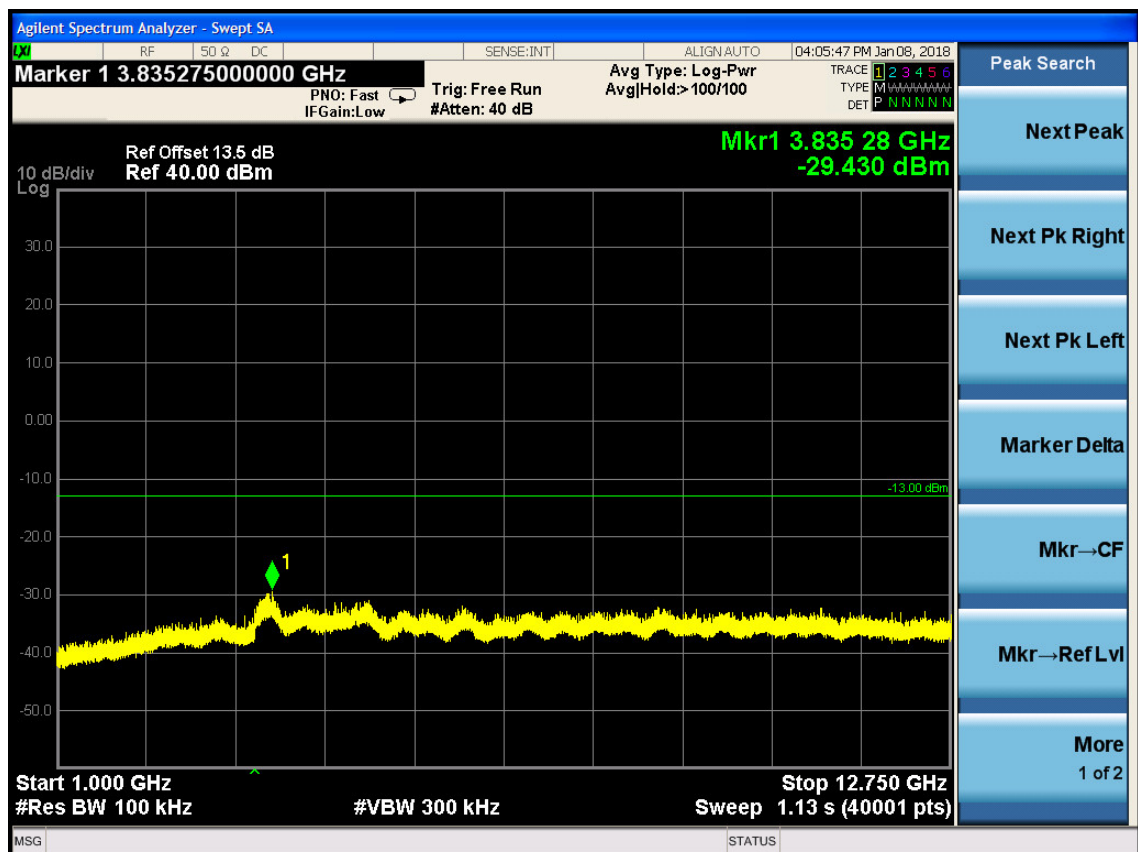
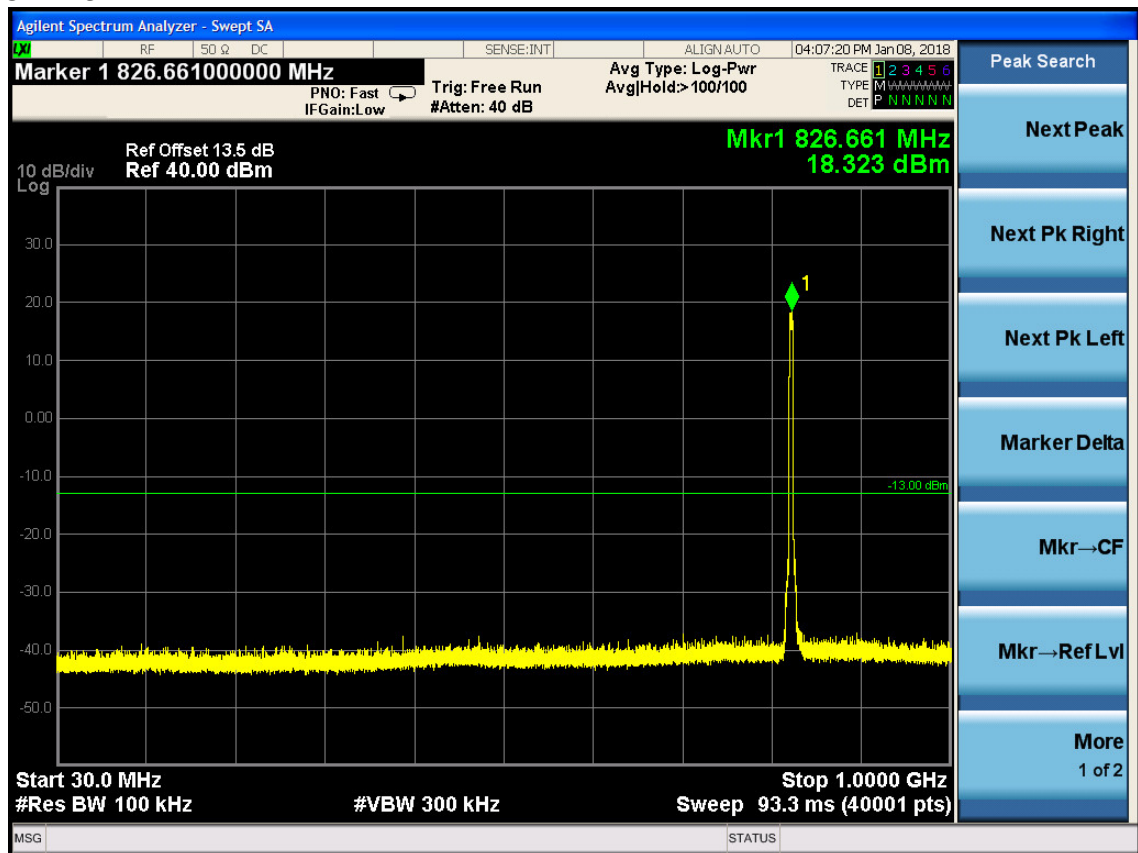
