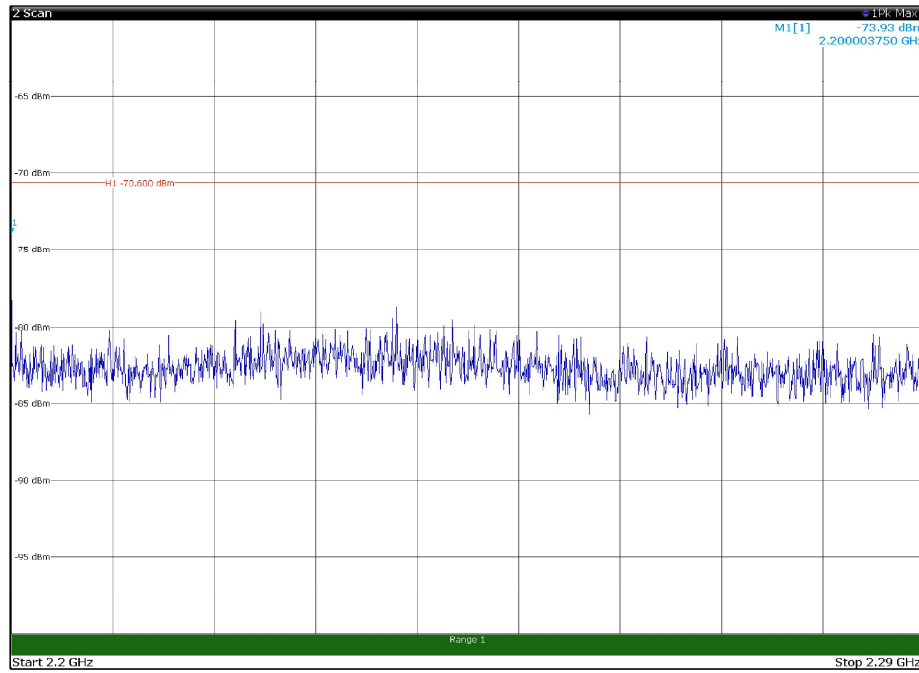
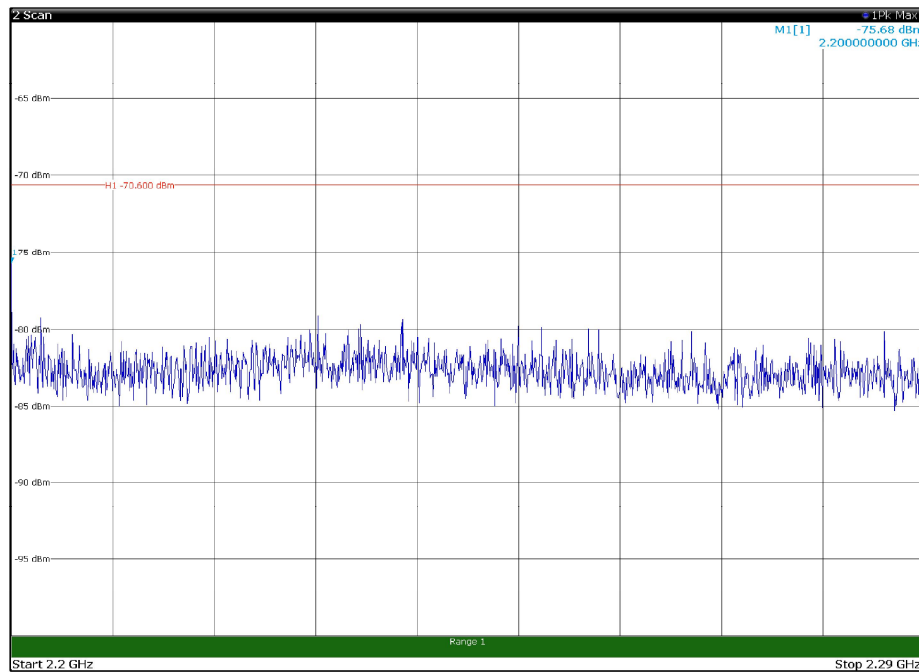
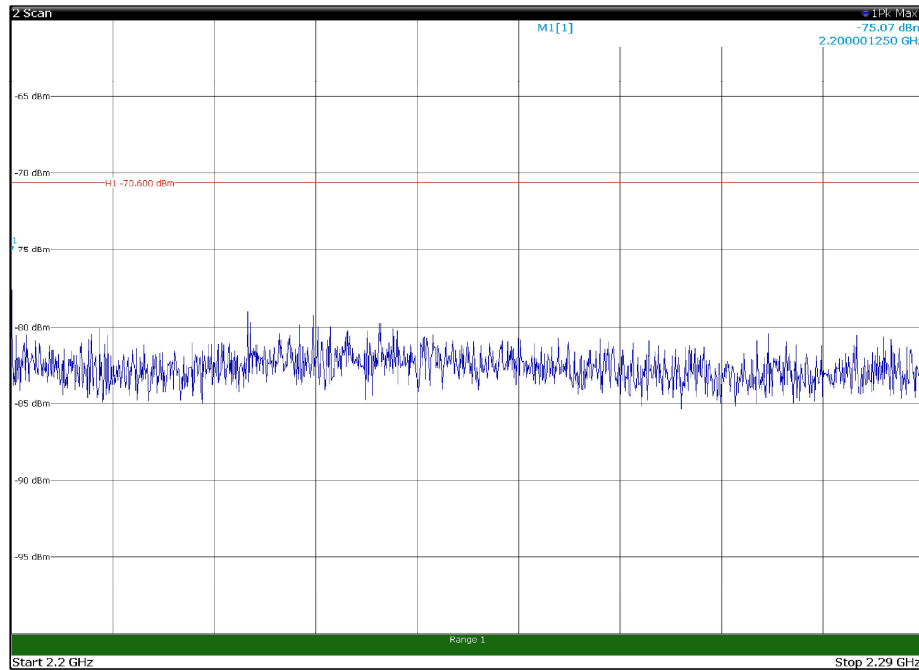




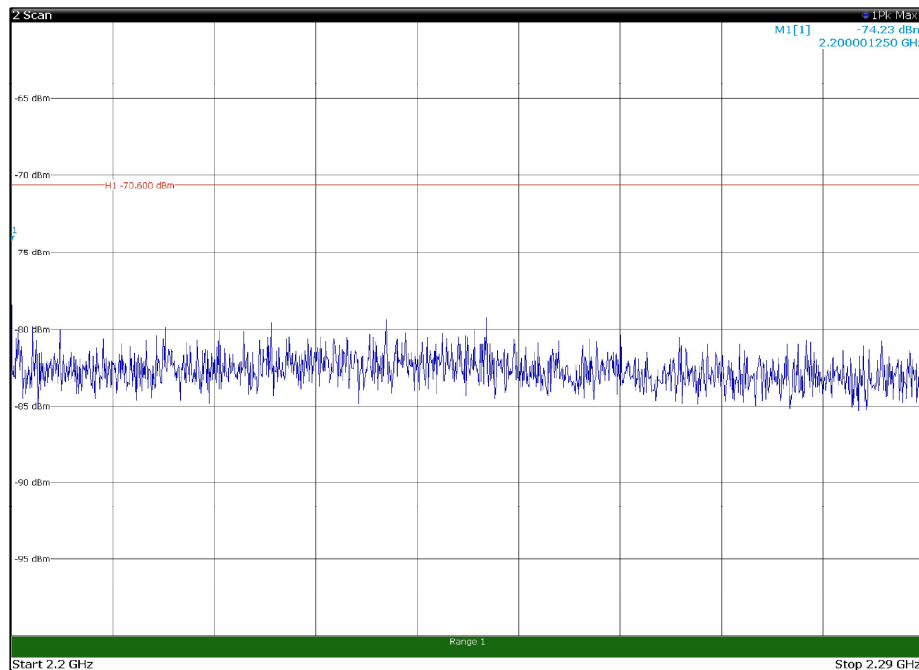
Channel: TOP, Modulation: 16QAM,
BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



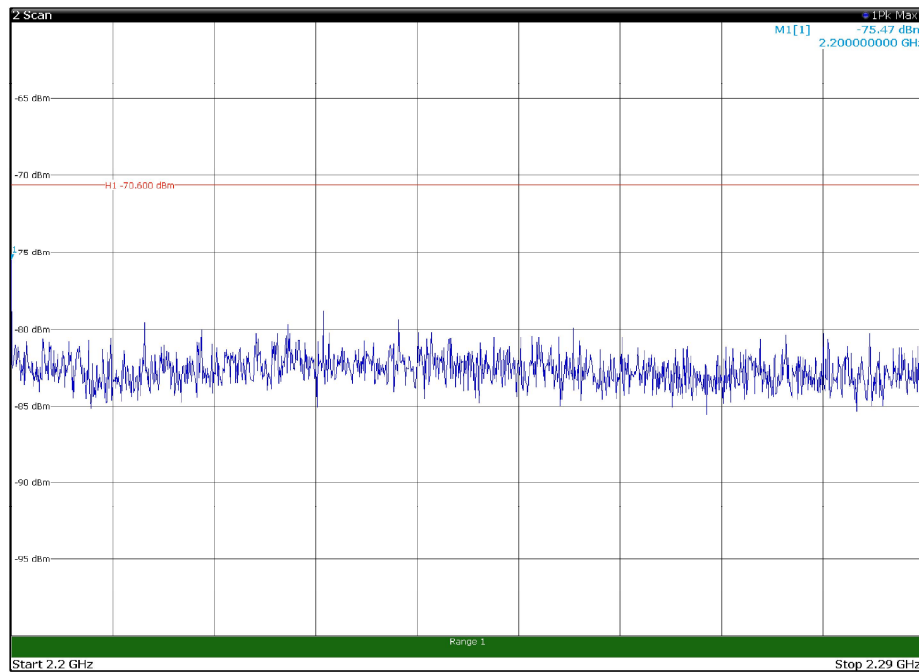
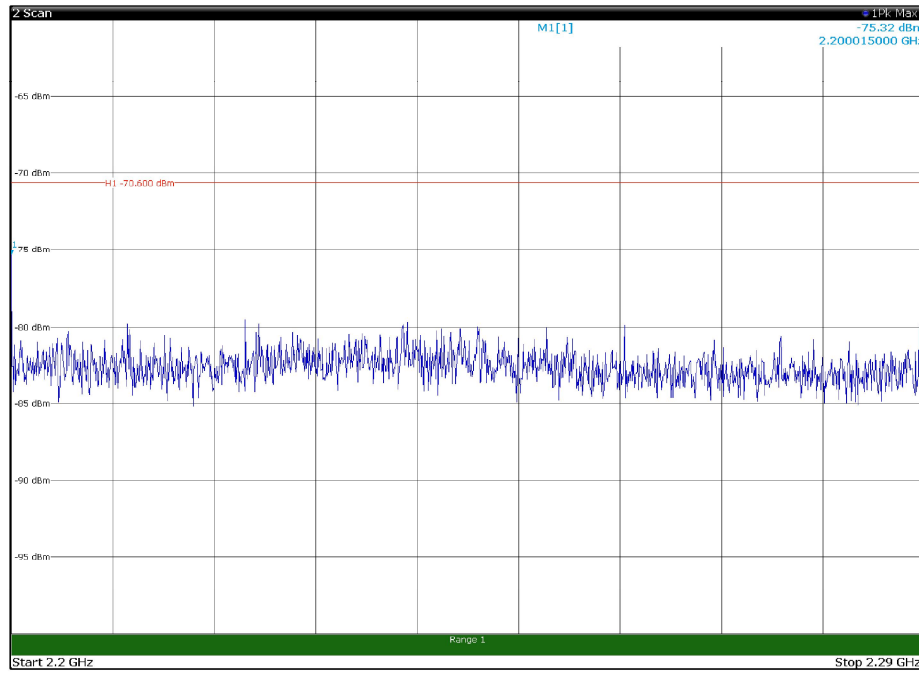
Channel: TOP, Modulation: 16QAM,
BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Vertical

