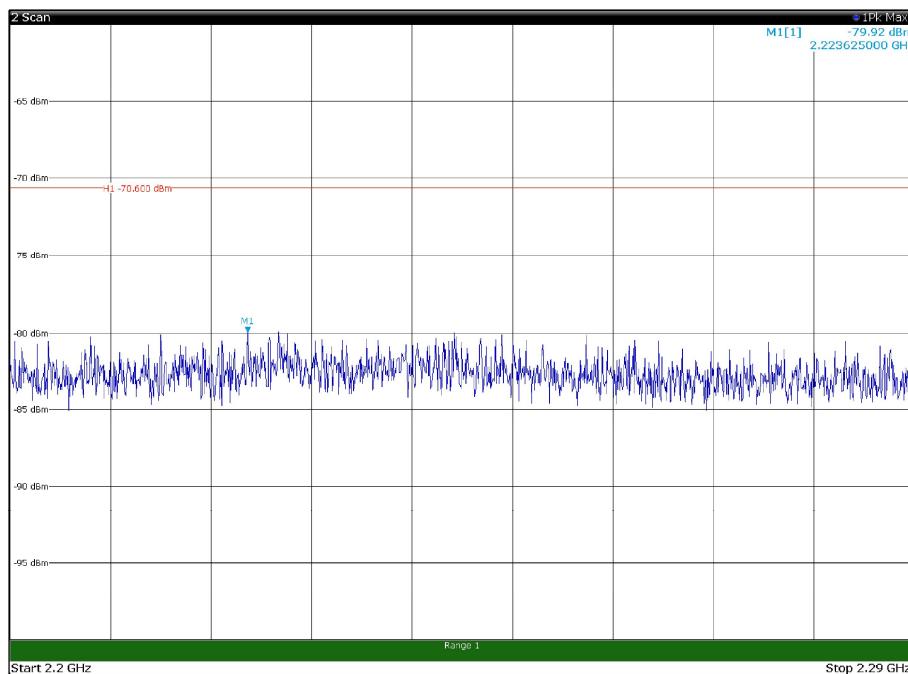
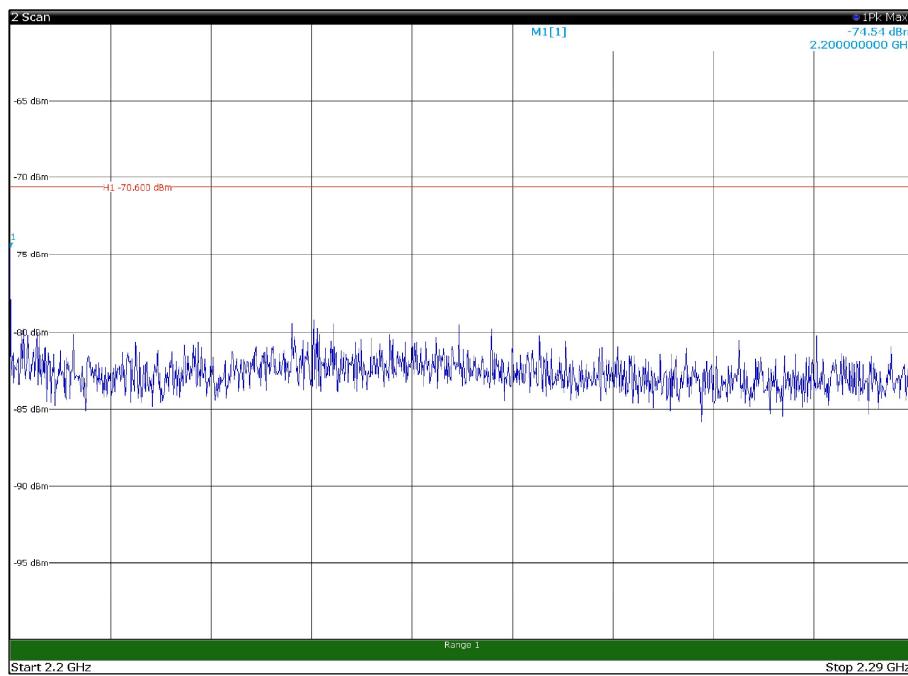


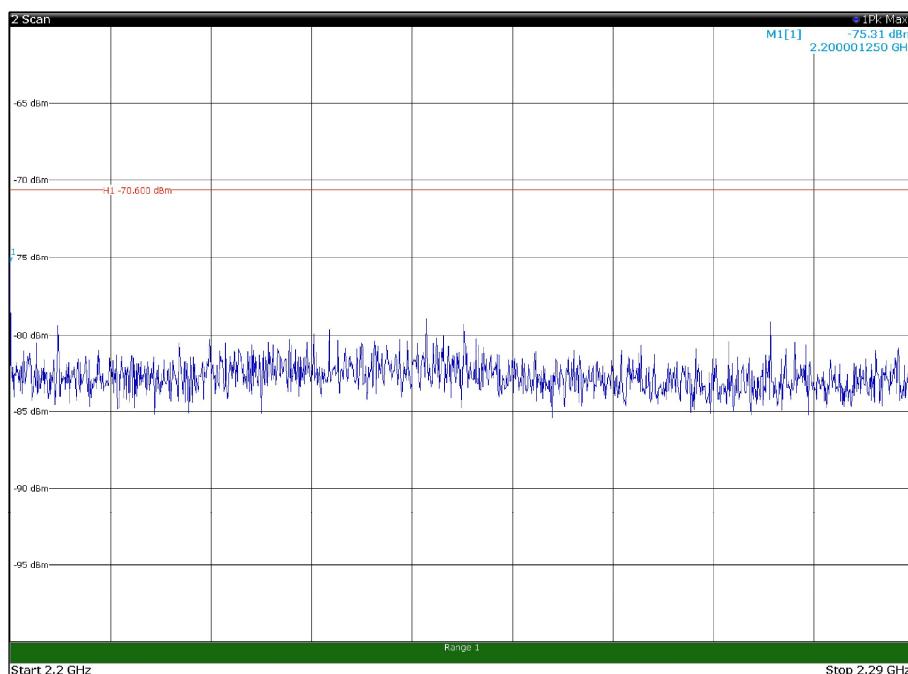
Channel: MIDDLE, Modulation: 256QAM,  
 BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



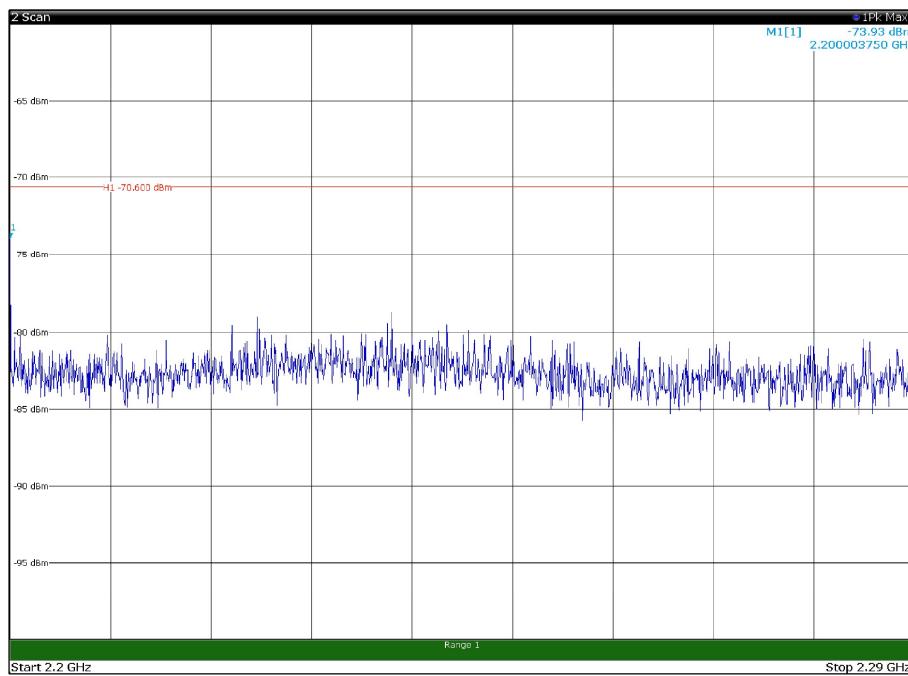
Channel: MIDDLE, Modulation: 256QAM,  
 BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



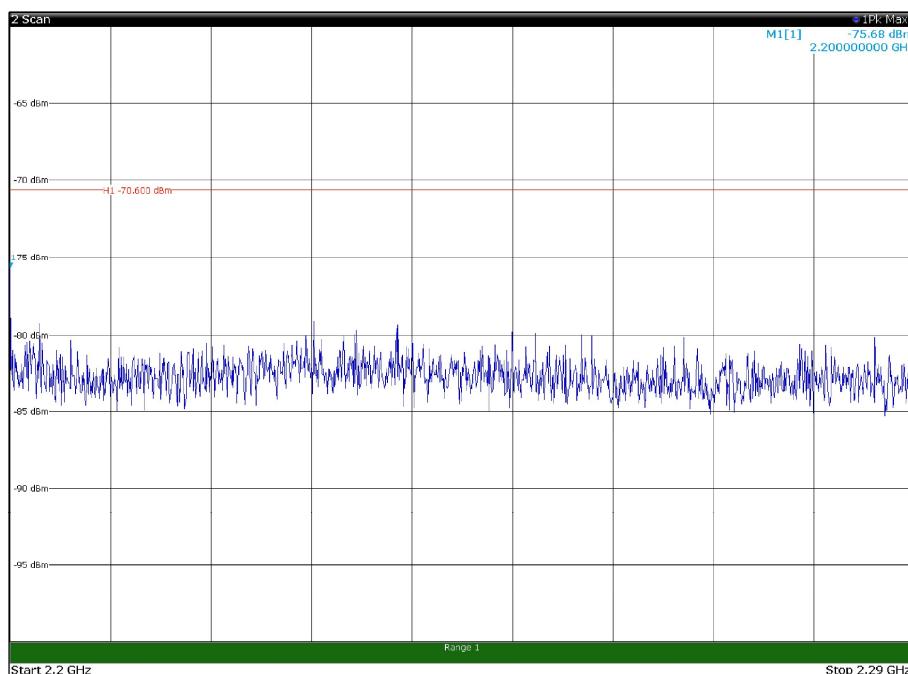
Channel: TOP, Modulation: QPSK,  
 BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



