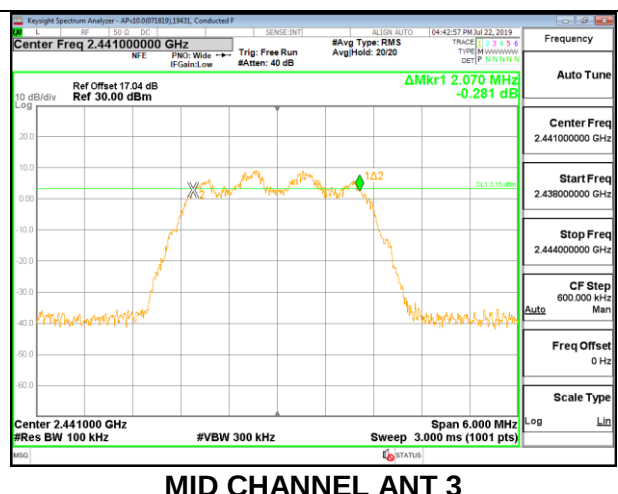
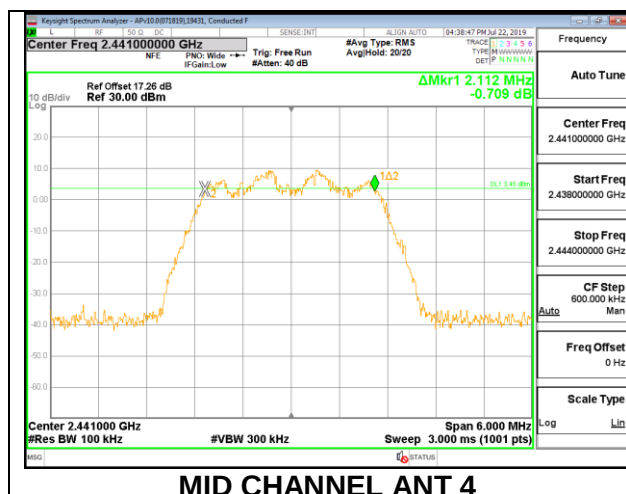
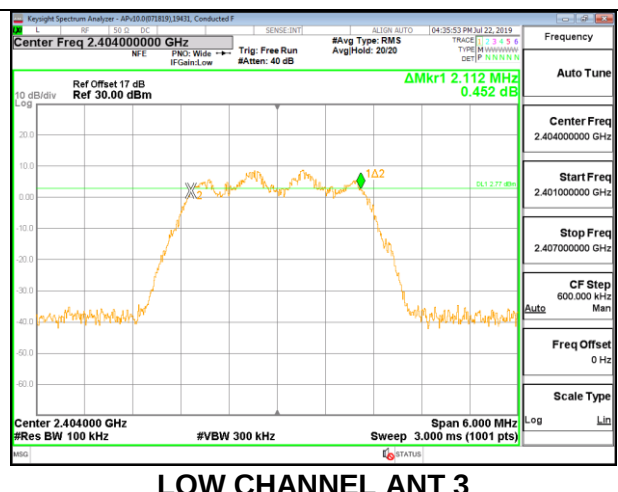
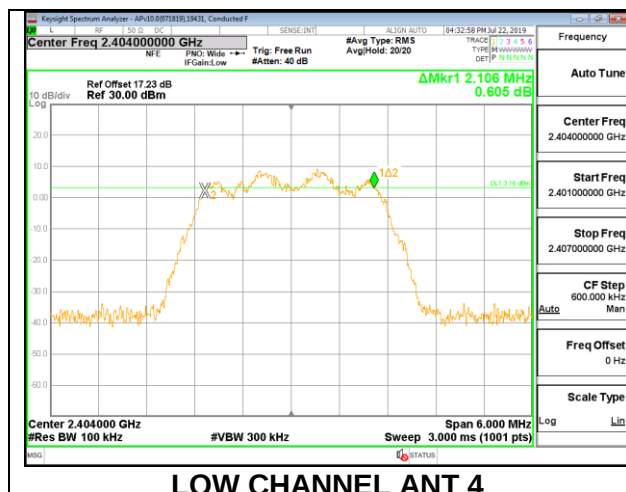
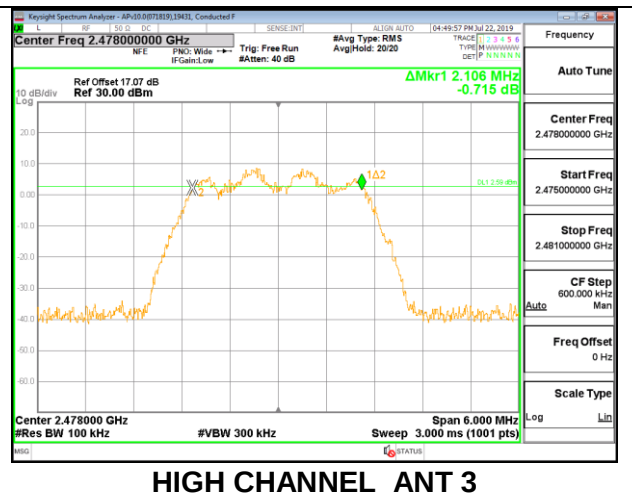
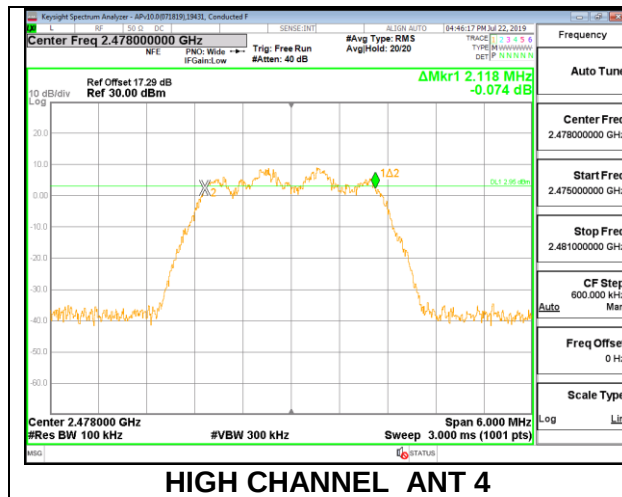


