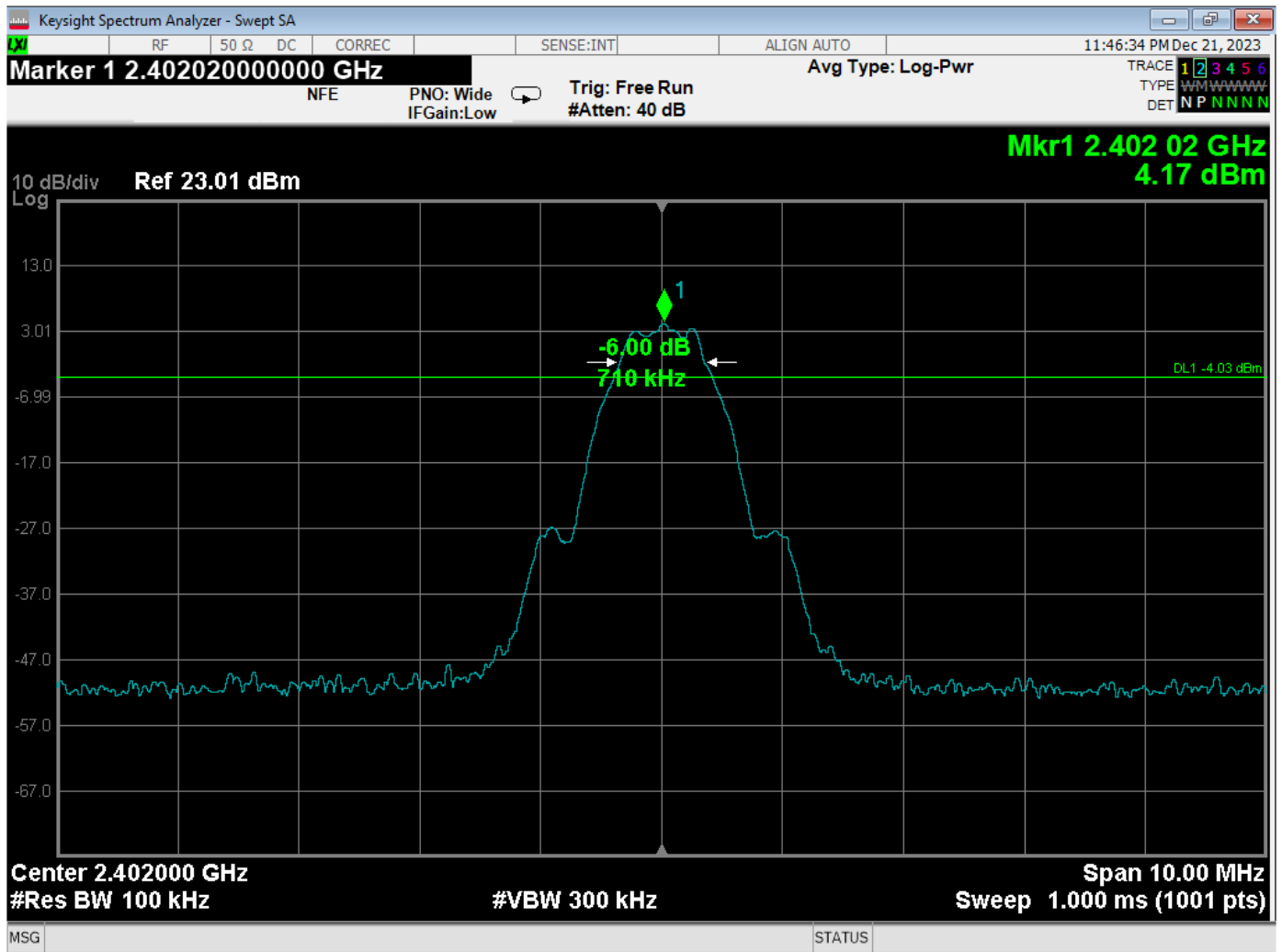
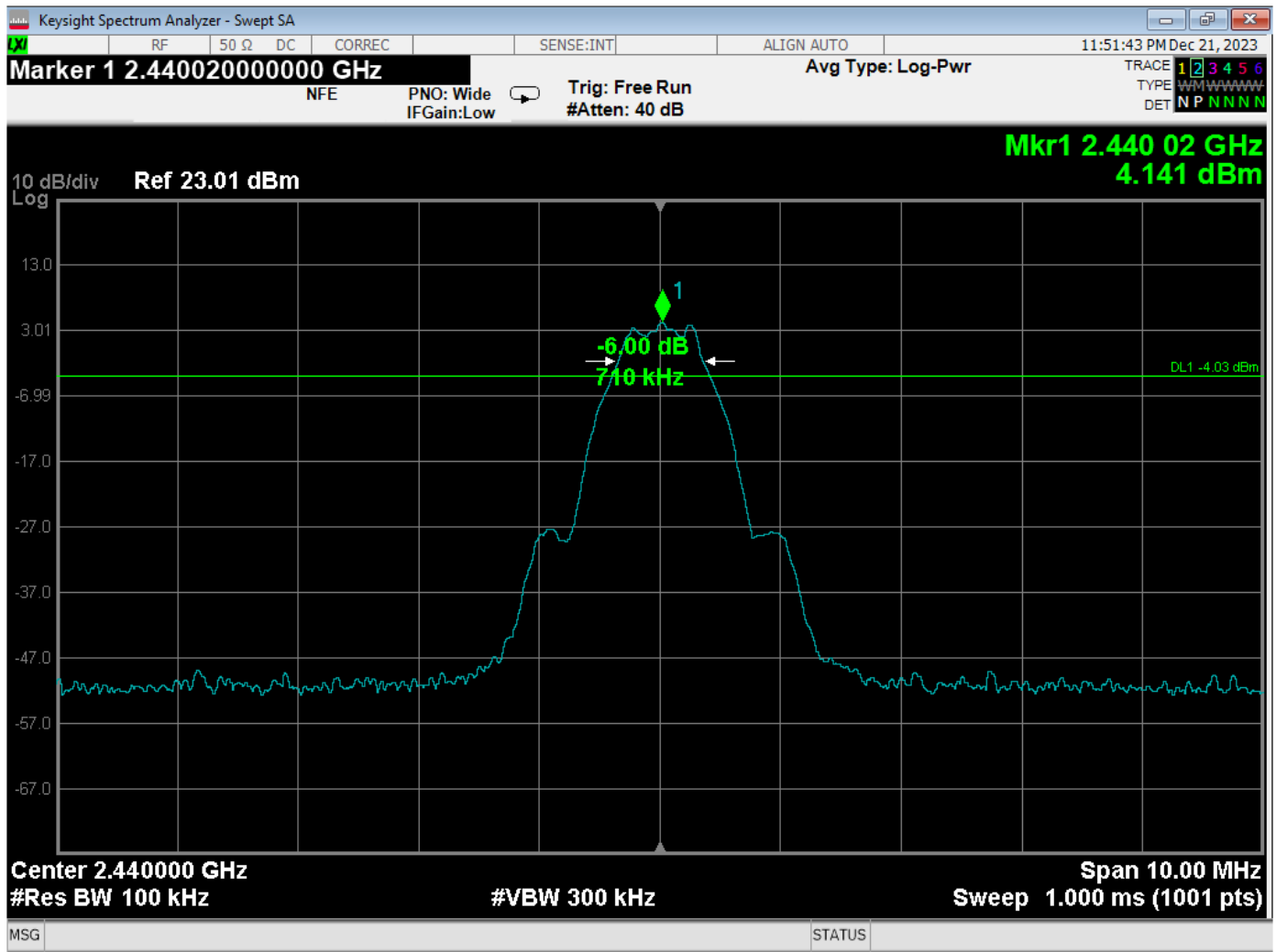




