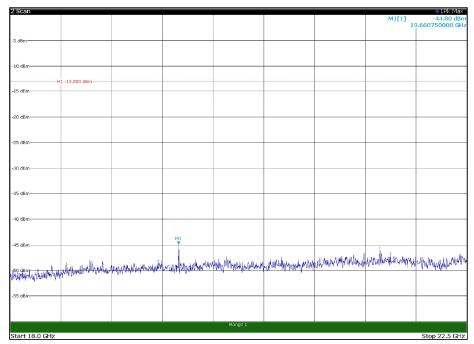


Channel: TOP, Modulation: 256QAM, BW=20MHz, Range: 18GHz - 22.5GHz, Polarization: Horizontal



Channel: TOP, Modulation: 256QAM, BW=20MHz, Range: 18GHz - 22.5GHz, Polarization: Vertical



Specification: FCC 27

# Clause 27.54 Frequency stability

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized bands of operation.

Test date: 10/21/2019 to 12/13/2019

Test results: Pass

#### Special notes

Test are performed at 85% (40.8Vdc) and 115% (55.2Vdc) of the primary supply voltage and the same result was found.

#### Test data



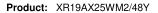
Specification: FCC 27

### **RF PORT 1**

RF PORT 1				
		Temperature = -30°C	,	
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-1.138	mHz
BOTTOM	LTE 5 MHz	16QAM	-385	mHz
BOTTOM	LTE 5 MHz	64QAM	205	mHz
BOTTOM	LTE 5 MHz	256QAM	1.274	mHz
MIDDLE	LTE 5 MHz	QPSK	209	mHz
MIDDLE	LTE 5 MHz	16QAM	-648	mHz
MIDDLE	LTE 5 MHz	64QAM	415	mHz
MIDDLE	LTE 5 MHz	256QAM	-385	mHz
TOP	LTE 5 MHz	QPSK	663	mHz
TOP	LTE 5 MHz	16QAM	-1.207	Hz
TOP	LTE 5 MHz	64QAM	-1.364	Hz
TOP	LTE 5 MHz	256QAM	-66	mHz
BOTTOM	LTE 10 MHz	QPSK	-128	mHz
BOTTOM	LTE 10 MHz	16QAM	-528	mHz
BOTTOM	LTE 10 MHz	64QAM	-1.331	Hz
BOTTOM	LTE 10 MHz	256QAM	-1.327	mHz
MIDDLE	LTE 10 MHz	QPSK	-230	mHz
MIDDLE	LTE 10 MHz	16QAM	-475	mHz
MIDDLE	LTE 10 MHz	64QAM	-1.324	mHz
MIDDLE	LTE 10 MHz	256QAM	1.161	mHz
TOP	LTE 10 MHz	QPSK	578	mHz
TOP	LTE 10 MHz	16QAM	-77	mHz
TOP	LTE 10 MHz	64QAM	-731	mHz
TOP	LTE 10 MHz	256QAM	-85	mHz
BOTTOM	LTE 15 MHz	QPSK	439	mHz
BOTTOM	LTE 15 MHz	16QAM	-1.441	Hz
BOTTOM	LTE 15 MHz	64QAM	592	mHz
BOTTOM	LTE 15 MHz	256QAM	-552	mHz
MIDDLE	LTE 15 MHz	QPSK	-679	mHz
MIDDLE	LTE 15 MHz	16QAM	-204	mHz
MIDDLE	LTE 15 MHz	64QAM	1.408	mHz
MIDDLE	LTE 15 MHz	256QAM	592	mHz
TOP	LTE 15 MHz	QPSK	-1.002	mHz
TOP	LTE 15 MHz	16QAM	210	mHz
TOP	LTE 15 MHz	64QAM	-799	mHz
TOP	LTE 15 MHz	256QAM	675	mHz
BOTTOM	LTE 20 MHz	QPSK	-258	mHz
BOTTOM	LTE 20 MHz	16QAM	-1.235	mHz
BOTTOM	LTE 20 MHz	64QAM	989	mHz
BOTTOM	LTE 20 MHz	256QAM	-136	mHz
MIDDLE	LTE 20 MHz	QPSK	-912	mHz
MIDDLE	LTE 20 MHz	16QAM	623	mHz
MIDDLE	LTE 20 MHz	64QAM	-606	mHz
MIDDLE	LTE 20 MHz	256QAM	-676	mHz
TOP	LTE 20 MHz	QPSK	-461	mHz
TOP	LTE 20 MHz	16QAM	309	mHz
TOP	LTE 20 MHz	64QAM	-975	mHz
TOP	LTE 20 MHz	256QAM	736	mHz



Channel         Signal         Modulation         Frequency Error           BOTTOM         LTE 5 MHz         QPSK         1.423         Hz           BOTTOM         LTE 5 MHz         16QAM         1.475         Hz           BOTTOM         LTE 5 MHz         64QAM         1.247         Hz           BOTTOM         LTE 5 MHz         256QAM         -1.398         Hz           MIDDLE         LTE 5 MHz         QPSK         1.158         mHz           MIDDLE         LTE 5 MHz         16QAM         606         mHz           MIDDLE         LTE 5 MHz         64QAM         -976         mHz           MIDDLE         LTE 5 MHz         256QAM         579         mHz           TOP         LTE 5 MHz         QPSK         -73         mHz           TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         64QAM         -157         mHz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         16QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz <t< th=""><th colspan="5">Temperature = -20°C</th></t<>	Temperature = -20°C				
BOTTOM         LTE 5 MHz         16QAM         1.475         Hz           BOTTOM         LTE 5 MHz         64QAM         1.247         Hz           BOTTOM         LTE 5 MHz         256QAM         -1.398         Hz           MIDDLE         LTE 5 MHz         QPSK         1.158         mHz           MIDDLE         LTE 5 MHz         16QAM         606         mHz           MIDDLE         LTE 5 MHz         64QAM         -976         mHz           MIDDLE         LTE 5 MHz         256QAM         579         mHz           TOP         LTE 5 MHz         256QAM         579         mHz           TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         64QAM         -157         mHz           TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         16QAM         -857         mHz           BOTTOM         LTE 10 MHz         26QAM         -725         mHz	Channel	Signal	Modulation	Frequency Error	
BOTTOM         LTE 5 MHz         64QAM         1.247         Hz           BOTTOM         LTE 5 MHz         256QAM         -1.398         Hz           MIDDLE         LTE 5 MHz         QPSK         1.158         mHz           MIDDLE         LTE 5 MHz         16QAM         606         mHz           MIDDLE         LTE 5 MHz         64QAM         -976         mHz           MIDDLE         LTE 5 MHz         256QAM         579         mHz           MIDDLE         LTE 5 MHz         256QAM         579         mHz           TOP         LTE 5 MHz         256QAM         579         mHz           TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         64QAM         -157         mHz           TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         64QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz	BOTTOM	LTE 5 MHz	QPSK	1.423	Hz
BOTTOM         LTE 5 MHz         64QAM         1.247         Hz           BOTTOM         LTE 5 MHz         256QAM         -1.398         Hz           MIDDLE         LTE 5 MHz         QPSK         1.158         mHz           MIDDLE         LTE 5 MHz         16QAM         606         mHz           MIDDLE         LTE 5 MHz         64QAM         -976         mHz           MIDDLE         LTE 5 MHz         256QAM         579         mHz           MIDDLE         LTE 5 MHz         256QAM         579         mHz           TOP         LTE 5 MHz         256QAM         579         mHz           TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         64QAM         -157         mHz           TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         64QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz	BOTTOM	LTE 5 MHz	16QAM	1.475	Hz
BOTTOM			64QAM		Hz
MIDDLE         LTE 5 MHz         QPSK         1.158         mHz           MIDDLE         LTE 5 MHz         16QAM         606         mHz           MIDDLE         LTE 5 MHz         64QAM         -976         mHz           MIDDLE         LTE 5 MHz         256QAM         579         mHz           TOP         LTE 5 MHz         QPSK         -73         mHz           TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         64QAM         -157         mHz           TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         16QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           MIDDLE         LTE 10 MHz         256QAM         -725         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz					Hz
MIDDLE         LTE 5 MHz         16QAM         606         mHz           MIDDLE         LTE 5 MHz         64QAM         -976         mHz           MIDDLE         LTE 5 MHz         256QAM         579         mHz           TOP         LTE 5 MHz         QPSK         -73         mHz           TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         64QAM         -157         mHz           TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         16QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           MIDDLE         LTE 10 MHz         256QAM         -725         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         QPSK         46         mHz					mHz
MIDDLE         LTE 5 MHz         64QAM         -976         mHz           MIDDLE         LTE 5 MHz         256QAM         579         mHz           TOP         LTE 5 MHz         QPSK         -73         mHz           TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         64QAM         -157         mHz           TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         16QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz	MIDDLE				mHz
TOP         LTE 5 MHz         QPSK         -73         mHz           TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         64QAM         -157         mHz           TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         16QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           BOTTOM         LTE 10 MHz         256QAM         -725         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         256QAM         -1.349         Hz           <					
TOP         LTE 5 MHz         QPSK         -73         mHz           TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         64QAM         -157         mHz           TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         16QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           BOTTOM         LTE 10 MHz         256QAM         -725         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         256QAM         -1.349         Hz           <					mHz
TOP         LTE 5 MHz         16QAM         -254         mHz           TOP         LTE 5 MHz         64QAM         -157         mHz           TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         16QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           BOTTOM         LTE 10 MHz         256QAM         -725         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -1.349         Hz           TOP         LTE 10 MHz         QPSK         427         mHz			QPSK		mHz
TOP         LTE 5 MHz         64QAM         -157         mHz           TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         16QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           BOTTOM         LTE 10 MHz         256QAM         -725         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz	TOP				mHz
TOP         LTE 5 MHz         256QAM         1.093         Hz           BOTTOM         LTE 10 MHz         QPSK         -578         mHz           BOTTOM         LTE 10 MHz         16QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           BOTTOM         LTE 10 MHz         256QAM         -725         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         64QAM         -994         mHz <t< td=""><td>TOP</td><td></td><td></td><td></td><td>mHz</td></t<>	TOP				mHz
BOTTOM         LTE 10 MHz         16QAM         1.291         mHz           BOTTOM         LTE 10 MHz         64QAM         -857         mHz           BOTTOM         LTE 10 MHz         256QAM         -725         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz      <	TOP	LTE 5 MHz	256QAM	1.093	Hz
BOTTOM         LTE 10 MHz         64QAM         -857         mHz           BOTTOM         LTE 10 MHz         256QAM         -725         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         64QAM         -994         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz <td>BOTTOM</td> <td>LTE 10 MHz</td> <td>QPSK</td> <td>-578</td> <td>mHz</td>	BOTTOM	LTE 10 MHz	QPSK	-578	mHz
BOTTOM         LTE 10 MHz         256QAM         -725         mHz           MIDDLE         LTE 10 MHz         QPSK         -679         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz <td>BOTTOM</td> <td>LTE 10 MHz</td> <td>16QAM</td> <td>1.291</td> <td>mHz</td>	BOTTOM	LTE 10 MHz	16QAM	1.291	mHz
MIDDLE         LTE 10 MHz         QPSK         -679         mHz           MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	BOTTOM	LTE 10 MHz	64QAM	-857	mHz
MIDDLE         LTE 10 MHz         16QAM         -828         mHz           MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	BOTTOM	LTE 10 MHz	256QAM	-725	mHz
MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	MIDDLE	LTE 10 MHz	QPSK	-679	mHz
MIDDLE         LTE 10 MHz         64QAM         1.228         mHz           MIDDLE         LTE 10 MHz         256QAM         -350         mHz           TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	MIDDLE	LTE 10 MHz	16QAM	-828	mHz
TOP         LTE 10 MHz         QPSK         46         mHz           TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	MIDDLE		64QAM	1.228	mHz
TOP         LTE 10 MHz         16QAM         -596         mHz           TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	MIDDLE	LTE 10 MHz	256QAM	-350	mHz
TOP         LTE 10 MHz         64QAM         -1.349         Hz           TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	TOP	LTE 10 MHz	QPSK	46	mHz
TOP         LTE 10 MHz         256QAM         -47         mHz           BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	TOP	LTE 10 MHz	16QAM	-596	mHz
BOTTOM         LTE 15 MHz         QPSK         427         mHz           BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	TOP	LTE 10 MHz	64QAM	-1.349	Hz
BOTTOM         LTE 15 MHz         16QAM         -994         mHz           BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	TOP	LTE 10 MHz	256QAM	-47	mHz
BOTTOM         LTE 15 MHz         64QAM         426         mHz           BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	BOTTOM	LTE 15 MHz	QPSK	427	mHz
BOTTOM         LTE 15 MHz         256QAM         -13         mHz           MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	BOTTOM	LTE 15 MHz	16QAM	-994	mHz
MIDDLE         LTE 15 MHz         QPSK         253         mHz           MIDDLE         LTE 15 MHz         16QAM         -1.344         mHz	BOTTOM	LTE 15 MHz	64QAM	426	mHz
MIDDLE LTE 15 MHz 16QAM -1.344 mHz	BOTTOM	LTE 15 MHz	256QAM	-13	mHz
	MIDDLE	LTE 15 MHz	QPSK	253	mHz
	MIDDLE	LTE 15 MHz	16QAM	-1.344	mHz
MIDDLE	MIDDLE	LTE 15 MHz	64QAM	48	mHz
MIDDLE LTE 15 MHz 256QAM 1.455 mHz	MIDDLE		256QAM	1.455	mHz
TOP LTE 15 MHz QPSK -1.011 mHz	TOP	LTE 15 MHz	QPSK	-1.011	mHz
TOP LTE 15 MHz 16QAM -1.09 mHz		LTE 15 MHz	16QAM	-1.09	mHz
TOP LTE 15 MHz 64QAM -947 mHz			64QAM		mHz
TOP LTE 15 MHz 256QAM -760 mHz	TOP	LTE 15 MHz	256QAM	-760	mHz
BOTTOM LTE 20 MHz QPSK 1.425 mHz		LTE 20 MHz			mHz
BOTTOM LTE 20 MHz 16QAM 224 mHz					
BOTTOM LTE 20 MHz 64QAM -1.419 mHz					
BOTTOM LTE 20 MHz 256QAM 269 mHz					
MIDDLE LTE 20 MHz QPSK 1.43 mHz		LTE 20 MHz		1.43	mHz
MIDDLE LTE 20 MHz 16QAM -261 mHz			·		
MIDDLE LTE 20 MHz 64QAM -14 mHz					
MIDDLE LTE 20 MHz 256QAM -84 mHz					
TOP LTE 20 MHz QPSK 1.115 mHz					
TOP         LTE 20 MHz         16QAM         1.016         mHz					
TOP LTE 20 MHz 64QAM 686 mHz					
TOP LTE 20 MHz 256QAM 429 mHz	TOP	LTE 20 MHz	256QAM	429	mHz