8.11. BEAMFORMING, 6dB BANDWIDTH

8.11.1. HDR4, HIGH POWER BLE

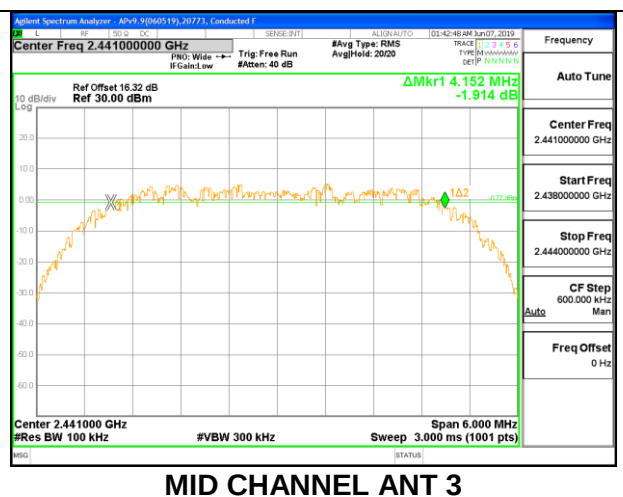
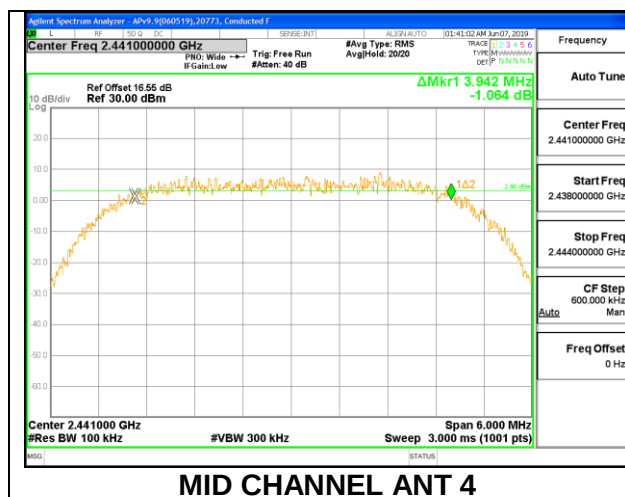
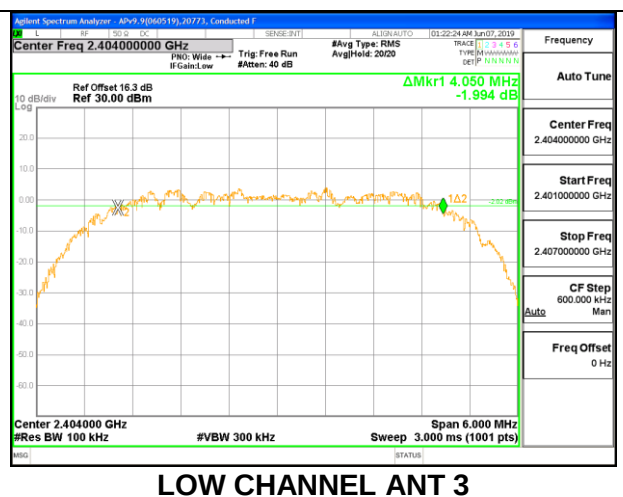
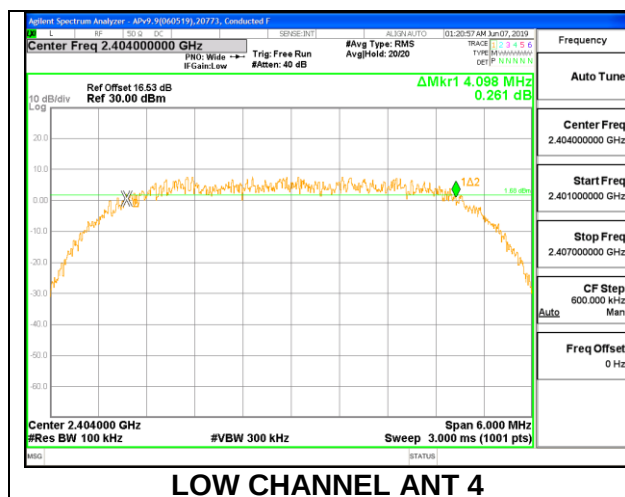
Channel	Frequency	6dB Bandwidth ANT 4 (MHz)	6dB Bandwidth ANT 3 (MHz)
Low	2404	2.106	2.112
Mid	2441	2.112	2.070
High	2478	2.118	2.106





