

Appendix A: Test Results of Conducted Test

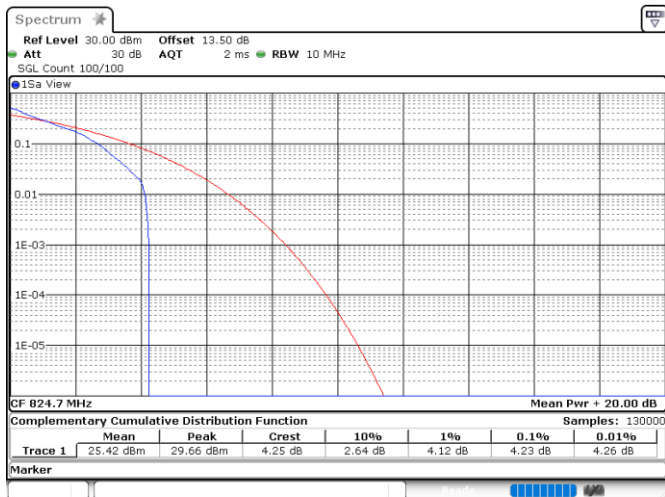
Peak to Average Ratio

LTE Band 5 _ Channel Bandwidth: 1.4 MHz

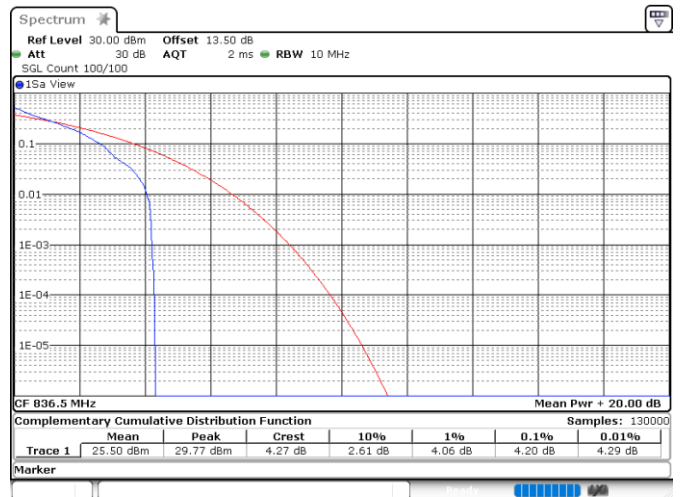
Channel	Frequency (MHz)	Peak to Average Ratio (dB)	
		QPSK	16QAM
20407	824.7	4.23	4.90
20525	836.5	4.20	4.61
20643	848.3	3.74	4.06

QPSK

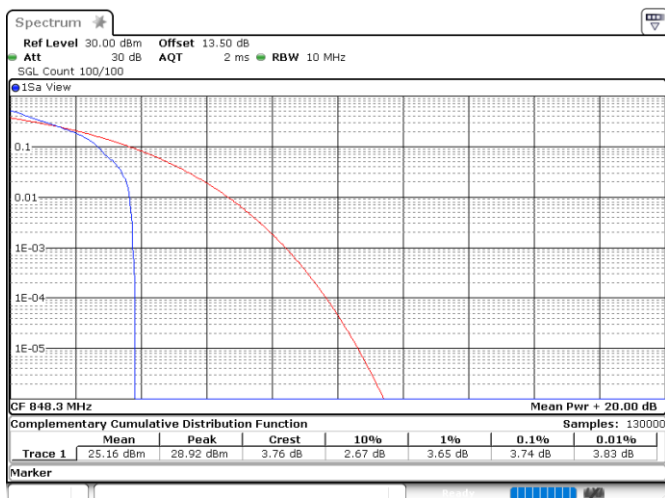
Channel_20407



Channel_20525

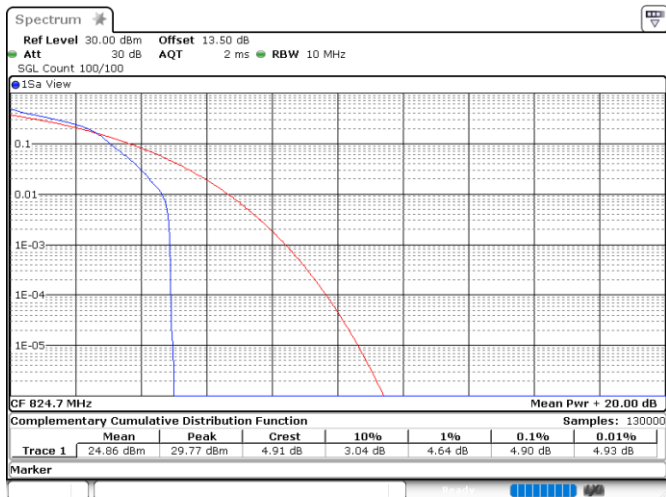


Channel_20643

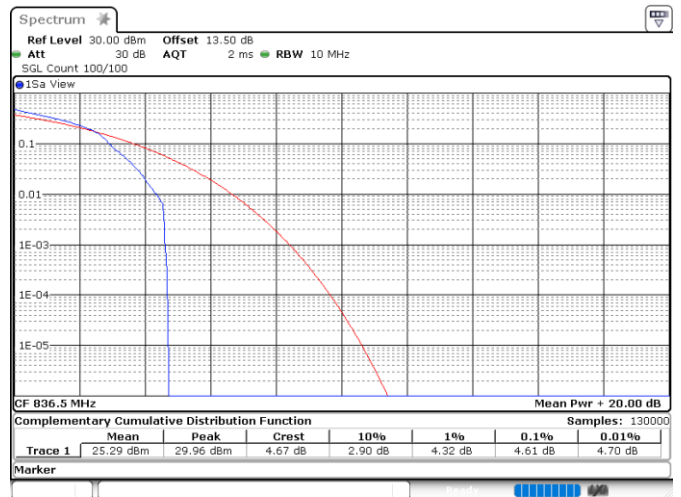


16QAM

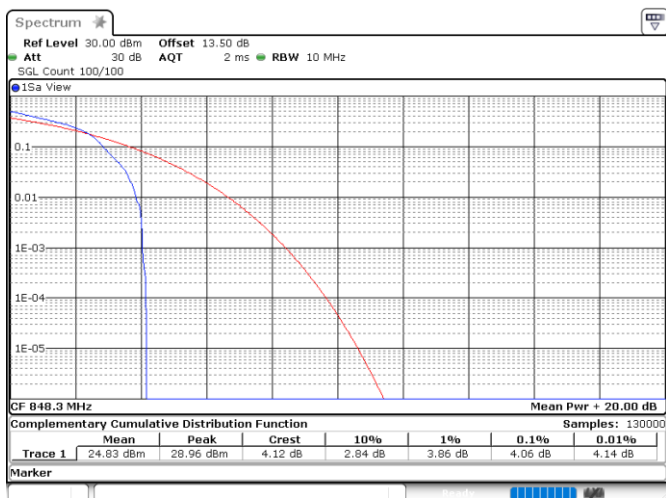
Channel_20407



Channel_20525



Channel_20643

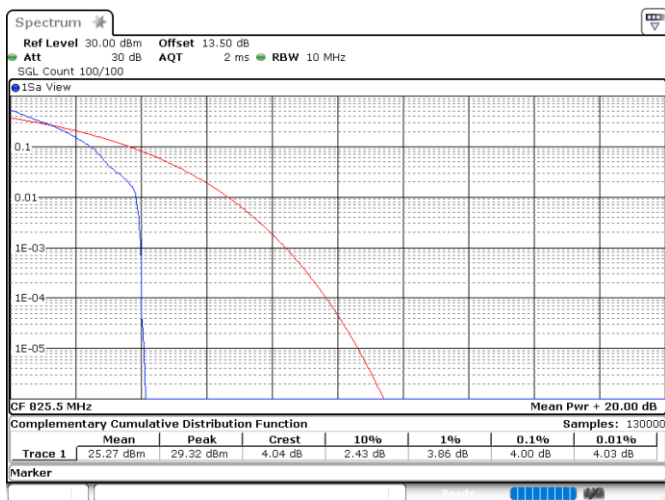


LTE Band 5 _ Channel Bandwidth: 3 MHz

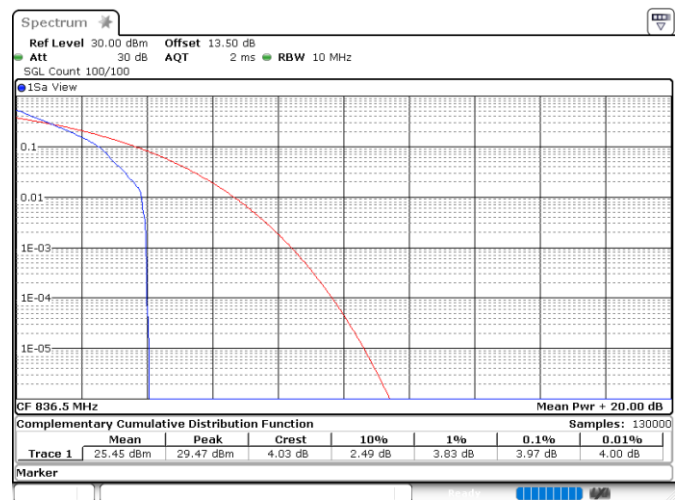
Channel	Frequency (MHz)	Peak to Average Ratio (dB)	
		QPSK	16QAM
20415	825.5	4.00	5.13
20525	836.5	3.97	4.87
20635	847.5	3.30	4.72

QPSK

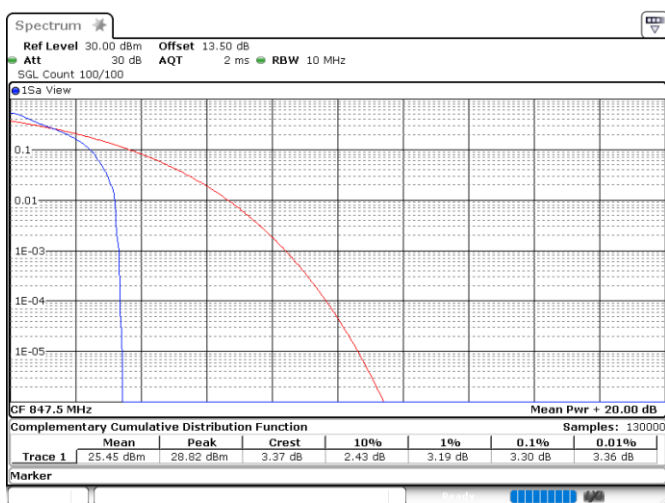
Channel_20415



Channel_20525

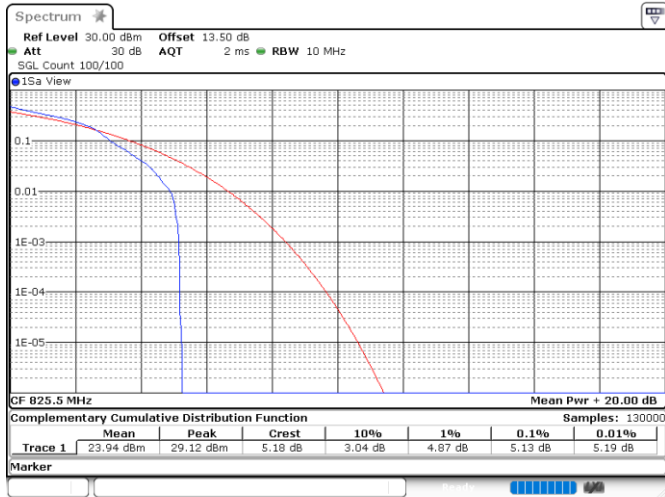


Channel_20635

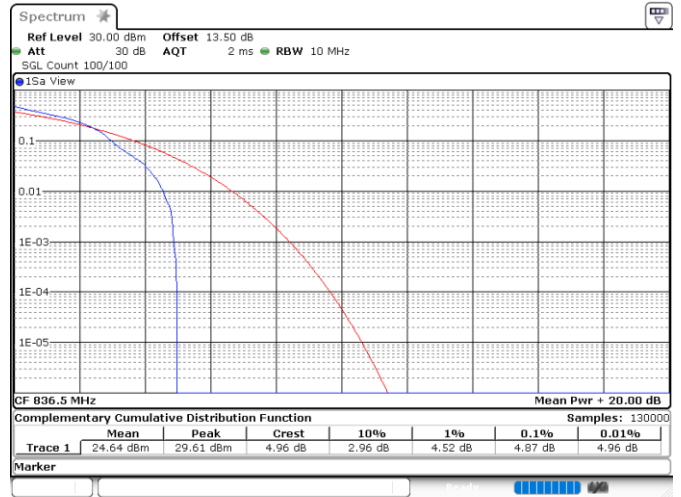


16QAM

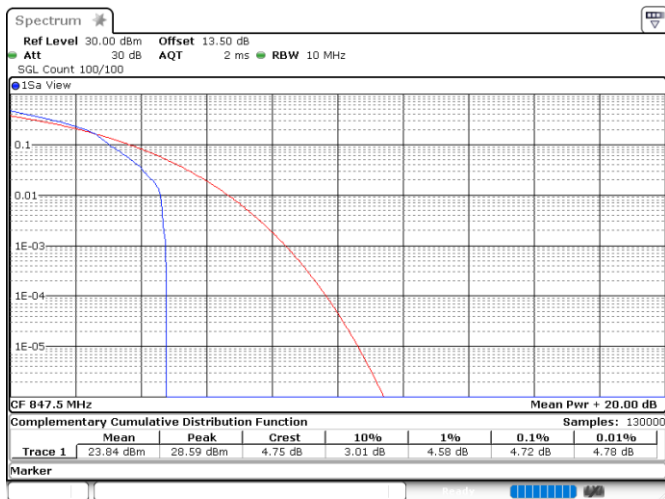
Channel_20415



Channel_20525



Channel_20635

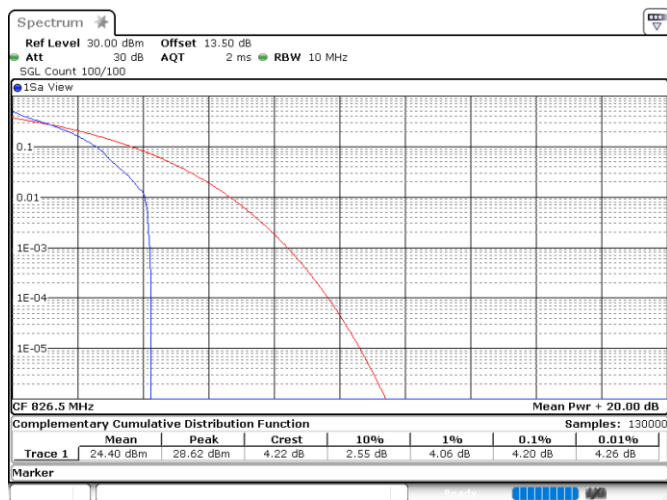


LTE Band 5 _ Channel Bandwidth: 5 MHz

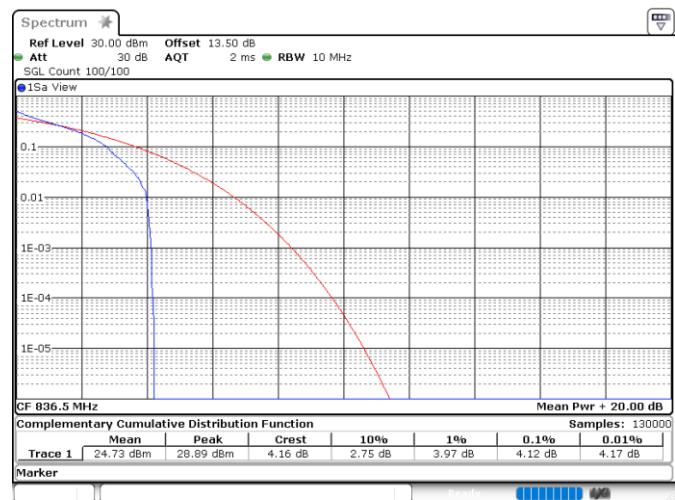
Channel	Frequency (MHz)	Peak to Average Ratio (dB)	
		QPSK	16QAM
20425	826.5	4.20	4.70
20525	836.5	4.12	5.19
20625	846.5	3.65	4.67

