



1.13 11G_Ant1_2417





1.14 11G_Ant2_2417





1.15 11G_Ant1_2437





1.16 11G_Ant2_2437





1.17 11G_Ant1_2457





1.18 11G_Ant2_2457





1.19 11G_Ant1_2462





1.20 11G_Ant2_2462





1.21 11N20SISO_Ant1_2412





1.22 11N20SISO_Ant2_2412





1.23 11N20SISO_Ant1_2417





1.24 11N20SISO_Ant2_2417





1.25 11N20SISO_Ant1_2437





1.26 11N20SISO_Ant2_2437





1.27 11N20SISO_Ant1_2457





1.28 11N20SISO_Ant2_2457





1.29 11N20SISO_Ant1_2462





1.30 11N20SISO_Ant2_2462





1.31 11N40SISO_Ant1_2422





1.32 11N40SISO_Ant2_2422





1.33 11N40SISO_Ant1_2427





1.34 11N40SISO_Ant2_2427





1.35 11N40SISO_Ant1_2437





1.36 11N40SISO_Ant2_2437





1.37 11N40SISO_Ant1_2447





1.38 11N40SISO_Ant2_2447





1.39 11N40SISO_Ant1_2452





1.40 11N40SISO_Ant2_2452





1.41 11N20MIMO_Ant1_2412





1.42 11N20MIMO_Ant2_2412





1.43 11N20MIMO_Ant1_2417





1.44 11N20MIMO_Ant2_2417





1.45 11N20MIMO_Ant1_2437





1.46 11N20MIMO_Ant2_2437





1.47 11N20MIMO_Ant1_2457





1.48 11N20MIMO_Ant2_2457





1.49 11N20MIMO_Ant1_2462





1.50 11N20MIMO_Ant2_2462





1.51 11N40MIMO_Ant1_2422





1.52 11N40MIMO_Ant2_2422





1.53 11N40MIMO_Ant1_2427





1.54 11N40MIMO_Ant2_2427





1.55 11N40MIMO_Ant1_2437





1.56 11N40MIMO_Ant2_2437





1.57 11N40MIMO_Ant1_2447



1.58 11N40MIMO_Ant2_2447





1.59 11N40MIMO_Ant1_2452





1.60 11N40MIMO_Ant2_2452





Appendix D: Maximum Average Output Power

Part I - Test Results

Test Mode	Antenna	Channel	Conducted Result[dBm]	Conducted Limit[dBm]	EIRP Result[dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	14.94	30	15.44	36	PASS
11B	Ant2	2412	15.02	30	16.52	36	PASS
11B	Ant1	2417	15.84	30	16.34	36	PASS
11B	Ant2	2417	16.06	30	17.56	36	PASS
11B	Ant1	2437	15.69	30	16.19	36	PASS
11B	Ant2	2437	16.1	30	17.6	36	PASS
11B	Ant1	2457	15.97	30	16.47	36	PASS
11B	Ant2	2457	16.13	30	17.63	36	PASS
11B	Ant1	2462	13.98	30	14.48	36	PASS
11B	Ant2	2462	14.22	30	15.72	36	PASS
11G	Ant1	2412	14.91	30	15.41	36	PASS
11G	Ant2	2412	14.99	30	16.49	36	PASS
11G	Ant1	2417	15.8	30	16.3	36	PASS
11G	Ant2	2417	15.94	30	17.44	36	PASS
11G	Ant1	2437	15.64	30	16.14	36	PASS
11G	Ant2	2437	15.93	30	17.43	36	PASS
11G	Ant1	2457	15.94	30	16.44	36	PASS
11G	Ant2	2457	16.05	30	17.55	36	PASS
11G	Ant1	2462	14.01	30	14.51	36	PASS
11G	Ant2	2462	14.16	30	15.66	36	PASS
11N20SISO	Ant1	2412	14.88	30	15.38	36	PASS
11N20SISO	Ant2	2412	14.95	30	16.45	36	PASS
11N20SISO	Ant1	2417	15.74	30	16.24	36	PASS
11N20SISO	Ant2	2417	15.92	30	17.42	36	PASS
11N20SISO	Ant1	2437	15.6	30	16.1	36	PASS
11N20SISO	Ant2	2437	15.91	30	17.41	36	PASS
11N20SISO	Ant1	2457	15.93	30	16.43	36	PASS
11N20SISO	Ant2	2457	16.01	30	17.51	36	PASS
11N20SISO	Ant1	2462	13.92	30	14.42	36	PASS
11N20SISO	Ant2	2462	14.05	30	15.55	36	PASS
11N20MIMO	Ant1	2412	11.79	30	12.29	36	PASS
11N20MIMO	Ant2	2412	11.89	30	13.39	36	PASS
11N20MIMO	SUM	2412	14.85	30	15.89	36	PASS
11N20MIMO	Ant1	2417	12.71	30	13.21	36	PASS
11N20MIMO	Ant2	2417	12.98	30	14.48	36	PASS
11N20MIMO	SUM	2417	15.86	30	16.90	36	PASS
11N20MIMO	Ant1	2437	12.51	30	13.01	36	PASS
11N20MIMO	Ant2	2437	12.96	30	14.46	36	PASS
11N20MIMO	SUM	2437	15.75	30	16.81	36	PASS
11N20MIMO	Ant1	2457	12.91	30	13.41	36	PASS



11N20MIMO	Ant2	2457	13.04	30	14.54	36	PASS
11N20MIMO	SUM	2457	15.99	30	17.02	36	PASS
11N20MIMO	Ant1	2462	10.82	30	11.32	36	PASS
11N20MIMO	Ant2	2462	11.02	30	12.52	36	PASS
11N20MIMO	SUM	2462	13.93	30	14.97	36	PASS
11N40SISO	Ant1	2422	11.83	30	12.33	36	PASS
11N40SISO	Ant2	2422	12.01	30	13.51	36	PASS
11N40SISO	Ant1	2427	13.76	30	14.26	36	PASS
11N40SISO	Ant2	2427	14.01	30	15.51	36	PASS
11N40SISO	Ant1	2437	13.93	30	14.43	36	PASS
11N40SISO	Ant2	2437	14.1	30	15.6	36	PASS
11N40SISO	Ant1	2447	13.84	30	14.34	36	PASS
11N40SISO	Ant2	2447	14.14	30	15.64	36	PASS
11N40SISO	Ant1	2452	11.9	30	12.4	36	PASS
11N40SISO	Ant2	2452	12.14	30	13.64	36	PASS
11N40MIMO	Ant1	2422	9.02	30	9.52	36	PASS
11N40MIMO	Ant2	2422	8.9	30	10.4	36	PASS
11N40MIMO	SUM	2422	11.97	30	12.99	36	PASS
11N40MIMO	Ant1	2427	10.59	30	11.09	36	PASS
11N40MIMO	Ant2	2427	10.96	30	12.46	36	PASS
11N40MIMO	SUM	2427	13.79	30	14.84	36	PASS
11N40MIMO	Ant1	2437	10.71	30	11.21	36	PASS
11N40MIMO	Ant2	2437	11.04	30	12.54	36	PASS
11N40MIMO	SUM	2437	13.89	30	14.94	36	PASS
11N40MIMO	Ant1	2447	10.59	30	11.09	36	PASS
11N40MIMO	Ant2	2447	11.13	30	12.63	36	PASS
11N40MIMO	SUM	2447	13.88	30	14.94	36	PASS
11N40MIMO	Ant1	2452	9.12	30	9.62	36	PASS
11N40MIMO	Ant2	2452	9.01	30	10.51	36	PASS
11N40MIMO	SUM	2452	12.08	30	13.10	36	PASS

Note: The Duty Cycle Factor is compensated in the graph.



