TUV SUD SERVICES (UK) LIMITED
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Date: 2026.09.21 11:28:56 +01'00'

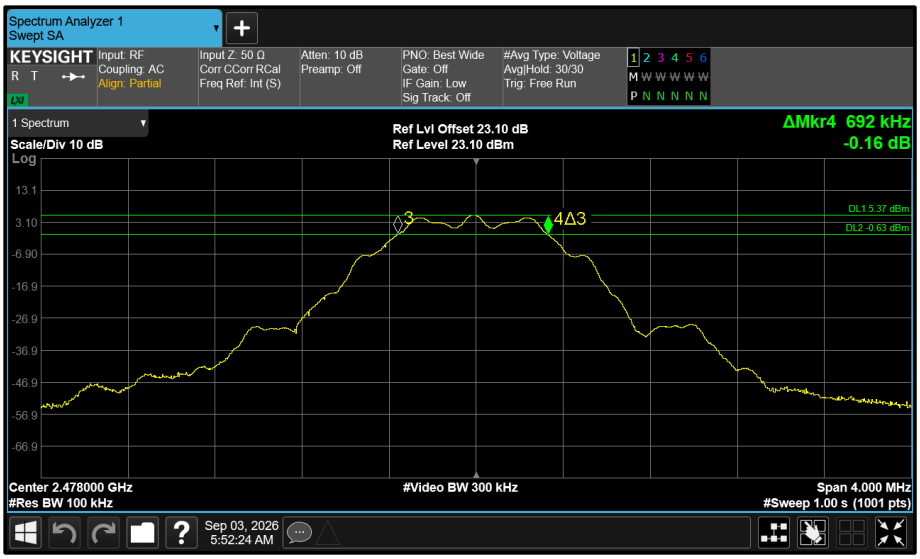

Figure 178 - Core 0 (A) 2478 MHz (CH36) 6 dB Bandwidth

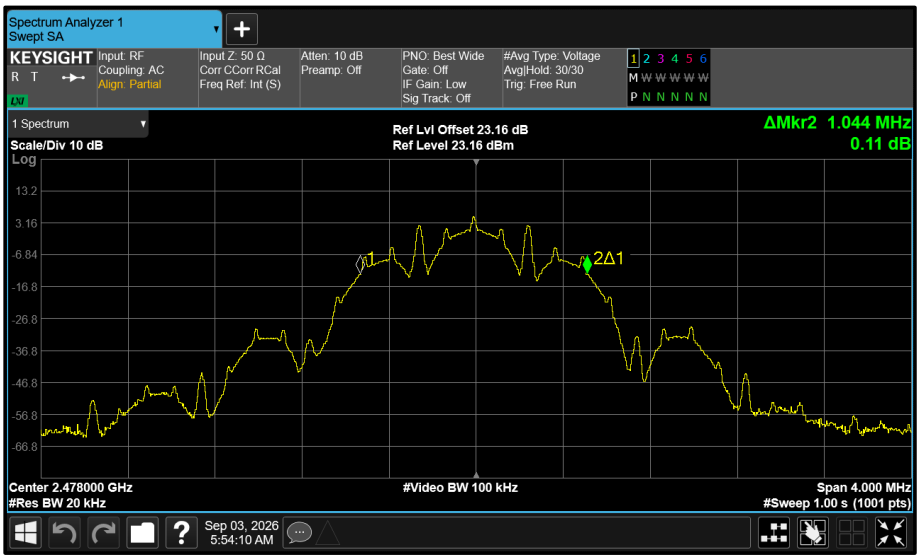

Figure 179 - Core 1 (B) 2478 MHz (CH36) 99% Bandwidth

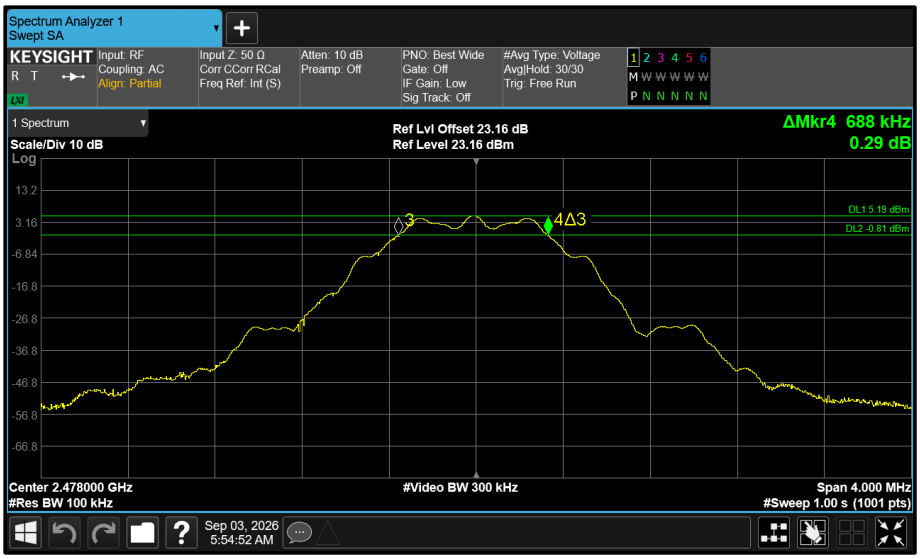

Figure 180 - Core 1 (B) 2478 MHz (CH36) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA HDT (HDT4)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	2.136	-	-	-	≥500.0
2440	2.136	-	-	-	≥500.0
2478	2.136	-	-	-	≥500.0

Table 55 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	2.352	-	-	-	-
2440	2.360	-	-	-	-
2478	2.360	-	-	-	-

Table 56 - 99% Bandwidth Results

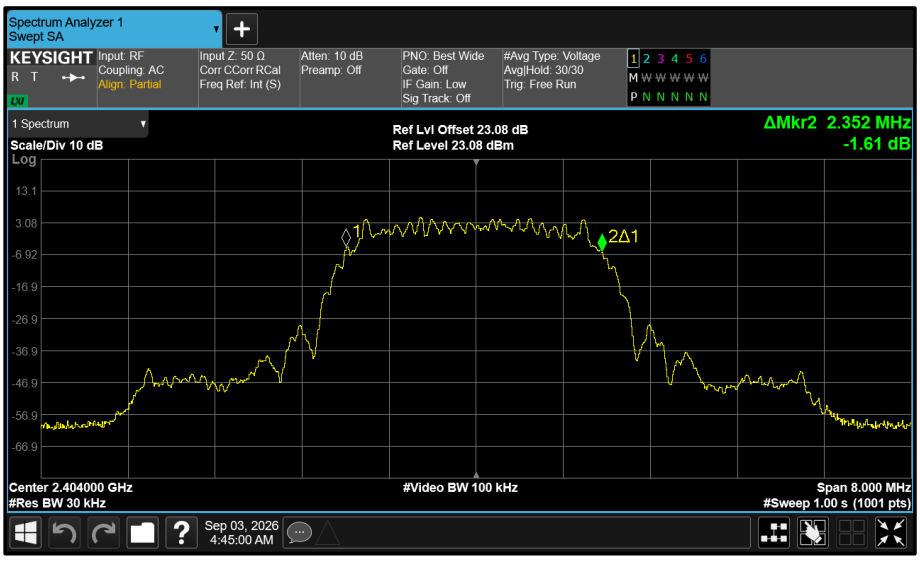

Figure 181 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

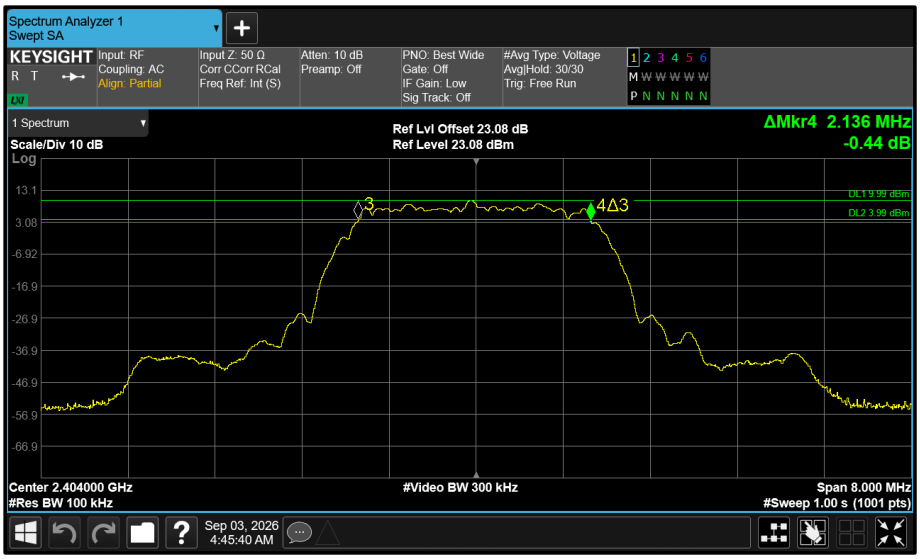

Figure 182 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

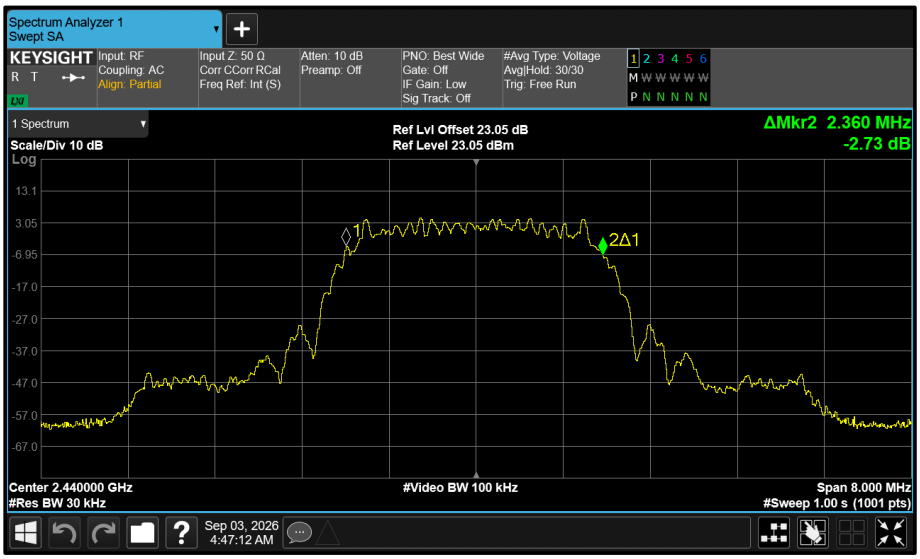

Figure 183 - Core 0 (A) 2440 MHz (CH38) 99% Bandwidth

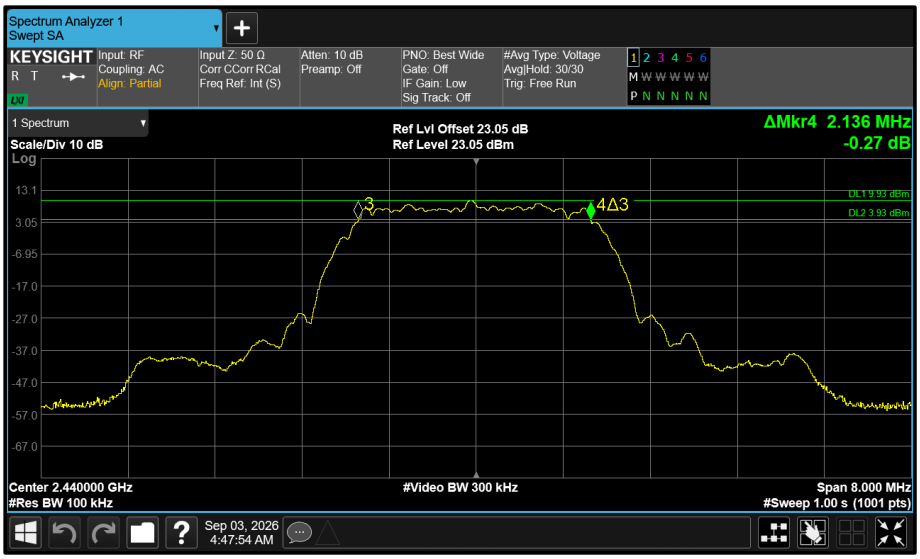

Figure 184 - Core 0 (A) 2440 MHz (CH38) 6 dB Bandwidth

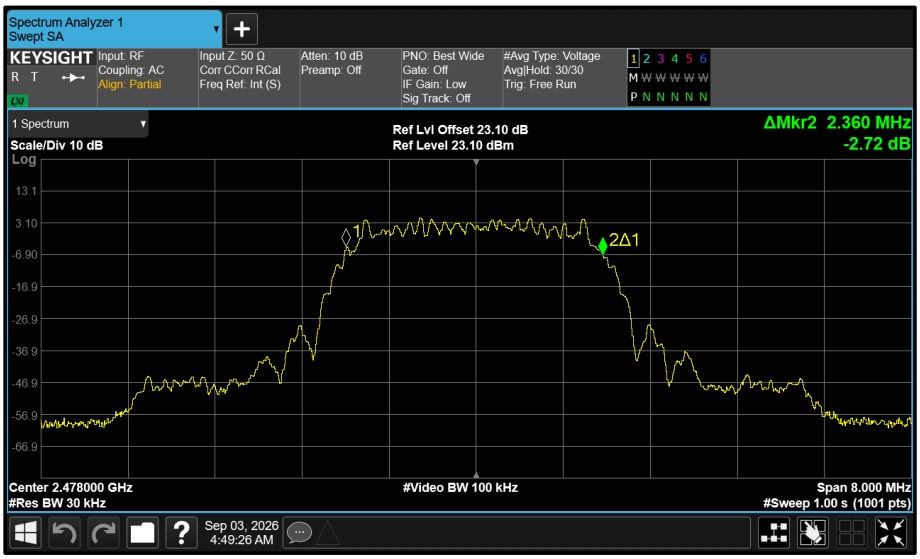

Figure 185 - Core 0 (A) 2478 MHz (CH76) 99% Bandwidth

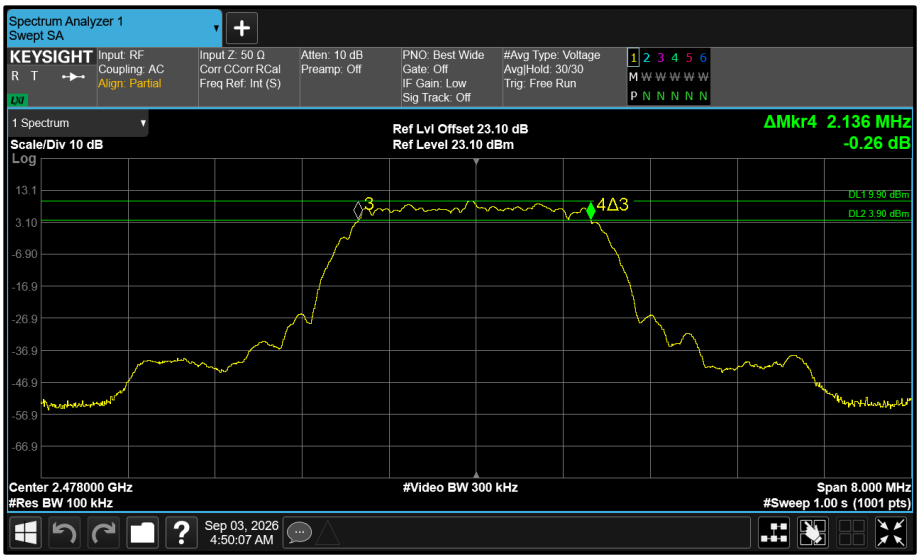

Figure 186 - Core 0 (A) 2478 MHz (CH76) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA HDR (8-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	0.570	-	-	-	≥500.0
2440	0.555	-	-	-	≥500.0
2476	0.570	-	-	-	≥500.0

Table 57 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	4.635	-	-	-	-
2440	4.650	-	-	-	-
2476	4.635	-	-	-	-

