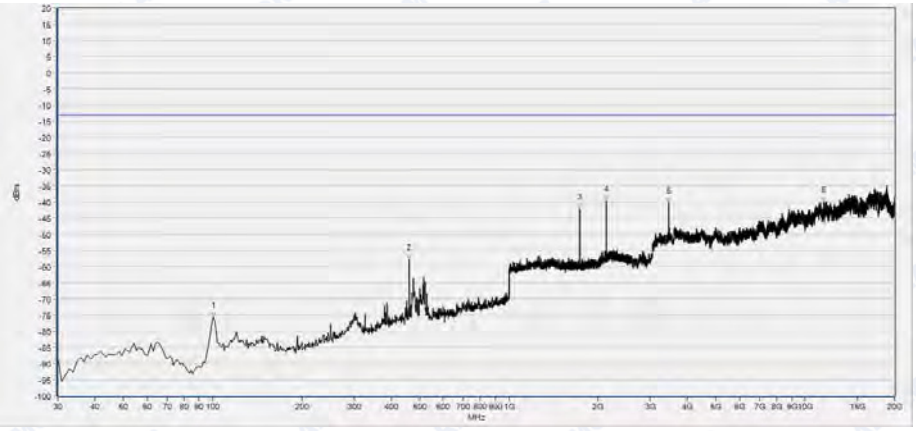
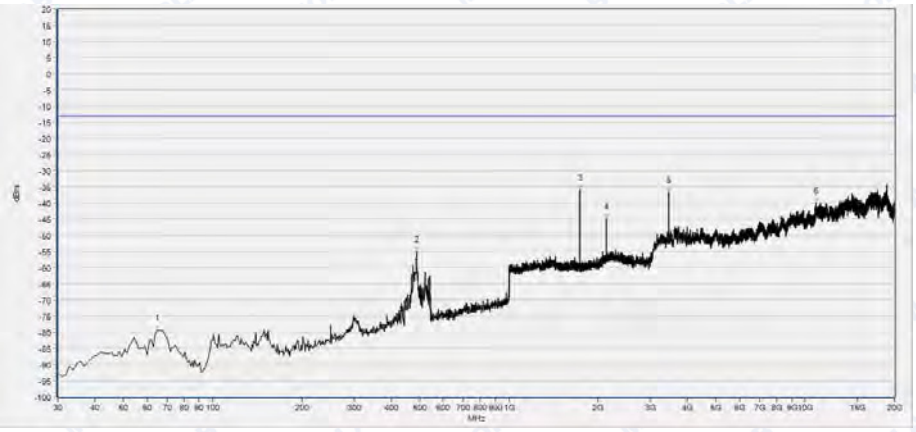
LTE Band 4 1.4MHz BW, Mid Channel, 16QAM

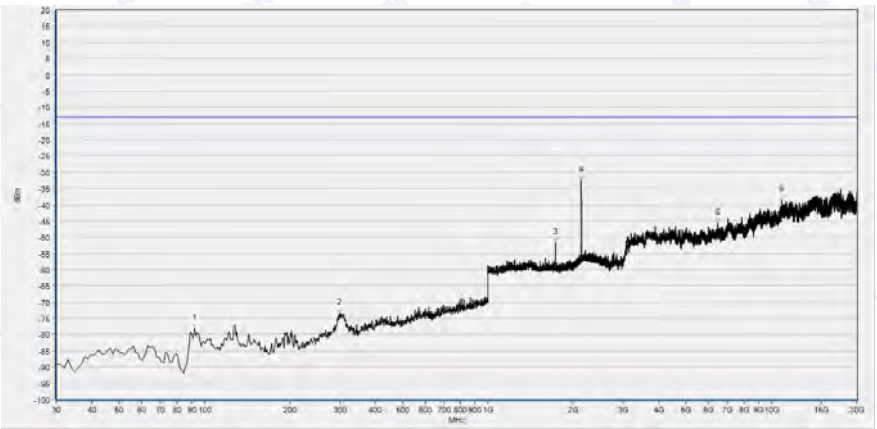


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	100.810	-75.63	-13.00	Horizontal	PASS
2	460.680	-57.76	-13.00	Horizontal	PASS
3	1732.453	-42.06	-13.00	Horizontal	PASS
4	2132.613	-39.78	-13.00	Horizontal	PASS
5	3466.994	-40.16	-13.00	Horizontal	PASS
6	11532.570	-39.99	-13.00	Horizontal	PASS

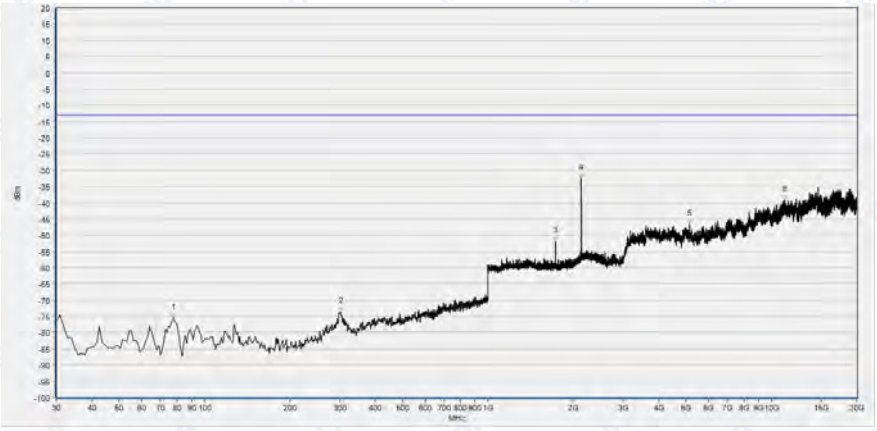


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	64.920	-79.40	-13.00	Vertical	PASS
2	487.840	-54.88	-13.00	Vertical	PASS
3	1733.093	-35.99	-13.00	Vertical	PASS
4	2132.613	-44.93	-13.00	Vertical	PASS
5	3463.830	-36.72	-13.00	Vertical	PASS
6	10836.443	-40.08	-13.00	Vertical	PASS

LTE Band 4 3MHz BW, Mid Channel, QPSK

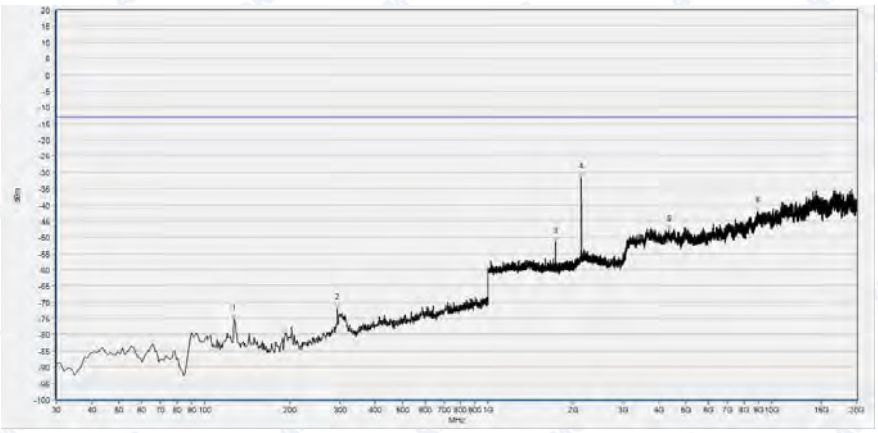


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	92.142	-78.04	-13.00	Horizontal	PASS
2	298.959	-73.45	-13.00	Horizontal	PASS
3	1732.366	-51.81	-13.00	Horizontal	PASS
4	2133.367	-32.56	-13.00	Horizontal	PASS
5	6466.344	-45.77	-13.00	Horizontal	PASS
6	10895.383	-38.54	-13.00	Horizontal	PASS

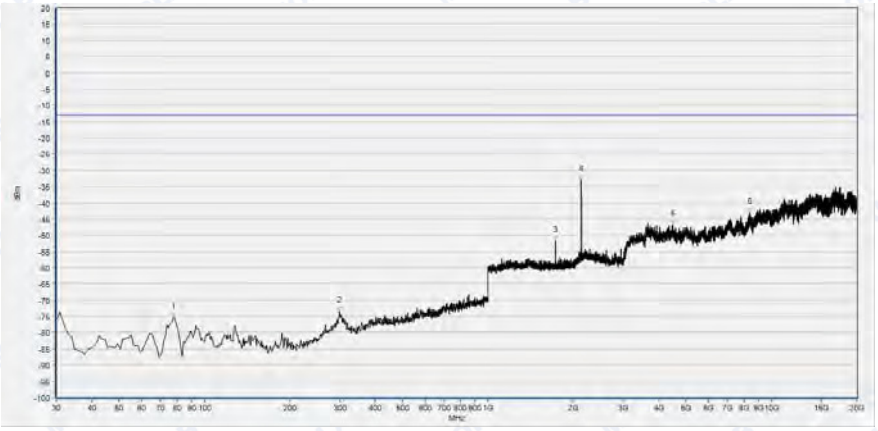


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	77.578	-75.59	-13.00	Vertical	PASS
2	301.872	-73.70	-13.00	Vertical	PASS
3	1732.366	-51.94	-13.00	Vertical	PASS
4	2133.367	-32.54	-13.00	Vertical	PASS
5	5146.624	-46.67	-13.00	Vertical	PASS
6	11147.725	-39.27	-13.00	Vertical	PASS

