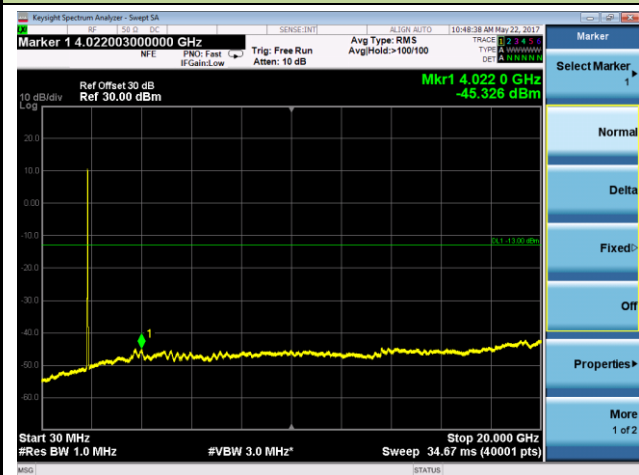
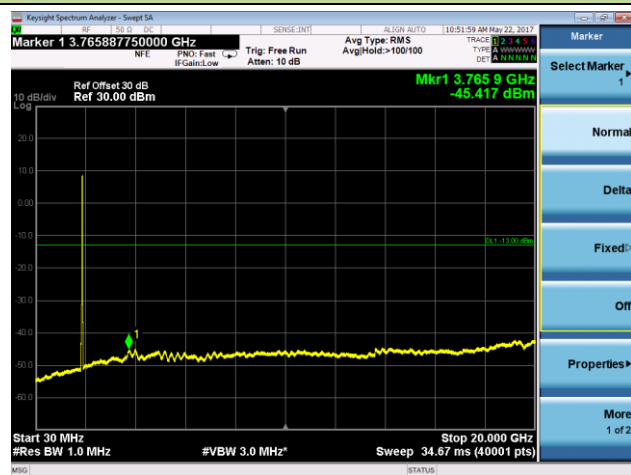