QPSK

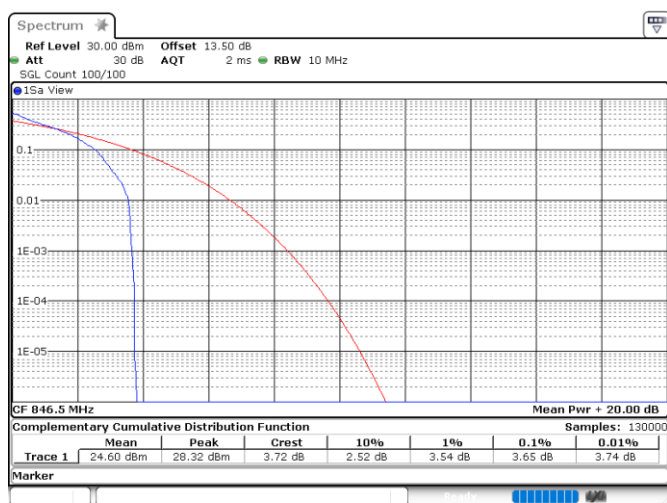
Channel_20425



Channel_20525

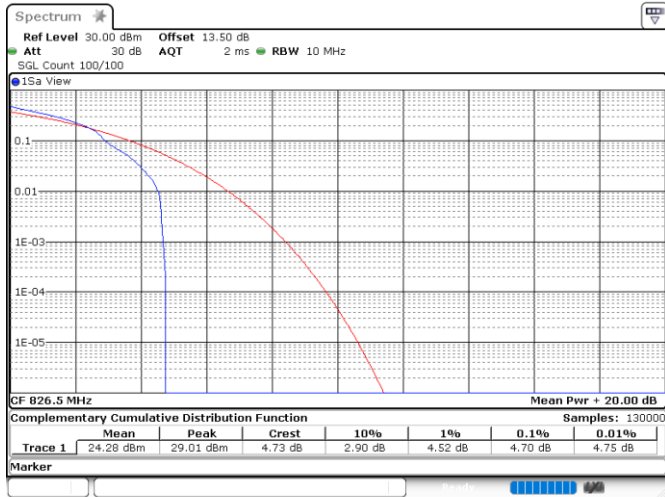


Channel_20625

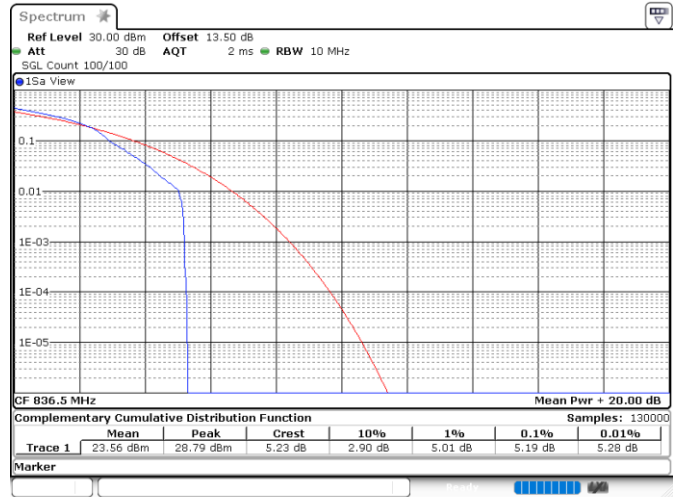


16QAM

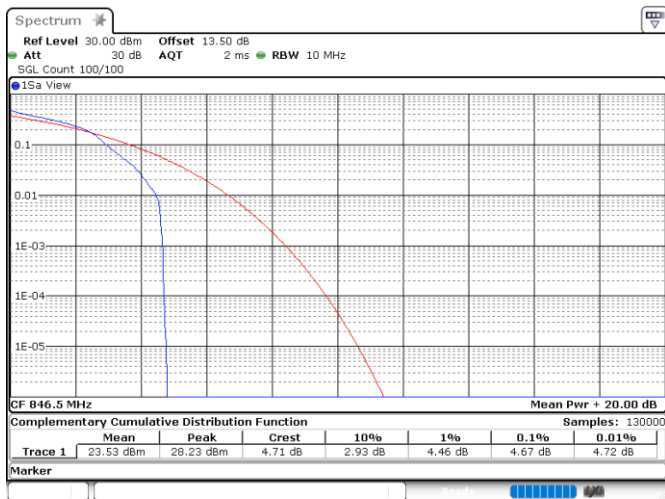
Channel_20425



Channel_20525

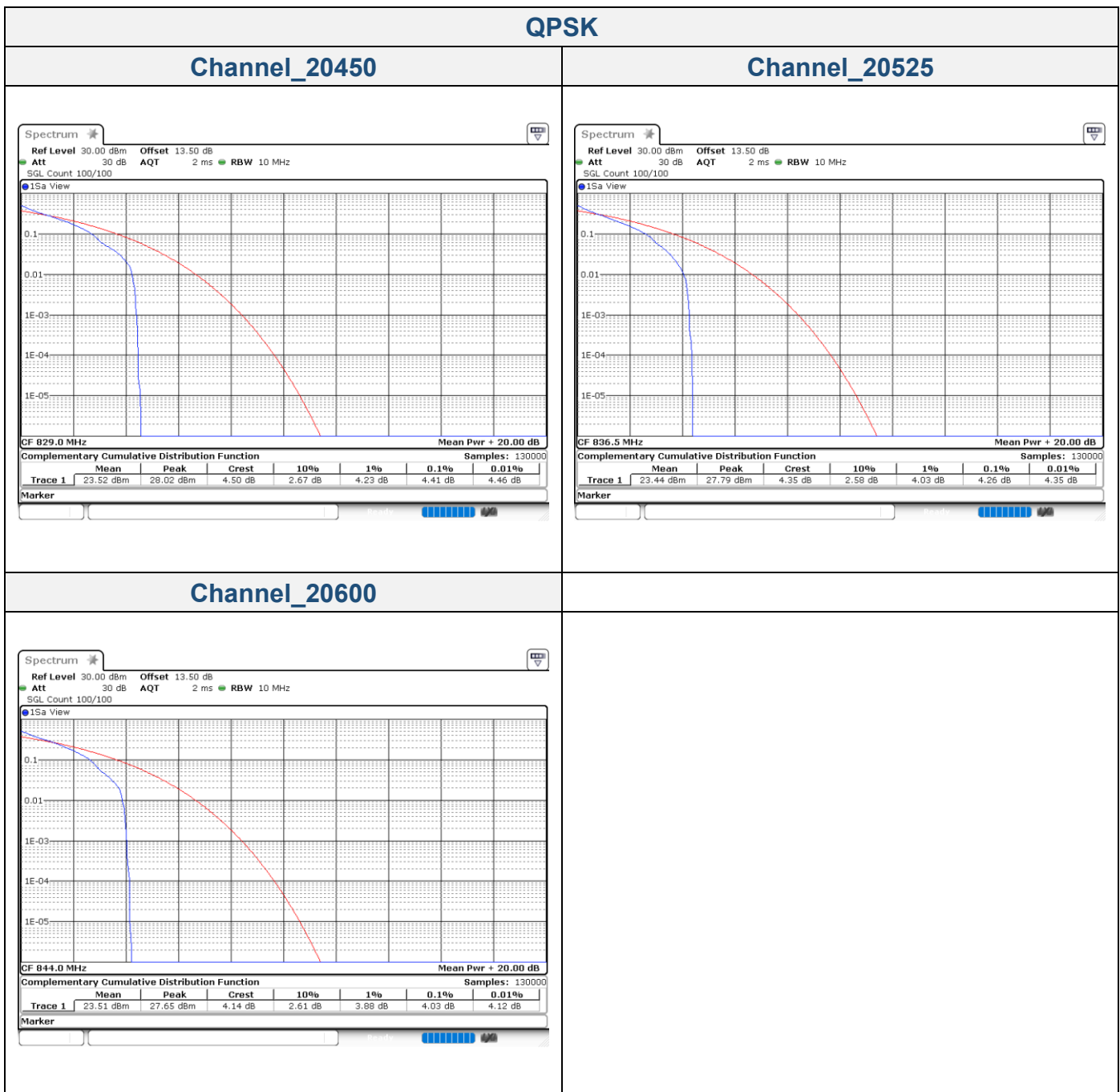


Channel_20625



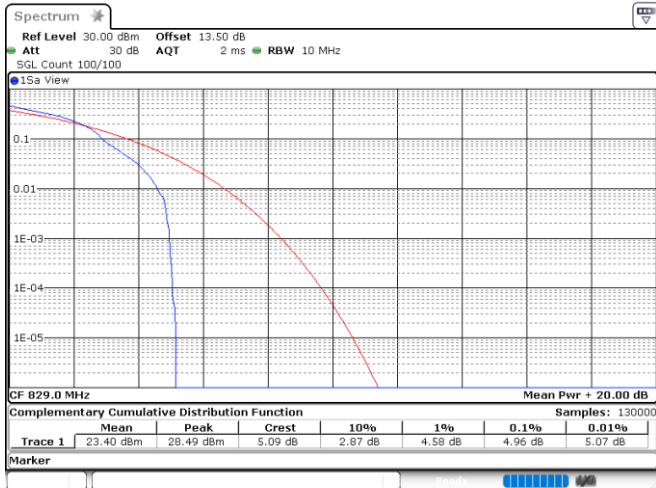
LTE Band 5 _ Channel Bandwidth: 10 MHz

Channel	Frequency (MHz)	Peak to Average Ratio (dB)	
		QPSK	16QAM
20450	829.0	4.41	4.96
20525	836.5	4.26	5.07
20600	844.0	4.03	4.84

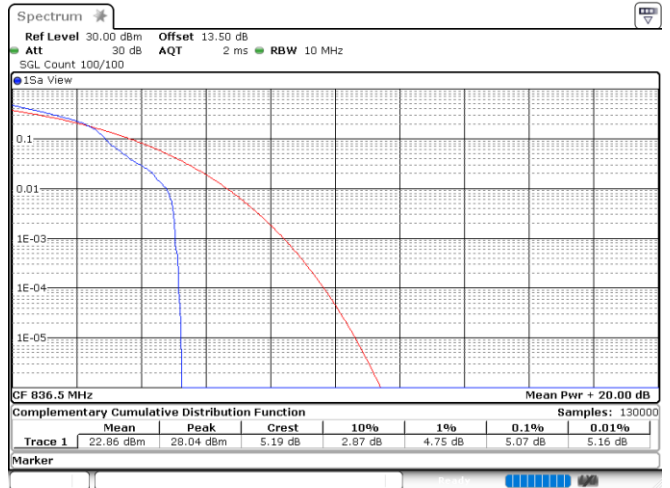


16QAM

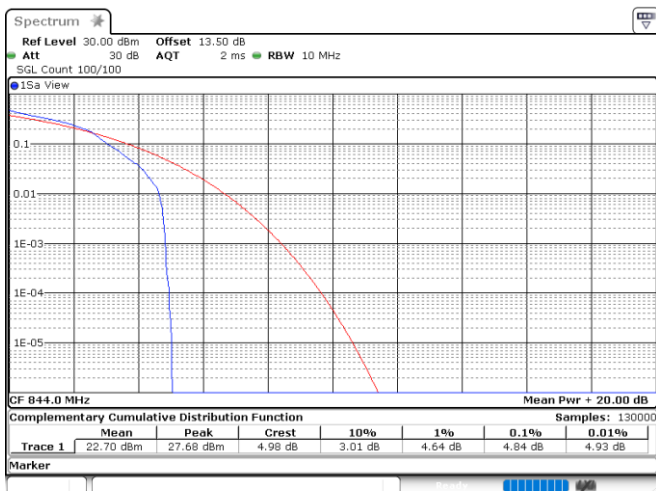
Channel_20450



Channel_20525



Channel_20600



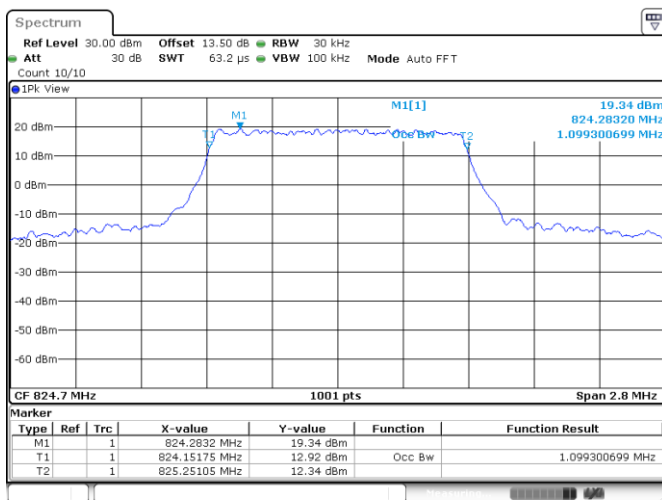
99 % Occupied Bandwidth

LTE Band 5 _ Channel Bandwidth: 1.4 MHz

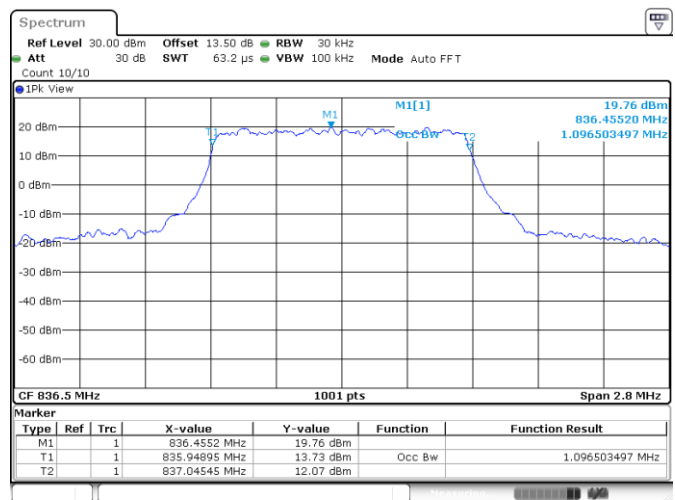
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
20407	824.7	1.099	1.097
20525	836.5	1.097	1.102
20643	848.3	1.099	1.097

