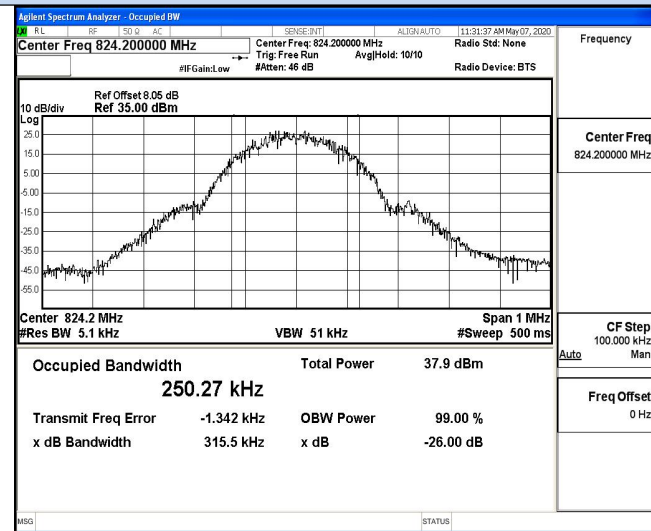
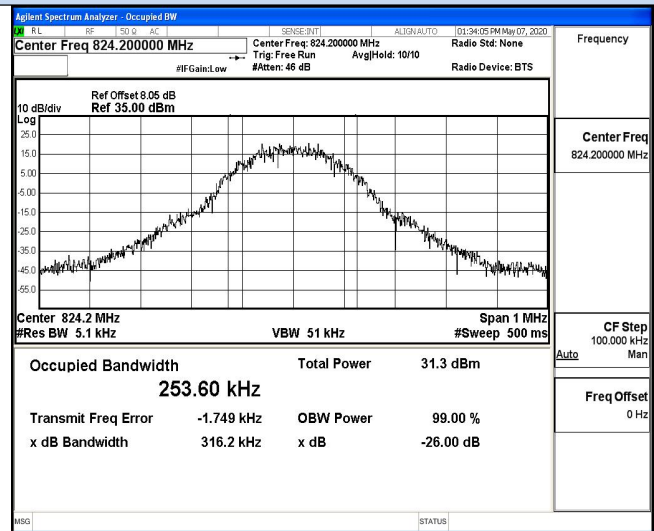


