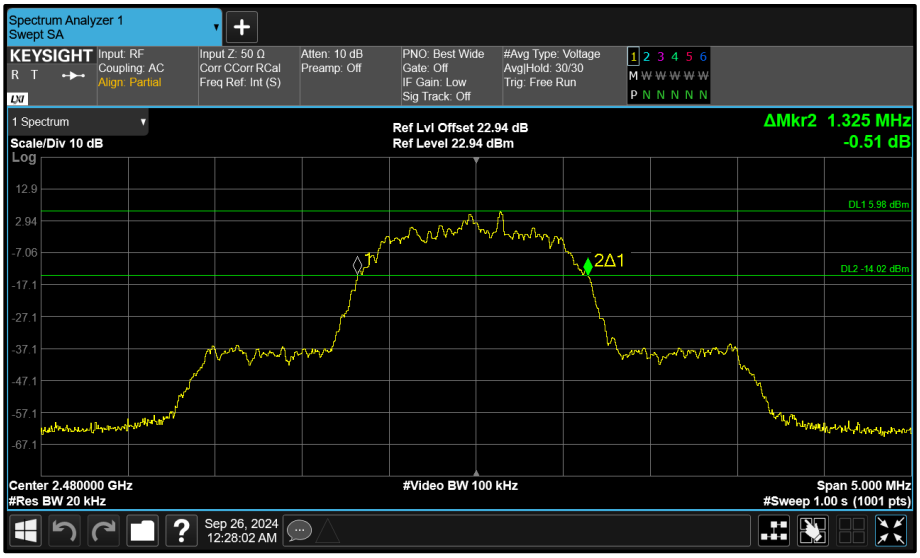

Figure 140 - Core 2 (C) 2480 MHz (CH78) 20 dB Bandwidth

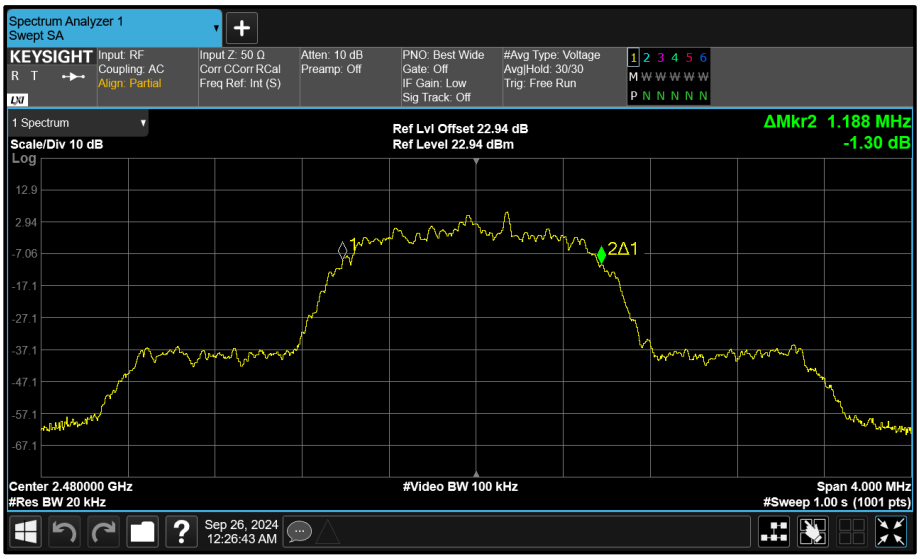

Figure 141 - Core 2 (C) 2480 MHz (CH78) 99% Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247 (a)(1) RSS-247 5.1	Test Method(s):	C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 8-DPSK (3-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	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 69 - 20 dB Bandwidth Results

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

Table 70 - 99% Bandwidth Results

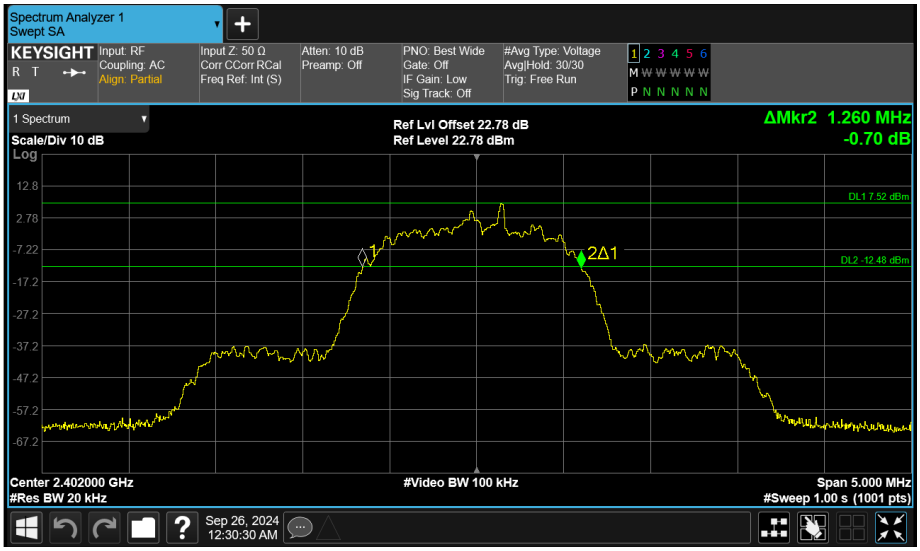

Figure 142 - Core 2 (C) 2402 MHz (CH0) 20 dB Bandwidth

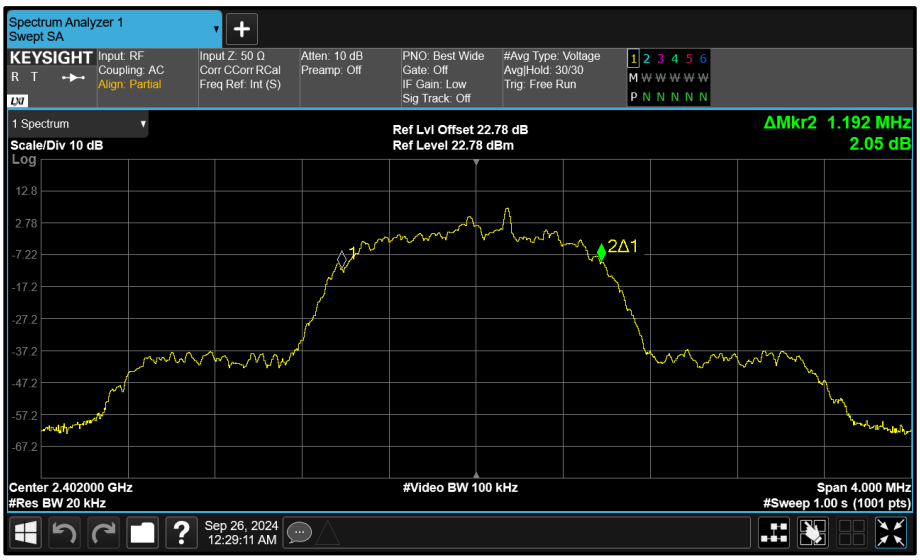

Figure 143 - Core 2 (C) 2402 MHz (CH0) 99% Bandwidth

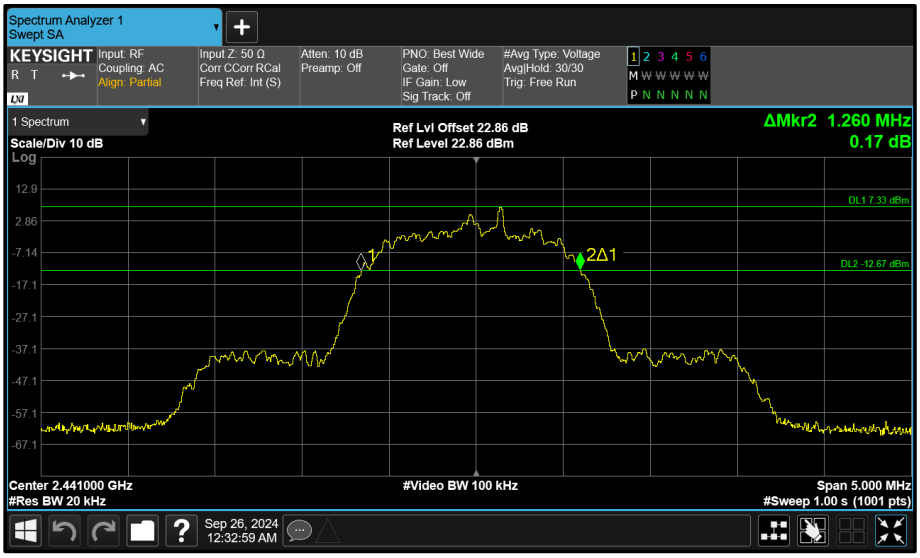

Figure 144 - Core 2 (C) 2441 MHz (CH39) 20 dB Bandwidth

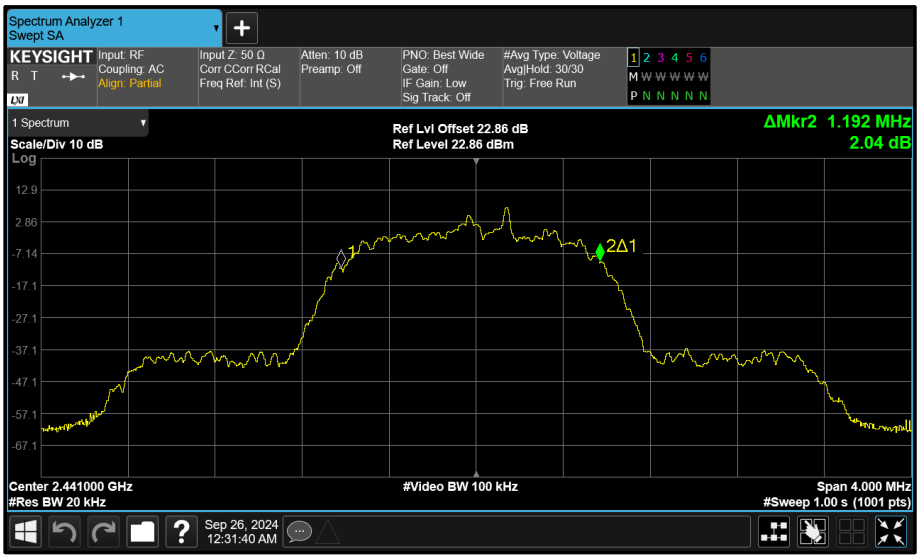

Figure 145 - Core 2 (C) 2441 MHz (CH39) 99% Bandwidth

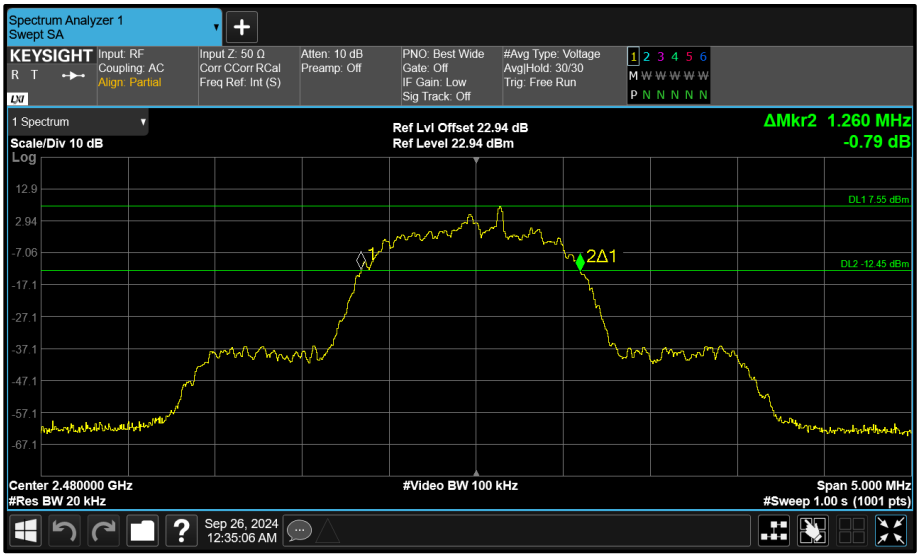

Figure 146 - Core 2 (C) 2480 MHz (CH78) 20 dB Bandwidth

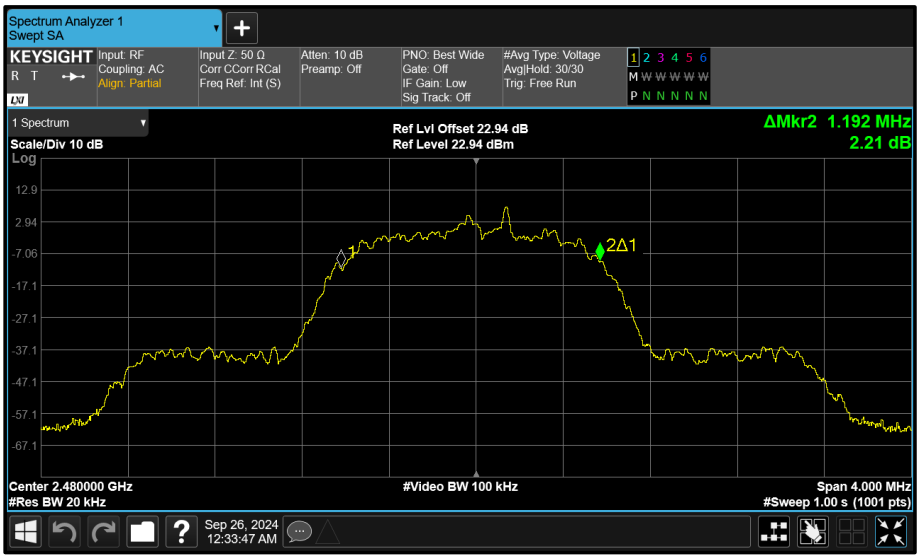

Figure 147 - Core 2 (C) 2480 MHz (CH78) 99% Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247 (a)(1) RSS-247 5.1	Test Method(s):	C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA π/4 DQPSK (2-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	-

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

Table 71 - 20 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.184	-	-	-	-
2441	1.180	-	-	-	-
2480	1.180	-	-	-	-

