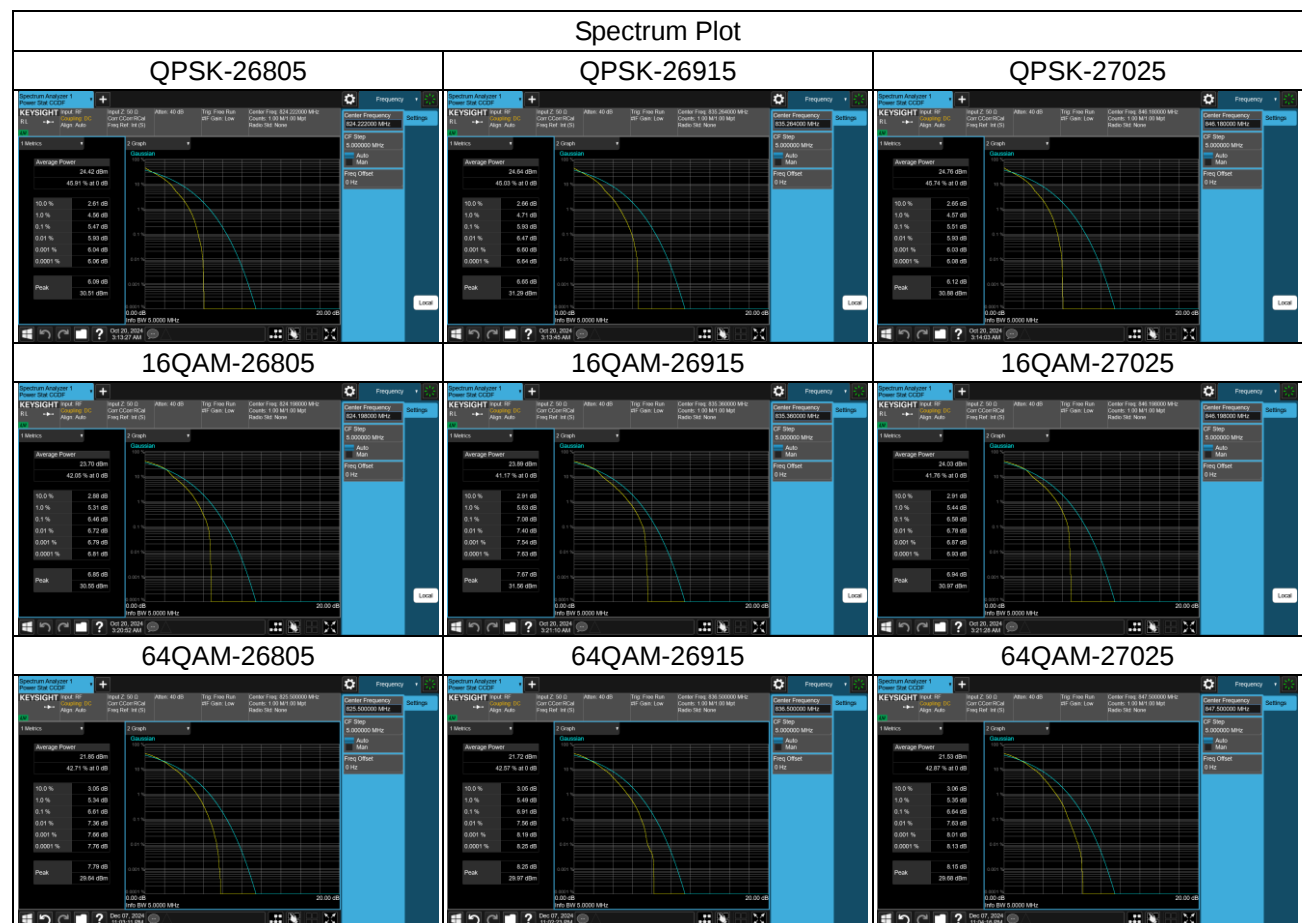
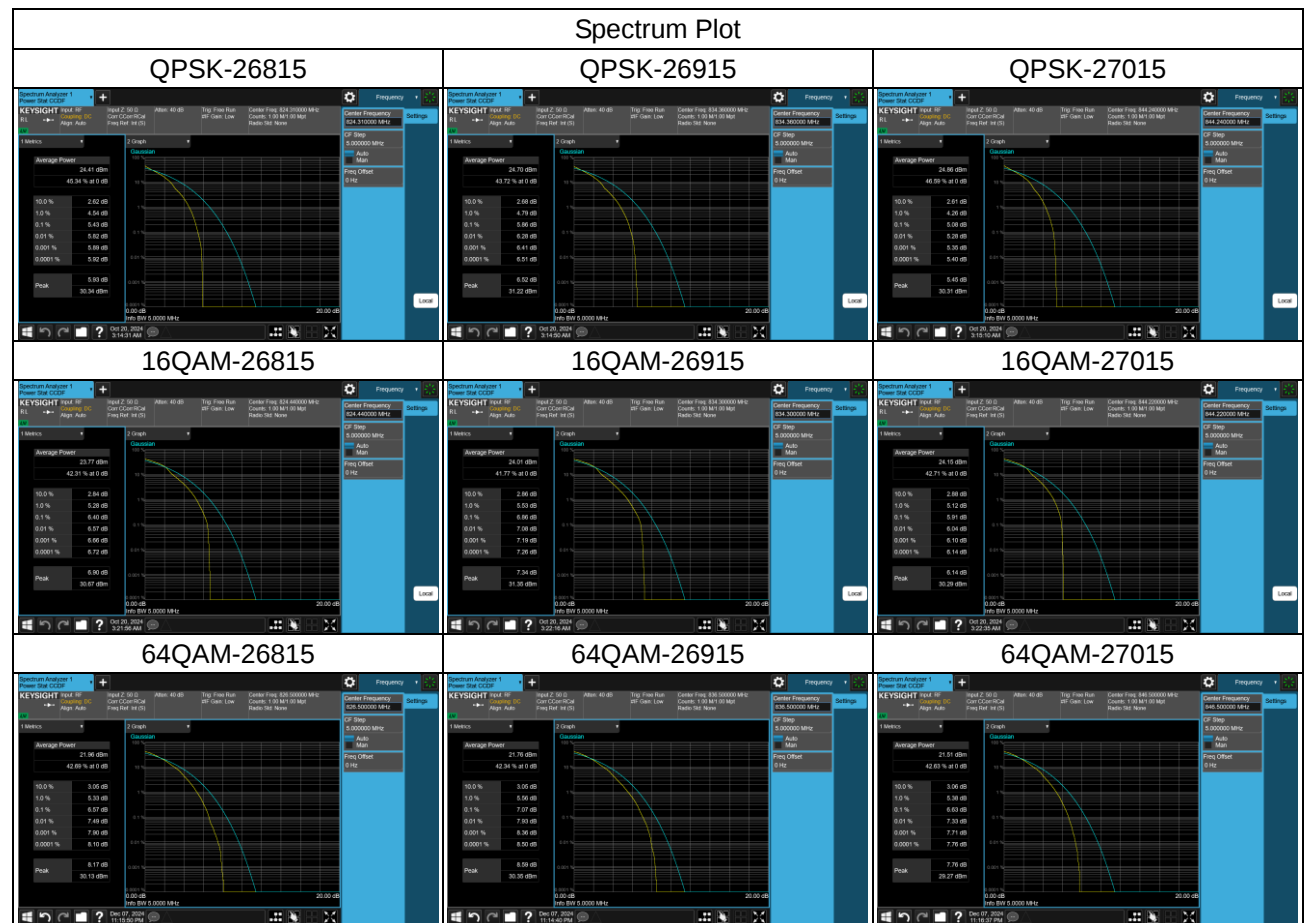


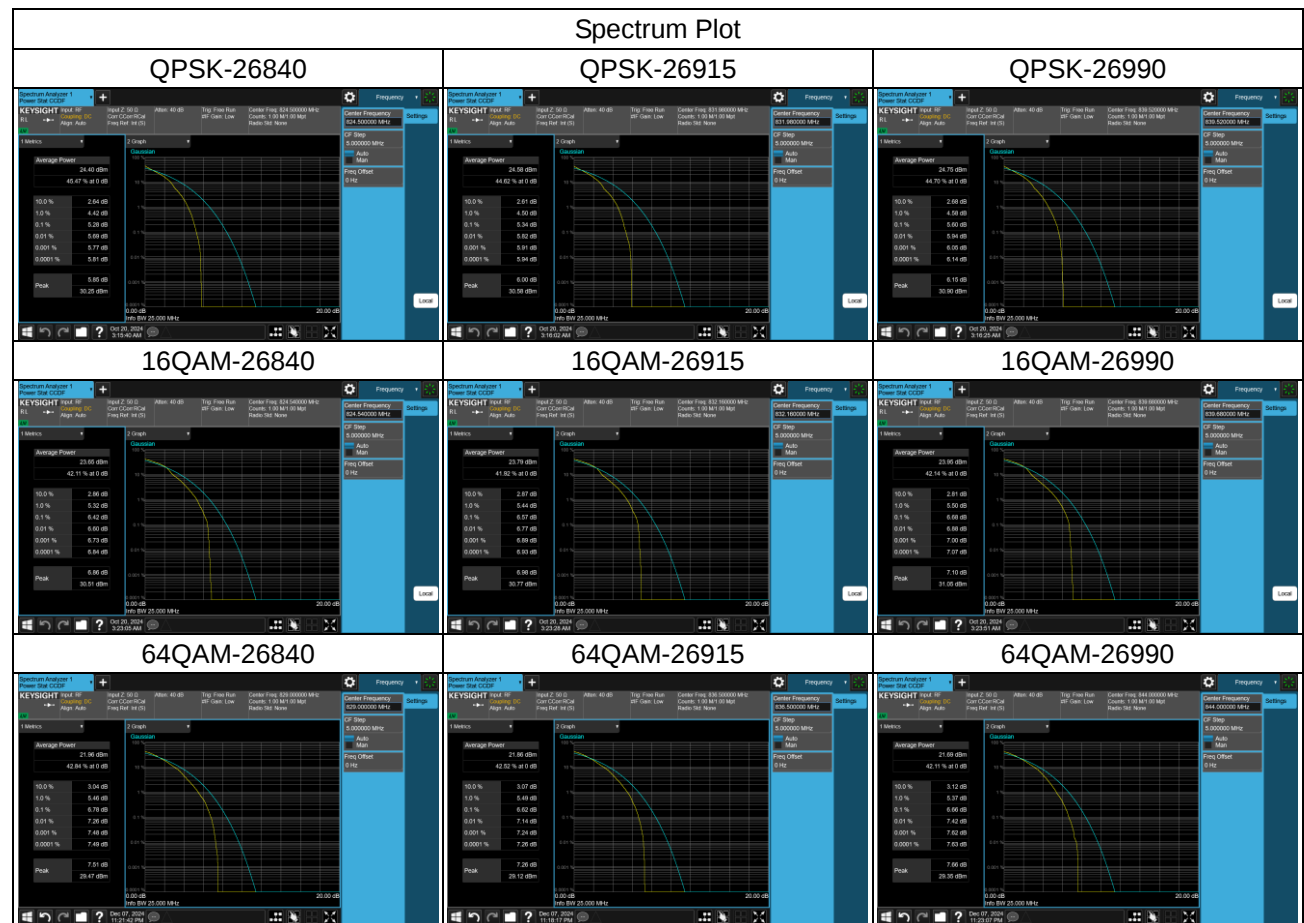
LTE Band 26_3MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
26805	825.5	5.47	6.46	6.61	13	Pass
26915	836.5	5.93	7.08	6.91	13	Pass
27025	847.5	5.51	6.58	6.64	13	Pass



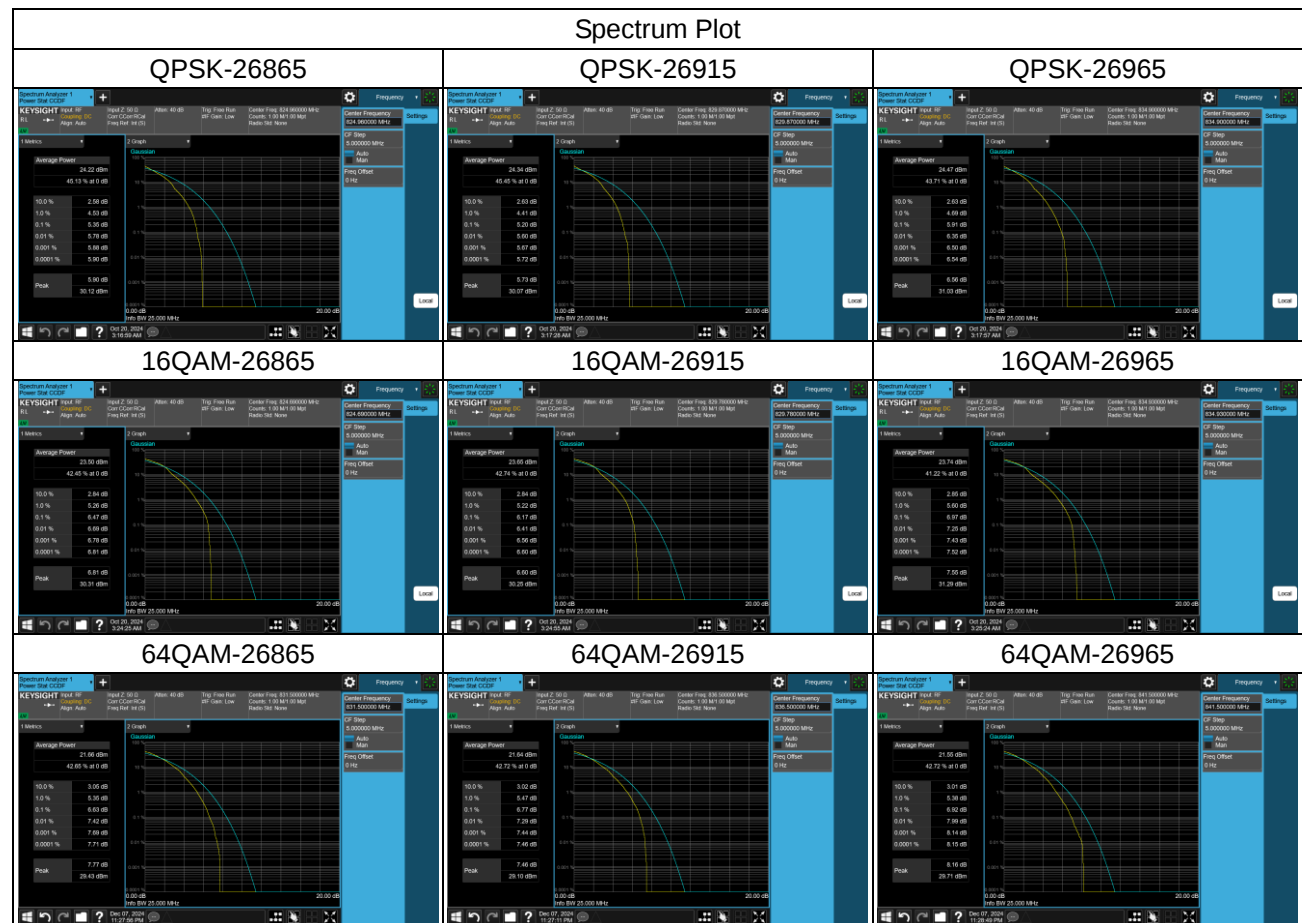
LTE Band 26_5MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
26815	826.5	5.43	6.40	6.57	13	Pass
26915	836.5	5.86	6.86	7.07	13	Pass
27015	846.5	5.08	5.91	6.63	13	Pass



LTE Band 26_10MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
26840	829	5.28	6.42	6.78	13	Pass
26915	836.5	5.34	6.57	6.62	13	Pass
26990	844	5.60	6.68	6.66	13	Pass

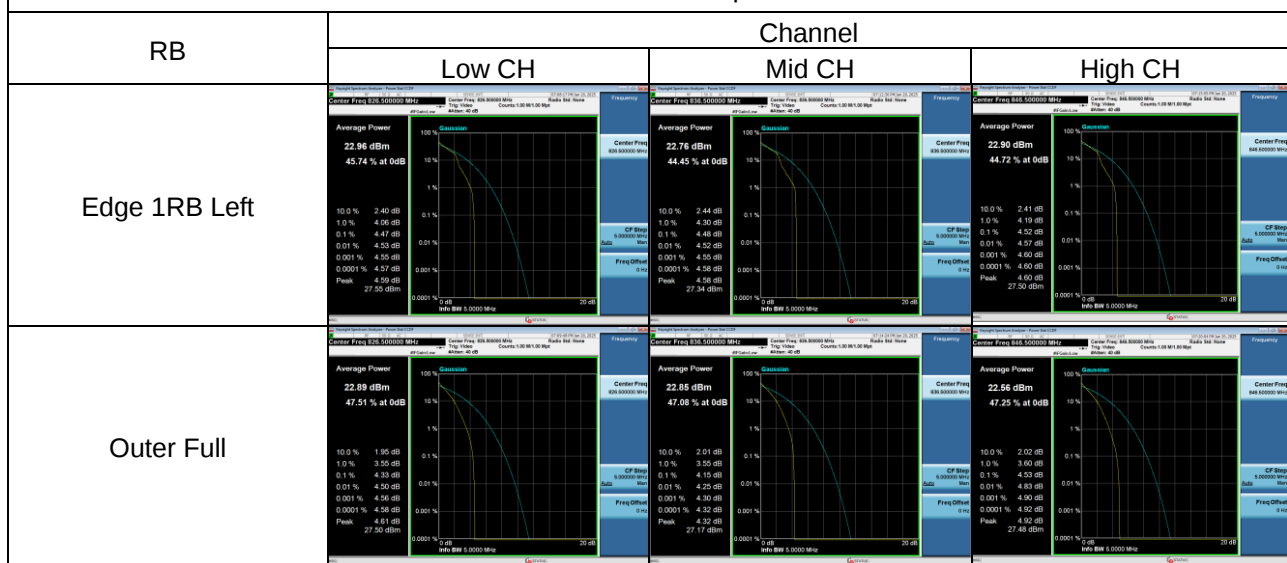


LTE Band 26_15MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
26865	831.5	5.35	6.47	6.63	13	Pass
26915	836.5	5.20	6.17	6.77	13	Pass
26965	841.5	5.91	6.97	6.92	13	Pass

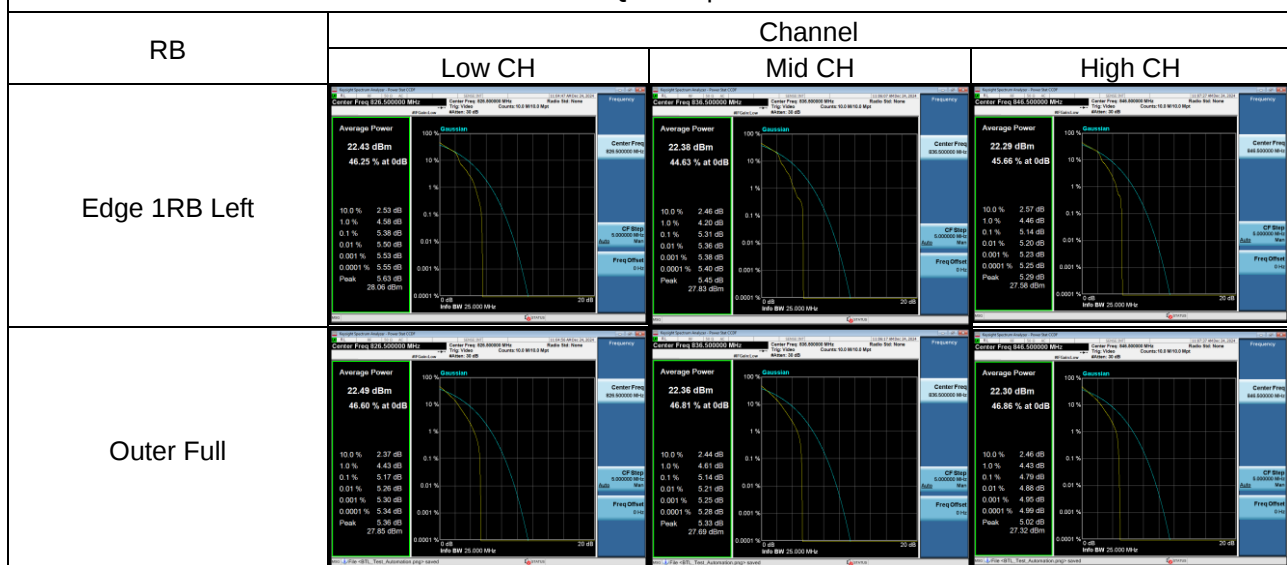


NR n5_5MHz						
Channel	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
	DFT-s-OFDM PI/2 BPSK		DFT-s-OFDM QPSK			
	Edge 1RB Left	Outer Full	Edge 1RB Left	Outer Full		
Low CH	4.47	4.33	5.38	5.17	13	Pass
Mid CH	4.48	4.15	5.31	5.14	13	Pass
High CH	4.52	4.53	5.14	4.79	13	Pass