Table 58 - 99% Bandwidth Results

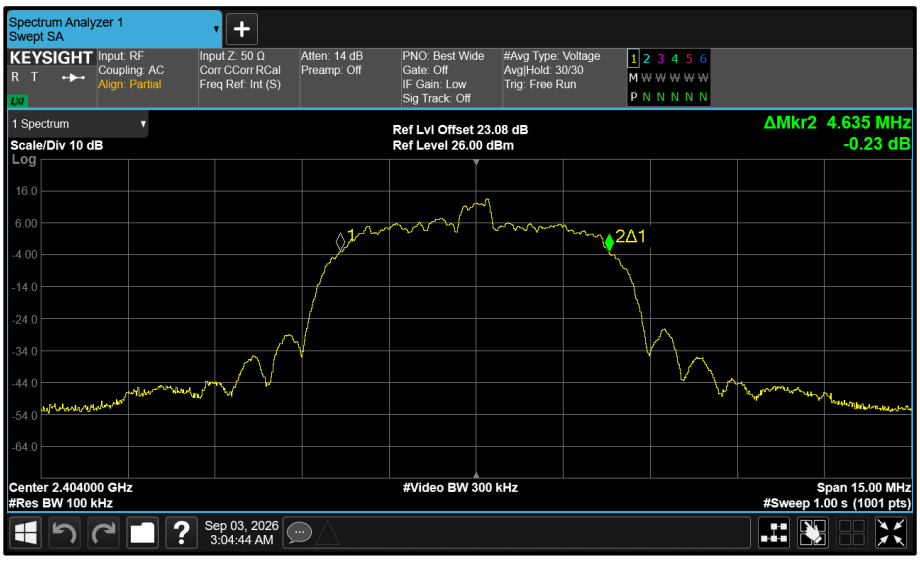

Figure 187 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

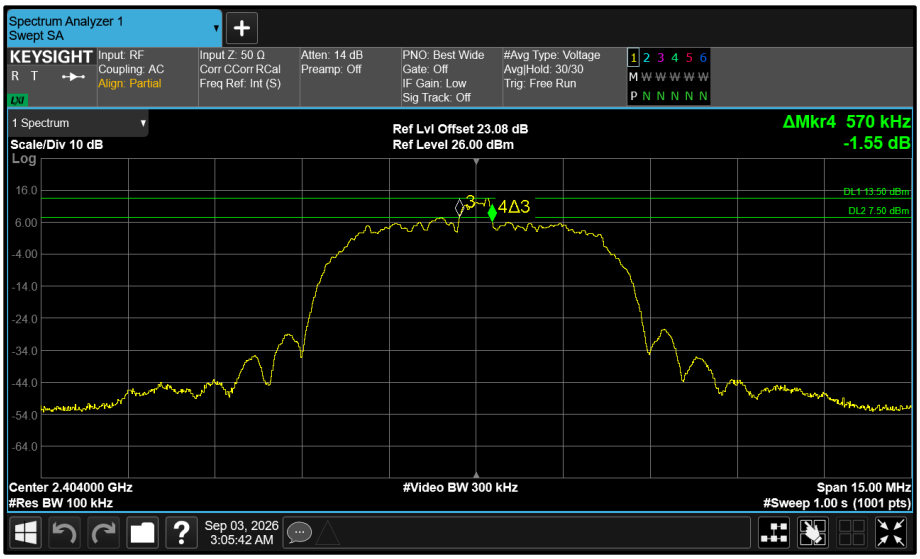

Figure 188 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

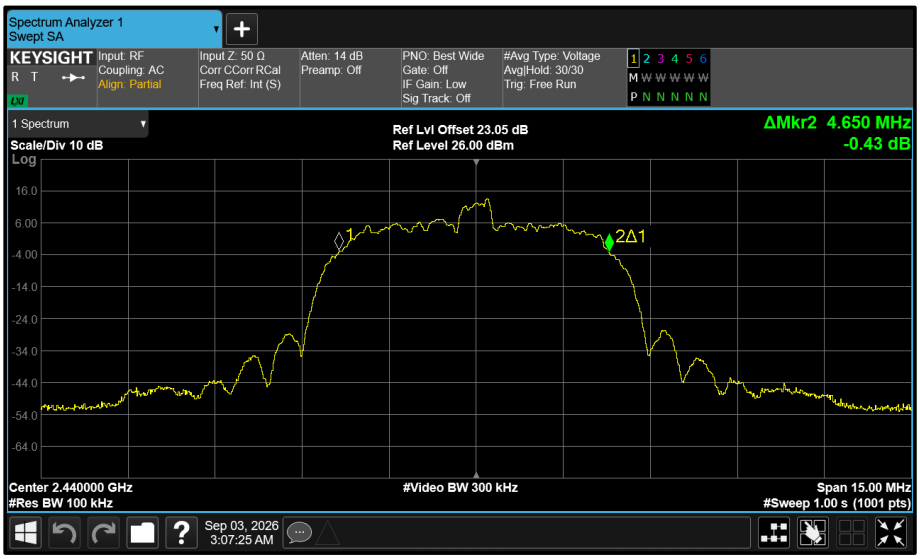

Figure 189 - Core 0 (A) 2440 MHz (CH38) 99% Bandwidth

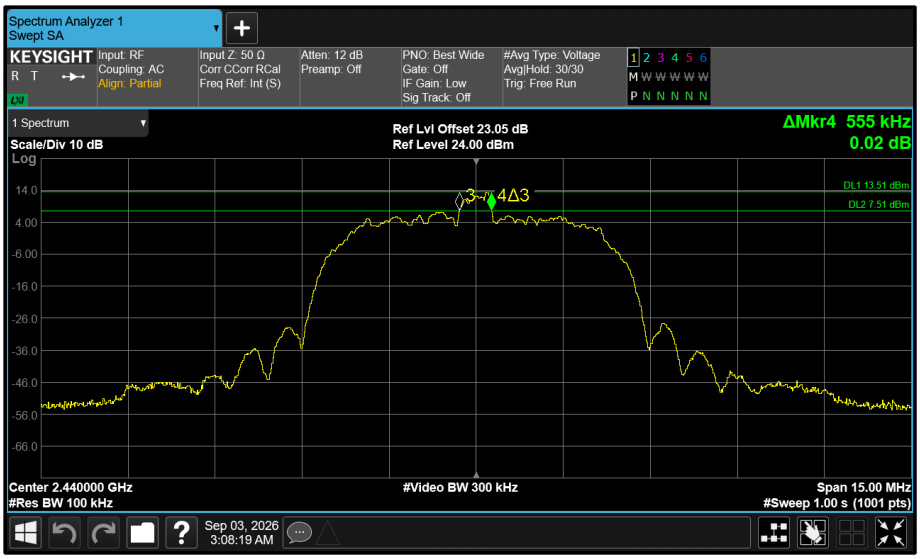

Figure 190 - Core 0 (A) 2440 MHz (CH38) 6 dB Bandwidth

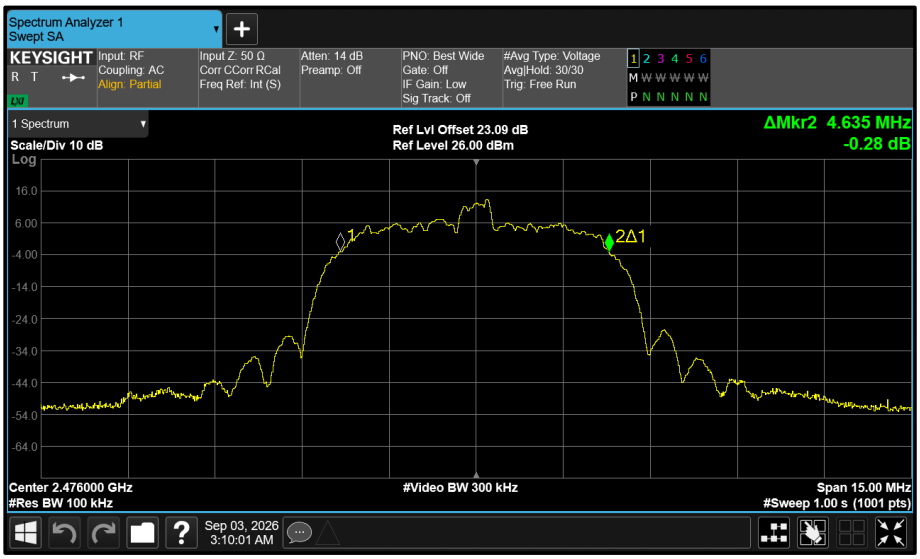

Figure 191 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

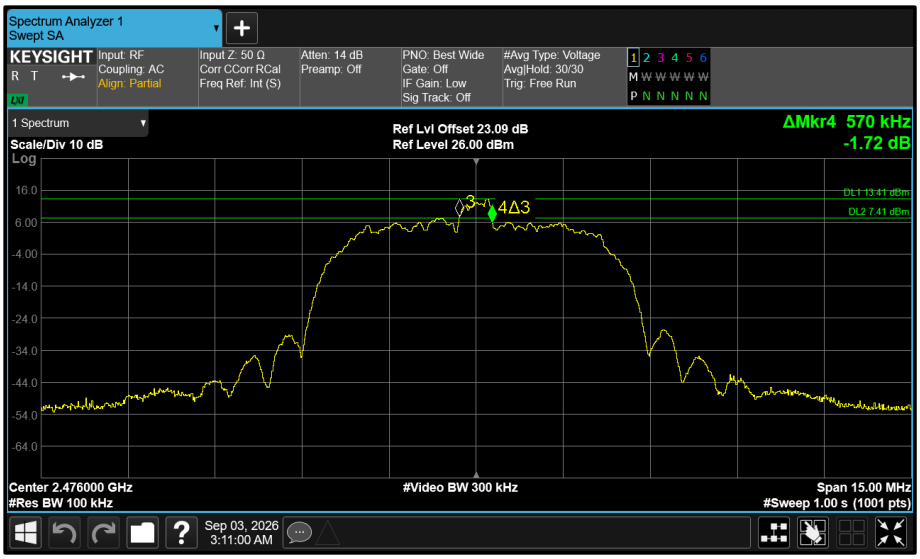

Figure 192 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA HDRP (HDRPM4)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	3.020	-	-	-	≥500.0
2440	3.460	-	-	-	≥500.0
2476	4.040	-	-	-	≥500.0

Table 59 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	4.740	-	-	-	-
2440	4.740	-	-	-	-
2476	4.740	-	-	-	-

Table 60 - 99% Bandwidth Results

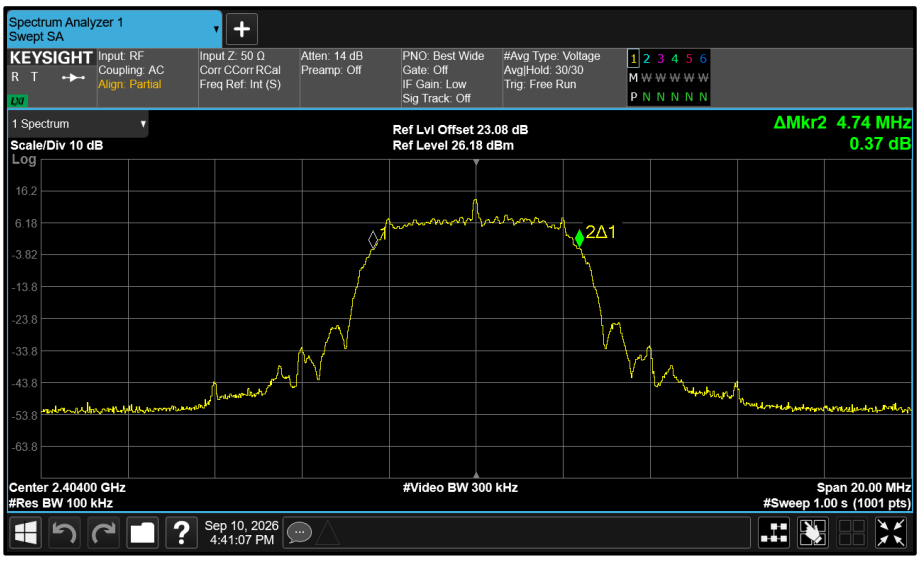

Figure 193 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

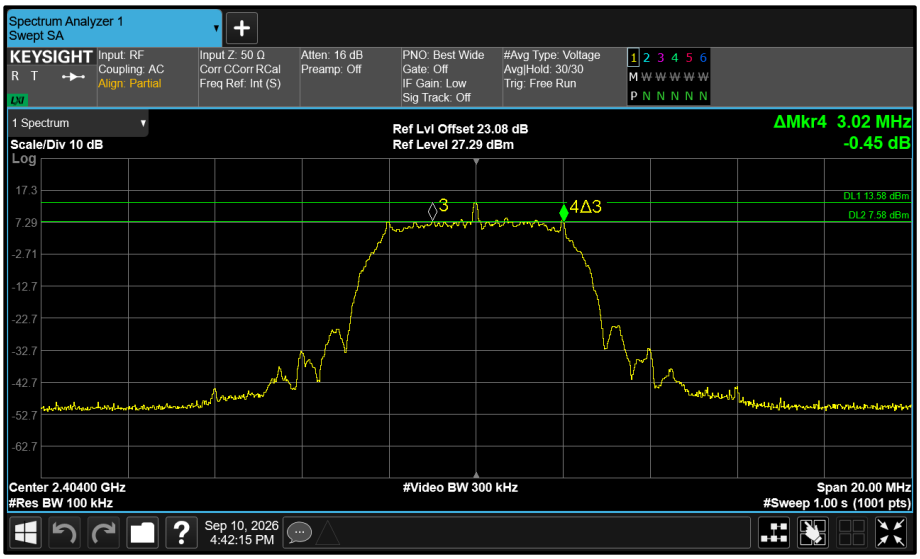

Figure 194 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

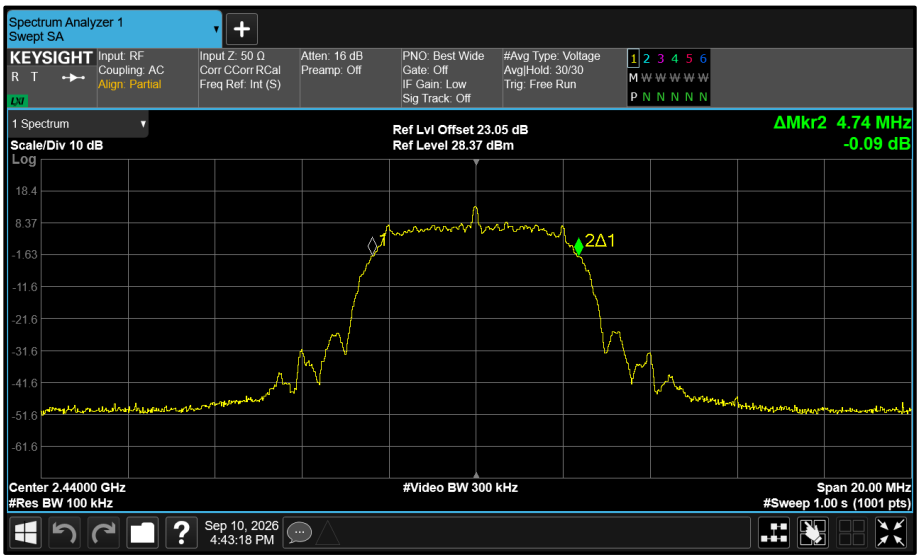

Figure 195 - Core 0 (A) 2440 MHz (CH38) 99% Bandwidth

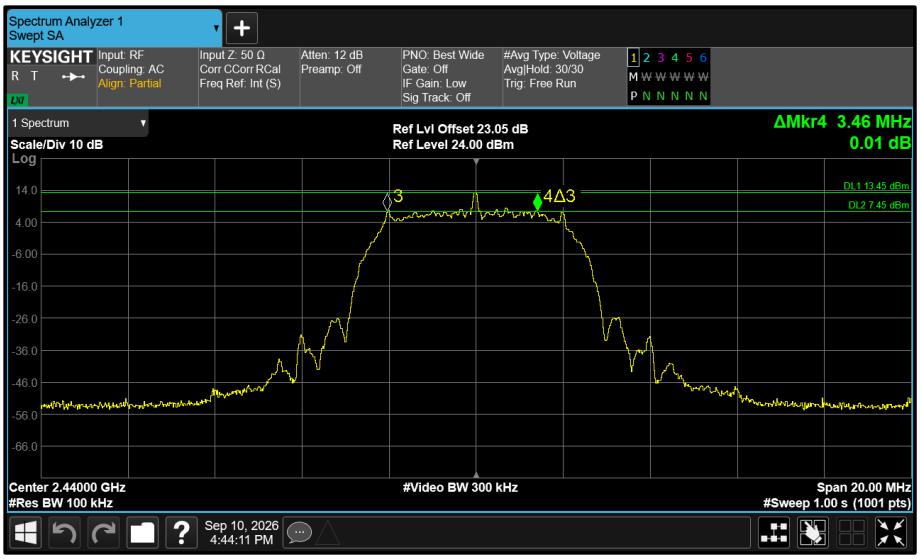

Figure 196 - Core 0 (A) 2440 MHz (CH38) 6 dB Bandwidth

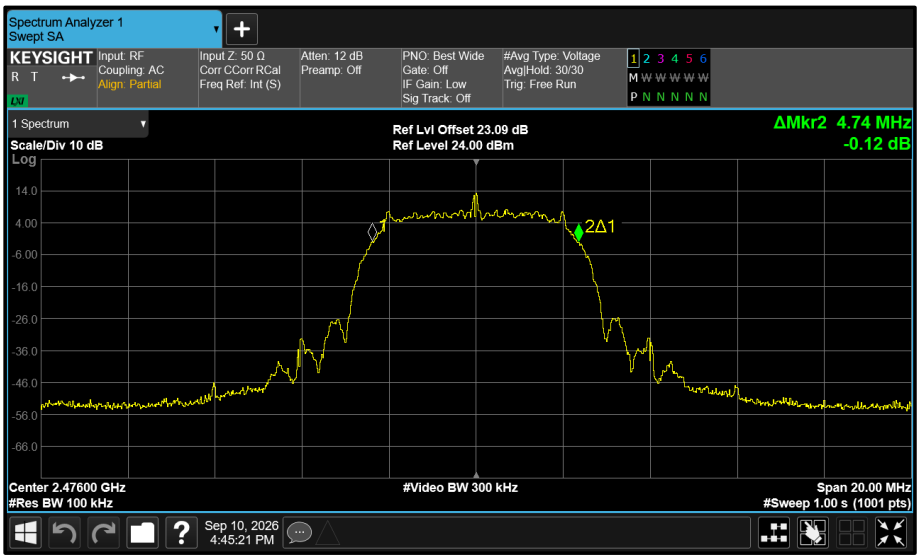

Figure 197 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

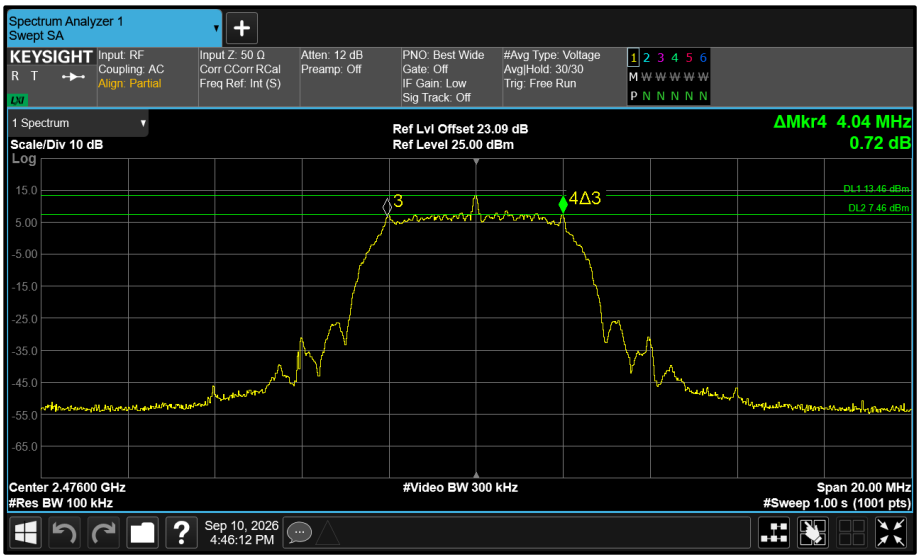

Figure 198 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA HDRP (HDRPM12)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	4.060	-	-	-	≥500.0
2440	2.560	-	-	-	≥500.0
2476	4.060	-	-	-	≥500.0

Table 61 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	4.700	-	-	-	-
2440	4.720	-	-	-	-
2476	4.700	-	-	-	-