Table 72 - 99% Bandwidth Results

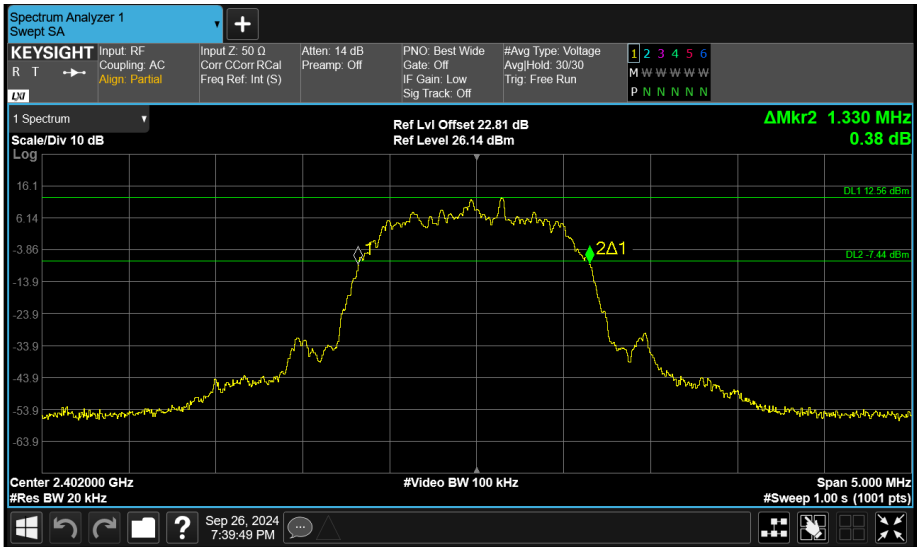

Figure 148 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

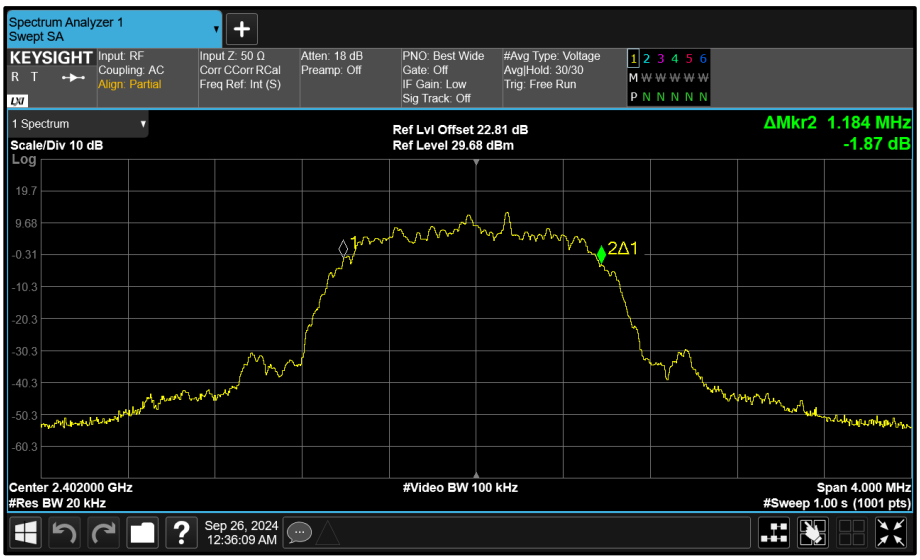

Figure 149 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

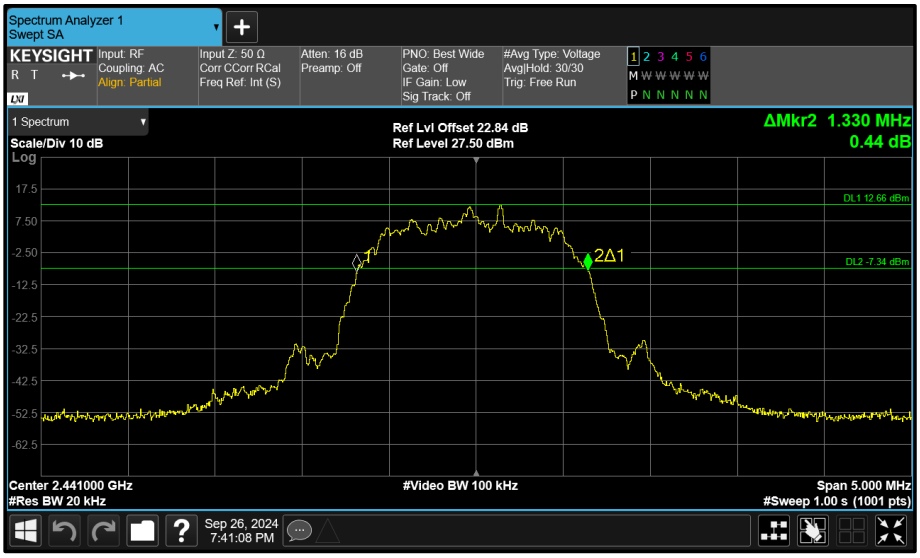

Figure 150 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

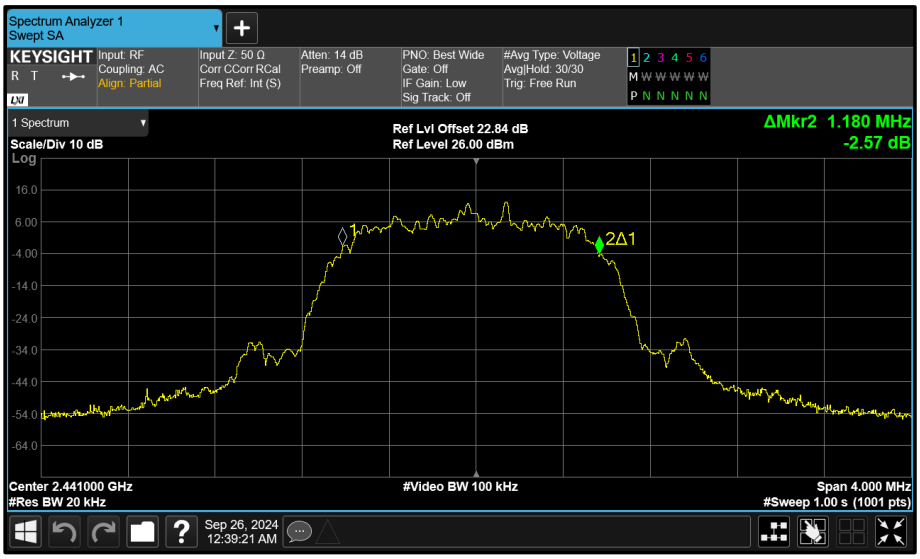

Figure 151 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

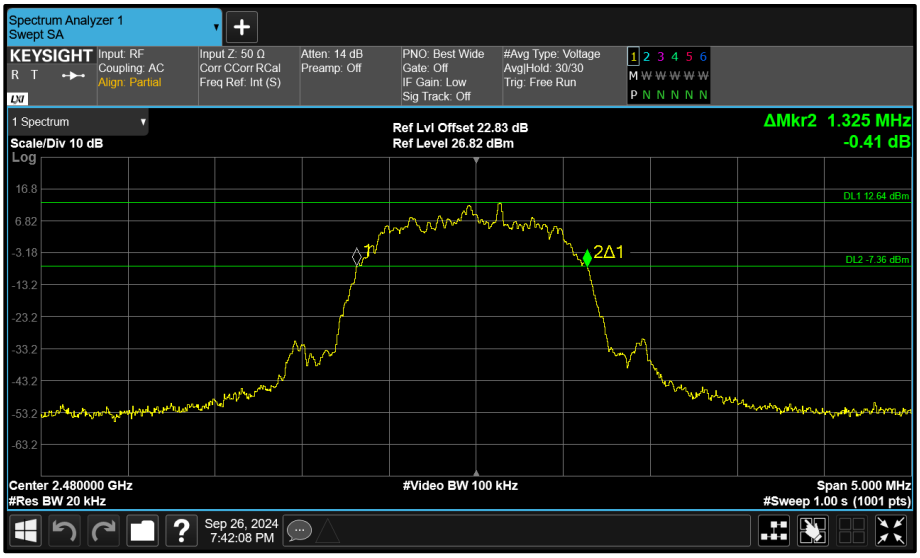

Figure 152 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

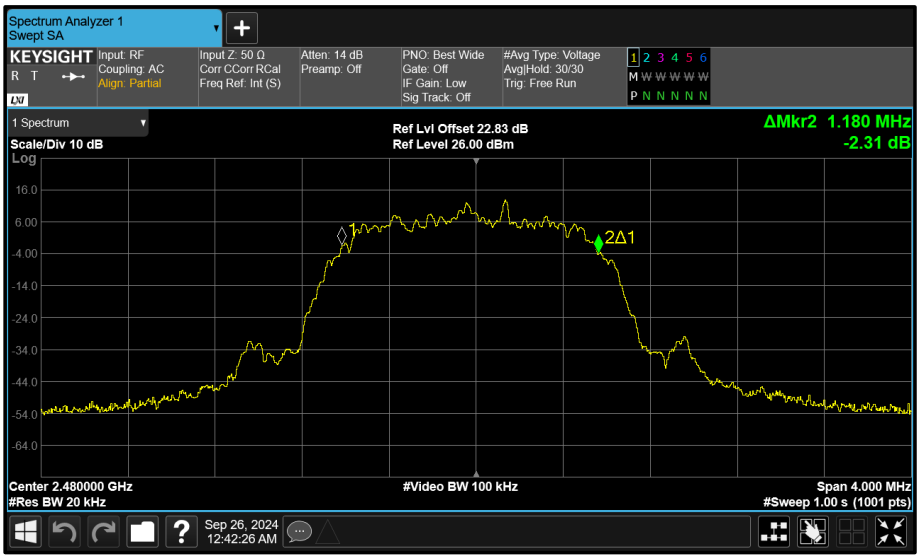

Figure 153 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247 (a)(1) RSS-247 5.1	Test Method(s):	C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA 8-DPSK (3-DH5)	Duty Cycle (%):	-
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	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 73 - 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 74 - 99% Bandwidth Results

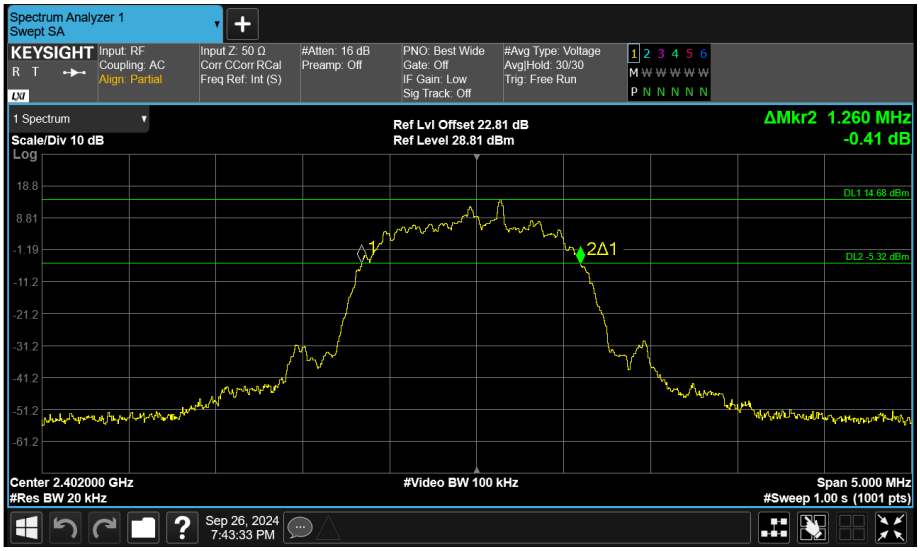

Figure 154 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

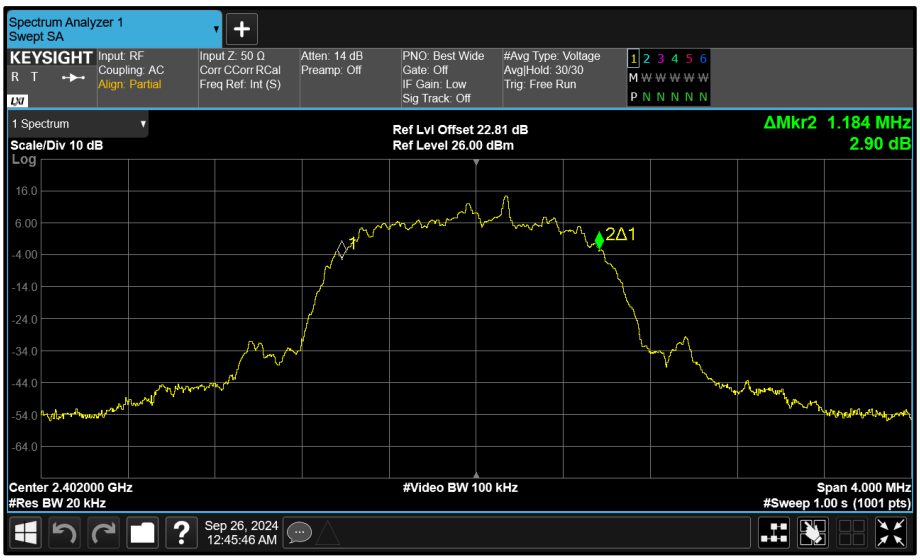

Figure 155 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

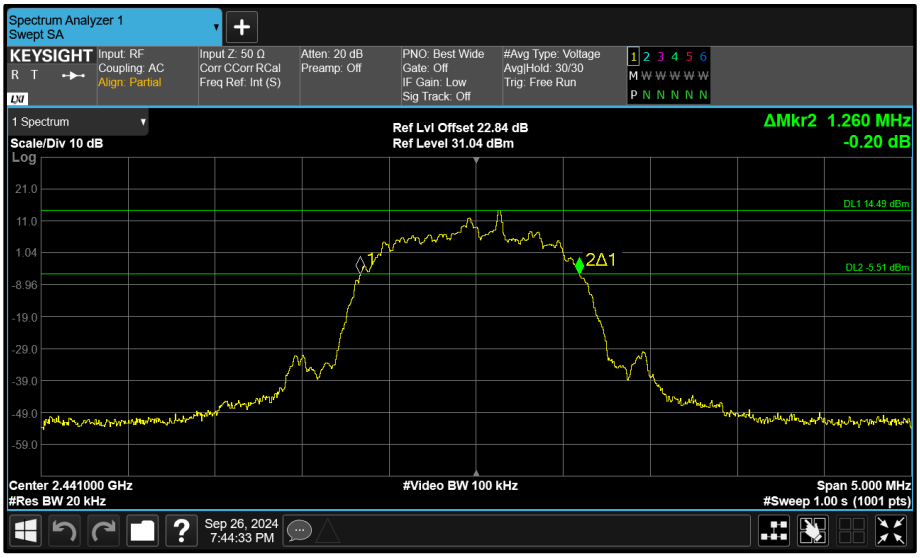

Figure 156 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

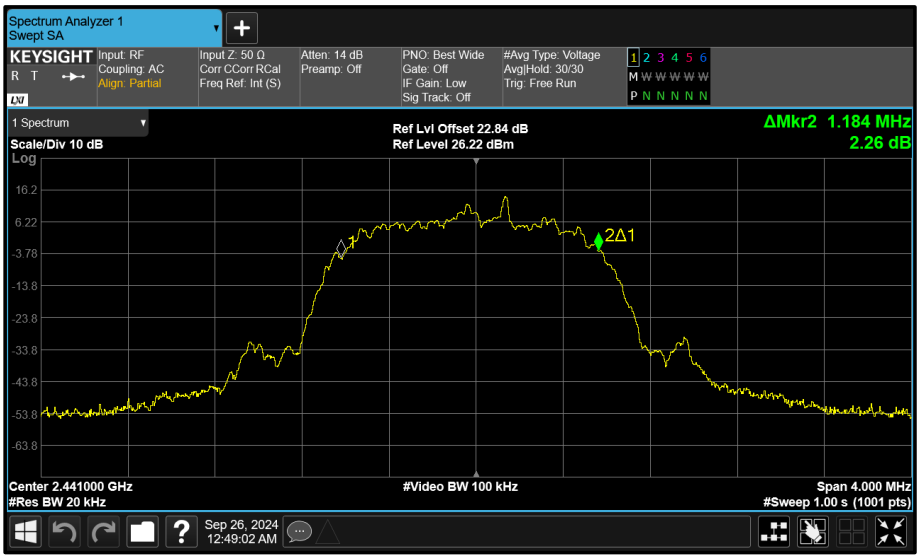

Figure 157 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

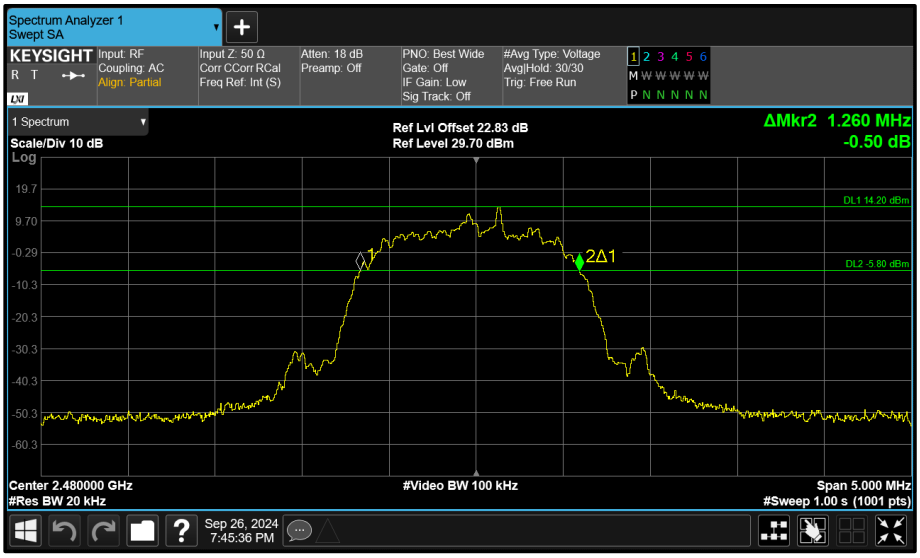

Figure 158 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

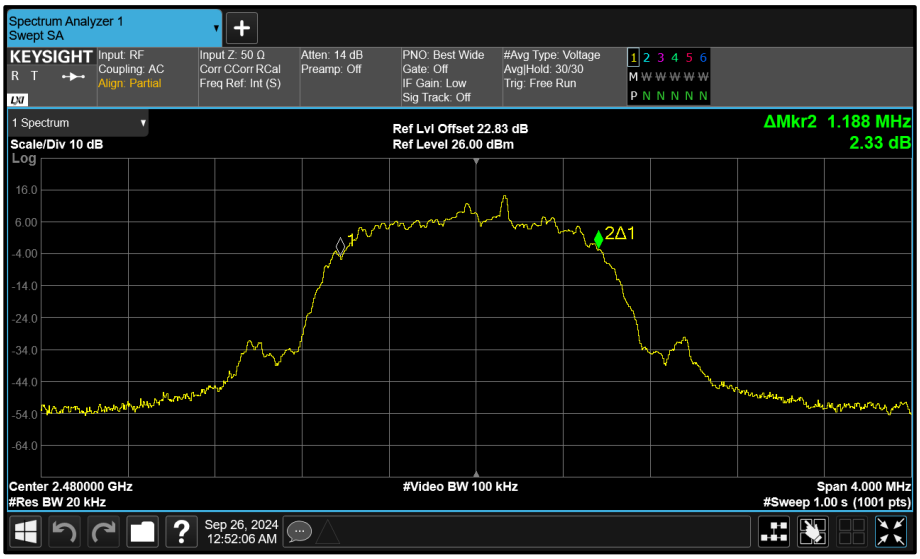

Figure 159 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247 (a)(1) RSS-247 5.1	Test Method(s):	C63.10 6.9.2
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	0.855	0.855	-	-
2480	0.855	0.858	-	-

Table 75 - 20 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	0.855	0.867	-	-	-
2441	0.855	0.864	-	-	-
2480	0.855	0.864	-	-	-