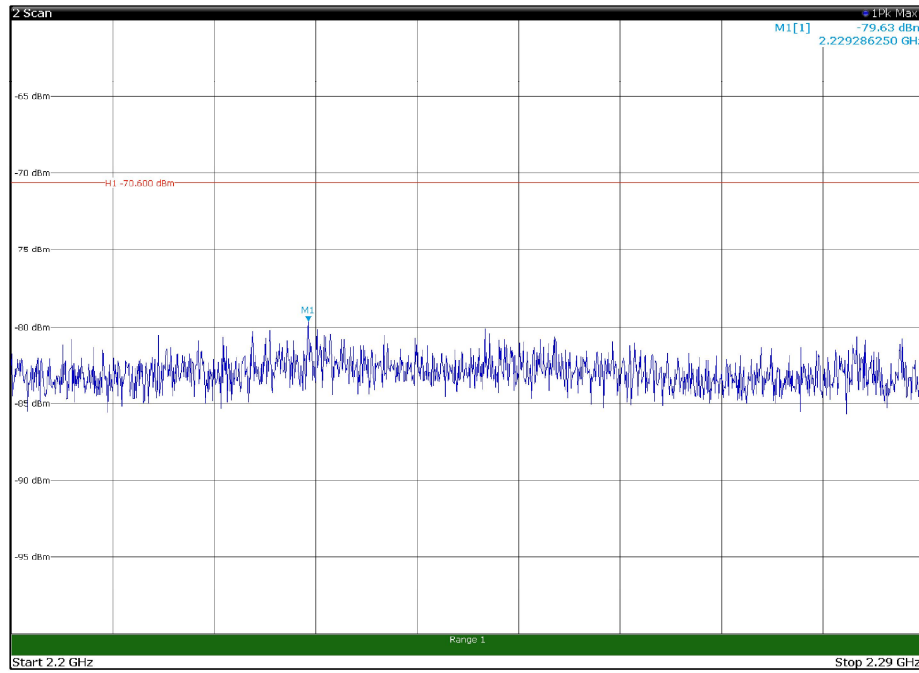


Channel: TOP, Modulation: 64QAM,
BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal

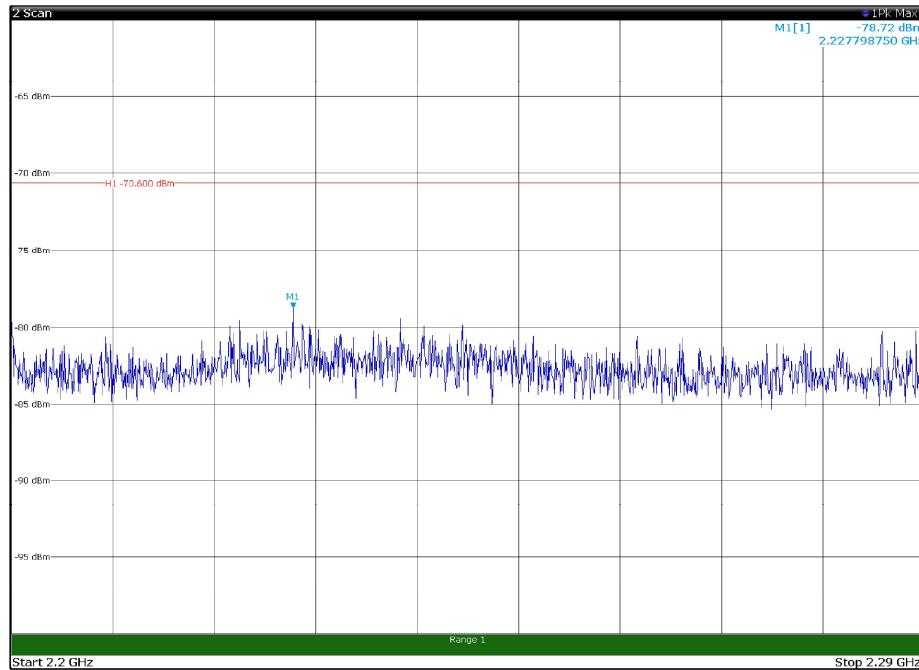


Channel: TOP, Modulation: 64QAM,
BW=15MHz, Range: 2200MHz-2290GHz, Polarization: Vertical

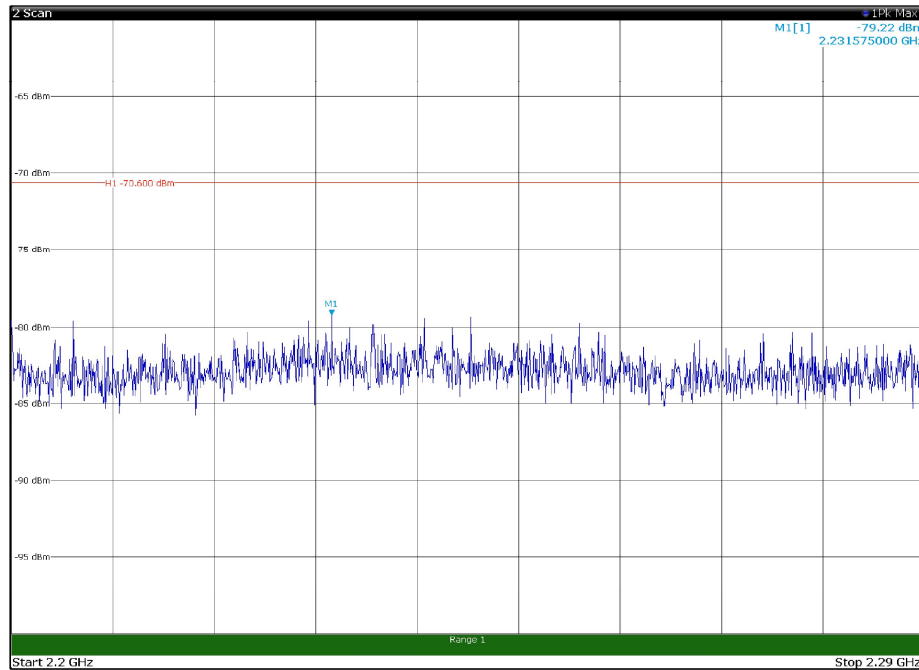




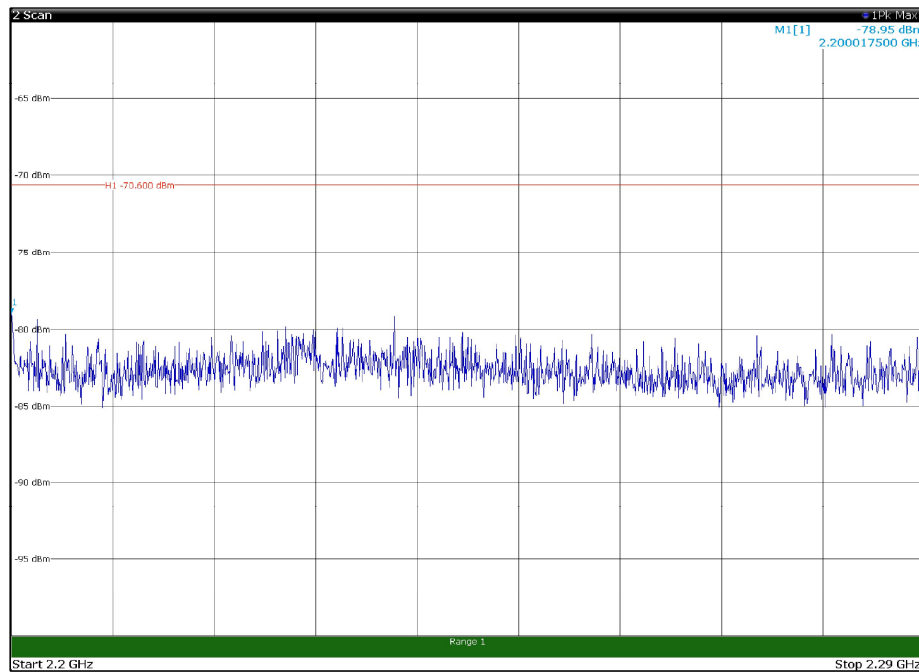
Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



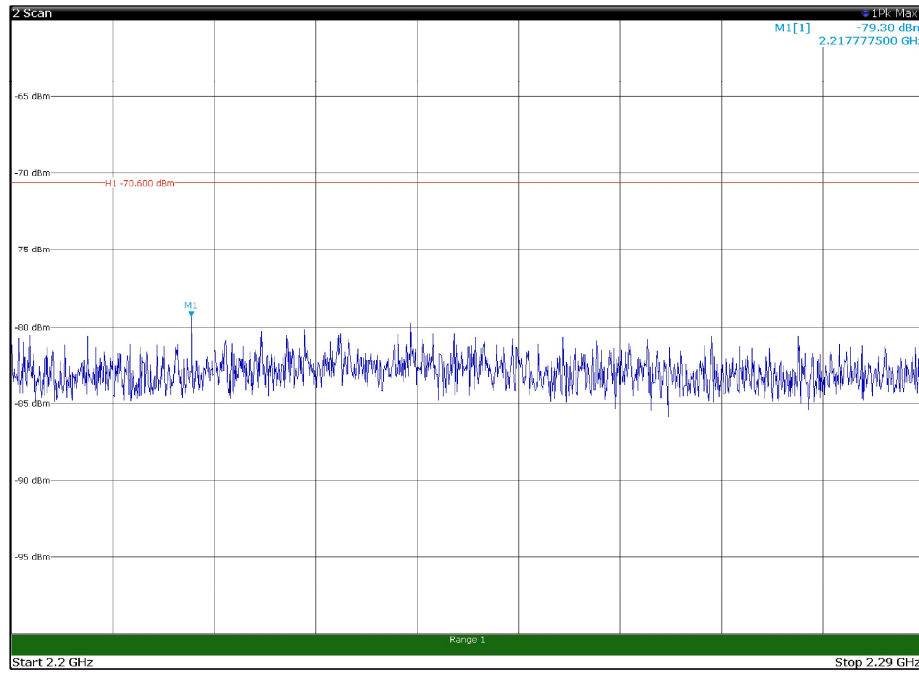
Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