Part II - Test Graphs

1.1 11B_Ant1_2412





1.2 11B_Ant2_2412





1.3 11B_Ant1_2417





1.4 11B_Ant2_2417





1.5 11B_Ant1_2437





1.6 11B_Ant2_2437





1.7 11B_Ant1_2457





1.8 11B_Ant2_2457





1.9 11B_Ant1_2462





1.10 11B_Ant2_2462





1.11 11G_Ant1_2412





1.12 11G_Ant2_2412



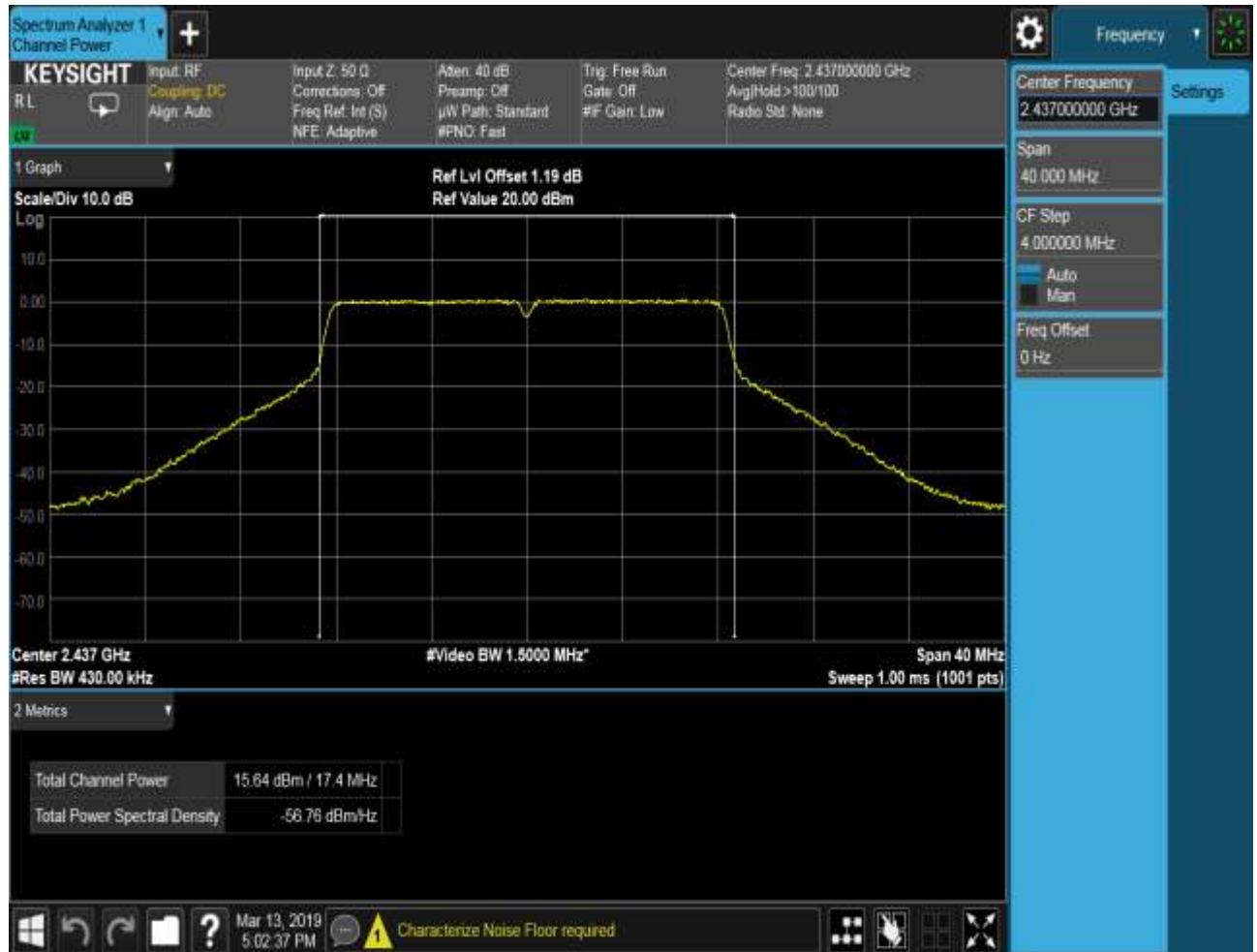


1.14 11G_Ant2_2417





1.15 11G_Ant1_2437





1.16 11G_Ant2_2437





1.17 11G_Ant1_2457





1.18 11G_Ant2_2457



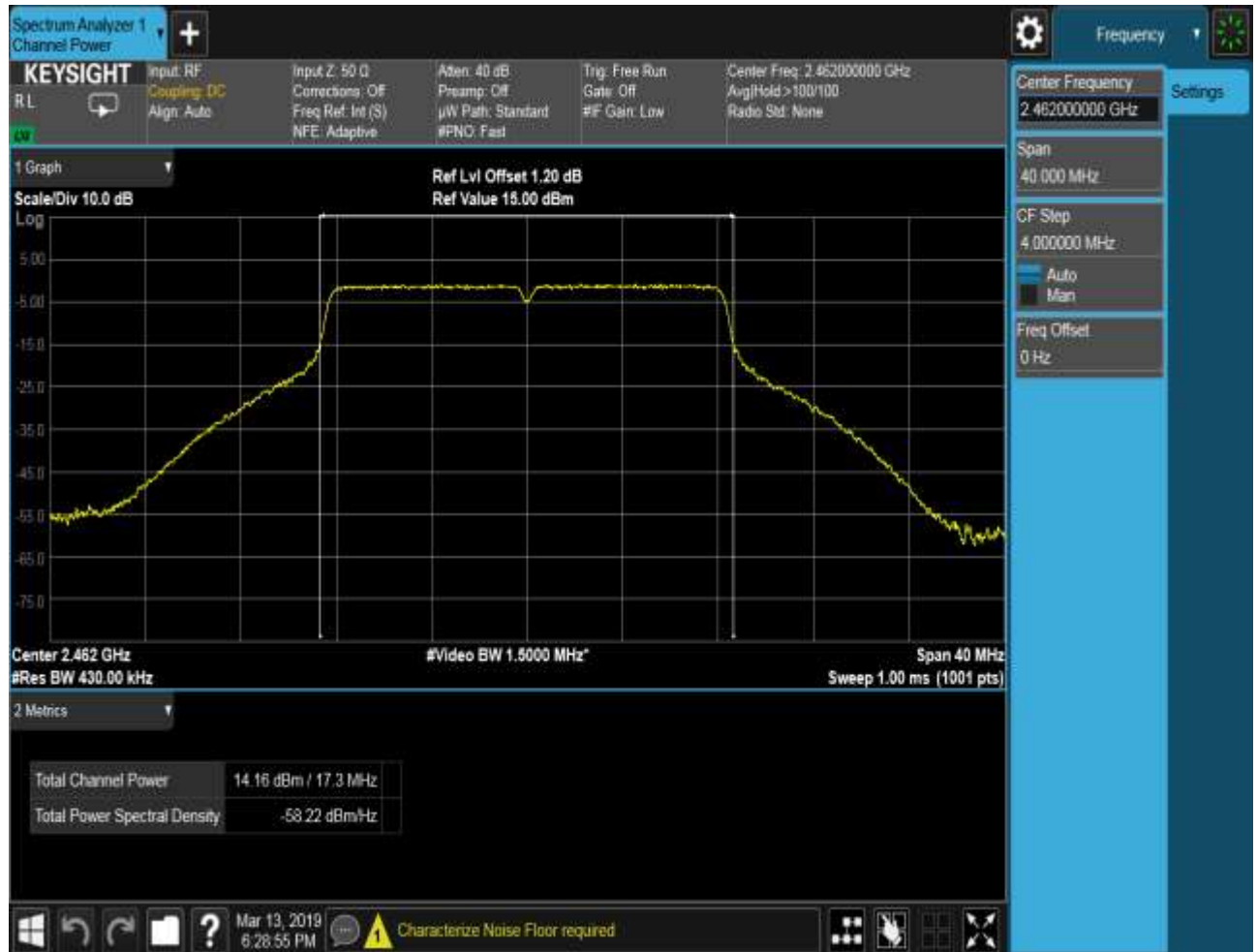


1.19 11G_Ant1_2462





1.20 11G_Ant2_2462





1.21 11N20SISO_Ant1_2412





1.22 11N20SISO_Ant2_2412





1.23 11N20SISO_Ant1_2417





1.24 11N20SISO_Ant2_2417





1.25 11N20SISO_Ant1_2437





1.26 11N20SISO_Ant2_2437





1.27 11N20SISO_Ant1_2457