Table 76 - 99% Bandwidth Results

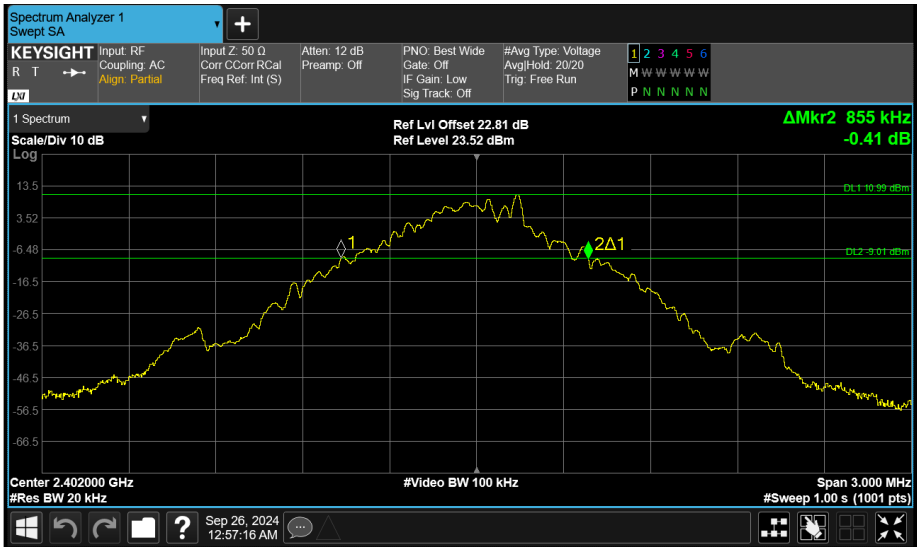

Figure 160 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

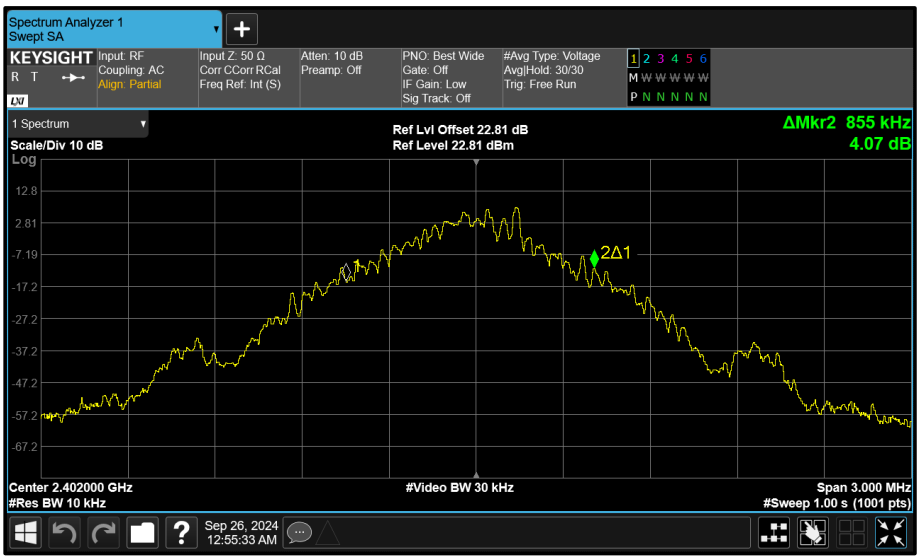

Figure 161 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

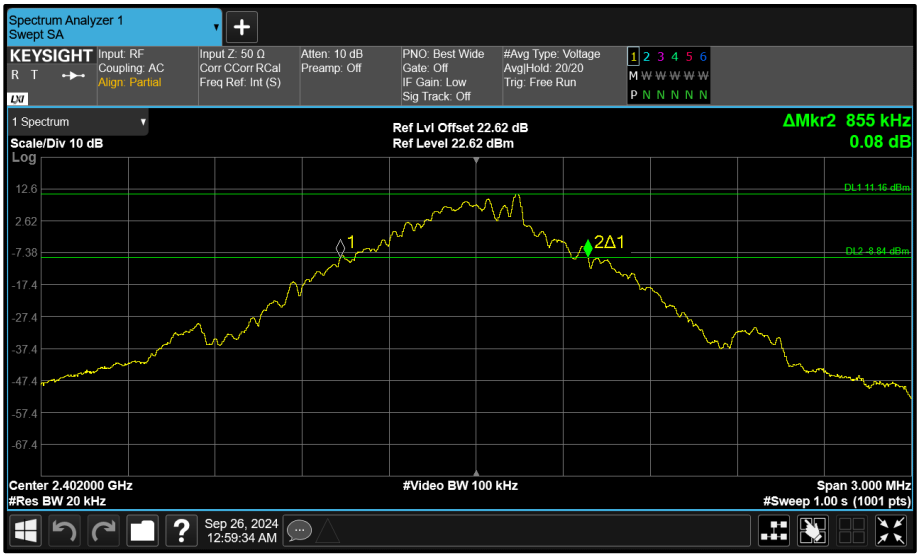

Figure 162 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

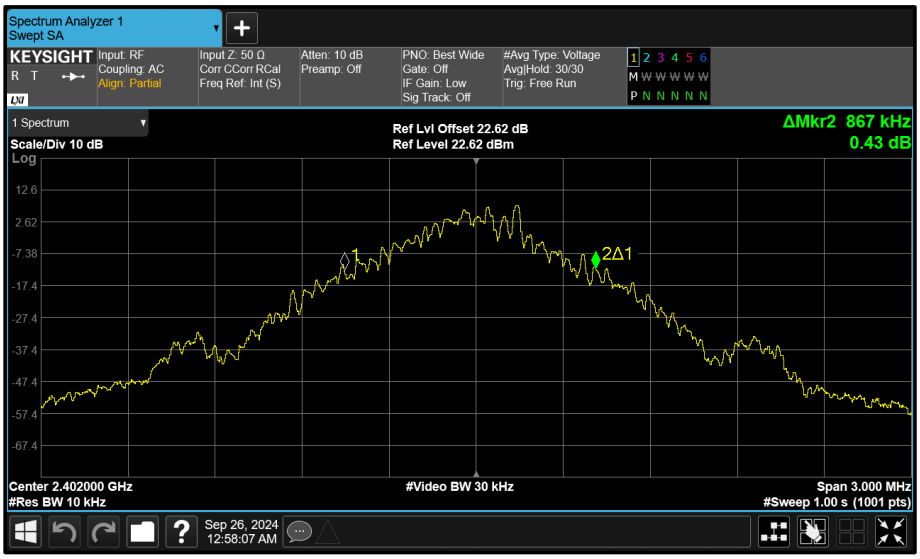

Figure 163 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

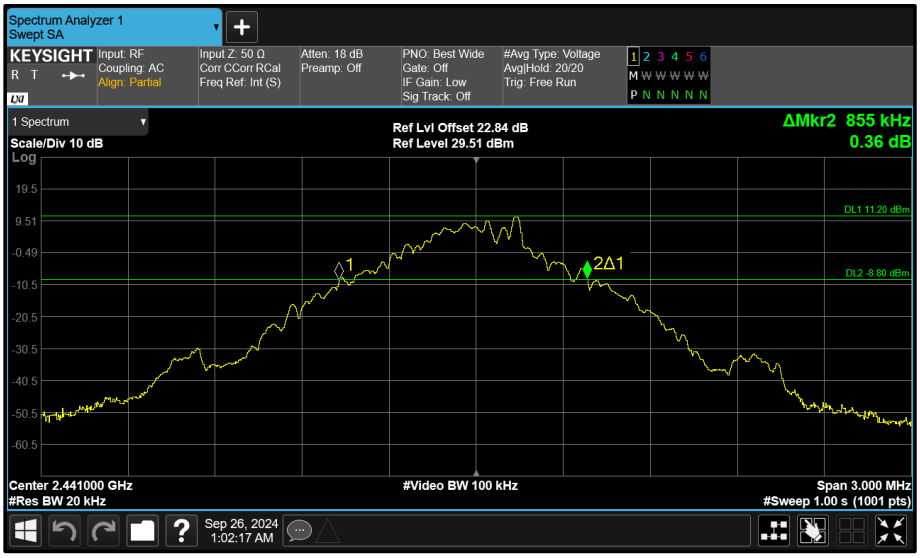

Figure 164 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

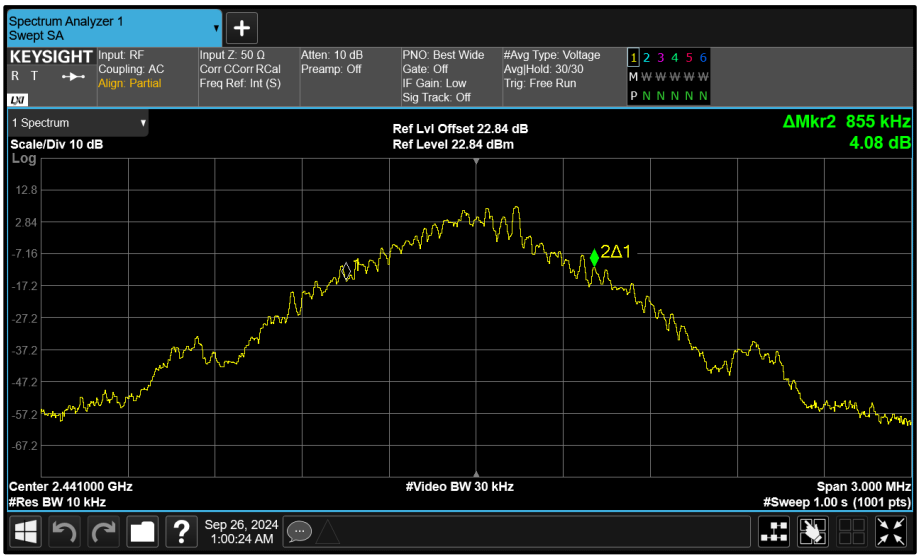

Figure 165 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

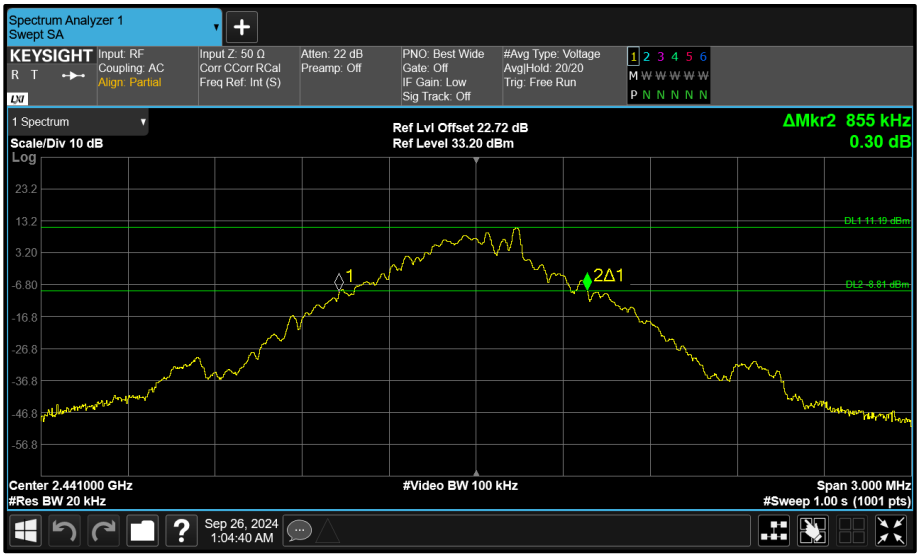

Figure 166 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

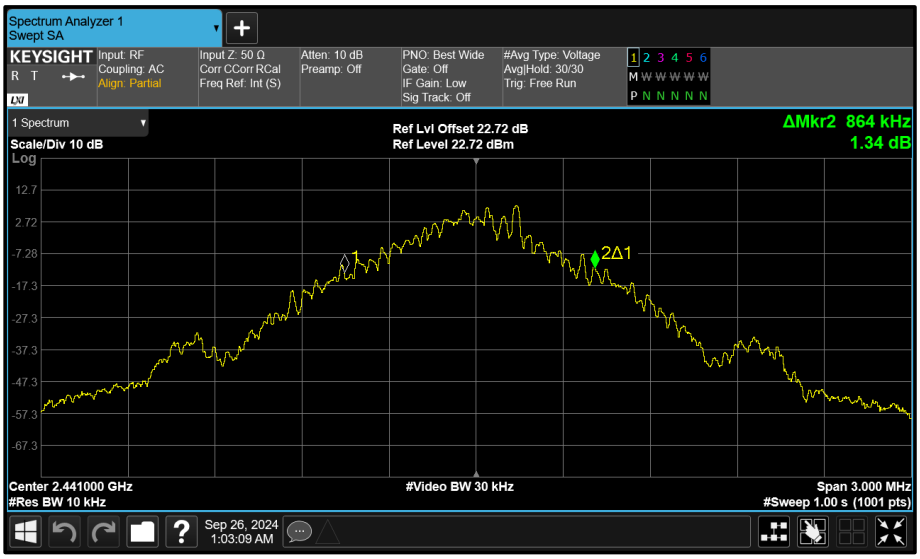

Figure 167 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

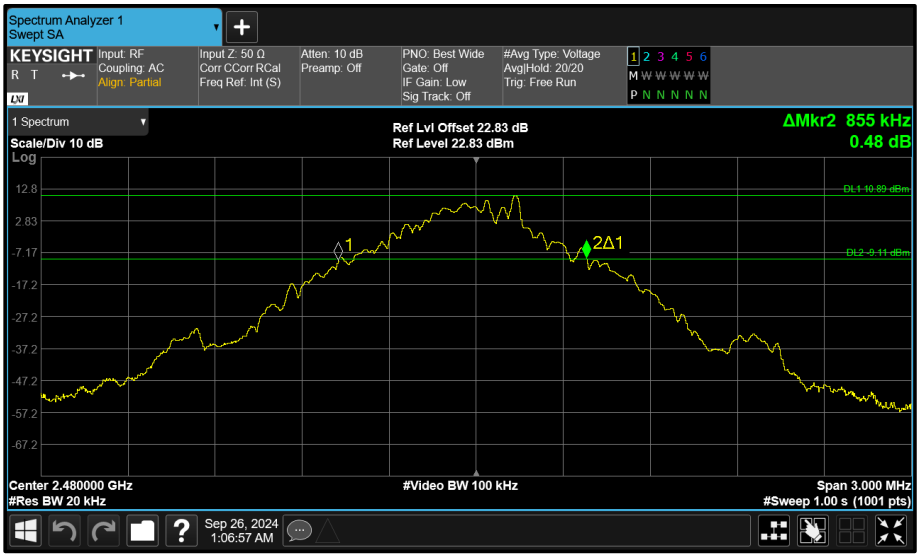

Figure 168 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

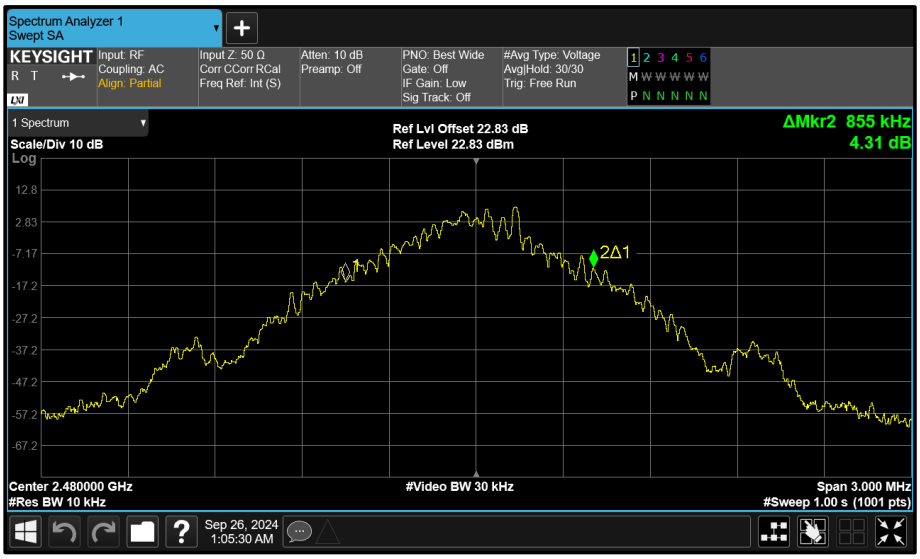

Figure 169 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

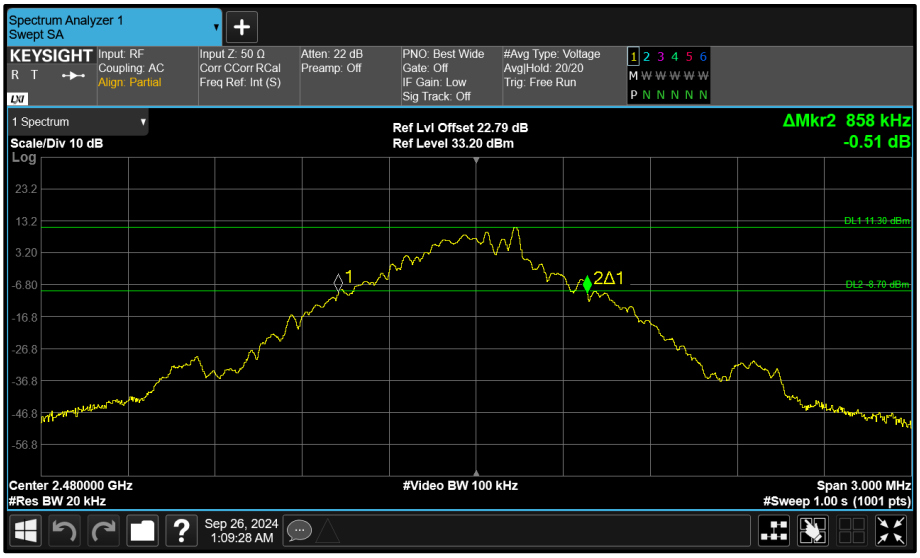

Figure 170 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth

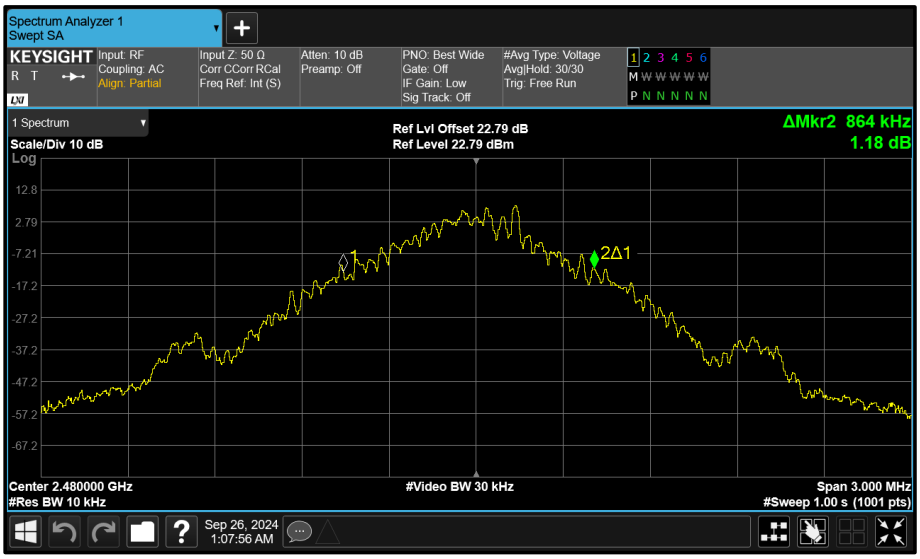

Figure 171 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247 (a)(1) RSS-247 5.1	Test Method(s):	C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA π/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	1.330	1.325	-	-
2441	1.325	1.325	-	-
2480	1.330	1.325	-	-