Temperature = -10°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-690	mHz
BOTTOM	LTE 5 MHz	16QAM	-1.191	Hz
BOTTOM	LTE 5 MHz	64QAM	646	mHz
BOTTOM	LTE 5 MHz	256QAM	-1.159	mHz
MIDDLE	LTE 5 MHz	QPSK	721	mHz
MIDDLE	LTE 5 MHz	16QAM	1.448	Hz
MIDDLE	LTE 5 MHz	64QAM	1.355	Hz
MIDDLE	LTE 5 MHz	256QAM	1.11	Hz
TOP	LTE 5 MHz	QPSK	724	mHz
TOP	LTE 5 MHz	16QAM	-1.443	Hz
TOP	LTE 5 MHz	64QAM	-989	mHz
TOP	LTE 5 MHz	256QAM	-198	mHz
BOTTOM	LTE 10 MHz	QPSK	-1.211	Hz
BOTTOM	LTE 10 MHz	16QAM	635	mHz
BOTTOM	LTE 10 MHz	64QAM	733	mHz
BOTTOM	LTE 10 MHz	256QAM	-1.256	Hz
MIDDLE	LTE 10 MHz	QPSK	-1.336	Hz
MIDDLE	LTE 10 MHz	16QAM	37	mHz
MIDDLE	LTE 10 MHz	64QAM	1.167	Hz
MIDDLE	LTE 10 MHz	256QAM	-942	mHz
TOP	LTE 10 MHz	QPSK	-1.397	Hz
TOP	LTE 10 MHz	16QAM	-258	mHz
TOP	LTE 10 MHz	64QAM	-609	mHz
TOP	LTE 10 MHz	256QAM	-650	mHz
BOTTOM	LTE 15 MHz	QPSK	-419	mHz
BOTTOM	LTE 15 MHz	16QAM	373	mHz
BOTTOM	LTE 15 MHz	64QAM	-707	mHz
ВОТТОМ	LTE 15 MHz	256QAM	-593	mHz
MIDDLE	LTE 15 MHz	QPSK	983	mHz
MIDDLE	LTE 15 MHz	16QAM	288	mHz
MIDDLE	LTE 15 MHz	64QAM	392	mHz
MIDDLE	LTE 15 MHz	256QAM	993	mHz
TOP	LTE 15 MHz	QPSK	-56	mHz
TOP	LTE 15 MHz	16QAM	-1.475	Hz
TOP	LTE 15 MHz	64QAM	433	mHz
TOP	LTE 15 MHz	256QAM	156	mHz
BOTTOM	LTE 20 MHz	QPSK	362	mHz
BOTTOM	LTE 20 MHz	16QAM	1.05	mHz
BOTTOM	LTE 20 MHz	64QAM	-660	mHz
BOTTOM	LTE 20 MHz	256QAM	1.228	mHz
MIDDLE	LTE 20 MHz	QPSK	-557	mHz
MIDDLE	LTE 20 MHz	16QAM	-1.196	Hz
MIDDLE	LTE 20 MHz	64QAM	-532	mHz
MIDDLE	LTE 20 MHz	256QAM	231	mHz
TOP	LTE 20 MHz	QPSK	-1.034	Hz
TOP	LTE 20 MHz	16QAM	-193	mHz
TOP	LTE 20 MHz	64QAM	-555	mHz
TOP	LTE 20 MHz	256QAM	-858	mHz



	Temperature = 0°C				
Channel	Signal	Modulation	Frequency Error		
BOTTOM	LTE 5 MHz	QPSK	-844	mHz	
BOTTOM	LTE 5 MHz	16QAM	-733	mHz	
BOTTOM	LTE 5 MHz	64QAM	257	mHz	
BOTTOM	LTE 5 MHz	256QAM	873	mHz	
MIDDLE	LTE 5 MHz	QPSK	252	mHz	
MIDDLE	LTE 5 MHz	16QAM	-374	mHz	
MIDDLE	LTE 5 MHz	64QAM	-1.158	Hz	
MIDDLE	LTE 5 MHz	256QAM	-14	mHz	
TOP	LTE 5 MHz	QPSK	691	mHz	
TOP	LTE 5 MHz	16QAM	-930	mHz	
TOP	LTE 5 MHz	64QAM	-1.14	Hz	
TOP	LTE 5 MHz	256QAM	257	mHz	
BOTTOM	LTE 10 MHz	QPSK	-707	mHz	
BOTTOM	LTE 10 MHz	16QAM	1.394	Hz	
BOTTOM	LTE 10 MHz	64QAM	-187	mHz	
BOTTOM	LTE 10 MHz	256QAM	356	mHz	
MIDDLE	LTE 10 MHz	QPSK	261	mHz	
MIDDLE	LTE 10 MHz	16QAM	-1.215	Hz	
MIDDLE	LTE 10 MHz	64QAM	281	mHz	
MIDDLE	LTE 10 MHz	256QAM	-793	mHz	
TOP	LTE 10 MHz	QPSK	-112	mHz	
TOP	LTE 10 MHz	16QAM	-1.162	Hz	
TOP	LTE 10 MHz	64QAM	1.488	Hz	
TOP	LTE 10 MHz	256QAM	769	mHz	
BOTTOM	LTE 15 MHz	QPSK	-8	mHz	
BOTTOM	LTE 15 MHz	16QAM	-347	mHz	
BOTTOM	LTE 15 MHz	64QAM	921	mHz	
BOTTOM	LTE 15 MHz	256QAM	-193	mHz	
MIDDLE	LTE 15 MHz	QPSK	980	mHz	
MIDDLE	LTE 15 MHz	16QAM	463	mHz	
MIDDLE	LTE 15 MHz	64QAM	-791	mHz	
MIDDLE	LTE 15 MHz	256QAM	391	mHz	
TOP	LTE 15 MHz	QPSK	1.208	Hz	
TOP	LTE 15 MHz	16QAM	343	mHz	
TOP	LTE 15 MHz	64QAM	962	mHz	
TOP	LTE 15 MHz	256QAM	872	mHz	
BOTTOM	LTE 20 MHz	QPSK	-395	mHz	
BOTTOM	LTE 20 MHz	16QAM 64QAM	-512 -567	mHz	
BOTTOM BOTTOM	LTE 20 MHz LTE 20 MHz	256QAM		mHz	
MIDDLE	LTE 20 MHz	QPSK	361 149	mHz mHz	
MIDDLE	LTE 20 MHz	16QAM	-303	mHz	
MIDDLE	LTE 20 MHz	64QAM	1.499	Hz	
MIDDLE	LTE 20 MHz	256QAM	659	mHz	
TOP	LTE 20 MHz	QPSK	-698	mHz	
TOP	LTE 20 MHz	16QAM	-1.154	mHz	
TOP	LTE 20 MHz	64QAM	-1.297	mHz	
TOP	LTE 20 MHz	256QAM	617	mHz	
		2000/11/1	1 517	111112	