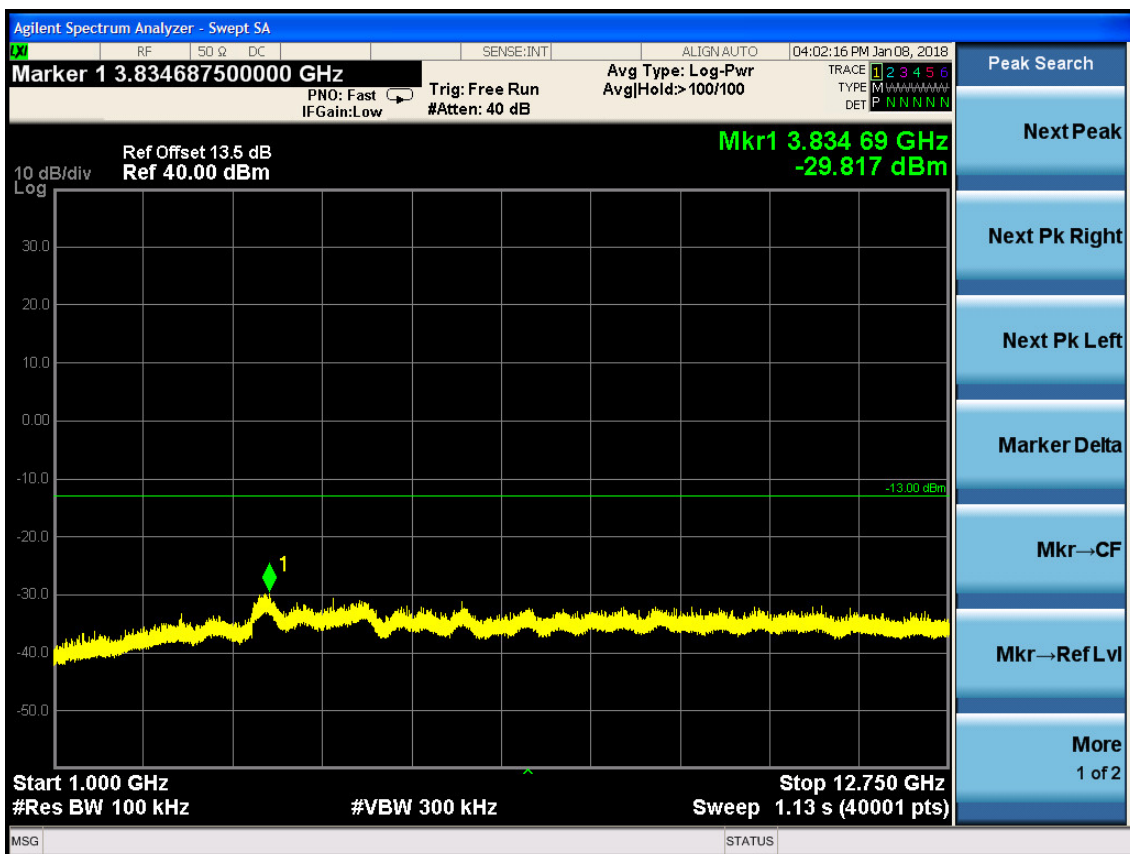
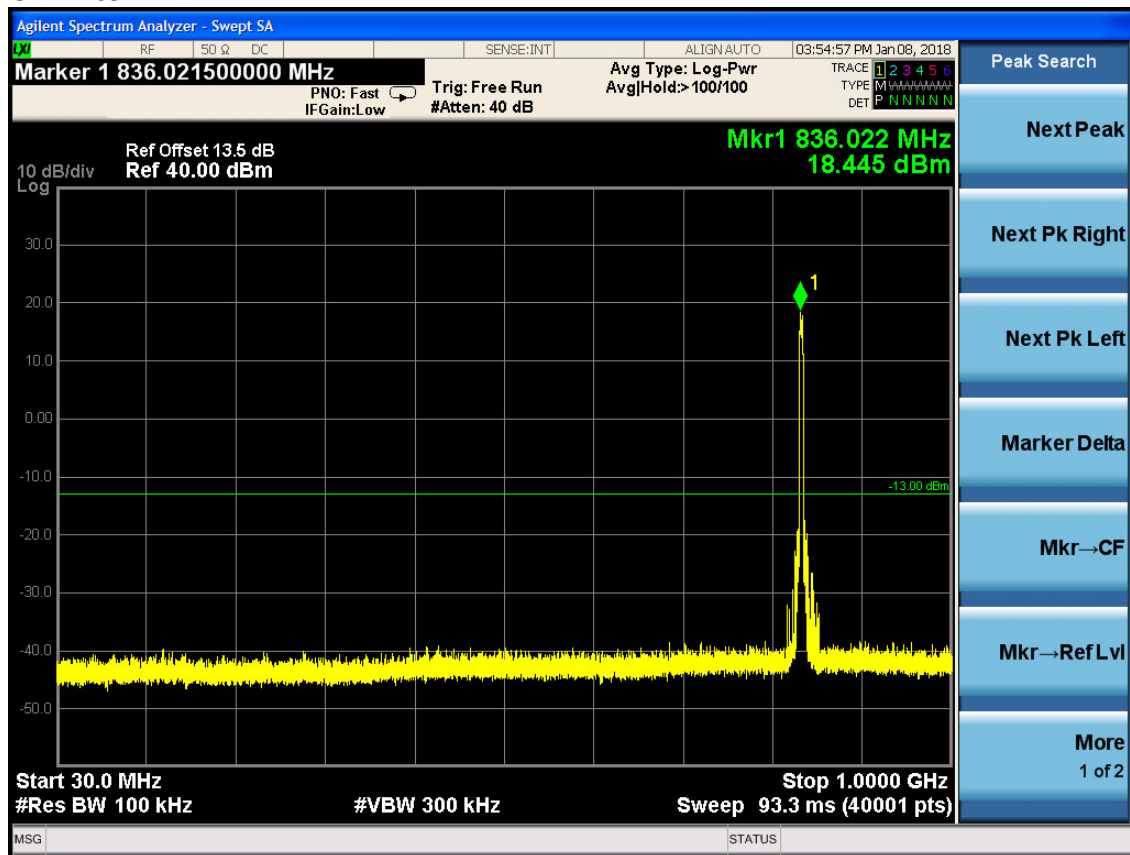


