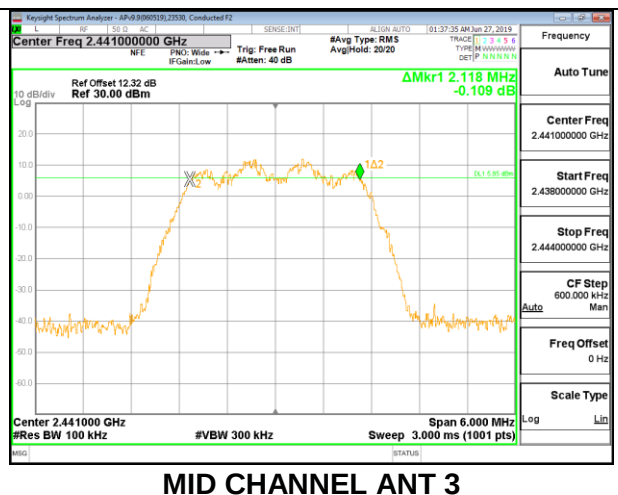
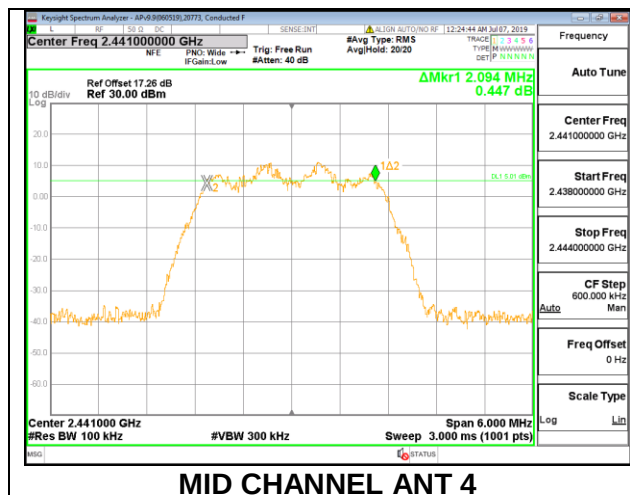
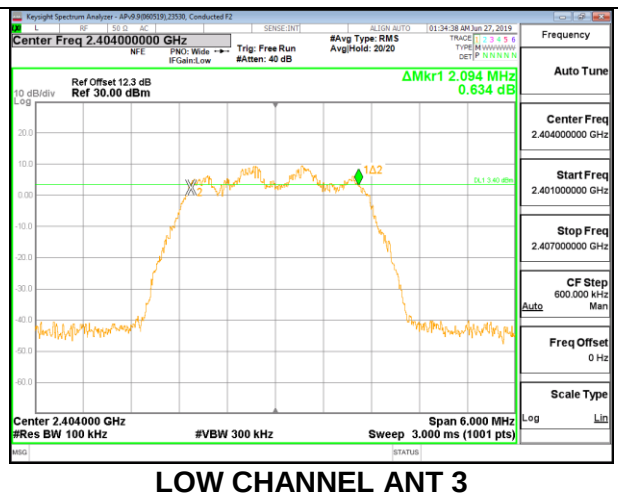
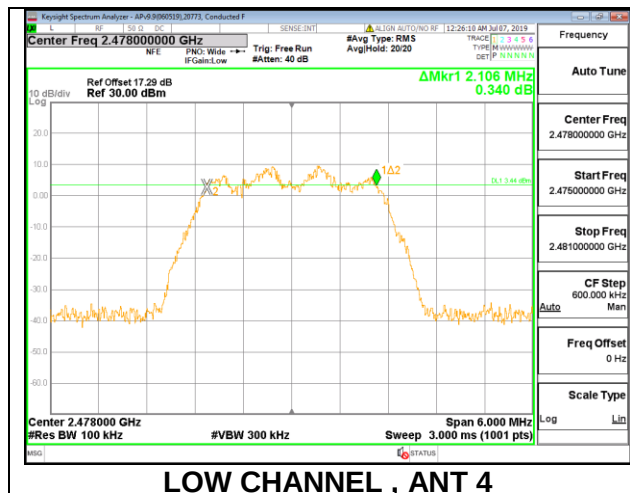
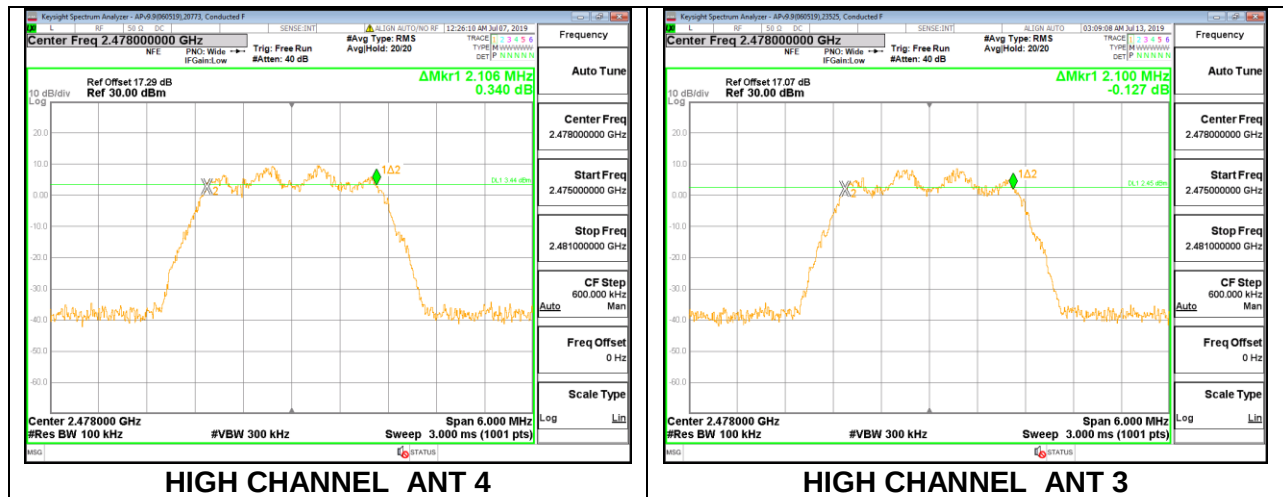


8.11. BEAMFORMING, 6dB BANDWIDTH

8.11.1. HDR4, HIGH POWER BLE

Channel	Frequency (MHz)	6dB Bandwidth ANT 4 (MHz)	6dB Bandwidth ANT 3 (MHz)
Low	2404	2.088	2.094
Mid	2441	2.094	2.118
High	2478	2.106	2.100

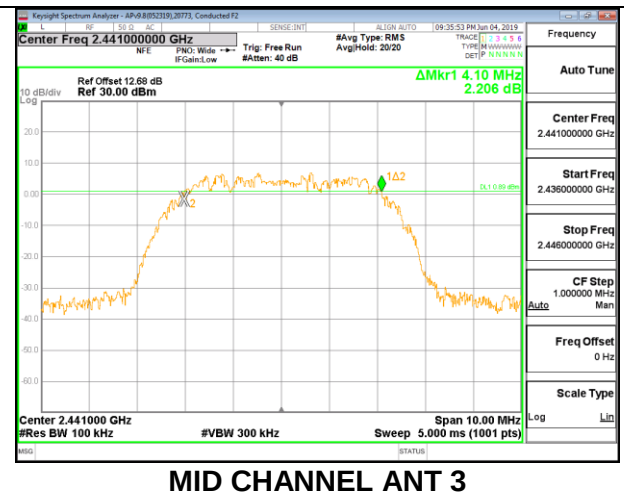
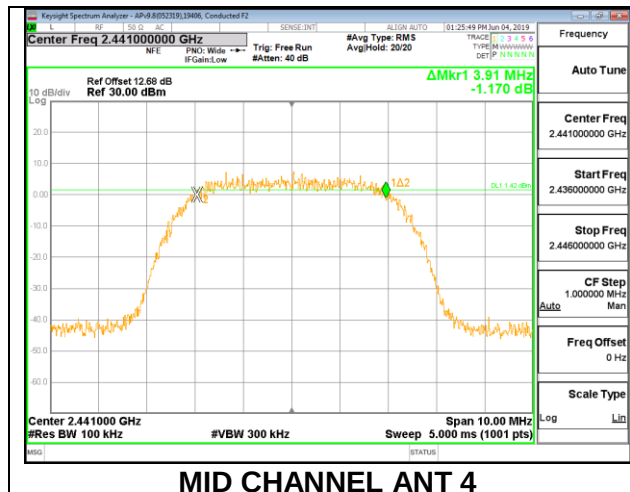
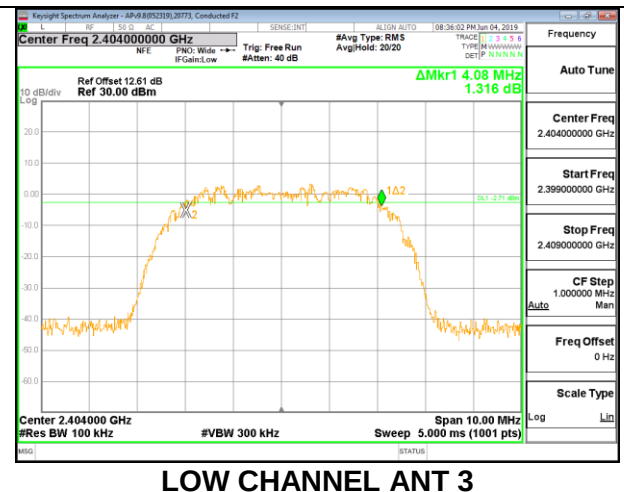
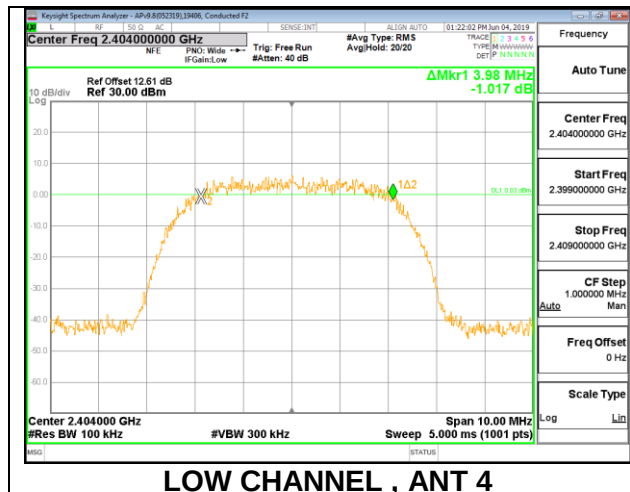