Table 77 - 20 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.184	1.188	-	-	-
2441	1.188	1.188	-	-	-
2480	1.184	1.192	-	-	-

Table 78 - 99% Bandwidth Results

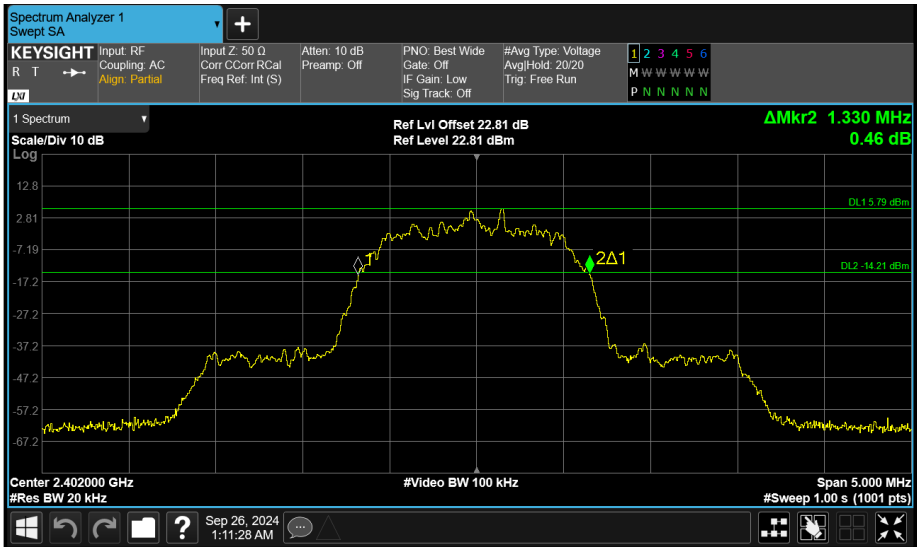

Figure 172 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

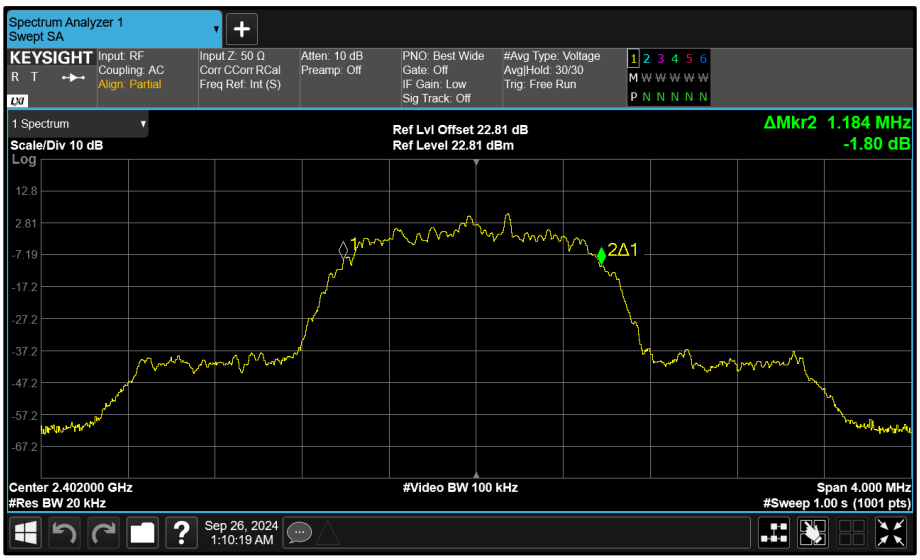

Figure 173 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

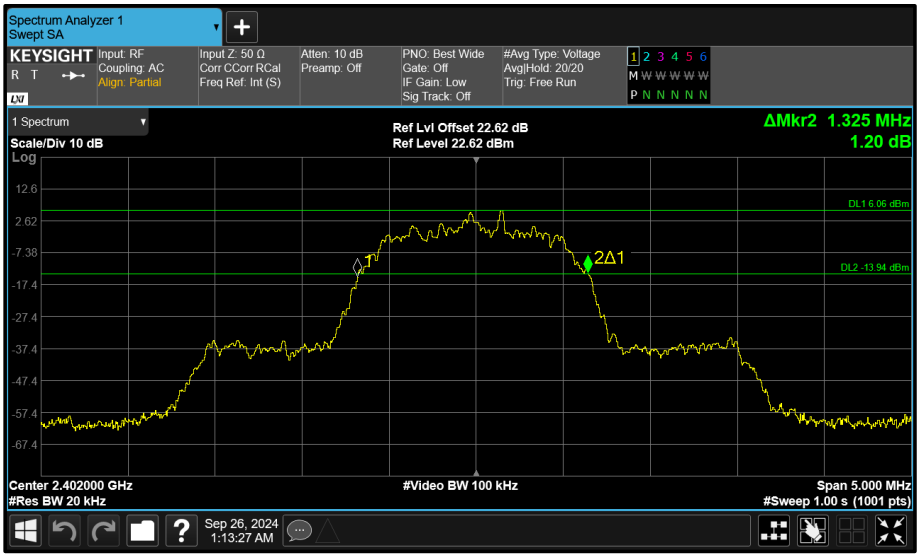

Figure 174 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

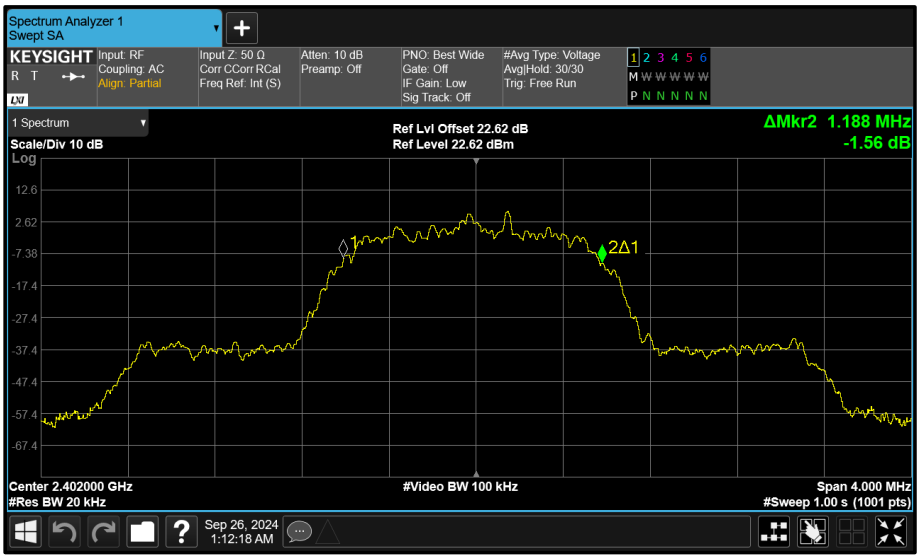

Figure 175 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

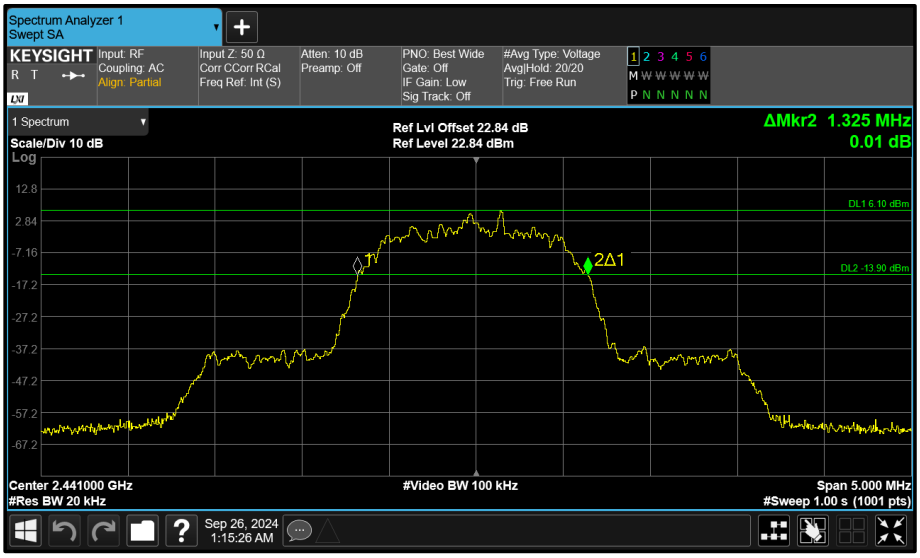

Figure 176 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

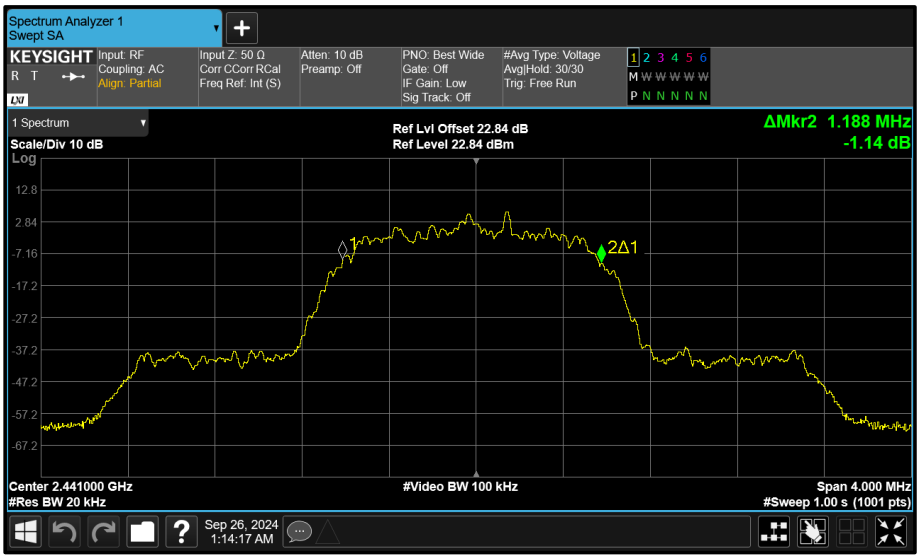

Figure 177 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

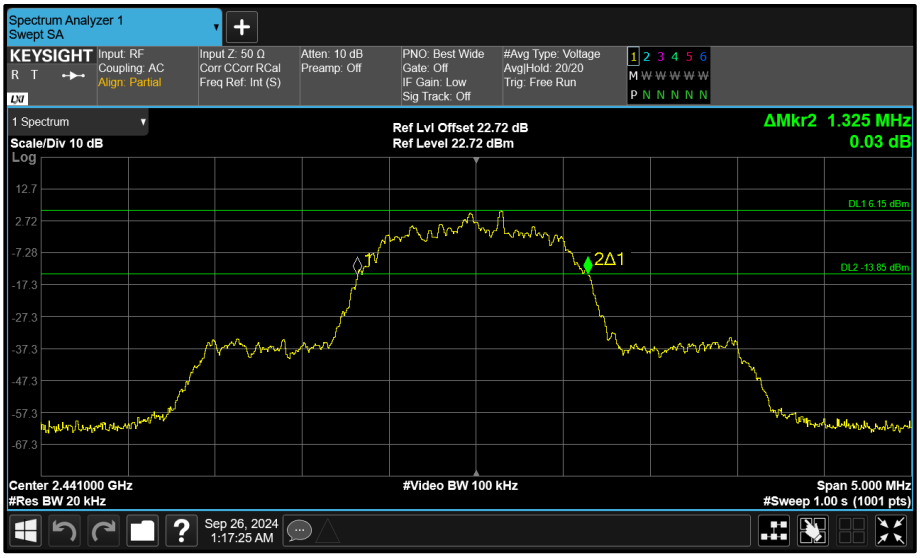

Figure 178 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

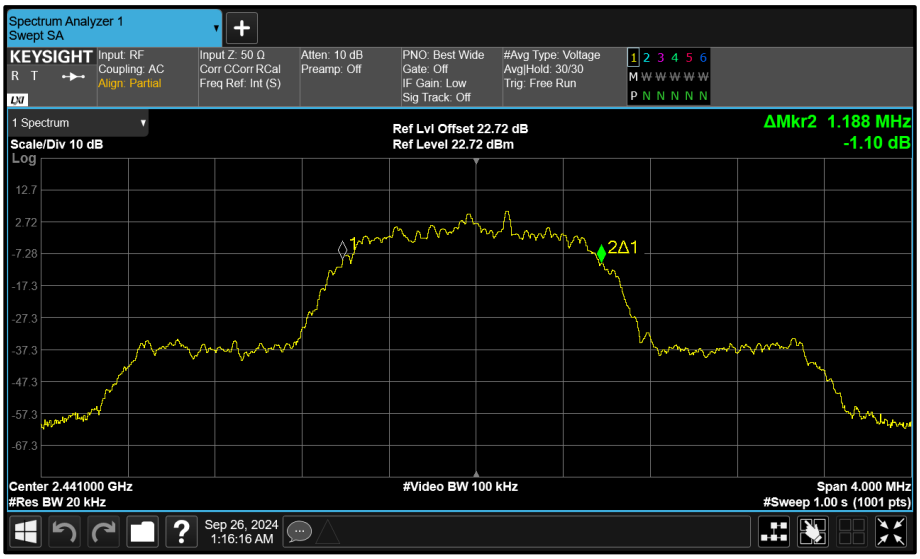

Figure 179 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

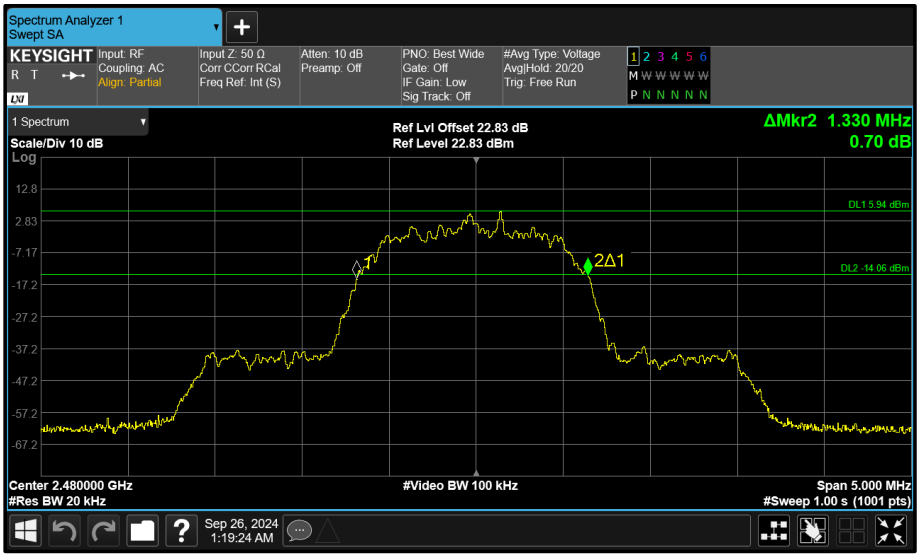

Figure 180 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

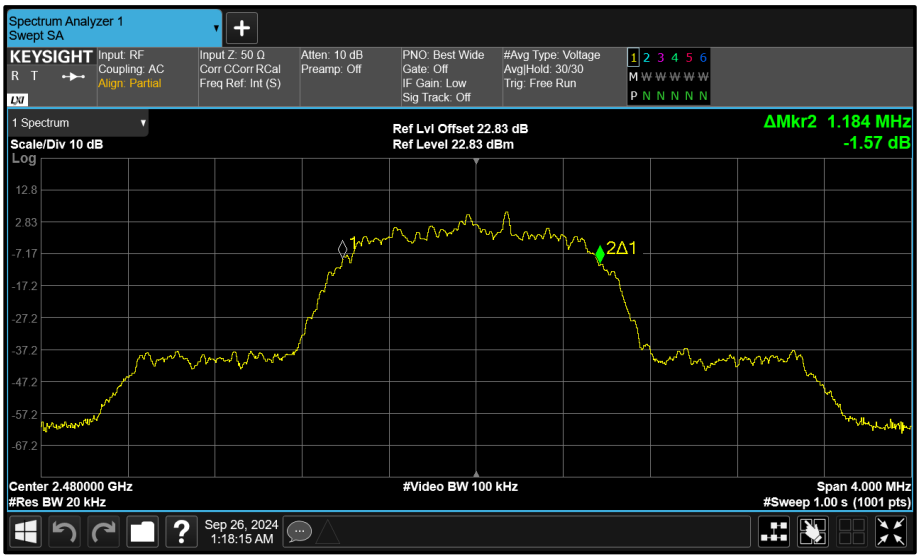

Figure 181 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

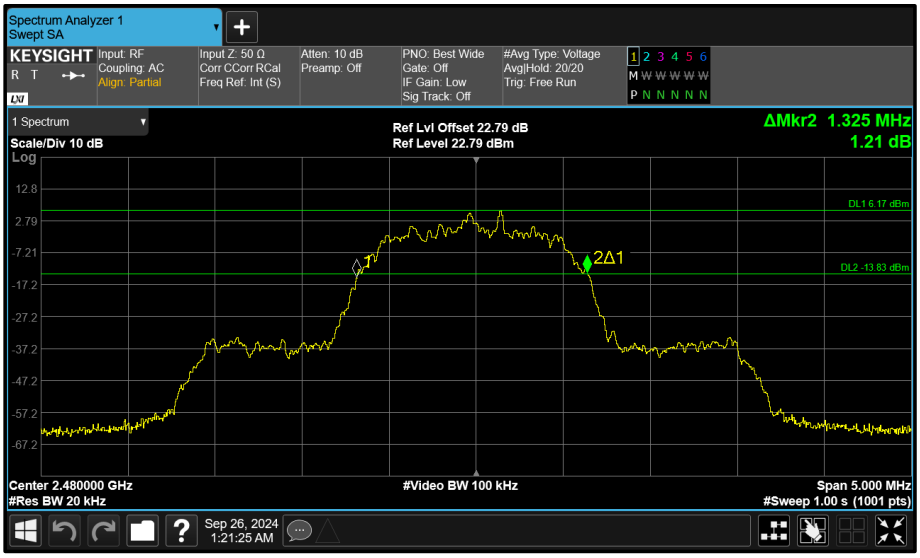

Figure 182 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth

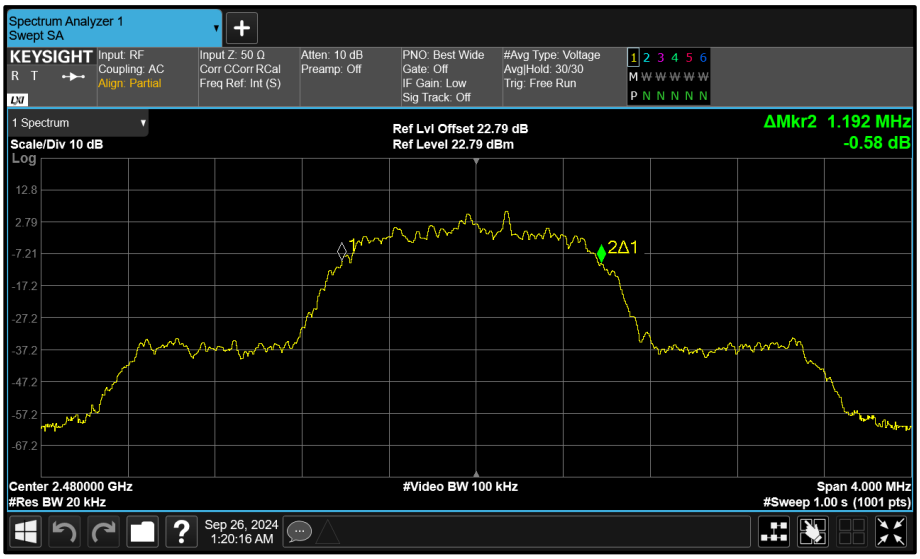

Figure 183 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247 (a)(1) RSS-247 5.1	Test Method(s):	C63.10 6.9.2
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):	-

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	1.260	1.265	-	-
2441	1.260	1.260	-	-
2480	1.265	1.265	-	-