Occupied Bandwidth and Emission Bandwidth

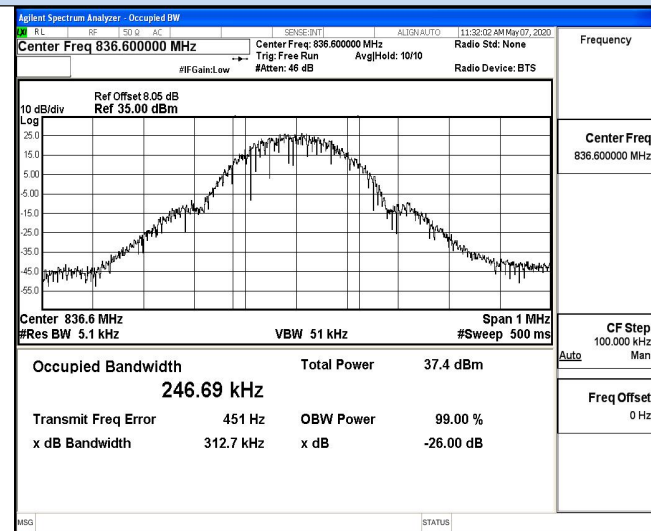
GSM/TM1/GSM850



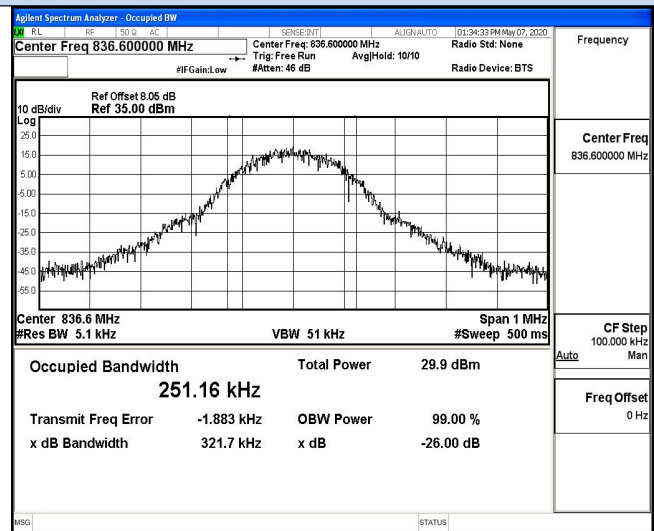
GSM/TM3/EDGE850



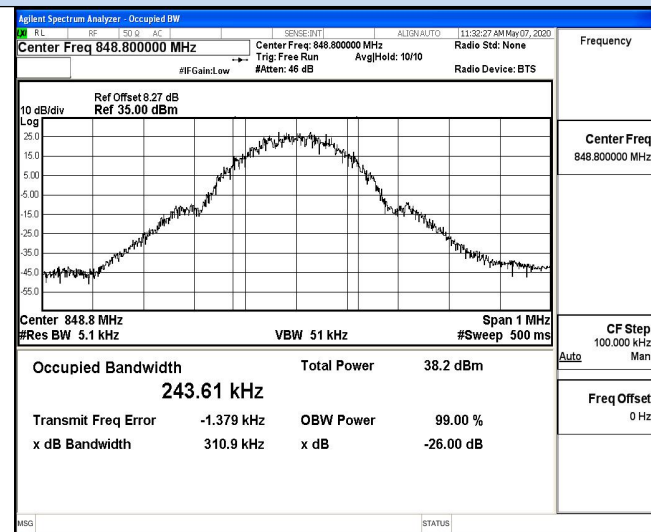
Channel 128 / 824.2 MHz



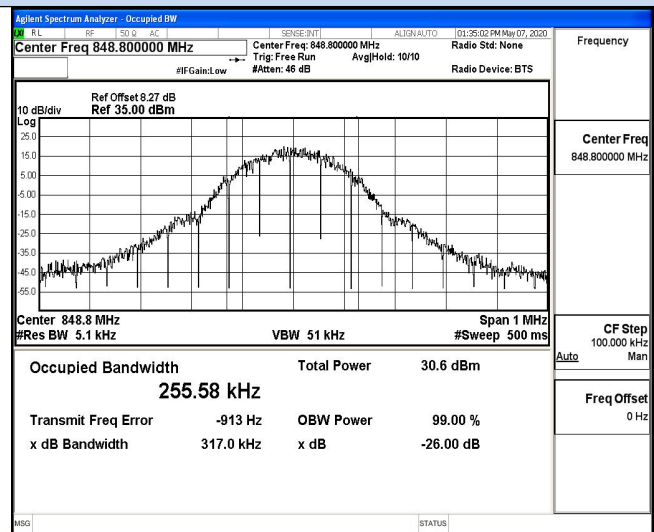
Channel 128 / 824.2 MHz



Channel 190 / 836.6 MHz



Channel 190 / 836.6 MHz

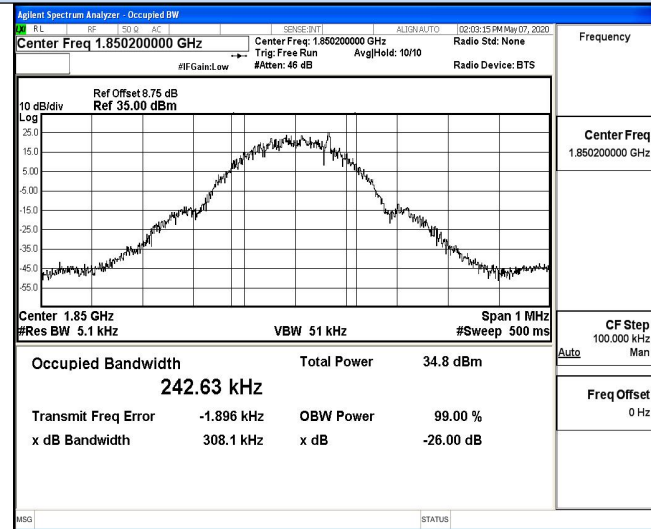


Channel 251 / 848.8 MHz

