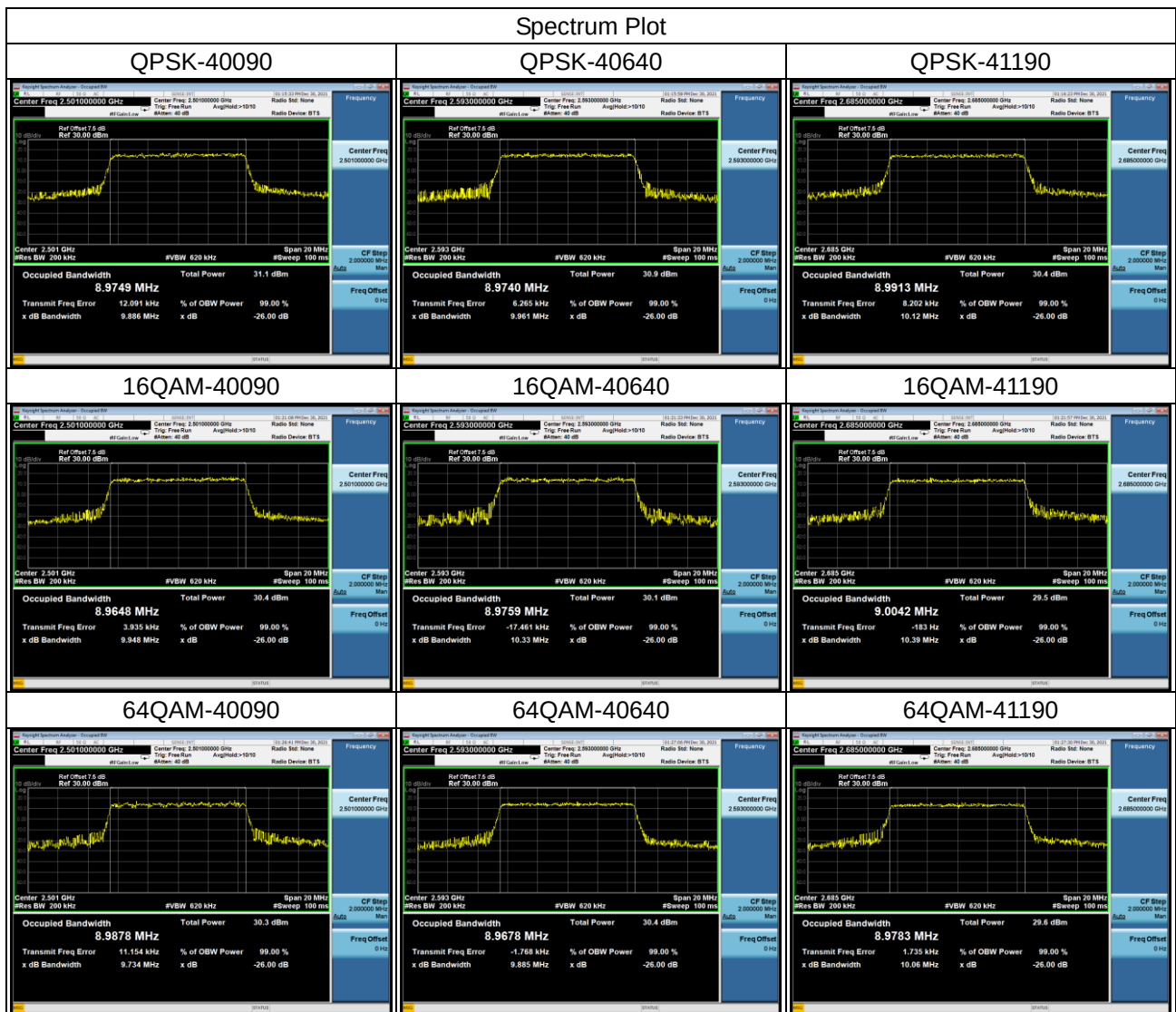
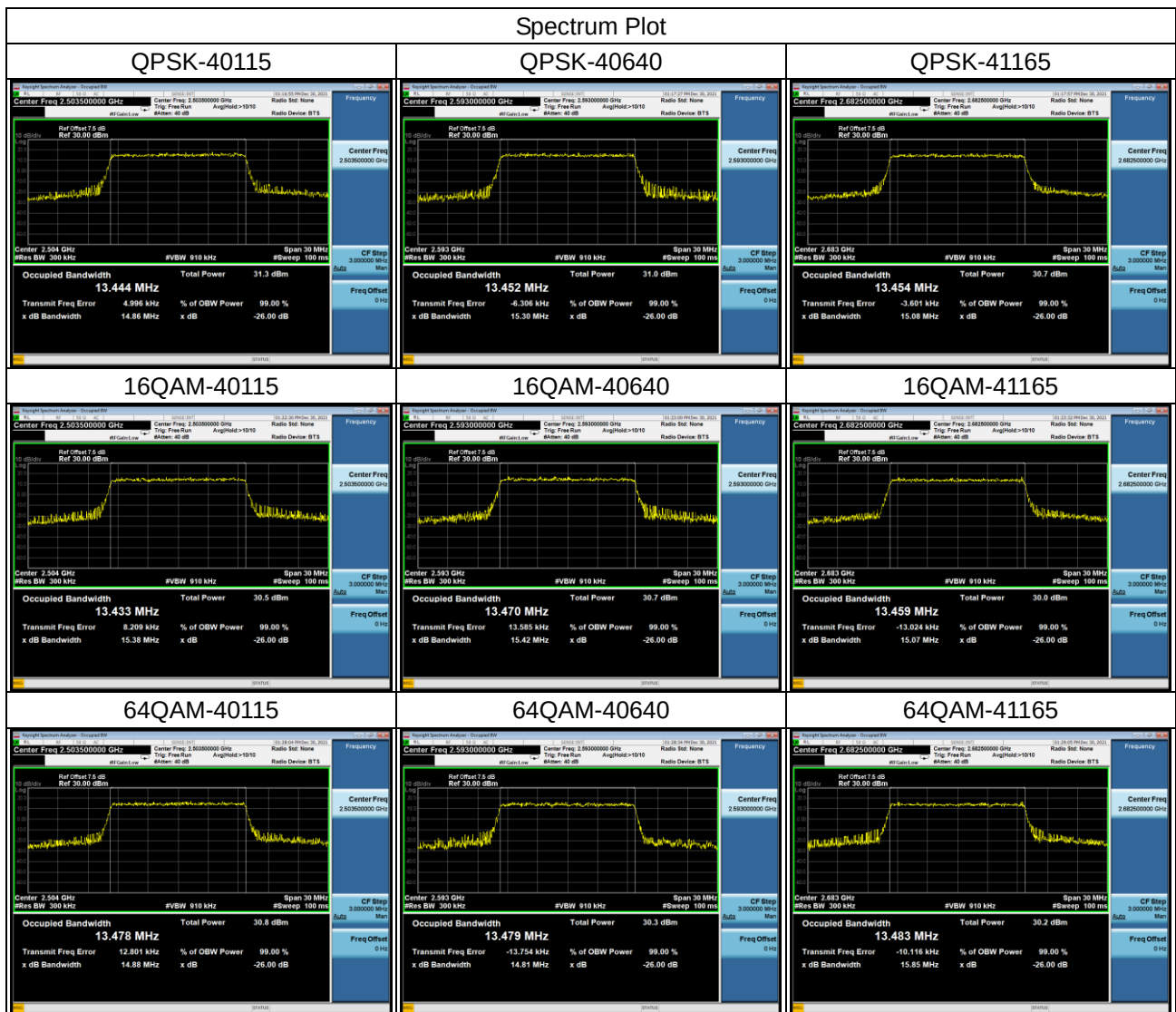


