



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii) RSS-247 5.1 d)	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 39 - Number of Hopping Frequencies Results

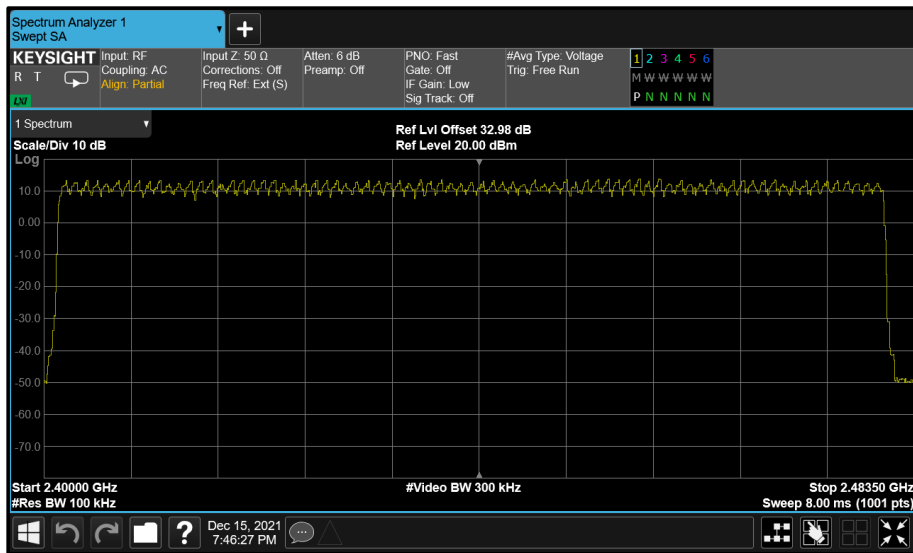


Figure 54 - 8-DPSK (3-DH5) - Number of Hopping Channels



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii) RSS-247 5.1 d)	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 0)	Peak Antenna Gain (dBi):	-

Number of Hopping Frequencies	Limit
79	≥15.0

Table 40 - Number of Hopping Frequencies Results

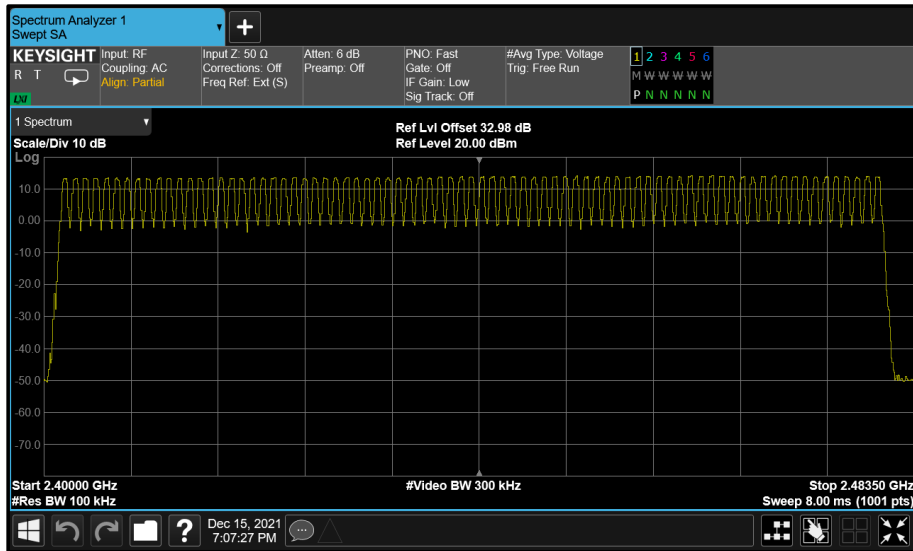


Figure 55 - GFSK (DH5) - Number of Hopping Channels



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii) RSS-247 5.1 d)	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):	C (Core 2)	Peak Antenna Gain (dBi):	-

Number of Hopping Frequencies	Limit
79	≥15.0

Table 41 - Number of Hopping Frequencies Results

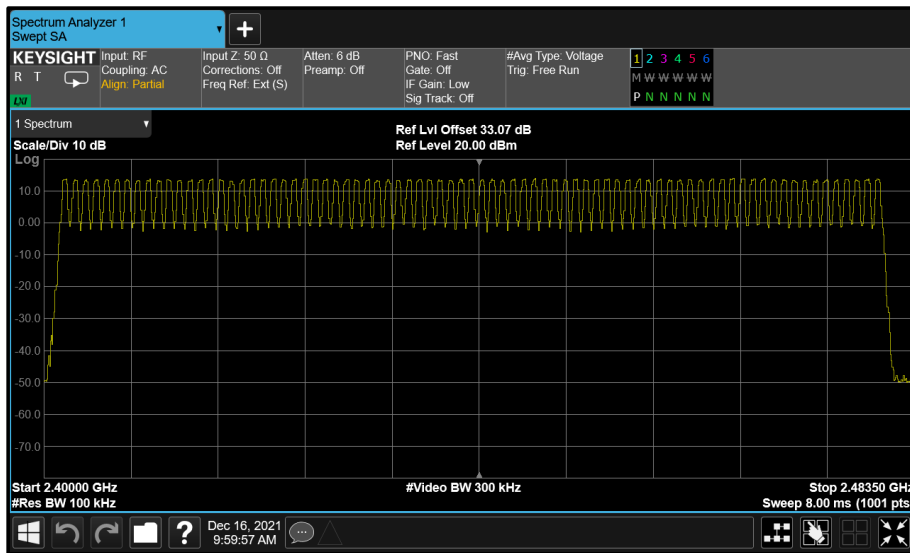


Figure 56 - GFSK (DH5) - Number of Hopping Channels



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	FCC 15.247(a)(1)(iii) RSS-247 5.1 d)	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 42 - Number of Hopping Frequencies Results

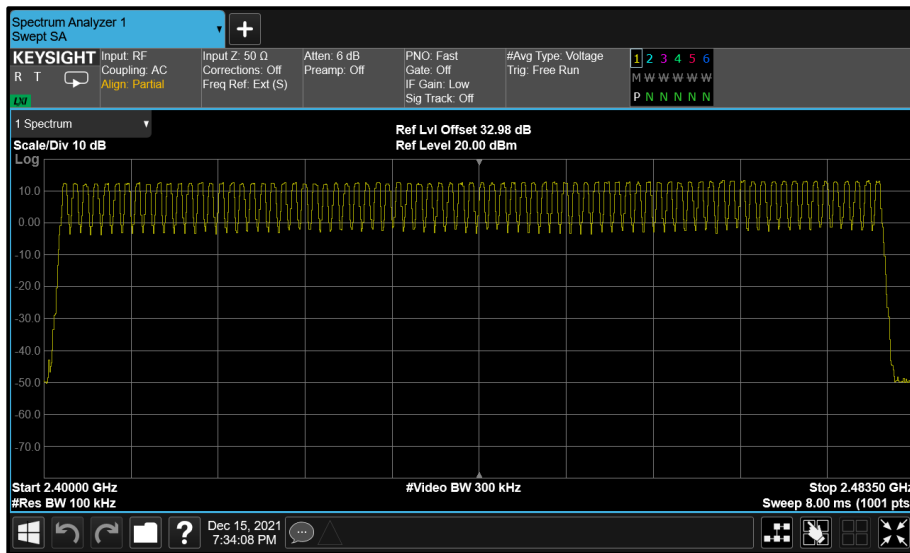


Figure 57 - GFSK (DH5) - Number of Hopping Channels

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

≥ 15 channels

ISED RSS-247, Limit Clause 5.1 (d)

FHSs operating in the band 2400-2483.5 MHz shall use at least 15 hopping channels.



2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 1.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Expires
Multimeter	Fluke	79 Series II	3057	12	23-Aug-2022
Hygrometer	Rotronic	I-1000	3220	12	05-Nov-2022
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	03-Jan-2022
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	04-Mar-2022
Signal Commissioning Unit	TUV SUD	SCU002	5759	12	30-Jun-2022

Table 43

O/P Mon – Output Monitored using calibrated equipment



2.5 Frequency Hopping Systems - 20 dB Bandwidth

2.5.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.247 (a)(1),
ISED RSS-247, Clause 5.1
ISED RSS-GEN, Clause 6.7

2.5.2 Equipment Under Test and Modification State

A2615, S/N: H617C20363 - Modification State 0

2.5.3 Date of Test

15-December-2021 to 04-January-2022

2.5.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.9.2.

2.5.5 Environmental Conditions

Ambient Temperature	21.4 - 23.5 °C
Relative Humidity	26.1 - 44.3 %



2.5.6 Test Results

2.4 GHz Bluetooth - FHSS

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 GFSK (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	0.933	-	-	-
2441	0.936	-	-	-
2480	0.936	-	-	-

Table 44 - 20 dB Bandwidth Results

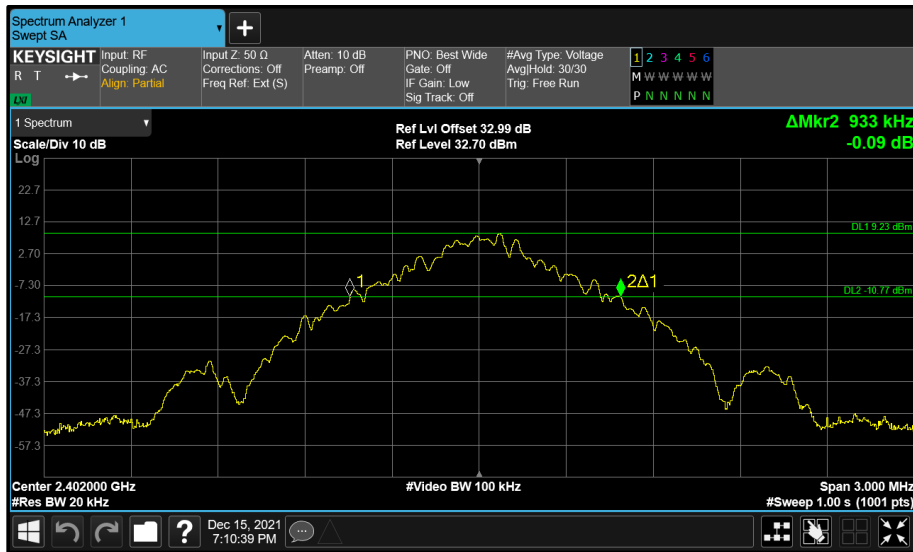


Figure 58 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

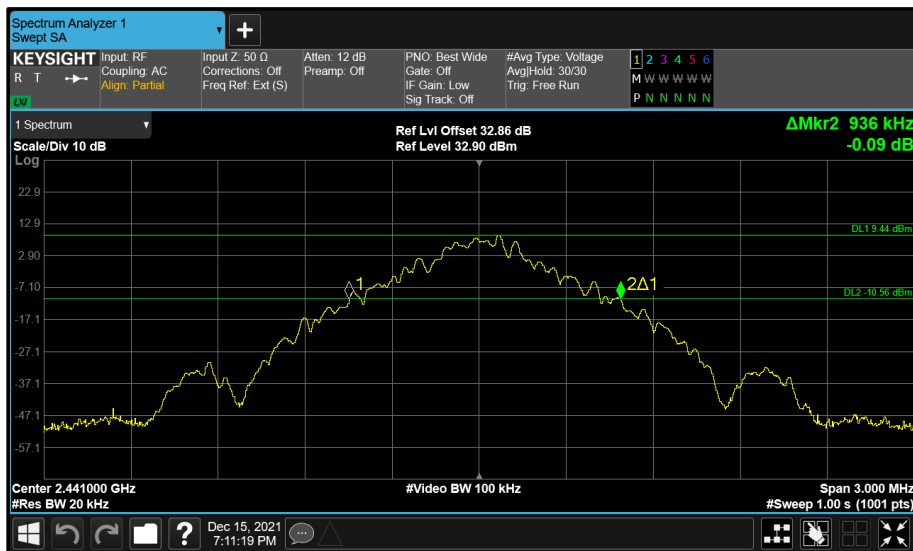


Figure 59 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

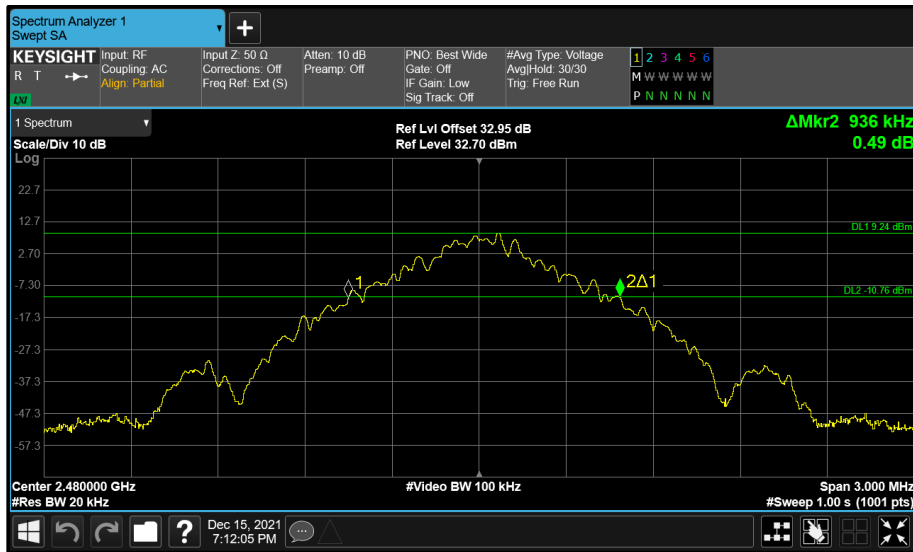


Figure 60 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth



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 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	0.858	-	-
2441	0.855	0.855	-	-
2480	0.855	0.855	-	-

Table 45 - 20 dB Bandwidth Results

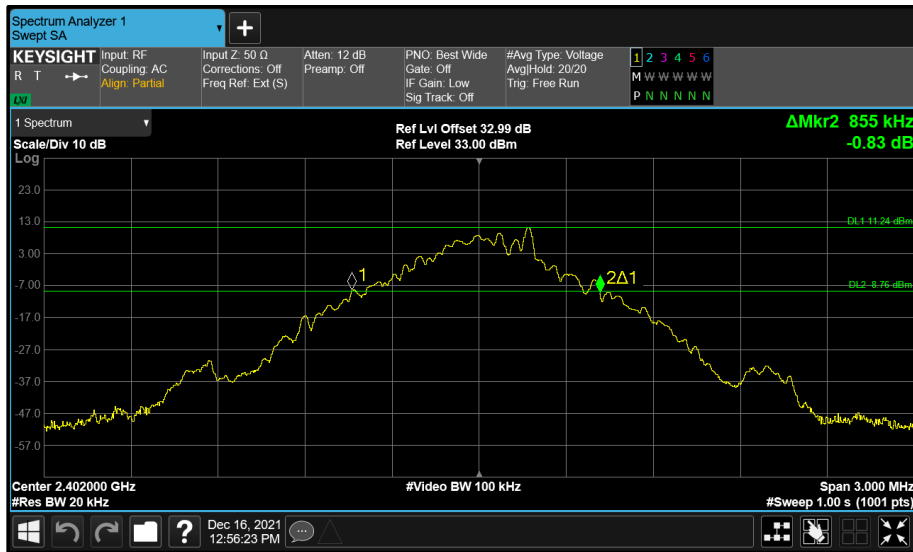


Figure 61 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

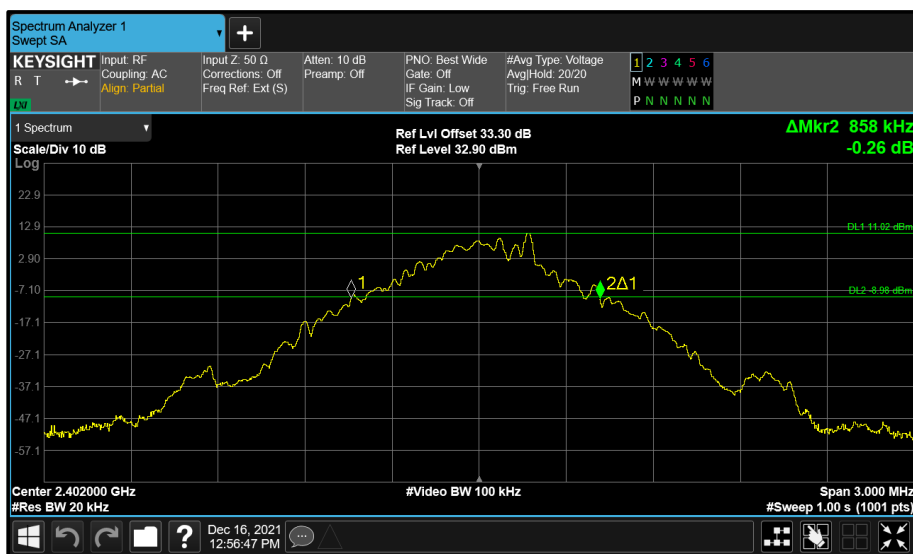


Figure 62 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

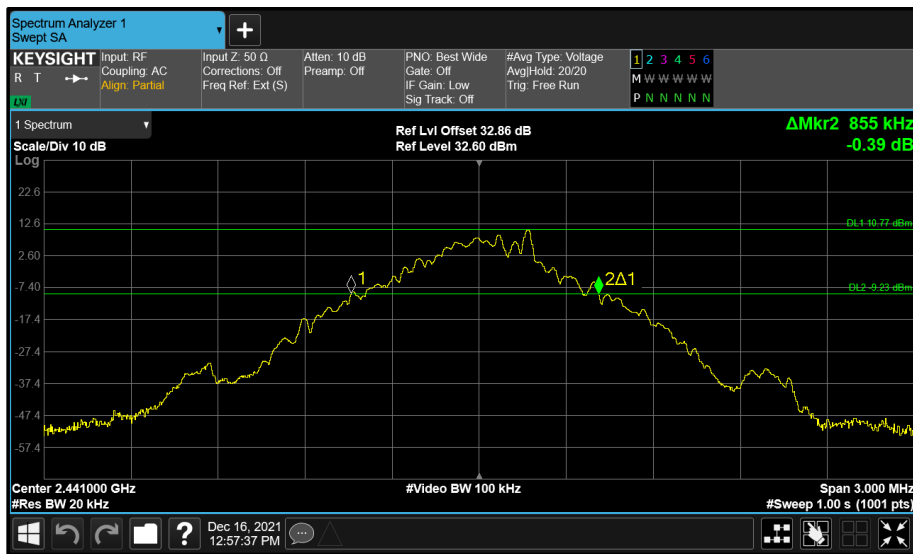


Figure 63 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

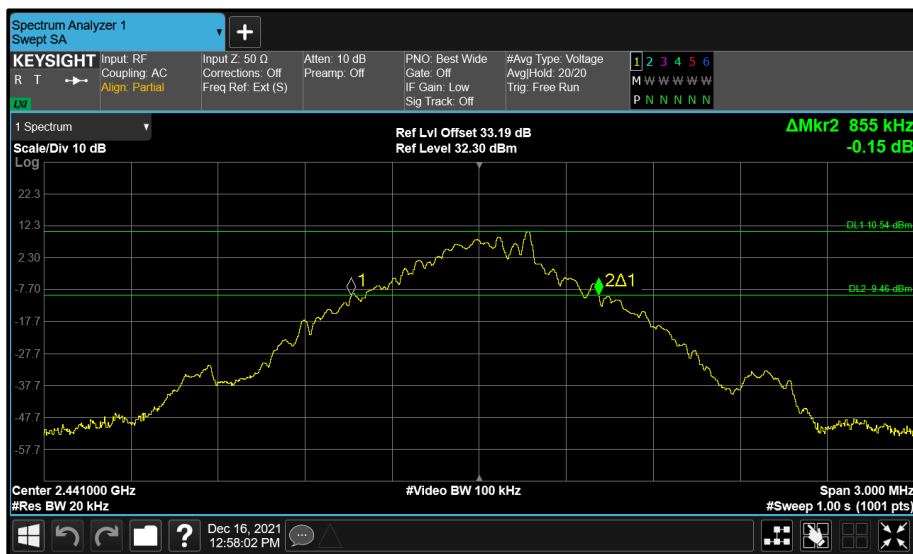


Figure 64 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

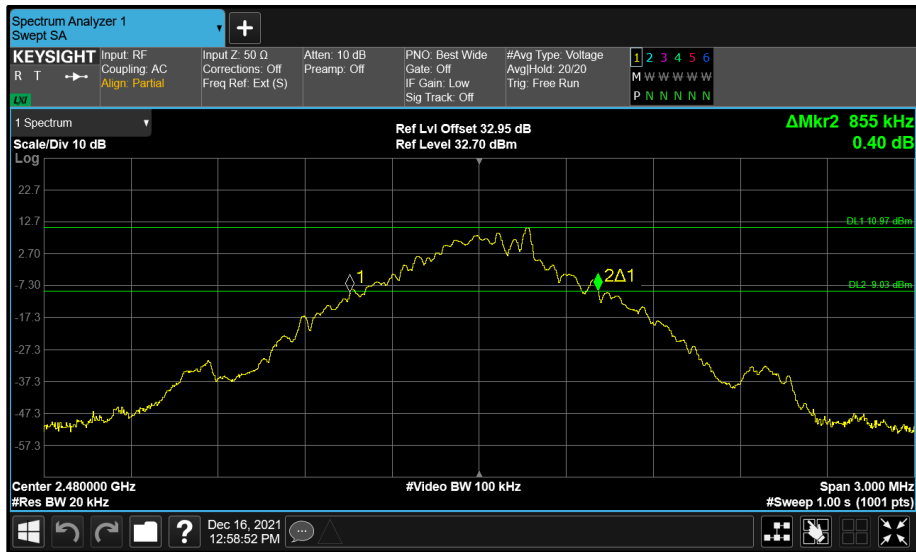


Figure 65 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

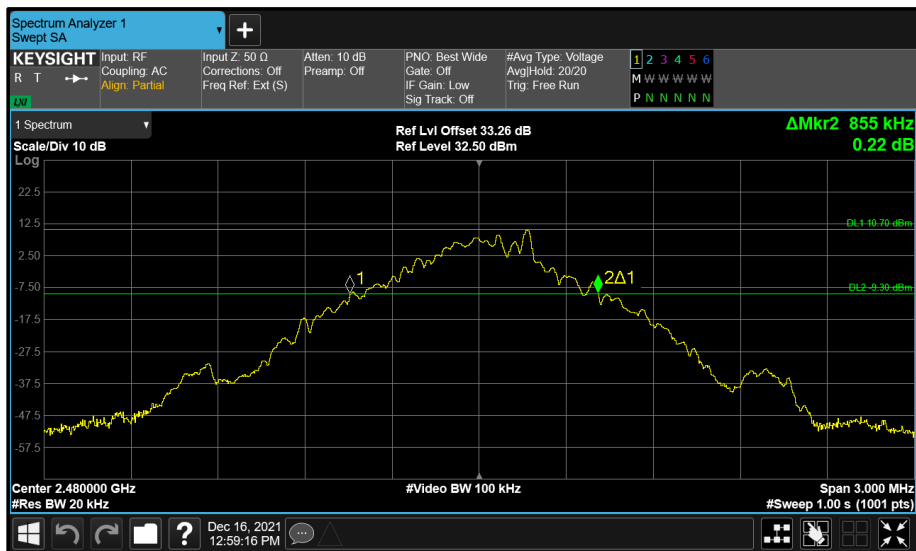


Figure 66 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



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 $\pi/4$ 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	1.365	-	-	-
2441	1.360	-	-	-
2480	1.365	-	-	-

Table 46 - 20 dB Bandwidth Results

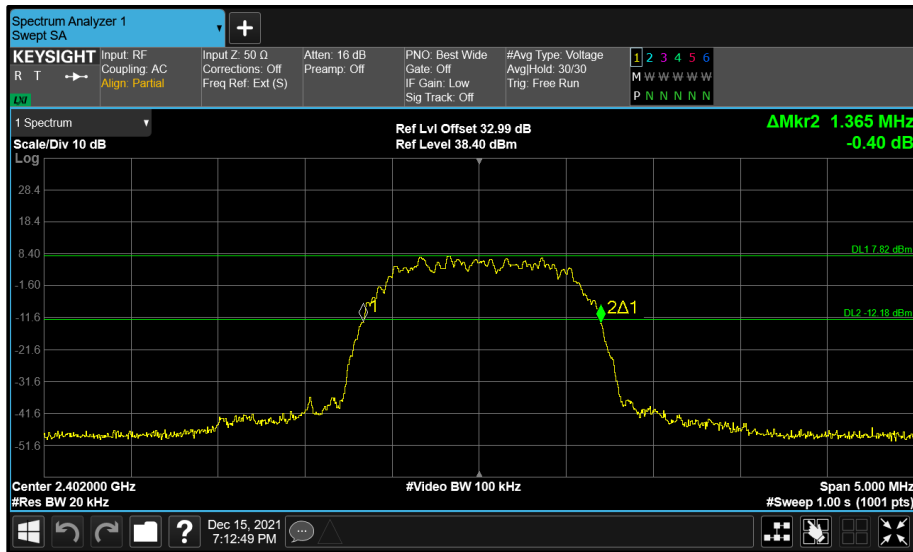


Figure 67 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

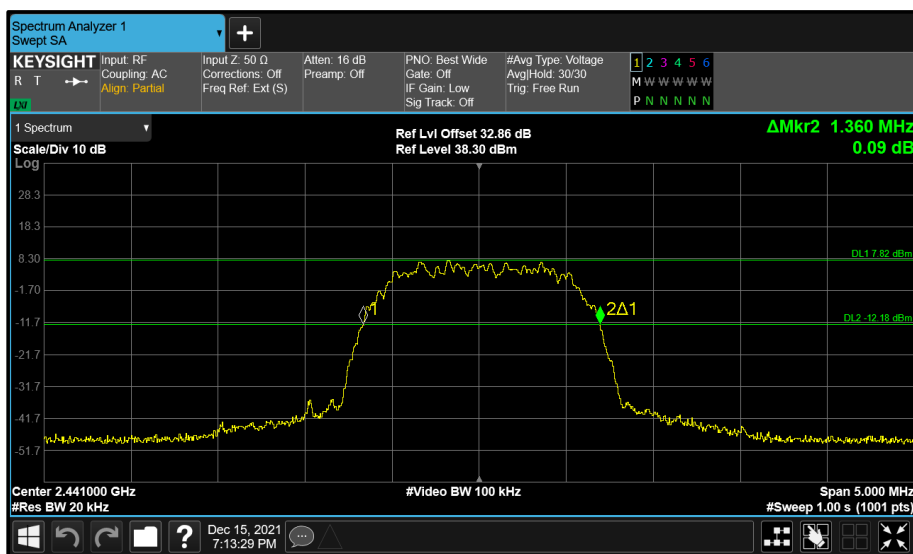


Figure 68 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth



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	1.355	-	-	-
2441	1.355	-	-	-
2480	1.355	-	-	-

Table 47 - 20 dB Bandwidth Results

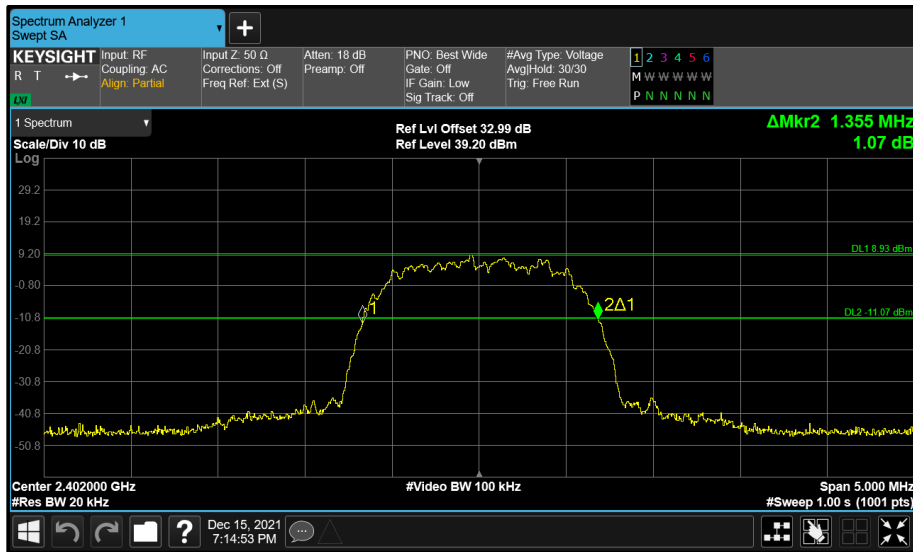


Figure 70 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

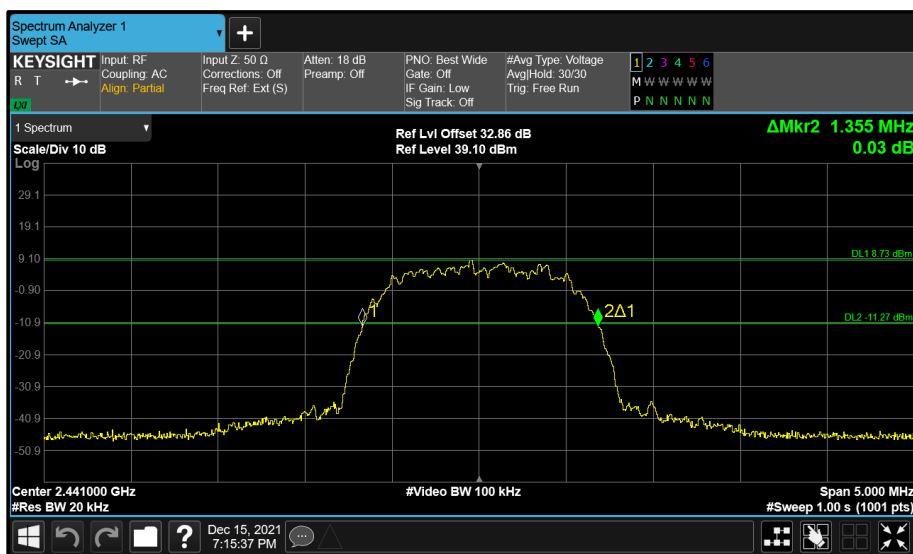


Figure 71 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

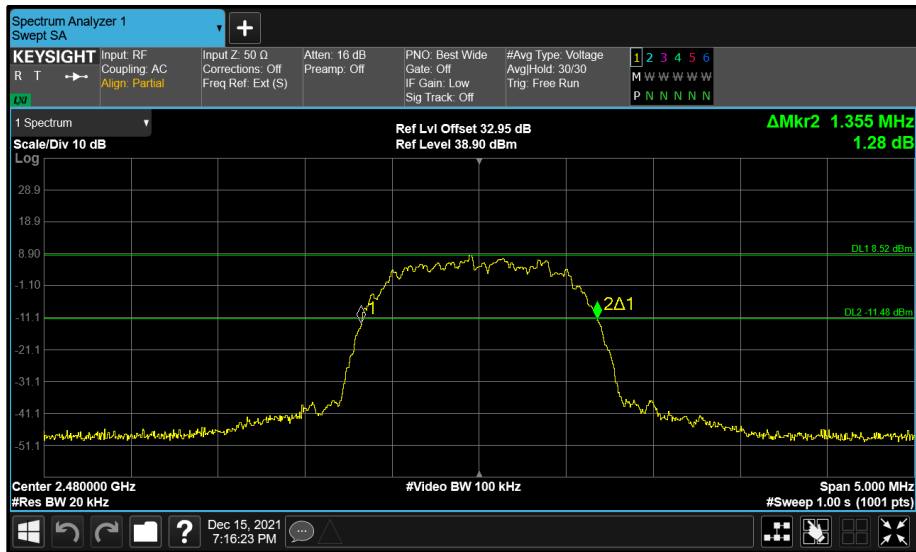


Figure 72 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth



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 $\pi/4$ 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	1.325	-	-
2441	1.325	1.330	-	-
2480	1.325	1.330	-	-

Table 48 - 20 dB Bandwidth Results

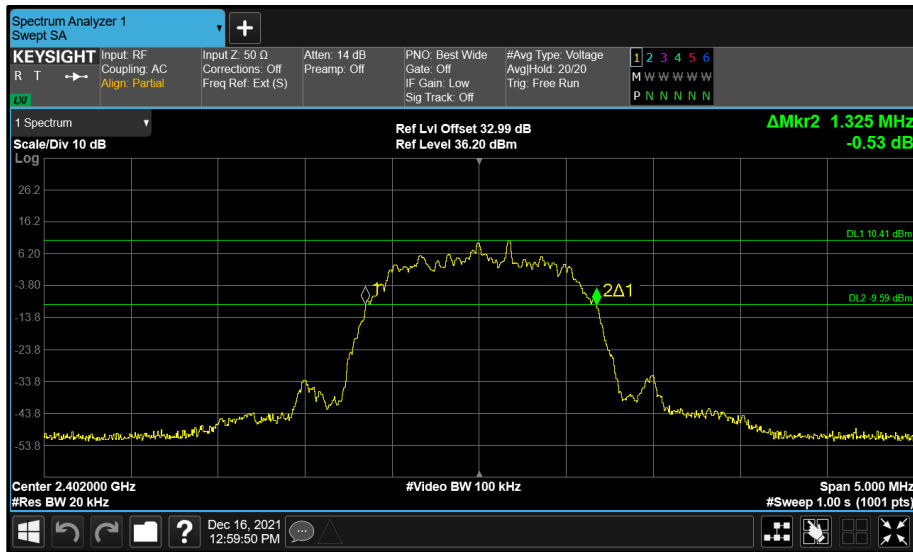


Figure 73 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

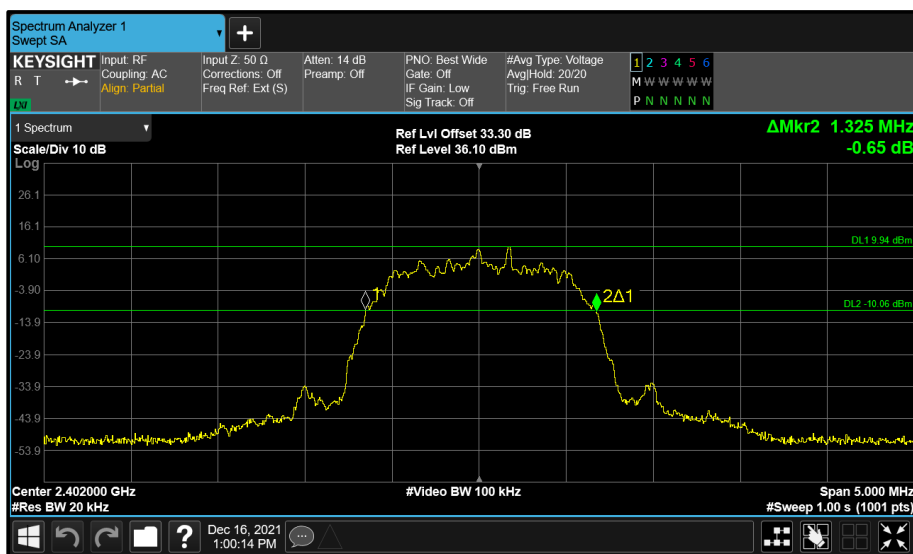


Figure 74 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

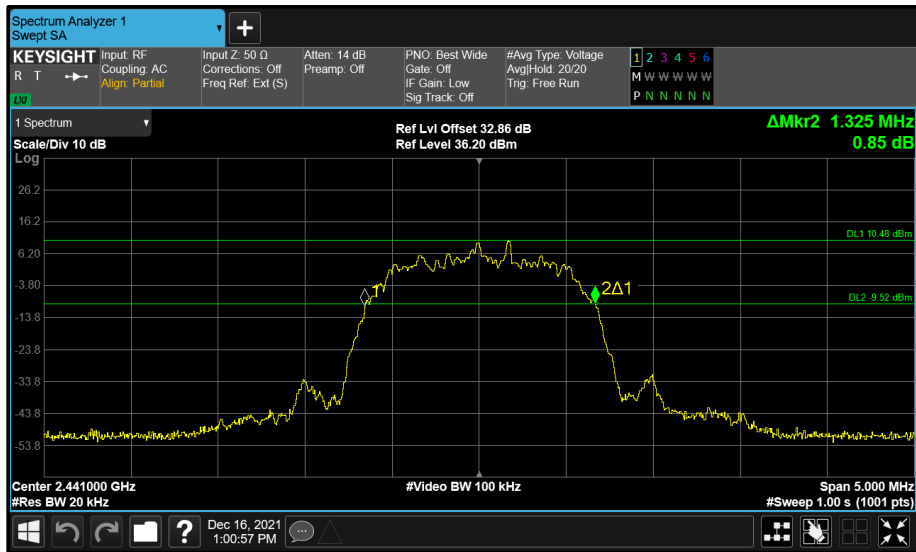


Figure 75 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

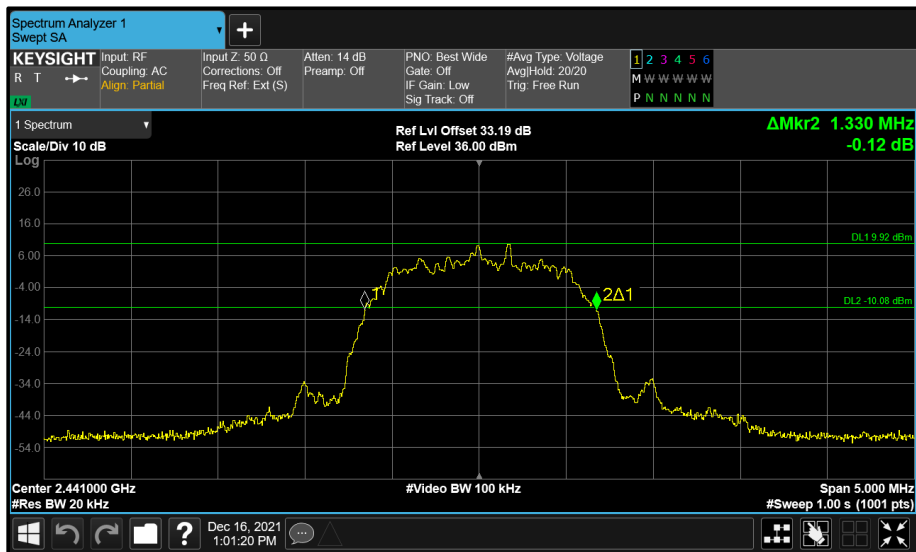


Figure 76 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

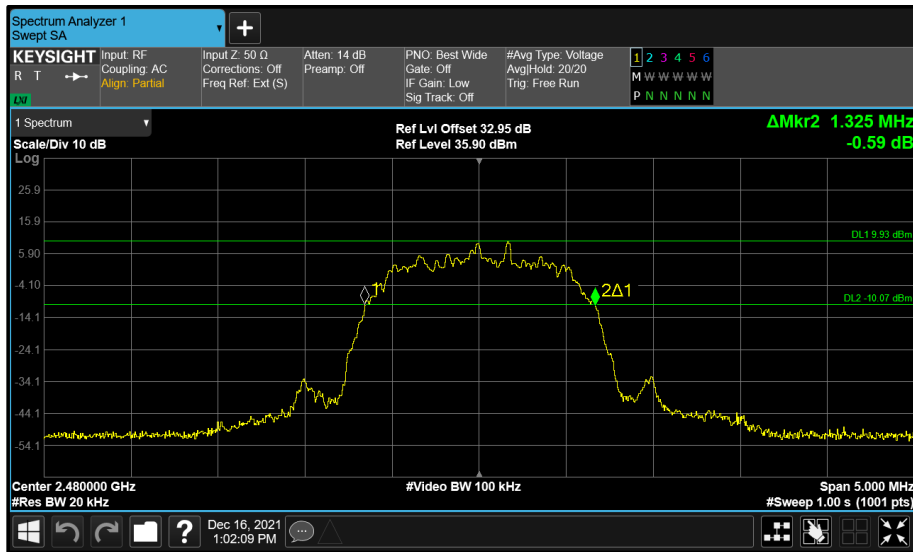


Figure 77 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

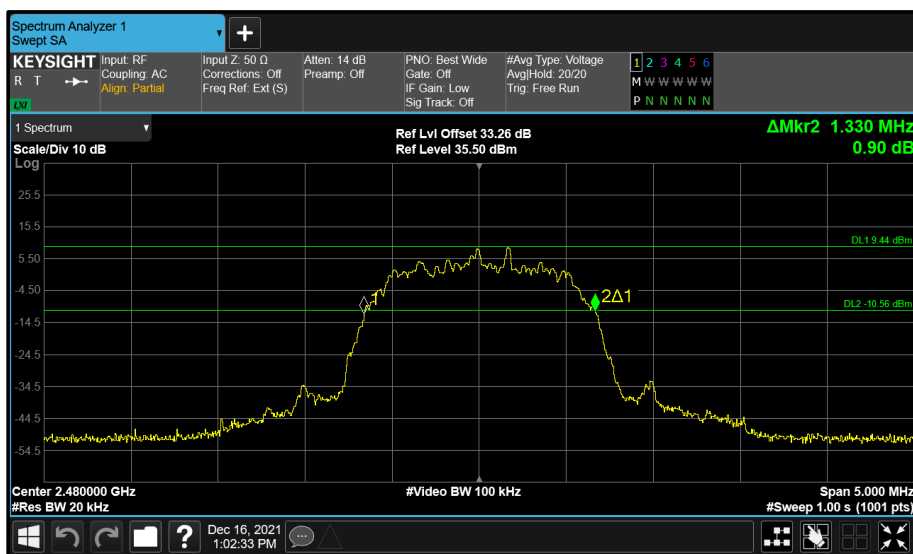


Figure 78 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



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	1.255	1.260	-	-
2480	1.260	1.260	-	-

Table 49 - 20 dB Bandwidth Results



Figure 79 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

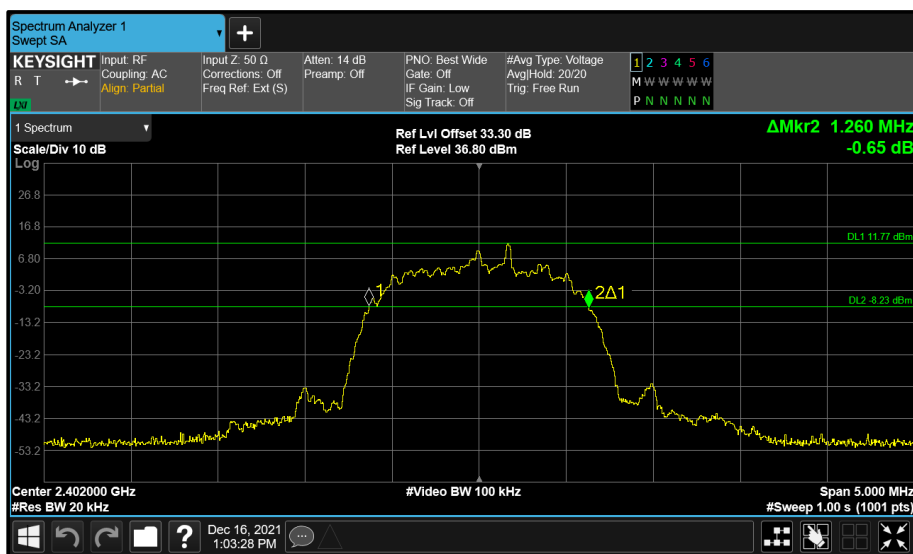


Figure 80 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

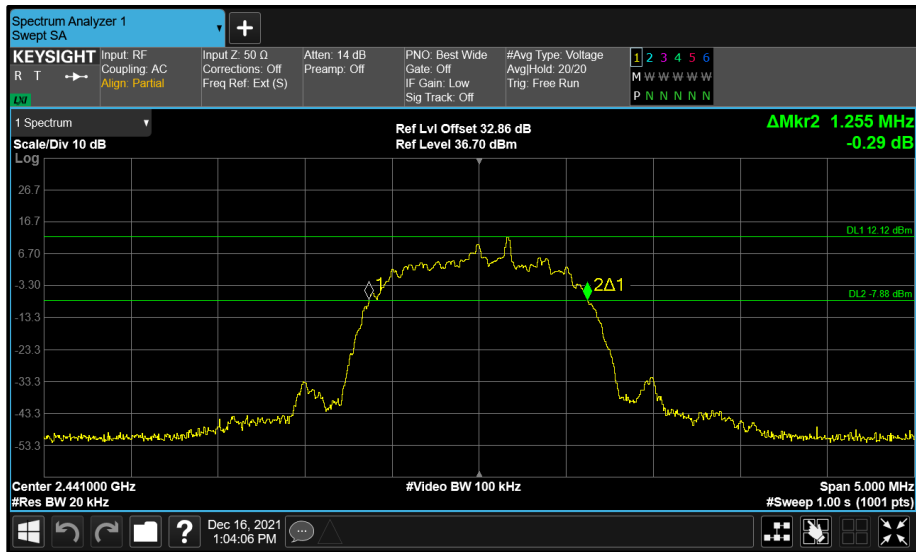


Figure 81 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

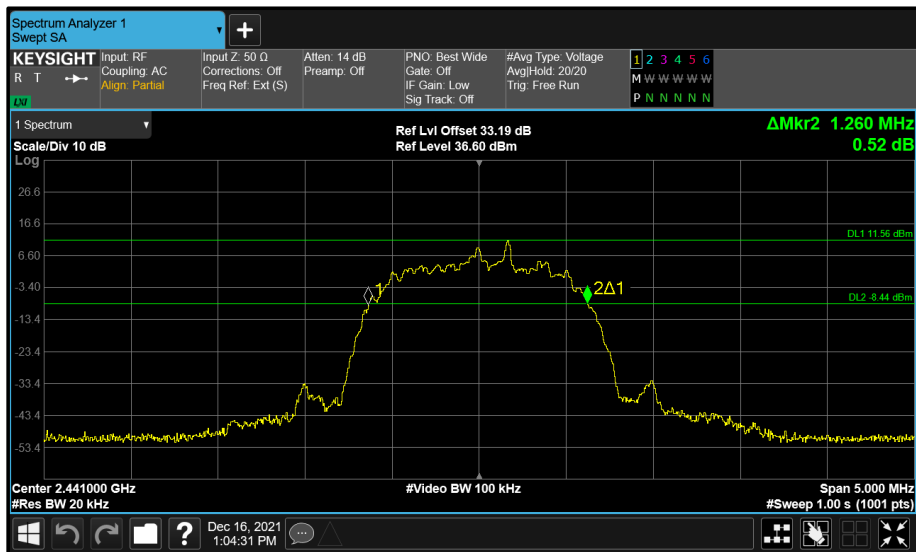


Figure 82 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth



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:	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	0.933	-	-	-
2441	0.933	-	-	-
2480	0.933	-	-	-

Table 50 - 20 dB Bandwidth Results

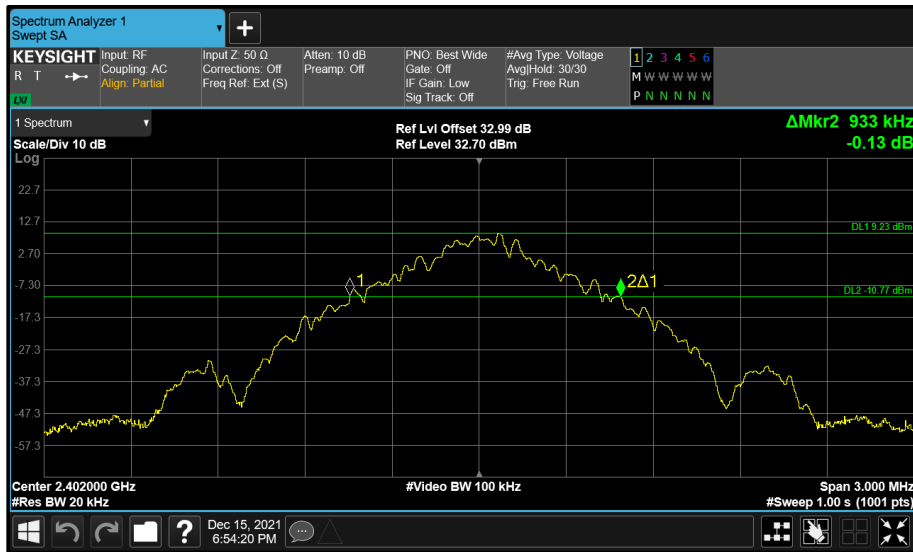


Figure 85 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

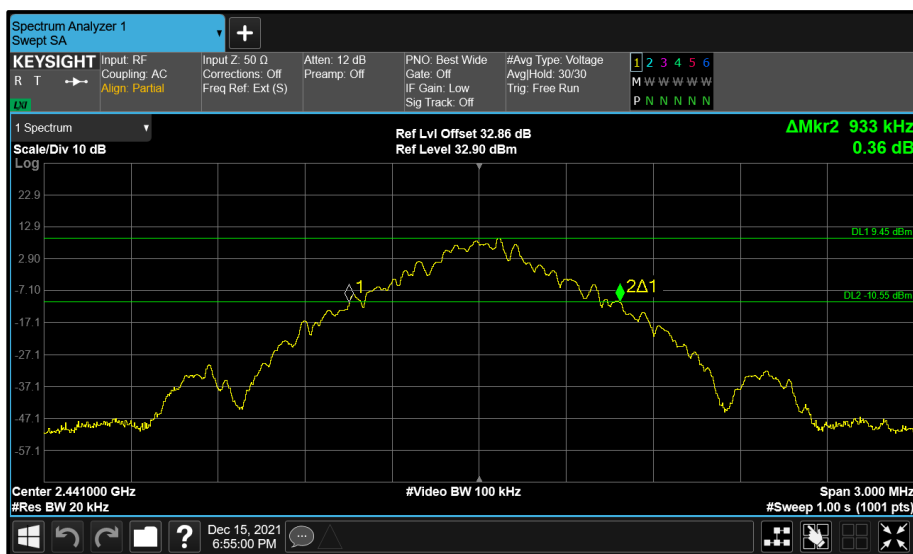


Figure 86 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

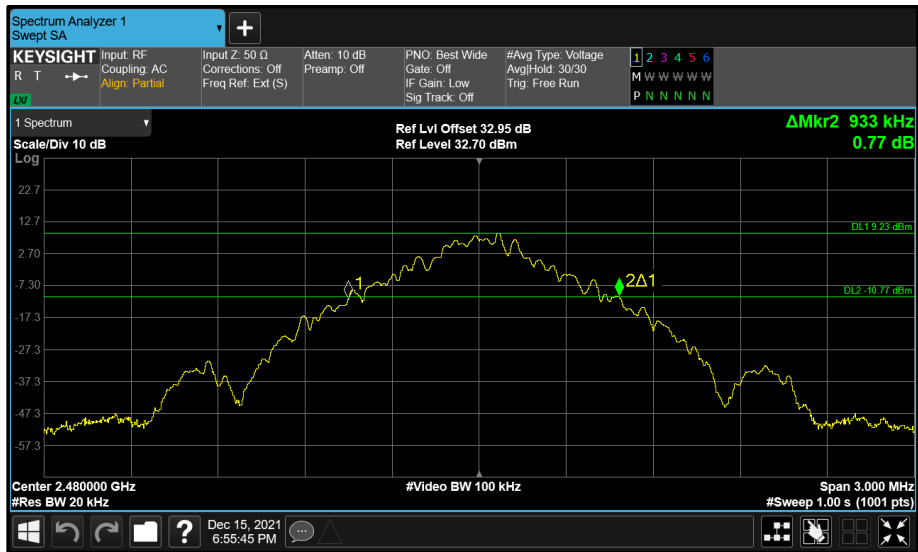


Figure 87 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth



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:	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	-	-	0.864	-
2441	-	-	0.858	-
2480	-	-	0.858	-

Table 51 - 20 dB Bandwidth Results

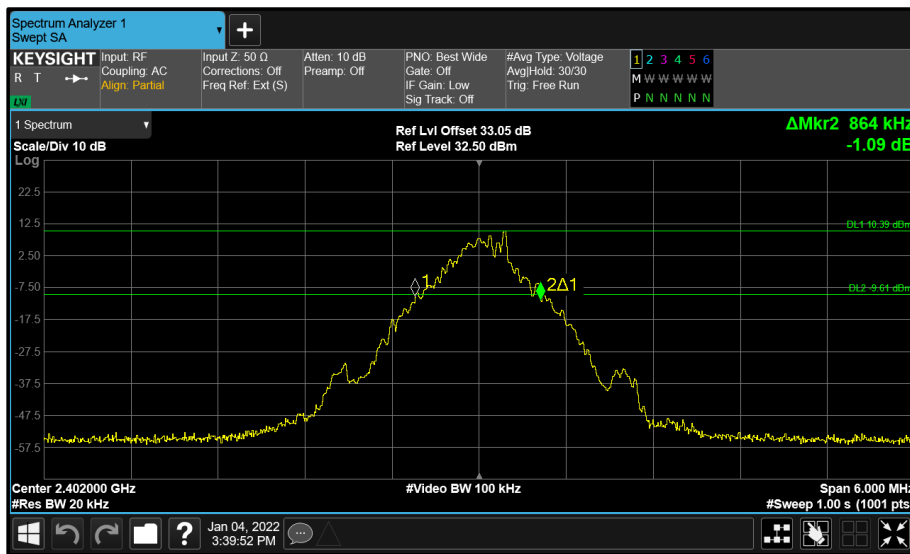


Figure 88 - Core 2 (C) 2402 MHz (CH0) 20 dB Bandwidth

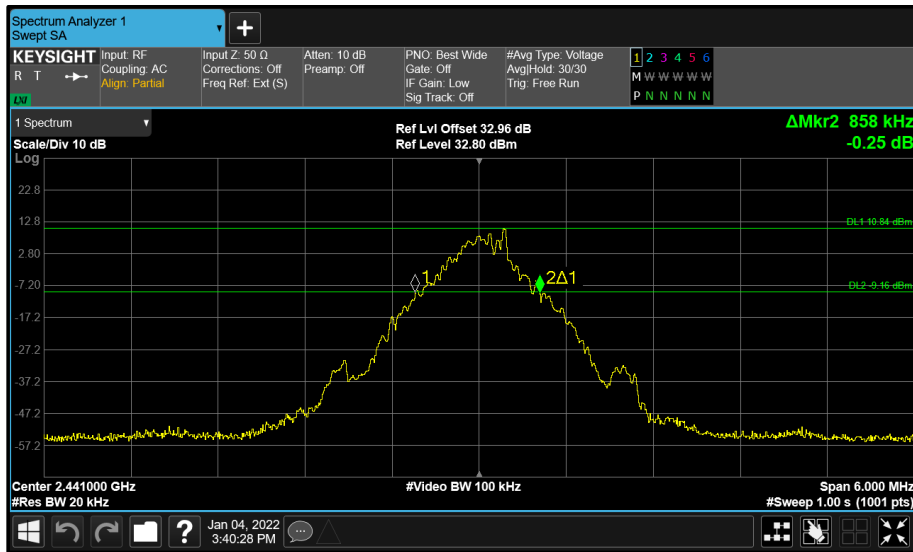


Figure 89 - Core 2 (C) 2441 MHz (CH39) 20 dB Bandwidth

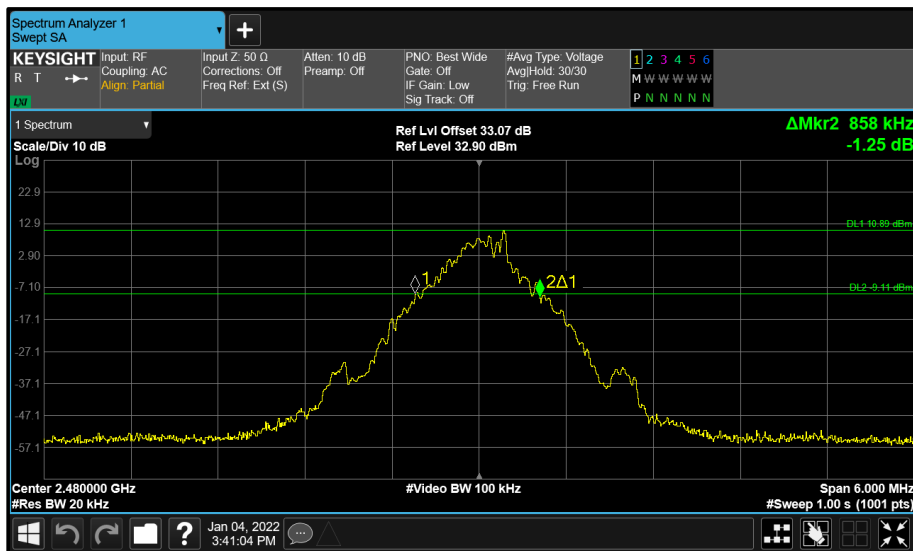


Figure 90 - Core 2 (C) 2480 MHz (CH78) 20 dB Bandwidth



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	0.933	0.933	-	-
2441	0.933	0.933	-	-
2480	0.936	0.933	-	-

Table 52 - 20 dB Bandwidth Results

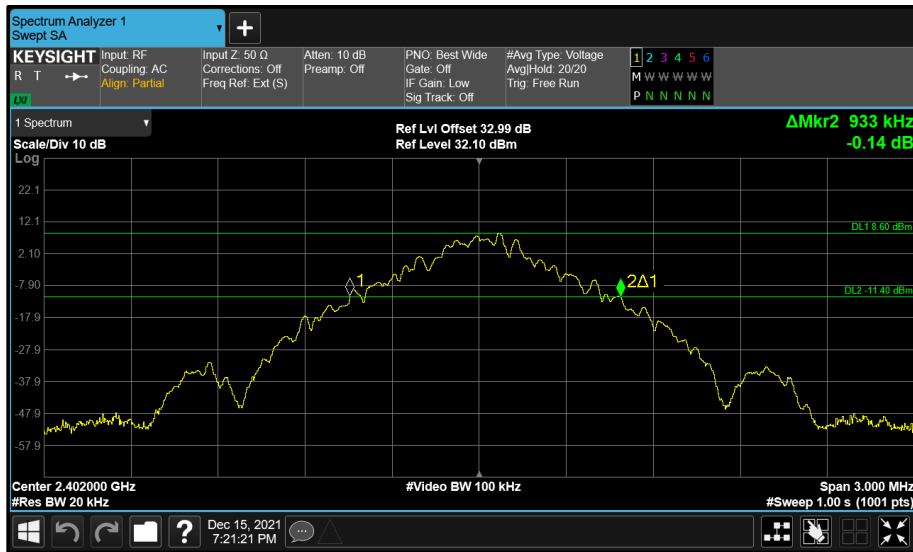


Figure 91 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

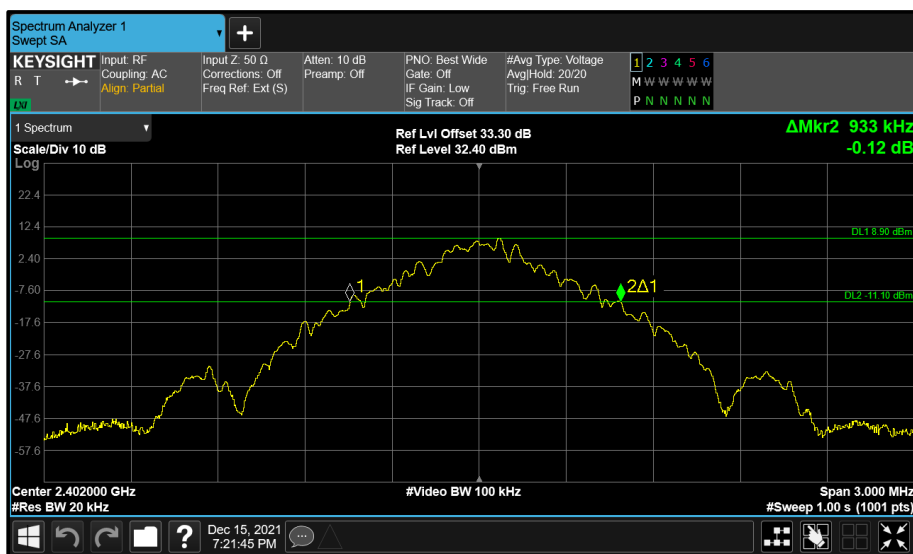


Figure 92 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

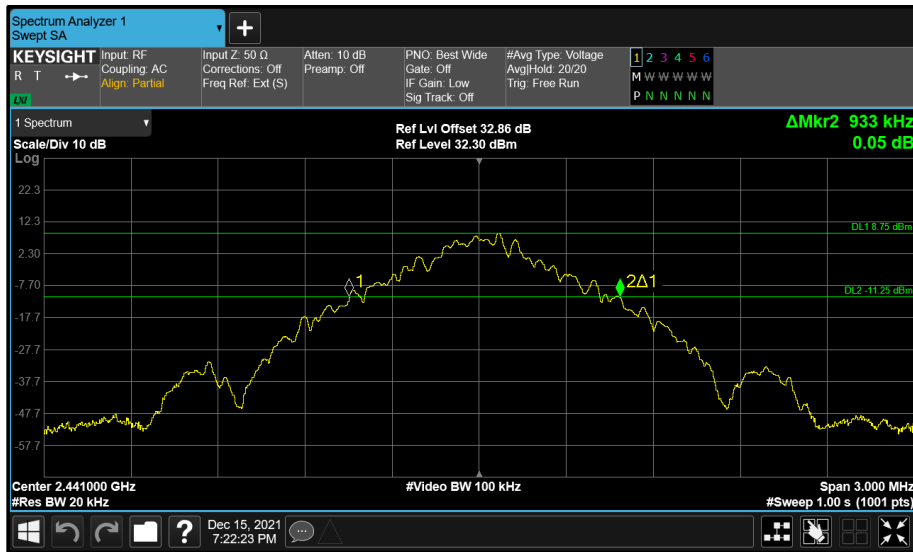


Figure 93 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

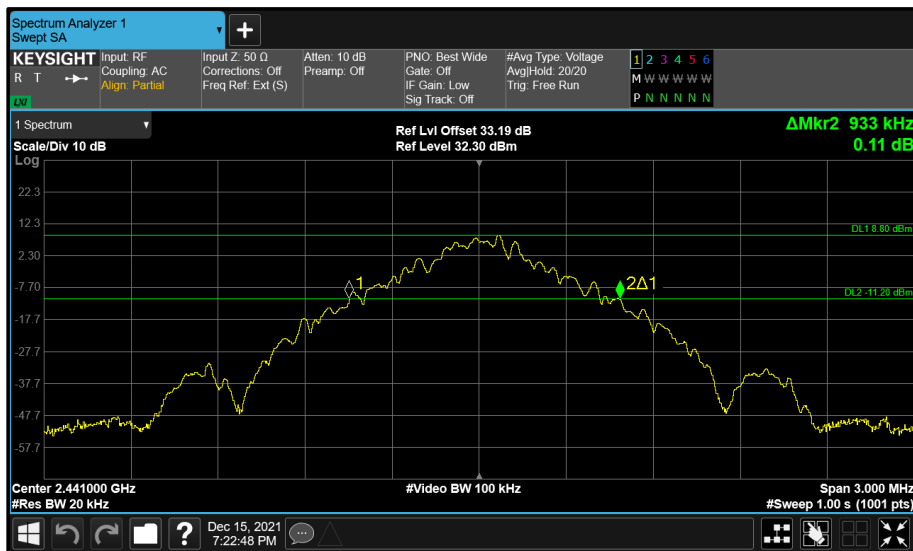


Figure 94 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

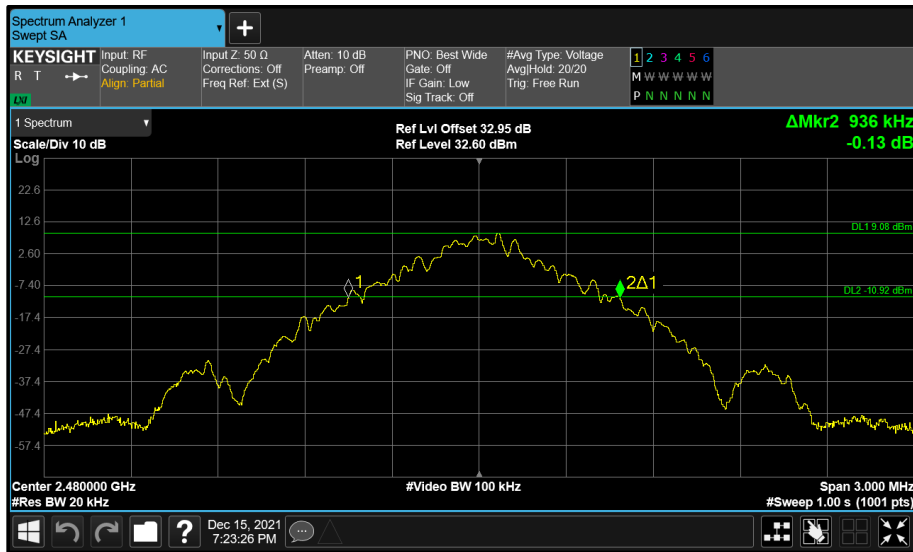


Figure 95 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

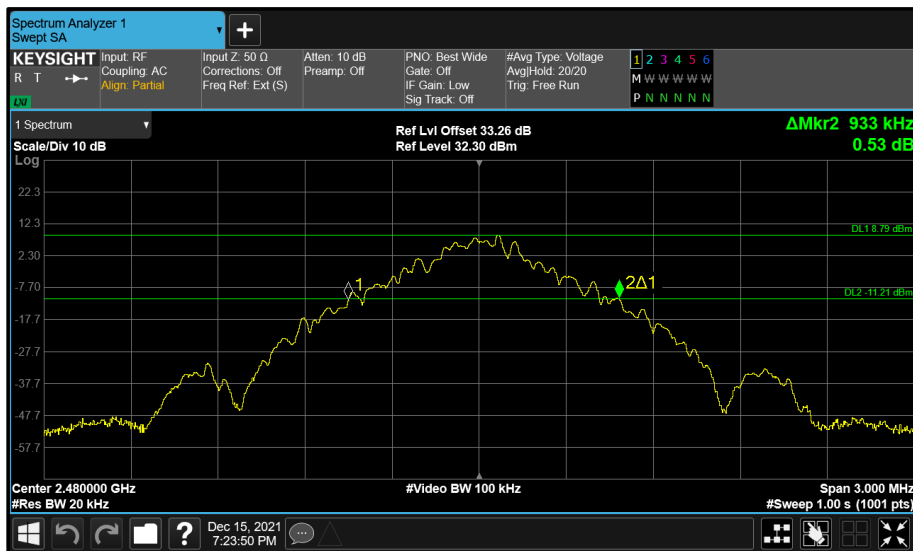


Figure 96 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



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 $\pi/4$ 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	1.360	-	-	-
2441	1.365	-	-	-
2480	1.360	-	-	-

Table 53 - 20 dB Bandwidth Results

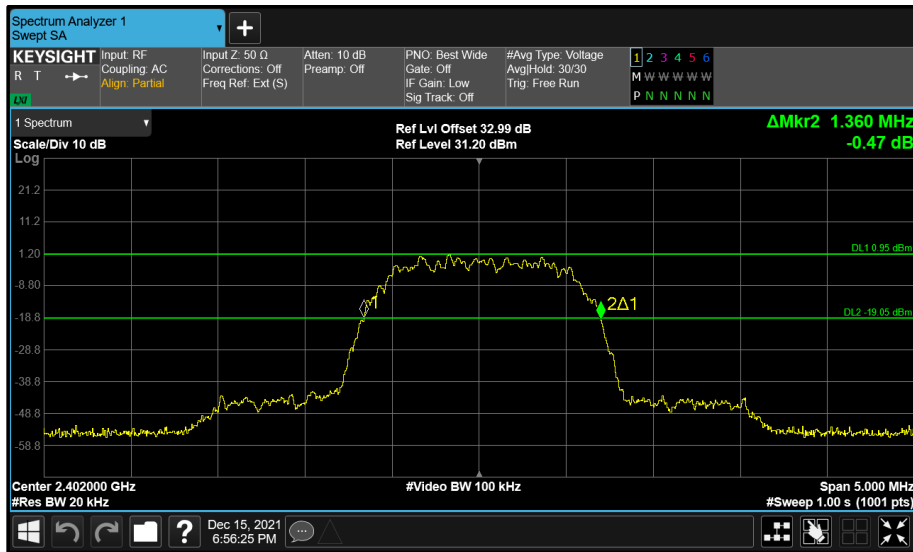


Figure 97 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

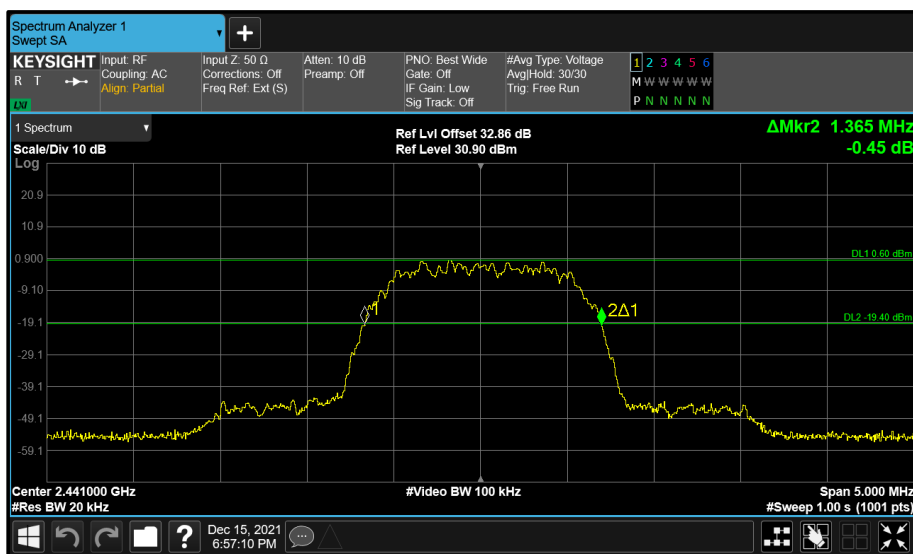


Figure 98 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

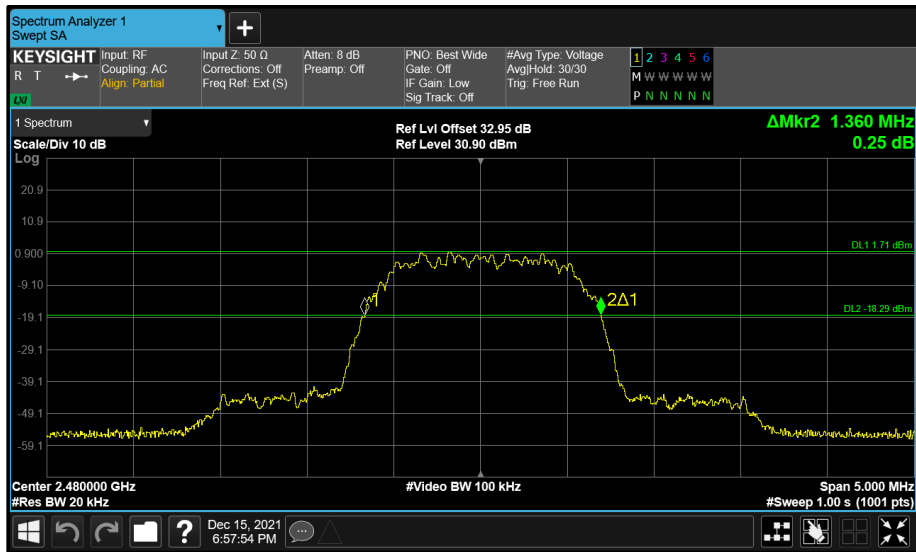


Figure 99 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth



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):	A (Core 0)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	20 dB Bandwidth (MHz)			
	A	B	C	D
2402	1.350	-	-	-
2441	1.355	-	-	-
2480	1.355	-	-	-

Table 54 - 20 dB Bandwidth Results

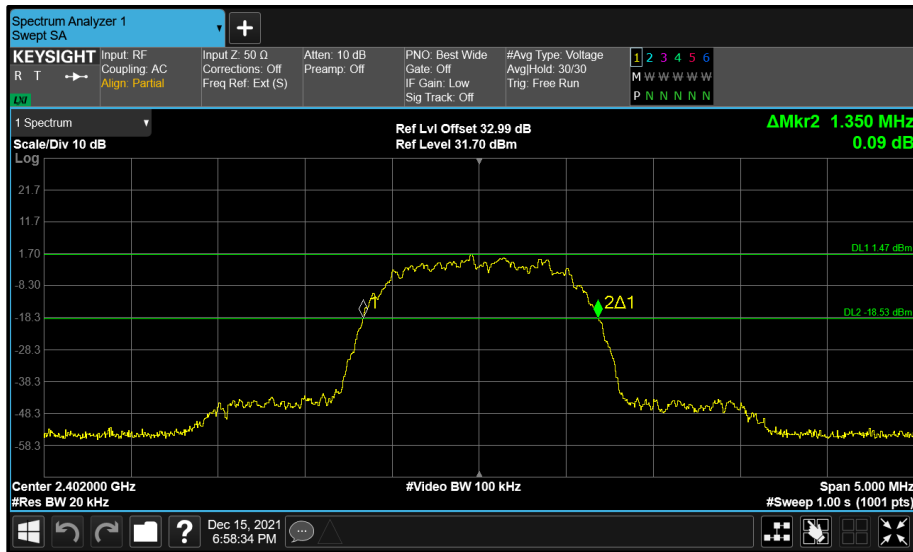


Figure 100 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

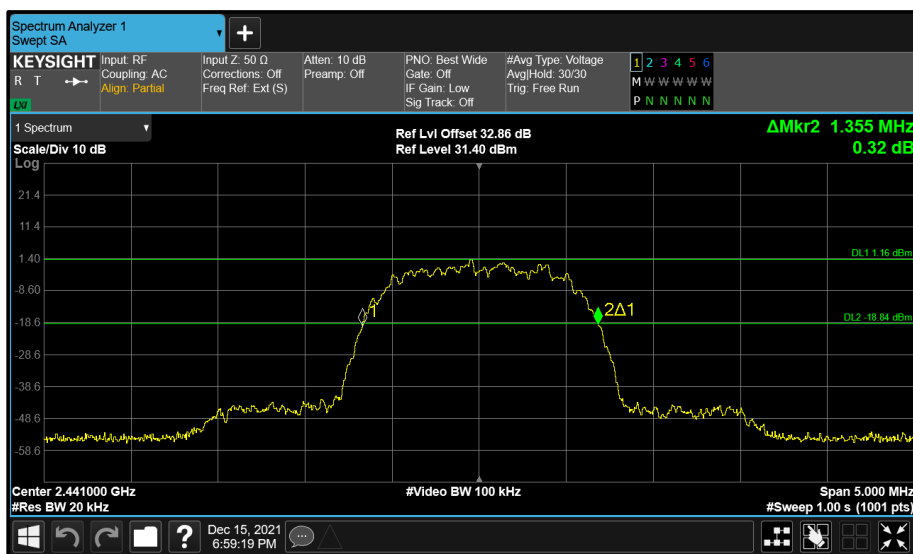


Figure 101 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

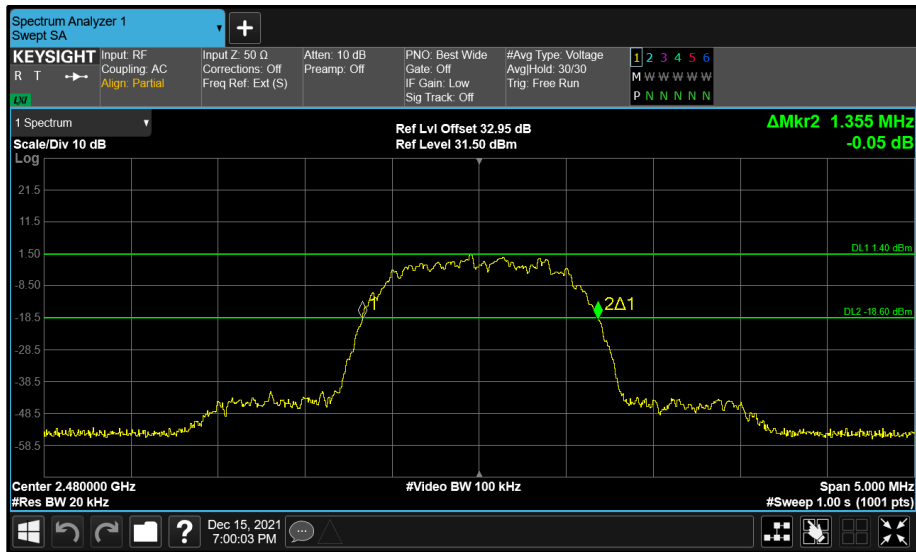


Figure 102 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth



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 $\pi/4$ DQPSK (2-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	-	-	1.325	-
2441	-	-	1.330	-
2480	-	-	1.325	-

Table 55 - 20 dB Bandwidth Results

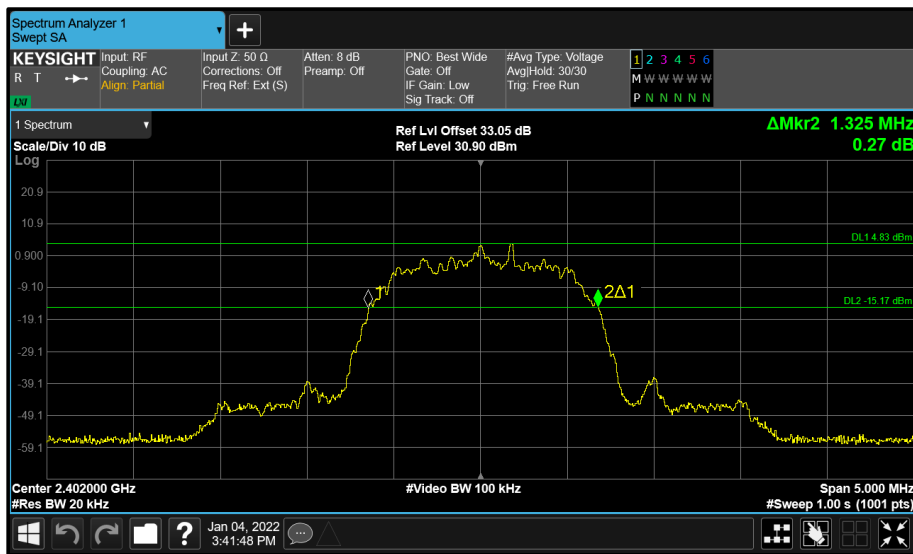


Figure 103 - Core 2 (C) 2402 MHz (CH0) 20 dB Bandwidth

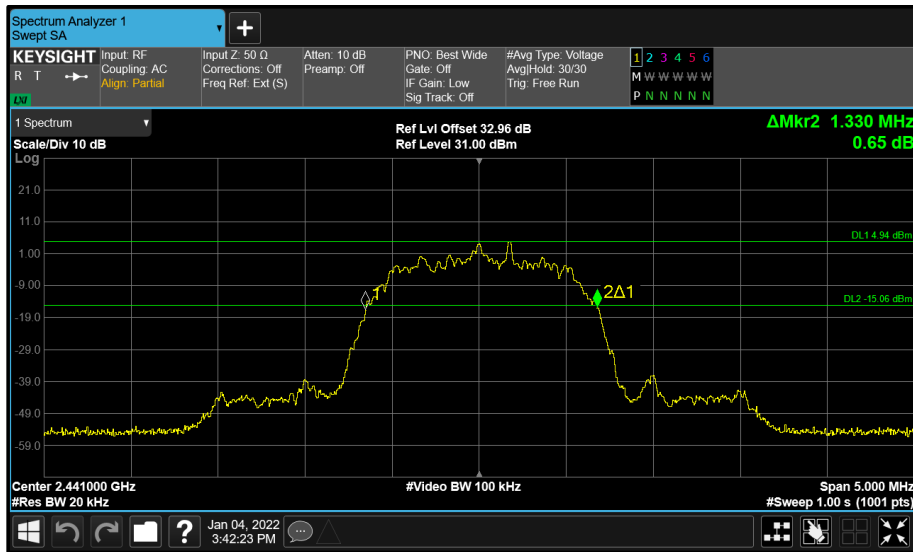


Figure 104 - Core 2 (C) 2441 MHz (CH39) 20 dB Bandwidth

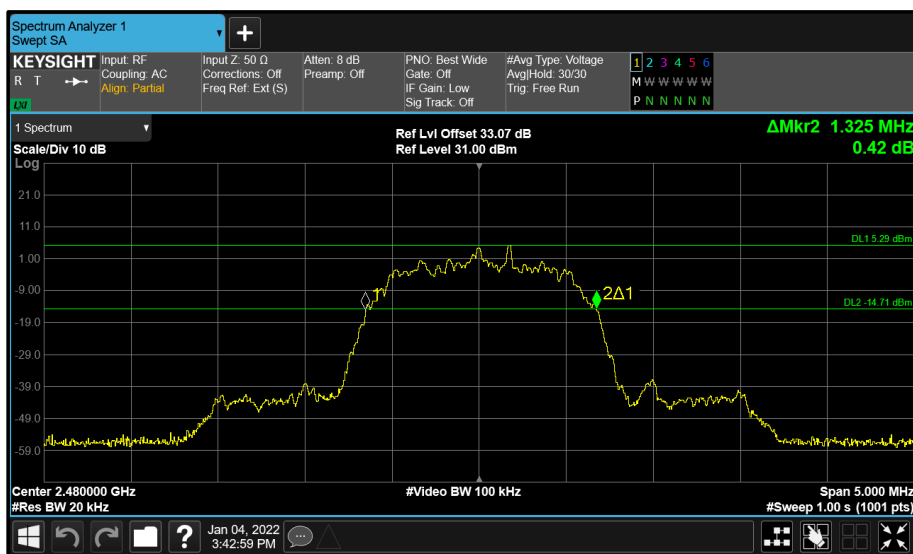


Figure 105 - Core 2 (C) 2480 MHz (CH78) 20 dB Bandwidth



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 55 - 20 dB Bandwidth Results

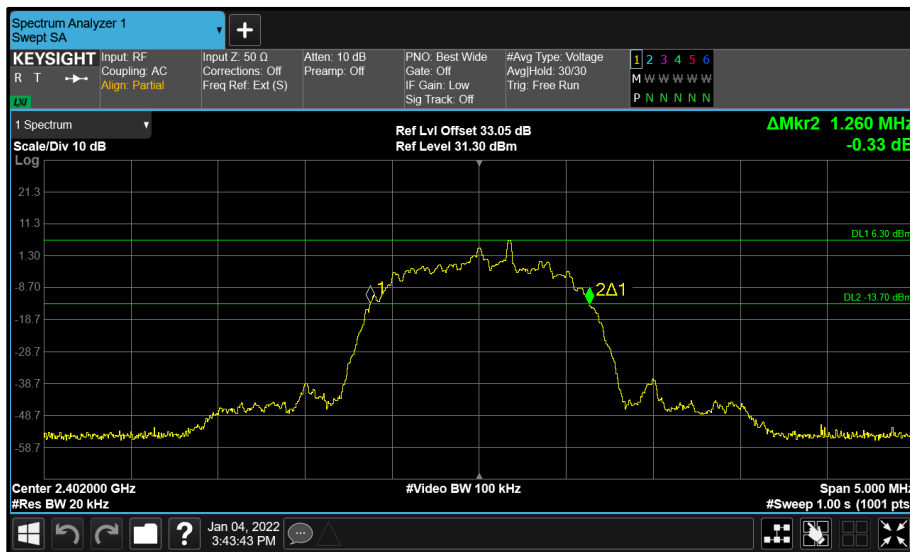


Figure 106 - Core 2 (C) 2402 MHz (CH0) 20 dB Bandwidth

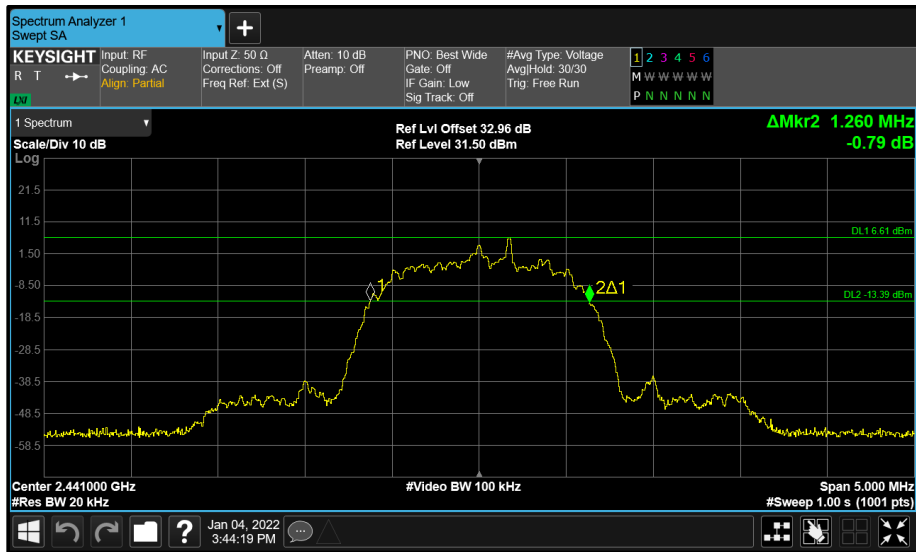


Figure 107 - Core 2 (C) 2441 MHz (CH39) 20 dB Bandwidth

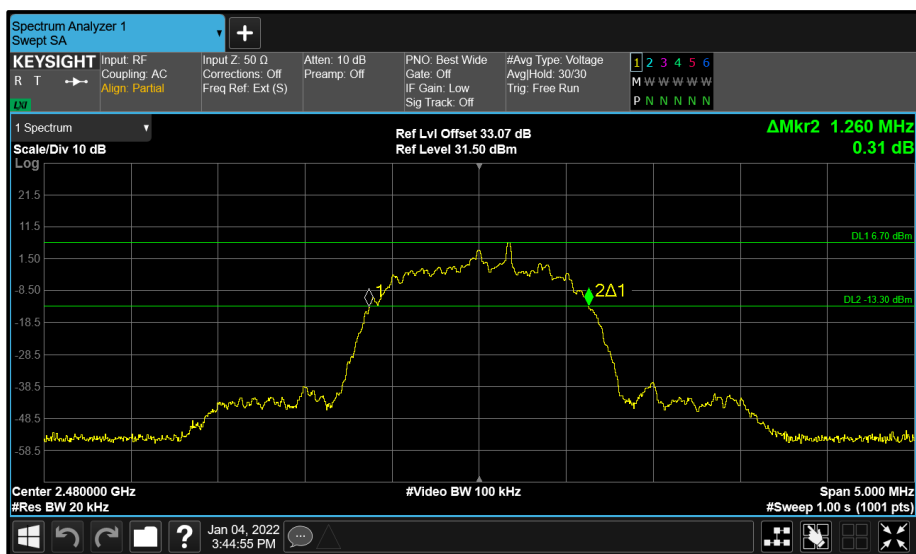


Figure 108 - Core 2 (C) 2480 MHz (CH78) 20 dB Bandwidth



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 $\pi/4$ 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	1.365	1.365	-	-
2441	1.365	1.365	-	-
2480	1.365	1.365	-	-

Table 55 - 20 dB Bandwidth Results

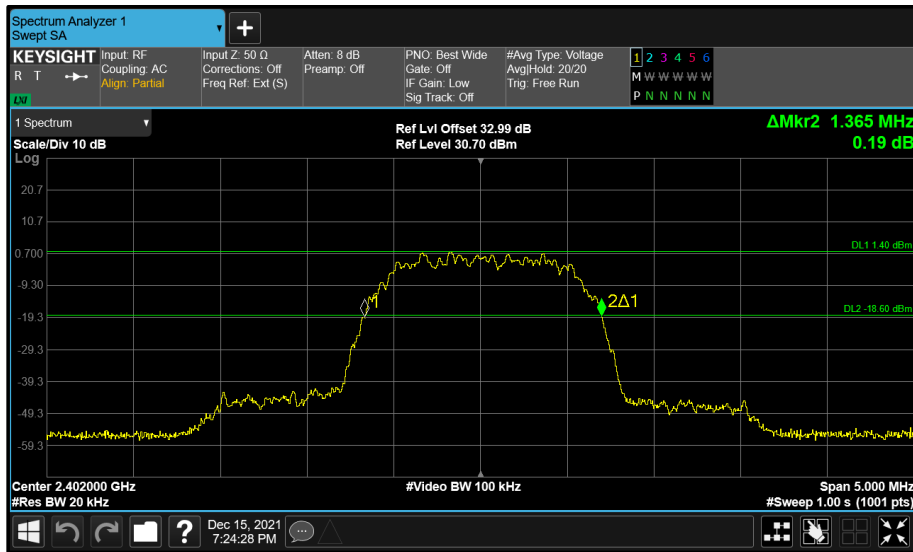


Figure 109 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

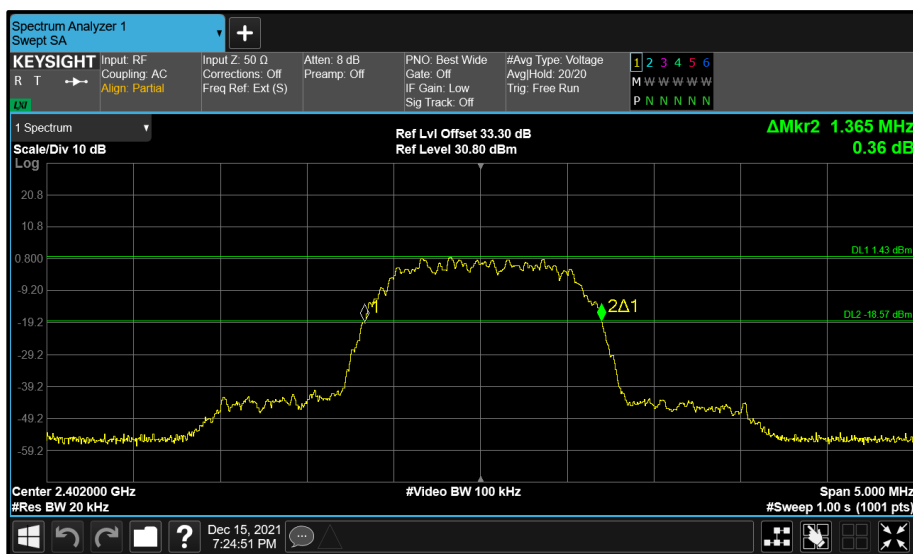


Figure 110 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

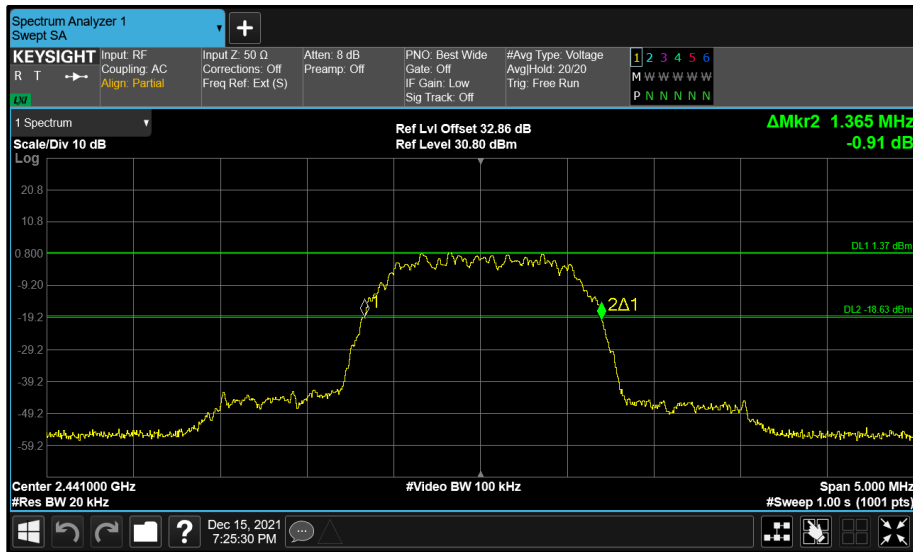


Figure 111 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

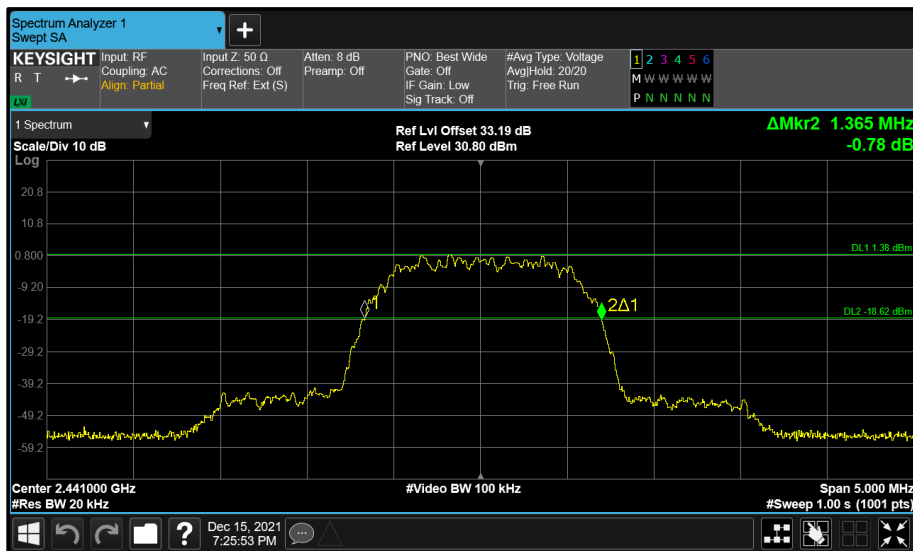


Figure 112 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

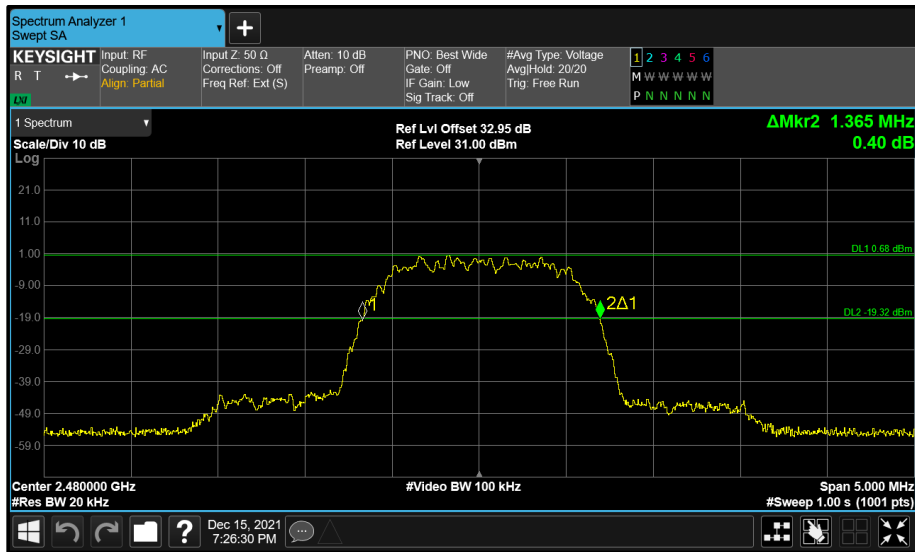


Figure 113 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

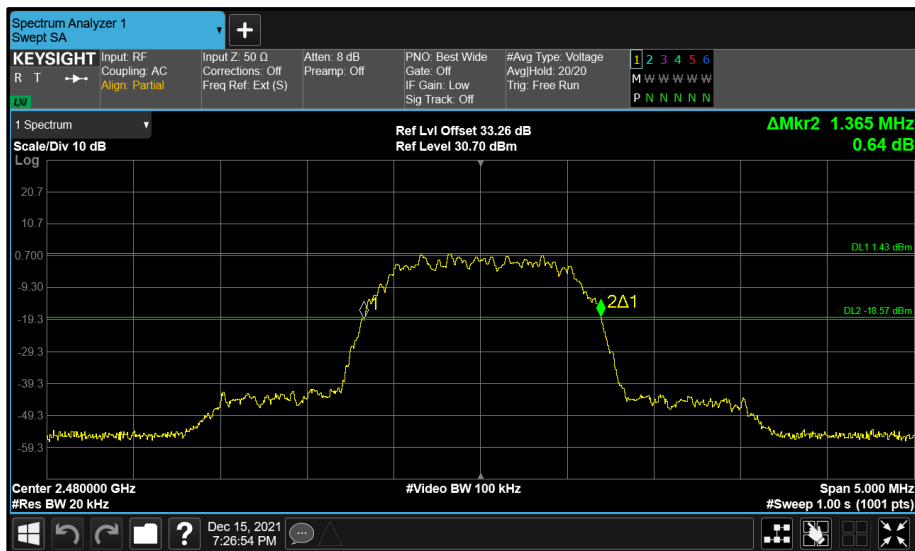


Figure 114 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth



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	1.350	1.350	-	-
2441	1.355	1.355	-	-
2480	1.355	1.355	-	-

Table 56 - 20 dB Bandwidth Results

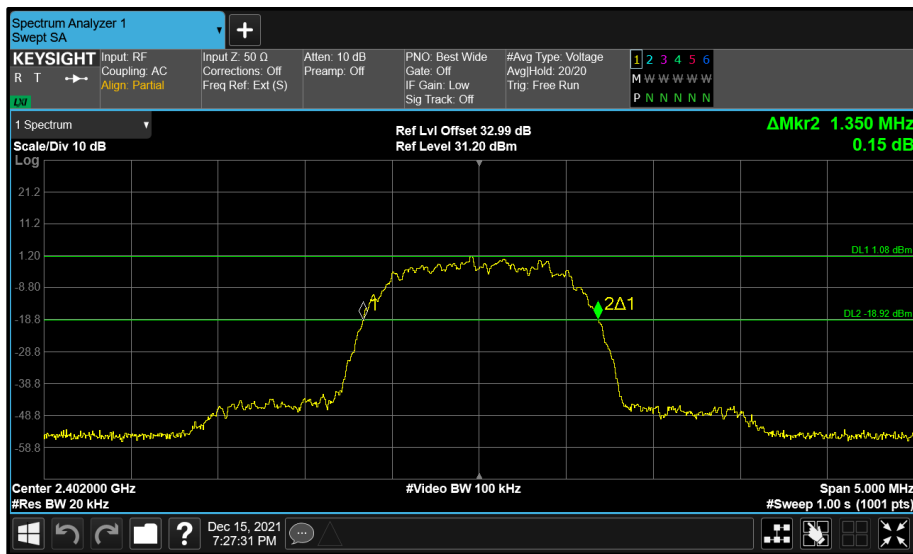


Figure 115 - Core 0 (A) 2402 MHz (CH0) 20 dB Bandwidth

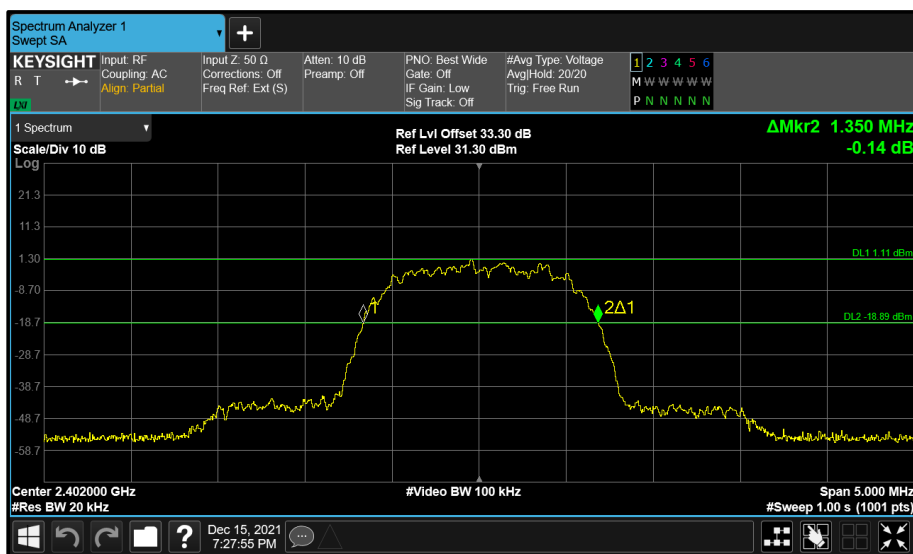


Figure 116 - Core 1 (B) 2402 MHz (CH0) 20 dB Bandwidth

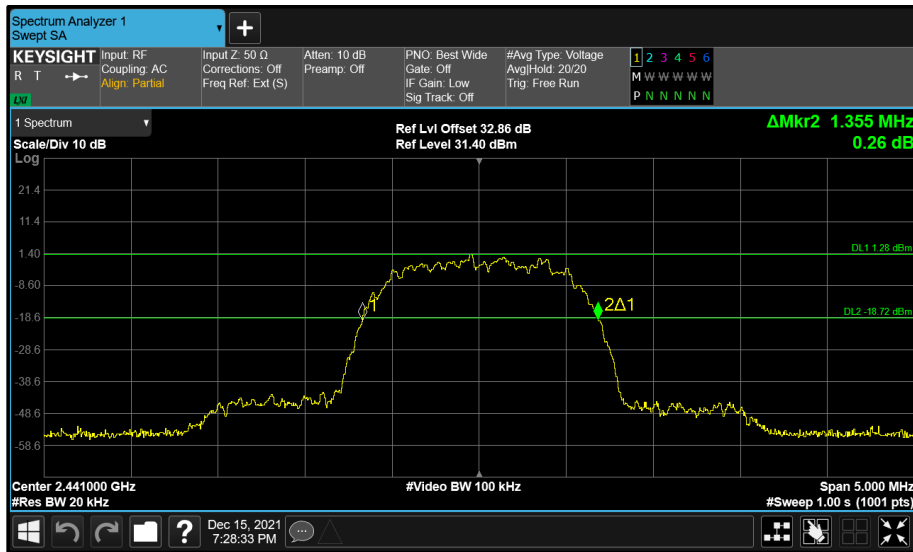


Figure 117 - Core 0 (A) 2441 MHz (CH39) 20 dB Bandwidth

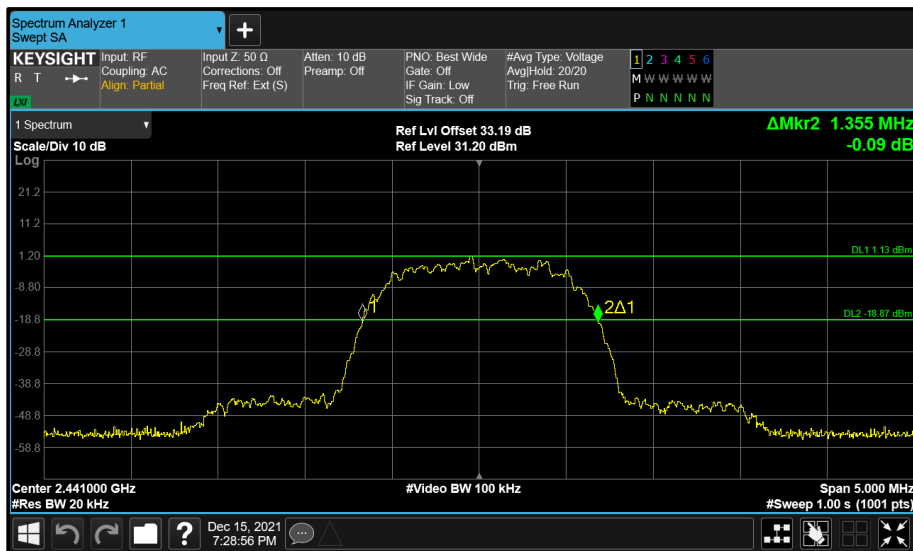


Figure 118 - Core 1 (B) 2441 MHz (CH39) 20 dB Bandwidth

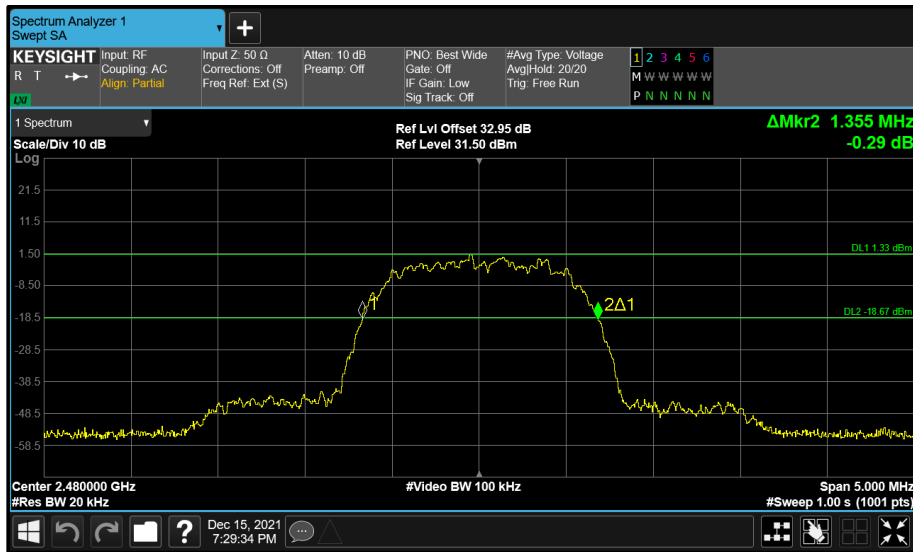


Figure 119 - Core 0 (A) 2480 MHz (CH78) 20 dB Bandwidth

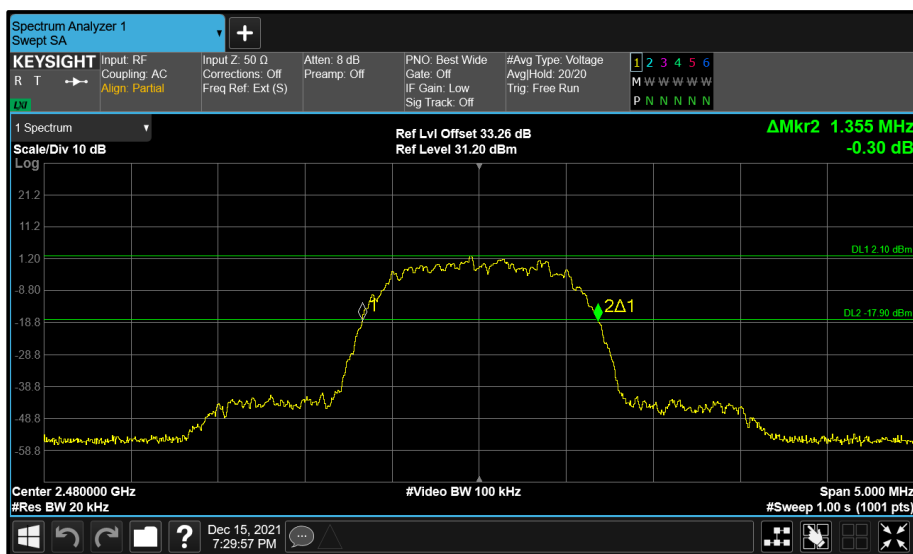


Figure 120 - Core 1 (B) 2480 MHz (CH78) 20 dB Bandwidth

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 Laboratory 1.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Expires
Multimeter	Fluke	79 Series II	3057	12	23-Aug-2022
Hygrometer	Rotronic	I-1000	3220	12	05-Nov-2022
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	03-Jan-2022
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	30-Jun-2022
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	04-Mar-2022
Signal Commissioning Unit	TUV SUD	SCU002	5759	12	30-Jun-2022

Table 57

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

A2615, S/N: H617C20363 - Modification State 0

2.6.3 Date of Test

15-December-2021 to 16-December-2021

2.6.4 Test Method

The test was performed in accordance with ANSI C63.10 clause 7.8.5.

The output power was verified as being the same from each transmit core, but the antenna gains were not identical, therefore the modes reported for SISO or 2x2 MIMO operation are those giving the highest EIRP and/or lowest conducted limit based on the combination of antennas giving highest total directional gain.

MIMO output port summing was performed in accordance with KDB 662911 D01 clause F)2)d)(i).

2.6.5 Environmental Conditions

Ambient Temperature	22.6 - 23.5 °C
Relative Humidity	31.7 - 44.3 %