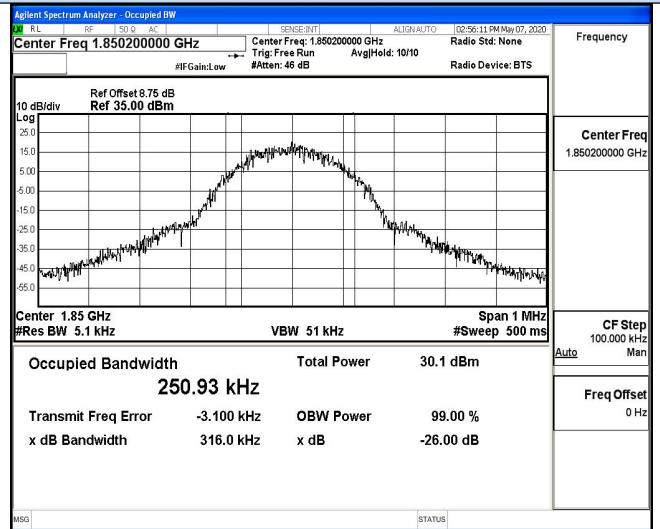
Channel 251 / 848.8 MHz

Occupied Bandwidth and Emission Bandwidth

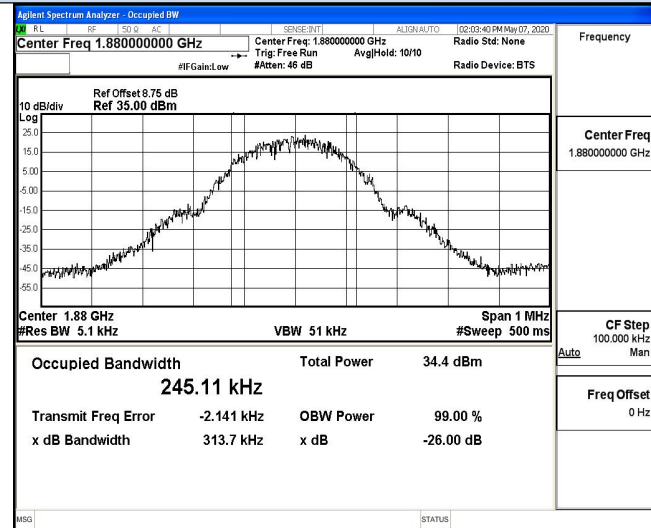
GSM/TM1/GSM1900



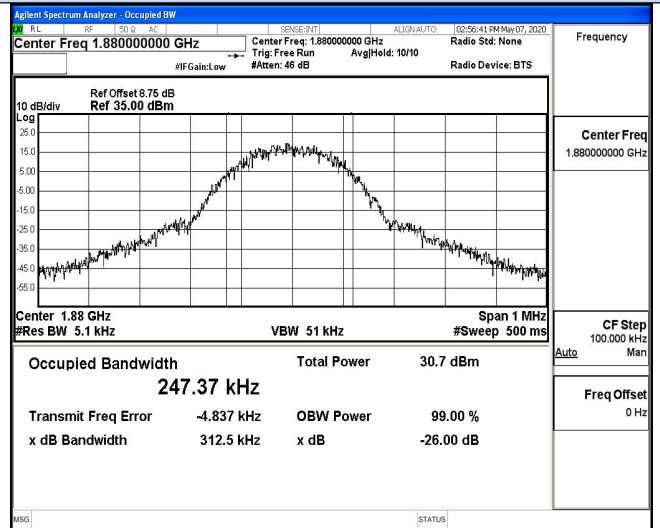
GSM/TM3/EDGE1900



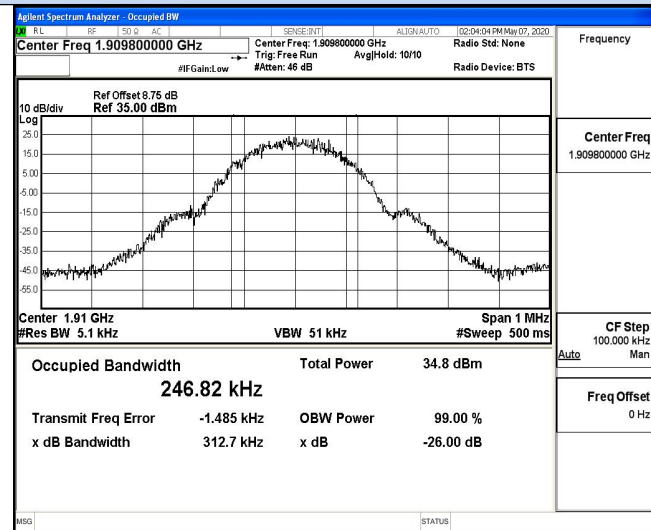
Channel 512 / 1850.2 MHz



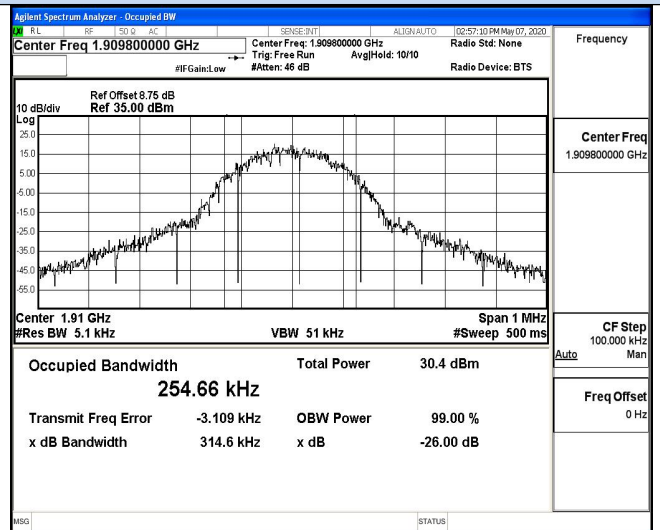
Channel 512 / 1850.2 MHz



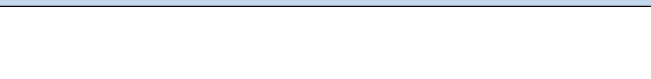
