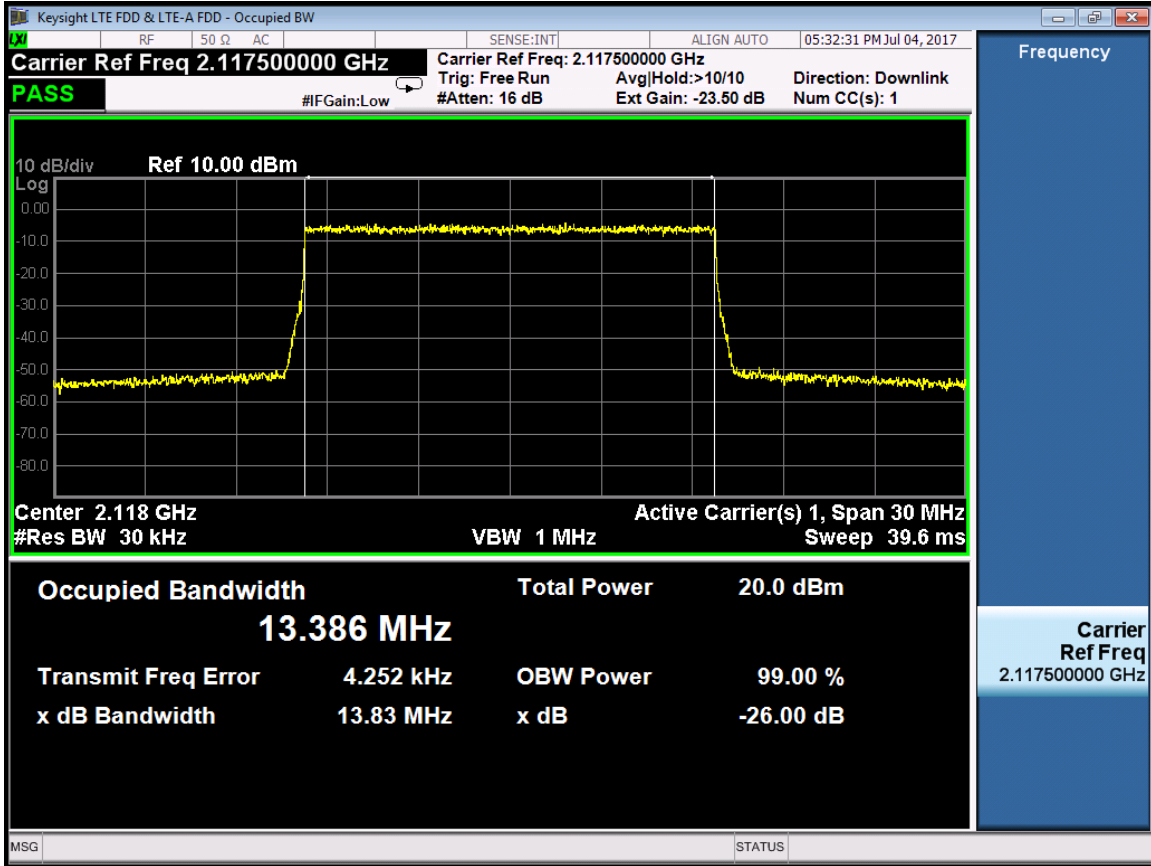
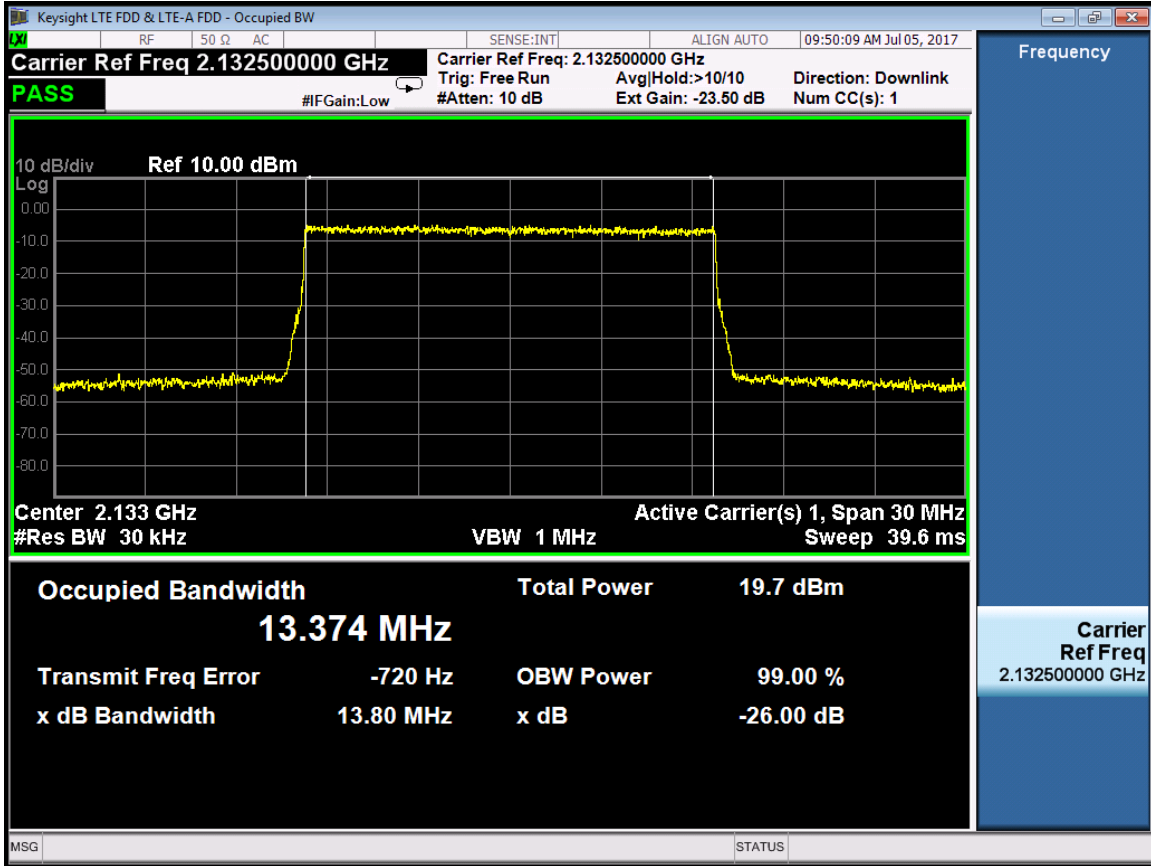


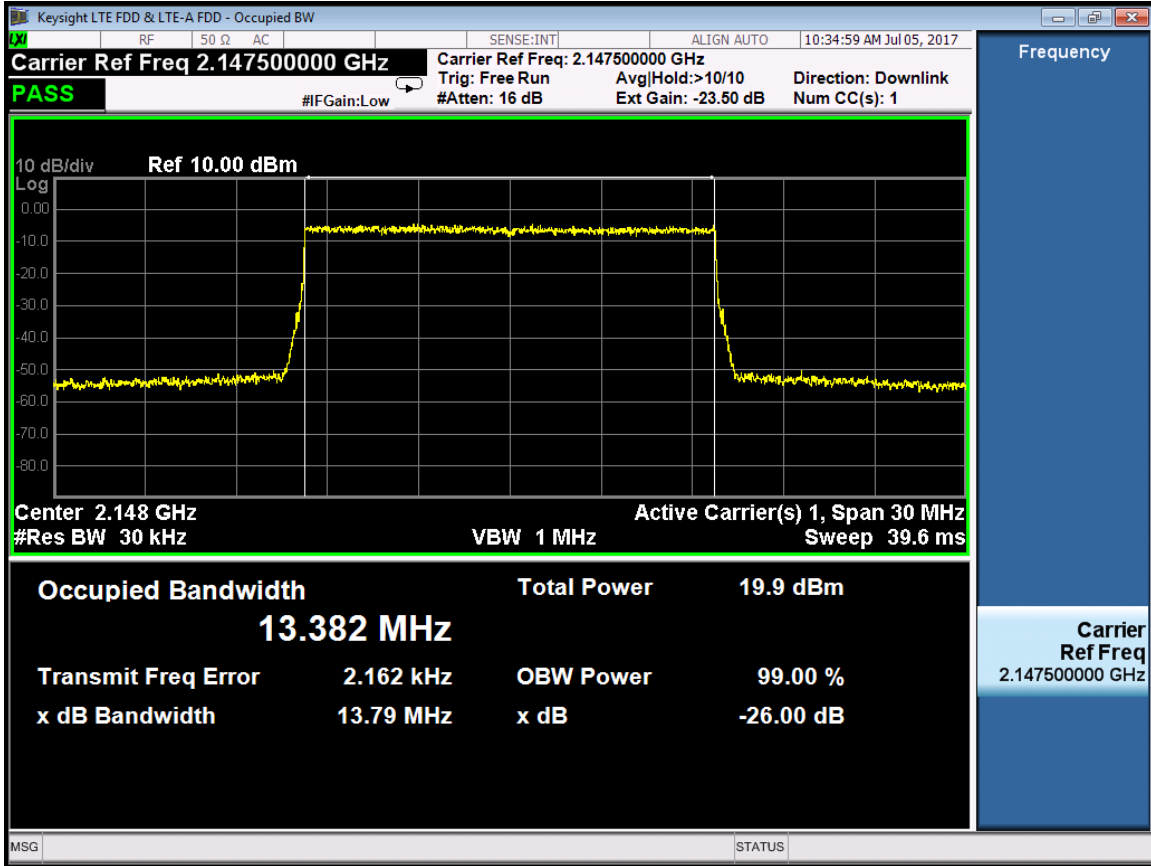
Port 1 -2117.5MHz



Port 1 -2132.5MHz



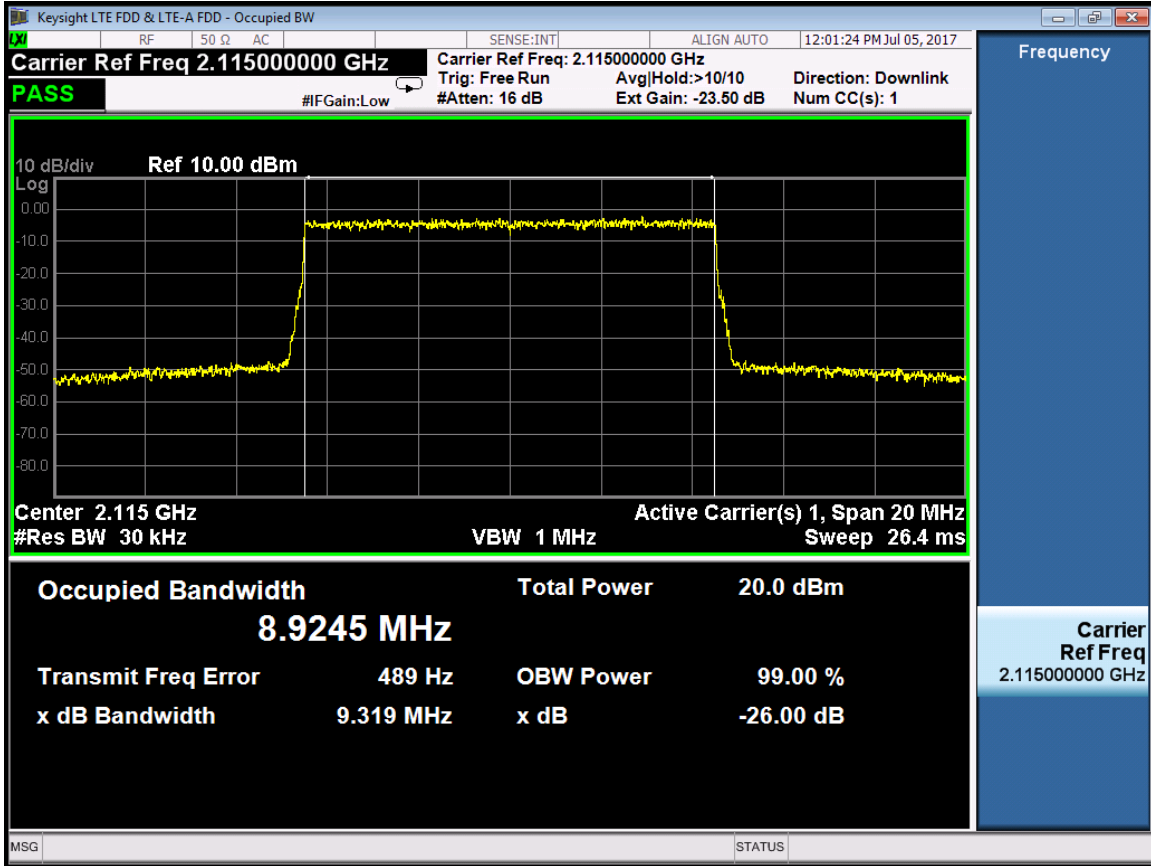
Port 1 -2147.5MHz



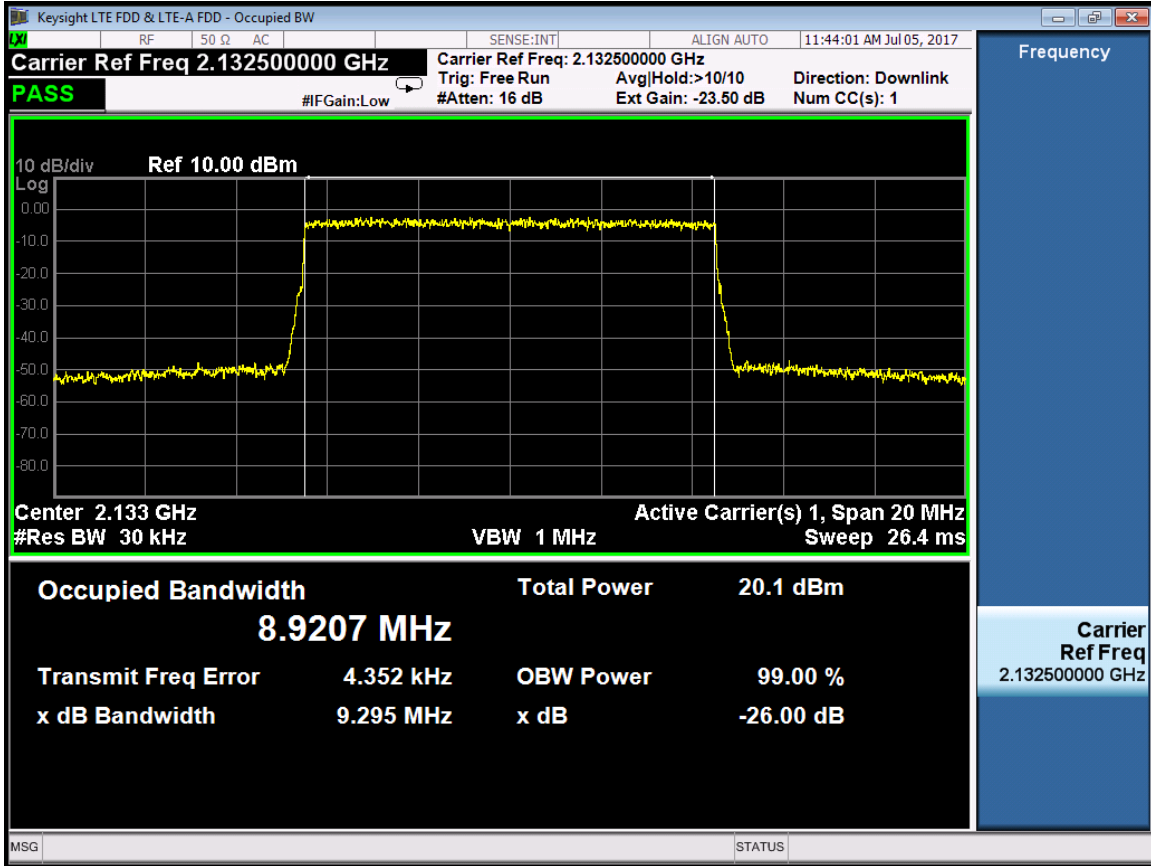
RF Bandwidth :IBW 10MHz(LTE)

Port	RF Center Freq. (MHz)	99% Power Bandwidth (MHz)	Limit (MHz)
0	2115	8.9245	10
	2132.5	8.9207	10
	2150	8.9205	10
1	2115	8.9274	10
	2132.5	8.9191	10
	2150	8.9301	10

