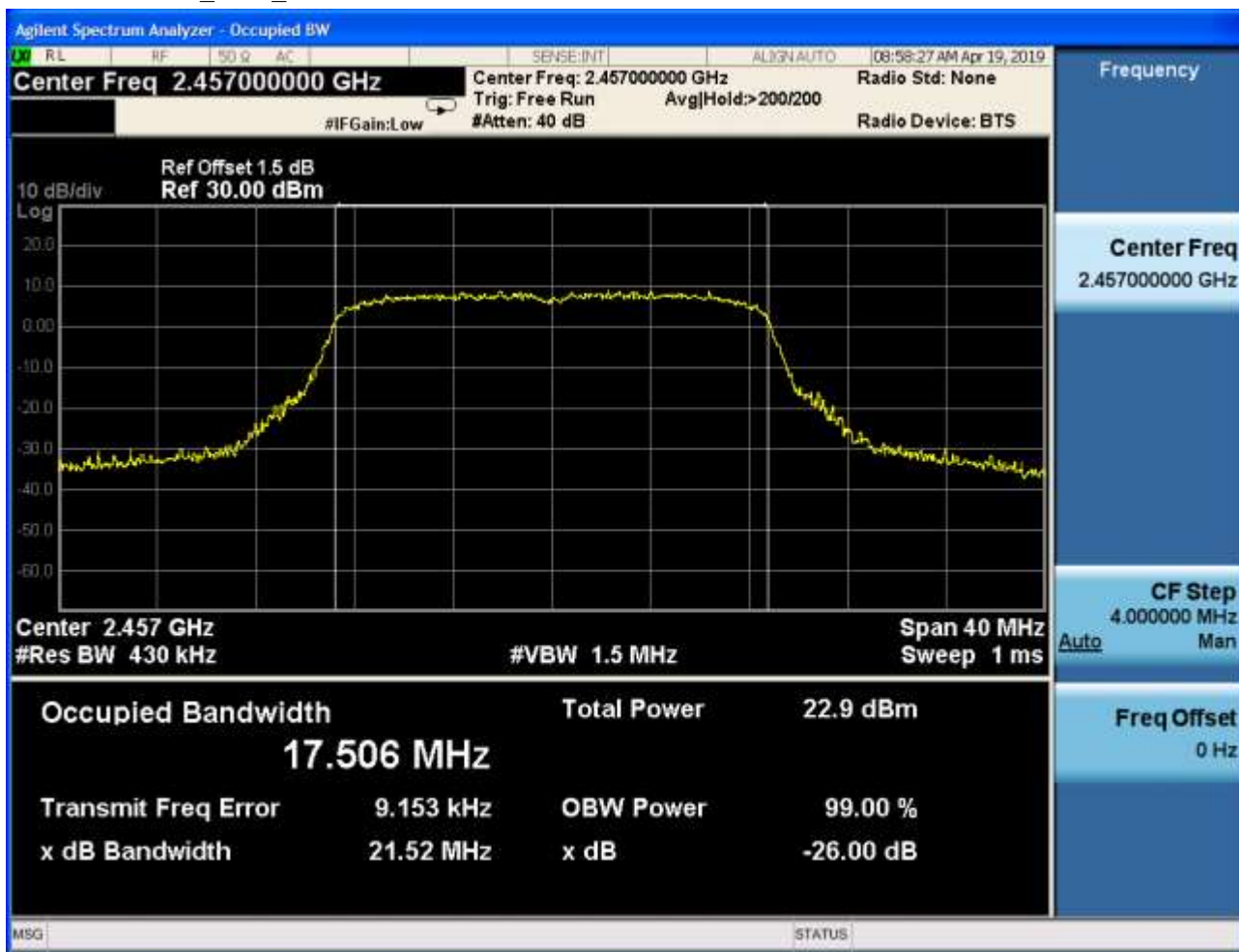




1.36 11N20SISO_Ant2_2457



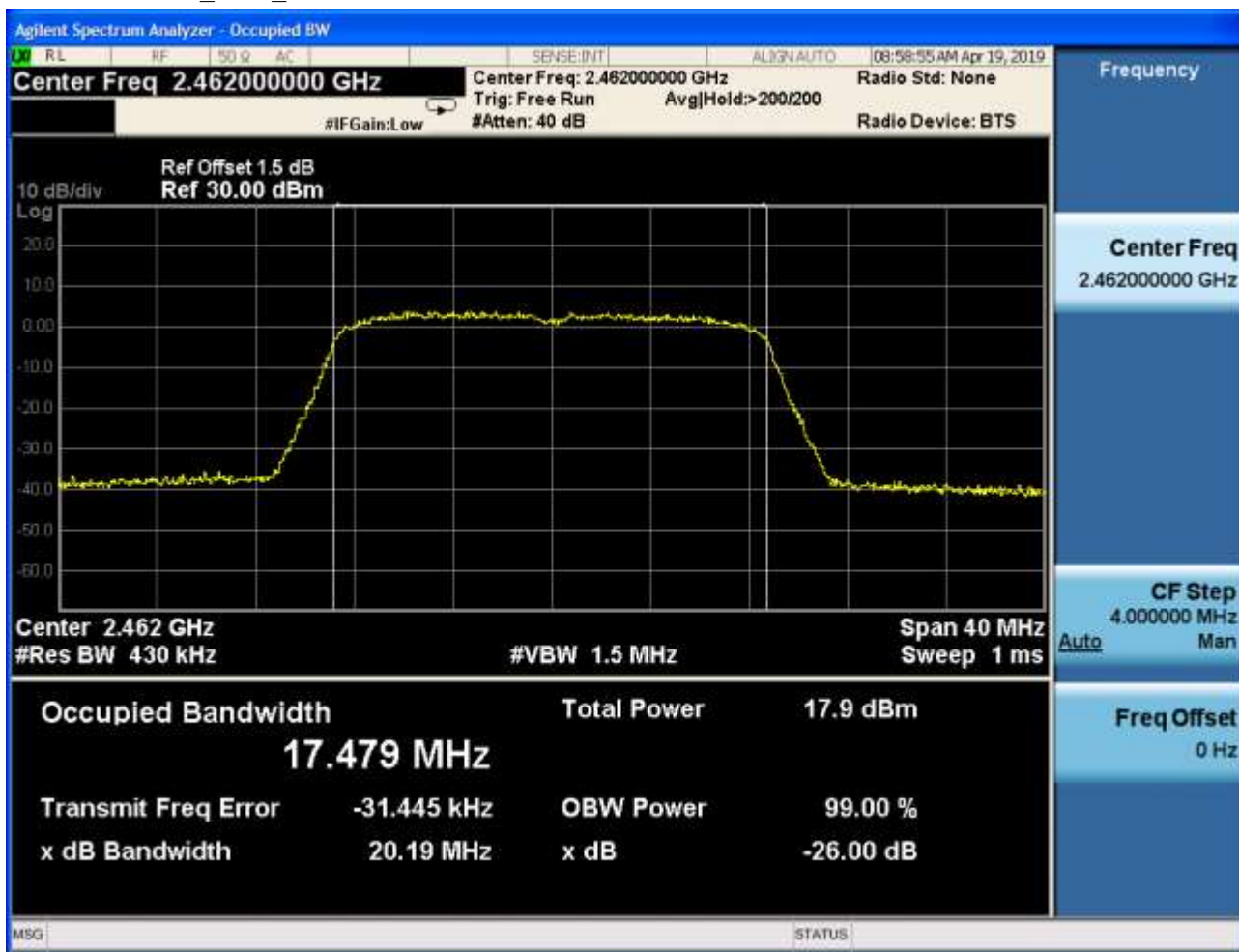


1.37 11N20SISO_Ant1_2462





1.38 11N20SISO_Ant2_2462

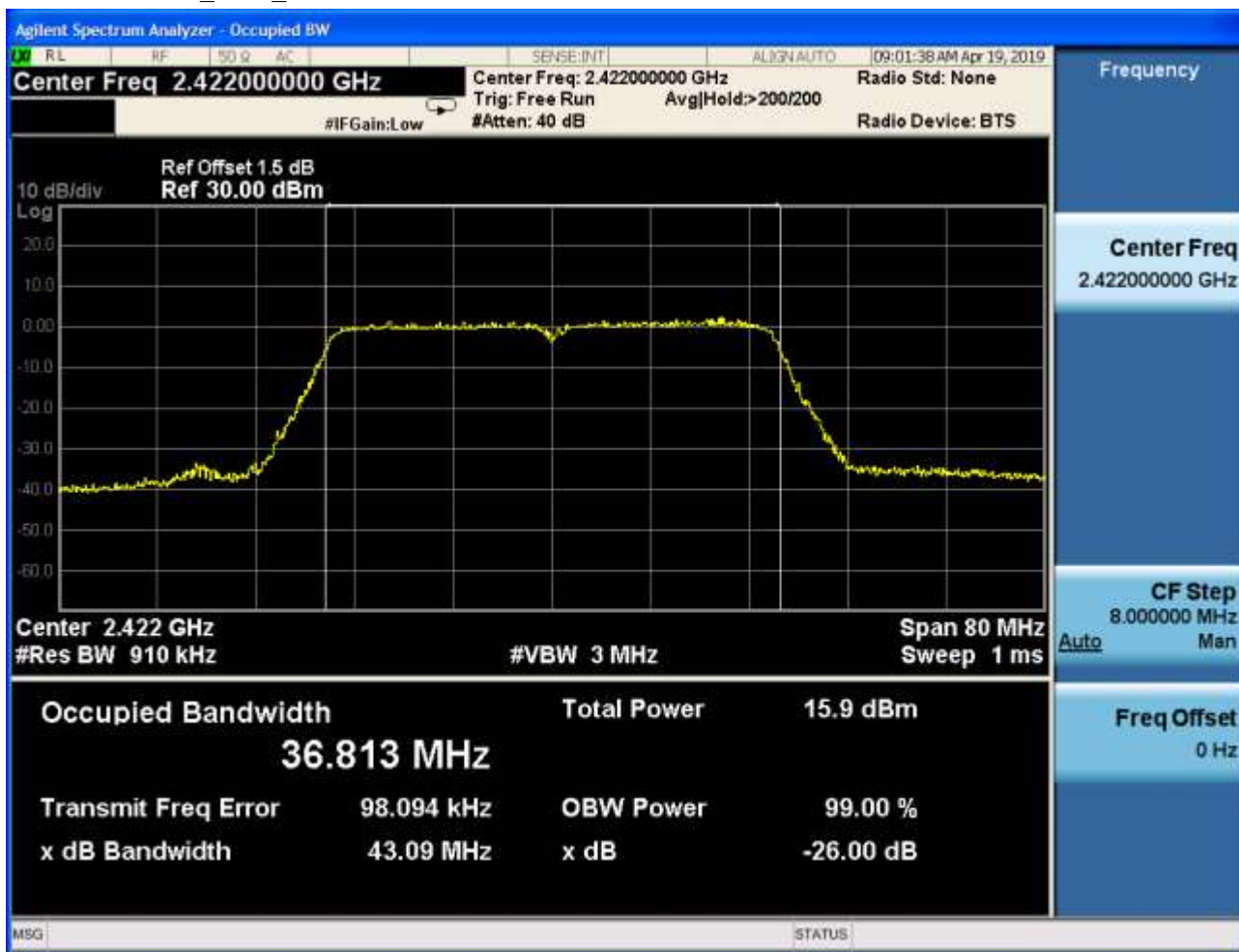


1.39 11N40SISO_Ant1_2422





1.40 11N40SISO_Ant2_2422





1.41 11N40SISO_Ant1_2427





1.42 11N40SISO_Ant2_2427

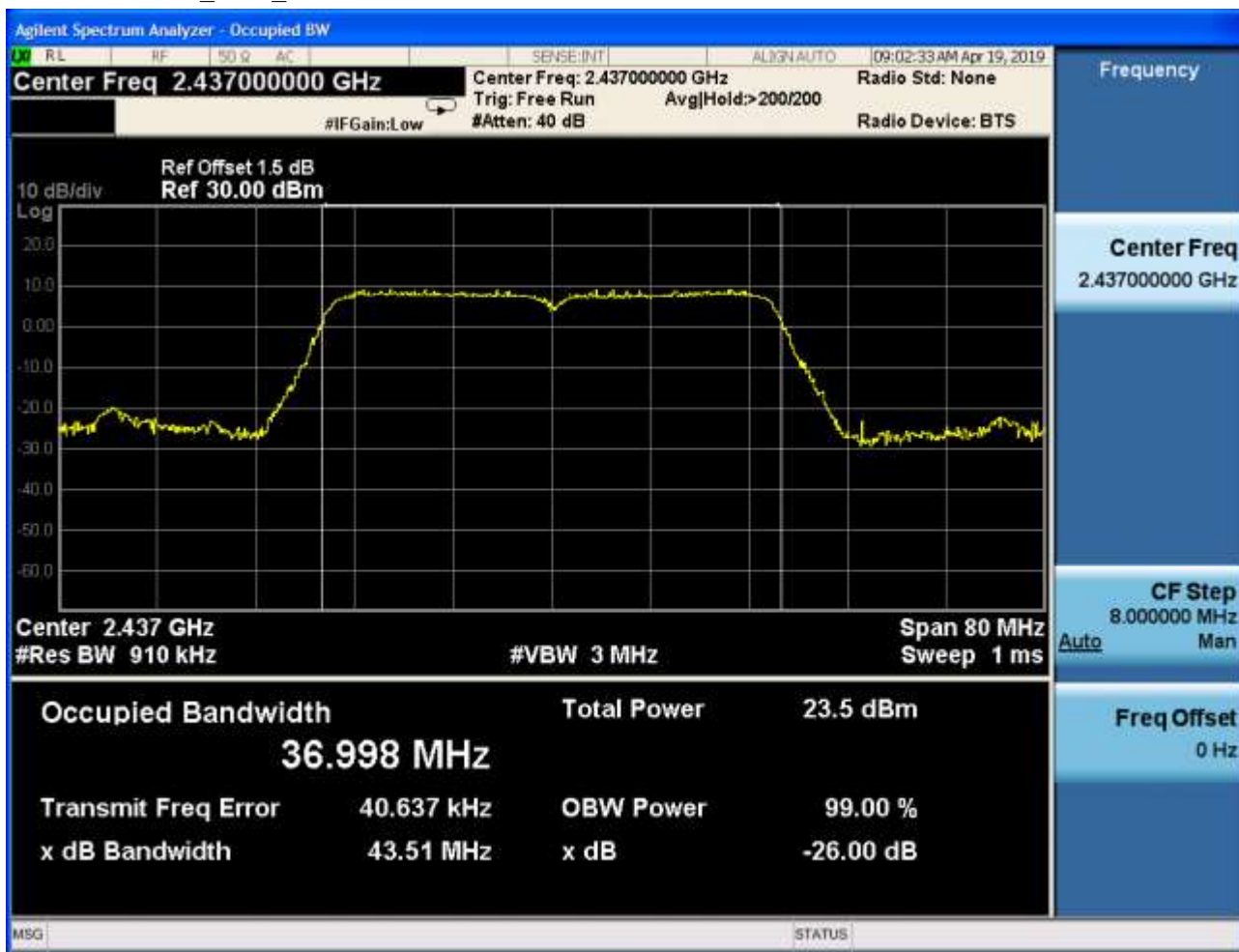


1.43 11N40SISO_Ant1_2437





1.44 11N40SISO_Ant2_2437

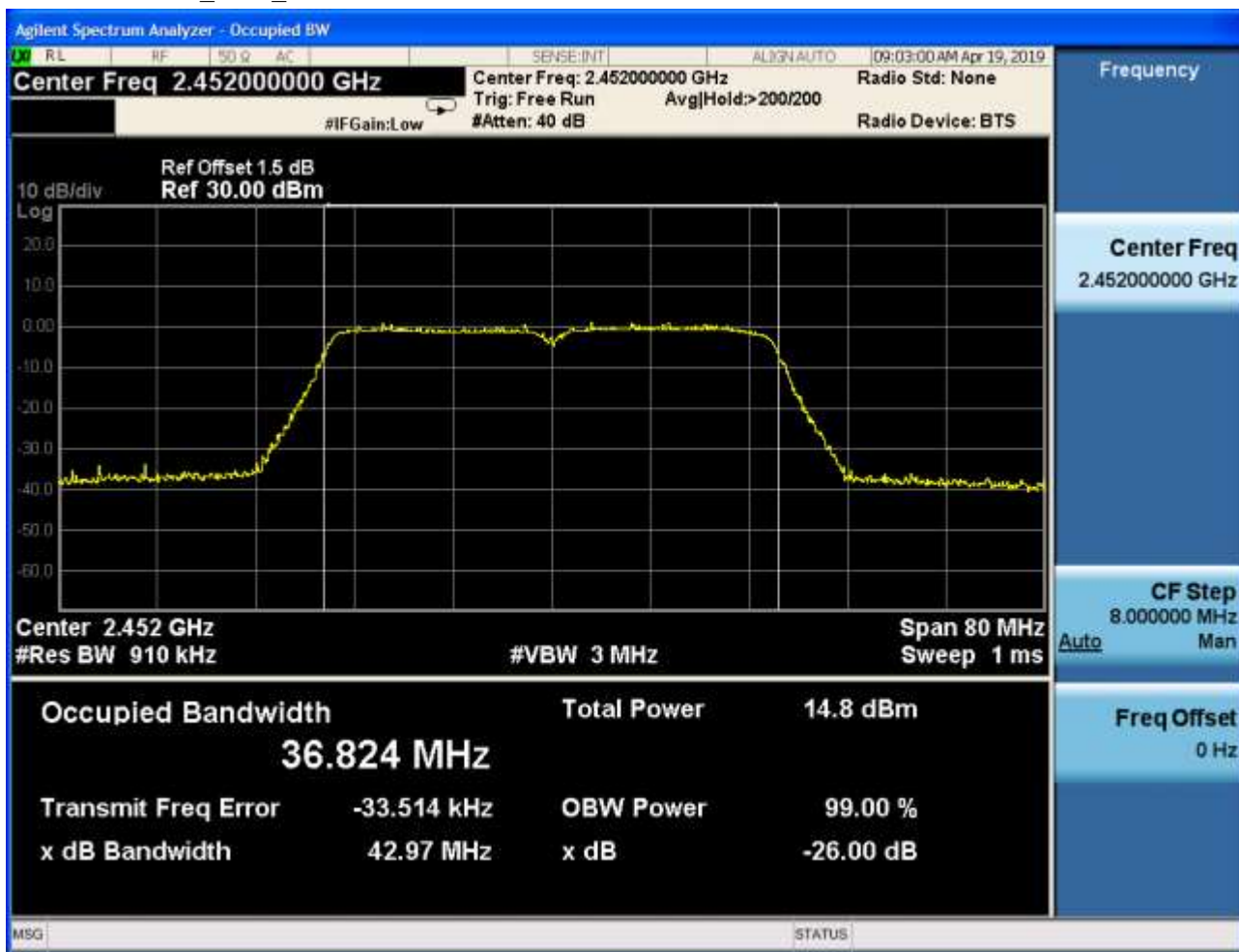


1.45 11N40SISO_Ant1_2452



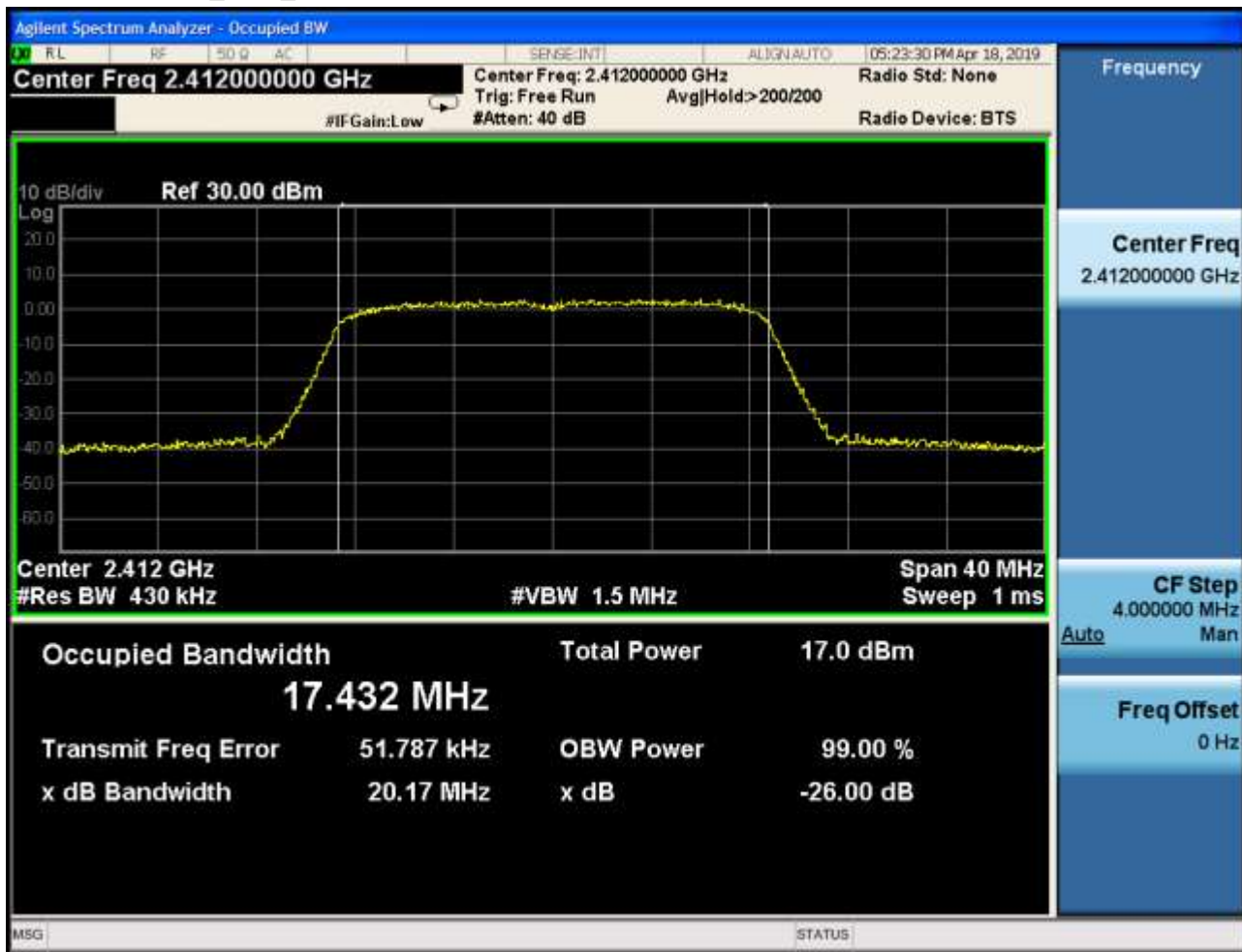


1.46 11N40SISO_Ant2_2452



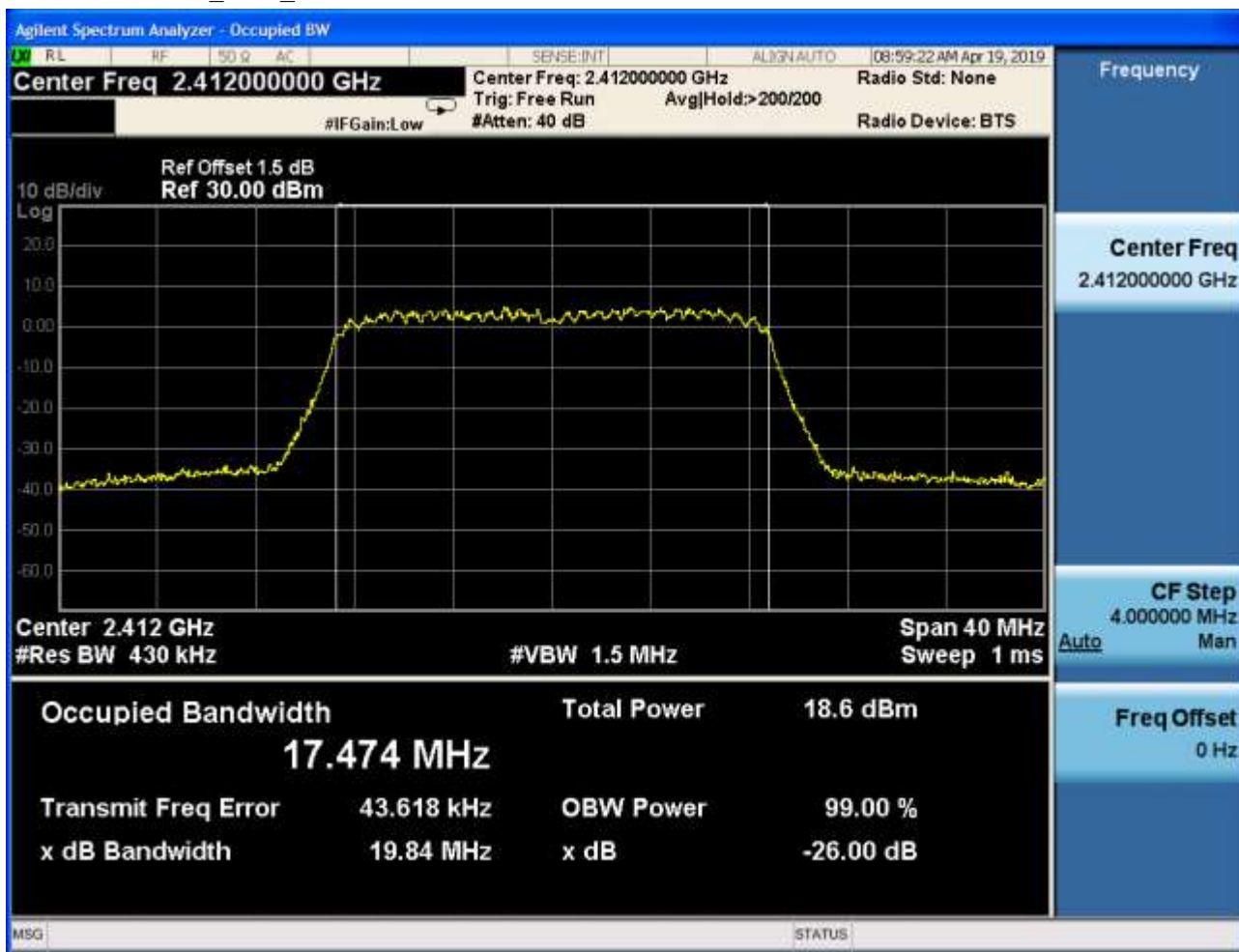


1.47 11N20MIMO_Ant1_2412

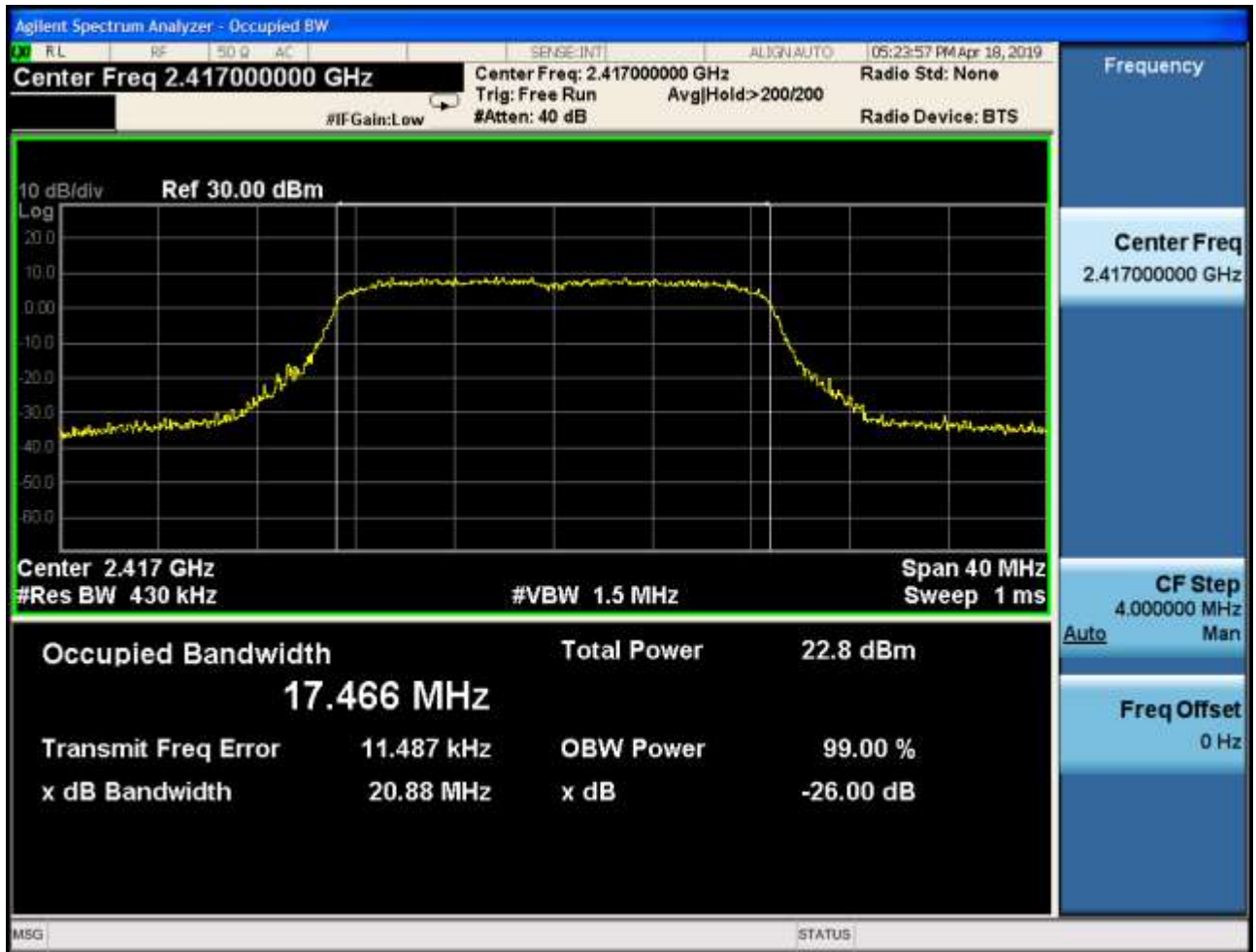




1.48 11N20MIMO_Ant2_2412

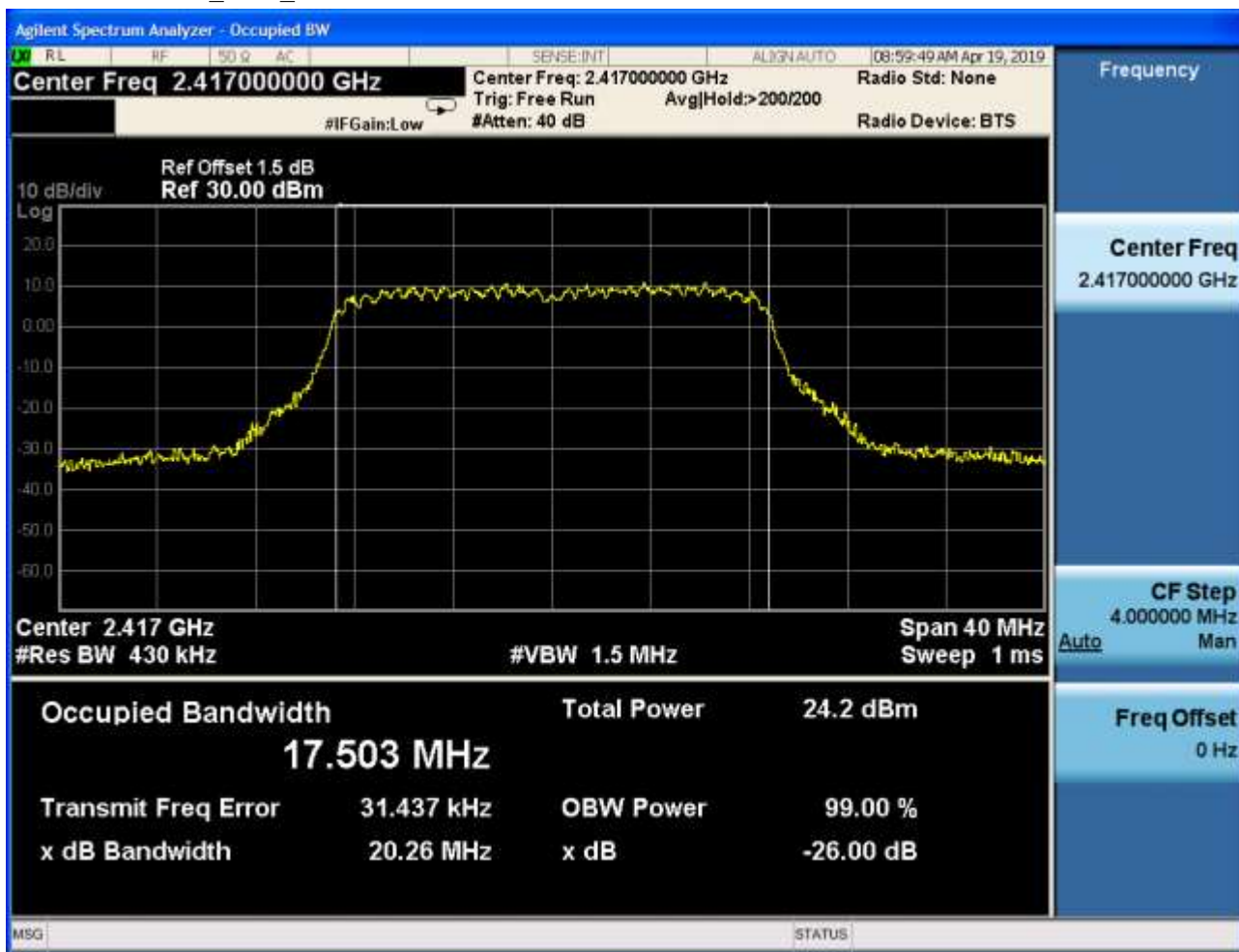


1.49 11N20MIMO_Ant1_2417



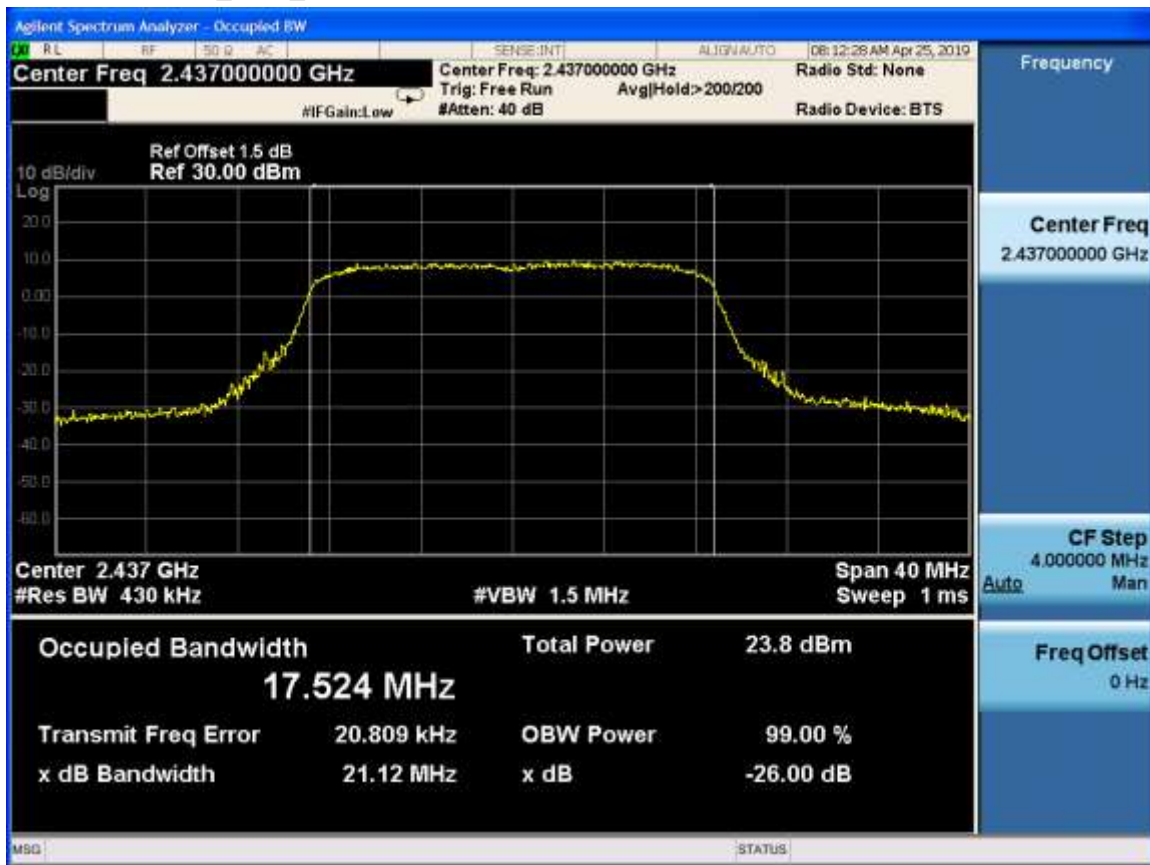


1.50 11N20MIMO_Ant2_2417



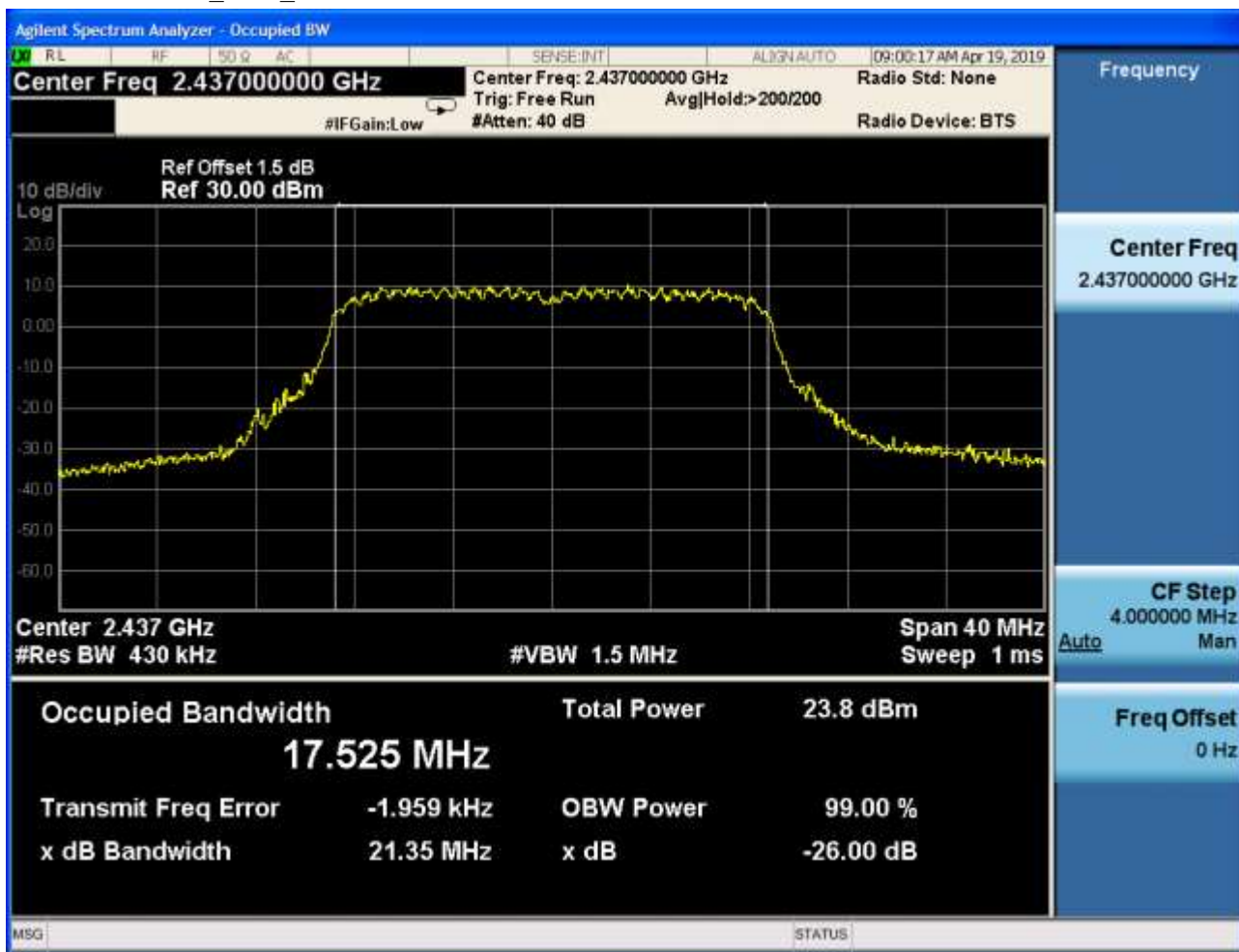


1.51 11N20MIMO_Ant1_2437

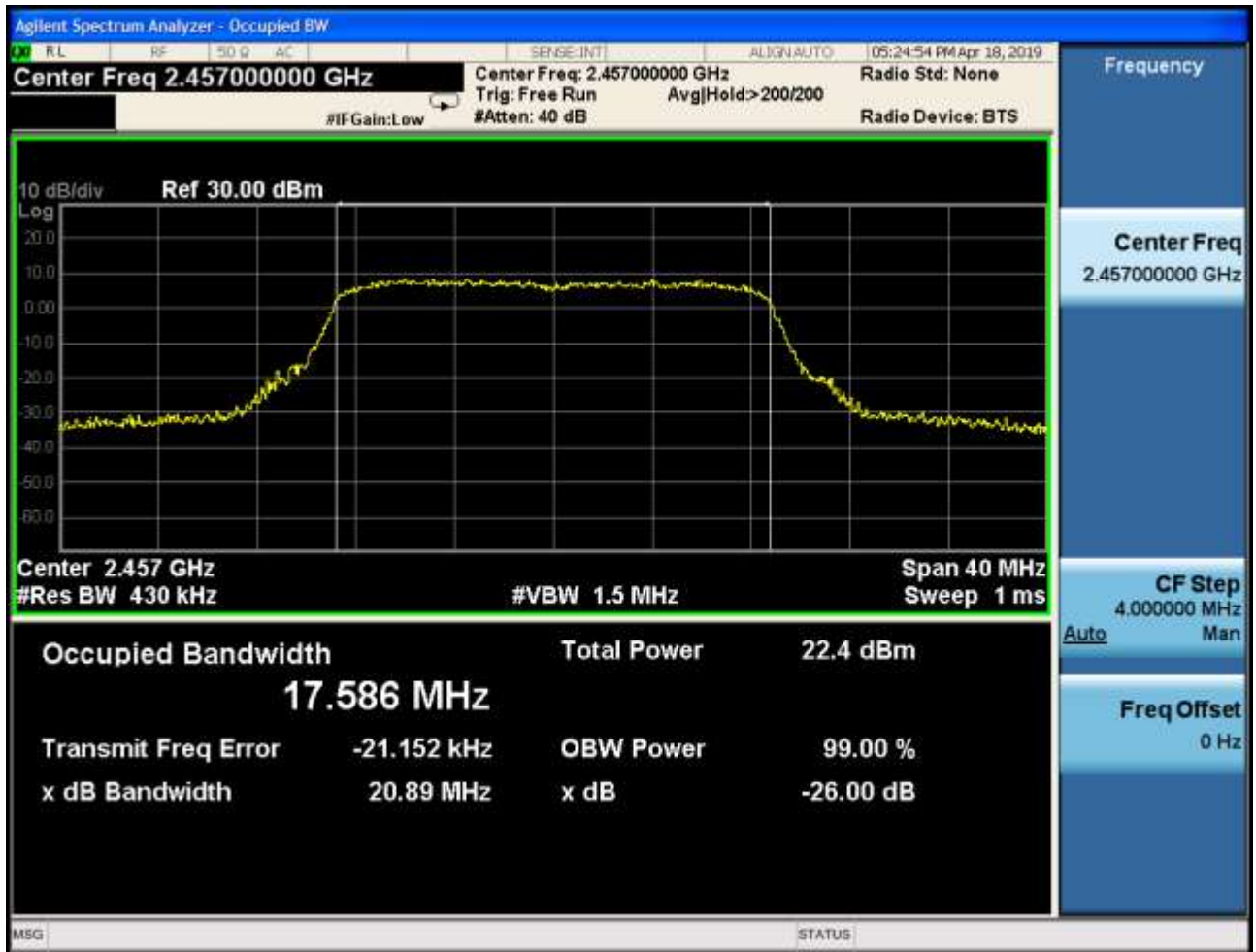




1.52 11N20MIMO_Ant2_2437

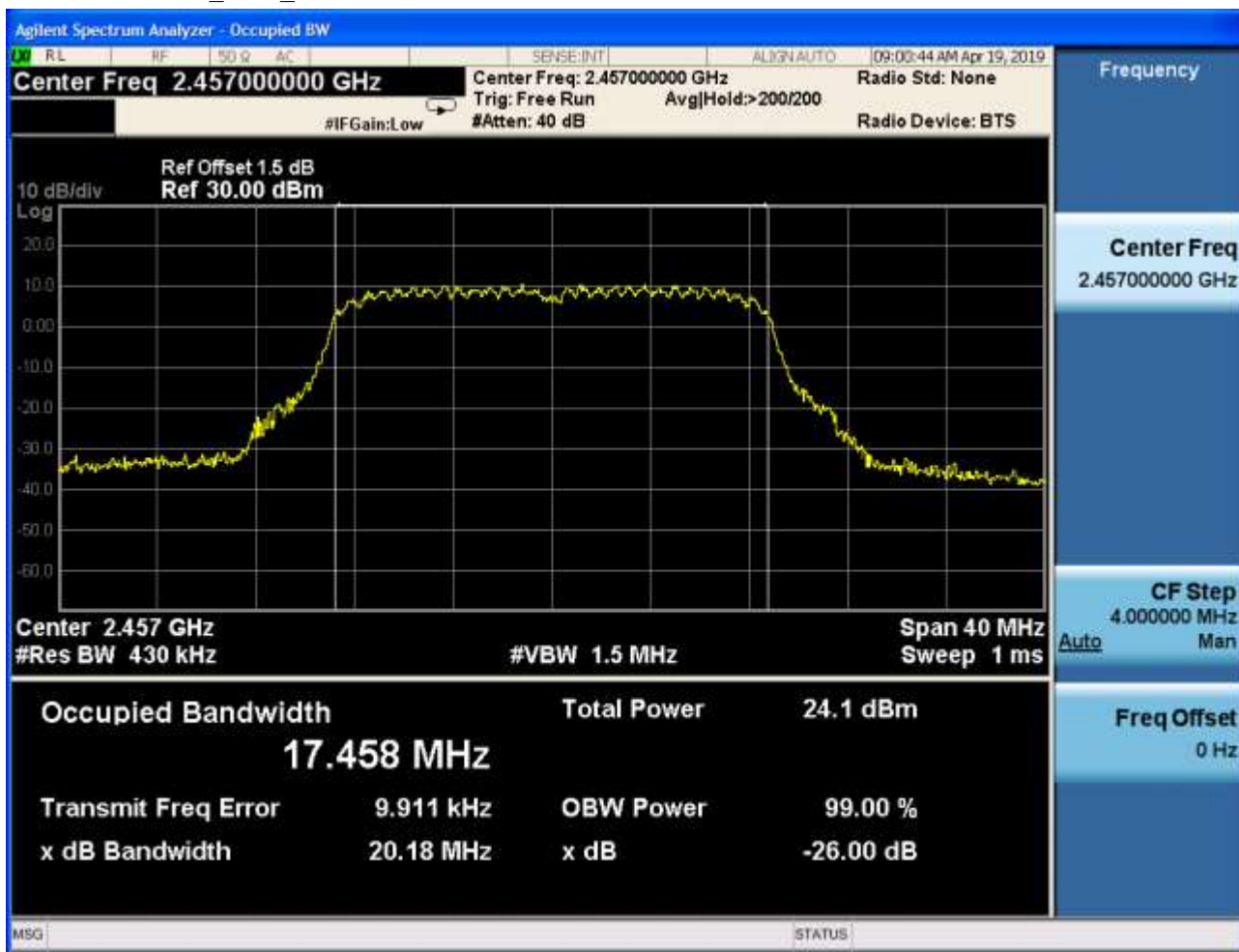


1.53 11N20MIMO_Ant1_2457





1.54 11N20MIMO_Ant2_2457

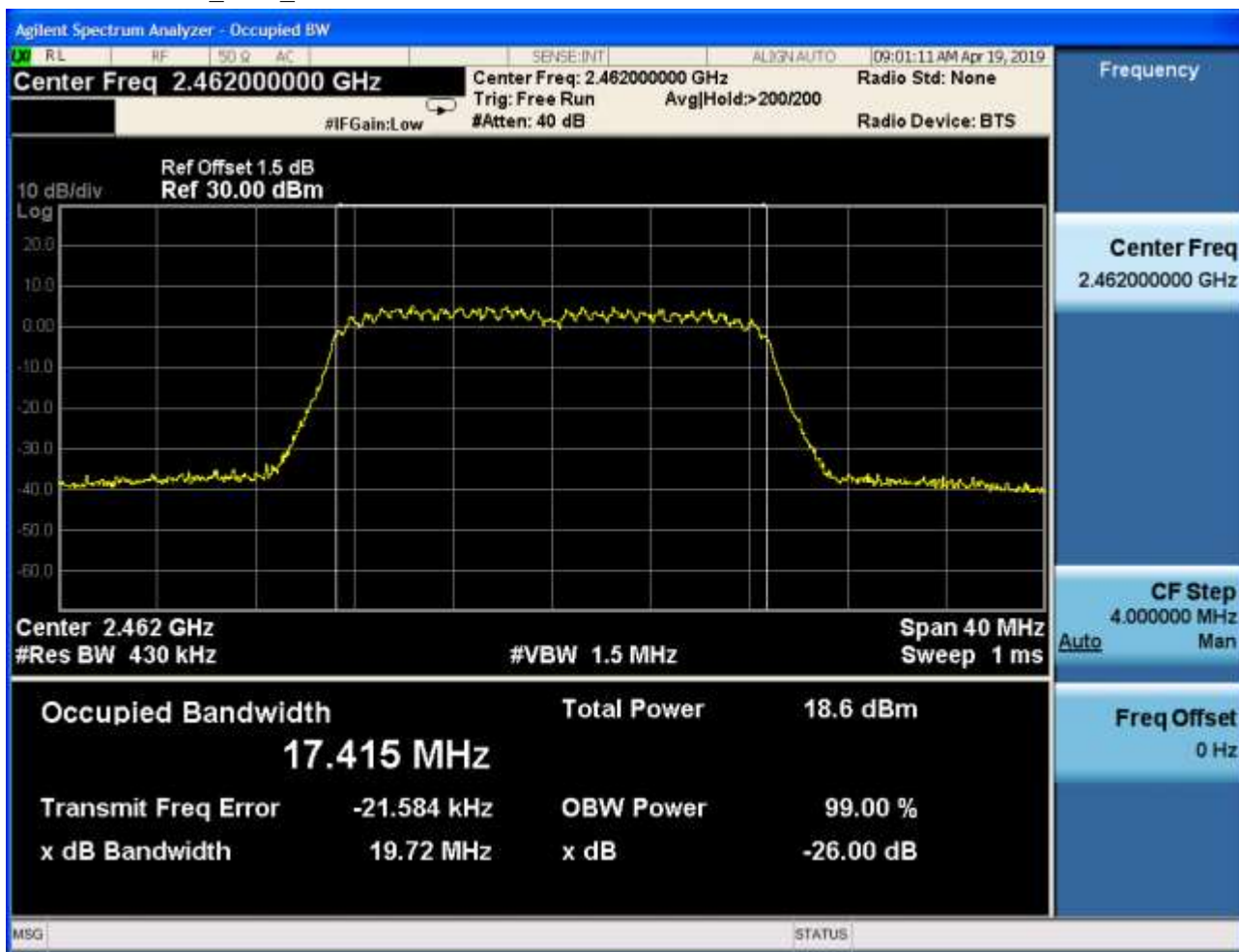


1.55 11N20MIMO_Ant1_2462

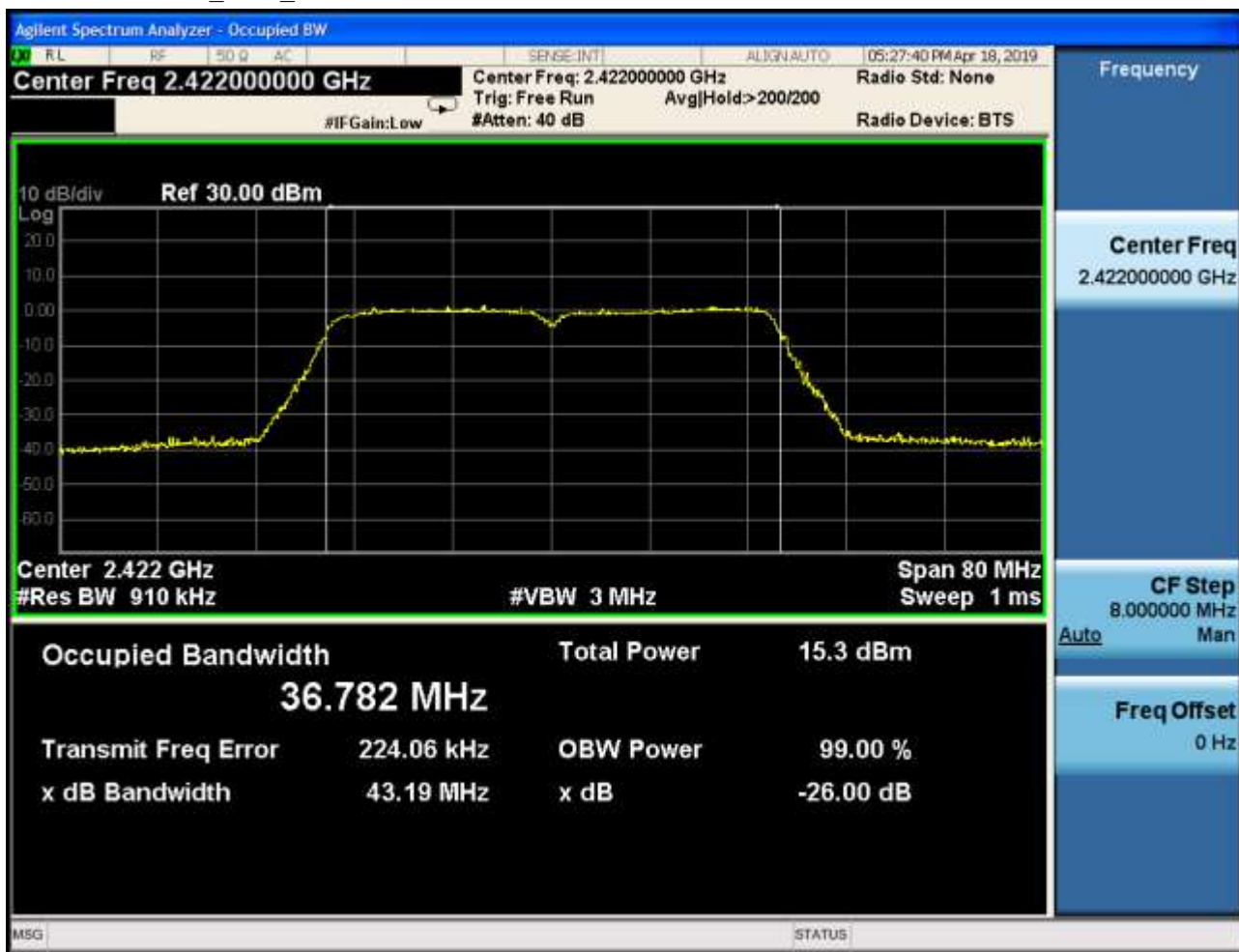




1.56 11N20MIMO_Ant2_2462

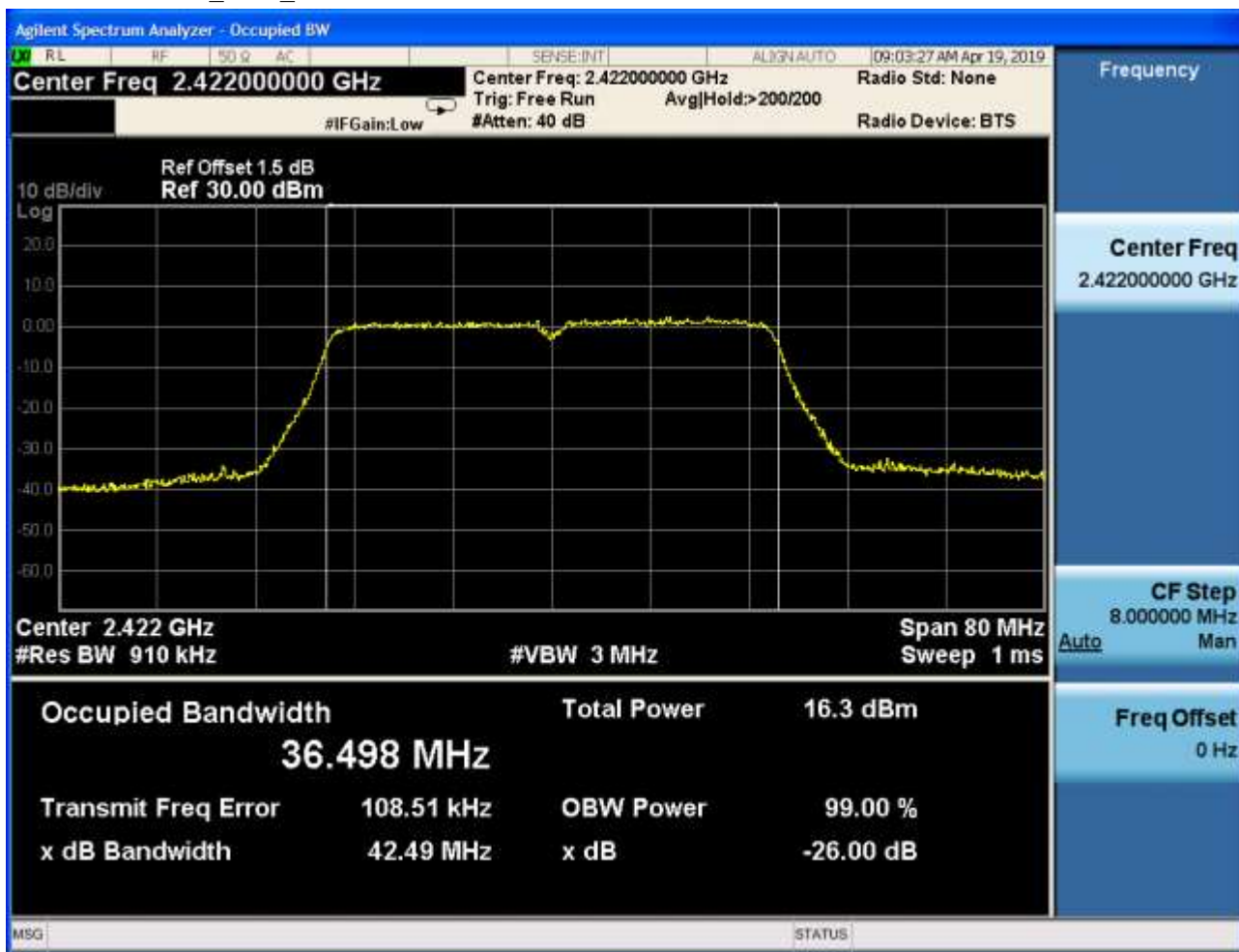


1.57 11N40MIMO_Ant1_2422





1.58 11N40MIMO_Ant2_2422



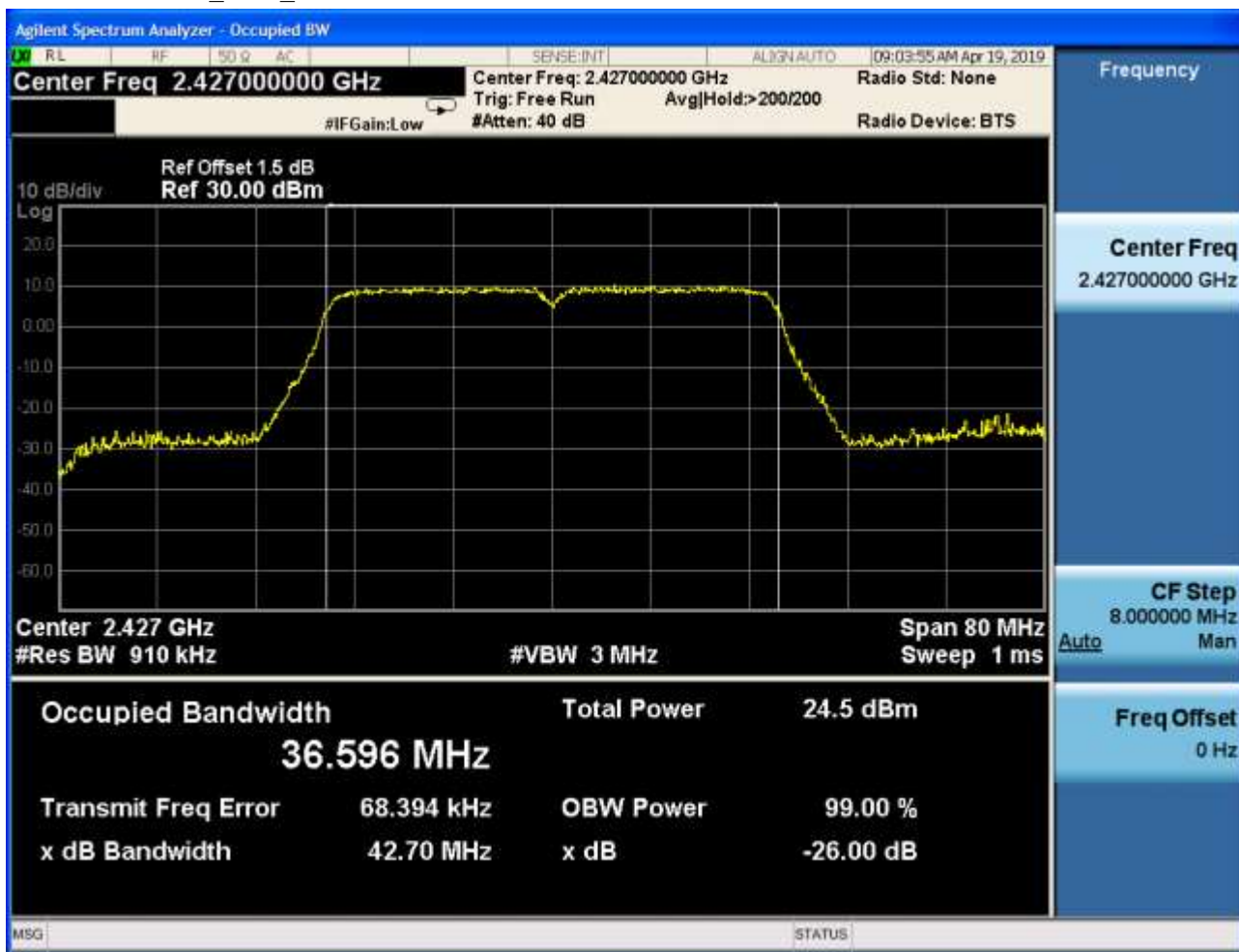


1.59 11N40MIMO_Ant1_2427





1.60 11N40MIMO_Ant2_2427

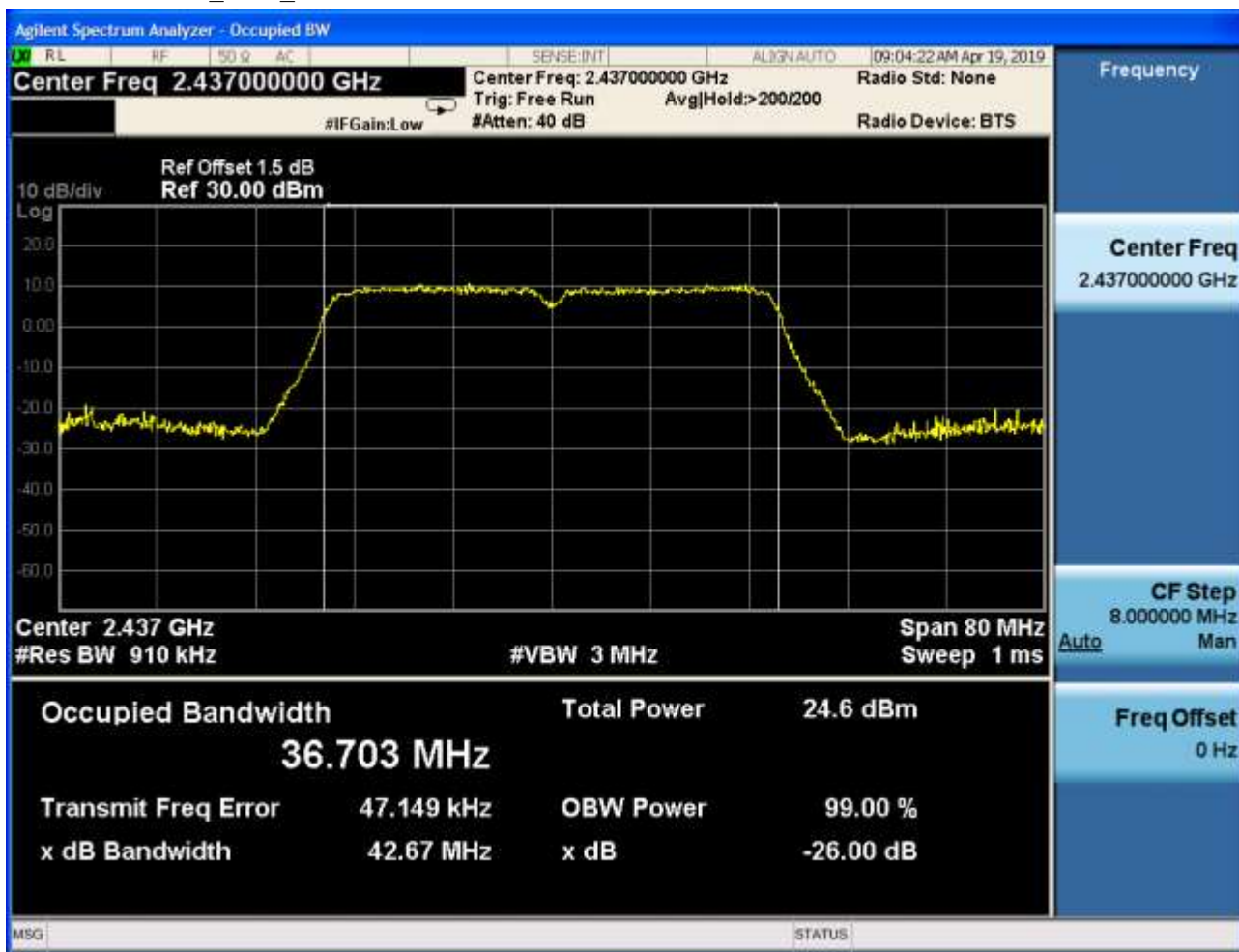


1.61 11N40MIMO_Ant1_2437

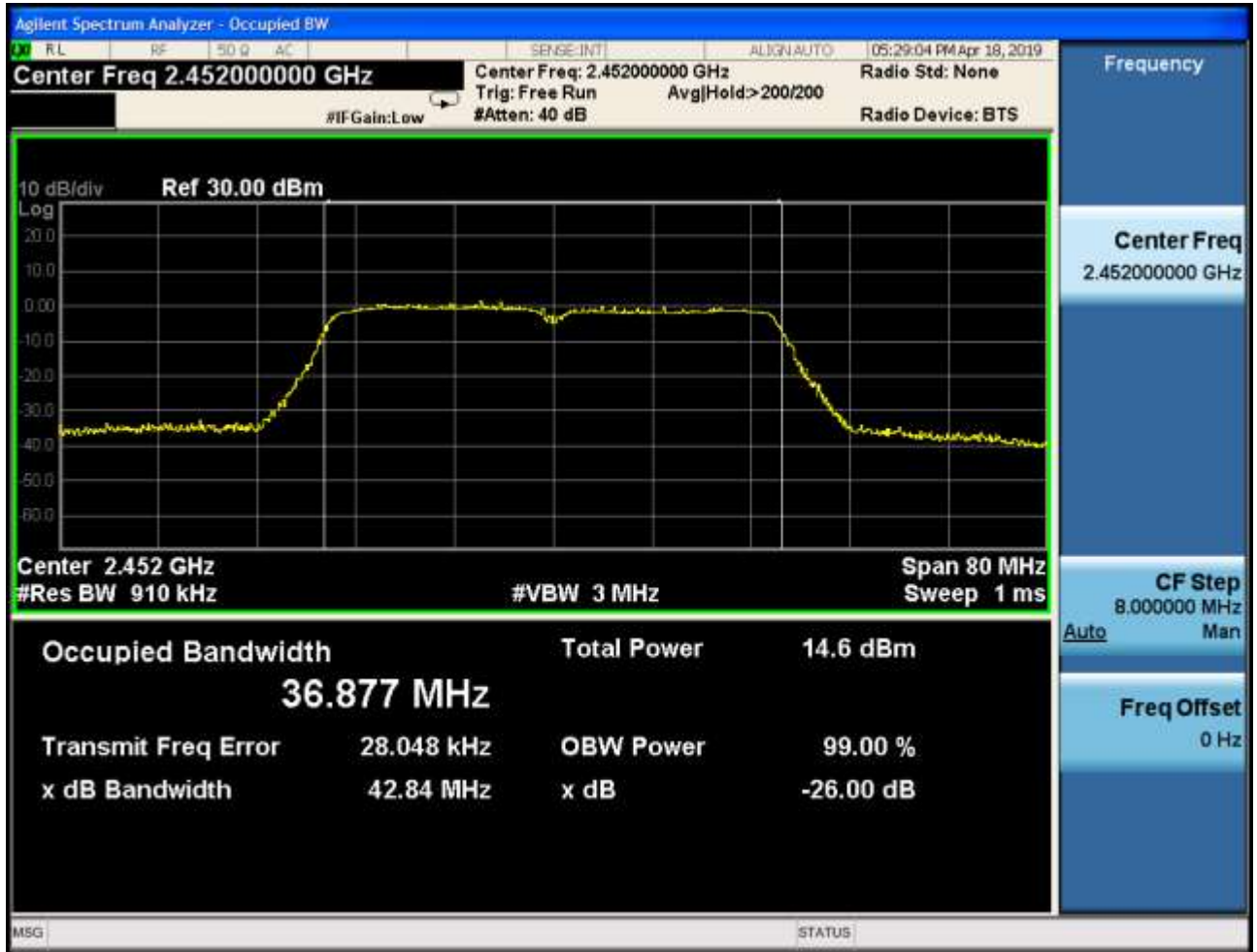




1.62 11N40MIMO_Ant2_2437

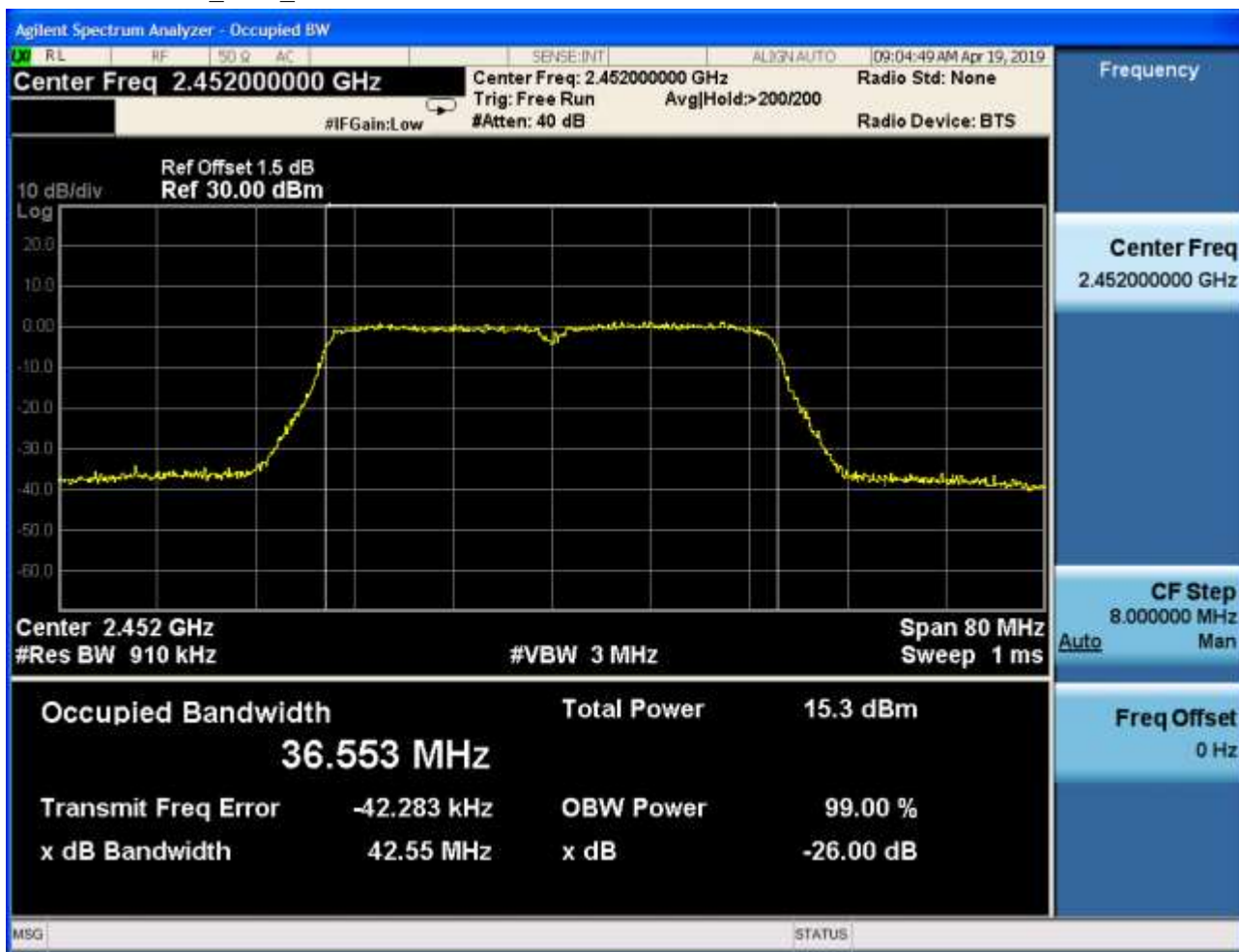


1.63 11N40MIMO_Ant1_2452





1.64 11N40MIMO_Ant2_2452



Appendix C: Duty Cycle

Part I - Test Results

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty cycle [%]	Limit	Verdict
11B	Ant1	2412	16.419	16.432	99.92	---	PASS
11B	Ant2	2412	16.419	16.432	99.92	---	PASS
11B	Ant1	2417	16.419	16.432	99.92	---	PASS
11B	Ant2	2417	16.419	16.432	99.92	---	PASS