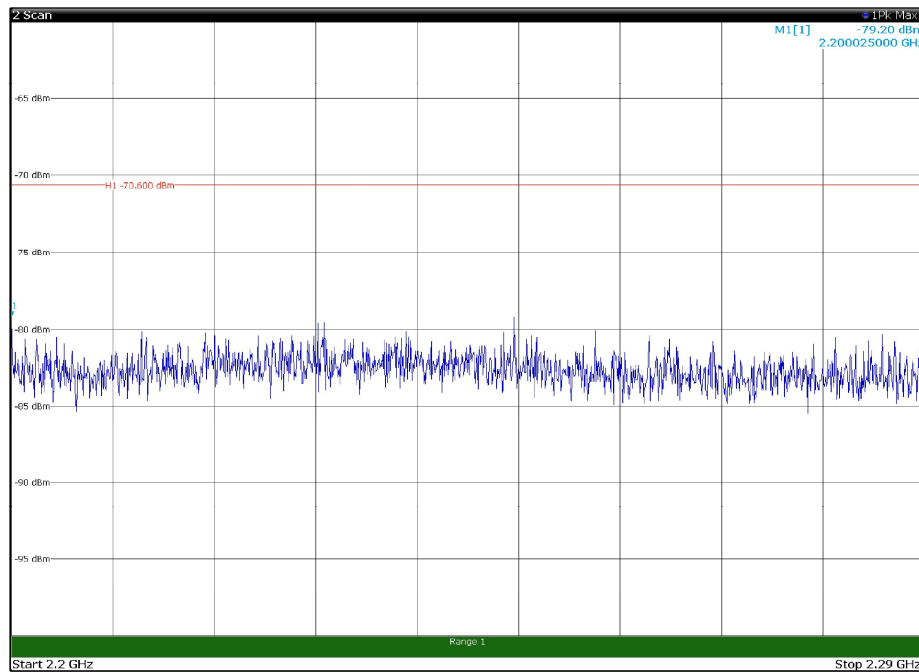
Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



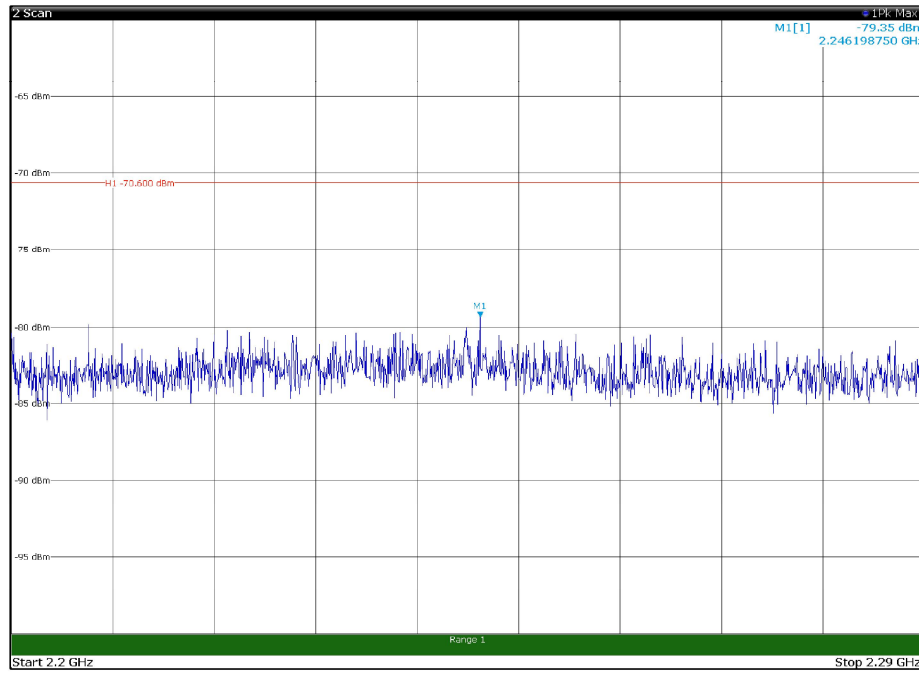
Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Vertical



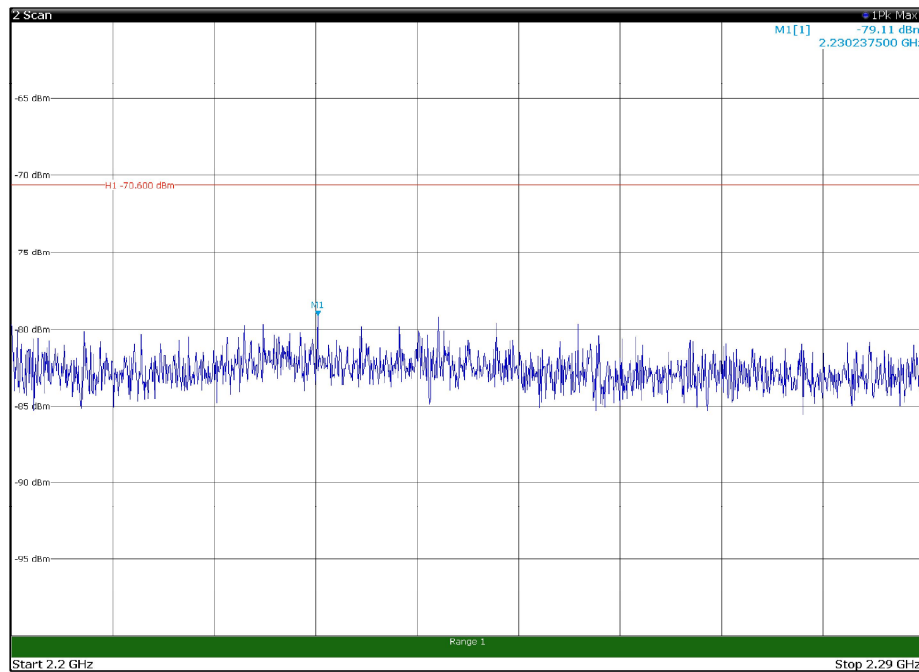
Channel: MIDDLE, Modulation: 64QAM,
BW=20MHz, Range: 2200MHz-2290GHz, Polarization: Horizontal



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

Test 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	58	mHz
BOTTOM	LTE 5 MHz	16QAM	-244	mHz
BOTTOM	LTE 5 MHz	64QAM	-732	mHz
BOTTOM	LTE 5 MHz	256QAM	860	mHz
MIDDLE	LTE 5 MHz	QPSK	108.34	mHz
MIDDLE	LTE 5 MHz	16QAM	553.23	mHz
MIDDLE	LTE 5 MHz	64QAM	-1.0268	Hz
MIDDLE	LTE 5 MHz	256QAM	1.0427	Hz
TOP	LTE 5 MHz	QPSK	-862	mHz
TOP	LTE 5 MHz	16QAM	598	mHz
TOP	LTE 5 MHz	64QAM	-1.493	Hz
TOP	LTE 5 MHz	256QAM	-88	mHz
BOTTOM	LTE 10 MHz	QPSK	197	mHz
BOTTOM	LTE 10 MHz	16QAM	-172	mHz
BOTTOM	LTE 10 MHz	64QAM	-651	mHz
BOTTOM	LTE 10 MHz	256QAM	1.17	Hz
MIDDLE	LTE 10 MHz	QPSK	1.1955	Hz
MIDDLE	LTE 10 MHz	16QAM	629.11	mHz
MIDDLE	LTE 10 MHz	64QAM	1.1823	Hz
MIDDLE	LTE 10 MHz	256QAM	644.74	mHz
TOP	LTE 10 MHz	QPSK	1.374	Hz
TOP	LTE 10 MHz	16QAM	752	mHz
TOP	LTE 10 MHz	64QAM	465	mHz
TOP	LTE 10 MHz	256QAM	-439	mHz
BOTTOM	LTE 15 MHz	QPSK	-1.407	Hz
BOTTOM	LTE 15 MHz	16QAM	674	mHz
BOTTOM	LTE 15 MHz	64QAM	225	mHz
BOTTOM	LTE 15 MHz	256QAM	-792	mHz
MIDDLE	LTE 15 MHz	QPSK	745.5	mHz
MIDDLE	LTE 15 MHz	16QAM	703.4	mHz
MIDDLE	LTE 15 MHz	64QAM	766.42	mHz
MIDDLE	LTE 15 MHz	256QAM	640.79	mHz
TOP	LTE 15 MHz	QPSK	-85	mHz
TOP	LTE 15 MHz	16QAM	-594	mHz
TOP	LTE 15 MHz	64QAM	477	mHz
TOP	LTE 15 MHz	256QAM	1.141	Hz
MIDDLE	LTE 20 MHz	QPSK	972.1	mHz
MIDDLE	LTE 20 MHz	16QAM	887.87	mHz
MIDDLE	LTE 20 MHz	64QAM	-807.25	mHz
MIDDLE	LTE 20 MHz	256QAM	-330.81	mHz

