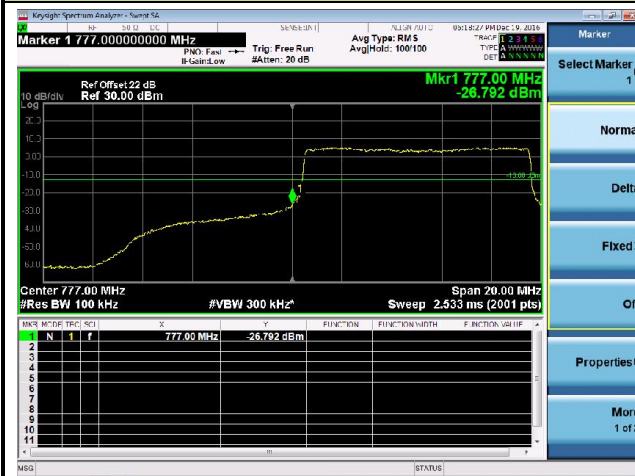
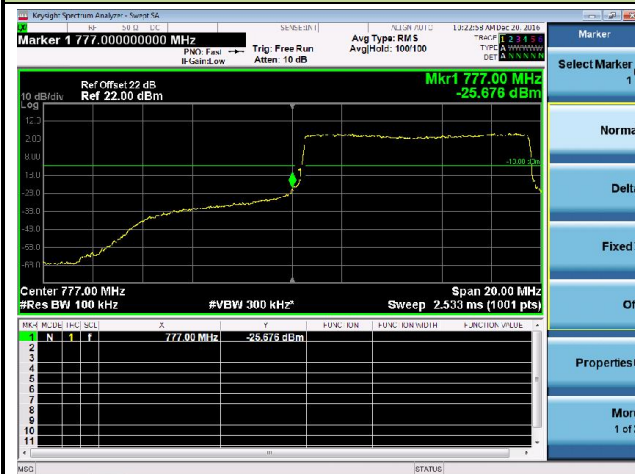


Conducted Band Edge

LTE Band 13 / 10MHz / QPSK

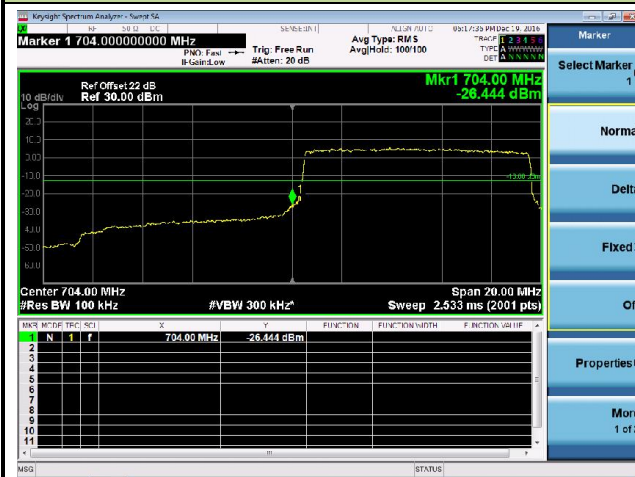


LTE Band 13 / 10MHz / 16-QAM

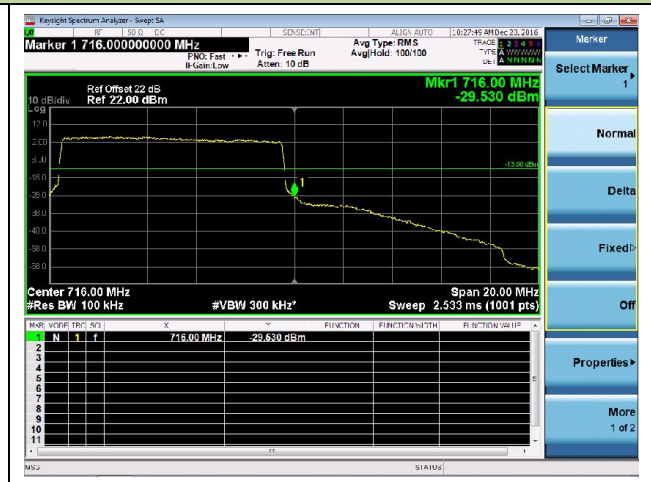
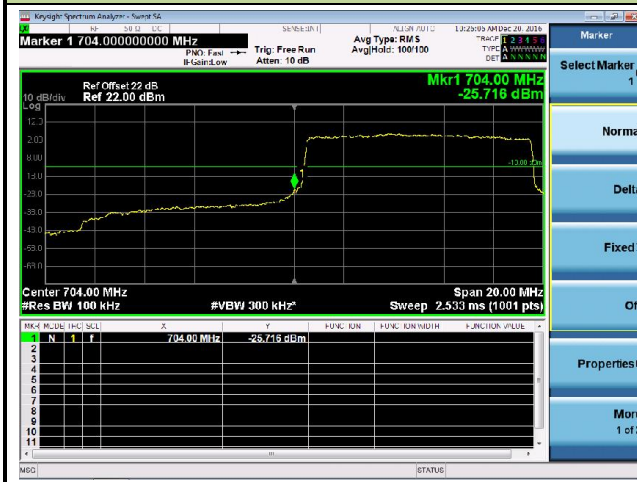


Conducted Band Edge

LTE Band 17 / 10MHz / QPSK



LTE Band 17 / 10MHz / 16-QAM



7.4. Spurious and Harmonic Emissions at Antenna Terminal

7.4.1. Test Limit

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \cdot \log(P)$ dB.

