

Spectrum Plot



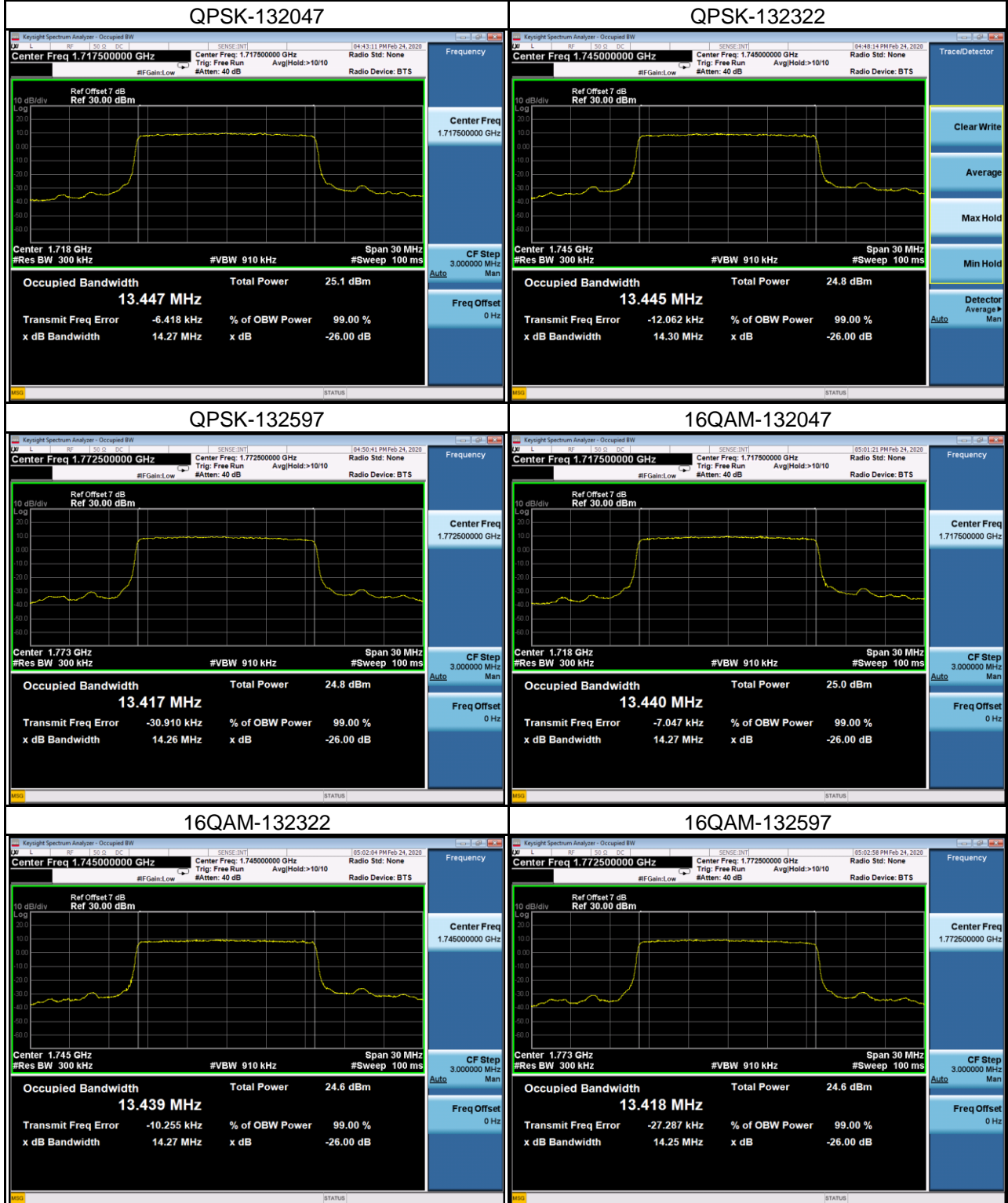
LTE Band 66_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132022	1715.0	8.9802	132022	1715.0	8.9789
132322	1745.0	8.9655	132322	1745.0	8.9652
132622	1775.0	8.9859	132622	1775.0	8.9789
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132022	1715.0	9.6220	132022	1715.0	9.5970
132322	1745.0	9.6270	132322	1745.0	9.6030
132622	1775.0	9.6080	132622	1775.0	9.6280

Spectrum Plot



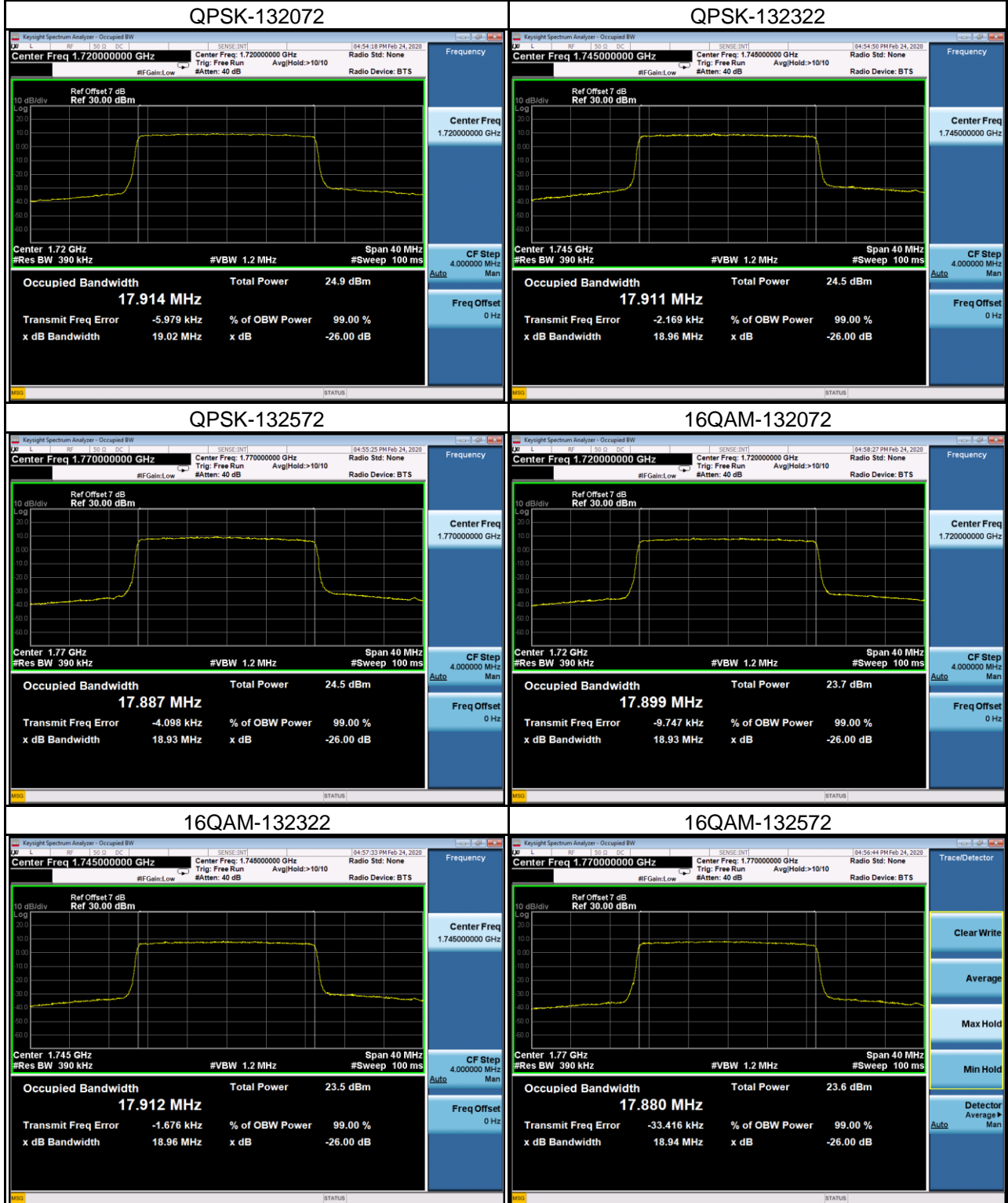
LTE Band 66_15M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132047	1717.5	13.4470	132047	1717.5	13.4400
132322	1745.0	13.4450	132322	1745.0	13.4390
132597	1772.5	13.4170	132597	1772.5	13.4180
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132047	1717.5	14.2700	132047	1717.5	14.2700
132322	1745.0	14.3000	132322	1745.0	14.2700
132597	1772.5	14.2600	132597	1772.5	14.2500

Spectrum Plot

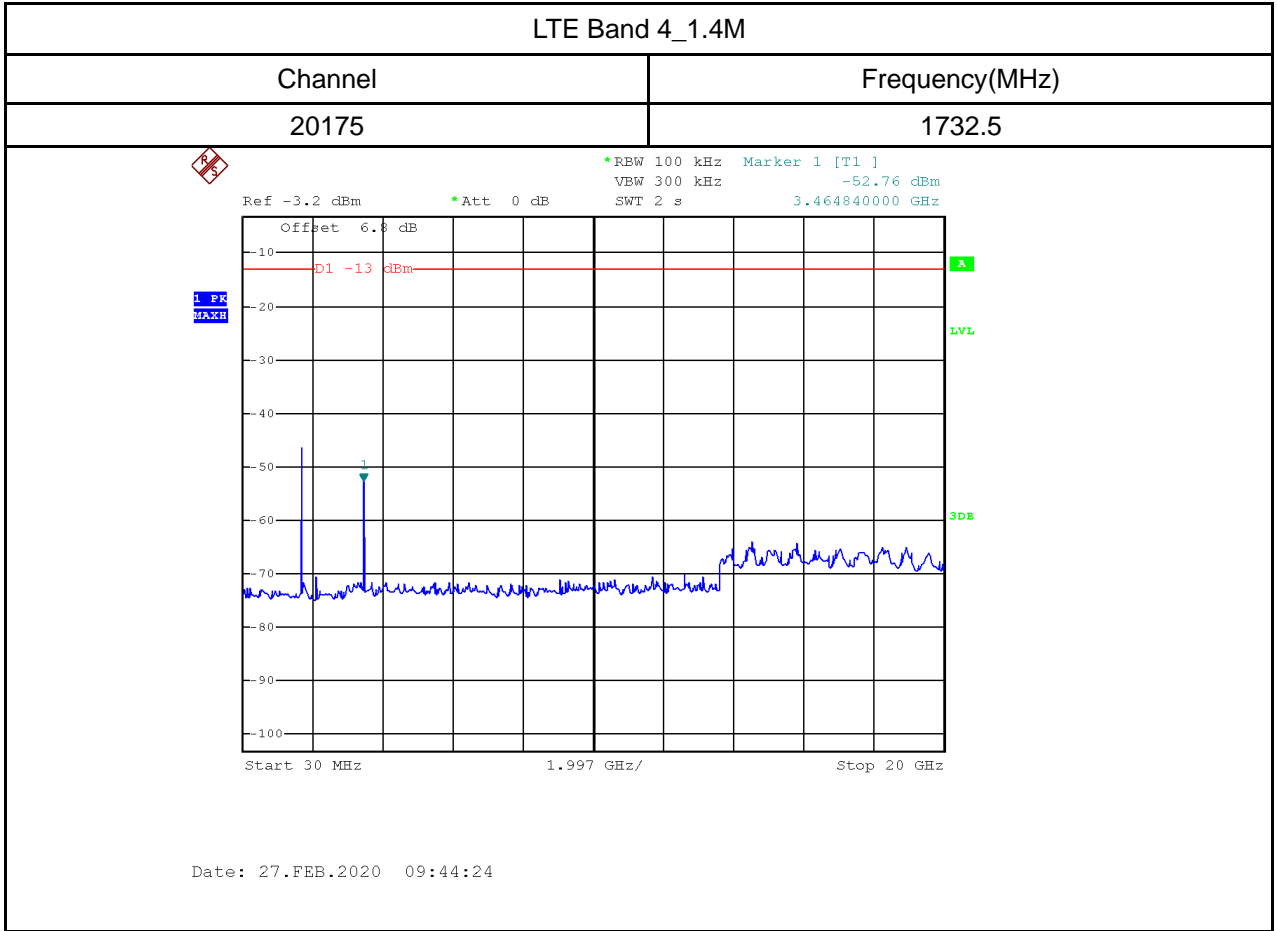


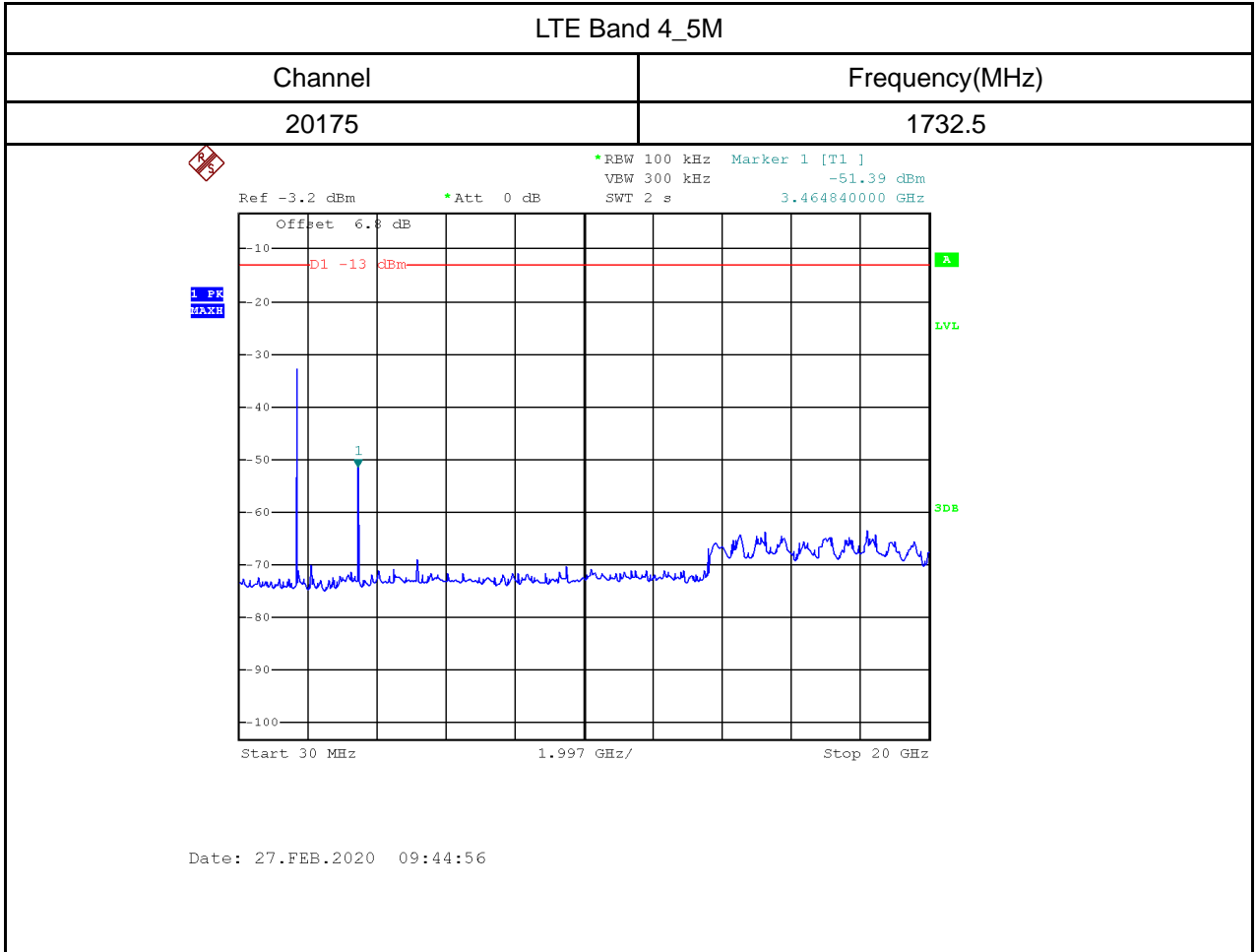
LTE Band 66_20M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132072	1720.0	17.9140	132072	1720.0	17.8990
132322	1745.0	17.9110	132322	1745.0	17.9120
132572	1770.0	17.8870	132572	1770.0	17.8800
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132072	1720.0	19.0200	132072	1720.0	18.9300
132322	1745.0	18.9600	132322	1745.0	18.9600
132572	1770.0	18.9300	132572	1770.0	18.9400

