

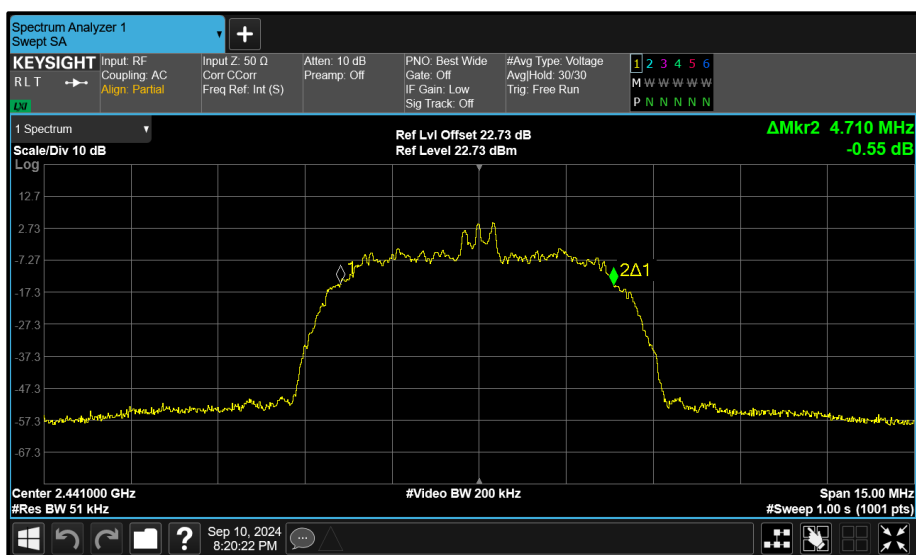


Figure 152 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

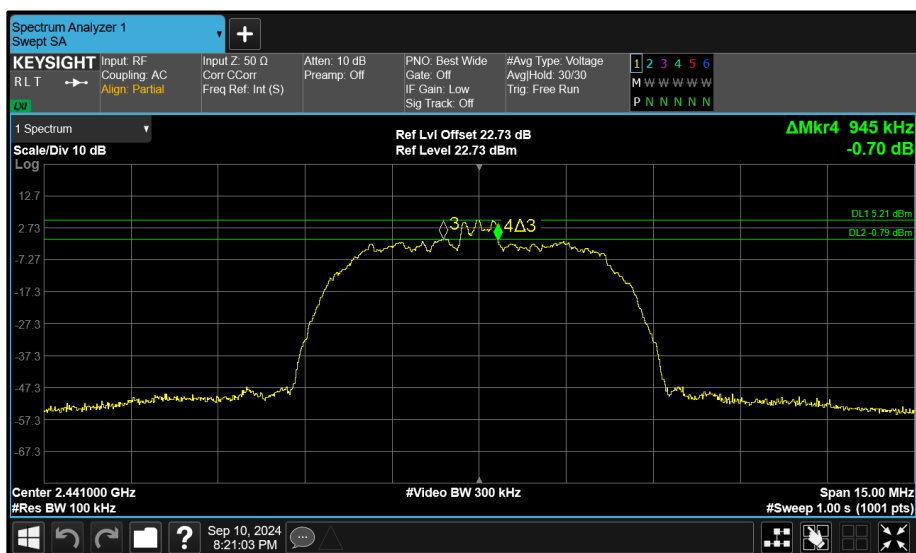


Figure 153 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

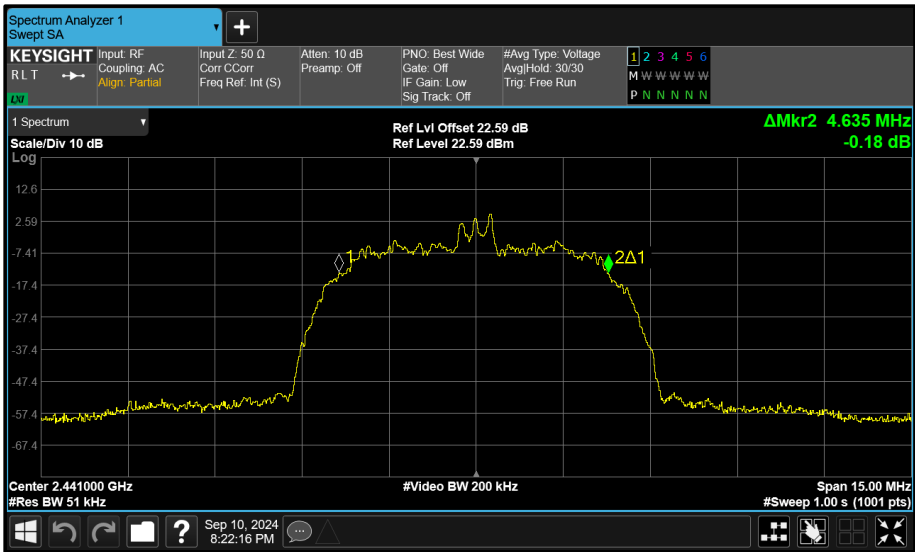


Figure 154 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

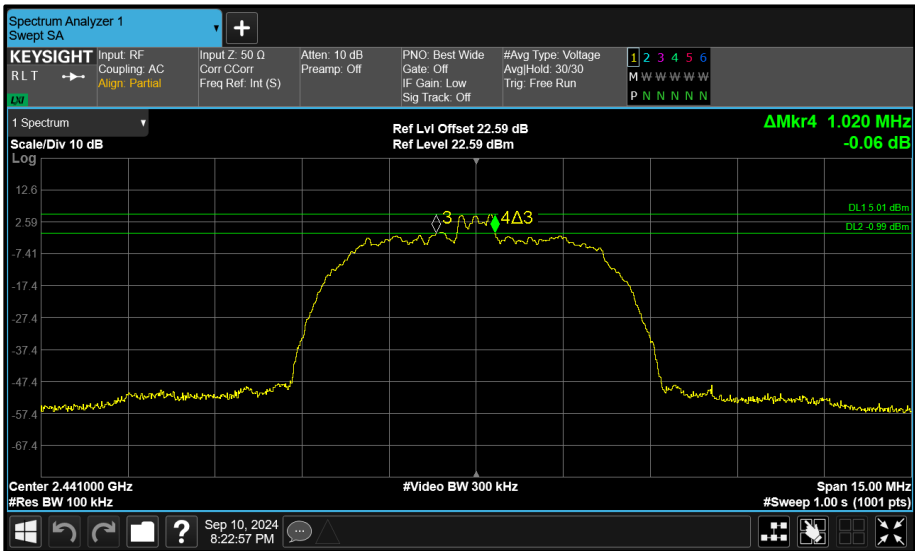


Figure 155 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

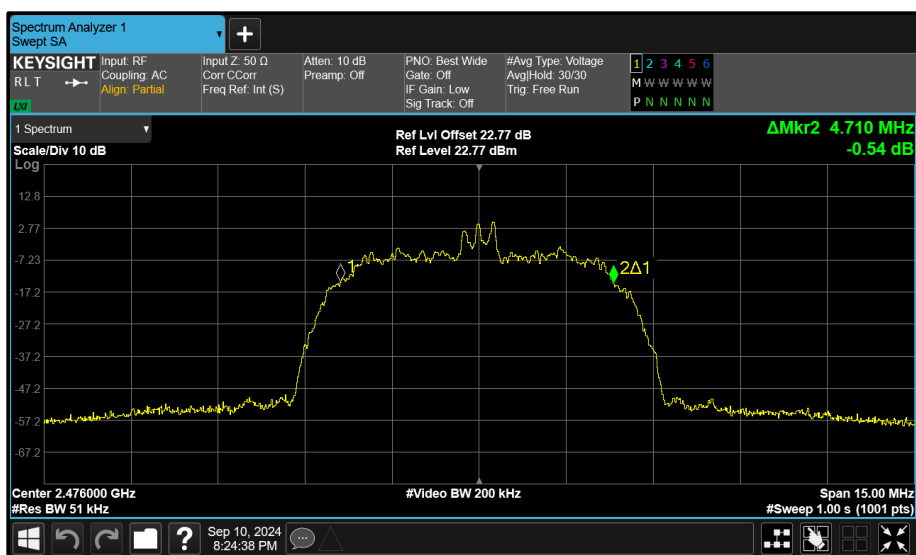


Figure 156 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

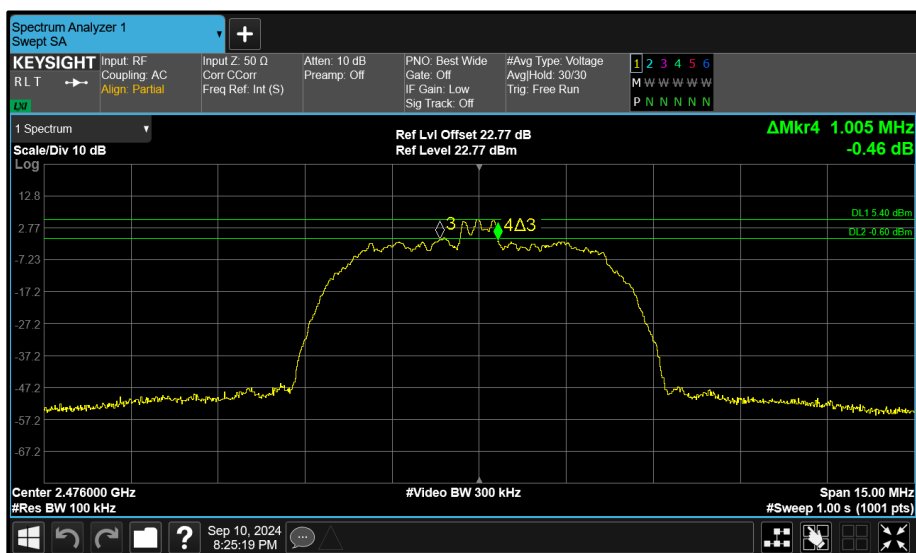


Figure 157 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

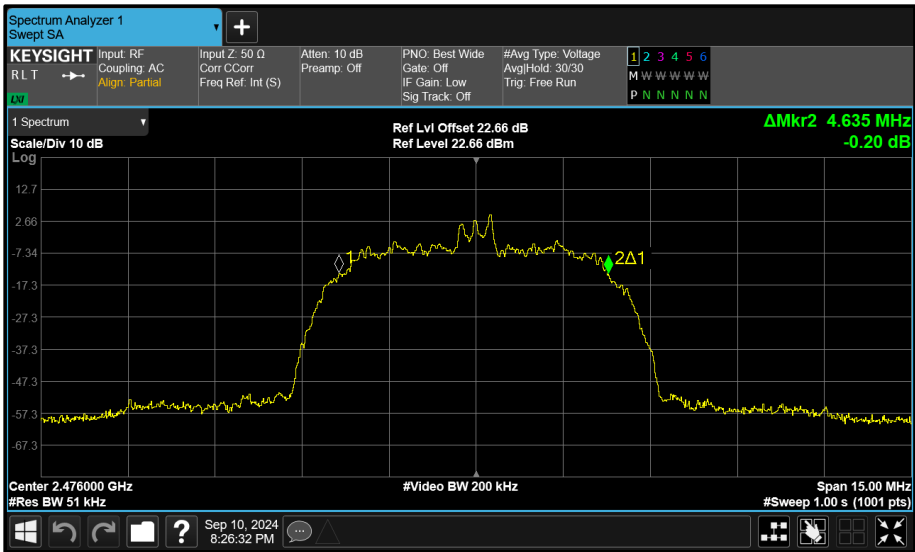


Figure 158 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

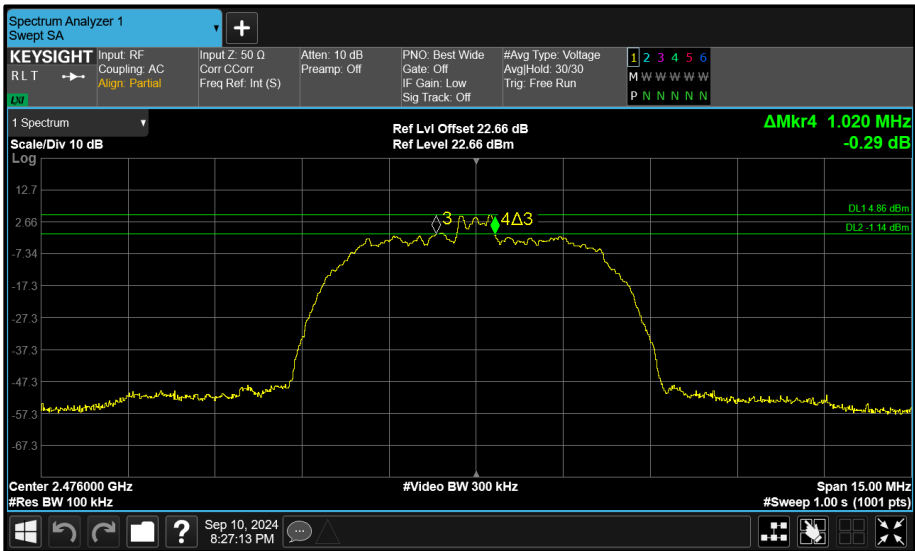


Figure 159 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth



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	0.728	0.660	-	-	≥500.0
2440	0.724	0.660	-	-	≥500.0
2480	0.728	0.684	-	-	≥500.0

Table 44 - 6 dB Bandwidth Results

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

Table 45 - 99% Bandwidth Results

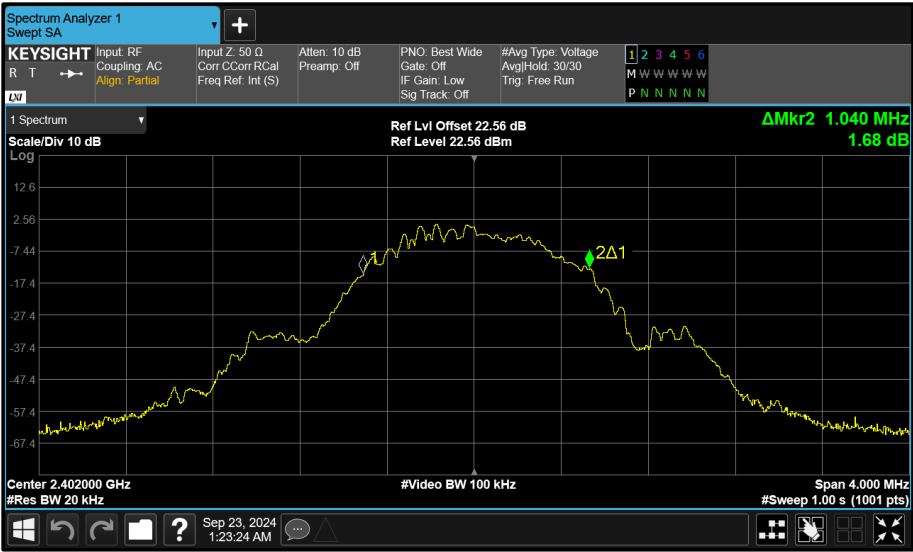


Figure 160 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

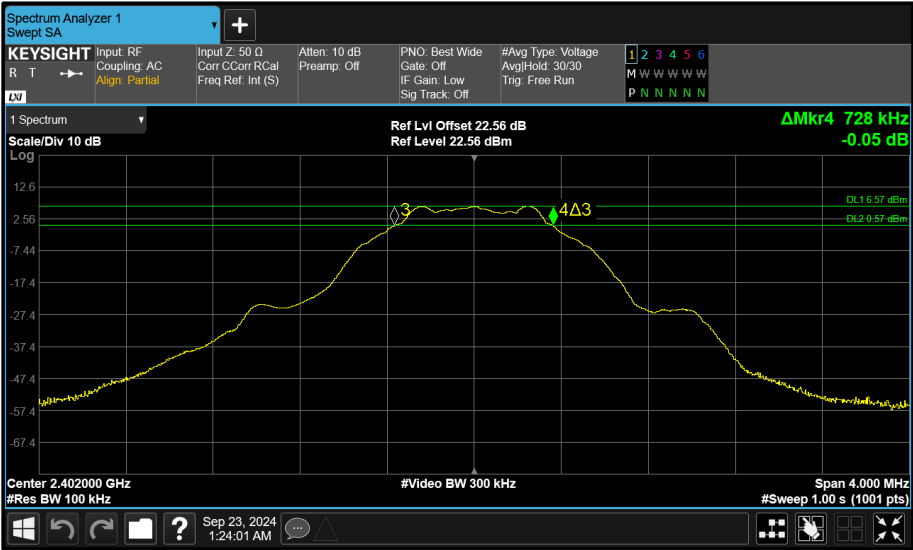


Figure 161 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

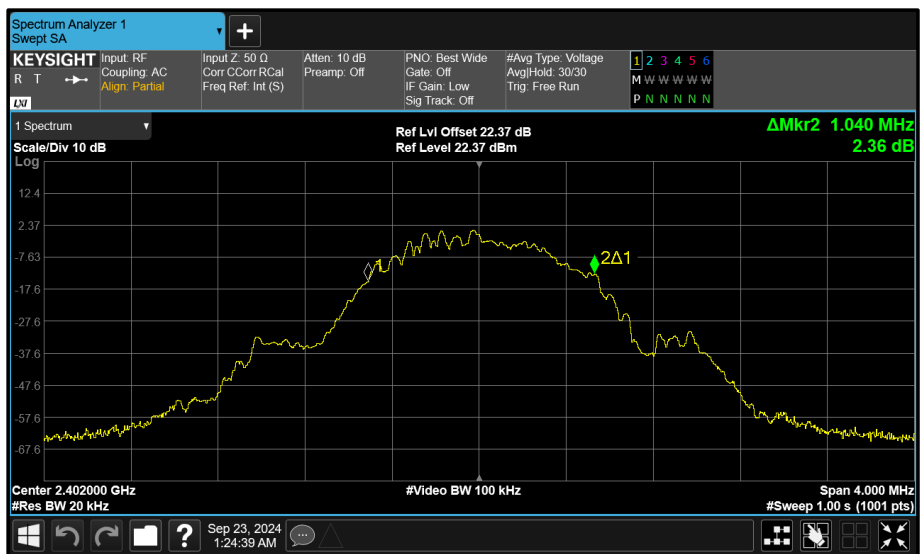


Figure 162 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

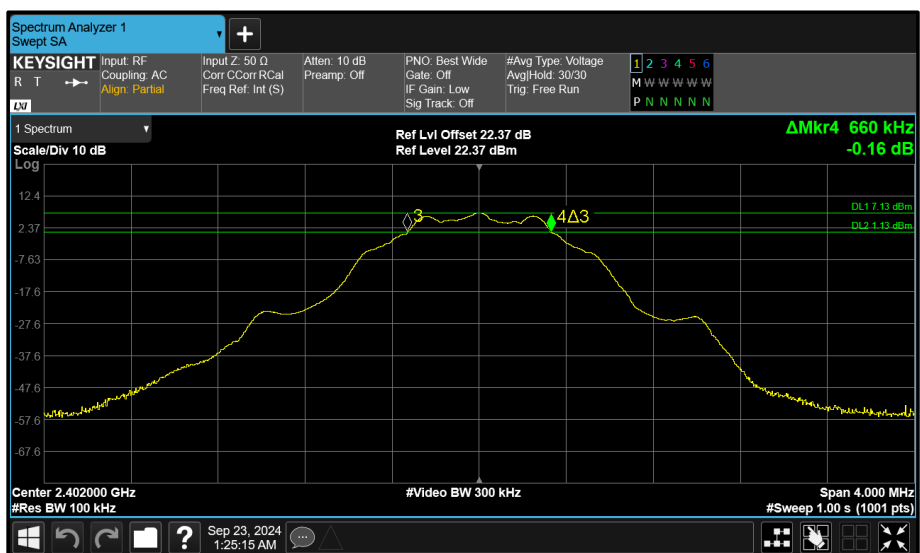


Figure 163 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

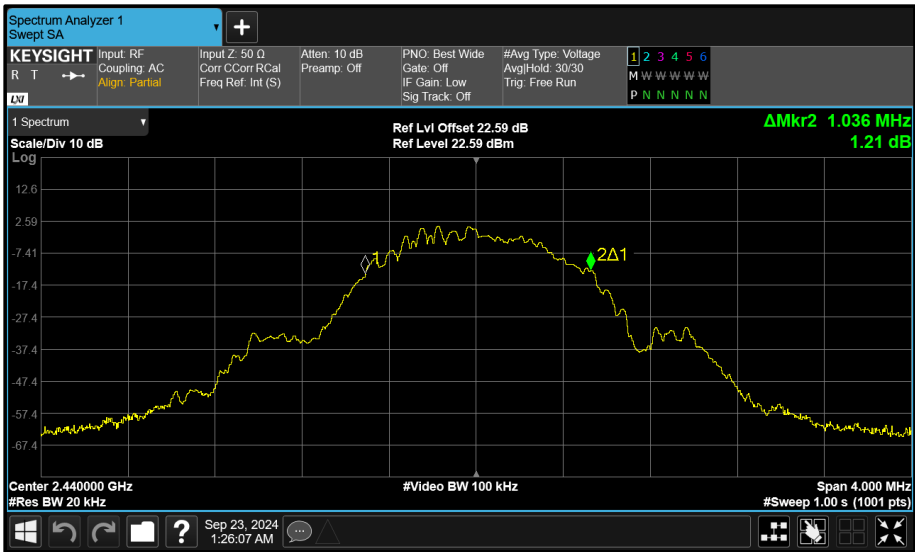


Figure 164 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

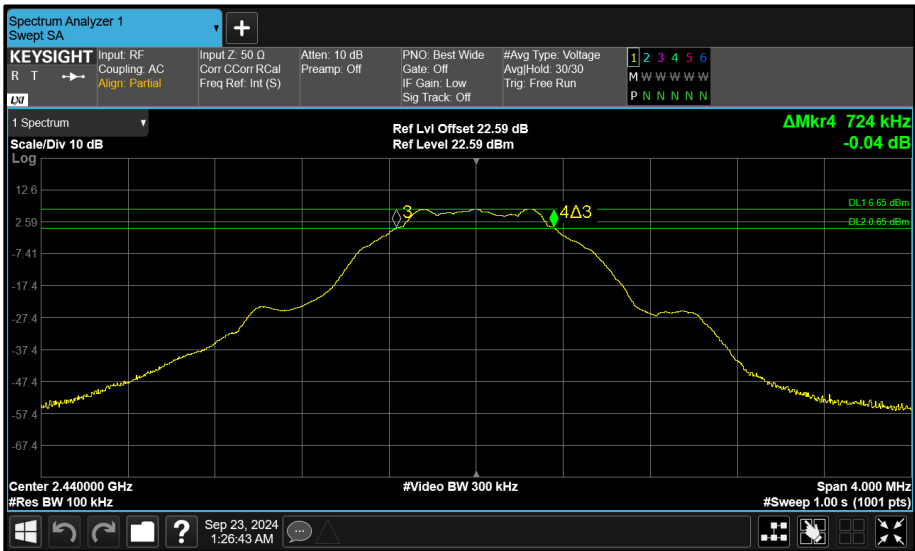


Figure 165 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

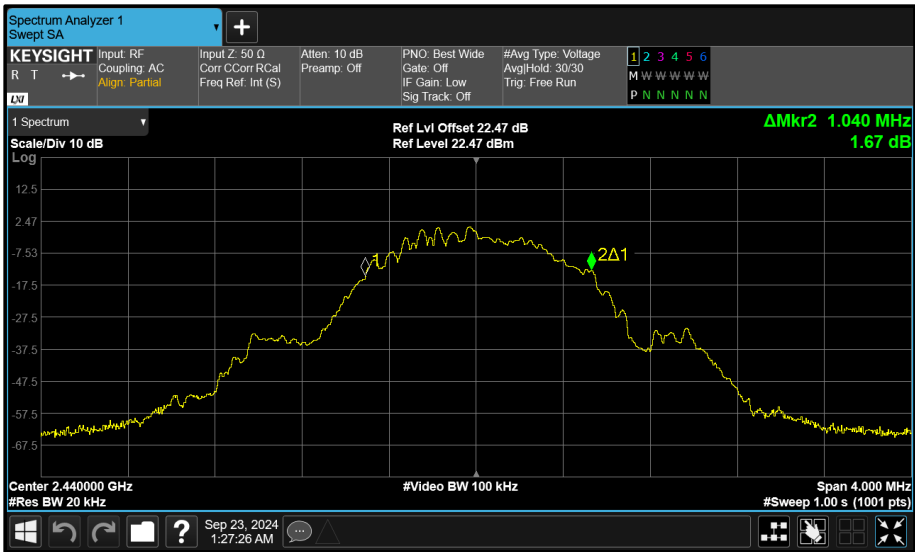


Figure 166 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

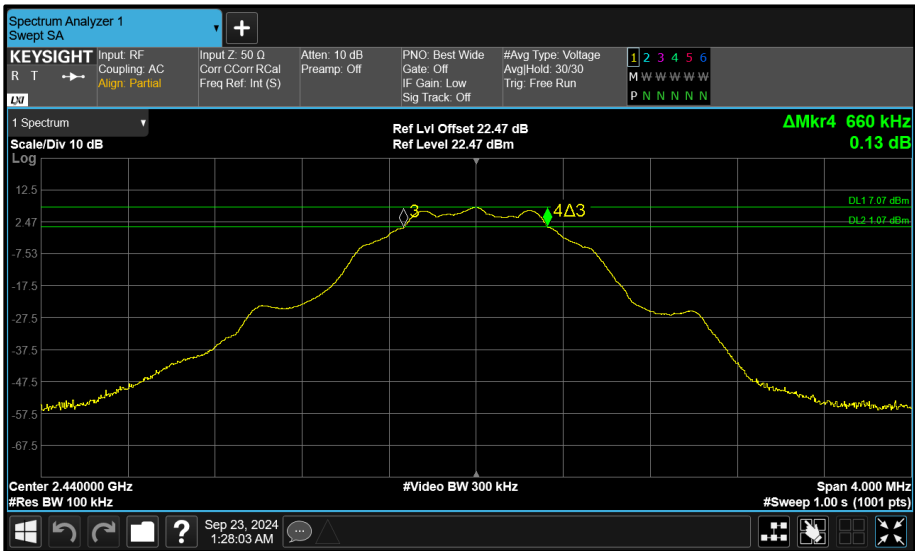


Figure 167 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

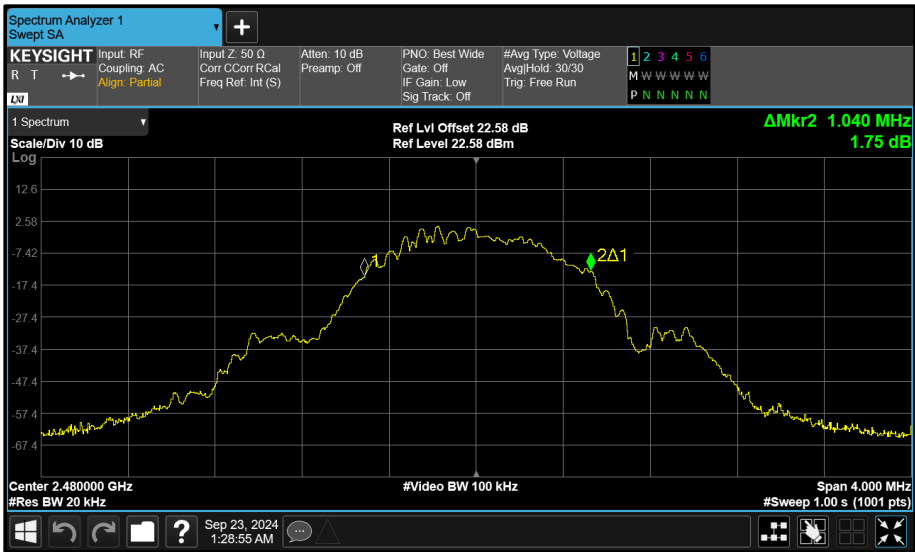


Figure 168 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

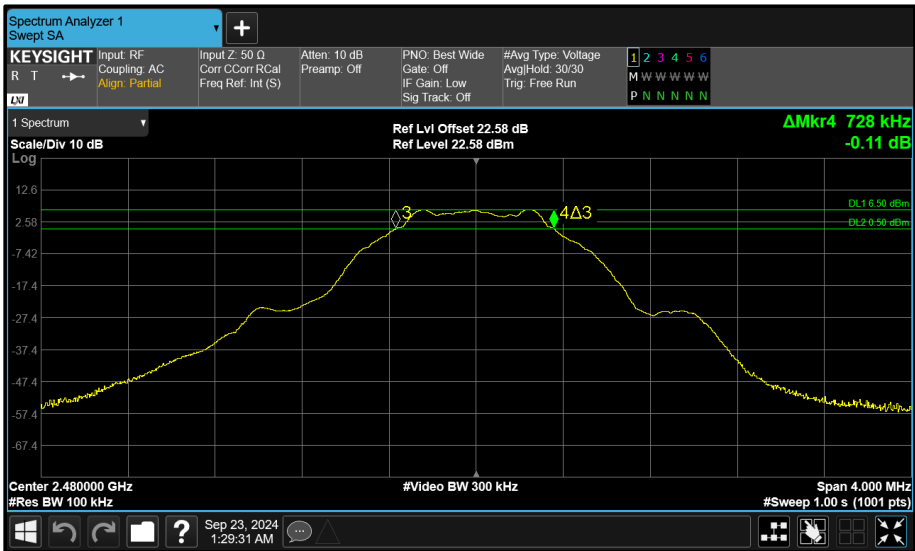


Figure 169 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

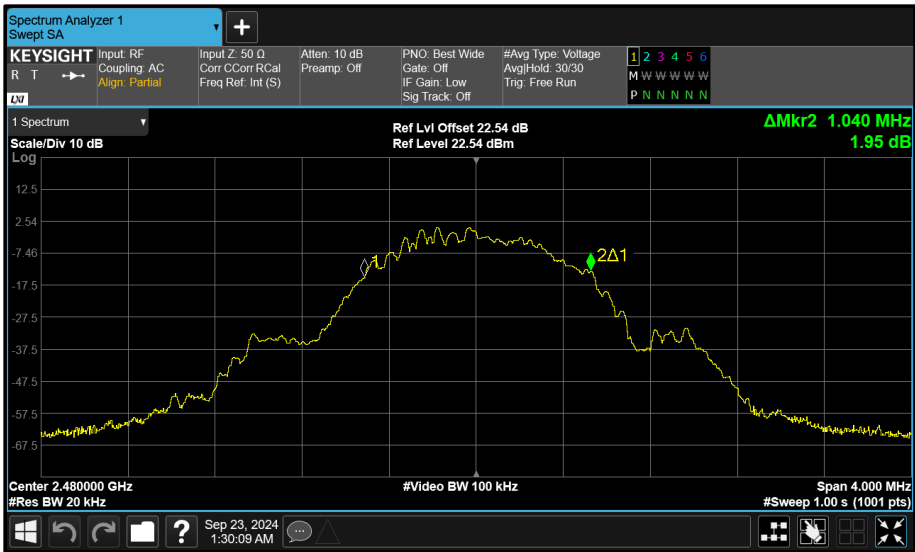


Figure 170 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

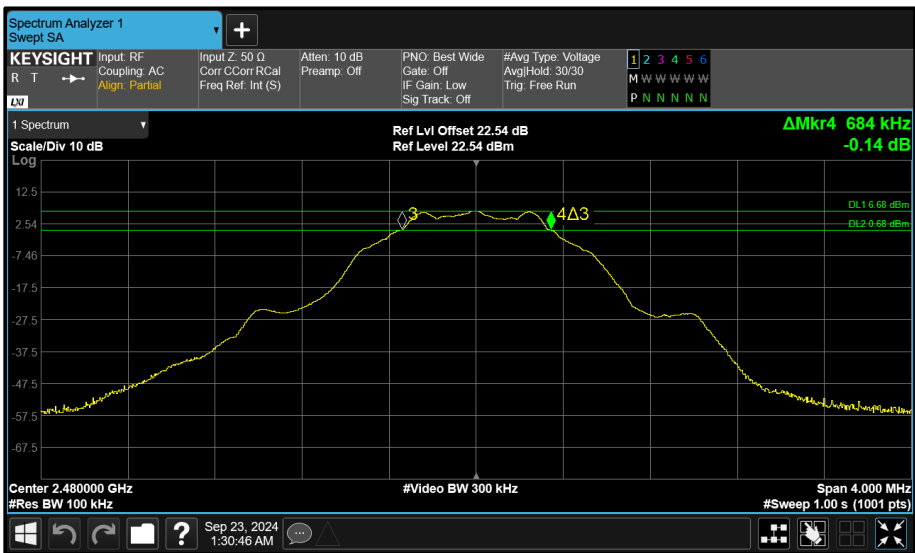


Figure 171 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth



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	1.256	1.152	-	-	≥500.0
2440	1.272	1.160	-	-	≥500.0
2480	1.272	1.248	-	-	≥500.0

Table 46 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	2.088	2.088	-	-	-
2440	2.088	2.088	-	-	-
2480	2.088	2.096	-	-	-

Table 47 - 99% Bandwidth Results

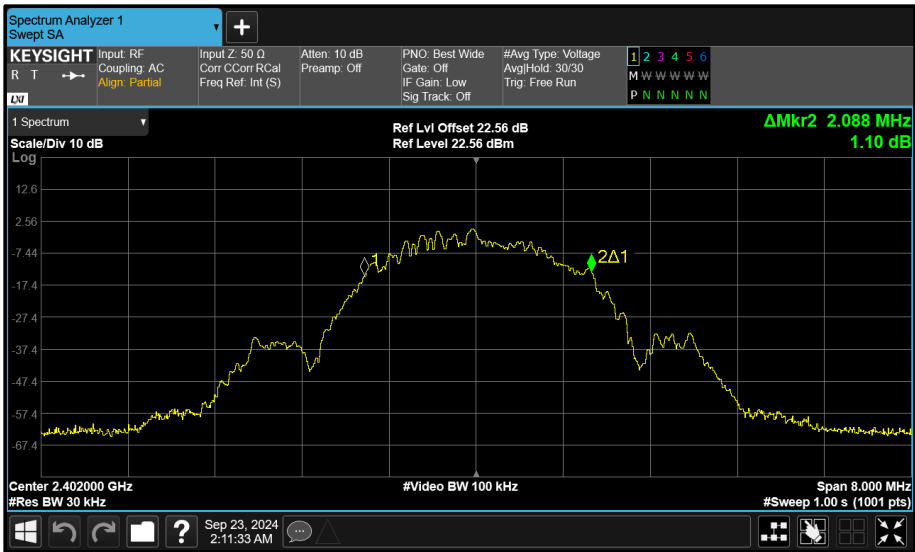


Figure 172 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

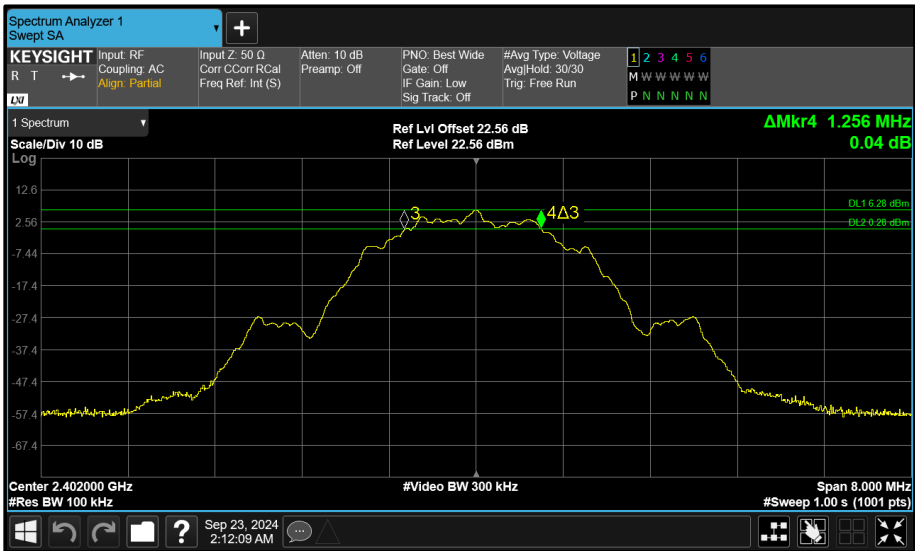


Figure 173 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

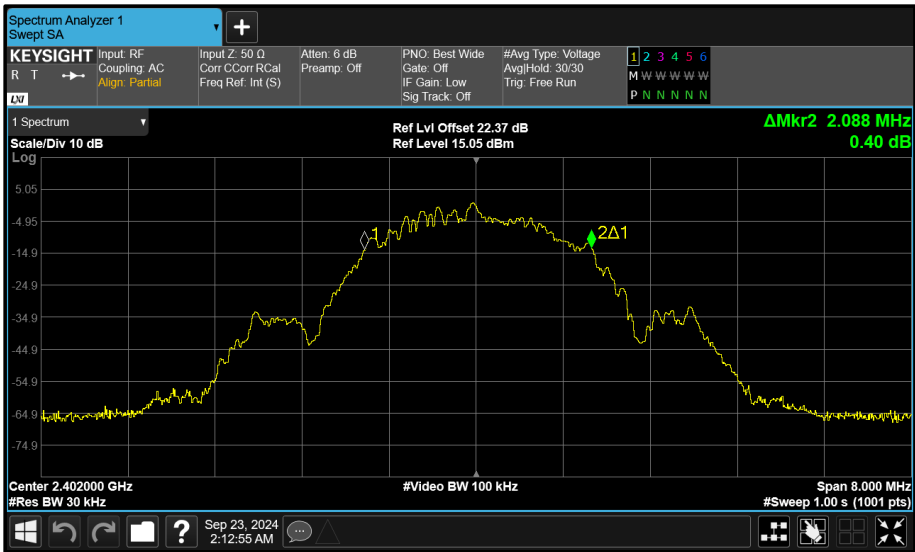


Figure 174 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

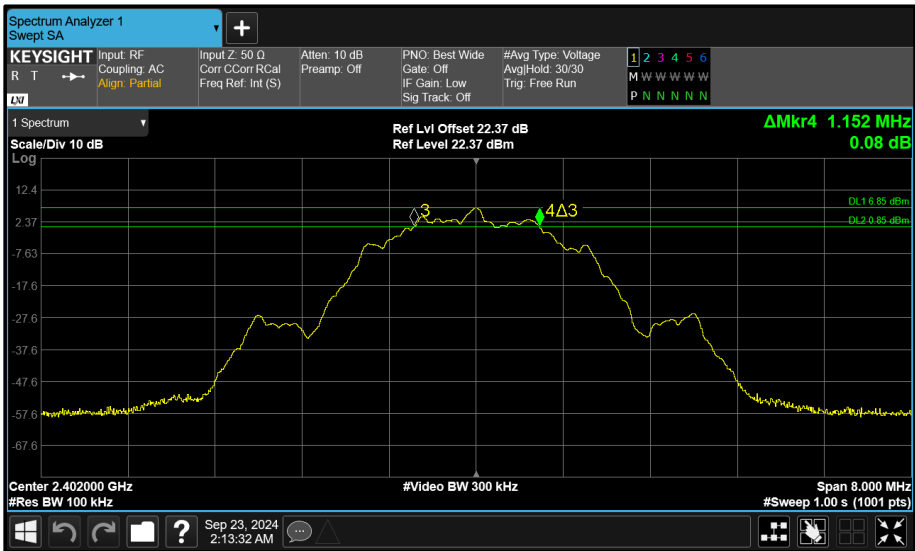


Figure 175 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

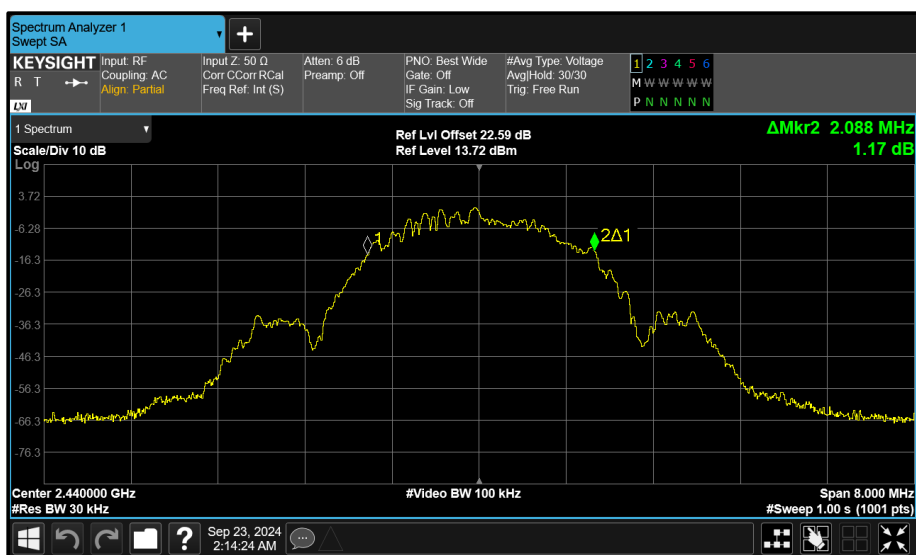


Figure 176 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

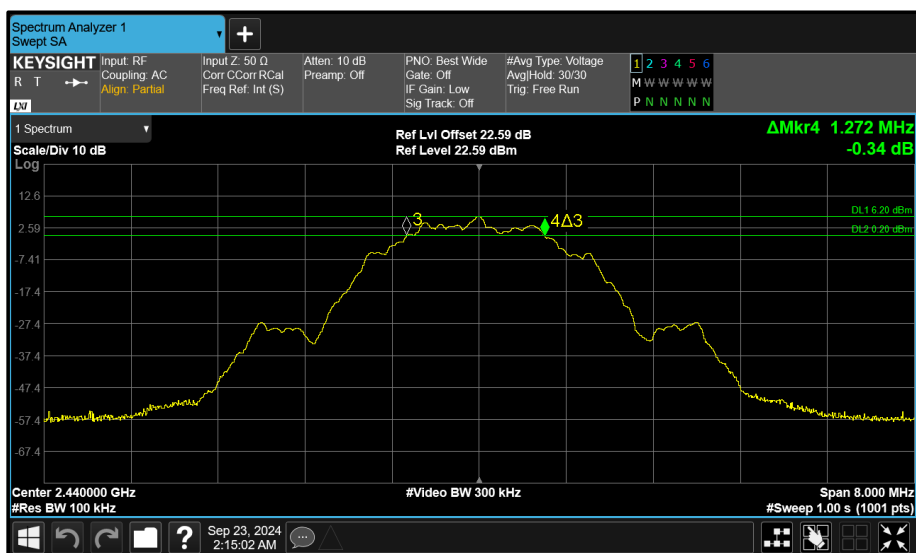


Figure 177 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

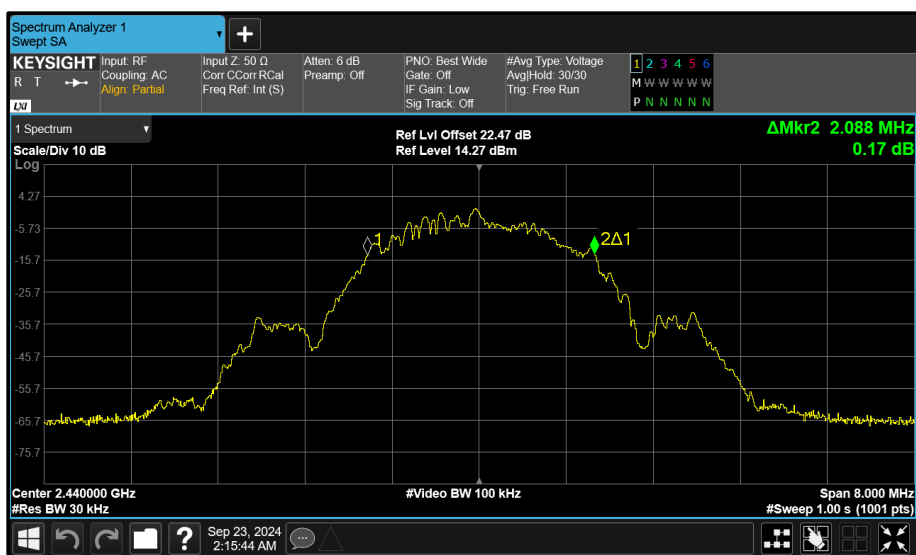


Figure 178 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

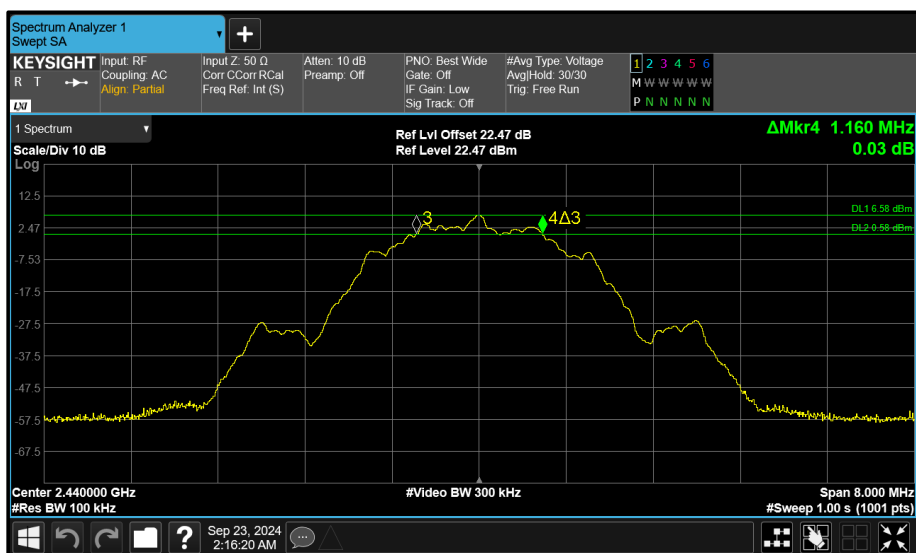


Figure 179 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

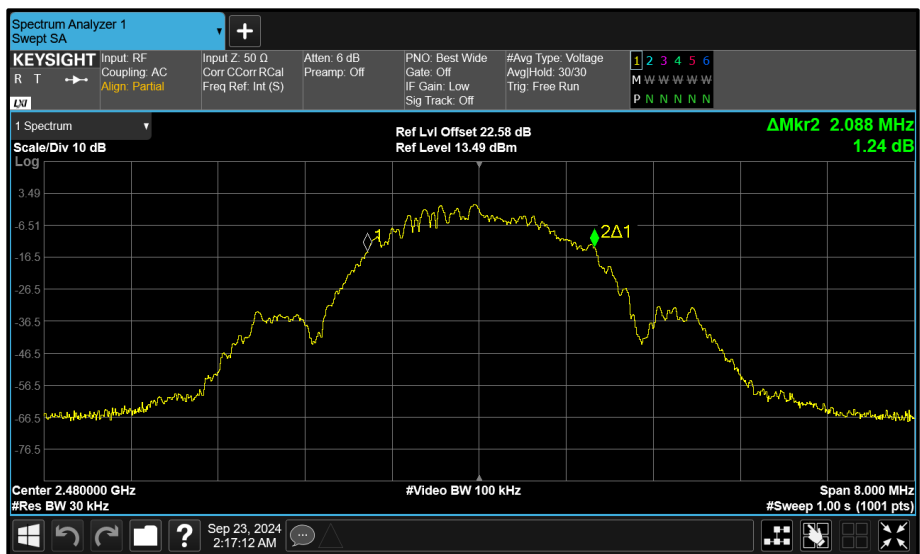


Figure 180 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

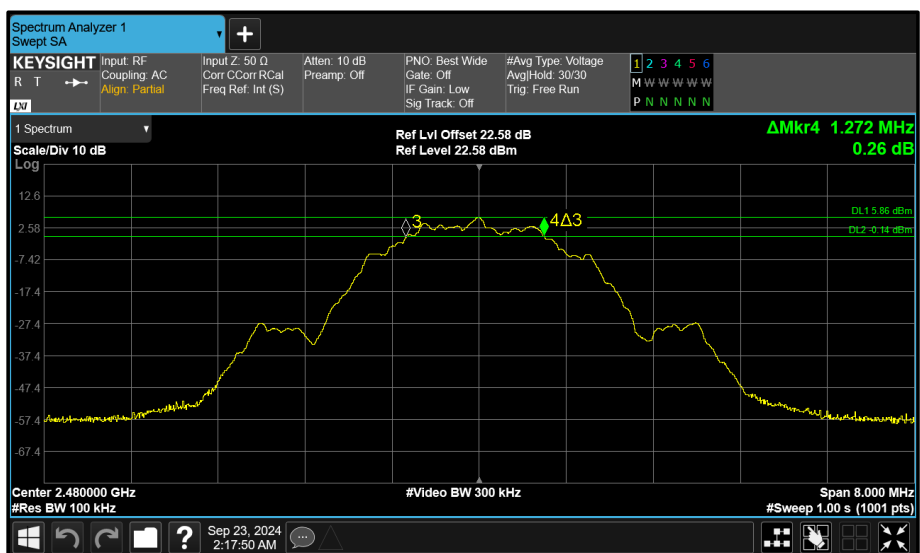


Figure 181 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

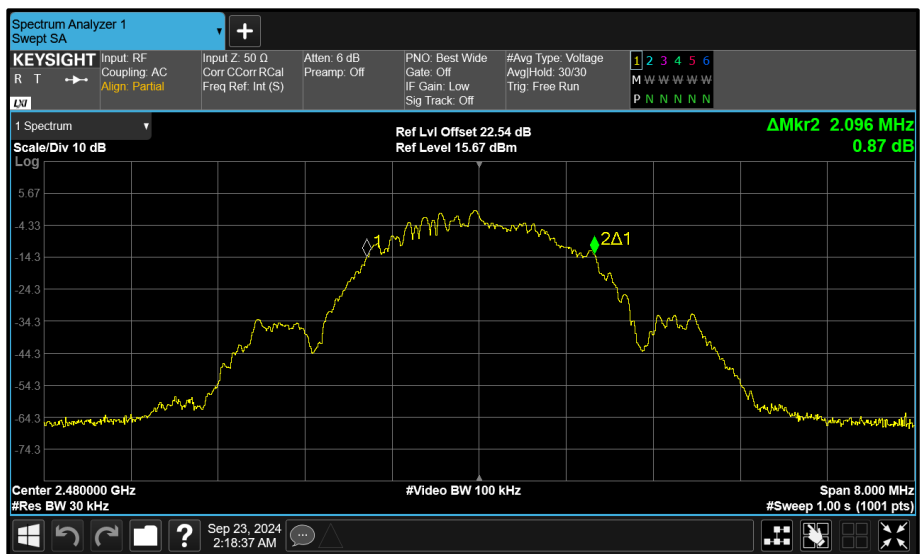


Figure 182 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

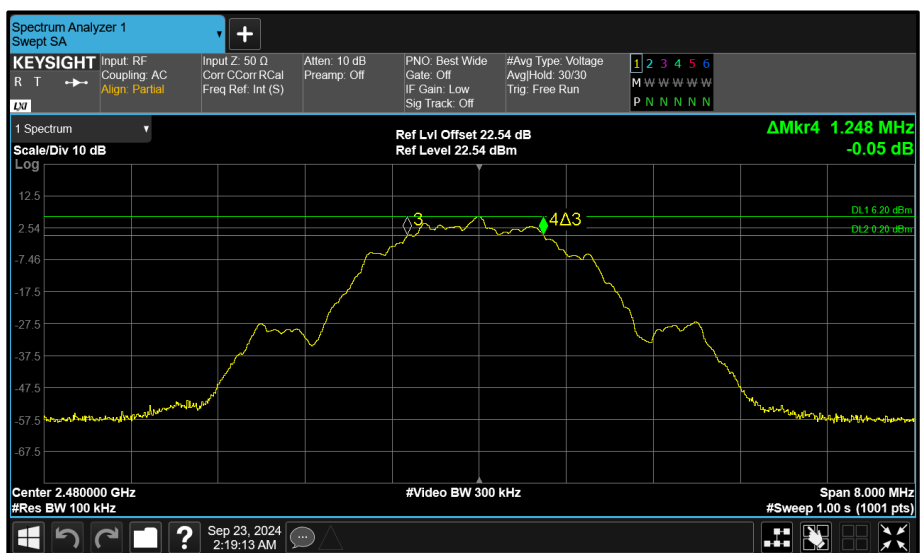


Figure 183 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth



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:	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	1.896	1.896	-	-	≥ 500.0
2441	1.888	1.904	-	-	≥ 500.0
2476	1.912	1.896	-	-	≥ 500.0

Table 48 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	2.344	2.328	-	-	-
2441	2.344	2.328	-	-	-
2476	2.344	2.328	-	-	-

Table 49 - 99% Bandwidth Results

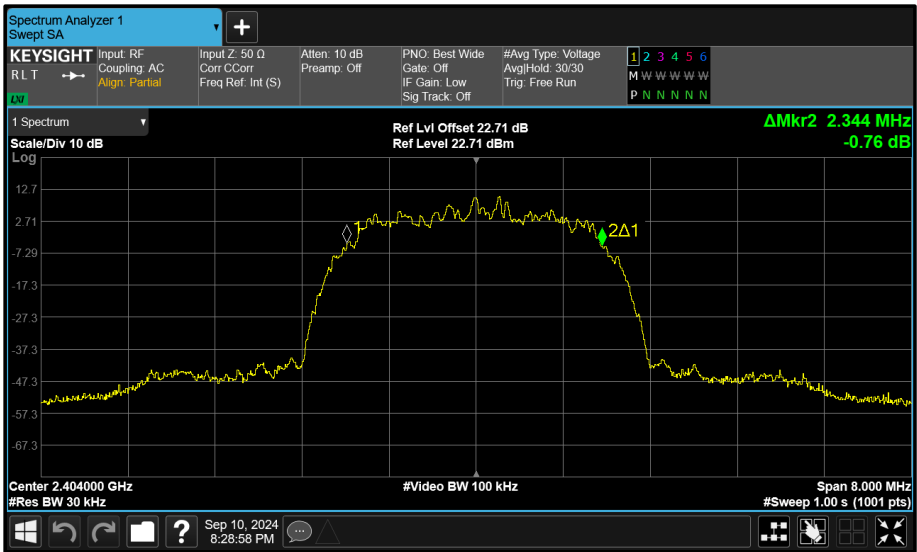


Figure 184 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

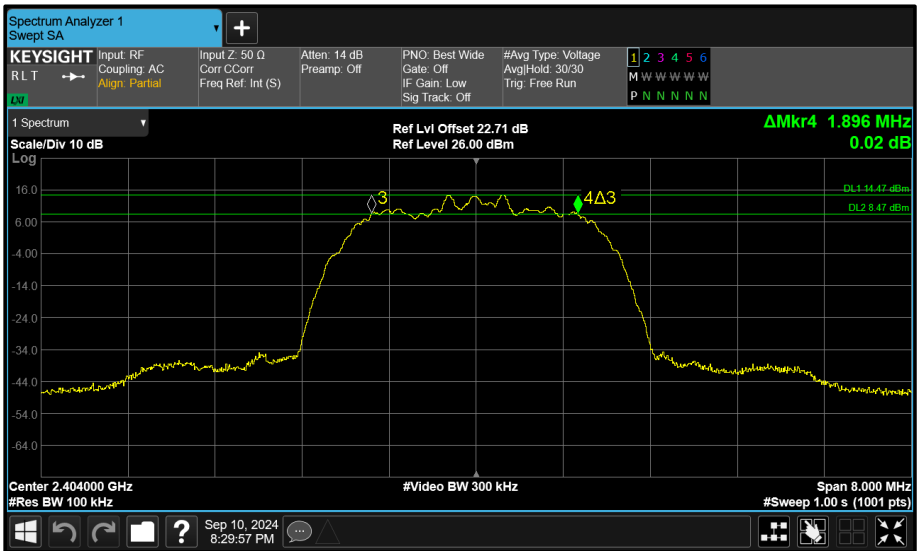


Figure 185 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

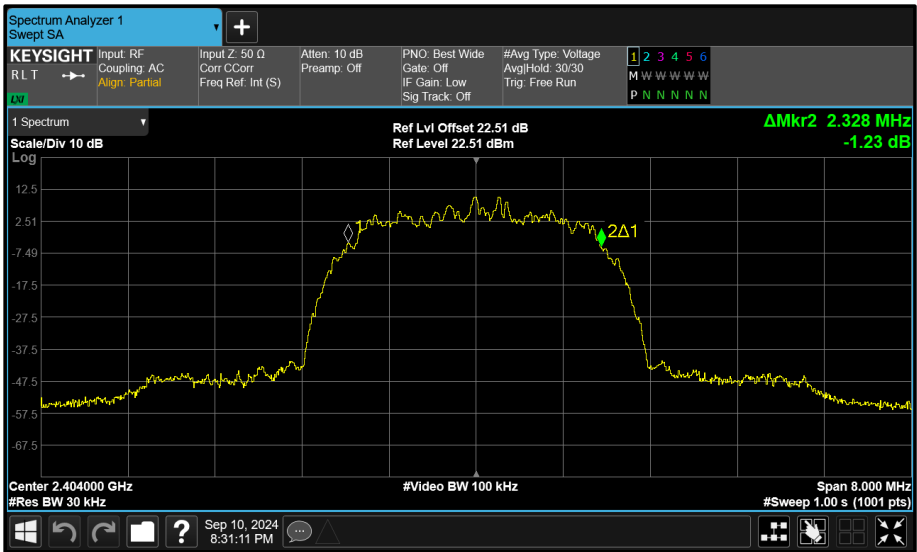


Figure 186 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

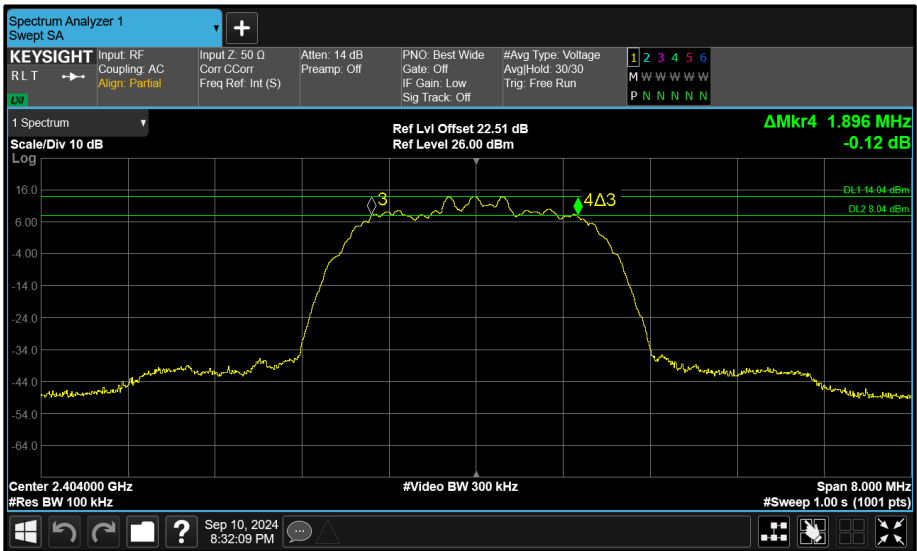


Figure 187 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

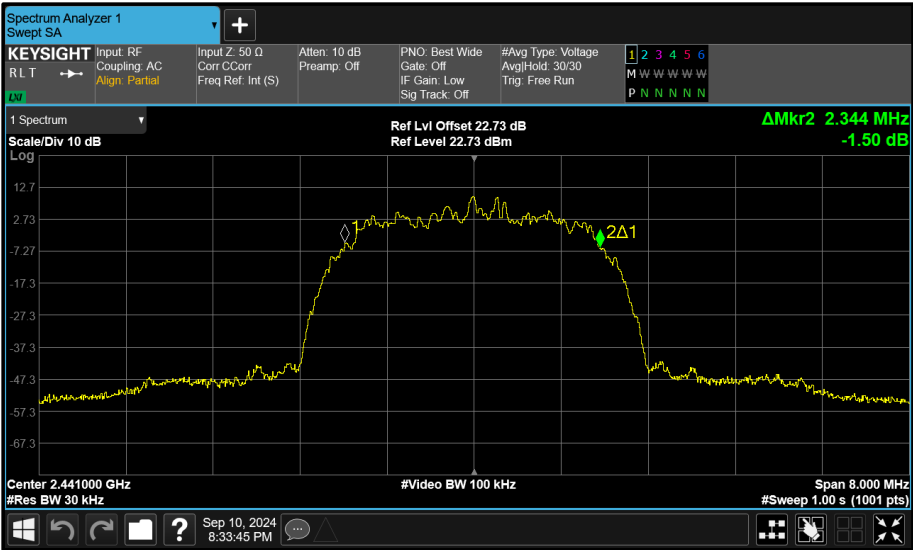


Figure 188 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

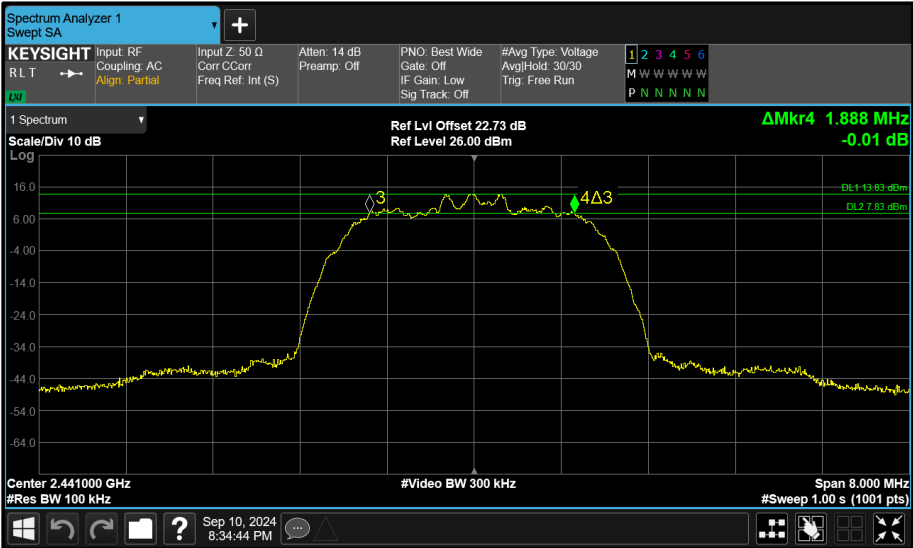


Figure 189 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

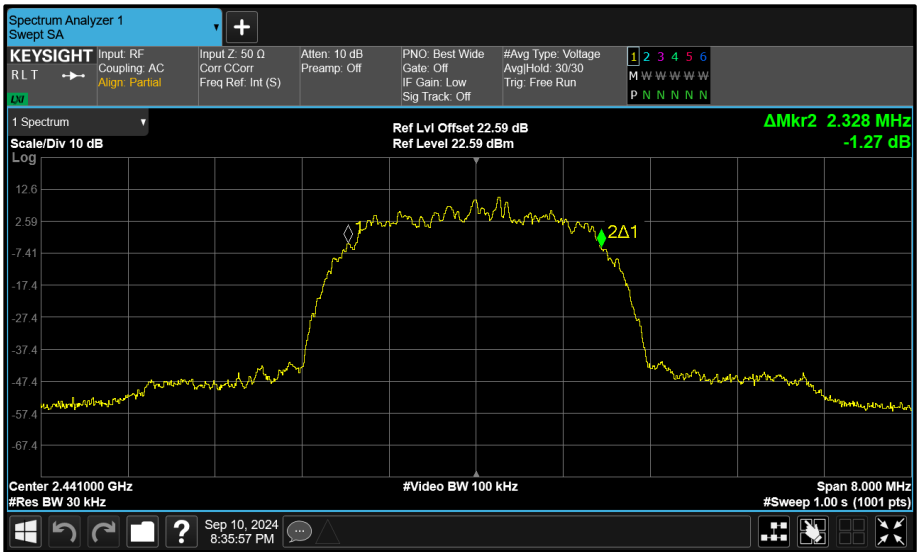


Figure 190 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

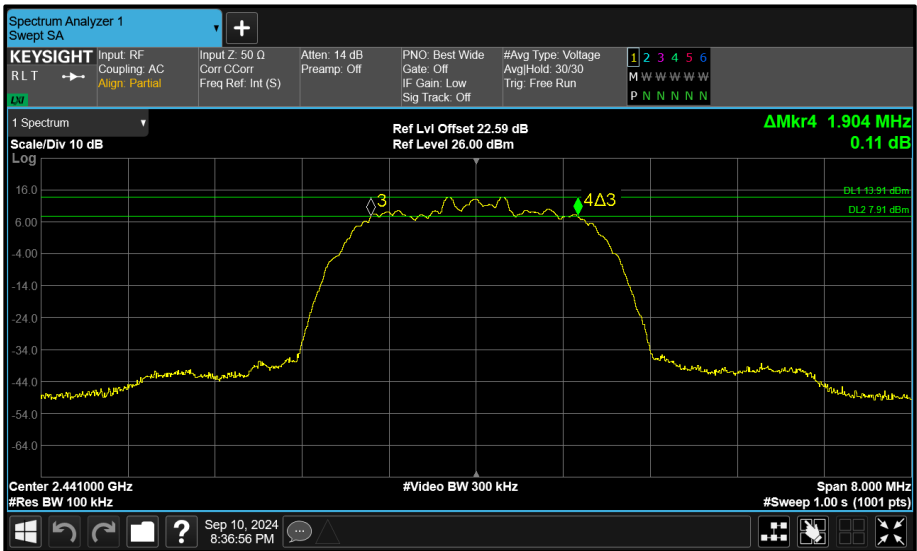


Figure 191 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

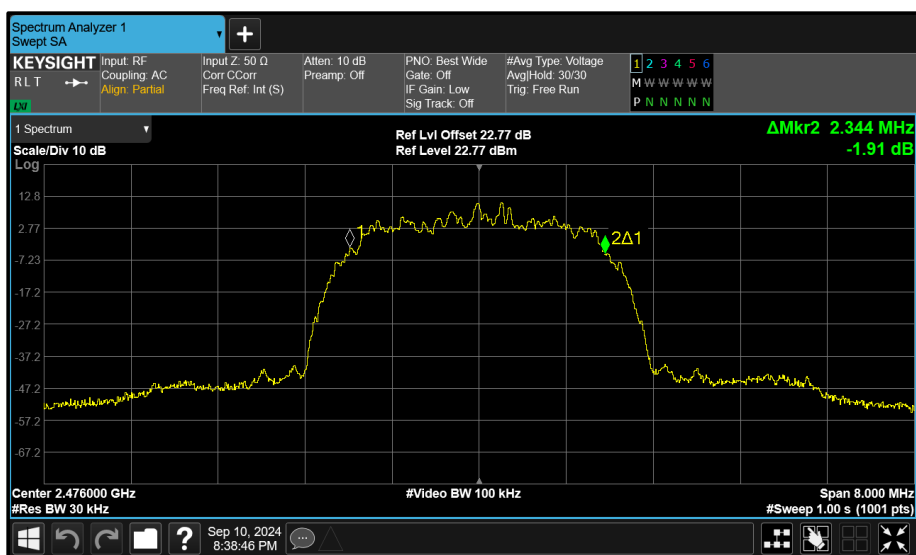


Figure 192 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

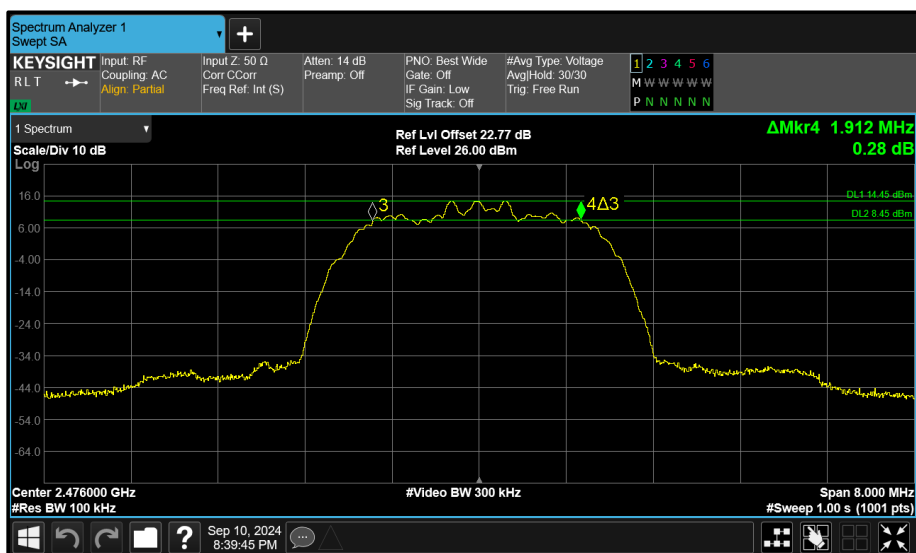


Figure 193 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

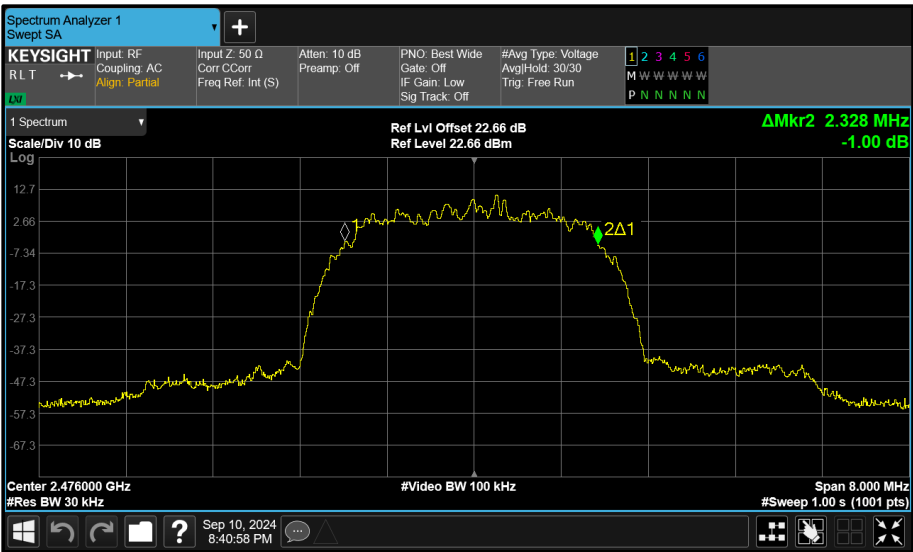


Figure 194 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

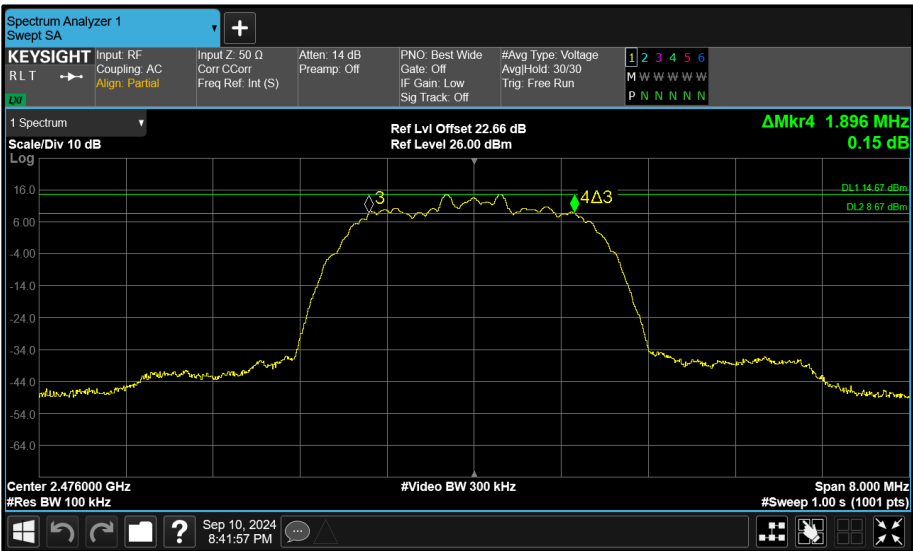


Figure 195 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth



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	1.035	0.945	-	-	≥ 500.0
2441	0.930	1.020	-	-	≥ 500.0
2476	1.020	1.020	-	-	≥ 500.0

Table 50 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	4.710	4.620	-	-	-
2441	4.710	4.635	-	-	-
2476	4.710	4.635	-	-	-

Table 51 - 99% Bandwidth Results

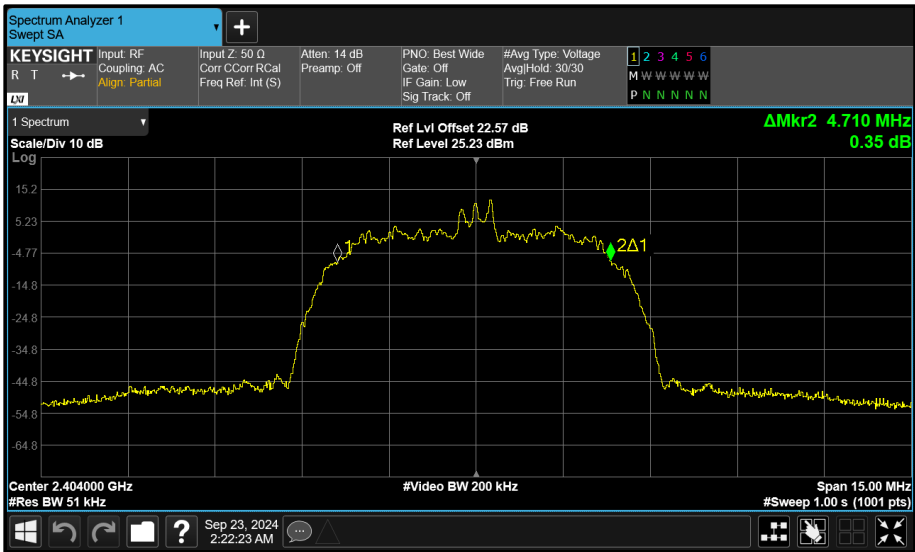


Figure 196 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

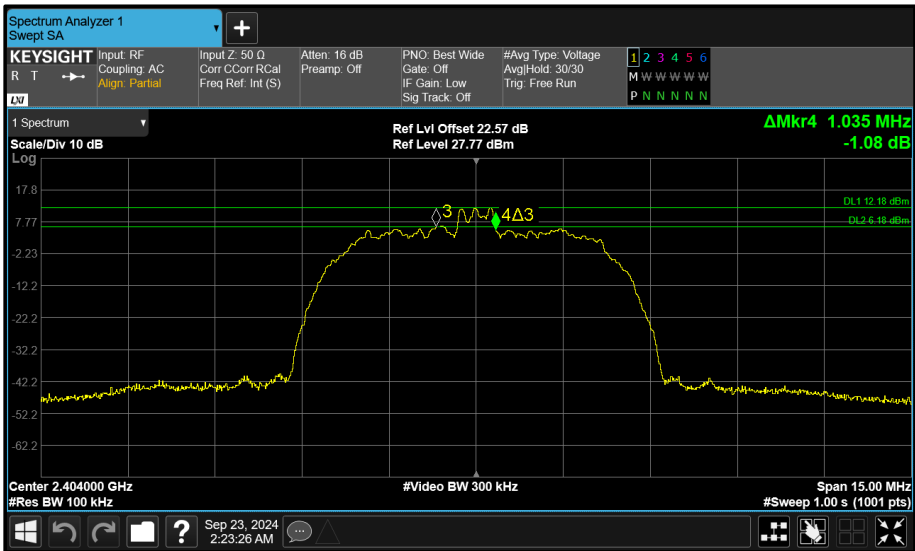


Figure 197 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

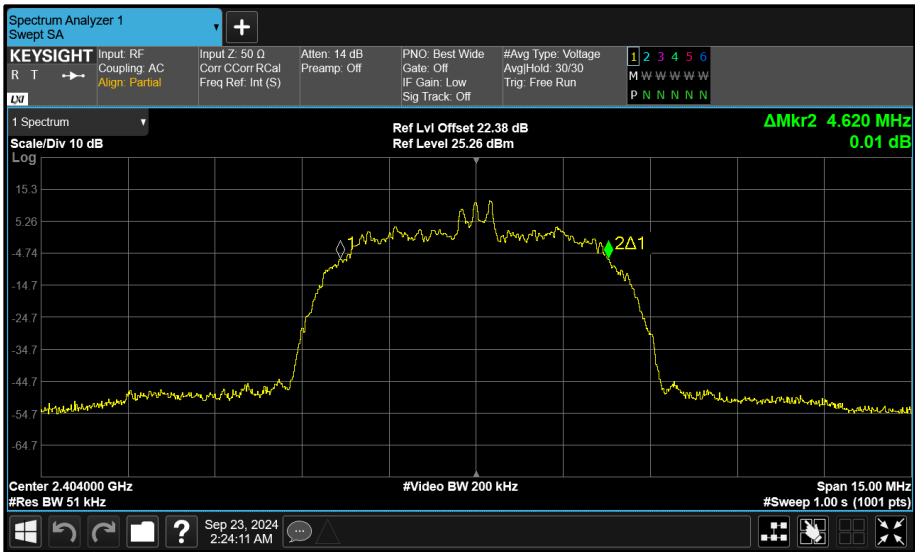


Figure 198 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

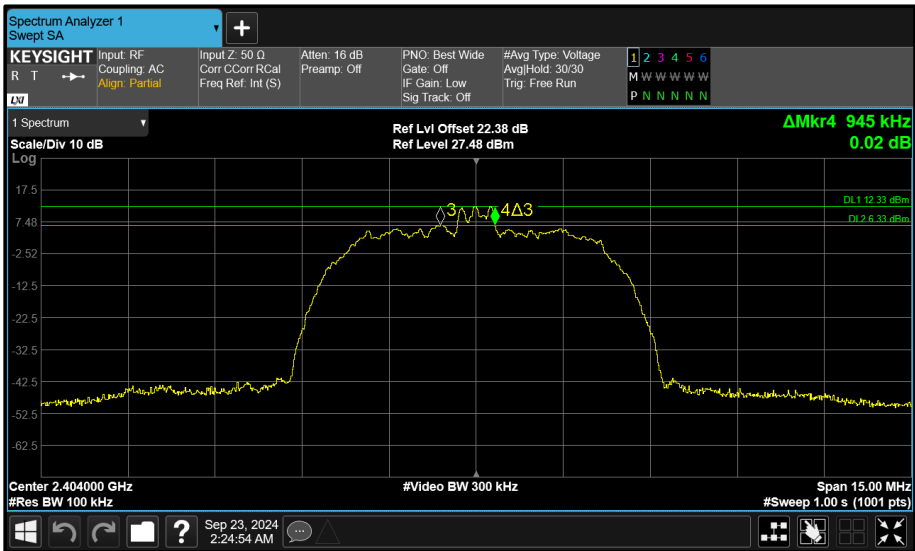


Figure 199 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

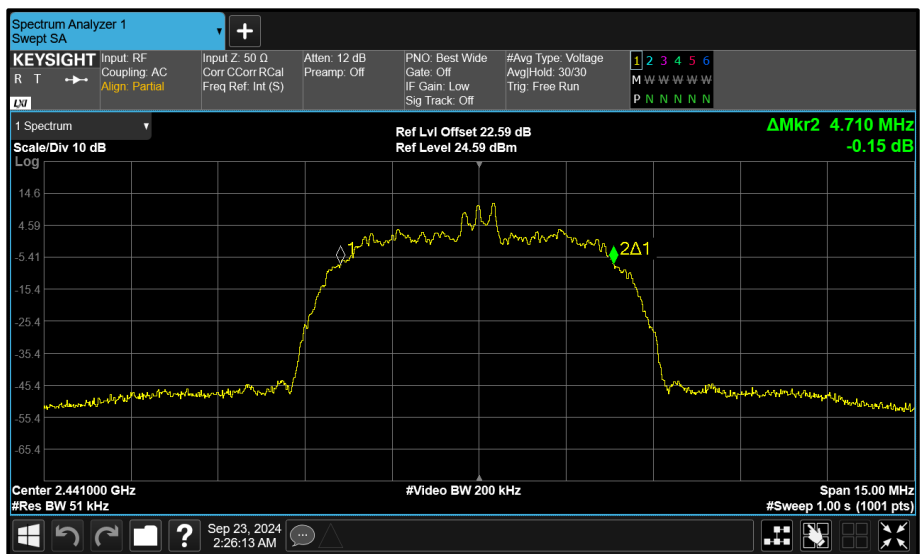


Figure 200 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

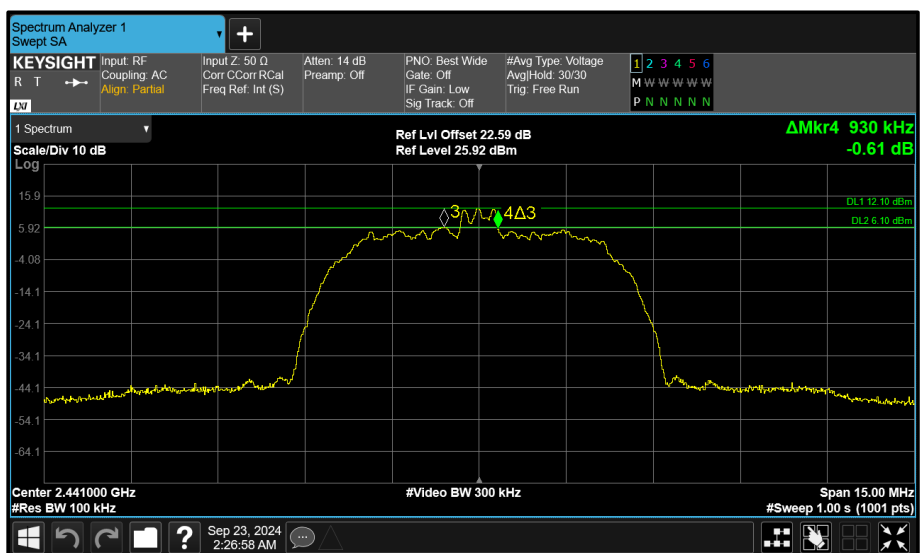


Figure 201 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

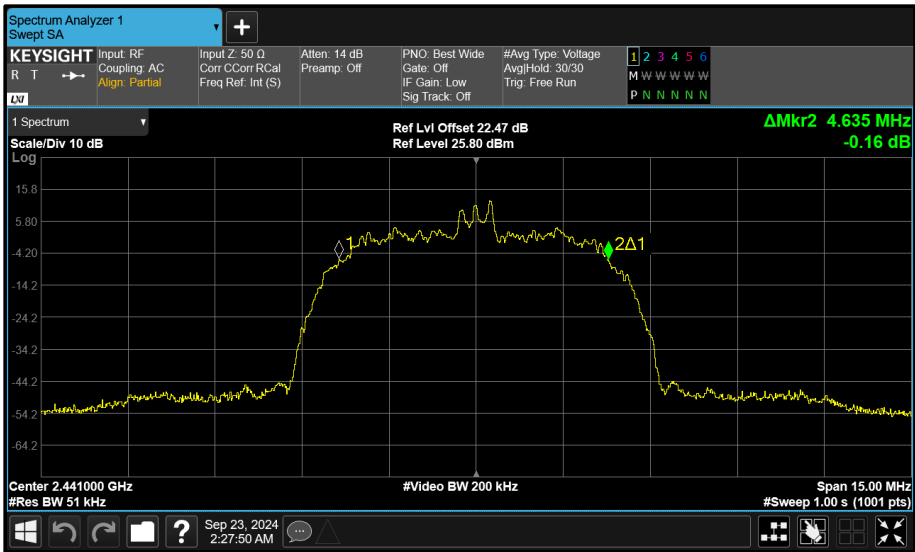


Figure 202 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

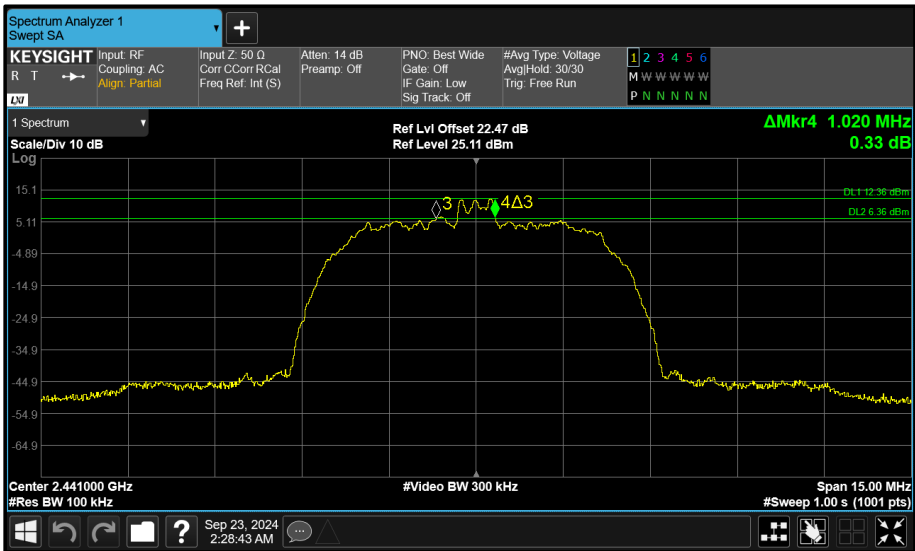


Figure 203 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

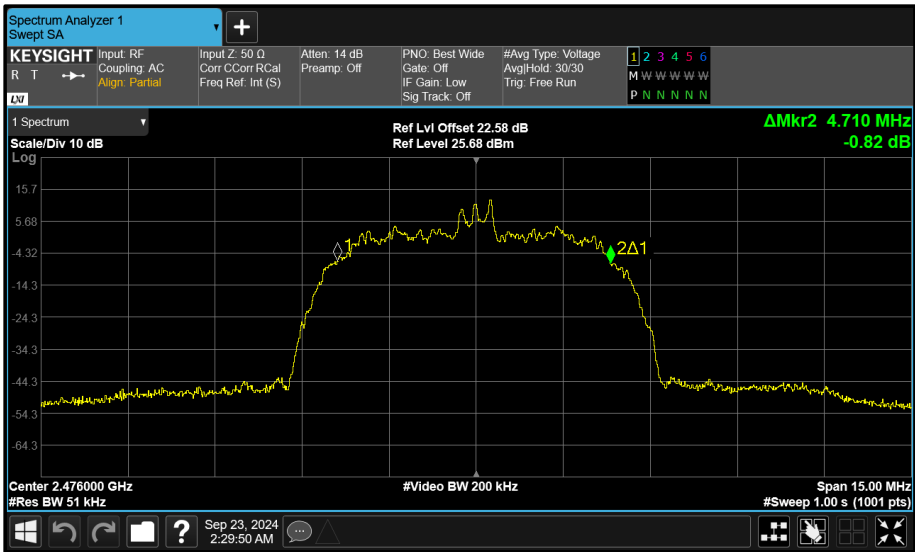


Figure 204 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

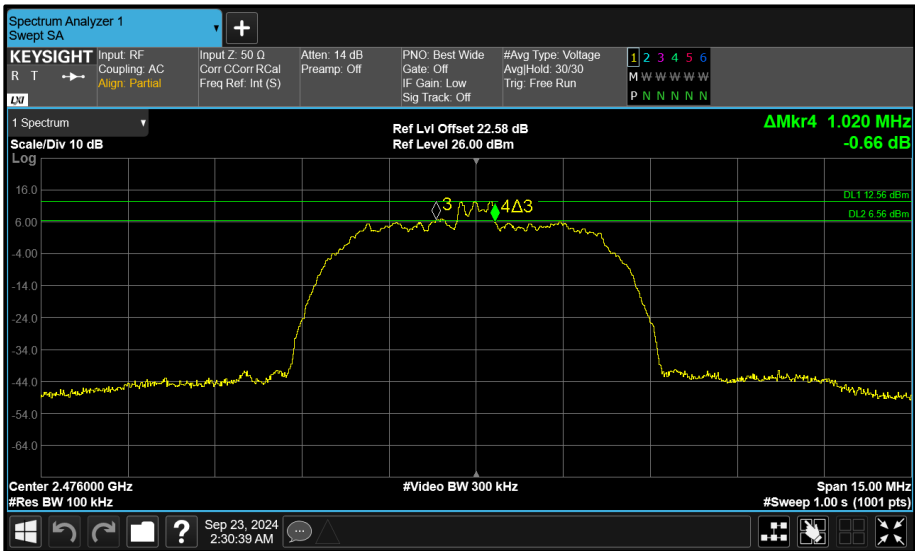


Figure 205 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

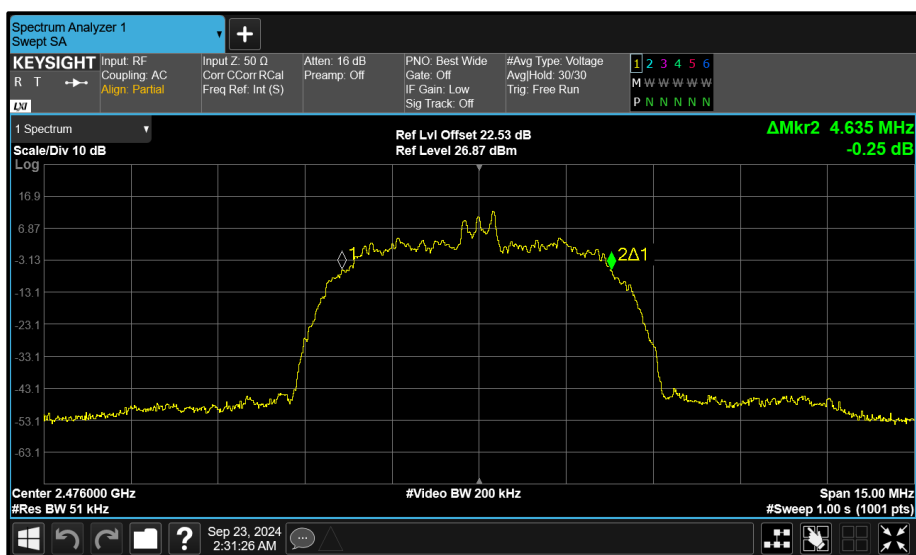


Figure 206 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

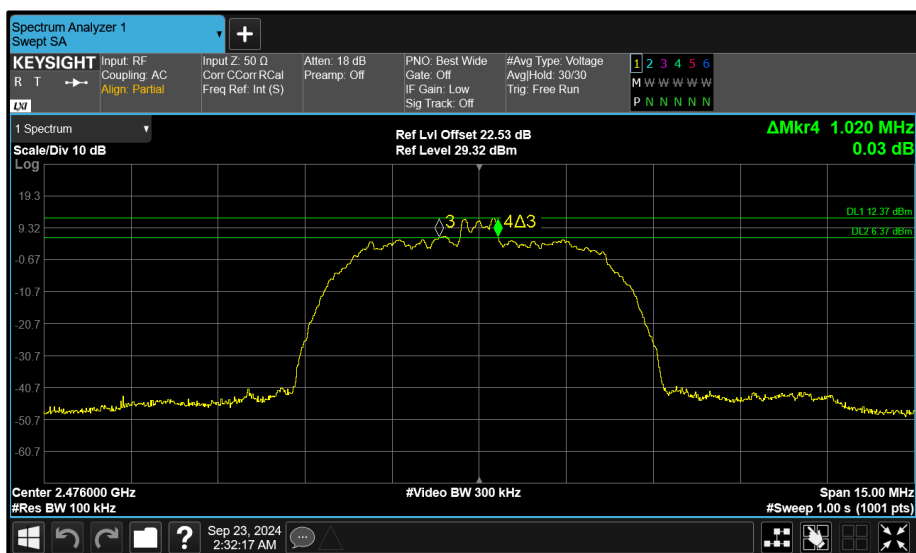


Figure 207 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth



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 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	0.688	0.728	-	-	≥500.0
2440	0.688	0.724	-	-	≥500.0
2480	0.692	0.728	-	-	≥500.0

Table 52 - 6 dB Bandwidth Results

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

Table 53 - 99% Bandwidth Results

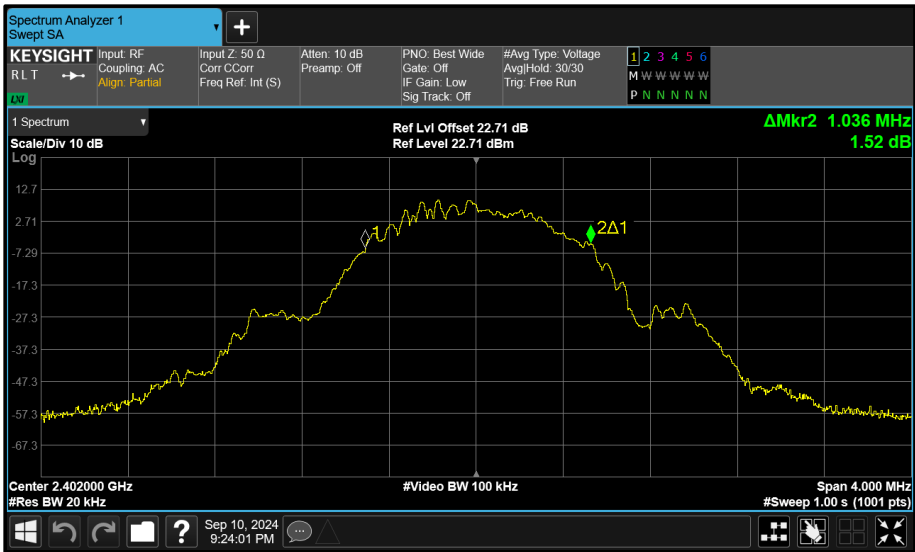


Figure 208 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

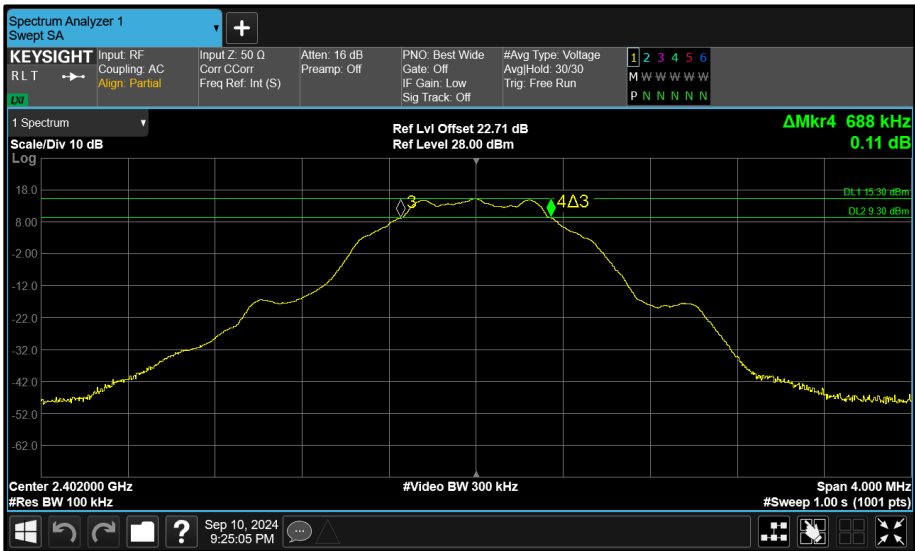


Figure 209 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

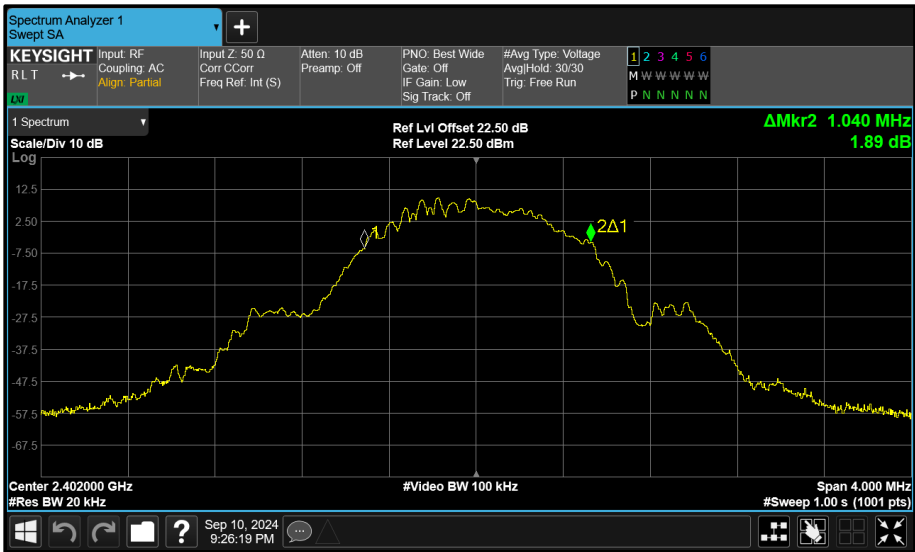


Figure 210 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

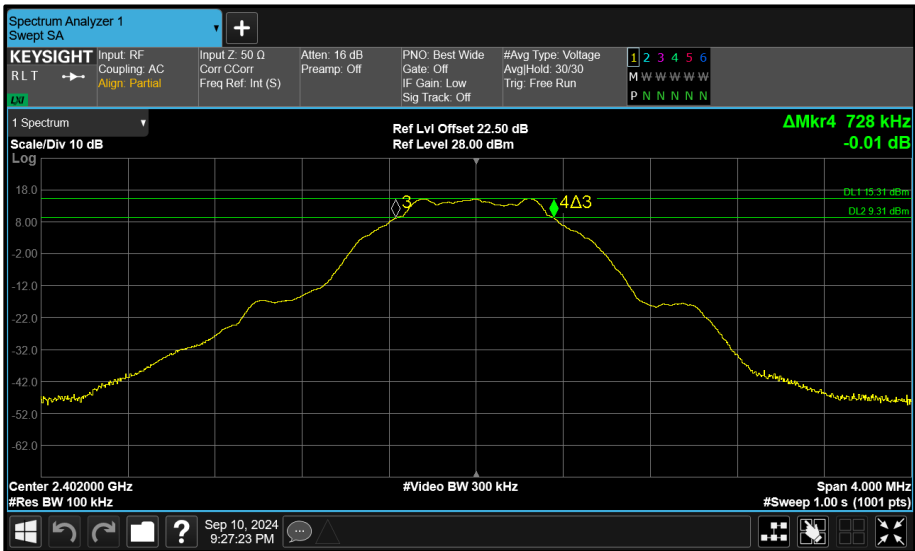


Figure 211 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

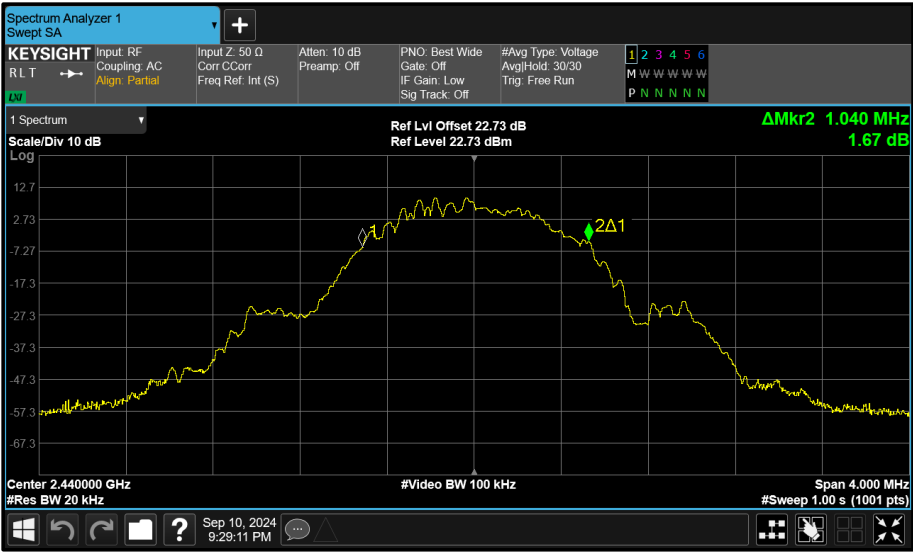


Figure 212 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

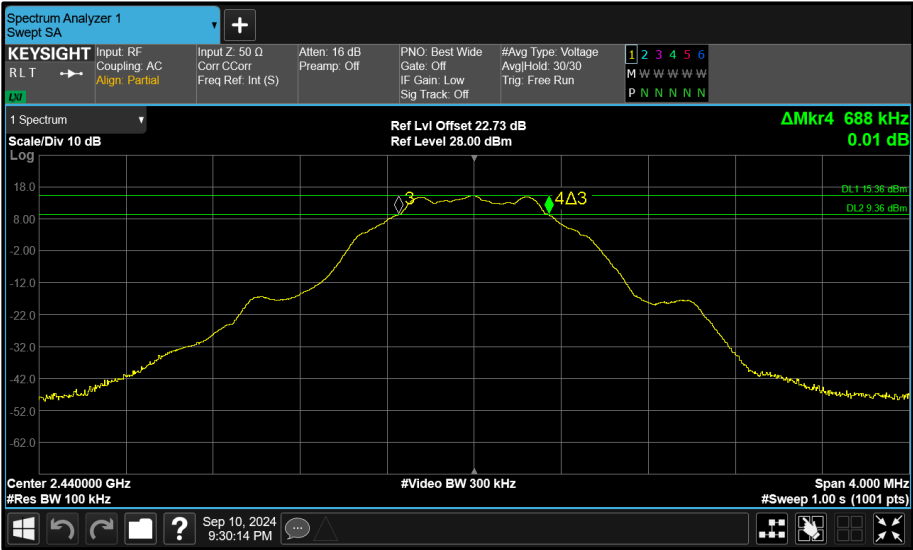


Figure 213 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

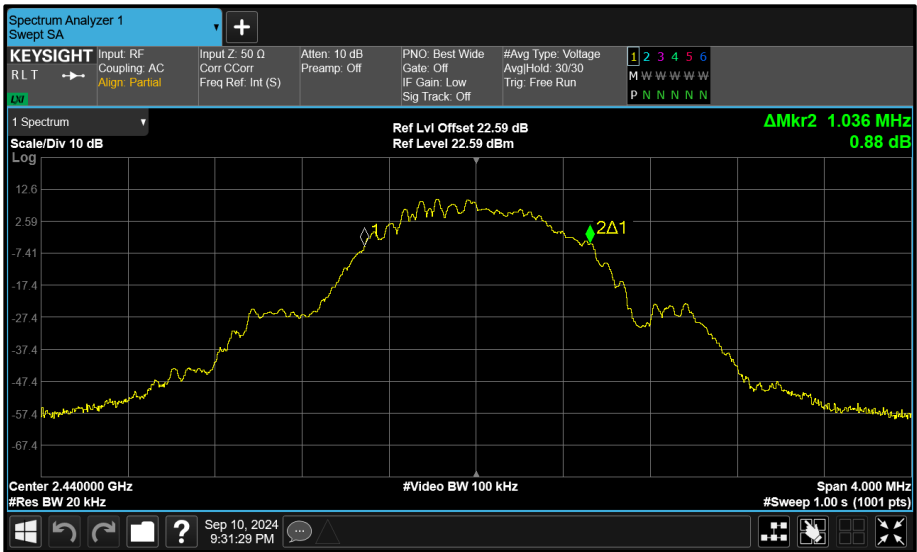


Figure 214 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

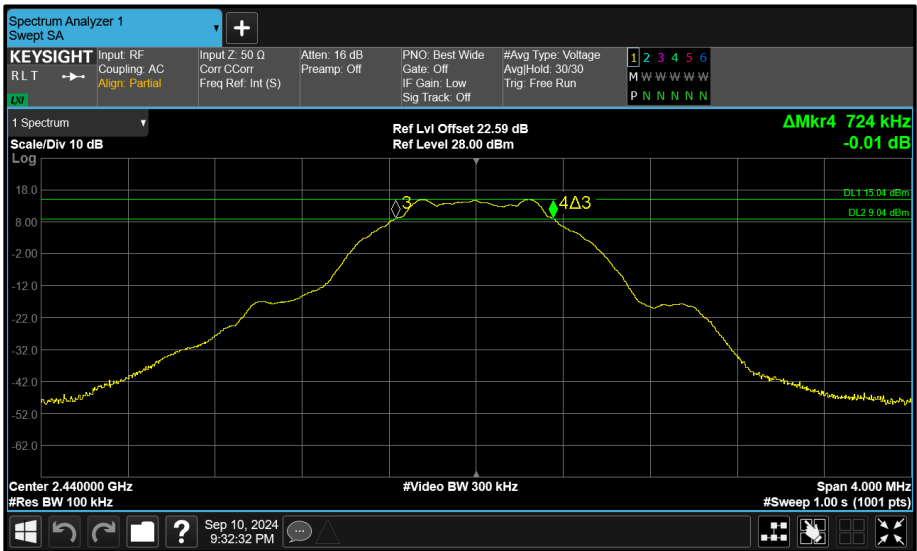


Figure 215 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

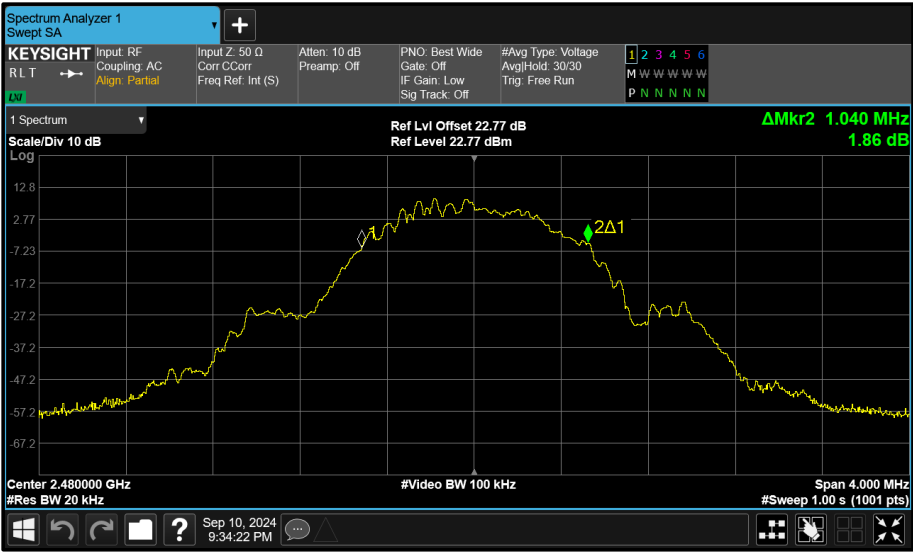


Figure 216 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

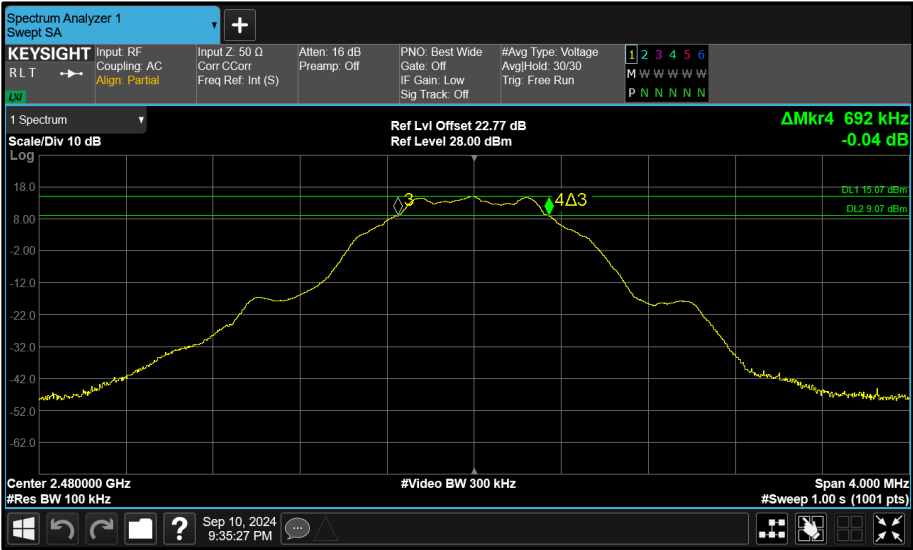


Figure 217 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

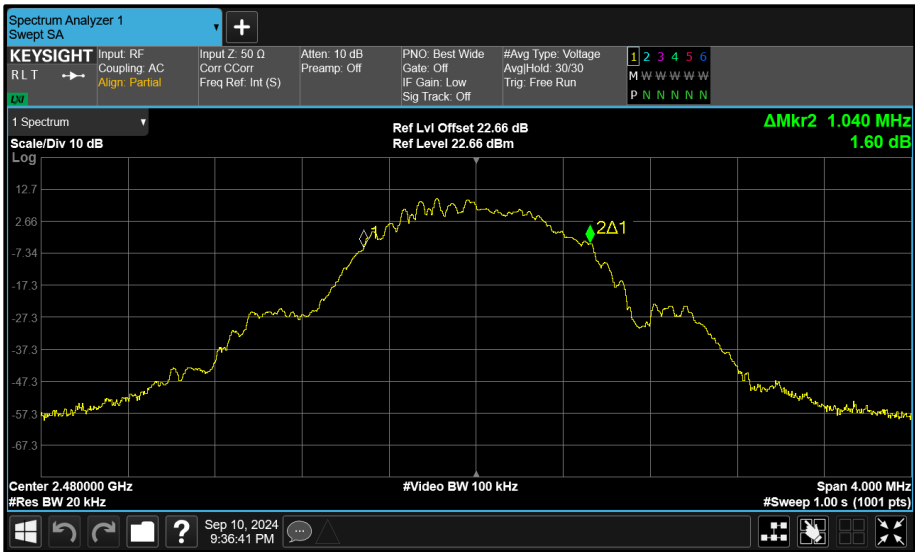


Figure 218 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

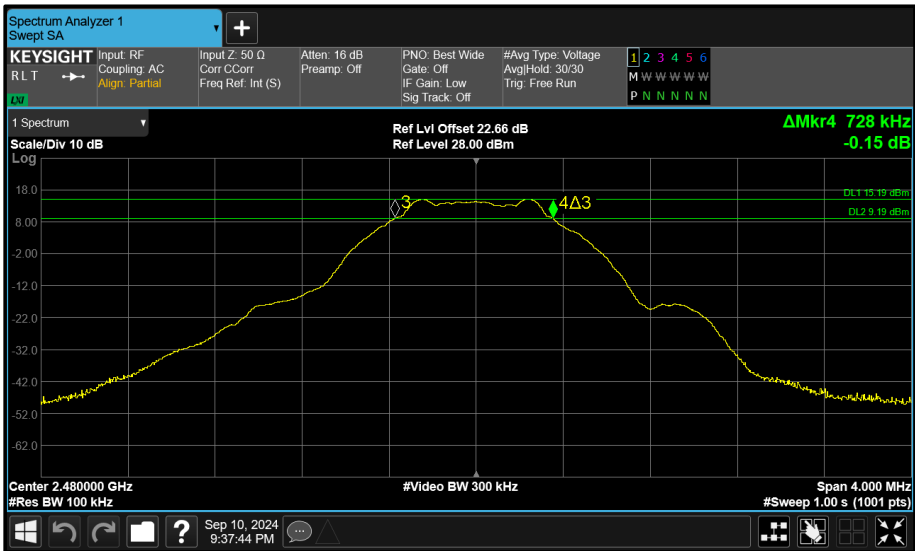


Figure 219 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth



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:	ePA 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	1.128	1.184	-	-	≥500.0
2440	1.128	1.272	-	-	≥500.0
2480	1.168	1.384	-	-	≥500.0

Table 54 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	2.088	2.080	-	-	-
2440	2.088	2.080	-	-	-
2480	2.088	2.088	-	-	-

Table 55 - 99% Bandwidth Results

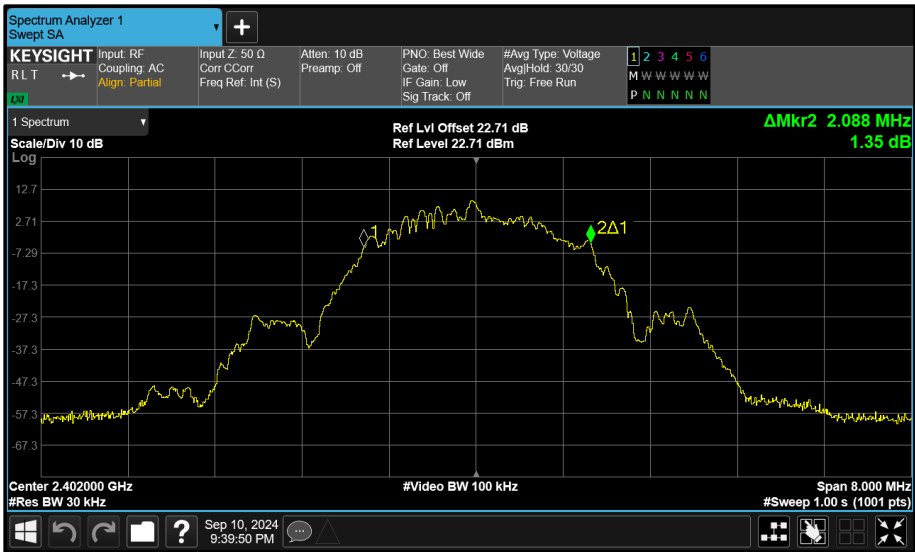


Figure 220 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

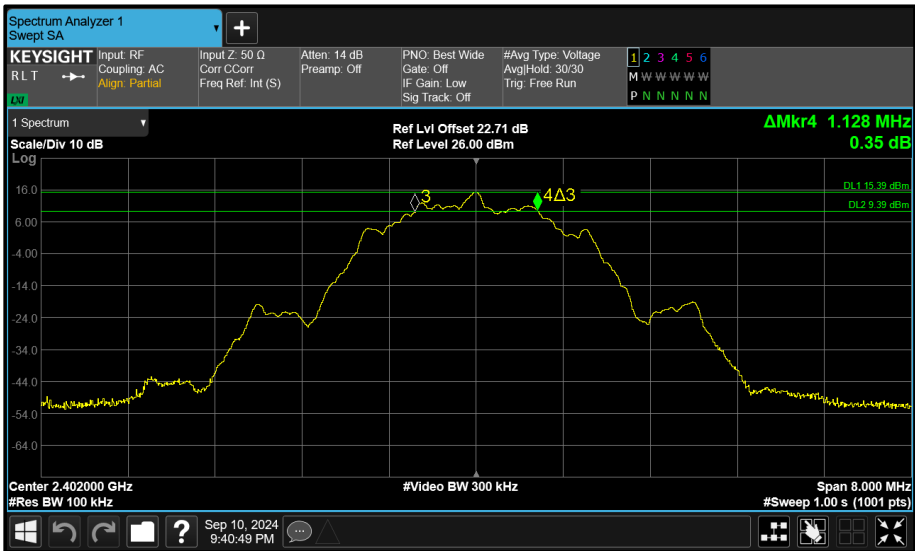


Figure 221 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

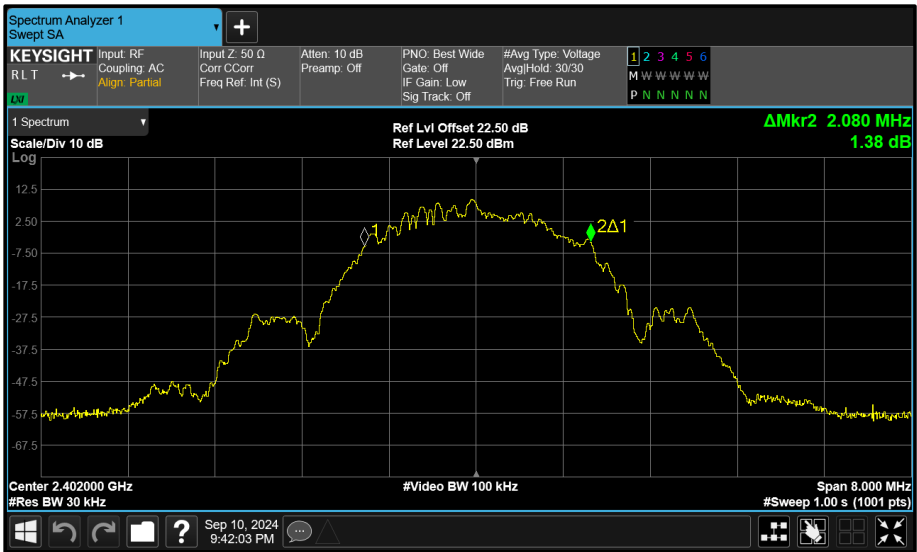


Figure 222 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

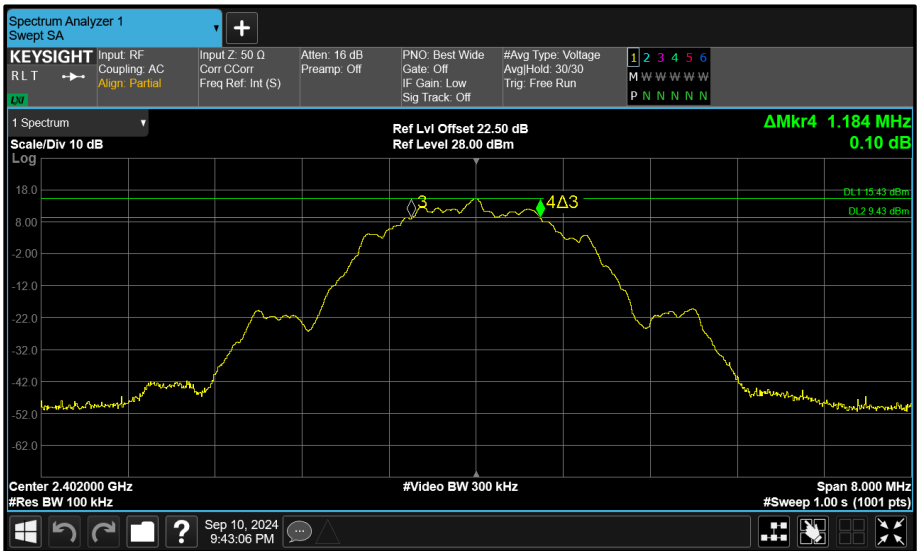


Figure 223 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

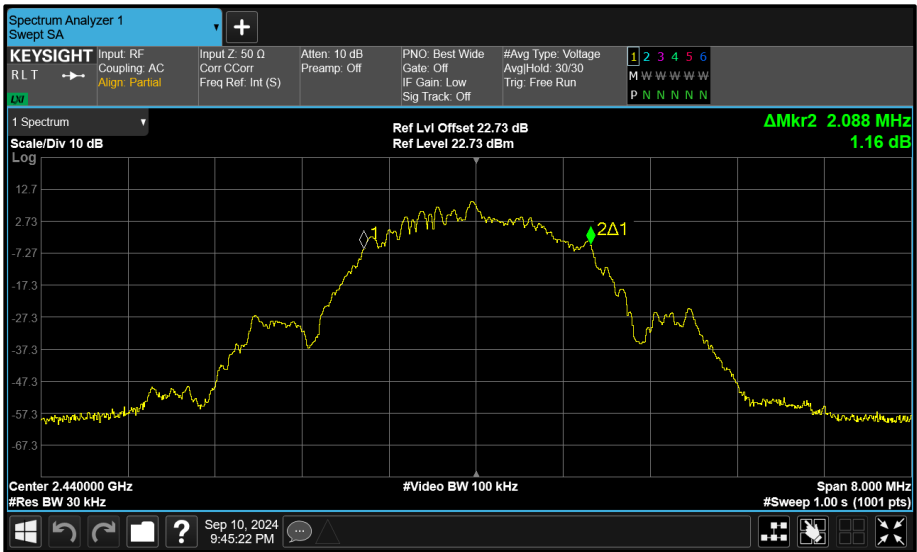


Figure 224 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

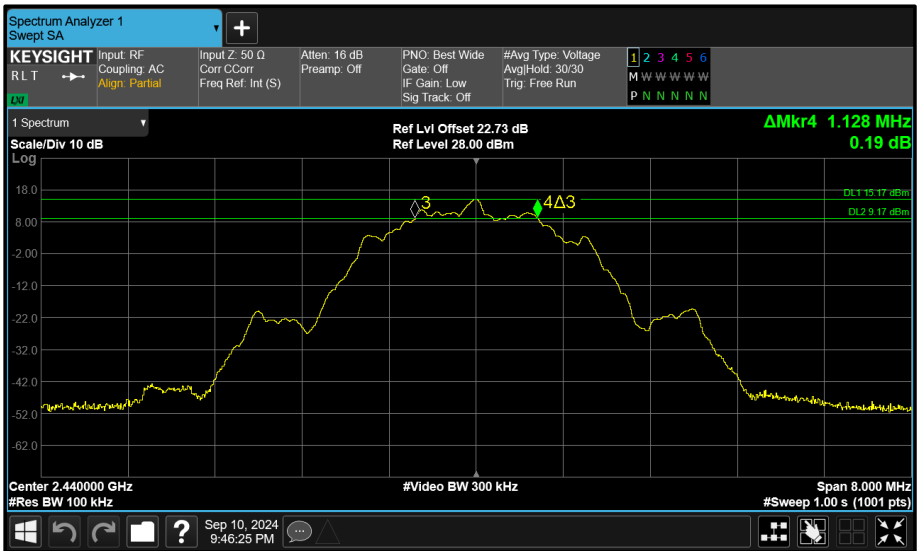


Figure 225 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

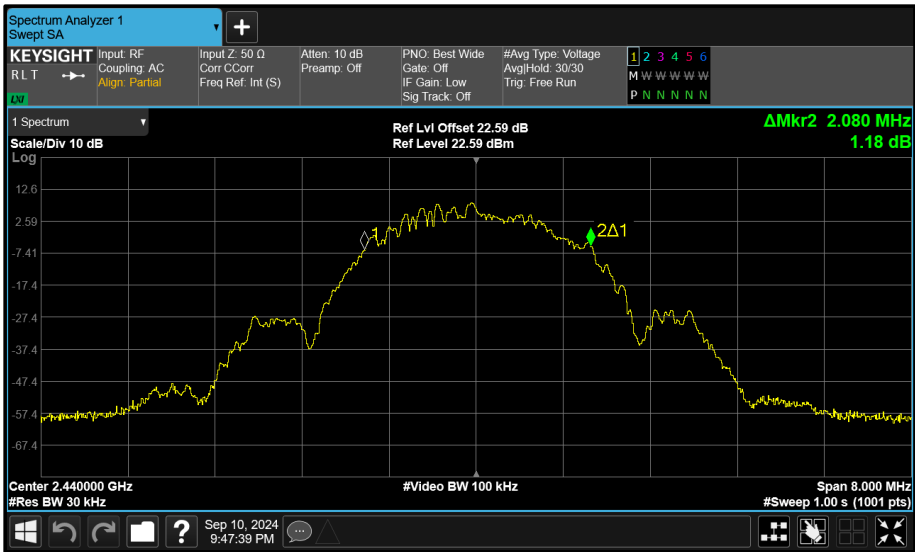


Figure 226 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

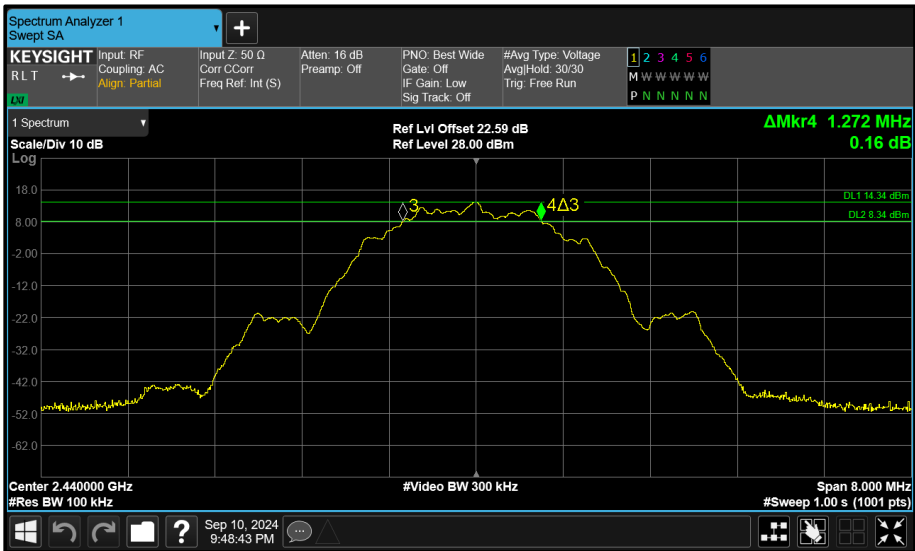


Figure 227 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

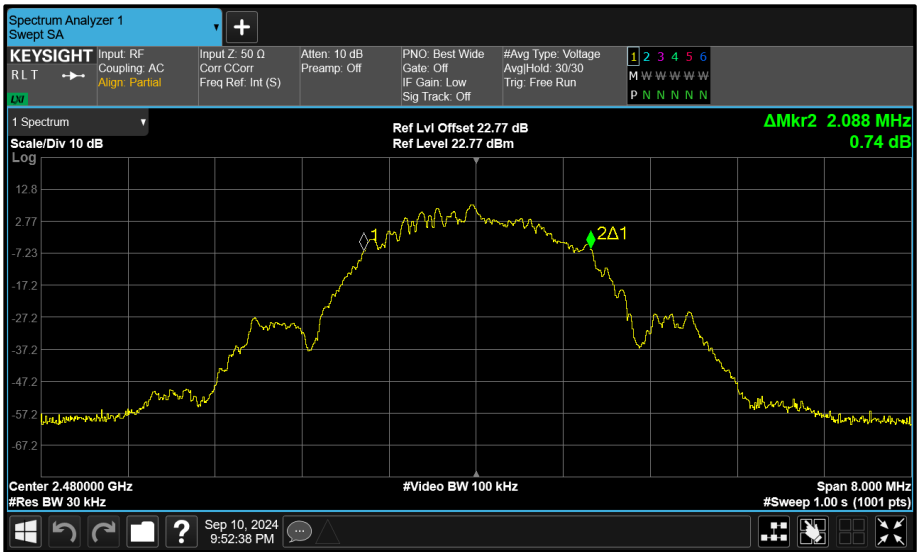


Figure 228 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

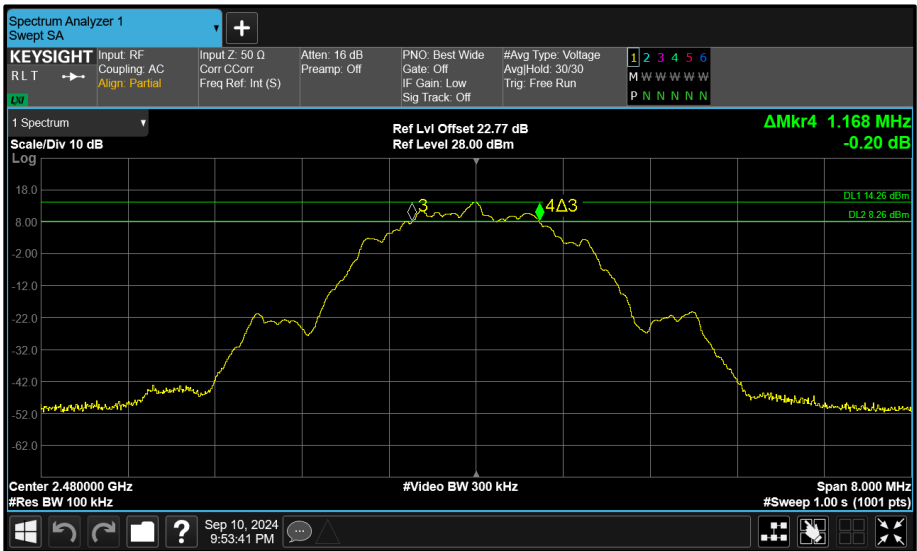


Figure 229 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

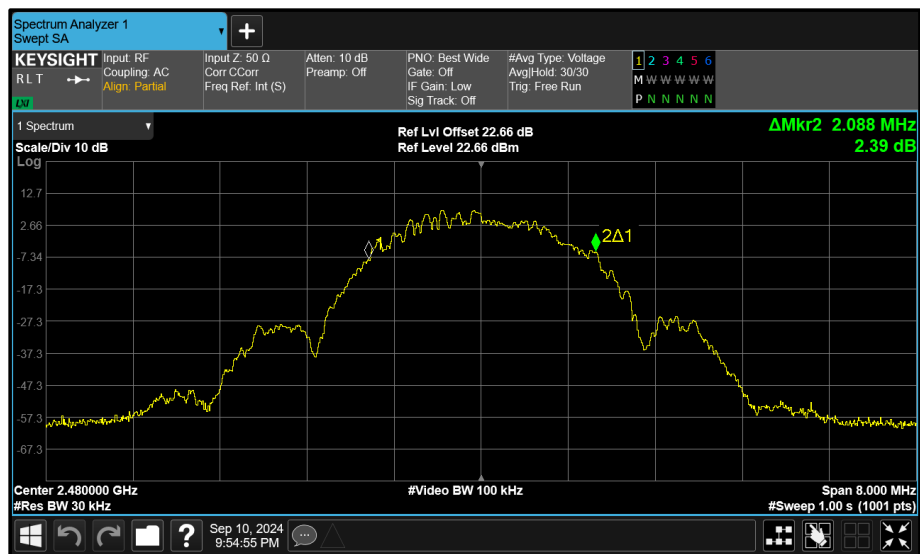


Figure 230 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

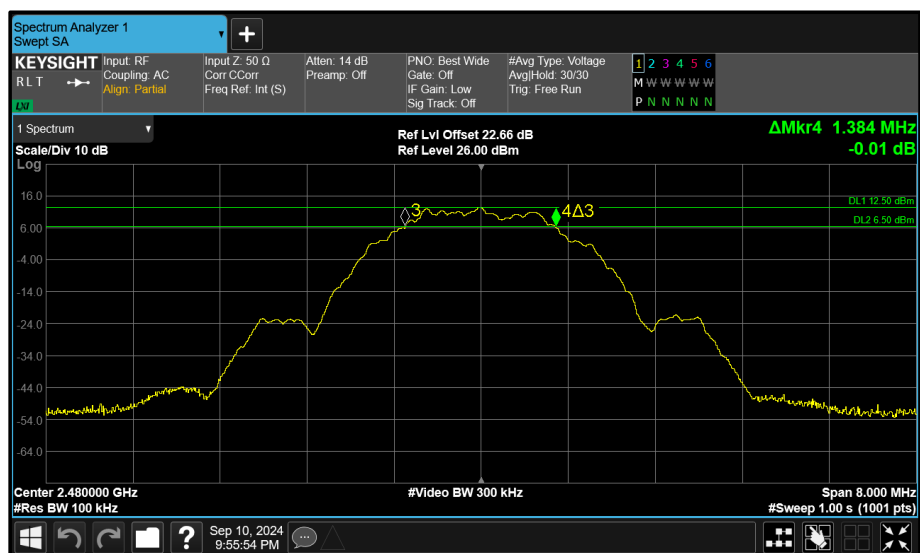


Figure 231 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth

FCC 47 CFR Part 15, Limit Clause 15.247(a)(2)

The minimum 6 dB Bandwidth shall be at least 500 kHz.



2.2.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18 and RF Laboratory 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	13-Dec-2024
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5919	24	18-Mar-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
MXA Signal Analyser	Keysight Technologies	N9020B	6417	24	26-Feb-2025
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	28-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	07-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	22-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	16-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	08-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6522	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	05-Mar-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6528	12	22-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	16-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	16-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6531	12	16-Feb-2025
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6752	12	06-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6753	12	06-Feb-2025
SCU Cable Assembly SCU	TUV SUD	SPECTRUM_SCU_CA	6754	0	06-Feb-2025

Table 56

O/P Mon - Output Monitored using calibrated equipment



2.3 Maximum Conducted Output Power

2.3.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.247 (b)

2.3.2 Equipment Under Test and Modification State

A3185, S/N: GRJJT9QH7L - Modification State 0
A3185, S/N: GHGG6N440H - Modification State 0
A3185, S/N: HM9QNWPCFQ - Modification State 0

2.3.3 Date of Test

10-September-2024 to 23-September-2024

2.3.4 Test Method

The test was performed in accordance with ANSI C63.10 clause 11.9.1.2 Method PKPM1.

MIMO output port summing was performed in accordance with KDB 662911 D01. Directional Gain was calculated in accordance with clause F)2)f)(ii) using the calculations from F)2)f)(i) with worst-case individual gain and an array gain of zero.

2.3.5 Environmental Conditions

Ambient Temperature	20.8 - 22.8 °C
Relative Humidity	54.3 - 58.6 %



2.3.6 Test Results

2.4 GHz Bluetooth LE/HDR

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.1
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2404	-	9.29	-	-	-	30.00	-20.71
2441	-	9.07	-	-	-	30.00	-20.93
2476	-	8.98	-	-	-	30.00	-21.02

Table 57 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2404	-	9.29	-	-	-	30.00	-20.71	14.09	36.00	-21.91
2441	-	9.07	-	-	-	30.00	-20.93	13.87	36.00	-22.13
2476	-	8.98	-	-	-	30.00	-21.02	13.78	36.00	-22.22

Table 58 - ISSED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2404	-	9.00	-	-	-	30.00	-21.00
2441	-	9.00	-	-	-	30.00	-21.00
2476	-	9.10	-	-	-	30.00	-20.90

Table 59 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2404	-	9.00	-	-	-	30.00	-21.00	13.80	36.00	-22.20
2441	-	9.00	-	-	-	30.00	-21.00	13.80	36.00	-22.20
2476	-	9.10	-	-	-	30.00	-20.90	13.90	36.00	-22.10

Table 60 - ISED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 1M)	Duty Cycle (%):	60.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2402	-	8.80	-	-	-	30.00	-21.20
2440	-	9.19	-	-	-	30.00	-20.81
2480	-	8.31	-	-	-	30.00	-21.69

Table 61 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2402	-	8.80	-	-	-	30.00	-21.20	13.60	36.00	-22.40
2440	-	9.19	-	-	-	30.00	-20.81	13.99	36.00	-22.01
2480	-	8.31	-	-	-	30.00	-21.69	13.11	36.00	-22.89

Table 62 - ISED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 2M)	Duty Cycle (%):	31.3
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2402	-	9.01	-	-	-	30.00	-20.99
2440	-	8.85	-	-	-	30.00	-21.15
2480	-	8.41	-	-	-	30.00	-21.59

Table 63 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2402	-	9.01	-	-	-	30.00	-20.99	13.81	36.00	-22.19
2440	-	8.85	-	-	-	30.00	-21.15	13.65	36.00	-22.35
2480	-	8.41	-	-	-	30.00	-21.59	13.21	36.00	-22.79

Table 64 - ISED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.1
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	4.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2404	-	-	8.83	-	-	30.00	-21.17
2441	-	-	8.73	-	-	30.00	-21.27
2476	-	-	9.08	-	-	30.00	-20.92

Table 65 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2404	-	-	8.83	-	-	30.00	-21.17	13.63	36.00	-22.37
2441	-	-	8.73	-	-	30.00	-21.27	13.53	36.00	-22.47
2476	-	-	9.08	-	-	30.00	-20.92	13.88	36.00	-22.12

Table 66 - ISED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	4.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2404	-	-	8.73	-	-	30.00	-21.27
2441	-	-	8.85	-	-	30.00	-21.15
2476	-	-	8.85	-	-	30.00	-21.15

Table 67 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2404	-	-	8.73	-	-	30.00	-21.27	13.53	36.00	-22.47
2441	-	-	8.85	-	-	30.00	-21.15	13.65	36.00	-22.35
2476	-	-	8.85	-	-	30.00	-21.15	13.65	36.00	-22.35

Table 68 - ISED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 1M)	Duty Cycle (%):	60.6
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	4.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2402	-	-	8.28	-	-	30.00	-21.72
2440	-	-	8.00	-	-	30.00	-22.00
2480	-	-	8.03	-	-	30.00	-21.97

Table 69 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2402	-	-	8.28	-	-	30.00	-21.72	13.08	36.00	-22.92
2440	-	-	8.00	-	-	30.00	-22.00	12.80	36.00	-23.20
2480	-	-	8.03	-	-	30.00	-21.97	12.83	36.00	-23.17

Table 70 - ISED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 2M)	Duty Cycle (%):	31.4
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	4.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2402	-	-	8.28	-	-	30.00	-21.72
2440	-	-	8.07	-	-	30.00	-21.93
2480	-	-	8.26	-	-	30.00	-21.74

Table 71 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2402	-	-	8.28	-	-	30.00	-21.72	13.08	36.00	-22.92
2440	-	-	8.07	-	-	30.00	-21.93	12.87	36.00	-23.13
2480	-	-	8.26	-	-	30.00	-21.74	13.06	36.00	-22.94

Table 72 - ISED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.1
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2404	-	18.04	-	-	-	30.00	-11.96
2441	-	17.99	-	-	-	30.00	-12.01
2476	-	17.68	-	-	-	30.00	-12.32

Table 73 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2404	-	18.04	-	-	-	30.00	-11.96	22.84	36.00	-13.16
2441	-	17.99	-	-	-	30.00	-12.01	22.79	36.00	-13.21
2476	-	17.68	-	-	-	30.00	-12.32	22.48	36.00	-13.52

Table 74 - ISED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2404	-	15.91	-	-	-	30.00	-14.09
2441	-	15.98	-	-	-	30.00	-14.02
2476	-	15.87	-	-	-	30.00	-14.13

Table 75 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2404	-	15.91	-	-	-	30.00	-14.09	20.71	36.00	-15.29
2441	-	15.98	-	-	-	30.00	-14.02	20.78	36.00	-15.22
2476	-	15.87	-	-	-	30.00	-14.13	20.67	36.00	-15.33

Table 76 - ISED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA GFSK (LE 1M)	Duty Cycle (%):	60.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2402	16.81	-	-	-	-	30.00	-13.19
2440	16.88	-	-	-	-	30.00	-13.12
2480	17.11	-	-	-	-	30.00	-12.89

Table 77 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2402	16.81	-	-	-	-	30.00	-13.19	21.31	36.00	-14.69
2440	16.88	-	-	-	-	30.00	-13.12	21.38	36.00	-14.62
2480	17.11	-	-	-	-	30.00	-12.89	21.61	36.00	-14.39

Table 78 - ISED Maximum Conducted (peak) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA GFSK (LE 2M)	Duty Cycle (%):	31.4
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2402	16.76	-	-	-	-	30.00	-13.24
2440	16.60	-	-	-	-	30.00	-13.40
2480	17.26	-	-	-	-	30.00	-12.74

Table 79 - FCC Maximum Conducted (peak) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2402	16.76	-	-	-	-	30.00	-13.24	21.26	36.00	-14.74
2440	16.60	-	-	-	-	30.00	-13.40	21.10	36.00	-14.90
2480	17.26	-	-	-	-	30.00	-12.74	21.76	36.00	-14.24

Table 80 - ISED Maximum Conducted (peak) Output Power Results