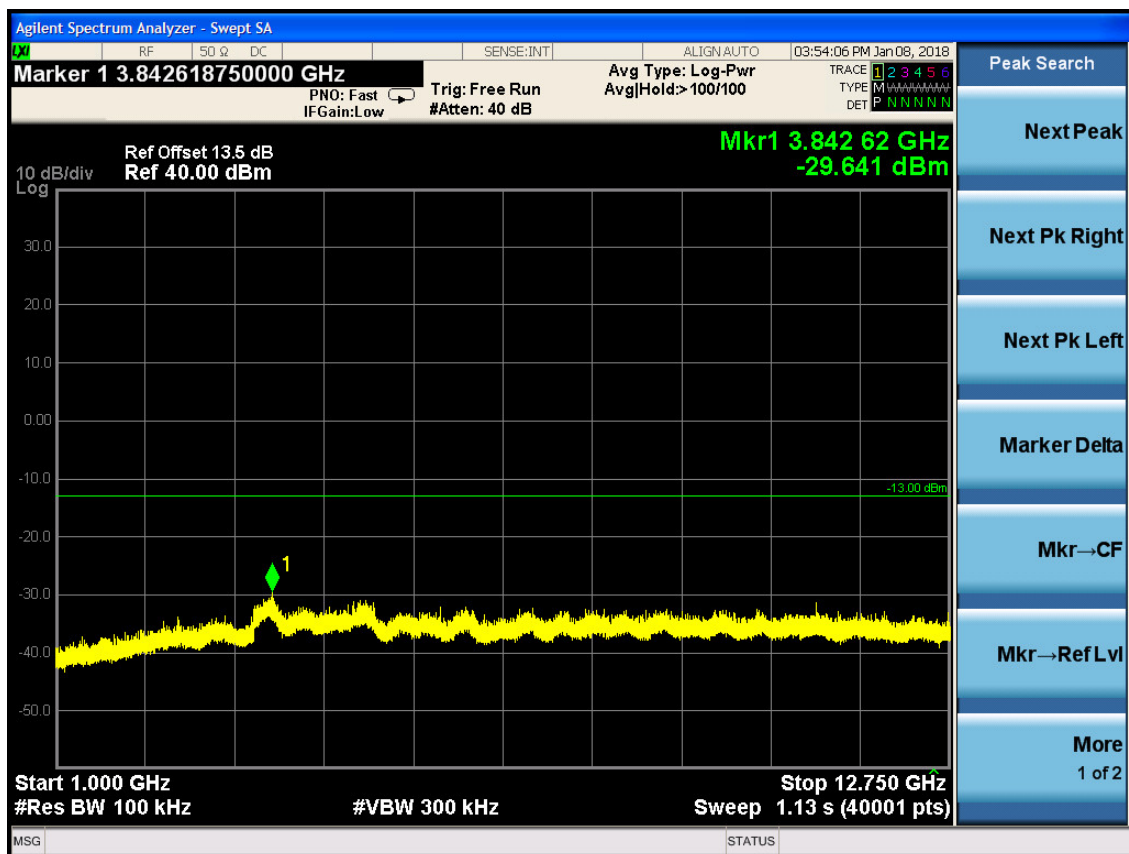
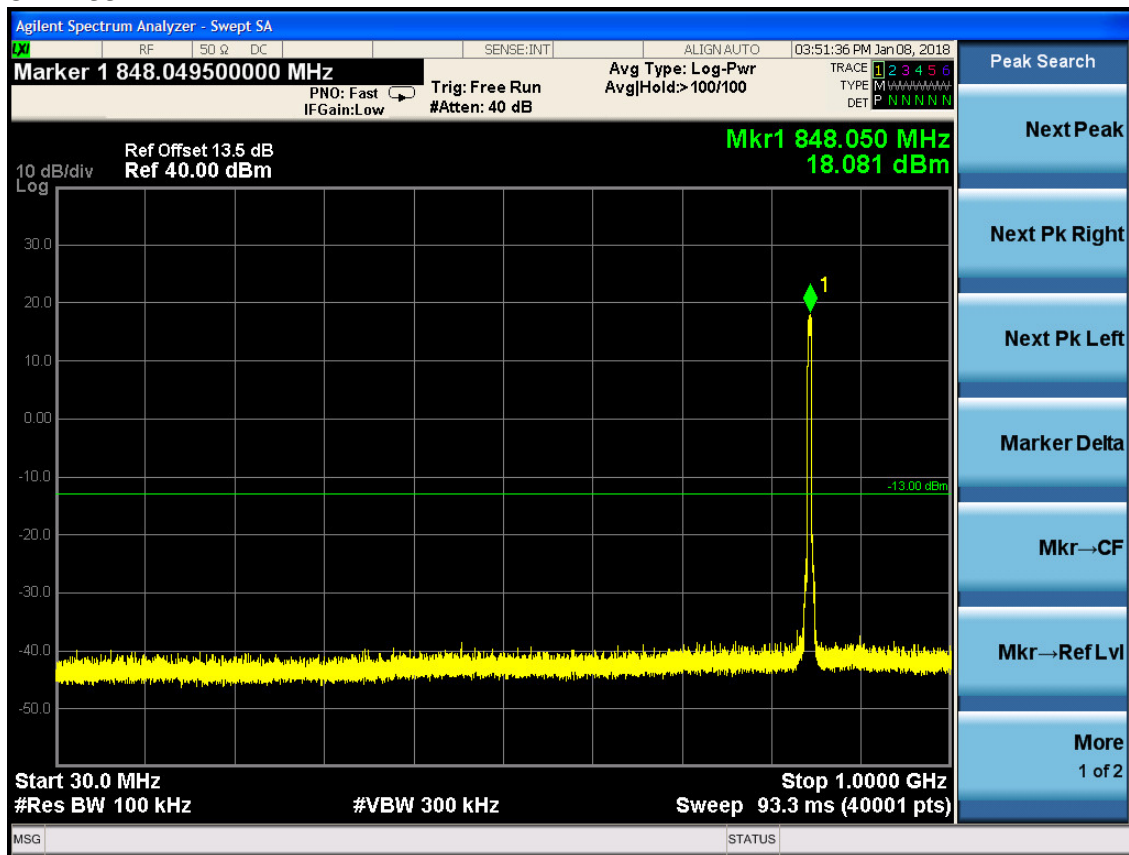
Band 5
CH 4132