LTE Band 4 3MHz BW, Mid Channel, 16QAM

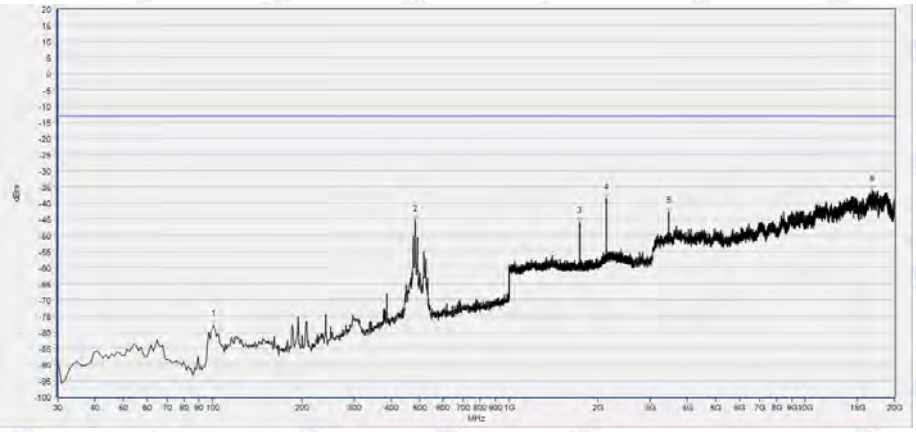


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	127.097	-75.20	-13.00	Horizontal	PASS
2	294.104	-71.95	-13.00	Horizontal	PASS
3	1732.366	-51.49	-13.00	Horizontal	PASS
4	2133.367	-31.51	-13.00	Horizontal	PASS
5	4354.792	-47.61	-13.00	Horizontal	PASS
6	8937.556	-42.20	-13.00	Horizontal	PASS

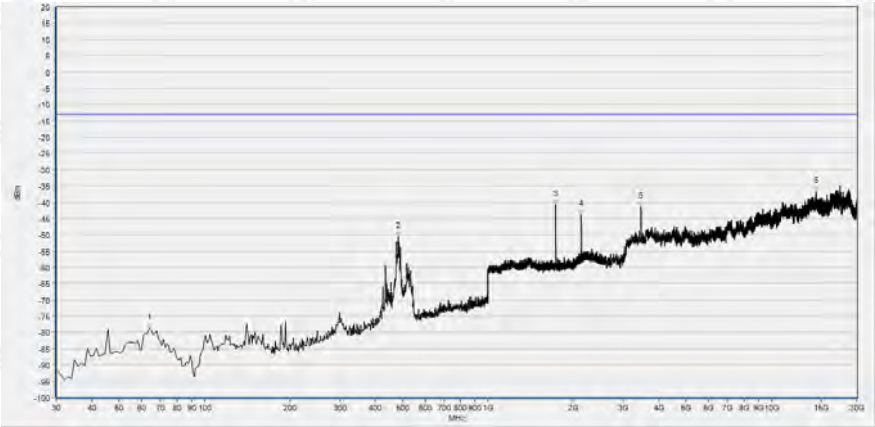


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	77.578	-75.38	-13.00	Vertical	PASS
2	299.930	-73.51	-13.00	Vertical	PASS
3	1732.366	-51.77	-13.00	Vertical	PASS
4	2132.566	-32.98	-13.00	Vertical	PASS
5	4473.712	-46.89	-13.00	Vertical	PASS
6	8383.564	-43.00	-13.00	Vertical	PASS

LTE Band 4 5MHz BW, Mid Channel, QPSK

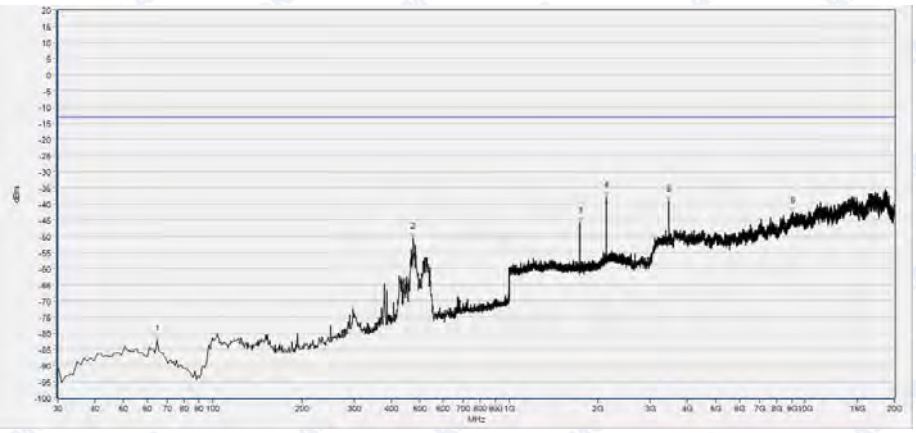


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	100.810	-77.96	-13.00	Horizontal	PASS
2	482.990	-45.37	-13.00	Horizontal	PASS
3	1731.813	-46.02	-13.00	Horizontal	PASS
4	2132.613	-38.84	-13.00	Horizontal	PASS
5	3460.666	-42.90	-13.00	Horizontal	PASS
6	16763.011	-36.12	-13.00	Horizontal	PASS



Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	63.950	-78.79	-13.00	Vertical	PASS
2	482.990	-50.69	-13.00	Vertical	PASS
3	1732.453	-40.82	-13.00	Vertical	PASS
4	2131.973	-43.95	-13.00	Vertical	PASS
5	3463.830	-41.42	-13.00	Vertical	PASS
6	14396.181	-36.79	-13.00	Vertical	PASS

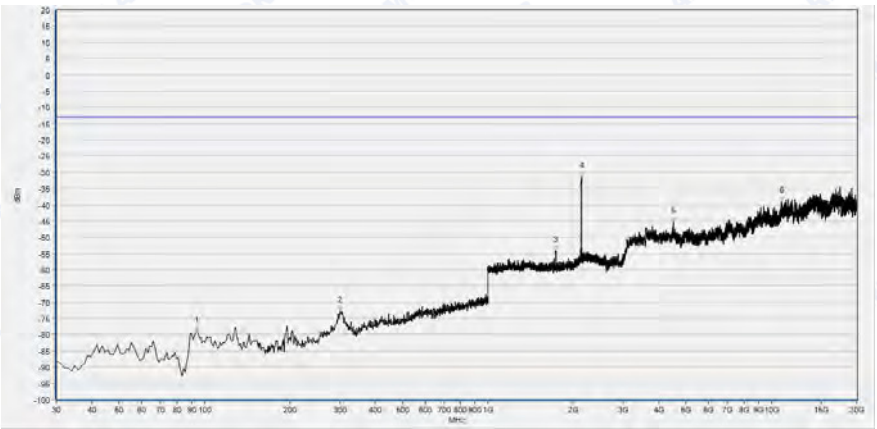
LTE Band 4 5MHz BW, Mid Channel, 16QAM



Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	64.920	-82.10	-13.00	Horizontal	PASS
2	475.230	-50.57	-13.00	Horizontal	PASS
3	1733.093	-45.77	-13.00	Horizontal	PASS
4	2131.333	-37.95	-13.00	Horizontal	PASS
5	3463.830	-39.05	-13.00	Horizontal	PASS
6	9083.470	-42.72	-13.00	Horizontal	PASS

Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	63.950	-78.47	-13.00	Vertical	PASS
2	192.960	-65.08	-13.00	Vertical	PASS
3	475.230	-49.26	-13.00	Vertical	PASS
4	1733.093	-41.21	-13.00	Vertical	PASS
5	2133.894	-44.23	-13.00	Vertical	PASS
6	3463.830	-44.54	-13.00	Vertical	PASS

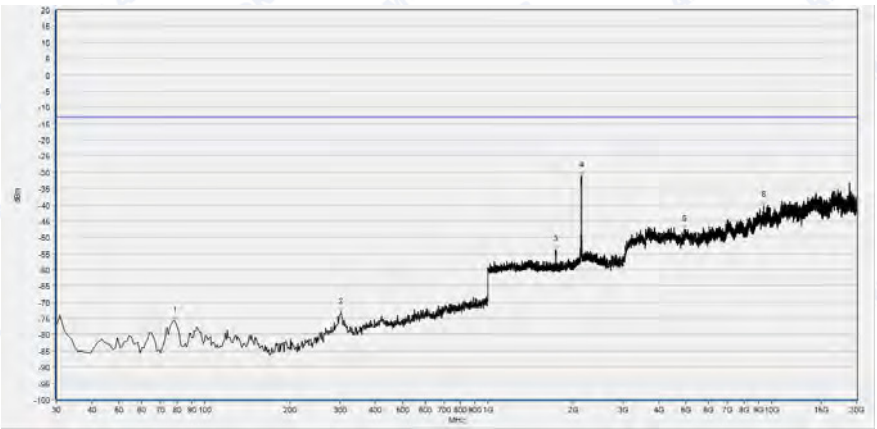
LTE Band 4 10MHz BW, Mid Channel, QPSK



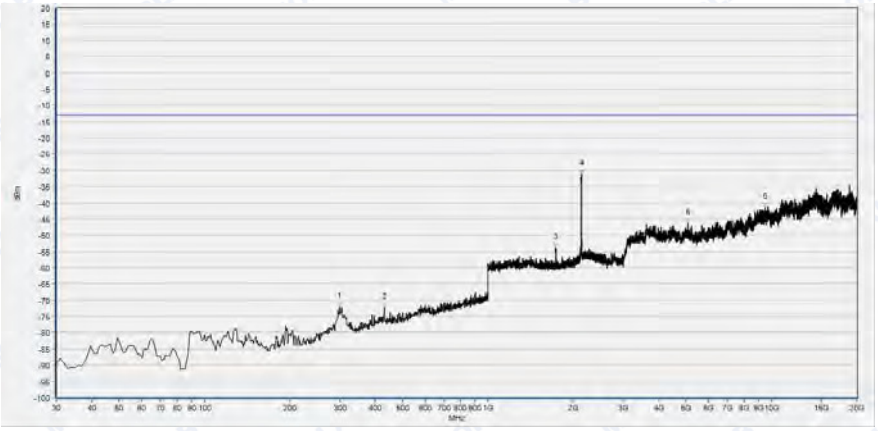
Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	94.084	-79.01	-13.00	Horizontal	PASS
2	300.901	-72.75	-13.00	Horizontal	PASS
3	1735.568	-54.11	-13.00	Horizontal	PASS
4	2135.768	-31.46	-13.00	Horizontal	PASS
5	4517.220	-45.32	-13.00	Horizontal	PASS
6	10848.975	-39.01	-13.00	Horizontal	PASS

Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	77.578	-75.54	-13.00	Vertical	PASS
2	299.930	-73.78	-13.00	Vertical	PASS
3	1731.566	-54.20	-13.00	Vertical	PASS
4	2136.568	-31.81	-13.00	Vertical	PASS
5	4543.324	-46.67	-13.00	Vertical	PASS
6	9471.245	-41.41	-13.00	Vertical	PASS

LTE Band 4 10MHz BW, Mid Channel, 16QAM

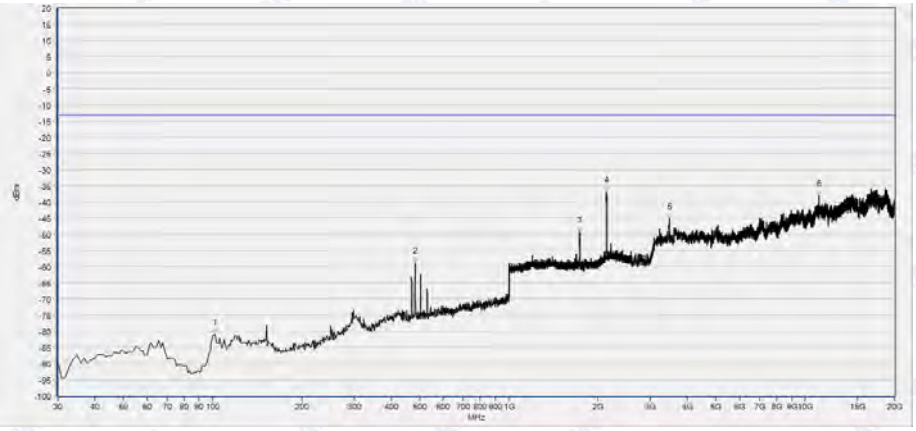


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	78.549	-75.81	-13.00	Horizontal	PASS
2	301.872	-73.28	-13.00	Horizontal	PASS
3	1730.765	-53.90	-13.00	Horizontal	PASS
4	2136.568	-31.11	-13.00	Horizontal	PASS
5	4940.690	-47.78	-13.00	Horizontal	PASS
6	9401.634	-40.29	-13.00	Horizontal	PASS

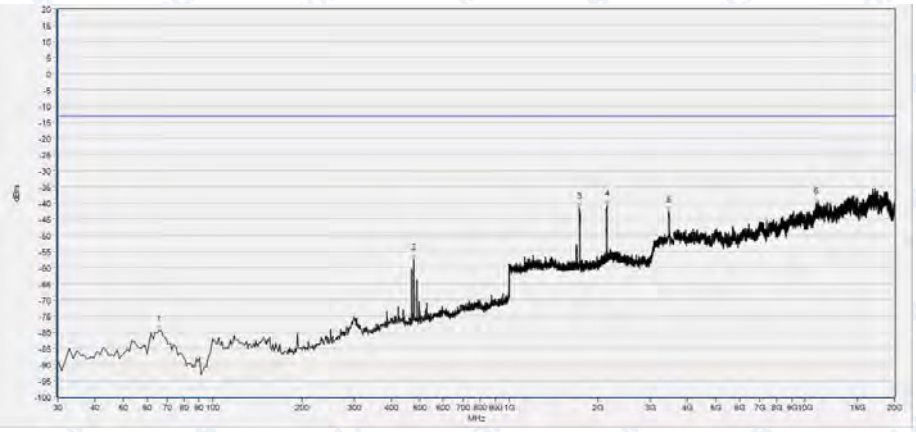


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	299.930	-72.04	-13.00	Vertical	PASS
2	431.011	-72.30	-13.00	Vertical	PASS
3	1730.765	-53.87	-13.00	Vertical	PASS
4	2136.568	-31.15	-13.00	Vertical	PASS
5	5068.311	-46.37	-13.00	Vertical	PASS
6	9485.748	-41.39	-13.00	Vertical	PASS

LTE Band 4 15MHz BW, Mid Channel, QPSK

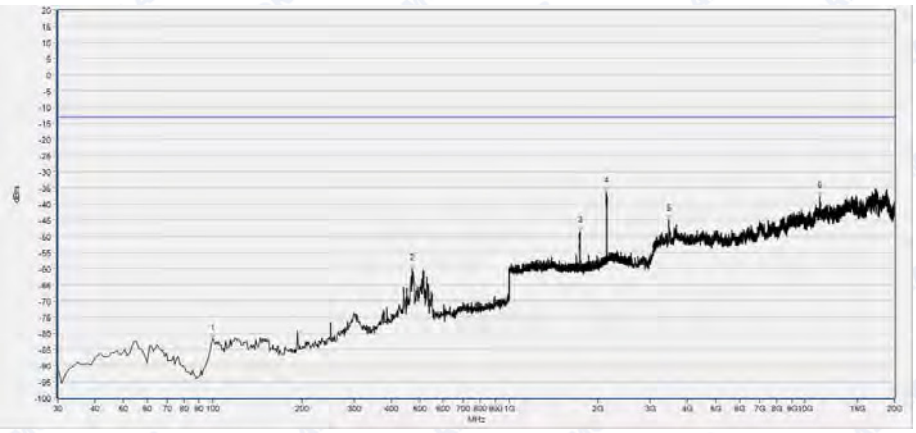


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	101.780	-80.95	-13.00	Horizontal	PASS
2	482.020	-58.77	-13.00	Horizontal	PASS
3	1730.532	-49.20	-13.00	Horizontal	PASS
4	2131.333	-36.92	-13.00	Horizontal	PASS
5	3473.322	-45.19	-13.00	Horizontal	PASS
6	11143.372	-38.14	-13.00	Horizontal	PASS

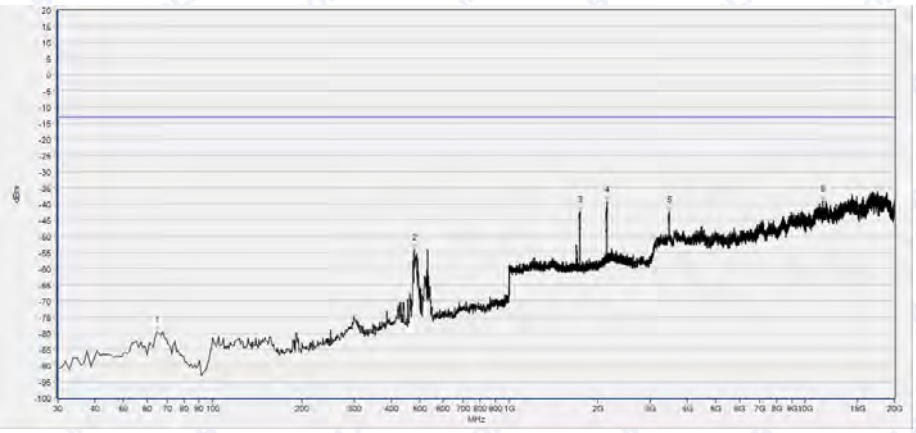


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	65.890	-79.62	-13.00	Vertical	PASS
2	477.170	-57.34	-13.00	Vertical	PASS
3	1731.813	-41.75	-13.00	Vertical	PASS
4	2138.375	-40.75	-13.00	Vertical	PASS
5	3457.501	-42.51	-13.00	Vertical	PASS
6	10839.607	-40.05	-13.00	Vertical	PASS

LTE Band 4 15MHz BW, Mid Channel, 16QAM

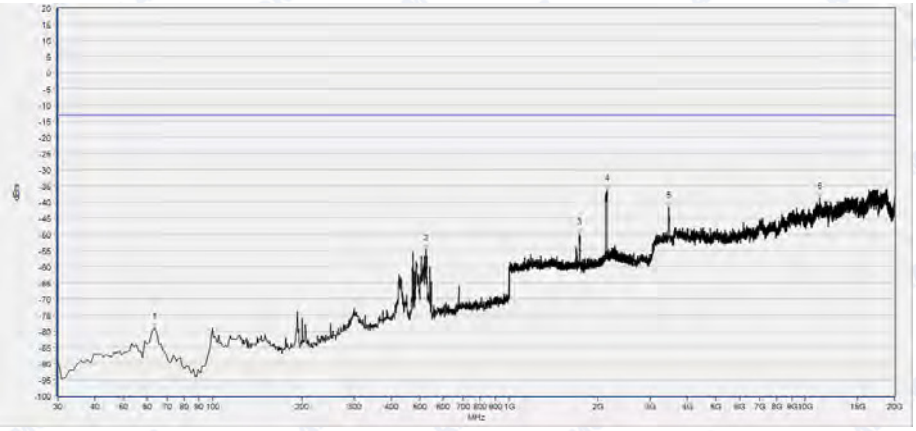


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	99.840	-81.87	-13.00	Horizontal	PASS
2	471.350	-60.16	-13.00	Horizontal	PASS
3	1733.093	-48.63	-13.00	Horizontal	PASS
4	2137.095	-36.32	-13.00	Horizontal	PASS
5	3466.994	-45.11	-13.00	Horizontal	PASS
6	11209.820	-37.85	-13.00	Horizontal	PASS