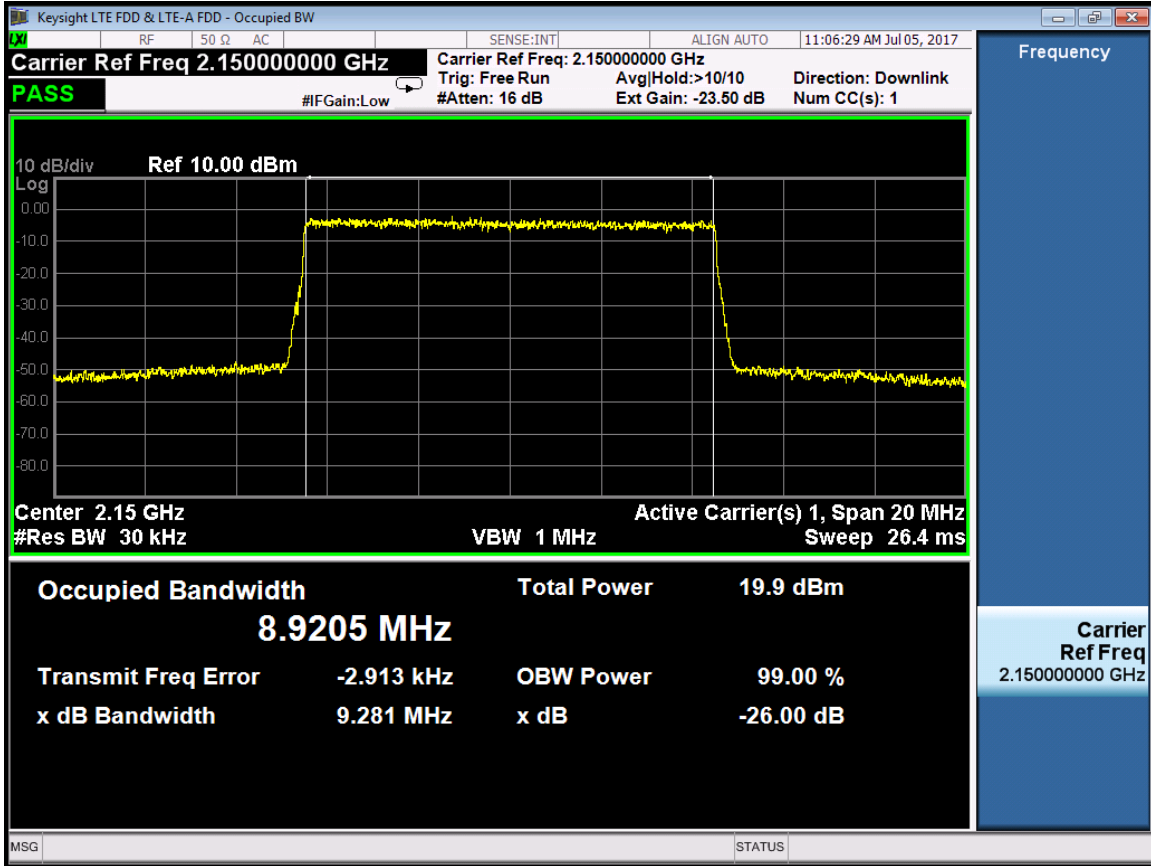
Port 0 -2115MHz



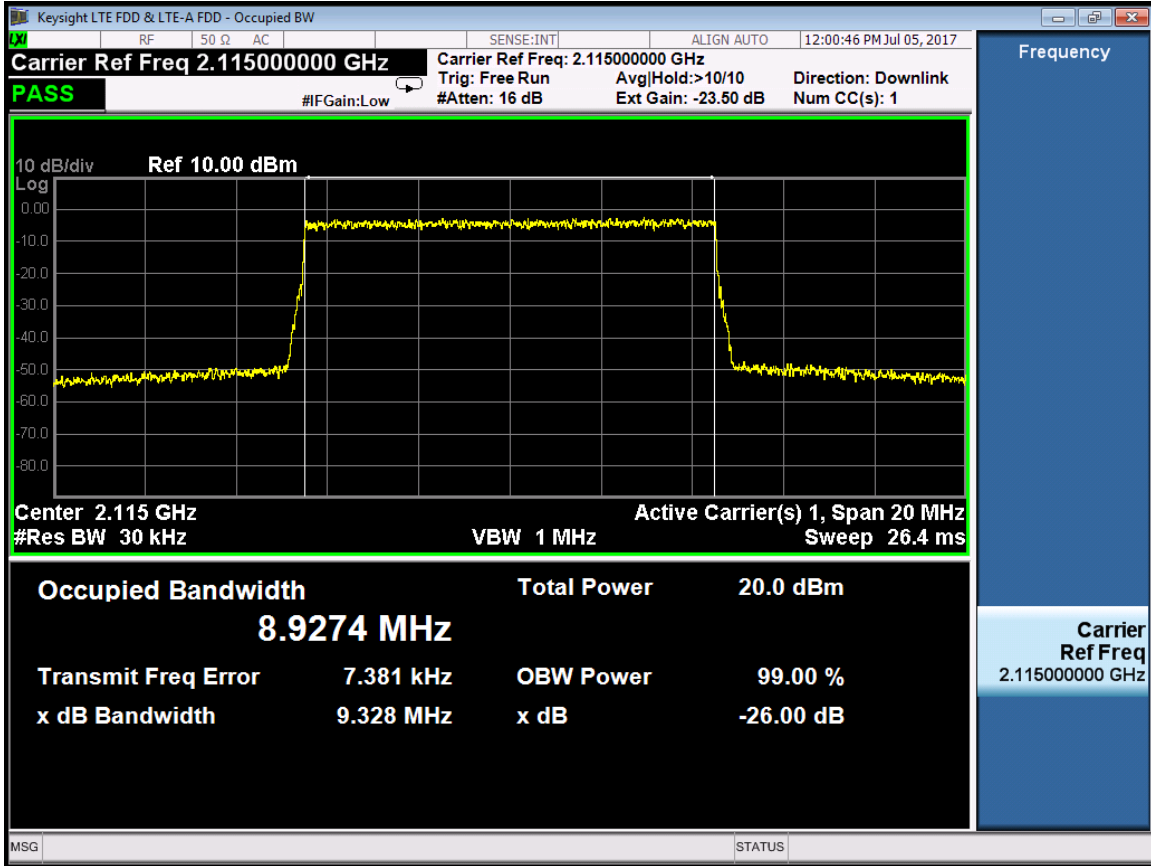
Port 0 -2132.5MHz



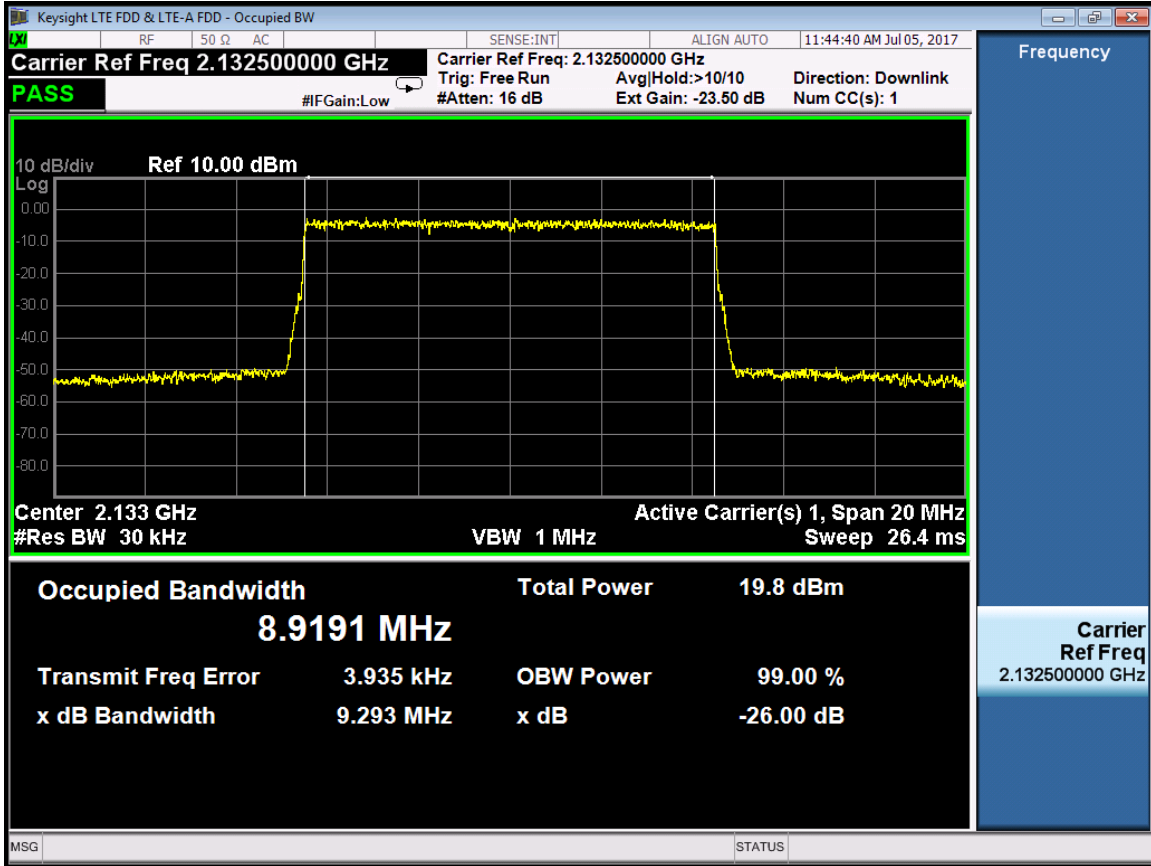
Port 0 -2150MHz



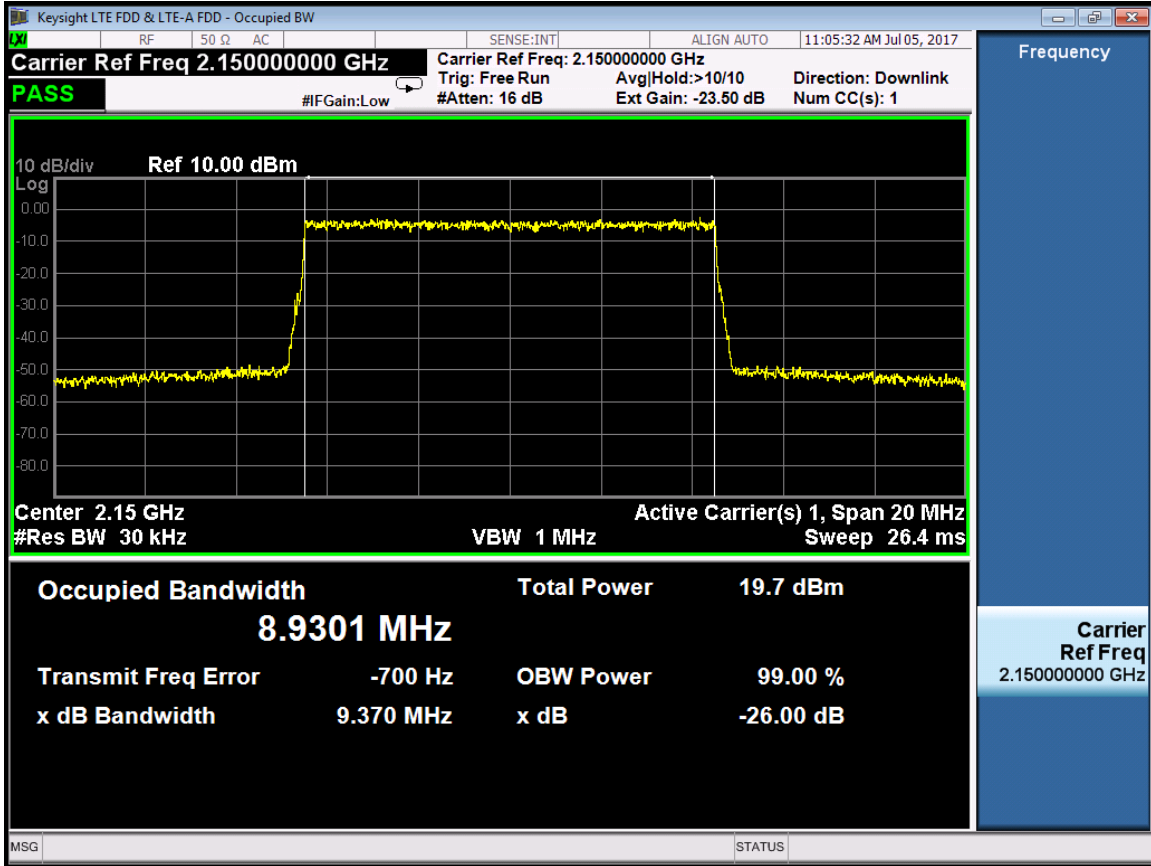
Port 1 -2115MHz



Port 1 -2132.5MHz



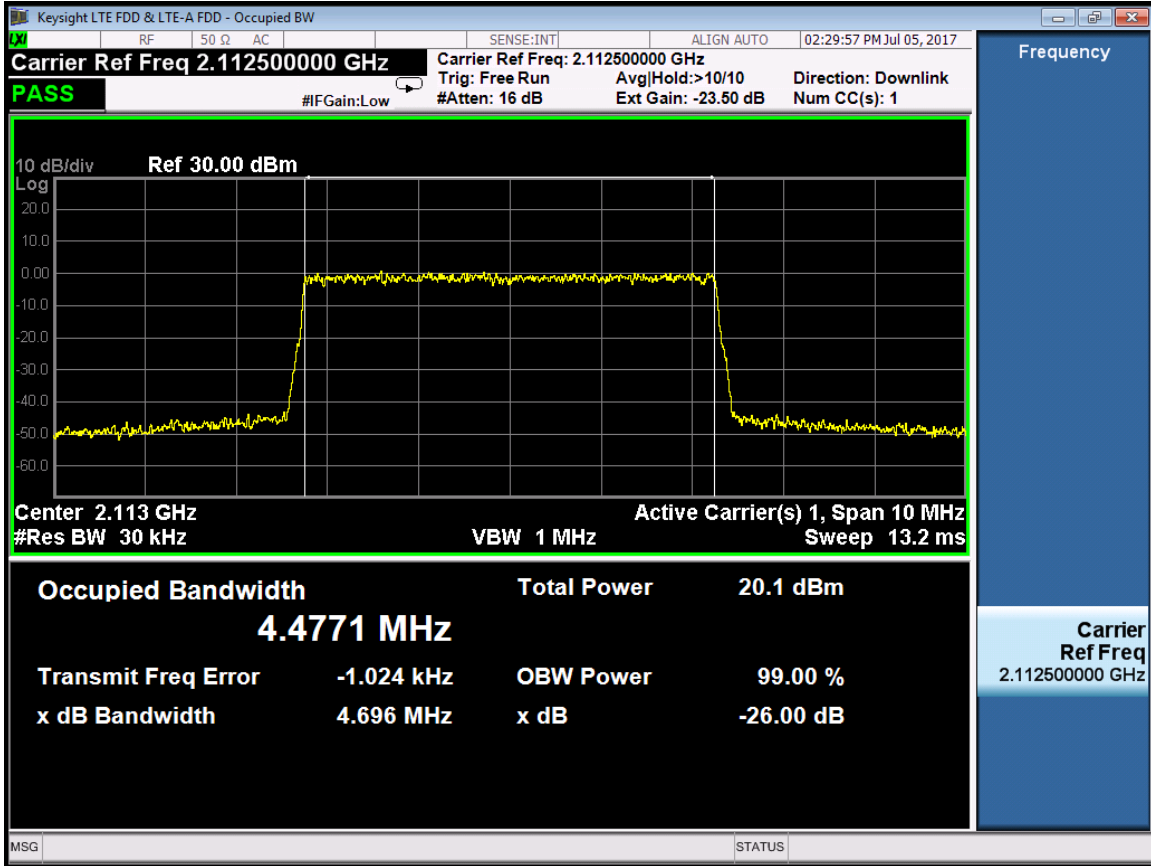
Port 1 -2150MHz



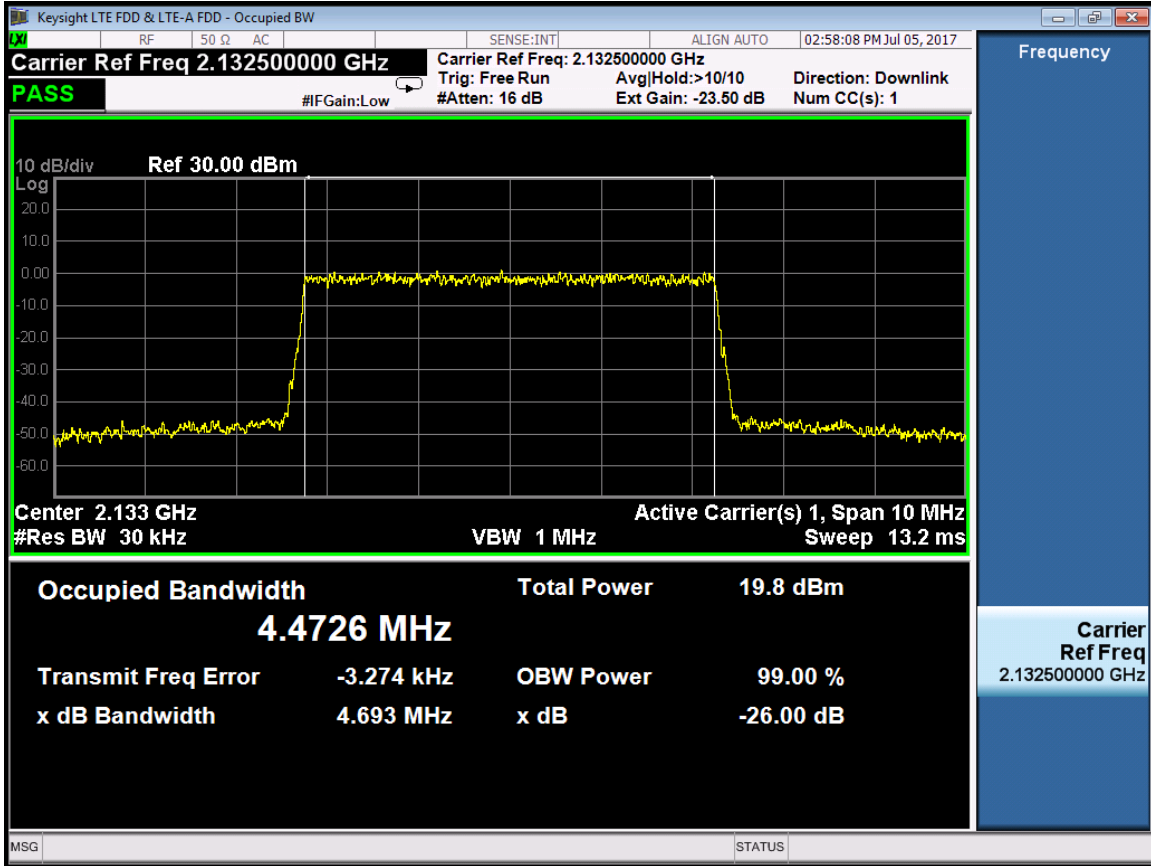
RF Bandwidth :IBW 5MHz(LTE)

Port	RF Center Freq. (MHz)	99% Power Bandwidth (MHz)	Limit (MHz)
0	2112.5	4.4771	5
	2132.5	4.4726	5
	2152.5	4.4790	5
1	2112.5	4.4794	5
	2132.5	4.4672	5
	2152.5	4.4720	5

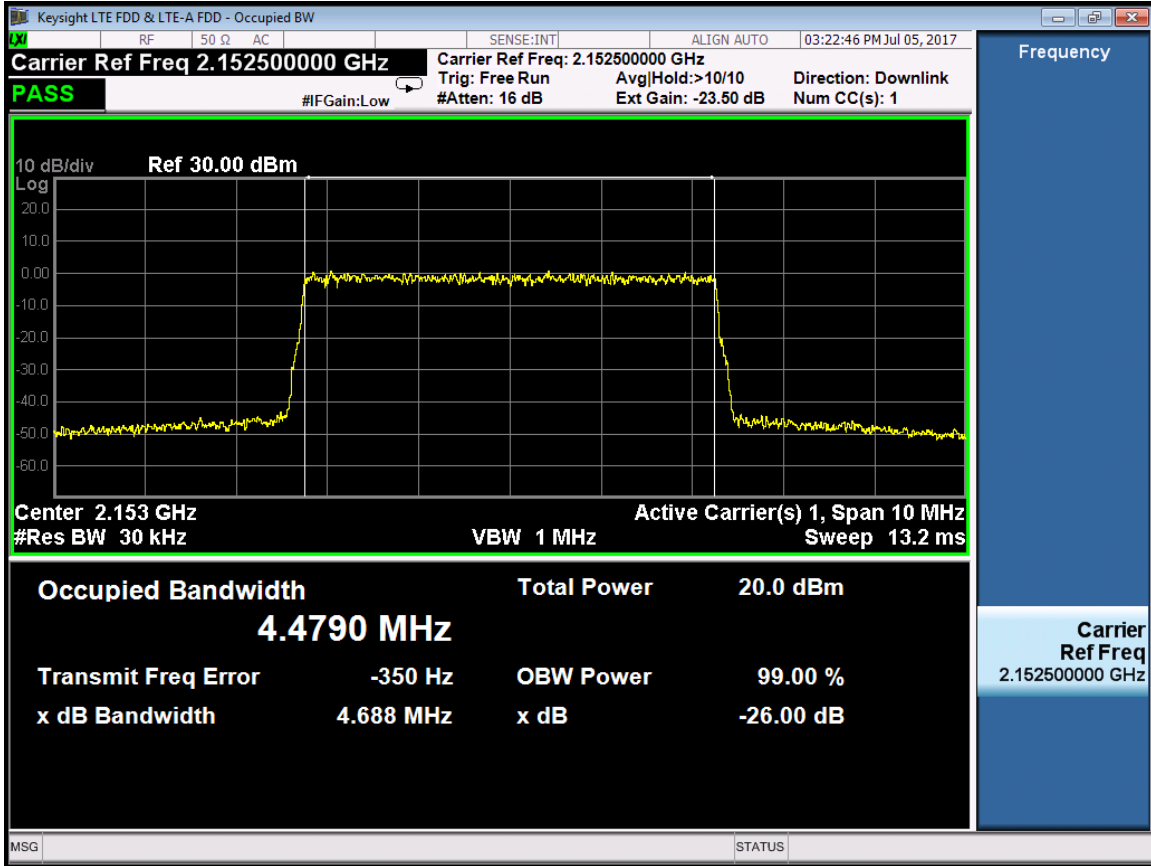
Port 0 -2112.5MHz



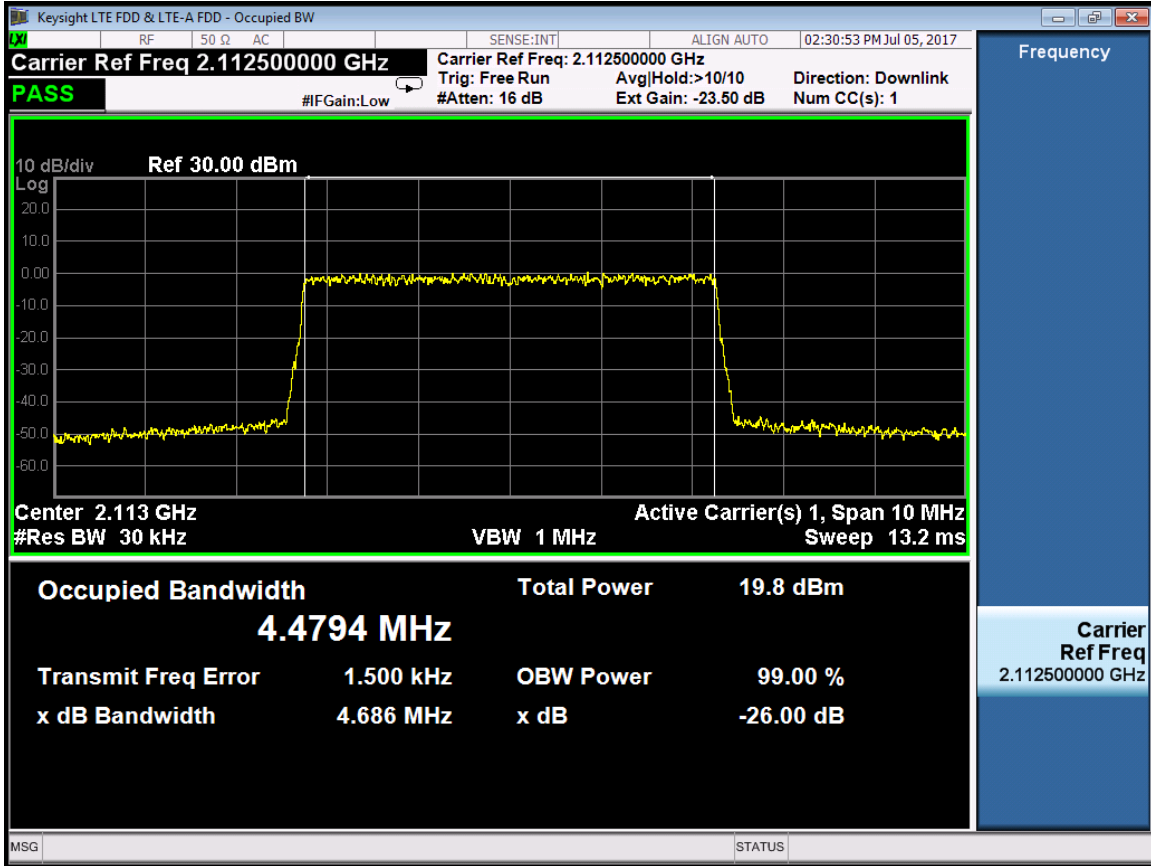
Port 0 -2132.5MHz



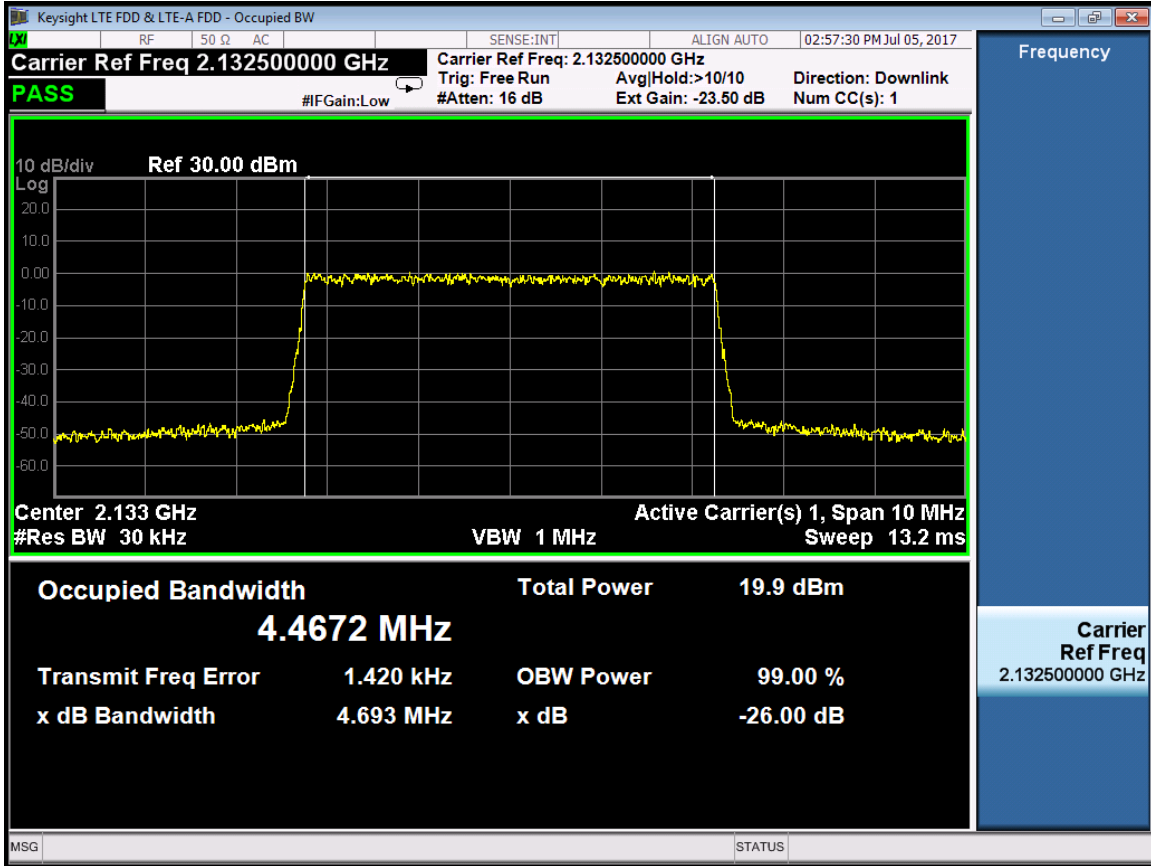
Port 0 -2152.5MHz



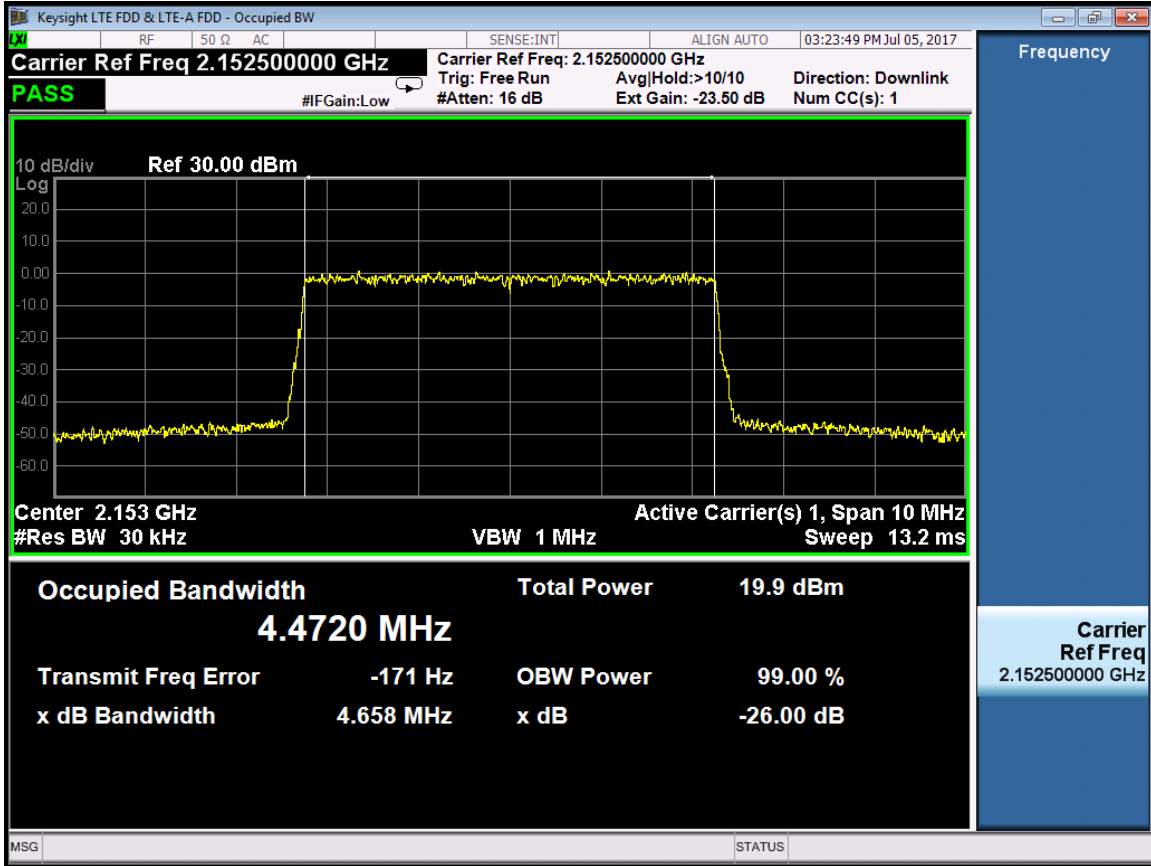
Port 1 -2112.5MHz



Port 1 -2132.5MHz



Port 1 -2152.5MHz



11 BAND EDGES

Applicable Standard: FCC §2.1051, §27.53

According to §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. The limit (dBm) should $< P - (43 + 10 \log(P)) = -13 \text{ dBm}$.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	MXA Series Spectrum Analyzer	N9030A	MY49431143	2016.09.12	2017.09.12

DTS	DTS 20dB Attenuator	DTS50-20-3-1	09112005	2016.09.12	2017.09.12
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***statement of traceability:** ZTE Corporation Reliability Testing Center attest that all calibration have been performed per the NVLAP requirements , traceable to NIST.

Test Procedure

The RF output of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation.

The center of the spectrum analyzer was set to block edge frequency.

Test Data Environmental Conditions

Temperature:	20 °C
Relative Humidity:	53%
ATM Pressure:	1009mbar

Test Result: Pass

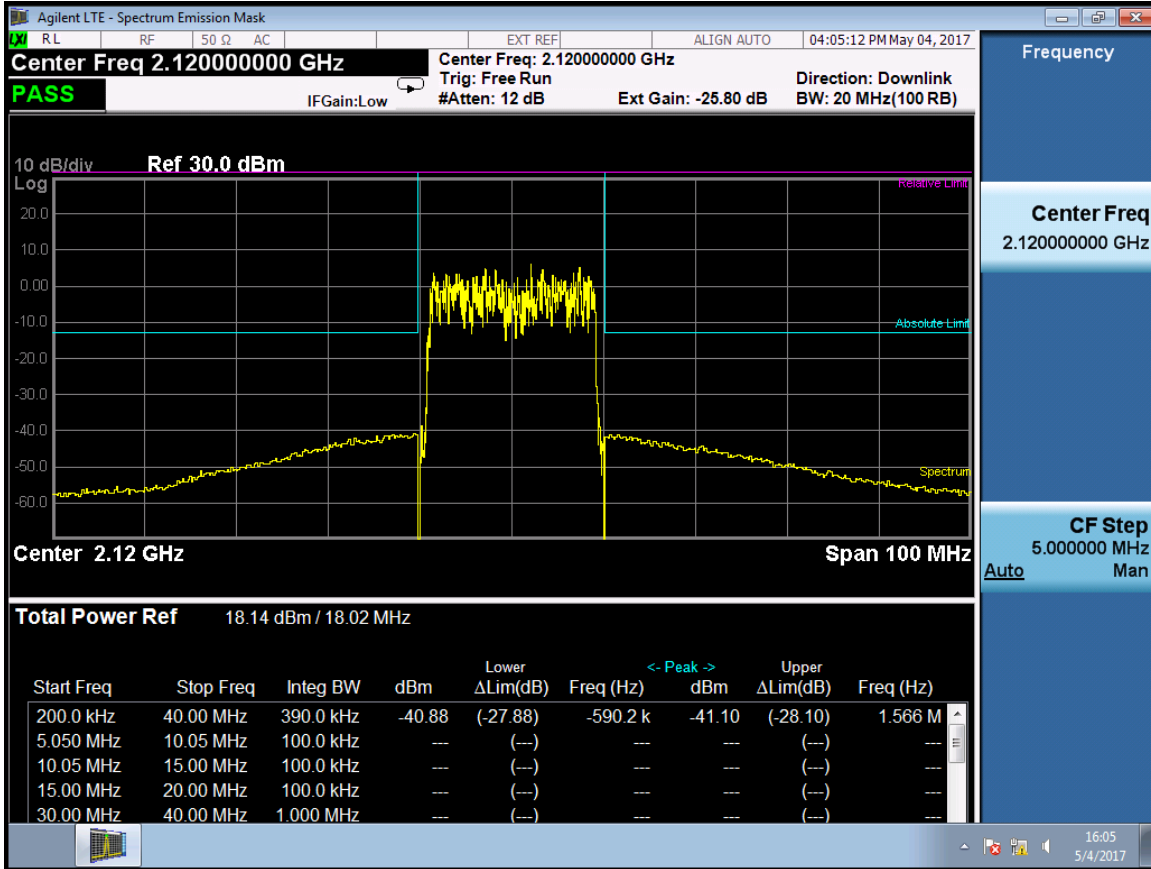
Test Mode: Transmitting LTE

Test Data

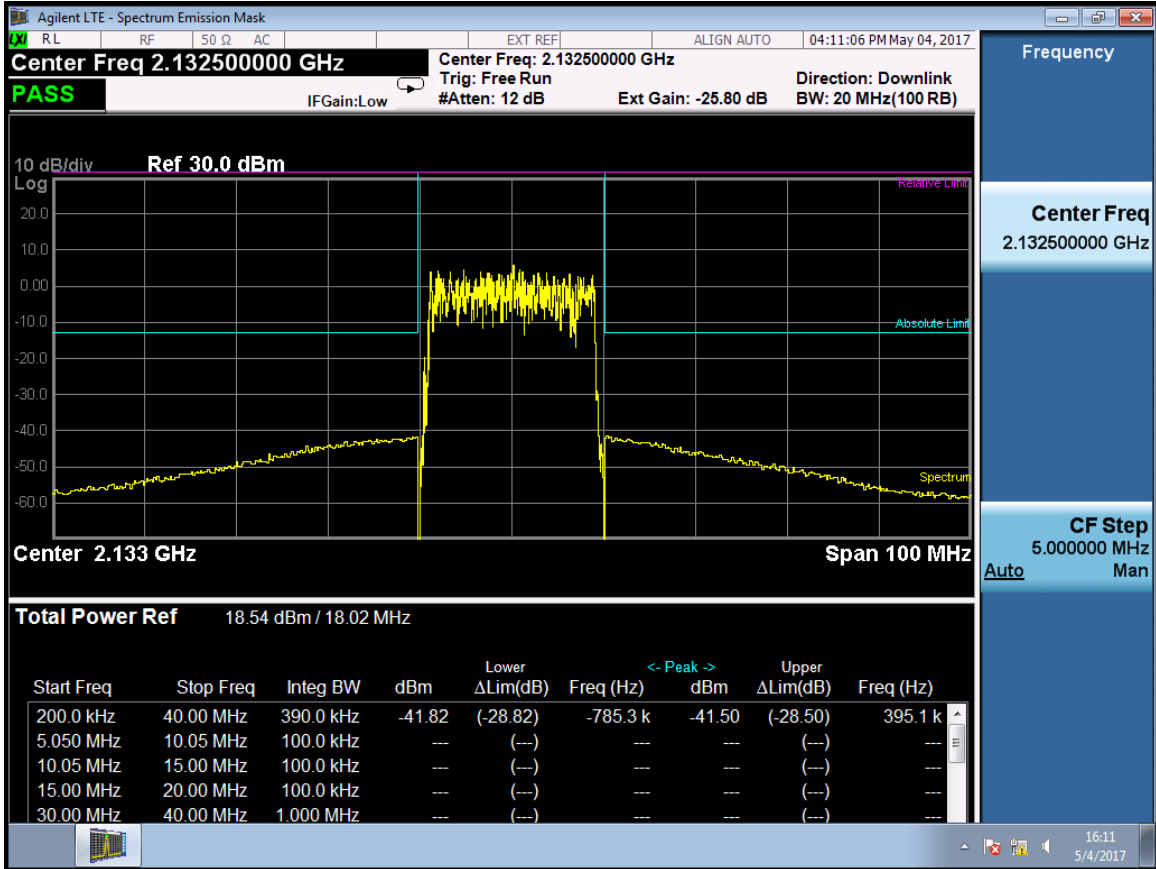
RF Bandwidth :IBW 20MHz(ETM1.1)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	2120	-40.88	-13
	2132.5	-41.50	-13
	2145	-41.60	-13
1	2120	-41.56	-13
	2132.5	-42.03	-13
	2145	-42.48	-13

