

Appendix A-RF Output Power and Amplifier Gain

Test Data:

FDD LTE Band 25											
Mode	Operation Band	Frequency (MHz)	Signal Type	Signal Level (dBm)	Input Power (dBm)	Output Power (dBm)				Total Output Power (dBm)	Gain (dB)
						Ant 1	Ant 2	Ant 3	Ant 4		
SISO Mode											
Downlink	1930MHz ~1995MHz	1962.5 MHz	AWGN	Pre-AGC	0	36.78	--	--	--	36.78	36.78
				3dB Above AGC	3	37.15	--	--	--	37.15	/
		1962.5 MHz	GSM	Pre-AGC	0	36.06	--	--	--	36.06	36.06
				3dB Above AGC	3	36.59	--	--	--	36.59	/
MIMO Mode											
Downlink	1930MHz ~1995MHz	1962.5 MHz	AWGN	Pre-AGC	0	36.78	36.75	36.76	36.61	42.75	/
				3dB Above AGC	3	37.15	37.14	37.19	36.99	43.14	/
		1962.5 MHz	GSM	Pre-AGC	0	36.06	35.96	35.96	35.92	42.00	/
				3dB Above AGC	3	36.59	36.26	36.3	36.35	42.40	/
<p>Remark: The limit of the Output Power is 37dBm (± 2dB). EIRP of the EUT is 49.14dBm which is less than the EIRP limit of which is 1640.0W/MHz.</p> <p>The EUT supports SISO working mode. Each antenna can be used as SISO working port. We only present the worst result, the test data of ant 1 port.</p> <p>This EUT also supports 4*4 MIMO.</p>											



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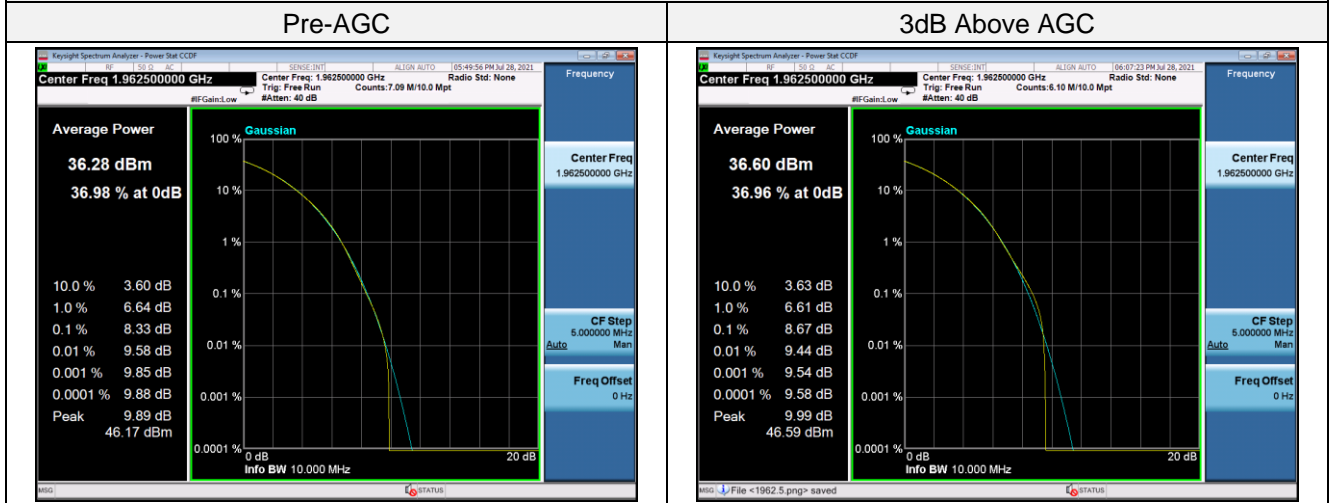
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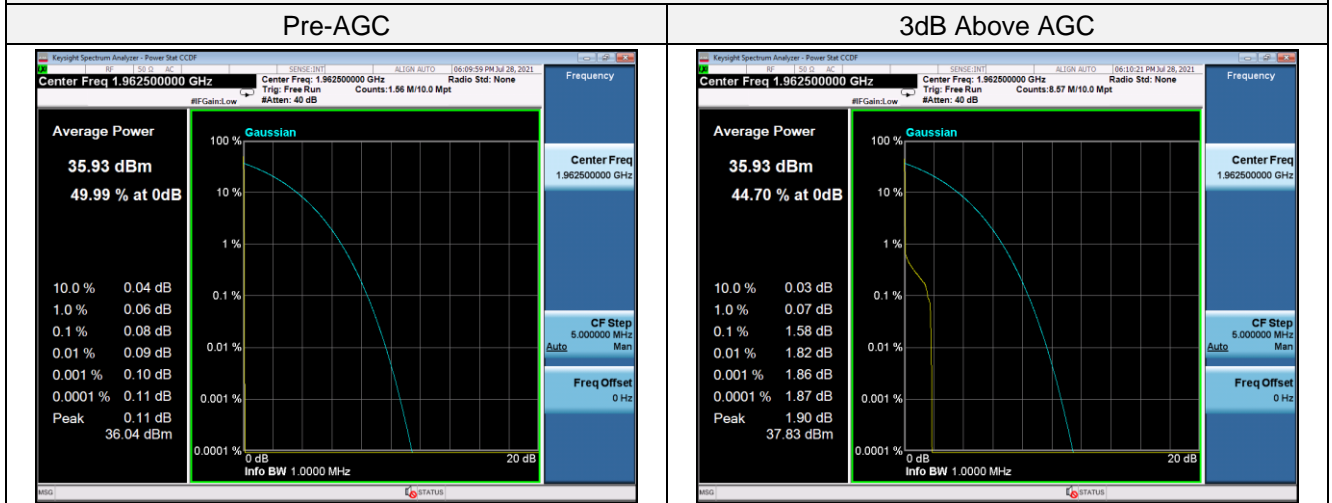
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Mode	Operation Band	Frequency (MHz)	Signal Type	Signal Level (dBm)	Input Power (dBm)	PAPR (dB)	Limit (dB)
FDD LTE Band 25							
Downlink	1930MHz ~1995MHz	1962.5MHz	AWGN	Pre-AGC	0	8.33	13.0
				3dB Above AGC	3	8.67	13.0
		1962.5MHz	GSM	Pre-AGC	0	0.08	13.0
				3dB Above AGC	3	1.58	13.0

FDD LTE Band 25 _ AWGN



FDD LTE Band 25 _ GSM



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