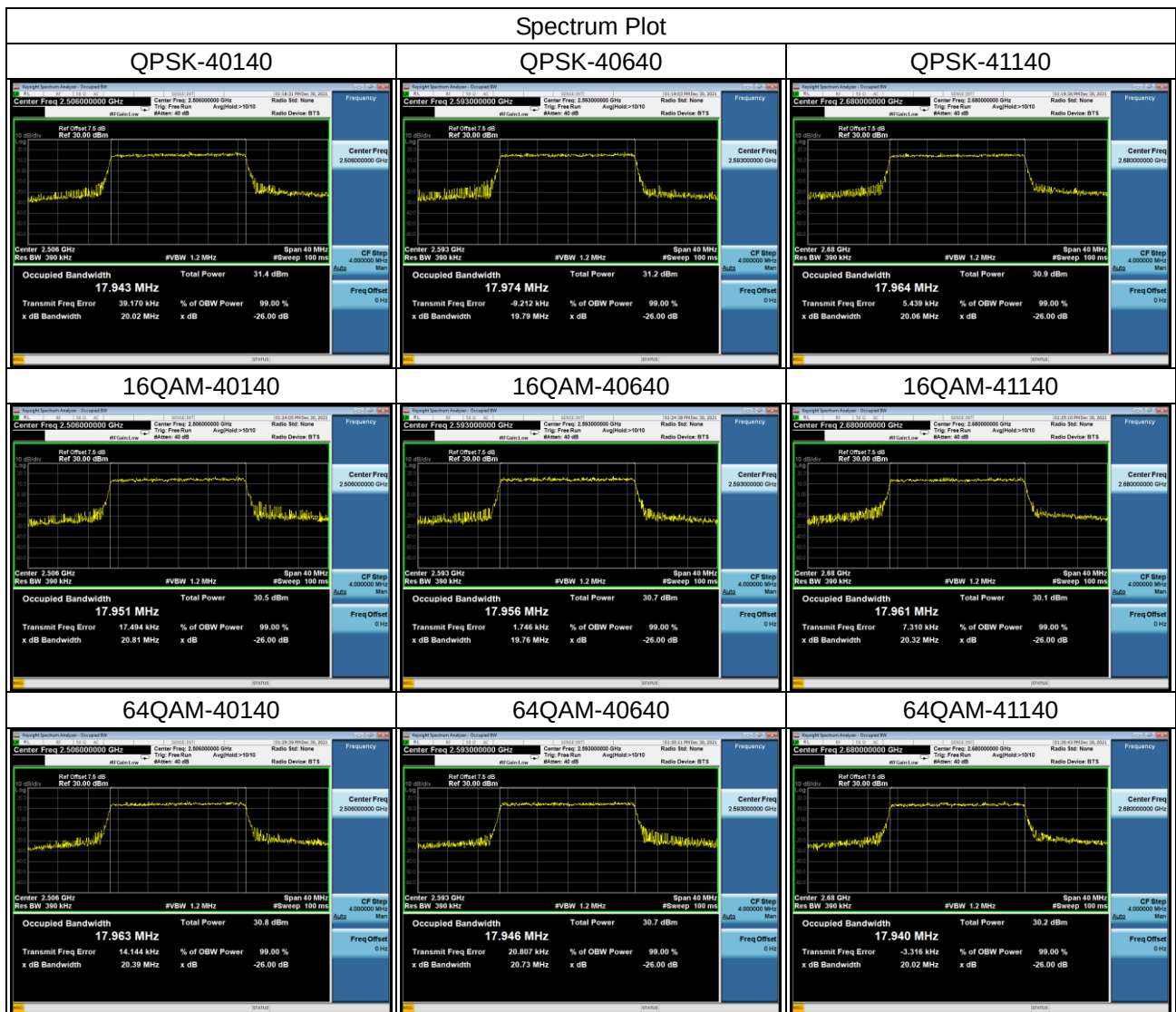
LTE Band 41_10MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
40090	2540	8.9749	8.9648	8.9878	9.886	9.948	9.734
40640	2595	8.9740	8.9759	8.9678	9.961	10.33	9.885
41190	2650	8.9913	9.0042	8.9783	10.12	10.39	10.06



LTE Band 41_15MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
40115	2542.5	13.444	13.433	13.478	14.86	15.38	14.88
40640	2595	13.452	13.470	13.479	15.30	15.42	14.81
41165	2647.5	13.454	13.459	13.483	15.08	15.07	15.85

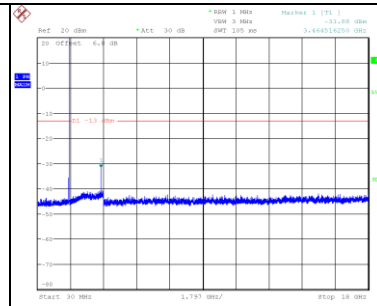
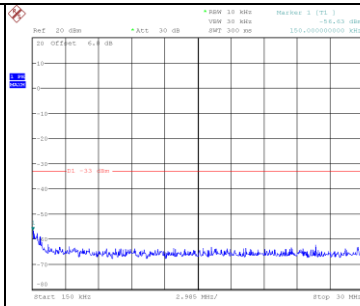
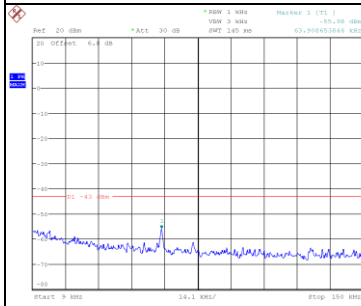


LTE Band 41_20MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
40140	2545	17.943	17.951	17.963	20.02	20.81	20.39
40640	2595	17.974	17.956	17.946	19.79	19.76	20.73
41140	2645	17.964	17.961	17.940	20.06	20.32	20.02

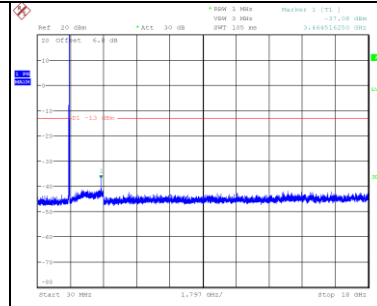
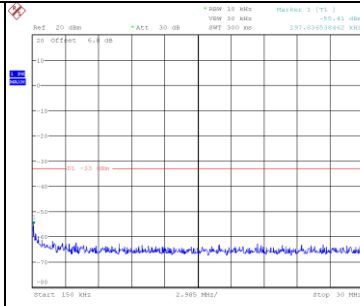
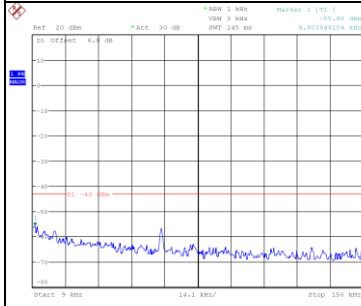