CH 4183

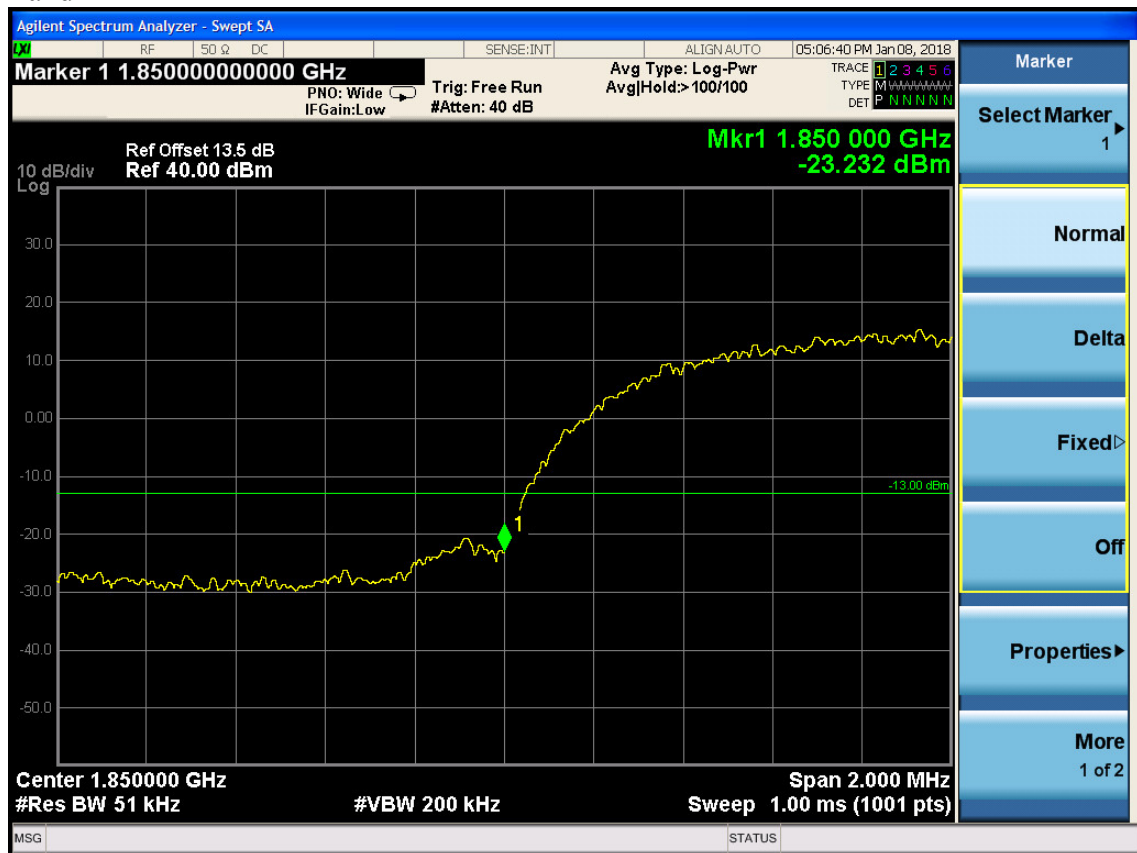


CH 4233



WCDMA

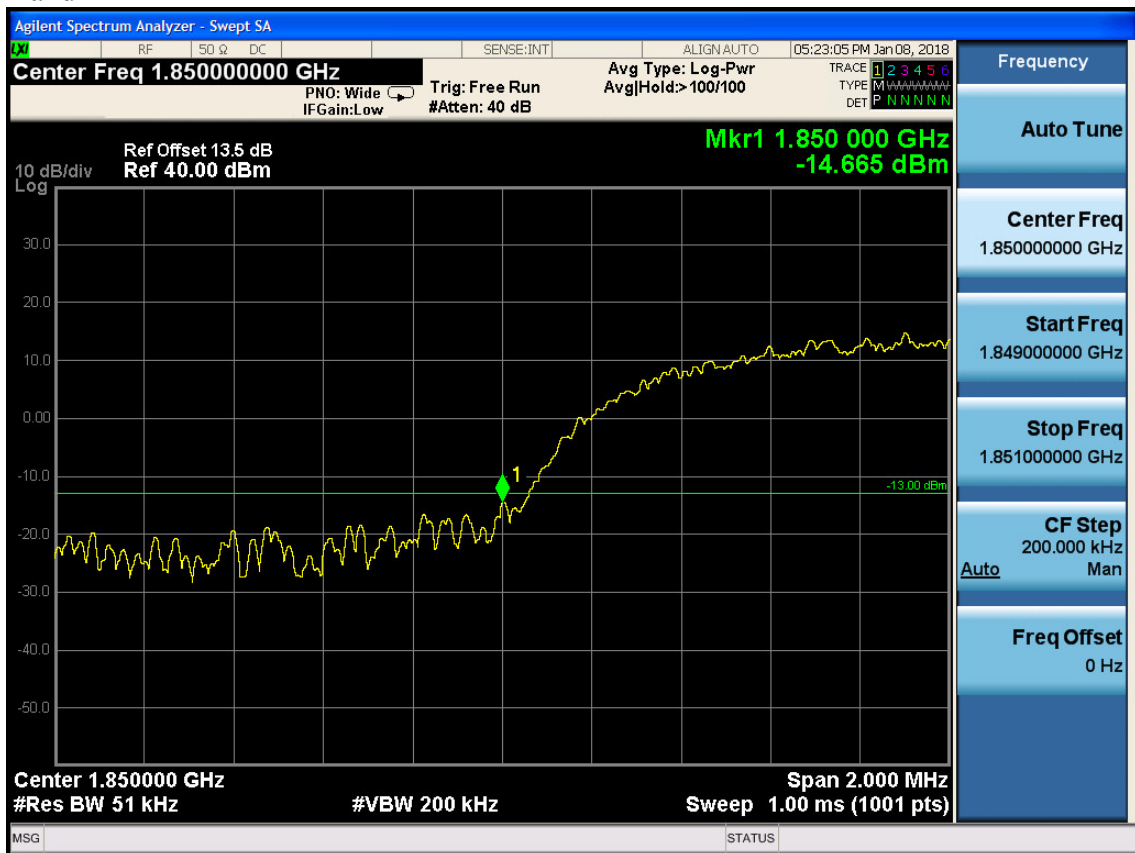
Band 2



Band 5



HSPA Band 2



Band 5



5. 99% & 26dB Occupied Bandwidth Test

5.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY53311015	Oct.15,17	1 Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr.27,17	1 Year
3.	RF Cable	Marvelous Microwave Inc	SFL402105FLEX	NO.1	Oct.15,17	1 Year

5.2. Test Procedure

The EUT output RF connector was connected with a short a cable to the spectrum analyzer, RBW=100kHz, VBW>=3 times RBW, 99% bandwidth were measured, the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace.

5.3. Test Result

99% Bandwidth

EUT: Gemini		
M/N: Gemini 4G		
Test date: 2018-01-08	Pressure: 102.4±1.0 kpa	Humidity: 52.6±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:22.8±0.6 °C

Test Mode	CH	Frequency (MHz)	99% Bandwidth (MHz)		Limit (KHz)
			WCDMA	HSPA	
Band 2	CH9262	1852.4	4.1507	4.1660	N/A
	CH9400	1880.0	4.1492	4.1660	N/A
	CH9538	1907.6	4.1492	4.1649	N/A
Band 5	CH4132	826.4	4.1639	4.1635	N/A
	CH4183	836.6	4.1555	4.1665	N/A
	CH4233	846.6	4.1530	4.1570	N/A
Conclusion : PASS					