BOTTOM	Temperature = 10°C				
BOTTOM	Channel	Signal	Modulation	Frequency Error	
BOTTOM	BOTTOM	LTE 5 MHz	QPSK	-1.204	Hz
BOTTOM					mHz
BOTTOM					
MIDDLE         LTE 5 MHz         OPSK         -337         mHz           MIDDLE         LTE 5 MHz         16QAM         -254         mHz           MIDDLE         LTE 5 MHz         64QAM         1.498         Hz           MIDDLE         LTE 5 MHz         256QAM         -1.116         Hz           TOP         LTE 5 MHz         16QAM         361         mHz           TOP         LTE 5 MHz         16QAM         361         mHz           TOP         LTE 5 MHz         256QAM         -1.096         Hz           TOP         LTE 5 MHz         26QAM         -1.096         Hz           TOP         LTE 5 MHz         256QAM         -1.096         Hz           TOP         LTE 10 MHz         QPSK         956         mHz           BOTTOM         LTE 10 MHz         CAQAM         514         mHz           BOTTOM         LTE 10 MHz         26QAM         514         mHz           BOTTOM         LTE 10 MHz         256QAM         671         mHz           BOTTOM         LTE 10 MHz         256QAM         1.075         Hz           MIDDLE         LTE 10 MHz         26QAM         339         mHz					
MIDDLE         LTE 5 MHz         160AM         -254         mHz           MIDDLE         LTE 5 MHz         640AM         1.498         Hz           MIDDLE         LTE 5 MHz         2560AM         -1.116         Hz           TOP         LTE 5 MHz         OPSK         692         mHz           TOP         LTE 5 MHz         160AM         361         mHz           TOP         LTE 5 MHz         260AM         -1.096         Hz           TOP         LTE 5 MHz         2560AM         -1.096         Hz           BOTTOM         LTE 10 MHz         2560AM         1.468         Hz           BOTTOM         LTE 10 MHz         160AM         -788         mHz           BOTTOM         LTE 10 MHz         64QAM         514         mHz           BOTTOM         LTE 10 MHz         2560AM         671         mHz           MIDDLE         LTE 10 MHz         2560AM         1.075         Hz           MIDDLE         LTE 10 MHz         64QAM         394         mHz           MIDDLE         LTE 10 MHz         2560AM         -1.325         Hz           MIDDLE         LTE 10 MHz         2560AM         -1.1325         Hz					
MIDDLE         LTE 5 MHz         640AM         1.498         Hz           MIDDLE         LTE 5 MHz         256QAM         -1.116         Hz           TOP         LTE 5 MHz         256QAM         -1.116         Hz           TOP         LTE 5 MHz         16QAM         361         mHz           TOP         LTE 5 MHz         256QAM         -1.096         Hz           TOP         LTE 5 MHz         256QAM         -1.096         Hz           BOTTOM         LTE 10 MHz         256QAM         -1.468         Hz           BOTTOM         LTE 10 MHz         16QAM         -788         mHz           BOTTOM         LTE 10 MHz         64QAM         514         mHz           BOTTOM         LTE 10 MHz         256QAM         671         mHz           BOTTOM         LTE 10 MHz         266QAM         514         mHz           MIDDLE         LTE 10 MHz         16QAM         946         mHz           MIDDLE         LTE 10 MHz         16QAM         946         mHz           MIDDLE         LTE 10 MHz         256QAM         -1.325         Hz           TOP         LTE 10 MHz         256QAM         -1.177         Hz				1	
MIDDLE					
TOP         LTE 5 MHz         OPSK         692         mHz           TOP         LTE 5 MHz         16QAM         361         mHz           TOP         LTE 5 MHz         16QAM         -1.096         Hz           TOP         LTE 5 MHz         256QAM         1.468         Hz           BOTTOM         LTE 10 MHz         QPSK         956         mHz           BOTTOM         LTE 10 MHz         64QAM         -788         mHz           BOTTOM         LTE 10 MHz         64QAM         514         mHz           BOTTOM         LTE 10 MHz         256QAM         671         mHz           BOTTOM         LTE 10 MHz         256QAM         671         mHz           MIDDLE         LTE 10 MHz         16QAM         -946         mHz           MIDDLE         LTE 10 MHz         16QAM         -339         mHz           MIDDLE         LTE 10 MHz         64QAM         339         mHz           TOP         LTE 10 MHz         0PSK         1.404         Hz           TOP         LTE 10 MHz         64QAM         -610         mHz           TOP         LTE 10 MHz         256QAM         -1.177         Hz           <					
TOP         LTE 5 MHz         16QAM         361         mHz           TOP         LTE 5 MHz         64QAM         -1.096         Hz           TOP         LTE 5 MHz         256QAM         1.468         Hz           BOTTOM         LTE 10 MHz         QPSK         956         mHz           BOTTOM         LTE 10 MHz         16QAM         -788         mHz           BOTTOM         LTE 10 MHz         16QAM         514         mHz           BOTTOM         LTE 10 MHz         256QAM         671         mHz           BOTTOM         LTE 10 MHz         256QAM         671         mHz           MIDDLE         LTE 10 MHz         QPSK         1.075         Hz           MIDDLE         LTE 10 MHz         16QAM         339         mHz           MIDDLE         LTE 10 MHz         256QAM         -1.325         Hz           MIDDLE         LTE 10 MHz         256QAM         -1.325         Hz           TOP         LTE 10 MHz         26QAM         -1.177         Hz           TOP         LTE 10 MHz         64QAM         -601         mHz           BOTTOM         LTE 15 MHz         64QAM         -601         mHz <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
TOP         LTE 5 MHz         64OAM         -1.096         Hz           TOP         LTE 5 MHz         256QAM         1.468         Hz           BOTTOM         LTE 10 MHz         QPSK         956         mHz           BOTTOM         LTE 10 MHz         16QAM         -788         mHz           BOTTOM         LTE 10 MHz         64QAM         514         mHz           BOTTOM         LTE 10 MHz         64QAM         514         mHz           BOTTOM         LTE 10 MHz         64QAM         514         mHz           MIDDLE         LTE 10 MHz         QPSK         1.075         Hz           MIDDLE         LTE 10 MHz         16QAM         -946         mHz           MIDDLE         LTE 10 MHz         16QAM         -946         mHz           MIDDLE         LTE 10 MHz         256QAM         -1.325         Hz           MIDDLE         LTE 10 MHz         QPSK         1.404         Hz           TOP         LTE 10 MHz         QPSK         1.404         Hz           TOP         LTE 10 MHz         256QAM         -1.174         Hz           BOTTOM         LTE 15 MHz         16QAM         -2.1         Hz <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
TOP					
BOTTOM         LTE 10 MHz         QPSK         956         mHz           BOTTOM         LTE 10 MHz         16QAM         -788         mHz           BOTTOM         LTE 10 MHz         64QAM         514         mHz           BOTTOM         LTE 10 MHz         256QAM         671         mHz           MIDDLE         LTE 10 MHz         QPSK         1.075         Hz           MIDDLE         LTE 10 MHz         16QAM         -946         mHz           MIDDLE         LTE 10 MHz         16QAM         -946         mHz           MIDDLE         LTE 10 MHz         16QAM         -946         mHz           MIDDLE         LTE 10 MHz         256QAM         -1.325         Hz           MIDDLE         LTE 10 MHz         QPSK         1.404         Hz           TOP         LTE 10 MHz         QPSK         1.404         Hz           TOP         LTE 10 MHz         256QAM         -1.154         Hz           BOTTOM         LTE 15 MHz         QPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz <td>TOP</td> <td></td> <td></td> <td></td> <td></td>	TOP				
BOTTOM         LTE 10 MHz         16QAM         -788         mHz           BOTTOM         LTE 10 MHz         64QAM         514         mHz           BOTTOM         LTE 10 MHz         64QAM         671         mHz           MIDDLE         LTE 10 MHz         QPSK         1.075         Hz           MIDDLE         LTE 10 MHz         16QAM         -946         mHz           MIDDLE         LTE 10 MHz         64QAM         339         mHz           MIDDLE         LTE 10 MHz         256QAM         -1.325         Hz           MIDDLE         LTE 10 MHz         OPSK         1.404         Hz           TOP         LTE 10 MHz         OPSK         1.404         Hz           TOP         LTE 10 MHz         OPSK         1.177         Hz           TOP         LTE 10 MHz         264QAM         -6601         mHz           TOP         LTE 10 MHz         256QAM         1.402         Hz           BOTTOM         LTE 15 MHz         QPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         64QAM         -159         Hz      <					
BOTTOM         LTE 10 MHz         64QAM         514         mHz           BOTTOM         LTE 10 MHz         256QAM         671         mHz           MIDDLE         LTE 10 MHz         OPSK         1,075         Hz           MIDDLE         LTE 10 MHz         16QAM         -946         mHz           MIDDLE         LTE 10 MHz         64QAM         339         mHz           MIDDLE         LTE 10 MHz         256QAM         -1,325         Hz           MIDDLE         LTE 10 MHz         256QAM         -1,325         Hz           TOP         LTE 10 MHz         16QAM         -1,177         Hz           TOP         LTE 10 MHz         64QAM         -601         mHz           TOP         LTE 10 MHz         256QAM         1,402         Hz           BOTTOM         LTE 15 MHz         QPSK         -1,154         Hz           BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz					
BOTTOM					
MIDDLE         LTE 10 MHz         QPSK         1.075         Hz           MIDDLE         LTE 10 MHz         16QAM         -946         mHz           MIDDLE         LTE 10 MHz         64QAM         339         mHz           MIDDLE         LTE 10 MHz         256QAM         -1.325         Hz           TOP         LTE 10 MHz         QPSK         1.404         Hz           TOP         LTE 10 MHz         16QAM         -1.177         Hz           TOP         LTE 10 MHz         256QAM         -601         mHz           TOP         LTE 10 MHz         256QAM         1.402         Hz           BOTTOM         LTE 15 MHz         OPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         GPSK         1.308         Hz           MIDDLE         LTE 15 MHz         GAQAM         -546         mHz					
MIDDLE         LTE 10 MHz         16QAM         -946         mHz           MIDDLE         LTE 10 MHz         64QAM         339         mHz           MIDDLE         LTE 10 MHz         256QAM         -1.325         Hz           TOP         LTE 10 MHz         QPSK         1.404         Hz           TOP         LTE 10 MHz         16QAM         -1.177         Hz           TOP         LTE 10 MHz         64QAM         -601         mHz           TOP         LTE 10 MHz         256QAM         1.402         Hz           BOTTOM         LTE 15 MHz         QPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         GAQAM         -546         mHz           MIDDLE         LTE 15 MHz         GAQAM         -546         mHz           MIDDLE         LTE 15 MHz         QPSK         82         mHz				1	
MIDDLE         LTE 10 MHz         64QAM         339         mHz           MIDDLE         LTE 10 MHz         256QAM         -1.325         Hz           TOP         LTE 10 MHz         QPSK         1.404         Hz           TOP         LTE 10 MHz         16QAM         -1.177         Hz           TOP         LTE 10 MHz         64QAM         -601         mHz           TOP         LTE 10 MHz         256QAM         1.402         Hz           BOTTOM         LTE 15 MHz         QPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           TOP         LTE 15 MHz         QPSK         82         mHz					
MIDDLE         LTE 10 MHz         256QAM         -1.325         Hz           TOP         LTE 10 MHz         QPSK         1.404         Hz           TOP         LTE 10 MHz         16QAM         -1.177         Hz           TOP         LTE 10 MHz         64QAM         -601         mHz           TOP         LTE 10 MHz         256QAM         1.402         Hz           BOTTOM         LTE 15 MHz         QPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         64QAM         -1         mHz           MIDDLE         LTE 15 MHz         256QAM         -546         mHz           TOP         LTE 15 MHz         26QAM         -737         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz					
TOP         LTE 10 MHz         QPSK         1.404         Hz           TOP         LTE 10 MHz         16QAM         -1.177         Hz           TOP         LTE 10 MHz         64QAM         -601         mHz           TOP         LTE 10 MHz         256QAM         1.402         Hz           BOTTOM         LTE 15 MHz         QPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           TOP         LTE 15 MHz         256QAM         -737         mHz           TOP         LTE 15 MHz         64QAM         -546         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz					
TOP         LTE 10 MHz         16QAM         -1.177         Hz           TOP         LTE 10 MHz         64QAM         -601         mHz           TOP         LTE 10 MHz         256QAM         1.402         Hz           BOTTOM         LTE 15 MHz         QPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           MIDDLE         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         64QAM         -1.241         Hz					
TOP         LTE 10 MHz         64QAM         -601         mHz           TOP         LTE 10 MHz         256QAM         1.402         Hz           BOTTOM         LTE 15 MHz         QPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           MIDDLE         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         QPSK         -741         mHz					
TOP         LTE 10 MHz         256QAM         1.402         Hz           BOTTOM         LTE 15 MHz         QPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           MIDDLE         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         64QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         -1.241         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz					
BOTTOM         LTE 15 MHz         QPSK         -1.154         Hz           BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           MIDDLE         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         -1.241         Hz           TOP         LTE 15 MHz         26QAM         -1.241         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz      <					
BOTTOM         LTE 15 MHz         16QAM         324         mHz           BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           MIDDLE         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         64QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         1.407         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         64QAM         -816         mHz           BOTTOM         LTE 20 MHz         64QAM         -837         mHz					
BOTTOM         LTE 15 MHz         64QAM         -22         mHz           BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           TOP         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         -1.241         Hz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz					
BOTTOM         LTE 15 MHz         256QAM         1.159         Hz           MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           TOP         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         -1.241         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         64QAM         -587         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         GAQAM         -639         mHz      <					
MIDDLE         LTE 15 MHz         QPSK         1.308         Hz           MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           TOP         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         1.407         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         16QAM         -316         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz					
MIDDLE         LTE 15 MHz         16QAM         -1         mHz           MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           TOP         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         1.407         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         16QAM         -316         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz      <					
MIDDLE         LTE 15 MHz         64QAM         -546         mHz           MIDDLE         LTE 15 MHz         256QAM         -737         mHz           TOP         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         1.407         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         16QAM         -316         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
MIDDLE         LTE 15 MHz         256QAM         -737         mHz           TOP         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         1.407         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         16QAM         -316         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz				-546	
TOP         LTE 15 MHz         QPSK         82         mHz           TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         1.407         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         16QAM         -316         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz					
TOP         LTE 15 MHz         16QAM         -376         mHz           TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         1.407         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         16QAM         -316         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz					mHz
TOP         LTE 15 MHz         64QAM         -1.241         Hz           TOP         LTE 15 MHz         256QAM         1.407         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         16QAM         -316         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz	TOP			-376	mHz
TOP         LTE 15 MHz         256QAM         1.407         Hz           BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         16QAM         -316         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz					
BOTTOM         LTE 20 MHz         QPSK         -741         mHz           BOTTOM         LTE 20 MHz         16QAM         -316         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz					
BOTTOM         LTE 20 MHz         16QAM         -316         mHz           BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz	BOTTOM				mHz
BOTTOM         LTE 20 MHz         64QAM         587         mHz           BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz	BOTTOM				
BOTTOM         LTE 20 MHz         256QAM         -230         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz		LTE 20 MHz		587	
MIDDLE         LTE 20 MHz         QPSK         -1.232         Hz           MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz	BOTTOM			-230	
MIDDLE         LTE 20 MHz         16QAM         19         mHz           MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz					
MIDDLE         LTE 20 MHz         64QAM         -639         mHz           MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz	MIDDLE	LTE 20 MHz		19	mHz
MIDDLE         LTE 20 MHz         256QAM         -297         mHz           TOP         LTE 20 MHz         QPSK         -1.133         Hz           TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz		LTE 20 MHz		-639	
TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz	MIDDLE			-297	mHz
TOP         LTE 20 MHz         16QAM         263         mHz           TOP         LTE 20 MHz         64QAM         1.38         Hz	TOP	LTE 20 MHz	QPSK	-1.133	Hz
TOP         LTE 20 MHz         64QAM         1.38         Hz	TOP	LTE 20 MHz		263	mHz
	TOP	LTE 20 MHz			
TOP LTE 20 MHz 256QAM -186 mHz	TOP	LTE 20 MHz	256QAM	-186	mHz