Table 79 - 20 dB Bandwidth Results

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

Table 80 - 99% Bandwidth Results

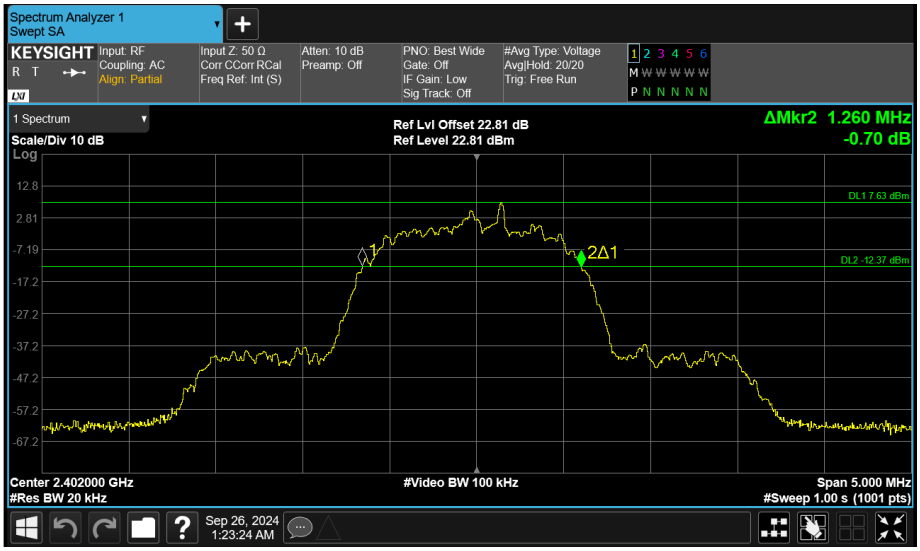

Figure 184 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

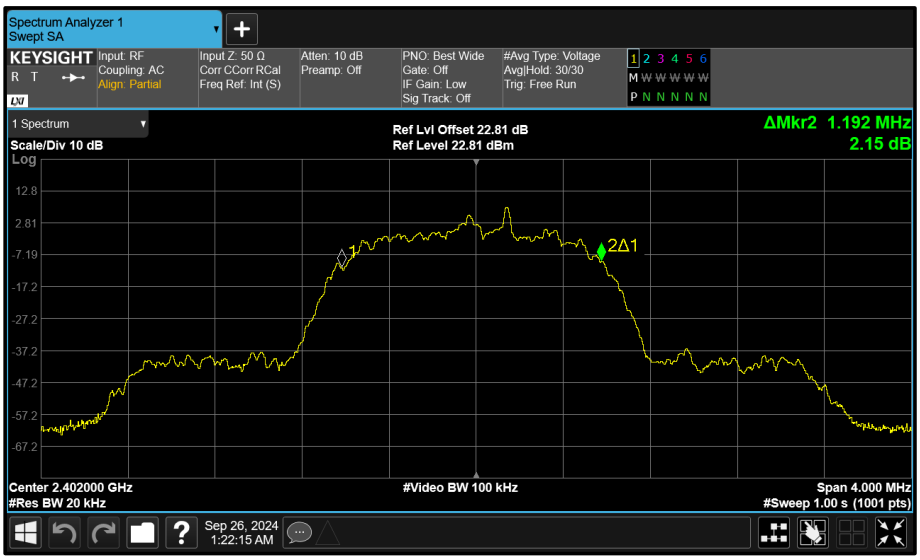

Figure 185 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

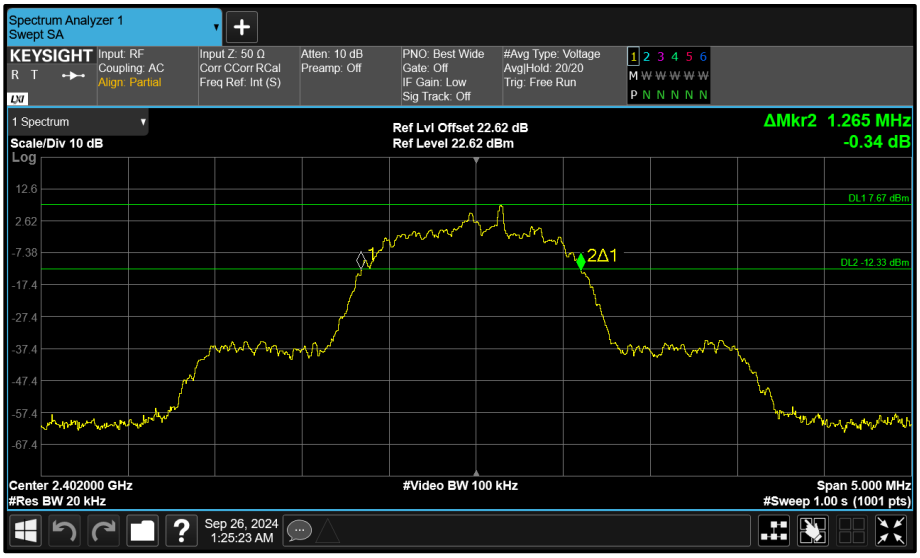

Figure 186 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

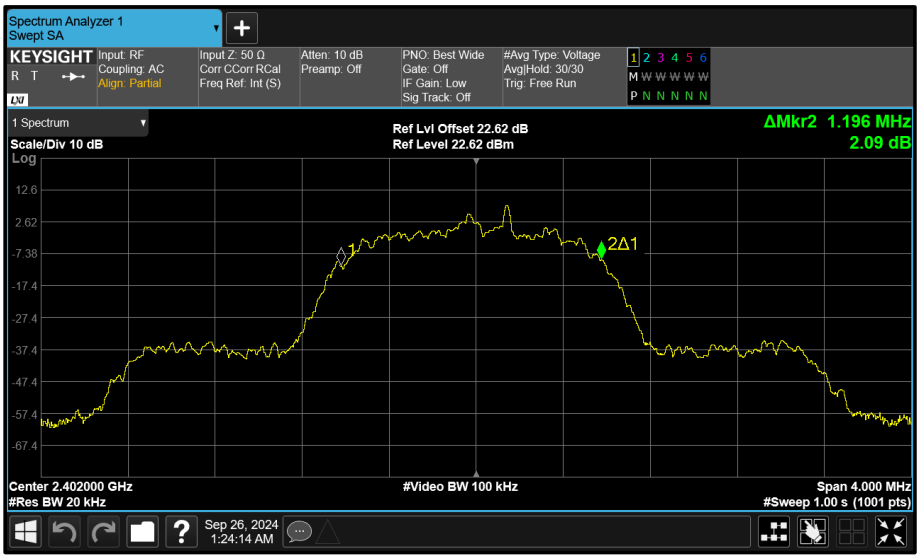

Figure 187 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

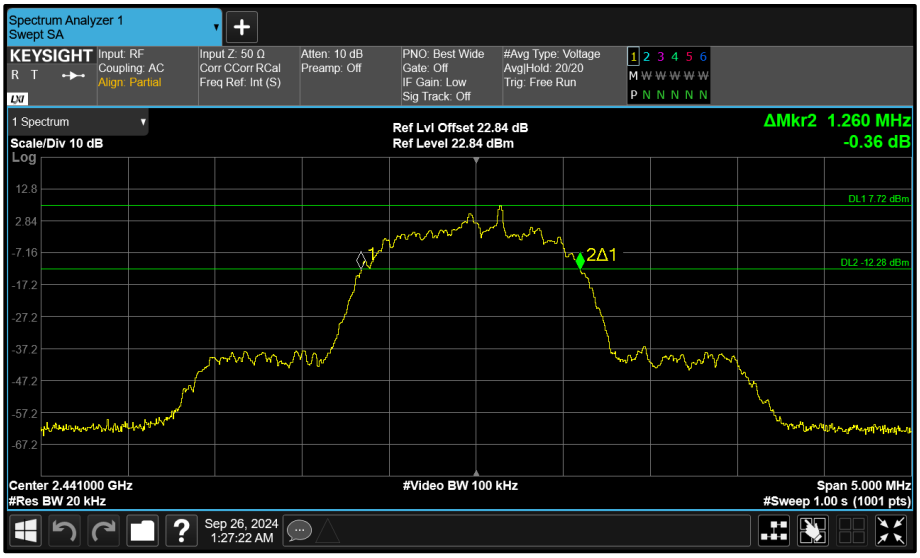

Figure 188 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

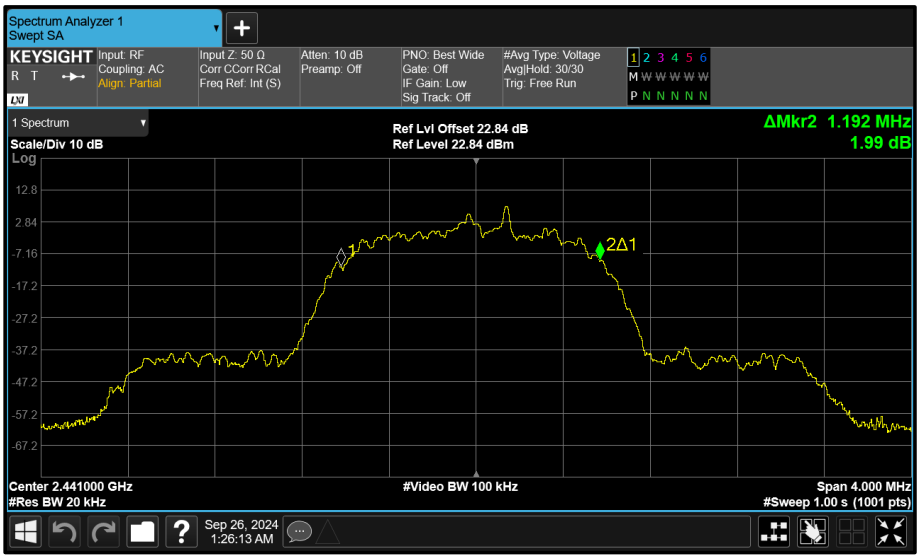

Figure 189 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

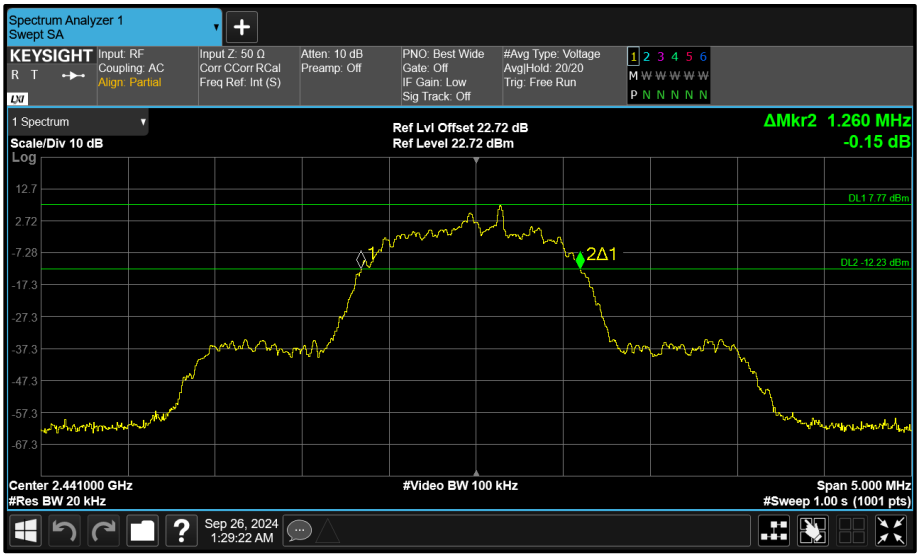

Figure 190 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

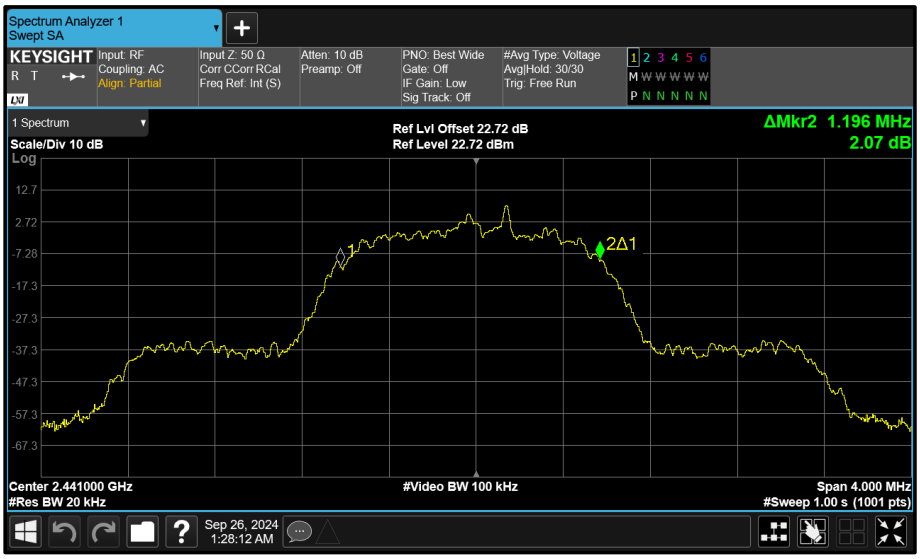

Figure 191 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

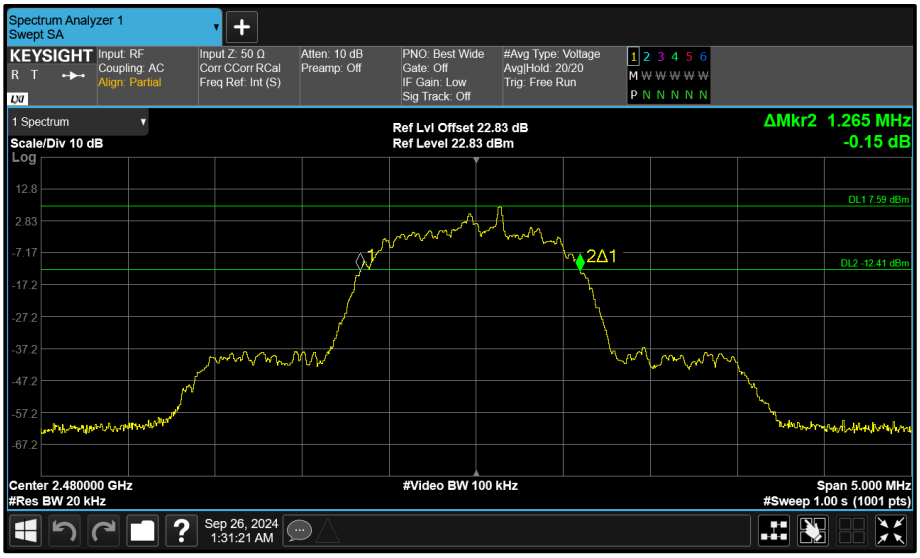

Figure 192 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

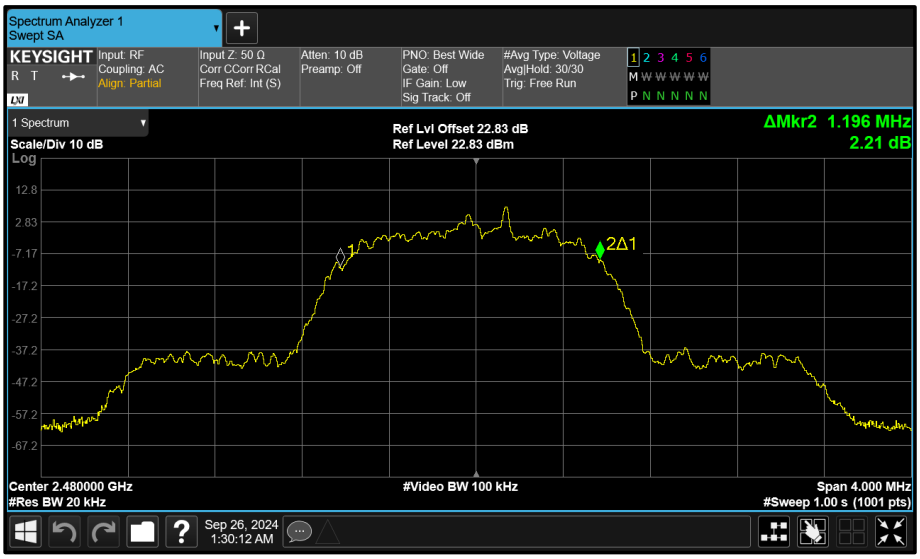

Figure 193 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

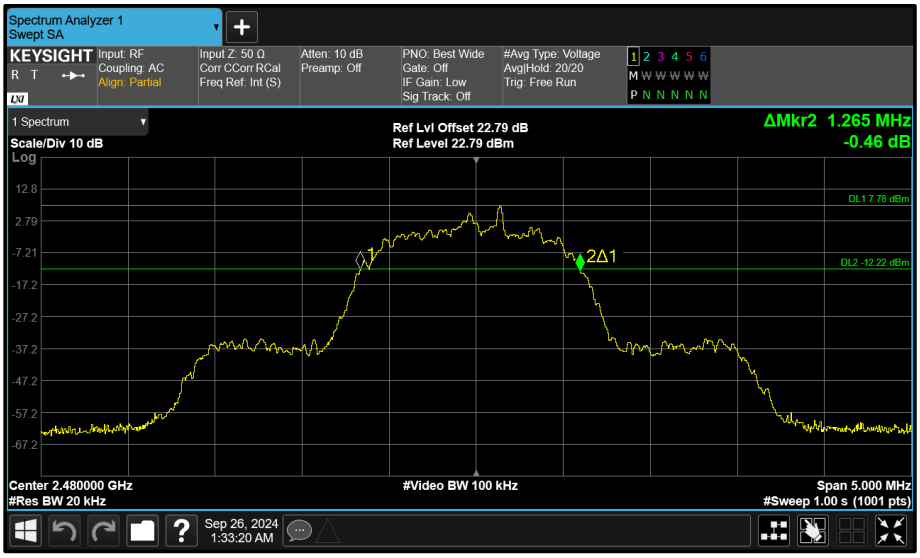

Figure 194 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth

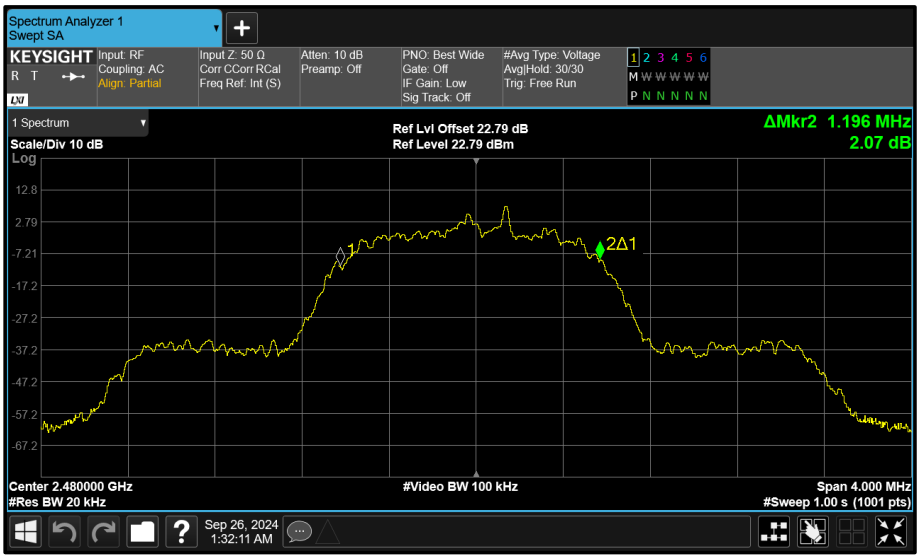

Figure 195 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247 (a)(1) RSS-247 5.1	Test Method(s):	C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA π/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	1.325	-	-
2441	1.325	1.325	-	-
2480	1.330	1.325	-	-

Table 81 - 20 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.184	1.180	-	-	-
2441	1.184	1.184	-	-	-
2480	1.184	1.184	-	-	-