Temperature = -20°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	248	mHz
BOTTOM	LTE 5 MHz	16QAM	853	mHz
BOTTOM	LTE 5 MHz	64QAM	-515	mHz
BOTTOM	LTE 5 MHz	256QAM	85	mHz
MIDDLE	LTE 5 MHz	QPSK	-774	mHz
MIDDLE	LTE 5 MHz	16QAM	584	mHz
MIDDLE	LTE 5 MHz	64QAM	1.402	Hz
MIDDLE	LTE 5 MHz	256QAM	419	mHz
TOP	LTE 5 MHz	QPSK	1.213	Hz
TOP	LTE 5 MHz	16QAM	58	mHz
TOP	LTE 5 MHz	64QAM	-901	mHz
TOP	LTE 5 MHz	256QAM	225	mHz
BOTTOM	LTE 10 MHz	QPSK	368	mHz
BOTTOM	LTE 10 MHz	16QAM	-1.331	Hz
BOTTOM	LTE 10 MHz	64QAM	507	mHz
BOTTOM	LTE 10 MHz	256QAM	402	mHz
MIDDLE	LTE 10 MHz	QPSK	-563	mHz
MIDDLE	LTE 10 MHz	16QAM	-90	mHz
MIDDLE	LTE 10 MHz	64QAM	-213	mHz
MIDDLE	LTE 10 MHz	256QAM	-1.275	Hz
TOP	LTE 10 MHz	QPSK	-619	mHz
TOP	LTE 10 MHz	16QAM	590	mHz
TOP	LTE 10 MHz	64QAM	-29	mHz
TOP	LTE 10 MHz	256QAM	-733	mHz
BOTTOM	LTE 15 MHz	QPSK	-278	mHz
BOTTOM	LTE 15 MHz	16QAM	978	mHz
BOTTOM	LTE 15 MHz	64QAM	1.356	Hz
BOTTOM	LTE 15 MHz	256QAM	-118	mHz
MIDDLE	LTE 15 MHz	QPSK	-1.398	Hz
MIDDLE	LTE 15 MHz	16QAM	736	mHz
MIDDLE	LTE 15 MHz	64QAM	217	mHz
MIDDLE	LTE 15 MHz	256QAM	980	mHz
TOP	LTE 15 MHz	QPSK	1.415	Hz
TOP	LTE 15 MHz	16QAM	-244	mHz
TOP	LTE 15 MHz	64QAM	1.199	Hz
TOP	LTE 15 MHz	256QAM	-995	mHz
MIDDLE	LTE 20 MHz	QPSK	333	mHz
MIDDLE	LTE 20 MHz	16QAM	1.435	Hz
MIDDLE	LTE 20 MHz	64QAM	1.411	Hz
MIDDLE	LTE 20 MHz	256QAM	803	mHz

Temperature = -10°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-1.03	Hz
BOTTOM	LTE 5 MHz	16QAM	254	mHz
BOTTOM	LTE 5 MHz	64QAM	-761	mHz
BOTTOM	LTE 5 MHz	256QAM	-853	mHz
MIDDLE	LTE 5 MHz	QPSK	-710	mHz
MIDDLE	LTE 5 MHz	16QAM	1.499	Hz
MIDDLE	LTE 5 MHz	64QAM	-718	mHz
MIDDLE	LTE 5 MHz	256QAM	1.079	Hz
TOP	LTE 5 MHz	QPSK	-1.405	Hz
TOP	LTE 5 MHz	16QAM	-1.406	Hz
TOP	LTE 5 MHz	64QAM	-1.409	Hz
TOP	LTE 5 MHz	256QAM	-1.405	Hz
BOTTOM	LTE 10 MHz	QPSK	1.268	Hz
BOTTOM	LTE 10 MHz	16QAM	183	mHz
BOTTOM	LTE 10 MHz	64QAM	-750	mHz
BOTTOM	LTE 10 MHz	256QAM	-1.218	Hz
MIDDLE	LTE 10 MHz	QPSK	85	mHz
MIDDLE	LTE 10 MHz	16QAM	-363	mHz
MIDDLE	LTE 10 MHz	64QAM	-828	mHz
MIDDLE	LTE 10 MHz	256QAM	963	mHz
TOP	LTE 10 MHz	QPSK	-761	mHz
TOP	LTE 10 MHz	16QAM	-294	mHz
TOP	LTE 10 MHz	64QAM	-550	mHz
TOP	LTE 10 MHz	256QAM	-566	mHz
BOTTOM	LTE 15 MHz	QPSK	-327	mHz
BOTTOM	LTE 15 MHz	16QAM	-1.319	Hz
BOTTOM	LTE 15 MHz	64QAM	161	mHz
BOTTOM	LTE 15 MHz	256QAM	978	mHz
MIDDLE	LTE 15 MHz	QPSK	909	mHz
MIDDLE	LTE 15 MHz	16QAM	-145	mHz
MIDDLE	LTE 15 MHz	64QAM	707	mHz
MIDDLE	LTE 15 MHz	256QAM	-1.302	Hz
TOP	LTE 15 MHz	QPSK	96	mHz
TOP	LTE 15 MHz	16QAM	1.254	Hz
TOP	LTE 15 MHz	64QAM	-112	mHz
TOP	LTE 15 MHz	256QAM	-906	mHz
MIDDLE	LTE 20 MHz	QPSK	-755	mHz
MIDDLE	LTE 20 MHz	16QAM	-339	mHz
MIDDLE	LTE 20 MHz	64QAM	1.362	Hz
MIDDLE	LTE 20 MHz	256QAM	-1.117	Hz

Temperature = 0°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	834	mHz
BOTTOM	LTE 5 MHz	16QAM	504	mHz
BOTTOM	LTE 5 MHz	64QAM	23	mHz
BOTTOM	LTE 5 MHz	256QAM	-797	mHz
MIDDLE	LTE 5 MHz	QPSK	1.755	Hz
MIDDLE	LTE 5 MHz	16QAM	485.880	mHz
MIDDLE	LTE 5 MHz	64QAM	291.120	mHz
MIDDLE	LTE 5 MHz	256QAM	198.300	mHz
TOP	LTE 5 MHz	QPSK	-900	mHz
TOP	LTE 5 MHz	16QAM	246	mHz
TOP	LTE 5 MHz	64QAM	859	mHz
TOP	LTE 5 MHz	256QAM	-429	mHz
BOTTOM	LTE 10 MHz	QPSK	-513	mHz
BOTTOM	LTE 10 MHz	16QAM	579	mHz
BOTTOM	LTE 10 MHz	64QAM	-1.112	Hz
BOTTOM	LTE 10 MHz	256QAM	-824	mHz
MIDDLE	LTE 10 MHz	QPSK	130.190	mHz
MIDDLE	LTE 10 MHz	16QAM	-91.085	mHz
MIDDLE	LTE 10 MHz	64QAM	-345.410	mHz
MIDDLE	LTE 10 MHz	256QAM	623.770	mHz
TOP	LTE 10 MHz	QPSK	925	mHz
TOP	LTE 10 MHz	16QAM	-318	mHz
TOP	LTE 10 MHz	64QAM	-350	mHz
TOP	LTE 10 MHz	256QAM	-405	mHz
BOTTOM	LTE 15 MHz	QPSK	339	mHz
BOTTOM	LTE 15 MHz	16QAM	367	mHz
BOTTOM	LTE 15 MHz	64QAM	-854	mHz
BOTTOM	LTE 15 MHz	256QAM	728	mHz
MIDDLE	LTE 15 MHz	QPSK	460.940	mHz
MIDDLE	LTE 15 MHz	16QAM	-716.070	mHz
MIDDLE	LTE 15 MHz	64QAM	698.700	mHz
MIDDLE	LTE 15 MHz	256QAM	375.650	mHz
TOP	LTE 15 MHz	QPSK	1.174	Hz
TOP	LTE 15 MHz	16QAM	405	mHz
TOP	LTE 15 MHz	64QAM	1.032	Hz
TOP	LTE 15 MHz	256QAM	771	mHz
MIDDLE	LTE 20 MHz	QPSK	-1.399	Hz
MIDDLE	LTE 20 MHz	16QAM	1.544	Hz
MIDDLE	LTE 20 MHz	64QAM	920.630	mHz
MIDDLE	LTE 20 MHz	256QAM	-1.560	Hz

Temperature = 10°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-334	mHz
BOTTOM	LTE 5 MHz	16QAM	250	mHz
BOTTOM	LTE 5 MHz	64QAM	-1.024	Hz
BOTTOM	LTE 5 MHz	256QAM	-713	mHz
MIDDLE	LTE 5 MHz	QPSK	-1.306	Hz
MIDDLE	LTE 5 MHz	16QAM	-662	mHz
MIDDLE	LTE 5 MHz	64QAM	1.012	Hz
MIDDLE	LTE 5 MHz	256QAM	494	mHz
TOP	LTE 5 MHz	QPSK	1.205	Hz
TOP	LTE 5 MHz	16QAM	-1.135	Hz
TOP	LTE 5 MHz	64QAM	-783	mHz
TOP	LTE 5 MHz	256QAM	-1.01	Hz
BOTTOM	LTE 10 MHz	QPSK	1.13	Hz
BOTTOM	LTE 10 MHz	16QAM	-1.142	Hz
BOTTOM	LTE 10 MHz	64QAM	-204	mHz
BOTTOM	LTE 10 MHz	256QAM	-1.237	Hz
MIDDLE	LTE 10 MHz	QPSK	1.457	Hz
MIDDLE	LTE 10 MHz	16QAM	322	mHz
MIDDLE	LTE 10 MHz	64QAM	-1.131	Hz
MIDDLE	LTE 10 MHz	256QAM	-307	mHz
TOP	LTE 10 MHz	QPSK	105	mHz
TOP	LTE 10 MHz	16QAM	-821	mHz
TOP	LTE 10 MHz	64QAM	-1.02	Hz
TOP	LTE 10 MHz	256QAM	706	mHz
BOTTOM	LTE 15 MHz	QPSK	-277	mHz
BOTTOM	LTE 15 MHz	16QAM	1.404	Hz
BOTTOM	LTE 15 MHz	64QAM	-1.22	Hz
BOTTOM	LTE 15 MHz	256QAM	-1.212	Hz
MIDDLE	LTE 15 MHz	QPSK	-474	mHz
MIDDLE	LTE 15 MHz	16QAM	-310	mHz
MIDDLE	LTE 15 MHz	64QAM	1.372	Hz
MIDDLE	LTE 15 MHz	256QAM	1.414	Hz
TOP	LTE 15 MHz	QPSK	921	mHz
TOP	LTE 15 MHz	16QAM	256	mHz
TOP	LTE 15 MHz	64QAM	-96	mHz
TOP	LTE 15 MHz	256QAM	-1.332	Hz
MIDDLE	LTE 20 MHz	QPSK	130	mHz
MIDDLE	LTE 20 MHz	16QAM	326	mHz
MIDDLE	LTE 20 MHz	64QAM	51	mHz
MIDDLE	LTE 20 MHz	256QAM	1.186	Hz