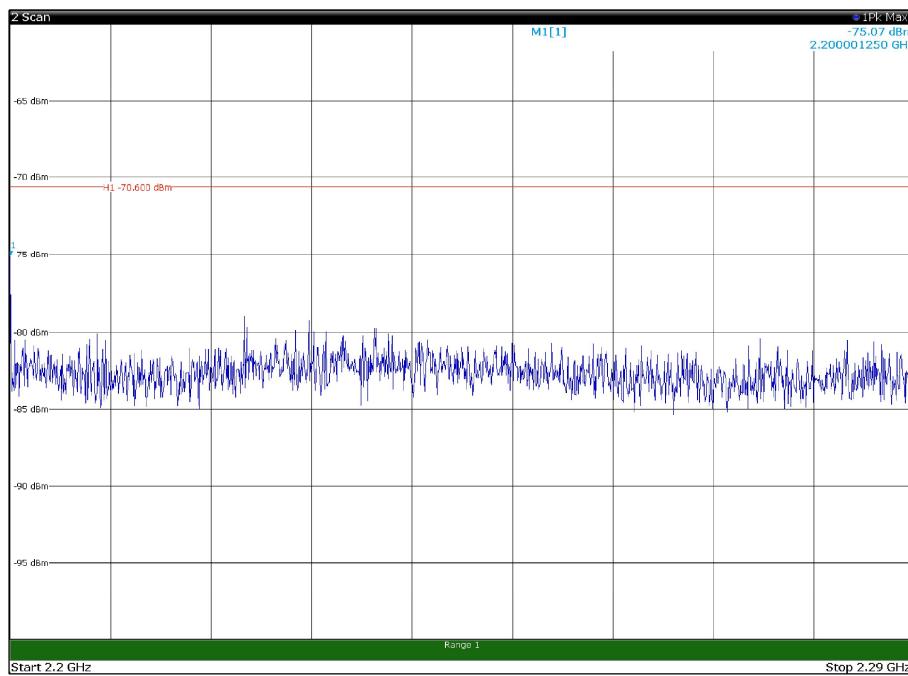
Channel: TOP, Modulation: QPSK,  
 BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



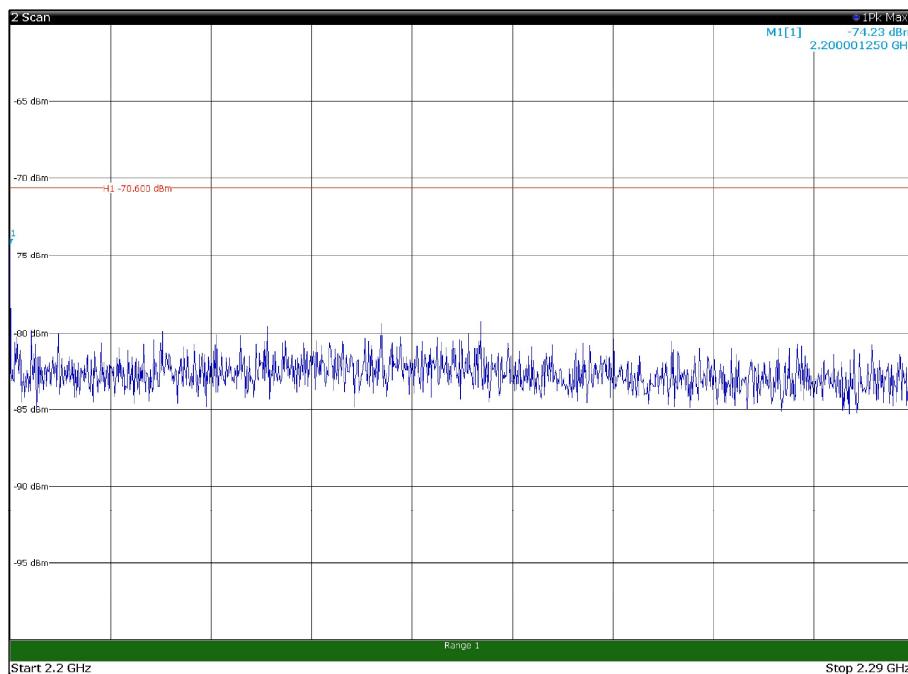
Channel: TOP, Modulation: 16QAM,  
 BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



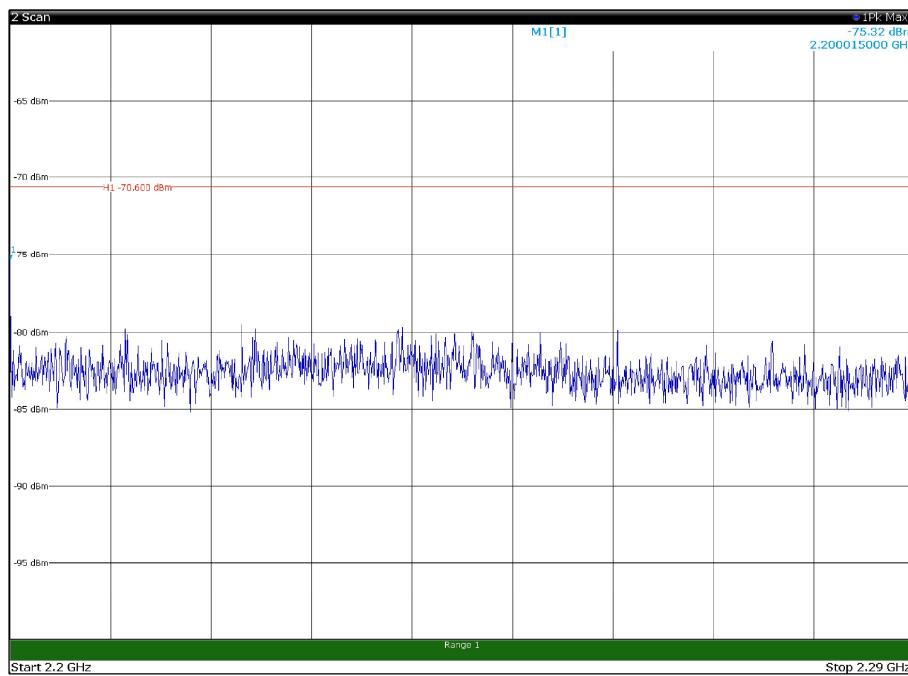
Channel: TOP, Modulation: 16QAM,  
 BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



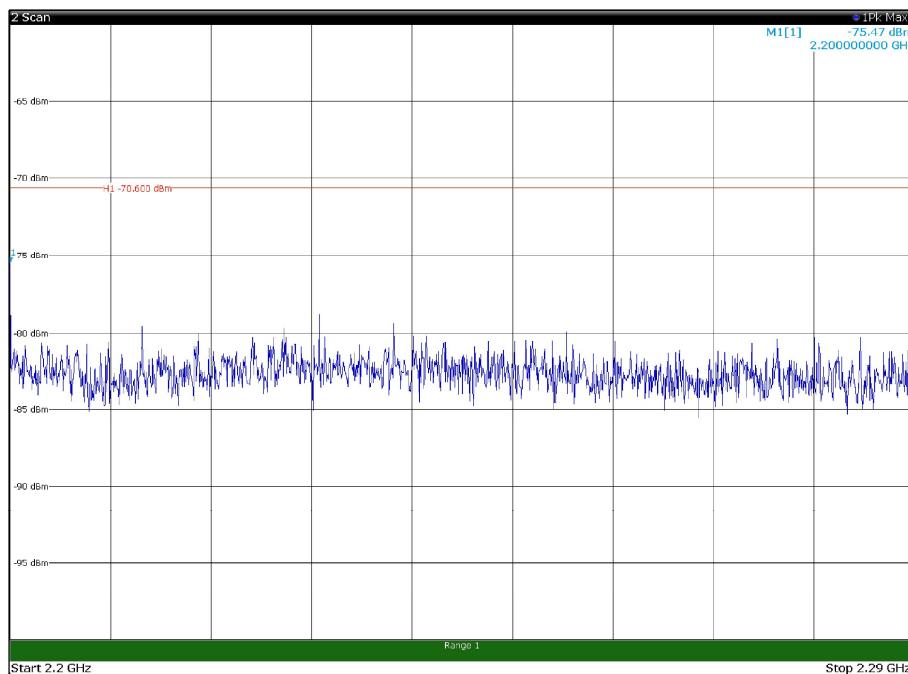
Channel: TOP, Modulation: 64QAM,  
 BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



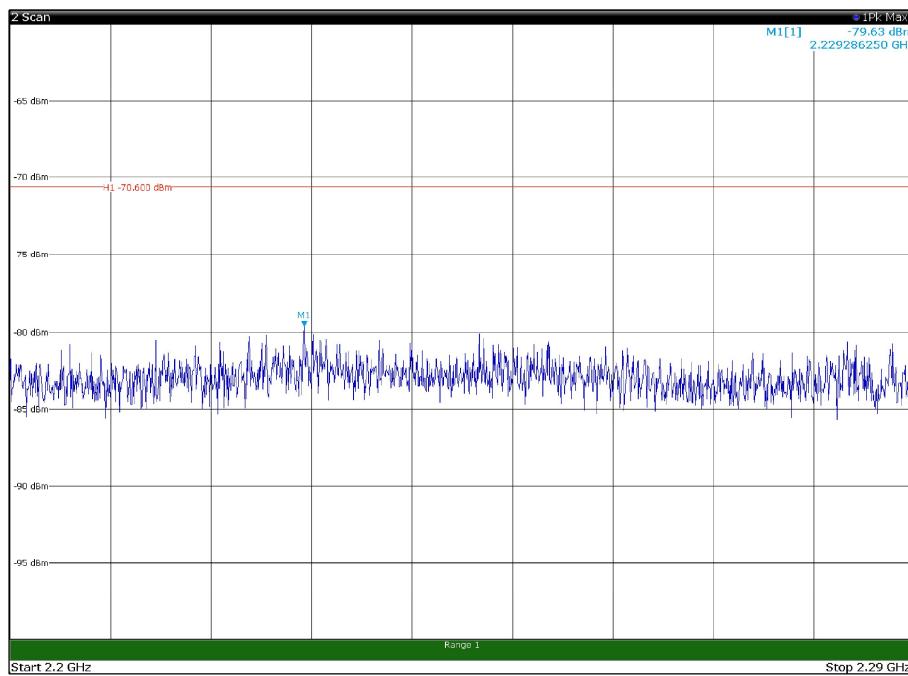
Channel: TOP, Modulation: 64QAM,  
 BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



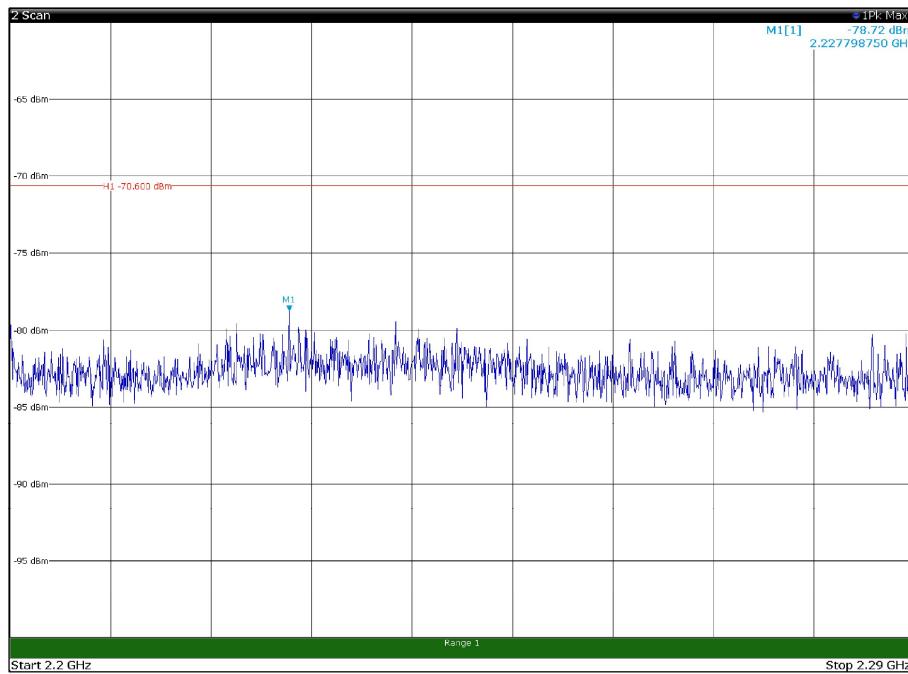
Channel: TOP, Modulation: 256QAM,  
 BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