11B	Ant1	2437	16.419	16.432	99.92	---	PASS
11B	Ant2	2437	16.419	16.432	99.92	---	PASS
11B	Ant1	2462	16.419	16.432	99.92	---	PASS
11B	Ant2	2462	16.419	16.434	99.91	---	PASS
11G	Ant1	2412	2.729	2.752	99.15	---	PASS
11G	Ant2	2412	2.729	2.751	99.19	---	PASS
11G	Ant1	2417	2.729	2.752	99.15	---	PASS
11G	Ant2	2417	2.729	2.751	99.19	---	PASS
11G	Ant1	2437	2.729	2.752	99.15	---	PASS
11G	Ant2	2437	2.729	2.751	99.19	---	PASS
11G	Ant1	2457	2.729	2.752	99.15	---	PASS
11G	Ant2	2457	2.729	2.751	99.19	---	PASS
11G	Ant1	2462	2.730	2.752	99.19	---	PASS
11G	Ant2	2462	2.729	2.751	99.19	---	PASS
11G20CDD	Ant1	2412	2.729	2.751	99.19	---	PASS
11G20CDD	Ant2	2412	2.729	2.751	99.19	---	PASS
11G20CDD	Ant1	2417	2.729	2.752	99.15	---	PASS
11G20CDD	Ant2	2417	2.729	2.752	99.15	---	PASS
11G20CDD	Ant1	2437	2.729	2.752	99.15	---	PASS
11G20CDD	Ant2	2437	2.730	2.752	99.19	---	PASS
11G20CDD	Ant1	2457	2.730	2.752	99.19	---	PASS
11G20CDD	Ant2	2457	2.729	2.752	99.15	---	PASS
11G20CDD	Ant1	2462	2.729	2.752	99.15	---	PASS
11G20CDD	Ant2	2462	2.729	2.752	99.15	---	PASS
11N20SISO	Ant1	2412	2.536	2.560	99.08	---	PASS
11N20SISO	Ant2	2412	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	2417	2.536	2.560	99.08	---	PASS
11N20SISO	Ant2	2417	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	2437	2.536	2.560	99.08	---	PASS
11N20SISO	Ant2	2437	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	2457	2.536	2.560	99.08	---	PASS
11N20SISO	Ant2	2457	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	2462	2.537	2.560	99.12	---	PASS
11N20SISO	Ant2	2462	2.536	2.559	99.12	---	PASS
11N20MIMO	Ant1	2412	1.293	1.316	98.22	---	PASS
11N20MIMO	Ant2	2412	1.293	1.316	98.22	---	PASS
11N20MIMO	Ant1	2417	1.293	1.316	98.22	---	PASS
11N20MIMO	Ant2	2417	1.293	1.316	98.22	---	PASS
11N20MIMO	Ant1	2437	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	2437	1.293	1.316	98.22	---	PASS
11N20MIMO	Ant1	2457	1.293	1.316	98.22	---	PASS
11N20MIMO	Ant2	2457	1.293	1.316	98.22	---	PASS
11N20MIMO	Ant1	2462	1.293	1.316	98.22	---	PASS