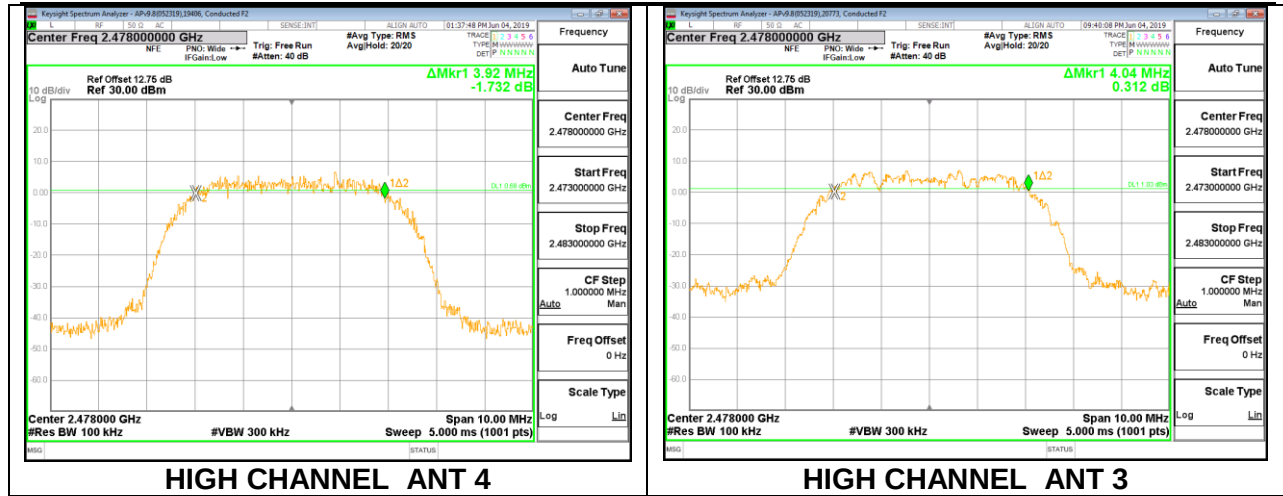


Note: Test procedures and setting on beamforming are same as HDR normal mode

8.11.2. HDR8, HIGH POWER BLE

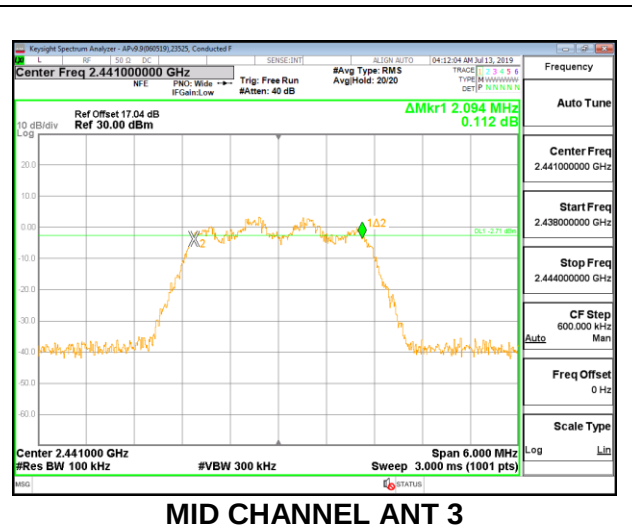
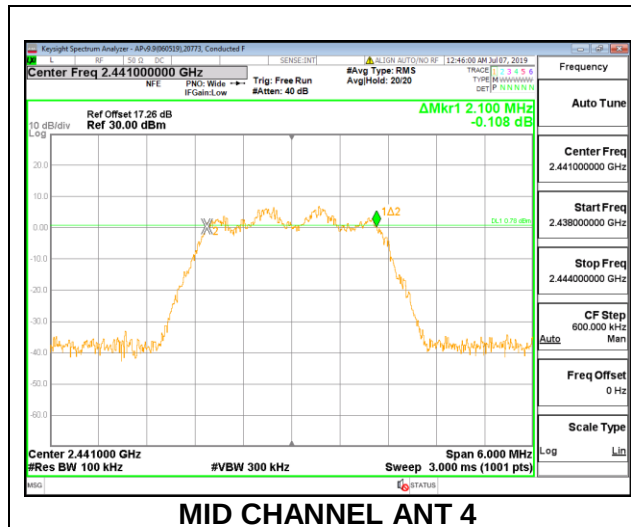
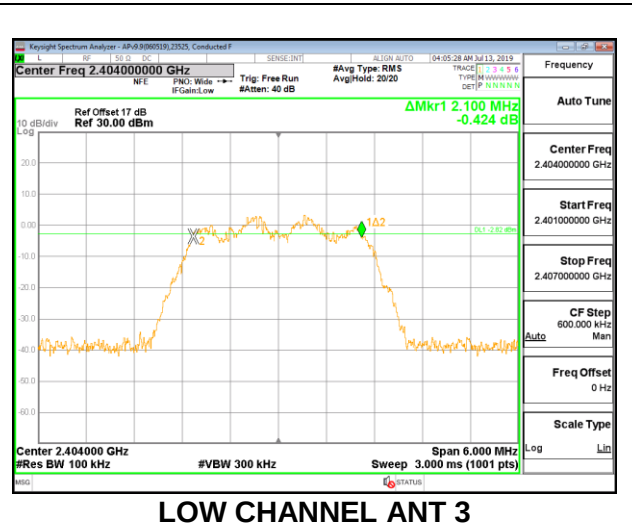
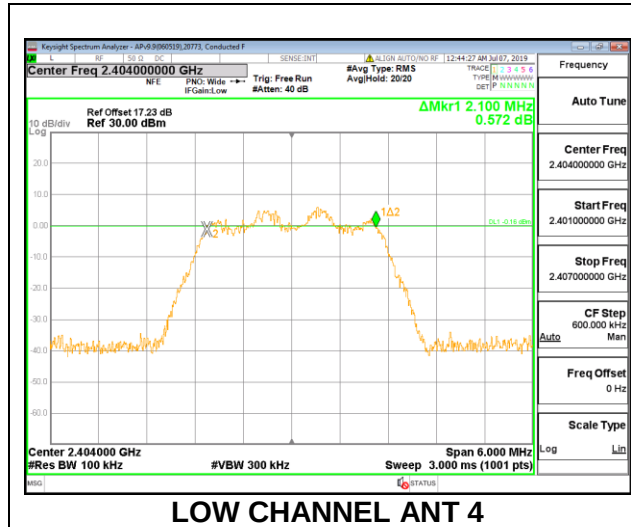
Channel	Frequency (MHz)	6dB Bandwidth ANT 4 (MHz)	6dB Bandwidth ANT 3 (MHz)
Low	2404	3.980	4.080
Mid	2441	3.910	4.100
High	2478	3.920	4.040

