

Spectrum Plot

QPSK-26840



QPSK-26915



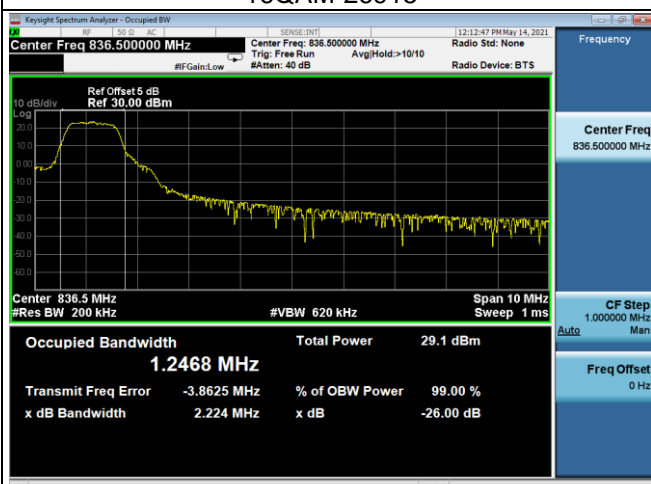
QPSK-26990



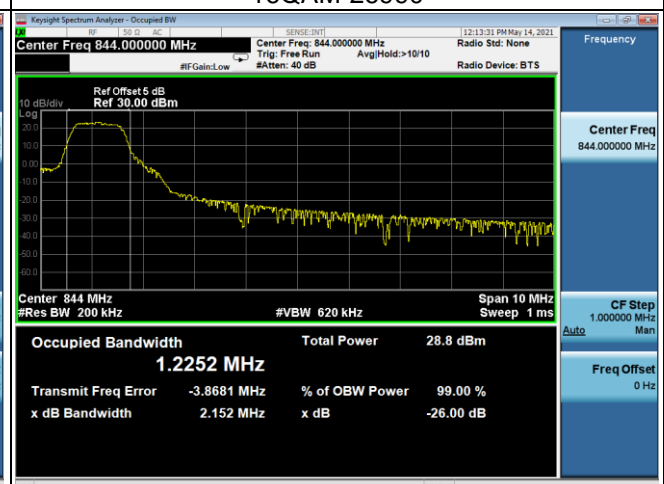
16QAM-26840



16QAM-26915



16QAM-26990



LTE Band 26_15M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26865	831.5	1.5675	26865	831.5	2.662
26915	836.5	1.5701	26915	836.5	2.555
26965	841.5	1.5438	26965	841.5	2.495
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26865	831.5	1.6597	26865	831.5	2.792
26915	836.5	1.4292	26915	836.5	2.504
26965	841.5	1.3903	26965	841.5	2.474