Temperature = 20°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-91.918	mHz
BOTTOM	LTE 5 MHz	16QAM	578.06	mHz
BOTTOM	LTE 5 MHz	64QAM	-974.88	mHz
BOTTOM	LTE 5 MHz	256QAM	-890.92	mHz
MIDDLE	LTE 5 MHz	QPSK	697.46	mHz
MIDDLE	LTE 5 MHz	16QAM	-638.53	mHz
MIDDLE	LTE 5 MHz	64QAM	-185.69	mHz
MIDDLE	LTE 5 MHz	256QAM	-134.2	mHz
TOP	LTE 5 MHz	QPSK	332.38	mHz
TOP	LTE 5 MHz	16QAM	732.61	mHz
TOP	LTE 5 MHz	64QAM	-965.23	mHz
TOP	LTE 5 MHz	256QAM	84.508	mHz
BOTTOM	LTE 10 MHz	QPSK	926.39	mHz
BOTTOM	LTE 10 MHz	16QAM	198.69	mHz
BOTTOM	LTE 10 MHz	64QAM	-156.13	mHz
BOTTOM	LTE 10 MHz	256QAM	-529.23	mHz
MIDDLE	LTE 10 MHz	QPSK	-367.23	mHz
MIDDLE	LTE 10 MHz	16QAM	-560.41	mHz
MIDDLE	LTE 10 MHz	64QAM	651.79	mHz
MIDDLE	LTE 10 MHz	256QAM	441.85	mHz
TOP	LTE 10 MHz	QPSK	-80.464	mHz
TOP	LTE 10 MHz	16QAM	744.49	mHz
TOP	LTE 10 MHz	64QAM	-813.31	mHz
TOP	LTE 10 MHz	256QAM	-288.42	mHz
BOTTOM	LTE 15 MHz	QPSK	635.25	mHz
BOTTOM	LTE 15 MHz	16QAM	-52.475	mHz
BOTTOM	LTE 15 MHz	64QAM	-541.33	mHz
BOTTOM	LTE 15 MHz	256QAM	-642.85	mHz
MIDDLE	LTE 15 MHz	QPSK	-752.83	mHz
MIDDLE	LTE 15 MHz	16QAM	94.432	mHz
MIDDLE	LTE 15 MHz	64QAM	773.92	mHz
MIDDLE	LTE 15 MHz	256QAM	193.44	mHz
TOP	LTE 15 MHz	QPSK	633.89	mHz
TOP	LTE 15 MHz	16QAM	169.88	mHz
TOP	LTE 15 MHz	64QAM	273.47	mHz
TOP	LTE 15 MHz	256QAM	886.05	mHz
MIDDLE	LTE 20 MHz	QPSK	-517.26	mHz
MIDDLE	LTE 20 MHz	16QAM	665.07	mHz
MIDDLE	LTE 20 MHz	64QAM	797.27	mHz
MIDDLE	LTE 20 MHz	256QAM	760.6	mHz

Temperature = 30°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-539	mHz
BOTTOM	LTE 5 MHz	16QAM	1.124	Hz
BOTTOM	LTE 5 MHz	64QAM	212	mHz
BOTTOM	LTE 5 MHz	256QAM	956	mHz
MIDDLE	LTE 5 MHz	QPSK	-711.490	mHz
MIDDLE	LTE 5 MHz	16QAM	584.140	mHz
MIDDLE	LTE 5 MHz	64QAM	-426.280	mHz
MIDDLE	LTE 5 MHz	256QAM	571.770	mHz
TOP	LTE 5 MHz	QPSK	-1.457	Hz
TOP	LTE 5 MHz	16QAM	536	mHz
TOP	LTE 5 MHz	64QAM	-1.479	Hz
TOP	LTE 5 MHz	256QAM	153	mHz
BOTTOM	LTE 10 MHz	QPSK	-321	mHz
BOTTOM	LTE 10 MHz	16QAM	-653	mHz
BOTTOM	LTE 10 MHz	64QAM	1.003	Hz
BOTTOM	LTE 10 MHz	256QAM	545	mHz
MIDDLE	LTE 10 MHz	QPSK	110.41	mHz
MIDDLE	LTE 10 MHz	16QAM	-734.29	mHz
MIDDLE	LTE 10 MHz	64QAM	26.797	mHz
MIDDLE	LTE 10 MHz	256QAM	-224.43	mHz
TOP	LTE 10 MHz	QPSK	-812	mHz
TOP	LTE 10 MHz	16QAM	112	mHz
TOP	LTE 10 MHz	64QAM	593	mHz
TOP	LTE 10 MHz	256QAM	-1.476	Hz
BOTTOM	LTE 15 MHz	QPSK	1.07	Hz
BOTTOM	LTE 15 MHz	16QAM	1.288	Hz
BOTTOM	LTE 15 MHz	64QAM	-585	mHz
BOTTOM	LTE 15 MHz	256QAM	-420	mHz
MIDDLE	LTE 15 MHz	QPSK	1.6049	Hz
MIDDLE	LTE 15 MHz	16QAM	847.47	mHz
MIDDLE	LTE 15 MHz	64QAM	-269.9	mHz
MIDDLE	LTE 15 MHz	256QAM	436.11	mHz
TOP	LTE 15 MHz	QPSK	354	mHz
TOP	LTE 15 MHz	16QAM	-1.368	Hz
TOP	LTE 15 MHz	64QAM	514	mHz
TOP	LTE 15 MHz	256QAM	1.105	Hz
MIDDLE	LTE 20 MHz	QPSK	179.15	mHz
MIDDLE	LTE 20 MHz	16QAM	-91.618	mHz
MIDDLE	LTE 20 MHz	64QAM	567.89	mHz
MIDDLE	LTE 20 MHz	256QAM	-201.14	mHz

Temperature = 40°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	1.080	Hz
BOTTOM	LTE 5 MHz	16QAM	-988.200	mHz
BOTTOM	LTE 5 MHz	64QAM	960.030	mHz
BOTTOM	LTE 5 MHz	256QAM	125.660	mHz
MIDDLE	LTE 5 MHz	QPSK	1.295	Hz
MIDDLE	LTE 5 MHz	16QAM	-768.400	mHz
MIDDLE	LTE 5 MHz	64QAM	-595.300	mHz
MIDDLE	LTE 5 MHz	256QAM	586.830	mHz
TOP	LTE 5 MHz	QPSK	617.380	mHz
TOP	LTE 5 MHz	16QAM	426.750	mHz
TOP	LTE 5 MHz	64QAM	-128.960	mHz
TOP	LTE 5 MHz	256QAM	334.680	mHz
BOTTOM	LTE 10 MHz	QPSK	1.553	Hz
BOTTOM	LTE 10 MHz	16QAM	1.323	Hz
BOTTOM	LTE 10 MHz	64QAM	65.780	mHz
BOTTOM	LTE 10 MHz	256QAM	522.350	mHz
MIDDLE	LTE 10 MHz	QPSK	-138.320	mHz
MIDDLE	LTE 10 MHz	16QAM	745.410	mHz
MIDDLE	LTE 10 MHz	64QAM	-881.190	mHz
MIDDLE	LTE 10 MHz	256QAM	225.790	mHz
TOP	LTE 10 MHz	QPSK	870.630	mHz
TOP	LTE 10 MHz	16QAM	789.370	mHz
TOP	LTE 10 MHz	64QAM	575.780	mHz
TOP	LTE 10 MHz	256QAM	-1.067	Hz
BOTTOM	LTE 15 MHz	QPSK	-1.362	Hz
BOTTOM	LTE 15 MHz	16QAM	-1.271	Hz
BOTTOM	LTE 15 MHz	64QAM	-1.802	Hz
BOTTOM	LTE 15 MHz	256QAM	1.057	Hz
MIDDLE	LTE 15 MHz	QPSK	573.860	mHz
MIDDLE	LTE 15 MHz	16QAM	1.326	Hz
MIDDLE	LTE 15 MHz	64QAM	-480.570	mHz
MIDDLE	LTE 15 MHz	256QAM	-699.520	mHz
TOP	LTE 15 MHz	QPSK	775.840	mHz
TOP	LTE 15 MHz	16QAM	930.790	mHz
TOP	LTE 15 MHz	64QAM	818.030	mHz
TOP	LTE 15 MHz	256QAM	-686.100	mHz
MIDDLE	LTE 20 MHz	QPSK	-336.380	mHz
MIDDLE	LTE 20 MHz	16QAM	630.180	mHz
MIDDLE	LTE 20 MHz	64QAM	-320.870	mHz
MIDDLE	LTE 20 MHz	256QAM	505.720	mHz

Temperature = 50°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	1.355	Hz
BOTTOM	LTE 5 MHz	16QAM	-1.309	Hz
BOTTOM	LTE 5 MHz	64QAM	283	mHz
BOTTOM	LTE 5 MHz	256QAM	871	mHz
MIDDLE	LTE 5 MHz	QPSK	-1.011	Hz
MIDDLE	LTE 5 MHz	16QAM	468	mHz
MIDDLE	LTE 5 MHz	64QAM	412	mHz
MIDDLE	LTE 5 MHz	256QAM	1.241	Hz
TOP	LTE 5 MHz	QPSK	968	mHz
TOP	LTE 5 MHz	16QAM	1.176	Hz
TOP	LTE 5 MHz	64QAM	1.194	Hz
TOP	LTE 5 MHz	256QAM	316	mHz
BOTTOM	LTE 10 MHz	QPSK	860	mHz
BOTTOM	LTE 10 MHz	16QAM	1.096	Hz
BOTTOM	LTE 10 MHz	64QAM	-1.461	Hz
BOTTOM	LTE 10 MHz	256QAM	-549	mHz
MIDDLE	LTE 10 MHz	QPSK	255	mHz
MIDDLE	LTE 10 MHz	16QAM	343	mHz
MIDDLE	LTE 10 MHz	64QAM	138	mHz
MIDDLE	LTE 10 MHz	256QAM	77	mHz
TOP	LTE 10 MHz	QPSK	-273	mHz
TOP	LTE 10 MHz	16QAM	362	mHz
TOP	LTE 10 MHz	64QAM	1.493	Hz
TOP	LTE 10 MHz	256QAM	-924	mHz
BOTTOM	LTE 15 MHz	QPSK	693	mHz
BOTTOM	LTE 15 MHz	16QAM	-1.477	Hz
BOTTOM	LTE 15 MHz	64QAM	1.048	Hz
BOTTOM	LTE 15 MHz	256QAM	-168	mHz
MIDDLE	LTE 15 MHz	QPSK	-555	mHz
MIDDLE	LTE 15 MHz	16QAM	-265	mHz
MIDDLE	LTE 15 MHz	64QAM	258	mHz
MIDDLE	LTE 15 MHz	256QAM	747	mHz
TOP	LTE 15 MHz	QPSK	1.063	Hz
TOP	LTE 15 MHz	16QAM	729	mHz
TOP	LTE 15 MHz	64QAM	-48	mHz
TOP	LTE 15 MHz	256QAM	472	mHz
MIDDLE	LTE 20 MHz	QPSK	424	mHz
MIDDLE	LTE 20 MHz	16QAM	908	mHz
MIDDLE	LTE 20 MHz	64QAM	-1.317	Hz
MIDDLE	LTE 20 MHz	256QAM	1.124	Hz