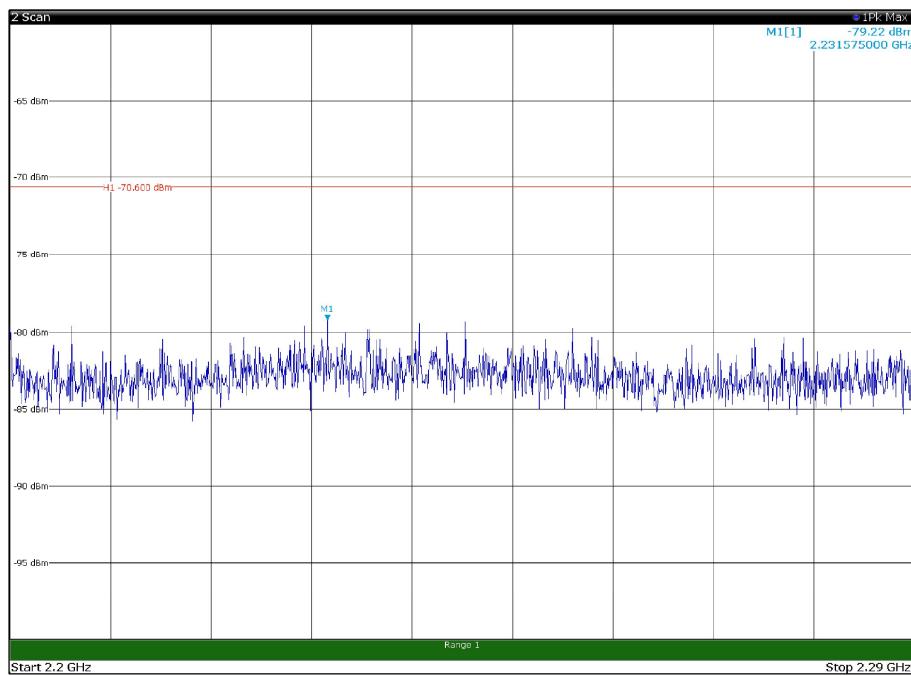
Channel: TOP, Modulation: 256QAM,  
 BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



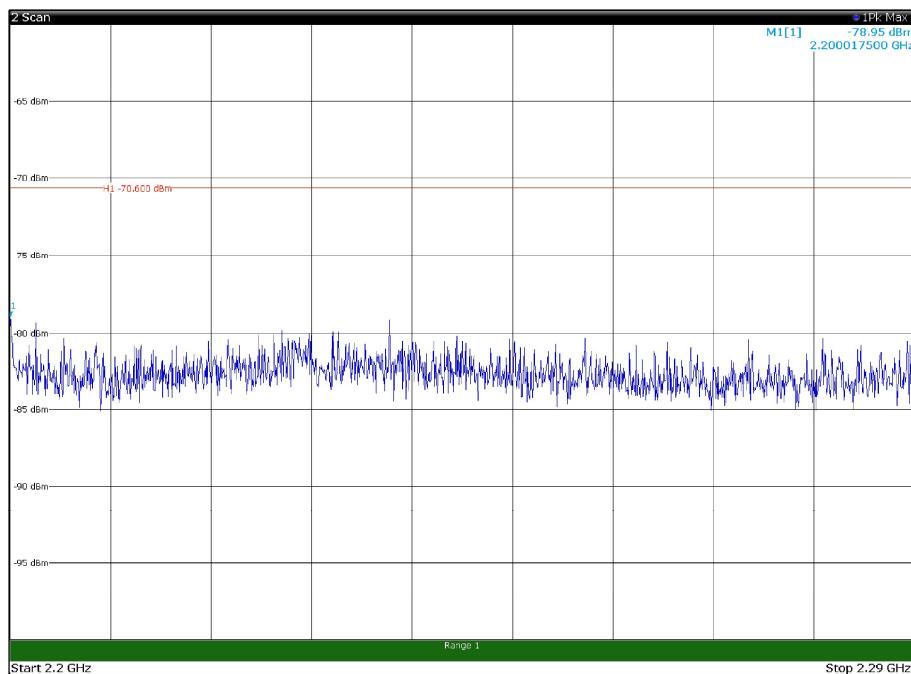
Channel: MIDDLE, Modulation: QPSK,  
 BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



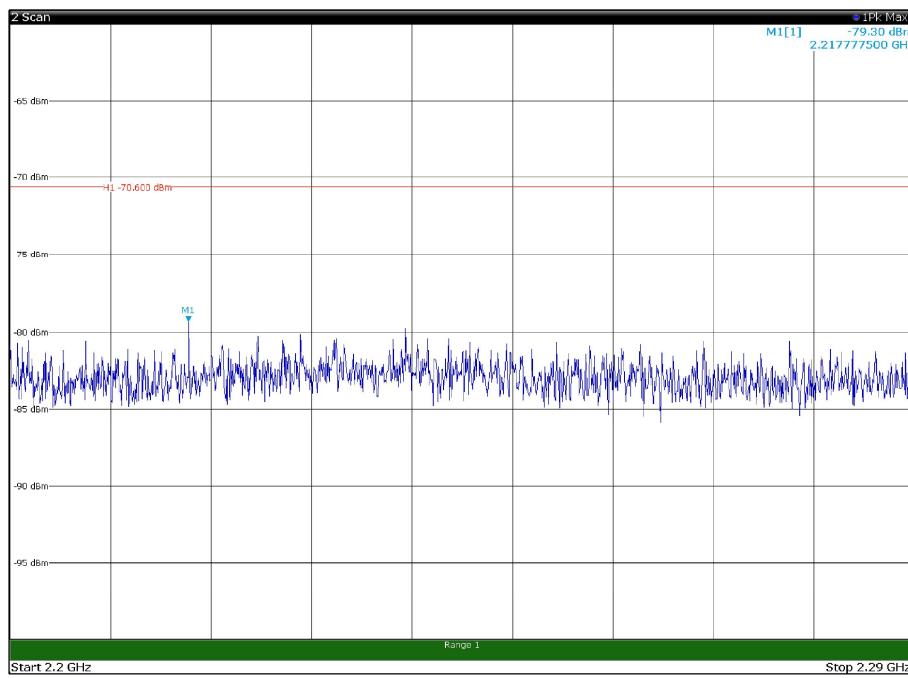
Channel: MIDDLE, Modulation: QPSK,  
 BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



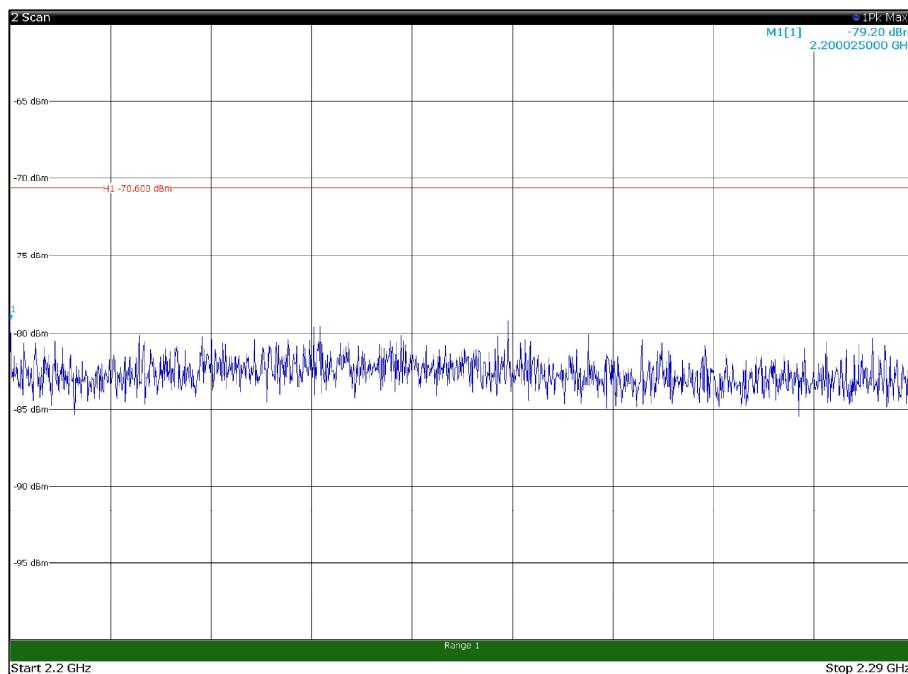
Channel: MIDDLE, Modulation: 16QAM,  
 BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



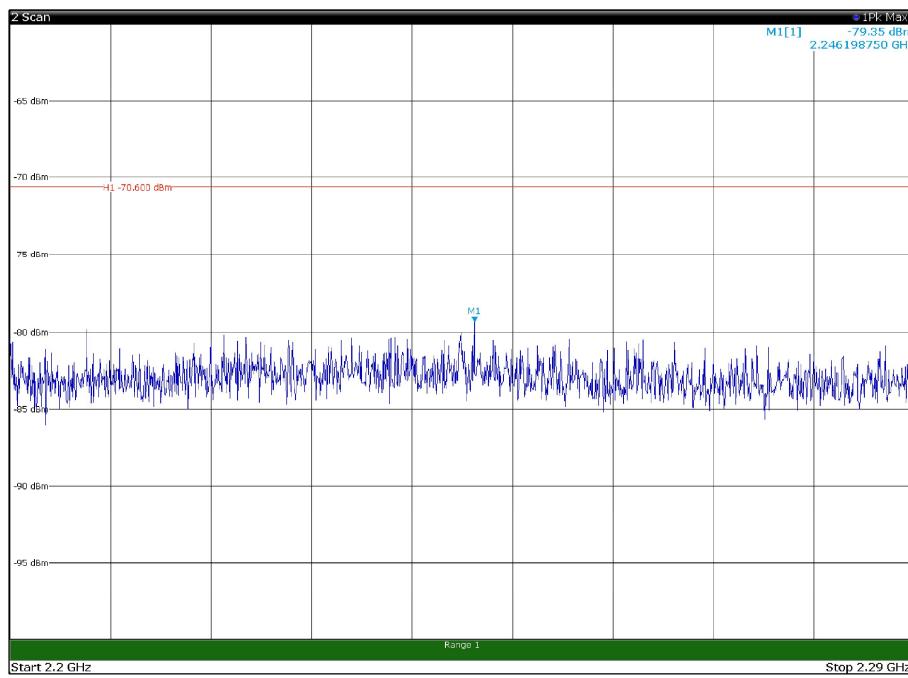
Channel: MIDDLE, Modulation: 16QAM,  
 BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