APPENDIX C - CONDUCTED SPURIOUS EMISSIONS

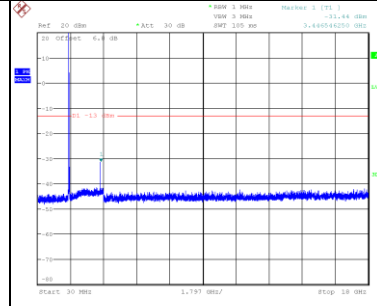
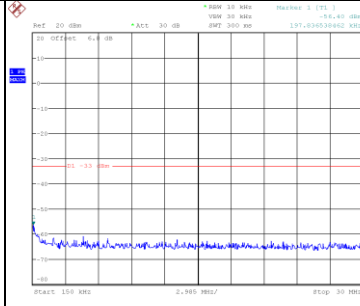
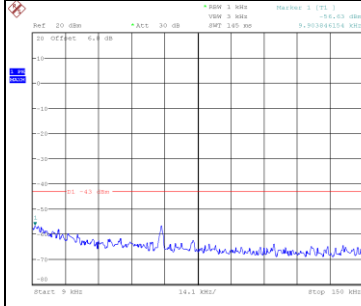
LTE Band 4_1.4MHz_CH20175 Spectrum Plot



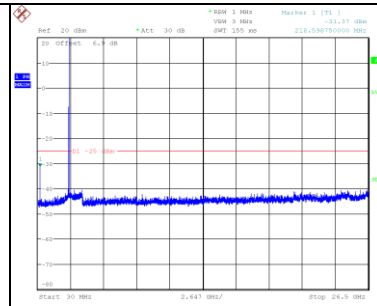
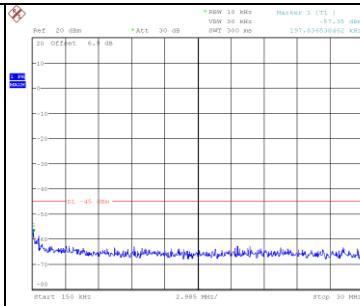
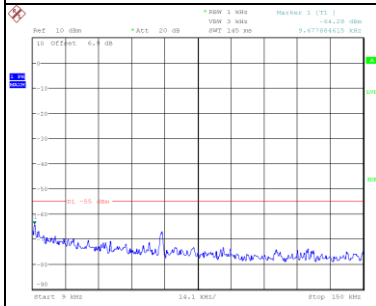
LTE Band 4_5MHz_CH20175 Spectrum Plot



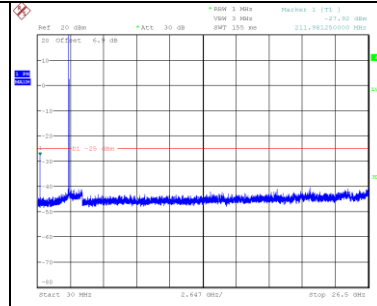
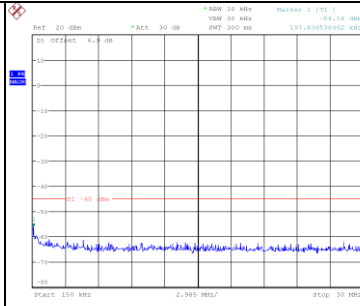
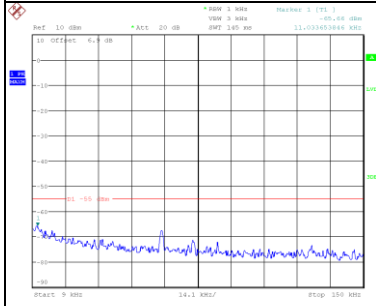
LTE Band 4_20MHz_CH20175 Spectrum Plot



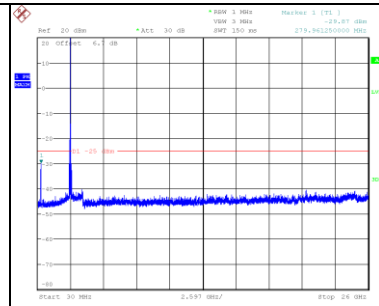
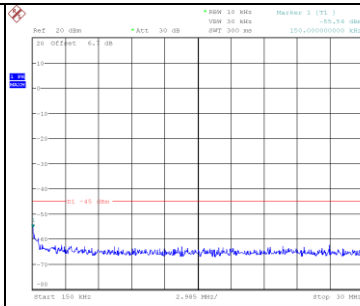
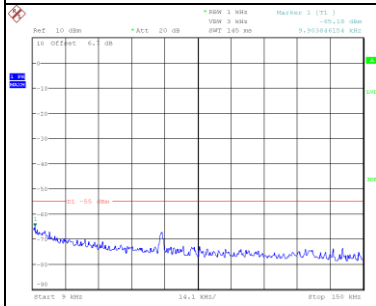
LTE Band 7_5MHz_CH21100 Spectrum Plot



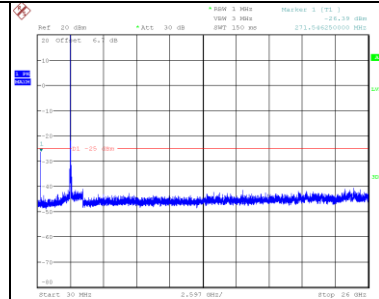
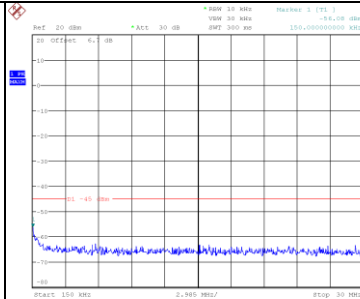
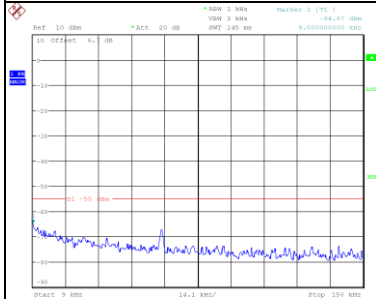
LTE Band 7_20MHz_CH21100 Spectrum Plot