1.28 11N20SISO_Ant2_2457





1.29 11N20SISO_Ant1_2462





1.30 11N20SISO_Ant2_2462





1.31 11N40SISO_Ant1_2422



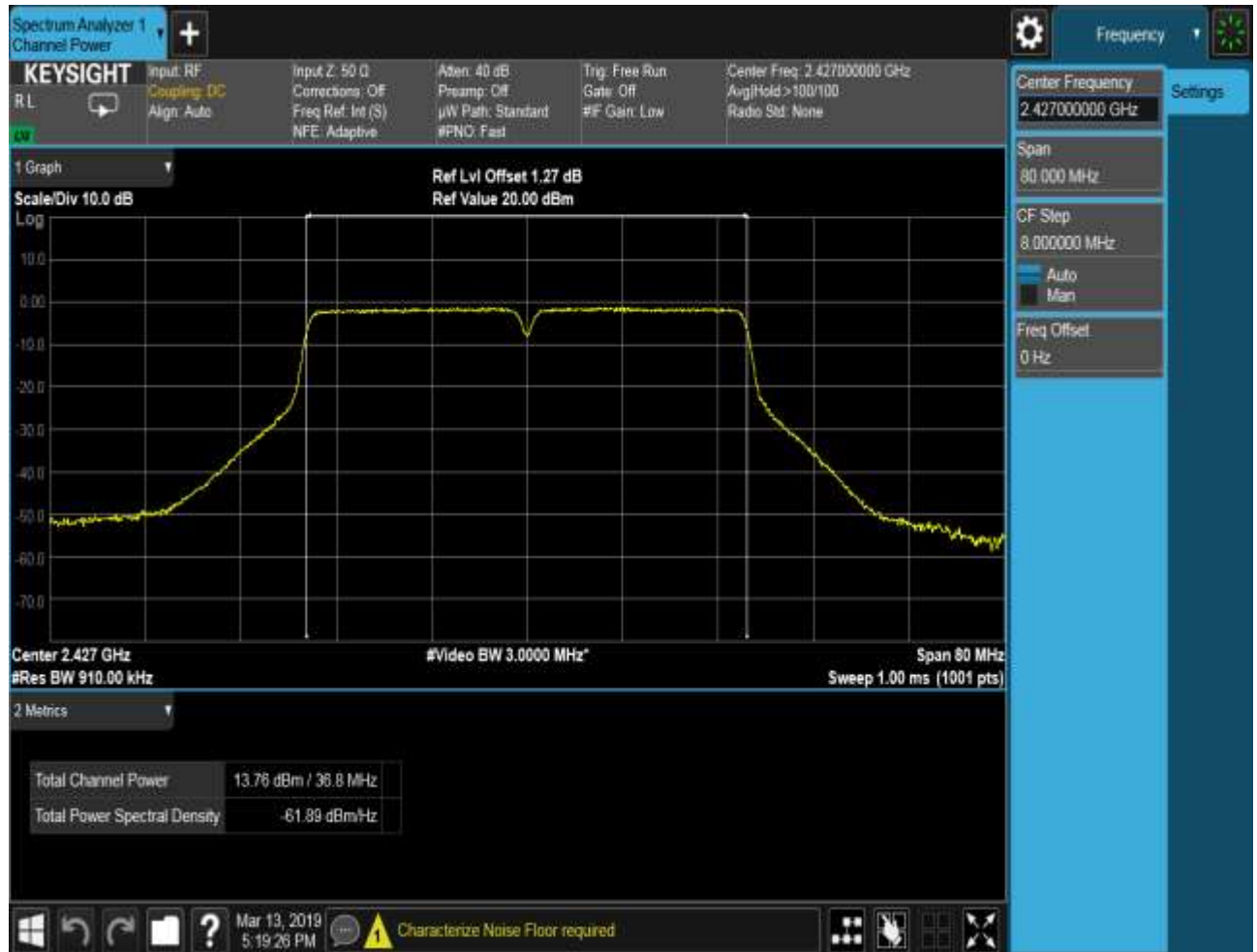


1.32 11N40SISO_Ant2_2422



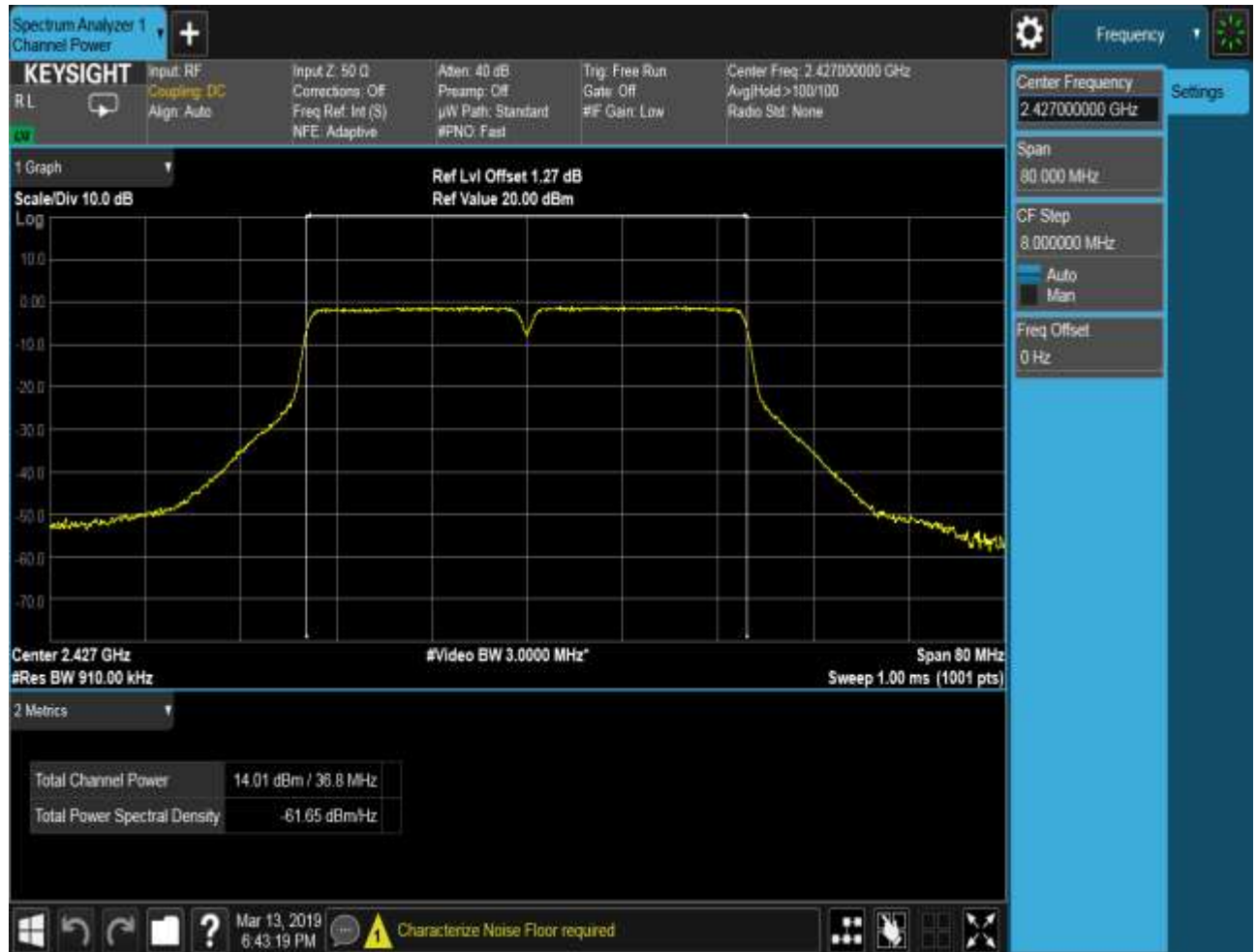


1.33 11N40SISO_Ant1_2427



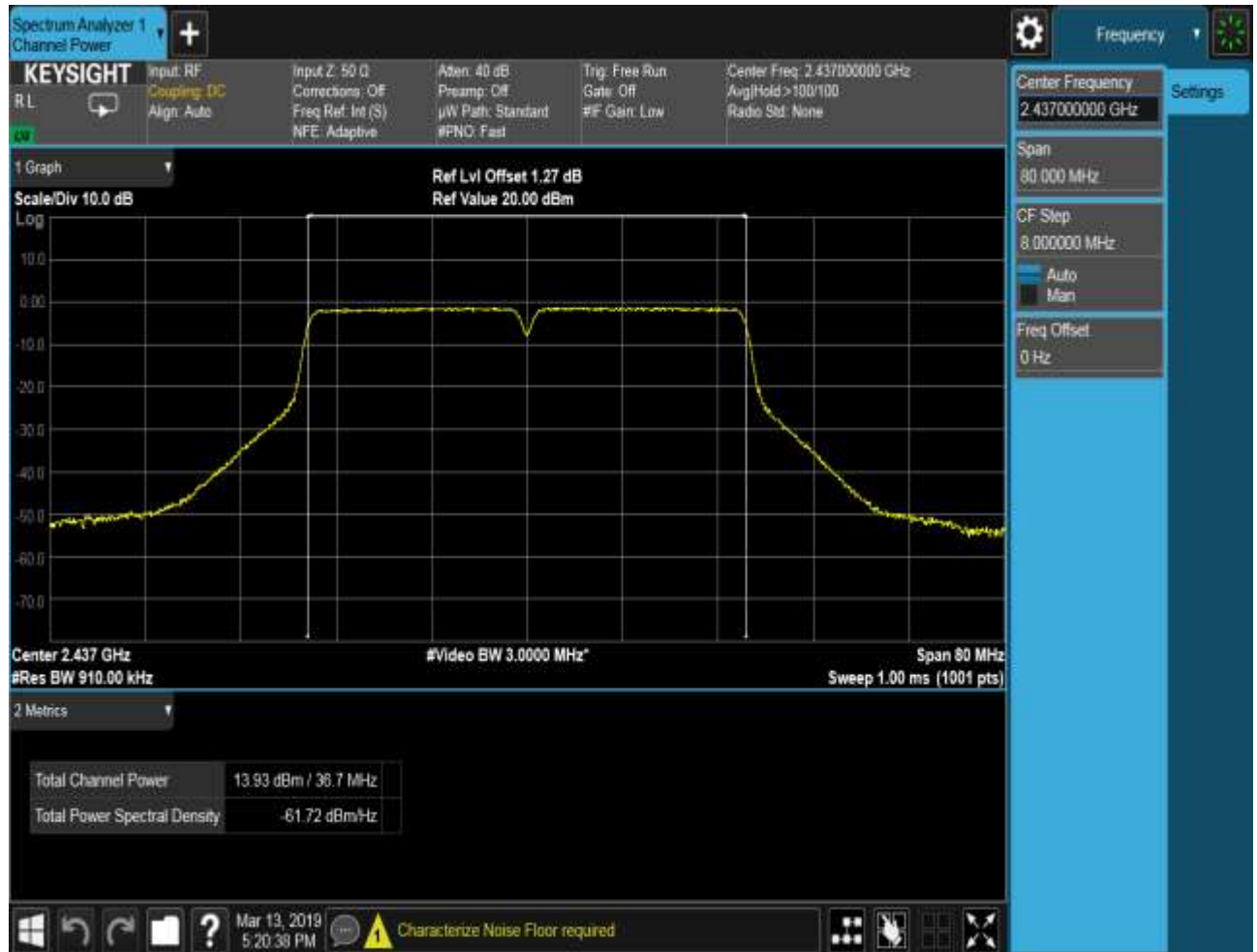


1.34 11N40SISO_Ant2_2427





1.35 11N40SISO_Ant1_2437





1.36 11N40SISO_Ant2_2437





1.37 11N40SISO_Ant1_2447





1.38 11N40SISO_Ant2_2447





1.39 11N40SISO_Ant1_2452





1.40 11N40SISO_Ant2_2452





1.41 11N20MIMO_Ant1_2412





1.42 11N20MIMO_Ant2_2412





1.43 11N20MIMO_Ant1_2417





1.44 11N20MIMO_Ant2_2417





1.45 11N20MIMO_Ant1_2437





1.46 11N20MIMO_Ant2_2437





1.47 11N20MIMO_Ant1_2457