DFT-s-OFDM PI/2 BPSK Spectrum Plot

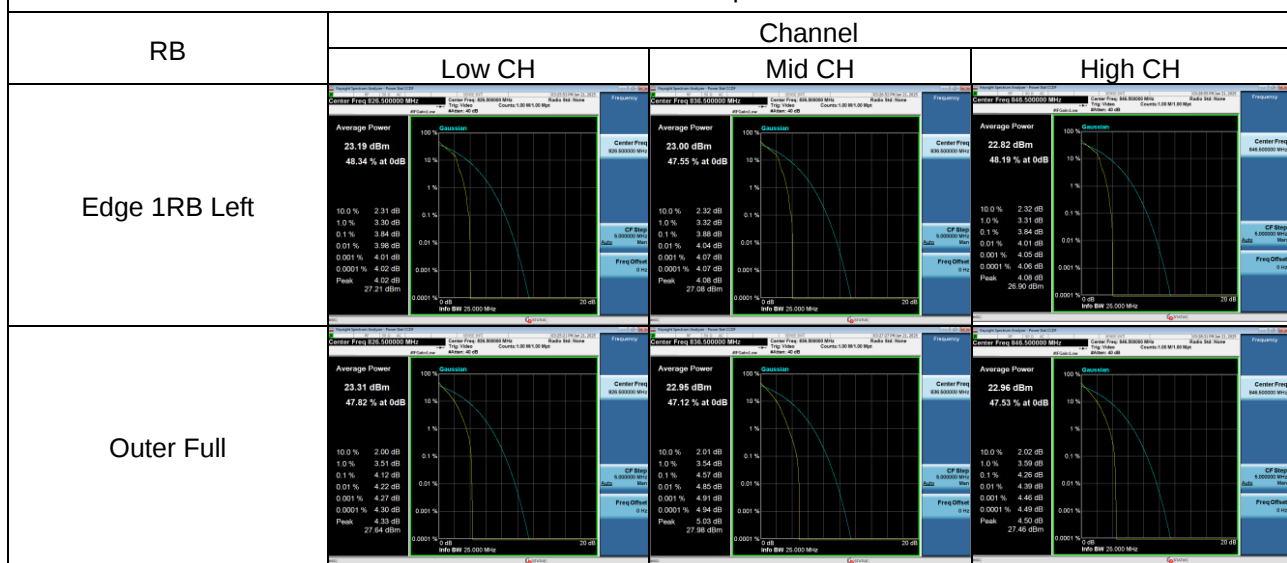


DFT-s-OFDM QPSK Spectrum Plot

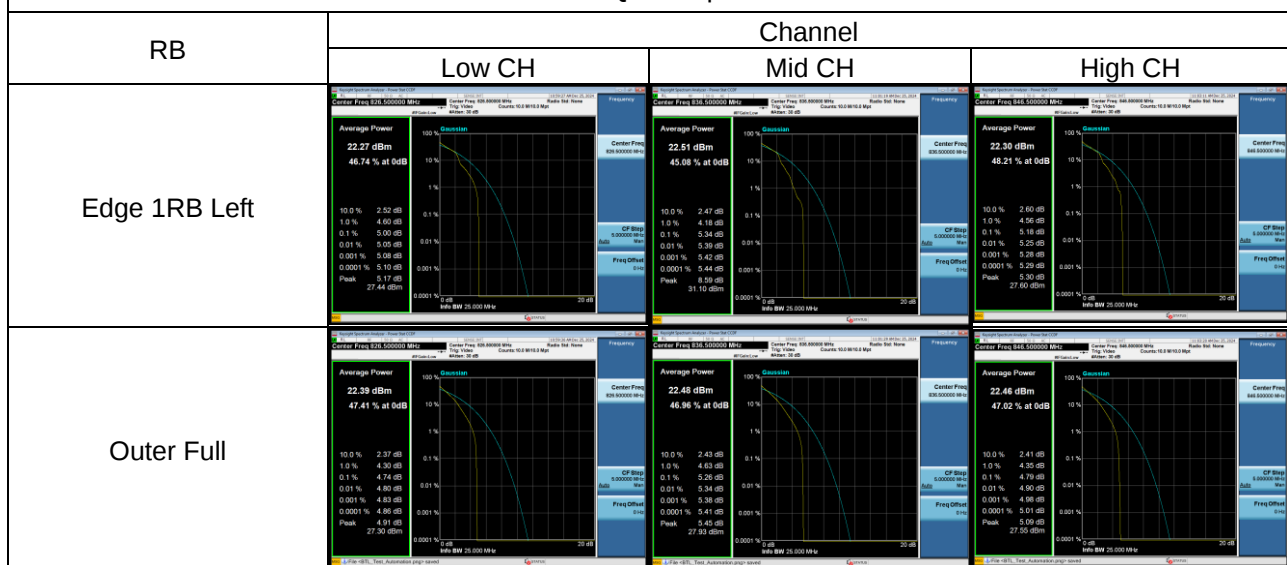


NR n26_5MHz						
Channel	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
	DFT-s-OFDM PI/2 BPSK		DFT-s-OFDM QPSK			
	Edge 1RB Left	Outer Full	Edge 1RB Left	Outer Full		
Low CH	3.84	4.12	5.00	4.74	13	Pass
Mid CH	3.88	4.57	5.34	5.26	13	Pass
High CH	3.84	4.26	5.18	4.79	13	Pass

DFT-s-OFDM PI/2 BPSK Spectrum Plot



DFT-s-OFDM QPSK Spectrum Plot



APPENDIX I - FREQUENCY STABILITY

Test Mode	GSM850
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	-45.13	-0.0539	±2.5ppm
40	-48.16	-0.0576	
30	-47.92	-0.0573	
20	-48.19	-0.0576	
10	-48.15	-0.0576	
0	-46.31	-0.0554	
-10	-45.47	-0.0544	
-20	-46.61	-0.0557	
-30	-38.45	-0.0460	
Minimum voltage	-35.49	-0.0424	
Maximum voltage	-38.49	-0.0460	
Nominal voltage	-26.48	-0.0317	

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

Test Mode	WCDMA Band V
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	4.63	0.0055	±2.5ppm
40	8.56	0.0102	
30	12.87	0.0154	
20	13.45	0.0161	
10	15.21	0.0182	
0	9.54	0.0114	
-10	8.12	0.0097	
-20	11.98	0.0143	
-30	18.26	0.0218	
Minimum voltage	13.45	0.0161	
Maximum voltage	17.46	0.0209	
Nominal voltage	16.28	0.0195	

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

Test Mode	LTE Band 5
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	4.62	0.0055	±2.5ppm
40	-2.61	-0.0031	
30	3.53	0.0042	
20	-5.24	-0.0063	