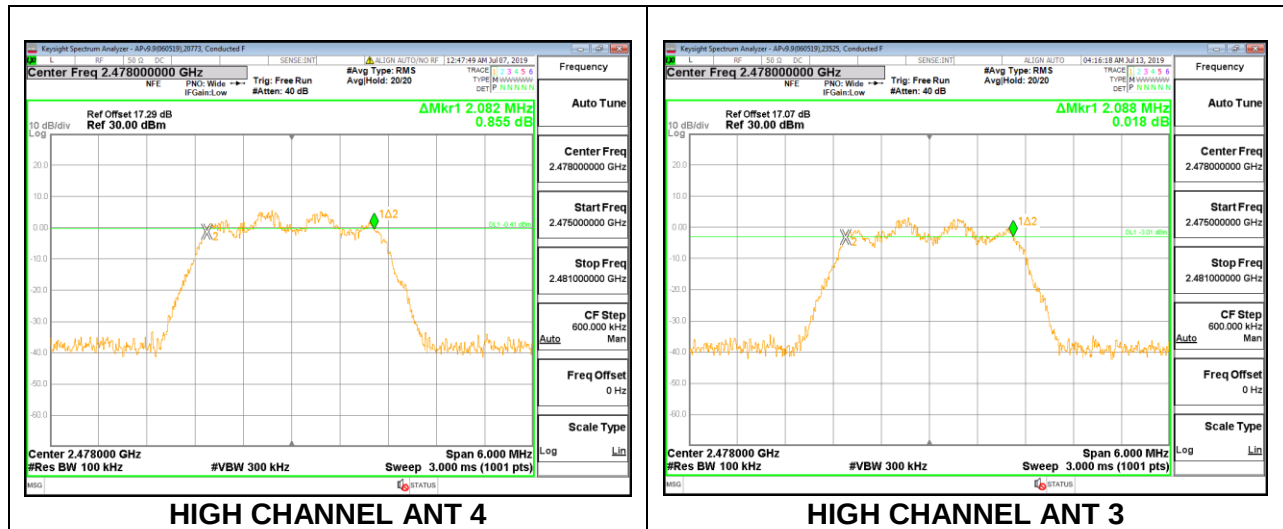




8.11.3. HDR4, LOW POWER BLE

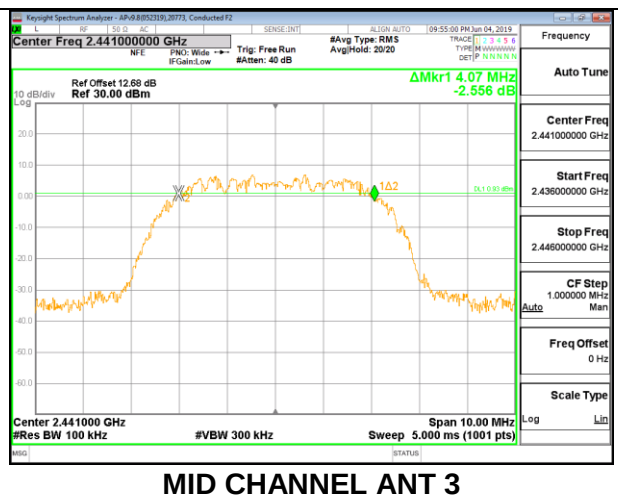
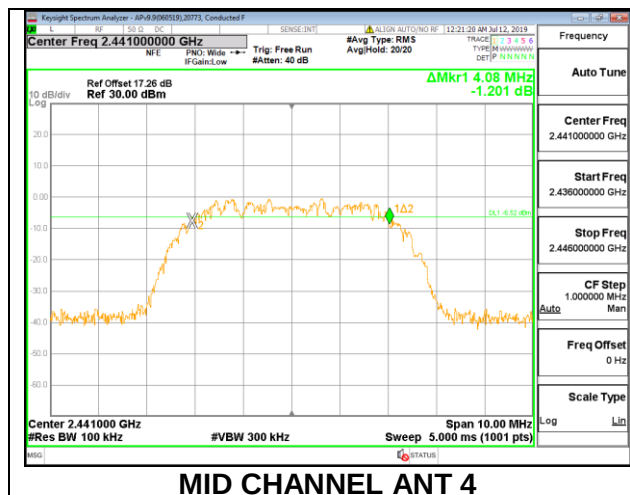
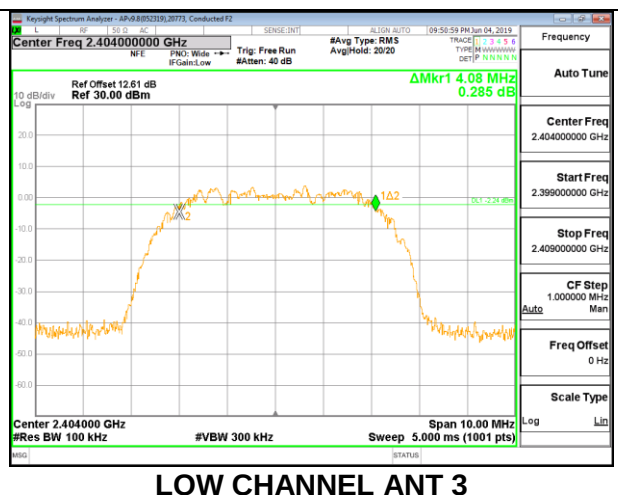
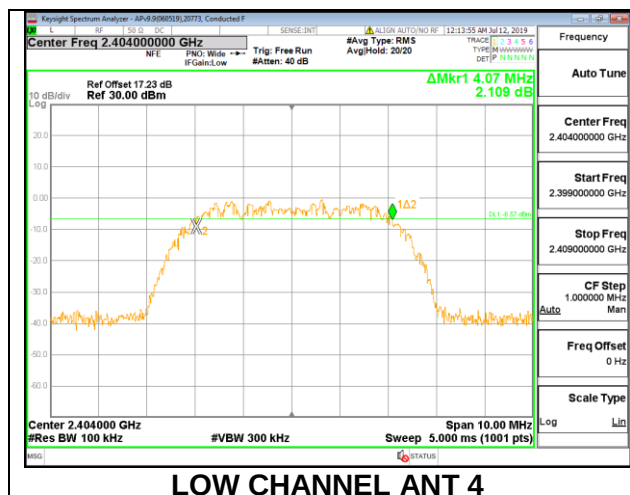
Channel	Frequency (MHz)	6dB Bandwidth ANT 4 (MHz)	6dB Bandwidth ANT 3 (MHz)
Low	2404	2.100	2.100
Mid	2441	2.100	2.094
High	2478	2.082	2.088

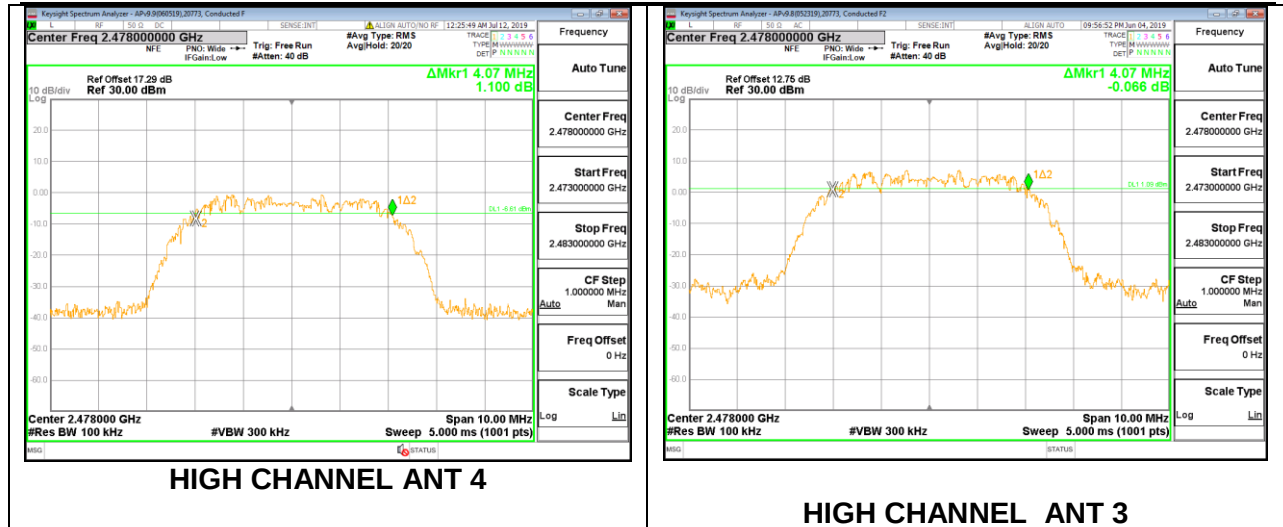




8.11.4. HDR8, LOW POWER BLE

Channel	Frequency (MHz)	6dB Bandwidth ANT 4 (MHz)	6dB Bandwidth ANT 3 (MHz)
Low	2404	4.070	4.080
Mid	2441	4.080	4.070
High	2478	4.070	4.070





