

LTE Band 26_10MHz Spectrum Plot

1RB#0

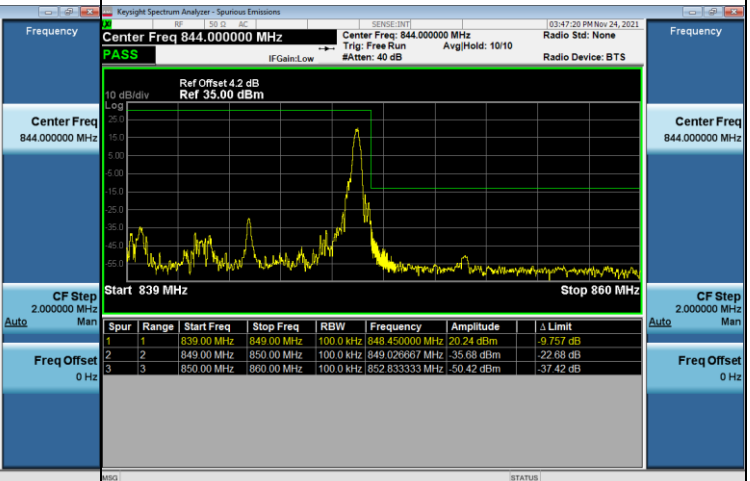
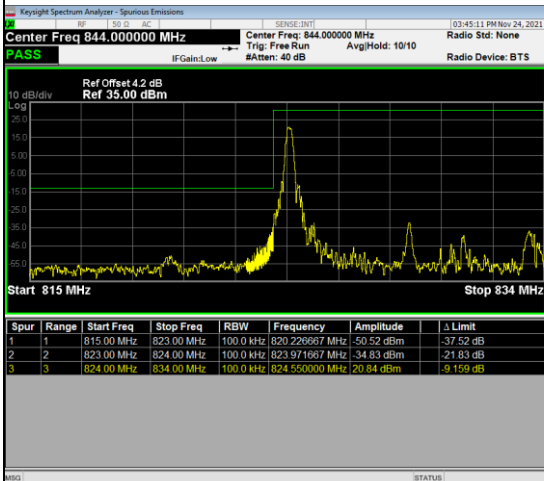
1RB#49

Channel

26840

Channel

26690



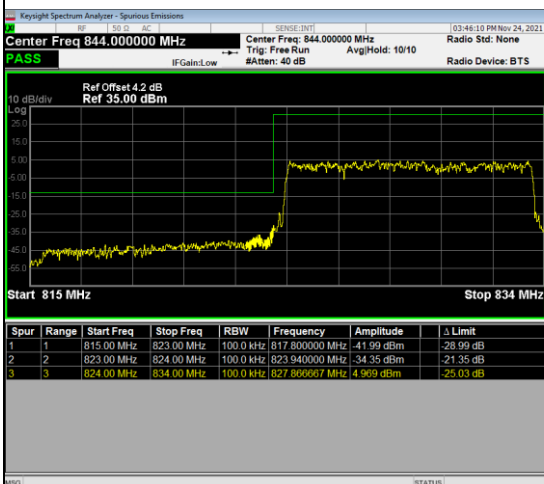
50RB#0

Channel

26840

Channel

26690



LTE Band 26_15MHz Spectrum Plot

1RB#0

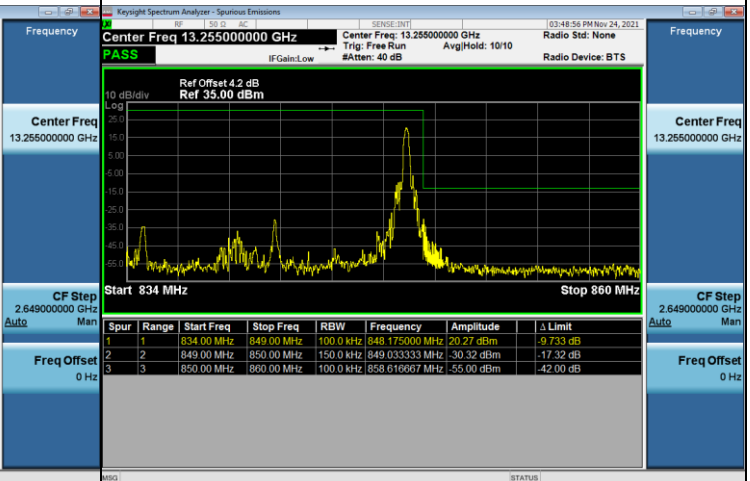
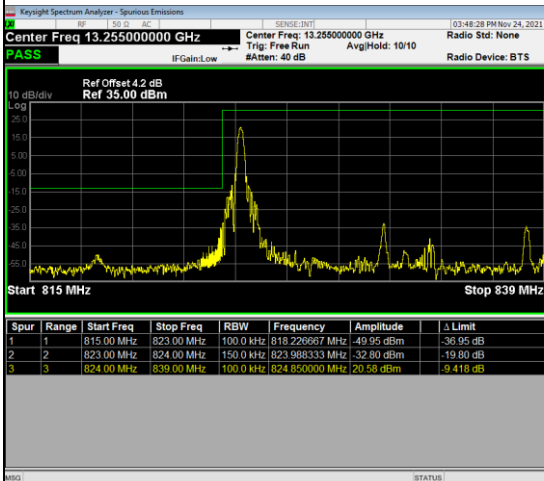
1RB#74

