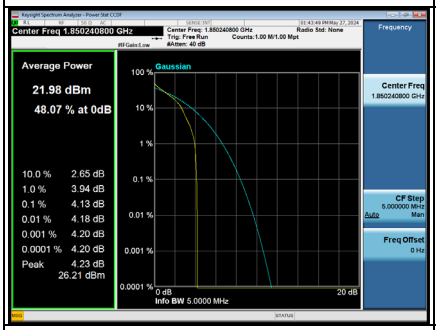
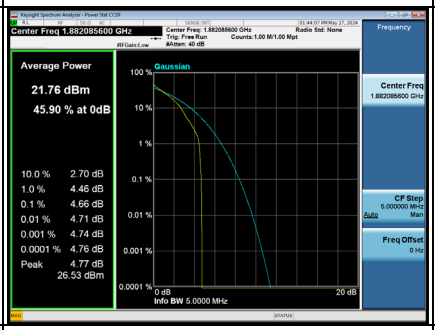
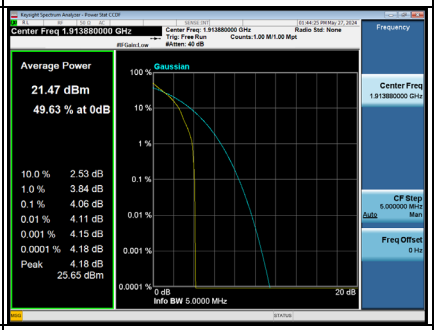
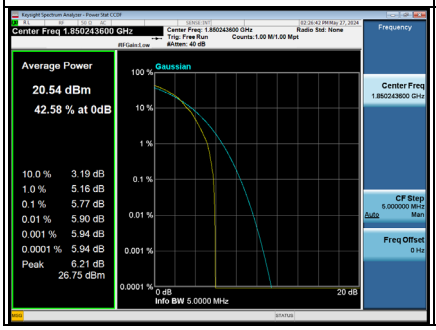
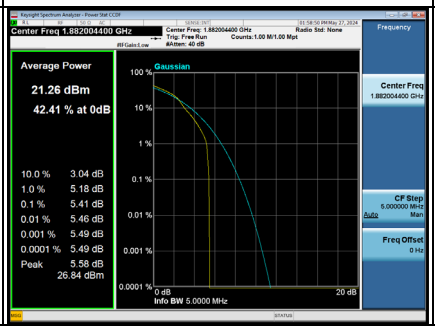
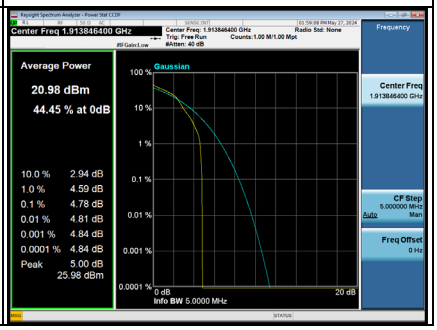
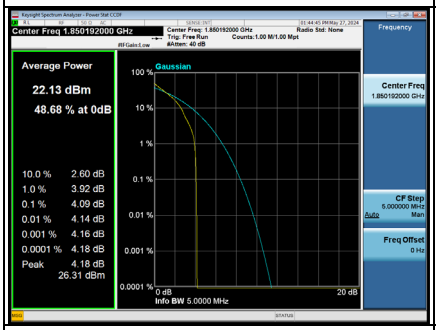
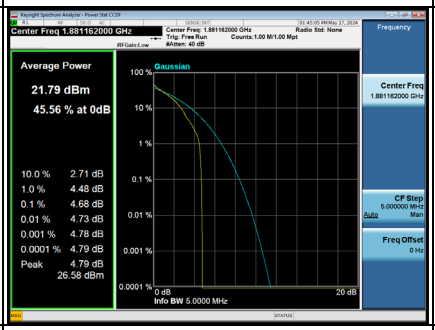
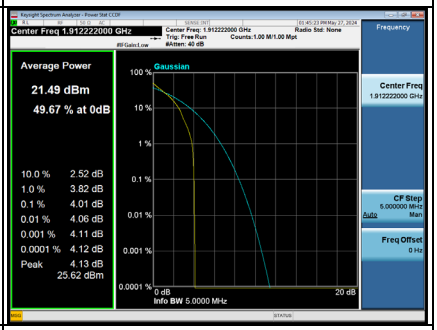
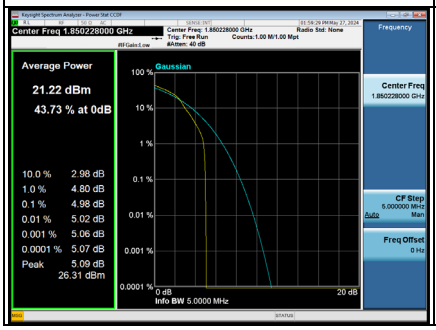
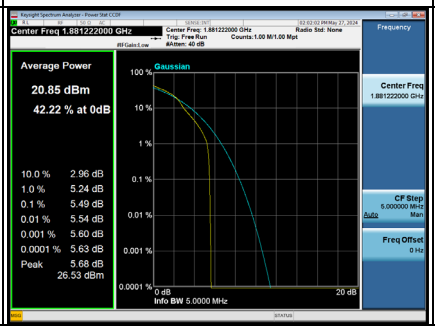