Spectrum Plot

QPSK-26865



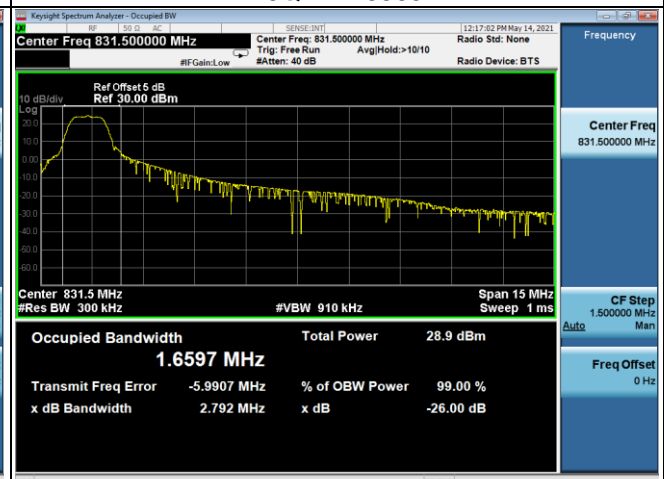
QPSK-26915



QPSK-26965



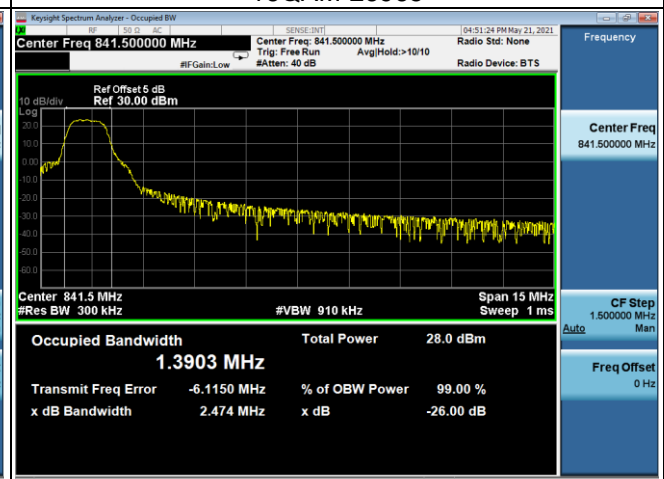
16QAM-26865



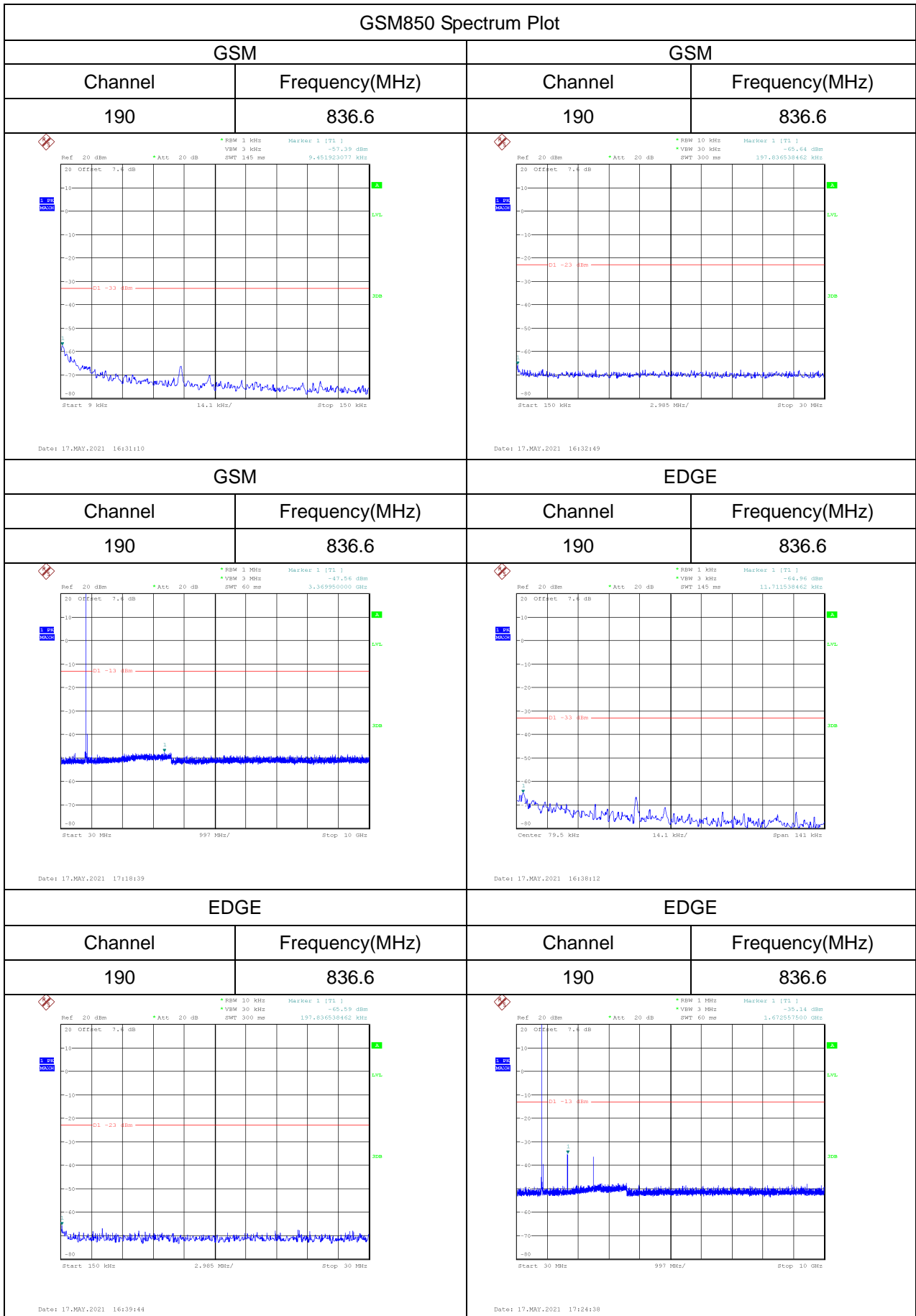
16QAM-26915

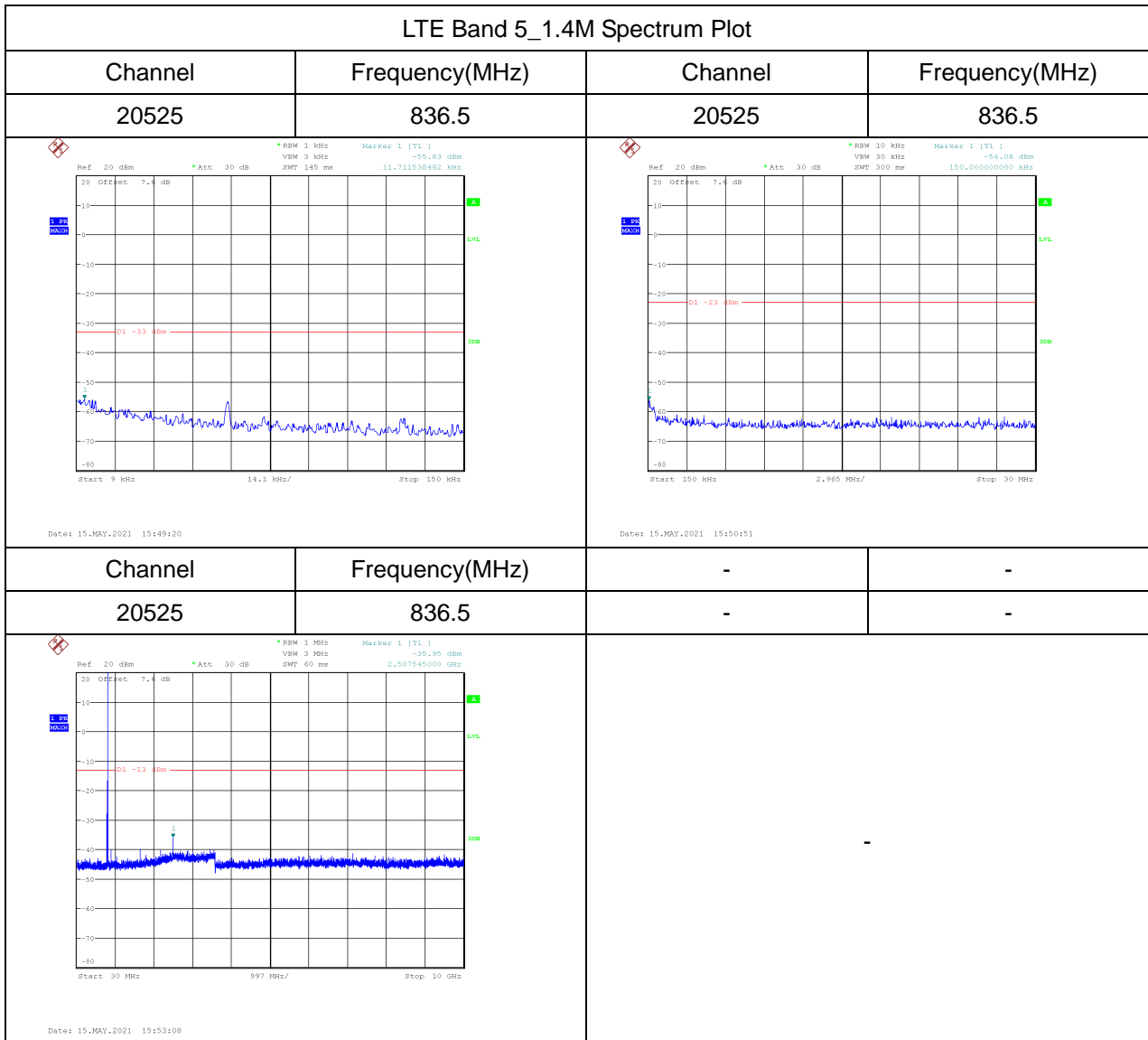


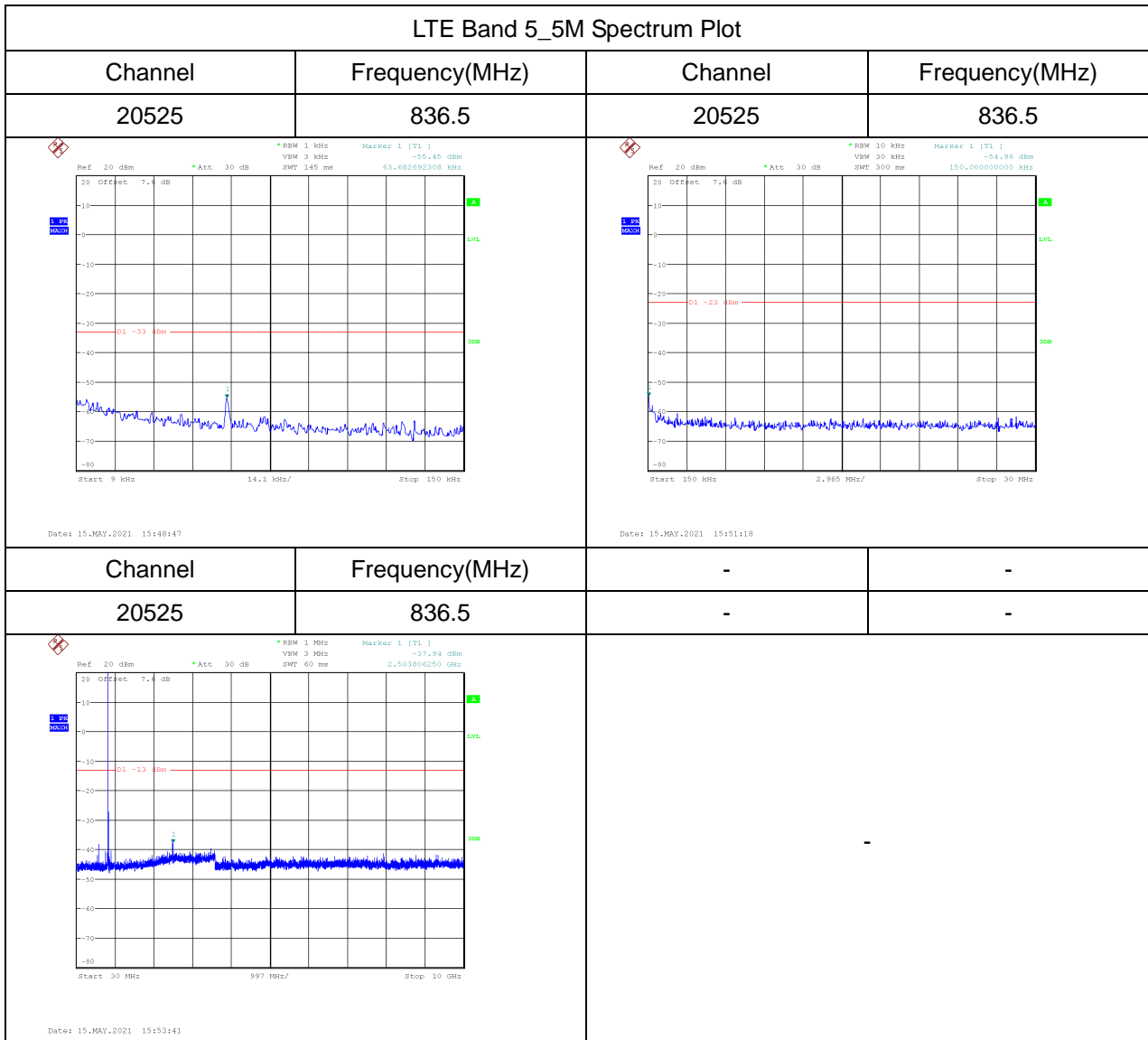
16QAM-26965

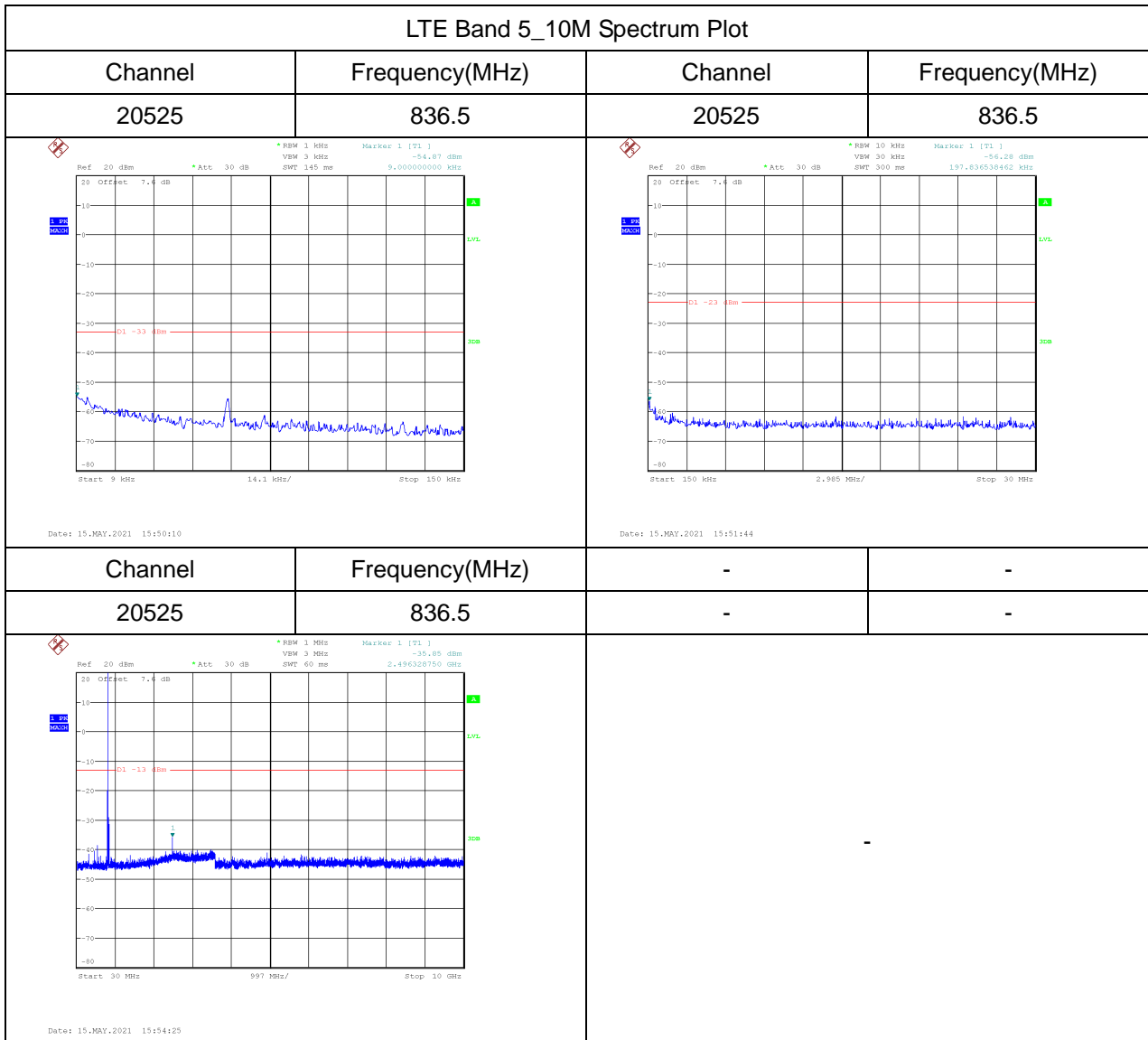


APPENDIX C - CONDUCTED SPURIOUS EMISSIONS



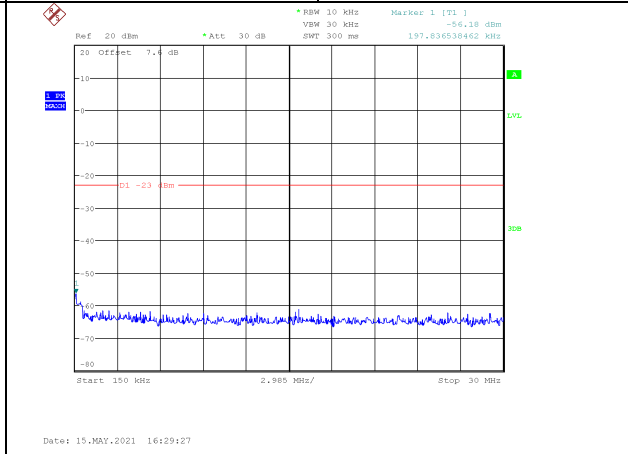
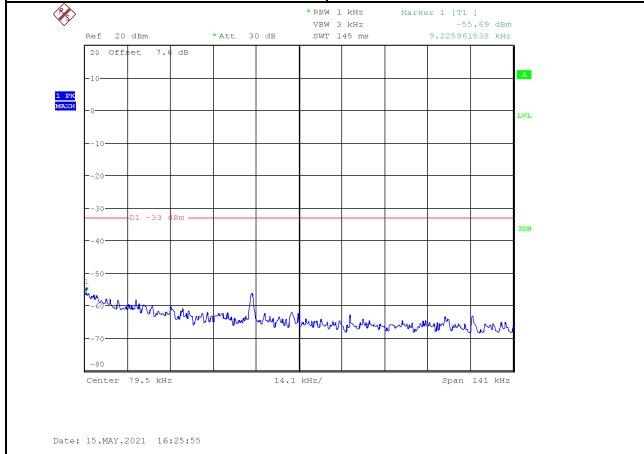




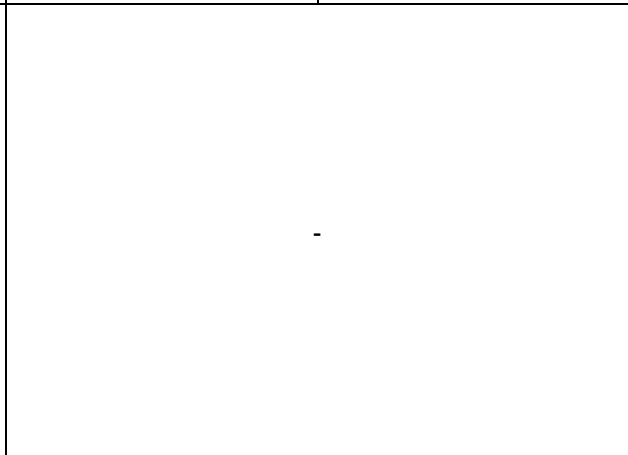
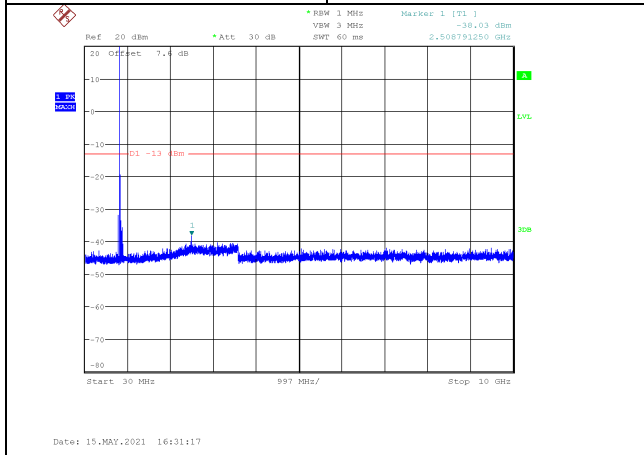


LTE Band 26_1.4M Spectrum Plot

Channel	Frequency(MHz)	Channel	Frequency(MHz)
26915	836.5	26915	836.5



Channel	Frequency(MHz)	-	-
26915	836.5	-	-



LTE Band 26_5M Spectrum Plot

Channel	Frequency(MHz)	Channel	Frequency(MHz)
26915	836.5	26915	836.5
Date: 15.MAY.2021 16:26:24		Date: 15.MAY.2021 16:28:52	
Channel	Frequency(MHz)	-	-
26915	836.5	-	-
		-	
Date: 15.MAY.2021 16:32:06			

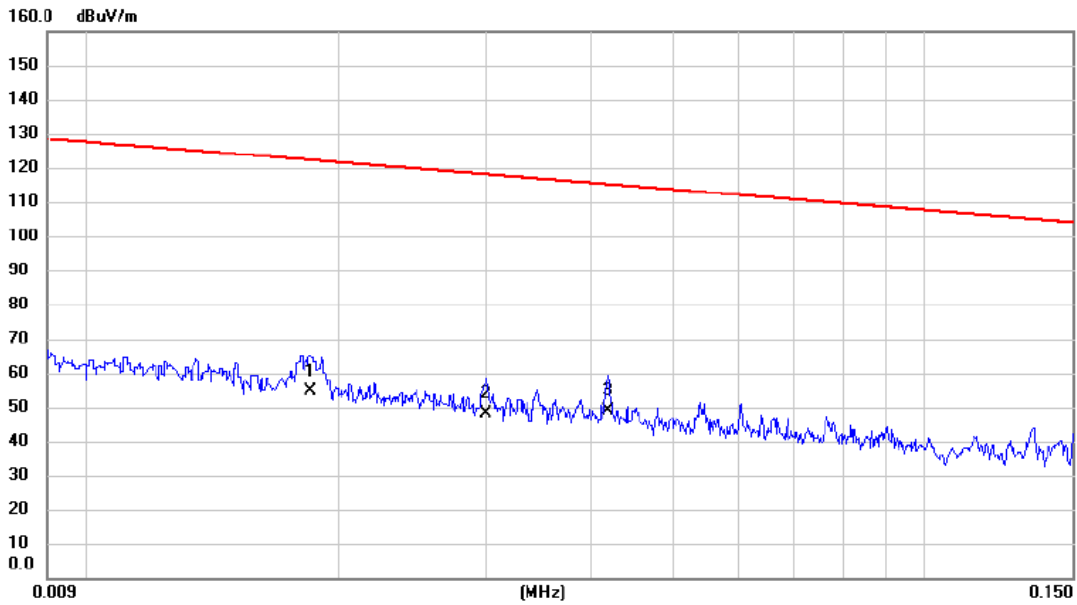
LTE Band 26_15M Spectrum Plot

Channel	Frequency(MHz)	Channel	Frequency(MHz)
26915	836.5	26915	836.5
Channel	Frequency(MHz)	-	-
26915	836.5	-	-
		-	

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

Test Mode TX Mode

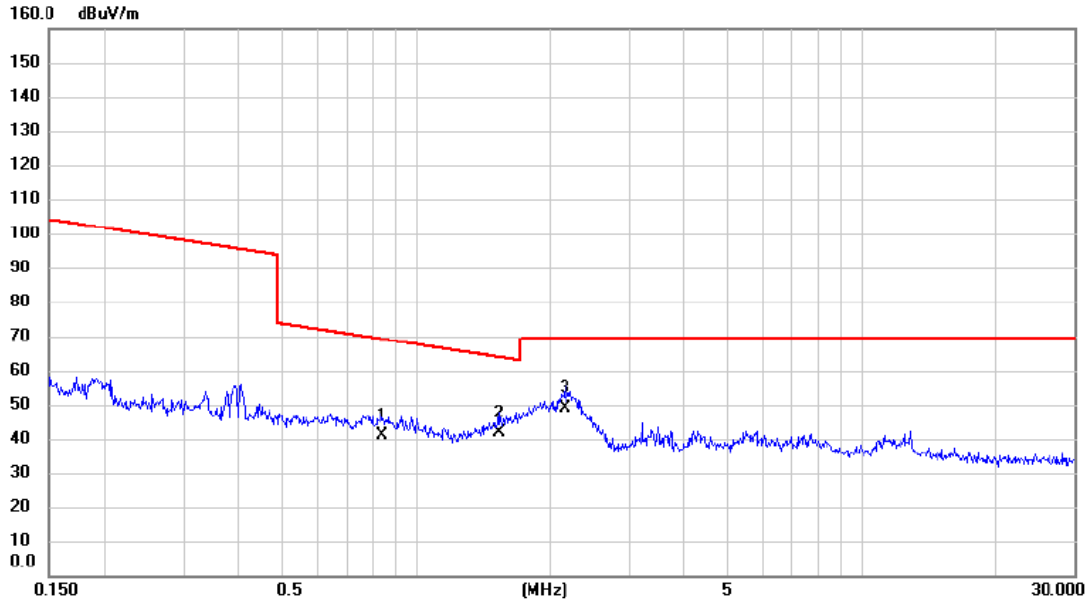
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		0.0185	40.88	13.68	54.56	122.26	-67.70	AVG	
2		0.0300	35.19	12.95	48.14	118.06	-69.92	AVG	
3	*	0.0420	36.24	12.63	48.87	115.14	-66.27	AVG	

Test Mode TX Mode

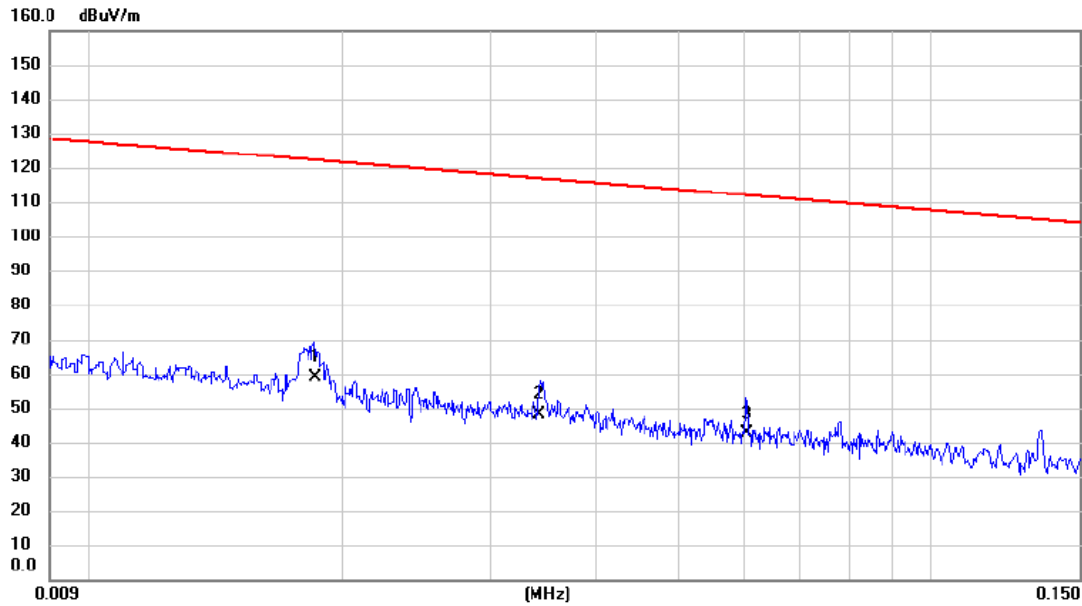
Ant 0°



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.8350	28.98	11.87	40.85	69.17	-28.32	QP	
2	1.5355	30.24	11.53	41.77	63.88	-22.11	QP	
3 *	2.1552	37.65	11.23	48.88	69.54	-20.66	QP	

Test Mode TX Mode

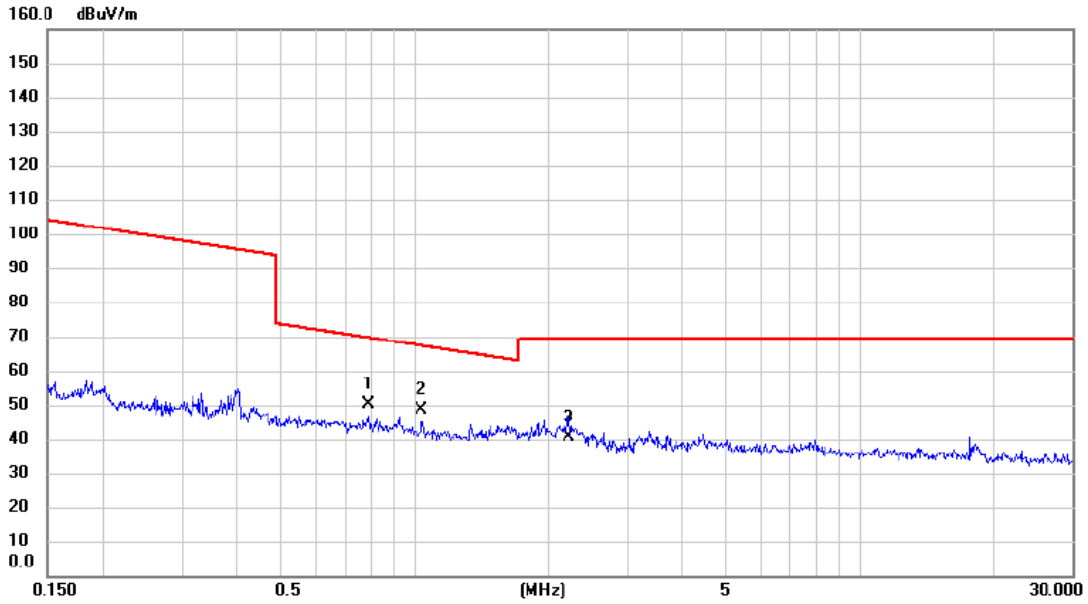
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	0.0186	45.18	13.65	58.83	122.21	-63.38	AVG	
2		0.0343	35.27	12.84	48.11	116.90	-68.79	AVG	
3		0.0603	30.06	12.48	42.54	112.00	-69.46	AVG	

Test Mode TX Mode

Ant 90°

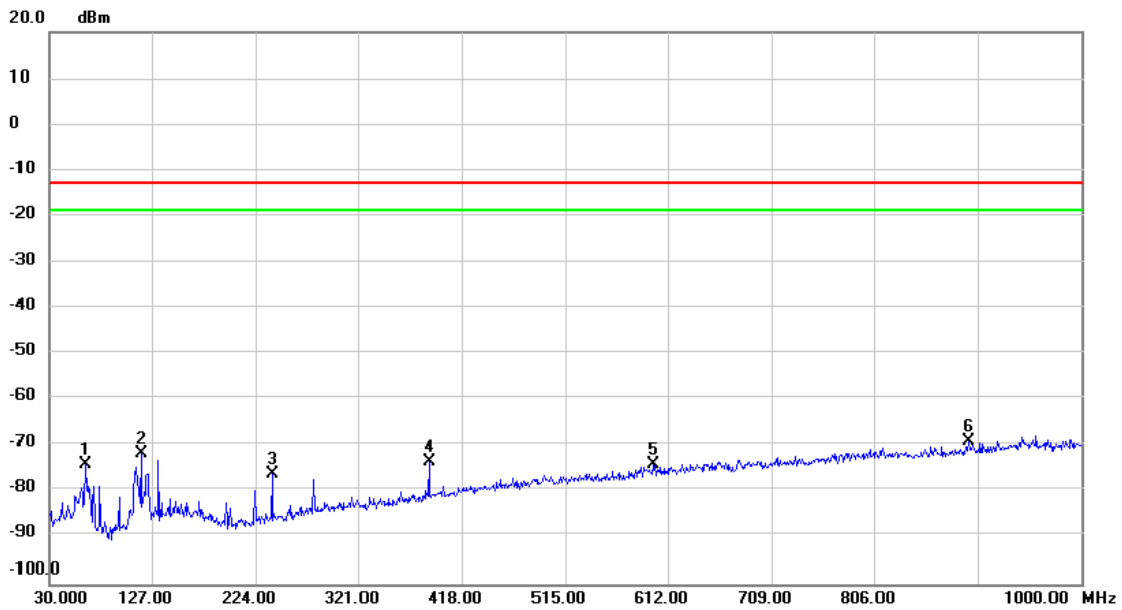


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.7876	38.41	11.88	50.29	69.68	-19.39	QP	
2	*	1.0374	36.74	11.78	48.52	67.29	-18.77	QP	
3		2.2250	29.25	11.20	40.45	69.54	-29.09	QP	