Table 82 - 99% Bandwidth Results

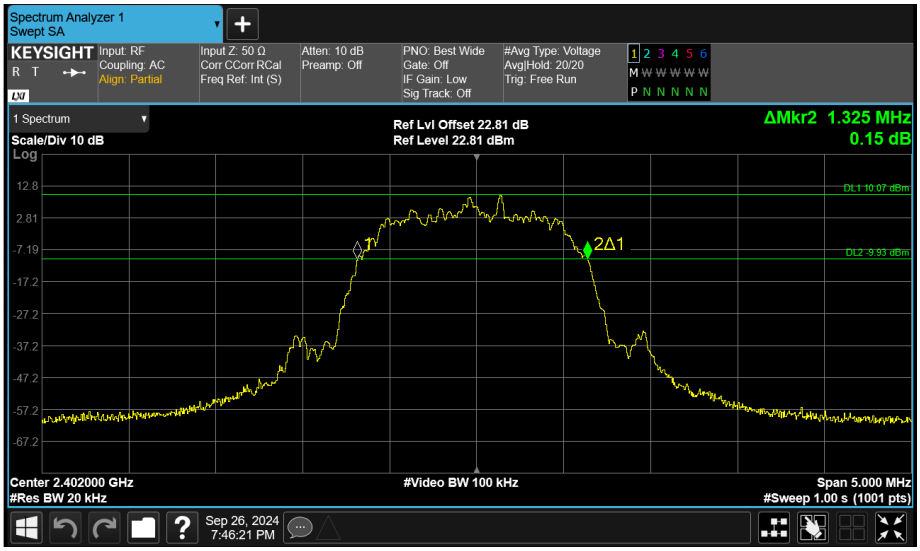

Figure 196 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

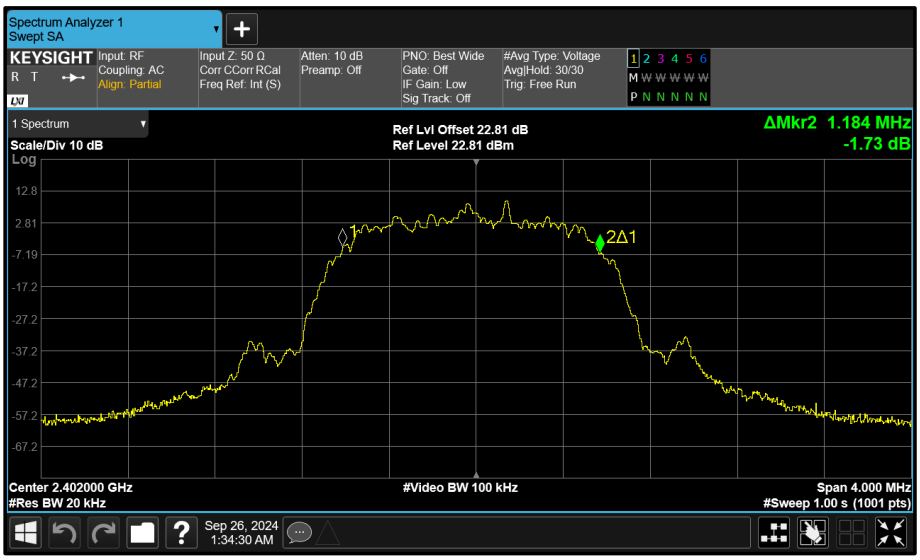

Figure 197 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

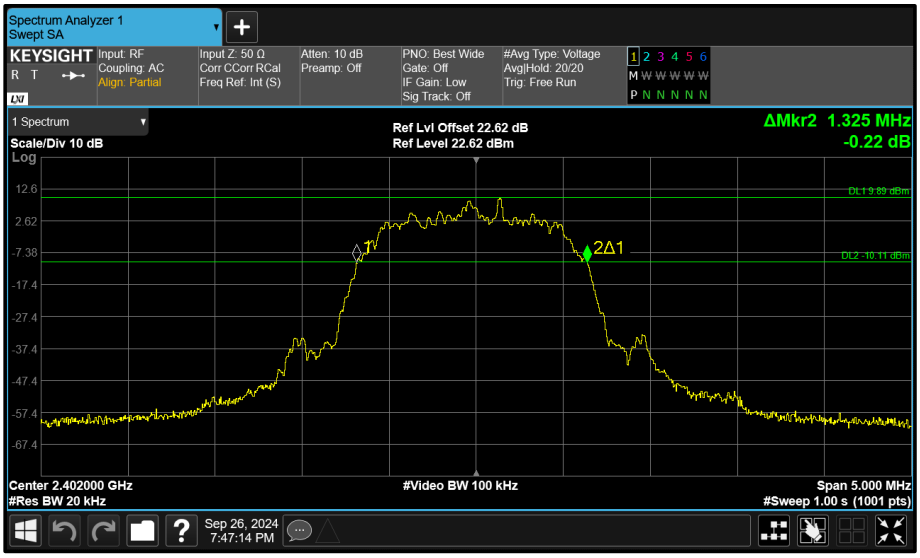

Figure 198 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

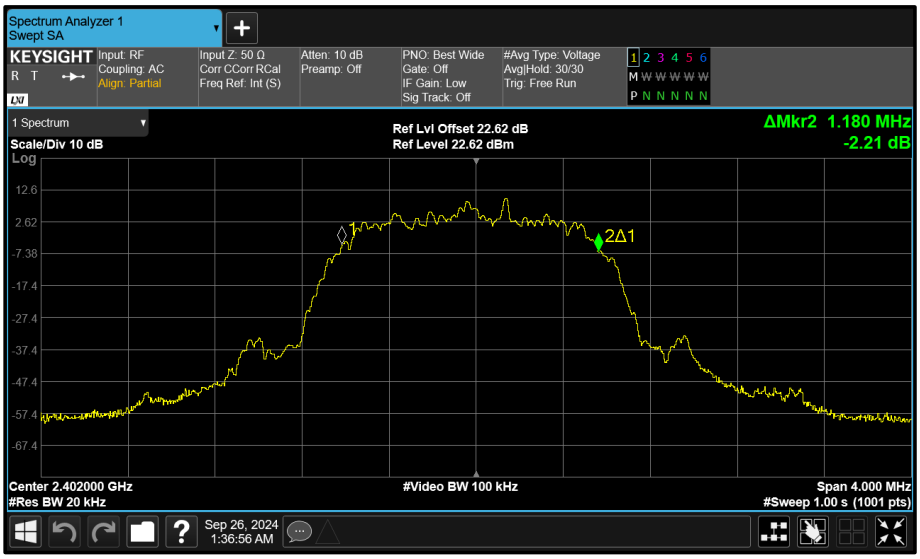

Figure 199 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

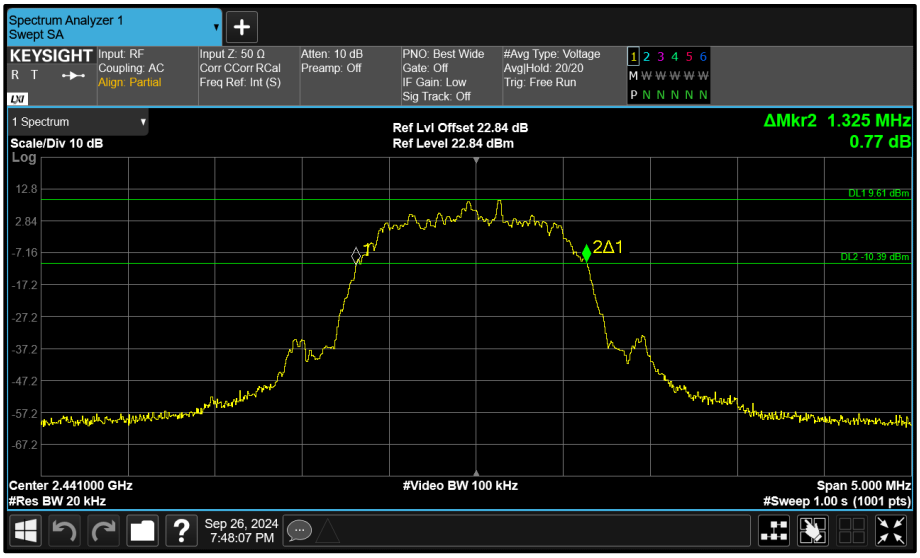

Figure 200 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

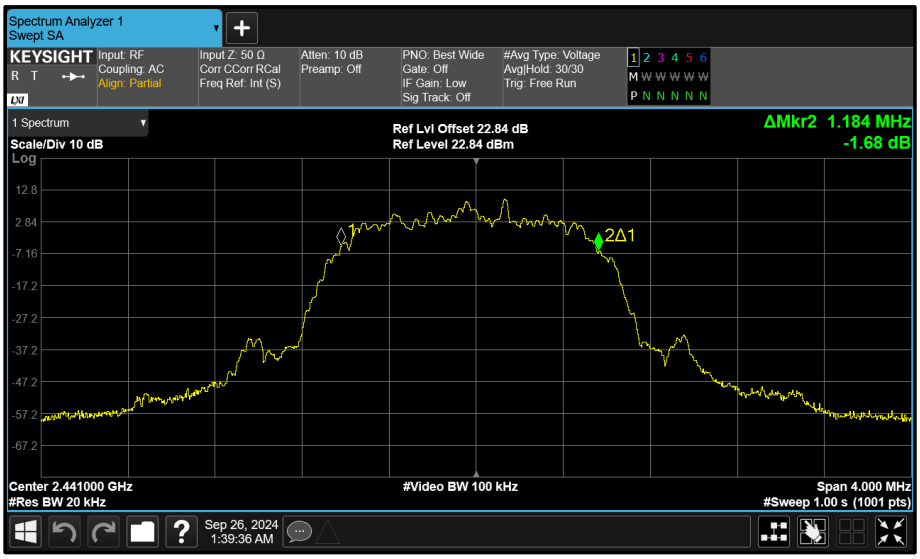

Figure 201 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

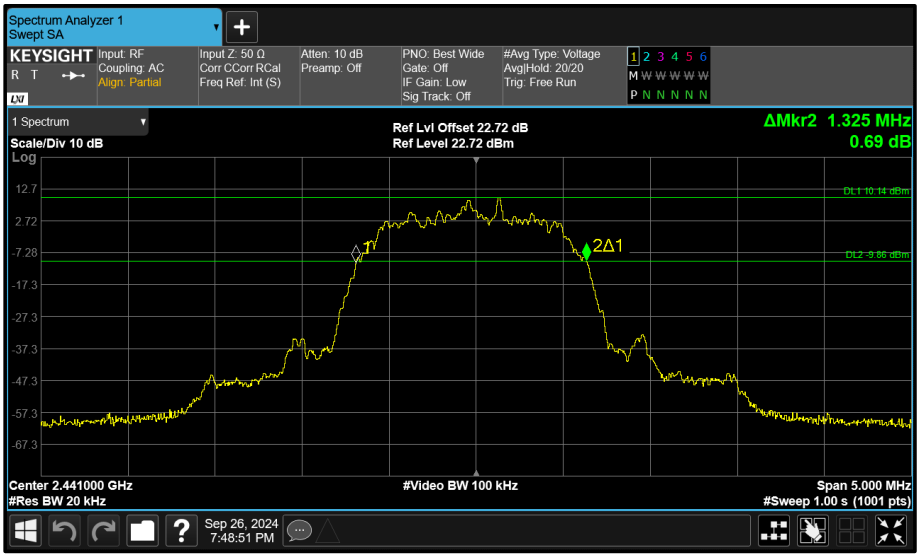

Figure 202 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

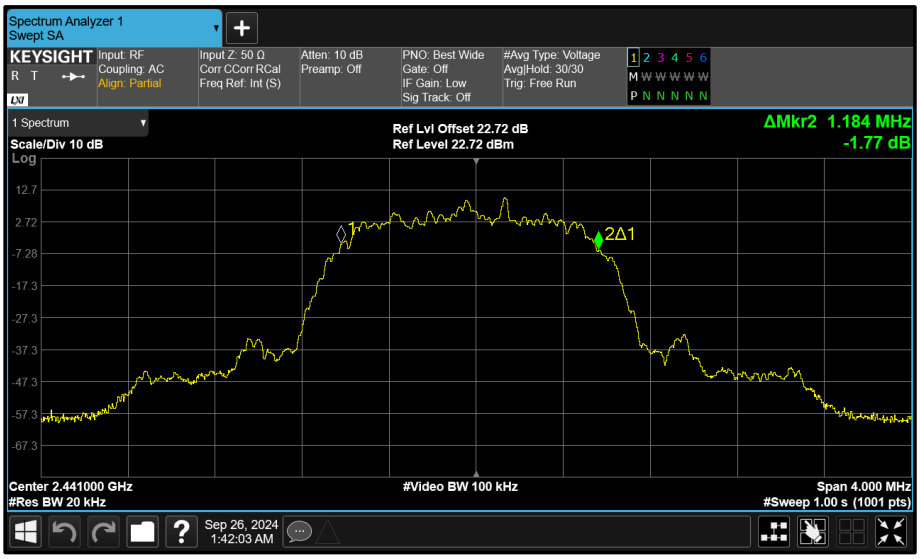

Figure 203 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

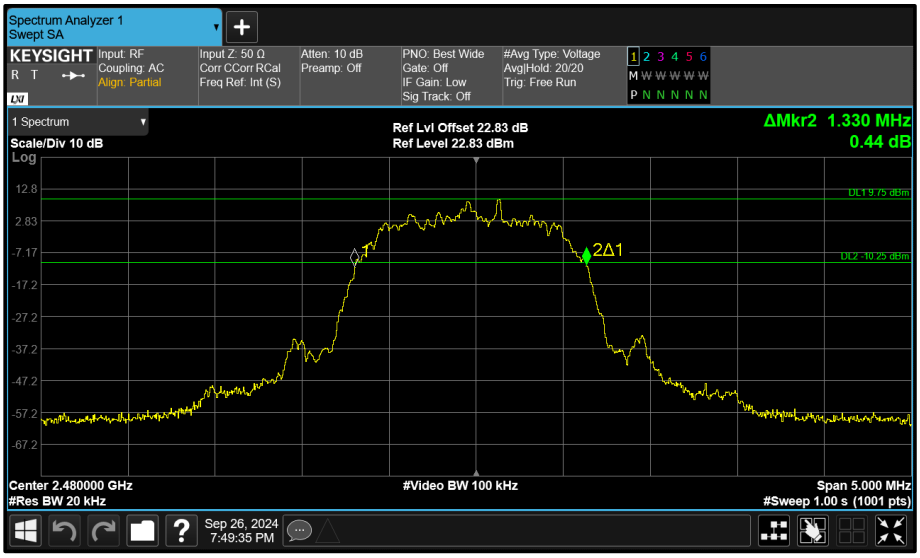

Figure 204 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

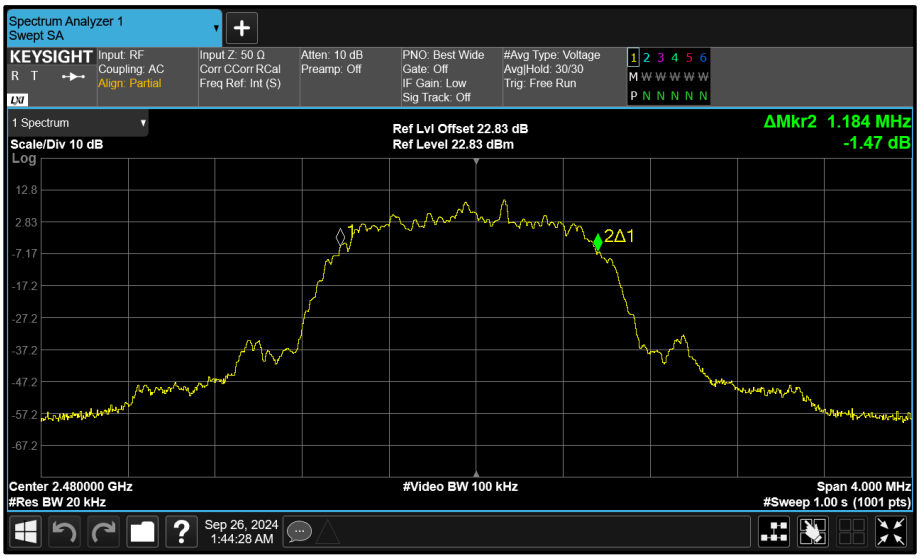

Figure 205 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

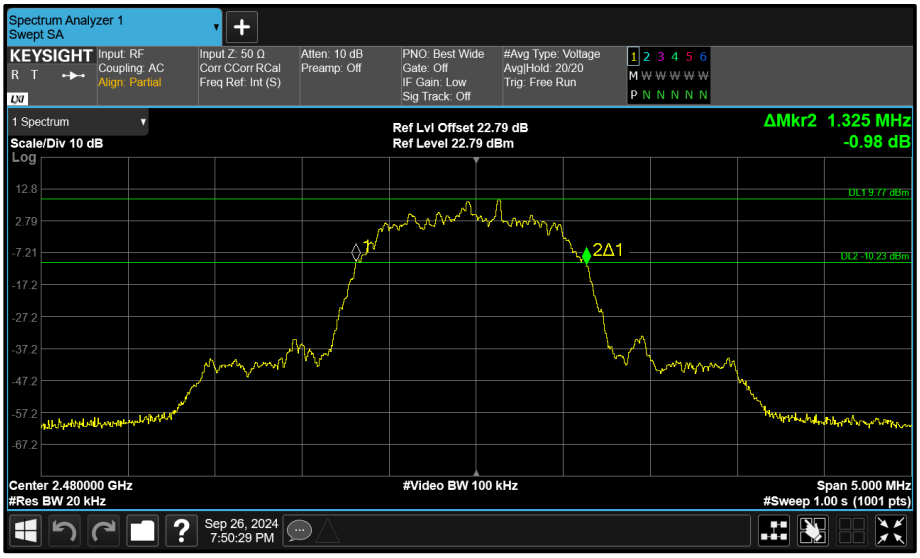

Figure 206 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth

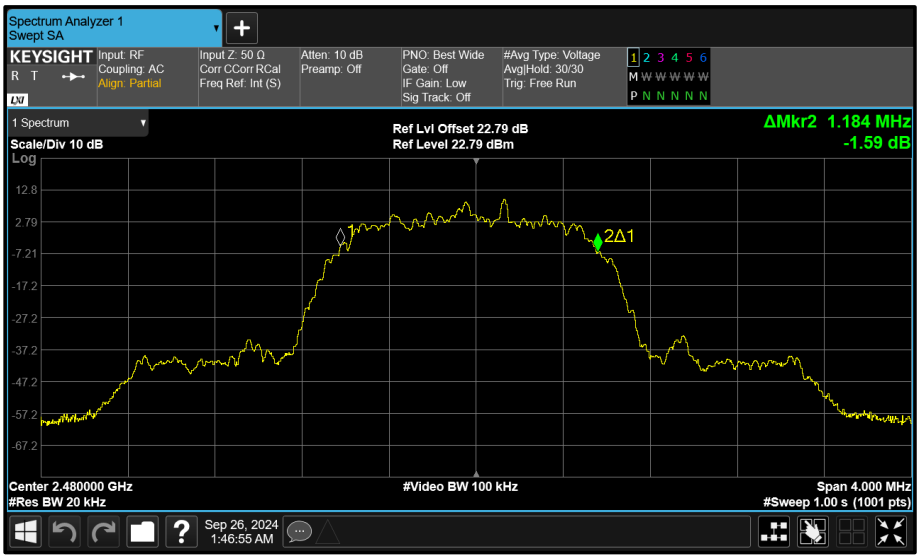

Figure 207 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247 (a)(1) RSS-247 5.1	Test Method(s):	C63.10 6.9.2
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	1.255	1.260	-	-

Table 83 - 20 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.184	1.180	-	-	-
2441	1.184	1.184	-	-	-
2480	1.184	1.184	-	-	-