RF PORT 2

Temperature = -30°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-145	mHz
BOTTOM	LTE 5 MHz	16QAM	1.223	Hz
BOTTOM	LTE 5 MHz	64QAM	-661	mHz
BOTTOM	LTE 5 MHz	256QAM	-363	mHz
MIDDLE	LTE 5 MHz	QPSK	1.042	Hz
MIDDLE	LTE 5 MHz	16QAM	842	mHz
MIDDLE	LTE 5 MHz	64QAM	438	mHz
MIDDLE	LTE 5 MHz	256QAM	365	mHz
TOP	LTE 5 MHz	QPSK	-1.479	Hz
TOP	LTE 5 MHz	16QAM	-1.375	Hz
TOP	LTE 5 MHz	64QAM	-1.493	Hz
TOP	LTE 5 MHz	256QAM	-1.23	Hz
BOTTOM	LTE 10 MHz	QPSK	-227	mHz
BOTTOM	LTE 10 MHz	16QAM	-290	mHz
BOTTOM	LTE 10 MHz	64QAM	-477	mHz
BOTTOM	LTE 10 MHz	256QAM	-402	mHz
MIDDLE	LTE 10 MHz	QPSK	-704	mHz
MIDDLE	LTE 10 MHz	16QAM	1.164	Hz
MIDDLE	LTE 10 MHz	64QAM	282	mHz
MIDDLE	LTE 10 MHz	256QAM	-1.372	Hz
TOP	LTE 10 MHz	QPSK	1.482	Hz
TOP	LTE 10 MHz	16QAM	606	mHz
TOP	LTE 10 MHz	64QAM	883	mHz
TOP	LTE 10 MHz	256QAM	982	mHz
BOTTOM	LTE 15 MHz	QPSK	-728	mHz
BOTTOM	LTE 15 MHz	16QAM	939	mHz
BOTTOM	LTE 15 MHz	64QAM	416	mHz
BOTTOM	LTE 15 MHz	256QAM	733	mHz
MIDDLE	LTE 15 MHz	QPSK	212	mHz
MIDDLE	LTE 15 MHz	16QAM	-1.317	Hz
MIDDLE	LTE 15 MHz	64QAM	788	mHz
MIDDLE	LTE 15 MHz	256QAM	784	mHz
TOP	LTE 15 MHz	QPSK	1.059	Hz
TOP	LTE 15 MHz	16QAM	856	mHz
TOP	LTE 15 MHz	64QAM	-721	mHz
TOP	LTE 15 MHz	256QAM	586	mHz
MIDDLE	LTE 20 MHz	QPSK	1.003	Hz
MIDDLE	LTE 20 MHz	16QAM	-1.395	Hz
MIDDLE	LTE 20 MHz	64QAM	-1.411	Hz
MIDDLE	LTE 20 MHz	256QAM	982	mHz

Temperature = -20°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-926	mHz
BOTTOM	LTE 5 MHz	16QAM	-1.392	Hz
BOTTOM	LTE 5 MHz	64QAM	-552	mHz
BOTTOM	LTE 5 MHz	256QAM	211	mHz
MIDDLE	LTE 5 MHz	QPSK	267	mHz
MIDDLE	LTE 5 MHz	16QAM	300	mHz
MIDDLE	LTE 5 MHz	64QAM	-1.272	Hz
MIDDLE	LTE 5 MHz	256QAM	-534	mHz
TOP	LTE 5 MHz	QPSK	128	mHz
TOP	LTE 5 MHz	16QAM	1.138	Hz
TOP	LTE 5 MHz	64QAM	274	mHz
TOP	LTE 5 MHz	256QAM	910	mHz
BOTTOM	LTE 10 MHz	QPSK	-312	mHz
BOTTOM	LTE 10 MHz	16QAM	582	mHz
BOTTOM	LTE 10 MHz	64QAM	-267	mHz
BOTTOM	LTE 10 MHz	256QAM	299	mHz
MIDDLE	LTE 10 MHz	QPSK	1.493	Hz
MIDDLE	LTE 10 MHz	16QAM	-943	mHz
MIDDLE	LTE 10 MHz	64QAM	-377	mHz
MIDDLE	LTE 10 MHz	256QAM	1.486	Hz
TOP	LTE 10 MHz	QPSK	-1.329	Hz
TOP	LTE 10 MHz	16QAM	263	mHz
TOP	LTE 10 MHz	64QAM	1.217	Hz
TOP	LTE 10 MHz	256QAM	384	mHz
BOTTOM	LTE 15 MHz	QPSK	1.188	Hz
BOTTOM	LTE 15 MHz	16QAM	-1.107	Hz
BOTTOM	LTE 15 MHz	64QAM	-1.249	Hz
BOTTOM	LTE 15 MHz	256QAM	632	mHz
MIDDLE	LTE 15 MHz	QPSK	-863	mHz
MIDDLE	LTE 15 MHz	16QAM	1.079	Hz
MIDDLE	LTE 15 MHz	64QAM	882	mHz
MIDDLE	LTE 15 MHz	256QAM	-805	mHz
TOP	LTE 15 MHz	QPSK	656	mHz
TOP	LTE 15 MHz	16QAM	859	mHz
TOP	LTE 15 MHz	64QAM	370	mHz
TOP	LTE 15 MHz	256QAM	-1.437	Hz
MIDDLE	LTE 20 MHz	QPSK	-88	mHz
MIDDLE	LTE 20 MHz	16QAM	-502	mHz
MIDDLE	LTE 20 MHz	64QAM	-1.455	Hz
MIDDLE	LTE 20 MHz	256QAM	-384	mHz

Temperature = -10°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	285	mHz
BOTTOM	LTE 5 MHz	16QAM	337	mHz
BOTTOM	LTE 5 MHz	64QAM	-1.236	Hz
BOTTOM	LTE 5 MHz	256QAM	-1.227	Hz
MIDDLE	LTE 5 MHz	QPSK	943.06	mHz
MIDDLE	LTE 5 MHz	16QAM	466.03	mHz
MIDDLE	LTE 5 MHz	64QAM	-1.7757	Hz
MIDDLE	LTE 5 MHz	256QAM	1.4495	Hz
TOP	LTE 5 MHz	QPSK	-1.384	Hz
TOP	LTE 5 MHz	16QAM	1.292	Hz
TOP	LTE 5 MHz	64QAM	-425	mHz
TOP	LTE 5 MHz	256QAM	-737	mHz
BOTTOM	LTE 10 MHz	QPSK	-859	mHz
BOTTOM	LTE 10 MHz	16QAM	540	mHz
BOTTOM	LTE 10 MHz	64QAM	-548	mHz
BOTTOM	LTE 10 MHz	256QAM	499	mHz
MIDDLE	LTE 10 MHz	QPSK	-1.3188	Hz
MIDDLE	LTE 10 MHz	16QAM	1.273	Hz
MIDDLE	LTE 10 MHz	64QAM	-743.08	mHz
MIDDLE	LTE 10 MHz	256QAM	-1.0815	Hz
TOP	LTE 10 MHz	QPSK	-880	mHz
TOP	LTE 10 MHz	16QAM	-1.287	Hz
TOP	LTE 10 MHz	64QAM	-572	mHz
TOP	LTE 10 MHz	256QAM	-928	mHz
BOTTOM	LTE 15 MHz	QPSK	100	mHz
BOTTOM	LTE 15 MHz	16QAM	-18	mHz
BOTTOM	LTE 15 MHz	64QAM	808	mHz
BOTTOM	LTE 15 MHz	256QAM	-539	mHz
MIDDLE	LTE 15 MHz	QPSK	924.55	mHz
MIDDLE	LTE 15 MHz	16QAM	-139.76	mHz
MIDDLE	LTE 15 MHz	64QAM	-768.9	mHz
MIDDLE	LTE 15 MHz	256QAM	-397.33	mHz
TOP	LTE 15 MHz	QPSK	-997	mHz
TOP	LTE 15 MHz	16QAM	921	mHz
TOP	LTE 15 MHz	64QAM	452	mHz
TOP	LTE 15 MHz	256QAM	-974	mHz
MIDDLE	LTE 20 MHz	QPSK	842.82	mHz
MIDDLE	LTE 20 MHz	16QAM	-663.29	mHz
MIDDLE	LTE 20 MHz	64QAM	-469.83	mHz
MIDDLE	LTE 20 MHz	256QAM	1.3202	Hz

Temperature = 0°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-473	mHz
BOTTOM	LTE 5 MHz	16QAM	1.442	Hz
BOTTOM	LTE 5 MHz	64QAM	-612	mHz
BOTTOM	LTE 5 MHz	256QAM	-223	mHz
MIDDLE	LTE 5 MHz	QPSK	-1.336	Hz
MIDDLE	LTE 5 MHz	16QAM	-474	mHz
MIDDLE	LTE 5 MHz	64QAM	-939	mHz
MIDDLE	LTE 5 MHz	256QAM	-1.329	Hz
TOP	LTE 5 MHz	QPSK	-386	mHz
TOP	LTE 5 MHz	16QAM	-374	mHz
TOP	LTE 5 MHz	64QAM	561	mHz
TOP	LTE 5 MHz	256QAM	762	mHz
BOTTOM	LTE 10 MHz	QPSK	343	mHz
BOTTOM	LTE 10 MHz	16QAM	984	mHz
BOTTOM	LTE 10 MHz	64QAM	-960	mHz
BOTTOM	LTE 10 MHz	256QAM	329	mHz
MIDDLE	LTE 10 MHz	QPSK	-20	mHz
MIDDLE	LTE 10 MHz	16QAM	-1.484	Hz
MIDDLE	LTE 10 MHz	64QAM	-953	mHz
MIDDLE	LTE 10 MHz	256QAM	448	mHz
TOP	LTE 10 MHz	QPSK	527	mHz
TOP	LTE 10 MHz	16QAM	581	mHz
TOP	LTE 10 MHz	64QAM	511	mHz
TOP	LTE 10 MHz	256QAM	446	mHz
BOTTOM	LTE 15 MHz	QPSK	669	mHz
BOTTOM	LTE 15 MHz	16QAM	1.315	Hz
BOTTOM	LTE 15 MHz	64QAM	-419	mHz
BOTTOM	LTE 15 MHz	256QAM	-199	mHz
MIDDLE	LTE 15 MHz	QPSK	-343	mHz
MIDDLE	LTE 15 MHz	16QAM	-131	mHz
MIDDLE	LTE 15 MHz	64QAM	-1.37	Hz
MIDDLE	LTE 15 MHz	256QAM	142	mHz
TOP	LTE 15 MHz	QPSK	-1.225	Hz
TOP	LTE 15 MHz	16QAM	-304	mHz
TOP	LTE 15 MHz	64QAM	634	mHz
TOP	LTE 15 MHz	256QAM	275	mHz
MIDDLE	LTE 20 MHz	QPSK	1.02	Hz
MIDDLE	LTE 20 MHz	16QAM	1.359	Hz
MIDDLE	LTE 20 MHz	64QAM	-65	mHz
MIDDLE	LTE 20 MHz	256QAM	869	mHz

