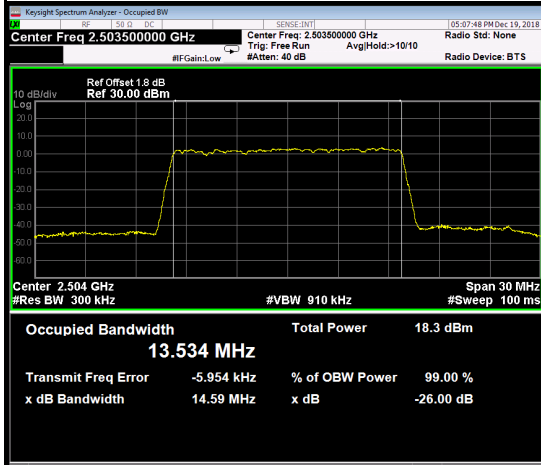
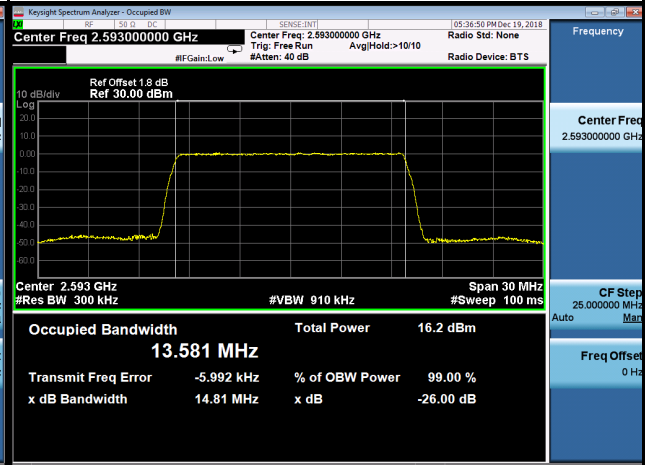


Spectrum Plot

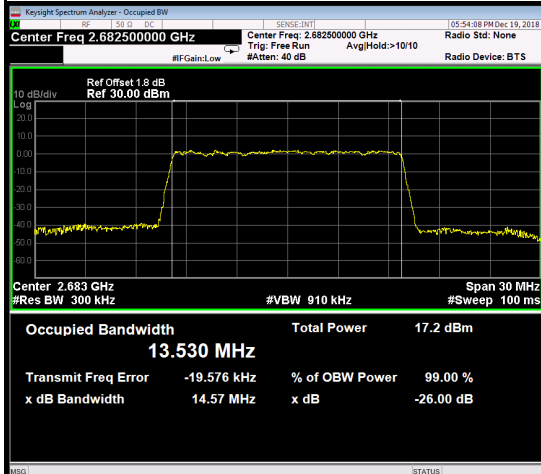
QPSK-39725



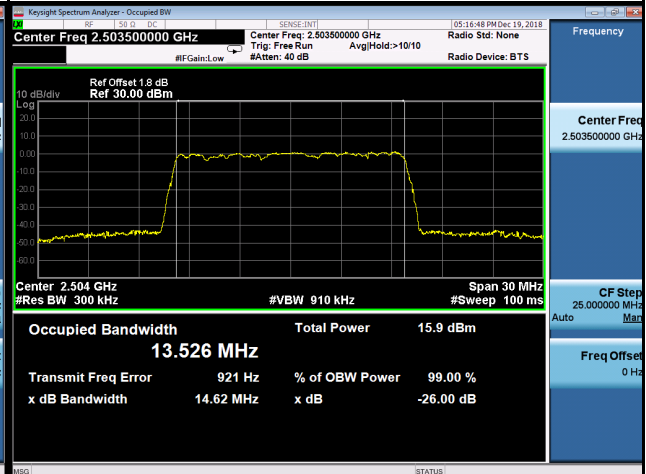
QPSK-40620



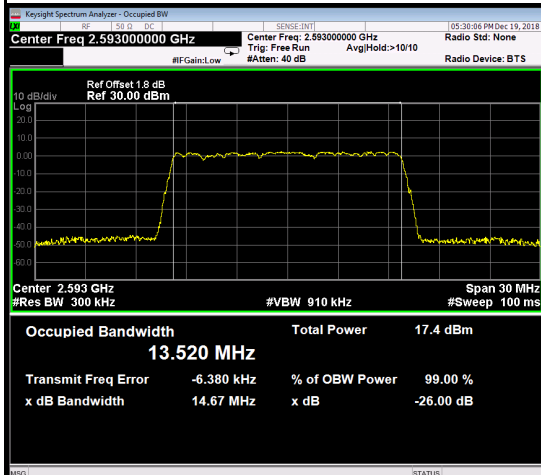
QPSK-41515



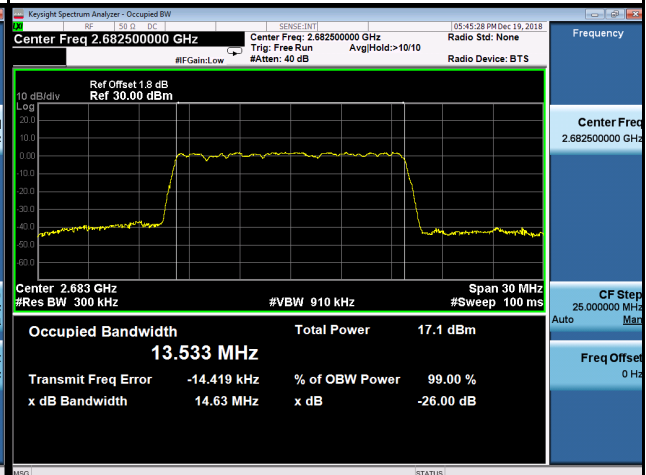
16QAM-39725

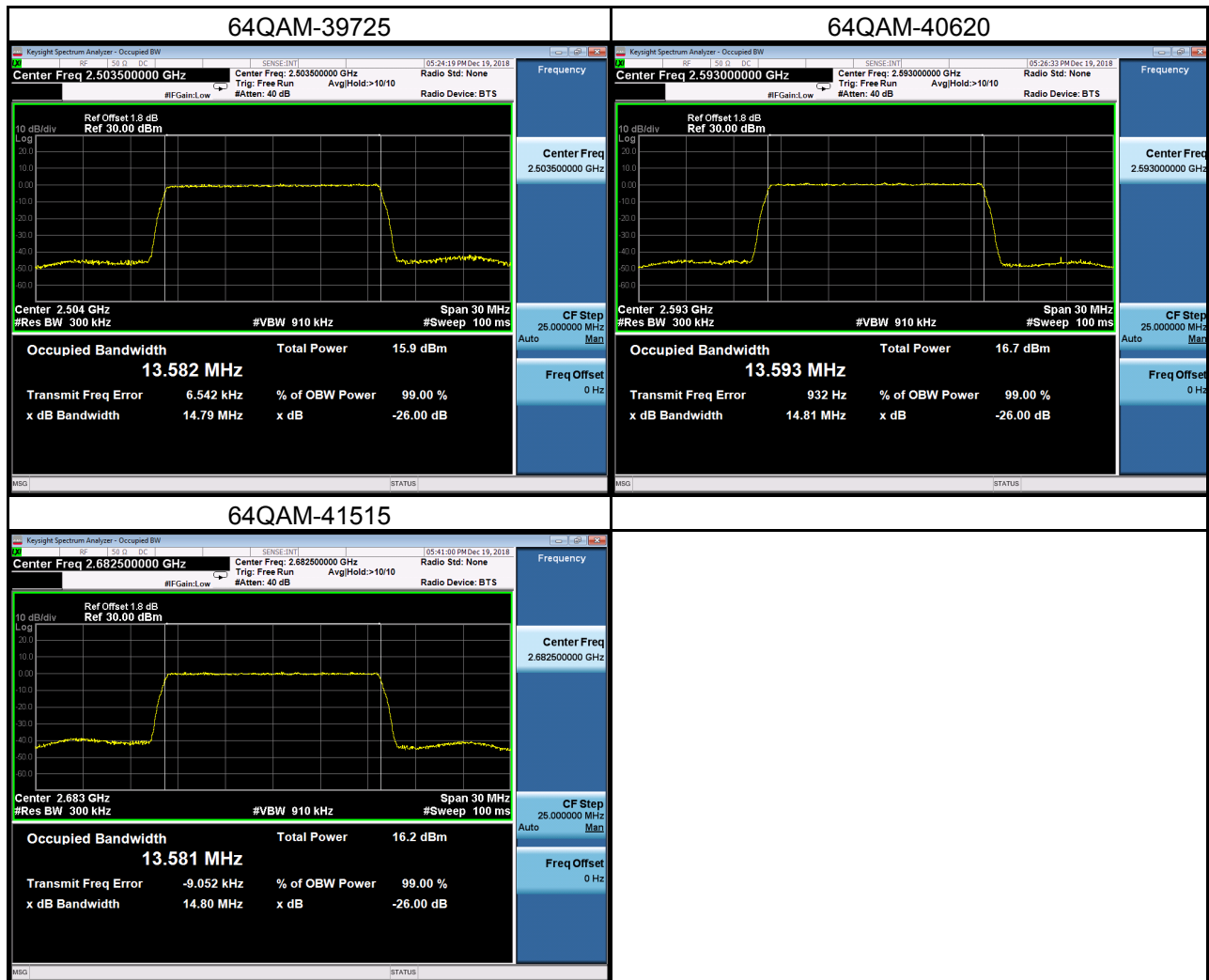


16QAM-40620



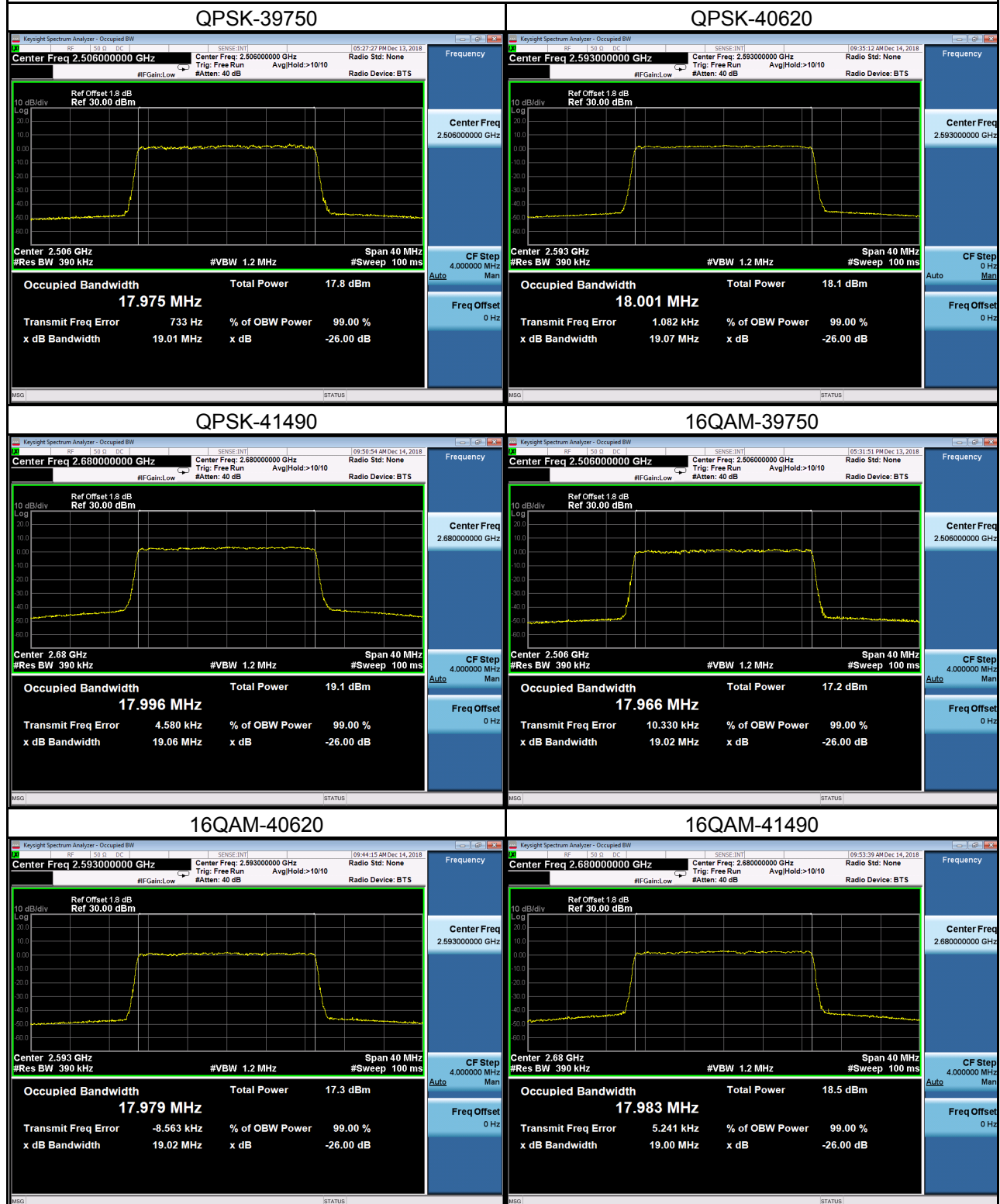
16QAM-41515





LTE Band 41_20M								
QPSK			16QAM			64QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
39750	2506.0	17.975	39750	2506.0	17.966	39750	2506.0	17.948
40620	2593.0	18.001	40620	2593.0	17.979	40620	2593.0	17.956
41490	2680.0	17.996	41490	2680.0	17.983	41490	2680.0	17.951
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
39750	2506.0	19.01	39750	2506.0	19.02	39750	2506.0	19.07
40620	2593.0	19.07	40620	2593.0	19.02	40620	2593.0	19.20
41490	2680.0	19.06	41490	2680.0	19.00	41490	2680.0	19.18