1.48 11N20MIMO_Ant2_2457





1.49 11N20MIMO_Ant1_2462





1.50 11N20MIMO_Ant2_2462





1.51 11N40MIMO_Ant1_2422



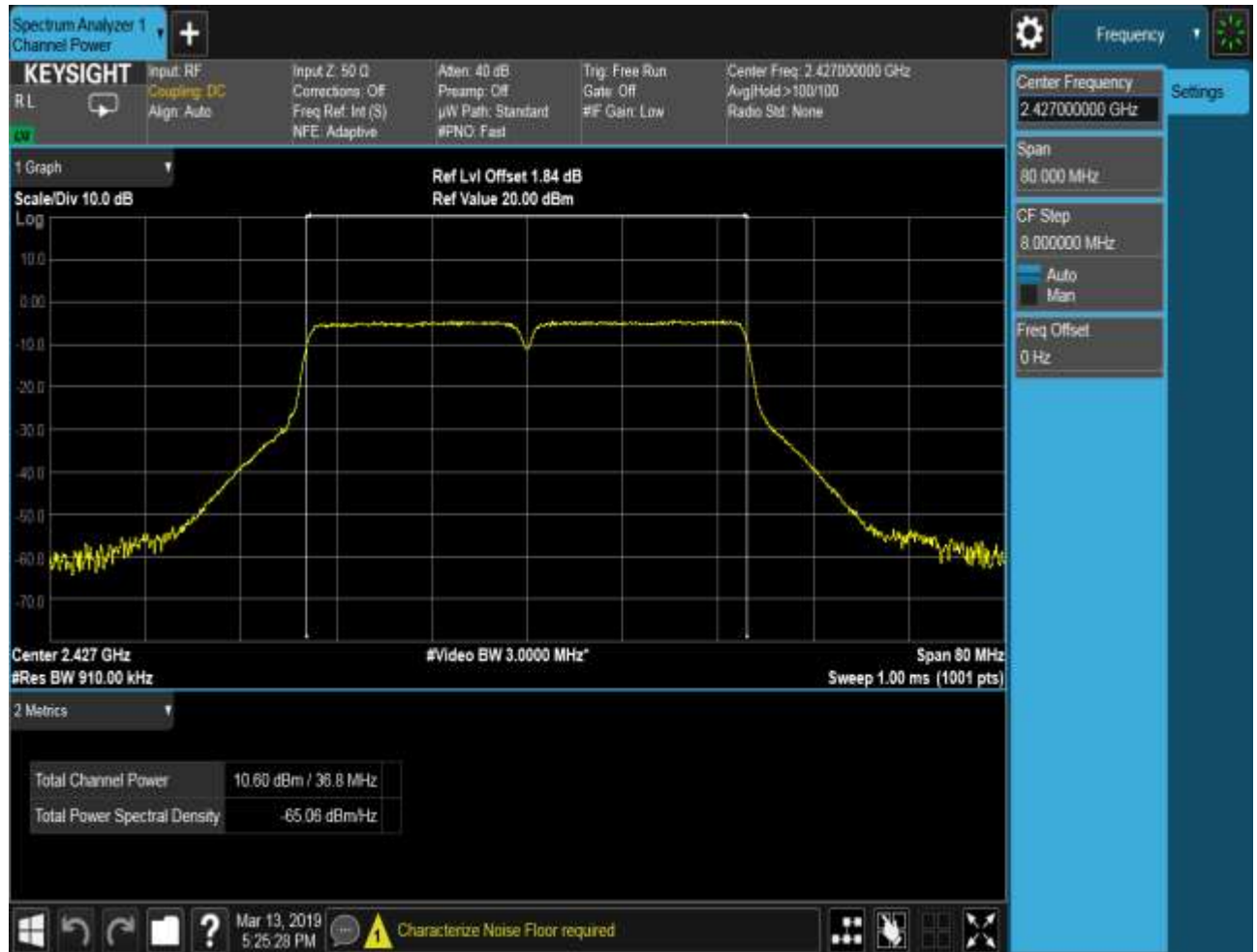


1.52 11N40MIMO_Ant2_2422





1.53 11N40MIMO_Ant1_2427



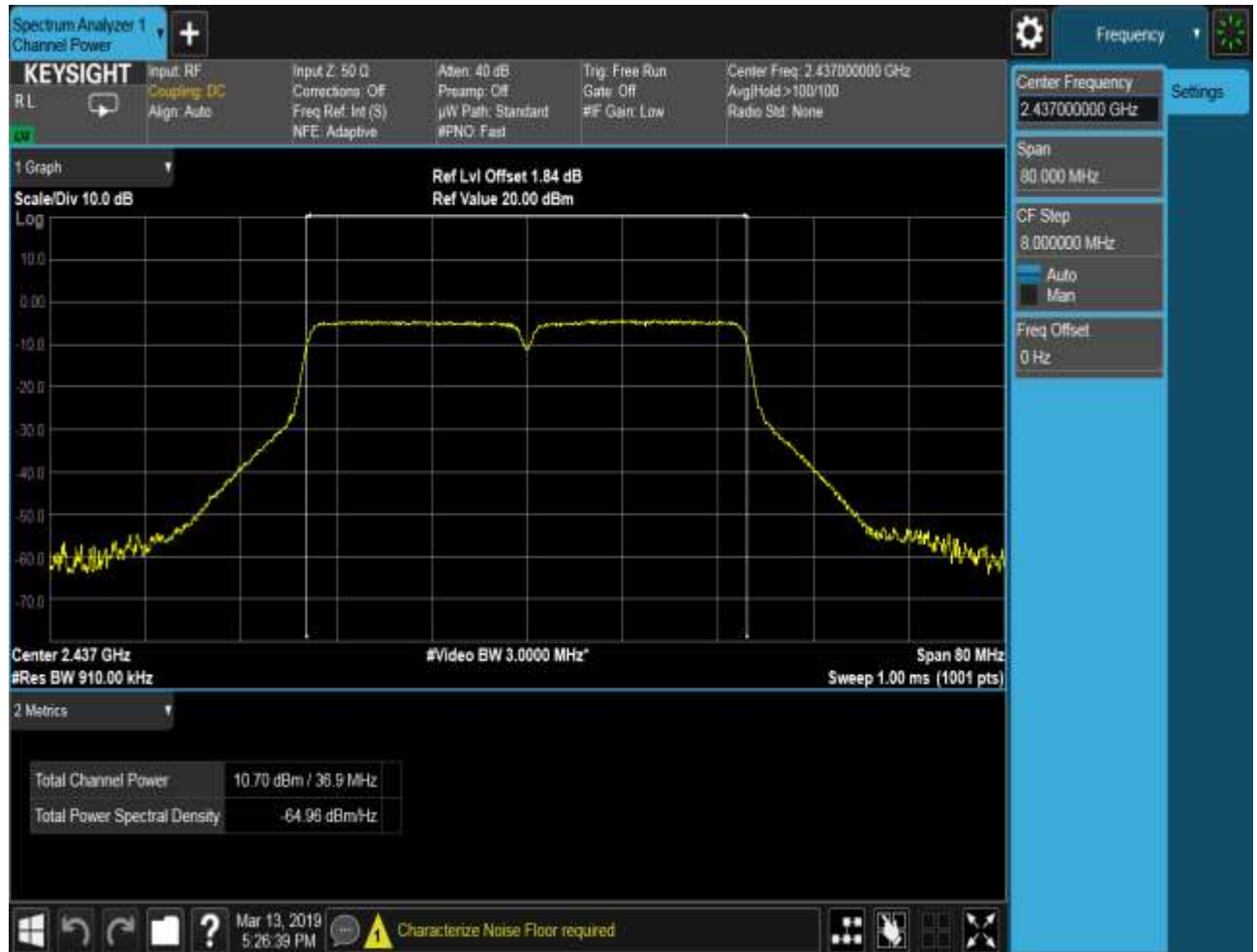


1.54 11N40MIMO_Ant2_2427





1.55 11N40MIMO_Ant1_2437



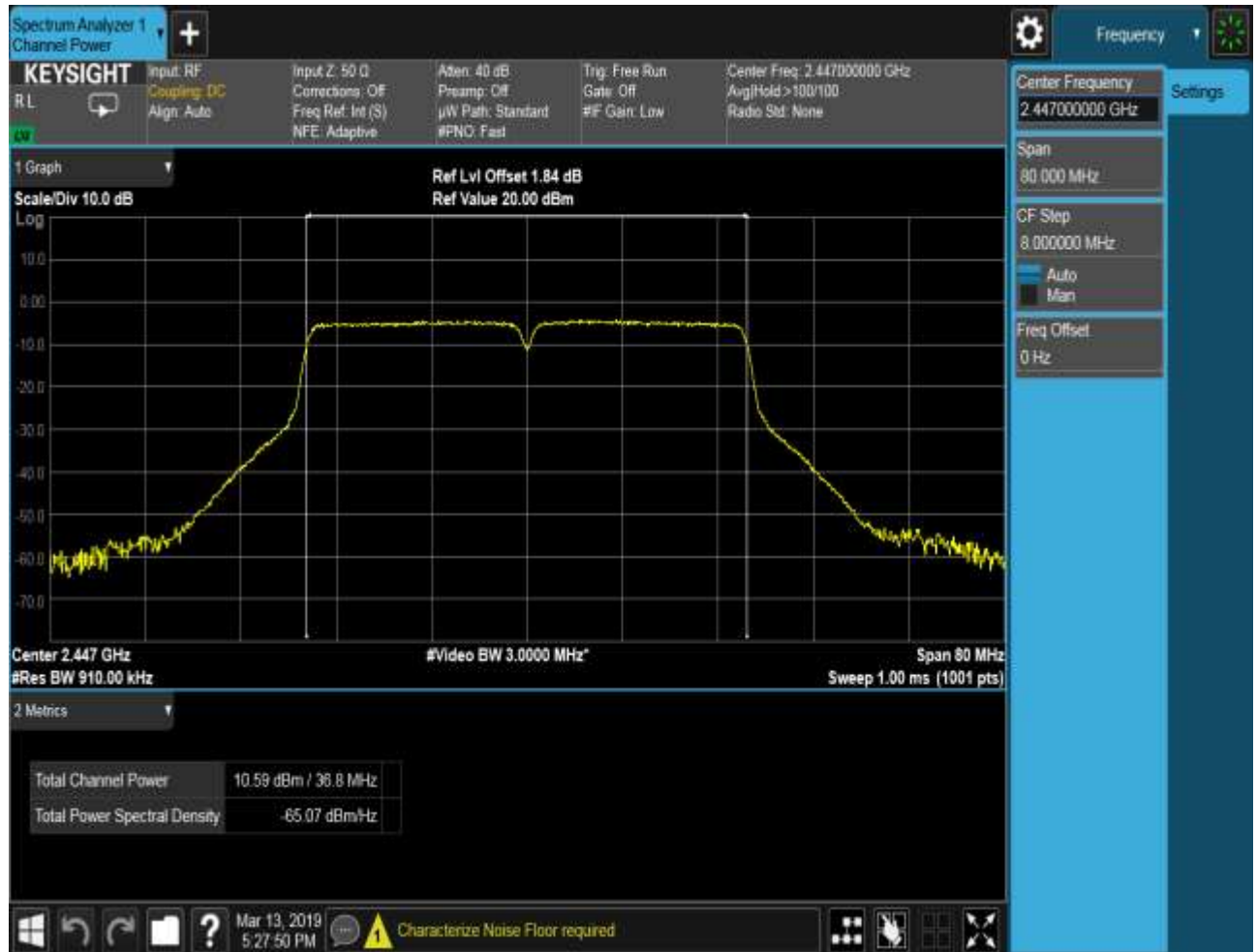


1.56 11N40MIMO_Ant2_2437





1.57 11N40MIMO_Ant1_2447





1.58 11N40MIMO_Ant2_2447



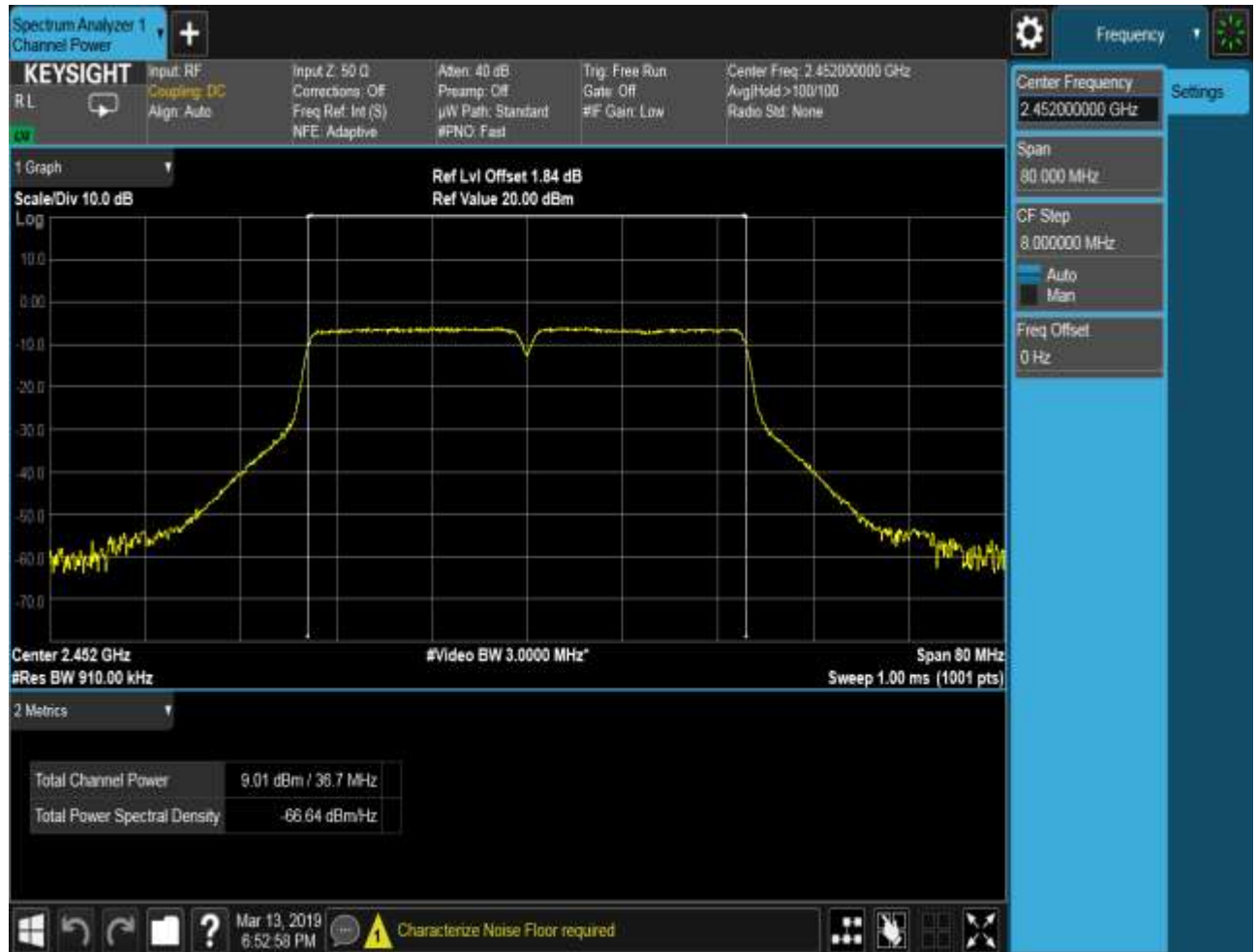


1.59 11N40MIMO_Ant1_2452





1.60 11N40MIMO_Ant2_2452



Appendix E: Maximum Power Spectral Density Level

Part I - Test Results

Test Mode	Antenna	Channel	Result[dBm/10kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.21	8	PASS
11B	Ant2	2412	-10.27	8	PASS