10	-3.82	-0.0046	
0	-3.64	-0.0044	
-10	5.26	0.0063	
-20	3.54	0.0042	
-30	3.43	0.0041	
Minimum voltage	2.72	0.0033	
Maximum voltage	4.18	0.0050	
Nominal voltage	4.21	0.0050	

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

Test Mode	LTE Band 26
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	4.08	0.0049	±2.5ppm
40	-4.24	-0.0051	
30	5.76	0.0069	
20	9.34	0.0112	
10	-5.42	-0.0065	
0	5.16	0.0062	
-10	4.37	0.0052	
-20	-4.73	-0.0057	
-30	-7.64	-0.0091	
Minimum voltage	-4.47	-0.0053	
Maximum voltage	-6.03	-0.0072	
Nominal voltage	-3.97	-0.0047	

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

Test Mode	5G NR N5
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	5.32	0.0064	±2.5ppm
40	-3.25	-0.0039	
30	4.21	0.0050	
20	-4.96	-0.0059	
10	-3.96	-0.0047	
0	-4.21	-0.0050	
-10	6.36	0.0076	
-20	4.23	0.0051	
-30	2.98	0.0036	
Minimum voltage	3.21	0.0038	
Maximum voltage	5.23	0.0063	
Nominal voltage	5.34	0.0064	

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

Test Mode	5G NR N26
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Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency error (Hz)	ppm	Limit
50	4.36	0.0052	±2.5ppm
40	-4.54	-0.0054	
30	6.35	0.0076	
20	8.56	0.0102	
10	-6.35	-0.0076	
0	6.22	0.0074	
-10	3.87	0.0046	
-20	-3.56	-0.0043	
-30	-6.68	-0.0080	
Minimum voltage	-5.36	-0.0064	
Maximum voltage	-4.25	-0.0051	
Nominal voltage	-3.56	-0.0043	

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

End of Test Report