QPSK

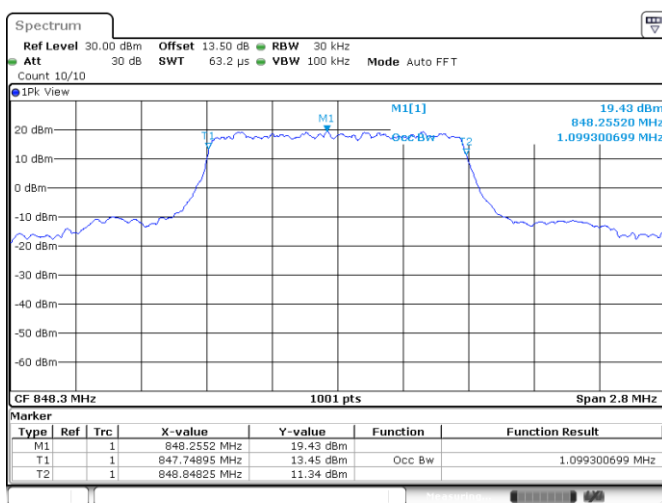
Channel_20407



Channel_20525

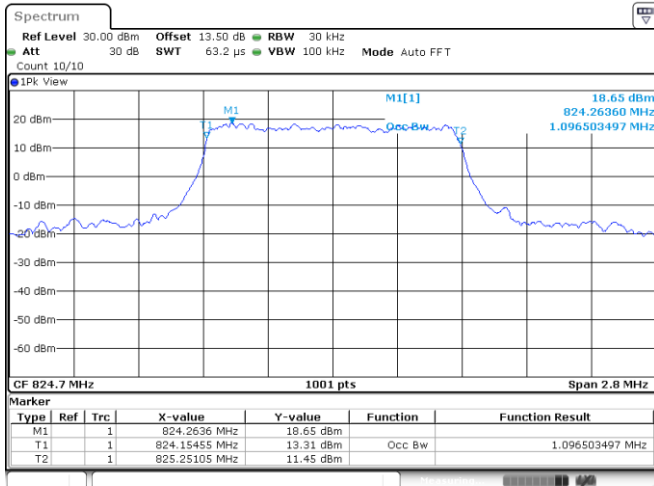


Channel_20643

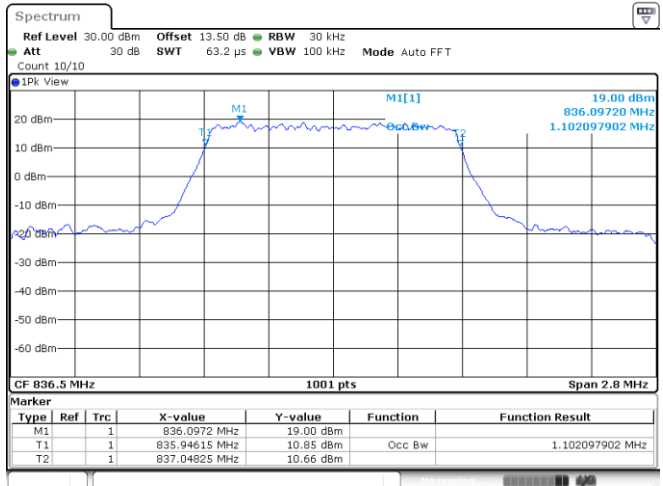


16QAM

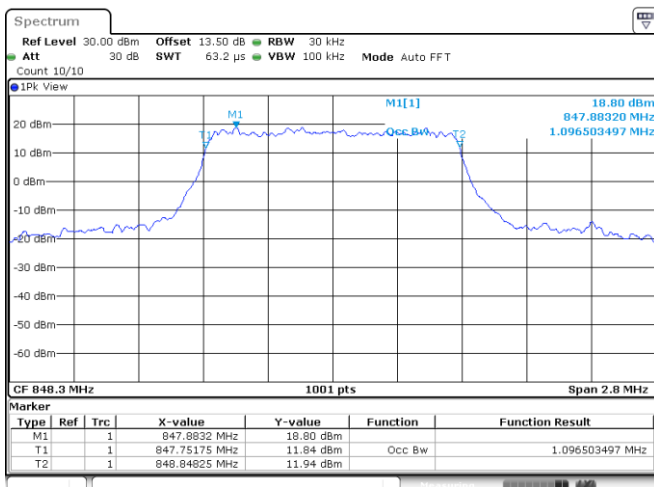
Channel_20407



Channel_20525



Channel_20643

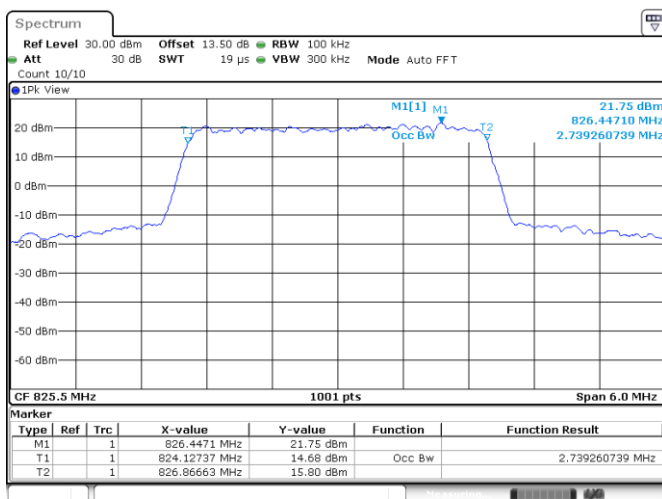


LTE Band 5 _ Channel Bandwidth: 3 MHz

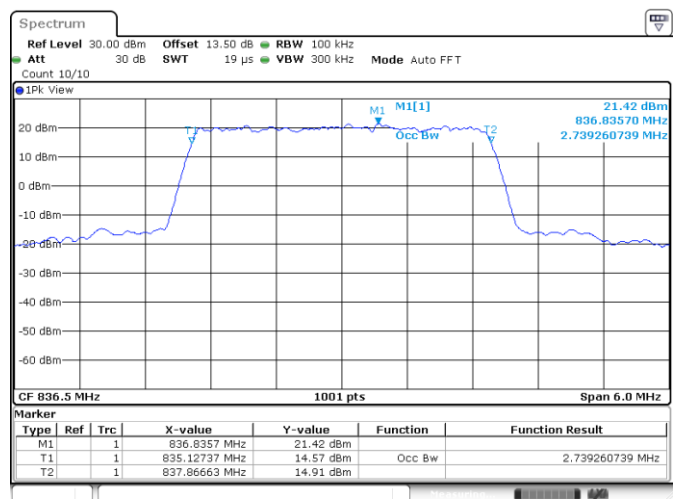
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
20415	825.5	2.739	2.727
20525	836.5	2.739	2.757
20635	847.5	2.733	2.733

QPSK

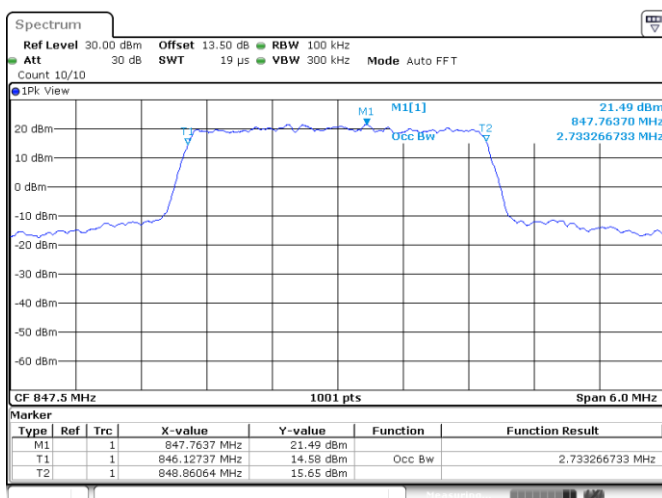
Channel_20415



Channel_20525

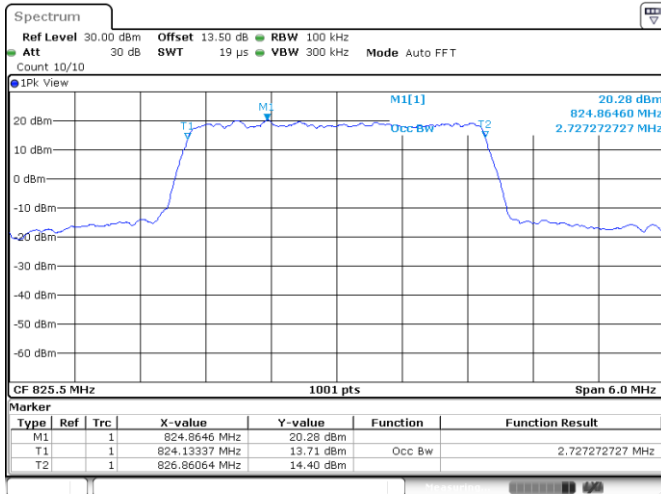


Channel_20635

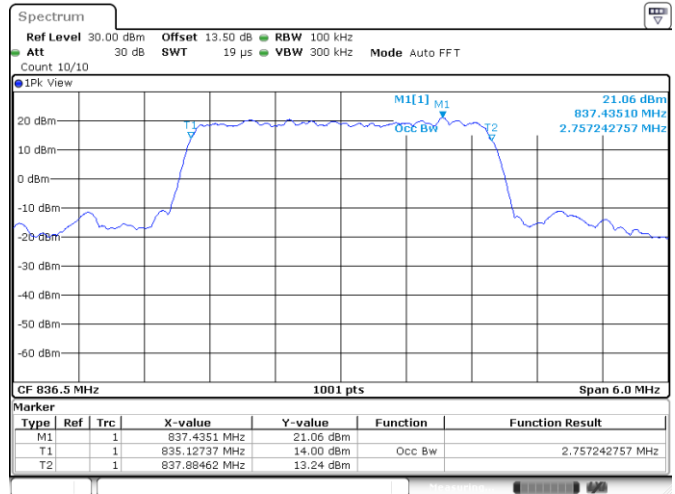


16QAM

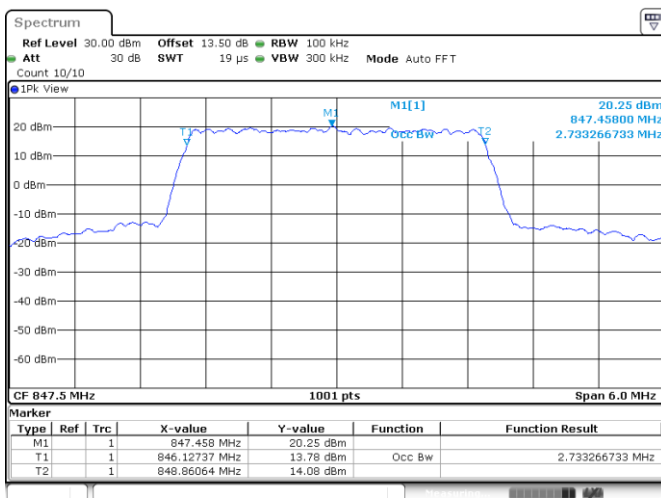
Channel_20415



Channel_20525

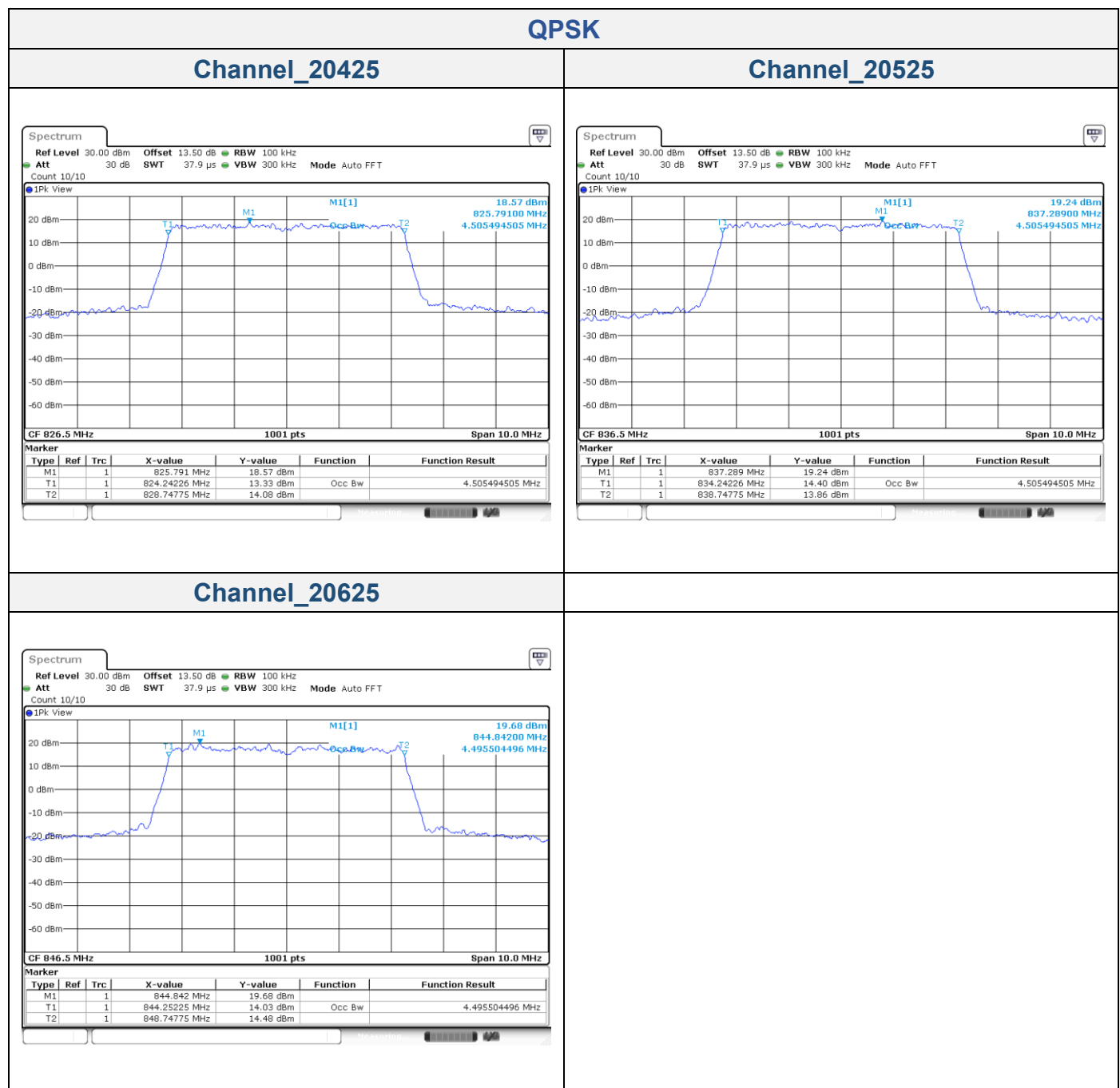


Channel_20635



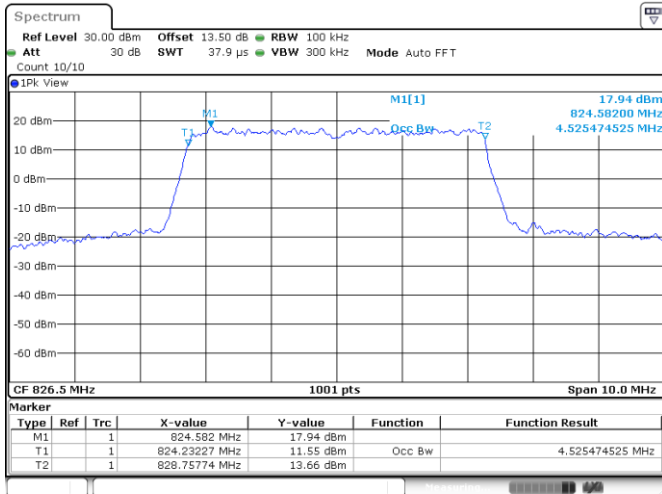
LTE Band 5 _ Channel Bandwidth: 5 MHz

Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)	
		QPSK	16QAM
20425	826.5	4.505	4.525
20525	836.5	4.505	4.505
20625	846.5	4.496	4.515

