



Appendix for Test report

Appendix A: DTS (6 dB) Bandwidth

Part I - Test Results

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	7.59	2408.44	2416.04	---	PASS
11B	Ant2	2412	8.04	2408.5	2416.54	---	PASS
11B	Ant1	2437	8.53	2432.48	2441.02	---	PASS
11B	Ant2	2437	8.07	2433.44	2441.51	---	PASS
11B	Ant1	2462	8.56	2457.47	2466.03	---	PASS
11B	Ant2	2462	8.57	2457.47	2466.04	---	PASS
11G	Ant1	2412	15.66	2404.48	2420.14	---	PASS
11G	Ant2	2412	15.41	2404.73	2420.13	---	PASS
11G	Ant1	2422	15.27	2414.26	2429.53	---	PASS
11G	Ant2	2422	16.31	2413.85	2430.16	---	PASS
11G	Ant1	2437	15.07	2429.46	2444.53	---	PASS
11G	Ant2	2437	16.04	2429.1	2445.14	---	PASS
11G	Ant1	2452	15.65	2444.22	2459.87	---	PASS
11G	Ant2	2452	15.35	2444.23	2459.58	---	PASS
11G	Ant1	2457	16.35	2448.82	2465.17	---	PASS
11G	Ant2	2457	15.65	2449.11	2464.76	---	PASS
11G	Ant1	2462	16.02	2453.87	2469.89	---	PASS
11G	Ant2	2462	15.45	2454.1	2469.54	---	PASS
11G20CDD	Ant1	2412	16.28	2403.87	2420.15	---	PASS
11G20CDD	Ant2	2412	15.43	2404.48	2419.91	---	PASS
11G20CDD	Ant1	2422	15.57	2414.21	2429.78	---	PASS
11G20CDD	Ant2	2422	15.3	2414.26	2429.55	---	PASS
11G20CDD	Ant1	2437	15.28	2429.24	2444.52	---	PASS
11G20CDD	Ant2	2437	16.05	2429.09	2445.14	---	PASS
11G20CDD	Ant1	2452	16.04	2444.11	2460.15	---	PASS
11G20CDD	Ant2	2452	15.8	2444.11	2459.9	---	PASS
11G20CDD	Ant1	2457	15.48	2449.43	2464.91	---	PASS
11G20CDD	Ant2	2457	15.46	2449.11	2464.57	---	PASS
11G20CDD	Ant1	2462	16.05	2453.84	2469.89	---	PASS
11G20CDD	Ant2	2462	15.91	2453.86	2469.77	---	PASS
11N20SISO	Ant1	2412	16.05	2404.47	2420.52	---	PASS
11N20SISO	Ant2	2412	15.68	2404.47	2420.15	---	PASS
11N20SISO	Ant1	2422	16.19	2414.18	2430.37	---	PASS
11N20SISO	Ant2	2422	16.52	2413.85	2430.37	---	PASS
11N20SISO	Ant1	2437	16.28	2428.62	2444.9	---	PASS
11N20SISO	Ant2	2437	15.88	2429.11	2444.99	---	PASS
11N20SISO	Ant1	2452	15.86	2444.54	2460.41	---	PASS
11N20SISO	Ant2	2452	17.05	2443.46	2460.52	---	PASS
11N20SISO	Ant1	2457	15.27	2449.49	2464.76	---	PASS
11N20SISO	Ant2	2457	16.95	2448.58	2465.53	---	PASS
11N20SISO	Ant1	2462	15.77	2454.11	2469.88	---	PASS
11N20SISO	Ant2	2462	16.31	2453.45	2469.76	---	PASS
11N20MIMO	Ant1	2412	15.89	2404.49	2420.37	---	PASS
11N20MIMO	Ant2	2412	15.92	2404.48	2420.39	---	PASS
11N20MIMO	Ant1	2422	15.53	2414.26	2429.79	---	PASS
11N20MIMO	Ant2	2422	17.16	2413.23	2430.39	---	PASS

11N20MIMO	Ant1	2437	16.8	2428.61	2445.41	---	PASS
11N20MIMO	Ant2	2437	16.8	2428.6	2445.4	---	PASS
11N20MIMO	Ant1	2452	16.1	2444.43	2460.53	---	PASS
11N20MIMO	Ant2	2452	15.72	2444.44	2460.16	---	PASS
11N20MIMO	Ant1	2457	16.77	2448.62	2465.39	---	PASS
11N20MIMO	Ant2	2457	16.27	2448.87	2465.14	---	PASS
11N20MIMO	Ant1	2462	16.08	2453.48	2469.56	---	PASS
11N20MIMO	Ant2	2462	15.71	2453.87	2469.58	---	PASS
11N40SISO	Ant1	2422	35.65	2404.24	2439.89	---	PASS
11N40SISO	Ant2	2422	35.71	2404.44	2440.15	---	PASS
11N40SISO	Ant1	2427	35.79	2409.1	2444.89	---	PASS
11N40SISO	Ant2	2427	35.67	2409.48	2445.15	---	PASS
11N40SISO	Ant1	2432	36.31	2413.84	2450.15	---	PASS
11N40SISO	Ant2	2432	36.3	2413.86	2450.16	---	PASS
11N40SISO	Ant1	2437	36.32	2418.84	2455.15	---	PASS
11N40SISO	Ant2	2437	36.28	2418.87	2455.15	---	PASS
11N40SISO	Ant1	2442	36.32	2423.84	2460.16	---	PASS
11N40SISO	Ant2	2442	36.3	2423.85	2460.15	---	PASS
11N40SISO	Ant1	2447	36.28	2428.87	2465.15	---	PASS
11N40SISO	Ant2	2447	35.67	2429.1	2464.77	---	PASS
11N40SISO	Ant1	2452	35.8	2434.12	2469.92	---	PASS
11N40SISO	Ant2	2452	35.08	2434.43	2469.52	---	PASS
11N40MIMO	Ant1	2422	35.9	2404.24	2440.14	---	PASS
11N40MIMO	Ant2	2422	35.7	2404.46	2440.15	---	PASS
11N40MIMO	Ant1	2427	36.01	2408.86	2444.88	---	PASS
11N40MIMO	Ant2	2427	35.72	2409.44	2445.17	---	PASS
11N40MIMO	Ant1	2432	36.31	2413.85	2450.15	---	PASS
11N40MIMO	Ant2	2432	36.06	2414.09	2450.15	---	PASS
11N40MIMO	Ant1	2437	36.3	2418.85	2455.15	---	PASS
11N40MIMO	Ant2	2437	36.32	2418.84	2455.16	---	PASS
11N40MIMO	Ant1	2442	36.31	2423.85	2460.15	---	PASS
11N40MIMO	Ant2	2442	36.05	2424.1	2460.15	---	PASS
11N40MIMO	Ant1	2447	36.29	2428.85	2465.15	---	PASS
11N40MIMO	Ant2	2447	36.28	2428.86	2465.14	---	PASS
11N40MIMO	Ant1	2452	35.63	2434.25	2469.88	---	PASS
11N40MIMO	Ant2	2452	36.01	2433.86	2469.87	---	PASS