Channel 661 / 1880.0MHz



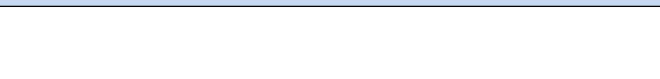
Channel 661 / 1880.0MHz



Channel 810 / 1909.8 MHz



Channel 810 / 1909.8 MHz

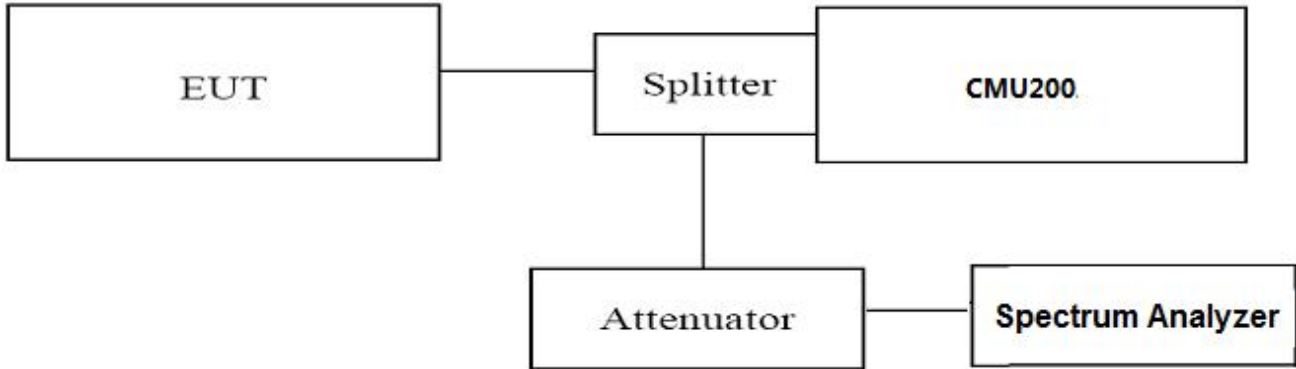


4.4 Band Edge Compliance

TEST APPLICABLE

During the process of testing, the EUT was controlled via Digital Radio Communication tester (CMU200) to ensure max power transmission and proper modulation.

