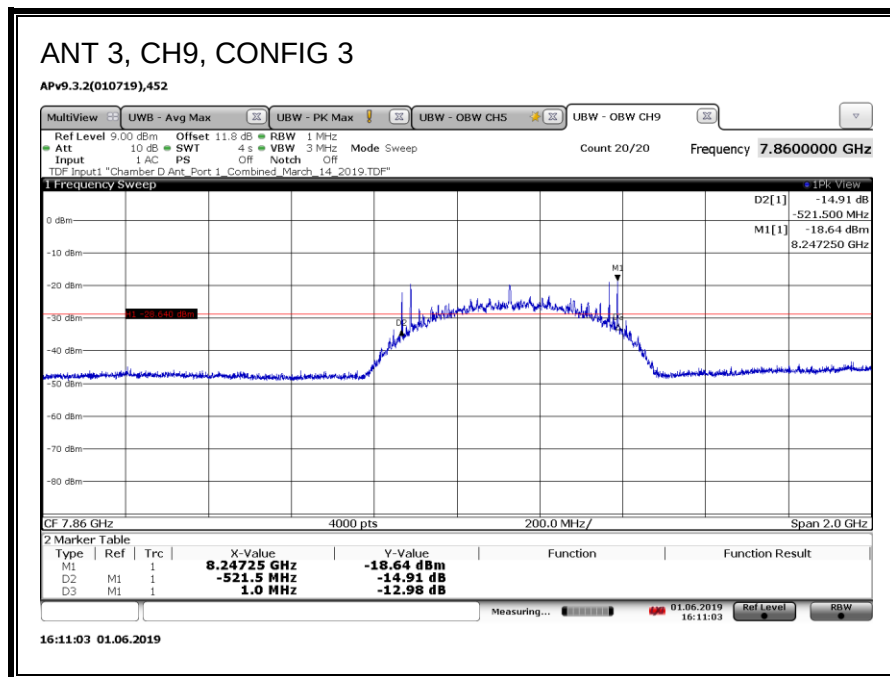
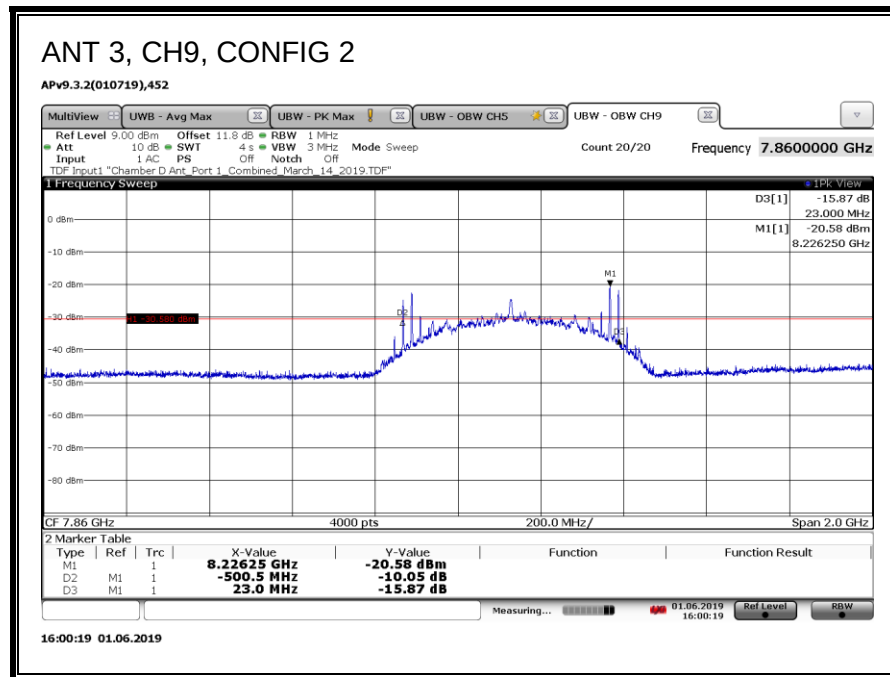