8.12. BEAMFORMING, POWER SPECTRAL DENSITY

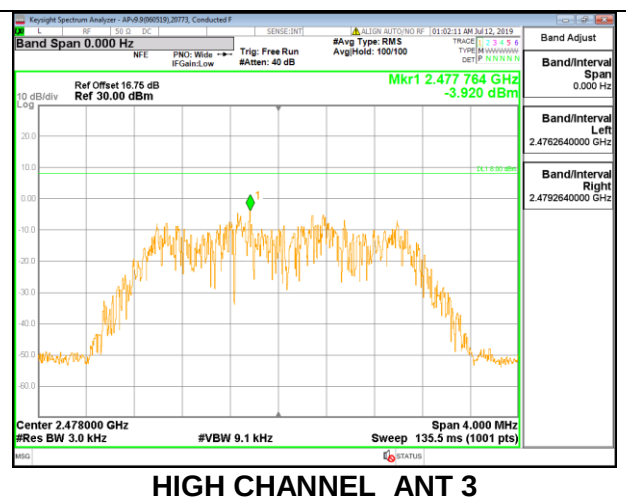
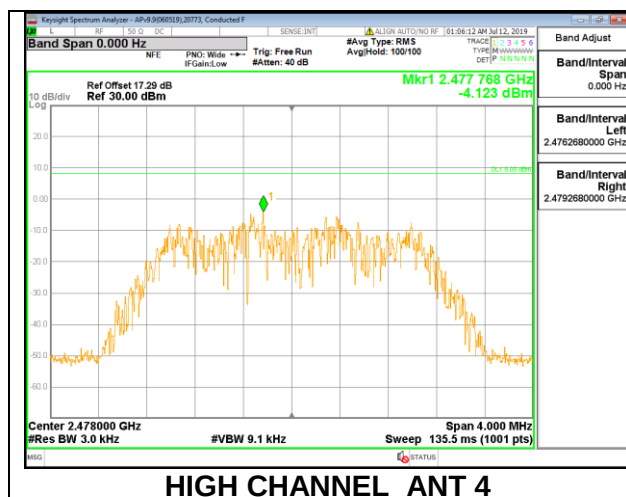
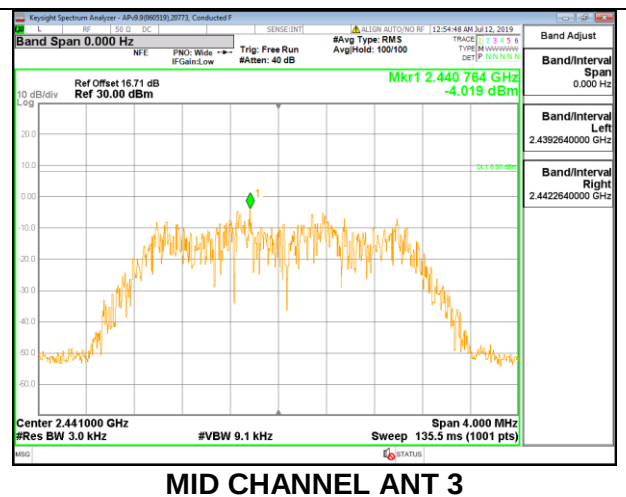
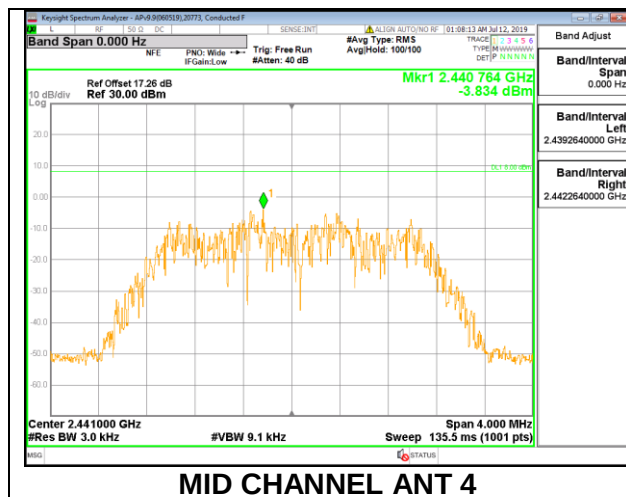
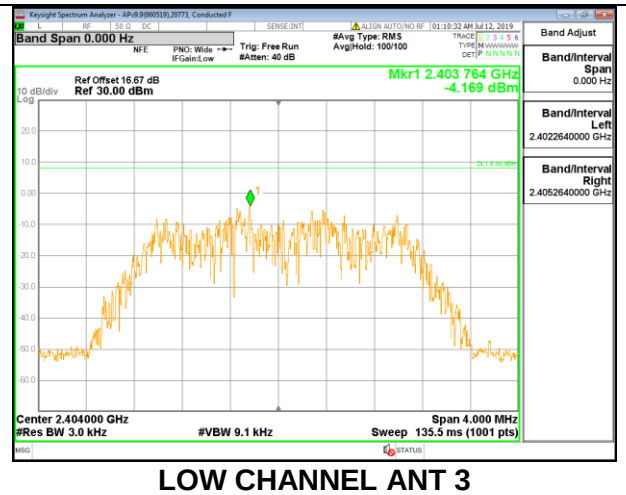
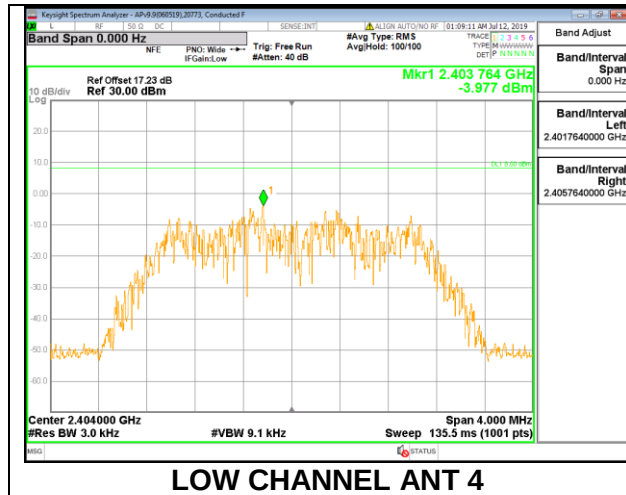
8.12.1. HDR4, HIGH POWER BLE

Duty Cycle CF (dB)	Included in Calculations of Corr'd PSD
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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	-3.98	-4.17	-1.06	8.0	-9.1
Mid	2441	-3.83	-4.02	-0.92	8.0	-8.9
Hjigh	2478	-4.12	-3.92	-1.01	8.0	-9.0

Note: Test procedures and setting on beamforming are same as HDR normal mode

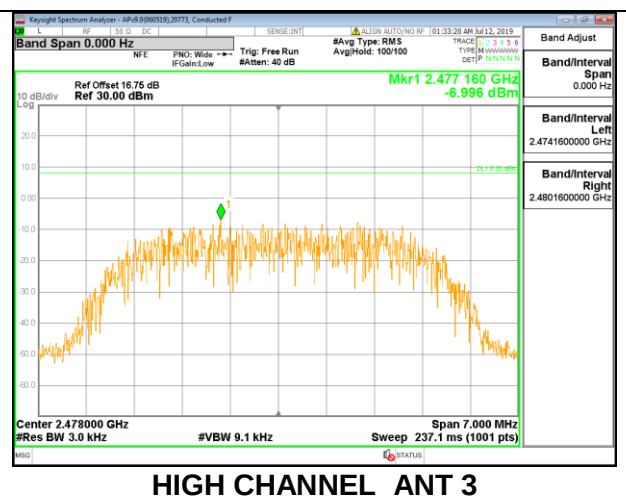
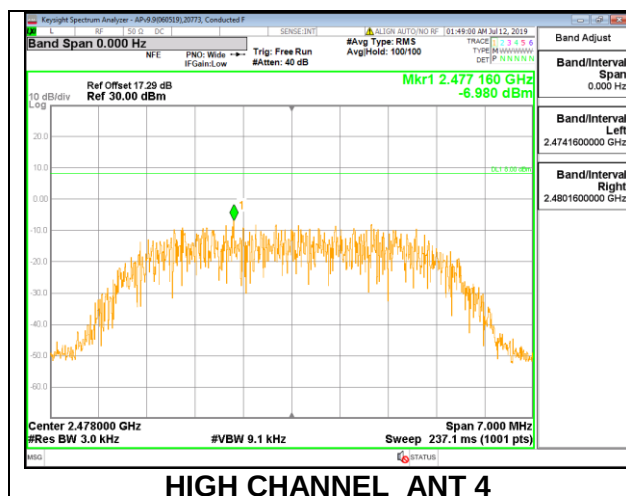
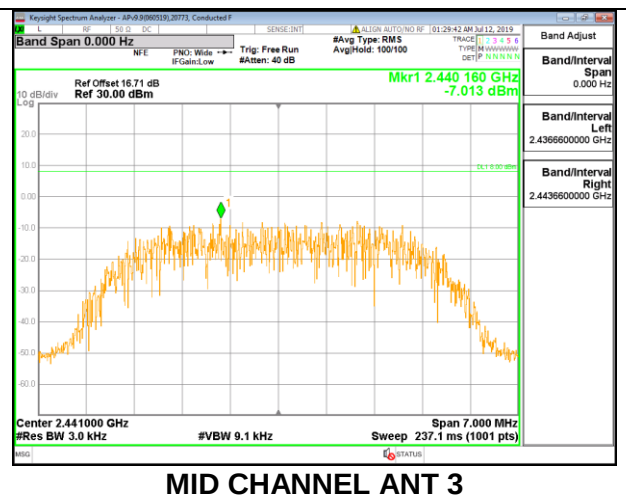
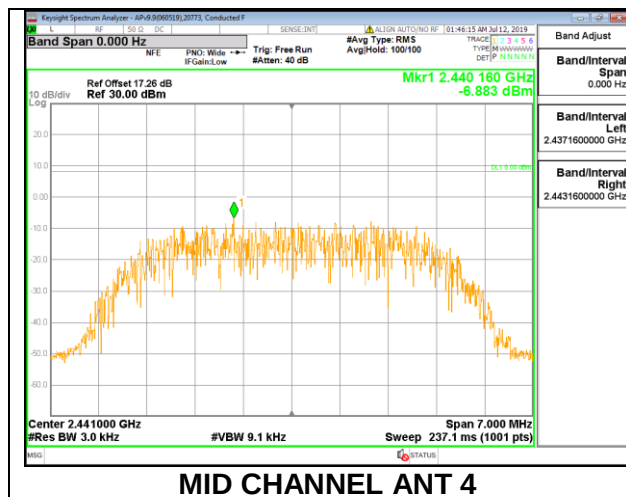
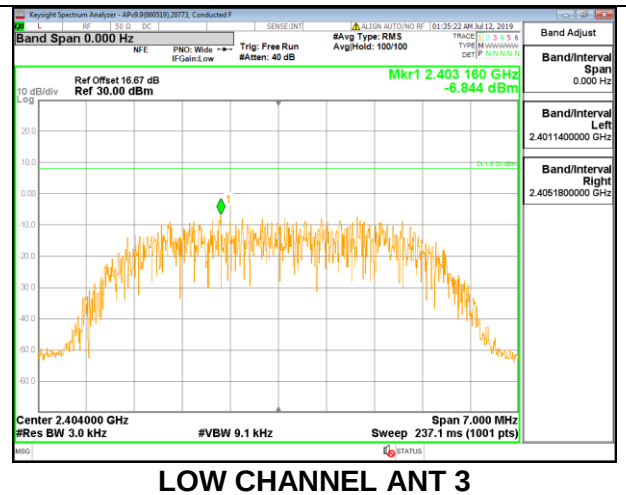
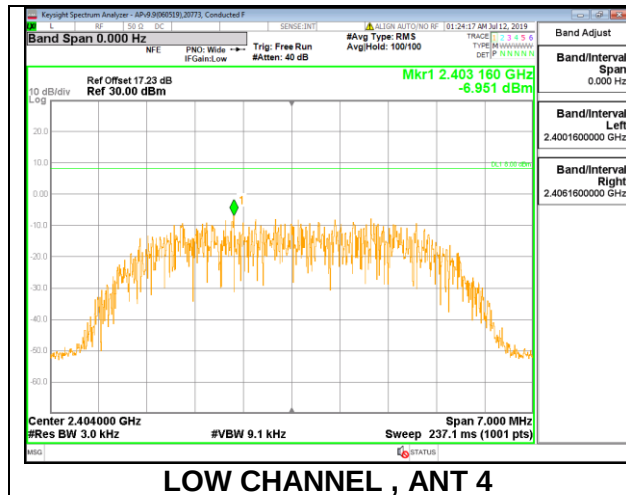