Temperature = 20°C				
Channel	Channel	Channel	Channel	Channel
BOTTOM	LTE 5 MHz	QPSK	-32.904	mHz
BOTTOM	LTE 5 MHz	16QAM	-806.83	mHz
BOTTOM	LTE 5 MHz	64QAM	-1.956	Hz
BOTTOM	LTE 5 MHz	256QAM	-706.13	mHz
MIDDLE	LTE 5 MHz	QPSK	697.71	mHz
MIDDLE	LTE 5 MHz	16QAM	-305.31	mHz
MIDDLE	LTE 5 MHz	64QAM	698.33	mHz
MIDDLE	LTE 5 MHz	256QAM	-753.11	mHz
TOP	LTE 5 MHz	QPSK	468.8	mHz
TOP	LTE 5 MHz	16QAM	-439.8	mHz
TOP	LTE 5 MHz	64QAM	-102.06	mHz
TOP	LTE 5 MHz	256QAM	-772.48	mHz
BOTTOM	LTE 10 MHz	QPSK	571.88	mHz
BOTTOM	LTE 10 MHz	16QAM	460.84	mHz
BOTTOM	LTE 10 MHz	64QAM	1.0889	Hz
BOTTOM	LTE 10 MHz	256QAM	-560.1	mHz
MIDDLE	LTE 10 MHz	QPSK	660.18	mHz
MIDDLE	LTE 10 MHz	16QAM	-644.79	mHz
MIDDLE	LTE 10 MHz	64QAM	-127.31	mHz
MIDDLE	LTE 10 MHz	256QAM	127.16	mHz
TOP	LTE 10 MHz	QPSK	127.69	mHz
TOP	LTE 10 MHz	16QAM	-407.5	mHz
TOP	LTE 10 MHz	64QAM	92.951	mHz
TOP	LTE 10 MHz	256QAM	-261.71	mHz
BOTTOM	LTE 15 MHz	QPSK	282.12	mHz
BOTTOM	LTE 15 MHz	16QAM	-481.14	mHz
BOTTOM	LTE 15 MHz	64QAM	-585.44	mHz
BOTTOM	LTE 15 MHz	256QAM	-1.2794	Hz
MIDDLE	LTE 15 MHz	QPSK	-885.16	mHz
MIDDLE	LTE 15 MHz	16QAM	-884.86	mHz
MIDDLE	LTE 15 MHz	64QAM	669.43	mHz
MIDDLE	LTE 15 MHz	256QAM	-1.0072	Hz
TOP	LTE 15 MHz	QPSK	352.29	mHz
TOP	LTE 15 MHz	16QAM	246.07	mHz
TOP	LTE 15 MHz	64QAM	155.54	mHz
TOP	LTE 15 MHz	256QAM	-323.13	mHz
BOTTOM	LTE 20 MHz	QPSK	81.056	mHz
BOTTOM	LTE 20 MHz	16QAM	412.68	mHz
BOTTOM	LTE 20 MHz	64QAM	-87.235	mHz
BOTTOM	LTE 20 MHz	256QAM	792.1	mHz
MIDDLE	LTE 20 MHz	QPSK	306.94	mHz
MIDDLE	LTE 20 MHz	16QAM	-778.43	mHz
MIDDLE	LTE 20 MHz	64QAM	517.59	mHz
MIDDLE	LTE 20 MHz	256QAM	1.0016	Hz
TOP	LTE 20 MHz	QPSK	-588.16	mHz
TOP	LTE 20 MHz	16QAM	-19.807	mHz
TOP	LTE 20 MHz	64QAM	-467.31	mHz
TOP	LTE 20 MHz	256QAM	-205.49	mHz



	Temperature = 30°C				
Channel	Signal	Modulation	Frequency Error		
BOTTOM	LTE 5 MHz	QPSK	1.281	Hz	
BOTTOM	LTE 5 MHz	16QAM	-301	mHz	
BOTTOM	LTE 5 MHz	64QAM	554	mHz	
BOTTOM	LTE 5 MHz	256QAM	1.493	Hz	
MIDDLE	LTE 5 MHz	QPSK	272	mHz	
MIDDLE	LTE 5 MHz	16QAM	134	mHz	
MIDDLE	LTE 5 MHz	64QAM	370	mHz	
MIDDLE	LTE 5 MHz	256QAM	29	mHz	
TOP	LTE 5 MHz	QPSK	-550	mHz	
TOP	LTE 5 MHz	16QAM	1.172	Hz	
TOP	LTE 5 MHz	64QAM	1.415	Hz	
TOP	LTE 5 MHz	256QAM	-918	mHz	
BOTTOM	LTE 10 MHz	QPSK	-945	mHz	
BOTTOM	LTE 10 MHz	16QAM	-405	mHz	
BOTTOM	LTE 10 MHz	64QAM	842	mHz	
BOTTOM	LTE 10 MHz	256QAM	-74	mHz	
MIDDLE	LTE 10 MHz	QPSK	-1.073	Hz	
MIDDLE	LTE 10 MHz	16QAM	-837	mHz	
MIDDLE	LTE 10 MHz	64QAM	-721	mHz	
MIDDLE	LTE 10 MHz	256QAM	1.401	Hz	
TOP	LTE 10 MHz	QPSK	399	mHz	
TOP	LTE 10 MHz	16QAM	-1.128	Hz	
TOP	LTE 10 MHz	64QAM	-1.324	Hz	
TOP	LTE 10 MHz	256QAM	659	mHz	
ВОТТОМ	LTE 15 MHz	QPSK	-586	mHz	
BOTTOM	LTE 15 MHz	16QAM	399	mHz	
BOTTOM	LTE 15 MHz	64QAM	-1.078	Hz	
BOTTOM	LTE 15 MHz	256QAM	685	mHz	
MIDDLE	LTE 15 MHz	QPSK	-675	mHz	
MIDDLE	LTE 15 MHz	16QAM	1.263	mHz	
MIDDLE	LTE 15 MHz	64QAM	1.03	mHz	
MIDDLE	LTE 15 MHz	256QAM	1.015	Hz	
TOP	LTE 15 MHz	QPSK	-1.484	Hz	
TOP	LTE 15 MHz	16QAM	1.378	Hz	
TOP	LTE 15 MHz	64QAM	115	mHz	
TOP	LTE 15 MHz	256QAM	-1.187	Hz	
BOTTOM	LTE 20 MHz	QPSK	-549	mHz	
BOTTOM	LTE 20 MHz	16QAM	-438	mHz	
BOTTOM BOTTOM	LTE 20 MHz	64QAM 256QAM	-342	mHz	
MIDDLE	LTE 20 MHz LTE 20 MHz	QPSK	39 648	mHz mHz	
MIDDLE	LTE 20 MHz	16QAM	-661	mHz	
MIDDLE	LTE 20 MHz	64QAM	-410	mHz	
MIDDLE	LTE 20 MHz	256QAM	-171	mHz	
TOP	LTE 20 MHz	QPSK	773	mHz	
TOP	LTE 20 MHz	16QAM	-1.027	mHz	
TOP	LTE 20 MHz	64QAM	1.465	mHz	
TOP	LTE 20 MHz	256QAM	-27	mHz	
				12	



Temperature = 40°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-830	mHz
BOTTOM	LTE 5 MHz	16QAM	1.231	Hz
BOTTOM	LTE 5 MHz	64QAM	-881	mHz
BOTTOM	LTE 5 MHz	256QAM	71	mHz
MIDDLE	LTE 5 MHz	QPSK	-770	mHz
MIDDLE	LTE 5 MHz	16QAM	-126	mHz
MIDDLE	LTE 5 MHz	64QAM	517	mHz
MIDDLE	LTE 5 MHz	256QAM	-1.29	Hz
TOP	LTE 5 MHz	QPSK	-449	mHz
TOP	LTE 5 MHz	16QAM	584	mHz
TOP	LTE 5 MHz	64QAM	-898	mHz
TOP	LTE 5 MHz	256QAM	-137	mHz
BOTTOM	LTE 10 MHz	QPSK	846	mHz
BOTTOM	LTE 10 MHz	16QAM	893	mHz
BOTTOM	LTE 10 MHz	64QAM	1.281	Hz
BOTTOM	LTE 10 MHz	256QAM	-108	mHz
MIDDLE	LTE 10 MHz	QPSK	-744	mHz
MIDDLE	LTE 10 MHz	16QAM	1.04	Hz
MIDDLE	LTE 10 MHz	64QAM	1.46	Hz
MIDDLE	LTE 10 MHz	256QAM	-1.458	Hz
TOP	LTE 10 MHz	QPSK	-769	mHz
TOP	LTE 10 MHz	16QAM	-387	mHz
TOP	LTE 10 MHz	64QAM	1.247	Hz
TOP	LTE 10 MHz	256QAM	734	mHz
BOTTOM	LTE 15 MHz	QPSK	-601	mHz
BOTTOM	LTE 15 MHz	16QAM	1.261	Hz
BOTTOM	LTE 15 MHz	64QAM	-942	mHz
BOTTOM	LTE 15 MHz	256QAM	-864	mHz
MIDDLE	LTE 15 MHz	QPSK	-799	mHz
MIDDLE	LTE 15 MHz	16QAM	-1.276	Hz
MIDDLE	LTE 15 MHz	64QAM	-716	mHz
MIDDLE	LTE 15 MHz	256QAM	330	mHz
TOP	LTE 15 MHz	QPSK	-436	mHz
TOP	LTE 15 MHz	16QAM	27	mHz
TOP	LTE 15 MHz	64QAM	1.346	Hz
TOP	LTE 15 MHz	256QAM	-974	mHz
BOTTOM	LTE 20 MHz	QPSK	-153	mHz
BOTTOM	LTE 20 MHz	16QAM	837	mHz
BOTTOM	LTE 20 MHz	64QAM	254	mHz
BOTTOM	LTE 20 MHz	256QAM	-926	mHz
MIDDLE	LTE 20 MHz	QPSK	1.5	mHz
MIDDLE	LTE 20 MHz	16QAM	-358	mHz
MIDDLE	LTE 20 MHz	64QAM	-128	mHz
MIDDLE	LTE 20 MHz	256QAM	1.4	Hz
TOP	LTE 20 MHz	QPSK	342	mHz
TOP	LTE 20 MHz	16QAM	852	mHz
TOP	LTE 20 MHz	64QAM	-548	mHz
TOP	LTE 20 MHz	256QAM	865	mHz



		Temperature = 50°C		
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	603	mHz
BOTTOM	LTE 5 MHz	16QAM	-1.081	Hz
BOTTOM	LTE 5 MHz	64QAM	1.05	Hz
BOTTOM	LTE 5 MHz	256QAM	-1.178	Hz
MIDDLE	LTE 5 MHz	QPSK	750	mHz
MIDDLE	LTE 5 MHz	16QAM	15	mHz
MIDDLE	LTE 5 MHz	64QAM	1.488	Hz
MIDDLE	LTE 5 MHz	256QAM	838	mHz
TOP	LTE 5 MHz	QPSK	-930	mHz
TOP	LTE 5 MHz	16QAM	941	mHz
TOP	LTE 5 MHz	64QAM	331	mHz
TOP	LTE 5 MHz	256QAM	1.066	Hz
BOTTOM	LTE 10 MHz	QPSK	887	mHz
BOTTOM	LTE 10 MHz	16QAM	-278	mHz
BOTTOM	LTE 10 MHz	64QAM	332	mHz
BOTTOM	LTE 10 MHz	256QAM	1.085	Hz
MIDDLE	LTE 10 MHz	QPSK	1.13	Hz
MIDDLE	LTE 10 MHz	16QAM	1.15	Hz
MIDDLE	LTE 10 MHz	64QAM	1.215	Hz
MIDDLE	LTE 10 MHz	256QAM	-192	mHz
TOP	LTE 10 MHz	QPSK	-1.061	Hz
TOP	LTE 10 MHz	16QAM	496	mHz
TOP	LTE 10 MHz	64QAM	-913	mHz
TOP	LTE 10 MHz	256QAM	-1.424	mHz
BOTTOM	LTE 15 MHz	QPSK	440	mHz
BOTTOM	LTE 15 MHz	16QAM	146	mHz
BOTTOM	LTE 15 MHz	64QAM	-829	mHz
BOTTOM	LTE 15 MHz	256QAM	-791	mHz
MIDDLE	LTE 15 MHz	QPSK	85	mHz
MIDDLE	LTE 15 MHz	16QAM	925	mHz
MIDDLE	LTE 15 MHz	64QAM	-15	mHz
MIDDLE	LTE 15 MHz	256QAM	464	mHz
TOP	LTE 15 MHz	QPSK	1.262	mHz
TOP	LTE 15 MHz	16QAM	1.311	mHz
TOP	LTE 15 MHz	64QAM	-12	mHz
TOP	LTE 15 MHz	256QAM	733	mHz
BOTTOM	LTE 20 MHz	QPSK	307	mHz
ВОТТОМ	LTE 20 MHz	16QAM	-682	mHz
BOTTOM	LTE 20 MHz	64QAM	935	mHz
ВОТТОМ	LTE 20 MHz	256QAM	519	mHz
MIDDLE	LTE 20 MHz	QPSK	-1.471	mHz
MIDDLE	LTE 20 MHz	16QAM	-1.281	mHz
MIDDLE	LTE 20 MHz	64QAM	1.491	mHz
MIDDLE	LTE 20 MHz	256QAM	835	mHz
TOP	LTE 20 MHz	QPSK	-1.364	mHz
TOP	LTE 20 MHz	16QAM	637	mHz
TOP	LTE 20 MHz	64QAM	-825	mHz
TOP	LTE 20 MHz	256QAM	1.049	mHz



Specification: FCC 27

## **RF PORT 2**

RF PORT 2				
		Temperature = -30°C		
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	859	mHz
BOTTOM	LTE 5 MHz	16QAM	115	mHz
BOTTOM	LTE 5 MHz	64QAM	905	mHz
BOTTOM	LTE 5 MHz	256QAM	-288	mHz
MIDDLE	LTE 5 MHz	QPSK	281	mHz
MIDDLE	LTE 5 MHz	16QAM	740	mHz
MIDDLE	LTE 5 MHz	64QAM	328	mHz
MIDDLE	LTE 5 MHz	256QAM	1.474	Hz
TOP	LTE 5 MHz	QPSK	-346	mHz
TOP	LTE 5 MHz	16QAM	-524	mHz
TOP	LTE 5 MHz	64QAM	1.247	Hz
TOP	LTE 5 MHz	256QAM	-1.34	Hz
BOTTOM	LTE 10 MHz	QPSK	-757	mHz
BOTTOM	LTE 10 MHz	16QAM	1.494	Hz
BOTTOM	LTE 10 MHz	64QAM	-1.089	Hz
BOTTOM	LTE 10 MHz	256QAM	-702	mHz
MIDDLE	LTE 10 MHz	QPSK	-739	mHz
MIDDLE	LTE 10 MHz	16QAM	-974	mHz
MIDDLE	LTE 10 MHz	64QAM	-1.162	Hz
MIDDLE	LTE 10 MHz	256QAM	-178	mHz
TOP	LTE 10 MHz	QPSK	-1.448	Hz
TOP	LTE 10 MHz	16QAM	972	mHz
TOP	LTE 10 MHz	64QAM	-1.327	Hz
TOP	LTE 10 MHz	256QAM	556	mHz
BOTTOM	LTE 15 MHz	QPSK	-110	mHz
BOTTOM	LTE 15 MHz	16QAM	219	mHz
BOTTOM	LTE 15 MHz	64QAM	-1.099	Hz
BOTTOM	LTE 15 MHz	256QAM	-1.176	Hz
MIDDLE	LTE 15 MHz	QPSK	120	mHz
MIDDLE	LTE 15 MHz	16QAM	1.377	Hz
MIDDLE	LTE 15 MHz	64QAM	-1.352	Hz
MIDDLE	LTE 15 MHz	256QAM	-829	mHz
TOP	LTE 15 MHz	QPSK	-925	mHz
TOP	LTE 15 MHz	16QAM	162	mHz
TOP	LTE 15 MHz	64QAM	229	mHz
TOP	LTE 15 MHz	256QAM	-590	mHz
BOTTOM	LTE 20 MHz	QPSK	-107	mHz
BOTTOM	LTE 20 MHz	16QAM	808	mHz
BOTTOM	LTE 20 MHz	64QAM	-474	mHz
BOTTOM	LTE 20 MHz	256QAM	1.062	Hz
MIDDLE	LTE 20 MHz	QPSK	268	mHz
MIDDLE	LTE 20 MHz	16QAM	757	mHz
MIDDLE	LTE 20 MHz	64QAM	-390	mHz
MIDDLE	LTE 20 MHz	256QAM	638	mHz
TOP	LTE 20 MHz	QPSK	725	mHz
TOP	LTE 20 MHz	16QAM	433	mHz
TOP	LTE 20 MHz	64QAM	-534	mHz
TOP	LTE 20 MHz	256QAM	86	mHz



Temperature = -20°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	544	mHz
BOTTOM	LTE 5 MHz	16QAM	1.494	Hz
BOTTOM	LTE 5 MHz	64QAM	975	mHz
BOTTOM	LTE 5 MHz	256QAM	-1.468	Hz
MIDDLE	LTE 5 MHz	QPSK	490	mHz
MIDDLE	LTE 5 MHz	16QAM	-828	mHz
MIDDLE	LTE 5 MHz	64QAM	1.431	Hz
MIDDLE	LTE 5 MHz	256QAM	756	mHz
TOP	LTE 5 MHz	QPSK	1.221	Hz
TOP	LTE 5 MHz	16QAM	1.166	Hz
TOP	LTE 5 MHz	64QAM	-1.488	Hz
TOP	LTE 5 MHz	256QAM	1.217	Hz
BOTTOM	LTE 10 MHz	QPSK	-295	mHz
BOTTOM	LTE 10 MHz	16QAM	-1.36	Hz
BOTTOM	LTE 10 MHz	64QAM	-194	mHz
BOTTOM	LTE 10 MHz	256QAM	1.097	Hz
MIDDLE	LTE 10 MHz	QPSK	701	mHz
MIDDLE	LTE 10 MHz	16QAM	-1.211	Hz
MIDDLE	LTE 10 MHz	64QAM	1.158	Hz
MIDDLE	LTE 10 MHz	256QAM	398	mHz
TOP	LTE 10 MHz	QPSK	-1.402	Hz
TOP	LTE 10 MHz	16QAM	-1.283	Hz
TOP	LTE 10 MHz	64QAM	875	mHz
TOP	LTE 10 MHz	256QAM	572	mHz
BOTTOM	LTE 15 MHz	QPSK	-1.443	Hz
BOTTOM	LTE 15 MHz	16QAM	-394	mHz
BOTTOM	LTE 15 MHz	64QAM	-1.366	Hz
BOTTOM	LTE 15 MHz	256QAM	-1.28	Hz
MIDDLE	LTE 15 MHz	QPSK	831	mHz
MIDDLE	LTE 15 MHz	16QAM	234	mHz
MIDDLE	LTE 15 MHz	64QAM	-133	mHz
MIDDLE	LTE 15 MHz	256QAM	-1.046	Hz
TOP	LTE 15 MHz	QPSK	-1.225	Hz
TOP	LTE 15 MHz	16QAM	-1.138	Hz
TOP	LTE 15 MHz	64QAM	-368	mHz
TOP	LTE 15 MHz	256QAM	-1.2	Hz
BOTTOM	LTE 20 MHz	QPSK	-9	mHz
BOTTOM	LTE 20 MHz	16QAM	-92	mHz
BOTTOM	LTE 20 MHz	64QAM	-376	mHz
BOTTOM	LTE 20 MHz	256QAM	1.329	Hz
MIDDLE	LTE 20 MHz	QPSK	-225	mHz
MIDDLE	LTE 20 MHz	16QAM	728	mHz
MIDDLE	LTE 20 MHz	64QAM	1.138	Hz
MIDDLE	LTE 20 MHz	256QAM	867	mHz
TOP	LTE 20 MHz	QPSK	-398	mHz
TOP	LTE 20 MHz	16QAM	44	mHz
TOP	LTE 20 MHz	64QAM	-432	mHz
TOP	LTE 20 MHz	256QAM	656	mHz



BOTTOM	Temperature = -10°C				
BOTTOM	Channel	Signal	Modulation	Frequency Error	
BOTTOM	BOTTOM	LTE 5 MHz	QPSK	597	mHz
BOTTOM					
BOTTOM	BOTTOM				Hz
MIDDLE         LTE 5 MHz         OPSK         652         mHz           MIDDLE         LTE 5 MHz         16QAM         -618         mHz           MIDDLE         LTE 5 MHz         64QAM         431         mHz           MIDDLE         LTE 5 MHz         256QAM         -584         mHz           TOP         LTE 5 MHz         256QAM         -584         mHz           TOP         LTE 5 MHz         16QAM         504         mHz           TOP         LTE 5 MHz         64QAM         -504         mHz           TOP         LTE 5 MHz         64QAM         -454         mHz           TOP         LTE 5 MHz         64QAM         -454         mHz           BOTTOM         LTE 10 MHz         OPSK         517         mHz           BOTTOM         LTE 10 MHz         64QAM         -981         mHz           BOTTOM         LTE 10 MHz         26QAM         -922         mHz           MIDDLE         LTE 10 MHz         16QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         64QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         64QAM         -298         mHz					
MIDDLE         LTE 5 MHz         16QAM         -618         mHz           MIDDLE         LTE 5 MHz         64QAM         431         mHz           MIDDLE         LTE 5 MHz         256QAM         -584         mHz           TOP         LTE 5 MHz         QPSK         333         mHz           TOP         LTE 5 MHz         16QAM         504         mHz           TOP         LTE 5 MHz         26QAM         33         mHz           TOP         LTE 5 MHz         256QAM         3         mHz           BOTTOM         LTE 10 MHz         0PSK         517         mHz           BOTTOM         LTE 10 MHz         16QAM         -682         mHz           BOTTOM         LTE 10 MHz         64QAM         -951         mHz           BOTTOM         LTE 10 MHz         64QAM         -951         mHz           MIDDLE         LTE 10 MHz         0PSK         -1,342         Hz           MIDDLE         LTE 10 MHz         16QAM         -298         mHz           MIDDLE         LTE 10 MHz         26QAM         67         mHz           MIDDLE         LTE 10 MHz         26QAM         67         mHz					mHz
MIDDLE         LTE 5 MHz         64QAM         431         mHz           MIDDLE         LTE 5 MHz         256QAM         -584         mHz           TOP         LTE 5 MHz         256QAM         -584         mHz           TOP         LTE 5 MHz         16QAM         504         mHz           TOP         LTE 5 MHz         64QAM         454         mHz           TOP         LTE 5 MHz         256QAM         3         mHz           BOTTOM         LTE 10 MHz         OPSK         517         mHz           BOTTOM         LTE 10 MHz         OPSK         517         mHz           BOTTOM         LTE 10 MHz         64QAM         -951         mHz           BOTTOM         LTE 10 MHz         64QAM         -951         mHz           BOTTOM         LTE 10 MHz         64QAM         -951         mHz           BOTTOM         LTE 10 MHz         26QAM         -951         mHz           MIDDLE         LTE 10 MHz         26QAM         -722         mHz           MIDDLE         LTE 10 MHz         16QAM         -1,045         Hz           MIDDLE         LTE 10 MHz         256QAM         67         mHz					
MIDDLE					
TOP         LTE 5 MHz         OPSK         333         mHz           TOP         LTE 5 MHz         16QAM         504         mHz           TOP         LTE 5 MHz         16QAM         -454         mHz           TOP         LTE 10 MHz         256QAM         3         mHz           BOTTOM         LTE 10 MHz         QPSK         517         mHz           BOTTOM         LTE 10 MHz         16QAM         -682         mHz           BOTTOM         LTE 10 MHz         256QAM         -951         mHz           BOTTOM         LTE 10 MHz         256QAM         -922         mHz           BOTTOM         LTE 10 MHz         256QAM         722         mHz           MIDDLE         LTE 10 MHz         16QAM         -938         mHz           MIDDLE         LTE 10 MHz         64QAM         298         mHz           TOP         LTE 10 MHz         64QAM         298         mHz           TOP         LTE 10 MHz         16QAM         -96         mHz           TOP         LTE 10 MHz         16QAM         -96         mHz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTT					
TOP         LTE 5 MHz         64QAM         -454         mHz           TOP         LTE 5 MHz         256QAM         3         mHz           BOTTOM         LTE 10 MHz         QPSK         517         mHz           BOTTOM         LTE 10 MHz         16QAM         -682         mHz           BOTTOM         LTE 10 MHz         64QAM         -951         mHz           BOTTOM         LTE 10 MHz         64QAM         -951         mHz           BOTTOM         LTE 10 MHz         64QAM         -951         mHz           MIDDLE         LTE 10 MHz         16QAM         -951         mHz           MIDDLE         LTE 10 MHz         16QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         16QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         256QAM         67         mHz           MIDDLE         LTE 10 MHz         20PSK         1.1111         Hz           TOP         LTE 10 MHz         20PSK         1.1111         Hz           TOP         LTE 10 MHz         64QAM         1.063         Hz           BOTTOM         LTE 15 MHz         16QAM         373         mHz      <	TOP			333	
TOP	TOP				
TOP	TOP				mHz
BOTTOM         LTE 10 MHz         QPSK         517         mHz           BOTTOM         LTE 10 MHz         16QAM         -682         mHz           BOTTOM         LTE 10 MHz         64QAM         -951         mHz           BOTTOM         LTE 10 MHz         256QAM         722         mHz           MIDDLE         LTE 10 MHz         QPSK         -1.342         Hz           MIDDLE         LTE 10 MHz         16QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         16QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         24QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         26QAM         67         mHz           MIDDLE         LTE 10 MHz         256QAM         67         mHz           MIDDLE         LTE 10 MHz         26QAM         96         mHz           TOP         LTE 10 MHz         26QAM         1.063         Hz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz	TOP			3	mHz
BOTTOM         LTE 10 MHz         16QAM         -682         mHz           BOTTOM         LTE 10 MHz         64QAM         -951         mHz           BOTTOM         LTE 10 MHz         256QAM         -951         mHz           MIDDLE         LTE 10 MHz         QPSK         -1.342         Hz           MIDDLE         LTE 10 MHz         16QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         64QAM         298         mHz           MIDDLE         LTE 10 MHz         256QAM         67         mHz           MIDDLE         LTE 10 MHz         256QAM         67         mHz           MIDDLE         LTE 10 MHz         OPSK         1.111         Hz           TOP         LTE 10 MHz         OPSK         1.111         Hz           TOP         LTE 10 MHz         264QAM         1.063         Hz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         OPSK         1.027         Hz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz	BOTTOM				mHz
BOTTOM         LTE 10 MHz         64QAM         -951         mHz           BOTTOM         LTE 10 MHz         256QAM         722         mHz           MIDDLE         LTE 10 MHz         OPSK         -1.342         Hz           MIDDLE         LTE 10 MHz         16QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         64QAM         298         mHz           MIDDLE         LTE 10 MHz         64QAM         298         mHz           MIDDLE         LTE 10 MHz         256QAM         67         mHz           MIDDLE         LTE 10 MHz         2PSK         1.111         Hz           TOP         LTE 10 MHz         16QAM         -96         mHz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         16QAM         -373         mHz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         16QAM         -1.403         Hz           MIDDLE         LTE 15 MHz         256QAM         1.397         Hz <td>BOTTOM</td> <td>LTE 10 MHz</td> <td>16QAM</td> <td>-682</td> <td>mHz</td>	BOTTOM	LTE 10 MHz	16QAM	-682	mHz
MIDDLE         LTE 10 MHz         QPSK         -1.342         Hz           MIDDLE         LTE 10 MHz         16QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         64QAM         298         mHz           MIDDLE         LTE 10 MHz         256QAM         67         mHz           TOP         LTE 10 MHz         QPSK         1.111         Hz           TOP         LTE 10 MHz         16QAM         -96         mHz           TOP         LTE 10 MHz         64QAM         1.063         Hz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         GPSK         1.027         Hz           BOTTOM         LTE 15 MHz         64QAM         -373         mHz           BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         GPSK         1.052         Hz           MIDDLE         LTE 15 MHz         GPSK         -1.034         Hz <tr< td=""><td></td><td></td><td></td><td></td><td></td></tr<>					
MIDDLE         LTE 10 MHz         QPSK         -1.342         Hz           MIDDLE         LTE 10 MHz         16QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         64QAM         298         mHz           MIDDLE         LTE 10 MHz         256QAM         67         mHz           TOP         LTE 10 MHz         QPSK         1.111         Hz           TOP         LTE 10 MHz         16QAM         -96         mHz           TOP         LTE 10 MHz         64QAM         1.063         Hz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         GPSK         1.027         Hz           BOTTOM         LTE 15 MHz         64QAM         -373         mHz           BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         GPSK         1.052         Hz           MIDDLE         LTE 15 MHz         GPSK         -1.034         Hz <tr< td=""><td></td><td>LTE 10 MHz</td><td></td><td>722</td><td></td></tr<>		LTE 10 MHz		722	
MIDDLE         LTE 10 MHz         16QAM         -1.045         Hz           MIDDLE         LTE 10 MHz         64QAM         298         mHz           MIDDLE         LTE 10 MHz         256QAM         67         mHz           TOP         LTE 10 MHz         QPSK         1.111         Hz           TOP         LTE 10 MHz         16QAM         -96         mHz           TOP         LTE 10 MHz         64QAM         1.063         Hz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         16QAM         -373         mHz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         0PSK         1.052         Hz           MIDDLE         LTE 15 MHz         0PSK         1.052         Hz           MIDDLE         LTE 15 MHz         64QAM         -457         mHz           MIDDLE         LTE 15 MHz         64QAM         797         mHz <t< td=""><td></td><td>LTE 10 MHz</td><td></td><td></td><td></td></t<>		LTE 10 MHz			
MIDDLE         LTE 10 MHz         256QAM         67         mHz           TOP         LTE 10 MHz         QPSK         1.111         Hz           TOP         LTE 10 MHz         16QAM         -96         mHz           TOP         LTE 10 MHz         64QAM         1.063         Hz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         16QAM         -373         mHz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         256QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         797         mHz           TOP         LTE 15 MHz         256QAM         797         mHz           TOP         LTE 15 MHz         26QAM         -877         mHz	MIDDLE	LTE 10 MHz	16QAM	-1.045	Hz
TOP         LTE 10 MHz         QPSK         1.111         Hz           TOP         LTE 10 MHz         16QAM         -96         mHz           TOP         LTE 10 MHz         64QAM         1.063         Hz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         16QAM         -373         mHz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         16QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           TOP         LTE 15 MHz         256QAM         -877         mHz           TOP         LTE 15 MHz         64QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz	MIDDLE	LTE 10 MHz	64QAM	298	mHz
TOP         LTE 10 MHz         QPSK         1.111         Hz           TOP         LTE 10 MHz         16QAM         -96         mHz           TOP         LTE 10 MHz         64QAM         1.063         Hz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         16QAM         -373         mHz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           BOTTOM         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           TOP         LTE 15 MHz         256QAM         -877         mHz           TOP         LTE 15 MHz         64QAM         959         mHz	MIDDLE	LTE 10 MHz	256QAM	67	mHz
TOP         LTE 10 MHz         16QAM         -96         mHz           TOP         LTE 10 MHz         64QAM         1.063         Hz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         16QAM         -373         mHz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         64QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           MIDDLE         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         64QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz	TOP				Hz
TOP         LTE 10 MHz         64QAM         1.063         Hz           TOP         LTE 10 MHz         256QAM         875         mHz           BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         16QAM         -373         mHz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         16QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           MIDDLE         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         64QAM         1.038         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz      <	TOP	LTE 10 MHz		-96	mHz
BOTTOM         LTE 15 MHz         QPSK         1.027         Hz           BOTTOM         LTE 15 MHz         16QAM         -373         mHz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         16QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           MIDDLE         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         64QAM         1.038         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         GPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz	TOP				Hz
BOTTOM         LTE 15 MHz         16QAM         -373         mHz           BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         64QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           TOP         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         256QAM         -1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz	TOP	LTE 10 MHz	256QAM	875	mHz
BOTTOM         LTE 15 MHz         64QAM         -1.403         Hz           BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         64QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           MIDDLE         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         256QAM         -1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz	BOTTOM	LTE 15 MHz	QPSK	1.027	Hz
BOTTOM         LTE 15 MHz         256QAM         1.397         Hz           MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         64QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           MIDDLE         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         256QAM         1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz	BOTTOM	LTE 15 MHz	16QAM	-373	mHz
MIDDLE         LTE 15 MHz         QPSK         1.052         Hz           MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         64QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           TOP         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         256QAM         -1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz	BOTTOM	LTE 15 MHz	64QAM	-1.403	Hz
MIDDLE         LTE 15 MHz         16QAM         -457         mHz           MIDDLE         LTE 15 MHz         64QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           TOP         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         256QAM         -1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz	BOTTOM	LTE 15 MHz	256QAM	1.397	Hz
MIDDLE         LTE 15 MHz         64QAM         797         mHz           MIDDLE         LTE 15 MHz         256QAM         -877         mHz           TOP         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         256QAM         -1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz	MIDDLE	LTE 15 MHz	QPSK	1.052	Hz
MIDDLE         LTE 15 MHz         256QAM         -877         mHz           TOP         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         256QAM         -1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz	MIDDLE	LTE 15 MHz	16QAM	-457	mHz
TOP         LTE 15 MHz         QPSK         -1.034         Hz           TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         256QAM         -1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz	MIDDLE	LTE 15 MHz	64QAM	797	mHz
TOP         LTE 15 MHz         16QAM         959         mHz           TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         256QAM         -1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz	MIDDLE		256QAM	-877	mHz
TOP         LTE 15 MHz         64QAM         1.038         Hz           TOP         LTE 15 MHz         256QAM         -1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz		LTE 15 MHz	QPSK	-1.034	Hz
TOP         LTE 15 MHz         256QAM         -1.235         Hz           BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz	TOP	LTE 15 MHz	16QAM	959	mHz
BOTTOM         LTE 20 MHz         QPSK         -1.305         Hz           BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz	TOP	LTE 15 MHz	64QAM	1.038	Hz
BOTTOM         LTE 20 MHz         16QAM         487         mHz           BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz	TOP	LTE 15 MHz	256QAM	-1.235	Hz
BOTTOM         LTE 20 MHz         64QAM         1.469         Hz           BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz					
BOTTOM         LTE 20 MHz         256QAM         903         mHz           MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz					
MIDDLE         LTE 20 MHz         QPSK         -1.31         Hz           MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz					
MIDDLE         LTE 20 MHz         16QAM         127         mHz           MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz					
MIDDLE         LTE 20 MHz         64QAM         -652         mHz           MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz					
MIDDLE         LTE 20 MHz         256QAM         641         mHz           TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz					
TOP         LTE 20 MHz         QPSK         287         mHz           TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz			· ·		
TOP         LTE 20 MHz         16QAM         -571         mHz           TOP         LTE 20 MHz         64QAM         74         mHz					
TOP         LTE 20 MHz         64QAM         74         mHz					
! TOP   LTF 20 MHz   2560 AM   615   mHz					
101   1112   2004/101   010   11112	TOP	LTE 20 MHz	256QAM	615	mHz



Temperature = 0°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	1.441	Hz
BOTTOM	LTE 5 MHz	16QAM	-290	mHz
BOTTOM	LTE 5 MHz	64QAM	-105	mHz
BOTTOM	LTE 5 MHz	256QAM	226	mHz
MIDDLE	LTE 5 MHz	QPSK	196	mHz
MIDDLE	LTE 5 MHz	16QAM	184	mHz
MIDDLE	LTE 5 MHz	64QAM	1.214	Hz
MIDDLE	LTE 5 MHz	256QAM	-1.363	Hz
TOP	LTE 5 MHz	QPSK	-1.44	Hz
TOP	LTE 5 MHz	16QAM	72	mHz
TOP	LTE 5 MHz	64QAM	239	mHz
TOP	LTE 5 MHz	256QAM	-72	mHz
BOTTOM	LTE 10 MHz	QPSK	-582	mHz
BOTTOM	LTE 10 MHz	16QAM	281	mHz
BOTTOM	LTE 10 MHz	64QAM	1.283	Hz
BOTTOM	LTE 10 MHz	256QAM	1.396	Hz
MIDDLE	LTE 10 MHz	QPSK	-519	mHz
MIDDLE	LTE 10 MHz	16QAM	-39	mHz
MIDDLE	LTE 10 MHz	64QAM	-1.153	Hz
MIDDLE	LTE 10 MHz	256QAM	541	mHz
TOP	LTE 10 MHz	QPSK	-443	mHz
TOP	LTE 10 MHz	16QAM	-567	mHz
TOP	LTE 10 MHz	64QAM	-151	mHz
TOP	LTE 10 MHz	256QAM	-735	mHz
BOTTOM	LTE 15 MHz	QPSK	1.17	Hz
BOTTOM	LTE 15 MHz	16QAM	-287	mHz
BOTTOM	LTE 15 MHz	64QAM	-1.368	Hz
BOTTOM	LTE 15 MHz	256QAM	443	mHz
MIDDLE	LTE 15 MHz	QPSK	-1.054	Hz
MIDDLE	LTE 15 MHz	16QAM	-413	mHz
MIDDLE	LTE 15 MHz	64QAM	-1.333	Hz
MIDDLE	LTE 15 MHz	256QAM	759	mHz
TOP	LTE 15 MHz	QPSK	-520	mHz
TOP	LTE 15 MHz	16QAM	488	mHz
TOP	LTE 15 MHz	64QAM	1.028	Hz
TOP	LTE 15 MHz	256QAM	194	mHz
BOTTOM	LTE 20 MHz	QPSK	595	mHz
BOTTOM	LTE 20 MHz	16QAM	-137 -522	mHz
BOTTOM	LTE 20 MHz	64QAM		mHz
BOTTOM MIDDLE	LTE 20 MHz	256QAM	294	mHz
MIDDLE	LTE 20 MHz LTE 20 MHz	QPSK 16QAM	-139 1.299	mHz Hz
MIDDLE	LTE 20 MHz	64QAM	-1.124	Hz
MIDDLE	LTE 20 MHz	256QAM	857	mHz
TOP	LTE 20 MHz	QPSK	960	mHz
TOP	LTE 20 MHz	16QAM	-1.437	Hz
TOP	LTE 20 MHz	64QAM	466	mHz
TOP	LTE 20 MHz	256QAM	998	mHz
		2000/11/1	1 888	111112



Temperature = 10°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	863	mHz
BOTTOM	LTE 5 MHz	16QAM	-561	mHz
BOTTOM	LTE 5 MHz	64QAM	1.271	Hz
BOTTOM	LTE 5 MHz	256QAM	-496	mHz
MIDDLE	LTE 5 MHz	QPSK	120	mHz
MIDDLE	LTE 5 MHz	16QAM	-1.329	Hz
MIDDLE	LTE 5 MHz	64QAM	-1.352	Hz
MIDDLE	LTE 5 MHz	256QAM	-601	mHz
TOP	LTE 5 MHz	QPSK	629	mHz
TOP	LTE 5 MHz	16QAM	-637	mHz
TOP	LTE 5 MHz	64QAM	309	mHz
TOP	LTE 5 MHz	256QAM	-308	mHz
BOTTOM	LTE 10 MHz	QPSK	-861	mHz
BOTTOM	LTE 10 MHz	16QAM	-140	mHz
BOTTOM	LTE 10 MHz	64QAM	81	mHz
BOTTOM	LTE 10 MHz	256QAM	-539	mHz
MIDDLE	LTE 10 MHz	QPSK	-319	mHz
MIDDLE	LTE 10 MHz	16QAM	225	mHz
MIDDLE	LTE 10 MHz	64QAM	1.075	Hz
MIDDLE	LTE 10 MHz	256QAM	-211	mHz
TOP	LTE 10 MHz	QPSK	1.287	Hz
TOP	LTE 10 MHz	16QAM	-1.36	Hz
TOP	LTE 10 MHz	64QAM	-514	mHz
TOP	LTE 10 MHz	256QAM	615	mHz
BOTTOM	LTE 15 MHz	QPSK	-985	mHz
BOTTOM	LTE 15 MHz	16QAM	-83	mHz
BOTTOM	LTE 15 MHz	64QAM	834	mHz
BOTTOM	LTE 15 MHz	256QAM	281	mHz
MIDDLE	LTE 15 MHz	QPSK	416	mHz
MIDDLE	LTE 15 MHz	16QAM	-40	mHz
MIDDLE	LTE 15 MHz	64QAM	510	mHz
MIDDLE	LTE 15 MHz	256QAM	-608	mHz
TOP	LTE 15 MHz	QPSK	1.078	Hz
TOP	LTE 15 MHz	16QAM	39	mHz
TOP	LTE 15 MHz	64QAM	30	mHz
TOP	LTE 15 MHz	256QAM	-353	mHz
BOTTOM	LTE 20 MHz	QPSK	-632	mHz
BOTTOM	LTE 20 MHz	16QAM	-1.416	Hz
BOTTOM	LTE 20 MHz	64QAM	1.322	Hz
BOTTOM	LTE 20 MHz	256QAM	-1.164	Hz
MIDDLE	LTE 20 MHz	QPSK	-1.463	Hz
MIDDLE	LTE 20 MHz	16QAM	-363	mHz
MIDDLE	LTE 20 MHz	64QAM	395	mHz
MIDDLE	LTE 20 MHz	256QAM	-77	mHz
TOP	LTE 20 MHz	QPSK	-773	mHz
TOP	LTE 20 MHz	16QAM	-1.352	Hz
TOP	LTE 20 MHz	64QAM	1.283	Hz
TOP	LTE 20 MHz	256QAM	-777	mHz



		Temperature = 20°C	)	
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-454.940	mHz
BOTTOM	LTE 5 MHz	16QAM	251.570	mHz
BOTTOM	LTE 5 MHz	64QAM	-396.480	mHz
BOTTOM	LTE 5 MHz	256QAM	332.630	mHz
MIDDLE	LTE 5 MHz	QPSK	673.190	mHz
MIDDLE	LTE 5 MHz	16QAM	-971.620	mHz
MIDDLE	LTE 5 MHz	64QAM	507.130	mHz
MIDDLE	LTE 5 MHz	256QAM	291.700	mHz
TOP	LTE 5 MHz	QPSK	-901.930	mHz
TOP	LTE 5 MHz	16QAM	-771.720	mHz
TOP	LTE 5 MHz	64QAM	-516.820	mHz
TOP	LTE 5 MHz	256QAM	700.170	mHz
BOTTOM	LTE 10 MHz	QPSK	610.990	mHz
BOTTOM	LTE 10 MHz	16QAM	676.580	mHz
BOTTOM	LTE 10 MHz	64QAM	37.254	mHz
BOTTOM	LTE 10 MHz	256QAM	697.680	mHz
MIDDLE	LTE 10 MHz	QPSK	504.540	mHz
MIDDLE	LTE 10 MHz	16QAM	-1.447	Hz
MIDDLE	LTE 10 MHz	64QAM	-1.545	Hz
MIDDLE	LTE 10 MHz	256QAM	470.310	mHz
TOP	LTE 10 MHz	QPSK	584.200	mHz
TOP	LTE 10 MHz	16QAM	-712.700	mHz
TOP	LTE 10 MHz	64QAM	463.220	mHz
TOP	LTE 10 MHz	256QAM	-91.165	mHz
BOTTOM	LTE 15 MHz	QPSK	575.490	mHz
BOTTOM	LTE 15 MHz	16QAM	-712.620	mHz
BOTTOM	LTE 15 MHz	64QAM	260.750	mHz
BOTTOM	LTE 15 MHz	256QAM	-375.920	mHz
MIDDLE	LTE 15 MHz	QPSK	842.760	mHz
MIDDLE	LTE 15 MHz	16QAM	429.080	mHz
MIDDLE	LTE 15 MHz	64QAM	820.470	mHz
MIDDLE	LTE 15 MHz	256QAM	-227.290	mHz
TOP	LTE 15 MHz	QPSK	458.980	mHz
TOP	LTE 15 MHz	16QAM	755.090	mHz
TOP	LTE 15 MHz	64QAM	1.090	Hz
TOP	LTE 15 MHz	256QAM	-466.420	mHz
BOTTOM	LTE 20 MHz	QPSK	-216.030	mHz
BOTTOM	LTE 20 MHz	16QAM	-123.120	mHz
BOTTOM	LTE 20 MHz	64QAM	-536.280	mHz
BOTTOM	LTE 20 MHz	256QAM	-681.930	mHz
MIDDLE	LTE 20 MHz	QPSK	-521.150	mHz
MIDDLE	LTE 20 MHz	16QAM	672.350	mHz
MIDDLE	LTE 20 MHz	64QAM	938.440	mHz
MIDDLE	LTE 20 MHz	256QAM	503.760	mHz
TOP	LTE 20 MHz	QPSK	602.430	mHz
TOP	LTE 20 MHz	16QAM	99.250	mHz
TOP	LTE 20 MHz	64QAM	-855.260	mHz
TOP	LTE 20 MHz	256QAM	419.010	mHz



Channel         Signal         Modulation         Frequency Error           BOTTOM         LTE 5 MHz         QPSK         -1.289         Hz           BOTTOM         LTE 5 MHz         16QAM         -205         mHz           BOTTOM         LTE 5 MHz         26QAM         -205         mHz           BOTTOM         LTE 5 MHz         26QAM         -1.214         Hz           BOTTOM         LTE 5 MHz         26GQAM         234         mHz           MIDDLE         LTE 5 MHz         26GQAM         1.488         Hz           MIDDLE         LTE 5 MHz         64QAM         -1.28         Hz           MIDDLE         LTE 5 MHz         64QAM         -1.28         Hz           MIDDLE         LTE 5 MHz         26GQAM         286         mHz           TOP         LTE 5 MHz         QPSK         1.048         Hz           TOP         LTE 5 MHz         26GQAM         -198         mHz           TOP         LTE 5 MHz         256QAM         41         mHz           BOTTOM         LTE 10 MHz         26GQAM         -1.186         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz	Temperature = 30°C				
BOTTOM	Channel	Signal	Modulation	Frequency Error	
BOTTOM	BOTTOM	LTE 5 MHz	QPSK	-1.289	Hz
BOTTOM	BOTTOM	LTE 5 MHz	16QAM	-205	mHz
MIDDLE         LTE 5 MHz         QPSK         1.489         Hz           MIDDLE         LTE 5 MHz         16QAM         1.488         Hz           MIDDLE         LTE 5 MHz         266QAM         -1.28         Hz           MIDDLE         LTE 5 MHz         266QAM         286         mHz           TOP         LTE 5 MHz         QPSK         1.048         Hz           TOP         LTE 5 MHz         QPSK         1.048         Hz           TOP         LTE 5 MHz         64QAM         -198         mHz           TOP         LTE 5 MHz         64QAM         -198         mHz           TOP         LTE 5 MHz         256QAM         41         mHz           BOTTOM         LTE 10 MHz         16QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         266QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         266QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         266QAM         -1.87         mHz           MIDDLE         LTE 10 MHz         64QAM         20         mHz	BOTTOM	LTE 5 MHz	64QAM	-1.214	Hz
MIDDLE         LTE 5 MHz         QPSK         1.489         Hz           MIDDLE         LTE 5 MHz         16QAM         1.488         Hz           MIDDLE         LTE 5 MHz         266QAM         -1.28         Hz           MIDDLE         LTE 5 MHz         266QAM         286         mHz           TOP         LTE 5 MHz         QPSK         1.048         Hz           TOP         LTE 5 MHz         QPSK         1.048         Hz           TOP         LTE 5 MHz         64QAM         -198         mHz           TOP         LTE 5 MHz         64QAM         -198         mHz           TOP         LTE 5 MHz         256QAM         41         mHz           BOTTOM         LTE 10 MHz         16QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         266QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         266QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         266QAM         -1.87         mHz           MIDDLE         LTE 10 MHz         64QAM         20         mHz	BOTTOM		256QAM	234	mHz
MIDDLE         LTE 5 MHz         64QAM         -1.28         Hz           MIDDLE         LTE 5 MHz         286QAM         286         mHz           TOP         LTE 5 MHz         QPSK         1.048         Hz           TOP         LTE 5 MHz         16QAM         -816         mHz           TOP         LTE 5 MHz         64QAM         -198         mHz           TOP         LTE 5 MHz         26QAM         -198         mHz           BOTTOM         LTE 10 MHz         QPSK         -382         mHz           BOTTOM         LTE 10 MHz         16QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         26QAM         -1.281         Hz           MIDDLE         LTE 10 MHz         QPSK         -450         mHz           MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         26QAM         20         mHz           MIDDLE         LTE 10 MHz         266QAM         20         mHz           MIDDLE         LTE 10 MHz         266QAM         246         mHz	MIDDLE			1.459	Hz
MIDDLE         LTE 5 MHz         256QAM         286         mHz           TOP         LTE 5 MHz         QPSK         1.048         Hz           TOP         LTE 5 MHz         16QAM         -816         mHz           TOP         LTE 5 MHz         64QAM         -198         mHz           TOP         LTE 5 MHz         256QAM         41         mHz           BOTTOM         LTE 10 MHz         QPSK         -382         mHz           BOTTOM         LTE 10 MHz         GPSK         -382         mHz           BOTTOM         LTE 10 MHz         64QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           MIDDLE         LTE 10 MHz         GPSK         -450         mHz           MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         64QAM         20         mHz           MIDDLE         LTE 10 MHz         266QAM         -246         mHz           TOP         LTE 10 MHz         16QAM         -345         mHz	MIDDLE	LTE 5 MHz	16QAM	1.488	Hz
MIDDLE         LTE 5 MHz         256QAM         286         mHz           TOP         LTE 5 MHz         QPSK         1.048         Hz           TOP         LTE 5 MHz         16QAM         -816         mHz           TOP         LTE 5 MHz         64QAM         -198         mHz           TOP         LTE 5 MHz         256QAM         41         mHz           BOTTOM         LTE 10 MHz         QPSK         -382         mHz           BOTTOM         LTE 10 MHz         GPSK         -382         mHz           BOTTOM         LTE 10 MHz         64QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           MIDDLE         LTE 10 MHz         GPSK         -450         mHz           MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         64QAM         20         mHz           MIDDLE         LTE 10 MHz         266QAM         -246         mHz           TOP         LTE 10 MHz         16QAM         -345         mHz				-1.28	Hz
TOP         LTE 5 MHz         QPSK         1.048         Hz           TOP         LTE 5 MHz         16QAM         -816         mHz           TOP         LTE 5 MHz         16QAM         -198         mHz           TOP         LTE 5 MHz         256QAM         41         mHz           BOTTOM         LTE 10 MHz         QPSK         -382         mHz           BOTTOM         LTE 10 MHz         16QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         256QAM         -187         mHz           BOTTOM         LTE 10 MHz         256QAM         -187         mHz           MIDDLE         LTE 10 MHz         256QAM         -187         mHz           MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         264QAM         20         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         266QAM         -246         mHz           TOP         LTE 10 MHz         64QAM         -73         mHz				286	mHz
TOP         LTE 5 MHz         16QAM         -816         mHz           TOP         LTE 5 MHz         64QAM         -198         mHz           TOP         LTE 5 MHz         256QAM         41         mHz           BOTTOM         LTE 10 MHz         QPSK         -382         mHz           BOTTOM         LTE 10 MHz         16QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         256QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         256QAM         -1.87         mHz           MIDDLE         LTE 10 MHz         256QAM         -187         mHz           MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         26QAM         20         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         26QAM         -246         mHz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         26QAM         -73         mHz	TOP	LTE 5 MHz	QPSK	1.048	Hz
TOP         LTE 5 MHz         64QAM         -198         mHz           TOP         LTE 5 MHz         256QAM         41         mHz           BOTTOM         LTE 10 MHz         QPSK         -382         mHz           BOTTOM         LTE 10 MHz         16QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         256QAM         -187         mHz           MIDDLE         LTE 10 MHz         QPSK         -450         mHz           MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         26QAM         20         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         26QAM         20         mHz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         256QAM         -73         mHz           TOP         LTE 10 MHz         256QAM         -905         mHz	TOP		16QAM	-816	mHz
TOP	TOP			-198	mHz
BOTTOM         LTE 10 MHz         QPSK         -382         mHz           BOTTOM         LTE 10 MHz         16QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         256QAM         -187         mHz           MIDDLE         LTE 10 MHz         QPSK         -450         mHz           MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         64QAM         20         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         26QAM         617         mHz	TOP				
BOTTOM         LTE 10 MHz         16QAM         -1.186         Hz           BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         256QAM         -187         mHz           MIDDLE         LTE 10 MHz         QPSK         -450         mHz           MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         64QAM         20         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           MIDDLE         LTE 10 MHz         QPSK         -1.062         Hz           TOP         LTE 10 MHz         QPSK         -1.062         Hz           TOP         LTE 10 MHz         16QAM         -445         mHz           BOTTOM         LTE 10 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         256QAM         617         mHz           BOTTOM         LTE 15 MHz         QPSK         1.293         Hz <td>BOTTOM</td> <td></td> <td></td> <td>-382</td> <td>mHz</td>	BOTTOM			-382	mHz
BOTTOM         LTE 10 MHz         64QAM         -1.281         Hz           BOTTOM         LTE 10 MHz         256QAM         -187         mHz           MIDDLE         LTE 10 MHz         QPSK         -450         mHz           MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         64QAM         20         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         64QAM         -73         mHz           BOTTOM         LTE 15 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           MIDDLE         LTE 15 MHz         26QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz		LTE 10 MHz	16QAM	-1.186	Hz
BOTTOM					
MIDDLE         LTE 10 MHz         QPSK         -450         mHz           MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         64QAM         20         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         64QAM         -73         mHz           TOP         LTE 10 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         1.363         Hz      <					mHz
MIDDLE         LTE 10 MHz         16QAM         822         mHz           MIDDLE         LTE 10 MHz         64QAM         20         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         QPSK         -1.062         Hz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         264QAM         -73         mHz           TOP         LTE 10 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz      <	MIDDLE	LTE 10 MHz		-450	
MIDDLE         LTE 10 MHz         64QAM         20         mHz           MIDDLE         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         QPSK         -1.062         Hz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         64QAM         -73         mHz           TOP         LTE 10 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz <t< td=""><td></td><td></td><td></td><td>822</td><td>mHz</td></t<>				822	mHz
MIDDLE         LTE 10 MHz         256QAM         -246         mHz           TOP         LTE 10 MHz         QPSK         -1.062         Hz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         64QAM         -73         mHz           TOP         LTE 10 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         QPSK         -1.086         Hz					
TOP         LTE 10 MHz         QPSK         -1.062         Hz           TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         64QAM         -73         mHz           TOP         LTE 10 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz			256QAM		mHz
TOP         LTE 10 MHz         16QAM         -445         mHz           TOP         LTE 10 MHz         64QAM         -73         mHz           TOP         LTE 10 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         256QAM         -633         mHz           TOP         LTE 15 MHz         26QAM         -1.036         Hz					
TOP         LTE 10 MHz         64QAM         -73         mHz           TOP         LTE 10 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           BOTTOM         LTE 20 MHz         QPSK         594         mHz					
TOP         LTE 10 MHz         256QAM         -905         mHz           BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz <tr< td=""><td></td><td></td><td></td><td></td><td></td></tr<>					
BOTTOM         LTE 15 MHz         QPSK         -629         mHz           BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz      <					
BOTTOM         LTE 15 MHz         16QAM         885         mHz           BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz					
BOTTOM         LTE 15 MHz         64QAM         617         mHz           BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz					
BOTTOM         LTE 15 MHz         256QAM         1.326         Hz           MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz					
MIDDLE         LTE 15 MHz         QPSK         1.293         Hz           MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz					Hz
MIDDLE         LTE 15 MHz         16QAM         -314         mHz           MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz					
MIDDLE         LTE 15 MHz         64QAM         1.363         Hz           MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz					mHz
MIDDLE         LTE 15 MHz         256QAM         629         mHz           TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz					
TOP         LTE 15 MHz         QPSK         -1.086         Hz           TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz					
TOP         LTE 15 MHz         16QAM         749         mHz           TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz	TOP				
TOP         LTE 15 MHz         64QAM         -633         mHz           TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz	TOP	LTE 15 MHz	16QAM	749	mHz
TOP         LTE 15 MHz         256QAM         -1.036         Hz           BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz	TOP	LTE 15 MHz		-633	mHz
BOTTOM         LTE 20 MHz         QPSK         594         mHz           BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz					
BOTTOM         LTE 20 MHz         16QAM         -779         mHz           BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz					
BOTTOM         LTE 20 MHz         64QAM         -681         mHz           BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz					
BOTTOM         LTE 20 MHz         256QAM         1.178         Hz           MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz				-681	
MIDDLE         LTE 20 MHz         QPSK         -575         mHz           MIDDLE         LTE 20 MHz         16QAM         -1.022         Hz	BOTTOM				
MIDDLE LTE 20 MHz 16QAM -1.022 Hz					
	MIDDLE	LTE 20 MHz	64QAM	893	mHz
MIDDLE LTE 20 MHz 256QAM 101 mHz			256QAM		
TOP LTE 20 MHz QPSK -360 mHz					
TOP LTE 20 MHz 16QAM 591 mHz					
TOP LTE 20 MHz 64QAM -837 mHz	TOP			-837	
TOP LTE 20 MHz 256QAM -361 mHz	TOP				