Part II - Test Graphs

1.1 11B_Ant1_2412



1.2 11B_Ant2_2412



1.3 11B_Ant1_2437



1.4 11B_Ant2_2437



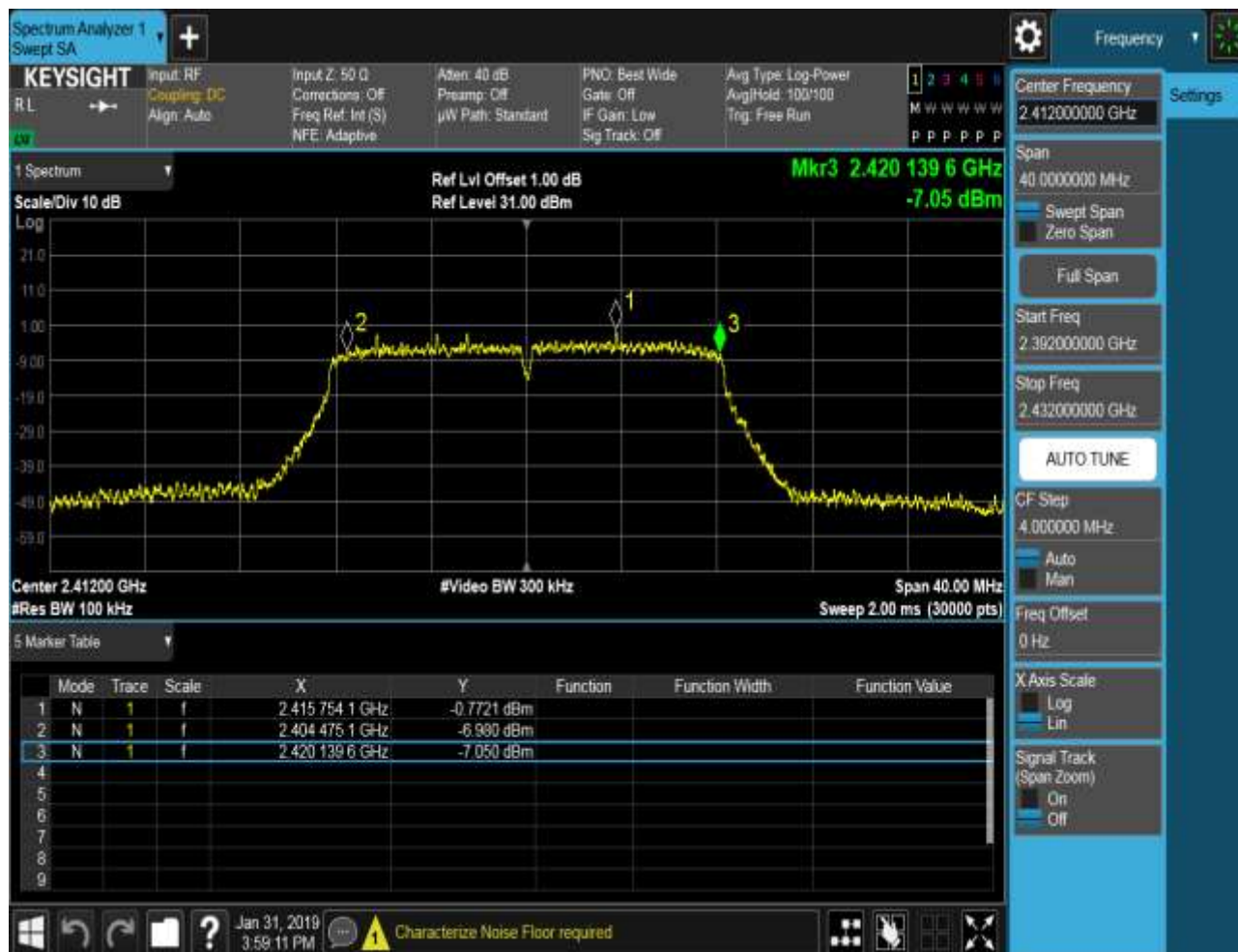
1.5 11B_Ant1_2462



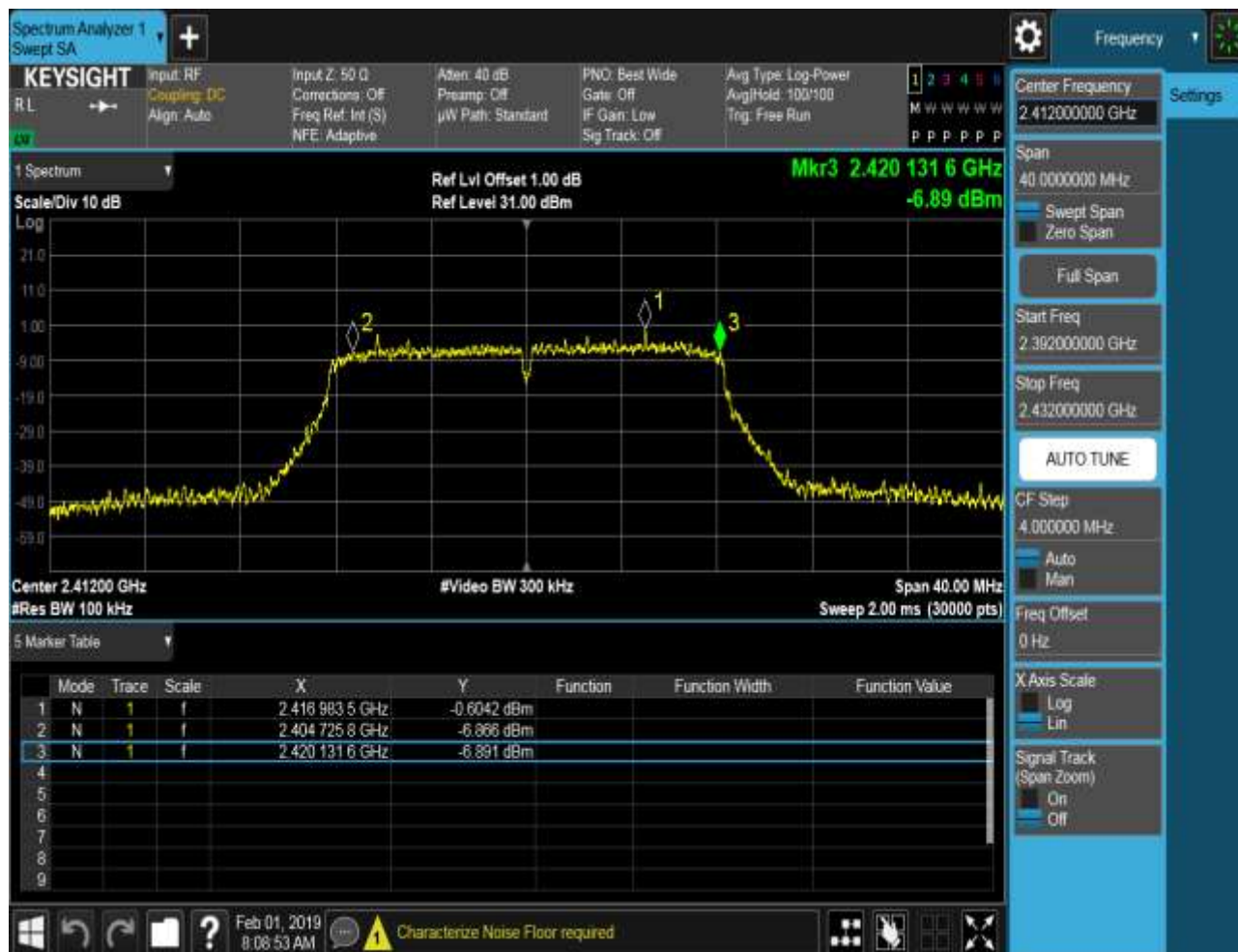
1.6 11B_Ant2_2462



1.7 11G_Ant1_2412



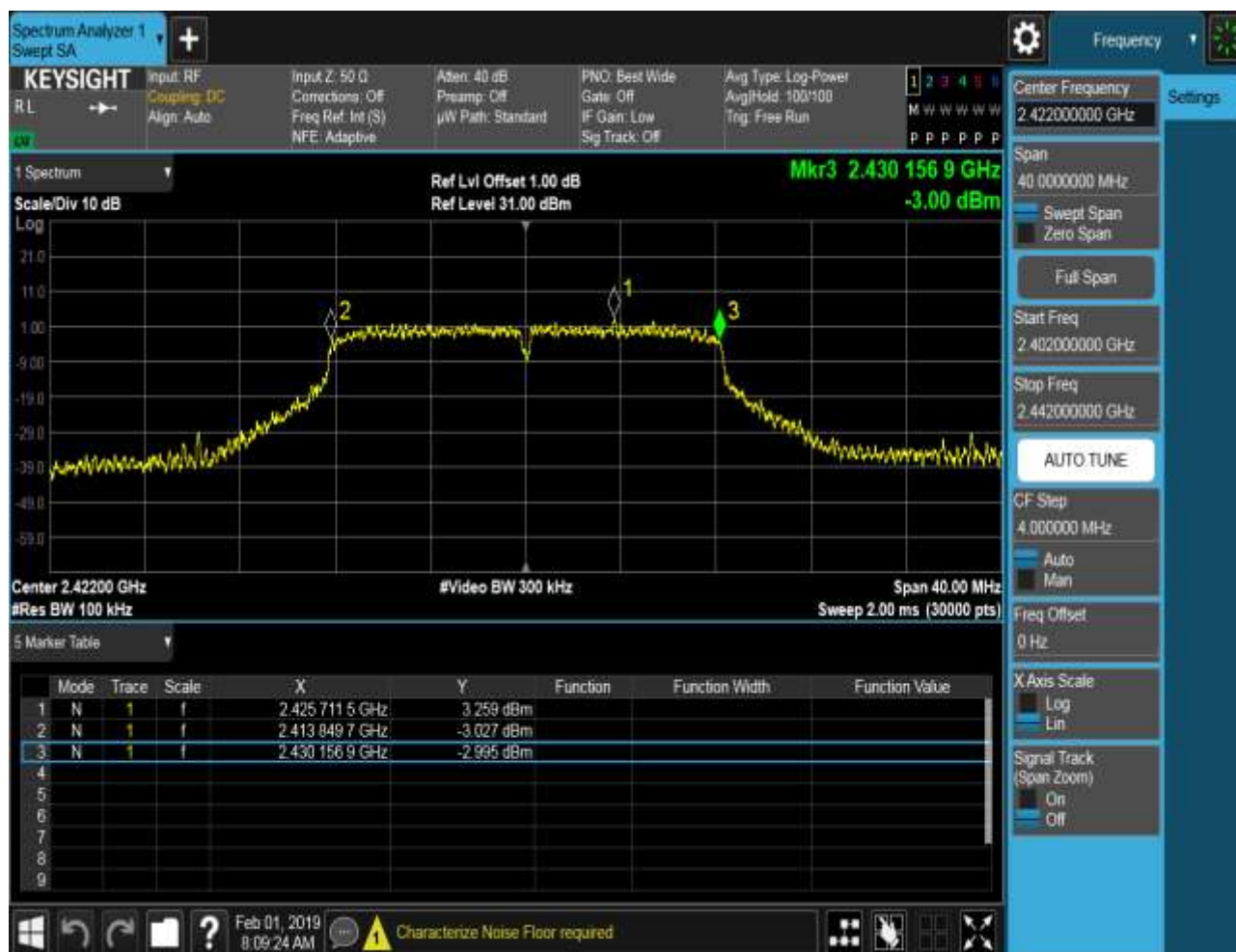
1.8 11G_Ant2_2412



1.9 11G_Ant1_2422



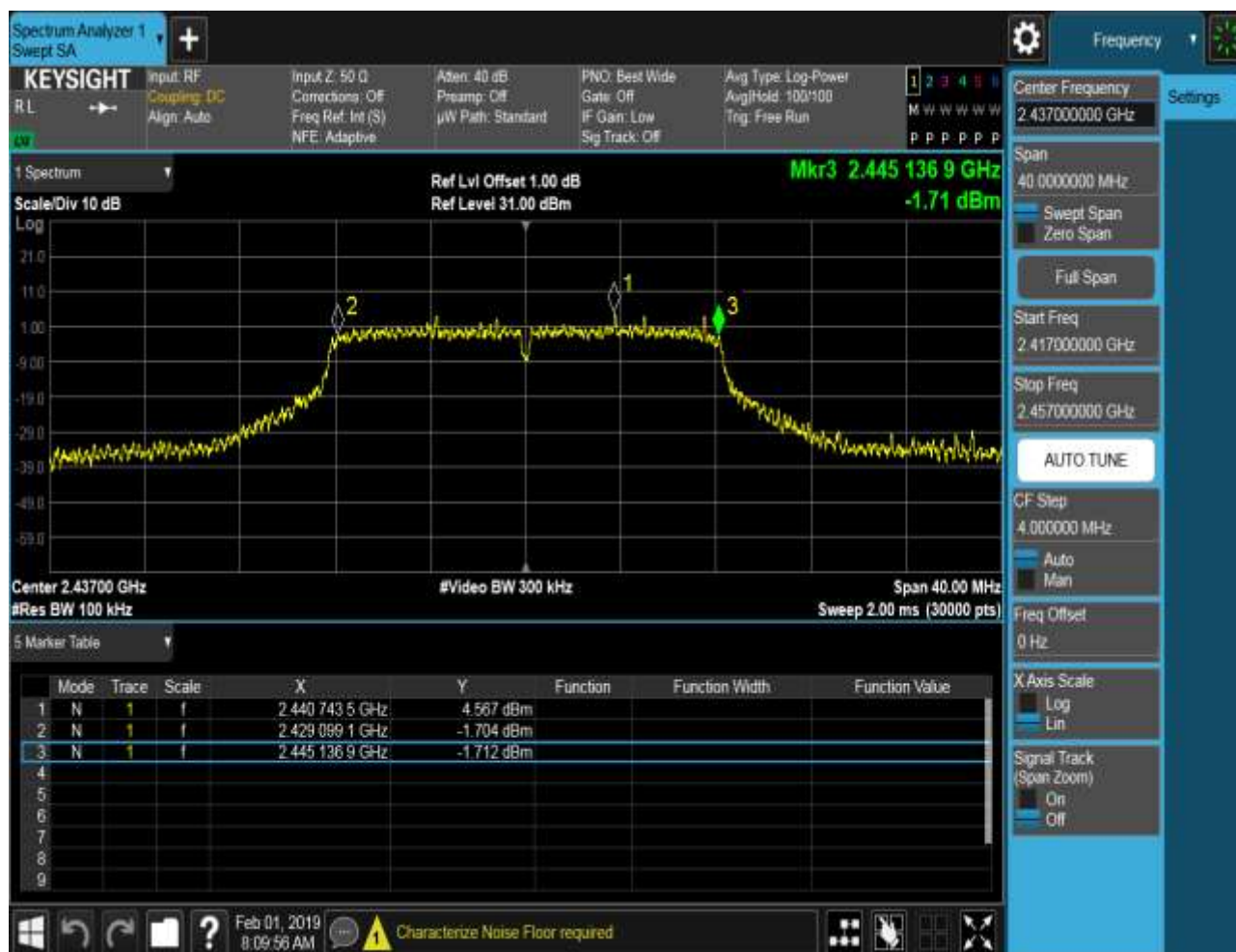
1.10 11G_Ant2_2422



1.11 11G_Ant1_2437



1.12 11G_Ant2_2437



1.13 11G_Ant1_2452



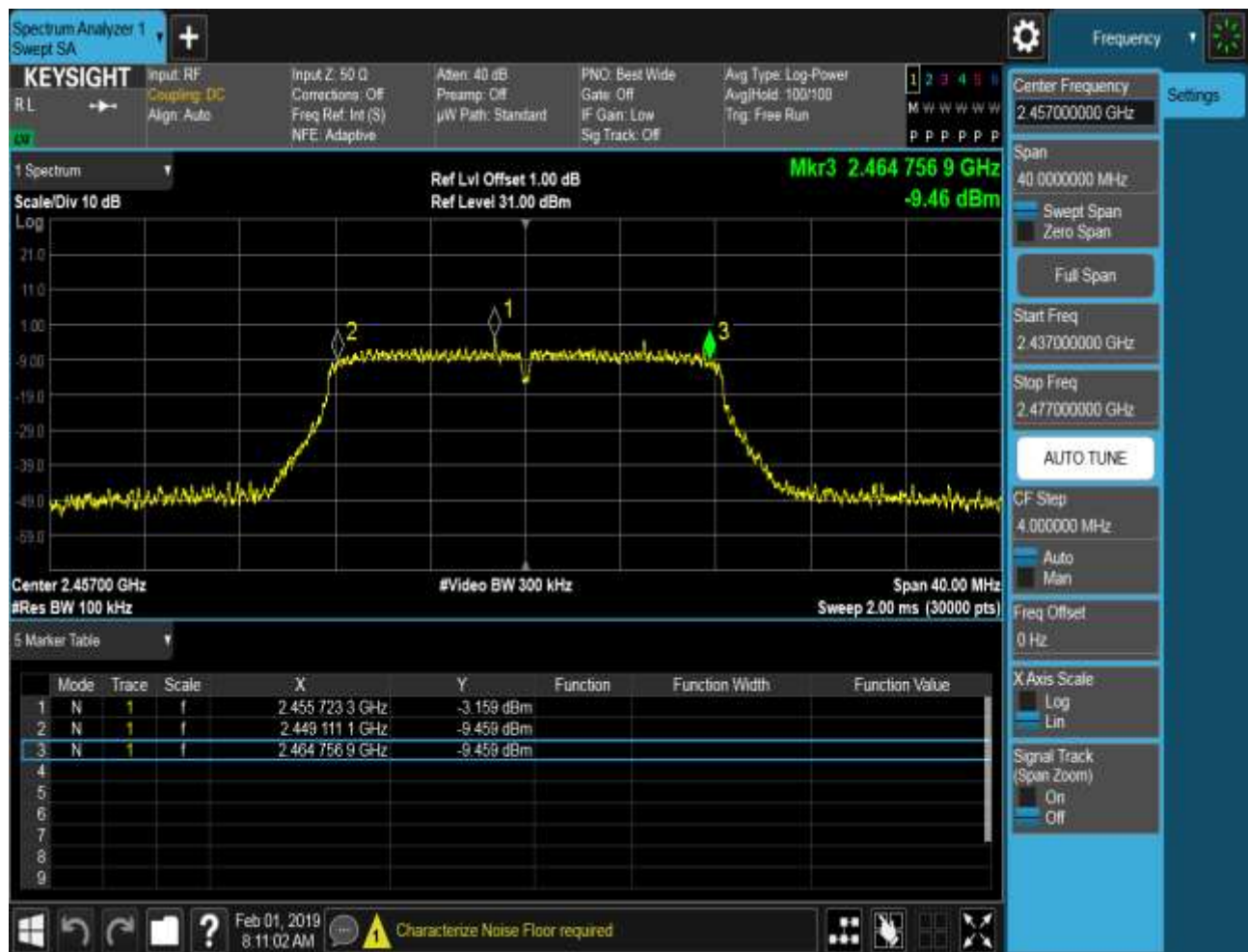
1.14 11G_Ant2_2452



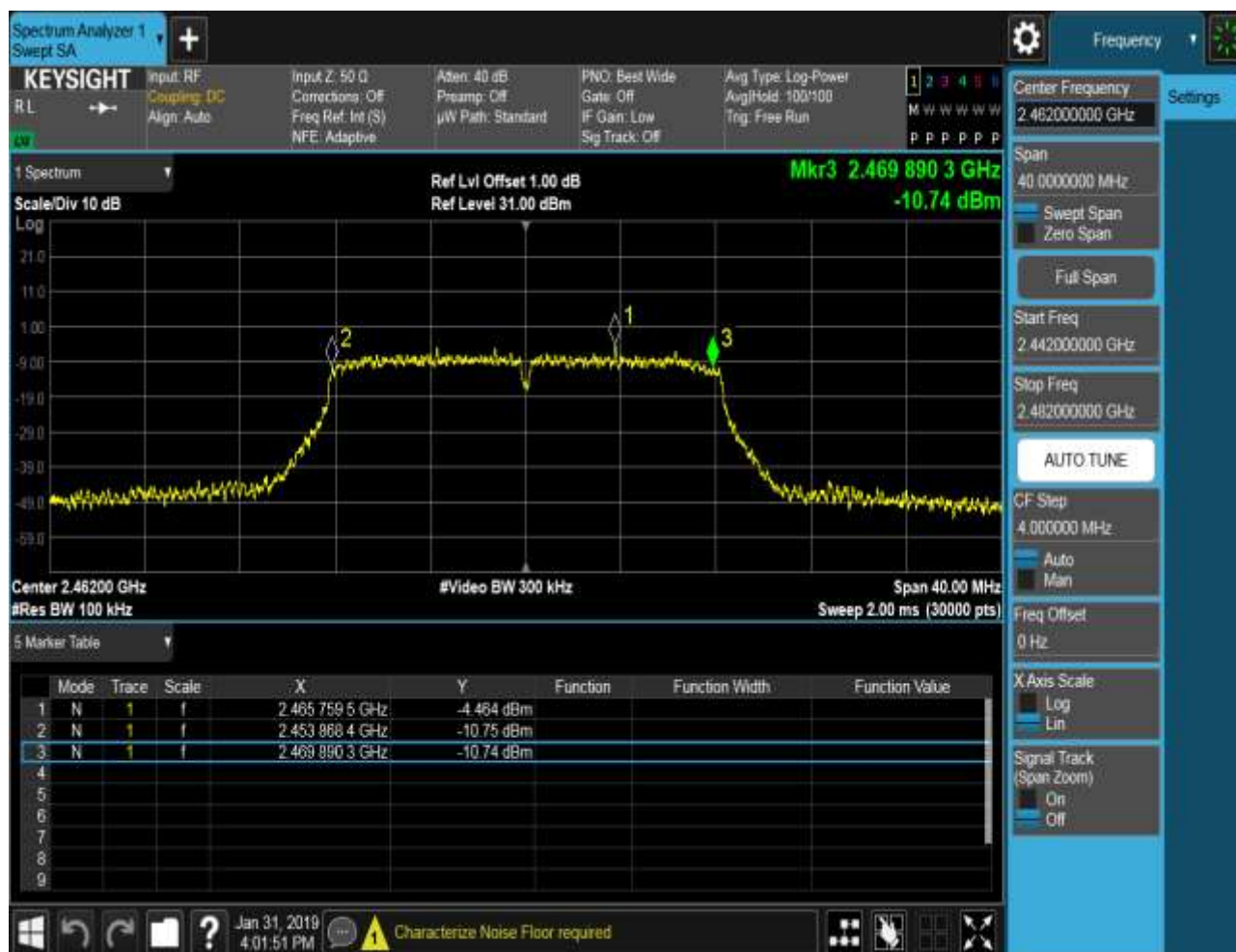
1.15 11G_Ant1_2457



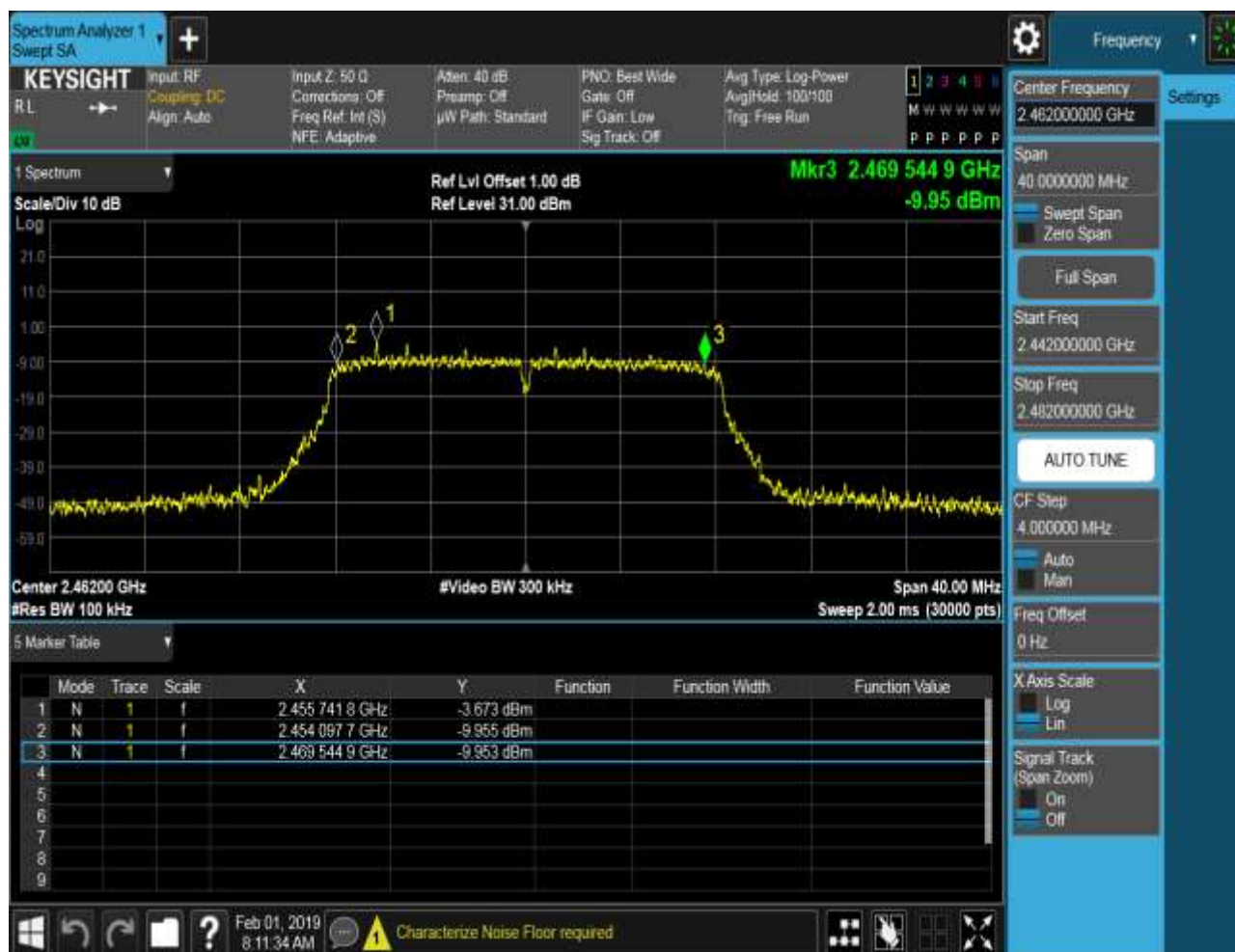
1.16 11G_Ant2_2457



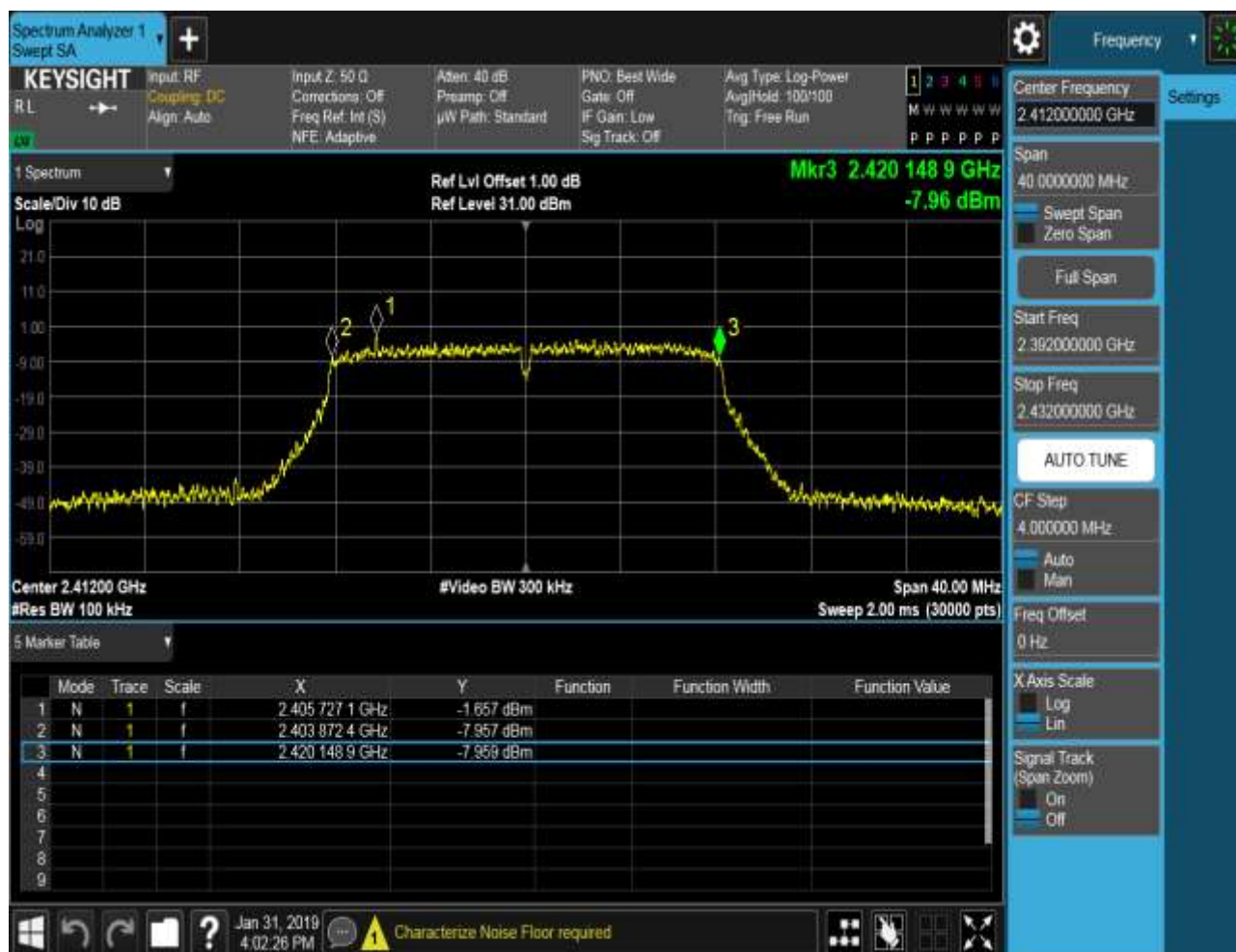
1.17 11G_Ant1_2462



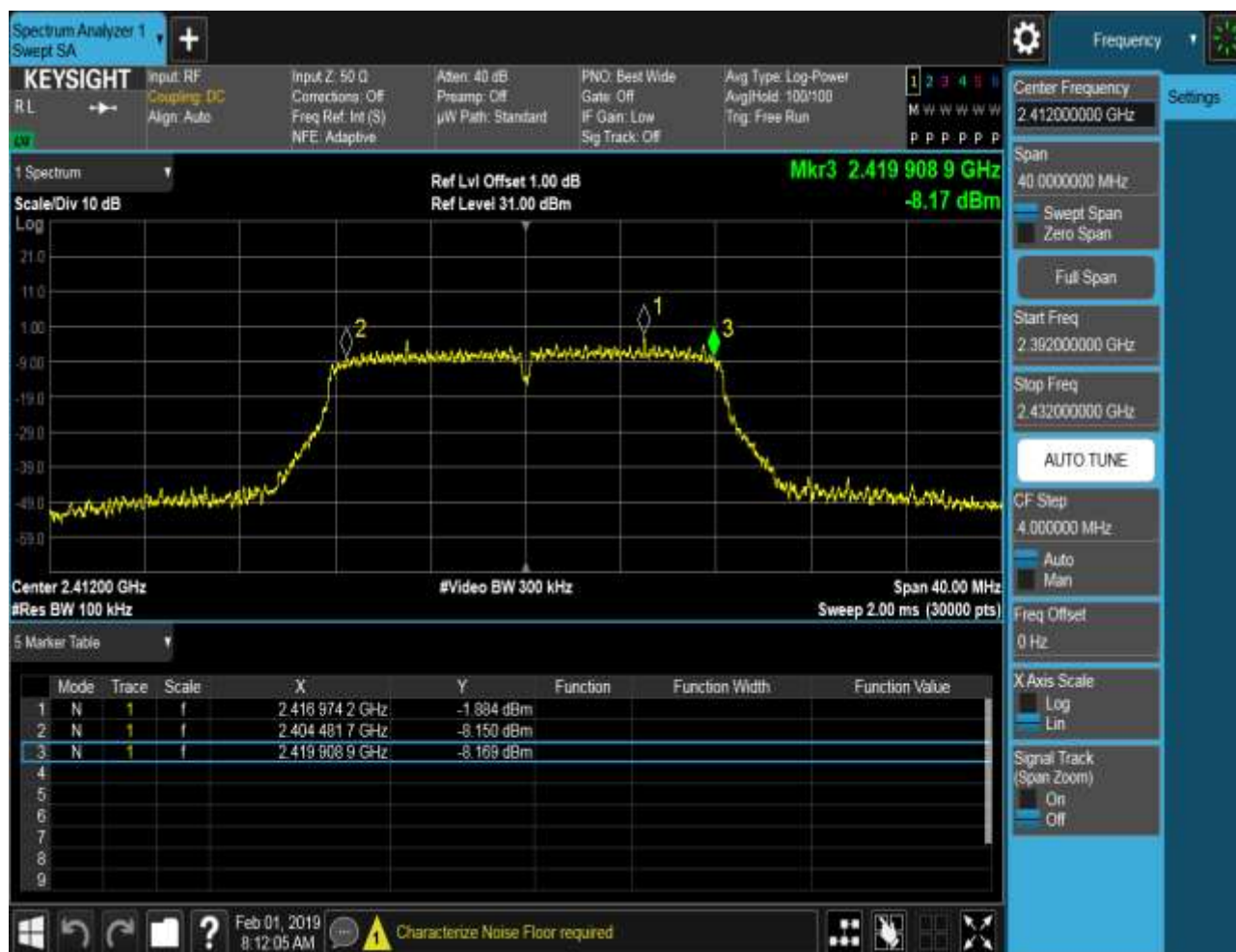
1.18 11G_Ant2_2462



1.19 11G20CDD_Ant1_2412



1.20 11G20CDD_Ant2_2412



1.21 11G20CDD_Ant1_2422



1.22 11G20CDD_Ant2_2422



1.23 11G20CDD_Ant1_2437



1.24 11G20CDD_Ant2_2437



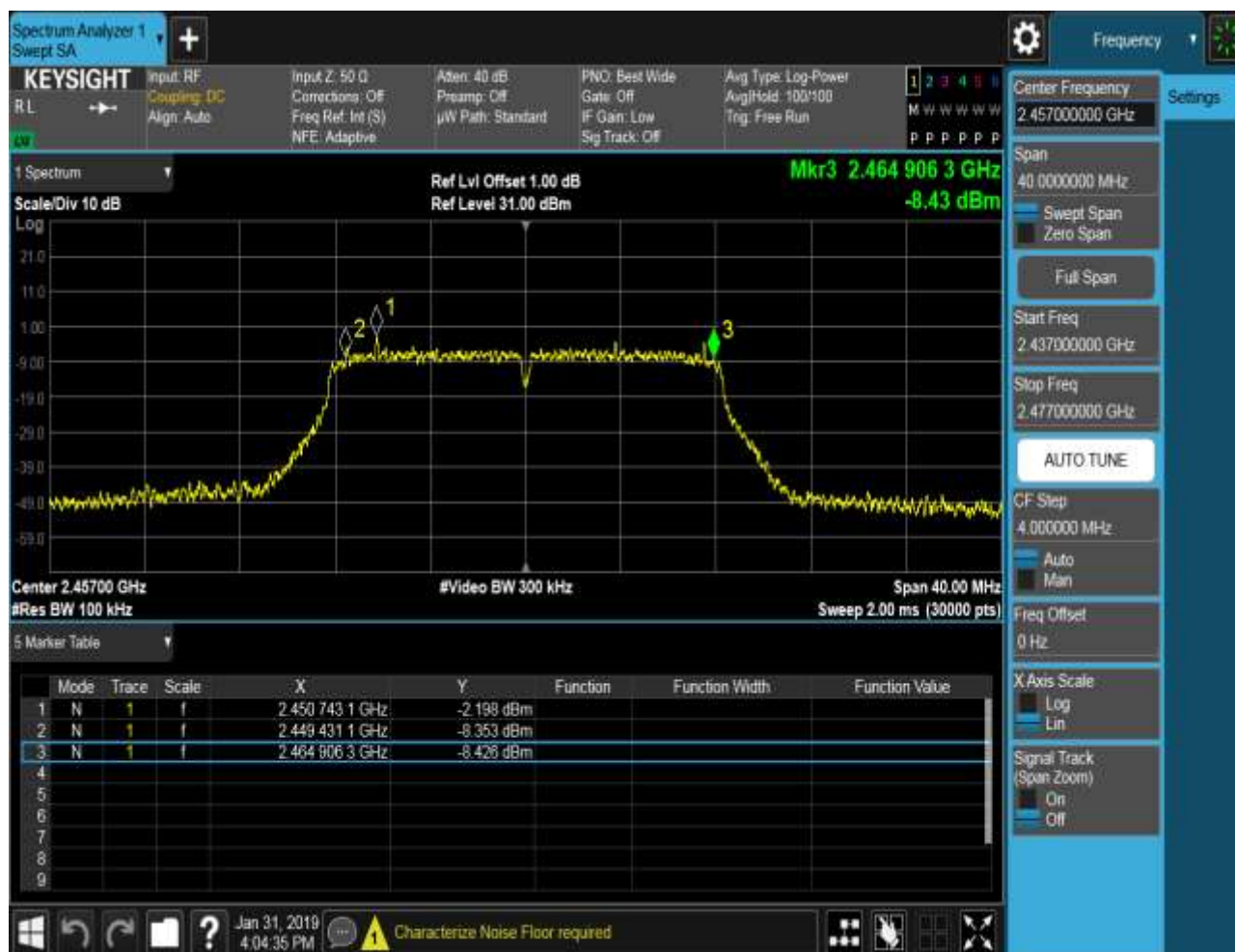
1.25 11G20CDD_Ant1_2452



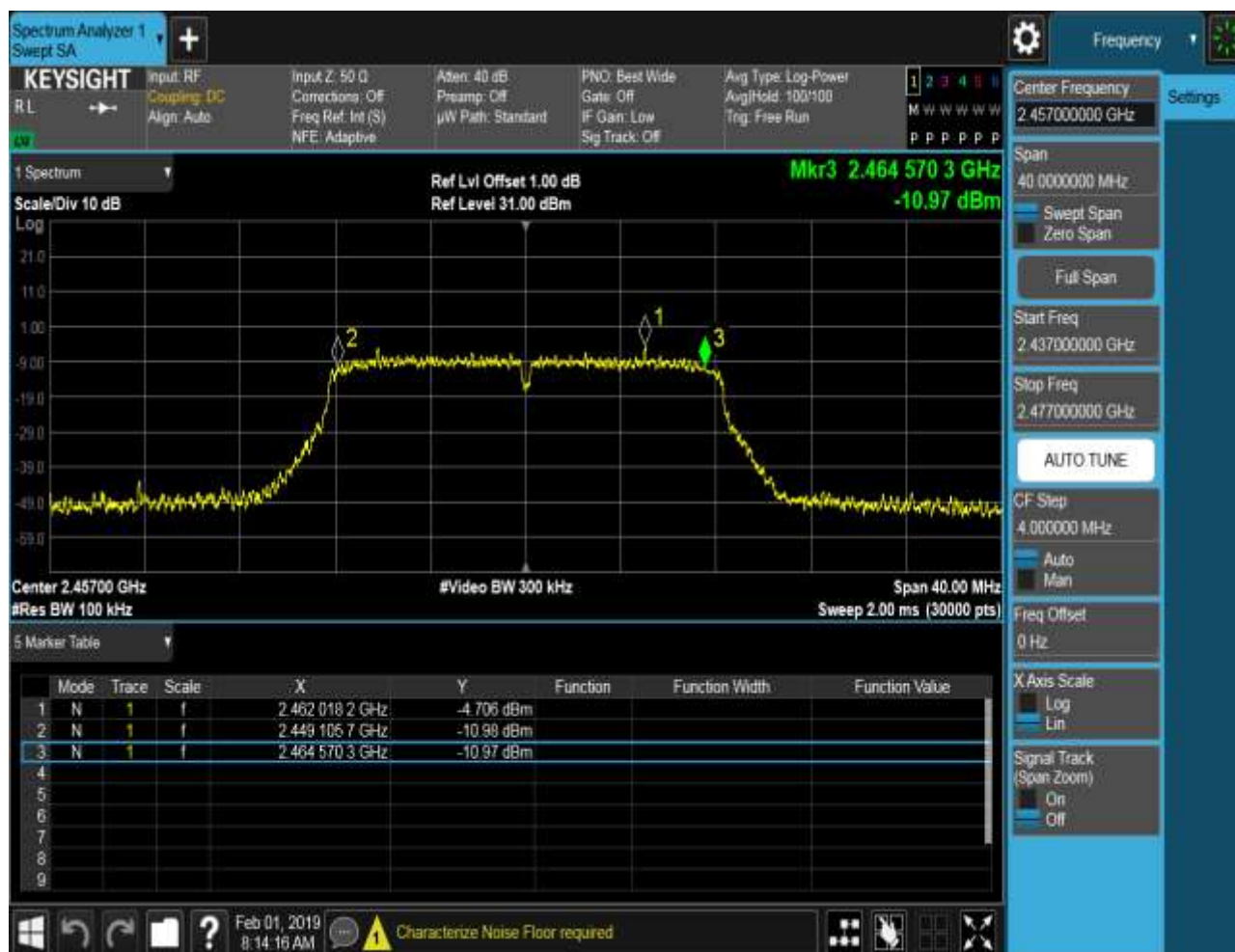
1.26 11G20CDD_Ant2_2452



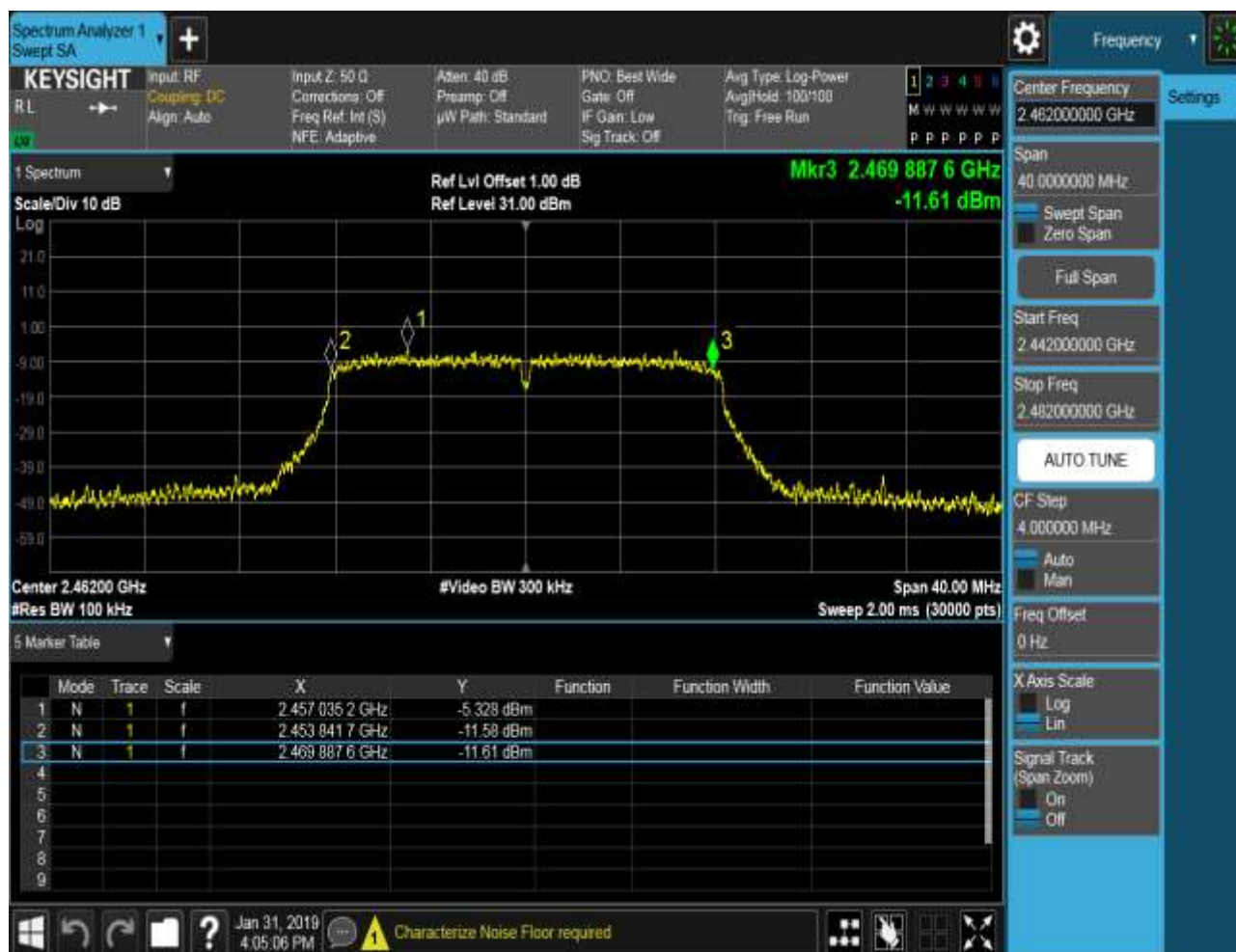
1.27 11G20CDD_Ant1_2457



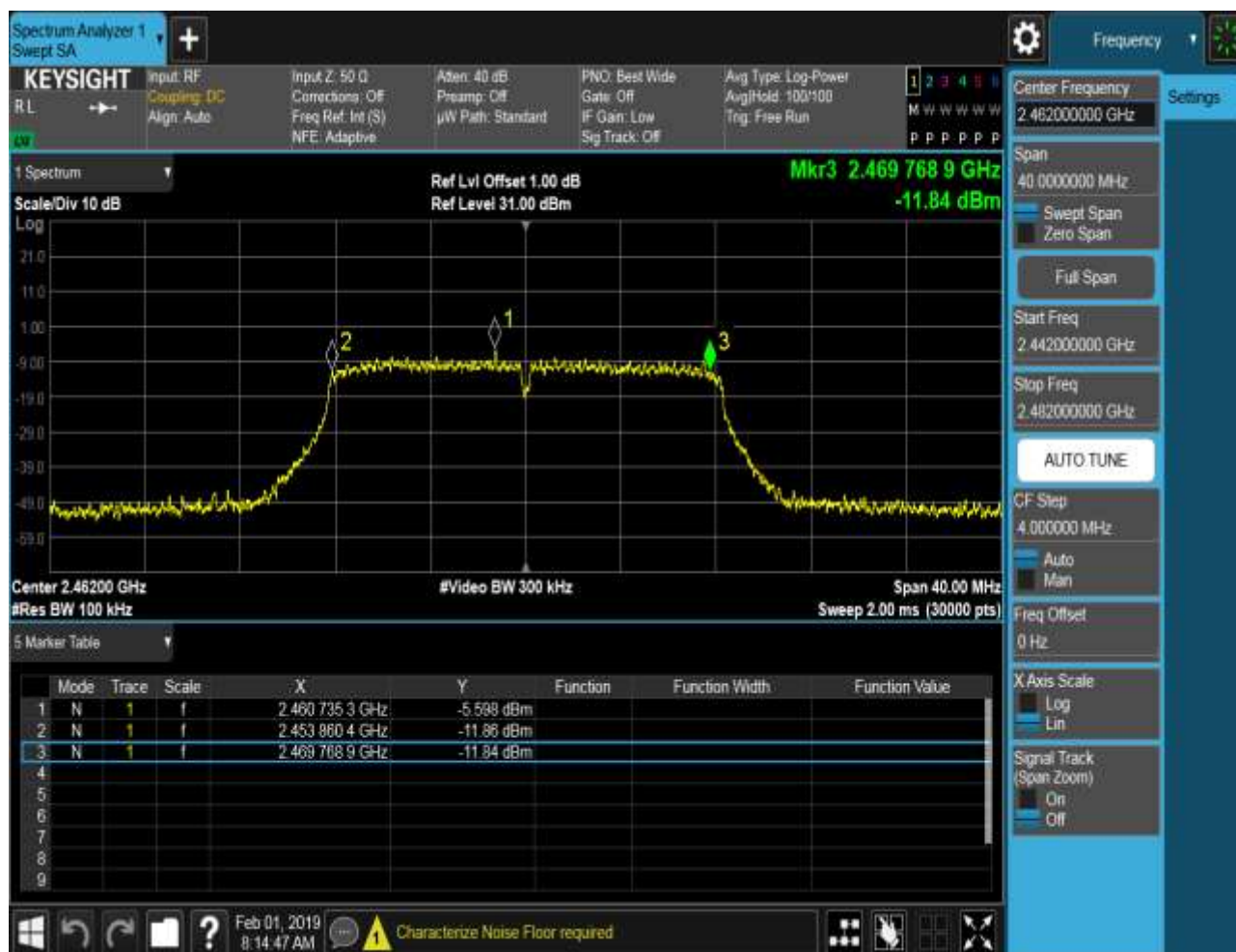
1.28 11G20CDD_Ant2_2457



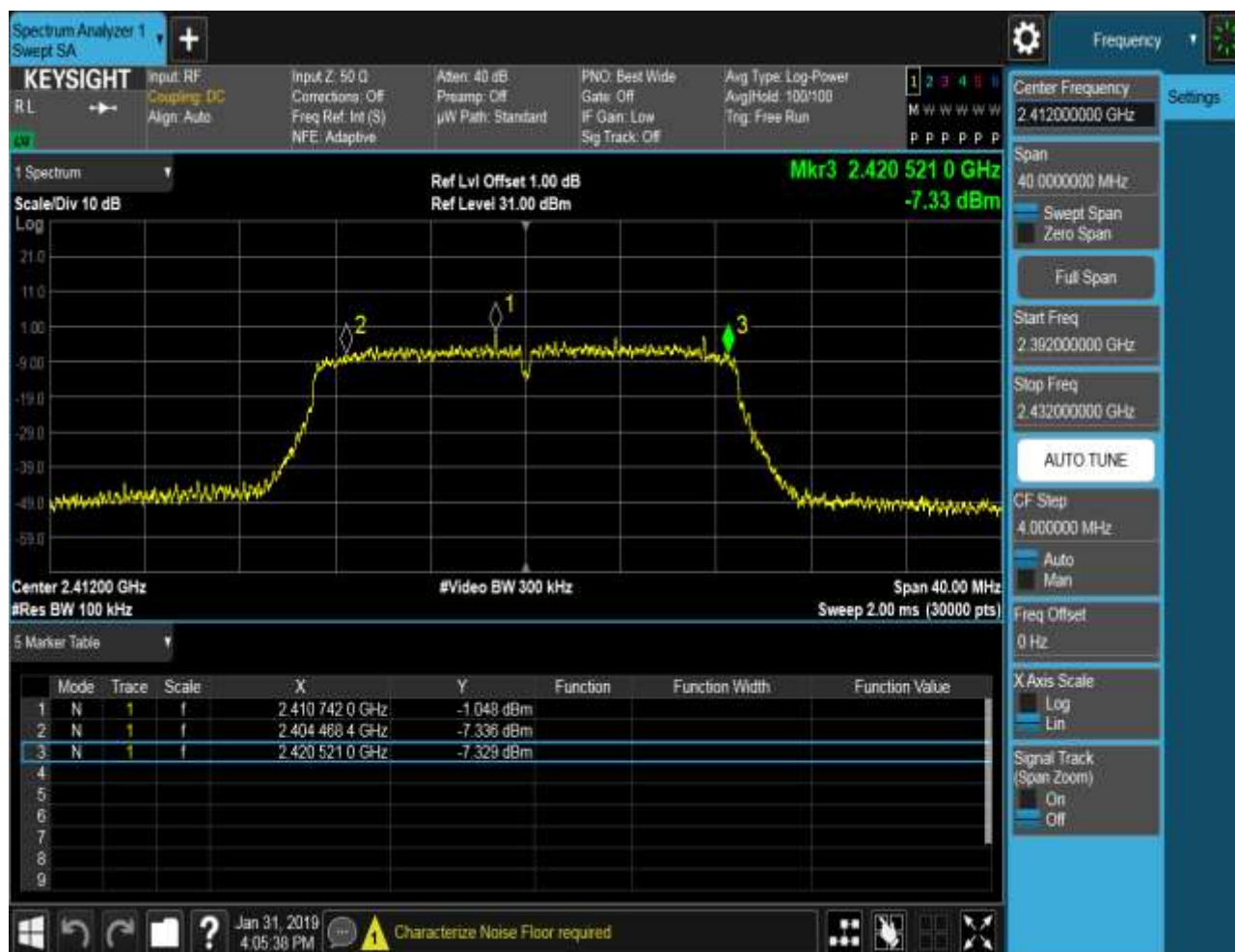
1.29 11G20CDD_Ant1_2462



1.30 11G20CDD_Ant2_2462