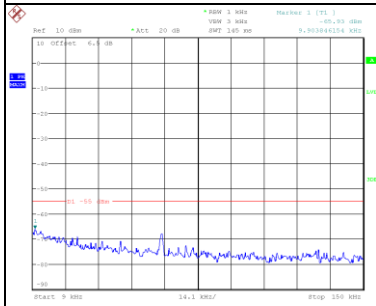
LTE Band 38_5MHz_CH38000 Spectrum Plot



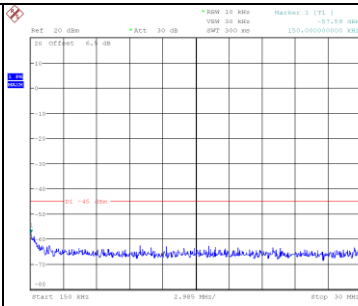
LTE Band 38_20MHz_CH38000 Spectrum Plot



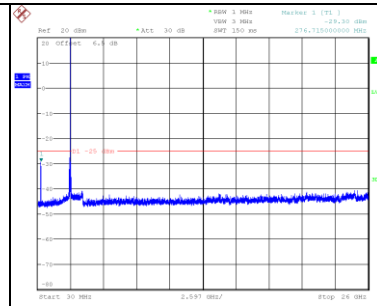
LTE Band 41_5MHz_CH40640 Spectrum Plot



Date: 31.08.2021 10:23:33

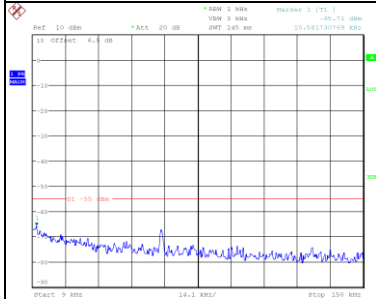


Date: 31.08.2021 10:25:19

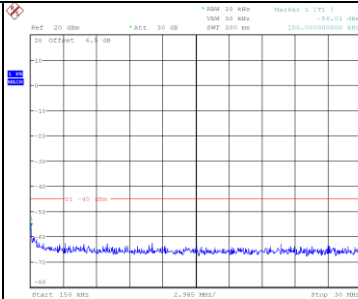


Date: 5.09.2022 15:26:29

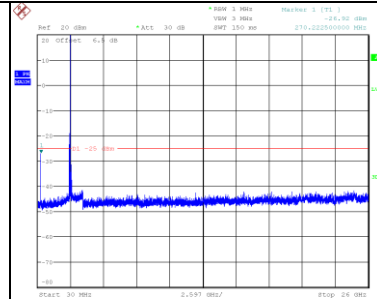
LTE Band 41_20MHz_CH40640 Spectrum Plot



Date: 31.08.2021 10:23:59



Date: 31.08.2021 10:25:07

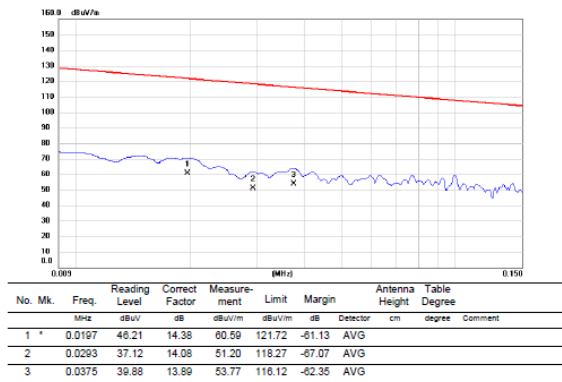


Date: 5.09.2022 15:27:07

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

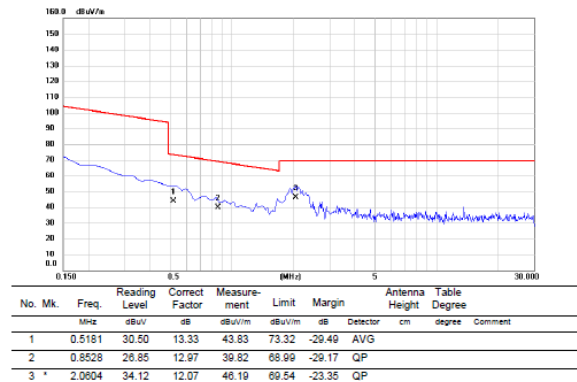
Test Mode : TX Mode

Ant 0°



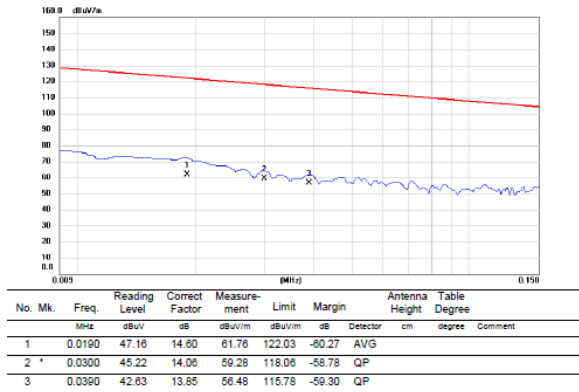
Test Mode : TX Mode

Ant 0°



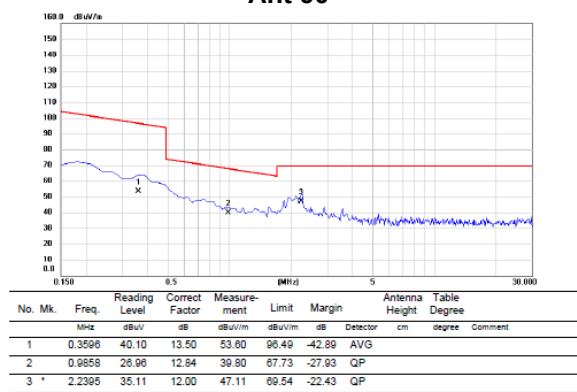
Test Mode : TX Mode

Ant 90°



Test Mode : TX Mode

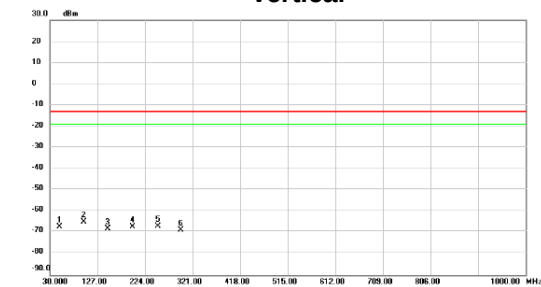
Ant 90°



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

Test Mode : LTE Band 4_TX CH20175_1.4MHz

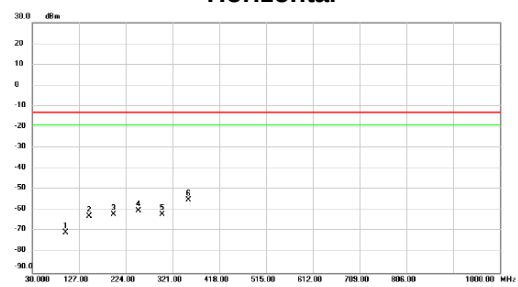
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1	49.8850	-55.92	-11.52	-67.44	-13.00	-54.44	peak	
2 *	98.8700	-48.43	-16.51	-64.94	-13.00	-51.94	peak	
3	148.3400	-56.45	-11.77	-68.22	-13.00	-55.22	peak	
4	198.7800	-52.63	-14.82	-67.45	-13.00	-54.45	peak	
5	250.1900	-54.18	-13.01	-67.19	-13.00	-54.19	peak	
6	298.7500	-57.40	-11.42	-68.82	-13.00	-55.82	peak	

Test Mode : LTE Band 4_TX CH20175_1.4MHz

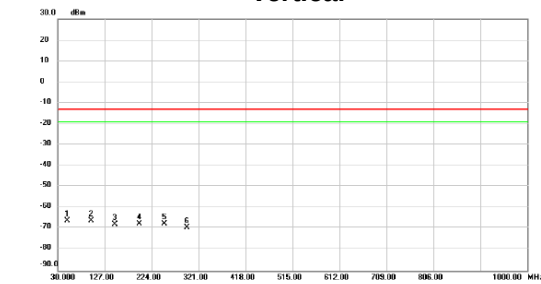
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1	98.8700	-54.04	-16.51	-70.55	-13.00	-57.55	peak	
2	148.8250	-51.05	-11.75	-62.80	-13.00	-49.80	peak	
3	198.7800	-47.05	-14.82	-61.87	-13.00	-48.87	peak	
4	250.1900	-47.17	-13.01	-60.18	-13.00	-47.18	peak	
5	300.1450	-50.75	-11.34	-62.09	-13.00	-49.09	peak	
6 *	354.4650	-44.91	-10.15	-55.06	-13.00	-42.06	peak	

Test Mode : LTE Band 4_TX CH20175_5MHz

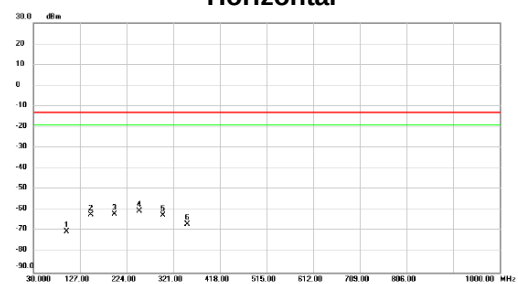
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	49.8850	-54.51	-11.52	-66.03	-13.00	-53.03	peak	
2	98.8700	-49.53	-16.51	-66.04	-13.00	-53.04	peak	
3	148.3400	-56.11	-11.77	-67.88	-13.00	-54.88	peak	
4	198.7800	-52.97	-14.82	-67.79	-13.00	-54.79	peak	
5	250.1900	-54.58	-13.01	-67.59	-13.00	-54.59	peak	
6	298.7500	-57.93	-11.42	-69.35	-13.00	-56.35	peak	

