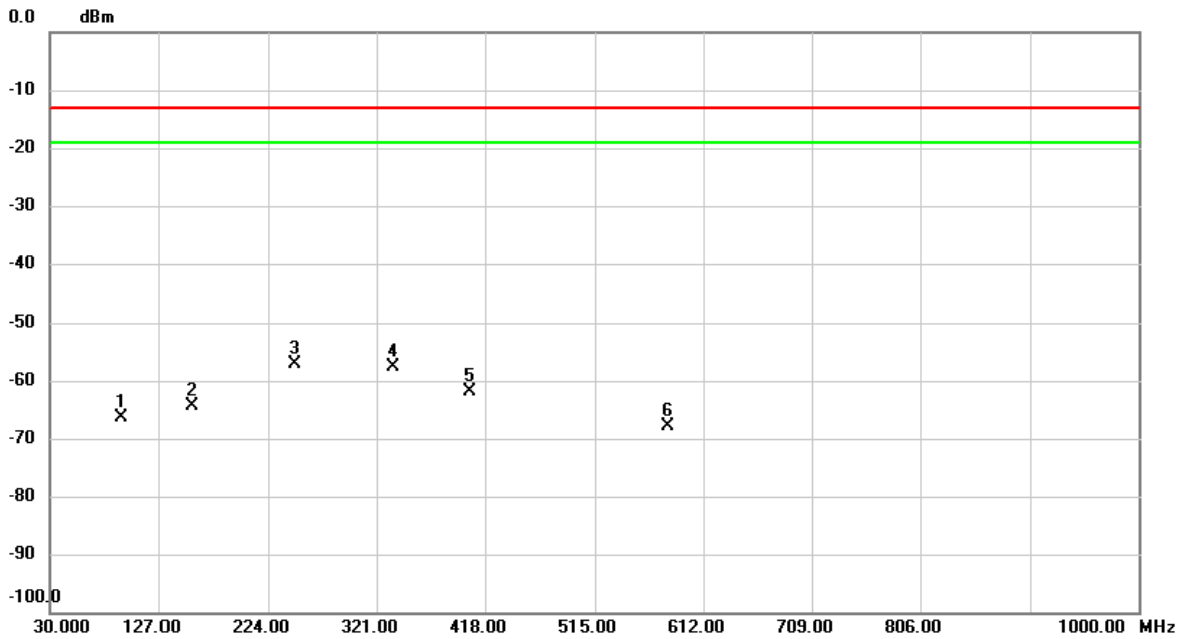
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		78.5000	-70.23	-1.96	-72.19	-13.00	-59.19	peak	
2		125.0600	-62.11	-1.87	-63.98	-13.00	-50.98	peak	
3	*	252.1300	-55.73	-2.75	-58.48	-13.00	-45.48	peak	
4		340.4000	-65.27	0.52	-64.75	-13.00	-51.75	peak	
5		416.0600	-74.33	3.55	-70.78	-13.00	-57.78	peak	
6		511.1200	-73.84	4.59	-69.25	-13.00	-56.25	peak	

Test Mode	WCDMA_Band V_With Desk Docking	Polarization	Horizontal
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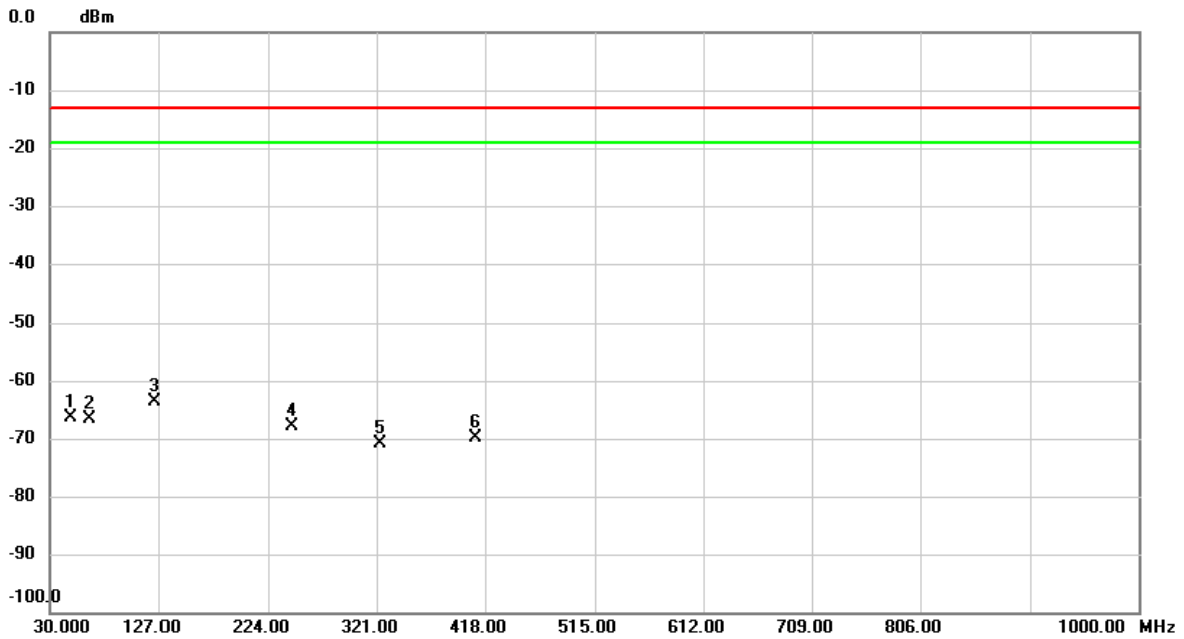
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Over dB	Detector	Comment
1		48.4300	-61.35	-5.41	-66.76	-13.00	-53.76	peak	
2		135.7300	-67.22	-0.81	-68.03	-13.00	-55.03	peak	
3	*	219.1500	-58.56	-4.69	-63.25	-13.00	-50.25	peak	
4		281.2300	-64.34	-1.35	-65.69	-13.00	-52.69	peak	
5		344.2800	-67.71	0.67	-67.04	-13.00	-54.04	peak	
6		406.3600	-68.56	3.43	-65.13	-13.00	-52.13	peak	

Test Mode	WCDMA_Band V_With Desk Docking	Polarization	Horizontal
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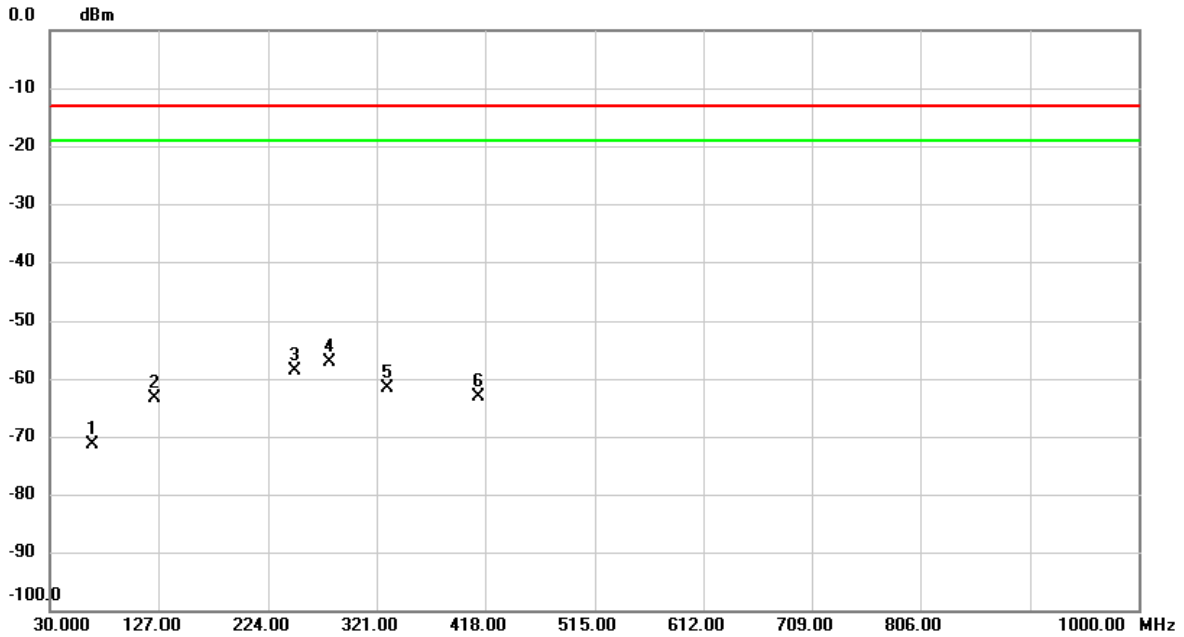
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		94.0200	-63.99	-2.38	-66.37	-13.00	-53.37	peak	
2		156.1000	-63.98	-0.47	-64.45	-13.00	-51.45	peak	
3	*	248.2500	-54.18	-2.87	-57.05	-13.00	-44.05	peak	
4		335.5500	-58.02	0.33	-57.69	-13.00	-44.69	peak	
5		404.4200	-65.27	3.41	-61.86	-13.00	-48.86	peak	
6		579.9900	-73.36	5.53	-67.83	-13.00	-54.83	peak	