Channel

26865

Channel

26965



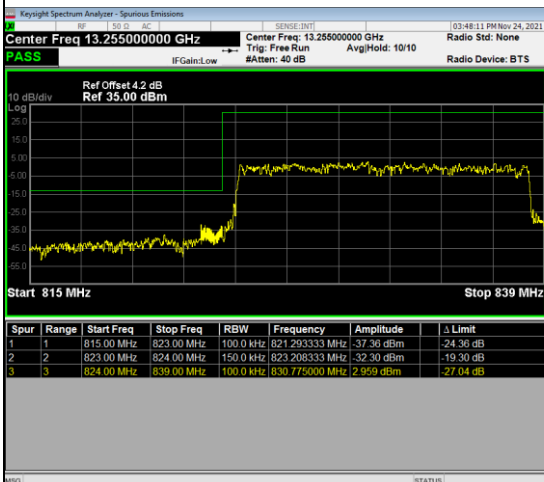
75RB#0

Channel

26865

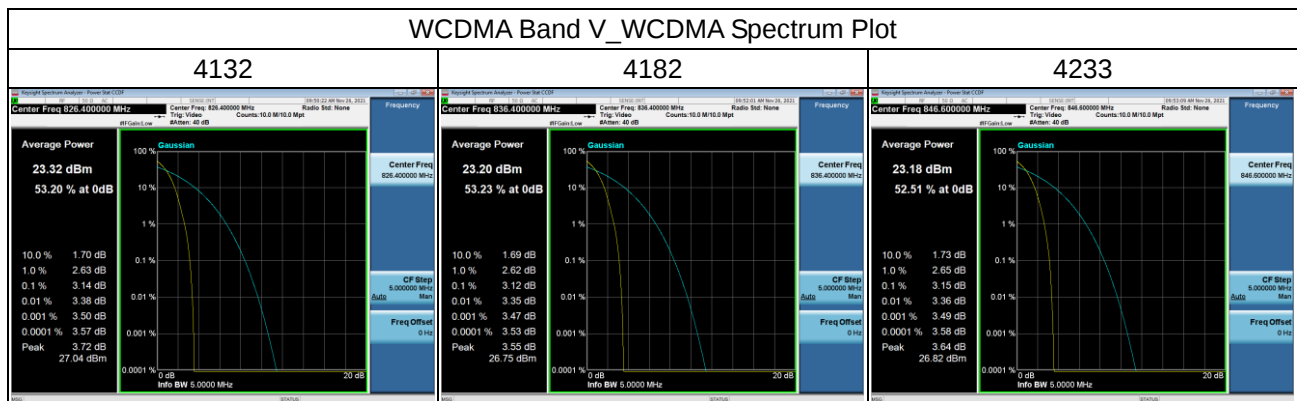
Channel

26965

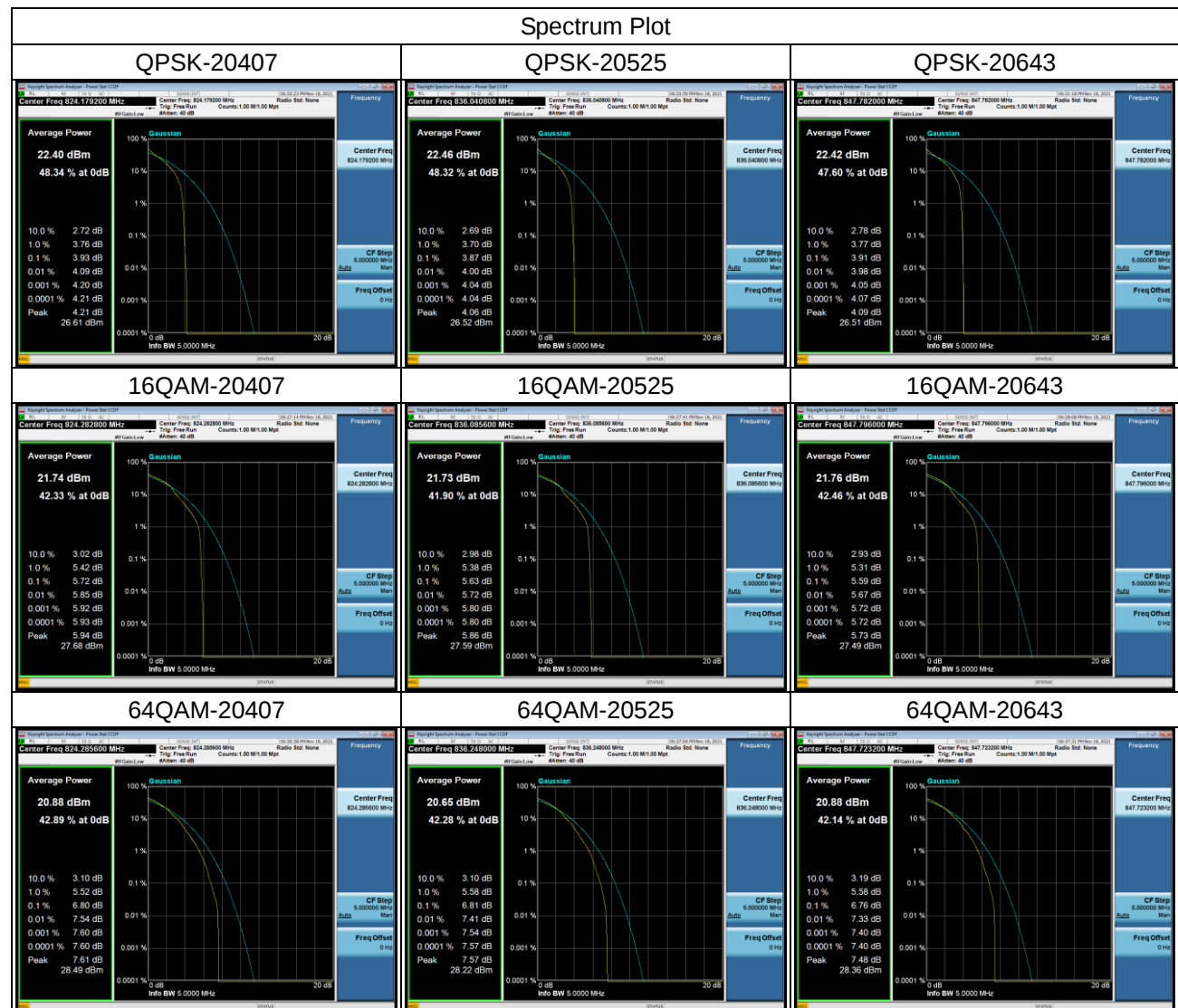


APPENDIX H - PEAK TO AVERAGE RATIO

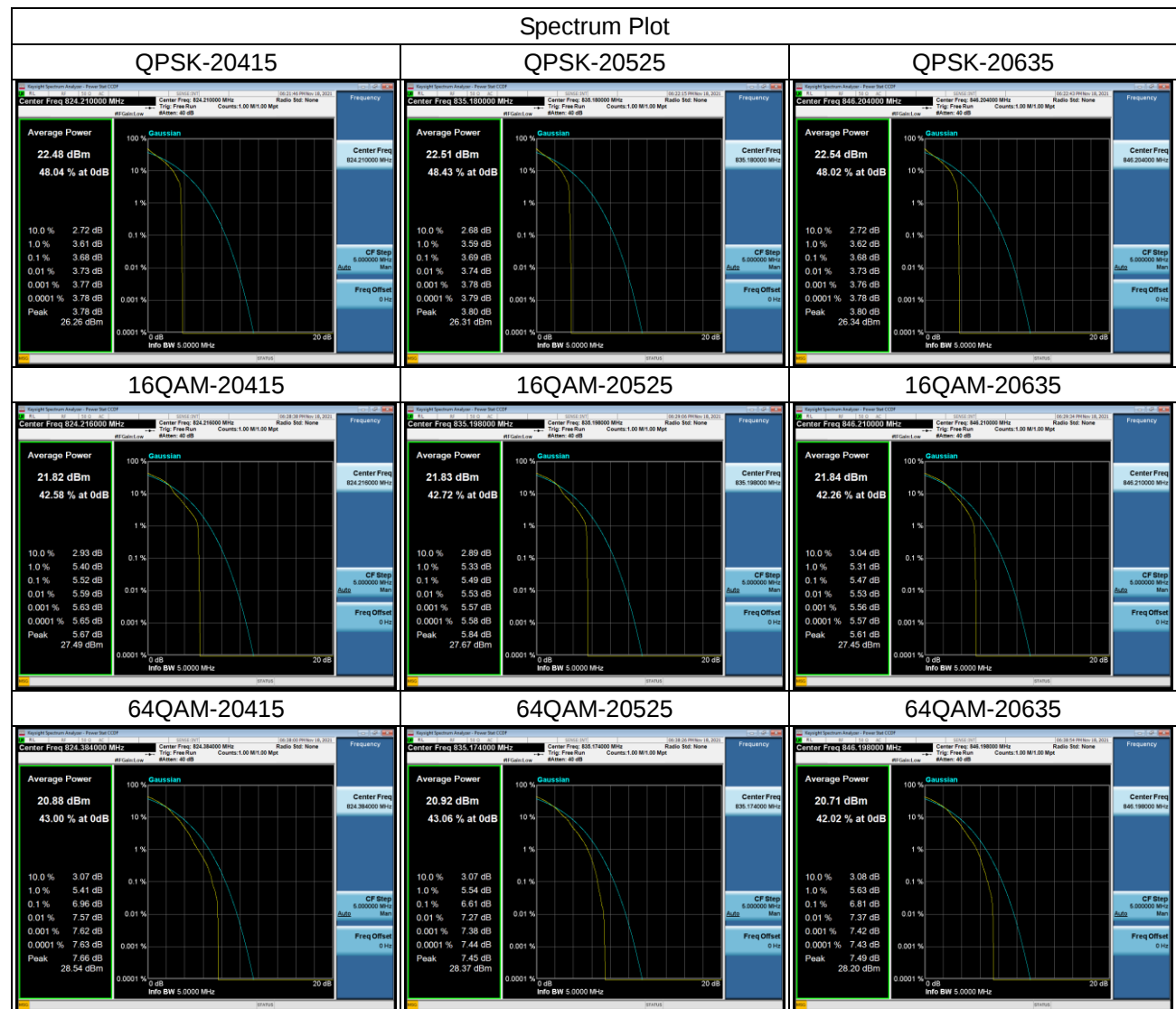
WCDMA Band V_WCDMA				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)	Max. Limit (dB)	Result
		QPSK		
4132	826.4	3.14	13	Pass
4182	836.4	3.12	13	Pass
4233	846.6	3.15	13	Pass



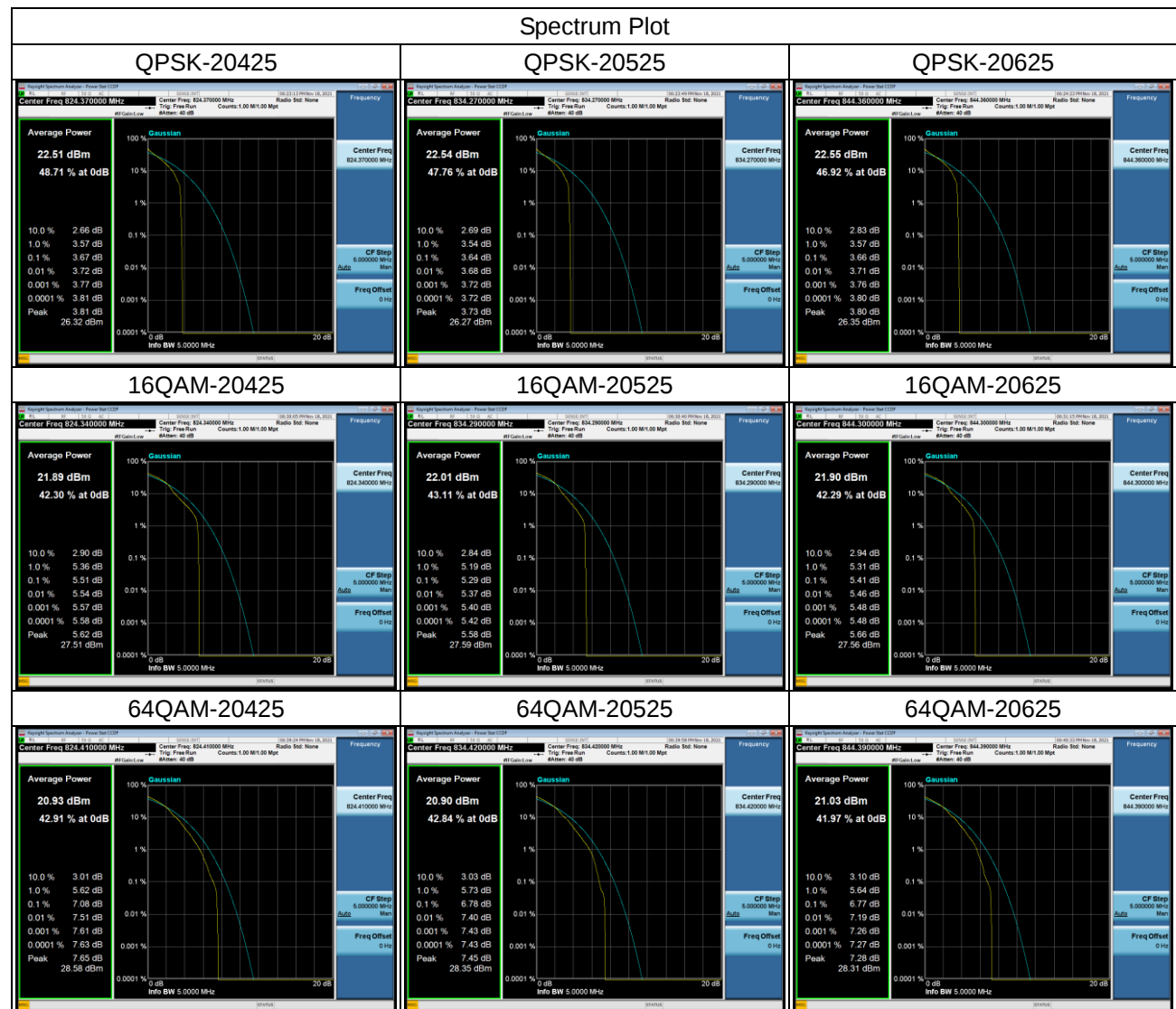
LTE Band 5_1.4MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
20407	824.7	3.93	5.72	6.80	13	Pass
20525	836.5	3.87	5.63	6.81	13	Pass
20643	848.3	3.91	5.59	6.76	13	Pass



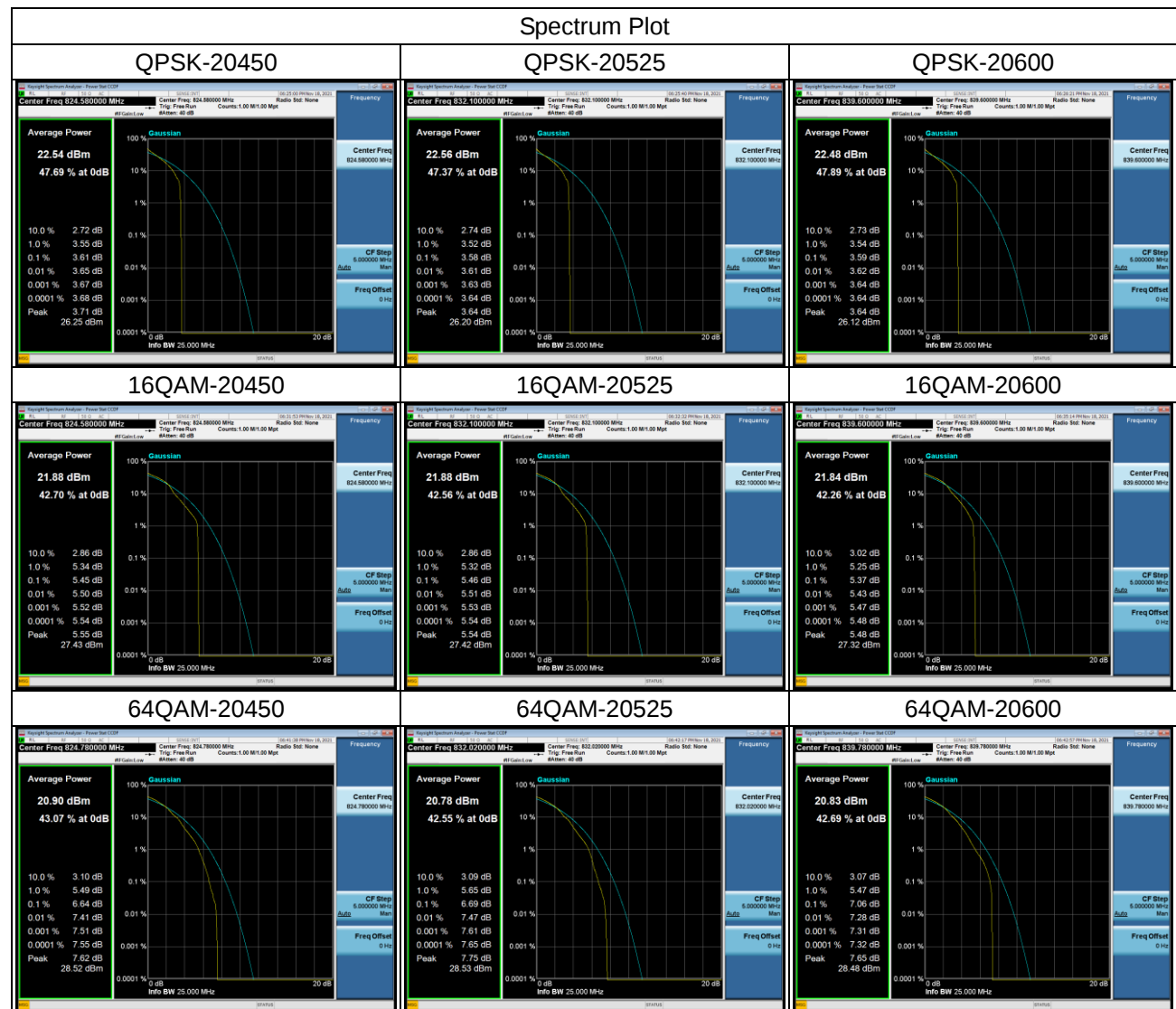
LTE Band 5_3MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
20415	825.5	3.68	5.52	6.96	13	Pass
20525	836.5	3.69	5.49	6.61	13	Pass
20635	847.5	3.68	5.47	6.81	13	Pass