Conducted Spurious Emission

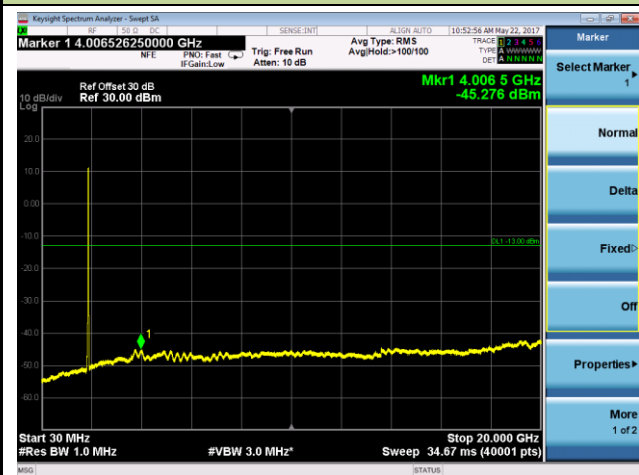
LTE Band 2 / 20MHz Low CH



LTE Band 2 / 20MHz / Mid. CH

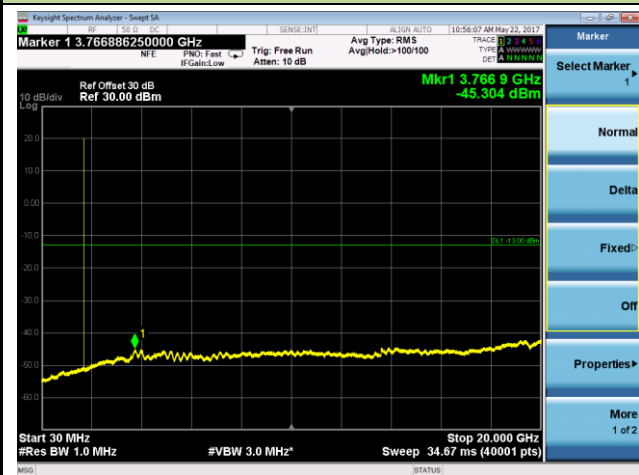


LTE Band 2 / 20MHz / High. CH

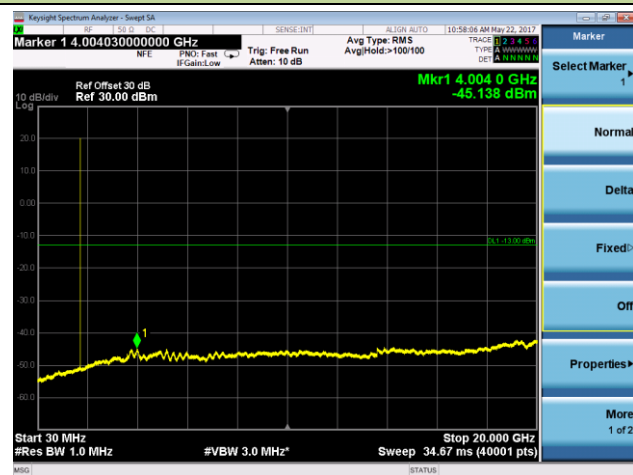


Conducted Spurious Emission

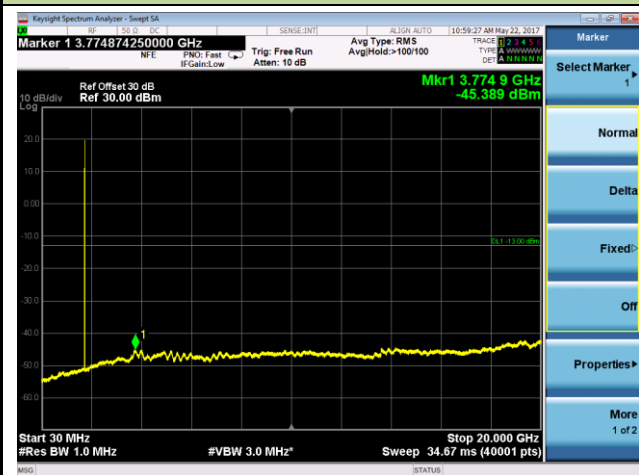
LTE Band 4 / 1.4MHz Low CH



LTE Band 4 / 1.4MHz / Mid. CH

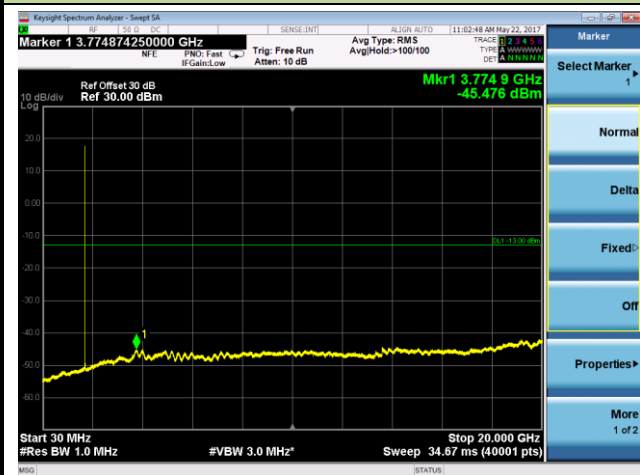


LTE Band 4 / 1.4MHz / High. CH

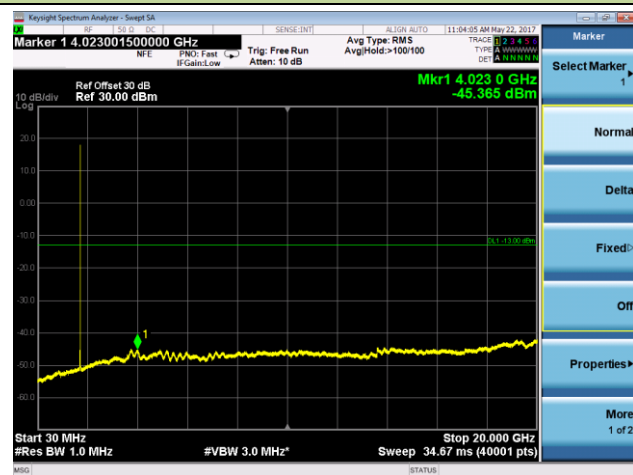


Conducted Spurious Emission

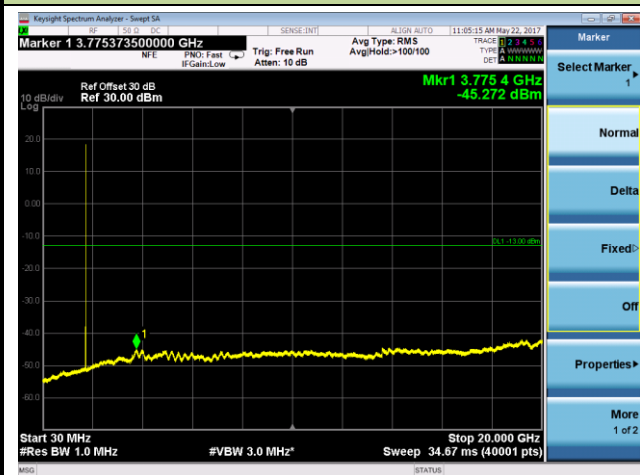
LTE Band 4 / 3MHz Low CH



LTE Band 4 / 3MHz / Mid. CH

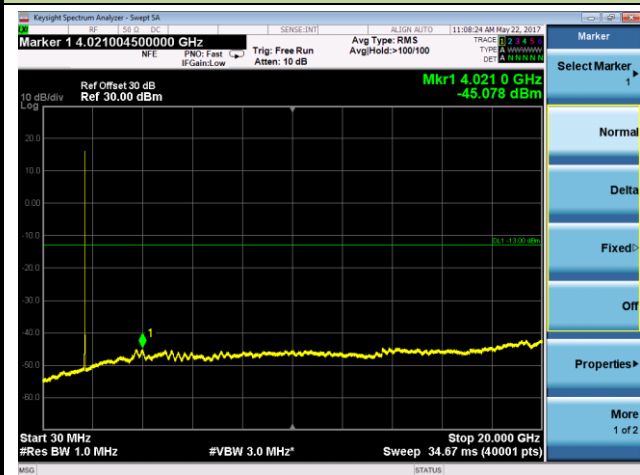


LTE Band 4 / 3MHz / High. CH

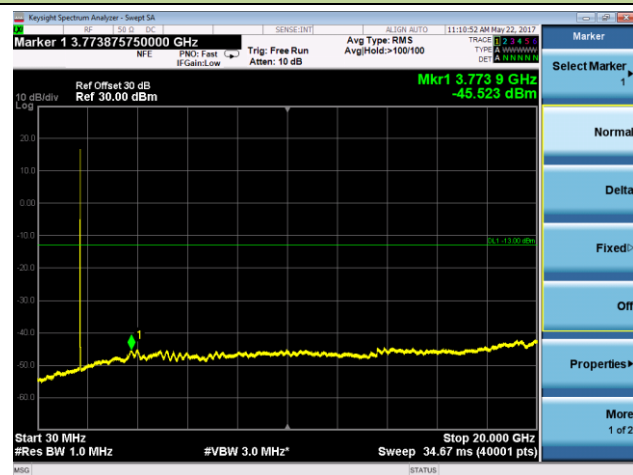


Conducted Spurious Emission

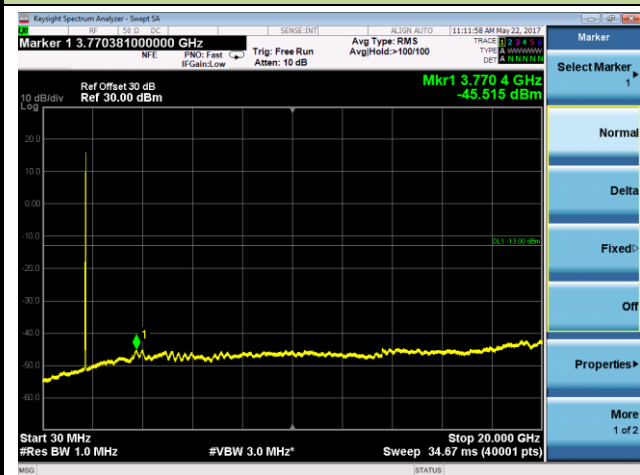
LTE Band 4 / 5MHz Low CH



LTE Band 4 / 5MHz / Mid. CH

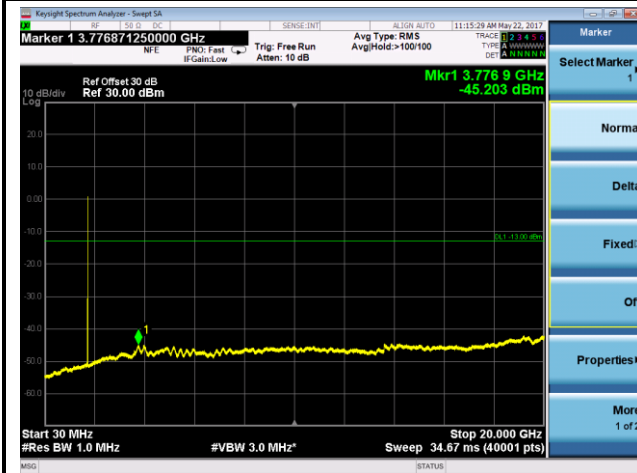