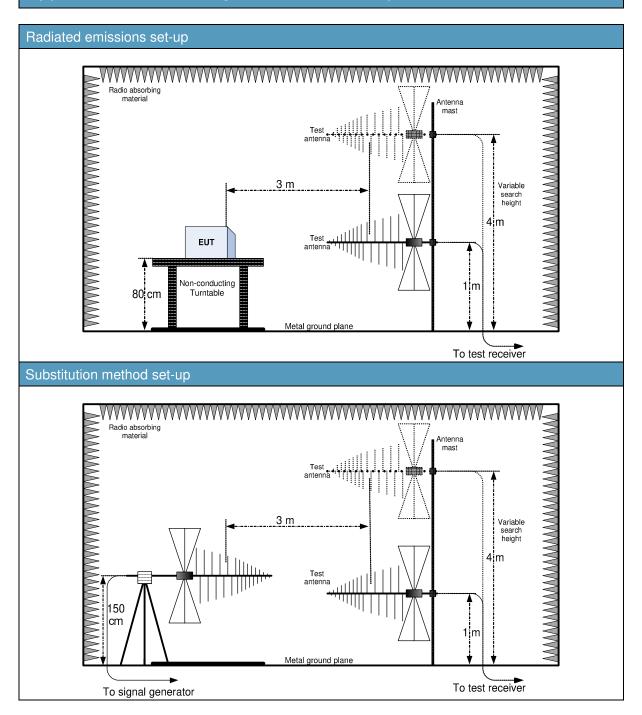
		Temperature = 40°C	)	
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	614	mHz
BOTTOM	LTE 5 MHz	16QAM	-353	mHz
BOTTOM	LTE 5 MHz	64QAM	-14	mHz
BOTTOM	LTE 5 MHz	256QAM	732	mHz
MIDDLE	LTE 5 MHz	QPSK	-1.417	Hz
MIDDLE	LTE 5 MHz	16QAM	-855	mHz
MIDDLE	LTE 5 MHz	64QAM	95	mHz
MIDDLE	LTE 5 MHz	256QAM	-59	mHz
TOP	LTE 5 MHz	QPSK	-873	mHz
TOP	LTE 5 MHz	16QAM	587	mHz
TOP	LTE 5 MHz	64QAM	-805	mHz
TOP	LTE 5 MHz	256QAM	-24	mHz
BOTTOM	LTE 10 MHz	QPSK	1.123	Hz
BOTTOM	LTE 10 MHz	16QAM	1.23	Hz
BOTTOM	LTE 10 MHz	64QAM	347	mHz
BOTTOM	LTE 10 MHz	256QAM	292	mHz
MIDDLE	LTE 10 MHz	QPSK	1.216	Hz
MIDDLE	LTE 10 MHz	16QAM	21	mHz
MIDDLE	LTE 10 MHz	64QAM	358	mHz
MIDDLE	LTE 10 MHz	256QAM	-110	mHz
TOP	LTE 10 MHz	QPSK	-178	mHz
TOP	LTE 10 MHz	16QAM	703	mHz
TOP	LTE 10 MHz	64QAM	1.245	Hz
TOP	LTE 10 MHz	256QAM	-1.026	Hz
BOTTOM	LTE 15 MHz	QPSK	527	mHz
BOTTOM	LTE 15 MHz	16QAM	342	mHz
BOTTOM	LTE 15 MHz	64QAM	1.021	Hz
BOTTOM	LTE 15 MHz	256QAM	-140	mHz
MIDDLE	LTE 15 MHz	QPSK	1.154	Hz
MIDDLE	LTE 15 MHz	16QAM	180	mHz
MIDDLE	LTE 15 MHz	64QAM	861	mHz
MIDDLE	LTE 15 MHz	256QAM	-1.432	Hz
TOP	LTE 15 MHz	QPSK	-779	mHz
TOP	LTE 15 MHz	16QAM	867	mHz
TOP	LTE 15 MHz	64QAM	90	mHz
TOP	LTE 15 MHz	256QAM	-165	mHz
BOTTOM	LTE 20 MHz	QPSK	-346	mHz
BOTTOM	LTE 20 MHz	16QAM	1.486	Hz
BOTTOM	LTE 20 MHz	64QAM	1.163	Hz
BOTTOM	LTE 20 MHz	256QAM	223	mHz
MIDDLE	LTE 20 MHz	QPSK	1.374	Hz
MIDDLE	LTE 20 MHz	16QAM	-834	mHz
MIDDLE	LTE 20 MHz	64QAM	808	mHz
MIDDLE	LTE 20 MHz	256QAM	680	mHz
TOP	LTE 20 MHz	QPSK	-1.427	Hz
TOP	LTE 20 MHz	16QAM	1.414	Hz
TOP	LTE 20 MHz	64QAM	-1.135	Hz
TOP	LTE 20 MHz	256QAM	1.318	Hz



Temperature = 50°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-1.036	Hz
BOTTOM	LTE 5 MHz	16QAM	88	mHz
BOTTOM	LTE 5 MHz	64QAM	-929	mHz
BOTTOM	LTE 5 MHz	256QAM	485	mHz
MIDDLE	LTE 5 MHz	QPSK	239	mHz
MIDDLE	LTE 5 MHz	16QAM	102	mHz
MIDDLE	LTE 5 MHz	64QAM	-1.242	Hz
MIDDLE	LTE 5 MHz	256QAM	1.44	Hz
TOP	LTE 5 MHz	QPSK	1.499	Hz
TOP	LTE 5 MHz	16QAM	-11	mHz
TOP	LTE 5 MHz	64QAM	-1.048	Hz
TOP	LTE 5 MHz	256QAM	221	mHz
BOTTOM	LTE 10 MHz	QPSK	276	mHz
BOTTOM	LTE 10 MHz	16QAM	-472	mHz
BOTTOM	LTE 10 MHz	64QAM	109	mHz
BOTTOM	LTE 10 MHz	256QAM	607	mHz
MIDDLE	LTE 10 MHz	QPSK	859	mHz
MIDDLE	LTE 10 MHz	16QAM	-839	mHz
MIDDLE	LTE 10 MHz	64QAM	537	mHz
MIDDLE	LTE 10 MHz	256QAM	89	mHz
TOP	LTE 10 MHz	QPSK	-1.16	Hz
TOP	LTE 10 MHz	16QAM	-689	mHz
TOP	LTE 10 MHz	64QAM	1.411	Hz
TOP	LTE 10 MHz	256QAM	772	mHz
BOTTOM	LTE 15 MHz	QPSK	391	mHz
BOTTOM	LTE 15 MHz	16QAM	-1.438	Hz
BOTTOM	LTE 15 MHz	64QAM	1.097	Hz
BOTTOM	LTE 15 MHz	256QAM	-150	mHz
MIDDLE	LTE 15 MHz	QPSK	-206	mHz
MIDDLE	LTE 15 MHz	16QAM	-581	mHz
MIDDLE	LTE 15 MHz	64QAM	1.38	Hz
MIDDLE	LTE 15 MHz	256QAM	862	mHz
TOP	LTE 15 MHz	QPSK	-885	mHz
TOP	LTE 15 MHz	16QAM	-411	mHz
TOP	LTE 15 MHz	64QAM	-711	mHz
TOP	LTE 15 MHz	256QAM	-293	mHz
BOTTOM	LTE 20 MHz	QPSK	-1.083	Hz
BOTTOM	LTE 20 MHz	16QAM	-57	mHz
BOTTOM	LTE 20 MHz	64QAM	139	mHz
BOTTOM	LTE 20 MHz	256QAM	-629	mHz
MIDDLE	LTE 20 MHz	QPSK	-95	mHz
MIDDLE	LTE 20 MHz	16QAM	-1.35	Hz
MIDDLE	LTE 20 MHz	64QAM	-701	mHz
MIDDLE	LTE 20 MHz	256QAM	-1.337	Hz
TOP	LTE 20 MHz	QPSK	-1.46	Hz
TOP	LTE 20 MHz	16QAM	-1.166	Hz
TOP	LTE 20 MHz	64QAM	-1.338	Hz
TOP	LTE 20 MHz	256QAM	-995	mHz



# Appendix B: Block diagrams of test set-ups



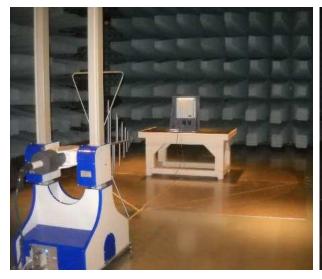
Specification: FCC 27

# Appendix C: EUT Photos

## Photo Set up











# Photo EUT











### **END OF REPORT**