

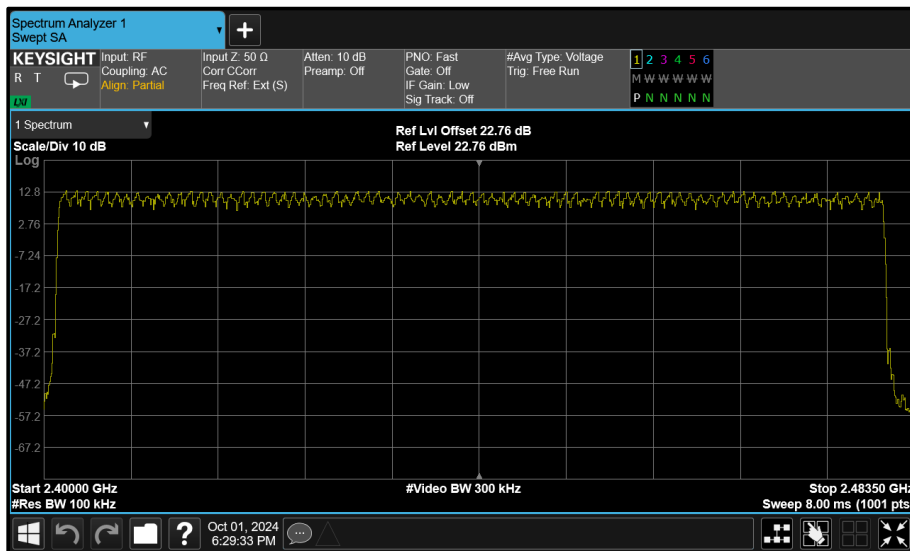


Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii)	Test Method(s):	C63.10 7.8.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA 8-DPSK (3-DH5)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Number of Hopping Frequencies	Limit
79	≥15.0

**Table 48 - Number of Hopping Frequencies Results**



**Figure 66 - 8-DPSK (3-DH5) - Number of Hopping Channels**

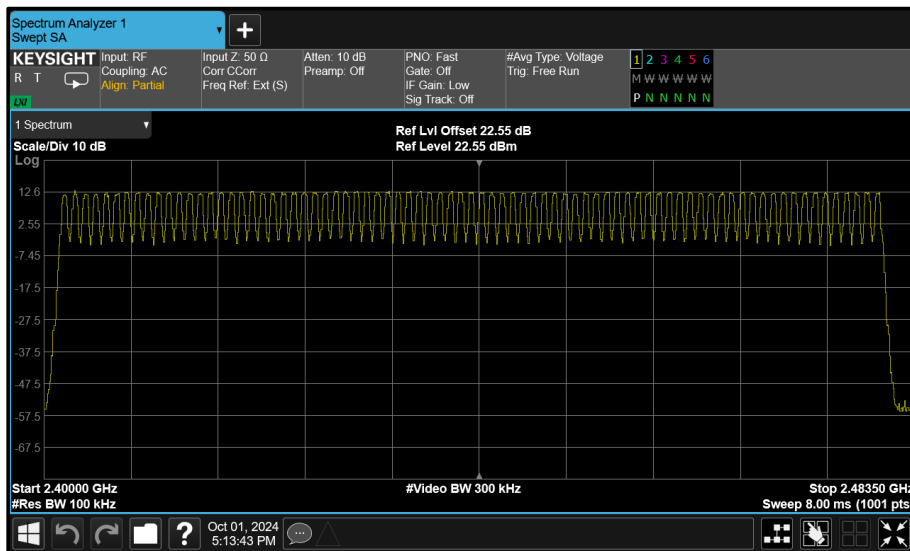


Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii)	Test Method(s):	C63.10 7.8.3
Additional Reference(s):	-		

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

Number of Hopping Frequencies	Limit
79	≥15.0

**Table 49 - Number of Hopping Frequencies Results**



**Figure 67 - GFSK (DH5) - Number of Hopping Channels**

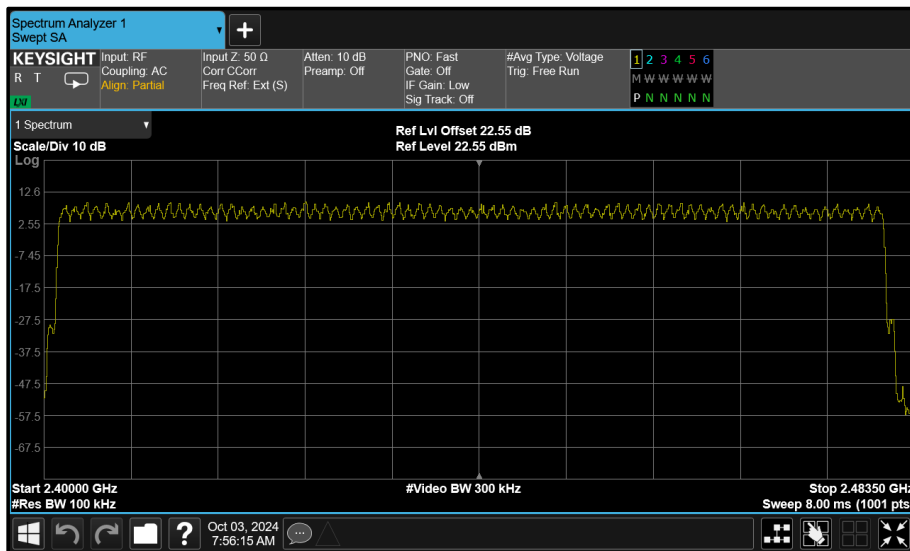


Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii)	Test Method(s):	C63.10 7.8.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (2-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Number of Hopping Frequencies	Limit
79	$\geq 15.0$

**Table 50 - Number of Hopping Frequencies Results**



**Figure 68 -  $\pi/4$  DQPSK (2-DH5) - Number of Hopping Channels**

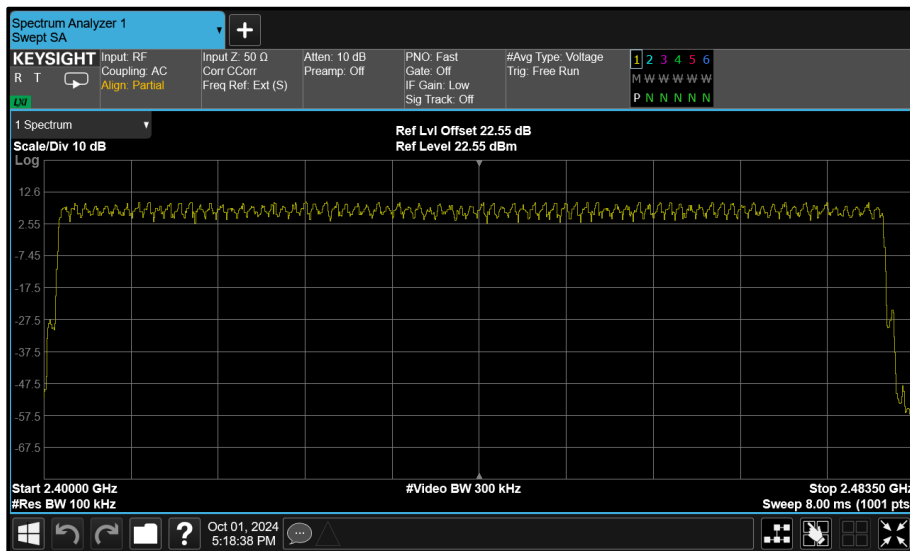


Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii)	Test Method(s):	C63.10 7.8.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 8-DPSK (3-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Number of Hopping Frequencies	Limit
79	≥15.0

**Table 51 - Number of Hopping Frequencies Results**



**Figure 69 - 8-DPSK (3-DH5) - Number of Hopping Channels**

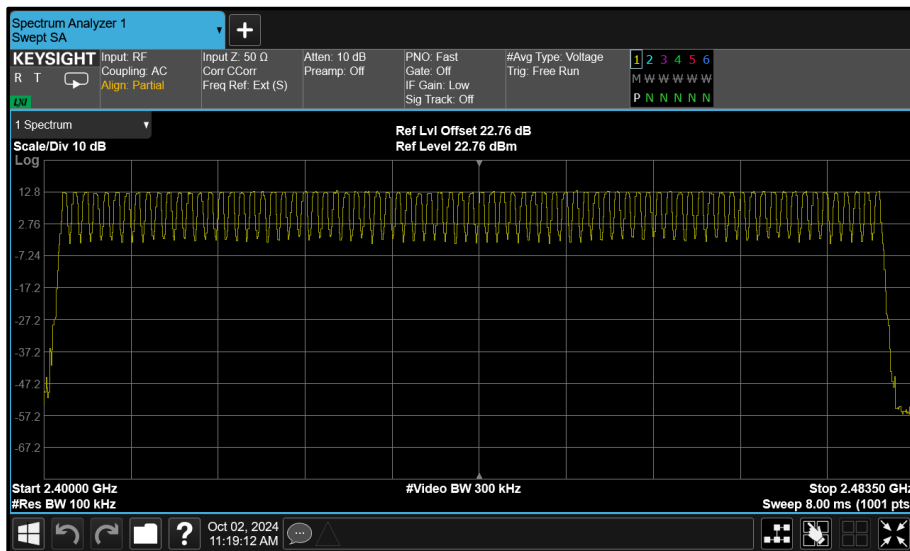


Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii)	Test Method(s):	C63.10 7.8.3
Additional Reference(s):	-		

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

Number of Hopping Frequencies	Limit
79	≥15.0

**Table 52 - Number of Hopping Frequencies Results**



**Figure 70 - GFSK (DH5) - Number of Hopping Channels**

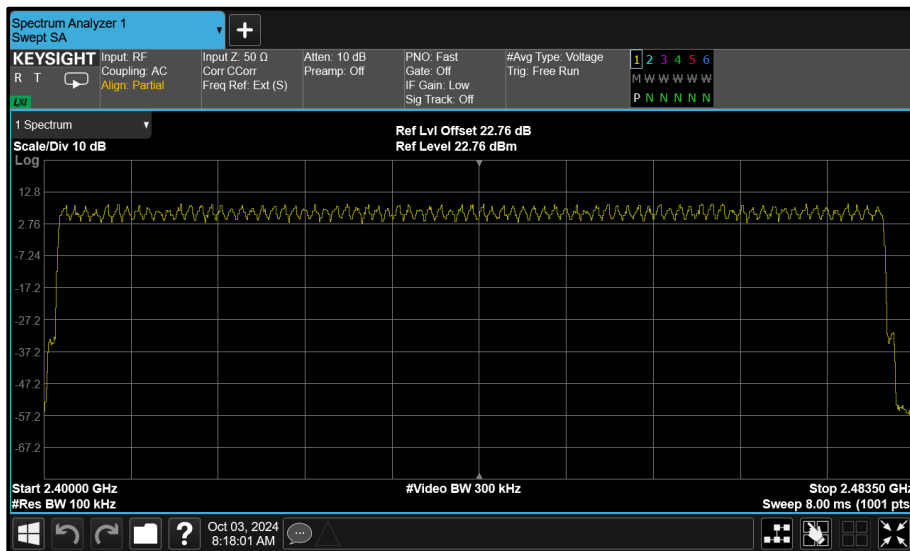


Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii)	Test Method(s):	C63.10 7.8.3
Additional Reference(s):	-		

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

Number of Hopping Frequencies	Limit
79	$\geq 15.0$

**Table 53 - Number of Hopping Frequencies Results**



**Figure 71 -  $\pi/4$  DQPSK (2-DH5) - Number of Hopping Channels**

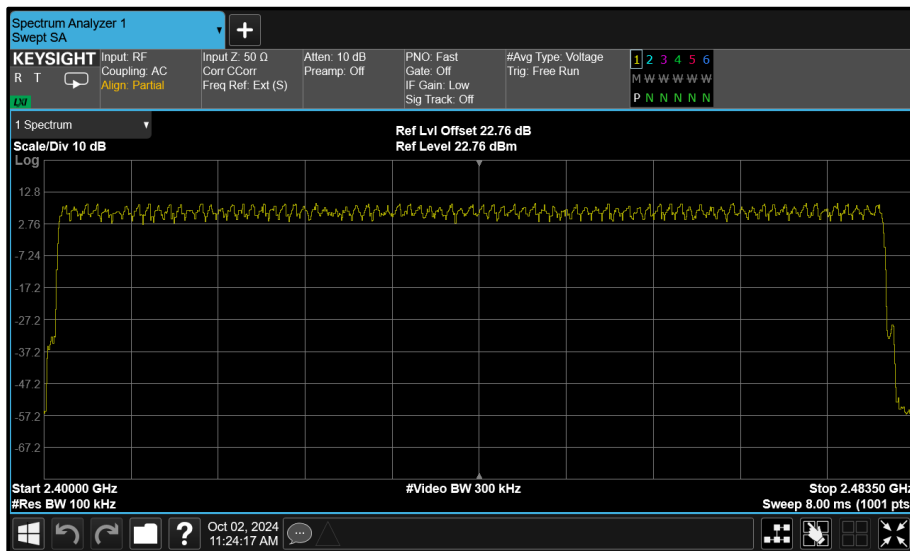


Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii)	Test Method(s):	C63.10 7.8.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 8-DPSK (3-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 2)	Peak Antenna Gain (dBi):	-

Number of Hopping Frequencies	Limit
79	≥15.0

**Table 54 - Number of Hopping Frequencies Results**



**Figure 72 - 8-DPSK (3-DH5) - Number of Hopping Channels**

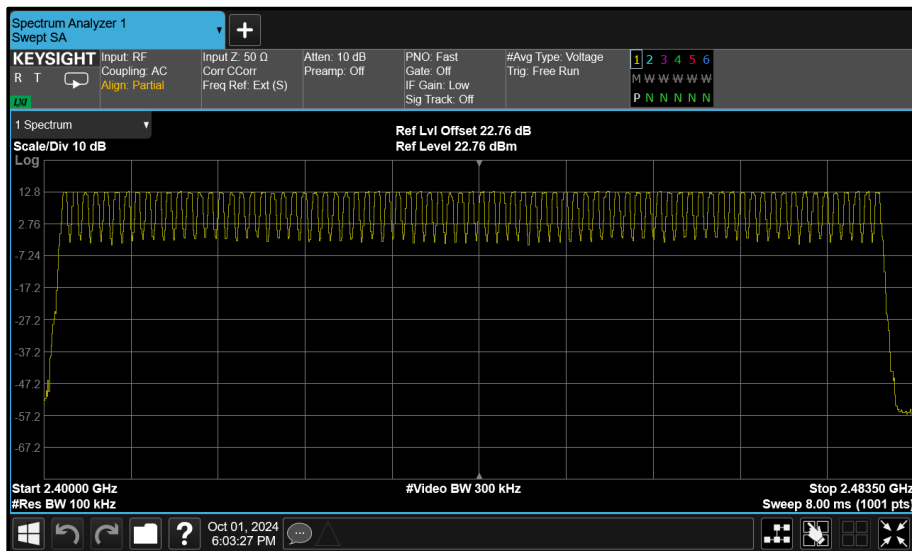


Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii)	Test Method(s):	C63.10 7.8.3
Additional Reference(s):	-		

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

Number of Hopping Frequencies	Limit
79	≥15.0

**Table 55 - Number of Hopping Frequencies Results**



**Figure 73 - GFSK (DH5) - Number of Hopping Channels**



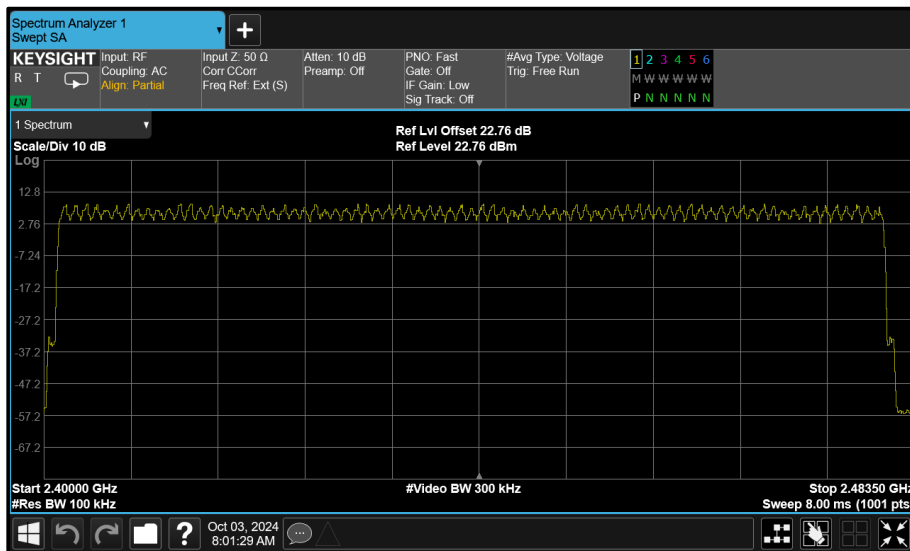


Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii)	Test Method(s):	C63.10 7.8.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (2-DH5)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Number of Hopping Frequencies	Limit
79	$\geq 15.0$