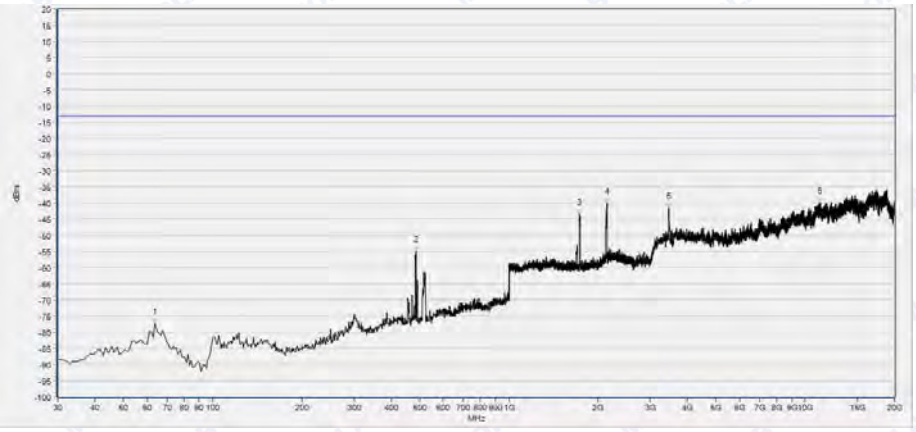


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	64.920	-79.53	-13.00	Vertical	PASS
2	479.110	-53.96	-13.00	Vertical	PASS
3	1733.093	-42.37	-13.00	Vertical	PASS
4	2139.016	-39.37	-13.00	Vertical	PASS
5	3473.322	-42.45	-13.00	Vertical	PASS
6	11450.300	-39.13	-13.00	Vertical	PASS

LTE Band 4 20MHz BW, Mid Channel, QPSK

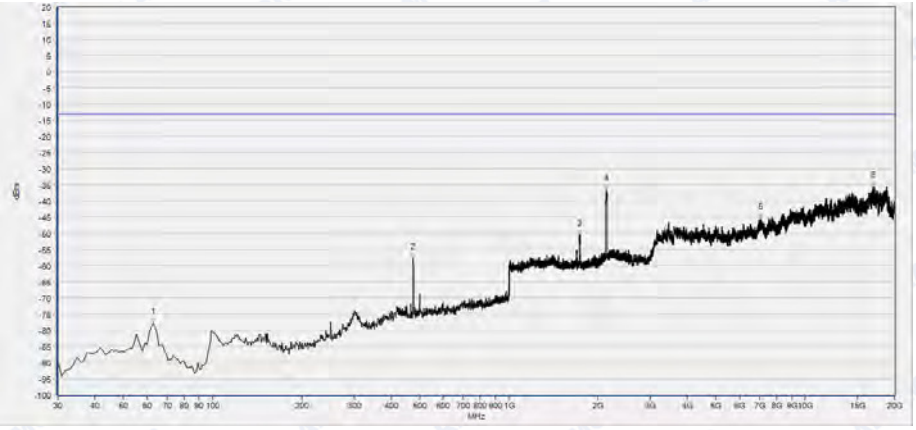


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	63.950	-79.13	-13.00	Horizontal	PASS
2	524.700	-54.87	-13.00	Horizontal	PASS
3	1731.813	-50.11	-13.00	Horizontal	PASS
4	2138.375	-36.42	-13.00	Horizontal	PASS
5	3463.830	-41.73	-13.00	Horizontal	PASS
6	11206.656	-38.83	-13.00	Horizontal	PASS

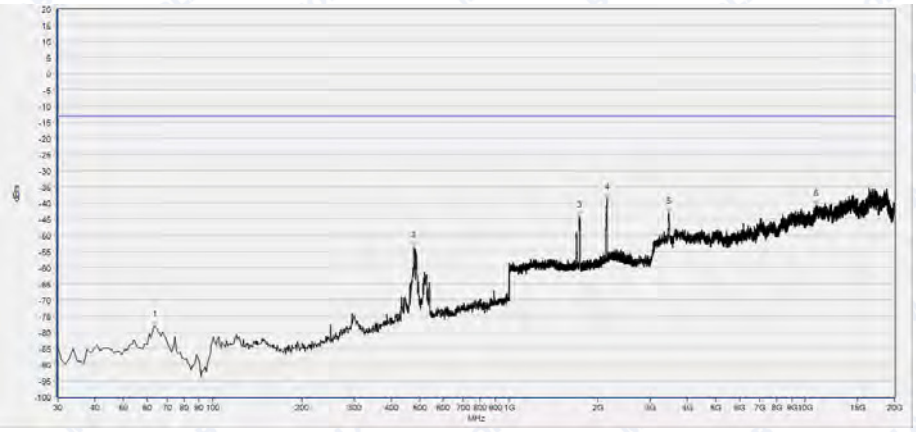


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	63.950	-77.44	-13.00	Vertical	PASS
2	485.900	-54.99	-13.00	Vertical	PASS
3	1731.813	-43.69	-13.00	Vertical	PASS
4	2141.577	-40.34	-13.00	Vertical	PASS
5	3466.994	-41.63	-13.00	Vertical	PASS
6	11200.327	-39.97	-13.00	Vertical	PASS

LTE Band 4 20MHz BW, Mid Channel, 16QAM

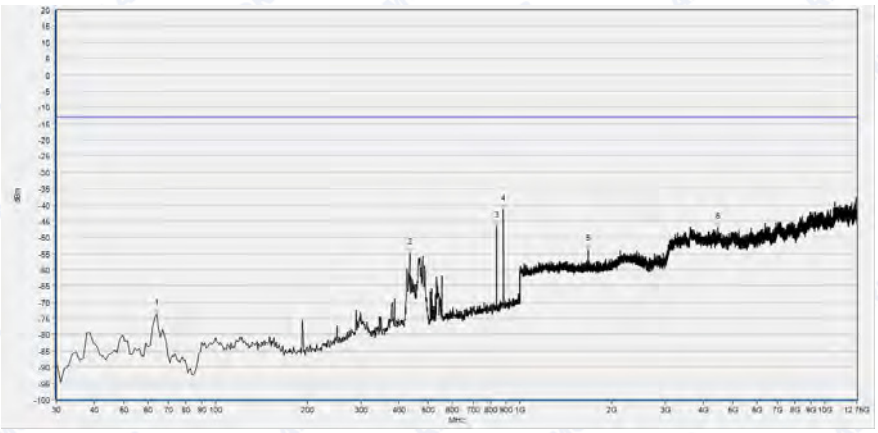


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	62.980	-77.90	-13.00	Horizontal	PASS
2	475.230	-57.90	-13.00	Horizontal	PASS
3	1730.532	-50.50	-13.00	Horizontal	PASS
4	2130.692	-36.68	-13.00	Horizontal	PASS
5	7061.538	-45.43	-13.00	Horizontal	PASS
6	16883.252	-35.66	-13.00	Horizontal	PASS

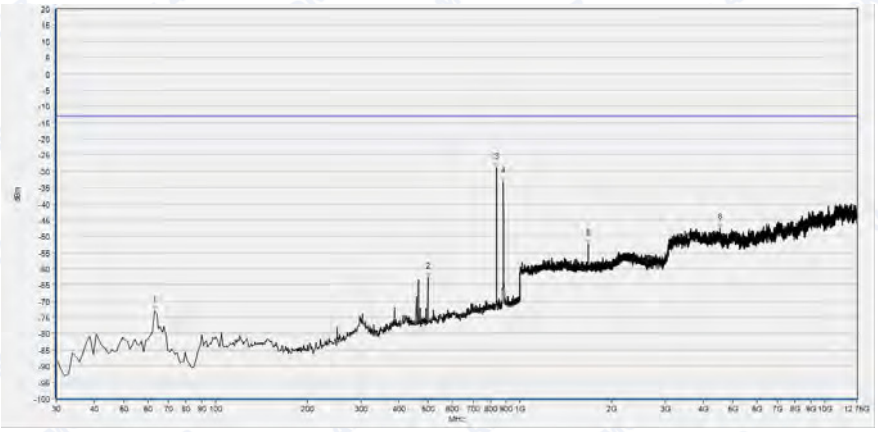


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	63.950	-78.08	-13.00	Vertical	PASS
2	478.140	-53.51	-13.00	Vertical	PASS
3	1731.813	-44.24	-13.00	Vertical	PASS
4	2139.016	-38.81	-13.00	Vertical	PASS
5	3466.994	-43.04	-13.00	Vertical	PASS
6	10826.950	-40.69	-13.00	Vertical	PASS