LTE Band 4 / 5MHz / High. CH

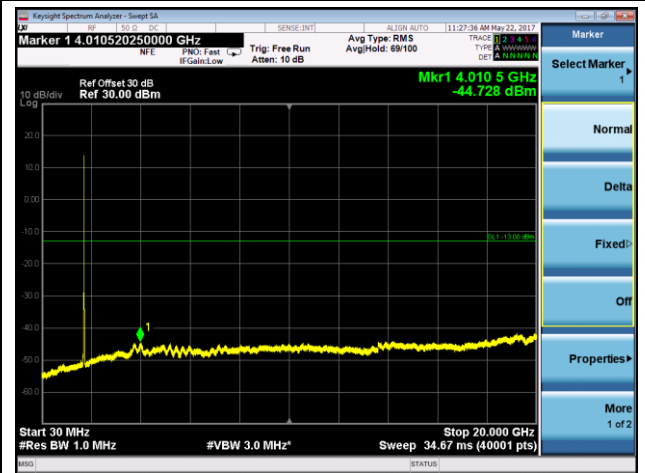


Conducted Spurious Emission

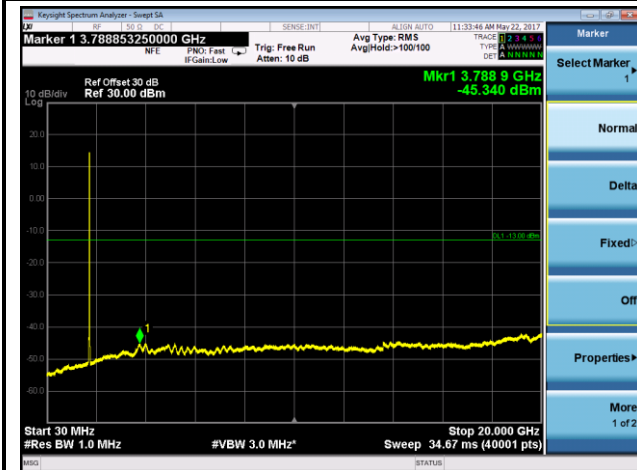
LTE Band 4 / 10MHz Low CH



LTE Band 4 / 10MHz / Mid. CH

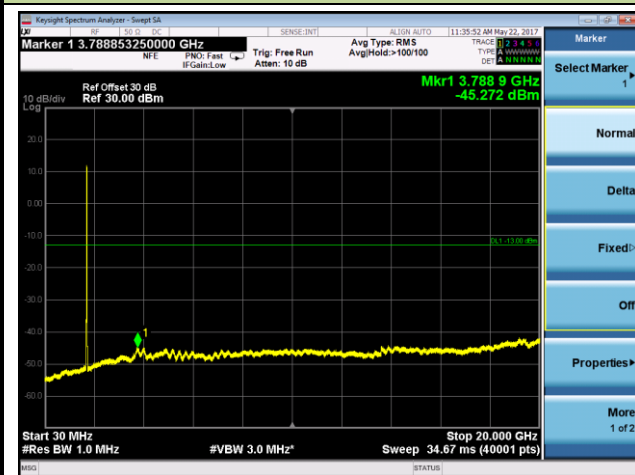


LTE Band 4 / 10MHz / High. CH

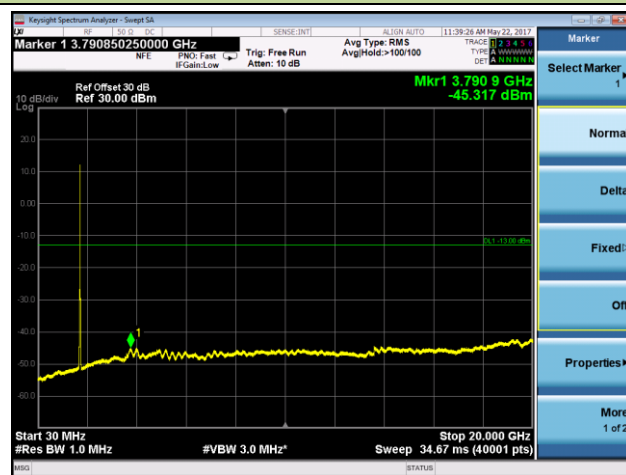


Conducted Spurious Emission

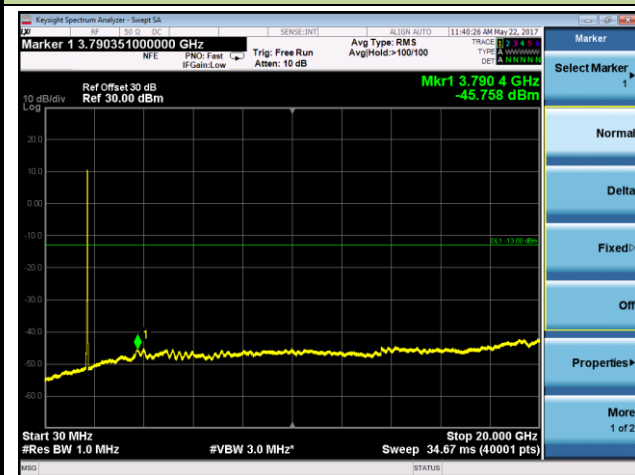
LTE Band 4 / 15MHz Low CH



LTE Band 4 / 15MHz / Mid. CH

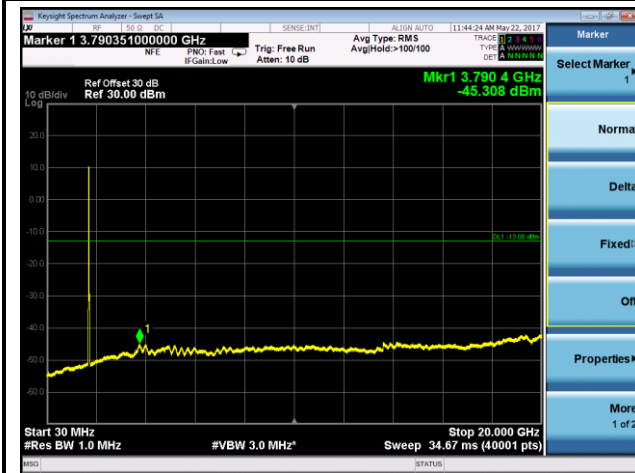


LTE Band 4 / 15MHz / High. CH

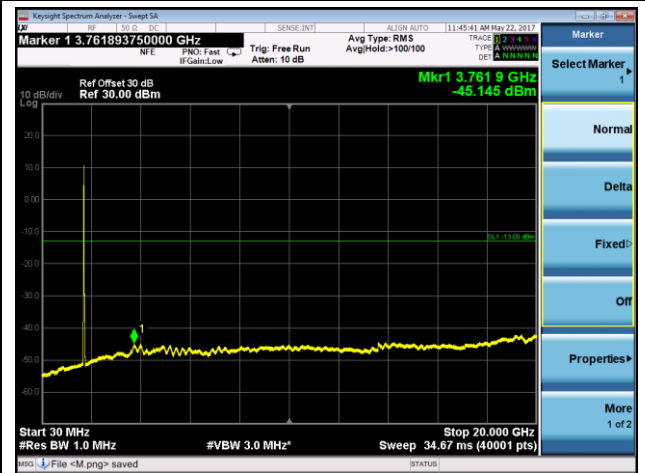


Conducted Spurious Emission

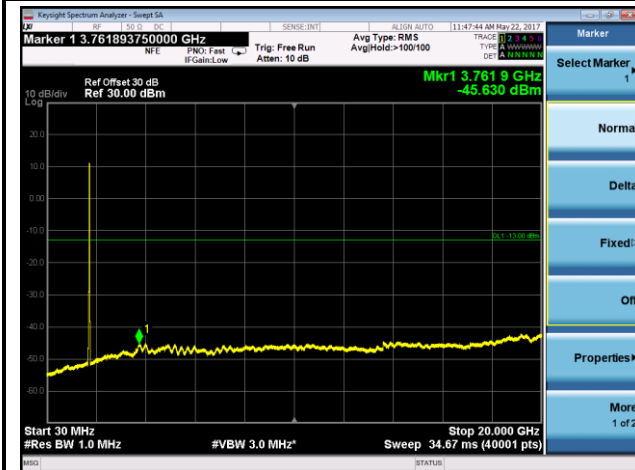
LTE Band 4 / 20MHz Low CH



LTE Band 4 / 20MHz / Mid. CH

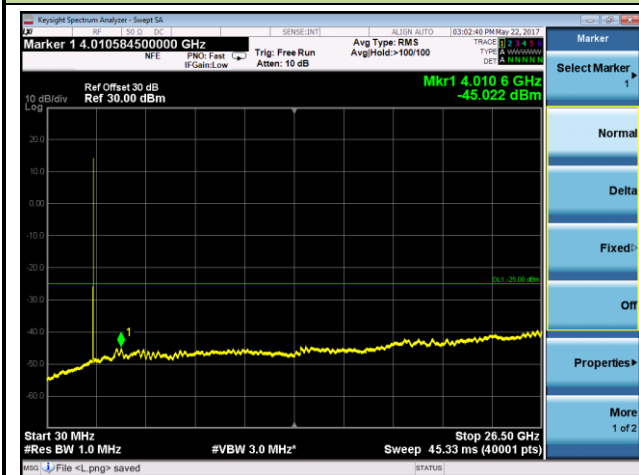


LTE Band 4 / 20MHz / High. CH

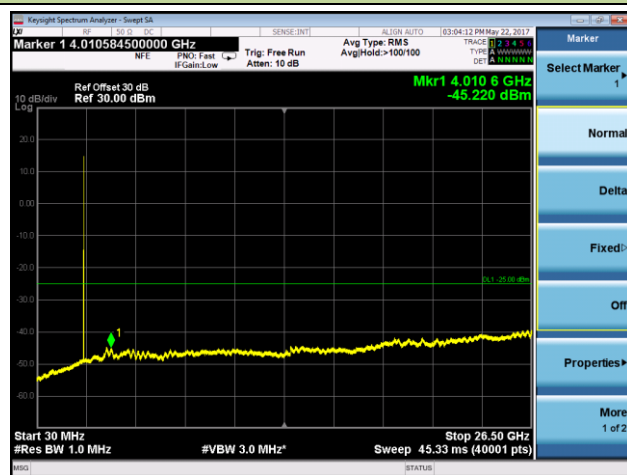


Conducted Spurious Emission

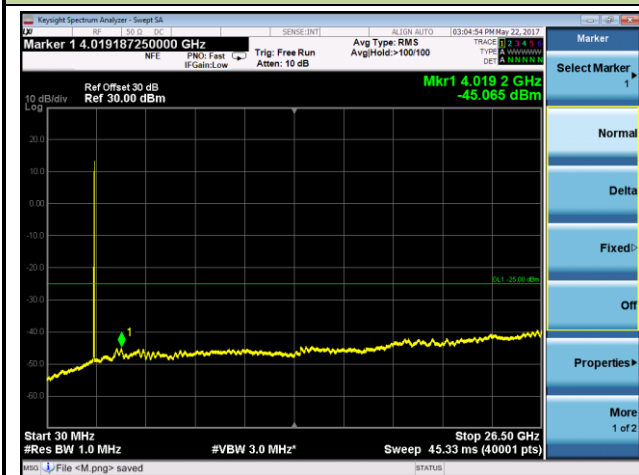