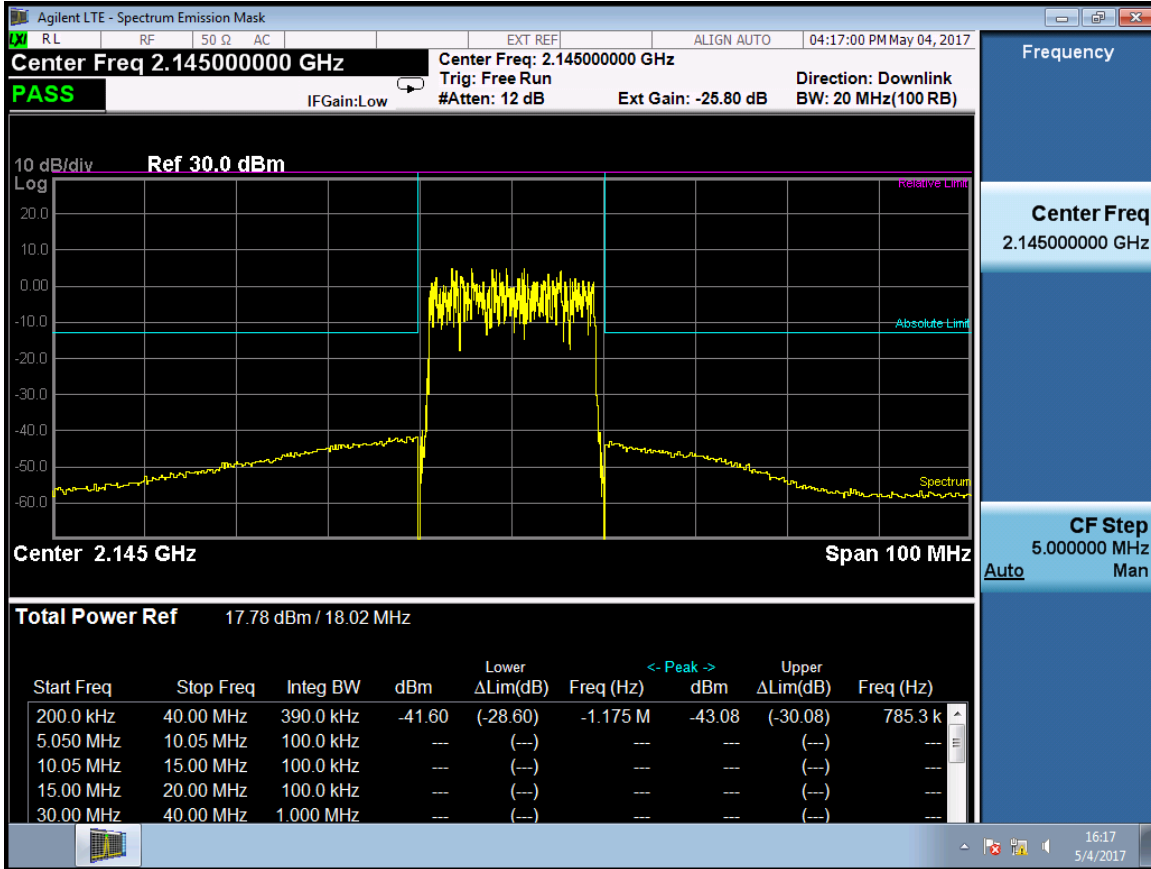
RF 20M(ETM1.1) -Port 0-2120MHz



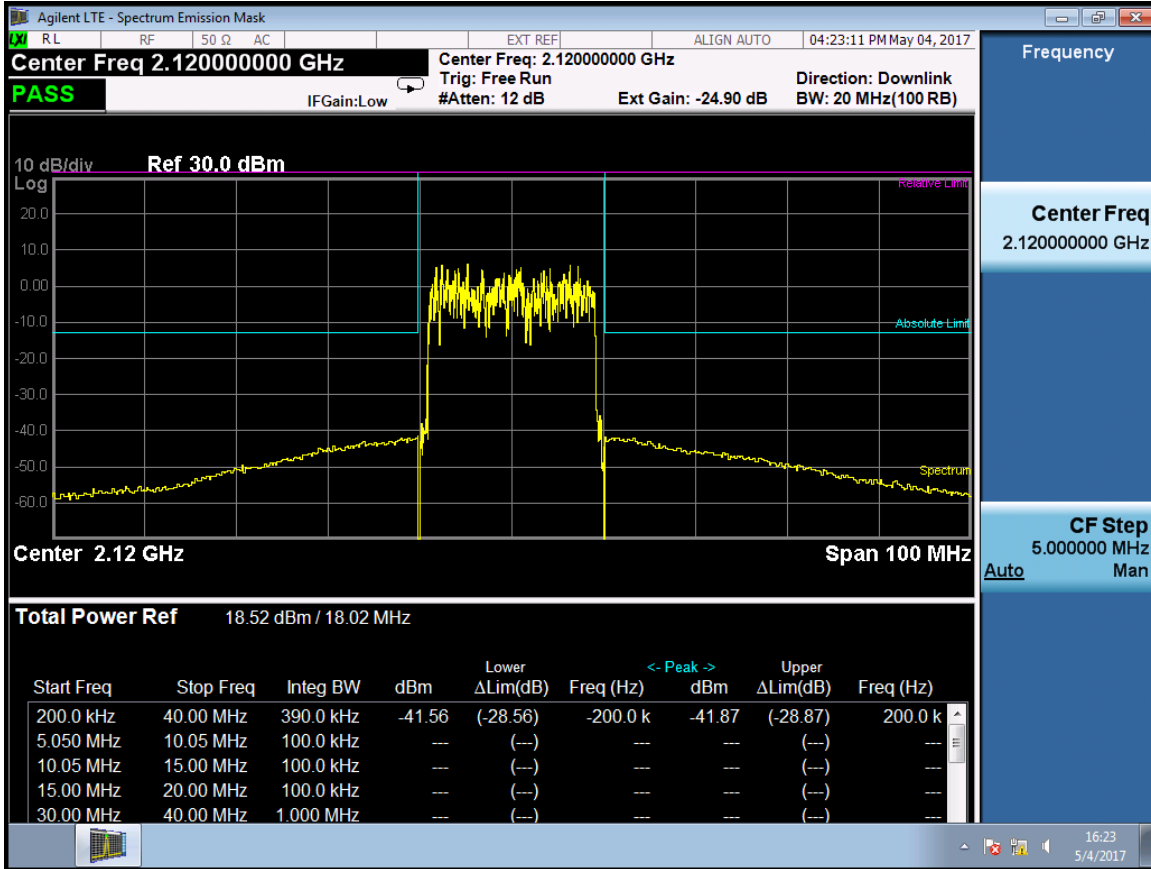
RF 20M(ETM1.1) -Port 0-2132.5MHz



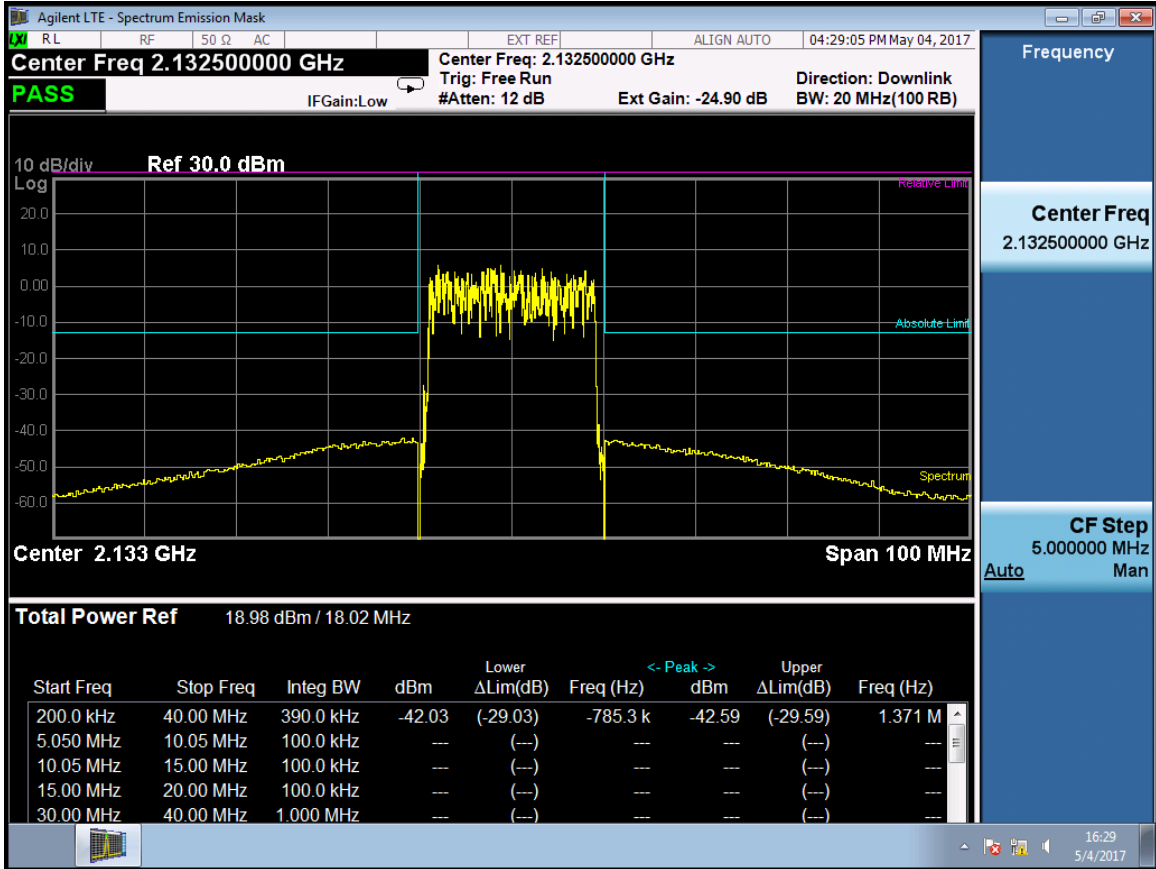
RF 20M(ETM1.1) -Port 0-2145MHz



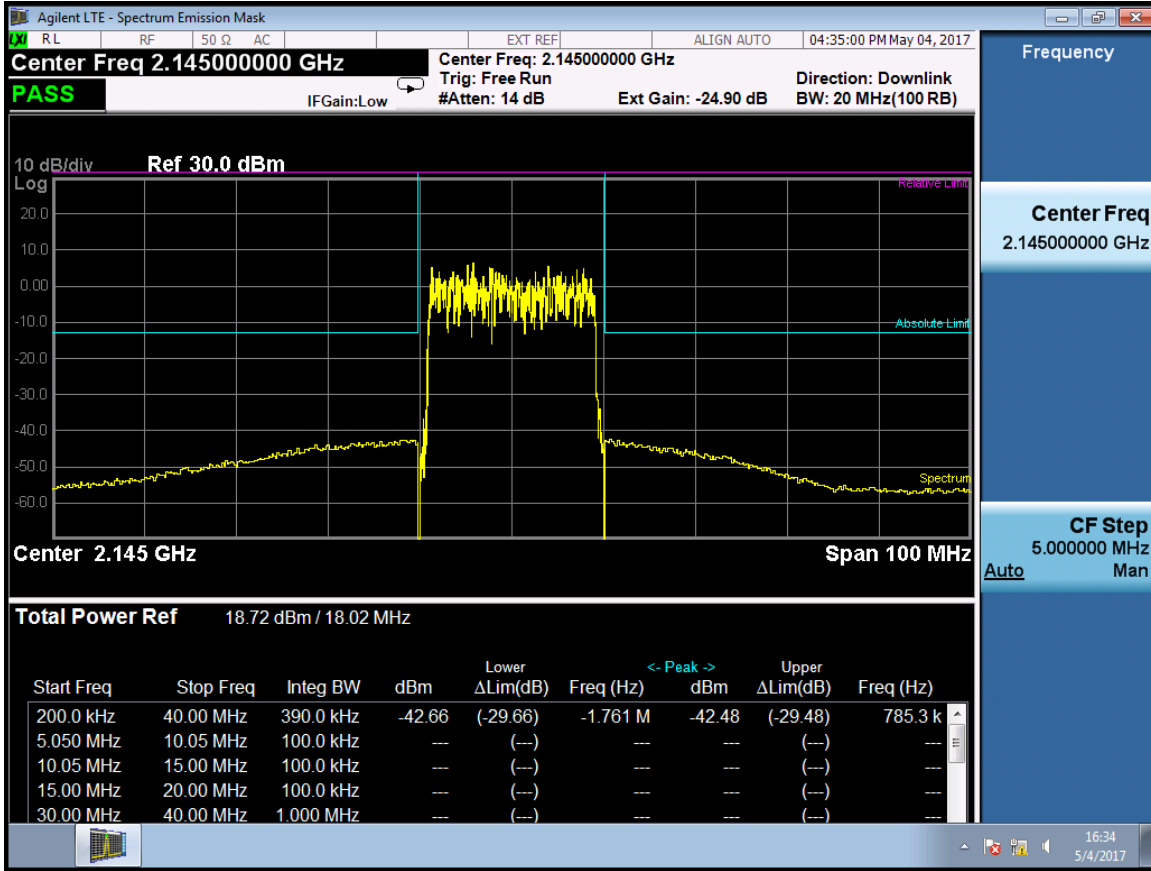
RF 20M(ETM1.1) -Port 1-2120MHz



RF 20M(ETM1.1) -Port 1-2132.5MHz



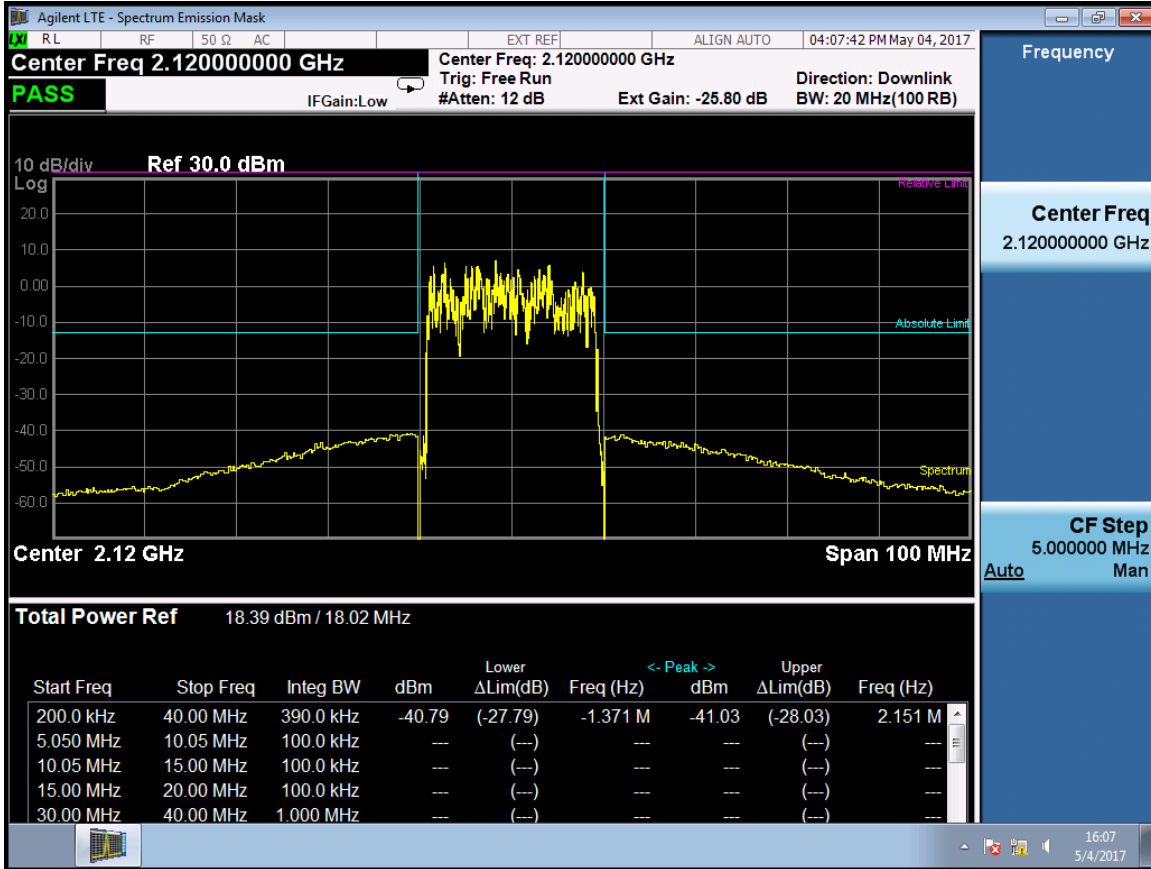
RF 20M(ETM1.1) -Port 1-2145MHz



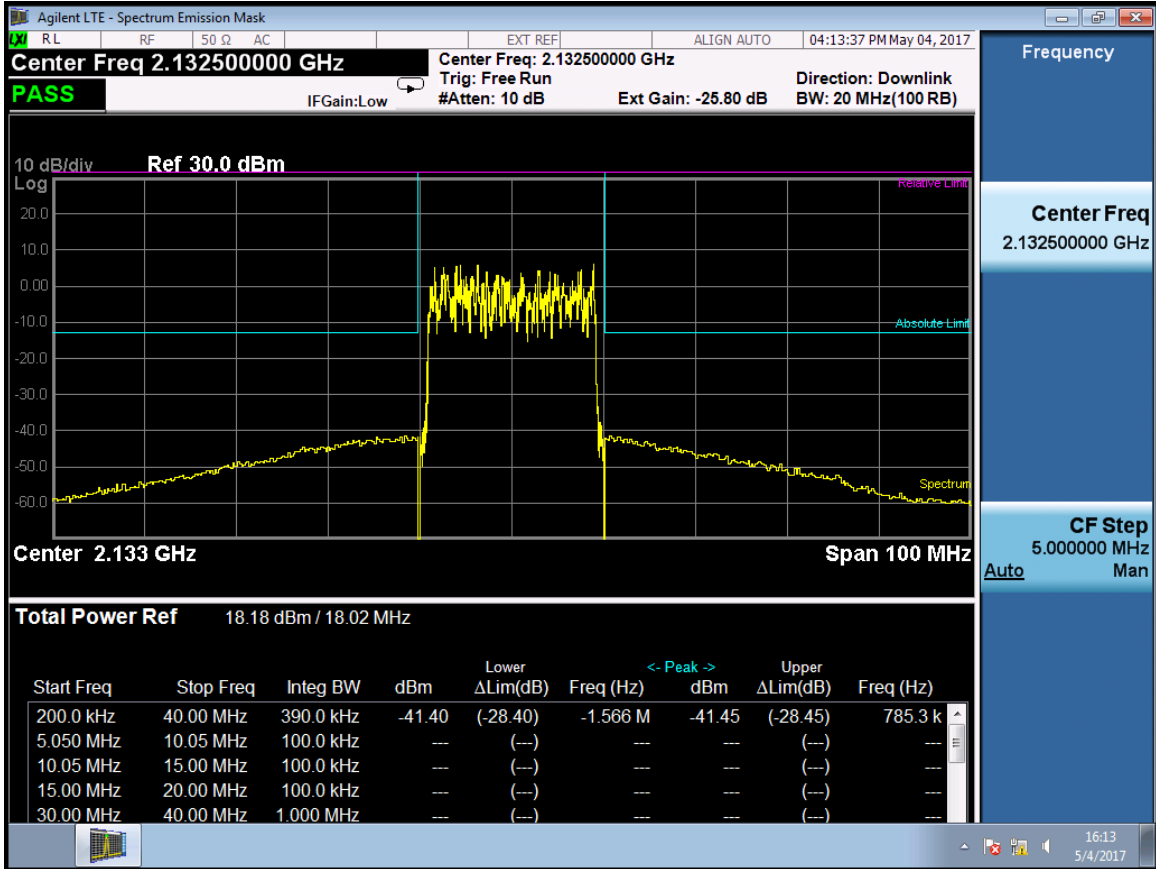
RF Bandwidth :IBW 20MHz(ETM1.2)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	2120	-40.79	-13
	2132.5	-41.40	-13
	2145	-41.80	-13
1	2120	-41.26	-13
	2132.5	-41.48	-13
	2145	-41.62	-13