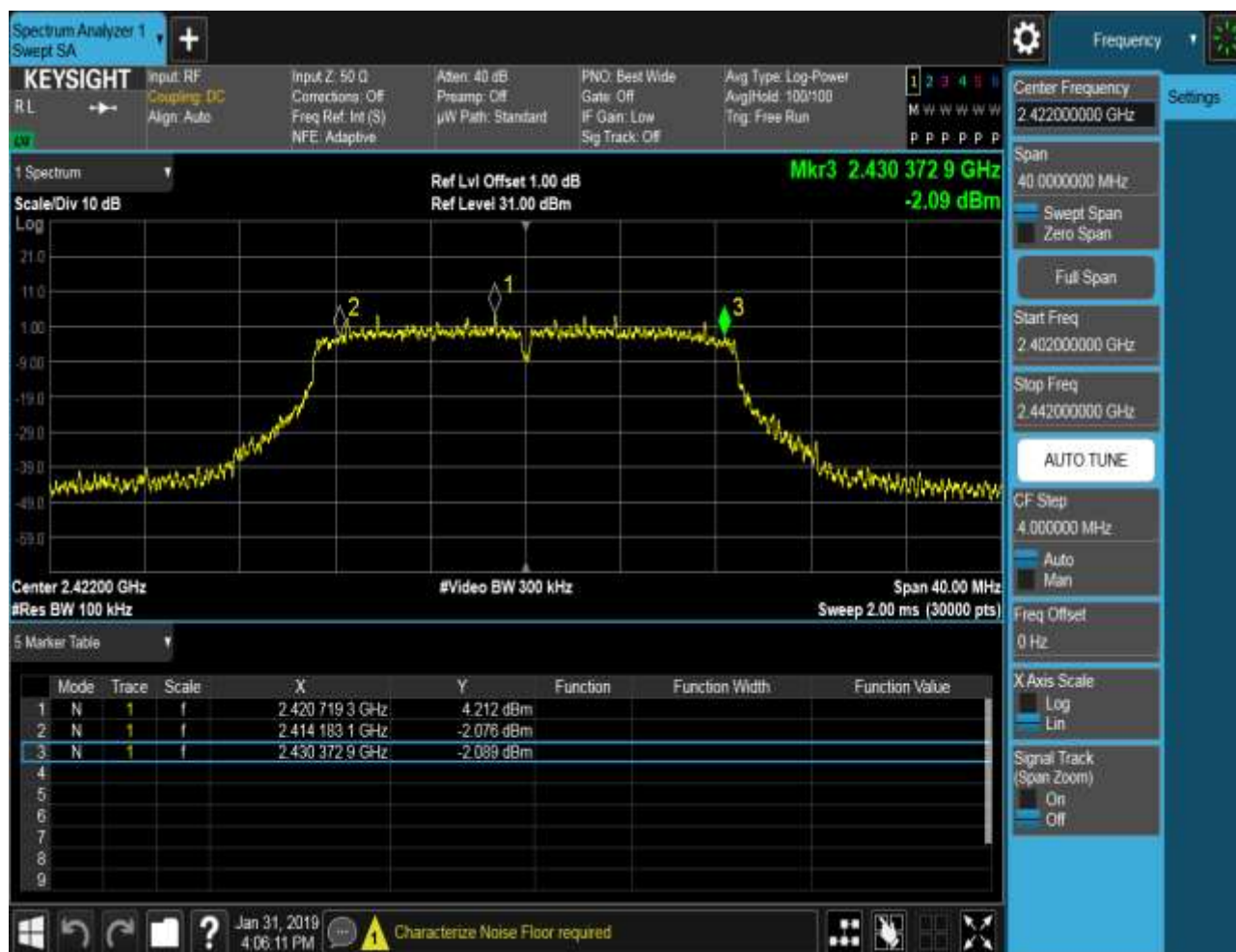
1.31 11N20SISO_Ant1_2412



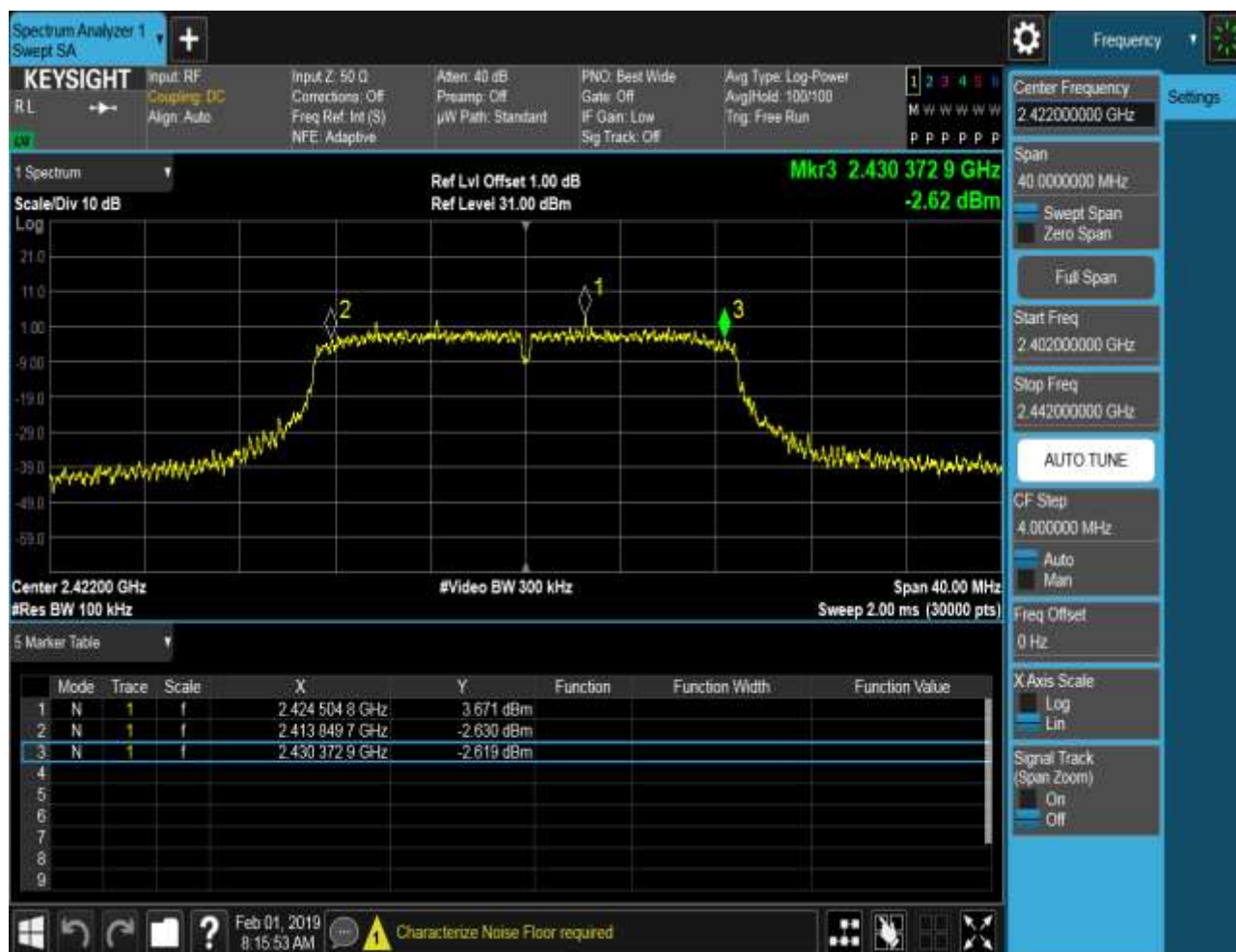
1.32 11N20SISO_Ant2_2412



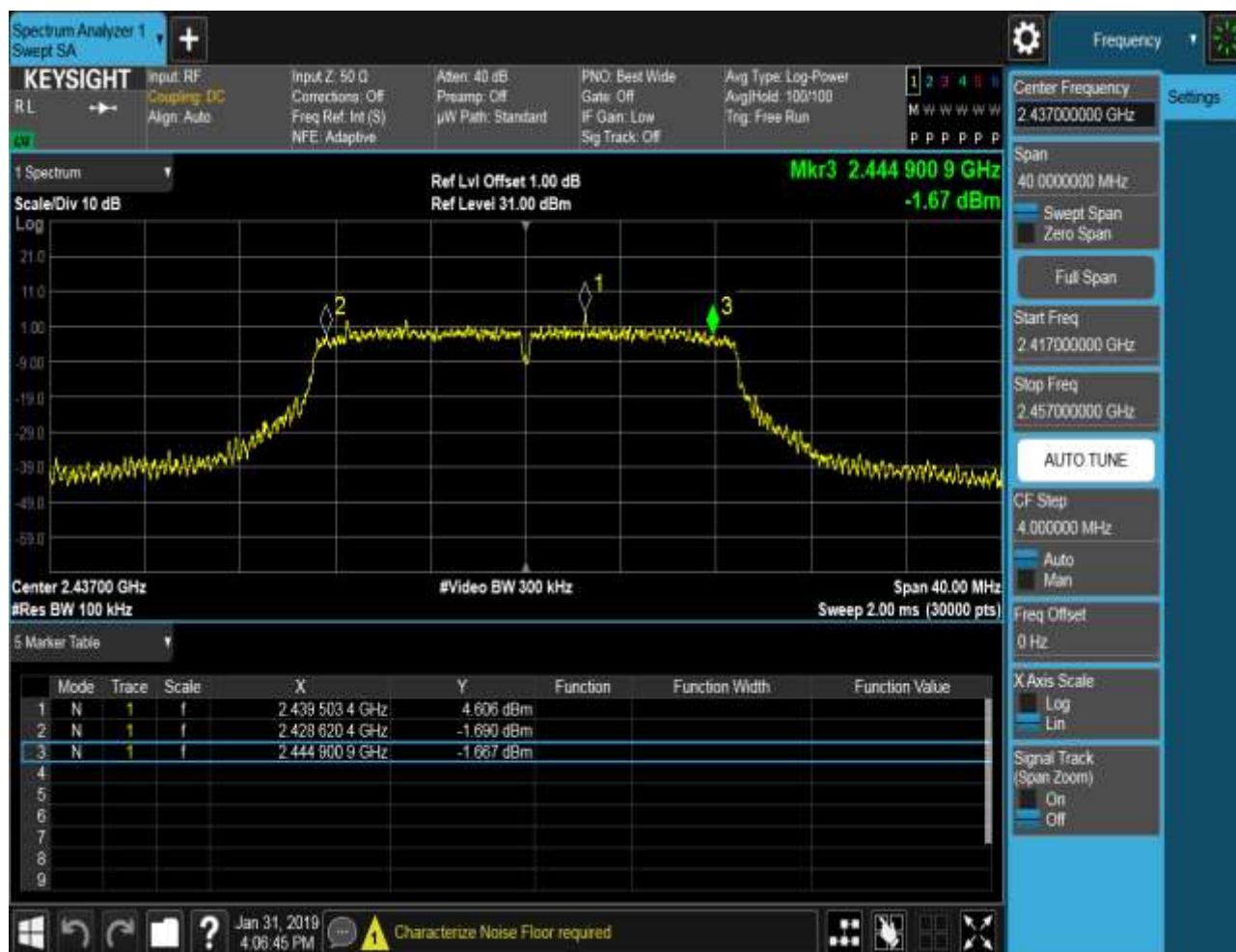
1.33 11N20SISO_Ant1_2422



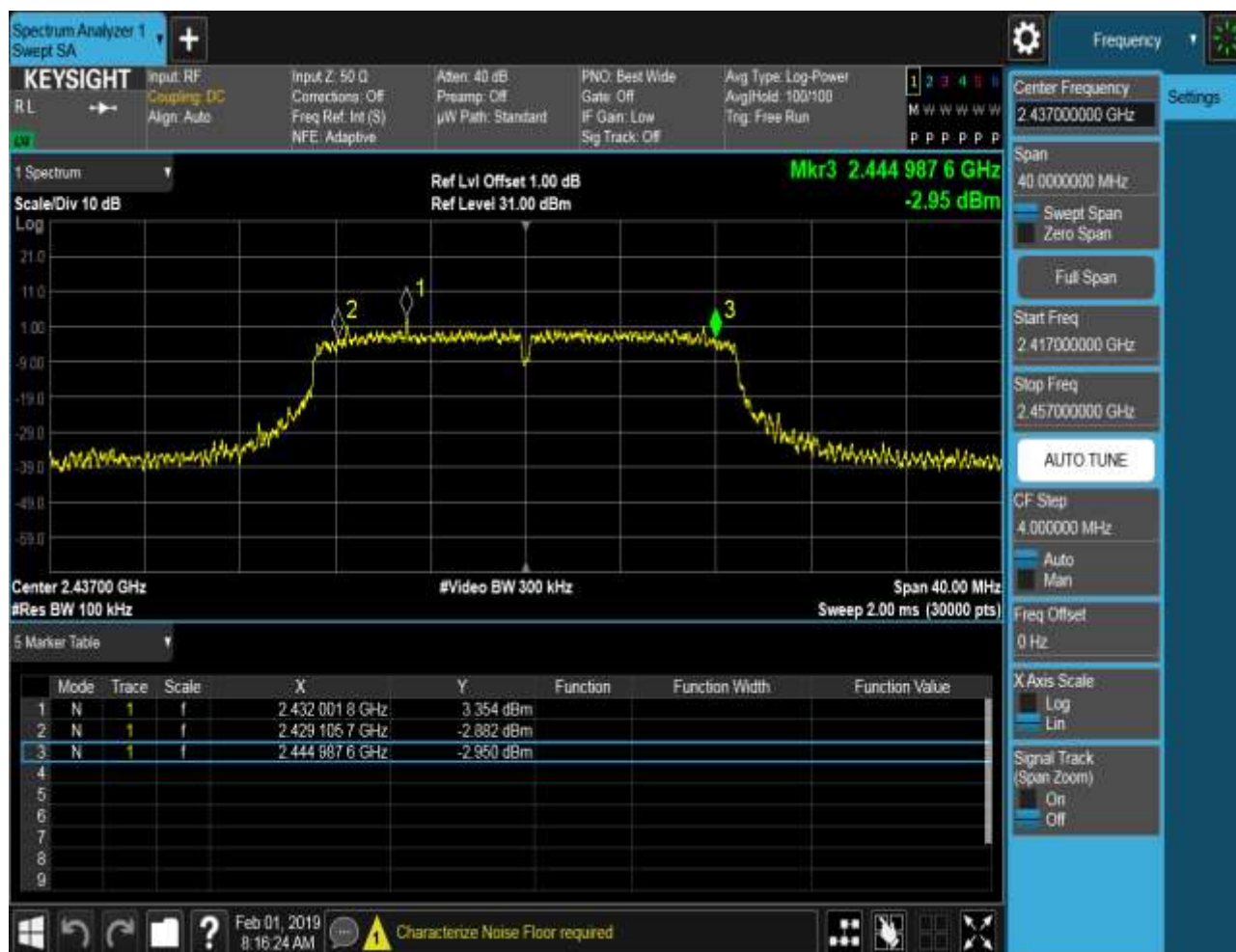
1.34 11N20SISO_Ant2_2422



1.35 11N20SISO_Ant1_2437



1.36 11N20SISO_Ant2_2437



1.37 11N20SISO_Ant1_2452



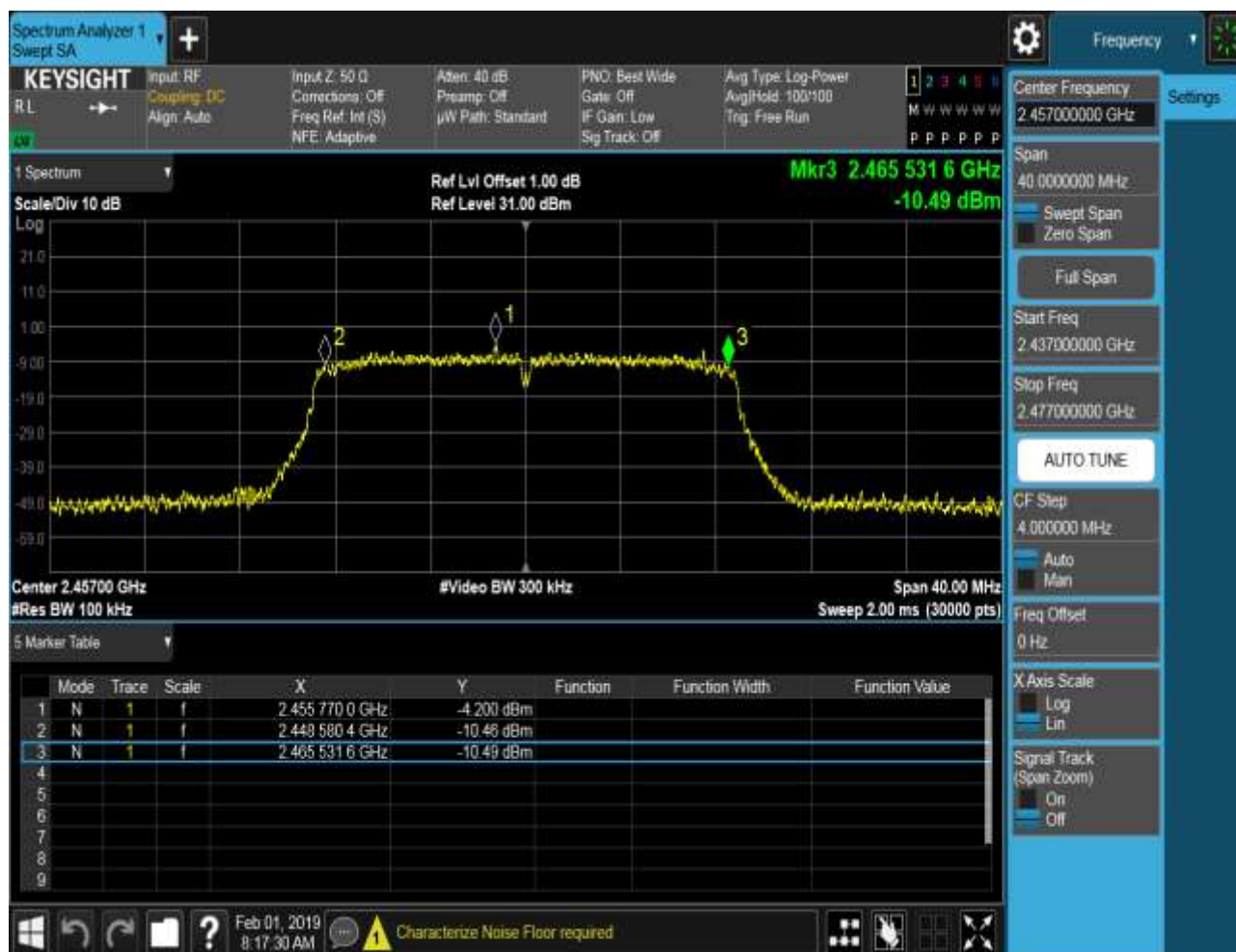
1.38 11N20SISO_Ant2_2452



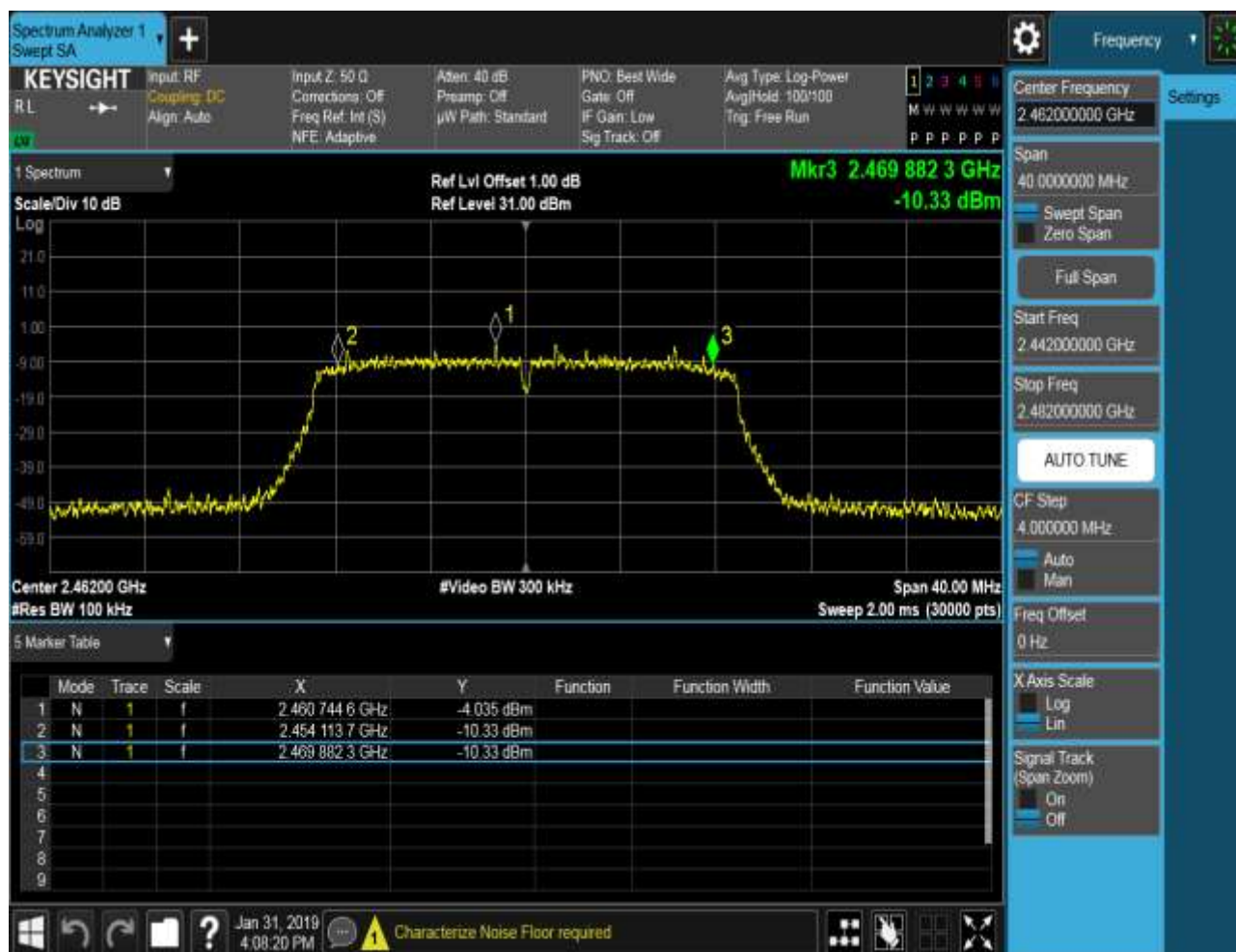
1.39 11N20SISO_Ant1_2457



1.40 11N20SISO_Ant2_2457



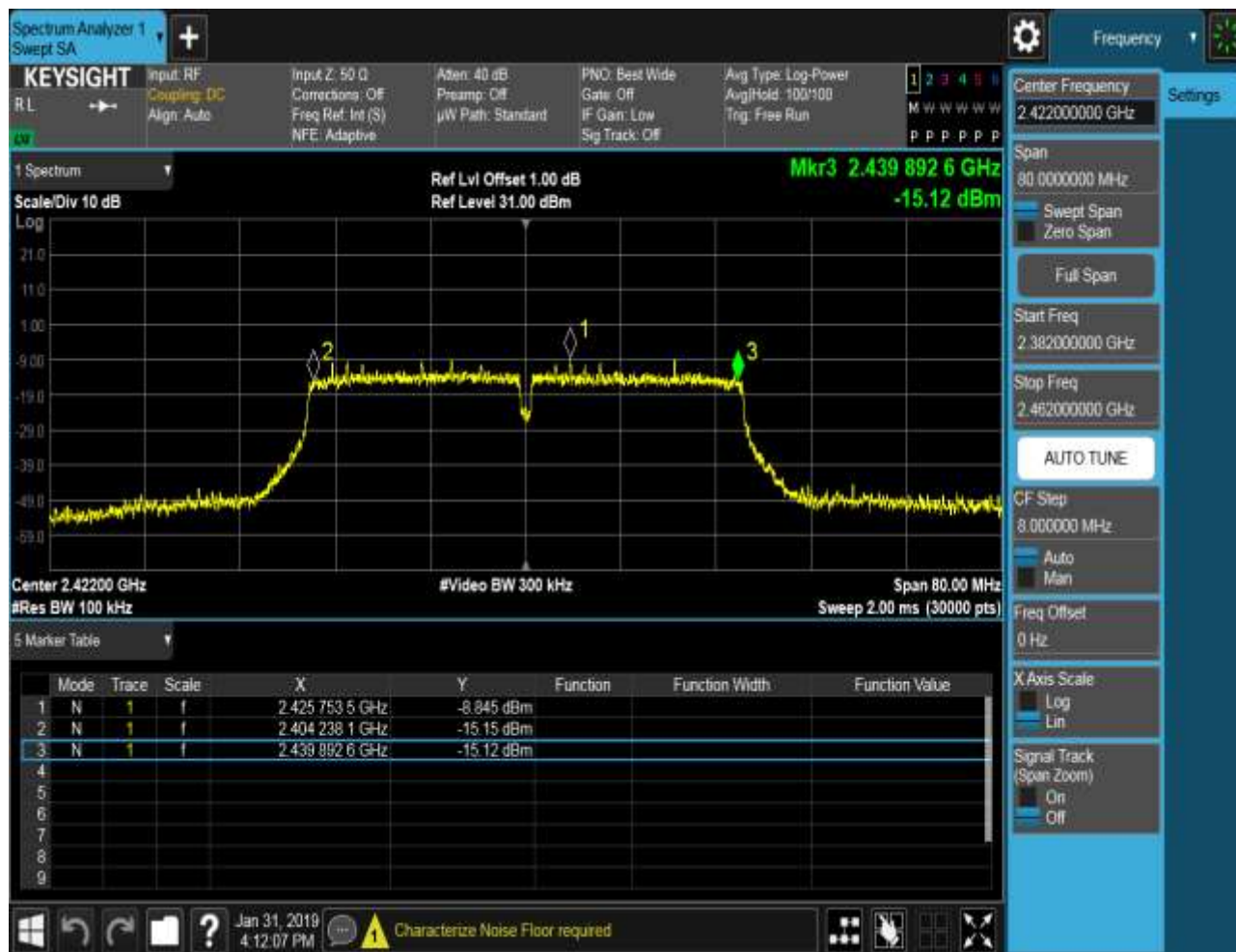
1.41 11N20SISO_Ant1_2462



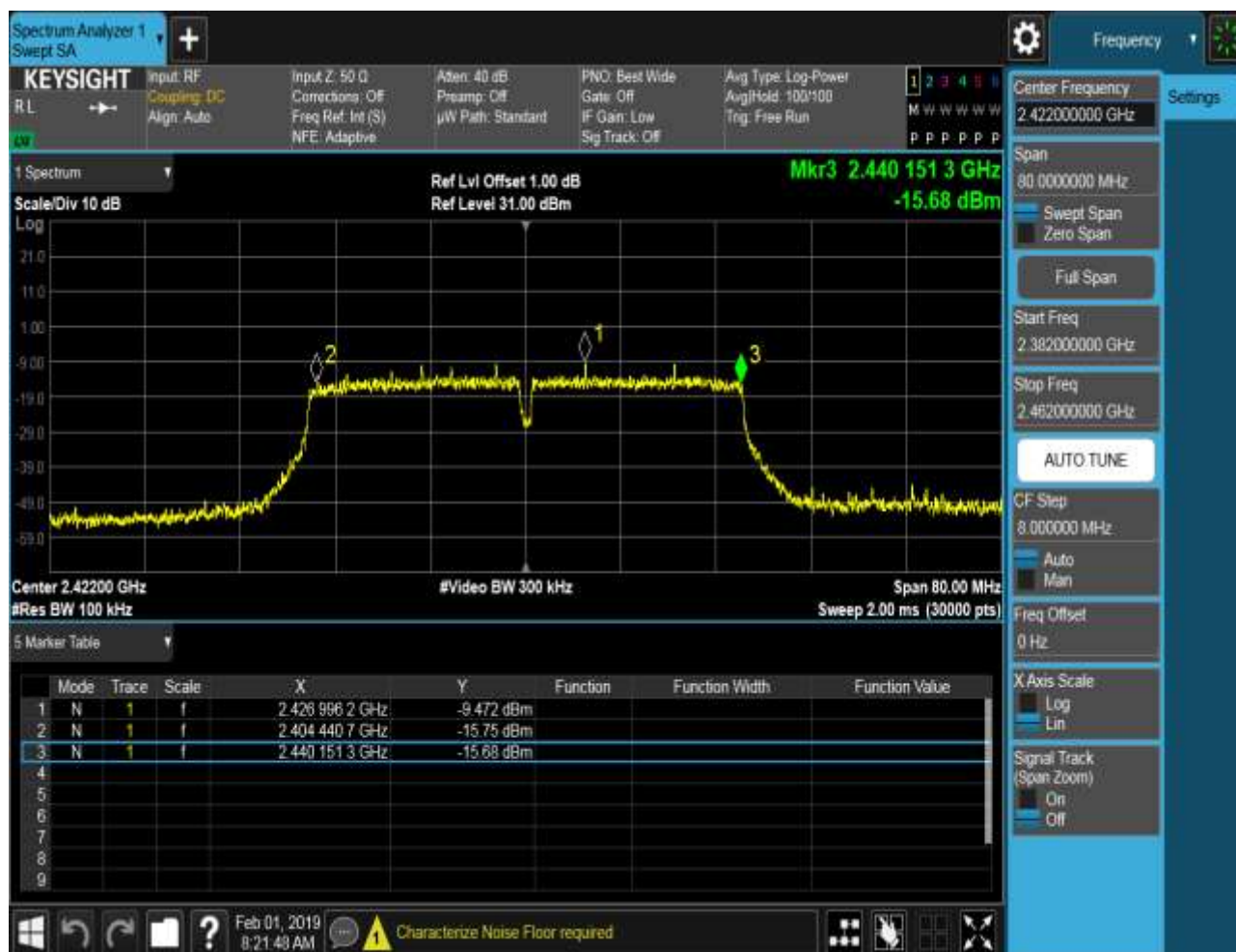
1.42 11N20SISO_Ant2_2462



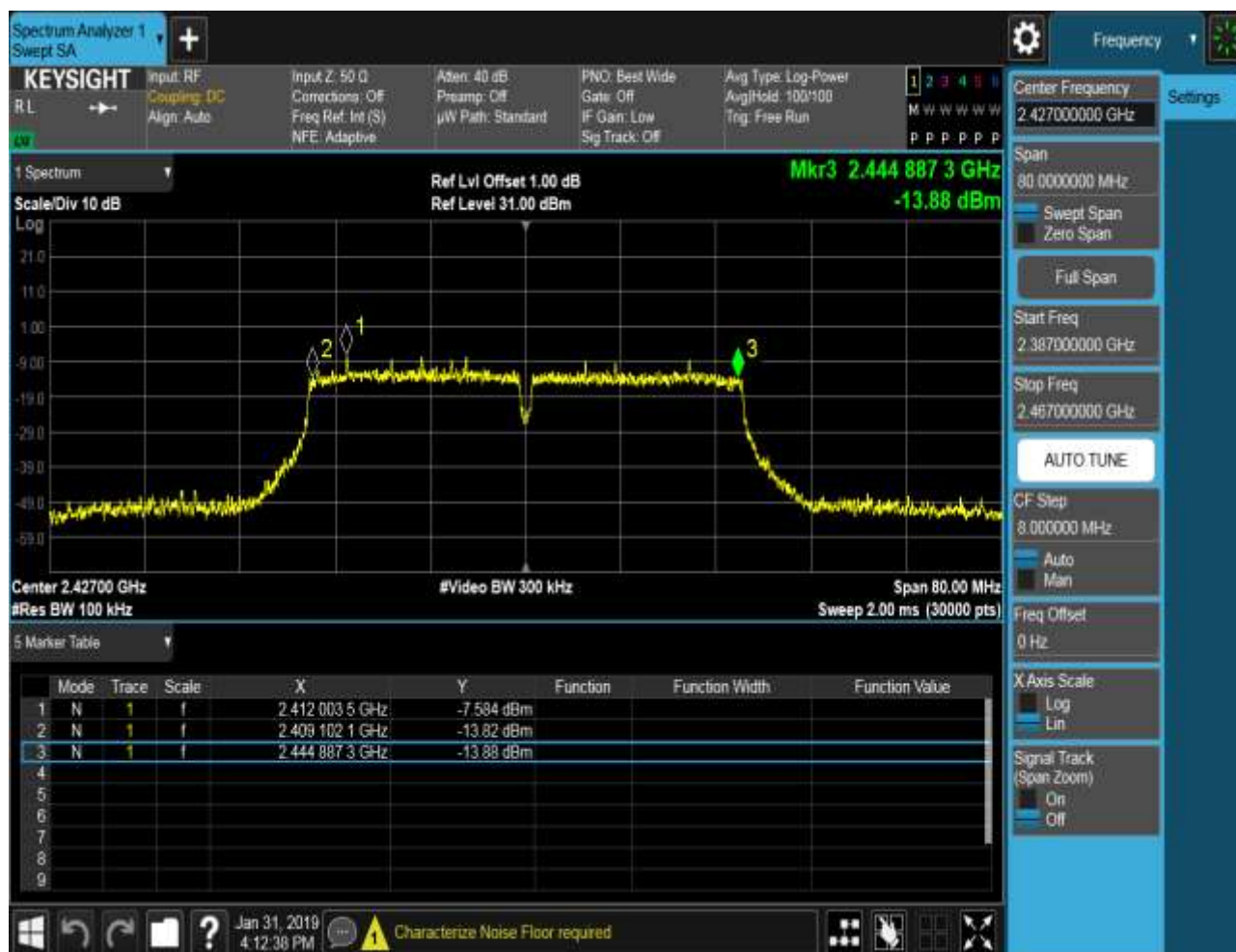
1.43 11N40SISO_Ant1_2422



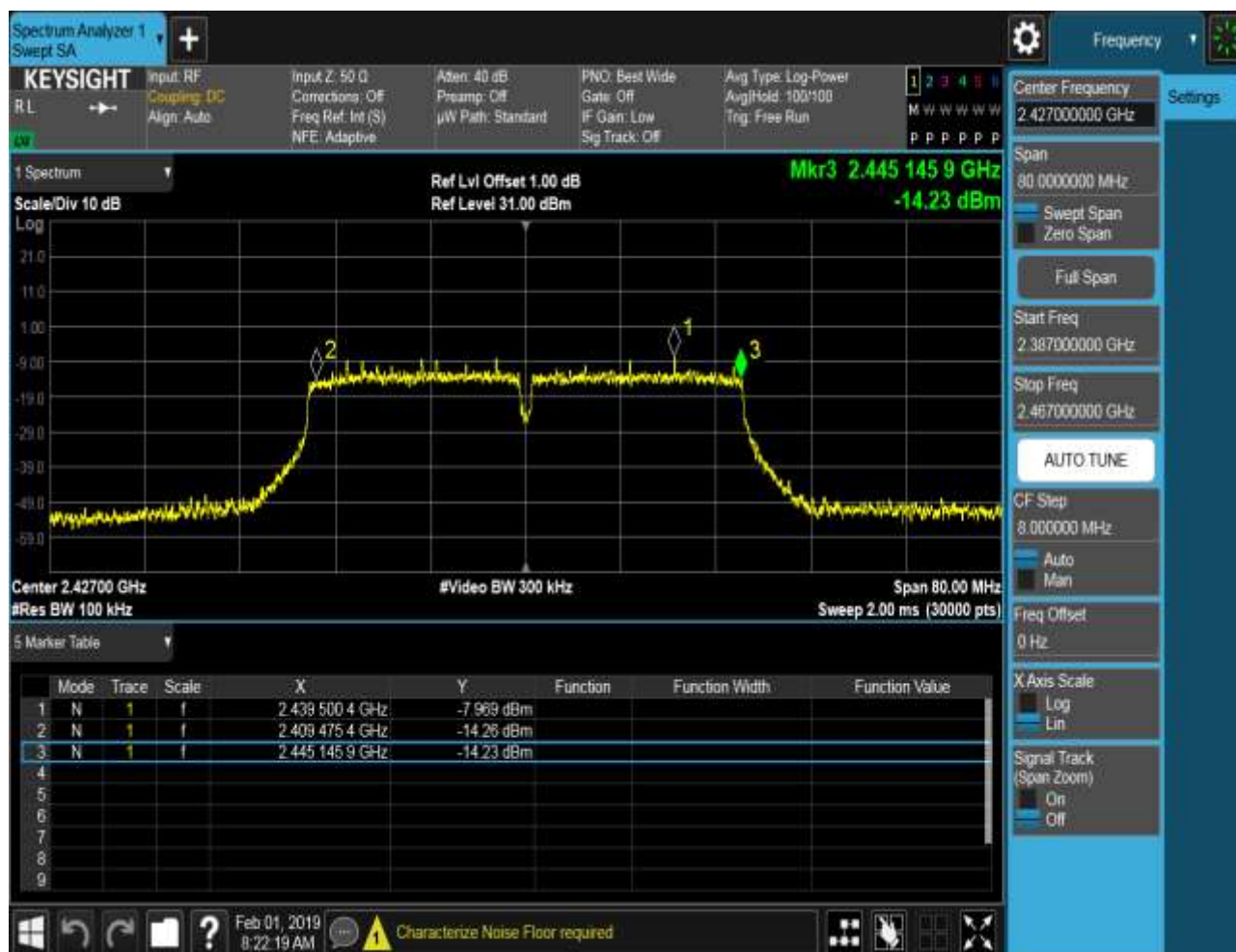
1.44 11N40SISO_Ant2_2422



1.45 11N40SISO_Ant1_2427



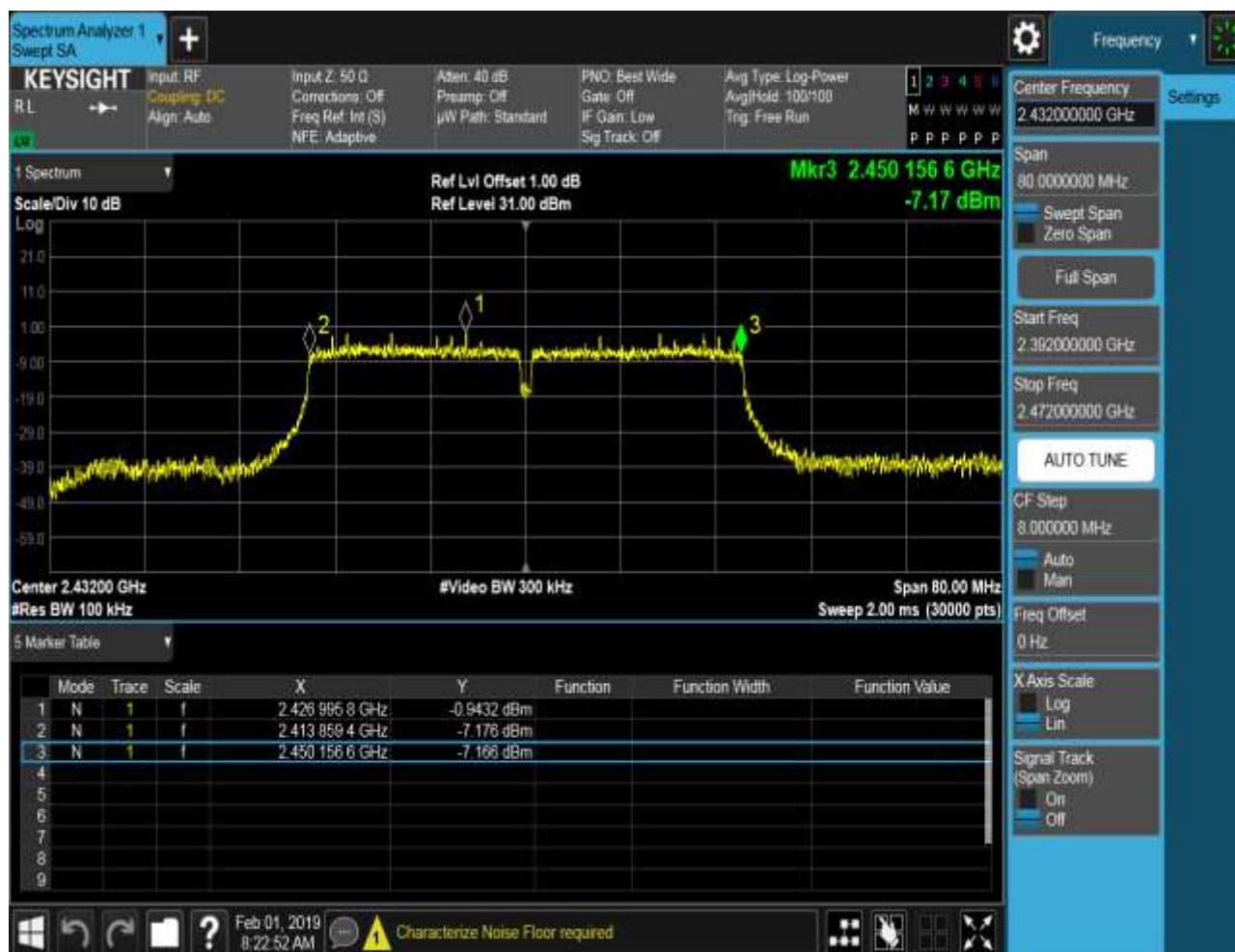
1.46 11N40SISO_Ant2_2427



1.47 11N40SISO_Ant1_2432



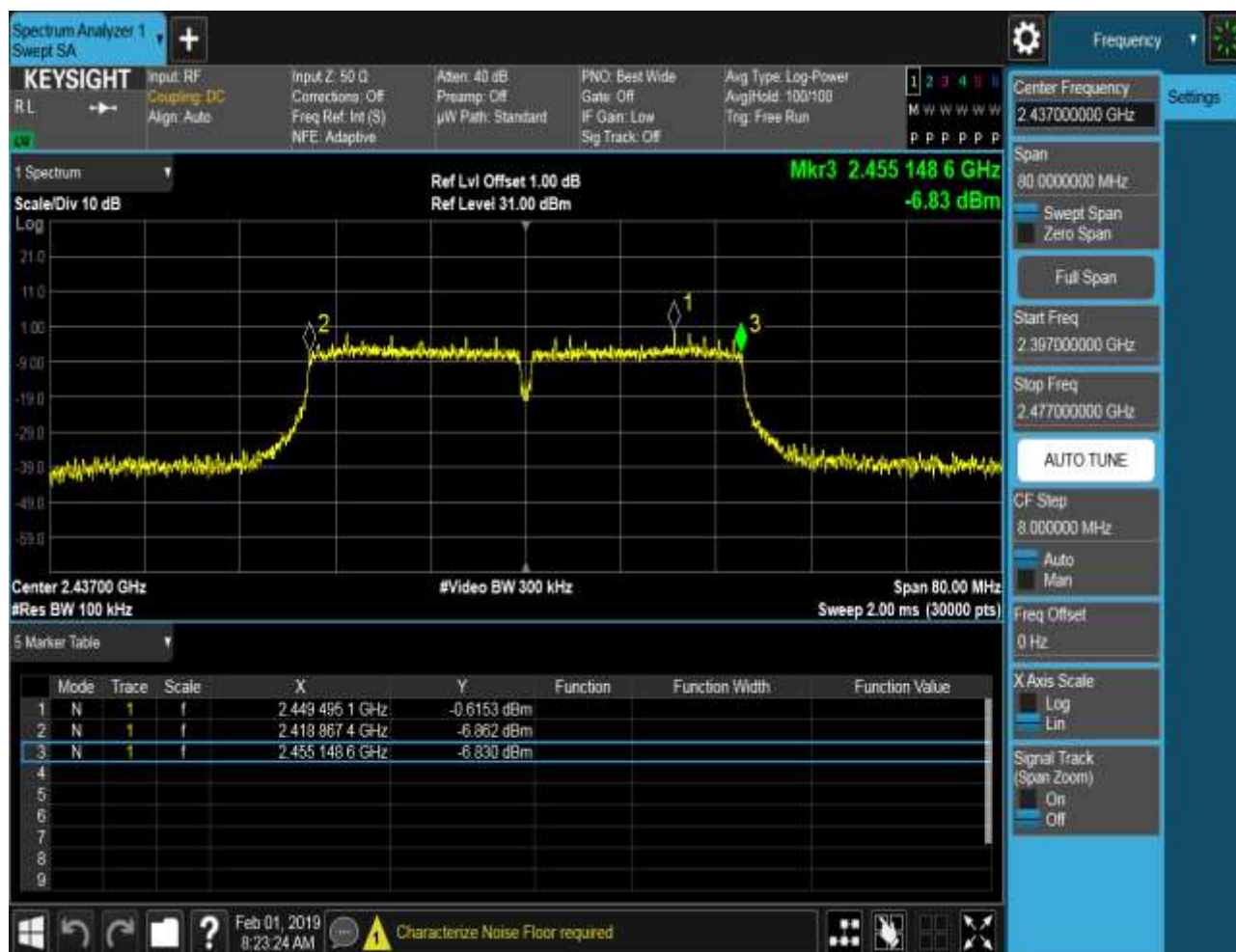
1.48 11N40SISO_Ant2_2432



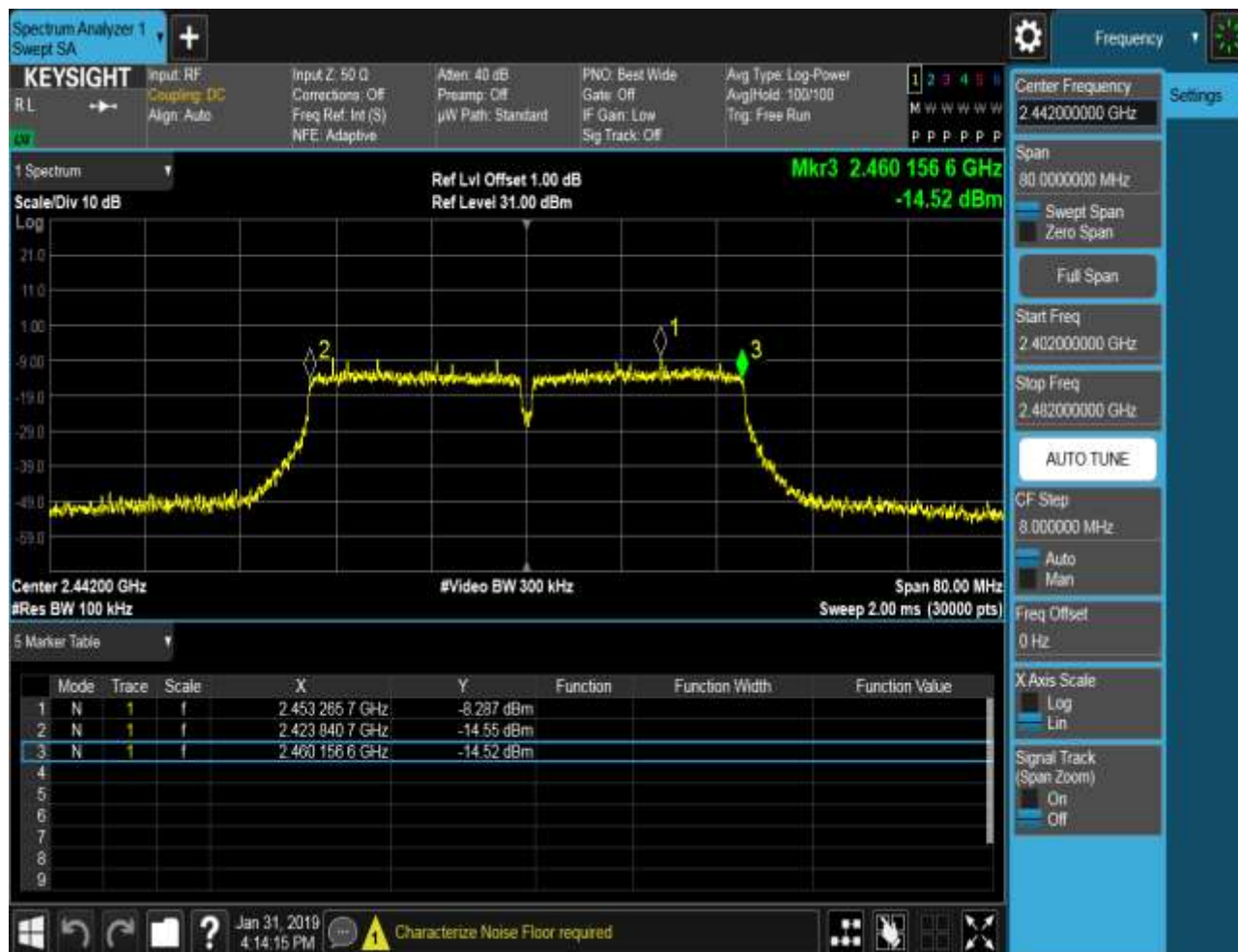
1.49 11N40SISO_Ant1_2437



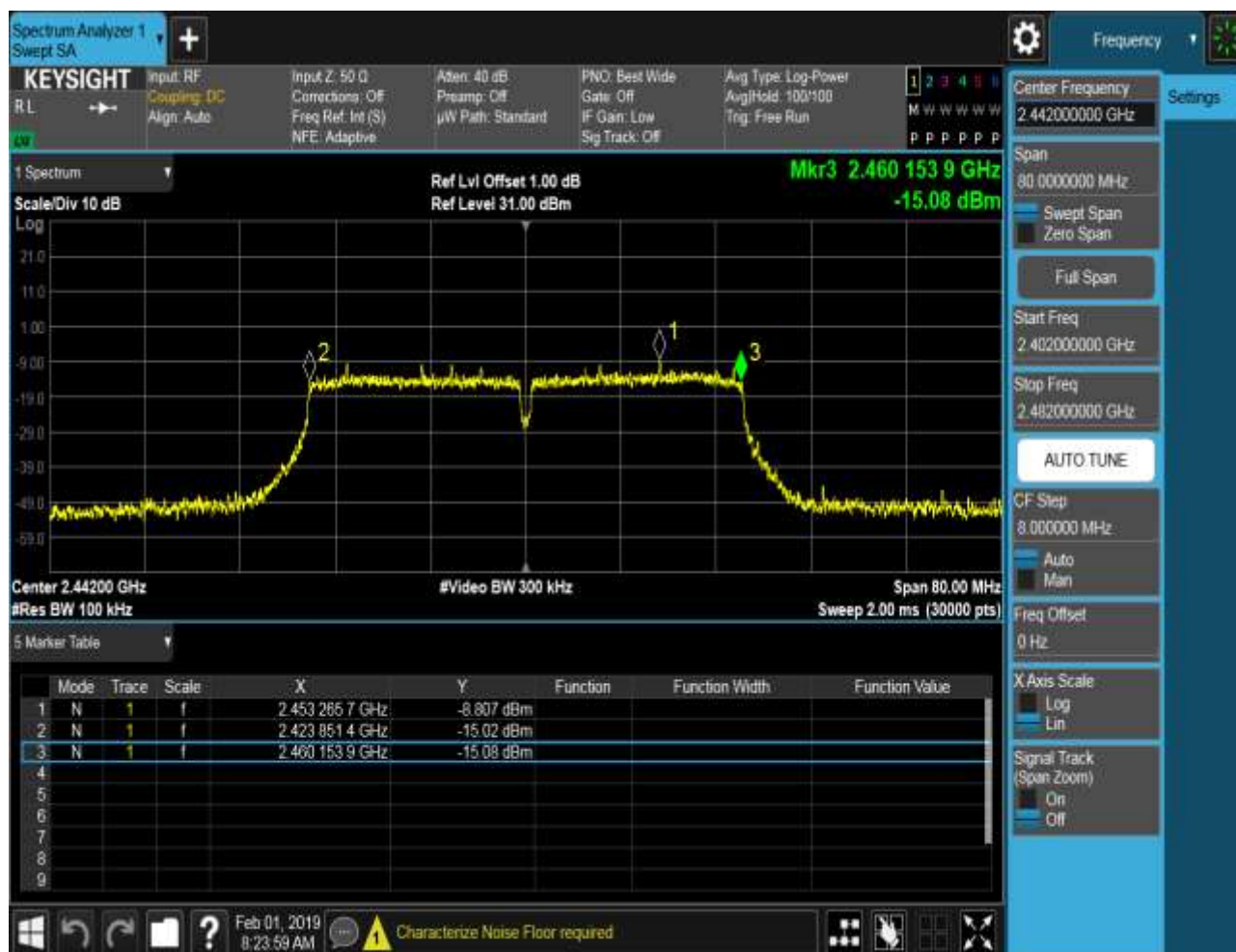
1.50 11N40SISO_Ant2_2437



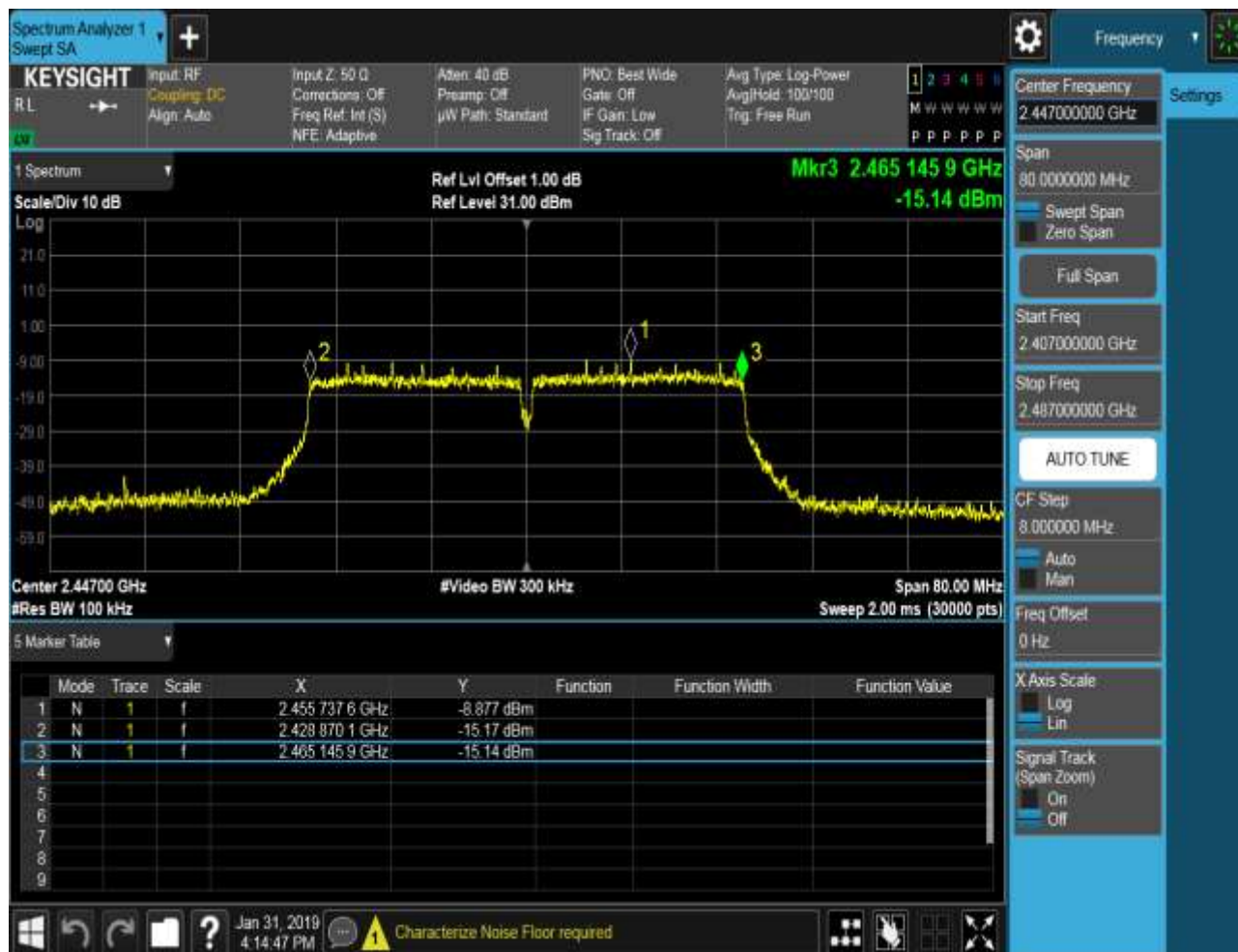
1.51 11N40SISO_Ant1_2442



1.52 11N40SISO_Ant2_2442



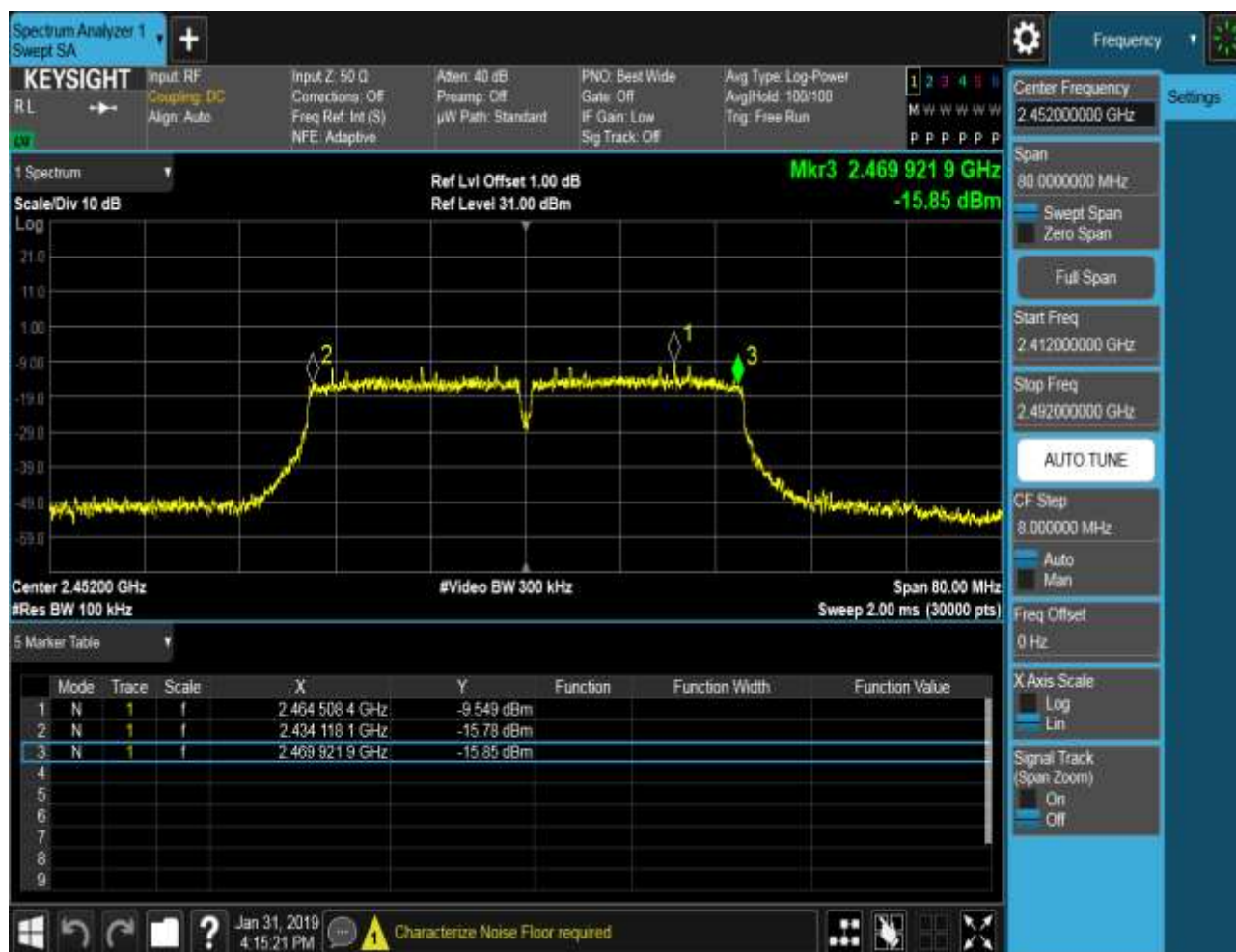
1.53 11N40SISO_Ant1_2447



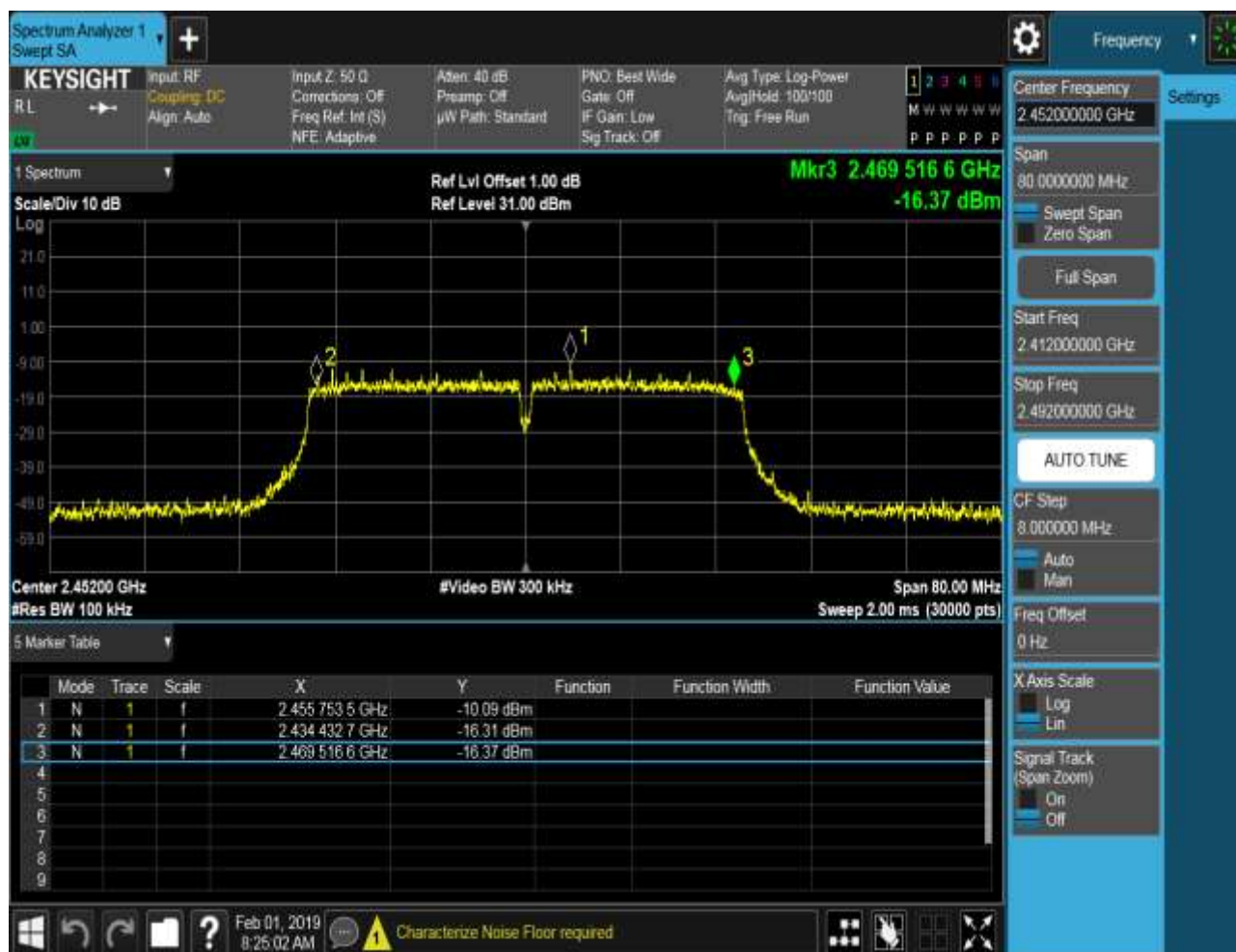