Table 62 - 99% Bandwidth Results

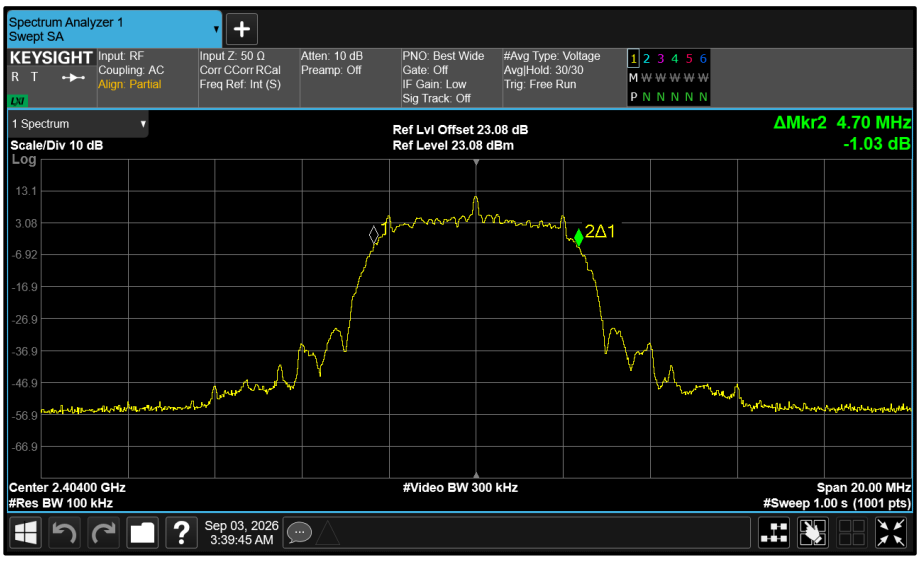

Figure 199 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

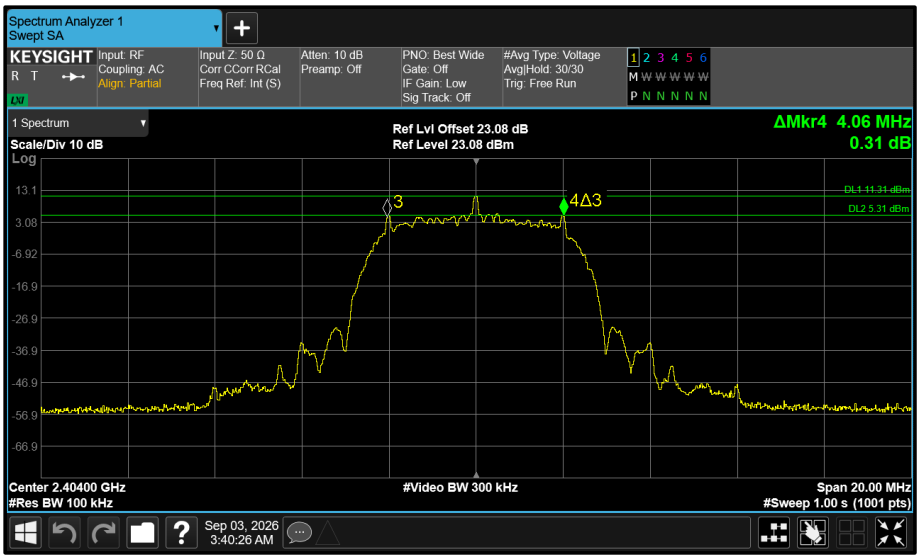

Figure 200 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

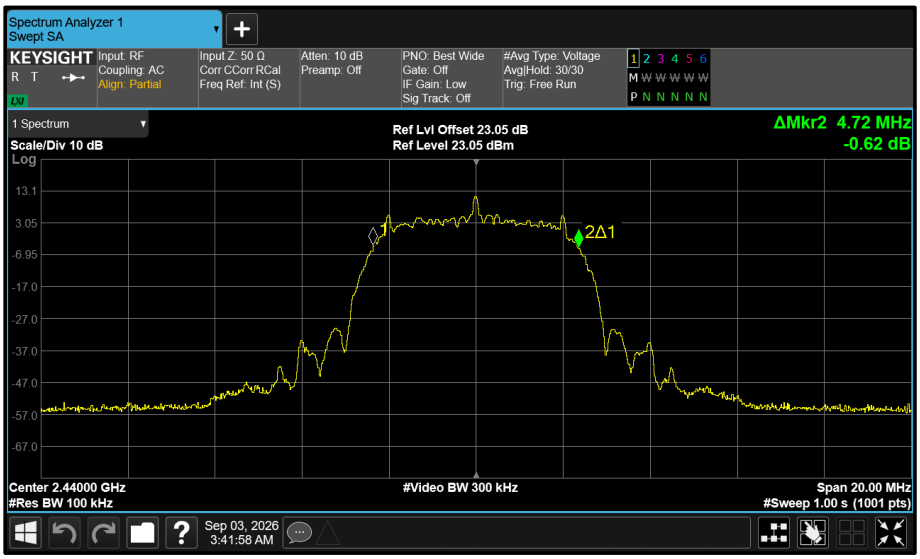

Figure 201 - Core 0 (A) 2440 MHz (CH38) 99% Bandwidth

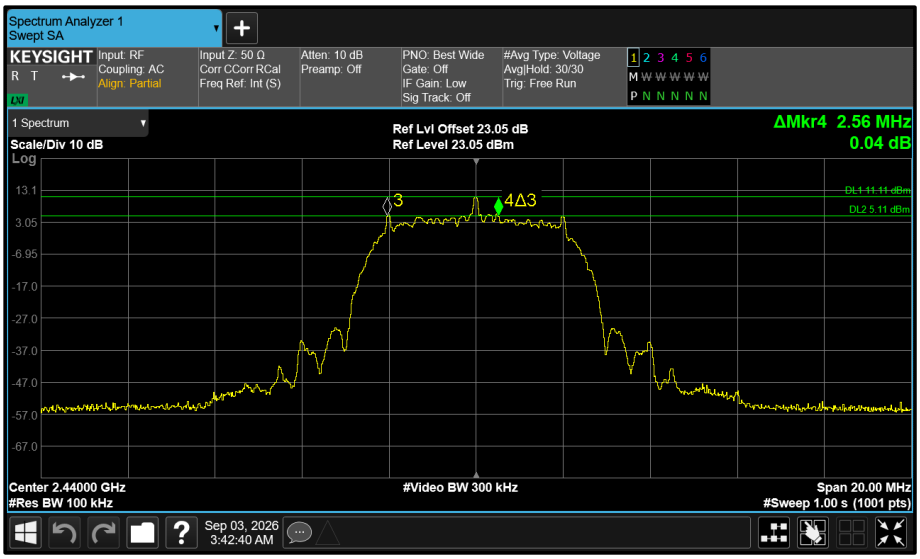

Figure 202 - Core 0 (A) 2440 MHz (CH38) 6 dB Bandwidth

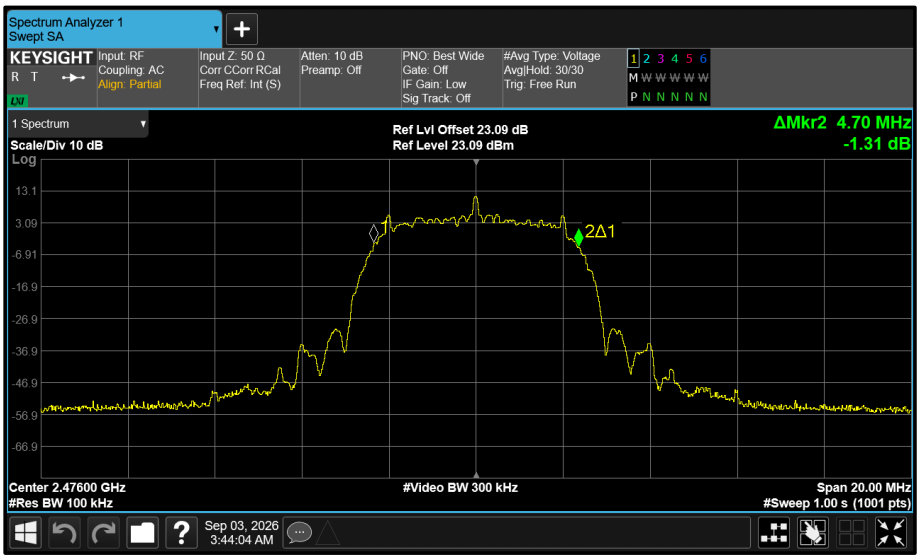

Figure 203 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

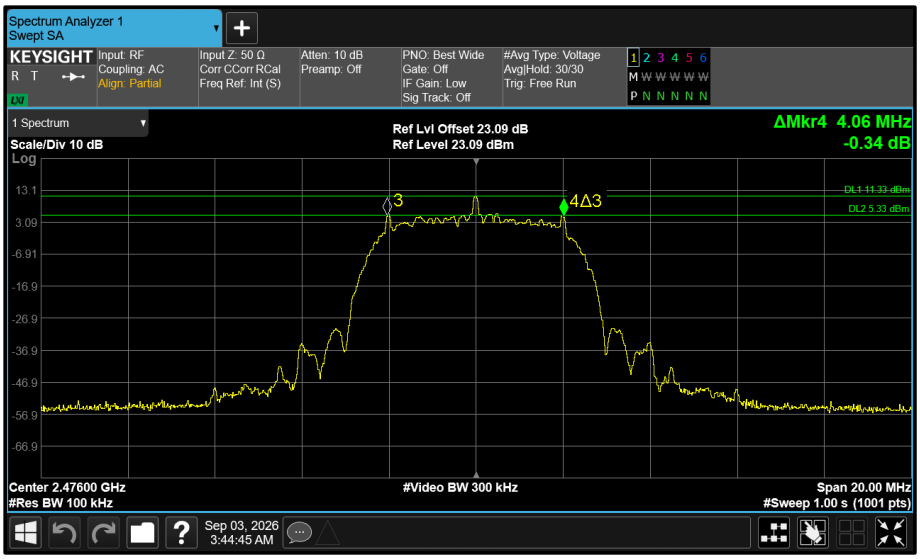

Figure 204 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA LE (LE 1M)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	0.668	-	-	-	≥500.0
2440	0.664	-	-	-	≥500.0
2480	0.668	-	-	-	≥500.0

Table 63 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.016	-	-	-	-
2440	1.016	-	-	-	-
2480	1.016	-	-	-	-

Table 64 - 99% Bandwidth Results

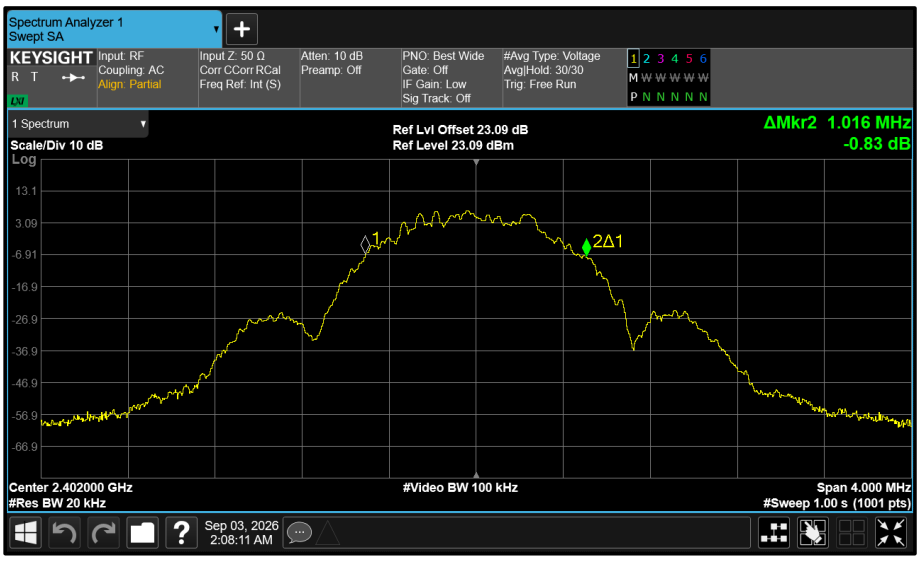

Figure 205 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

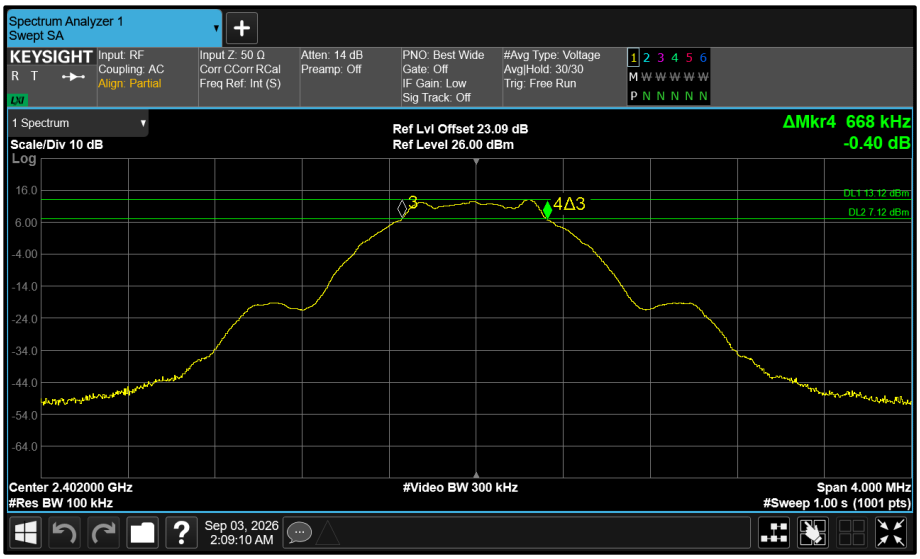

Figure 206 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

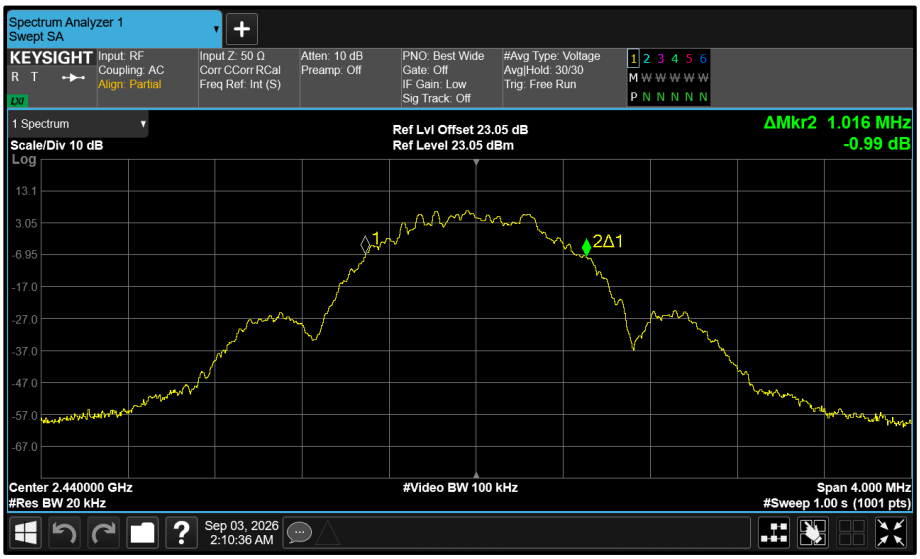

Figure 207 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

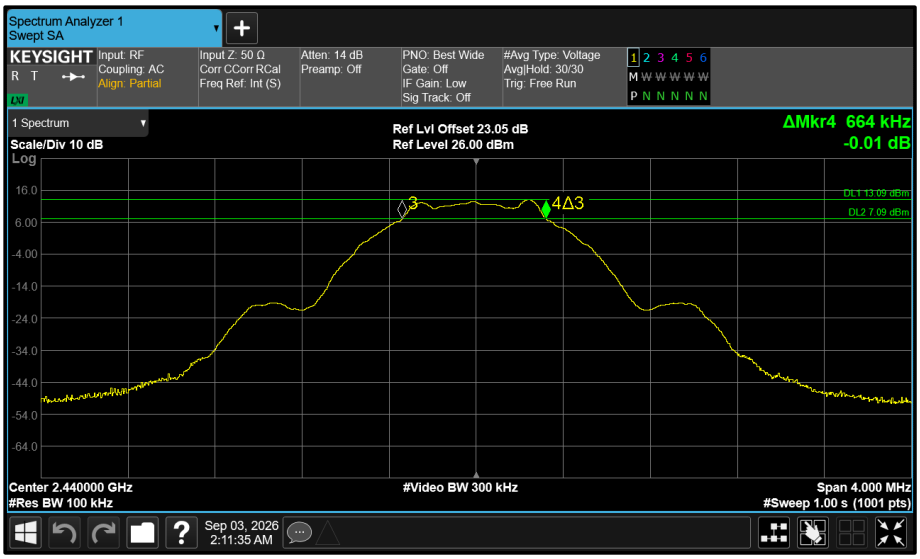

Figure 208 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

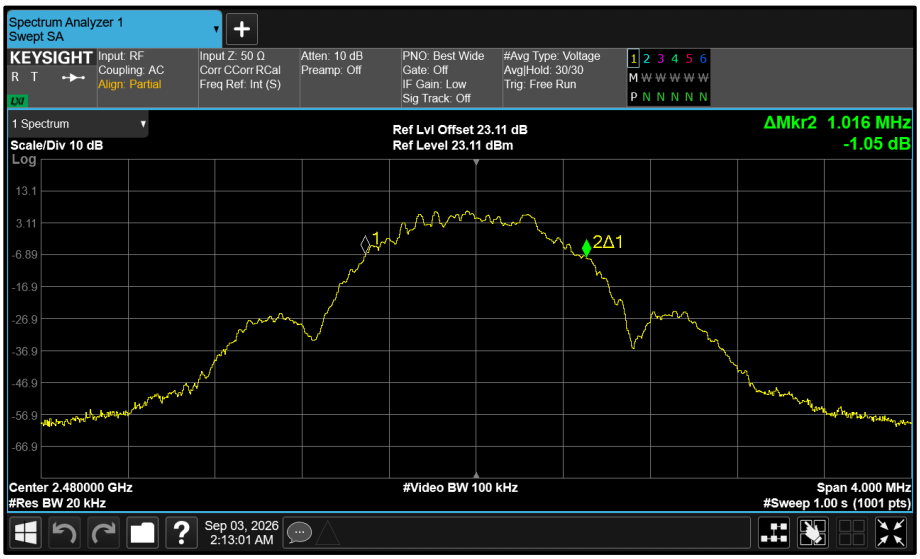

Figure 209 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

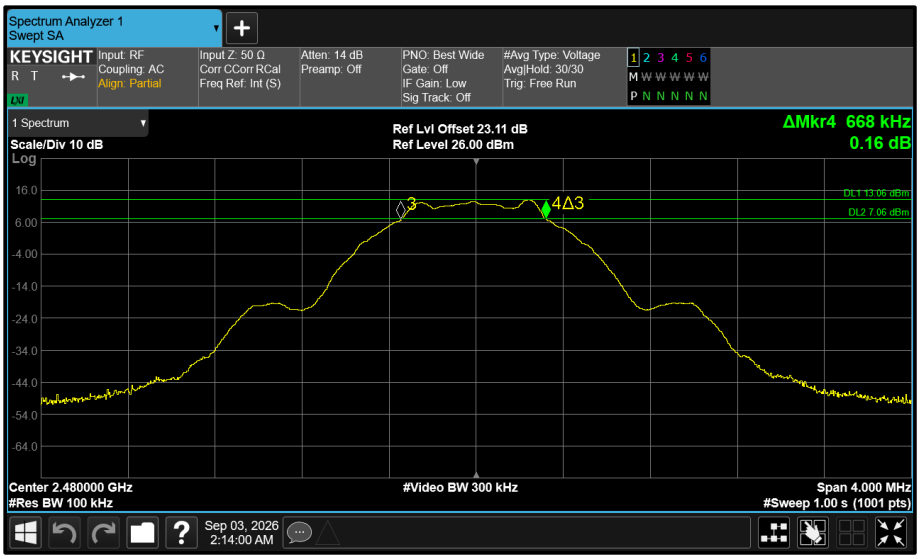

Figure 210 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA EDR (2-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.076	-	-	-	≥500.0
2441	1.072	-	-	-	≥500.0
2480	1.076	-	-	-	≥500.0

Table 65 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.180	-	-	-	-
2441	1.180	-	-	-	-
2480	1.180	-	-	-	-

