Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2404	1.896	1.896	-	-	1.896	≥500.0
2441	1.904	1.896	-	-	1.896	≥500.0
2476	1.896	1.888	-	-	1.888	≥500.0

Table 65 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2404	2.328	2.320	-	-	2.320	-
2441	2.320	2.328	-	-	2.320	-
2476	2.320	2.320	-	-	2.320	-

Table 66 - 99% Bandwidth Results

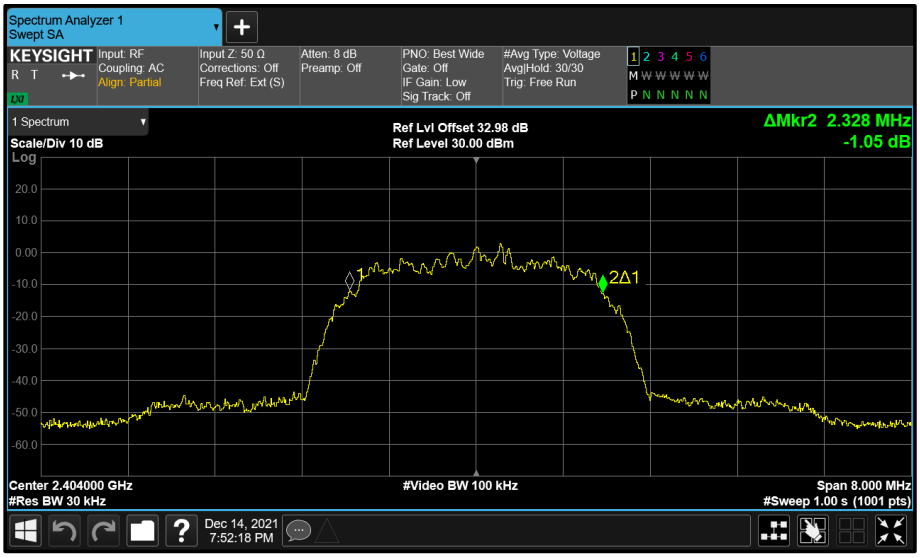

Figure 173 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

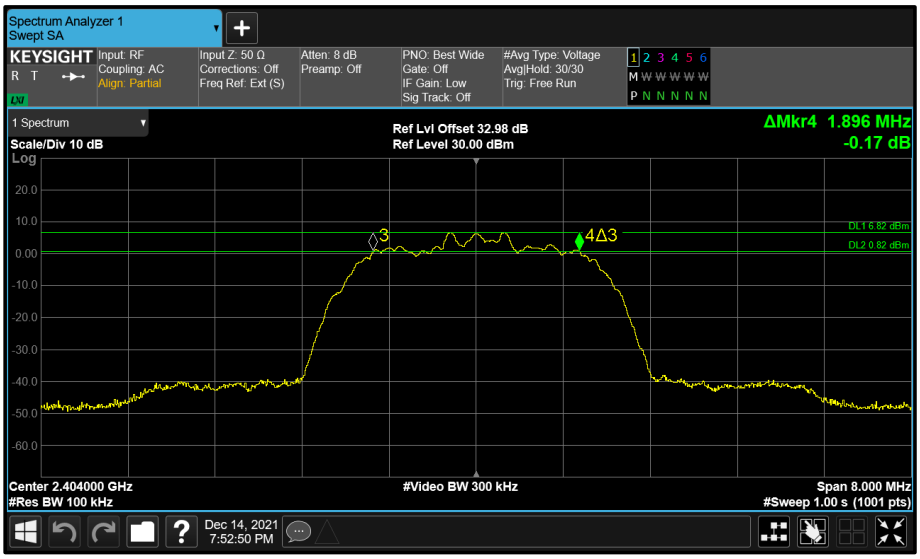

Figure 174 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

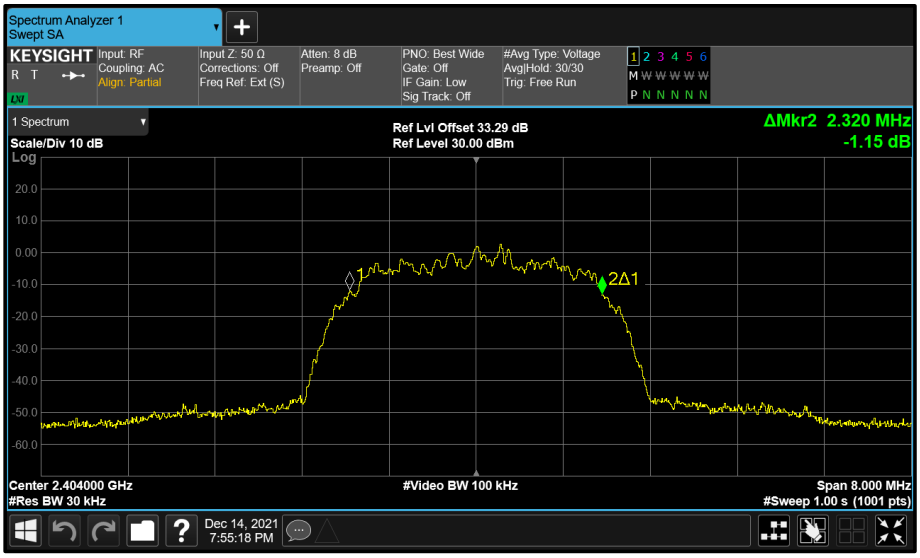

Figure 175 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

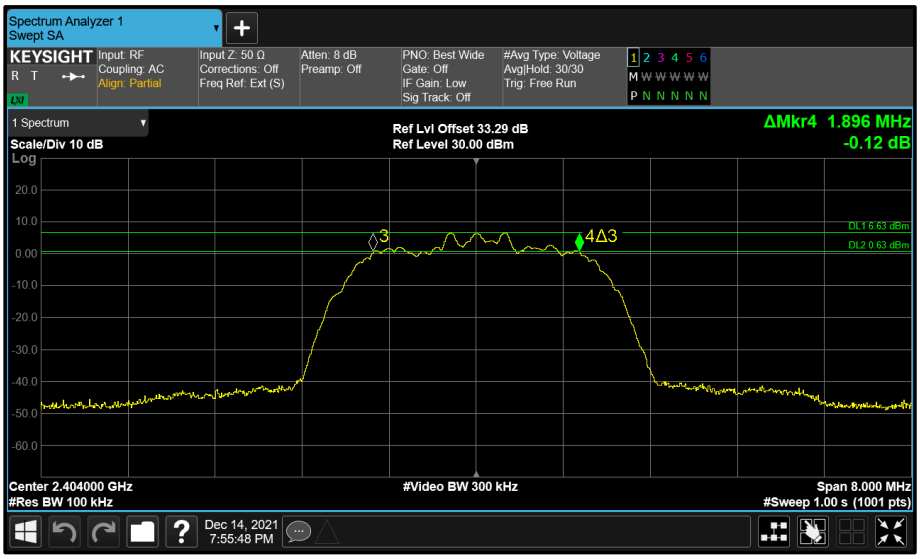

Figure 176 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

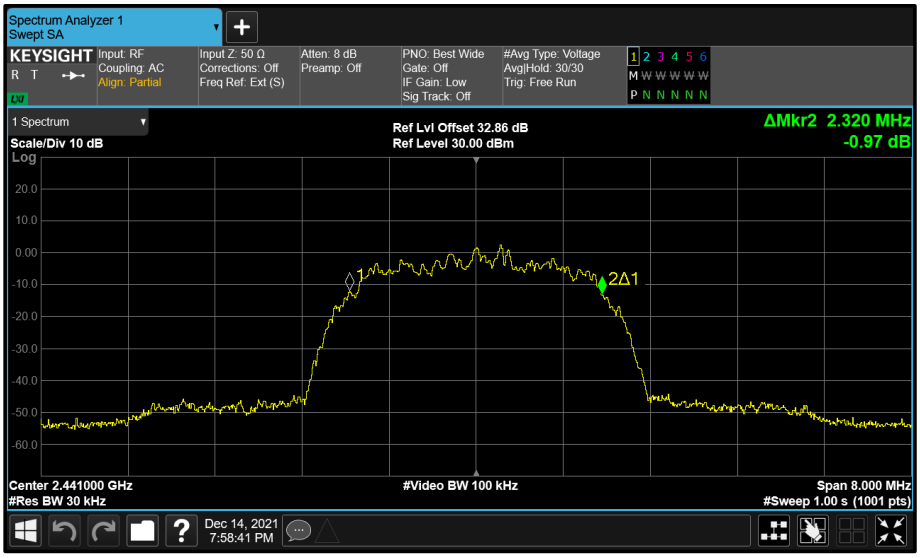

Figure 177 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

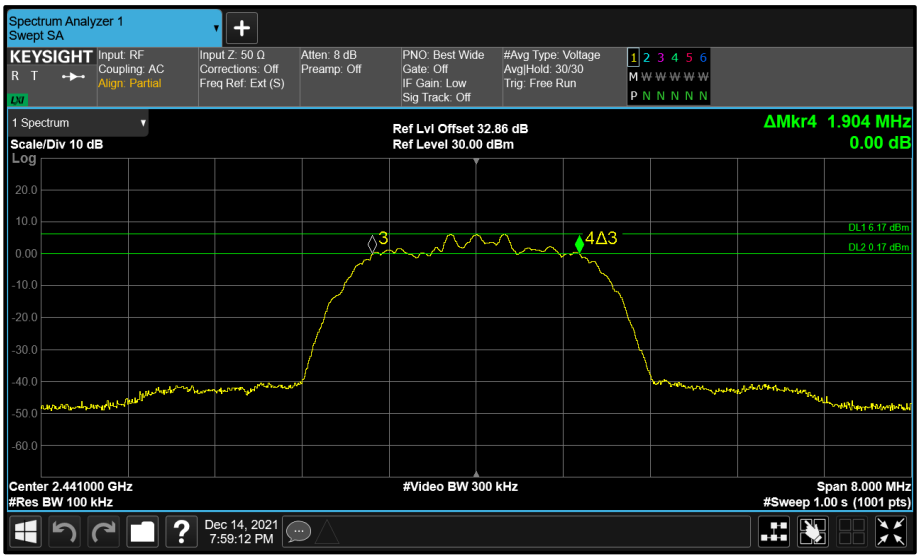

Figure 178 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

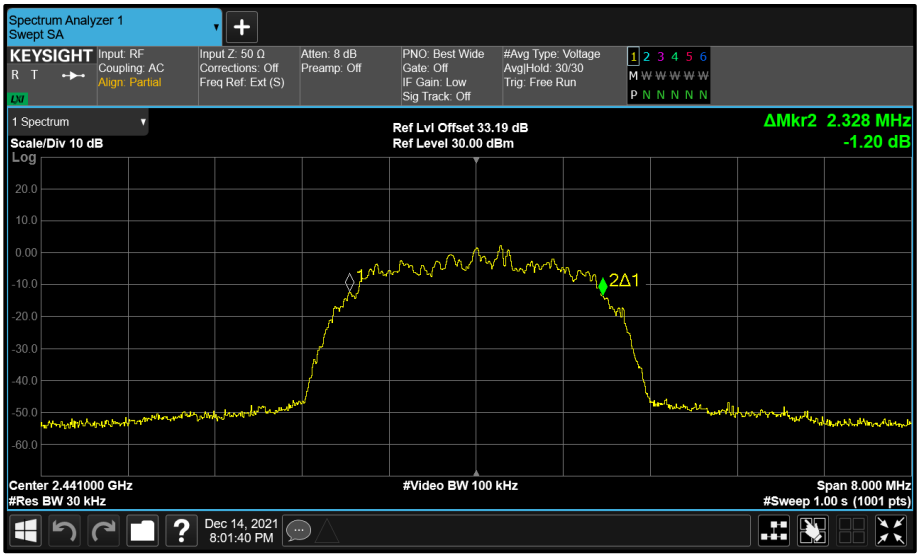

Figure 179 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

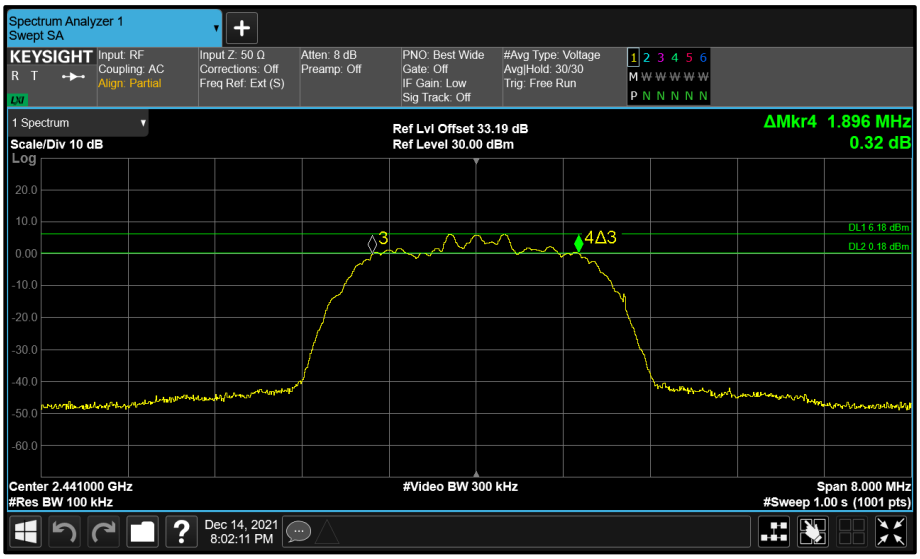

Figure 180 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

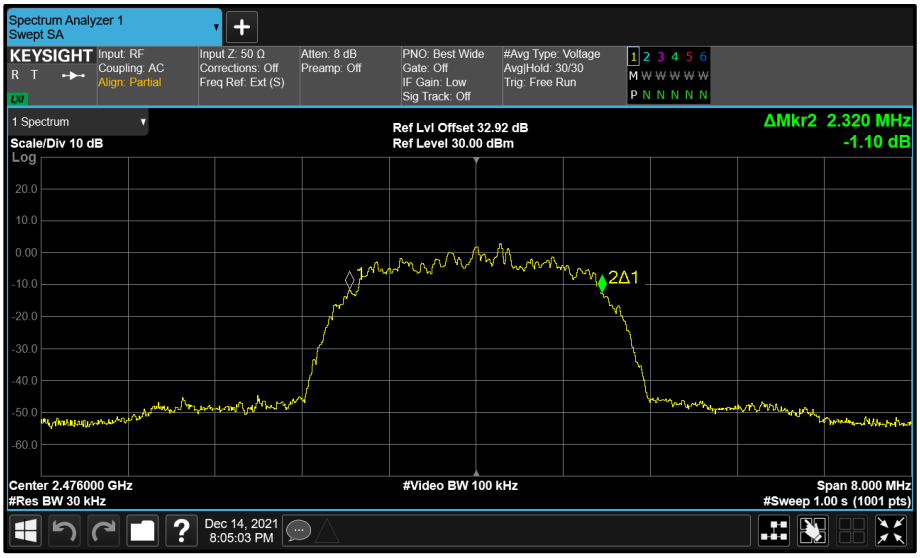

Figure 181 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

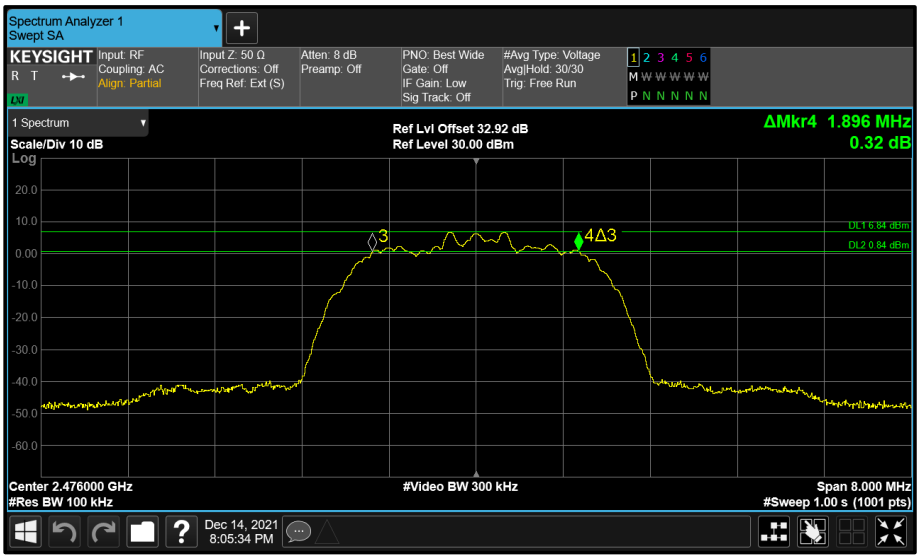

Figure 182 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

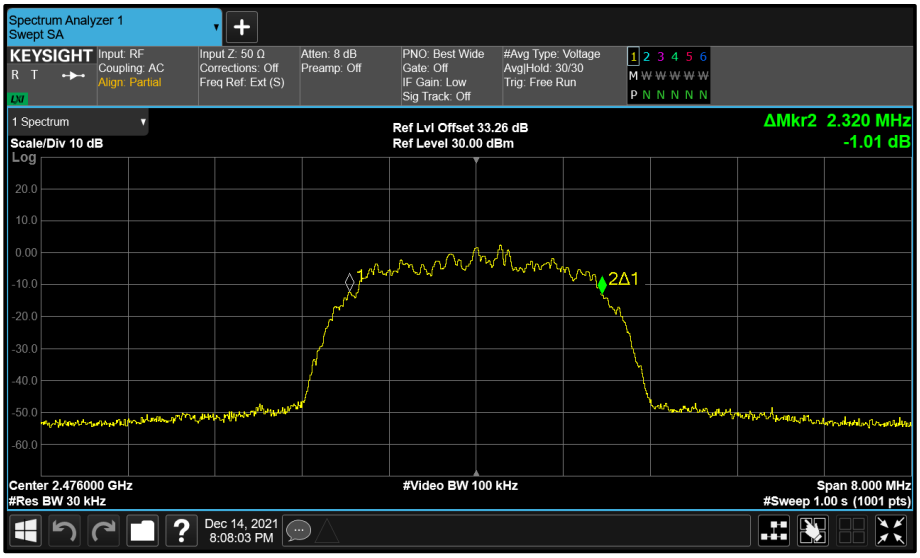

Figure 183 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

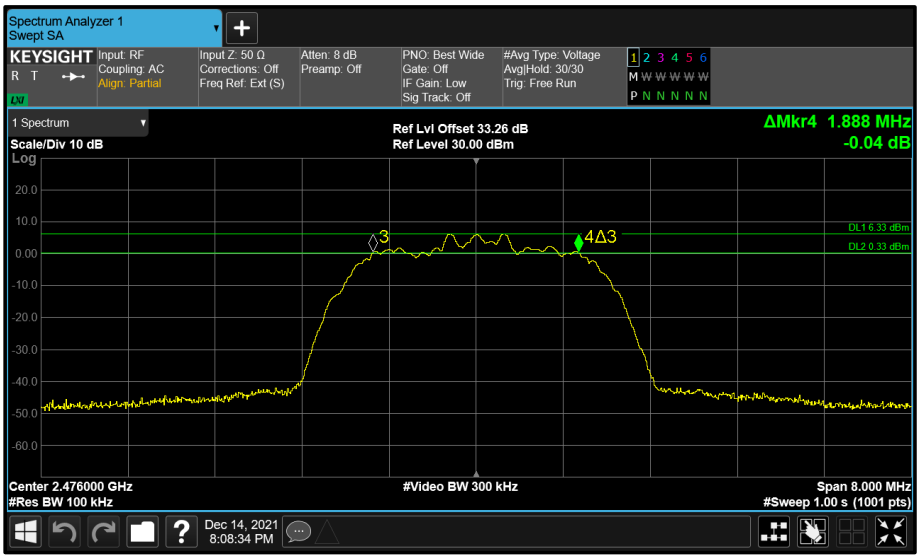

Figure 184 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA π/4 DQPSK (8-DH5)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2404	1.020	1.020	-	-	1.020	≥500.0
2441	1.005	1.005	-	-	1.005	≥500.0
2476	1.005	1.005	-	-	1.005	≥500.0

Table 67 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2404	4.440	4.440	-	-	4.440	-
2441	4.440	4.440	-	-	4.440	-
2476	4.440	4.440	-	-	4.440	-

Table 68 - 99% Bandwidth Results

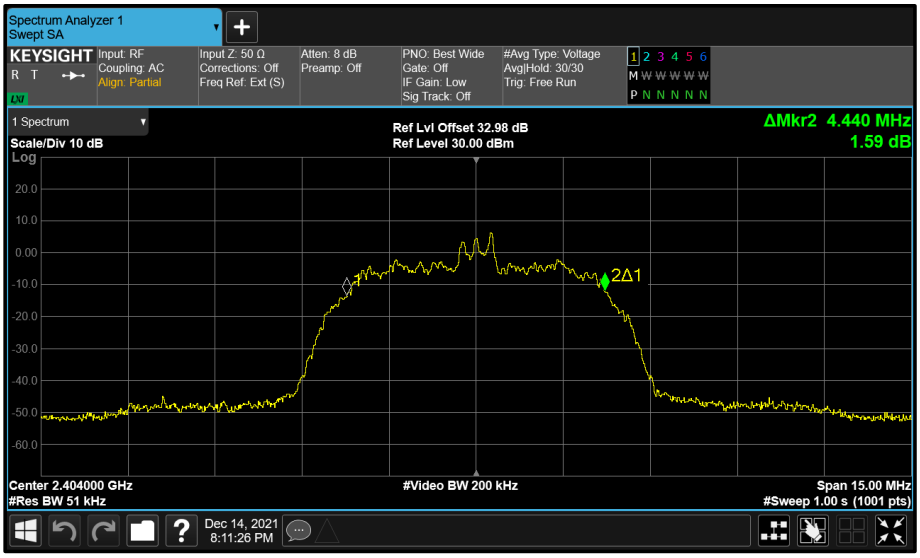

Figure 185 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

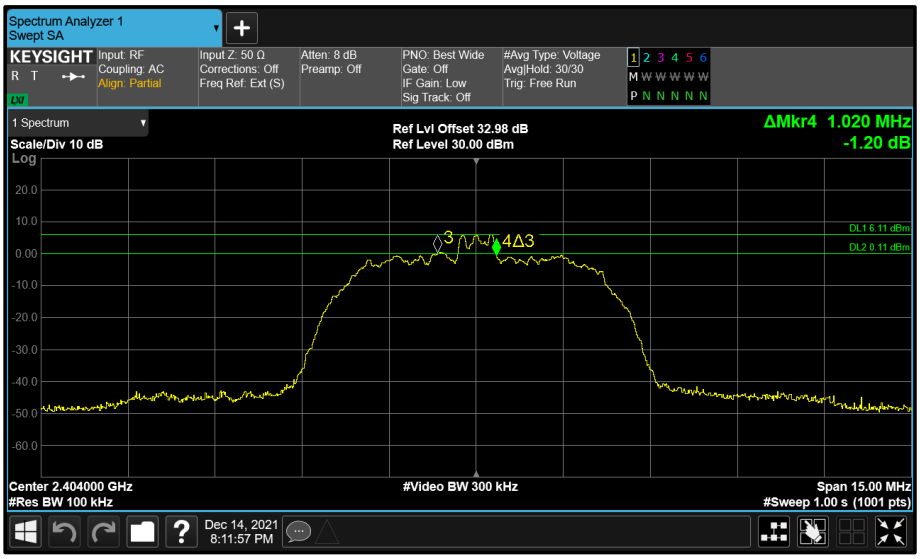

Figure 186 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

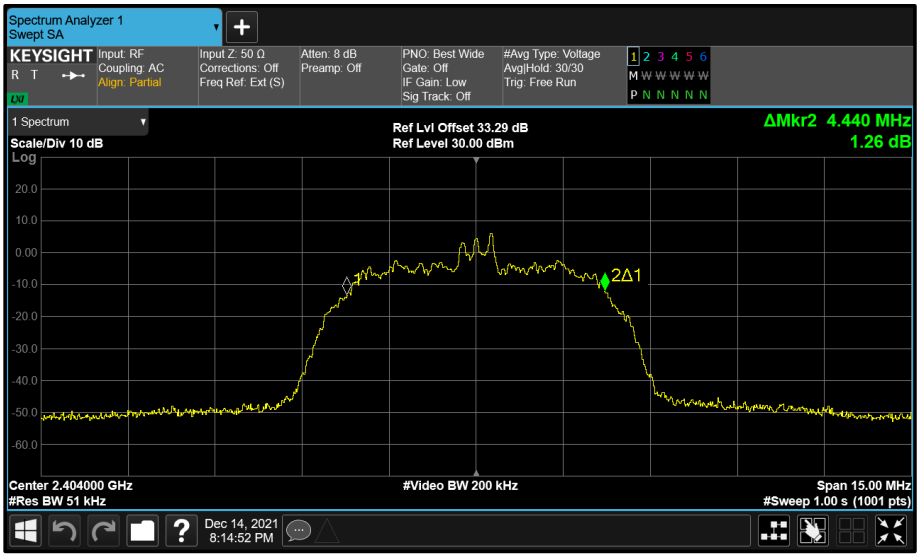

Figure 187 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

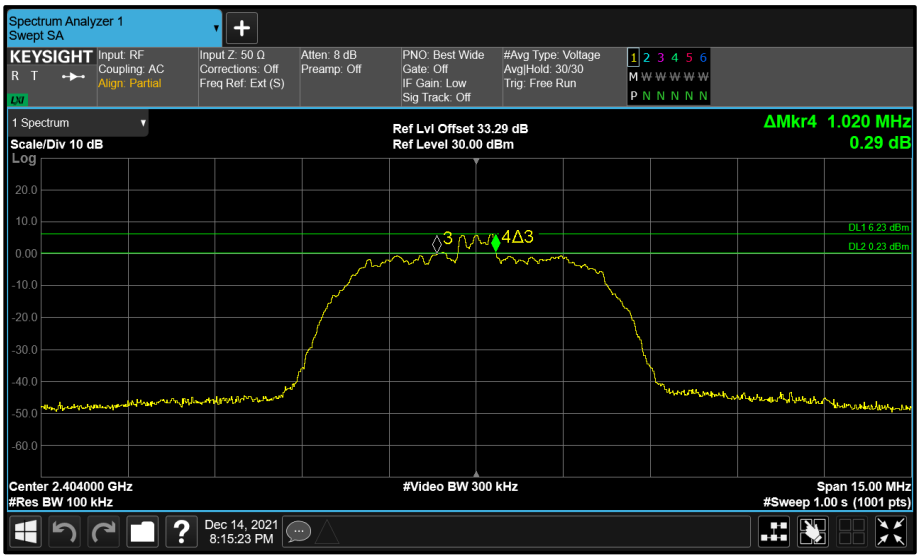

Figure 188 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

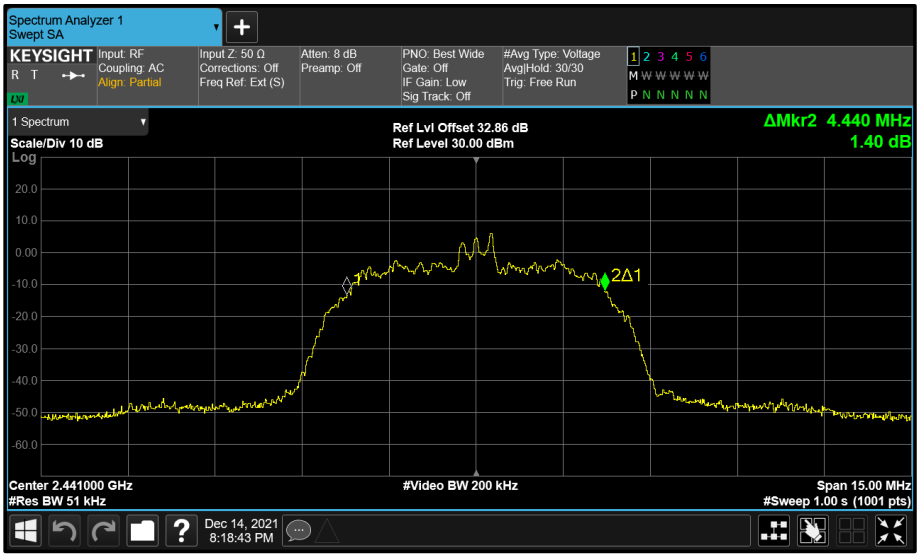

Figure 189 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

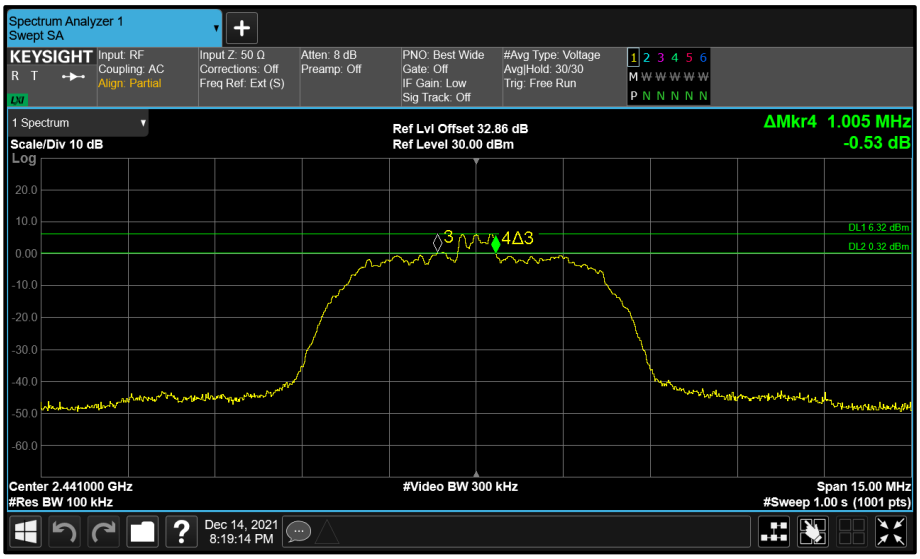

Figure 190 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

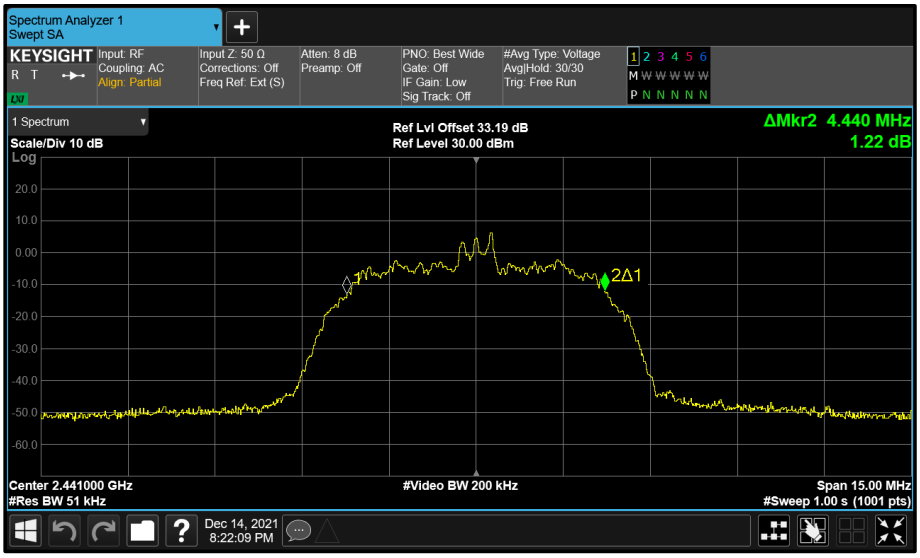

Figure 191 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

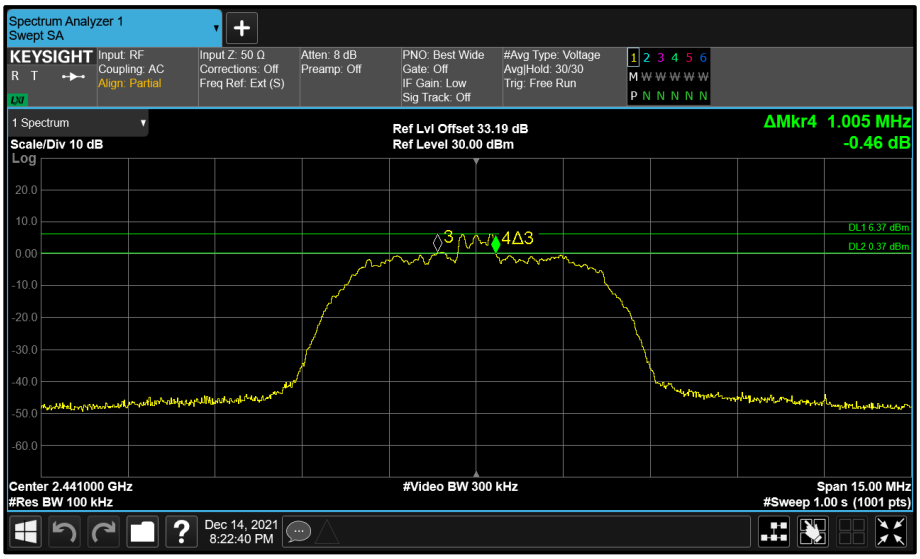

Figure 192 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

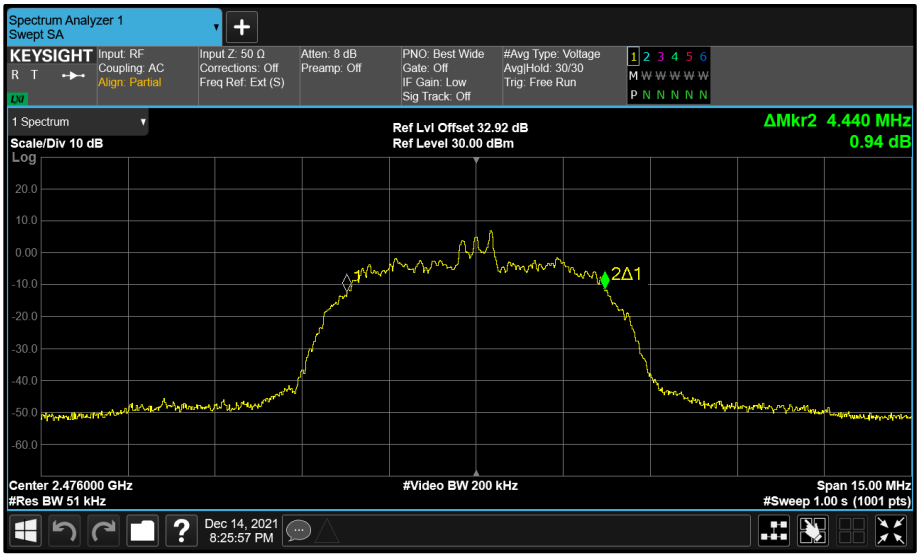

Figure 193 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

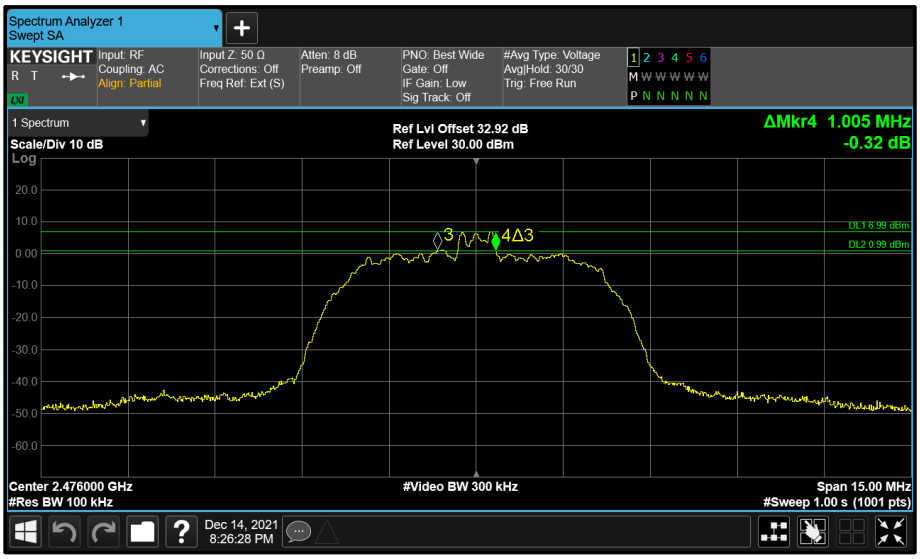

Figure 194 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

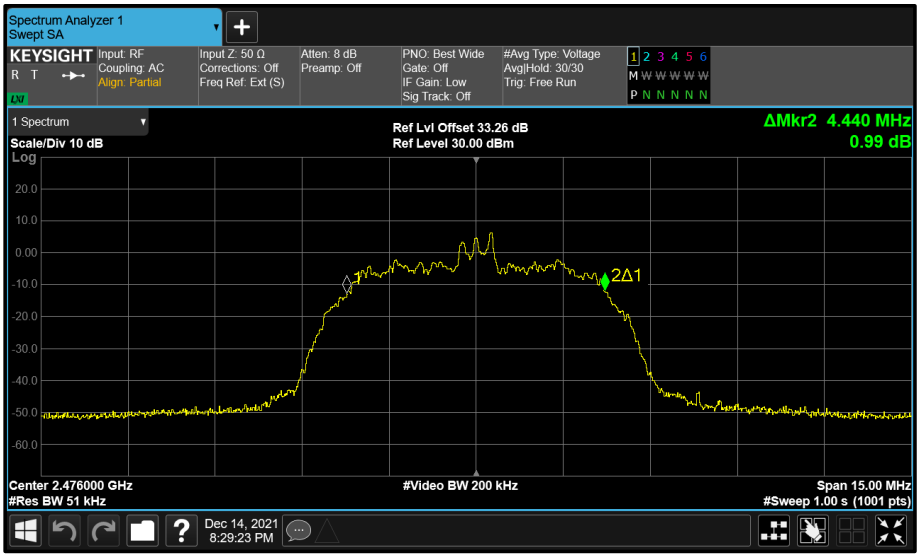

Figure 195 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

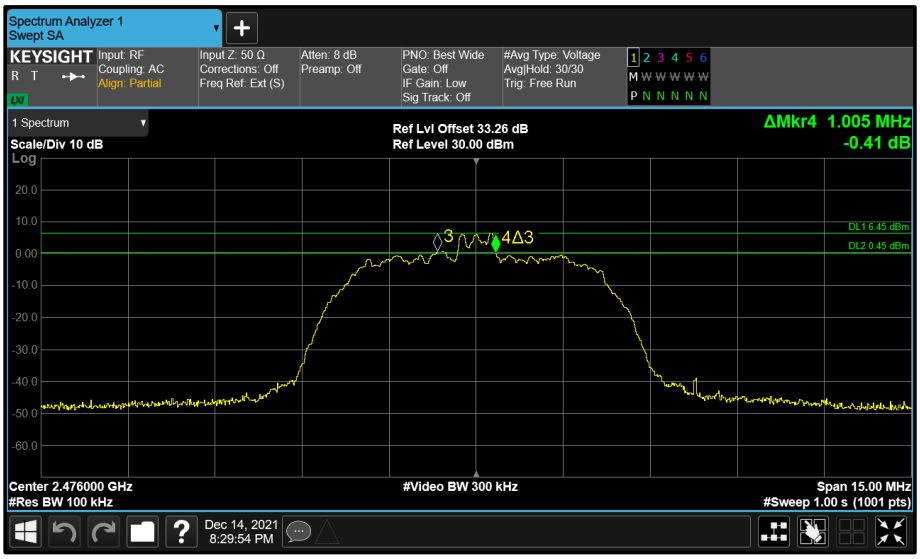

Figure 196 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	0.724	-	-	-	0.724	≥500.0
2440	0.696	-	-	-	0.696	≥500.0
2480	0.728	-	-	-	0.728	≥500.0

Table 69 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	1.036	-	-	-	1.036	-
2440	1.036	-	-	-	1.036	-
2480	1.032	-	-	-	1.032	-

Table 70 - 99% Bandwidth Results

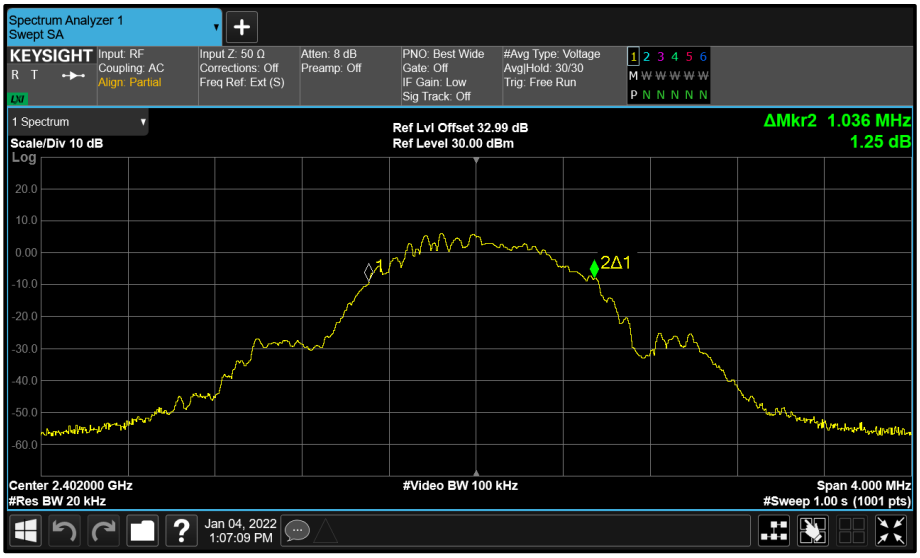

Figure 197 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

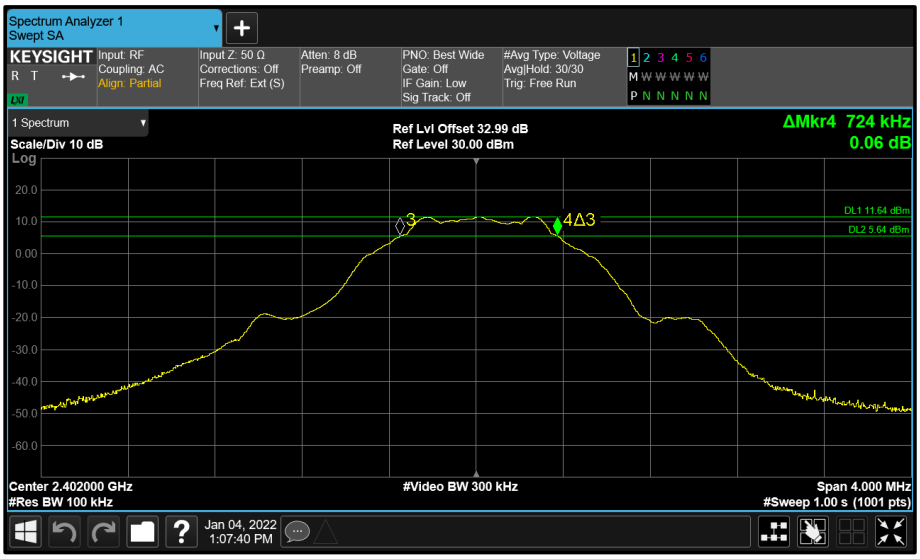

Figure 198 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

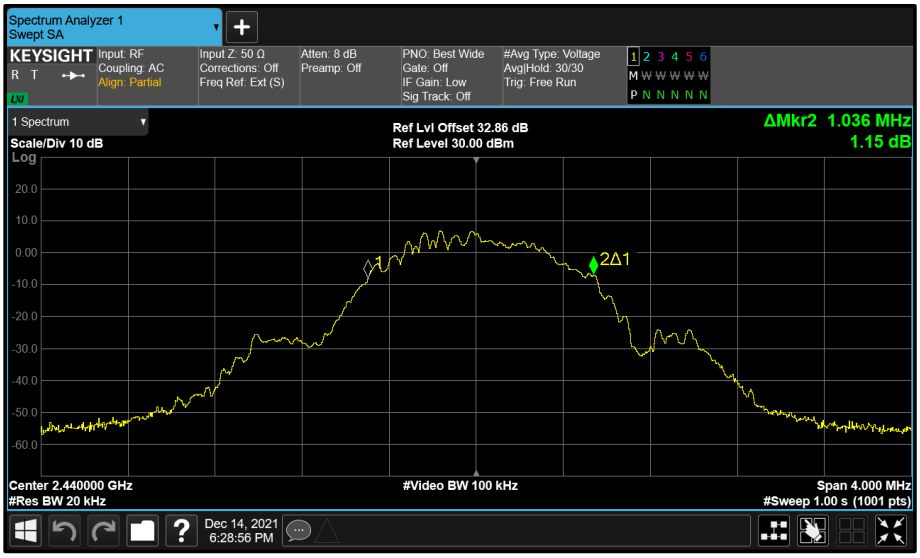

Figure 199 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

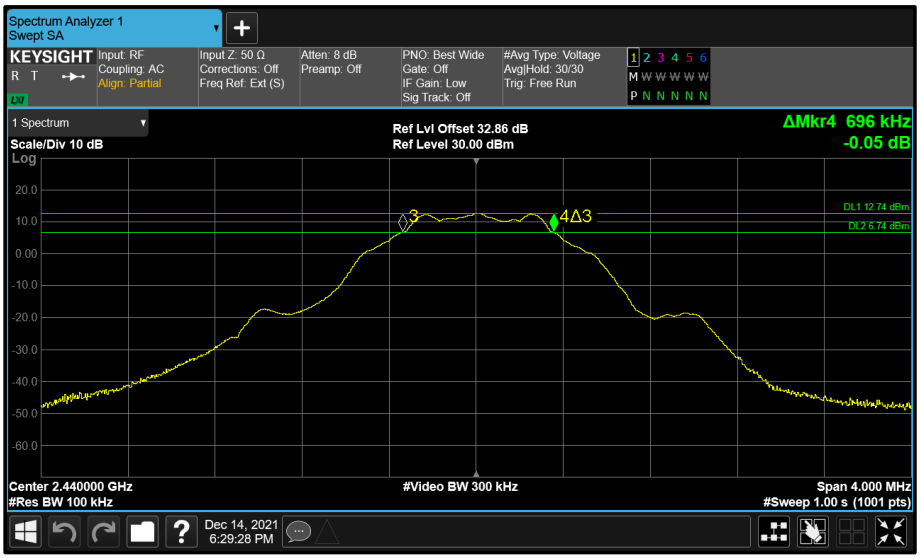

Figure 200 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

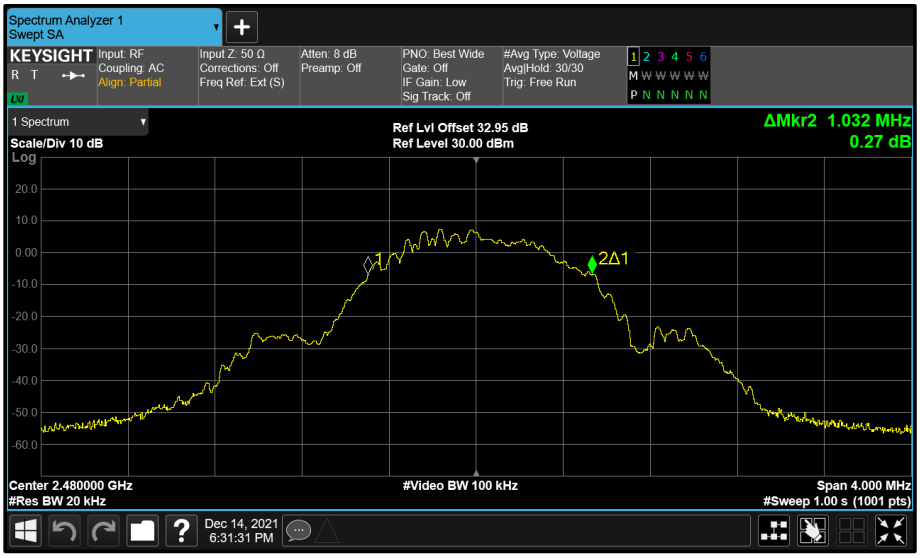

Figure 201 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

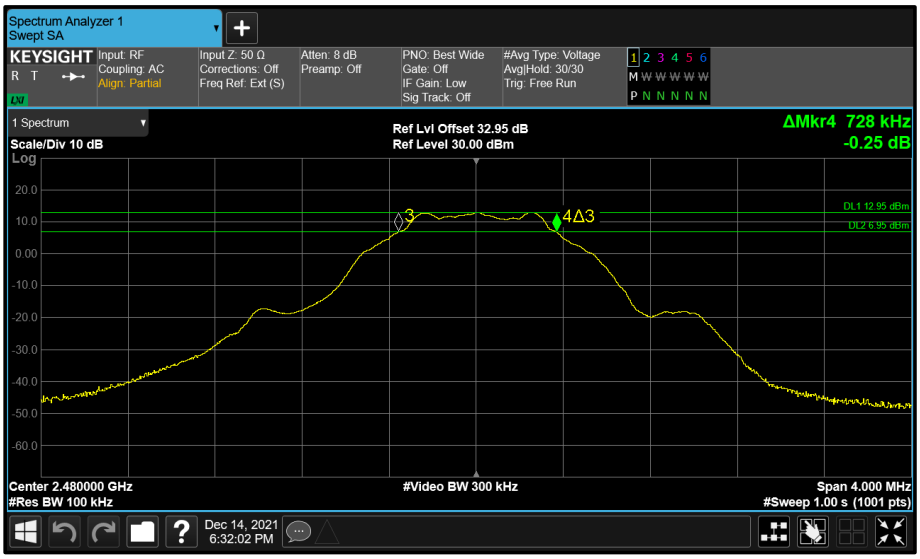

Figure 202 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	1.176	-	-	-	1.176	≥500.0
2440	1.160	-	-	-	1.160	≥500.0
2480	1.168	-	-	-	1.168	≥500.0

Table 71 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	2.056	-	-	-	2.056	-
2440	2.056	-	-	-	2.056	-
2480	2.056	-	-	-	2.056	-

Table 72 - 99% Bandwidth Results

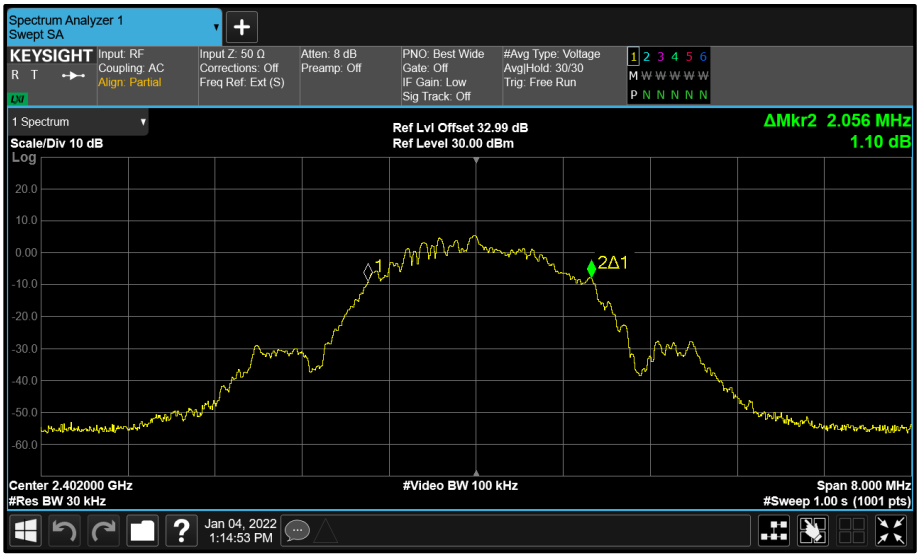

Figure 203 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

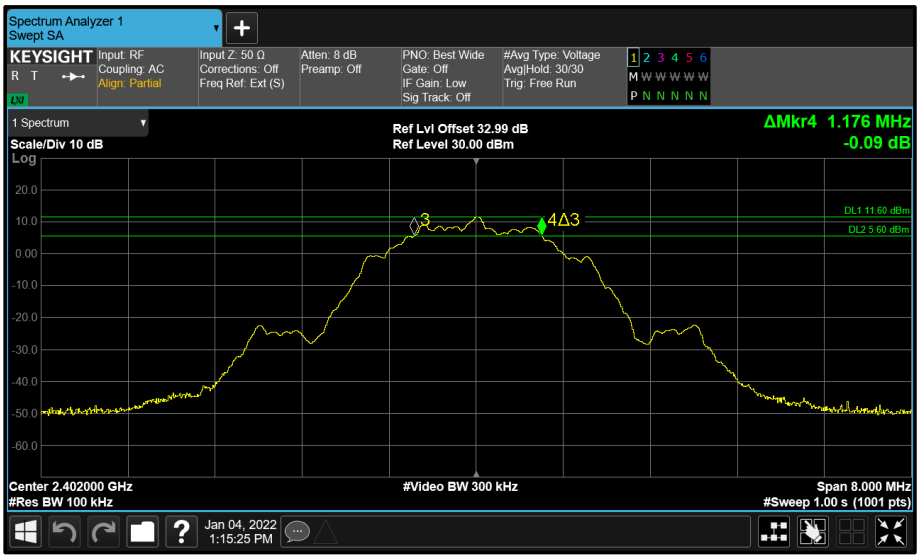

Figure 204 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

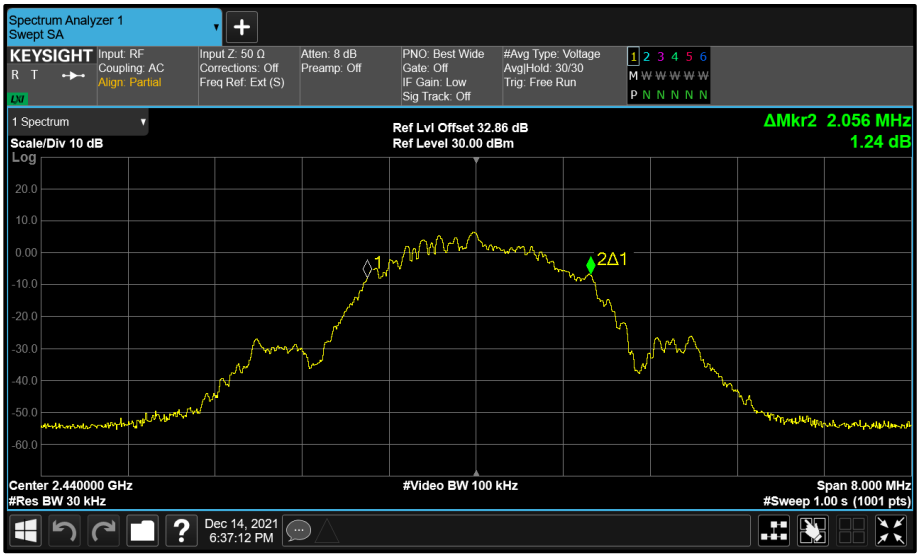

Figure 205 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

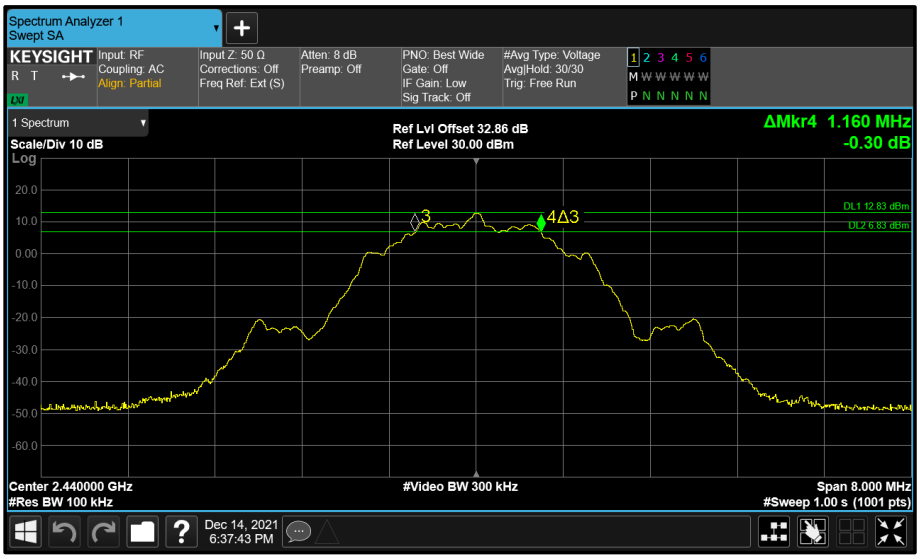

Figure 206 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

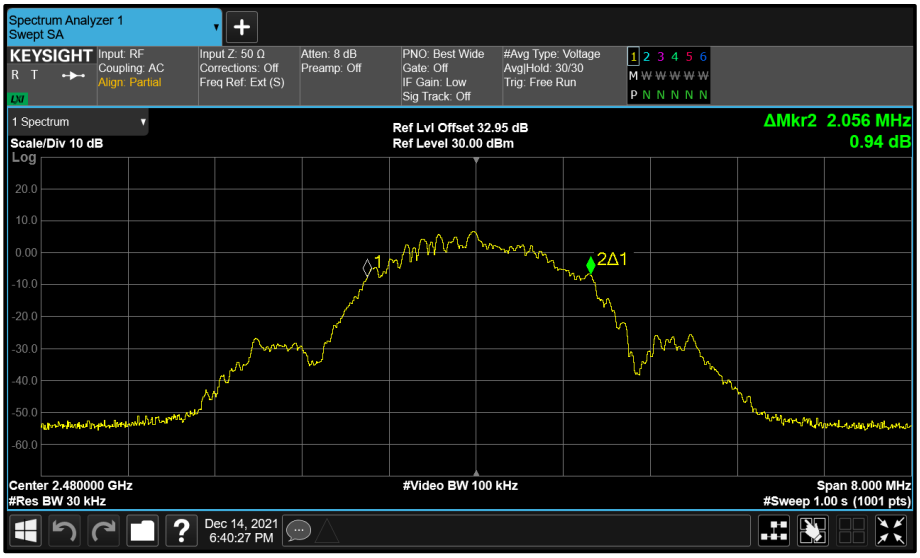

Figure 207 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

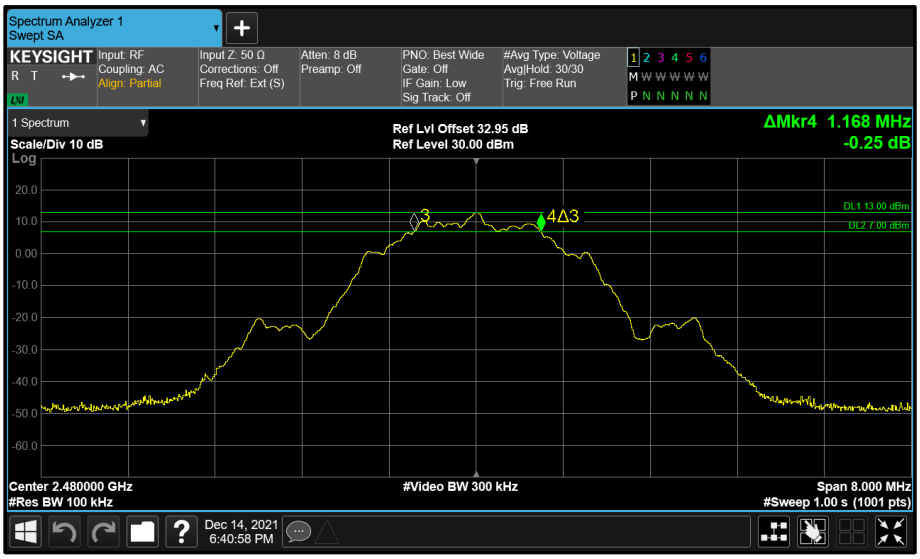

Figure 208 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	-	0.724	-	-	0.724	≥500.0
2440	-	0.688	-	-	0.688	≥500.0
2480	-	0.704	-	-	0.704	≥500.0

Table 73 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	-	1.036	-	-	1.036	-
2440	-	1.036	-	-	1.036	-
2480	-	1.032	-	-	1.032	-

Table 74 - 99% Bandwidth Results

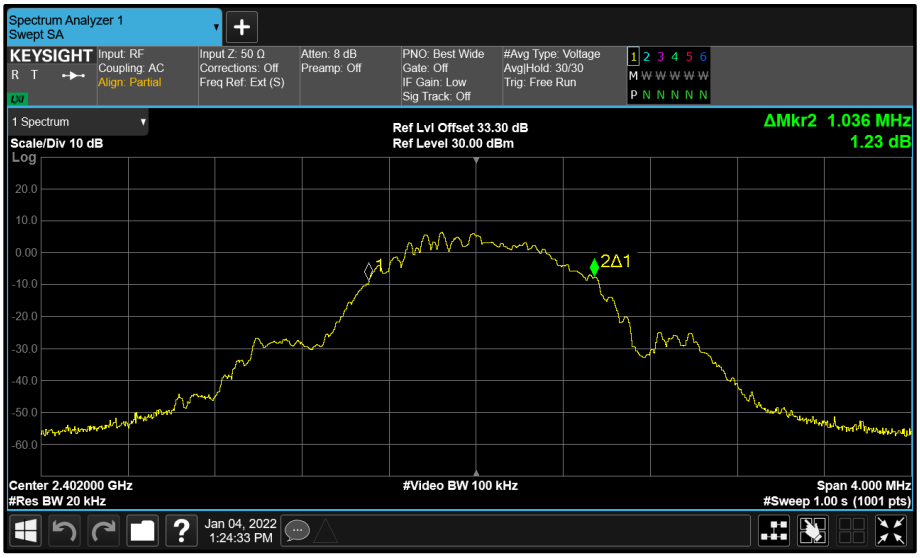

Figure 209 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

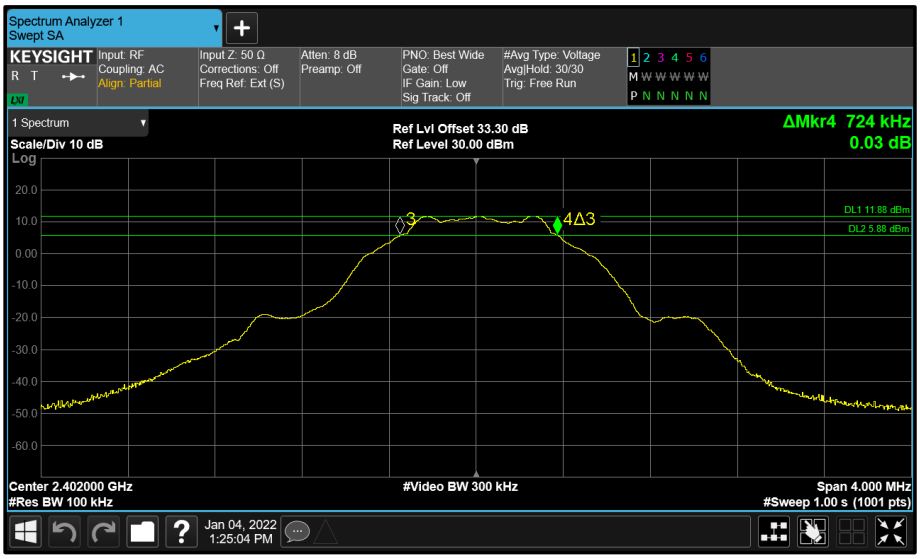

Figure 210 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

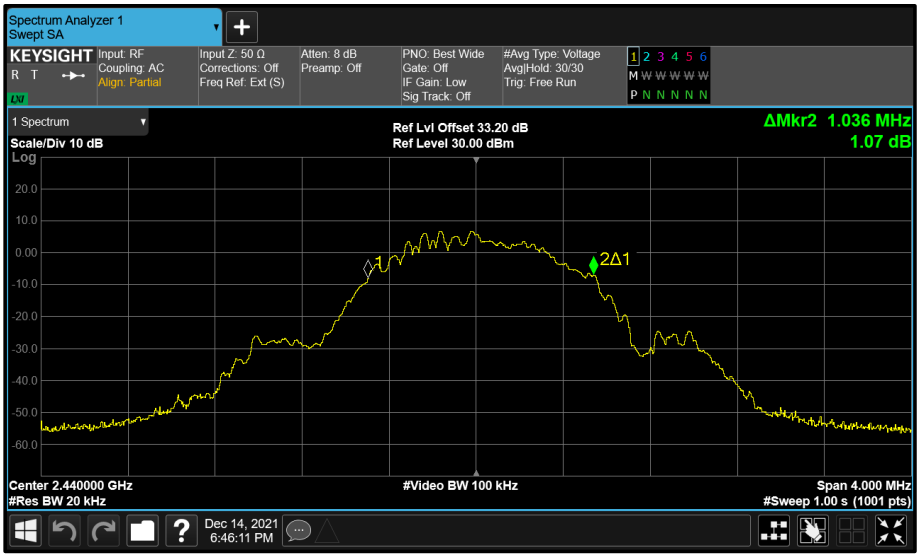

Figure 211 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

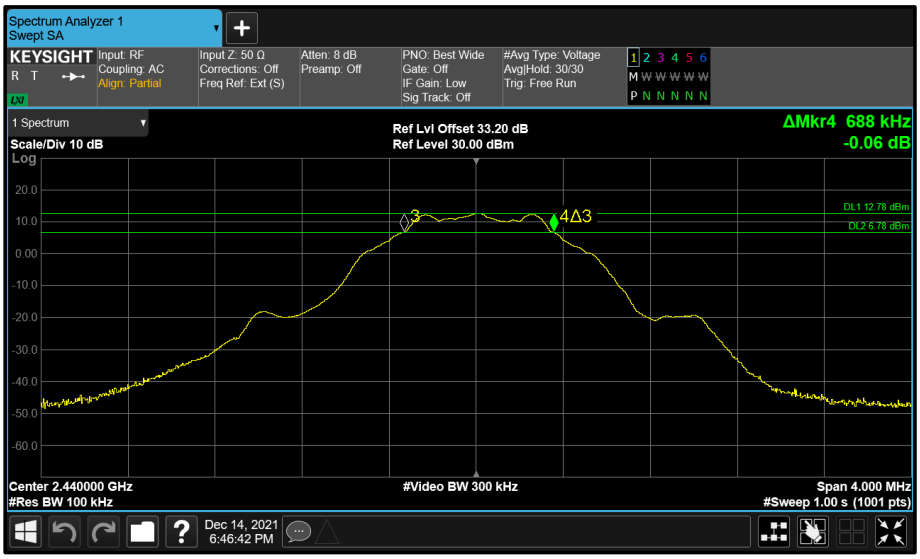

Figure 212 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

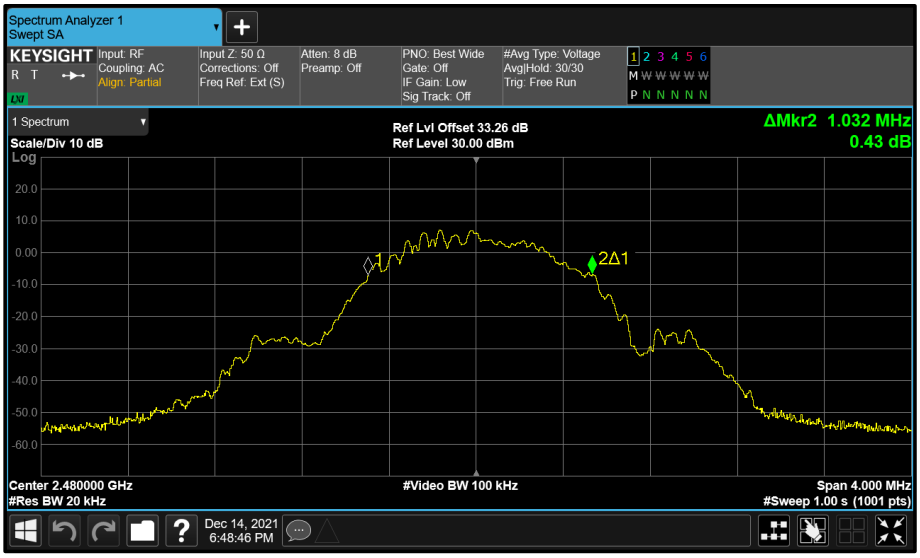

Figure 213 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

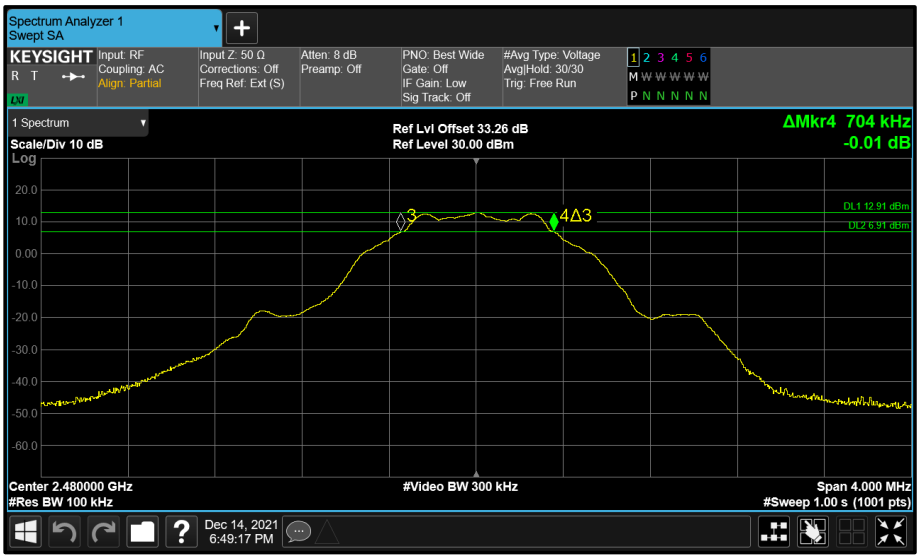

Figure 214 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	-	1.176	-	-	1.176	≥500.0
2440	-	1.144	-	-	1.144	≥500.0
2480	-	1.152	-	-	1.152	≥500.0

Table 75 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	-	2.056	-	-	2.056	-
2440	-	2.056	-	-	2.056	-
2480	-	2.056	-	-	2.056	-

Table 76 - 99% Bandwidth Results

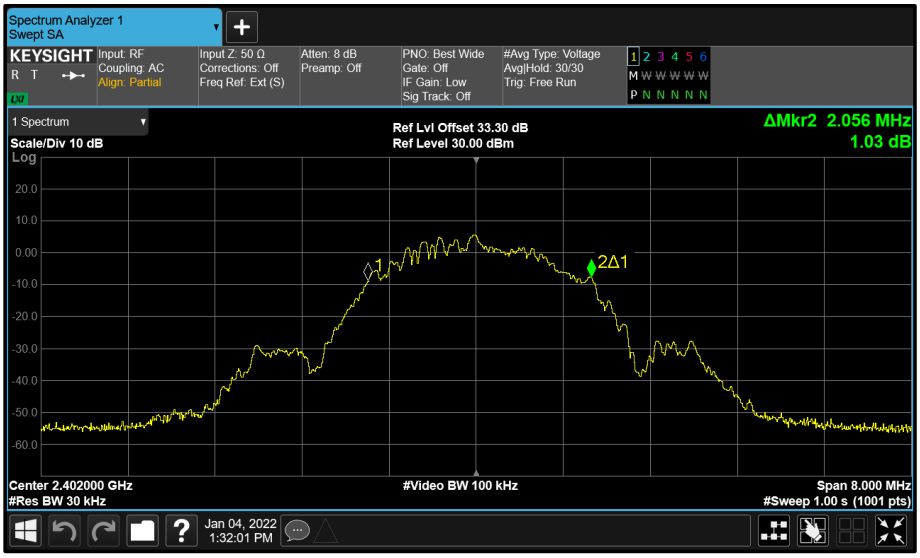

Figure 215 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

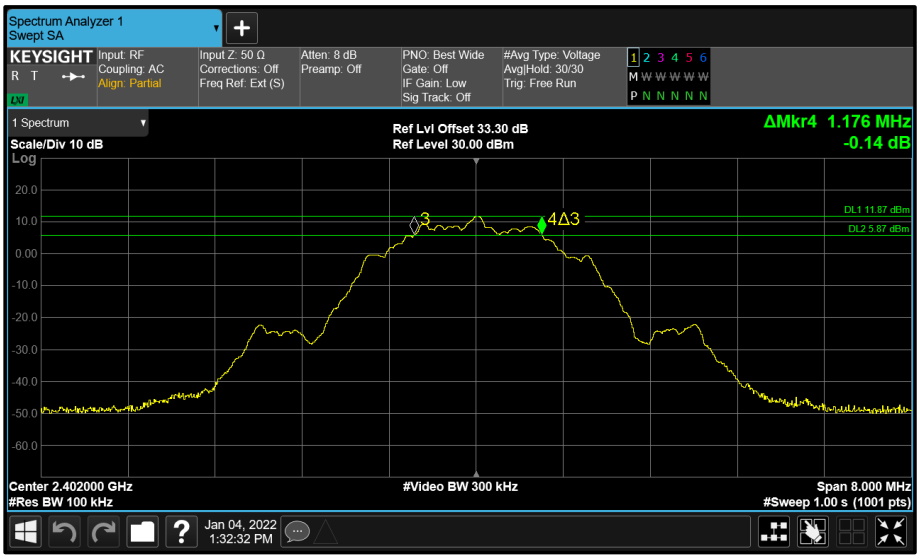

Figure 216 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

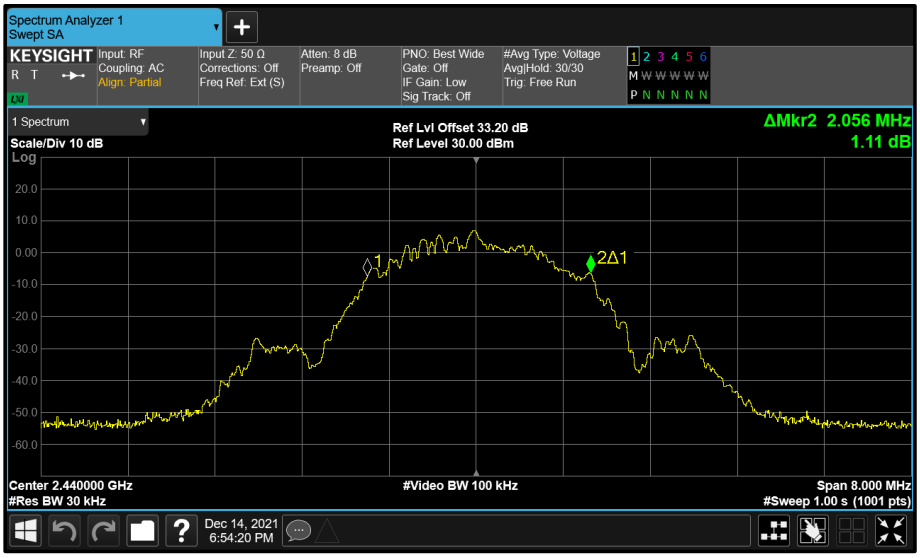

Figure 217 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

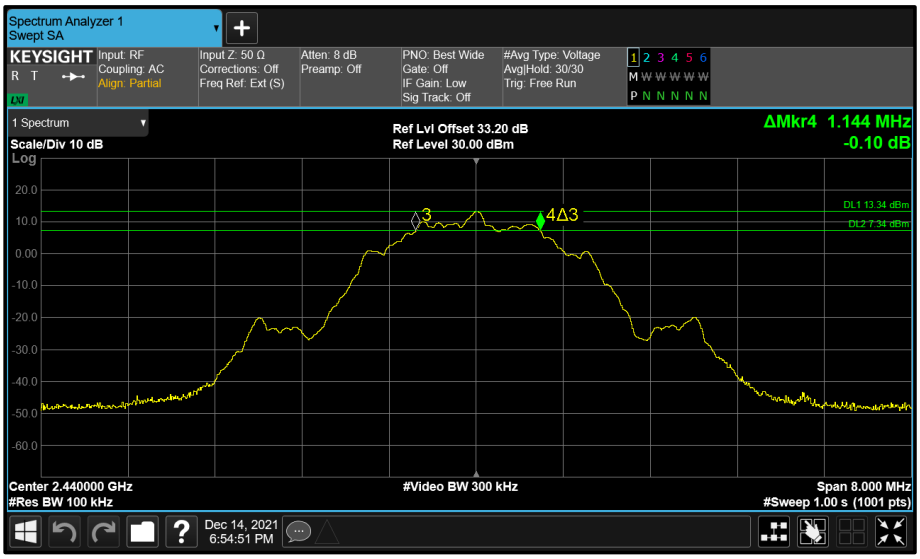

Figure 218 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

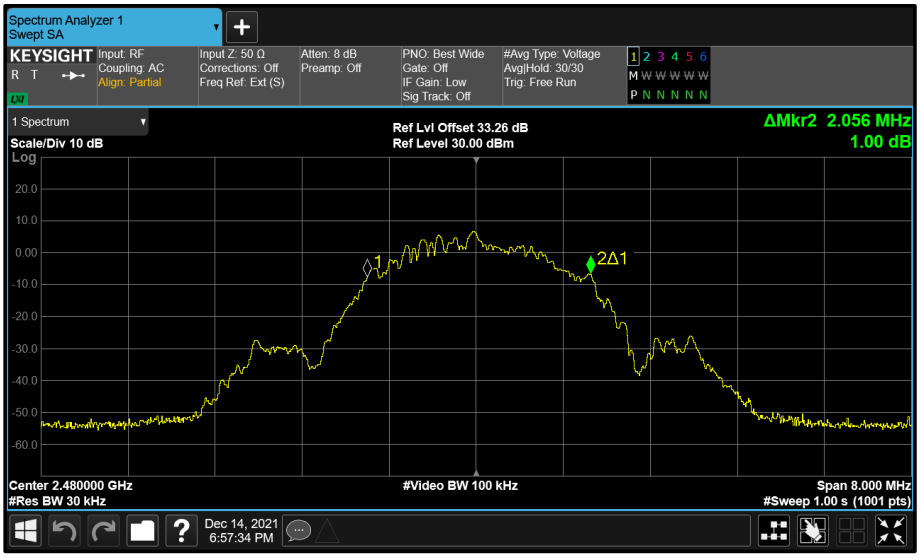

Figure 219 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

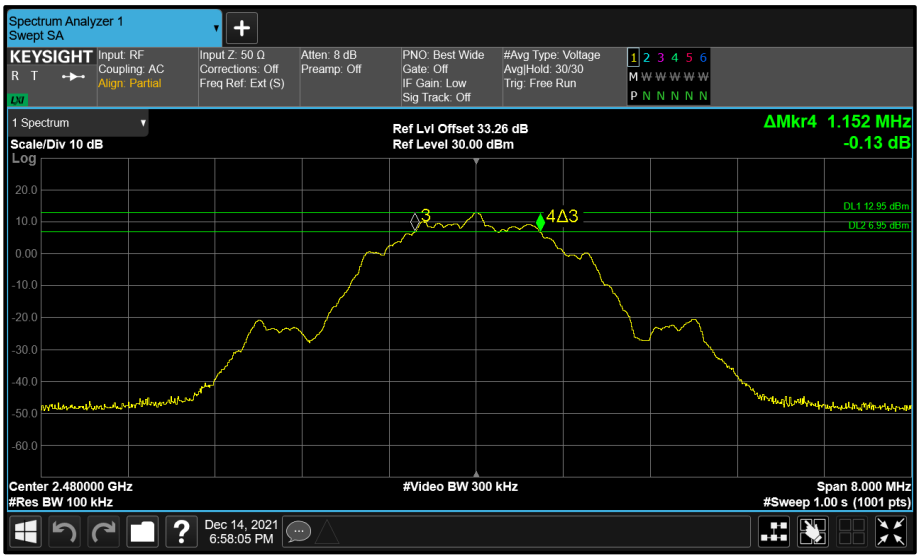

Figure 220 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	-	-	0.724	-	0.724	≥500.0
2440	-	-	0.728	-	0.728	≥500.0
2480	-	-	0.728	-	0.728	≥500.0

Table 77 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	-	-	1.040	-	1.040	-
2440	-	-	1.044	-	1.044	-
2480	-	-	1.040	-	1.040	-

Table 78 - 99% Bandwidth Results

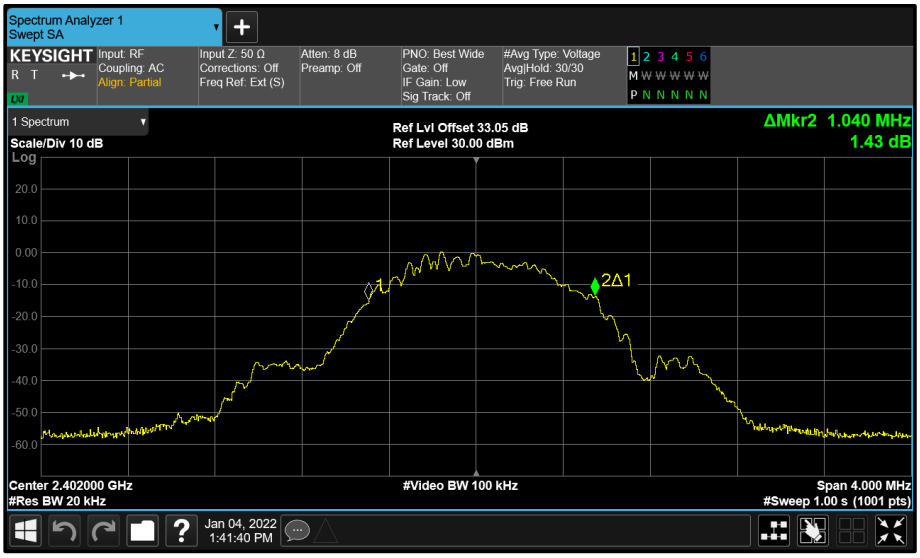

Figure 221 - Core 2 (C) 2402 MHz (CH37) 99% Bandwidth

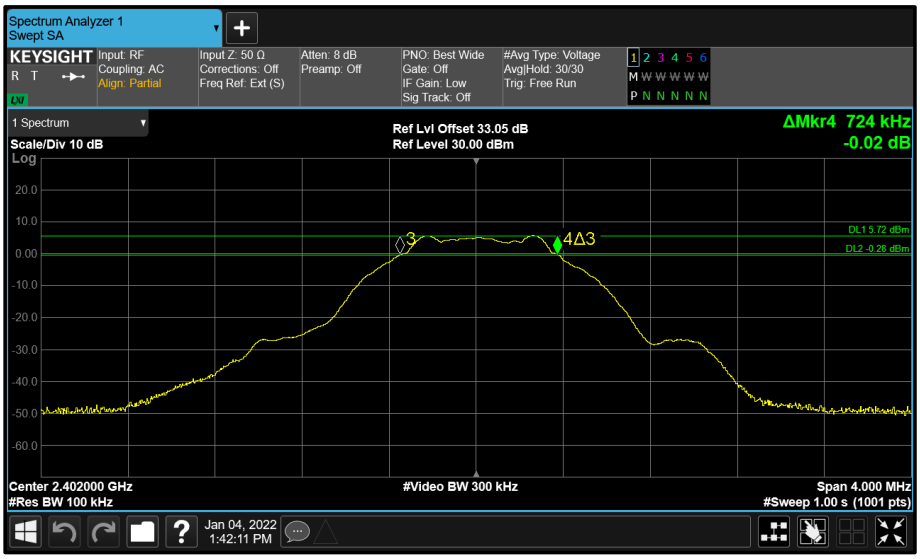

Figure 222 - Core 2 (C) 2402 MHz (CH37) 6 dB Bandwidth

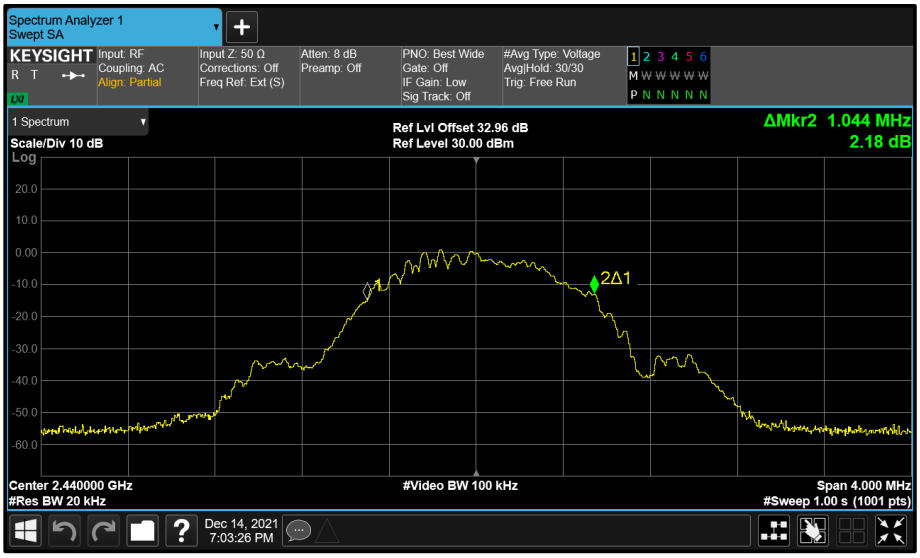

Figure 223 - Core 2 (C) 2440 MHz (CH17) 99% Bandwidth

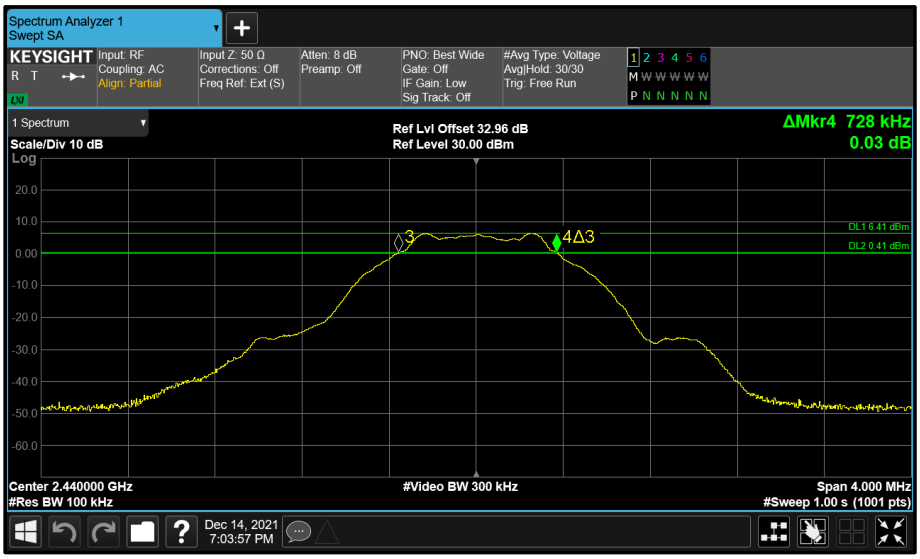

Figure 224 - Core 2 (C) 2440 MHz (CH17) 6 dB Bandwidth

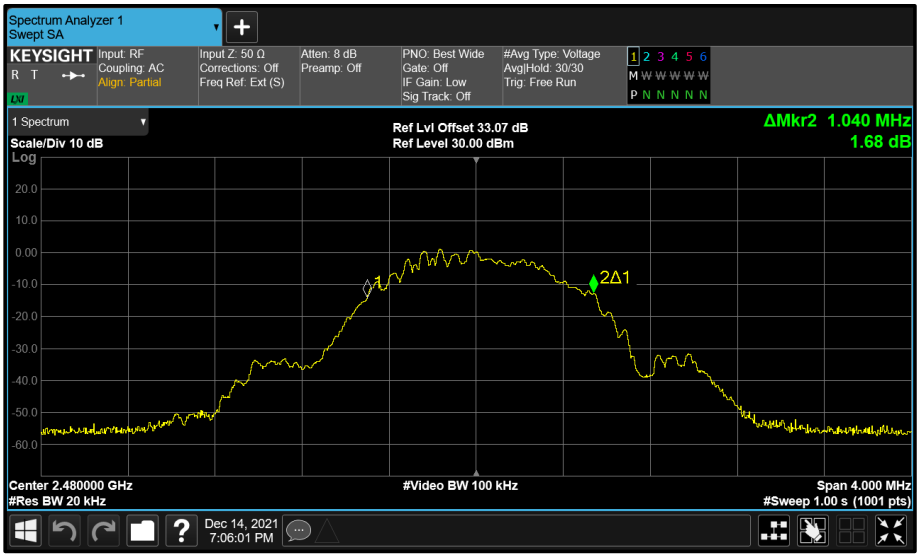

Figure 225 - Core 2 (C) 2480 MHz (CH39) 99% Bandwidth

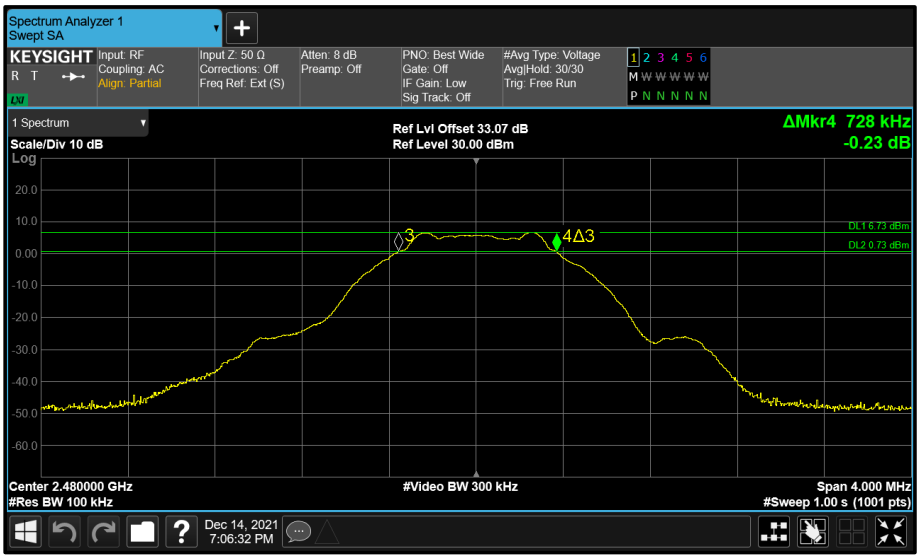

Figure 226 - Core 2 (C) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	-	-	1.256	-	1.256	≥500.0
2440	-	-	1.256	-	1.256	≥500.0
2480	-	-	1.264	-	1.264	≥500.0

Table 79 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	-	-	2.056	-	2.056	-
2440	-	-	2.064	-	2.064	-
2480	-	-	2.064	-	2.064	-

Table 80 - 99% Bandwidth Results

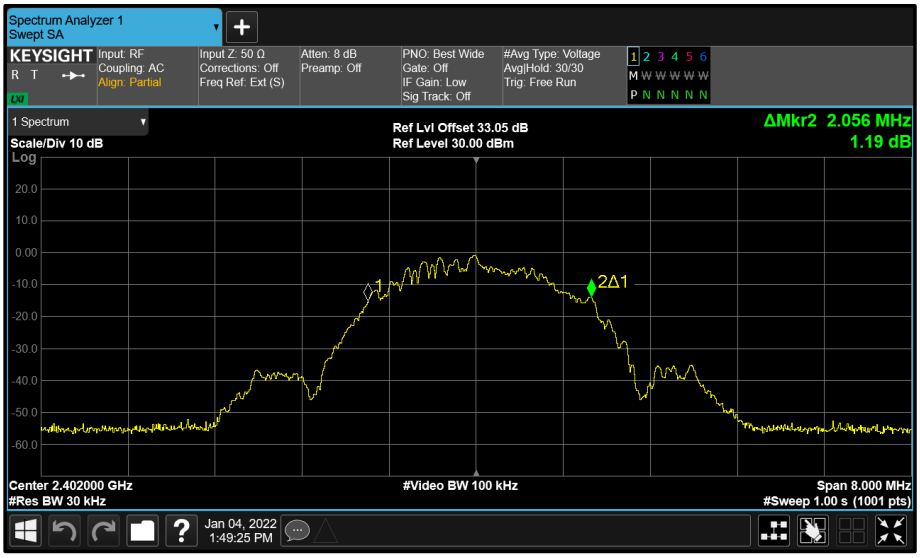

Figure 227 - Core 2 (C) 2402 MHz (CH37) 99% Bandwidth

Figure 228 - Core 2 (C) 2402 MHz (CH37) 6 dB Bandwidth

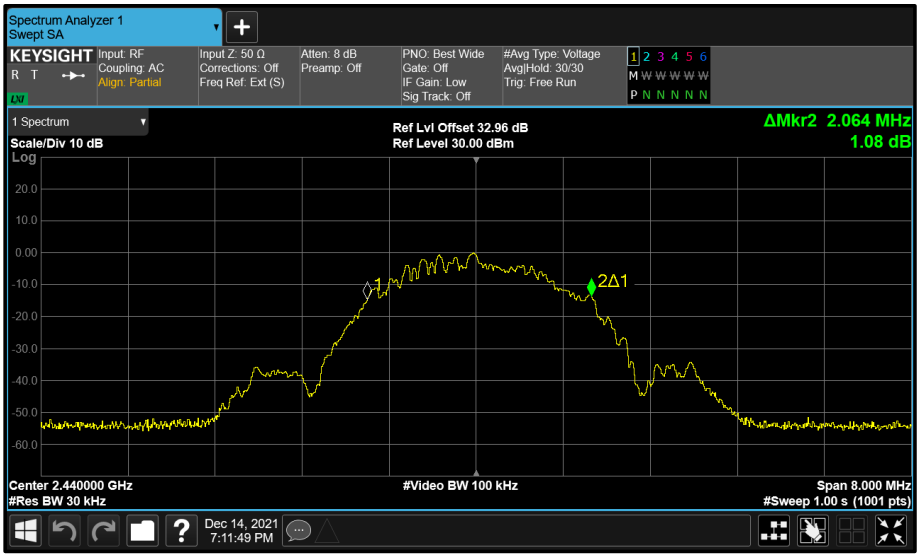

Figure 229 - Core 2 (C) 2440 MHz (CH17) 99% Bandwidth

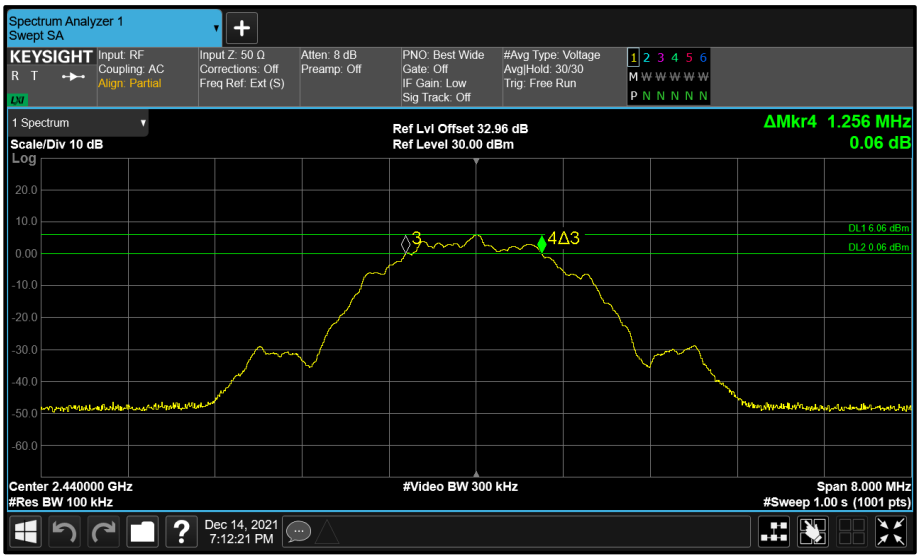

Figure 230 - Core 2 (C) 2440 MHz (CH17) 6 dB Bandwidth

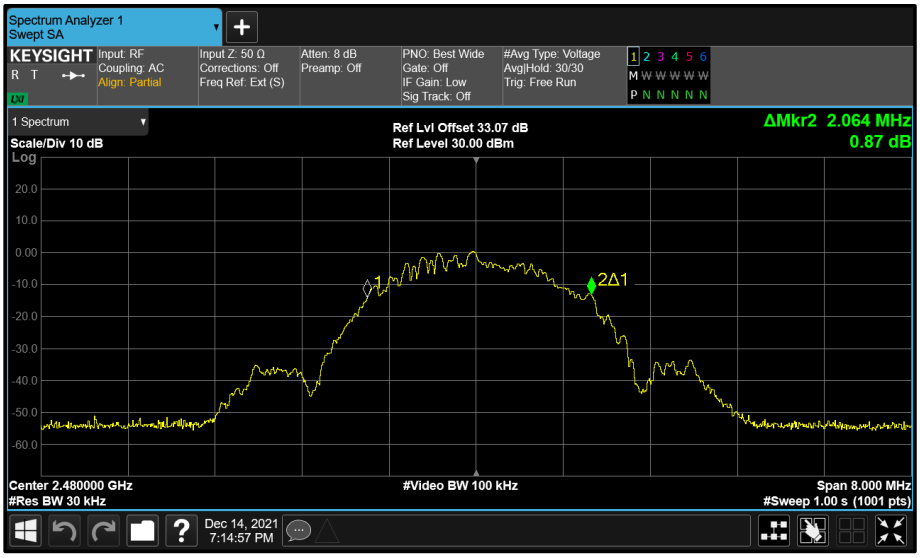

Figure 231 - Core 2 (C) 2480 MHz (CH39) 99% Bandwidth

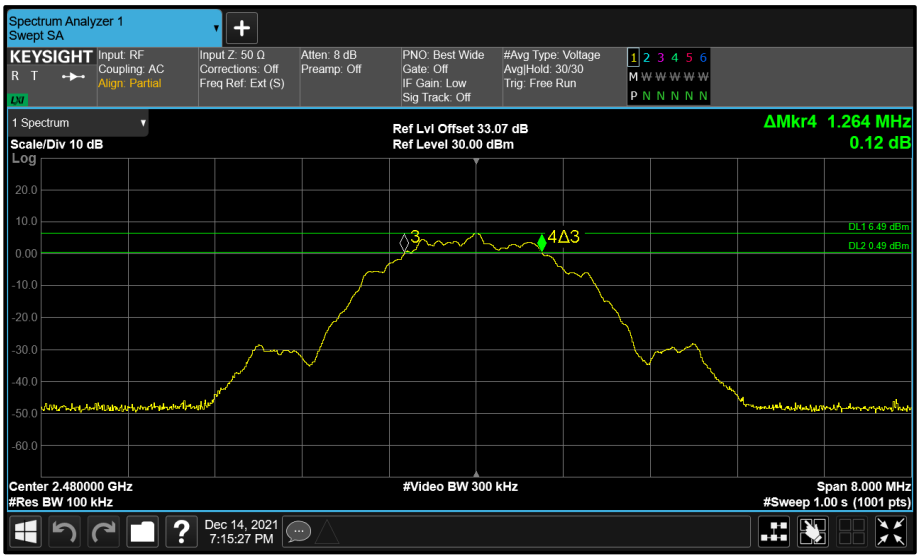

Figure 232 - Core 2 (C) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	0.724	0.724	-	-	0.724	≥500.0
2440	0.712	0.720	-	-	0.712	≥500.0
2480	0.720	0.728	-	-	0.720	≥500.0

Table 81 - 6 dB Bandwidth Results

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

Table 82 - 99% Bandwidth Results

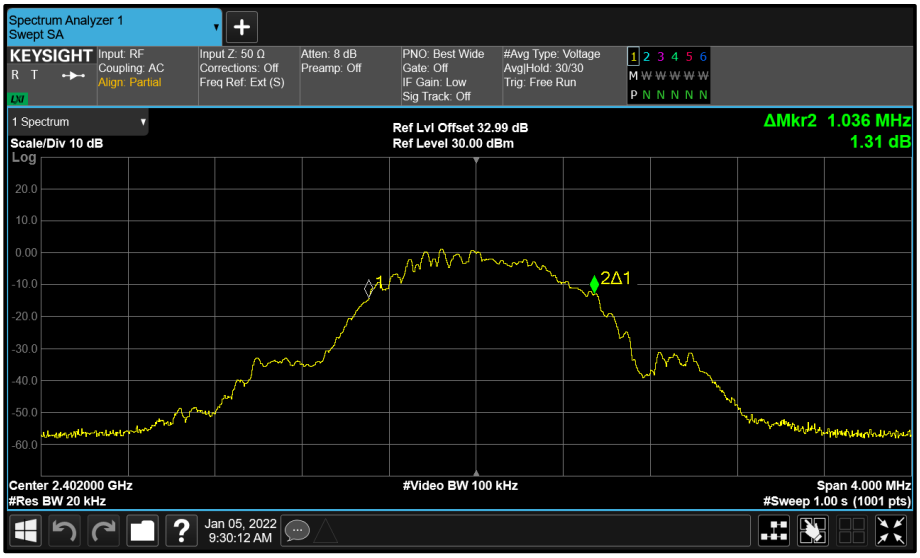

Figure 233 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

Figure 234 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

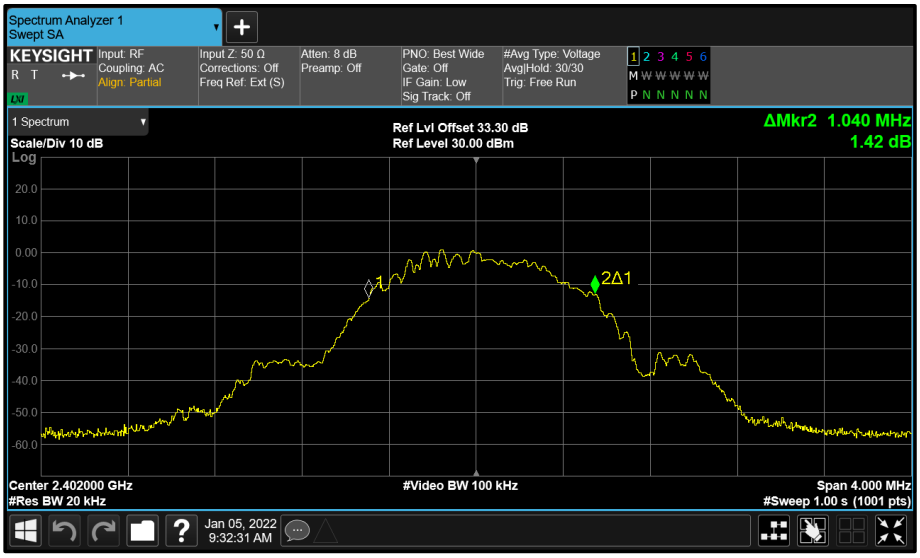

Figure 235 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

Figure 236 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

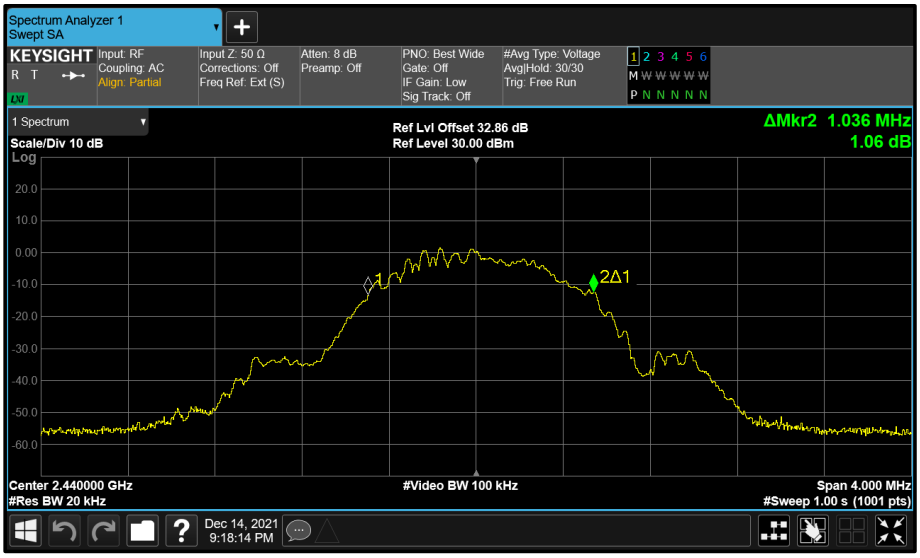

Figure 237 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

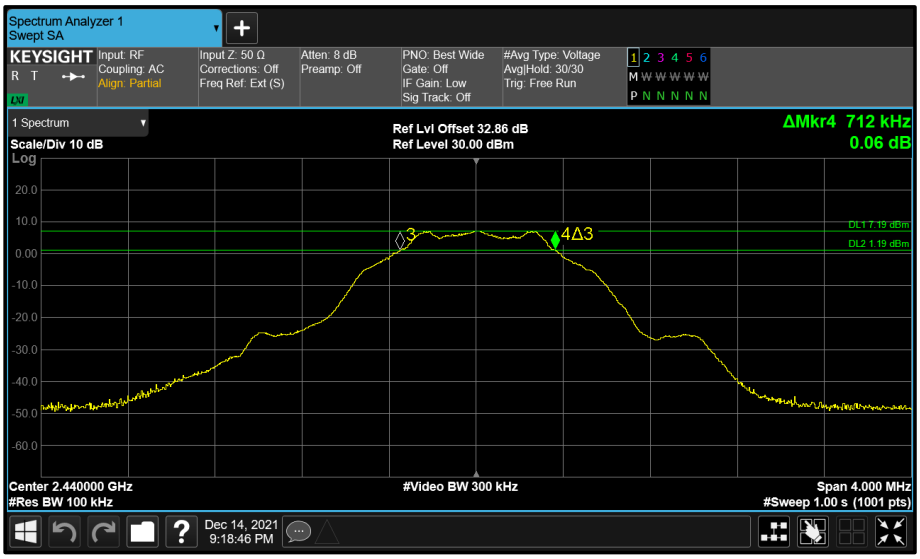

Figure 238 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

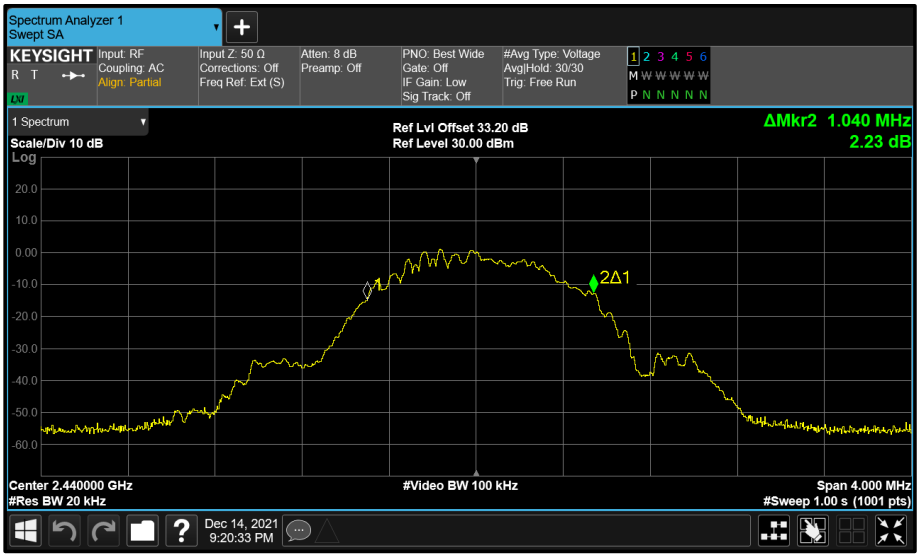

Figure 239 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

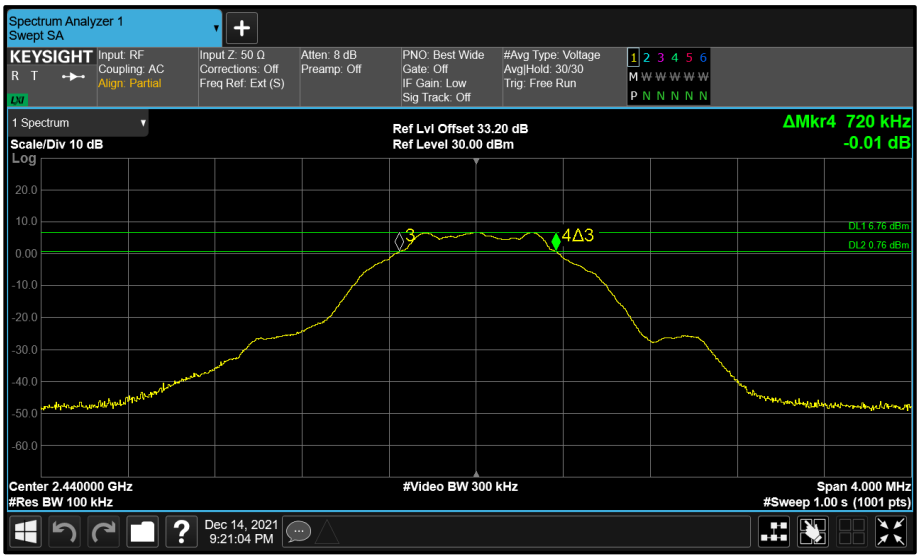

Figure 240 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

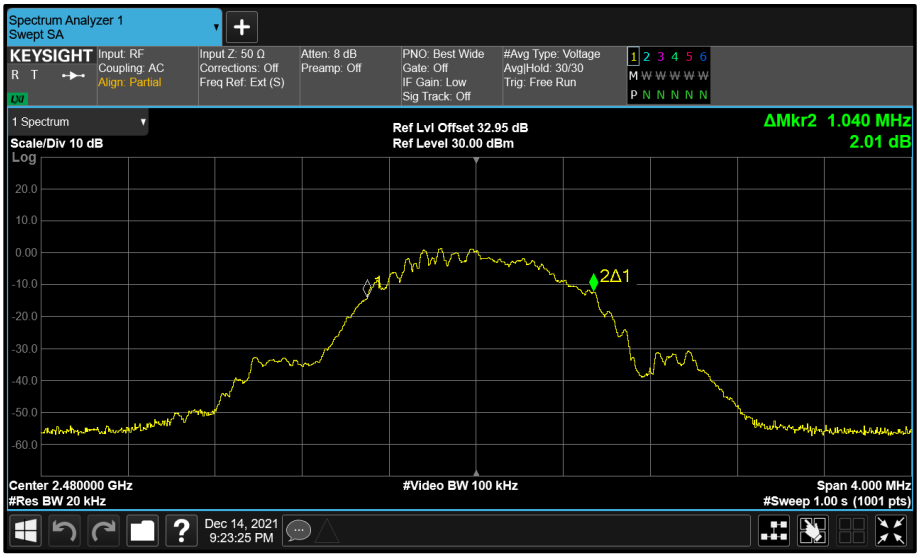

Figure 241 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

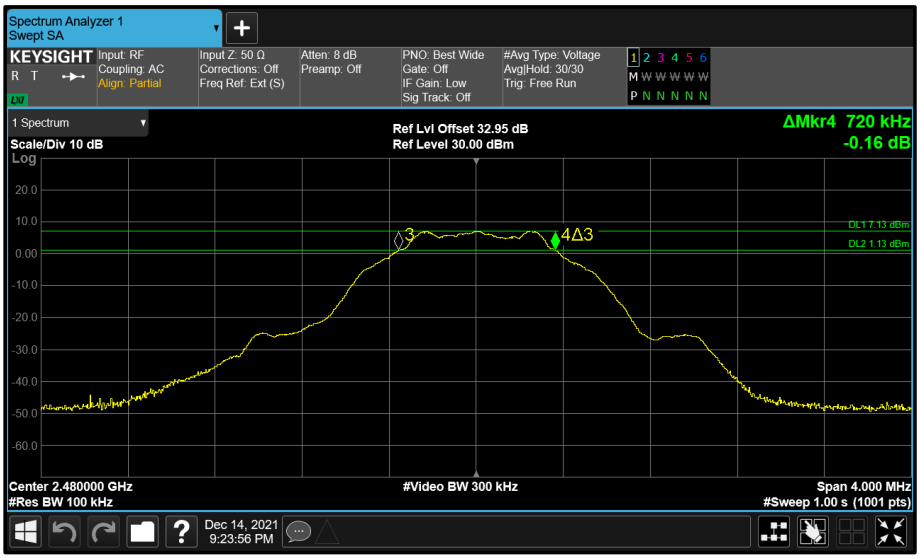

Figure 242 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

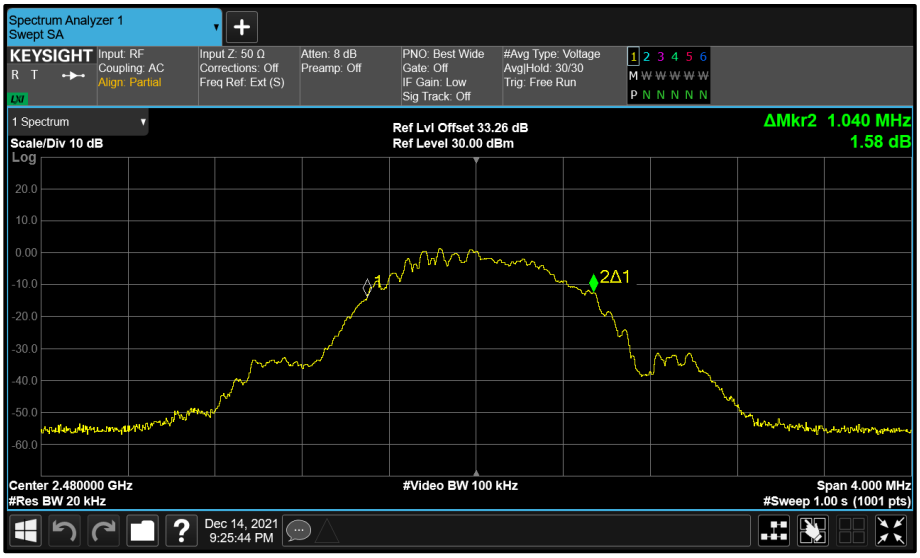

Figure 243 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

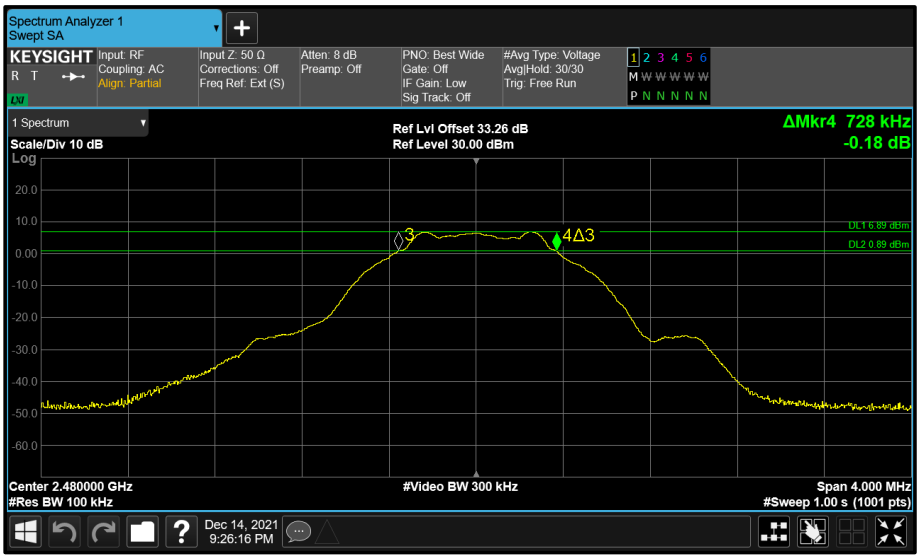

Figure 244 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 2M)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	6 dB Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	1.184	1.248	-	-	1.184	≥500.0
2440	1.144	1.152	-	-	1.144	≥500.0
2480	1.144	1.168	-	-	1.144	≥500.0

Table 83 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)					Limit (kHz)
	A	B	C	D	Minimum	
2402	2.056	2.056	-	-	2.056	-
2440	2.064	2.064	-	-	2.064	-
2480	2.064	2.064	-	-	2.064	-

Table 84 - 99% Bandwidth Results

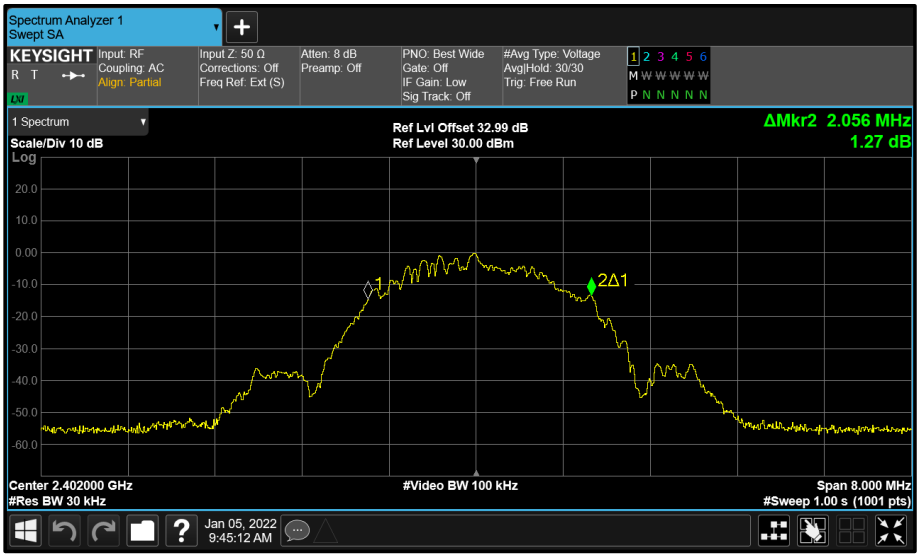

Figure 245 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

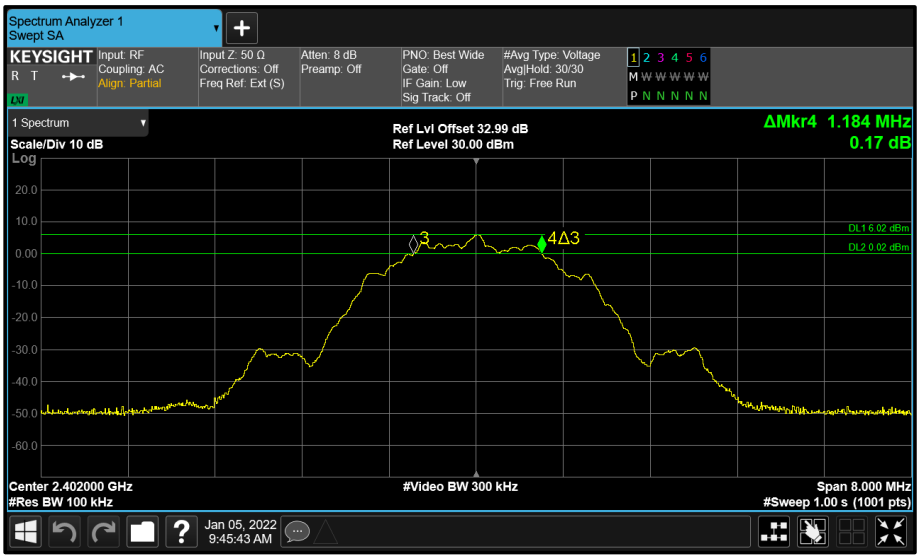

Figure 246 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

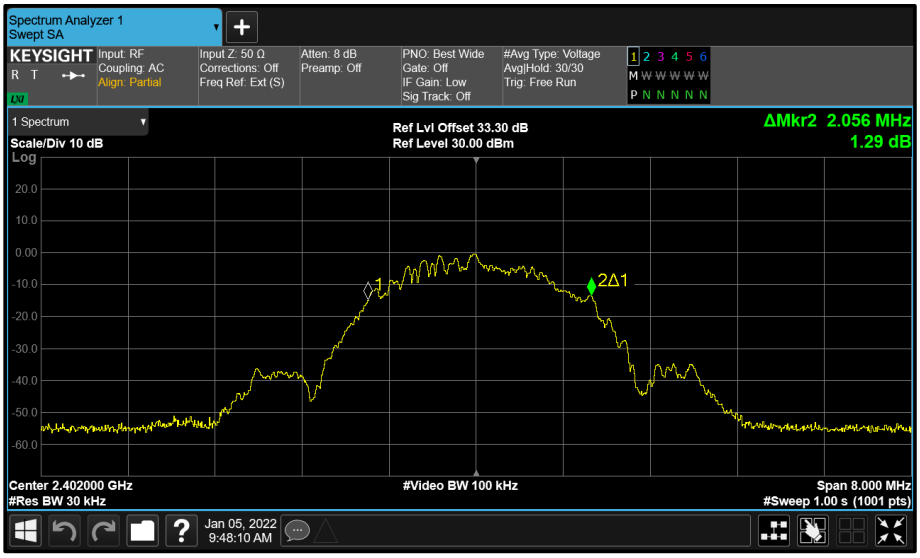

Figure 247 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

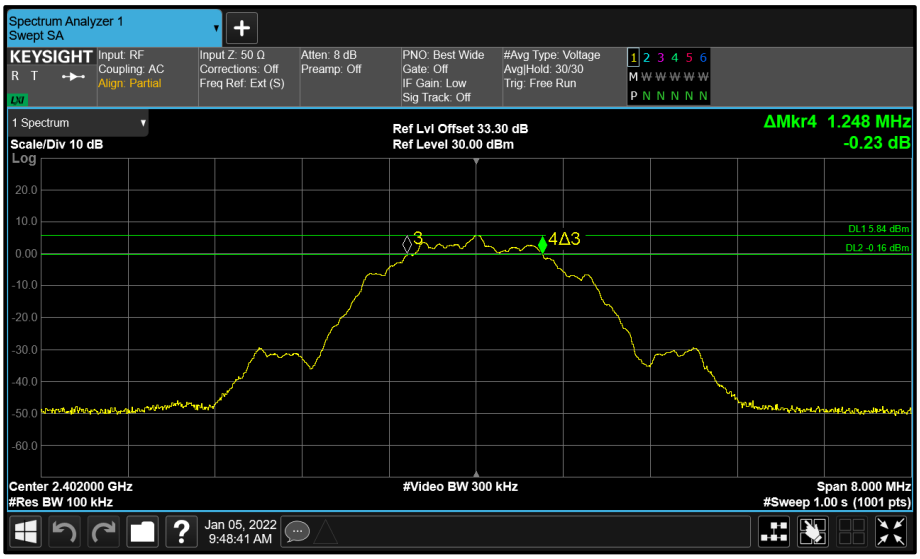

Figure 248 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

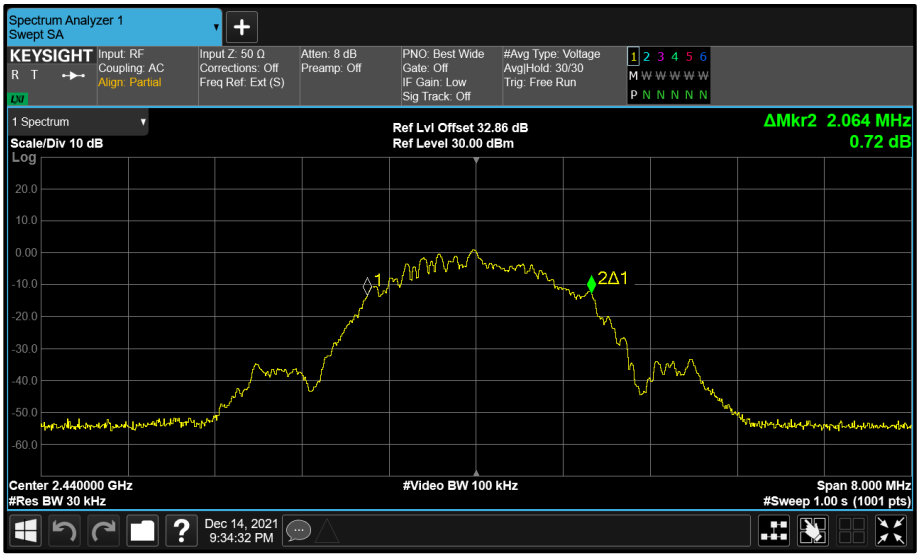

Figure 249 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

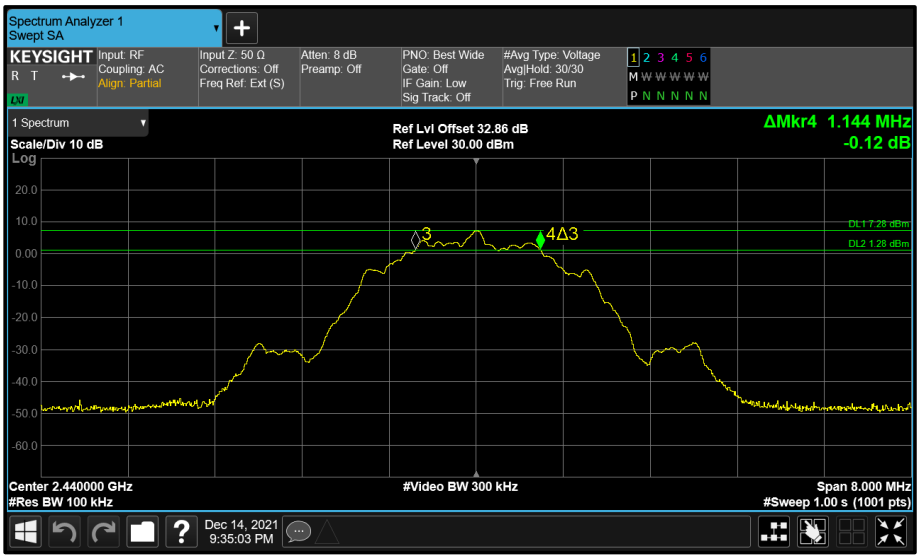

Figure 250 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

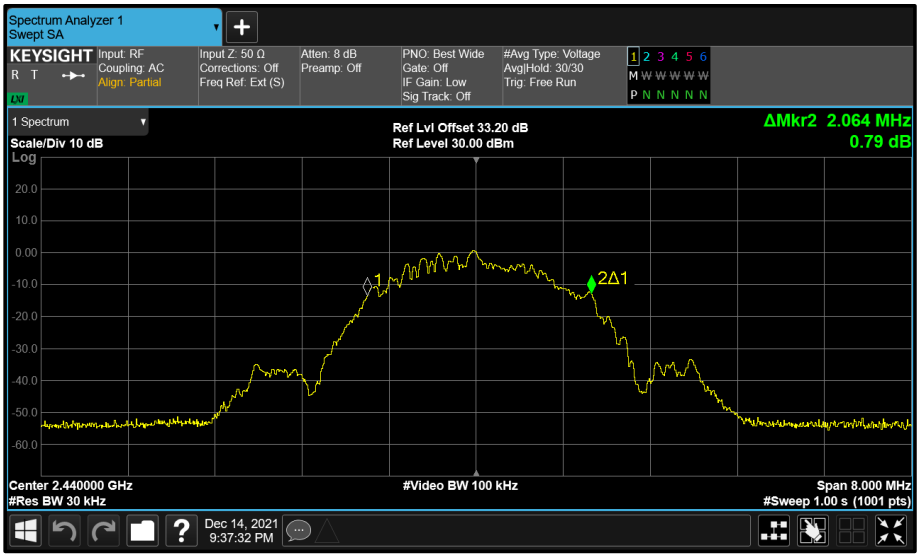

Figure 251 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

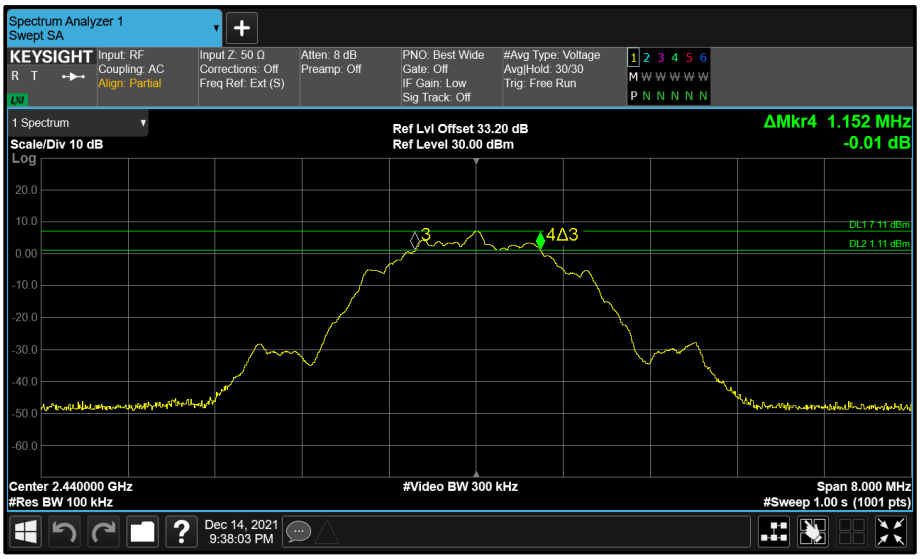

Figure 252 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

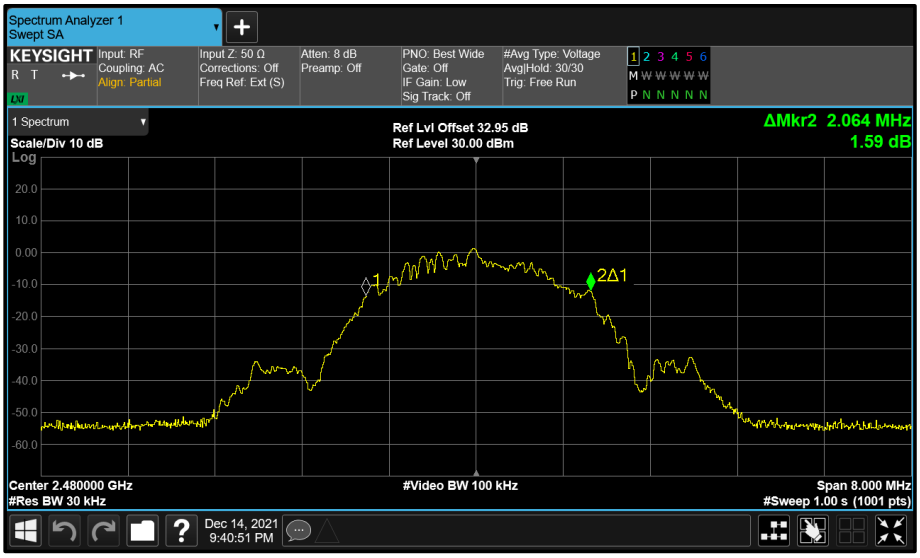

Figure 253 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

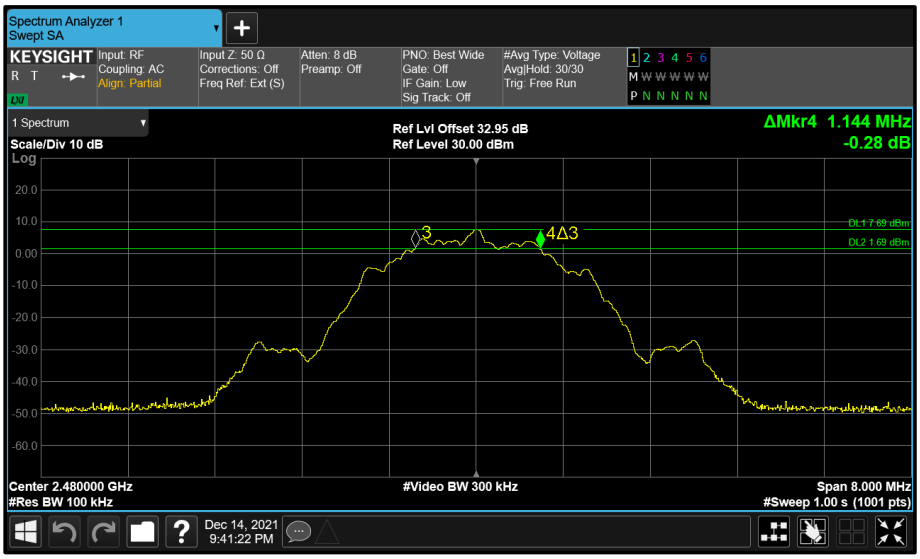

Figure 254 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

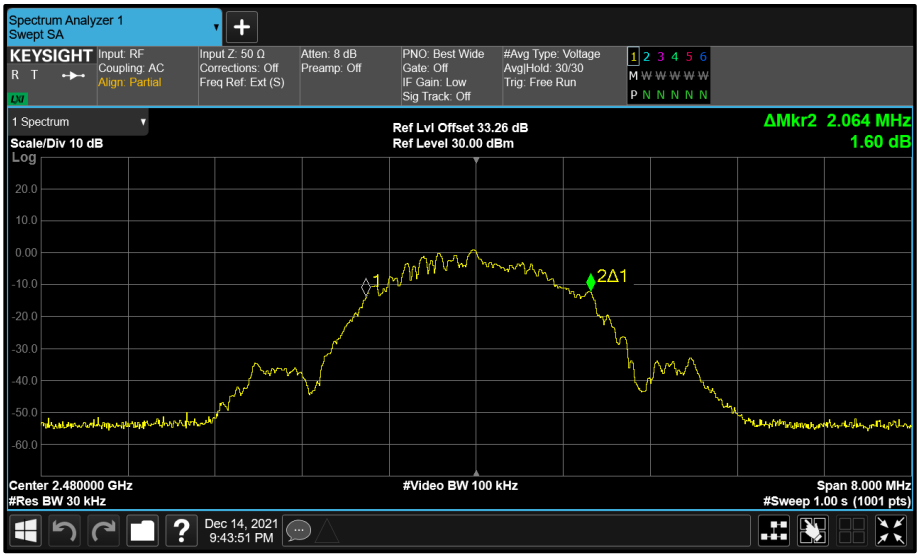

Figure 255 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

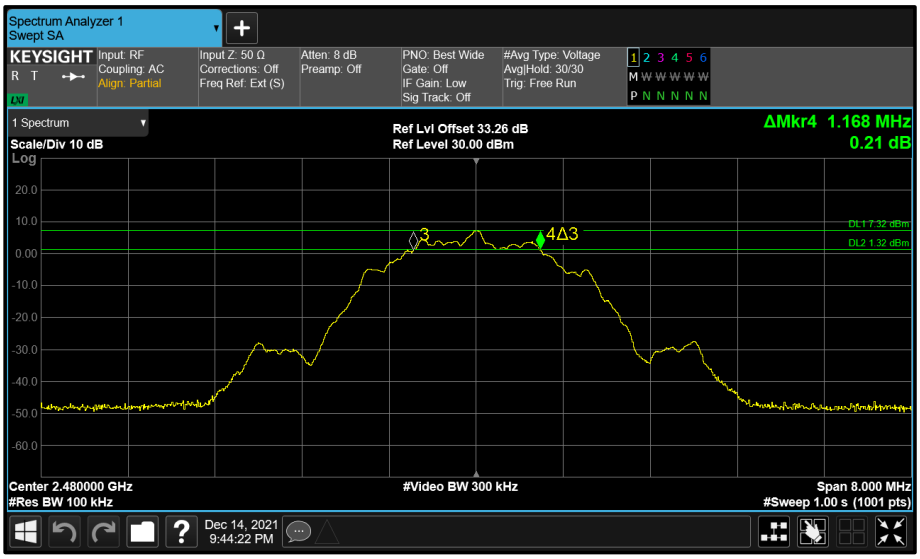

Figure 256 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth

FCC 47 CFR Part 15, Limit Clause 15.247(a)(2) and ISED RSS-247, Clause 5.2(a)

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

2.2.7 Test Location and Test Equipment Used

This test was carried out in RF 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	5528	24	04-Mar-2022
Signal Commissioning Unit	TUV SUD	SCU002	5759	12	30-Jun-2022

Table 85

O/P Mon – Output Monitored using calibrated equipment

2.3 Maximum Conducted Output Power

2.3.1 Specification Reference

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

2.3.2 Equipment Under Test and Modification State

A2165, S/N: H617C20363 - Modification State 0

2.3.3 Date of Test

14-December-2021 to 05-January-2022

2.3.4 Test Method

The test was performed in accordance with ANSI C63.10 clause 11.9.1.3 Method PKPM1

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).

2.3.5 Environmental Conditions

Ambient Temperature	21.4 °C
Relative Humidity	26.1 - 50.8 %

2.3.6 Test Results

2.4 GHz Bluetooth - DTS

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA π/4 DQPSK (4-DH5)	Duty Cycle (%):	78.1
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	2.20

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	15.90	-	-	-	-	30.00	-14.10
2441	16.02	-	-	-	-	30.00	-13.98
2476	16.03	-	-	-	-	30.00	-13.97

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	∑					
2404	15.90	-	-	-	-	30.00	-14.10	18.10	36.00	-17.90
2441	16.02	-	-	-	-	30.00	-13.98	18.22	36.00	-17.78
2476	16.03	-	-	-	-	30.00	-13.97	18.23	36.00	-17.77

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)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA π/4 DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	2.20

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	16.29	-	-	-	-	30.00	-13.71
2441	16.63	-	-	-	-	30.00	-13.37
2476	16.37	-	-	-	-	30.00	-13.63

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	∑					
2404	16.29	-	-	-	-	30.00	-13.71	18.49	36.00	-17.51
2441	16.63	-	-	-	-	30.00	-13.37	18.83	36.00	-17.17
2476	16.37	-	-	-	-	30.00	-13.63	18.57	36.00	-17.43

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)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA π/4 DQPSK (4-DH5)	Duty Cycle (%):	78.1
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	1.40

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	-	16.08	-	-	-	30.00	-13.92
2441	-	15.60	-	-	-	30.00	-14.40
2476	-	15.55	-	-	-	30.00	-14.45

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	∑					
2404	-	16.08	-	-	-	30.00	-13.92	17.48	36.00	-18.52
2441	-	15.60	-	-	-	30.00	-14.40	17.00	36.00	-19.00
2476	-	15.55	-	-	-	30.00	-14.45	16.95	36.00	-19.05

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)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA π/4 DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	1.40

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	-	16.40	-	-	-	30.00	-13.60
2441	-	16.07	-	-	-	30.00	-13.93
2476	-	16.48	-	-	-	30.00	-13.52

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	∑					
2404	-	16.40	-	-	-	30.00	-13.60	17.80	36.00	-18.20
2441	-	16.07	-	-	-	30.00	-13.93	17.47	36.00	-18.53
2476	-	16.48	-	-	-	30.00	-13.52	17.88	36.00	-18.12

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)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	ePA π/4 DQPSK (4-DH5)	Duty Cycle (%):	78.1
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	4.82

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	16.02	15.76	-	-	18.87	30.00	-11.13
2441	16.21	15.80	-	-	18.97	30.00	-11.03
2476	15.81	14.90	-	-	18.35	30.00	-11.65

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	∑					
2404	16.02	15.76	-	-	18.87	30.00	-11.13	23.68	36.00	-12.32
2441	16.21	15.80	-	-	18.97	30.00	-11.03	23.79	36.00	-12.21
2476	15.81	14.90	-	-	18.35	30.00	-11.65	23.17	36.00	-12.83

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)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	ePA π/4 DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	4.82

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	16.65	16.17	-	-	19.37	30.00	-10.63
2441	16.62	16.16	-	-	19.35	30.00	-10.65
2476	16.41	15.91	-	-	19.17	30.00	-10.83

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	∑					
2404	16.65	16.17	-	-	19.37	30.00	-10.63	24.19	36.00	-11.81
2441	16.62	16.16	-	-	19.35	30.00	-10.65	24.17	36.00	-11.83
2476	16.41	15.91	-	-	19.17	30.00	-10.83	23.99	36.00	-12.01

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)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA GFSK (LE 1M)	Duty Cycle (%):	60.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	2.20

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	12.69	-	-	-	-	30.00	-17.31
2440	13.44	-	-	-	-	30.00	-16.56
2480	13.06	-	-	-	-	30.00	-16.94

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	12.69	-	-	-	-	30.00	-17.31	14.89	36.00	-21.11
2440	13.44	-	-	-	-	30.00	-16.56	15.64	36.00	-20.36
2480	13.06	-	-	-	-	30.00	-16.94	15.26	36.00	-20.74

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)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA GFSK (LE 2M)	Duty Cycle (%):	31.3
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	2.20

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	13.00	-	-	-	-	30.00	-17.00
2440	13.34	-	-	-	-	30.00	-16.66
2480	13.35	-	-	-	-	30.00	-16.65

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	13.00	-	-	-	-	30.00	-17.00	15.20	36.00	-20.80
2440	13.34	-	-	-	-	30.00	-16.66	15.54	36.00	-20.46
2480	13.35	-	-	-	-	30.00	-16.65	15.55	36.00	-20.45

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

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA GFSK (LE 1M)	Duty Cycle (%):	60.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	1.40

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	-	12.91	-	-	-	30.00	-17.09
2440	-	13.32	-	-	-	30.00	-16.68
2480	-	12.71	-	-	-	30.00	-17.29

Table 102 - 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	-	12.91	-	-	-	30.00	-17.09	14.31	36.00	-21.69
2440	-	13.32	-	-	-	30.00	-16.68	14.72	36.00	-21.28
2480	-	12.71	-	-	-	30.00	-17.29	14.11	36.00	-21.89

Table 103 - ISED Maximum Conducted (peak) Output Power Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA GFSK (LE 2M)	Duty Cycle (%):	31.3
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	1.40

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	-	13.21	-	-	-	30.00	-16.79
2440	-	13.55	-	-	-	30.00	-16.45
2480	-	12.94	-	-	-	30.00	-17.06

Table 104 - 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	-	13.21	-	-	-	30.00	-16.79	14.61	36.00	-21.39
2440	-	13.55	-	-	-	30.00	-16.45	14.95	36.00	-21.05
2480	-	12.94	-	-	-	30.00	-17.06	14.34	36.00	-21.66

Table 105 - ISED Maximum Conducted (peak) Output Power Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	ePA GFSK (LE 1M)	Duty Cycle (%):	60.4
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	4.82

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	7.52	7.36	-	-	10.42	30.00	-19.58
2440	7.39	7.21	-	-	10.28	30.00	-19.72
2480	7.13	6.89	-	-	10.00	30.00	-20.00

Table 106 - 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	7.52	7.36	-	-	10.42	30.00	-19.58	15.24	36.00	-20.76
2440	7.39	7.21	-	-	10.28	30.00	-19.72	15.10	36.00	-20.90
2480	7.13	6.89	-	-	10.00	30.00	-20.00	14.82	36.00	-21.18

Table 107 - ISED Maximum Conducted (peak) Output Power Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	ePA GFSK (LE 2M)	Duty Cycle (%):	31.3
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	4.82

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	7.65	7.48	-	-	10.54	30.00	-19.46
2440	7.68	7.50	-	-	10.57	30.00	-19.43
2480	7.91	7.53	-	-	10.72	30.00	-19.28

Table 108 - 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	7.65	7.48	-	-	10.54	30.00	-19.46	15.36	36.00	-20.64
2440	7.68	7.50	-	-	10.57	30.00	-19.43	15.39	36.00	-20.61
2480	7.91	7.53	-	-	10.72	30.00	-19.28	15.54	36.00	-20.46

Table 109 - ISED Maximum Conducted (peak) Output Power Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA π/4 DQPSK (4-DH5)	Duty Cycle (%):	78.1
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	2.20

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	8.97	-	-	-	-	30.00	-21.03
2441	9.00	-	-	-	-	30.00	-21.00
2476	9.25	-	-	-	-	30.00	-20.75

Table 110 - 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	∑					
2404	8.97	-	-	-	-	30.00	-21.03	11.17	36.00	-24.83
2441	9.00	-	-	-	-	30.00	-21.00	11.20	36.00	-24.80
2476	9.25	-	-	-	-	30.00	-20.75	11.45	36.00	-24.55

Table 111 - ISED Maximum Conducted (peak) Output Power Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA π/4 DQPSK (8-DH5)	Duty Cycle (%):	78.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	2.20

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	9.81	-	-	-	-	30.00	-20.19
2441	9.60	-	-	-	-	30.00	-20.40
2476	9.71	-	-	-	-	30.00	-20.29

Table 112 - 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	∑					
2404	9.81	-	-	-	-	30.00	-20.19	12.01	36.00	-23.99
2441	9.60	-	-	-	-	30.00	-20.40	11.80	36.00	-24.20
2476	9.71	-	-	-	-	30.00	-20.29	11.91	36.00	-24.09

Table 113 - ISED Maximum Conducted (peak) Output Power Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA π/4 DQPSK (4-DH5)	Duty Cycle (%):	78.4
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	1.40

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	-	9.16	-	-	-	30.00	-20.84
2441	-	9.22	-	-	-	30.00	-20.78
2476	-	9.22	-	-	-	30.00	-20.78

Table 114 - 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	∑					
2404	-	9.16	-	-	-	30.00	-20.84	10.56	36.00	-25.44
2441	-	9.22	-	-	-	30.00	-20.78	10.62	36.00	-25.38
2476	-	9.22	-	-	-	30.00	-20.78	10.62	36.00	-25.38

Table 115 - ISED Maximum Conducted (peak) Output Power Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.1.3
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA π/4 DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	1.40

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	-	9.65	-	-	-	30.00	-20.35
2441	-	9.64	-	-	-	30.00	-20.36
2476	-	9.68	-	-	-	30.00	-20.32

Table 116 - 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	∑					
2404	-	9.65	-	-	-	30.00	-20.35	11.05	36.00	-24.95
2441	-	9.64	-	-	-	30.00	-20.36	11.04	36.00	-24.96
2476	-	9.68	-	-	-	30.00	-20.32	11.08	36.00	-24.92

Table 117 - ISED Maximum Conducted (peak) Output Power Results