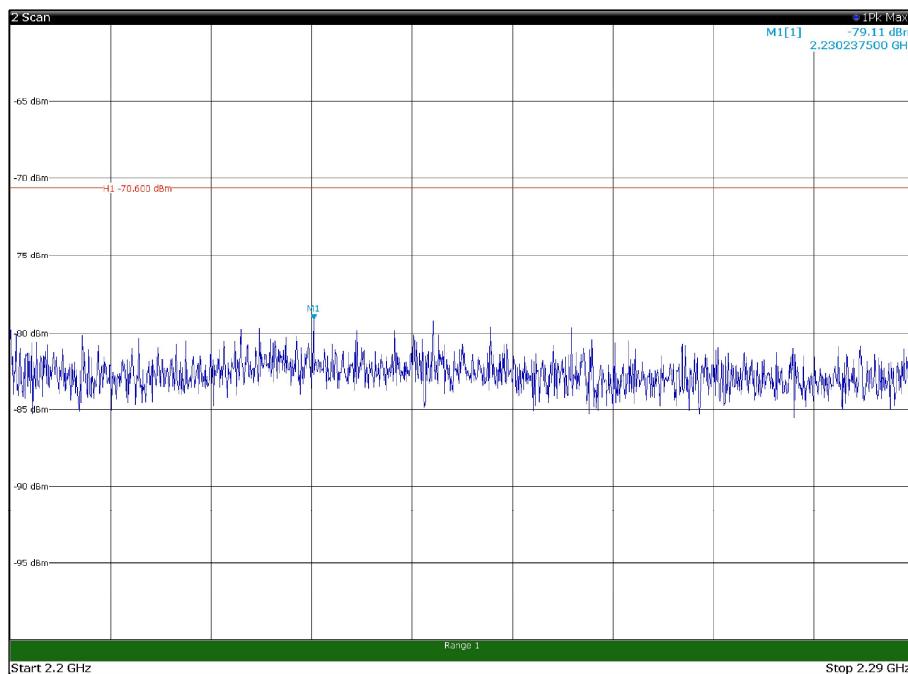
Channel: MIDDLE, Modulation: 64QAM,  
 BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



Channel: MIDDLE, Modulation: 64QAM,  
 BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



Channel: MIDDLE, Modulation: 256QAM,  
 BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



Channel: MIDDLE, Modulation: 256QAM,  
 BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



## 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

Tests are performed at 85% (40,8Vdc) and 115% (55,2Vdc) of the primary supply voltage and the same result was found.

## Clause 27.54 Frequency stability, continued

### Test data

**RF PORT 1**

Temperature = -30°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-706.110	mHz
BOTTOM	LTE 5 MHz	16QAM	767.630	mHz
BOTTOM	LTE 5 MHz	64QAM	882.180	mHz
BOTTOM	LTE 5 MHz	256QAM	1.254	Hz
MIDDLE	LTE 5 MHz	QPSK	543.320	mHz
MIDDLE	LTE 5 MHz	16QAM	326.210	mHz
MIDDLE	LTE 5 MHz	64QAM	992.570	mHz
MIDDLE	LTE 5 MHz	256QAM	720.460	mHz
TOP	LTE 5 MHz	QPSK	-455.350	mHz
TOP	LTE 5 MHz	16QAM	-407.300	mHz
TOP	LTE 5 MHz	64QAM	-228.470	mHz
TOP	LTE 5 MHz	256QAM	-384.260	mHz
BOTTOM	LTE 10 MHz	QPSK	518.020	mHz
BOTTOM	LTE 10 MHz	16QAM	779.370	mHz
BOTTOM	LTE 10 MHz	64QAM	-997.320	mHz
BOTTOM	LTE 10 MHz	256QAM	-977.920	mHz
MIDDLE	LTE 10 MHz	QPSK	336.070	mHz
MIDDLE	LTE 10 MHz	16QAM	-1.558	Hz
MIDDLE	LTE 10 MHz	64QAM	238.430	mHz
MIDDLE	LTE 10 MHz	256QAM	454.050	mHz
TOP	LTE 10 MHz	QPSK	149.760	mHz
TOP	LTE 10 MHz	16QAM	445.750	mHz
TOP	LTE 10 MHz	64QAM	745.880	mHz
TOP	LTE 10 MHz	256QAM	-464.600	mHz
BOTTOM	LTE 15 MHz	QPSK	-44.620	mHz
BOTTOM	LTE 15 MHz	16QAM	-137.980	mHz
BOTTOM	LTE 15 MHz	64QAM	-220.250	mHz
BOTTOM	LTE 15 MHz	256QAM	-924.610	mHz
MIDDLE	LTE 15 MHz	QPSK	-801.740	mHz
MIDDLE	LTE 15 MHz	16QAM	-140.560	mHz
MIDDLE	LTE 15 MHz	64QAM	955.510	mHz
MIDDLE	LTE 15 MHz	256QAM	343.490	mHz
TOP	LTE 15 MHz	QPSK	800.460	mHz
TOP	LTE 15 MHz	16QAM	-236.870	mHz
TOP	LTE 15 MHz	64QAM	784.190	mHz
TOP	LTE 15 MHz	256QAM	-78.219	mHz
MIDDLE	LTE 20 MHz	QPSK	-685.530	mHz
MIDDLE	LTE 20 MHz	16QAM	-118.370	mHz
MIDDLE	LTE 20 MHz	64QAM	394.110	mHz
MIDDLE	LTE 20 MHz	256QAM	-616.100	mHz



Temperature = -20°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	275	mHz
BOTTOM	LTE 5 MHz	16QAM	964	mHz
BOTTOM	LTE 5 MHz	64QAM	276	mHz
BOTTOM	LTE 5 MHz	256QAM	1.35	Hz
MIDDLE	LTE 5 MHz	QPSK	400	mHz
MIDDLE	LTE 5 MHz	16QAM	1.43	Hz
MIDDLE	LTE 5 MHz	64QAM	405	mHz
MIDDLE	LTE 5 MHz	256QAM	-1.142	Hz
TOP	LTE 5 MHz	QPSK	-1.135	Hz
TOP	LTE 5 MHz	16QAM	603	mHz
TOP	LTE 5 MHz	64QAM	13	mHz
TOP	LTE 5 MHz	256QAM	-1.445	Hz
BOTTOM	LTE 10 MHz	QPSK	346	mHz
BOTTOM	LTE 10 MHz	16QAM	933	mHz
BOTTOM	LTE 10 MHz	64QAM	423	mHz
BOTTOM	LTE 10 MHz	256QAM	-501	mHz
MIDDLE	LTE 10 MHz	QPSK	-874	mHz
MIDDLE	LTE 10 MHz	16QAM	-644	mHz
MIDDLE	LTE 10 MHz	64QAM	-578	mHz
MIDDLE	LTE 10 MHz	256QAM	-662	mHz
TOP	LTE 10 MHz	QPSK	357	mHz
TOP	LTE 10 MHz	16QAM	-494	mHz
TOP	LTE 10 MHz	64QAM	1.259	Hz
TOP	LTE 10 MHz	256QAM	-1.445	Hz
BOTTOM	LTE 15 MHz	QPSK	-554	mHz
BOTTOM	LTE 15 MHz	16QAM	-1.5	Hz
BOTTOM	LTE 15 MHz	64QAM	-1.356	Hz
BOTTOM	LTE 15 MHz	256QAM	651	mHz
MIDDLE	LTE 15 MHz	QPSK	-1.409	Hz
MIDDLE	LTE 15 MHz	16QAM	-1.016	Hz
MIDDLE	LTE 15 MHz	64QAM	1.055	Hz
MIDDLE	LTE 15 MHz	256QAM	-538	mHz
TOP	LTE 15 MHz	QPSK	48	mHz
TOP	LTE 15 MHz	16QAM	-13	mHz
TOP	LTE 15 MHz	64QAM	-965	mHz
TOP	LTE 15 MHz	256QAM	-1.372	Hz
MIDDLE	LTE 20 MHz	QPSK	1.027	Hz
MIDDLE	LTE 20 MHz	16QAM	-87	mHz
MIDDLE	LTE 20 MHz	64QAM	-412	mHz
MIDDLE	LTE 20 MHz	256QAM	788	mHz



Temperature = -10°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-345	mHz
BOTTOM	LTE 5 MHz	16QAM	-110	mHz
BOTTOM	LTE 5 MHz	64QAM	215	mHz
BOTTOM	LTE 5 MHz	256QAM	-1.368	Hz
MIDDLE	LTE 5 MHz	QPSK	203	mHz
MIDDLE	LTE 5 MHz	16QAM	1.158	Hz
MIDDLE	LTE 5 MHz	64QAM	491	mHz
MIDDLE	LTE 5 MHz	256QAM	274	mHz
TOP	LTE 5 MHz	QPSK	-824	mHz
TOP	LTE 5 MHz	16QAM	-1.421	Hz
TOP	LTE 5 MHz	64QAM	-1.181	Hz
TOP	LTE 5 MHz	256QAM	1.286	Hz
BOTTOM	LTE 10 MHz	QPSK	1.443	Hz
BOTTOM	LTE 10 MHz	16QAM	1.06	Hz
BOTTOM	LTE 10 MHz	64QAM	1.248	Hz
BOTTOM	LTE 10 MHz	256QAM	-950	mHz
MIDDLE	LTE 10 MHz	QPSK	-552	mHz
MIDDLE	LTE 10 MHz	16QAM	-912	mHz
MIDDLE	LTE 10 MHz	64QAM	957	mHz
MIDDLE	LTE 10 MHz	256QAM	-72	mHz
TOP	LTE 10 MHz	QPSK	-103	mHz
TOP	LTE 10 MHz	16QAM	199	mHz
TOP	LTE 10 MHz	64QAM	-615	mHz
TOP	LTE 10 MHz	256QAM	-234	mHz
BOTTOM	LTE 15 MHz	QPSK	-1.138	Hz
BOTTOM	LTE 15 MHz	16QAM	415	mHz
BOTTOM	LTE 15 MHz	64QAM	-1.177	Hz
BOTTOM	LTE 15 MHz	256QAM	-905	mHz
MIDDLE	LTE 15 MHz	QPSK	1.162	Hz
MIDDLE	LTE 15 MHz	16QAM	594	mHz
MIDDLE	LTE 15 MHz	64QAM	319	mHz
MIDDLE	LTE 15 MHz	256QAM	-1.319	Hz
TOP	LTE 15 MHz	QPSK	1.358	Hz
TOP	LTE 15 MHz	16QAM	-34	mHz
TOP	LTE 15 MHz	64QAM	1.485	Hz
TOP	LTE 15 MHz	256QAM	1.007	Hz
MIDDLE	LTE 20 MHz	QPSK	1.267	Hz
MIDDLE	LTE 20 MHz	16QAM	572	mHz
MIDDLE	LTE 20 MHz	64QAM	-659	mHz
MIDDLE	LTE 20 MHz	256QAM	-536	mHz