APPENDIX E - RADIATED SPURIOUS EMISSIONS (30MHZ TO 1000MHZ)

Test Mode GSM850_TX CH190_GSM

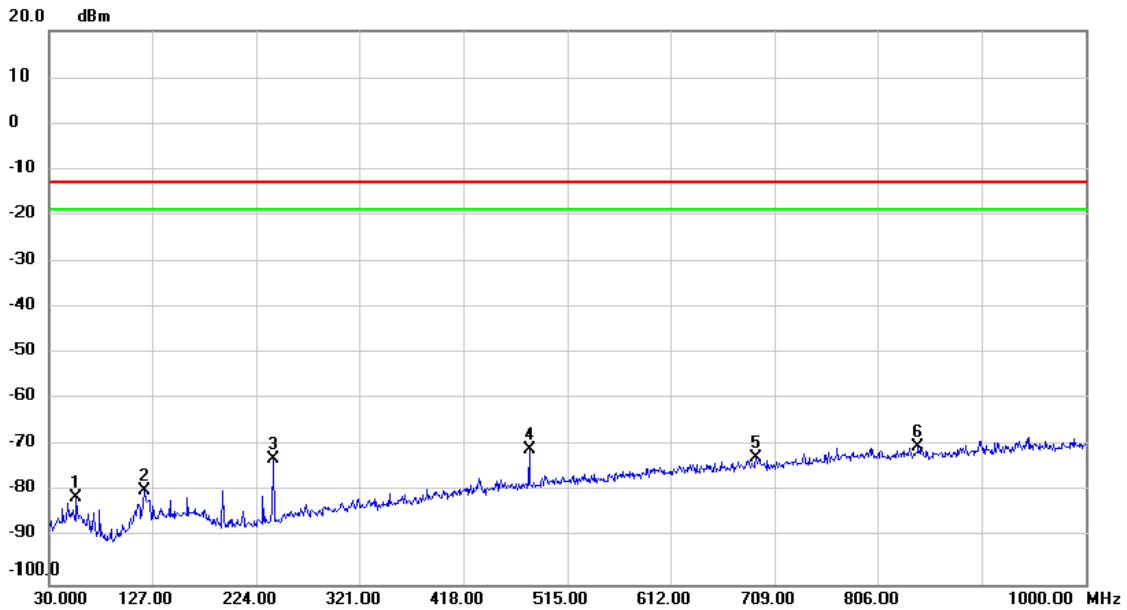
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		64.435	-58.78	-15.14	-73.92	-13.00	-60.92	peak	
2		116.815	-57.31	-14.44	-71.75	-13.00	-58.75	peak	
3		239.520	-62.80	-13.40	-76.20	-13.00	-63.20	peak	
4		386.960	-64.32	-9.09	-73.41	-13.00	-60.41	peak	
5		597.935	-69.37	-4.61	-73.98	-13.00	-60.98	peak	
6	*	894.755	-69.04	0.17	-68.87	-13.00	-55.87	peak	

Test Mode GSM850_TX CH190_GSM

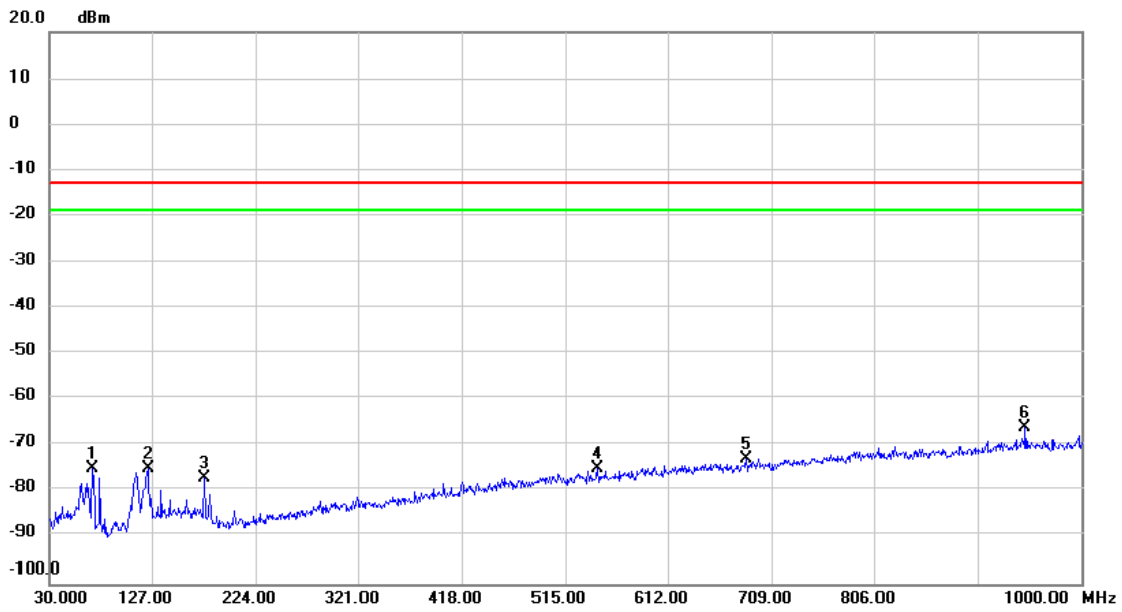
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		55.705	-67.08	-14.16	-81.24	-13.00	-68.24	peak	
2		119.725	-65.69	-14.18	-79.87	-13.00	-66.87	peak	
3		240.005	-59.43	-13.38	-72.81	-13.00	-59.81	peak	
4		480.080	-63.85	-6.88	-70.73	-13.00	-57.73	peak	
5		692.025	-69.32	-3.18	-72.50	-13.00	-59.50	peak	
6	*	843.345	-69.53	-0.66	-70.19	-13.00	-57.19	peak	

Test Mode LTE Band 5_TX CH20525_1.4M

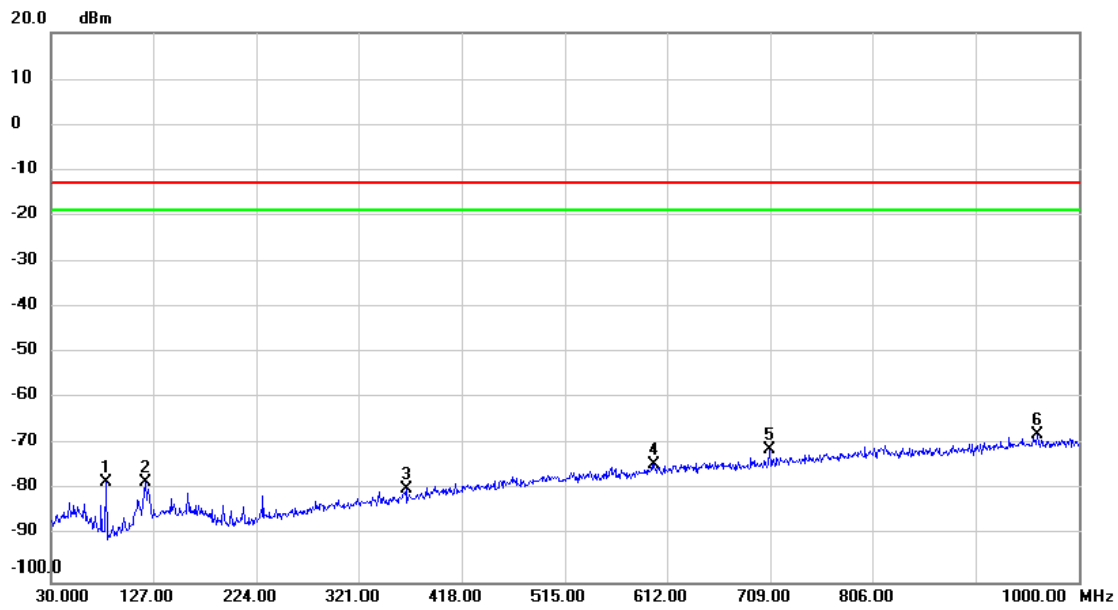
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		71.225	-58.37	-16.48	-74.85	-13.00	-61.85	peak	
2		123.120	-61.18	-13.92	-75.10	-13.00	-62.10	peak	
3		175.985	-63.68	-13.22	-76.90	-13.00	-63.90	peak	
4		545.070	-69.12	-5.96	-75.08	-13.00	-62.08	peak	
5		684.750	-69.45	-3.27	-72.72	-13.00	-59.72	peak	
6	*	948.105	-67.75	1.74	-66.01	-13.00	-53.01	peak	

Test Mode LTE Band 5_TX CH20525_1.4M

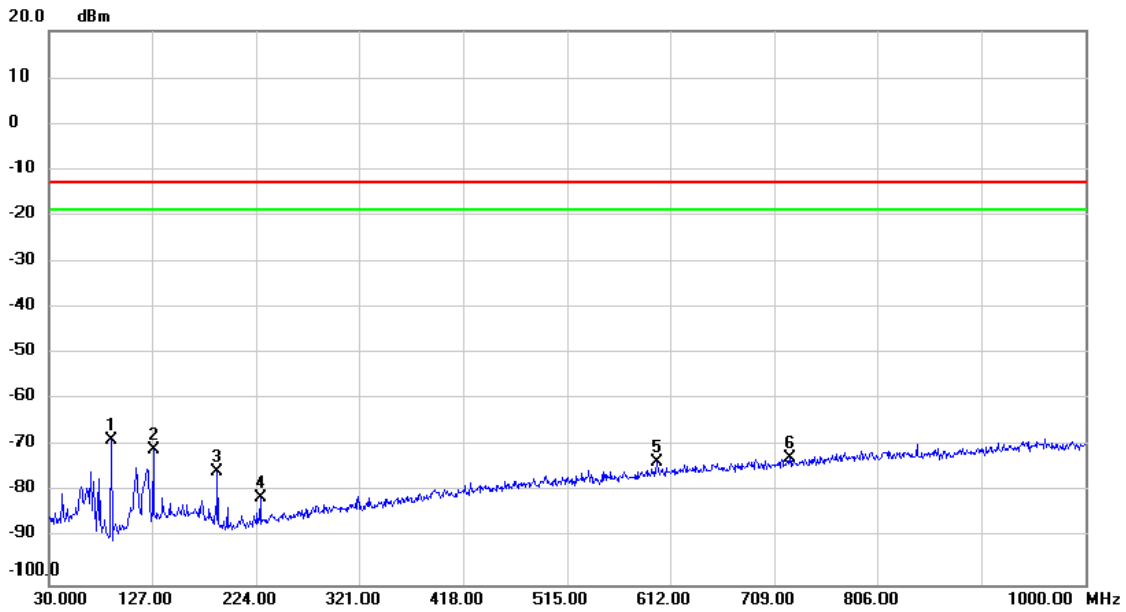
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		82.865	-59.66	-18.55	-78.21	-13.00	-65.21	peak	
2		120.210	-64.09	-14.15	-78.24	-13.00	-65.24	peak	
3		365.135	-70.07	-9.61	-79.68	-13.00	-66.68	peak	
4		599.875	-69.71	-4.55	-74.26	-13.00	-61.26	peak	
5		708.515	-68.19	-2.88	-71.07	-13.00	-58.07	peak	
6	*	961.200	-69.52	1.81	-67.71	-13.00	-54.71	peak	

Test Mode LTE Band 5_TX CH20525_5M

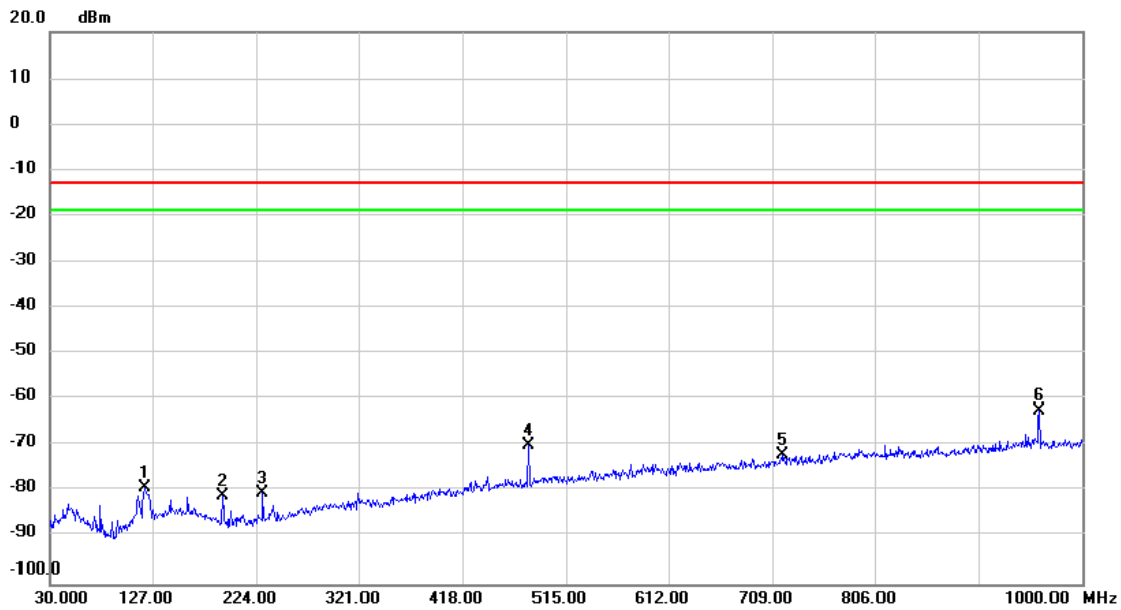
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	88.200	-50.17	-18.55	-68.72	-13.00	-55.72	peak	
2		128.455	-57.17	-13.51	-70.68	-13.00	-57.68	peak	
3		187.625	-61.00	-14.63	-75.63	-13.00	-62.63	peak	
4		227.880	-67.16	-14.12	-81.28	-13.00	-68.28	peak	
5		599.875	-69.05	-4.55	-73.60	-13.00	-60.60	peak	
6		724.035	-70.13	-2.53	-72.66	-13.00	-59.66	peak	

Test Mode LTE Band 5_TX CH20525_5M

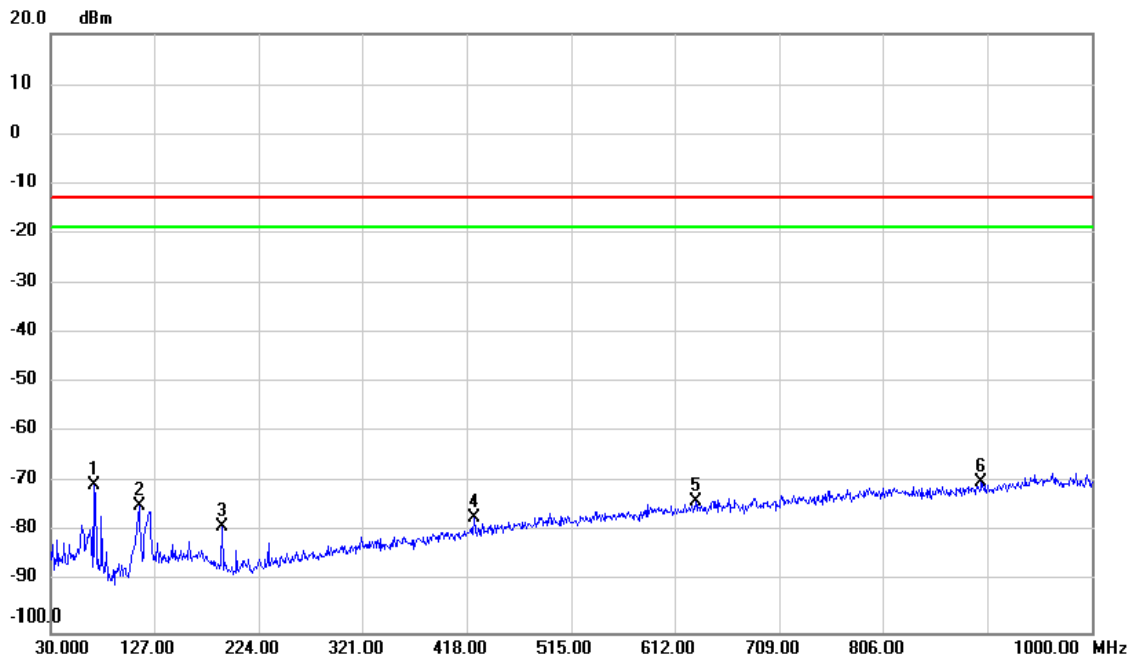
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	119.725	-64.83	-14.18	-79.01	-13.00	-66.01	peak	
2	191.990	-65.85	-15.03	-80.88	-13.00	-67.88	peak	
3	230.305	-66.55	-13.92	-80.47	-13.00	-67.47	peak	
4	480.080	-63.02	-6.88	-69.90	-13.00	-56.90	peak	
5	718.700	-69.41	-2.65	-72.06	-13.00	-59.06	peak	
6 *	960.230	-64.08	1.81	-62.27	-13.00	-49.27	peak	