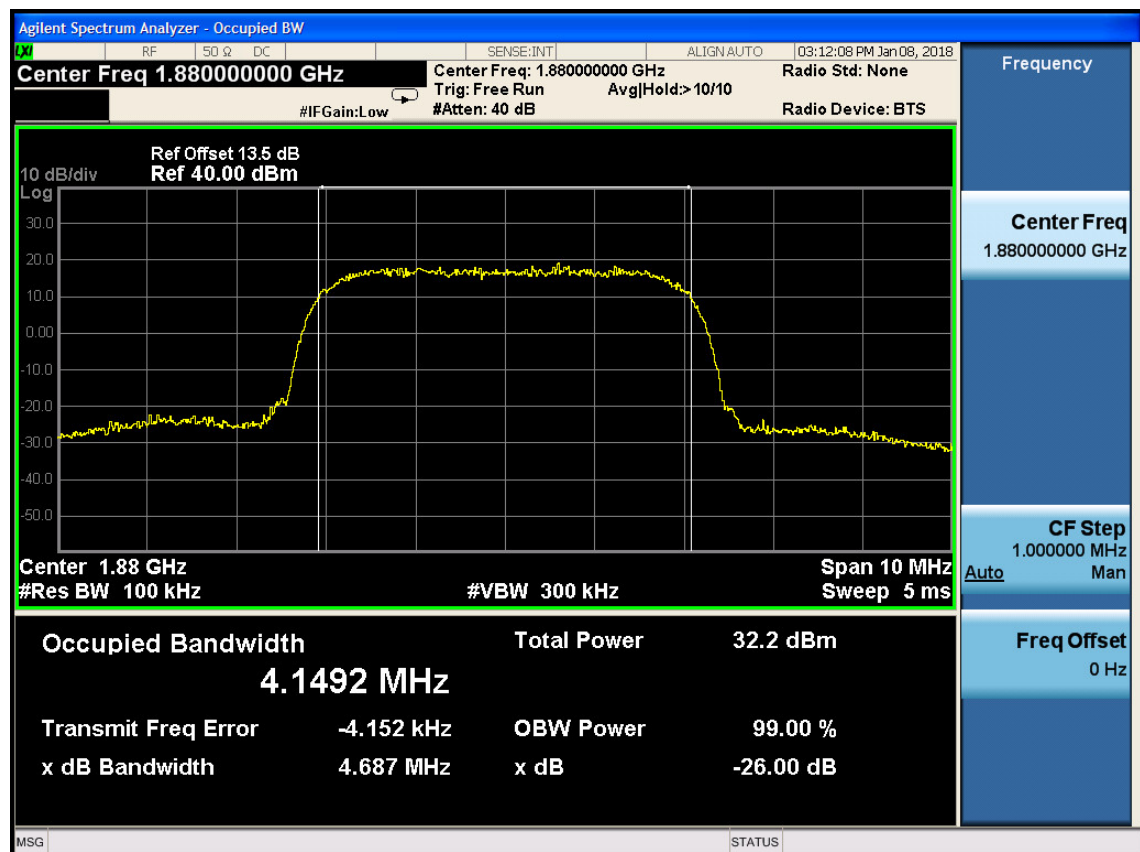
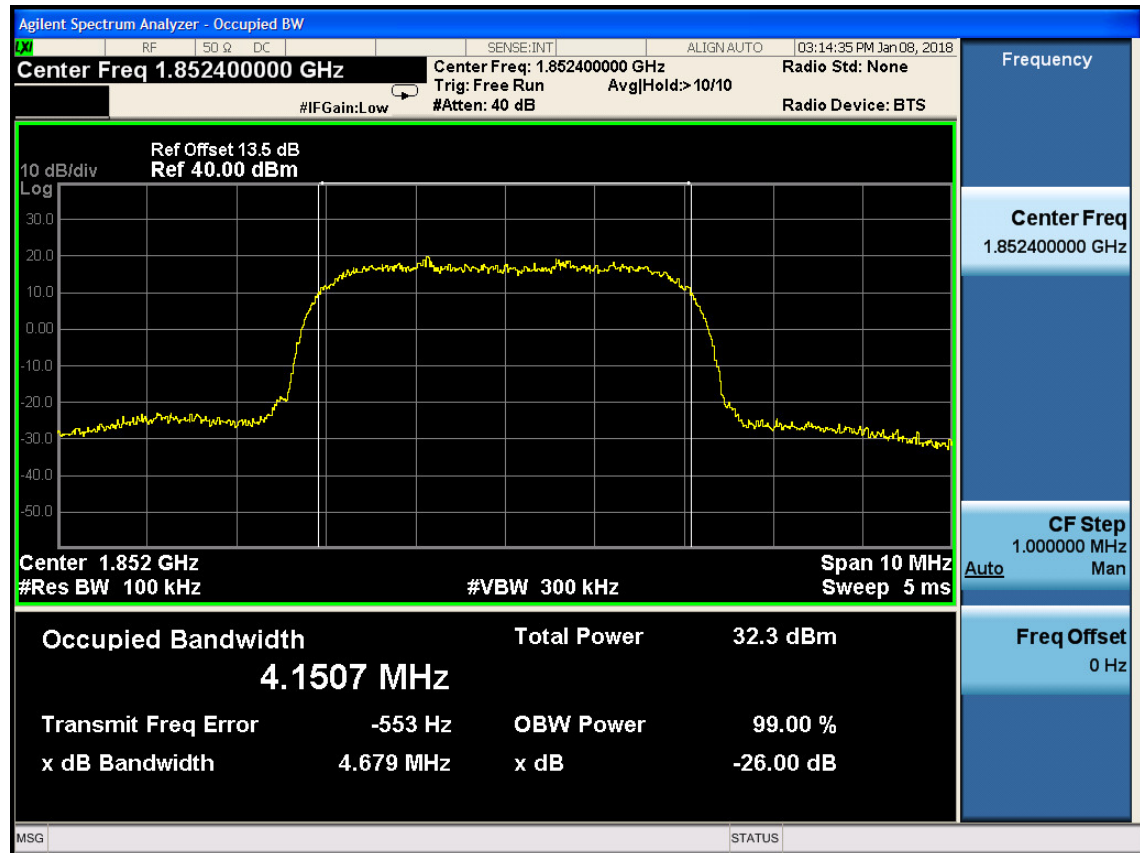
26dB bandwidth

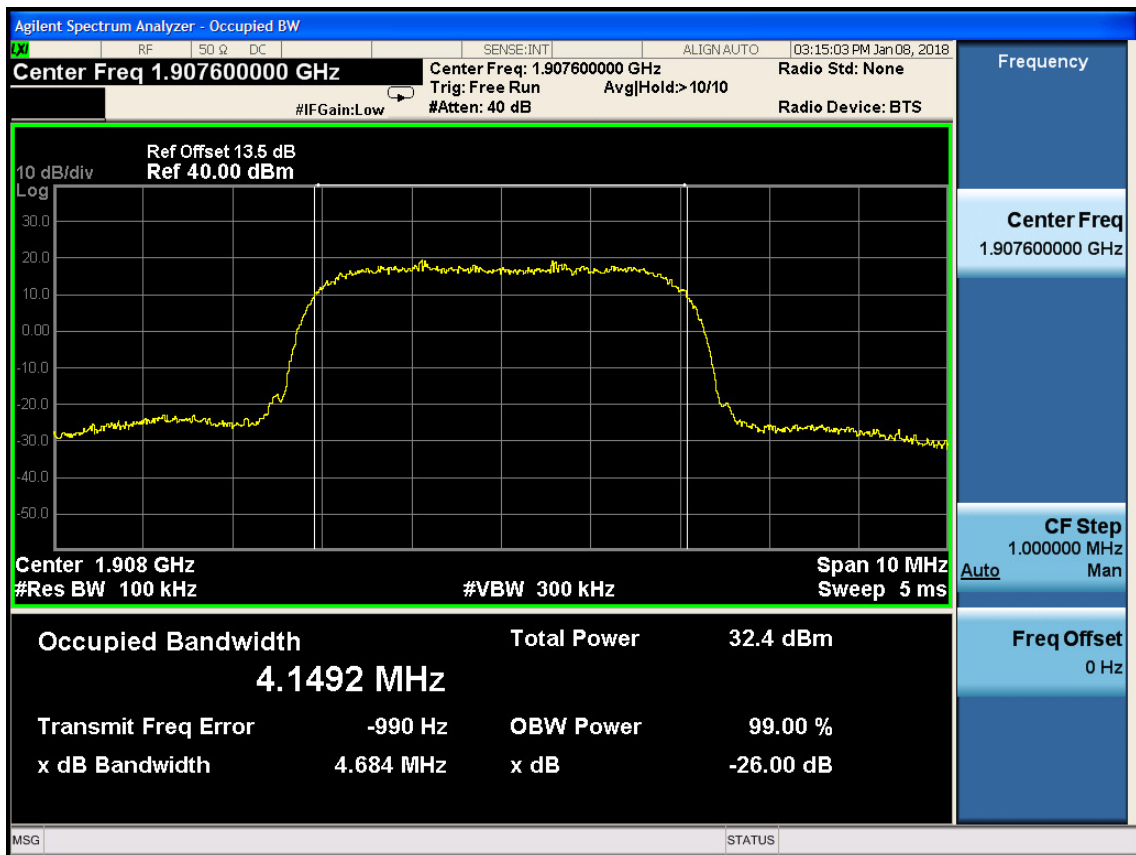
EUT: Gemini		
M/N: Gemini 4G		
Test date: 2018-01-08	Pressure: 102.7±1.0 kpa	Humidity: 52.8±3.0%
Tested by: Alice_Yang	Test site: RF site	Temperature:22.2±0.6 °C