8.11.2. HDR8, HIGH POWER BLE

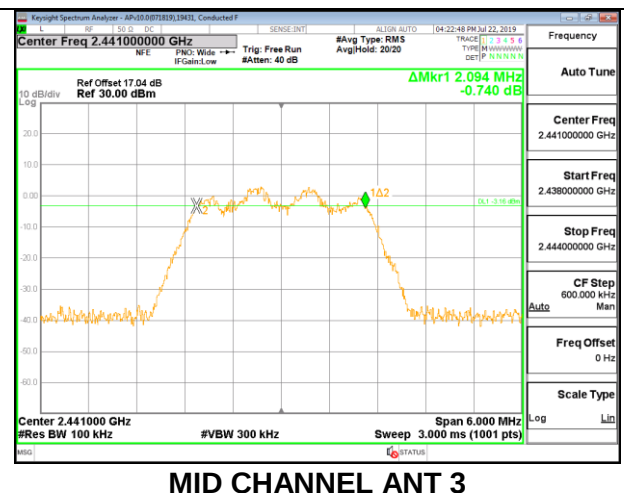
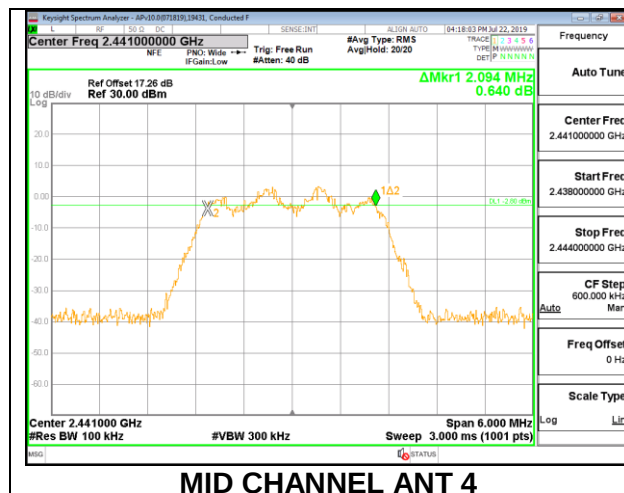
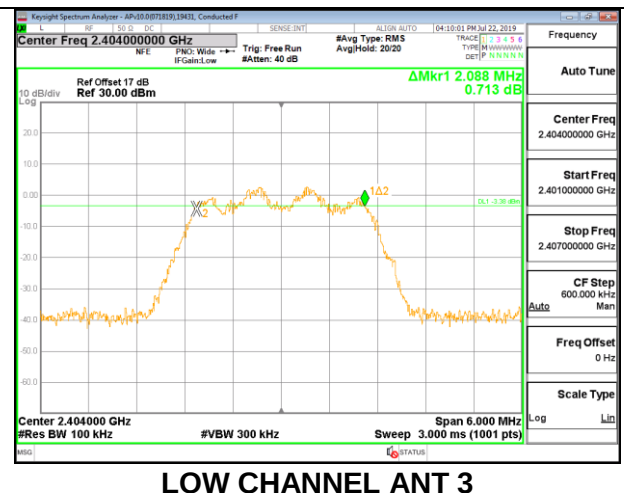
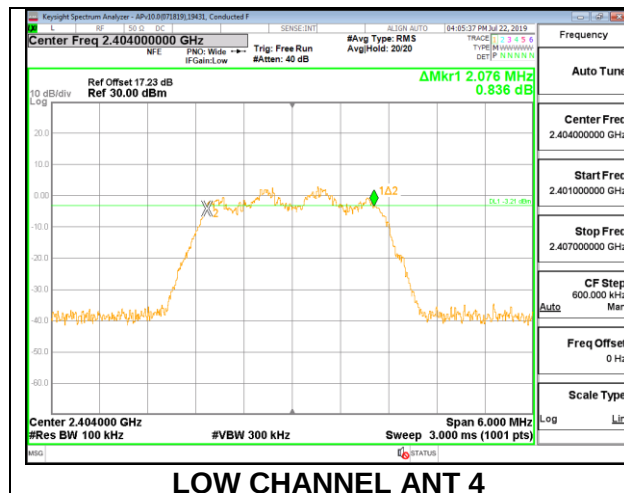
Channel	Frequency (MHz)	6dB Bandwidth ANT 4 (MHz)	6dB Bandwidth ANT 3 (MHz)
Low	2404	4.098	4.050
Mid	2441	3.942	4.152
High	2478	4.098	4.086