Temperature = 0°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	140	mHz
BOTTOM	LTE 5 MHz	16QAM	-892	mHz
BOTTOM	LTE 5 MHz	64QAM	-385	mHz
BOTTOM	LTE 5 MHz	256QAM	1.02	Hz
MIDDLE	LTE 5 MHz	QPSK	245.380	mHz
MIDDLE	LTE 5 MHz	16QAM	-1.393	Hz
MIDDLE	LTE 5 MHz	64QAM	-906.990	mHz
MIDDLE	LTE 5 MHz	256QAM	-389.380	mHz
TOP	LTE 5 MHz	QPSK	185	mHz
TOP	LTE 5 MHz	16QAM	-1.11	Hz
TOP	LTE 5 MHz	64QAM	-274	mHz
TOP	LTE 5 MHz	256QAM	-1.381	Hz
BOTTOM	LTE 10 MHz	QPSK	1.168	Hz
BOTTOM	LTE 10 MHz	16QAM	-1.066	Hz
BOTTOM	LTE 10 MHz	64QAM	1.027	Hz
BOTTOM	LTE 10 MHz	256QAM	-1.415	Hz
MIDDLE	LTE 10 MHz	QPSK	-617.820	mHz
MIDDLE	LTE 10 MHz	16QAM	235.590	mHz
MIDDLE	LTE 10 MHz	64QAM	76.447	mHz
MIDDLE	LTE 10 MHz	256QAM	-369.400	mHz
TOP	LTE 10 MHz	QPSK	-760	mHz
TOP	LTE 10 MHz	16QAM	-1.351	Hz
TOP	LTE 10 MHz	64QAM	-627	mHz
TOP	LTE 10 MHz	256QAM	-376	mHz
BOTTOM	LTE 15 MHz	QPSK	-959	mHz
BOTTOM	LTE 15 MHz	16QAM	536	mHz
BOTTOM	LTE 15 MHz	64QAM	-439	mHz
BOTTOM	LTE 15 MHz	256QAM	-1.355	Hz
MIDDLE	LTE 15 MHz	QPSK	-663.710	mHz
MIDDLE	LTE 15 MHz	16QAM	774.240	mHz
MIDDLE	LTE 15 MHz	64QAM	-1.573	Hz
MIDDLE	LTE 15 MHz	256QAM	-965.660	mHz
TOP	LTE 15 MHz	QPSK	-409	mHz
TOP	LTE 15 MHz	16QAM	963	mHz
TOP	LTE 15 MHz	64QAM	931	mHz
TOP	LTE 15 MHz	256QAM	-1.343	Hz
MIDDLE	LTE 20 MHz	QPSK	-857.440	mHz
MIDDLE	LTE 20 MHz	16QAM	-1.046	Hz
MIDDLE	LTE 20 MHz	64QAM	-1.708	Hz
MIDDLE	LTE 20 MHz	256QAM	419.980	mHz



Temperature = 10°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-1.498	Hz
BOTTOM	LTE 5 MHz	16QAM	-302	mHz
BOTTOM	LTE 5 MHz	64QAM	100	mHz
BOTTOM	LTE 5 MHz	256QAM	206	mHz
MIDDLE	LTE 5 MHz	QPSK	848	mHz
MIDDLE	LTE 5 MHz	16QAM	-255	mHz
MIDDLE	LTE 5 MHz	64QAM	1.141	Hz
MIDDLE	LTE 5 MHz	256QAM	-992	mHz
TOP	LTE 5 MHz	QPSK	321	mHz
TOP	LTE 5 MHz	16QAM	653	mHz
TOP	LTE 5 MHz	64QAM	-369	mHz
TOP	LTE 5 MHz	256QAM	1.485	Hz
BOTTOM	LTE 10 MHz	QPSK	832	mHz
BOTTOM	LTE 10 MHz	16QAM	825	mHz
BOTTOM	LTE 10 MHz	64QAM	330	mHz
BOTTOM	LTE 10 MHz	256QAM	-641	mHz
MIDDLE	LTE 10 MHz	QPSK	-1.465	Hz
MIDDLE	LTE 10 MHz	16QAM	-1.049	Hz
MIDDLE	LTE 10 MHz	64QAM	84	mHz
MIDDLE	LTE 10 MHz	256QAM	309	mHz
TOP	LTE 10 MHz	QPSK	-1.081	Hz
TOP	LTE 10 MHz	16QAM	-602	mHz
TOP	LTE 10 MHz	64QAM	914	mHz
TOP	LTE 10 MHz	256QAM	1.106	Hz
BOTTOM	LTE 15 MHz	QPSK	-324	mHz
BOTTOM	LTE 15 MHz	16QAM	-1.211	Hz
BOTTOM	LTE 15 MHz	64QAM	-299	mHz
BOTTOM	LTE 15 MHz	256QAM	-528	mHz
MIDDLE	LTE 15 MHz	QPSK	676	mHz
MIDDLE	LTE 15 MHz	16QAM	169	mHz
MIDDLE	LTE 15 MHz	64QAM	-228	mHz
MIDDLE	LTE 15 MHz	256QAM	1.208	Hz
TOP	LTE 15 MHz	QPSK	-1.248	Hz
TOP	LTE 15 MHz	16QAM	-494	mHz
TOP	LTE 15 MHz	64QAM	-43	mHz
TOP	LTE 15 MHz	256QAM	586	mHz
MIDDLE	LTE 20 MHz	QPSK	-530	mHz
MIDDLE	LTE 20 MHz	16QAM	-1.489	Hz
MIDDLE	LTE 20 MHz	64QAM	-881	mHz
MIDDLE	LTE 20 MHz	256QAM	-186	mHz



Temperature = 20°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-224.230	mHz
BOTTOM	LTE 5 MHz	16QAM	222.458	mHz
BOTTOM	LTE 5 MHz	64QAM	-376.040	mHz
BOTTOM	LTE 5 MHz	256QAM	-270.620	mHz
MIDDLE	LTE 5 MHz	QPSK	309.920	mHz
MIDDLE	LTE 5 MHz	16QAM	-20.644	mHz
MIDDLE	LTE 5 MHz	64QAM	-950.760	mHz
MIDDLE	LTE 5 MHz	256QAM	-881.440	mHz
TOP	LTE 5 MHz	QPSK	-744.140	mHz
TOP	LTE 5 MHz	16QAM	22.598	mHz
TOP	LTE 5 MHz	64QAM	88.371	mHz
TOP	LTE 5 MHz	256QAM	10.059	mHz
BOTTOM	LTE 10 MHz	QPSK	-77044.000	mHz
BOTTOM	LTE 10 MHz	16QAM	657.640	mHz
BOTTOM	LTE 10 MHz	64QAM	-807.840	mHz
BOTTOM	LTE 10 MHz	256QAM	1.200	Hz
MIDDLE	LTE 10 MHz	QPSK	-234.591	mHz
MIDDLE	LTE 10 MHz	16QAM	1.019	Hz
MIDDLE	LTE 10 MHz	64QAM	-988.840	mHz
MIDDLE	LTE 10 MHz	256QAM	-145.280	mHz
TOP	LTE 10 MHz	QPSK	-992.970	mHz
TOP	LTE 10 MHz	16QAM	-284.870	mHz
TOP	LTE 10 MHz	64QAM	-579.550	mHz
TOP	LTE 10 MHz	256QAM	901.070	mHz
BOTTOM	LTE 15 MHz	QPSK	1.793	Hz
BOTTOM	LTE 15 MHz	16QAM	350.060	mHz
BOTTOM	LTE 15 MHz	64QAM	415.110	mHz
BOTTOM	LTE 15 MHz	256QAM	572.070	mHz
MIDDLE	LTE 15 MHz	QPSK	210.810	mHz
MIDDLE	LTE 15 MHz	16QAM	-499.950	mHz
MIDDLE	LTE 15 MHz	64QAM	-84.265	mHz
MIDDLE	LTE 15 MHz	256QAM	-649.310	mHz
TOP	LTE 15 MHz	QPSK	151.230	mHz
TOP	LTE 15 MHz	16QAM	433.160	mHz
TOP	LTE 15 MHz	64QAM	-40.960	mHz
TOP	LTE 15 MHz	256QAM	-156.600	mHz
MIDDLE	LTE 20 MHz	QPSK	-187.250	mHz
MIDDLE	LTE 20 MHz	16QAM	601.950	mHz
MIDDLE	LTE 20 MHz	64QAM	280.350	mHz
MIDDLE	LTE 20 MHz	256QAM	-461.890	mHz



Temperature = 30°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-341	mHz
BOTTOM	LTE 5 MHz	16QAM	1.126	Hz
BOTTOM	LTE 5 MHz	64QAM	1.274	Hz
BOTTOM	LTE 5 MHz	256QAM	-1.056	Hz
MIDDLE	LTE 5 MHz	QPSK	877	mHz
MIDDLE	LTE 5 MHz	16QAM	-262	mHz
MIDDLE	LTE 5 MHz	64QAM	1.062	Hz
MIDDLE	LTE 5 MHz	256QAM	126	mHz
TOP	LTE 5 MHz	QPSK	1.246	Hz
TOP	LTE 5 MHz	16QAM	593	mHz
TOP	LTE 5 MHz	64QAM	-1.007	Hz
TOP	LTE 5 MHz	256QAM	64	mHz
BOTTOM	LTE 10 MHz	QPSK	676	mHz
BOTTOM	LTE 10 MHz	16QAM	549	mHz
BOTTOM	LTE 10 MHz	64QAM	-1.485	Hz
BOTTOM	LTE 10 MHz	256QAM	-989	mHz
MIDDLE	LTE 10 MHz	QPSK	161	mHz
MIDDLE	LTE 10 MHz	16QAM	680	mHz
MIDDLE	LTE 10 MHz	64QAM	-302	mHz
MIDDLE	LTE 10 MHz	256QAM	291	mHz
TOP	LTE 10 MHz	QPSK	-94	mHz
TOP	LTE 10 MHz	16QAM	1.236	Hz
TOP	LTE 10 MHz	64QAM	1.344	Hz
TOP	LTE 10 MHz	256QAM	53	mHz
BOTTOM	LTE 15 MHz	QPSK	-900	mHz
BOTTOM	LTE 15 MHz	16QAM	1.007	Hz
BOTTOM	LTE 15 MHz	64QAM	139	mHz
BOTTOM	LTE 15 MHz	256QAM	836	mHz
MIDDLE	LTE 15 MHz	QPSK	-31	mHz
MIDDLE	LTE 15 MHz	16QAM	-323	mHz
MIDDLE	LTE 15 MHz	64QAM	-434	mHz
MIDDLE	LTE 15 MHz	256QAM	-1.27	Hz
TOP	LTE 15 MHz	QPSK	966	mHz
TOP	LTE 15 MHz	16QAM	-397	mHz
TOP	LTE 15 MHz	64QAM	312	mHz
TOP	LTE 15 MHz	256QAM	532	mHz
MIDDLE	LTE 20 MHz	QPSK	-1.361	Hz
MIDDLE	LTE 20 MHz	16QAM	1.286	Hz
MIDDLE	LTE 20 MHz	64QAM	-448	mHz
MIDDLE	LTE 20 MHz	256QAM	-688	mHz