8.12.2. HDR8, HIGH POWER BLE

Duty Cycle CF (dB)	Included in Calculations of Corr'd PSD
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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	-6.95	-6.84	-3.89	8.0	-11.9
Mid	2441	-6.88	-7.01	-3.94	8.0	-11.9
Hjigh	2478	-6.98	-7.00	-3.98	8.0	-12.0

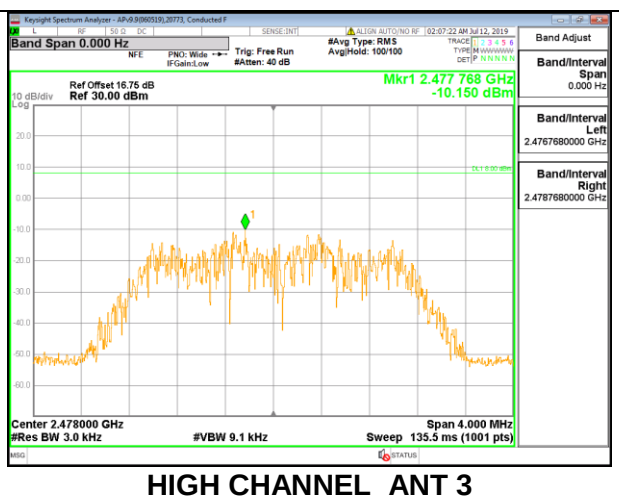
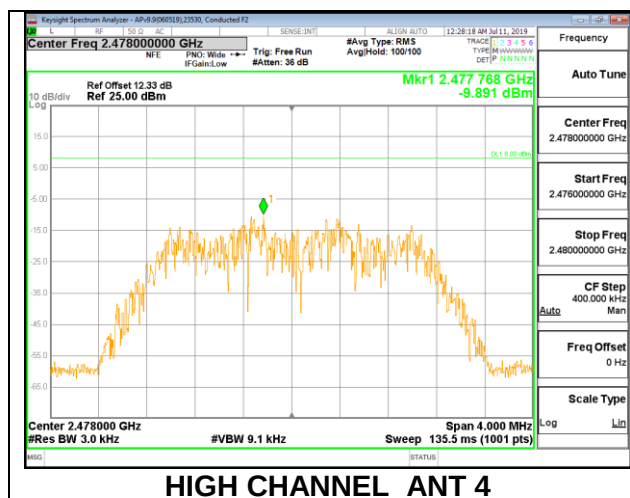
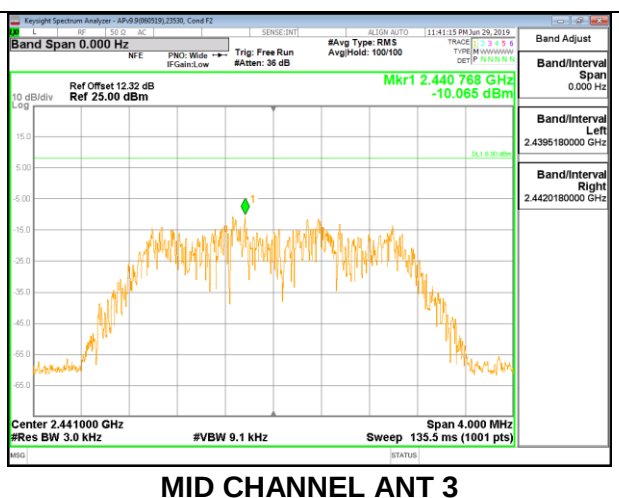
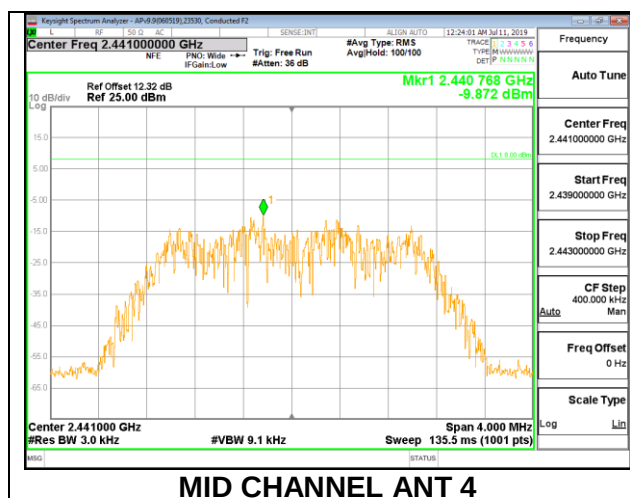
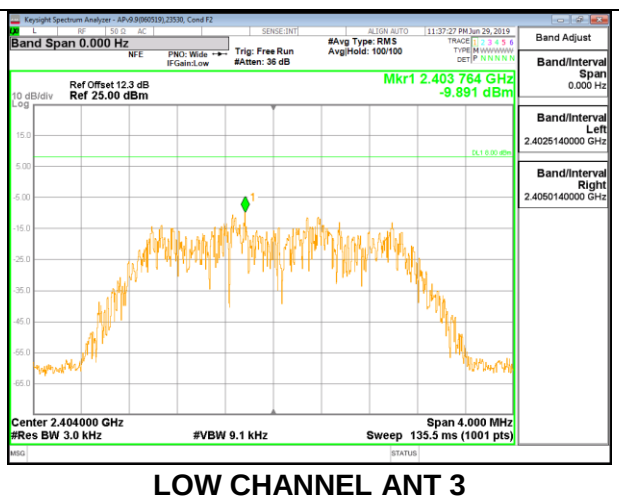
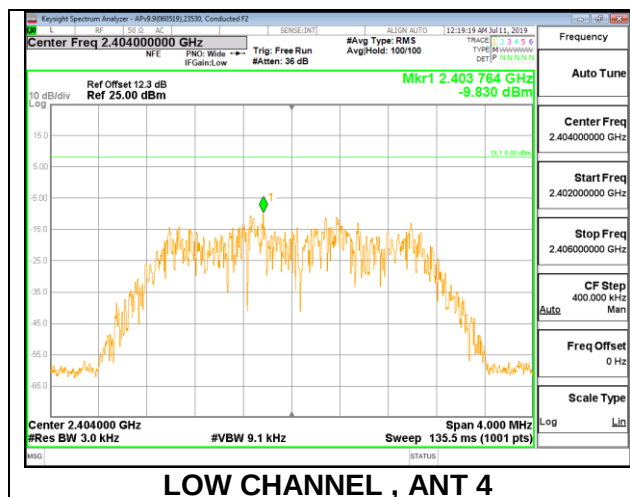


8.12.3. HDR4, LOW POWER BLE

Duty Cycle CF (dB)	Included in Calculations of Corr'd PSD
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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	-9.83	-9.89	-6.85	8.0	-14.9
Mid	2441	-9.87	-10.07	-6.96	8.0	-15.0
Hjigh	2478	-9.89	-10.15	-7.01	8.0	-15.0