1.54 11N40SISO_Ant2_2447



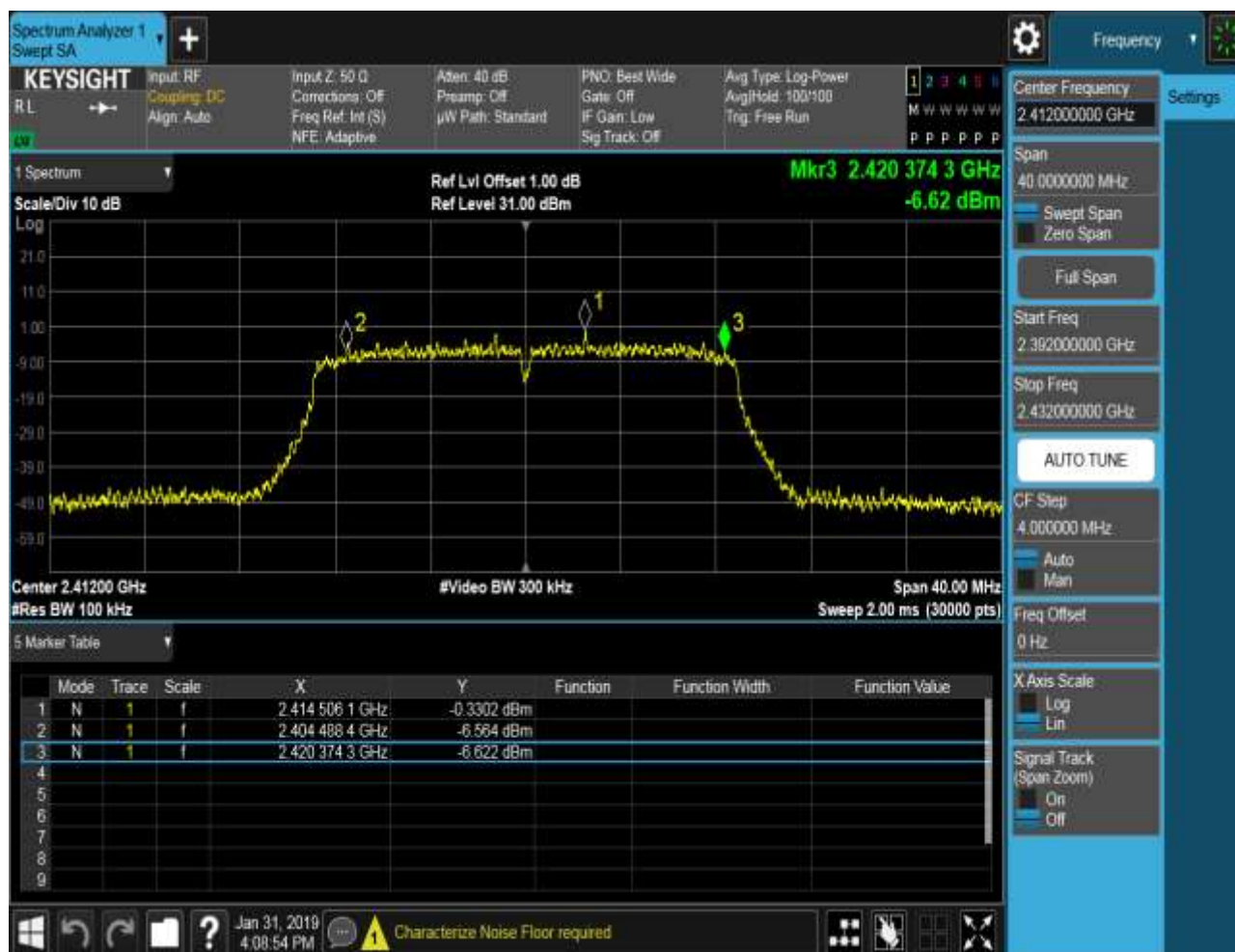
1.55 11N40SISO_Ant1_2452



1.56 11N40SISO_Ant2_2452



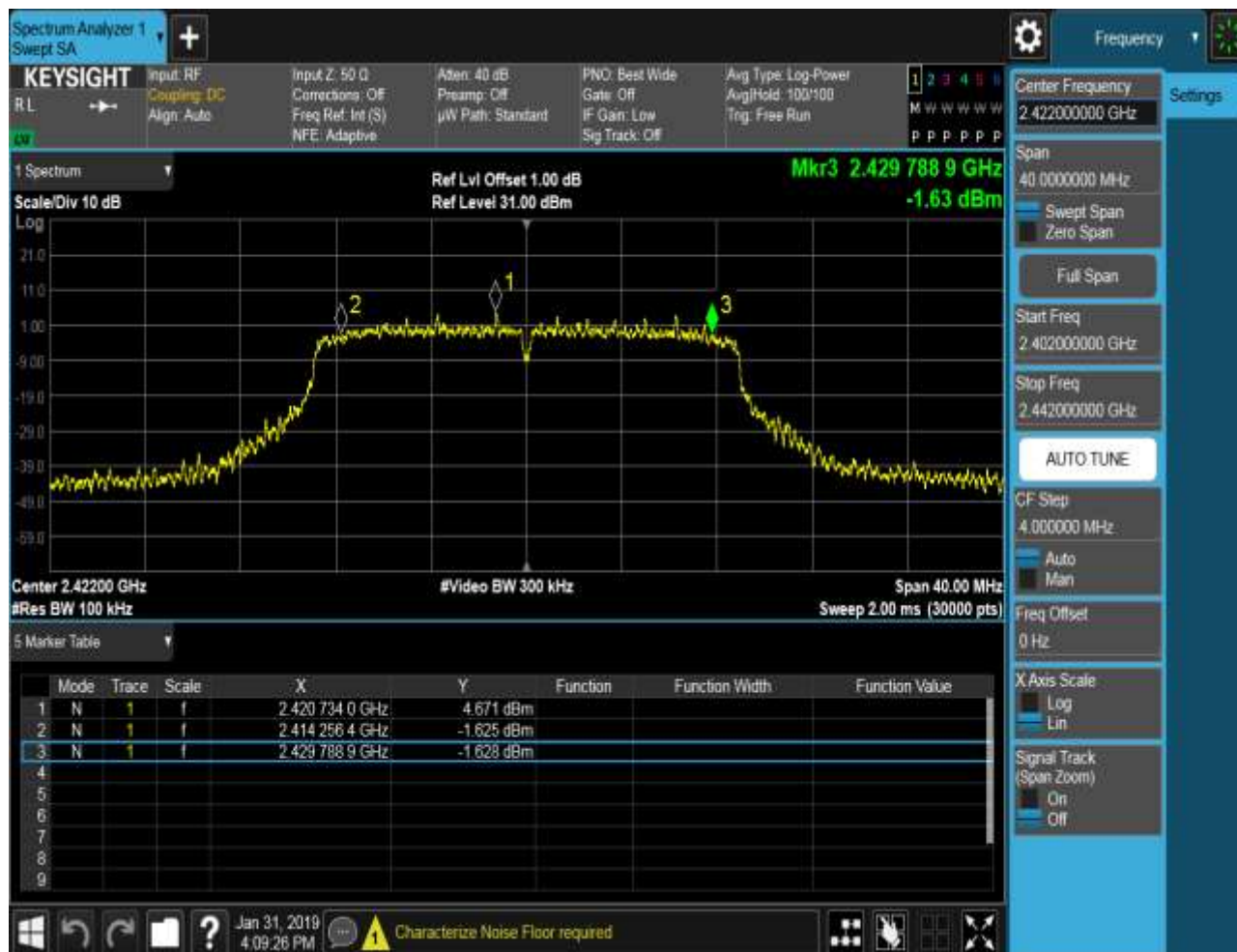
1.57 11N20MIMO_Ant1_2412



1.58 11N20MIMO_Ant2_2412



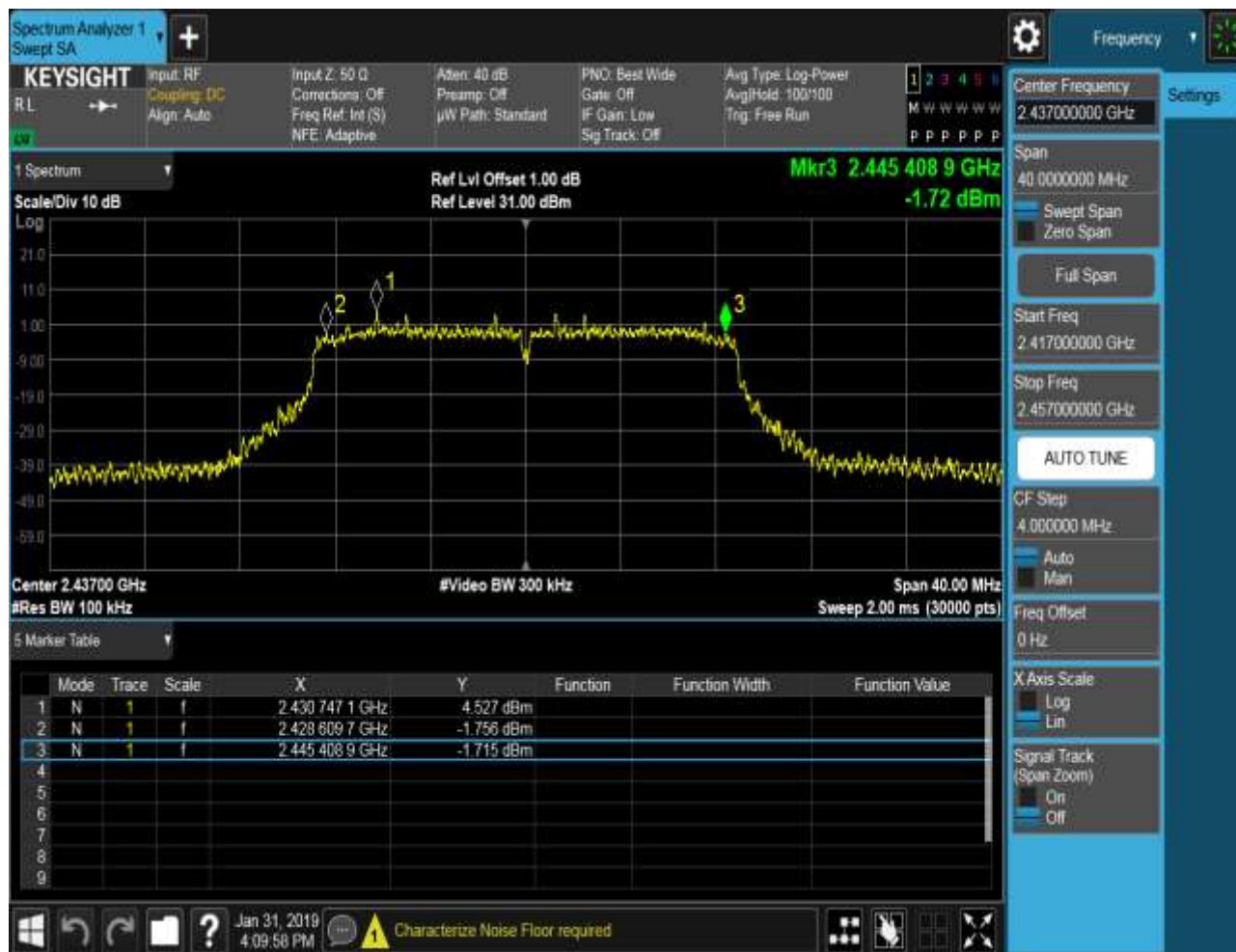
1.59 11N20MIMO_Ant1_2422



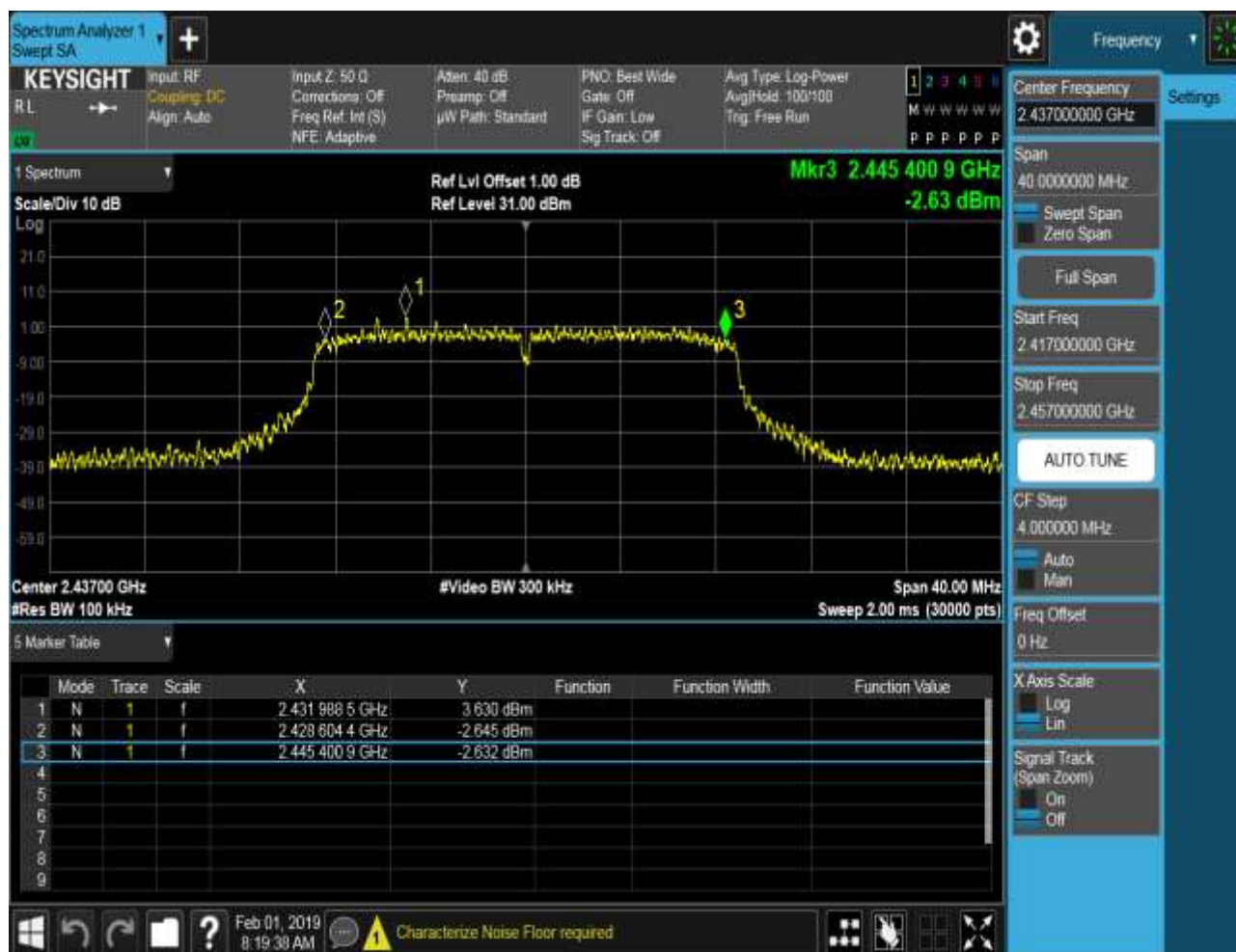
1.60 11N20MIMO_Ant2_2422



1.61 11N20MIMO_Ant1_2437



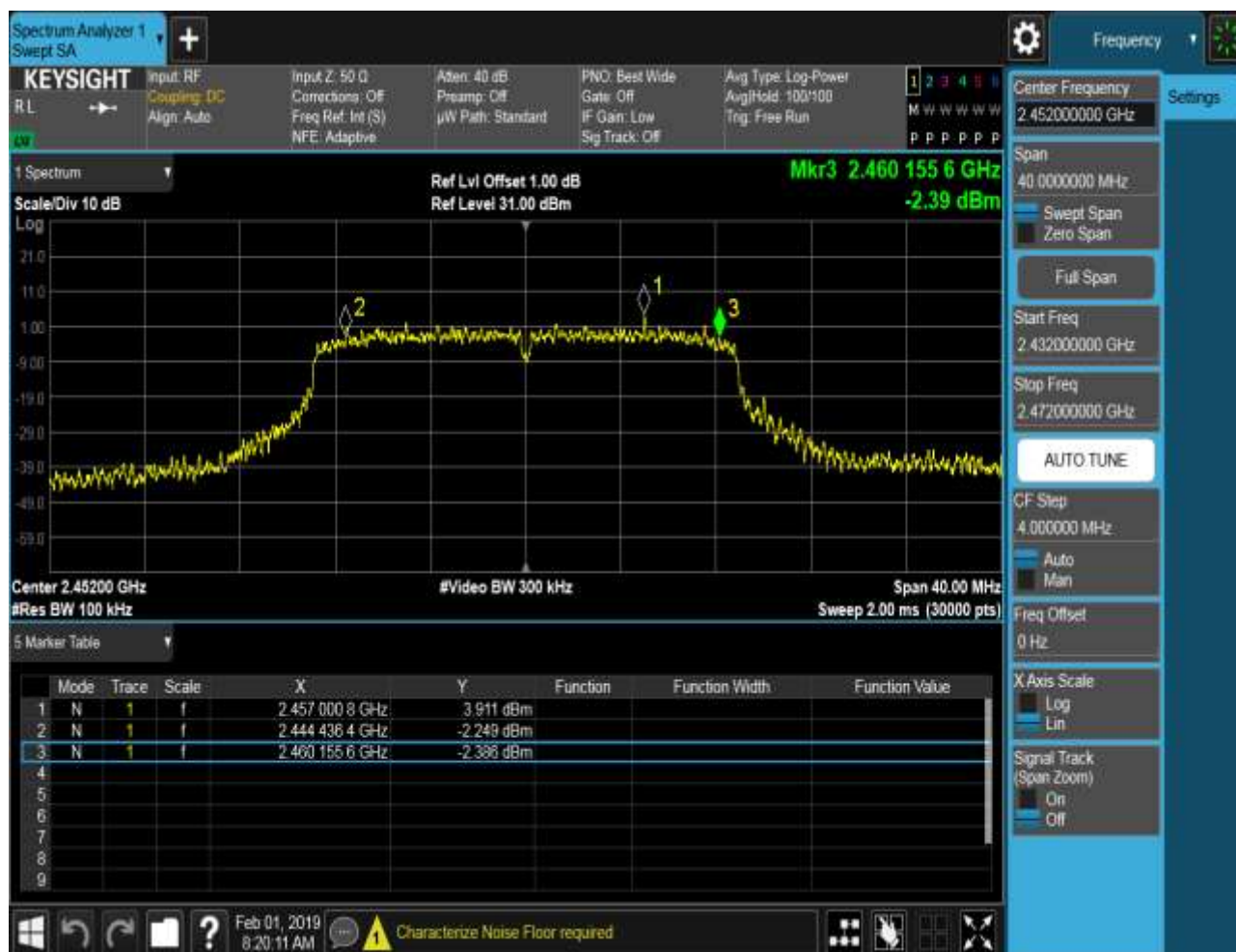
1.62 11N20MIMO_Ant2_2437



1.63 11N20MIMO_Ant1_2452



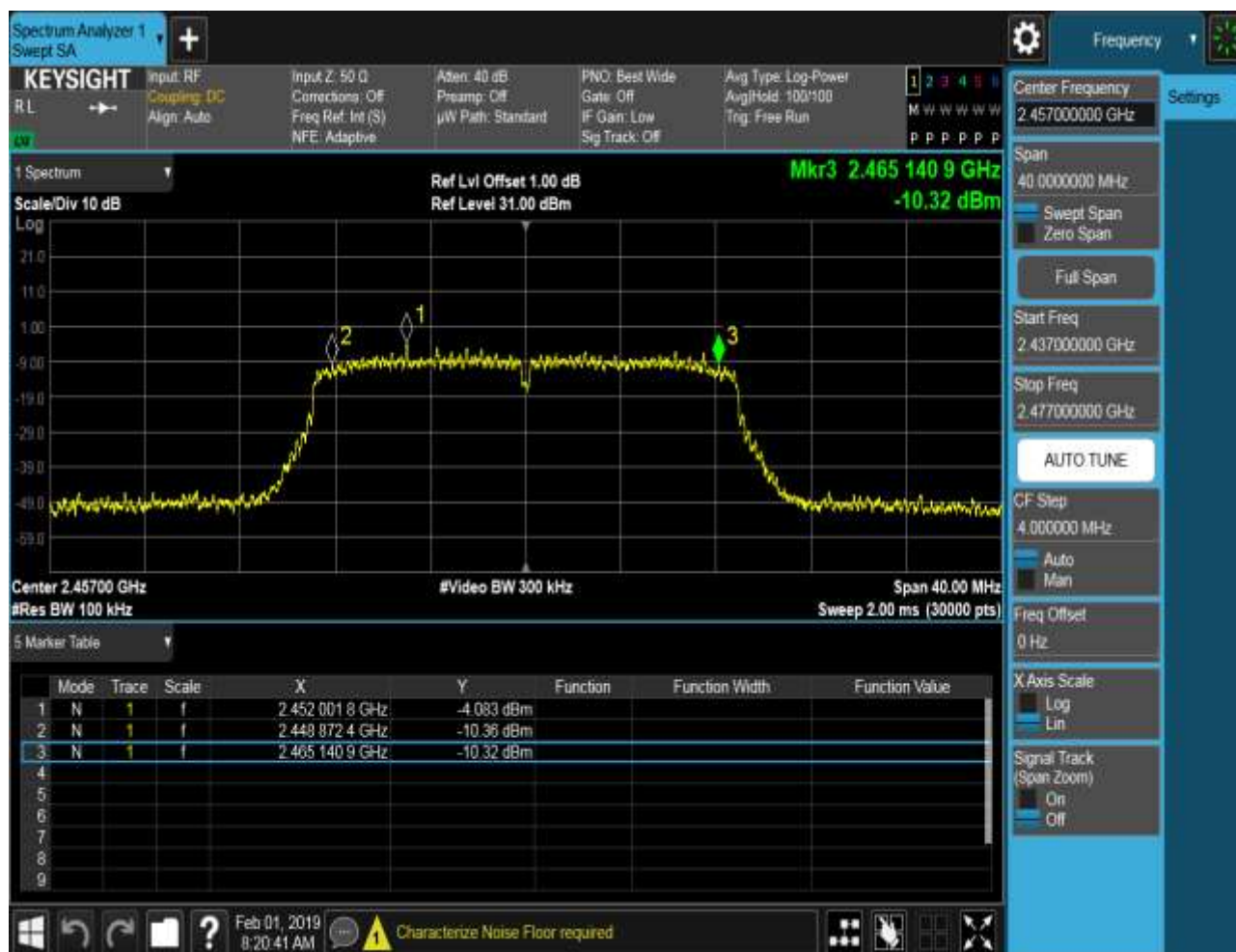
1.64 11N20MIMO_Ant2_2452



1.65 11N20MIMO_Ant1_2457



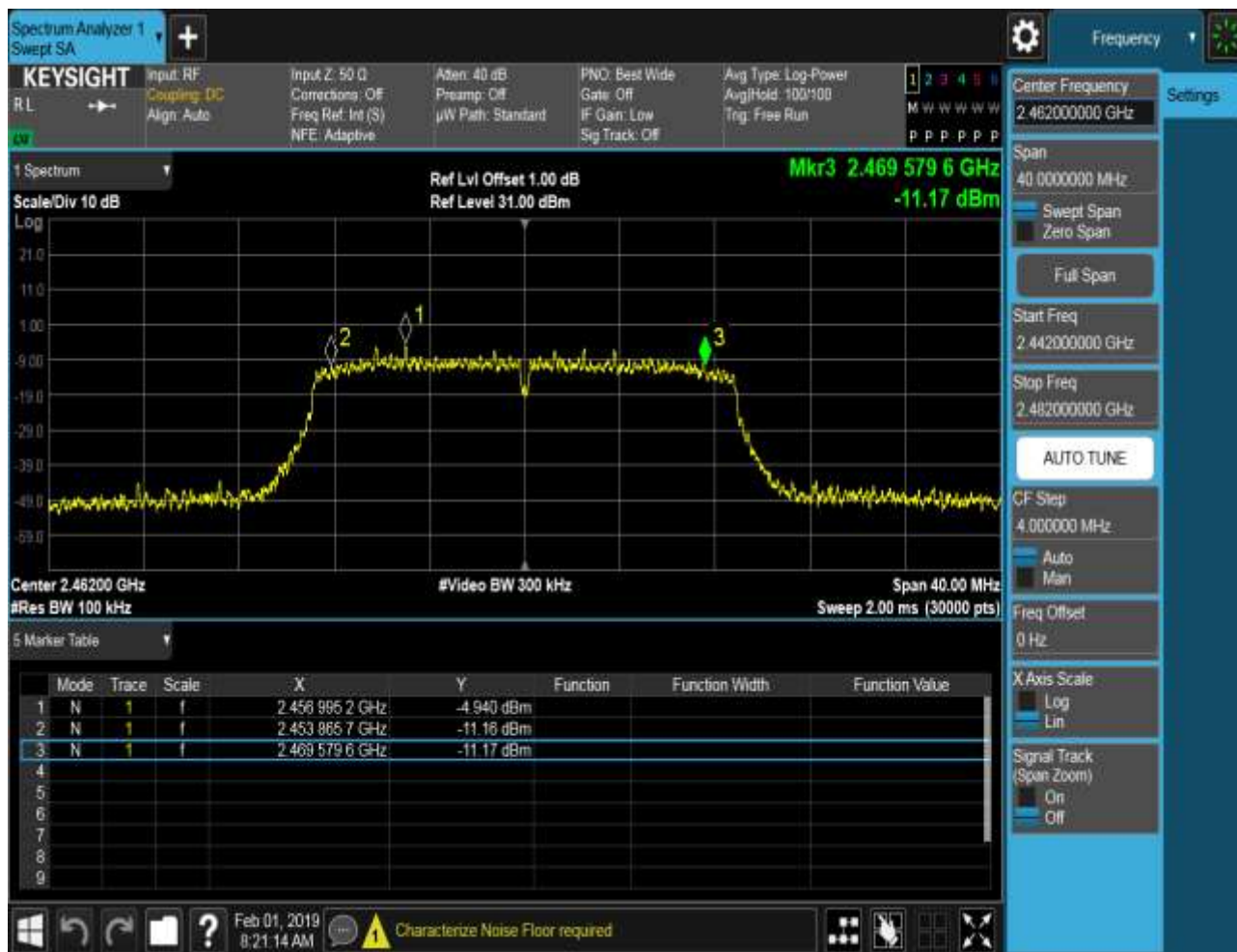
1.66 11N20MIMO_Ant2_2457



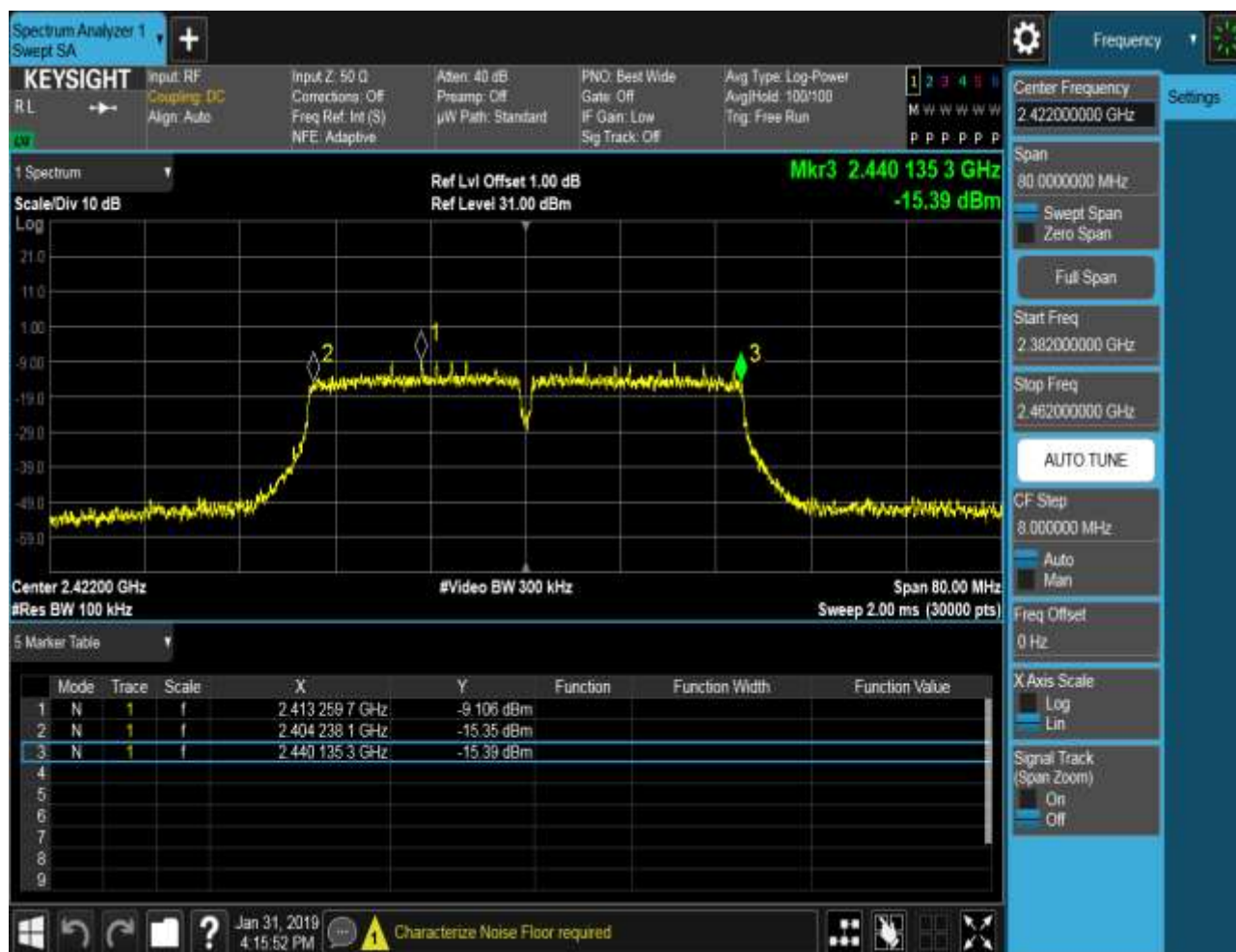
1.67 11N20MIMO_Ant1_2462



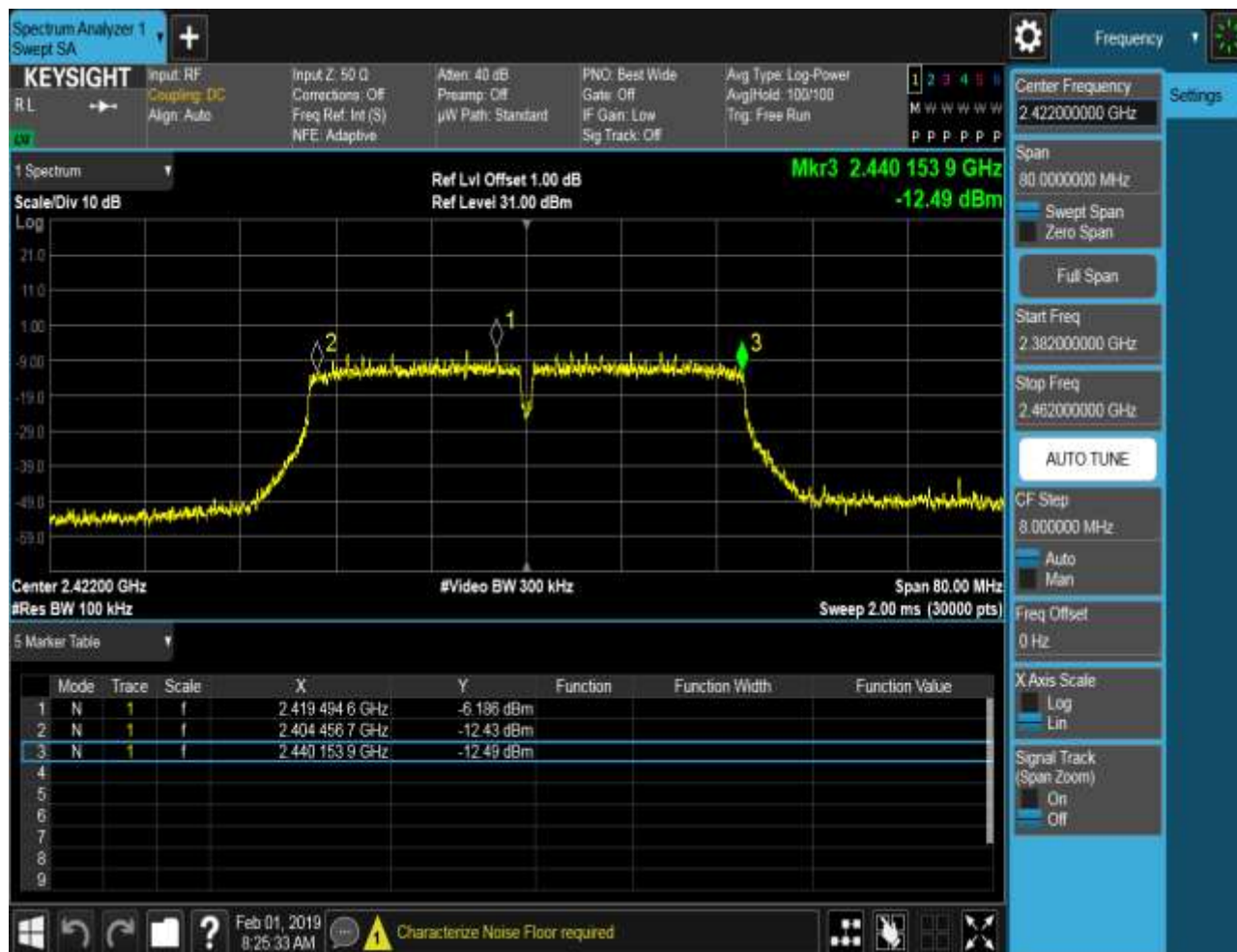
1.68 11N20MIMO_Ant2_2462



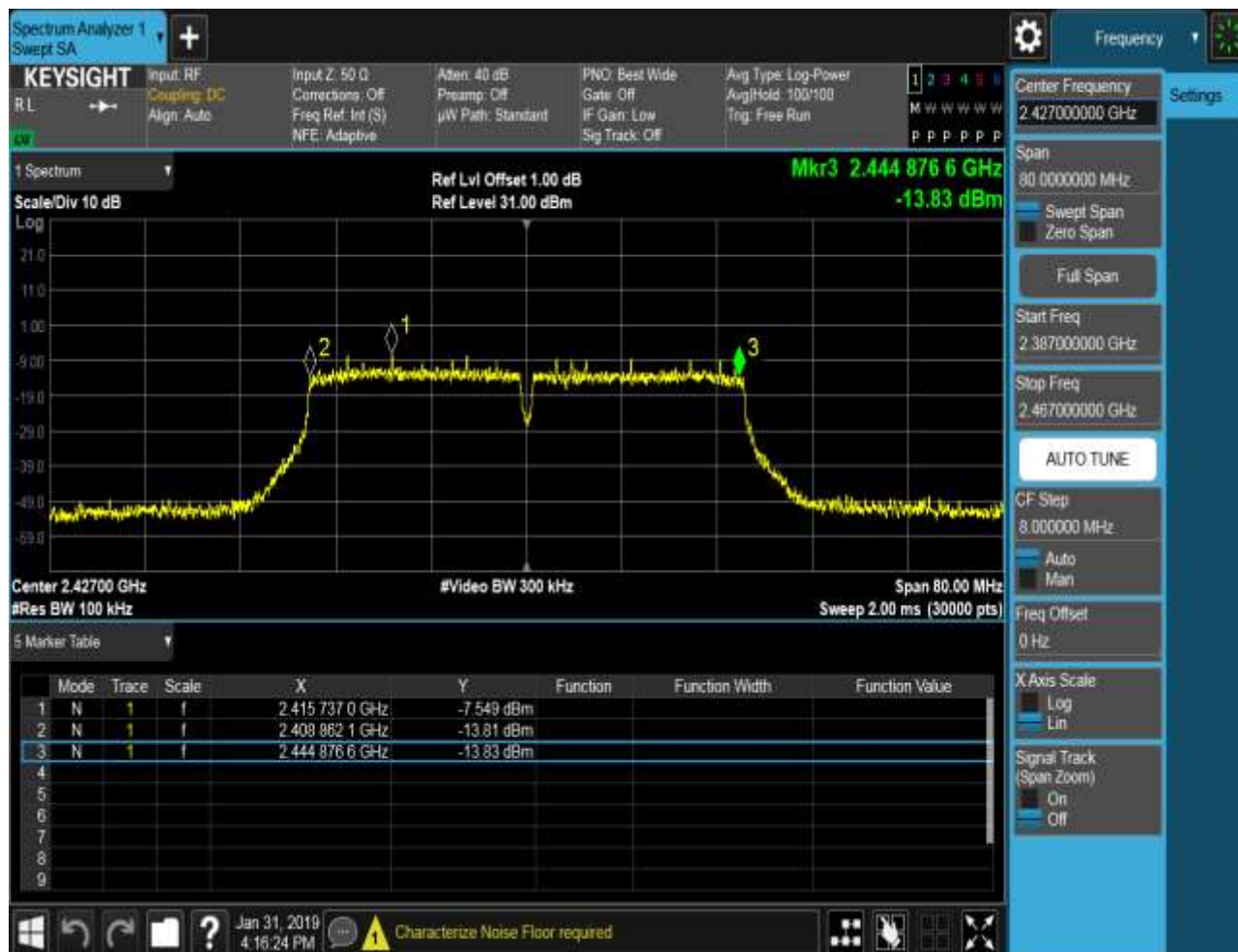
1.69 11N40MIMO_Ant1_2422



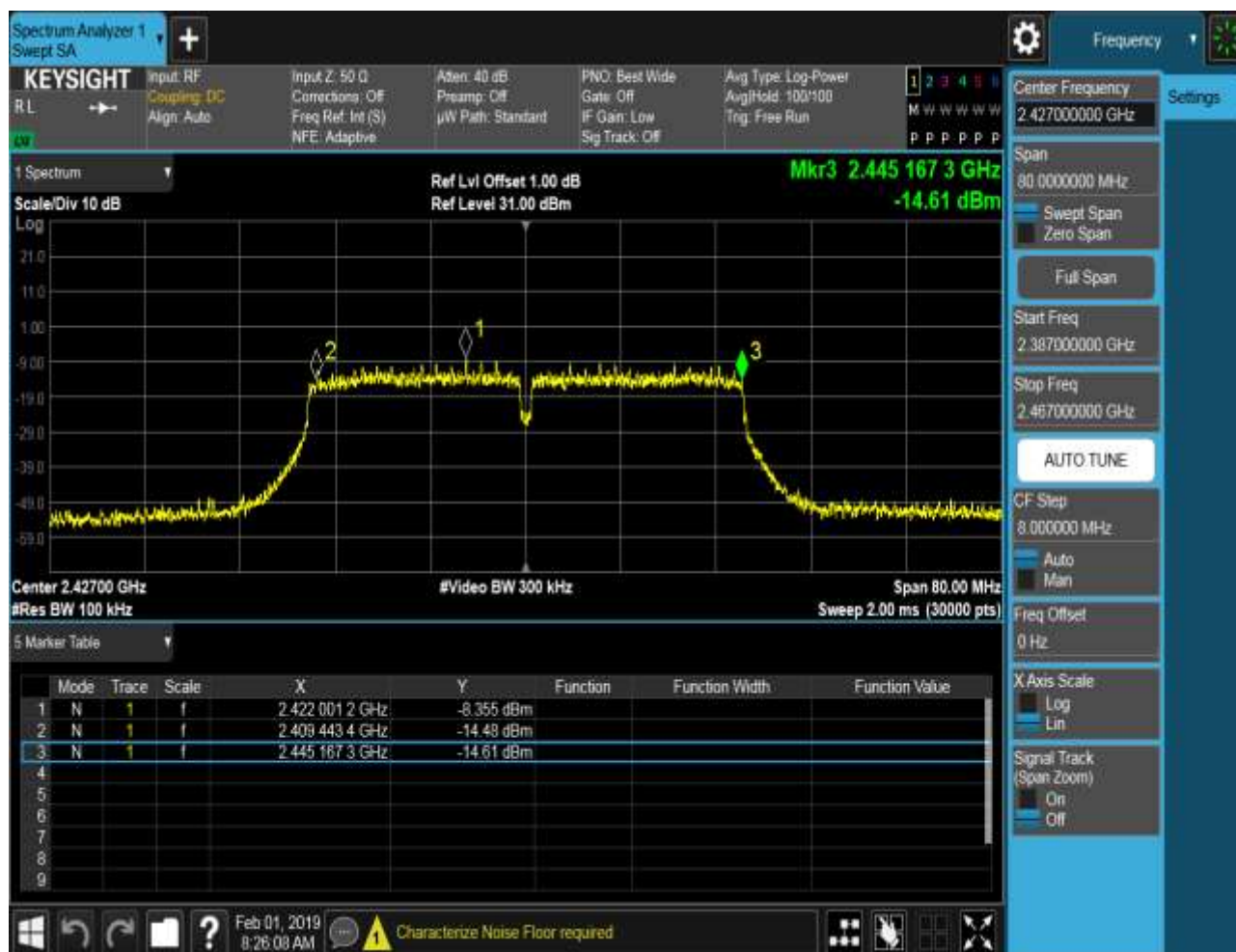
1.70 11N40MIMO_Ant2_2422



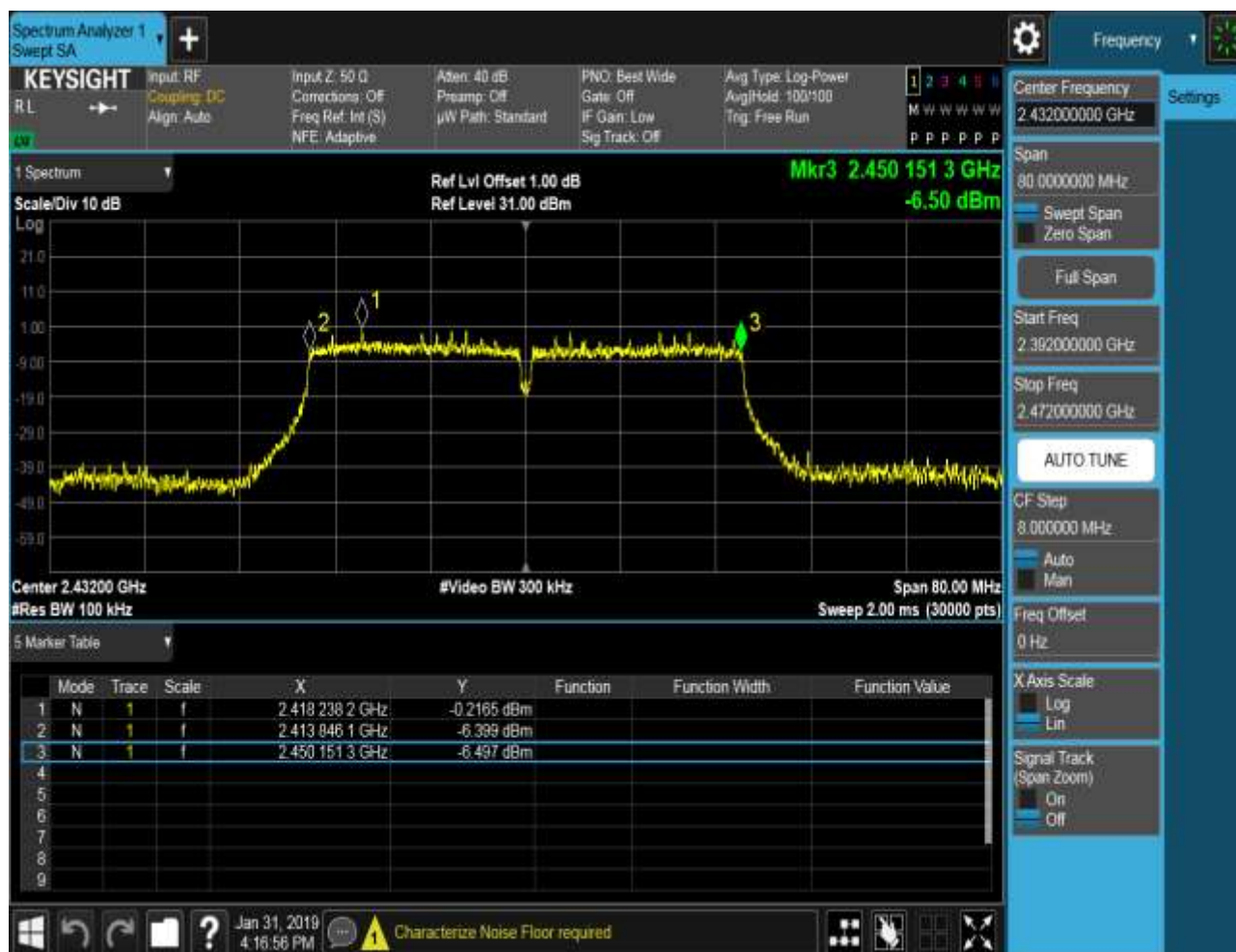
1.71 11N40MIMO_Ant1_2427



1.72 11N40MIMO_Ant2_2427



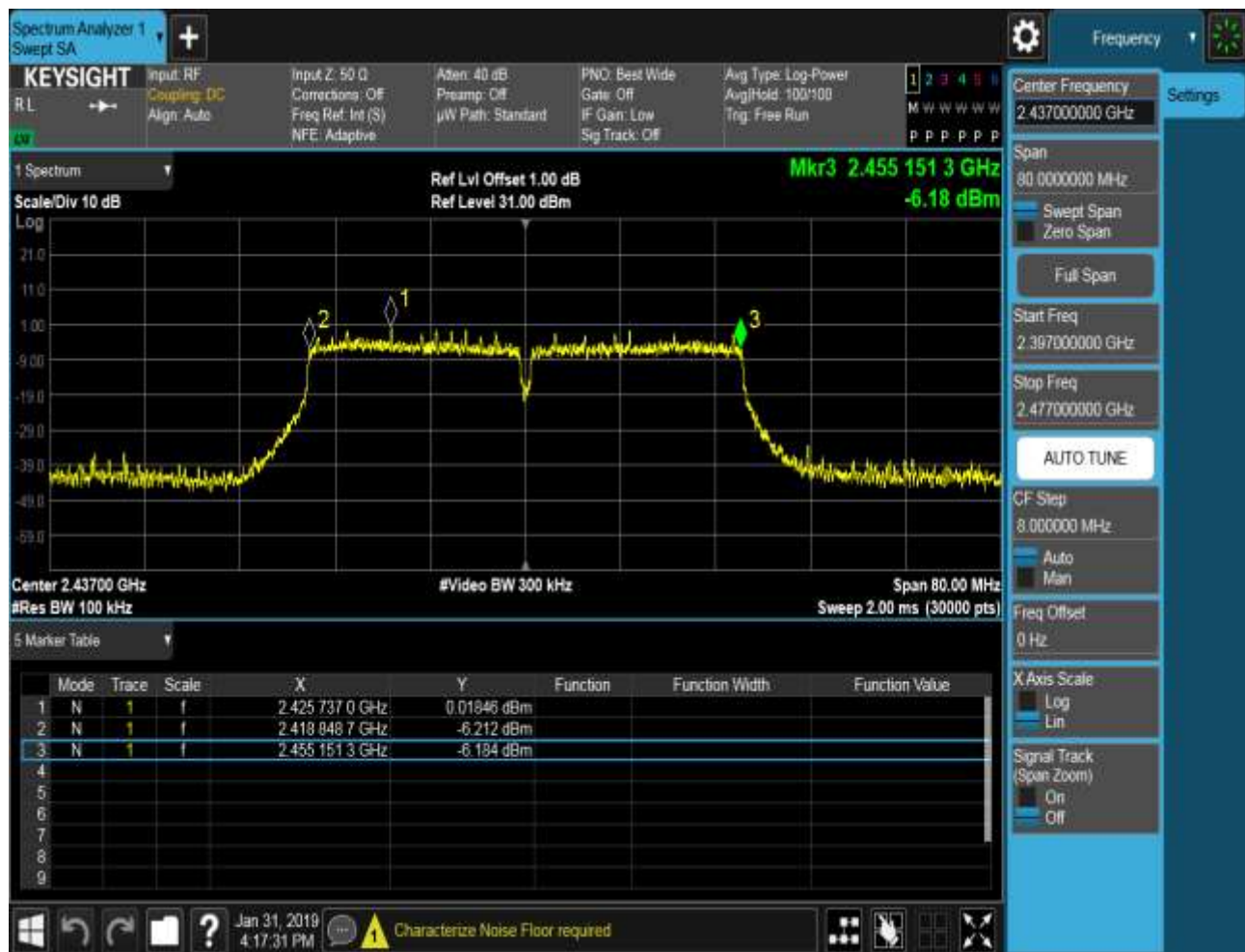
1.73 11N40MIMO_Ant1_2432



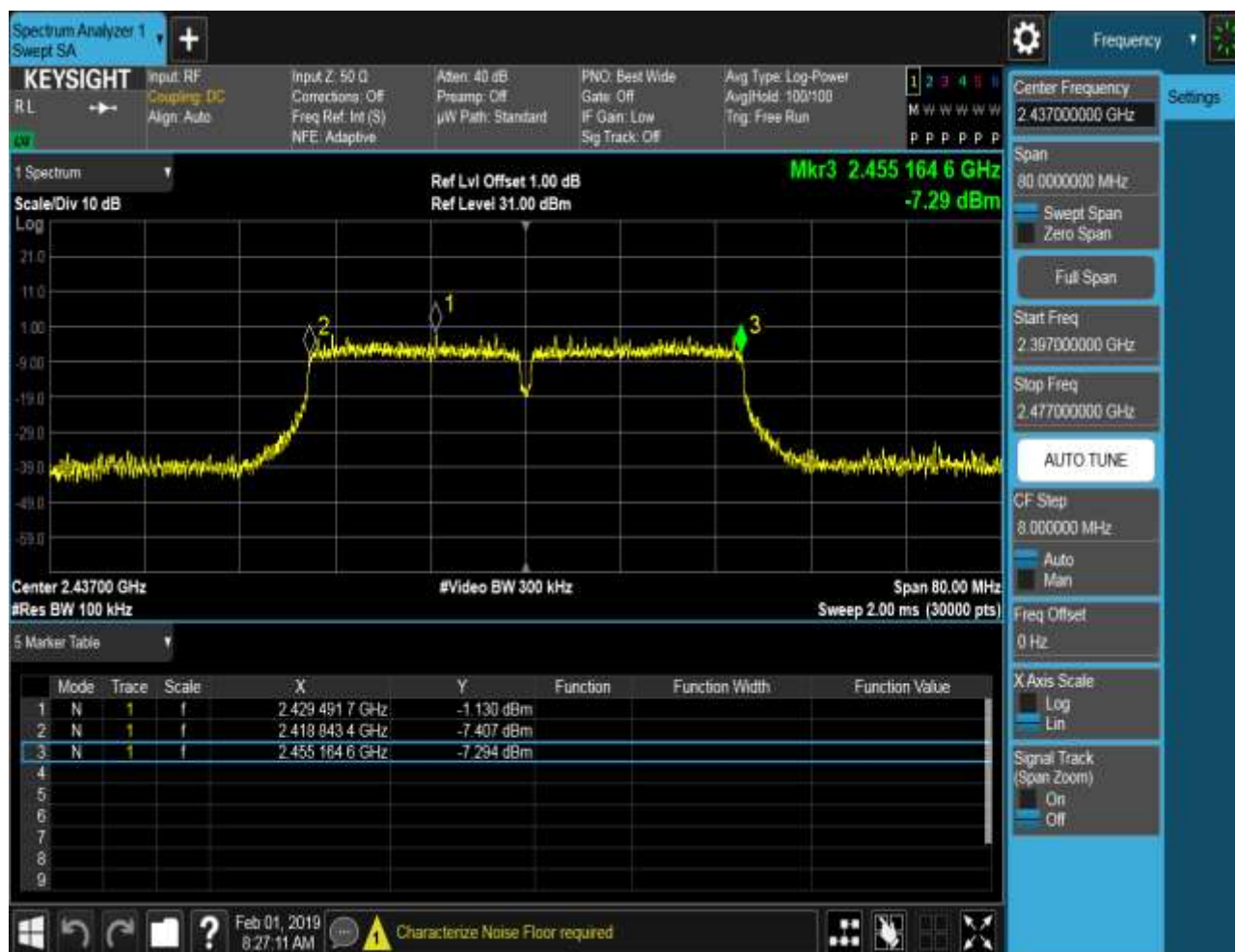
1.74 11N40MIMO_Ant2_2432



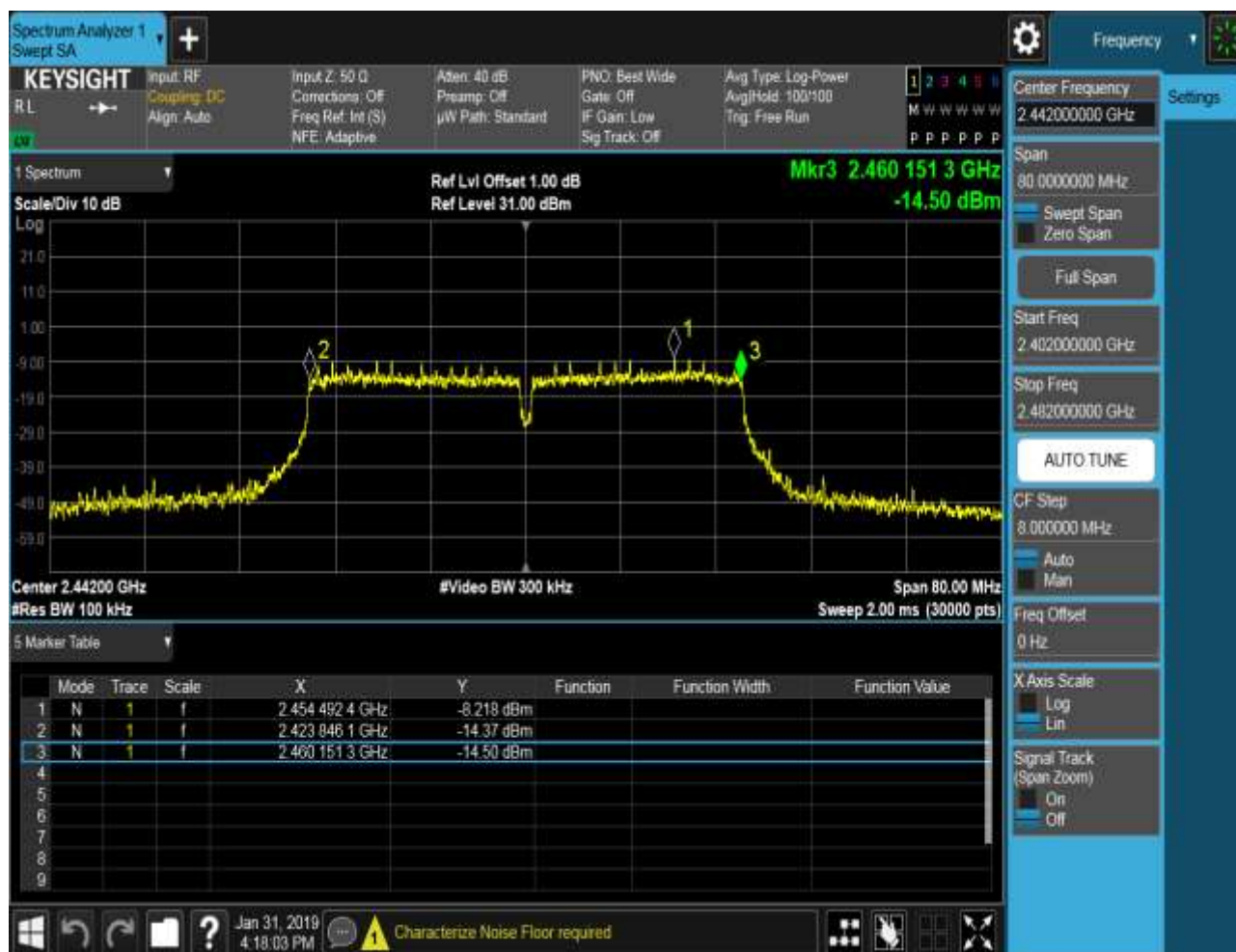
1.75 11N40MIMO_Ant1_2437



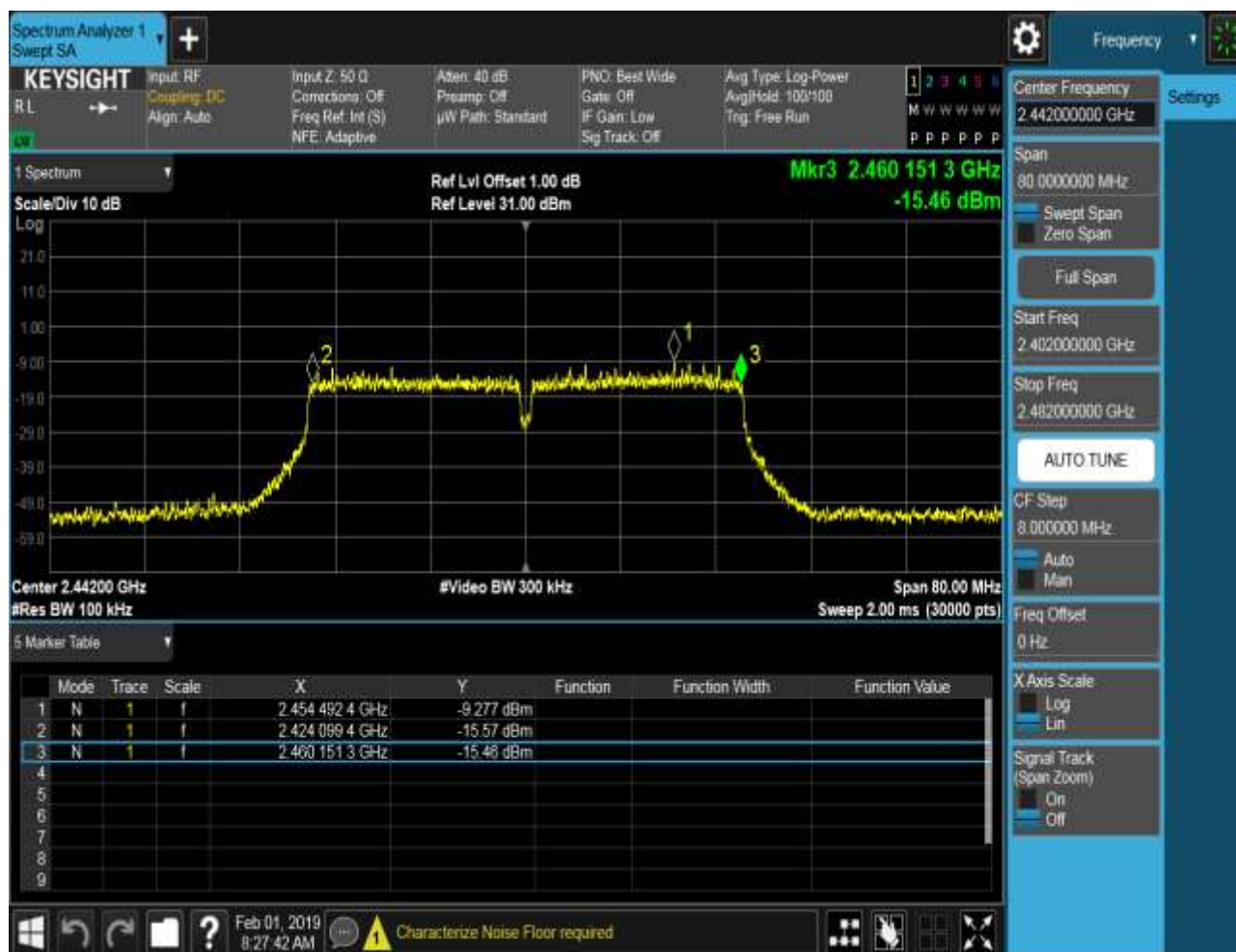
1.76 11N40MIMO_Ant2_2437