Test Mode : LTE Band 4_TX CH20175_5MHz

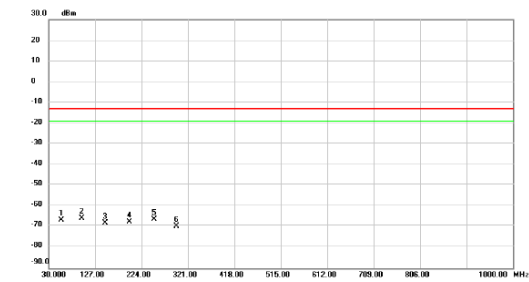
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1	98.8700	-53.90	-16.51	-70.41	-13.00	-57.41	peak	
2	149.3100	-50.42	-11.73	-62.15	-13.00	-49.15	peak	
3	198.7800	-47.09	-14.82	-61.91	-13.00	-48.91	peak	
4 *	250.1900	-47.44	-13.01	-60.45	-13.00	-47.45	peak	
5	300.1450	-51.22	-11.34	-62.56	-13.00	-49.56	peak	
6	350.1000	-56.63	-10.20	-66.83	-13.00	-53.83	peak	

Test Mode : LTE Band 4_TX CH20175_20MHz

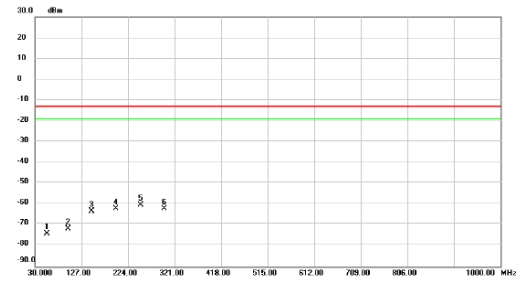
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	56.1900	-55.02	-11.82	-66.84	-13.00	-53.84	peak	
2 *	98.8700	-49.20	-16.51	-65.71	-13.00	-52.71	peak	
3	148.3400	-56.37	-11.77	-68.14	-13.00	-55.14	peak	
4	198.7800	-52.71	-14.82	-67.53	-13.00	-54.53	peak	
5	250.1900	-53.49	-13.01	-66.50	-13.00	-53.50	peak	
6	296.7500	-58.24	-11.42	-69.66	-13.00	-56.66	peak	

Test Mode : LTE Band 4_TX CH20175_20MHz

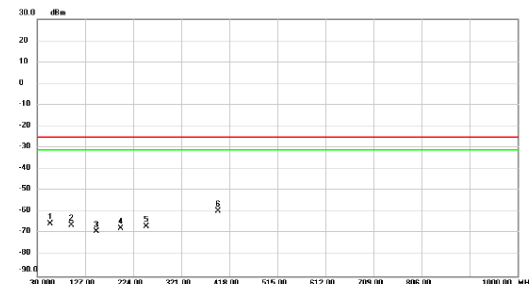
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	56.7050	-62.51	-11.77	-74.28	-13.00	-61.28	peak	
2	98.8700	-55.20	-16.51	-71.71	-13.00	-58.71	peak	
3	148.8250	-51.58	-11.75	-63.33	-13.00	-50.33	peak	
4	198.7800	-47.41	-14.82	-62.23	-13.00	-49.23	peak	
5 *	250.1900	-47.38	-13.01	-60.39	-13.00	-47.39	peak	
6	300.1450	-50.79	-11.34	-62.13	-13.00	-49.13	peak	

Test Mode : LTE Band 7_TX CH21100_5MHz

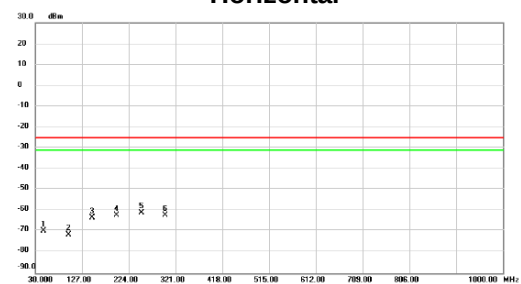
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	56.6750	-53.66	-11.86	-65.52	-25.00	-40.52	peak	
2	98.8700	-49.55	-16.51	-66.06	-25.00	-41.06	peak	
3	148.7950	-57.43	-11.71	-69.14	-25.00	-44.14	peak	
4	198.7800	-52.78	-14.82	-67.60	-25.00	-42.60	peak	
5	250.1900	-53.71	-13.01	-66.72	-25.00	-41.72	peak	
6 *	395.6900	-50.32	-9.21	-59.53	-25.00	-34.53	peak	

Test Mode : LTE Band 7_TX CH21100_5MHz

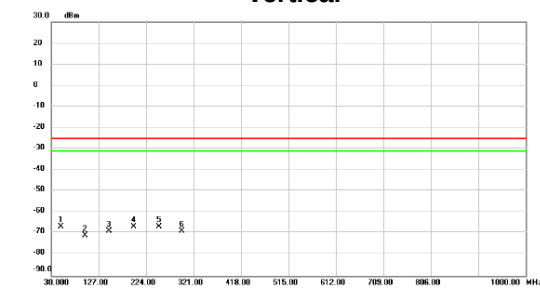
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	47.9450	-58.11	-11.59	-69.70	-25.00	-44.70	peak	
2	98.8700	-55.12	-16.51	-71.63	-25.00	-46.63	peak	
3	148.3400	-51.62	-11.77	-63.39	-25.00	-38.39	peak	
4	198.7800	-47.44	-14.82	-62.26	-25.00	-37.26	peak	
5 *	250.1900	-47.96	-13.01	-60.97	-25.00	-35.97	peak	
6	300.1450	-50.92	-11.34	-62.26	-25.00	-37.26	peak	

Test Mode : LTE Band 7_TX CH21100_20MHz

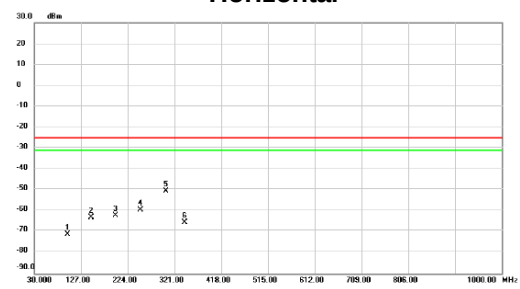
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	49.8850	-55.29	-11.52	-66.81	-25.00	-41.81	peak	
2	98.8700	-54.37	-16.51	-70.88	-25.00	-45.88	peak	
3	148.8250	-57.23	-11.75	-68.98	-25.00	-43.98	peak	
4 *	198.7800	-51.87	-14.82	-66.69	-25.00	-41.69	peak	
5	250.1900	-53.84	-13.01	-66.85	-25.00	-41.85	peak	
6	296.7500	-57.31	-11.42	-68.73	-25.00	-43.73	peak	

Test Mode : LTE Band 7_TX CH21100_20MHz

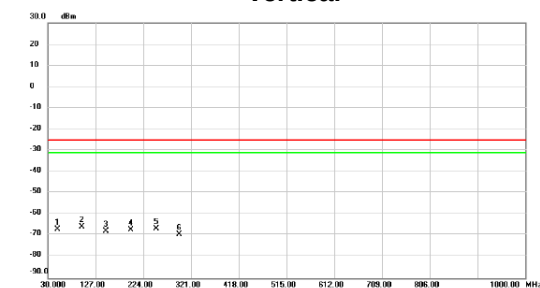
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	98.8700	-54.68	-16.51	-71.19	-25.00	-46.19	peak	
2	148.3400	-51.38	-11.77	-63.15	-25.00	-38.15	peak	
3	198.7800	-47.35	-14.82	-62.17	-25.00	-37.17	peak	
4	250.1900	-46.53	-13.01	-59.54	-25.00	-34.54	peak	
5 *	303.5400	-39.17	-11.23	-50.40	-25.00	-25.40	peak	
6	342.3400	-55.15	-10.27	-65.42	-25.00	-40.42	peak	

Test Mode : LTE Band 38_TX CH38000_5MHz

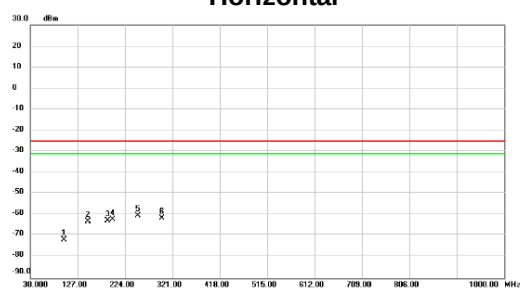
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	49.8850	-55.40	-11.52	-66.92	-25.00	-41.92	peak	
2 *	98.8700	-49.20	-16.51	-65.71	-25.00	-40.71	peak	
3	148.3400	-56.27	-11.77	-68.04	-25.00	-43.04	peak	
4	198.7800	-52.48	-14.82	-67.30	-25.00	-42.30	peak	
5	250.1900	-53.85	-13.01	-66.86	-25.00	-41.86	peak	
6	296.7500	-57.97	-11.42	-69.39	-25.00	-44.39	peak	

Test Mode : LTE Band 38_TX CH38000_5MHz

Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	98.8700	-55.35	-16.51	-71.86	-25.00	-46.86	peak	
2	148.3400	-51.46	-11.77	-63.23	-25.00	-38.23	peak	
3	188.1100	-48.83	-14.03	-62.86	-25.00	-37.86	peak	
4	198.7800	-47.44	-14.82	-62.26	-25.00	-37.26	peak	
5 *	250.1900	-47.33	-13.01	-60.34	-25.00	-35.34	peak	
6	300.1450	-50.42	-11.34	-61.76	-25.00	-36.76	peak	

Test Mode : LTE Band 38_TX CH38000_20MHz

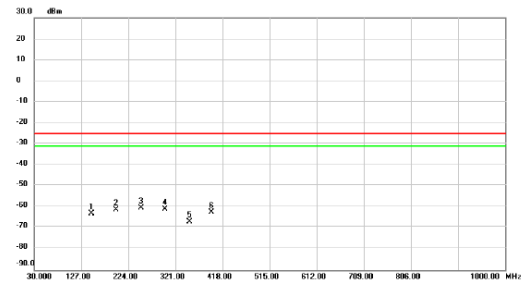
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1 *	49.8850	-55.28	-11.52	-66.80	-25.00	-41.80	peak	
2	98.8700	-54.29	-16.51	-70.80	-25.00	-45.80	peak	
3	148.8250	-57.56	-11.75	-69.31	-25.00	-44.31	peak	
4	198.7800	-53.10	-14.82	-67.92	-25.00	-42.92	peak	
5	250.1900	-53.94	-13.01	-66.95	-25.00	-41.95	peak	
6	300.1450	-57.28	-11.34	-68.62	-25.00	-43.62	peak	

Test Mode : LTE Band 38_TX CH38000_20MHz

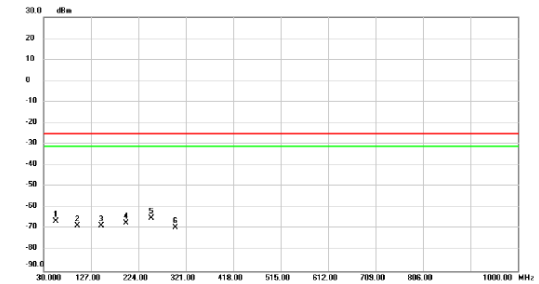
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	148.8250	-51.48	-11.75	-63.23	-25.00	-38.23	peak	
2	198.7800	-46.41	-14.82	-61.23	-25.00	-36.23	peak	
3 *	250.1900	-47.33	-13.01	-60.34	-25.00	-35.34	peak	
4	300.1450	-49.79	-11.34	-61.13	-25.00	-36.13	peak	
5	350.1000	-56.94	-10.20	-67.14	-25.00	-42.14	peak	
6	395.6900	-53.43	-9.21	-62.64	-25.00	-37.64	peak	

Test Mode : LTE Band 41_TX CH40640_5MHz

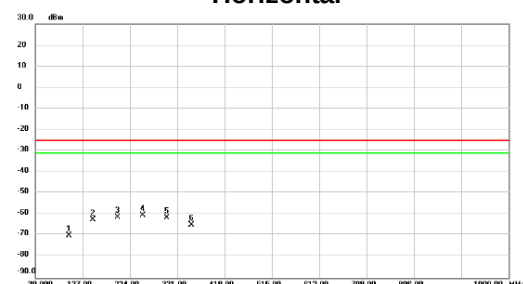
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	55.7050	-54.57	-11.77	-66.34	-25.00	-41.34	peak	
2	98.8700	-52.14	-16.51	-68.65	-25.00	-43.65	peak	
3	148.3400	-56.89	-11.77	-68.66	-25.00	-43.66	peak	
4	198.7800	-52.65	-14.82	-67.47	-25.00	-42.47	peak	
5 *	250.1900	-51.90	-13.01	-64.91	-25.00	-39.91	peak	
6	300.1450	-58.05	-11.34	-69.39	-25.00	-44.39	peak	

Test Mode : LTE Band 41_TX CH40640_5MHz

Horizontal

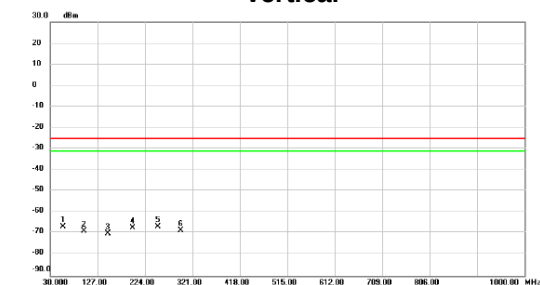


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	98.8700	-53.55	-16.51	-70.06	-25.00	-45.06	peak	
2	148.3400	-50.75	-11.77	-62.52	-25.00	-37.52	peak	
3	198.7800	-46.52	-14.82	-61.34	-25.00	-36.34	peak	
4 *	250.1900	-47.58	-13.01	-60.59	-25.00	-35.59	peak	
5	300.1450	-50.16	-11.34	-61.50	-25.00	-36.50	peak	
6	350.1000	-54.82	-10.20	-65.02	-25.00	-40.02	peak	

Test Mode : LTE Band 41_TX CH40640_20MHz

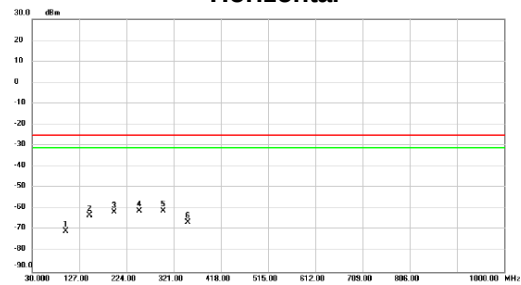
Test Mode : LTE Band 41_TX CH40640_20MHz

Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	56.1900	-54.94	-11.82	-66.76	-25.00	-41.76	peak	
2	98.8700	-52.24	-16.51	-68.75	-25.00	-43.75	peak	
3	148.3400	-58.21	-11.77	-69.98	-25.00	-44.98	peak	
4	198.7800	-52.43	-14.82	-67.25	-25.00	-42.25	peak	
5	250.1900	-53.80	-13.01	-66.81	-25.00	-41.81	peak	
6	296.7500	-57.26	-11.42	-68.68	-25.00	-43.68	peak	

Horizontal



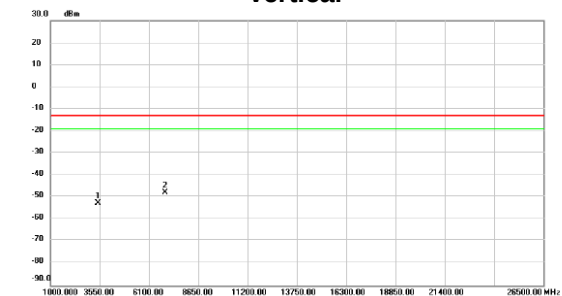
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1	98.8700	-54.00	-16.51	-70.51	-25.00	-45.51	peak	
2	148.8250	-51.46	-11.75	-63.21	-25.00	-38.21	peak	
3	198.7800	-46.90	-14.82	-61.72	-25.00	-36.72	peak	
4	250.1900	-48.16	-13.01	-61.17	-25.00	-36.17	peak	
5 *	300.1450	-49.69	-11.34	-61.03	-25.00	-36.03	peak	
6	350.1000	-56.11	-10.20	-66.31	-25.00	-41.31	peak	

APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1GHZ)

Test Mode : LTE Band 4_TX CH20175_1.4MHz

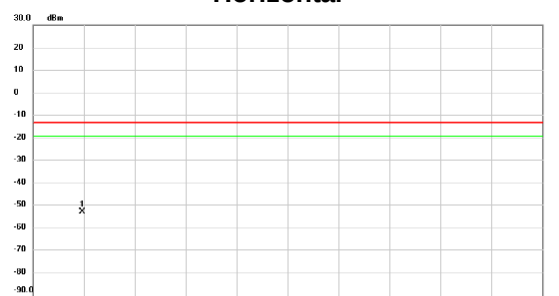
Test Mode : LTE Band 4_TX CH20175_1.4MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	3460.750	-50.69	-2.10	-52.79	-13.00	-39.79	peak	
2 *	6928.750	-55.19	7.23	-47.96	-13.00	-34.96	peak	

Horizontal

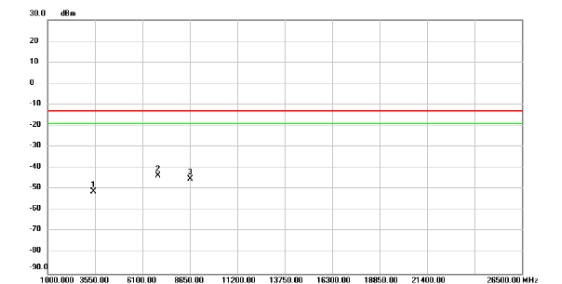


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	3460.750	-50.21	-2.10	-52.31	-13.00	-39.31	peak	

Test Mode : LTE Band 4_TX CH20175_5MHz

Test Mode : LTE Band 4_TX CH20175_5MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	3460.750	-48.94	-2.10	-51.04	-13.00	-38.04	peak	
2 *	6916.000	-50.93	7.23	-43.70	-13.00	-30.70	peak	
3	8650.000	-52.72	7.71	-45.01	-13.00	-32.01	peak	

Horizontal

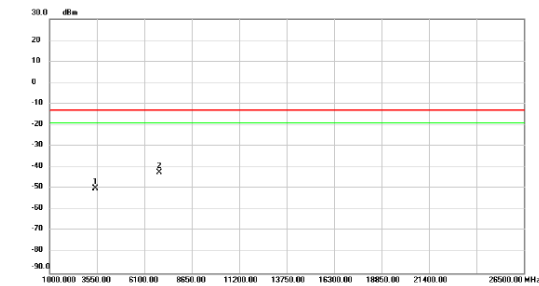


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	3460.750	-44.71	-2.10	-46.81	-13.00	-33.81	peak	

Test Mode : LTE Band 4_TX CH20175_20MHz

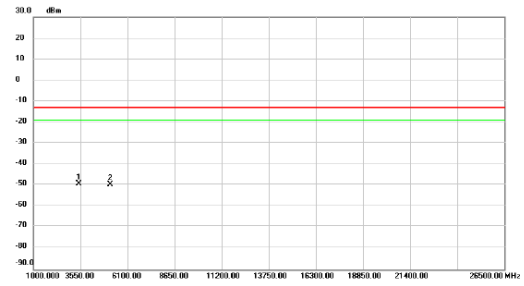
Test Mode : LTE Band 4_TX CH20175_20MHz

Vertical



No. Mx.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1	3448.000	-47.83	-2.11	-49.94	-13.00	-36.94	peak	
2 *	6890.500	-49.76	7.20	-42.56	-13.00	-29.56	peak	

Horizontal

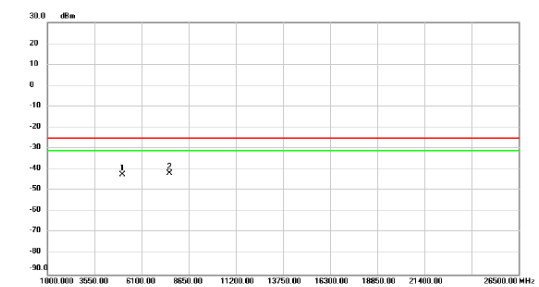


No. Mx.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	3448.000	-47.20	-2.11	-49.31	-13.00	-36.31	peak	
2	5169.250	-52.45	2.70	-49.75	-13.00	-36.75	peak	

Test Mode : LTE Band 7_TX CH21100_5MHz

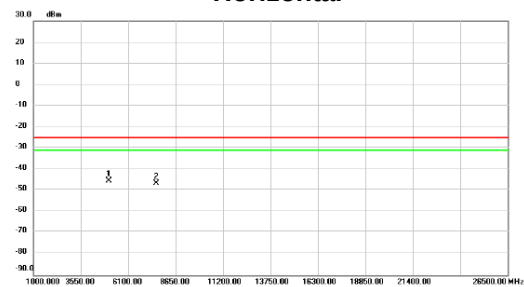
Test Mode : LTE Band 7_TX CH21100_5MHz

Vertical



No. Mx.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1	5067.250	-44.96	2.63	-42.33	-25.00	-17.33	peak	
2 *	7604.500	-49.87	7.89	-41.98	-25.00	-16.98	peak	