11B	Ant1	2417	-11.84	8	PASS
11B	Ant2	2417	-9.96	8	PASS
11B	Ant1	2437	-12.27	8	PASS
11B	Ant2	2437	-9.62	8	PASS
11B	Ant1	2457	-11.76	8	PASS
11B	Ant2	2457	-10.1	8	PASS
11B	Ant1	2462	-12.12	8	PASS
11B	Ant2	2462	-11.86	8	PASS
11G	Ant1	2412	-13.9	8	PASS
11G	Ant2	2412	-12.33	8	PASS
11G	Ant1	2417	-14.1	8	PASS
11G	Ant2	2417	-11.91	8	PASS
11G	Ant1	2437	-14.24	8	PASS
11G	Ant2	2437	-12.27	8	PASS
11G	Ant1	2457	-13.87	8	PASS
11G	Ant2	2457	-12.31	8	PASS
11G	Ant1	2462	-14.11	8	PASS
11G	Ant2	2462	-13.95	8	PASS
11N20SISO	Ant1	2412	-14.27	8	PASS
11N20SISO	Ant2	2412	-12.34	8	PASS
11N20SISO	Ant1	2417	-14.09	8	PASS
11N20SISO	Ant2	2417	-11.73	8	PASS
11N20SISO	Ant1	2437	-14.27	8	PASS
11N20SISO	Ant2	2437	-12.38	8	PASS
11N20SISO	Ant1	2457	-13.93	8	PASS