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT was set up for the max output power with pseudo random data modulation;
2. The power was measured with Spectrum Analyzer N9020A;
3. Set RBW=5.1KHz,VBW=51KHz,Span=1MHz,SWT=Auto, Dector: RMS;
1. These measurements were done at 2 frequencies, 1850.20 MHz and 1909.80 MHz for PCS1900 band; 824.20 MHz and 848.80 MHz for GSM850 band. (bottom and top of operational frequency range).

TEST RESULTS

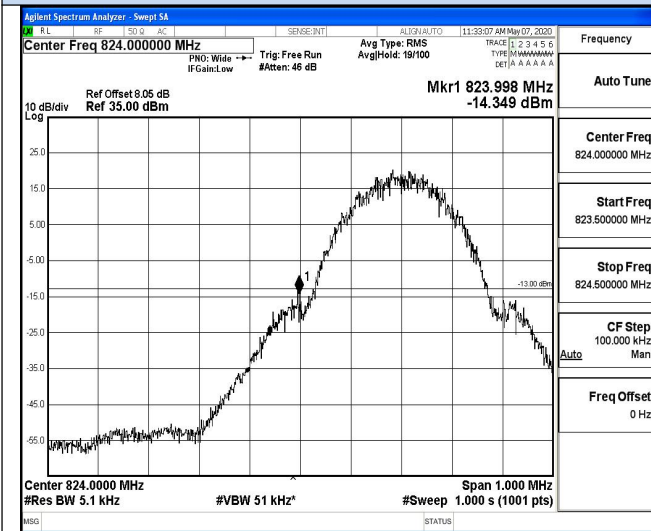
Test Mode	Channel	Frequency (MHz)	Band Edge Compliance (dBm)	Limits (dBm)	Verdict
GSM/TM1/GSM850	128	824.2	<-13dBm	-13dBm	PASS
	251	848.8	<-13dBm	-13dBm	
GSM/TM3/EDGE850	128	824.2	<-13dBm	-13dBm	PASS
	251	848.8	<-13dBm	-13dBm	
GSM/TM1/GSM1900	512	1850.2	<-13dBm	-13dBm	PASS
	810	1909.8	<-13dBm	-13dBm	
GSM/TM3/EDGE1900	512	1850.2	<-13dBm	-13dBm	PASS
	810	1909.8	<-13dBm	-13dBm	

Remark:

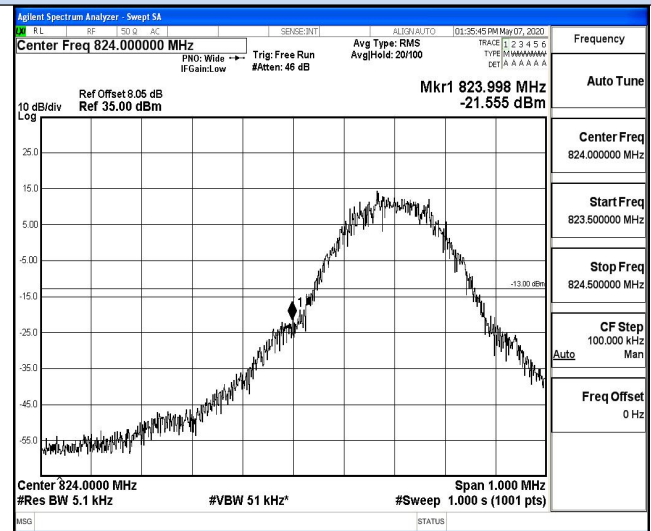
1. Test results including cable loss;
2. Please refer to following plots;