Spectrum Plot

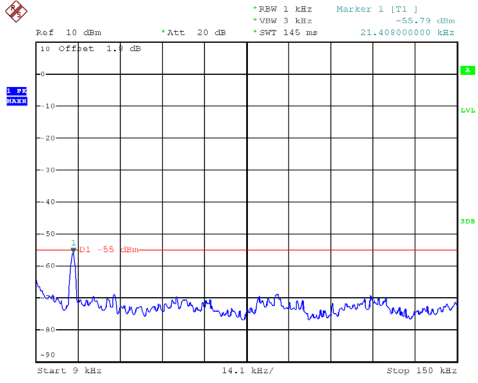
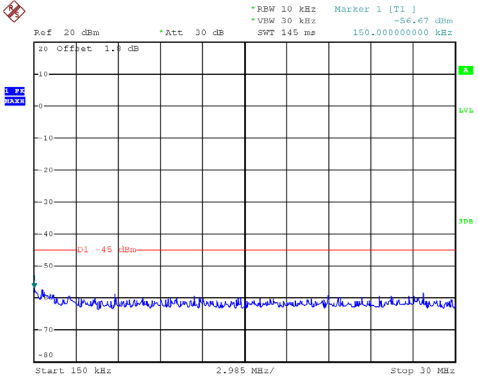
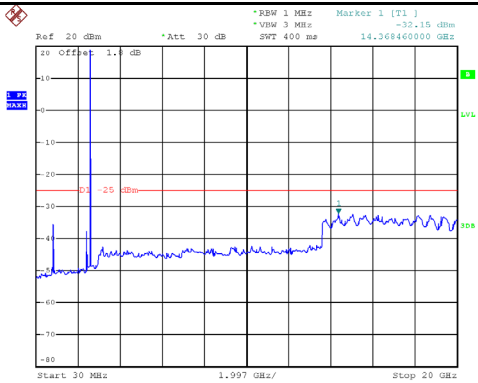


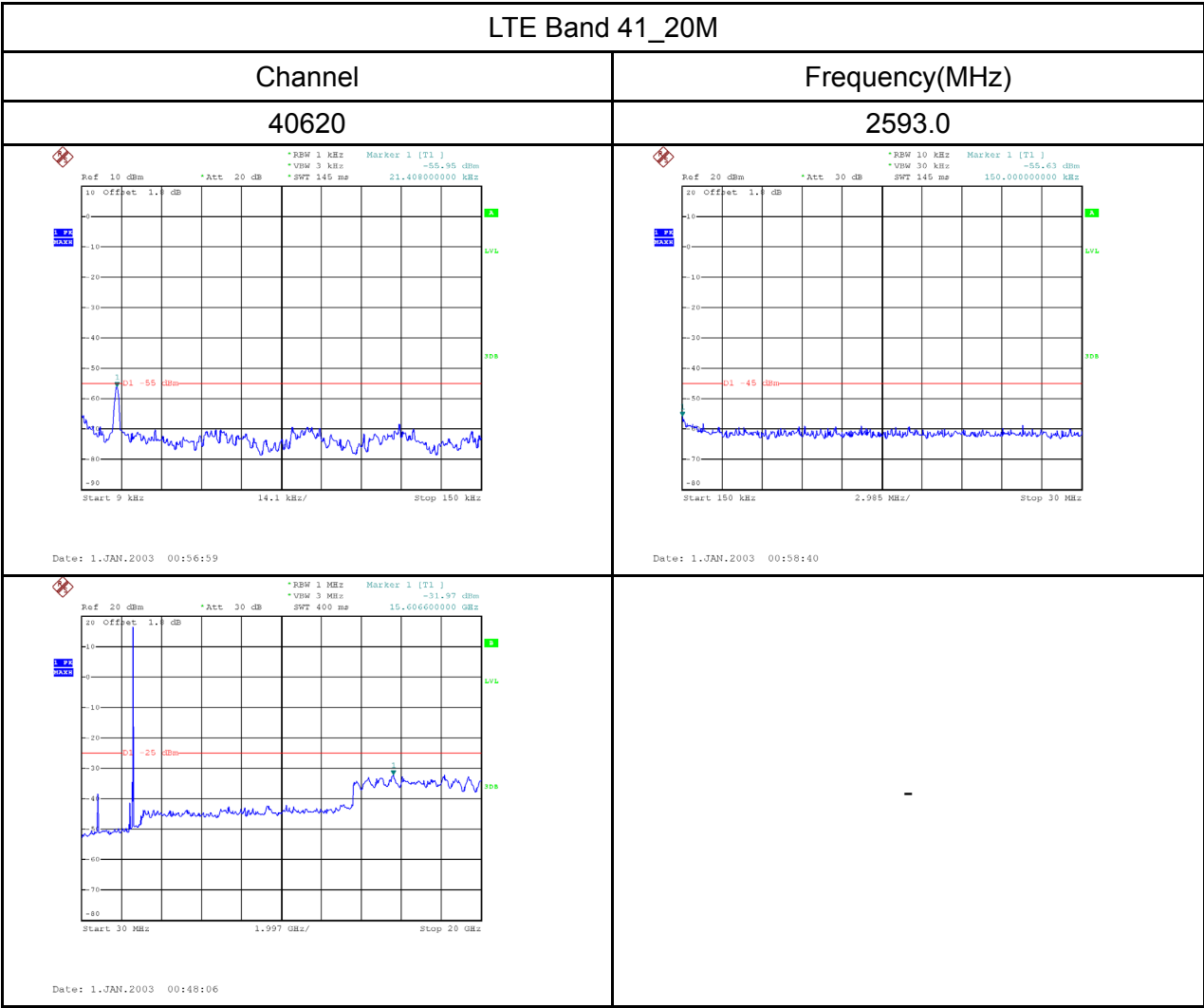


APPENDIX C - CONDUCTED EMISSIONS

For ANT 1

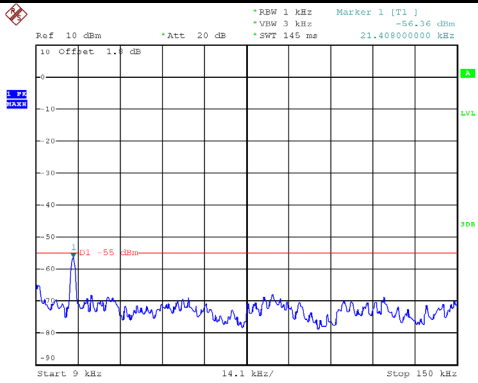
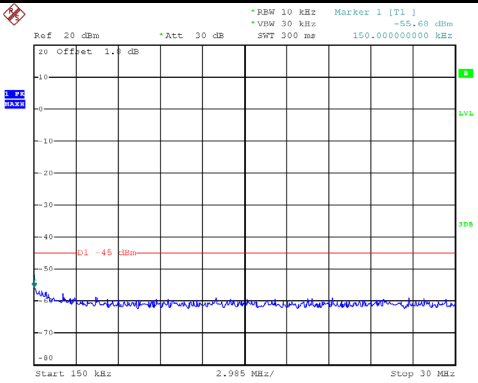
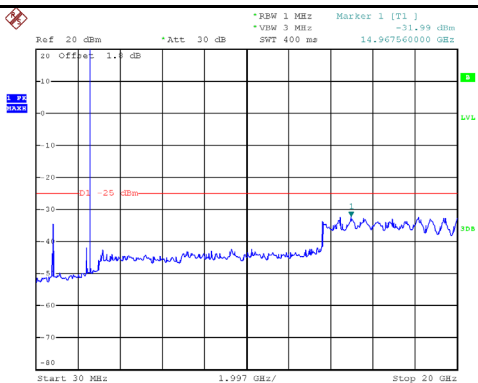
LTE Band 41_5M

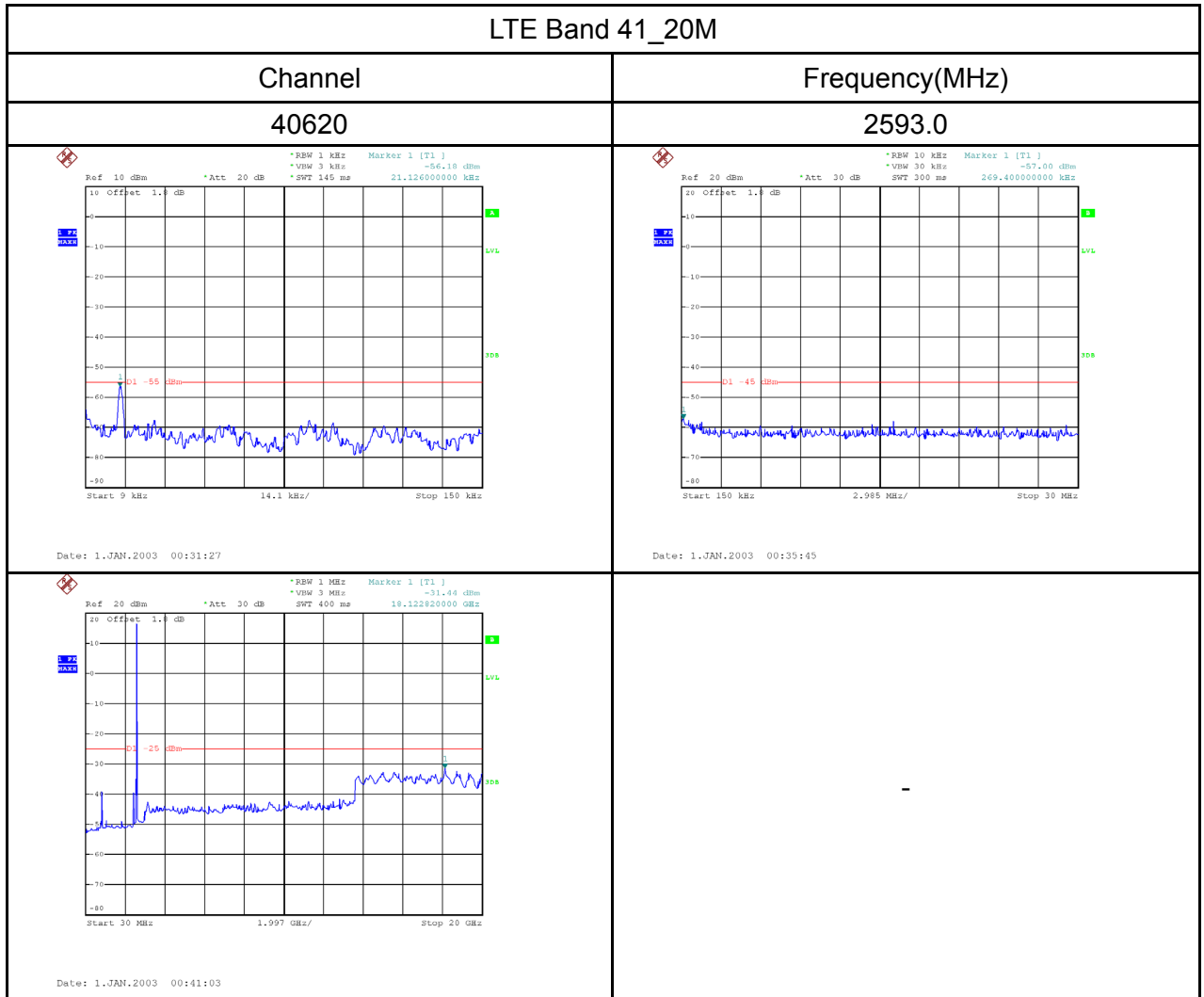
Channel	Frequency(MHz)
40620	2593.0
 Ref 10 dBm *Att 20 dB *BW 1 kHz Marker 1 [T1] -55.79 dBm *VMW 3 kHz *SWT 145 ms 21.408000000 kHz Date: 1.JAN.2003 00:56:41	 Ref 20 dBm *Att 30 dB *BW 10 kHz Marker 1 [T1] -56.67 dBm *VMW 30 kHz *SWT 145 ms 150.000000000 kHz Date: 1.JAN.2003 00:59:22
 Ref 20 dBm *Att 30 dB *BW 1 MHz Marker 1 [T1] -32.15 dBm *VMW 3 MHz *SWT 400 ms 14.368460000 GHz Date: 1.JAN.2003 00:54:48	



For ANT 2

LTE Band 41_5M

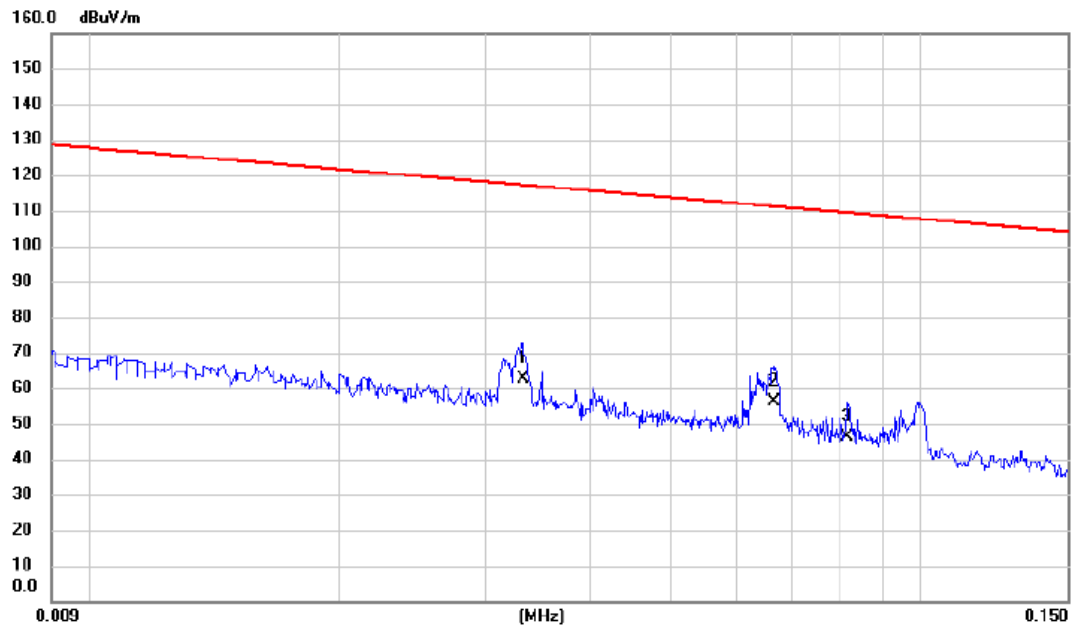
Channel	Frequency(MHz)
40620	2593.0
 Ref 10 dBm *Att 20 dB *RBW 1 kHz Marker 1 [T1] -56.36 dBm *VMW 3 kHz *SWT 145 ms 21.408000000 kHz Date: 1.JAN.2003 00:30:17	 Ref 20 dBm *Att 30 dB *RBW 10 kHz Marker 1 [T1] -55.68 dBm *VMW 30 kHz *SWT 300 ms 150.000000000 MHz Date: 1.JAN.2003 00:35:25
 Ref 20 dBm *Att 30 dB *RBW 1 MHz Marker 1 [T1] -31.99 dBm *VMW 3 MHz *SWT 400 ms 14.947560000 GHz Date: 1.JAN.2003 00:38:08	



APPENDIX C - RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode: TX Mode

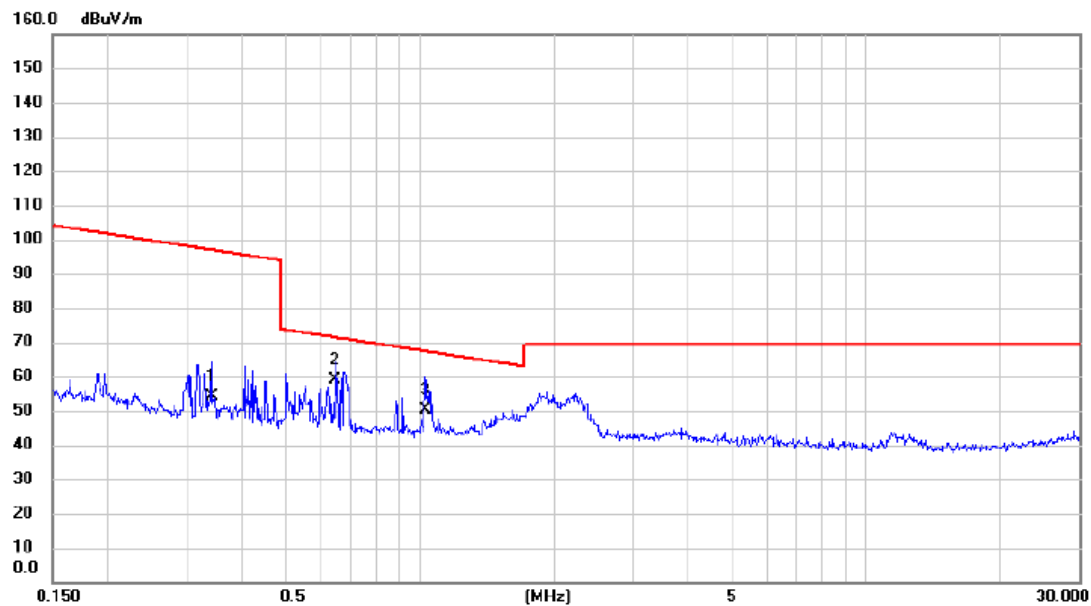
Ant 0°



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0333	42.90	19.81	62.71	117.16	-54.45	AVG	
2		0.0667	36.90	19.20	56.10	111.12	-55.02	AVG	
3		0.0816	27.40	18.88	46.28	109.37	-63.09	AVG	

Test Mode: TX Mode

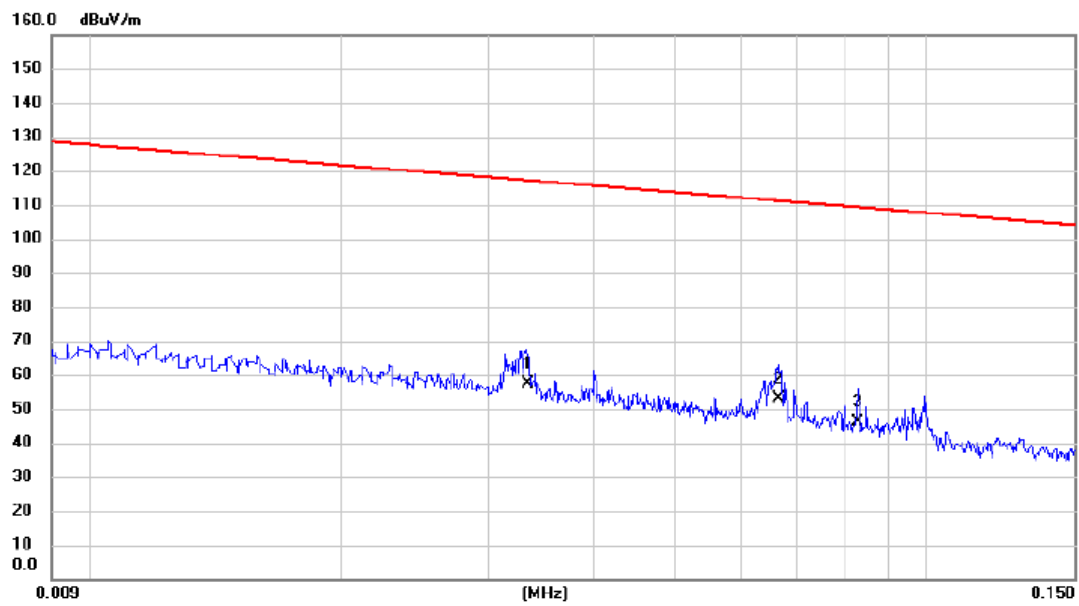
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.3410	37.30	17.02	54.32	96.95	-42.63	AVG	
2	*	0.6440	42.20	16.91	59.11	71.43	-12.32	QP	
3		1.0265	33.40	16.61	50.01	67.38	-17.37	QP	

Test Mode: TX Mode

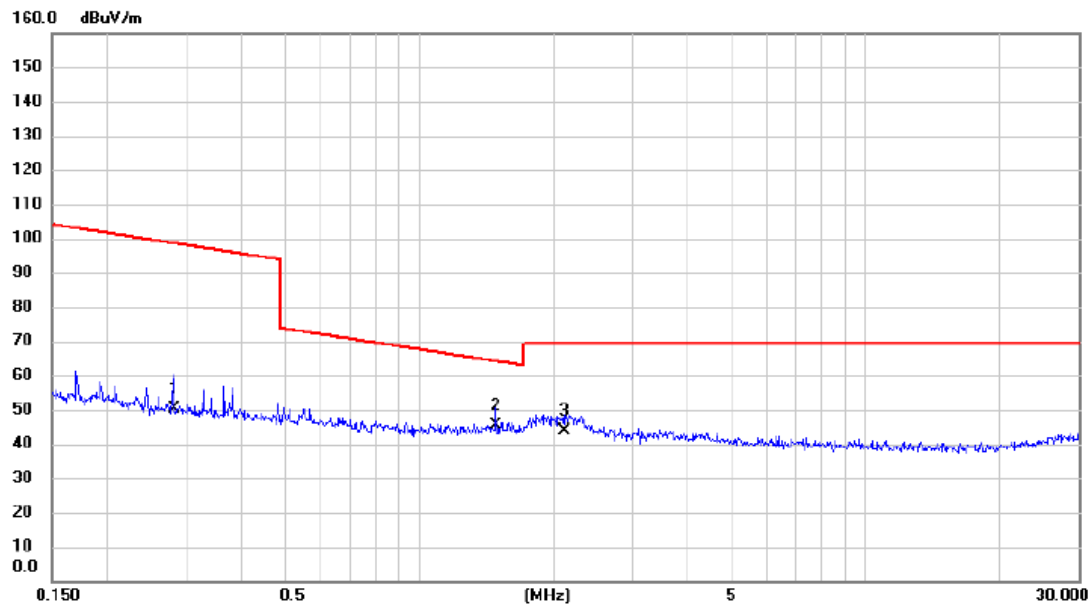
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0334	37.50	19.81	57.31	117.13	-59.82	AVG	
2	*	0.0665	33.80	19.20	53.00	111.15	-58.15	AVG	
3		0.0827	27.19	18.86	46.05	109.25	-63.20	AVG	

Test Mode: TX Mode

Ant 90°

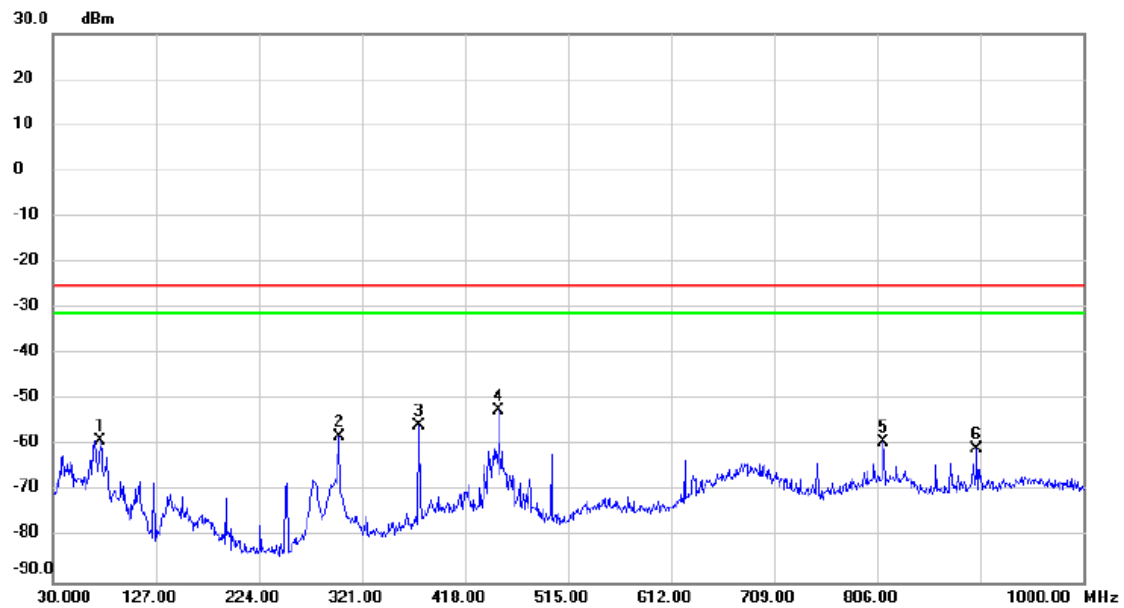


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2818	33.30	17.05	50.35	98.61	-48.26	AVG	
2	*	1.4796	28.60	16.85	45.45	64.20	-18.75	QP	
3		2.1213	26.70	17.05	43.75	69.54	-25.79	QP	

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

Test Mode: LTE Band 41_5M

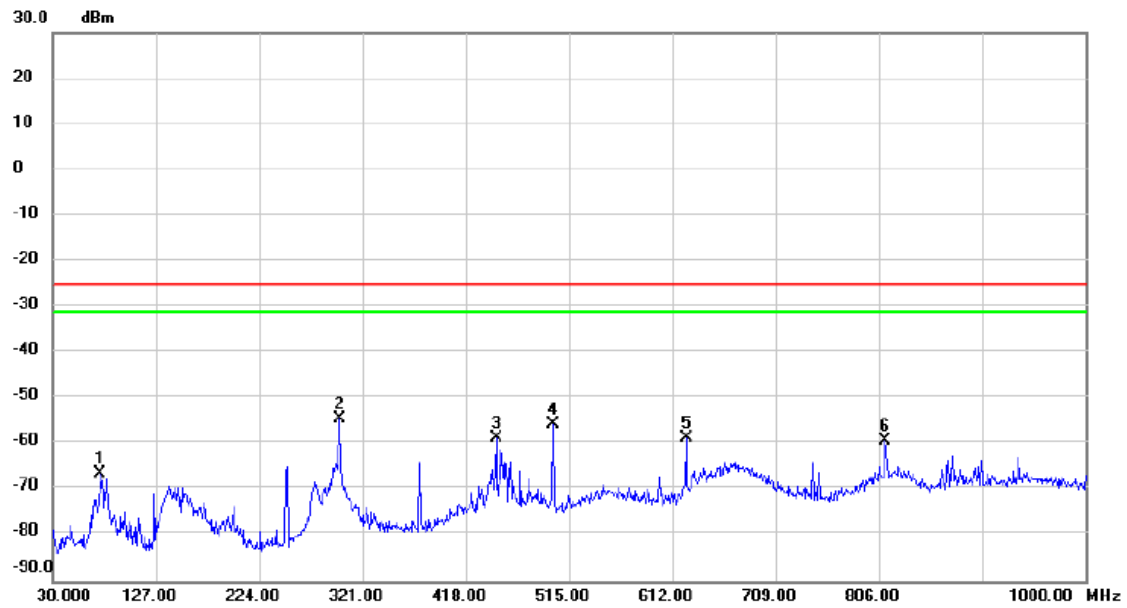
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		74.620	-40.61	-18.34	-58.95	-25.00	-33.95	peak	
2		300.145	-47.76	-10.37	-58.13	-25.00	-33.13	peak	
3		374.835	-45.39	-10.24	-55.63	-25.00	-30.63	peak	
4	*	450.010	-45.04	-7.40	-52.44	-25.00	-27.44	peak	
5		812.305	-58.14	-1.23	-59.37	-25.00	-34.37	peak	
6		900.090	-60.05	-0.60	-60.65	-25.00	-35.65	peak	

Test Mode: LTE Band 41_5M

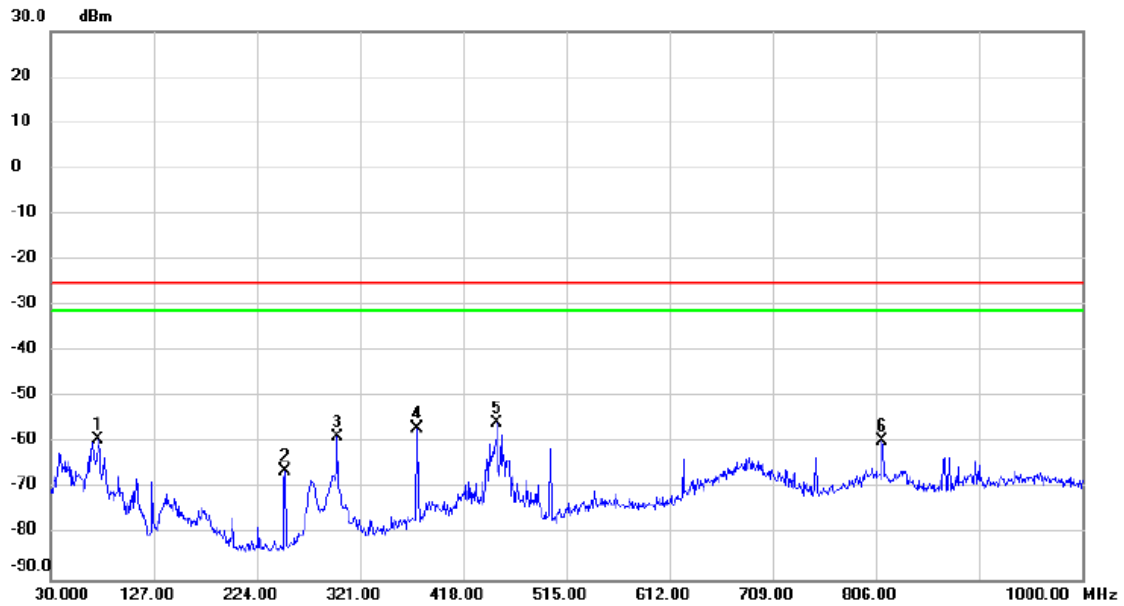
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		74.620	-48.10	-18.34	-66.44	-25.00	-41.44	peak	
2	*	300.145	-44.18	-10.37	-54.55	-25.00	-29.55	peak	
3		446.615	-51.19	-7.54	-58.73	-25.00	-33.73	peak	
4		499.965	-47.15	-8.53	-55.68	-25.00	-30.68	peak	
5		625.095	-52.86	-5.73	-58.59	-25.00	-33.59	peak	
6		812.305	-58.09	-1.23	-59.32	-25.00	-34.32	peak	

Test Mode: LTE Band 41_20M

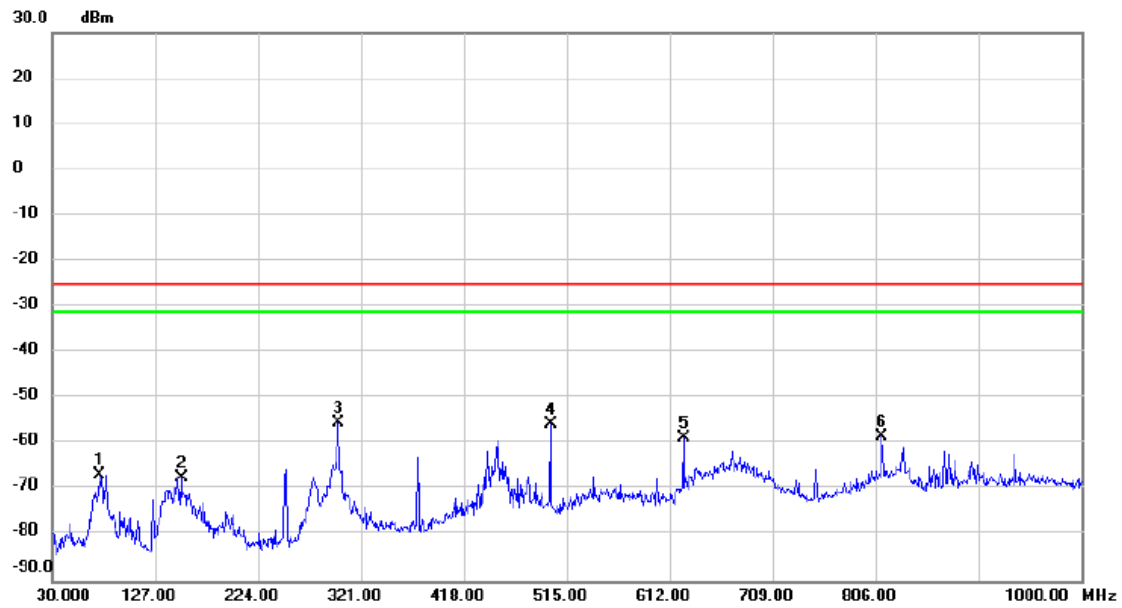
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		74.620	-40.94	-18.34	-59.28	-25.00	-34.28	peak	
2		250.190	-51.93	-14.28	-66.21	-25.00	-41.21	peak	
3		300.145	-48.33	-10.37	-58.70	-25.00	-33.70	peak	
4		374.835	-46.46	-10.24	-56.70	-25.00	-31.70	peak	
5	*	450.010	-48.40	-7.40	-55.80	-25.00	-30.80	peak	
6		812.305	-58.22	-1.23	-59.45	-25.00	-34.45	peak	

Test Mode: LTE Band 41_20M

Horizontal

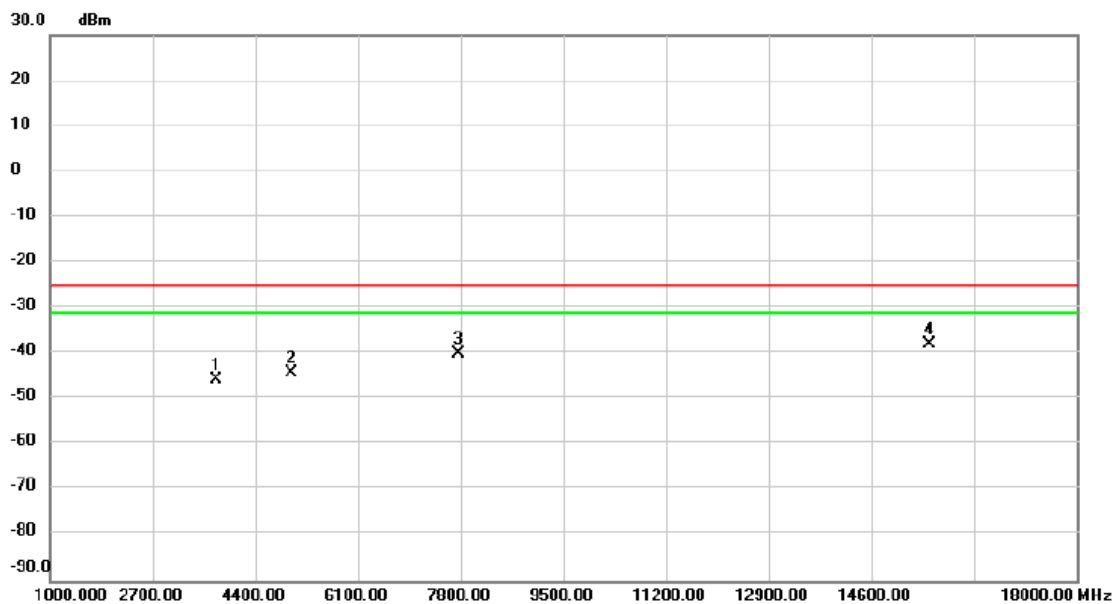


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		74.620	-48.41	-18.34	-66.75	-25.00	-41.75	peak	
2		151.735	-56.09	-11.33	-67.42	-25.00	-42.42	peak	
3	*	300.145	-44.87	-10.37	-55.24	-25.00	-30.24	peak	
4		499.965	-47.12	-8.53	-55.65	-25.00	-30.65	peak	
5		625.095	-52.94	-5.73	-58.67	-25.00	-33.67	peak	
6		812.305	-57.21	-1.23	-58.44	-25.00	-33.44	peak	

APPENDIX E - RADIATED EMISSION (ABOVE 1GHZ)

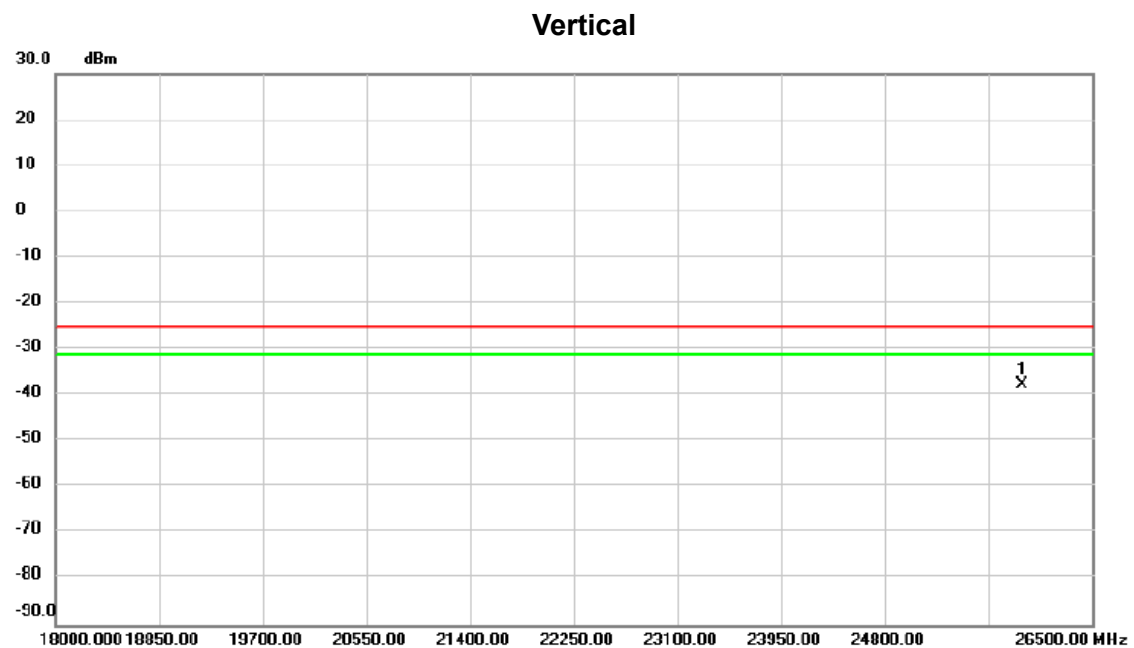
Test Mode: LTE Band 41_ 5M

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3754.000	-46.87	1.06	-45.81	-25.00	-20.81	peak	
2		5003.500	-48.10	3.97	-44.13	-25.00	-19.13	peak	
3		7774.500	-50.12	9.93	-40.19	-25.00	-15.19	peak	
4	*	15560.500	-52.23	14.23	-38.00	-25.00	-13.00	peak	

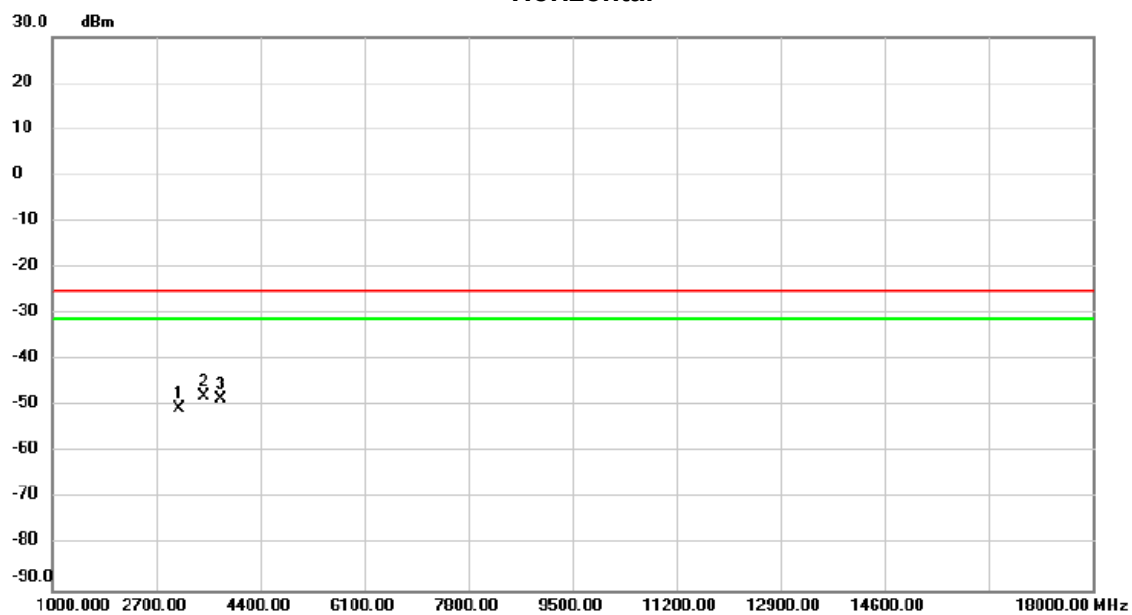
Test Mode:	LTE Band 41_ 5M
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	25930.50	-59.29	21.63	-37.66	-25.00	-12.66	peak	

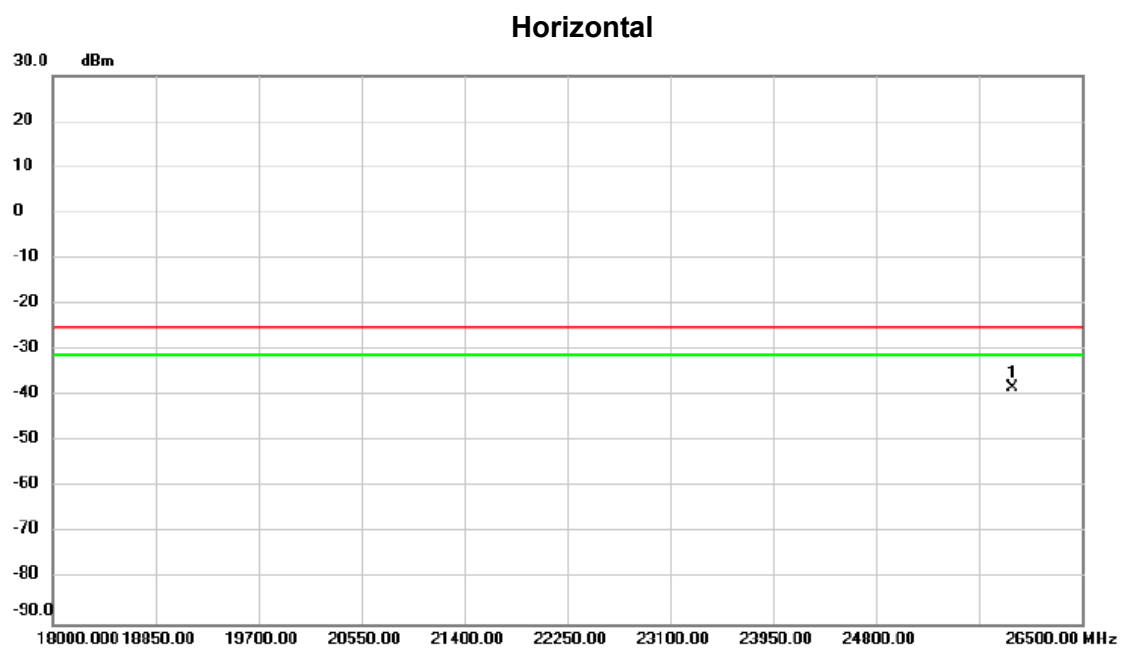
Test Mode: LTE Band 41_ 5M

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3065.500	-50.53	-0.01	-50.54	-25.00	-25.54	peak	
2	*	3473.500	-48.14	0.18	-47.96	-25.00	-22.96	peak	
3		3754.000	-49.43	1.06	-48.37	-25.00	-23.37	peak	

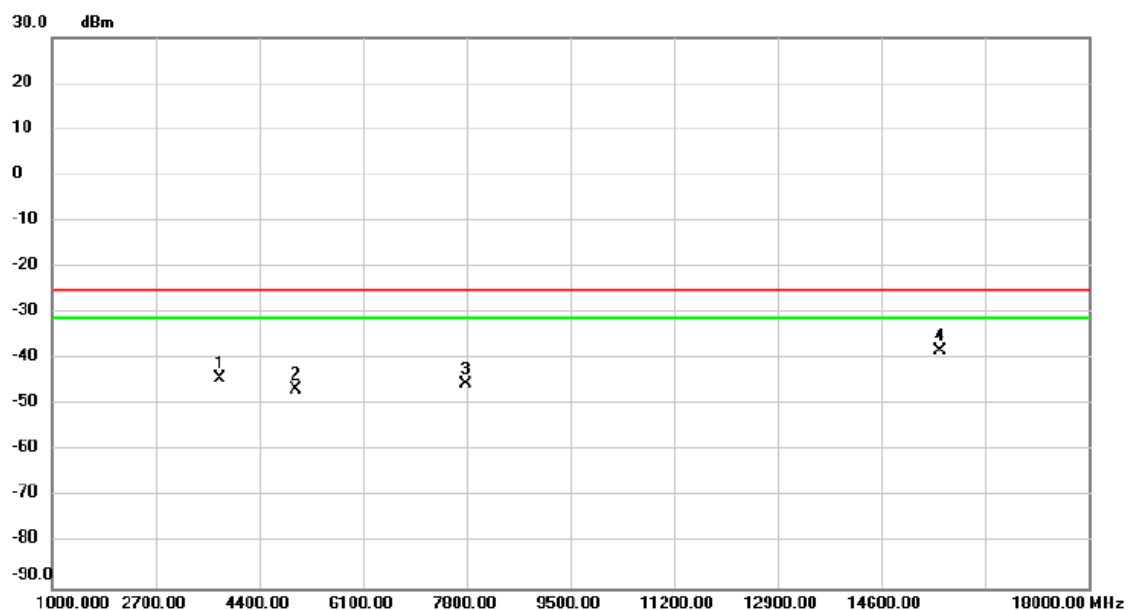
Test Mode:	LTE Band 41_ 5M
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	25930.50	-59.86	21.63	-38.23	-25.00	-13.23	peak	

Test Mode: LTE Band 41_ 20M

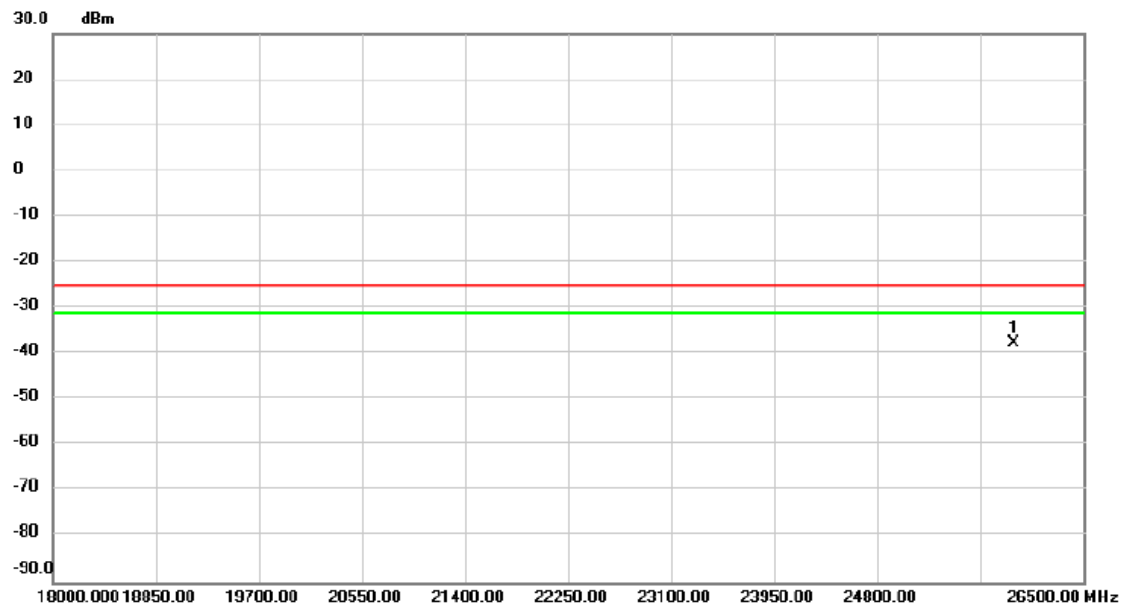
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3754.000	-45.42	1.06	-44.36	-25.00	-19.36	peak	
2		5003.500	-50.56	3.97	-46.59	-25.00	-21.59	peak	
3		7783.000	-55.49	9.92	-45.57	-25.00	-20.57	peak	
4	*	15560.50	-52.60	14.23	-38.37	-25.00	-13.37	peak	

Test Mode: LTE Band 41_ 20M

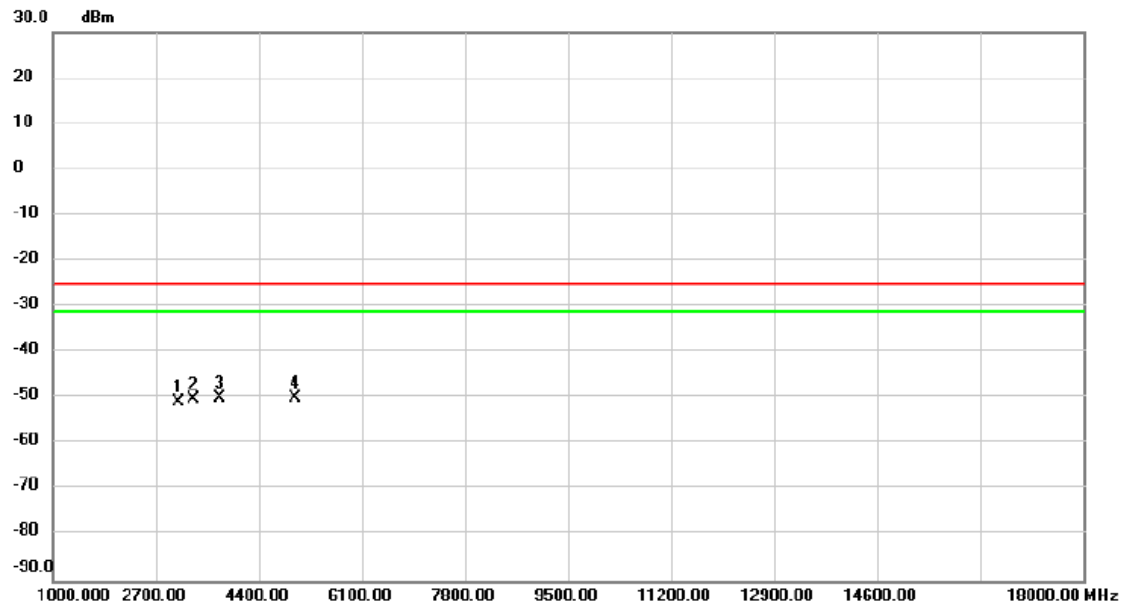
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25930.50	-59.27	21.63	-37.64	-25.00	-12.64	peak	

Test Mode: LTE Band 41_ 20M

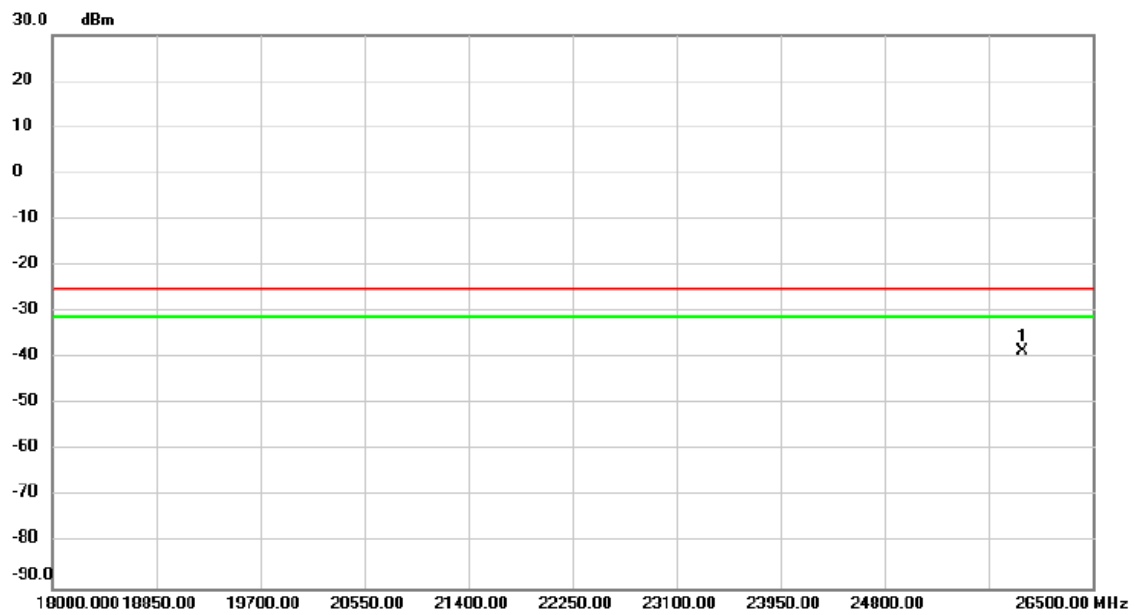
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3065.500	-50.94	-0.01	-50.95	-25.00	-25.95	peak	
2		3312.000	-50.26	0.10	-50.16	-25.00	-25.16	peak	
3		3754.000	-51.01	1.06	-49.95	-25.00	-24.95	peak	
4	*	5003.500	-53.89	3.97	-49.92	-25.00	-24.92	peak	

Test Mode: LTE Band 41_ 20M

Horizontal



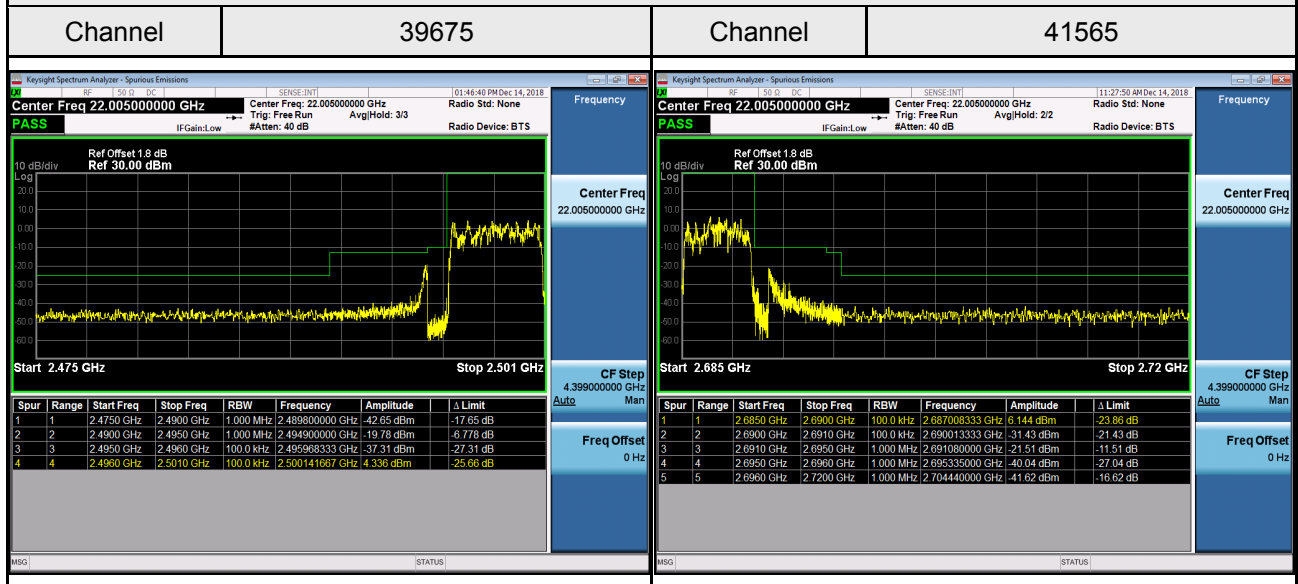
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25930.50	-60.25	21.63	-38.62	-25.00	-13.62	peak	

APPENDIX F - BAND EDGE

For ANT 1

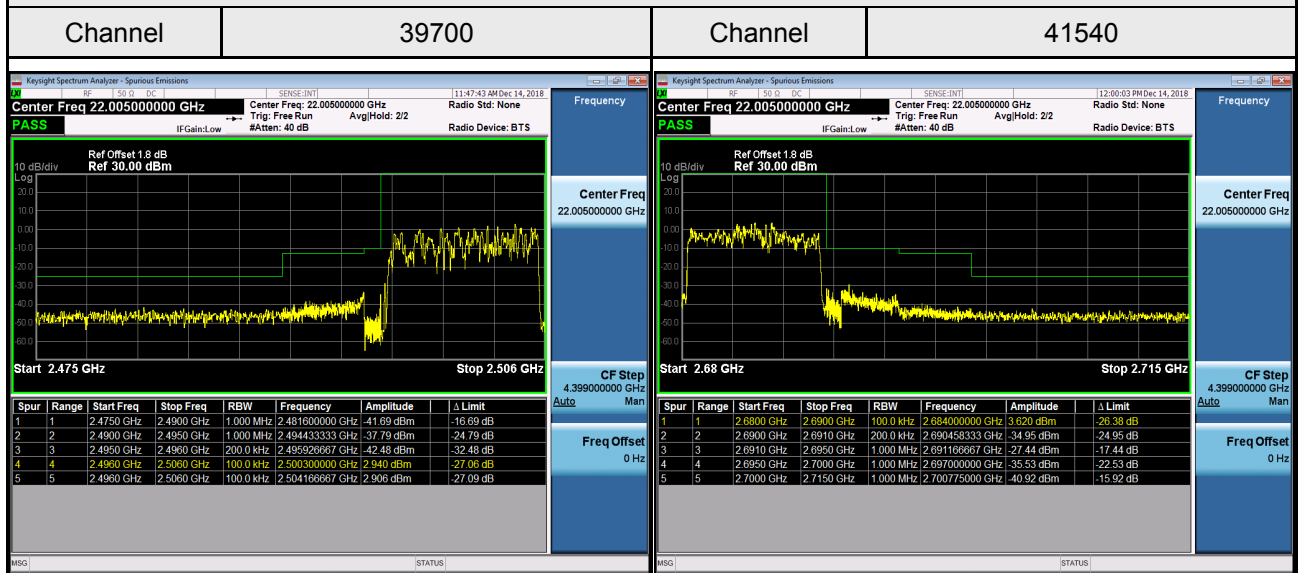
LTE Band 41_5M

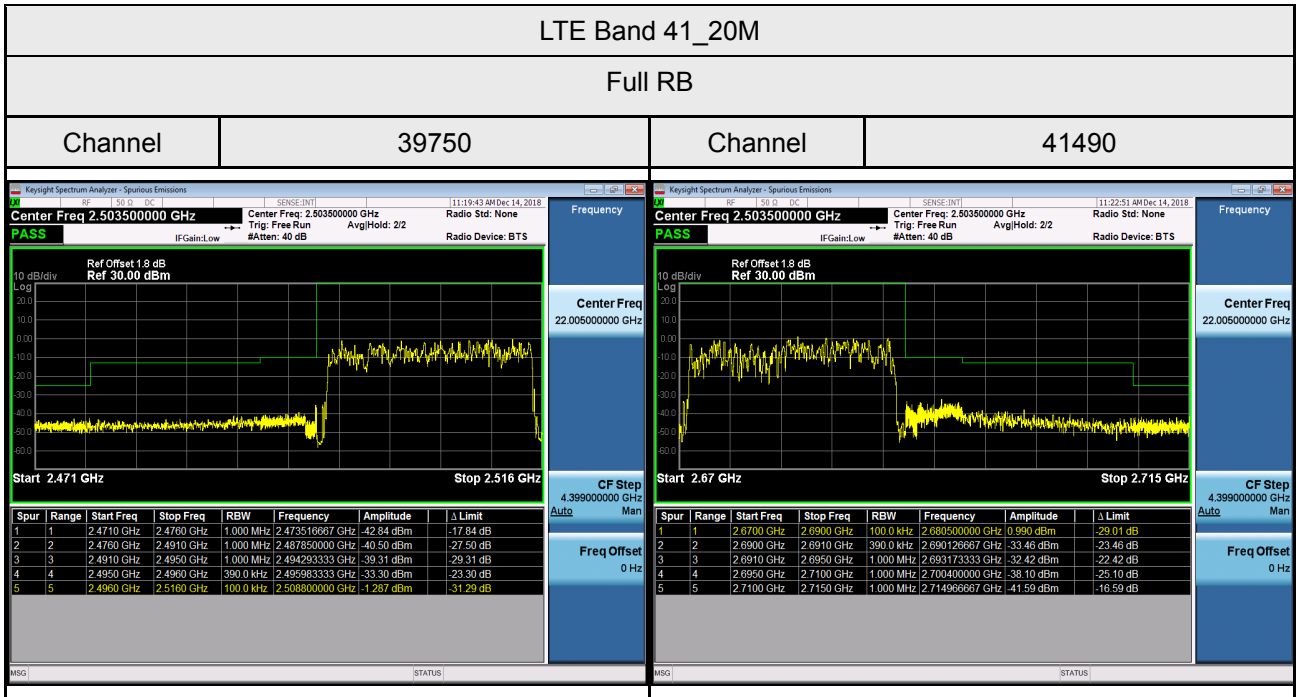
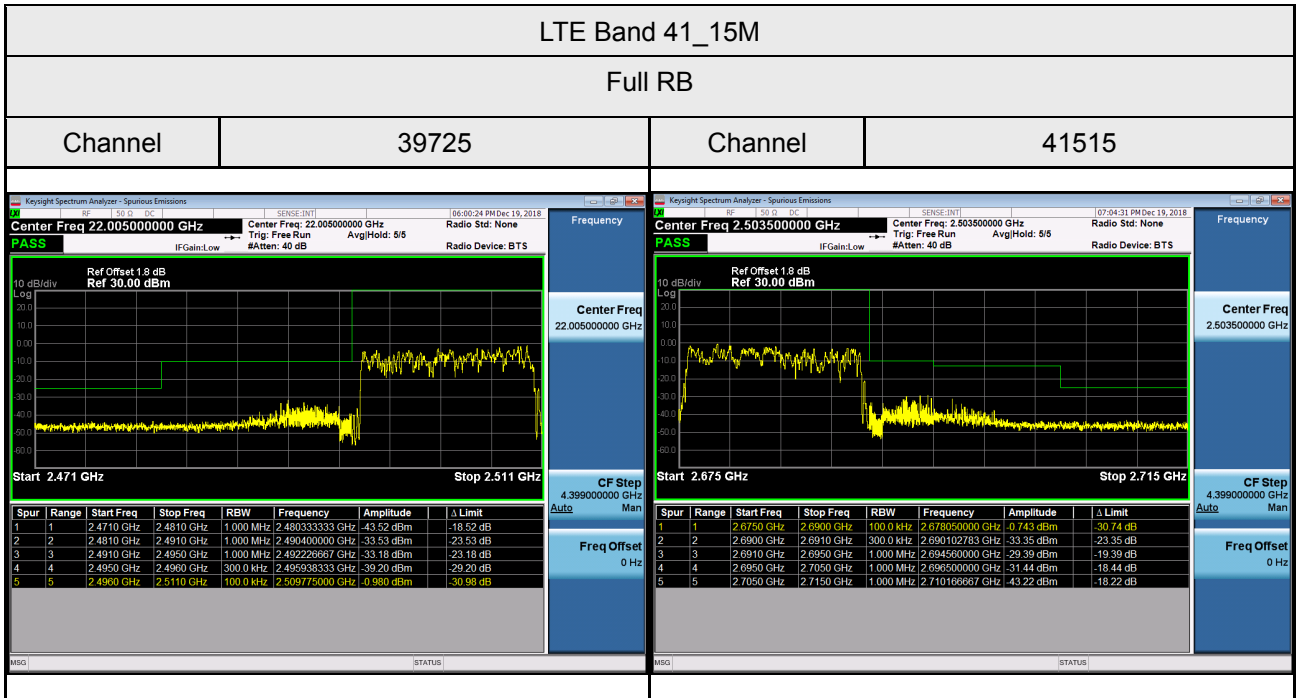
Full RB



LTE Band 41_10M

Full RB

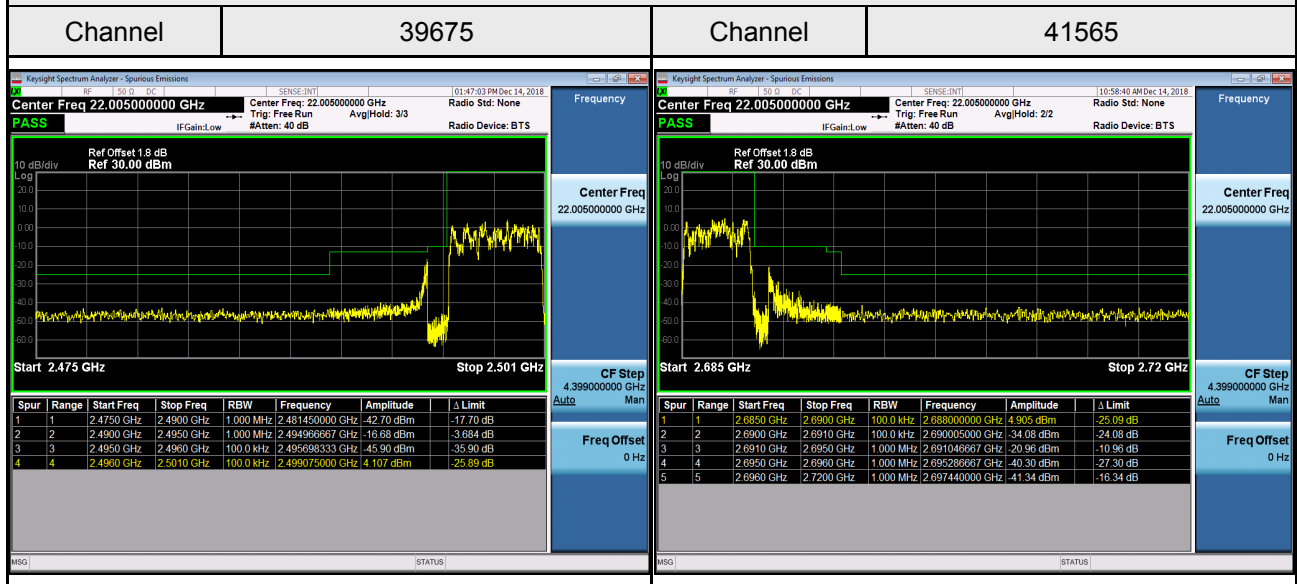




For ANT 2

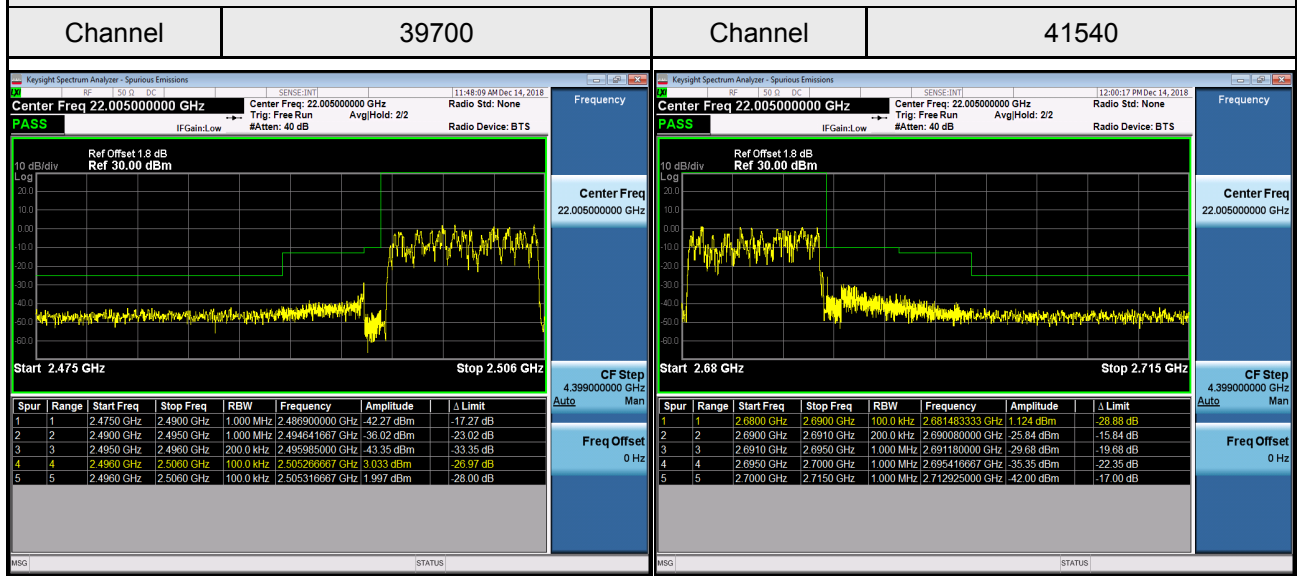
LTE Band 41_5M

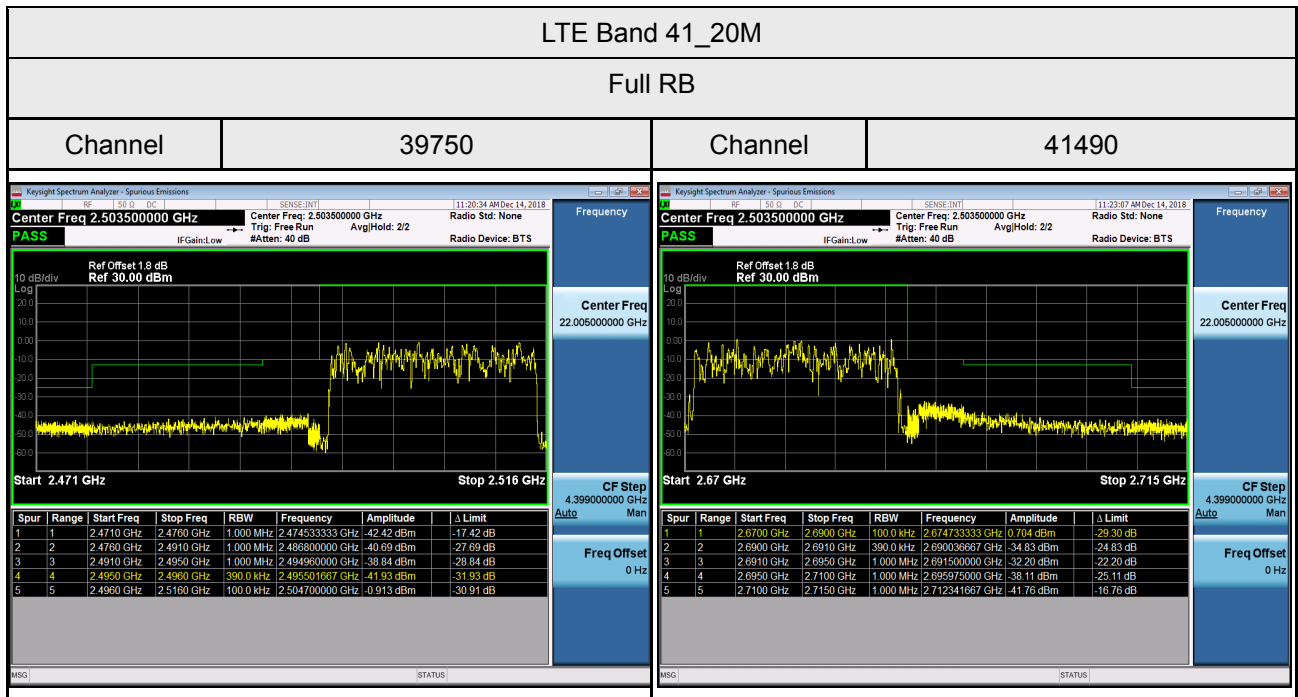
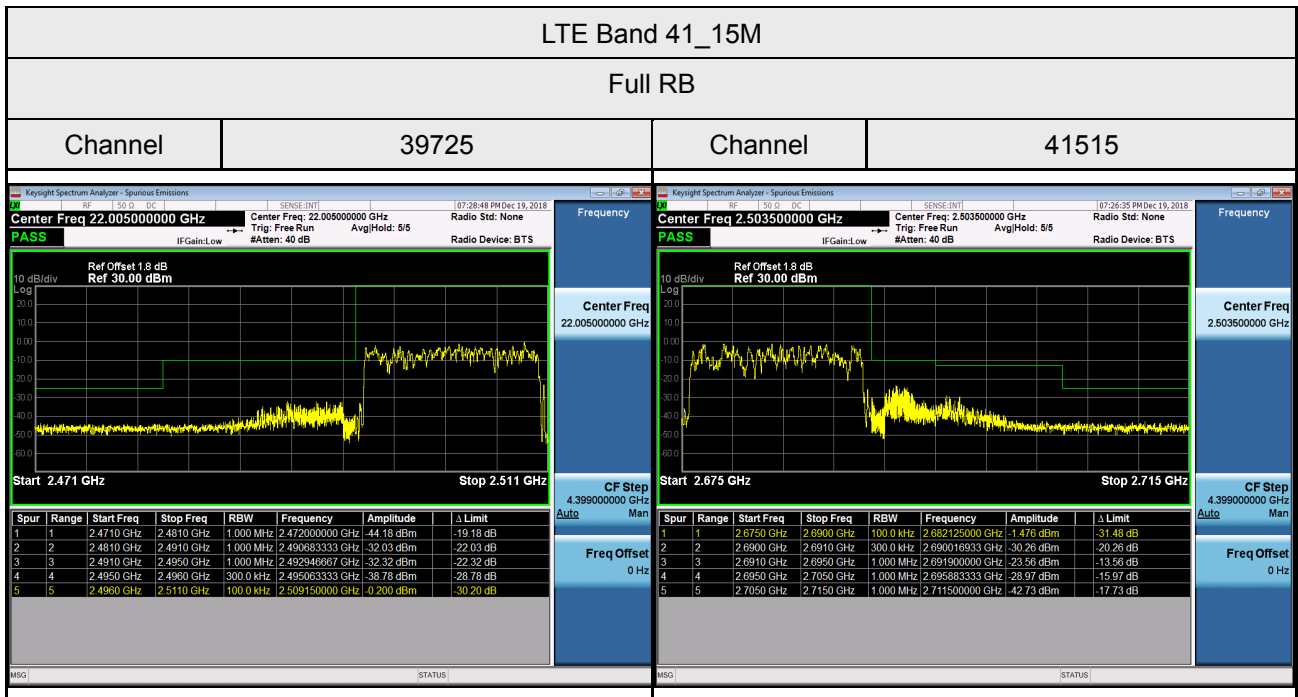
Full RB



LTE Band 41_10M

Full RB



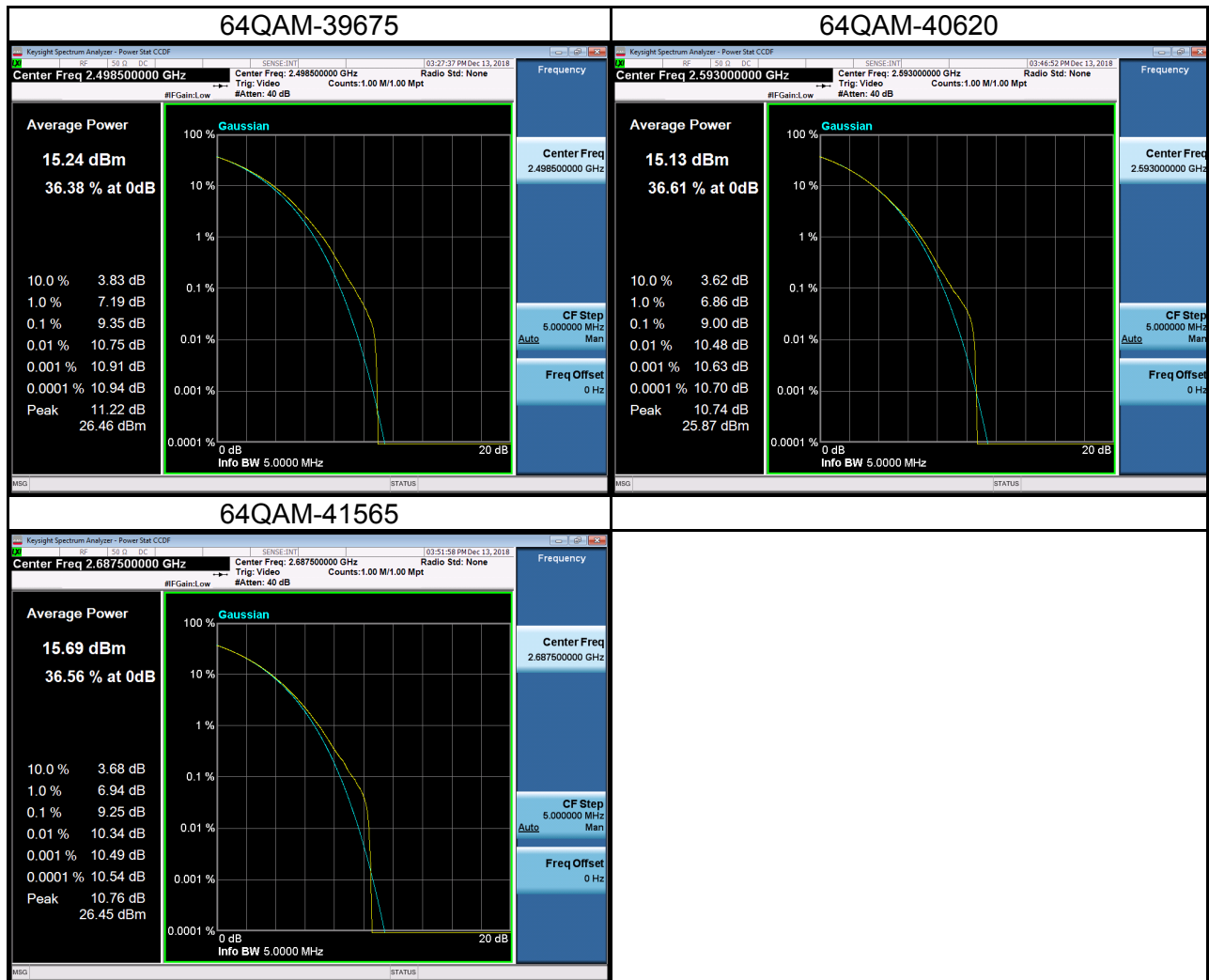


APPENDIX G - PEAK TO AVERAGE RATIO

For ANT 1

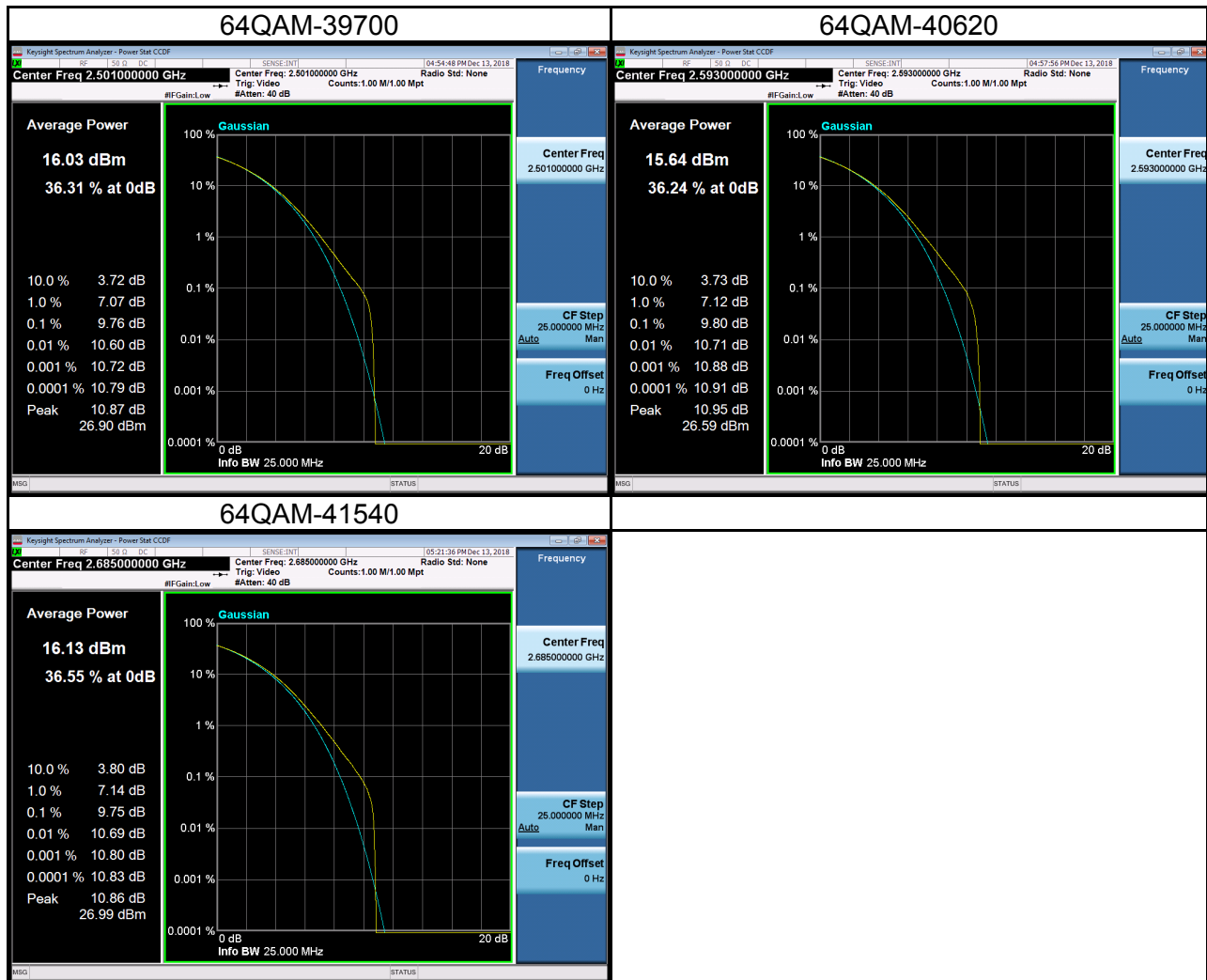
LTE Band 41 Spectrum Plot_5M





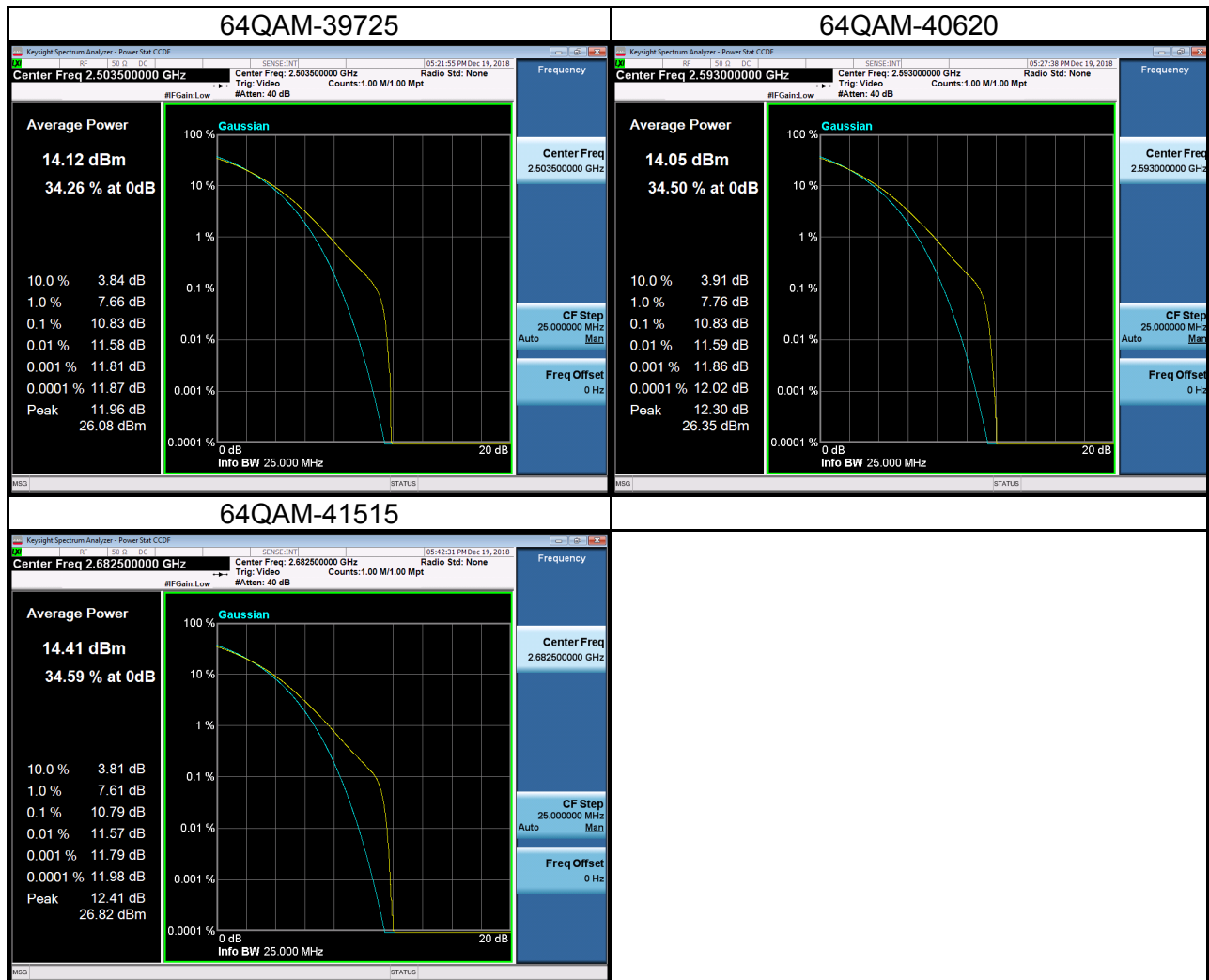
LTE Band 41 Spectrum Plot_10M





LTE Band 41 Spectrum Plot_15M





LTE Band 41 Spectrum Plot_20M