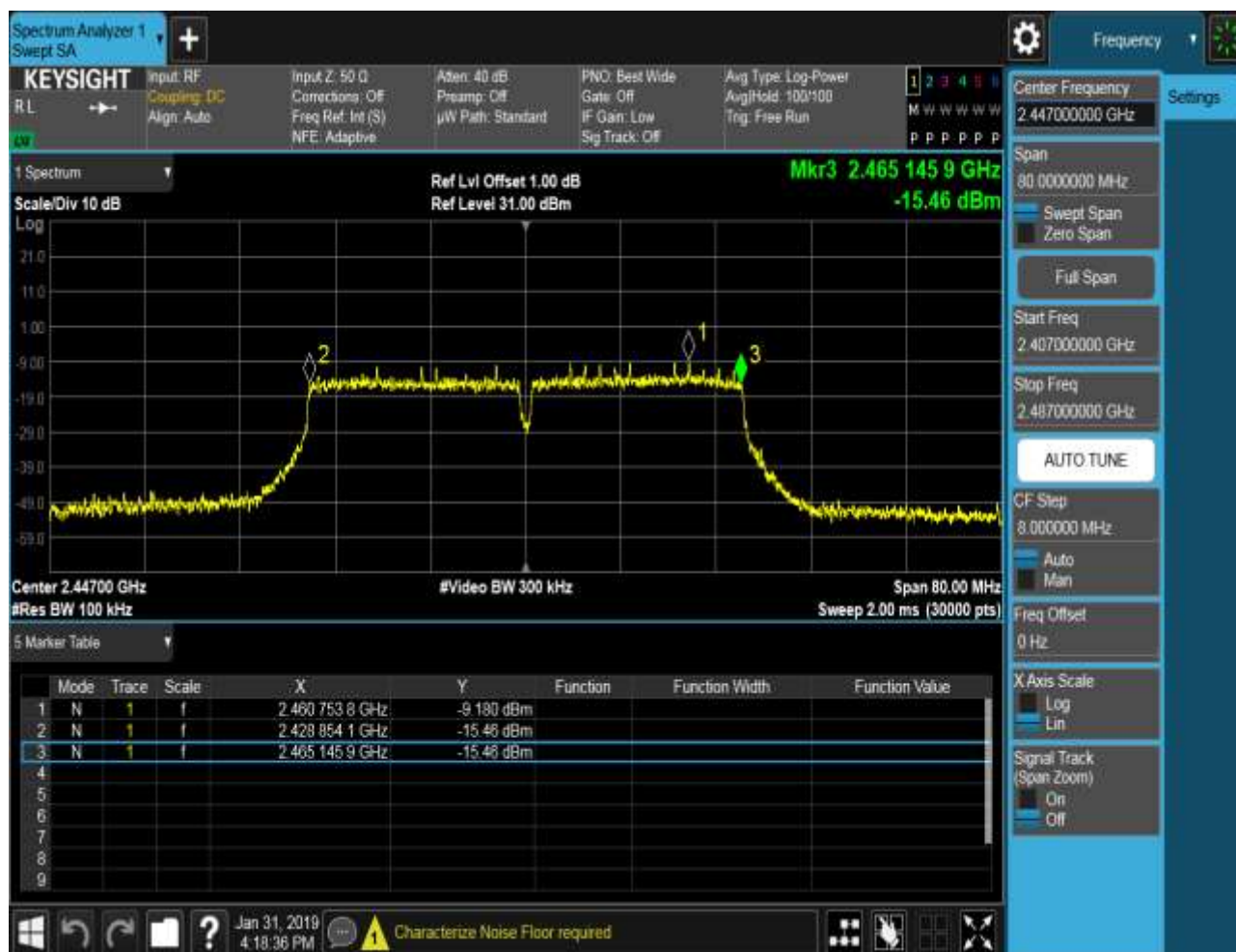
1.77 11N40MIMO_Ant1_2442



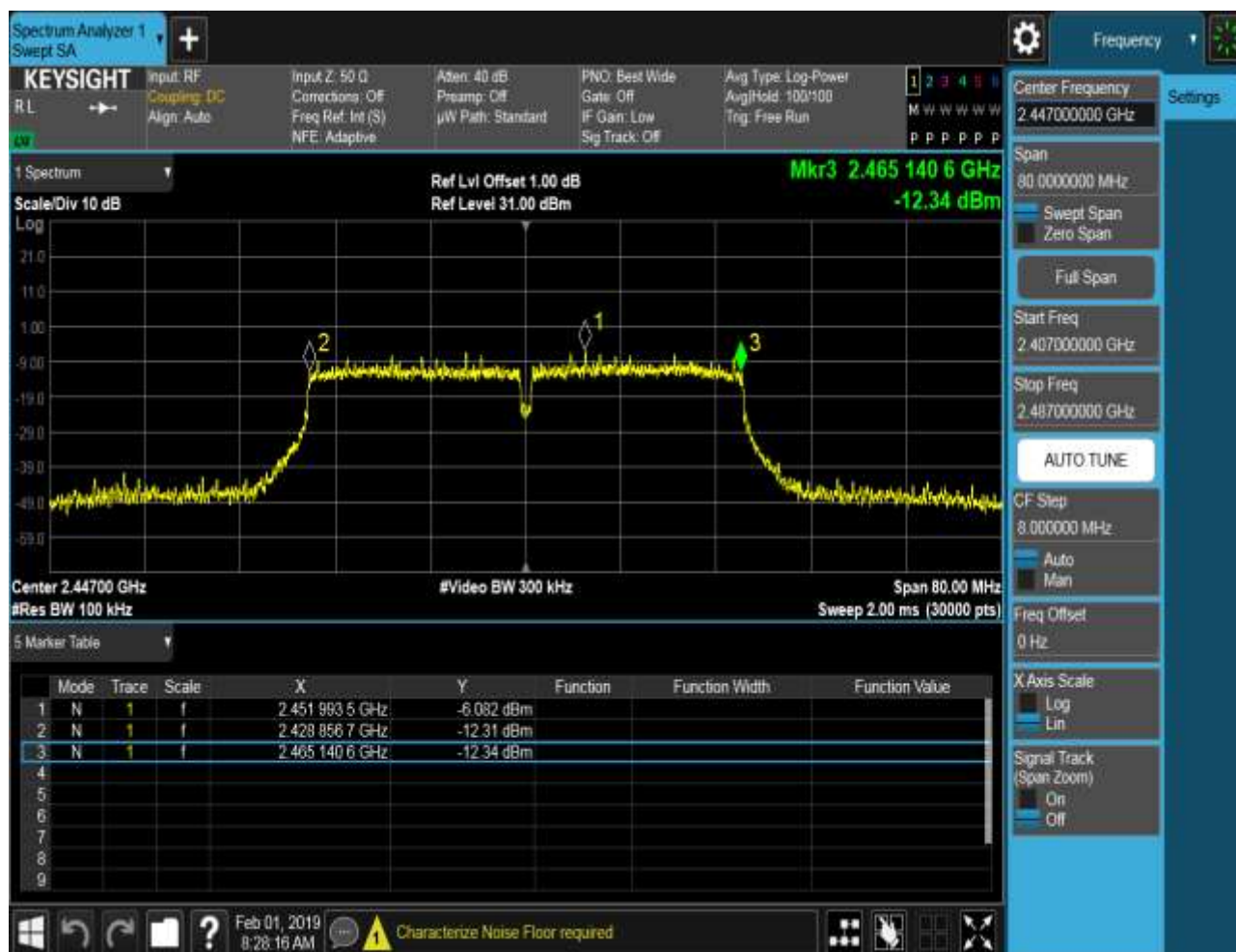
1.78 11N40MIMO_Ant2_2442



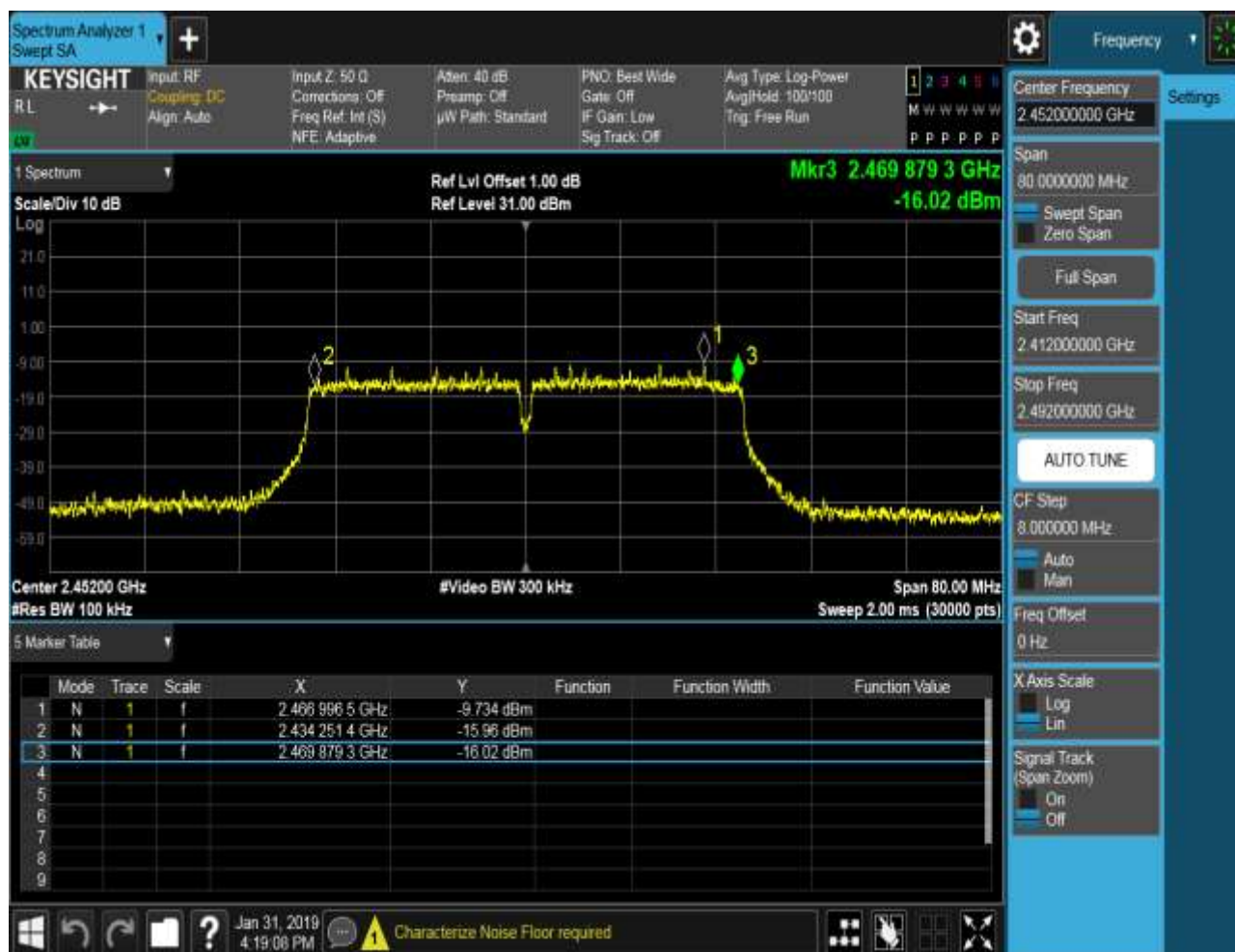
1.79 11N40MIMO_Ant1_2447



1.80 11N40MIMO_Ant2_2447



1.81 11N40MIMO_Ant1_2452



1.82 11N40MIMO_Ant2_2452



Appendix B: Occupied Bandwidth

Part I - Test Results

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.39	2406.44	2417.83	---	PASS
11B	Ant2	2412	11.82	2406.21	2418.03	---	PASS
11B	Ant1	2437	11.65	2431.18	2442.83	---	PASS
11B	Ant2	2437	11.85	2431.1	2442.95	---	PASS
11B	Ant1	2462	11.38	2456.25	2467.63	---	PASS
11B	Ant2	2462	11.79	2456.04	2467.83	---	PASS
11G	Ant1	2412	16.45	2403.81	2420.26	---	PASS
11G	Ant2	2412	16.45	2403.85	2420.3	---	PASS
11G	Ant1	2422	16.65	2413.64	2430.29	---	PASS
11G	Ant2	2422	16.65	2413.7	2430.35	---	PASS
11G	Ant1	2437	16.75	2428.63	2445.38	---	PASS
11G	Ant2	2437	16.79	2428.6	2445.39	---	PASS
11G	Ant1	2452	16.71	2443.69	2460.4	---	PASS
11G	Ant2	2452	16.7	2443.68	2460.38	---	PASS
11G	Ant1	2457	16.46	2448.76	2465.22	---	PASS
11G	Ant2	2457	16.41	2448.77	2465.18	---	PASS
11G	Ant1	2462	16.42	2453.76	2470.18	---	PASS
11G	Ant2	2462	16.49	2453.71	2470.2	---	PASS
11G20CDD	Ant1	2412	16.45	2403.81	2420.26	---	PASS
11G20CDD	Ant2	2412	16.4	2403.85	2420.25	---	PASS
11G20CDD	Ant1	2422	16.61	2413.66	2430.27	---	PASS