Band-edge Compliance

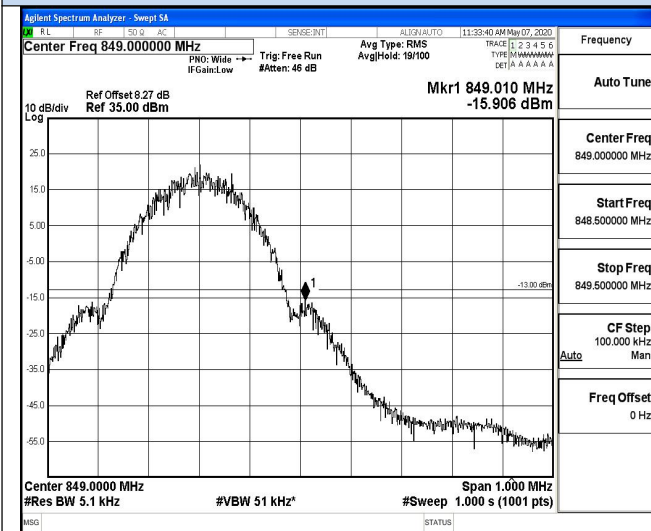
GSM/TM1/GSM850



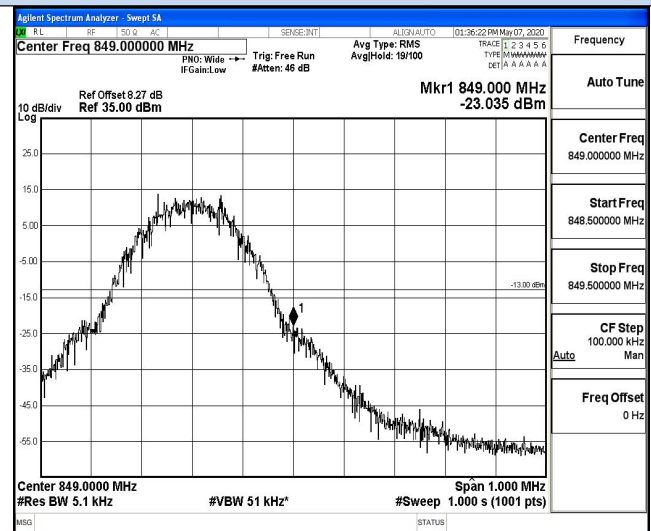
GSM/TM3/EDGE850



Channel 128 / 824.2 MHz



Channel 128 / 824.2 MHz

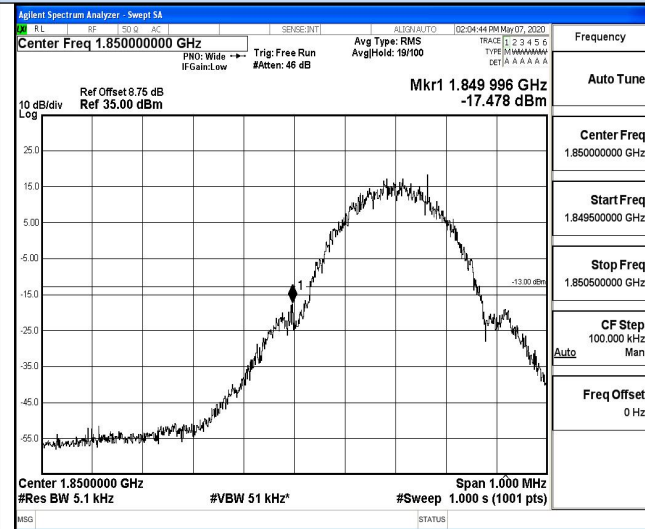


Channel 251 / 848.8 MHz

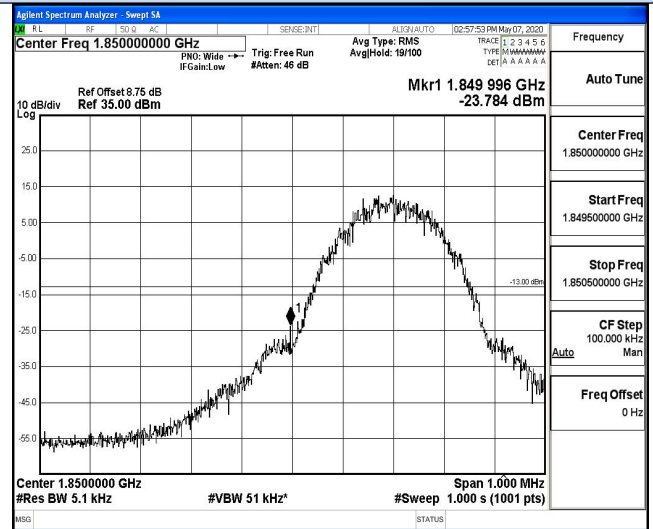