Table 84 - 99% Bandwidth Results

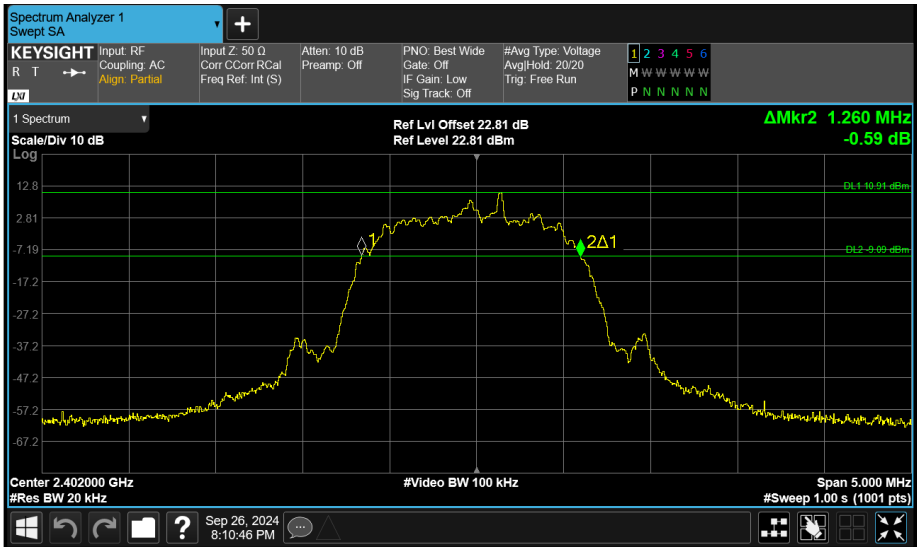

Figure 208 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

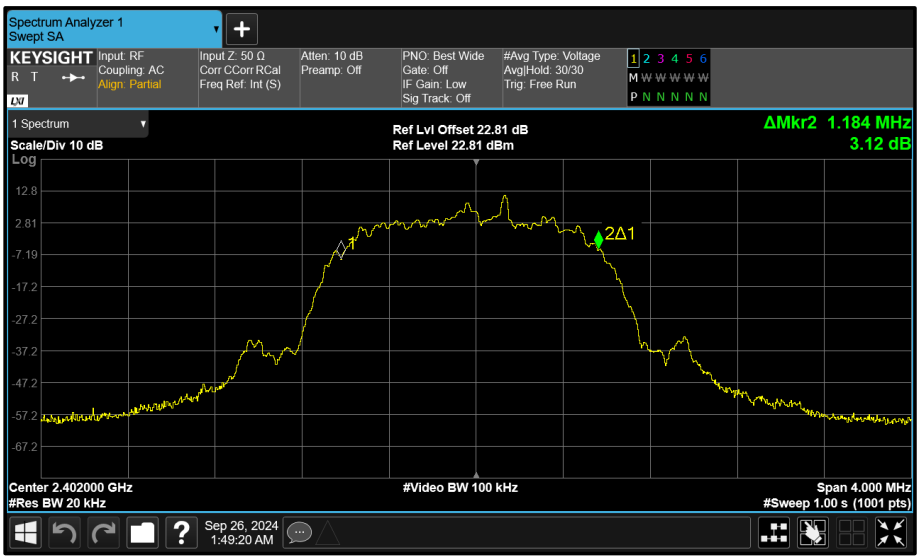

Figure 209 - Core 0 (A) 2402 MHz (CH0) 99% Bandwidth

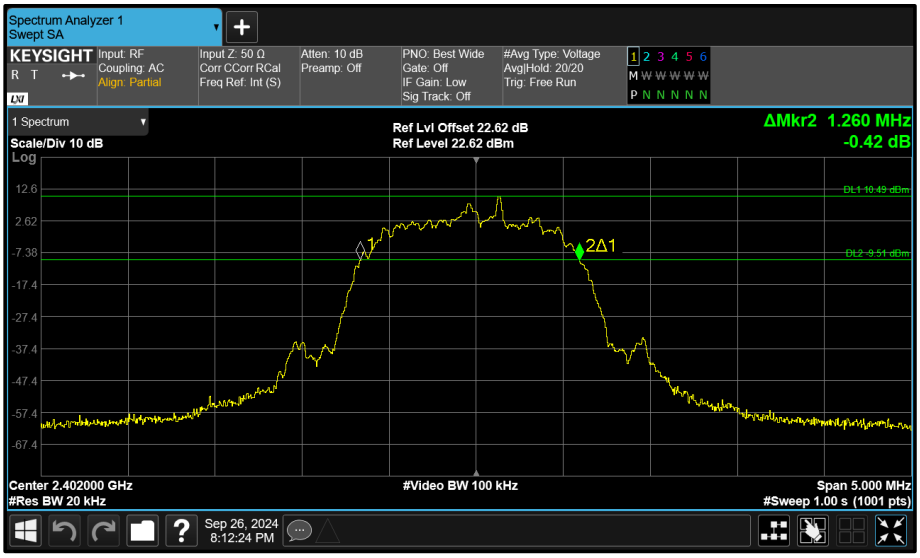

Figure 210 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

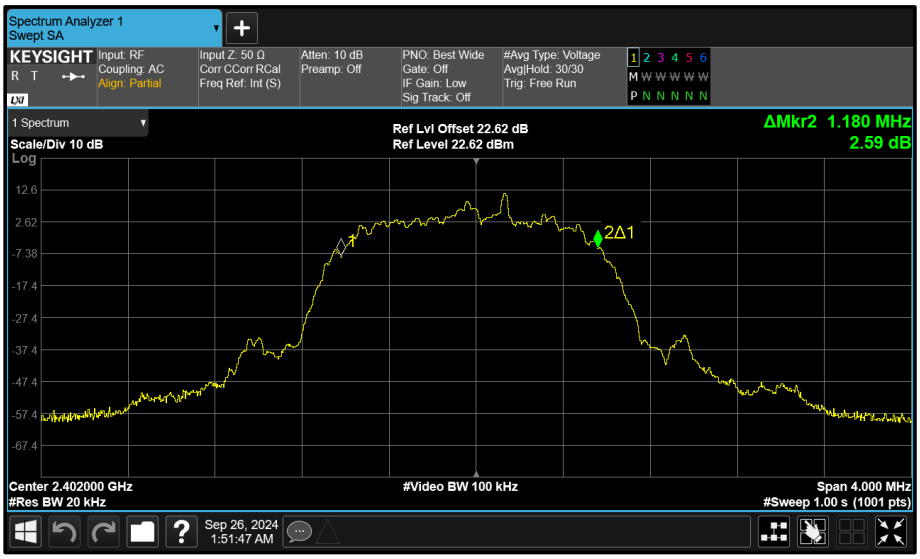

Figure 211 - Core 1 (B) 2402 MHz (CH0) 99% Bandwidth

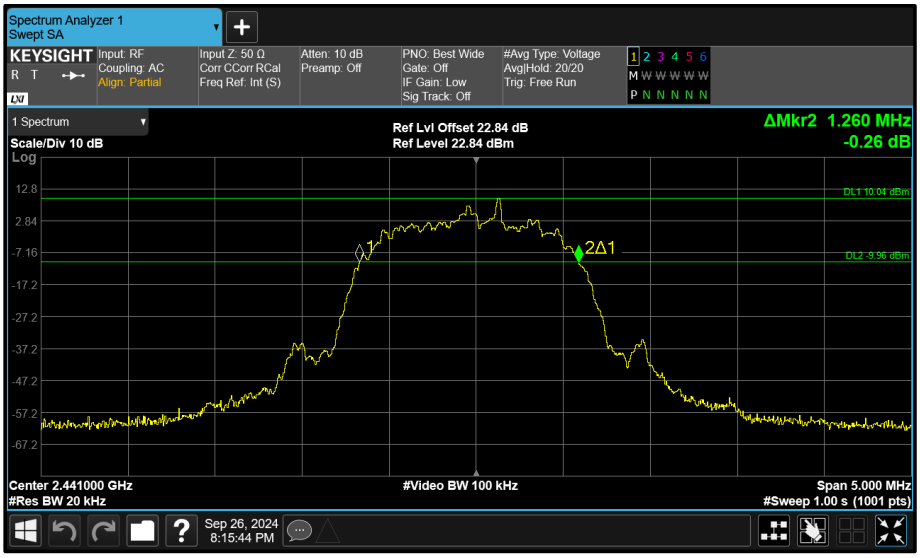

Figure 212 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

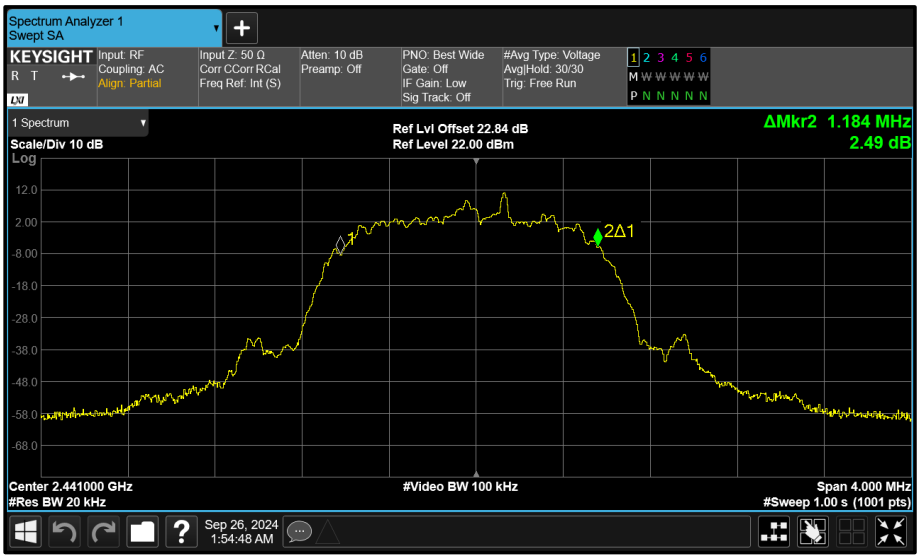

Figure 213 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

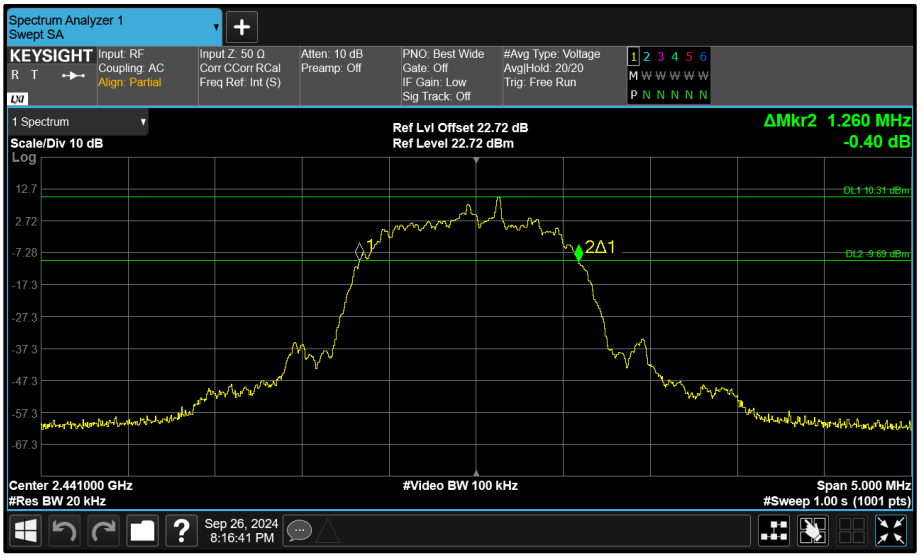

Figure 214 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

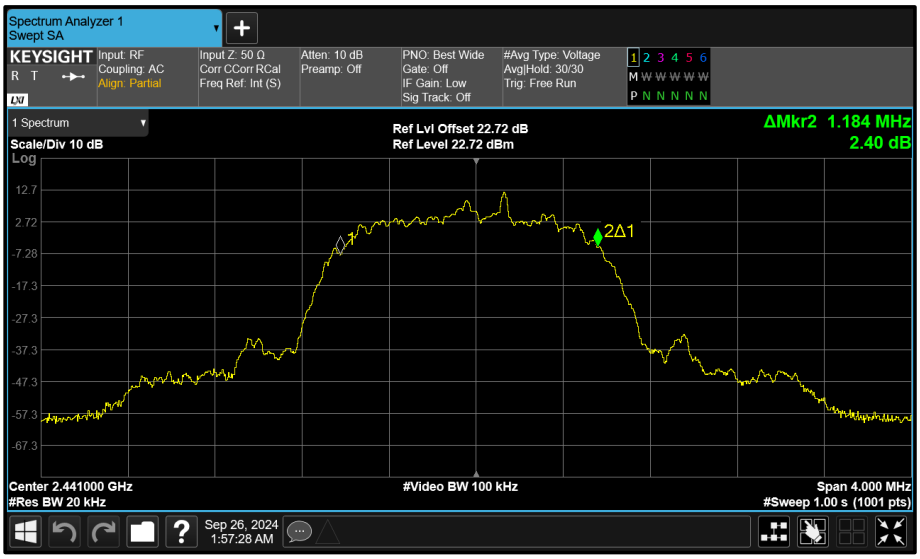

Figure 215 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

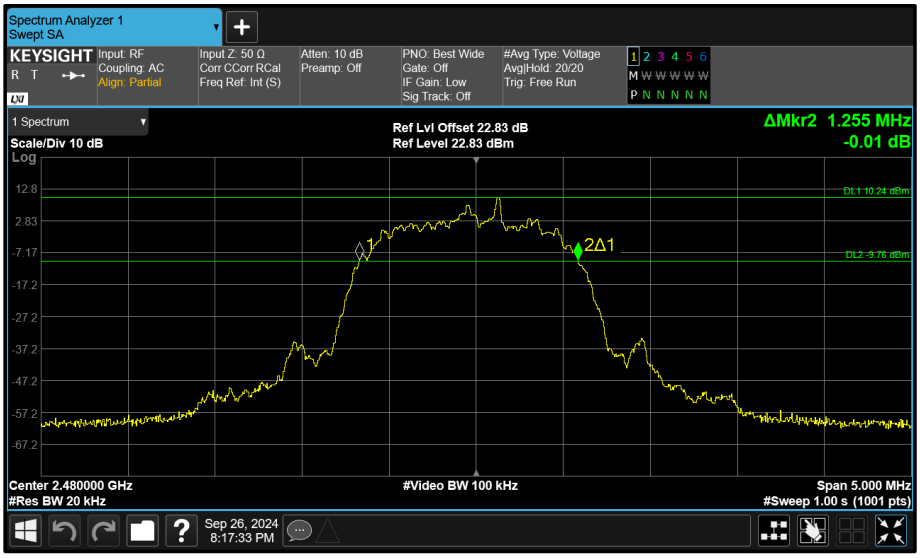

Figure 216 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

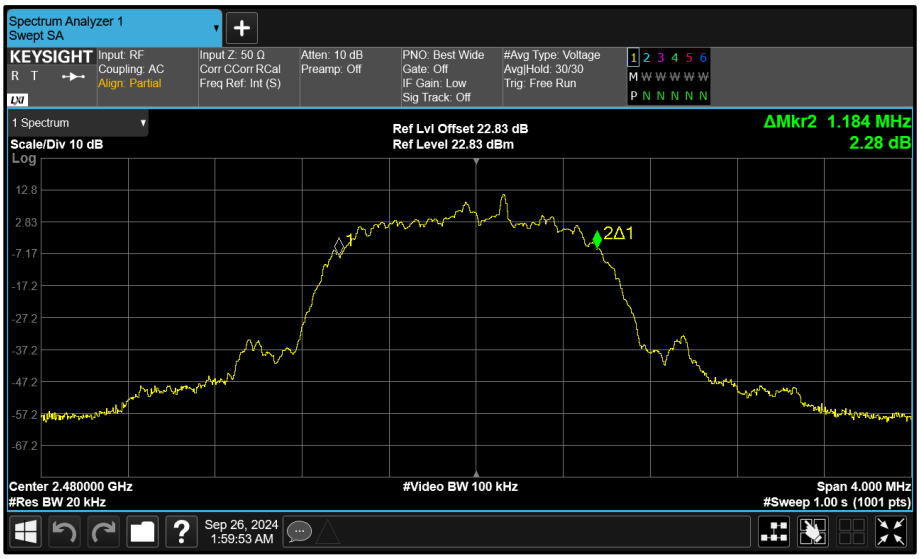

Figure 217 - Core 0 (A) 2480 MHz (CH78) 99% Bandwidth

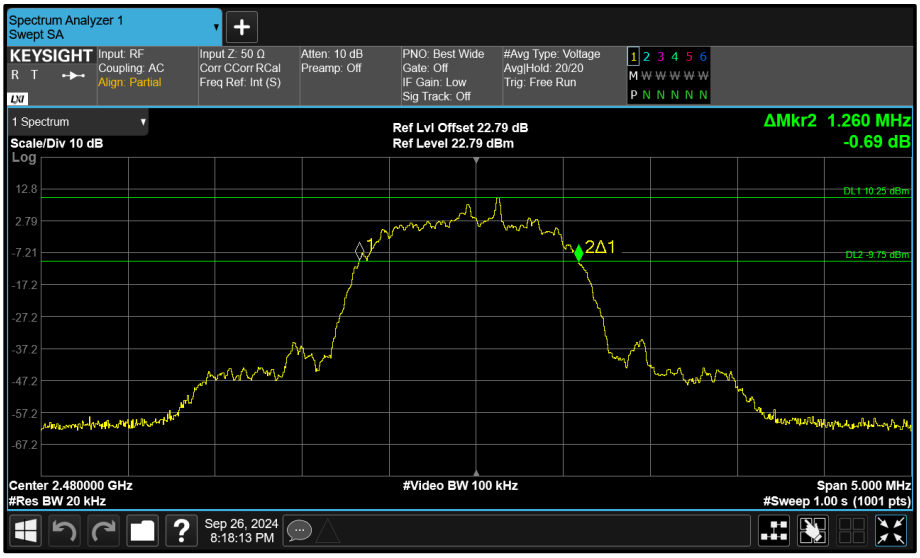

Figure 218 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth

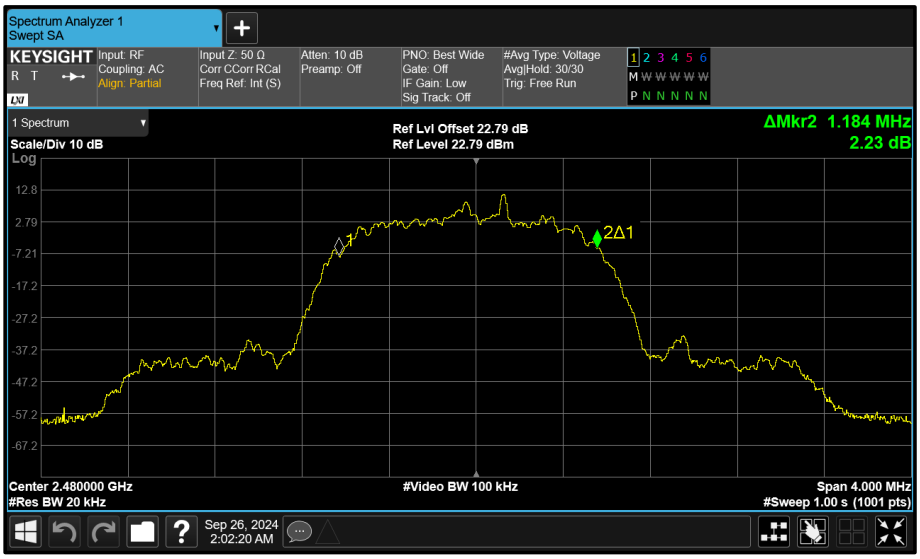

Figure 219 - Core 1 (B) 2480 MHz (CH78) 99% Bandwidth

FCC 47 CFR Part 15 and ISED RSS-247 Limit Clause

None specified.

2.5.7 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
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	6517	12	22-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	16-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

Table 85

O/P Mon - Output Monitored using calibrated equipment

2.6 Maximum Conducted Output Power

2.6.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.247 (b)
ISED RSS-247, Clause 5.4
ISED RSS-GEN, Clause 6.12

2.6.2 Equipment Under Test and Modification State

A3239, S/N: DLX7VG477R - Modification State 0
A3239, S/N: J3FYV0C64X - Modification State 0

2.6.3 Date of Test

17-September-2024 to 25-September-2024

2.6.4 Test Method

The test was performed in accordance with ANSI C63.10 clause 7.8.5 using a power meter.

MIMO output port summing was performed in accordance with KDB 662911 D01. For the CDD results, the 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.

2.6.5 Environmental Conditions

Ambient Temperature	20.9 - 22.3 °C
Relative Humidity	55.6 - 56.2 %

2.6.6 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 (b)(1) RSS-247 5.4 b)	Test Method(s):	C63.10 7.8.5
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.7
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	1.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	13.71	-	-	-	-	30.00	-16.29
2441	13.66	-	-	-	-	30.00	-16.34
2480	13.15	-	-	-	-	30.00	-16.85

Table 86 - 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	∑					
2402	13.71	-	-	-	-	30.00	-16.29	15.51	36.00	-20.49
2441	13.66	-	-	-	-	30.00	-16.34	15.46	36.00	-20.54
2480	13.15	-	-	-	-	30.00	-16.85	14.95	36.00	-21.05

Table 87 - 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)(1) RSS-247 5.4 b)	Test Method(s):	C63.10 7.8.5
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA π/4 DQPSK (2-DH5)	Duty Cycle (%):	77.1
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	1.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	11.88	-	-	-	-	30.00	-18.12
2441	11.85	-	-	-	-	30.00	-18.15
2480	11.84	-	-	-	-	30.00	-18.16

Table 88 - 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	∑					
2402	11.88	-	-	-	-	30.00	-18.12	13.68	36.00	-22.32
2441	11.85	-	-	-	-	30.00	-18.15	13.65	36.00	-22.35
2480	11.84	-	-	-	-	30.00	-18.16	13.64	36.00	-22.36

Table 89 - 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)(1) RSS-247 5.4 b)	Test Method(s):	C63.10 7.8.5