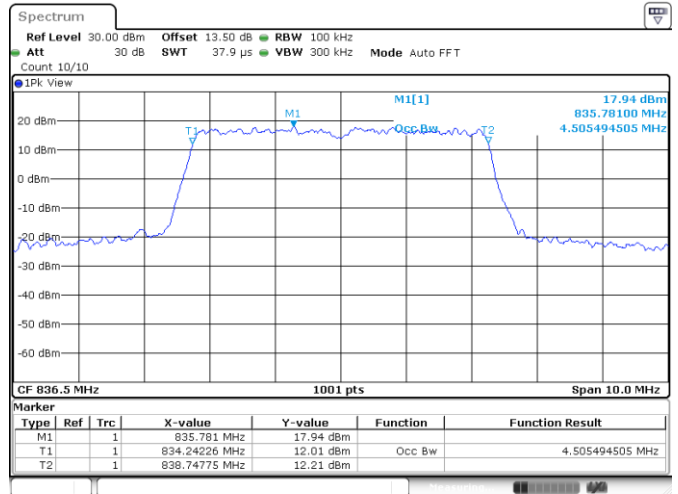


16QAM

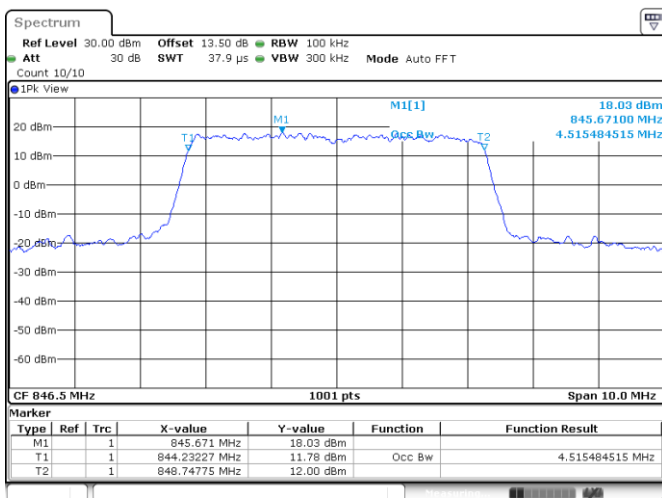
Channel_20425



Channel_20525

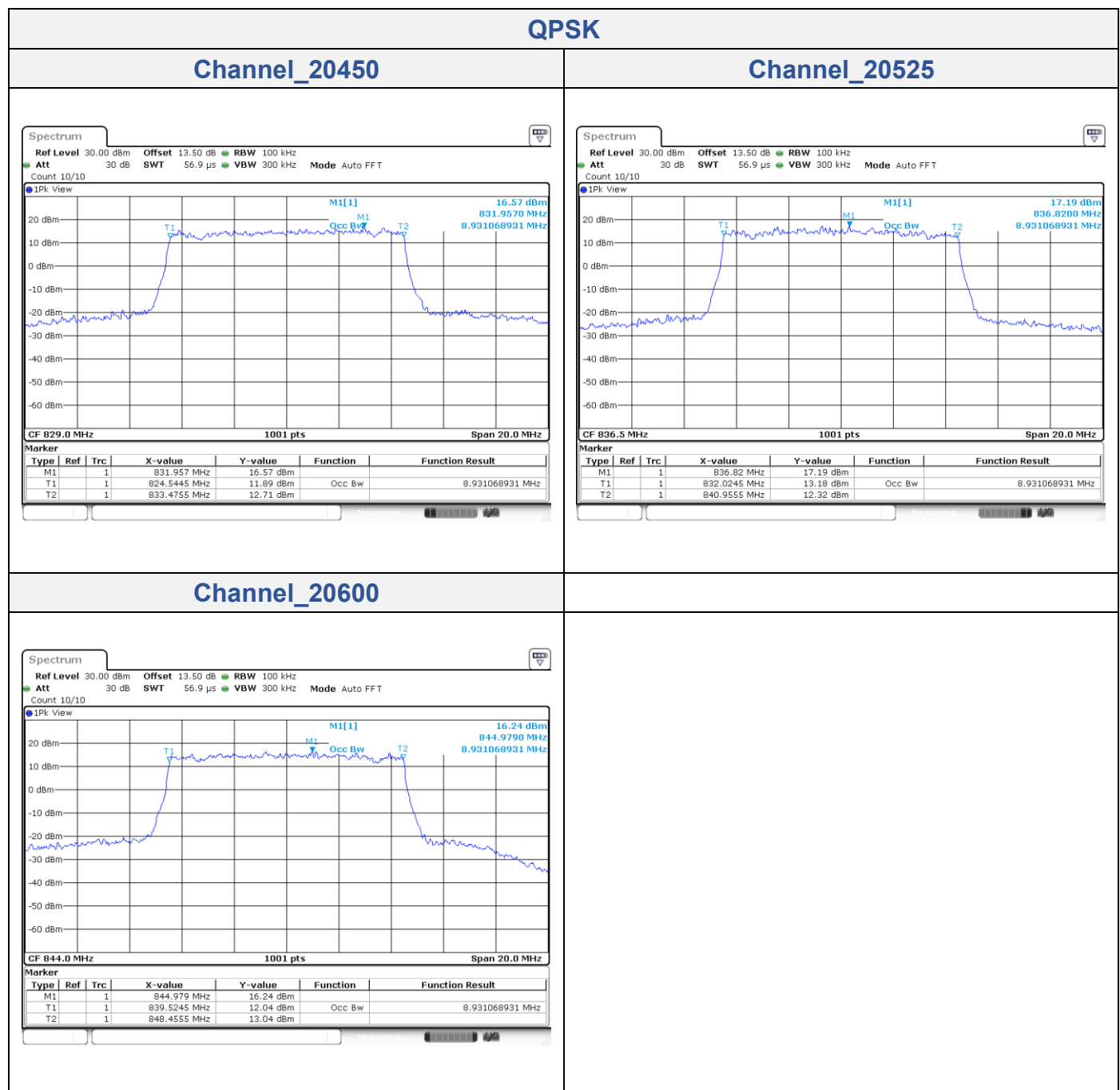


Channel_20625



LTE Band 5 _ Channel Bandwidth: 10 MHz

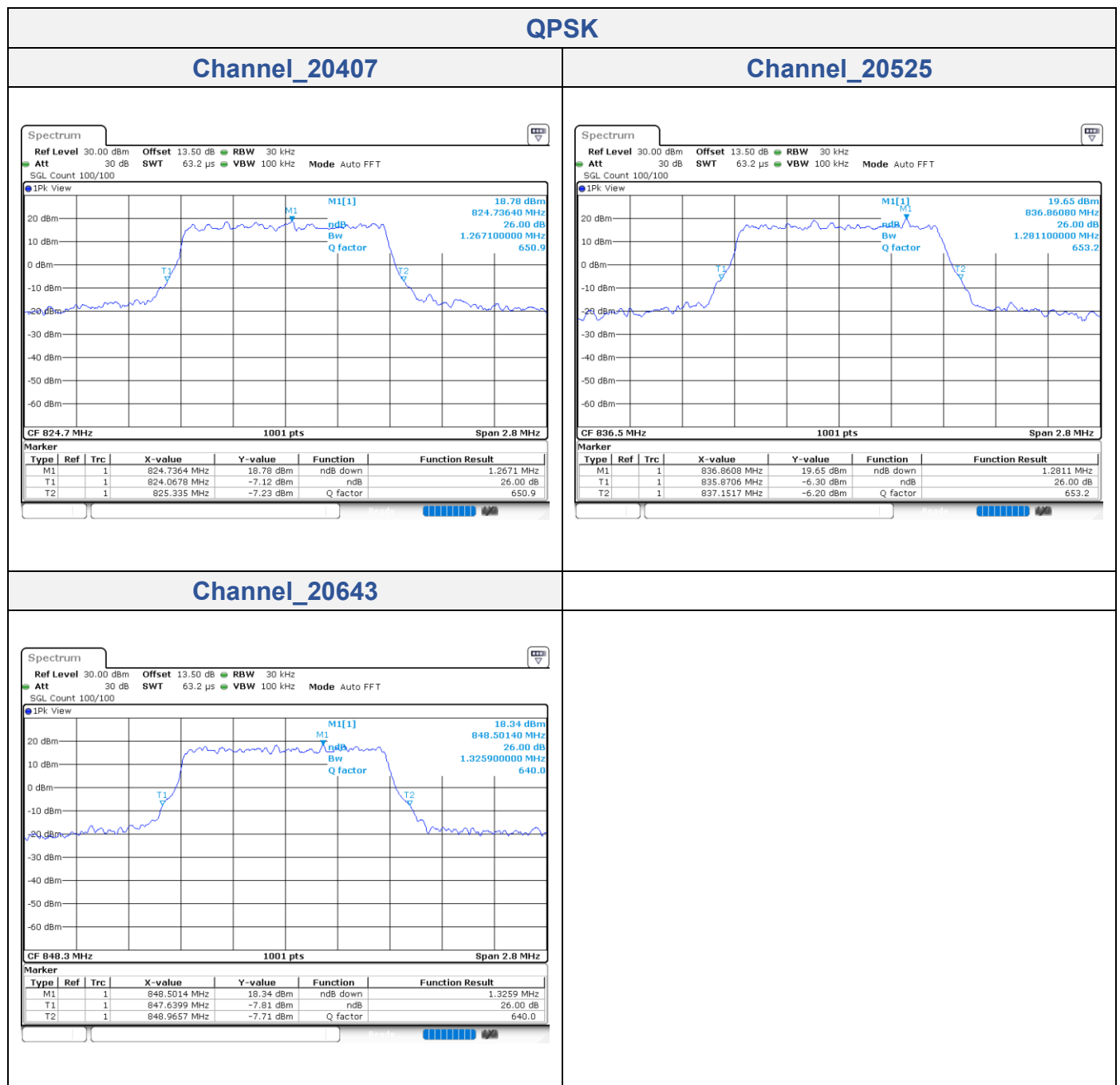
Channel	Frequency (MHz)	99 % Occupied Bandwidth (MHz)
		QPSK
20450	829.0	8.931
20525	836.5	8.931
20600	844.0	8.931



26 dB Bandwidth

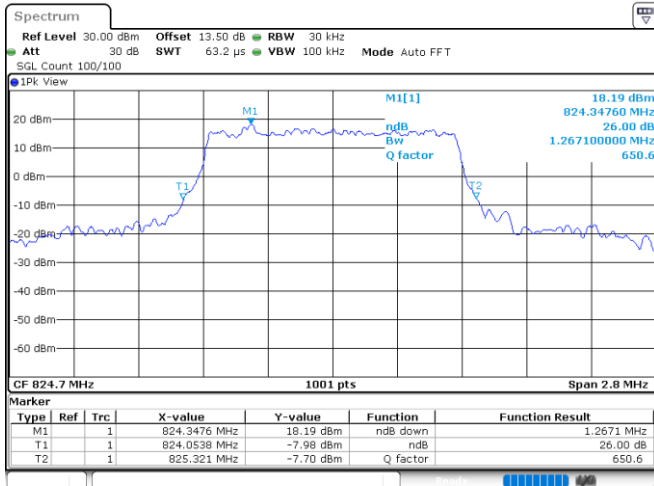
LTE Band 5 _ Channel Bandwidth: 1.4 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
20407	824.7	1.267	1.267
20525	836.5	1.281	1.290
20643	848.3	1.326	1.318