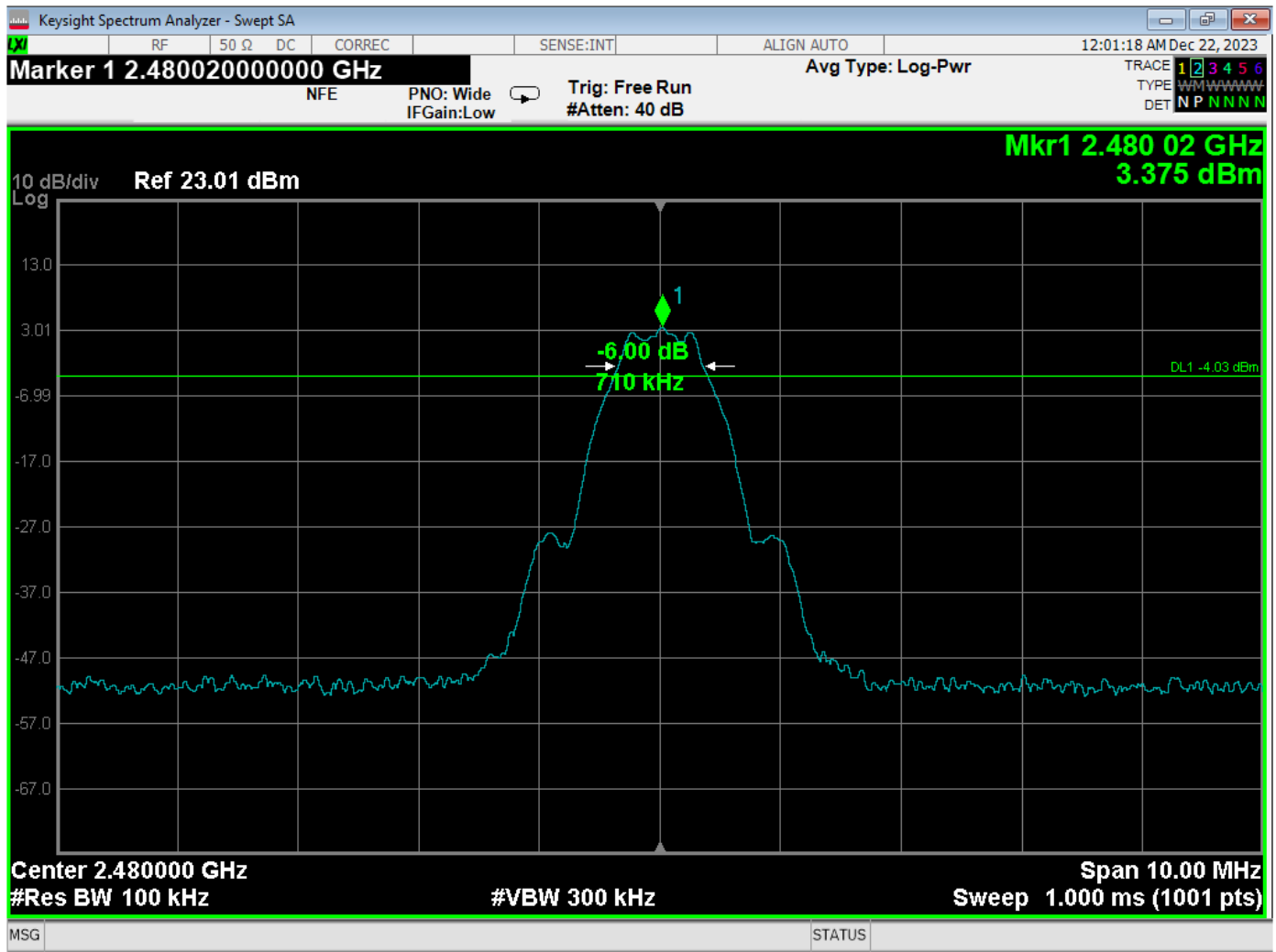
***-6 dB BANDWIDTH  
DATA SHEETS***



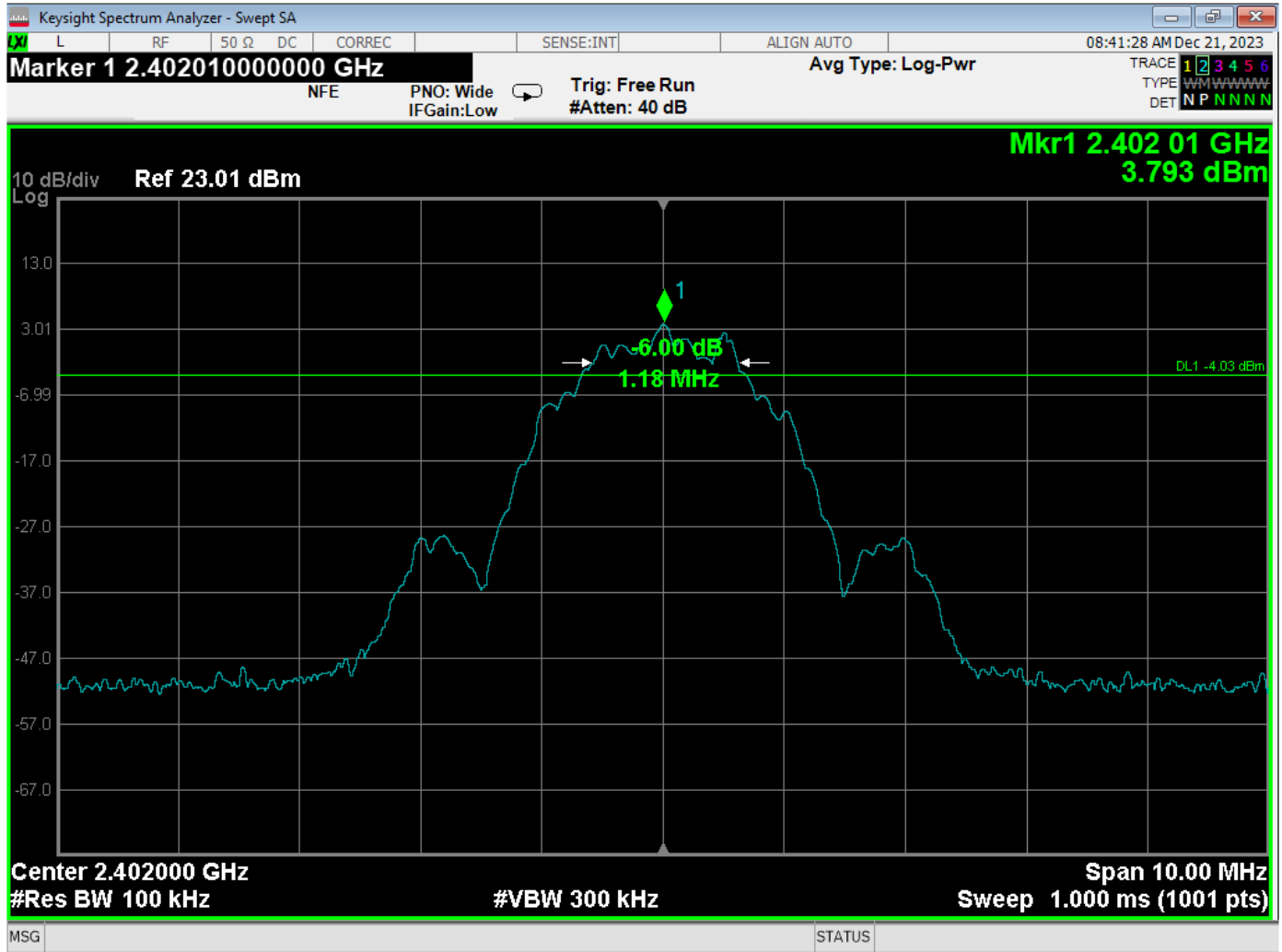
-6 dB Bandwidth – Low Channel – BLE Mode – 1 Mbit