LTE Band 7 / 5MHz Low CH



LTE Band 7 / 5MHz / Mid. CH

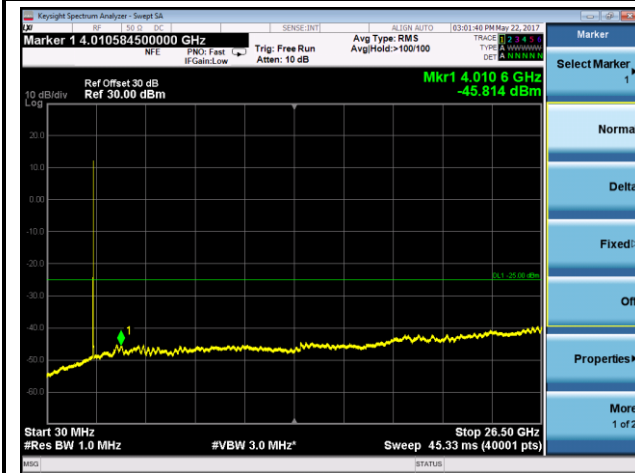


LTE Band 7 / 5MHz / High. CH



Conducted Spurious Emission

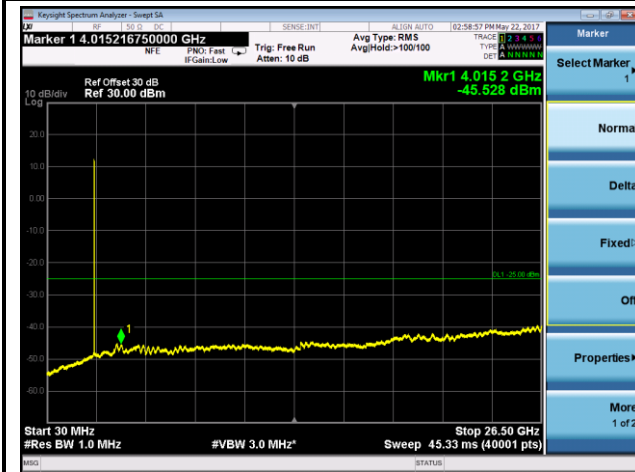
LTE Band 7 / 10MHz Low CH



LTE Band 7 / 10MHz / Mid. CH

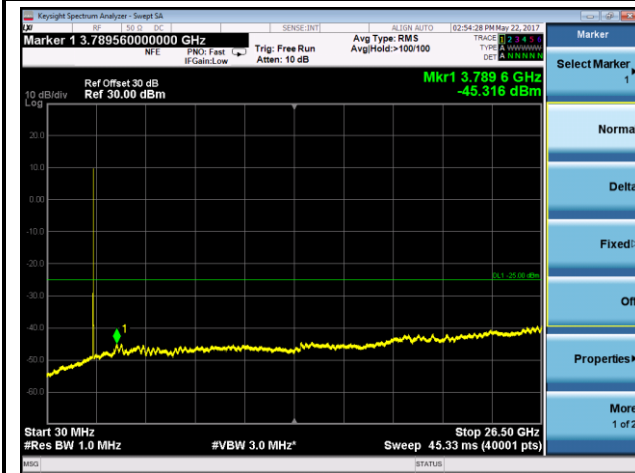


LTE Band 7 / 10MHz / High. CH



Conducted Spurious Emission

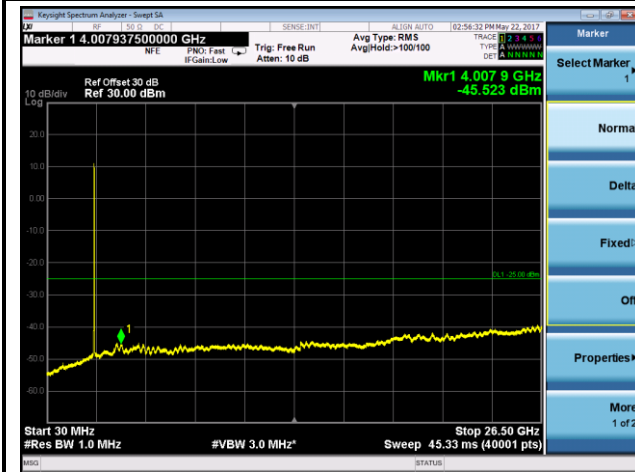
LTE Band 7 / 15MHz Low CH



LTE Band 7 / 15MHz / Mid. CH

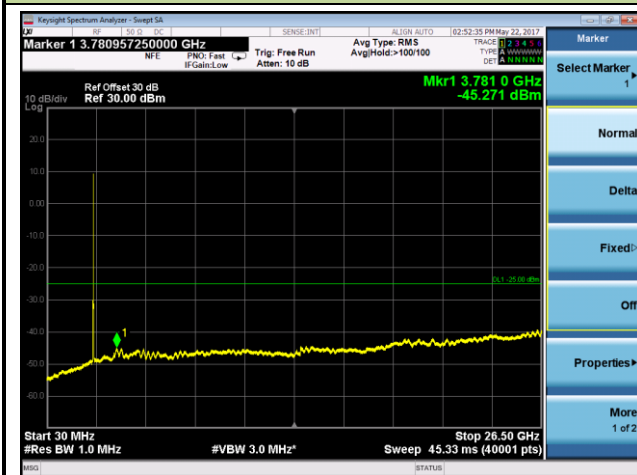


LTE Band 7 / 15MHz / High. CH

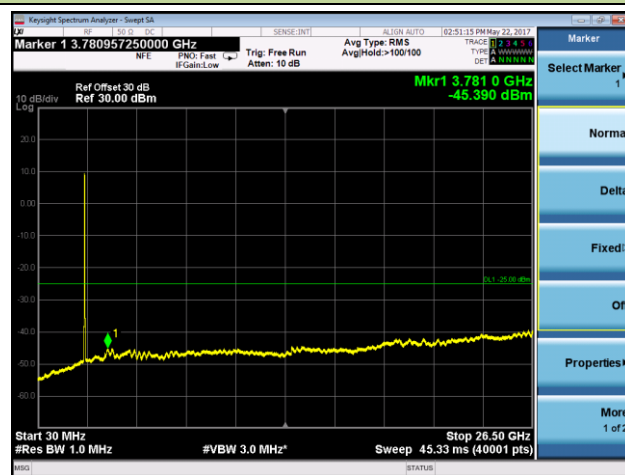


Conducted Spurious Emission

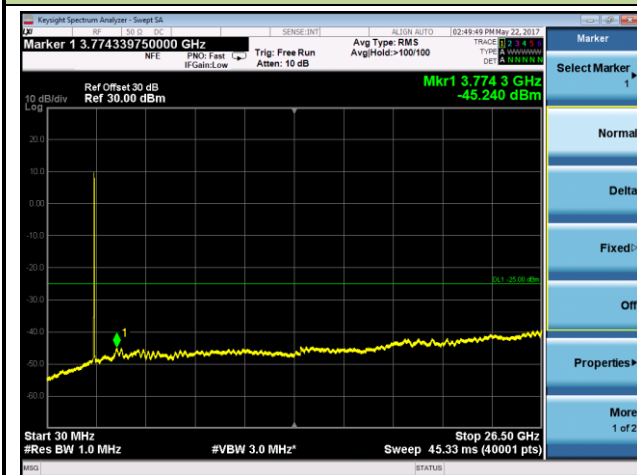
LTE Band 7 / 20MHz Low CH



LTE Band 7 / 20MHz / Mid. CH



LTE Band 7 / 20MHz / High. CH



7.5. Peak-Average Ratio

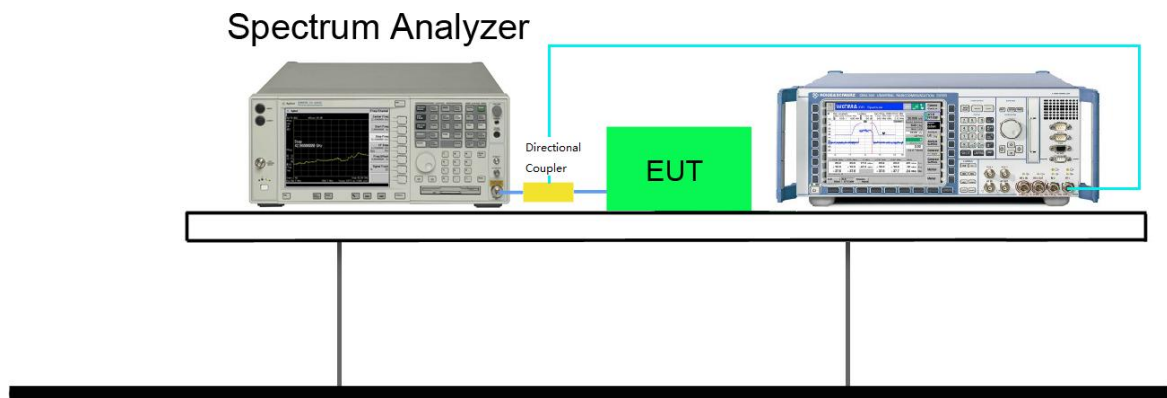
7.5.1. Test Limit

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