Test Mode	WCDMA_Band V_With VESA Docking	Polarization	Horizontal
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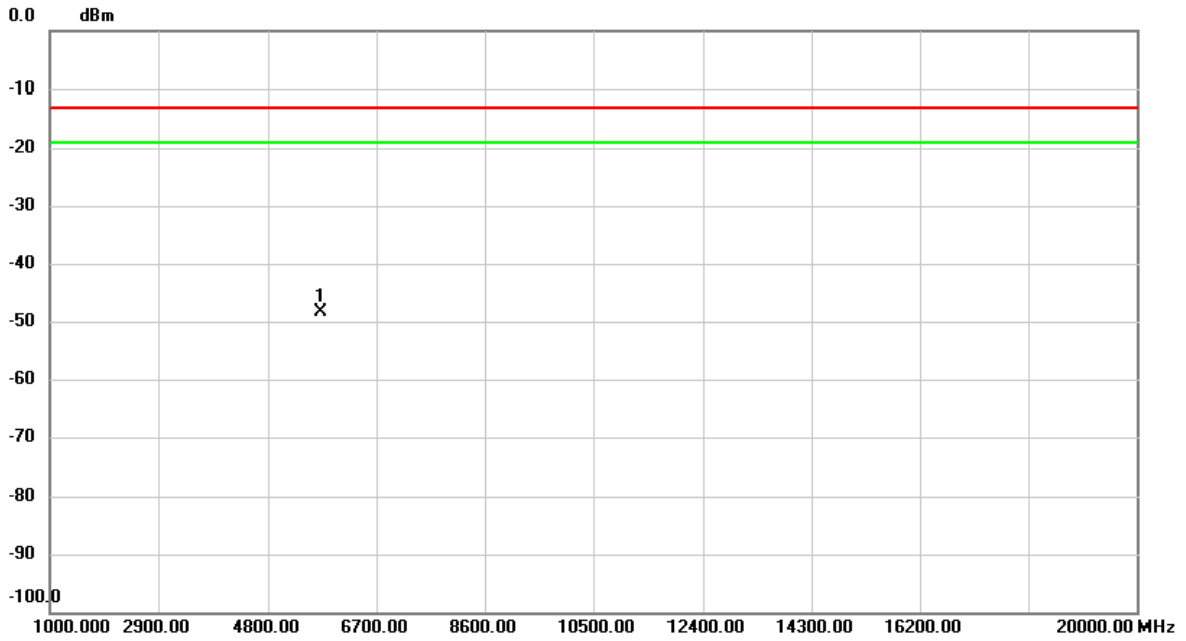
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		48.4300	-61.04	-5.41	-66.45	-13.00	-53.45	peak	
2		64.9200	-62.61	-4.12	-66.73	-13.00	-53.73	peak	
3	*	124.0900	-61.73	-1.81	-63.54	-13.00	-50.54	peak	
4		245.3400	-64.71	-3.05	-67.76	-13.00	-54.76	peak	
5		323.9100	-70.63	-0.13	-70.76	-13.00	-57.76	peak	
6		409.2700	-73.31	3.47	-69.84	-13.00	-56.84	peak	

Test Mode	WCDMA_Band V_With VESA Docking	Polarization	Horizontal
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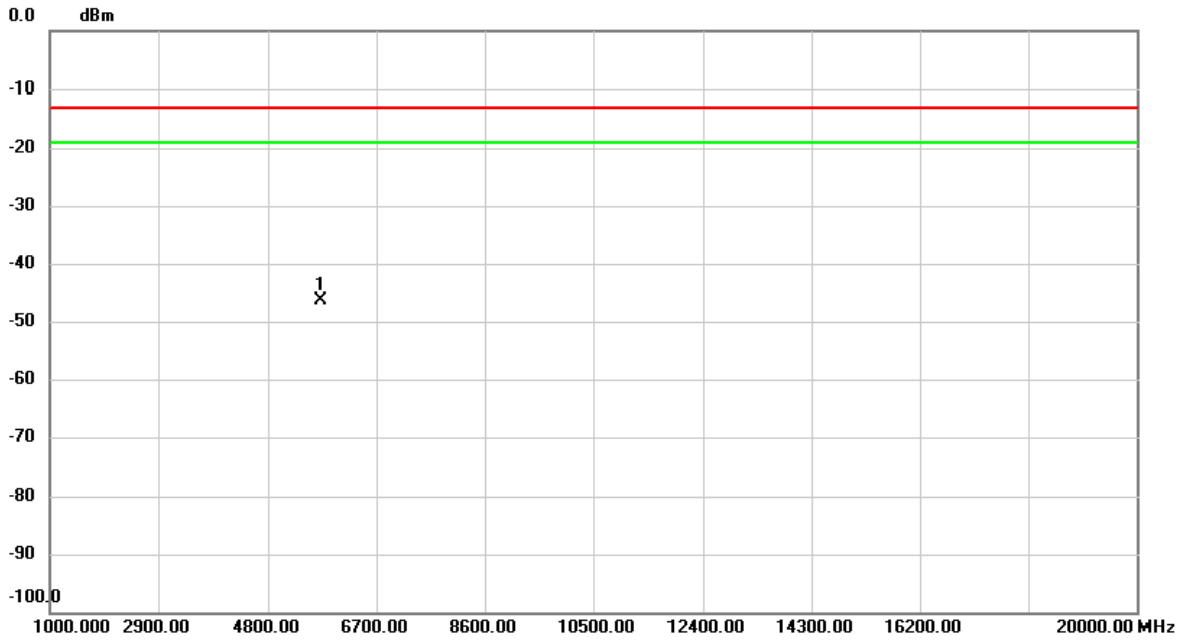
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		67.8300	-68.57	-2.80	-71.37	-13.00	-58.37	peak	
2		123.1200	-61.62	-1.74	-63.36	-13.00	-50.36	peak	
3		247.2800	-55.71	-2.93	-58.64	-13.00	-45.64	peak	
4	*	278.3200	-55.66	-1.49	-57.15	-13.00	-44.15	peak	
5		330.7000	-61.82	0.14	-61.68	-13.00	-48.68	peak	
6		412.1800	-66.51	3.50	-63.01	-13.00	-50.01	peak	

Test Mode	WCDMA_Band V_Without Docking	Polarization	Horizontal
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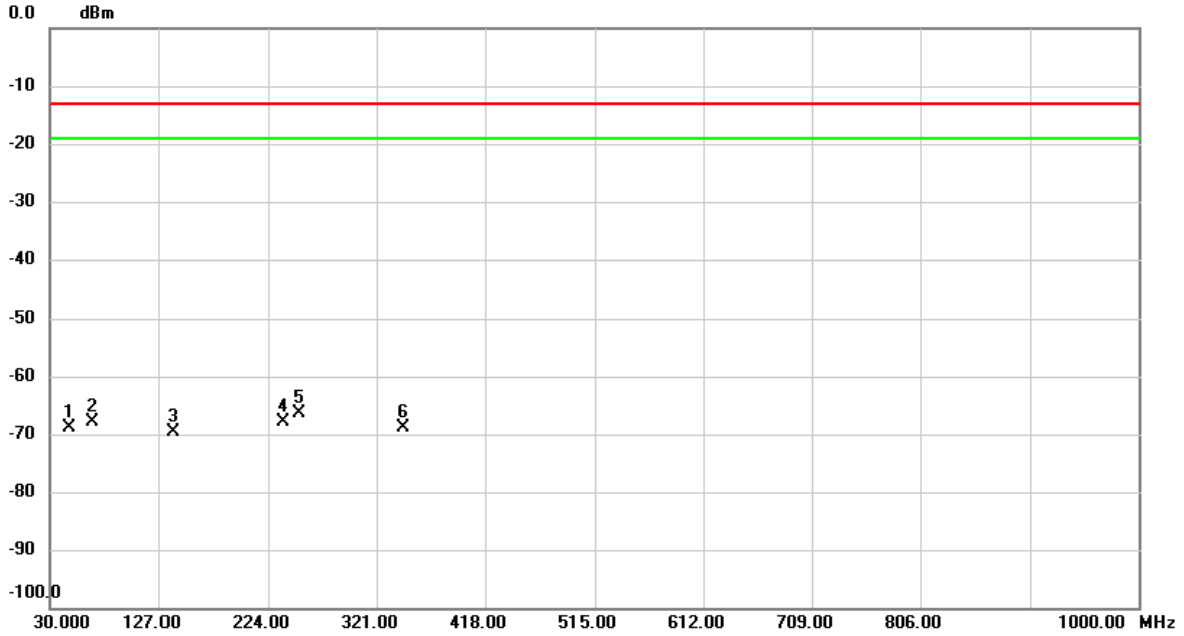
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	5722.800	-52.96	4.52	-48.44	-13.00	-35.44	peak	