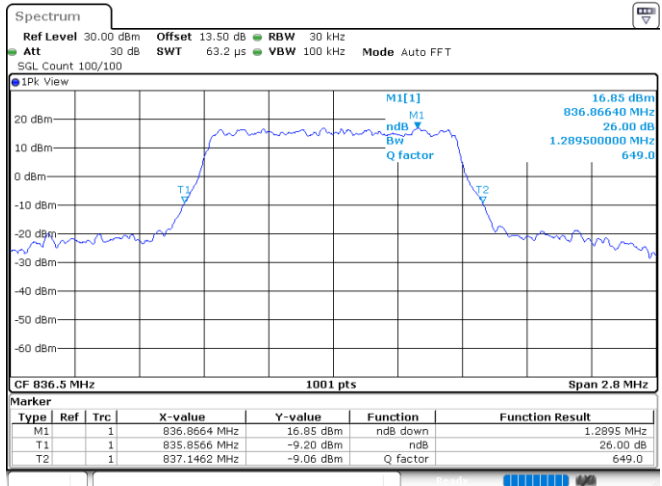


16QAM

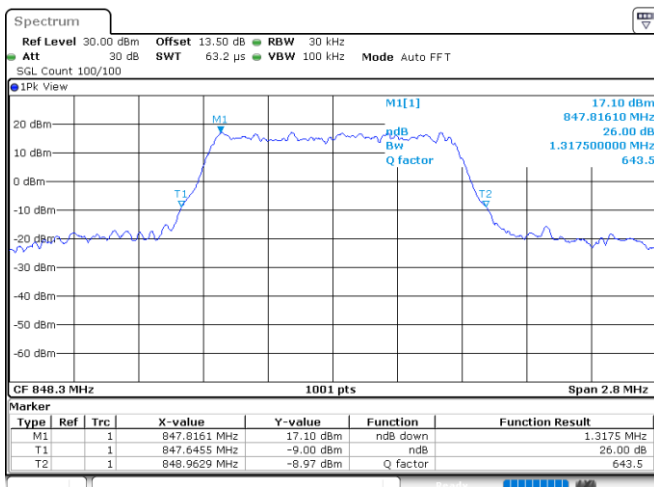
Channel_20407



Channel_20525

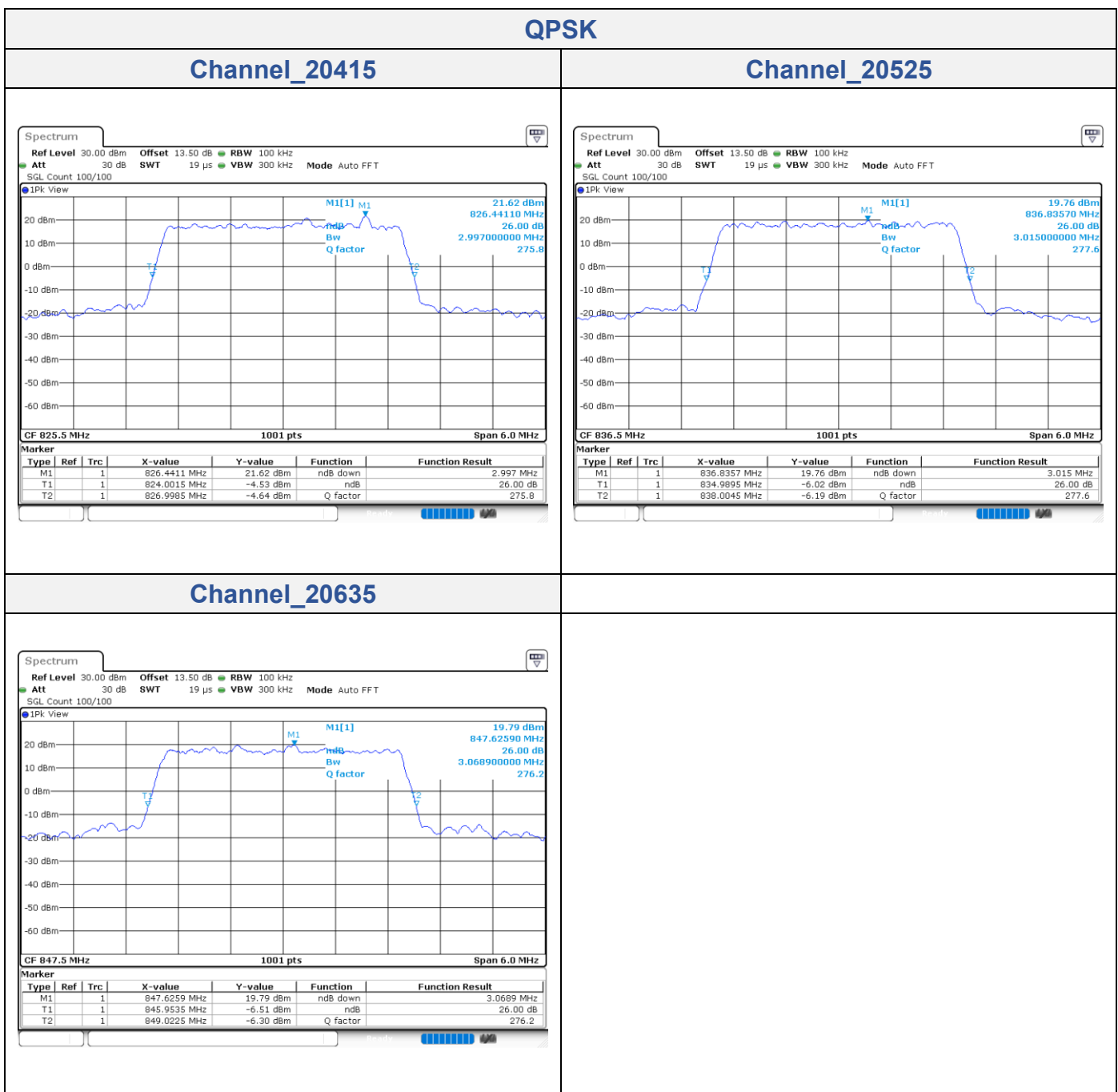


Channel_20643



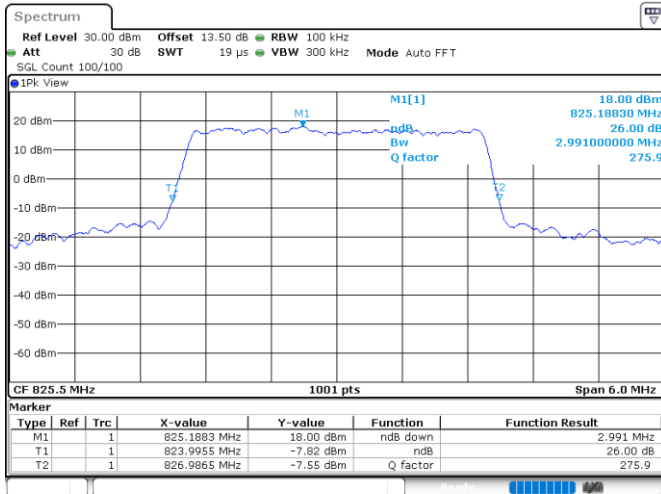
LTE Band 5 _ Channel Bandwidth: 3 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
20415	825.5	2.997	2.991
20525	836.5	3.015	2.949
20635	847.5	3.069	3.045

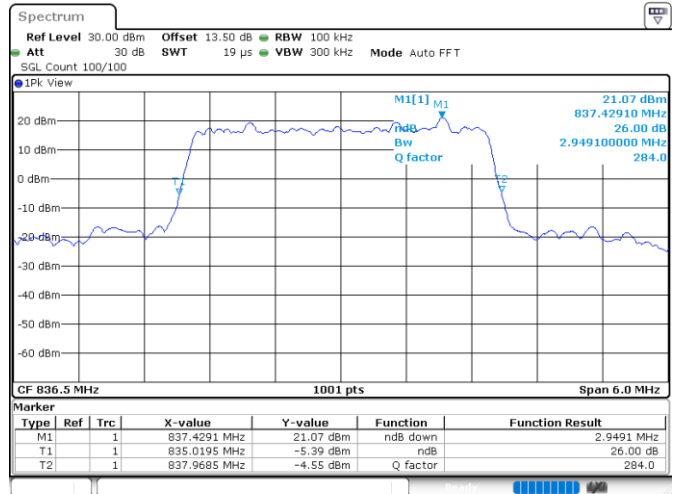


16QAM

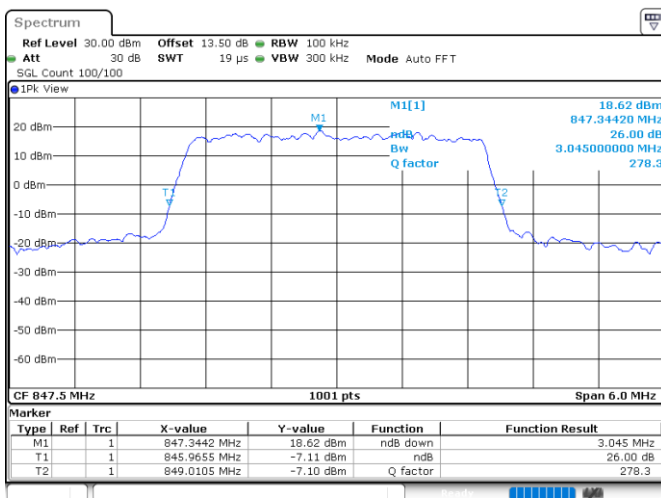
Channel_20415



Channel_20525

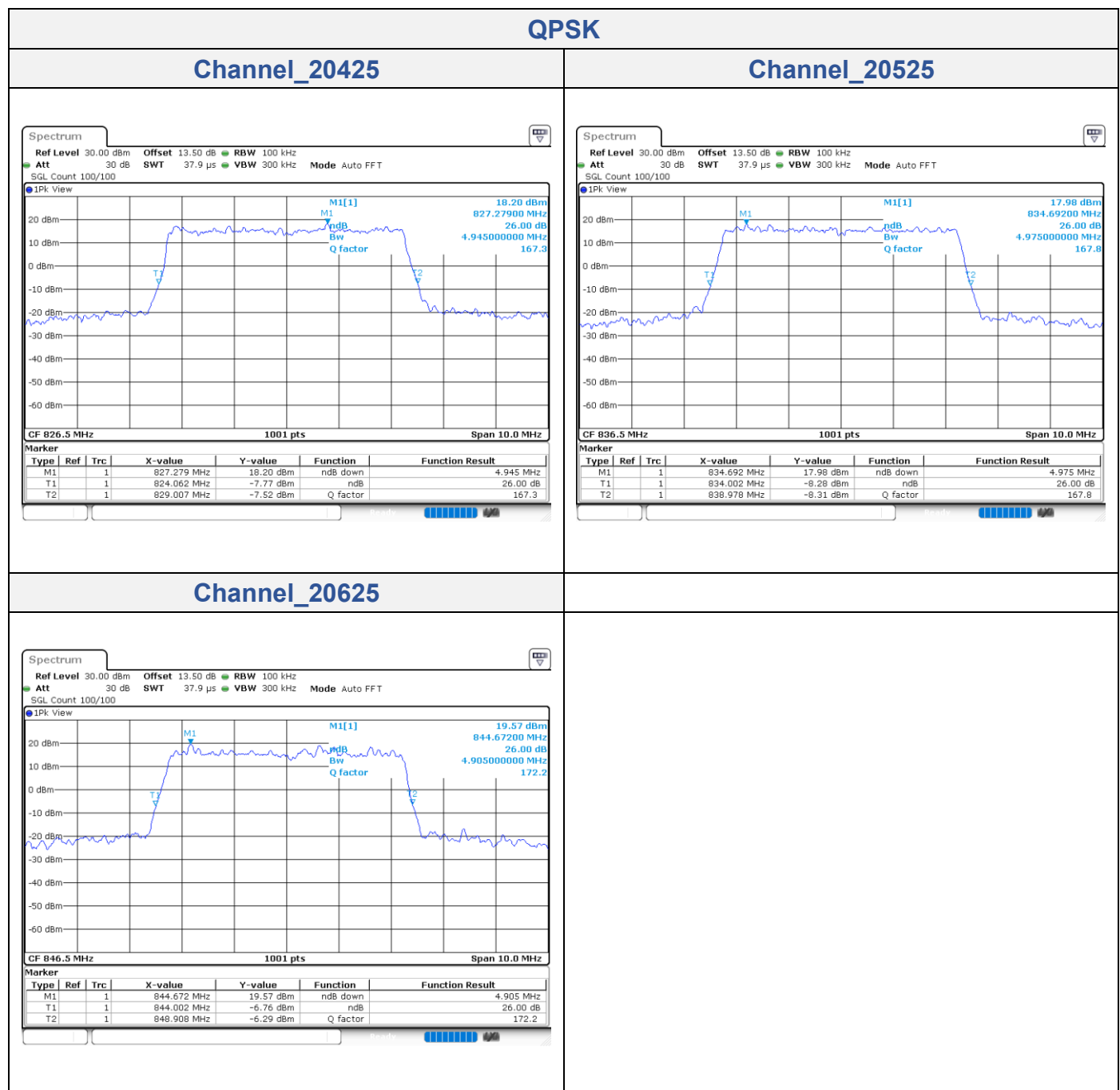


Channel_20635



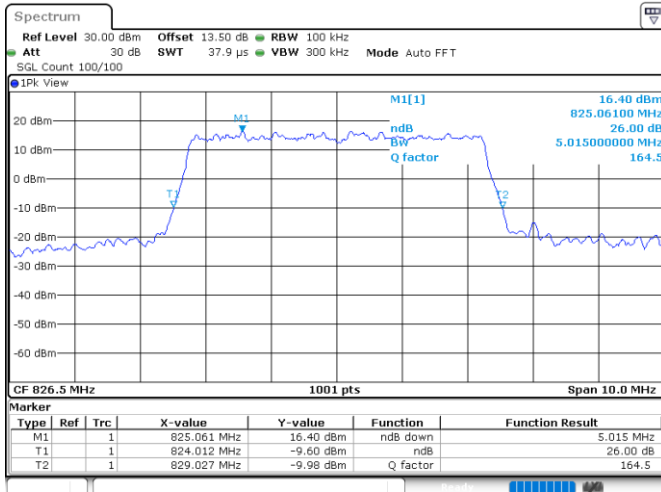
LTE Band 5 _ Channel Bandwidth: 5 MHz

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	
		QPSK	16QAM
20425	826.5	4.945	5.015
20525	836.5	4.975	4.835
20625	846.5	4.905	5.045