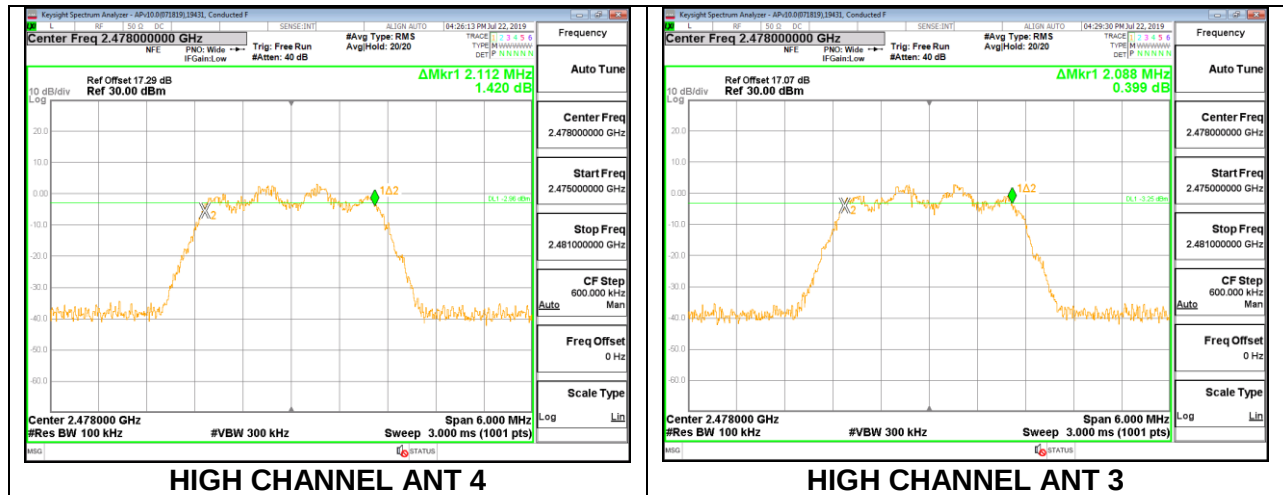




8.11.3. HDR4, LOW POWER BLE

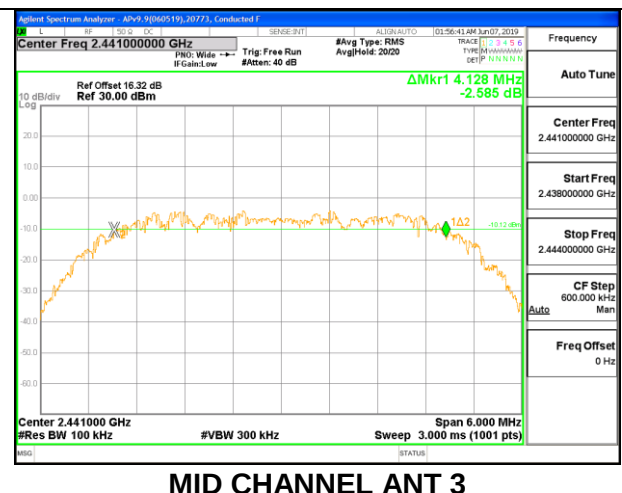
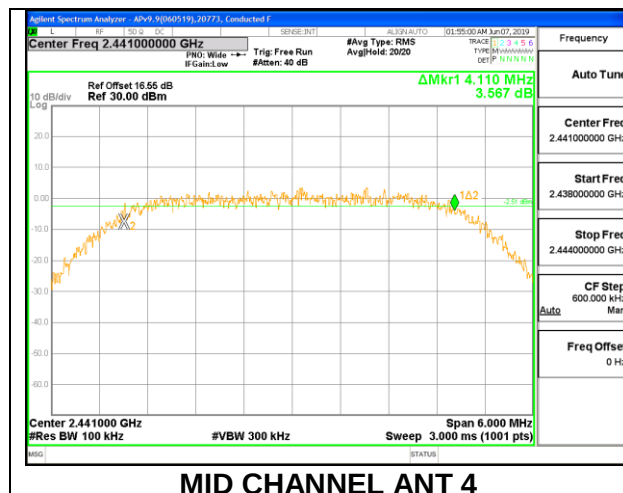
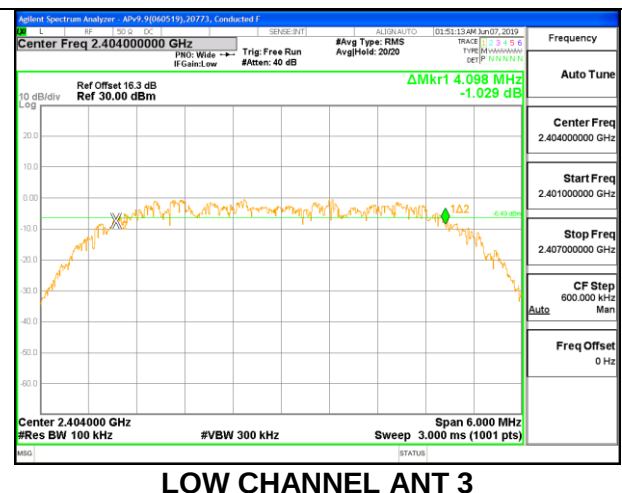
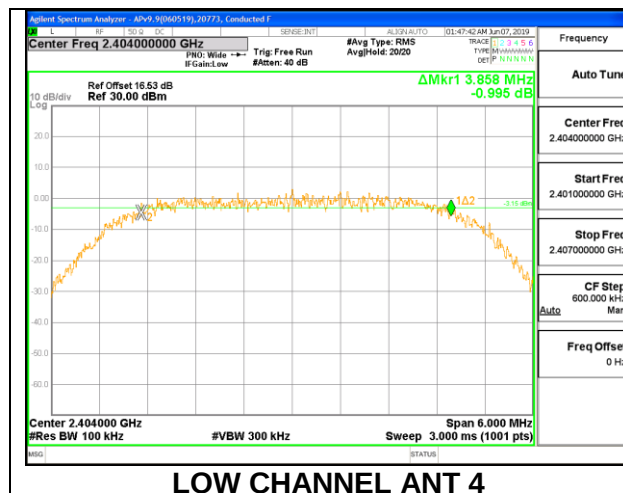
Channel	Frequency (MHz)	6dB Bandwidth ANT 4 (MHz)	6dB Bandwidth ANT 3 (MHz)
Low	2404	2.076	2.088
Mid	2441	2.094	2.094
High	2478	2.112	2.088