Test Mode LTE Band 5_TX CH20525_10M

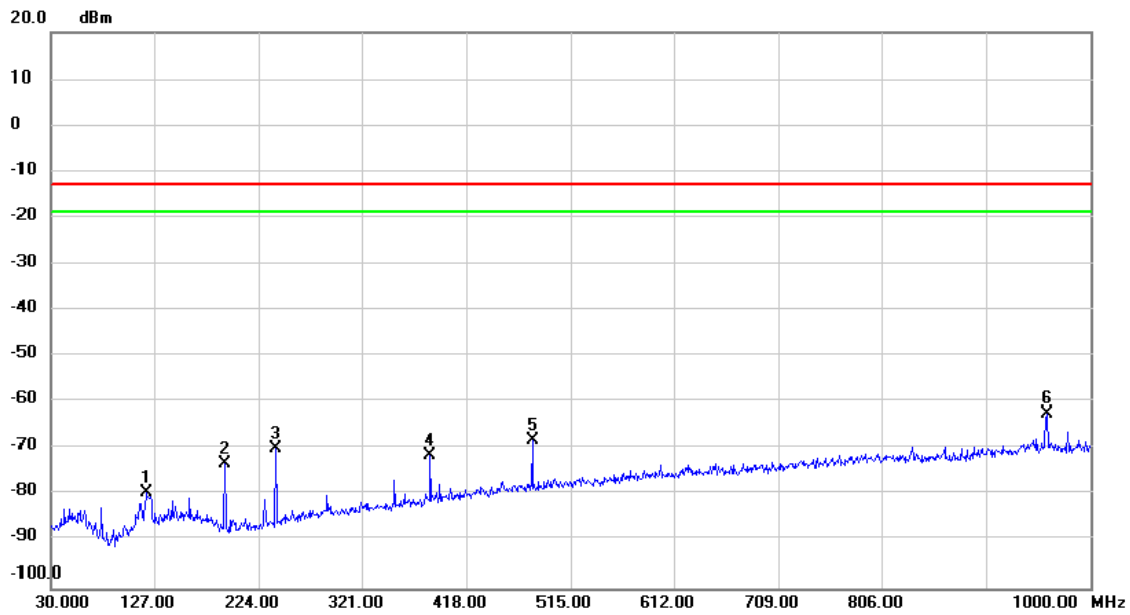
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		70.255	-54.19	-16.27	-70.46	-13.00	-57.46	peak	
2		112.935	-59.98	-14.78	-74.76	-13.00	-61.76	peak	
3		189.565	-63.96	-14.88	-78.84	-13.00	-65.84	peak	
4		424.790	-68.94	-8.10	-77.04	-13.00	-64.04	peak	
5		631.400	-69.72	-4.04	-73.76	-13.00	-60.76	peak	
6	*	897.665	-70.14	0.23	-69.91	-13.00	-56.91	peak	

Test Mode LTE Band 5_TX CH20525_10M

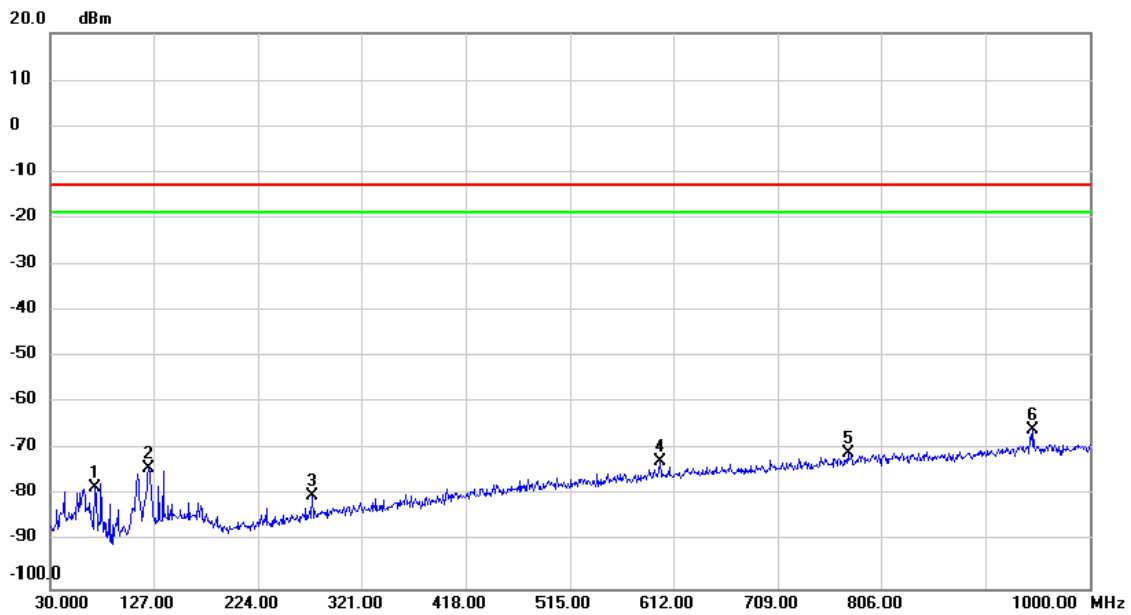
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.725	-65.28	-14.18	-79.46	-13.00	-66.46	peak	
2		191.990	-58.25	-15.03	-73.28	-13.00	-60.28	peak	
3		240.005	-56.35	-13.38	-69.73	-13.00	-56.73	peak	
4		384.050	-62.10	-9.15	-71.25	-13.00	-58.25	peak	
5		480.080	-61.24	-6.88	-68.12	-13.00	-55.12	peak	
6	*	960.230	-64.23	1.81	-62.42	-13.00	-49.42	peak	

Test Mode LTE Band 26_TX CH26915_1.4M

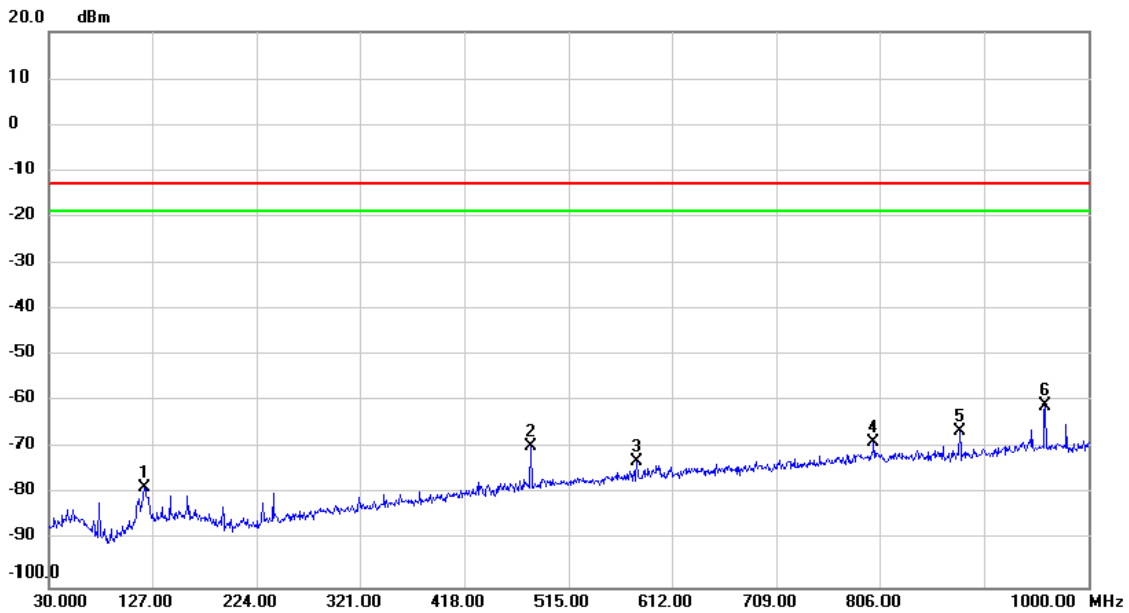
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		71.710	-61.78	-16.60	-78.38	-13.00	-65.38	peak	
2		122.150	-59.98	-13.99	-73.97	-13.00	-60.97	peak	
3		274.440	-68.09	-11.91	-80.00	-13.00	-67.00	peak	
4		599.875	-68.03	-4.55	-72.58	-13.00	-59.58	peak	
5		774.960	-69.31	-1.32	-70.63	-13.00	-57.63	peak	
6	*	948.105	-67.37	1.74	-65.63	-13.00	-52.63	peak	

Test Mode	LTE Band 26_TX CH26915_1.4M
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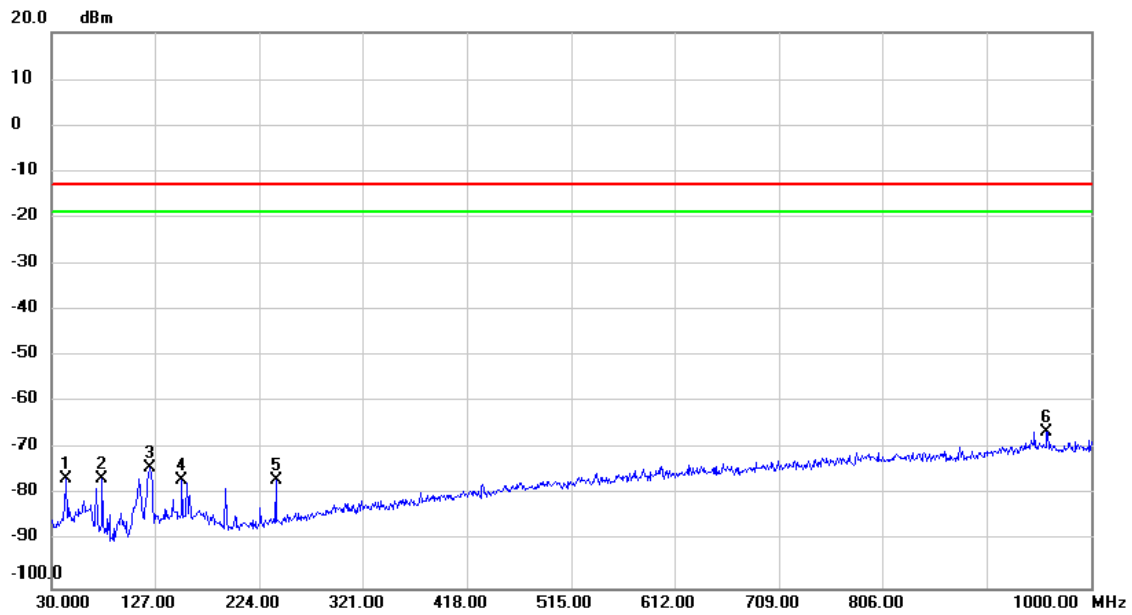
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		119.240	-64.38	-14.22	-78.60	-13.00	-65.60	peak	
2		480.080	-62.72	-6.88	-69.60	-13.00	-56.60	peak	
3		579.020	-67.86	-5.11	-72.97	-13.00	-59.97	peak	
4		800.180	-68.02	-0.68	-68.70	-13.00	-55.70	peak	
5		880.205	-66.05	-0.09	-66.14	-13.00	-53.14	peak	
6	*	960.230	-62.54	1.81	-60.73	-13.00	-47.73	peak	

Test Mode LTE Band 26_TX CH26915_5M

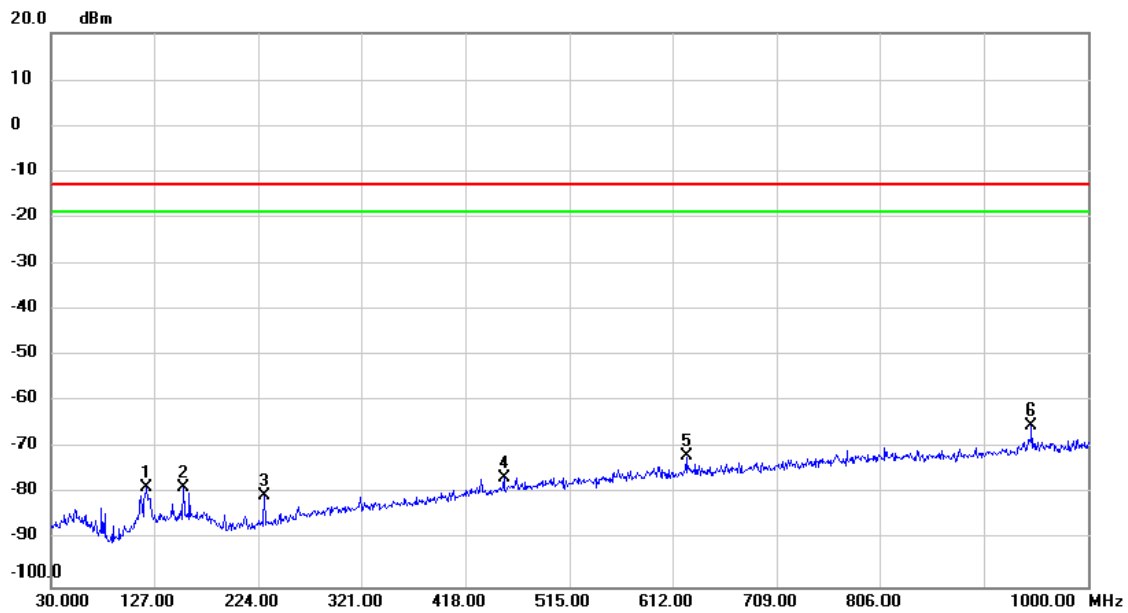
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		44.065	-62.63	-13.95	-76.58	-13.00	-63.58	peak	
2		77.530	-58.51	-17.86	-76.37	-13.00	-63.37	peak	
3		122.635	-60.12	-13.95	-74.07	-13.00	-61.07	peak	
4		152.705	-64.28	-12.56	-76.84	-13.00	-63.84	peak	
5		240.005	-63.38	-13.38	-76.76	-13.00	-63.76	peak	
6	*	959.745	-67.93	1.81	-66.12	-13.00	-53.12	peak	

Test Mode LTE Band 26_TX CH26915_5M

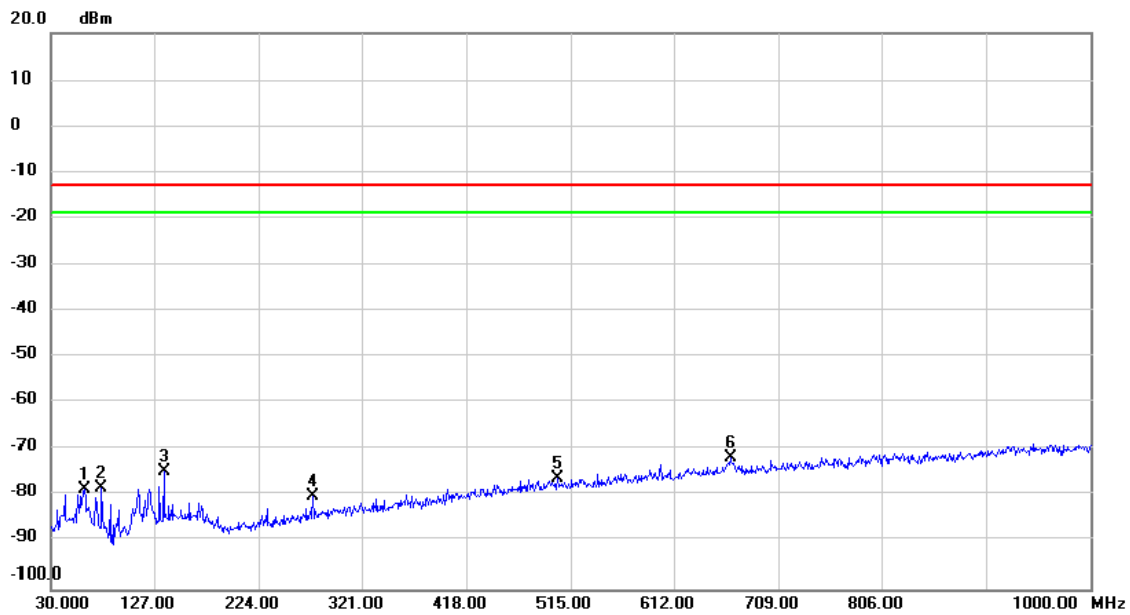
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		120.210	-64.45	-14.15	-78.60	-13.00	-65.60	peak	
2		154.160	-66.08	-12.51	-78.59	-13.00	-65.59	peak	
3		230.305	-66.46	-13.92	-80.38	-13.00	-67.38	peak	
4		454.375	-69.12	-7.32	-76.44	-13.00	-63.44	peak	
5		625.095	-67.66	-4.14	-71.80	-13.00	-58.80	peak	
6	*	948.105	-66.86	1.74	-65.12	-13.00	-52.12	peak	