LTE Band 5 1.4MHz BW, Mid Channel, QPSK

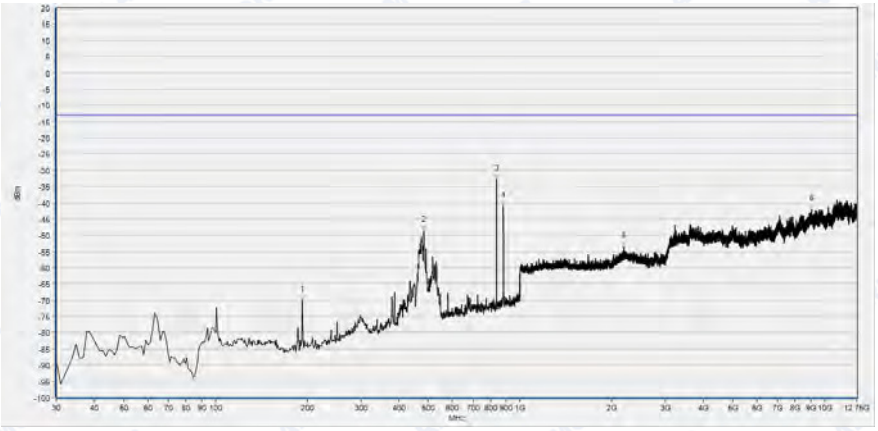


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	63.950	-73.67	-13.00	Horizontal	PASS
2	434.490	-54.77	-13.00	Horizontal	PASS
3	836.070	-46.64	-13.00	Horizontal	PASS
4	881.660	-41.36	-13.00	Horizontal	PASS
5	1672.269	-53.74	-13.00	Horizontal	PASS
6	4469.785	-46.99	-13.00	Horizontal	PASS

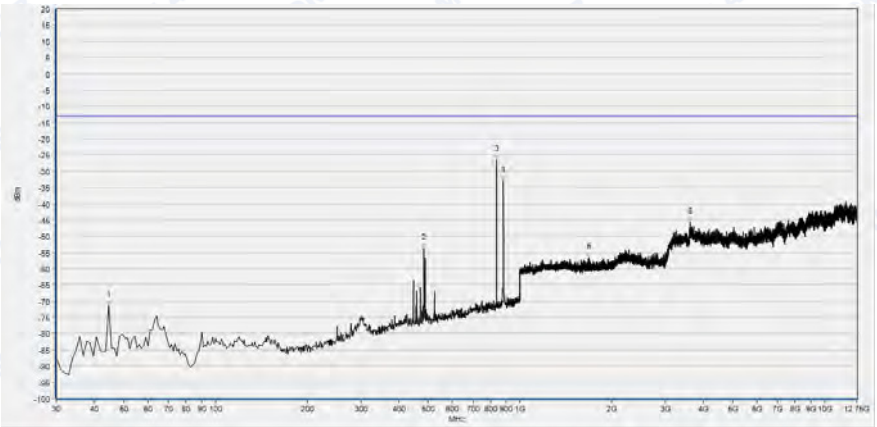


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	62.980	-72.98	-13.00	Vertical	PASS
2	498.510	-62.60	-13.00	Vertical	PASS
3	836.070	-28.92	-13.00	Vertical	PASS
4	880.690	-33.25	-13.00	Vertical	PASS
5	1672.909	-52.29	-13.00	Vertical	PASS
6	4536.234	-47.40	-13.00	Vertical	PASS

LTE Band 5 1.4MHz BW, Mid Channel, 16QAM

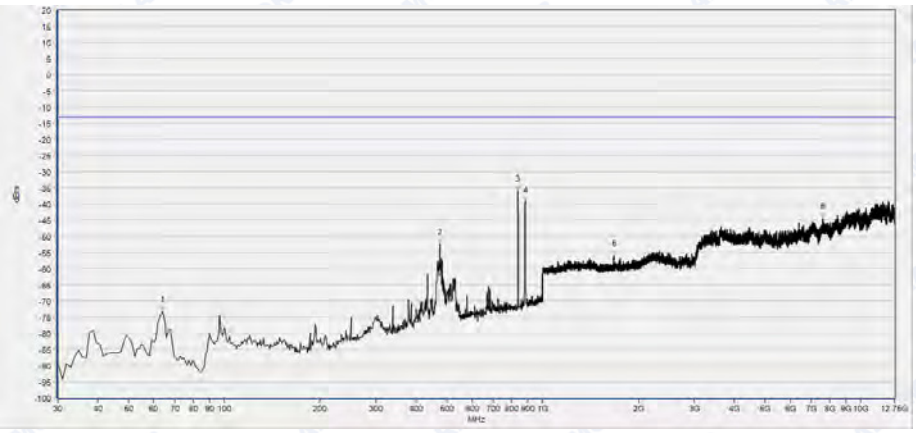


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	192.960	-70.03	-13.00	Horizontal	PASS
2	482.990	-48.63	-13.00	Horizontal	PASS
3	836.070	-32.67	-13.00	Horizontal	PASS
4	881.660	-41.10	-13.00	Horizontal	PASS
5	2188.315	-53.59	-13.00	Horizontal	PASS
6	9067.649	-42.05	-13.00	Horizontal	PASS

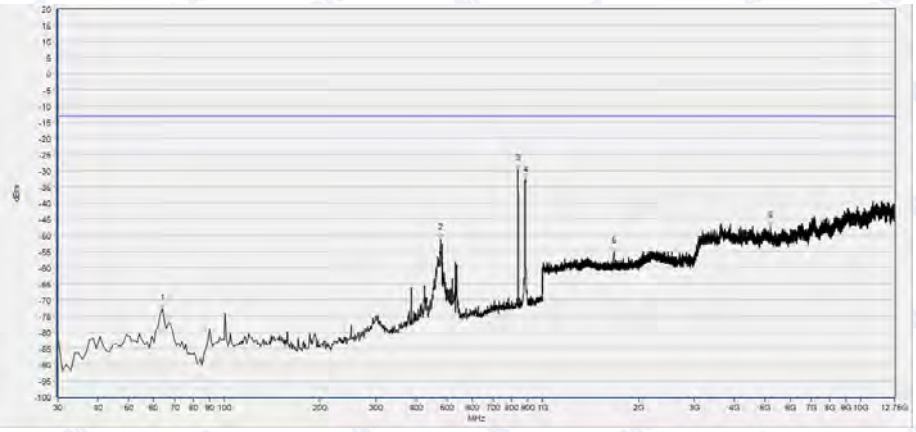


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	44.550	-71.39	-13.00	Vertical	PASS
2	482.990	-53.82	-13.00	Vertical	PASS
3	836.070	-26.41	-13.00	Vertical	PASS
4	881.660	-32.91	-13.00	Vertical	PASS
5	1685.074	-56.59	-13.00	Vertical	PASS
6	3622.568	-45.75	-13.00	Vertical	PASS

LTE Band 5 3MHz BW, Mid Channel, QPSK

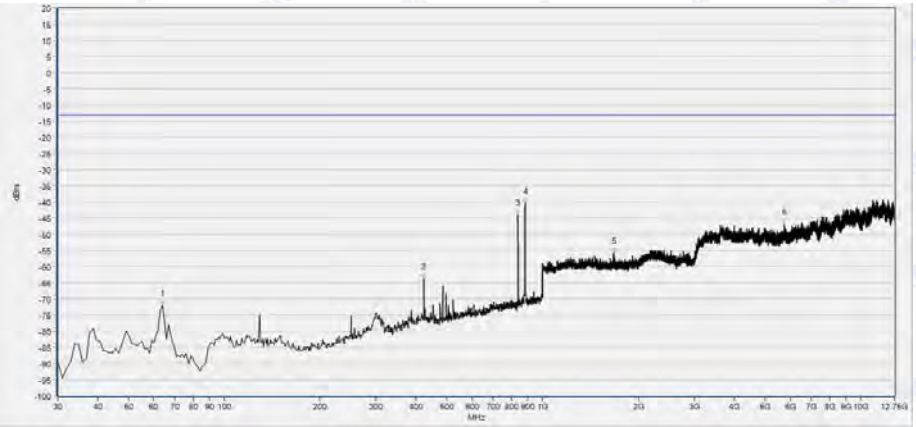


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	63.950	-73.42	-13.00	Horizontal	PASS
2	475.230	-52.42	-13.00	Horizontal	PASS
3	835.100	-35.98	-13.00	Horizontal	PASS
4	881.660	-39.16	-13.00	Horizontal	PASS
5	1672.909	-55.94	-13.00	Horizontal	PASS
6	7587.325	-44.56	-13.00	Horizontal	PASS

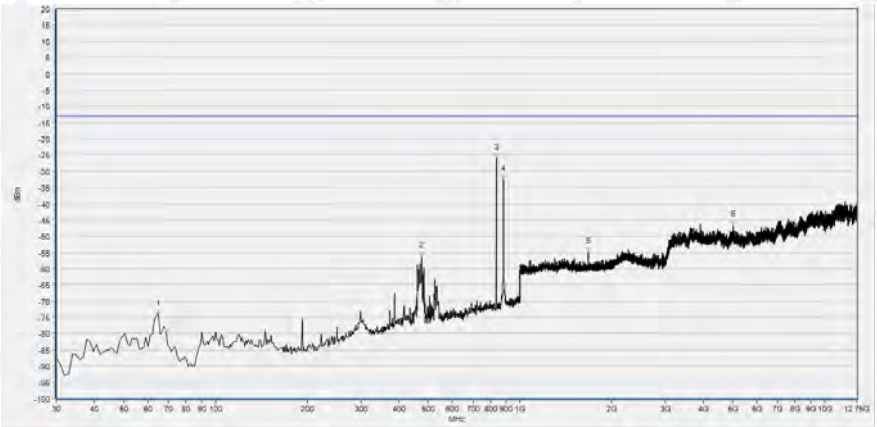


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	63.950	-72.76	-13.00	Vertical	PASS
2	478.140	-51.15	-13.00	Vertical	PASS
3	836.070	-29.78	-13.00	Vertical	PASS
4	882.630	-32.64	-13.00	Vertical	PASS
5	1673.549	-55.23	-13.00	Vertical	PASS
6	5211.793	-47.30	-13.00	Vertical	PASS