**Table 56 - Number of Hopping Frequencies Results**



**Figure 74 -  $\pi/4$  DQPSK (2-DH5) - Number of Hopping Channels**

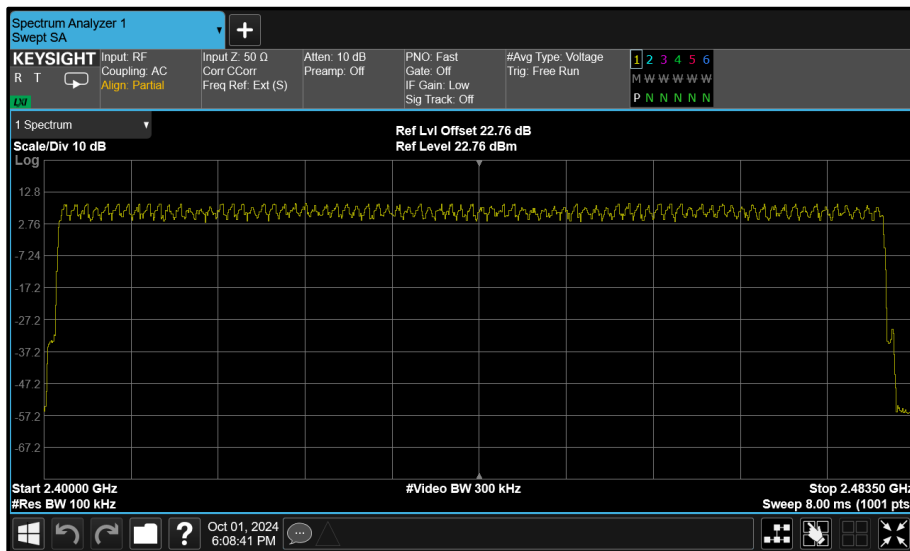


Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii)	Test Method(s):	C63.10 7.8.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 8-DPSK (3-DH5)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Number of Hopping Frequencies	Limit
79	≥15.0

**Table 57 - Number of Hopping Frequencies Results**



**Figure 75 - 8-DPSK (3-DH5) - Number of Hopping Channels**

FCC 47 CFR Part 15, Limit Clause 15.247 (a)(1)(iii)

≥ 15 channels



**2.4.7 Test Location and Test Equipment Used**

This test was carried out in SAR Chamber 2.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
True RMS Multimeter	Fluke	79 Series III	411	12	12-Jan-2025
Hygrometer	Rotronic	Hygropalm 0	3028	12	12-Aug-2025
1 MHz / 10 MHz reference	Quartzlock	E10-X	4973	12	03-Sep-2025
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
3 GHz High Pass Filter	RLC Electronics	F-100-3000-5-R	5228	12	18-Feb-2025
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	18-Sep-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6350	12	02-Aug-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6638	12	02-Aug-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6639	12	02-Aug-2025

**Table 58**

O/P Mon - Output Monitored using calibrated equipment



**2.5 Frequency Hopping Systems - 99% & 20 dB Bandwidth**

**2.5.1 Specification Reference**

FCC 47 CFR Part 15C, Clause 15.247 (a)(1)

**2.5.2 Equipment Under Test and Modification State**

A3403, S/N: M7J9X1XPGD - Modification State 0

**2.5.3 Date of Test**

01-October-2024 to 03-October-2024

**2.5.4 Test Method**

The test was performed in accordance with ANSI C63.10, clause 6.9.2 for 20 dB Bandwidth and ANSI C63.10, clause 6.9.3 for 99% Bandwidth.

**2.5.5 Environmental Conditions**

Ambient Temperature	20.4 - 21.8 °C
Relative Humidity	45.4 - 53.1 %



**2.5.6 Test Results**

2.4 GHz Bluetooth BDR/EDR

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(1)	Test Method(s):	C63.10 6.9.2 C63.10 6.9.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (2-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	-	1.325	-	-
2441	-	1.325	-	-
2480	-	1.330	-	-

**Table 59 - 20 dB Bandwidth Results**

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	1.184	-	-	-
2441	-	1.184	-	-	-
2480	-	1.188	-	-	-

**Table 60 - 99% Bandwidth Results**

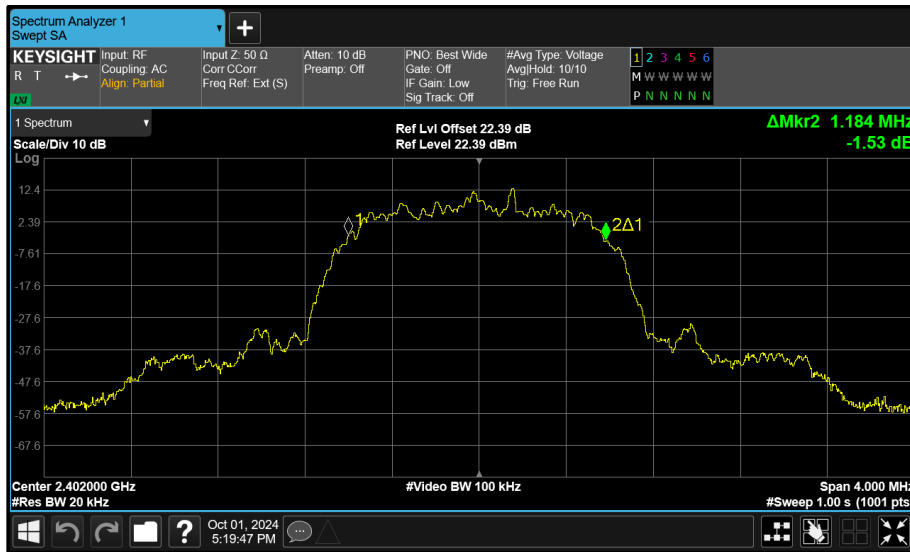


Figure 76 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

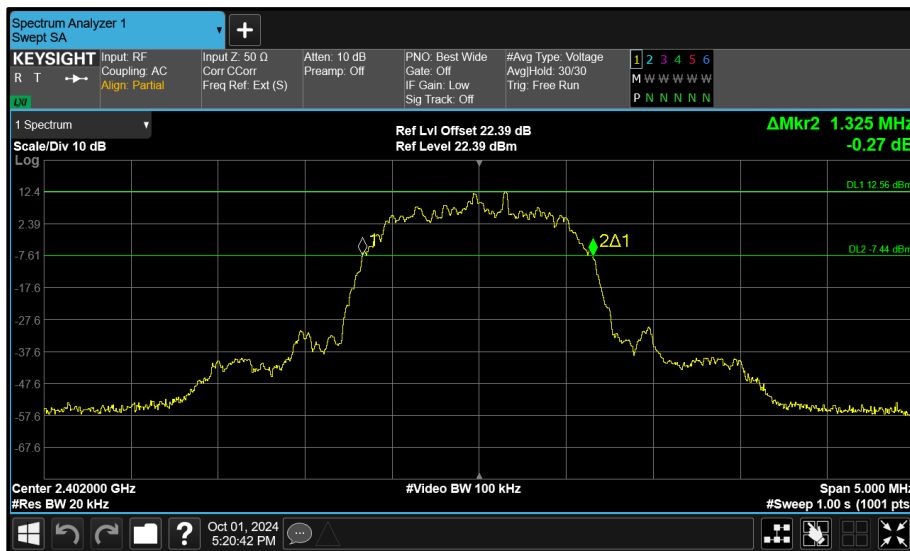


Figure 77 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

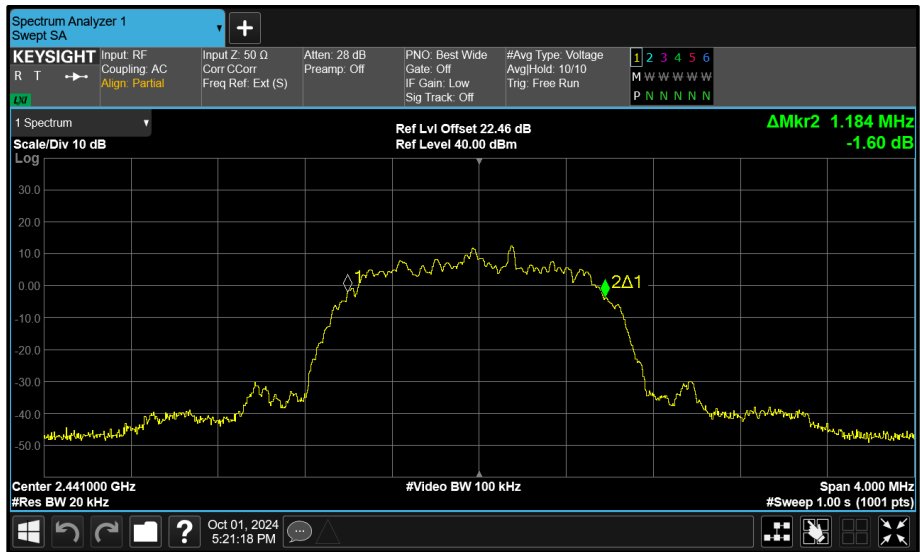


Figure 78 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

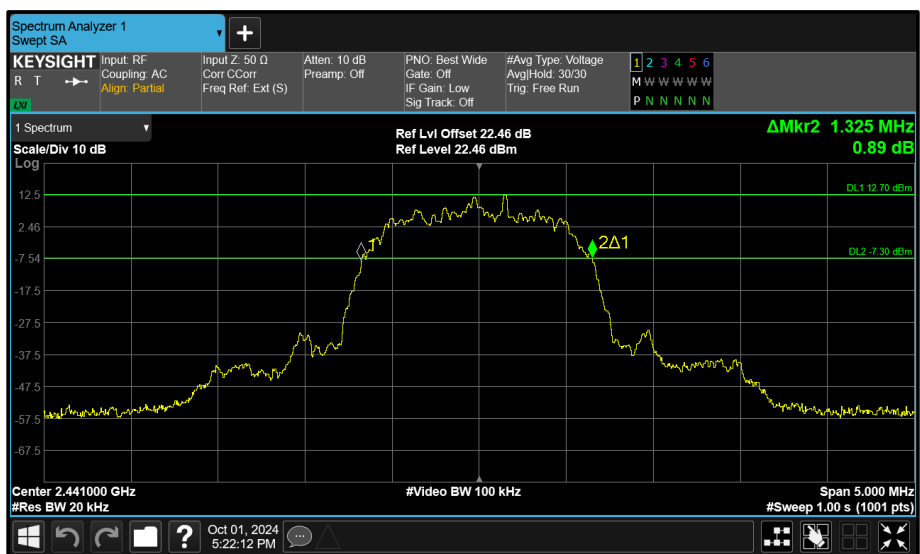


Figure 79 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

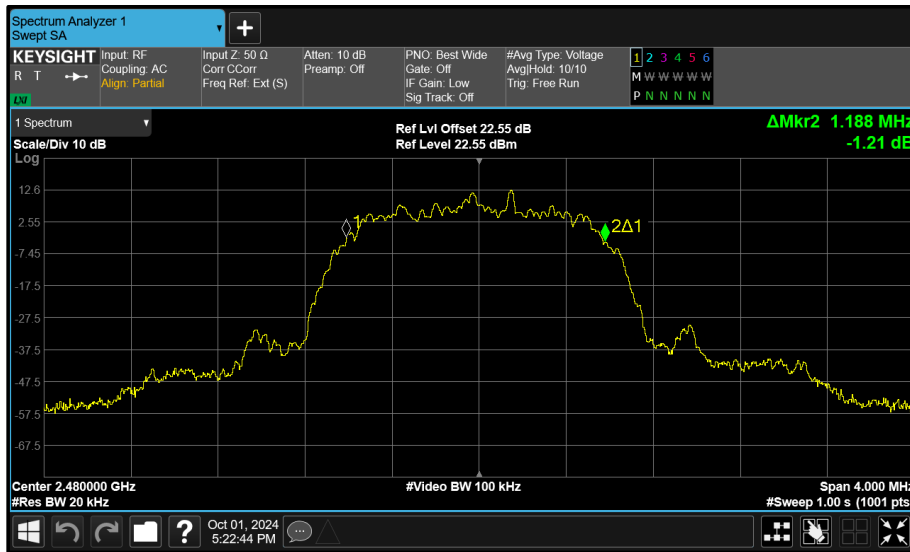


Figure 80 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

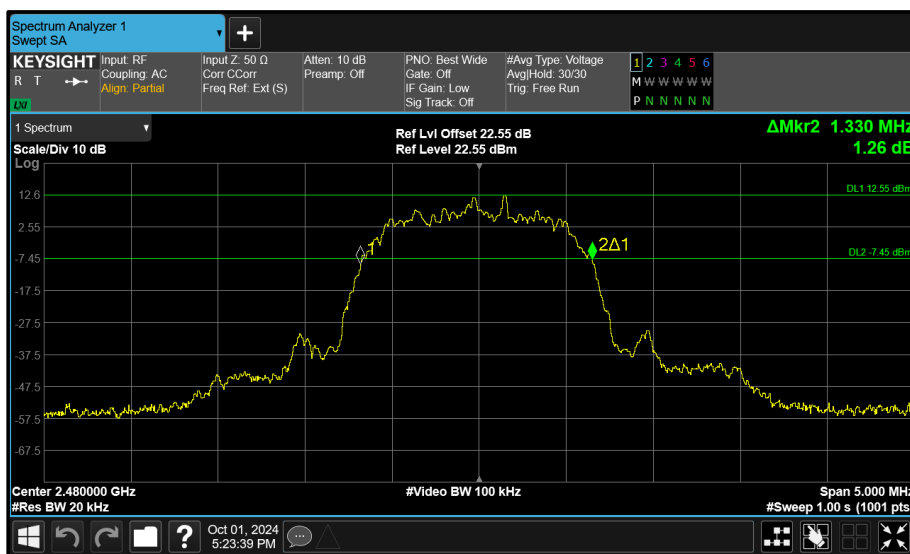


Figure 81 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth





Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(1)	Test Method(s):	C63.10 6.9.2 C63.10 6.9.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA 8-DPSK (3-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	-	1.260	-	-
2441	-	1.260	-	-
2480	-	1.260	-	-

**Table 61 - 20 dB Bandwidth Results**

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	1.184	-	-	-
2441	-	1.184	-	-	-
2480	-	1.184	-	-	-