Test Mode	CH	Frequency (MHz)	26dB bandwidth (MHz)		Limit (KHz)
			WCDMA	HSPA	
Band 2	CH9262	1852.4	4.679	4.679	N/A
	CH9400	1880.0	4.687	4.693	N/A
	CH9538	1907.6	4.684	4.660	N/A
Band 5	CH4132	826.4	4.674	4.690	N/A
	CH4183	836.6	4.694	4.699	N/A
	CH4233	846.6	4.682	4.678	N/A
Conclusion : PASS					

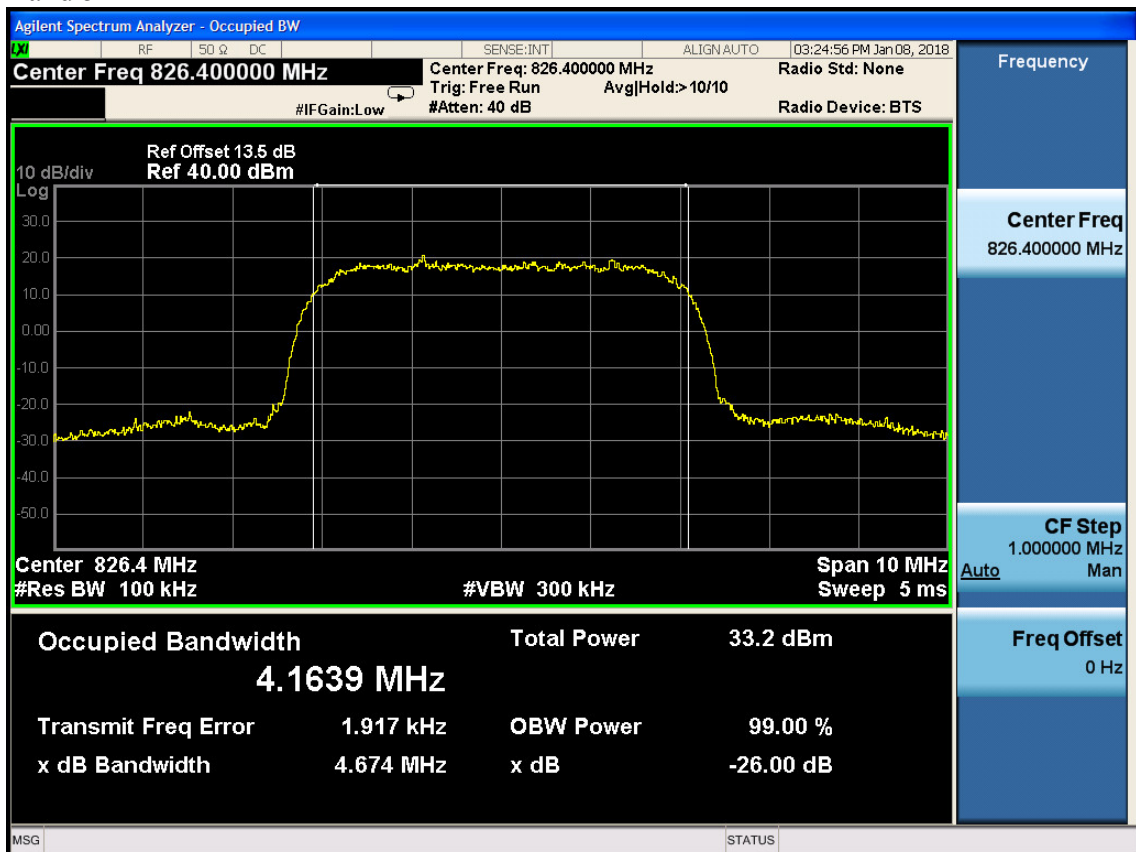
WCDMA

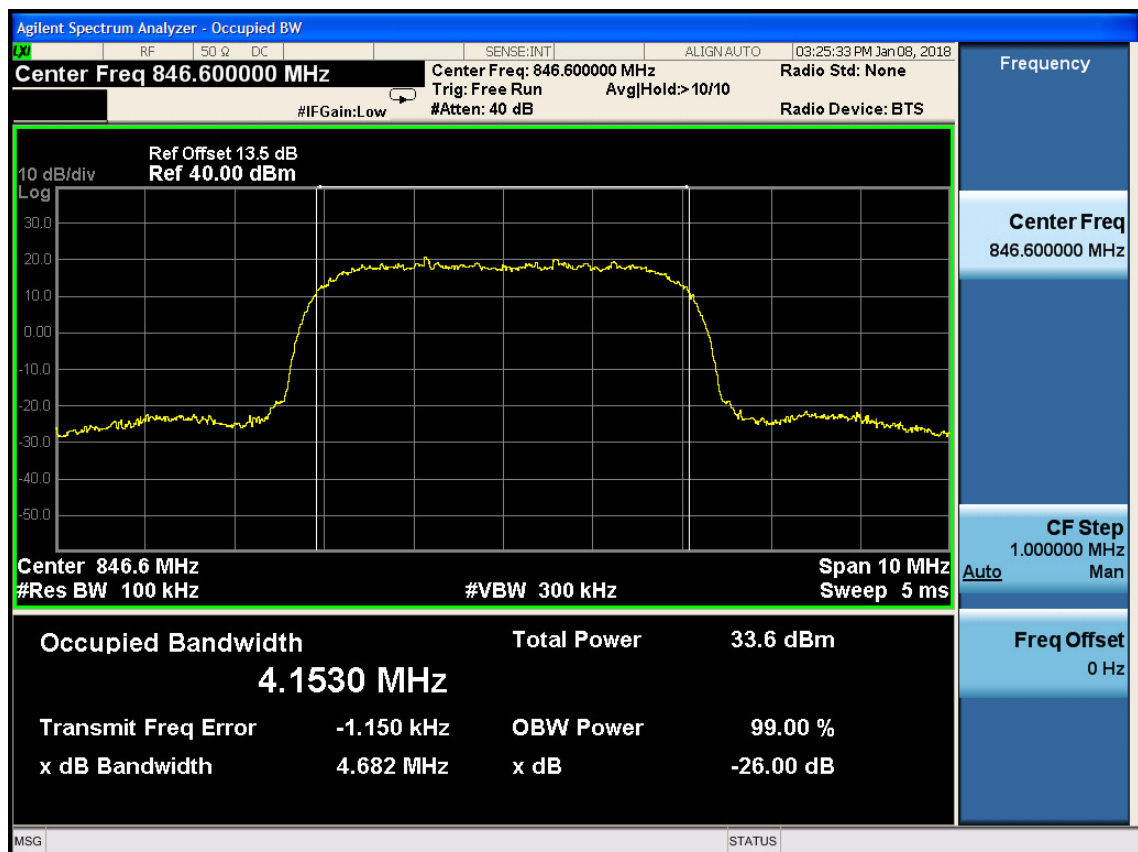
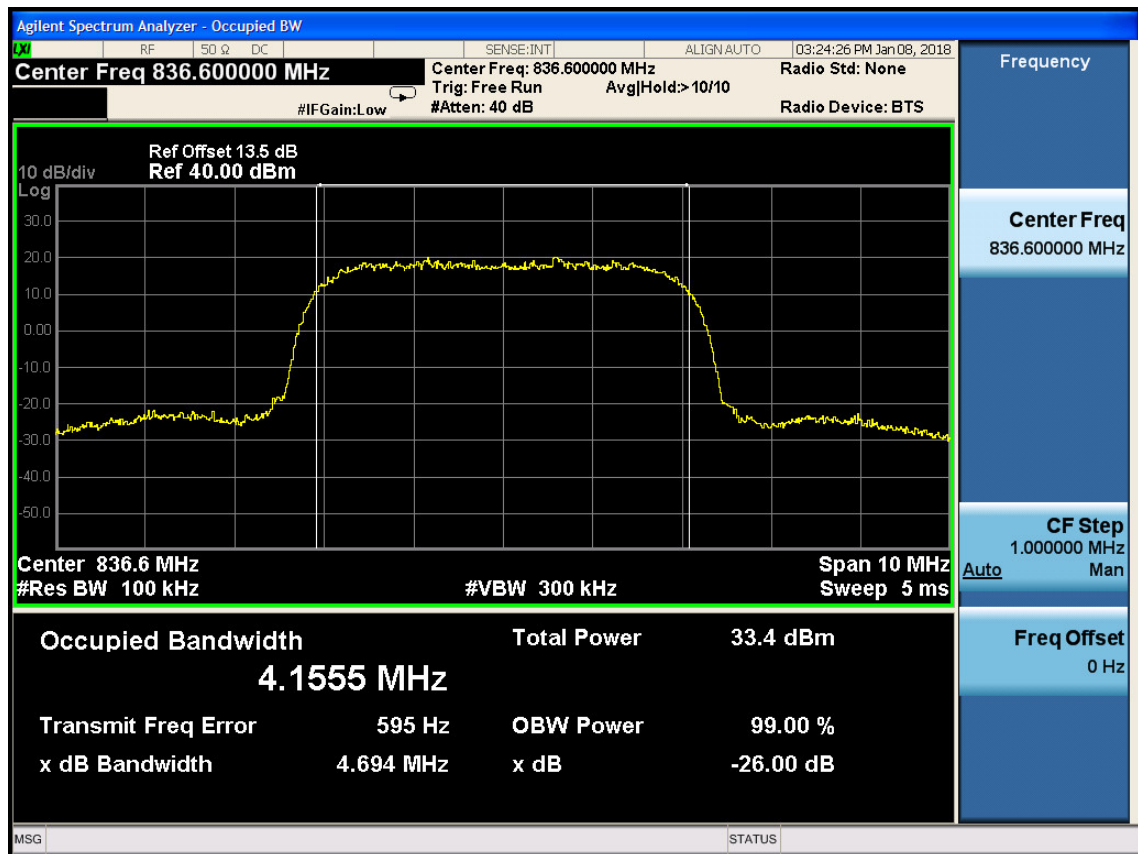
Band 2



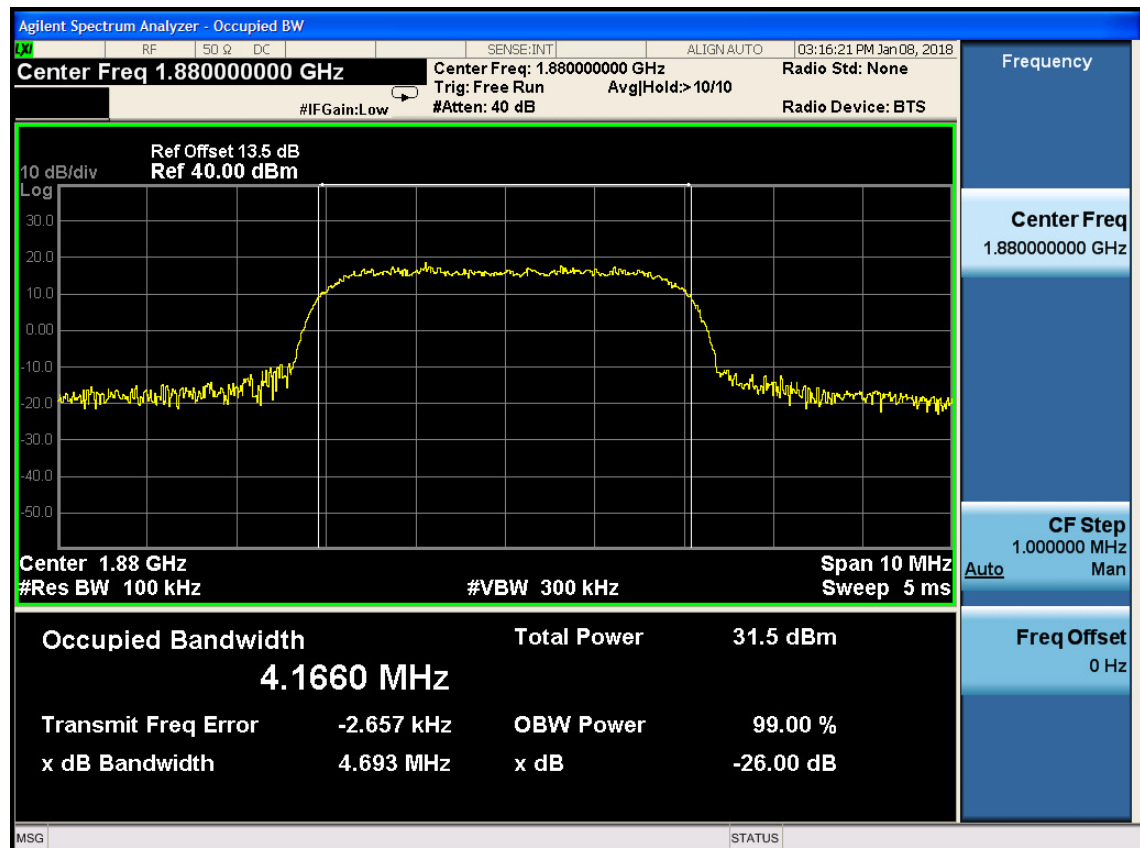
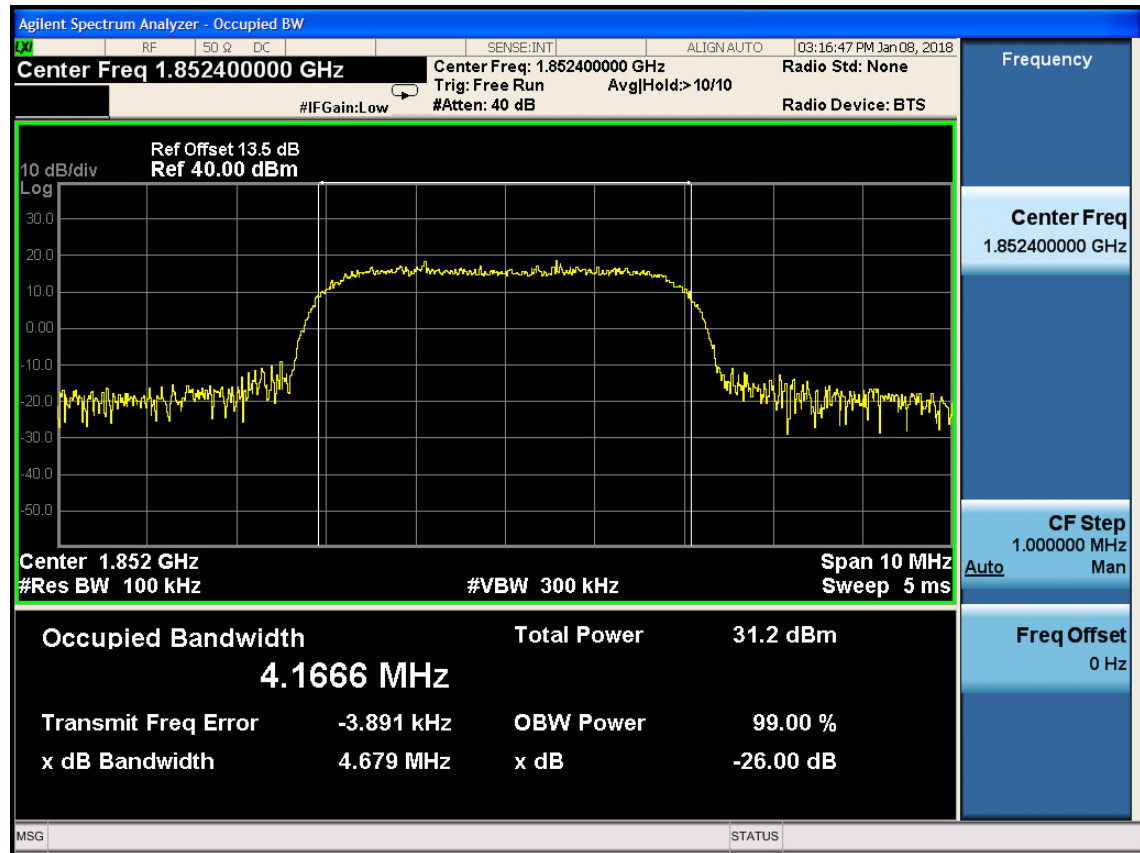


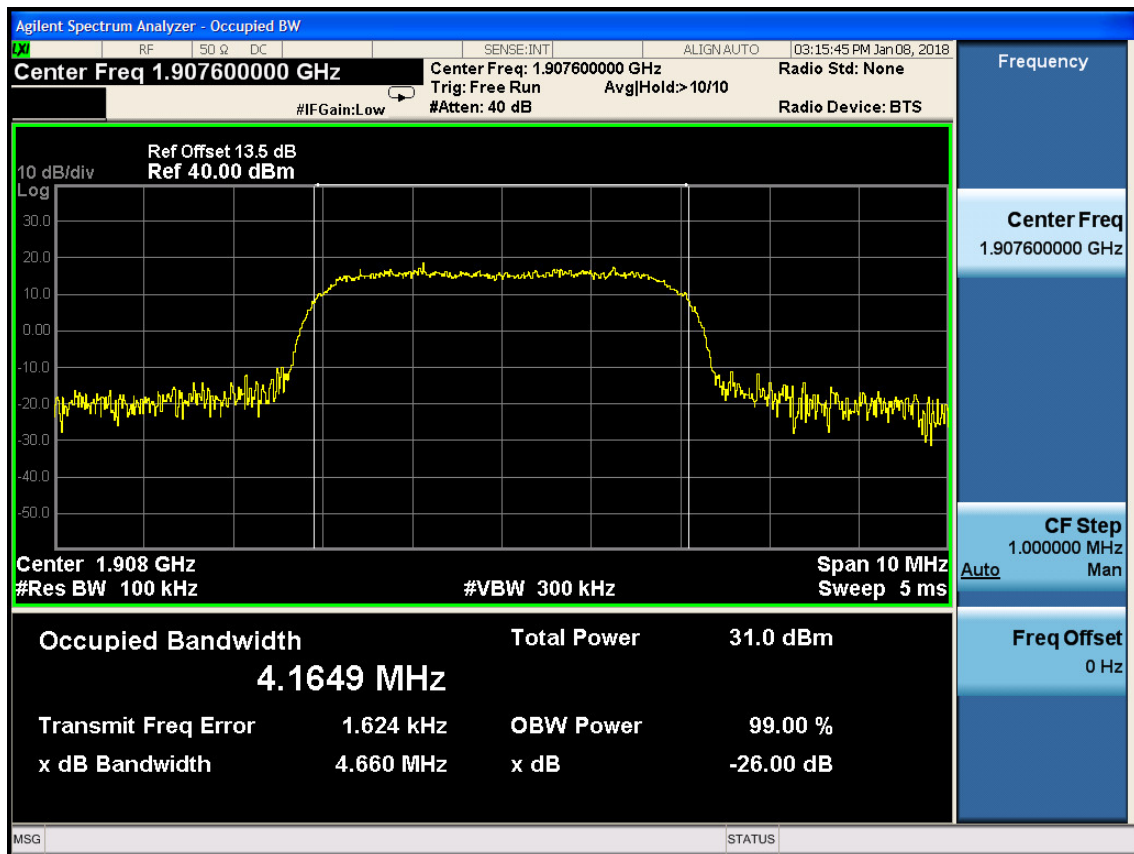
Band 5





HSPA Band 2





Band 5