KDB 971168 D01v02r02 - Section 5.7 & ANSI/TIA-603-D-2010

7.5.3. Test Setup



7.5.4. Test Result

Product	Mobile Computer	Temperature	25°C
Test Engineer	Polly Zong	Relative Humidity	52%
Test Site	TR3	Test Date	2017/05/23

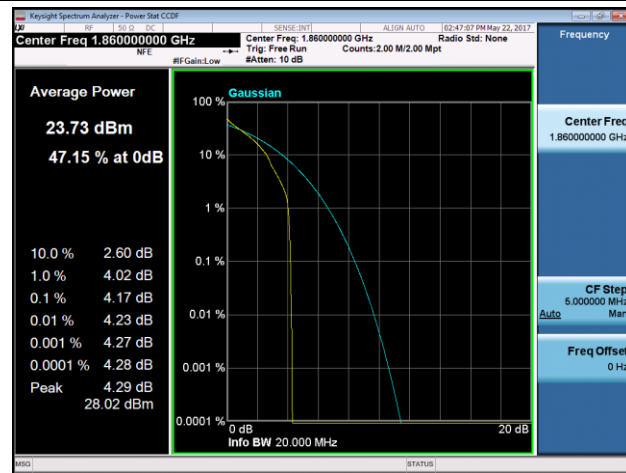
LTE Band 2 / 20MHz					
Mod.	QPSK		16-QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Low CH	4.17	5.30	5.15	6.09	Pass
Mid. CH	4.67	5.35	5.32	6.10	Pass
High CH	4.24	5.23	5.16	6.00	Pass

LTE Band 4 / 20MHz					
Mod.	QPSK		16-QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Low CH	4.29	5.24	5.08	5.98	Pass
Mid. CH	4.35	5.30	5.33	6.12	Pass
High CH	4.55	5.14	5.52	6.00	Pass

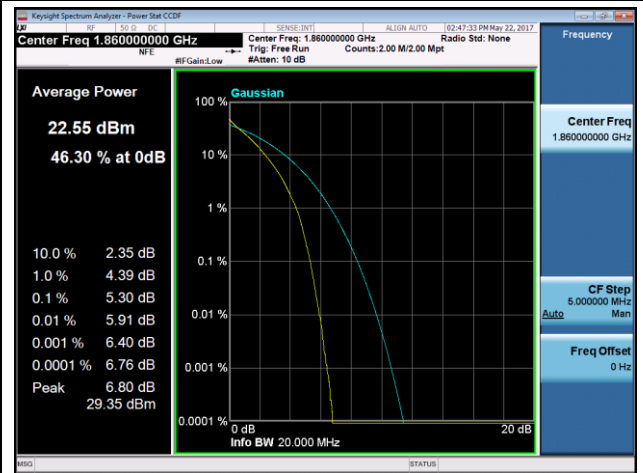
LTE Band 7 / 20MHz					
Mod.	QPSK		16-QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Low CH	3.44	4.90	4.24	5.88	Pass
Mid. CH	3.78	4.97	4.27	5.68	Pass
High CH	3.96	4.90	4.45	5.74	Pass

LTE Band 2 / 20MHz / QPSK

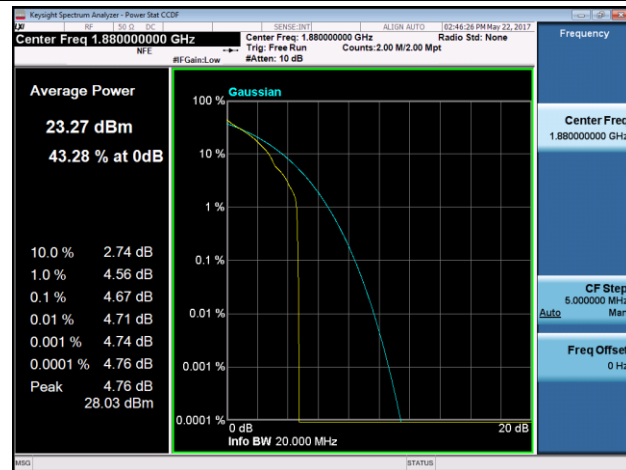
Low CH / 1RB



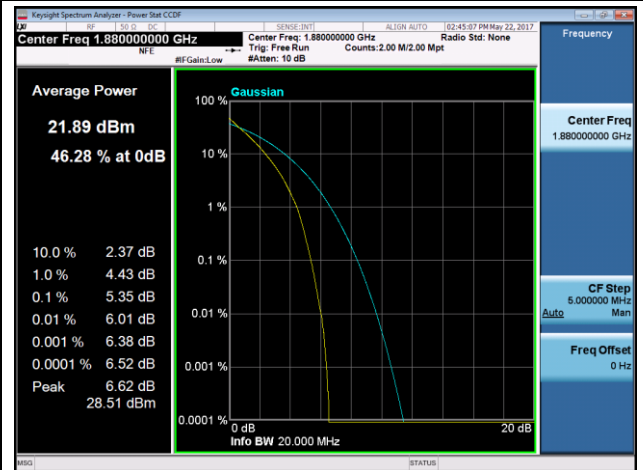
Low CH Full RB



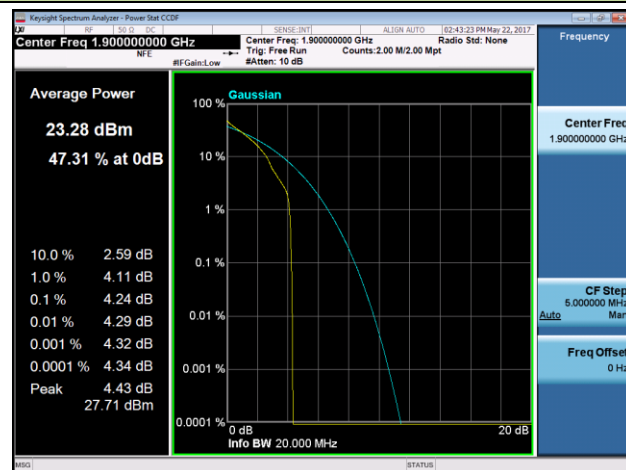
Mid CH / 1RB



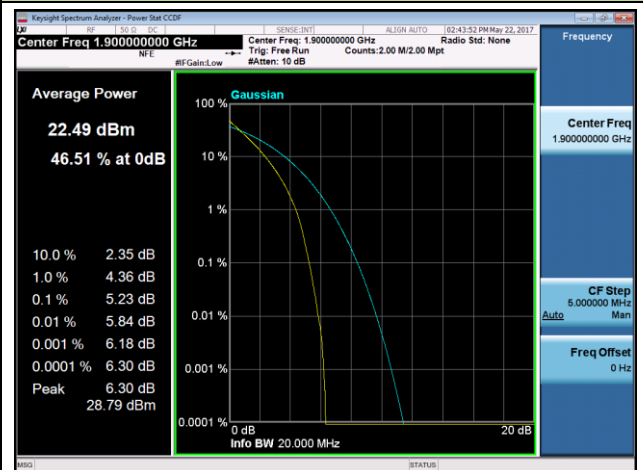
Mid CH Full RB



High CH / 1RB

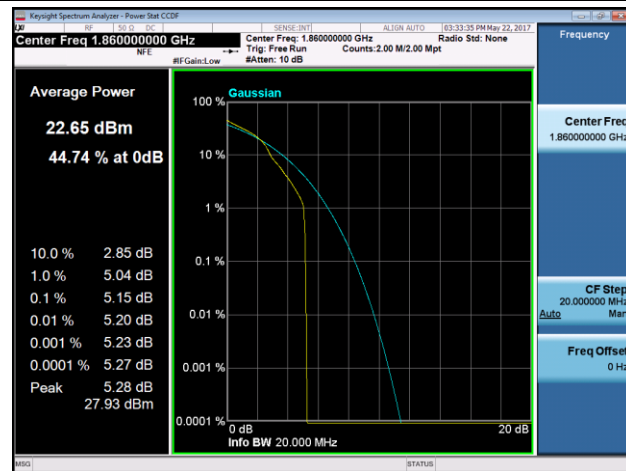


High CH Full RB

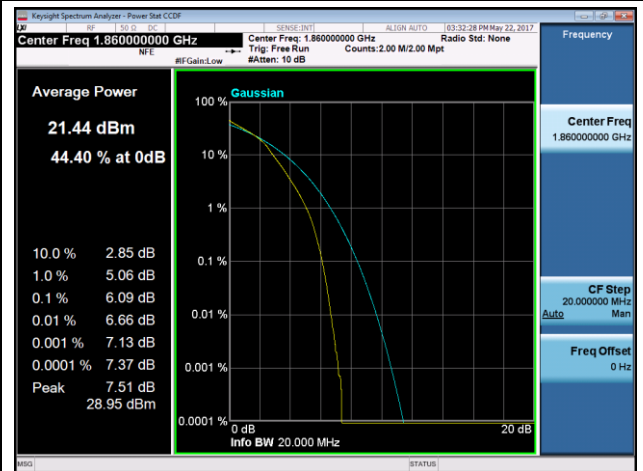


LTE Band 2 / 20MHz / 16-QAM

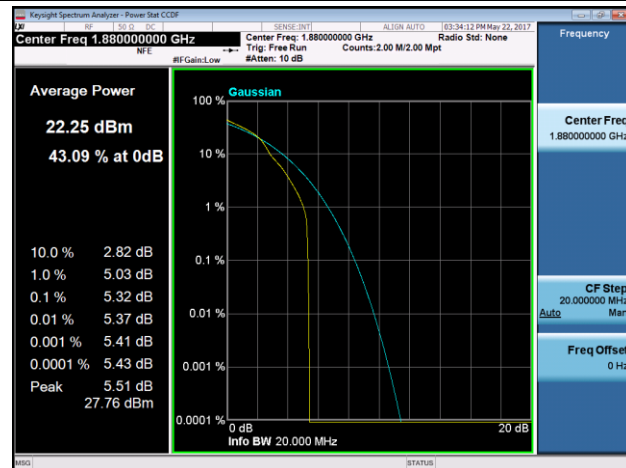
Low CH / 1RB



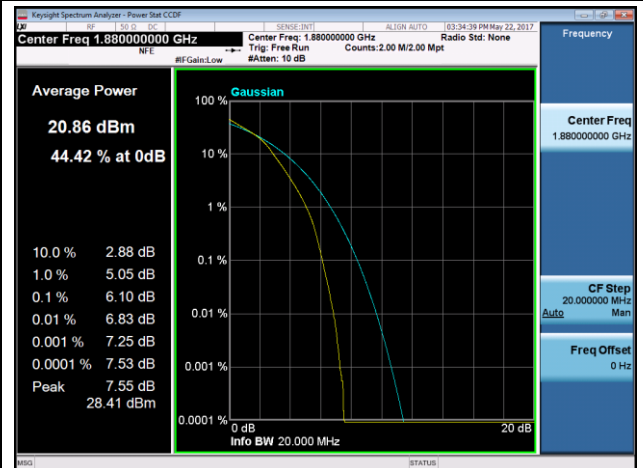
Low CH Full RB



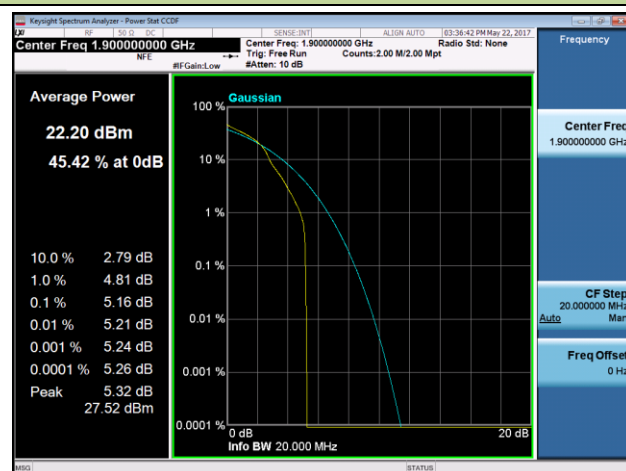
Mid CH / 1RB



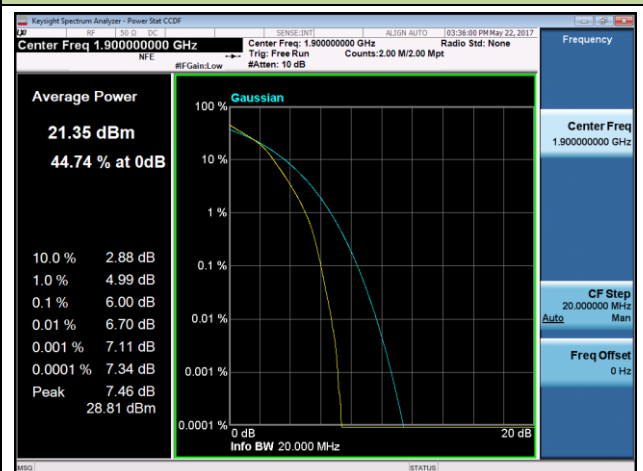
Mid CH Full RB



High CH / 1RB

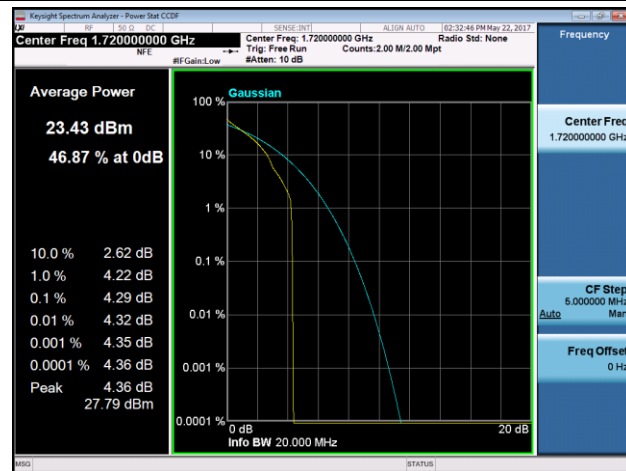


High CH Full RB

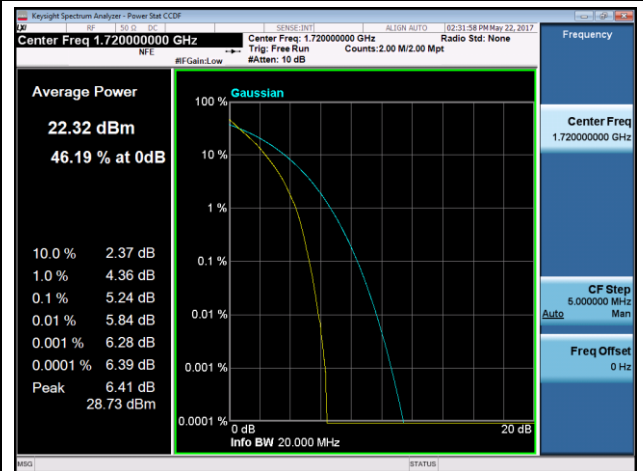


LTE Band 4 / 20MHz / QPSK

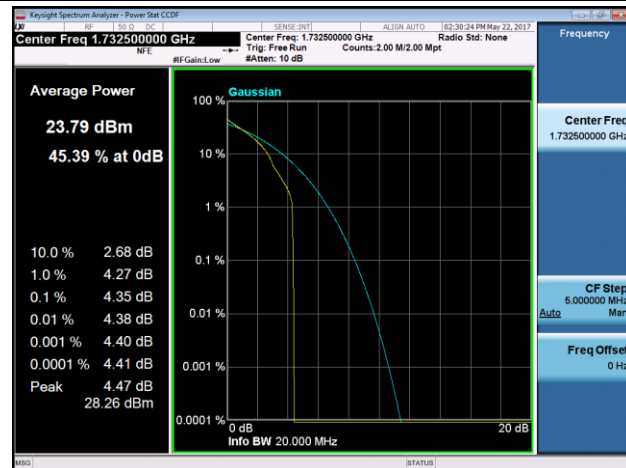
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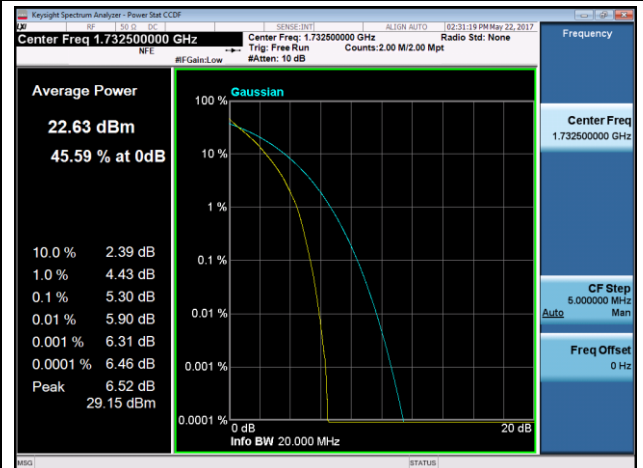
Low CH Full RB