Temperature = 10°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-232	mHz
BOTTOM	LTE 5 MHz	16QAM	845	mHz
BOTTOM	LTE 5 MHz	64QAM	279	mHz
BOTTOM	LTE 5 MHz	256QAM	-1.396	Hz
MIDDLE	LTE 5 MHz	QPSK	255	mHz
MIDDLE	LTE 5 MHz	16QAM	-509	mHz
MIDDLE	LTE 5 MHz	64QAM	209	mHz
MIDDLE	LTE 5 MHz	256QAM	-587	mHz
TOP	LTE 5 MHz	QPSK	-635	mHz
TOP	LTE 5 MHz	16QAM	-1.485	Hz
TOP	LTE 5 MHz	64QAM	864	mHz
TOP	LTE 5 MHz	256QAM	379	mHz
BOTTOM	LTE 10 MHz	QPSK	1.371	Hz
BOTTOM	LTE 10 MHz	16QAM	-881	mHz
BOTTOM	LTE 10 MHz	64QAM	-575	mHz
BOTTOM	LTE 10 MHz	256QAM	168	mHz
MIDDLE	LTE 10 MHz	QPSK	-617	mHz
MIDDLE	LTE 10 MHz	16QAM	700	mHz
MIDDLE	LTE 10 MHz	64QAM	-253	mHz
MIDDLE	LTE 10 MHz	256QAM	253	mHz
TOP	LTE 10 MHz	QPSK	703	mHz
TOP	LTE 10 MHz	16QAM	-121	mHz
TOP	LTE 10 MHz	64QAM	-1.1	Hz
TOP	LTE 10 MHz	256QAM	663	mHz
BOTTOM	LTE 15 MHz	QPSK	274	mHz
BOTTOM	LTE 15 MHz	16QAM	-90	mHz
BOTTOM	LTE 15 MHz	64QAM	-664	mHz
BOTTOM	LTE 15 MHz	256QAM	-890	mHz
MIDDLE	LTE 15 MHz	QPSK	1.139	Hz
MIDDLE	LTE 15 MHz	16QAM	-543	mHz
MIDDLE	LTE 15 MHz	64QAM	-746	mHz
MIDDLE	LTE 15 MHz	256QAM	474	mHz
TOP	LTE 15 MHz	QPSK	-381	mHz
TOP	LTE 15 MHz	16QAM	1.326	Hz
TOP	LTE 15 MHz	64QAM	-612	mHz
TOP	LTE 15 MHz	256QAM	942	mHz
MIDDLE	LTE 20 MHz	QPSK	-44	mHz
MIDDLE	LTE 20 MHz	16QAM	-906	mHz
MIDDLE	LTE 20 MHz	64QAM	187	mHz
MIDDLE	LTE 20 MHz	256QAM	-1.2	Hz

Temperature = 20°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	510.140	mHz
BOTTOM	LTE 5 MHz	16QAM	232.560	mHz
BOTTOM	LTE 5 MHz	64QAM	850.280	mHz
BOTTOM	LTE 5 MHz	256QAM	-680.540	mHz
MIDDLE	LTE 5 MHz	QPSK	993.670	mHz
MIDDLE	LTE 5 MHz	16QAM	-662.700	mHz
MIDDLE	LTE 5 MHz	64QAM	-208.100	mHz
MIDDLE	LTE 5 MHz	256QAM	-57.763	mHz
TOP	LTE 5 MHz	QPSK	-351.260	mHz
TOP	LTE 5 MHz	16QAM	83.804	mHz
TOP	LTE 5 MHz	64QAM	-194.910	mHz
TOP	LTE 5 MHz	256QAM	78.215	mHz
BOTTOM	LTE 10 MHz	QPSK	123.840	mHz
BOTTOM	LTE 10 MHz	16QAM	579.320	mHz
BOTTOM	LTE 10 MHz	64QAM	-524.440	mHz
BOTTOM	LTE 10 MHz	256QAM	-75.406	mHz
MIDDLE	LTE 10 MHz	QPSK	-843.410	mHz
MIDDLE	LTE 10 MHz	16QAM	-211.460	mHz
MIDDLE	LTE 10 MHz	64QAM	-430.940	mHz
MIDDLE	LTE 10 MHz	256QAM	-386.390	mHz
TOP	LTE 10 MHz	QPSK	2.926	Hz
TOP	LTE 10 MHz	16QAM	-804.900	mHz
TOP	LTE 10 MHz	64QAM	567.290	mHz
TOP	LTE 10 MHz	256QAM	-604.300	mHz
BOTTOM	LTE 15 MHz	QPSK	-185.890	mHz
BOTTOM	LTE 15 MHz	16QAM	-336.240	mHz
BOTTOM	LTE 15 MHz	64QAM	737.580	mHz
BOTTOM	LTE 15 MHz	256QAM	177.120	mHz
MIDDLE	LTE 15 MHz	QPSK	47.993	mHz
MIDDLE	LTE 15 MHz	16QAM	424.260	mHz
MIDDLE	LTE 15 MHz	64QAM	-775.800	mHz
MIDDLE	LTE 15 MHz	256QAM	56.231	mHz
TOP	LTE 15 MHz	QPSK	-369.990	mHz
TOP	LTE 15 MHz	16QAM	101.740	mHz
TOP	LTE 15 MHz	64QAM	262.460	mHz
TOP	LTE 15 MHz	256QAM	569.510	mHz
MIDDLE	LTE 20 MHz	QPSK	-763.320	mHz
MIDDLE	LTE 20 MHz	16QAM	-901.600	mHz
MIDDLE	LTE 20 MHz	64QAM	-326.490	mHz
MIDDLE	LTE 20 MHz	256QAM	-439.710	mHz

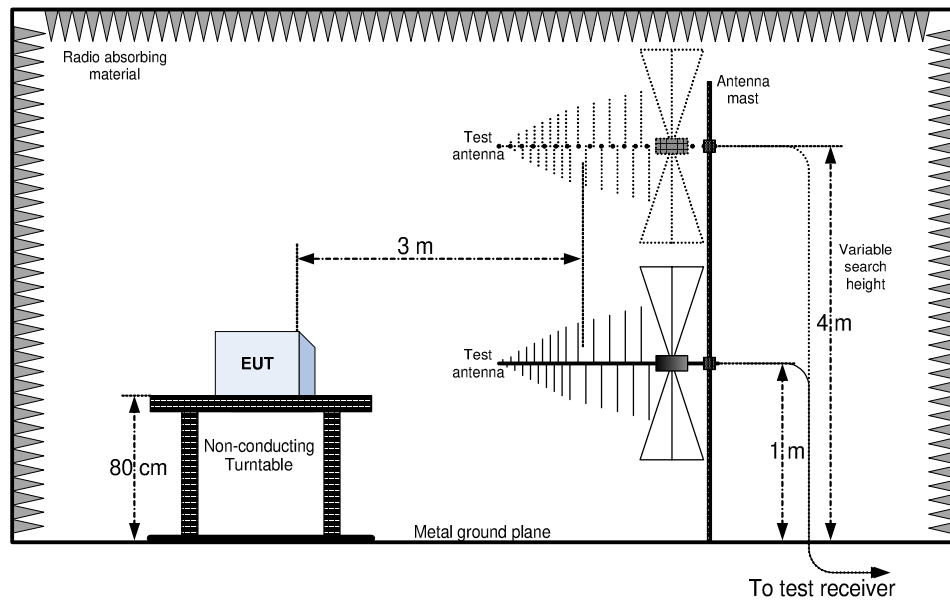
Temperature = 30°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-834	mHz
BOTTOM	LTE 5 MHz	16QAM	1.105	Hz
BOTTOM	LTE 5 MHz	64QAM	-216	mHz
BOTTOM	LTE 5 MHz	256QAM	1.064	Hz
MIDDLE	LTE 5 MHz	QPSK	178.850	mHz
MIDDLE	LTE 5 MHz	16QAM	-1.251	Hz
MIDDLE	LTE 5 MHz	64QAM	-453.640	mHz
MIDDLE	LTE 5 MHz	256QAM	441.380	mHz
TOP	LTE 5 MHz	QPSK	-1.073	Hz
TOP	LTE 5 MHz	16QAM	807	mHz
TOP	LTE 5 MHz	64QAM	-981	mHz
TOP	LTE 5 MHz	256QAM	-963	mHz
BOTTOM	LTE 10 MHz	QPSK	219	mHz
BOTTOM	LTE 10 MHz	16QAM	88	mHz
BOTTOM	LTE 10 MHz	64QAM	217	mHz
BOTTOM	LTE 10 MHz	256QAM	1.404	Hz
MIDDLE	LTE 10 MHz	QPSK	1.4644	Hz
MIDDLE	LTE 10 MHz	16QAM	2.1798	Hz
MIDDLE	LTE 10 MHz	64QAM	-696.96	mHz
MIDDLE	LTE 10 MHz	256QAM	864.22	mHz
TOP	LTE 10 MHz	QPSK	218	mHz
TOP	LTE 10 MHz	16QAM	-60	mHz
TOP	LTE 10 MHz	64QAM	-1.415	Hz
TOP	LTE 10 MHz	256QAM	-1.299	Hz
BOTTOM	LTE 15 MHz	QPSK	-1.305	Hz
BOTTOM	LTE 15 MHz	16QAM	-43	mHz
BOTTOM	LTE 15 MHz	64QAM	-1.029	Hz
BOTTOM	LTE 15 MHz	256QAM	-902	mHz
MIDDLE	LTE 15 MHz	QPSK	546.78	mHz
MIDDLE	LTE 15 MHz	16QAM	-390.91	mHz
MIDDLE	LTE 15 MHz	64QAM	285.65	mHz
MIDDLE	LTE 15 MHz	256QAM	1.2077	Hz
TOP	LTE 15 MHz	QPSK	-820	mHz
TOP	LTE 15 MHz	16QAM	858	mHz
TOP	LTE 15 MHz	64QAM	-533	mHz
TOP	LTE 15 MHz	256QAM	1.177	Hz
MIDDLE	LTE 20 MHz	QPSK	-772.56	mHz
MIDDLE	LTE 20 MHz	16QAM	922.51	mHz
MIDDLE	LTE 20 MHz	64QAM	432.88	mHz
MIDDLE	LTE 20 MHz	256QAM	984.63	mHz