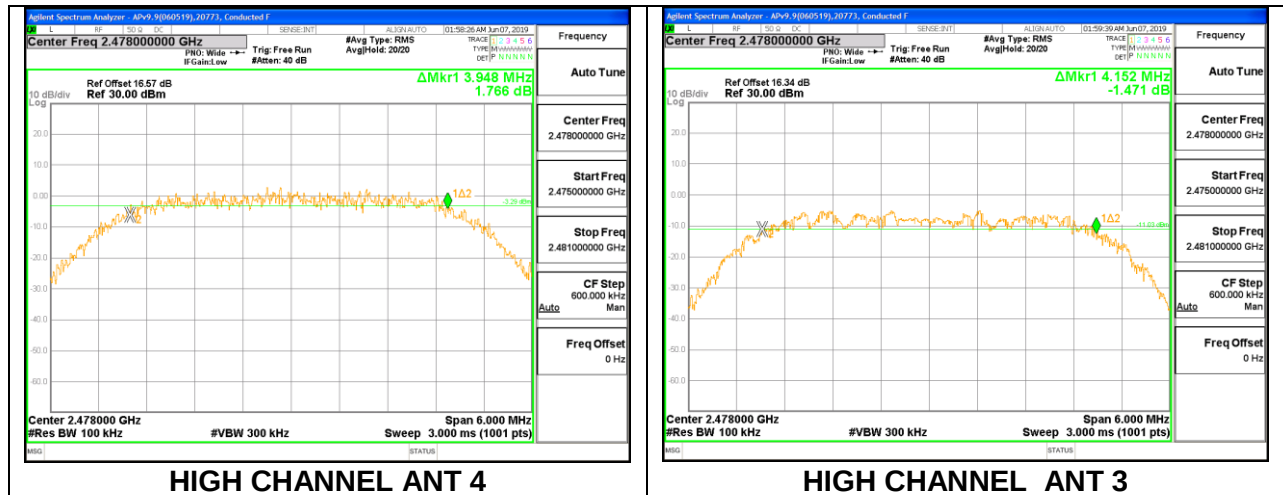




8.11.4. HDR8, LOW POWER BLE

Channel	Frequency (MHz)	6dB Bandwidth ANT 4 (MHz)	6dB Bandwidth ANT 3 (MHz)
Low	2404	3.858	4.098
Mid	2441	4.110	4.128
High	2478	3.948	4.152





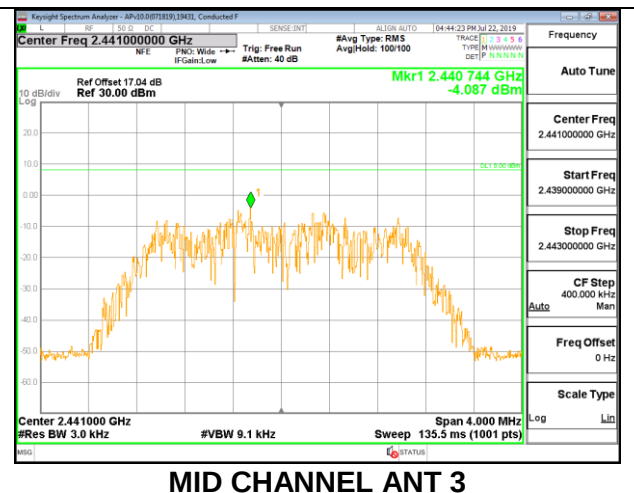
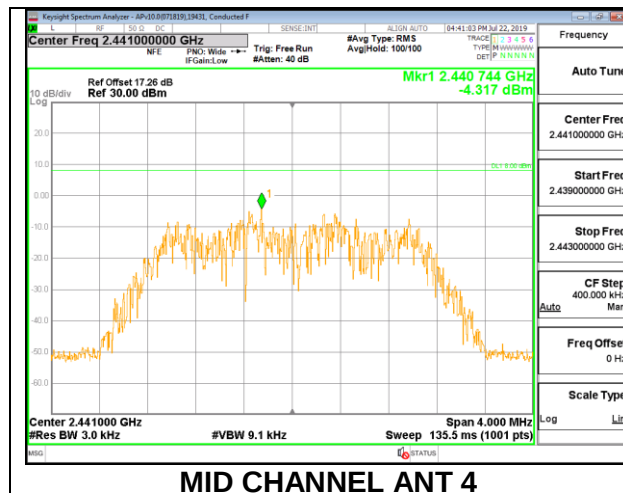
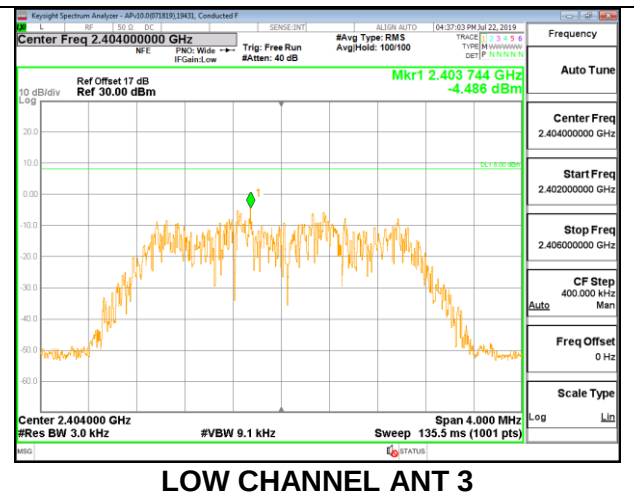
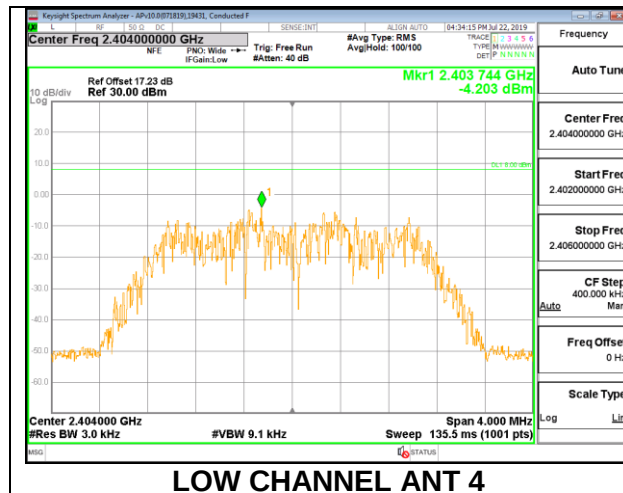
8.12. BEAMFORMING, POWER SPECTRAL DENSITY