Table 66 - 99% Bandwidth Results

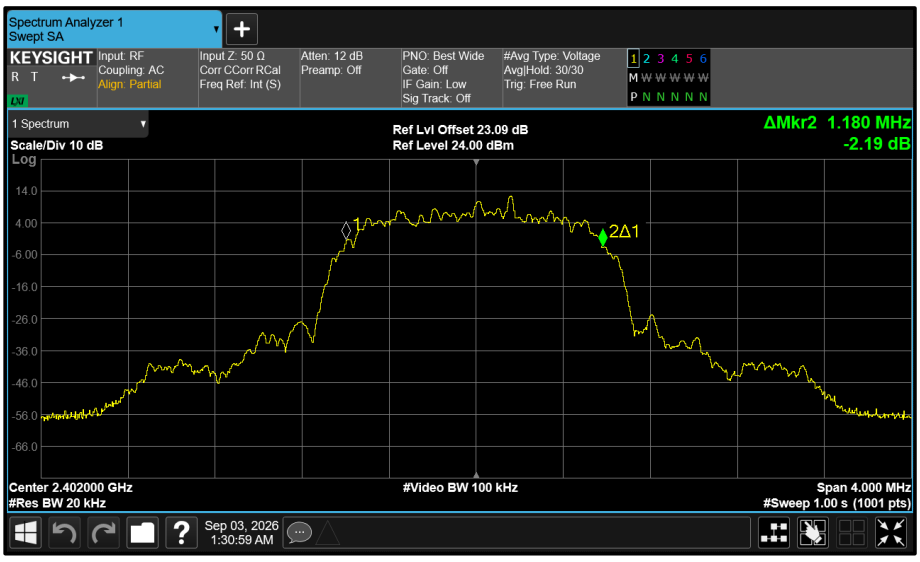

Figure 211 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

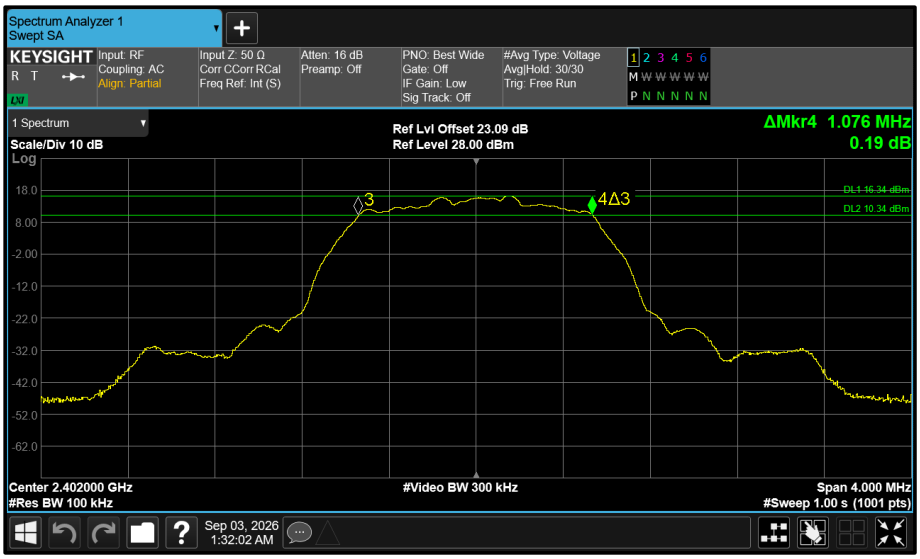

Figure 212 - Core 0 (A) 2402 MHz (CH0) 6 dB Bandwidth

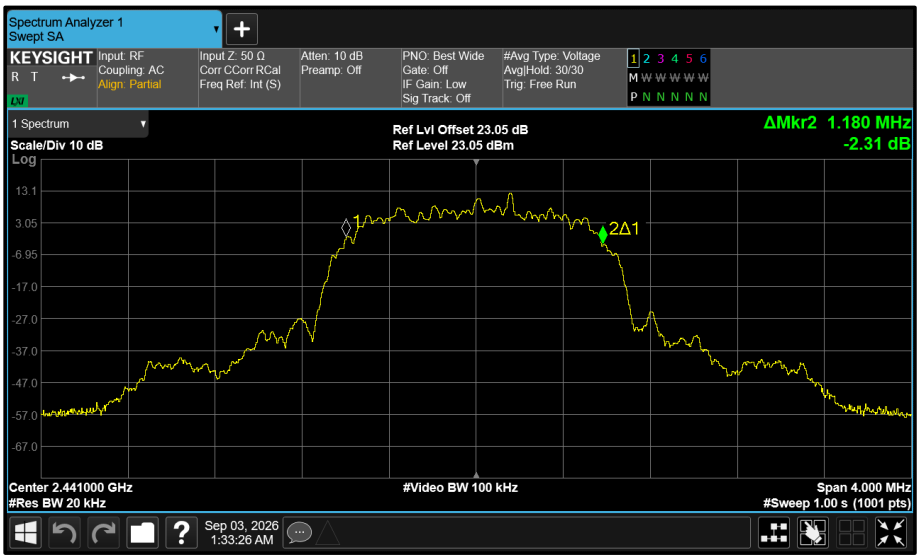

Figure 213 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

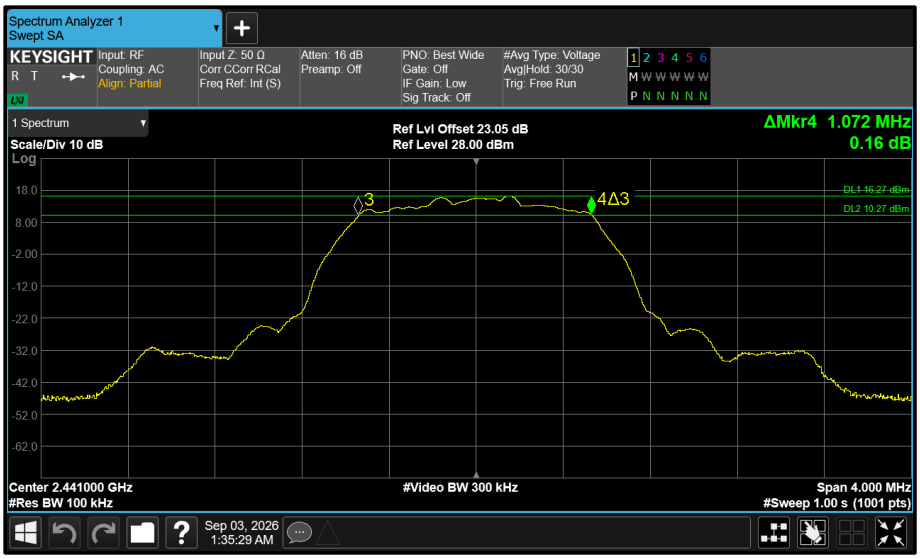

Figure 214 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

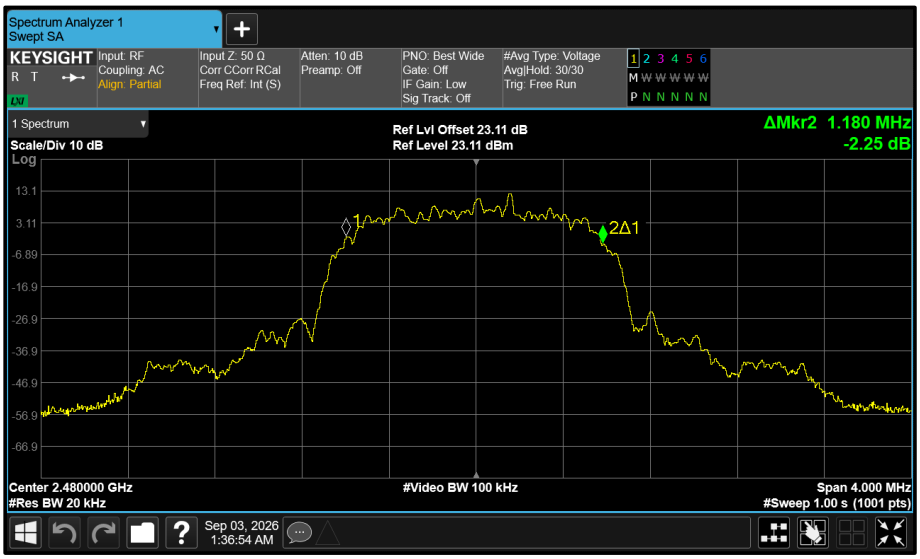

Figure 215 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

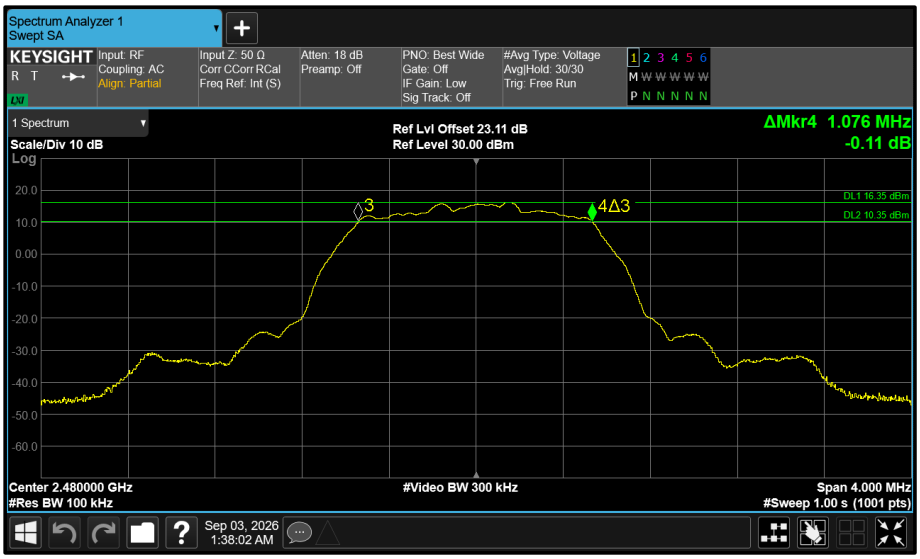

Figure 216 - Core 0 (A) 2480 MHz (CH78) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA HDT (HDT4)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	-	2.136	-	-	≥500.0
2440	-	2.136	-	-	≥500.0
2478	-	2.136	-	-	≥500.0

Table 67 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	-	2.352	-	-	-
2440	-	2.352	-	-	-
2478	-	2.360	-	-	-

Table 68 - 99% Bandwidth Results

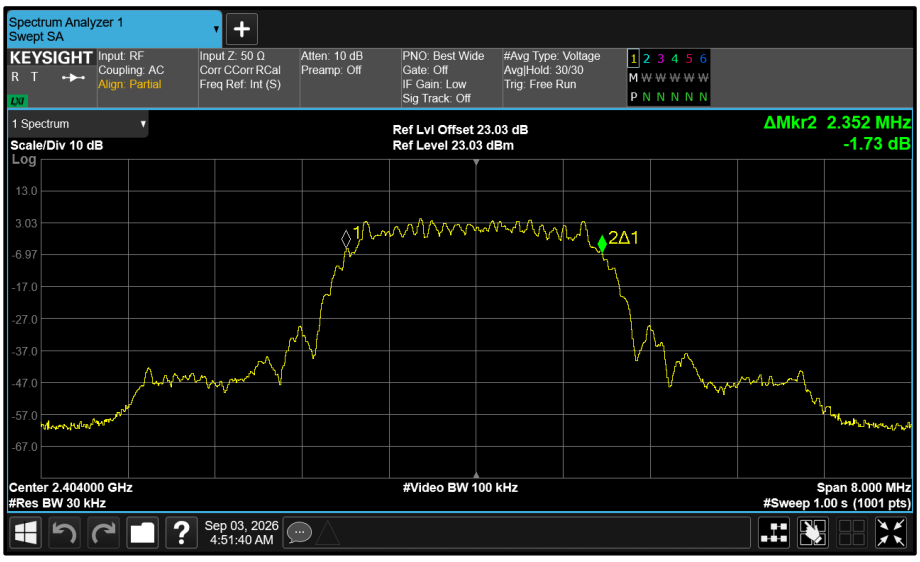

Figure 217 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

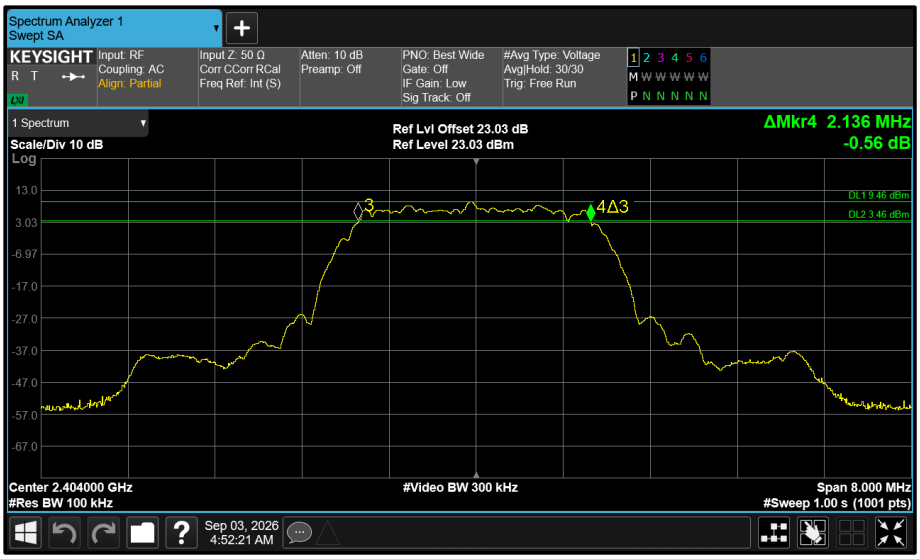

Figure 218 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

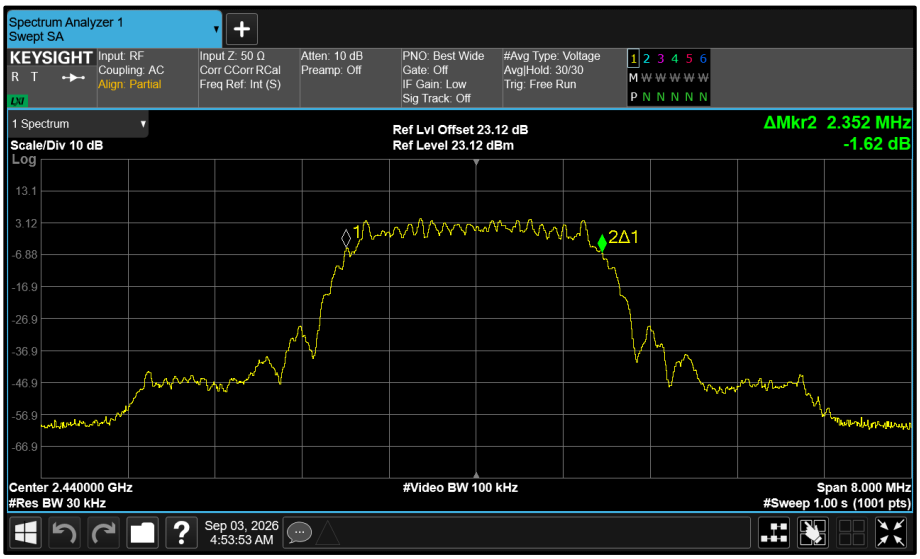

Figure 219 - Core 1 (B) 2440 MHz (CH38) 99% Bandwidth

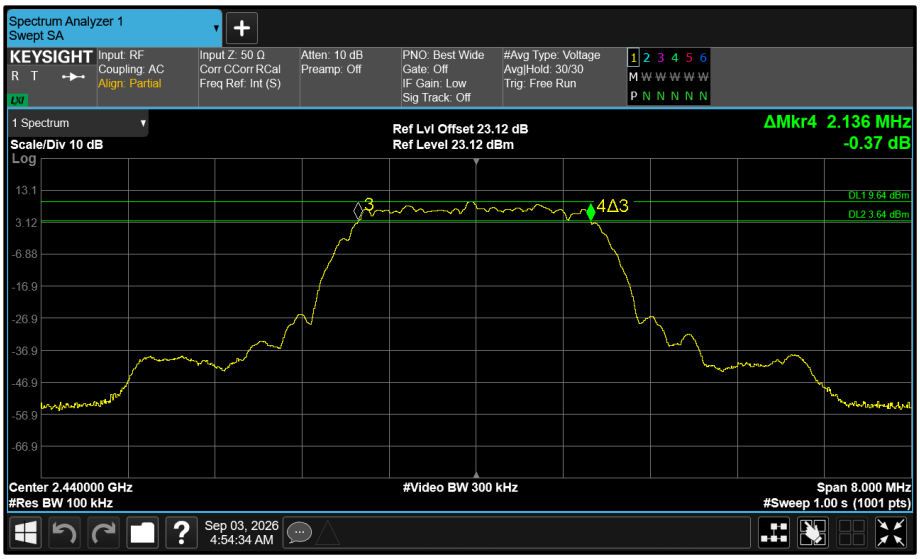

Figure 220 - Core 1 (B) 2440 MHz (CH38) 6 dB Bandwidth

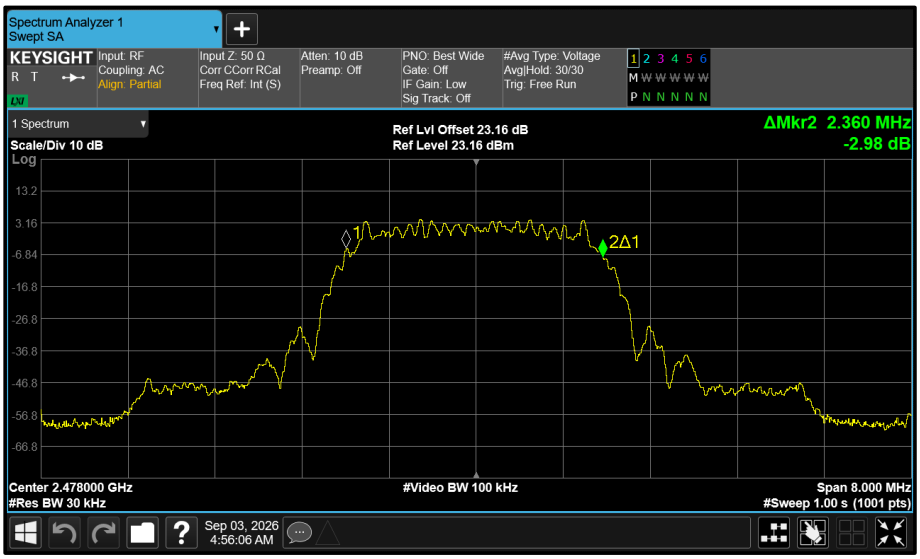

Figure 221 - Core 1 (B) 2478 MHz (CH76) 99% Bandwidth

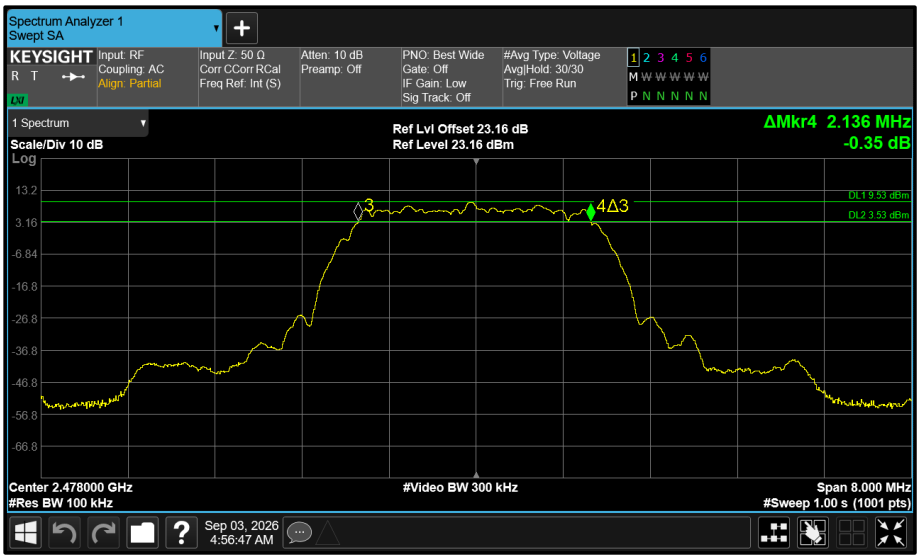

Figure 222 - Core 1 (B) 2478 MHz (CH76) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA HDR (8-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	-	0.570	-	-	≥500.0
2440	-	0.555	-	-	≥500.0
2476	-	0.570	-	-	≥500.0