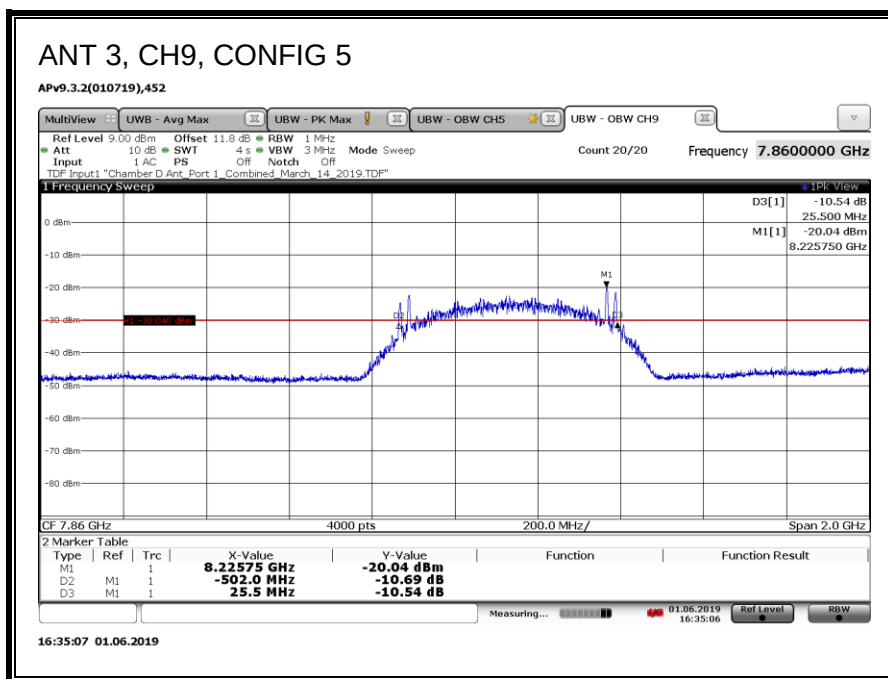
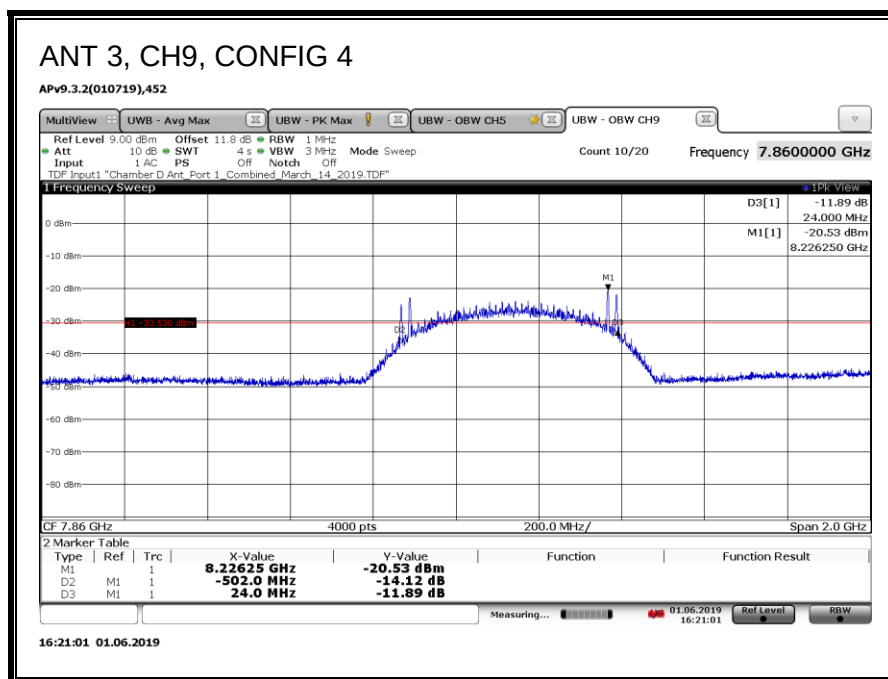






8.2. PEAK POWER AND MAXIMUM AVERAGE EMISSIONS

LIMIT

15.519 (3)(e) There is a limit on the peak level of the emissions contained within a 50 MHz bandwidth centered on the frequency at which the highest radiated emission occurs, f_M . That limit is 0 dBm EIRP.

15.519 (3)(c) The radiated emissions above 960 MHz from a device operating under the provisions of this section shall not exceed the following average limits when measured using a resolution bandwidth of 1 MHz:

Frequency in MHz	EIRP in dBm
3100 - 10600	-41.3

TEST PROCEDURE

ANSI C63.10 Clause 10.3.

Peak EIPR power is measured using RBW of 50 MHz.

The radiated emissions of 6 – 9 GHz frequency band are performed at 3 meter test distance.

RESULTS

ANT	CH	CONFIG	Payload	EUT Orientation	Meas. Ant. Polarity	Peak EIRP Power				Average EIRP Power			
						FM (GHz)	Peak Power (dBm/50MHz)	Peak Limit (dBm/50 MHz)	Margin (dB)	FM (GHz)	Avg Power (dBm/MHz)	Avg Limit (dBm/MHz)	Margin (dB)
0	5	0	125	Portrait	H	6.4845	-2.81	0	-2.81	6.4655	-41.53	-41.3	-0.23
0	5	1	125	Portrait	H	6.4885	-2.18	0	-2.18	6.4555	-41.78	-41.3	-0.48
0	5	2	125	Portrait	H	6.4975	-6.22	0	-6.22	6.4575	-41.73	-41.3	-0.43
0	5	3	125	Portrait	H	6.4895	-6.12	0	-6.12	6.4565	-41.8	-41.3	-0.5
0	5	4	0	Portrait	H	6.7435	-7.34	0	-7.34	6.4555	-41.68	-41.3	-0.38
0	5	5	0	Portrait	H	6.7455	-5.9	0	-5.9	6.4555	-41.52	-41.3	-0.22
0	9	0	125	Portrait	H	7.9825	-3.13	0	-3.13	8.0305	-41.83	-41.3	-0.53
0	9	1	125	Portrait	H	7.9775	-2.17	0	-2.17	8.0875	-41.53	-41.3	-0.23
0	9	2	125	Portrait	H	7.9885	-5.8	0	-5.8	8.0325	-41.8	-41.3	-0.5
0	9	3	125	Portrait	H	7.9835	-5.99	0	-5.99	8.0285	-41.8	-41.3	-0.5
0	9	4	0	Portrait	H	8.2385	-7.32	0	-7.32	8.0295	-41.83	-41.3	-0.53
0	9	5	0	Portrait	H	8.2355	-5.68	0	-5.68	8.0285	-41.75	-41.3	-0.45
1	5	0	125	Portrait	H	6.4885	-3.48	0	-3.48	5.5615	-41.72	-41.3	-0.42
1	5	1	125	Portrait	H	6.4885	-2.14	0	-2.14	5.5615	-41.44	-41.3	-0.14
1	5	2	125	Portrait	H	6.4875	-6.33	0	-6.33	6.6165	-41.47	-41.3	-0.17
1	5	3	125	Portrait	H	6.4855	-6.06	0	-6.06	6.6135	-41.68	-41.3	-0.38
1	5	4	0	Portrait	H	6.7405	-5.57	0	-5.57	6.5605	-41.6	-41.3	-0.3
1	5	5	0	Portrait	H	6.7405	-4.76	0	-4.76	6.6195	-41.88	-41.3	-0.58
1	9	0	125	Portrait	H	7.9745	-2.45	0	-2.45	8.0315	-41.69	-41.3	-0.39
1	9	1	125	Portrait	H	7.9915	-1.64	0	-1.64	8.0115	-41.51	-41.3	-0.21
1	9	2	125	Portrait	H	7.9835	-5.52	0	-5.52	8.0085	-41.61	-41.3	-0.31
1	9	3	125	Portrait	H	7.9895	-4.85	0	-4.85	8.0255	-41.49	-41.3	-0.19
1	9	4	0	Portrait	H	8.2375	-5.58	0	-5.58	8.0295	-41.65	-41.3	-0.35
1	9	5	0	Portrait	H	8.2355	-3.97	0	-3.97	8.0285	-41.56	-41.3	-0.26
2	5	0	125	Flatbed	H	6.4905	-2.92	0	-2.92	6.3525	-41.55	-41.3	-0.25
2	5	1	125	Flatbed	H	6.4875	-2.35	0	-2.35	6.3525	-41.6	-41.3	-0.3
2	5	2	125	Flatbed	H	6.4895	-6.59	0	-6.59	6.3535	-41.86	-41.3	-0.56
2	5	3	125	Flatbed	H	6.4875	-6.11	0	-6.11	6.3515	-41.67	-41.3	-0.37
2	5	4	0	Flatbed	H	6.2455	-3.51	0	-3.51	6.3565	-41.41	-41.3	-0.11
2	5	5	0	Flatbed	H	6.2465	-2.88	0	-2.88	6.3555	-42.4	-41.3	-1.1
2	9	0	125	Landscape	H	7.9855	-2.42	0	-2.42	7.8715	-41.67	-41.3	-0.37
2	9	1	125	Landscape	H	7.9855	-1.06	0	-1.06	7.8745	-41.32	-41.3	-0.02
2	9	2	125	Landscape	H	7.9895	-4.98	0	-4.98	7.8735	-41.37	-41.3	-0.07
2	9	3	125	Landscape	H	7.9915	-5.66	0	-5.66	7.8705	-41.65	-41.3	-0.35
2	9	4	0	Landscape	H	7.7395	-4.81	0	-4.81	7.9165	-41.79	-41.3	-0.49
2	9	5	0	Landscape	H	7.7455	-3.07	0	-3.07	7.8675	-41.64	-41.3	-0.34
3	5	0	125	Portrait	H	6.4845	-3.62	0	-3.62	6.4555	-41.74	-41.3	-0.44
3	5	1	125	Portrait	H	6.4875	-2.79	0	-2.79	6.4555	-41.56	-41.3	-0.26
3	5	2	125	Portrait	H	6.4925	-6.2	0	-6.2	6.4575	-41.47	-41.3	-0.17
3	5	3	125	Portrait	H	6.4885	-6.32	0	-6.32	6.4585	-41.85	-41.3	-0.55
3	5	4	0	Portrait	H	6.4885	-8.63	0	-8.63	6.4555	-41.91	-41.3	-0.61
3	5	5	0	Portrait	H	6.4245	-6.61	0	-6.61	6.4555	-41.72	-41.3	-0.42
3	9	0	125	Portrait	H	7.9895	-2.37	0	-2.37	8.0265	-41.72	-41.3	-0.42
3	9	1	125	Portrait	H	7.9875	-1.48	0	-1.48	8.0265	-41.62	-41.3	-0.32
3	9	2	125	Portrait	H	7.9935	-5.26	0	-5.26	8.0285	-41.62	-41.3	-0.32
3	9	3	125	Portrait	H	7.9875	-5.1	0	-5.1	8.0255	-41.45	-41.3	-0.15
3	9	4	0	Portrait	H	8.2355	-6.98	0	-6.98	8.0295	-41.86	-41.3	-0.56
3	9	5	0	Portrait	H	8.2335	-4.44	0	-4.44	8.0285	-41.34	-41.3	-0.04

RESULTS