Test Mode LTE Band 26_TX CH26915_15M

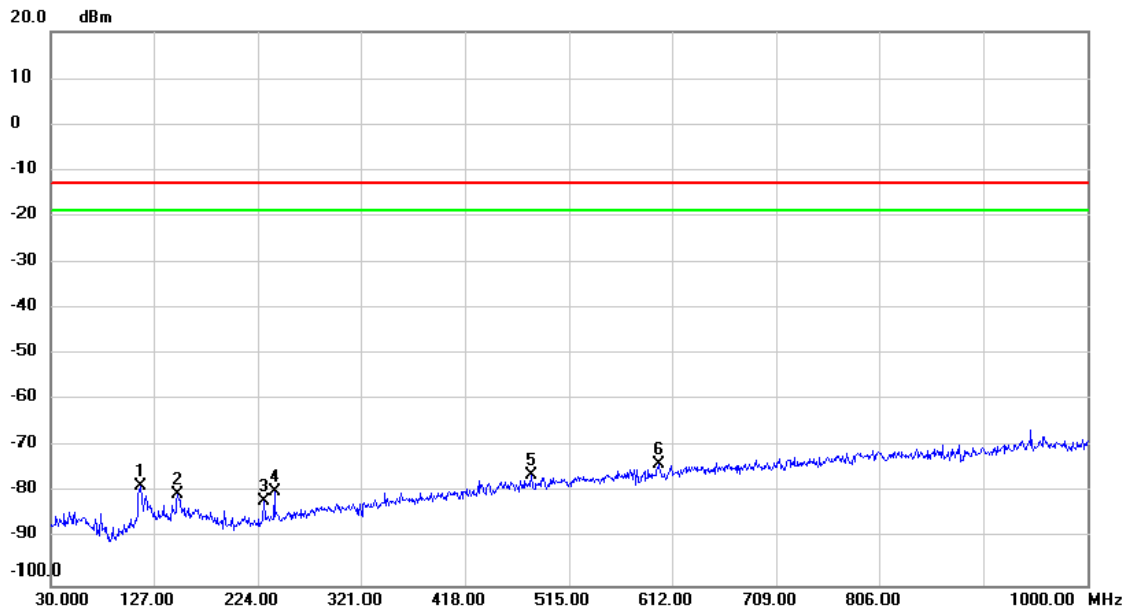
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		61.525	-63.90	-14.69	-78.59	-13.00	-65.59	peak	
2		77.530	-60.42	-17.86	-78.28	-13.00	-65.28	peak	
3		136.215	-61.57	-13.08	-74.65	-13.00	-61.65	peak	
4		274.440	-68.09	-11.91	-80.00	-13.00	-67.00	peak	
5		502.390	-69.52	-6.51	-76.03	-13.00	-63.03	peak	
6	*	663.895	-68.06	-3.55	-71.61	-13.00	-58.61	peak	

Test Mode LTE Band 26_TX CH26915_15M

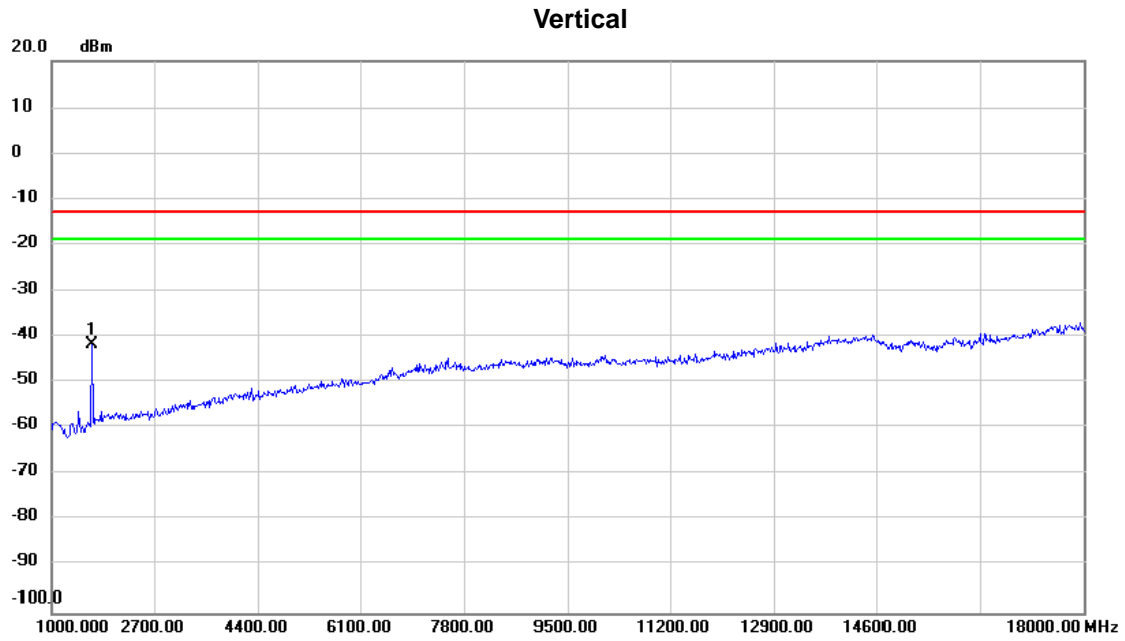
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		114.390	-63.91	-14.65	-78.56	-13.00	-65.56	peak	
2		149.795	-67.76	-12.63	-80.39	-13.00	-67.39	peak	
3		230.305	-67.87	-13.92	-81.79	-13.00	-68.79	peak	
4		240.005	-66.49	-13.38	-79.87	-13.00	-66.87	peak	
5		480.080	-69.22	-6.88	-76.10	-13.00	-63.10	peak	
6	*	599.875	-69.17	-4.55	-73.72	-13.00	-60.72	peak	

APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1000MHZ)

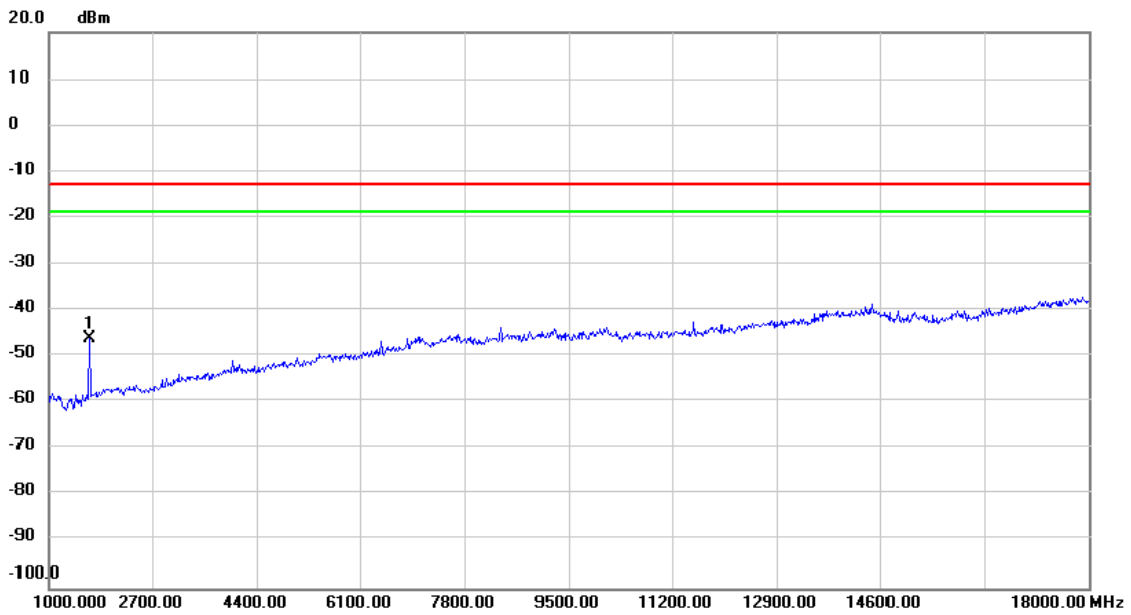
Test Mode GSM850_TX CH190_GSM



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1663.000	-36.50	-5.09	-41.59	-13.00	-28.59	peak	

Test Mode GSM850_TX CH190_GSM

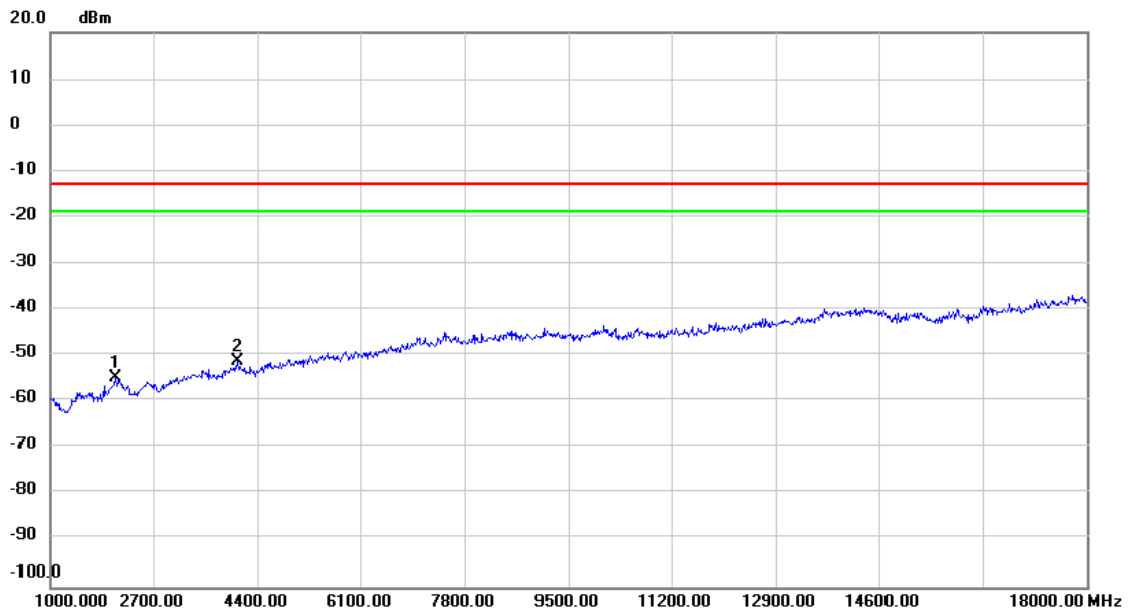
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1663.000	-40.94	-5.09	-46.03	-13.00	-33.03	peak	

Test Mode LTE Band 5_TX CH20525_1.4M

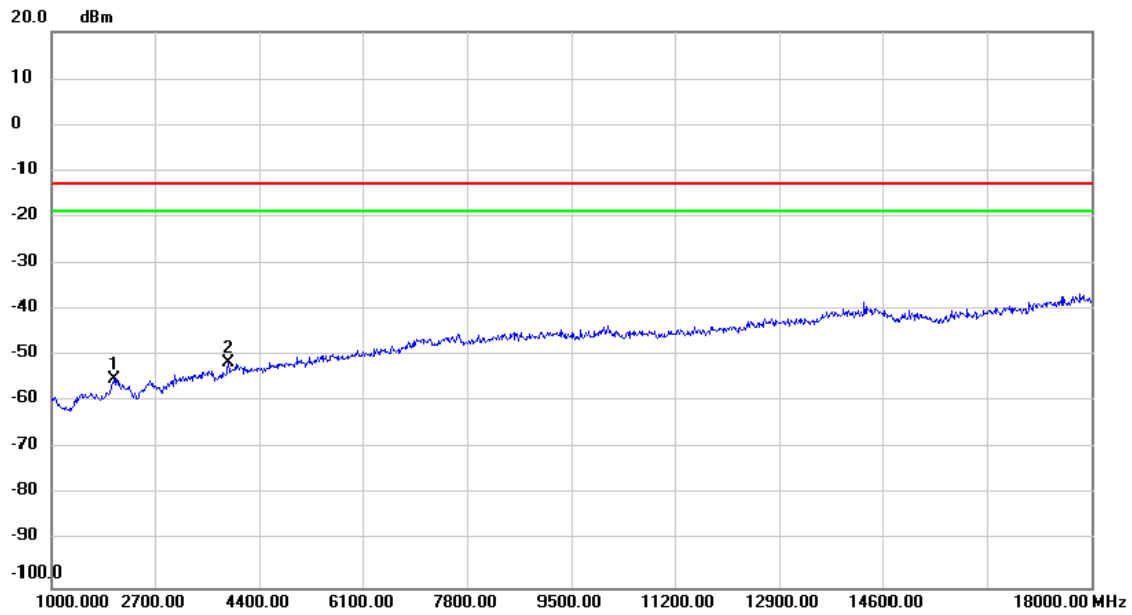
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		2079.500	-52.26	-2.70	-54.96	-13.00	-41.96	peak	
2	*	4060.000	-54.45	3.09	-51.36	-13.00	-38.36	peak	

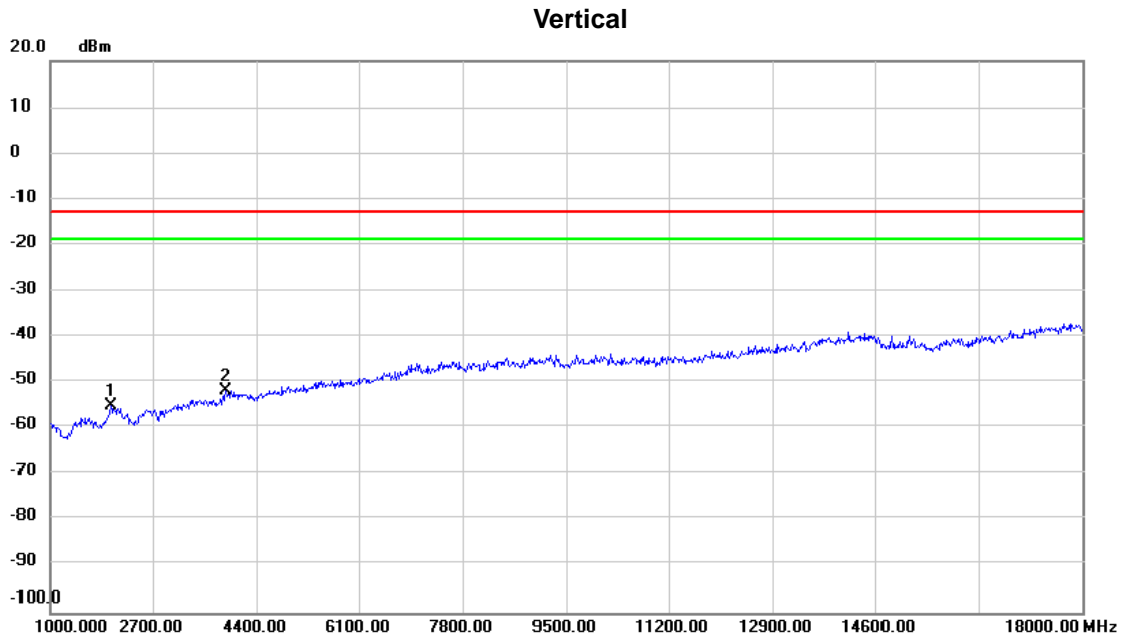
Test Mode LTE Band 5_TX CH20525_1.4M

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		2020.000	-52.57	-2.69	-55.26	-13.00	-42.26	peak	
2	*	3890.000	-54.30	2.65	-51.65	-13.00	-38.65	peak	

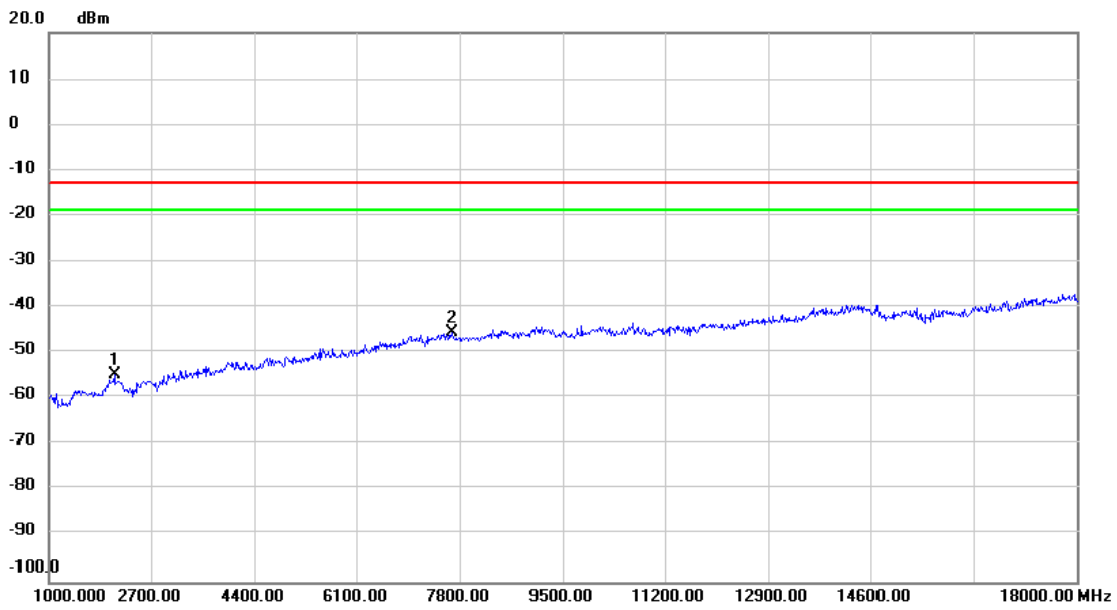
Test Mode | LTE Band 5_TX CH20525_5M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		2011.500	-52.38	-2.68	-55.06	-13.00	-42.06	peak	
2	*	3898.500	-54.58	2.67	-51.91	-13.00	-38.91	peak	