Temperature = 40°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	1.462	Hz
BOTTOM	LTE 5 MHz	16QAM	-500	mHz
BOTTOM	LTE 5 MHz	64QAM	76	mHz
BOTTOM	LTE 5 MHz	256QAM	-199	mHz
MIDDLE	LTE 5 MHz	QPSK	-320	mHz
MIDDLE	LTE 5 MHz	16QAM	802	mHz
MIDDLE	LTE 5 MHz	64QAM	-1.446	Hz
MIDDLE	LTE 5 MHz	256QAM	-970	mHz
TOP	LTE 5 MHz	QPSK	525	mHz
TOP	LTE 5 MHz	16QAM	-39	mHz
TOP	LTE 5 MHz	64QAM	-1.487	Hz
TOP	LTE 5 MHz	256QAM	-152	mHz
BOTTOM	LTE 10 MHz	QPSK	1.099	Hz
BOTTOM	LTE 10 MHz	16QAM	996	mHz
BOTTOM	LTE 10 MHz	64QAM	-883	mHz
BOTTOM	LTE 10 MHz	256QAM	-1.452	Hz
MIDDLE	LTE 10 MHz	QPSK	318	mHz
MIDDLE	LTE 10 MHz	16QAM	-369	mHz
MIDDLE	LTE 10 MHz	64QAM	-283	mHz
MIDDLE	LTE 10 MHz	256QAM	-783	mHz
TOP	LTE 10 MHz	QPSK	-42	mHz
TOP	LTE 10 MHz	16QAM	-1.13	Hz
TOP	LTE 10 MHz	64QAM	150	mHz
TOP	LTE 10 MHz	256QAM	802	mHz
BOTTOM	LTE 15 MHz	QPSK	-693	mHz
BOTTOM	LTE 15 MHz	16QAM	275	mHz
BOTTOM	LTE 15 MHz	64QAM	-1.247	Hz
BOTTOM	LTE 15 MHz	256QAM	765	mHz
MIDDLE	LTE 15 MHz	QPSK	1.099	Hz
MIDDLE	LTE 15 MHz	16QAM	531	mHz
MIDDLE	LTE 15 MHz	64QAM	-325	mHz
MIDDLE	LTE 15 MHz	256QAM	-1.094	Hz
TOP	LTE 15 MHz	QPSK	1.068	Hz
TOP	LTE 15 MHz	16QAM	470	mHz
TOP	LTE 15 MHz	64QAM	-841	mHz
TOP	LTE 15 MHz	256QAM	235	mHz
MIDDLE	LTE 20 MHz	QPSK	-1.076	Hz
MIDDLE	LTE 20 MHz	16QAM	1.462	Hz
MIDDLE	LTE 20 MHz	64QAM	-1.146	Hz
MIDDLE	LTE 20 MHz	256QAM	-516	mHz



Temperature = 50°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-167.76	mHz
BOTTOM	LTE 5 MHz	16QAM	-363.03	mHz
BOTTOM	LTE 5 MHz	64QAM	686.97	mHz
BOTTOM	LTE 5 MHz	256QAM	-660.08	mHz
MIDDLE	LTE 5 MHz	QPSK	368.77	mHz
MIDDLE	LTE 5 MHz	16QAM	-680.94	mHz
MIDDLE	LTE 5 MHz	64QAM	-61.152	mHz
MIDDLE	LTE 5 MHz	256QAM	-1.122	Hz
TOP	LTE 5 MHz	QPSK	722.16	mHz
TOP	LTE 5 MHz	16QAM	854.89	mHz
TOP	LTE 5 MHz	64QAM	137.35	mHz
TOP	LTE 5 MHz	256QAM	-324.77	mHz
BOTTOM	LTE 10 MHz	QPSK	410.16	mHz
BOTTOM	LTE 10 MHz	16QAM	-146.45	mHz
BOTTOM	LTE 10 MHz	64QAM	-1.7721	Hz
BOTTOM	LTE 10 MHz	256QAM	-850.71	mHz
MIDDLE	LTE 10 MHz	QPSK	-938.06	mHz
MIDDLE	LTE 10 MHz	16QAM	60.443	mHz
MIDDLE	LTE 10 MHz	64QAM	898.24	mHz
MIDDLE	LTE 10 MHz	256QAM	-850.71	mHz
TOP	LTE 10 MHz	QPSK	414.88	mHz
TOP	LTE 10 MHz	16QAM	-309.58	mHz
TOP	LTE 10 MHz	64QAM	384	mHz
TOP	LTE 10 MHz	256QAM	596.77	mHz
BOTTOM	LTE 15 MHz	QPSK	1.1887	Hz
BOTTOM	LTE 15 MHz	16QAM	176.94	mHz
BOTTOM	LTE 15 MHz	64QAM	-992.66	mHz
BOTTOM	LTE 15 MHz	256QAM	-1.108	Hz
MIDDLE	LTE 15 MHz	QPSK	742.83	mHz
MIDDLE	LTE 15 MHz	16QAM	-1.1093	Hz
MIDDLE	LTE 15 MHz	64QAM	-285.2	mHz
MIDDLE	LTE 15 MHz	256QAM	-1.485	Hz
TOP	LTE 15 MHz	QPSK	-914.4	mHz
TOP	LTE 15 MHz	16QAM	147.8	mHz
TOP	LTE 15 MHz	64QAM	-1.0002	Hz
TOP	LTE 15 MHz	256QAM	-61.864	mHz
MIDDLE	LTE 20 MHz	QPSK	1.0255	Hz
MIDDLE	LTE 20 MHz	16QAM	552.99	mHz
MIDDLE	LTE 20 MHz	64QAM	-1.4175	Hz
MIDDLE	LTE 20 MHz	256QAM	-923.74	mHz

**RF PORT 2**

Temperature = -30°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-1.455	Hz
BOTTOM	LTE 5 MHz	16QAM	-776	mHz
BOTTOM	LTE 5 MHz	64QAM	-555	mHz
BOTTOM	LTE 5 MHz	256QAM	1.312	Hz
MIDDLE	LTE 5 MHz	QPSK	-774.36	mHz
MIDDLE	LTE 5 MHz	16QAM	902.41	mHz
MIDDLE	LTE 5 MHz	64QAM	634.86	mHz
MIDDLE	LTE 5 MHz	256QAM	313.59	mHz
TOP	LTE 5 MHz	QPSK	899	mHz
TOP	LTE 5 MHz	16QAM	514	mHz
TOP	LTE 5 MHz	64QAM	458	mHz
TOP	LTE 5 MHz	256QAM	1.333	Hz
BOTTOM	LTE 10 MHz	QPSK	1.41	Hz
BOTTOM	LTE 10 MHz	16QAM	1.233	Hz
BOTTOM	LTE 10 MHz	64QAM	18	mHz
BOTTOM	LTE 10 MHz	256QAM	624	mHz
MIDDLE	LTE 10 MHz	QPSK	658.36	mHz
MIDDLE	LTE 10 MHz	16QAM	664.59	mHz
MIDDLE	LTE 10 MHz	64QAM	-1.4065	Hz
MIDDLE	LTE 10 MHz	256QAM	262.96	mHz
TOP	LTE 10 MHz	QPSK	444	mHz
TOP	LTE 10 MHz	16QAM	41	mHz
TOP	LTE 10 MHz	64QAM	-710	mHz
TOP	LTE 10 MHz	256QAM	-57	mHz
BOTTOM	LTE 15 MHz	QPSK	-1.207	Hz
BOTTOM	LTE 15 MHz	16QAM	399	mHz
BOTTOM	LTE 15 MHz	64QAM	-230	mHz
BOTTOM	LTE 15 MHz	256QAM	430	mHz
MIDDLE	LTE 15 MHz	QPSK	-426.69	mHz
MIDDLE	LTE 15 MHz	16QAM	327.24	mHz
MIDDLE	LTE 15 MHz	64QAM	-1.3595	Hz
MIDDLE	LTE 15 MHz	256QAM	-253.61	mHz
TOP	LTE 15 MHz	QPSK	-1.483	Hz
TOP	LTE 15 MHz	16QAM	375	mHz
TOP	LTE 15 MHz	64QAM	615	mHz
TOP	LTE 15 MHz	256QAM	-1.221	Hz
MIDDLE	LTE 20 MHz	QPSK	-841.02	mHz
MIDDLE	LTE 20 MHz	16QAM	-889.19	mHz
MIDDLE	LTE 20 MHz	64QAM	-182.3	mHz
MIDDLE	LTE 20 MHz	256QAM	492.24	mHz



Temperature = -20°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	1.06	Hz
BOTTOM	LTE 5 MHz	16QAM	-1.106	Hz
BOTTOM	LTE 5 MHz	64QAM	1.34	Hz
BOTTOM	LTE 5 MHz	256QAM	272	mHz
MIDDLE	LTE 5 MHz	QPSK	1.24	Hz
MIDDLE	LTE 5 MHz	16QAM	1.461	Hz
MIDDLE	LTE 5 MHz	64QAM	798	mHz
MIDDLE	LTE 5 MHz	256QAM	124	mHz
TOP	LTE 5 MHz	QPSK	-581	mHz
TOP	LTE 5 MHz	16QAM	1.107	Hz
TOP	LTE 5 MHz	64QAM	-265	mHz
TOP	LTE 5 MHz	256QAM	1.114	Hz
BOTTOM	LTE 10 MHz	QPSK	1.017	Hz
BOTTOM	LTE 10 MHz	16QAM	1.343	Hz
BOTTOM	LTE 10 MHz	64QAM	957	mHz
BOTTOM	LTE 10 MHz	256QAM	34	mHz
MIDDLE	LTE 10 MHz	QPSK	-1.091	Hz
MIDDLE	LTE 10 MHz	16QAM	1.086	Hz
MIDDLE	LTE 10 MHz	64QAM	-50	mHz
MIDDLE	LTE 10 MHz	256QAM	-233	mHz
TOP	LTE 10 MHz	QPSK	-631	mHz
TOP	LTE 10 MHz	16QAM	-816	mHz
TOP	LTE 10 MHz	64QAM	344	mHz
TOP	LTE 10 MHz	256QAM	-1.476	Hz
BOTTOM	LTE 15 MHz	QPSK	-1.197	Hz
BOTTOM	LTE 15 MHz	16QAM	429	mHz
BOTTOM	LTE 15 MHz	64QAM	-846	mHz
BOTTOM	LTE 15 MHz	256QAM	329	mHz
MIDDLE	LTE 15 MHz	QPSK	1.059	Hz
MIDDLE	LTE 15 MHz	16QAM	-66	mHz
MIDDLE	LTE 15 MHz	64QAM	819	mHz
MIDDLE	LTE 15 MHz	256QAM	95	mHz
TOP	LTE 15 MHz	QPSK	-1.015	Hz
TOP	LTE 15 MHz	16QAM	-57	mHz
TOP	LTE 15 MHz	64QAM	1.234	Hz
TOP	LTE 15 MHz	256QAM	-316	mHz
MIDDLE	LTE 20 MHz	QPSK	-856	mHz
MIDDLE	LTE 20 MHz	16QAM	-249	mHz
MIDDLE	LTE 20 MHz	64QAM	-1.368	Hz
MIDDLE	LTE 20 MHz	256QAM	77	mHz