Table 69 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	-	4.635	-	-	-
2440	-	4.650	-	-	-
2476	-	4.650	-	-	-

Table 70 - 99% Bandwidth Results

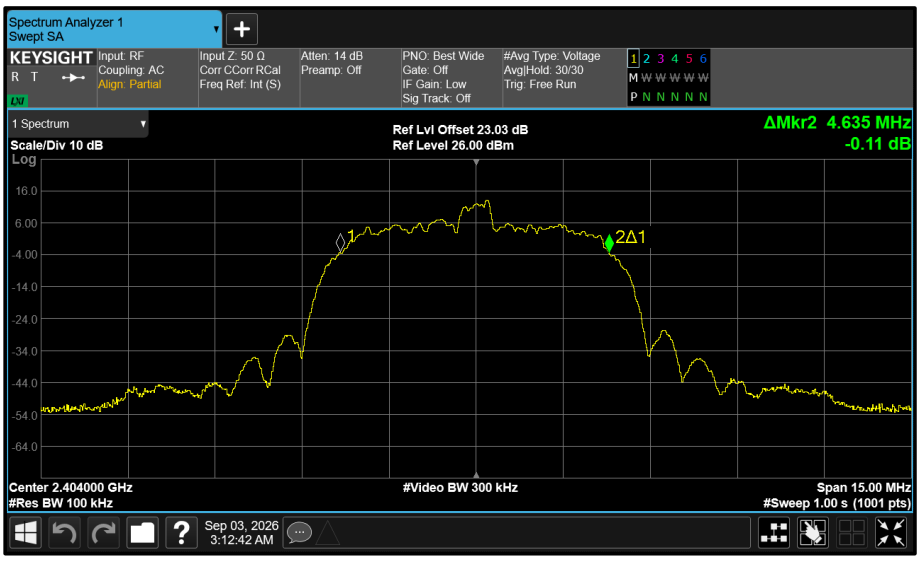

Figure 223 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

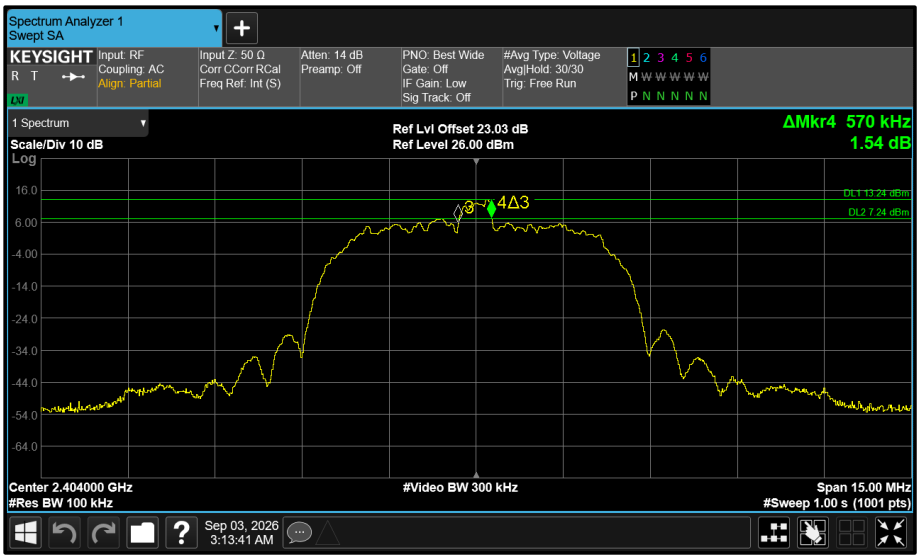

Figure 224 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

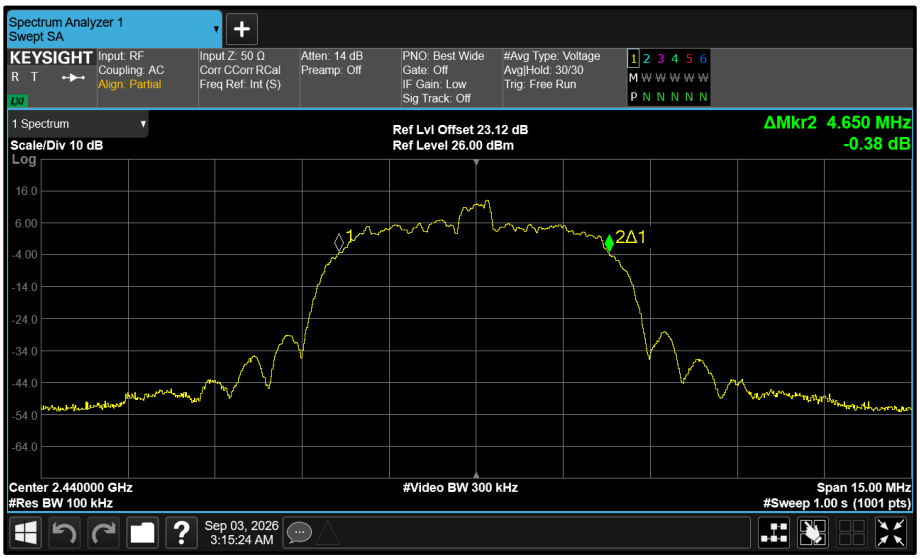

Figure 225 - Core 1 (B) 2440 MHz (CH38) 99% Bandwidth

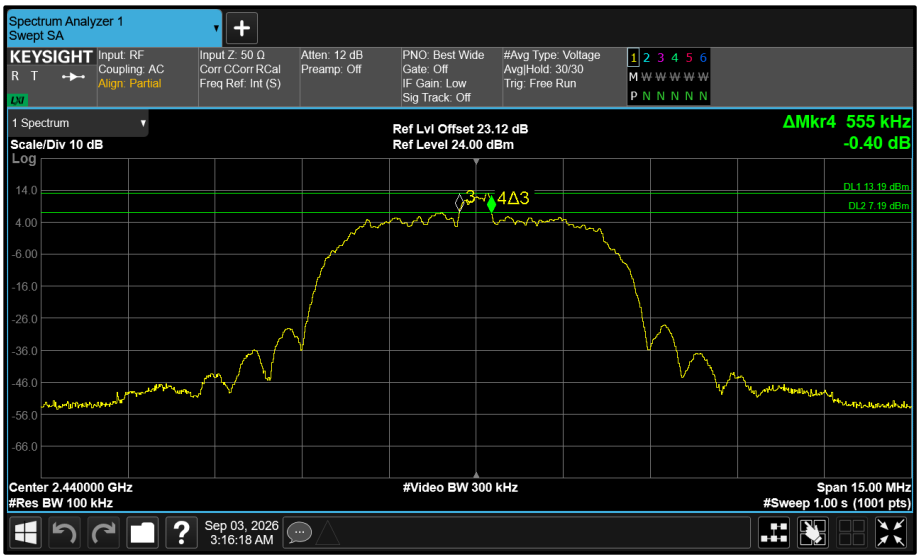

Figure 226 - Core 1 (B) 2440 MHz (CH38) 6 dB Bandwidth

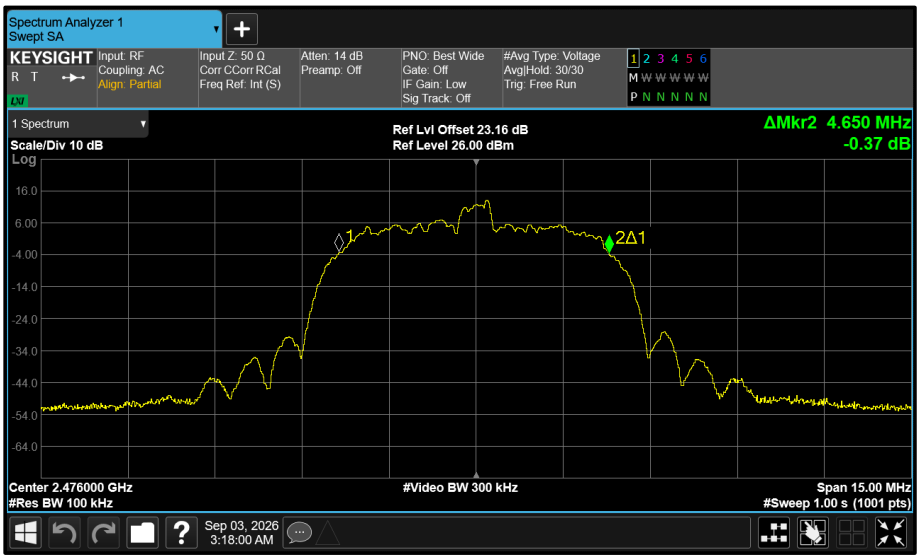

Figure 227 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

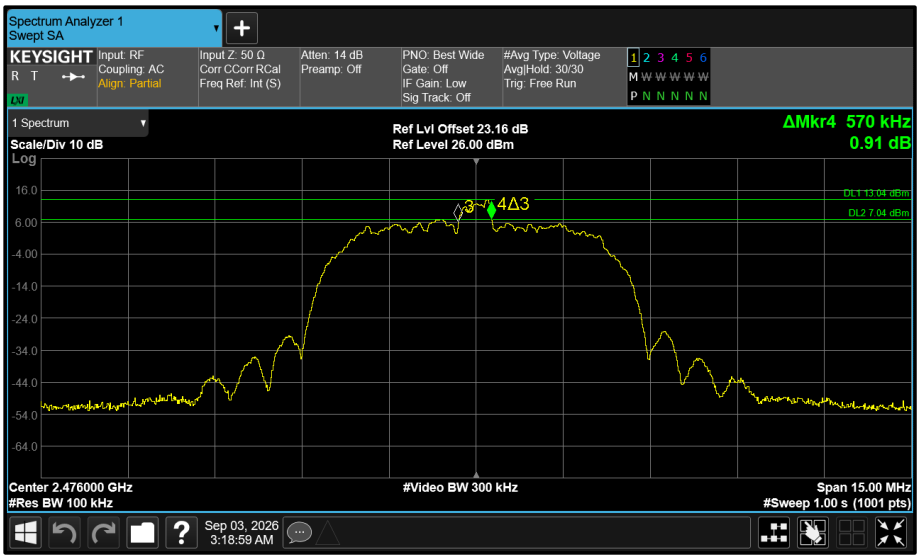

Figure 228 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA HDRP (HDRPM4)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	-	2.400	-	-	≥500.0
2440	-	2.400	-	-	≥500.0
2476	-	3.460	-	-	≥500.0

Table 71 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	-	4.760	-	-	-
2440	-	4.740	-	-	-
2476	-	4.740	-	-	-

Table 72 - 99% Bandwidth Results

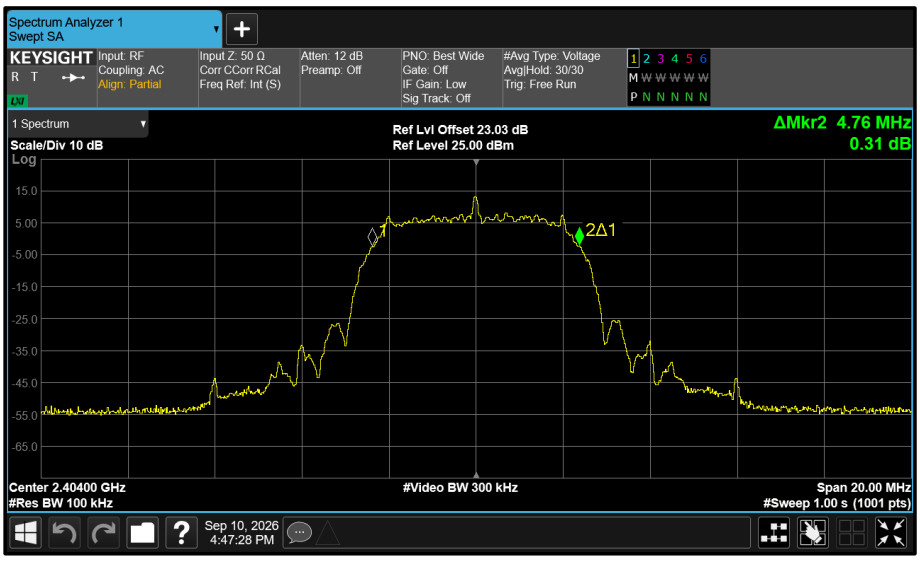

Figure 229 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

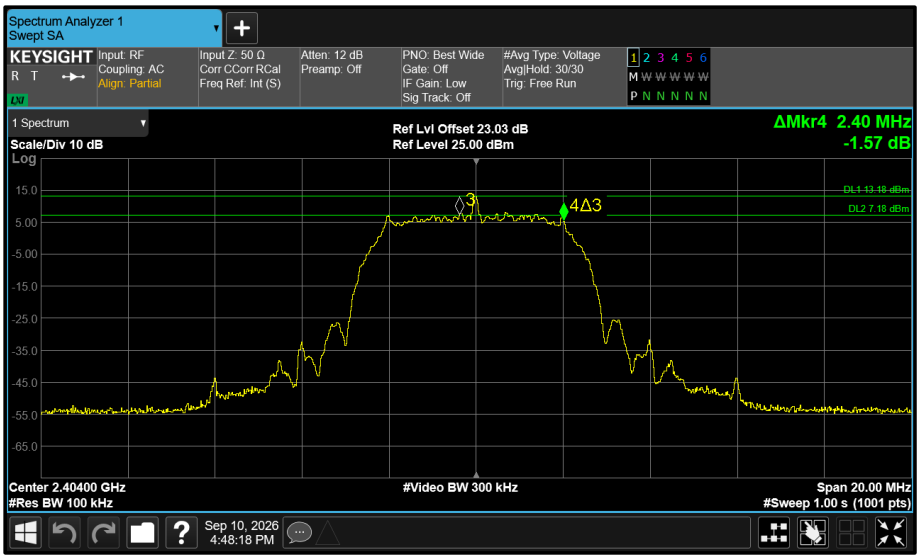

Figure 230 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

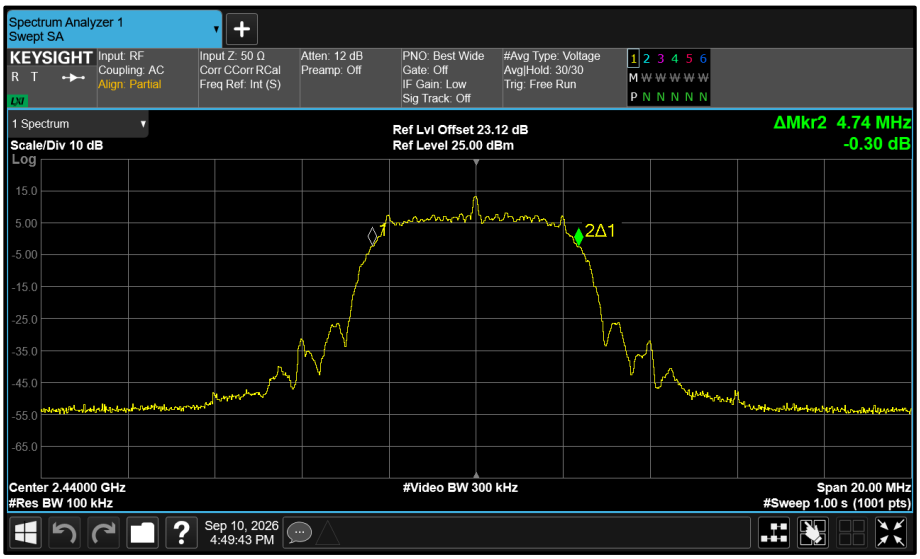

Figure 231 - Core 1 (B) 2440 MHz (CH38) 99% Bandwidth

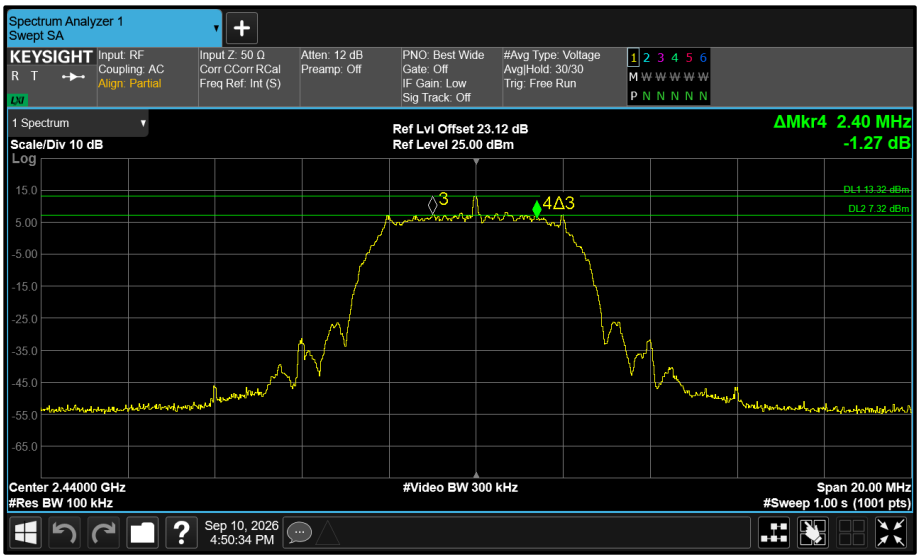

Figure 232 - Core 1 (B) 2440 MHz (CH38) 6 dB Bandwidth

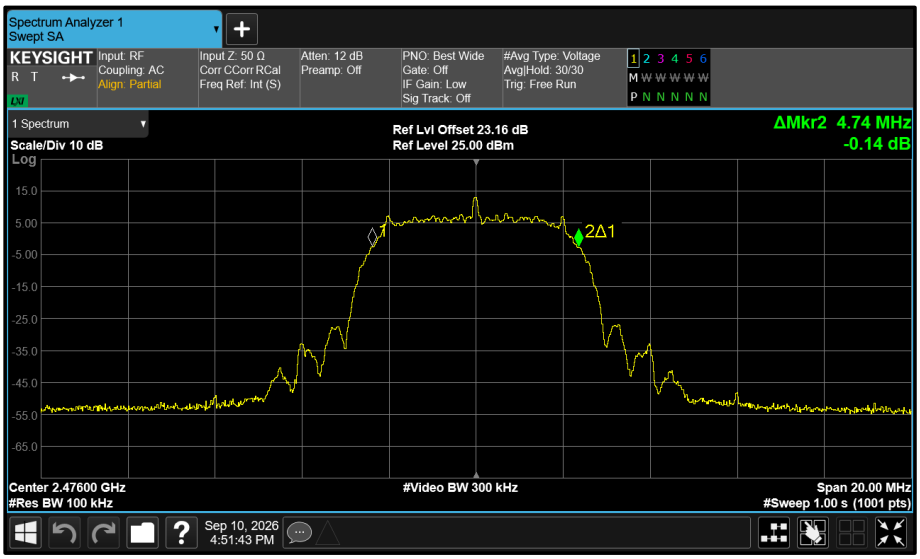

Figure 233 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

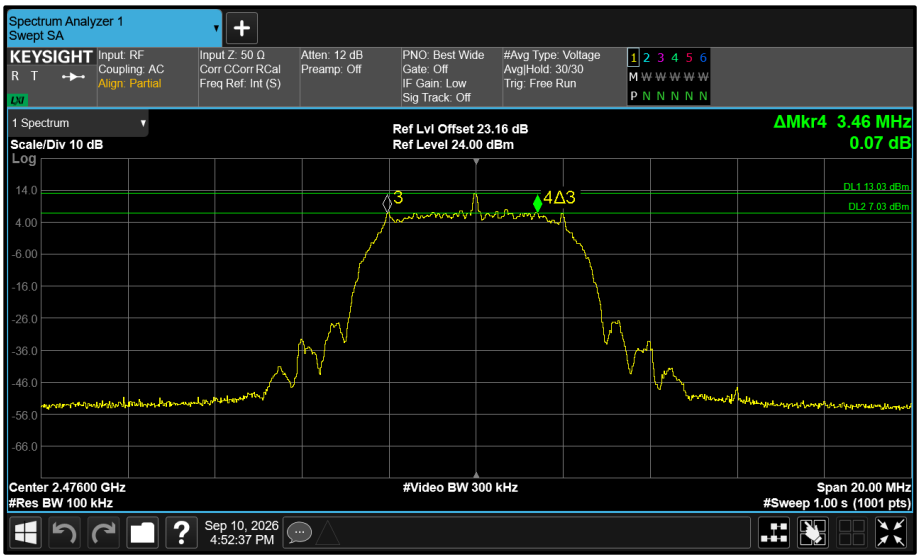

Figure 234 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA HDRP (HDRPM12)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	-	4.060	-	-	≥500.0
2440	-	4.040	-	-	≥500.0
2476	-	4.060	-	-	≥500.0