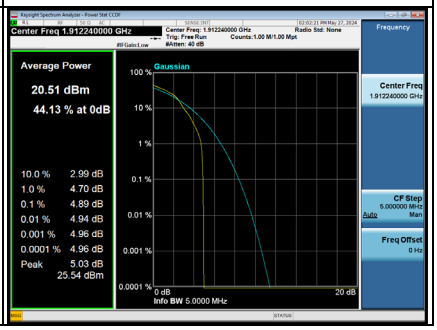
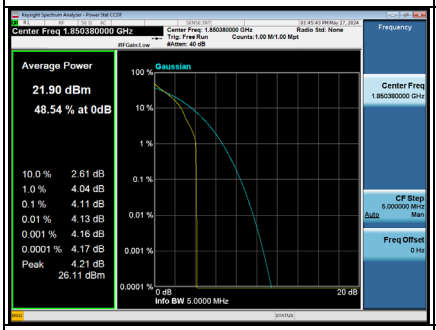
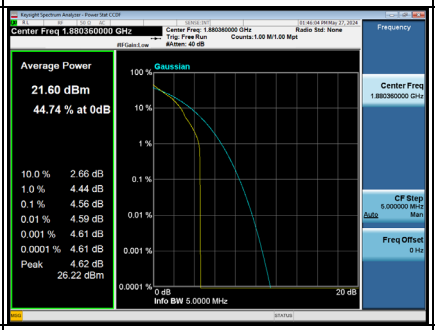
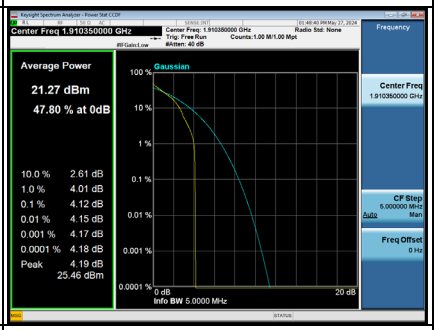
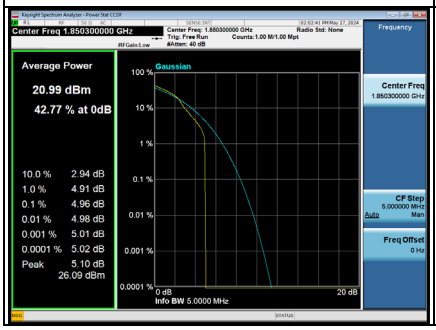
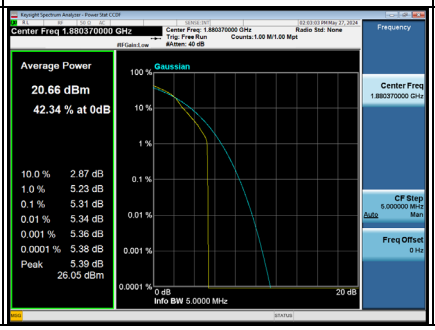
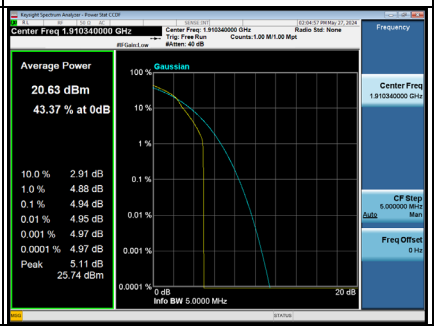
LTE Band 25_1.4MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
26047	1850.7	4.13	5.77	13	Pass
26365	1882.5	4..66	5.41	13	Pass
26683	1914.3	4.06	4.78	13	Pass