Test Mode LTE Band 5_TX CH20525_5M

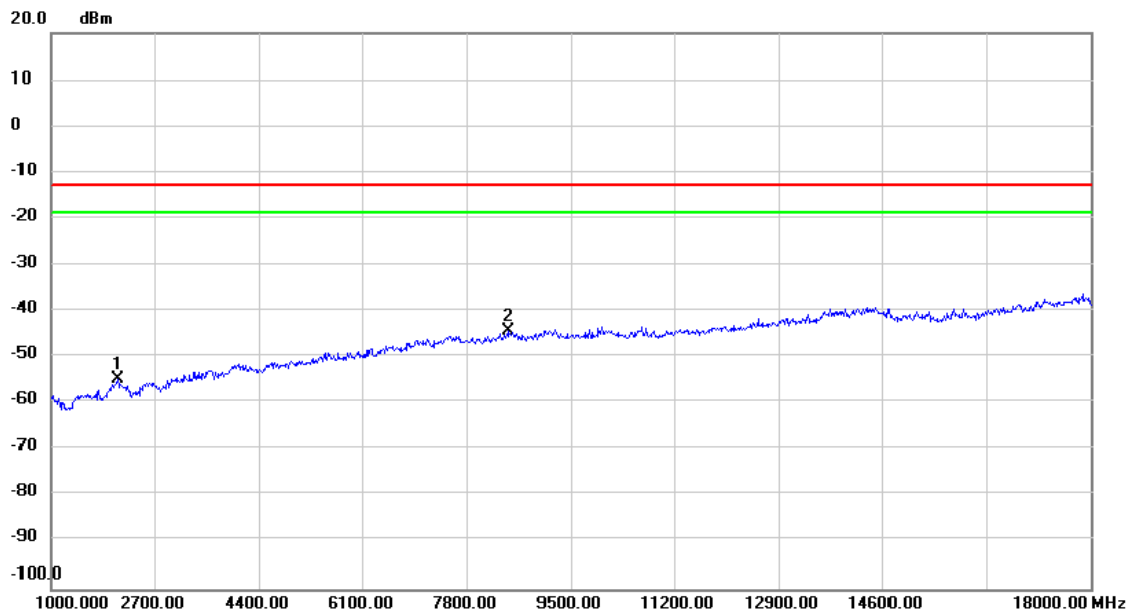
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		2096.500	-52.22	-2.71	-54.93	-13.00	-41.93	peak	
2	*	7672.500	-56.03	10.52	-45.51	-13.00	-32.51	peak	

Test Mode LTE Band 5_TX CH20525_10M

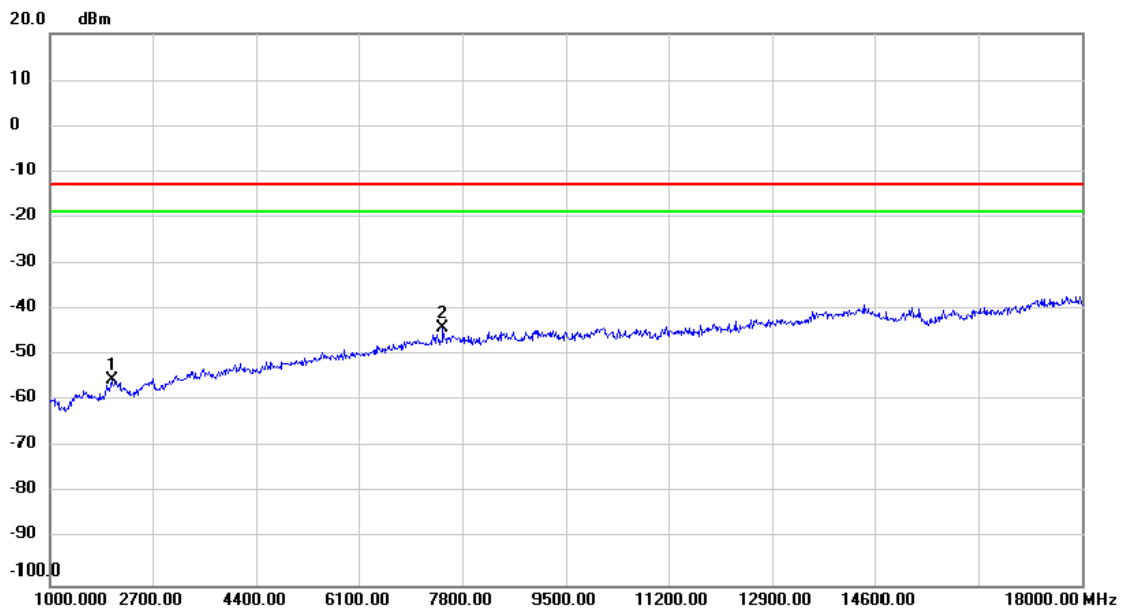
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		2096.500	-52.22	-2.71	-54.93	-13.00	-41.93	peak	
2	*	8488.500	-55.64	11.17	-44.47	-13.00	-31.47	peak	

Test Mode LTE Band 5_TX CH20525_10M

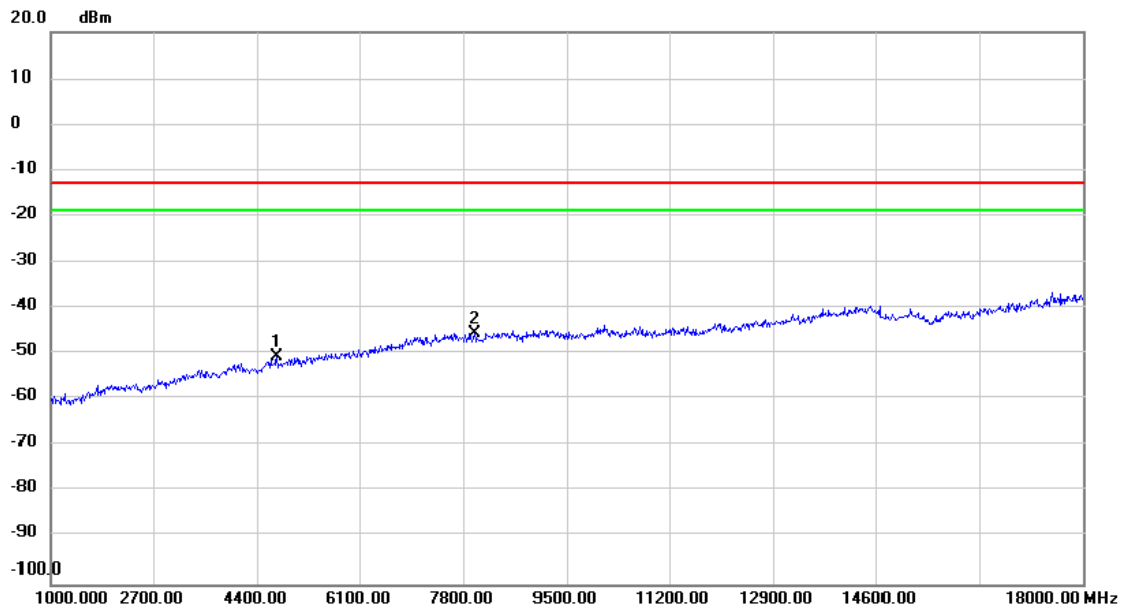
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		2028.500	-52.85	-2.70	-55.55	-13.00	-42.55	peak	
2	*	7477.000	-54.70	10.61	-44.09	-13.00	-31.09	peak	

Test Mode LTE Band 26_TX CH26915_1.4M

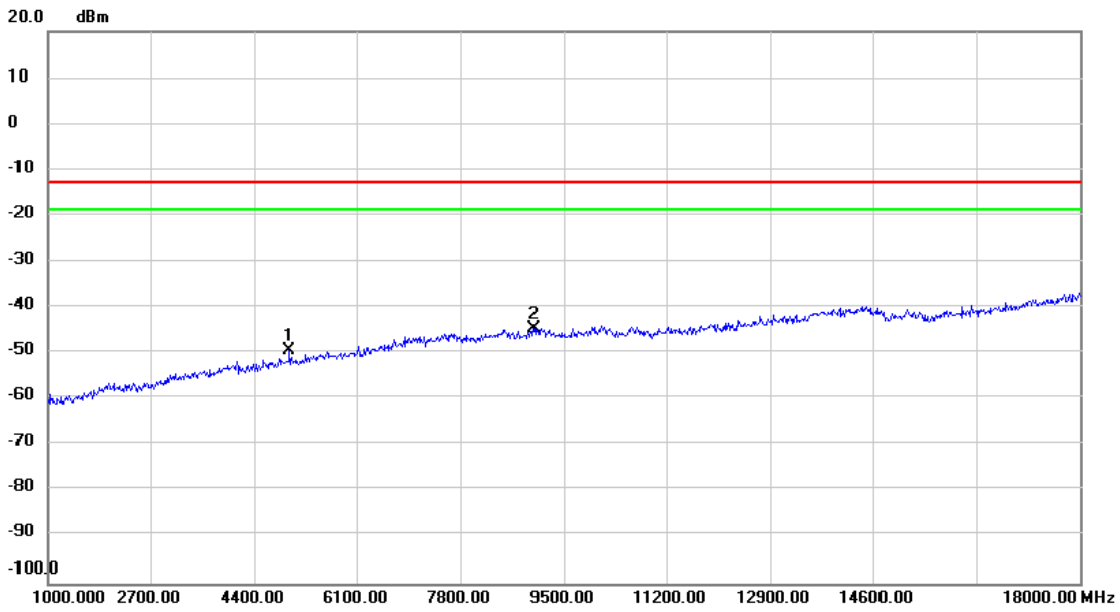
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		4723.000	-54.68	4.18	-50.50	-13.00	-37.50	peak	
2	*	7987.000	-55.88	10.30	-45.58	-13.00	-32.58	peak	

Test Mode LTE Band 26_TX CH26915_1.4M

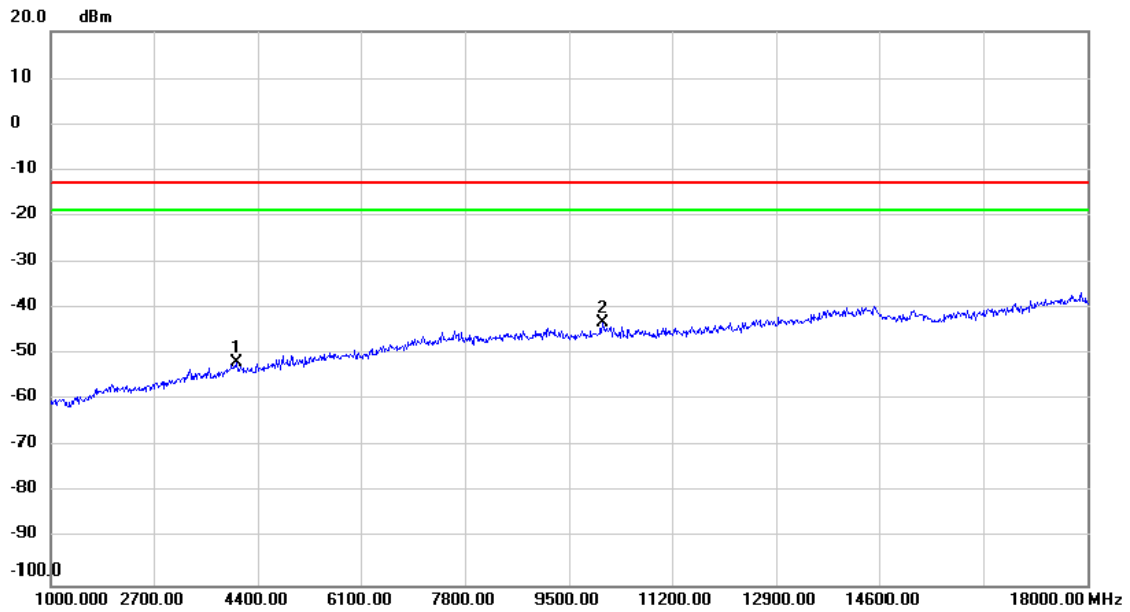
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		4986.500	-54.46	4.88	-49.58	-13.00	-36.58	peak	
2	*	9015.500	-56.08	11.52	-44.56	-13.00	-31.56	peak	

Test Mode LTE Band 26_TX CH26915_5M

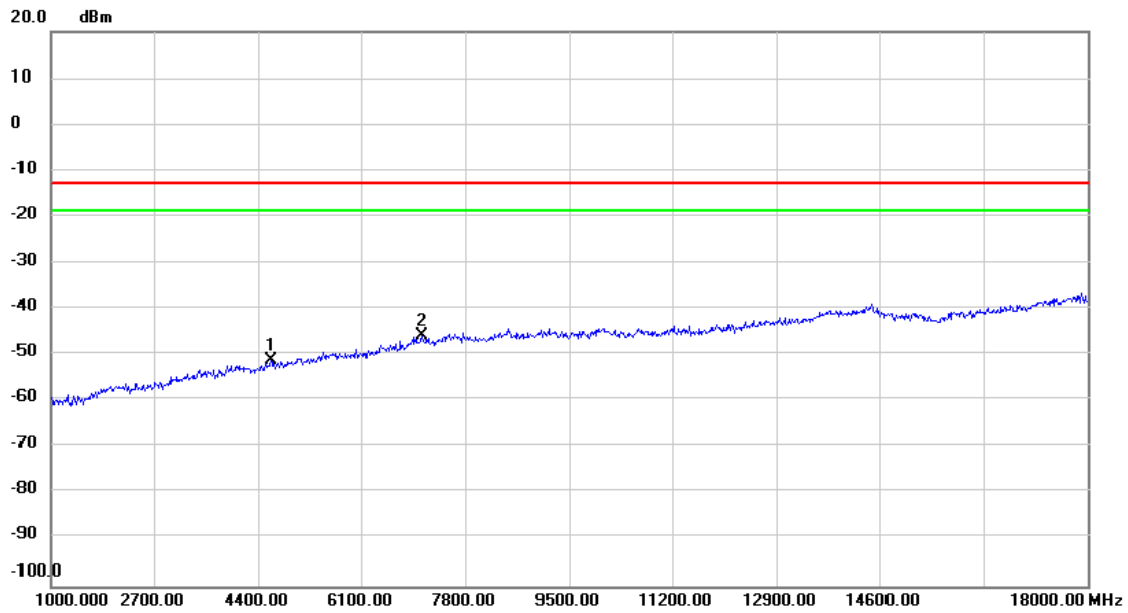
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		4051.500	-54.93	3.08	-51.85	-13.00	-38.85	peak	
2	*	10044.000	-55.38	12.09	-43.29	-13.00	-30.29	peak	

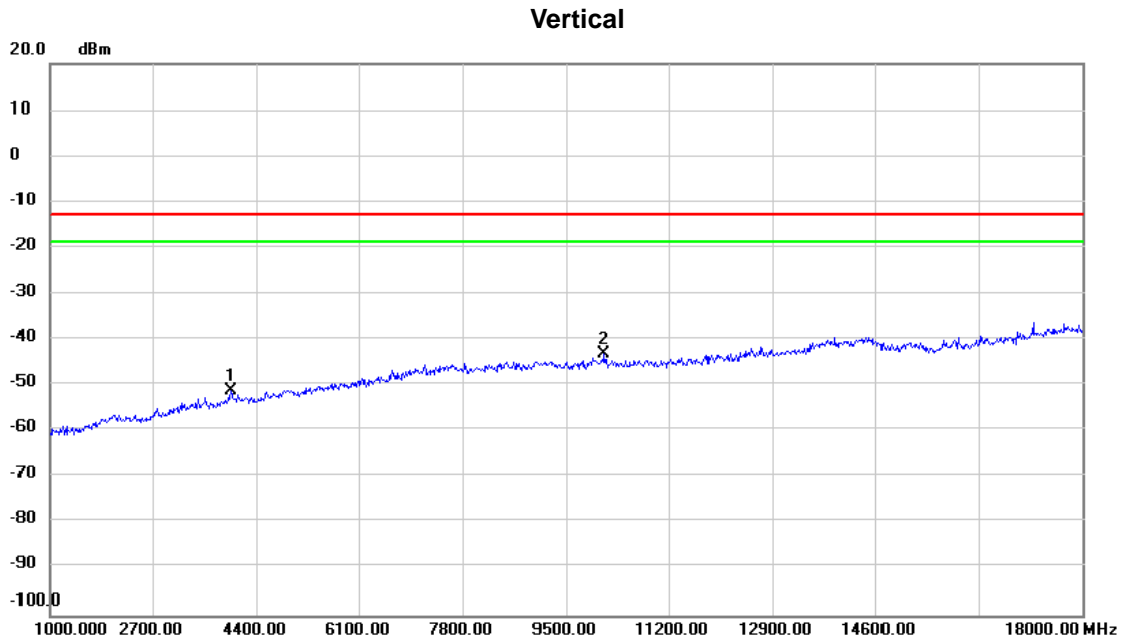
Test Mode LTE Band 26_TX CH26915_5M

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		4604.000	-55.00	3.86	-51.14	-13.00	-38.14	peak	
2	*	7086.000	-55.92	9.94	-45.98	-13.00	-32.98	peak	

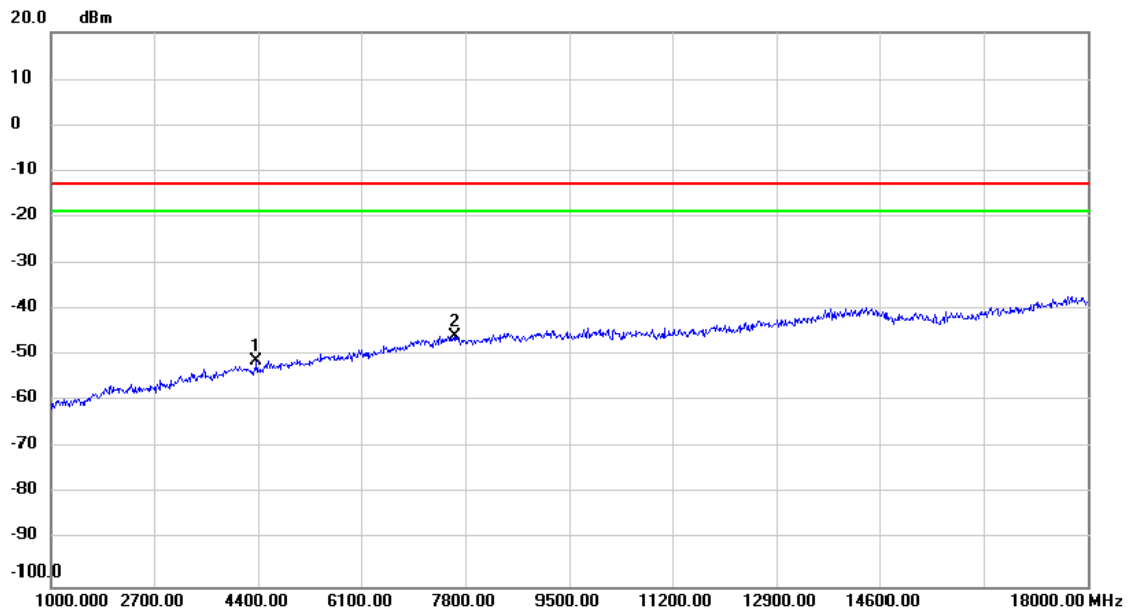
Test Mode LTE Band 26_TX CH26915_15M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3983.500	-54.23	2.96	-51.27	-13.00	-38.27	peak	
2	*	10129.000	-55.26	12.14	-43.12	-13.00	-30.12	peak	