Table 73 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	-	4.700	-	-	-
2440	-	4.700	-	-	-
2476	-	4.720	-	-	-

Table 74 - 99% Bandwidth Results

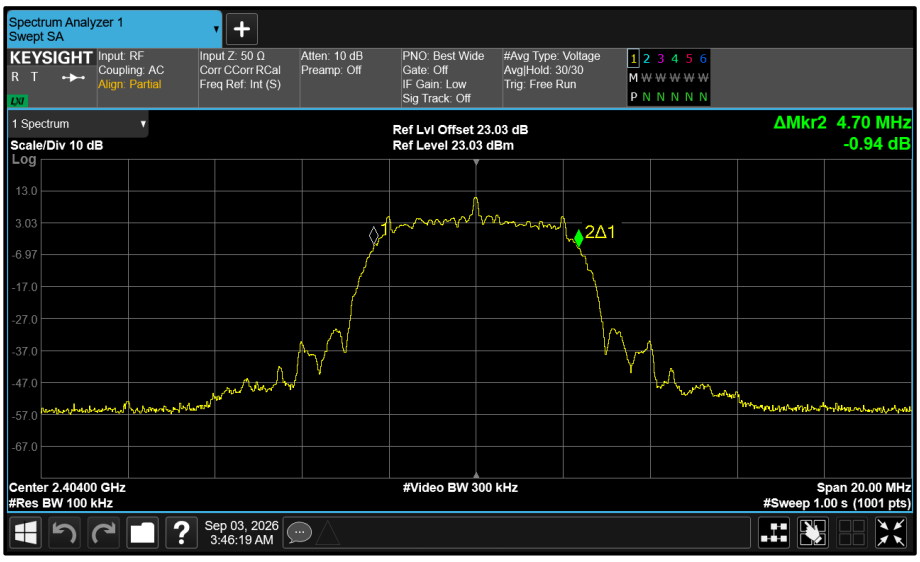

Figure 235 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

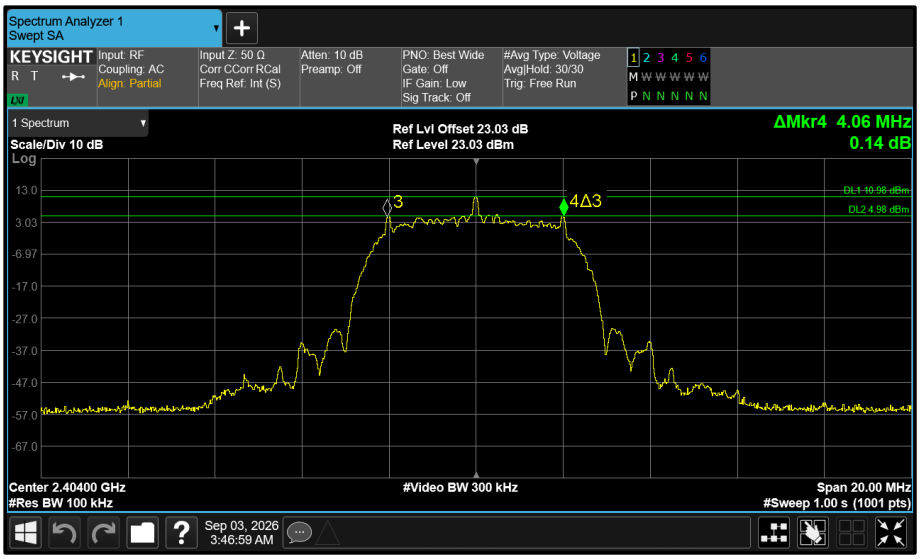

Figure 236 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

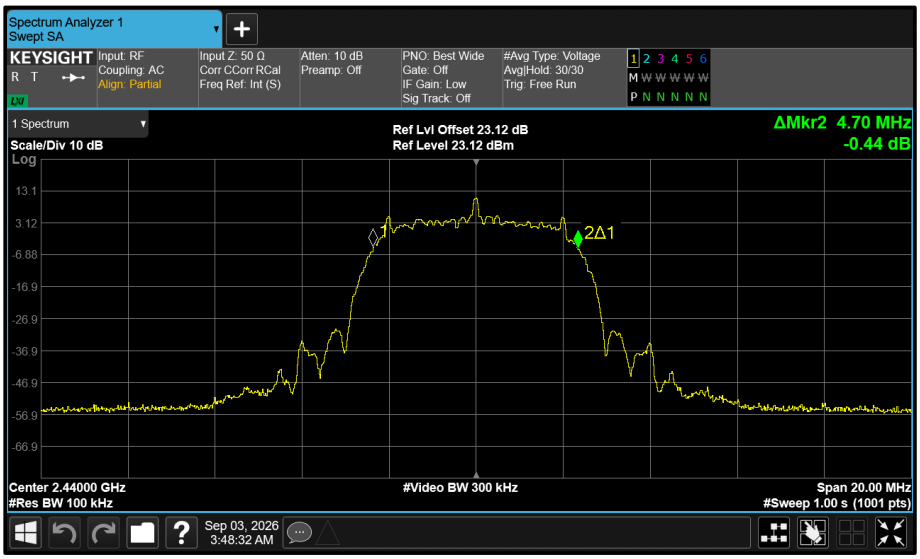

Figure 237 - Core 1 (B) 2440 MHz (CH38) 99% Bandwidth

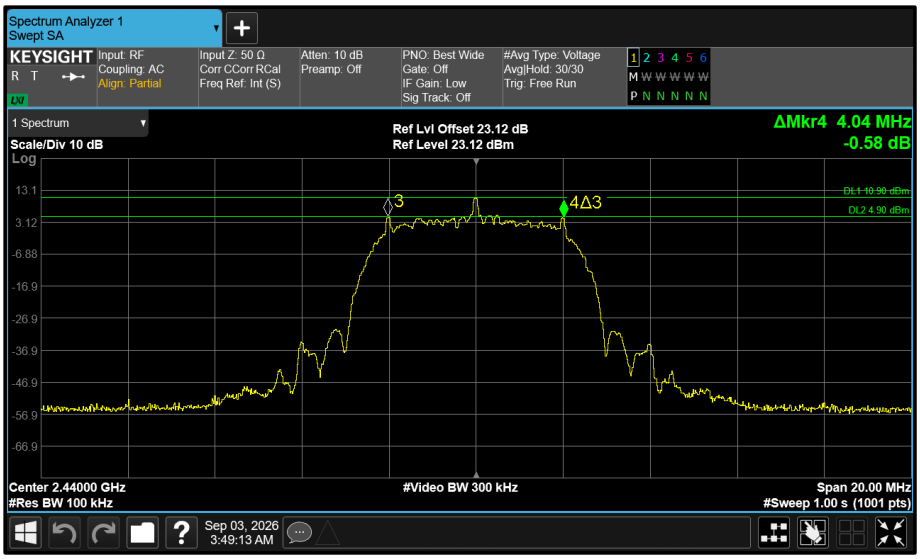

Figure 238 - Core 1 (B) 2440 MHz (CH38) 6 dB Bandwidth

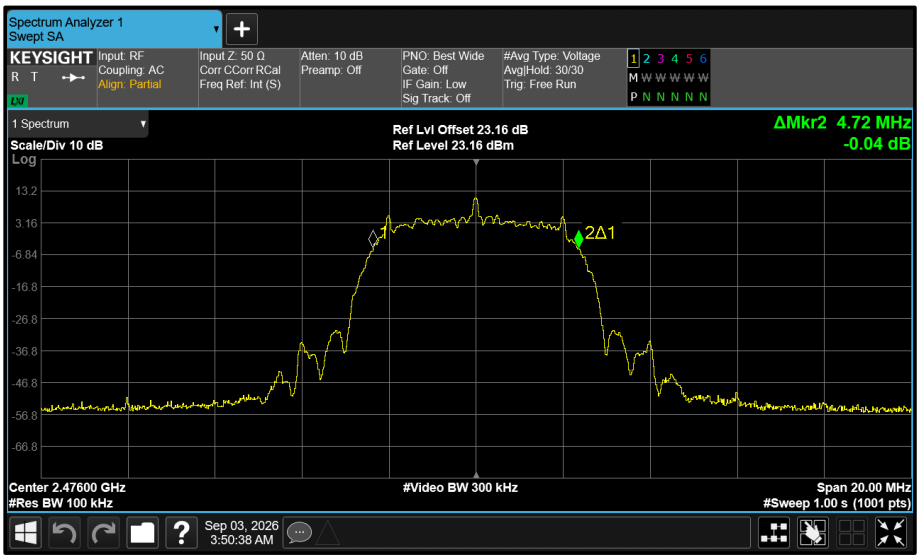

Figure 239 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

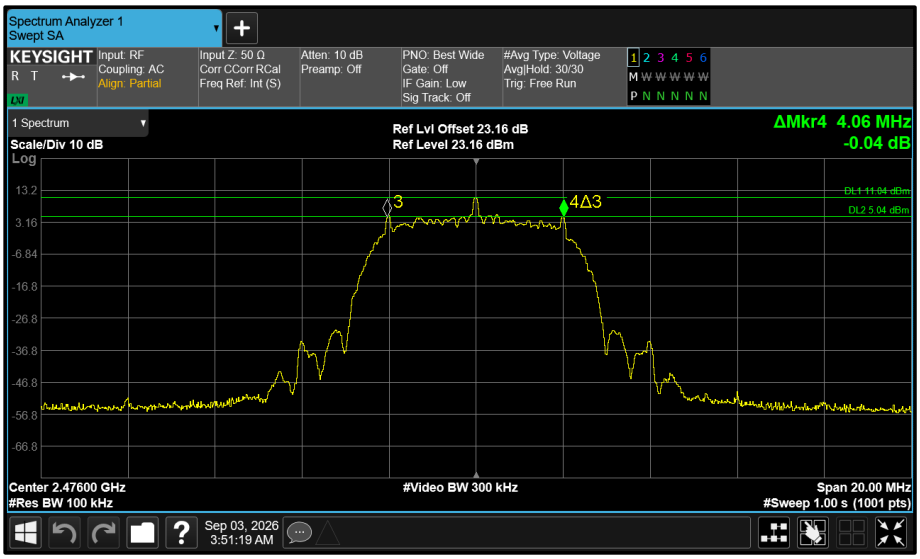

Figure 240 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA LE (LE 1M)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (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	-	0.668	-	-	≥500.0
2440	-	0.668	-	-	≥500.0
2480	-	0.668	-	-	≥500.0

Table 75 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	1.016	-	-	-
2440	-	1.012	-	-	-
2480	-	1.016	-	-	-

Table 76 - 99% Bandwidth Results

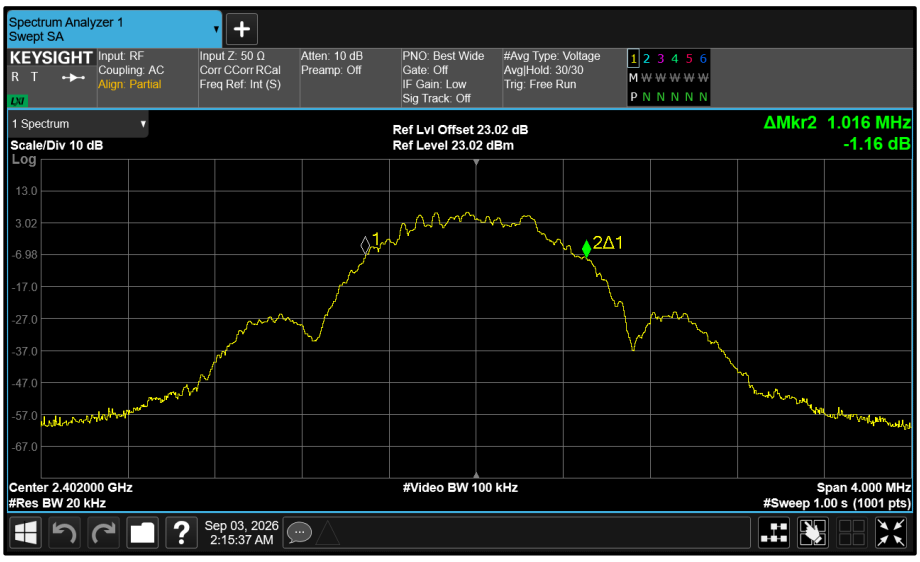

Figure 241 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

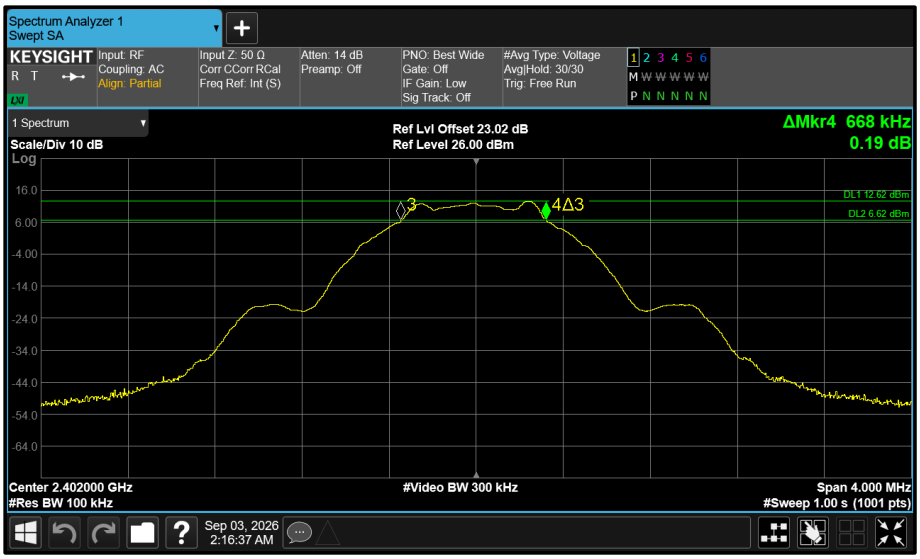

Figure 242 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

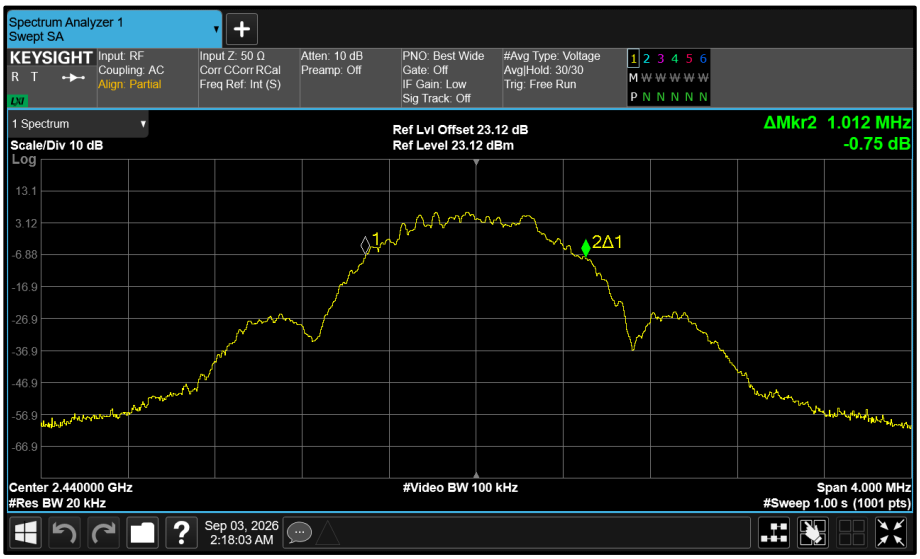

Figure 243 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

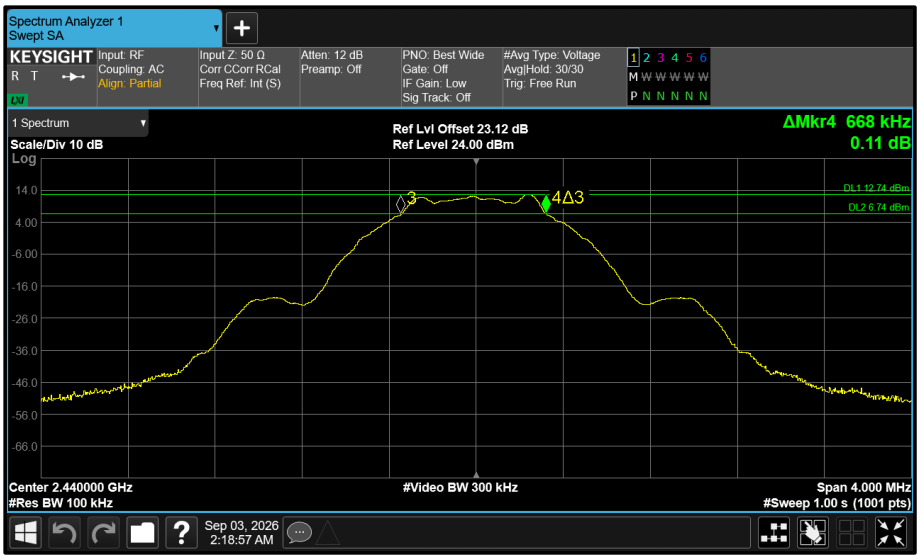

Figure 244 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

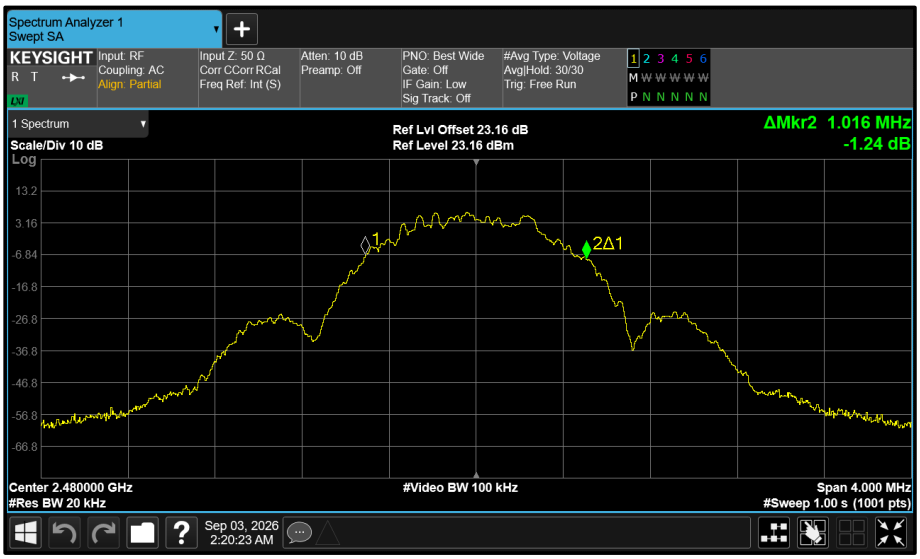

Figure 245 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

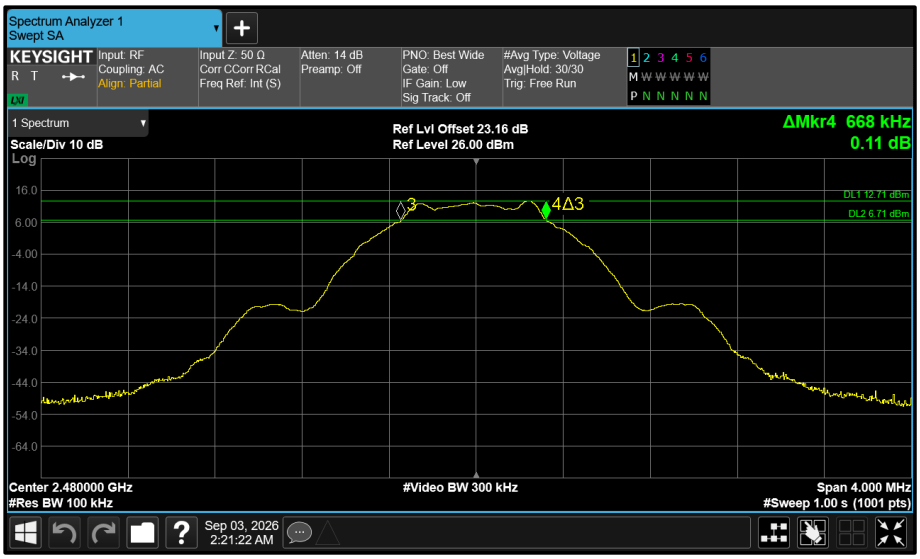

Figure 246 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA EDR (2-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (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	-	1.072	-	-	≥500.0
2441	-	1.076	-	-	≥500.0
2480	-	1.076	-	-	≥500.0