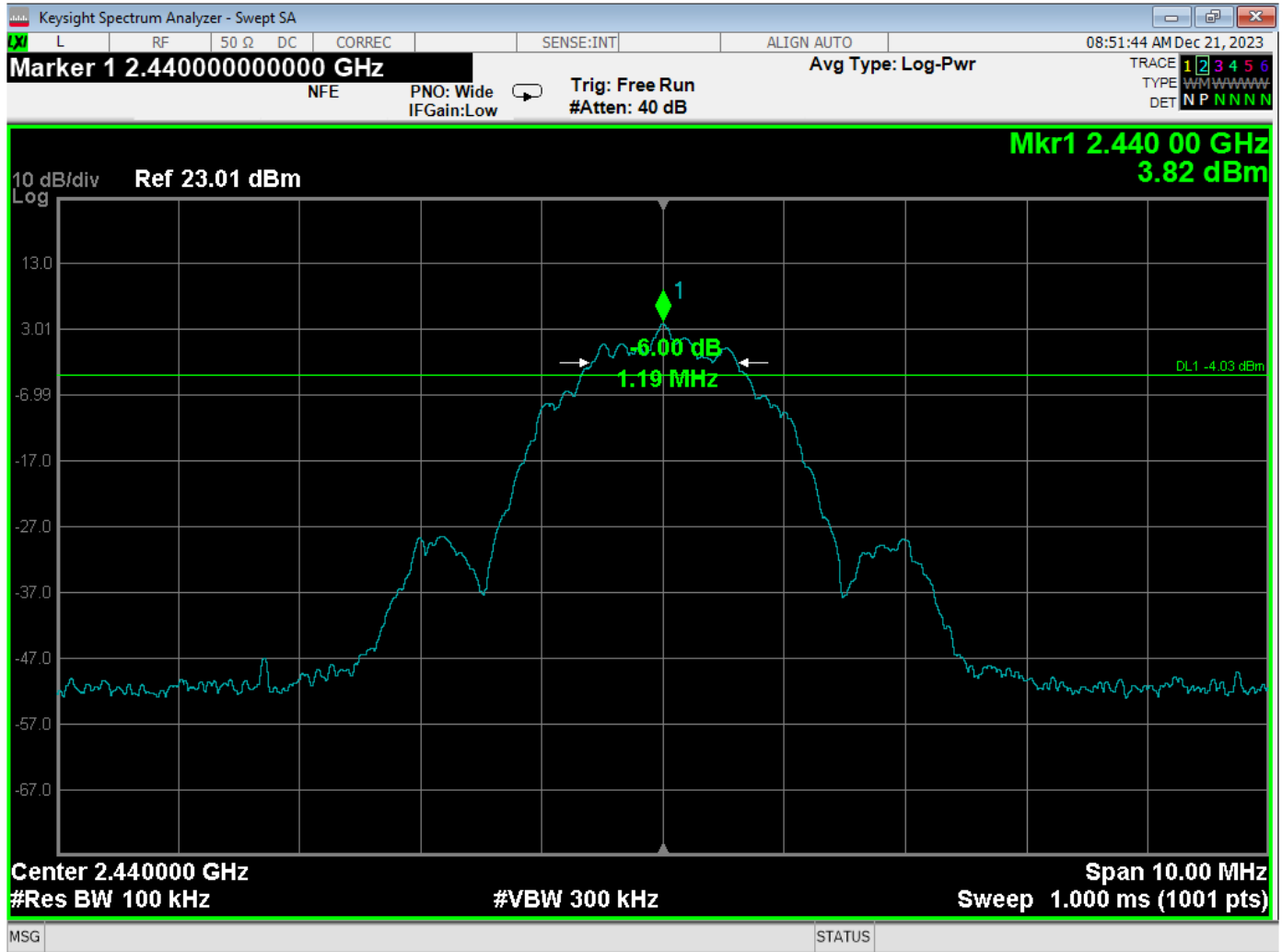
-6 dB Bandwidth – Middle Channel – BLE Mode – 1 Mbit



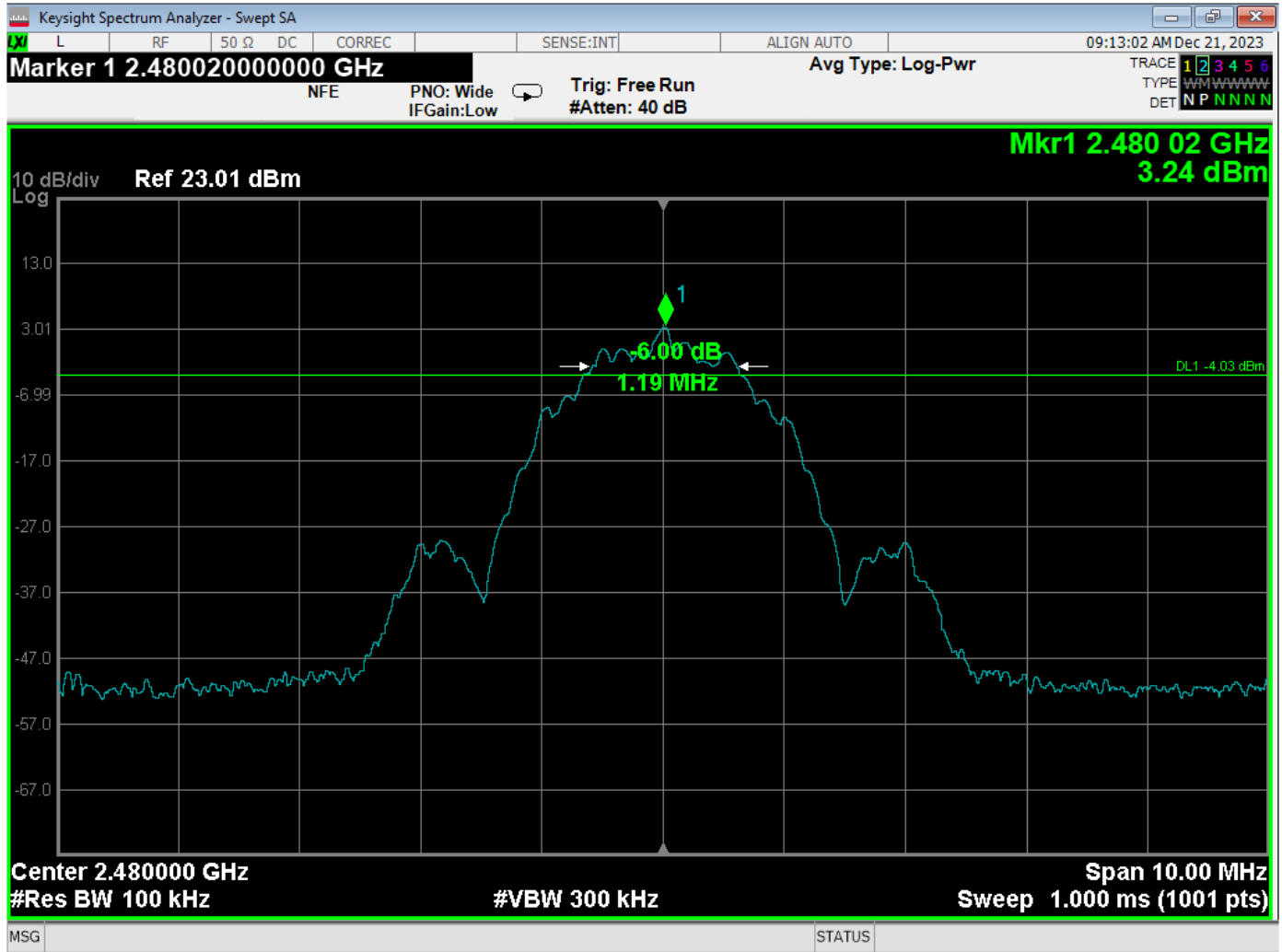
-6 dB Bandwidth – High Channel – BLE Mode – 1 Mbit



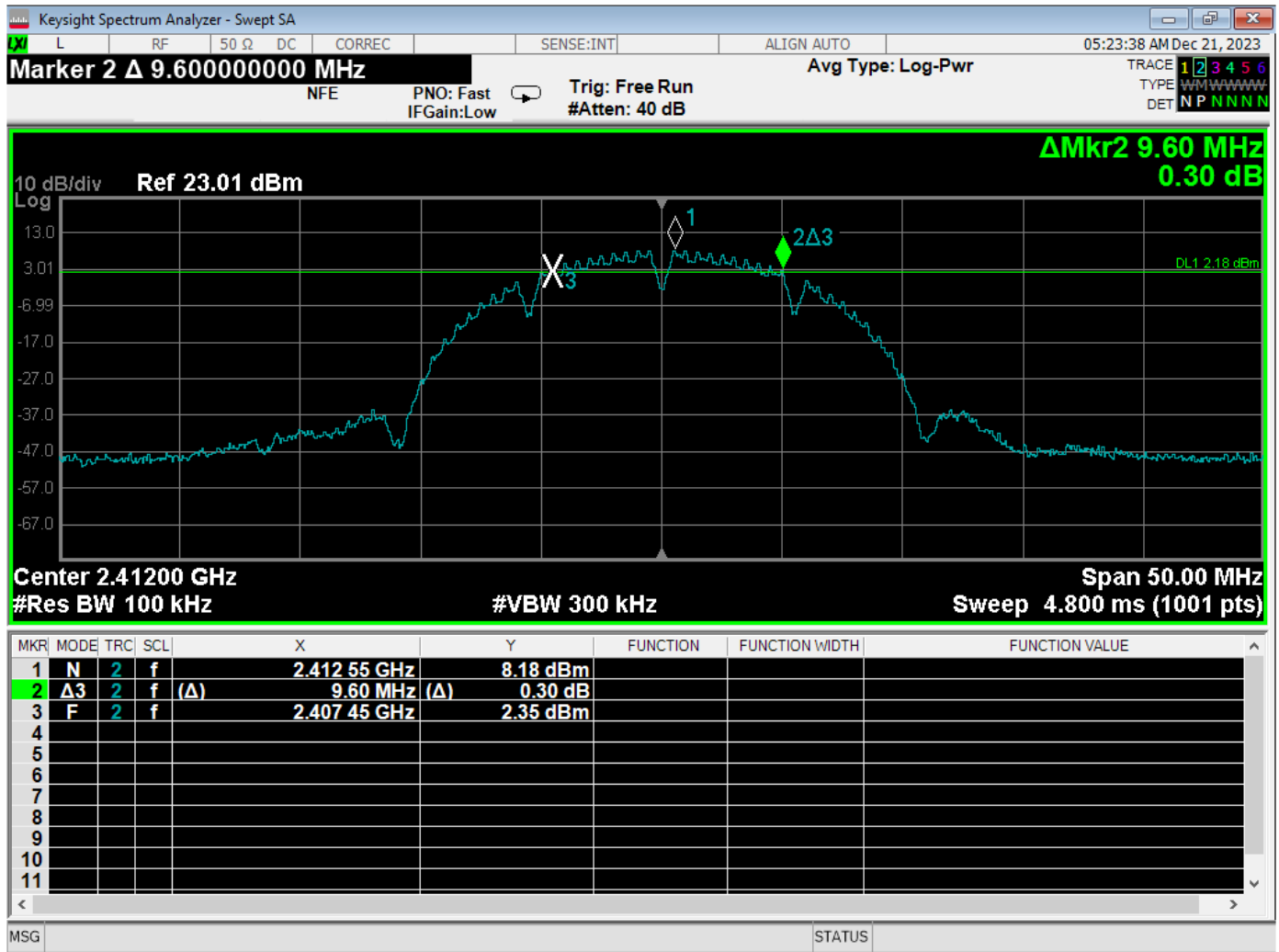
-6 dB Bandwidth – Low Channel – BLE Mode – 2 Mbit



-6 dB Bandwidth – Middle Channel – BLE Mode – 2 Mbit

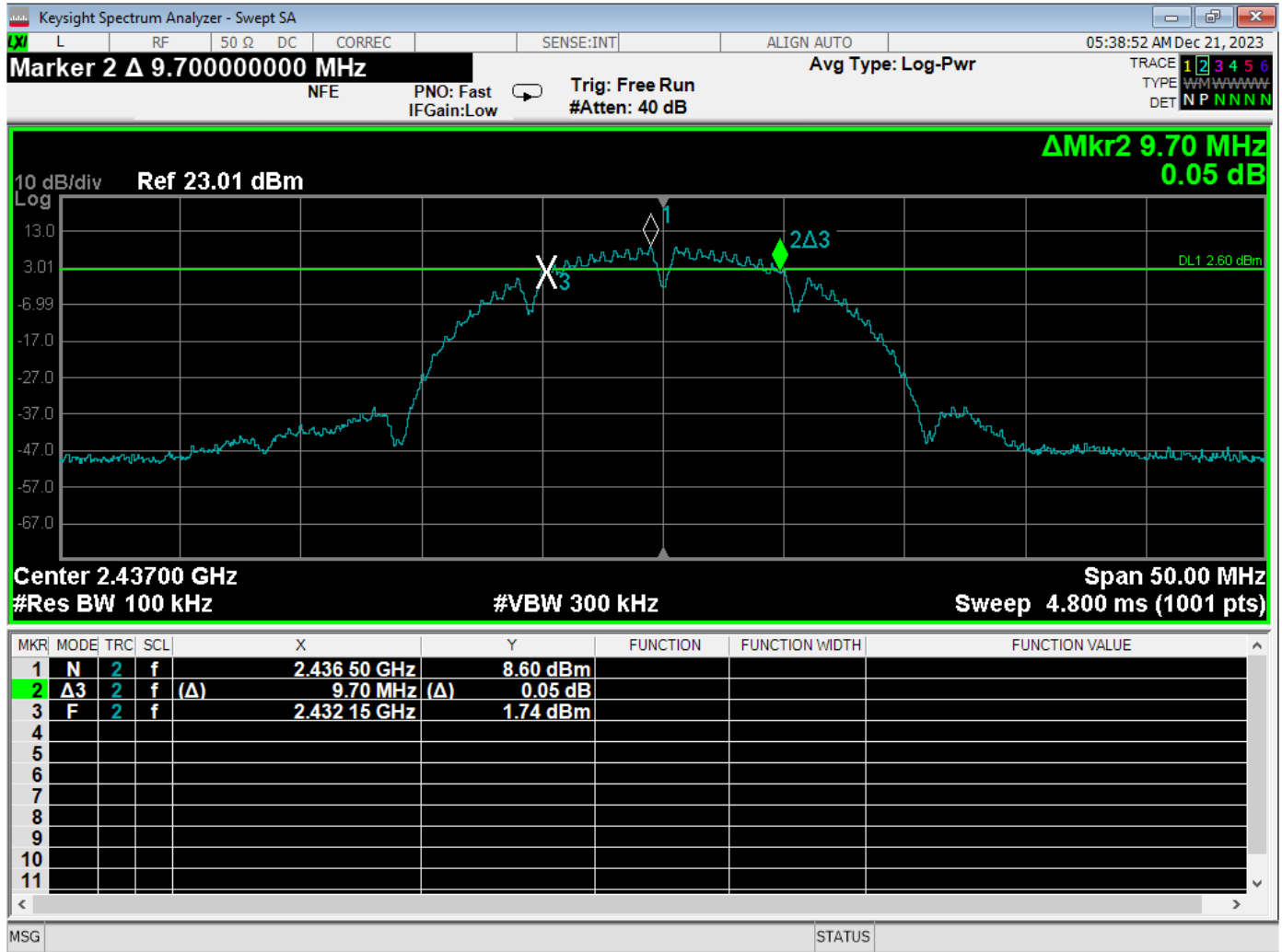


-6 dB Bandwidth – High Channel – BLE Mode – 2 Mbit

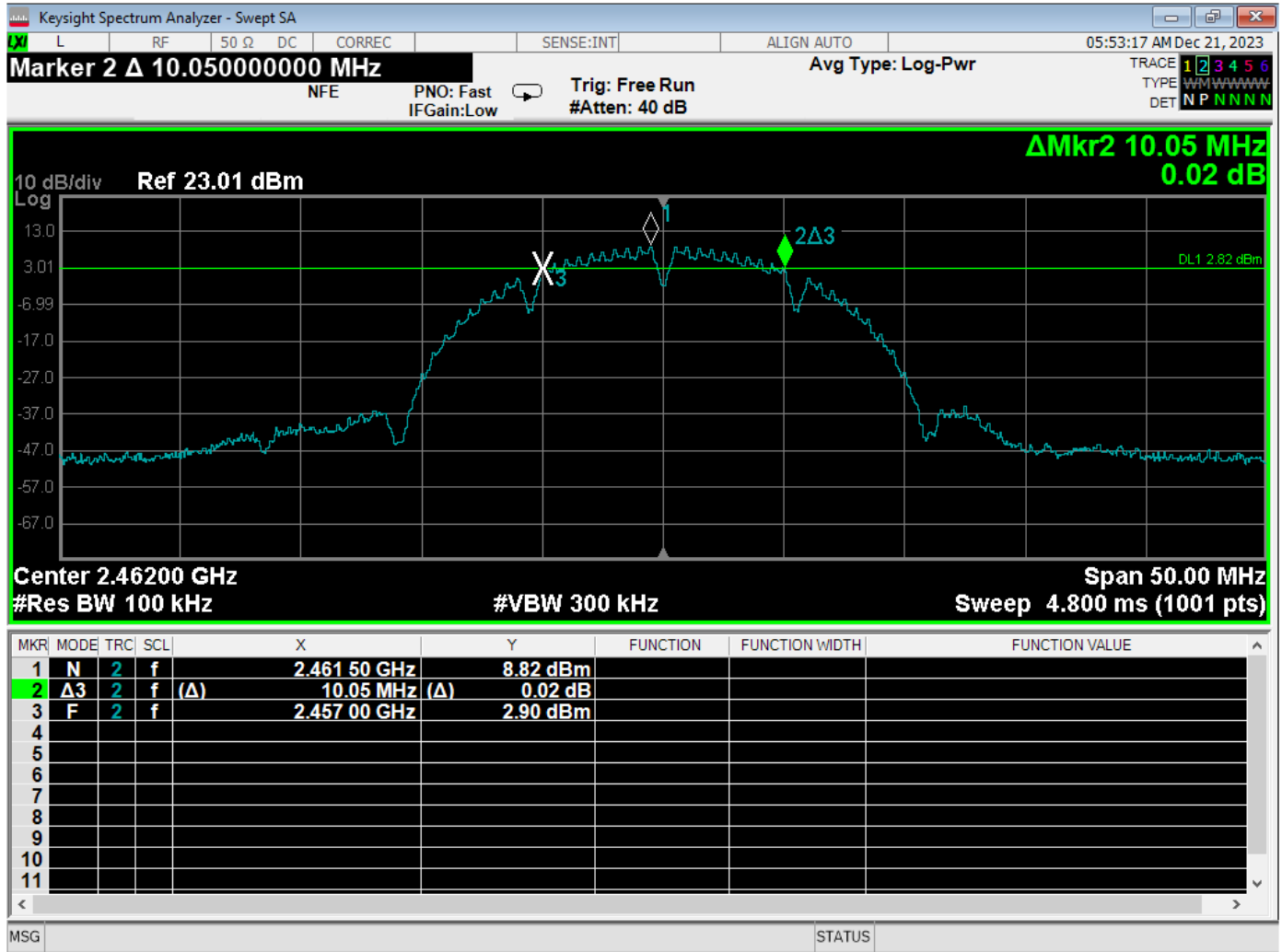


-6 dB Bandwidth – Low Channel – 802.11b Mode

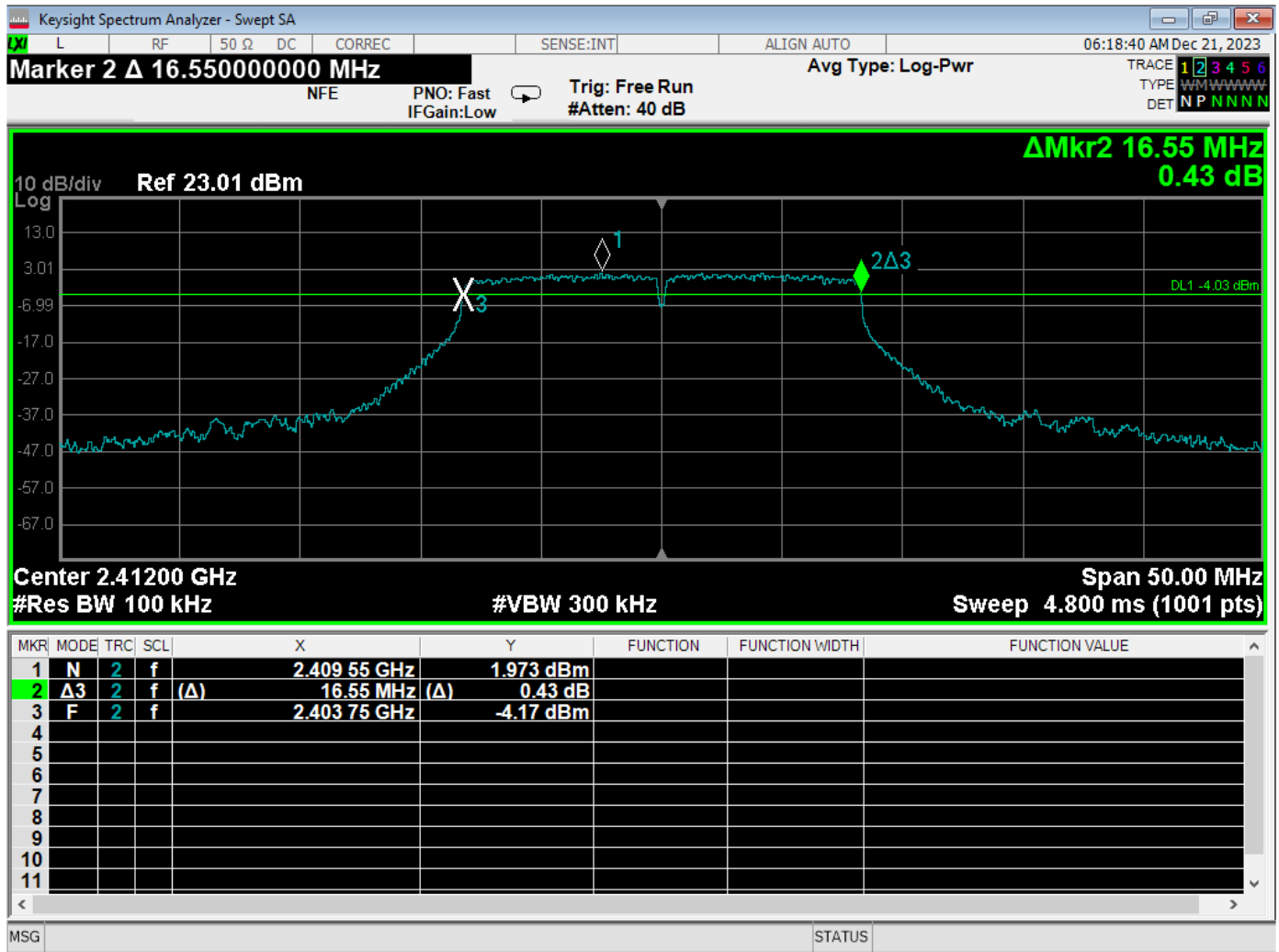




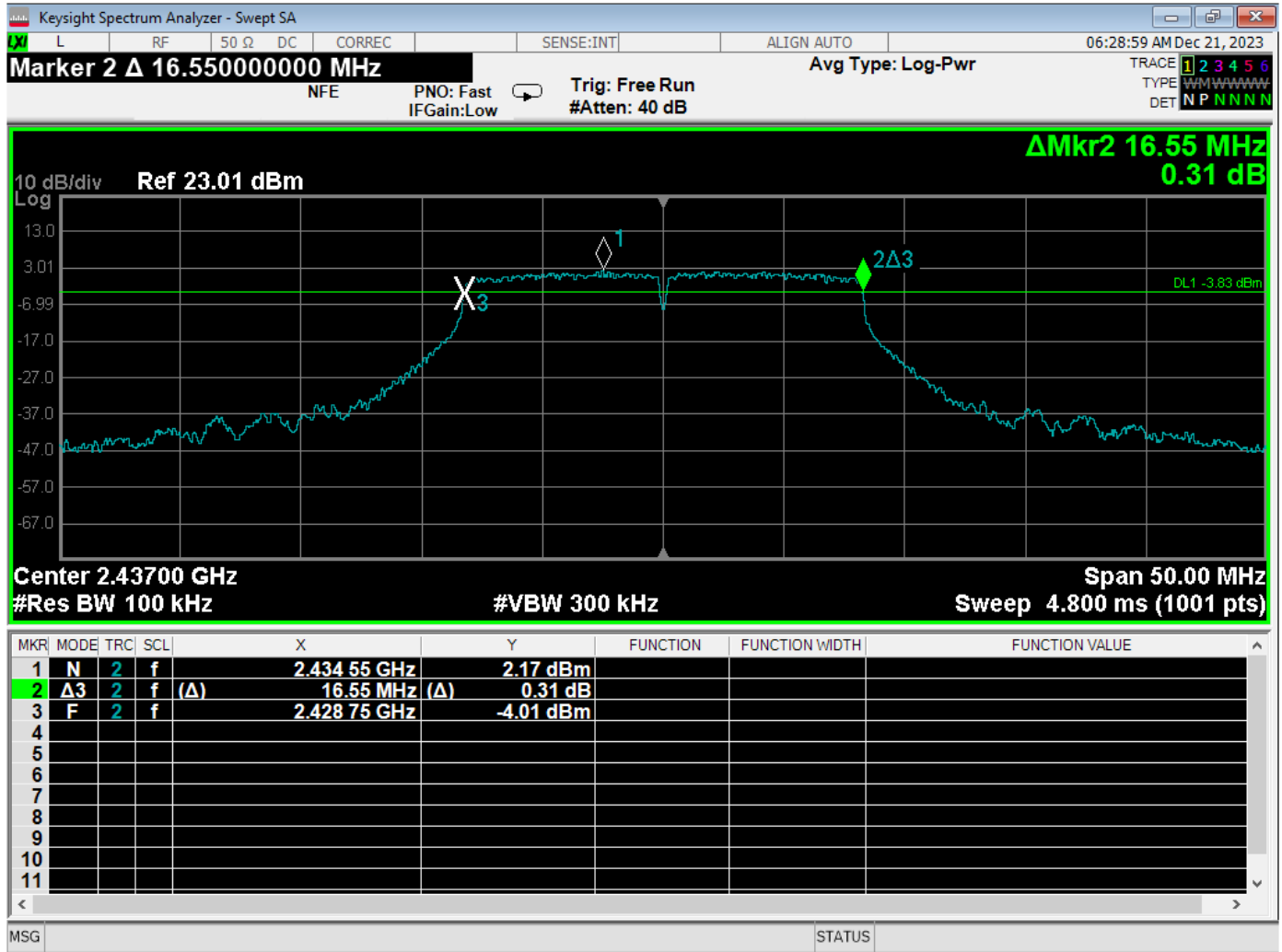
-6 dB Bandwidth – Middle Channel – 802.11b Mode



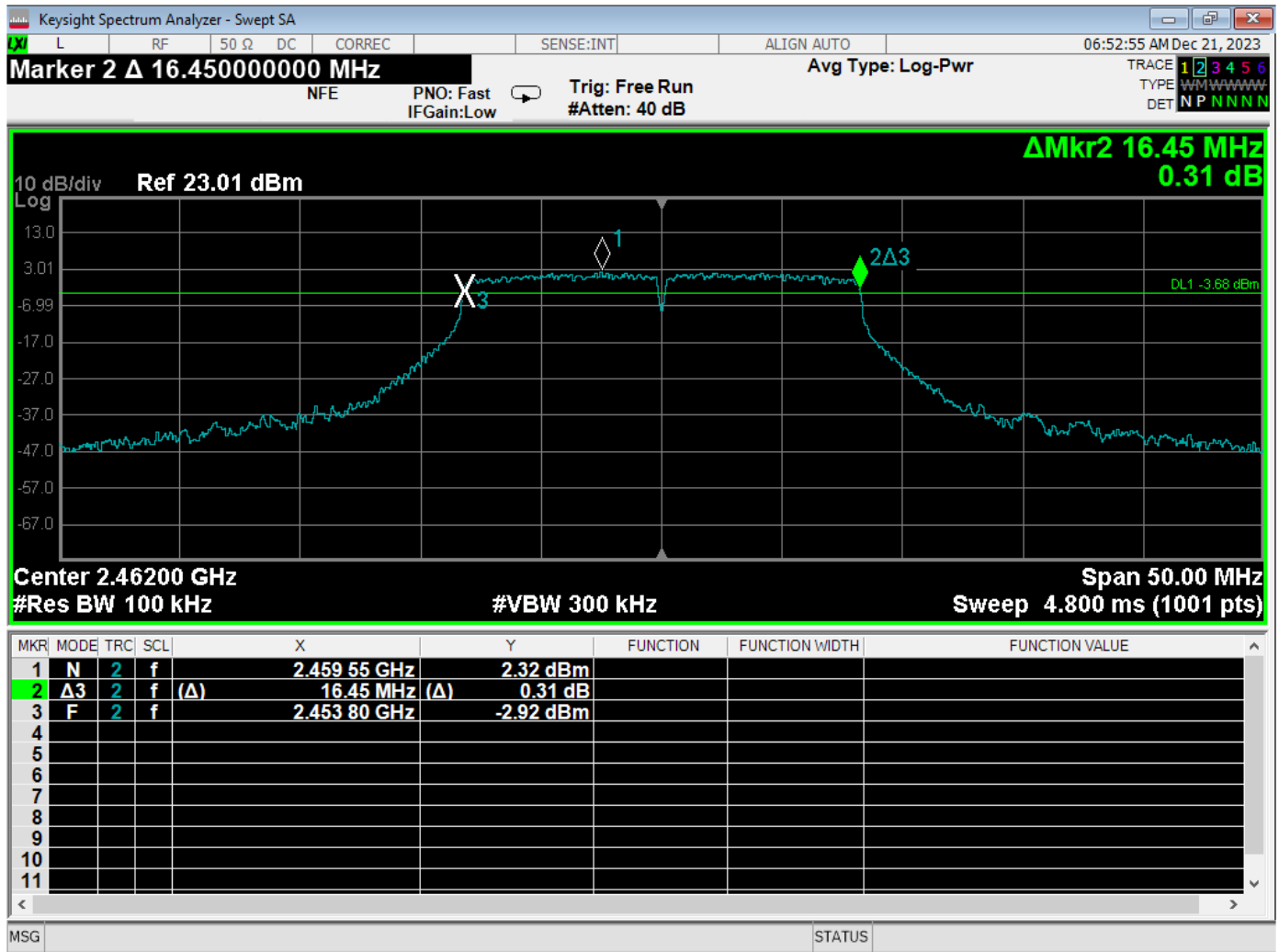
-6 dB Bandwidth – High Channel – 802.11b Mode



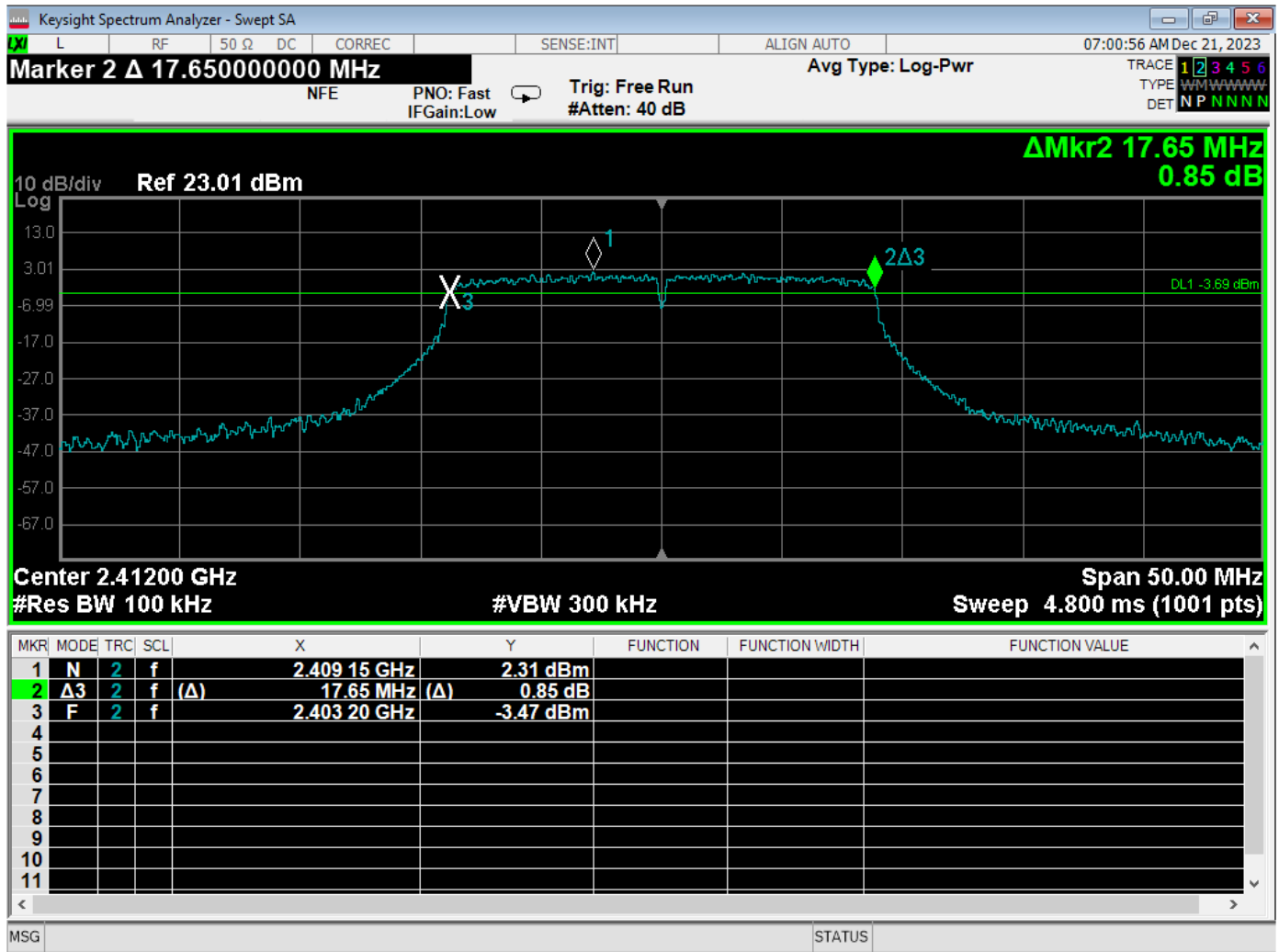
-6 dB Bandwidth – Low Channel – 802.11g Mode



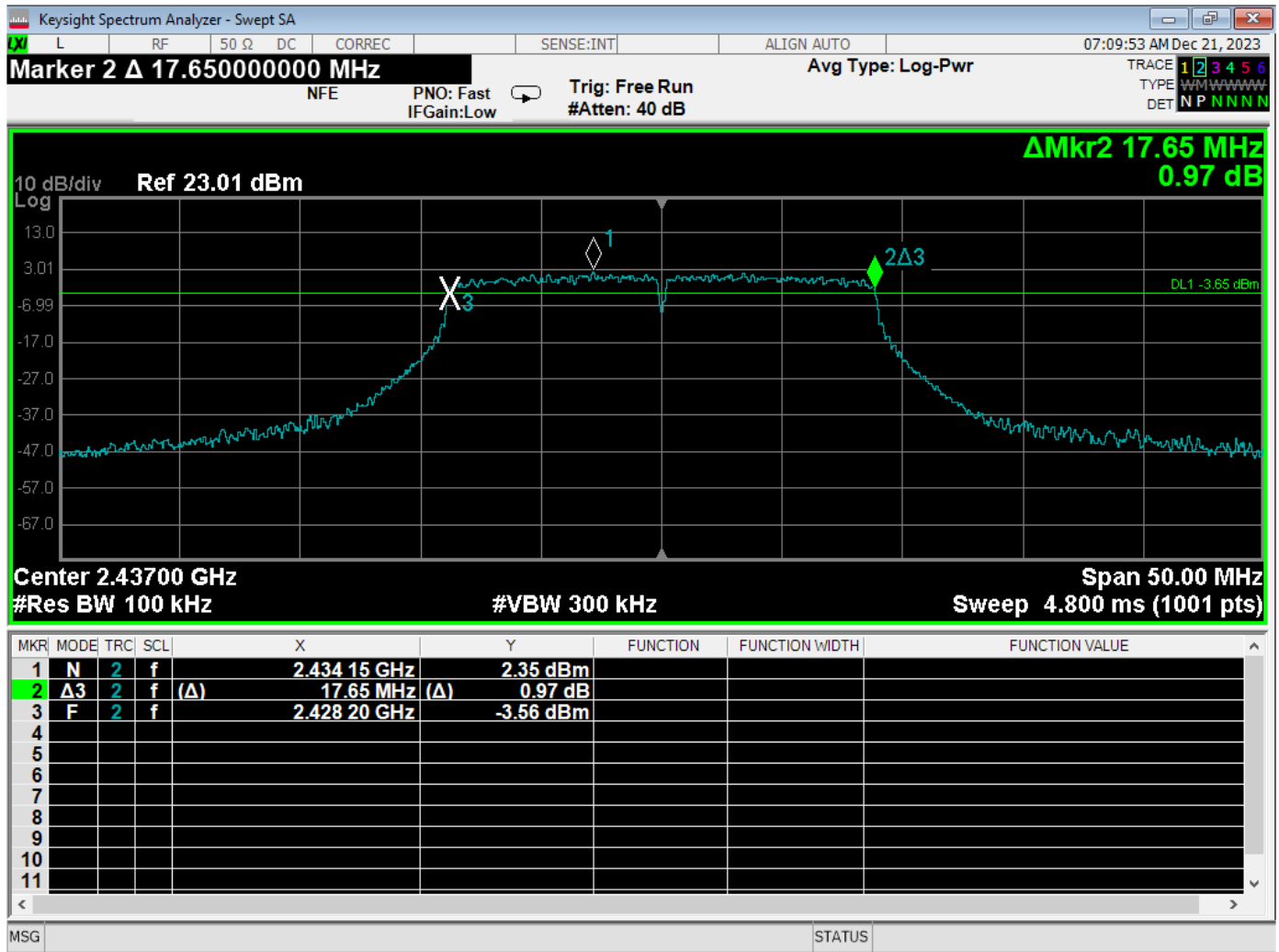
-6 dB Bandwidth – Middle Channel – 802.11g Mode



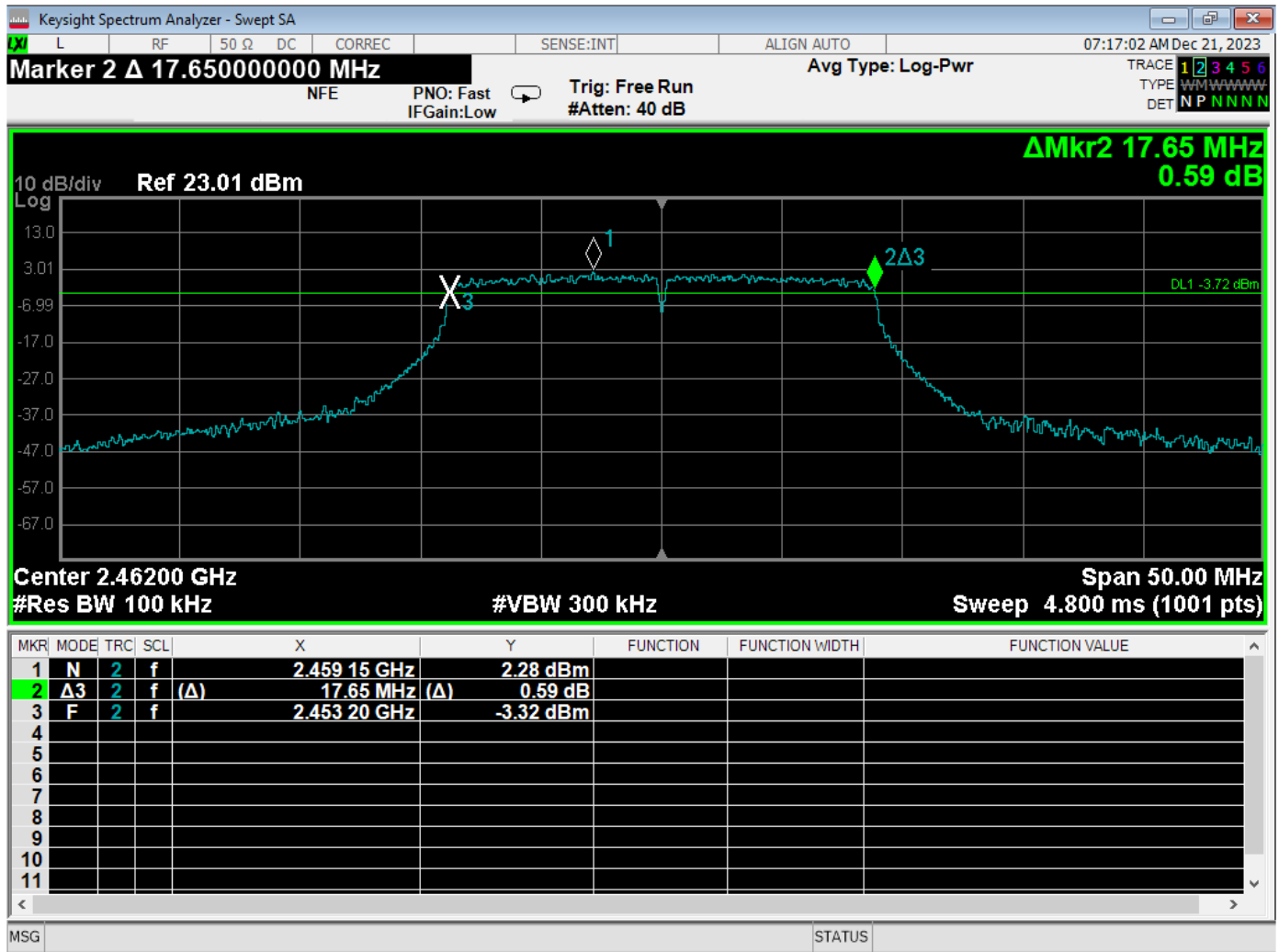
-6 dB Bandwidth – High Channel – 802.11g Mode



-6 dB Bandwidth – Low Channel – 802.11n Mode – 20 MHz



-6 dB Bandwidth – Middle Channel – 802.11n Mode – 20 MHz

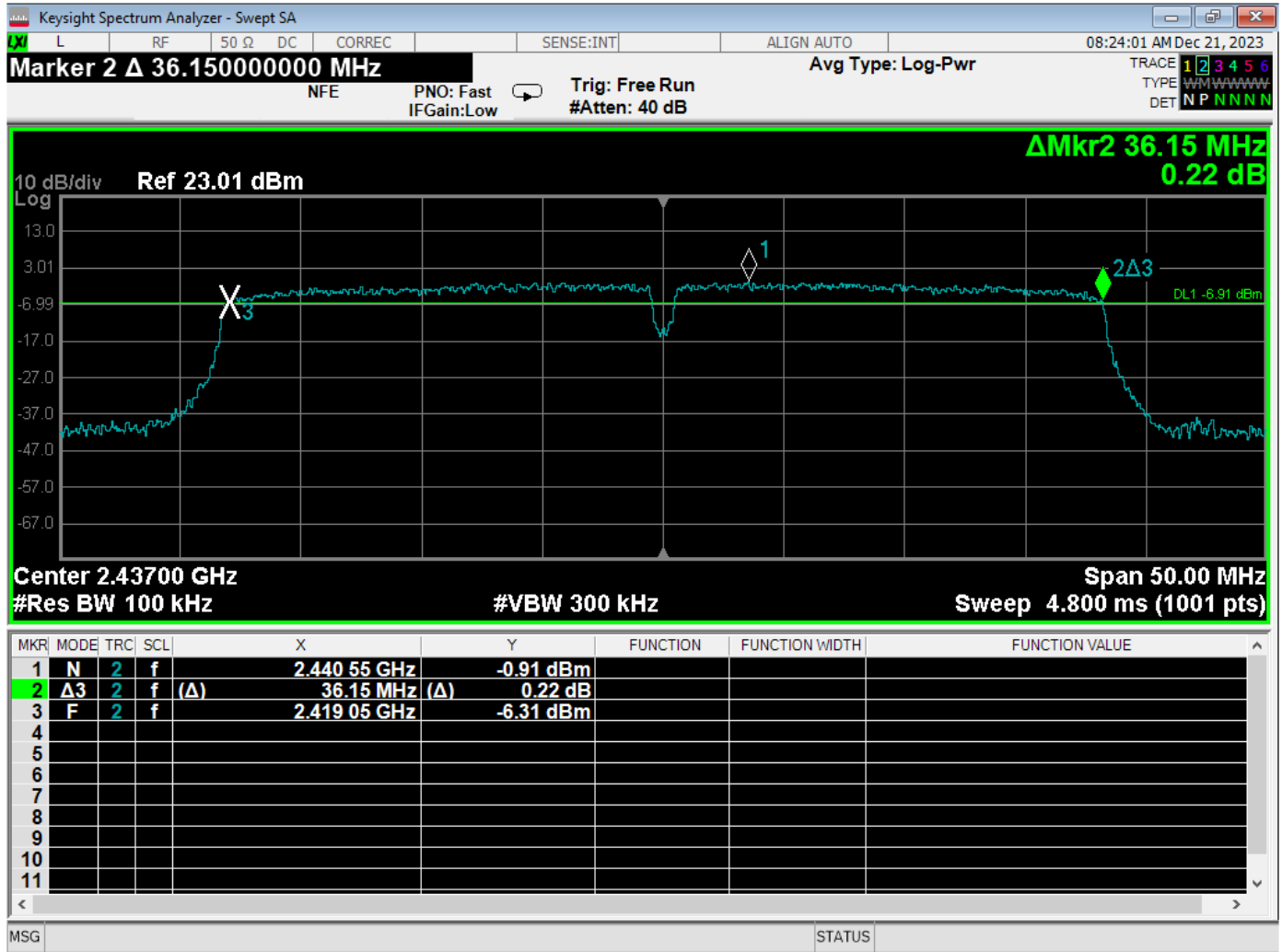


-6 dB Bandwidth – High Channel – 802.11n Mode – 20 MHz

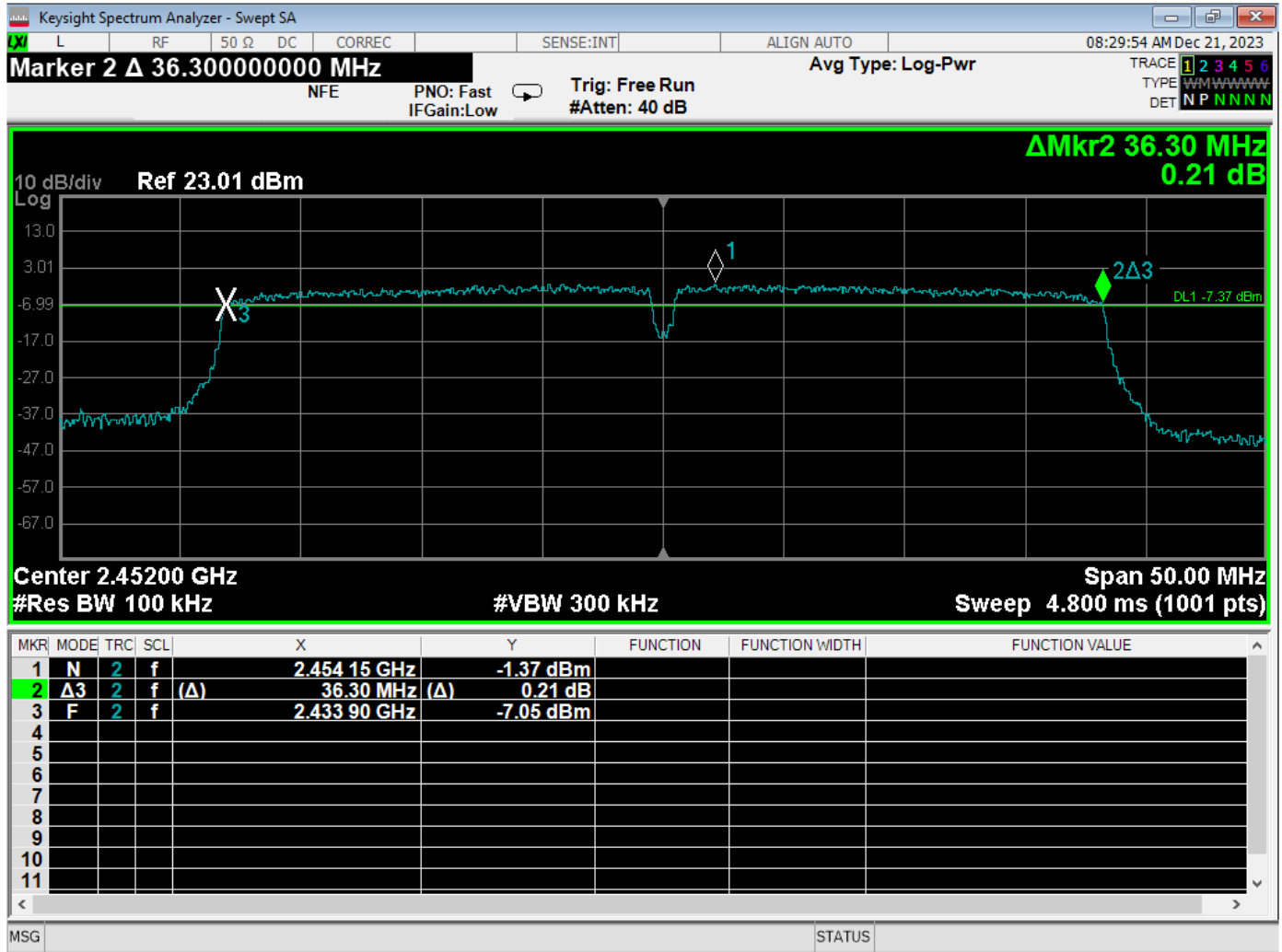




-6 dB Bandwidth – Low Channel – 802.11n Mode – 40 MHz



-6 dB Bandwidth – Middle Channel – 802.11n Mode – 40 MHz



-6 dB Bandwidth – High Channel – 802.11n Mode – 40 MHz



***PEAK POWER OUTPUT  
DATA SHEETS***

## PEAK OUTPUT POWER

### Carrier Entry Level and ICP Thermostat 2024 Model: TSTATCCEWF-01

FREQUENCY (MHz)	PROTOCOL	DATA RATE	POWER LEVEL	PEAK POWER (dBm)	LIMIT (dB)	MARGIN (dBm)
2402	BLE	1 Mbit	0X23	4.180	30.00	-25.820
2440	BLE	1 Mbit	0X23	4.230	30.00	-25.770
2480	BLE	1 Mbit	0X23	3.528	30.00	-26.472
2402	BLE	2 Mbit	0X23	4.374	30.00	-25.626
2440	BLE	2 Mbit	0X23	4.345	30.00	-25.655
2480	BLE	2 Mbit	0X23	3.630	30.00	-26.370
2412	802.11b	1 – CCK	102	18.040	30.00	-11.960
2437	802.11b	1 – CCK	102	18.410	30.00	-11.590
2462	802.11b	1 – CCK	102	18.600	30.00	-11.400
2412	802.11g	6 - OFDM	92	16.050	30.00	-13.950
2437	802.11g	6 - OFDM	92	16.270	30.00	-13.730
2462	802.11g	6 - OFDM	92	16.870	30.00	-13.130
2412	802.11n (20 MHz)	MCS0	92	16.280	30.00	-13.720
2437	802.11n (20 MHz)	MCS0	92	16.330	30.00	-13.670
2462	802.11n (20 MHz)	MCS0	88	16.070	30.00	-13.930
2422	802.11n (40 MHz)	MCS0	92	15.970	30.00	-14.030
2437	802.11n (40 MHz)	MCS0	92	15.940	30.00	-14.060
2452	802.11n (40 MHz)	MCS0	88	15.190	30.00	-14.810