LTE Band 5_5MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)		Result
		QPSK	16QAM	64QAM			
20425	826.5	3.67	5.51	7.08	13		Pass
20525	836.5	3.64	5.29	6.78	13		Pass
20625	846.5	3.66	5.41	6.77	13		Pass



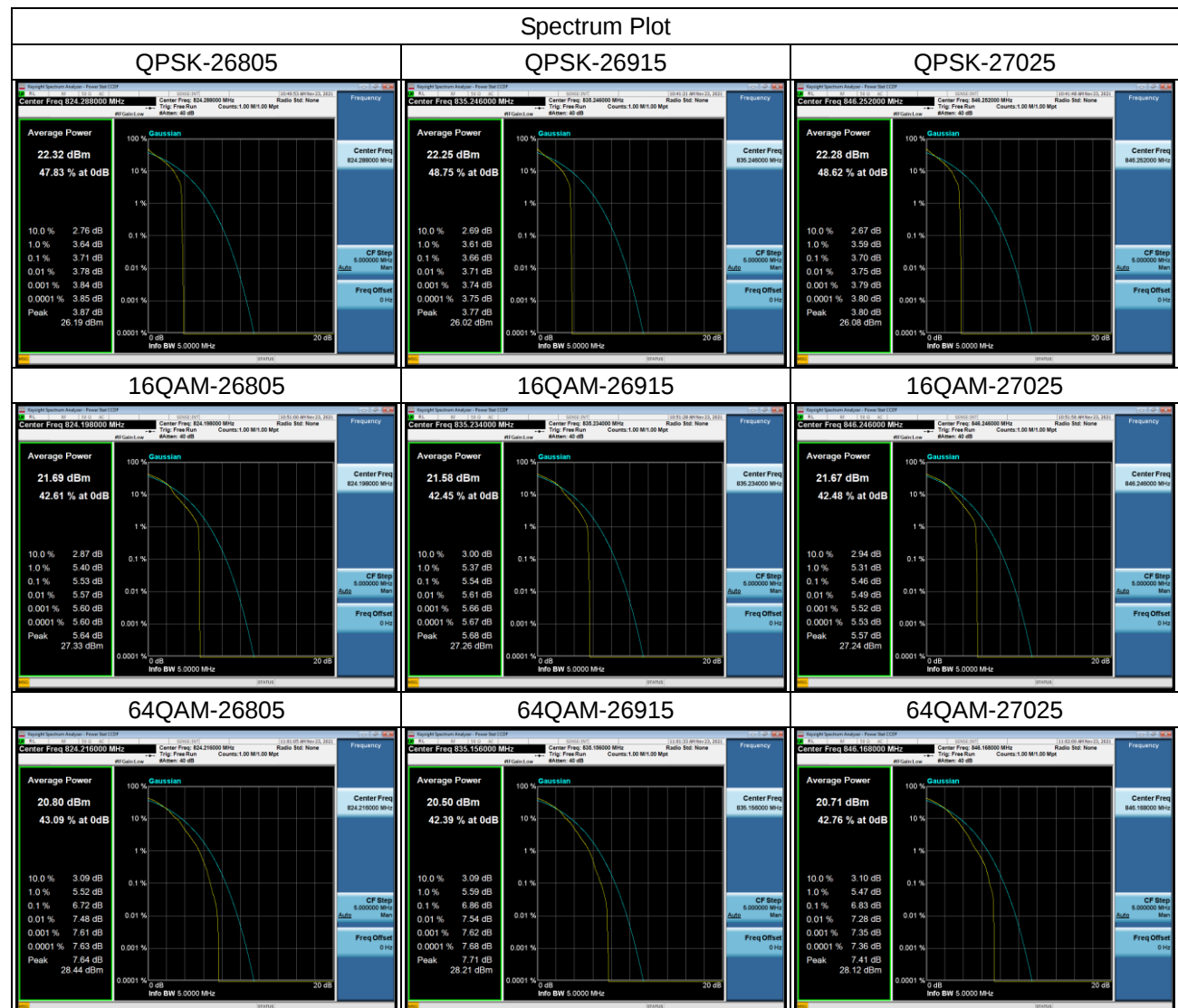
LTE Band 5_10MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
20450	829.0	3.61	5.45	6.64	13	Pass
20525	836.5	3.58	5.46	6.69	13	Pass
20600	844.0	3.59	5.37	7.06	13	Pass



LTE Band 26_1.4MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
26797	824.7	3.93	5.69	7.01	13	Pass
26915	836.5	3.93	5.66	6.69	13	Pass
27033	848.3	3.92	5.66	6.94	13	Pass



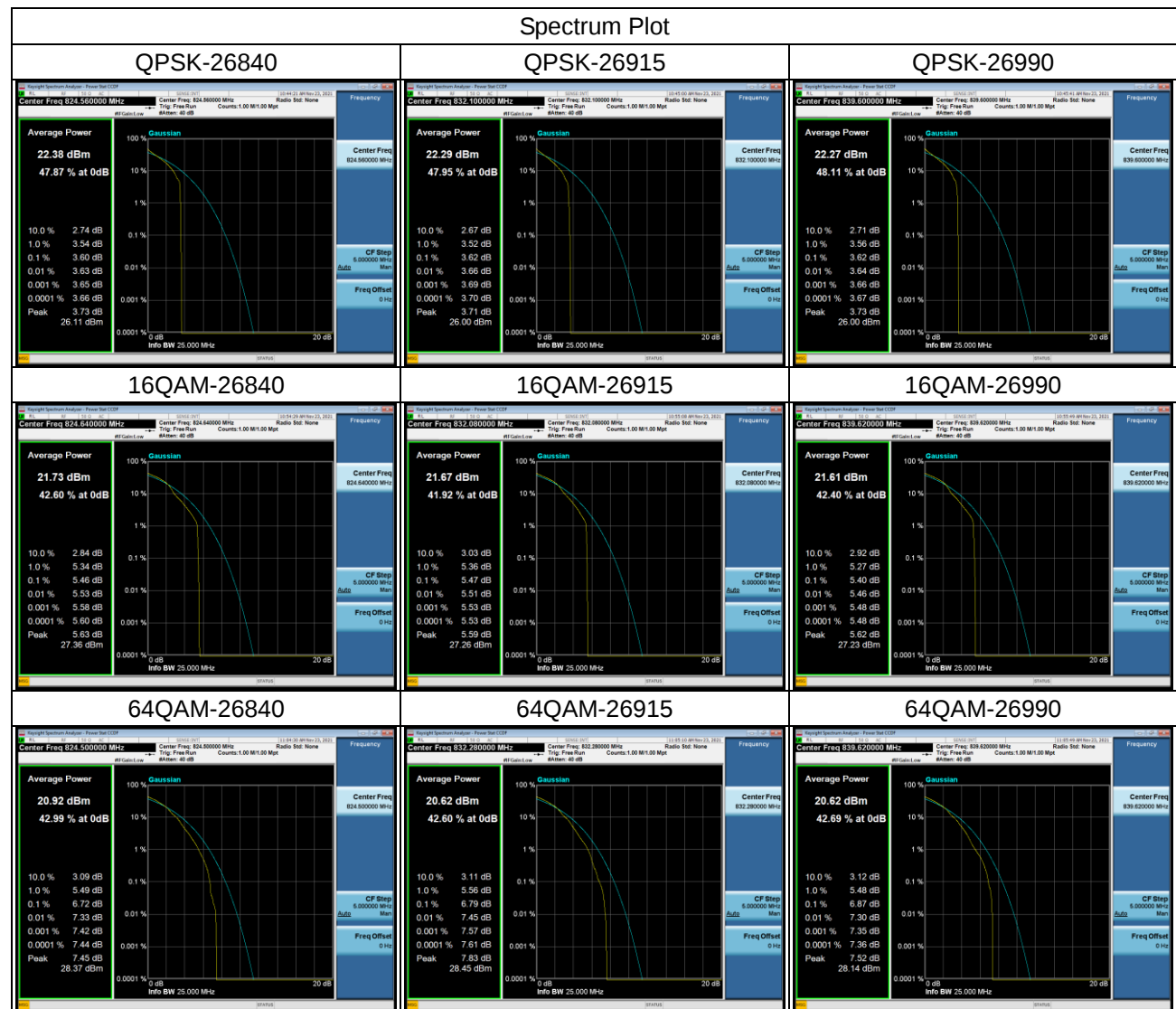
LTE Band 26_3MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)		Result
		QPSK	16QAM	64QAM			
26805	825.5	3.71	5.53	6.72	13		Pass
26915	836.5	3.66	5.54	6.86	13		Pass
27025	847.5	3.70	5.46	6.83	13		Pass



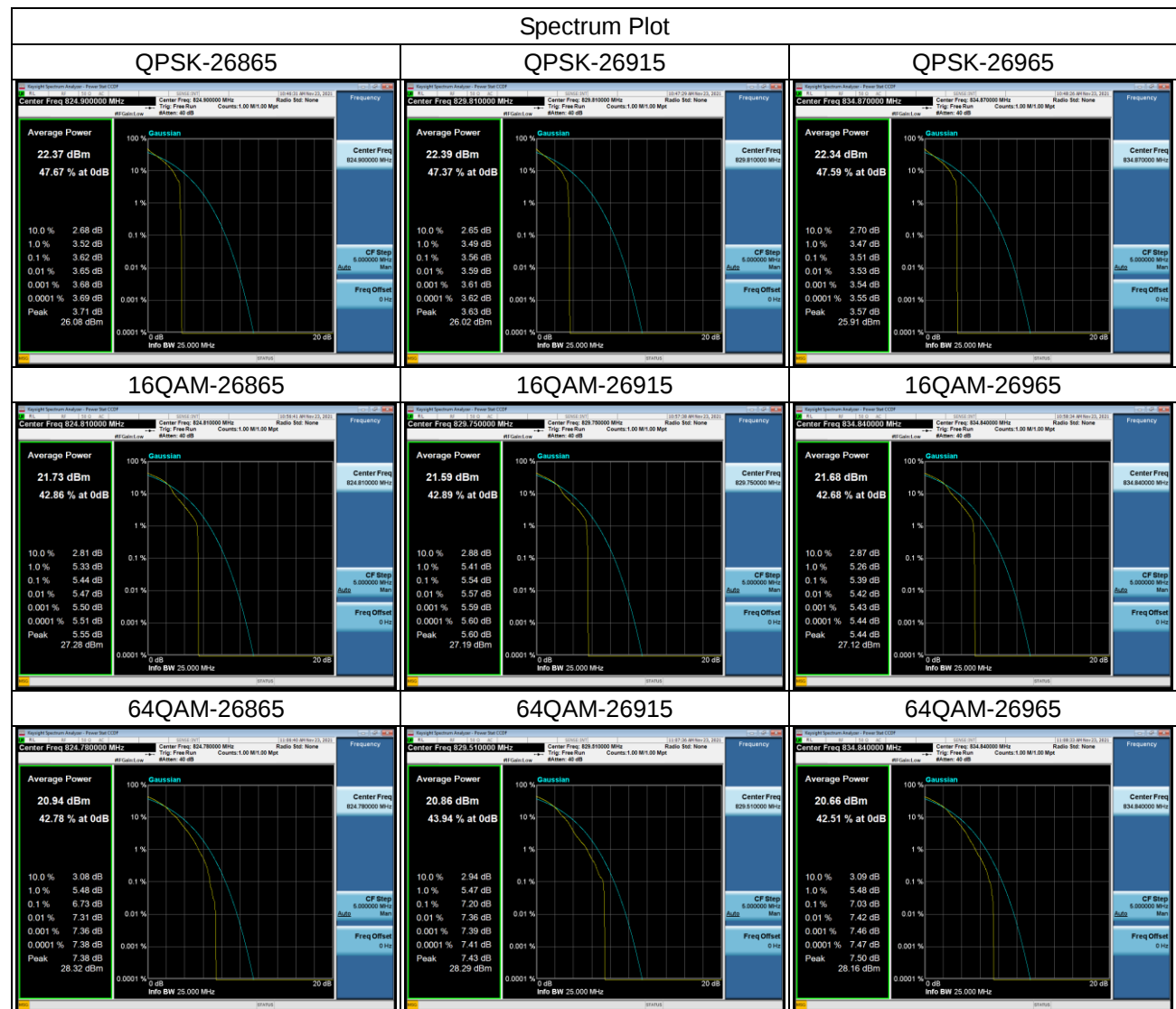
LTE Band 26_5MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)		Result
		QPSK	16QAM	64QAM			
26815	826.5	3.65	5.38	7.00	13		Pass
26915	836.5	3.65	5.44	6.96	13		Pass
27015	846.5	3.65	5.44	6.82	13		Pass



LTE Band 26_10MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
26840	829	3.60	5.46	6.72	13	Pass
26915	836.5	3.62	5.47	6.79	13	Pass
26990	844	3.62	5.40	6.87	13	Pass



LTE Band 26_15MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
26865	831.5	3.62	5.44	6.73	13	Pass
26915	836.5	3.56	5.54	7.20	13	Pass
26965	841.5	3.51	5.39	7.03	13	Pass



APPENDIX I - FREQUENCY STABILITY

Test Mode	WCDMA Band V_CH4182
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	-18	-0.02	±2.5ppm
40	-42	-0.05	
30	-2	0.00	
20	50	0.06	
10	23	0.03	
0	-5	-0.01	
-10	28	0.03	
-20	-16	-0.02	
-30	-27	-0.03	
Minimum voltage	-21	-0.03	
Maximum voltage	-24	-0.03	
Nominal voltage	-26	-0.03	

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

Test Mode	LTE Band 5_CH20525_10MHz
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	-36	-0.04	±2.5ppm
40	-28	-0.03	
30	33	0.04	
20	23	0.03	
10	-26	-0.03	
0	33	0.04	
-10	-46	-0.05	
-20	30	0.04	
-30	-22	-0.03	
Minimum voltage	40	0.05	
Maximum voltage	38	0.05	
Nominal voltage	37	0.04	

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

Test Mode	LTE Band 26_CH26915_15MHz
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	17	0.02	±2.5ppm
40	-23	-0.03	
30	-14	-0.02	
20	35	0.04	
10	-23	-0.03	
0	4	0.00	
-10	42	0.05	
-20	31	0.04	
-30	23	0.03	
Minimum voltage	45	0.05	
Maximum voltage	48	0.06	
Nominal voltage	41	0.05	

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

End of Test Report