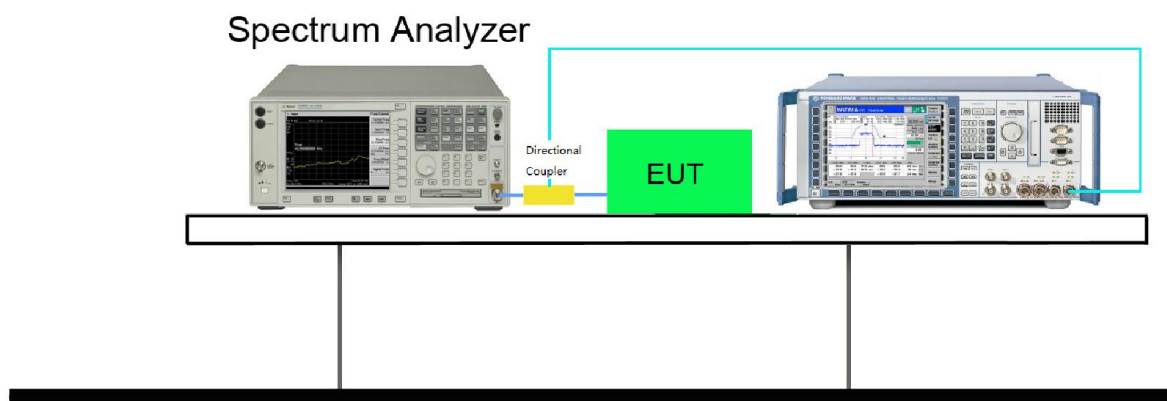
7.4.2. Test Procedure Used

KDB 971168 D01v02r02 – Section 6.0 & ANSI/TIA-603-D-2010

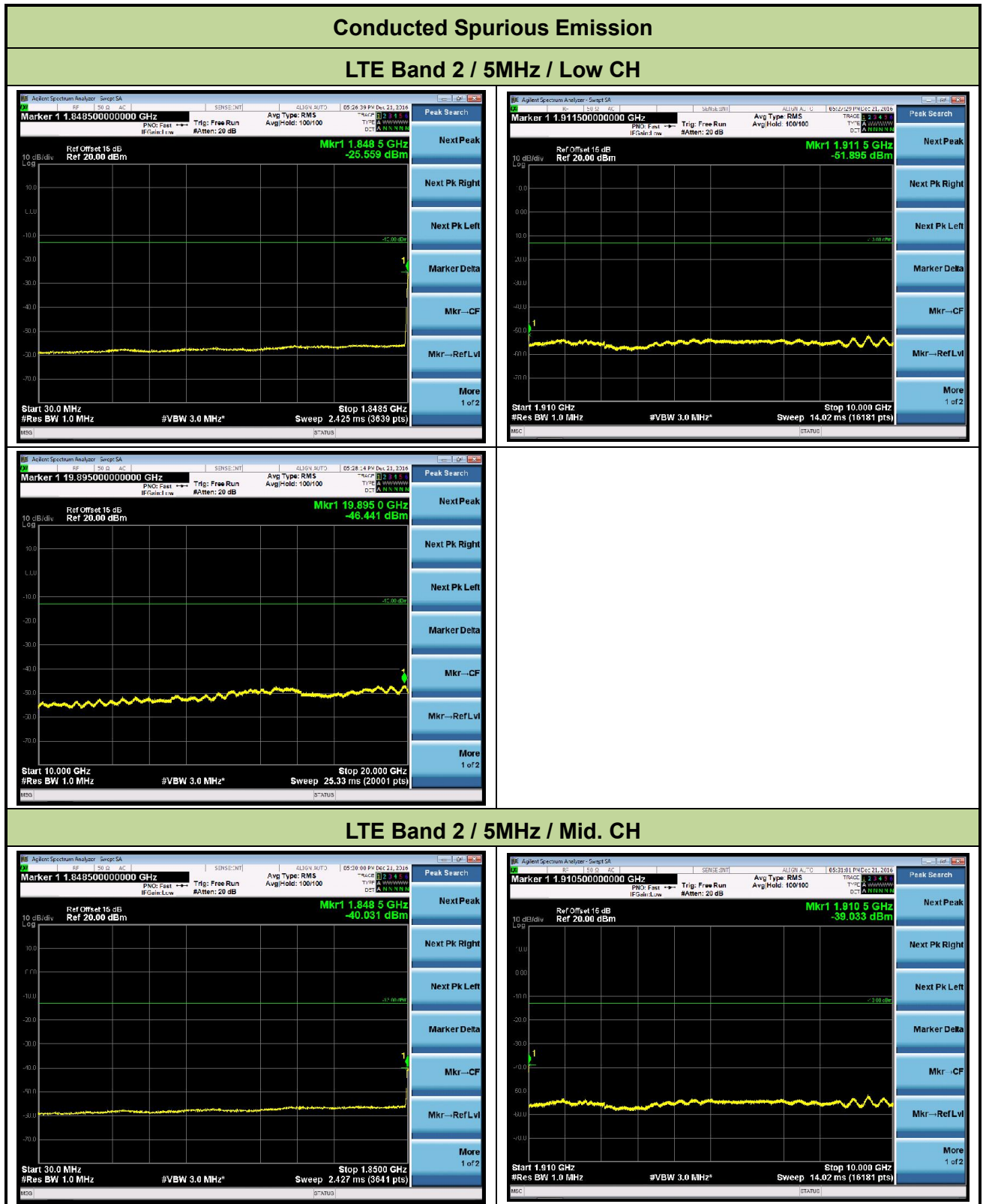
7.4.3. Test Setting

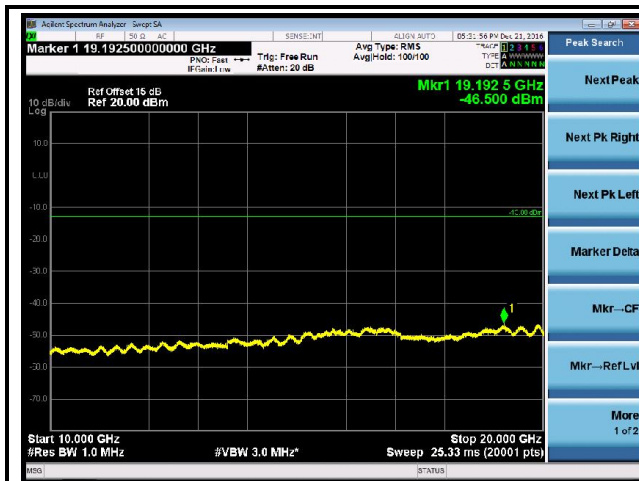
In the 1MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.

7.4.4. Test Setup

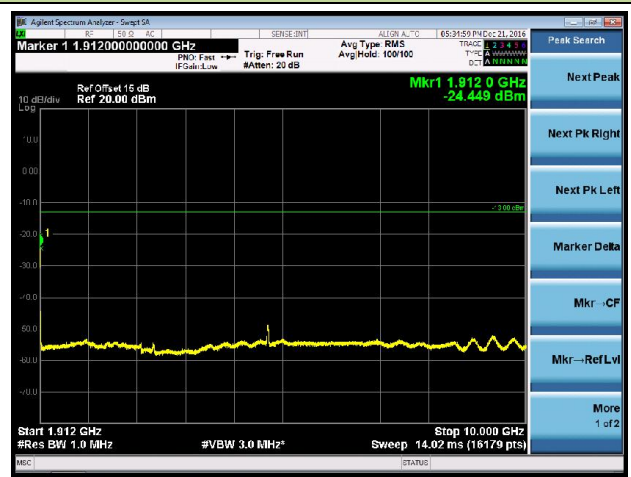
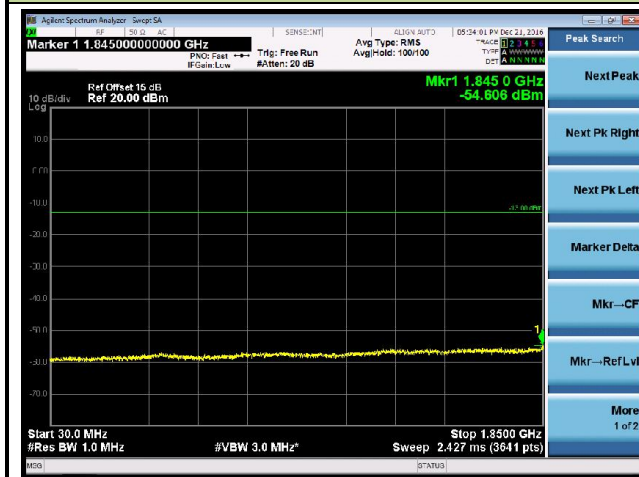


7.4.5. Test Result



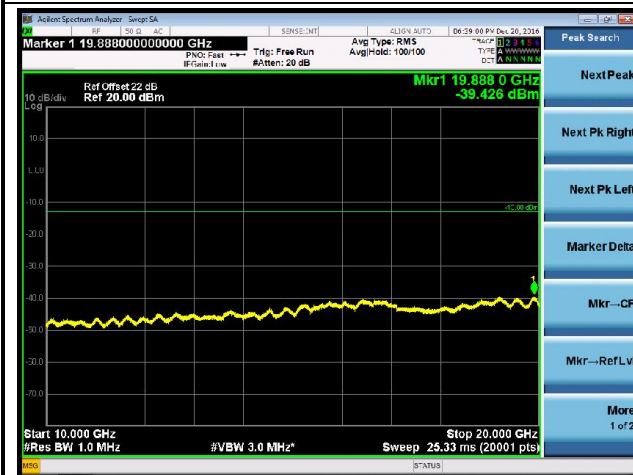
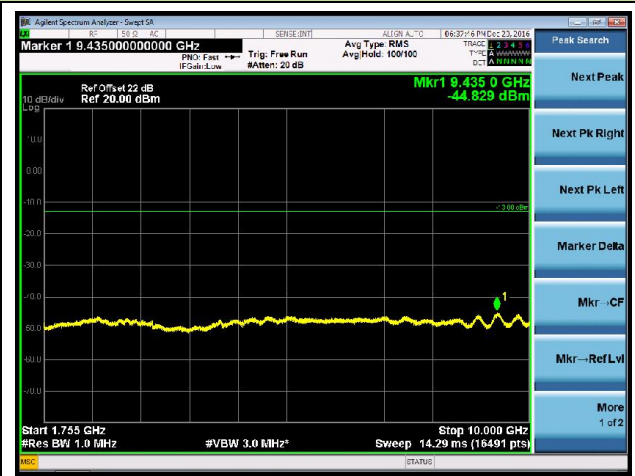
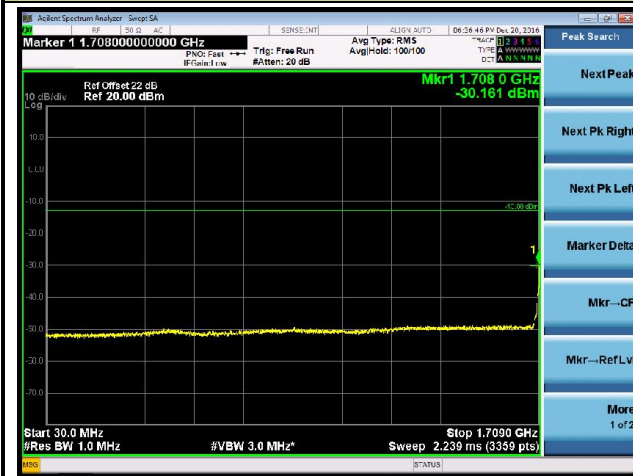