11N20SISO	Ant2	2457	-12.48	8	PASS
11N20SISO	Ant1	2462	-14.29	8	PASS
11N20SISO	Ant2	2462	-14.19	8	PASS
11N20MIMO	Ant1	2412	-16.97	8	PASS
11N20MIMO	Ant2	2412	-14.06	8	PASS
11N20MIMO	SUM	2412	-12.27	8	PASS
11N20MIMO	Ant1	2417	-16.98	8	PASS
11N20MIMO	Ant2	2417	-14.84	8	PASS
11N20MIMO	SUM	2417	-12.77	8	PASS
11N20MIMO	Ant1	2437	-17.1	8	PASS
11N20MIMO	Ant2	2437	-14.72	8	PASS
11N20MIMO	SUM	2437	-12.74	8	PASS
11N20MIMO	Ant1	2457	-16.99	8	PASS
11N20MIMO	Ant2	2457	-14.63	8	PASS



11N20MIMO	SUM	2457	-12.64	8	PASS
11N20MIMO	Ant1	2462	-17.22	8	PASS
11N20MIMO	Ant2	2462	-16.68	8	PASS
11N20MIMO	SUM	2462	-13.93	8	PASS
11N40SISO	Ant1	2422	-16.8	8	PASS
11N40SISO	Ant2	2422	-16.73	8	PASS
11N40SISO	Ant1	2427	-16.92	8	PASS
11N40SISO	Ant2	2427	-16.67	8	PASS
11N40SISO	Ant1	2437	-16.53	8	PASS