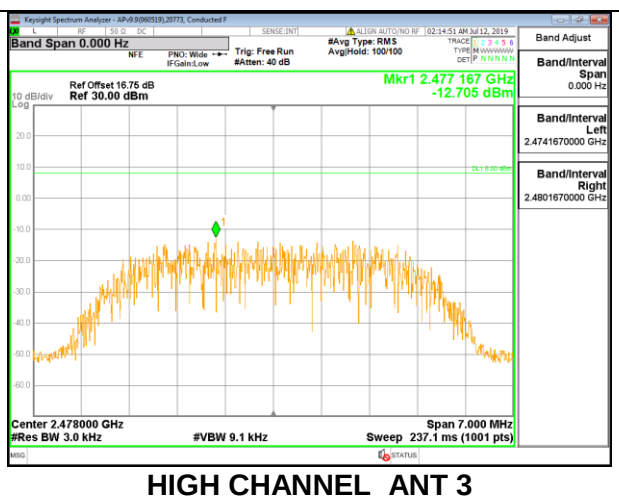
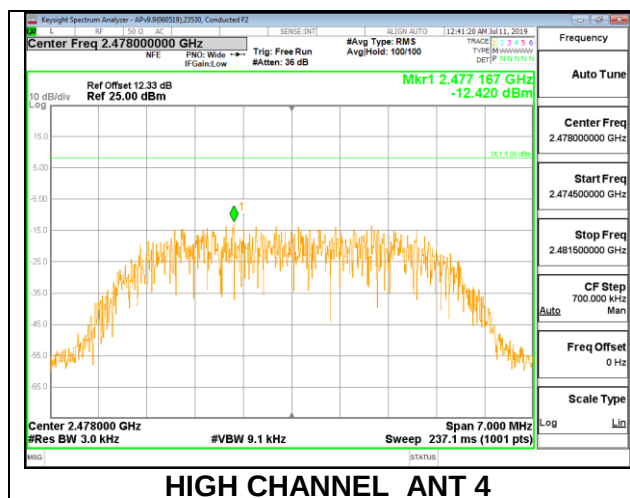
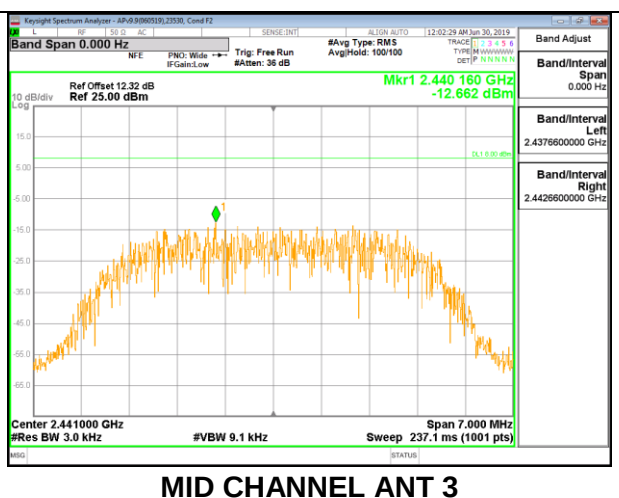
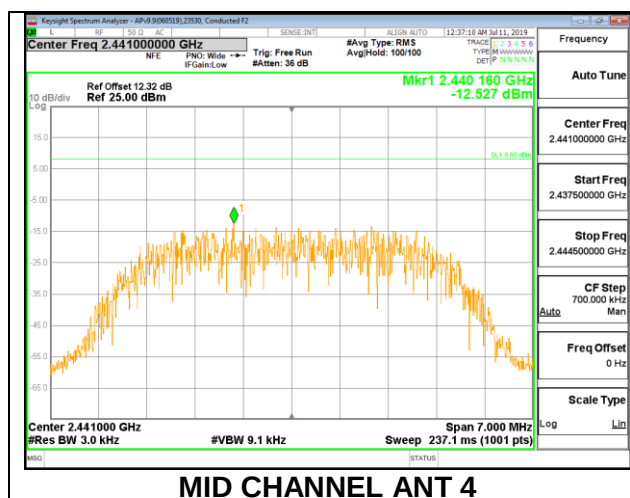
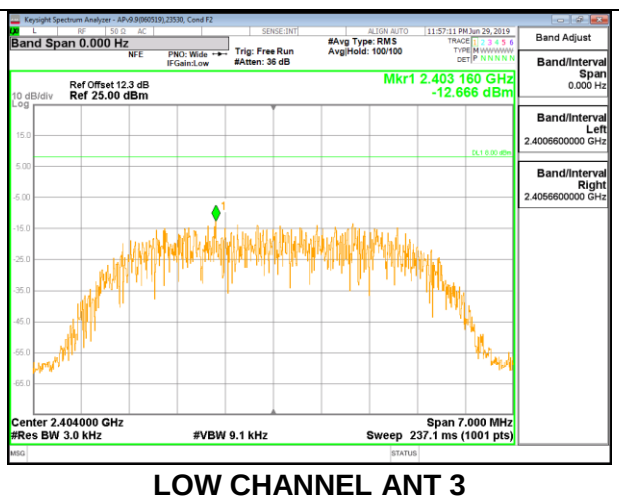
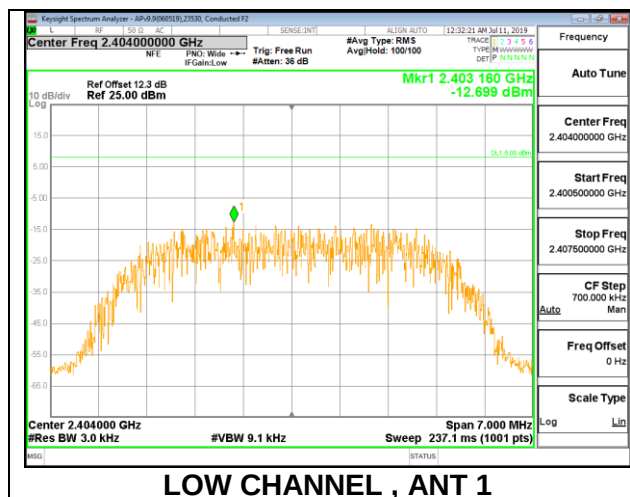


8.12.4. HDR8, LOW POWER BLE

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

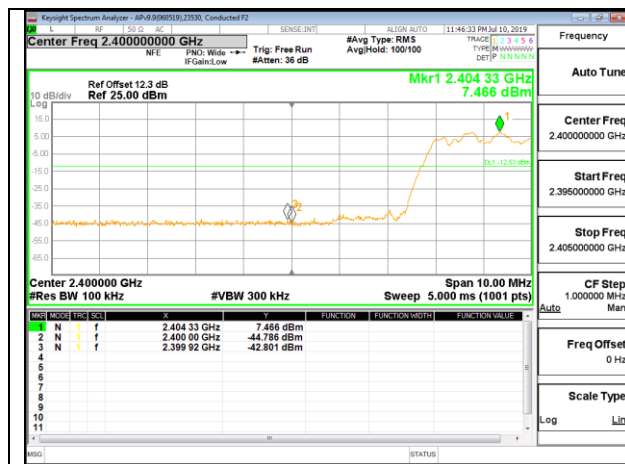
Channel	Frequency (MHz)	ANT 4 Meas (dBm/ 3kHz)	ANT 3 Meas (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low	2404	-12.70	-12.67	-9.67	8.0	-17.7
Mid	2441	-12.53	-12.66	-9.58	8.0	-17.6
Hjigh	2478	-12.42	-12.71	-9.55	8.0	-17.5



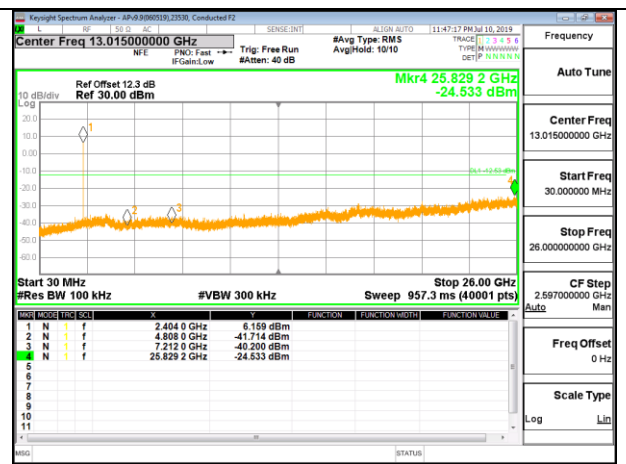
8.13. BEAMFORMING, CONDUCTED SPURIOUS

8.13.1. HDR4, HIGH POWER

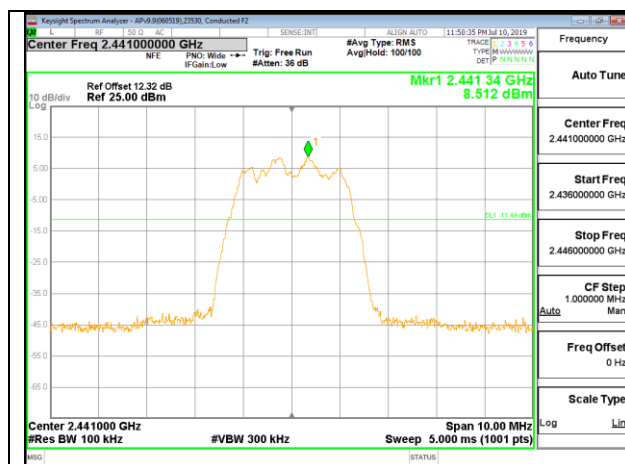
Antenna 4



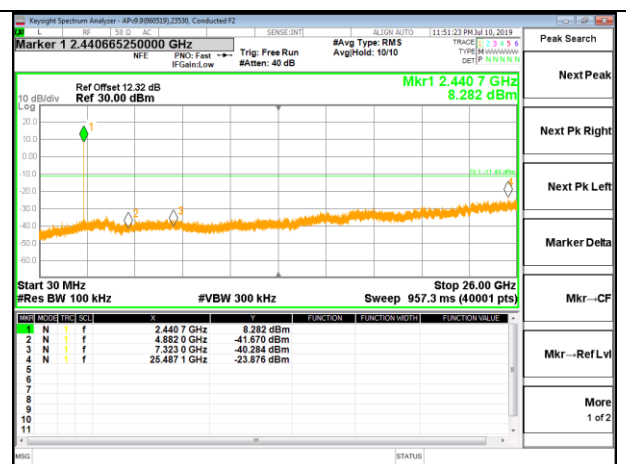
LOW CHANNEL , BANDEDGE ANT 4



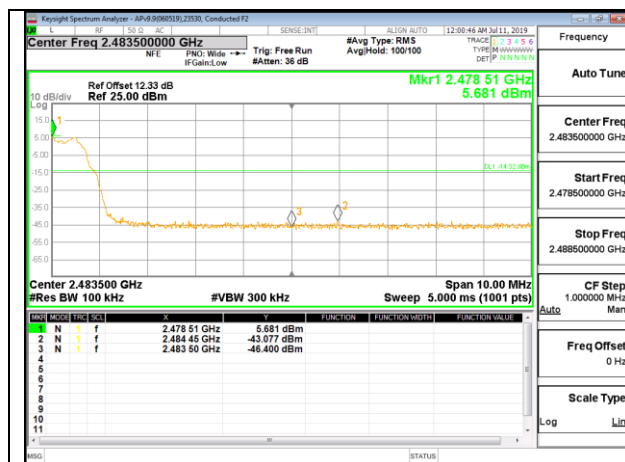
LOW CHANNEL OUT-OF-BAND ANT 4



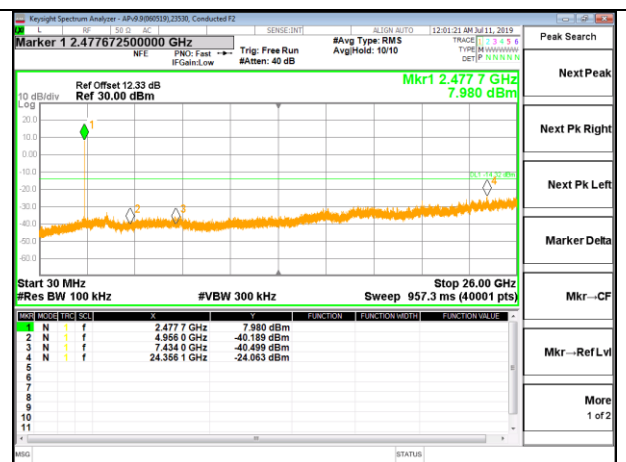
MID CHANNEL REFERENCE ANT 4



MID CHANNEL OUT-OF-BAND ANT 4

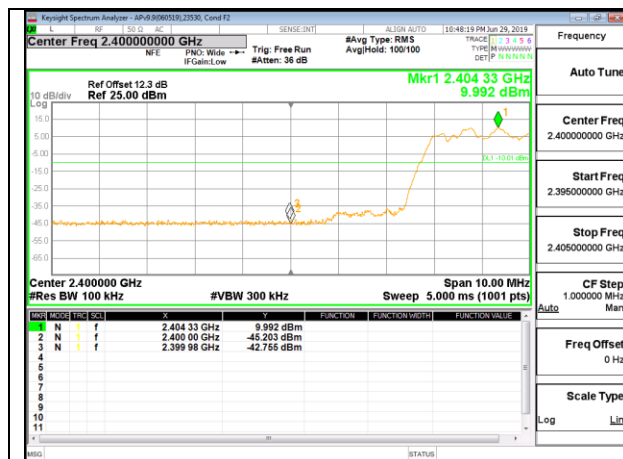


HIGH CHANNEL BANDEDGE ANT 4

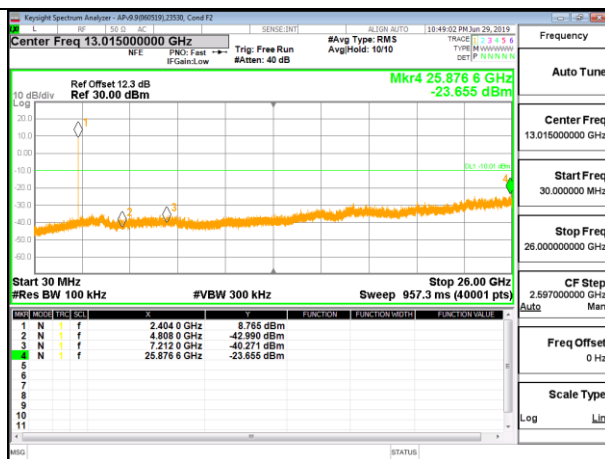


HIGH CHANNEL OUT-OF-BAND ANT 4

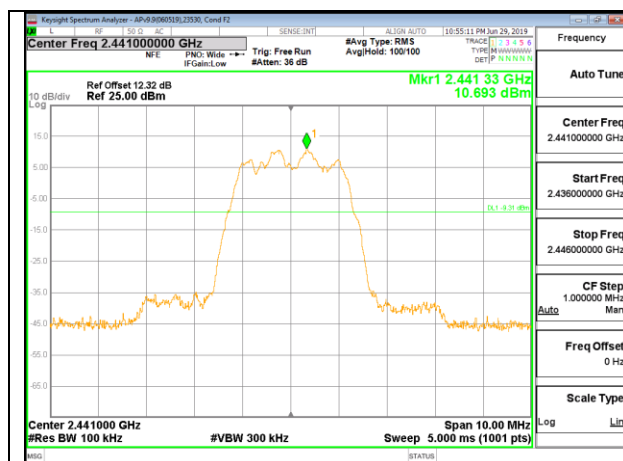
Antenna 3



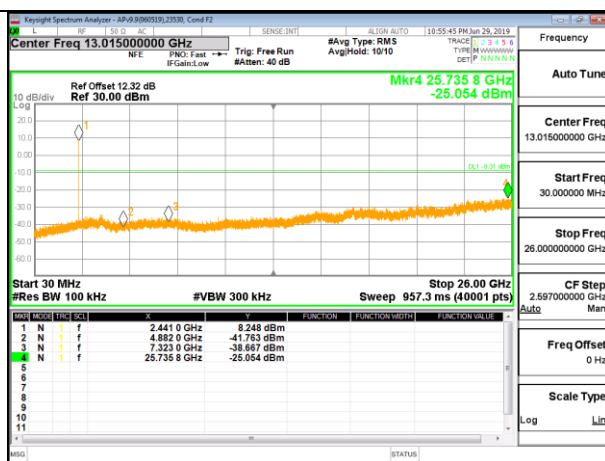
LOW CHANNEL , BANDEDGE ANT 3



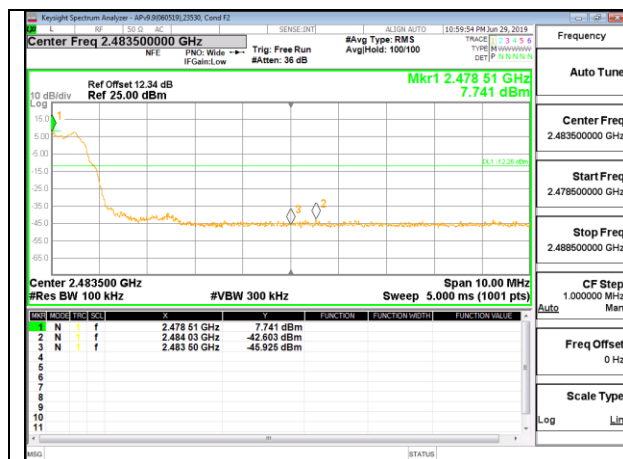
LOW CHANNEL OUT-OF-BAND ANT 3



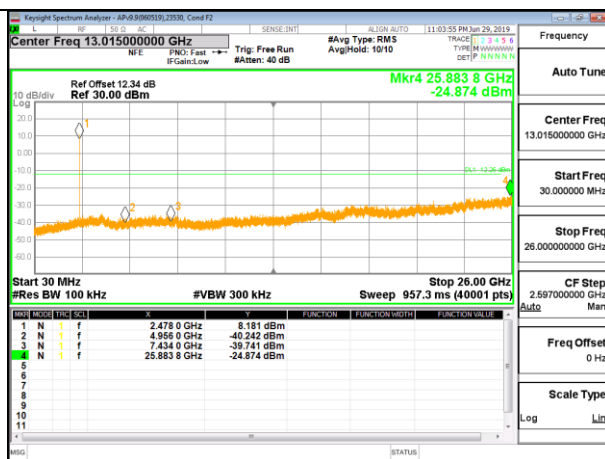
MID CHANNEL REFERENCE ANT 3



MID CHANNEL OUT-OF-BAND ANT 3



HIGH CHANNEL BANDEDGE ANT 3

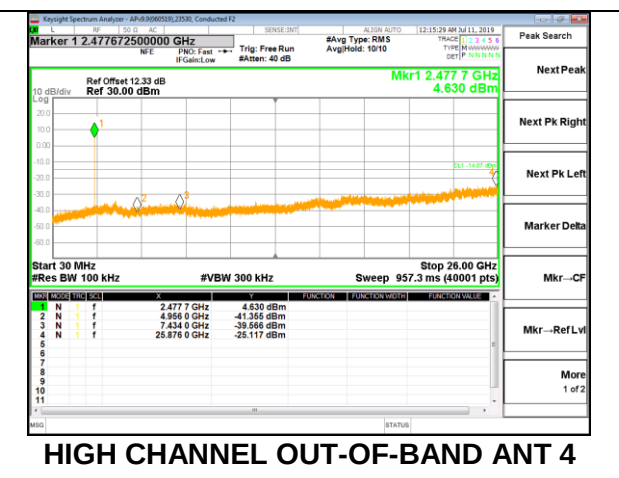
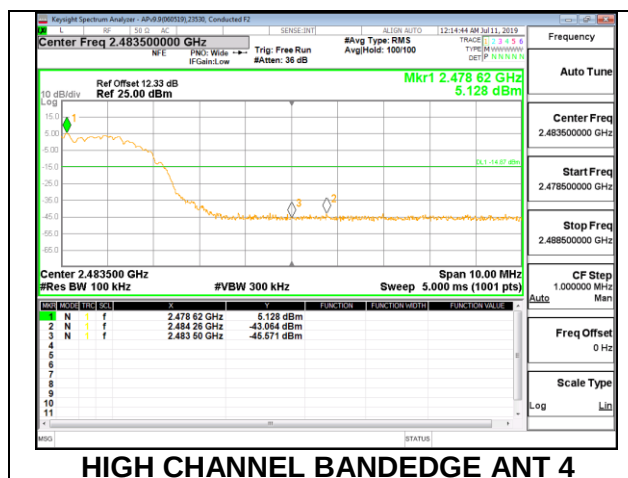
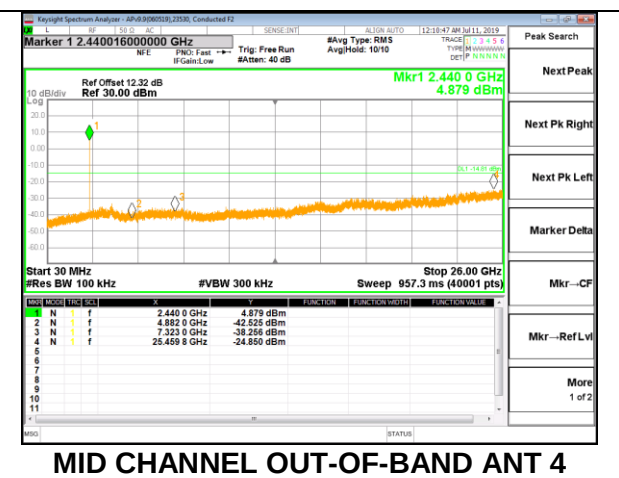
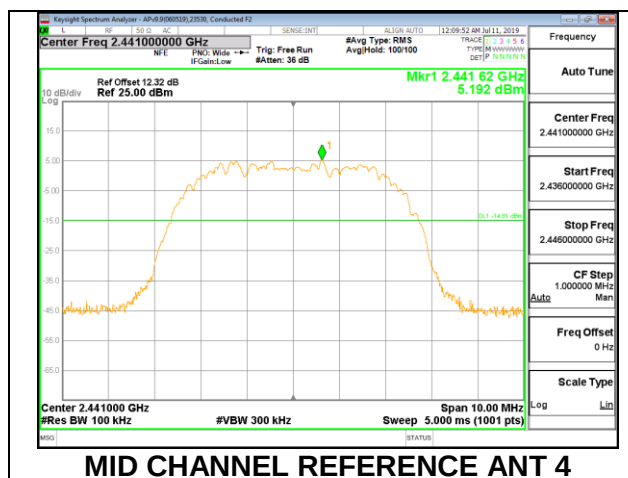
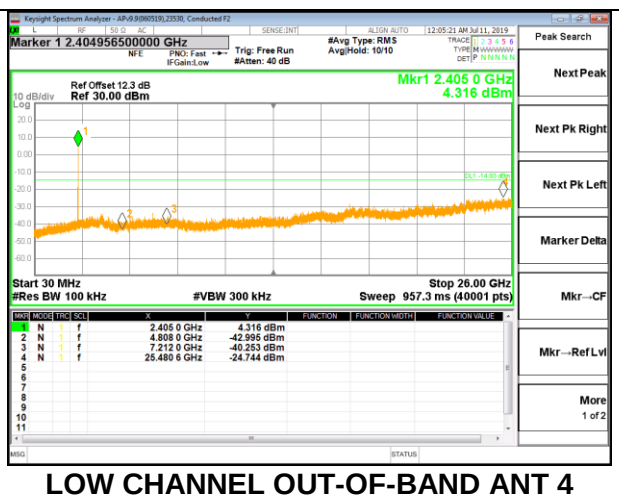
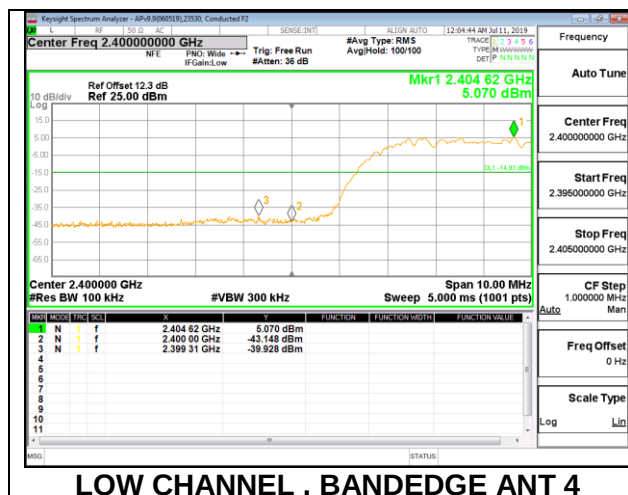


HIGH CHANNEL OUT-OF-BAND ANT 3

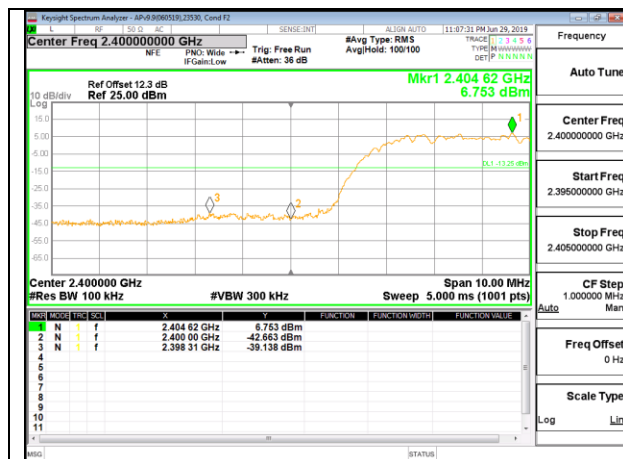
Note: Test procedures and setting on beamforming are same as HDR normal mode

8.13.2. HDR8, HIGH POWER

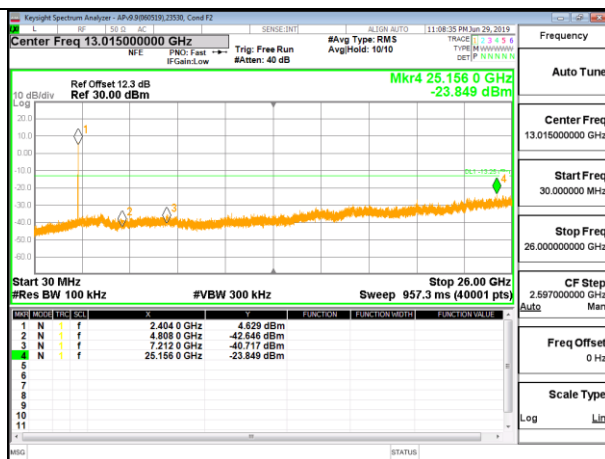
Antenna 4



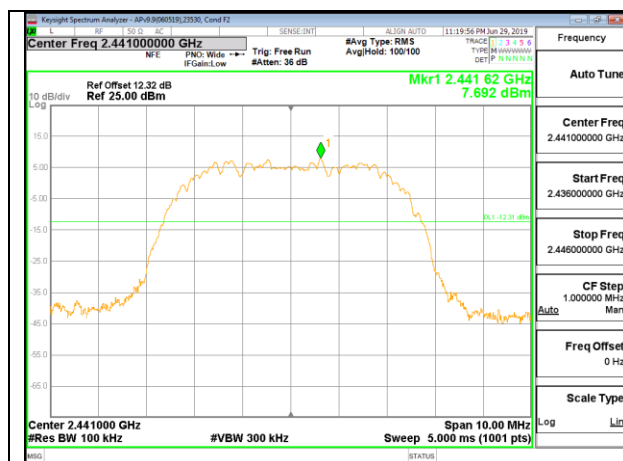
Antenna 3



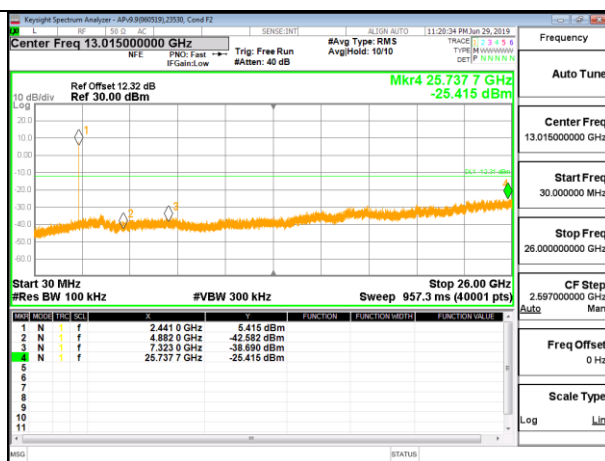
LOW CHANNEL , BANDEDGE ANT 3



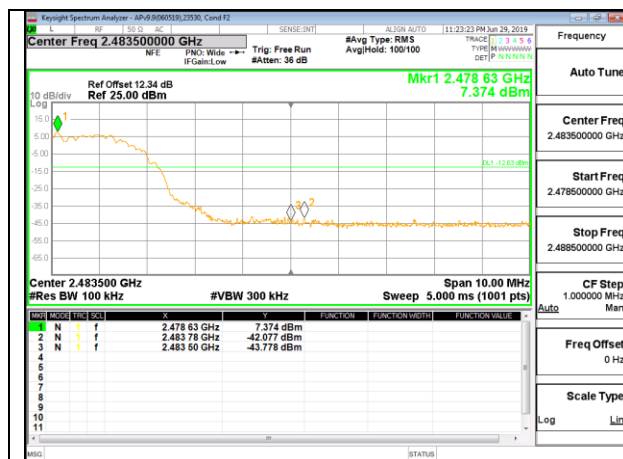
LOW CHANNEL OUT-OF-BAND ANT 3



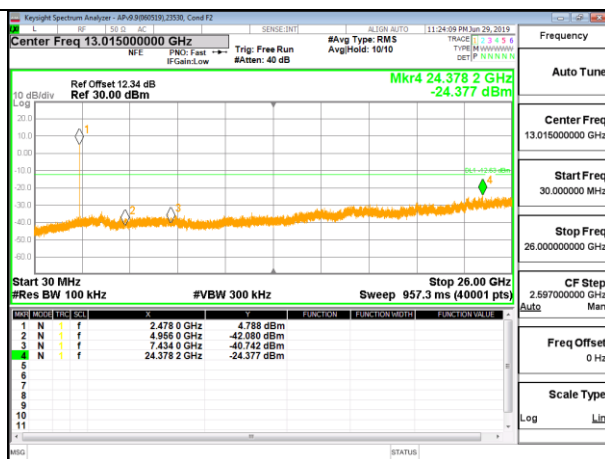
MID CHANNEL REFERENCE ANT 3



MID CHANNEL OUT-OF-BAND ANT 3



HIGH CHANNEL BANDEDGE ANT 3



HIGH CHANNEL OUT-OF-BAND ANT 3

Note: Test procedures and setting on beamforming are same as HDR normal mode

8.13.3. HDR4, LOW POWER

Antenna 4