Table 77 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	1.176	-	-	-
2441	-	1.180	-	-	-
2480	-	1.180	-	-	-

Table 78 - 99% Bandwidth Results

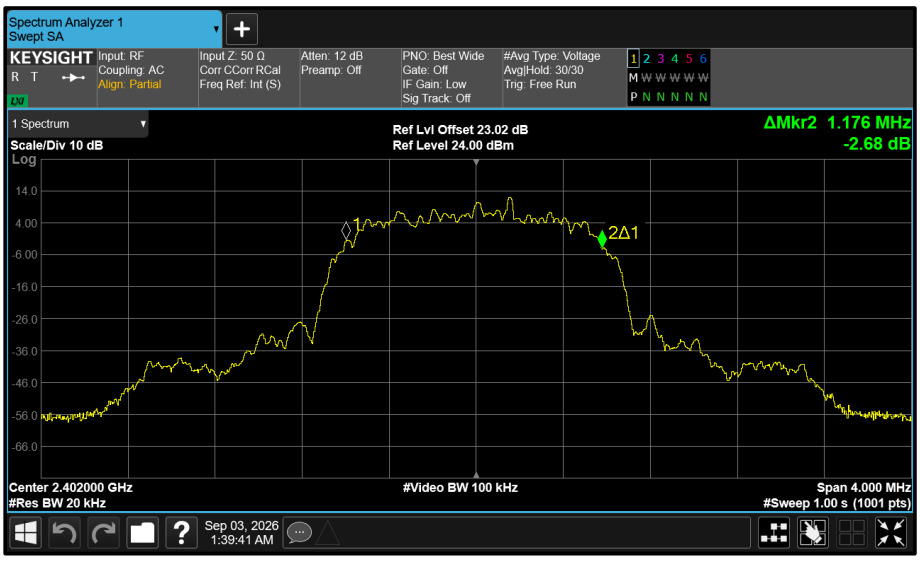

Figure 247 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

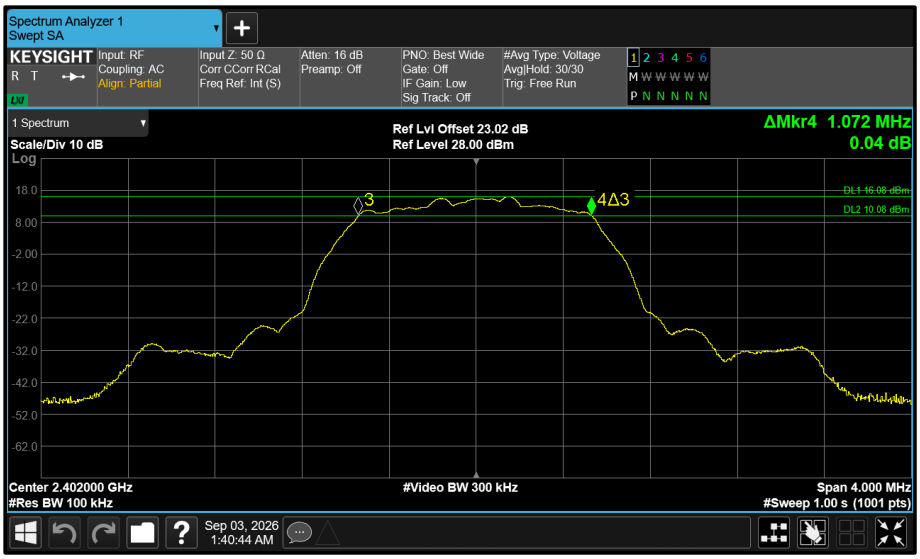

Figure 248 - Core 1 (B) 2402 MHz (CH0) 6 dB Bandwidth

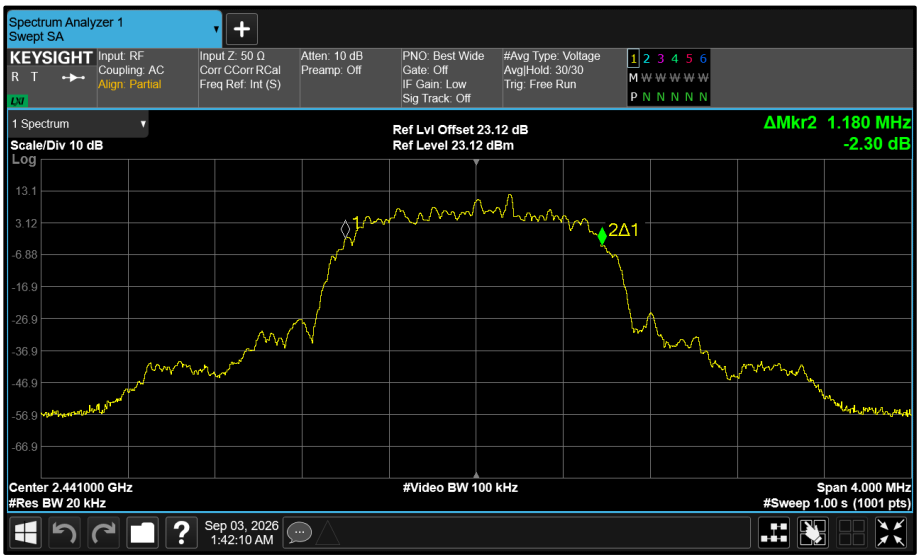

Figure 249 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

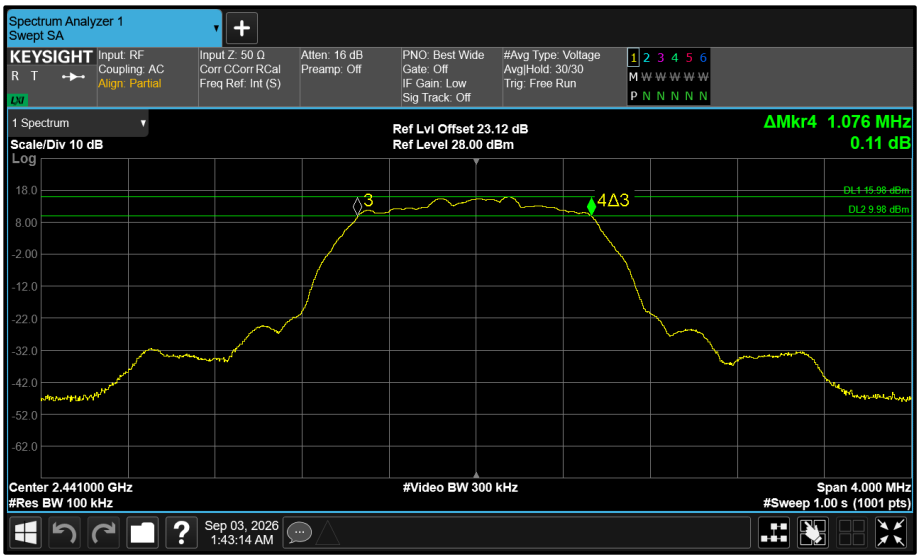

Figure 250 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

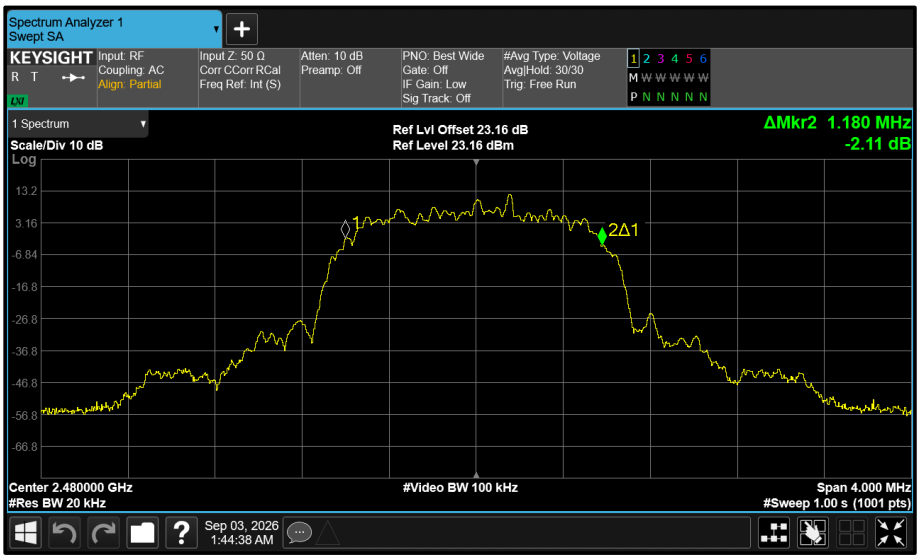

Figure 251 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

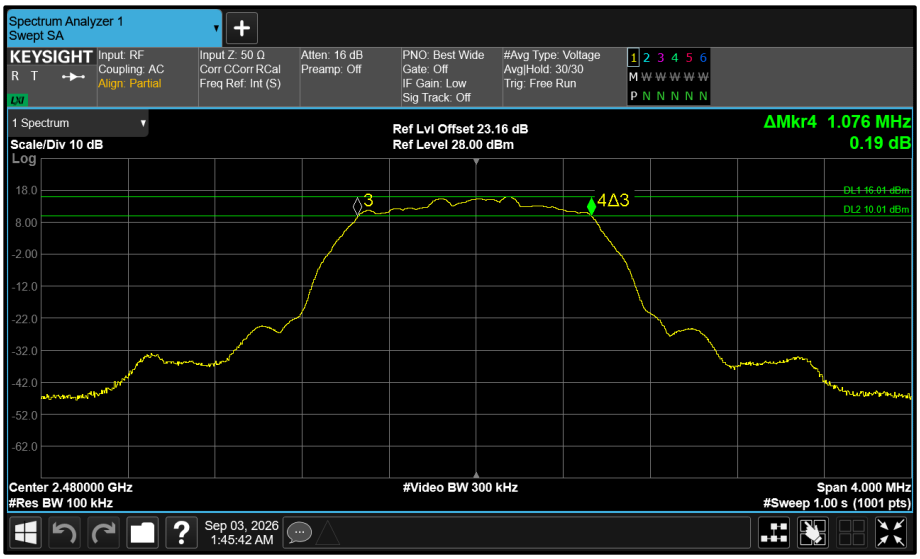

Figure 252 - Core 1 (B) 2480 MHz (CH78) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA HDT (HDT4)	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	2.144	2.144	-	-	≥500.0
2440	2.128	2.136	-	-	≥500.0
2478	2.144	2.144	-	-	≥500.0

Table 79 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	2.352	2.352	-	-	-
2440	2.352	2.352	-	-	-
2478	2.352	2.352	-	-	-