Test Mode LTE Band 26_TX CH26915_15M

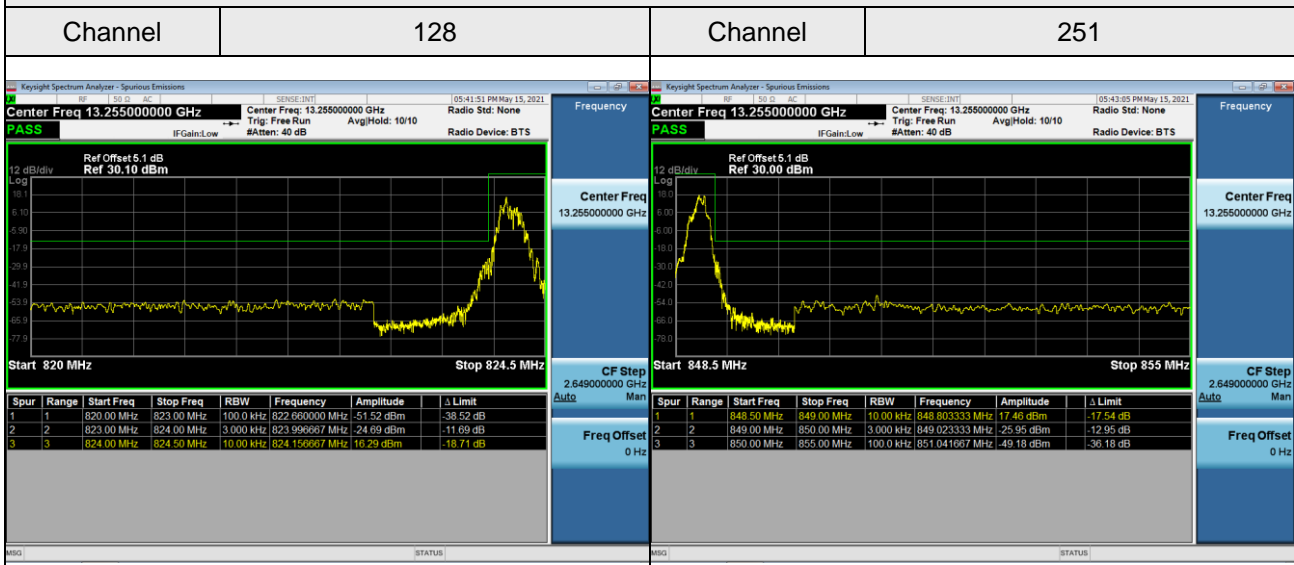
Horizontal



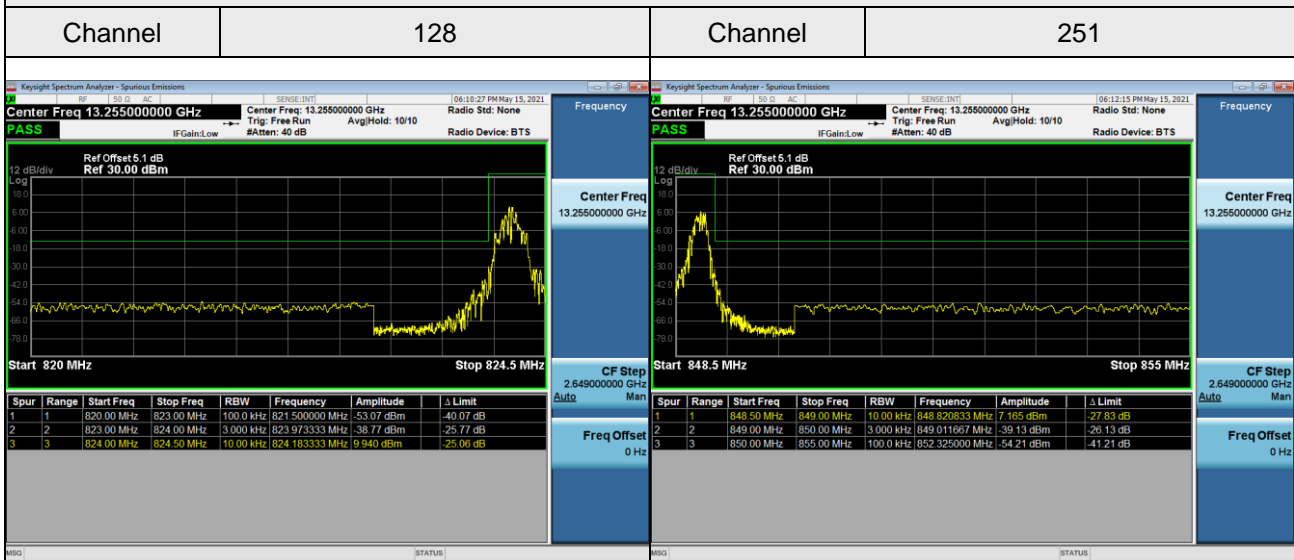
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		4374.500	-54.75	3.44	-51.31	-13.00	-38.31	peak	
2	*	7638.500	-56.25	10.53	-45.72	-13.00	-32.72	peak	

APPENDIX G - BAND EDGE

GSM850_GSM Spectrum Plot



GSM850_EDGE Spectrum Plot



LTE Band 5_1.4M Spectrum Plot

1RB#0

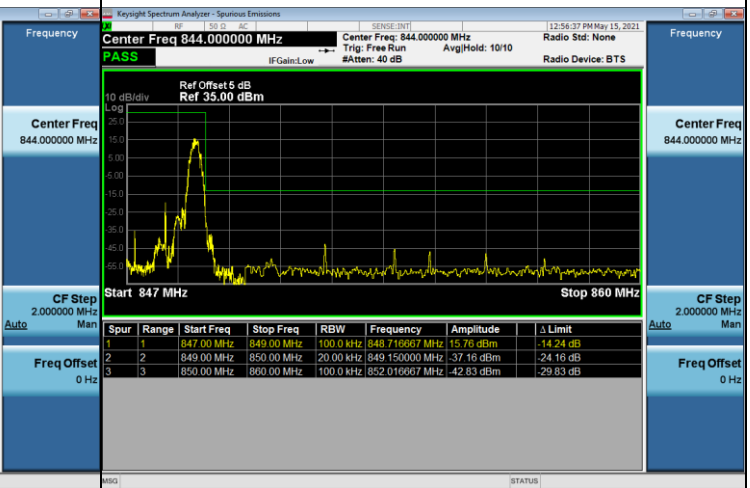
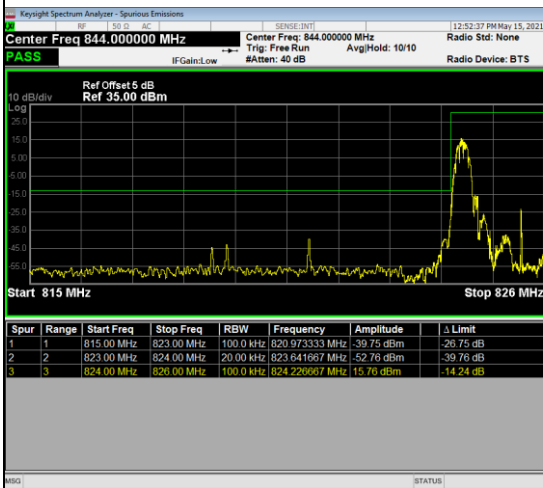
1RB#5

Channel

20407

Channel

20643



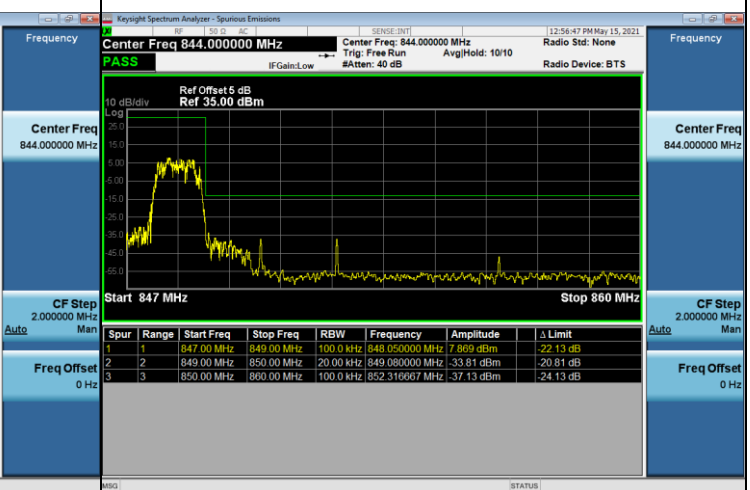
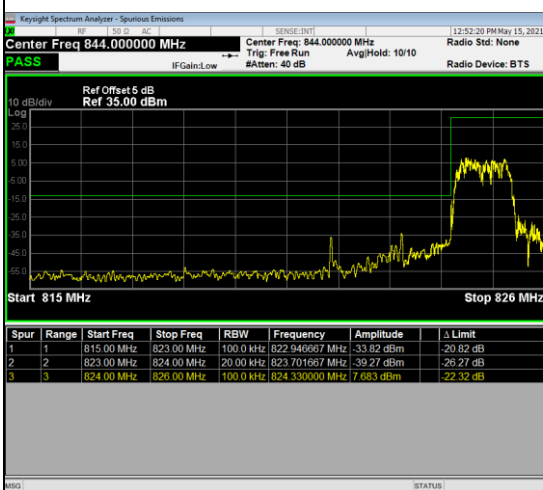
6RB#0

Channel

20407

Channel

20643



LTE Band 5_3M Spectrum Plot

1RB#0

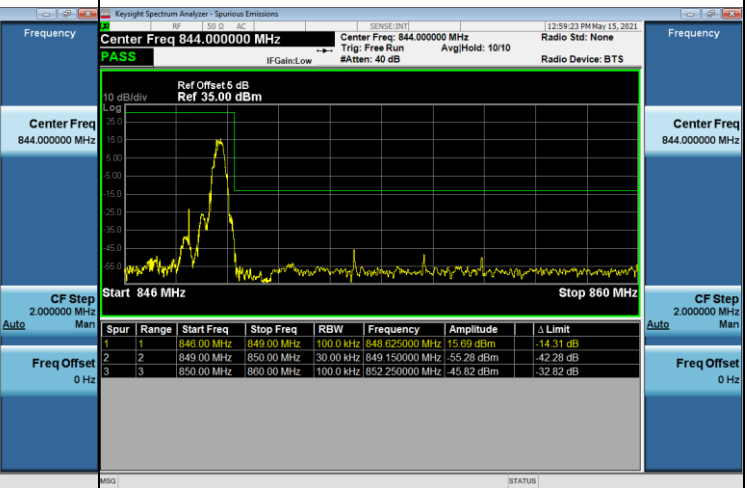
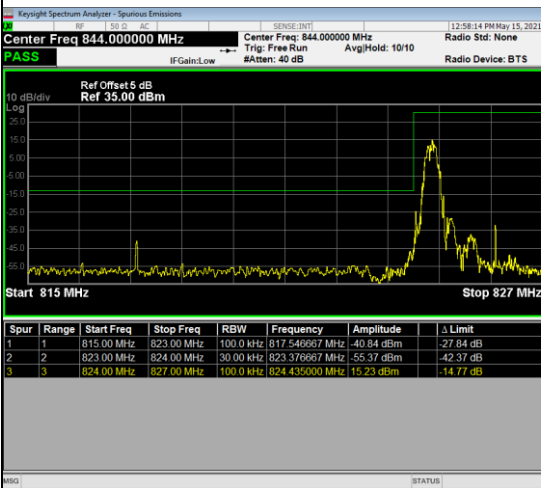
1RB#5

Channel

20415

Channel

20635



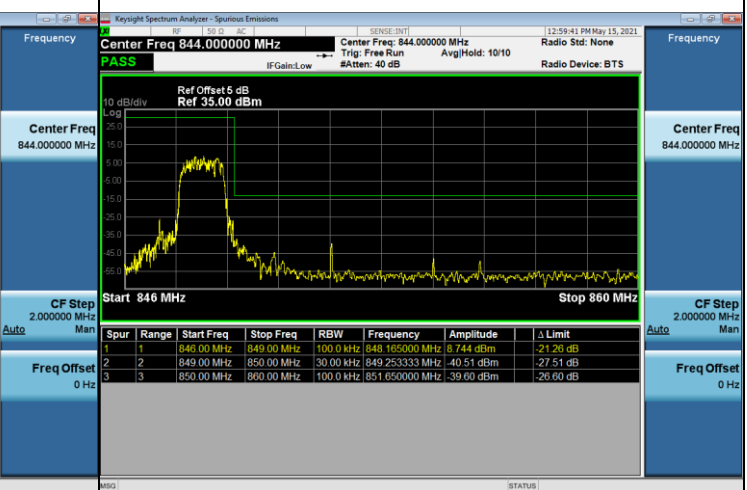
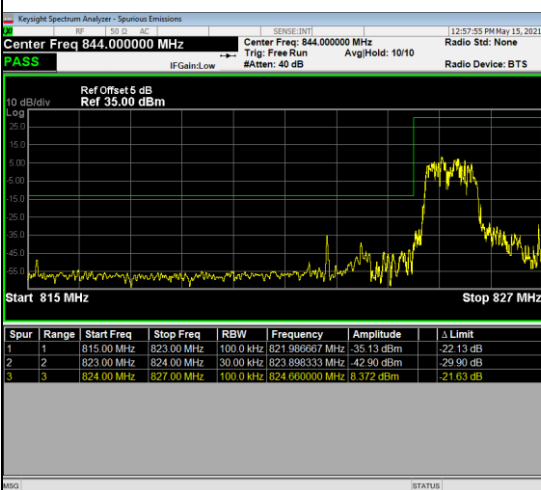
6RB#0

Channel

20415

Channel

20635



LTE Band 5_5M Spectrum Plot

1RB#0

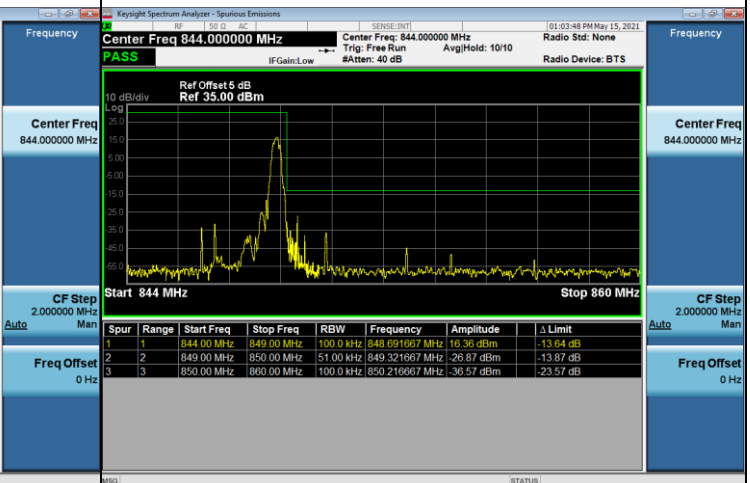
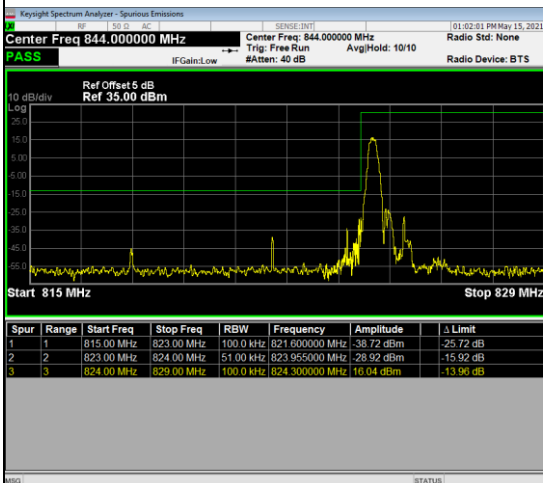
1RB#5