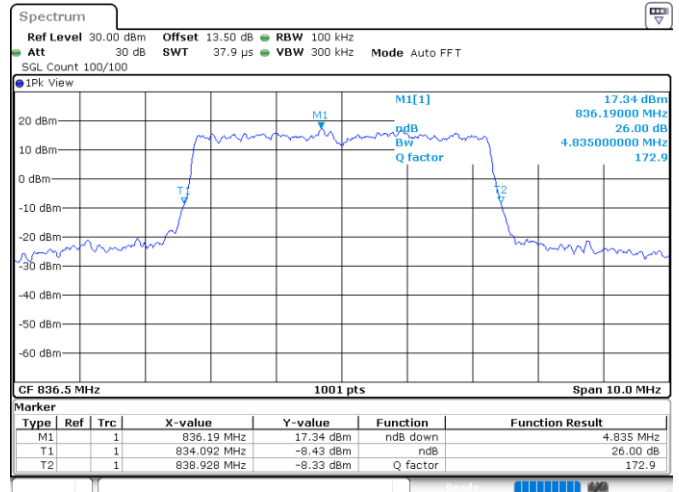


16QAM

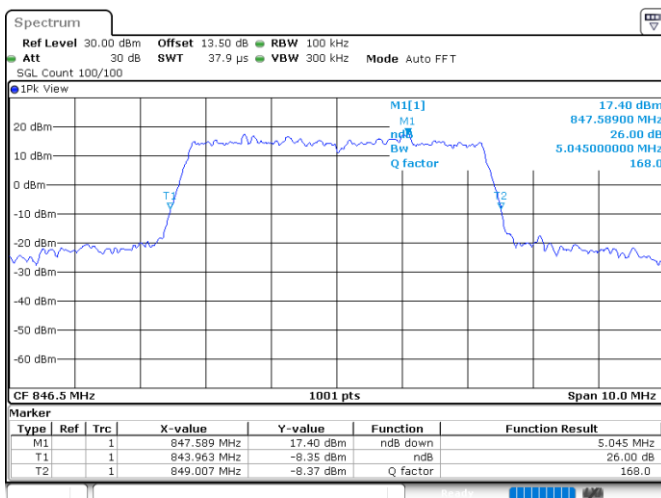
Channel_20425



Channel_20525

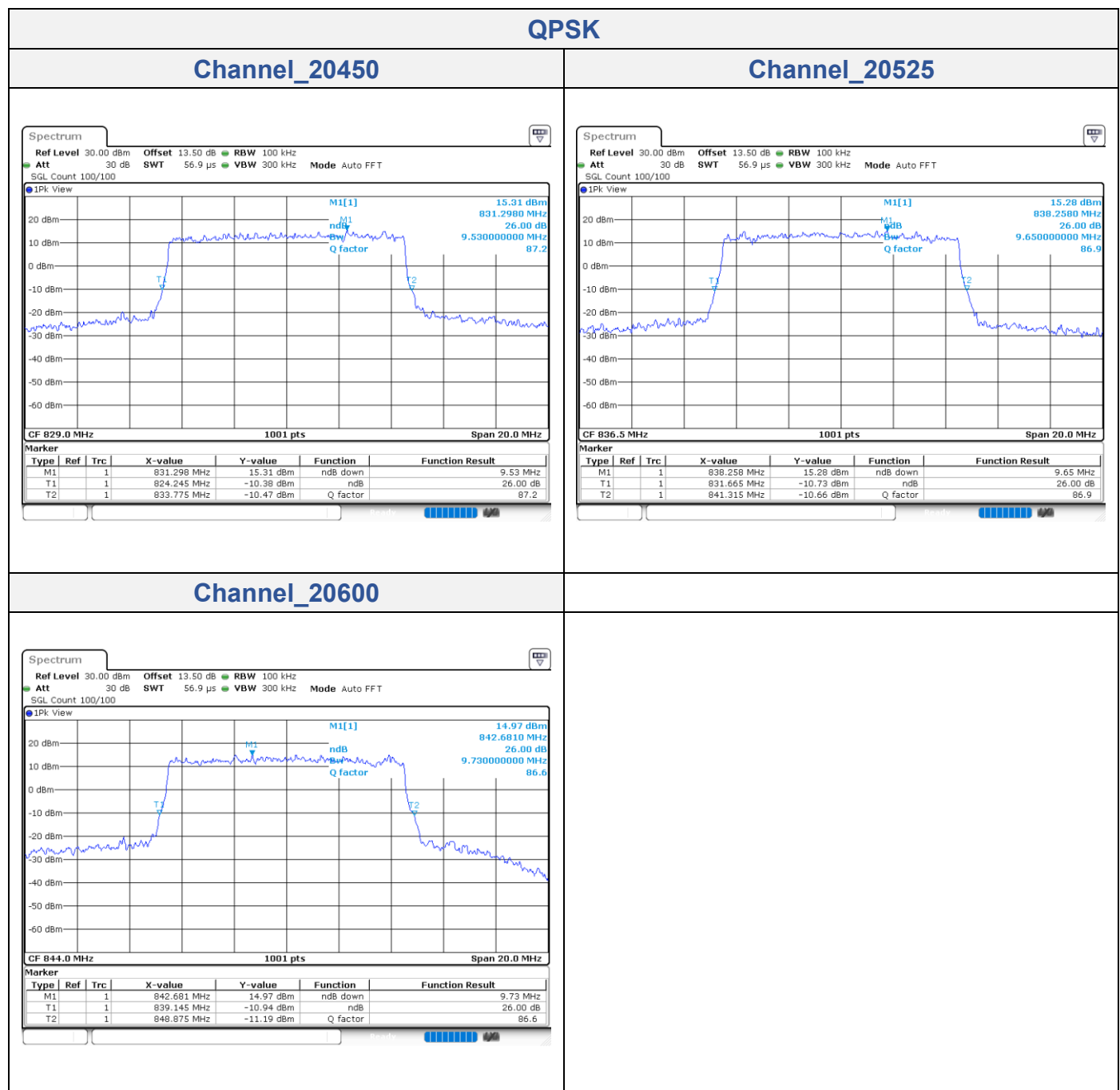


Channel_20625



LTE Band 5 _ Channel Bandwidth: 10 MHz

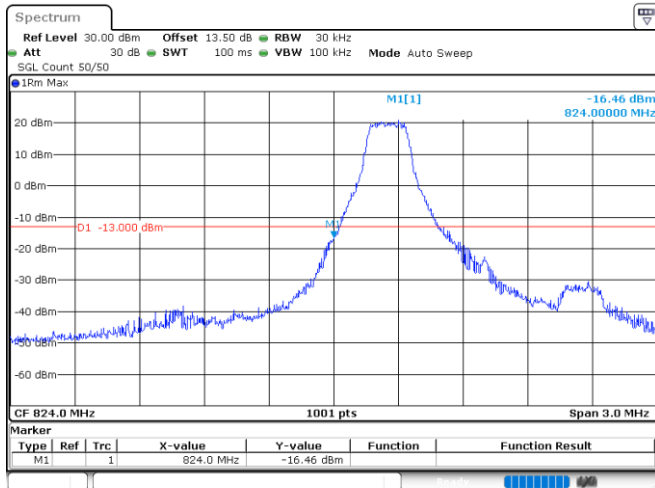
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)
		QPSK
20450	829.0	9.530
20525	836.5	9.650
20600	844.0	9.730



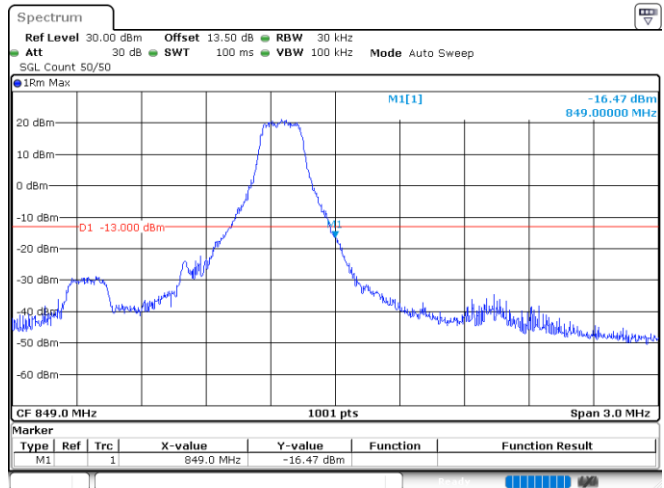
Conducted Band-Edge

LTE Band 5_QPSK_Channel Bandwidth: 1.4 MHz

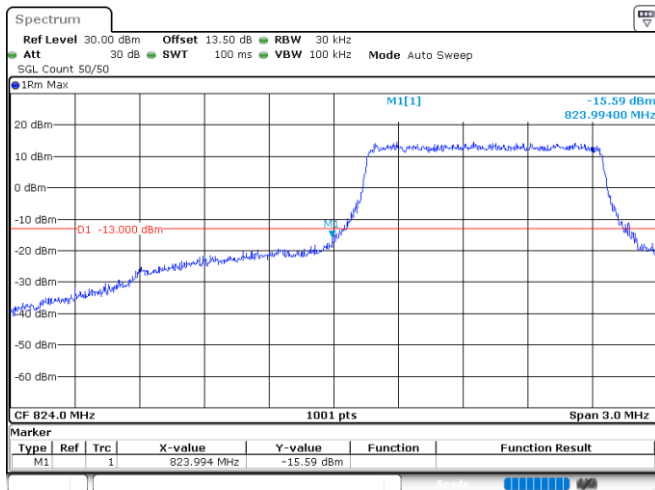
Channel_20407_1RB



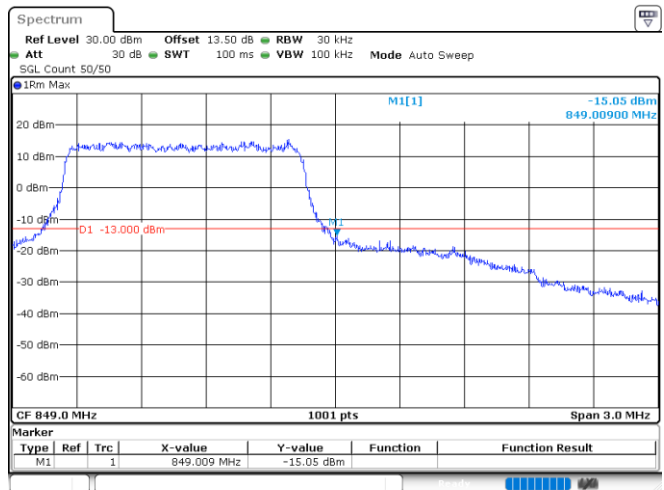
Channel_20643_1RB



Channel_20407_6RB

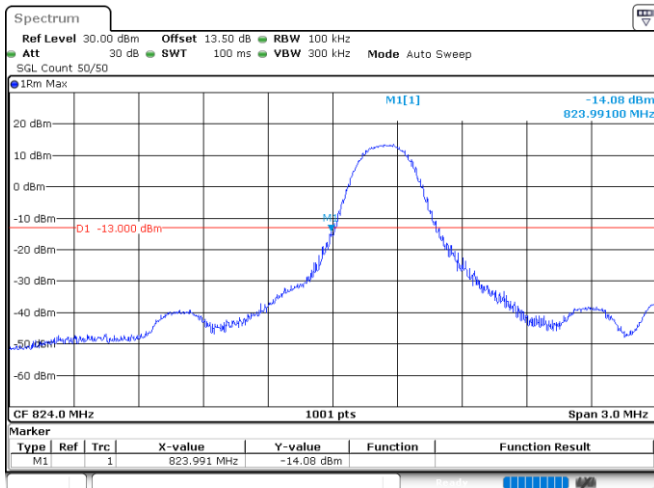


Channel_20643_6RB

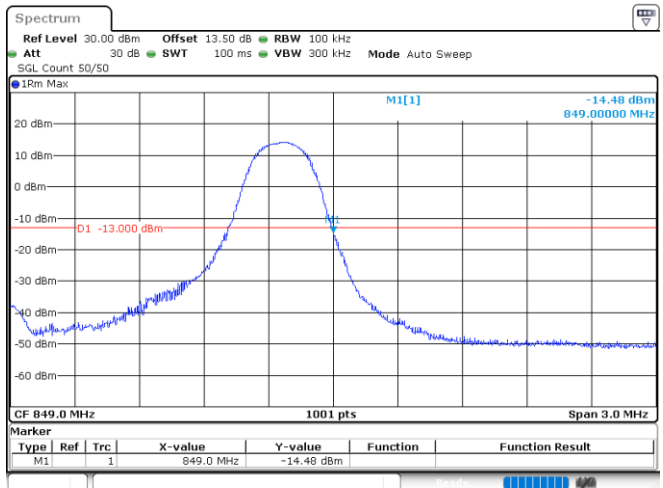


LTE Band 5_QPSK_Channel Bandwidth: 3 MHz

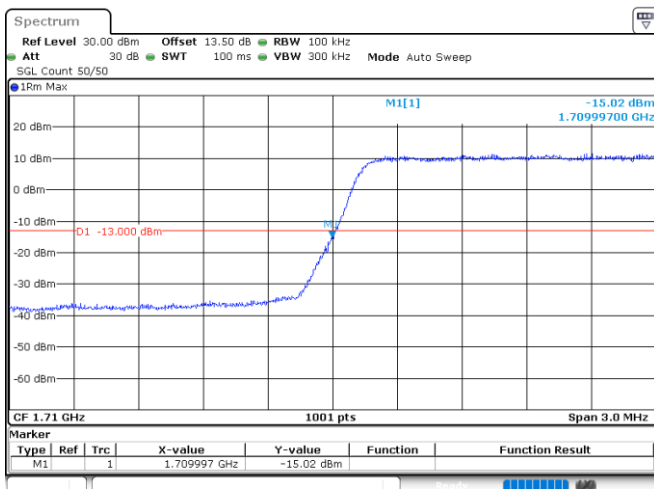
Channel_20415_1RB



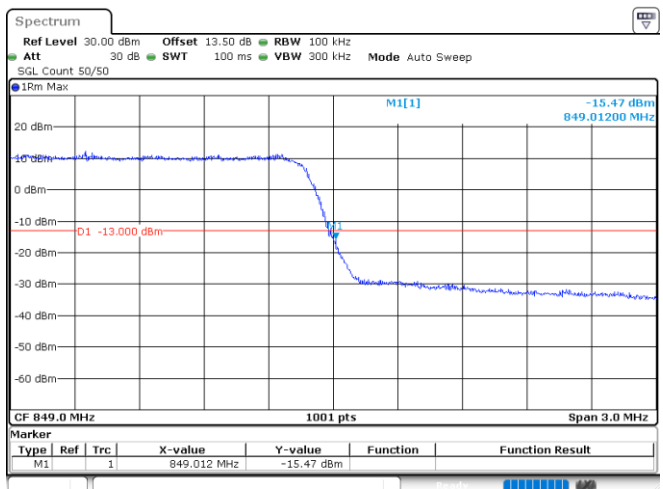
Channel_20635_1RB



Channel_20415_15RB

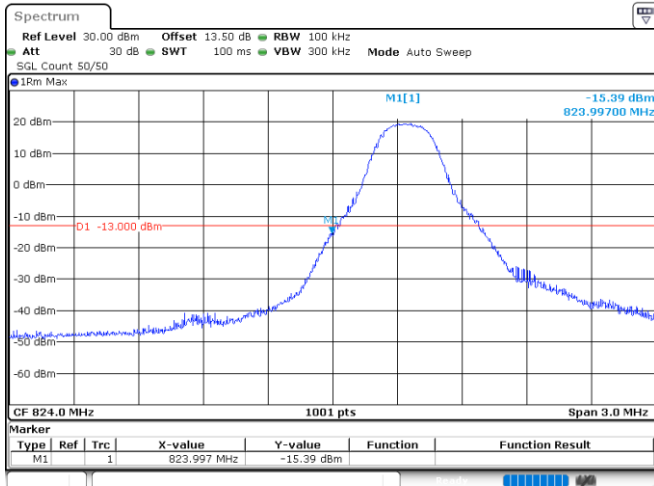


Channel_20635_15RB

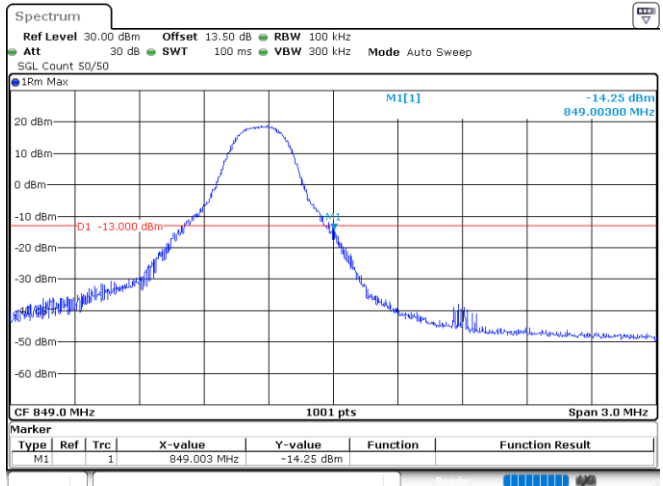


LTE Band 5_QPSK_Channel Bandwidth: 5 MHz

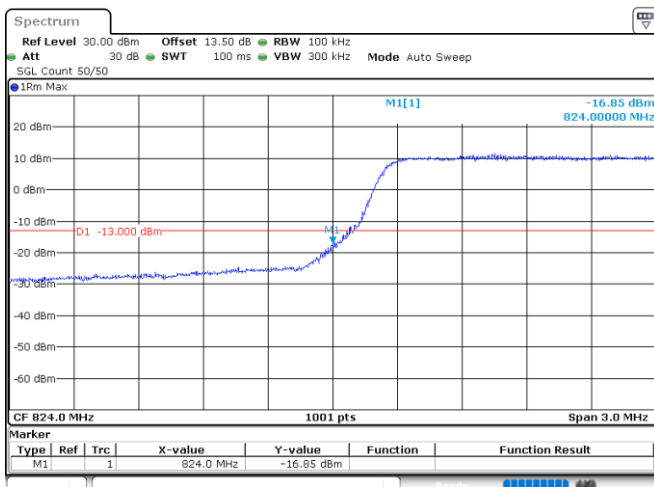
Channel_20425_1RB



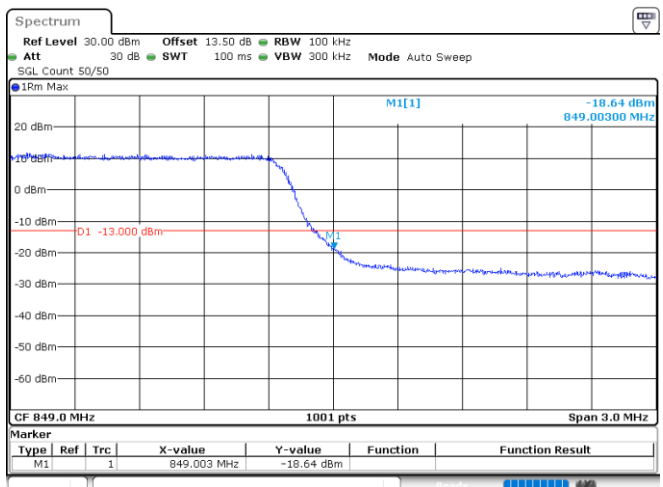
Channel_20625_1RB



Channel_20425_25RB

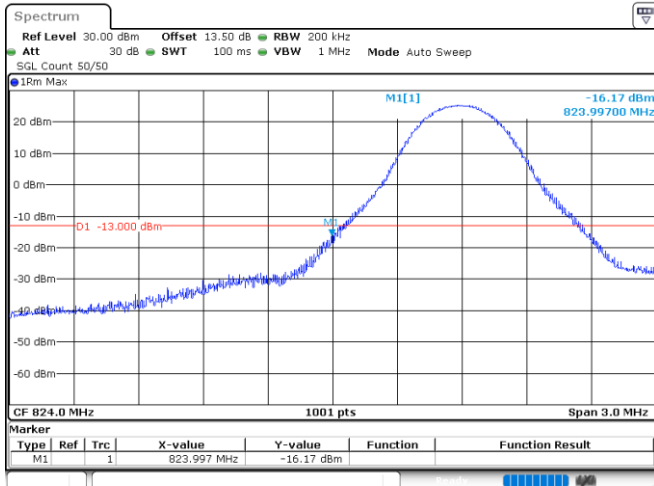


Channel_20625_25RB

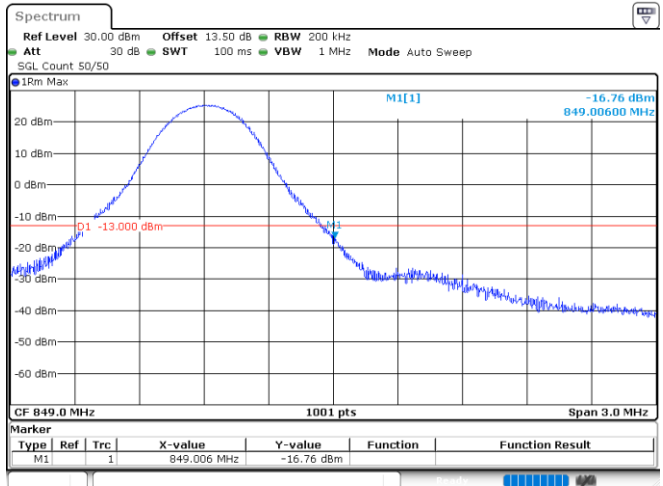


LTE Band 5_QPSK_Channel Bandwidth: 10 MHz

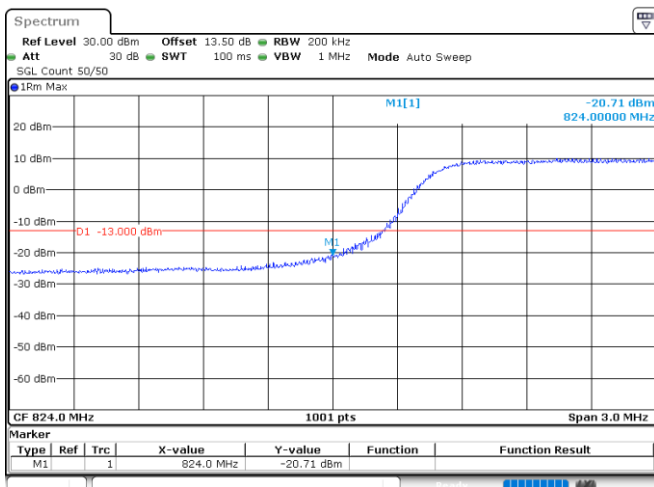
Channel_20450_1RB



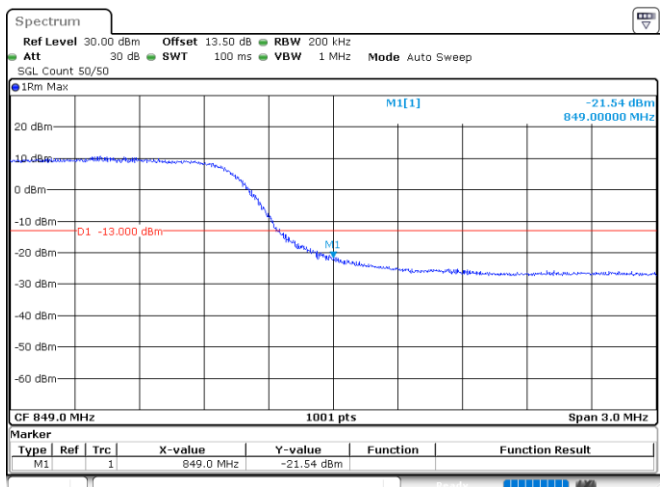
Channel_20600_1RB



Channel_20450_50RB



Channel_20600_50RB

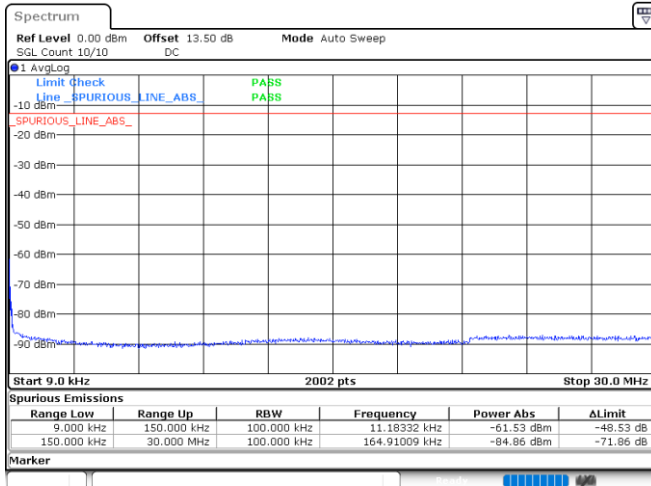


Conducted Spurious Emission

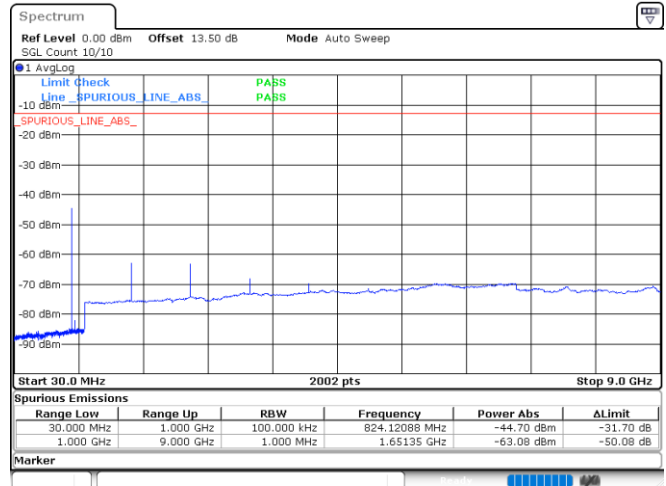
LTE Band 5 _ Channel Bandwidth 1.4 MHz

Channel 20497

Frequency Range: 9kHz ~ 30MHz

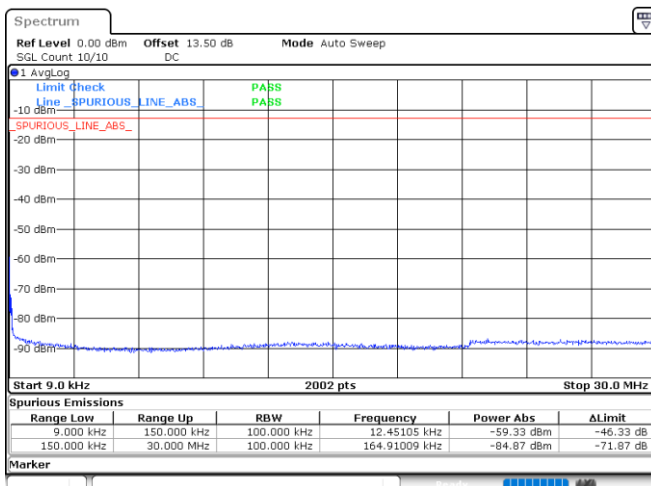


Frequency Range: 30MHz ~ 10th harmonic

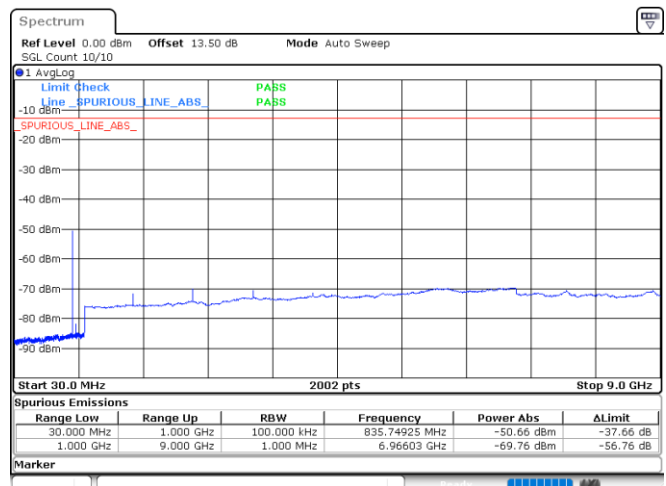


Channel 20525

Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 10th harmonic

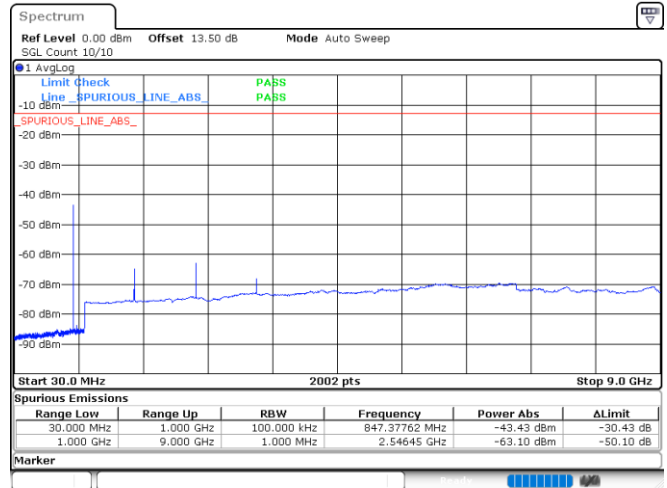
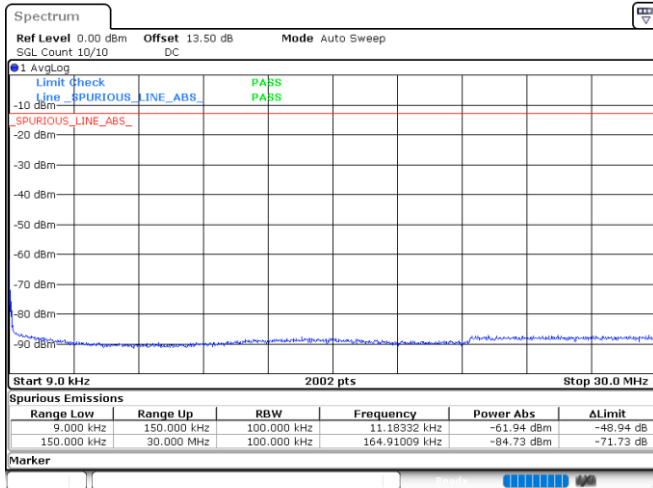


LTE Band 5 _ Channel Bandwidth 1.4 MHz

Channel 20643

Frequency Range: 9kHz ~ 30MHz

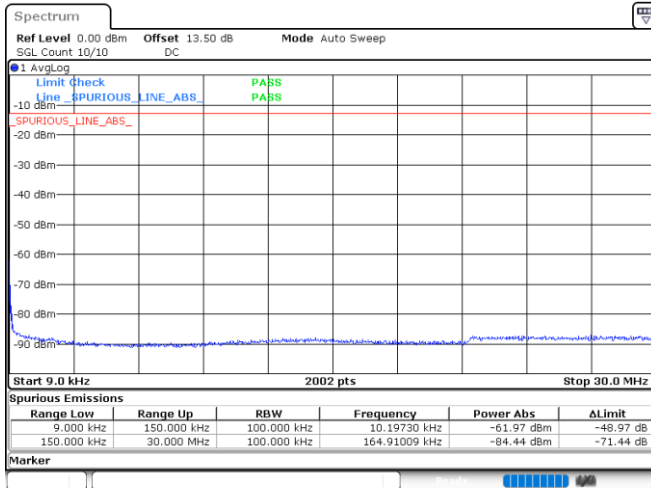
Frequency Range: 30MHz ~ 10th harmonic



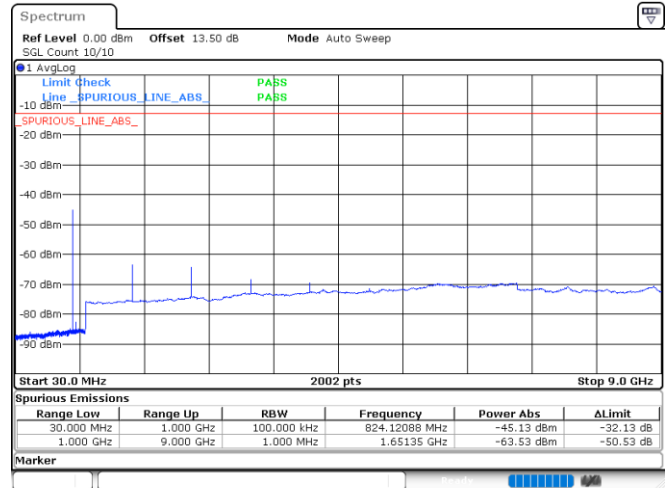
LTE Band 5 _ Channel Bandwidth 3 MHz

Channel 20415

Frequency Range: 9kHz ~ 30MHz

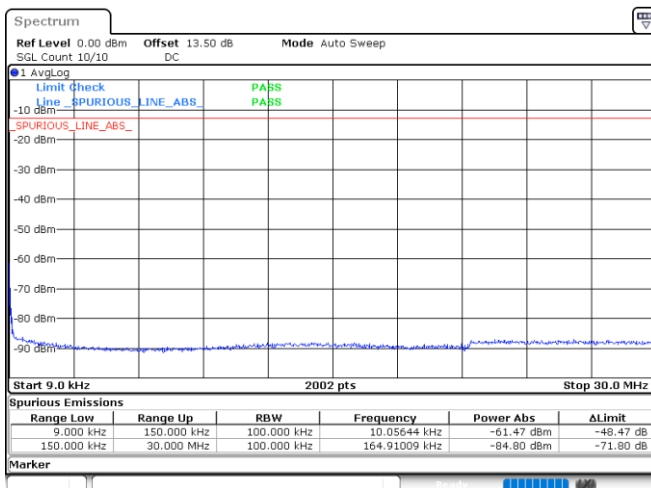


Frequency Range: 30MHz ~ 10th harmonic

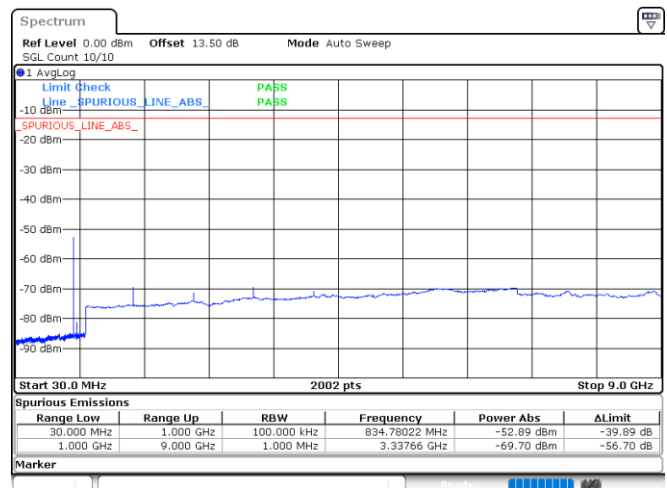


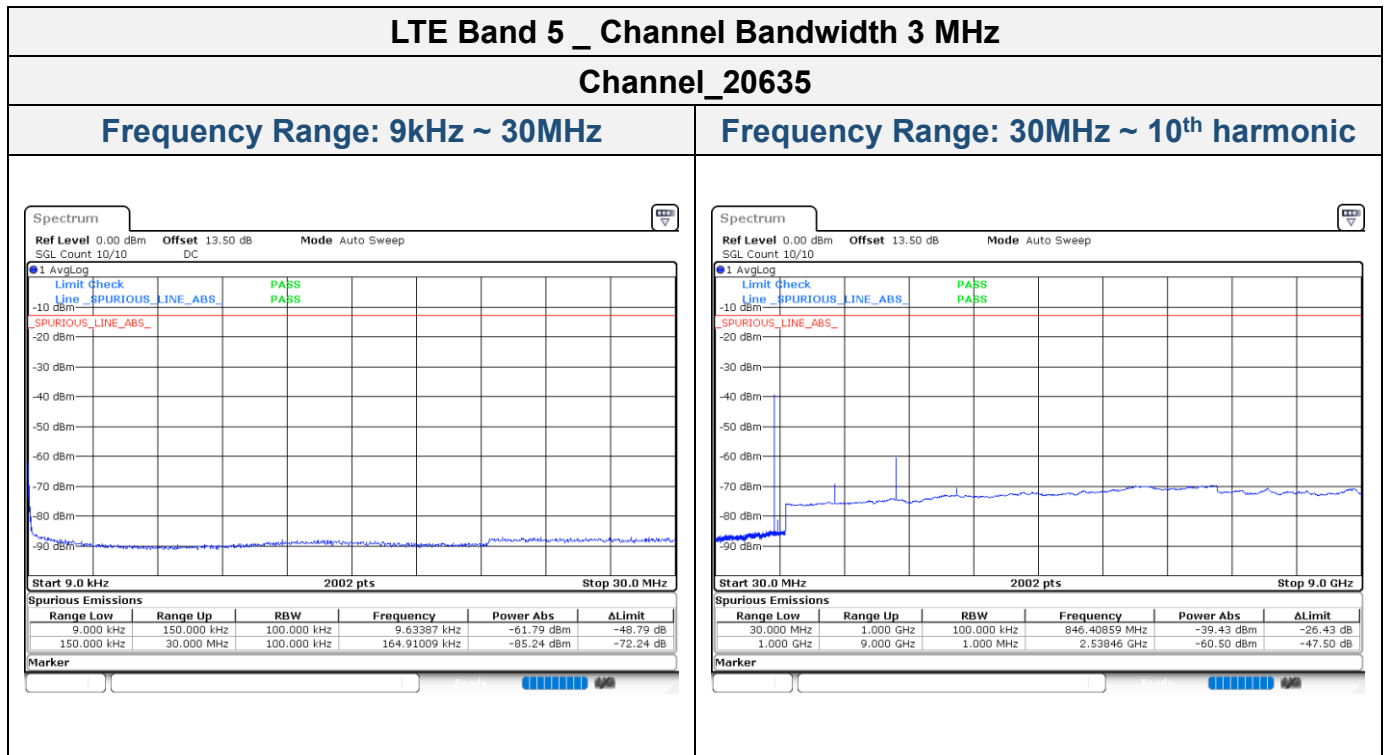
Channel 20525

Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 10th harmonic

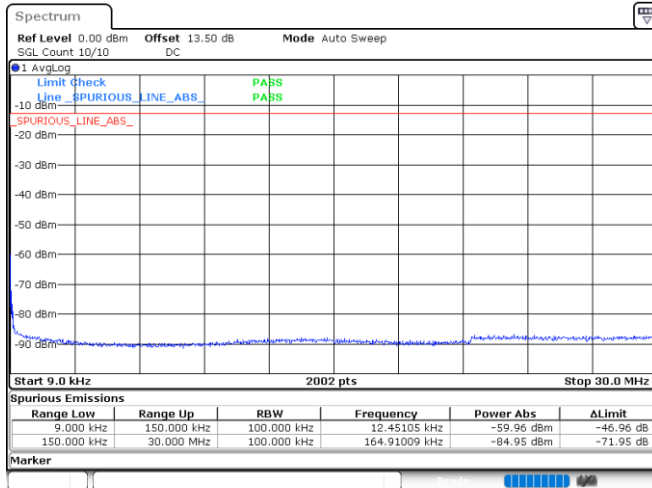




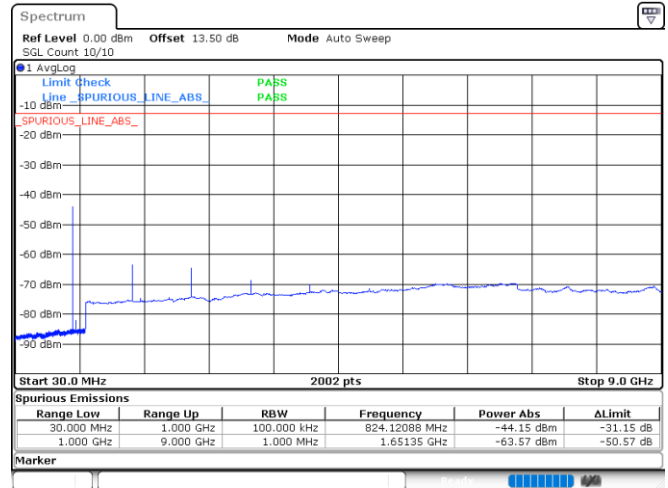
LTE Band 5 _ Channel Bandwidth 5 MHz

Channel 20425

Frequency Range: 9kHz ~ 30MHz

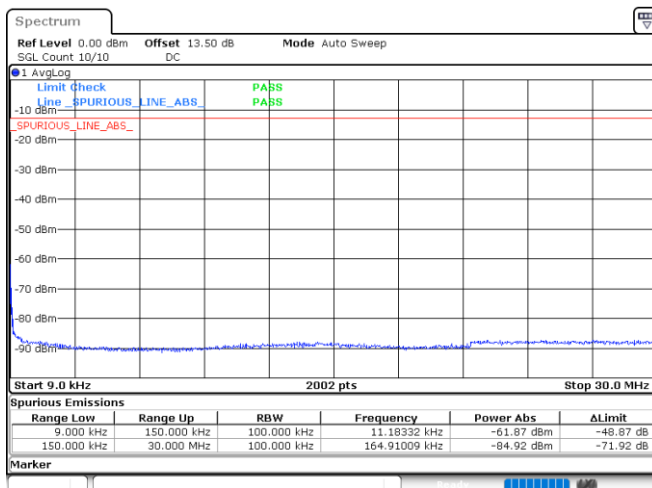


Frequency Range: 30MHz ~ 10th harmonic

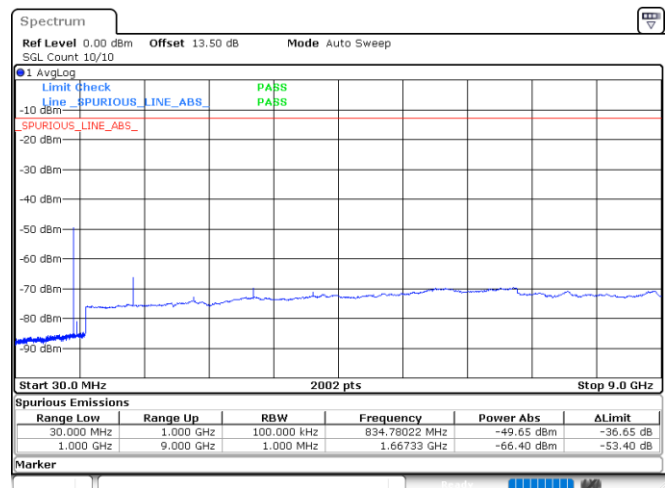


Channel 20525

Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 10th harmonic

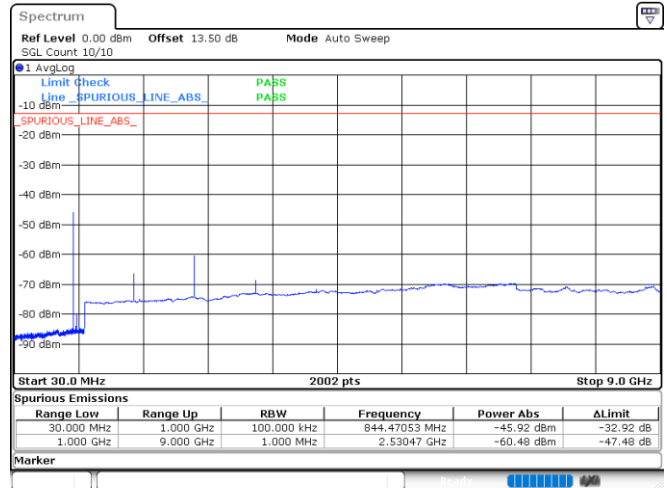
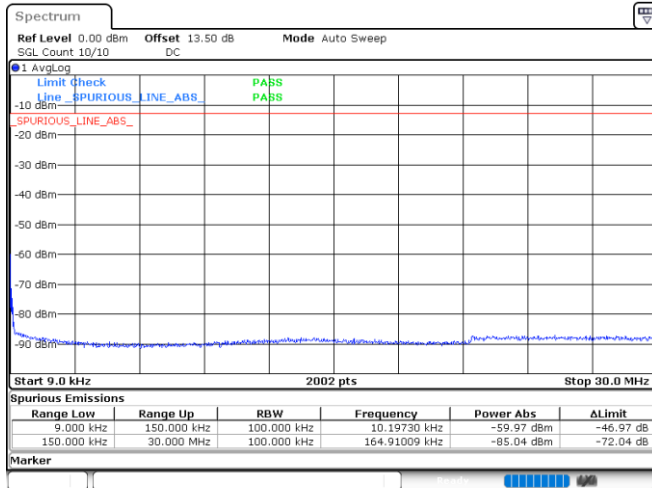


LTE Band 5 _ Channel Bandwidth 5 MHz

Channel 20625

Frequency Range: 9kHz ~ 30MHz

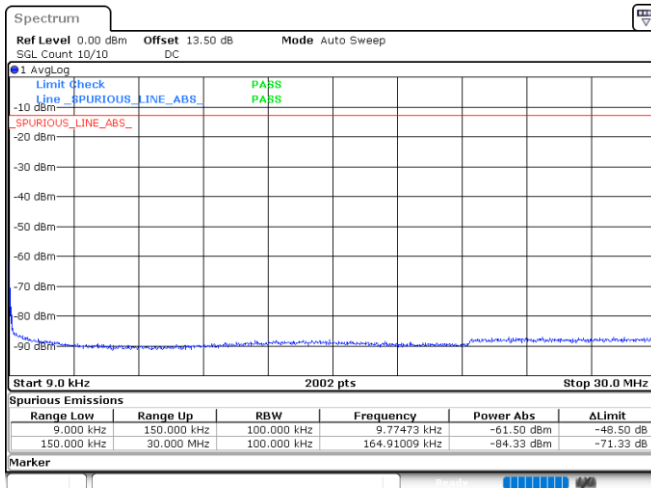
Frequency Range: 30MHz ~ 10th harmonic



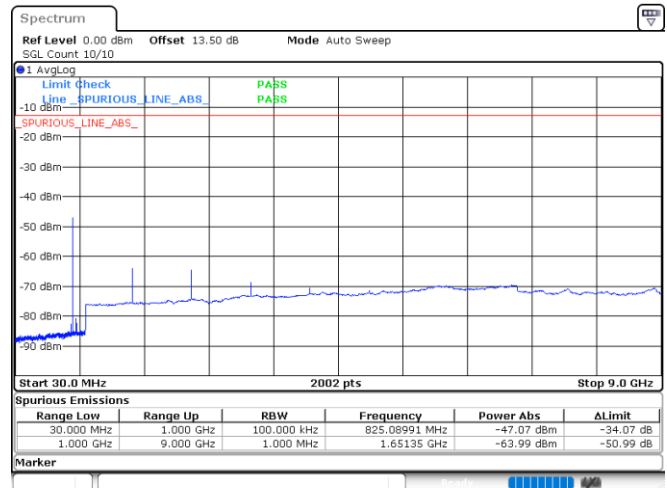
LTE Band 5 _ Channel Bandwidth 10 MHz

Channel 20450

Frequency Range: 9kHz ~ 30MHz

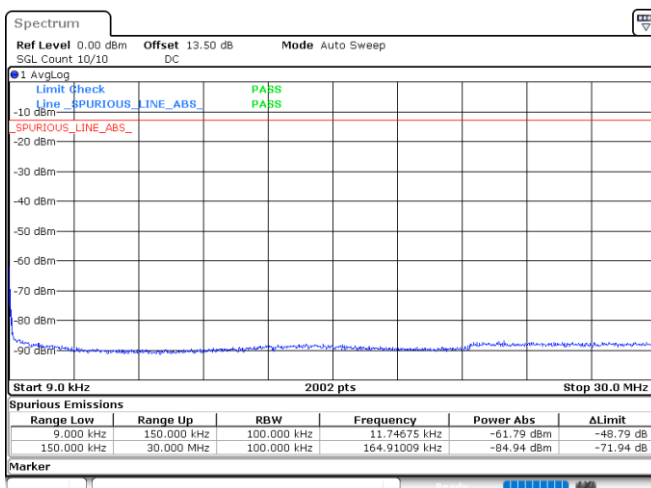


Frequency Range: 30MHz ~ 10th harmonic

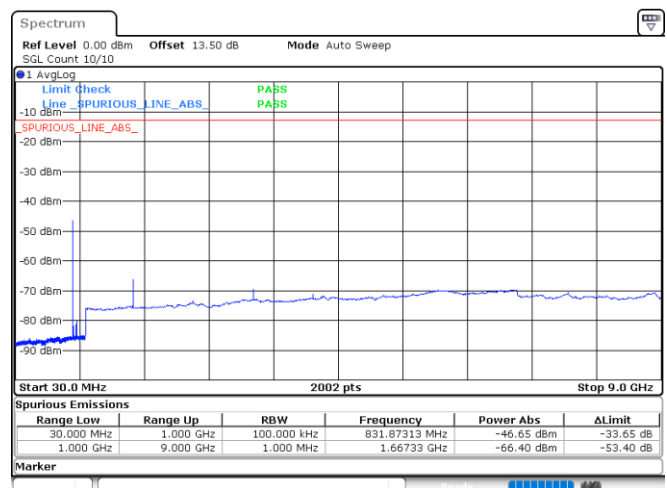


Channel 20525

Frequency Range: 9kHz ~ 30MHz



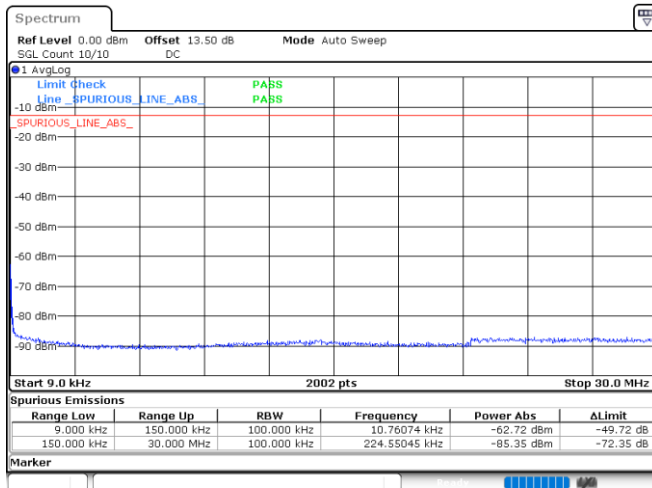
Frequency Range: 30MHz ~ 10th harmonic



LTE Band 5 _ Channel Bandwidth 10 MHz

Channel_20600

Frequency Range: 9kHz ~ 30MHz



Frequency Range: 30MHz ~ 10th harmonic