11G20CDD	Ant2	2422	16.51	2413.74	2430.25	---	PASS
11G20CDD	Ant1	2437	16.78	2428.62	2445.4	---	PASS
11G20CDD	Ant2	2437	16.69	2428.65	2445.34	---	PASS
11G20CDD	Ant1	2452	16.64	2443.71	2460.35	---	PASS
11G20CDD	Ant2	2452	16.56	2443.74	2460.3	---	PASS
11G20CDD	Ant1	2457	16.46	2448.77	2465.23	---	PASS
11G20CDD	Ant2	2457	16.38	2448.8	2465.18	---	PASS
11G20CDD	Ant1	2462	16.45	2453.75	2470.2	---	PASS
11G20CDD	Ant2	2462	16.4	2453.77	2470.17	---	PASS
11N20SISO	Ant1	2412	17.49	2403.28	2420.77	---	PASS
11N20SISO	Ant2	2412	17.5	2403.31	2420.81	---	PASS
11N20SISO	Ant1	2422	17.56	2413.19	2430.75	---	PASS
11N20SISO	Ant2	2422	17.54	2413.24	2430.78	---	PASS
11N20SISO	Ant1	2437	17.59	2428.19	2445.78	---	PASS
11N20SISO	Ant2	2437	17.62	2428.19	2445.81	---	PASS
11N20SISO	Ant1	2452	17.57	2443.24	2460.81	---	PASS
11N20SISO	Ant2	2452	17.56	2443.23	2460.79	---	PASS
11N20SISO	Ant1	2457	17.49	2448.26	2465.75	---	PASS
11N20SISO	Ant2	2457	17.45	2448.26	2465.71	---	PASS
11N20SISO	Ant1	2462	17.47	2453.24	2470.71	---	PASS
11N20SISO	Ant2	2462	17.51	2453.19	2470.7	---	PASS
11N20MIMO	Ant1	2412	17.5	2403.28	2420.78	---	PASS
11N20MIMO	Ant2	2412	17.45	2403.33	2420.78	---	PASS
11N20MIMO	Ant1	2422	17.55	2413.2	2430.75	---	PASS
11N20MIMO	Ant2	2422	17.5	2413.26	2430.76	---	PASS
11N20MIMO	Ant1	2437	17.62	2428.18	2445.8	---	PASS

11N20MIMO	Ant2	2437	17.57	2428.22	2445.79	---	PASS
11N20MIMO	Ant1	2452	17.58	2443.23	2460.81	---	PASS
11N20MIMO	Ant2	2452	17.53	2443.25	2460.78	---	PASS
11N20MIMO	Ant1	2457	17.48	2448.25	2465.73	---	PASS
11N20MIMO	Ant2	2457	17.46	2448.26	2465.72	---	PASS
11N20MIMO	Ant1	2462	17.47	2453.24	2470.71	---	PASS
11N20MIMO	Ant2	2462	17.46	2453.23	2470.69	---	PASS
11N40SISO	Ant1	2422	36.64	2403.68	2440.32	---	PASS
11N40SISO	Ant2	2422	36.54	2403.83	2440.37	---	PASS
11N40SISO	Ant1	2427	36.7	2408.62	2445.32	---	PASS
11N40SISO	Ant2	2427	36.65	2408.78	2445.43	---	PASS
11N40SISO	Ant1	2432	36.84	2413.56	2450.4	---	PASS
11N40SISO	Ant2	2432	36.93	2413.58	2450.51	---	PASS
11N40SISO	Ant1	2437	36.9	2418.51	2455.41	---	PASS
11N40SISO	Ant2	2437	36.92	2418.57	2455.49	---	PASS
11N40SISO	Ant1	2442	36.98	2423.53	2460.51	---	PASS
11N40SISO	Ant2	2442	36.85	2423.57	2460.42	---	PASS
11N40SISO	Ant1	2447	36.89	2428.57	2465.46	---	PASS
11N40SISO	Ant2	2447	36.77	2428.63	2465.4	---	PASS
11N40SISO	Ant1	2452	36.67	2433.66	2470.33	---	PASS
11N40SISO	Ant2	2452	36.62	2433.67	2470.29	---	PASS
11N40MIMO	Ant1	2422	36.59	2403.68	2440.27	---	PASS
11N40MIMO	Ant2	2422	36.39	2403.91	2440.3	---	PASS
11N40MIMO	Ant1	2427	36.7	2408.61	2445.31	---	PASS
11N40MIMO	Ant2	2427	36.48	2408.82	2445.3	---	PASS
11N40MIMO	Ant1	2432	36.88	2413.5	2450.38	---	PASS
11N40MIMO	Ant2	2432	36.63	2413.71	2450.34	---	PASS
11N40MIMO	Ant1	2437	36.92	2418.5	2455.42	---	PASS
11N40MIMO	Ant2	2437	36.64	2418.7	2455.34	---	PASS
11N40MIMO	Ant1	2442	36.91	2423.56	2460.47	---	PASS
11N40MIMO	Ant2	2442	36.59	2423.7	2460.29	---	PASS
11N40MIMO	Ant1	2447	36.84	2428.59	2465.43	---	PASS
11N40MIMO	Ant2	2447	36.51	2428.77	2465.28	---	PASS
11N40MIMO	Ant1	2452	36.76	2433.6	2470.36	---	PASS
11N40MIMO	Ant2	2452	36.5	2433.68	2470.18	---	PASS

Part II - Test Graphs

1.1 11B_Ant1_2412



1.2 11B_Ant2_2412



1.3 11B_Ant1_2437



1.4 11B Ant2 2437



1.5 11B_Ant1_2462



1.6 11B_Ant2_2462



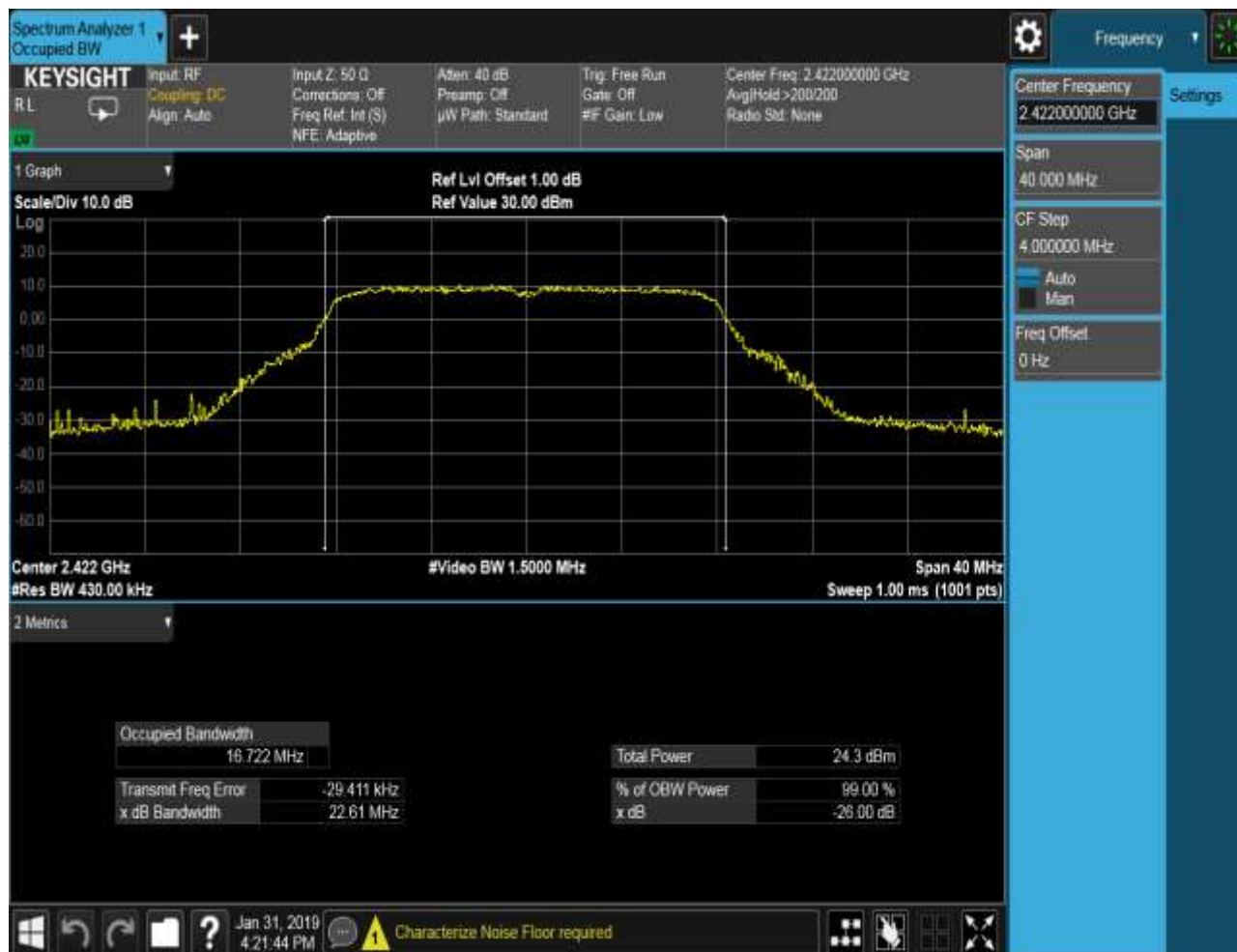
1.7 11G_Ant1_2412



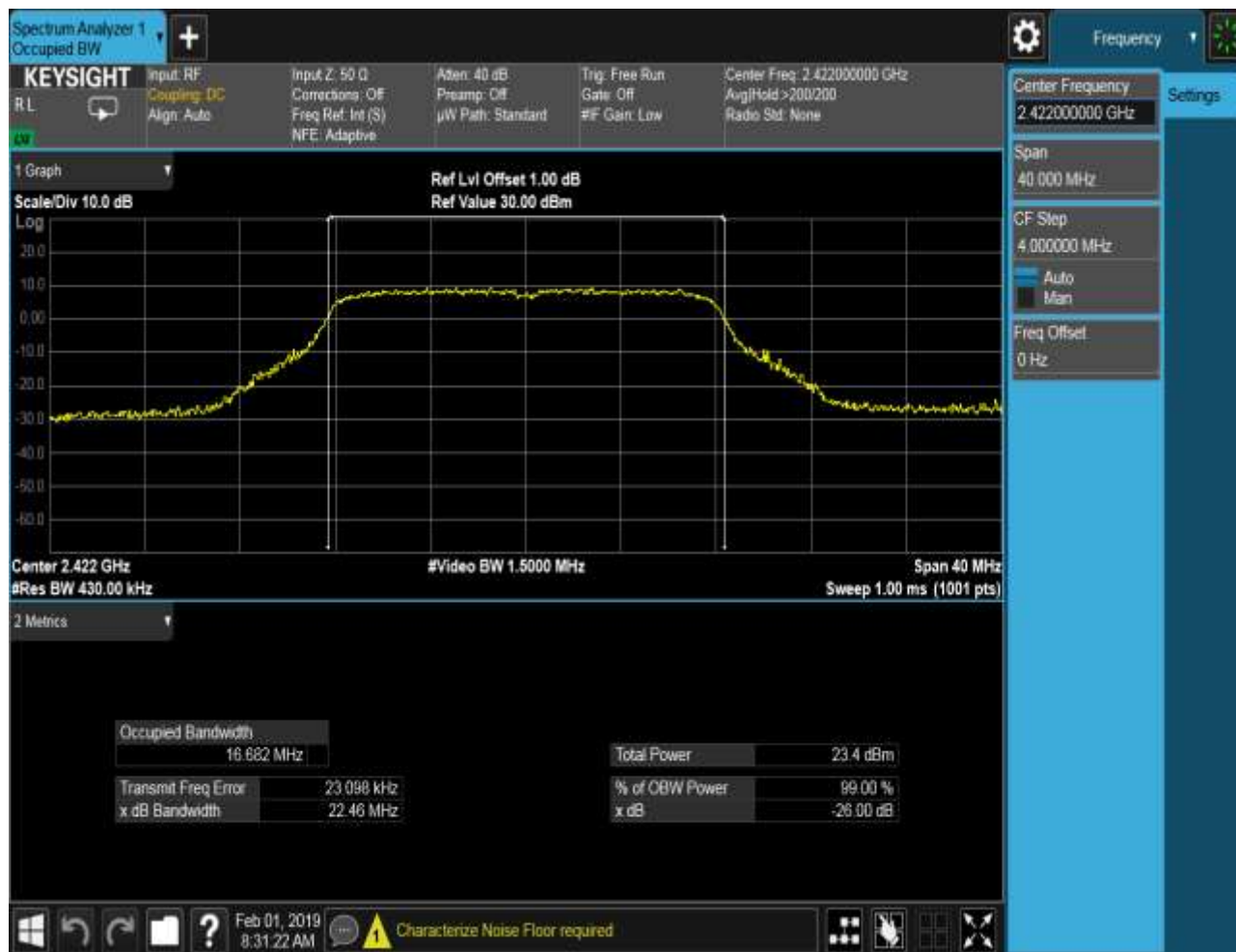
1.8 11G Ant2 2412



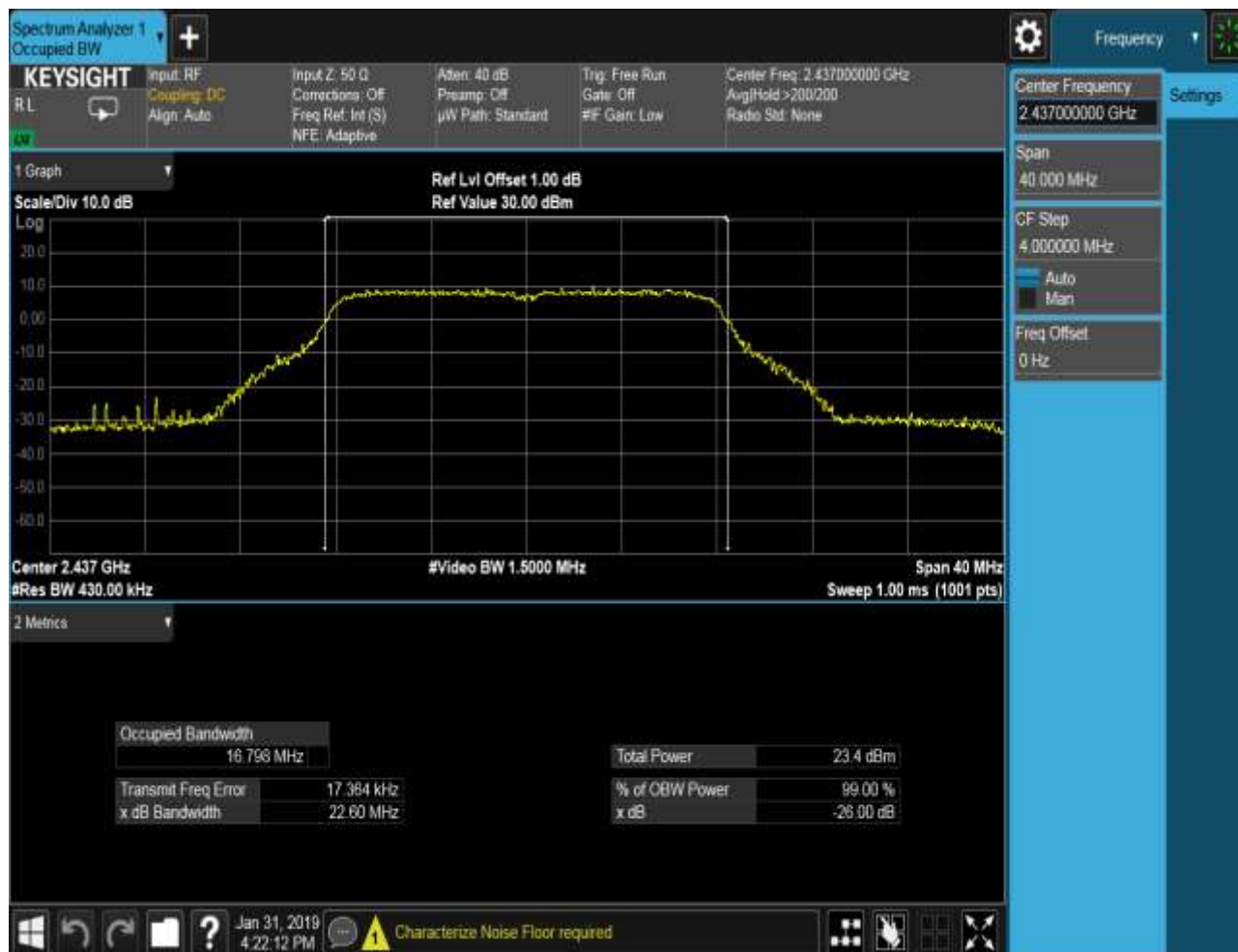
1.9 11G_Ant1_2422



1.10 11G_Ant2_2422



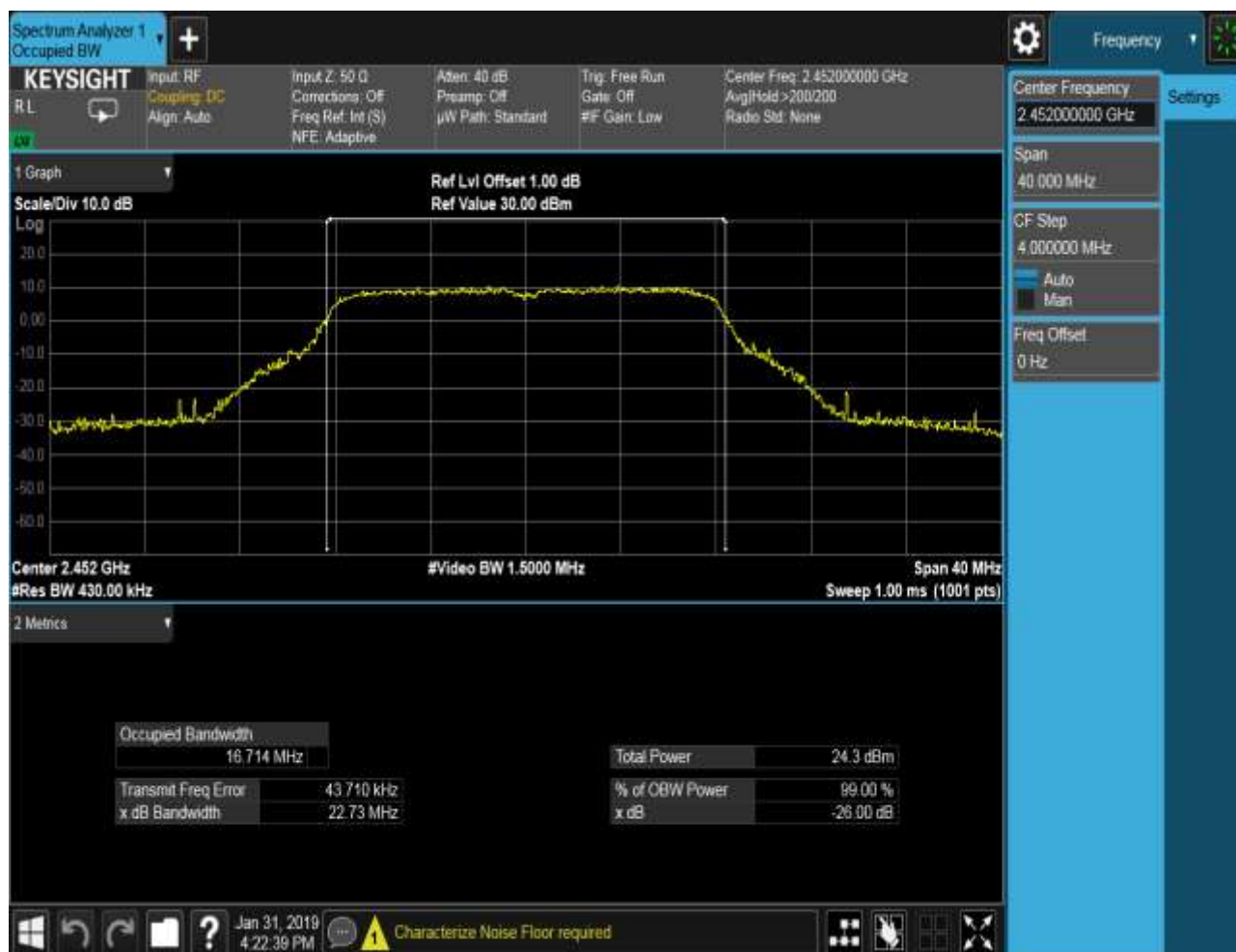
1.11 11G_Ant1_2437



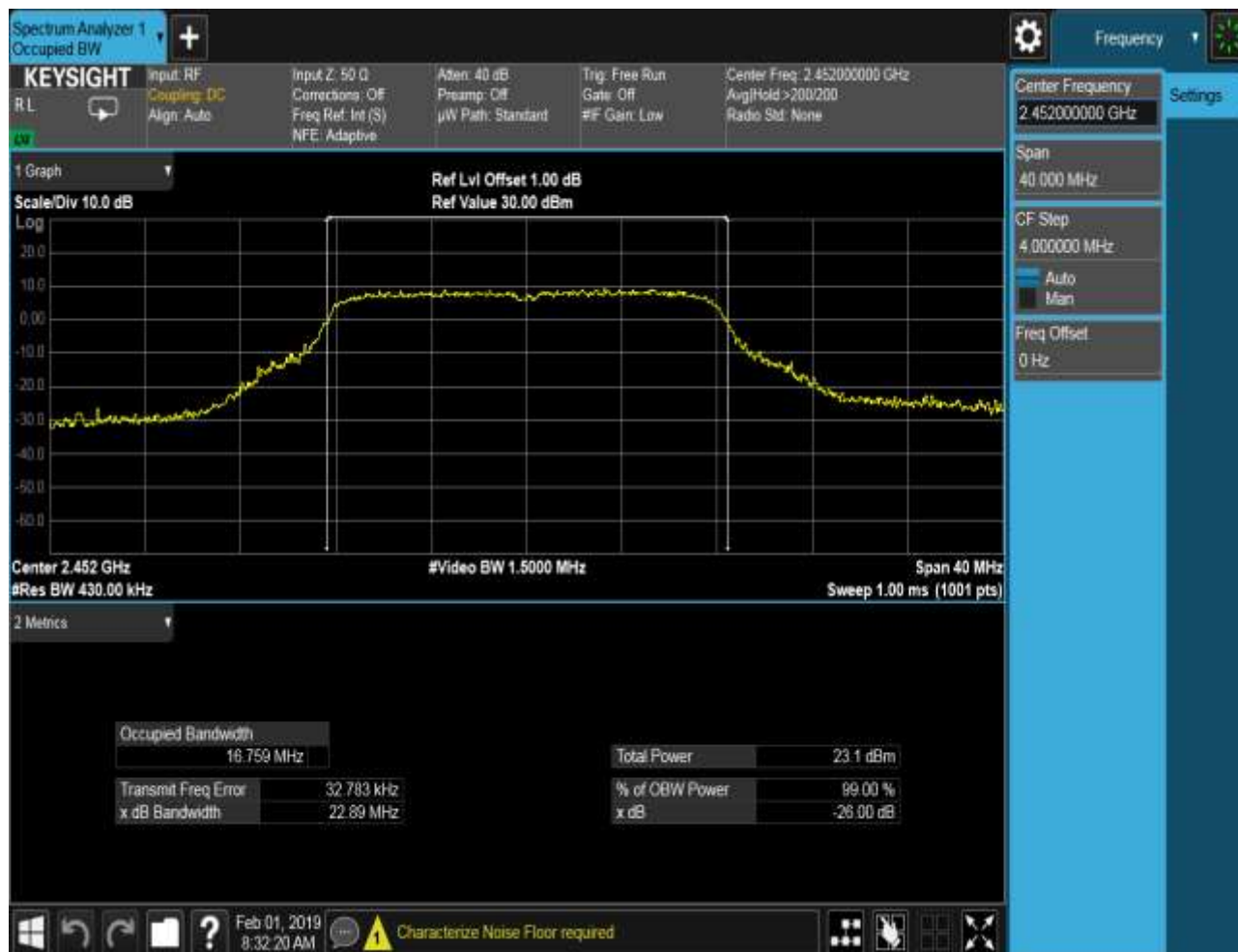
1.12 11G_Ant2_2437



1.13 11G_Ant1_2452



1.14 11G_Ant2_2452



1.15 11G_Ant1_2457



1.16 11G_Ant2_2457



1.17 11G_Ant1_2462



1.18 11G_Ant2_2462



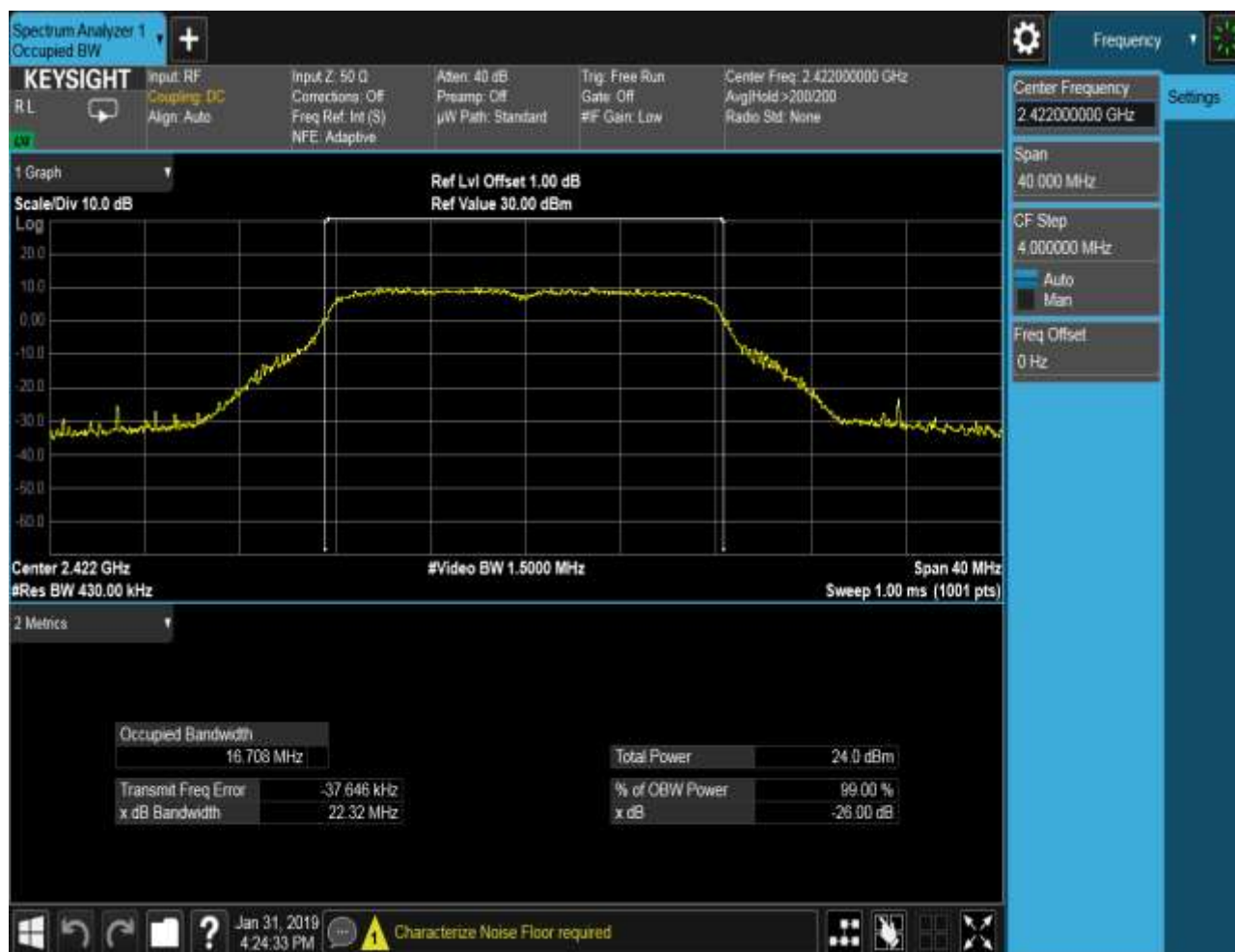
1.19 11G20CDD_Ant1_2412



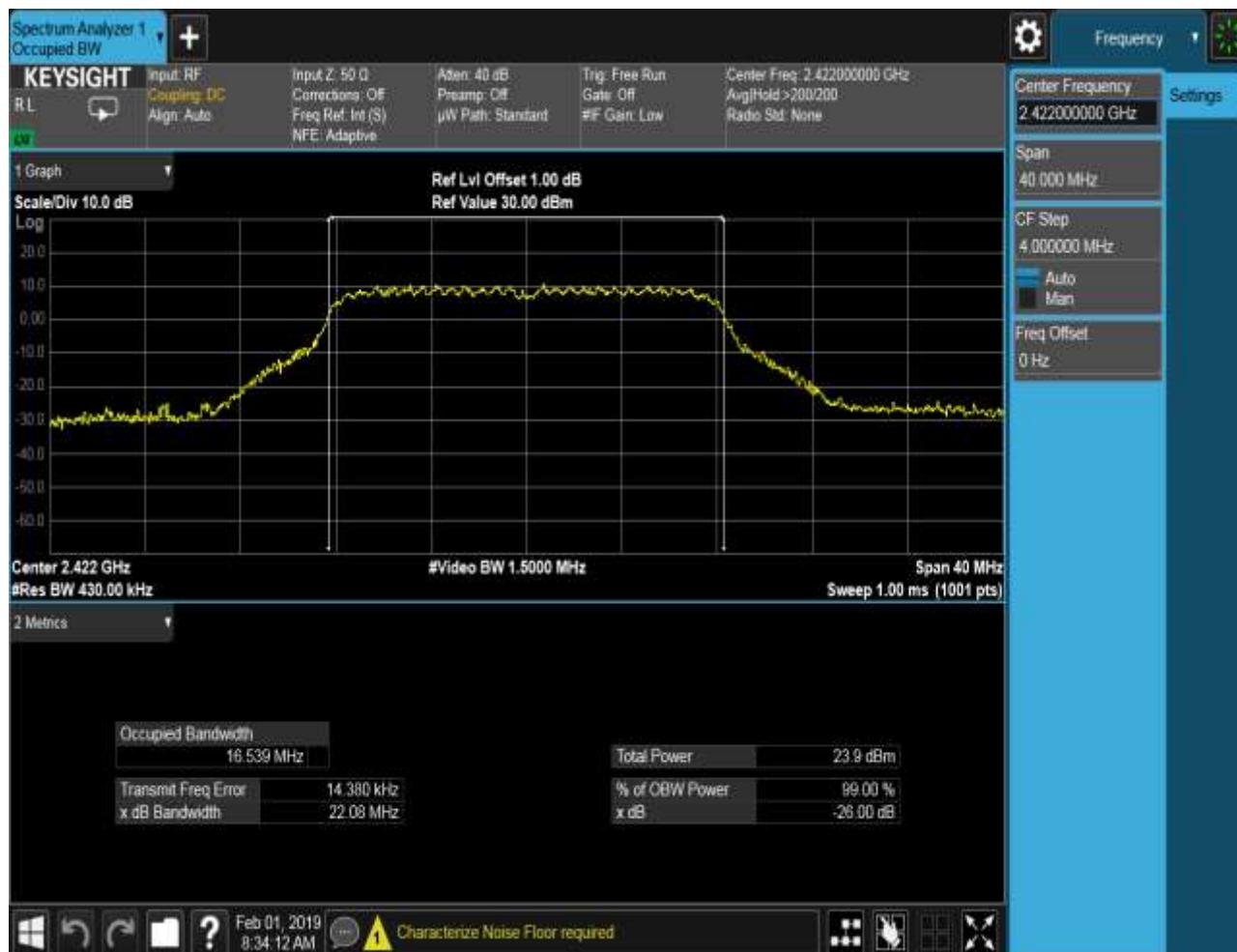
1.20 11G20CDD_Ant2_2412



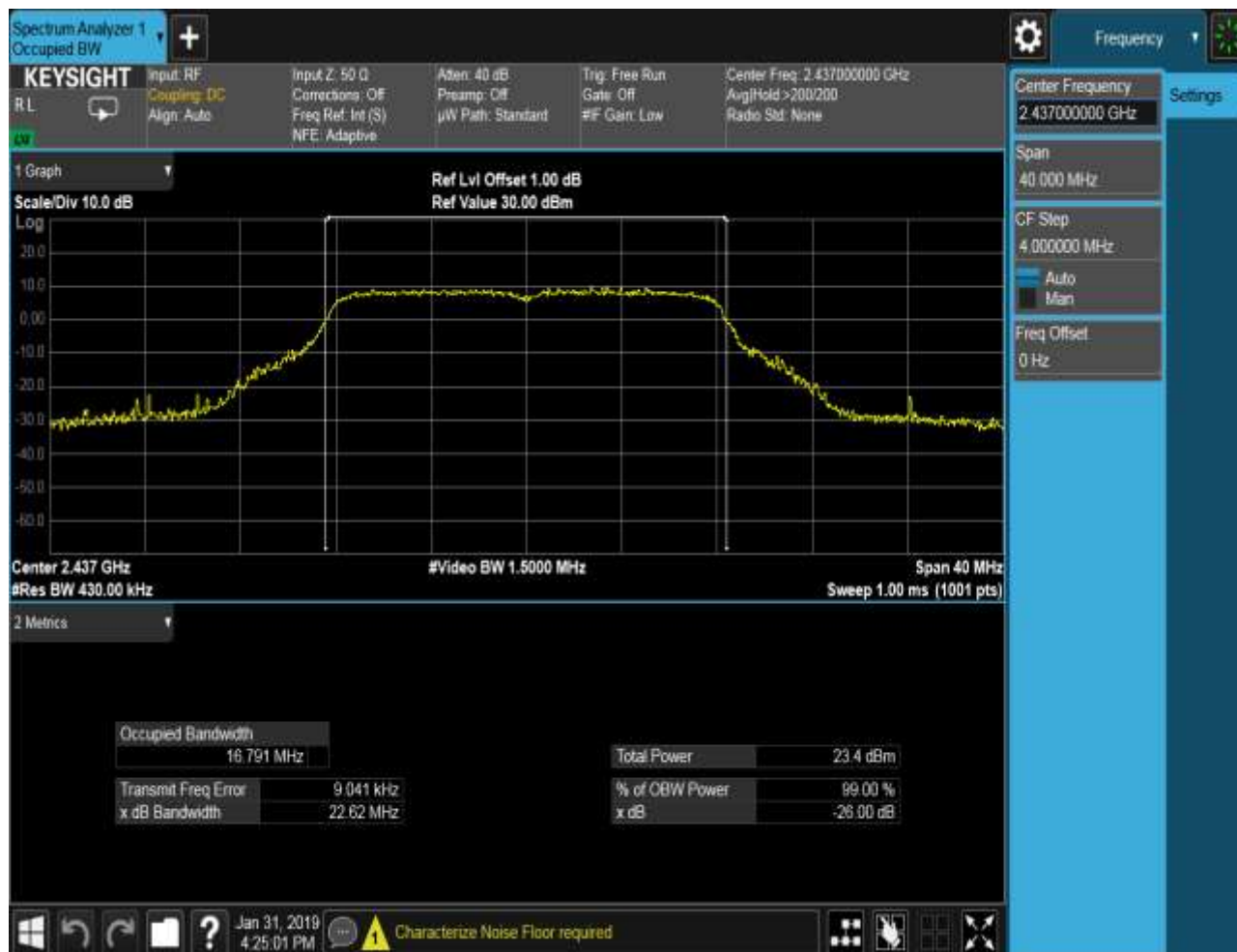
1.21 11G20CDD_Ant1_2422



1.22 11G20CDD_Ant2_2422



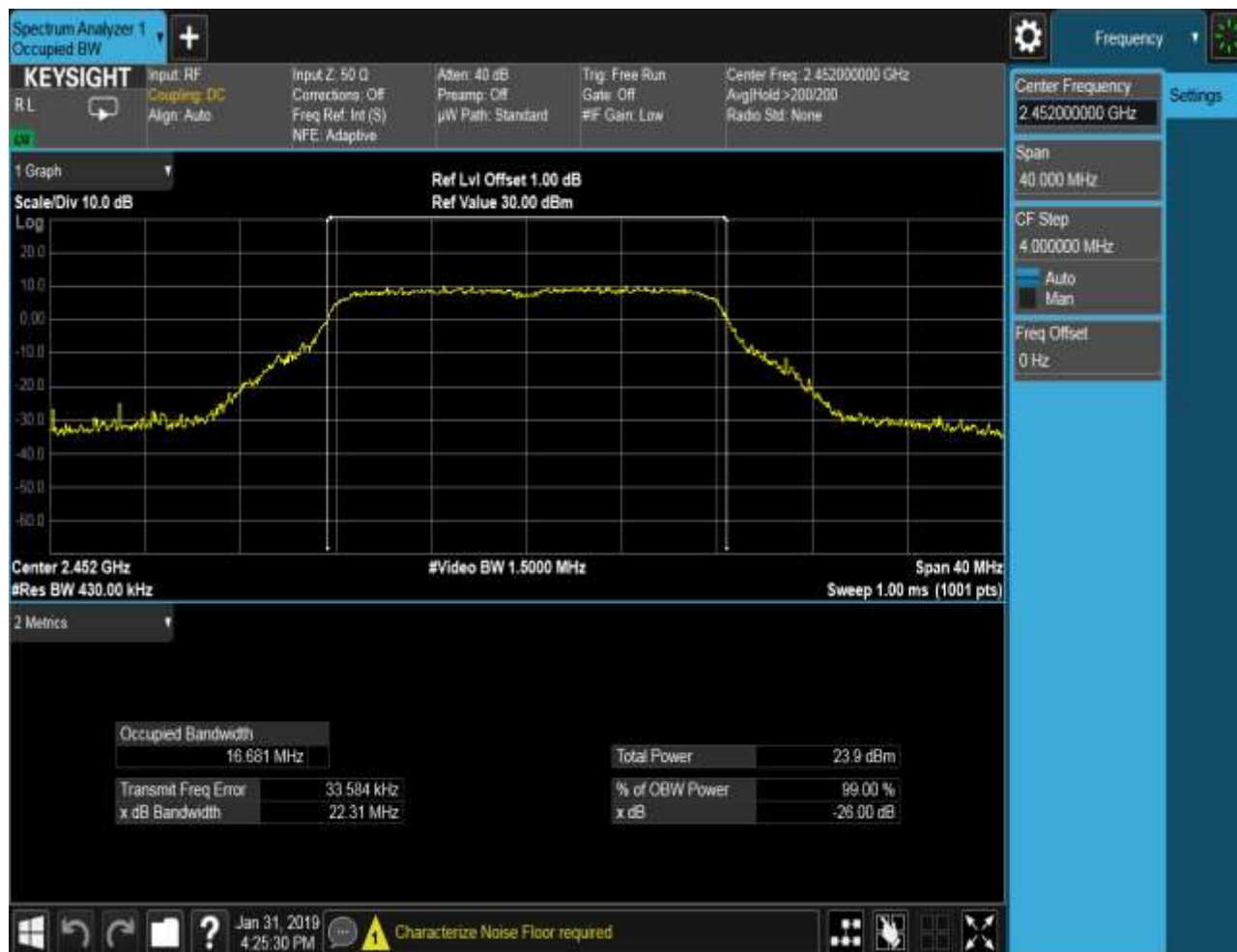
1.23 11G20CDD_Ant1_2437



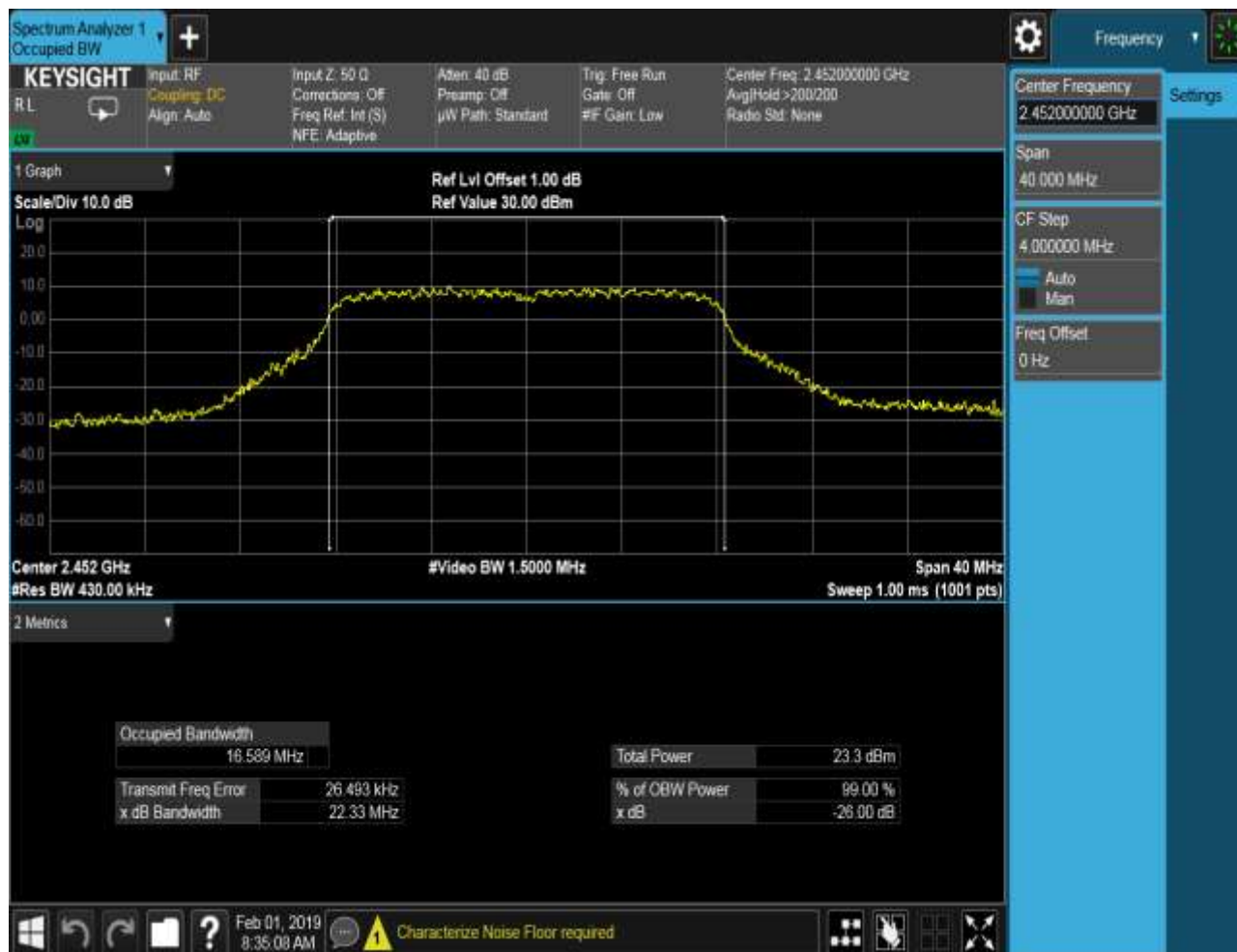
1.24 11G20CDD_Ant2_2437



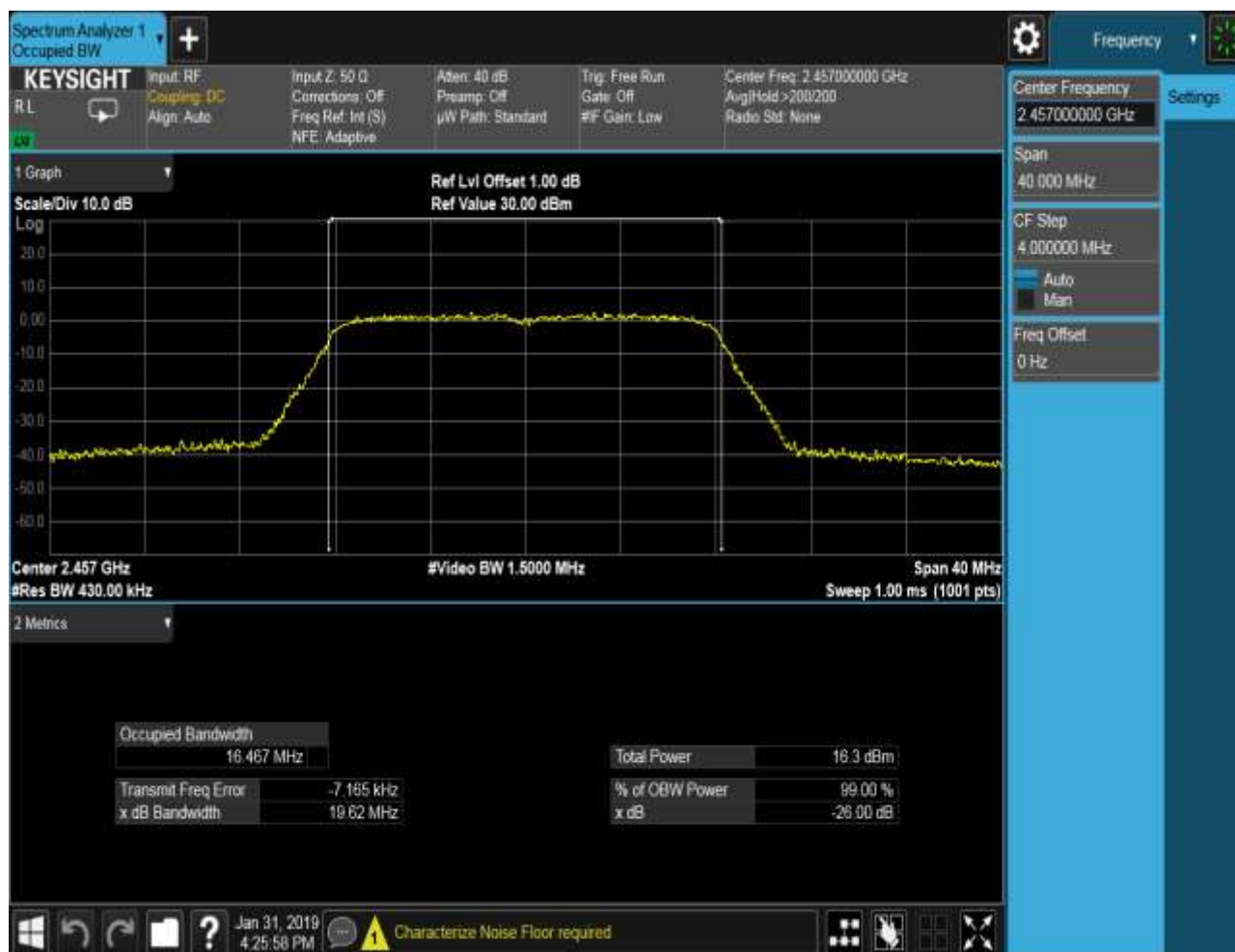
1.25 11G20CDD_Ant1_2452



1.26 11G20CDD_Ant2_2452



1.27 11G20CDD_Ant1_2457



1.28 11G20CDD Ant2 2457



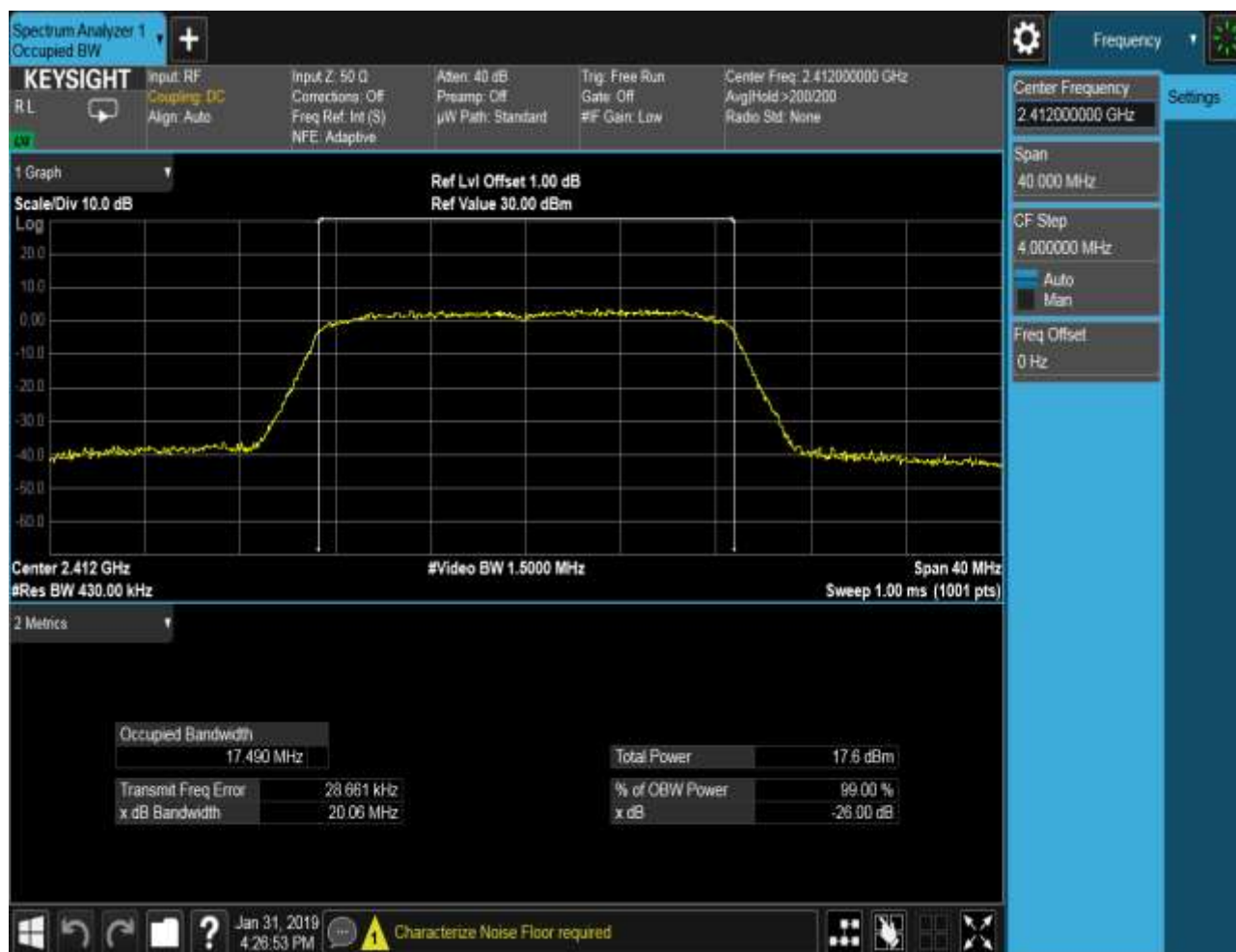
1.29 11G20CDD_Ant1_2462



1.30 11G20CDD_Ant2_2462



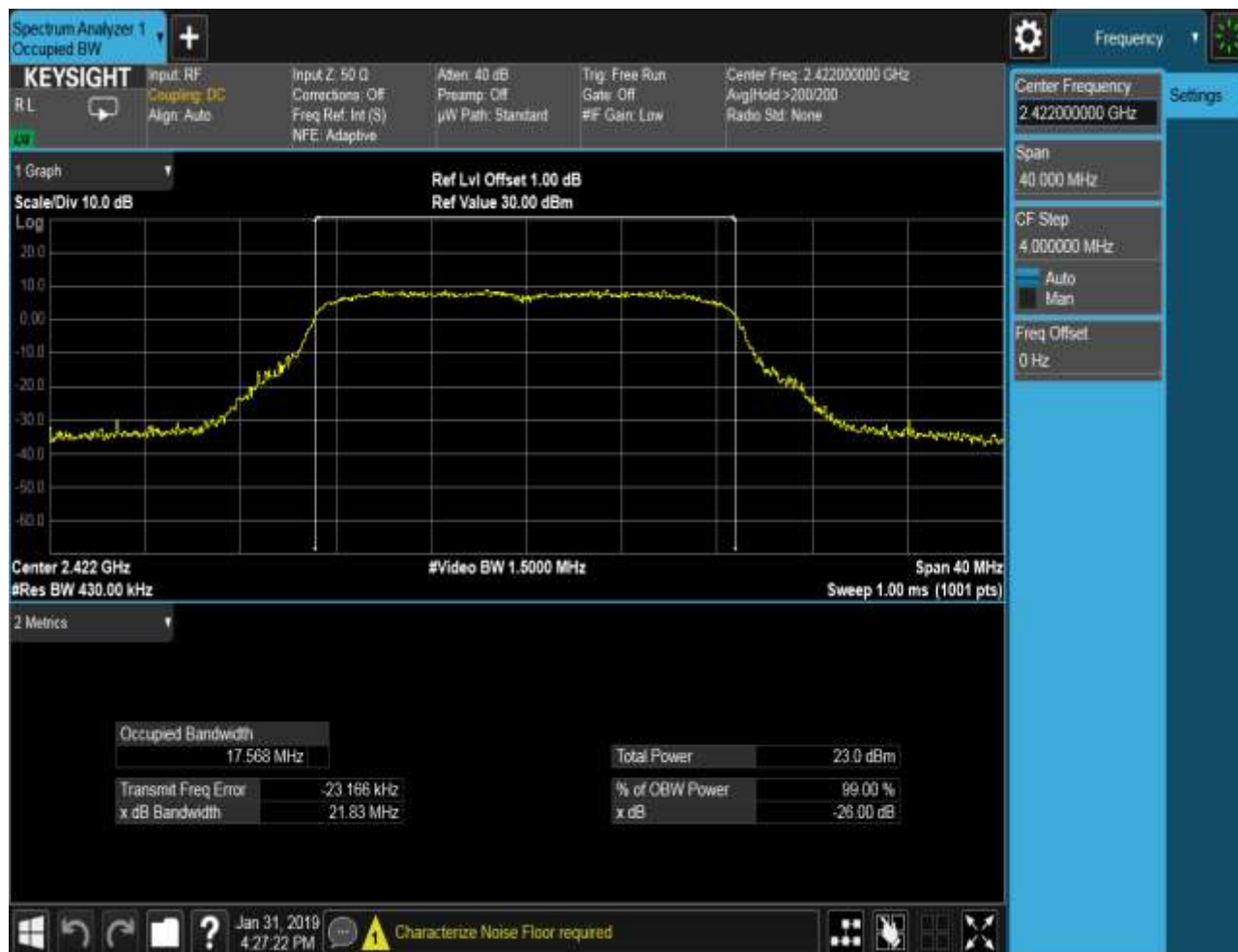
1.31 11N20SISO Ant1 2412



1.32 11N20SISO_Ant2_2412



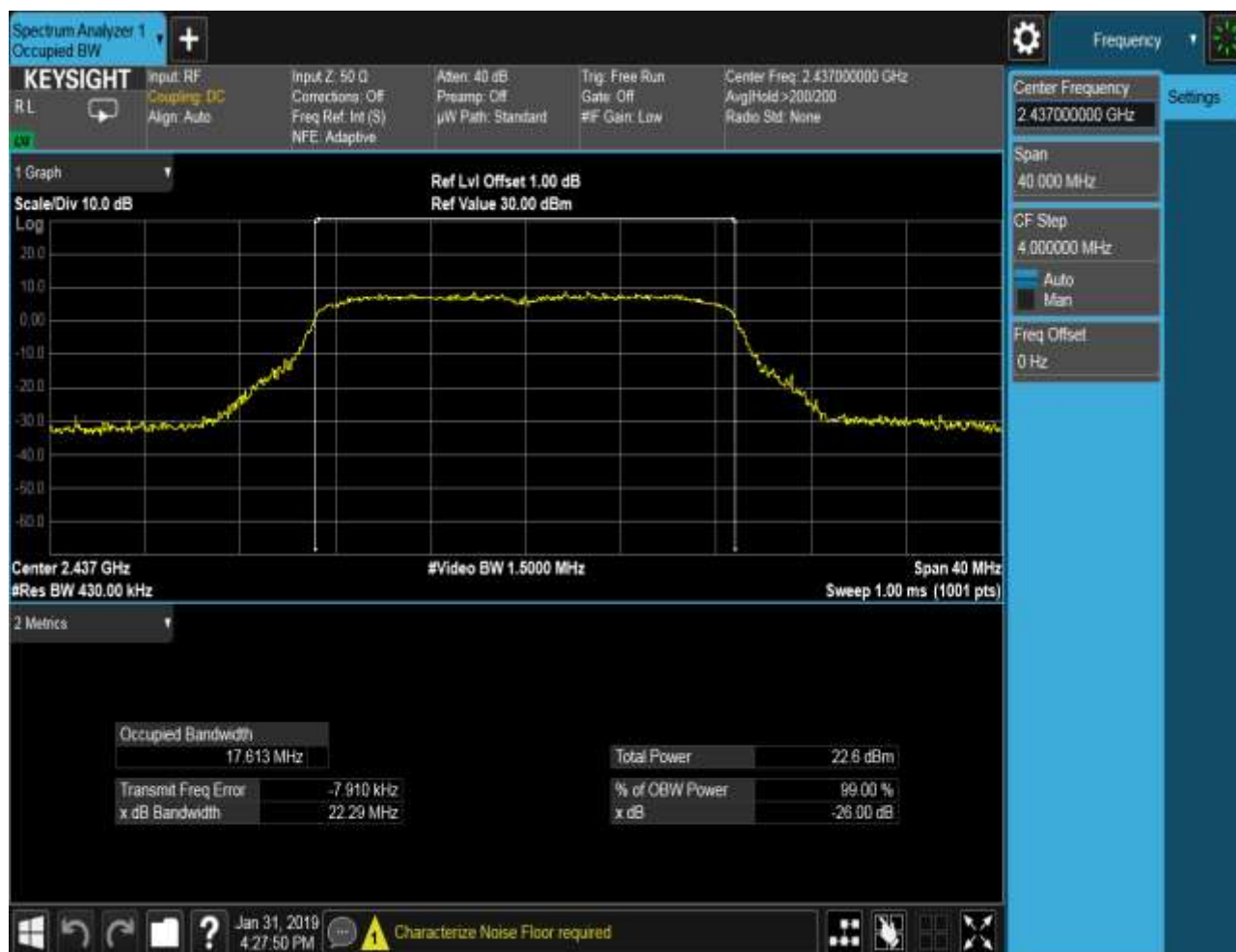
1.33 11N20SISO_Ant1_2422



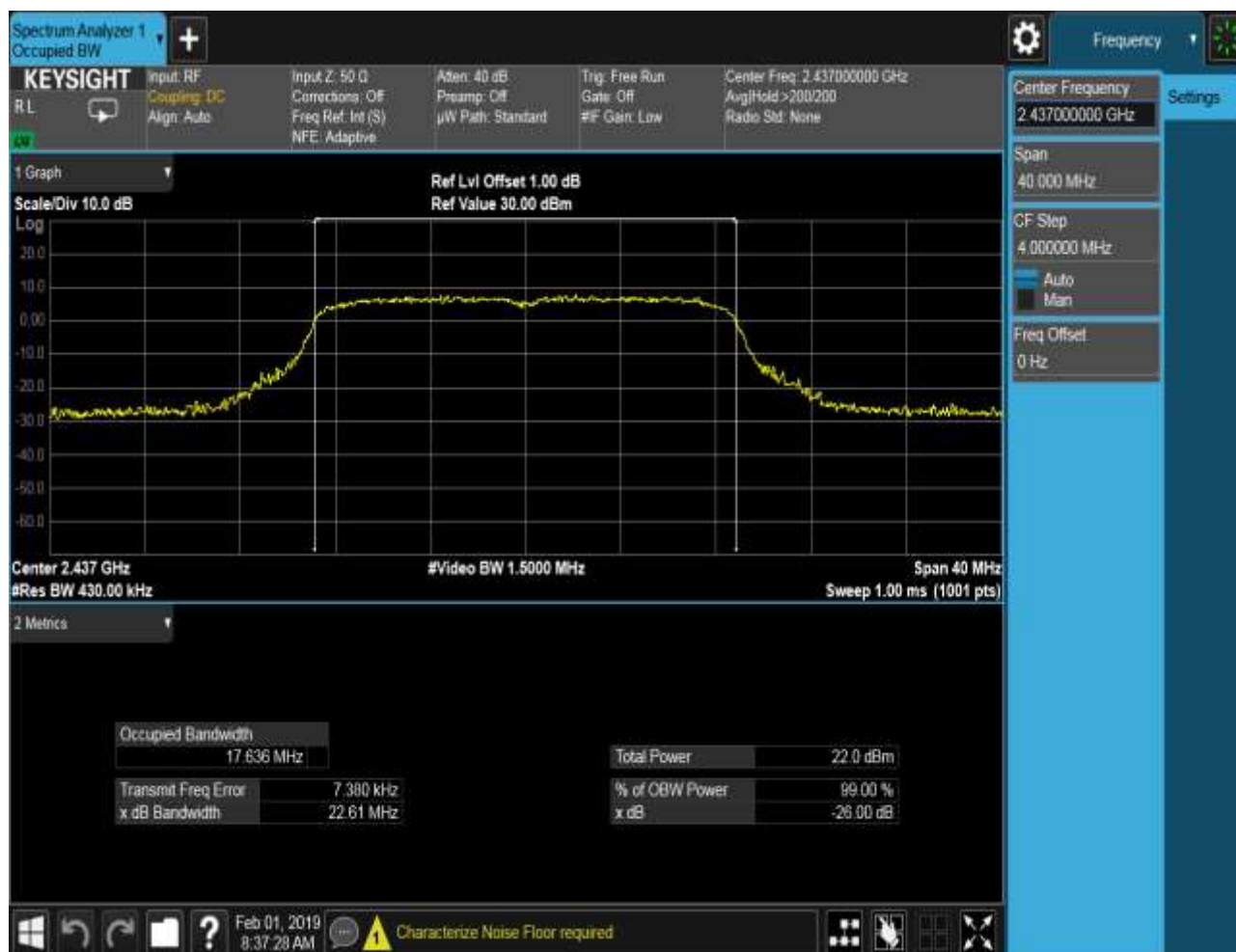
1.34 11N20SISO_Ant2_2422



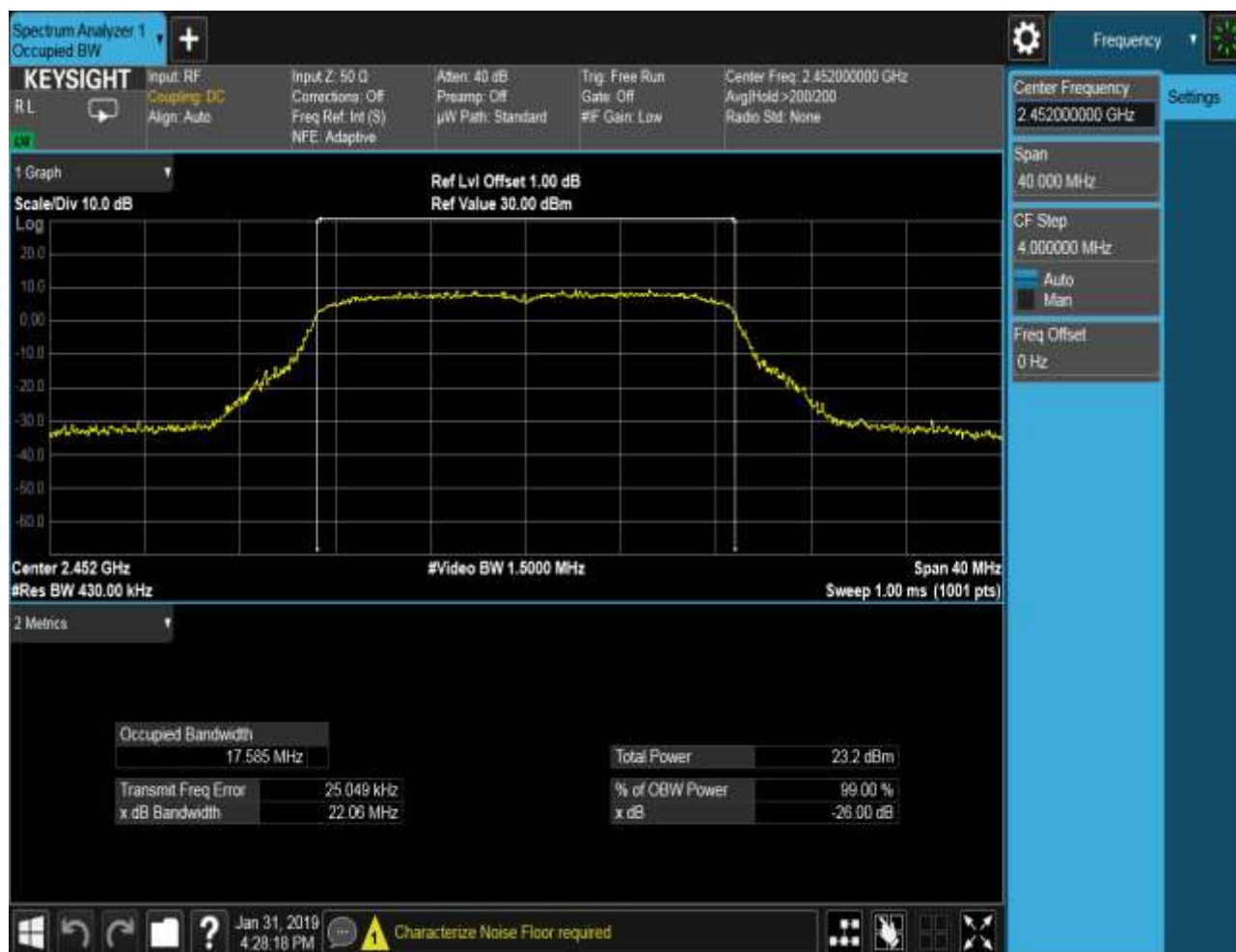
1.35 11N20SISO_Ant1_2437



1.36 11N20SISO_Ant2_2437



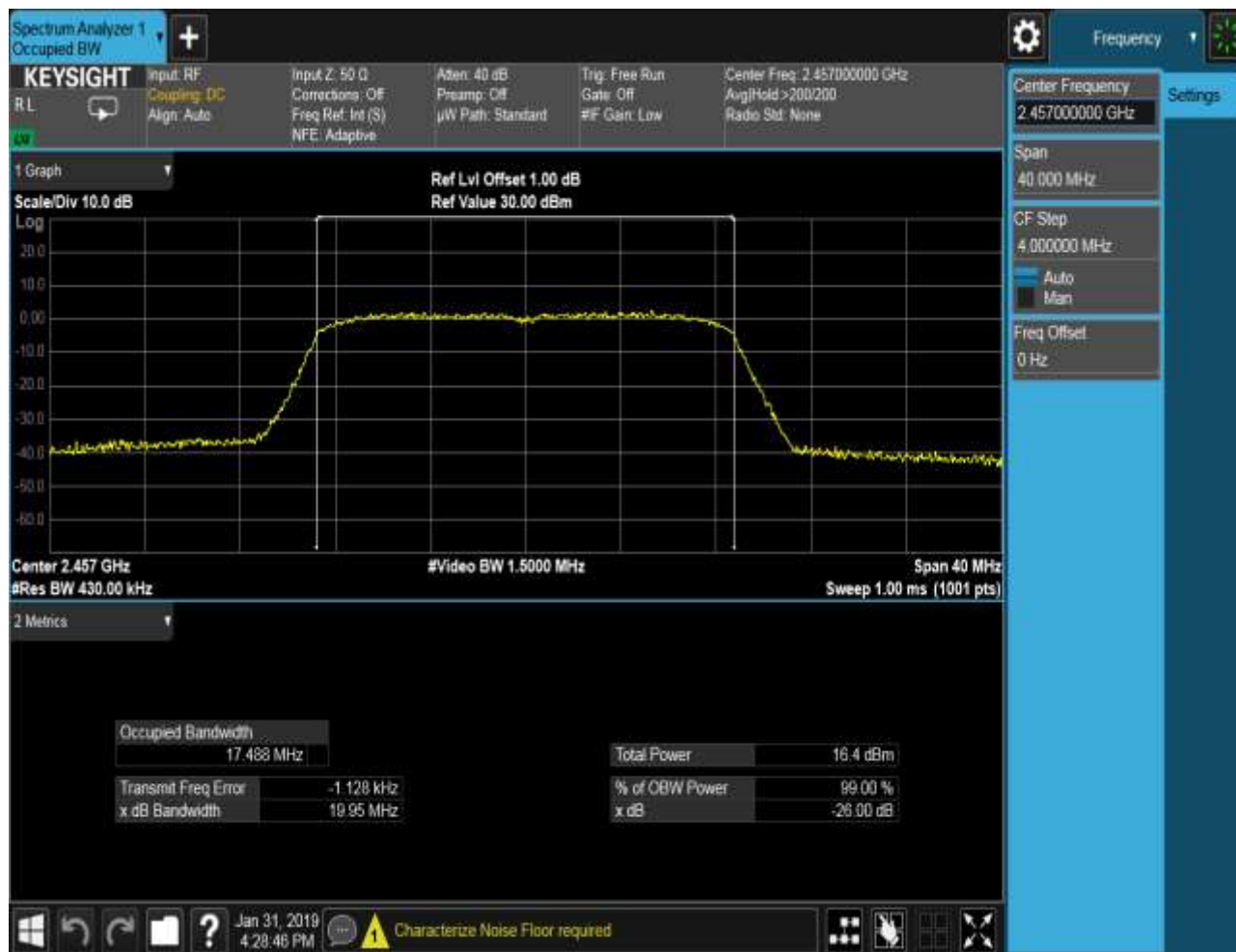
1.37 11N20SISO Ant1 2452



1.38 11N20SISO Ant2 2452



1.39 11N20SISO_Ant1_2457



1.40 11N20SISO Ant2 2457



1.41 11N20SISO Ant1 2462



1.42 11N20SISO_Ant2_2462



1.43 11N40SISO Ant1 2422



1.44 11N40SISO_Ant2_2422



1.45 11N40SISO_Ant1_2427



1.46 11N40SISO_Ant2_2427



1.47 11N40SISO_Ant1_2432



1.48 11N40SISO_Ant2_2432



1.49 11N40SISO Ant1 2437