Test Mode	WCDMA_Band V_Without Docking	Polarization	Horizontal
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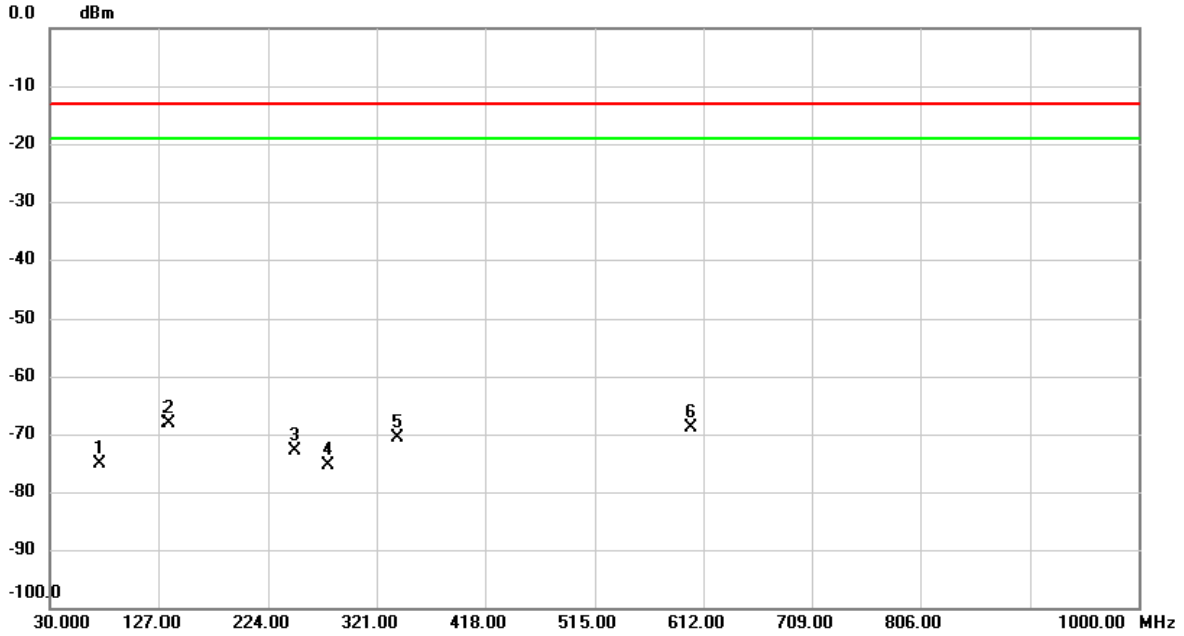
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	5722.800	-50.90	4.52	-46.38	-13.00	-33.38	peak	

Test Mode	LTE_Band 2_Channel Bandwidth 20 MHz_QPSK_1RB0_Without Docking	Polarization	Vertical
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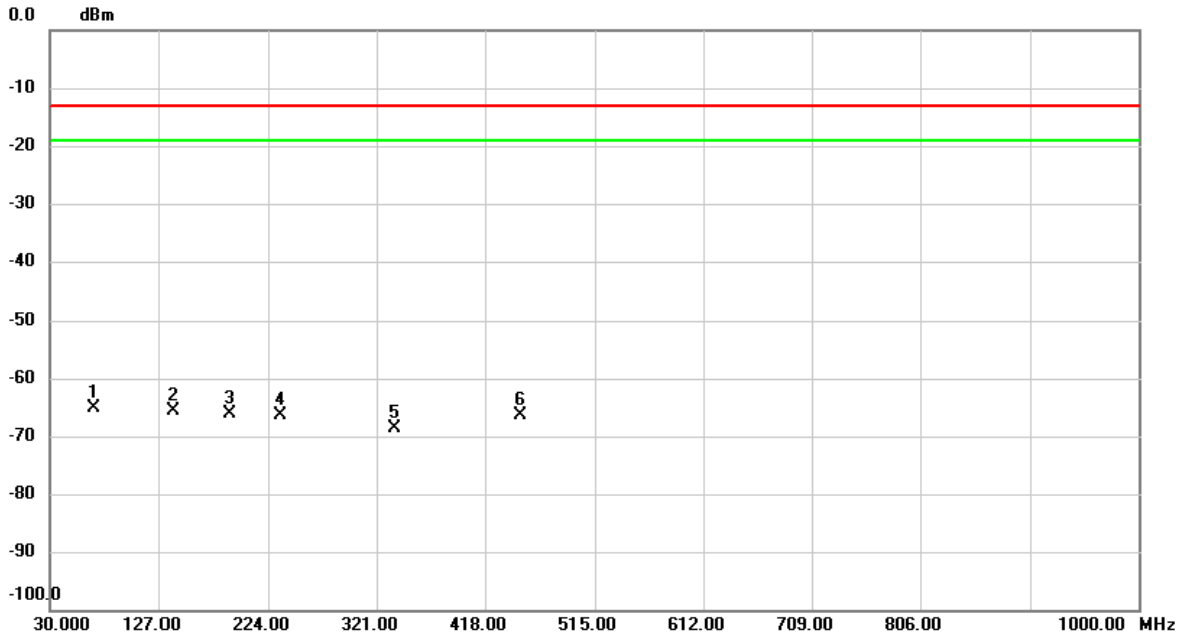
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		47.4600	-62.79	-6.03	-68.82	-13.00	-55.82	peak	
2		67.8300	-65.14	-2.80	-67.94	-13.00	-54.94	peak	
3		139.6100	-69.81	0.14	-69.67	-13.00	-56.67	peak	
4		237.5800	-64.34	-3.51	-67.85	-13.00	-54.85	peak	
5	*	252.1300	-63.68	-2.75	-66.43	-13.00	-53.43	peak	
6		345.2500	-69.69	0.71	-68.98	-13.00	-55.98	peak	