LTE Band 5 3MHz BW, Mid Channel, 16QAM

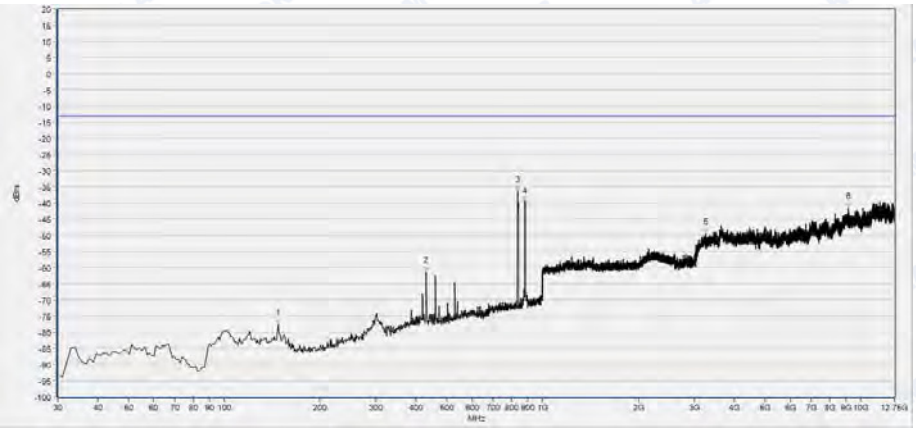


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	63.950	-72.25	-13.00	Horizontal	PASS
2	423.820	-63.88	-13.00	Horizontal	PASS
3	835.100	-44.06	-13.00	Horizontal	PASS
4	881.660	-40.49	-13.00	Horizontal	PASS
5	1672.909	-55.66	-13.00	Horizontal	PASS
6	5737.843	-47.01	-13.00	Horizontal	PASS

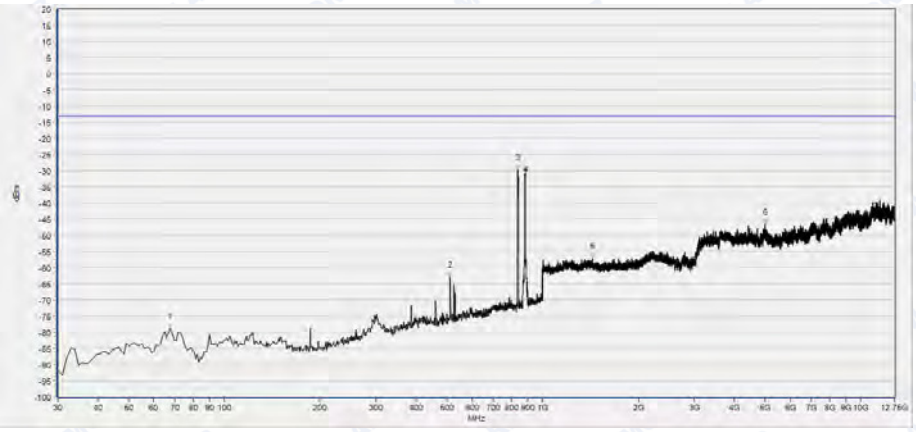


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	64.920	-74.00	-13.00	Vertical	PASS
2	476.200	-56.17	-13.00	Vertical	PASS
3	835.100	-26.00	-13.00	Vertical	PASS
4	881.660	-32.56	-13.00	Vertical	PASS
5	1671.629	-54.86	-13.00	Vertical	PASS
6	4995.836	-46.58	-13.00	Vertical	PASS

LTE Band 5 5MHz BW, Mid Channel, QPSK

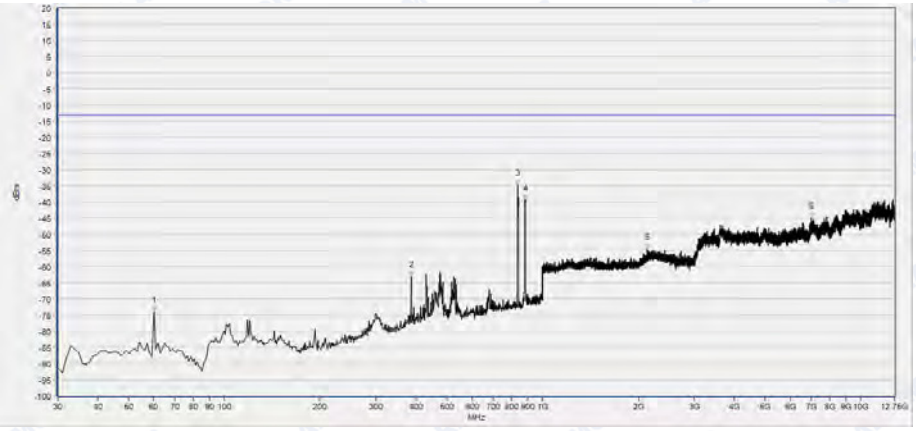


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	147.370	-77.52	-13.00	Horizontal	PASS
2	431.580	-61.38	-13.00	Horizontal	PASS
3	834.130	-36.52	-13.00	Horizontal	PASS
4	880.690	-39.55	-13.00	Horizontal	PASS
5	3255.256	-49.58	-13.00	Horizontal	PASS
6	9108.256	-41.71	-13.00	Horizontal	PASS

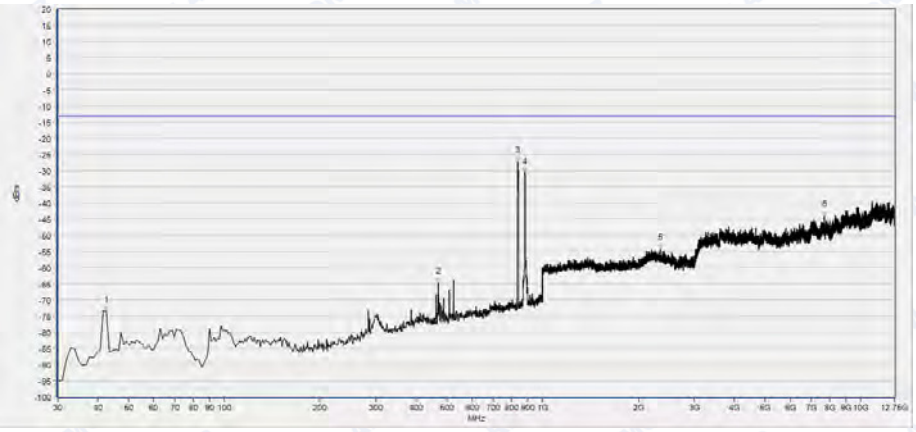


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	67.830	-78.85	-13.00	Vertical	PASS
2	513.060	-62.77	-13.00	Vertical	PASS
3	834.130	-29.66	-13.00	Vertical	PASS
4	882.630	-30.77	-13.00	Vertical	PASS
5	1431.533	-57.06	-13.00	Vertical	PASS
6	4995.836	-46.76	-13.00	Vertical	PASS

LTE Band 5 5MHz BW, Mid Channel, 16QAM

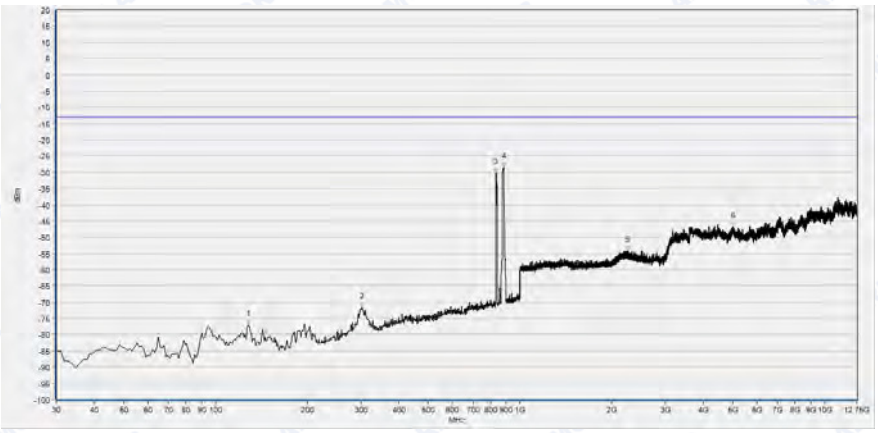


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	60.070	-74.10	-13.00	Horizontal	PASS
2	386.960	-63.03	-13.00	Horizontal	PASS
3	834.130	-34.72	-13.00	Horizontal	PASS
4	883.600	-39.45	-13.00	Horizontal	PASS
5	2131.333	-54.63	-13.00	Horizontal	PASS
6	6981.906	-45.06	-13.00	Horizontal	PASS