11N20MIMO	Ant2	2462	1.293	1.316	98.22	---	PASS
11N40SISO	Ant1	2422	1.241	1.276	97.24	---	PASS
11N40SISO	Ant2	2422	1.241	1.275	97.32	---	PASS
11N40SISO	Ant1	2427	1.241	1.276	97.24	---	PASS
11N40SISO	Ant2	2427	1.241	1.275	97.32	---	PASS
11N40SISO	Ant1	2437	1.241	1.276	97.24	---	PASS
11N40SISO	Ant2	2437	1.241	1.275	97.32	---	PASS
11N40SISO	Ant1	2452	1.241	1.276	97.24	---	PASS
11N40SISO	Ant2	2452	1.241	1.275	97.32	---	PASS
11N40MIMO	Ant1	2422	0.644	0.677	95.12	---	PASS
11N40MIMO	Ant2	2422	0.645	0.682	94.68	---	PASS
11N40MIMO	Ant1	2427	0.644	0.681	94.67	---	PASS
11N40MIMO	Ant2	2427	0.644	0.681	94.67	---	PASS
11N40MIMO	Ant1	2437	0.644	0.677	95.12	---	PASS
11N40MIMO	Ant2	2437	0.644	0.681	94.67	---	PASS
11N40MIMO	Ant1	2452	0.644	0.681	94.67	---	PASS
11N40MIMO	Ant2	2452	0.644	0.681	94.67	---	PASS