Test Mode	LTE_Band 2_Channel Bandwidth 20 MHz_QPSK_1RB0_Without Docking	Polarization	Vertical
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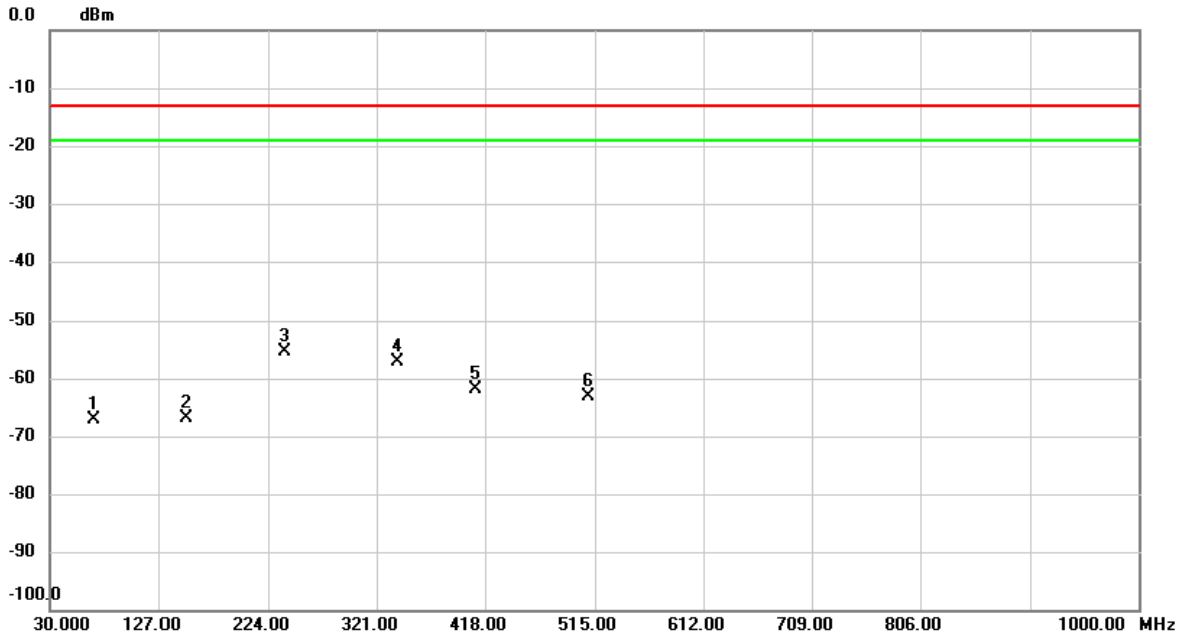
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		74.6200	-73.33	-1.90	-75.23	-13.00	-62.23	peak	
2	*	135.7300	-67.19	-0.81	-68.00	-13.00	-55.00	peak	
3		247.2800	-69.95	-2.93	-72.88	-13.00	-59.88	peak	
4		277.3500	-73.92	-1.57	-75.49	-13.00	-62.49	peak	
5		339.4300	-71.07	0.48	-70.59	-13.00	-57.59	peak	
6		600.3600	-74.90	6.04	-68.86	-13.00	-55.86	peak	

Test Mode	LTE_Band 2_Channel Bandwidth 20 MHz_QPSK_1RB0_With Desk Docking	Polarization	Horizontal
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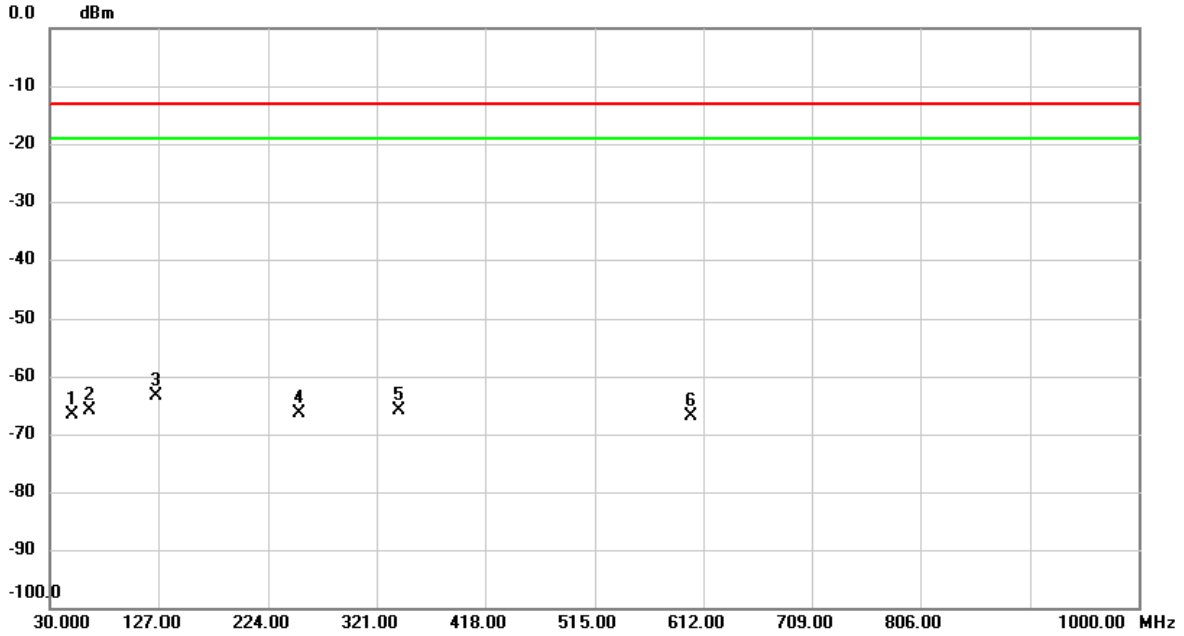
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	68.8000	-62.77	-2.36	-65.13	-13.00	-52.13	peak	
2		139.6100	-65.75	0.14	-65.61	-13.00	-52.61	peak	
3		189.0800	-63.77	-2.41	-66.18	-13.00	-53.18	peak	
4		234.6700	-62.77	-3.66	-66.43	-13.00	-53.43	peak	
5		337.4900	-69.10	0.41	-68.69	-13.00	-55.69	peak	
6		449.0400	-70.40	3.97	-66.43	-13.00	-53.43	peak	

Test Mode	LTE_Band 2_Channel Bandwidth 20 MHz_QPSK_1RB0_With Desk Docking	Polarization	Horizontal
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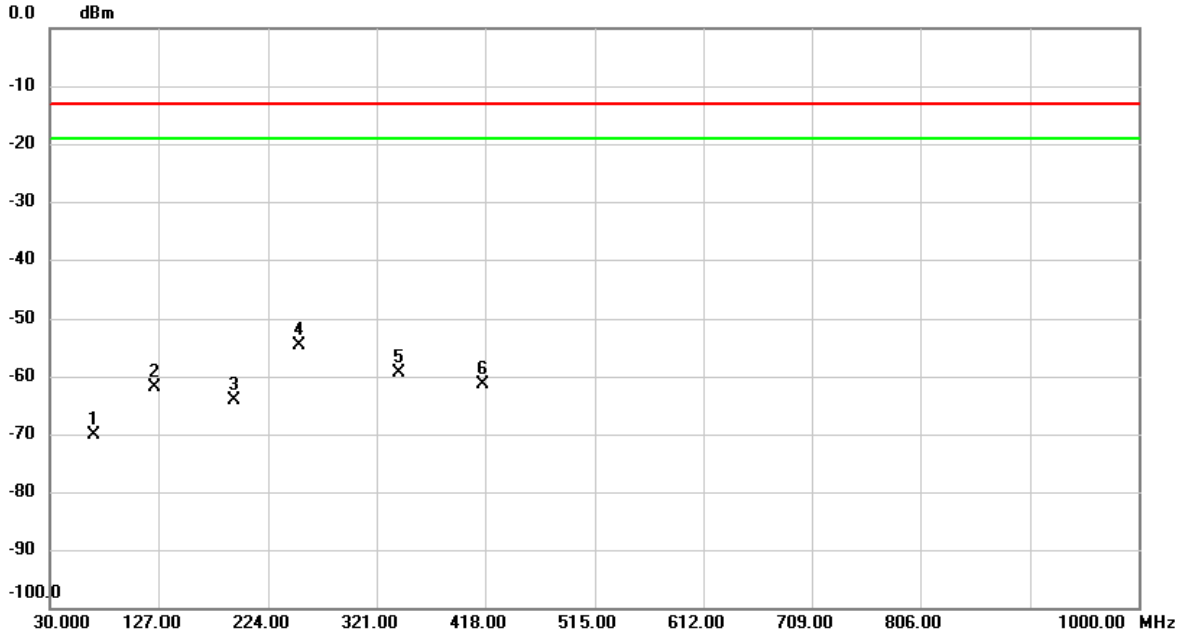
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		68.8000	-64.81	-2.36	-67.17	-13.00	-54.17	peak	
2		151.2500	-66.79	-0.11	-66.90	-13.00	-53.90	peak	
3	*	238.5500	-51.82	-3.46	-55.28	-13.00	-42.28	peak	
4		339.4300	-57.59	0.48	-57.11	-13.00	-44.11	peak	
5		409.2700	-65.23	3.47	-61.76	-13.00	-48.76	peak	
6		509.1800	-67.58	4.58	-63.00	-13.00	-50.00	peak	

Test Mode	LTE_Band 2_Channel Bandwidth 20 MHz_QPSK_1RB0_With VESA Docking	Polarization	Horizontal
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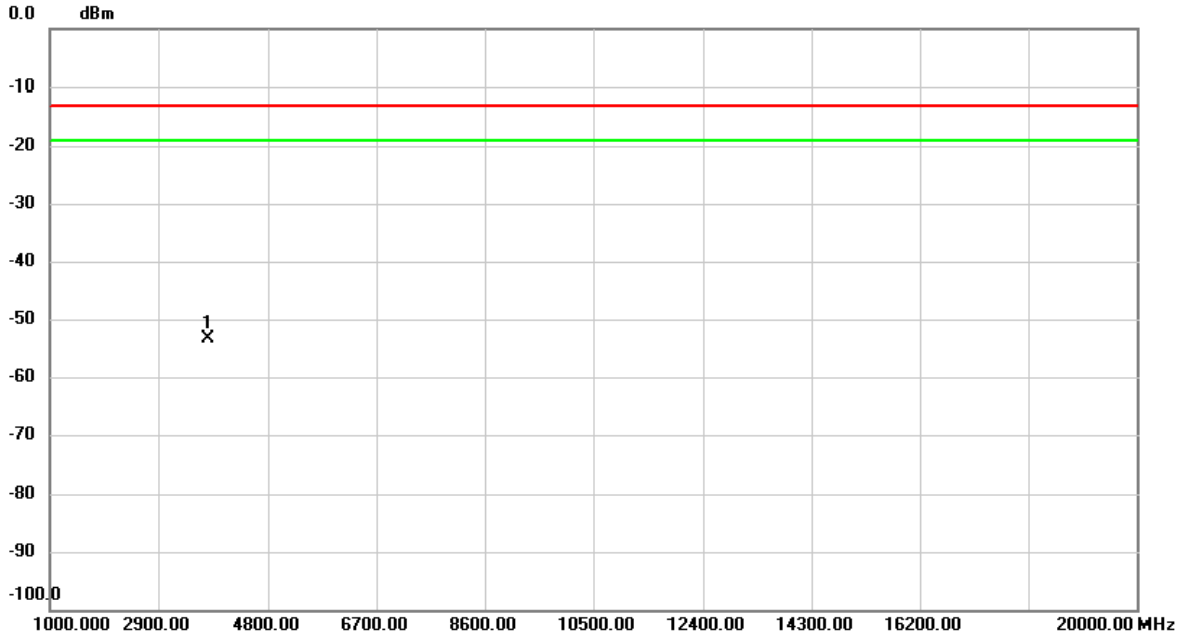
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		49.4000	-61.73	-4.80	-66.53	-13.00	-53.53	peak	
2		65.8900	-62.22	-3.68	-65.90	-13.00	-52.90	peak	
3	*	125.0600	-61.54	-1.87	-63.41	-13.00	-50.41	peak	
4		251.1600	-63.73	-2.76	-66.49	-13.00	-53.49	peak	
5		340.4000	-66.33	0.52	-65.81	-13.00	-52.81	peak	
6		600.3600	-72.98	6.04	-66.94	-13.00	-53.94	peak	

Test Mode	LTE_Band 2_Channel Bandwidth 20 MHz_QPSK_1RB0_With VESA Docking	Polarization	Horizontal
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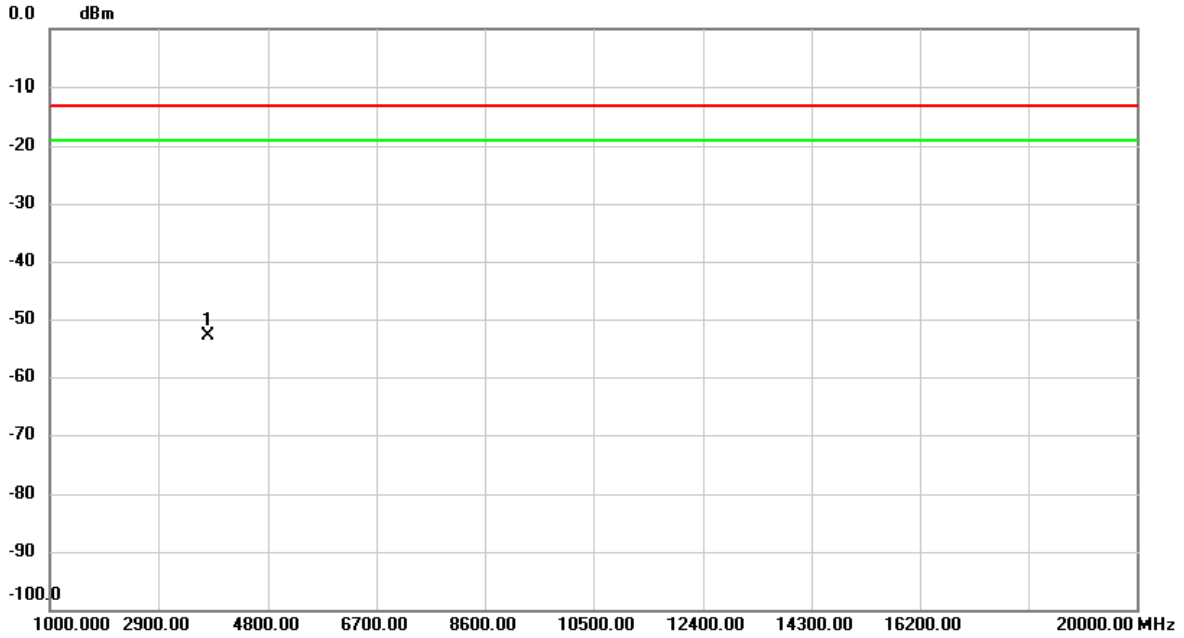
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		68.8000	-67.84	-2.36	-70.20	-13.00	-57.20	peak	
2		123.1200	-60.06	-1.74	-61.80	-13.00	-48.80	peak	
3		192.9600	-61.37	-2.86	-64.23	-13.00	-51.23	peak	
4	*	252.1300	-51.96	-2.75	-54.71	-13.00	-41.71	peak	
5		340.4000	-59.94	0.52	-59.42	-13.00	-46.42	peak	
6		416.0600	-64.99	3.55	-61.44	-13.00	-48.44	peak	

Test Mode	LTE_Band 2_Channel Bandwidth 20 MHz_QPSK_1RB0_Without Docking	Polarization	Horizontal
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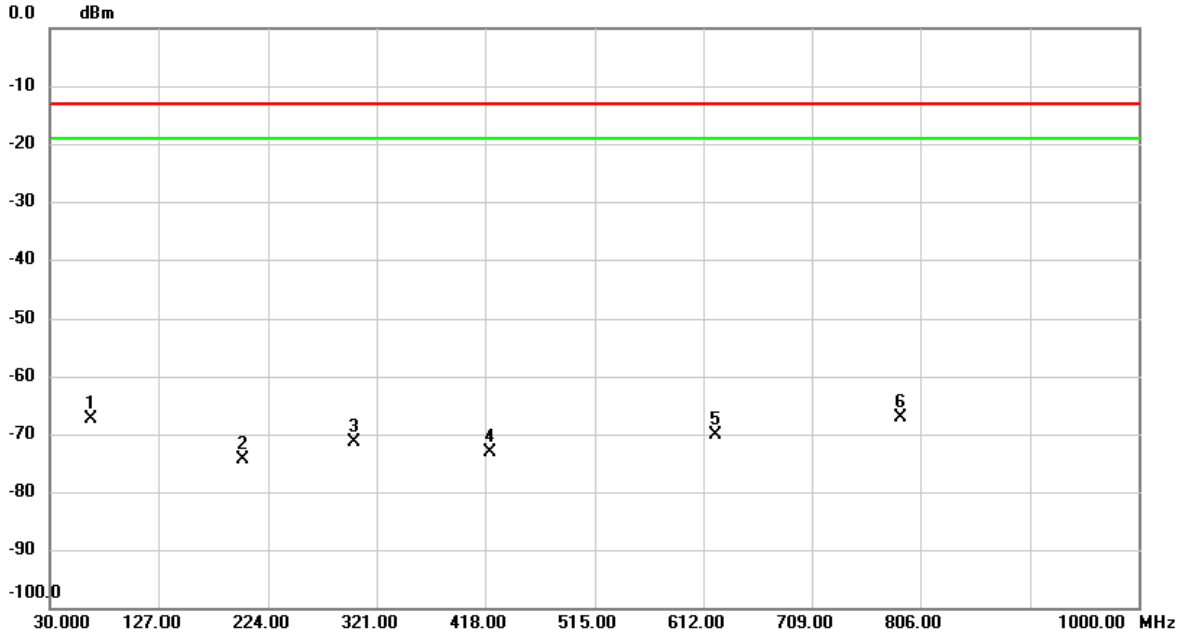
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	3760.000	-51.64	-1.69	-53.33	-13.00	-40.33	peak	

Test Mode	LTE_Band 2_Channel Bandwidth 20 MHz_QPSK_1RB0_Without Docking	Polarization	Horizontal
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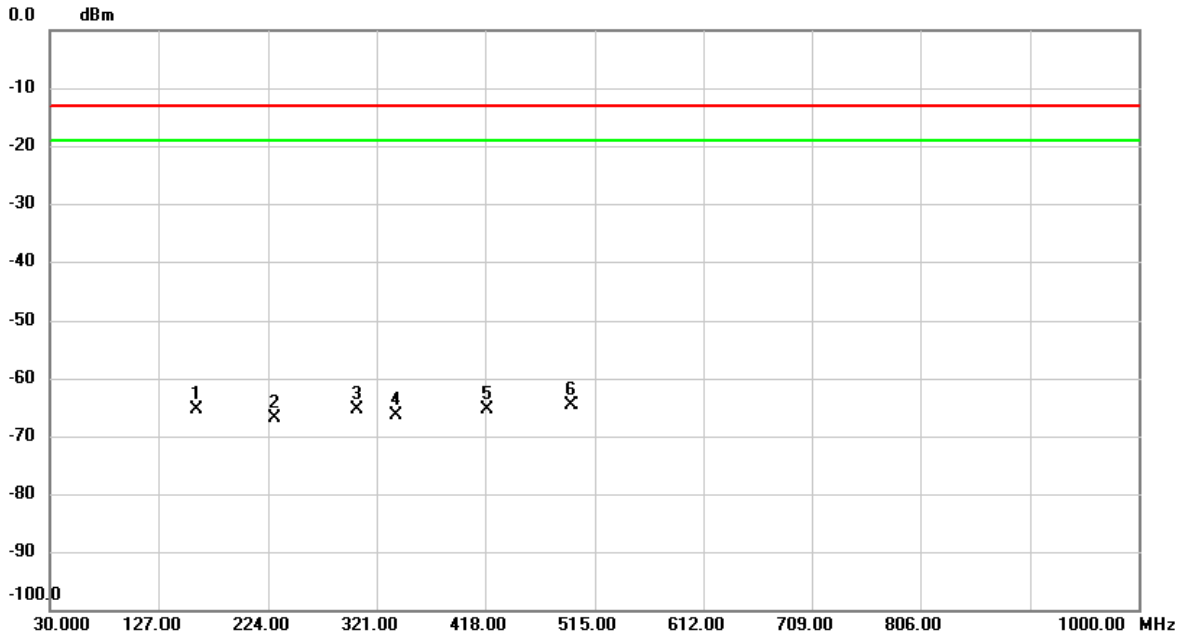
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Over dB	Detector	Comment
1	*	3760.000	-51.25	-1.69	-52.94	-13.00	-39.94	peak	

Test Mode	LTE_Band 25_Channel Bandwidth 20 MHz_QPSK_1RB0_Without Docking	Polarization	Vertical
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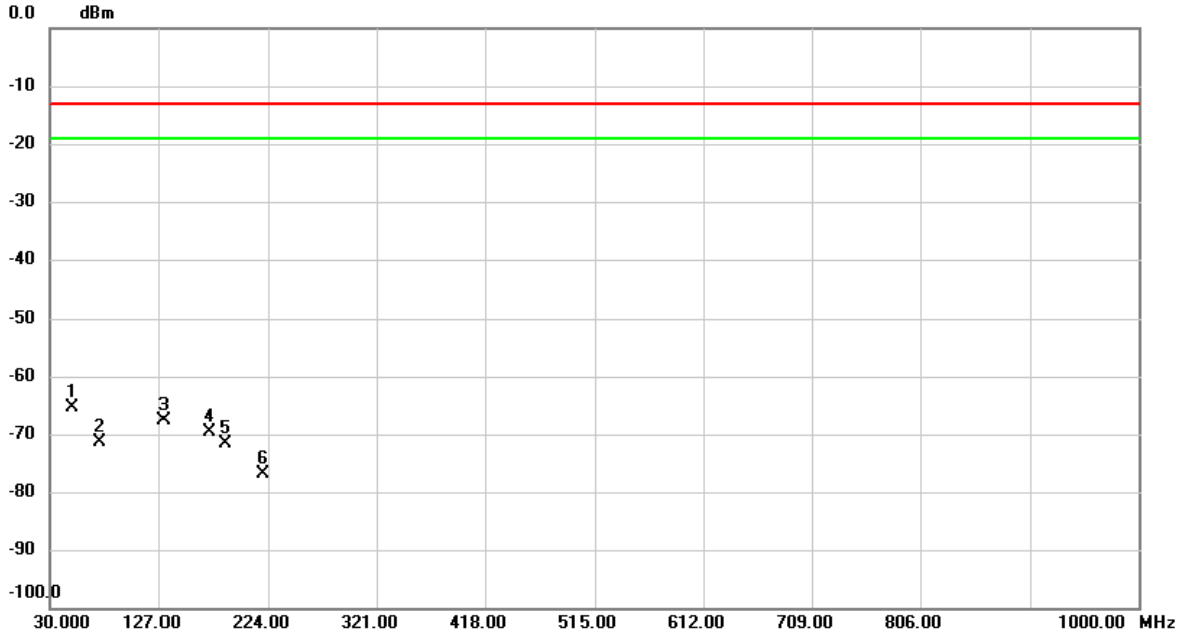
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		66.8600	-64.22	-3.24	-67.46	-13.00	-54.46	peak	
2		200.7200	-70.00	-4.27	-74.27	-13.00	-61.27	peak	
3		300.6300	-70.30	-1.05	-71.35	-13.00	-58.35	peak	
4		421.8800	-76.72	3.63	-73.09	-13.00	-60.09	peak	
5		622.6700	-76.59	6.37	-70.22	-13.00	-57.22	peak	
6	*	788.5400	-76.85	9.71	-67.14	-13.00	-54.14	peak	

Test Mode	LTE_Band 25_Channel Bandwidth 20 MHz_QPSK_1RB0_Without Docking	Polarization	Vertical
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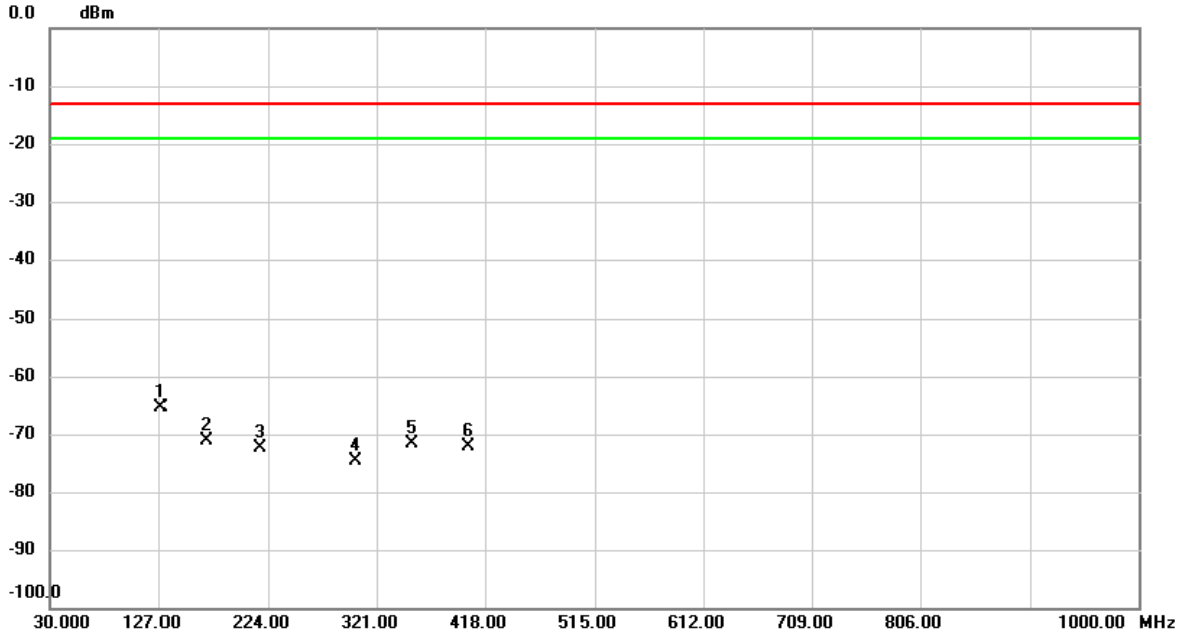
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		159.9800	-64.66	-0.76	-65.42	-13.00	-52.42	peak	
2		229.8200	-62.85	-3.92	-66.77	-13.00	-53.77	peak	
3		303.5400	-64.42	-0.93	-65.35	-13.00	-52.35	peak	
4		338.4600	-66.78	0.45	-66.33	-13.00	-53.33	peak	
5		419.9400	-68.89	3.60	-65.29	-13.00	-52.29	peak	
6	*	494.6300	-69.05	4.47	-64.58	-13.00	-51.58	peak	

Test Mode	LTE_Band 25_Channel Bandwidth 20 MHz_QPSK_1RB0_With Desk Docking	Polarization	Horizontal
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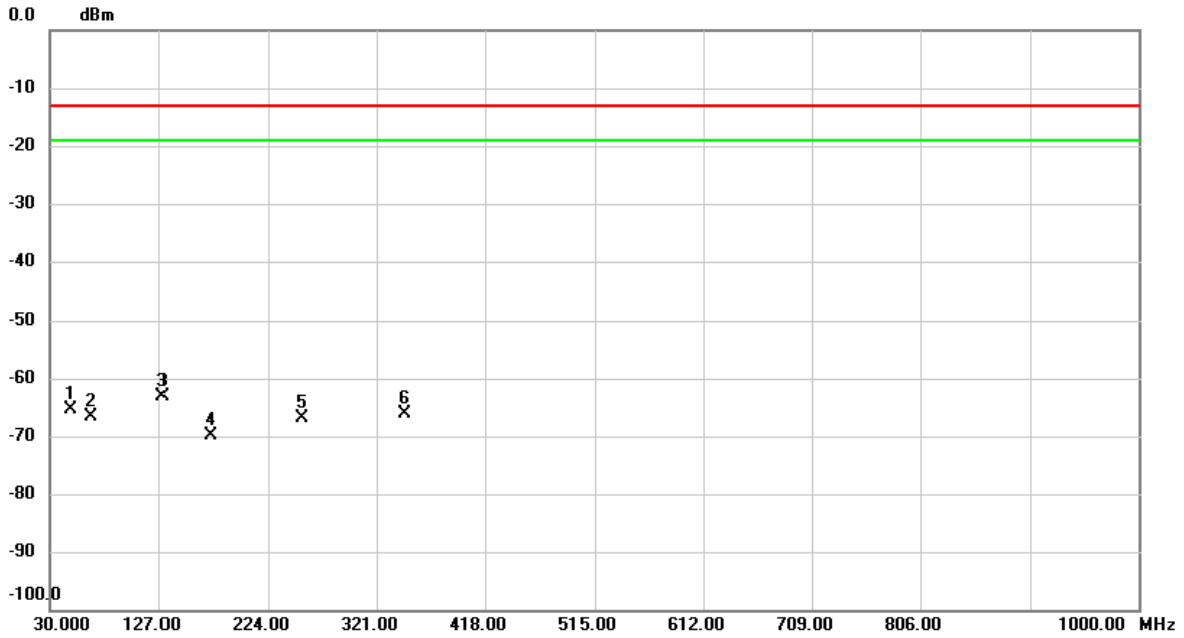
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	49.4000	-60.56	-4.80	-65.36	-13.00	-52.36	peak	
2		74.6200	-69.42	-1.90	-71.32	-13.00	-58.32	peak	
3		130.8800	-65.62	-2.00	-67.62	-13.00	-54.62	peak	
4		171.6200	-67.91	-1.66	-69.57	-13.00	-56.57	peak	
5		185.2000	-68.82	-2.86	-71.68	-13.00	-58.68	peak	
6		219.1500	-72.19	-4.69	-76.88	-13.00	-63.88	peak	

Test Mode	LTE_Band 25_Channel Bandwidth 20 MHz_QPSK_1RB0_With Desk Docking	Polarization	Horizontal
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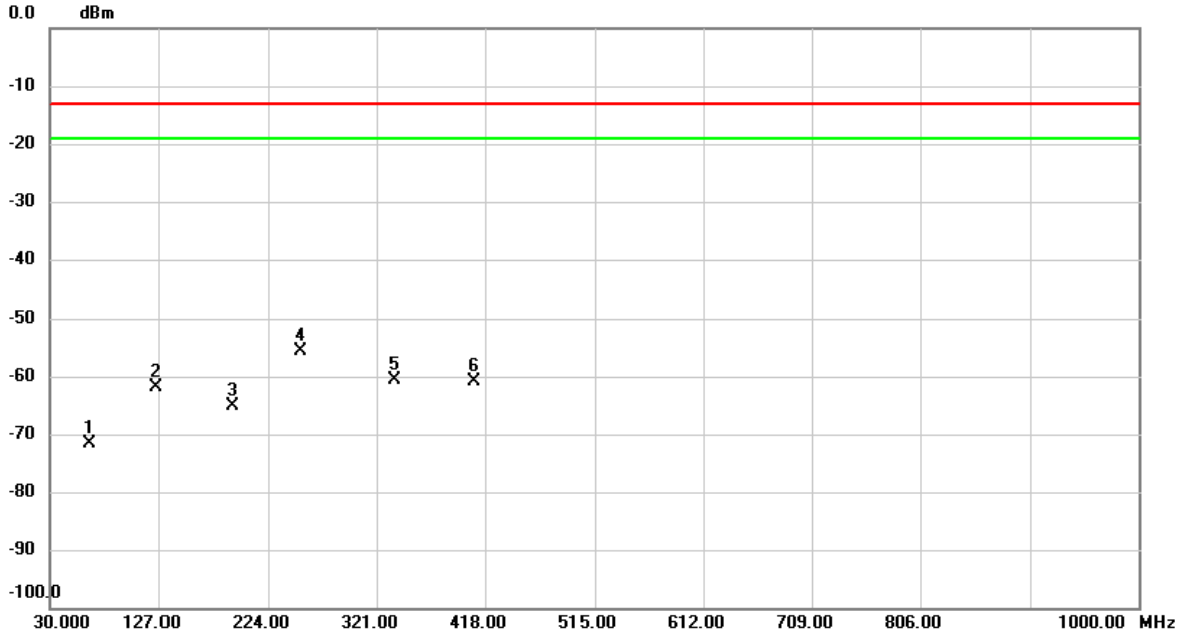
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	128.9400	-63.33	-2.15	-65.48	-13.00	-52.48	peak	
2		168.7100	-69.81	-1.24	-71.05	-13.00	-58.05	peak	
3		216.2400	-67.39	-4.91	-72.30	-13.00	-59.30	peak	
4		301.6000	-73.72	-1.01	-74.73	-13.00	-61.73	peak	
5		353.0100	-72.79	1.05	-71.74	-13.00	-58.74	peak	
6		402.4800	-75.52	3.38	-72.14	-13.00	-59.14	peak	