**Table 62 - 99% Bandwidth Results**

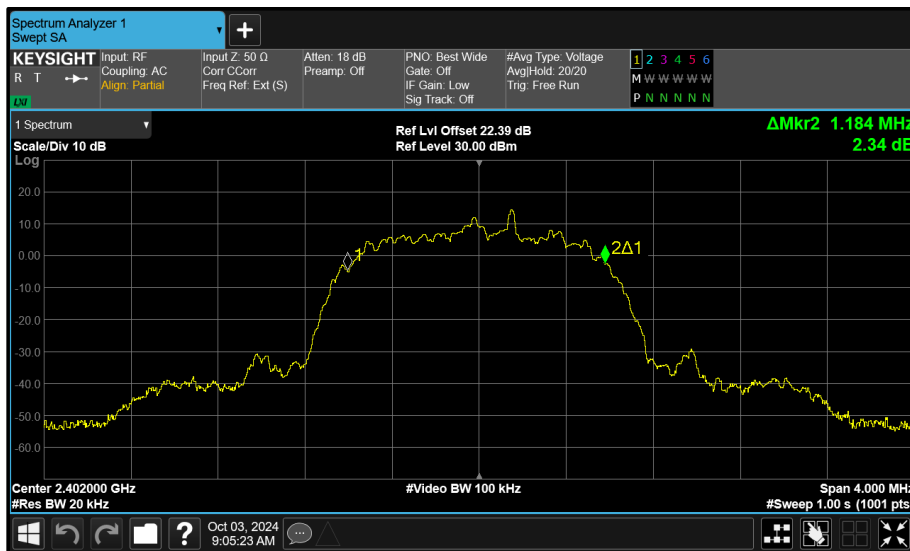


Figure 82 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

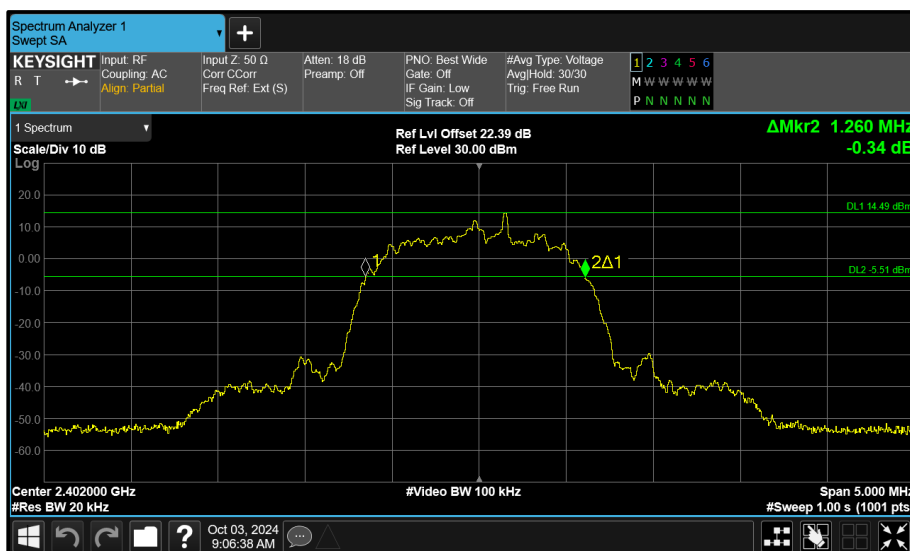


Figure 83 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

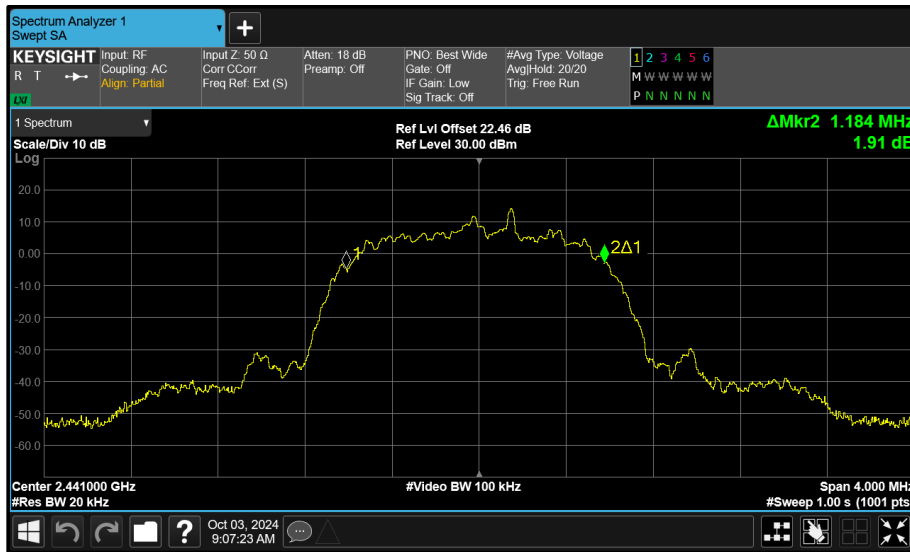


Figure 84 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

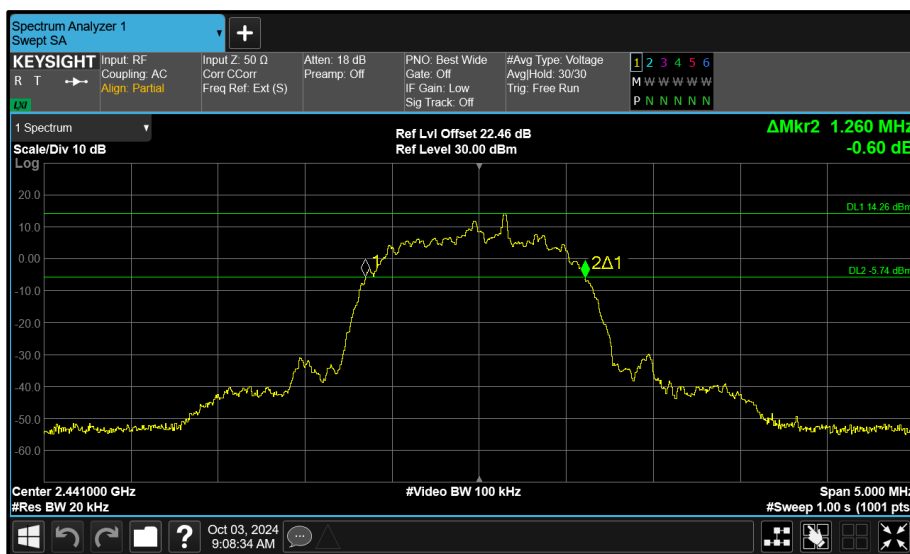


Figure 85 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

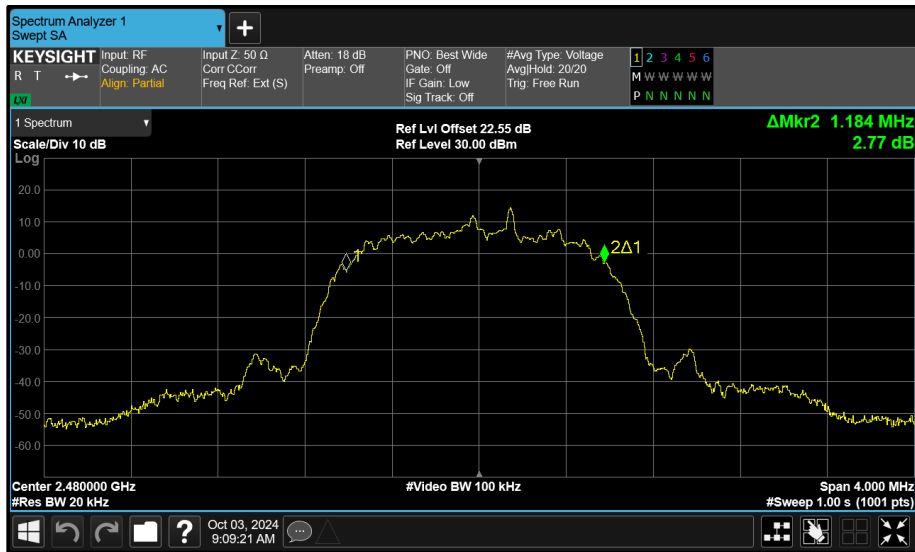


Figure 86 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

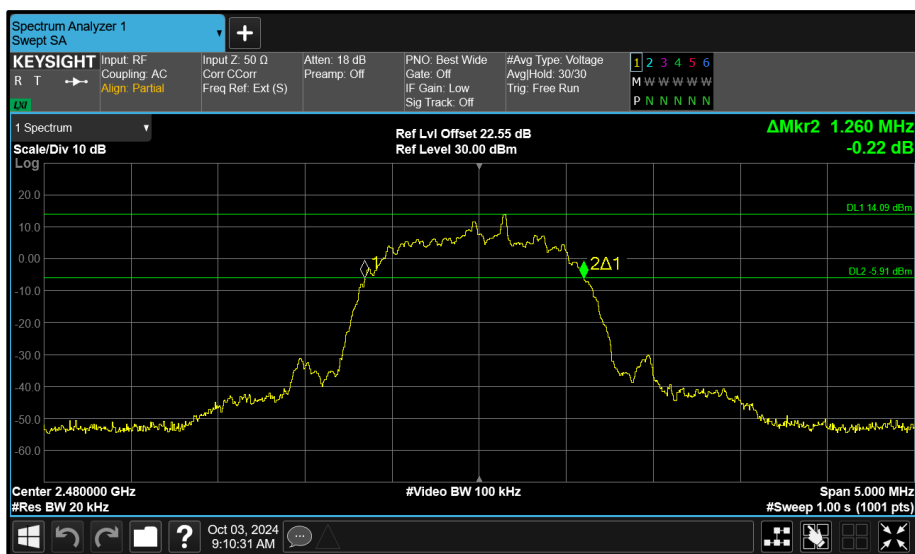


Figure 87 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(1)	Test Method(s):	C63.10 6.9.2 C63.10 6.9.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (2-DH5)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	1.325	1.330	-	-
2441	1.325	1.325	-	-
2480	1.330	1.330	-	-

**Table 63 - 20 dB Bandwidth Results**

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.184	1.184	-	-	-
2441	1.184	1.184	-	-	-
2480	1.184	1.184	-	-	-

**Table 64 - 99% Bandwidth Results**

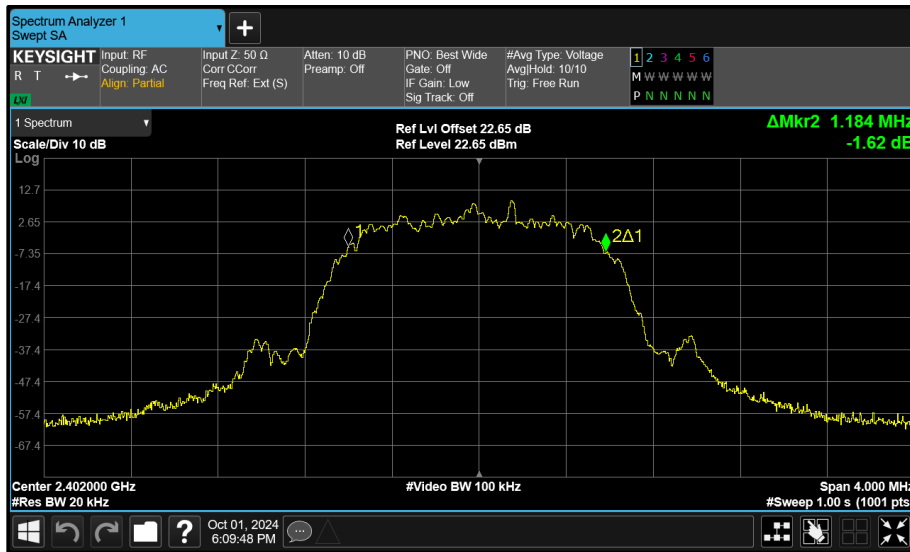


Figure 88 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

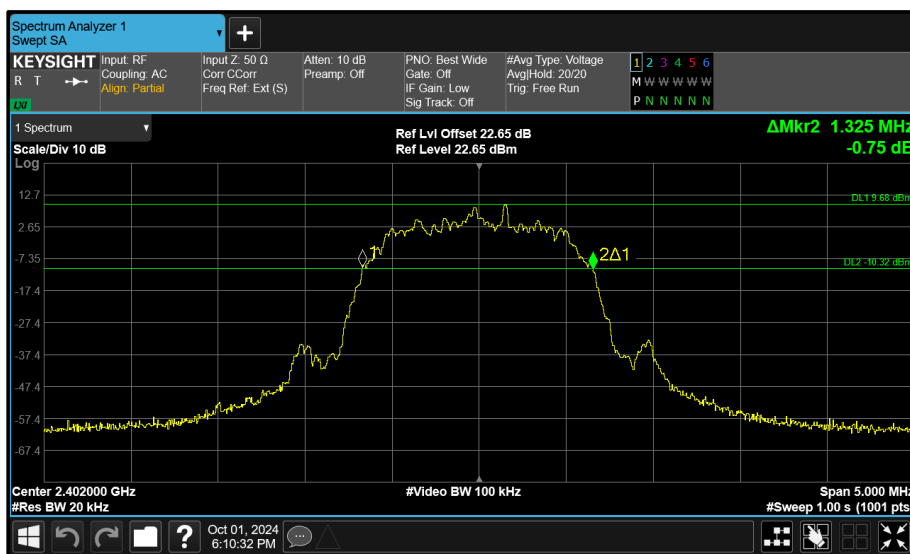


Figure 89 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

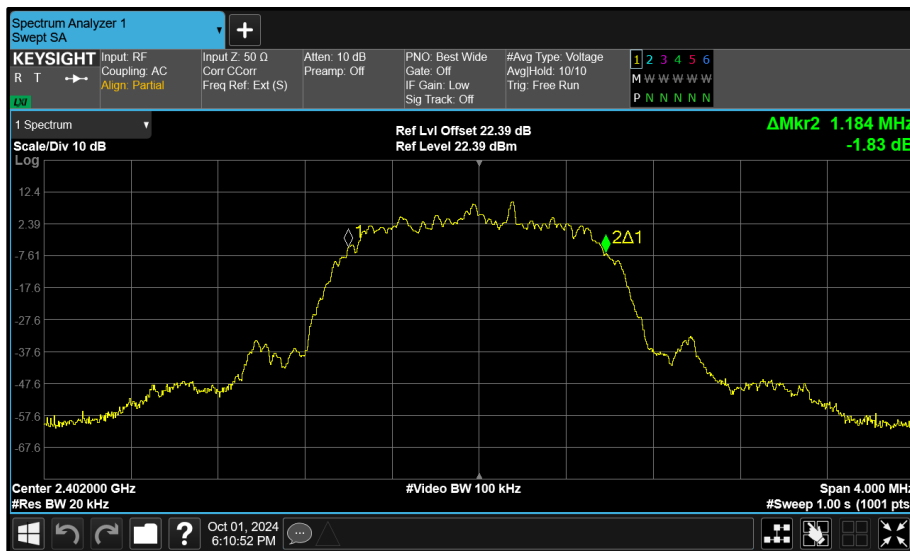


Figure 90 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

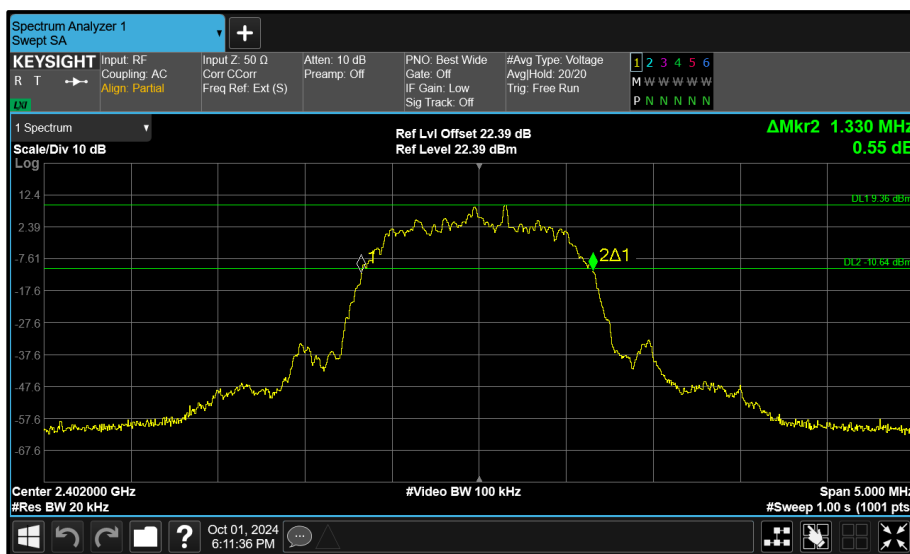


Figure 91 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

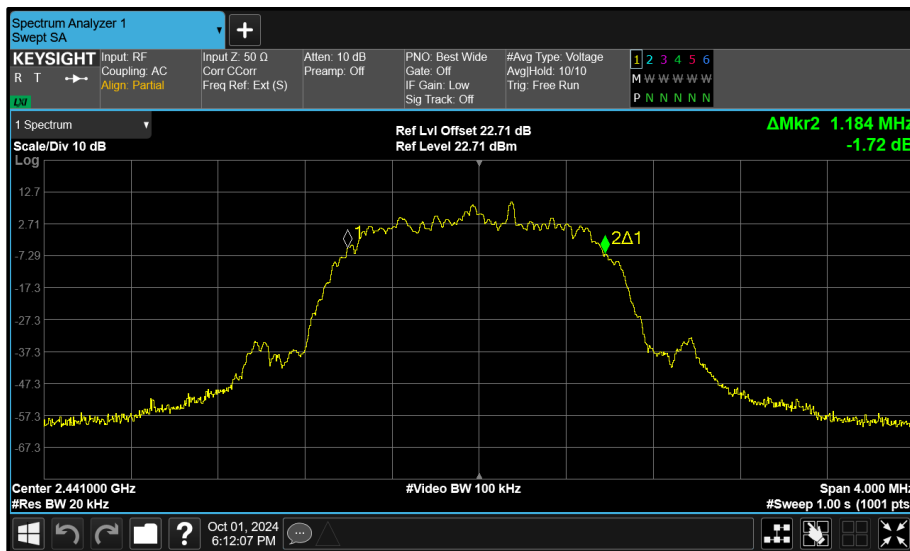


Figure 92 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

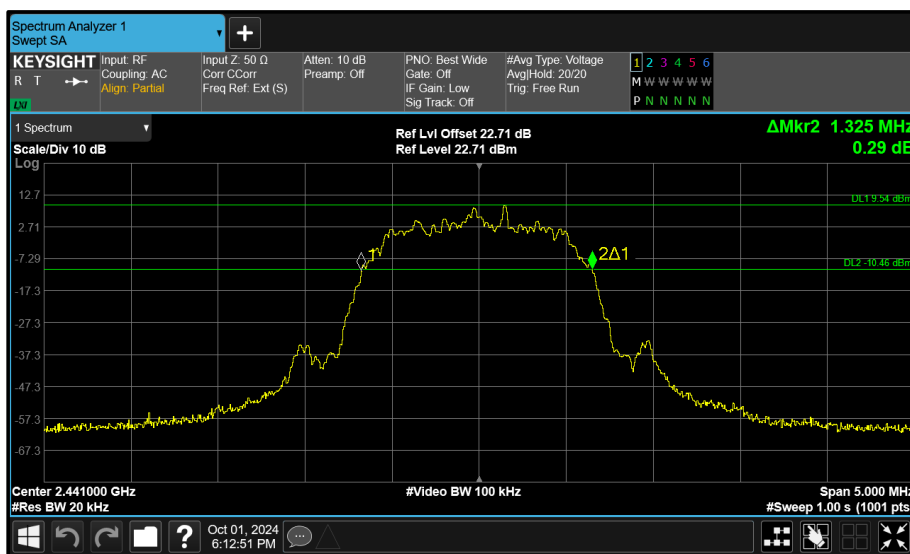


Figure 93 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth



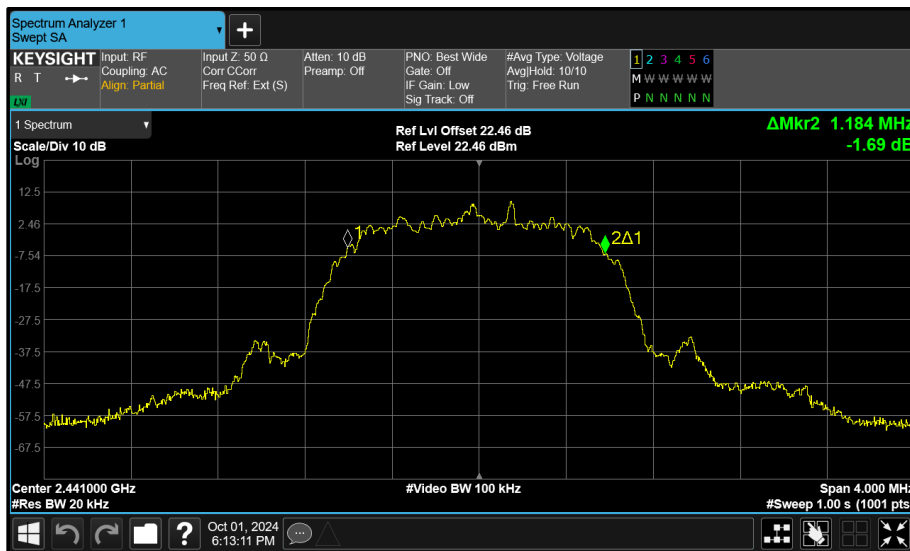


Figure 94 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

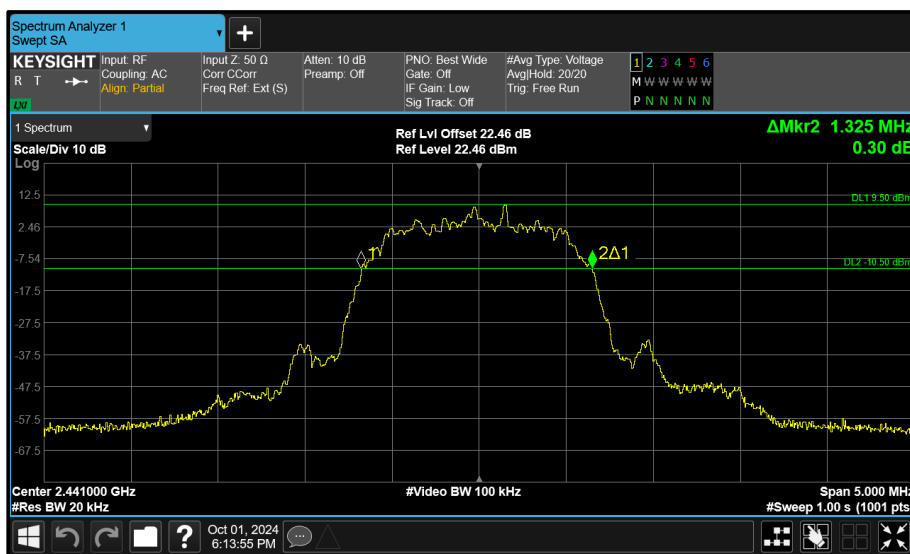


Figure 95 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

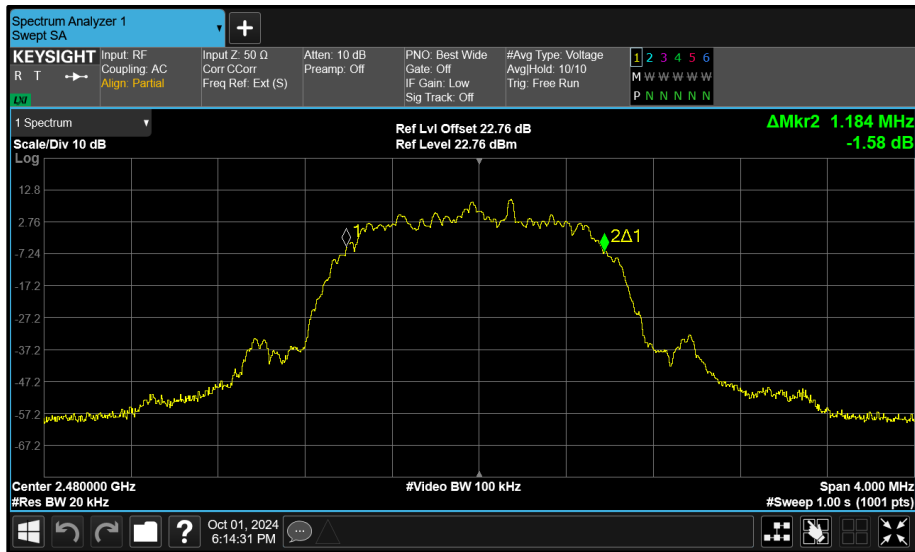


Figure 96 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

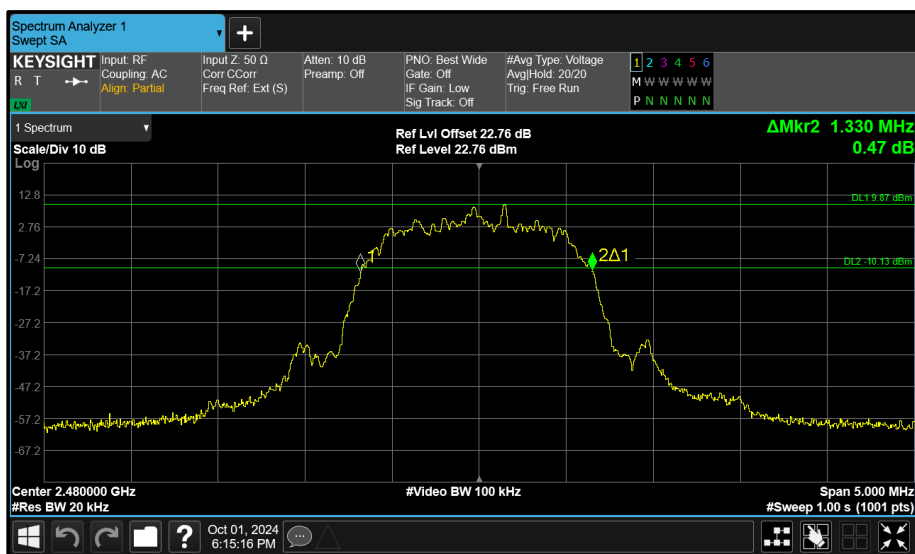


Figure 97 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

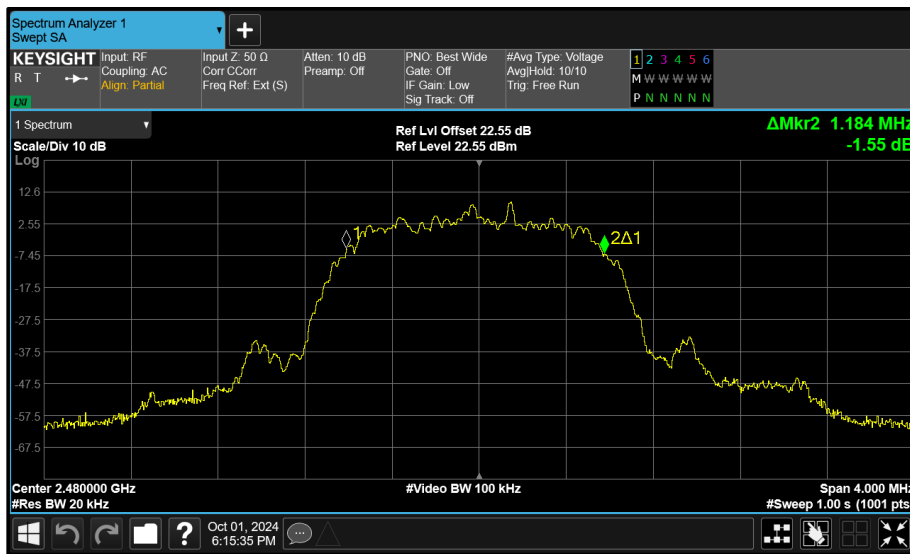


Figure 98 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

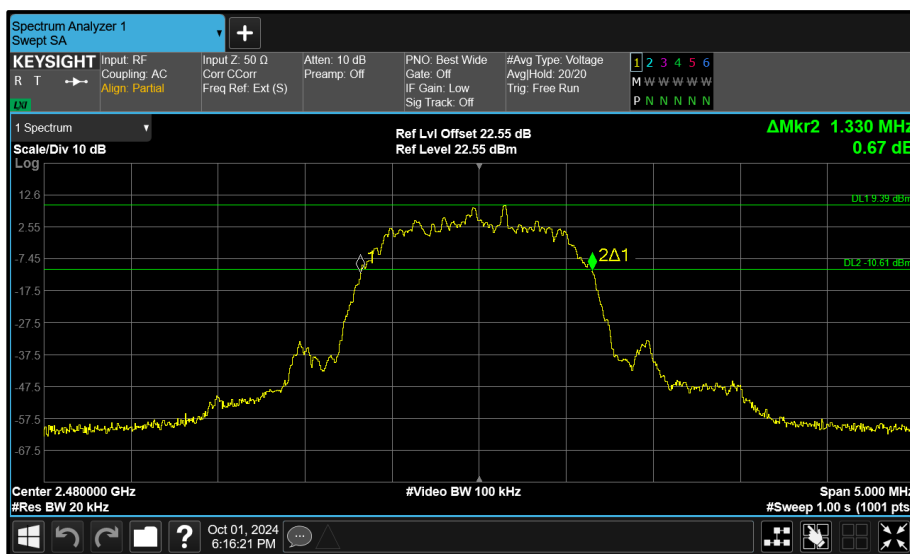


Figure 99 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(1)	Test Method(s):	C63.10 6.9.2 C63.10 6.9.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA 8-DPSK (3-DH5)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	1.260	1.260	-	-
2441	1.260	1.260	-	-
2480	1.260	1.260	-	-

**Table 65 - 20 dB Bandwidth Results**

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.188	1.184	-	-	-
2441	1.188	1.184	-	-	-
2480	1.184	1.188	-	-	-

**Table 66 - 99% Bandwidth Results**

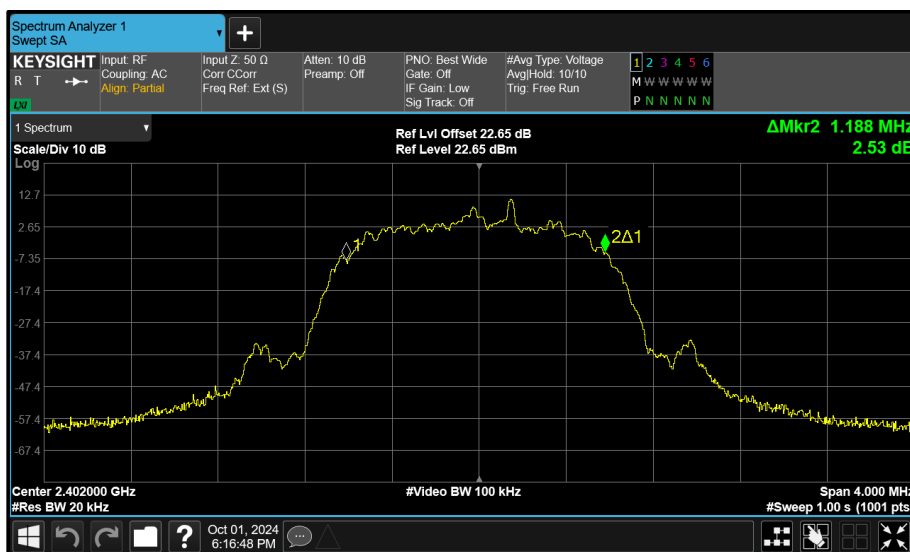


Figure 100 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

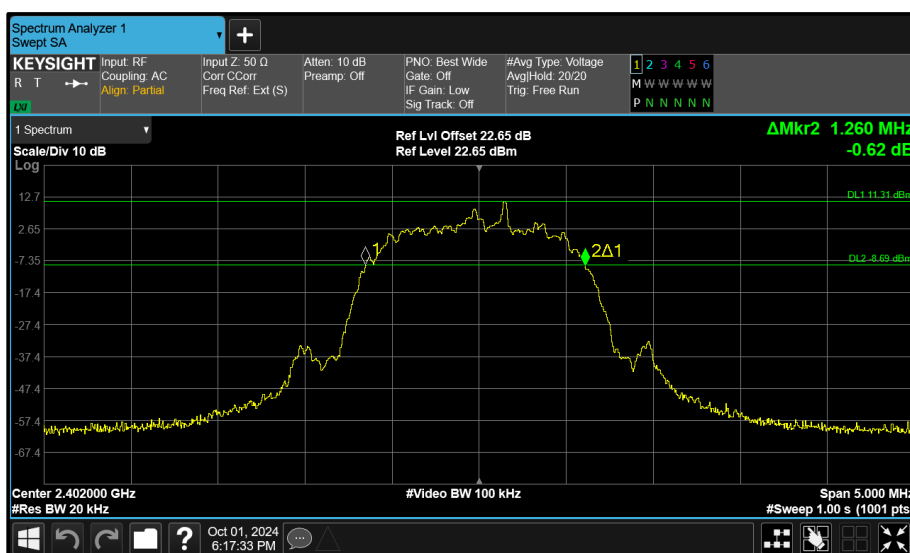


Figure 101 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

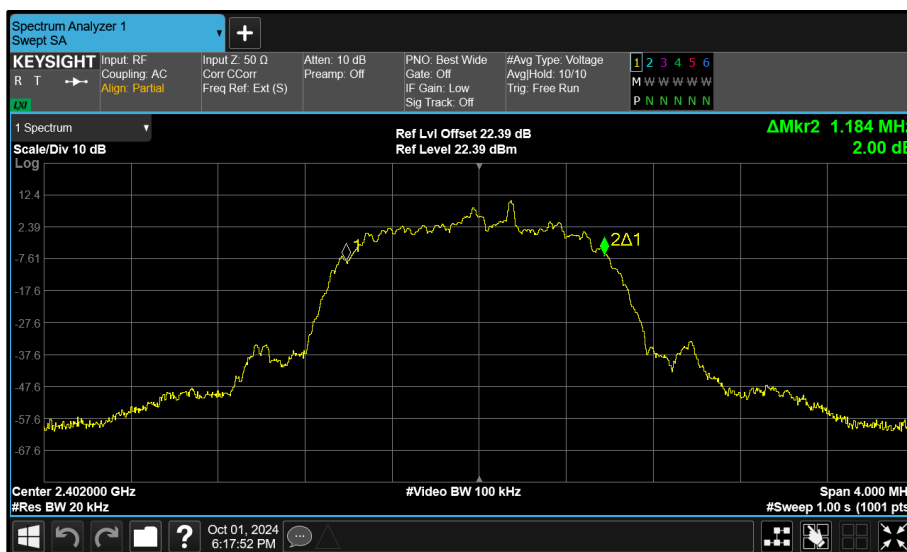


Figure 102 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

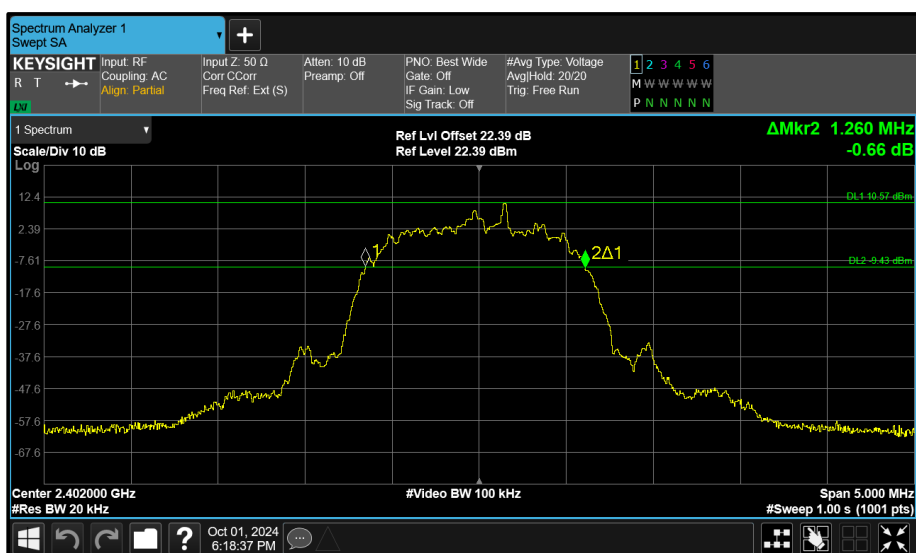


Figure 103 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

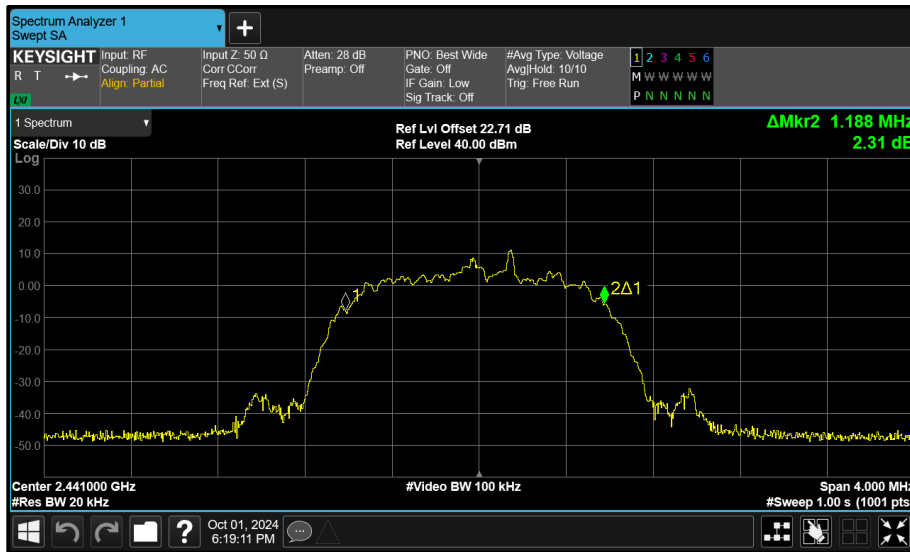


Figure 104 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

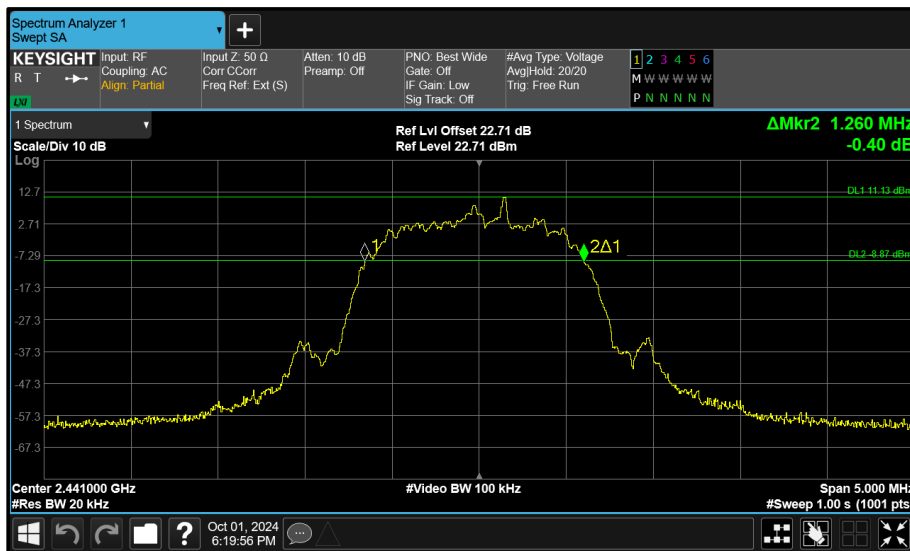


Figure 105 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

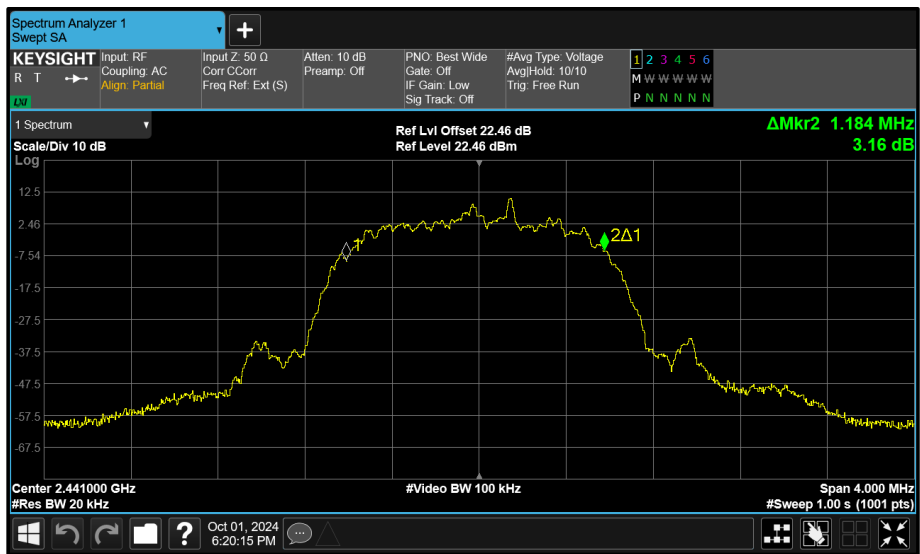


Figure 106 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth



Figure 107 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth



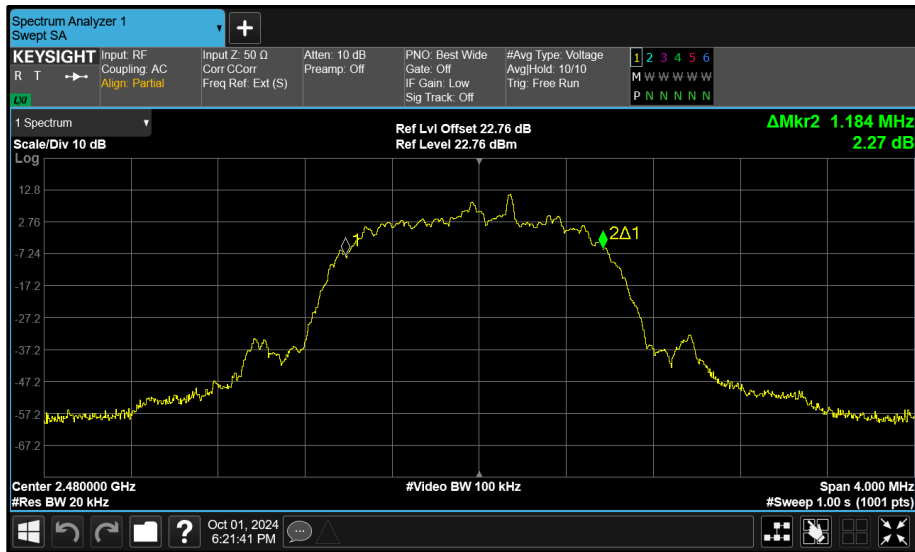


Figure 108 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

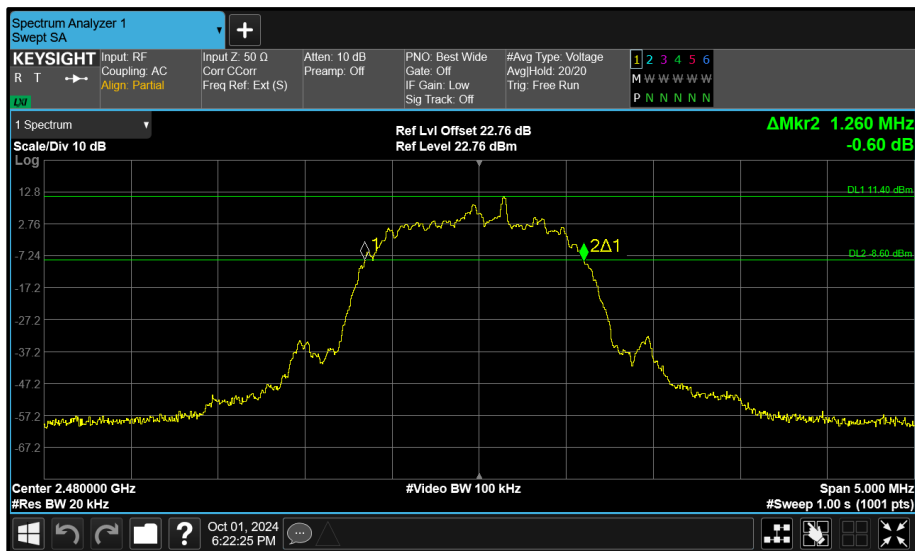


Figure 109 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

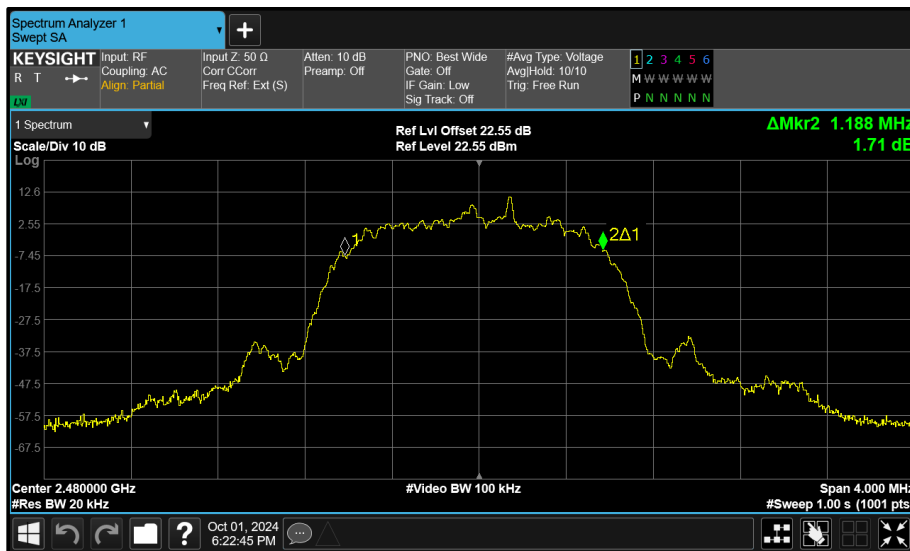


Figure 110 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

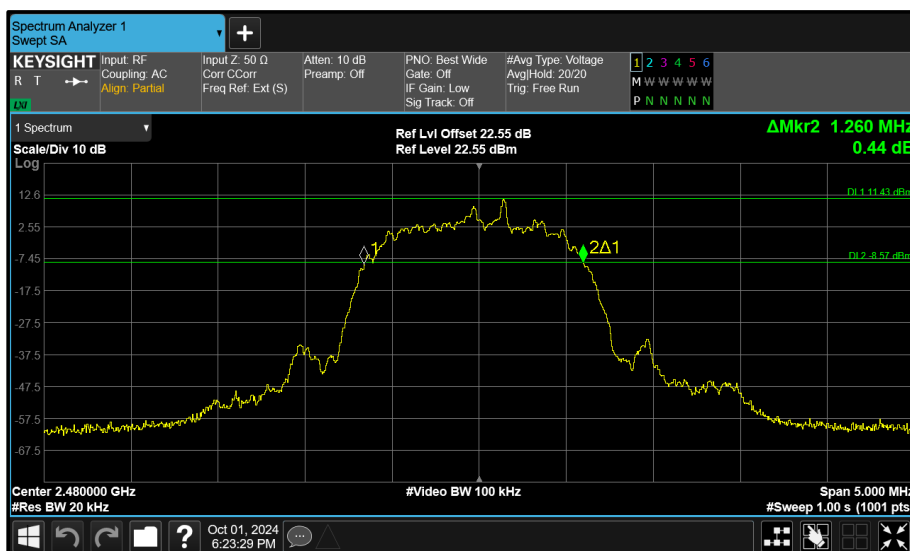


Figure 111 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(1)	Test Method(s):	C63.10 6.9.2 C63.10 6.9.3
Additional Reference(s):	-		

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

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	-	0.858	-	-
2441	-	0.855	-	-
2480	-	0.855	-	-

**Table 67 - 20 dB Bandwidth Results**

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	0.855	-	-	-
2441	-	0.852	-	-	-
2480	-	0.855	-	-	-

**Table 68 - 99% Bandwidth Results**

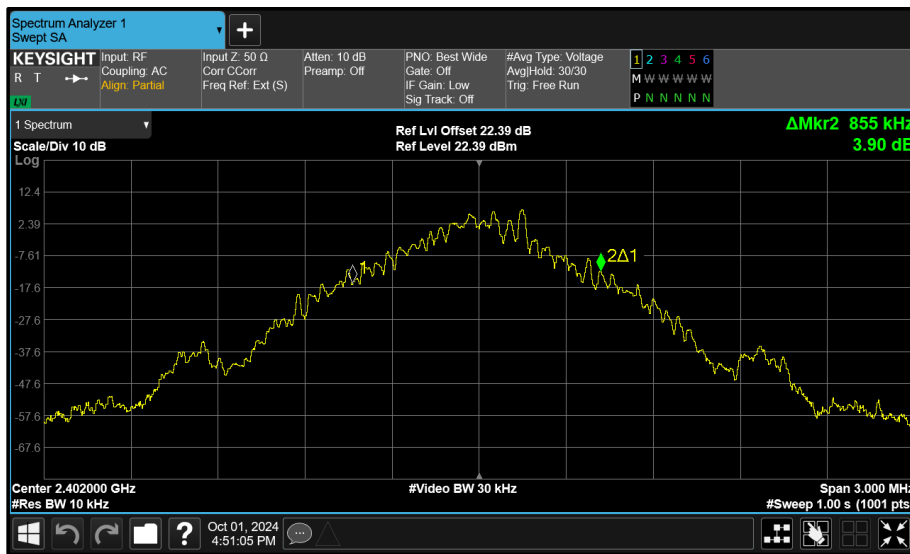


Figure 112 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

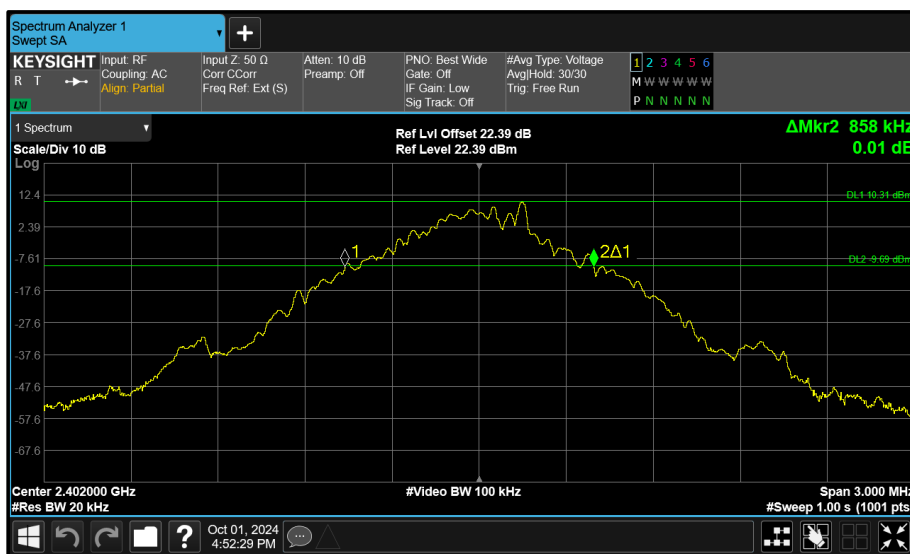


Figure 113 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

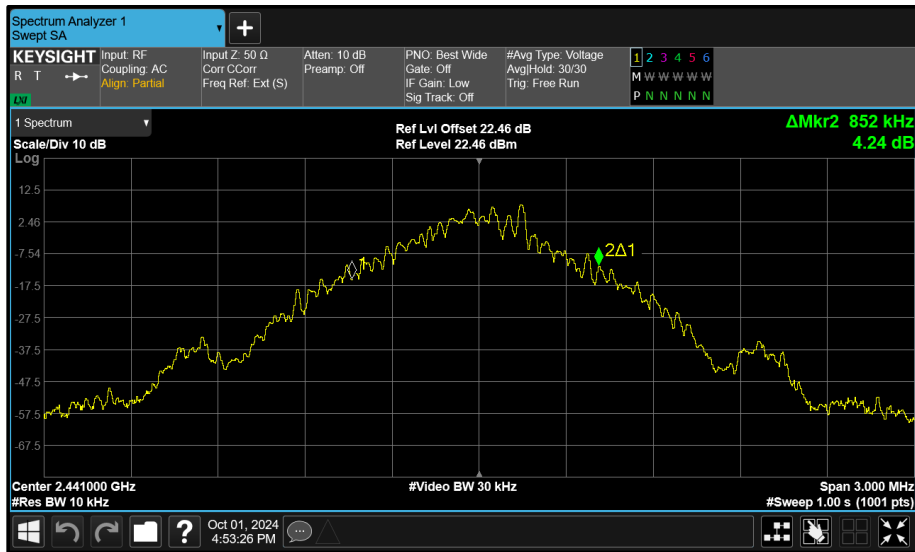


Figure 114 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

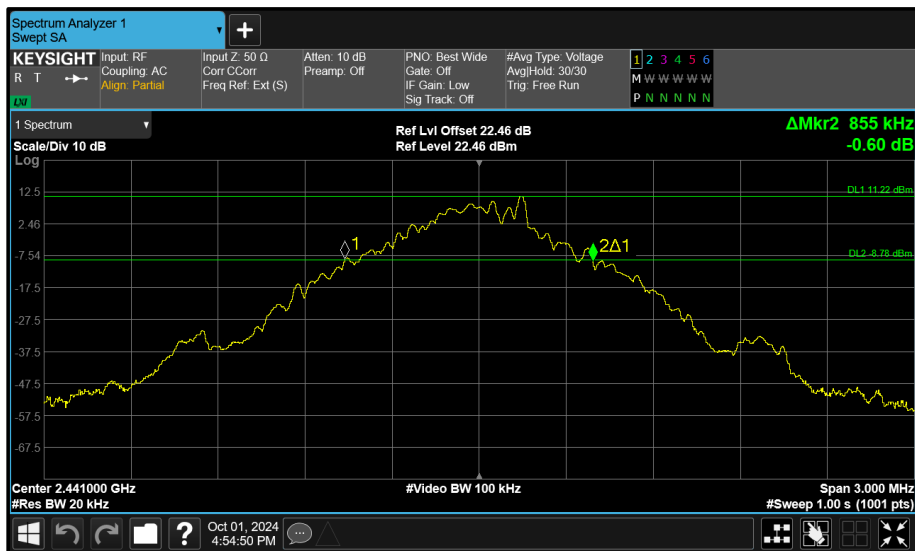


Figure 115 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

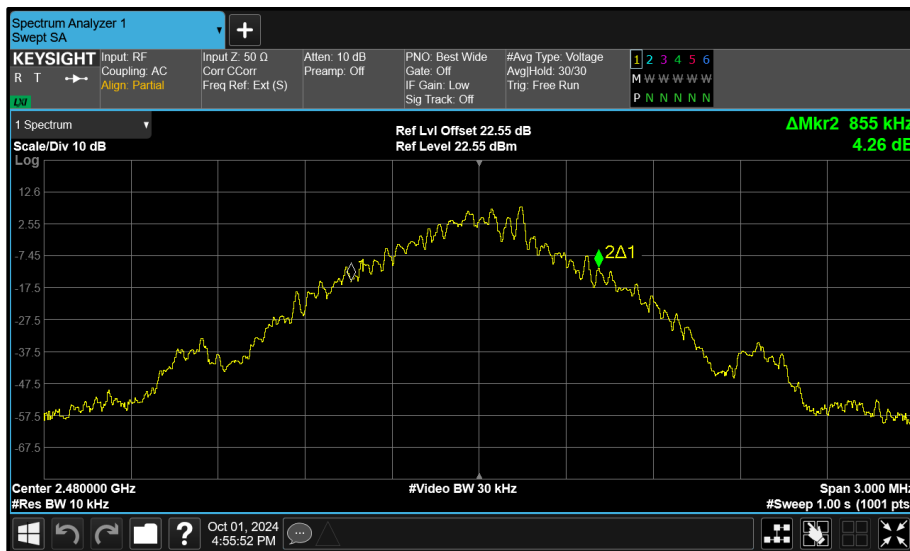


Figure 116 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

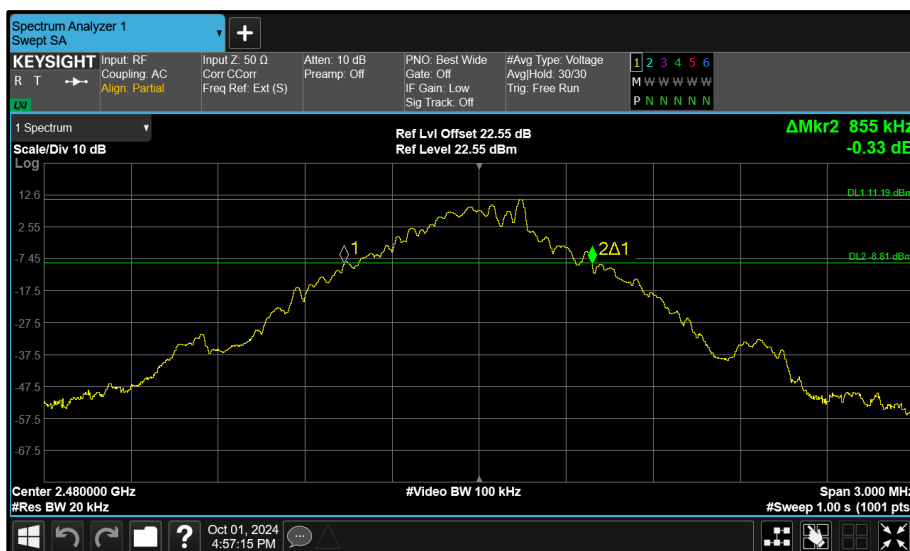


Figure 117 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(1)	Test Method(s):	C63.10 6.9.2 C63.10 6.9.3
Additional Reference(s):	-		

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

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	0.855	0.855	-	-
2441	0.858	0.858	-	-
2480	0.855	0.855	-	-

**Table 69 - 20 dB Bandwidth Results**

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	0.856	0.861	-	-	-
2441	0.855	0.864	-	-	-
2480	0.858	0.864	-	-	-

**Table 70 - 99% Bandwidth Results**

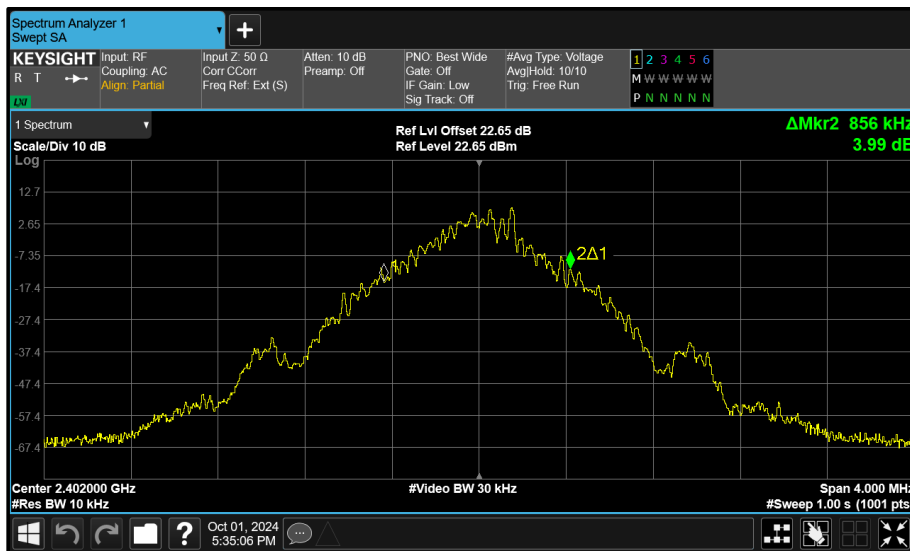


Figure 118 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

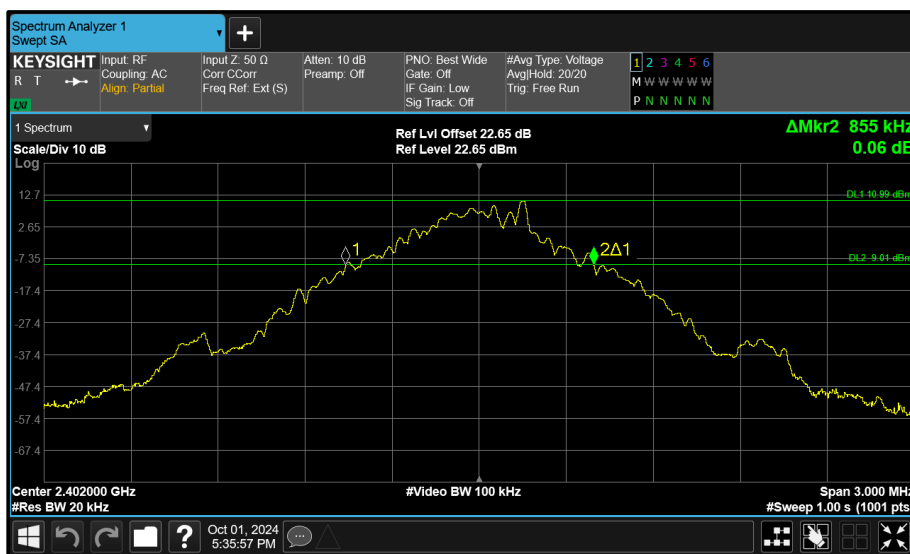


Figure 119 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth



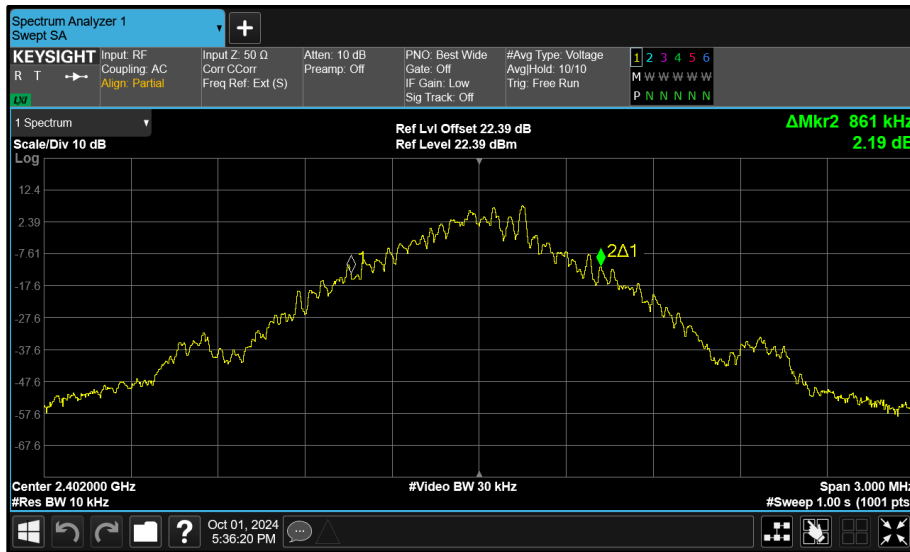


Figure 120 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

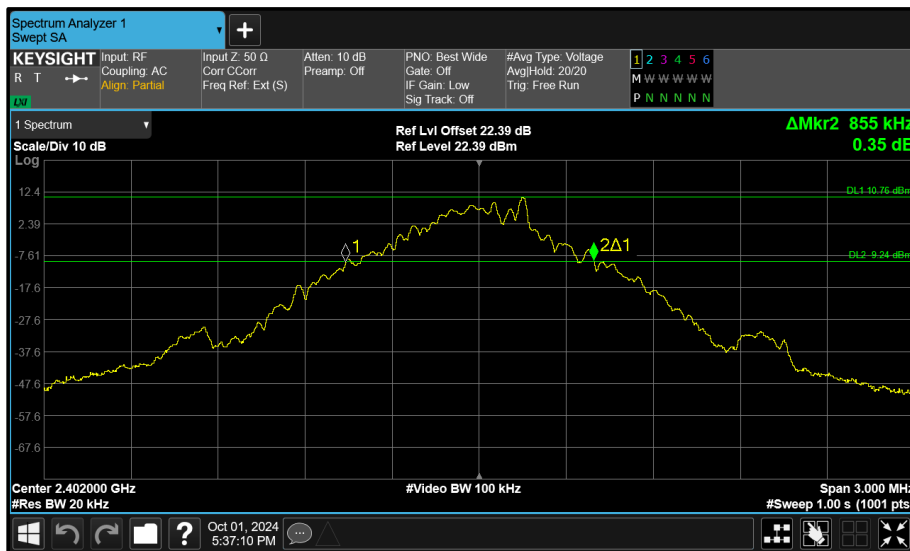


Figure 121 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

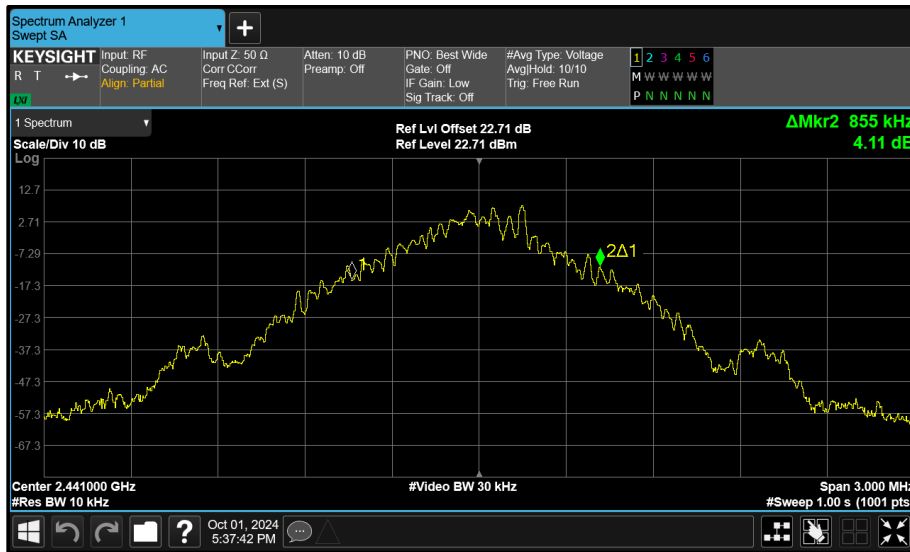


Figure 122 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

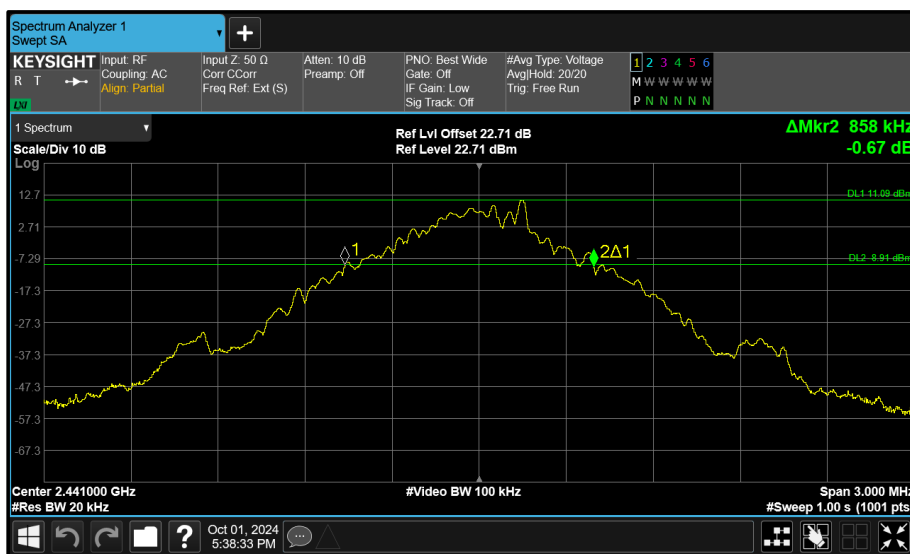


Figure 123 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

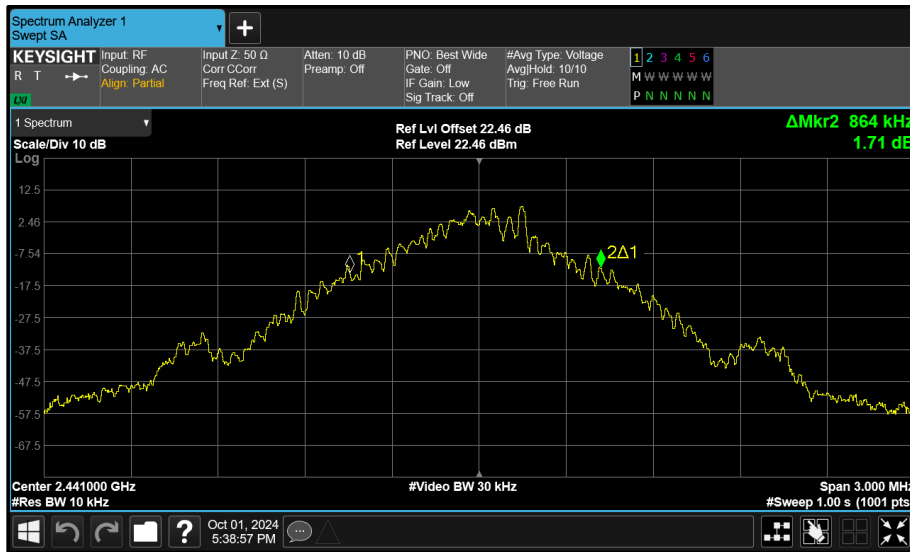


Figure 124 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

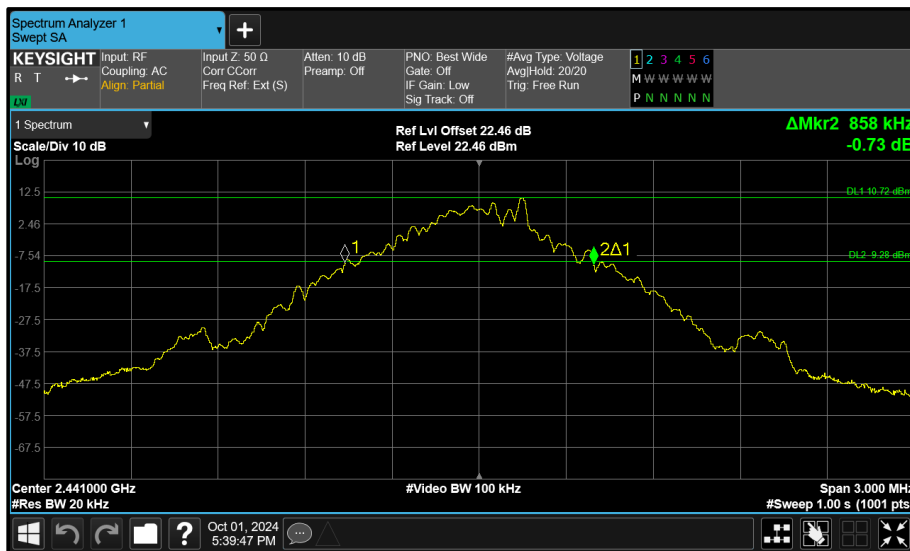


Figure 125 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

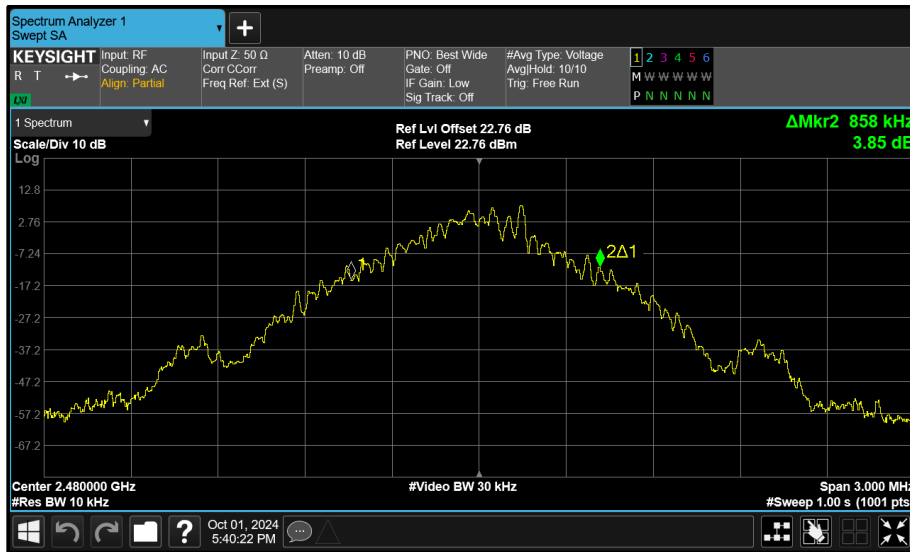


Figure 126 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

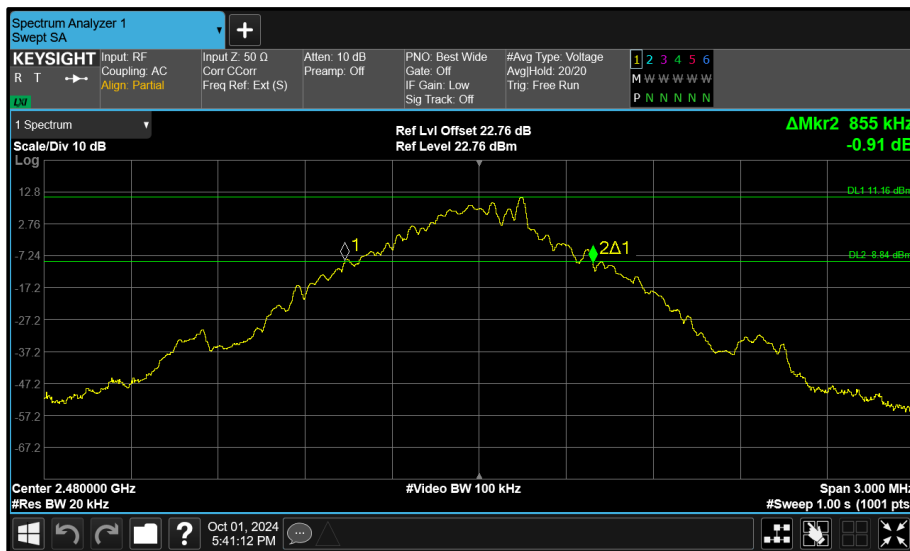


Figure 127 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

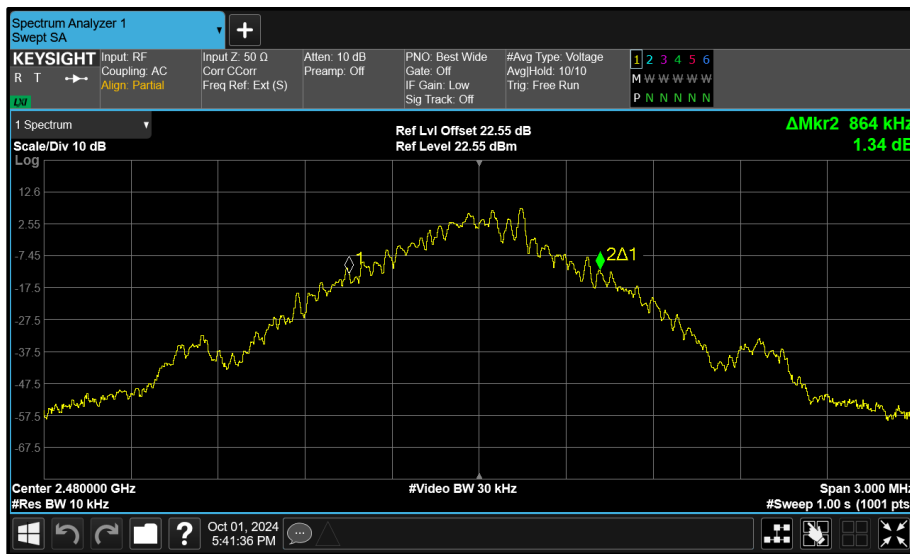


Figure 128 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

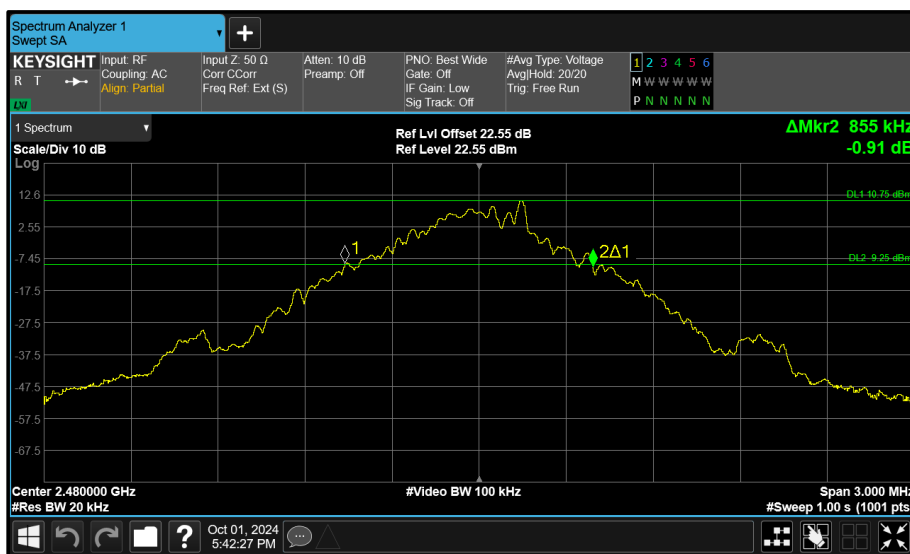


Figure 129 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(1)	Test Method(s):	C63.10 6.9.2 C63.10 6.9.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (2-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	-	1.325	-	-
2441	-	1.325	-	-
2480	-	1.325	-	-

**Table 71 - 20 dB Bandwidth Results**

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	1.188	-	-	-
2441	-	1.192	-	-	-
2480	-	1.196	-	-	-

**Table 72 - 99% Bandwidth Results**

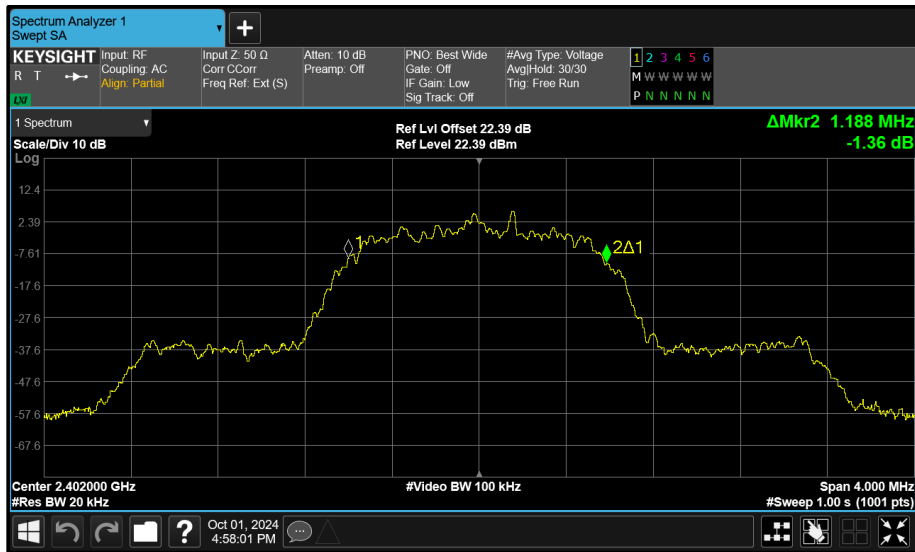


Figure 130 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

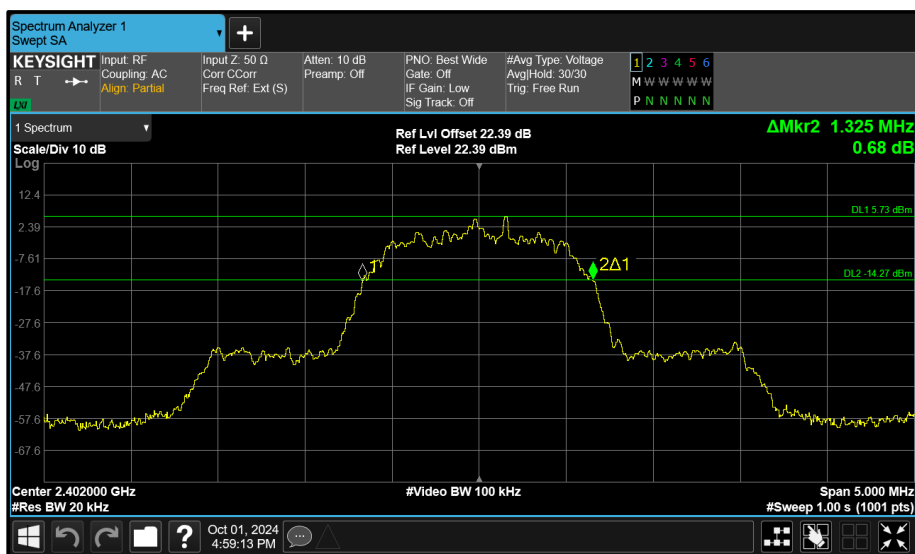


Figure 131 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

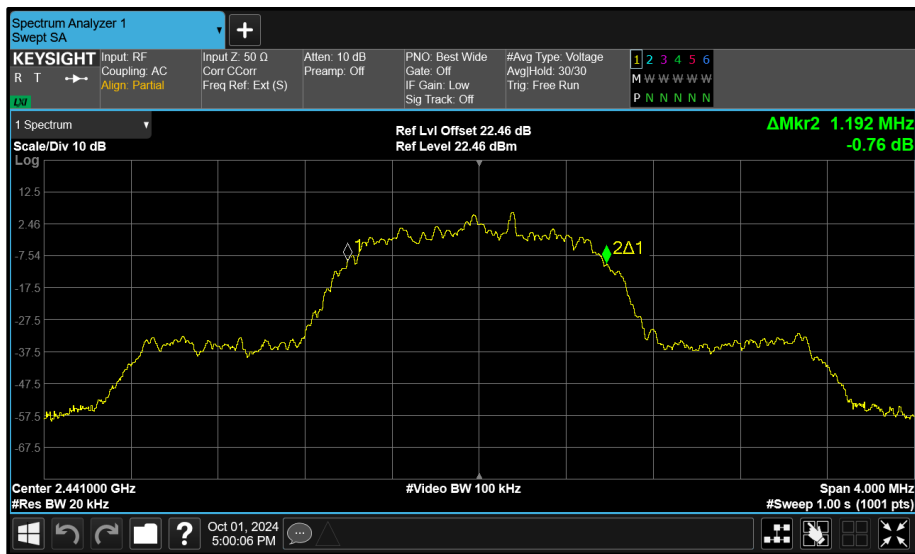


Figure 132 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

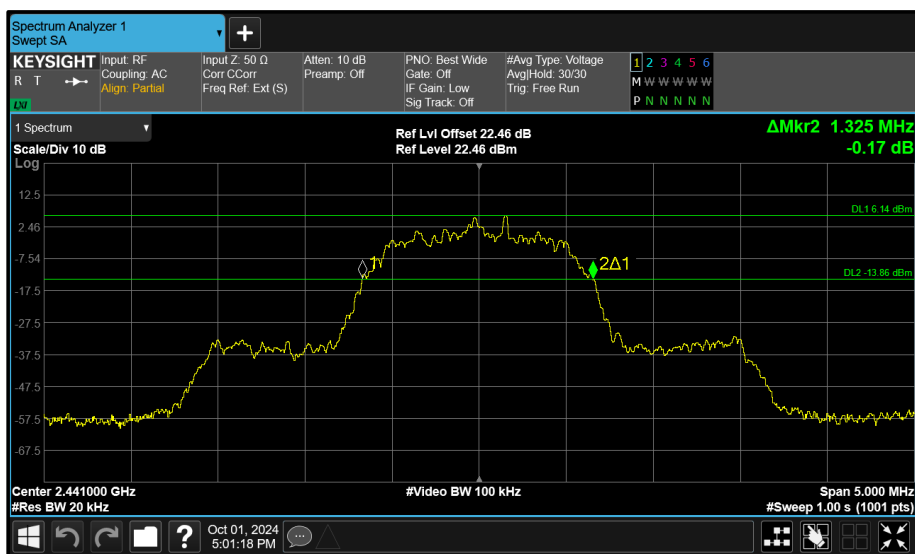


Figure 133 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth



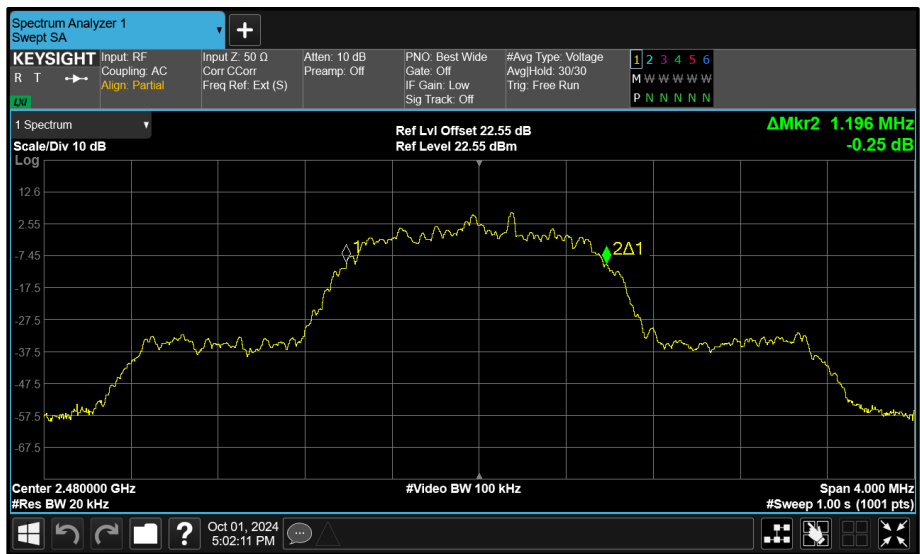


Figure 134 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth



Figure 135 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(1)	Test Method(s):	C63.10 6.9.2 C63.10 6.9.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 8-DPSK (3-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	-	1.265	-	-
2441	-	1.265	-	-
2480	-	1.265	-	-

**Table 73 - 20 dB Bandwidth Results**

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	-	1.196	-	-	-
2441	-	1.200	-	-	-
2480	-	1.204	-	-	-

**Table 74 - 99% Bandwidth Results**

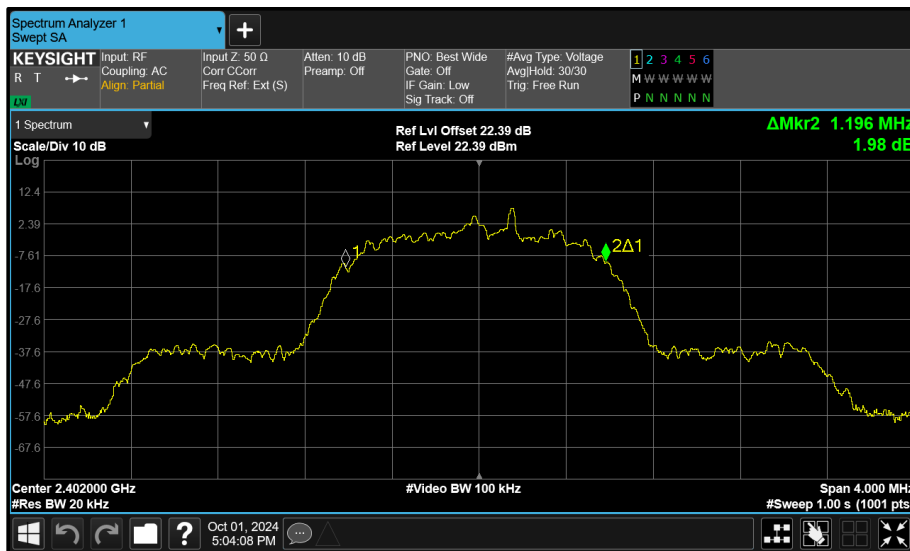


Figure 136 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

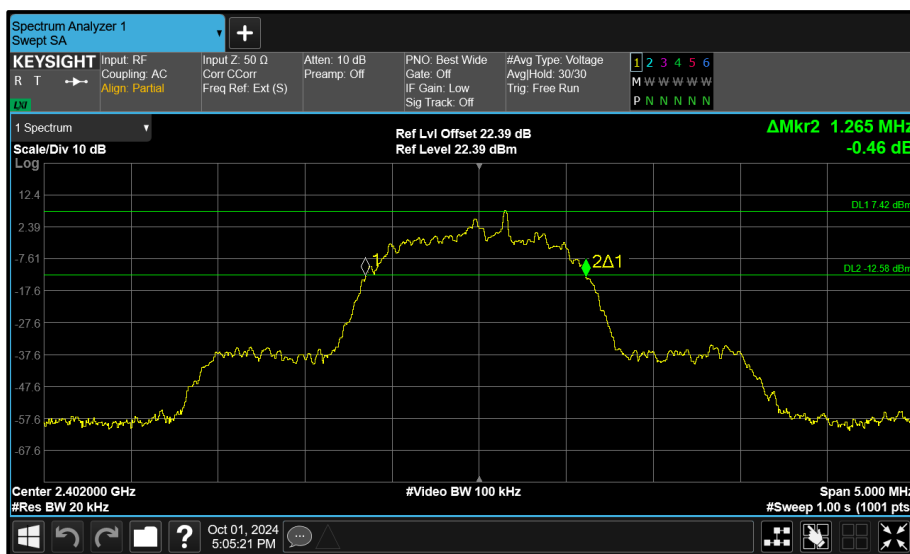


Figure 137 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

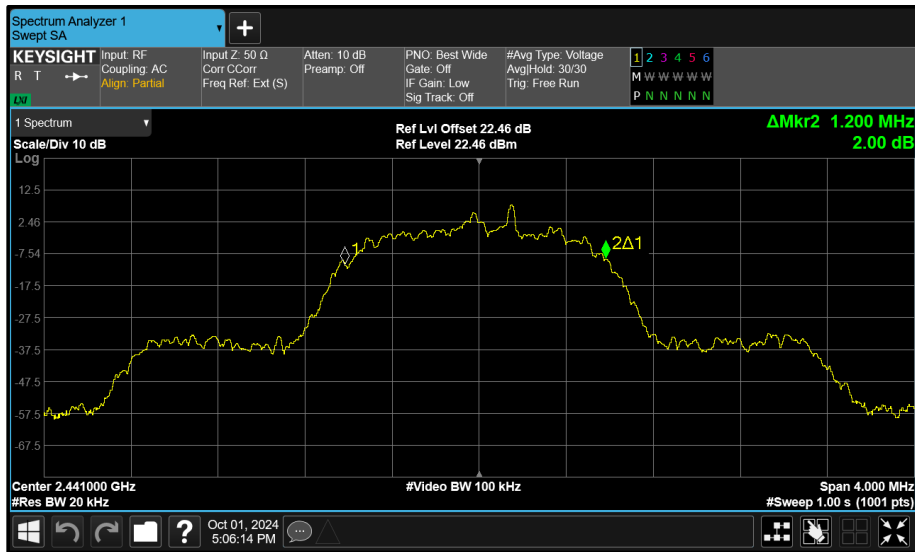


Figure 138 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

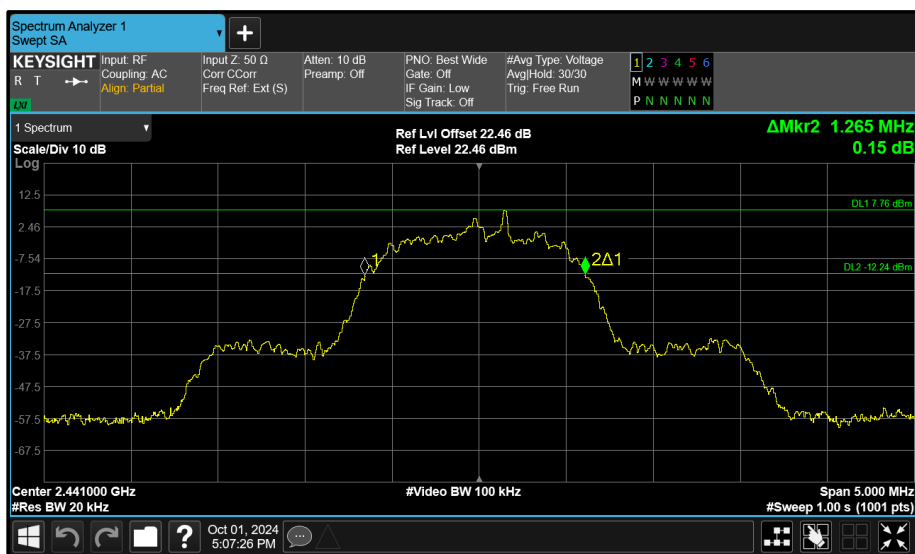


Figure 139 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

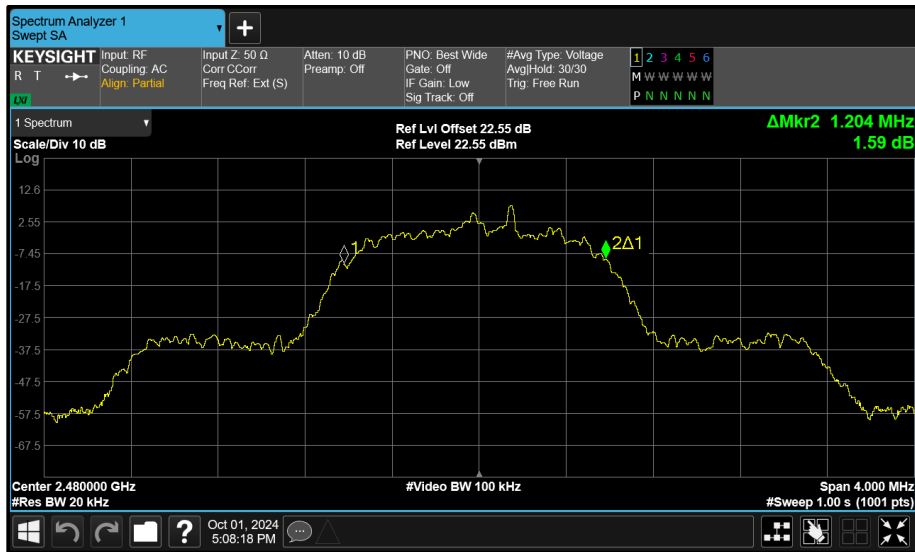


Figure 140 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

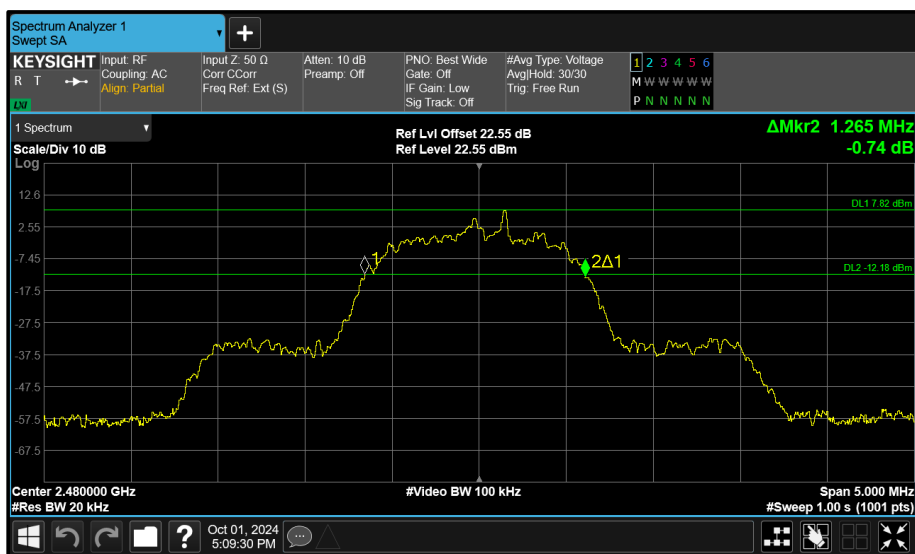


Figure 141 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(1)	Test Method(s):	C63.10 6.9.2 C63.10 6.9.3
Additional Reference(s):	-		

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

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	0.855	-	-	-
2441	0.855	-	-	-
2480	0.855	-	-	-

**Table 75 - 20 dB Bandwidth Results**

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	0.855	-	-	-	-
2441	0.858	-	-	-	-
2480	0.858	-	-	-	-

**Table 76 - 99% Bandwidth Results**



Figure 142 - Core 2 (A) 2402 MHz (CH0) 99% Bandwidth

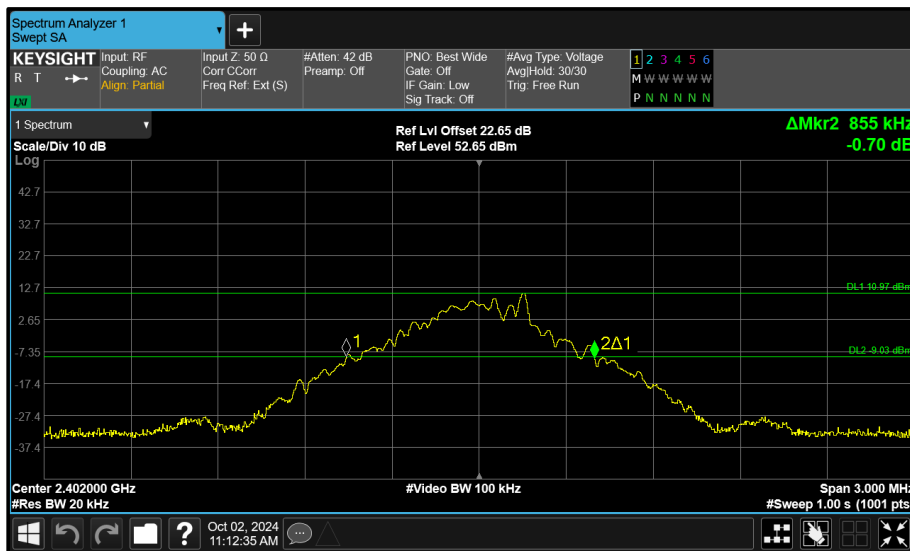


Figure 143 - Core 2 (A) 2402 MHz (CH0) 20 dB Bandwidth

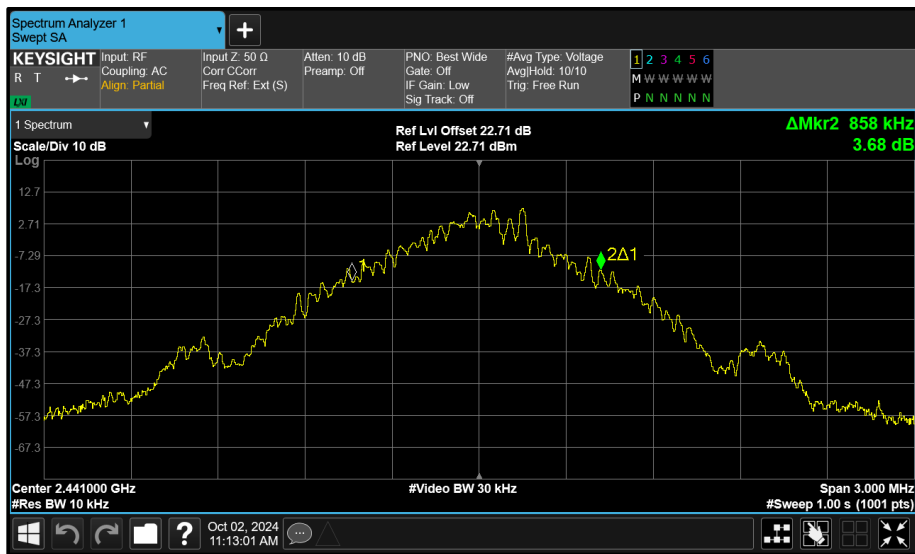


Figure 144 - Core 2 (A) 2441 MHz (CH39) 99% Bandwidth

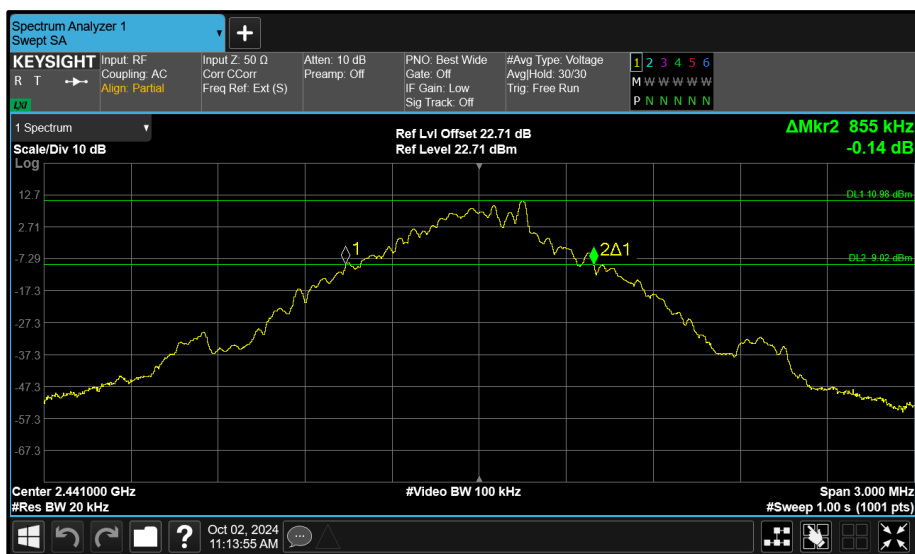


Figure 145 - Core 2 (A) 2441 MHz (CH39) 20 dB Bandwidth



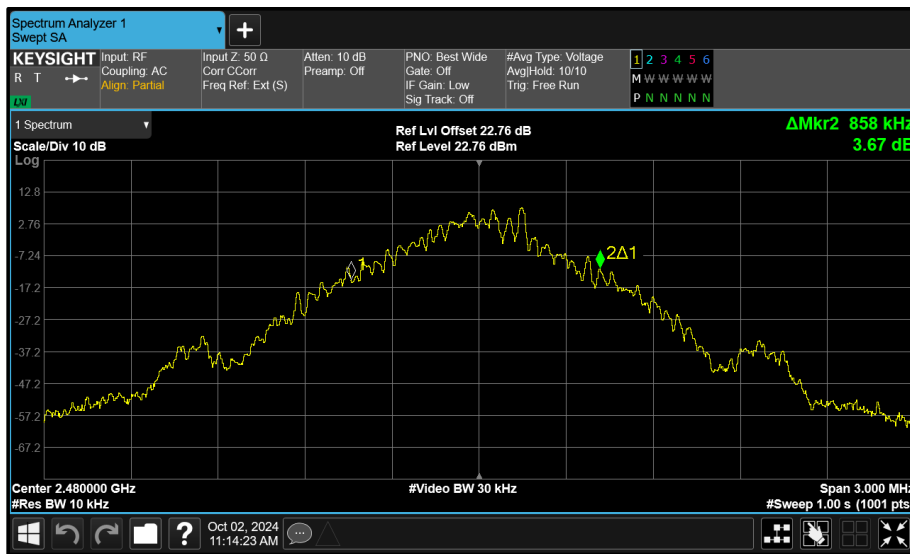


Figure 146 - Core 2 (A) 2480 MHz (CH78) 99% Bandwidth

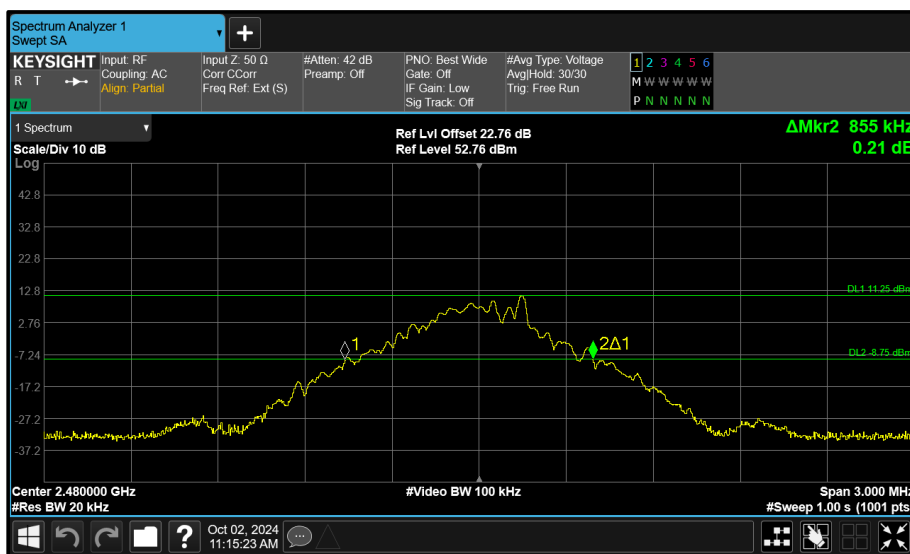


Figure 147 - Core 2 (A) 2480 MHz (CH78) 20 dB Bandwidth



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(1)	Test Method(s):	C63.10 6.9.2 C63.10 6.9.3
Additional Reference(s):	-		

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

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	1.330	-	-	-
2441	1.325	-	-	-
2480	1.330	-	-	-

**Table 77 - 20 dB Bandwidth Results**

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.188	-	-	-	-
2441	1.188	-	-	-	-
2480	1.188	-	-	-	-

**Table 78 - 99% Bandwidth Results**