11N40SISO	Ant2	2437	-16.69	8	PASS
11N40SISO	Ant1	2447	-16.84	8	PASS
11N40SISO	Ant2	2447	-16.73	8	PASS
11N40SISO	Ant1	2452	-16.68	8	PASS
11N40SISO	Ant2	2452	-16.0	8	PASS
11N40MIMO	Ant1	2422	-19.21	8	PASS
11N40MIMO	Ant2	2422	-17.91	8	PASS
11N40MIMO	SUM	2422	-15.50	8	PASS
11N40MIMO	Ant1	2427	-19.0	8	PASS
11N40MIMO	Ant2	2427	-17.98	8	PASS
11N40MIMO	SUM	2427	-15.45	8	PASS
11N40MIMO	Ant1	2437	-19.0	8	PASS
11N40MIMO	Ant2	2437	-18.04	8	PASS
11N40MIMO	SUM	2437	-15.48	8	PASS
11N40MIMO	Ant1	2447	-19.51	8	PASS
11N40MIMO	Ant2	2447	-18.68	8	PASS
11N40MIMO	SUM	2447	-16.06	8	PASS
11N40MIMO	Ant1	2452	-18.86	8	PASS
11N40MIMO	Ant2	2452	-18.46	8	PASS
11N40MIMO	SUM	2452	-15.65	8	PASS

Note: The Duty Cycle Factor is compensated in the graph.



Part II - Test Graphs

1.1 11B_Ant1_2412





1.2 11B_Ant2_2412





1.3 11B_Ant1_2417





1.4 11B_Ant2_2417





1.5 11B_Ant1_2437





1.6 11B_Ant2_2437





1.7 11B_Ant1_2457





1.8 11B_Ant2_2457





1.9 11B_Ant1_2462





1.10 11B_Ant2_2462





1.11 11G_Ant1_2412





1.12 11G_Ant2_2412





1.13 11G_Ant1_2417





1.14 11G_Ant2_2417



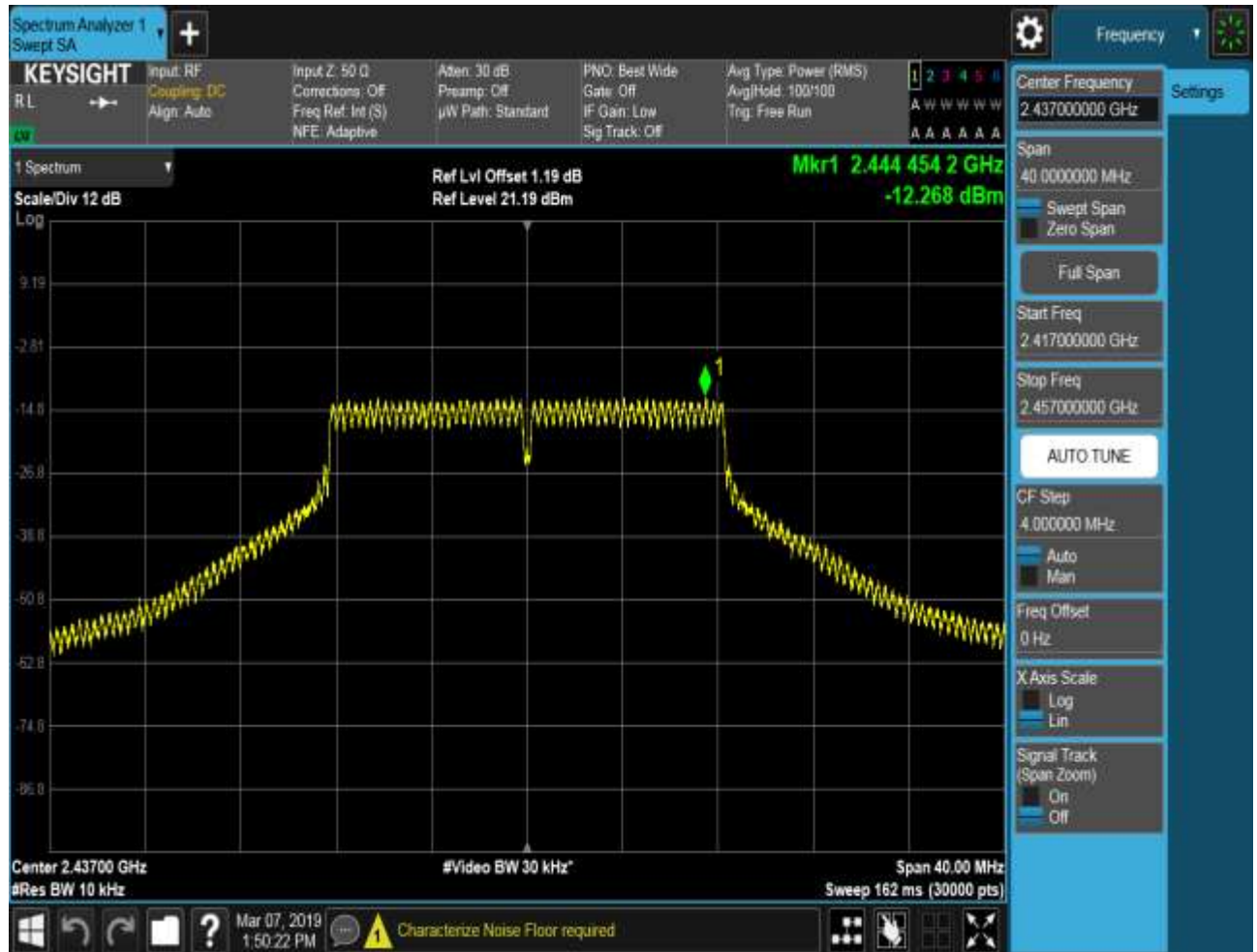


1.15 11G_Ant1_2437





1.16 11G_Ant2_2437





1.17 11G_Ant1_2457





1.18 11G_Ant2_2457



1.19 11G_Ant1_2462



1.20 11G_Ant2_2462



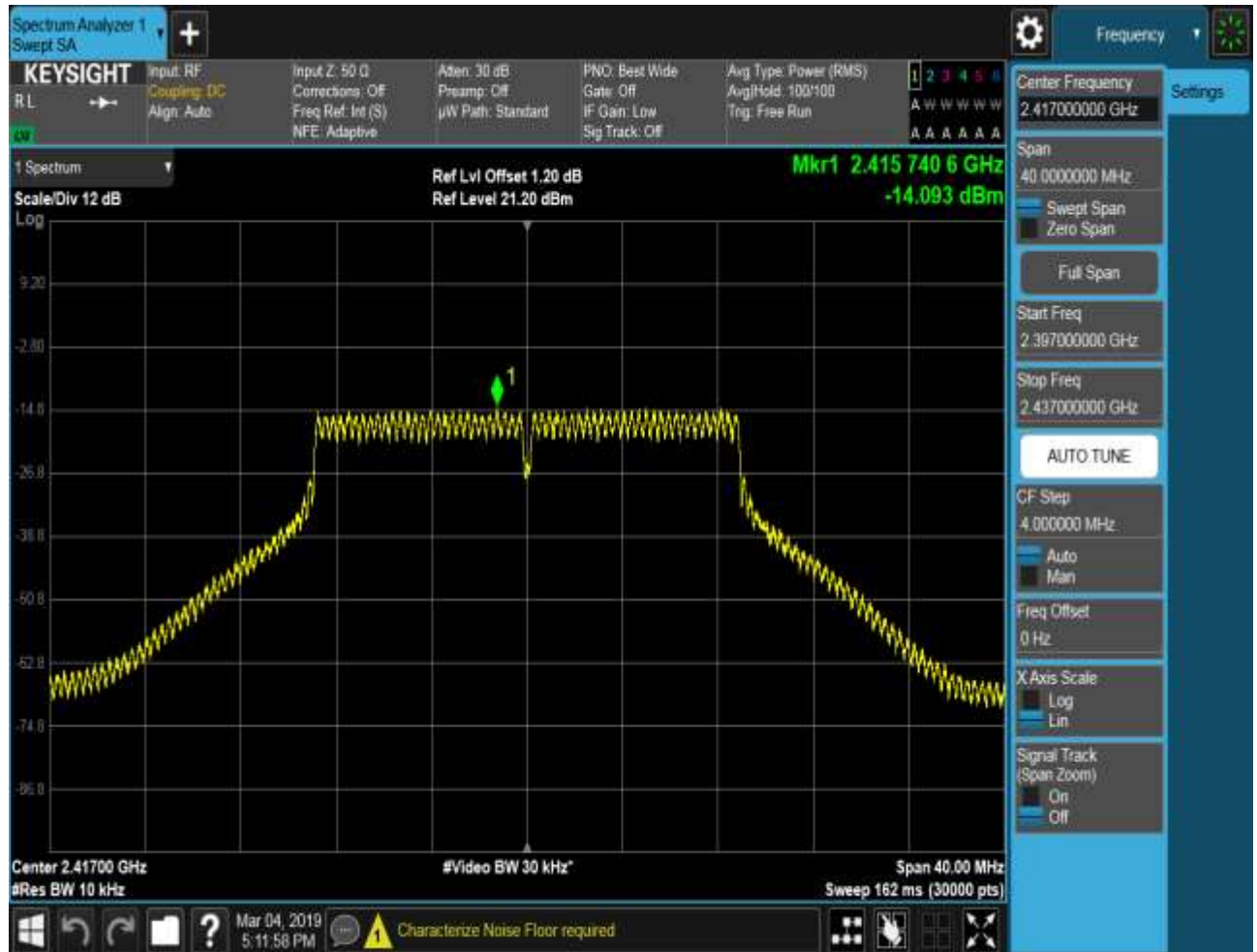


1.22 11N20SISO_Ant2_2412





1.23 11N20SISO_Ant1_2417





1.24 11N20SISO_Ant2_2417



1.25 11N20SISO_Ant1_2437





1.26 11N20SISO_Ant2_2437





1.28 11N20SISO_Ant2_2457