LTE Band 2 / 5MHz / High. CH

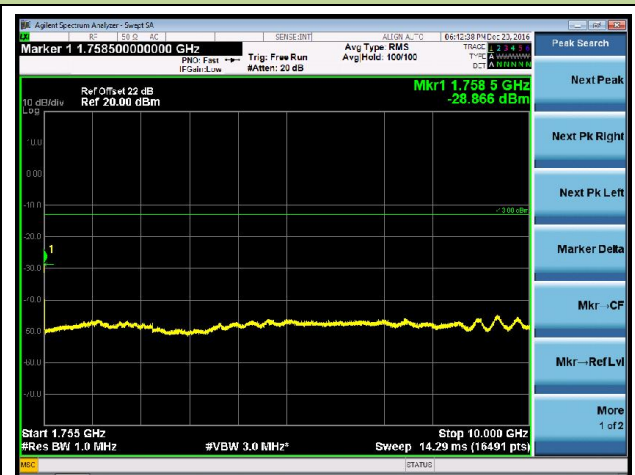


Conducted Spurious Emission

LTE Band 4 / 3MHz / Low CH

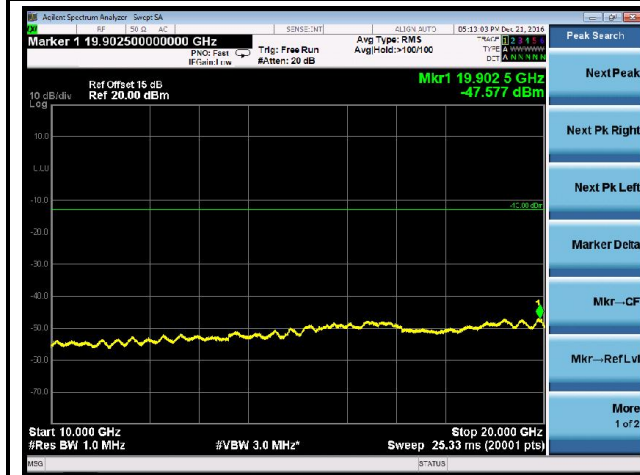
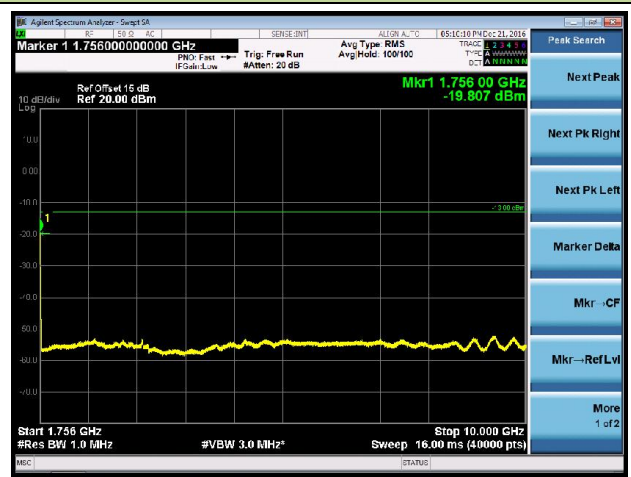
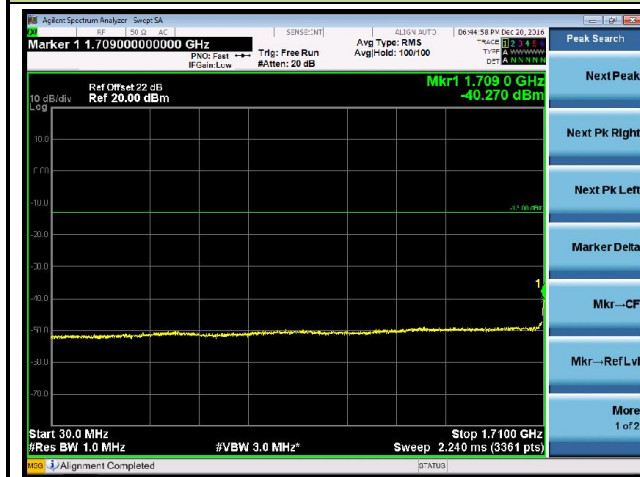


LTE Band 4 / 3MHz / Mid. CH



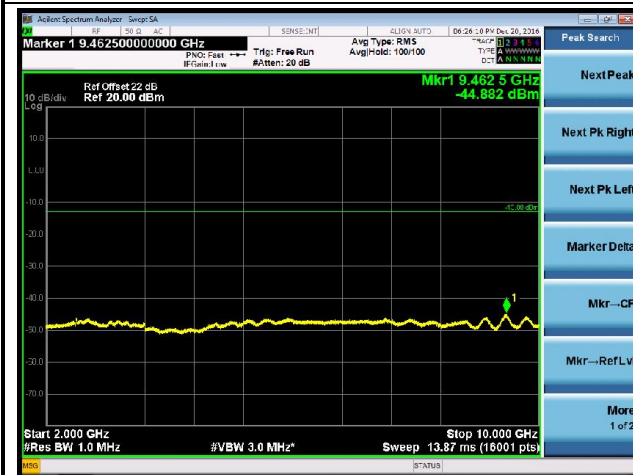
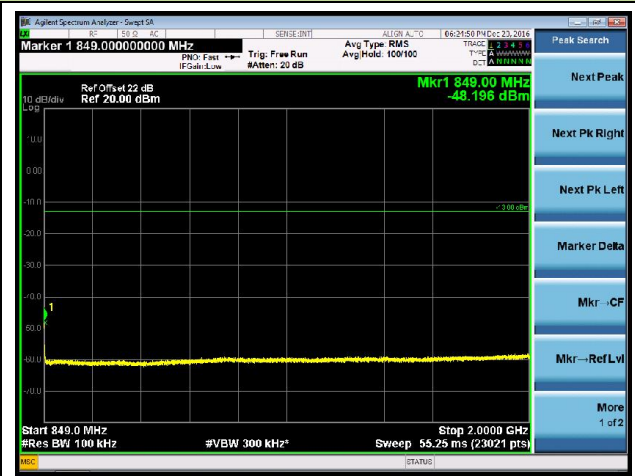
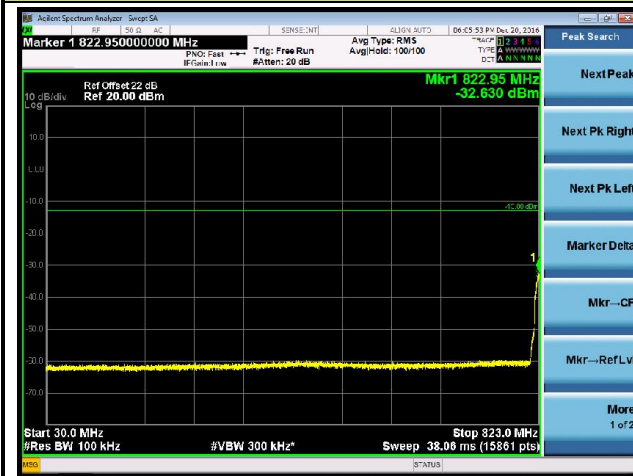


LTE Band 4 / 3MHz / High. CH

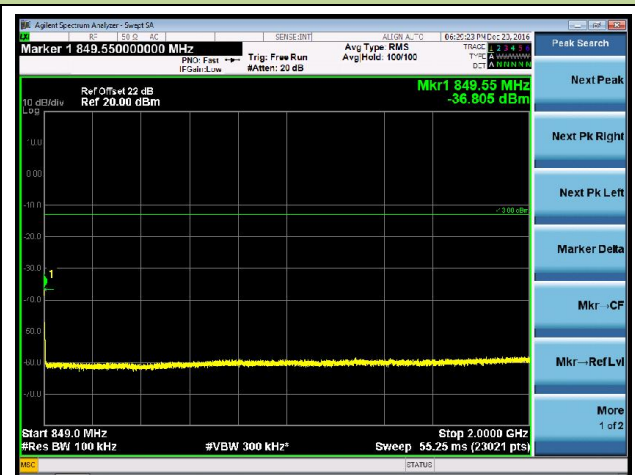
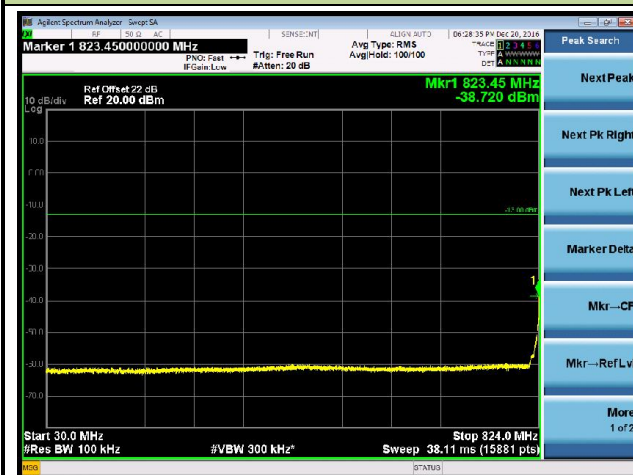