Temperature = -10°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-711	mHz
BOTTOM	LTE 5 MHz	16QAM	-556	mHz
BOTTOM	LTE 5 MHz	64QAM	975	mHz
BOTTOM	LTE 5 MHz	256QAM	1.288	Hz
MIDDLE	LTE 5 MHz	QPSK	1.246	Hz
MIDDLE	LTE 5 MHz	16QAM	600	mHz
MIDDLE	LTE 5 MHz	64QAM	-1.204	Hz
MIDDLE	LTE 5 MHz	256QAM	-30	mHz
TOP	LTE 5 MHz	QPSK	1.494	Hz
TOP	LTE 5 MHz	16QAM	126	mHz
TOP	LTE 5 MHz	64QAM	1.025	Hz
TOP	LTE 5 MHz	256QAM	840	mHz
BOTTOM	LTE 10 MHz	QPSK	1.355	Hz
BOTTOM	LTE 10 MHz	16QAM	155	mHz
BOTTOM	LTE 10 MHz	64QAM	-828	mHz
BOTTOM	LTE 10 MHz	256QAM	1.168	Hz
MIDDLE	LTE 10 MHz	QPSK	-1.318	Hz
MIDDLE	LTE 10 MHz	16QAM	-193	mHz
MIDDLE	LTE 10 MHz	64QAM	99	mHz
MIDDLE	LTE 10 MHz	256QAM	-283	mHz
TOP	LTE 10 MHz	QPSK	-1.056	Hz
TOP	LTE 10 MHz	16QAM	1.492	Hz
TOP	LTE 10 MHz	64QAM	391	mHz
TOP	LTE 10 MHz	256QAM	1.412	Hz
BOTTOM	LTE 15 MHz	QPSK	411	mHz
BOTTOM	LTE 15 MHz	16QAM	-378	mHz
BOTTOM	LTE 15 MHz	64QAM	-1.406	Hz
BOTTOM	LTE 15 MHz	256QAM	-536	mHz
MIDDLE	LTE 15 MHz	QPSK	-973	mHz
MIDDLE	LTE 15 MHz	16QAM	1.03	Hz
MIDDLE	LTE 15 MHz	64QAM	-1.043	Hz
MIDDLE	LTE 15 MHz	256QAM	791	mHz
TOP	LTE 15 MHz	QPSK	-678	mHz
TOP	LTE 15 MHz	16QAM	400	mHz
TOP	LTE 15 MHz	64QAM	124	mHz
TOP	LTE 15 MHz	256QAM	-876	mHz
MIDDLE	LTE 20 MHz	QPSK	60	mHz
MIDDLE	LTE 20 MHz	16QAM	1.477	Hz
MIDDLE	LTE 20 MHz	64QAM	616	mHz
MIDDLE	LTE 20 MHz	256QAM	-950	mHz



Temperature = 0°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	374	mHz
BOTTOM	LTE 5 MHz	16QAM	1.392	Hz
BOTTOM	LTE 5 MHz	64QAM	-1.319	Hz
BOTTOM	LTE 5 MHz	256QAM	-1.173	Hz
MIDDLE	LTE 5 MHz	QPSK	-224.28	mHz
MIDDLE	LTE 5 MHz	16QAM	-520.27	mHz
MIDDLE	LTE 5 MHz	64QAM	-247.14	mHz
MIDDLE	LTE 5 MHz	256QAM	1.0221	Hz
TOP	LTE 5 MHz	QPSK	-379	mHz
TOP	LTE 5 MHz	16QAM	293	mHz
TOP	LTE 5 MHz	64QAM	590	mHz
TOP	LTE 5 MHz	256QAM	-770	mHz
BOTTOM	LTE 10 MHz	QPSK	929	mHz
BOTTOM	LTE 10 MHz	16QAM	-1.109	Hz
BOTTOM	LTE 10 MHz	64QAM	-1.327	Hz
BOTTOM	LTE 10 MHz	256QAM	-111	mHz
MIDDLE	LTE 10 MHz	QPSK	-158.76	mHz
MIDDLE	LTE 10 MHz	16QAM	-387.97	mHz
MIDDLE	LTE 10 MHz	64QAM	1.0768	Hz
MIDDLE	LTE 10 MHz	256QAM	-667.1	mHz
TOP	LTE 10 MHz	QPSK	845	mHz
TOP	LTE 10 MHz	16QAM	1.027	Hz
TOP	LTE 10 MHz	64QAM	-583	mHz
TOP	LTE 10 MHz	256QAM	1.294	Hz
BOTTOM	LTE 15 MHz	QPSK	1.308	Hz
BOTTOM	LTE 15 MHz	16QAM	-850	mHz
BOTTOM	LTE 15 MHz	64QAM	-321	mHz
BOTTOM	LTE 15 MHz	256QAM	-1.286	Hz
MIDDLE	LTE 15 MHz	QPSK	-637.56	mHz
MIDDLE	LTE 15 MHz	16QAM	-694.18	mHz
MIDDLE	LTE 15 MHz	64QAM	-883.61	mHz
MIDDLE	LTE 15 MHz	256QAM	406.24	mHz
TOP	LTE 15 MHz	QPSK	311	mHz
TOP	LTE 15 MHz	16QAM	-348	mHz
TOP	LTE 15 MHz	64QAM	-723	mHz
TOP	LTE 15 MHz	256QAM	1.188	Hz
MIDDLE	LTE 20 MHz	QPSK	767.32	mHz
MIDDLE	LTE 20 MHz	16QAM	-46.462	mHz
MIDDLE	LTE 20 MHz	64QAM	975.78	mHz
MIDDLE	LTE 20 MHz	256QAM	-419.57	mHz



Temperature = 10°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-1.155	Hz
BOTTOM	LTE 5 MHz	16QAM	-1.069	Hz
BOTTOM	LTE 5 MHz	64QAM	-1.298	Hz
BOTTOM	LTE 5 MHz	256QAM	1.335	Hz
MIDDLE	LTE 5 MHz	QPSK	709	mHz
MIDDLE	LTE 5 MHz	16QAM	-1.22	Hz
MIDDLE	LTE 5 MHz	64QAM	-71	mHz
MIDDLE	LTE 5 MHz	256QAM	295	mHz
TOP	LTE 5 MHz	QPSK	1.454	Hz
TOP	LTE 5 MHz	16QAM	-1.33	Hz
TOP	LTE 5 MHz	64QAM	163	mHz
TOP	LTE 5 MHz	256QAM	-152	mHz
BOTTOM	LTE 10 MHz	QPSK	680	mHz
BOTTOM	LTE 10 MHz	16QAM	-601	mHz
BOTTOM	LTE 10 MHz	64QAM	-346	mHz
BOTTOM	LTE 10 MHz	256QAM	1.234	Hz
MIDDLE	LTE 10 MHz	QPSK	-629	mHz
MIDDLE	LTE 10 MHz	16QAM	-1.229	Hz
MIDDLE	LTE 10 MHz	64QAM	-63	mHz
MIDDLE	LTE 10 MHz	256QAM	336	mHz
TOP	LTE 10 MHz	QPSK	-253	mHz
TOP	LTE 10 MHz	16QAM	345	mHz
TOP	LTE 10 MHz	64QAM	1.003	Hz
TOP	LTE 10 MHz	256QAM	-590	mHz
BOTTOM	LTE 15 MHz	QPSK	483	mHz
BOTTOM	LTE 15 MHz	16QAM	654	mHz
BOTTOM	LTE 15 MHz	64QAM	-250	mHz
BOTTOM	LTE 15 MHz	256QAM	587	mHz
MIDDLE	LTE 15 MHz	QPSK	1.348	Hz
MIDDLE	LTE 15 MHz	16QAM	1.386	Hz
MIDDLE	LTE 15 MHz	64QAM	1.327	Hz
MIDDLE	LTE 15 MHz	256QAM	303	mHz
TOP	LTE 15 MHz	QPSK	-1.464	Hz
TOP	LTE 15 MHz	16QAM	1.22	Hz
TOP	LTE 15 MHz	64QAM	701	mHz
TOP	LTE 15 MHz	256QAM	958	mHz
MIDDLE	LTE 20 MHz	QPSK	31	mHz
MIDDLE	LTE 20 MHz	16QAM	11	mHz
MIDDLE	LTE 20 MHz	64QAM	28	mHz
MIDDLE	LTE 20 MHz	256QAM	-658	mHz



Temperature = 20°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-796.8	mHz
BOTTOM	LTE 5 MHz	16QAM	-3.7269	Hz
BOTTOM	LTE 5 MHz	64QAM	-676.39	mHz
BOTTOM	LTE 5 MHz	256QAM	848.76	mHz
MIDDLE	LTE 5 MHz	QPSK	-128.87	mHz
MIDDLE	LTE 5 MHz	16QAM	-142.16	mHz
MIDDLE	LTE 5 MHz	64QAM	-854.67	mHz
MIDDLE	LTE 5 MHz	256QAM	690.37	mHz
TOP	LTE 5 MHz	QPSK	908.46	mHz
TOP	LTE 5 MHz	16QAM	269.25	mHz
TOP	LTE 5 MHz	64QAM	761.36	mHz
TOP	LTE 5 MHz	256QAM	-876.49	mHz
BOTTOM	LTE 10 MHz	QPSK	-837.77	mHz
BOTTOM	LTE 10 MHz	16QAM	-300.51	mHz
BOTTOM	LTE 10 MHz	64QAM	-57.442	mHz
BOTTOM	LTE 10 MHz	256QAM	-226.76	mHz
MIDDLE	LTE 10 MHz	QPSK	-88.71	mHz
MIDDLE	LTE 10 MHz	16QAM	-638.15	mHz
MIDDLE	LTE 10 MHz	64QAM	516.33	mHz
MIDDLE	LTE 10 MHz	256QAM	524.9	mHz
TOP	LTE 10 MHz	QPSK	-118.65	mHz
TOP	LTE 10 MHz	16QAM	-677.99	mHz
TOP	LTE 10 MHz	64QAM	68.003	mHz
TOP	LTE 10 MHz	256QAM	662.2	mHz
BOTTOM	LTE 15 MHz	QPSK	230.92	mHz
BOTTOM	LTE 15 MHz	16QAM	545.15	mHz
BOTTOM	LTE 15 MHz	64QAM	-929.55	mHz
BOTTOM	LTE 15 MHz	256QAM	757	mHz
MIDDLE	LTE 15 MHz	QPSK	-398.71	mHz
MIDDLE	LTE 15 MHz	16QAM	853.14	mHz
MIDDLE	LTE 15 MHz	64QAM	16.8	mHz
MIDDLE	LTE 15 MHz	256QAM	-18.305	mHz
TOP	LTE 15 MHz	QPSK	-97.996	mHz
TOP	LTE 15 MHz	16QAM	-173.81	mHz
TOP	LTE 15 MHz	64QAM	-910.43	mHz
TOP	LTE 15 MHz	256QAM	1.105	Hz
MIDDLE	LTE 20 MHz	QPSK	-1.0046	Hz
MIDDLE	LTE 20 MHz	16QAM	-556.86	mHz
MIDDLE	LTE 20 MHz	64QAM	-114.74	mHz
MIDDLE	LTE 20 MHz	256QAM	-313.53	mHz



Temperature = 30°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-653	mHz
BOTTOM	LTE 5 MHz	16QAM	1.002	Hz
BOTTOM	LTE 5 MHz	64QAM	317	mHz
BOTTOM	LTE 5 MHz	256QAM	106	mHz
MIDDLE	LTE 5 MHz	QPSK	-1.165	Hz
MIDDLE	LTE 5 MHz	16QAM	221	mHz
MIDDLE	LTE 5 MHz	64QAM	1.146	Hz
MIDDLE	LTE 5 MHz	256QAM	-1.075	Hz
TOP	LTE 5 MHz	QPSK	-332	mHz
TOP	LTE 5 MHz	16QAM	361	mHz
TOP	LTE 5 MHz	64QAM	1.05	Hz
TOP	LTE 5 MHz	256QAM	-1.428	Hz
BOTTOM	LTE 10 MHz	QPSK	758	mHz
BOTTOM	LTE 10 MHz	16QAM	904	mHz
BOTTOM	LTE 10 MHz	64QAM	519	mHz
BOTTOM	LTE 10 MHz	256QAM	220	mHz
MIDDLE	LTE 10 MHz	QPSK	-85	mHz
MIDDLE	LTE 10 MHz	16QAM	123	mHz
MIDDLE	LTE 10 MHz	64QAM	-832	mHz
MIDDLE	LTE 10 MHz	256QAM	479	mHz
TOP	LTE 10 MHz	QPSK	-1.272	Hz
TOP	LTE 10 MHz	16QAM	-1.427	Hz
TOP	LTE 10 MHz	64QAM	870	mHz
TOP	LTE 10 MHz	256QAM	1.312	Hz
BOTTOM	LTE 15 MHz	QPSK	-1.256	Hz
BOTTOM	LTE 15 MHz	16QAM	-948	mHz
BOTTOM	LTE 15 MHz	64QAM	369	mHz
BOTTOM	LTE 15 MHz	256QAM	465	mHz
MIDDLE	LTE 15 MHz	QPSK	-997	mHz
MIDDLE	LTE 15 MHz	16QAM	-579	mHz
MIDDLE	LTE 15 MHz	64QAM	27	mHz
MIDDLE	LTE 15 MHz	256QAM	-32	mHz
TOP	LTE 15 MHz	QPSK	-1.354	Hz
TOP	LTE 15 MHz	16QAM	-174	mHz
TOP	LTE 15 MHz	64QAM	1.113	Hz
TOP	LTE 15 MHz	256QAM	1.149	Hz
MIDDLE	LTE 20 MHz	QPSK	218	mHz
MIDDLE	LTE 20 MHz	16QAM	-150	mHz
MIDDLE	LTE 20 MHz	64QAM	-1.185	Hz
MIDDLE	LTE 20 MHz	256QAM	701	mHz



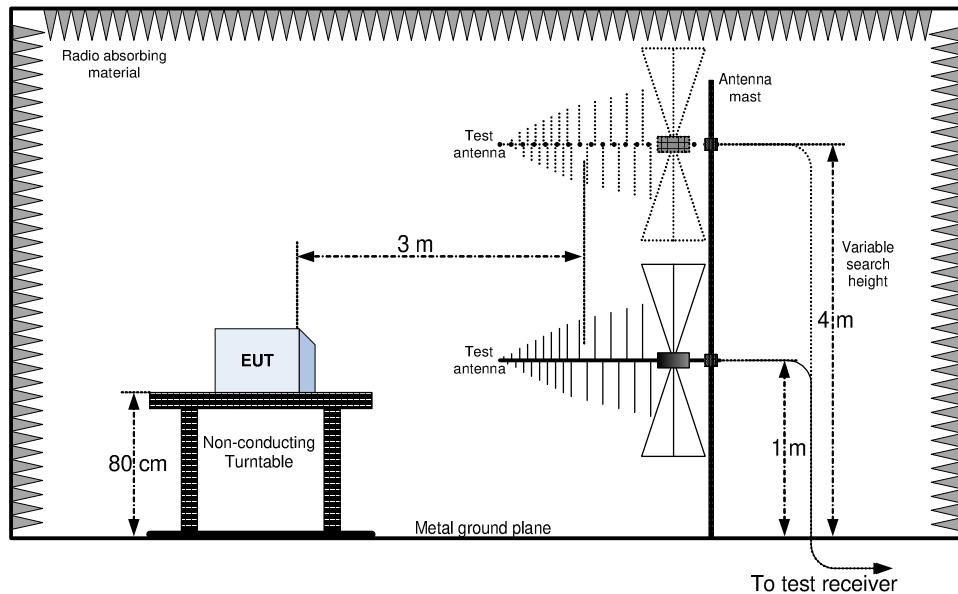
Temperature = 40°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	927	mHz
BOTTOM	LTE 5 MHz	16QAM	351	mHz
BOTTOM	LTE 5 MHz	64QAM	558	mHz
BOTTOM	LTE 5 MHz	256QAM	948	mHz
MIDDLE	LTE 5 MHz	QPSK	-132	mHz
MIDDLE	LTE 5 MHz	16QAM	37	mHz
MIDDLE	LTE 5 MHz	64QAM	551	mHz
MIDDLE	LTE 5 MHz	256QAM	-1.378	Hz
TOP	LTE 5 MHz	QPSK	-154	mHz
TOP	LTE 5 MHz	16QAM	565	mHz
TOP	LTE 5 MHz	64QAM	1.459	Hz
TOP	LTE 5 MHz	256QAM	159	mHz
BOTTOM	LTE 10 MHz	QPSK	1.414	Hz
BOTTOM	LTE 10 MHz	16QAM	-862	mHz
BOTTOM	LTE 10 MHz	64QAM	-1.374	Hz
BOTTOM	LTE 10 MHz	256QAM	133	mHz
MIDDLE	LTE 10 MHz	QPSK	-191	mHz
MIDDLE	LTE 10 MHz	16QAM	1.088	Hz
MIDDLE	LTE 10 MHz	64QAM	-64	mHz
MIDDLE	LTE 10 MHz	256QAM	1.412	Hz
TOP	LTE 10 MHz	QPSK	-301	mHz
TOP	LTE 10 MHz	16QAM	-1.282	Hz
TOP	LTE 10 MHz	64QAM	-631	mHz
TOP	LTE 10 MHz	256QAM	153	mHz
BOTTOM	LTE 15 MHz	QPSK	960	mHz
BOTTOM	LTE 15 MHz	16QAM	-422	mHz
BOTTOM	LTE 15 MHz	64QAM	-97	mHz
BOTTOM	LTE 15 MHz	256QAM	266	mHz
MIDDLE	LTE 15 MHz	QPSK	-582	mHz
MIDDLE	LTE 15 MHz	16QAM	-1.31	Hz
MIDDLE	LTE 15 MHz	64QAM	861	mHz
MIDDLE	LTE 15 MHz	256QAM	-940	mHz
TOP	LTE 15 MHz	QPSK	-365	mHz
TOP	LTE 15 MHz	16QAM	-940	mHz
TOP	LTE 15 MHz	64QAM	1.477	Hz
TOP	LTE 15 MHz	256QAM	-215	mHz
MIDDLE	LTE 20 MHz	QPSK	-1.052	Hz
MIDDLE	LTE 20 MHz	16QAM	1.311	Hz
MIDDLE	LTE 20 MHz	64QAM	163	mHz
MIDDLE	LTE 20 MHz	256QAM	399	mHz



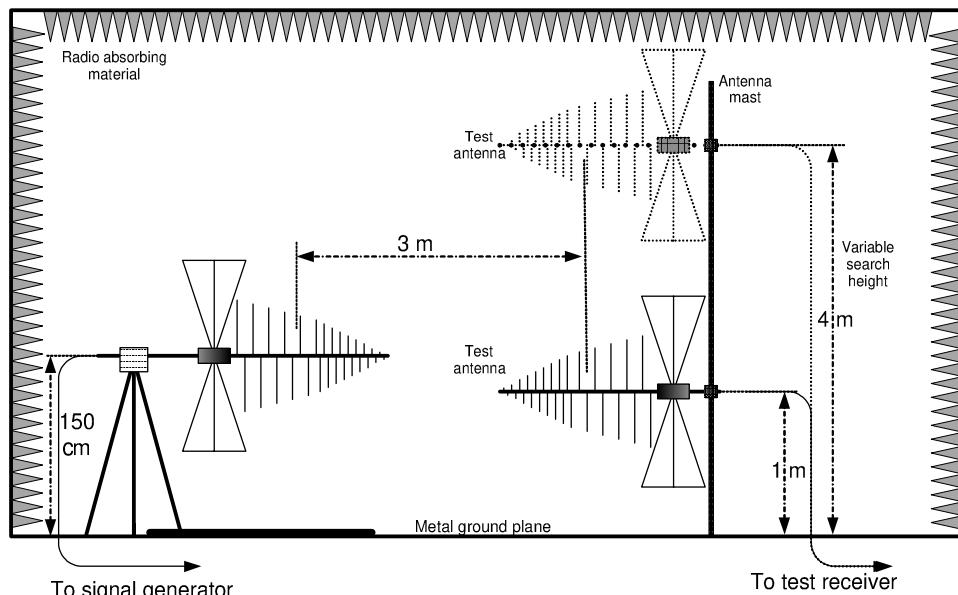
Temperature = 50°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	1.037	Hz
BOTTOM	LTE 5 MHz	16QAM	-1.359	Hz
BOTTOM	LTE 5 MHz	64QAM	-1.153	Hz
BOTTOM	LTE 5 MHz	256QAM	631	mHz
MIDDLE	LTE 5 MHz	QPSK	439	mHz
MIDDLE	LTE 5 MHz	16QAM	168	mHz
MIDDLE	LTE 5 MHz	64QAM	-931	mHz
MIDDLE	LTE 5 MHz	256QAM	654	mHz
TOP	LTE 5 MHz	QPSK	-66	mHz
TOP	LTE 5 MHz	16QAM	203	mHz
TOP	LTE 5 MHz	64QAM	1.448	Hz
TOP	LTE 5 MHz	256QAM	1.055	Hz
BOTTOM	LTE 10 MHz	QPSK	1.015	Hz
BOTTOM	LTE 10 MHz	16QAM	537	mHz
BOTTOM	LTE 10 MHz	64QAM	-531	mHz
BOTTOM	LTE 10 MHz	256QAM	363	mHz
MIDDLE	LTE 10 MHz	QPSK	-84	mHz
MIDDLE	LTE 10 MHz	16QAM	796	mHz
MIDDLE	LTE 10 MHz	64QAM	-781	mHz
MIDDLE	LTE 10 MHz	256QAM	-420	mHz
TOP	LTE 10 MHz	QPSK	-1.025	Hz
TOP	LTE 10 MHz	16QAM	573	mHz
TOP	LTE 10 MHz	64QAM	783	mHz
TOP	LTE 10 MHz	256QAM	1.431	Hz
BOTTOM	LTE 15 MHz	QPSK	-669	mHz
BOTTOM	LTE 15 MHz	16QAM	1.103	Hz
BOTTOM	LTE 15 MHz	64QAM	133	mHz
BOTTOM	LTE 15 MHz	256QAM	644	mHz
MIDDLE	LTE 15 MHz	QPSK	351	mHz
MIDDLE	LTE 15 MHz	16QAM	-366	mHz
MIDDLE	LTE 15 MHz	64QAM	-661	mHz
MIDDLE	LTE 15 MHz	256QAM	725	mHz
TOP	LTE 15 MHz	QPSK	1.405	Hz
TOP	LTE 15 MHz	16QAM	-503	mHz
TOP	LTE 15 MHz	64QAM	1.073	Hz
TOP	LTE 15 MHz	256QAM	956	mHz
MIDDLE	LTE 20 MHz	QPSK	547	mHz
MIDDLE	LTE 20 MHz	16QAM	1.246	Hz
MIDDLE	LTE 20 MHz	64QAM	-1.063	Hz
MIDDLE	LTE 20 MHz	256QAM	-464	mHz

## Appendix B: Block diagrams of test set-ups

### Radiated emissions set-up



### Substitution method set-up



## Appendix C: EUT Photos

### Photo Set up



## Photo EUT