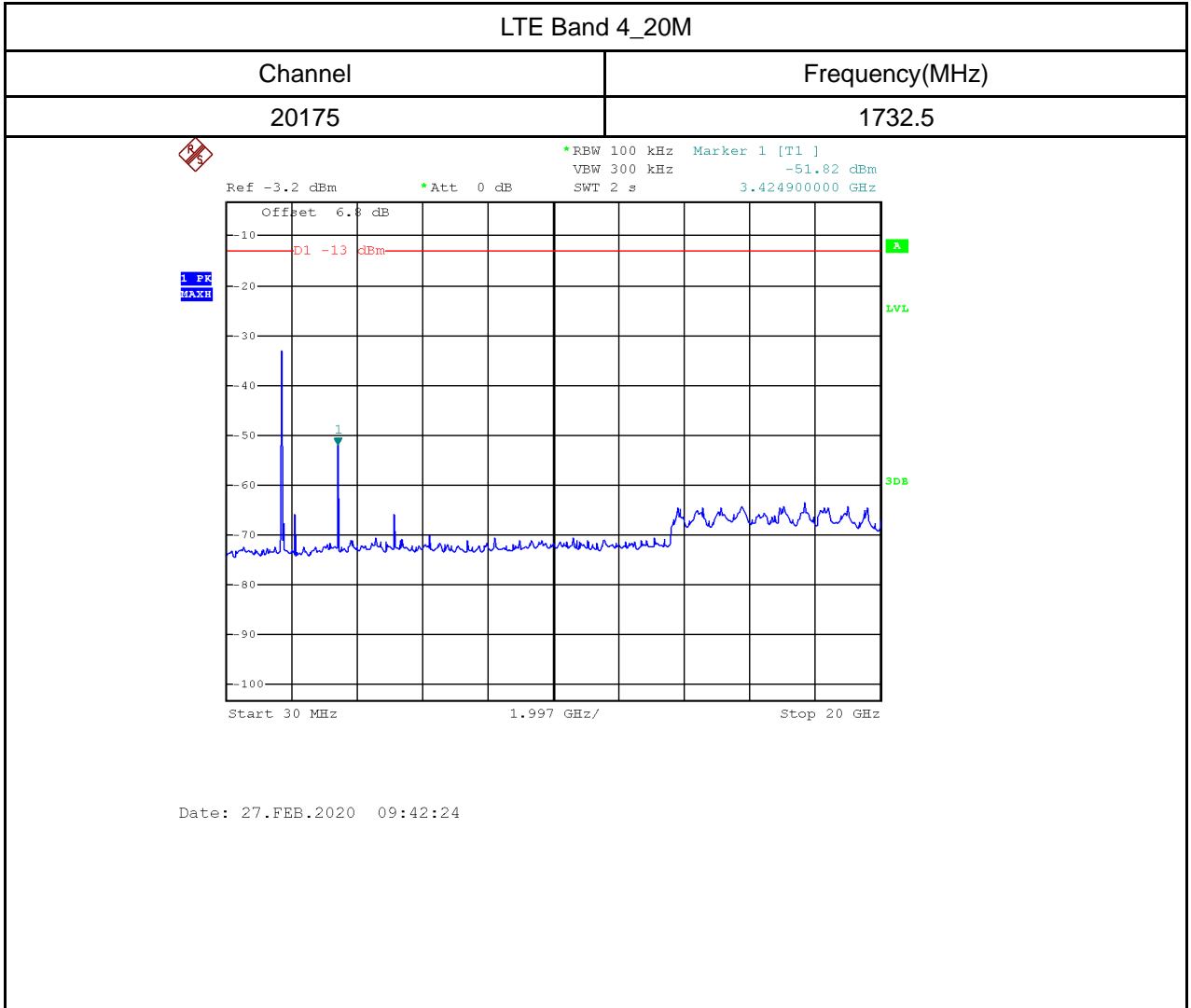
Spectrum Plot

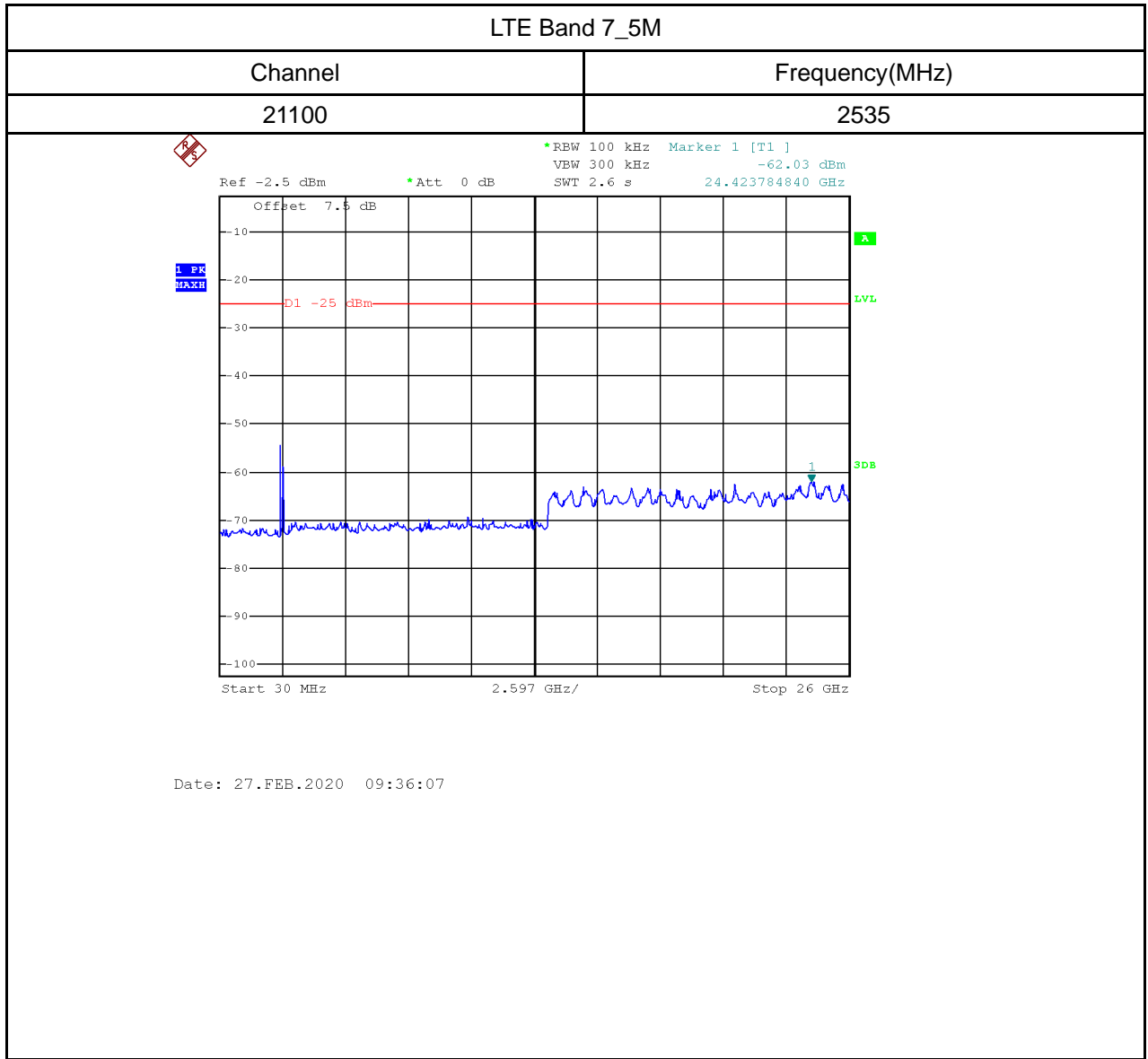


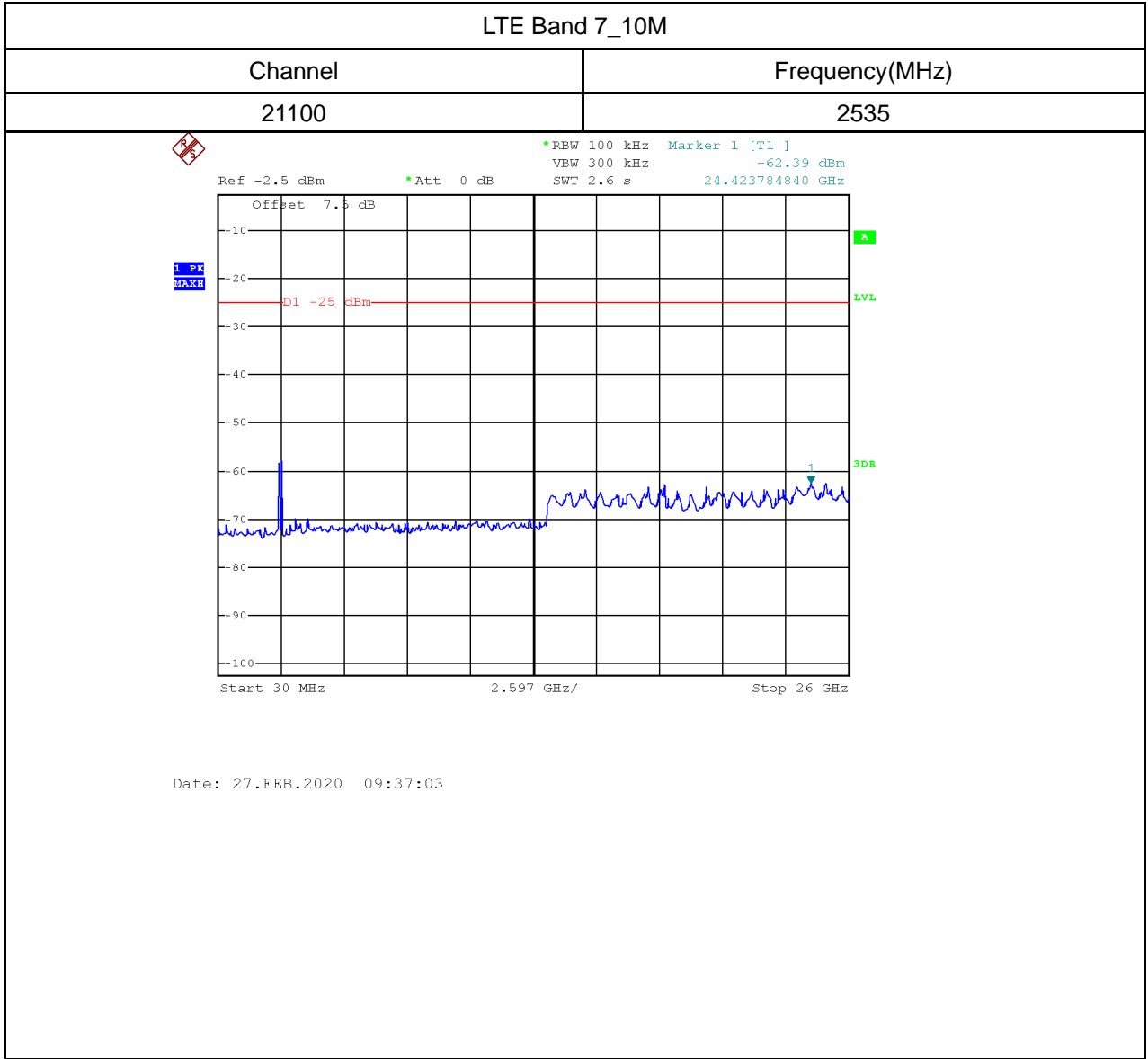
APPENDIX C - CONDUCTED EMISSIONS

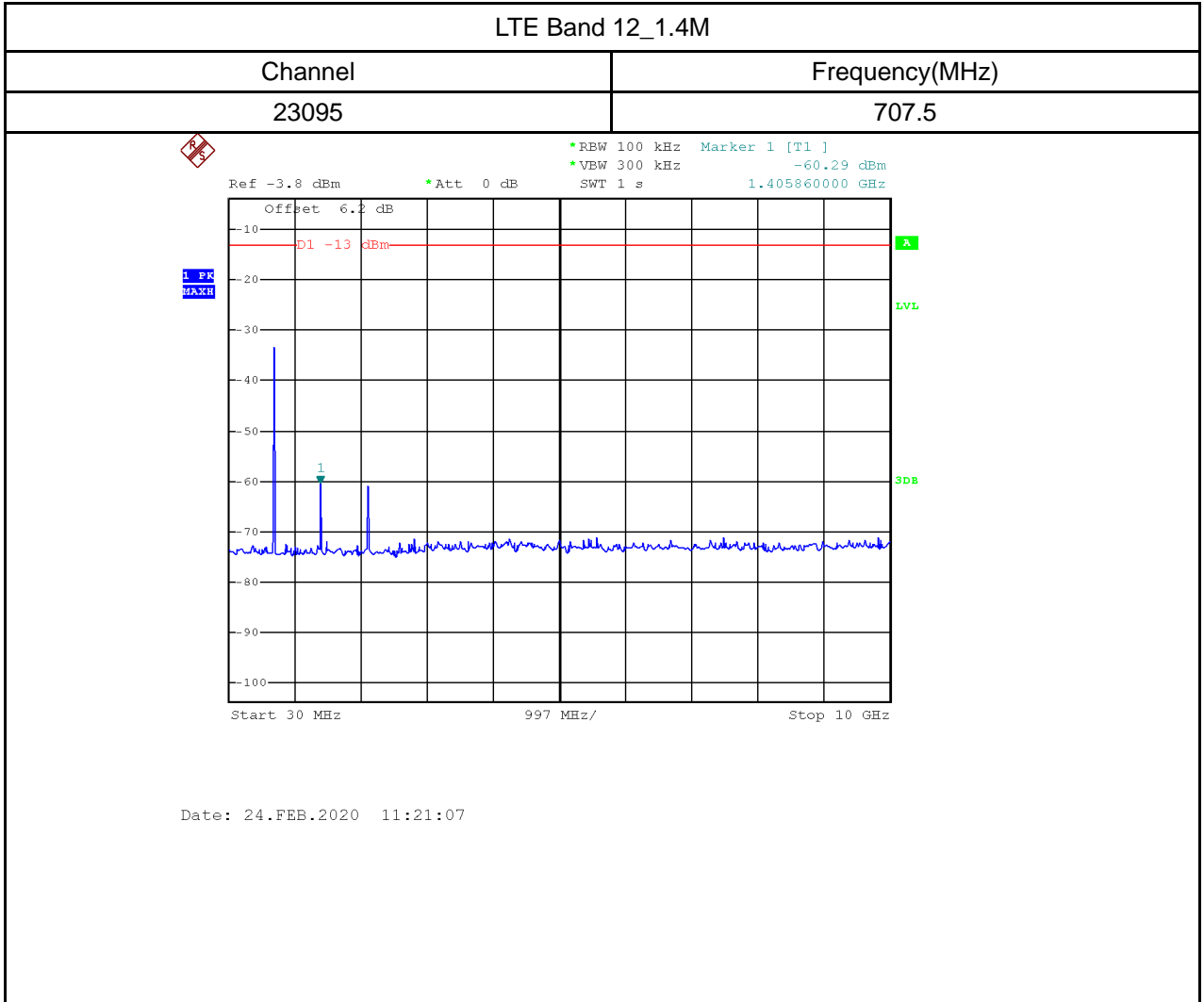


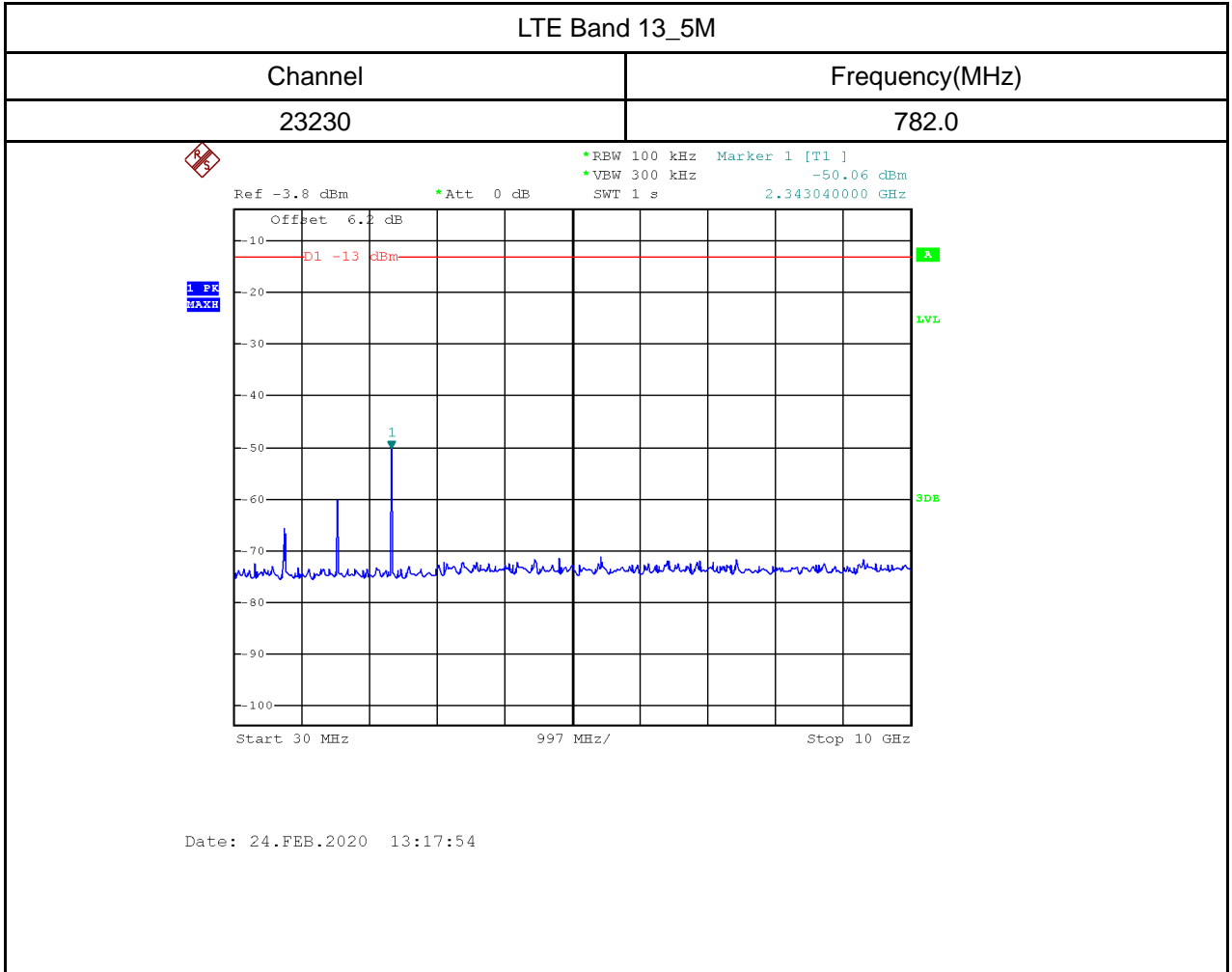


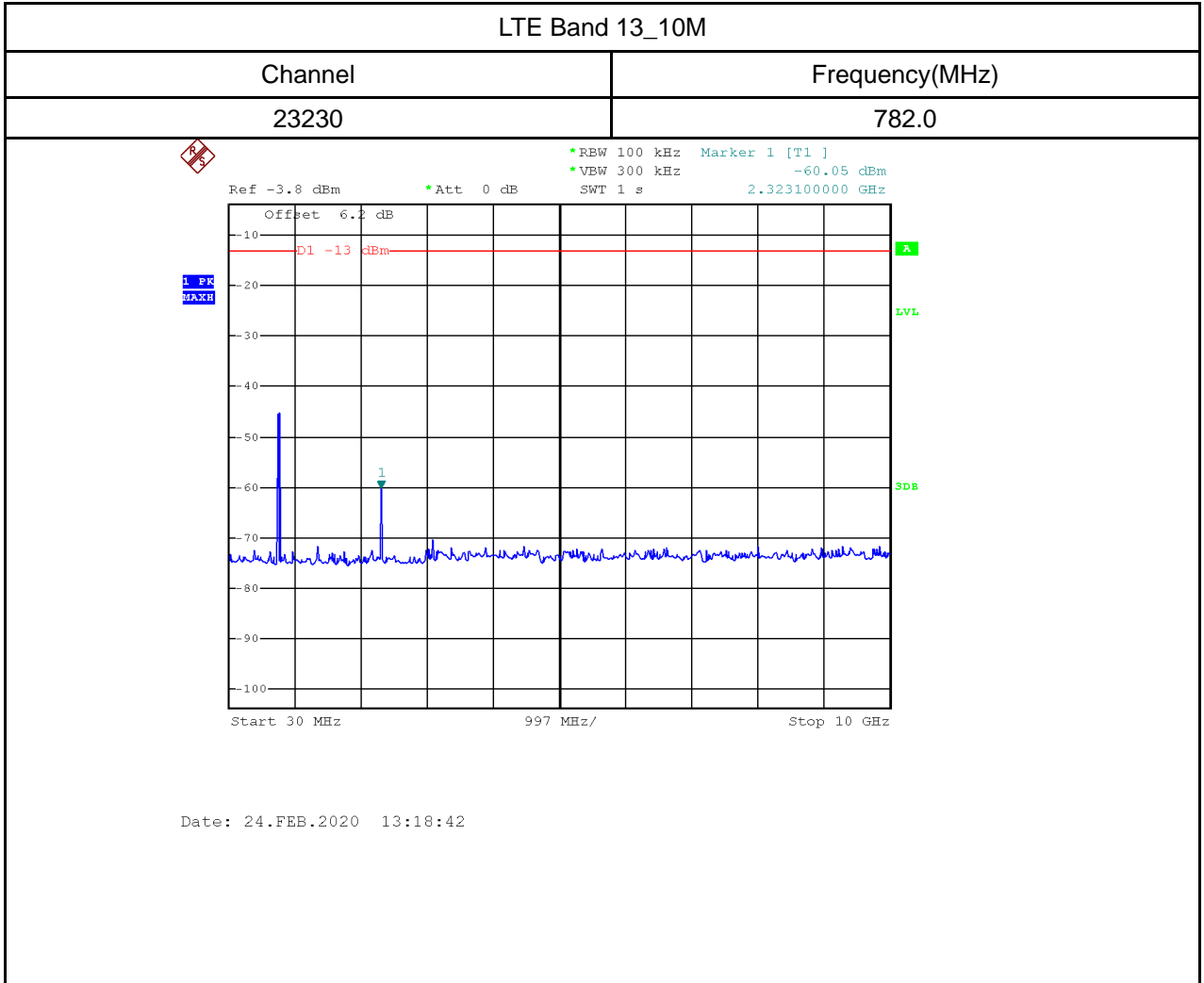


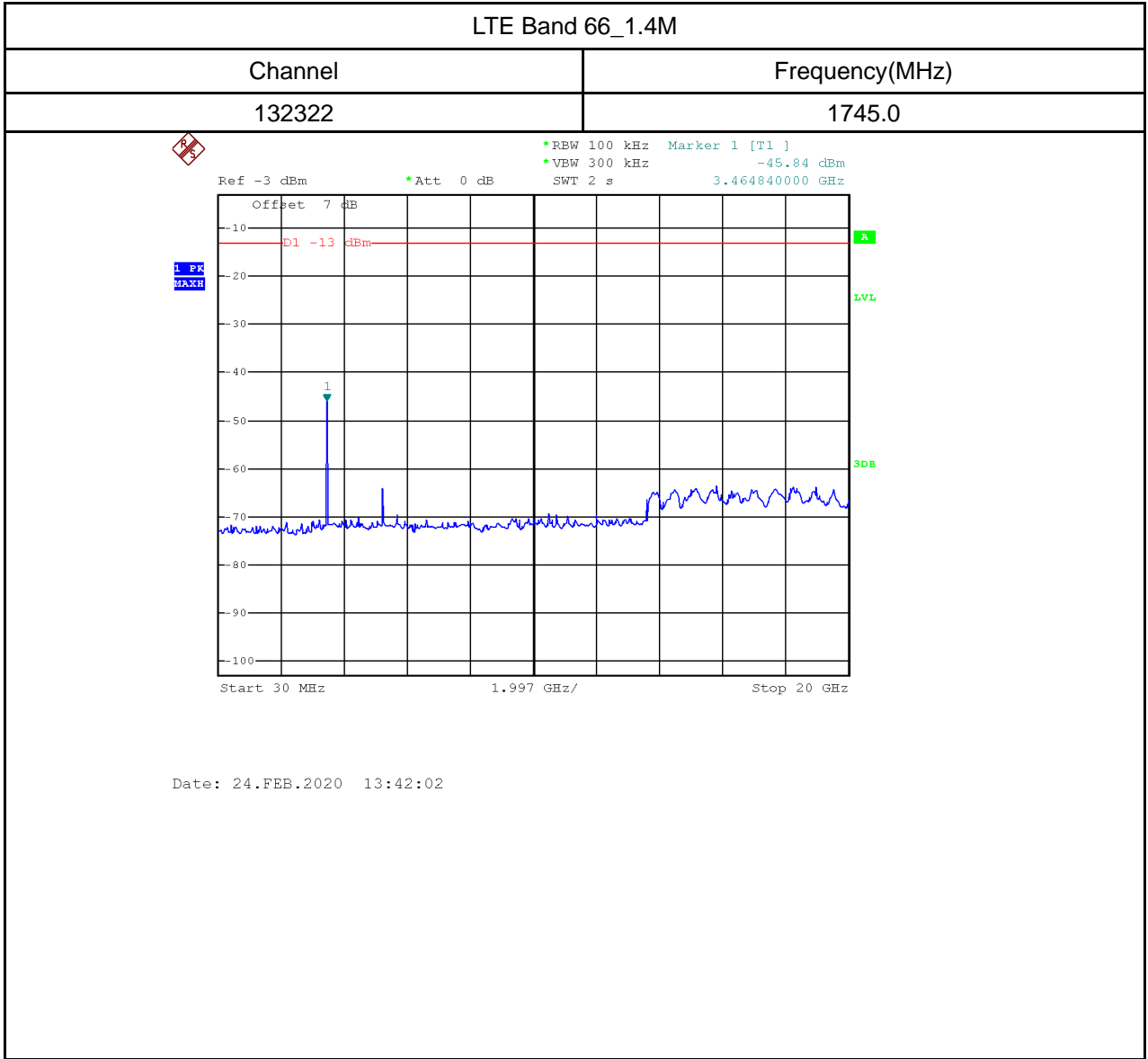


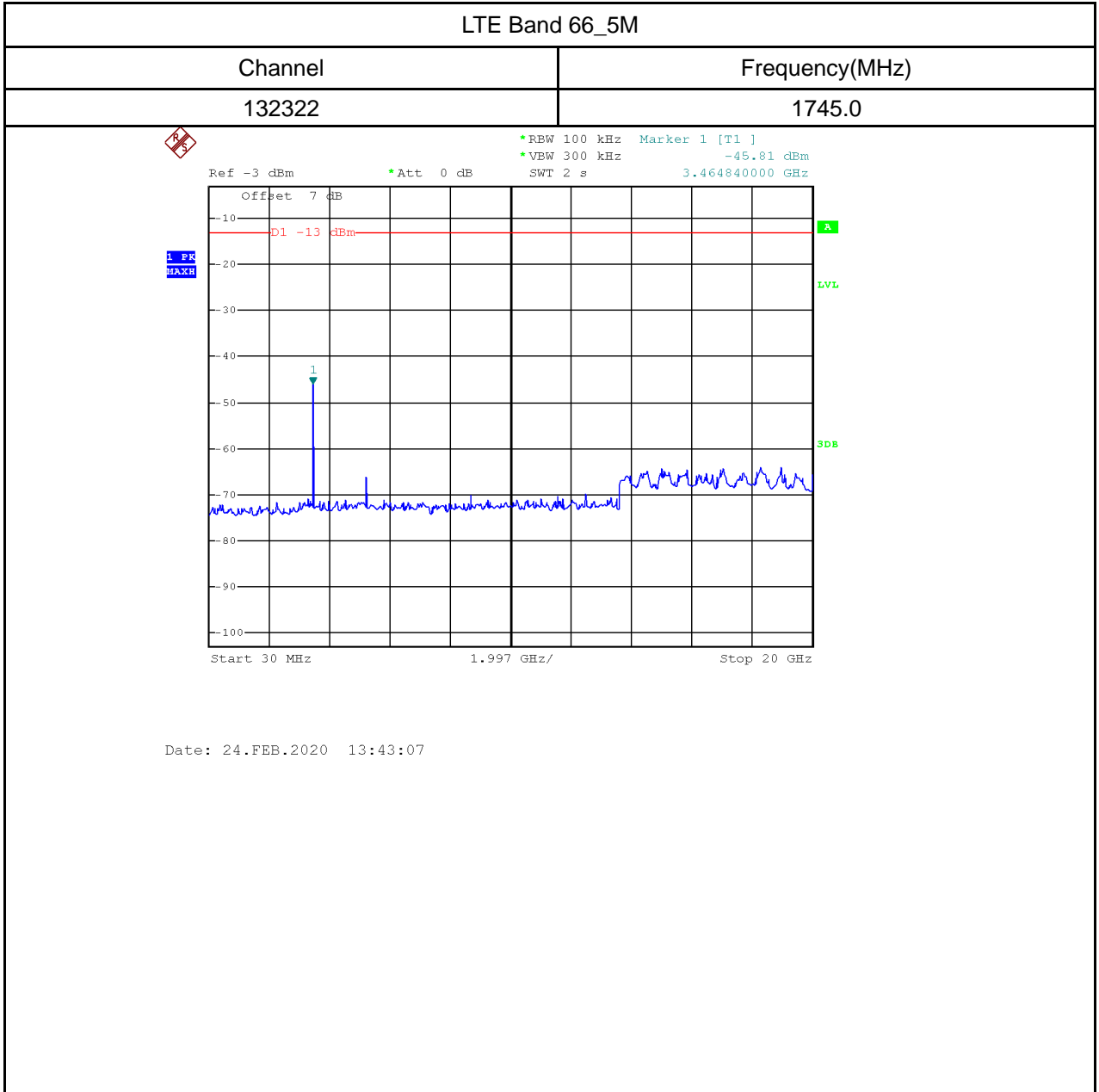


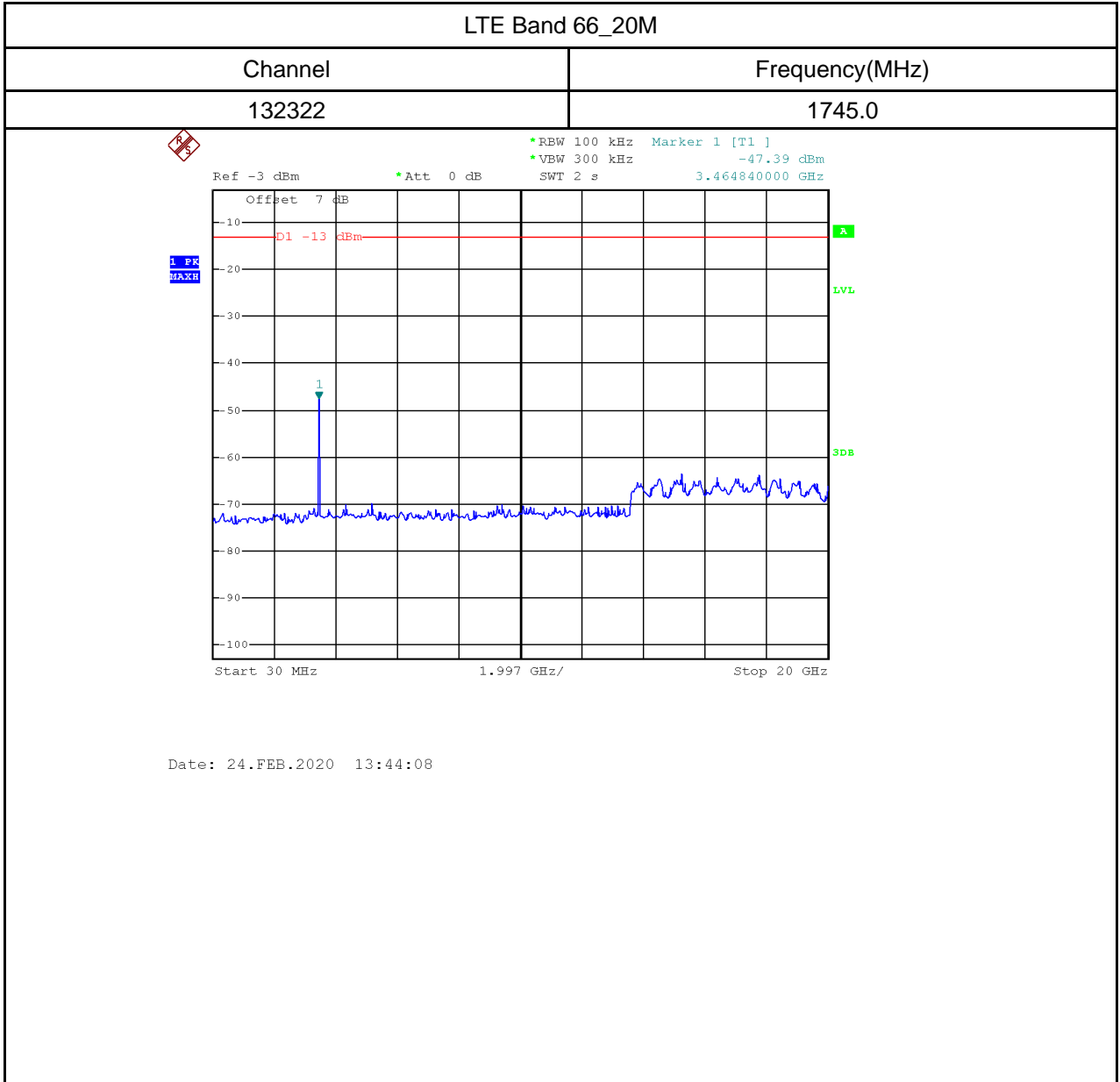






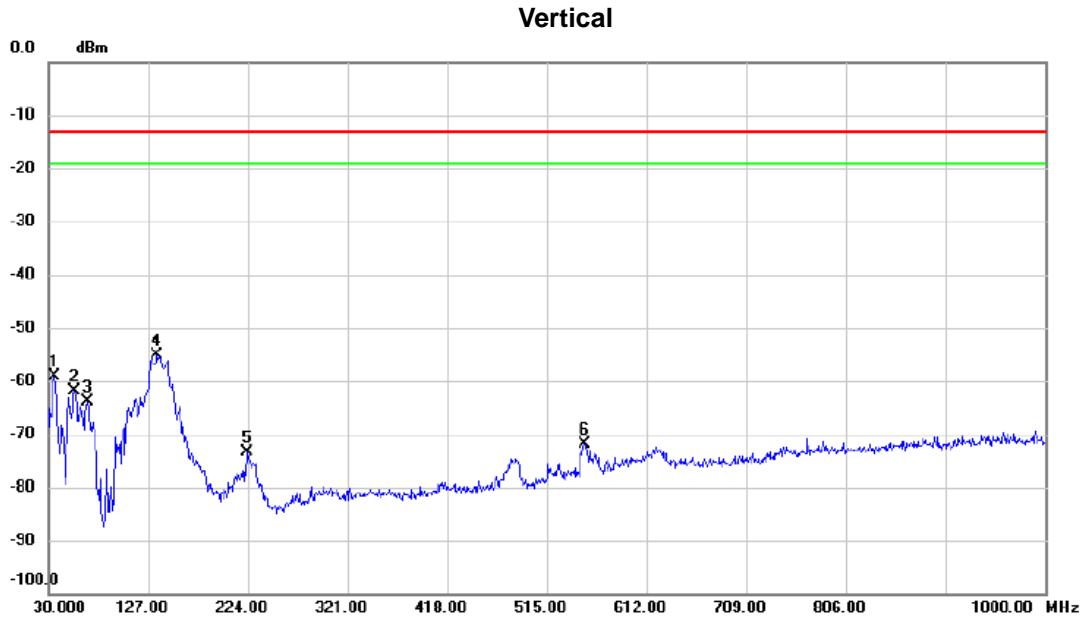