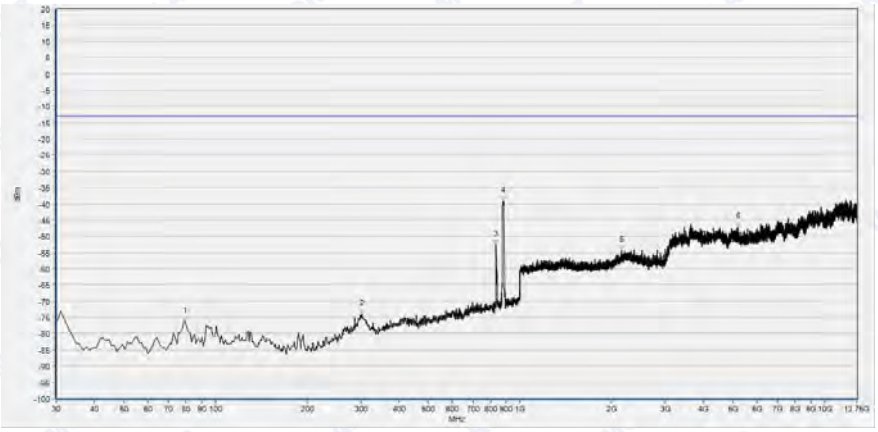


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	42.610	-73.61	-13.00	Vertical	PASS
2	469.410	-64.75	-13.00	Vertical	PASS
3	834.130	-27.48	-13.00	Vertical	PASS
4	879.720	-30.57	-13.00	Vertical	PASS
5	2338.776	-54.20	-13.00	Vertical	PASS
6	7696.227	-43.99	-13.00	Vertical	PASS

LTE Band 5 10MHz BW, Mid Channel, QPSK

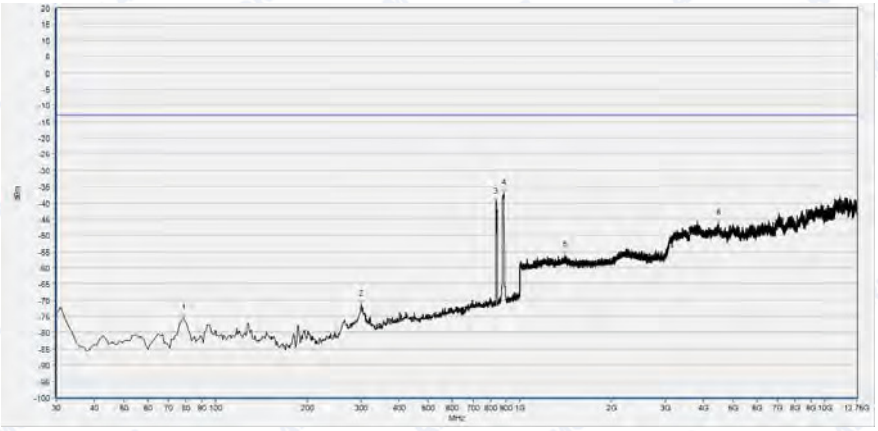


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	127.970	-77.09	-13.00	Horizontal	PASS
2	302.570	-71.59	-13.00	Horizontal	PASS
3	834.130	-30.30	-13.00	Horizontal	PASS
4	884.570	-28.51	-13.00	Horizontal	PASS
5	2254.902	-54.28	-13.00	Horizontal	PASS
6	5001.373	-46.85	-13.00	Horizontal	PASS

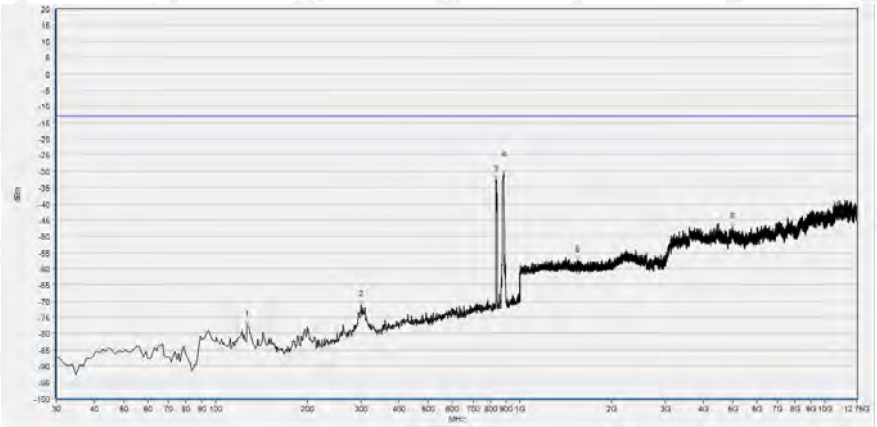


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	79.470	-76.26	-13.00	Vertical	PASS
2	302.570	-74.02	-13.00	Vertical	PASS
3	833.160	-52.66	-13.00	Vertical	PASS
4	879.720	-39.17	-13.00	Vertical	PASS
5	2150.540	-54.48	-13.00	Vertical	PASS
6	5200.718	-47.30	-13.00	Vertical	PASS

LTE Band 5 10MHz BW, Mid Channel, 16QAM

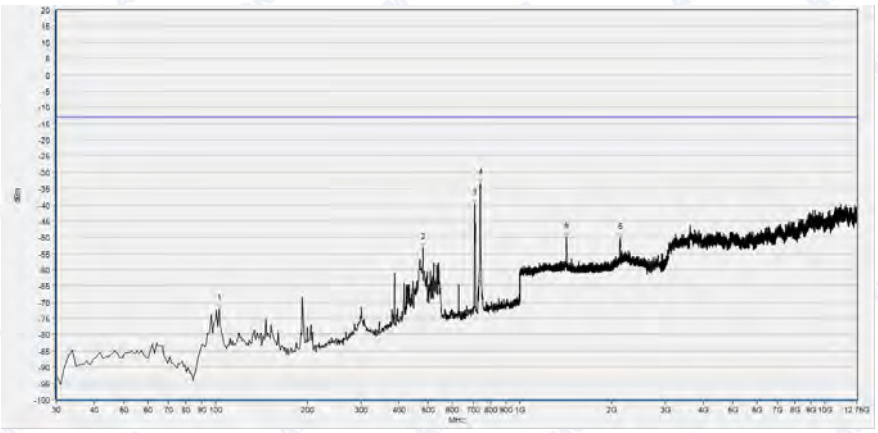


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	78.500	-75.55	-13.00	Horizontal	PASS
2	301.600	-71.38	-13.00	Horizontal	PASS
3	833.160	-39.82	-13.00	Horizontal	PASS
4	882.630	-37.27	-13.00	Horizontal	PASS
5	1400.800	-56.26	-13.00	Horizontal	PASS
6	4480.860	-46.34	-13.00	Horizontal	PASS

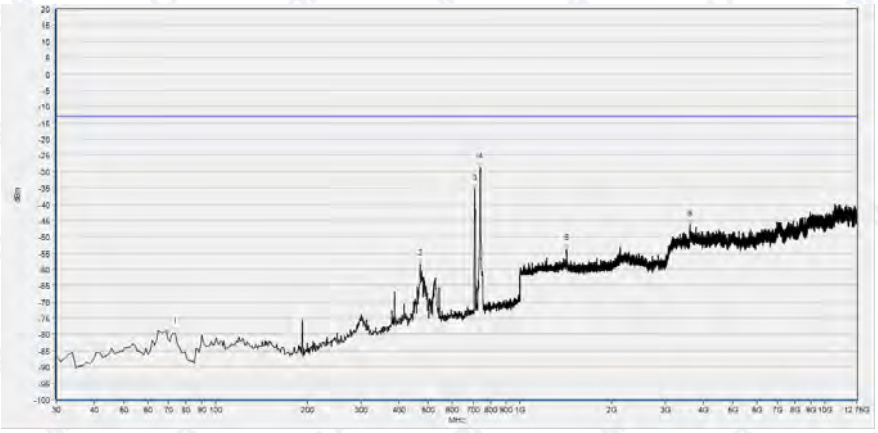


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	127.000	-77.38	-13.00	Vertical	PASS
2	300.630	-71.11	-13.00	Vertical	PASS
3	832.190	-32.44	-13.00	Vertical	PASS
4	884.570	-31.06	-13.00	Vertical	PASS
5	1541.016	-57.52	-13.00	Vertical	PASS
6	4971.840	-47.30	-13.00	Vertical	PASS

LTE Band 17 5MHz BW, Mid Channel, QPSK

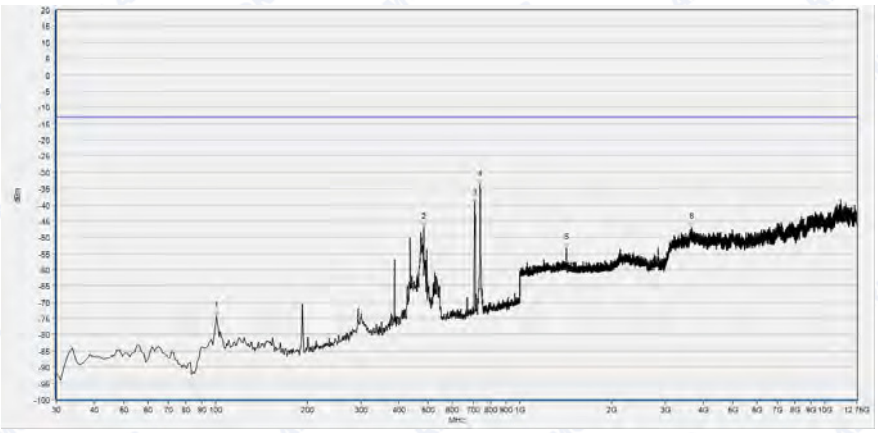


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	102.750	-72.11	-13.00	Horizontal	PASS
2	480.080	-53.20	-13.00	Horizontal	PASS
3	708.030	-39.76	-13.00	Horizontal	PASS
4	741.010	-33.45	-13.00	Horizontal	PASS
5	1421.929	-50.03	-13.00	Horizontal	PASS
6	2134.534	-50.16	-13.00	Horizontal	PASS

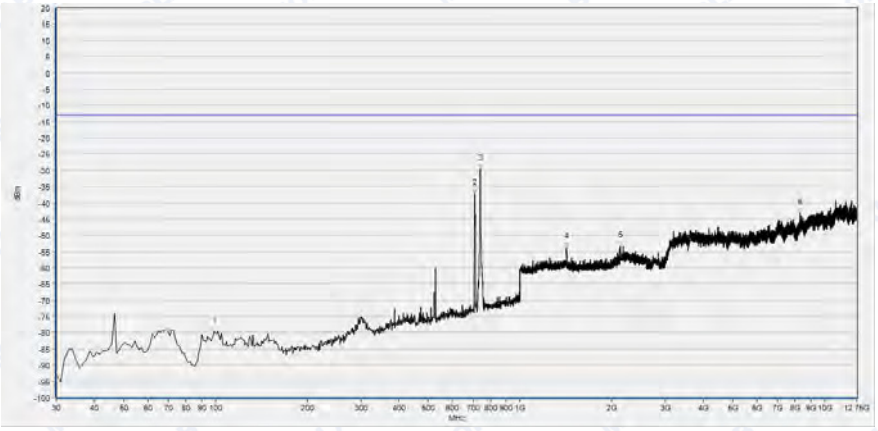


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	73.650	-79.32	-13.00	Vertical	PASS
2	469.410	-58.53	-13.00	Vertical	PASS
3	709.000	-35.50	-13.00	Vertical	PASS
4	741.980	-28.64	-13.00	Vertical	PASS
5	1421.929	-53.77	-13.00	Vertical	PASS
6	3607.801	-46.26	-13.00	Vertical	PASS

LTE Band 17 5MHz BW, Mid Channel, 16QAM

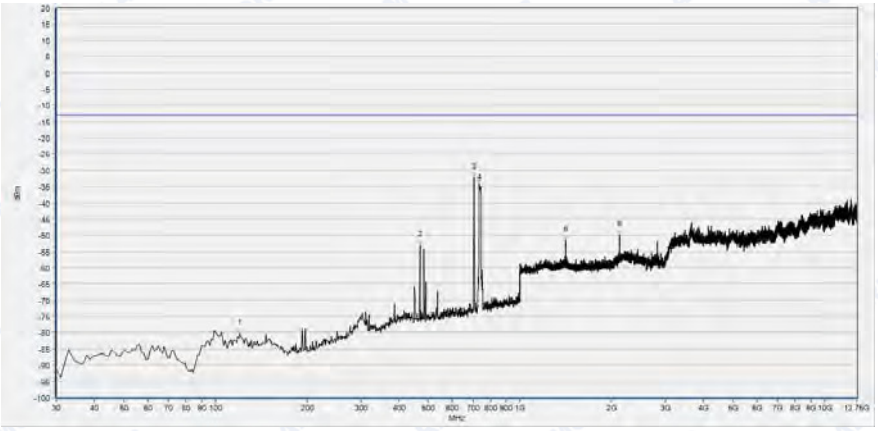


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	100.810	-74.39	-13.00	Horizontal	PASS
2	482.990	-47.11	-13.00	Horizontal	PASS
3	709.000	-39.70	-13.00	Horizontal	PASS
4	738.100	-33.83	-13.00	Horizontal	PASS
5	1420.008	-53.21	-13.00	Horizontal	PASS
6	3659.484	-47.00	-13.00	Horizontal	PASS

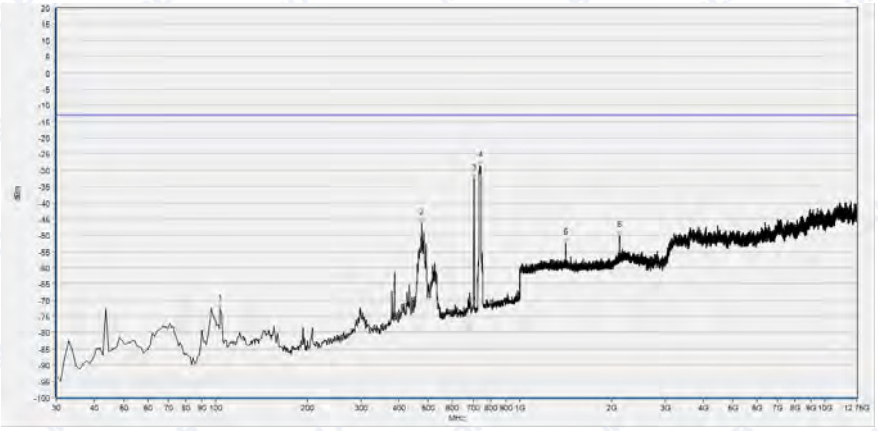


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	98.870	-79.76	-13.00	Vertical	PASS
2	708.030	-37.24	-13.00	Vertical	PASS
3	741.010	-29.51	-13.00	Vertical	PASS
4	1419.368	-53.77	-13.00	Vertical	PASS
5	2130.692	-53.33	-13.00	Vertical	PASS
6	8316.412	-43.25	-13.00	Vertical	PASS

LTE Band 17 10MHz BW, Mid Channel, QPSK

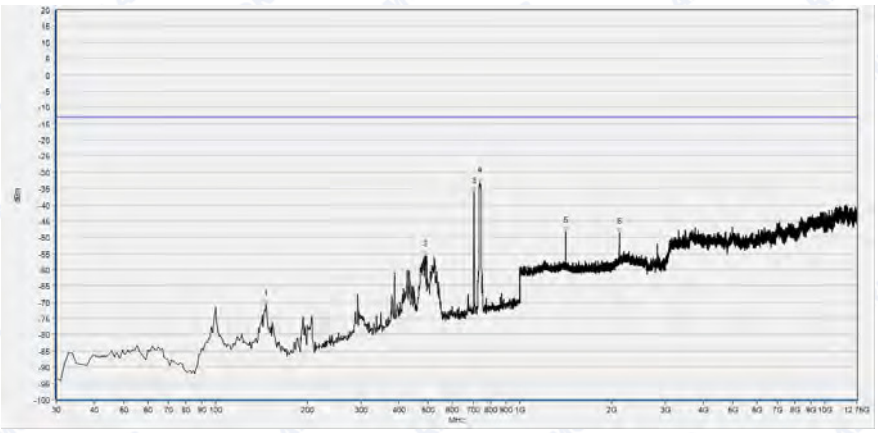


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	120.210	-80.26	-13.00	Horizontal	PASS
2	468.440	-52.99	-13.00	Horizontal	PASS
3	705.120	-32.36	-13.00	Horizontal	PASS
4	735.190	-34.36	-13.00	Horizontal	PASS
5	1411.044	-51.54	-13.00	Horizontal	PASS
6	2117.247	-50.04	-13.00	Horizontal	PASS

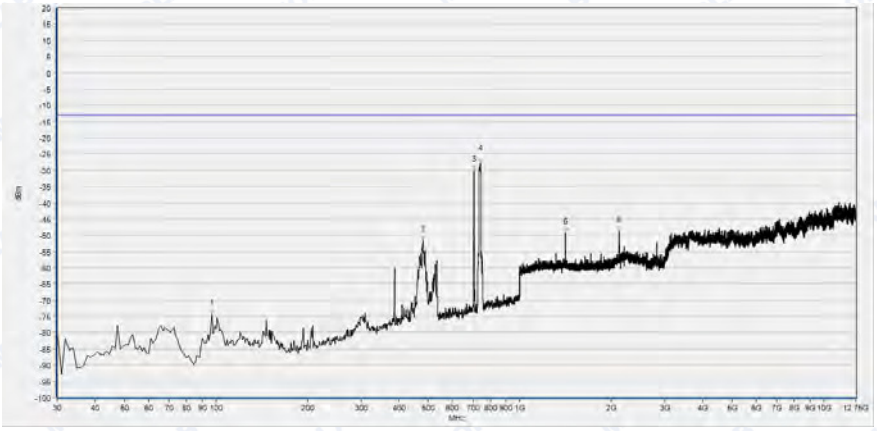


Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	103.720	-72.67	-13.00	Vertical	PASS
2	475.230	-46.29	-13.00	Vertical	PASS
3	705.120	-32.53	-13.00	Vertical	PASS
4	741.010	-28.69	-13.00	Vertical	PASS
5	1412.965	-52.45	-13.00	Vertical	PASS
6	2117.247	-50.26	-13.00	Vertical	PASS

LTE Band 17 10MHz BW, Mid Channel, 16QAM



Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	146.400	-70.63	-13.00	Horizontal	PASS
2	487.840	-55.47	-13.00	Horizontal	PASS
3	705.120	-36.08	-13.00	Horizontal	PASS
4	738.100	-33.16	-13.00	Horizontal	PASS
5	1411.044	-48.16	-13.00	Horizontal	PASS
6	2116.607	-48.66	-13.00	Horizontal	PASS



Num.	Fre. (MHz)	Peak	Limit(PK)	Antenna	Verdict
1	96.930	-74.41	-13.00	Vertical	PASS
2	480.080	-51.55	-13.00	Vertical	PASS
3	705.120	-30.00	-13.00	Vertical	PASS
4	740.040	-27.93	-13.00	Vertical	PASS
5	1412.965	-55.35	-13.00	Vertical	PASS
6	2117.247	-51.92	-13.00	Vertical	PASS

***** END OF REPORT *****