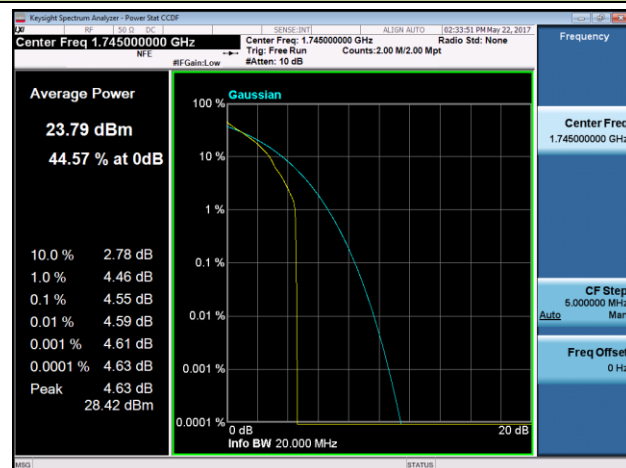
Mid CH / 1RB



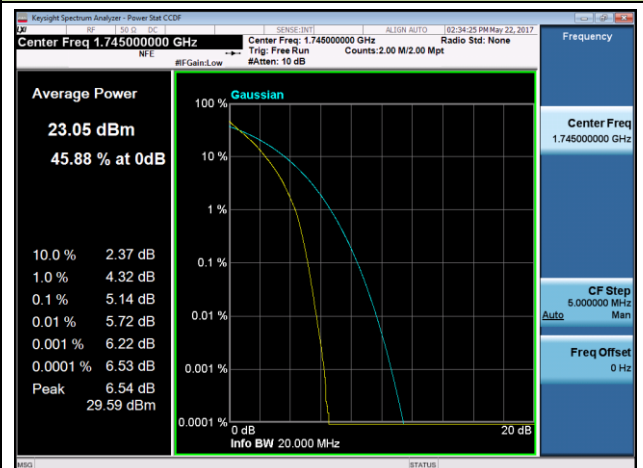
Mid CH Full RB



High CH / 1RB

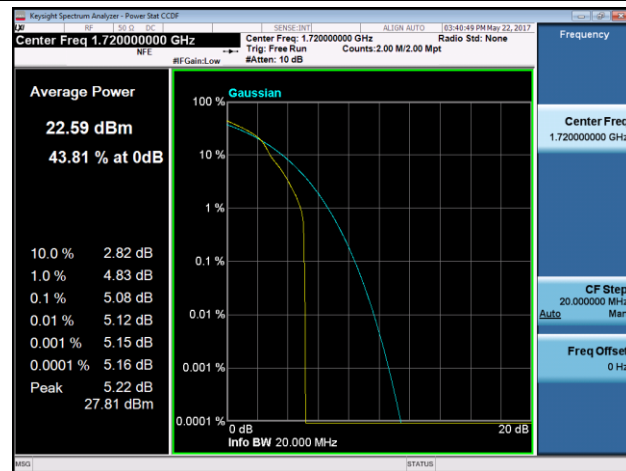


High CH Full RB

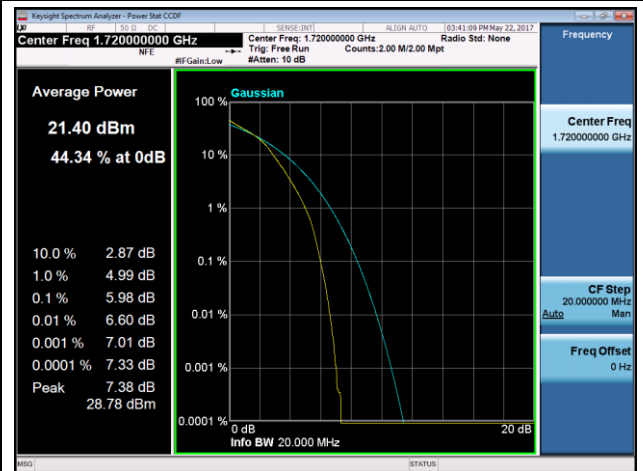


LTE Band 4 / 20MHz / 16-QAM

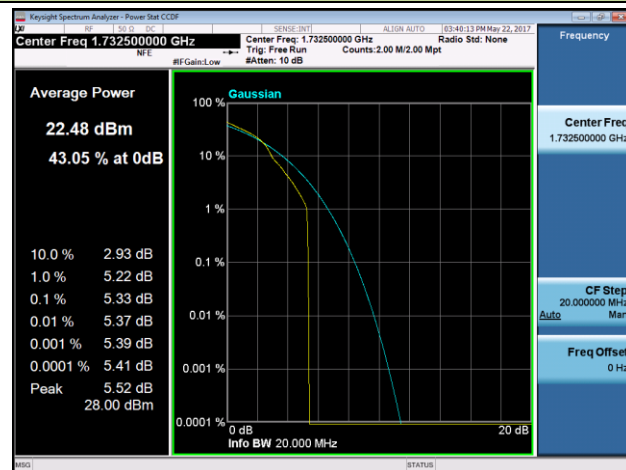
Low CH / 1RB



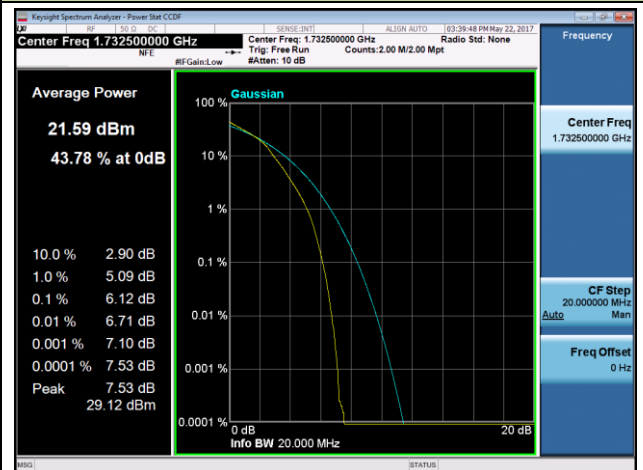
Low CH Full RB



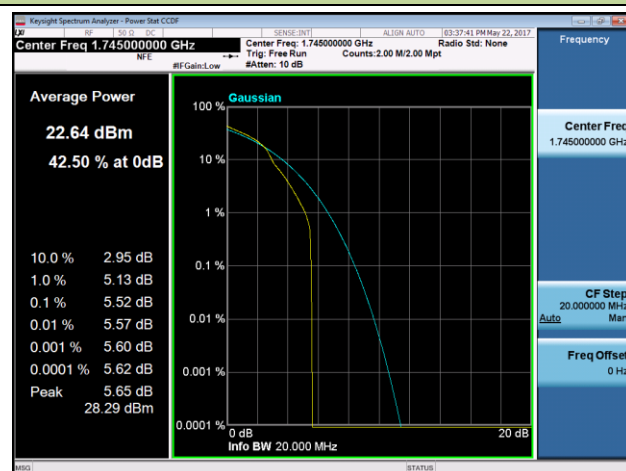
Mid CH / 1RB



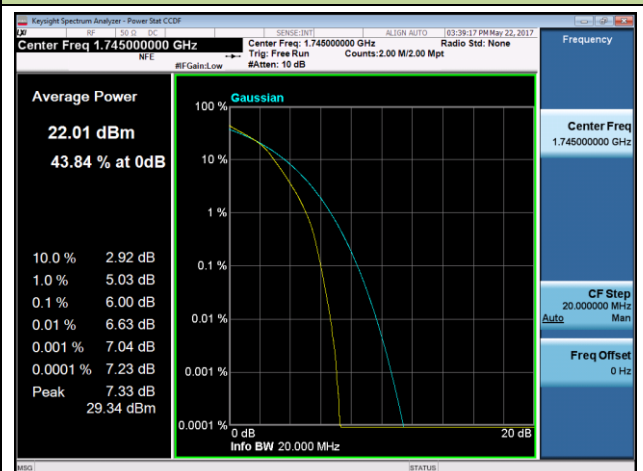
Mid CH Full RB



High CH / 1RB

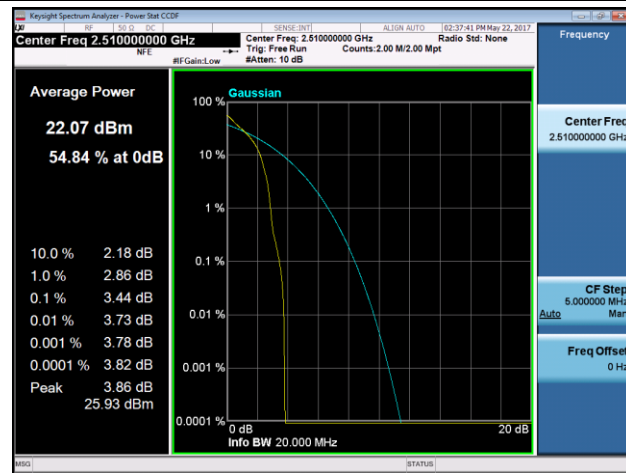


High CH Full RB

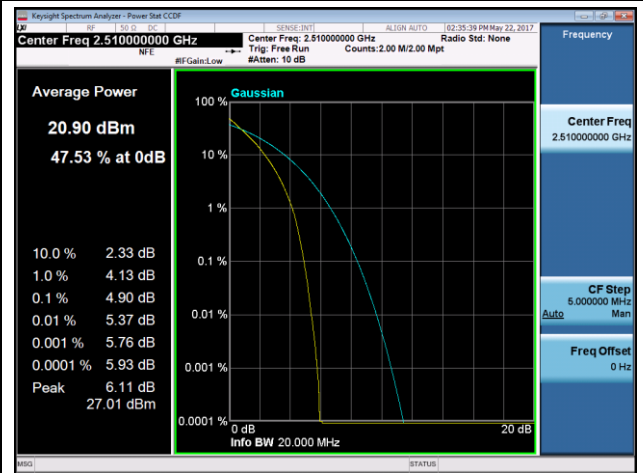


LTE Band 7 / 20MHz / QPSK

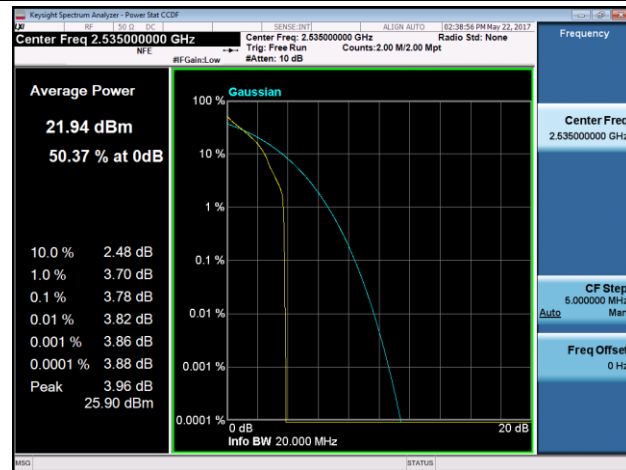
Low CH / 1RB



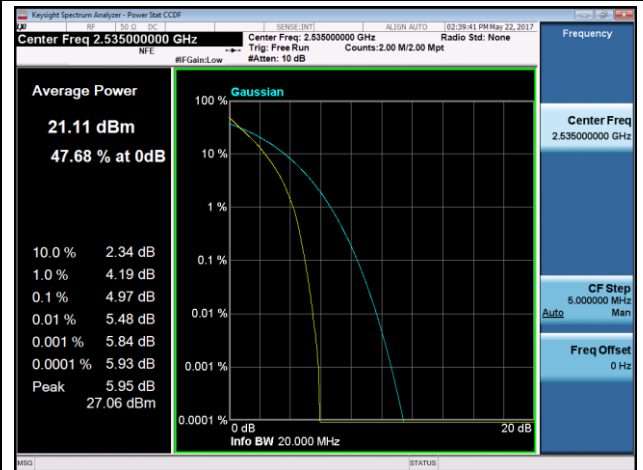
Low CH Full RB



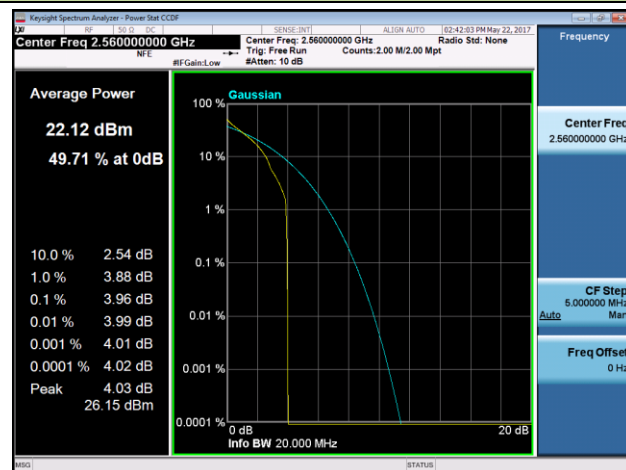
Mid CH / 1RB



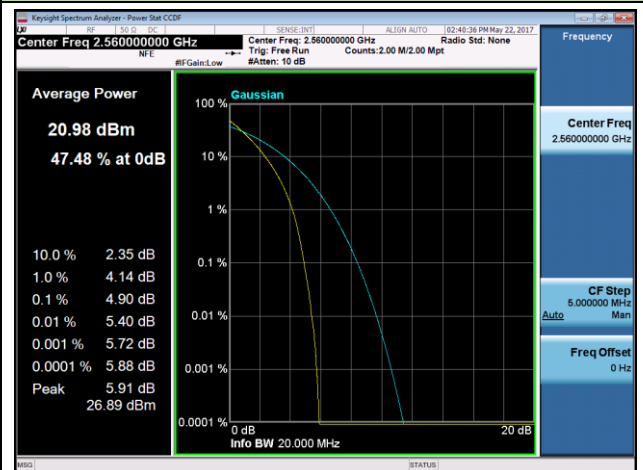
Mid CH Full RB



High CH / 1RB

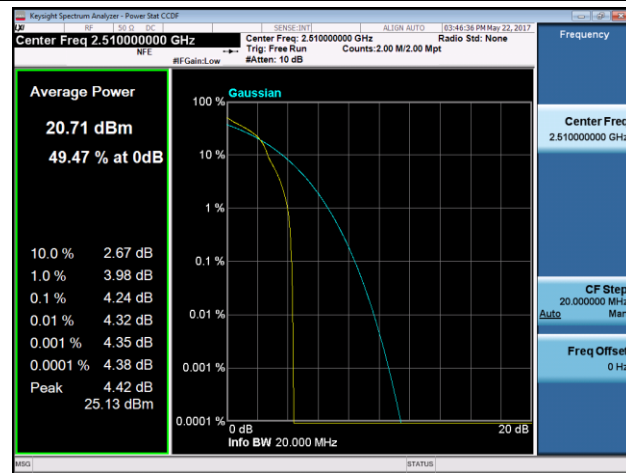


High CH Full RB

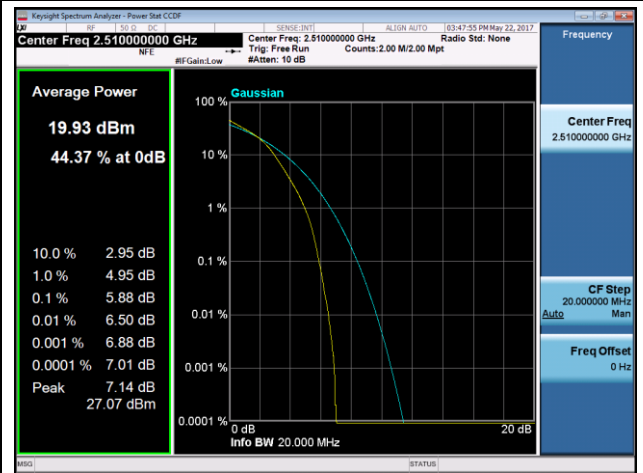


LTE Band 7 / 20MHz / 16-QAM

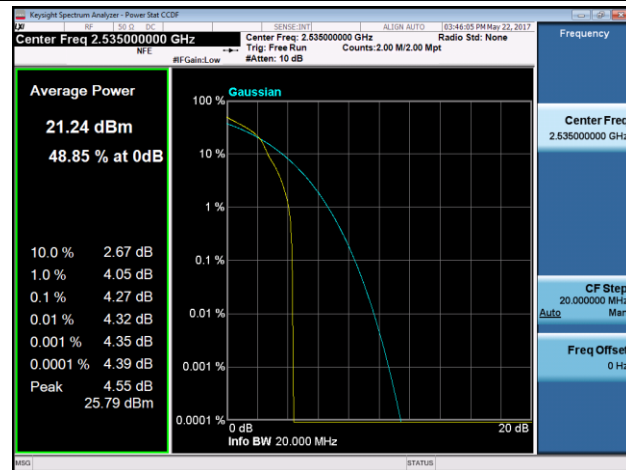
Low CH / 1RB



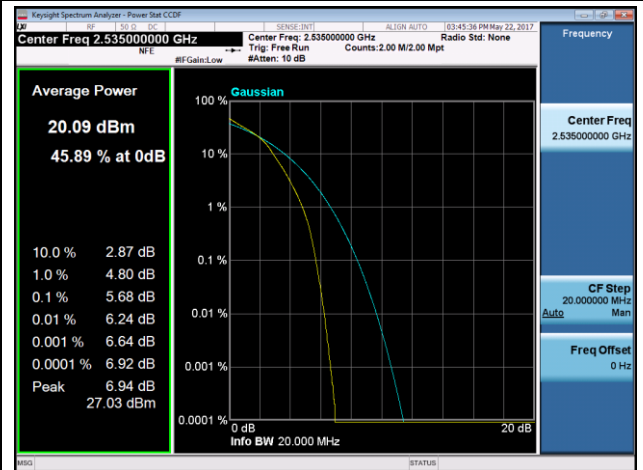
Low CH Full RB



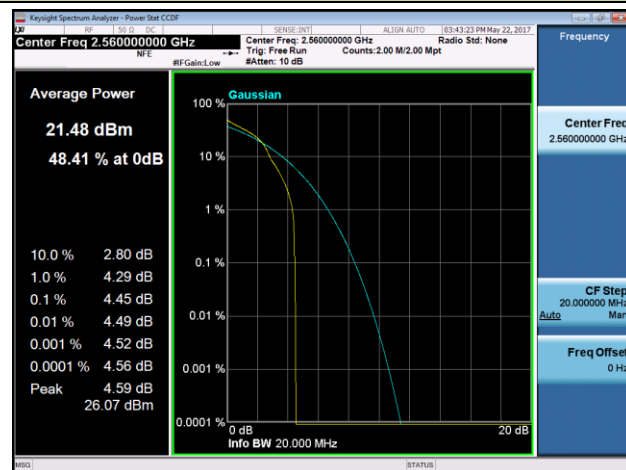
Mid CH / 1RB



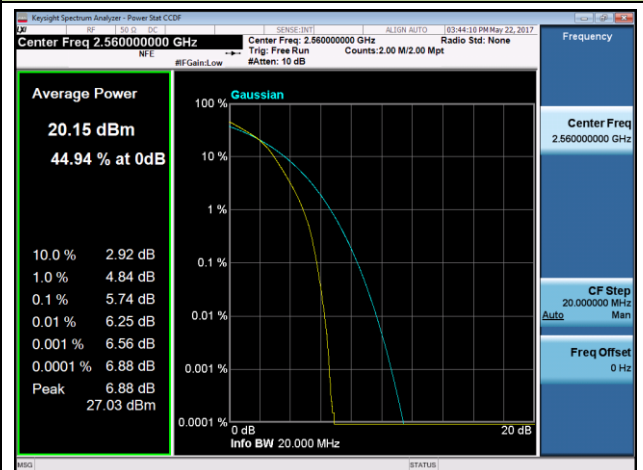
Mid CH Full RB



High CH / 1RB



High CH Full RB



7.6. Radiated Power (ERP/EIRP) and Radiated Spurious Emission

7.6.1. Test Limit

Radiated Power

For FCC Part 22.913(a)(5): GSM850 / WCDMA Band V

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

For FCC Part 24.232(c): PCS1900 / WCDMA Band II / LTE Band 7

The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 2 Watts.

For FCC Part 27.50(h): LTE Band 2

The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 2 Watts.

For FCC Part 27.50(d): LTE Band 4

The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 1 Watts.

Radiated Spurious Emission

Out of band emissions: 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 $43 + 10 \log(P)$ dB.

Additional requirement for LTE Band 7:

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 $55 + 10 \log(P)$ dB.

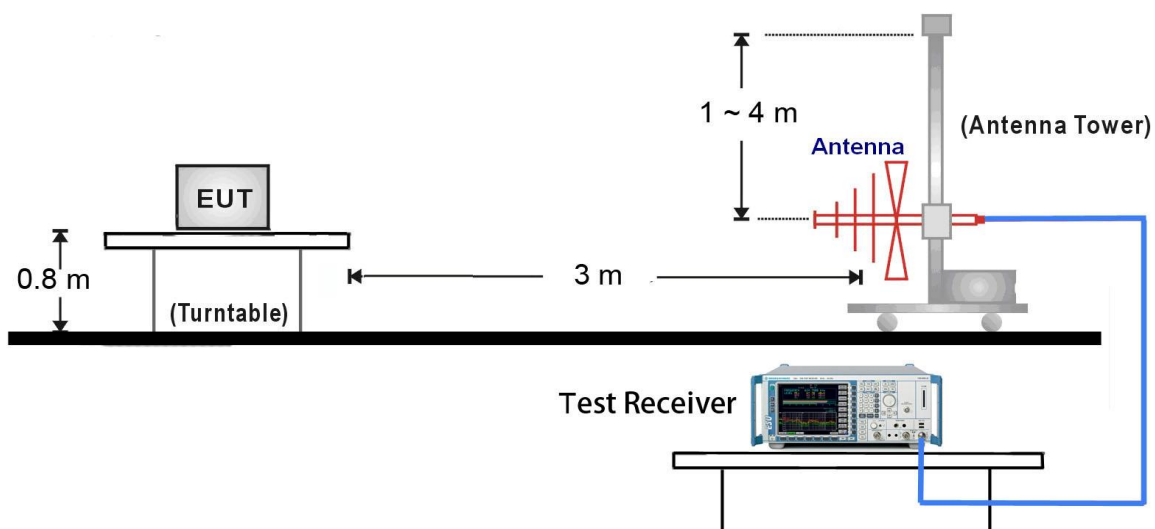
7.6.2. Test Procedure Used

KDB 971168 D01v02r02 - Section 5.2.3 & ANSI/TIA-603-D-2010

KDB 971168 D01 v02r02 - Section 5.8 & ANSI/TIA-603-D-2010 - Section 2.2.12

7.6.3. Test Setup

30MHz ~ 1GHz Test Setup:



1GHz ~ 25GHz Test Setup:

