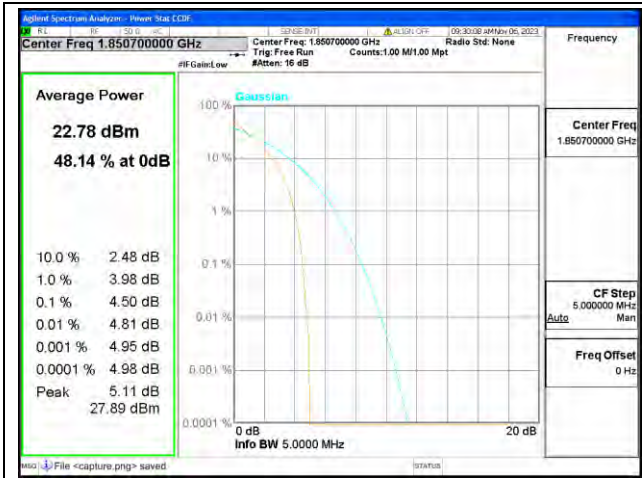




LTE Band 66					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
1.4	Low	QPSK	5.72	<=13	PASS
	Low	16QAM	6.65	<=13	PASS
	Mid	QPSK	5.50	<=13	PASS
	Mid	16QAM	6.30	<=13	PASS
	High	QPSK	5.43	<=13	PASS
	High	16QAM	6.38	<=13	PASS
3	Low	QPSK	5.73	<=13	PASS
	Low	16QAM	6.57	<=13	PASS
	Mid	QPSK	5.36	<=13	PASS
	Mid	16QAM	6.13	<=13	PASS
	High	QPSK	5.54	<=13	PASS
	High	16QAM	6.31	<=13	PASS
5	Low	QPSK	6.10	<=13	PASS
	Low	16QAM	6.30	<=13	PASS
	Mid	QPSK	5.60	<=13	PASS
	Mid	16QAM	6.14	<=13	PASS
	High	QPSK	5.51	<=13	PASS
	High	16QAM	6.24	<=13	PASS
10	Low	QPSK	5.82	<=13	PASS
	Low	16QAM	6.39	<=13	PASS
	Mid	QPSK	5.65	<=13	PASS
	Mid	16QAM	6.25	<=13	PASS
	High	QPSK	5.59	<=13	PASS
	High	16QAM	6.28	<=13	PASS
15	Low	QPSK	5.78	<=13	PASS
	Low	16QAM	6.43	<=13	PASS
	Mid	QPSK	5.61	<=13	PASS
	Mid	16QAM	6.16	<=13	PASS
	High	QPSK	5.03	<=13	PASS
	High	16QAM	6.15	<=13	PASS
20	Low	QPSK	5.78	<=13	PASS
	Low	16QAM	6.48	<=13	PASS
	Mid	QPSK	5.67	<=13	PASS
	Mid	16QAM	6.32	<=13	PASS
	High	QPSK	5.70	<=13	PASS
	High	16QAM	6.39	<=13	PASS



B2 / 1.4MHz / Low CH / QPSK



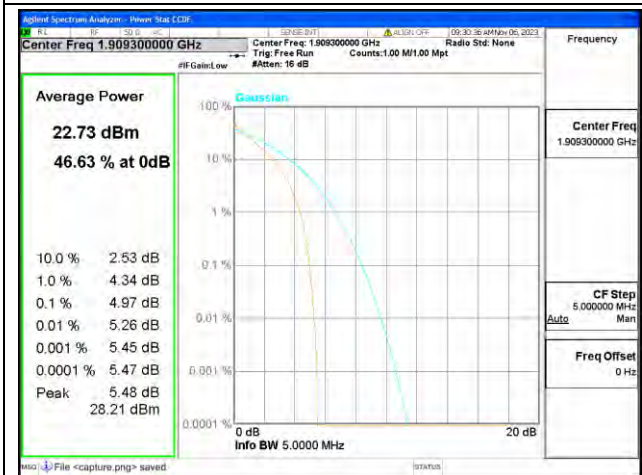
B2 / 1.4MHz / Low CH / 16QAM



B2 / 1.4MHz / Mid CH / QPSK



B2 / 1.4MHz / Mid CH / 16QAM



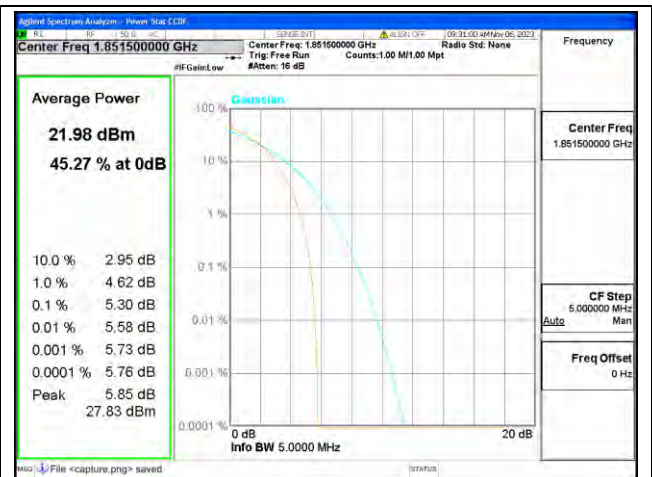
B2 / 1.4MHz / High CH / QPSK



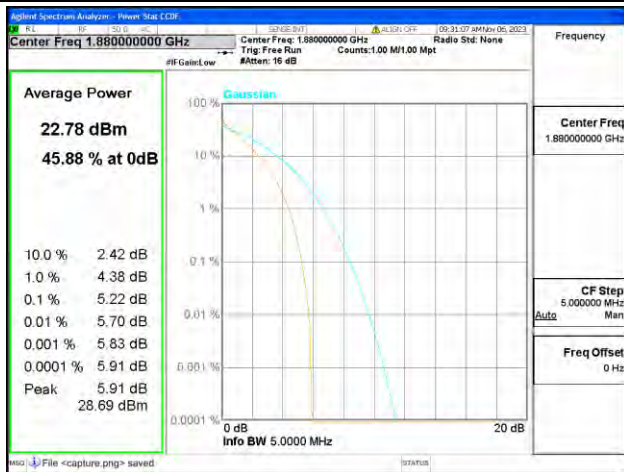
B2 / 1.4MHz / High CH / 16QAM



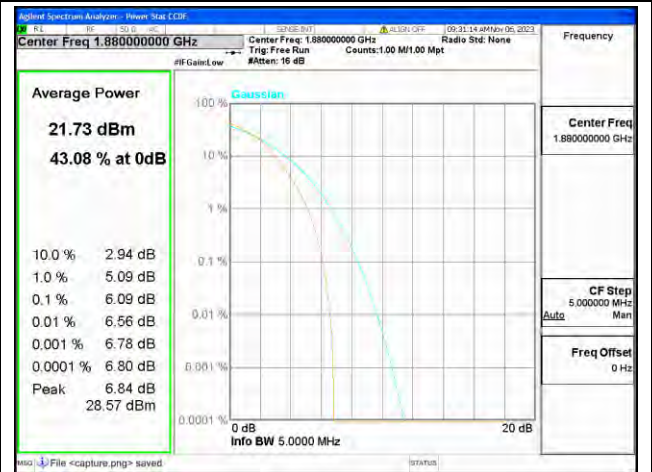
B2 / 3MHz / Low CH / QPSK



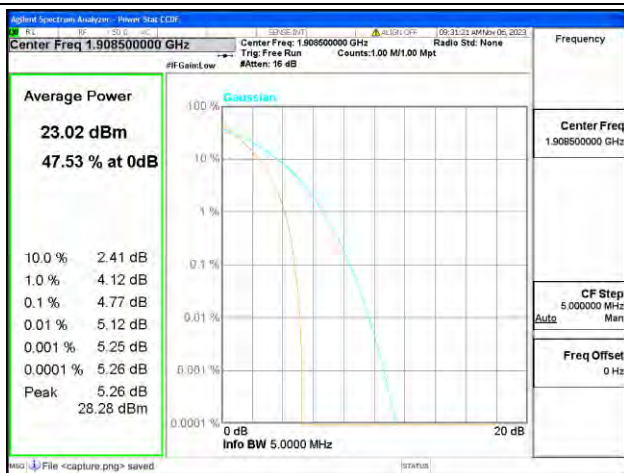
B2 / 3MHz / Low CH / 16QAM



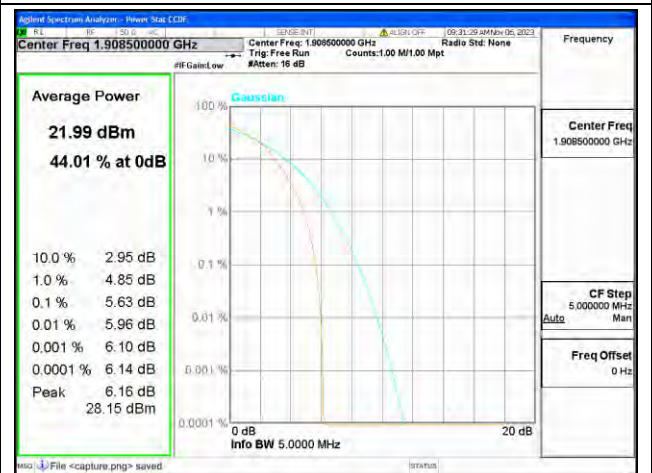
B2 / 3MHz / Mid CH / QPSK



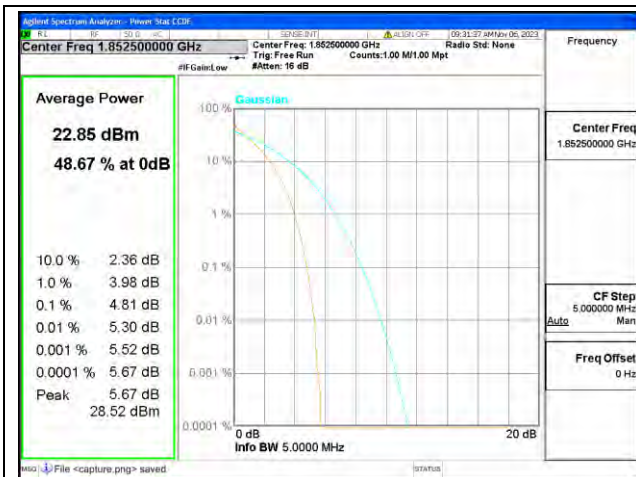
B2 / 3MHz / Mid CH / 16QAM



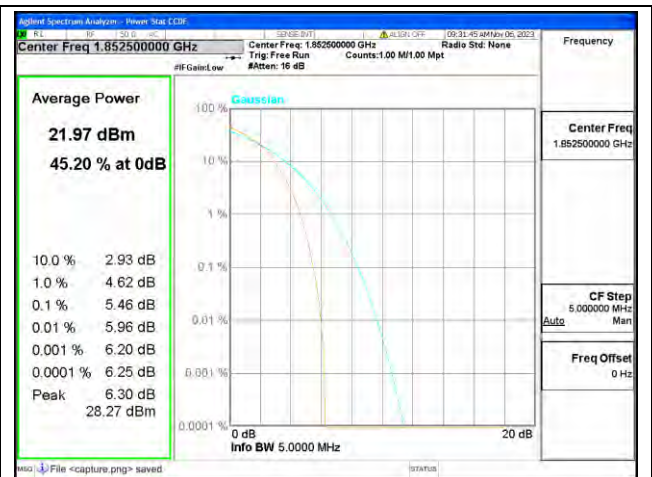
B2 / 3MHz / High CH / QPSK



B2 / 3MHz / High CH / 16QAM



B2 / 5MHz / Low CH / QPSK



B2 / 5MHz / Low CH / 16QAM



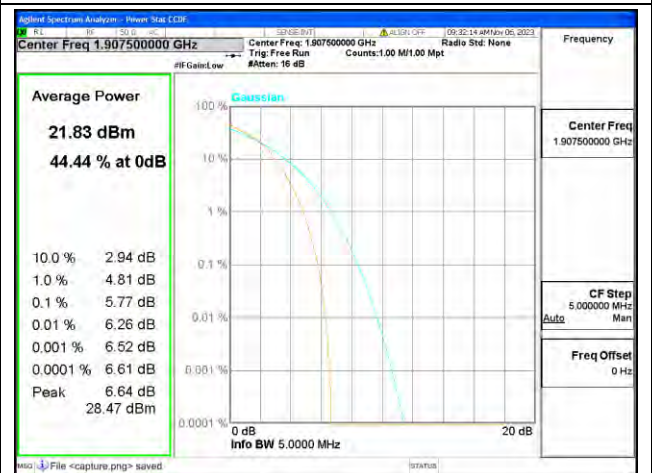
B2 / 5MHz / Mid CH / QPSK



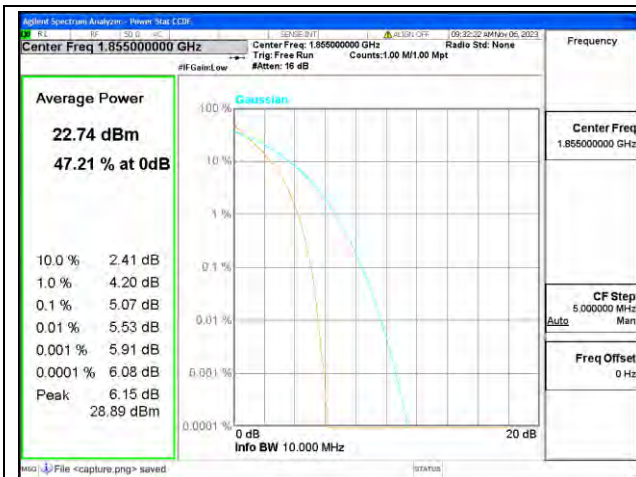
B2 / 5MHz / Mid CH / 16QAM



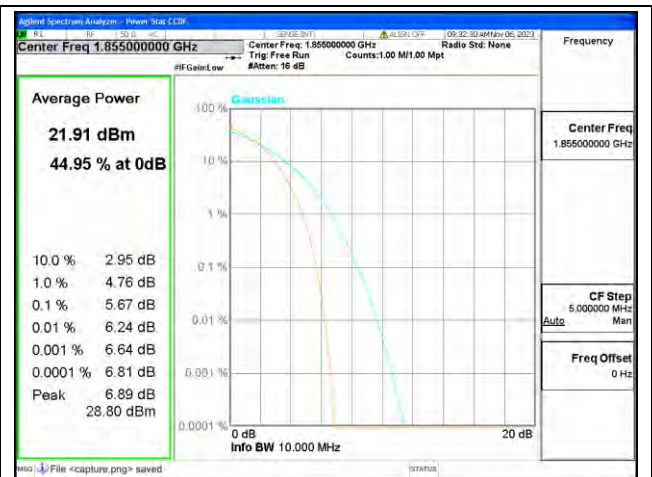
B2 / 5MHz / High CH / QPSK



B2 / 5MHz / High CH / 16QAM



B2 / 10MHz / Low CH / QPSK



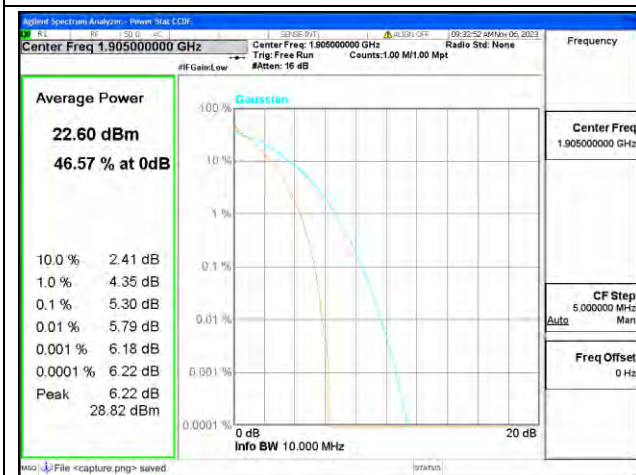
B2 / 10MHz / Low CH / 16QAM



B2 / 10MHz / Mid CH / QPSK



B2 / 10MHz / Mid CH / 16QAM



B2 / 10MHz / High CH / QPSK



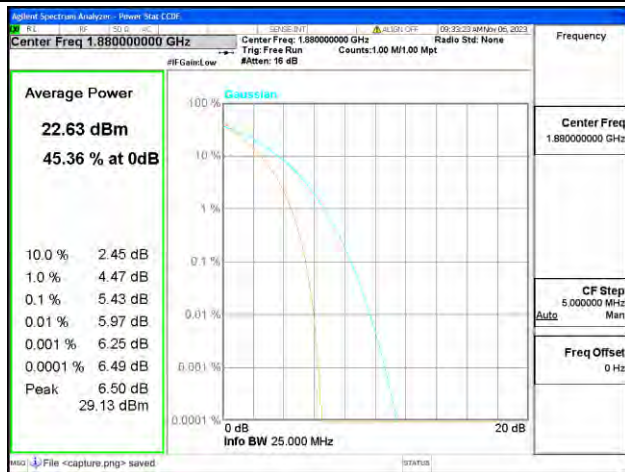
B2 / 10MHz / High CH / 16QAM



B2 / 15MHz / Low CH / QPSK



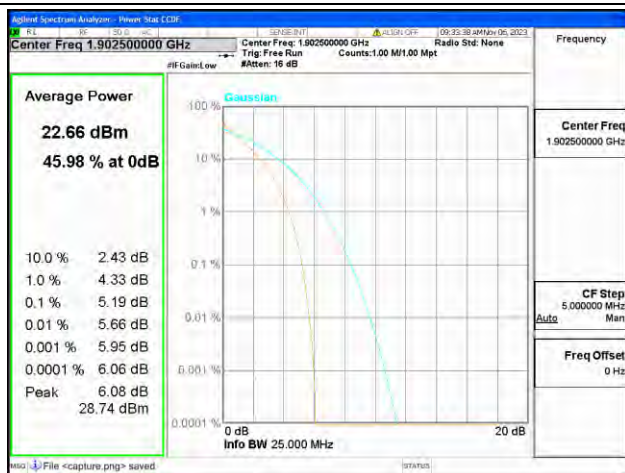
B2 / 15MHz / Low CH / 16QAM



B2 / 15MHz / Mid CH / QPSK



B2 / 15MHz / Mid CH / 16QAM



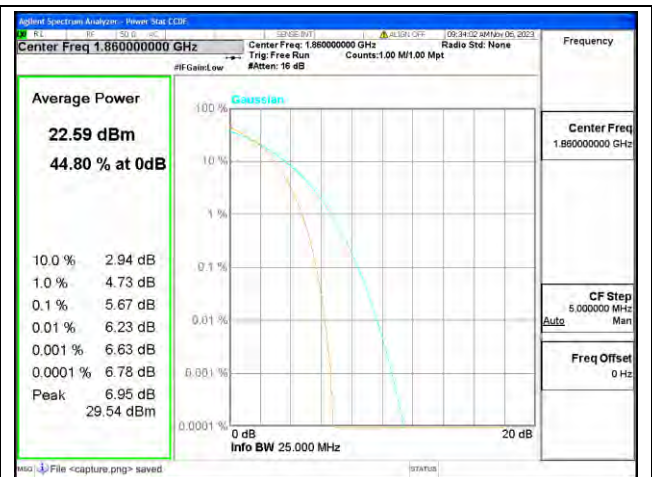
B2 / 15MHz / High CH / QPSK



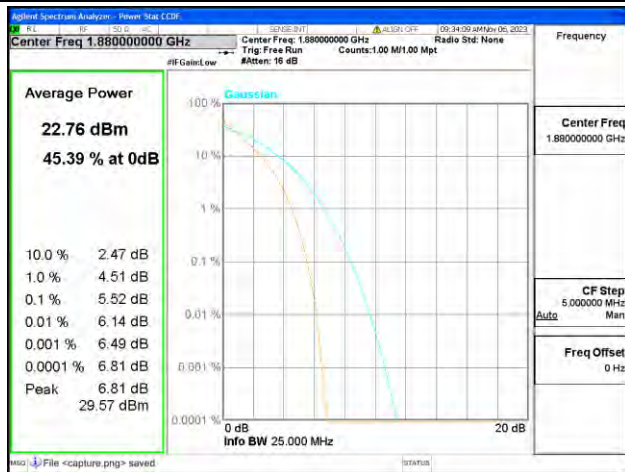
B2 / 15MHz / High CH / 16QAM



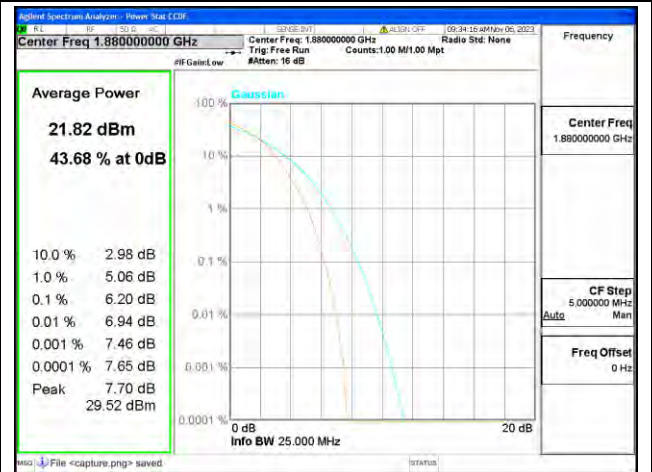
B2 / 20MHz / Low CH / QPSK



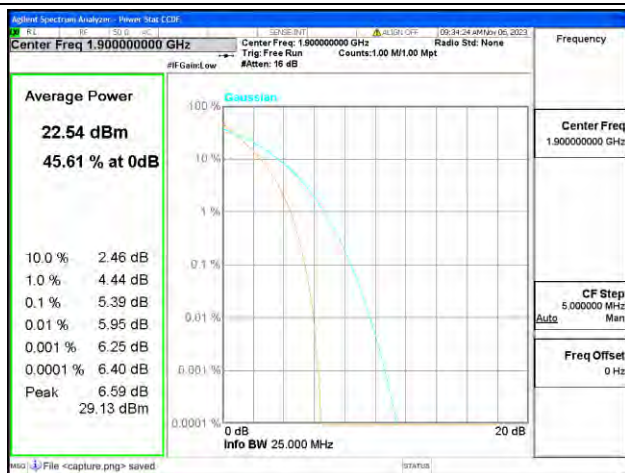
B2 / 20MHz / Low CH / 16QAM



B2 / 20MHz / Mid CH / QPSK



B2 / 20MHz / Mid CH / 16QAM



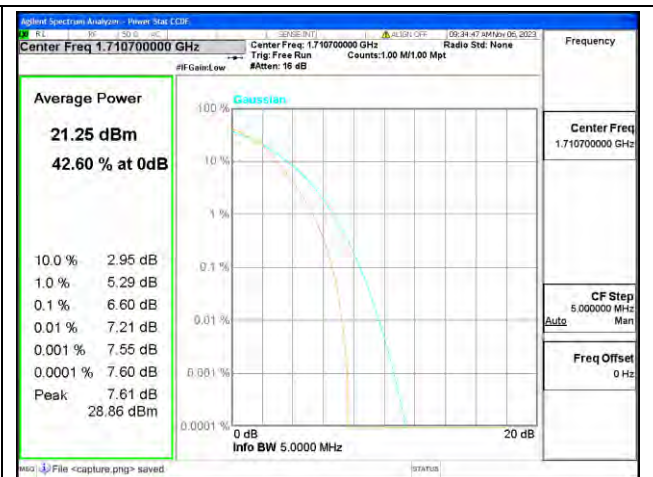
B2 / 20MHz / High CH / QPSK



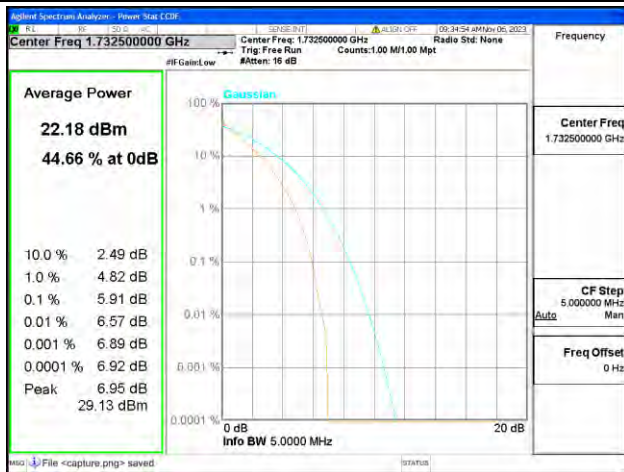
B2 / 20MHz / High CH / 16QAM



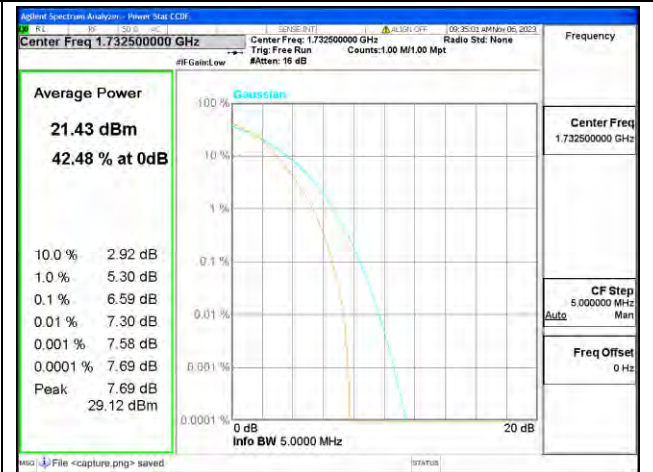
B4 / 1.4MHz / Low CH / QPSK



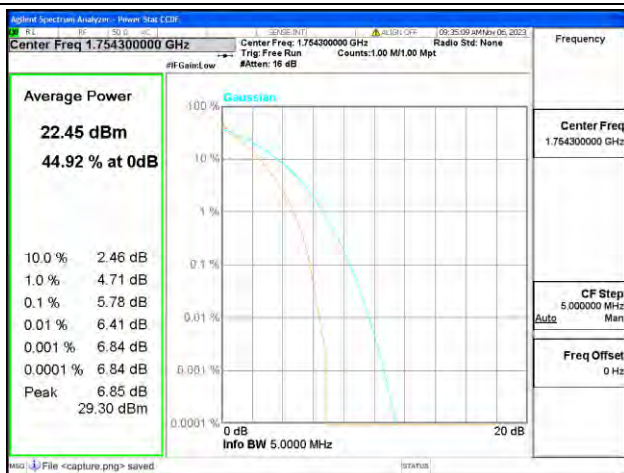
B4 / 1.4MHz / Low CH / 16QAM



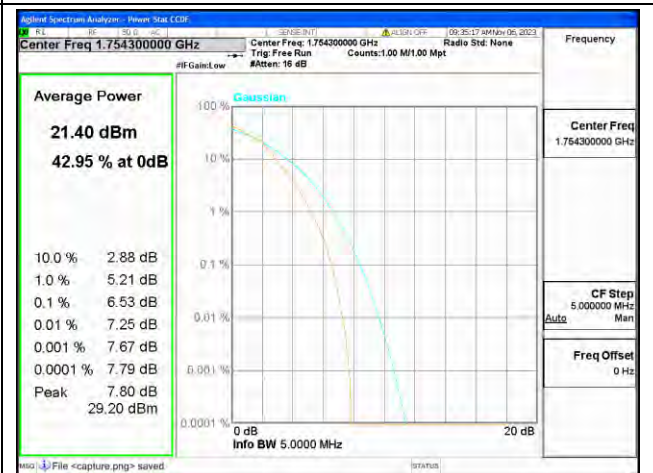
B4 / 1.4MHz / Mid CH / QPSK



B4 / 1.4MHz / Mid CH / 16QAM

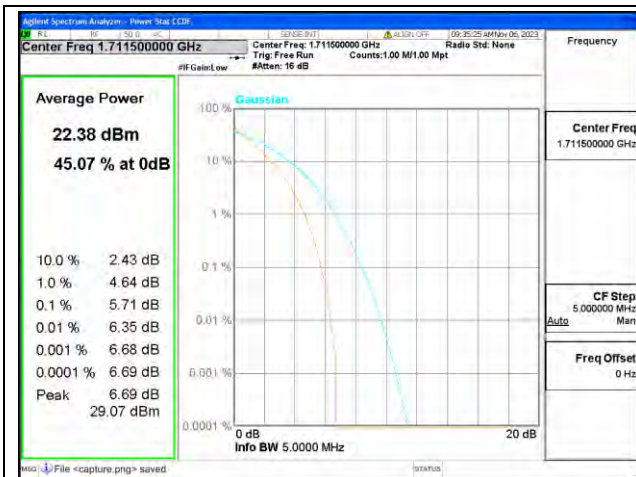


B4 / 1.4MHz / High CH / QPSK



B4 / 1.4MHz / High CH / 16QAM

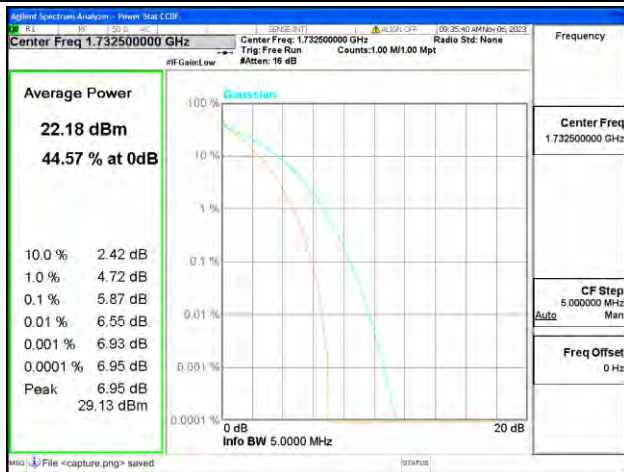




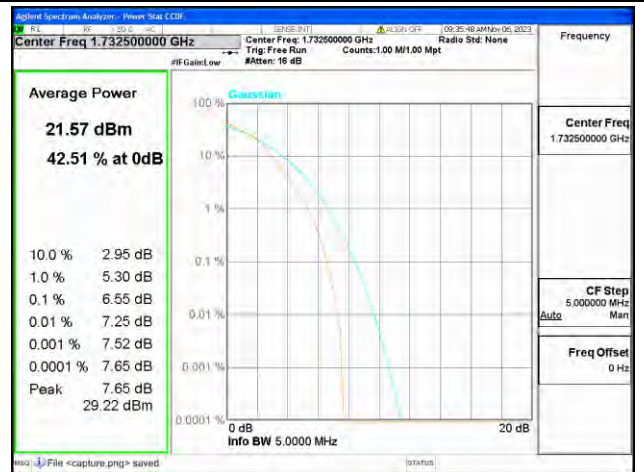
B4 / 3MHz / Low CH / QPSK



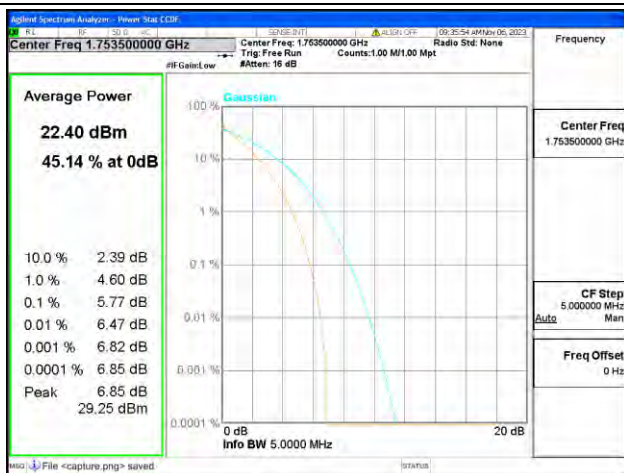
B4 / 3MHz / Low CH / 16QAM



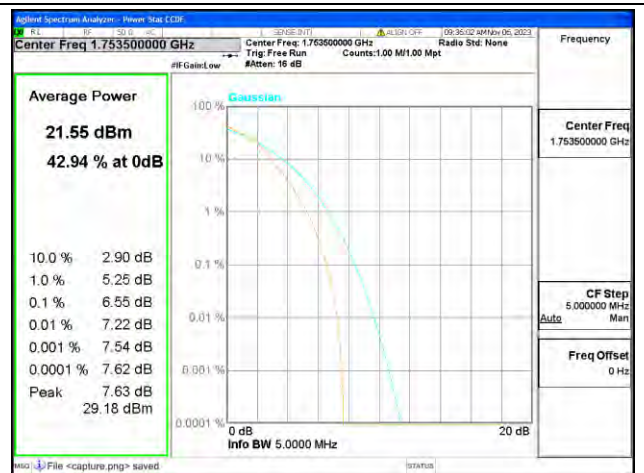
B4 / 3MHz / Mid CH / QPSK



B4 / 3MHz / Mid CH / 16QAM



B4 / 3MHz / High CH / QPSK



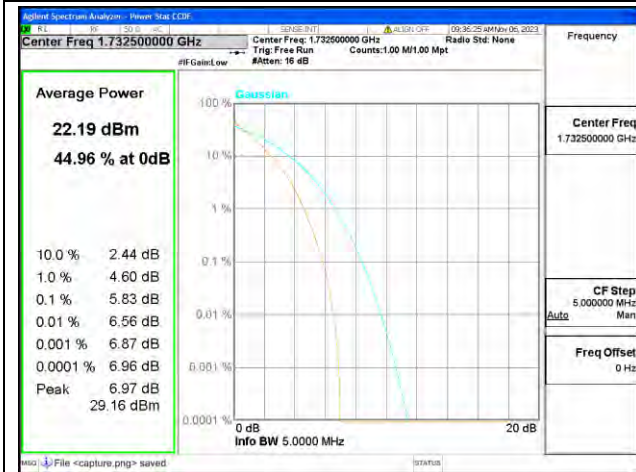
B4 / 3MHz / High CH / 16QAM



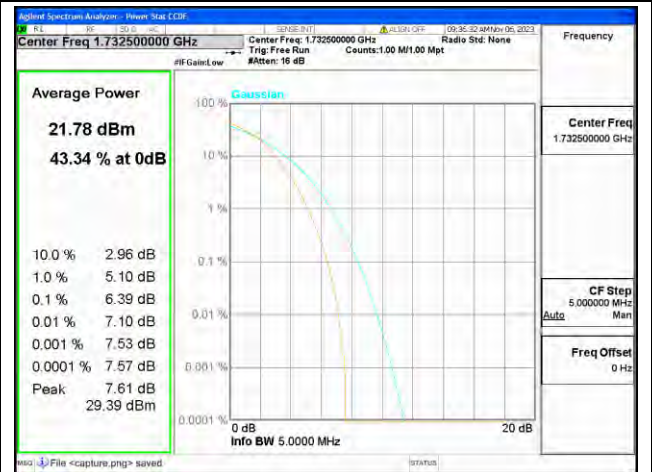
B4 / 5MHz / Low CH / QPSK



B4 / 5MHz / Low CH / 16QAM



B4 / 5MHz / Mid CH / QPSK



B4 / 5MHz / Mid CH / 16QAM



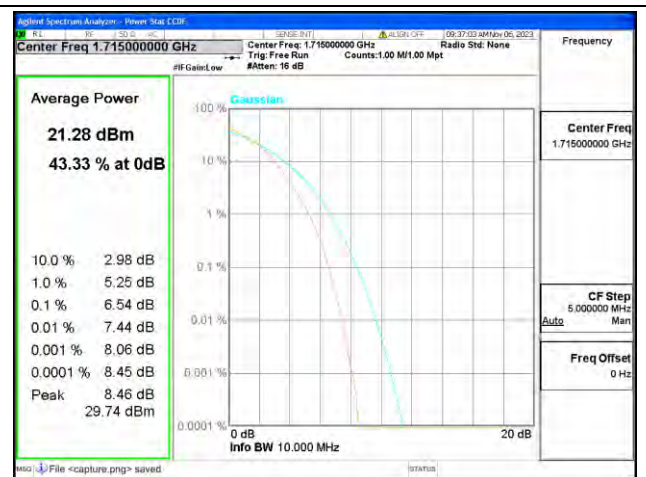
B4 / 5MHz / High CH / QPSK



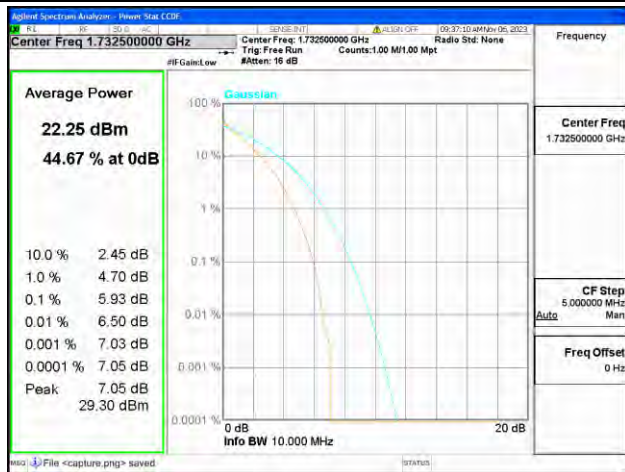
B4 / 5MHz / High CH / 16QAM



B4 / 10MHz / Low CH / QPSK



B4 / 10MHz / Low CH / 16QAM



B4 / 10MHz / Mid CH / QPSK



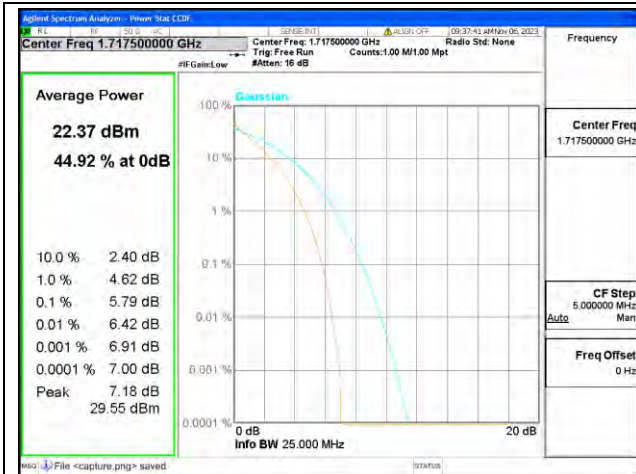
B4 / 10MHz / Mid CH / 16QAM



B4 / 10MHz / High CH / QPSK



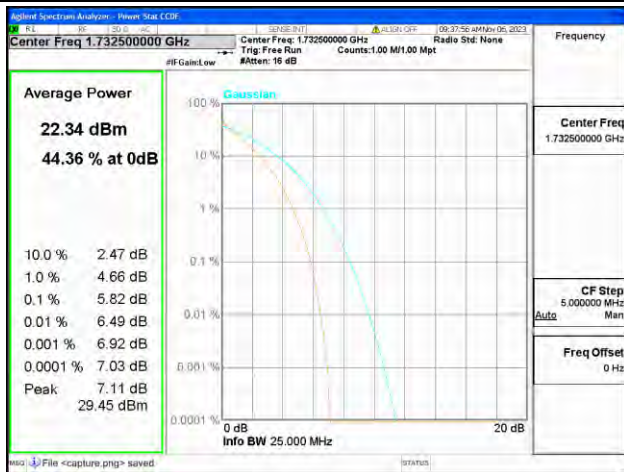
B4 / 10MHz / High CH / 16QAM



B4 / 15MHz / Low CH / QPSK



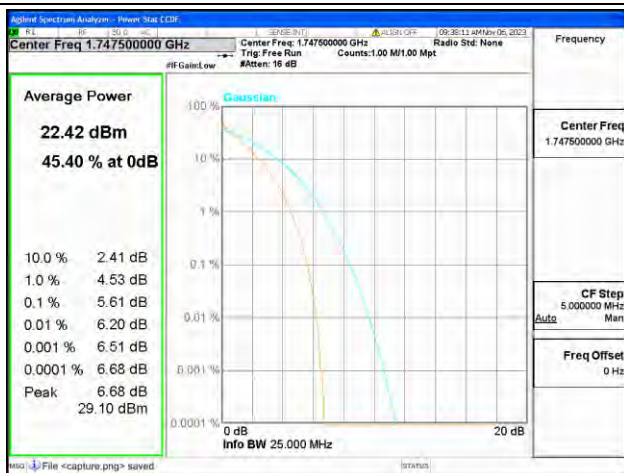
B4 / 15MHz / Low CH / 16QAM



B4 / 15MHz / Mid CH / QPSK



B4 / 15MHz / Mid CH / 16QAM



B4 / 15MHz / High CH / QPSK



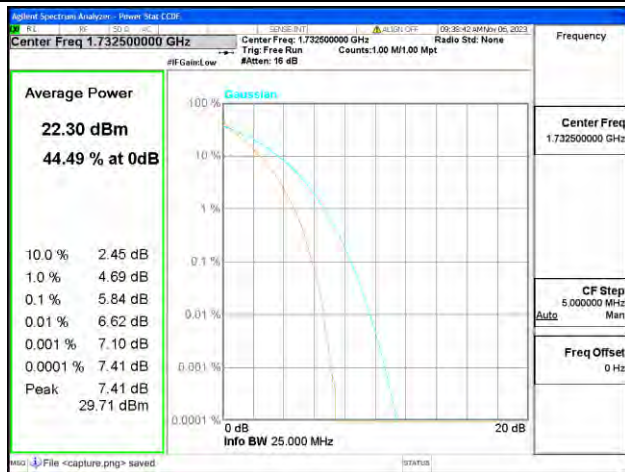
B4 / 15MHz / High CH / 16QAM



B4 / 20MHz / Low CH / QPSK



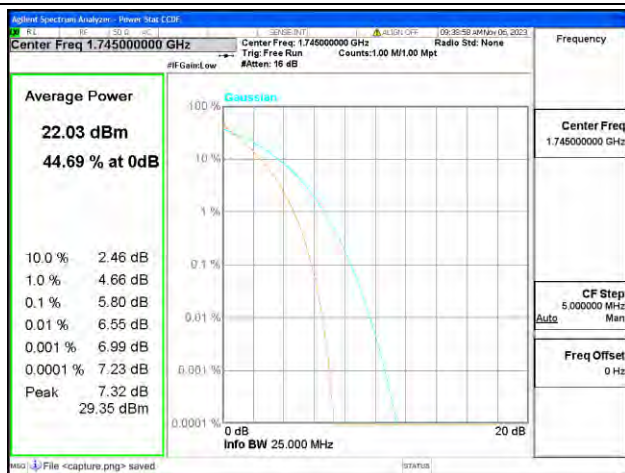
B4 / 20MHz / Low CH / 16QAM



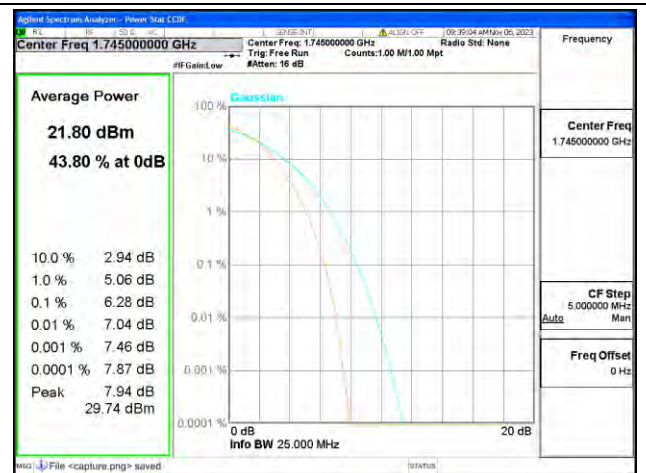
B4 / 20MHz / Mid CH / QPSK



B4 / 20MHz / Mid CH / 16QAM



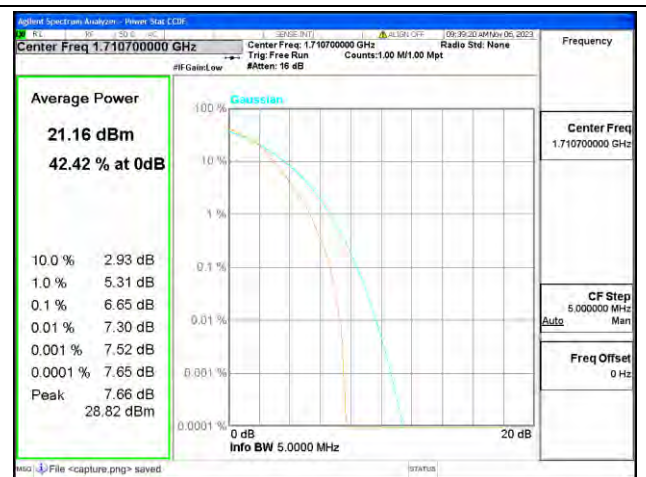
B4 / 20MHz / High CH / QPSK



B4 / 20MHz / High CH / 16QAM



B66 / 1.4MHz / Low CH / QPSK



B66 / 1.4MHz / Low CH / 16QAM



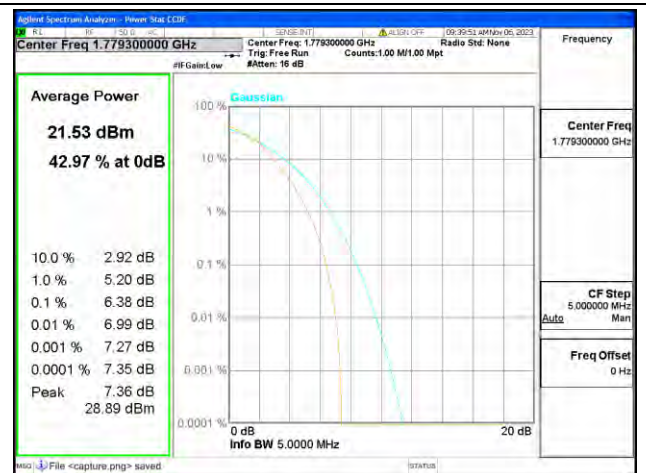
B66 / 1.4MHz / Mid CH / QPSK



B66 / 1.4MHz / Mid CH / 16QAM



B66 / 1.4MHz / High CH / QPSK



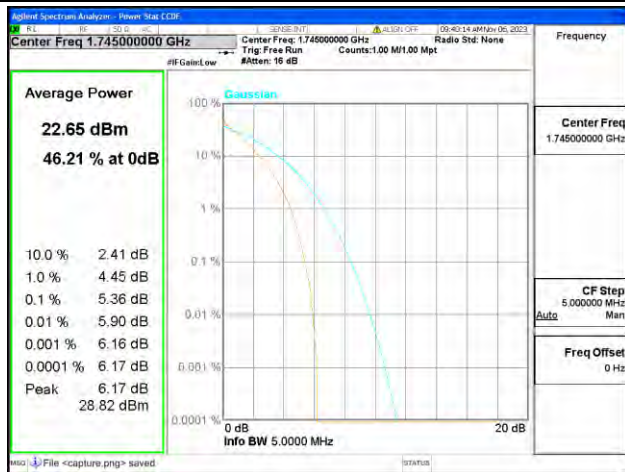
B66 / 1.4MHz / High CH / 16QAM



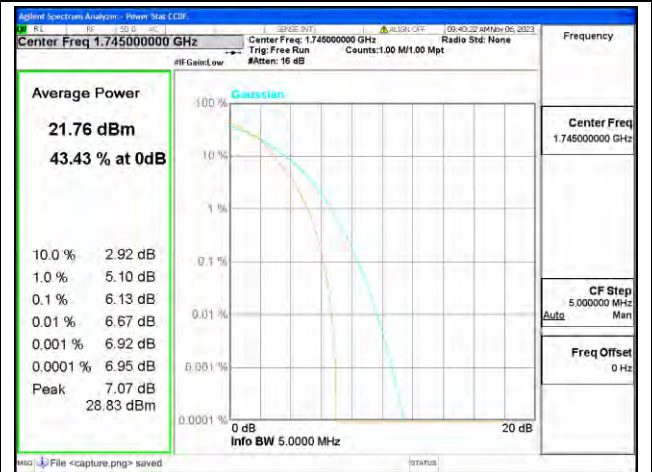
B66 / 3MHz / Low CH / QPSK



B66 / 3MHz / Low CH / 16QAM



B66 / 3MHz / Mid CH / QPSK



B66 / 3MHz / Mid CH / 16QAM



B66 / 3MHz / High CH / QPSK



B66 / 3MHz / High CH / 16QAM



B66 / 5MHz / Low CH / QPSK



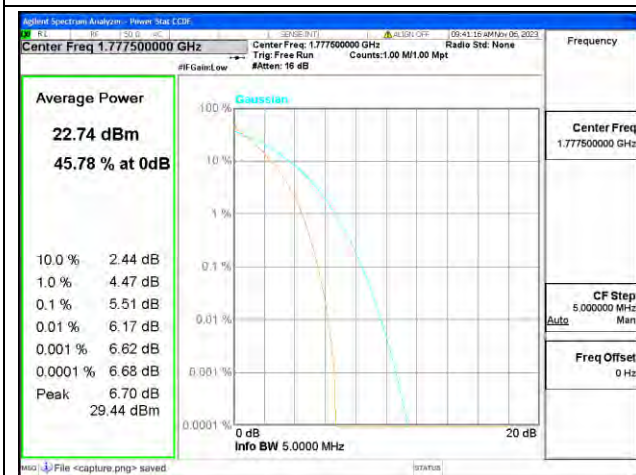
B66 / 5MHz / Low CH / 16QAM



B66 / 5MHz / Mid CH / QPSK



B66 / 5MHz / Mid CH / 16QAM



B66 / 5MHz / High CH / QPSK

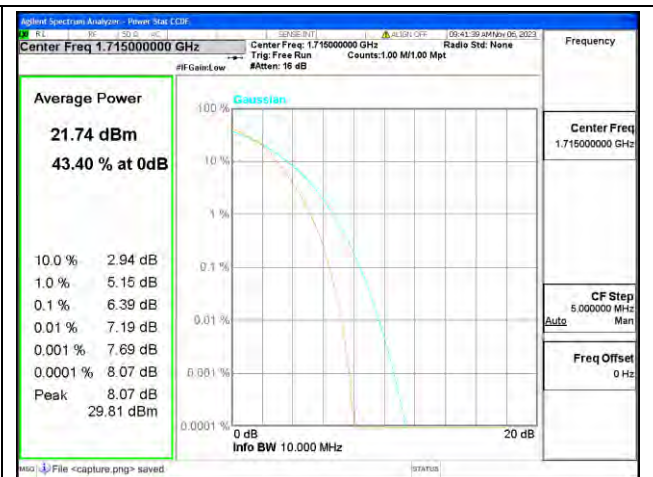


B66 / 5MHz / High CH / 16QAM





B66 / 10MHz / Low CH / QPSK



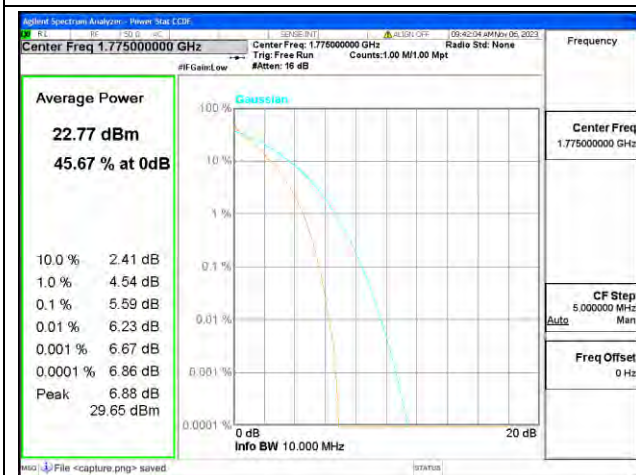
B66 / 10MHz / Low CH / 16QAM



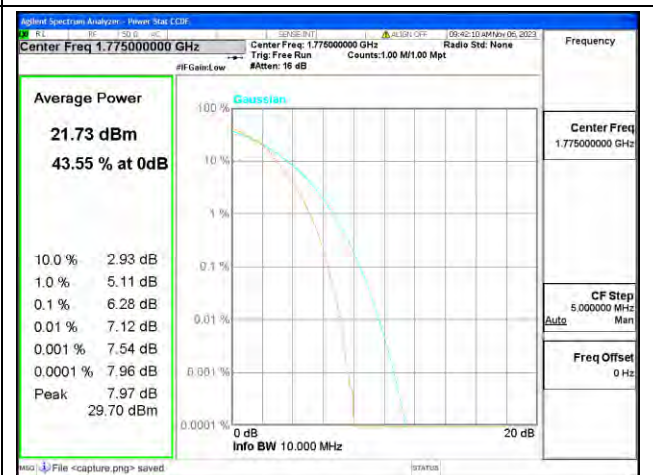
B66 / 10MHz / Mid CH / QPSK



B66 / 10MHz / Mid CH / 16QAM



B66 / 10MHz / High CH / QPSK



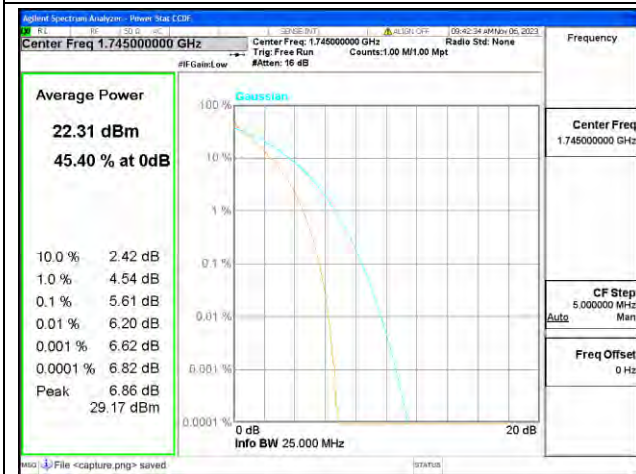
B66 / 10MHz / High CH / 16QAM



B66 / 15MHz / Low CH / QPSK



B66 / 15MHz / Low CH / 16QAM



B66 / 15MHz / Mid CH / QPSK



B66 / 15MHz / Mid CH / 16QAM



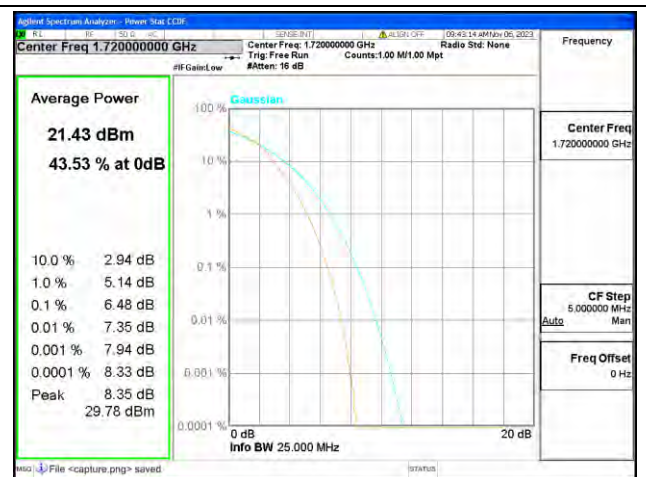
B66 / 15MHz / High CH / QPSK



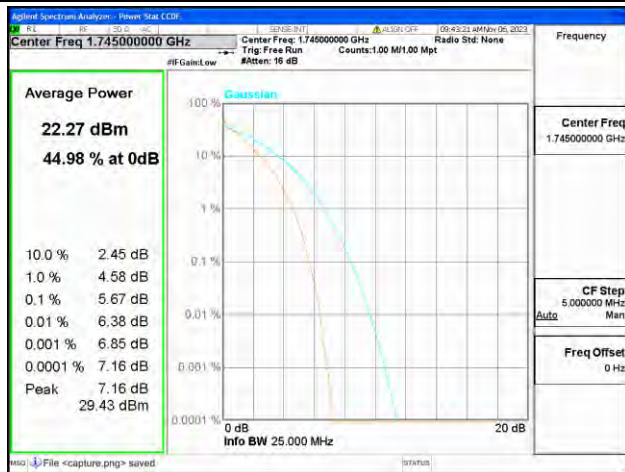
B66 / 15MHz / High CH / 16QAM



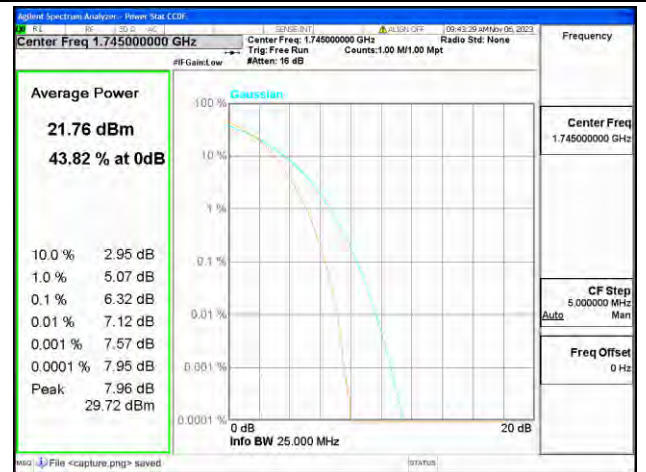
B66 / 20MHz / Low CH / QPSK



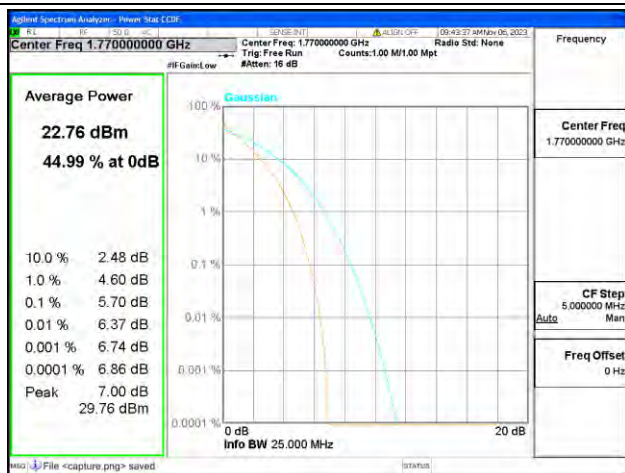
B66 / 20MHz / Low CH / 16QAM



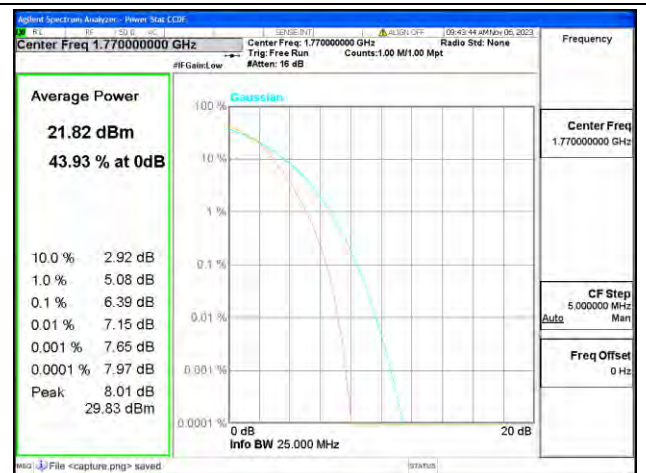
B66 / 20MHz / Mid CH / QPSK



B66 / 20MHz / Mid CH / 16QAM



B66 / 20MHz / High CH / QPSK



B66 / 20MHz / High CH / 16QAM

## 2.5. Conducted Spurious Emissions

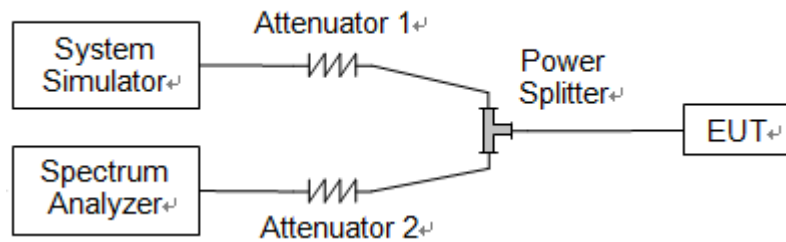
### 2.5.1. Requirement

According to FCC section 2.1051, 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. This calculated to be -13dBm.

Additional requirement for LTE Band 7, 38:

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. This calculated to be -25dBm.

### 2.5.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

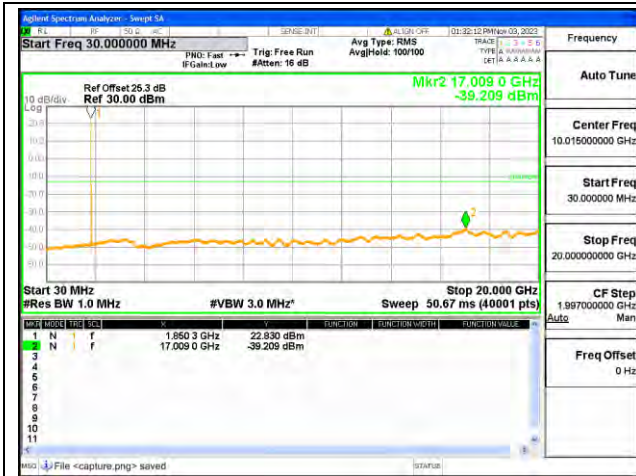
### 2.5.3. Test Procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.



2.5.4. Test Result

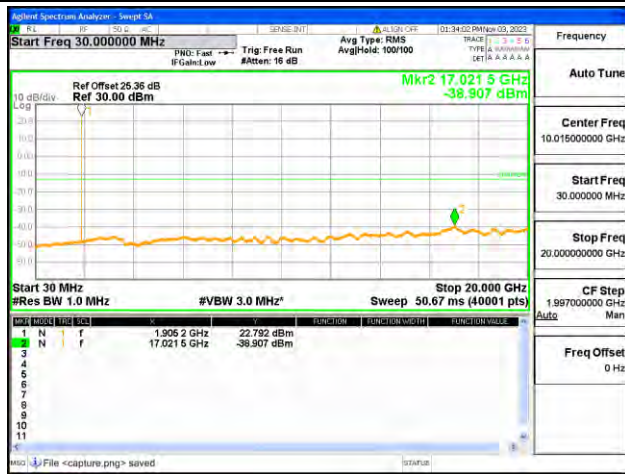




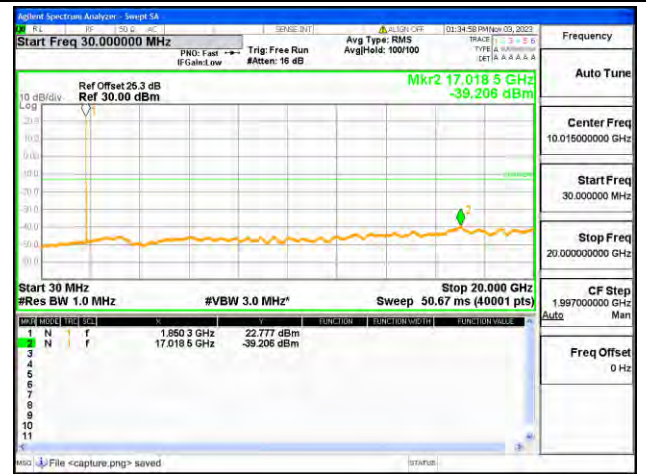
B2 / 5MHz / Low CH / QPSK



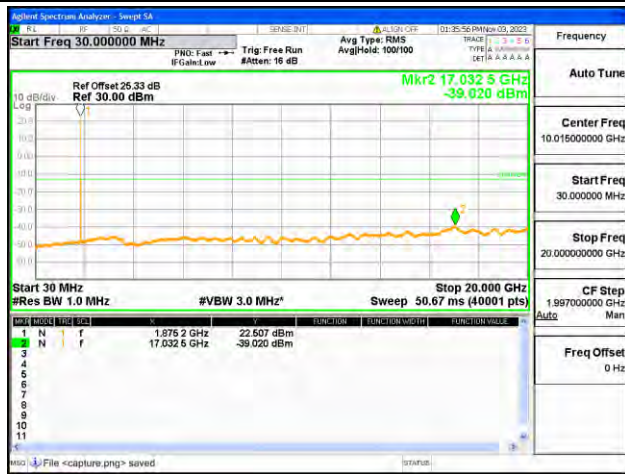
B2 / 5MHz / Mid CH / QPSK



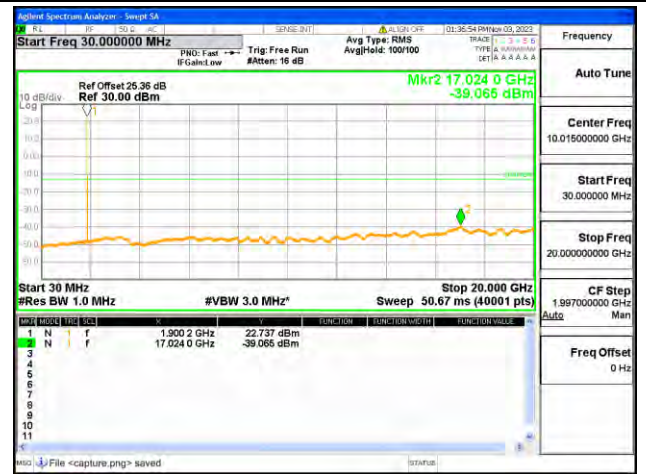
B2 / 5MHz / High CH / QPSK



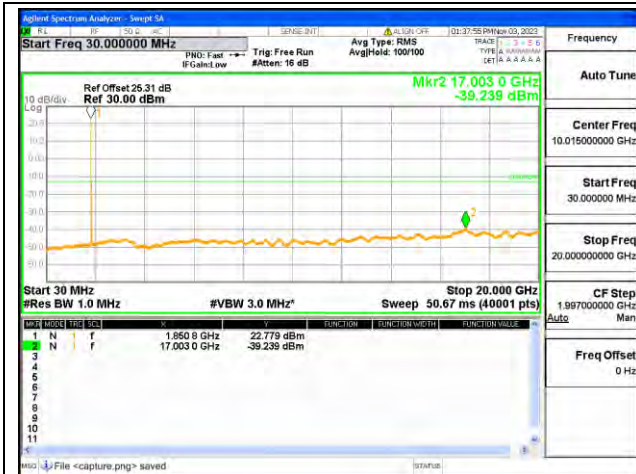
B2 / 10MHz / Low CH / QPSK



B2 / 10MHz / Mid CH / QPSK



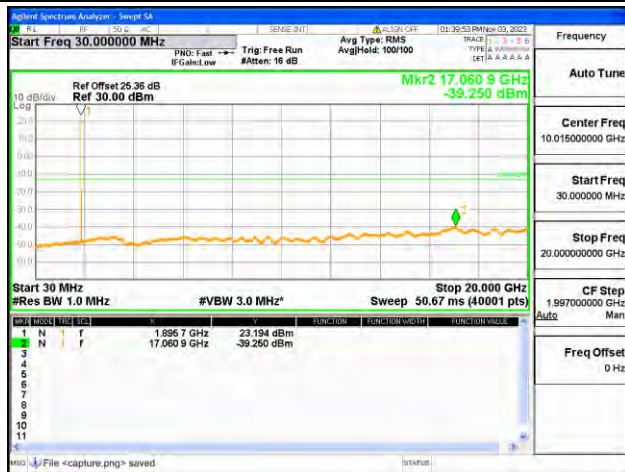
B2 / 10MHz / High CH / QPSK



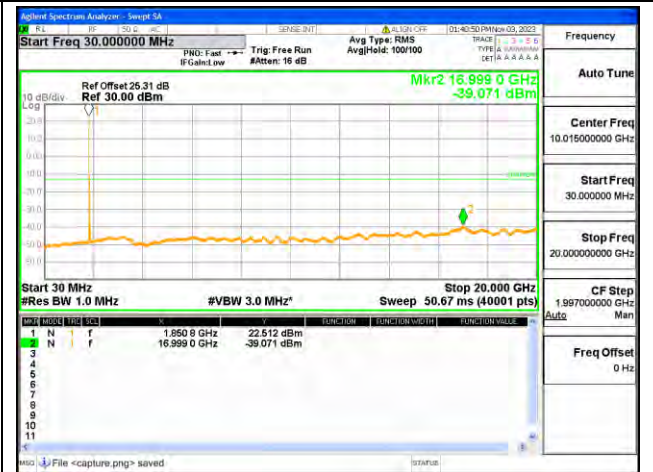
B2 / 15MHz / Low CH / QPSK



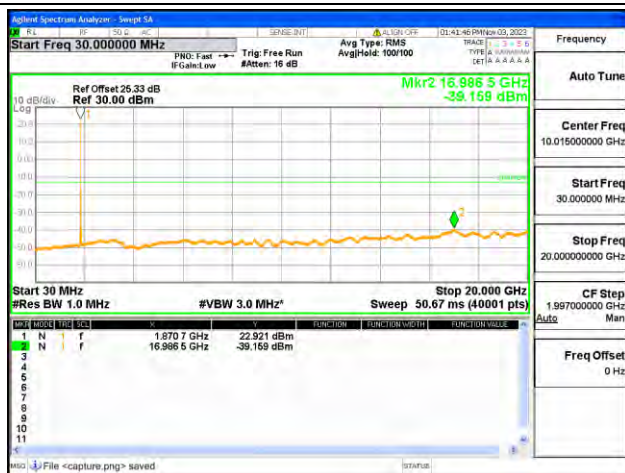
B2 / 15MHz / Mid CH / QPSK



B2 / 15MHz / High CH / QPSK



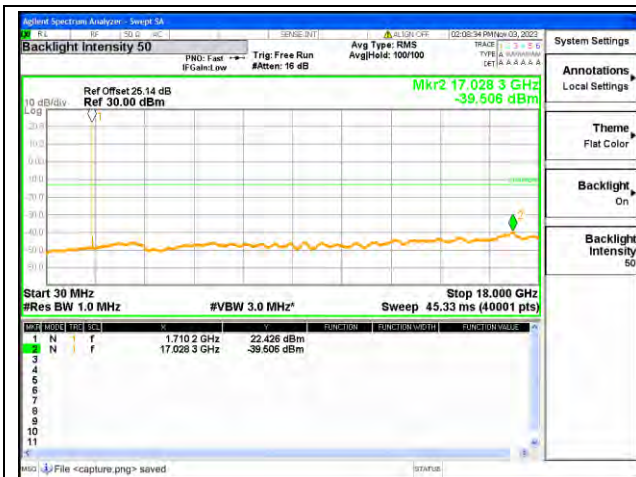
B2 / 20MHz / Low CH / QPSK



B2 / 20MHz / Mid CH / QPSK



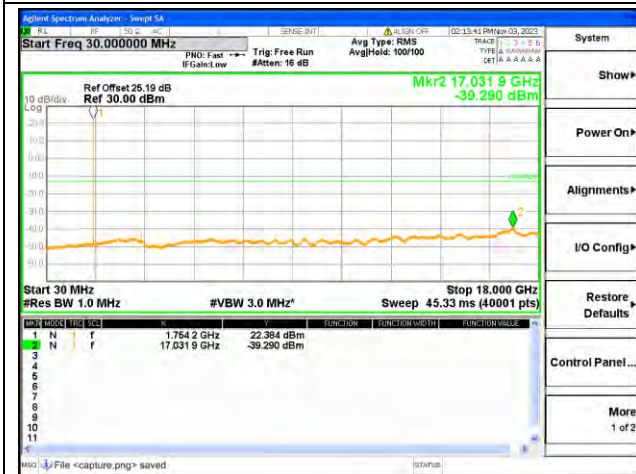
B2 / 20MHz / High CH / QPSK



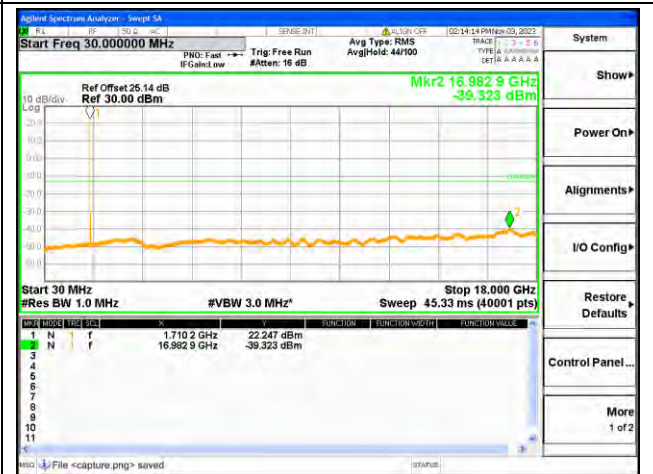
B4 / 1.4MHz / Low CH / QPSK



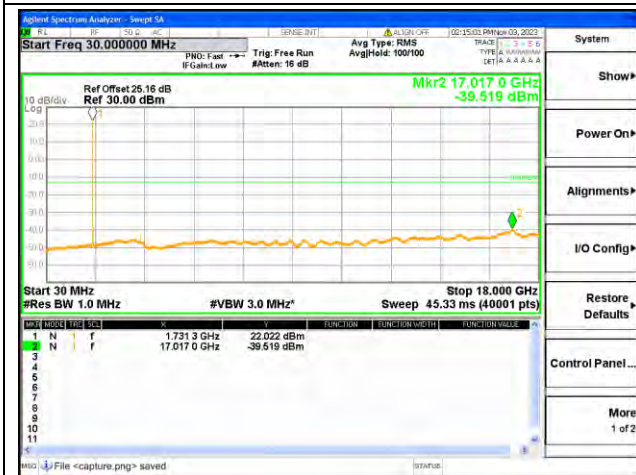
B4 / 1.4MHz / Mid CH / QPSK



B4 / 1.4MHz / High CH / QPSK



B4 / 3MHz / Low CH / QPSK

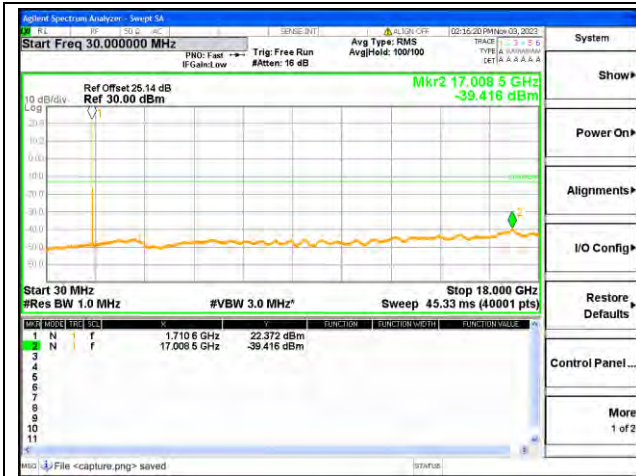


B4 / 3MHz / Mid CH / QPSK



B4 / 3MHz / High CH / QPSK

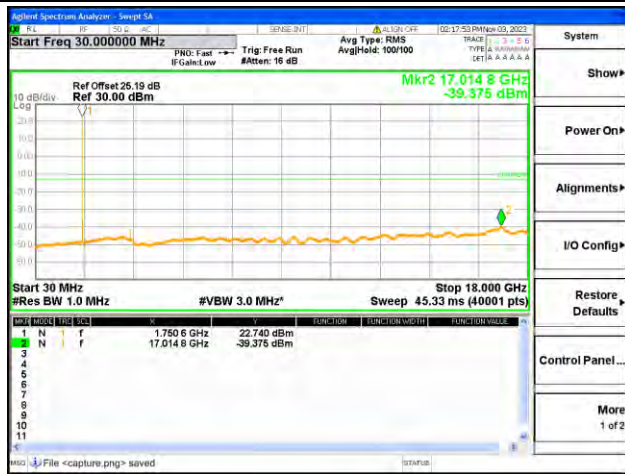




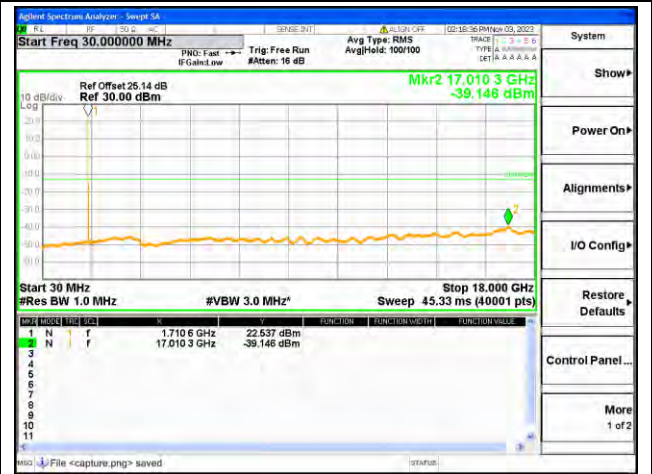
B4 / 5MHz / Low CH / QPSK



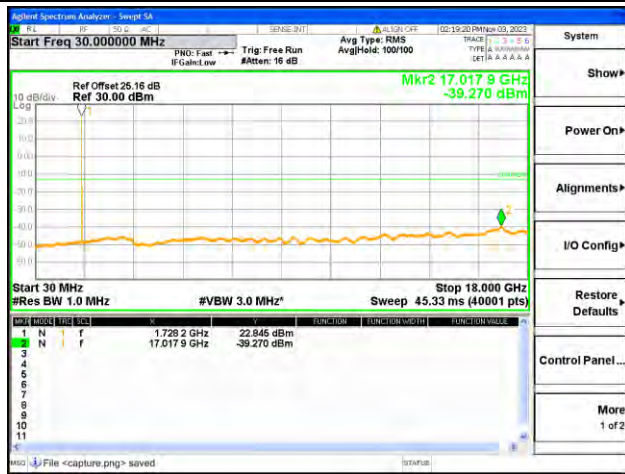
B4 / 5MHz / Mid CH / QPSK



B4 / 5MHz / High CH / QPSK



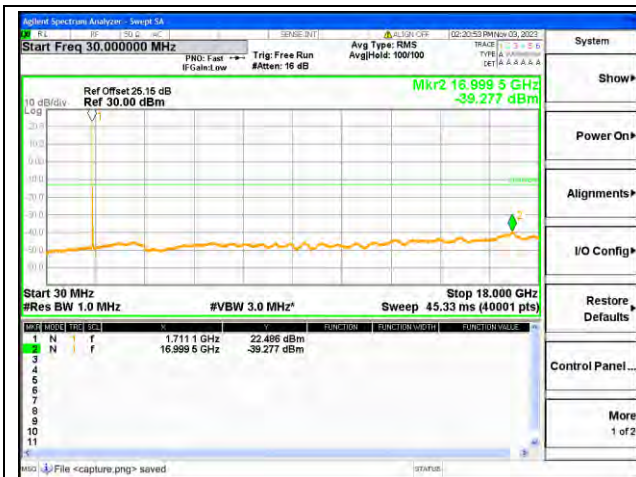
B4 / 10MHz / Low CH / QPSK



B4 / 10MHz / Mid CH / QPSK



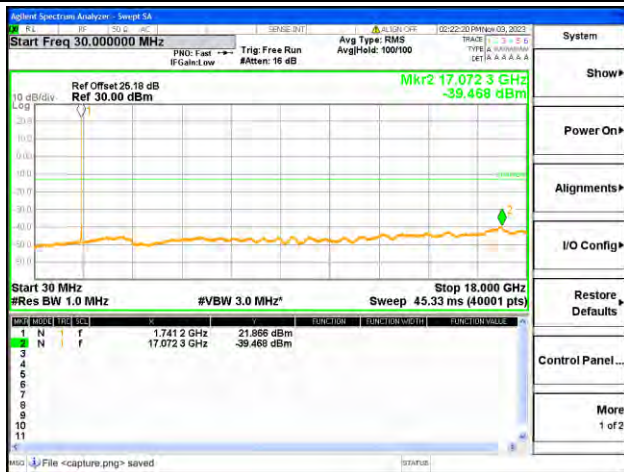
B4 / 10MHz / High CH / QPSK



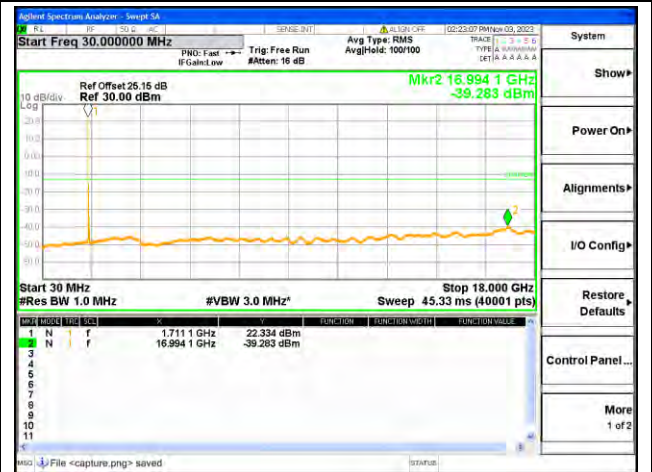
B4 / 15MHz / Low CH / QPSK



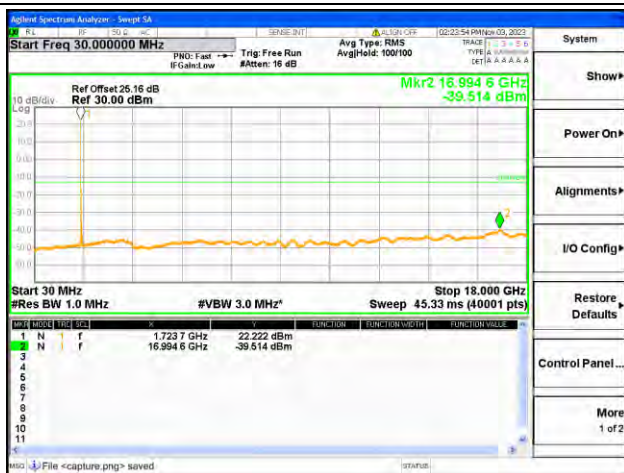
B4 / 15MHz / Mid CH / QPSK



B4 / 15MHz / High CH / QPSK



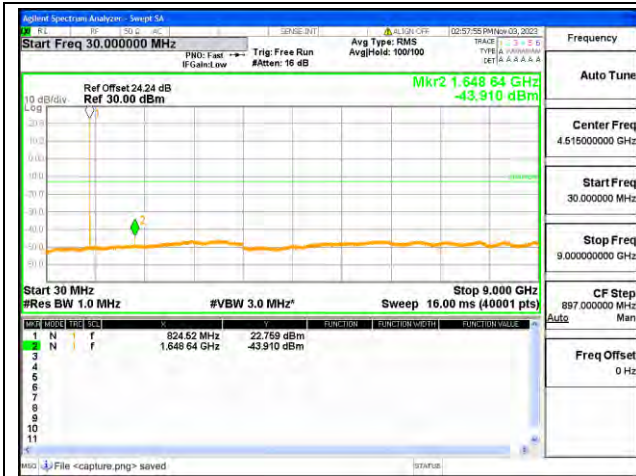
B4 / 20MHz / Low CH / QPSK



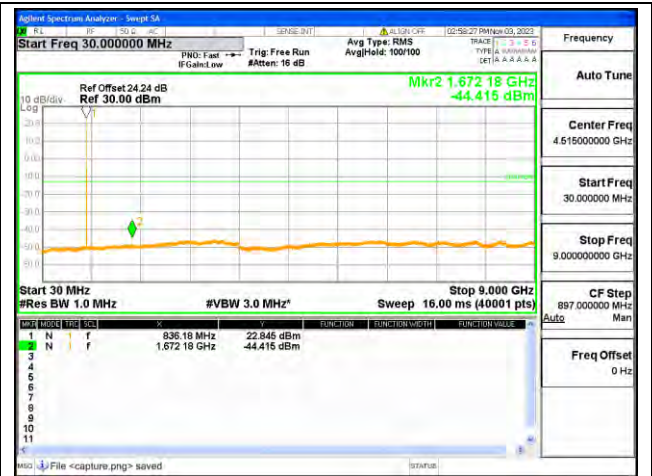
B4 / 20MHz / Mid CH / QPSK



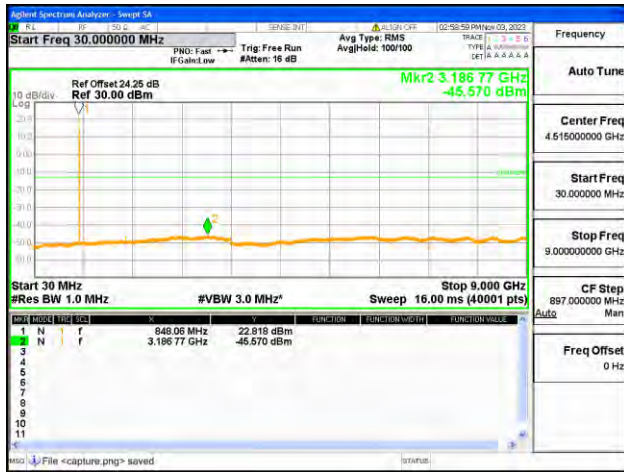
B4 / 20MHz / High CH / QPSK



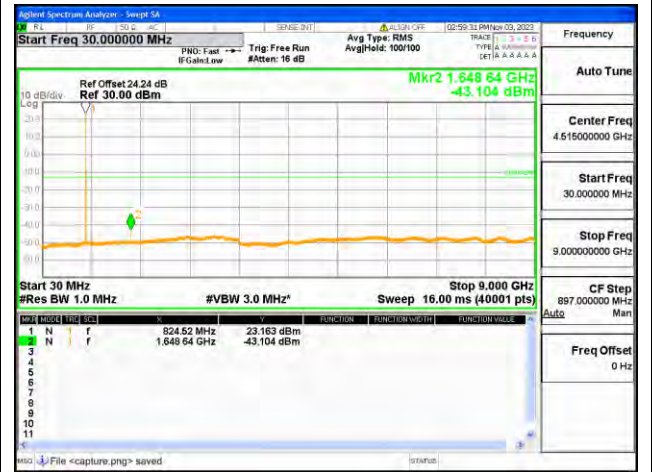
B5 / 1.4MHz / Low CH / QPSK



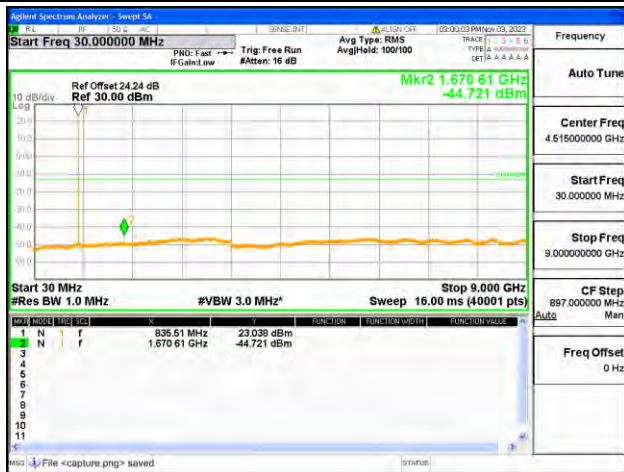
B5 / 1.4MHz / Mid CH / QPSK



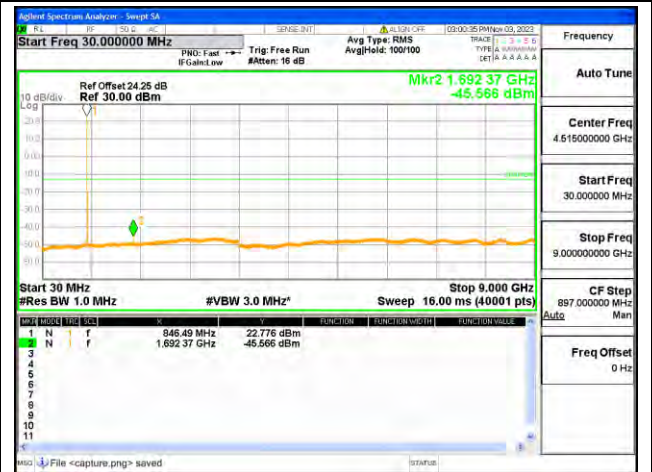
B5 / 1.4MHz / High CH / QPSK



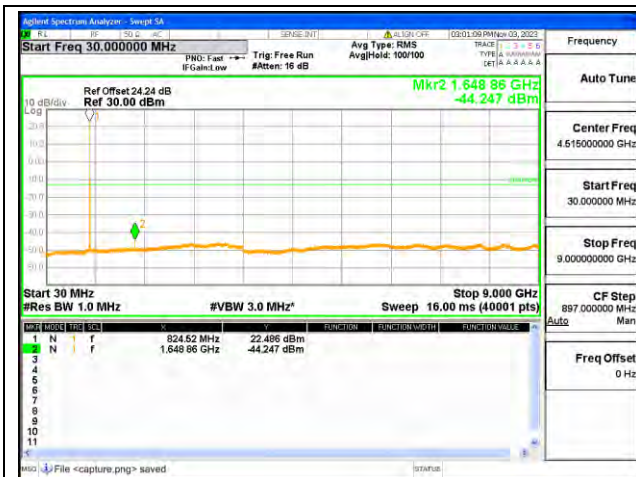
B5 / 3MHz / Low CH / QPSK



B5 / 3MHz / Mid CH / QPSK



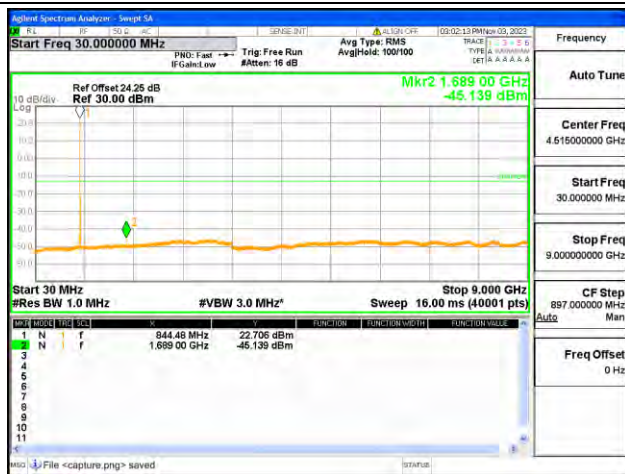
B5 / 3MHz / High CH / QPSK



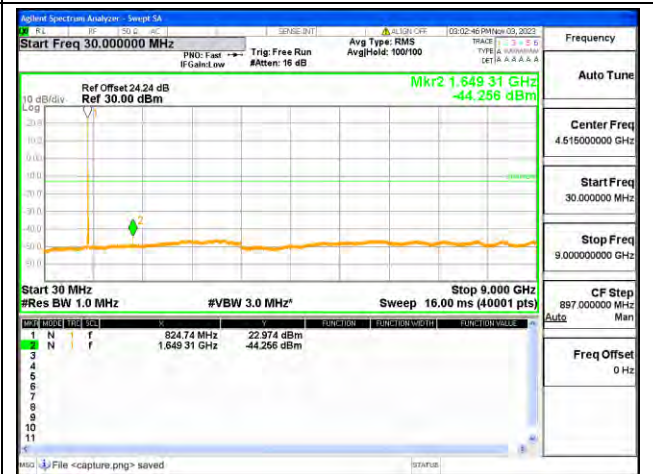
B5 / 5MHz / Low CH / QPSK



B5 / 5MHz / Mid CH / QPSK



B5 / 5MHz / High CH / QPSK



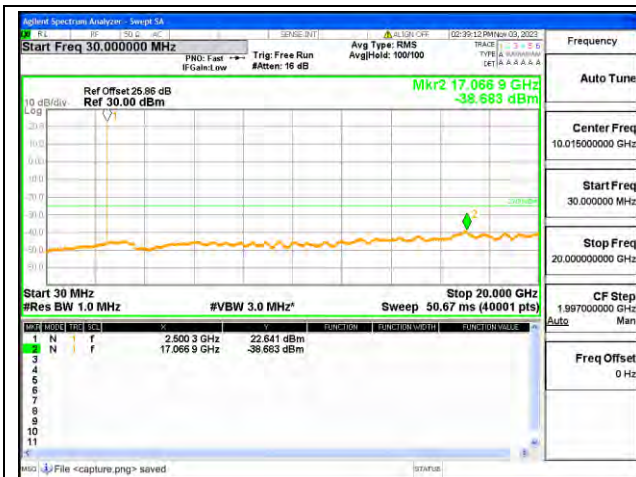
B5 / 10MHz / Low CH / QPSK



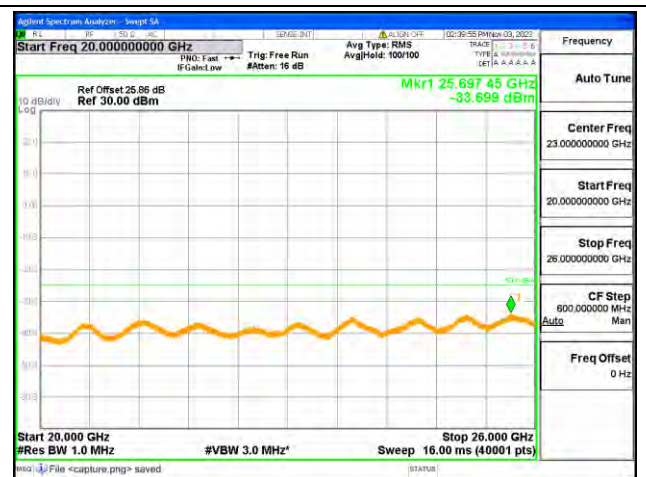
B5 / 10MHz / Mid CH / QPSK



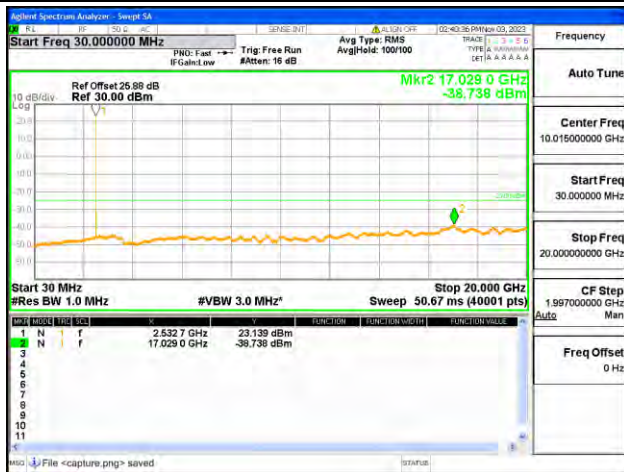
B5 / 10MHz / High CH / QPSK



B7-30M-20G / 5MHz / Low CH / QPSK



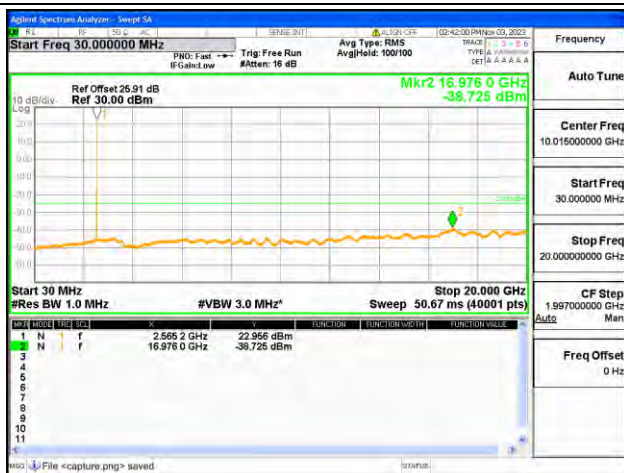
B7-20G-26G / 5MHz / Low CH / QPSK



B7-30M-20G / 5MHz / Mid CH / QPSK



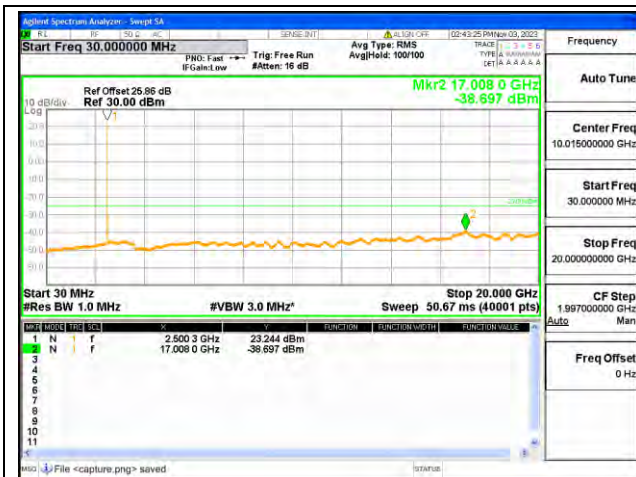
B7-20G-26G / 5MHz / Mid CH / QPSK



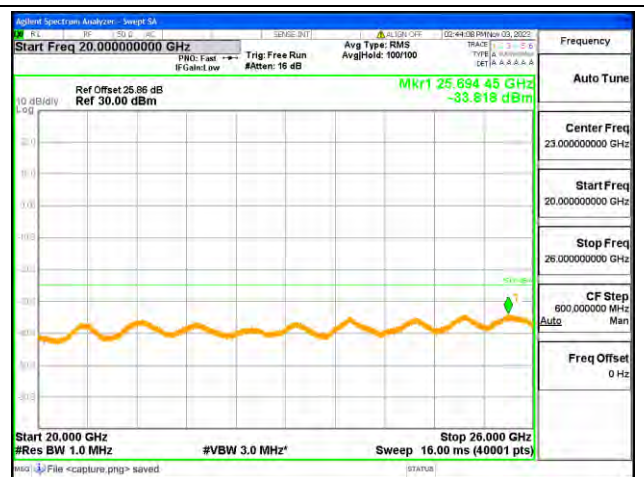
B7-30M-20G / 5MHz / High CH / QPSK



B7-20G-26G / 5MHz / High CH / QPSK



B7-30M-20G / 10MHz / Low CH / QPSK



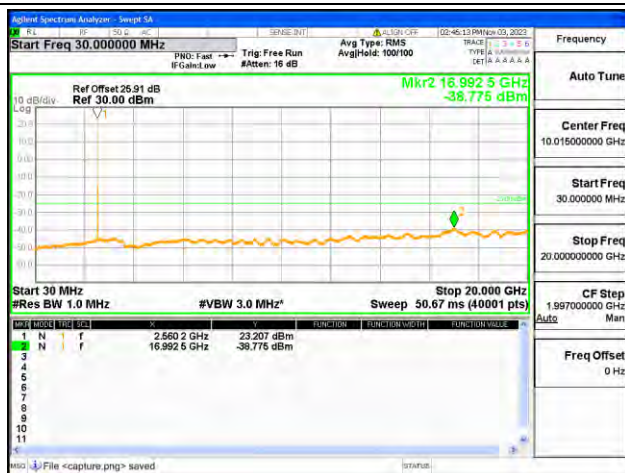
B7-20G-26G / 10MHz / Low CH / QPSK



B7-30M-20G / 10MHz / Mid CH / QPSK



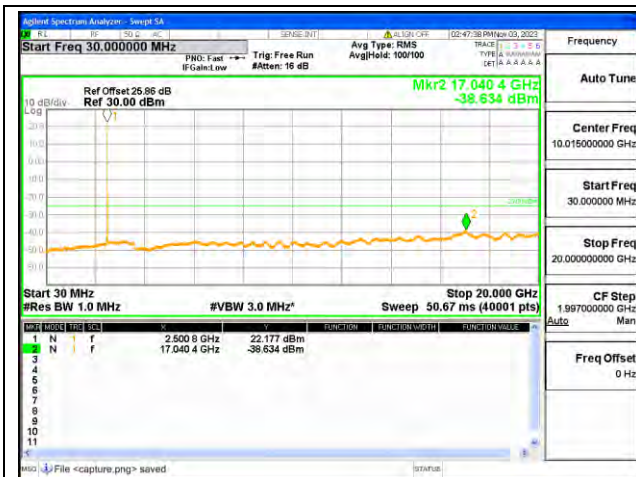
B7-20G-26G / 10MHz / Mid CH / QPSK



B7-30M-20G / 10MHz / High CH / QPSK



B7-20G-26G / 10MHz / High CH / QPSK



B7-30M-20G / 15MHz / Low CH / QPSK



B7-20G-26G / 15MHz / Low CH / QPSK



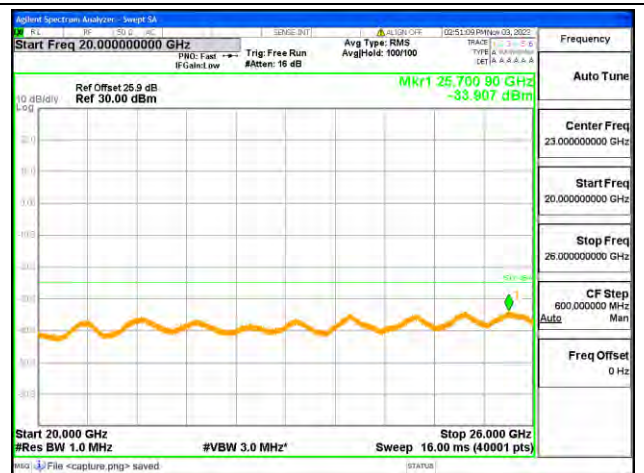
B7-30M-20G / 15MHz / Mid CH / QPSK



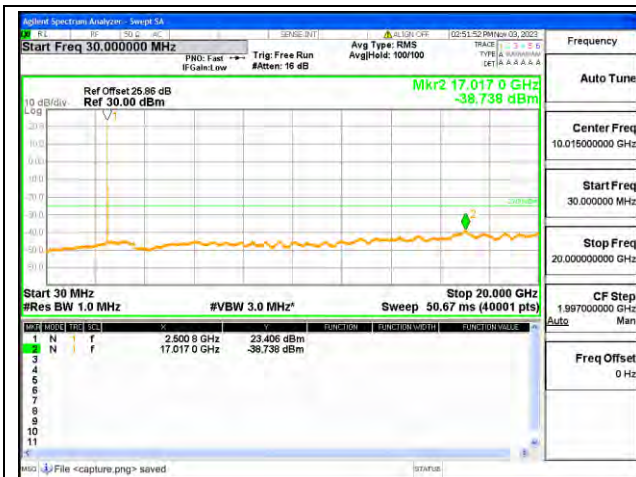
B7-20G-26G / 15MHz / Mid CH / QPSK



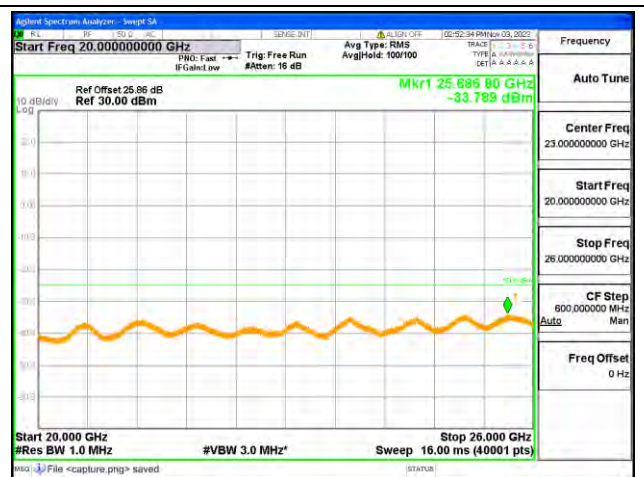
B7-30M-20G / 15MHz / High CH / QPSK



B7-20G-26G / 15MHz / High CH / QPSK



B7-30M-20G / 20MHz / Low CH / QPSK



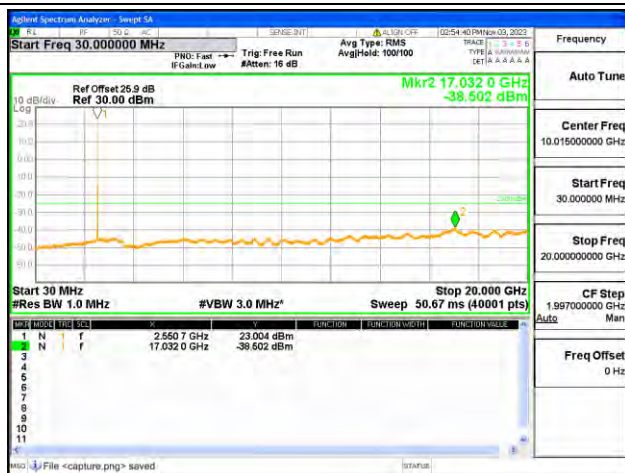
B7-20G-26G / 20MHz / Low CH / QPSK



B7-30M-20G / 20MHz / Mid CH / QPSK



B7-20G-26G / 20MHz / Mid CH / QPSK

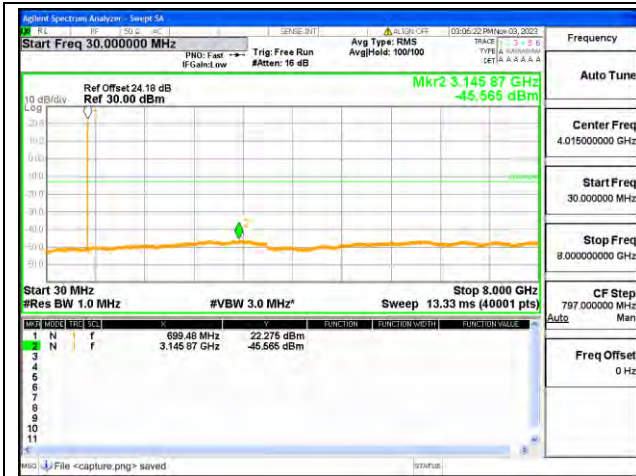


B7-30M-20G / 20MHz / High CH / QPSK



B7-20G-26G / 20MHz / High CH / QPSK

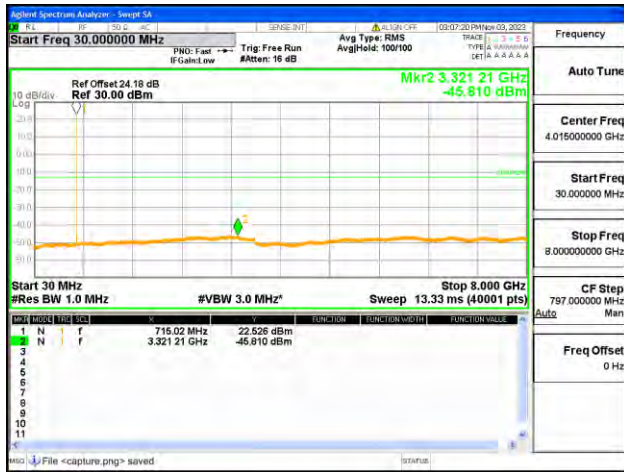




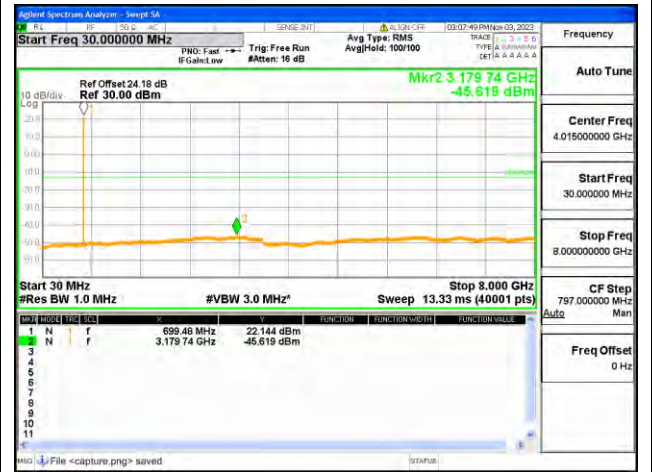
B12 / 1.4MHz / Low CH / QPSK



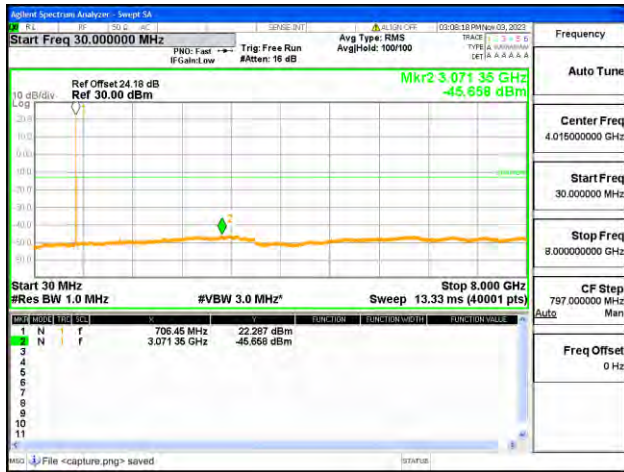
B12 / 1.4MHz / Mid CH / QPSK



B12 / 1.4MHz / High CH / QPSK



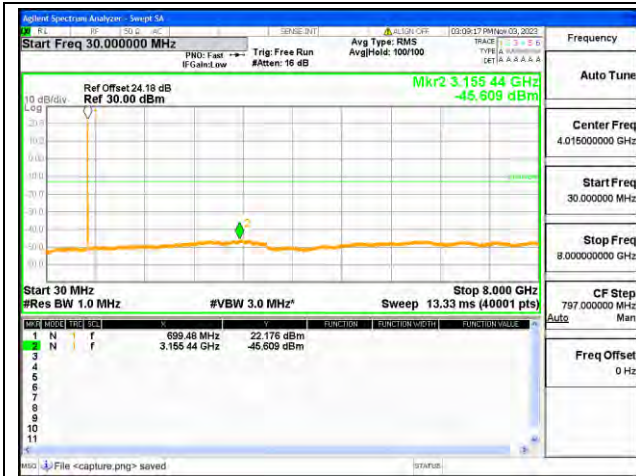
B12 / 3MHz / Low CH / QPSK



B12 / 3MHz / Mid CH / QPSK



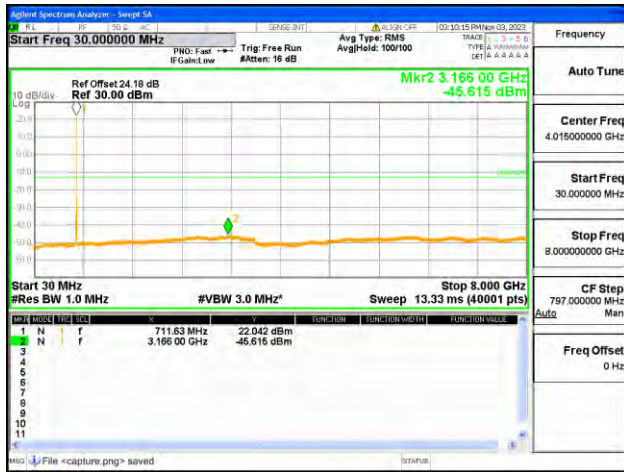
B12 / 3MHz / High CH / QPSK



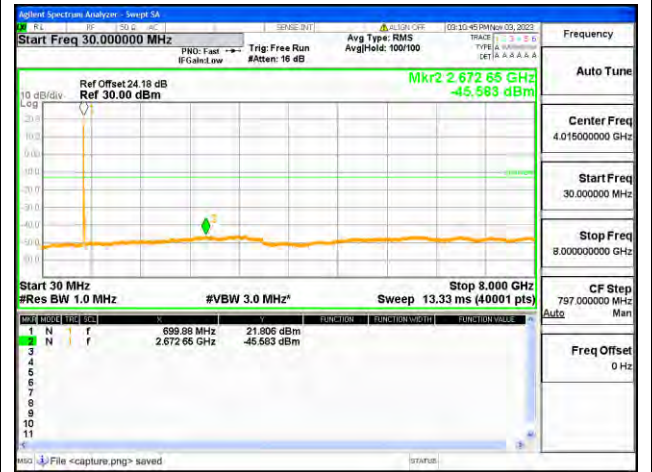
B12 / 5MHz / Low CH / QPSK



B12 / 5MHz / Mid CH / QPSK



B12 / 5MHz / High CH / QPSK



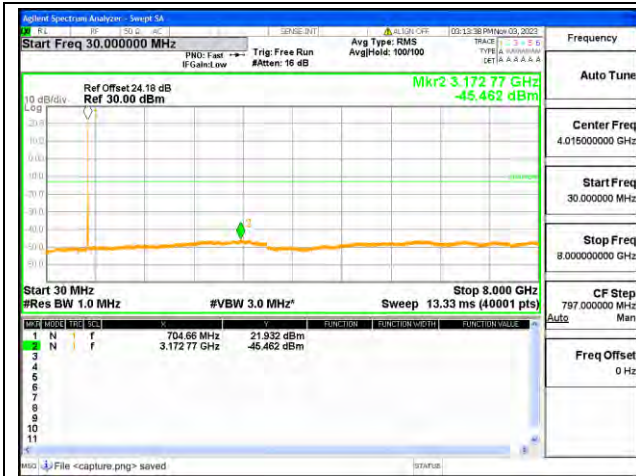
B12 / 10MHz / Low CH / QPSK



B12 / 10MHz / Mid CH / QPSK



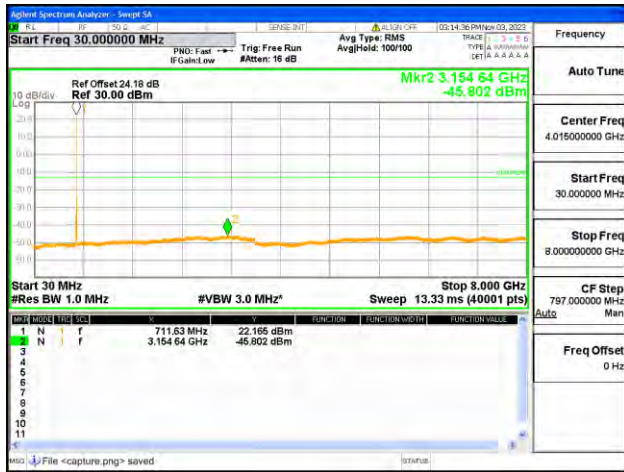
B12 / 10MHz / High CH / QPSK



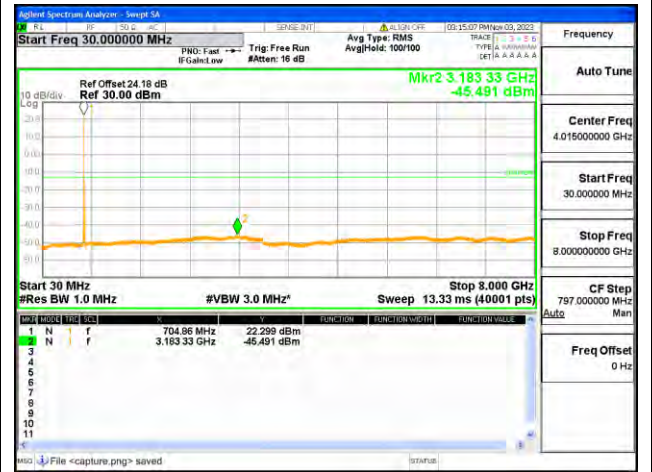
B17 / 5MHz / Low CH / QPSK



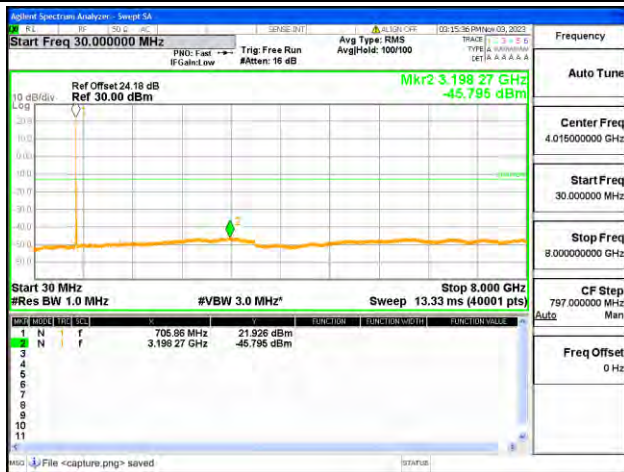
B17 / 5MHz / Mid CH / QPSK



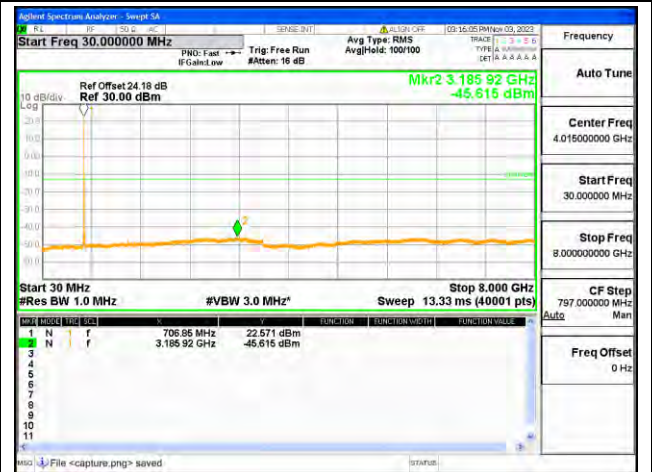
B17 / 5MHz / High CH / QPSK



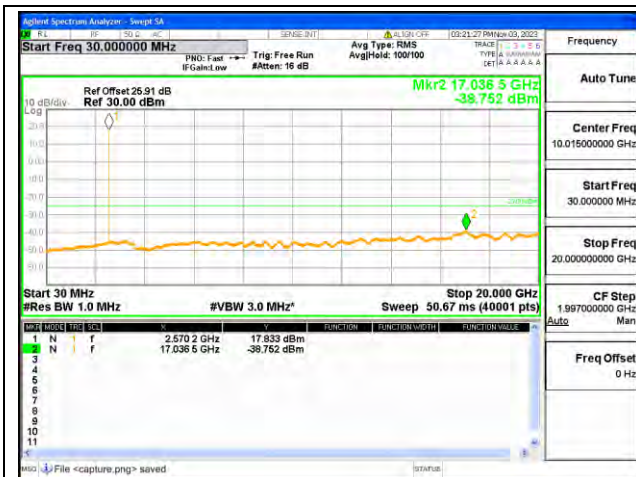
B17 / 10MHz / Low CH / QPSK



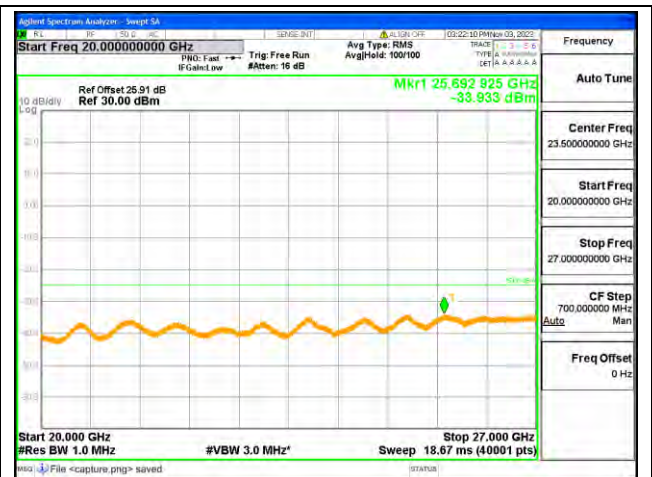
B17 / 10MHz / Mid CH / QPSK



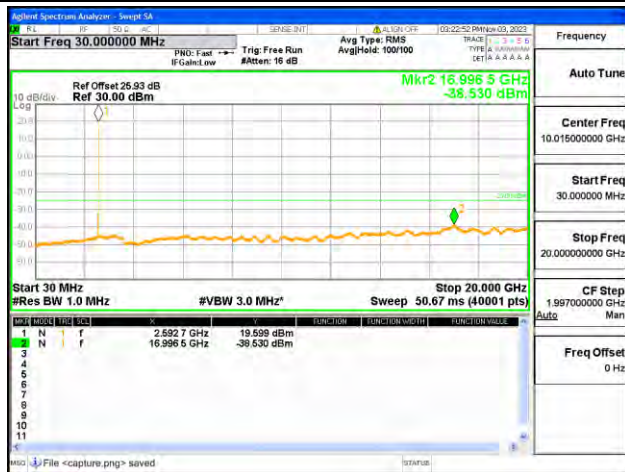
B17 / 10MHz / High CH / QPSK



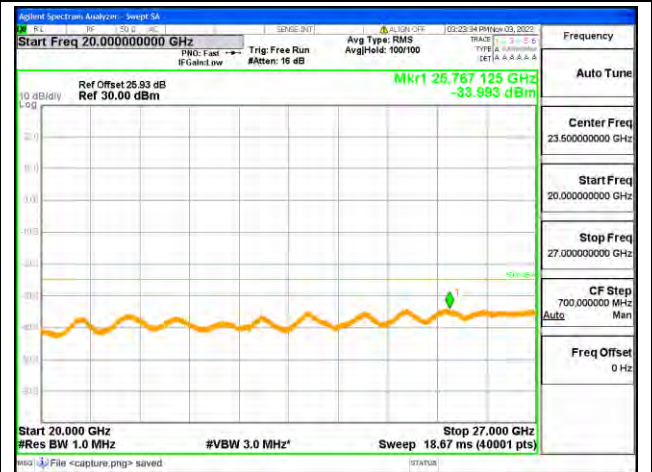
B38-30M-20G / 5MHz / Low CH / QPSK



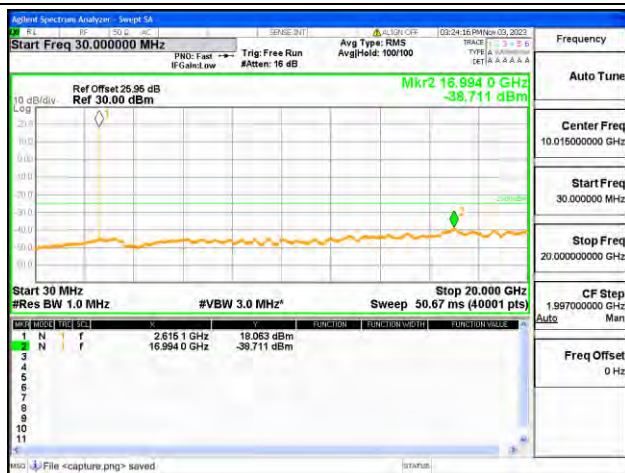
B38-20G-27G / 5MHz / Low CH / QPSK



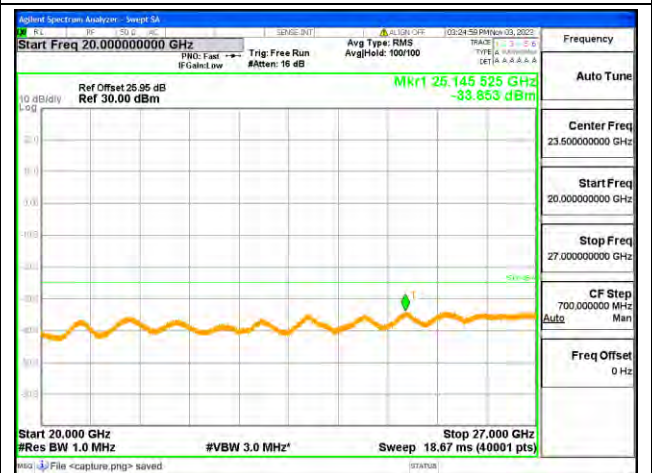
B38-30M-20G / 5MHz / Mid CH / QPSK



B38-20G-27G / 5MHz / Mid CH / QPSK



B38-30M-20G / 5MHz / High CH / QPSK



B38-20G-27G / 5MHz / High CH / QPSK