APPENDIX D - RADIATED EMISSION (30MHZ TO 1GHZ)

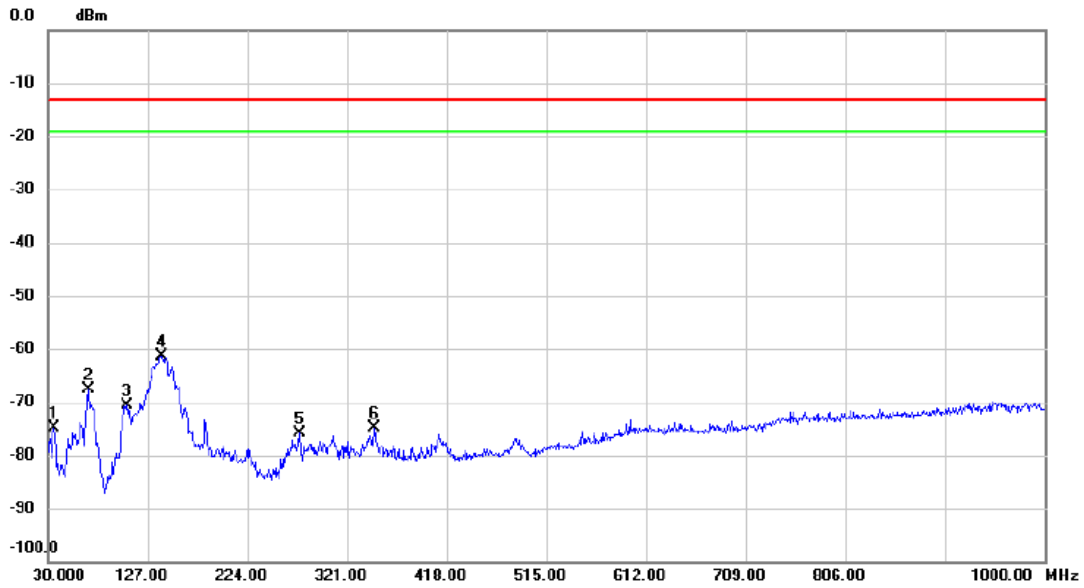
Test Mode: LTE Band 4_TX Mode_1.4M



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	35.8200	-42.11	-17.08	-59.19	-13.00	-46.19	peak	
2	55.2200	-44.47	-17.30	-61.77	-13.00	-48.77	peak	
3	67.8300	-44.90	-19.09	-63.99	-13.00	-50.99	peak	
4 *	135.7300	-39.03	-16.20	-55.23	-13.00	-42.23	peak	
5	223.0300	-55.70	-17.79	-73.49	-13.00	-60.49	peak	
6	551.8600	-60.71	-11.15	-71.86	-13.00	-58.86	peak	

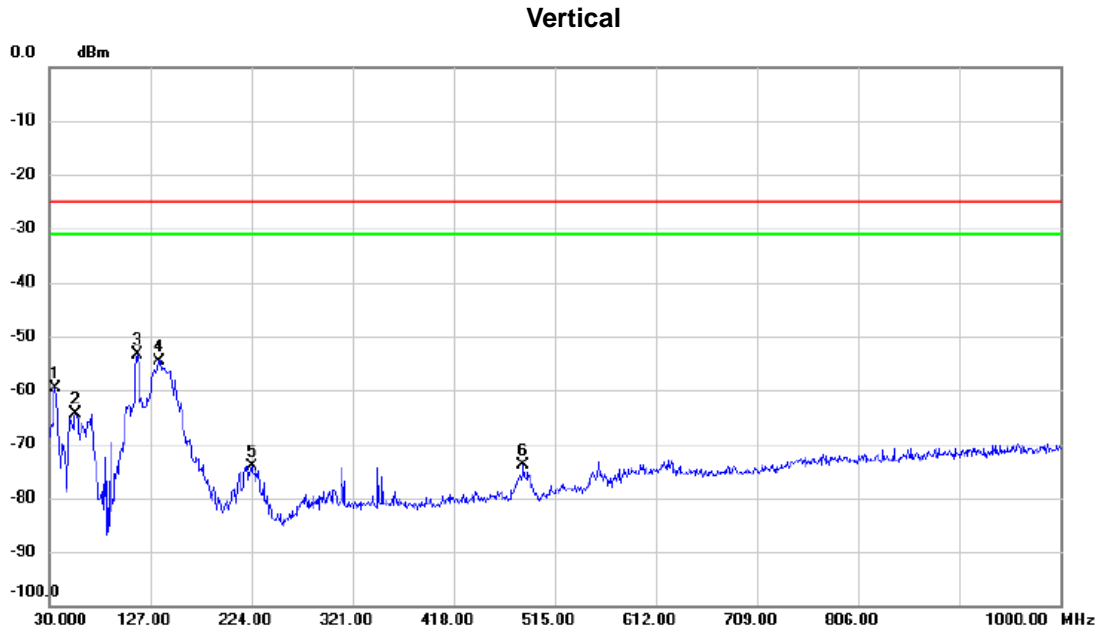
Test Mode: LTE Band 4_TX Mode_1.4M

Horizontal



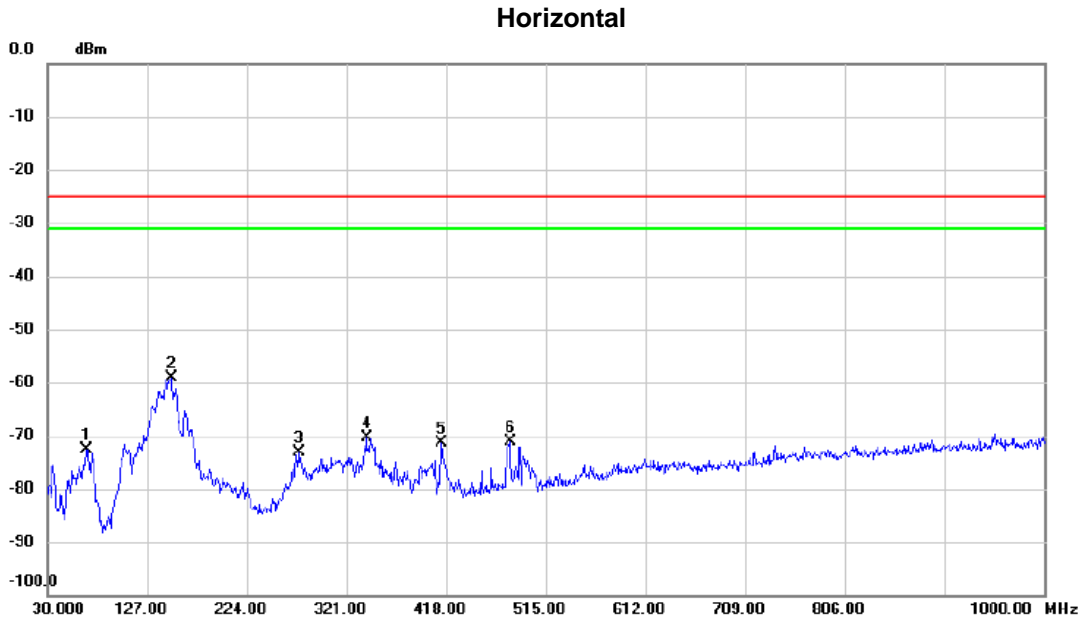
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.8200	-57.74	-17.08	-74.82	-13.00	-61.82	peak	
2		68.8000	-48.48	-19.16	-67.64	-13.00	-54.64	peak	
3		106.6300	-51.81	-18.73	-70.54	-13.00	-57.54	peak	
4	*	140.5800	-45.75	-15.63	-61.38	-13.00	-48.38	peak	
5		275.4100	-60.46	-15.42	-75.88	-13.00	-62.88	peak	
6		347.1900	-61.10	-13.73	-74.83	-13.00	-61.83	peak	

Test Mode: LTE Band 7_TX Mode_5M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.8200	-42.53	-17.08	-59.61	-25.00	-34.61	peak	
2		55.2200	-47.03	-17.30	-64.33	-25.00	-39.33	peak	
3	*	114.3900	-35.62	-17.68	-53.30	-25.00	-28.30	peak	
4		135.7300	-38.33	-16.20	-54.53	-25.00	-29.53	peak	
5		224.0000	-56.35	-17.73	-74.08	-25.00	-49.08	peak	
6		484.9300	-61.13	-12.78	-73.91	-25.00	-48.91	peak	

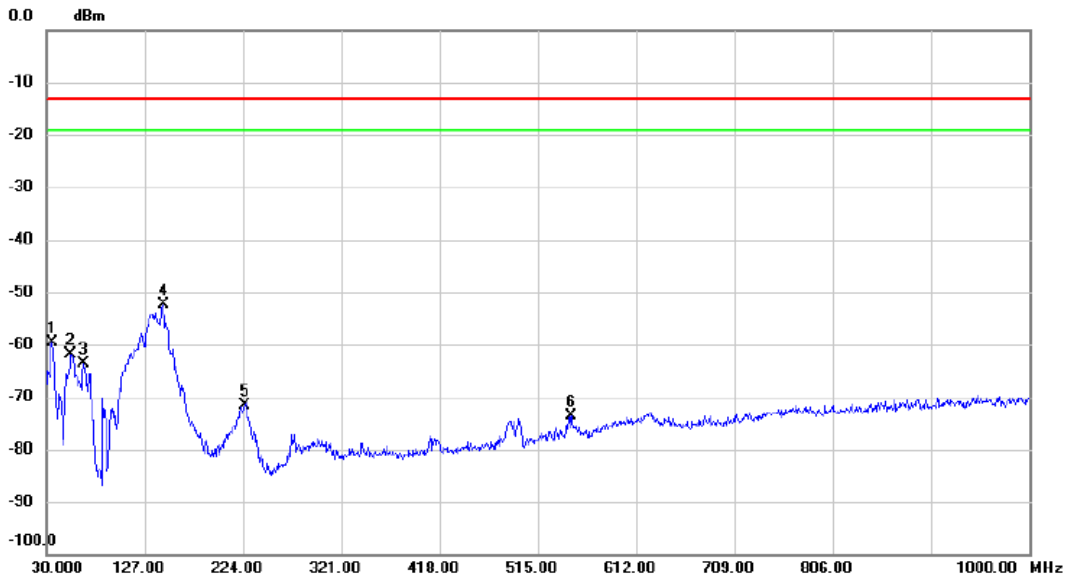
Test Mode: LTE Band 7_TX Mode_5M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		67.8300	-53.46	-19.09	-72.55	-25.00	-47.55	peak	
2	*	150.2800	-44.38	-14.81	-59.19	-25.00	-34.19	peak	
3		274.4400	-57.73	-15.49	-73.22	-25.00	-48.22	peak	
4		340.4000	-56.54	-13.77	-70.31	-25.00	-45.31	peak	
5		413.1500	-58.05	-13.32	-71.37	-25.00	-46.37	peak	
6		480.0800	-58.20	-12.83	-71.03	-25.00	-46.03	peak	

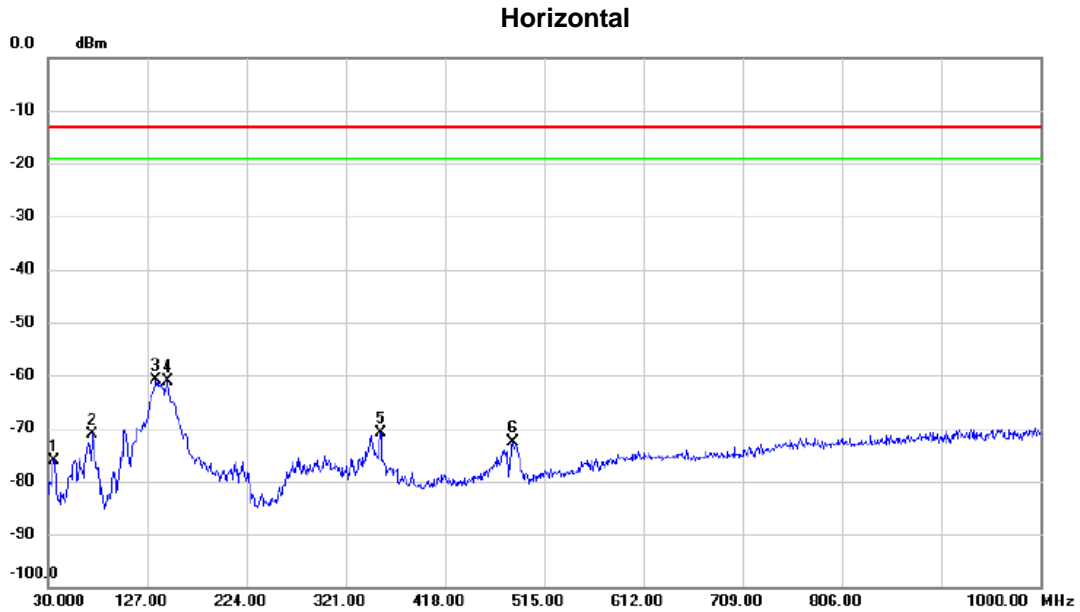
Test Mode: LTE Band 12_TX Mode_1.4M

Vertical



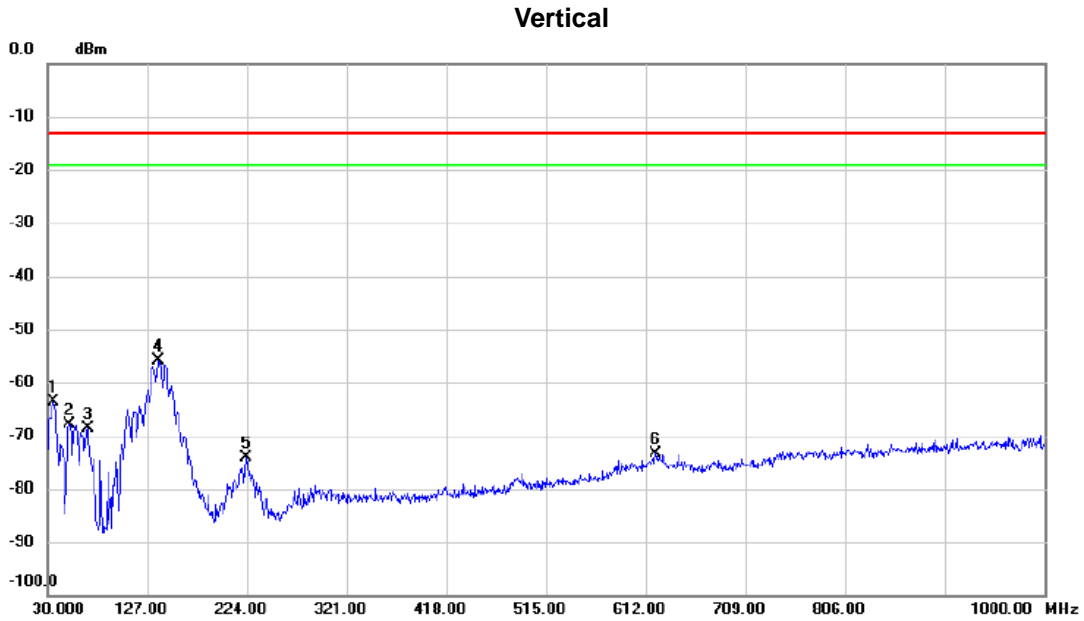
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.8200	-42.48	-17.08	-59.56	-13.00	-46.56	peak	
2		54.2500	-44.64	-17.27	-61.91	-13.00	-48.91	peak	
3		66.8600	-44.53	-19.01	-63.54	-13.00	-50.54	peak	
4	*	145.4300	-37.27	-15.21	-52.48	-13.00	-39.48	peak	
5		225.9400	-54.14	-17.60	-71.74	-13.00	-58.74	peak	
6		547.9800	-62.36	-11.29	-73.65	-13.00	-60.65	peak	

Test Mode: LTE Band 12_TX Mode_1.4M



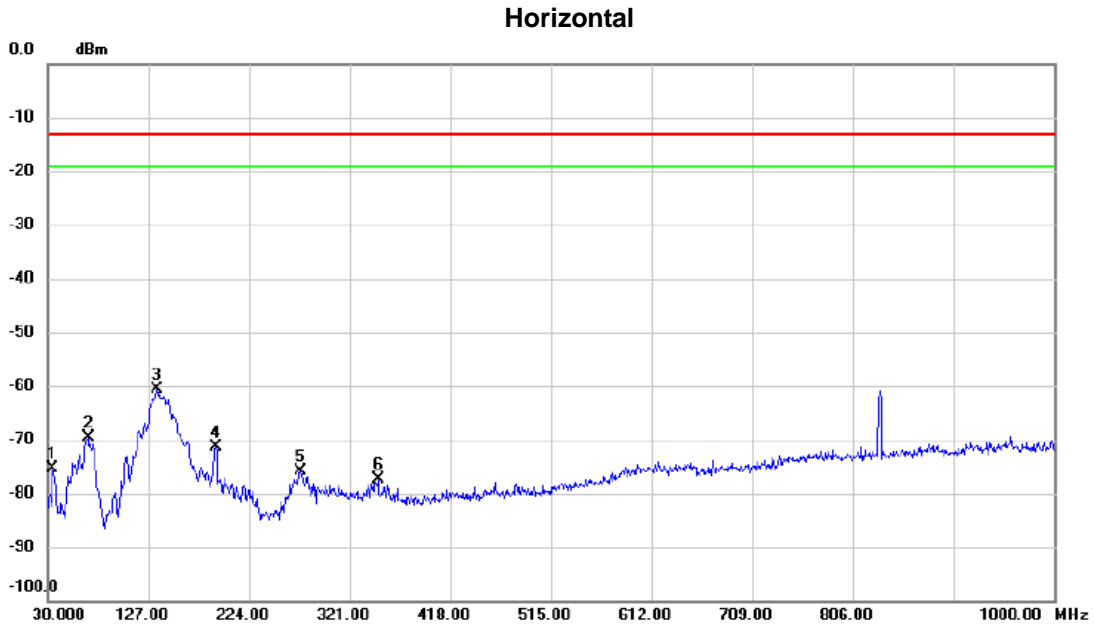
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.8200	-58.94	-17.08	-76.02	-13.00	-63.02	peak	
2		73.6500	-50.99	-20.04	-71.03	-13.00	-58.03	peak	
3	*	135.7300	-44.55	-16.20	-60.75	-13.00	-47.75	peak	
4		146.4000	-46.07	-15.12	-61.19	-13.00	-48.19	peak	
5		354.9500	-57.24	-13.69	-70.93	-13.00	-57.93	peak	
6		483.9600	-59.77	-12.79	-72.56	-13.00	-59.56	peak	

Test Mode: LTE Band 13_TX Mode_5M



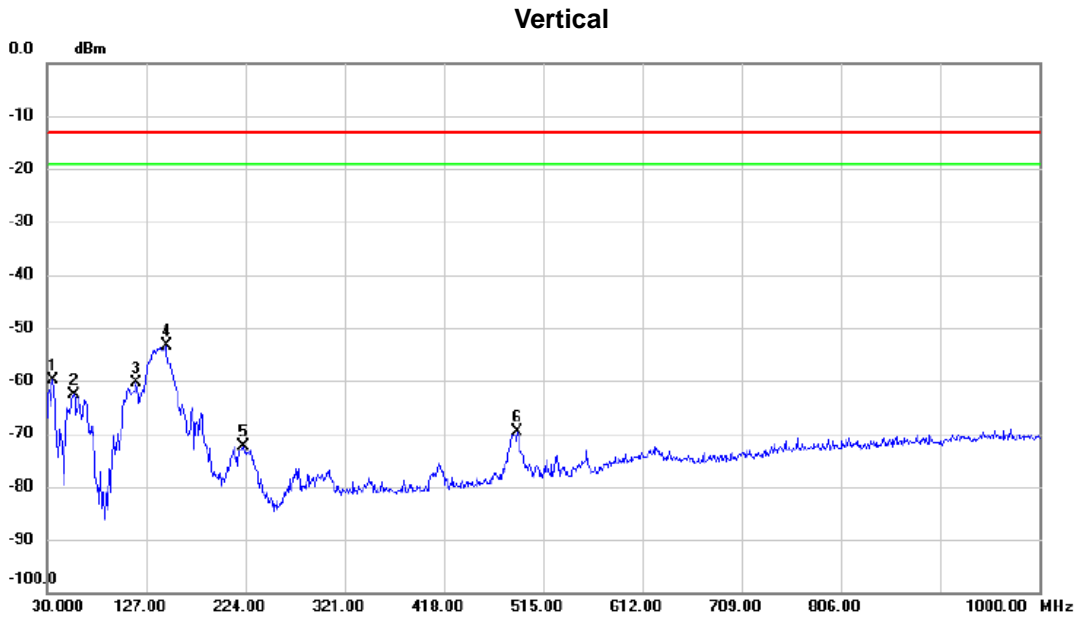
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.8200	-46.53	-17.08	-63.61	-13.00	-50.61	peak	
2		51.3400	-50.77	-17.20	-67.97	-13.00	-54.97	peak	
3		68.8000	-49.53	-19.16	-68.69	-13.00	-55.69	peak	
4	*	138.6400	-39.97	-15.86	-55.83	-13.00	-42.83	peak	
5		223.0300	-56.37	-17.79	-74.16	-13.00	-61.16	peak	
6		621.7000	-64.69	-8.59	-73.28	-13.00	-60.28	peak	

Test Mode: LTE Band 13_TX Mode_5M



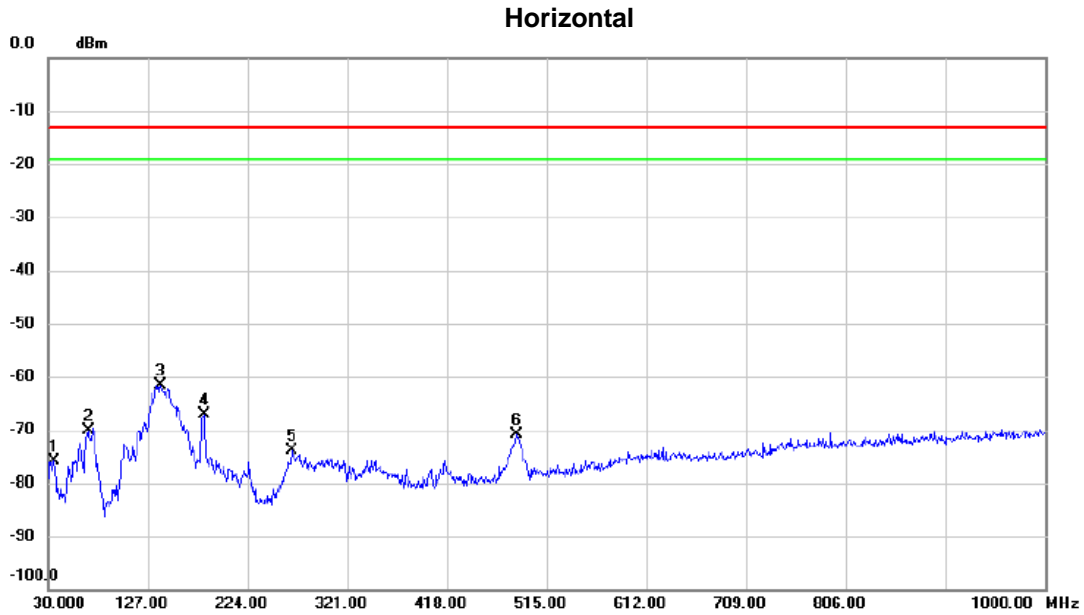
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		34.8500	-58.16	-17.26	-75.42	-13.00	-62.42	peak	
2		68.8000	-50.43	-19.16	-69.59	-13.00	-56.59	peak	
3	*	135.7300	-44.41	-16.20	-60.61	-13.00	-47.61	peak	
4		191.9900	-53.02	-18.37	-71.39	-13.00	-58.39	peak	
5		273.4700	-60.27	-15.56	-75.83	-13.00	-62.83	peak	
6		348.1600	-63.54	-13.73	-77.27	-13.00	-64.27	peak	

Test Mode: LTE Band 66_TX CH132322_1.4M



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	35.8200	-42.83	-17.08	-59.91	-13.00	-46.91	peak	
2	56.1900	-45.37	-17.37	-62.74	-13.00	-49.74	peak	
3	117.3000	-43.02	-17.37	-60.39	-13.00	-47.39	peak	
4 *	146.4000	-38.25	-15.12	-53.37	-13.00	-40.37	peak	
5	222.0600	-54.57	-17.85	-72.42	-13.00	-59.42	peak	
6	489.7800	-56.96	-12.72	-69.68	-13.00	-56.68	peak	

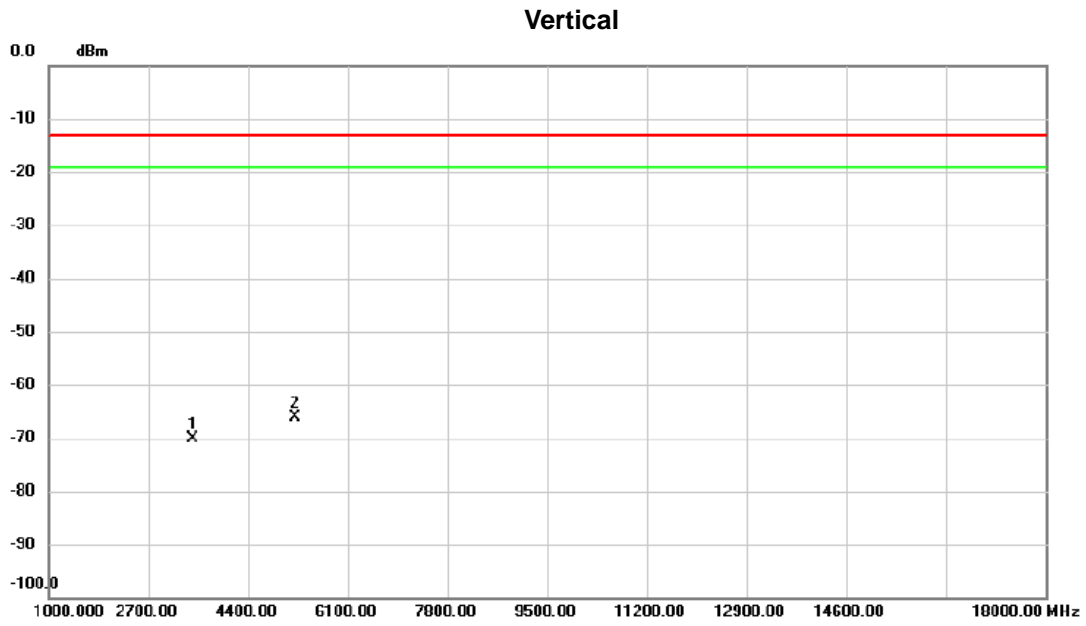
Test Mode: LTE Band 66_TX CH132322_1.4M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.8200	-58.82	-17.08	-75.90	-13.00	-62.90	peak	
2		68.8000	-50.90	-19.16	-70.06	-13.00	-57.06	peak	
3	*	139.6100	-45.82	-15.74	-61.56	-13.00	-48.56	peak	
4		181.3200	-49.62	-17.53	-67.15	-13.00	-54.15	peak	
5		266.6800	-57.77	-16.02	-73.79	-13.00	-60.79	peak	
6		485.9000	-58.23	-12.76	-70.99	-13.00	-57.99	peak	

APPENDIX E - RADIATED EMISSION (ABOVE 1GHZ)

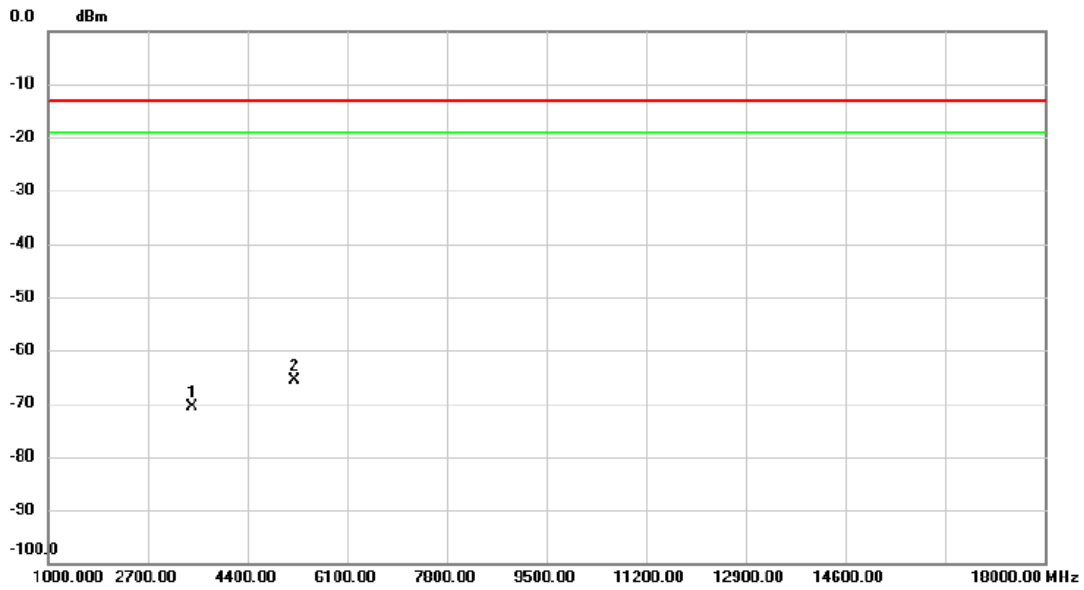
Test Mode: LTE Band 4_TX CH20175_1.4M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3463.920	-56.19	-13.99	-70.18	-13.00	-57.18	peak	
2	*	5195.880	-57.47	-8.74	-66.21	-13.00	-53.21	peak	

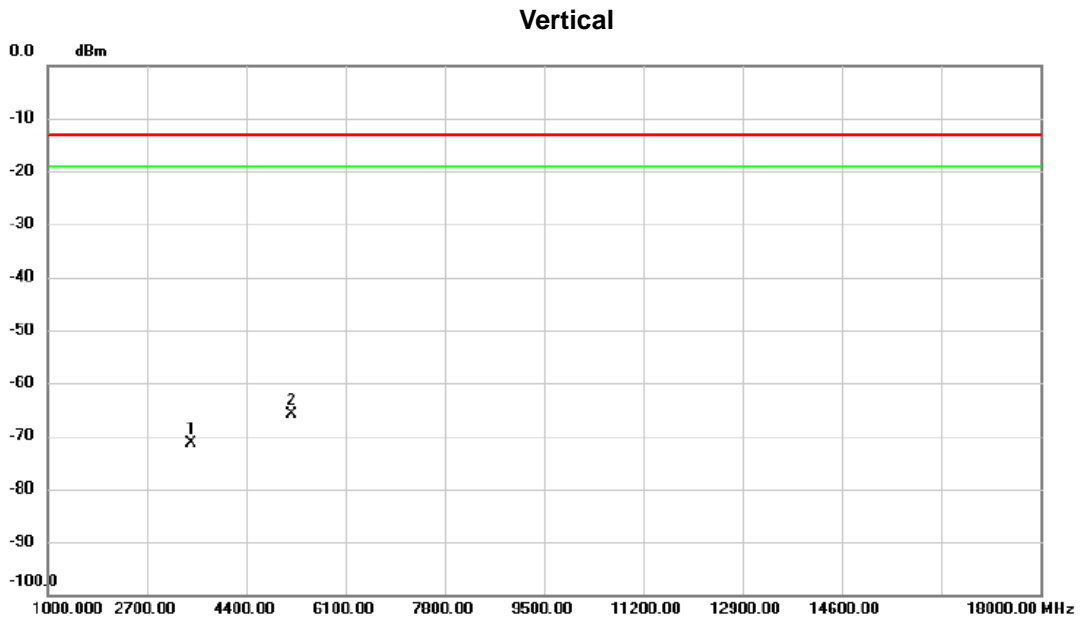
Test Mode: LTE Band 4_TX CH20175_1.4M

Horizontal



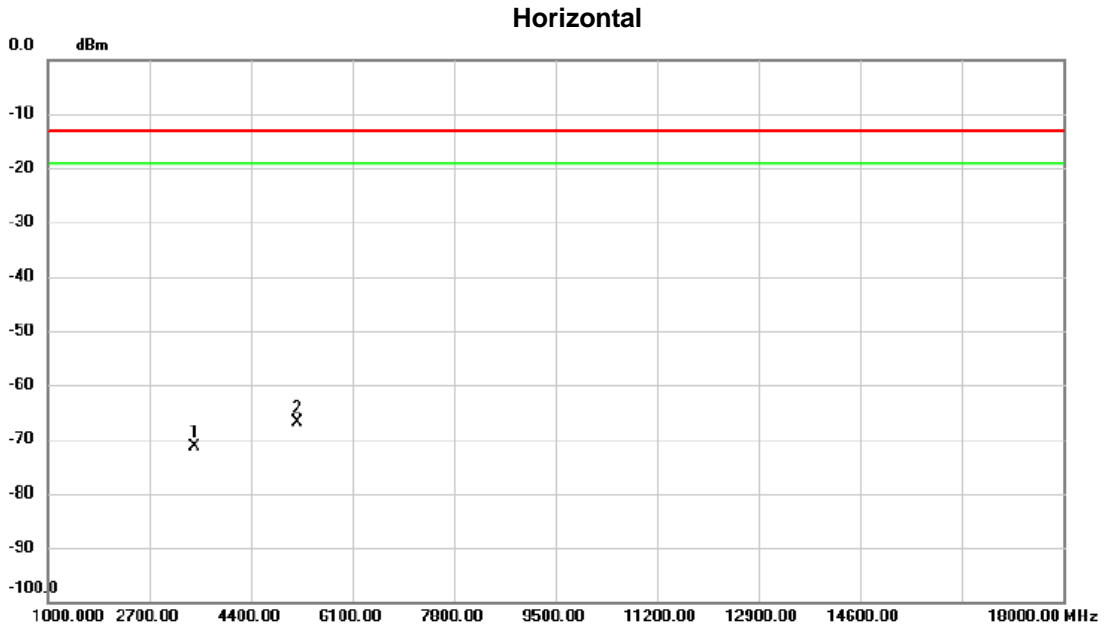
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3463.920	-56.60	-13.99	-70.59	-13.00	-57.59	peak	
2	*	5195.880	-56.80	-8.74	-65.54	-13.00	-52.54	peak	

Test Mode: LTE Band 4_TX CH20175_5M



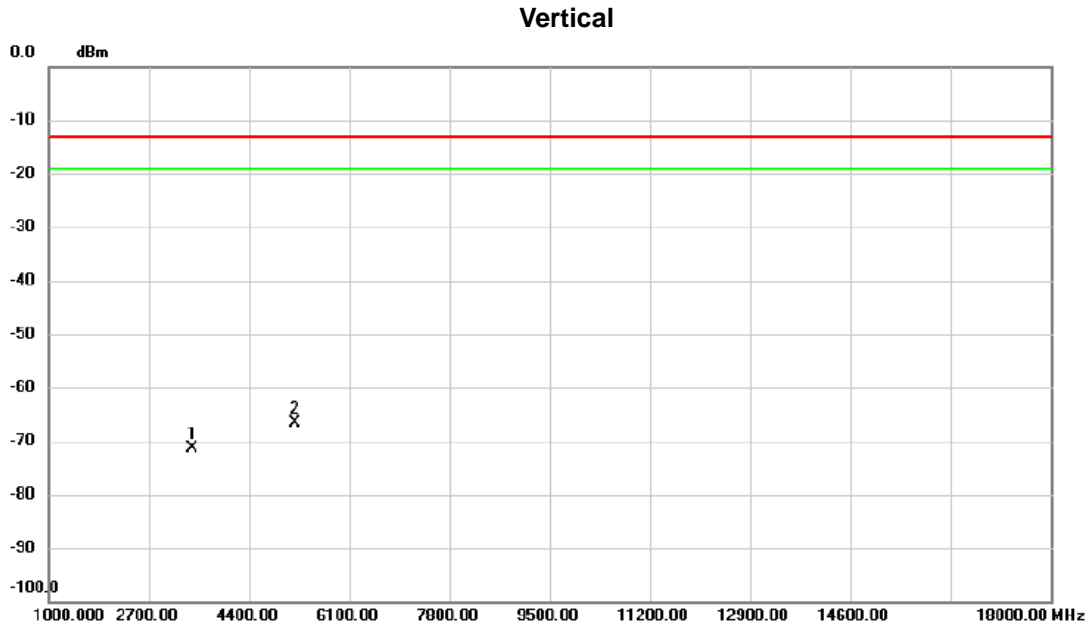
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3460.680	-57.29	-14.00	-71.29	-13.00	-58.29	peak	
2	*	5191.020	-57.24	-8.75	-65.99	-13.00	-52.99	peak	

Test Mode: LTE Band 4_TX CH20175_5M



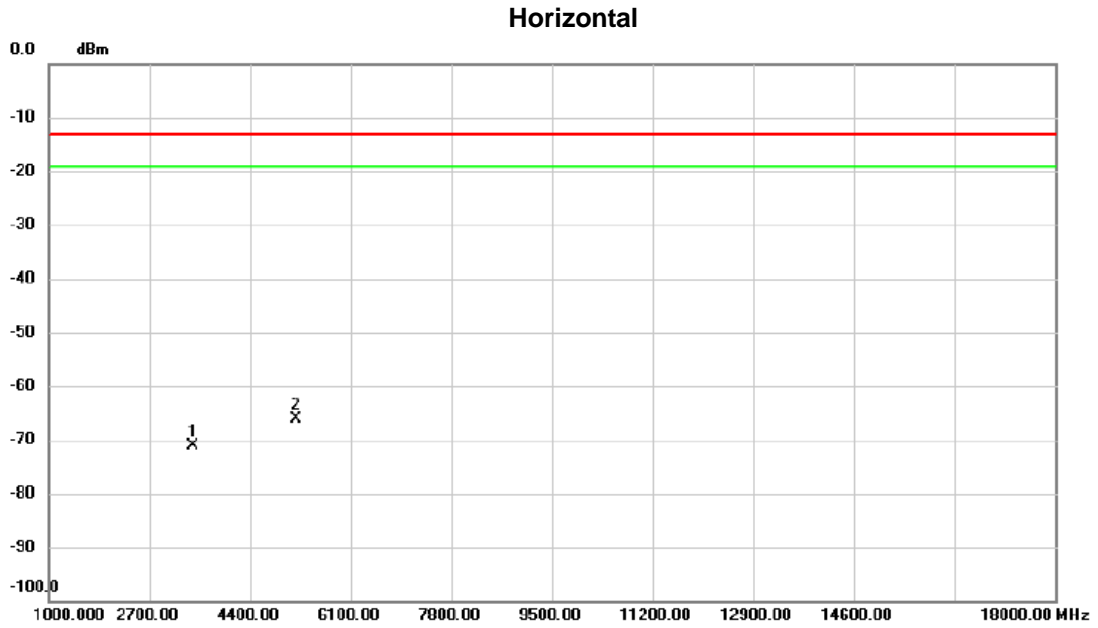
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3460.680	-57.42	-14.00	-71.42	-13.00	-58.42	peak	
2	*	5191.020	-58.02	-8.75	-66.77	-13.00	-53.77	peak	

Test Mode: LTE Band 4_TX CH20175_20M



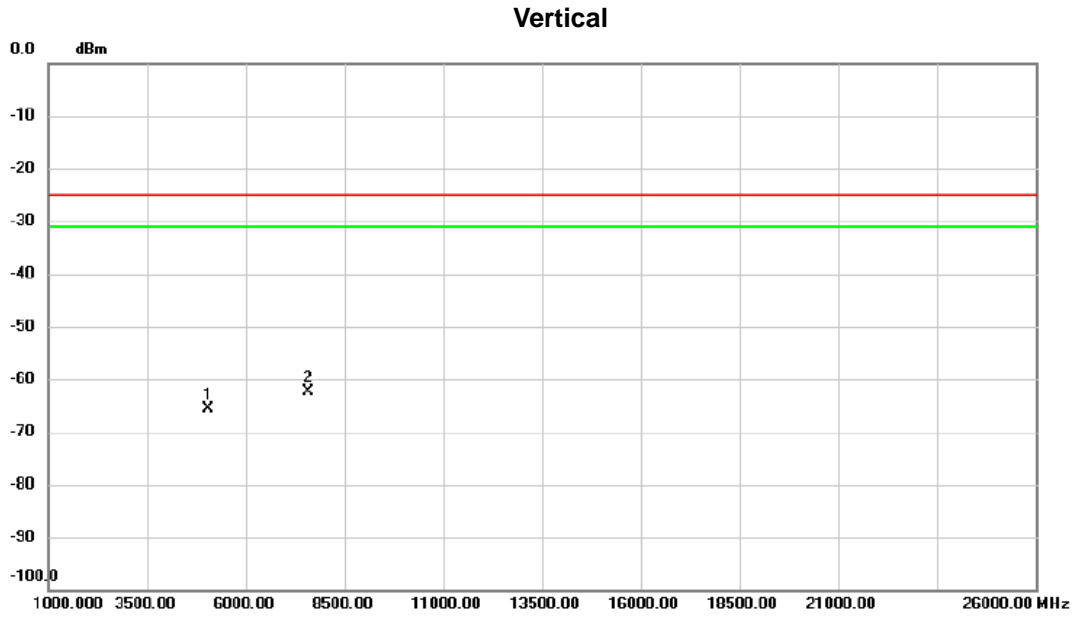
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3447.180	-57.41	-14.01	-71.42	-13.00	-58.42	peak	
2	*	5170.770	-57.82	-8.79	-66.61	-13.00	-53.61	peak	

Test Mode: LTE Band 4_TX CH20175_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3447.180	-57.07	-14.01	-71.08	-13.00	-58.08	peak	
2	*	5170.770	-57.44	-8.79	-66.23	-13.00	-53.23	peak	

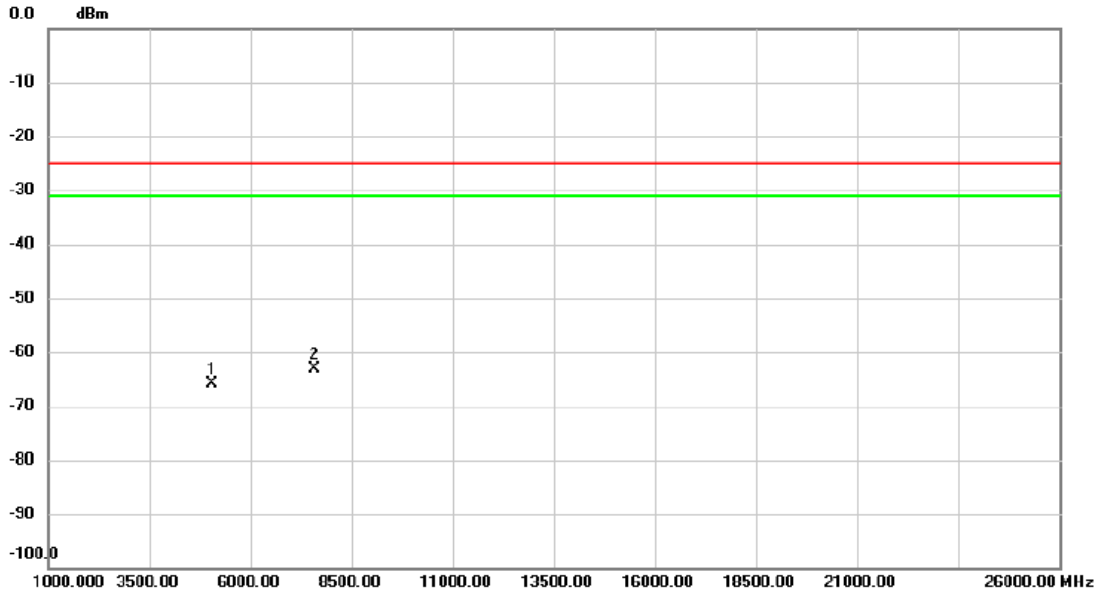
Test Mode: LTE Band 7_TX CH21100_5M



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	5065.680	-56.60	-8.93	-65.53	-25.00	-40.53	peak	
2 *	7598.520	-60.08	-2.27	-62.35	-25.00	-37.35	peak	

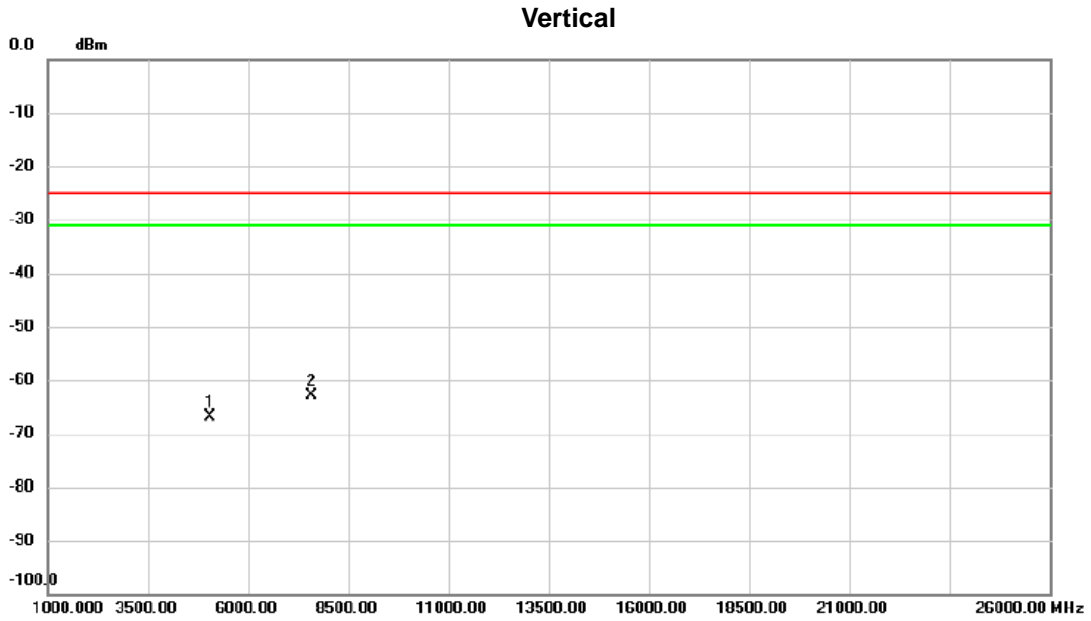
Test Mode: LTE Band 7_TX CH21100_5M

Horizontal



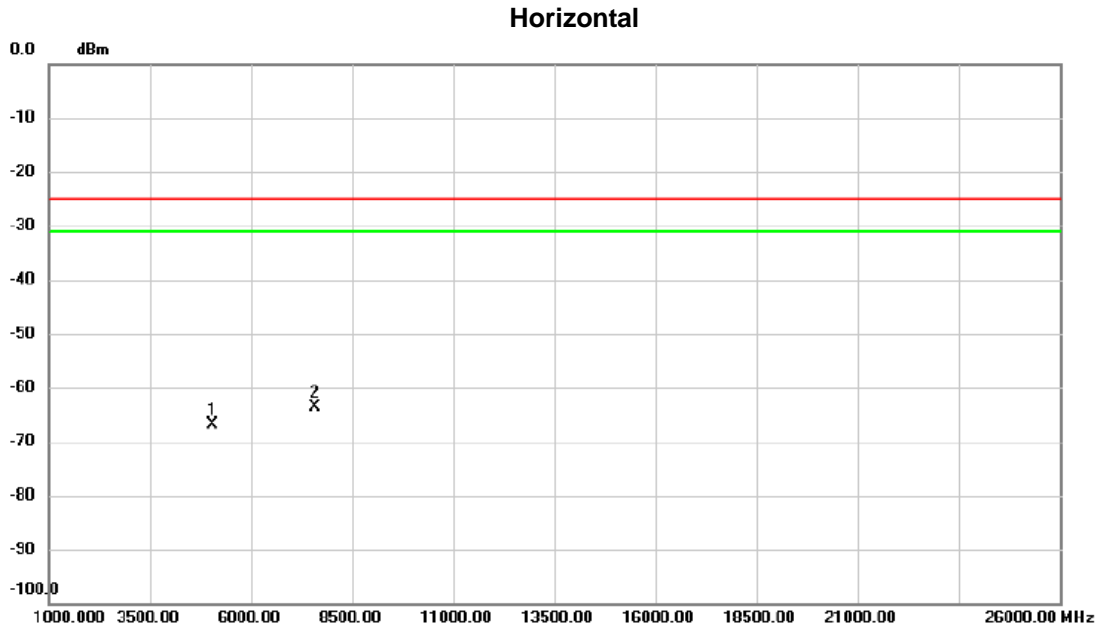
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5065.680	-56.97	-8.93	-65.90	-25.00	-40.90	peak	
2	*	7598.520	-60.83	-2.27	-63.10	-25.00	-38.10	peak	

Test Mode: LTE Band 7_TX CH21100_20M



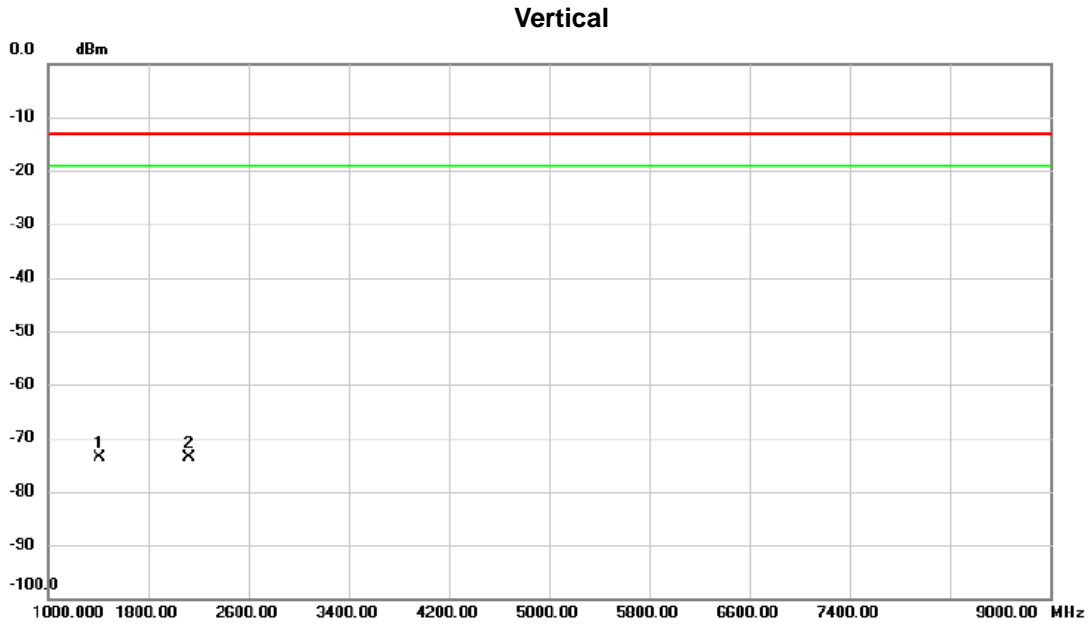
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	5052.180	-57.80	-8.95	-66.75	-25.00	-41.75	peak	
2 *	7578.270	-60.60	-2.30	-62.90	-25.00	-37.90	peak	

Test Mode: LTE Band 7_TX CH21100_20M



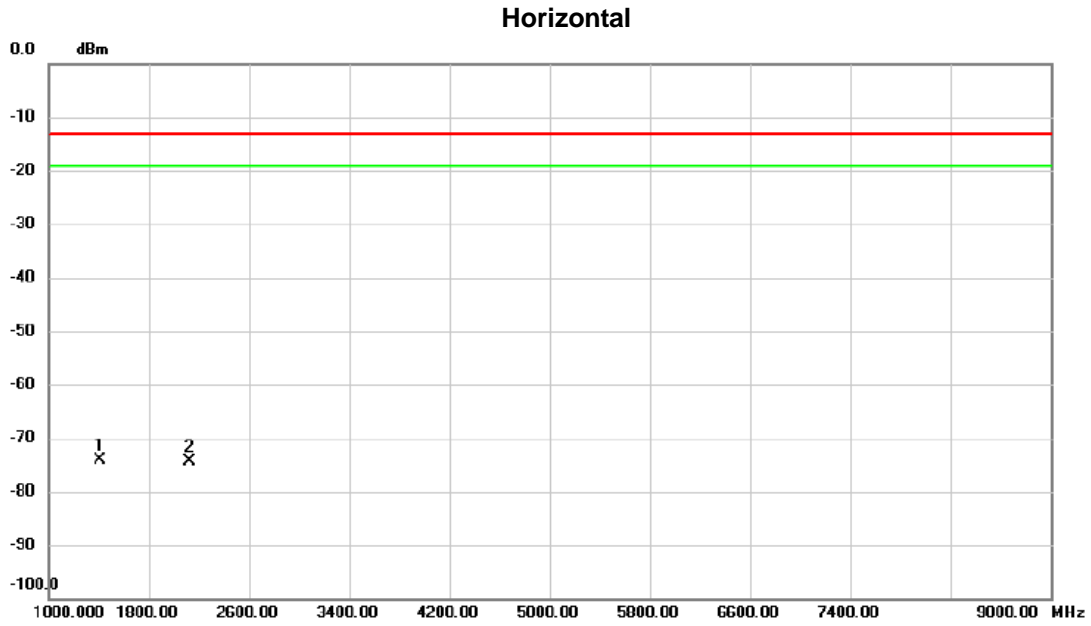
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5052.180	-57.84	-8.95	-66.79	-25.00	-41.79	peak	
2	*	7578.270	-61.36	-2.30	-63.66	-25.00	-38.66	peak	

Test Mode: LTE Band 12_TX CH23095_1.4M



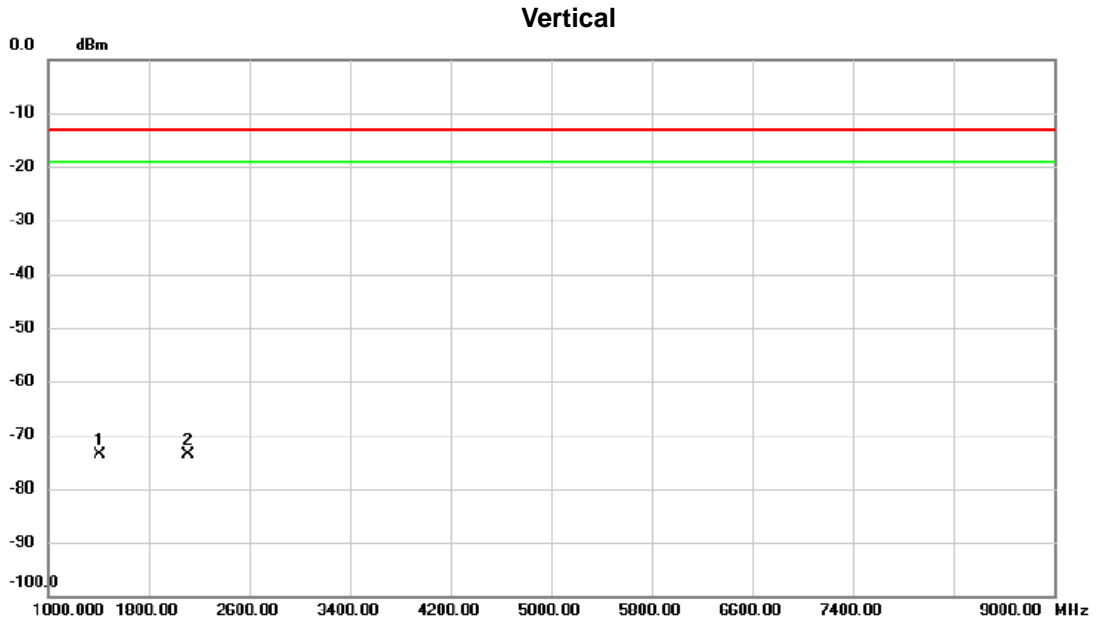
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1413.920	-53.85	-19.73	-73.58	-13.00	-60.58	peak	
2		2120.880	-56.50	-17.13	-73.63	-13.00	-60.63	peak	

Test Mode: LTE Band 12_TX CH23095_1.4M



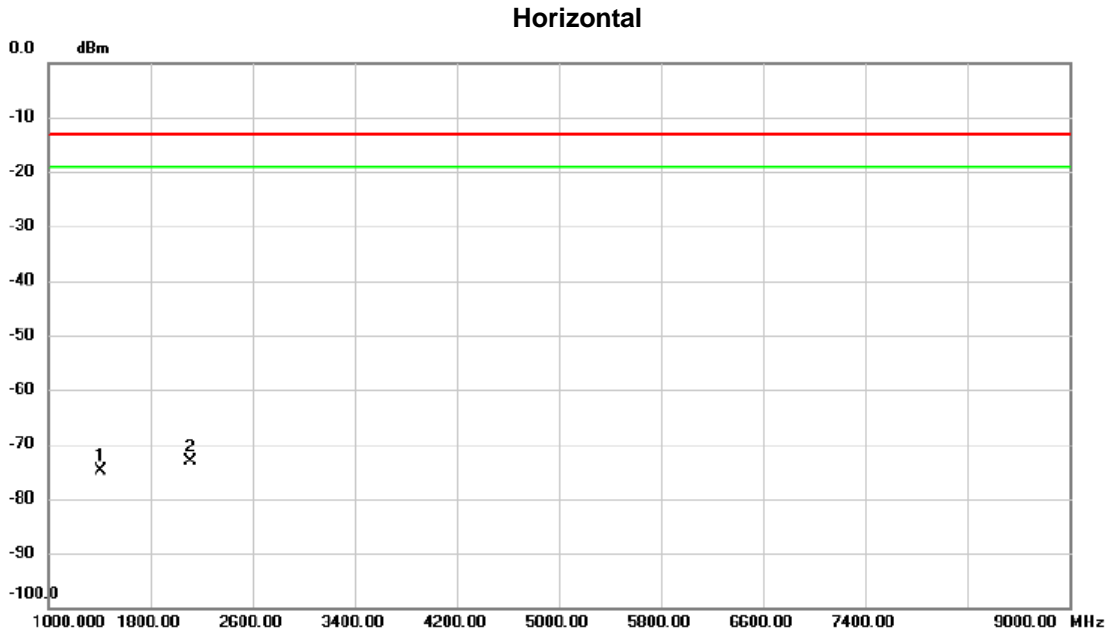
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1413.920	-54.41	-19.73	-74.14	-13.00	-61.14	peak	
2		2120.880	-57.12	-17.13	-74.25	-13.00	-61.25	peak	

Test Mode: LTE Band 12_TX CH23095_5M



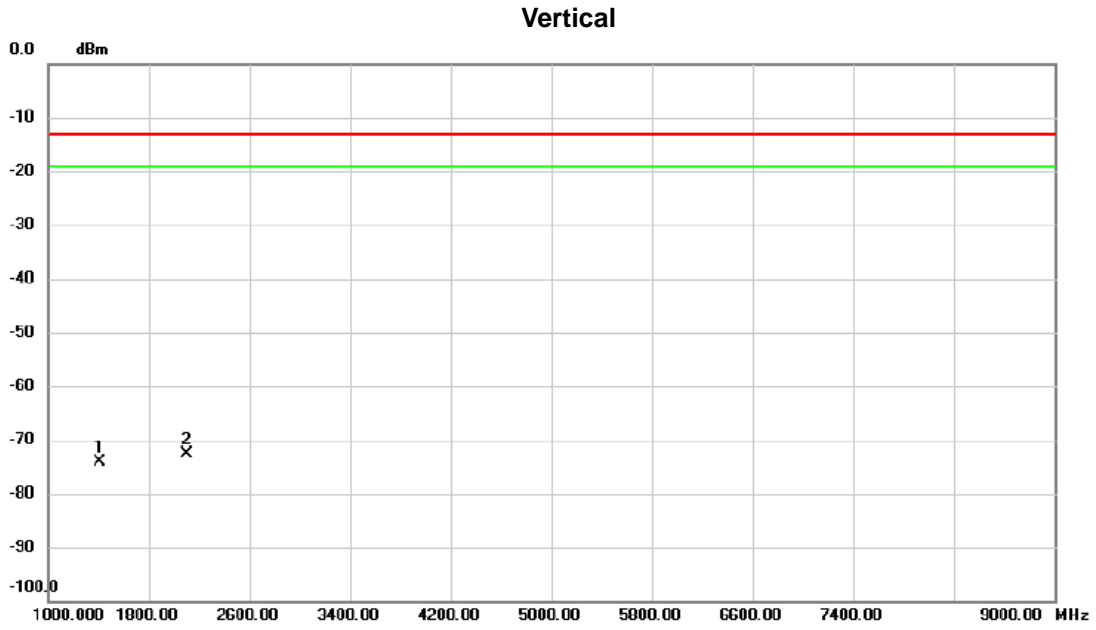
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1410.680	-53.89	-19.74	-73.63	-13.00	-60.63	peak	
2	*	2116.020	-56.38	-17.13	-73.51	-13.00	-60.51	peak	

Test Mode: LTE Band 12_TX CH23095_5M



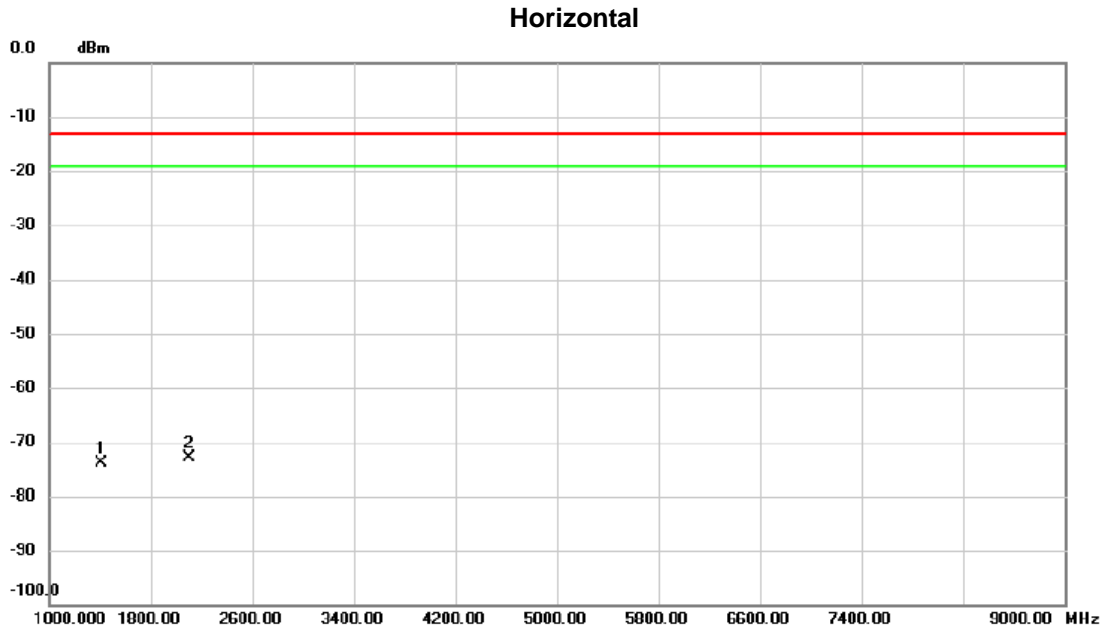
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1410.680	-55.08	-19.74	-74.82	-13.00	-61.82	peak	
2	*	2116.020	-56.05	-17.13	-73.18	-13.00	-60.18	peak	

Test Mode: LTE Band 12_TX CH23095_10M



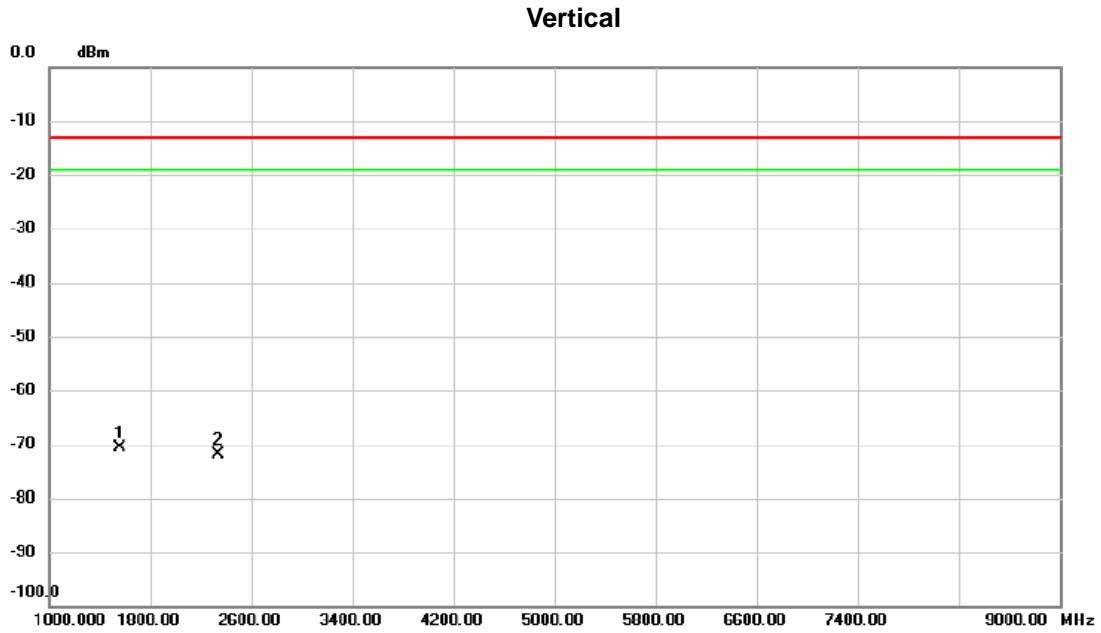
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1406.180	-54.35	-19.76	-74.11	-13.00	-61.11	peak	
2	*	2109.270	-55.47	-17.16	-72.63	-13.00	-59.63	peak	

Test Mode: LTE Band 12_TX CH23095_10M



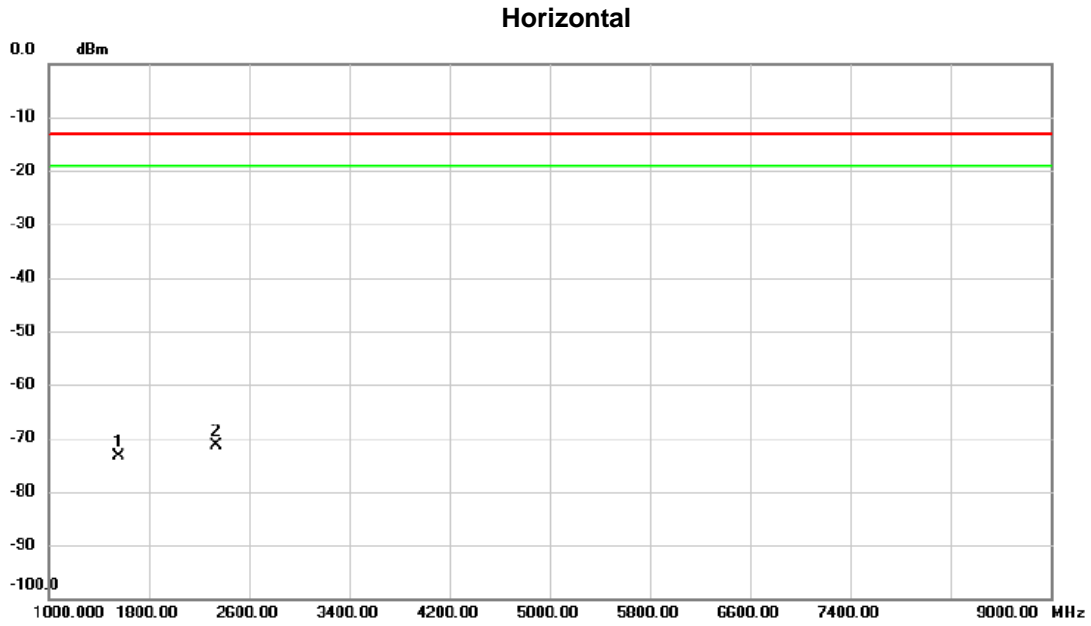
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1406.180	-54.15	-19.76	-73.91	-13.00	-60.91	peak	
2	*	2109.270	-55.83	-17.16	-72.99	-13.00	-59.99	peak	

Test Mode: LTE Band 13_TX CH23230_5M



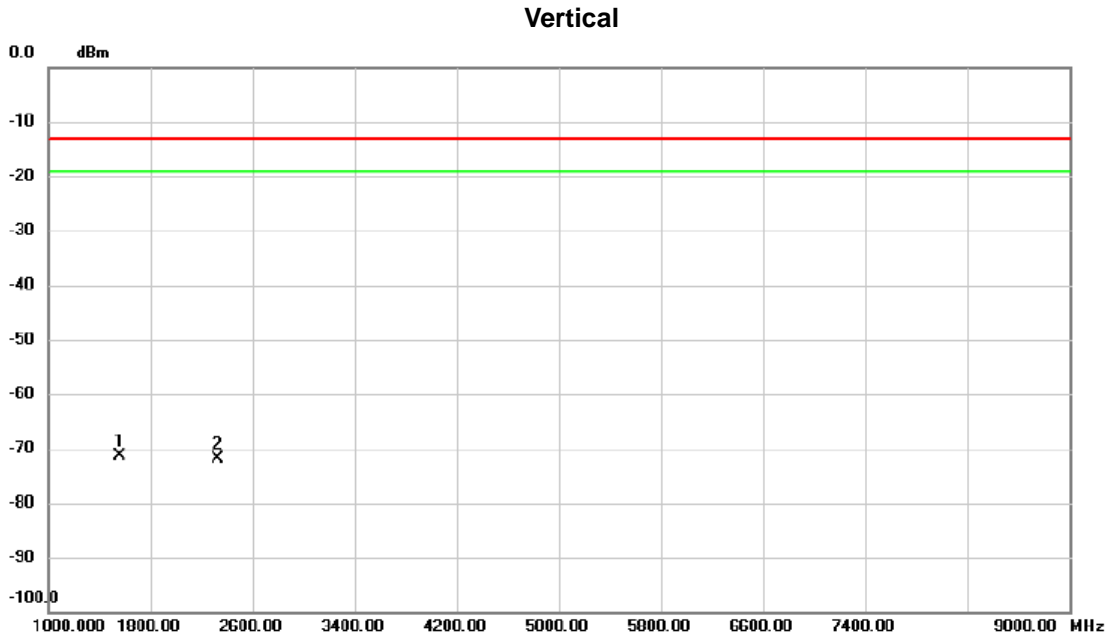
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1559.680	-51.56	-19.17	-70.73	-13.00	-57.73	peak	
2		2339.520	-55.41	-16.49	-71.90	-13.00	-58.90	peak	

Test Mode: LTE Band 13_TX CH23230_5M



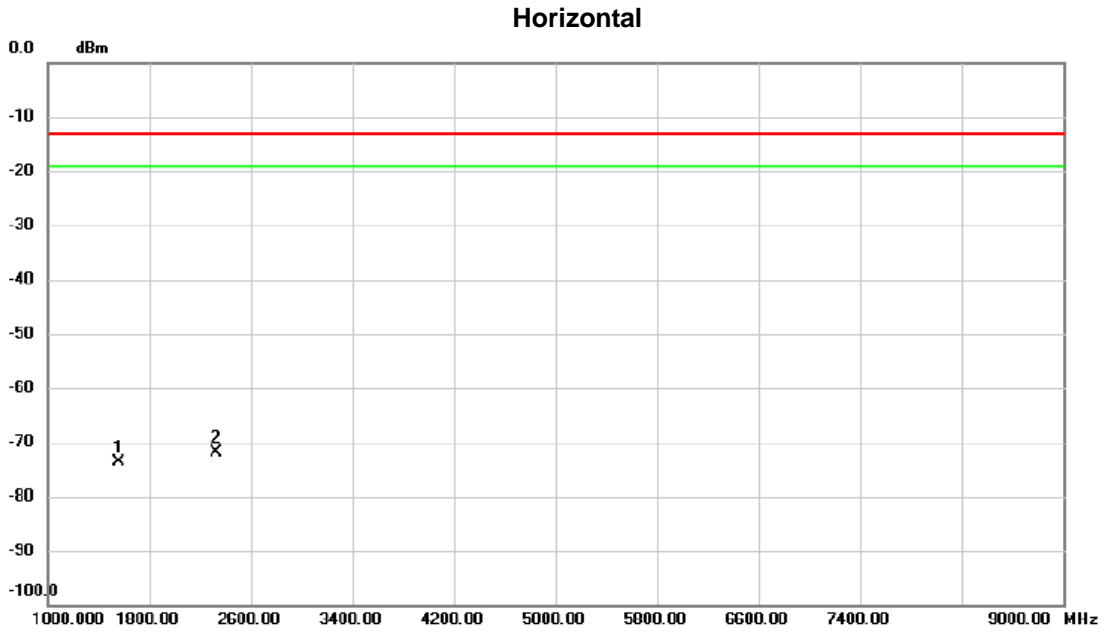
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1559.680	-54.11	-19.17	-73.28	-13.00	-60.28	peak	
2	*	2339.520	-54.76	-16.49	-71.25	-13.00	-58.25	peak	

Test Mode: LTE Band 13_TX CH23230_10M



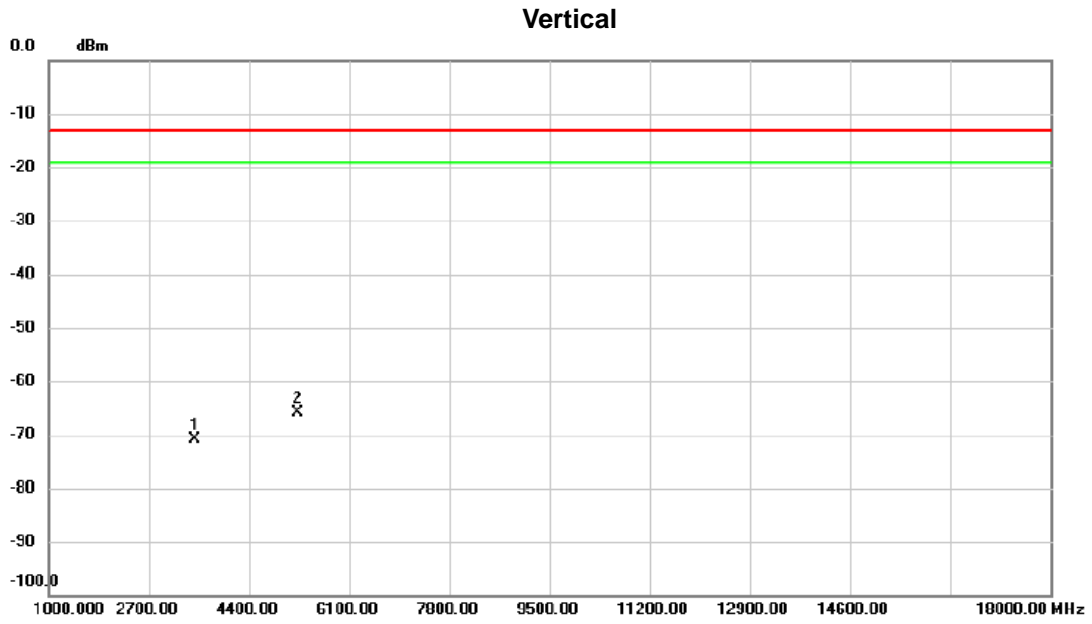
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1555.180	-52.15	-19.18	-71.33	-13.00	-58.33	peak	
2		2332.770	-55.40	-16.50	-71.90	-13.00	-58.90	peak	

Test Mode: LTE Band 13_TX CH23230_10M



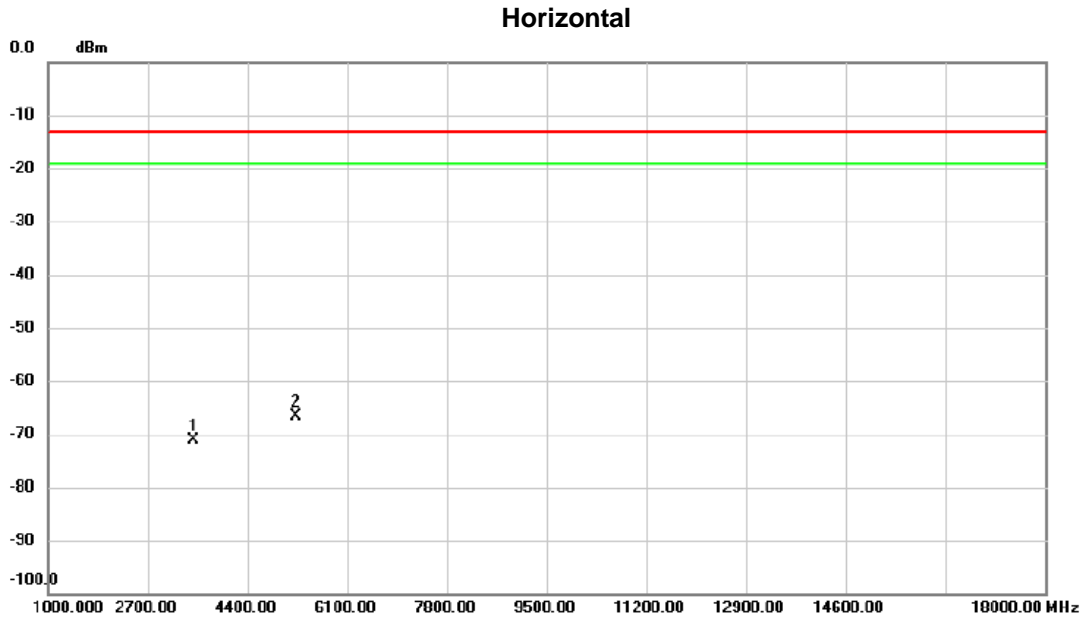
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	1555.180	-54.54	-19.18	-73.72	-13.00	-60.72	peak	
2 *	2332.770	-55.45	-16.50	-71.95	-13.00	-58.95	peak	

Test Mode: LTE Band 66_TX CH132322_1.4M



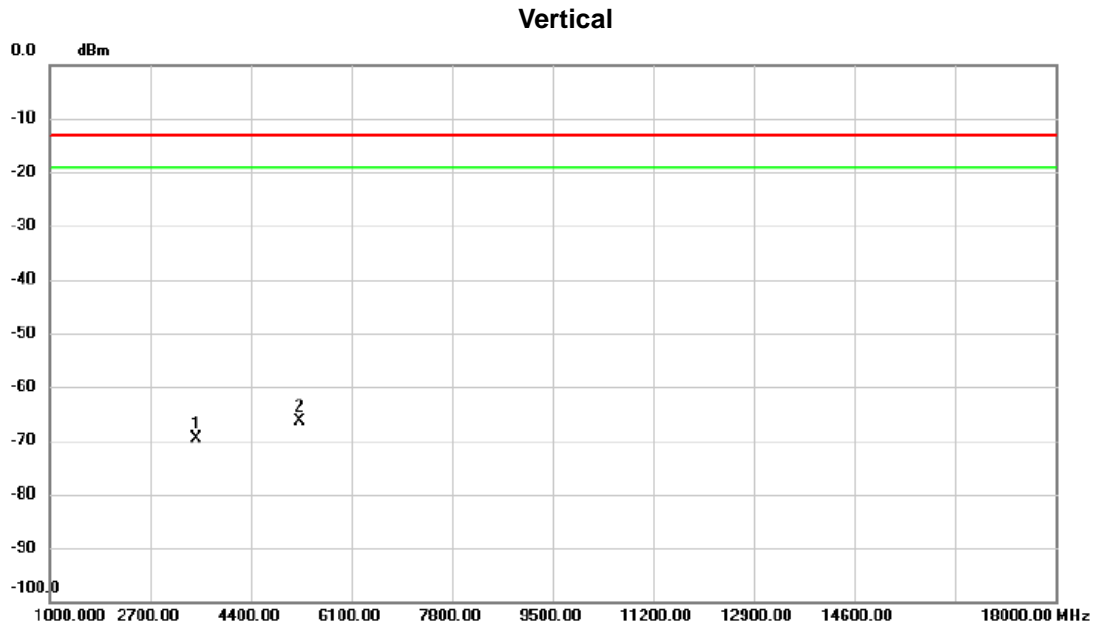
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3488.920	-56.91	-13.97	-70.88	-13.00	-57.88	peak	
2	*	5233.380	-57.05	-8.70	-65.75	-13.00	-52.75	peak	

Test Mode: LTE Band 66_TX CH132322_1.4M



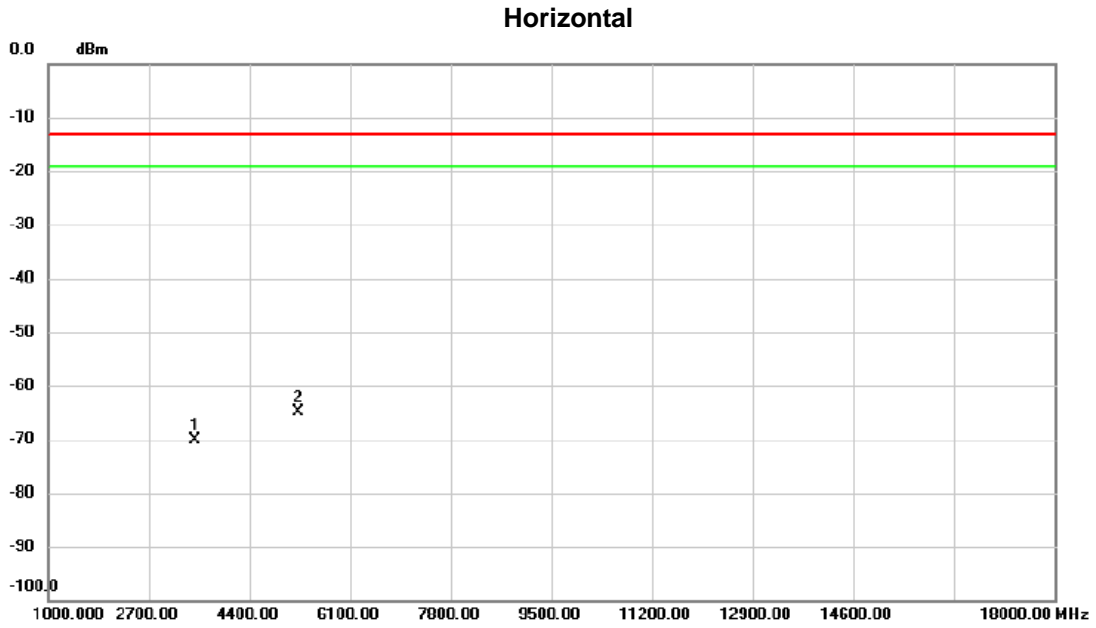
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3488.920	-57.22	-13.97	-71.19	-13.00	-58.19	peak	
2	*	5233.380	-57.83	-8.70	-66.53	-13.00	-53.53	peak	

Test Mode: LTE Band 66_TX CH132322_5M



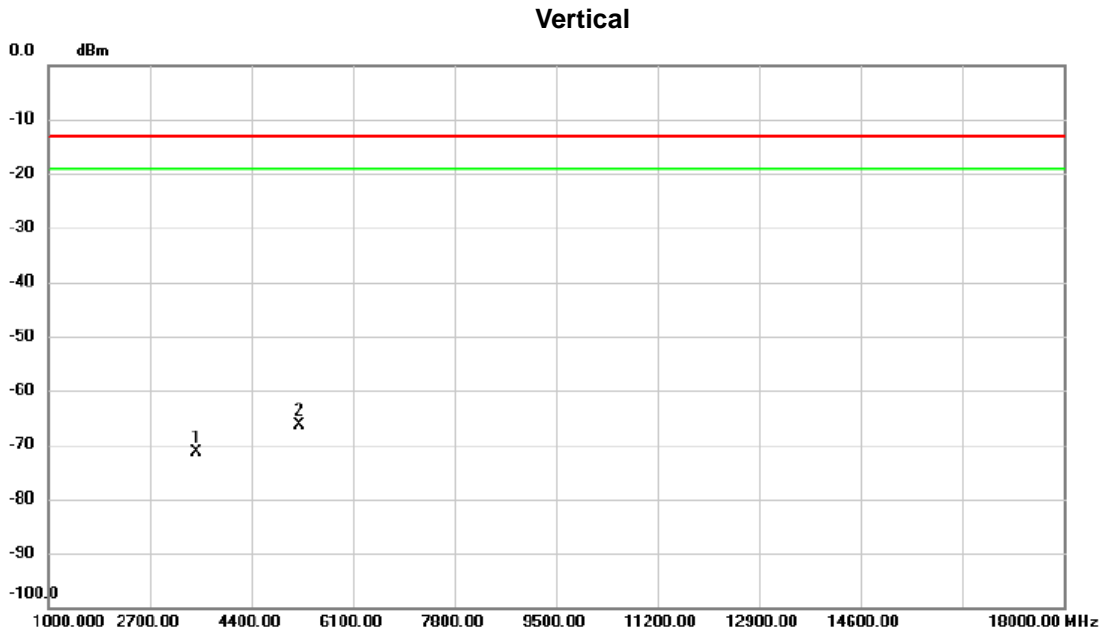
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3485.680	-55.54	-13.98	-69.52	-13.00	-56.52	peak	
2	*	5228.520	-57.55	-8.70	-66.25	-13.00	-53.25	peak	

Test Mode: LTE Band 66_TX CH132322_5M



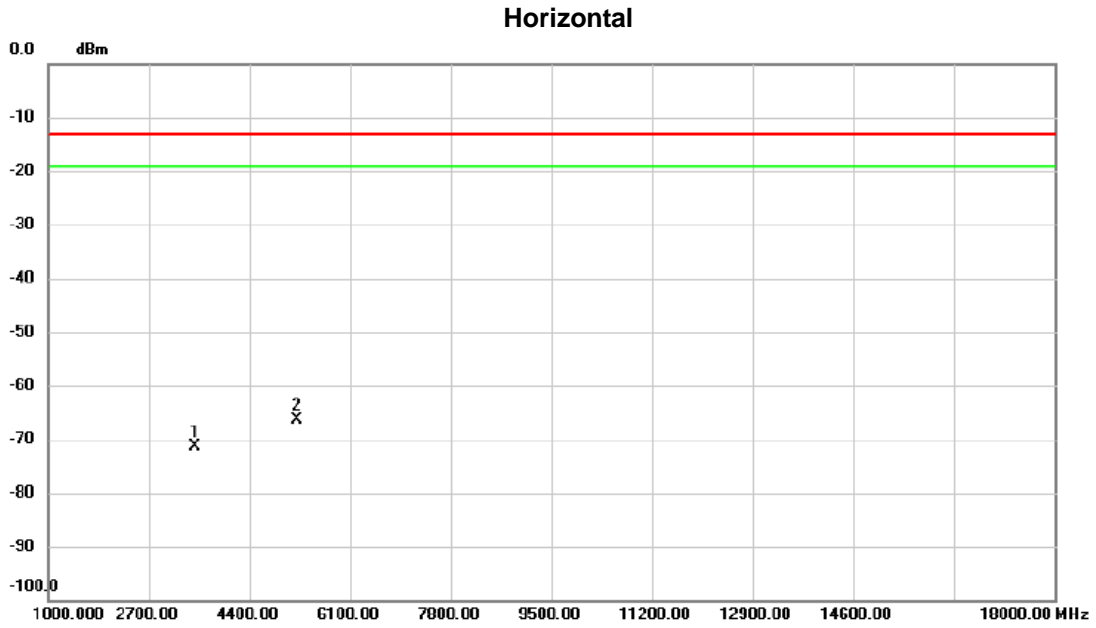
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3485.680	-56.02	-13.98	-70.00	-13.00	-57.00	peak	
2	*	5228.520	-56.19	-8.70	-64.89	-13.00	-51.89	peak	

Test Mode: LTE Band 66_TX CH132322_20M



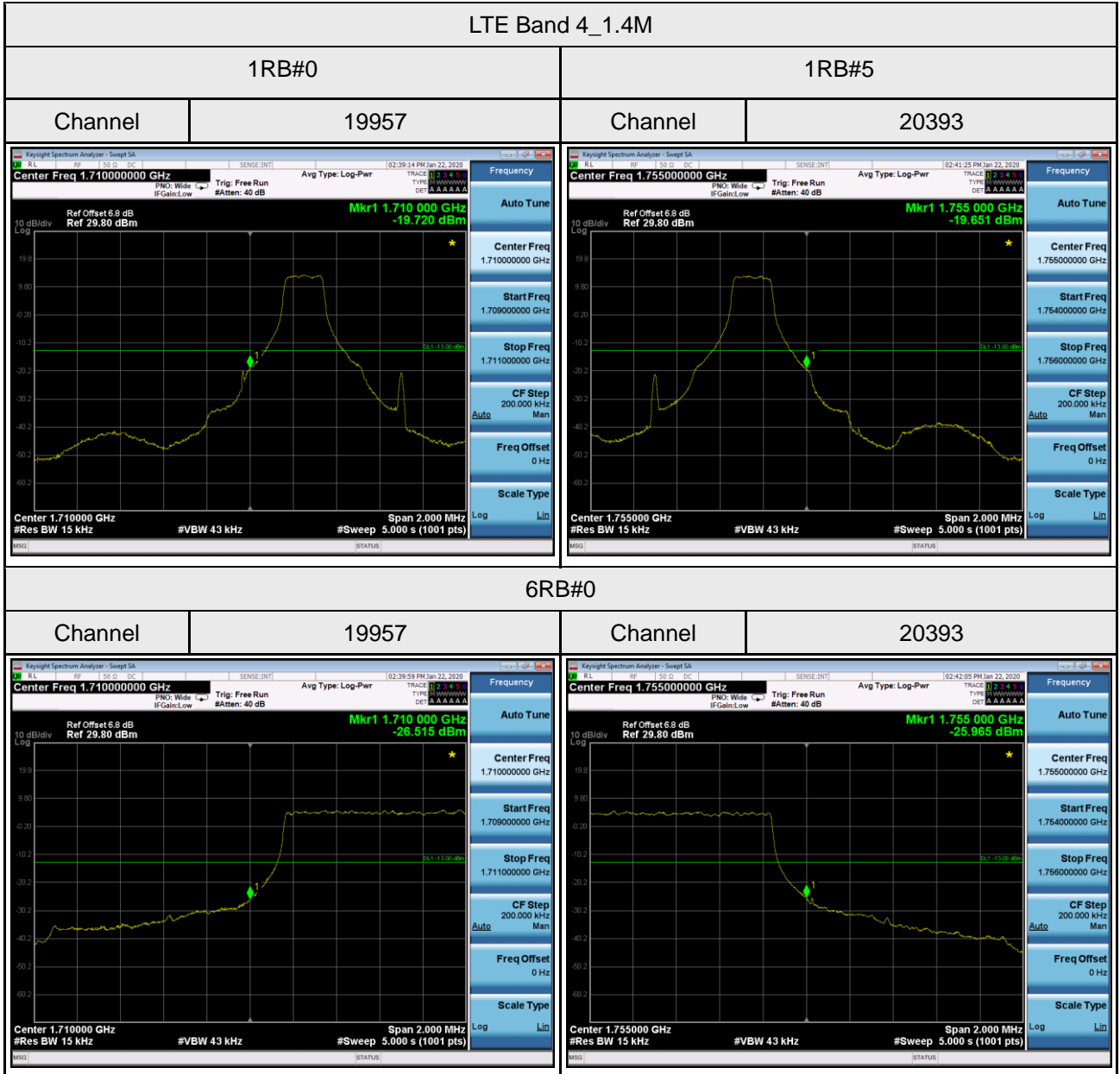
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3472.180	-57.40	-13.98	-71.38	-13.00	-58.38	peak	
2	*	5208.270	-57.75	-8.73	-66.48	-13.00	-53.48	peak	

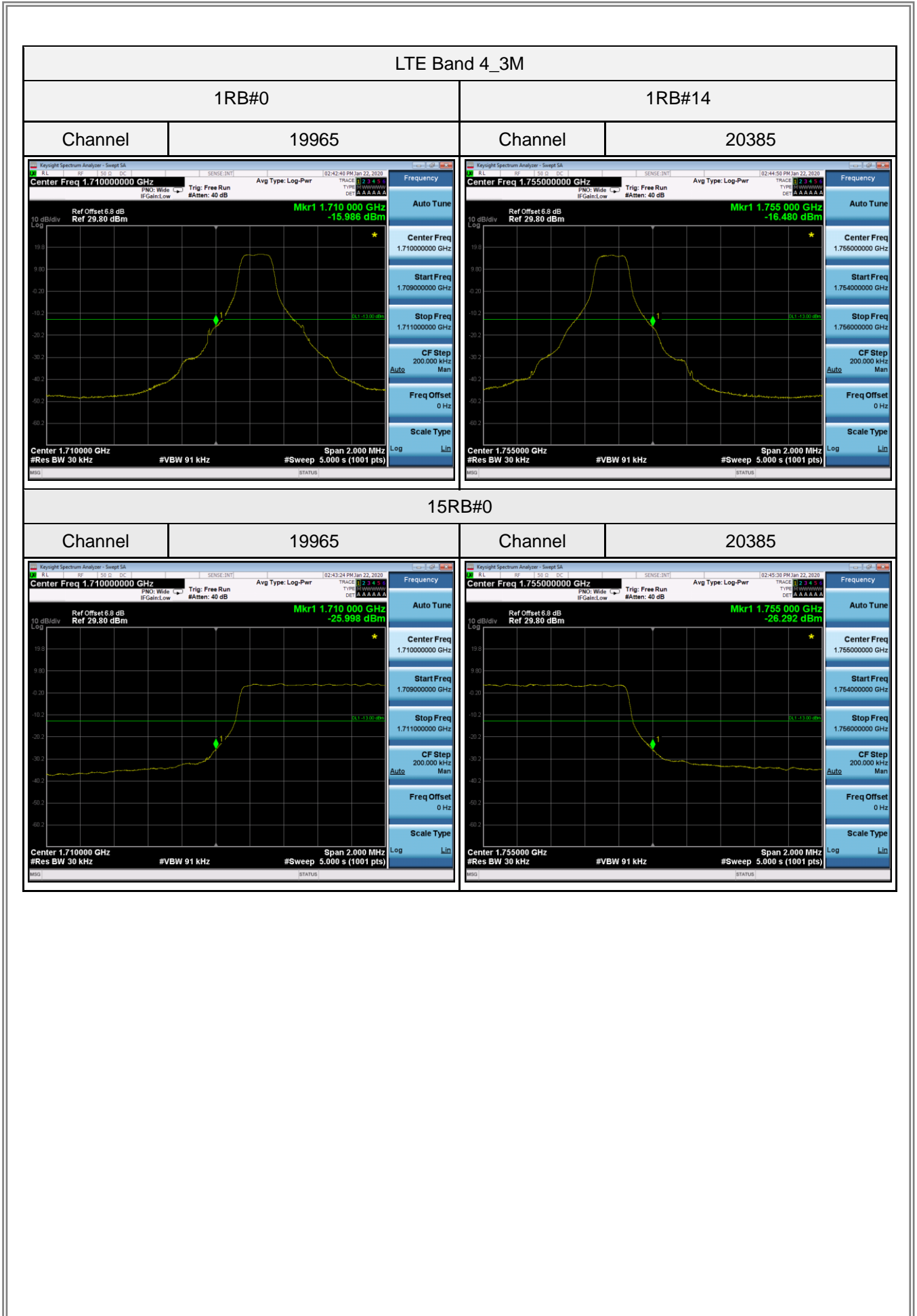
Test Mode: LTE Band 66_TX CH132322_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3472.180	-57.29	-13.98	-71.27	-13.00	-58.27	peak	
2	*	5208.270	-57.58	-8.73	-66.31	-13.00	-53.31	peak	

APPENDIX F - BAND EDGE





LTE Band 4_5M

1RB#0

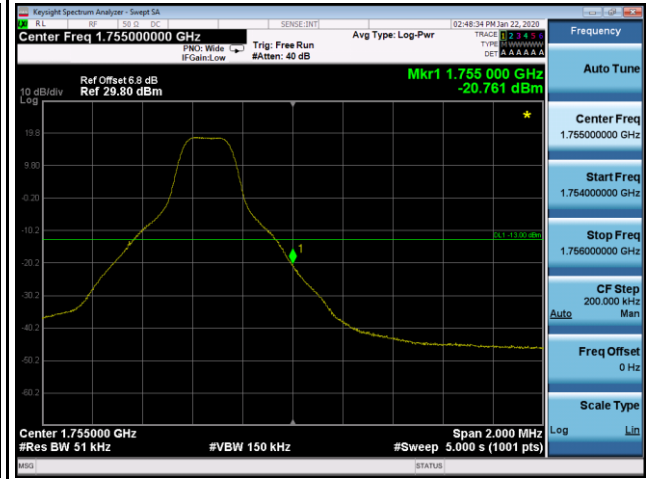
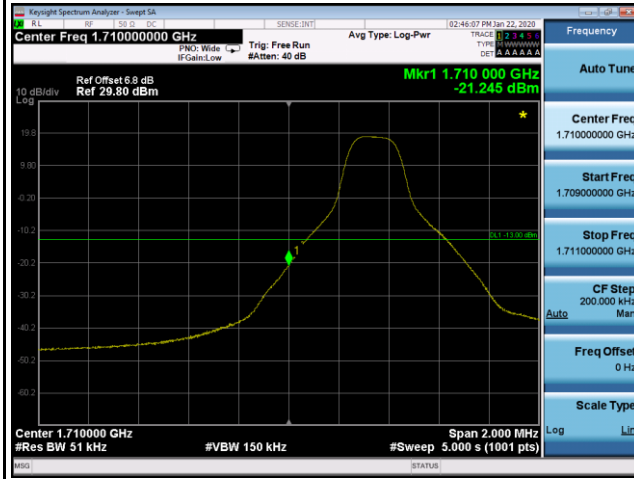
1RB#24

Channel

19975

Channel

20375



25RB#0

Channel

19975

Channel

20375