Channel 251 / 848.8 MHz

Band-edge Compliance

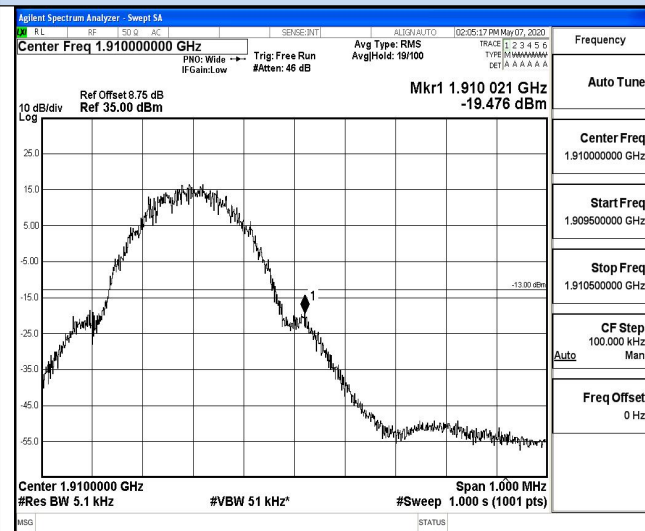
GSM/TM1/GSM1900



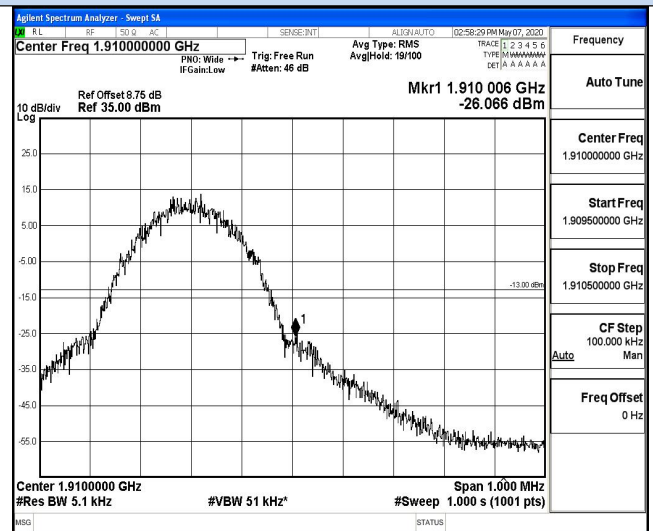
GSM/TM3/EDGE1900



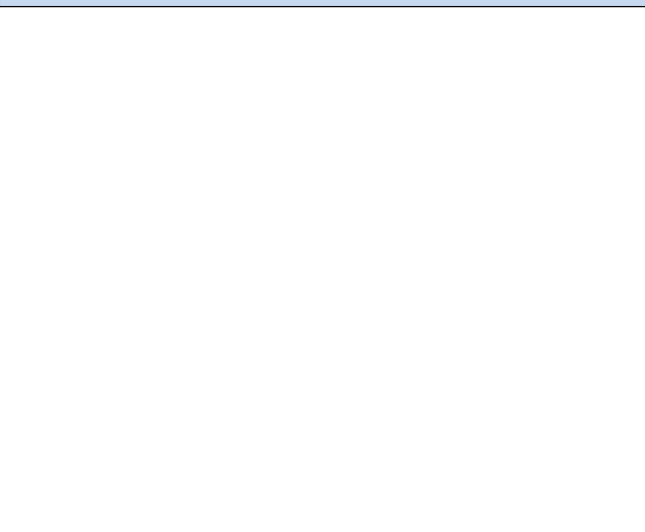
Channel 512 / 1850.2 MHz



Channel 512 / 1850.2 MHz



Channel 810 / 1909.8 MHz



Channel 810 / 1909.8 MHz