Channel

20425

Channel

20625



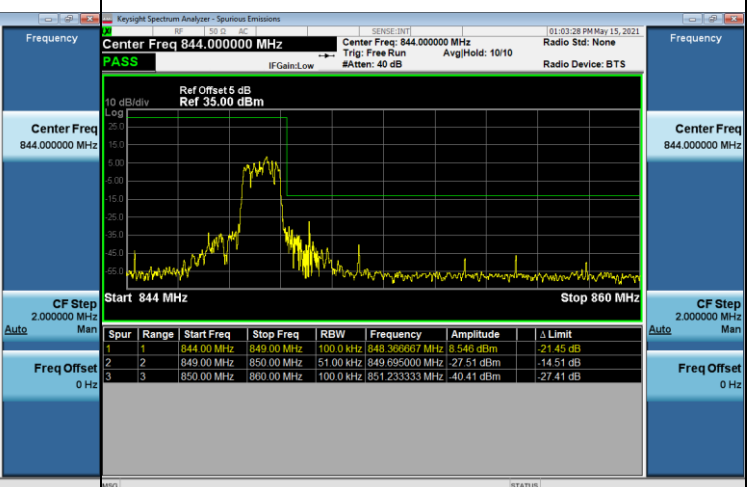
6RB#0

Channel

20425

Channel

20625



LTE Band 5_10M Spectrum Plot

1RB#0

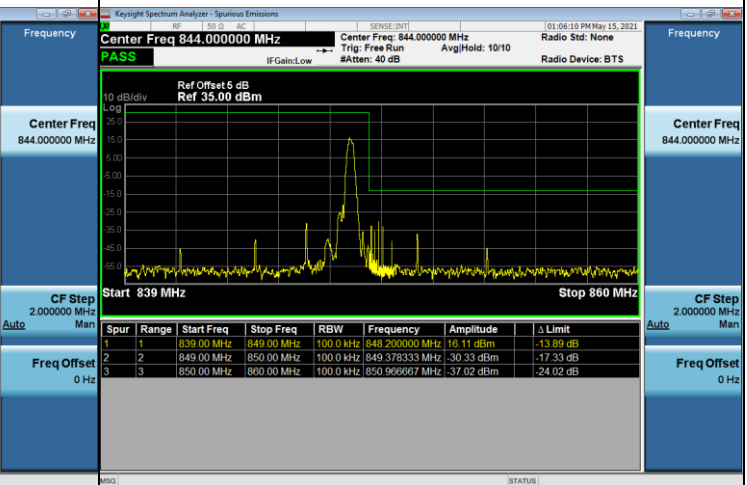
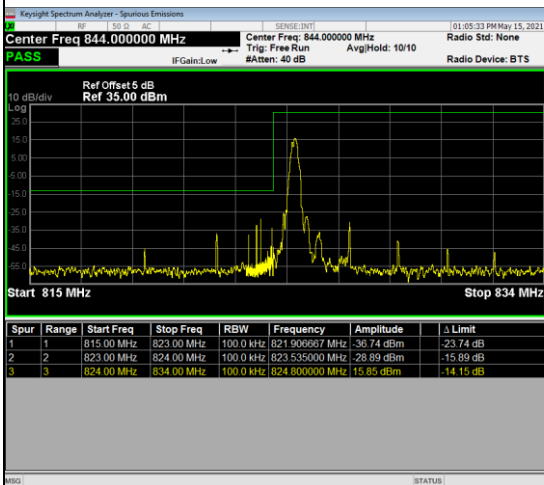
1RB#5

Channel

20450

Channel

20600



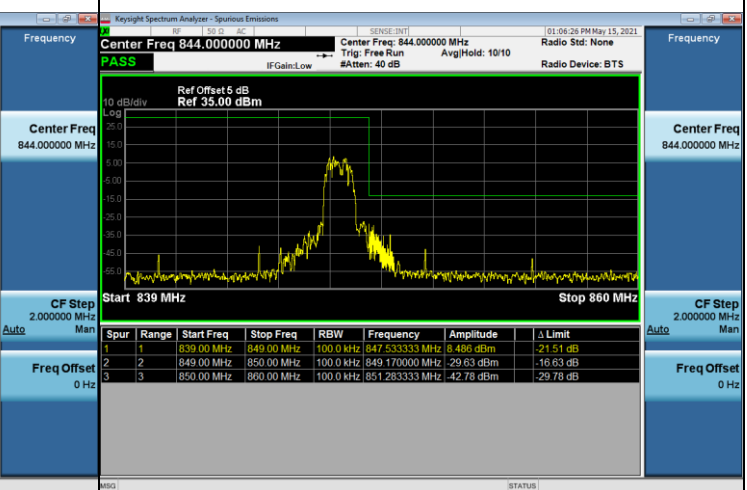
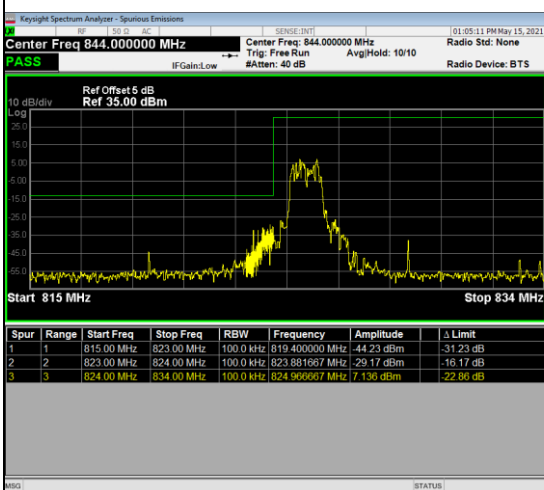
6RB#0

Channel

20450

Channel

20600



LTE Band 26_1.4M Spectrum Plot

1RB#0

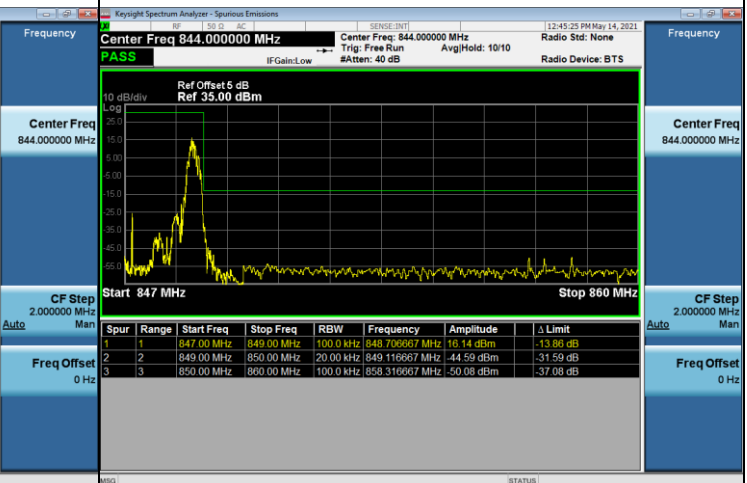
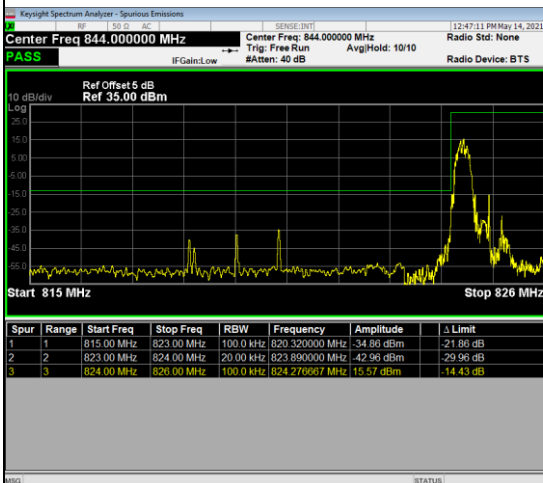
1RB#5

Channel

26797

Channel

27033



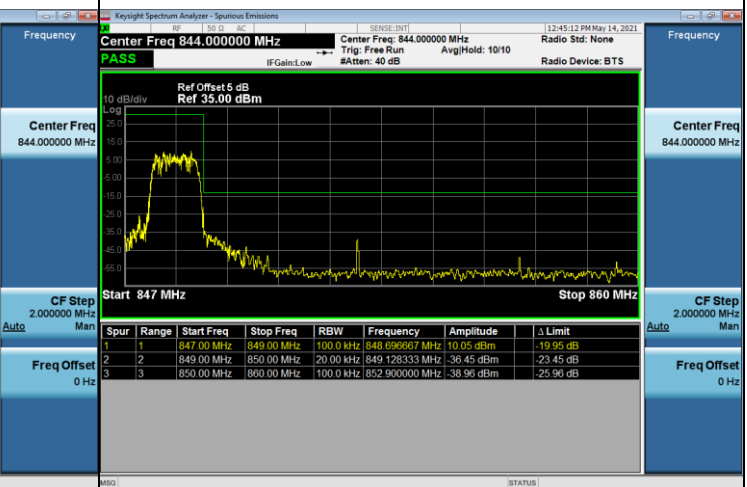
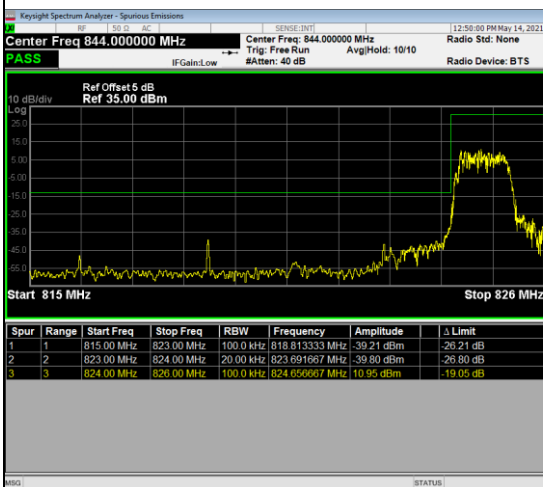
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Channel

26797

Channel

27033



LTE Band 26_3M Spectrum Plot

1RB#0

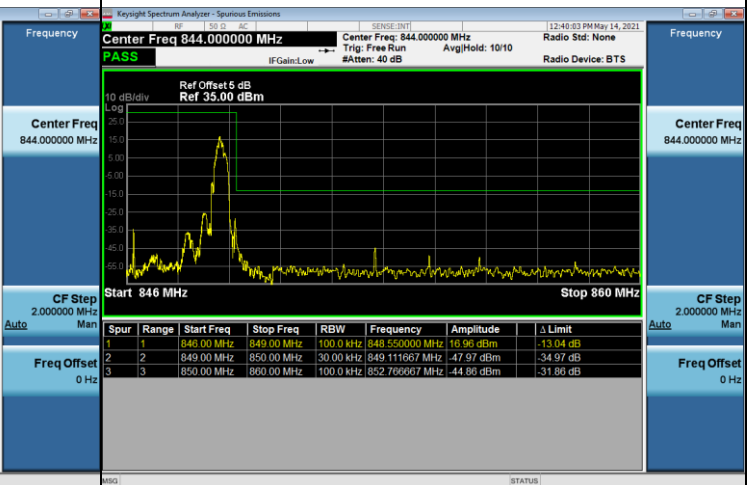
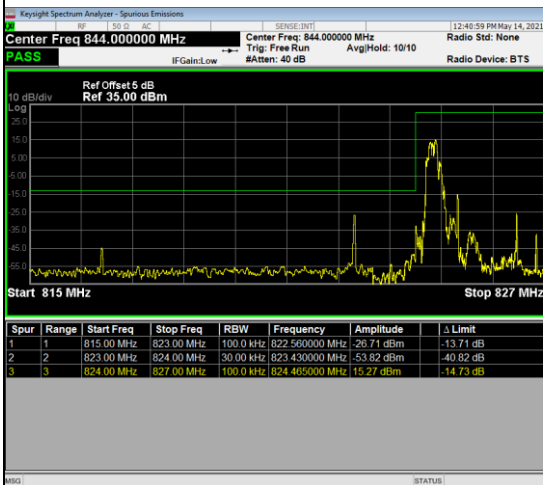
1RB#5

Channel

26805

Channel

27025



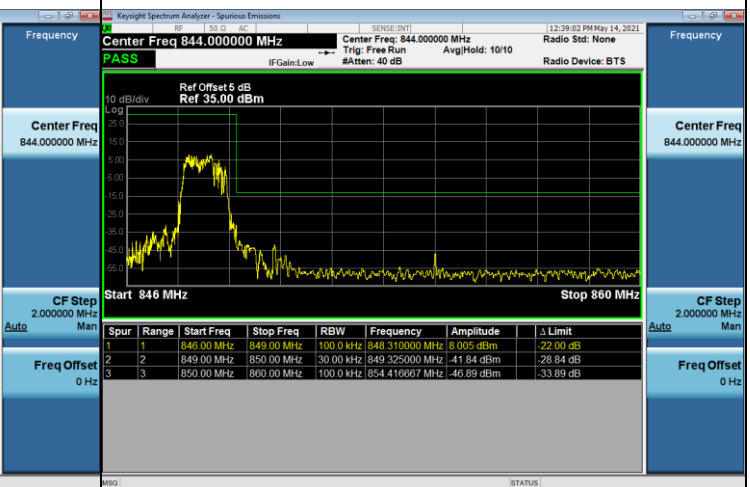
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Channel

26805

Channel

27025



LTE Band 26_5M Spectrum Plot

1RB#0

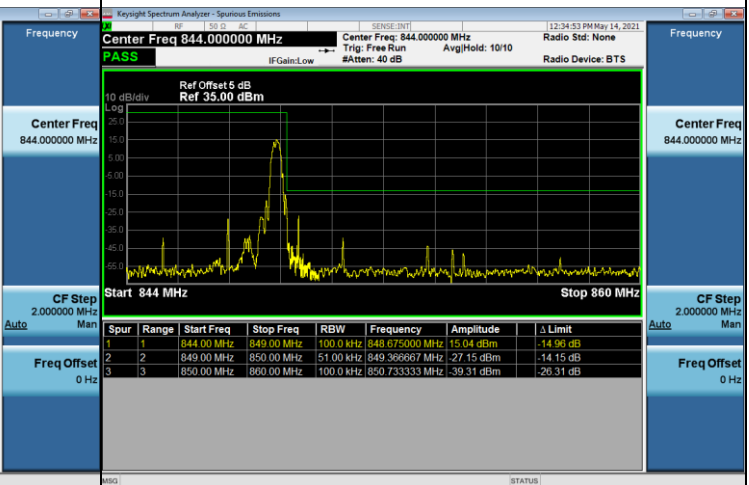
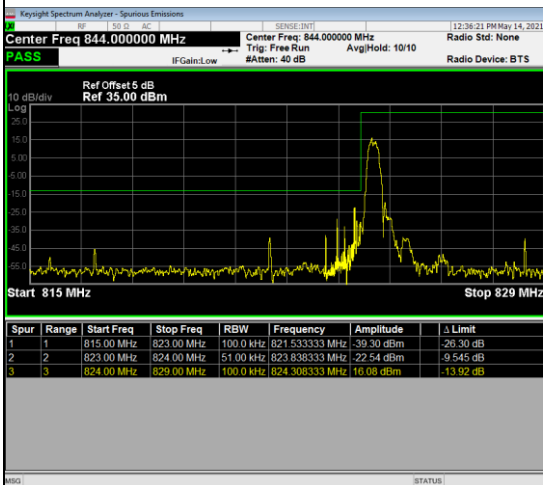
1RB#5

Channel

26815

Channel

27015



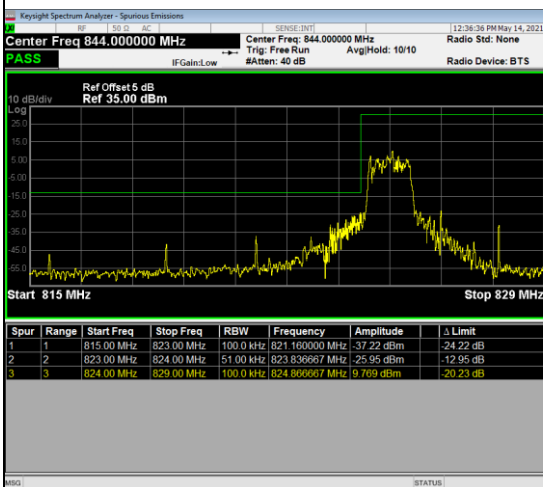
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Channel

26815

Channel

27015



LTE Band 26_10M Spectrum Plot

1RB#0

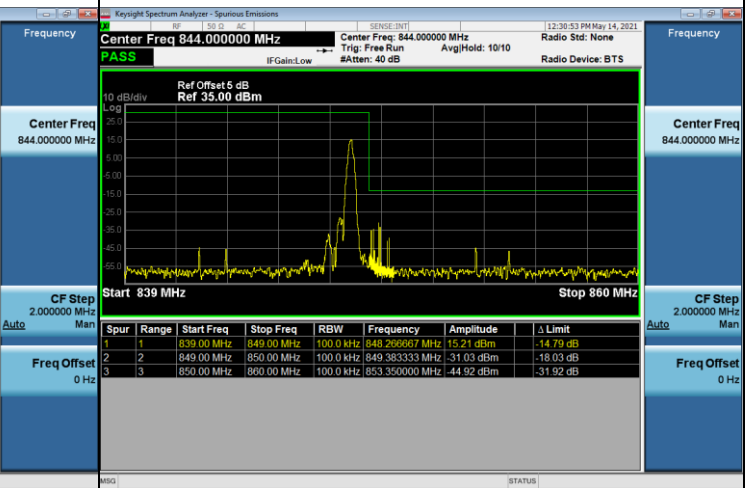
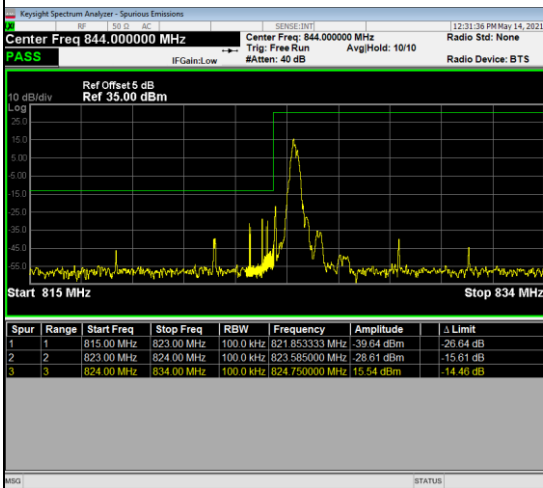
1RB#5

Channel

26840

Channel

26690



6RB#0

Channel

26840

Channel

26690