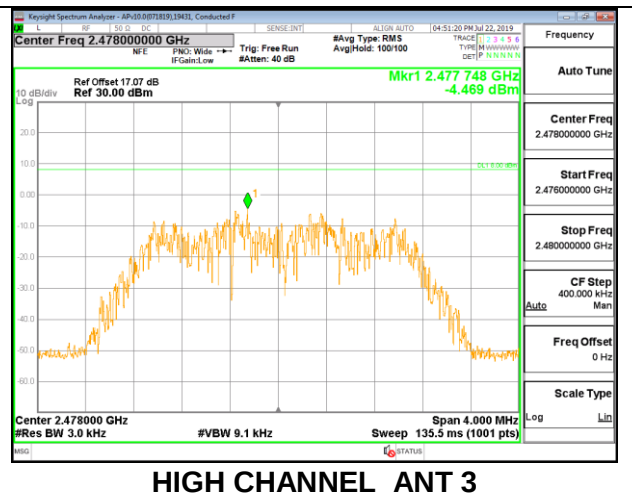
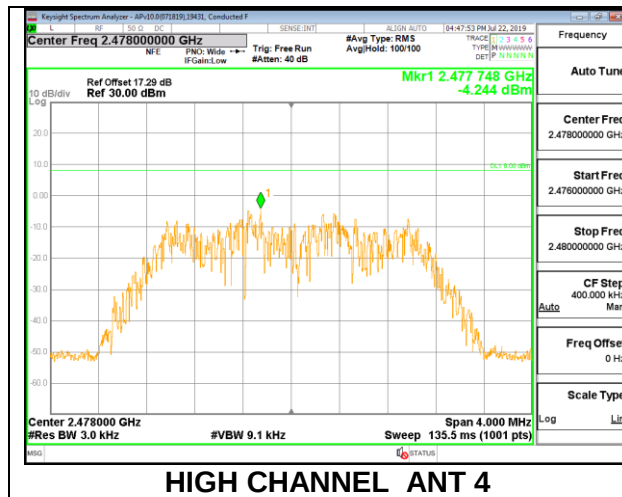
8.12.1. HDR4, HIGH POWER BLE

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

PSD Results

Channel	Frequency (MHz)	ANT 4 Meas (dBm/ 3kHz)	ANT 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low	2404	-4.203	-4.486	-1.33	8.0	-9.3
Mid	2441	-4.317	-4.087	-1.19	8.0	-9.2
Hjigh	2478	-4.244	-4.469	-1.34	8.0	-9.3



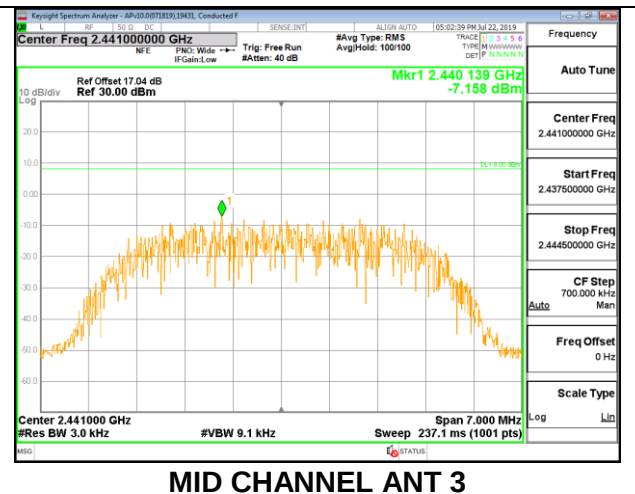
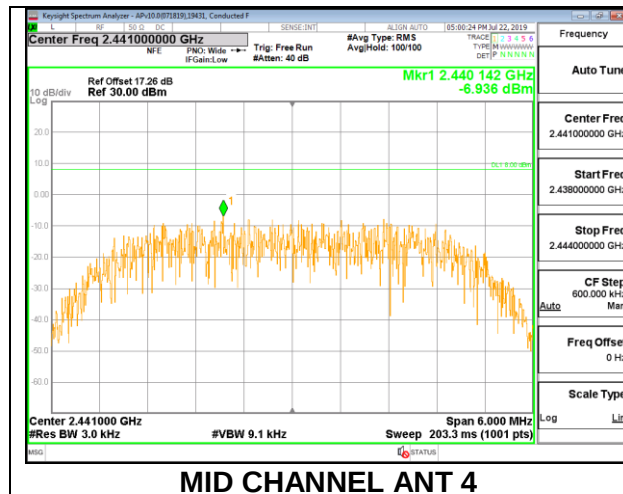
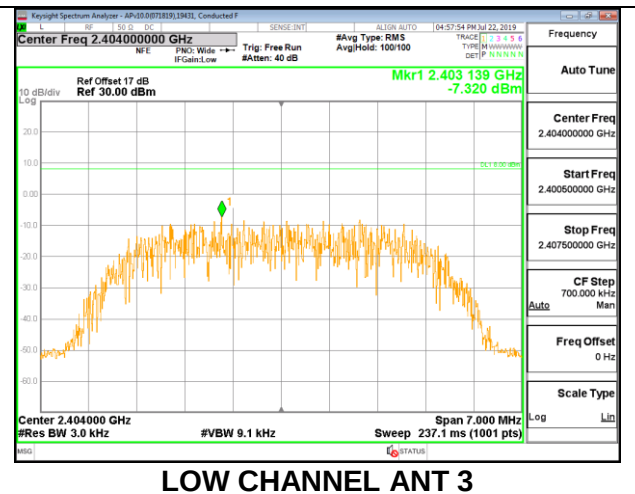
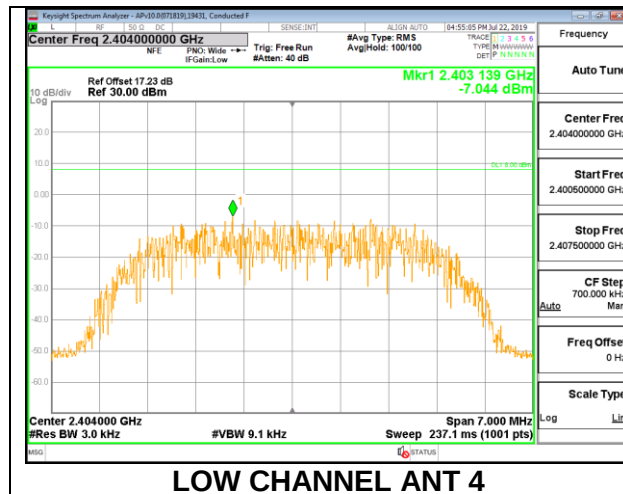


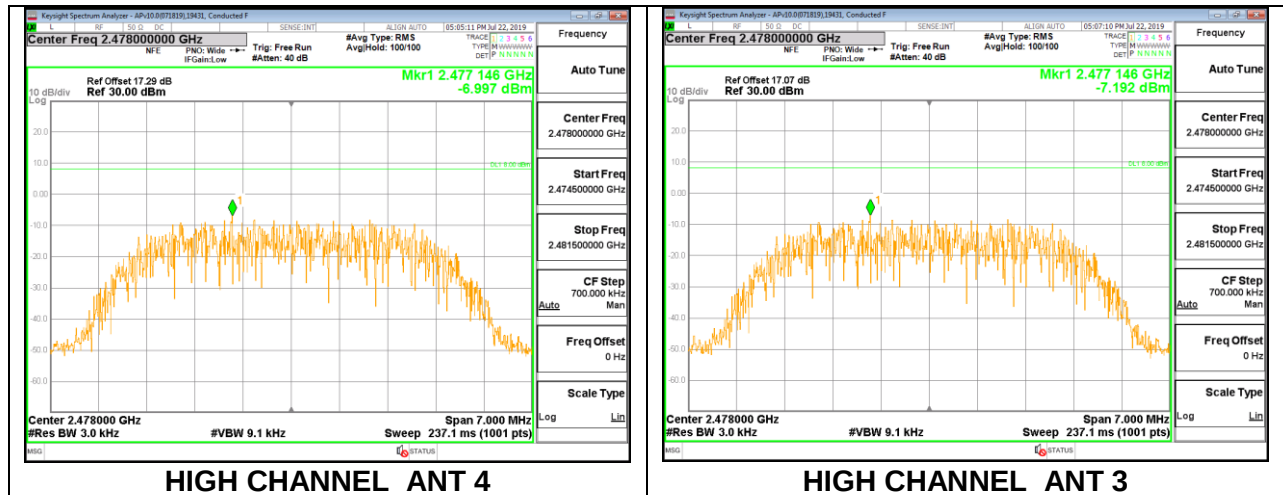
8.12.2. HDR8, HIGH POWER BLE

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

PSD Results

Channel	Frequency (MHz)	ANT 4 Meas (dBm/ 3kHz)	ANT 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low	2404	-7.044	-7.320	-4.17	8.0	-12.2
Mid	2441	-6.936	-7.158	-4.04	8.0	-12.0
Hjigh	2478	-6.997	-7.192	-4.08	8.0	-12.1



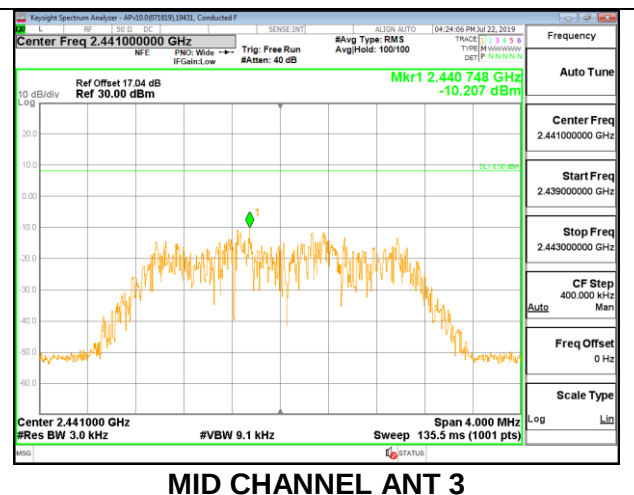
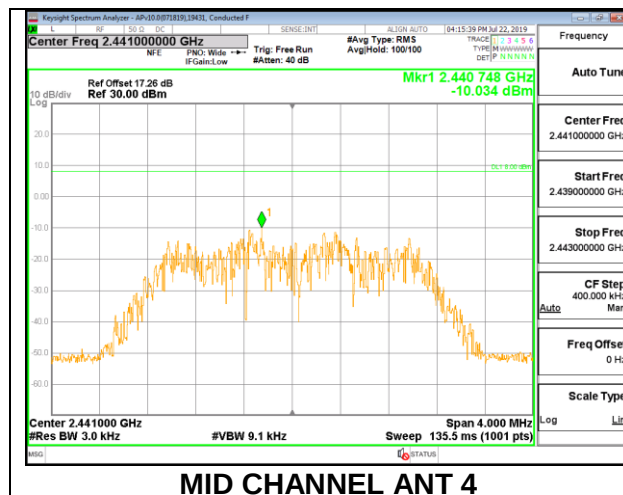
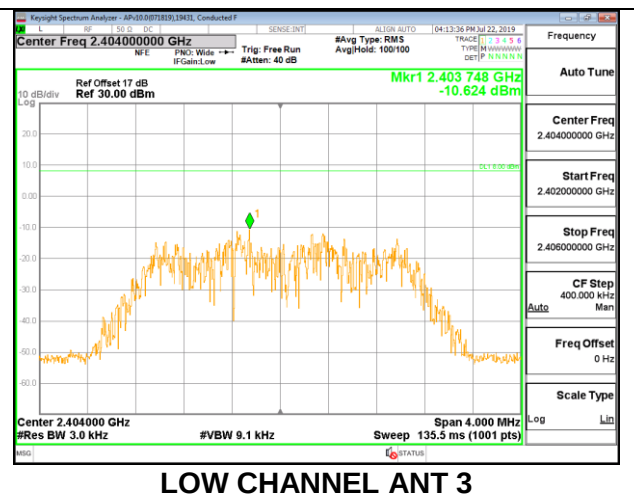
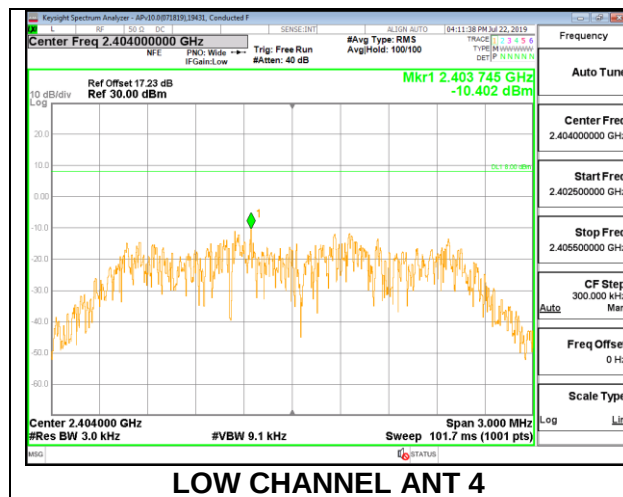


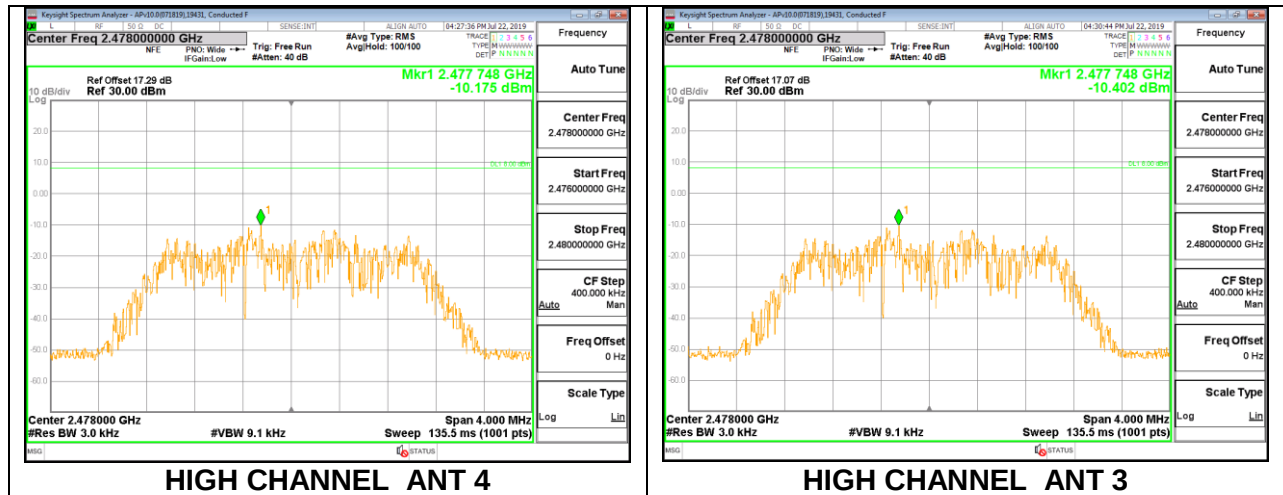
8.12.3. HDR4, LOW POWER BLE

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

PSD Results

Channel	Frequency (MHz)	ANT 4 Meas (dBm/ 3kHz)	ANT 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low	2404	-10.402	-10.624	-7.50	8.0	-15.5
Mid	2441	-10.034	-10.207	-7.11	8.0	-15.1
Hjigh	2478	-10.175	-10.402	-7.28	8.0	-15.3





8.12.4. HDR8, LOW POWER BLE

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
--------------------	------	--

PSD Results

Channel	Frequency (MHz)	ANT 4 Meas (dBm/ 3kHz)	ANT 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low	2404	-12.534	-12.635	-9.57	8.0	-17.6
Mid	2441	-12.552	-12.753	-9.64	8.0	-17.6
Hjigh	2478	-12.590	-12.875	-9.72	8.0	-17.7