Table 80 - 99% Bandwidth Results

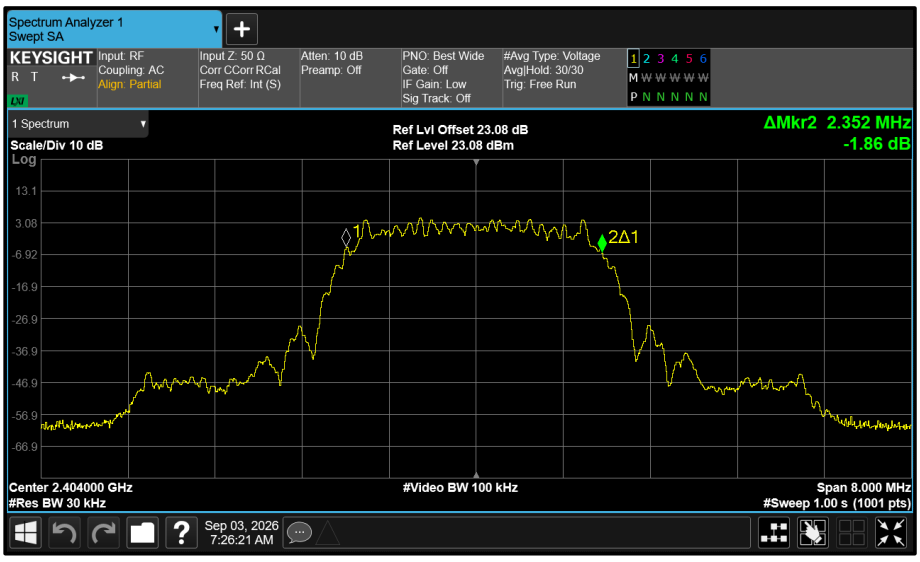

Figure 253 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

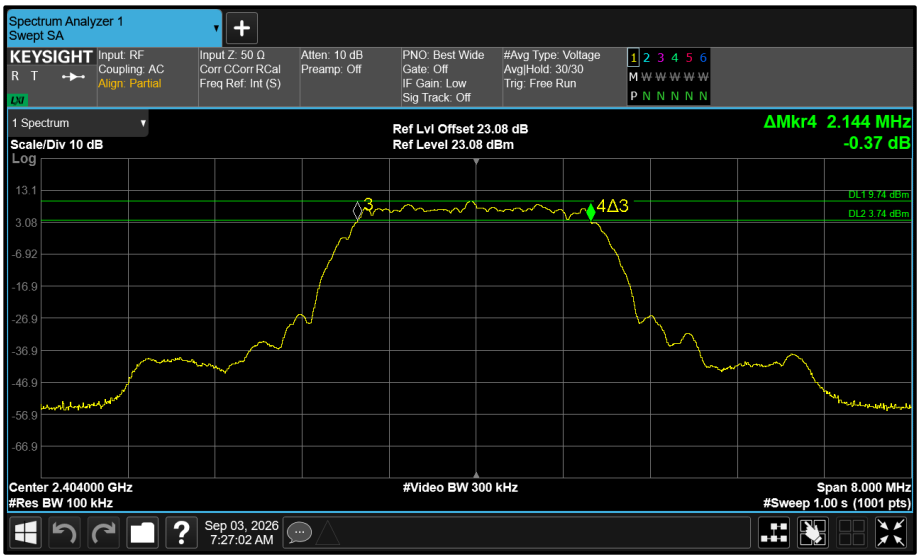

Figure 254 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

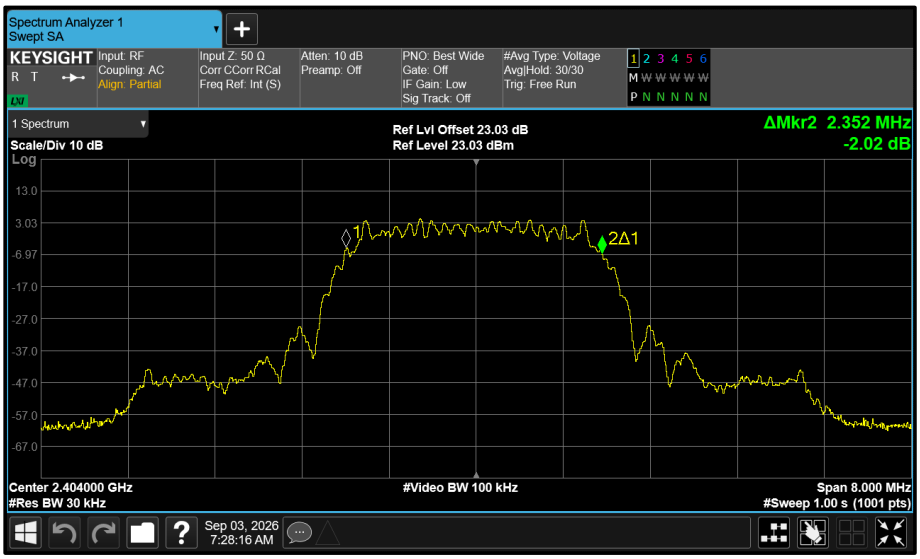

Figure 255 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

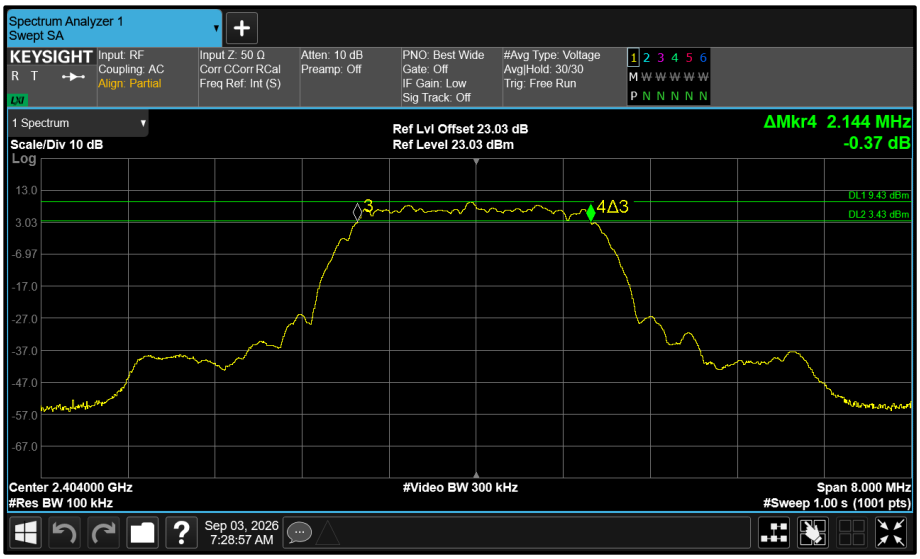

Figure 256 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

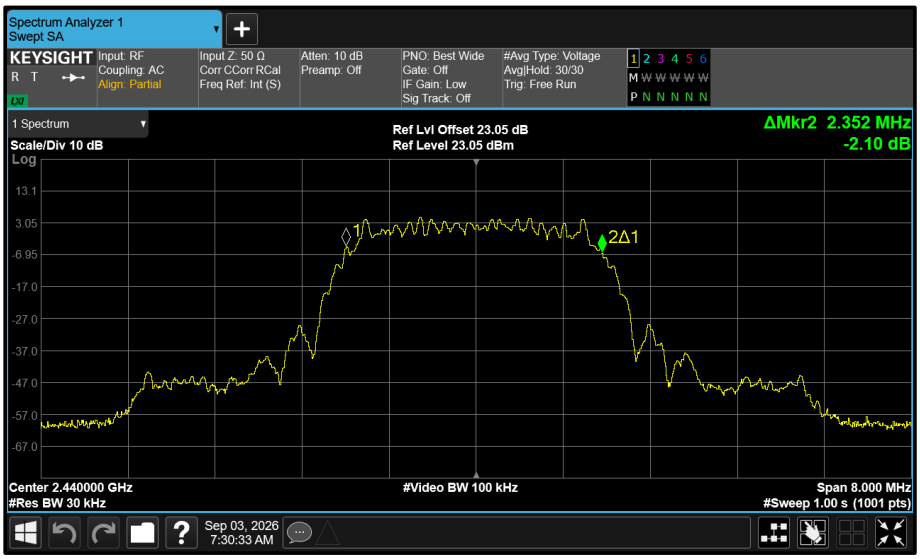

Figure 257 - Core 0 (A) 2440 MHz (CH38) 99% Bandwidth

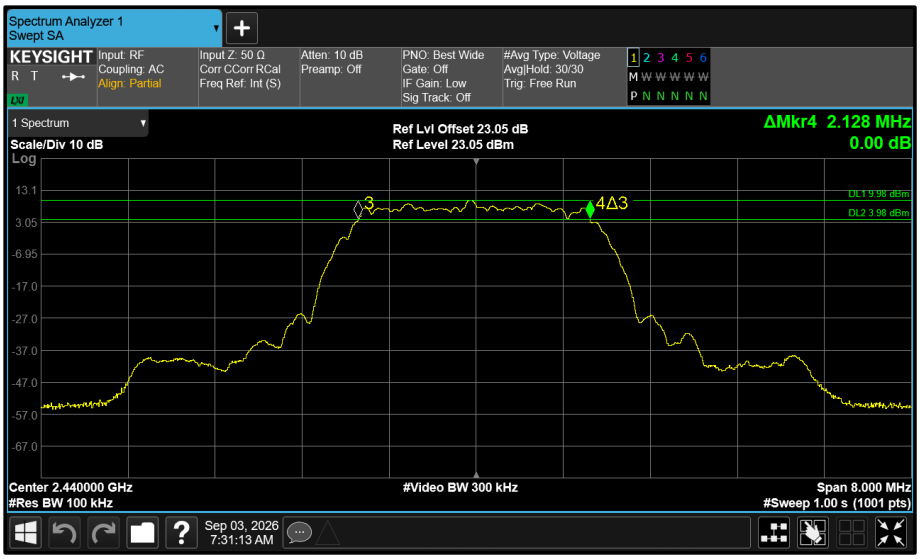

Figure 258 - Core 0 (A) 2440 MHz (CH38) 6 dB Bandwidth

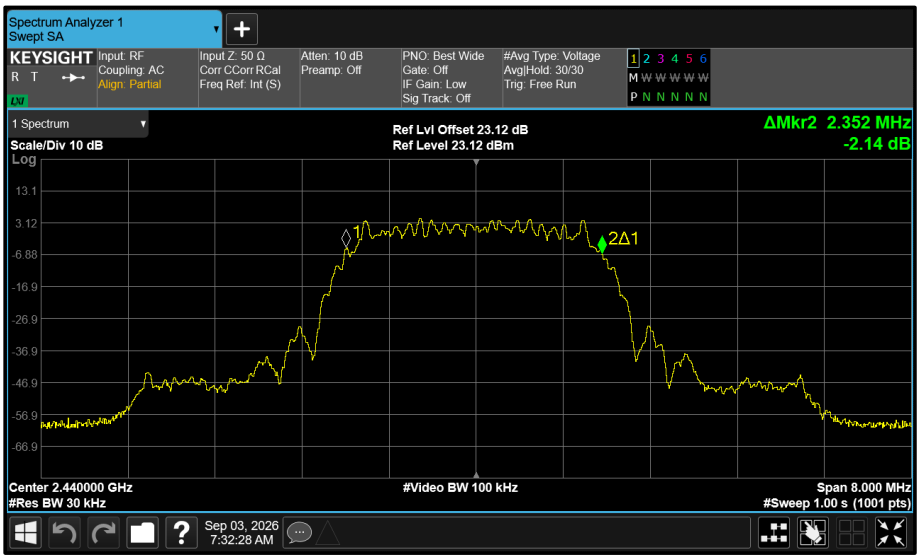

Figure 259 - Core 1 (B) 2440 MHz (CH38) 99% Bandwidth

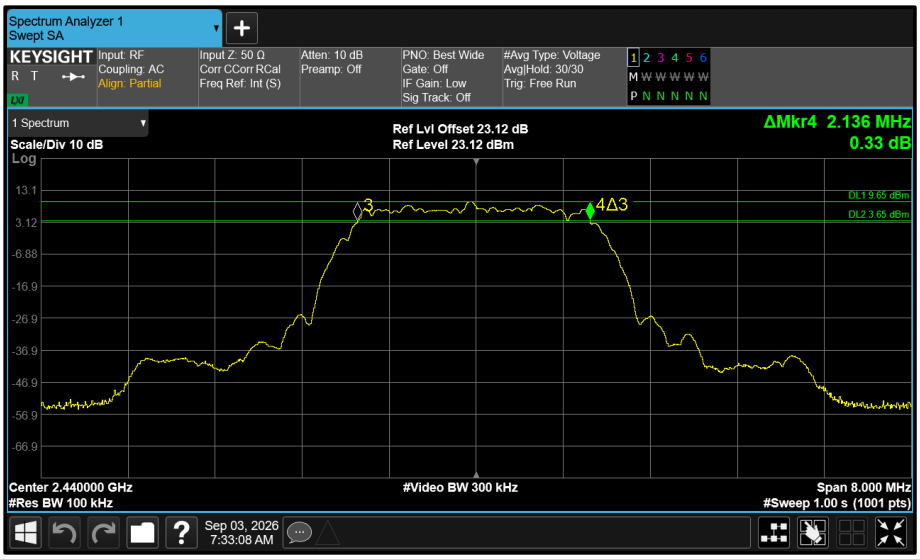

Figure 260 - Core 1 (B) 2440 MHz (CH38) 6 dB Bandwidth

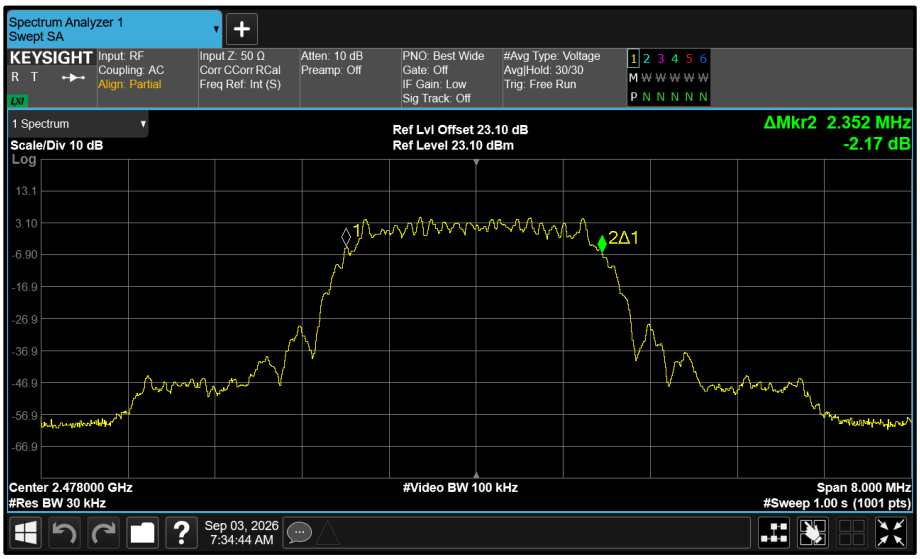

Figure 261 - Core 0 (A) 2478 MHz (CH76) 99% Bandwidth

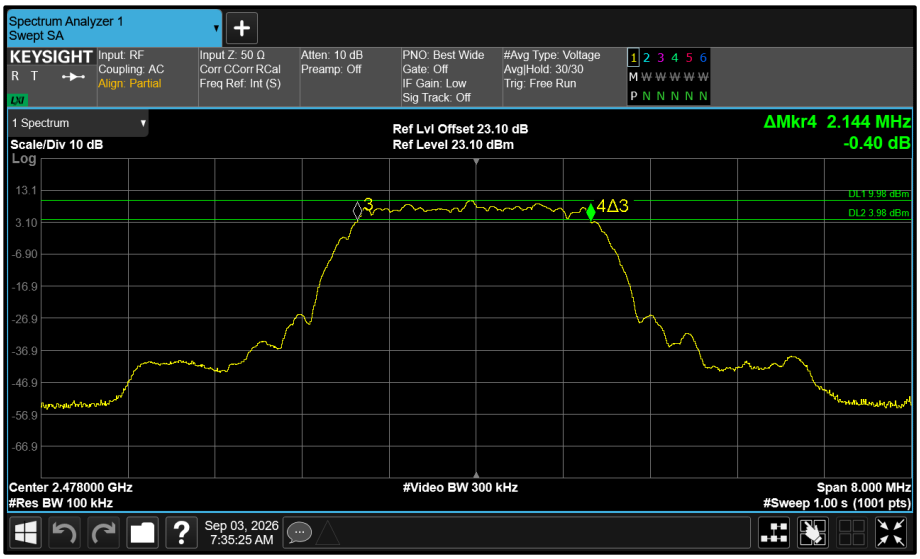

Figure 262 - Core 0 (A) 2478 MHz (CH76) 6 dB Bandwidth

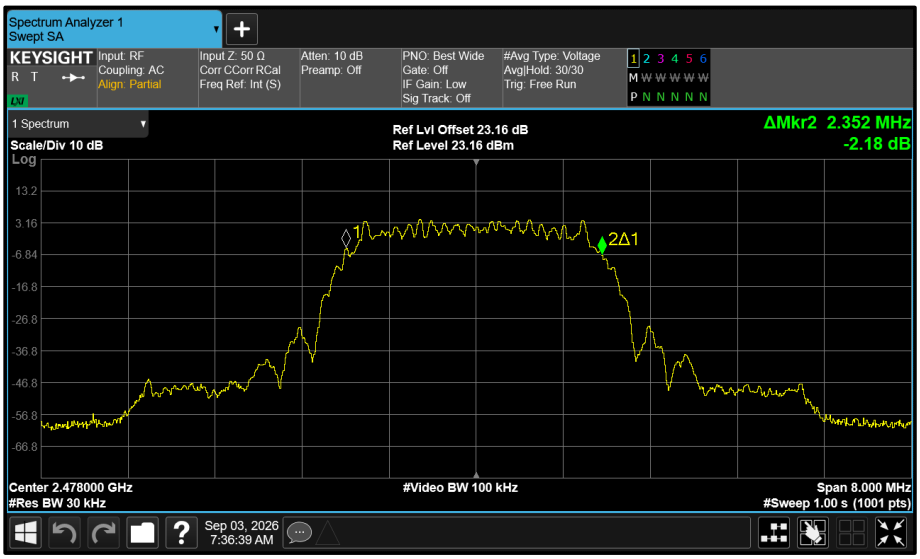

Figure 263 - Core 1 (B) 2478 MHz (CH76) 99% Bandwidth

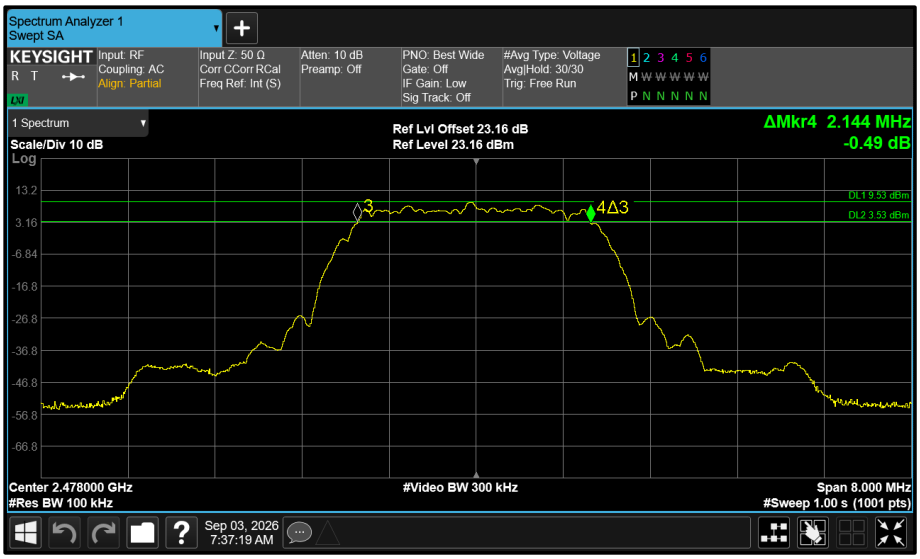

Figure 264 - Core 1 (B) 2478 MHz (CH76) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA HDR (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	0.570	0.570	-	-	≥500.0
2440	0.570	0.570	-	-	≥500.0
2476	0.570	0.570	-	-	≥500.0

Table 81 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	4.635	4.635	-	-	-
2440	4.650	4.650	-	-	-
2476	4.650	4.650	-	-	-

Table 82 - 99% Bandwidth Results

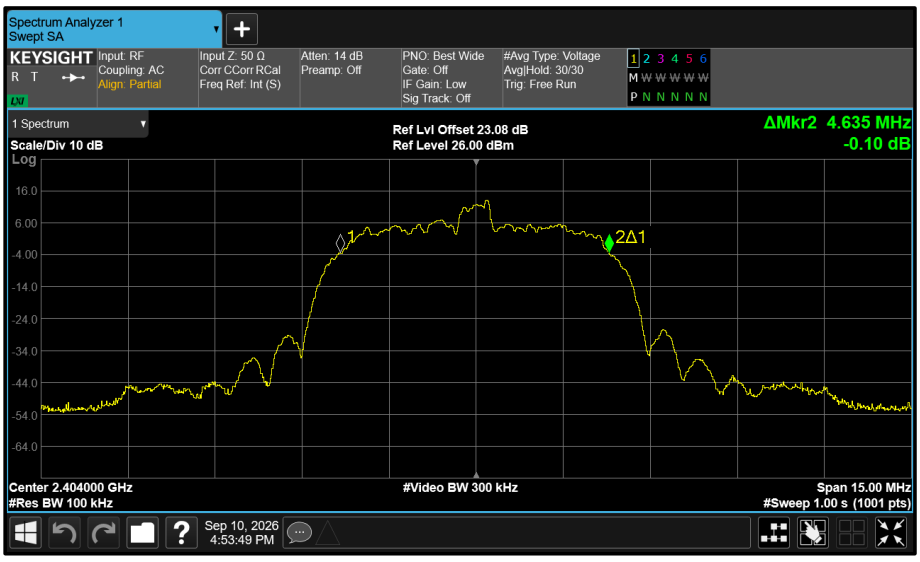

Figure 265 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

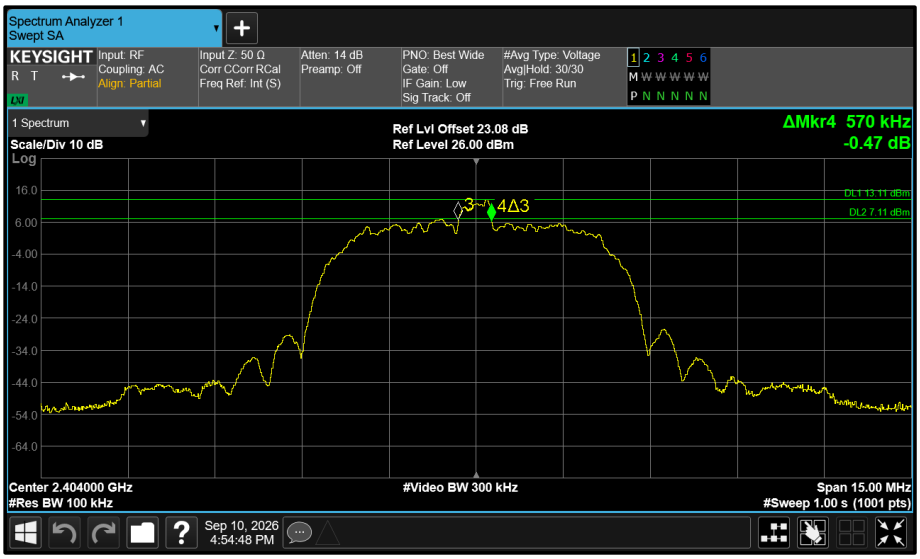

Figure 266 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

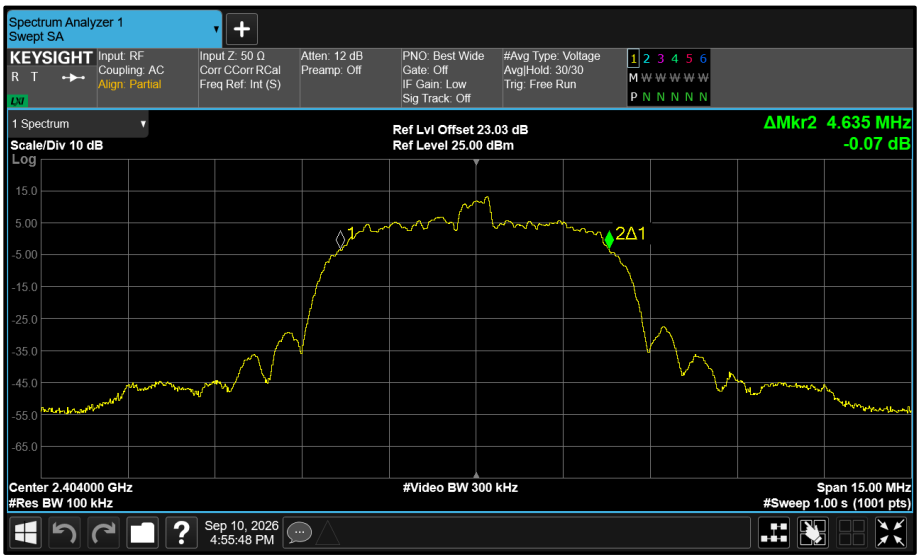

Figure 267 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth