

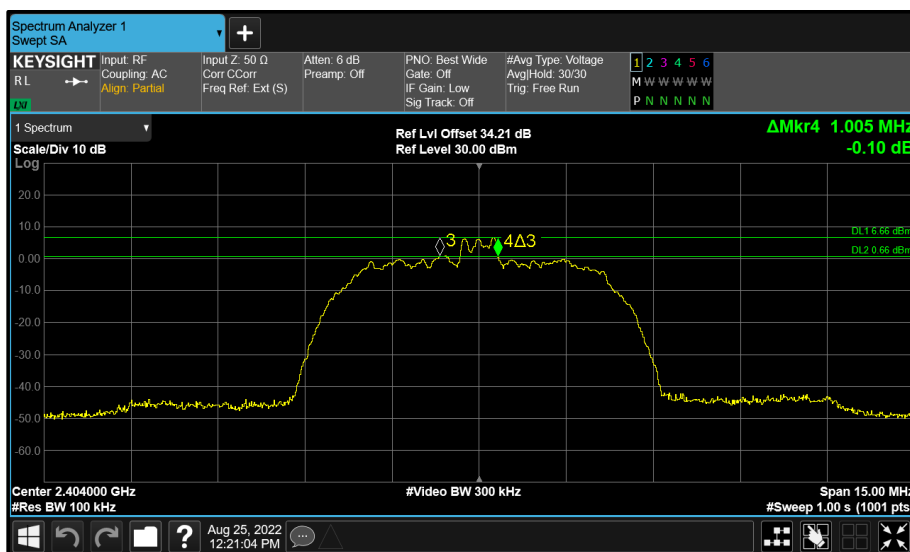


Figure 64 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

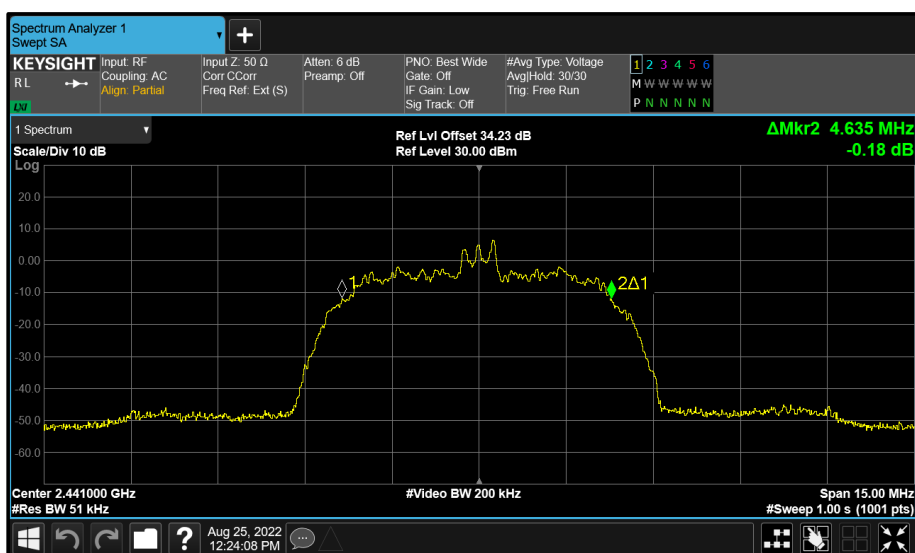


Figure 65 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

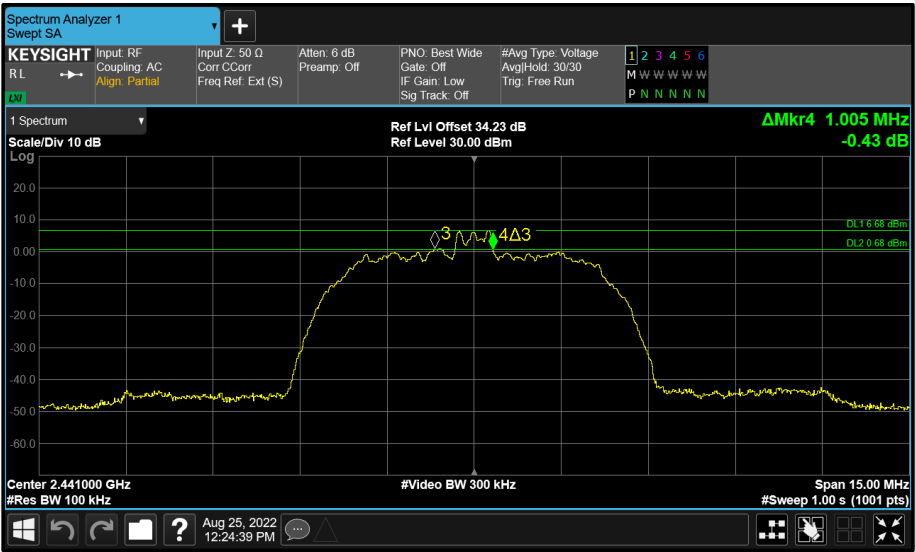


Figure 66 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

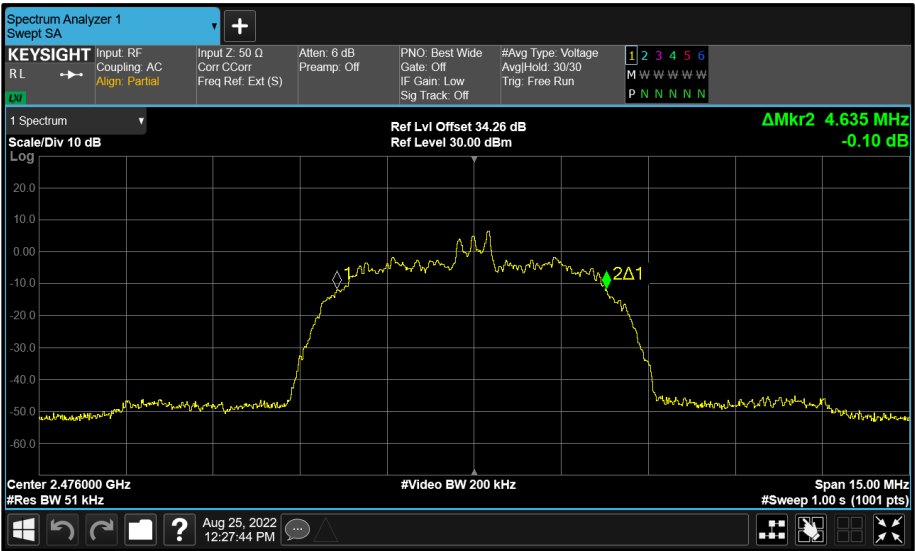


Figure 67 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

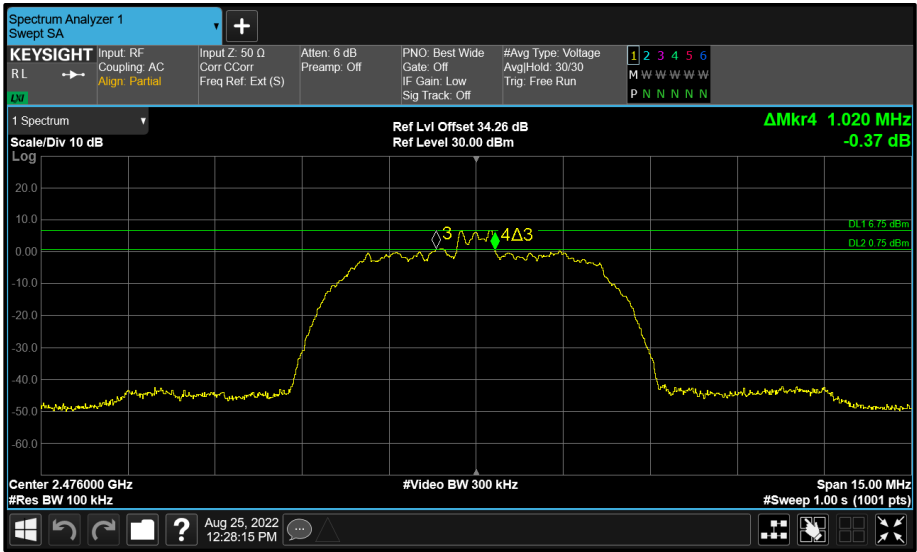


Figure 68 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 1M)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCC (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	0.724	-	-	≥500.0
2440	-	0.724	-	-	≥500.0
2480	-	0.724	-	-	≥500.0

Table 38 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	1.040	-	-	-
2440	-	1.036	-	-	-
2480	-	1.040	-	-	-

Table 39 - 99% Bandwidth Results

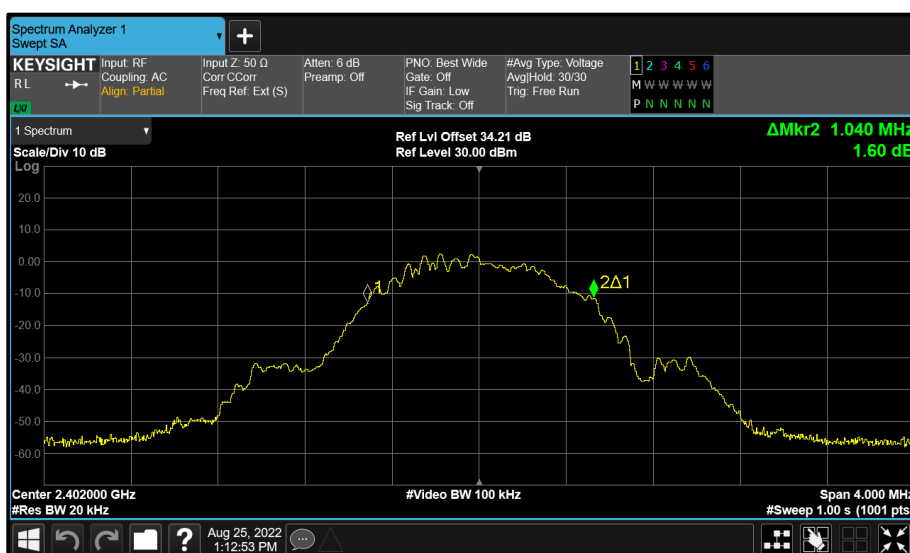


Figure 69 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

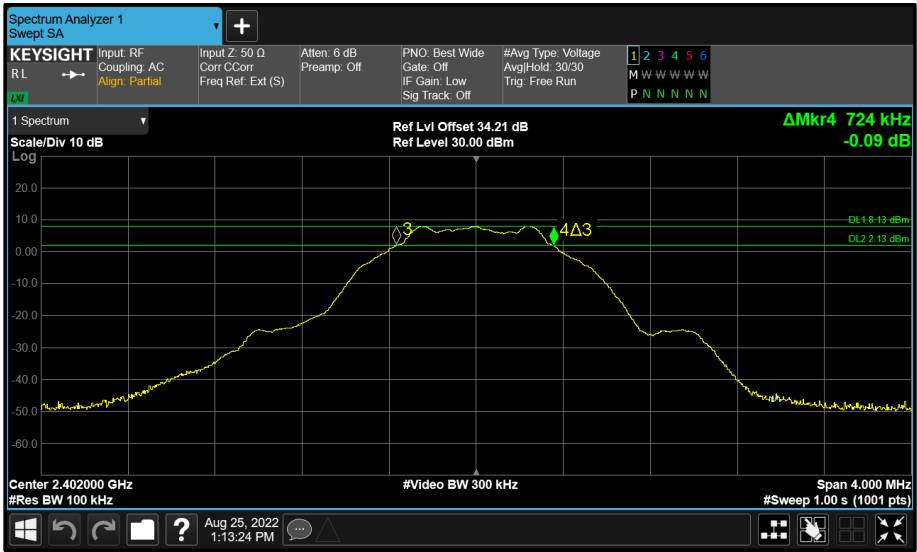


Figure 70 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

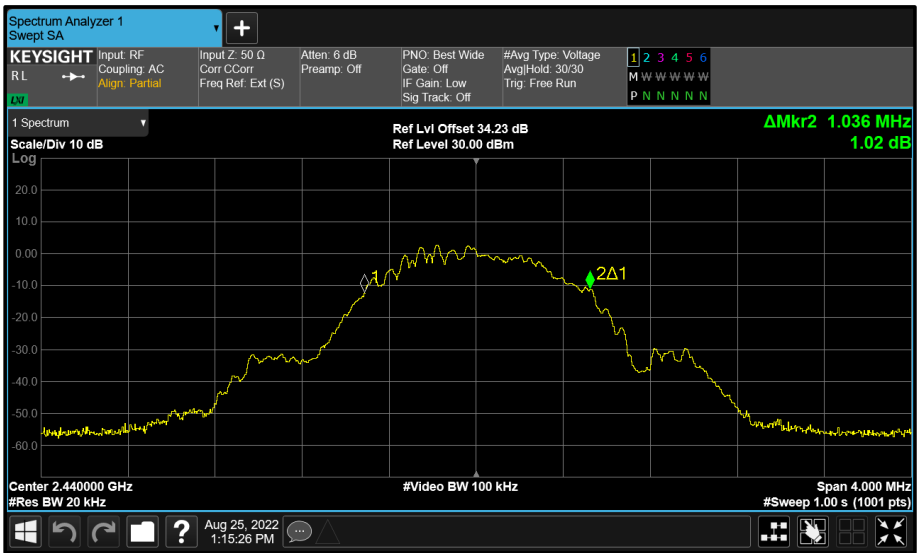


Figure 71 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

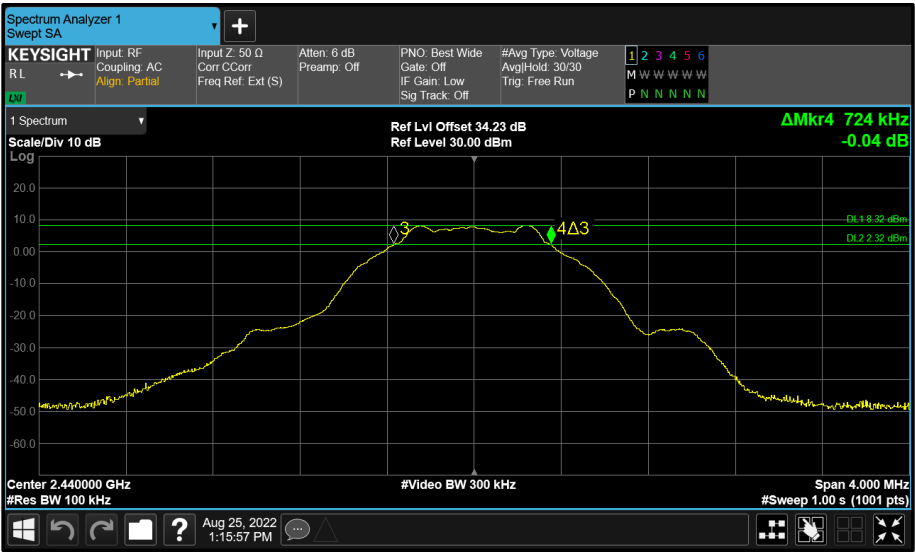


Figure 72 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

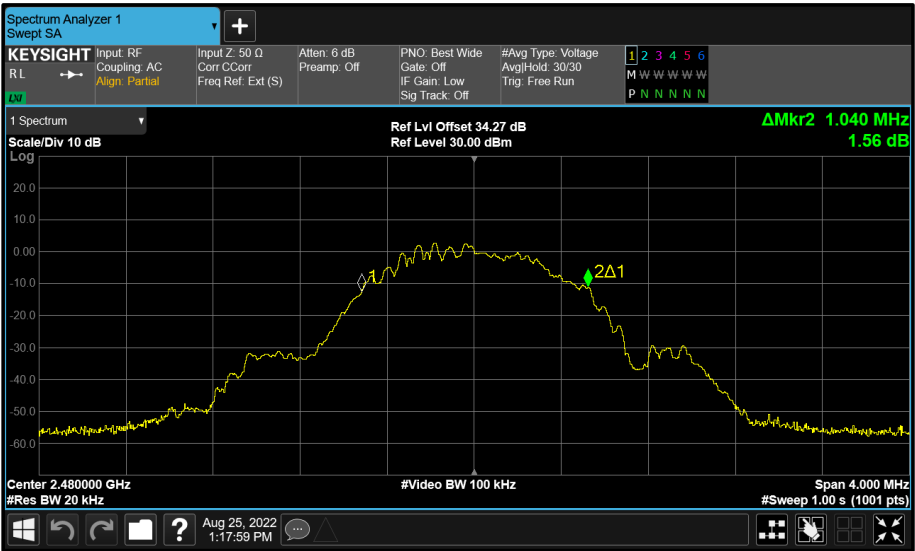


Figure 73 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

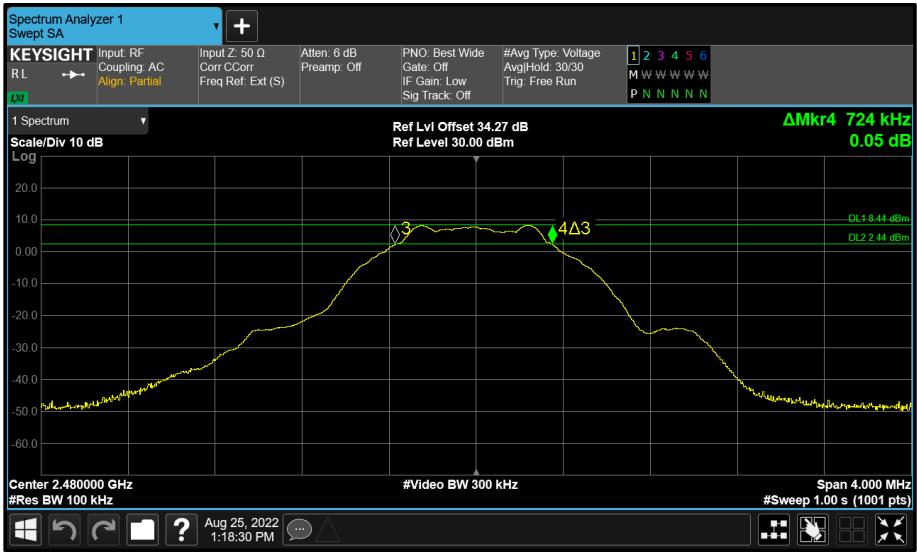


Figure 74 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 2M)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCC (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	1.248	-	-	≥500.0
2440	-	1.264	-	-	≥500.0
2480	-	1.272	-	-	≥500.0

Table 40 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	2.040	-	-	-
2440	-	2.040	-	-	-
2480	-	2.040	-	-	-

Table 41 - 99% Bandwidth Results

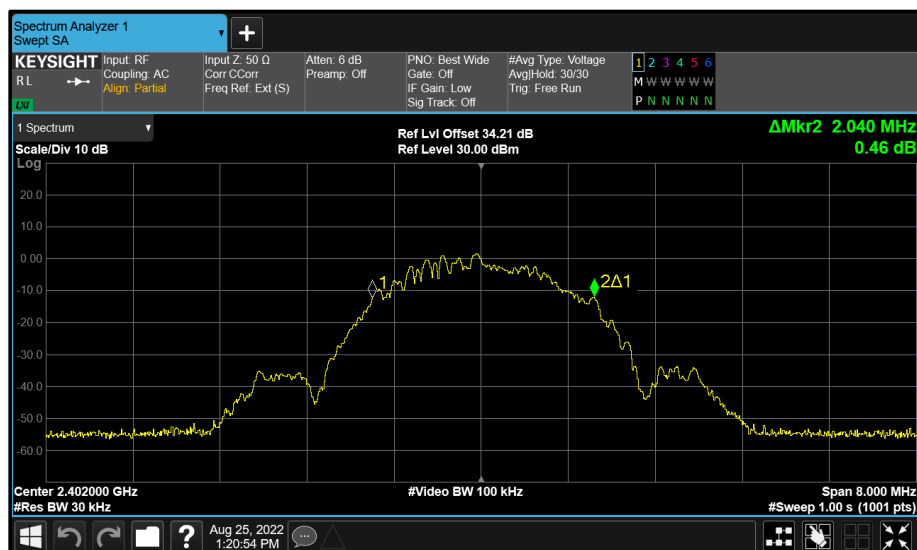


Figure 75 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

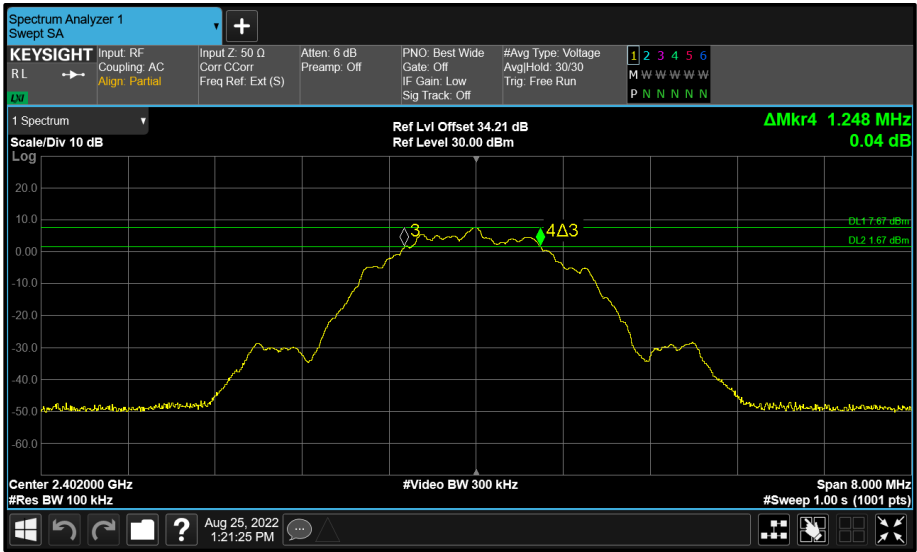


Figure 76 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

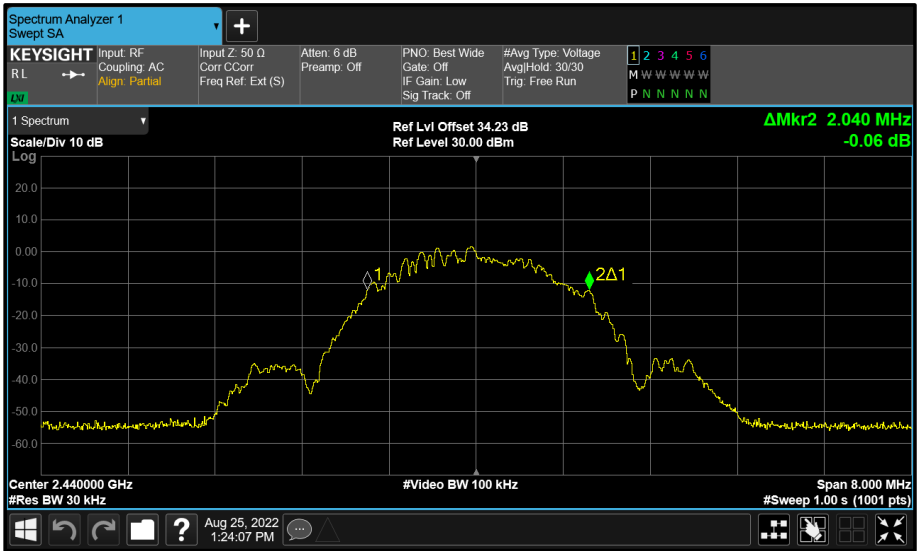
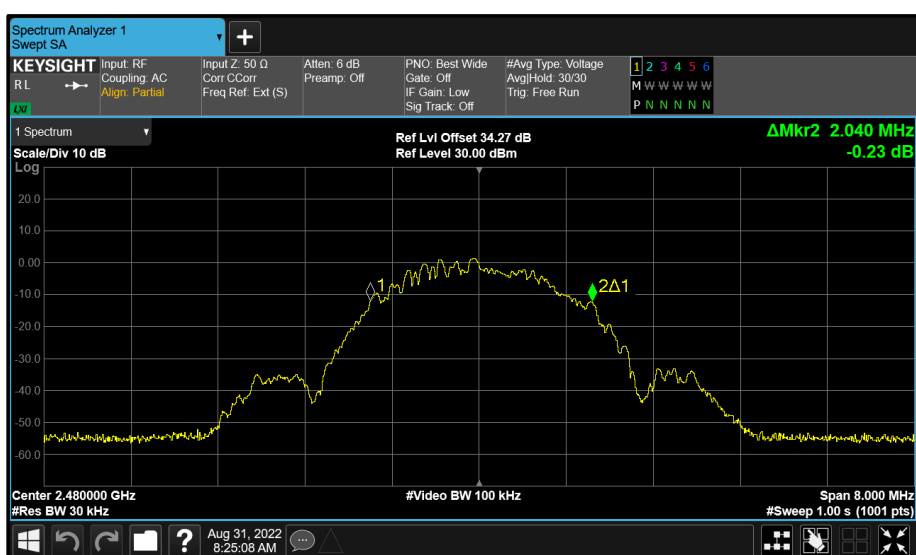
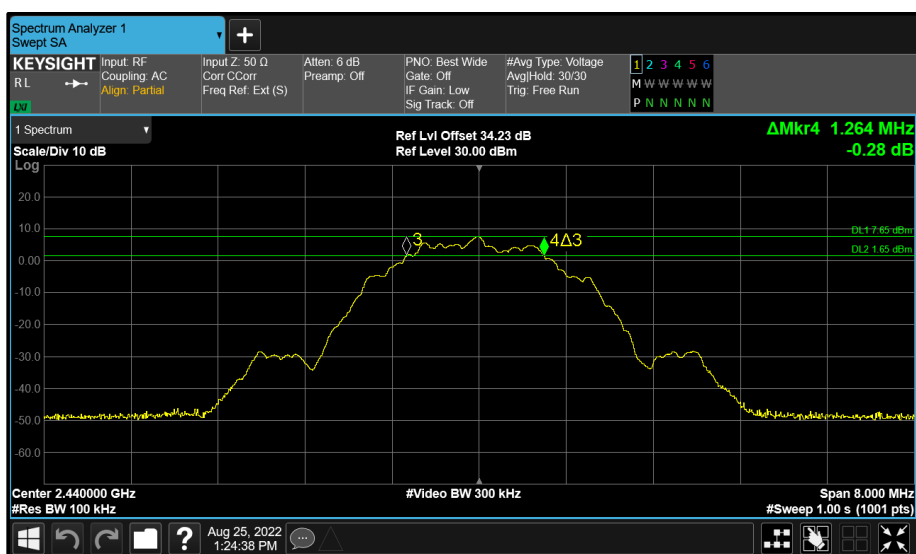


Figure 77 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth



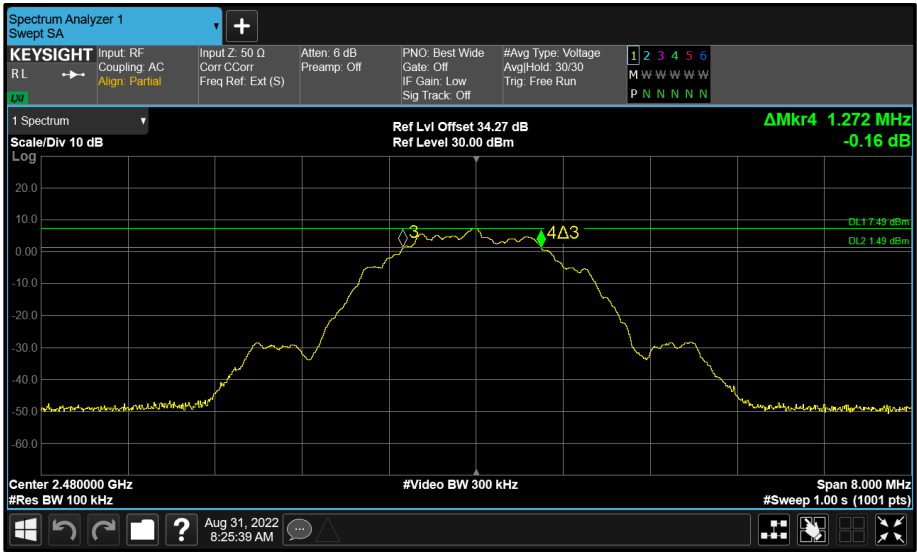


Figure 80 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 1M)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCC (dB):	-
Active Port(s):	C (BT Core 2)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	-	0.728	-	≥500.0
2440	-	-	0.728	-	≥500.0
2480	-	-	0.720	-	≥500.0

Table 42 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	-	1.036	-	-
2440	-	-	1.036	-	-
2480	-	-	1.040	-	-

Table 43 - 99% Bandwidth Results

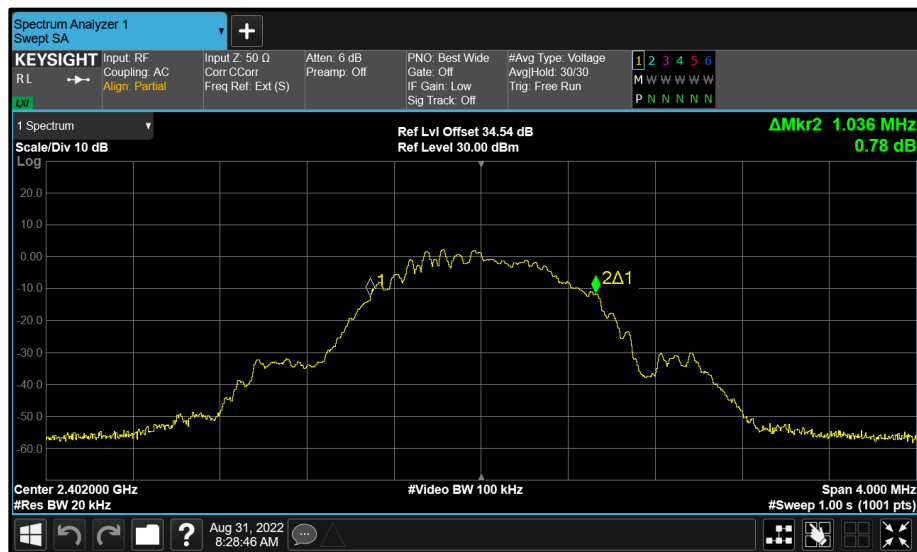


Figure 81 - BT Core 2 (C) 2402 MHz (CH37) 99% Bandwidth

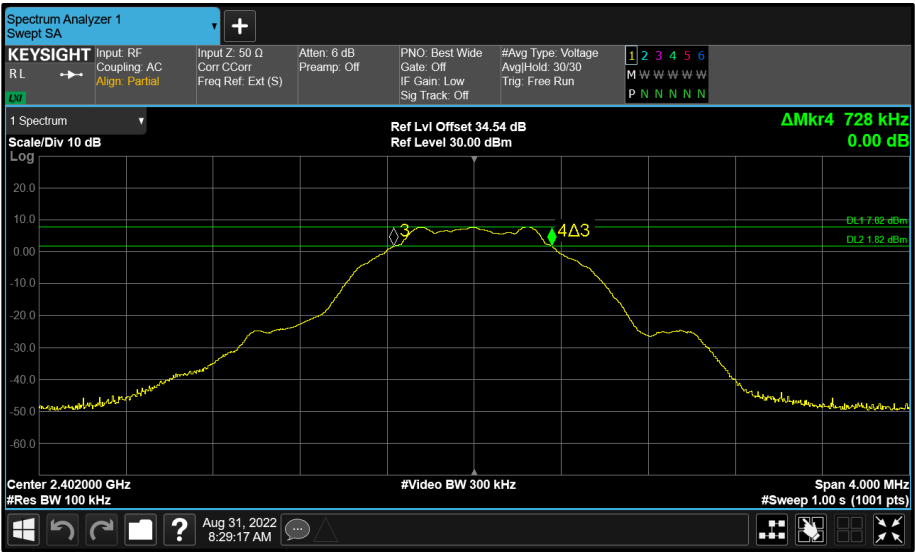


Figure 82 - BT Core 2 (C) 2402 MHz (CH37) 6 dB Bandwidth

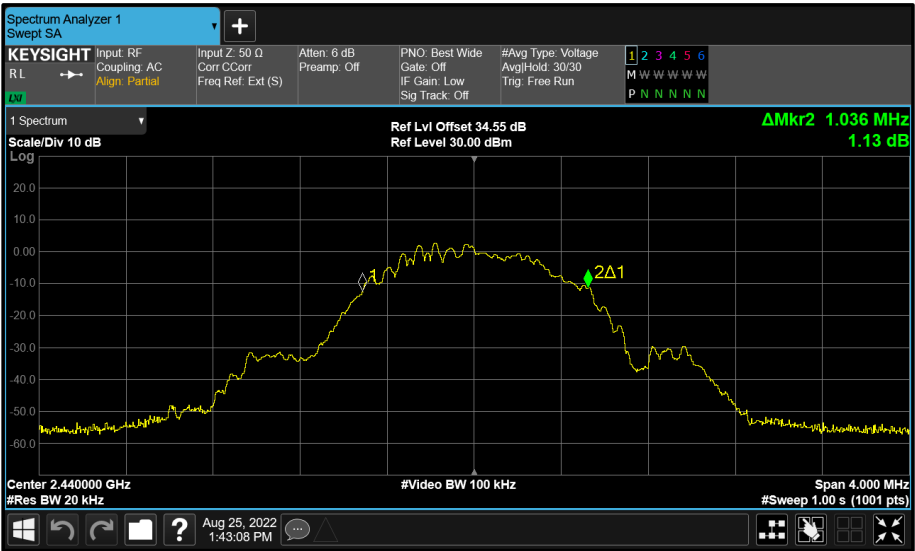


Figure 83 - BT Core 2 (C) 2440 MHz (CH17) 99% Bandwidth

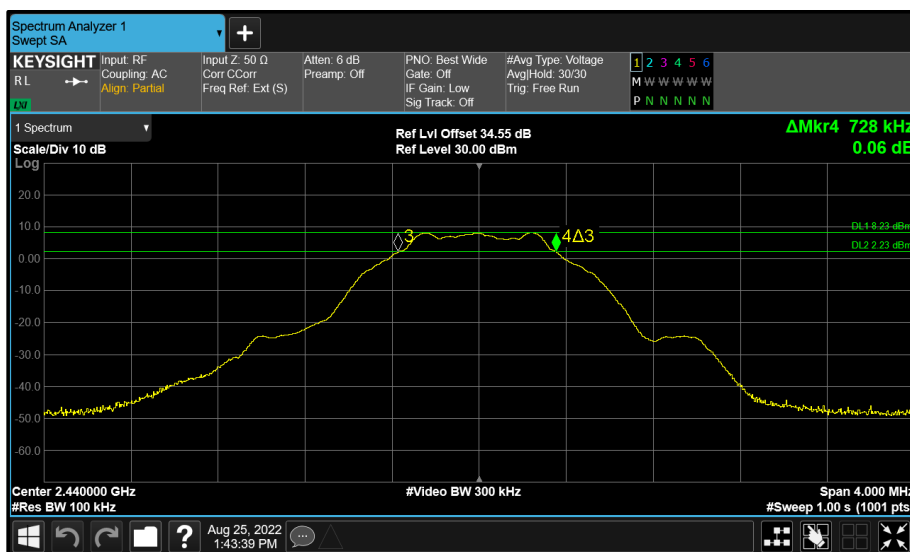


Figure 84 - BT Core 2 (C) 2440 MHz (CH17) 6 dB Bandwidth

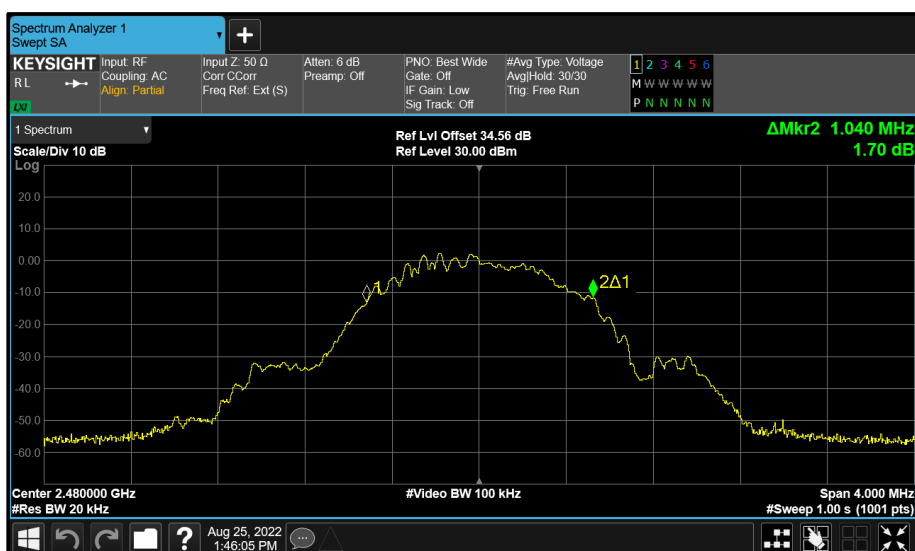


Figure 85 - BT Core 2 (C) 2480 MHz (CH39) 99% Bandwidth

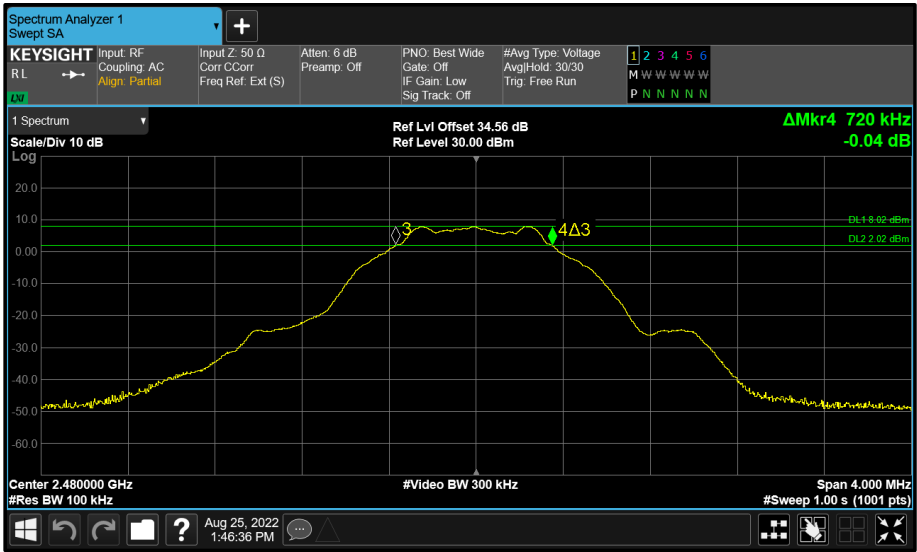


Figure 86 - BT Core 2 (C) 2480 MHz (CH39) 6 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 2M)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (BT Core 2)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	-	1.184	-	≥500.0
2440	-	-	1.184	-	≥500.0
2480	-	-	1.256	-	≥500.0

Table 44 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	-	2.040	-	-
2440	-	-	2.040	-	-
2480	-	-	2.048	-	-

Table 45 - 99% Bandwidth Results

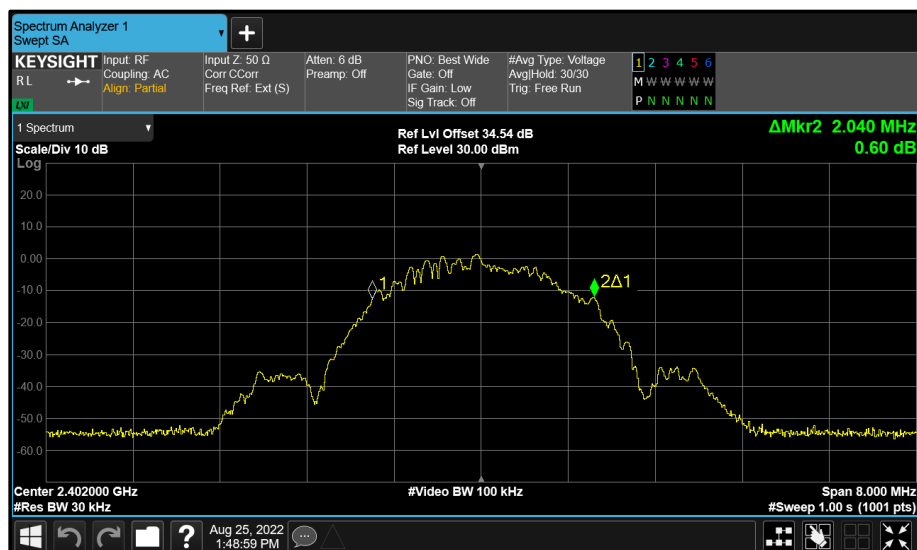


Figure 87 - BT Core 2 (C) 2402 MHz (CH37) 99% Bandwidth

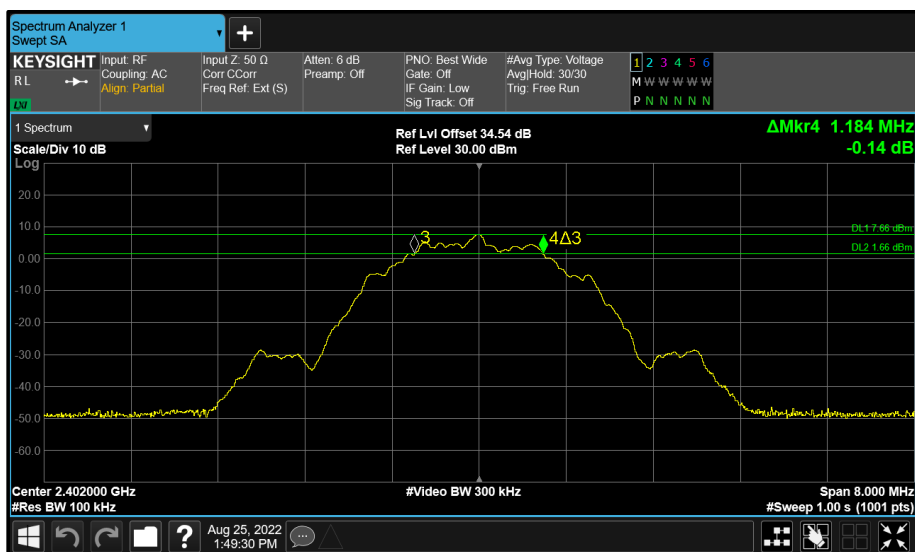


Figure 88 - BT Core 2 (C) 2402 MHz (CH37) 6 dB Bandwidth

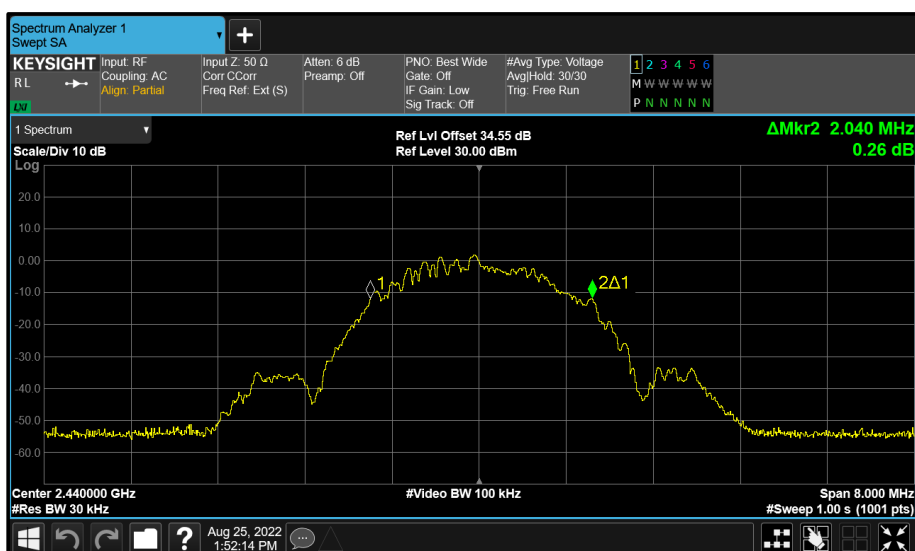


Figure 89 - BT Core 2 (C) 2440 MHz (CH17) 99% Bandwidth

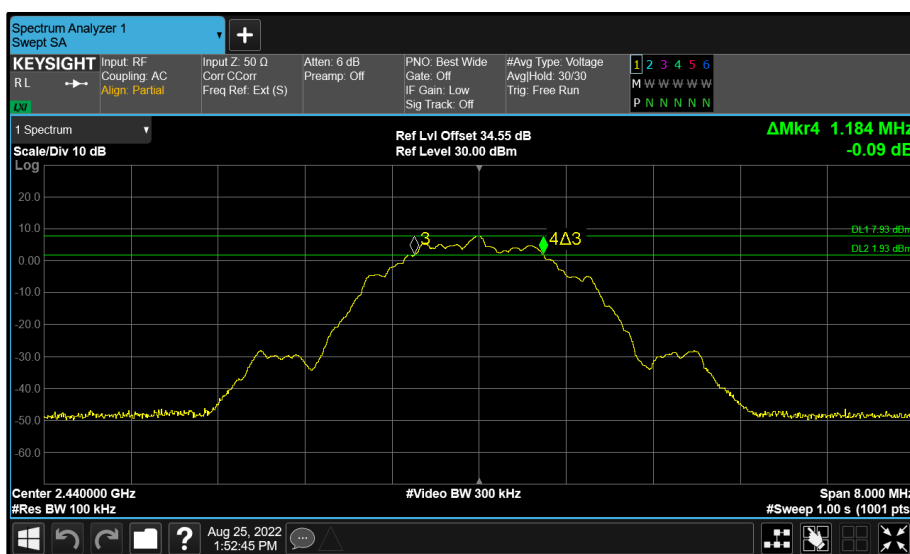


Figure 90 - BT Core 2 (C) 2440 MHz (CH17) 6 dB Bandwidth



Figure 91 - BT Core 2 (C) 2480 MHz (CH39) 99% Bandwidth

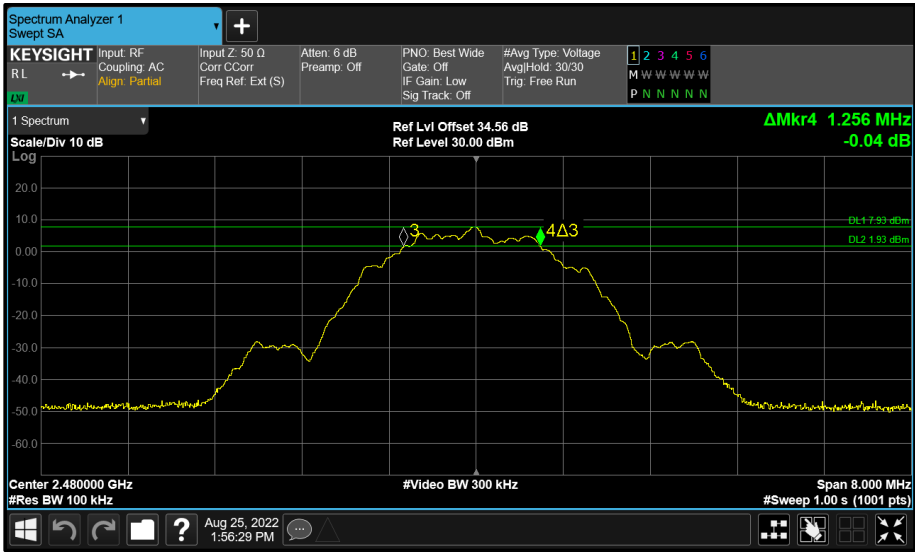


Figure 92 - BT Core 2 (C) 2480 MHz (CH39) 6 dB Bandwidth



MIMO TxBE

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	1.904	1.912	-	-	≥ 500.0
2441	1.904	1.904	-	-	≥ 500.0
2476	1.896	1.896	-	-	≥ 500.0

Table 46 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	2.328	2.328	-	-	-
2441	2.328	2.328	-	-	-
2476	2.328	2.336	-	-	-

Table 47 - 99% Bandwidth Results



Figure 93 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

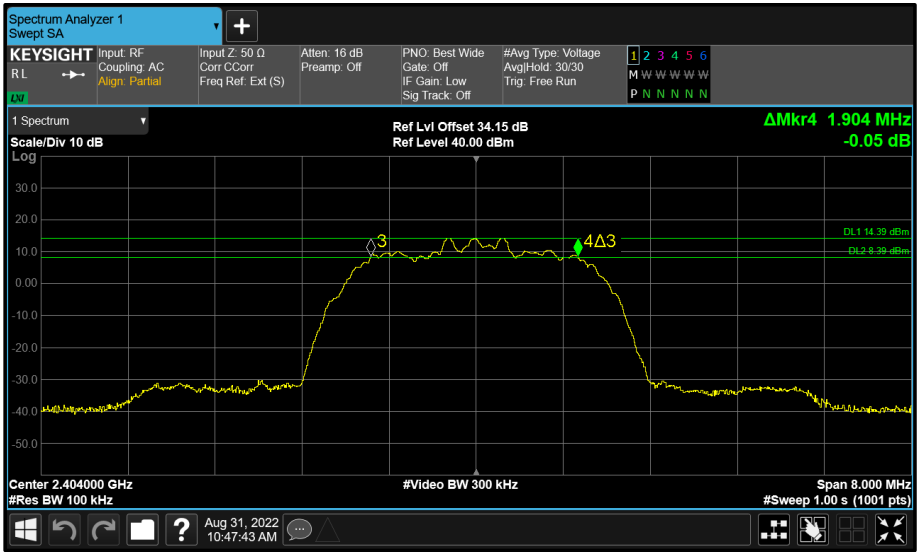


Figure 94 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

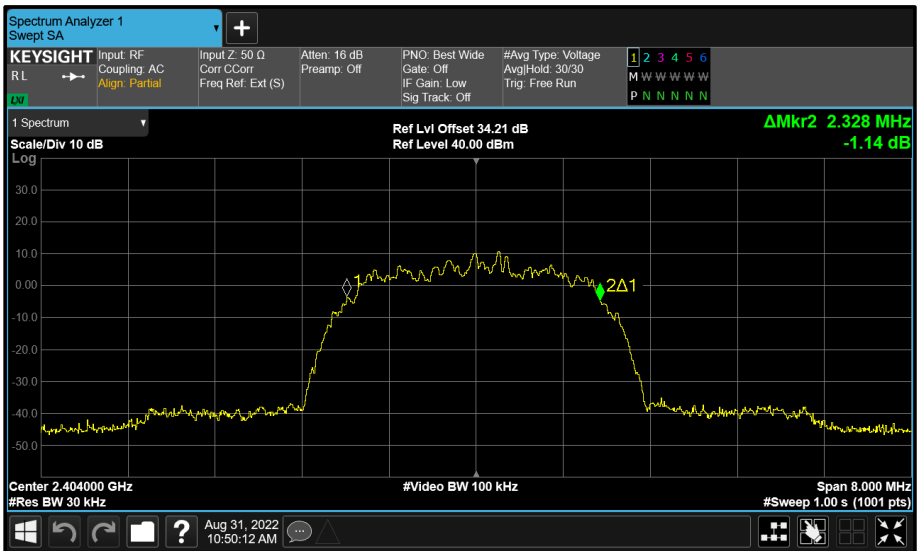


Figure 95 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

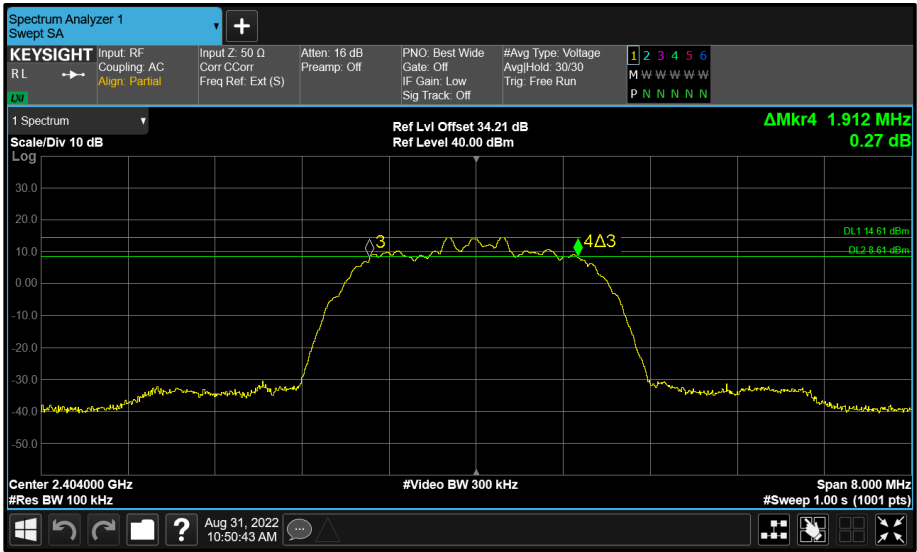


Figure 96 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

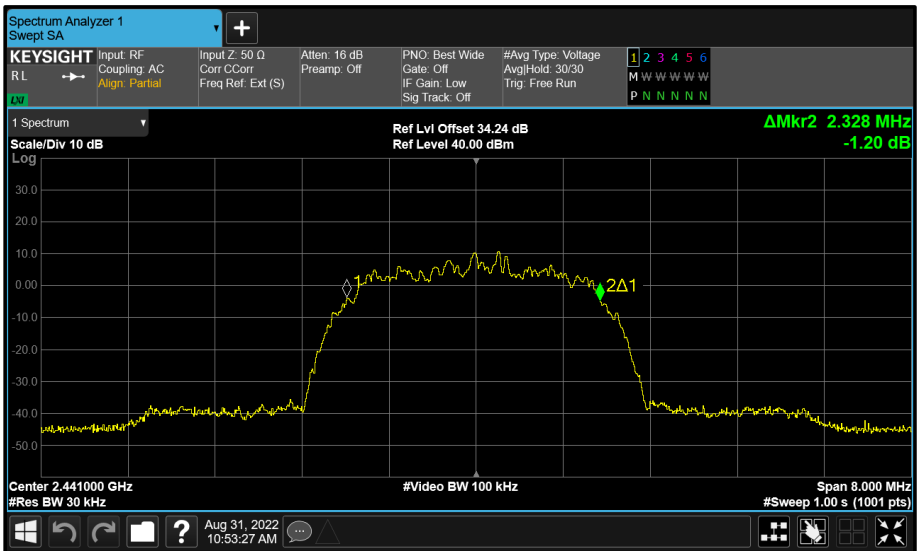


Figure 97 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

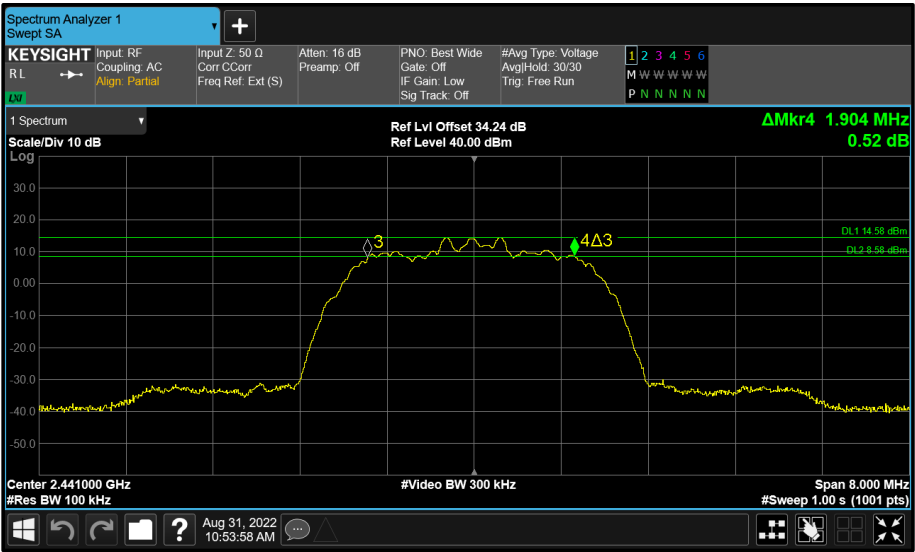


Figure 98 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

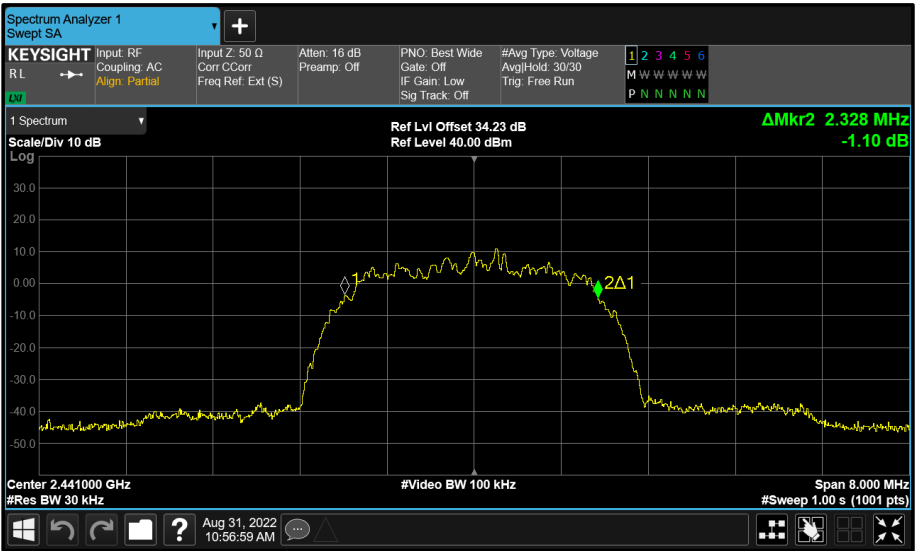


Figure 99 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

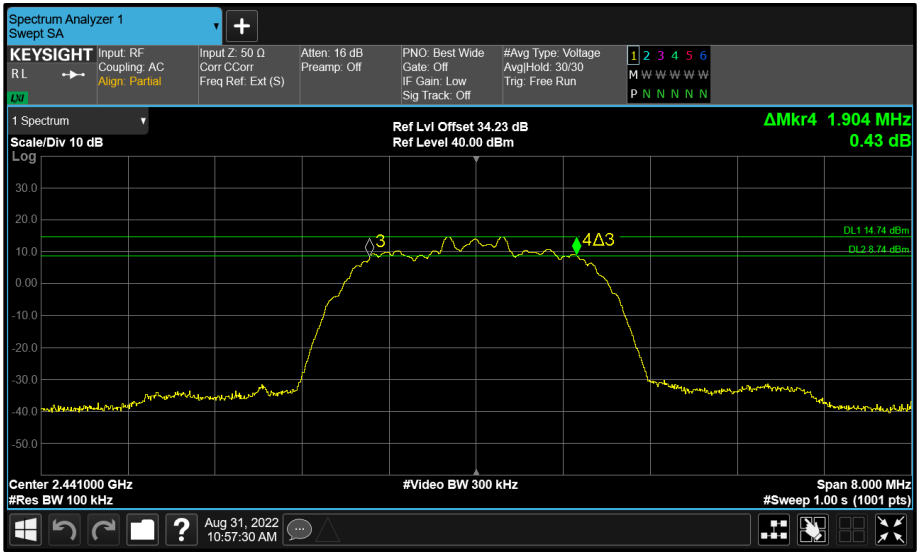


Figure 100 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

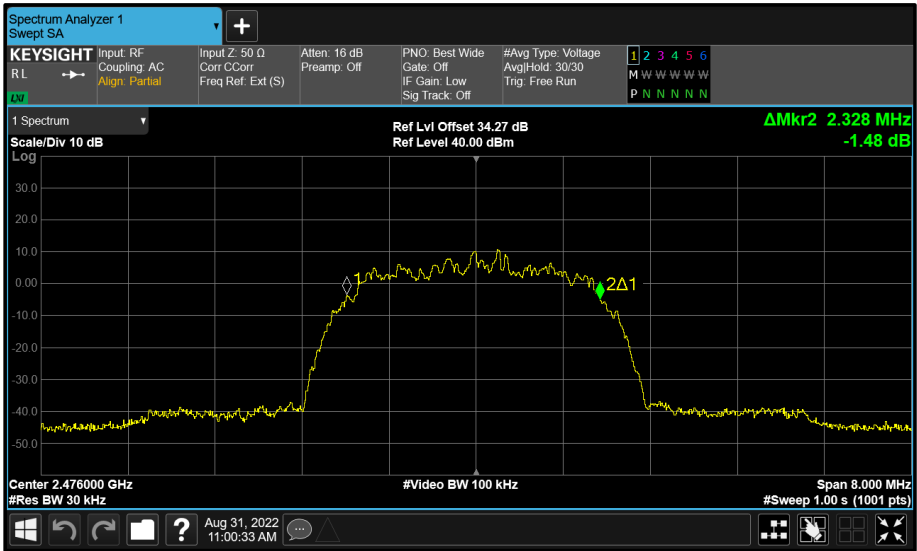


Figure 101 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

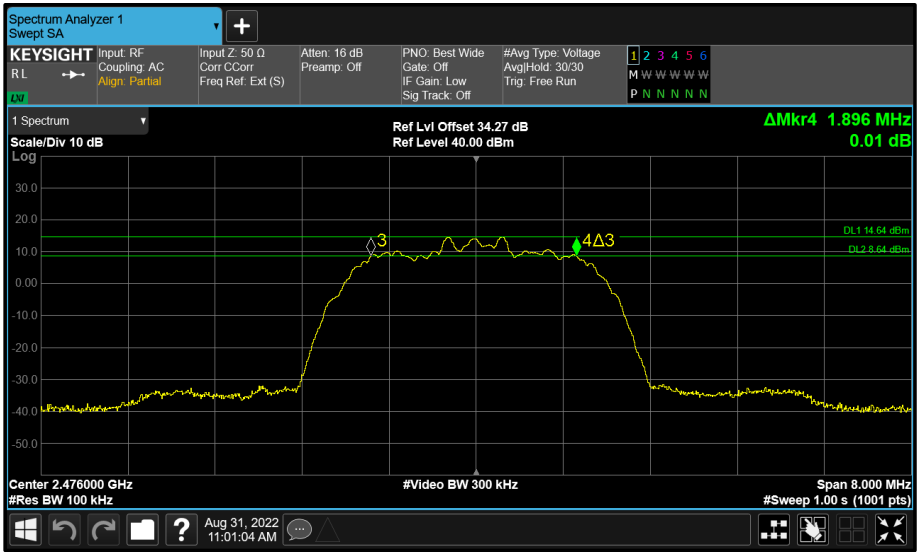


Figure 102 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

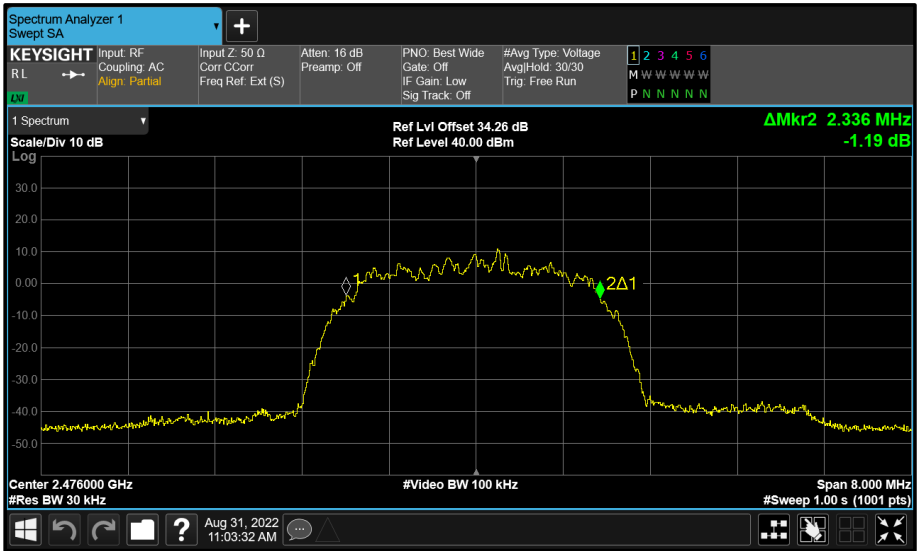


Figure 103 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

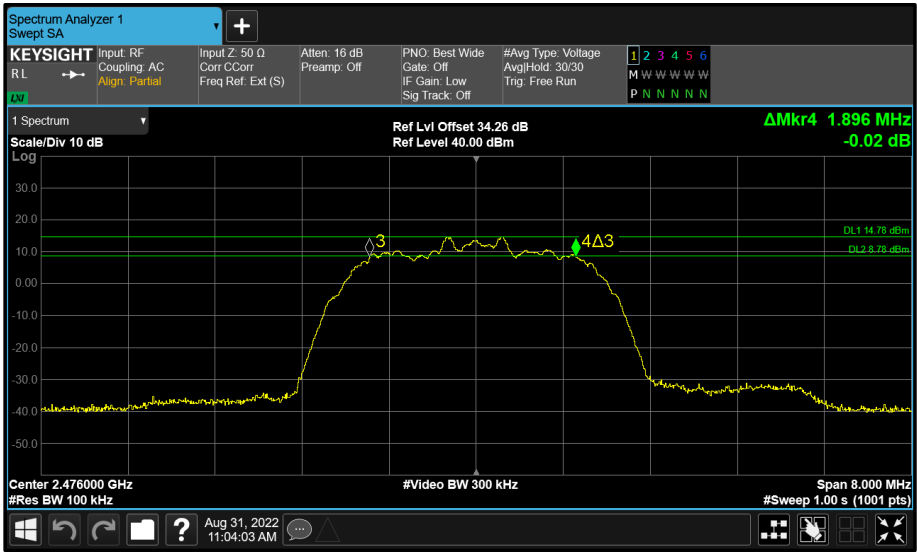


Figure 104 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	1.005	1.020	-	-	≥ 500.0
2441	1.005	1.020	-	-	≥ 500.0
2476	1.020	1.020	-	-	≥ 500.0

Table 48 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	4.635	4.635	-	-	-
2441	4.635	4.635	-	-	-
2476	4.635	4.620	-	-	-

Table 49 - 99% Bandwidth Results

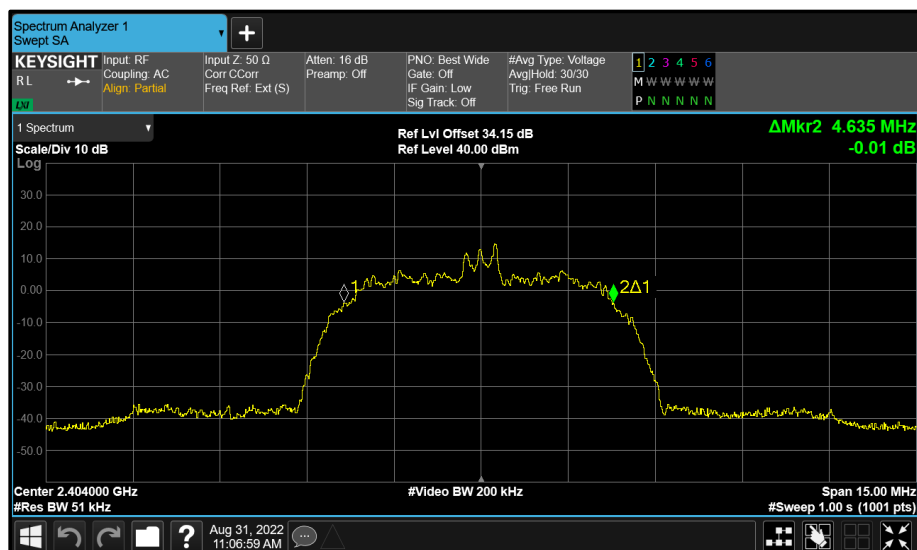


Figure 105 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

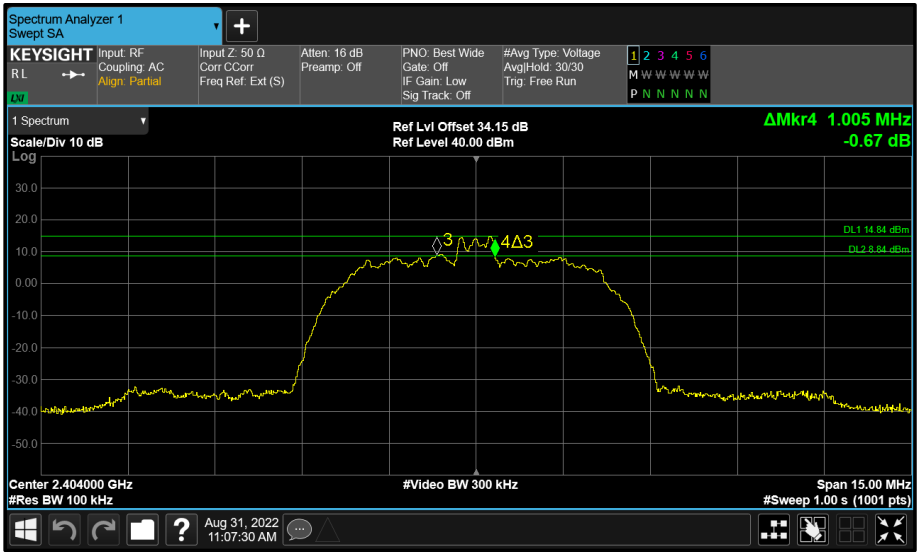


Figure 106 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

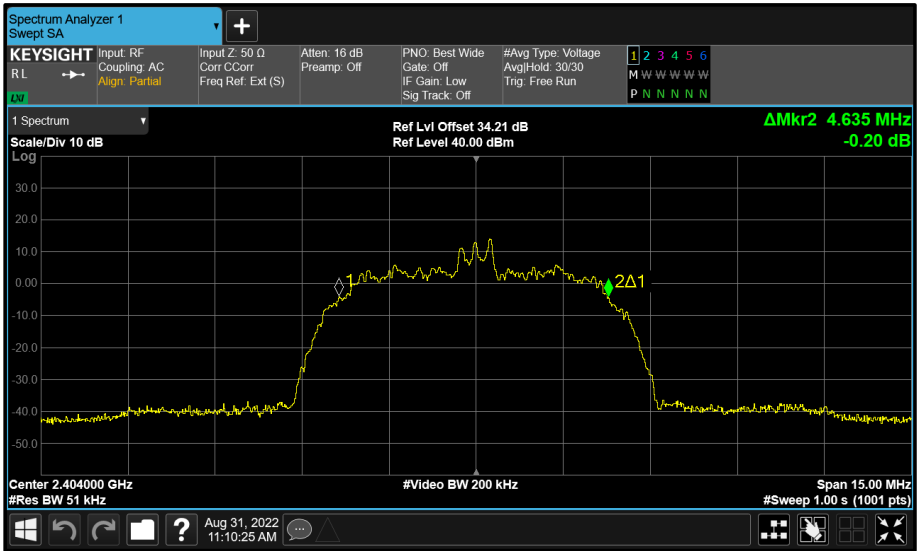
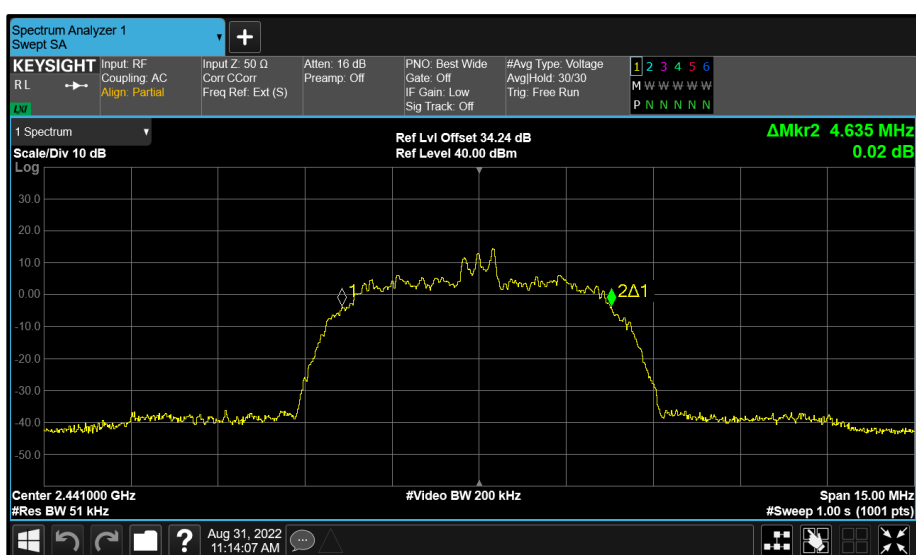
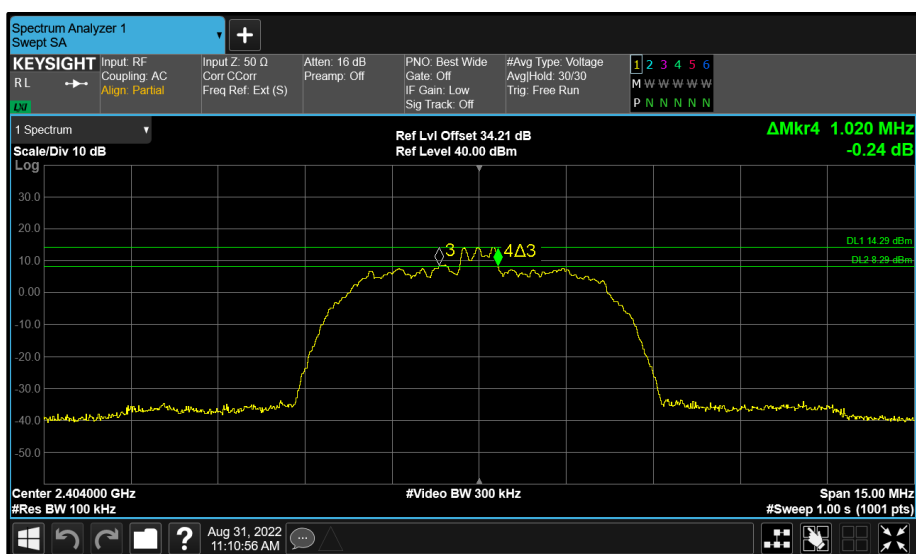


Figure 107 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth



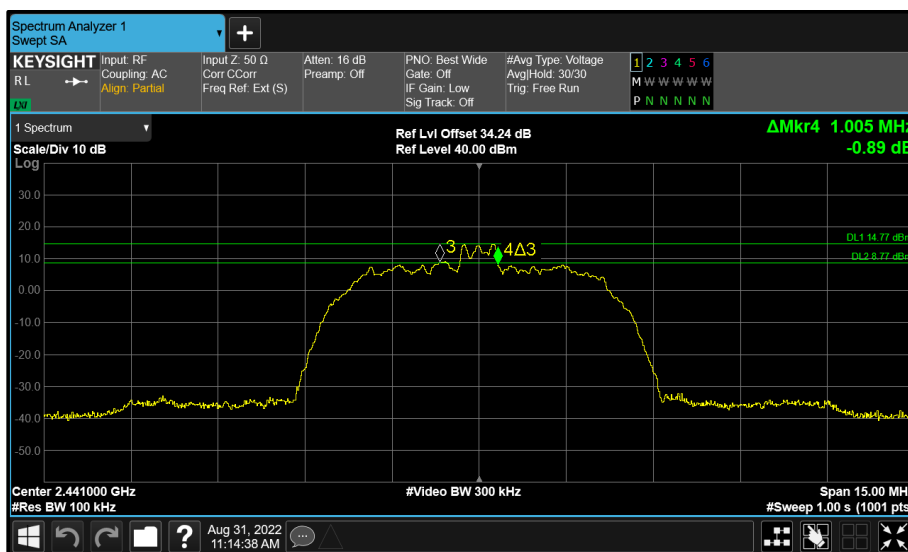


Figure 110 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

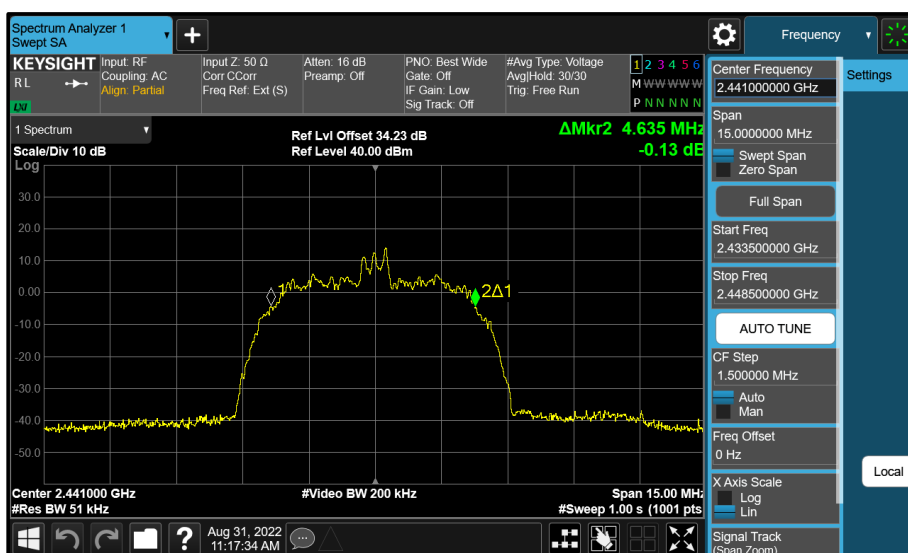


Figure 111 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

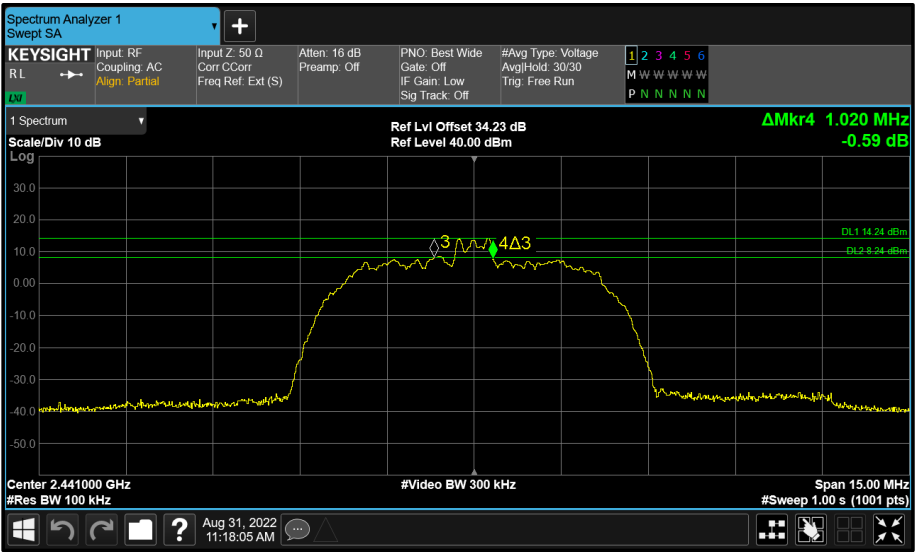


Figure 112 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

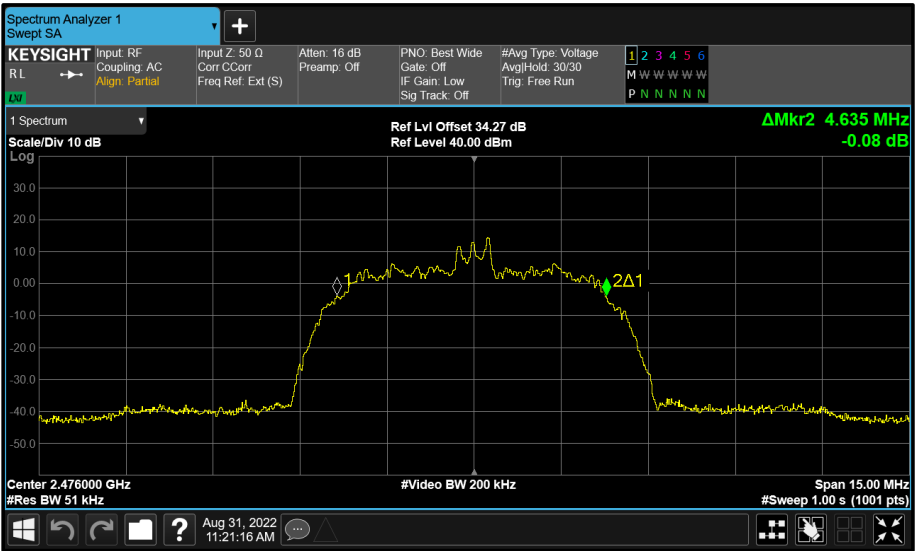


Figure 113 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

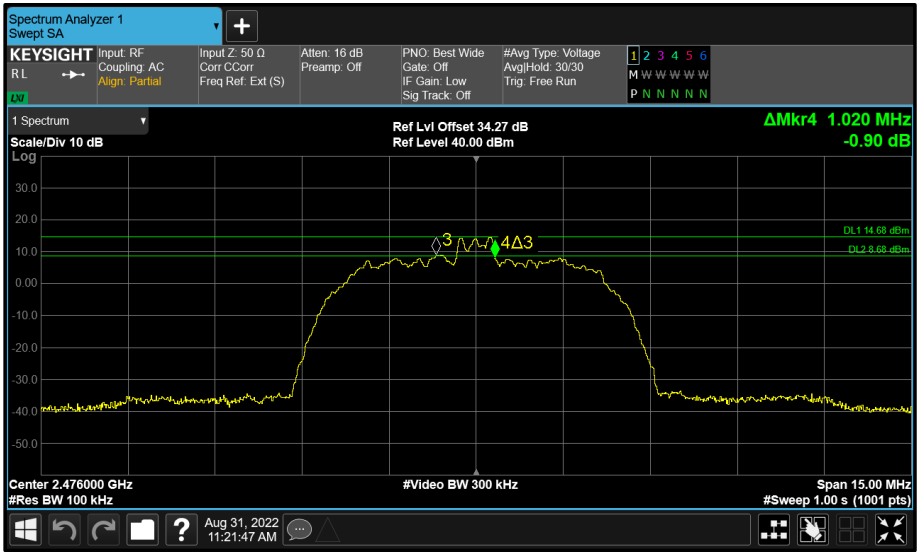


Figure 114 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

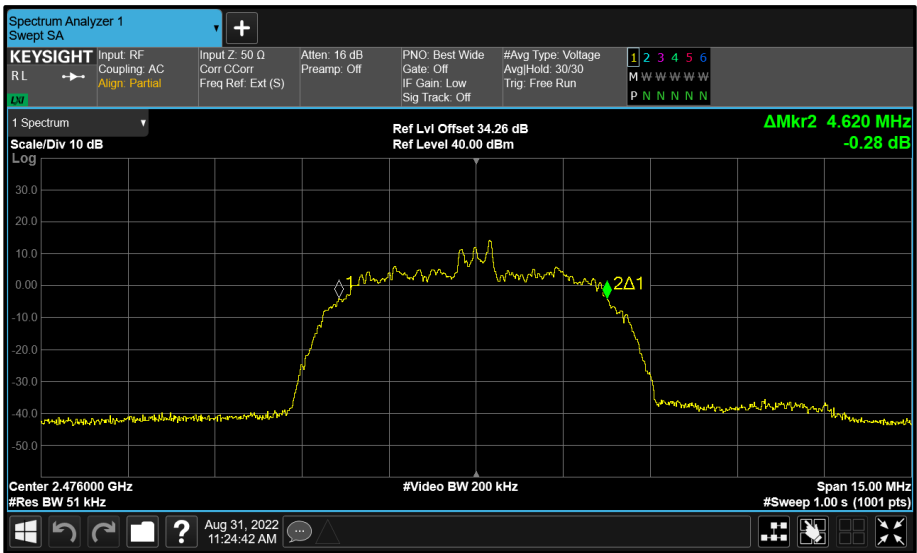


Figure 115 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

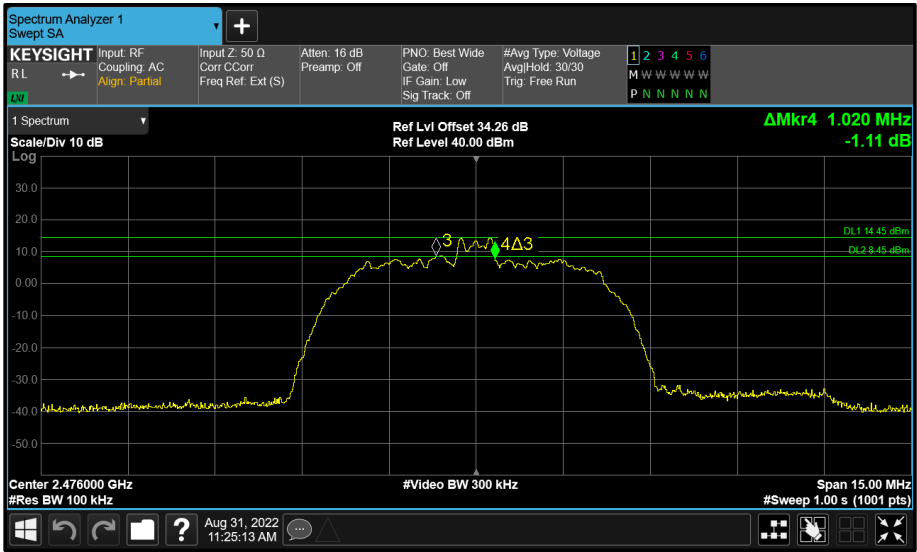


Figure 116 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	1.888	1.896	-	-	≥ 500.0
2441	1.896	1.888	-	-	≥ 500.0
2476	1.896	1.896	-	-	≥ 500.0

Table 50 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	2.320	2.328	-	-	-
2441	2.320	2.320	-	-	-
2476	2.320	2.320	-	-	-

Table 51 - 99% Bandwidth Results

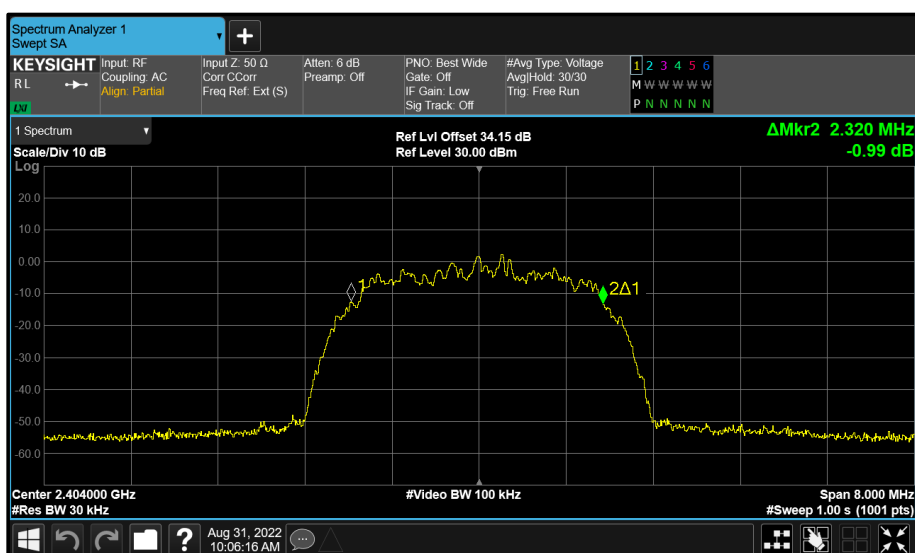
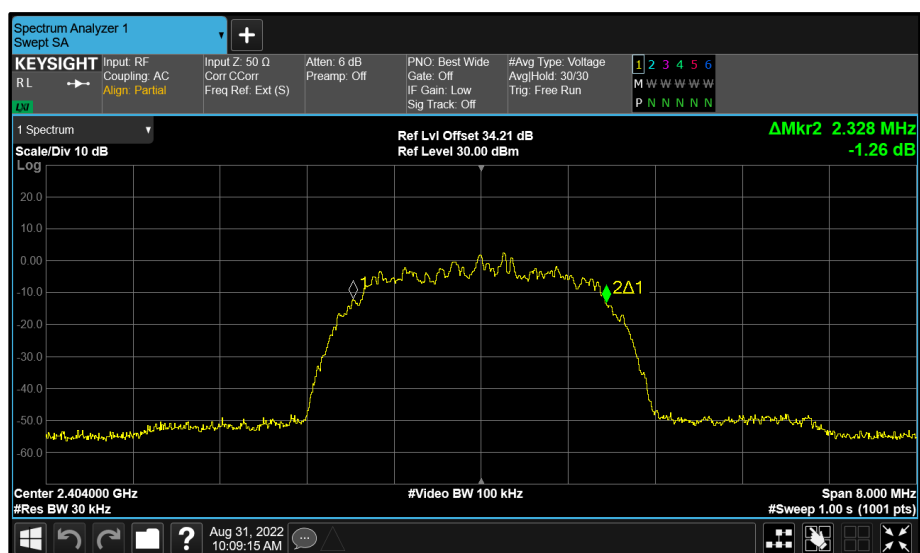
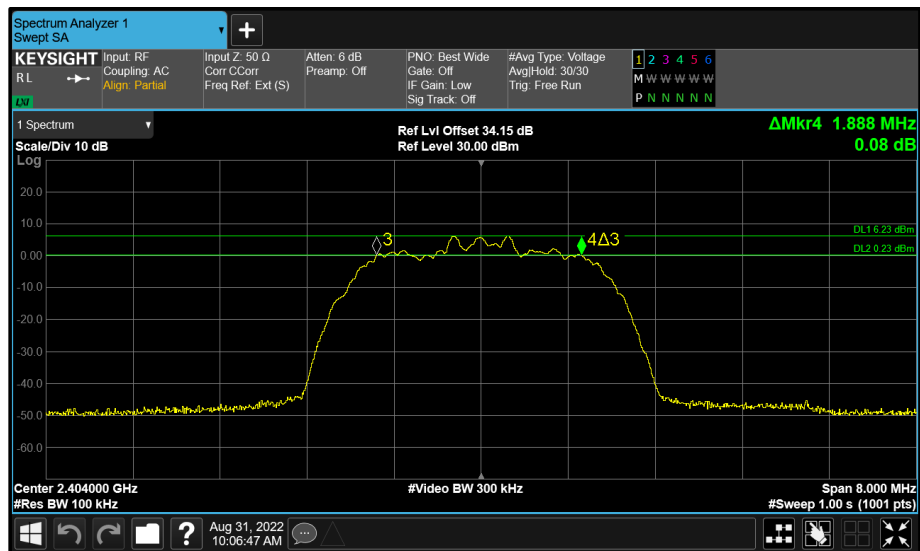


Figure 117 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth



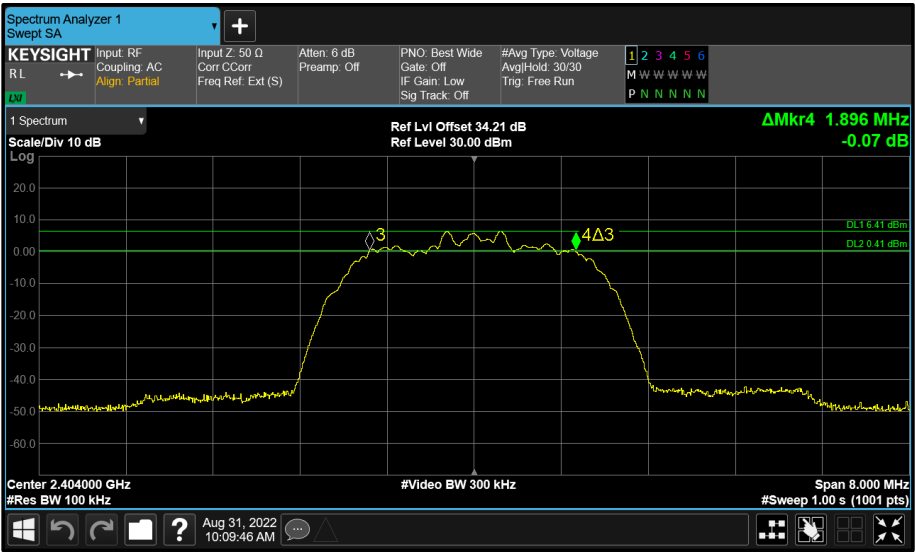


Figure 120 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

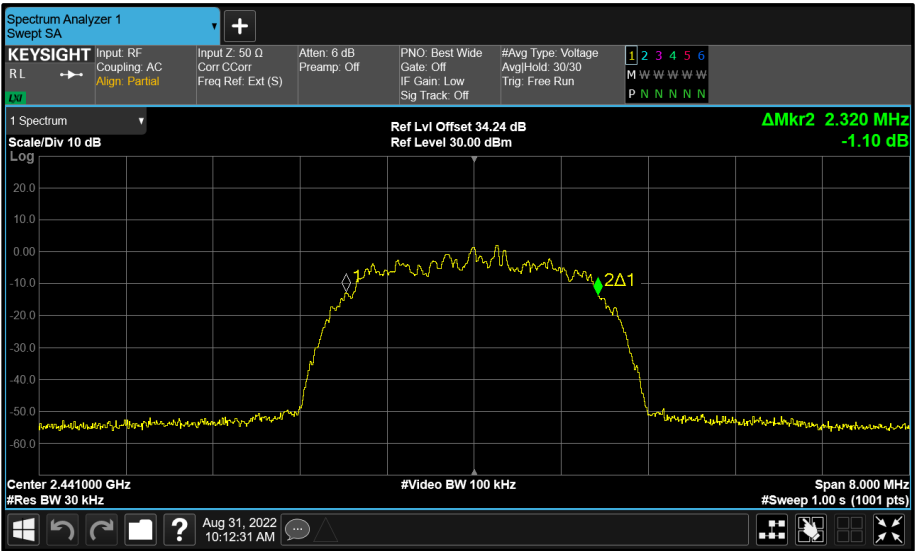


Figure 121 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

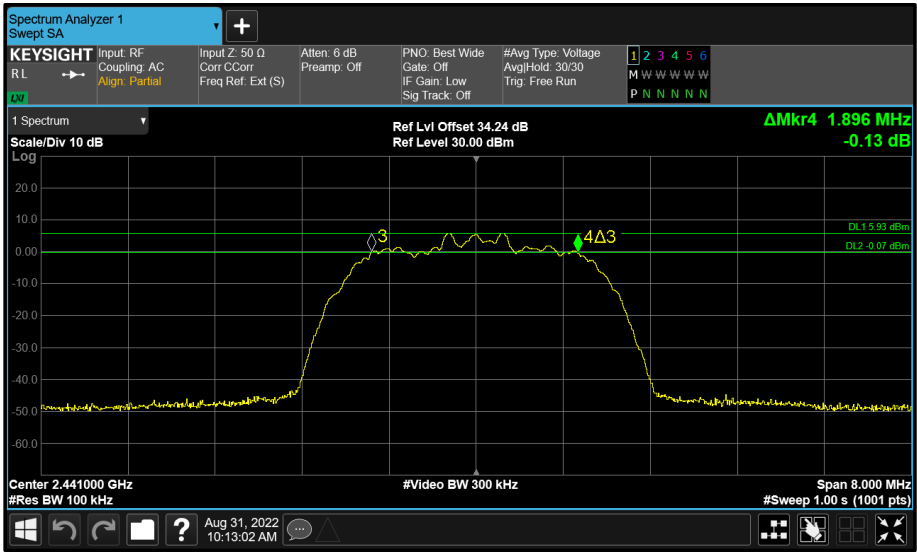


Figure 122 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

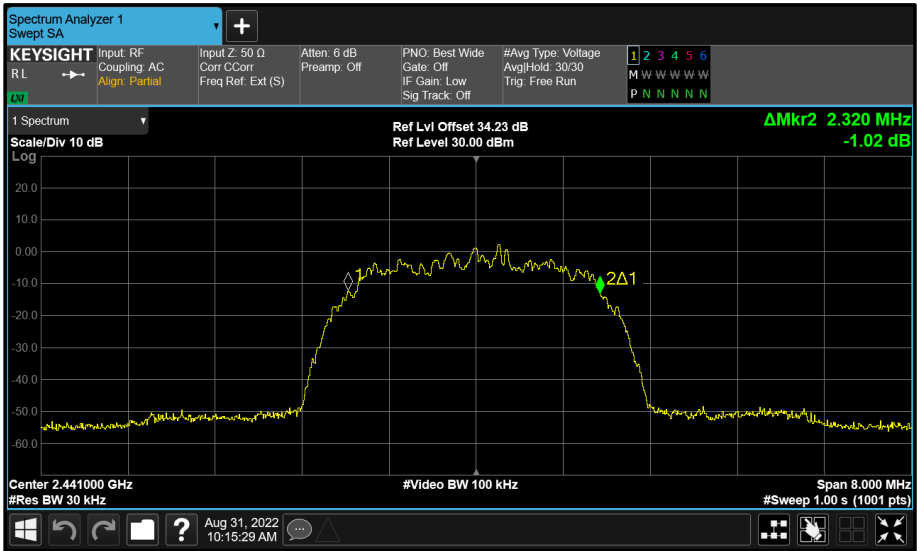


Figure 123 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

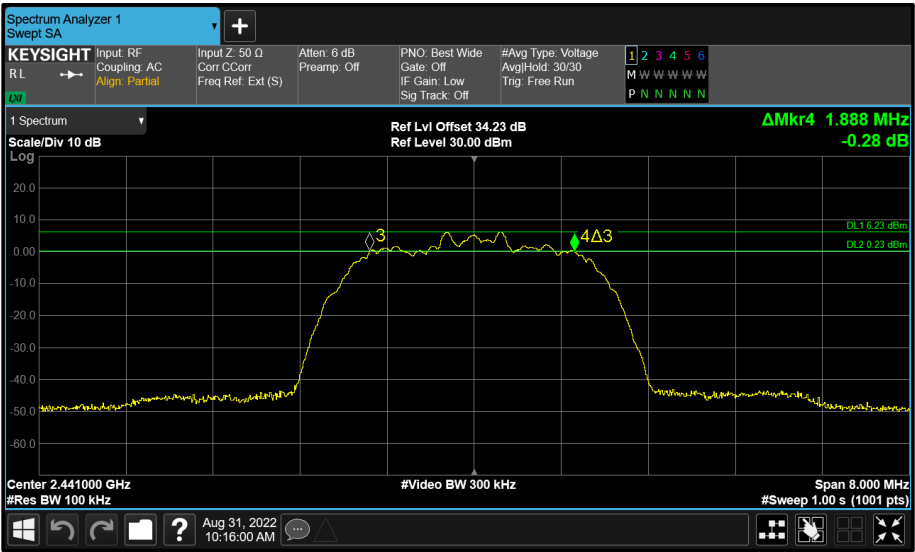


Figure 124 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

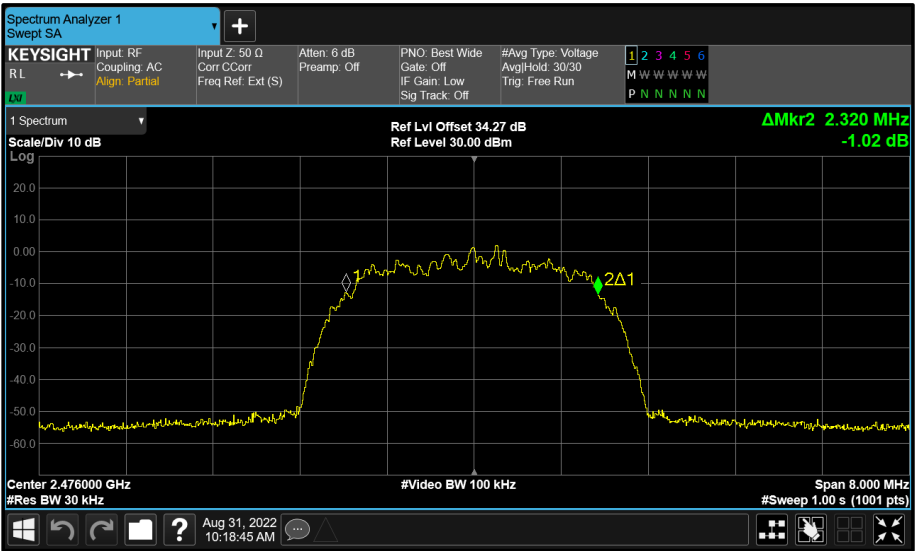


Figure 125 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

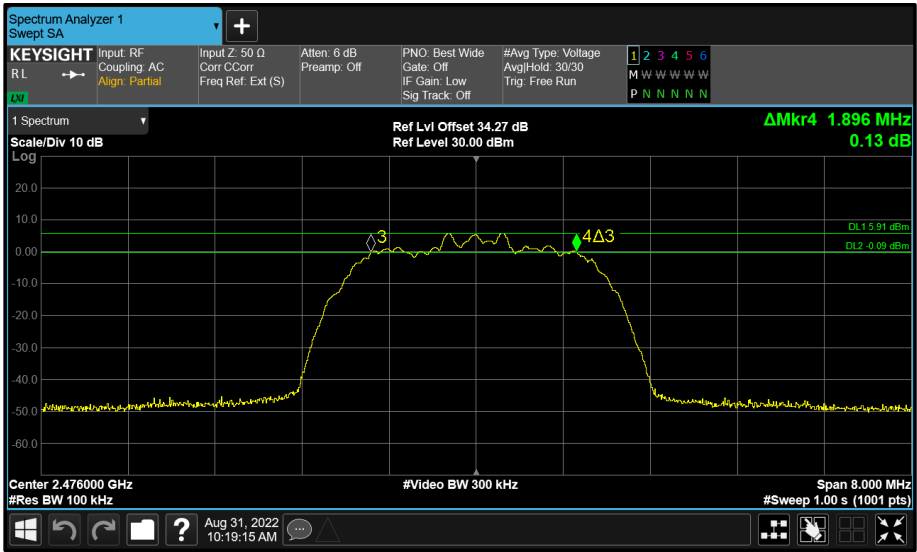


Figure 126 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

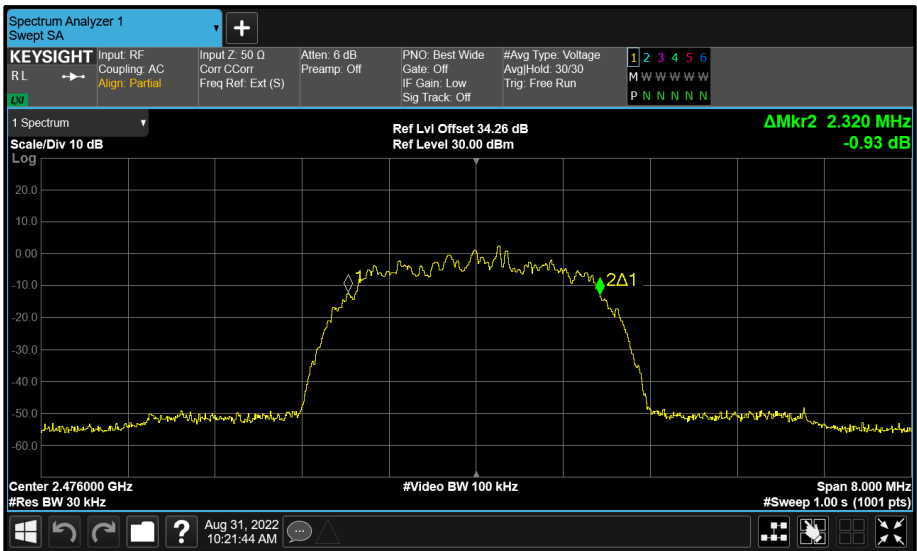


Figure 127 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

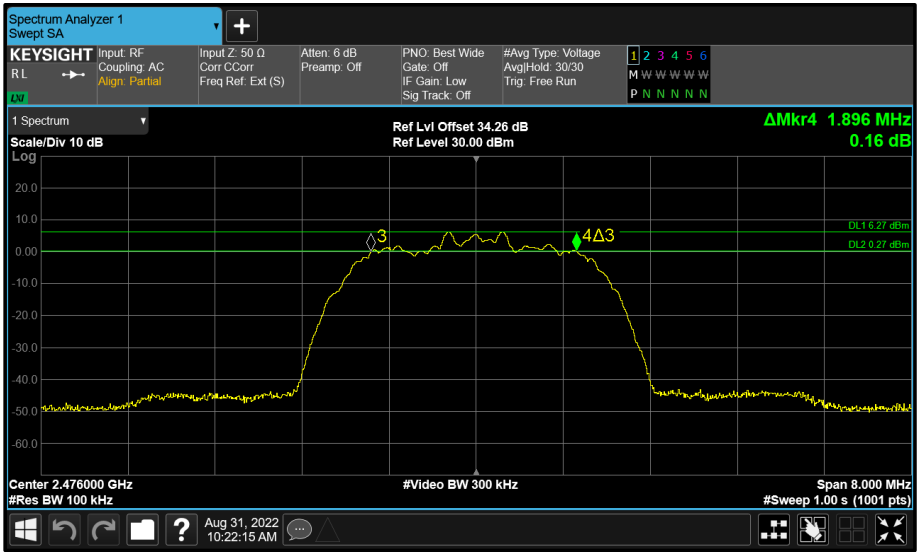


Figure 128 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	1.020	1.020	-	-	≥ 500.0
2441	1.020	1.005	-	-	≥ 500.0
2476	1.020	1.020	-	-	≥ 500.0

Table 52 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	4.620	4.620	-	-	-
2441	4.635	4.620	-	-	-
2476	4.635	4.635	-	-	-

Table 53 - 99% Bandwidth Results

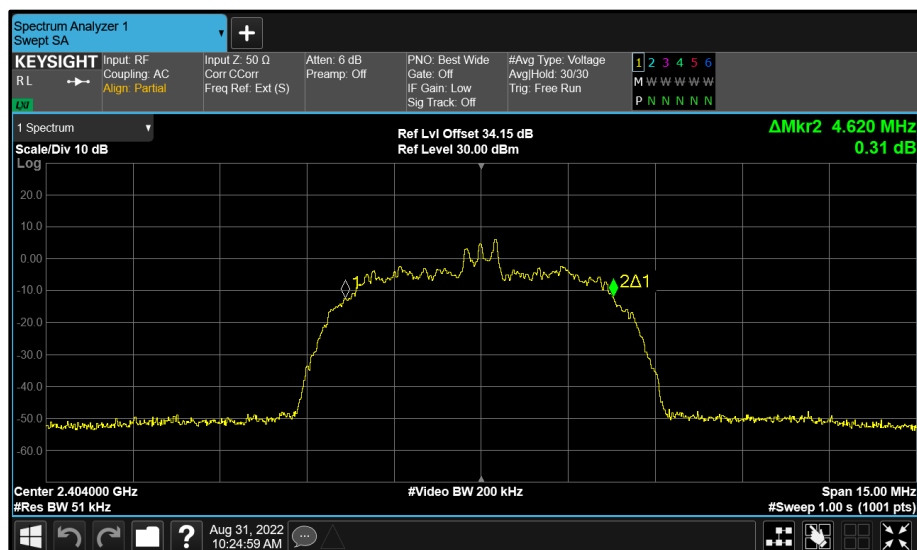


Figure 129 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

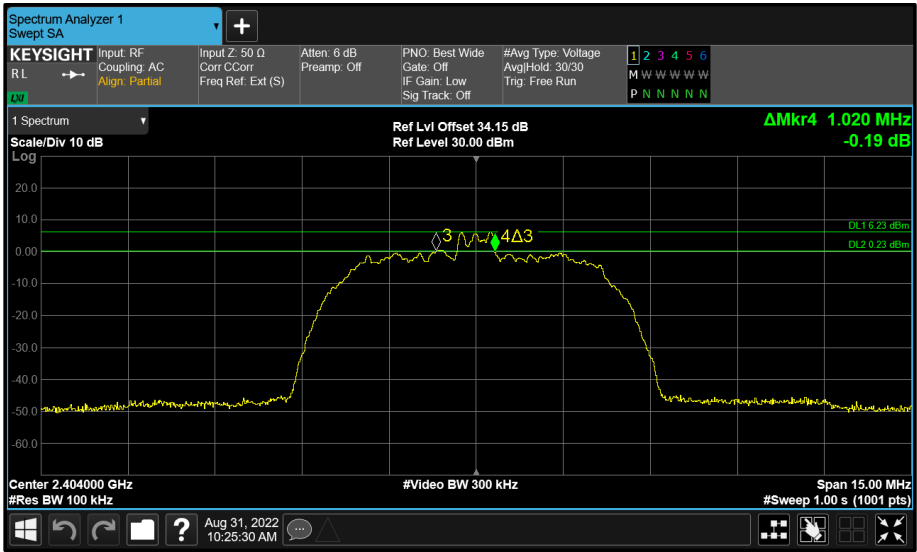


Figure 130 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

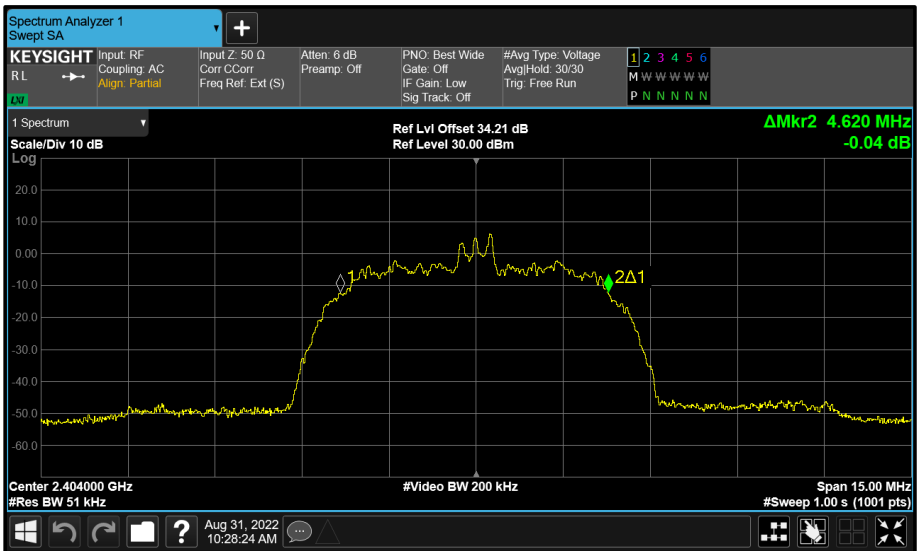


Figure 131 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

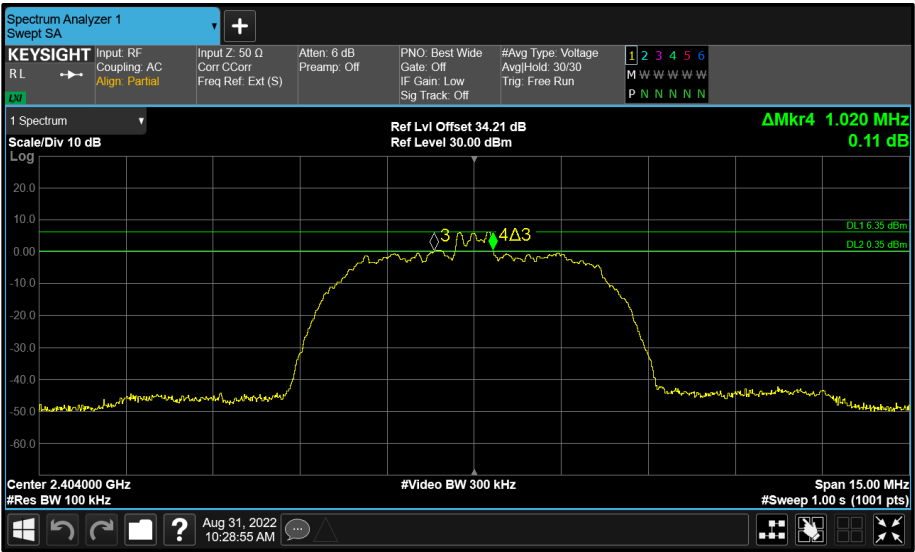


Figure 132 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

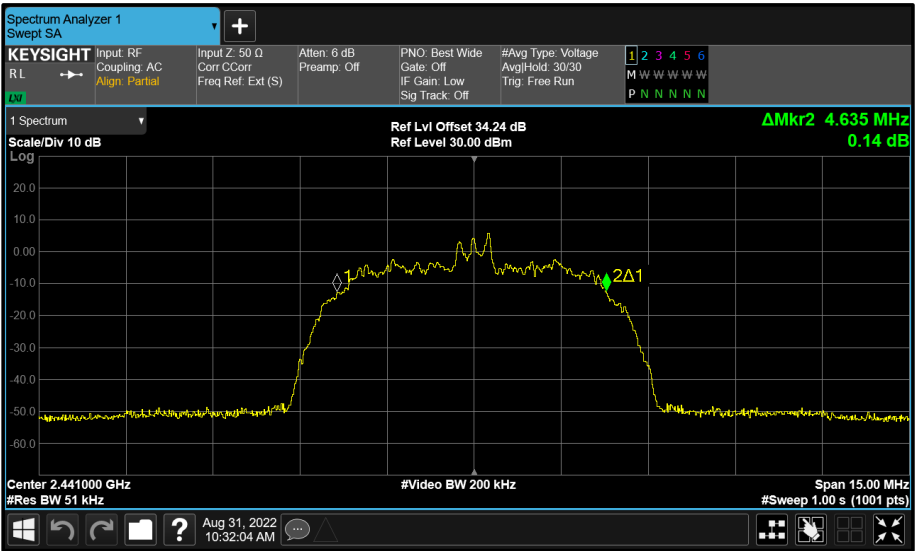
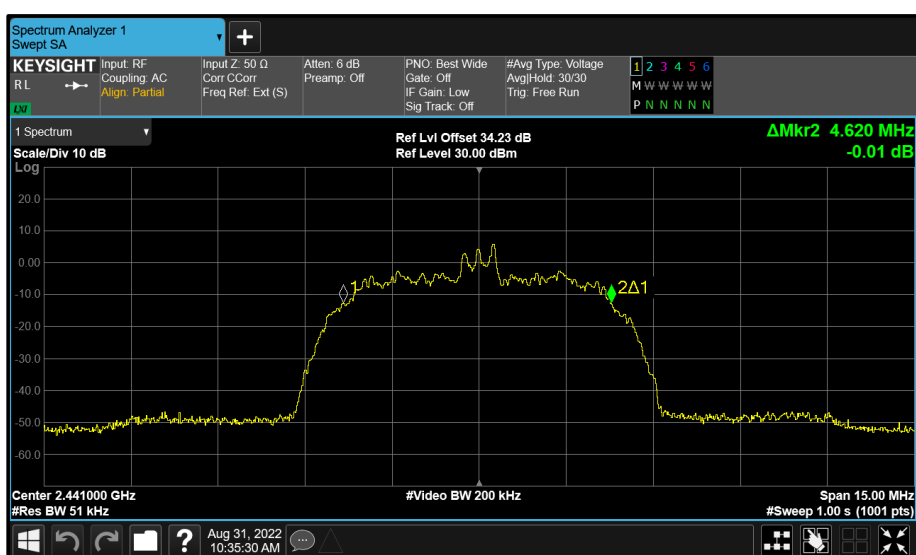
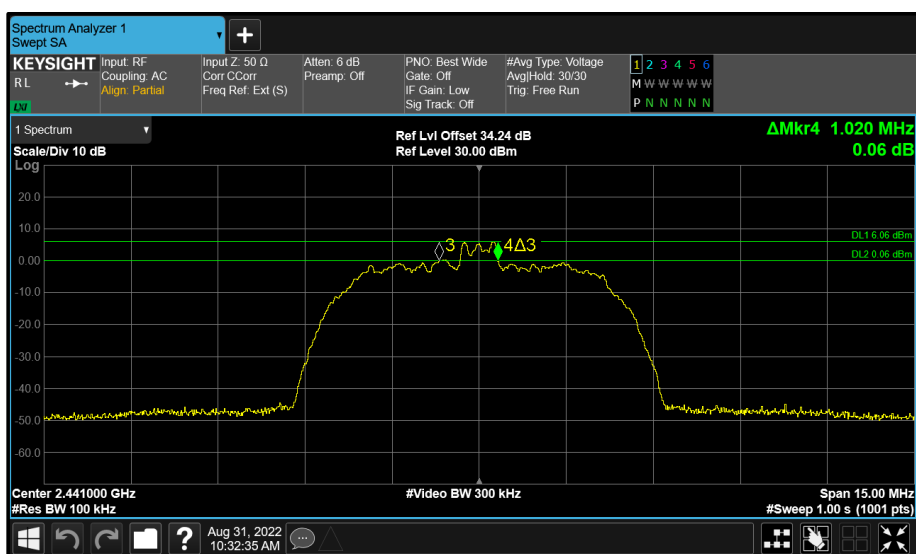


Figure 133 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth



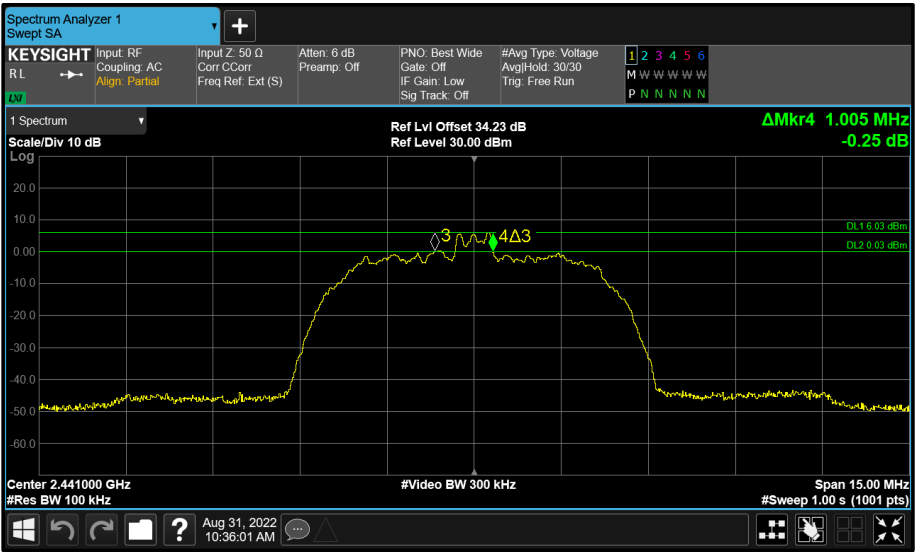


Figure 136 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

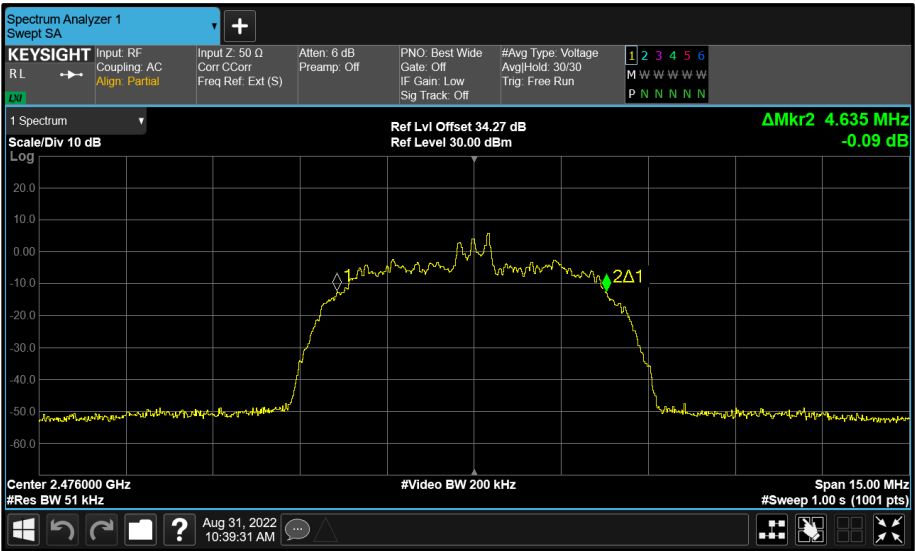


Figure 137 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth



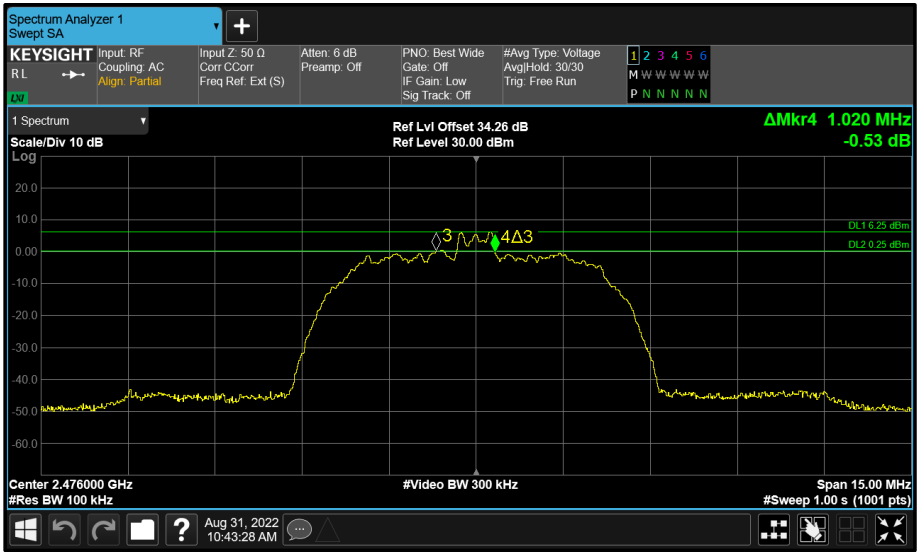


Figure 140 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 1M)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	0.724	0.724	-	-	≥500.0
2440	0.728	0.704	-	-	≥500.0
2480	0.716	0.728	-	-	≥500.0

Table 54 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.040	1.040	-	-	-
2440	1.036	1.036	-	-	-
2480	1.040	1.040	-	-	-

Table 55 - 99% Bandwidth Results

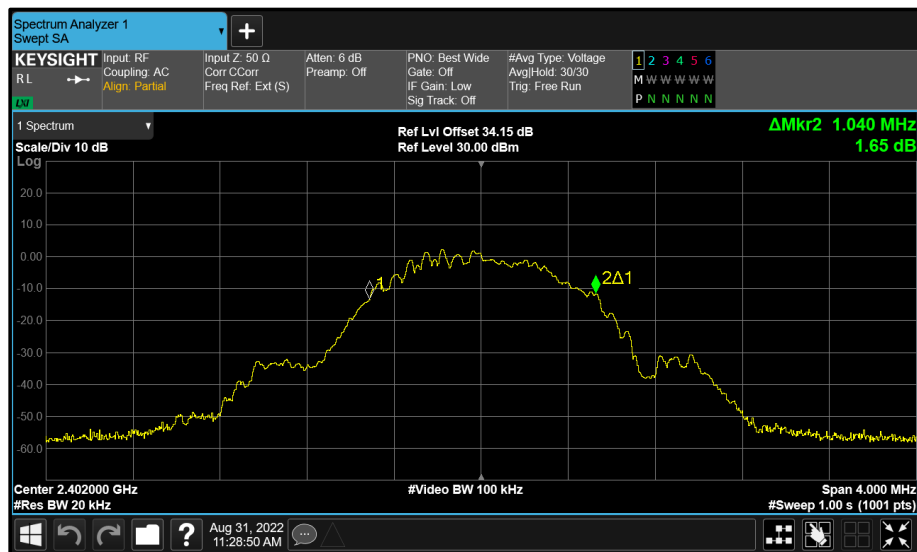
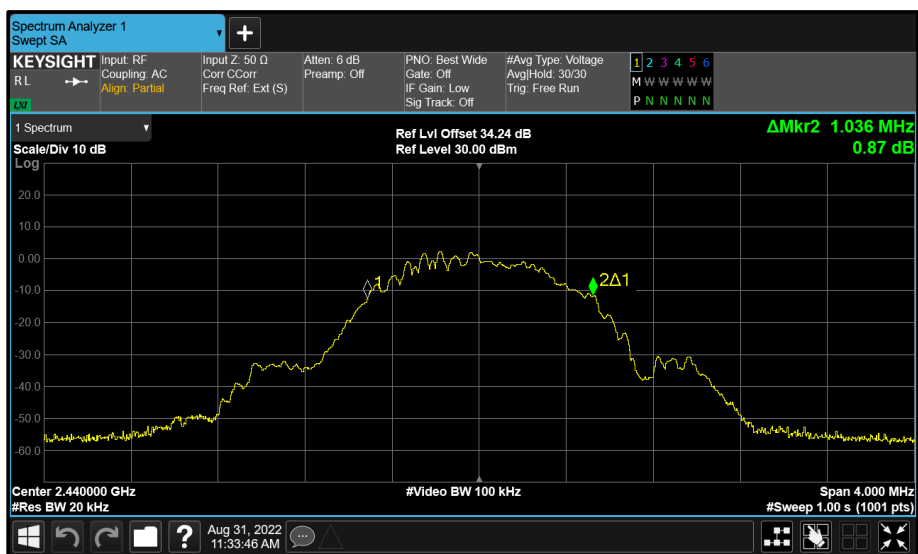
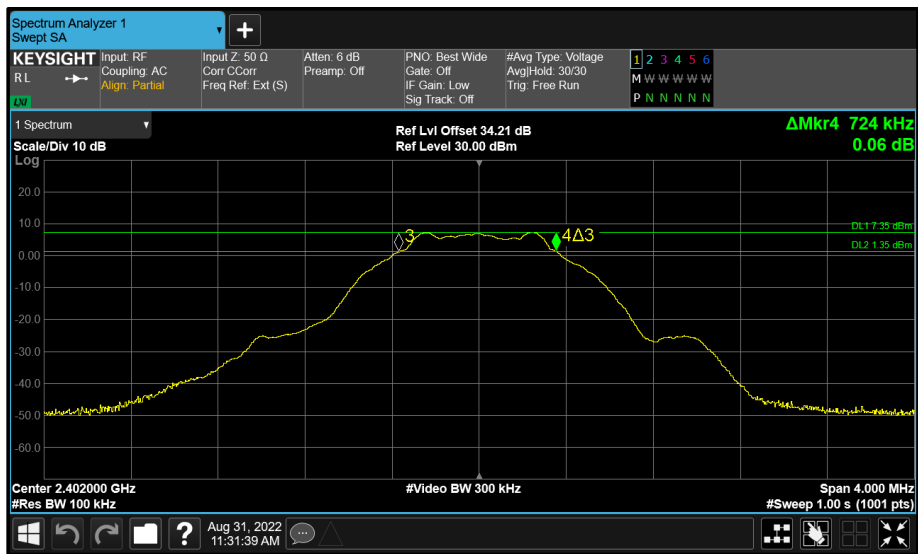
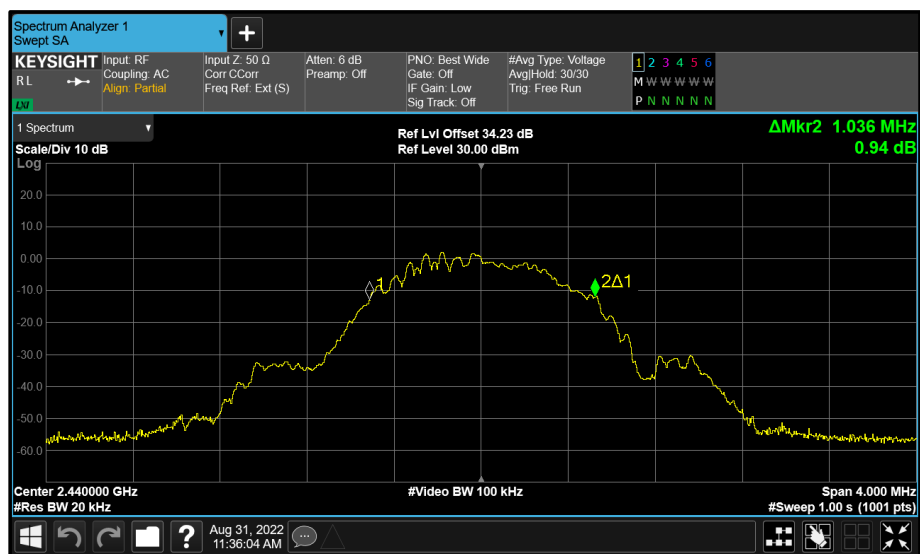
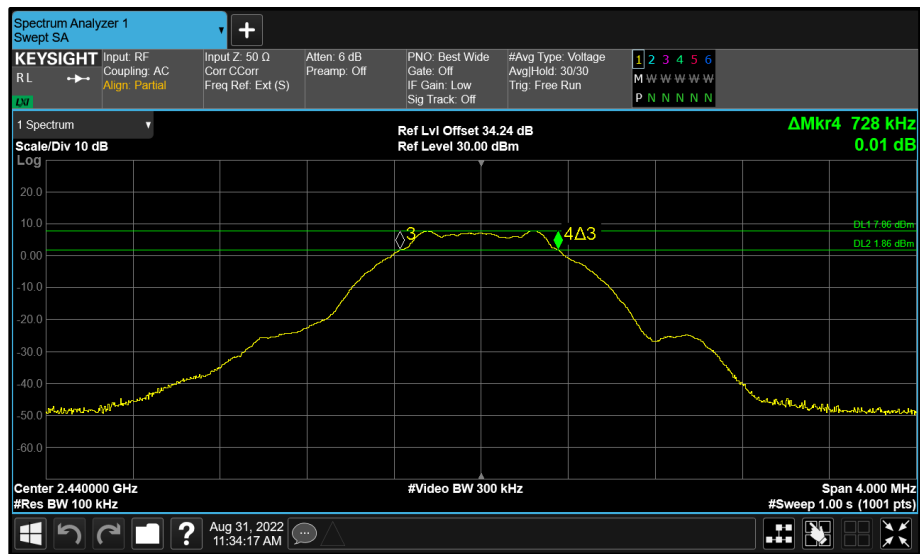


Figure 141 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth







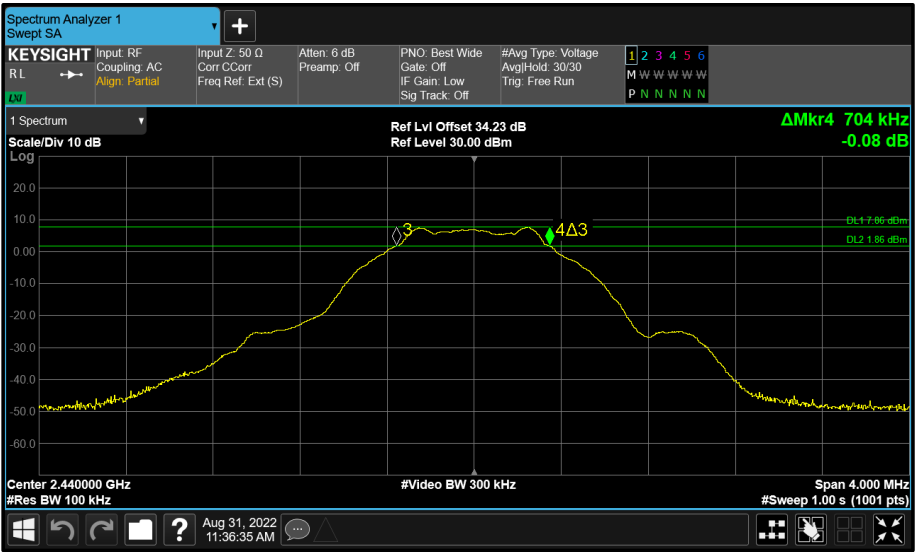


Figure 148 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

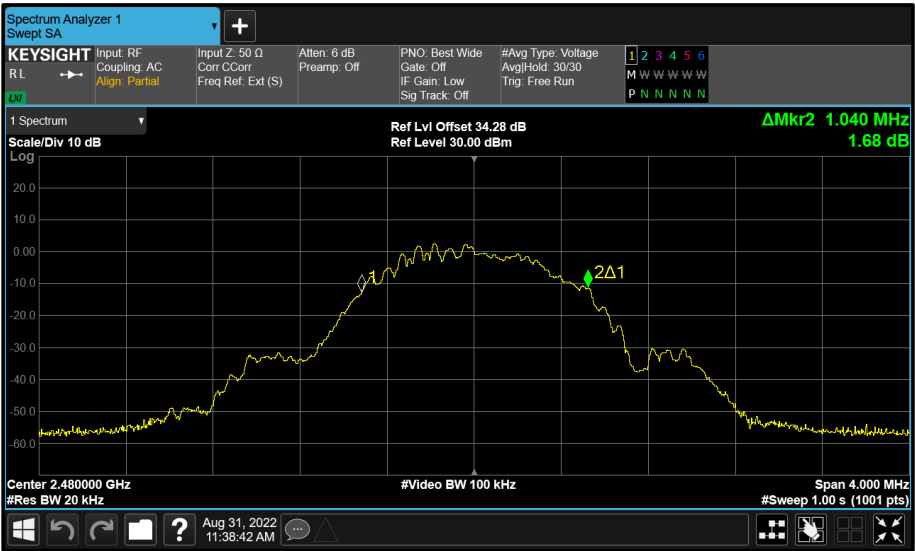


Figure 149 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

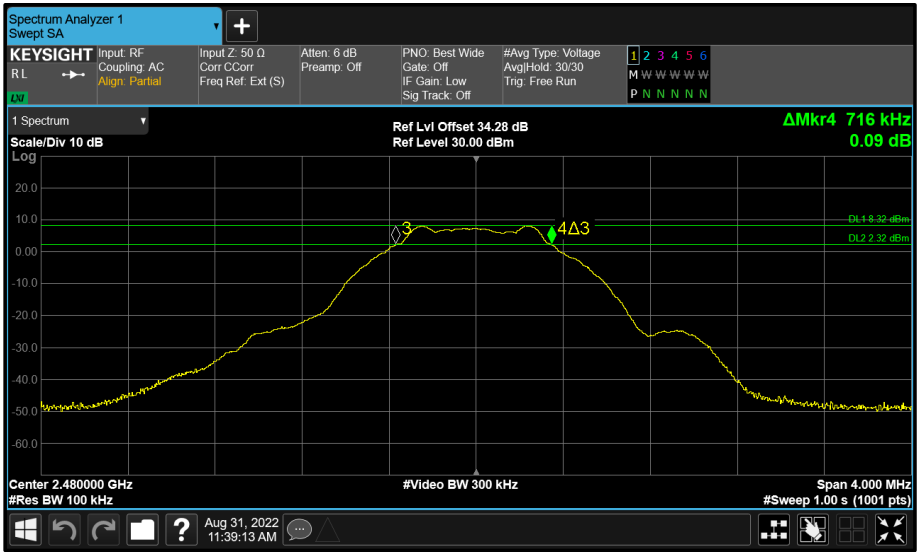


Figure 150 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

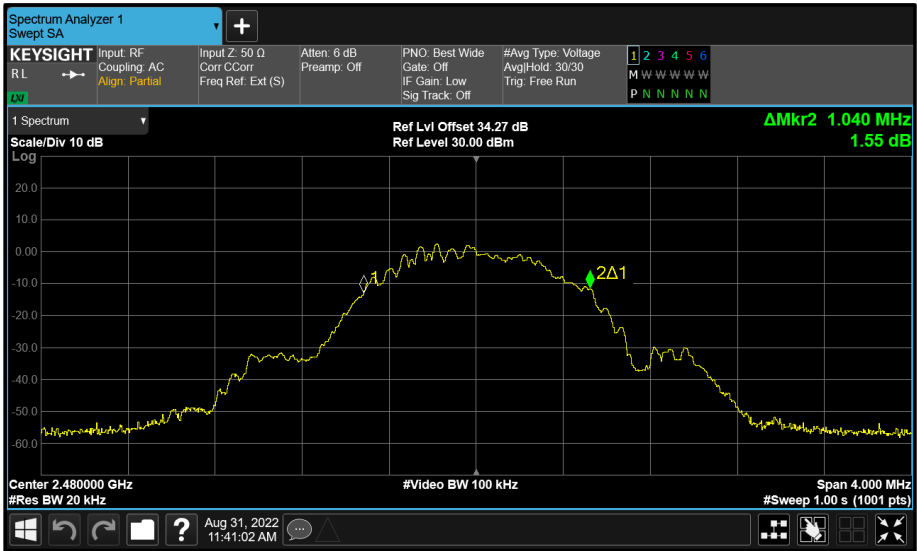


Figure 151 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

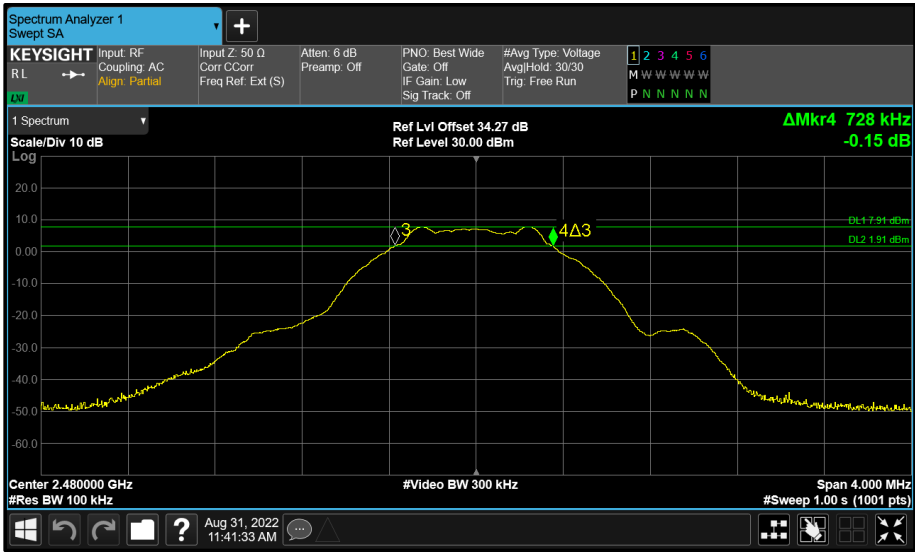


Figure 152 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 2M)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.280	1.256	-	-	≥500.0
2440	1.288	1.264	-	-	≥500.0
2480	1.288	1.280	-	-	≥500.0

Table 56 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	2.040	2.040	-	-	-
2440	2.040	2.040	-	-	-
2480	2.040	2.040	-	-	-

Table 57 - 99% Bandwidth Results

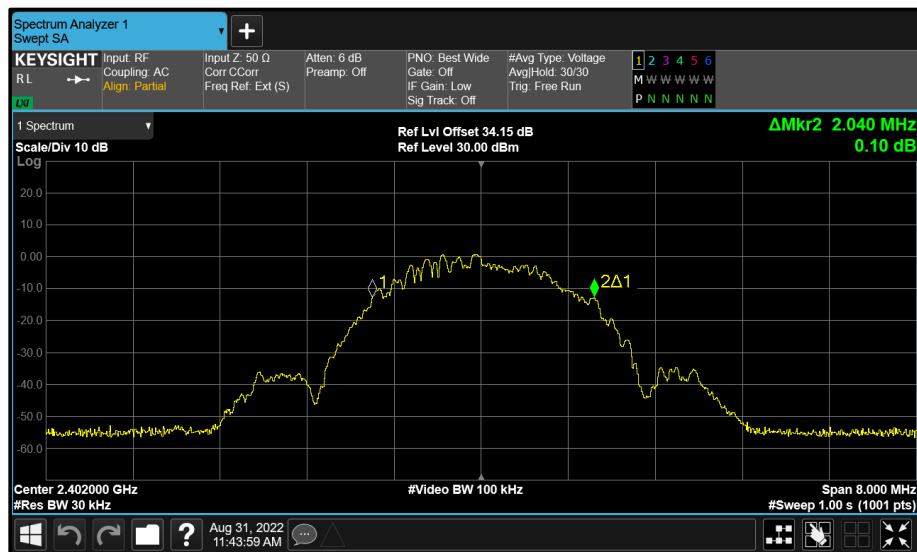


Figure 153 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