Spectrum Plot		
QPSK-26047	QPSK-26365	QPSK-26683
		
16QAM-26047	16QAM-26365	16QAM-26683
		

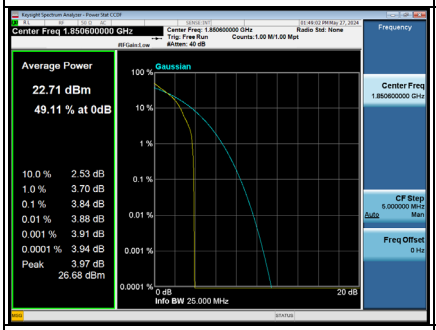
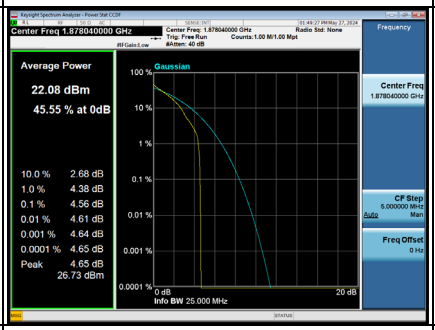
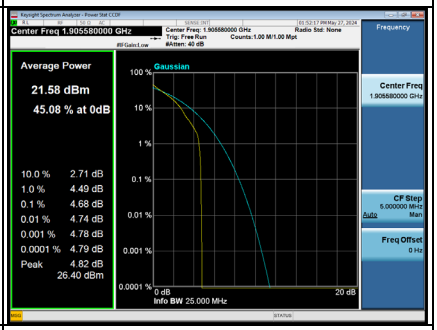
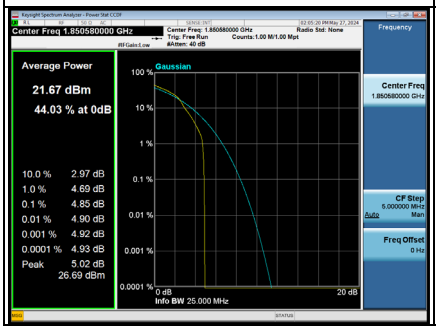
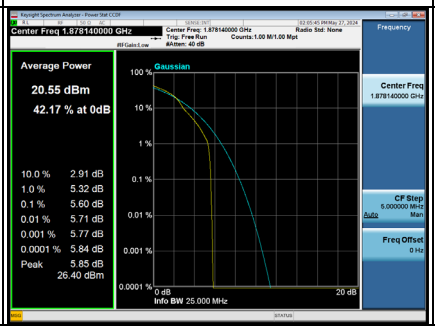
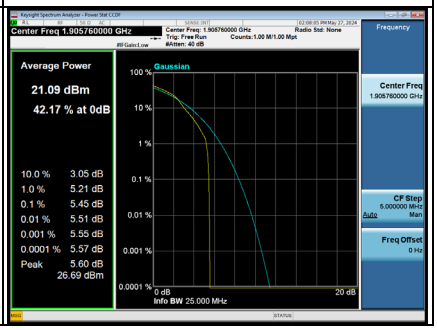
LTE Band 25_3MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
26055	1851.5	4.09	4.98	13	Pass
26365	1882.5	4.68	5.49	13	Pass
26675	1913.5	4.01	4.89	13	Pass