Horizontal

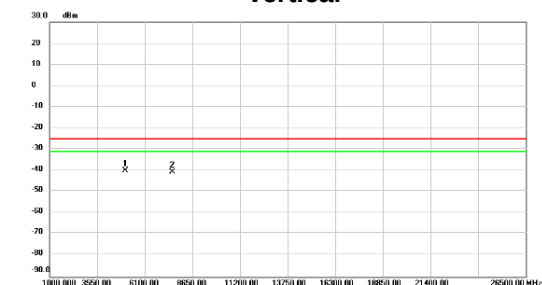


No. Mx.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	5067.250	-48.21	2.63	-45.58	-25.00	-20.58	peak	
2	7604.500	-54.58	7.89	-46.69	-25.00	-21.69	peak	

Test Mode : LTE Band 7_TX CH21100_20MHz

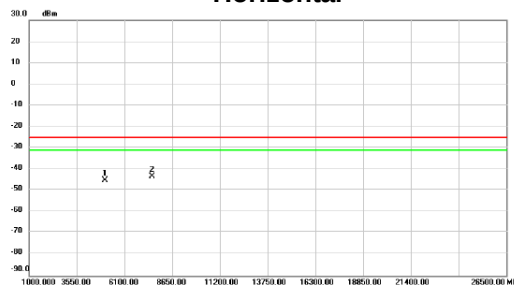
Test Mode : LTE Band 7_TX CH21100_20MHz

Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	5054.500	-42.68	2.63	-40.05	-25.00	-15.05	peak	
2	7579.000	-48.44	7.90	-40.54	-25.00	-15.54	peak	

Horizontal

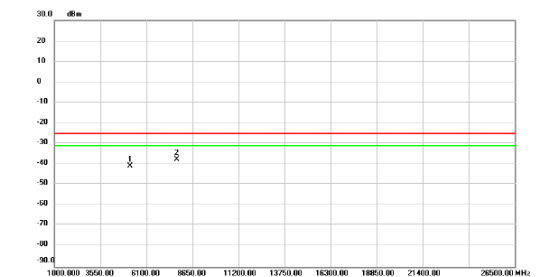


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1	5054.500	-47.78	2.63	-45.15	-25.00	-20.15	peak	
2 *	7579.000	-51.35	7.90	-43.45	-25.00	-18.45	peak	

Test Mode : LTE Band 38_TX CH38000_5MHz

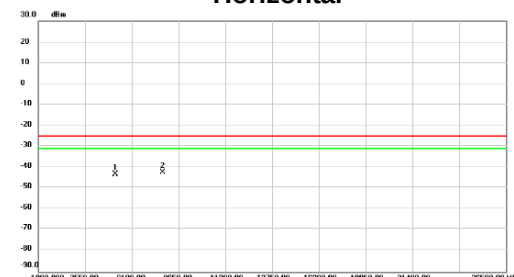
Test Mode : LTE Band 38_TX CH38000_5MHz

Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1	5182.000	-43.73	2.71	-41.02	-25.00	-16.02	peak	
2 *	7783.000	-45.39	7.81	-37.58	-25.00	-12.58	peak	

Horizontal

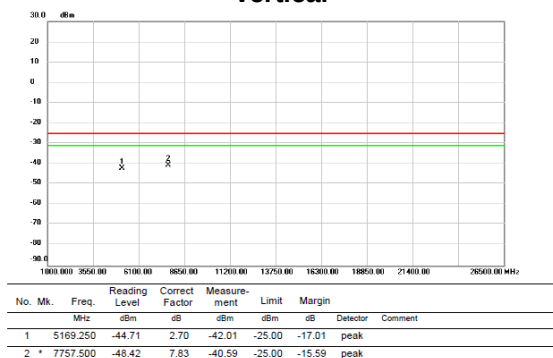


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1	5182.000	-45.91	2.71	-43.20	-25.00	-18.20	peak	
2 *	7783.000	-50.18	7.81	-42.37	-25.00	-17.37	peak	

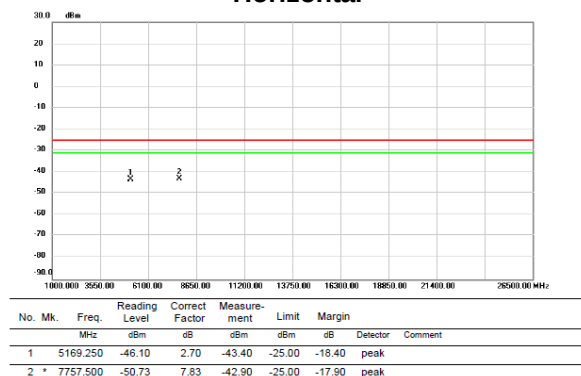
Test Mode : LTE Band 38_TX CH38000_20MHz

Test Mode : LTE Band 38_TX CH38000_20MHz

Vertical



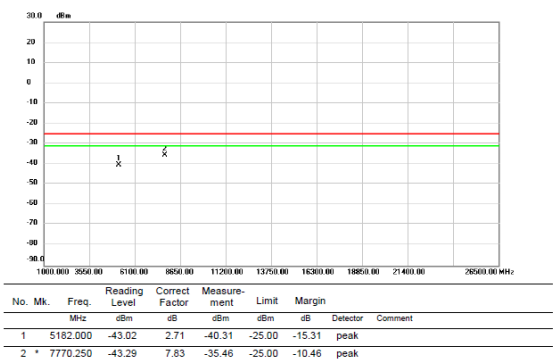
Horizontal



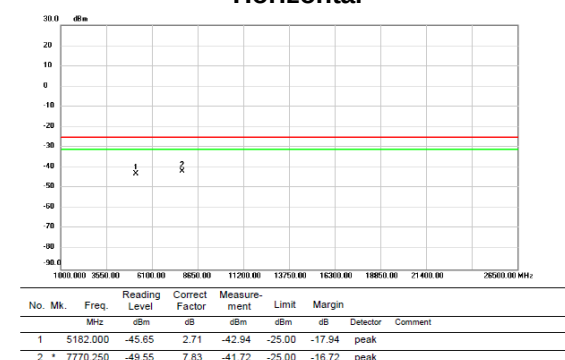
Test Mode : LTE Band 41_TX CH40640_5MHz

Test Mode : LTE Band 41_TX CH40640_5MHz

Vertical



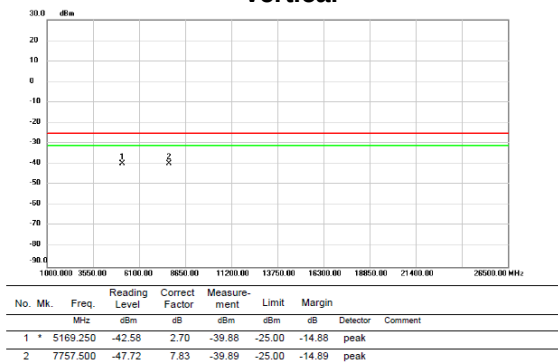
Horizontal



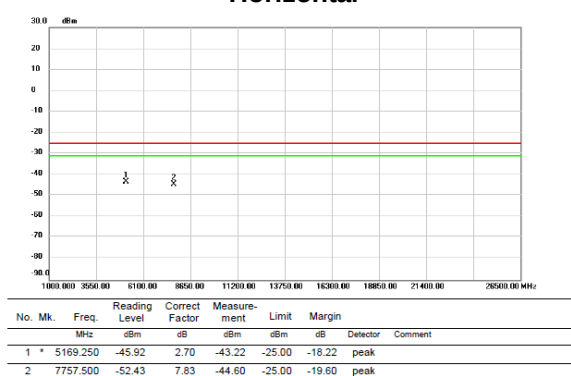
Test Mode : LTE Band 41_TX CH40640_20MHz

Test Mode : LTE Band 41_TX CH40640_20MHz

Vertical



Horizontal



APPENDIX G - BAND EDGE