Temperature = 40°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	-474	mHz
BOTTOM	LTE 5 MHz	16QAM	438	mHz
BOTTOM	LTE 5 MHz	64QAM	382	mHz
BOTTOM	LTE 5 MHz	256QAM	930	mHz
MIDDLE	LTE 5 MHz	QPSK	-696.38	mHz
MIDDLE	LTE 5 MHz	16QAM	-417.66	mHz
MIDDLE	LTE 5 MHz	64QAM	-210.29	mHz
MIDDLE	LTE 5 MHz	256QAM	-711.75	mHz
TOP	LTE 5 MHz	QPSK	-728	mHz
TOP	LTE 5 MHz	16QAM	565	mHz
TOP	LTE 5 MHz	64QAM	1.424	Hz
TOP	LTE 5 MHz	256QAM	-358	mHz
BOTTOM	LTE 10 MHz	QPSK	526	mHz
BOTTOM	LTE 10 MHz	16QAM	93	mHz
BOTTOM	LTE 10 MHz	64QAM	-888	mHz
BOTTOM	LTE 10 MHz	256QAM	440	mHz
MIDDLE	LTE 10 MHz	QPSK	-105.63	mHz
MIDDLE	LTE 10 MHz	16QAM	-369.09	mHz
MIDDLE	LTE 10 MHz	64QAM	531.93	mHz
MIDDLE	LTE 10 MHz	256QAM	42.052	mHz
TOP	LTE 10 MHz	QPSK	-1.318	Hz
TOP	LTE 10 MHz	16QAM	-247	mHz
TOP	LTE 10 MHz	64QAM	-1.024	Hz
TOP	LTE 10 MHz	256QAM	-808	mHz
BOTTOM	LTE 15 MHz	QPSK	-693	mHz
BOTTOM	LTE 15 MHz	16QAM	460	mHz
BOTTOM	LTE 15 MHz	64QAM	-822	mHz
BOTTOM	LTE 15 MHz	256QAM	1.124	Hz
MIDDLE	LTE 15 MHz	QPSK	-53.64	mHz
MIDDLE	LTE 15 MHz	16QAM	98.468	mHz
MIDDLE	LTE 15 MHz	64QAM	-718.9	mHz
MIDDLE	LTE 15 MHz	256QAM	-884.69	mHz
TOP	LTE 15 MHz	QPSK	462	mHz
TOP	LTE 15 MHz	16QAM	-547	mHz
TOP	LTE 15 MHz	64QAM	584	mHz
TOP	LTE 15 MHz	256QAM	-1.469	Hz
MIDDLE	LTE 20 MHz	QPSK	824.88	mHz
MIDDLE	LTE 20 MHz	16QAM	-304.01	mHz
MIDDLE	LTE 20 MHz	64QAM	-273.11	mHz
MIDDLE	LTE 20 MHz	256QAM	765.63	mHz

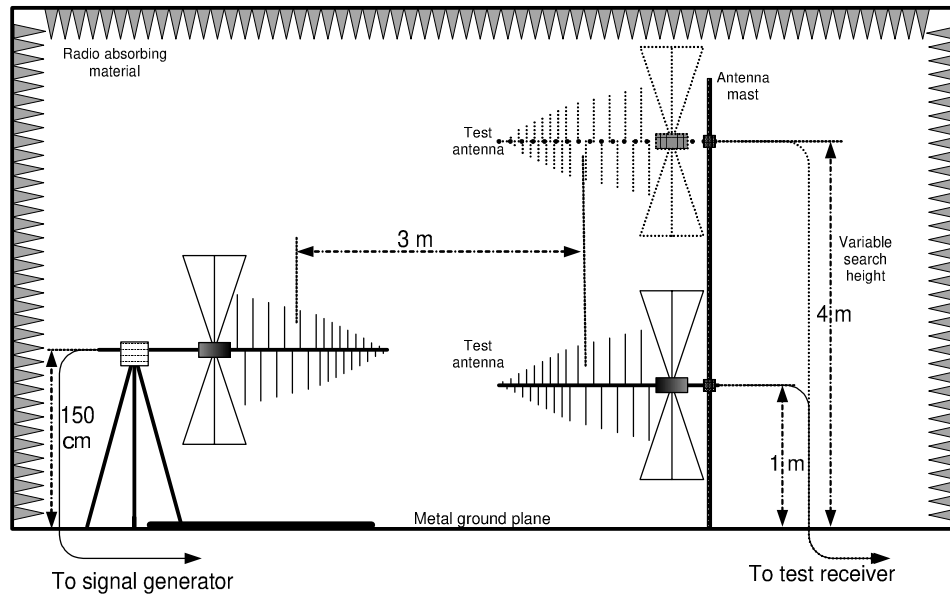
Temperature = 50°C				
Channel	Signal	Modulation	Frequency Error	
BOTTOM	LTE 5 MHz	QPSK	417	mHz
BOTTOM	LTE 5 MHz	16QAM	-1.4	Hz
BOTTOM	LTE 5 MHz	64QAM	-194	mHz
BOTTOM	LTE 5 MHz	256QAM	53	mHz
MIDDLE	LTE 5 MHz	QPSK	1.23	Hz
MIDDLE	LTE 5 MHz	16QAM	-1.058	Hz
MIDDLE	LTE 5 MHz	64QAM	-213	mHz
MIDDLE	LTE 5 MHz	256QAM	1.171	Hz
TOP	LTE 5 MHz	QPSK	799	mHz
TOP	LTE 5 MHz	16QAM	-804	mHz
TOP	LTE 5 MHz	64QAM	-520	mHz
TOP	LTE 5 MHz	256QAM	500	mHz
BOTTOM	LTE 10 MHz	QPSK	-1.21	Hz
BOTTOM	LTE 10 MHz	16QAM	-1.488	Hz
BOTTOM	LTE 10 MHz	64QAM	1.135	Hz
BOTTOM	LTE 10 MHz	256QAM	-827	mHz
MIDDLE	LTE 10 MHz	QPSK	925	mHz
MIDDLE	LTE 10 MHz	16QAM	128	mHz
MIDDLE	LTE 10 MHz	64QAM	493	mHz
MIDDLE	LTE 10 MHz	256QAM	897	mHz
TOP	LTE 10 MHz	QPSK	-64	mHz
TOP	LTE 10 MHz	16QAM	1.184	Hz
TOP	LTE 10 MHz	64QAM	-988	mHz
TOP	LTE 10 MHz	256QAM	500	mHz
BOTTOM	LTE 15 MHz	QPSK	1.233	Hz
BOTTOM	LTE 15 MHz	16QAM	-712	mHz
BOTTOM	LTE 15 MHz	64QAM	838	mHz
BOTTOM	LTE 15 MHz	256QAM	-931	mHz
MIDDLE	LTE 15 MHz	QPSK	501	mHz
MIDDLE	LTE 15 MHz	16QAM	1.486	Hz
MIDDLE	LTE 15 MHz	64QAM	971	mHz
MIDDLE	LTE 15 MHz	256QAM	-750	mHz
TOP	LTE 15 MHz	QPSK	-1.423	Hz
TOP	LTE 15 MHz	16QAM	1.48	Hz
TOP	LTE 15 MHz	64QAM	-957	mHz
TOP	LTE 15 MHz	256QAM	418	mHz
MIDDLE	LTE 20 MHz	QPSK	1.113	Hz
MIDDLE	LTE 20 MHz	16QAM	859	mHz
MIDDLE	LTE 20 MHz	64QAM	430	mHz
MIDDLE	LTE 20 MHz	256QAM	-641	mHz

Appendix B: Block diagrams of test set-ups

Radiated emissions set-up



Substitution method set-up



Appendix C: EUT Photos

Photo Set up

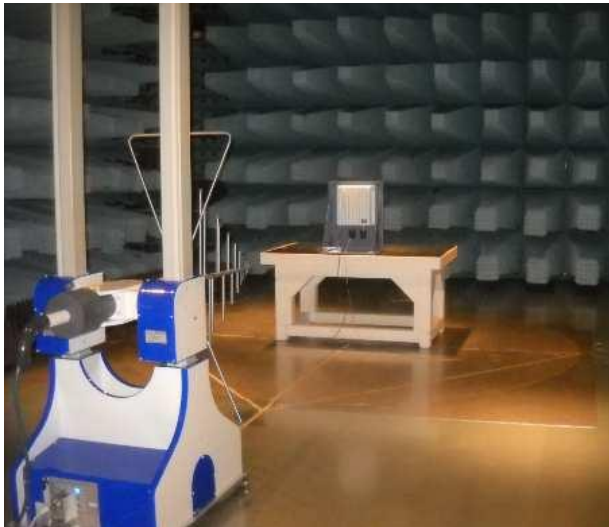
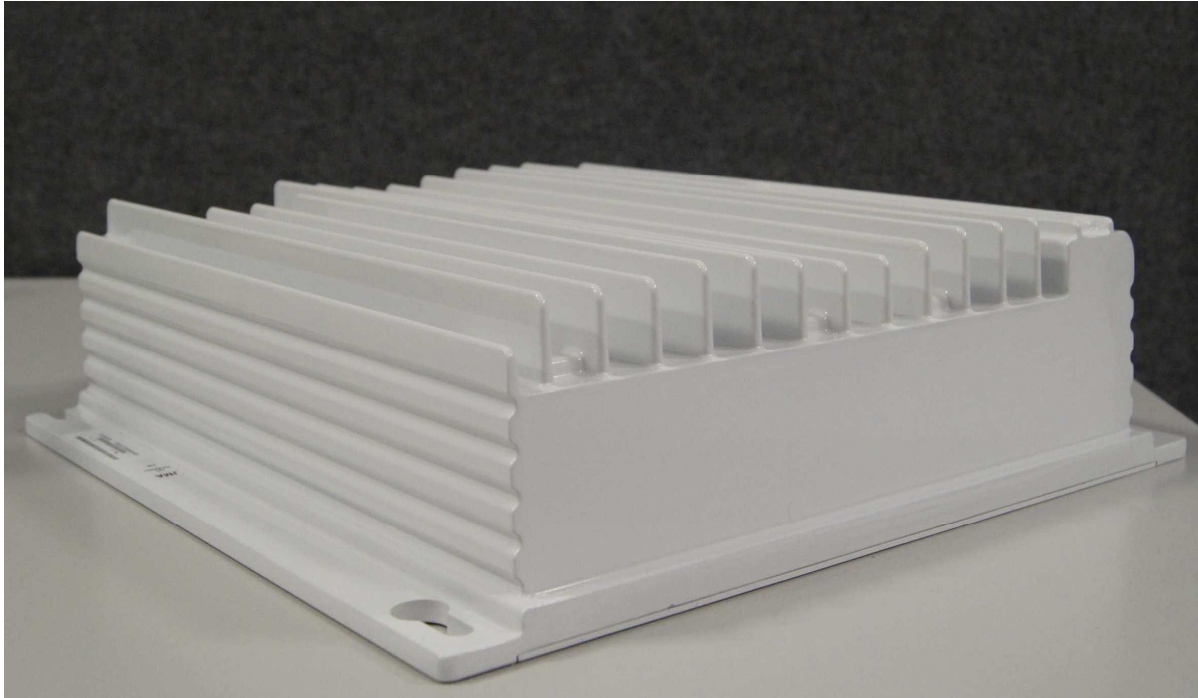


Photo EUT





END OF REPORT