Test Mode	LTE_Band 25_Channel Bandwidth 20 MHz_QPSK_1RB0_With VESA Docking	Polarization	Horizontal
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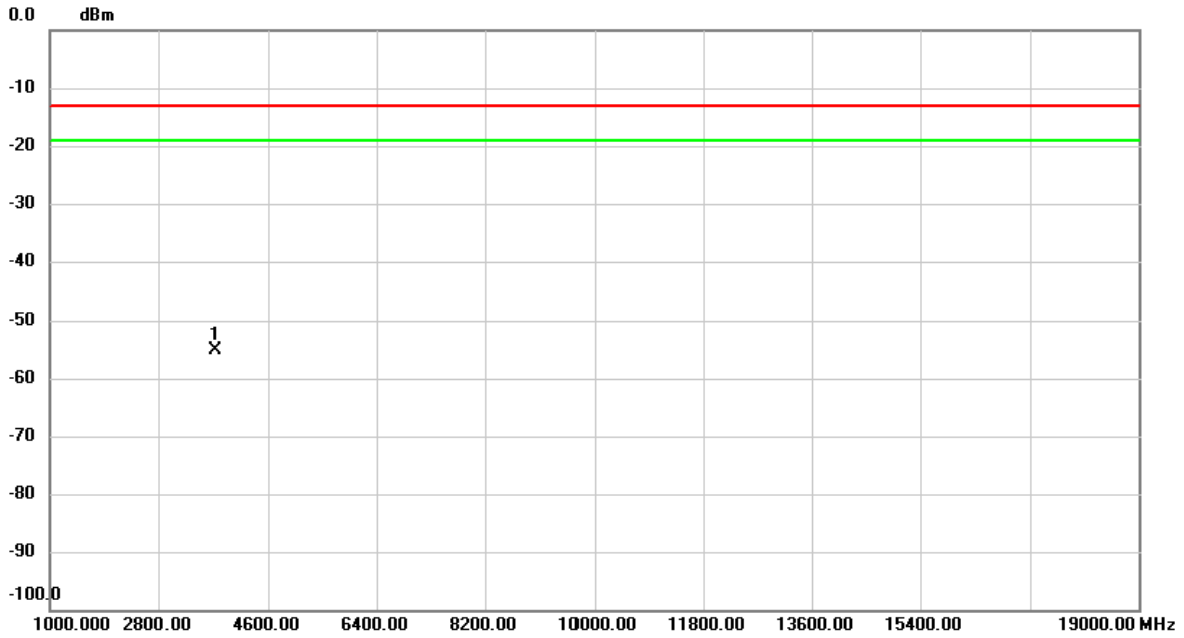
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		48.4300	-59.87	-5.41	-65.28	-13.00	-52.28	peak	
2		66.8600	-63.37	-3.24	-66.61	-13.00	-53.61	peak	
3	*	129.9100	-60.90	-2.21	-63.11	-13.00	-50.11	peak	
4		172.5900	-68.04	-1.87	-69.91	-13.00	-56.91	peak	
5		254.0700	-64.11	-2.74	-66.85	-13.00	-53.85	peak	
6		346.2200	-66.83	0.75	-66.08	-13.00	-53.08	peak	

Test Mode	LTE_Band 25_Channel Bandwidth 20 MHz_QPSK_1RB0_With VESA Docking	Polarization	Horizontal
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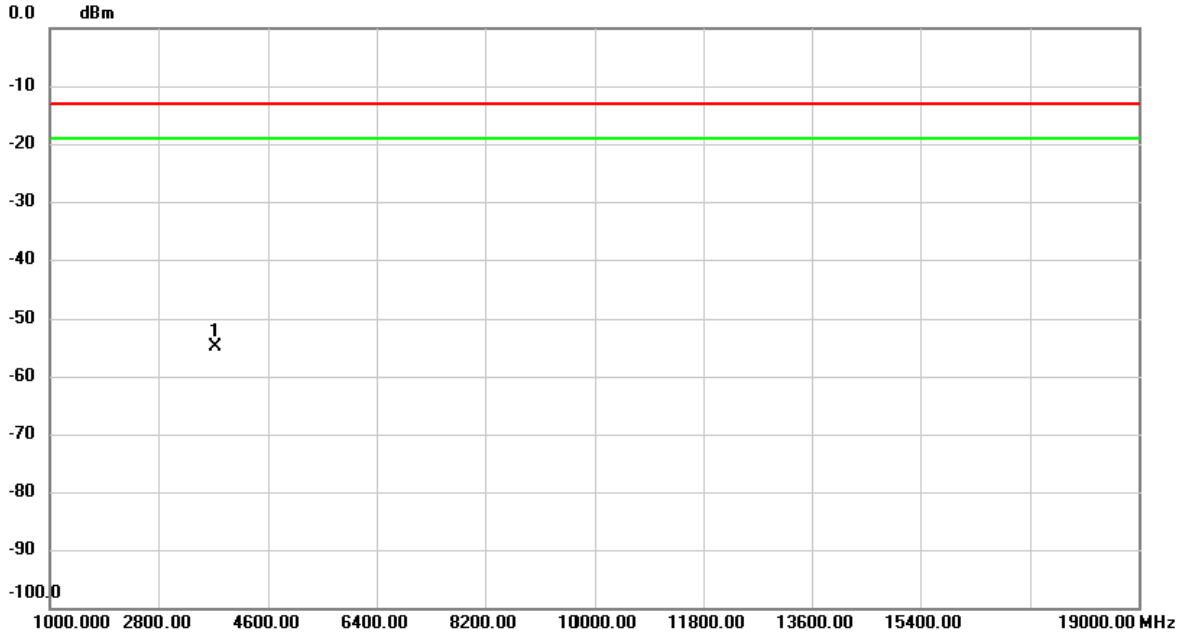
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		65.8900	-68.04	-3.68	-71.72	-13.00	-58.72	peak	
2		125.0600	-60.09	-1.87	-61.96	-13.00	-48.96	peak	
3		191.9900	-62.37	-2.67	-65.04	-13.00	-52.04	peak	
4	*	253.1000	-52.94	-2.75	-55.69	-13.00	-42.69	peak	
5		336.5200	-61.02	0.37	-60.65	-13.00	-47.65	peak	
6		408.3000	-64.25	3.45	-60.80	-13.00	-47.80	peak	

Test Mode	LTE_Band 25_Channel Bandwidth 20 MHz_QPSK_1RB0_Without Docking	Polarization	Horizontal
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	3720.000	-53.01	-2.00	-55.01	-13.00	-42.01	peak	

Test Mode	LTE_Band 25_Channel Bandwidth 20 MHz_QPSK_1RB0_Without Docking	Polarization	Horizontal
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	3720.000	-52.75	-2.00	-54.75	-13.00	-41.75	peak	

APPENDIX G FREQUENCY STABILITY

CONTINUE ON NEXT PAGE

Band		WCDMA Band II	
Temperature vs. Frequency Stability			
Temperature (°C)	Frequency Error (ppm)		Limit (ppm)
-20	0.0025		2.5
-10	0.0027		2.5
0	0.0021		2.5
10	-0.0026		2.5
20	0.0037		2.5
30	-0.0024		2.5
40	0.0018		2.5
50	0.0038		2.5
60	-0.0042		2.5
Maximum Deviation (ppm)	0.0038		2.5

Band		WCDMA Band II	
Voltage vs. Frequency Stability			
Voltage (V)	Frequency Error (ppm)		Limit (ppm)
100	0.0021		2.5
120	0.0033		2.5
240	0.0031		2.5
Maximum Deviation (ppm)	0.0033		2.5

Band			LTE Band 2				
Temperature vs. Frequency Stability							
Channel Bandwidth (MHz)	Frequency Error (ppm)						Limit (ppm)
Temperature (°C)	1.4	3	5	10	15	20	
-20	0.0033	-0.0011	0.0015	0.0027	0.0033	0.0052	2.5
-10	0.0033	-0.0029	0.0019	0.0037	0.0012	0.0022	2.5
0	0.0035	0.0012	-0.0013	-0.0025	-0.0016	0.0031	2.5
10	-0.0021	0.0026	0.0033	-0.0027	-0.0037	0.0034	2.5
20	0.0042	0.0031	0.0028	0.0039	0.0013	0.0011	2.5
30	0.0028	-0.0046	-0.0029	-0.0021	0.0029	-0.0025	2.5
40	-0.0028	-0.0026	0.0037	0.0032	-0.0032	-0.0027	2.5
50	0.0032	0.0031	0.0039	0.0016	0.0024	0.0031	2.5
60	0.0038	0.0017	-0.0012	-0.0022	0.0037	0.0016	2.5
Maximum Deviation (ppm)	0.0052						2.5

Band			LTE Band 2				
Voltage vs. Frequency Stability							
Channel Bandwidth (MHz)	Frequency Error (ppm)						Limit (ppm)
Voltage (V)	1.4	3	5	10	15	20	
100	0.0022	-0.0023	-0.0023	0.0022	-0.0019	0.0027	2.5
120	0.0013	0.0011	-0.0019	0.0021	-0.0024	-0.0015	2.5
240	-0.0043	0.0031	-0.00032	-0.0018	-0.0012	0.0028	2.5
Maximum Deviation (ppm)	0.0031						2.5