Part II - Test Graphs

1.1 11B_Ant1_2412



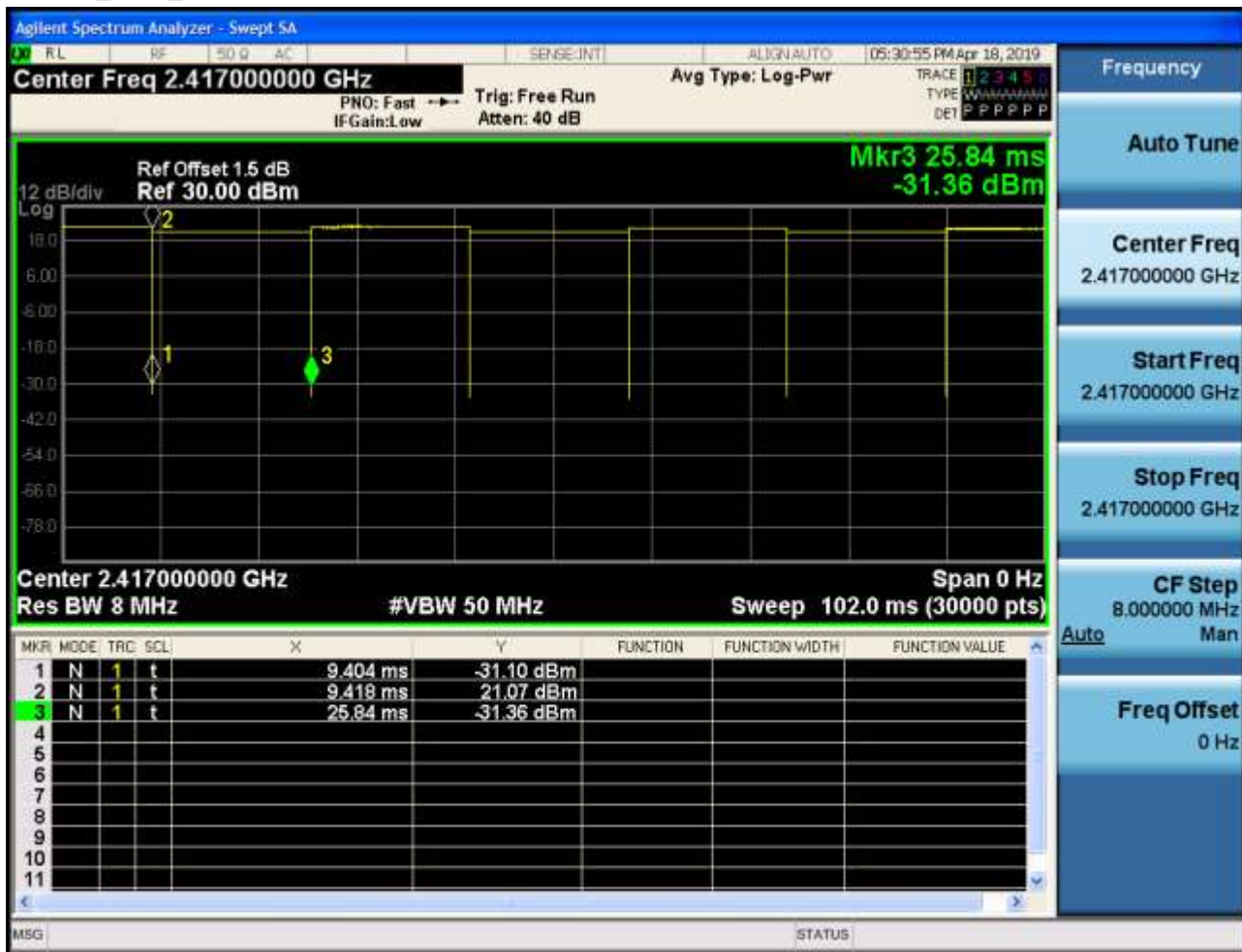


1.2 11B_Ant2_2412



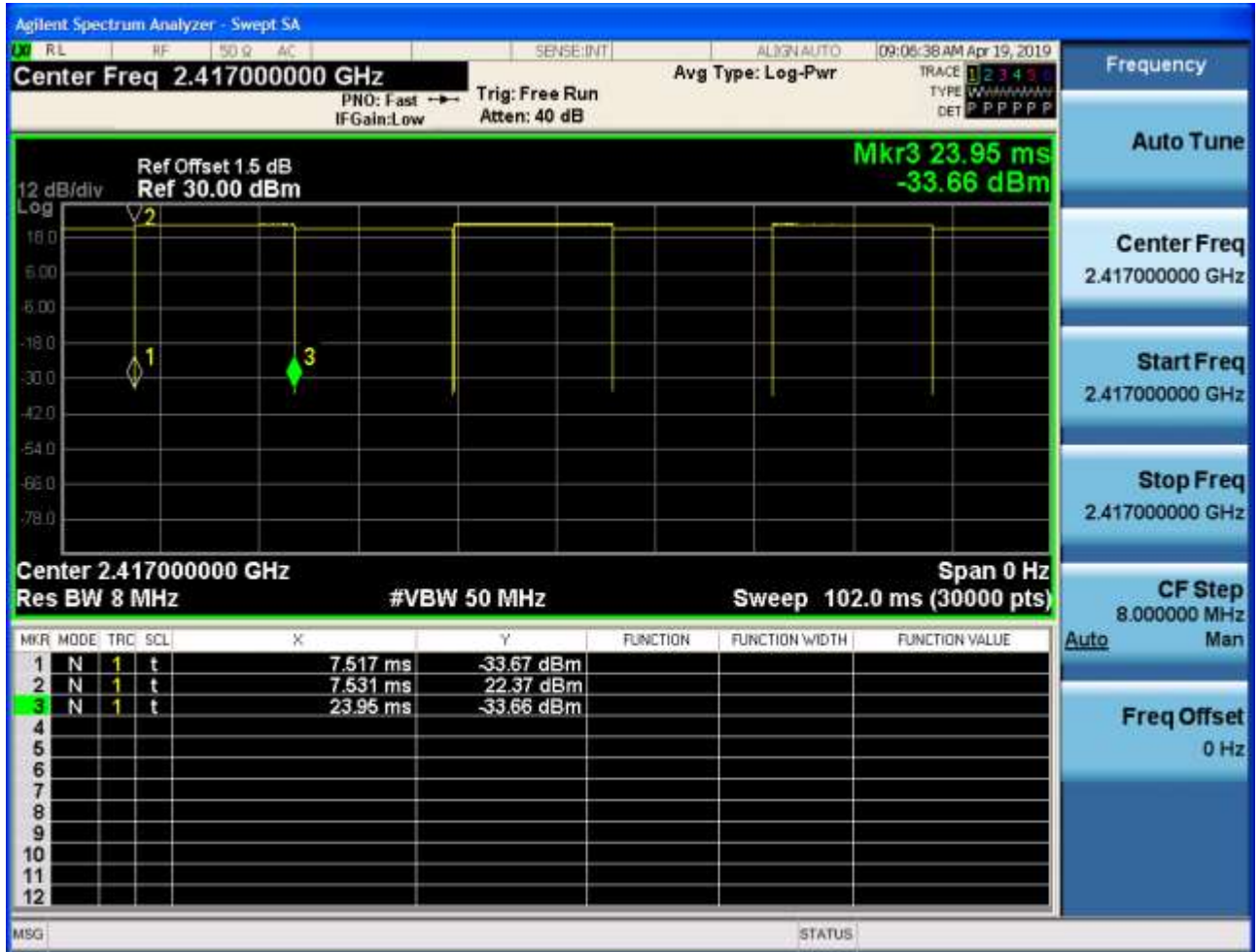


1.3 11B_Ant1_2417





1.4 11B_Ant2_2417





1.5 11B_Ant1_2437



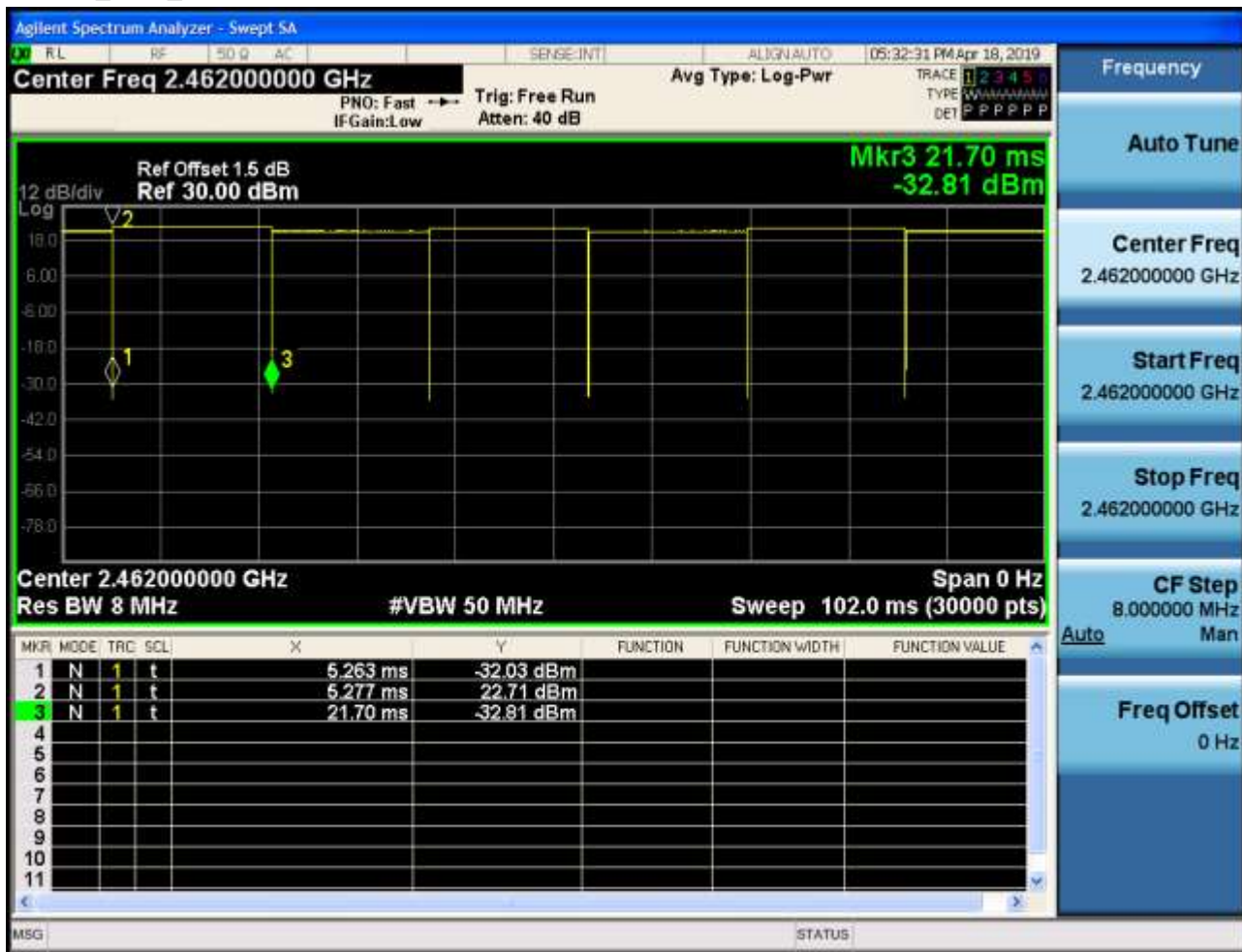


1.6 11B_Ant2_2437



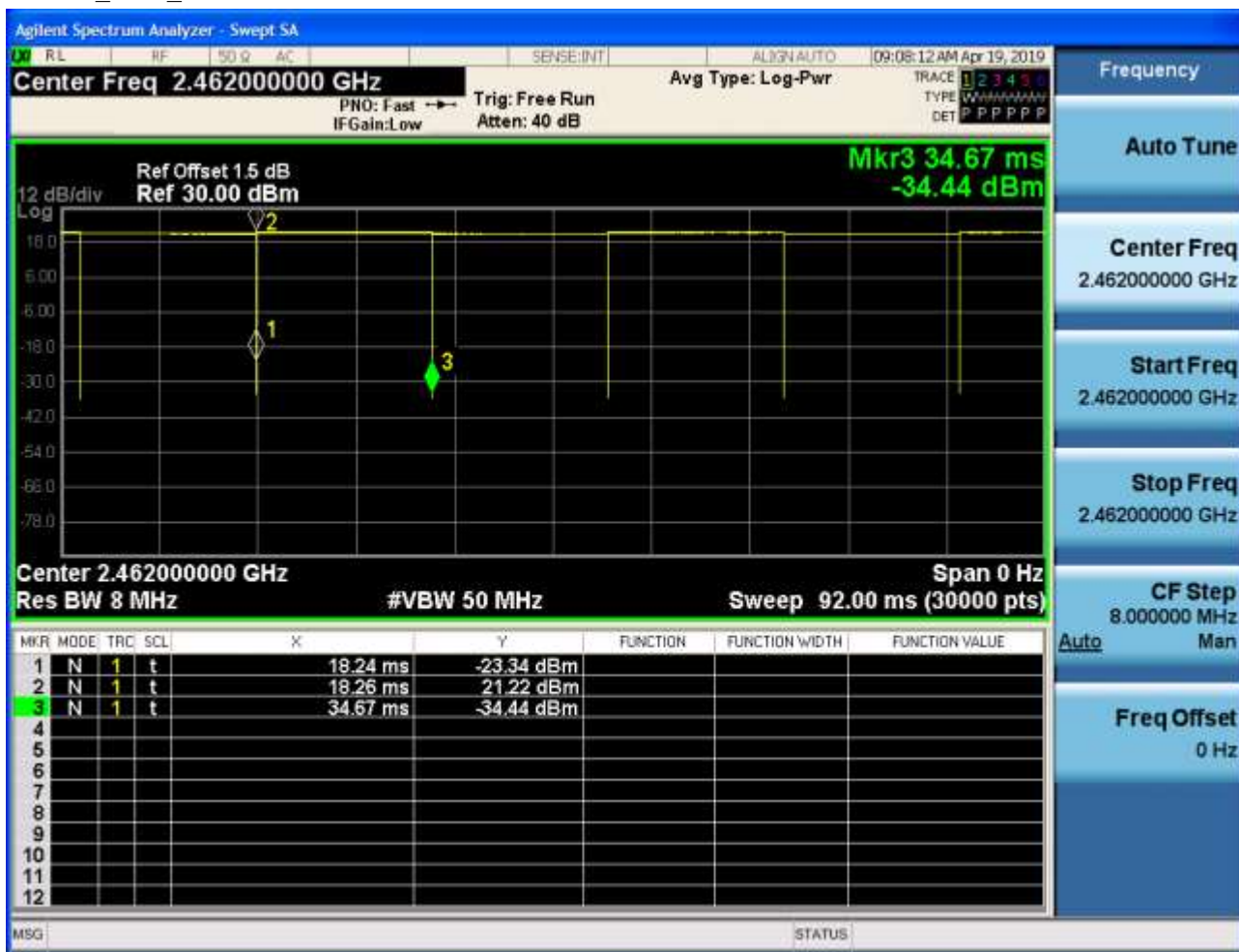


1.7 11B_Ant1_2462



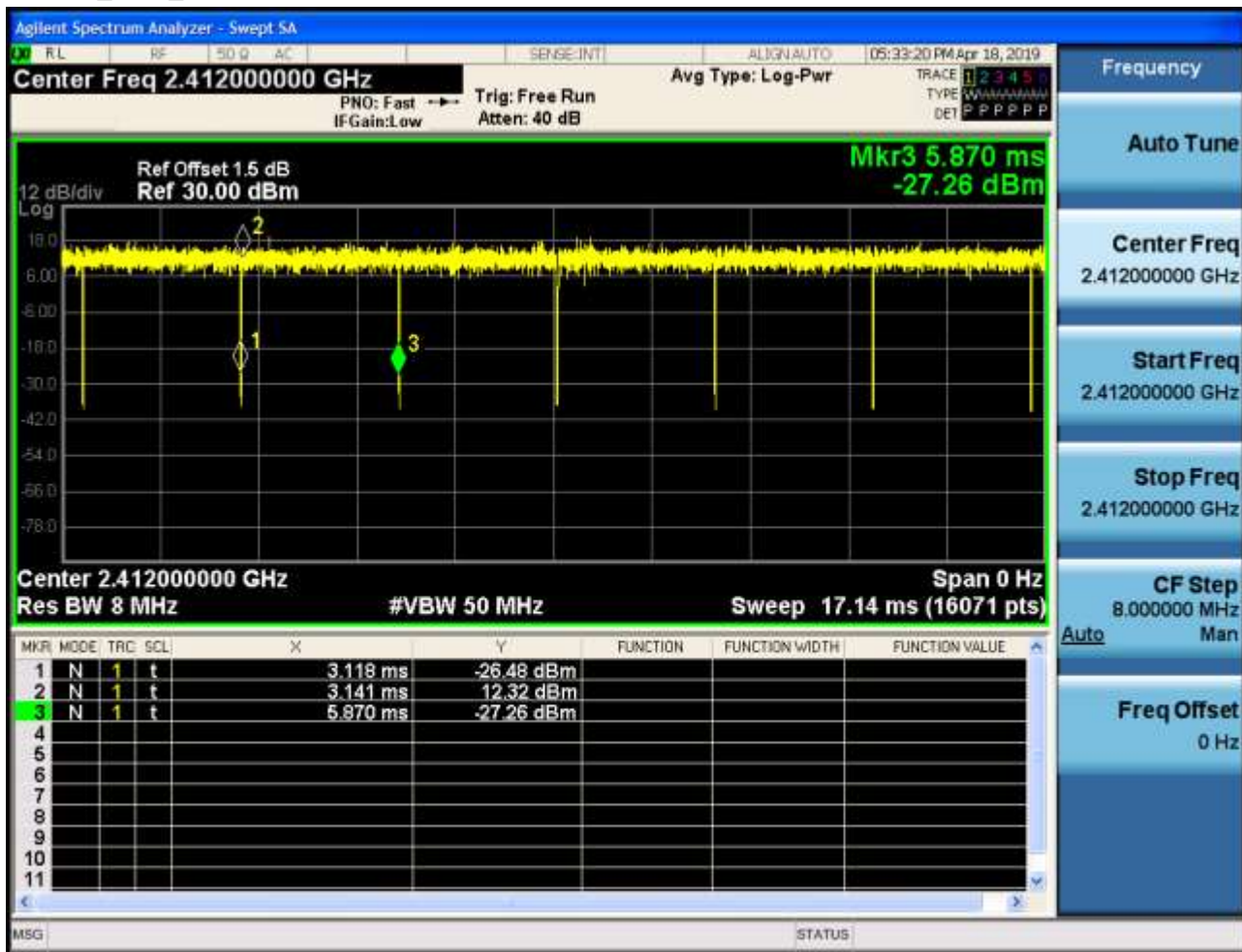


1.8 11B_Ant2_2462



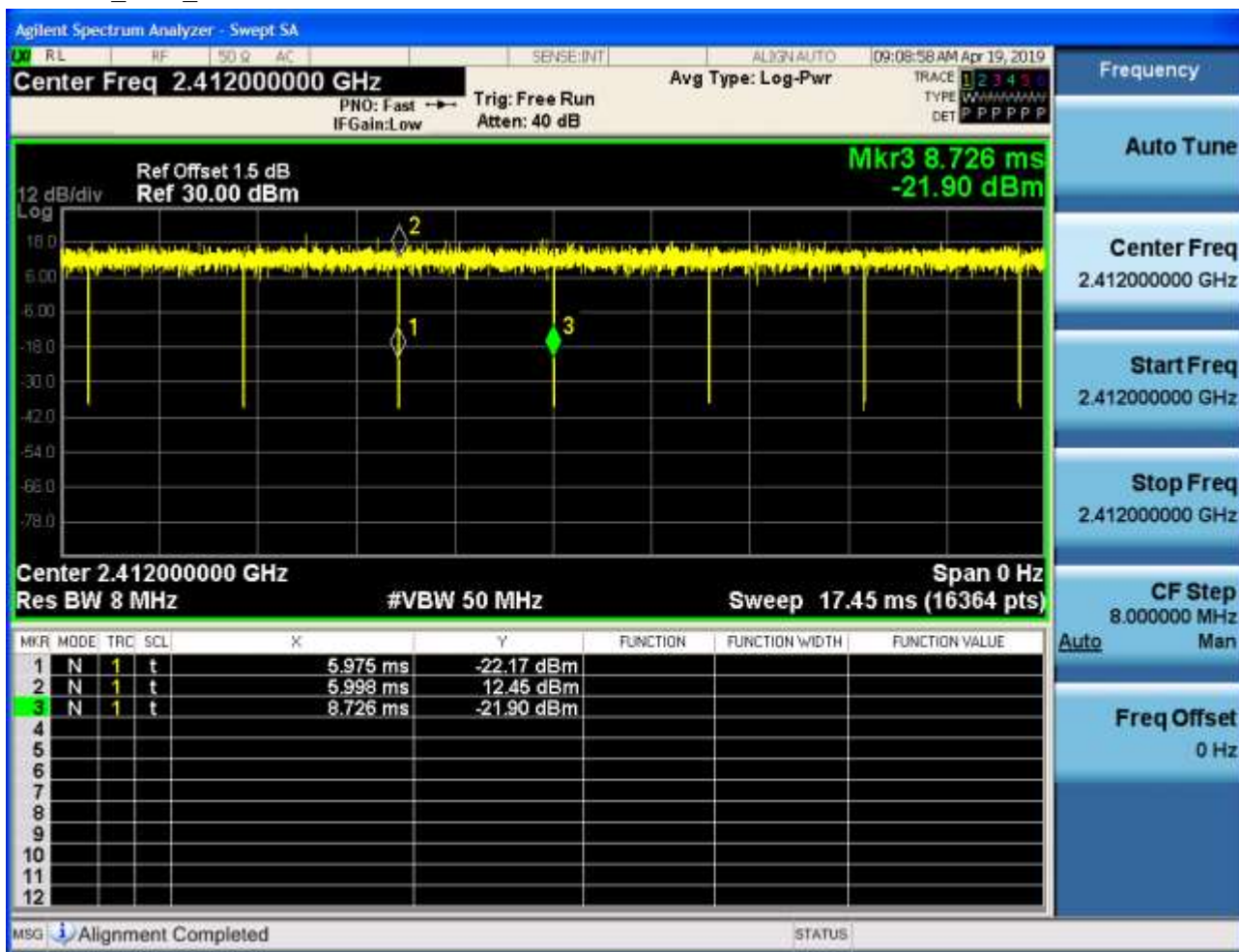


1.9 11G_Ant1_2412



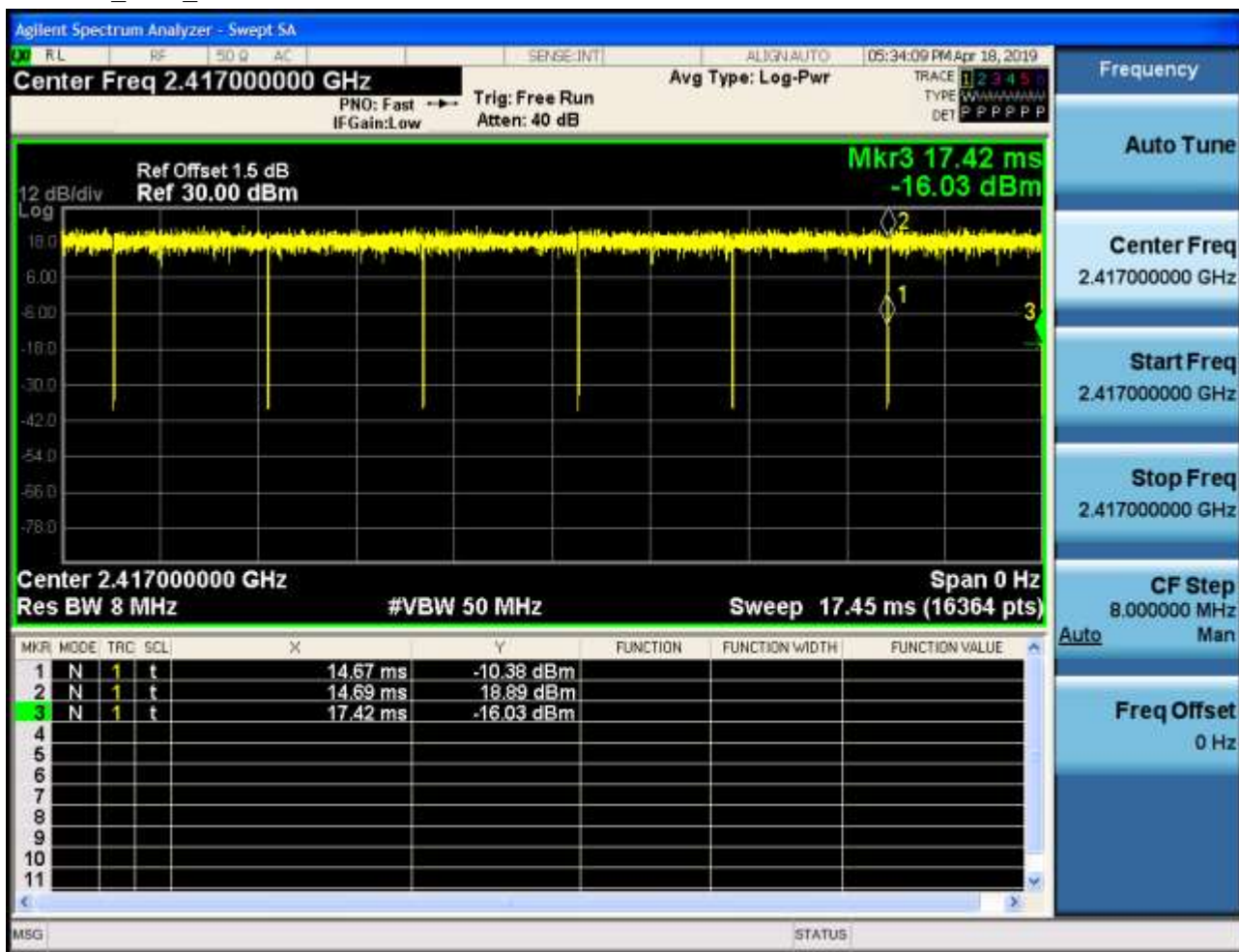


1.10 11G_Ant2_2412



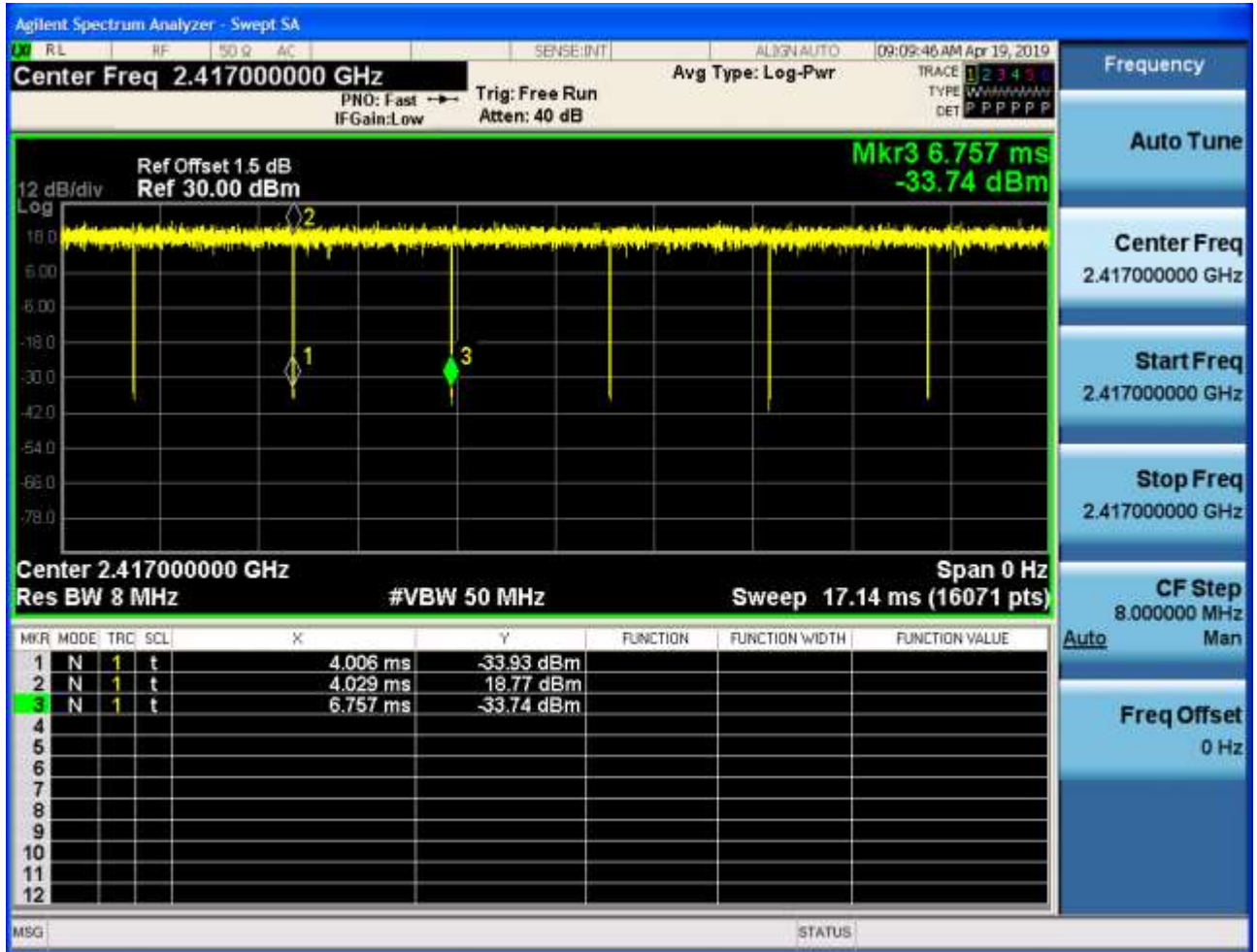


1.11 11G_Ant1_2417



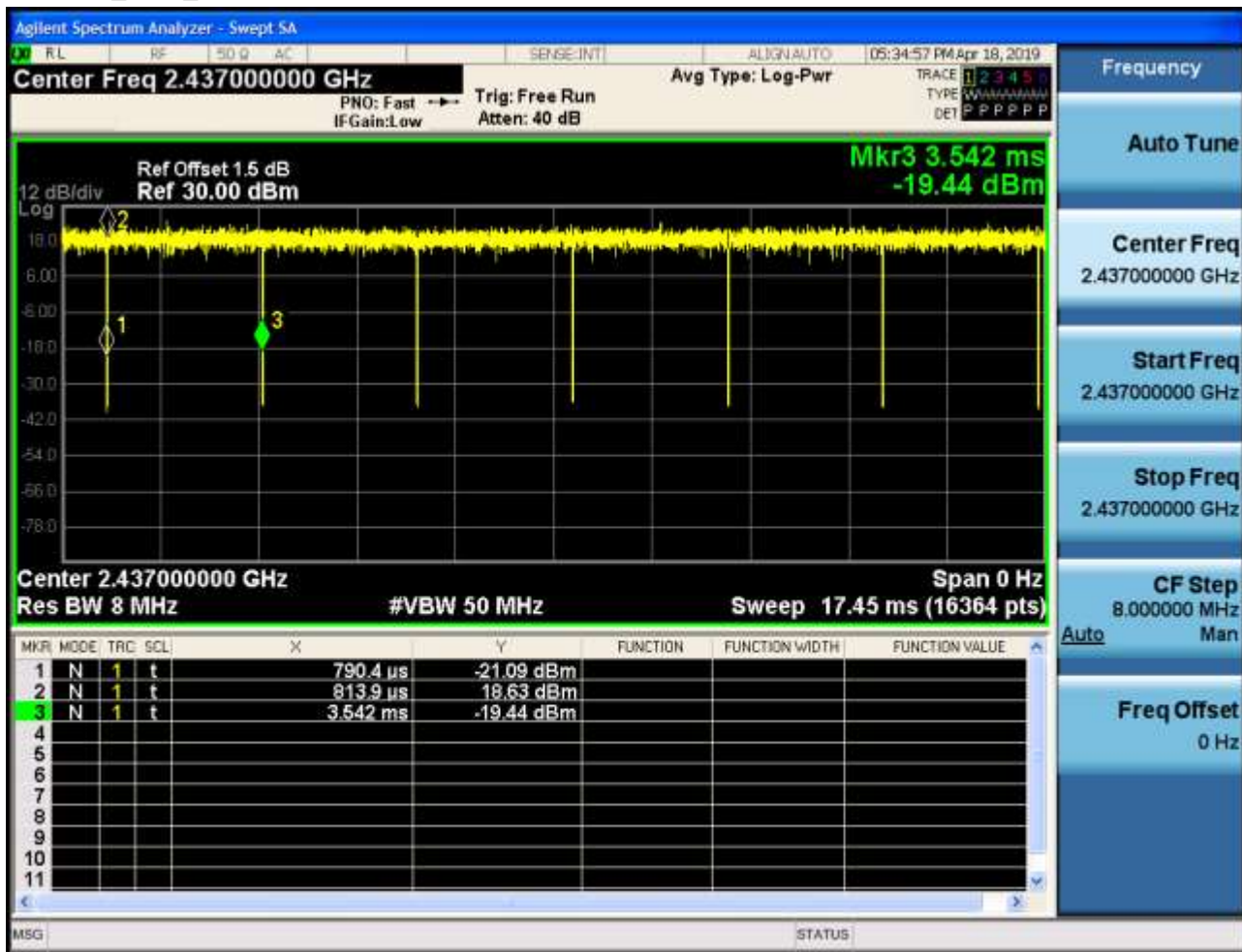


1.12 11G_Ant2_2417



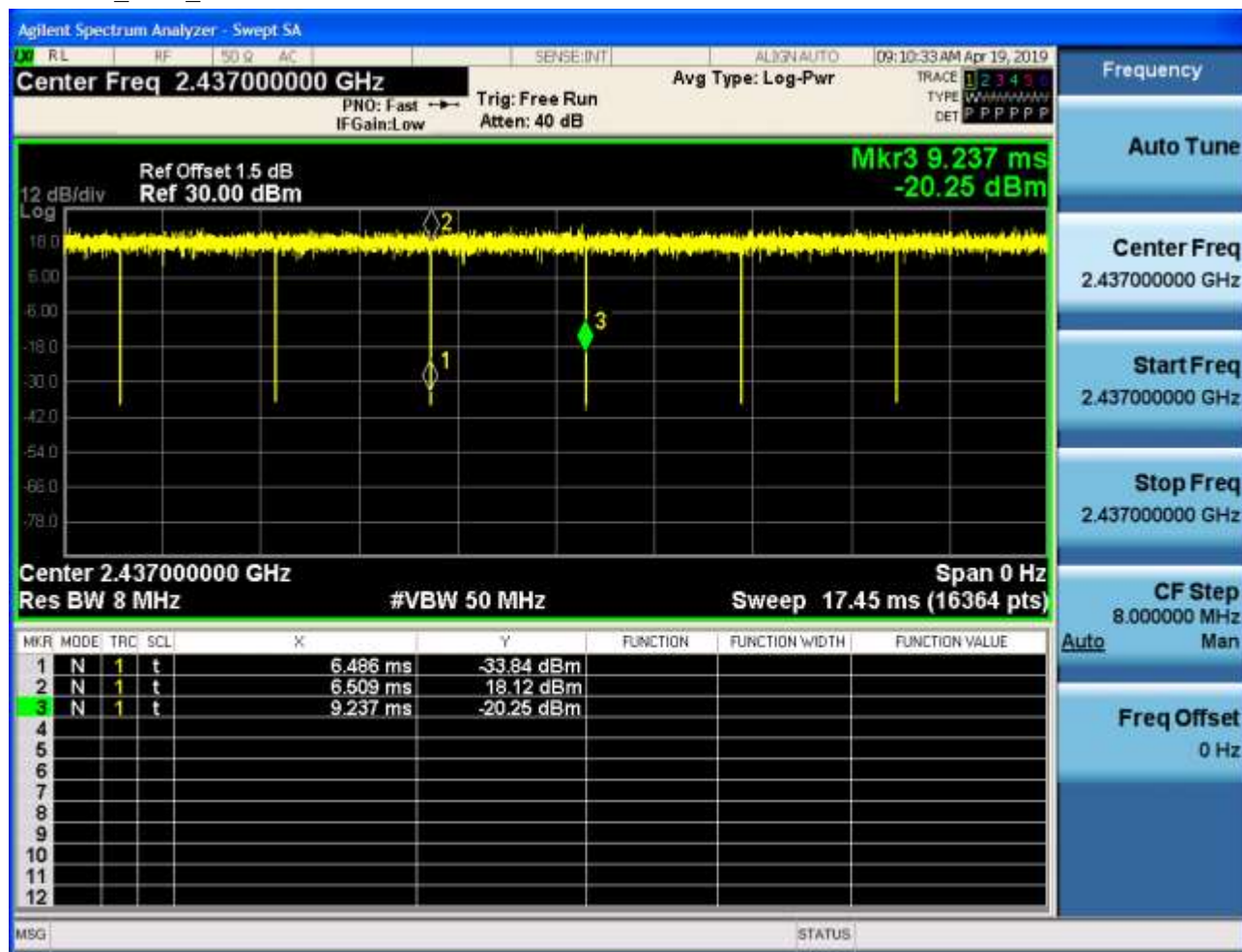


1.13 11G_Ant1_2437



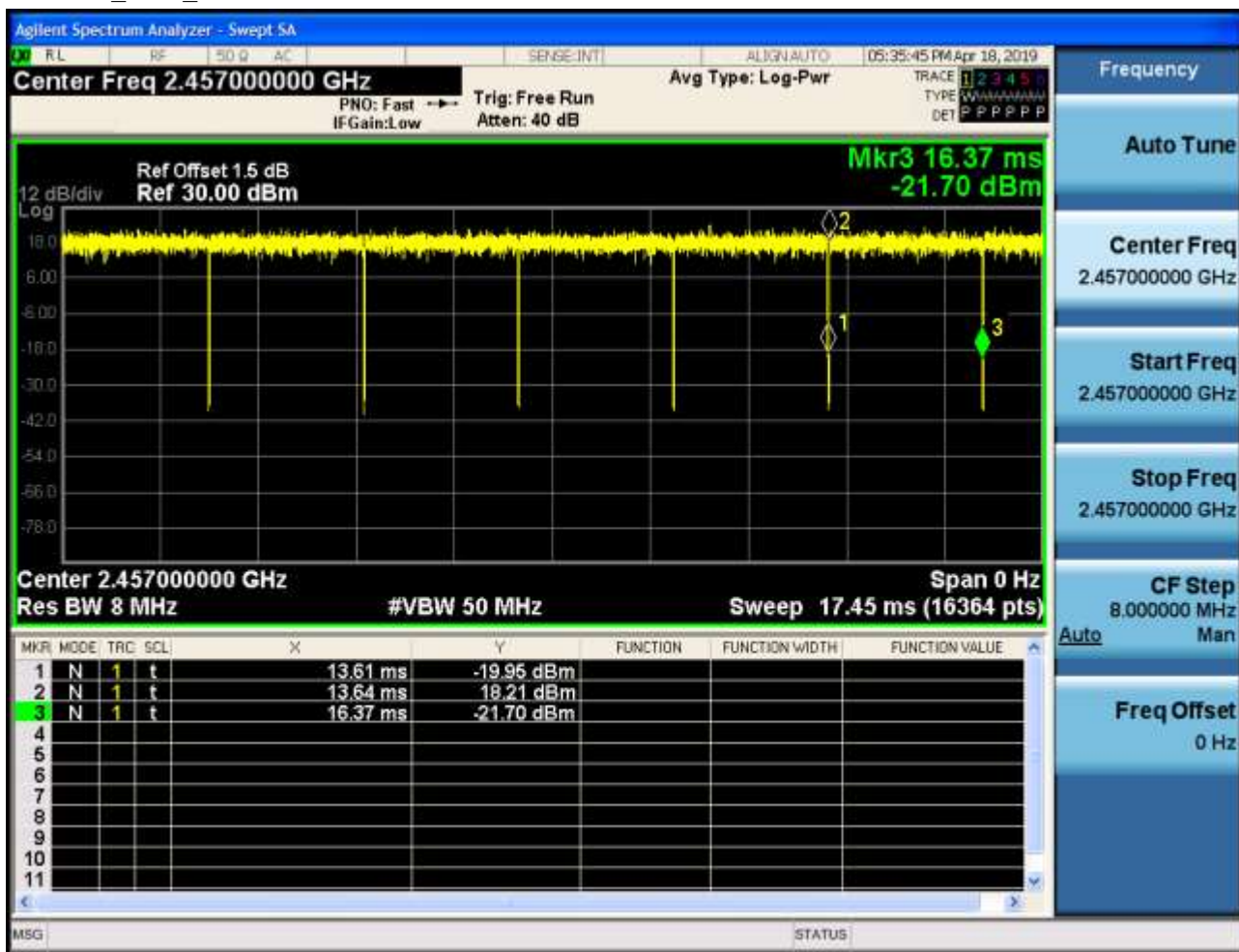


1.14 11G_Ant2_2437



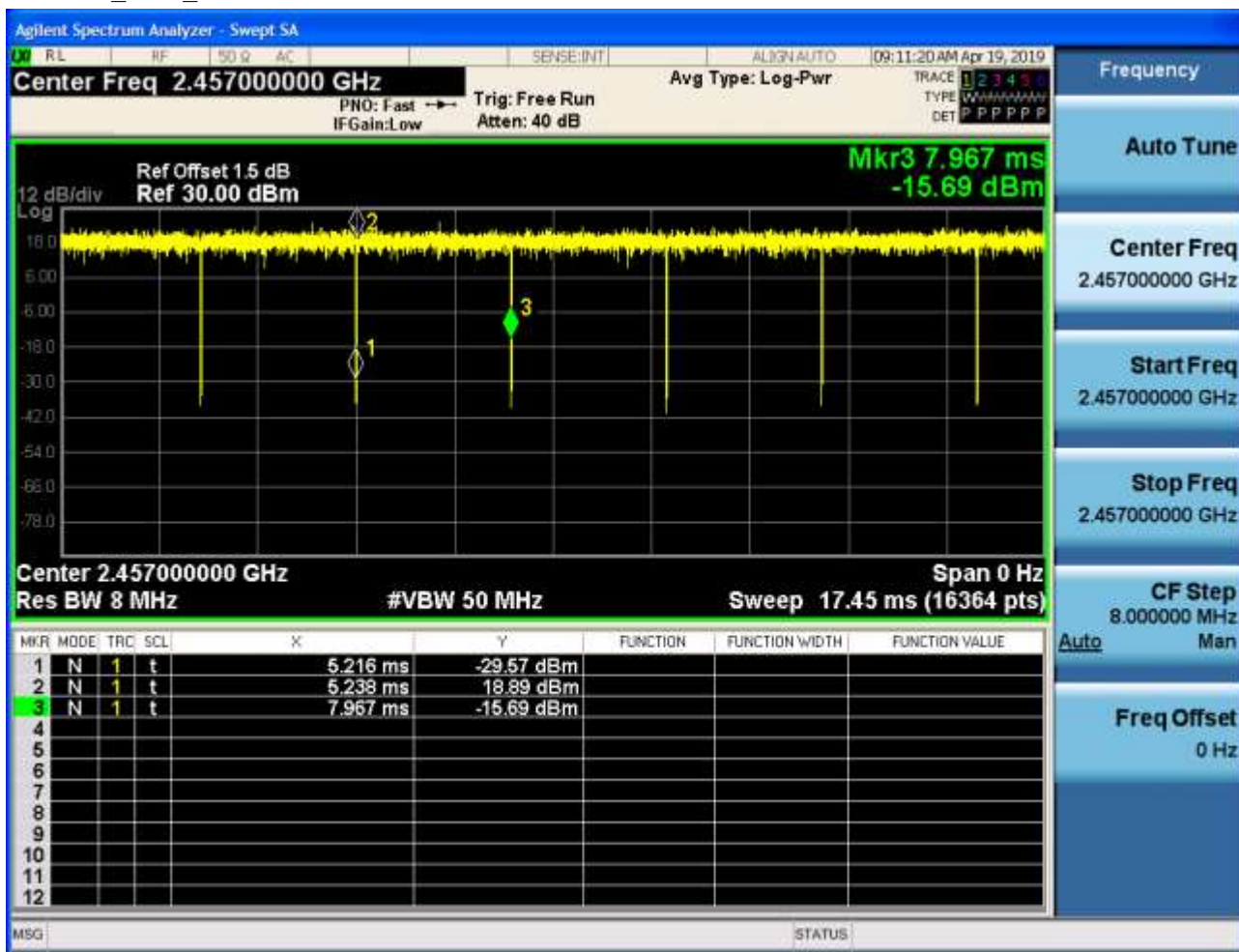


1.15 11G_Ant1_2457



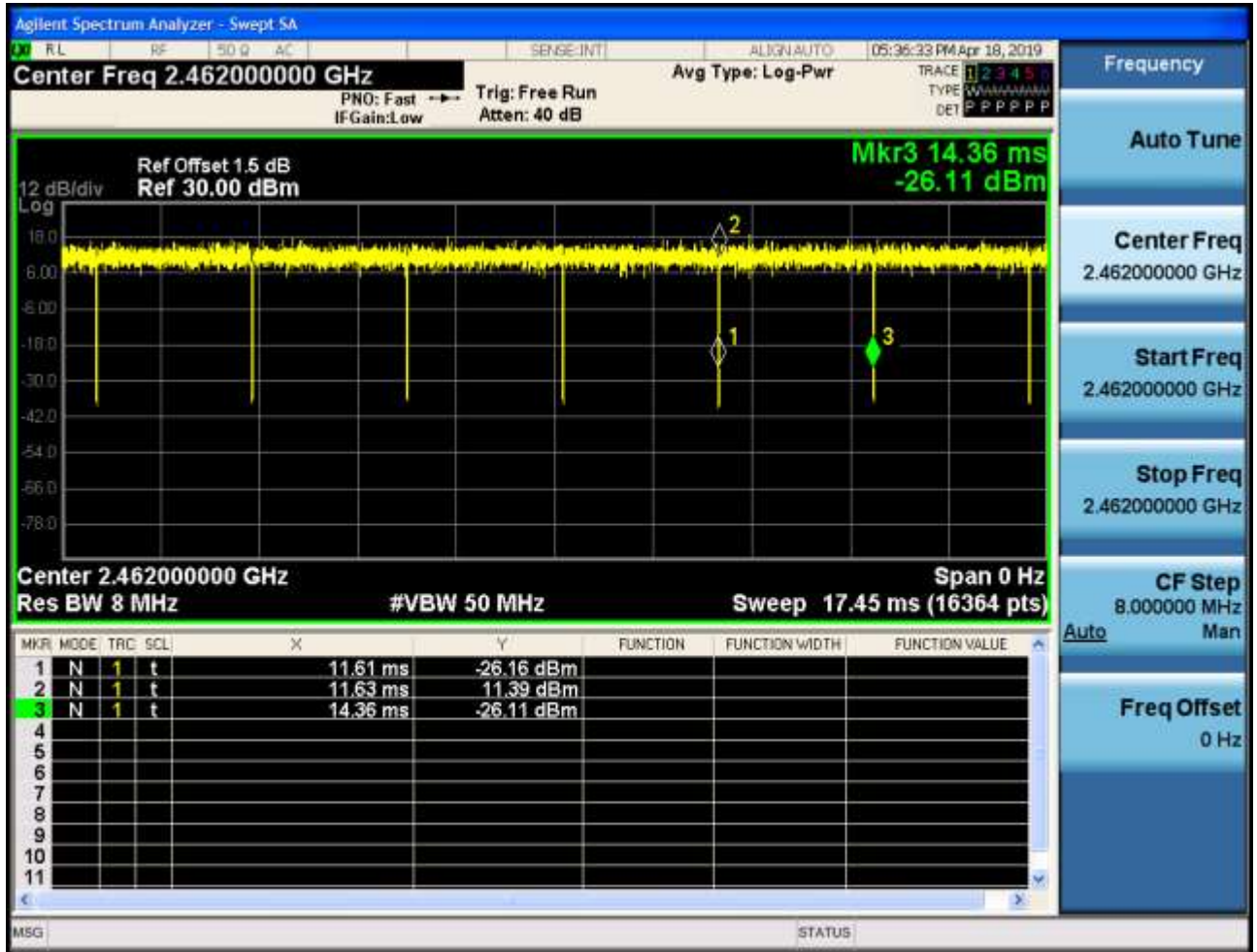


1.16 11G_Ant2_2457



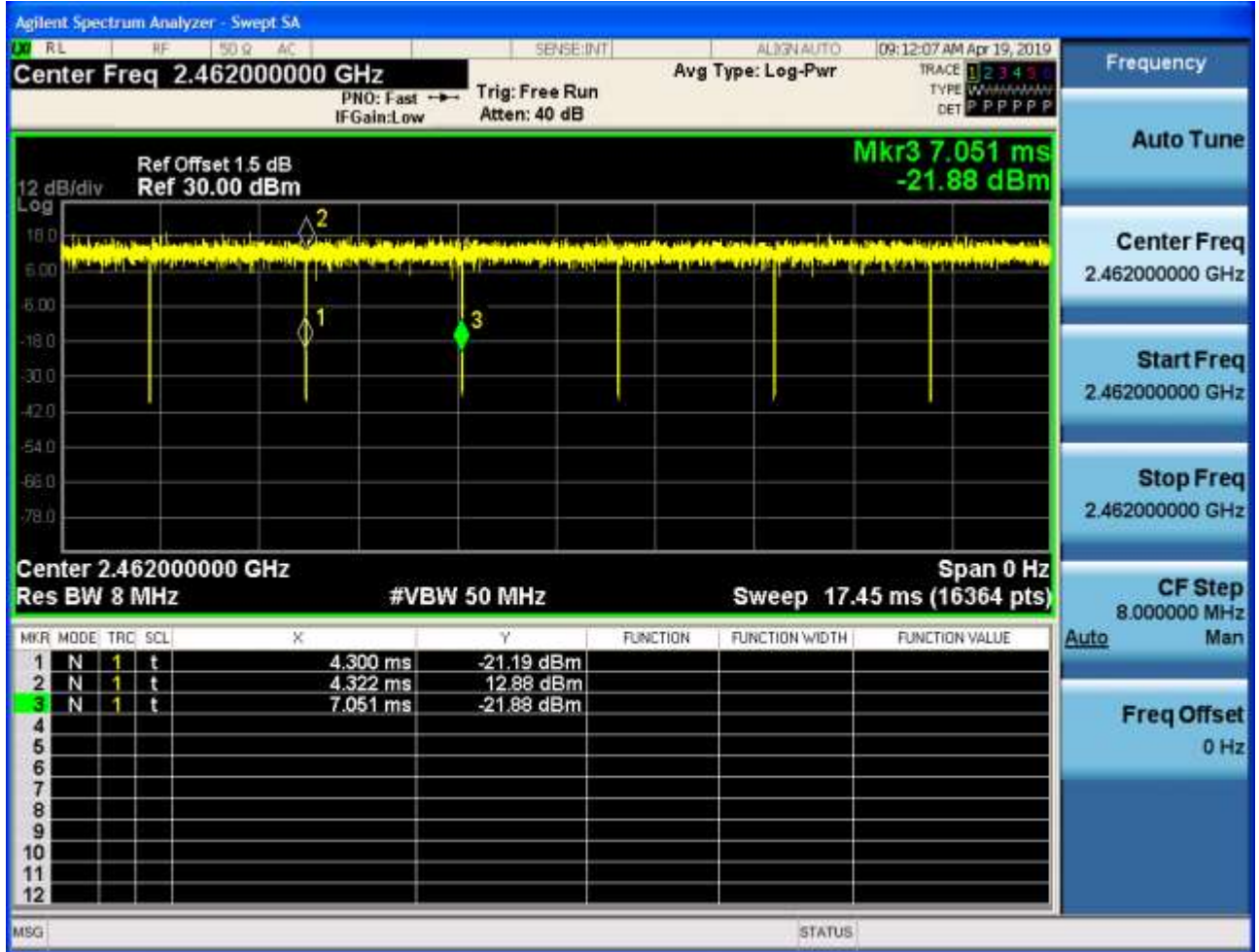


1.17 11G_Ant1_2462



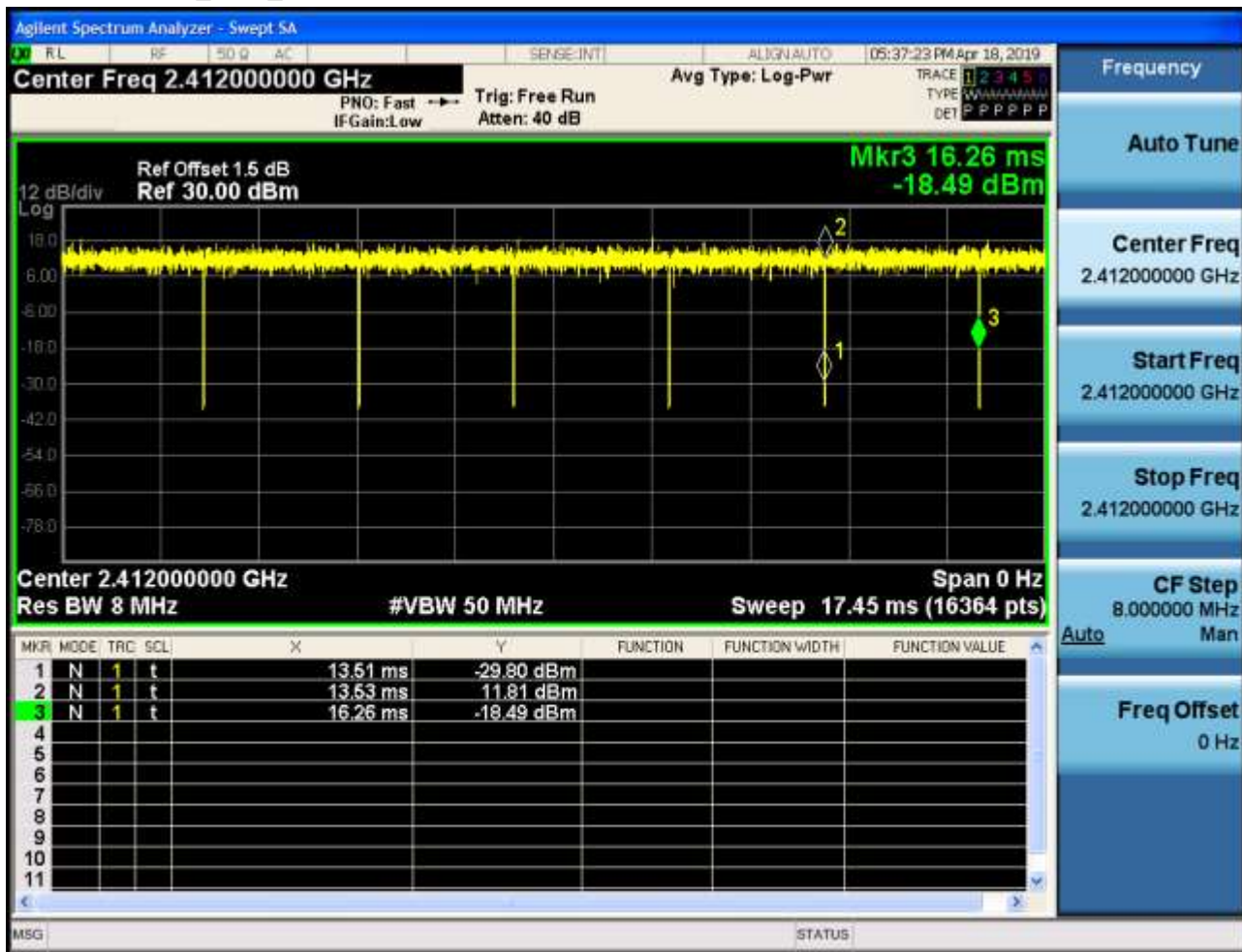


1.18 11G_Ant2_2462



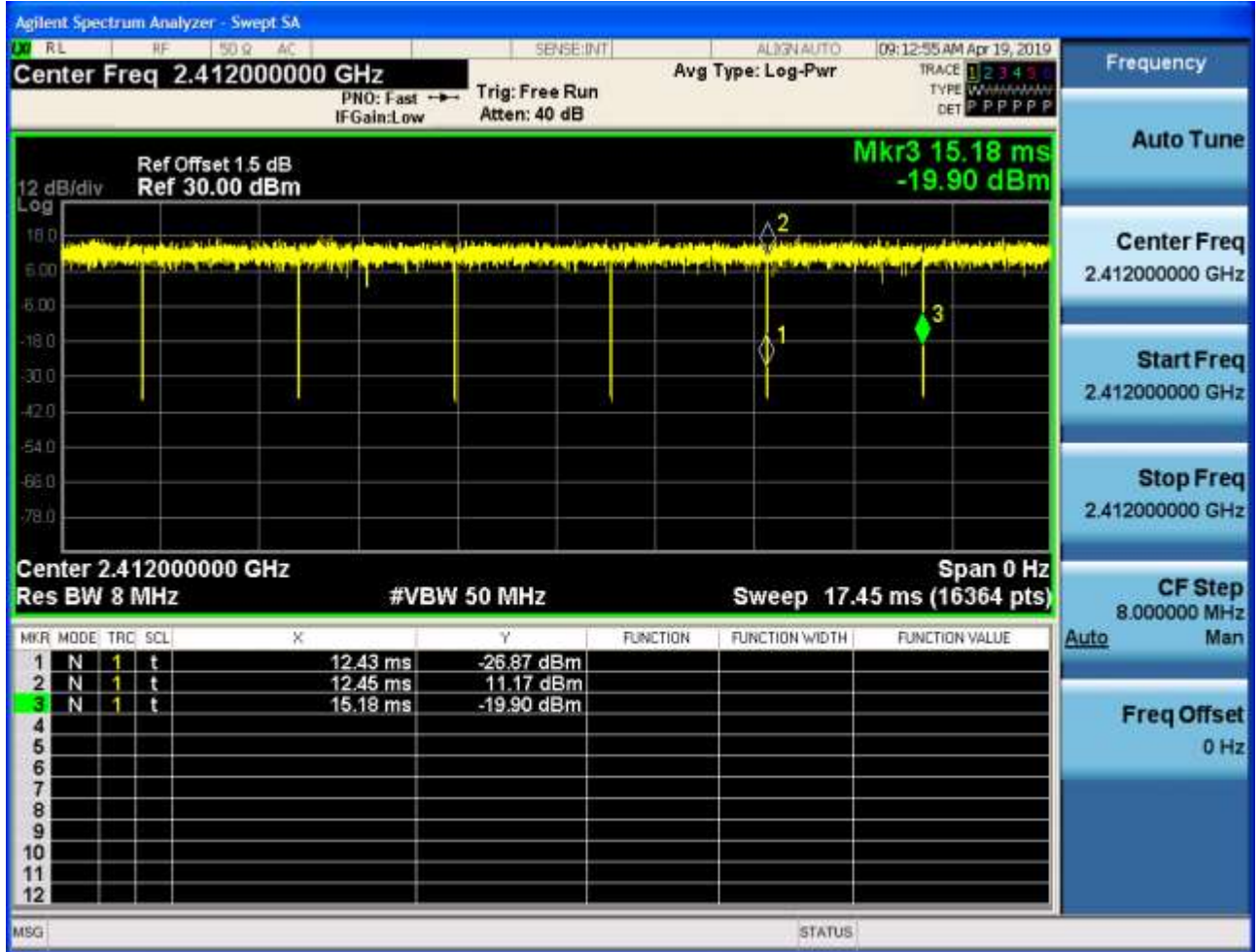


1.19 11G20CDD_Ant1_2412



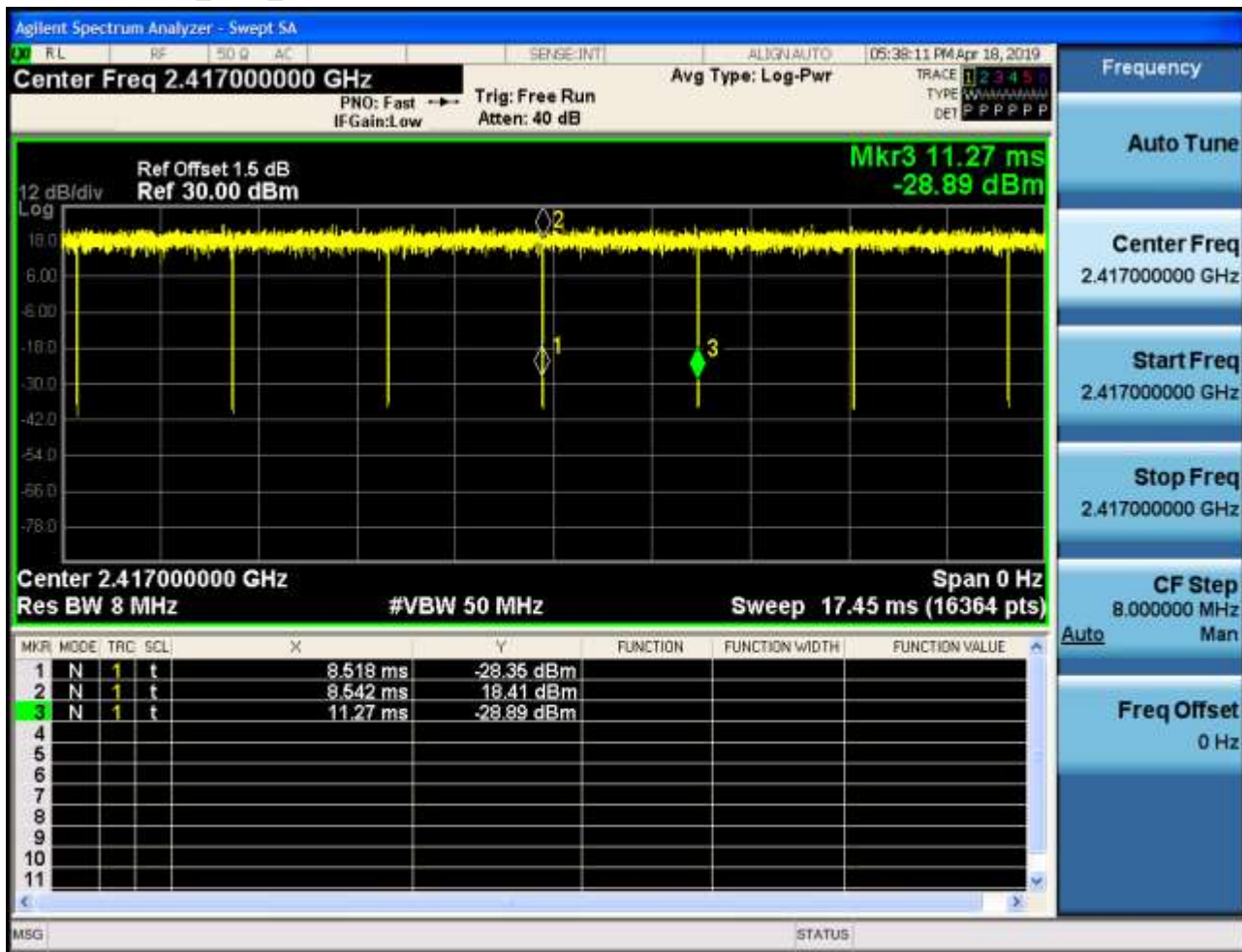


1.20 11G20CDD_Ant2_2412



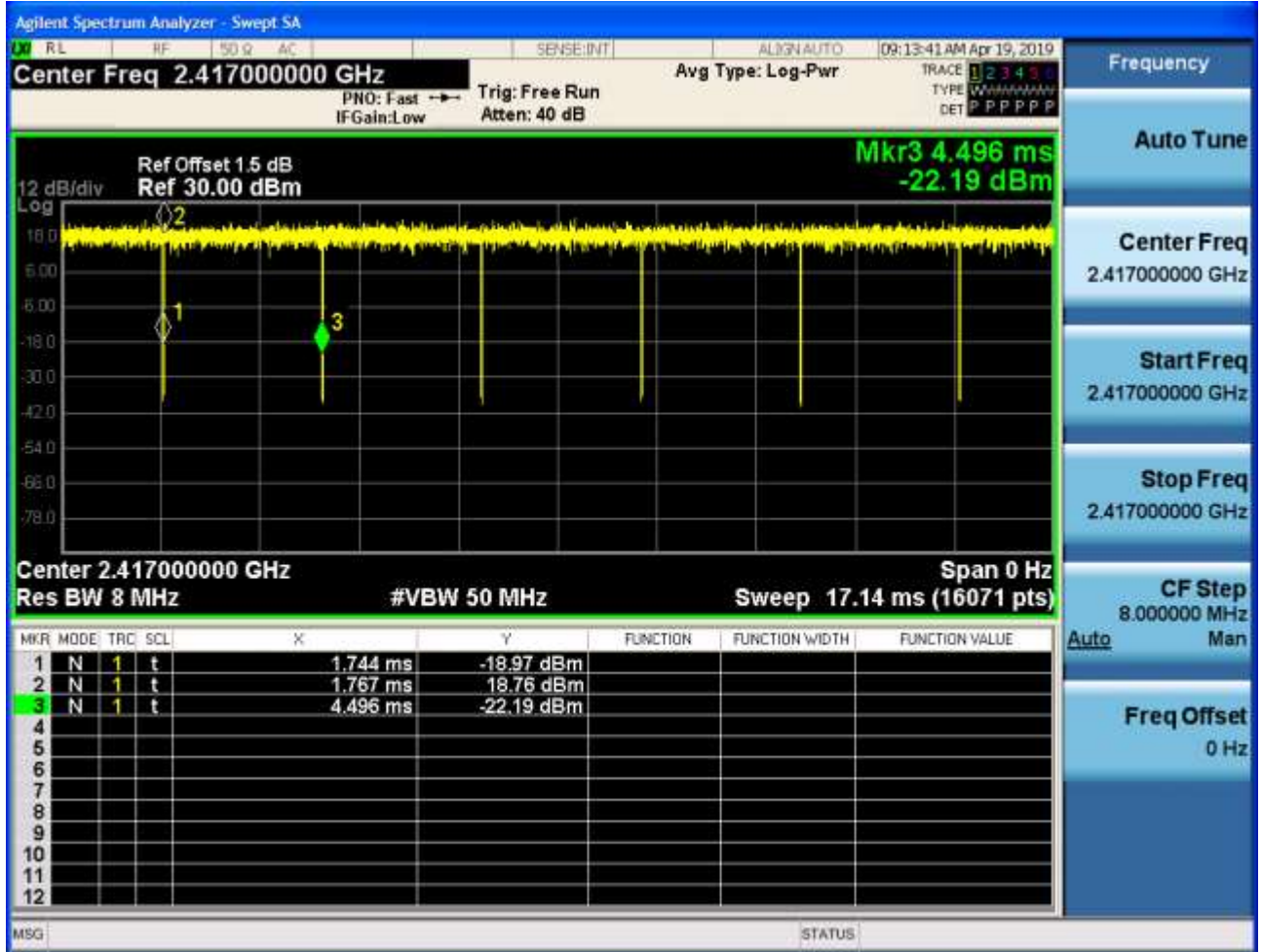


1.21 11G20CDD_Ant1_2417



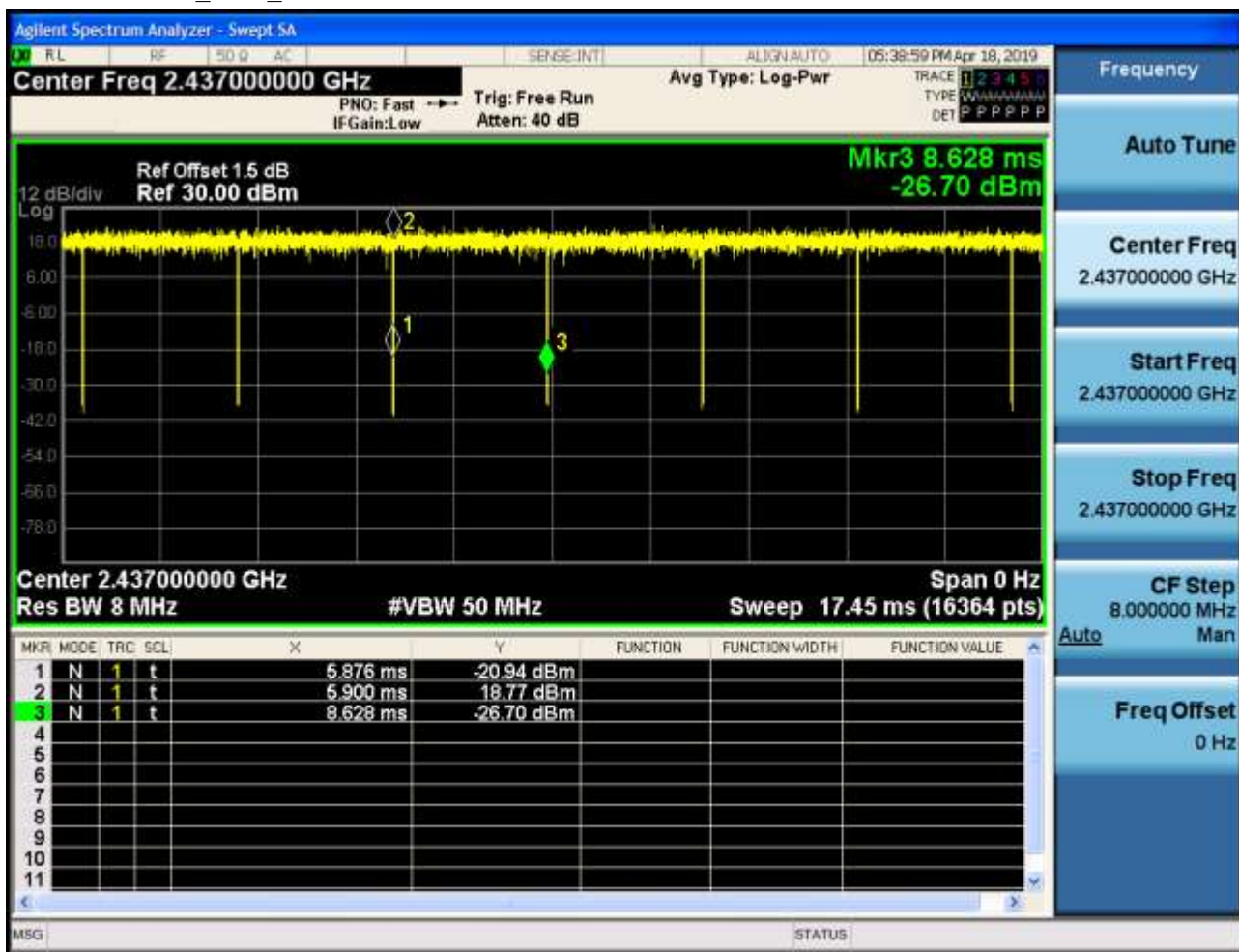


1.22 11G20CDD_Ant2_2417



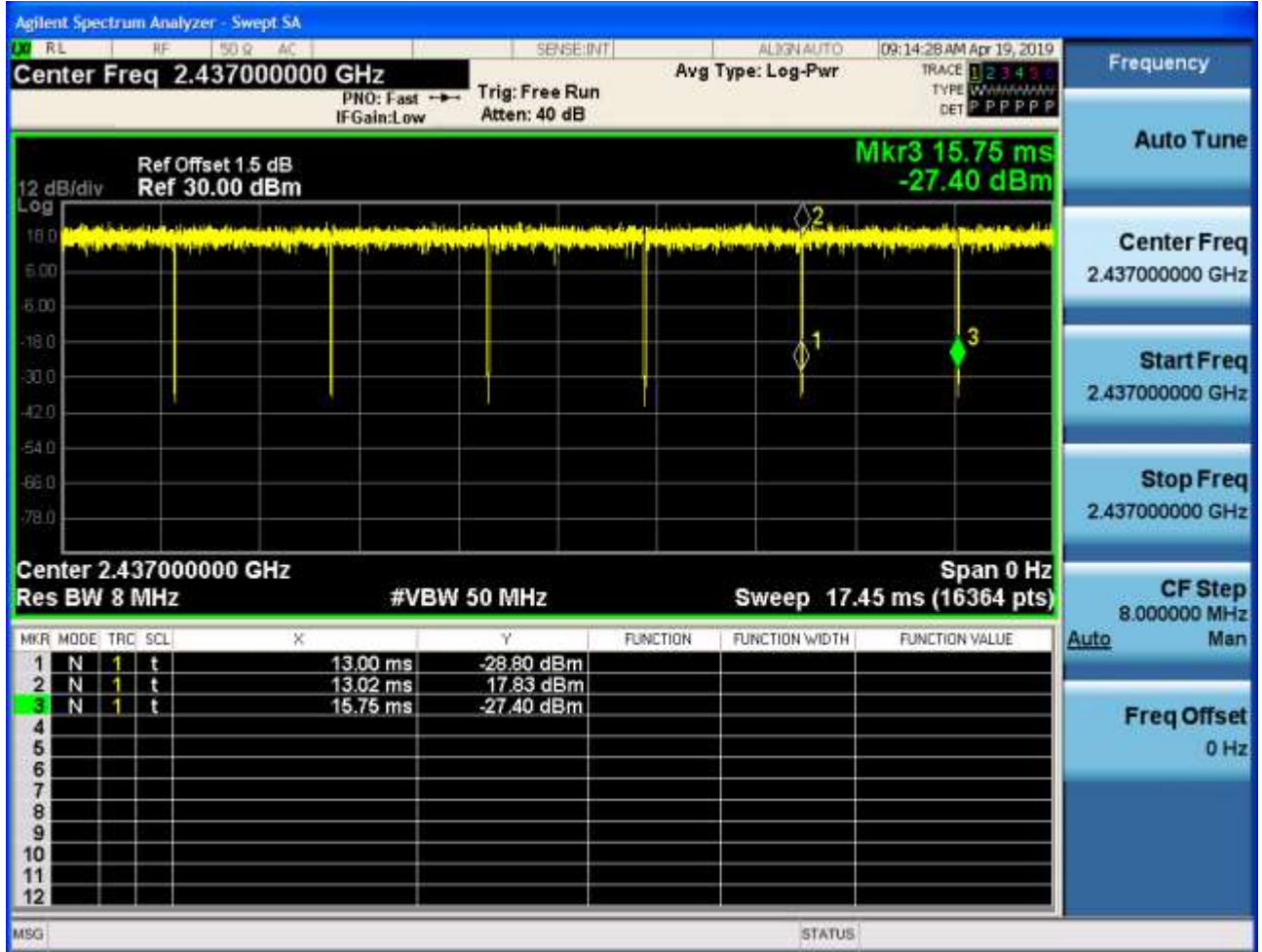


1.23 11G20CDD_Ant1_2437



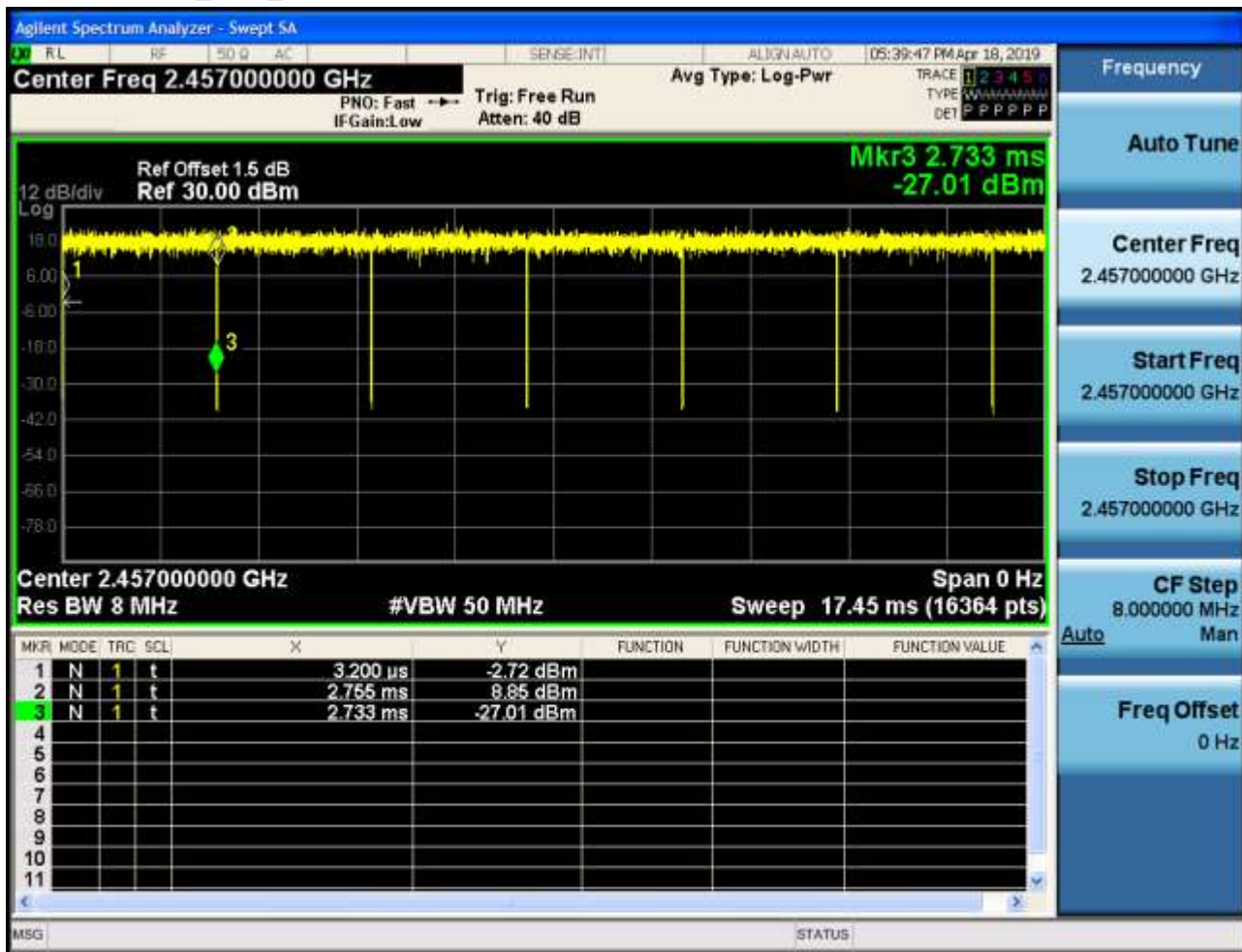


1.24 11G20CDD_Ant2_2437



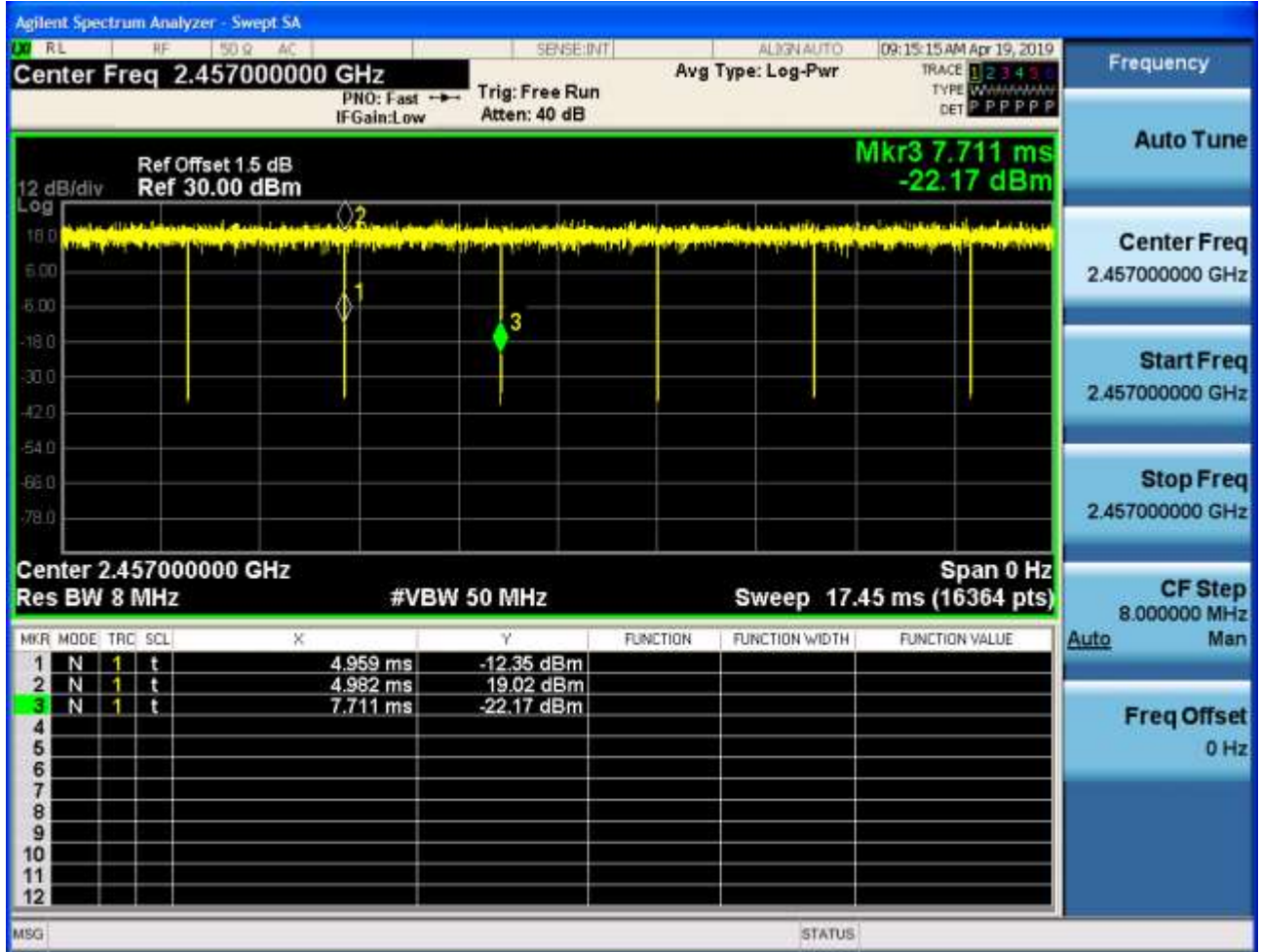


1.25 11G20CDD_Ant1_2457



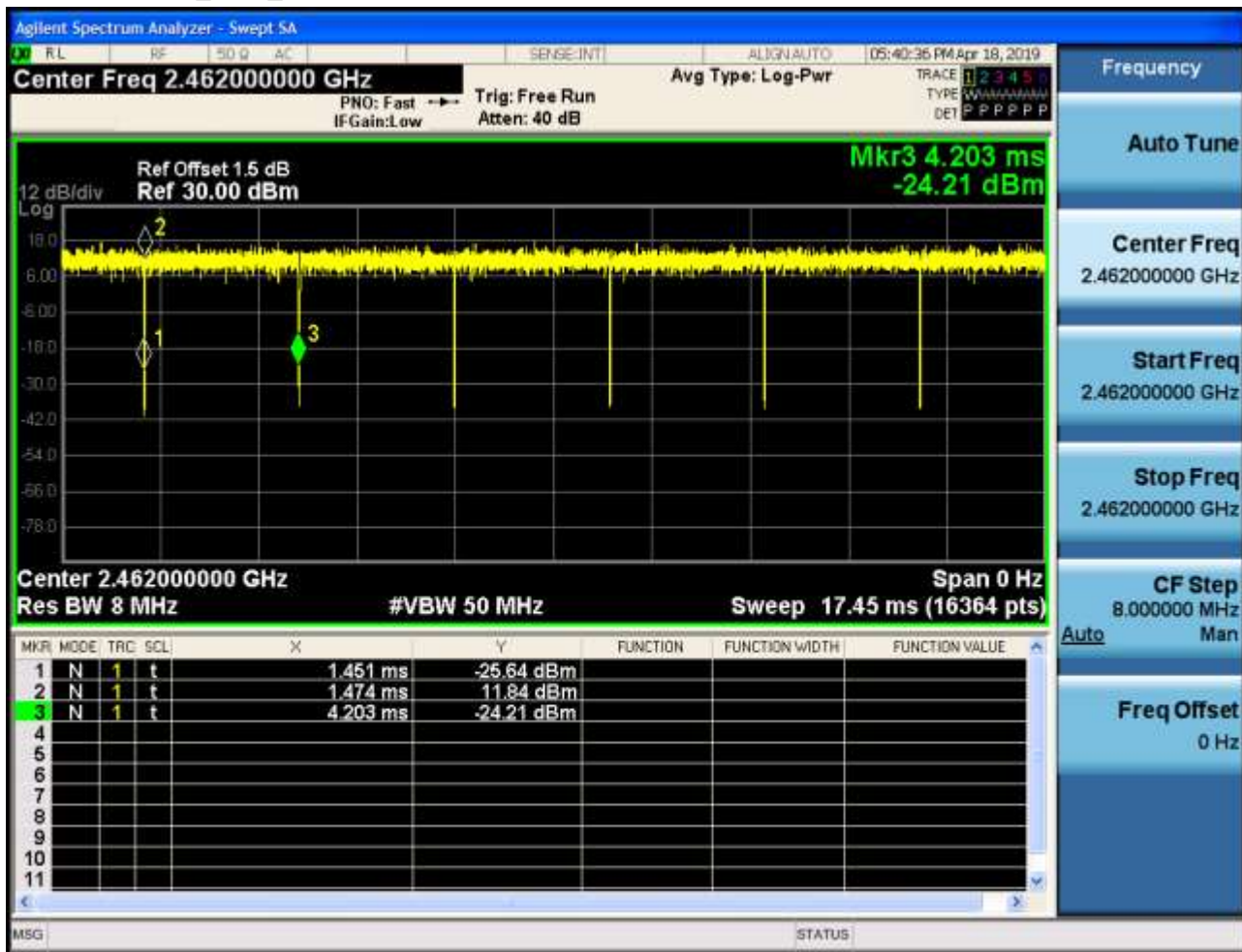


1.26 11G20CDD_Ant2_2457



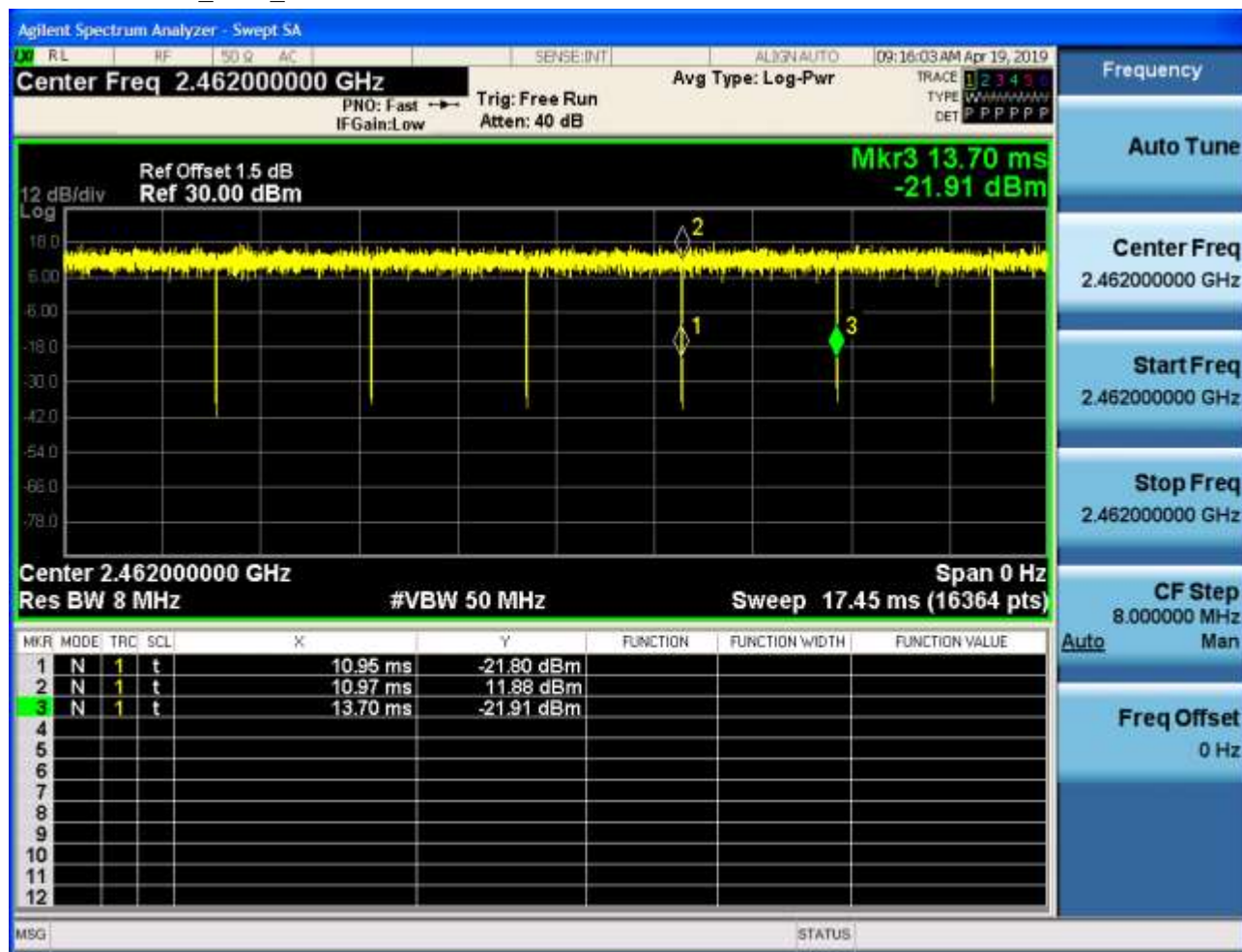


1.27 11G20CDD_Ant1_2462



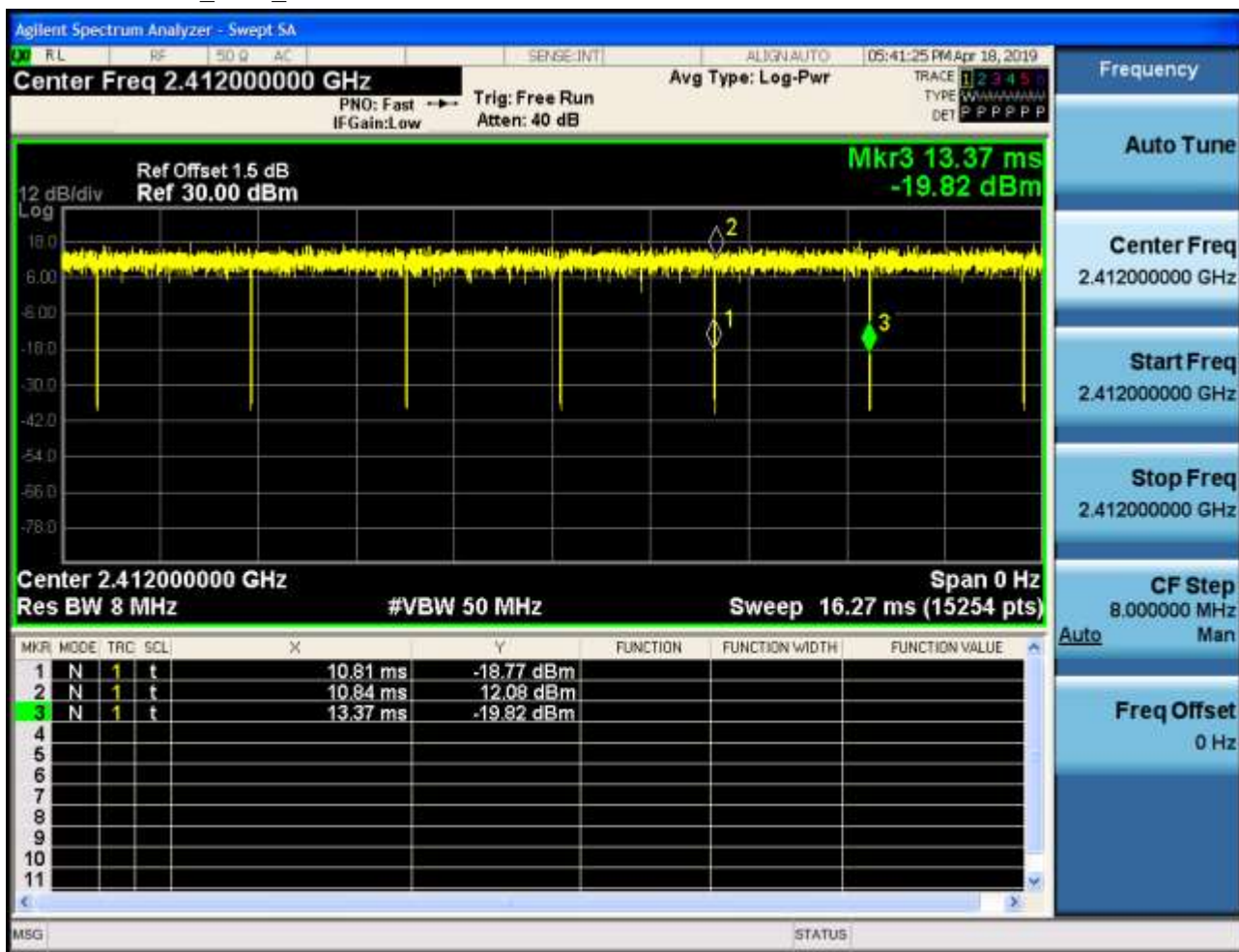


1.28 11G20CDD_Ant2_2462



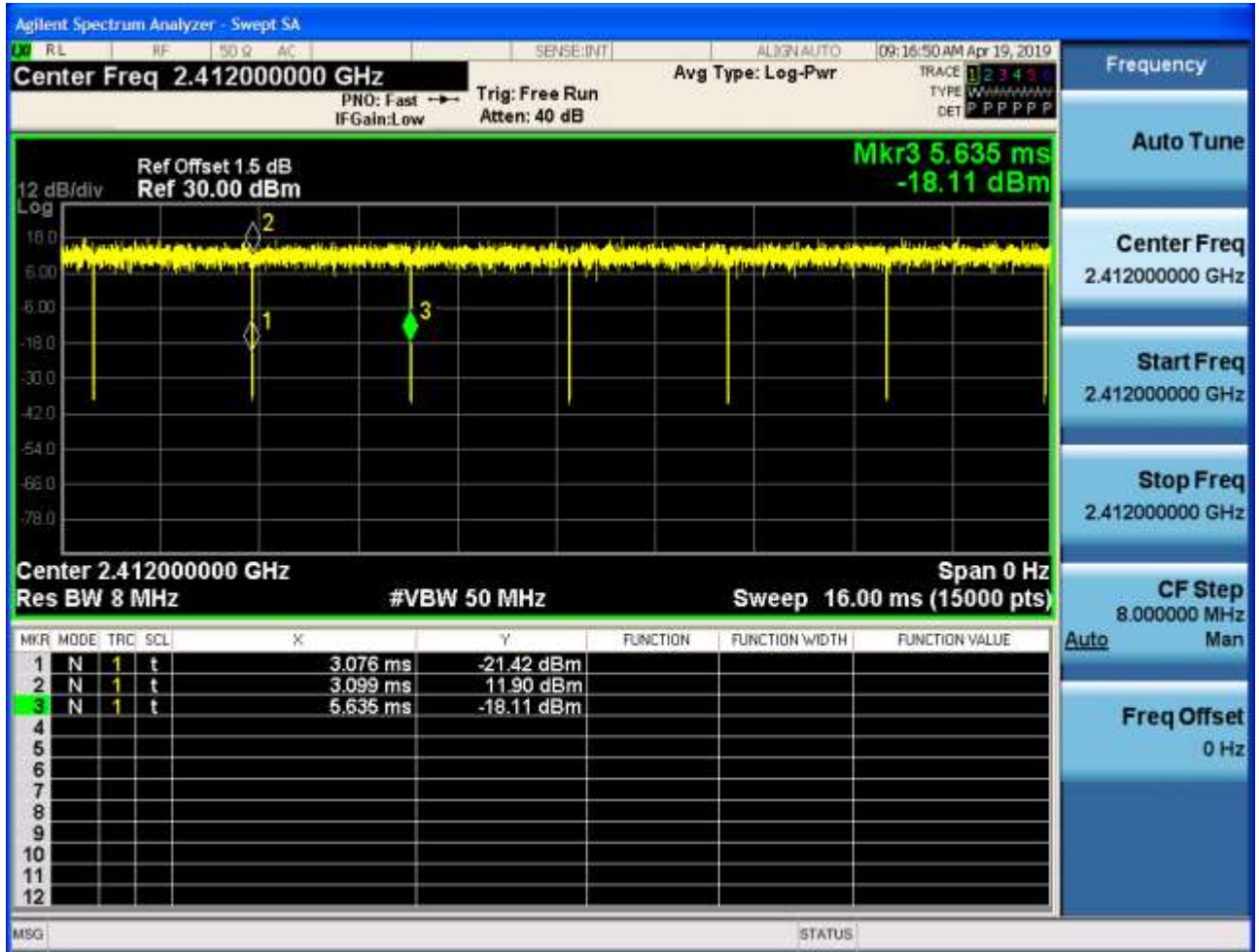


1.29 11N20SISO_Ant1_2412



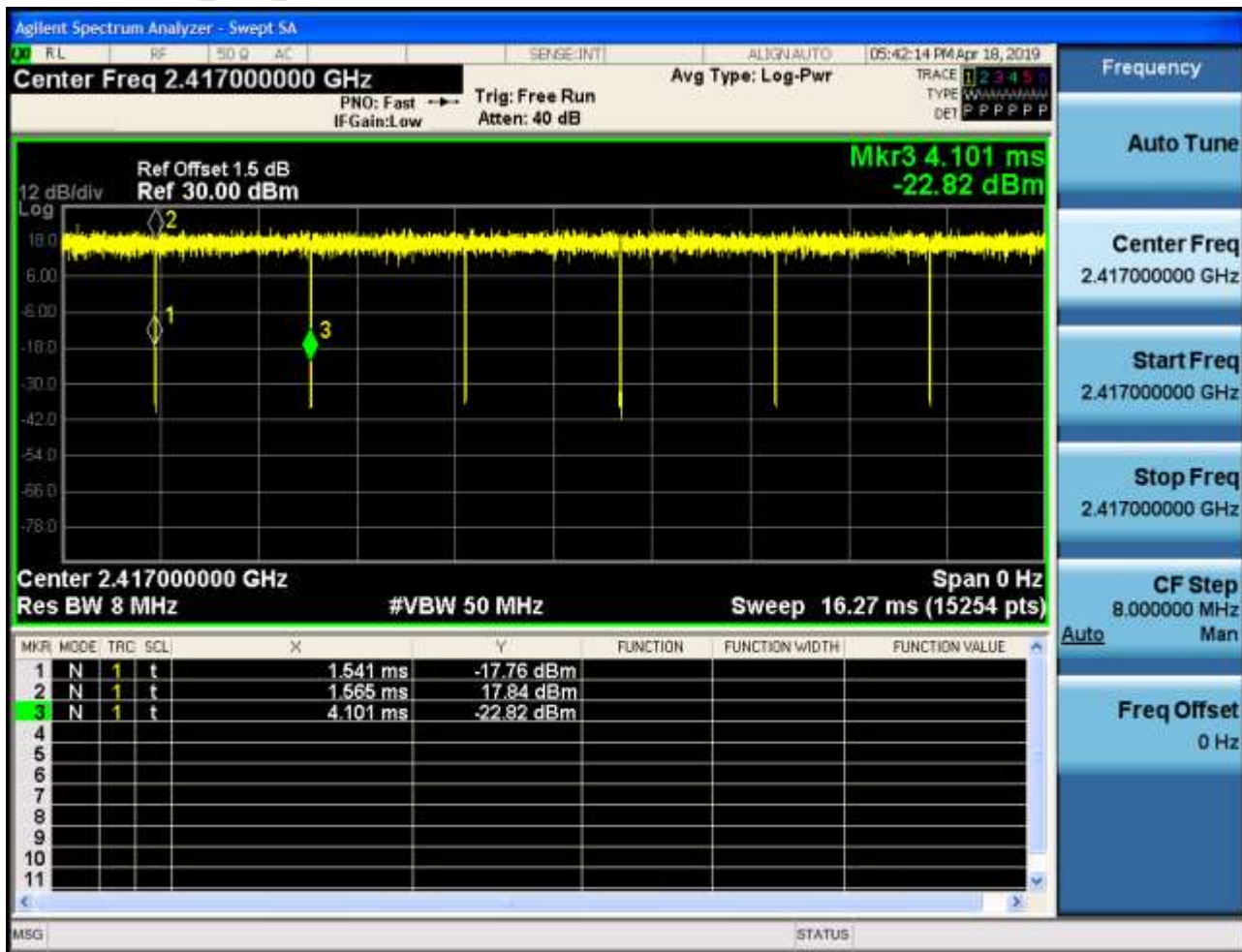


1.30 11N20SISO_Ant2_2412



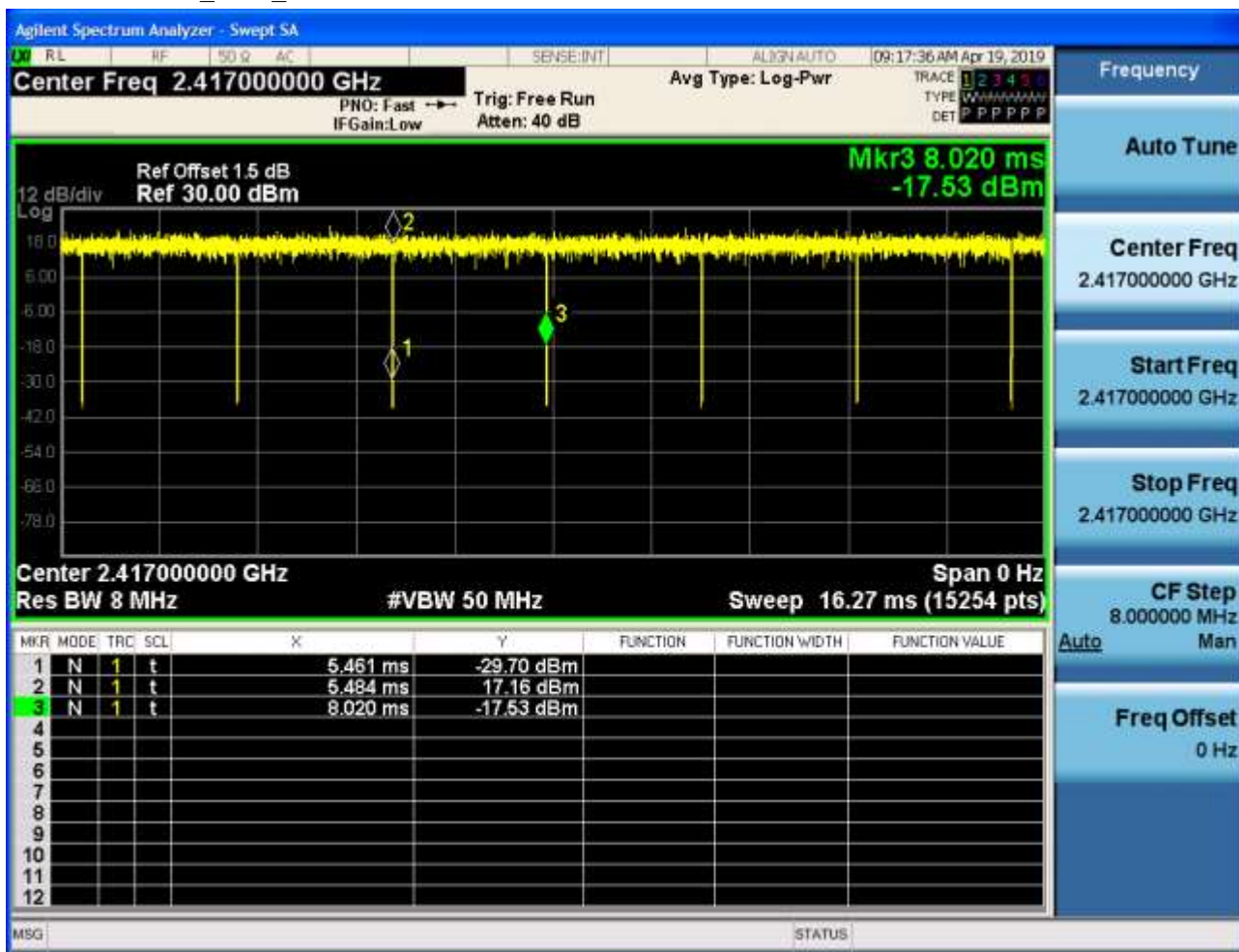


1.31 11N20SISO_Ant1_2417



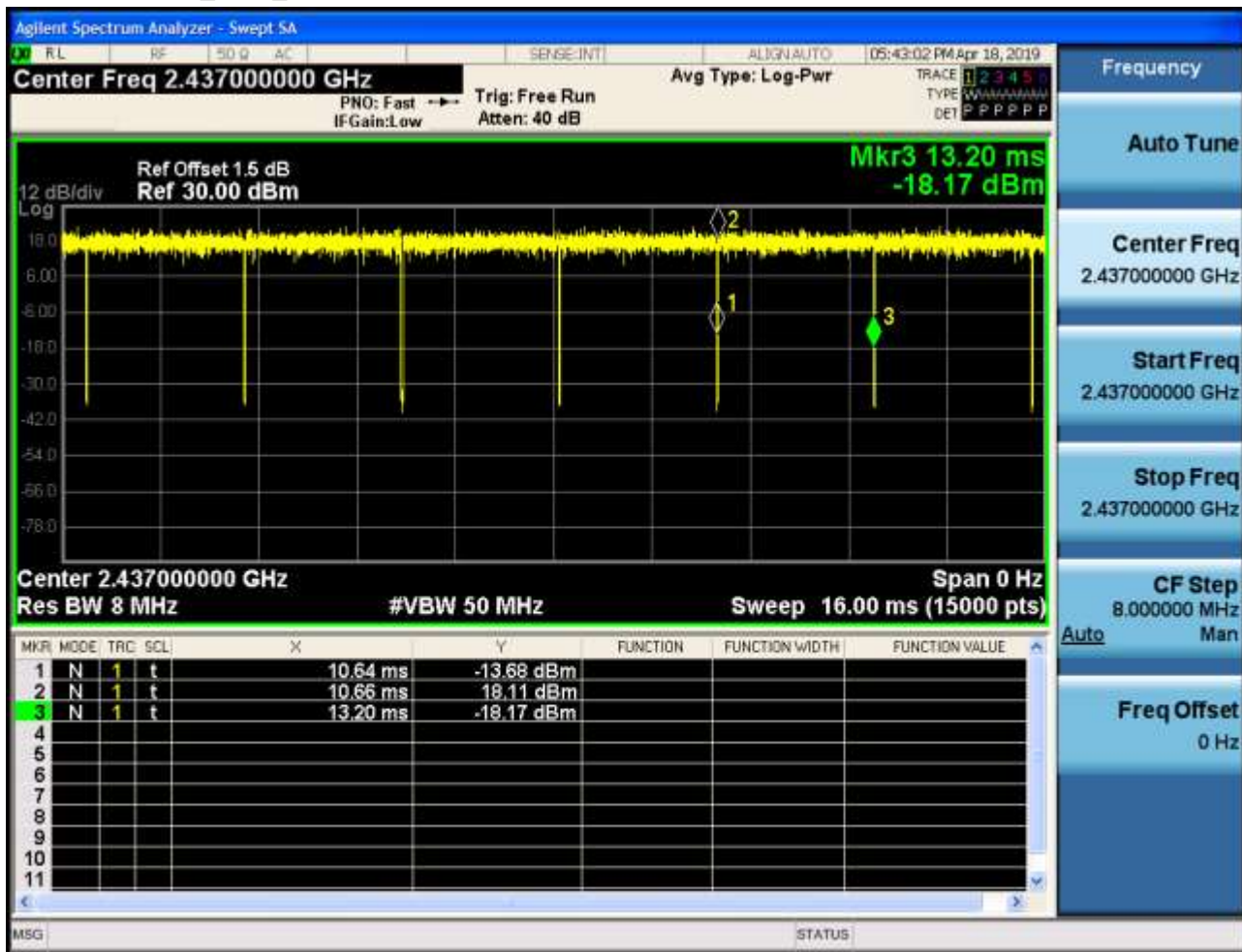


1.32 11N20SISO_Ant2_2417



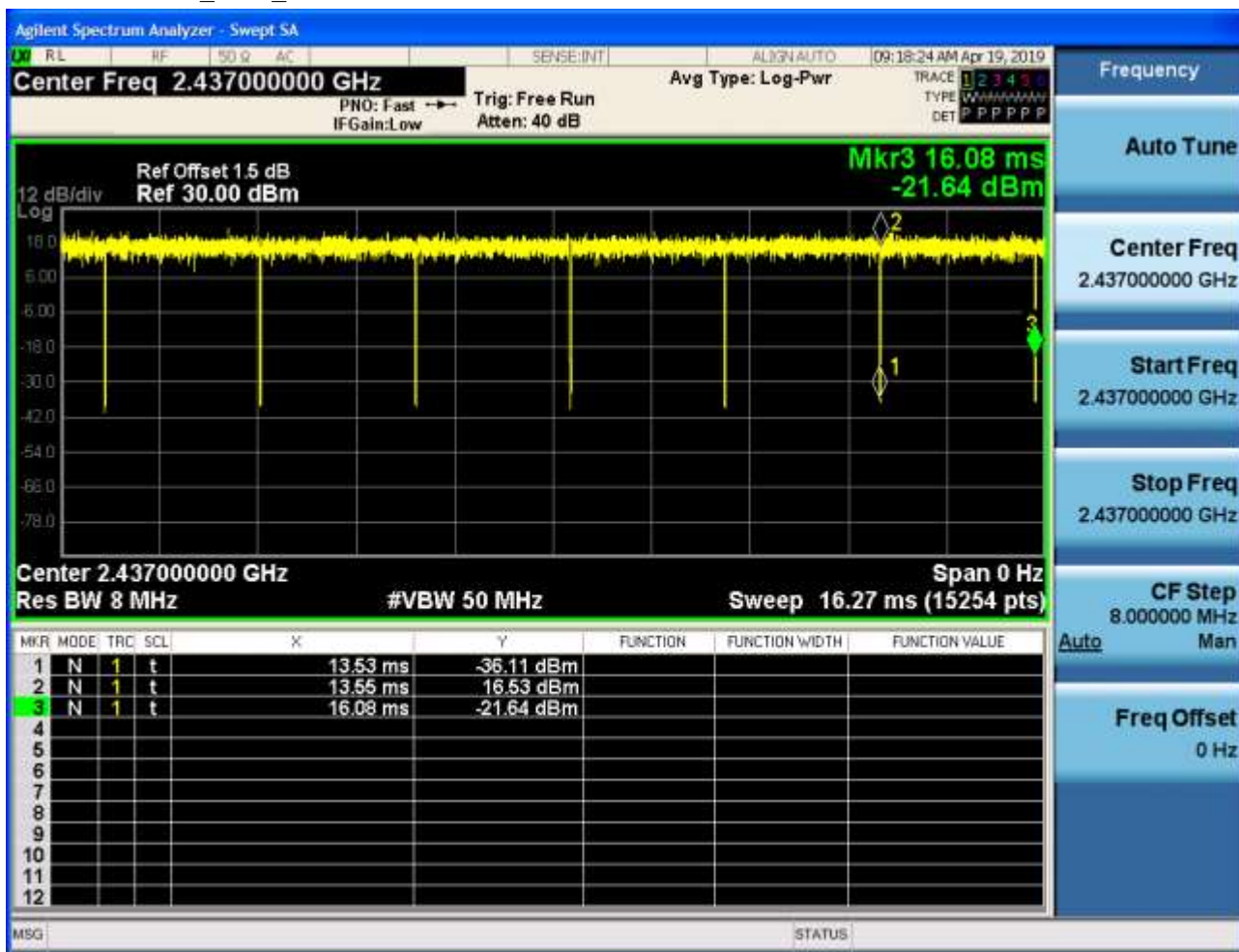


1.33 11N20SISO_Ant1_2437



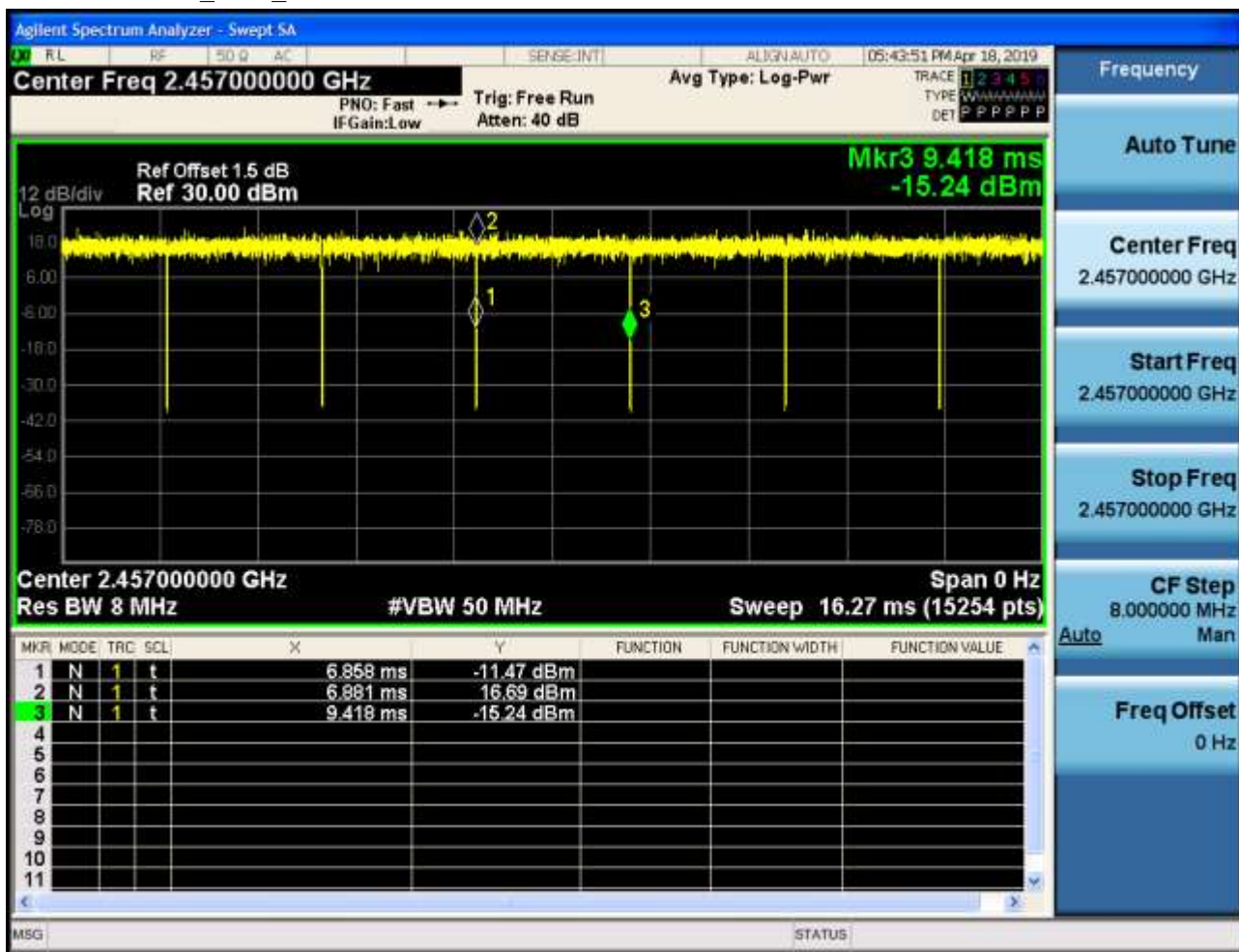


1.34 11N20SISO_Ant2_2437





1.35 11N20SISO_Ant1_2457



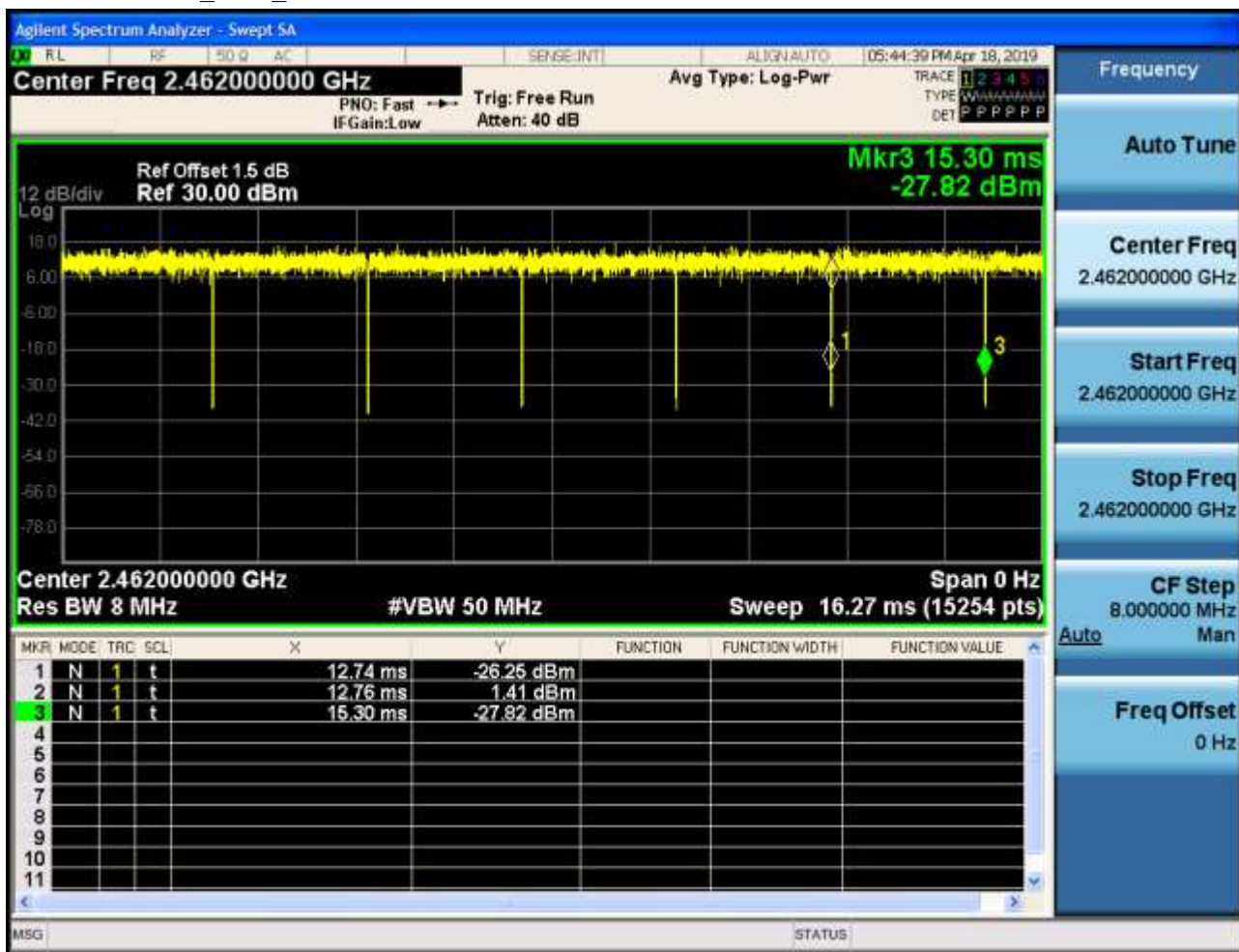


1.36 11N20SISO_Ant2_2457



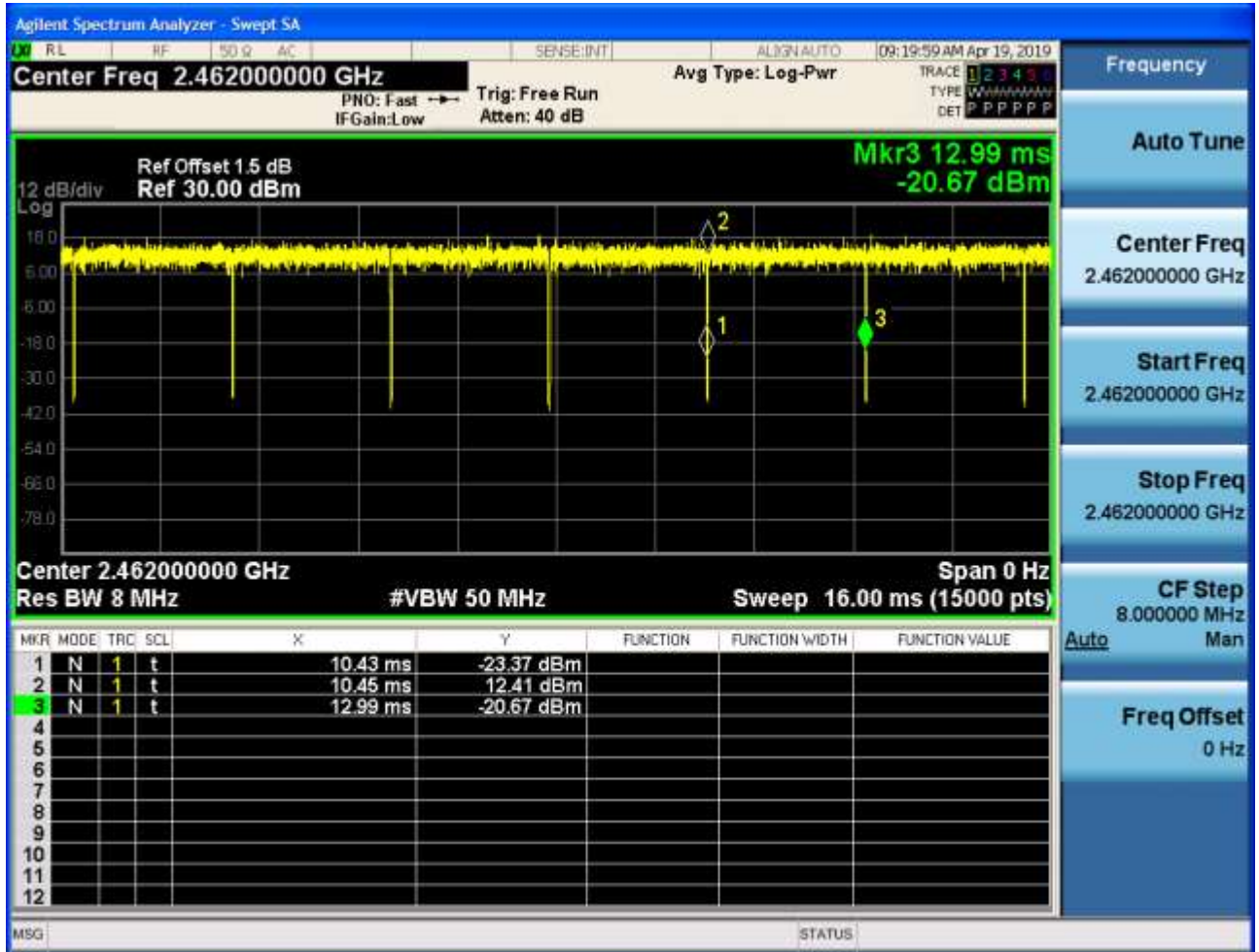


1.37 11N20SISO_Ant1_2462



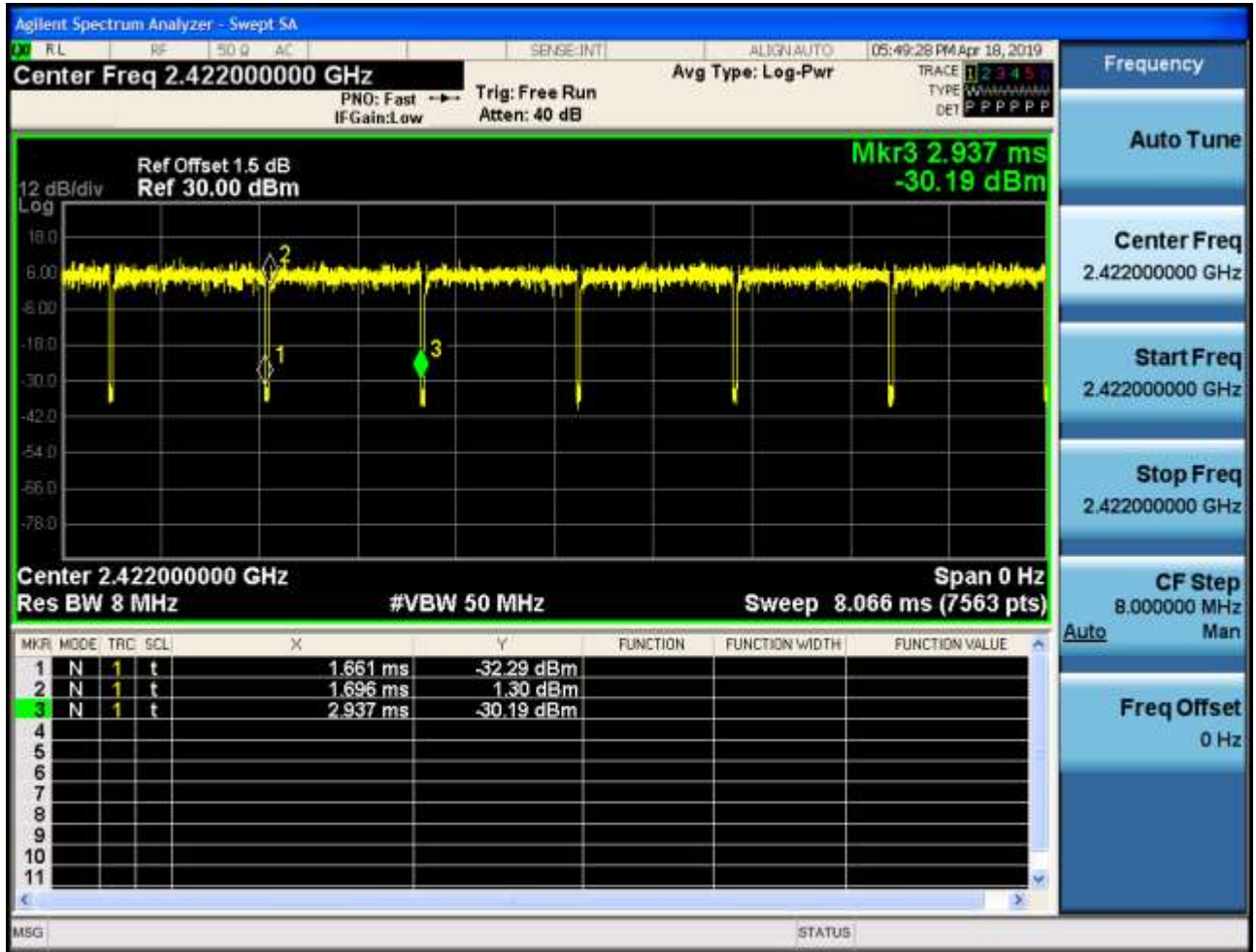


1.38 11N20SISO_Ant2_2462

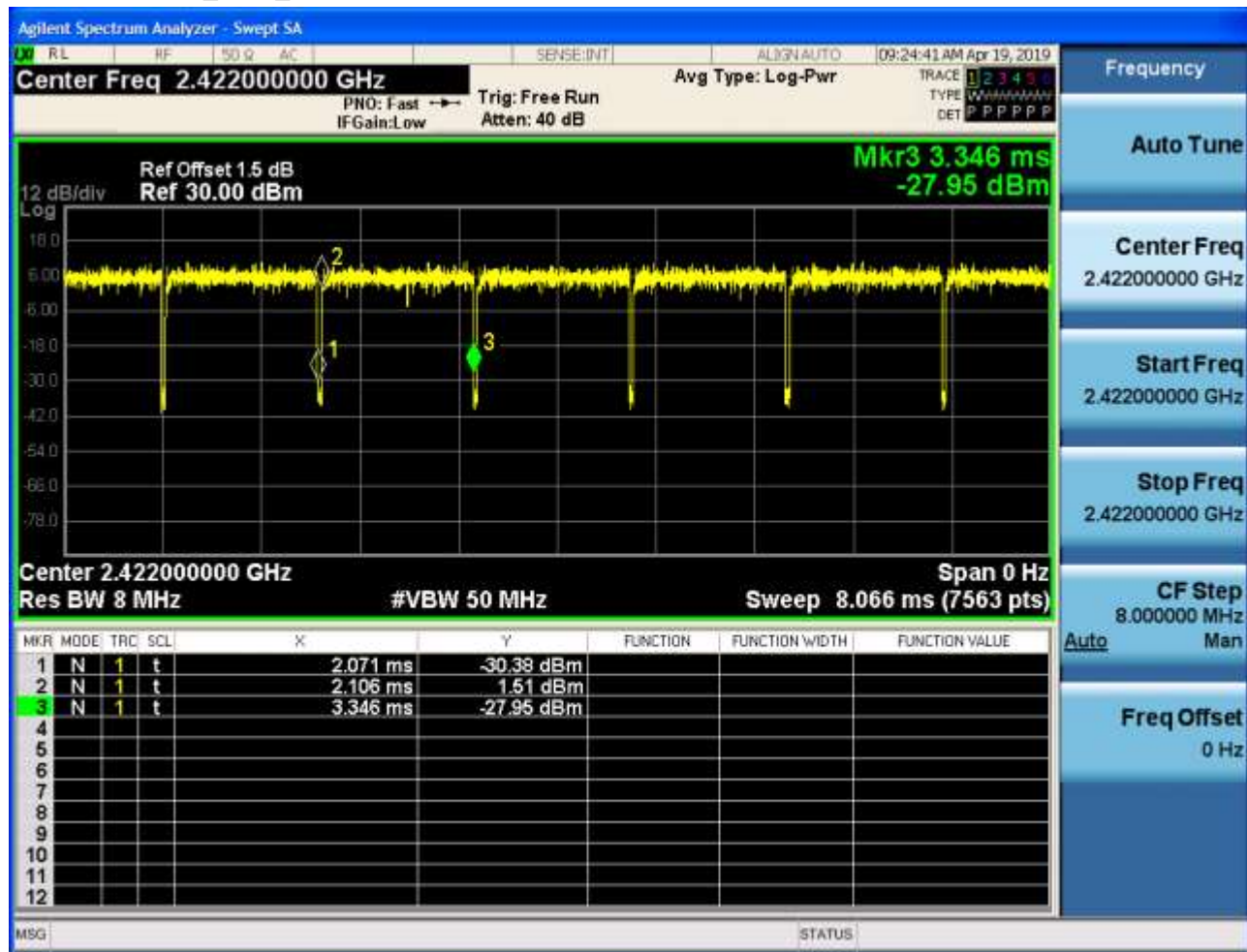




1.39 11N40SISO_Ant1_2422

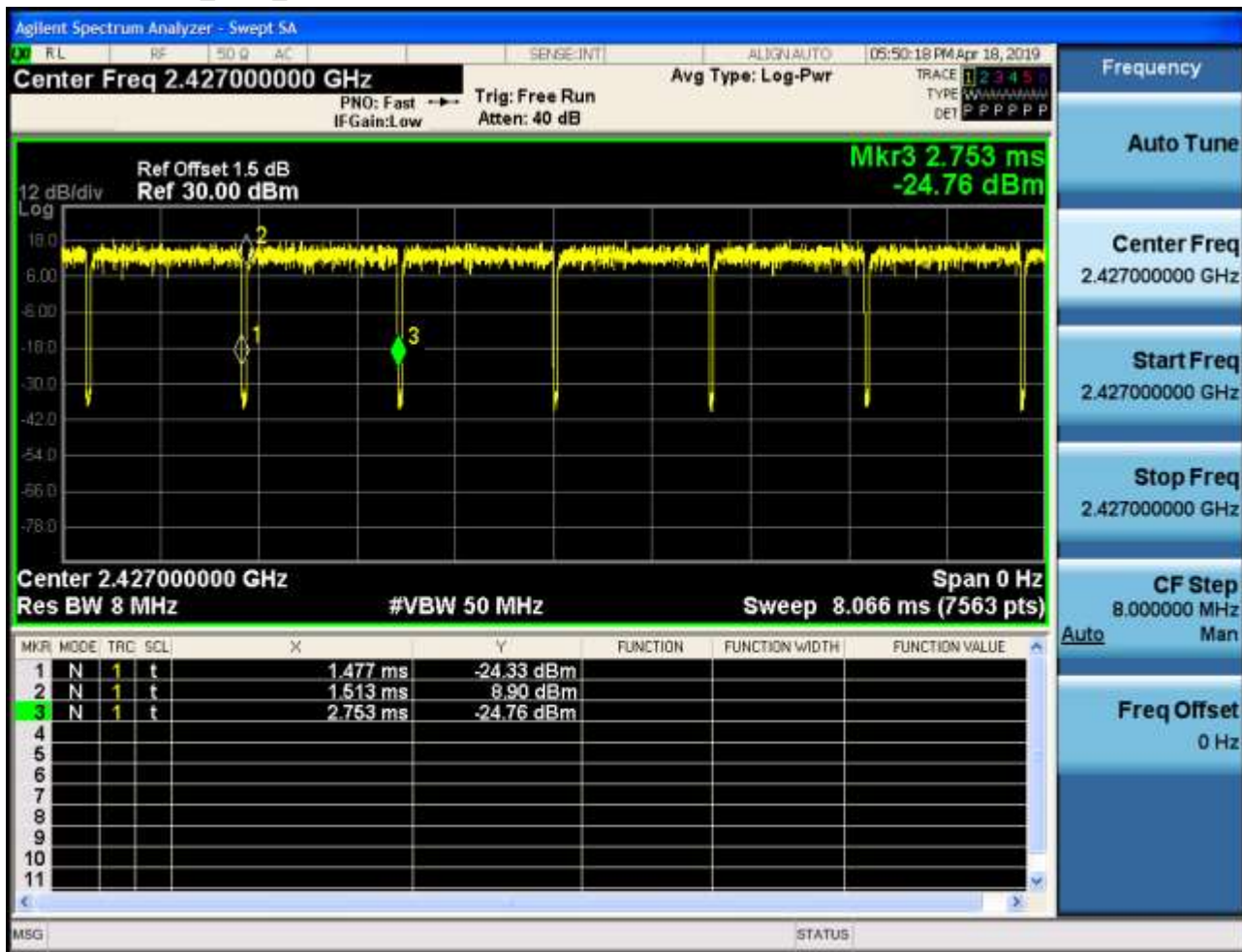


1.40 11N40SISO_Ant2_2422



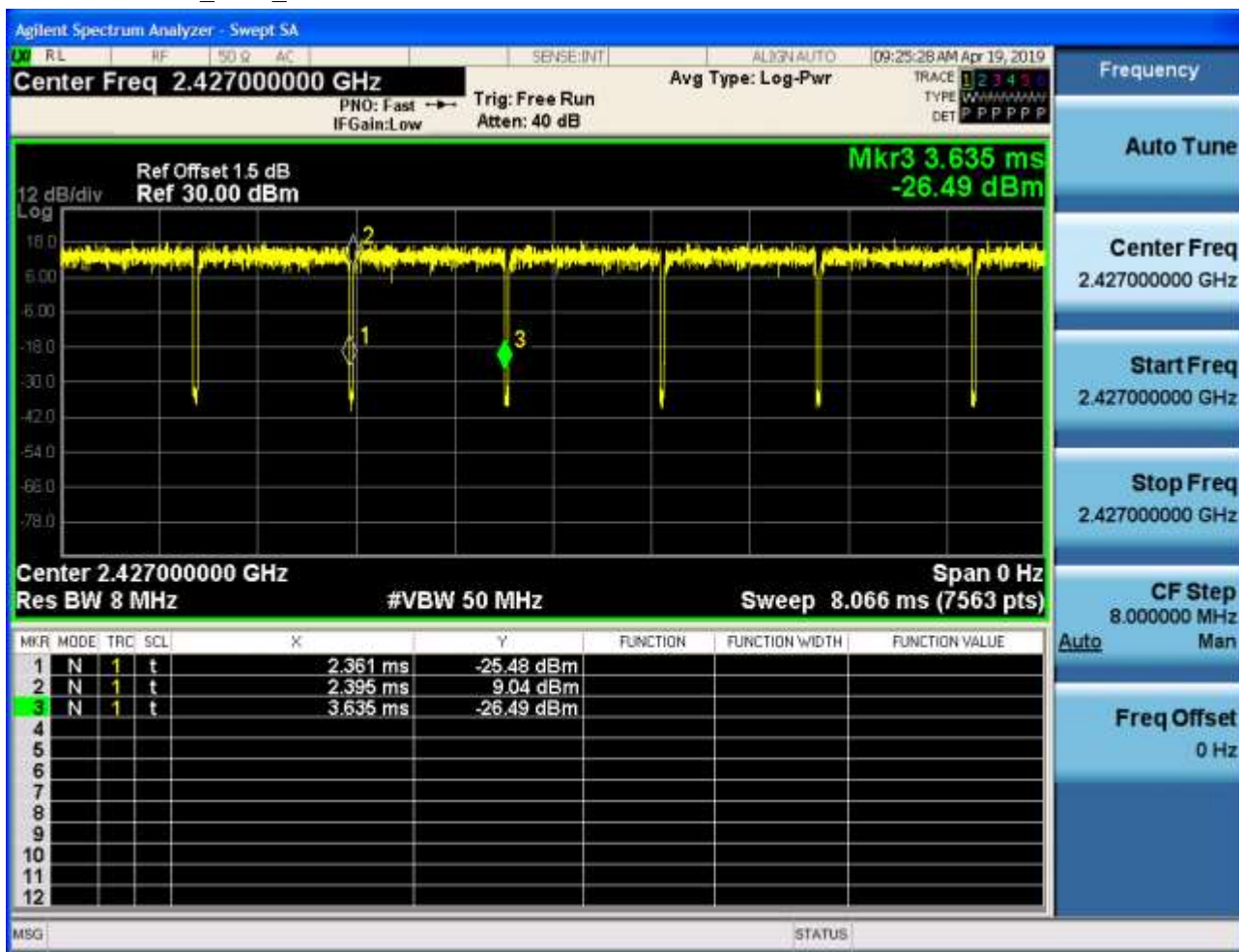


1.41 11N40SISO_Ant1_2427





1.42 11N40SISO_Ant2_2427



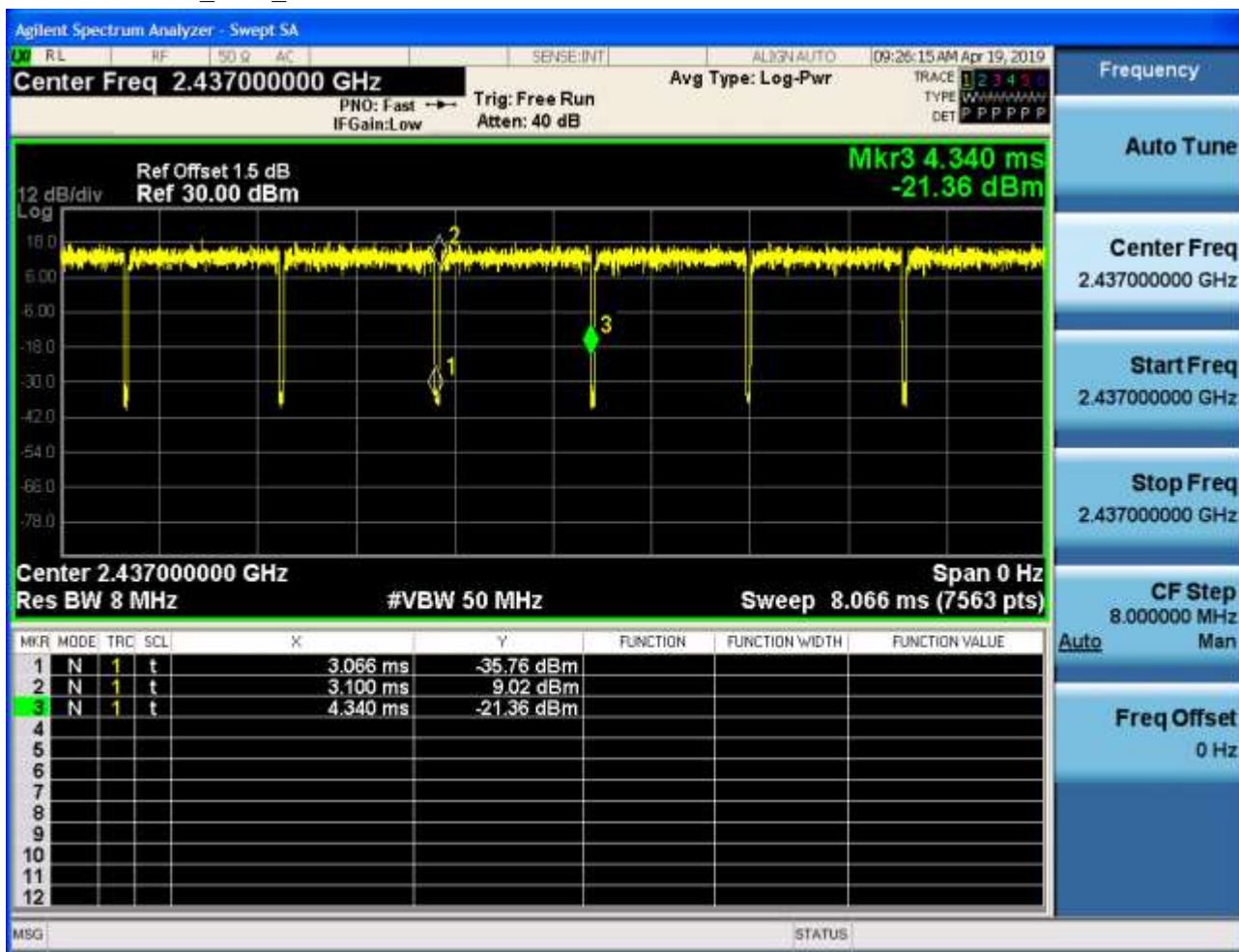


1.43 11N40SISO_Ant1_2437



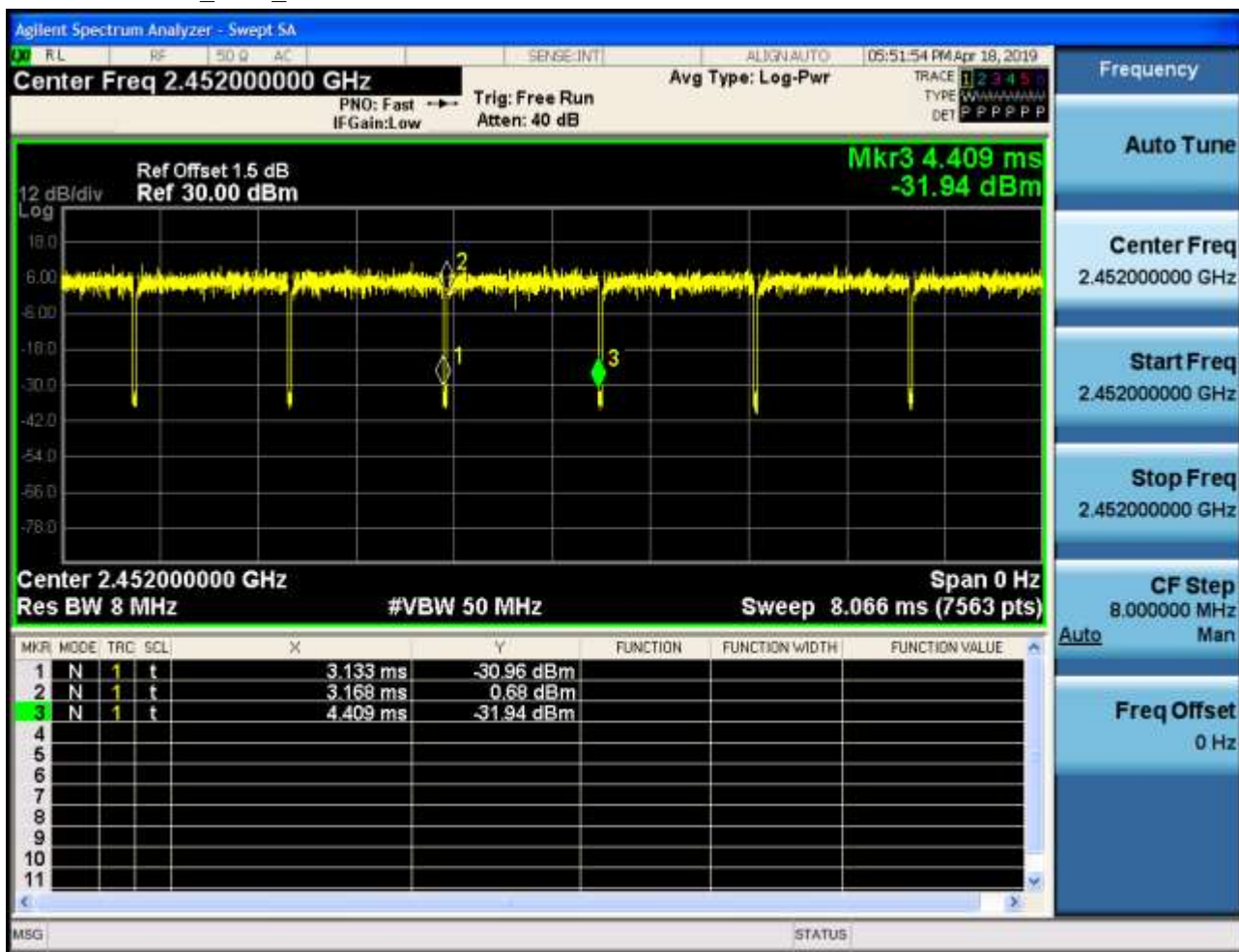


1.44 11N40SISO_Ant2_2437



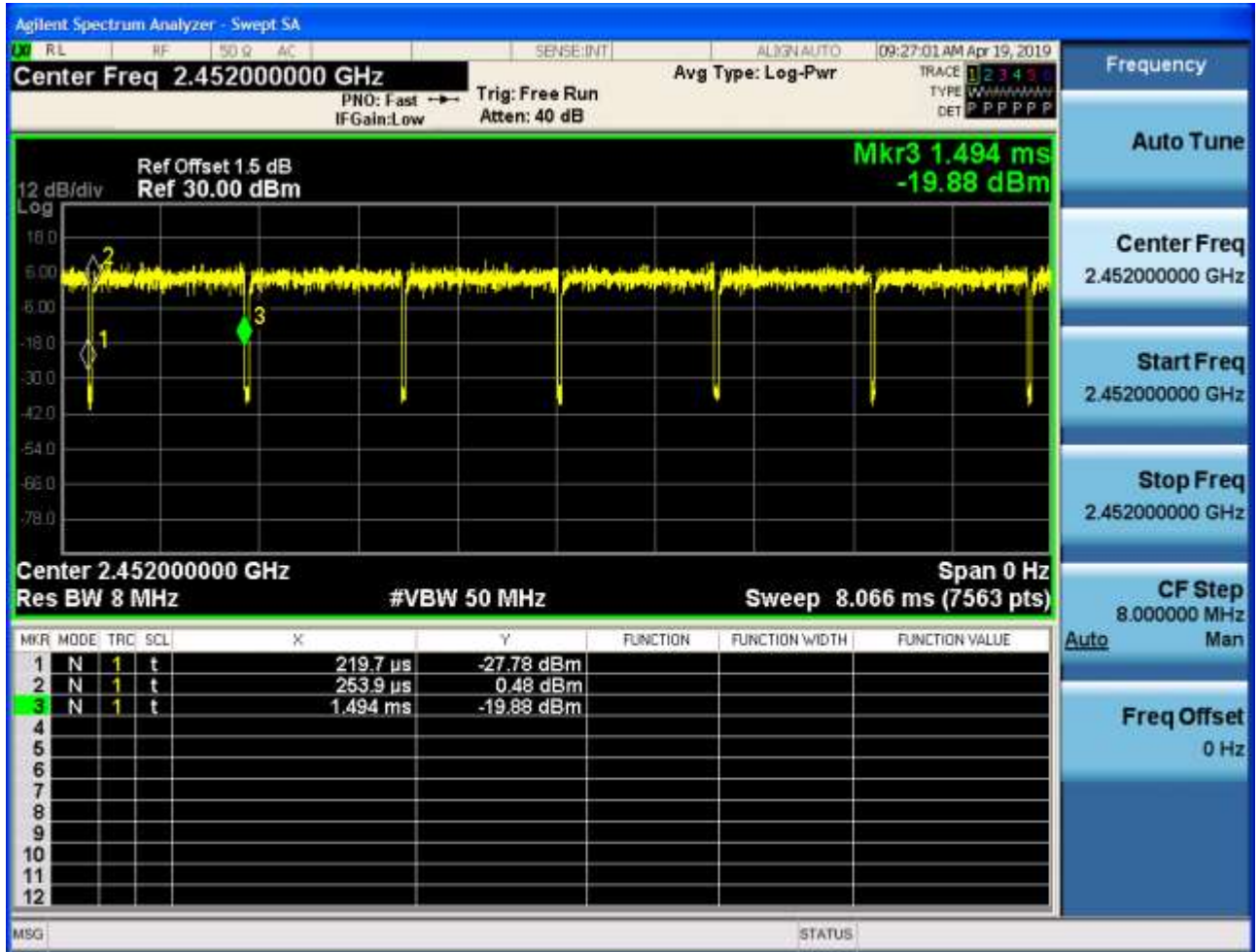


1.45 11N40SISO_Ant1_2452



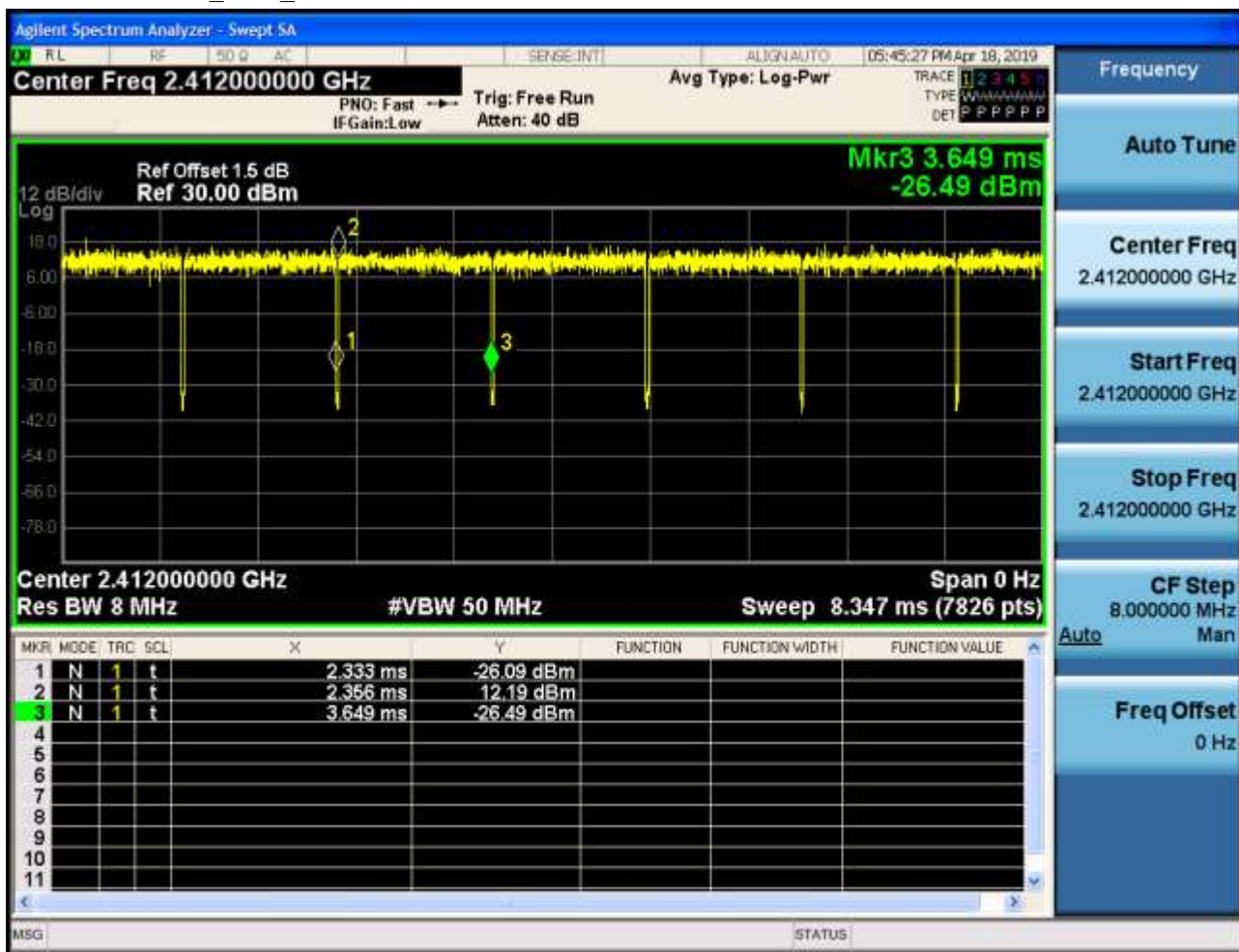


1.46 11N40SISO_Ant2_2452



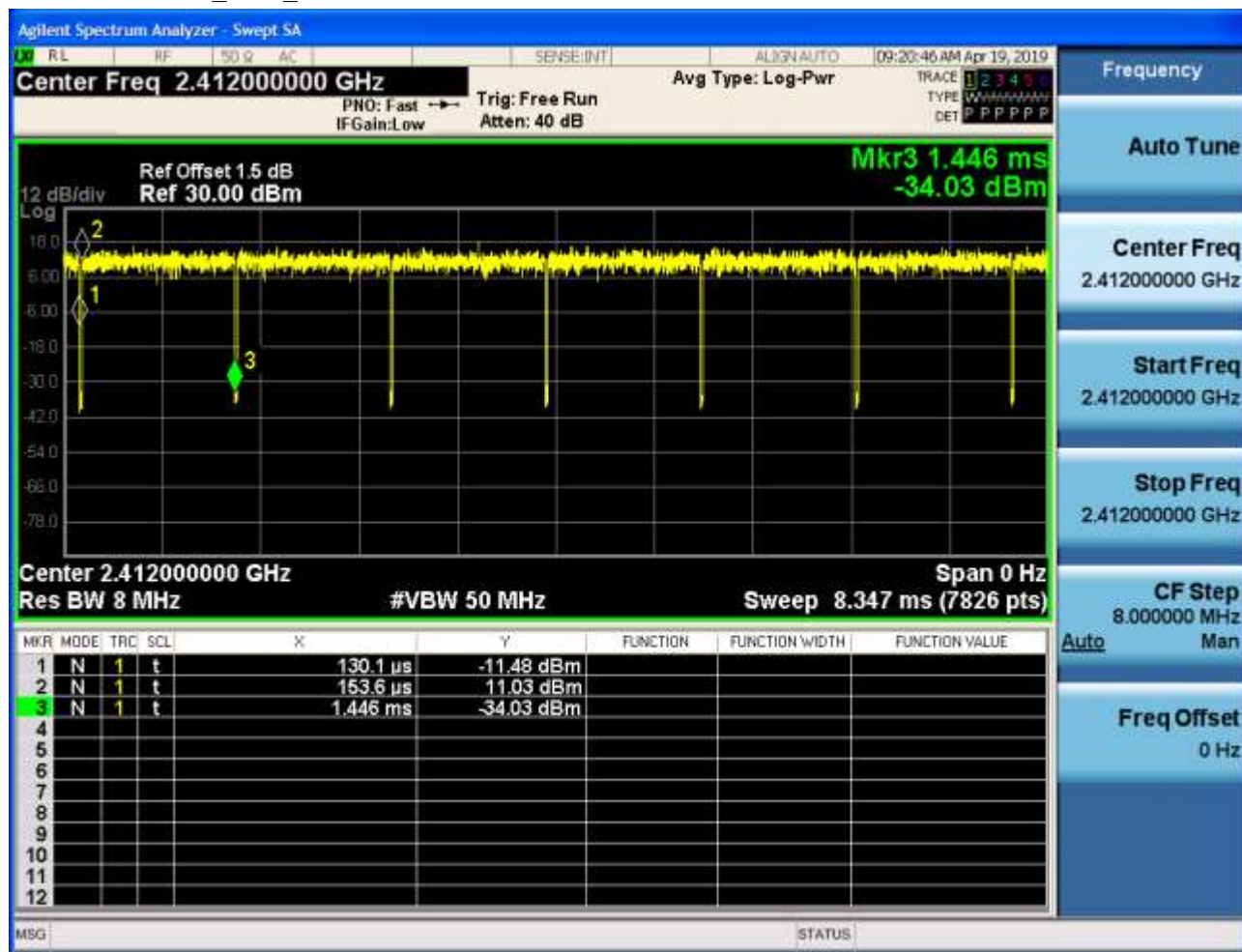


1.47 11N20MIMO_Ant1_2412



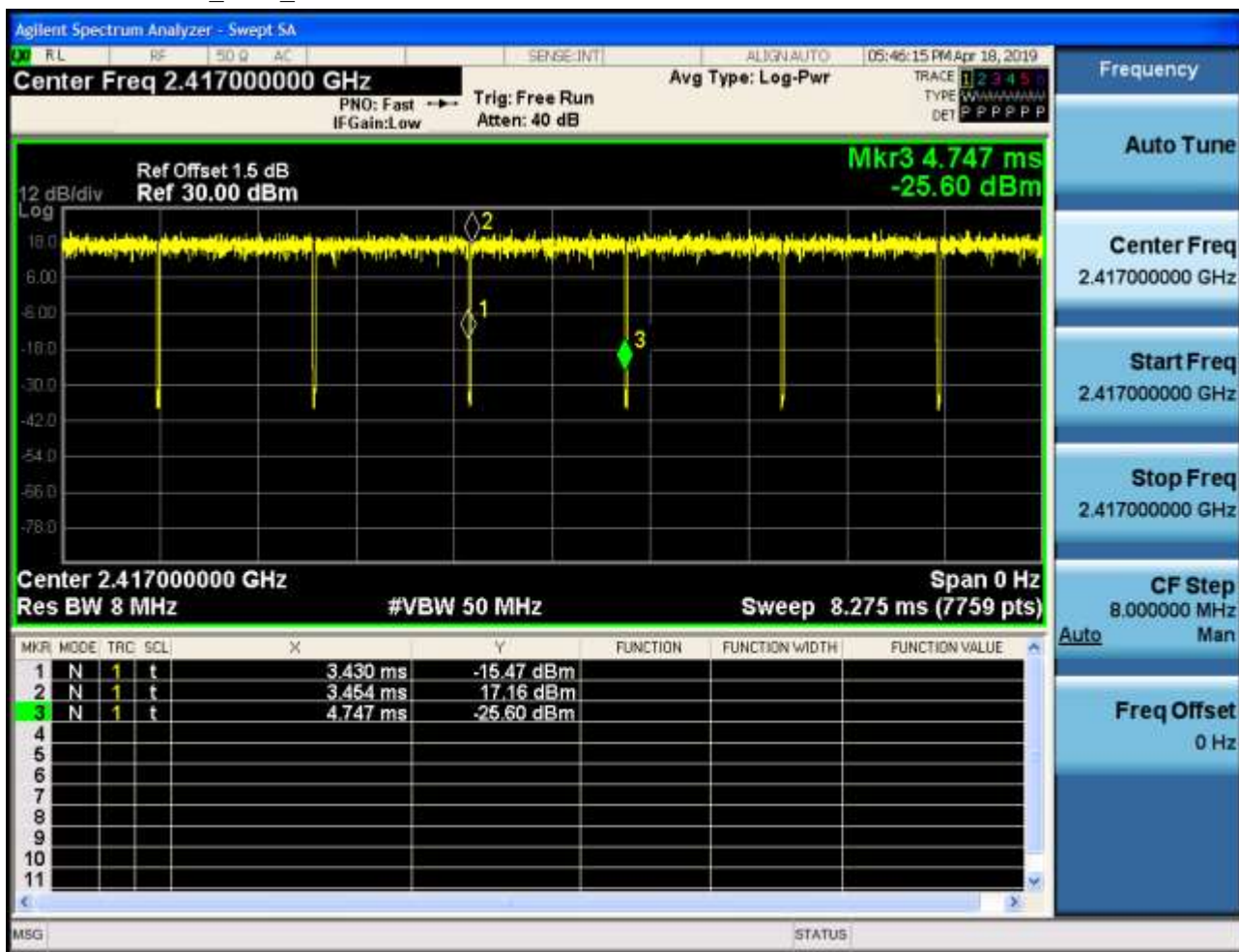


1.48 11N20MIMO_Ant2_2412



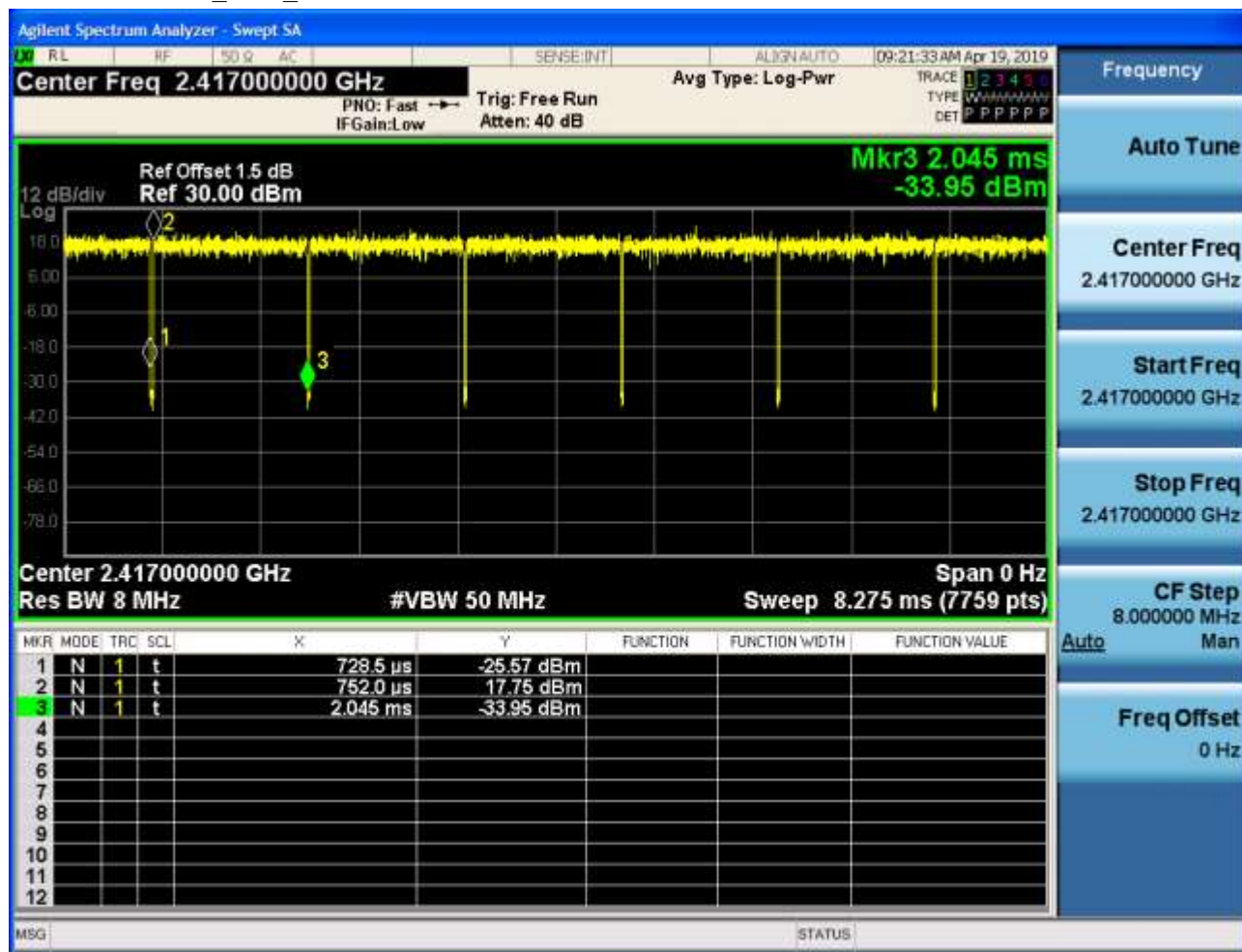


1.49 11N20MIMO_Ant1_2417



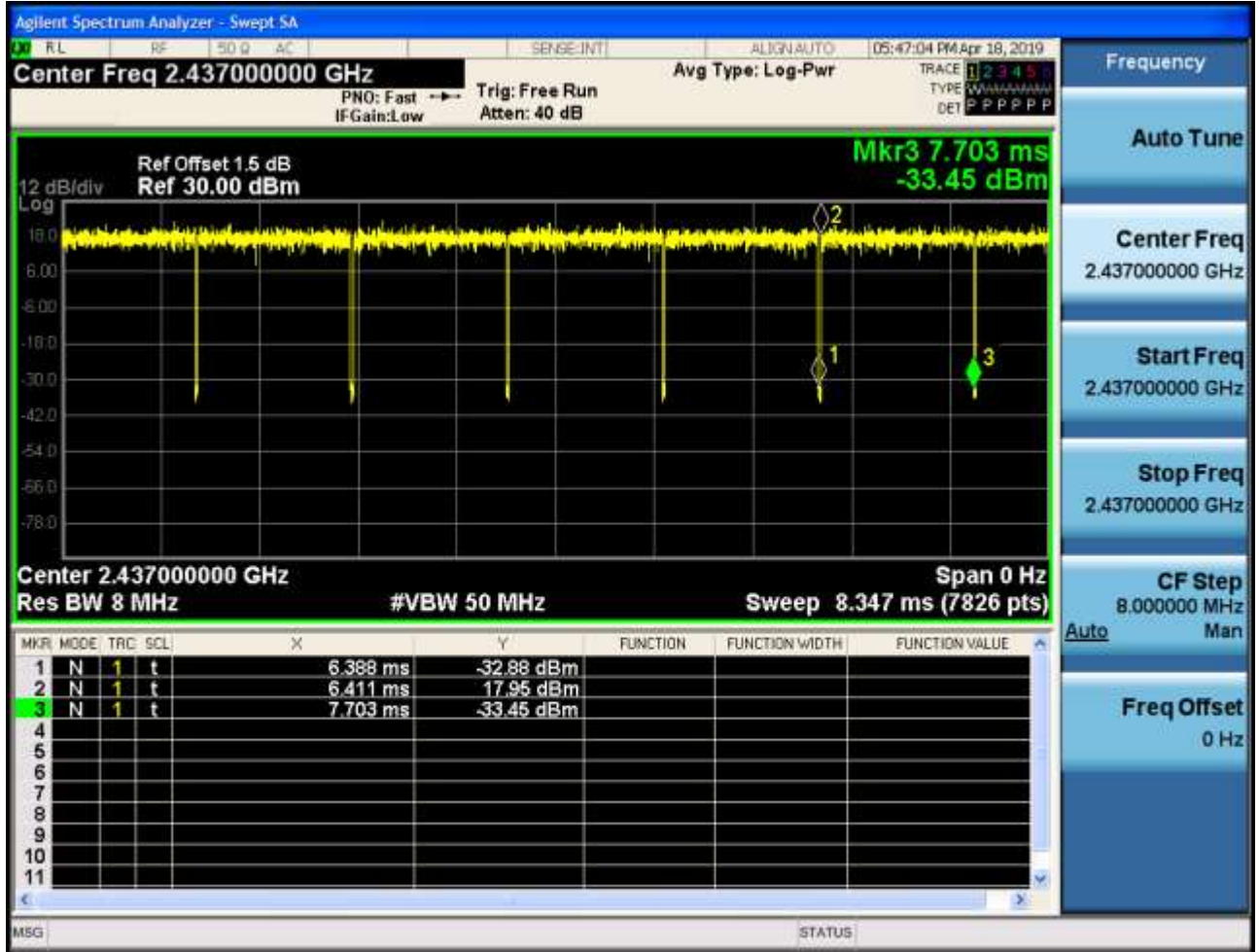


1.50 11N20MIMO_Ant2_2417



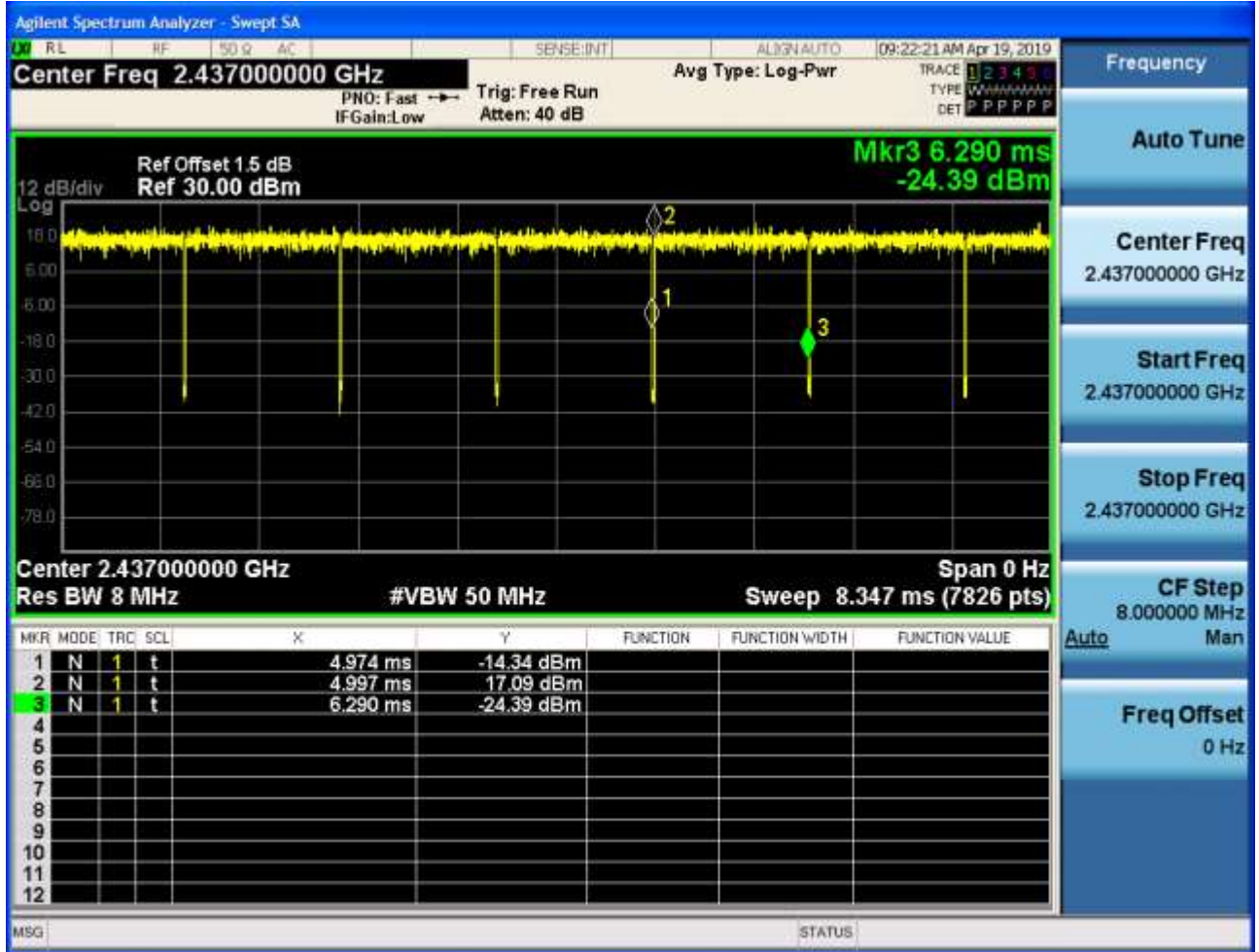


1.51 11N20MIMO_Ant1_2437



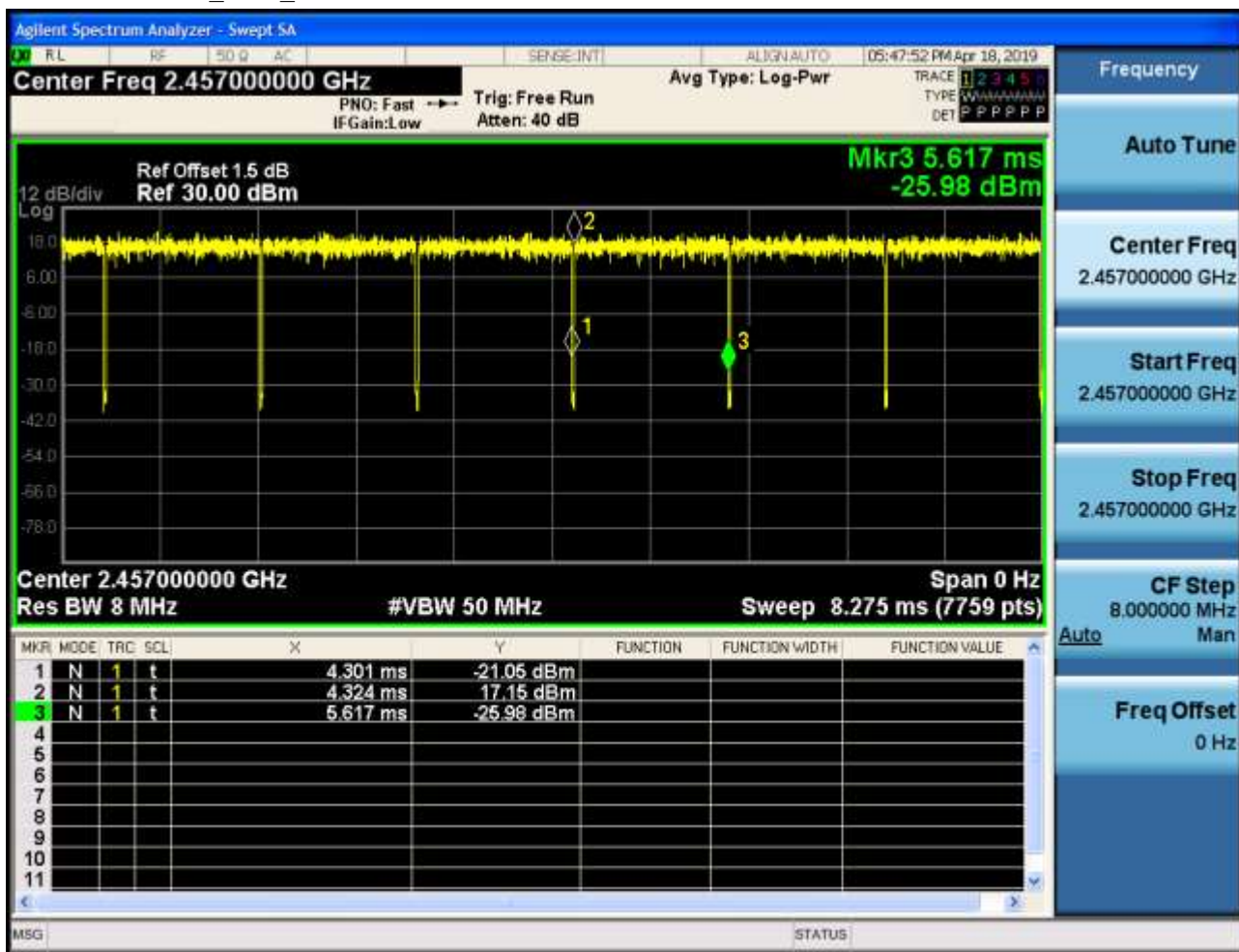


1.52 11N20MIMO_Ant2_2437



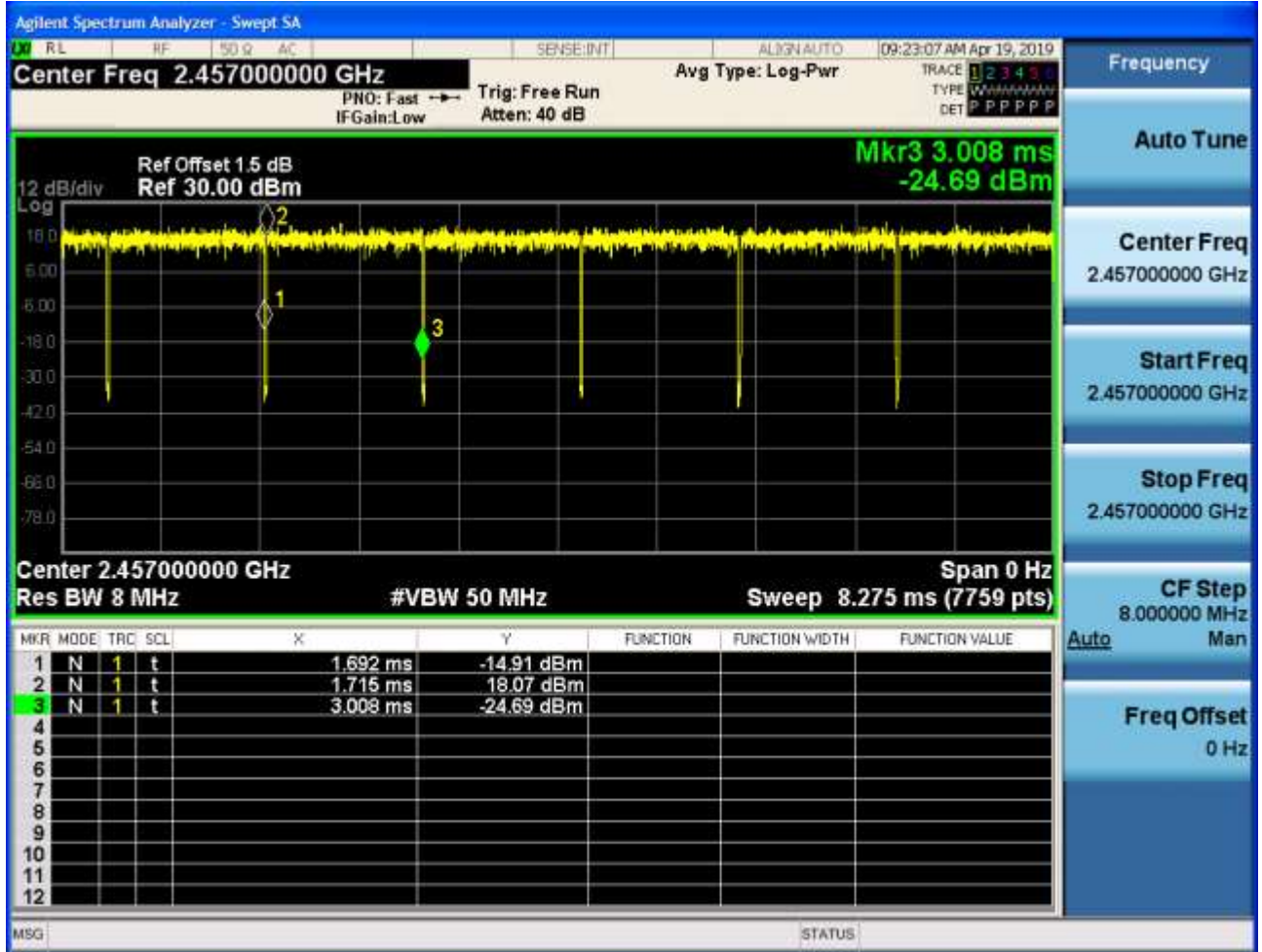


1.53 11N20MIMO_Ant1_2457



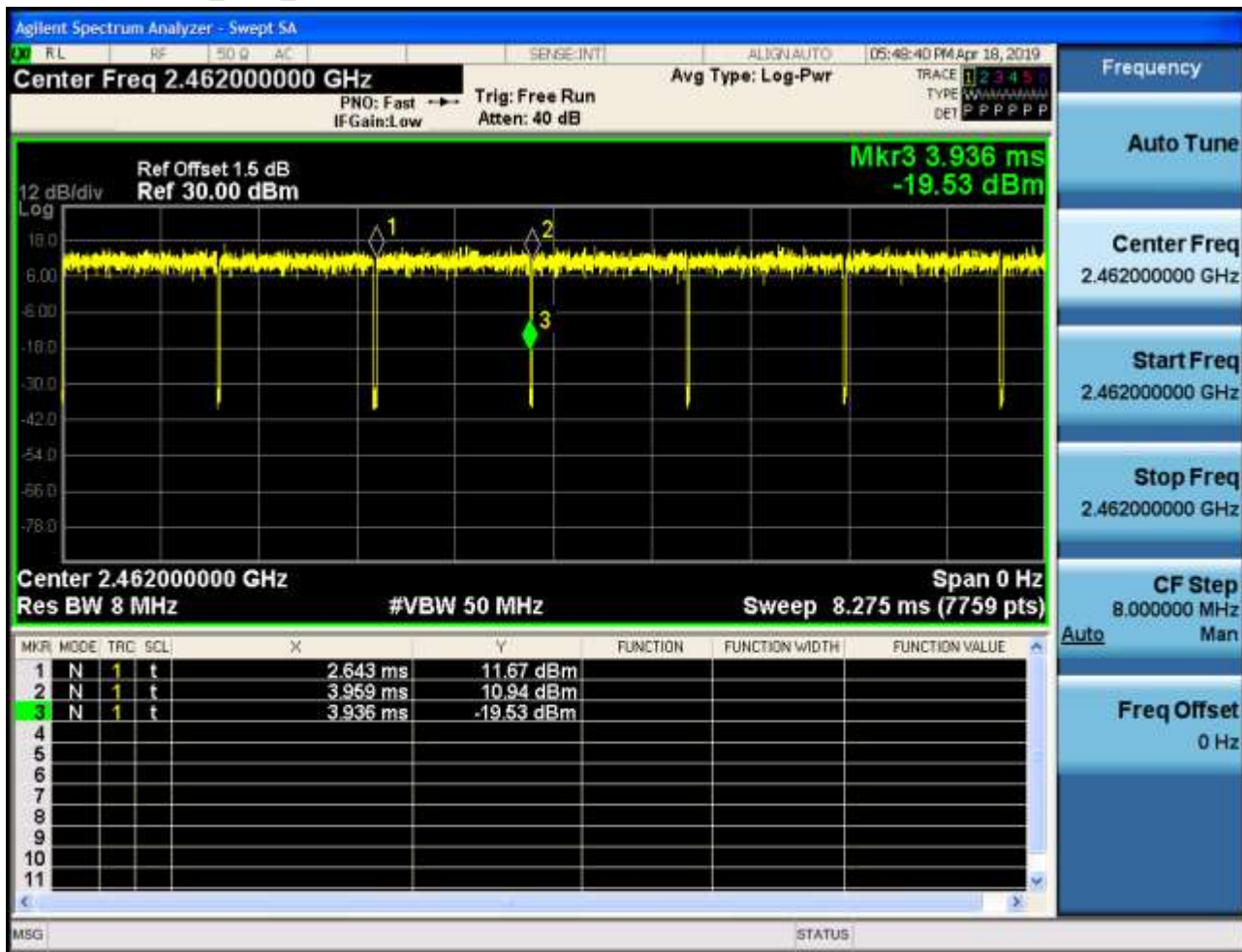


1.54 11N20MIMO_Ant2_2457



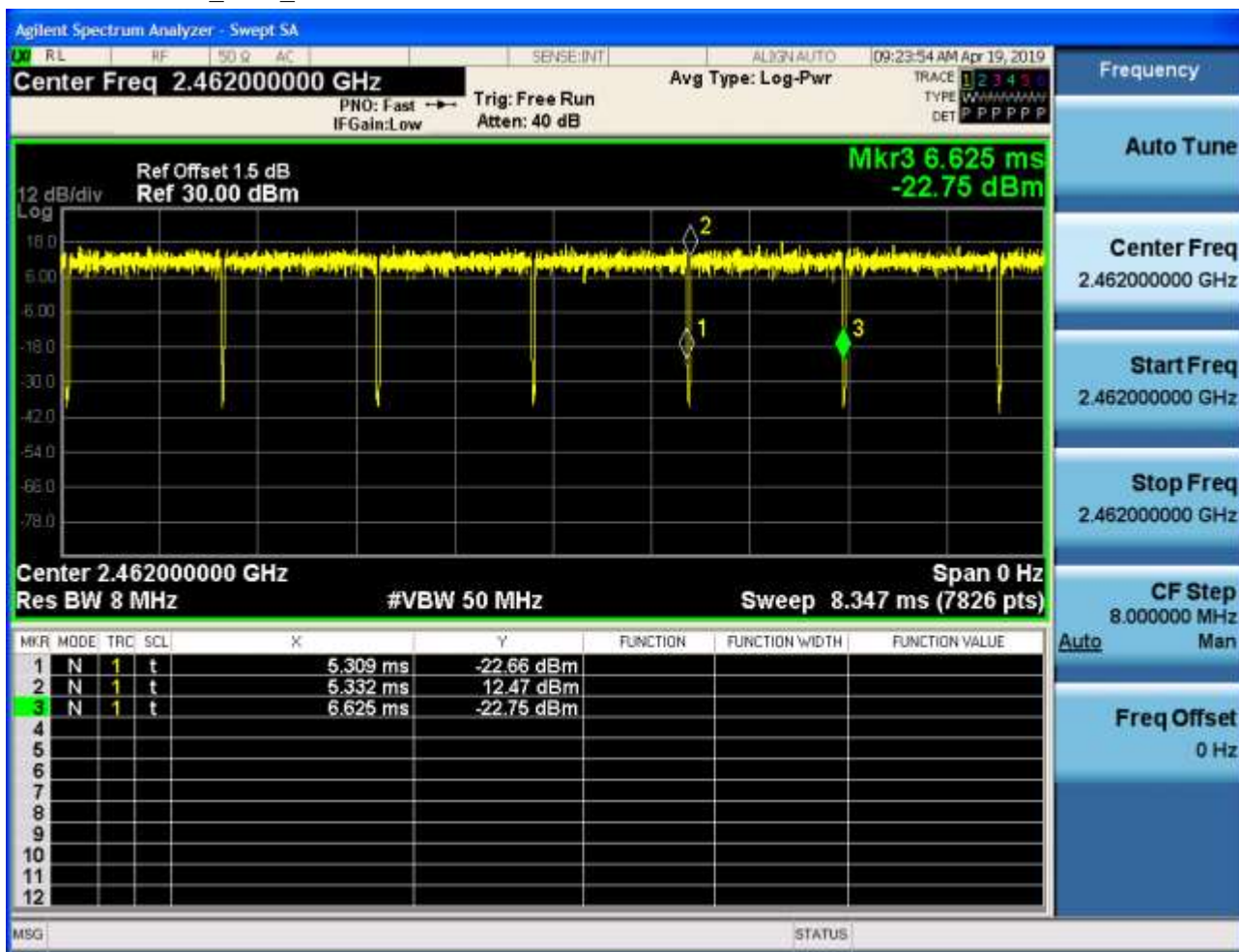


1.55 11N20MIMO_Ant1_2462



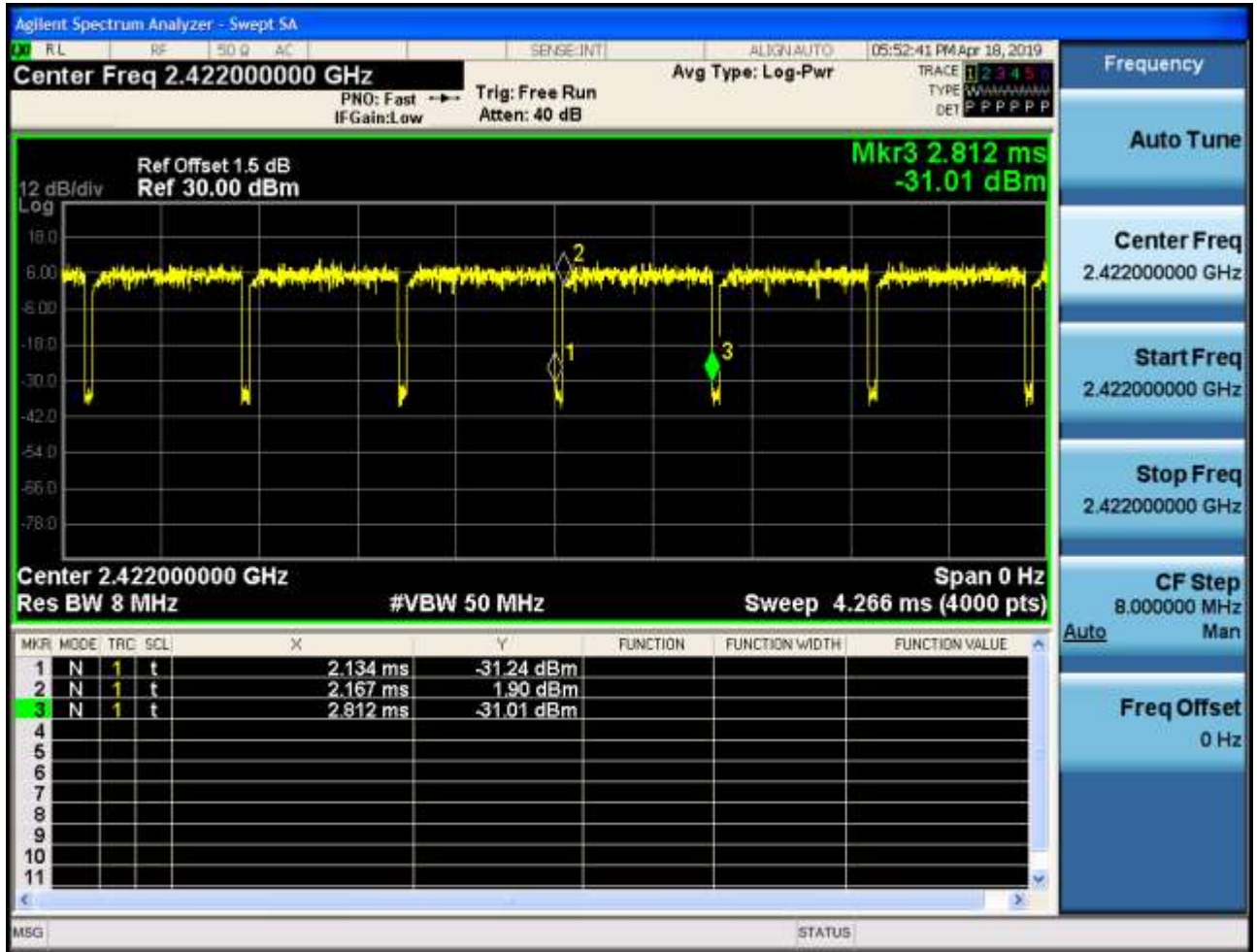


1.56 11N20MIMO_Ant2_2462



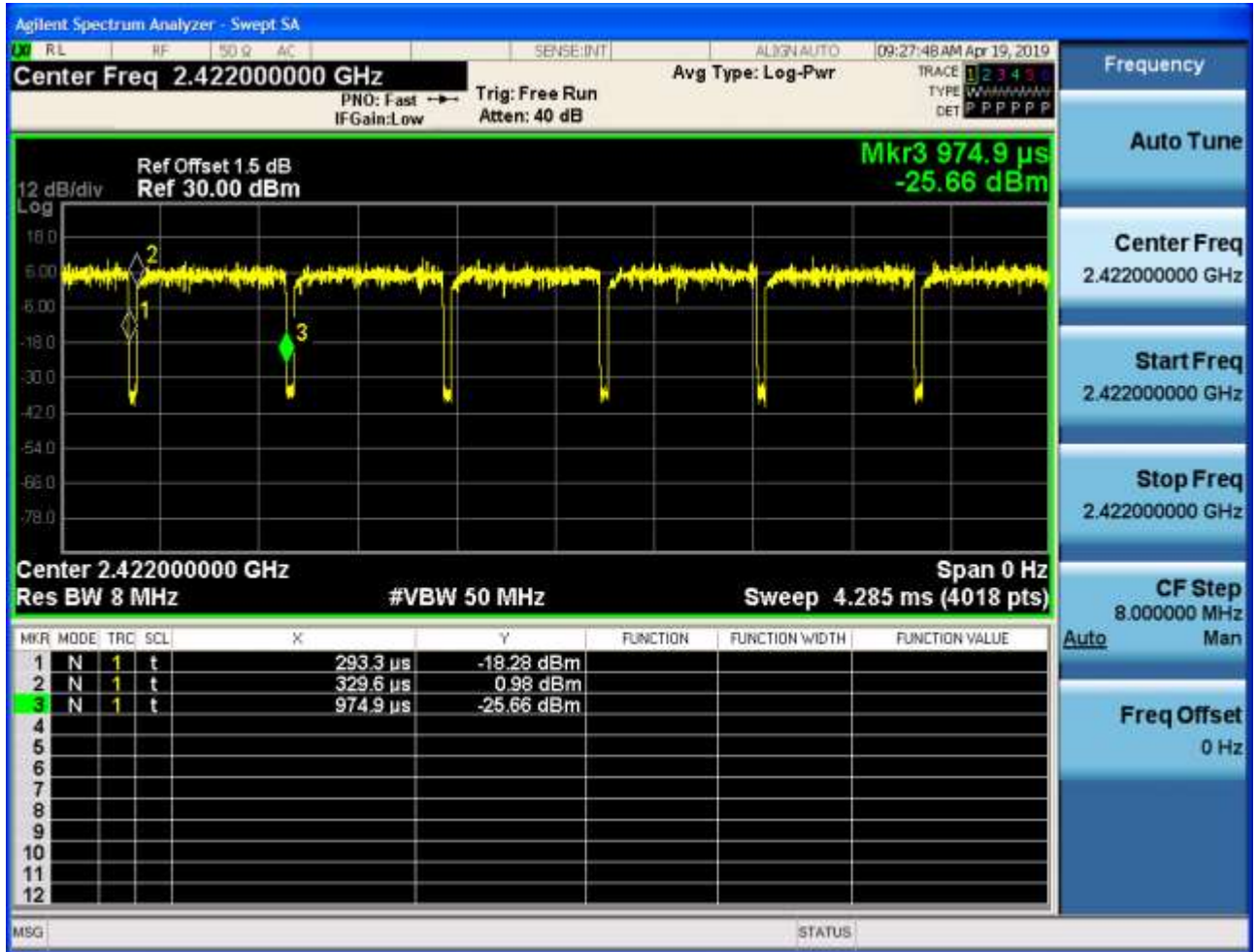


1.57 11N40MIMO_Ant1_2422



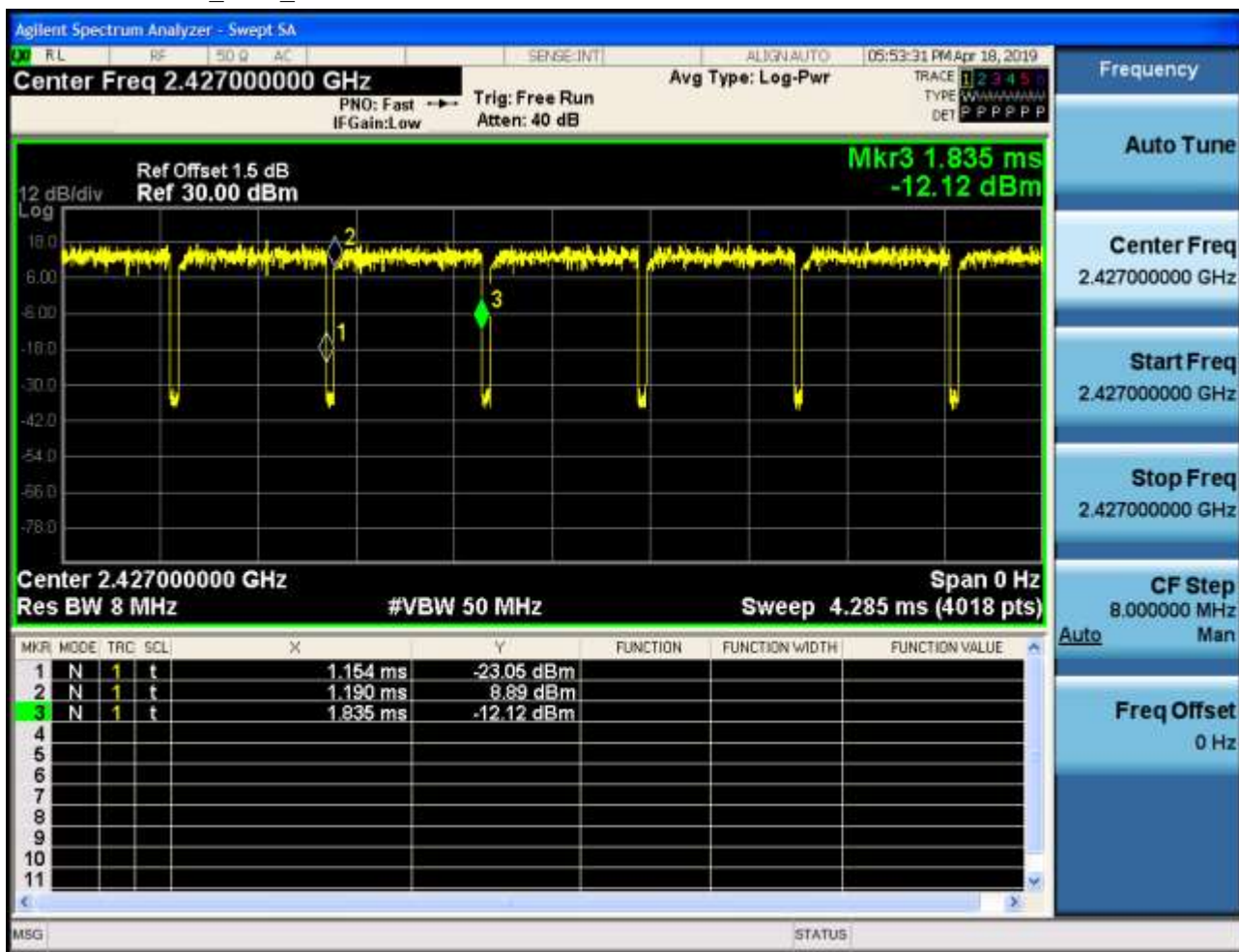


1.58 11N40MIMO_Ant2_2422



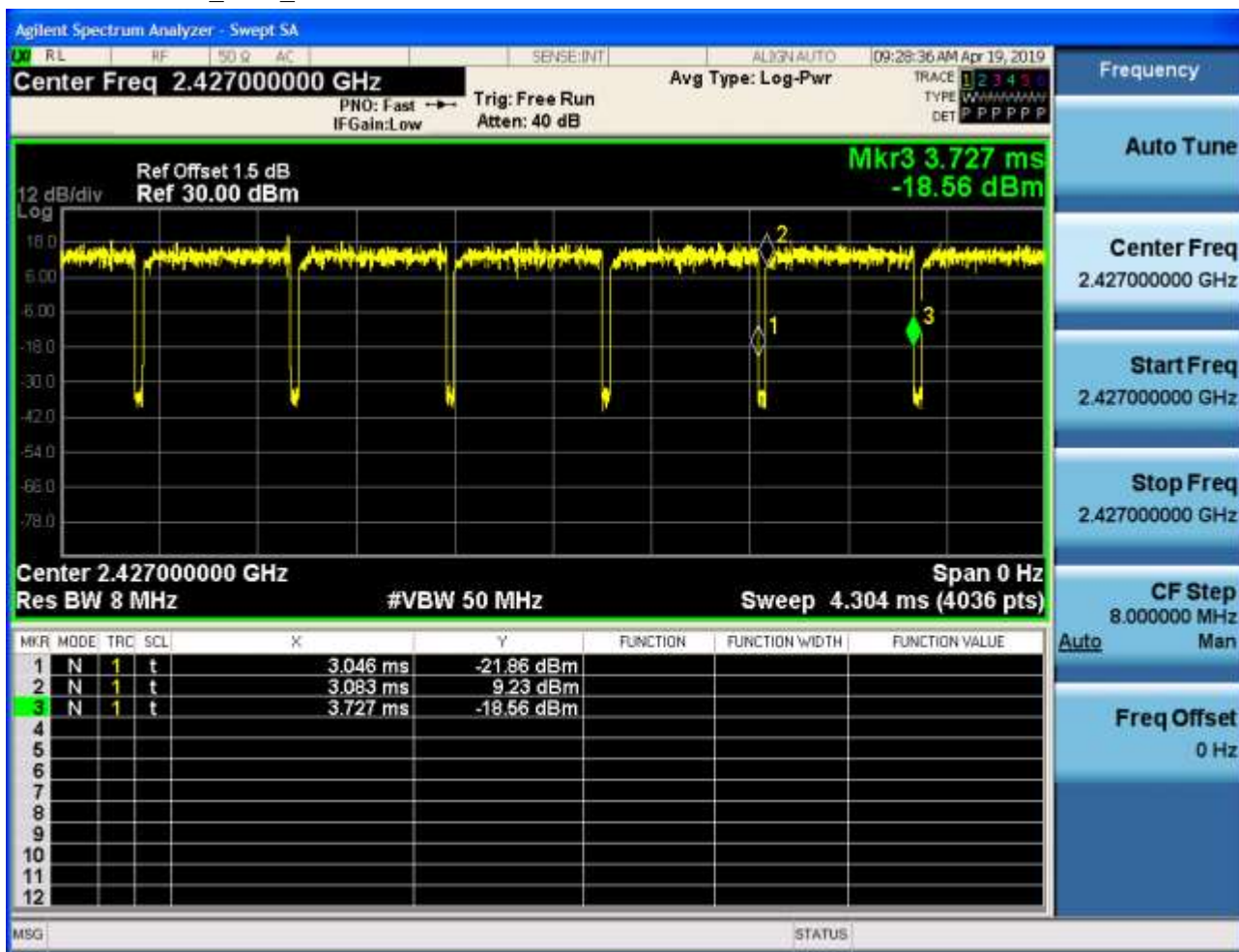


1.59 11N40MIMO_Ant1_2427



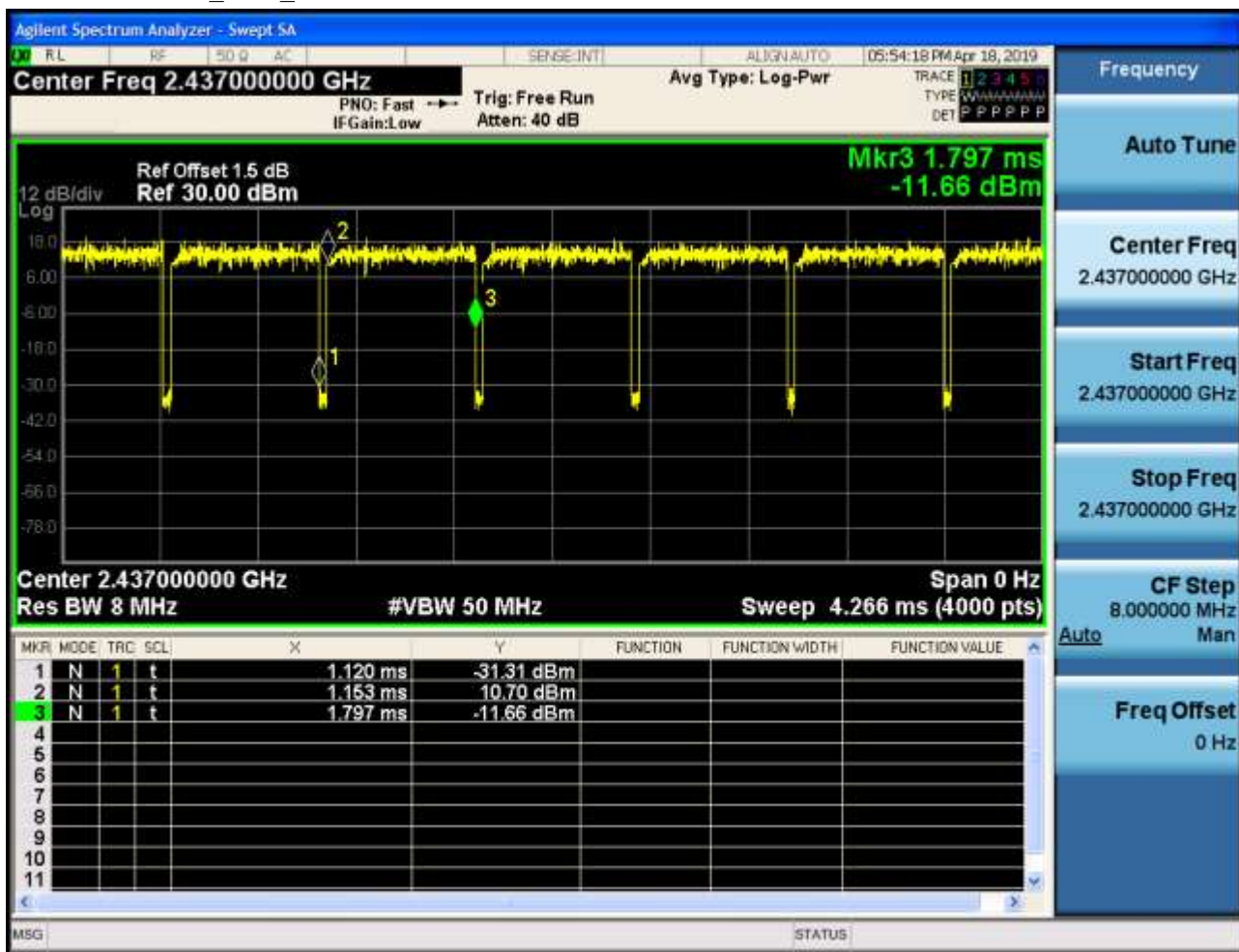


1.60 11N40MIMO_Ant2_2427



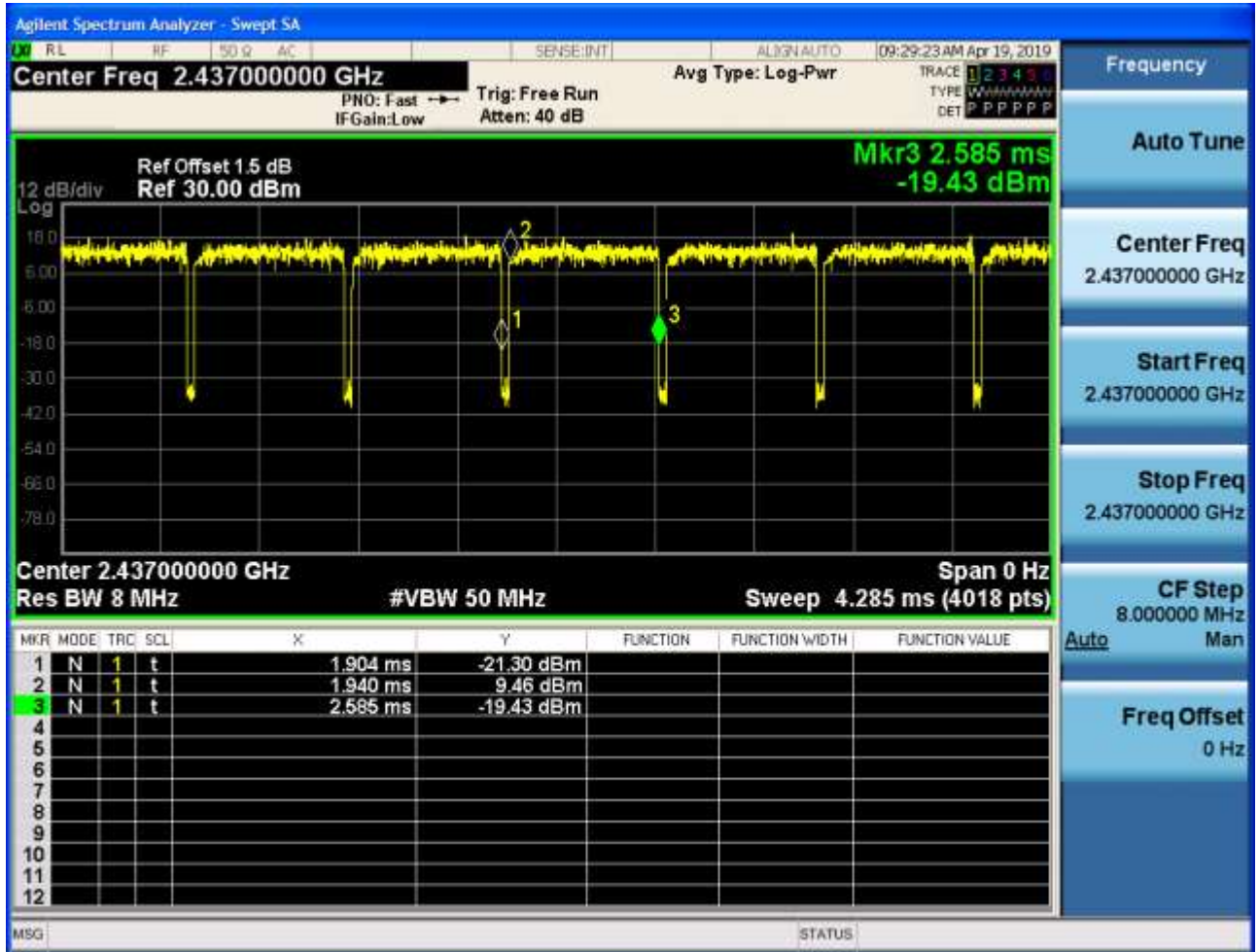


1.61 11N40MIMO_Ant1_2437



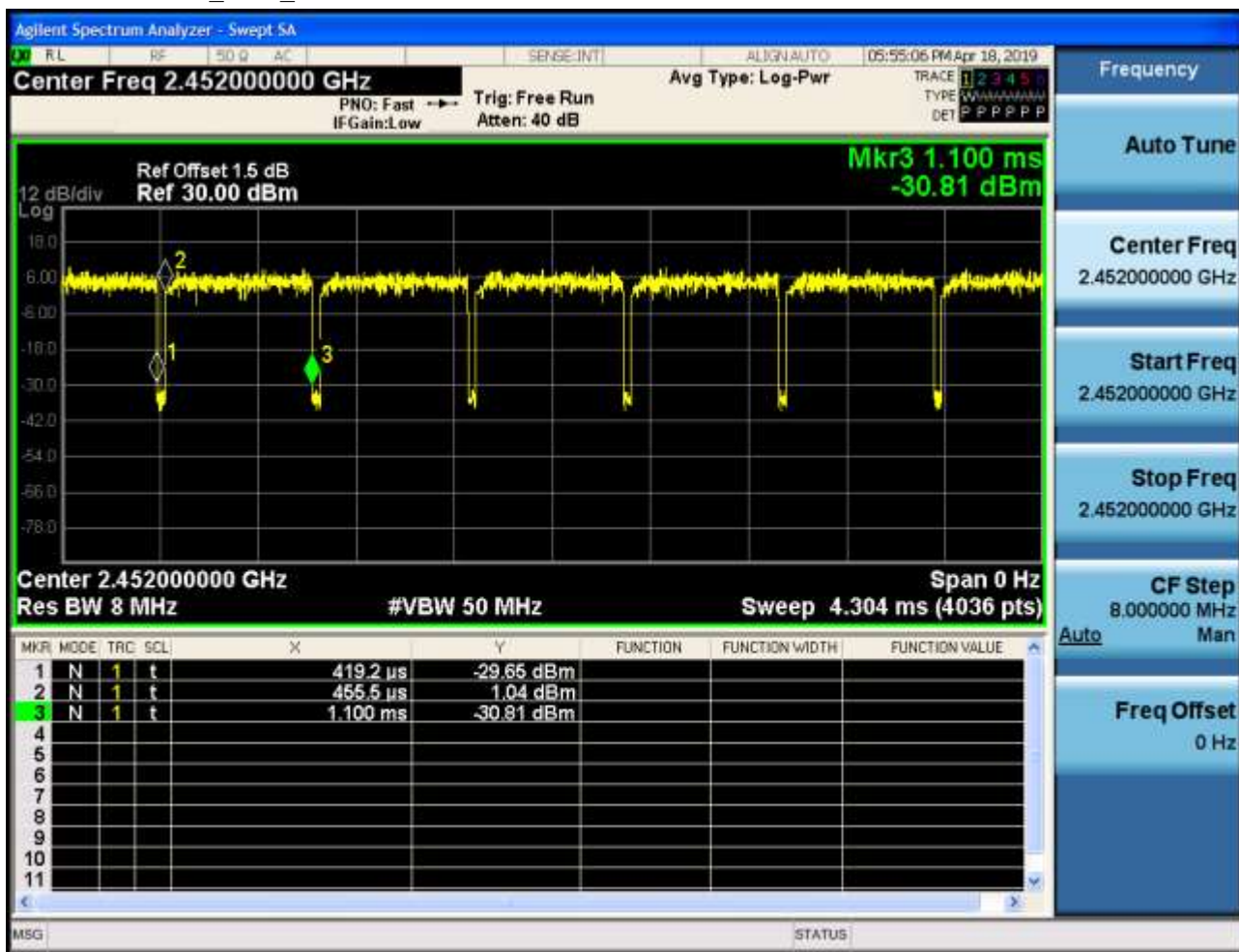


1.62 11N40MIMO_Ant2_2437



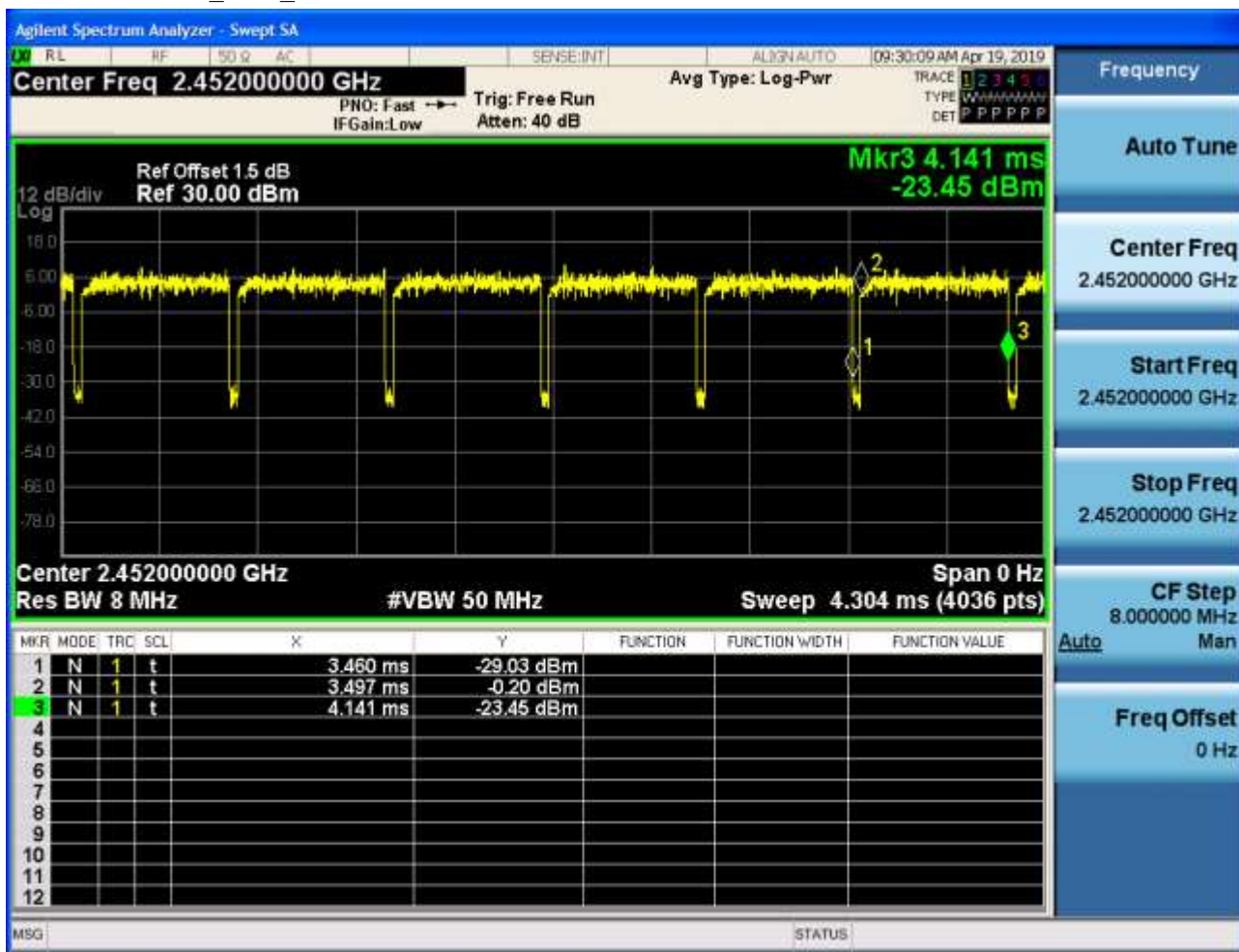


1.63 11N40MIMO_Ant1_2452





1.64 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	16.49	30	13.93	36	PASS
11B	Ant2	2412	16.52	30	9.35	36	PASS
11B	Ant1	2417	17.68	30	15.12	36	PASS
11B	Ant2	2417	17.82	30	10.65	36	PASS
11B	Ant1	2437	17.95	30	15.39	36	PASS
11B	Ant2	2437	17.14	30	9.97	36	PASS
11B	Ant1	2462	17.85	30	15.29	36	PASS
11B	Ant2	2462	17.49	30	10.32	36	PASS
11G	Ant1	2412	9.99	30	7.43	36	PASS
11G	Ant2	2412	10.62	30	3.45	36	PASS
11G	Ant1	2417	16.57	30	14.01	36	PASS
11G	Ant2	2417	16.66	30	9.49	36	PASS
11G	Ant1	2437	17.05	30	14.49	36	PASS
11G	Ant2	2437	16.31	30	9.14	36	PASS
11G	Ant1	2457	16.27	30	13.71	36	PASS
11G	Ant2	2457	16.09	30	8.92	36	PASS
11G	Ant1	2462	10.03	30	7.47	36	PASS
11G	Ant2	2462	10.58	30	3.41	36	PASS
11G20CDD	Ant1	2412	9.83	30	7.27	36	PASS
11G20CDD	Ant2	2412	10.13	30	2.96	36	PASS
11G20CDD	SUM	2412	12.99	30	8.64	36	PASS
11G20CDD	Ant1	2417	16.39	30	13.83	36	PASS
11G20CDD	Ant2	2417	16.61	30	9.44	36	PASS
11G20CDD	SUM	2417	19.51	30	15.18	36	PASS
11G20CDD	Ant1	2437	16.79	30	14.23	36	PASS
11G20CDD	Ant2	2437	16.29	30	9.12	36	PASS
11G20CDD	SUM	2437	19.56	30	15.40	36	PASS
11G20CDD	Ant1	2457	16.15	30	13.59	36	PASS
11G20CDD	Ant2	2457	16.56	30	9.39	36	PASS
11G20CDD	SUM	2457	19.37	30	14.98	36	PASS
11G20CDD	Ant1	2462	9.8	30	7.24	36	PASS
11G20CDD	Ant2	2462	10.04	30	2.87	36	PASS
11G20CDD	SUM	2462	12.93	30	8.59	36	PASS
11N20SISO	Ant1	2412	9.95	30	7.39	36	PASS
11N20SISO	Ant2	2412	10.48	30	3.31	36	PASS
11N20SISO	Ant1	2417	15.57	30	13.01	36	PASS
11N20SISO	Ant2	2417	15.6	30	8.43	36	PASS
11N20SISO	Ant1	2437	15.95	30	13.39	36	PASS
11N20SISO	Ant2	2437	15.15	30	7.98	36	PASS
11N20SISO	Ant1	2457	15.13	30	12.57	36	PASS
11N20SISO	Ant2	2457	15.41	30	8.24	36	PASS
11N20SISO	Ant1	2462	9.73	30	7.17	36	PASS
11N20SISO	Ant2	2462	10.49	30	3.32	36	PASS
11N20MIMO	Ant1	2412	9.75	30	7.19	36	PASS
11N20MIMO	Ant2	2412	10.08	30	2.91	36	PASS

11N20MIMO	SUM	2412	12.93	30	8.57	36	PASS
11N20MIMO	Ant1	2417	15.39	30	12.83	36	PASS
11N20MIMO	Ant2	2417	15.67	30	8.5	36	PASS
11N20MIMO	SUM	2417	18.54	30	14.19	36	PASS
11N20MIMO	Ant1	2437	15.78	30	13.22	36	PASS
11N20MIMO	Ant2	2437	15.34	30	8.17	36	PASS
11N20MIMO	SUM	2437	18.58	30	14.40	36	PASS
11N20MIMO	Ant1	2457	15.15	30	12.59	36	PASS
11N20MIMO	Ant2	2457	15.65	30	8.48	36	PASS
11N20MIMO	SUM	2457	18.42	30	14.01	36	PASS
11N20MIMO	Ant1	2462	9.61	30	7.05	36	PASS
11N20MIMO	Ant2	2462	10.07	30	2.9	36	PASS
11N20MIMO	SUM	2462	12.86	30	8.46	36	PASS
11N40SISO	Ant1	2422	7.56	30	5	36	PASS
11N40SISO	Ant2	2422	7.9	30	0.73	36	PASS
11N40SISO	Ant1	2427	15.96	30	13.4	36	PASS
11N40SISO	Ant2	2427	15.55	30	8.38	36	PASS
11N40SISO	Ant1	2437	15.96	30	13.4	36	PASS
11N40SISO	Ant2	2437	15.49	30	8.32	36	PASS
11N40SISO	Ant1	2452	6.74	30	4.18	36	PASS
11N40SISO	Ant2	2452	6.97	30	-0.2	36	PASS
11N40MIMO	Ant1	2422	7.61	30	5.05	36	PASS
11N40MIMO	Ant2	2422	7.54	30	0.37	36	PASS
11N40MIMO	SUM	2422	10.59	30	6.32	36	PASS
11N40MIMO	Ant1	2427	16.14	30	13.58	36	PASS
11N40MIMO	Ant2	2427	15.59	30	8.42	36	PASS
11N40MIMO	SUM	2427	18.88	30	14.74	36	PASS
11N40MIMO	Ant1	2437	16.05	30	13.49	36	PASS
11N40MIMO	Ant2	2437	15.68	30	8.51	36	PASS
11N40MIMO	SUM	2437	18.88	30	14.69	36	PASS
11N40MIMO	Ant1	2452	6.83	30	4.27	36	PASS
11N40MIMO	Ant2	2452	6.54	30	-0.63	36	PASS
11N40MIMO	SUM	2452	9.70	30	5.49	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_2462





1.8 11B_Ant2_2462