Spectrum Plot		
QPSK-26055	QPSK-26365	QPSK-26675
		
16QAM-26055	16QAM-26365	16QAM-26675
		

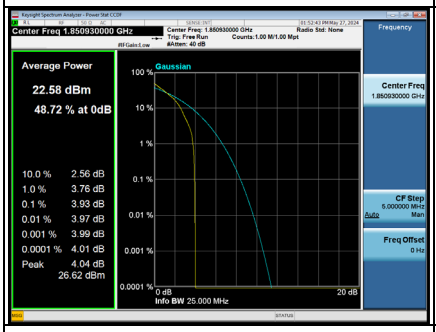
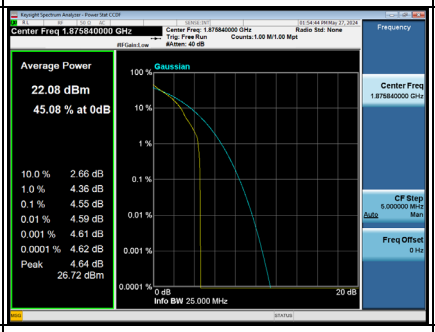
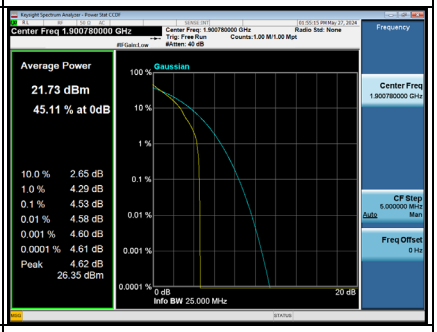
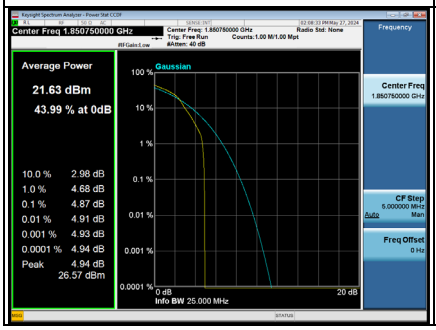
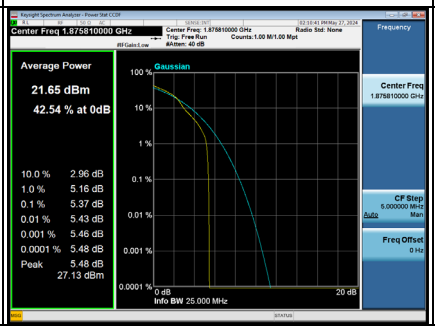
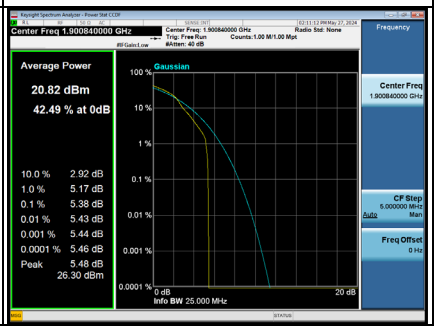
LTE Band 25_5MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
26065	1852.5	4.11	4.96	13	Pass
26365	1882.5	4.56	5.31	13	Pass
26665	1912.5	4.12	4.94	13	Pass

Spectrum Plot		
QPSK-26065	QPSK-26365	QPSK-26665
		
16QAM-26065	16QAM-26365	16QAM-26665
		

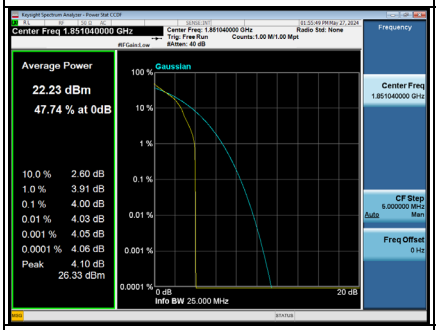
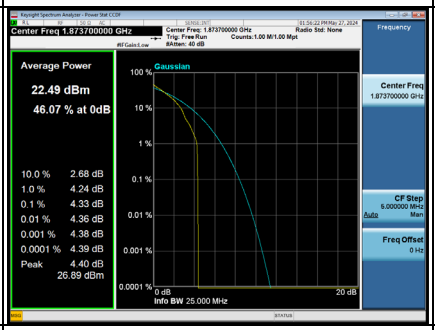
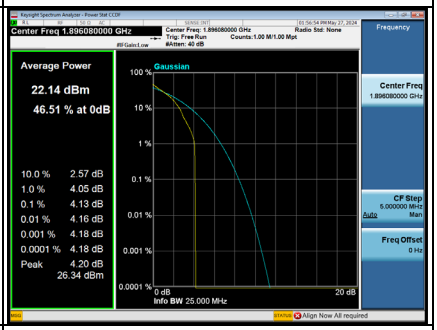
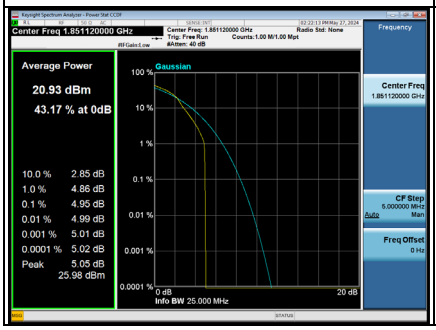
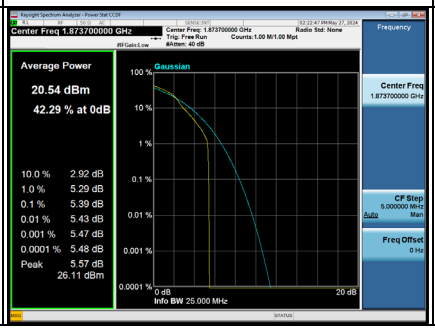
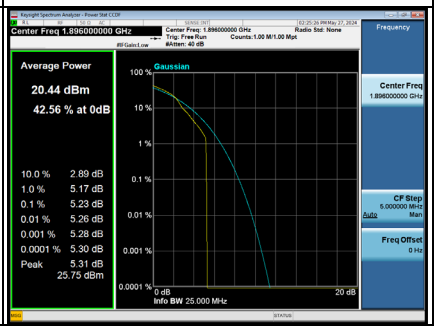
LTE Band 25_10MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
26090	1855	3.84	4.85	13	Pass
26365	1882.5	4.56	5.60	13	Pass
26640	1910	4.68	5.45	13	Pass

Spectrum Plot		
QPSK-26090	QPSK-26365	QPSK-26640
		
16QAM-26090	16QAM-26365	16QAM-26640
		

LTE Band 25_15MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
26115	1857.5	3.93	4.87	13	Pass
26365	1882.5	4.55	5.37	13	Pass
26615	1907.5	4.53	5.38	13	Pass

Spectrum Plot		
QPSK-26115	QPSK-26365	QPSK-26615
		
16QAM-26115	16QAM-26365	16QAM-26615
		

LTE Band 25_20MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
26140	1860	4.00	4.95	13	Pass
26365	1882.5	4.33	5.39	13	Pass
26590	1905	4.13	5.23	13	Pass

Spectrum Plot		
QPSK-26140	QPSK-26365	QPSK-26590
		
16QAM-26140	16QAM-26365	16QAM-26590
		

APPENDIX I - FREQUENCY STABILITY

Test Mode	PCS1900_GSM

Frequency error versus temperature and supply voltage								
Temperature (°C)	Lowest channel Frequency error(MHz)	Highest channel Frequency error(MHz)	Reference point:-13dBm		Frequency calculation value (MHz) Limit:The resulting frequencies must remain within the band		Verdict	worst ppm
			f_L(MHz)	f_H(MHz)	Lowest channel limit:1850MHz	Highest channel limit:1910MHz		Record only
50	0.00002036	0.00002165	1850.250000	1909.830000	1850.249980	1909.830022	Pass	0.0113
40	0.0000227	0.00002108			1850.249977	1909.830021	Pass	0.0123
30	0.0000282	0.00002076			1850.249972	1909.830021	Pass	0.0152
20	0.00002195	0.0000201			1850.249978	1909.830020	Pass	0.0119
10	0.00002029	0.00001878			1850.249980	1909.830019	Pass	0.0110
0	0.00002006	0.00001881			1850.249980	1909.830019	Pass	0.0108
−10	0.0000216	0.000023			1850.249978	1909.830023	Pass	0.0120
−20	0.00001812	0.00002376			1850.249982	1909.830024	Pass	0.0124
−30	0.00002154	0.00002419			1850.249978	1909.830024	Pass	0.0127
Minimum voltage	0.00002077	0.00002413			1850.249979	1909.830024	Pass	0.0126
Maximum voltage	0.00002156	0.00002059			1850.249978	1909.830021	Pass	0.0117
Nominal voltage	0.00002037	0.00002103			1850.249980	1909.830021	Pass	0.0110