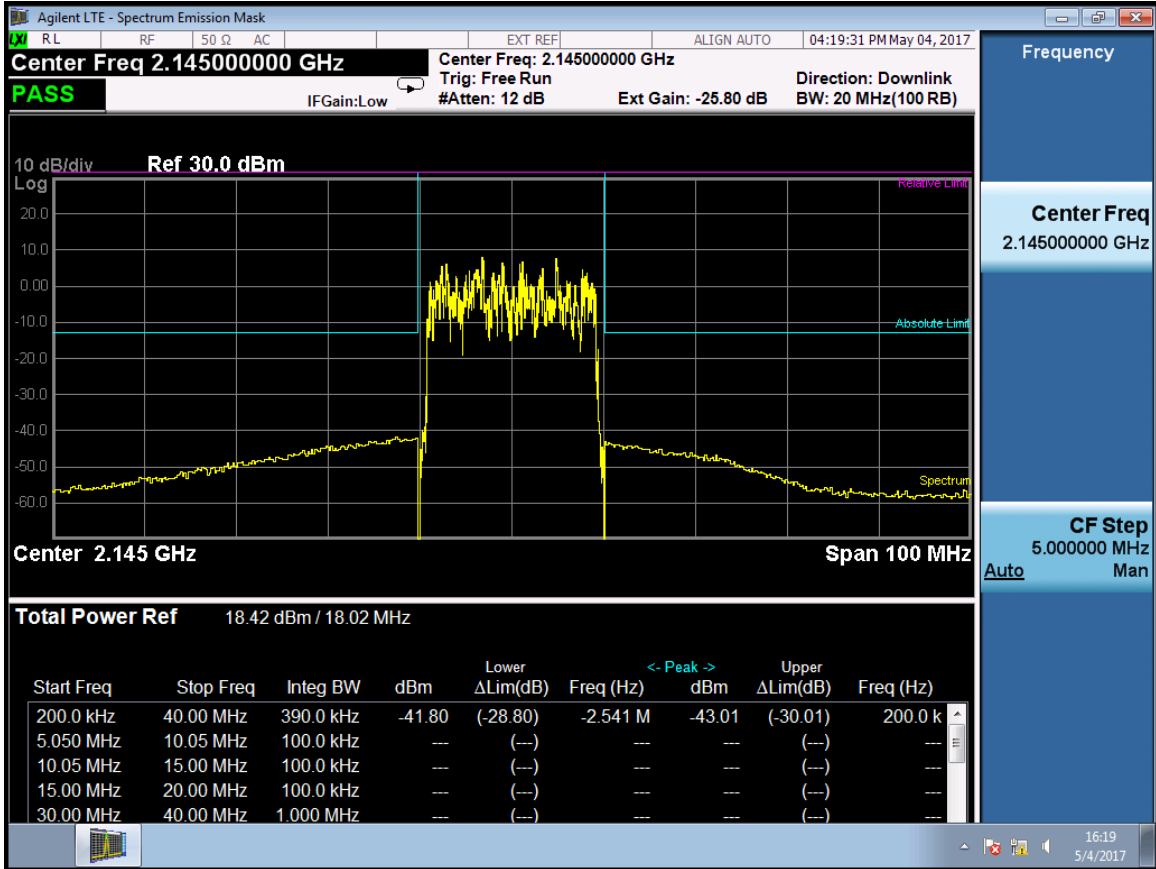
RF 20M(ETM1.2) -Port 0-2120MHz



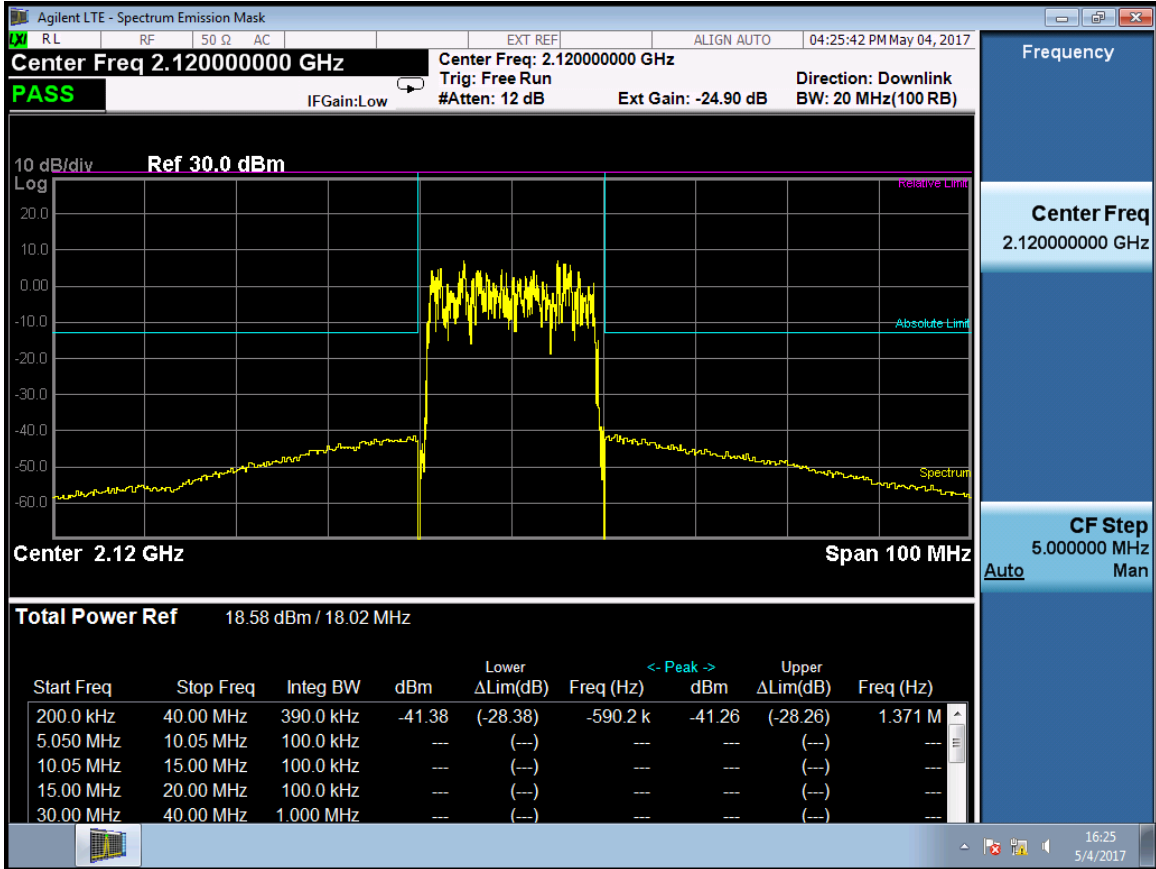
RF 20M(ETM1.2) -Port 0-2132.5MHz



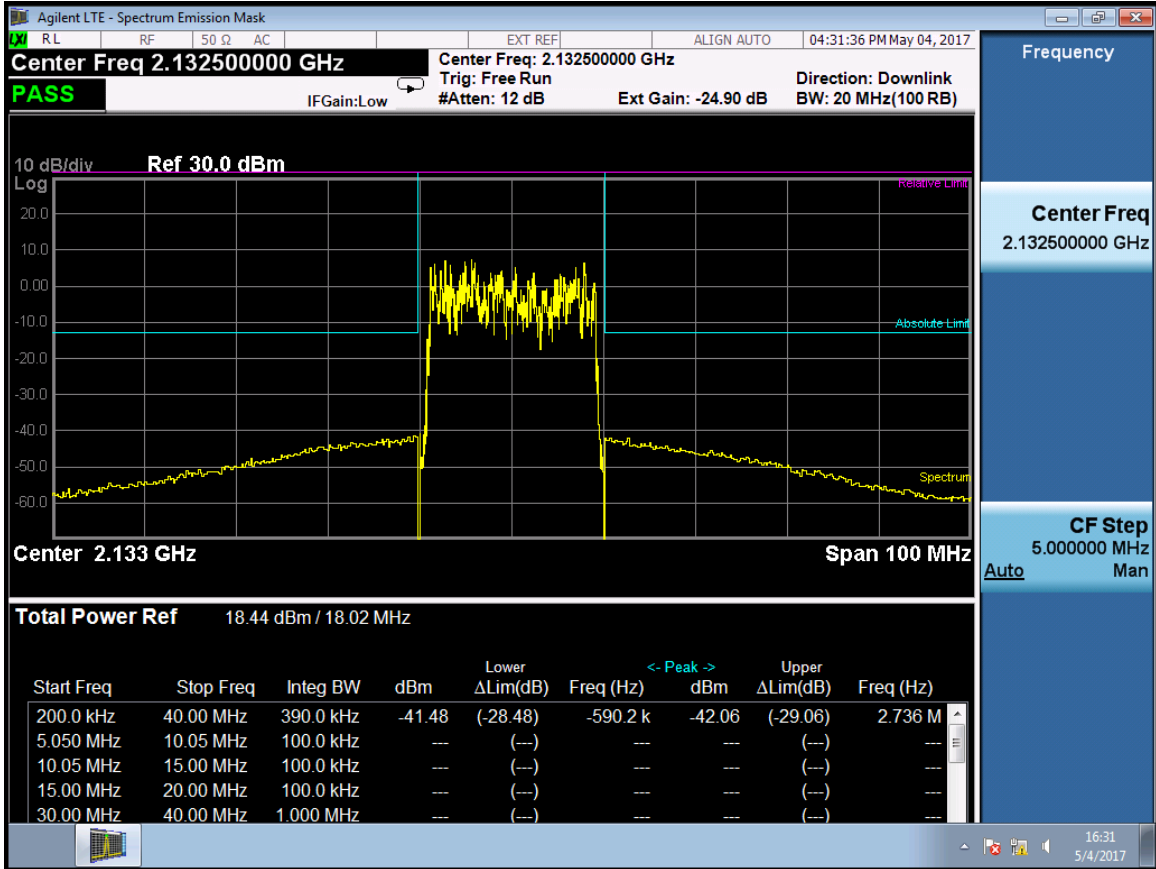
RF 20M(ETM1.2) -Port 0-2145MHz



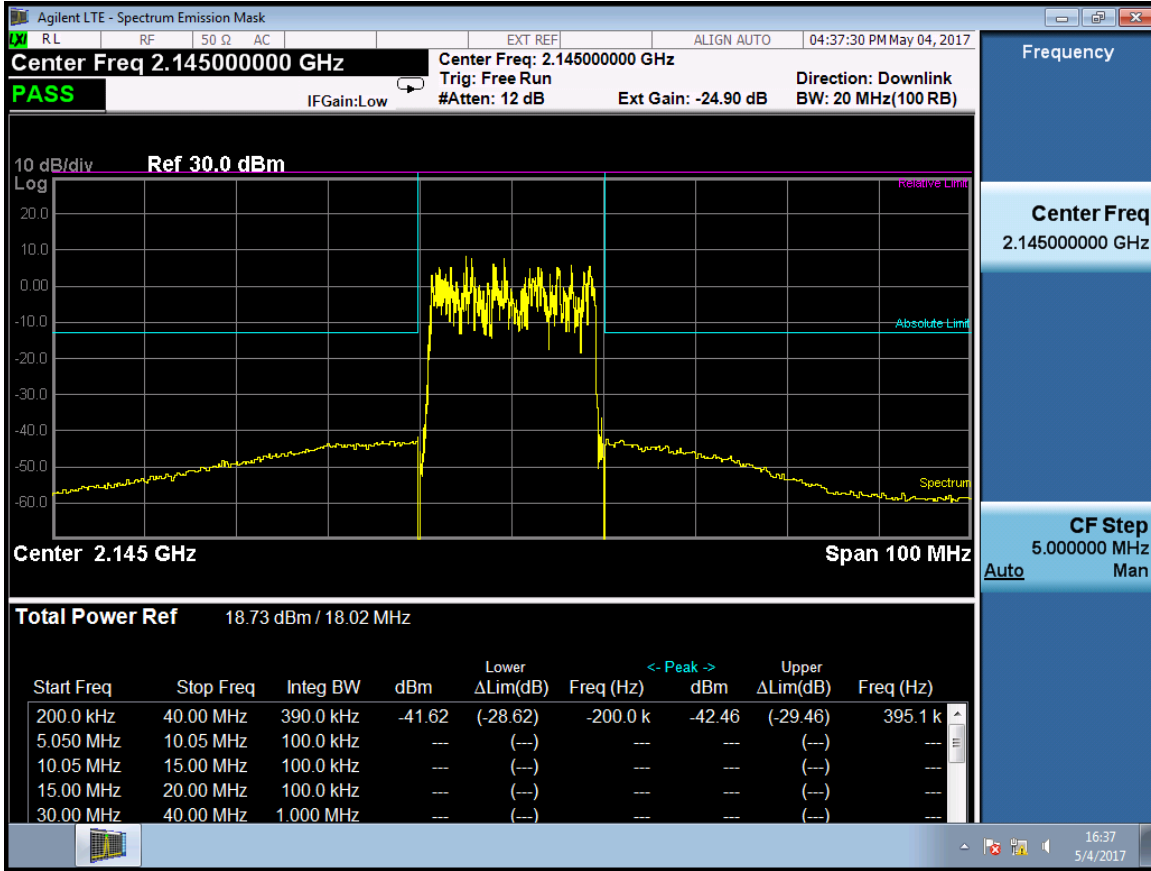
RF 20M(ETM1.2) -Port 1-2120MHz



RF 20M(ETM1.2) -Port 1-2132.5MHz



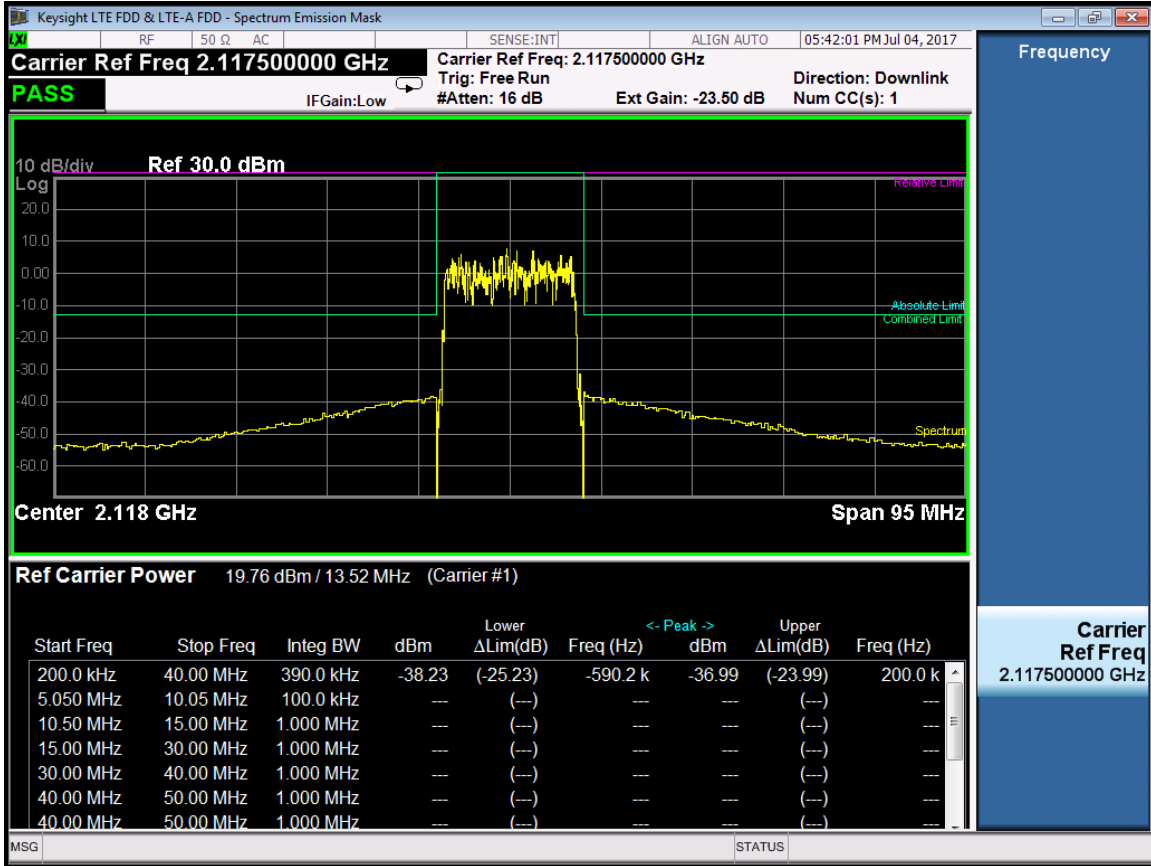
RF 20M(ETM1.2) -Port 1-2145MHz



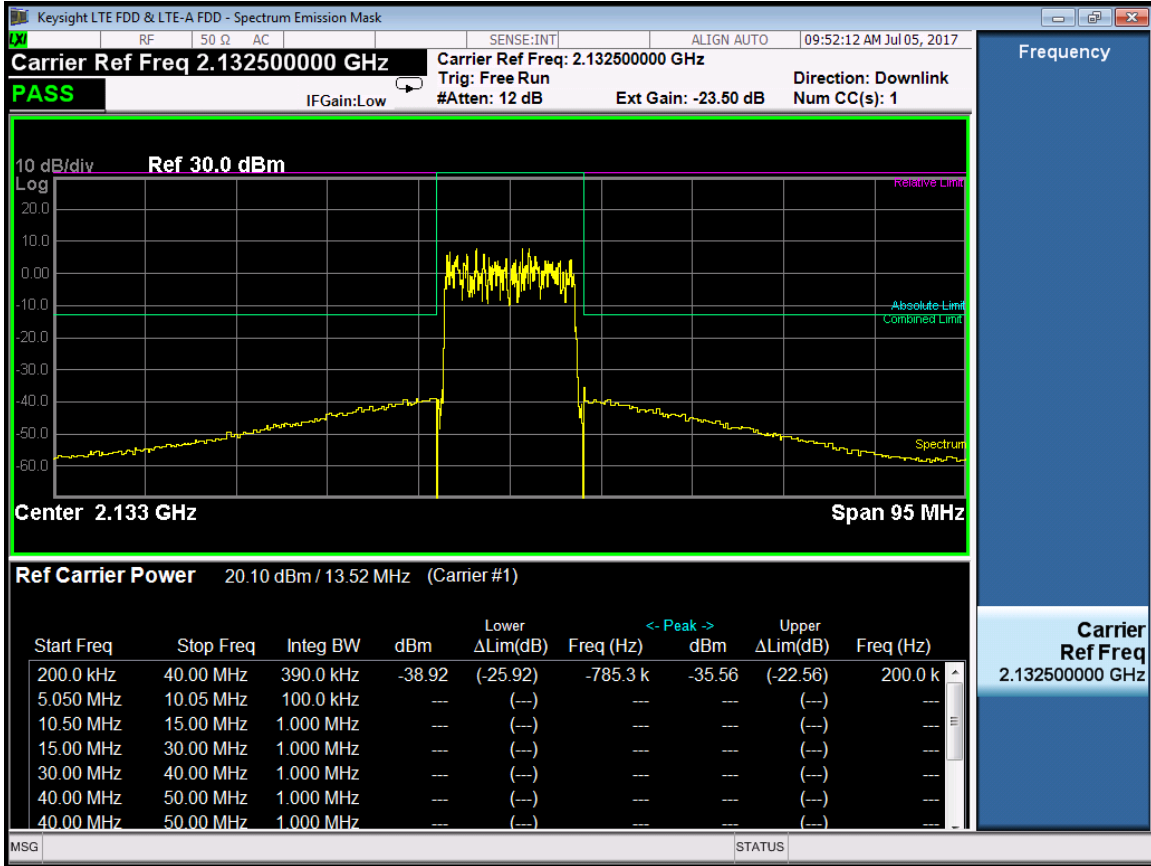
RF Bandwidth :IBW 15MHz(ETM1.1)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	2117.5	-38.23	-13
	2132.5	-38.92	-13
	2147.5	-38.12	-13
1	2117.5	-38.84	-13
	2132.5	-40.07	-13
	2147.5	-39.54	-13

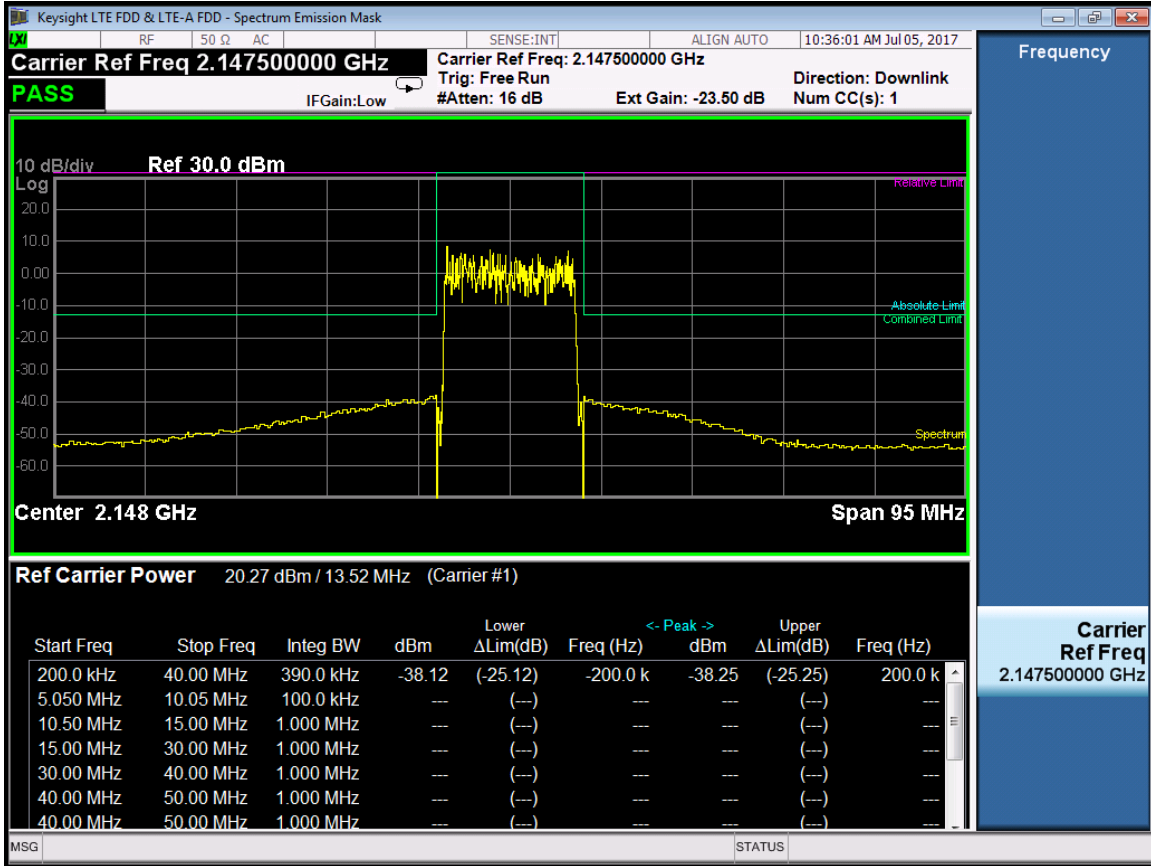
RF (ETM1.1) -Port 0-2117.5MHz



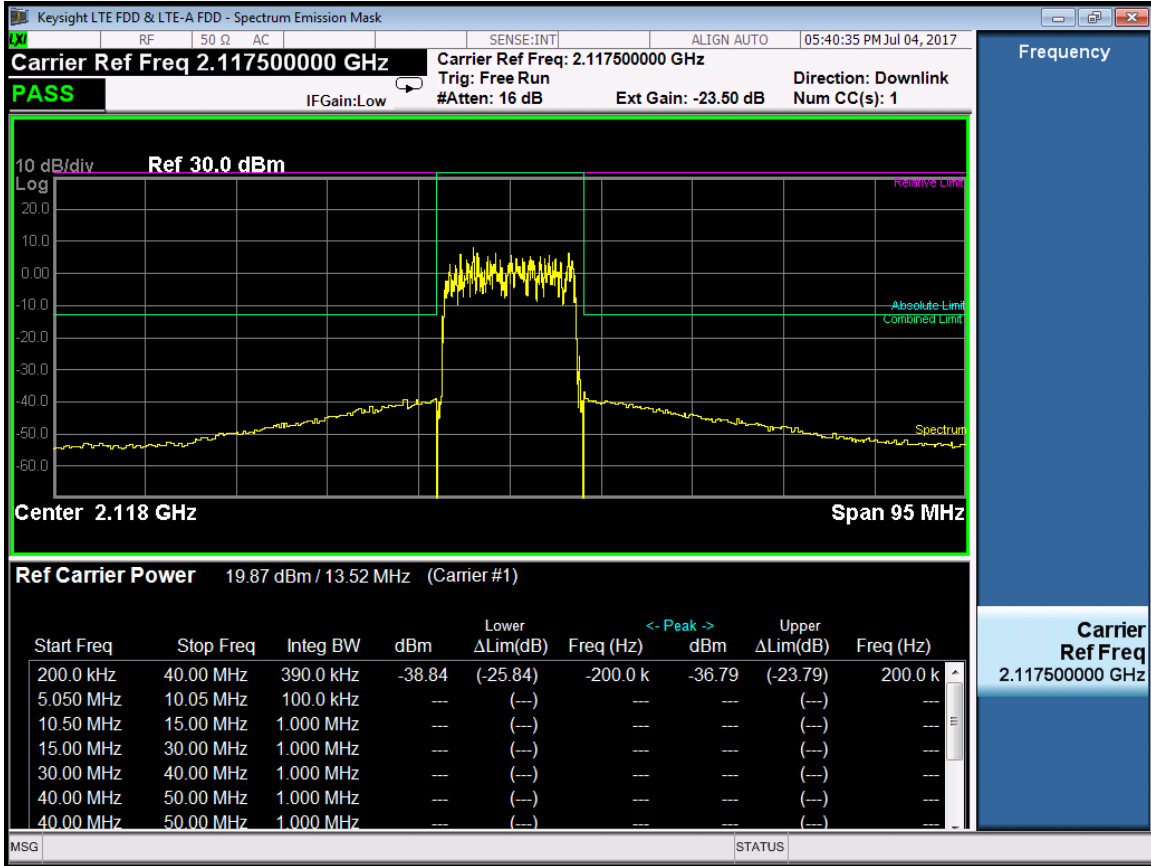
RF (ETM1.1) -Port 0-2132.5MHz



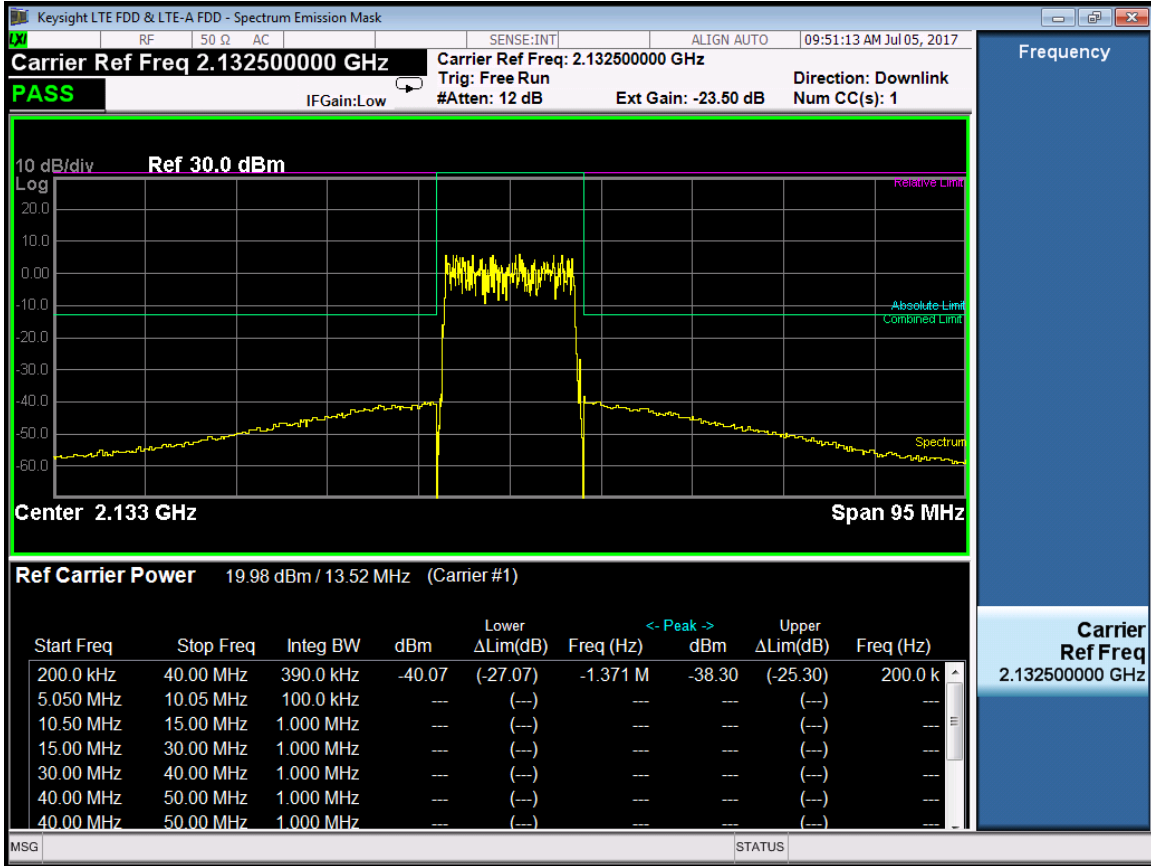
RF (ETM1.1) -Port 0-2147.5MHz



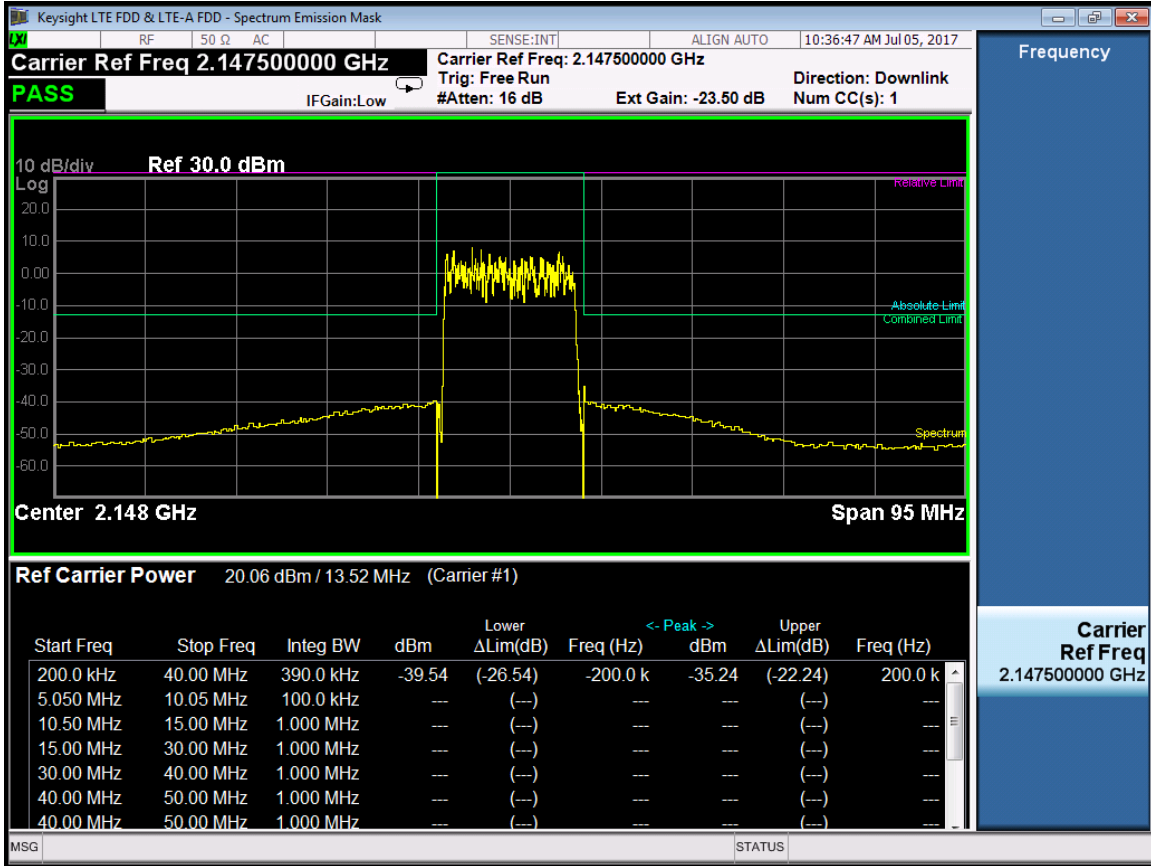
RF (ETM1.1) -Port 1-2117.5MHz



RF (ETM1.1) -Port 1-2132.5MHz



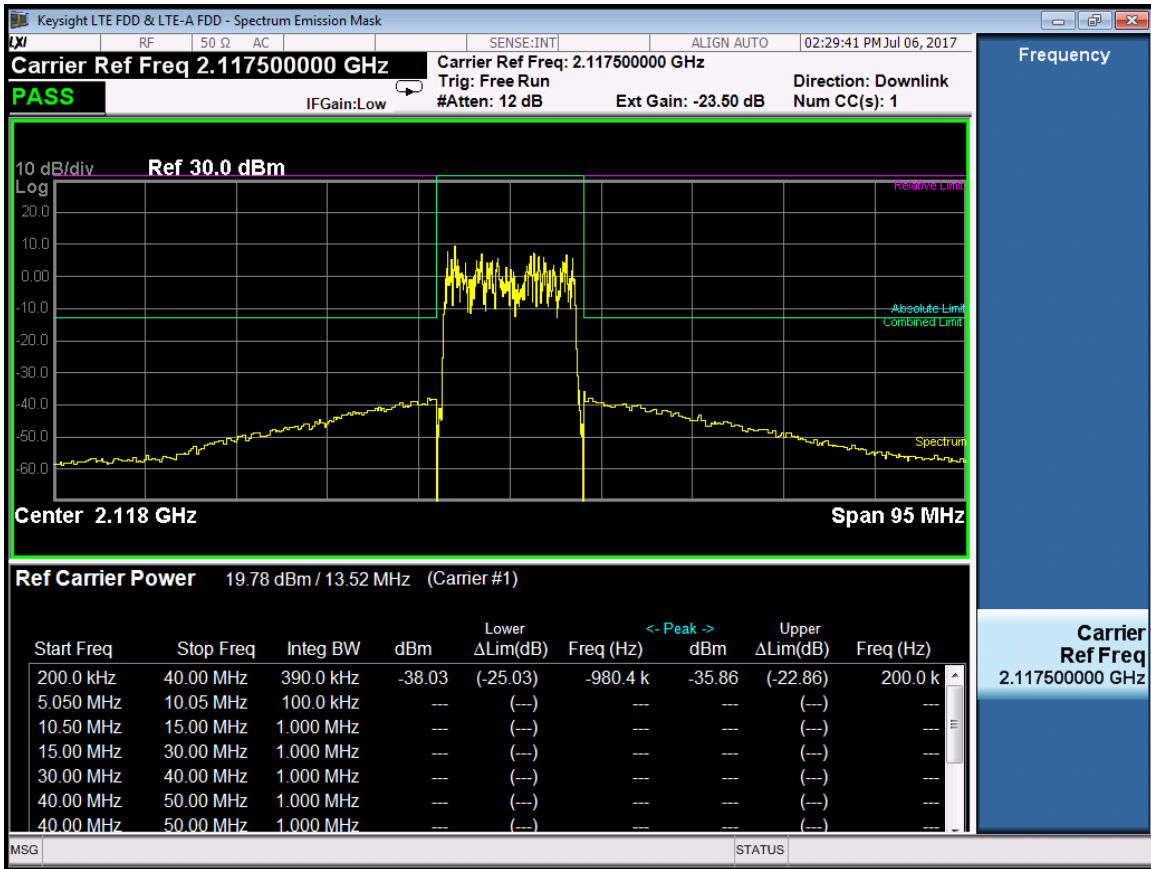
RF (ETM1.1) -Port 1-2147.5MHz



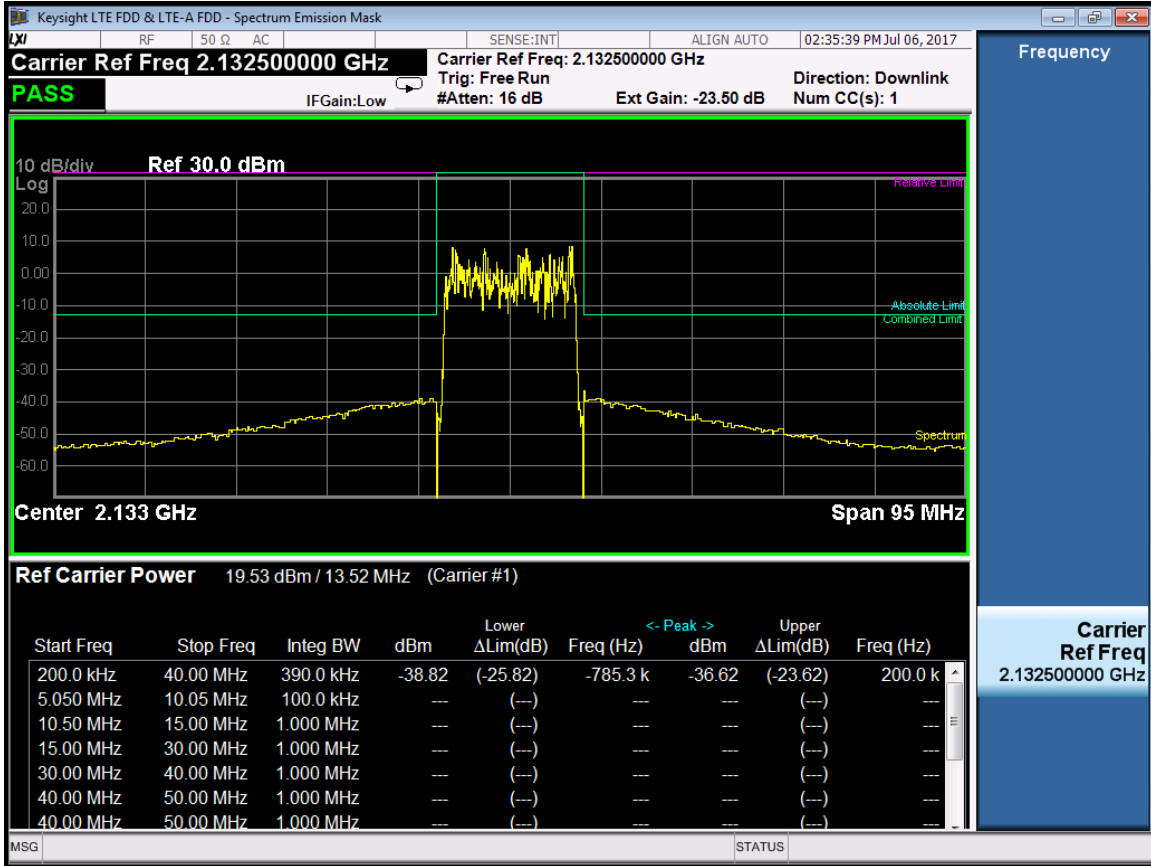
RF Bandwidth :IBW 15MHz(ETM1.2)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	2117.5	-38.23	-13
	2132.5	-38.92	-13
	2147.5	-38.12	-13
1	2117.5	-38.84	-13
	2132.5	-40.07	-13
	2147.5	-39.54	-13

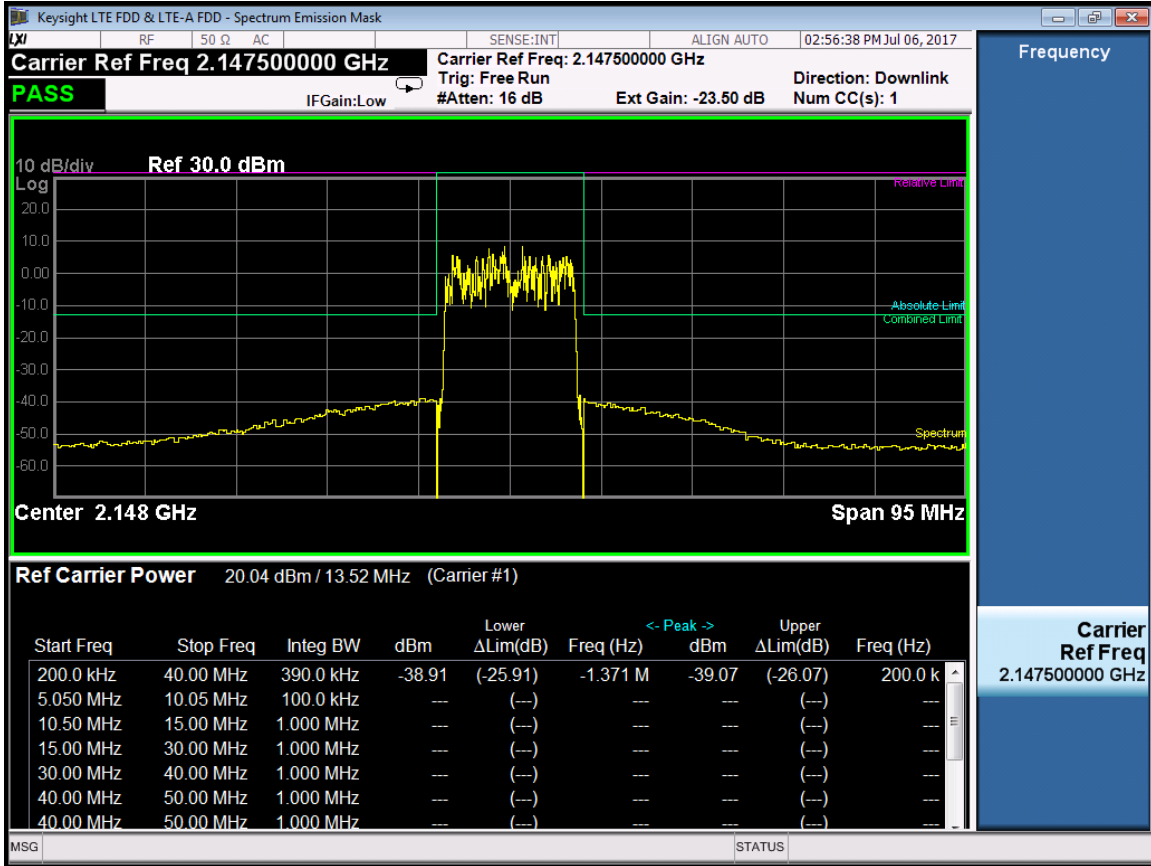
RF (ETM1.2) -Port 0-2117.5MHz



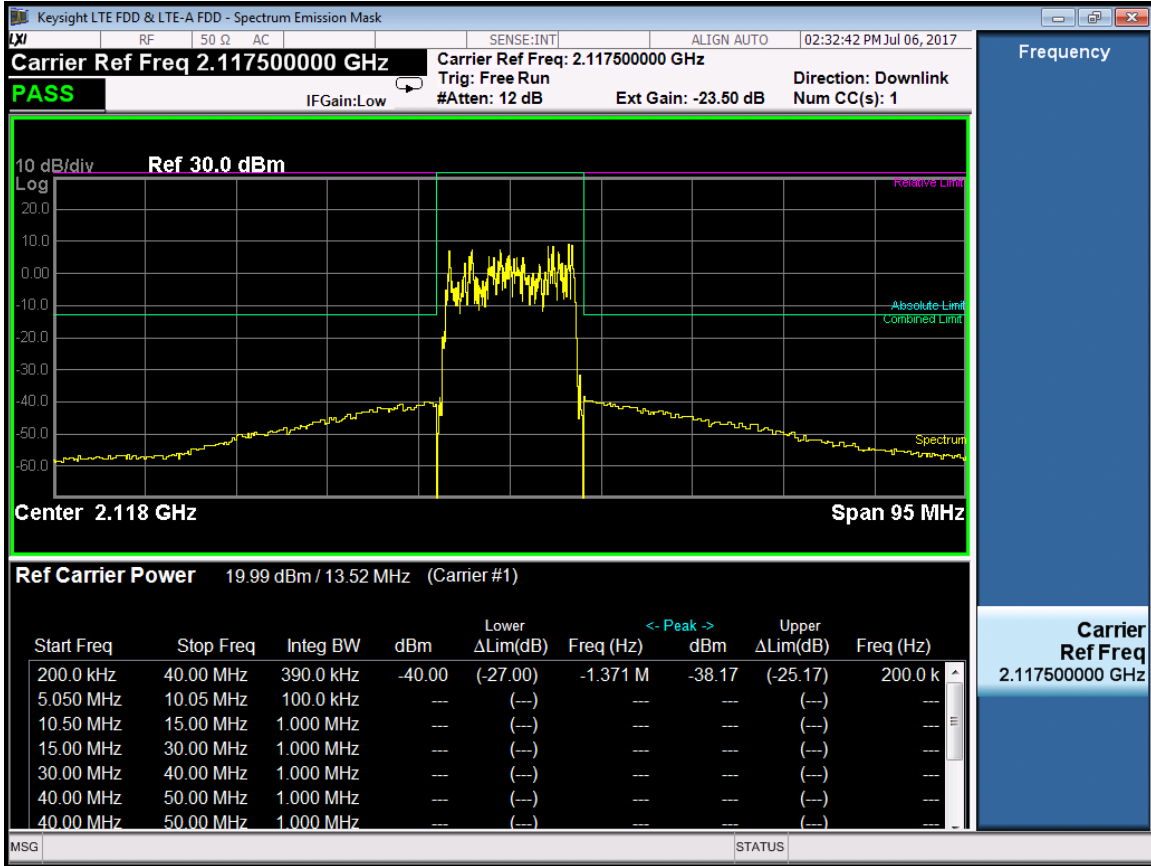
RF (ETM1.2) -Port 0-2132.5MHz



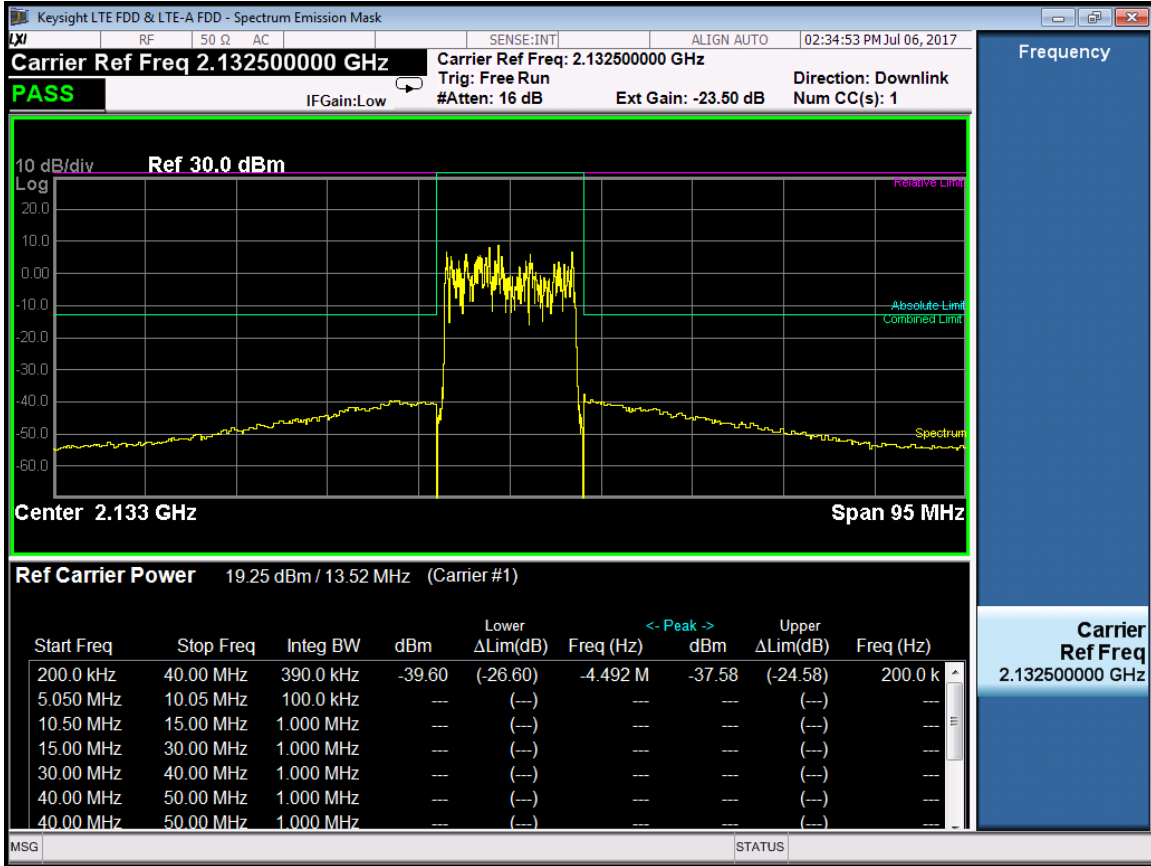
RF (ETM1.2) -Port 0-2147.5MHz



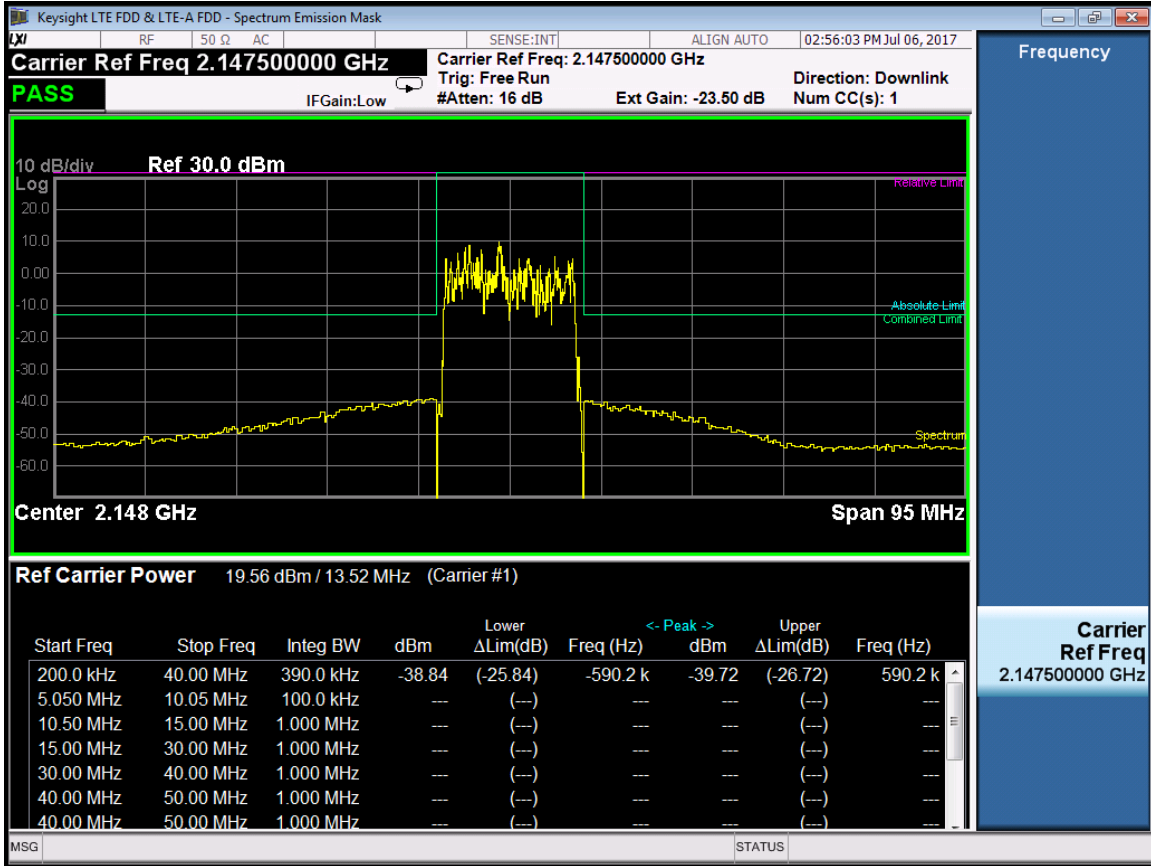
RF (ETM1.2) -Port 1-2117.5MHz



RF (ETM1.2) -Port 1-2132.5MHz



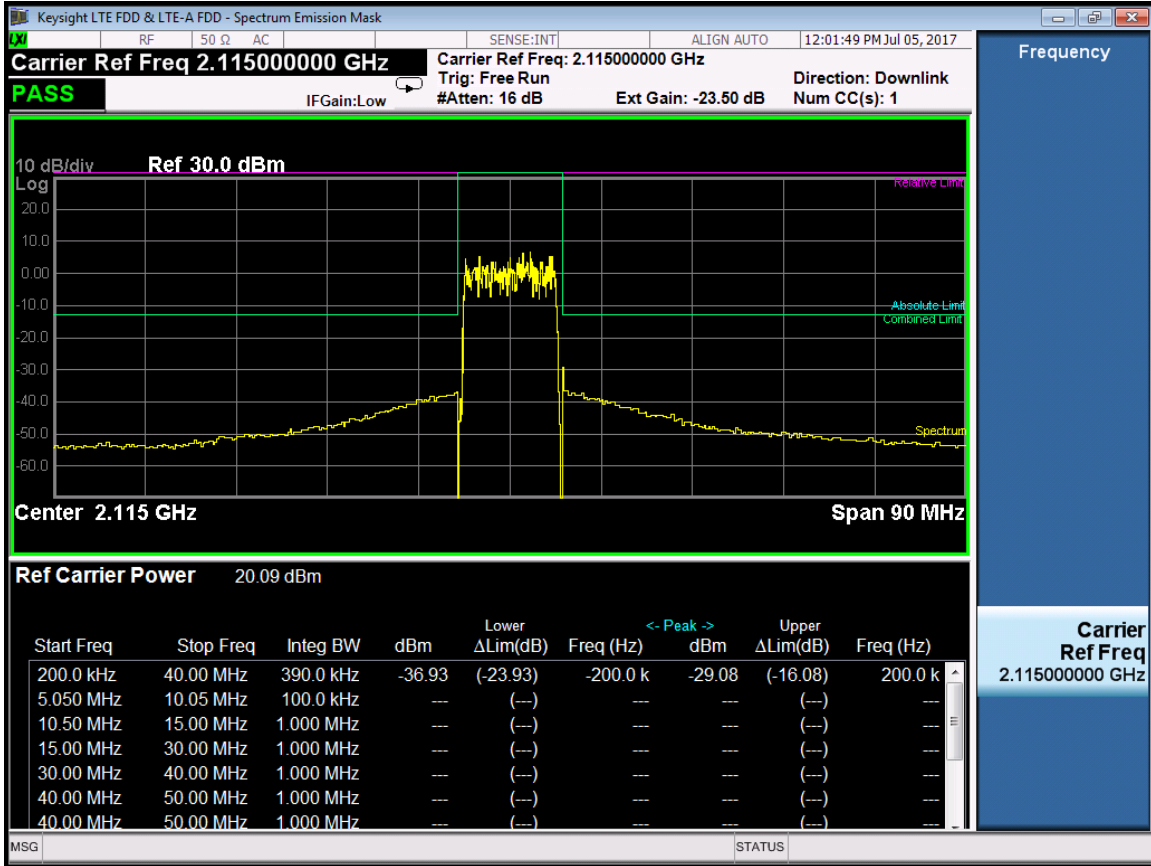
RF (ETM1.2) -Port 1-2147.5MHz



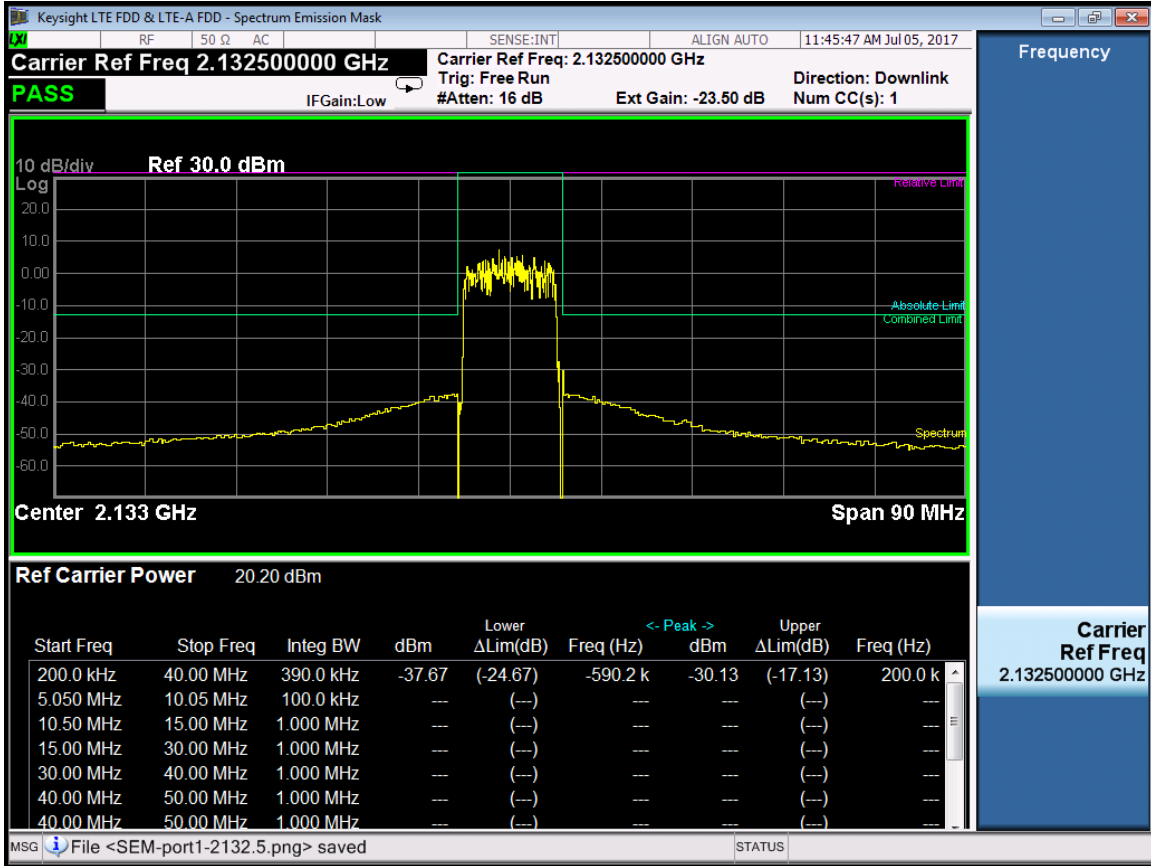
RF Bandwidth :IBW 10MHz(ETM1.1)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	2115	-36.93	-13
	2132.5	-37.67	-13
	2150	-36.5	-13
1	2115	-37.7	-13
	2132.5	-38.95	-13
	2150	-38.09	-13

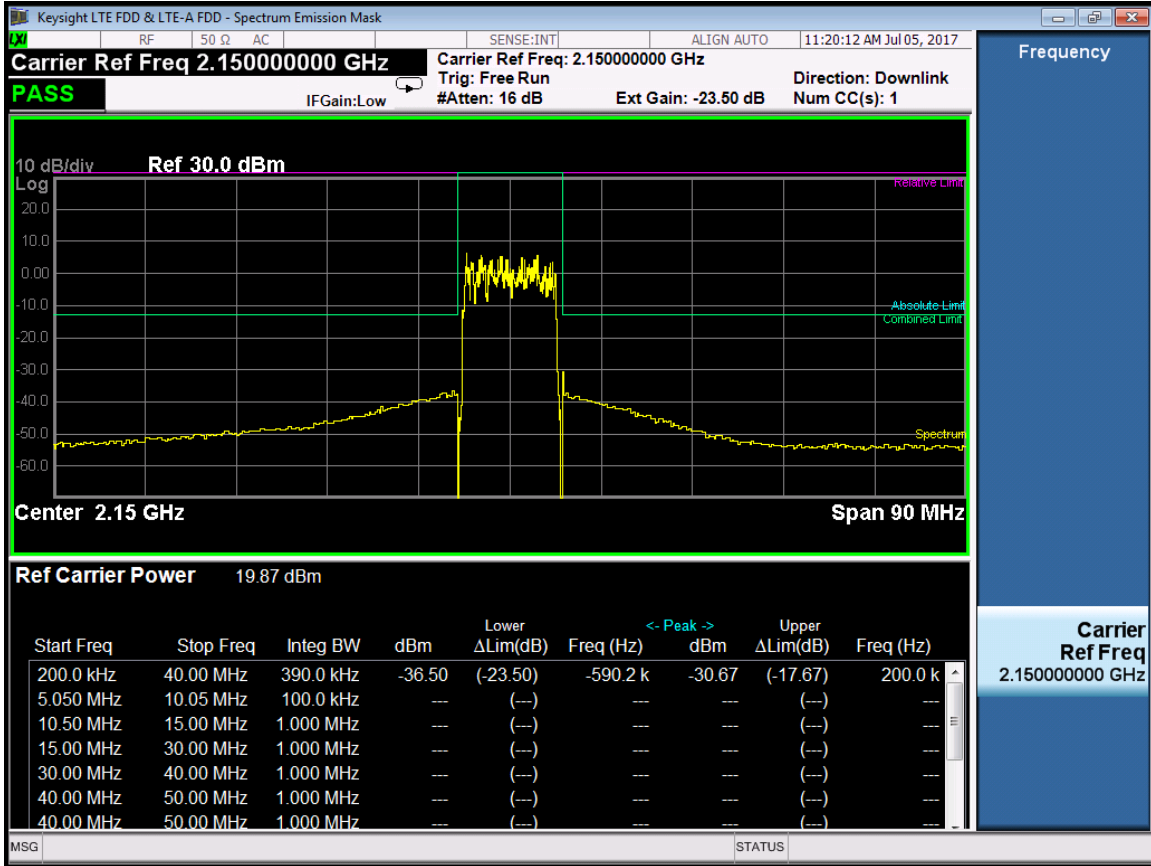
RF (ETM1.1) -Port 0-2115MHz



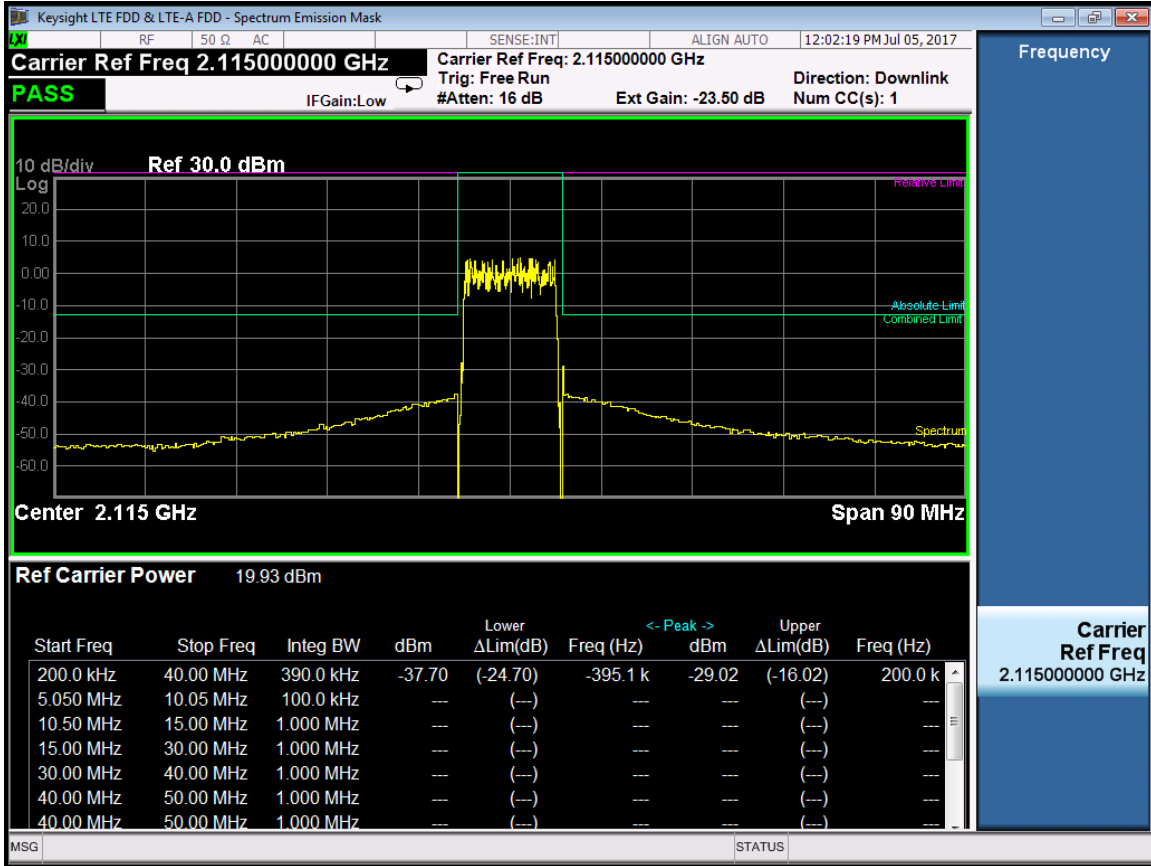
RF (ETM1.1) -Port 0-2132.5MHz



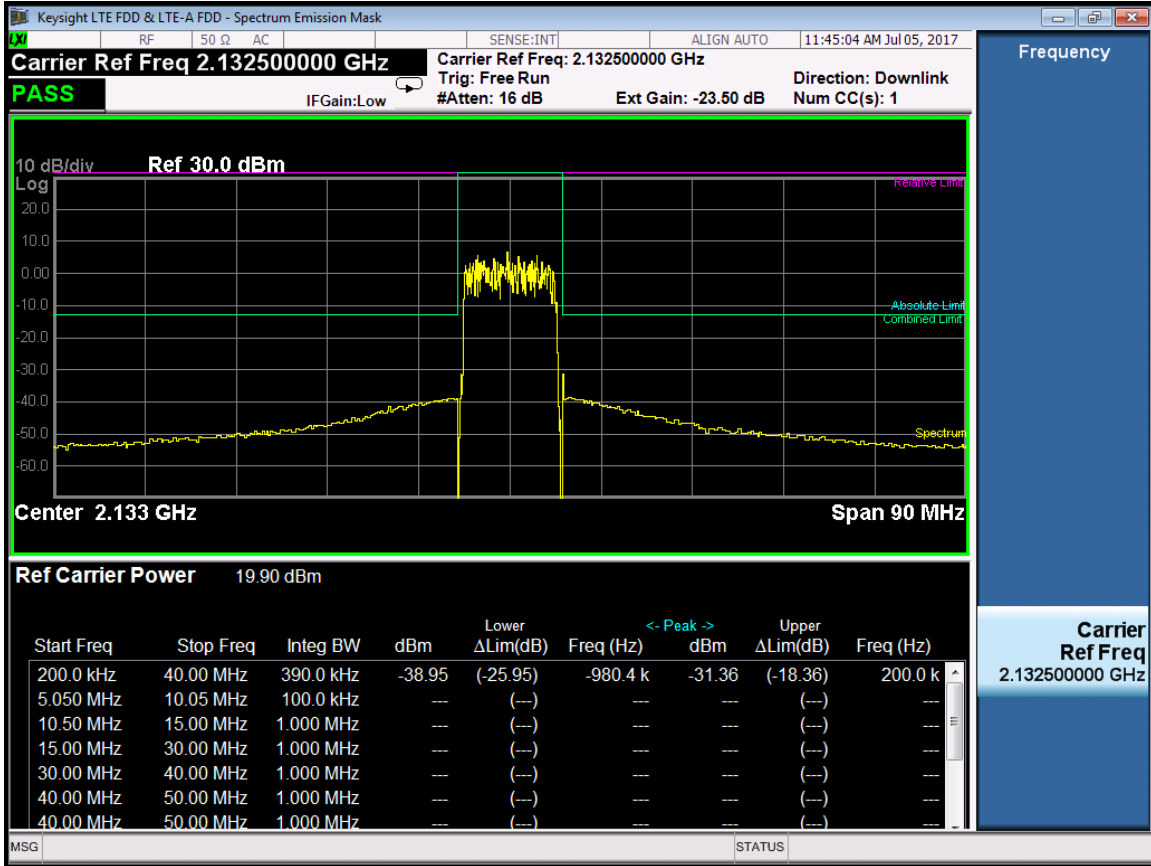
RF (ETM1.1) -Port 0-2150MHz



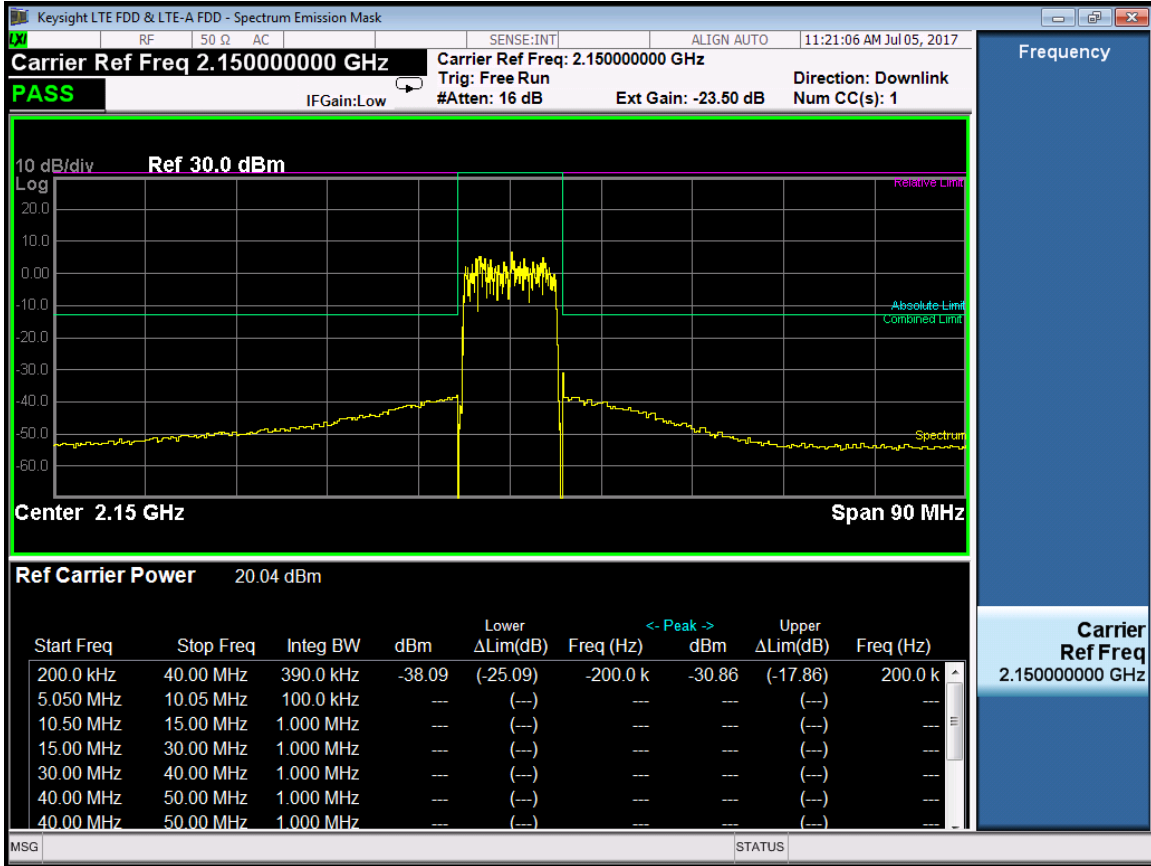
RF (ETM1.1) -Port 1-2115MHz



RF (ETM1.1) -Port 1-2132.5MHz



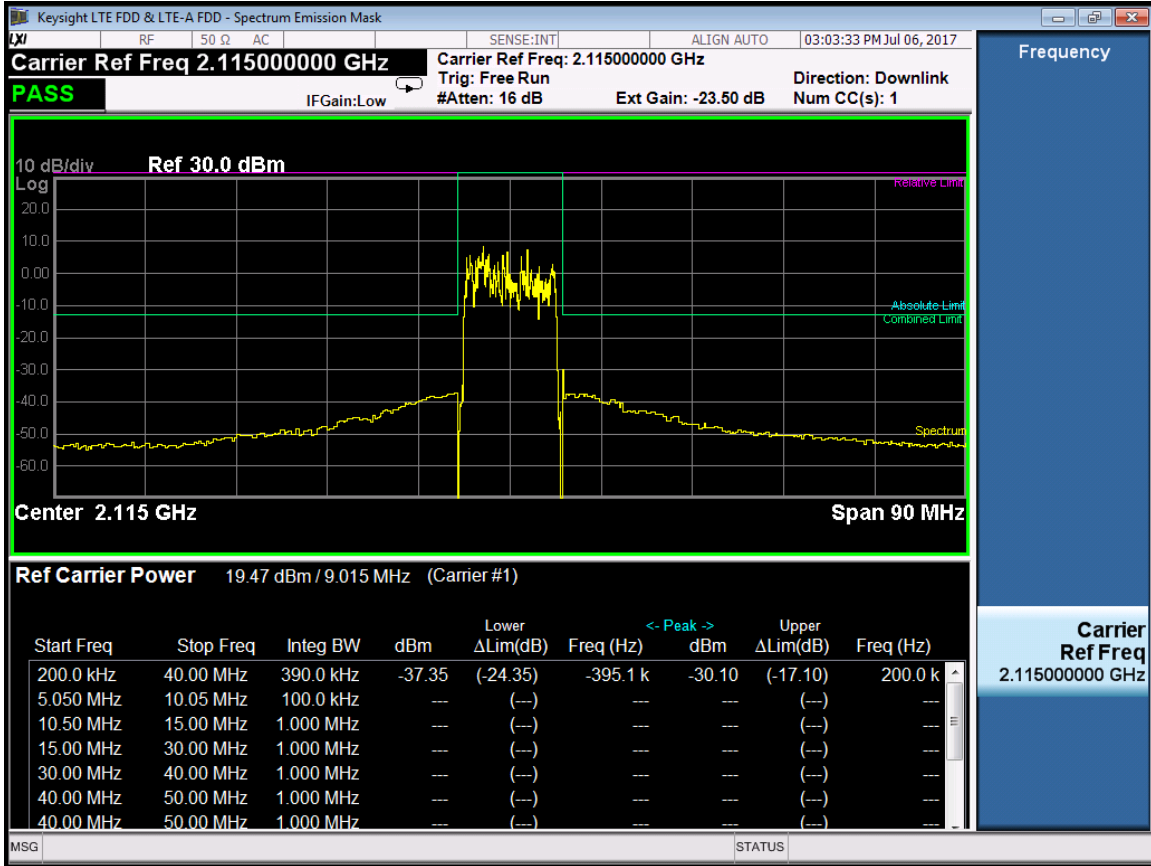
RF (ETM1.1) -Port 1-2150MHz



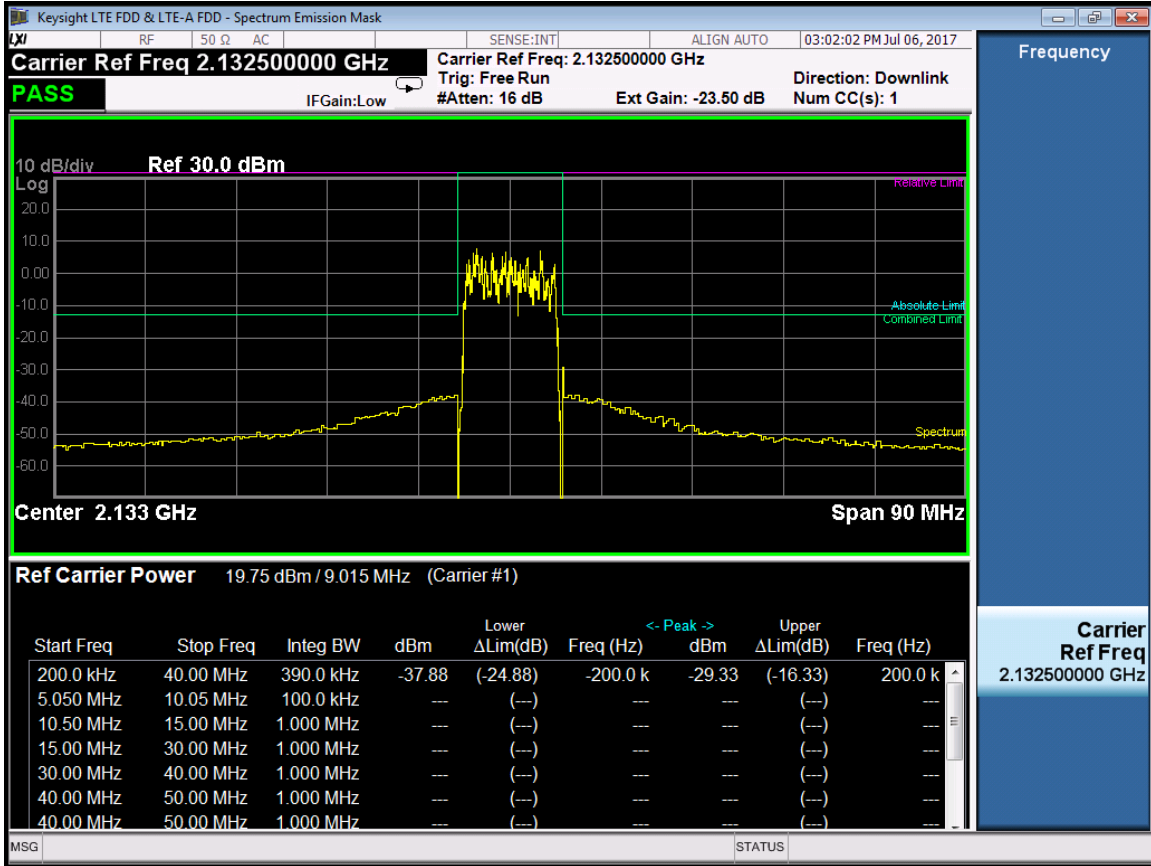
RF Bandwidth :IBW 10MHz(ETM1.2)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	2115	-37.35	-13
	2132.5	-37.88	-13
	2150	-36.7	-13
1	2115	-37.13	-13
	2132.5	-38.22	-13
	2150	-37.27	-13

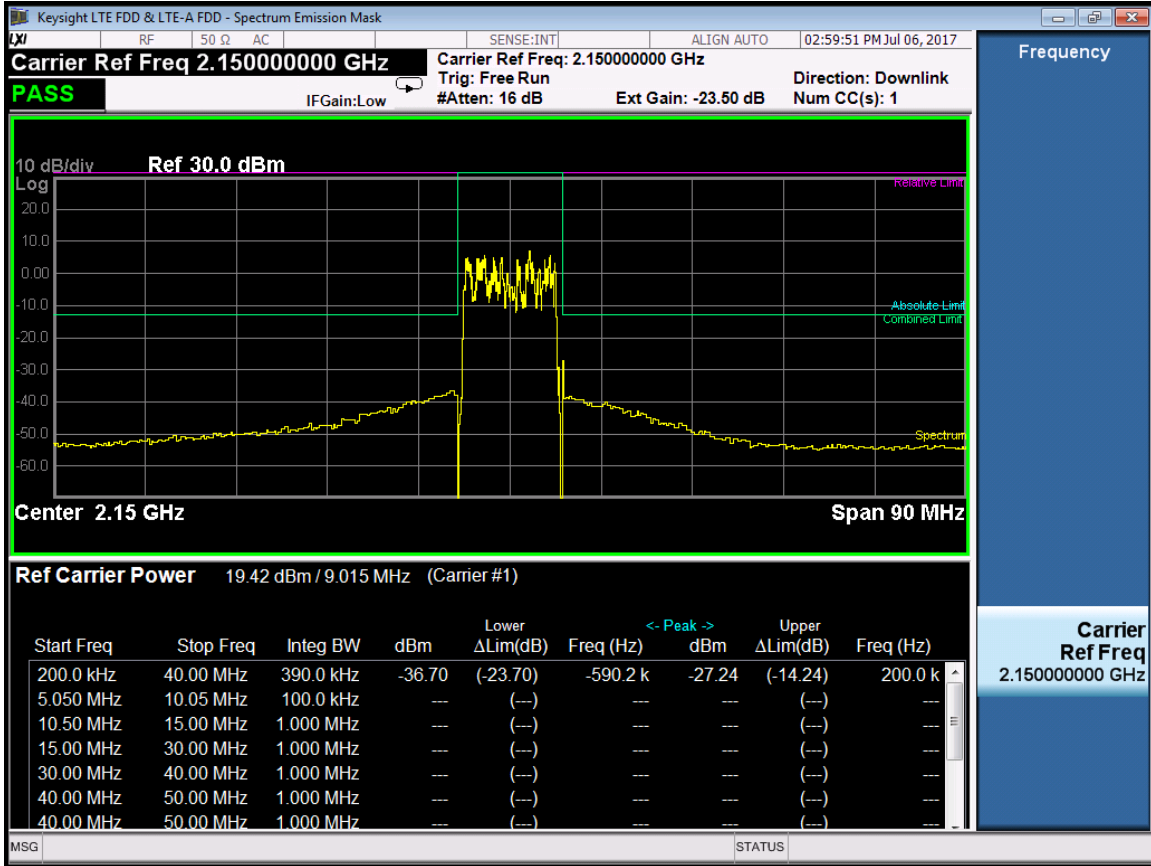
RF (ETM1.2) -Port 0-2115MHz



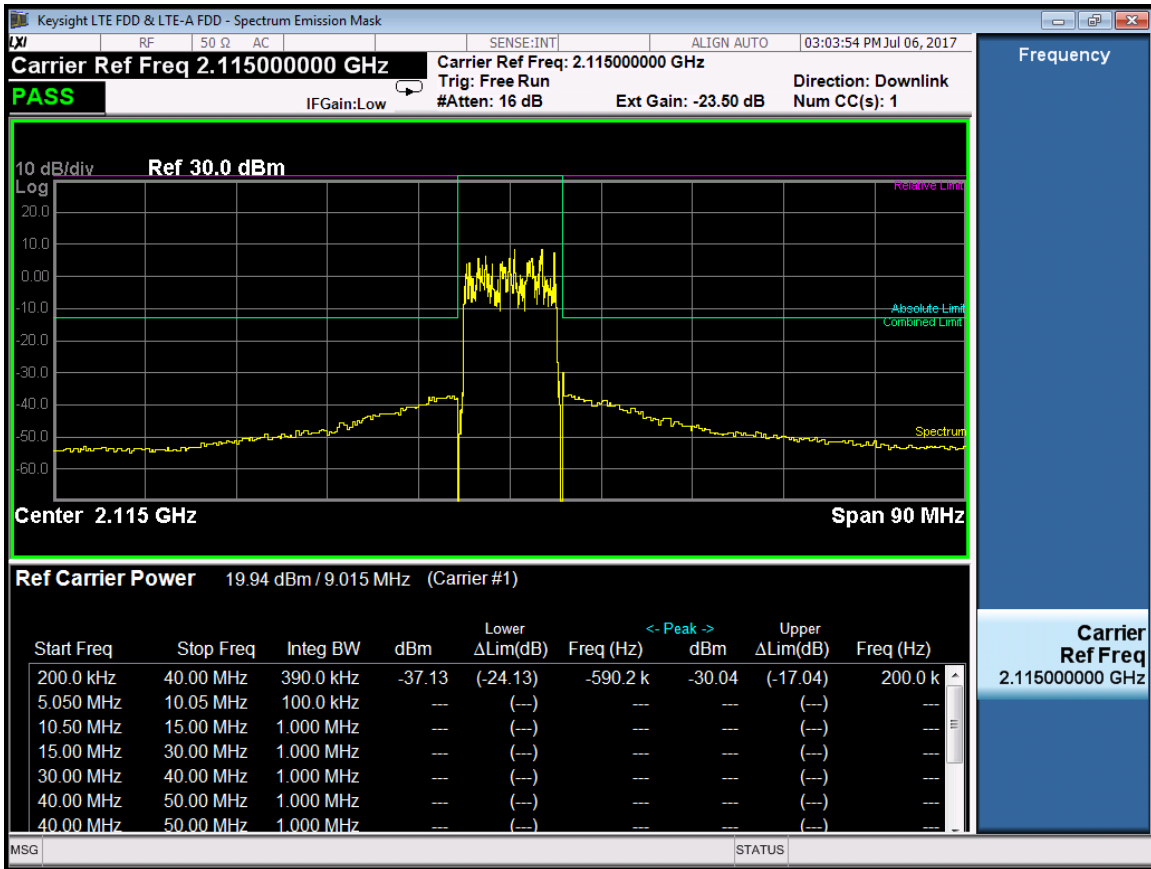
RF (ETM1.2) -Port 0-2132.5MHz



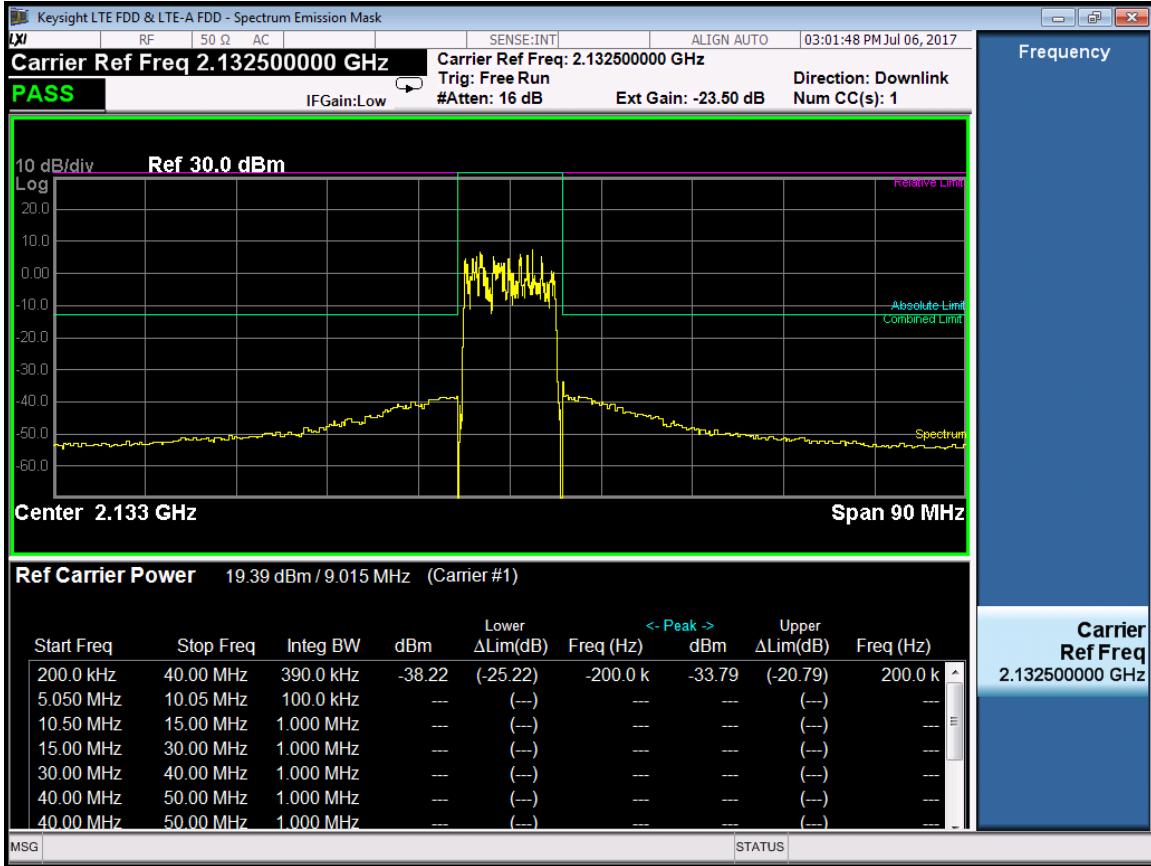
RF (ETM1.2) -Port 0-2150MHz



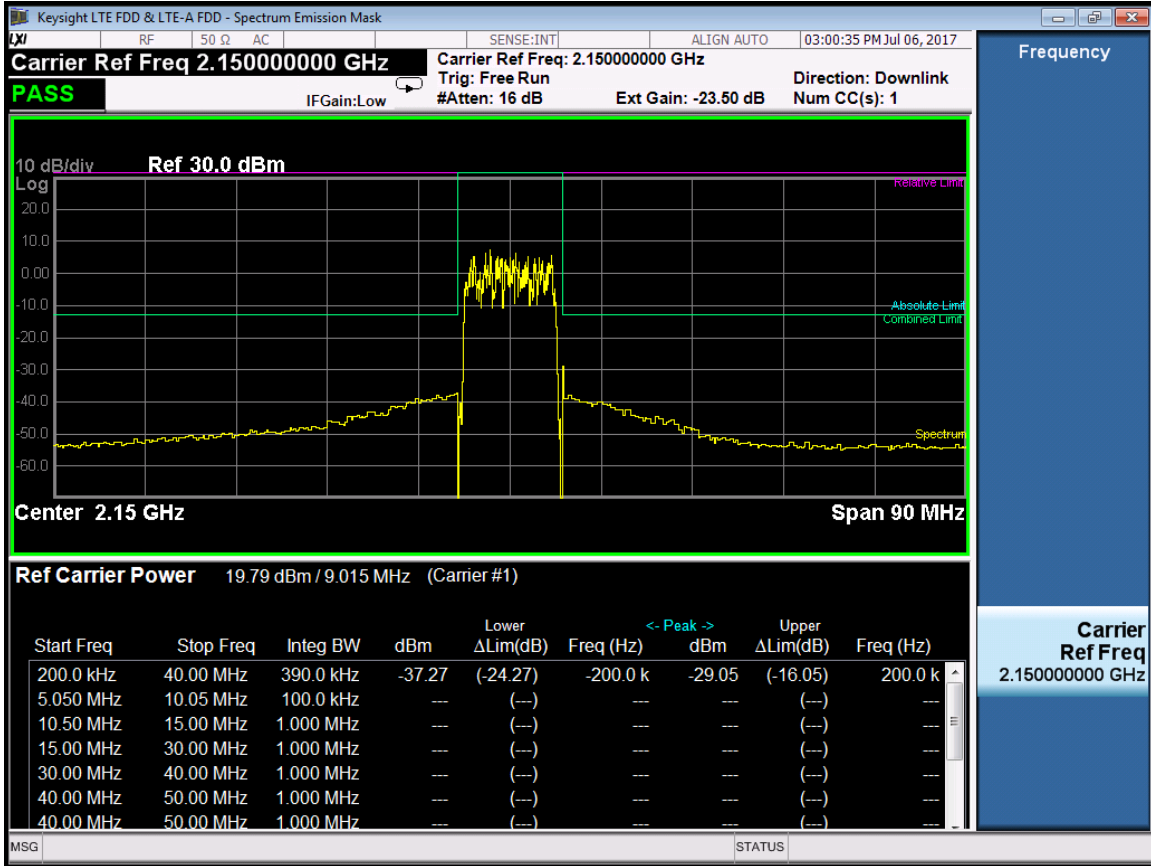
RF (ETM1.2) -Port 1-2115MHz



RF (ETM1.2) -Port 1-2132.5MHz



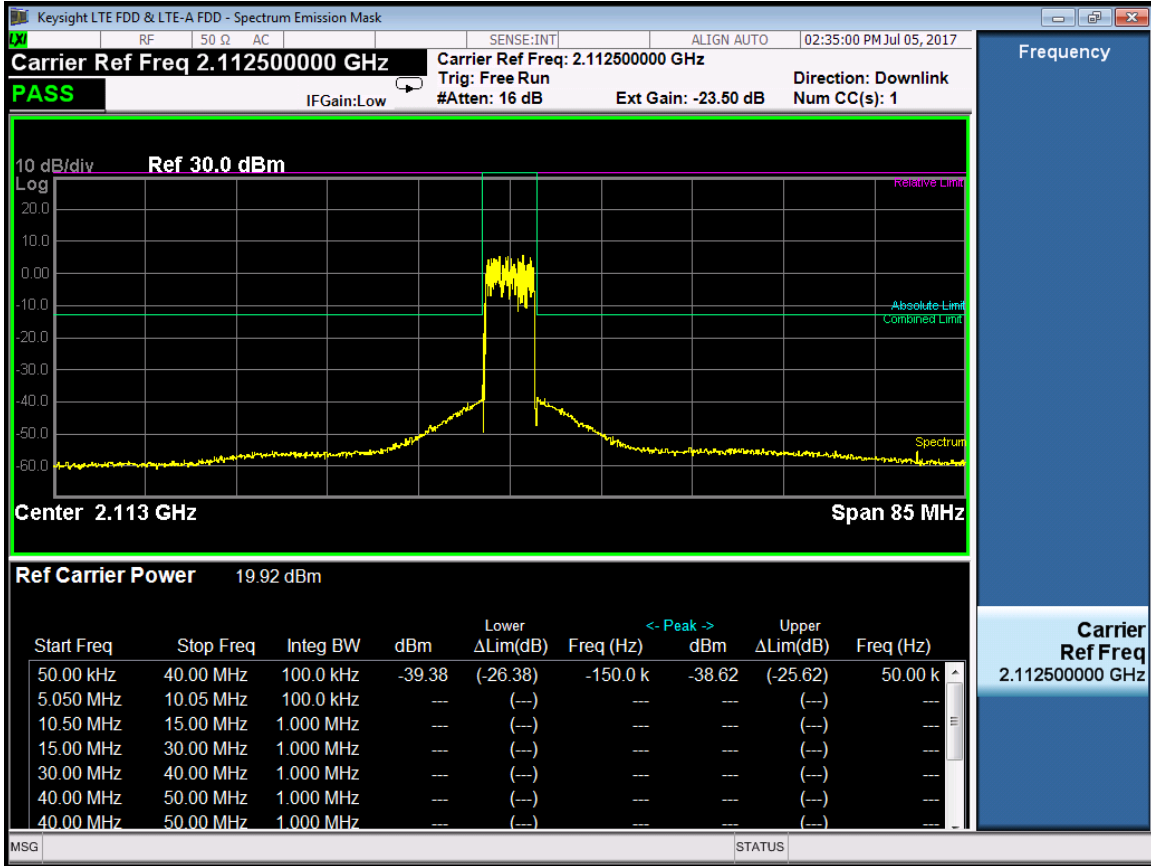
RF (ETM1.2) -Port 1-2150MHz



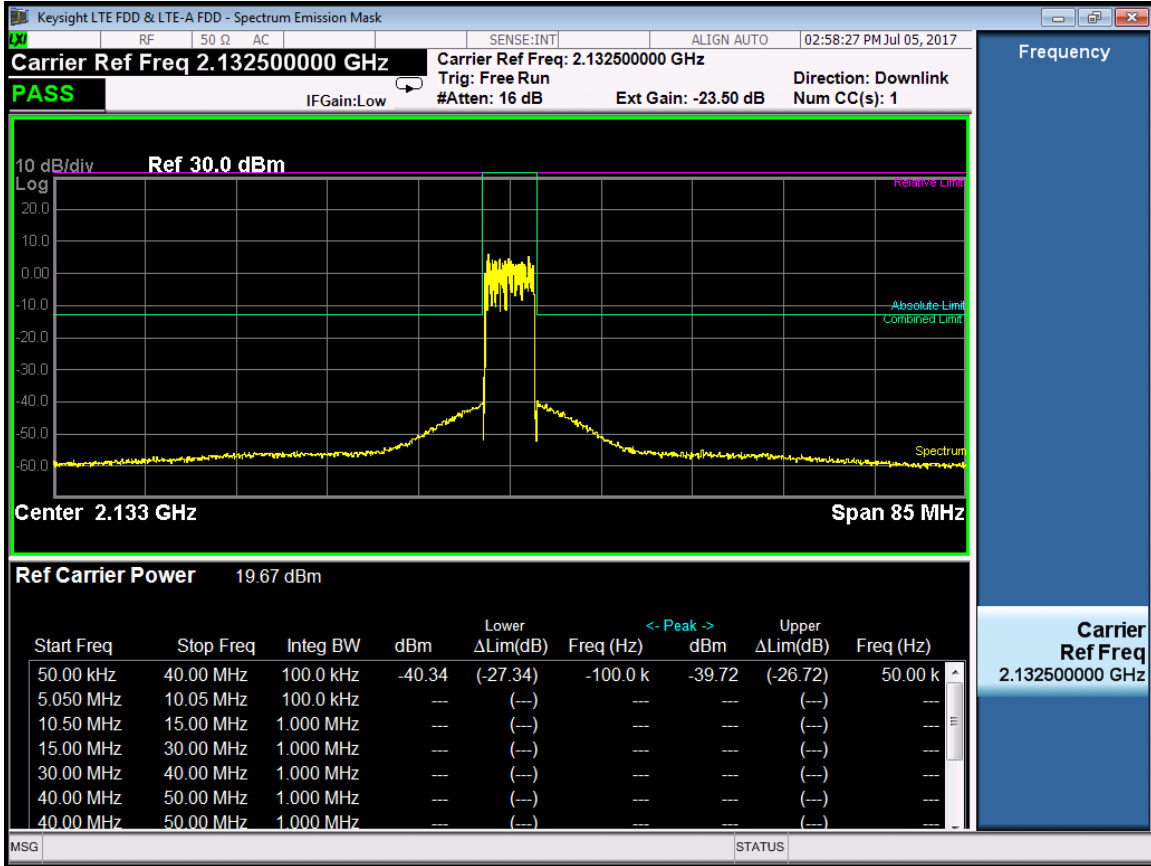
RF Bandwidth :IBW 5MHz(ETM1.1)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	2112.5	-39.38	-13
	2132.5	-40.34	-13
	2152.5	-38.56	-13
1	2112.5	-40.49	-13
	2132.5	-40.8	-13
	2152.5	-40.85	-13

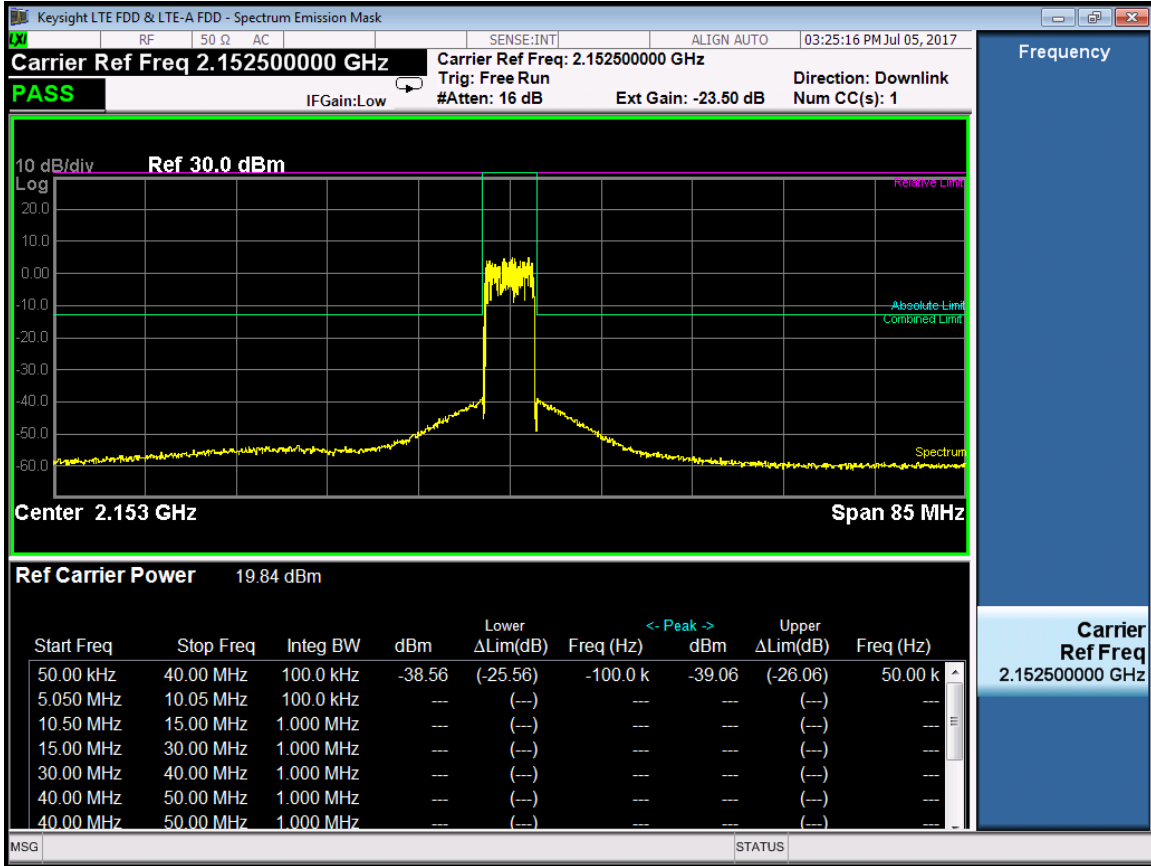
RF (ETM1.1) -Port 0-2112.5MHz



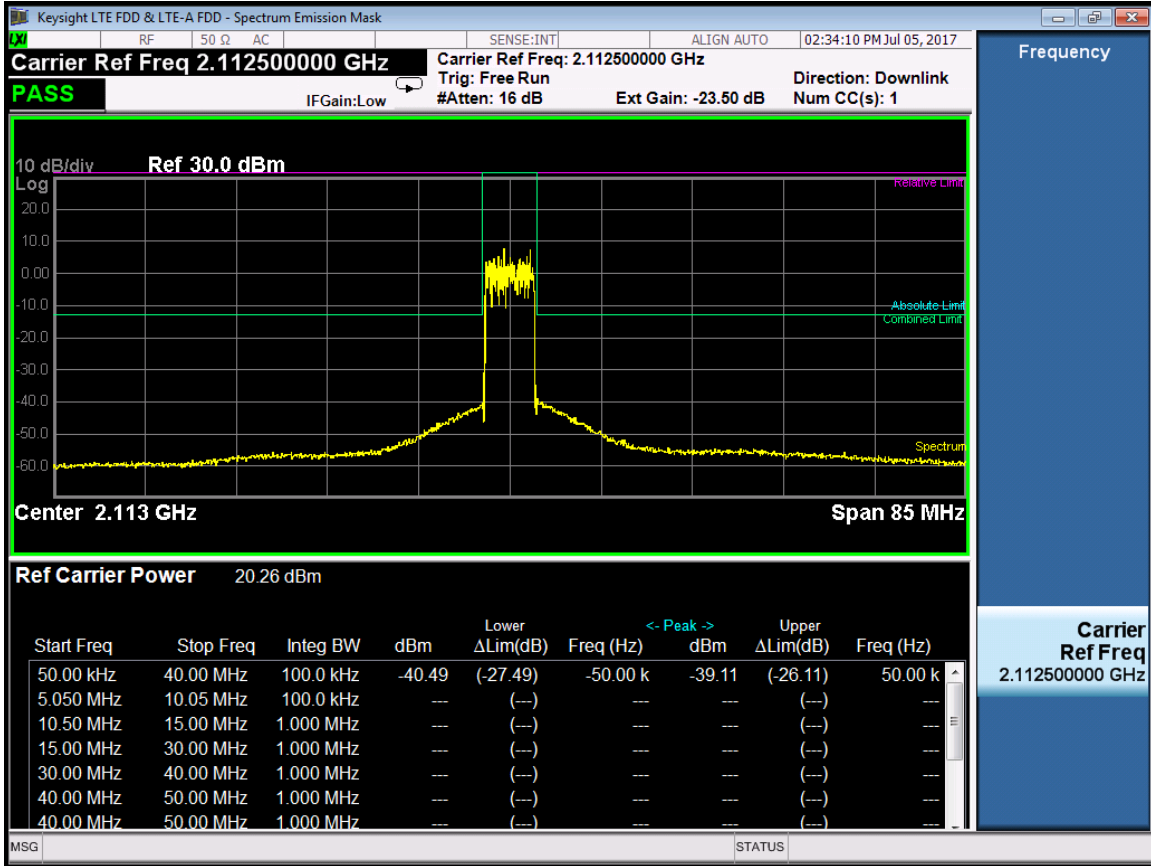
RF (ETM1.1) -Port 0-2132.5MHz



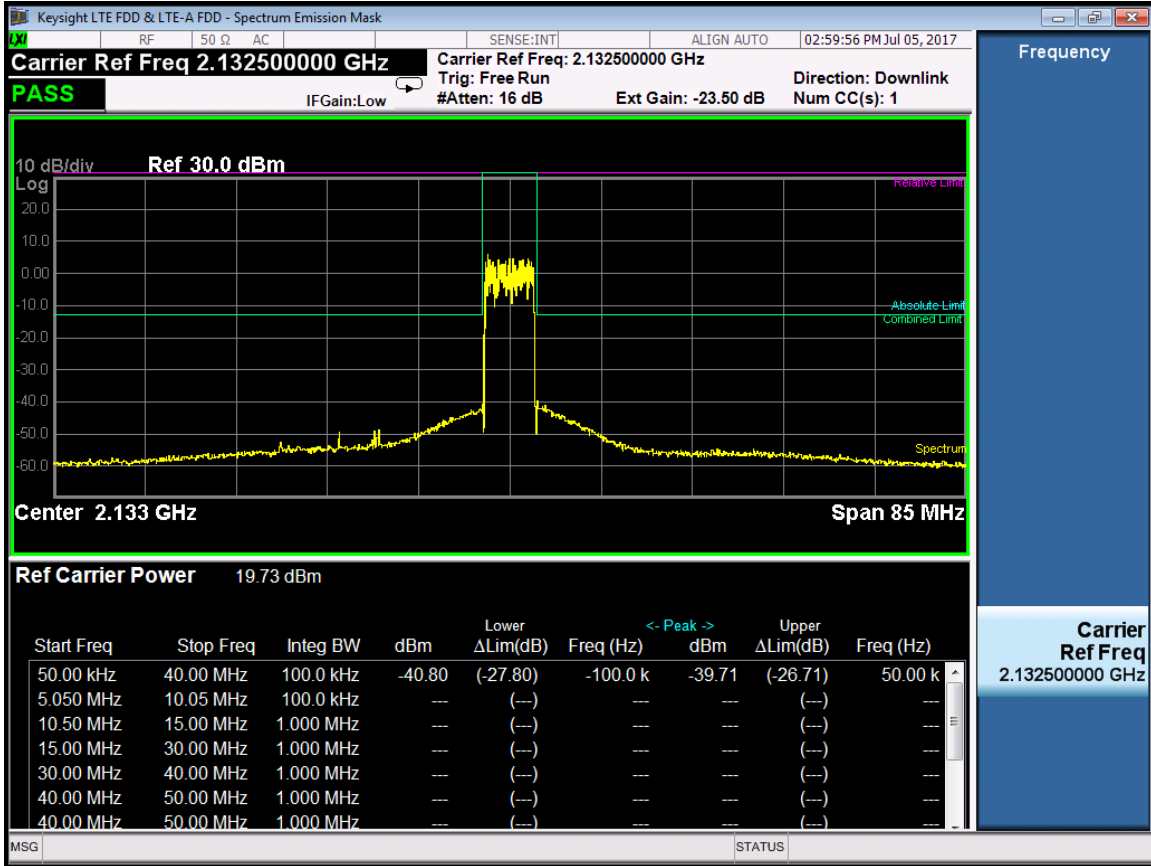
RF (ETM1.1) -Port 0-2152.5MHz



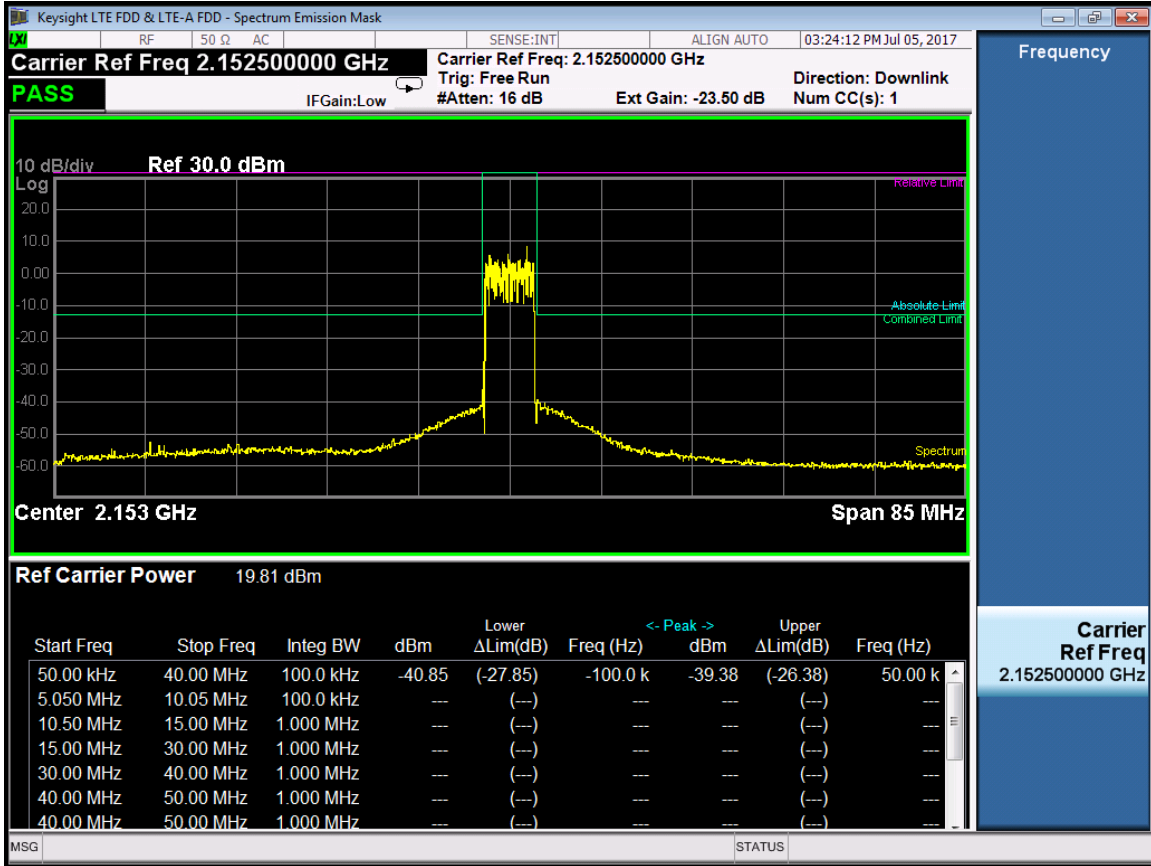
RF (ETM1.1) -Port 1-2112.5MHz



RF (ETM1.1) -Port 1-2132.5MHz



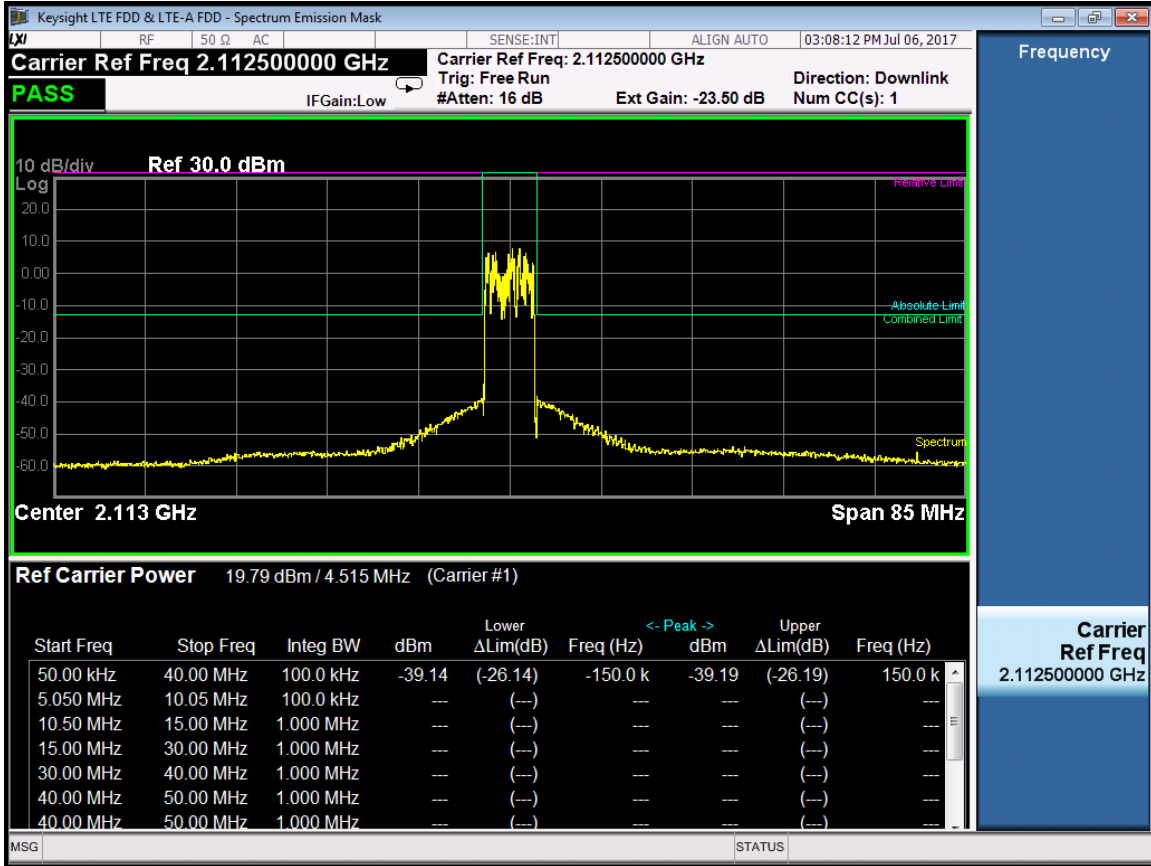
RF (ETM1.1) -Port 1-2152.5MHz



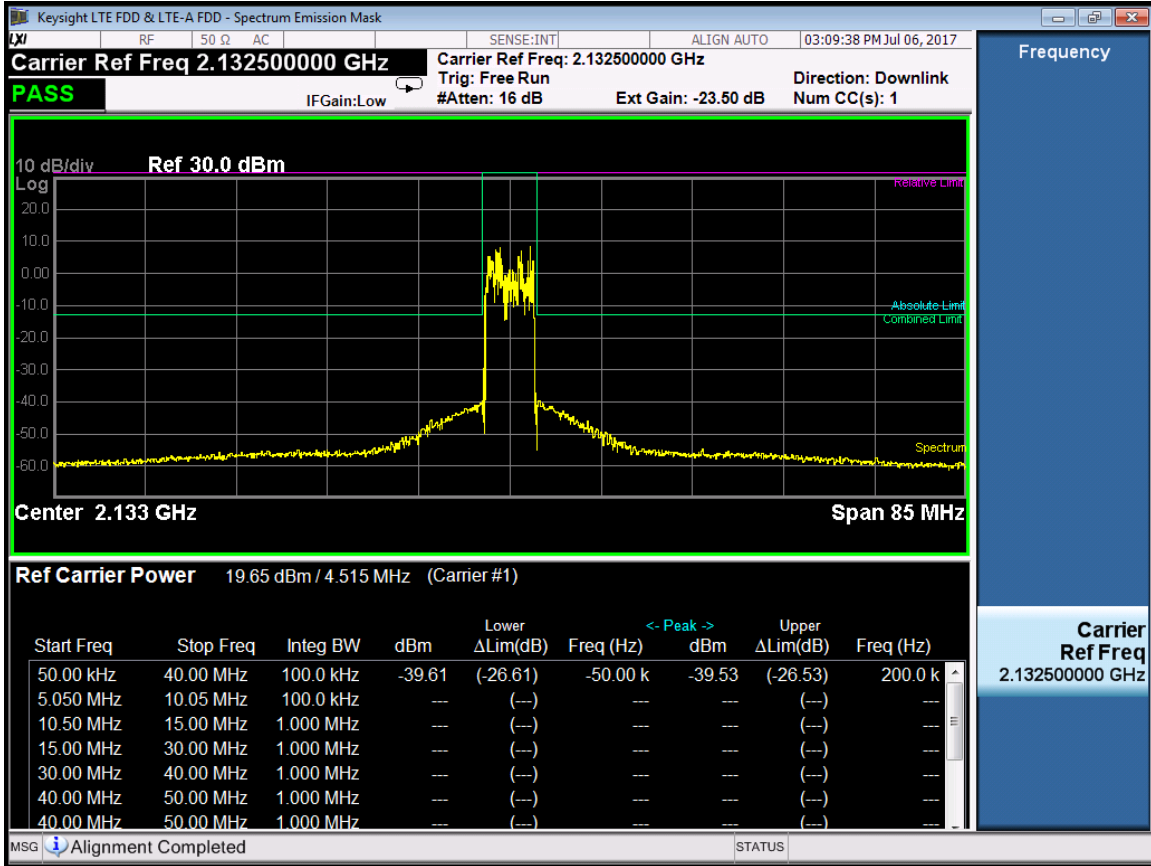
RF Bandwidth :IBW 5MHz(ETM1.2)

Port	RF Center Freq. (MHz)	Max bandedge Emission (dBm)	Limit (dBm)
0	2112.5	-39.14	-13
	2132.5	-39.61	-13
	2152.5	-39.33	-13
1	2112.5	-38.93	-13
	2132.5	-38.82	-13
	2152.5	-39.59	-13

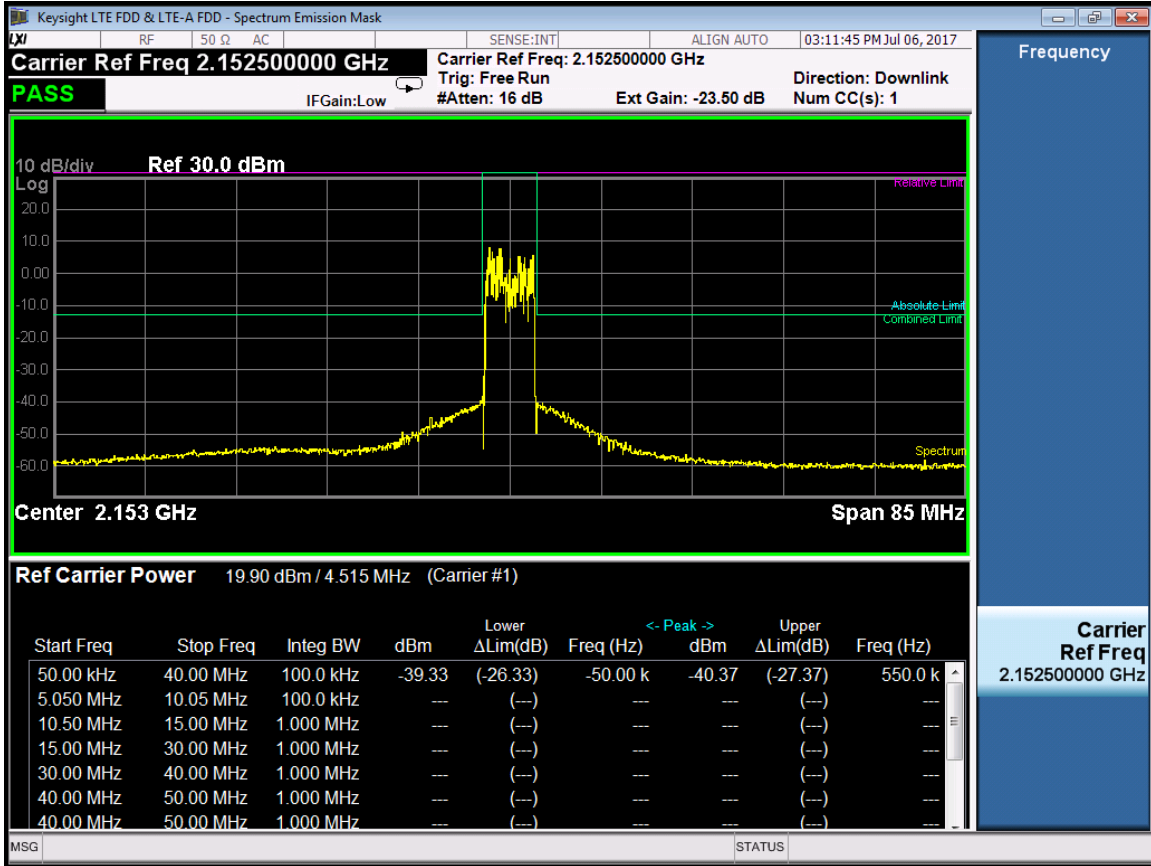
RF (ETM1.2) -Port 0-2112.5MHz



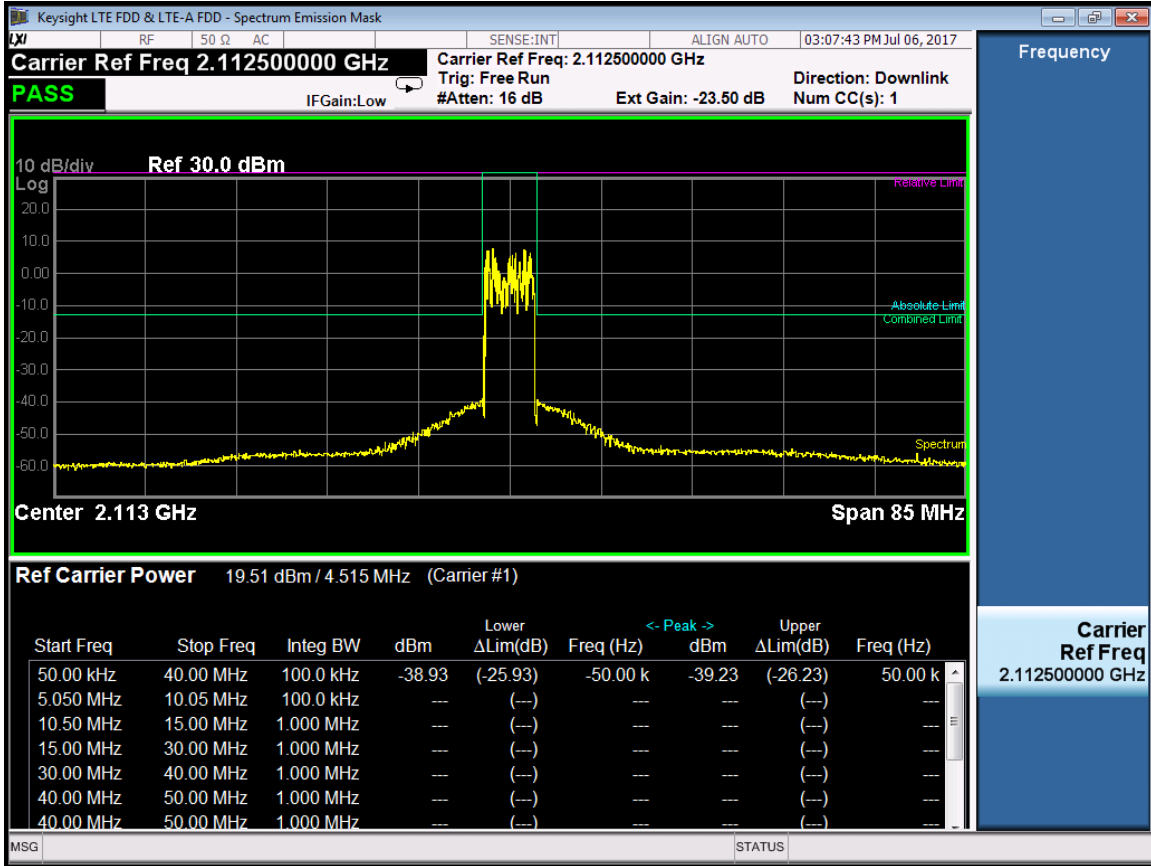
RF (ETM1.2) -Port 0-2132.5MHz



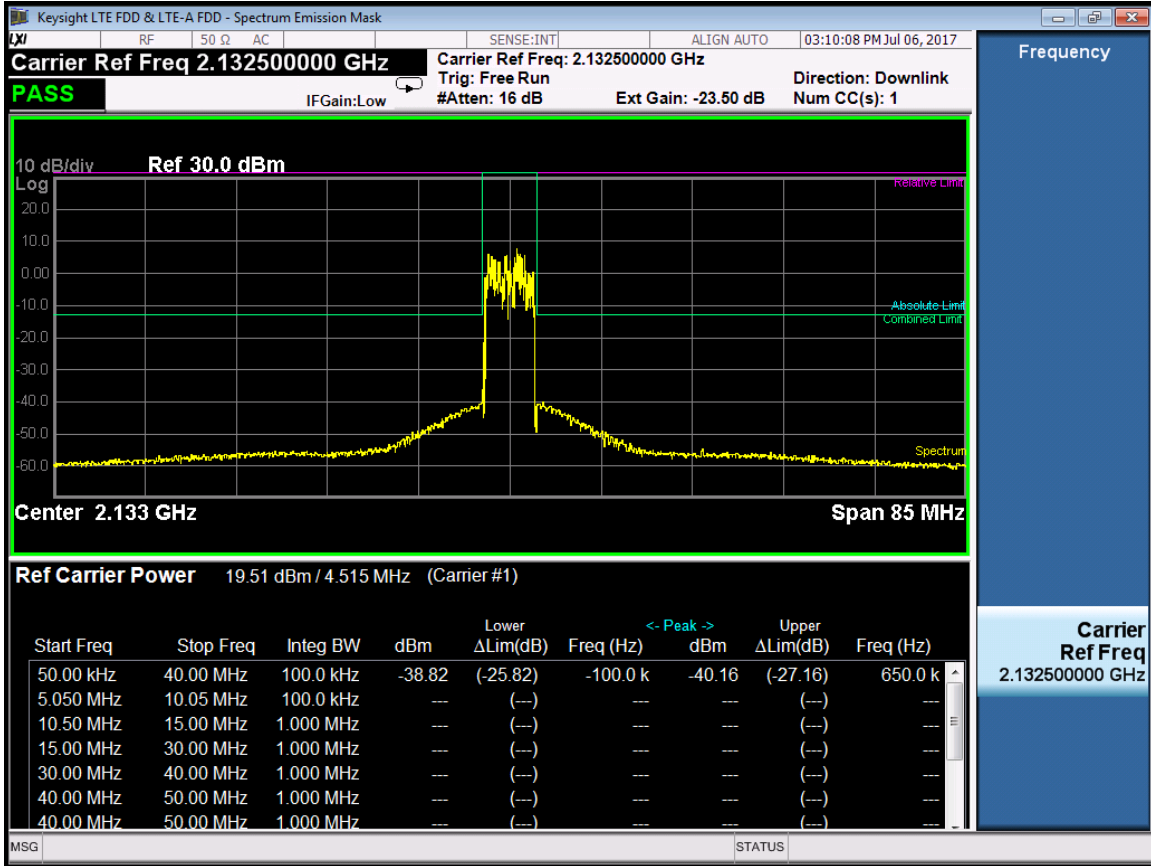
RF (ETM1.2) -Port 0-2152.MHz



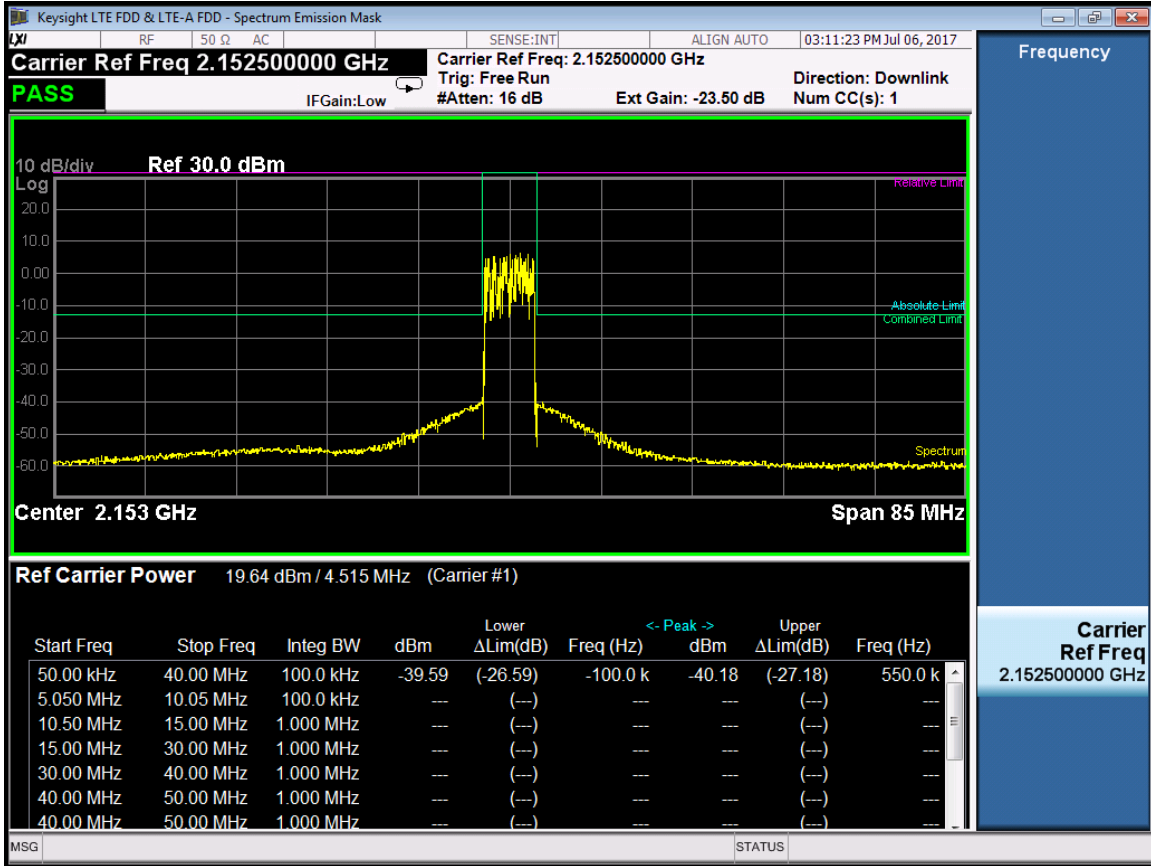
RF (ETM1.2) -Port 1-2112.5MHz



RF (ETM1.2) -Port 1-2132.5MHz



RF (ETM1.2) -Port 1-2152.5MHz



12 FREQUENCY STABILITY

Applicable Standard: FCC § 2.1055, §27.54

Requirements: FCC § 2.1055 (a)(d), The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
GZ-ESPEC	Temperature Chamber	EW0470	06113028	2016.09.12	2017.09.12

Agilent	MXA Series Spectrum Analyzer	N9030A	MY49431143	2016.09.12	2017.09.12
DTS	DTS 20dB Attenuator	DTS50-20-3-1	09112005	2015.04.17	2016.04.17

***statement of traceability:** ZTE Corporation Reliability Testing Center attest that all calibration have been performed per the NVLAP requirements, traceable to NIST.

Test Procedure

Frequency Stability vs. Temperature: The equipment under test was connected to an external DC power supply and the RF output was connected to a Spectrum Analyzer via feed-through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable exited the chamber through an opening made for the purpose.

After the temperature stabilized for approximately 150 minutes, the frequency output was recorded from the counter.

Frequency Stability vs. Voltage: An external variable DC power supply Source. The voltage was set to 115% of the nominal value and was then decreased until the transmitter light no longer illuminated; i.e., the end point. The output frequency was recorded for each voltage.

Environmental Conditions

Normal condition:	25° C
Relative Humidity:	54%
ATM Pressure:	1011 mbar

Test Result: Pass

Test Mode: Transmitting LTE

Test Data

Frequency Stability Versus Temperature

LTE 20MHz

Frequency Stability vs Temperature (RF Bandwidth:20MHz(LTE) RF Frequency :2120MHz)										
Temperature (°C)	Power Supplied (V _{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result		
-30	-48	0	2120	-0.711	TM2.0	0.1	215.5	PASS		
				-1.365	TM3.1	0.1	215.5	PASS		
				0.535	TM3.2	0.1	215.5	PASS		
				1.166	TM3.3	0.1	215.5	PASS		
		1	2120	1	2120	-1.282	TM2.0	0.1	215.5	PASS
						-0.241	TM3.1	0.1	215.5	PASS
						0.584	TM3.2	0.1	215.5	PASS
						-0.459	TM3.3	0.1	215.5	PASS
-20	-48	0	2120	-1.075	TM2.0	0.1	215.5	PASS		
				0.135	TM3.1	0.1	215.5	PASS		
				0.439	TM3.2	0.1	215.5	PASS		
				0.769	TM3.3	0.1	215.5	PASS		
		1	2120	1	2120	0.54	TM2.0	0.1	215.5	PASS
						0.889	TM3.1	0.1	215.5	PASS
						-1.868	TM3.2	0.1	215.5	PASS
						-1.58	TM3.3	0.1	215.5	PASS
-10	-48	0	2120	-1.244	TM2.0	0.1	215.5	PASS		
				1.711	TM3.1	0.1	215.5	PASS		
				-0.529	TM3.2	0.1	215.5	PASS		

		1	2120	-1.315	TM3.3	0.1	215.5	PASS
				0.807	TM2.0	0.1	215.5	PASS
				0.931	TM3.1	0.1	215.5	PASS
				-0.871	TM3.2	0.1	215.5	PASS
		0	2120	-1.011	TM3.3	0.1	215.5	PASS
				0.445	TM2.0	0.1	215.5	PASS
				1.037	TM3.1	0.1	215.5	PASS
				0.359	TM3.2	0.1	215.5	PASS
0		1	2120	1.584	TM3.3	0.1	215.5	PASS
				1.758	TM2.0	0.1	215.5	PASS
				0.566	TM3.1	0.1	215.5	PASS
				0.725	TM3.2	0.1	215.5	PASS
		0	2120	-0.834	TM3.3	0.1	215.5	PASS
				-0.47	TM2.0	0.1	215.5	PASS
				1.985	TM3.1	0.1	215.5	PASS
				-0.196	TM3.2	0.1	215.5	PASS
10		1	2120	-0.742	TM3.3	0.1	215.5	PASS
				1.833	TM2.0	0.1	215.5	PASS
				-0.173	TM3.1	0.1	215.5	PASS
				0.807	TM3.2	0.1	215.5	PASS
		0	2120	1.273	TM3.3	0.1	215.5	PASS
				-1.306	TM2.0	0.1	215.5	PASS
				0.551	TM3.1	0.1	215.5	PASS
				-0.191	TM3.2	0.1	215.5	PASS
20		1	2120	0.724	TM3.3	0.1	215.5	PASS
				0.449	TM2.0	0.1	215.5	PASS
				0.625	TM3.1	0.1	215.5	PASS
				-1.072	TM3.2	0.1	215.5	PASS
		0	2120	-1.656	TM3.3	0.1	215.5	PASS
				-0.732	TM2.0	0.1	215.5	PASS
				-1.031	TM3.1	0.1	215.5	PASS
				-0.192	TM3.2	0.1	215.5	PASS
30		1	2120	1.231	TM3.3	0.1	215.5	PASS
				-1.179	TM2.0	0.1	215.5	PASS
				0.287	TM3.1	0.1	215.5	PASS
				-0.702	TM3.2	0.1	215.5	PASS
		0	2120	0.908	TM3.3	0.1	215.5	PASS
				1.885	TM2.0	0.1	215.5	PASS
40		0	2120	1.972	TM3.1	0.1	215.5	PASS

50		1	2120	-1.398	TM3.2	0.1	215.5	PASS
				-1.078	TM3.3	0.1	215.5	PASS
				0.399	TM2.0	0.1	215.5	PASS
				1.791	TM3.1	0.1	215.5	PASS
				-0.241	TM3.2	0.1	215.5	PASS
		-0.069	TM3.3	0.1	215.5	PASS		
		0	2120	1.974	TM2.0	0.1	215.5	PASS
				-0.621	TM3.1	0.1	215.5	PASS
				0.763	TM3.2	0.1	215.5	PASS
				0.399	TM3.3	0.1	215.5	PASS
1	2120	0.104	TM2.0	0.1	215.5	PASS		
		1.859	TM3.1	0.1	215.5	PASS		
		-1.042	TM3.2	0.1	215.5	PASS		
		1.095	TM3.3	0.1	215.5	PASS		

Frequency Stability vs Temperature(RF Bandwidth:20MHz(LTE) RF Frequency :2132.5MHz

Temperature (°C)	Power Supplied (V _{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result
-30	-48	0	2132.5	-0.628	TM2.0	0.1	215.5	PASS
				-1.342	TM3.1	0.1	215.5	PASS
				0.597	TM3.2	0.1	215.5	PASS
				1.246	TM3.3	0.1	215.5	PASS
		1	2132.5	-1.261	TM2.0	0.1	215.5	PASS
				-0.223	TM3.1	0.1	215.5	PASS
				0.624	TM3.2	0.1	215.5	PASS
				-0.369	TM3.3	0.1	215.5	PASS
-20	-48	0	2132.5	-1.064	TM2.0	0.1	215.5	PASS
				0.165	TM3.1	0.1	215.5	PASS
				0.454	TM3.2	0.1	215.5	PASS
				0.833	TM3.3	0.1	215.5	PASS
		1	2132.5	0.617	TM2.0	0.1	215.5	PASS
				0.947	TM3.1	0.1	215.5	PASS
				-1.823	TM3.2	0.1	215.5	PASS
				-1.526	TM3.3	0.1	215.5	PASS
-10	-48	0	2132.5	-1.222	TM2.0	0.1	215.5	PASS

				1.779	TM3.1	0.1	215.5	PASS		
				-0.484	TM3.2	0.1	215.5	PASS		
				-1.252	TM3.3	0.1	215.5	PASS		
		1	2132.5			0.835	TM2.0	0.1	215.5	PASS
						1.014	TM3.1	0.1	215.5	PASS
						-0.827	TM3.2	0.1	215.5	PASS
						-0.964	TM3.3	0.1	215.5	PASS
		0	0	2132.5		0.506	TM2.0	0.1	215.5	PASS
						1.044	TM3.1	0.1	215.5	PASS
						0.418	TM3.2	0.1	215.5	PASS
						1.613	TM3.3	0.1	215.5	PASS
			1	2132.5			1.782	TM2.0	0.1	215.5
0.592	TM3.1						0.1	215.5	PASS	
0.772	TM3.2						0.1	215.5	PASS	
-0.824	TM3.3						0.1	215.5	PASS	
10	0	2132.5		-0.403	TM2.0	0.1	215.5	PASS		
				2.031	TM3.1	0.1	215.5	PASS		
				-0.188	TM3.2	0.1	215.5	PASS		
				-0.725	TM3.3	0.1	215.5	PASS		
	1	2132.5			1.855	TM2.0	0.1	215.5	PASS	
					-0.170	TM3.1	0.1	215.5	PASS	
					0.868	TM3.2	0.1	215.5	PASS	
					1.274	TM3.3	0.1	215.5	PASS	
20	0	2132.5		-1.273	TM2.0	0.1	215.5	PASS		
				0.597	TM3.1	0.1	215.5	PASS		
				-0.154	TM3.2	0.1	215.5	PASS		
				0.788	TM3.3	0.1	215.5	PASS		
	1	2132.5			0.526	TM2.0	0.1	215.5	PASS	
					0.692	TM3.1	0.1	215.5	PASS	
					-0.980	TM3.2	0.1	215.5	PASS	
					-1.591	TM3.3	0.1	215.5	PASS	
30	0	2132.5		-0.678	TM2.0	0.1	215.5	PASS		
				-0.935	TM3.1	0.1	215.5	PASS		
				-0.152	TM3.2	0.1	215.5	PASS		
				1.244	TM3.3	0.1	215.5	PASS		
	1	2132.5			-1.117	TM2.0	0.1	215.5	PASS	
					0.385	TM3.1	0.1	215.5	PASS	
					-0.603	TM3.2	0.1	215.5	PASS	
					0.941	TM3.3	0.1	215.5	PASS	

40		0	2132.5	1.971	TM2.0	0.1	215.5	PASS		
				2.043	TM3.1	0.1	215.5	PASS		
				-1.359	TM3.2	0.1	215.5	PASS		
				-1.054	TM3.3	0.1	215.5	PASS		
		1	2132.5	2132.5	0.492	TM2.0	0.1	215.5	PASS	
					1.797	TM3.1	0.1	215.5	PASS	
					-0.156	TM3.2	0.1	215.5	PASS	
					-0.054	TM3.3	0.1	215.5	PASS	
50		0	2132.5	2.066	TM2.0	0.1	215.5	PASS		
				-0.544	TM3.1	0.1	215.5	PASS		
				0.789	TM3.2	0.1	215.5	PASS		
				0.450	TM3.3	0.1	215.5	PASS		
			1	2132.5	2132.5	0.112	TM2.0	0.1	215.5	PASS
						1.864	TM3.1	0.1	215.5	PASS
						-0.995	TM3.2	0.1	215.5	PASS
						1.160	TM3.3	0.1	215.5	PASS

Frequency Stability vs Temperature (RF Bandwidth:20MHz(LTE) RF Frequency :2145MHz

Temperature (°C)	Power Supplied (V _{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result		
-30	-48	0	2145	-0.705	TM2.0	0.1	215.5	PASS		
				-1.288	TM3.1	0.1	215.5	PASS		
				0.633	TM3.2	0.1	215.5	PASS		
				1.206	TM3.3	0.1	215.5	PASS		
			1	2145	2145	-1.194	TM2.0	0.1	215.5	PASS
						-0.176	TM3.1	0.1	215.5	PASS
						0.640	TM3.2	0.1	215.5	PASS
						-0.365	TM3.3	0.1	215.5	PASS
-20	-48	0	2145	-1.007	TM2.0	0.1	215.5	PASS		
				0.164	TM3.1	0.1	215.5	PASS		
				0.457	TM3.2	0.1	215.5	PASS		
				0.775	TM3.3	0.1	215.5	PASS		
			1	2145	2145	0.624	TM2.0	0.1	215.5	PASS
						0.920	TM3.1	0.1	215.5	PASS
						-1.853	TM3.2	0.1	215.5	PASS
						-1.536	TM3.3	0.1	215.5	PASS

-10	0	2145	-1.176	TM2.0	0.1	215.5	PASS
			1.755	TM3.1	0.1	215.5	PASS
			-0.525	TM3.2	0.1	215.5	PASS
			-1.306	TM3.3	0.1	215.5	PASS
0	1	2145	0.813	TM2.0	0.1	215.5	PASS
			0.989	TM3.1	0.1	215.5	PASS
			-0.824	TM3.2	0.1	215.5	PASS
			-0.974	TM3.3	0.1	215.5	PASS
0	0	2145	0.485	TM2.0	0.1	215.5	PASS
			1.069	TM3.1	0.1	215.5	PASS
			0.446	TM3.2	0.1	215.5	PASS
			1.664	TM3.3	0.1	215.5	PASS
10	1	2145	1.839	TM2.0	0.1	215.5	PASS
			0.584	TM3.1	0.1	215.5	PASS
			0.824	TM3.2	0.1	215.5	PASS
			-0.815	TM3.3	0.1	215.5	PASS
10	0	2145	-0.375	TM2.0	0.1	215.5	PASS
			1.998	TM3.1	0.1	215.5	PASS
			-0.167	TM3.2	0.1	215.5	PASS
			-0.706	TM3.3	0.1	215.5	PASS
20	1	2145	1.915	TM2.0	0.1	215.5	PASS
			-0.077	TM3.1	0.1	215.5	PASS
			0.855	TM3.2	0.1	215.5	PASS
			1.297	TM3.3	0.1	215.5	PASS
20	0	2145	-1.248	TM2.0	0.1	215.5	PASS
			0.581	TM3.1	0.1	215.5	PASS
			-0.156	TM3.2	0.1	215.5	PASS
			0.806	TM3.3	0.1	215.5	PASS
30	1	2145	0.495	TM2.0	0.1	215.5	PASS
			0.662	TM3.1	0.1	215.5	PASS
			-1.058	TM3.2	0.1	215.5	PASS
			-1.631	TM3.3	0.1	215.5	PASS
30	0	2145	-0.686	TM2.0	0.1	215.5	PASS
			-0.990	TM3.1	0.1	215.5	PASS
			-0.155	TM3.2	0.1	215.5	PASS
			1.294	TM3.3	0.1	215.5	PASS
30	1	2145	-1.118	TM2.0	0.1	215.5	PASS
			0.351	TM3.1	0.1	215.5	PASS
			-0.673	TM3.2	0.1	215.5	PASS

40		0	2145	0.954	TM3.3	0.1	215.5	PASS		
				1.954	TM2.0	0.1	215.5	PASS		
				2.032	TM3.1	0.1	215.5	PASS		
				-1.392	TM3.2	0.1	215.5	PASS		
		1	2145	0.455	TM2.0	0.1	215.5	PASS		
						1.852	TM3.1	0.1	215.5	PASS
						-0.171	TM3.2	0.1	215.5	PASS
						0.016	TM3.3	0.1	215.5	PASS
50		0	2145	1.977	TM2.0	0.1	215.5	PASS		
				-0.598	TM3.1	0.1	215.5	PASS		
				0.806	TM3.2	0.1	215.5	PASS		
				0.418	TM3.3	0.1	215.5	PASS		
		1	2145	0.186	TM2.0	0.1	215.5	PASS		
						1.919	TM3.1	0.1	215.5	PASS
						-0.972	TM3.2	0.1	215.5	PASS
						1.173	TM3.3	0.1	215.5	PASS

LTE 15MHz

Frequency Stability vs Temperature(RF Bandwidth:15MHz(LTE) RF Frequency :2117.5MHz)										
Temperature (°C)	Power Supplied (V _{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result		
-30	-48	0	2117.5	1.554	TM2.0	0.1	215.5	PASS		
				-0.42	TM3.1	0.1	215.5	PASS		
				-1.823	TM3.2	0.1	215.5	PASS		
				-1.877	TM3.3	0.1	215.5	PASS		
		1	2117.5	-0.752	TM2.0	0.1	215.5	PASS		
						-1.031	TM3.1	0.1	215.5	PASS
						-1.156	TM3.2	0.1	215.5	PASS
						-1.536	TM3.3	0.1	215.5	PASS
-20		0	2117.5	-0.329	TM2.0	0.1	215.5	PASS		
				1.171	TM3.1	0.1	215.5	PASS		

		1	2117.5	-0.952	TM3.2	0.1	215.5	PASS
				1.733	TM3.3	0.1	215.5	PASS
				-0.127	TM2.0	0.1	215.5	PASS
				0.828	TM3.1	0.1	215.5	PASS
				0.376	TM3.2	0.1	215.5	PASS
		0	2117.5	-0.242	TM2.0	0.1	215.5	PASS
				-0.985	TM3.1	0.1	215.5	PASS
				-1.807	TM3.2	0.1	215.5	PASS
				-0.555	TM3.3	0.1	215.5	PASS
				1.139	TM2.0	0.1	215.5	PASS
-10		1	2117.5	-1.536	TM3.1	0.1	215.5	PASS
				-1.488	TM3.2	0.1	215.5	PASS
				1.701	TM3.3	0.1	215.5	PASS
				1.673	TM2.0	0.1	215.5	PASS
				-0.977	TM3.1	0.1	215.5	PASS
0		0	2117.5	0.701	TM3.2	0.1	215.5	PASS
				1.721	TM3.3	0.1	215.5	PASS
				0.272	TM2.0	0.1	215.5	PASS
				-1.822	TM3.1	0.1	215.5	PASS
				-0.501	TM3.2	0.1	215.5	PASS
0		1	2117.5	1.024	TM3.3	0.1	215.5	PASS
				-0.613	TM2.0	0.1	215.5	PASS
				0.693	TM3.1	0.1	215.5	PASS
				-0.004	TM3.2	0.1	215.5	PASS
				1.176	TM3.3	0.1	215.5	PASS
10		0	2117.5	-0.143	TM2.0	0.1	215.5	PASS
				1.892	TM3.1	0.1	215.5	PASS
				1.737	TM3.2	0.1	215.5	PASS
				0.945	TM3.3	0.1	215.5	PASS
				-0.059	TM2.0	0.1	215.5	PASS
20		0	2117.5	-0.472	TM3.1	0.1	215.5	PASS
				-0.23	TM3.2	0.1	215.5	PASS
				1.213	TM3.3	0.1	215.5	PASS
				-1.554	TM2.0	0.1	215.5	PASS
				-1.566	TM3.1	0.1	215.5	PASS
30		1	2117.5	0.994	TM3.2	0.1	215.5	PASS
				-1.694	TM3.3	0.1	215.5	PASS
				-0.381	TM2.0	0.1	215.5	PASS
				-0.059	TM2.0	0.1	215.5	PASS
				-0.472	TM3.1	0.1	215.5	PASS

				0.635	TM3.1	0.1	215.5	PASS						
				1.18	TM3.2	0.1	215.5	PASS						
				1.208	TM3.3	0.1	215.5	PASS						
				1	2117.5	-1.677	TM2.0	0.1	215.5	PASS				
						0.078	TM3.1	0.1	215.5	PASS				
						0.08	TM3.2	0.1	215.5	PASS				
						-1.504	TM3.3	0.1	215.5	PASS				
				40				0	2117.5	0.188	TM2.0	0.1	215.5	PASS
										0.018	TM3.1	0.1	215.5	PASS
										-0.66	TM3.2	0.1	215.5	PASS
										-1.607	TM3.3	0.1	215.5	PASS
								1	2117.5	1.225	TM2.0	0.1	215.5	PASS
-1.419	TM3.1	0.1	215.5							PASS				
-1.319	TM3.2	0.1	215.5							PASS				
-1.59	TM3.3	0.1	215.5							PASS				
50								0	2117.5	0.333	TM2.0	0.1	215.5	PASS
										1.975	TM3.1	0.1	215.5	PASS
										-1.398	TM3.2	0.1	215.5	PASS
										1.179	TM3.3	0.1	215.5	PASS
				1	2117.5	-1.53	TM2.0	0.1	215.5	PASS				
						-1.342	TM3.1	0.1	215.5	PASS				
						-0.949	TM3.2	0.1	215.5	PASS				
						0.695	TM3.3	0.1	215.5	PASS				

Frequency Stability vs Temperature(RF Bandwidth:15MHz(LTE) RF Frequency :2132.5MHz)								
Temperature (°C)	Power Supplied (V _{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result
-30	-48	0	2132.5	1.557	TM2.0	0.1	215.5	PASS
				-0.381	TM3.1	0.1	215.5	PASS
				-1.797	TM3.2	0.1	215.5	PASS
				-1.832	TM3.3	0.1	215.5	PASS
		1	2132.5	-0.728	TM2.0	0.1	215.5	PASS
				-0.979	TM3.1	0.1	215.5	PASS
				-1.134	TM3.2	0.1	215.5	PASS
				-1.464	TM3.3	0.1	215.5	PASS

-20	0	2132.5	-0.316	TM2.0	0.1	215.5	PASS
			1.266	TM3.1	0.1	215.5	PASS
			-0.894	TM3.2	0.1	215.5	PASS
			1.768	TM3.3	0.1	215.5	PASS
	1	2132.5	-0.032	TM2.0	0.1	215.5	PASS
			0.896	TM3.1	0.1	215.5	PASS
			0.438	TM3.2	0.1	215.5	PASS
			-1.494	TM3.3	0.1	215.5	PASS
-10	0	2132.5	-0.160	TM2.0	0.1	215.5	PASS
			-0.904	TM3.1	0.1	215.5	PASS
			-1.736	TM3.2	0.1	215.5	PASS
			-0.474	TM3.3	0.1	215.5	PASS
	1	2132.5	1.231	TM2.0	0.1	215.5	PASS
			-1.519	TM3.1	0.1	215.5	PASS
			-1.458	TM3.2	0.1	215.5	PASS
			1.797	TM3.3	0.1	215.5	PASS
0	0	2132.5	1.761	TM2.0	0.1	215.5	PASS
			-0.921	TM3.1	0.1	215.5	PASS
			0.731	TM3.2	0.1	215.5	PASS
			1.784	TM3.3	0.1	215.5	PASS
	1	2132.5	0.316	TM2.0	0.1	215.5	PASS
			-1.763	TM3.1	0.1	215.5	PASS
			-0.411	TM3.2	0.1	215.5	PASS
			1.059	TM3.3	0.1	215.5	PASS
10	0	2132.5	-0.546	TM2.0	0.1	215.5	PASS
			0.774	TM3.1	0.1	215.5	PASS
			0.014	TM3.2	0.1	215.5	PASS
			1.187	TM3.3	0.1	215.5	PASS
	1	2132.5	-0.051	TM2.0	0.1	215.5	PASS
			1.937	TM3.1	0.1	215.5	PASS
			1.756	TM3.2	0.1	215.5	PASS
			0.960	TM3.3	0.1	215.5	PASS
20	0	2132.5	-0.055	TM2.0	0.1	215.5	PASS
			-0.382	TM3.1	0.1	215.5	PASS
			-0.165	TM3.2	0.1	215.5	PASS
			1.240	TM3.3	0.1	215.5	PASS
	1	2132.5	-1.480	TM2.0	0.1	215.5	PASS
			-1.467	TM3.1	0.1	215.5	PASS
			1.033	TM3.2	0.1	215.5	PASS

30		0	2132.5	-1.660	TM3.3	0.1	215.5	PASS	
				-0.353	TM2.0	0.1	215.5	PASS	
				0.734	TM3.1	0.1	215.5	PASS	
				1.196	TM3.2	0.1	215.5	PASS	
		1	2132.5		-1.639	TM2.0	0.1	215.5	PASS
					0.122	TM3.1	0.1	215.5	PASS
					0.103	TM3.2	0.1	215.5	PASS
					-1.446	TM3.3	0.1	215.5	PASS
40		0	2132.5	0.252	TM2.0	0.1	215.5	PASS	
				0.054	TM3.1	0.1	215.5	PASS	
				-0.595	TM3.2	0.1	215.5	PASS	
				-1.539	TM3.3	0.1	215.5	PASS	
		1	2132.5		1.305	TM2.0	0.1	215.5	PASS
					-1.320	TM3.1	0.1	215.5	PASS
					-1.276	TM3.2	0.1	215.5	PASS
					-1.567	TM3.3	0.1	215.5	PASS
50		0	2132.5	0.379	TM2.0	0.1	215.5	PASS	
				2.073	TM3.1	0.1	215.5	PASS	
				-1.374	TM3.2	0.1	215.5	PASS	
				1.180	TM3.3	0.1	215.5	PASS	
		1	2132.5		-1.449	TM2.0	0.1	215.5	PASS
					-1.270	TM3.1	0.1	215.5	PASS
					-0.925	TM3.2	0.1	215.5	PASS
					0.699	TM3.3	0.1	215.5	PASS

Frequency Stability vs Temperature(RF Bandwidth:15MHz(LTE) RF Frequency :2147.5MHz)									
Temperature (°C)	Power Supplied (V _{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result	
-30	-48	0	2147.5	1.618	TM2.0	0.1	215.5	PASS	
				-0.348	TM3.1	0.1	215.5	PASS	
				-1.822	TM3.2	0.1	215.5	PASS	
				-1.790	TM3.3	0.1	215.5	PASS	
		1	2147.5		-0.751	TM2.0	0.1	215.5	PASS
					-1.001	TM3.1	0.1	215.5	PASS
				-1.083	TM3.2	0.1	215.5	PASS	

				-1.515	TM3.3	0.1	215.5	PASS
-20	0	2147.5		-0.307	TM2.0	0.1	215.5	PASS
				1.221	TM3.1	0.1	215.5	PASS
				-0.894	TM3.2	0.1	215.5	PASS
				1.814	TM3.3	0.1	215.5	PASS
	1	2147.5		-0.118	TM2.0	0.1	215.5	PASS
				0.910	TM3.1	0.1	215.5	PASS
				0.454	TM3.2	0.1	215.5	PASS
				-1.503	TM3.3	0.1	215.5	PASS
-10	0	2147.5		-0.145	TM2.0	0.1	215.5	PASS
				-0.900	TM3.1	0.1	215.5	PASS
				-1.797	TM3.2	0.1	215.5	PASS
				-0.524	TM3.3	0.1	215.5	PASS
	1	2147.5		1.227	TM2.0	0.1	215.5	PASS
				-1.501	TM3.1	0.1	215.5	PASS
				-1.460	TM3.2	0.1	215.5	PASS
				1.720	TM3.3	0.1	215.5	PASS
0	0	2147.5		1.741	TM2.0	0.1	215.5	PASS
				-0.934	TM3.1	0.1	215.5	PASS
				0.742	TM3.2	0.1	215.5	PASS
				1.774	TM3.3	0.1	215.5	PASS
	1	2147.5		0.334	TM2.0	0.1	215.5	PASS
				-1.813	TM3.1	0.1	215.5	PASS
				-0.501	TM3.2	0.1	215.5	PASS
				1.070	TM3.3	0.1	215.5	PASS
10	0	2147.5		-0.557	TM2.0	0.1	215.5	PASS
				0.701	TM3.1	0.1	215.5	PASS
				0.002	TM3.2	0.1	215.5	PASS
				1.216	TM3.3	0.1	215.5	PASS
	1	2147.5		-0.082	TM2.0	0.1	215.5	PASS
				1.945	TM3.1	0.1	215.5	PASS
				1.768	TM3.2	0.1	215.5	PASS
				1.038	TM3.3	0.1	215.5	PASS
20	0	2147.5		0.016	TM2.0	0.1	215.5	PASS
				-0.461	TM3.1	0.1	215.5	PASS
				-0.148	TM3.2	0.1	215.5	PASS
				1.223	TM3.3	0.1	215.5	PASS
	1	2147.5		-1.497	TM2.0	0.1	215.5	PASS
				-1.502	TM3.1	0.1	215.5	PASS

30			2147.5	1.087	TM3.2	0.1	215.5	PASS				
				-1.646	TM3.3	0.1	215.5	PASS				
				0	2147.5	-0.301	TM2.0	0.1	215.5	PASS		
						0.682	TM3.1	0.1	215.5	PASS		
						1.219	TM3.2	0.1	215.5	PASS		
						1.289	TM3.3	0.1	215.5	PASS		
				1	2147.5	-1.622	TM2.0	0.1	215.5	PASS		
						0.112	TM3.1	0.1	215.5	PASS		
						0.095	TM3.2	0.1	215.5	PASS		
						-1.430	TM3.3	0.1	215.5	PASS		
				40			2147.5	0.225	TM2.0	0.1	215.5	PASS
								0.075	TM3.1	0.1	215.5	PASS
-0.631	TM3.2	0.1	215.5					PASS				
-1.597	TM3.3	0.1	215.5					PASS				
1	2147.5	1.229	TM2.0					0.1	215.5	PASS		
		-1.379	TM3.1					0.1	215.5	PASS		
		-1.233	TM3.2					0.1	215.5	PASS		
		-1.513	TM3.3					0.1	215.5	PASS		
50			2147.5					0.389	TM2.0	0.1	215.5	PASS
								2.037	TM3.1	0.1	215.5	PASS
								-1.361	TM3.2	0.1	215.5	PASS
								1.228	TM3.3	0.1	215.5	PASS
				1	2147.5	-1.460	TM2.0	0.1	215.5	PASS		
						-1.292	TM3.1	0.1	215.5	PASS		
						-0.948	TM3.2	0.1	215.5	PASS		
						0.754	TM3.3	0.1	215.5	PASS		

LTE 10MHz

Frequency Stability vs Temperature (RF Bandwidth:10MHz(LTE) RF Frequency :2115MHz)								
Temperature (°C)	Power Supplied (V _{DC})	Port	LTE Frequency	Frequency Measure Error (Hz)	E-TM	Limit (ppm)	Limit (Hz)	Result
-30	-48	0	2115	-0.689	TM2.0	0.1	215.5	PASS
				1.38	TM3.1	0.1	215.5	PASS

				1.583	TM3.2	0.1	215.5	PASS	
				0.741	TM3.3	0.1	215.5	PASS	
		1	2115	0.547	TM2.0	0.1	215.5	PASS	
				-1.285	TM3.1	0.1	215.5	PASS	
				-0.181	TM3.2	0.1	215.5	PASS	
				0.063	TM3.3	0.1	215.5	PASS	
		-20	2115	0	0.861	TM2.0	0.1	215.5	PASS
					-1.901	TM3.1	0.1	215.5	PASS
					-1.999	TM3.2	0.1	215.5	PASS
					-1.953	TM3.3	0.1	215.5	PASS
1	2115	0.137	TM2.0	0.1	215.5	PASS			
		1.41	TM3.1	0.1	215.5	PASS			
		1.94	TM3.2	0.1	215.5	PASS			
		-0.338	TM3.3	0.1	215.5	PASS			
-10	2115	0	0.832	TM2.0	0.1	215.5	PASS		
			0.237	TM3.1	0.1	215.5	PASS		
			0.765	TM3.2	0.1	215.5	PASS		
			-1.807	TM3.3	0.1	215.5	PASS		
	1	2115	-0.479	TM2.0	0.1	215.5	PASS		
			-0.446	TM3.1	0.1	215.5	PASS		
			1.027	TM3.2	0.1	215.5	PASS		
			1.769	TM3.3	0.1	215.5	PASS		
0	2115	0	0.517	TM2.0	0.1	215.5	PASS		
			1.733	TM3.1	0.1	215.5	PASS		
			0.192	TM3.2	0.1	215.5	PASS		
			-1.119	TM3.3	0.1	215.5	PASS		
	1	2115	1.599	TM2.0	0.1	215.5	PASS		
			1.156	TM3.1	0.1	215.5	PASS		
			-1.193	TM3.2	0.1	215.5	PASS		
			-0.629	TM3.3	0.1	215.5	PASS		
10	2115	0	-1.986	TM2.0	0.1	215.5	PASS		
			-1.911	TM3.1	0.1	215.5	PASS		
			1.136	TM3.2	0.1	215.5	PASS		
			0.442	TM3.3	0.1	215.5	PASS		
	1	2115	0.398	TM2.0	0.1	215.5	PASS		
			1.55	TM3.1	0.1	215.5	PASS		
			-1.417	TM3.2	0.1	215.5	PASS		
			1.08	TM3.3	0.1	215.5	PASS		
20	0	2115	0.103	TM2.0	0.1	215.5	PASS		