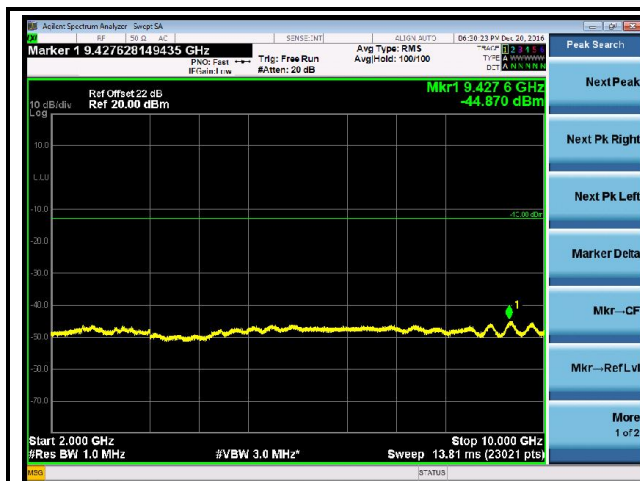
Conducted Spurious Emission

LTE Band 5 / 3MHz / Low CH

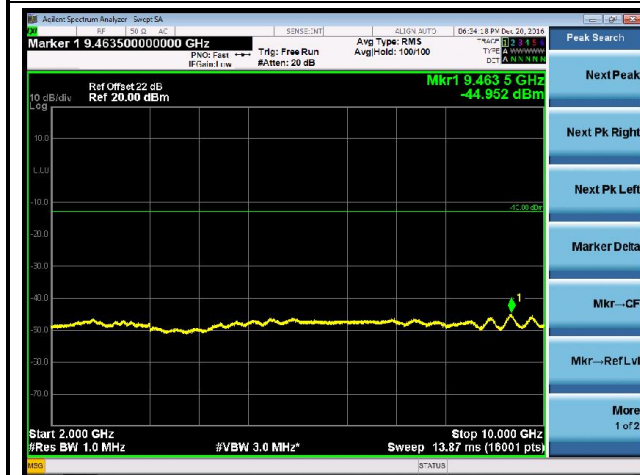
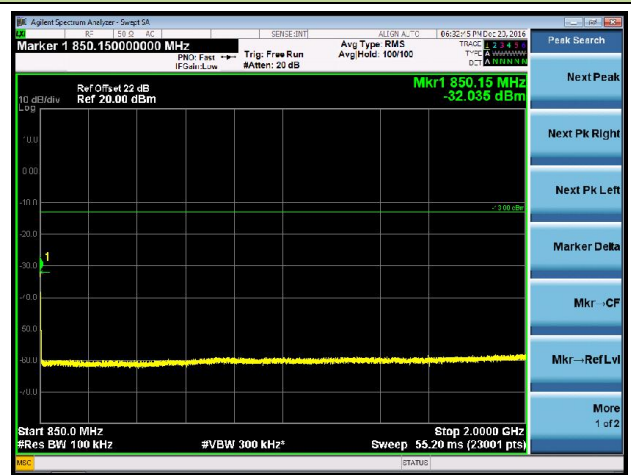
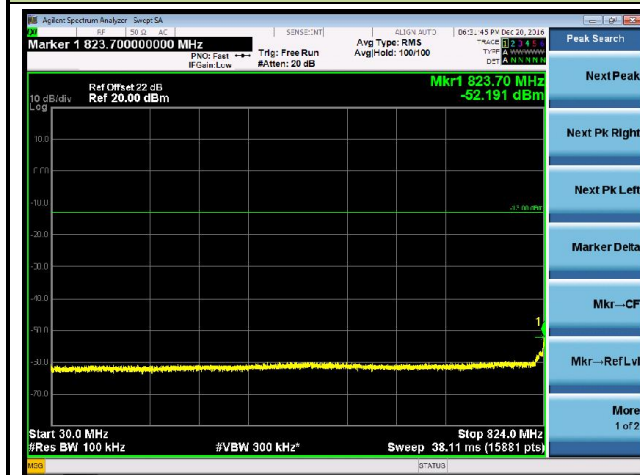


LTE Band 5 / 3MHz / Mid. CH



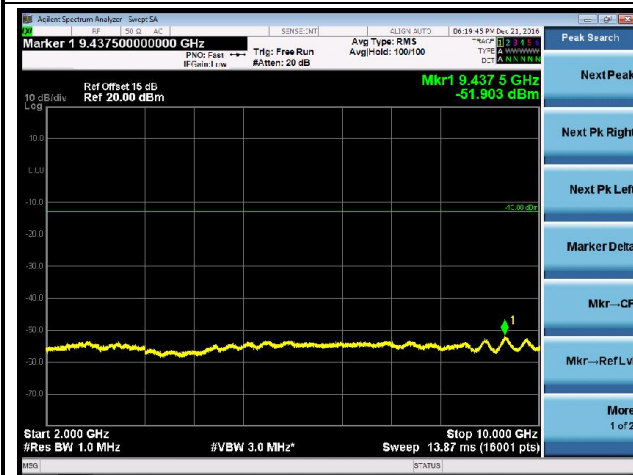
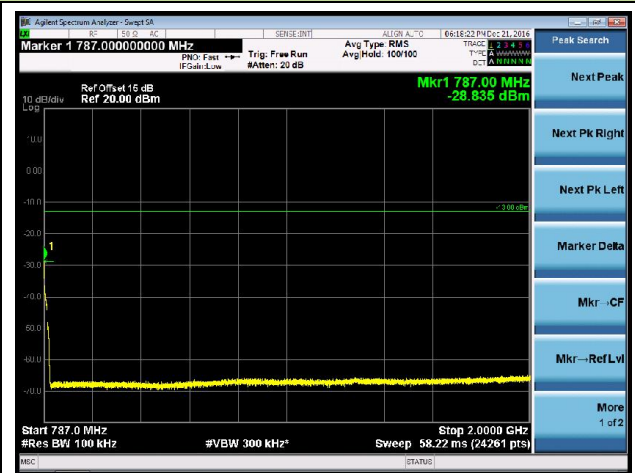
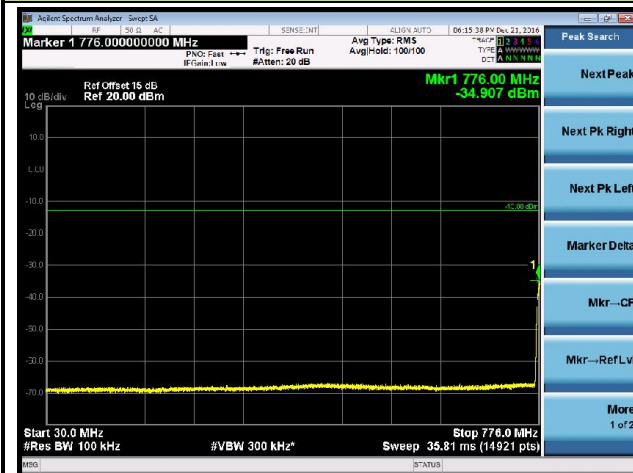


LTE Band 5 / 3MHz / High. CH



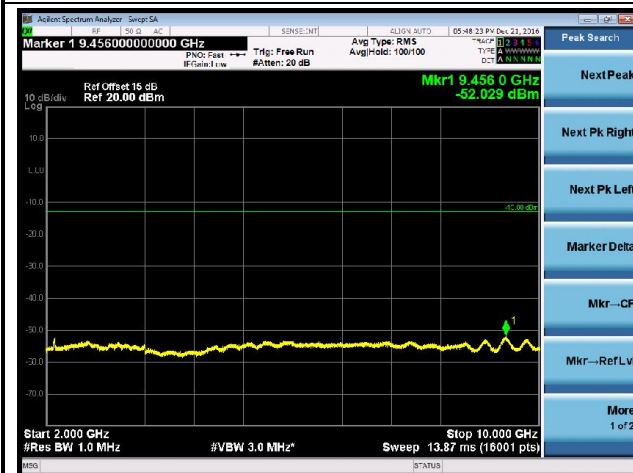
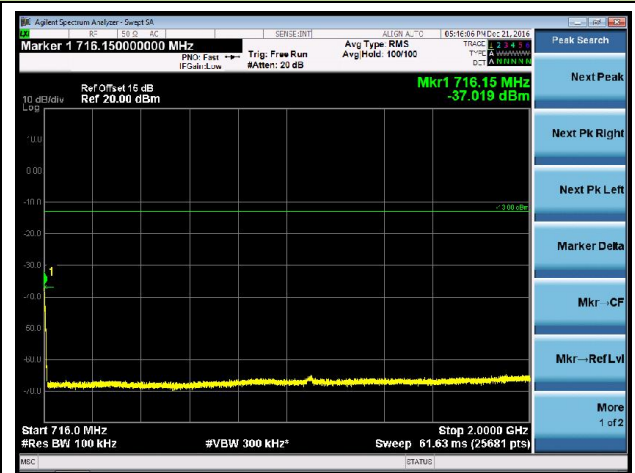
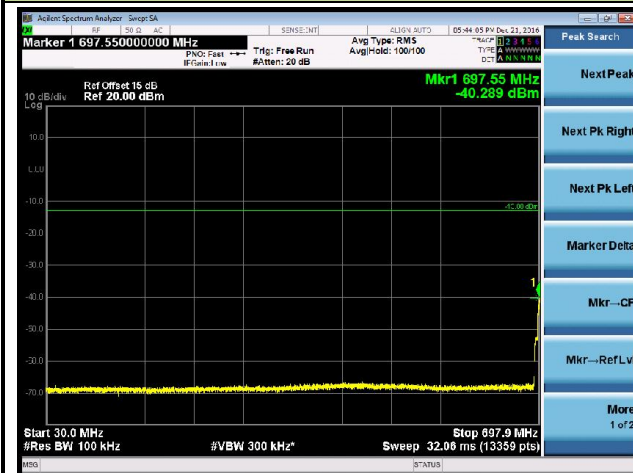
Conducted Spurious Emission

LTE Band 13 / 10MHz / Mid CH

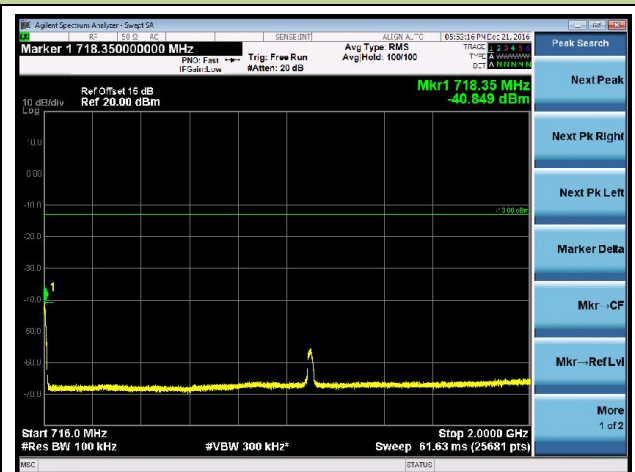
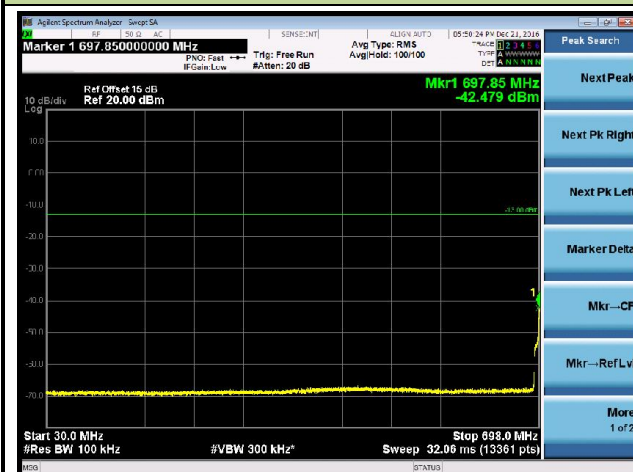


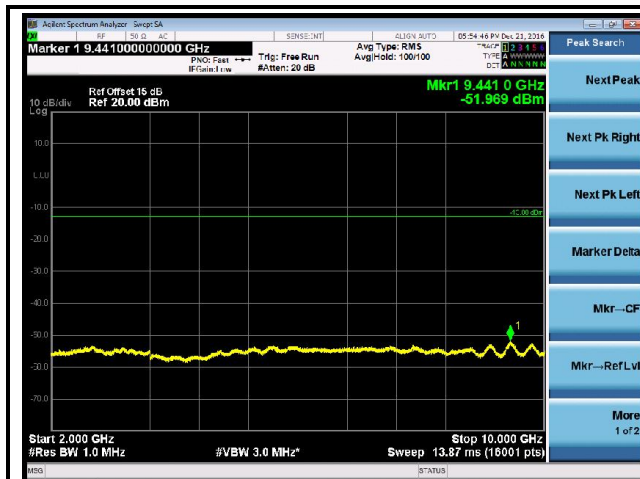
Conducted Spurious Emission

LTE Band 17 / 5MHz / Low CH

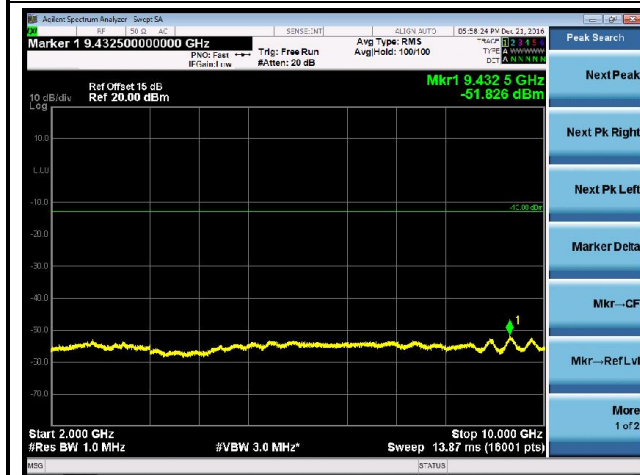
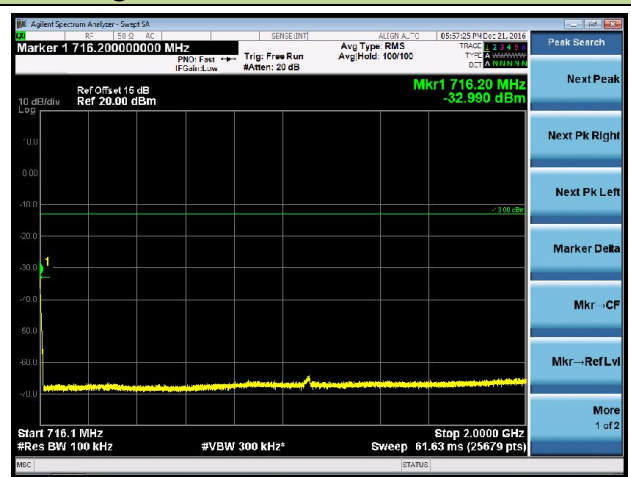
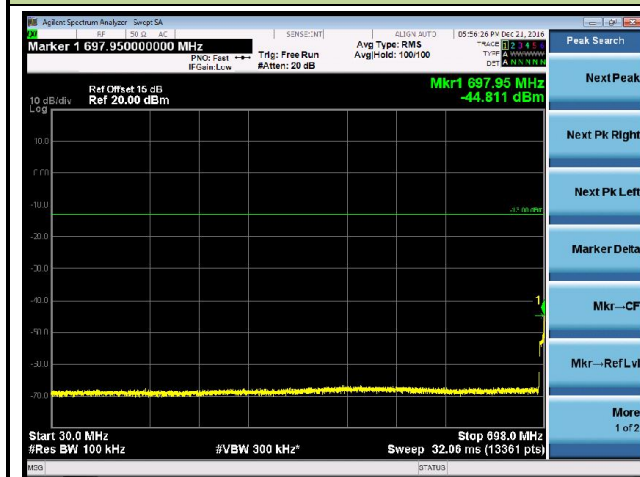


LTE Band 17 / 5MHz / Mid. CH





LTE Band 17 / 5MHz / High. CH



7.5. Peak-Average Ratio

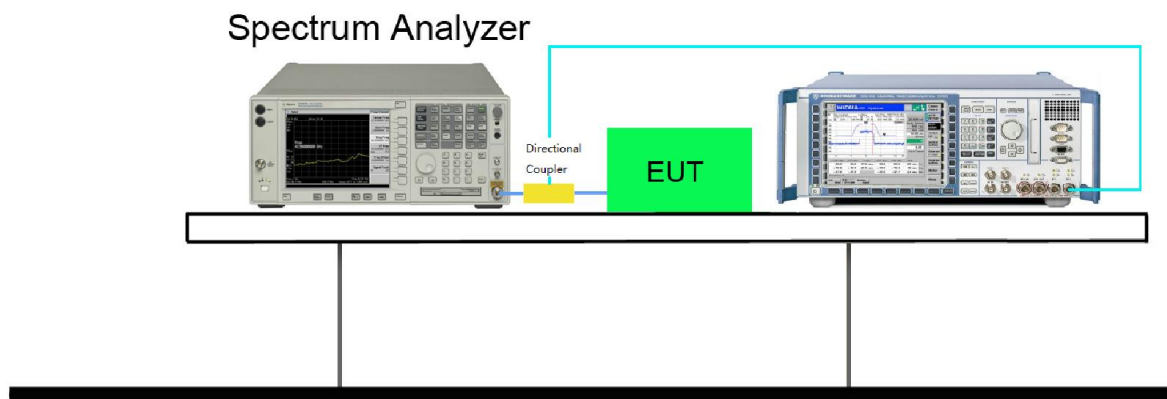
7.5.1. Test Limit

The transmitter's peak-to-average power ratio (PAPR) shall not exceed 13 dB for more than 0.1% of the time using a signal corresponding to the highest PAPR during periods of continuous transmission.

7.5.2. Test Procedure

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7.5.3. Test Setup



7.5.4. Test Result

LTE Band 2 / 20MHz					
Mod.	QPSK		16-QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Low CH	3.94	5.26	4.85	5.90	Pass
Mid. CH	3.10	5.09	4.37	5.81	Pass
High CH	3.98	5.11	4.93	5.82	Pass

LTE Band 4 / 20MHz					
Mod.	QPSK		16-QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Low CH	4.22	5.49	5.20	6.17	Pass
Mid. CH	4.26	5.31	5.36	6.11	Pass
High CH	3.91	5.35	4.89	6.09	Pass

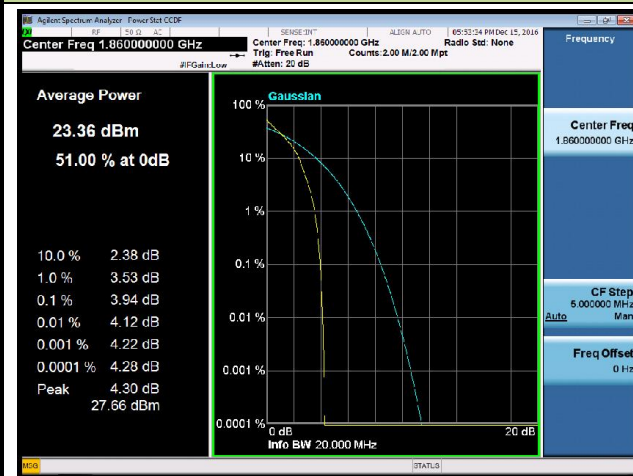
LTE Band 5 / 10MHz					
Mod.	QPSK		16-QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Low CH	4.29	5.29	4.92	6.05	Pass
Mid. CH	4.53	5.26	5.38	6.10	Pass
High CH	4.45	5.15	5.24	5.91	Pass

LTE Band 13 / 10MHz					
Mod.	QPSK		16-QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Mid. CH	4.22	5.25	5.22	6.00	Pass

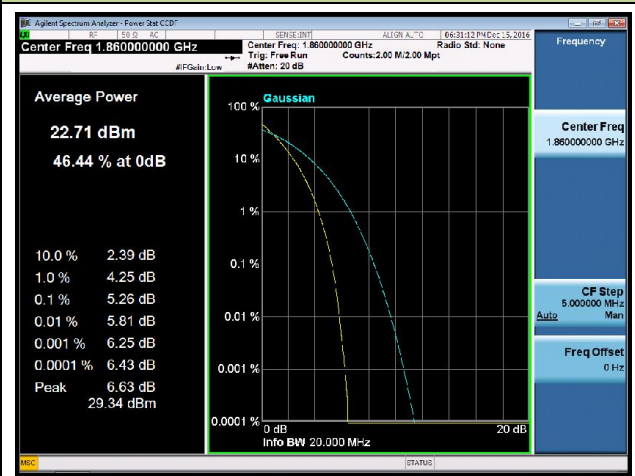
LTE Band 17 / 10MHz					
Mod.	QPSK		16-QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Low CH	4.55	5.22	5.36	6.09	Pass
Mid. CH	4.52	5.24	5.45	6.08	Pass
High CH	4.57	5.33	5.59	6.11	Pass

LTE Band 2 / 20MHz / QPSK

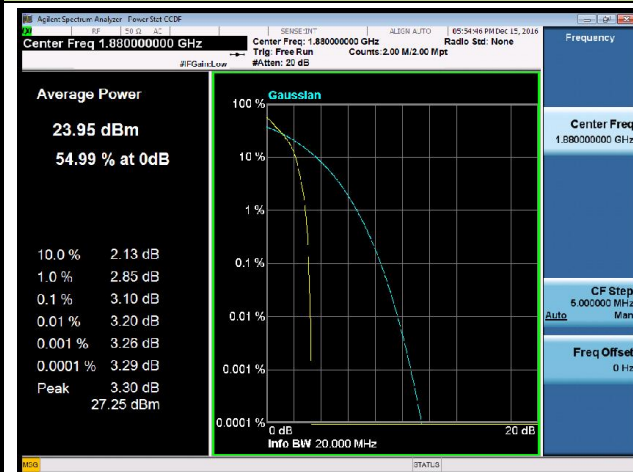
Low CH / 1RB



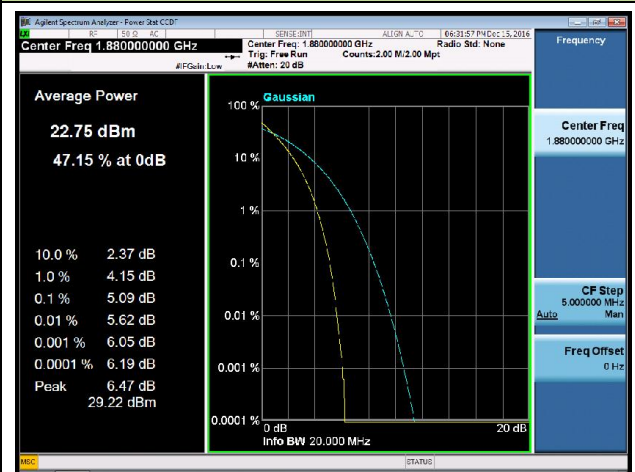
Low CH Full RB



Mid CH / 1RB



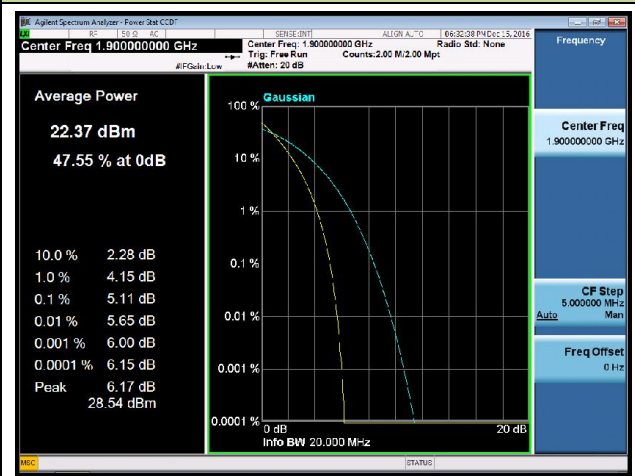
Mid CH Full RB



High CH / 1RB

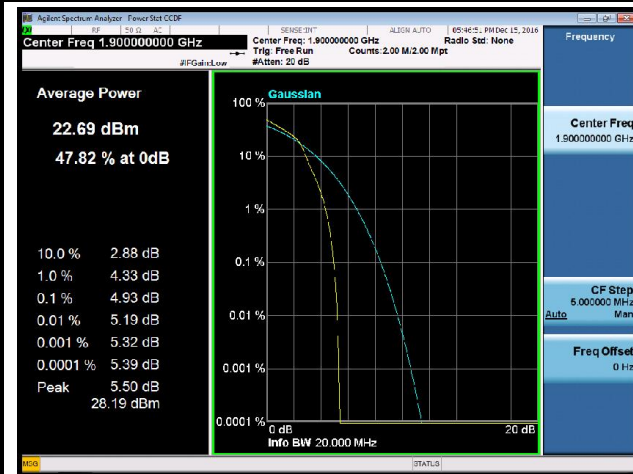


High CH Full RB

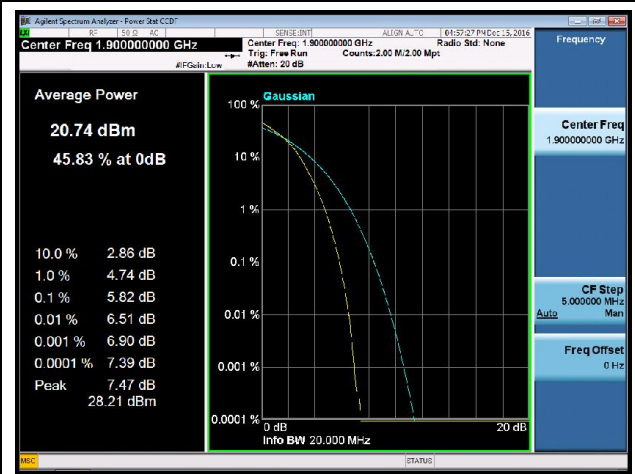


LTE Band 2 / 20MHz / 16-QAM

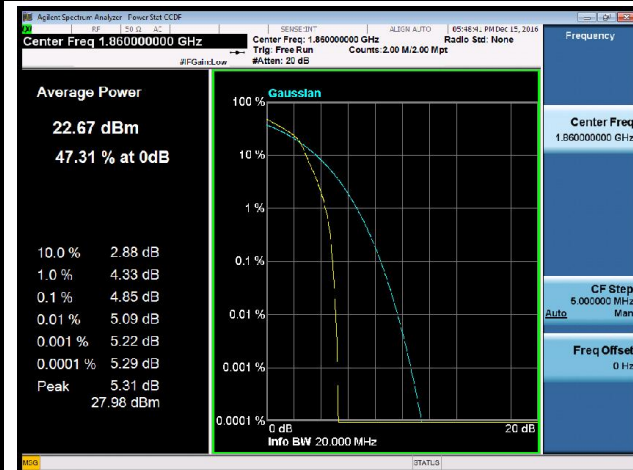
Low CH / 1RB



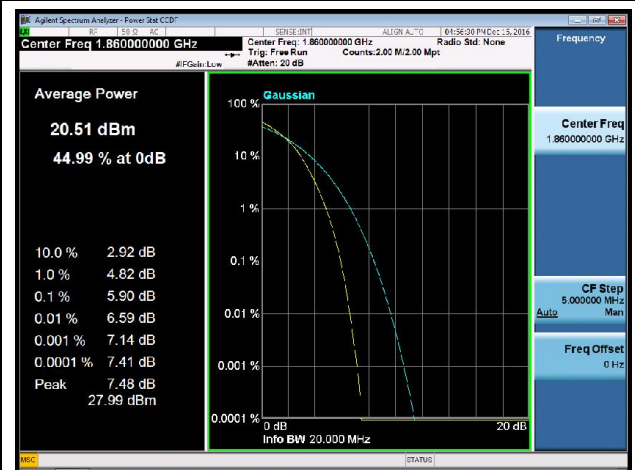
Low CH Full RB



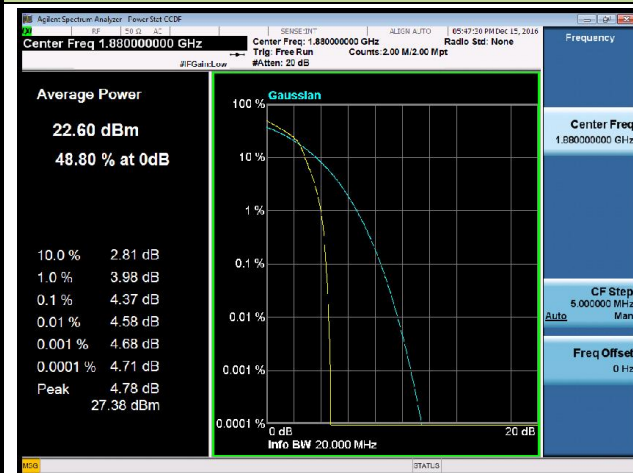
Mid CH / 1RB



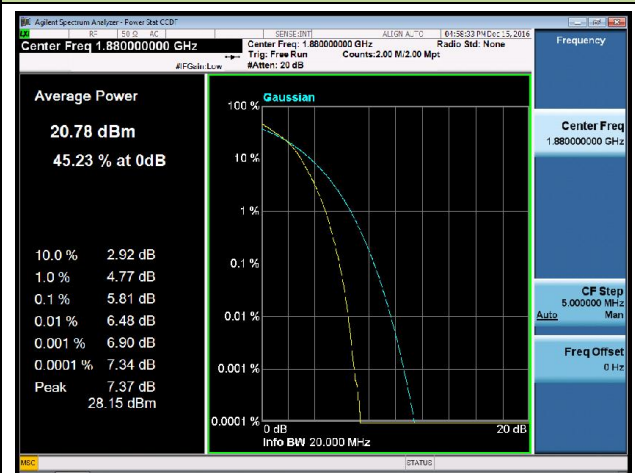
Mid CH Full RB



High CH / 1RB

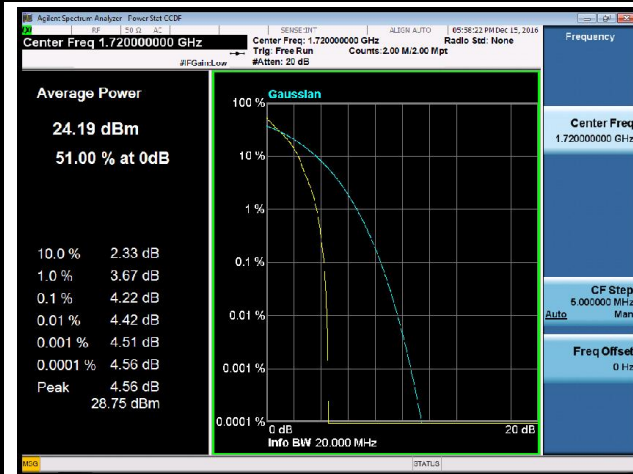


High CH Full RB

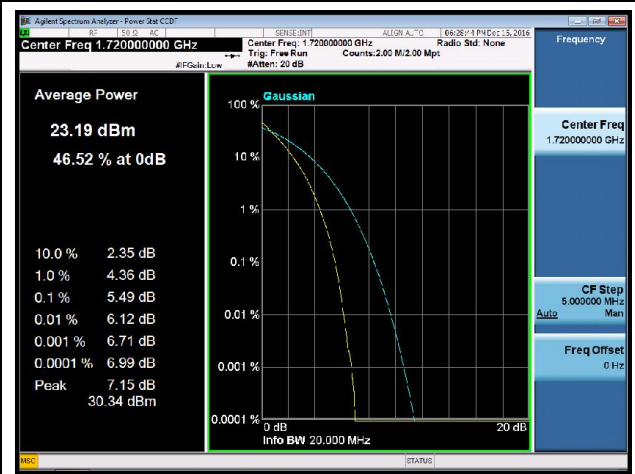


LTE Band 4 / 20MHz / QPSK

Low CH / 1RB



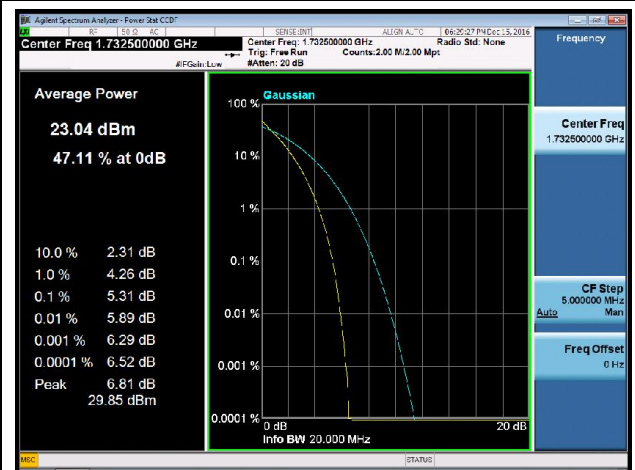
Low CH Full RB



Mid CH / 1RB



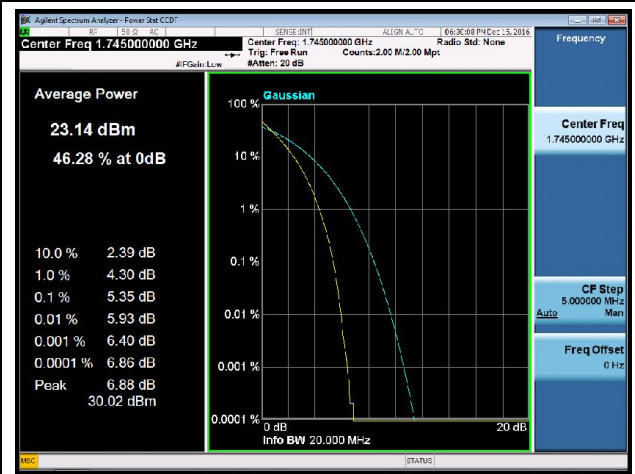
Mid CH Full RB



High CH / 1RB

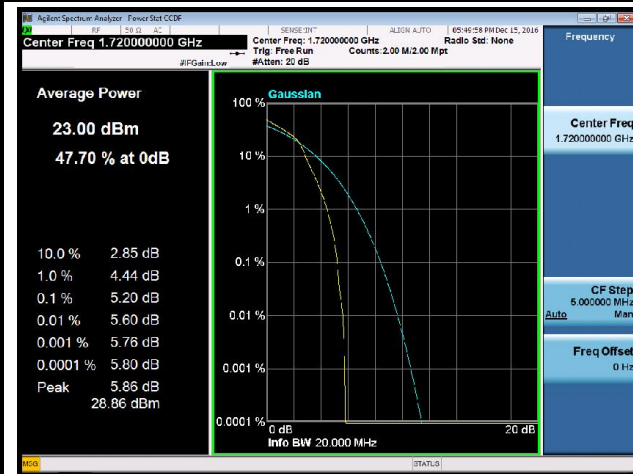


High CH Full RB

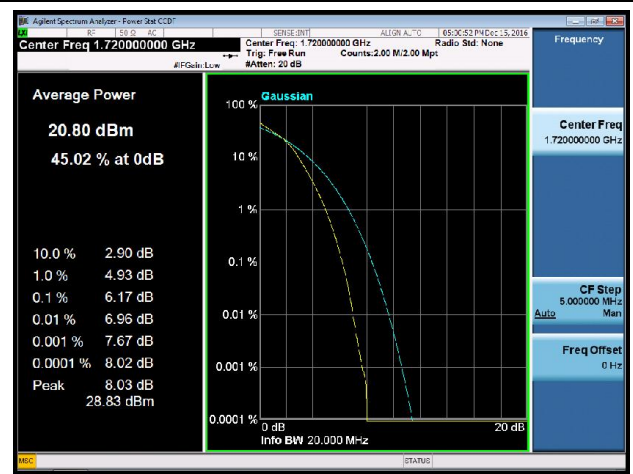


LTE Band 4 / 20MHz / 16-QAM

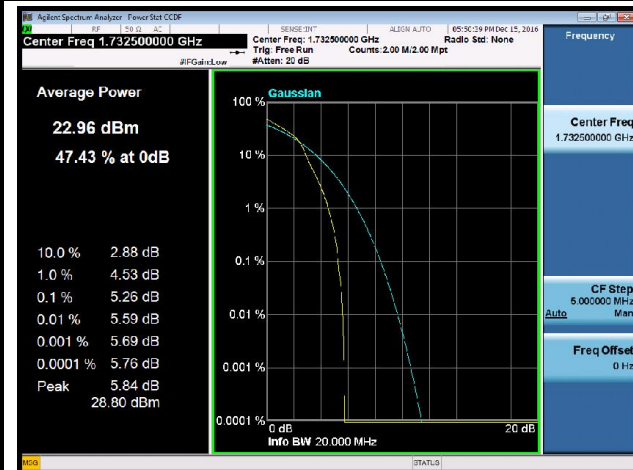
Low CH / 1RB



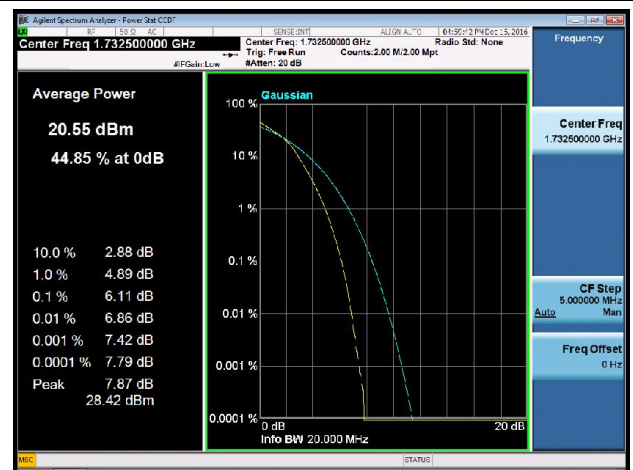
Low CH Full RB



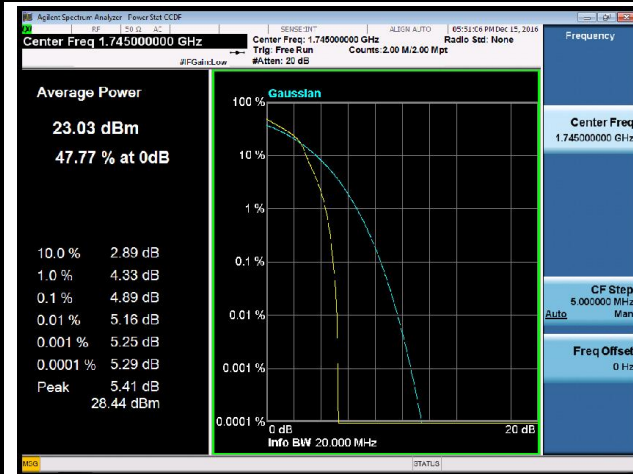
Mid CH / 1RB



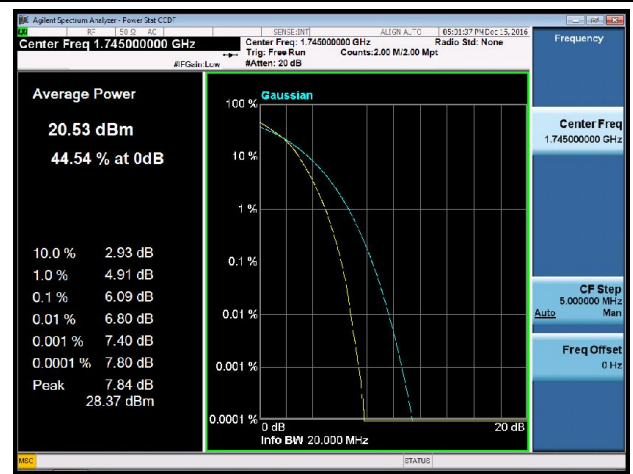
Mid CH Full RB



High CH / 1RB



High CH Full RB

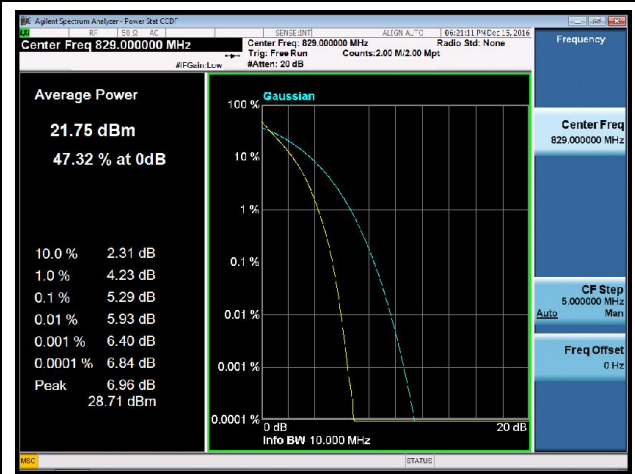


LTE Band 5 / 10MHz / QPSK

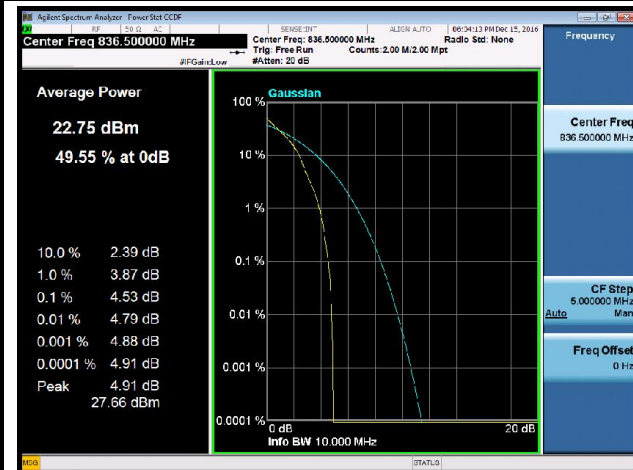
Low CH / 1RB



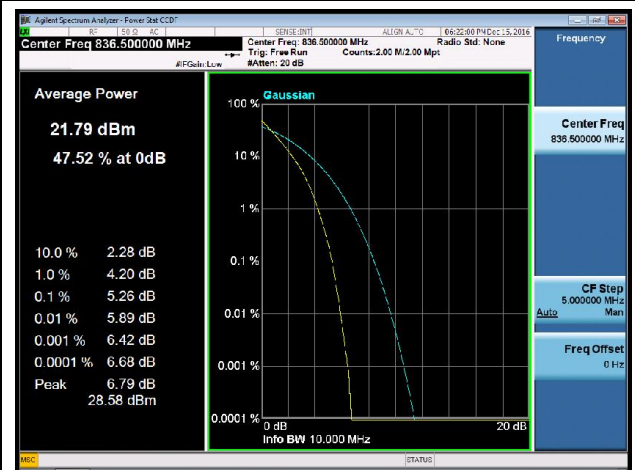
Low CH Full RB



Mid CH / 1RB



Mid CH Full RB



High CH / 1RB



High CH Full RB