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

Test Mode	WCDMA Band II

Frequency error versus temperature and supply voltage								
Temperature (°C)	Lowest channel Frequency error(MHz)	Highest channel Frequency error(MHz)	Reference point:-13dBm		Frequency calculation value (MHz) Limit:The resulting frequencies must remain within the band		Verdict	worst ppm
			f_L(MHz)	f_H(MHz)	Lowest channel limit:1850MHz	Highest channel limit:1910MHz		Record only
50	0.00000914	0.00001508	1850.830000	1909.720000	1850.829991	1909.720015	Pass	0.0079
40	0.00000682	0.00001528			1850.829993	1909.720015	Pass	0.0080
30	0.00001466	0.00002912			1850.829985	1909.720029	Pass	0.0153
20	0.00001441	0.00002374			1850.829986	1909.720024	Pass	0.0124
10	0.00001191	0.00001836			1850.829988	1909.720018	Pass	0.0096
0	0.00001431	0.00002934			1850.829986	1909.720029	Pass	0.0154
−10	0.00001661	0.00002408			1850.829983	1909.720024	Pass	0.0126
−20	0.00001791	0.00002441			1850.829982	1909.720024	Pass	0.0128
−30	0.00001426	0.00002837			1850.829986	1909.720028	Pass	0.0149
Minimum voltage	0.00001502	0.00001941			1850.829985	1909.720019	Pass	0.0102
Maximum voltage	0.00001251	0.00002538			1850.829987	1909.720025	Pass	0.0133
Nominal voltage	0.00001001	0.00001983			1850.829990	1909.720020	Pass	0.0104

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

Test Mode	LTE Band 2 _20MHz

Frequency error versus temperature and supply voltage								
Temperature (°C)	Lowest channel Frequency error(MHz)	Highest channel Frequency error(MHz)	Reference point:-13dBm		Frequency calculation value (MHz) Limit:The resulting frequencies must remain within the band		Verdict	worst ppm
			f_L(MHz)	f_H(MHz)	Lowest channel limit:1850MHz	Highest channel limit:1910MHz		Record only
50	-0.00000323	-0.00001708	1850.830000	1909.580000	1850.830003	1909.579983	Pass	-0.0090
40	0.0000707	-0.00000718			1850.829929	1909.579993	Pass	0.0380
30	-0.00001056	-0.00000655			1850.830011	1909.579993	Pass	-0.0057
20	0.00000247	0.00000088			1850.829998	1909.580001	Pass	0.0013
10	0.00001551	-0.00001228			1850.829984	1909.579988	Pass	0.0083
0	0.00000628	-0.00000884			1850.829994	1909.579991	Pass	-0.0047
−10	0.0000168	-0.00000927			1850.829983	1909.579991	Pass	0.0090
−20	0.00000755	-0.00000501			1850.829992	1909.579995	Pass	0.0041
−30	-0.00000321	-0.00001544			1850.830003	1909.579985	Pass	-0.0081
Minimum voltage	0.00000845	-0.00000257			1850.829992	1909.579997	Pass	0.0045
Maximum voltage	-0.00000881	-0.00000864			1850.830009	1909.579991	Pass	-0.0047
Nominal voltage	0.00001146	-0.00000614			1850.829989	1909.579994	Pass	0.0062

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

Test Mode	LTE Band 25_20MHz

Frequency error versus temperature and supply voltage								
Temperature (°C)	Lowest channel Frequency error(MHz)	Highest channel Frequency error(MHz)	Reference point:-13dBm		Frequency calculation value (MHz) Limit:The resulting frequencies must remain within the band		Verdict	worst ppm
			f_L(MHz)	f_H(MHz)	Lowest channel limit:1850MHz	Highest channel limit:1915MHz		Record only
50	0.00000571	-0.00000718	1850.2700	1914.5200	1850.269994	1914.519993	Pass	-0.0038
40	0.0000106	0.00000386			1850.269989	1914.520004	Pass	0.0057
30	0.00001665	0.000035			1850.269983	1914.520035	Pass	0.0184
20	-0.00001677	-0.00001212			1850.270017	1914.519988	Pass	-0.0090
10	0.00000499	0.00000275			1850.269995	1914.520003	Pass	0.0027
0	0.00000837	-0.00001236			1850.269992	1914.519988	Pass	-0.0065
−10	0.00001432	0.00000239			1850.269986	1914.520002	Pass	0.0077
−20	-0.0000018	-0.00000122			1850.270002	1914.519999	Pass	-0.0010
−30	0.00001488	0.00000234			1850.269985	1914.520002	Pass	0.0080
Minimum voltage	-0.00001021	0.00000508			1850.270010	1914.520005	Pass	-0.0055
Maximum voltage	-0.00000585	0.0000002			1850.270006	1914.520000	Pass	-0.0031
Nominal voltage	0.00000313	0.00000545			1850.269997	1914.520005	Pass	0.0029

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

End of Test Report