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 8-DPSK (3-DH5)	Duty Cycle (%):	76.9
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	1.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	12.35	-	-	-	-	30.00	-17.65
2441	12.35	-	-	-	-	30.00	-17.65
2480	12.40	-	-	-	-	30.00	-17.60

Table 90 - 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	∑					
2402	12.35	-	-	-	-	30.00	-17.65	14.15	36.00	-21.85
2441	12.35	-	-	-	-	30.00	-17.65	14.15	36.00	-21.85
2480	12.40	-	-	-	-	30.00	-17.60	14.20	36.00	-21.80

Table 91 - 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)(1) RSS-247 5.4 b)	Test Method(s):	C63.10 7.8.5
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.7
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	0.20

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	-	-	13.33	-	-	30.00	-16.67
2441	-	-	13.37	-	-	30.00	-16.63
2480	-	-	13.28	-	-	30.00	-16.72

Table 92 - 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	∑					
2402	-	-	13.33	-	-	30.00	-16.67	13.53	36.00	-22.47
2441	-	-	13.37	-	-	30.00	-16.63	13.57	36.00	-22.43
2480	-	-	13.28	-	-	30.00	-16.72	13.48	36.00	-22.52

Table 93 - 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)(1) RSS-247 5.4 b)	Test Method(s):	C63.10 7.8.5
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA π/4 DQPSK (2-DH5)	Duty Cycle (%):	76.8
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	0.20

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	-	-	11.90	-	-	30.00	-18.10
2441	-	-	11.63	-	-	30.00	-18.37
2480	-	-	11.88	-	-	30.00	-18.12

Table 94 - 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	∑					
2402	-	-	11.90	-	-	30.00	-18.10	12.10	36.00	-23.90
2441	-	-	11.63	-	-	30.00	-18.37	11.83	36.00	-24.17
2480	-	-	11.88	-	-	30.00	-18.12	12.08	36.00	-23.92

Table 95 - 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)(1) RSS-247 5.4 b)	Test Method(s):	C63.10 7.8.5
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 8-DPSK (3-DH5)	Duty Cycle (%):	76.9
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	0.20

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	-	-	11.97	-	-	30.00	-18.03
2441	-	-	12.28	-	-	30.00	-17.72
2480	-	-	12.16	-	-	30.00	-17.84

Table 96 - 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	∑					
2402	-	-	11.97	-	-	30.00	-18.03	12.17	36.00	-23.83
2441	-	-	12.28	-	-	30.00	-17.72	12.48	36.00	-23.52
2480	-	-	12.16	-	-	30.00	-17.84	12.36	36.00	-23.64

Table 97 - 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)(1) RSS-247 5.4 b)	Test Method(s):	C63.10 7.8.5
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA π/4 DQPSK (2-DH5)	Duty Cycle (%):	76.9
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	1.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	19.20	-	-	-	-	30.00	-10.80
2441	19.18	-	-	-	-	30.00	-10.82
2480	19.10	-	-	-	-	30.00	-10.90

Table 98 - 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	∑					
2402	19.20	-	-	-	-	30.00	-10.80	21.00	36.00	-15.00
2441	19.18	-	-	-	-	30.00	-10.82	20.98	36.00	-15.02
2480	19.10	-	-	-	-	30.00	-10.90	20.90	36.00	-15.10

Table 99 - 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)(1) RSS-247 5.4 b)	Test Method(s):	C63.10 7.8.5
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA 8-DPSK (3-DH5)	Duty Cycle (%):	77.0
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	1.80

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	20.00	-	-	-	-	30.00	-10.00
2441	19.77	-	-	-	-	30.00	-10.23
2480	19.70	-	-	-	-	30.00	-10.30

Table 100 - 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	∑					
2402	20.00	-	-	-	-	30.00	-10.00	21.80	36.00	-14.20
2441	19.77	-	-	-	-	30.00	-10.23	21.57	36.00	-14.43
2480	19.70	-	-	-	-	30.00	-10.30	21.50	36.00	-14.50

Table 101 - ISED Maximum Conducted (peak) Output Power Results