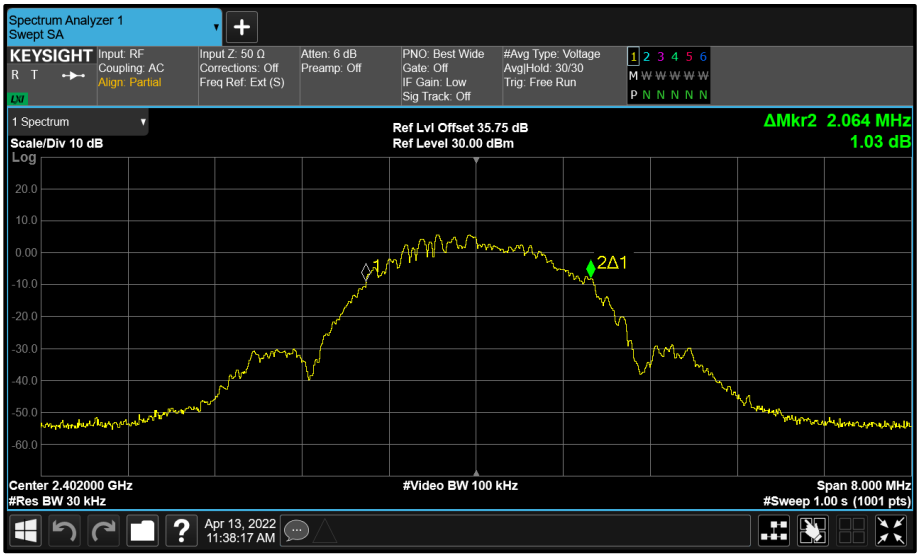

Figure 95 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

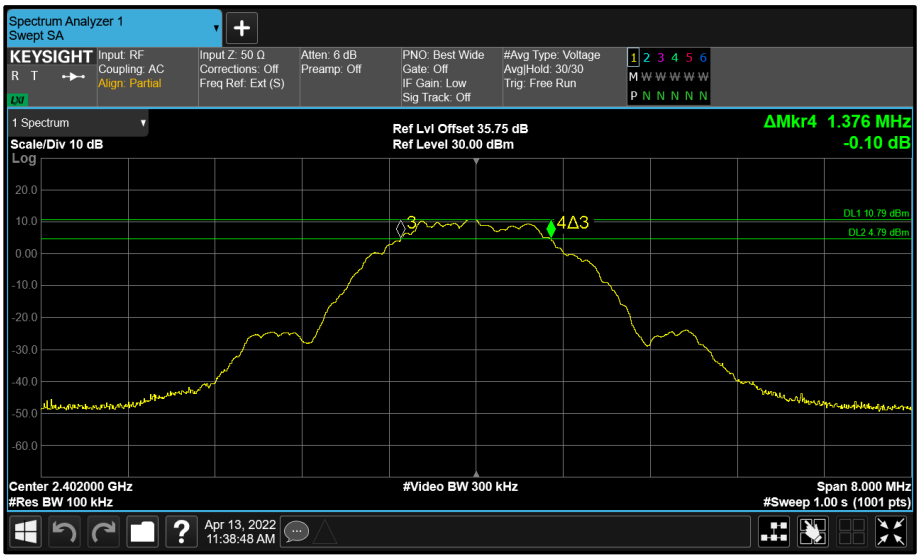

Figure 96 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

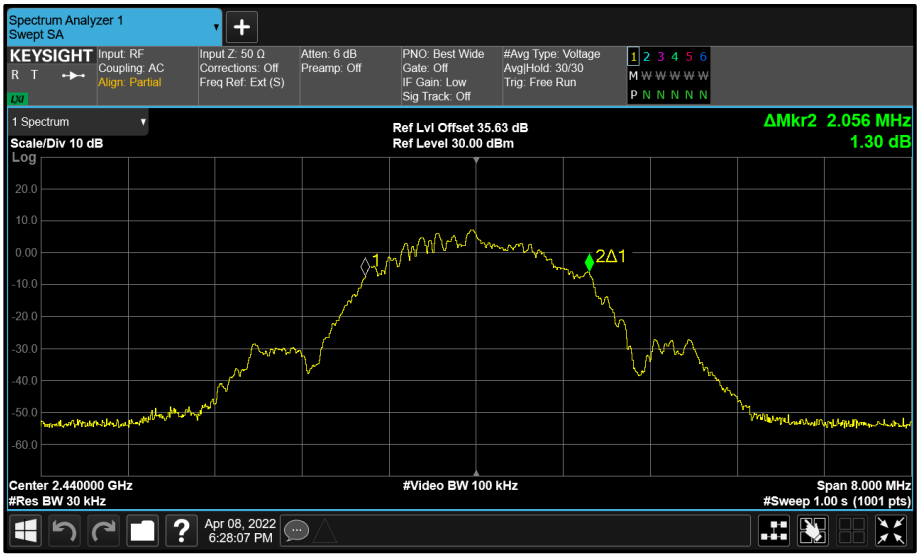

Figure 97 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

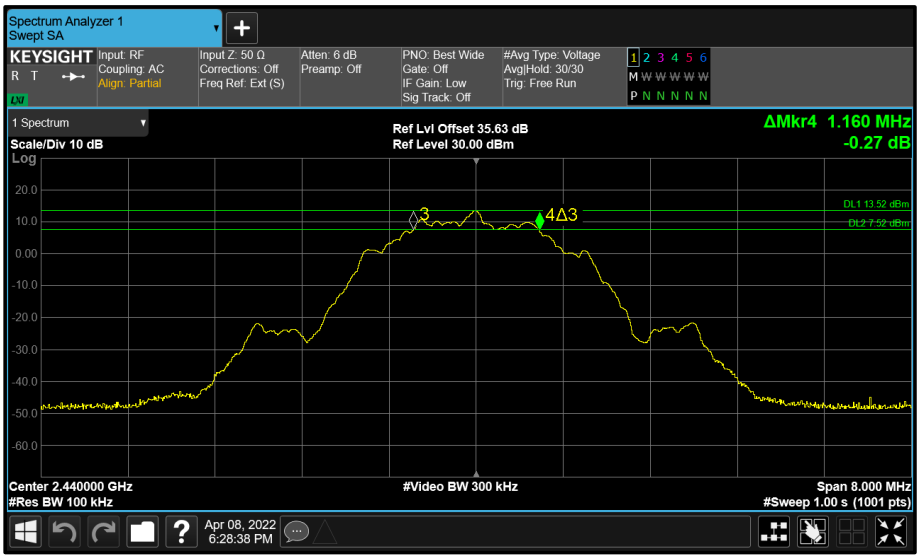

Figure 98 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

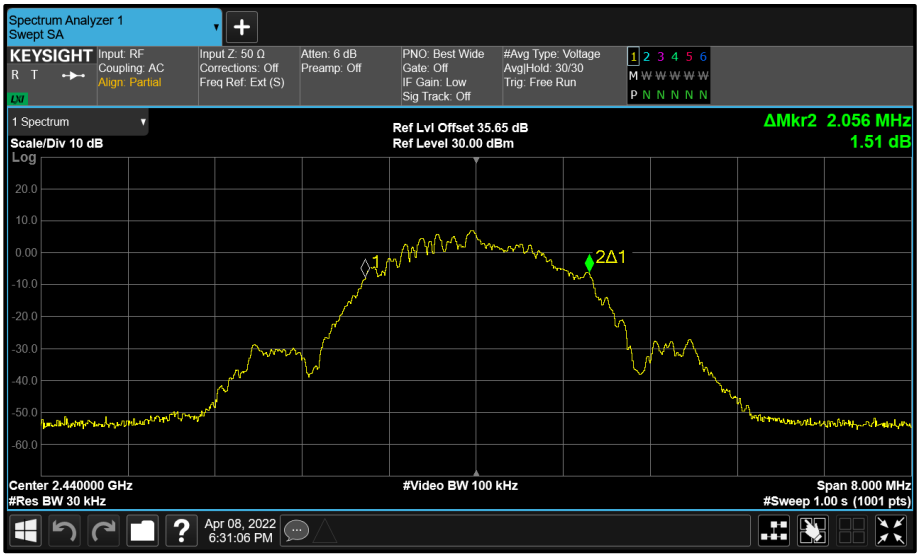

Figure 99 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

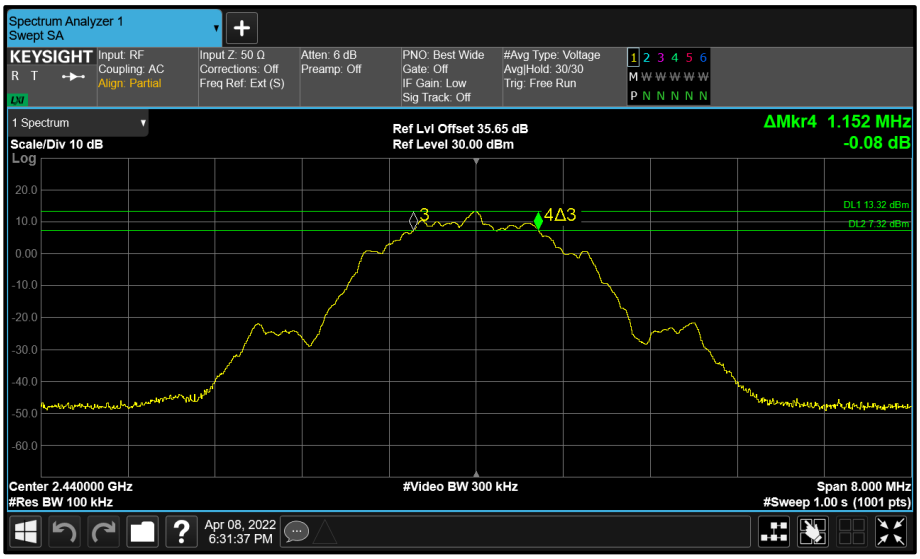

Figure 100 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

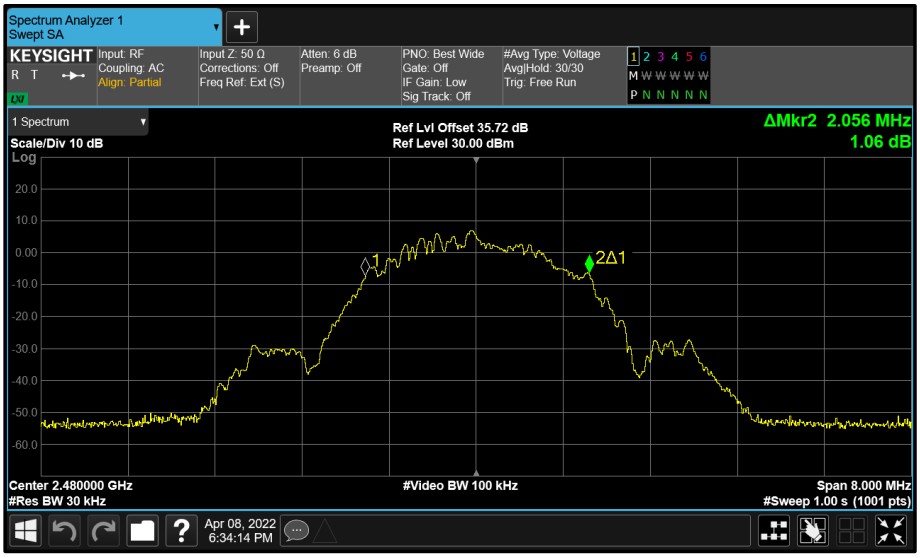

Figure 101 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

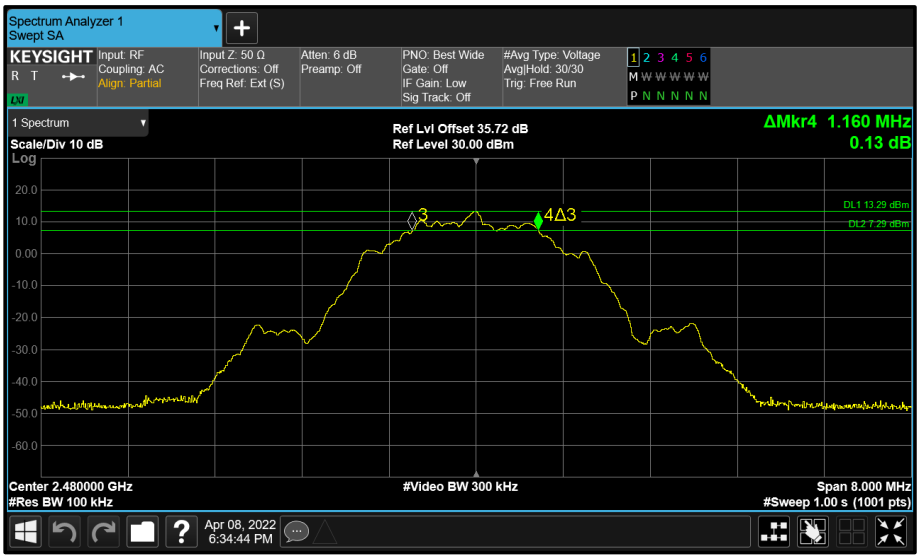

Figure 102 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

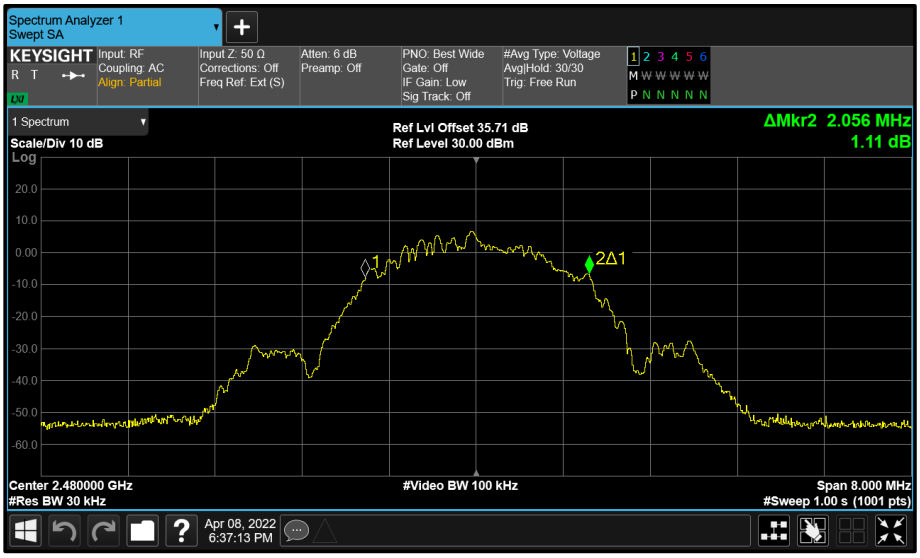

Figure 103 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

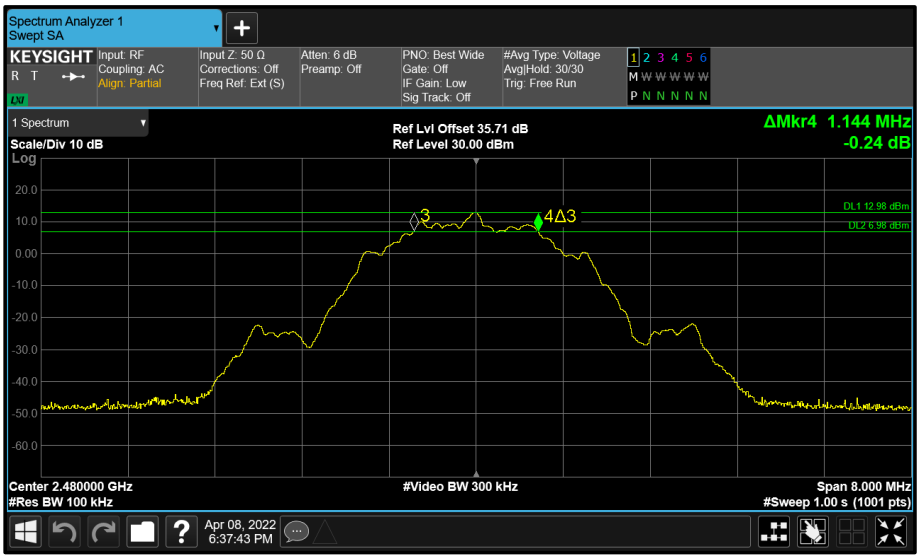

Figure 104 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2)	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:	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	
2404	1.888	-	-	-	≥500.0
2441	1.896	-	-	-	≥500.0
2476	1.896	-	-	-	≥500.0

Table 41 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	2.320	-	-	-	-
2441	2.312	-	-	-	-
2476	2.320	-	-	-	-

Table 42 - 99% Bandwidth Results

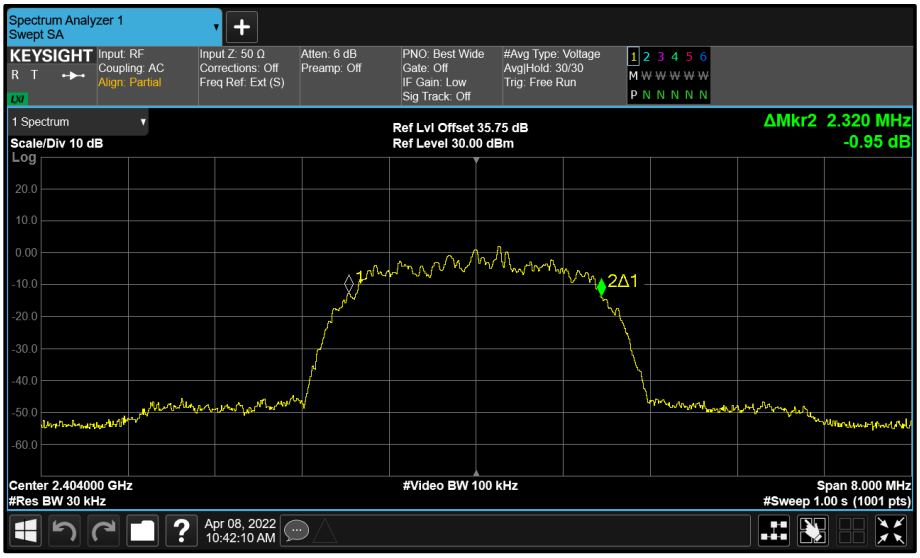

Figure 105 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

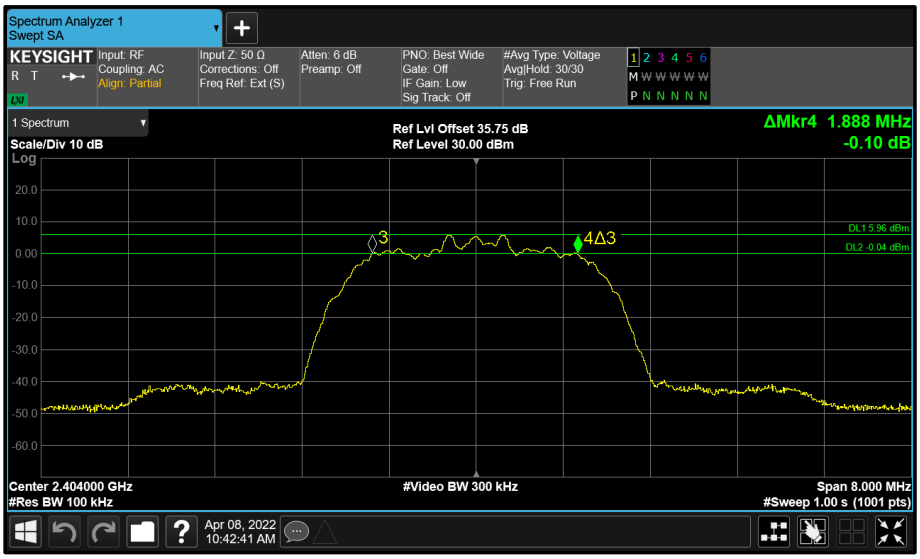

Figure 106 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

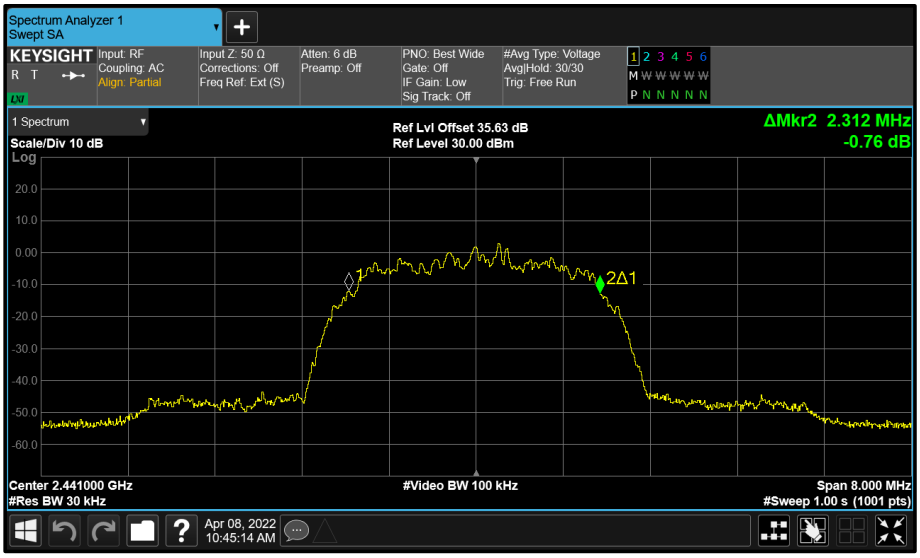

Figure 107 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

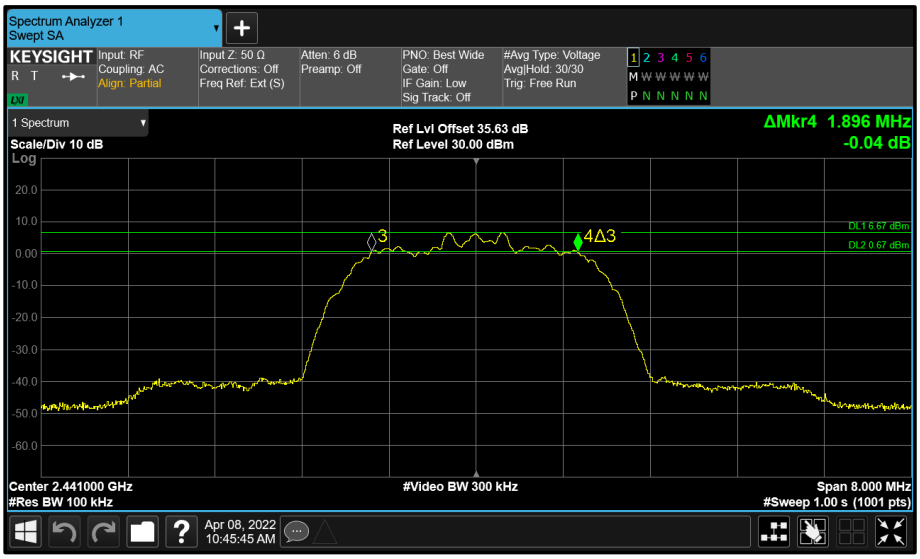

Figure 108 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

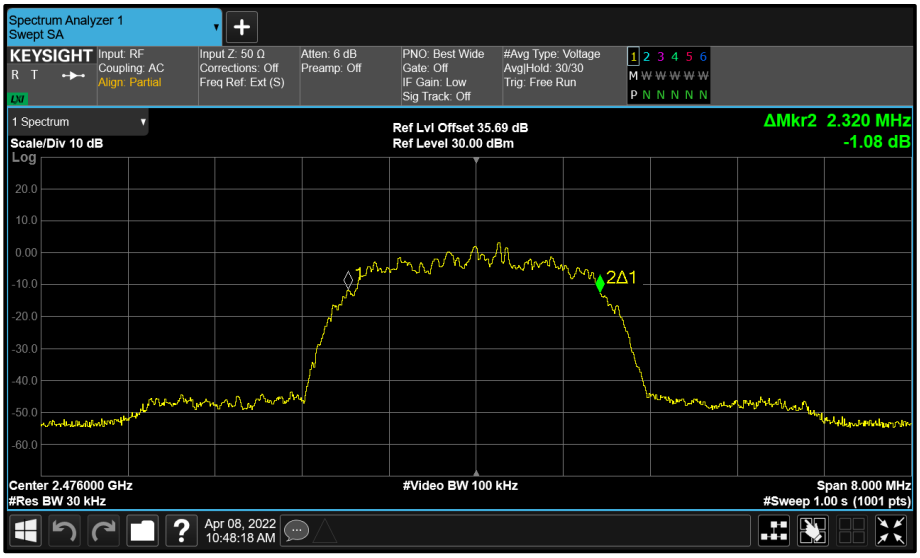

Figure 109 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

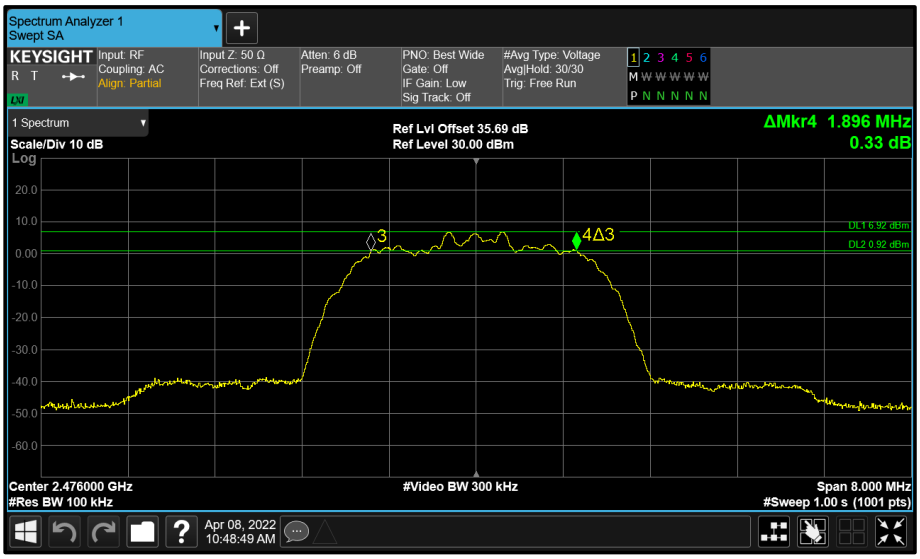

Figure 110 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2)	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:	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	
2404	0.990	-	-	-	≥500.0
2441	1.005	-	-	-	≥500.0
2476	1.005	-	-	-	≥500.0

Table 43 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	4.455	-	-	-	-
2441	4.440	-	-	-	-
2476	4.440	-	-	-	-

Table 44 - 99% Bandwidth Results

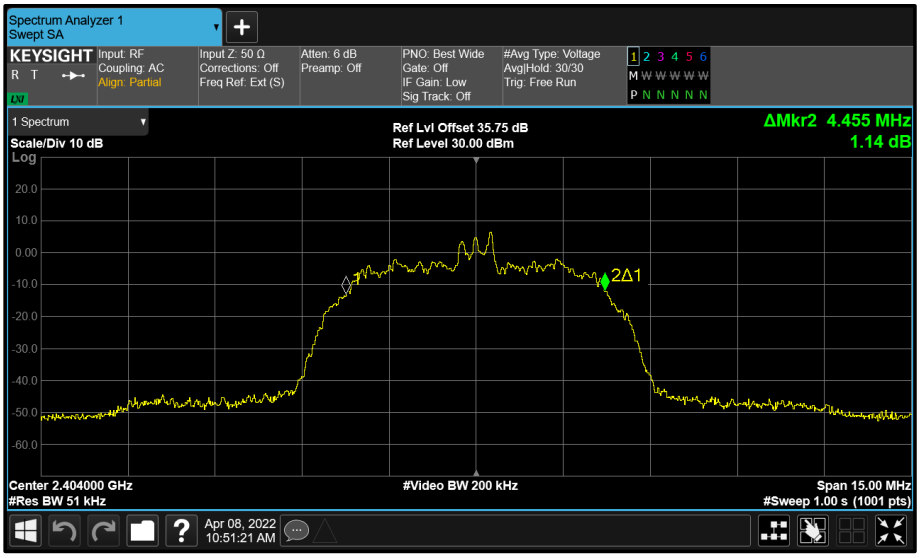

Figure 111 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

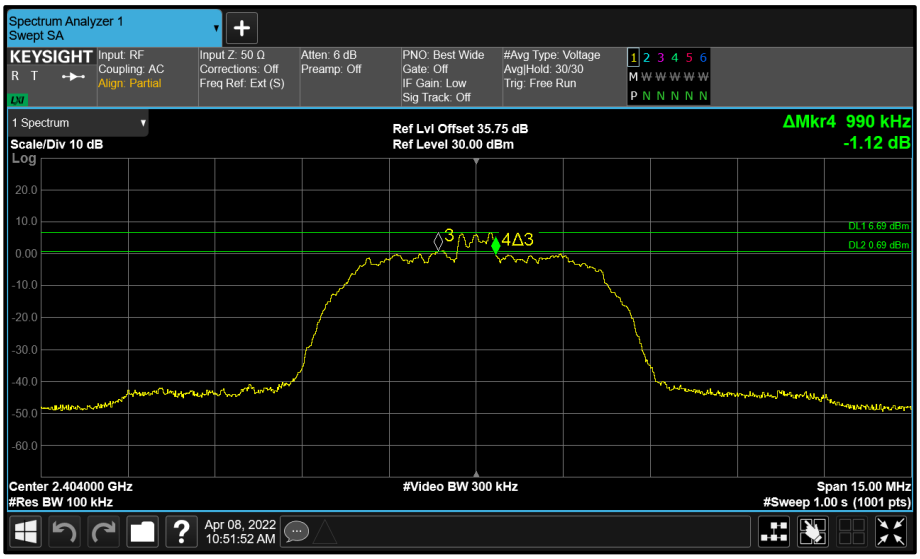

Figure 112 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

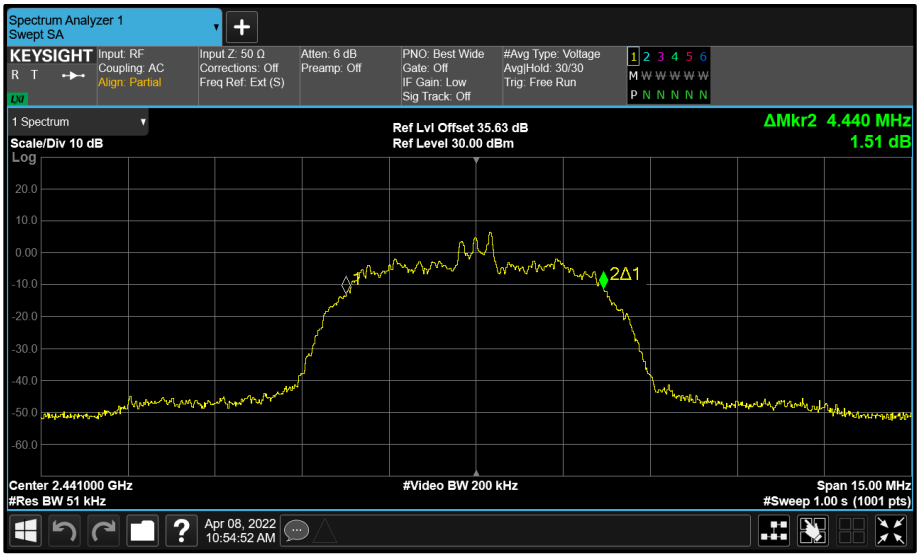

Figure 113 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

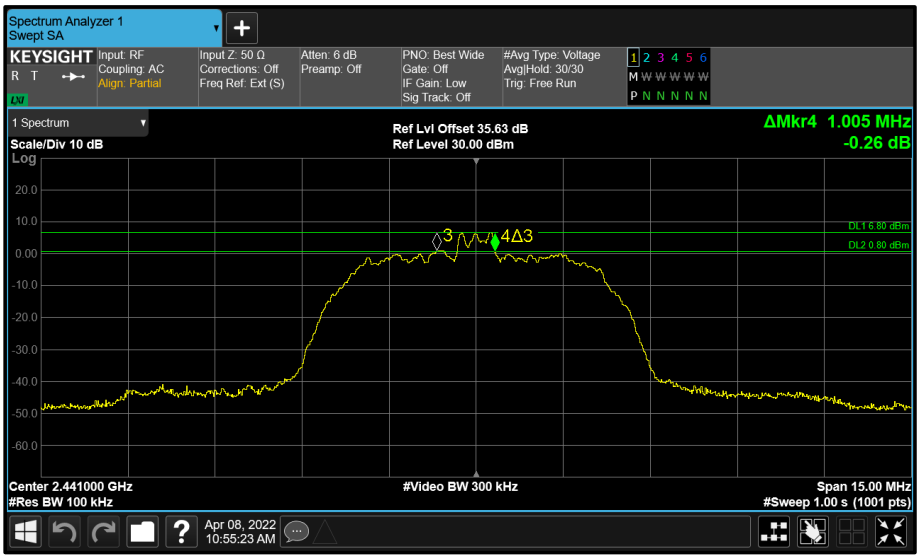

Figure 114 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

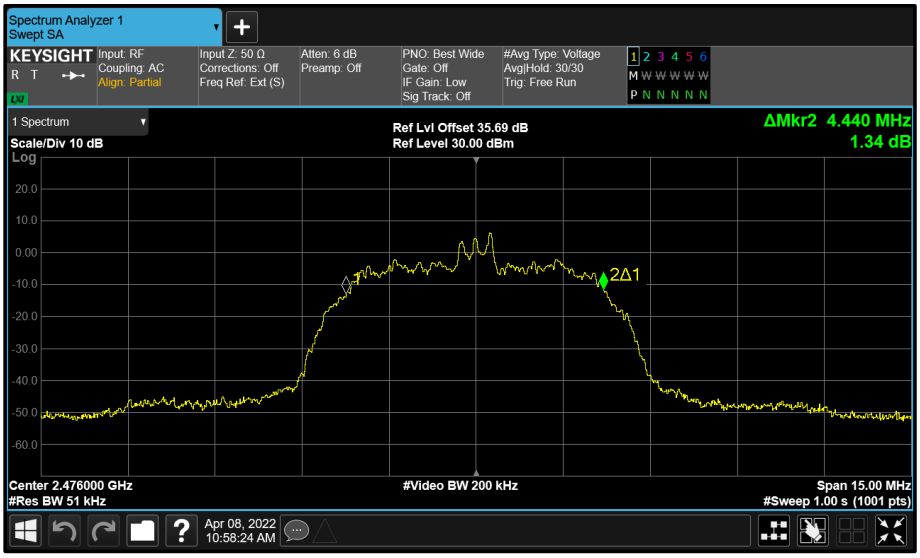

Figure 115 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

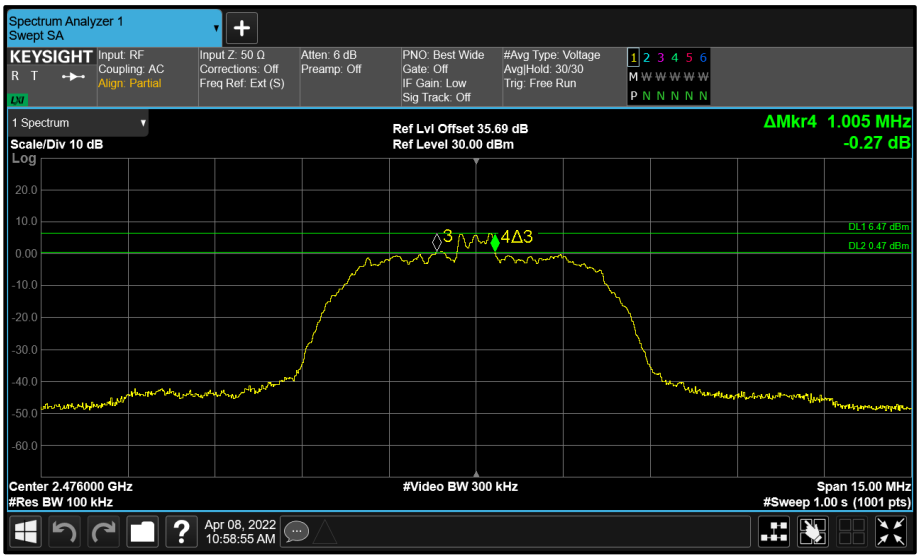

Figure 116 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2)	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	
2404	1.896	1.888	-	-	≥500.0
2441	1.896	1.896	-	-	≥500.0
2476	1.896	1.888	-	-	≥500.0

Table 45 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	2.320	2.320	-	-	-
2441	2.312	2.320	-	-	-
2476	2.320	2.320	-	-	-

Table 46 - 99% Bandwidth Results

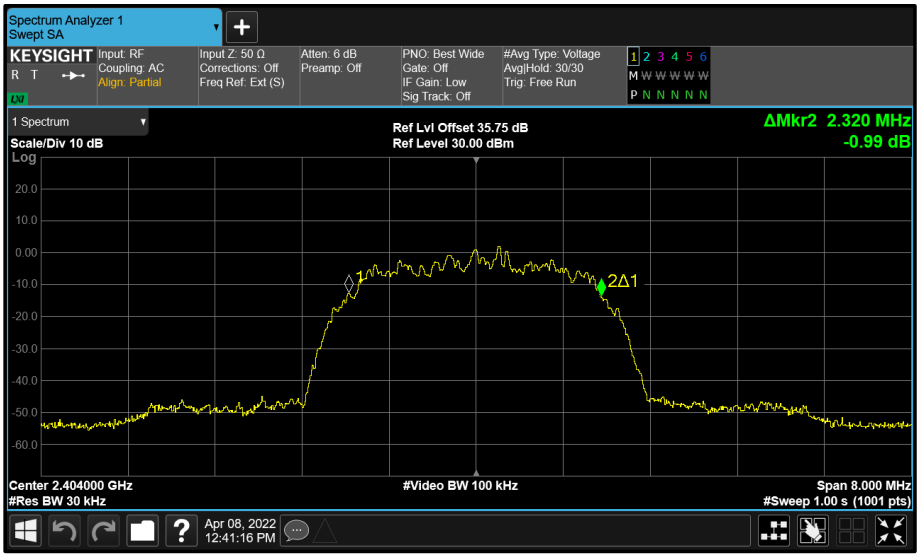

Figure 117 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

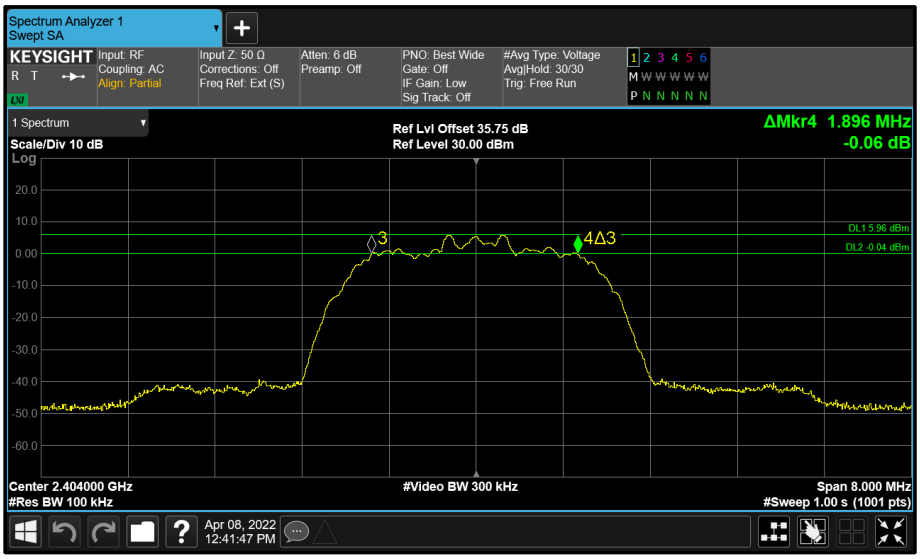

Figure 118 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

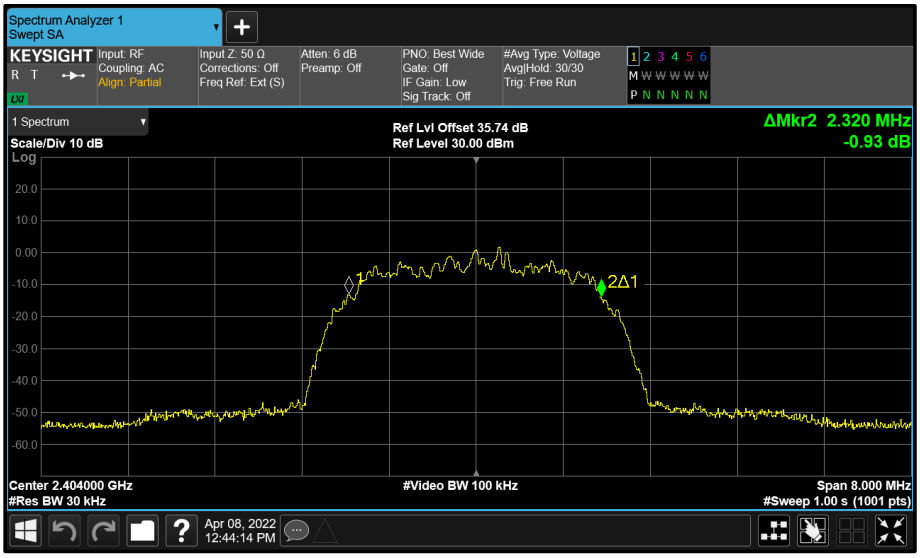

Figure 119 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

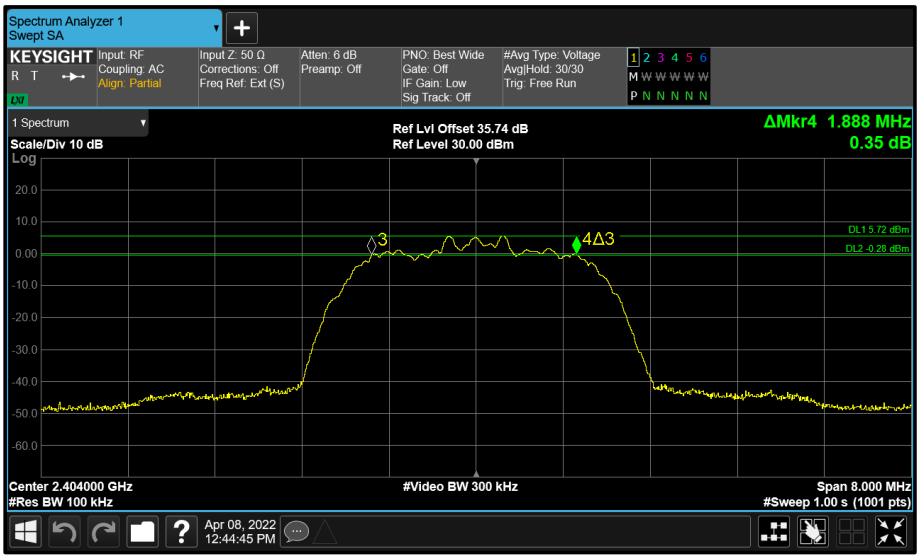

Figure 120 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

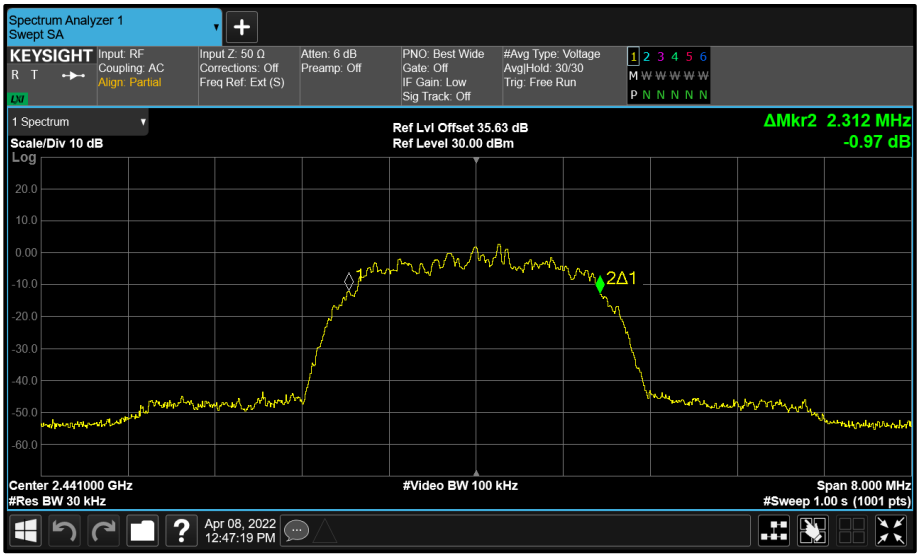

Figure 121 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

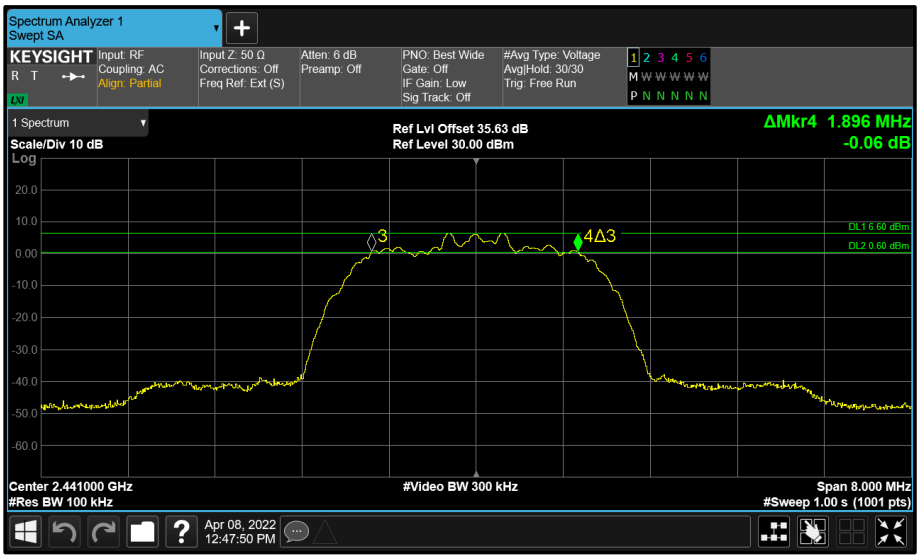

Figure 122 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

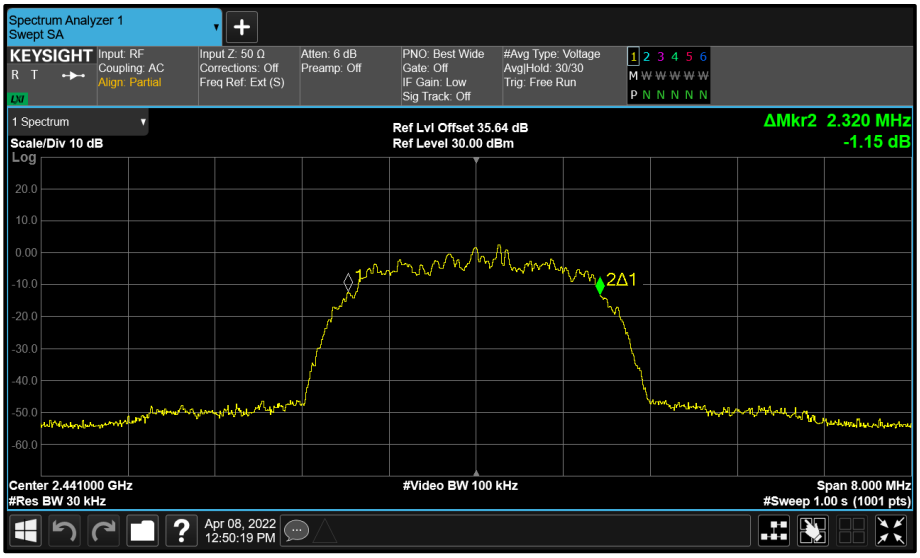

Figure 123 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

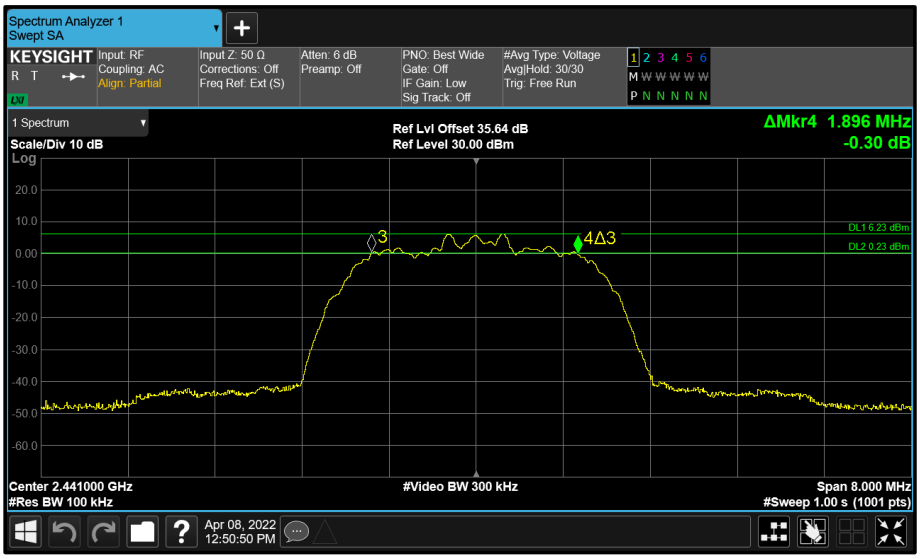

Figure 124 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

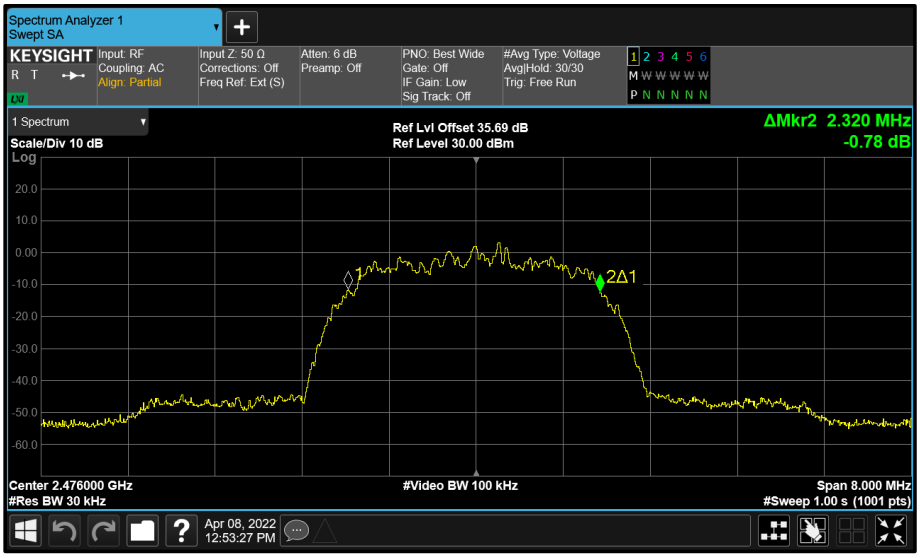

Figure 125 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

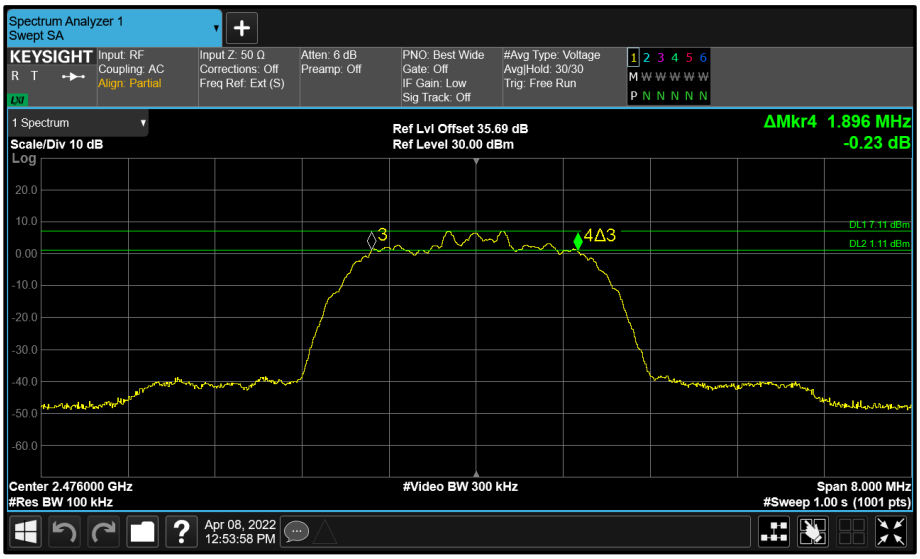

Figure 126 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

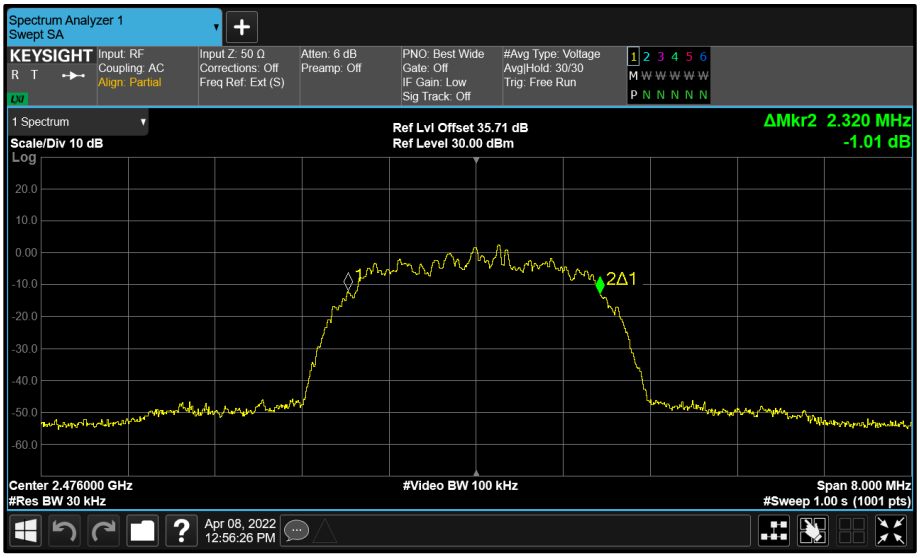

Figure 127 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

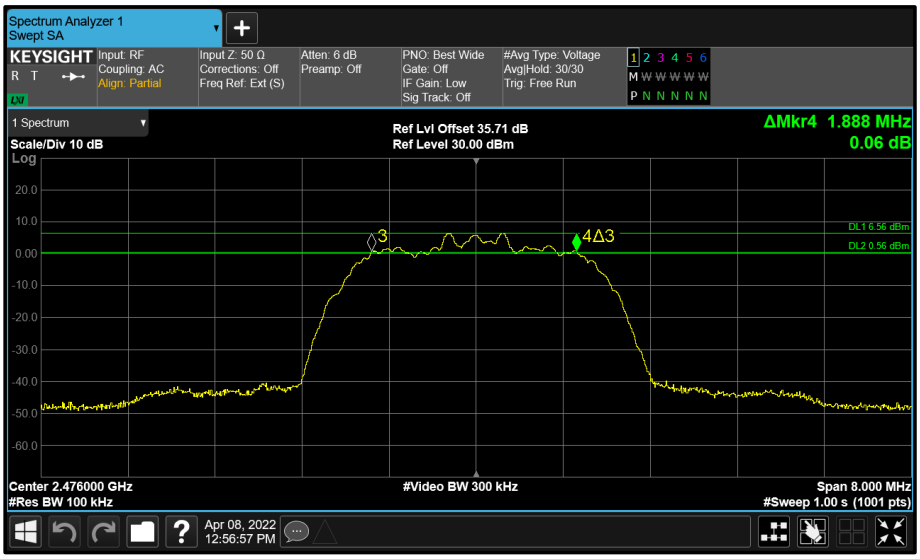

Figure 128 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2)	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	
2404	0.975	1.020	-	-	≥500.0
2441	1.020	1.020	-	-	≥500.0
2476	1.020	0.960	-	-	≥500.0

Table 47 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2404	4.455	4.455	-	-	-
2441	4.455	4.455	-	-	-
2476	4.455	4.455	-	-	-

Table 48 - 99% Bandwidth Results

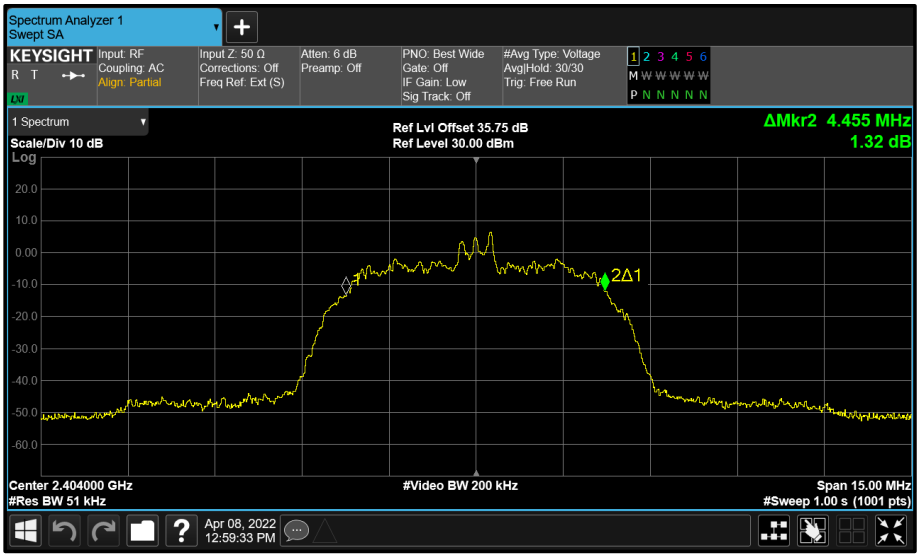

Figure 129 - Core 0 (A) 2404 MHz (CH2) 99% Bandwidth

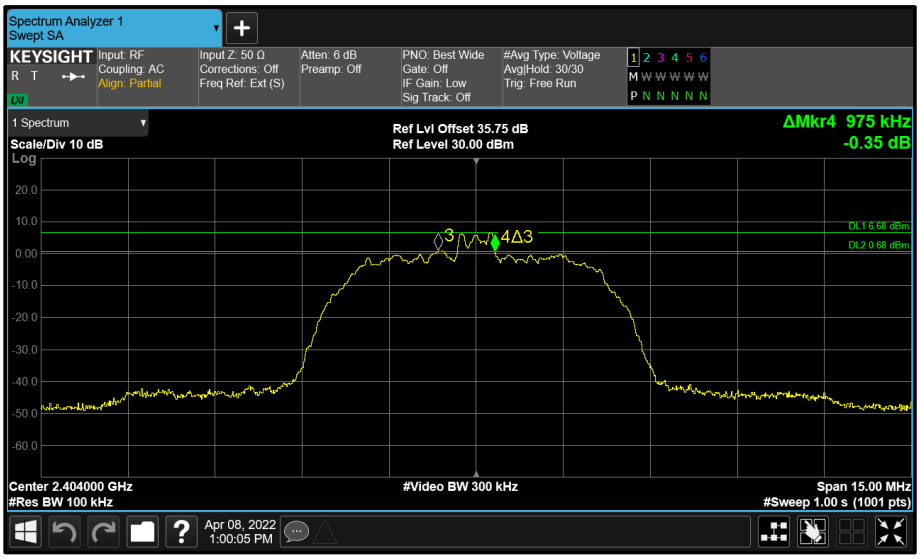

Figure 130 - Core 0 (A) 2404 MHz (CH2) 6 dB Bandwidth

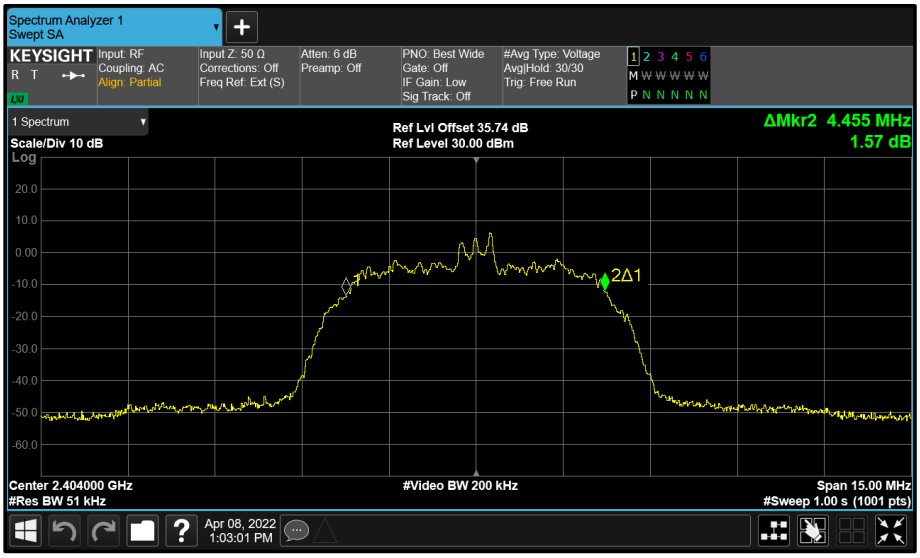

Figure 131 - Core 1 (B) 2404 MHz (CH2) 99% Bandwidth

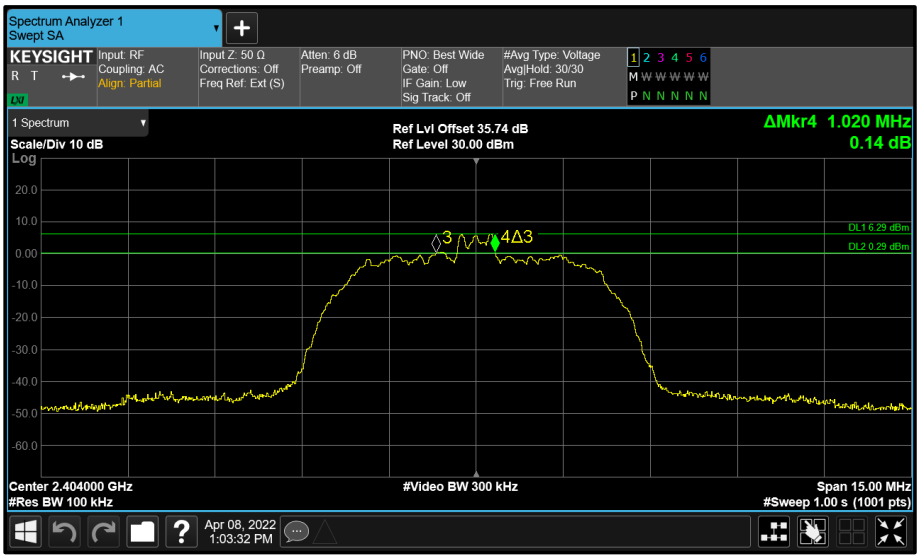

Figure 132 - Core 1 (B) 2404 MHz (CH2) 6 dB Bandwidth

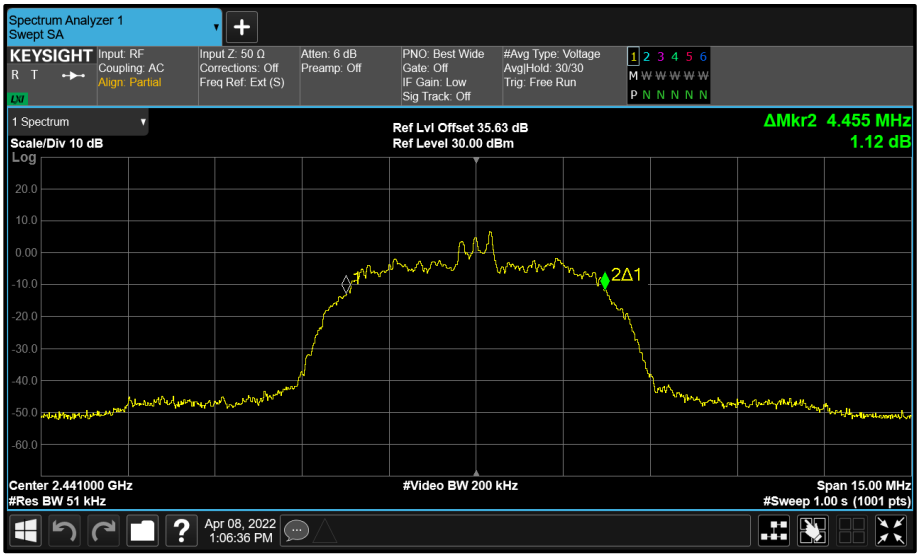

Figure 133 - Core 0 (A) 2441 MHz (CH39) 99% Bandwidth

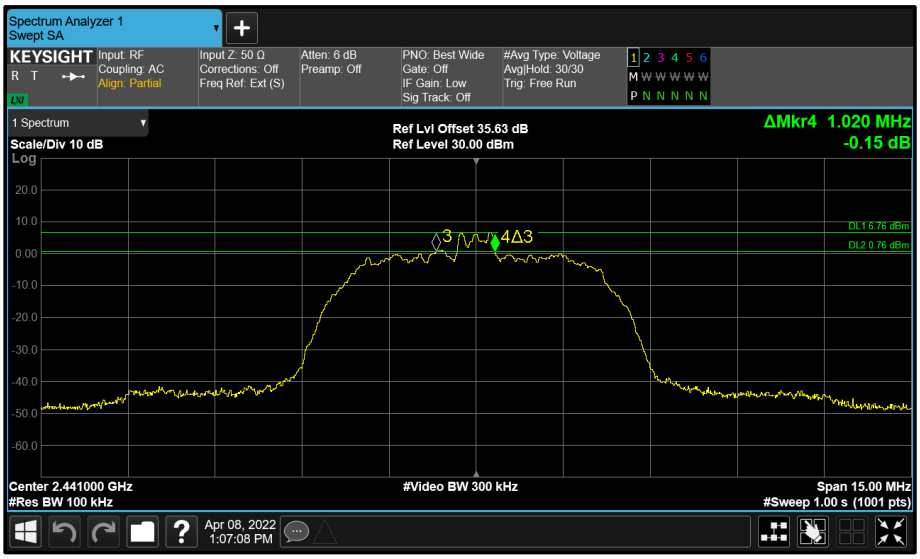

Figure 134 - Core 0 (A) 2441 MHz (CH39) 6 dB Bandwidth

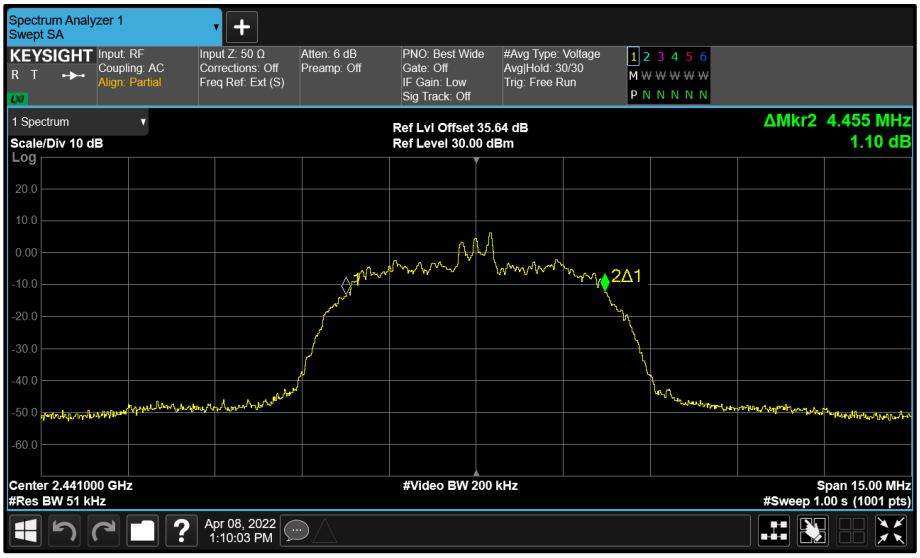

Figure 135 - Core 1 (B) 2441 MHz (CH39) 99% Bandwidth

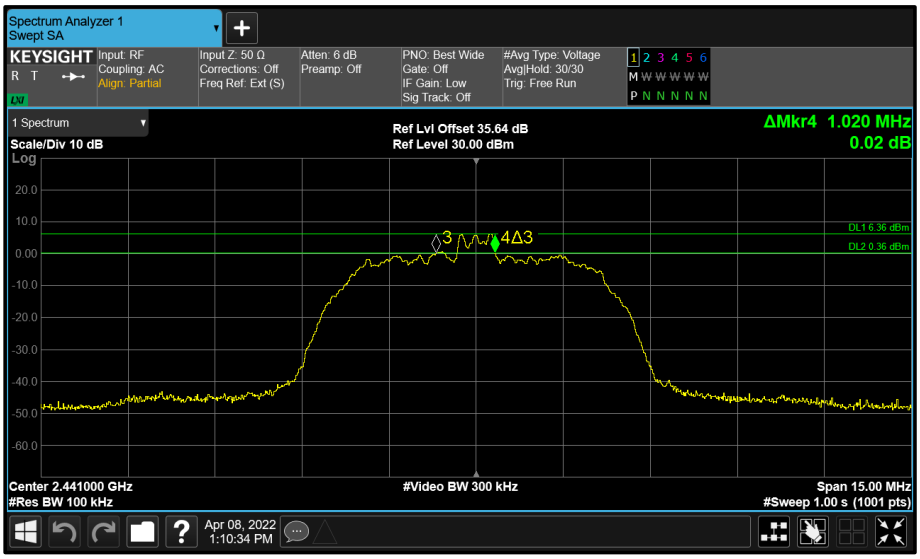

Figure 136 - Core 1 (B) 2441 MHz (CH39) 6 dB Bandwidth

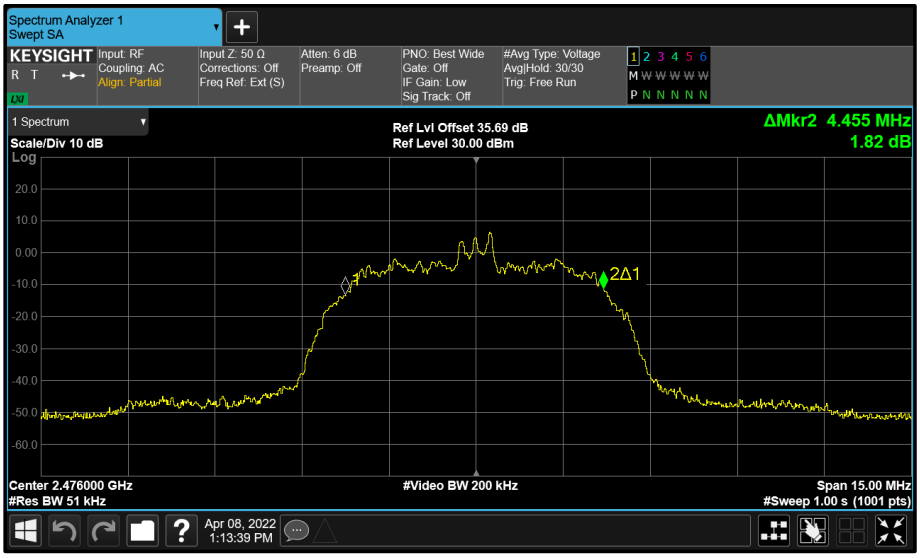

Figure 137 - Core 0 (A) 2476 MHz (CH74) 99% Bandwidth

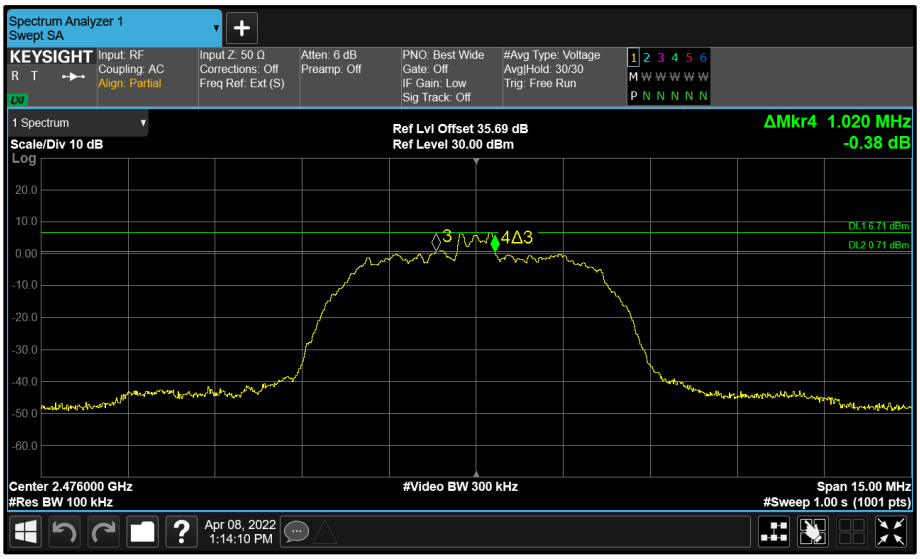

Figure 138 - Core 0 (A) 2476 MHz (CH74) 6 dB Bandwidth

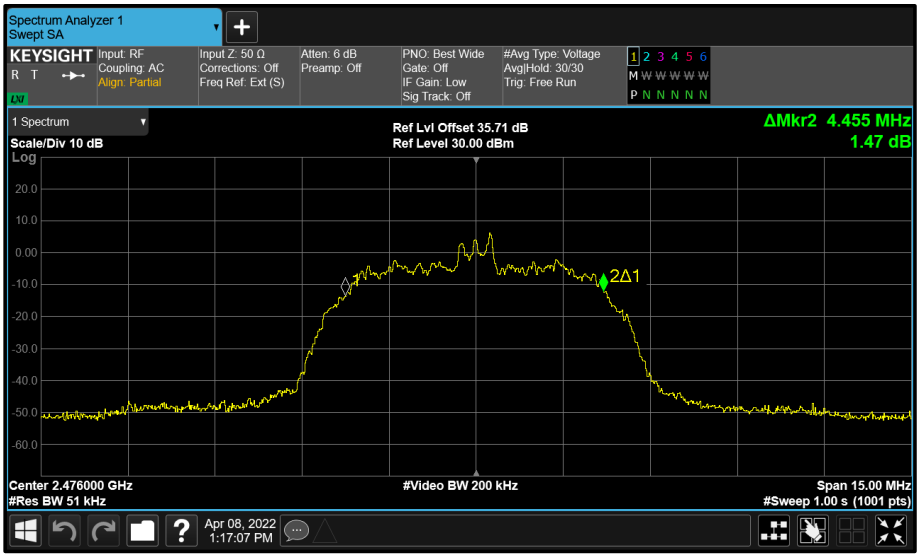

Figure 139 - Core 1 (B) 2476 MHz (CH74) 99% Bandwidth

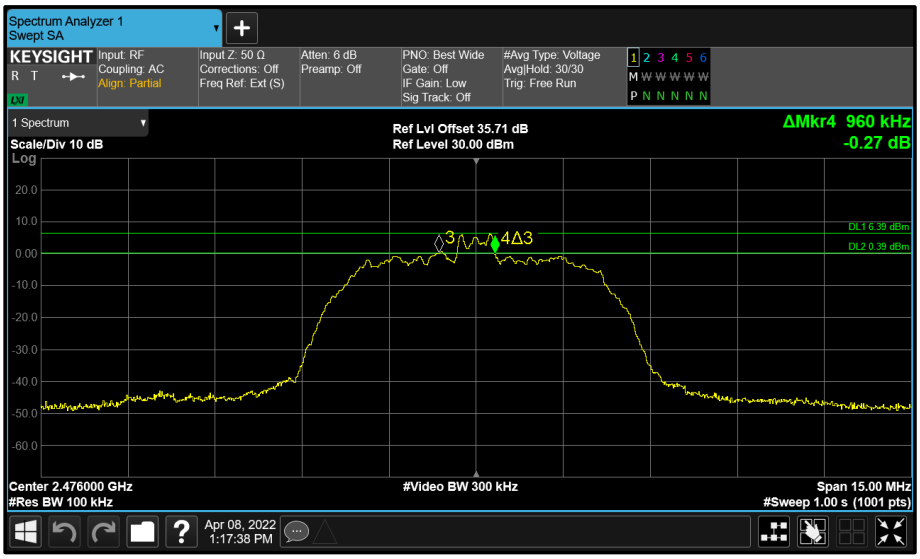

Figure 140 - Core 1 (B) 2476 MHz (CH74) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2)	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	
2402	0.784	-	-	-	≥500.0
2440	0.688	-	-	-	≥500.0
2480	0.704	-	-	-	≥500.0

Table 49 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.084	-	-	-	-
2440	1.032	-	-	-	-
2480	1.036	-	-	-	-

Table 50 - 99% Bandwidth Results

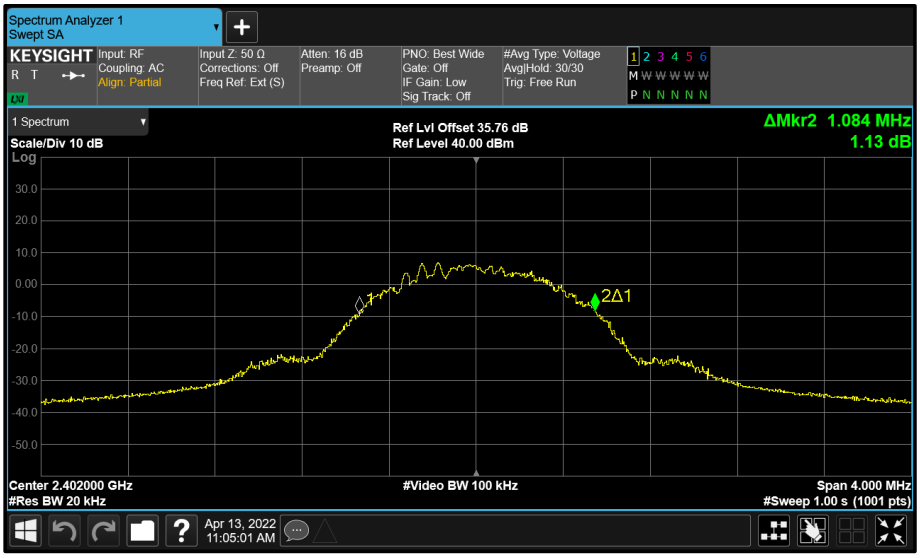

Figure 141 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

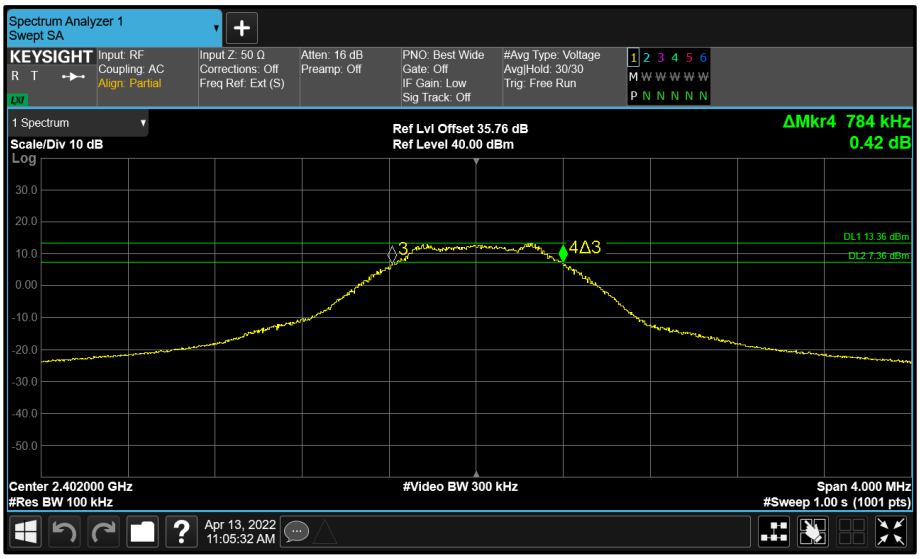

Figure 142 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

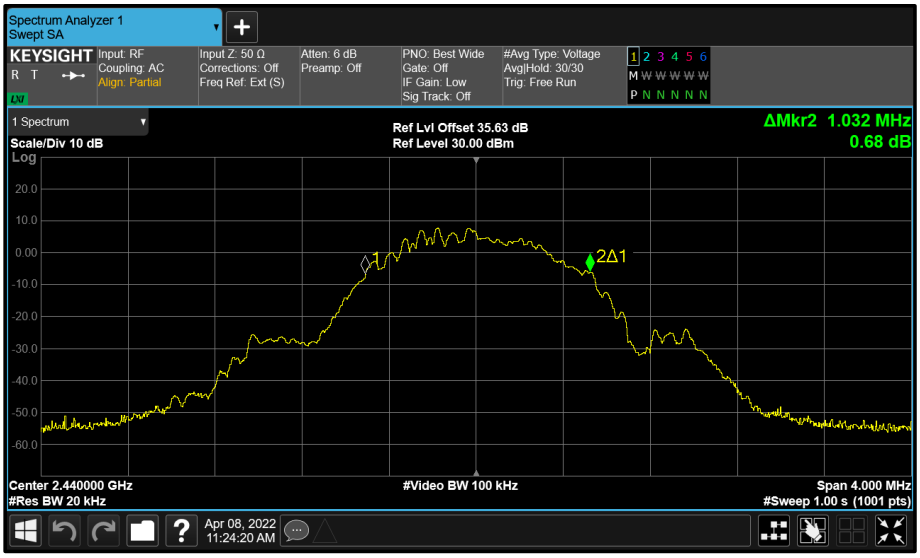

Figure 143 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

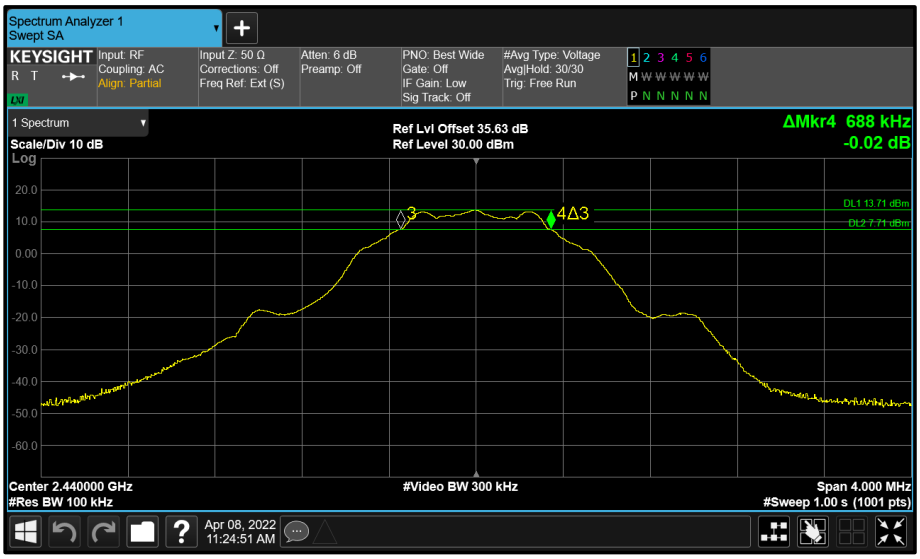

Figure 144 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

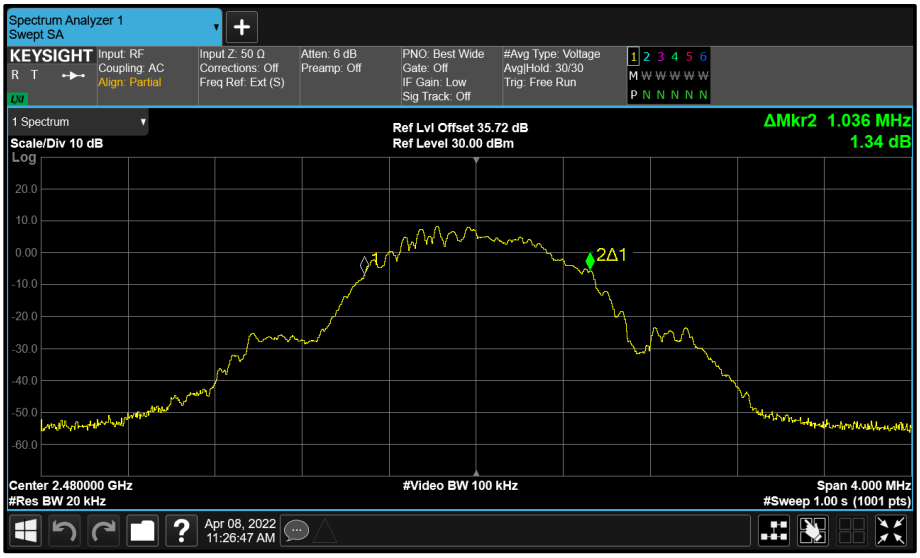

Figure 145 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

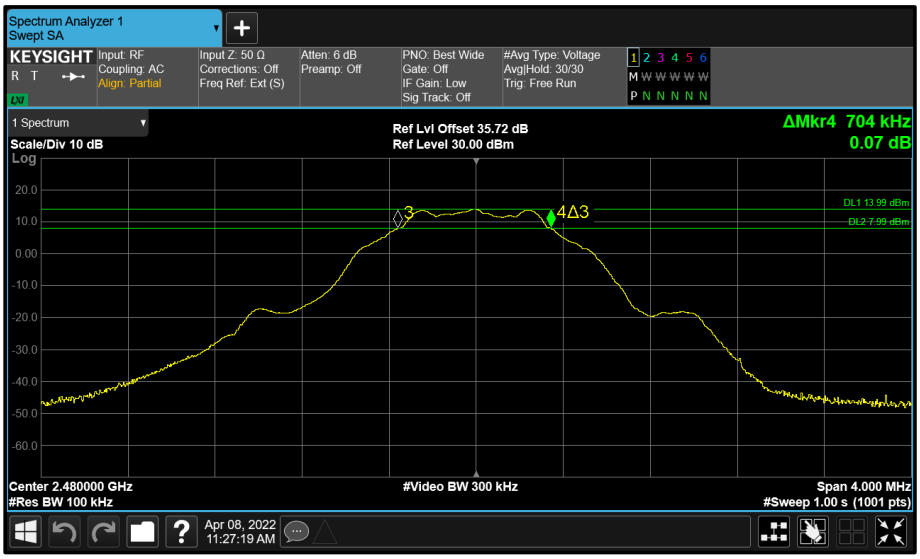

Figure 146 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

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

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	0.728	0.704	-	-	≥500.0
2440	0.712	0.708	-	-	≥500.0
2480	0.720	0.704	-	-	≥500.0

Table 51 - 6 dB Bandwidth Results

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

Table 52 - 99% Bandwidth Results

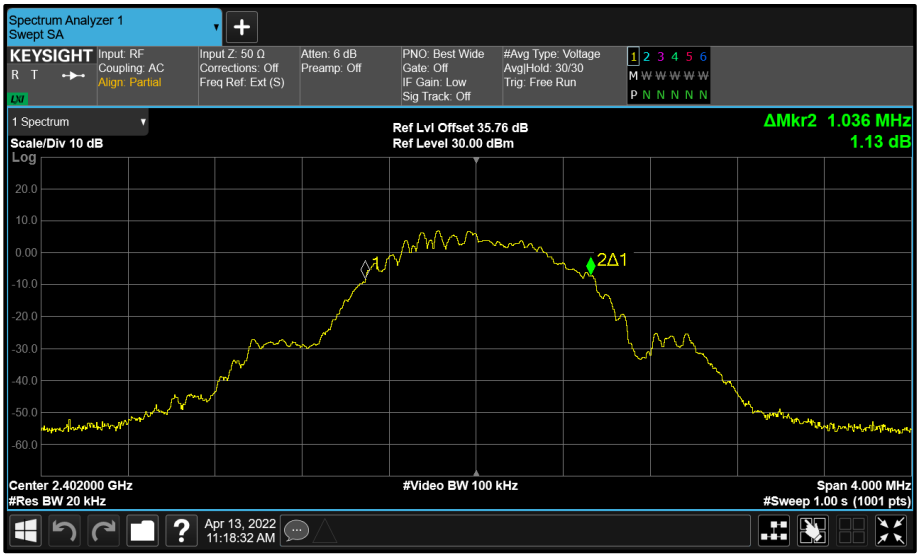

Figure 147 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

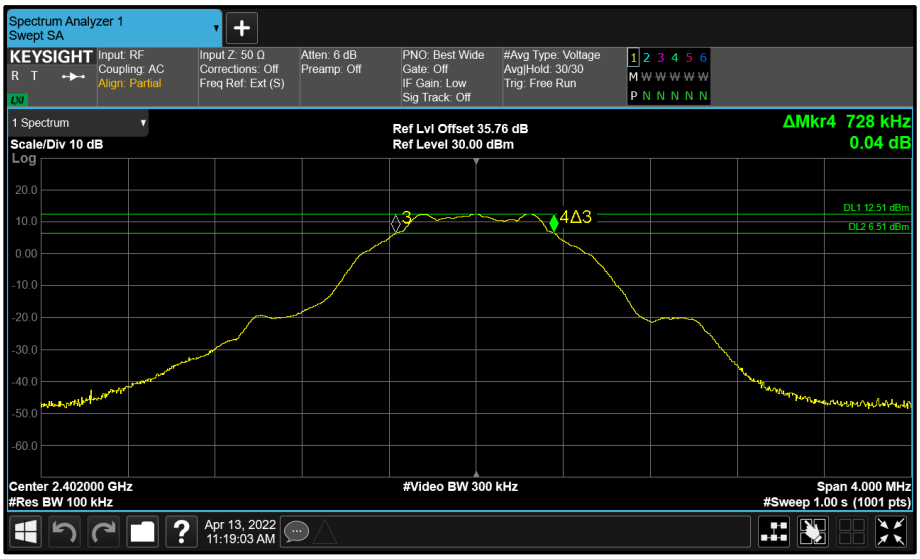

Figure 148 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

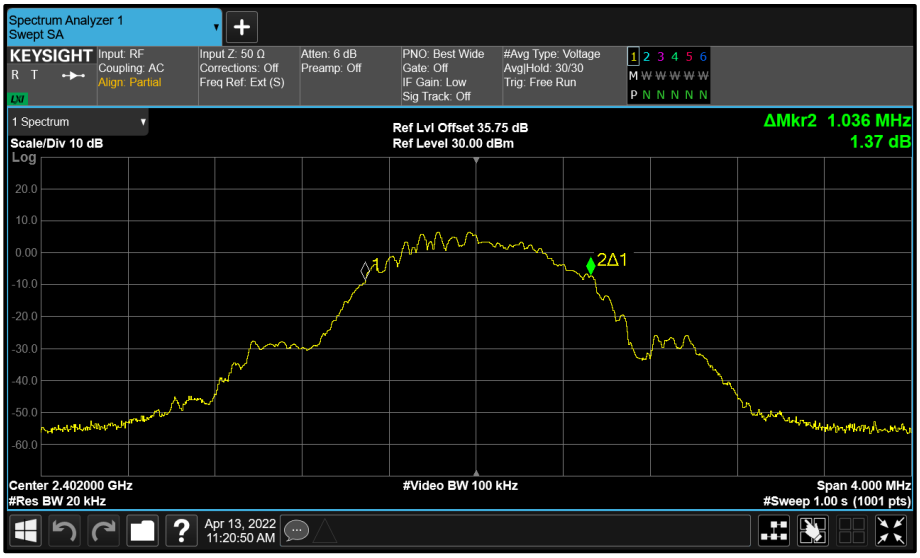

Figure 149 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

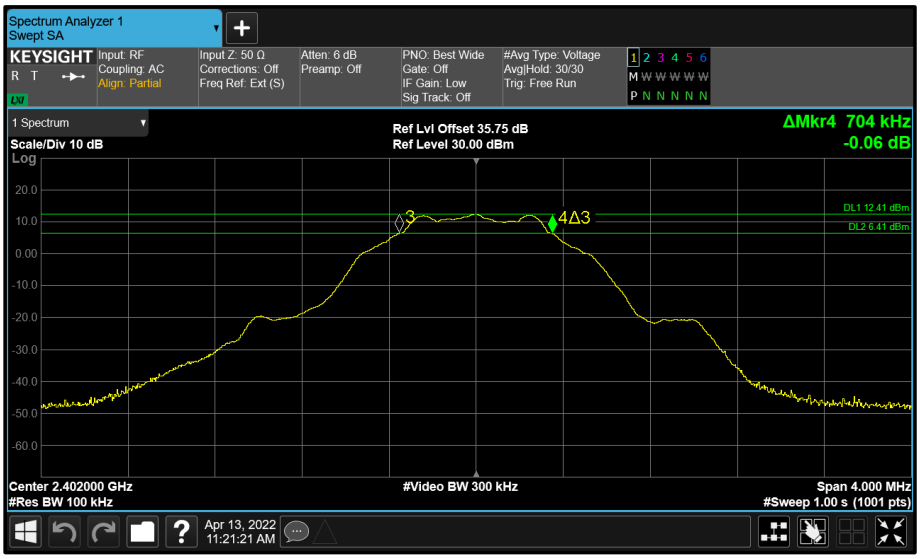

Figure 150 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

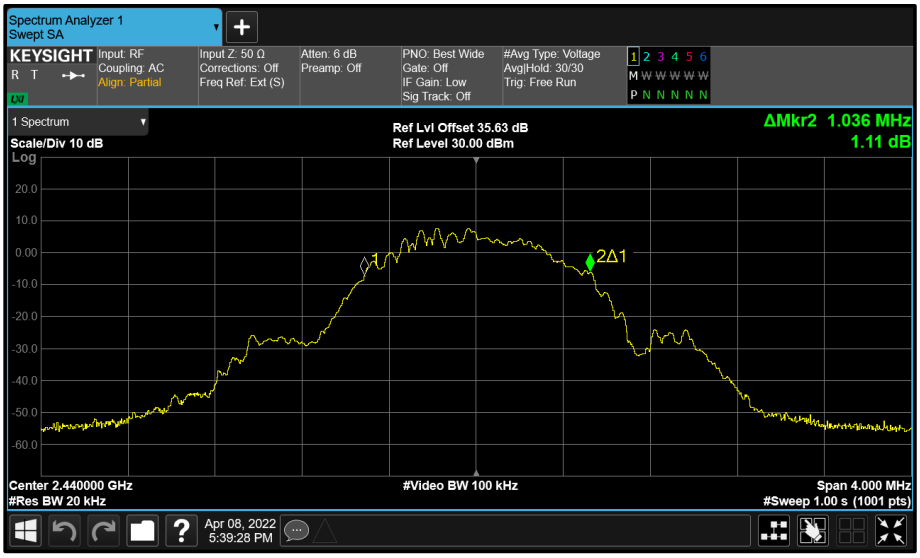

Figure 151 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

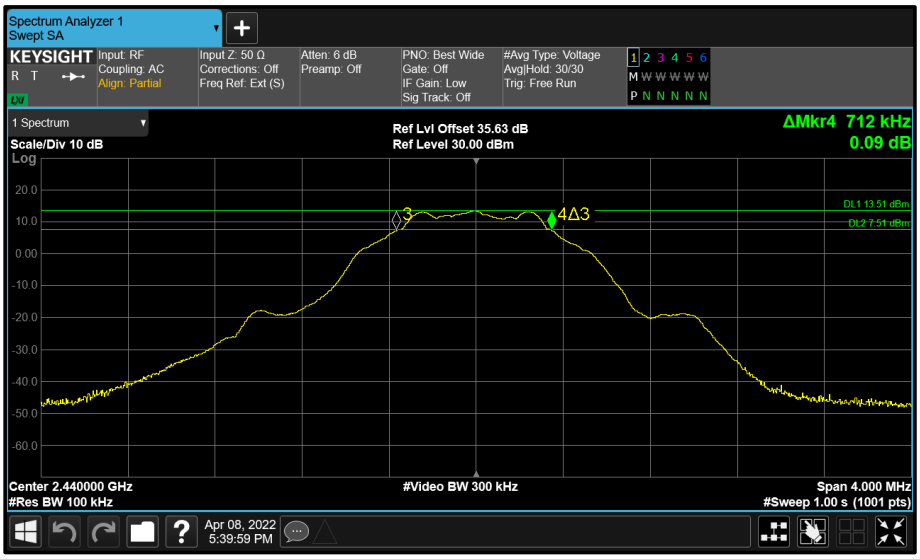

Figure 152 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

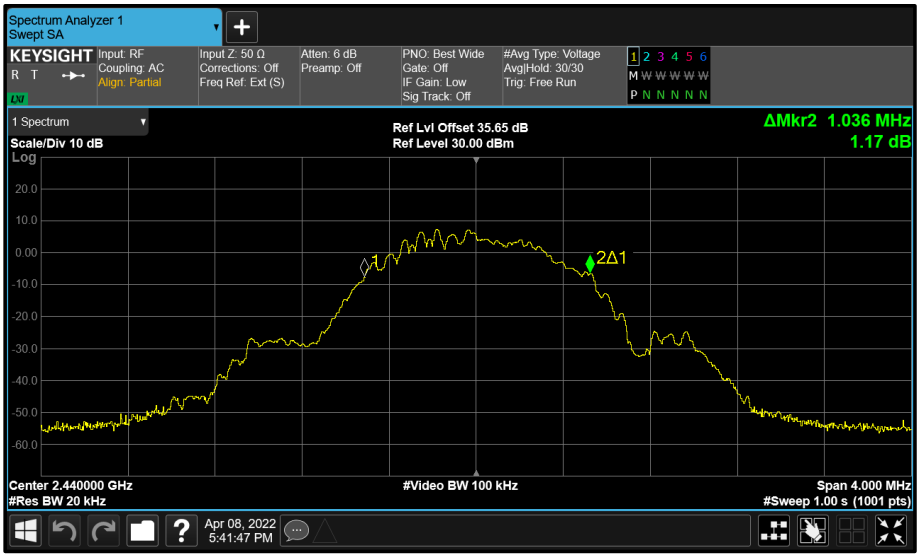

Figure 153 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

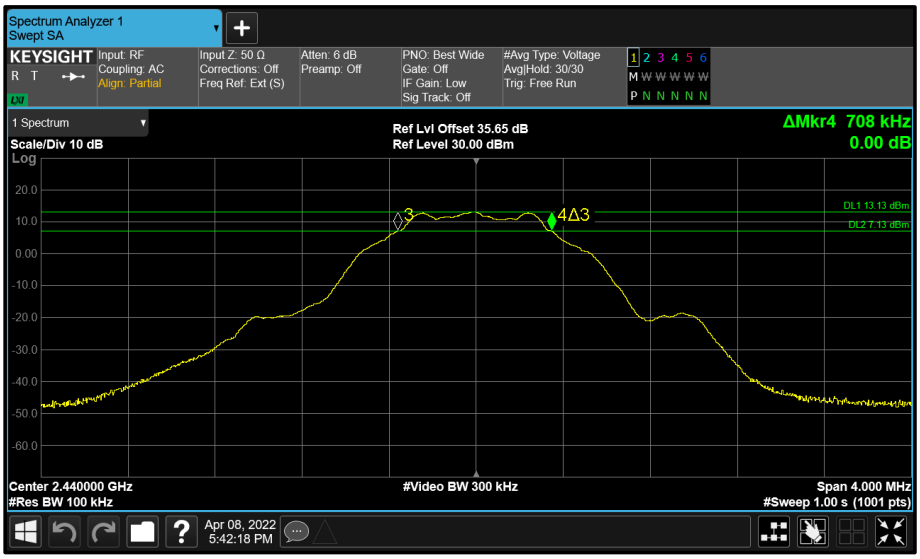

Figure 154 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

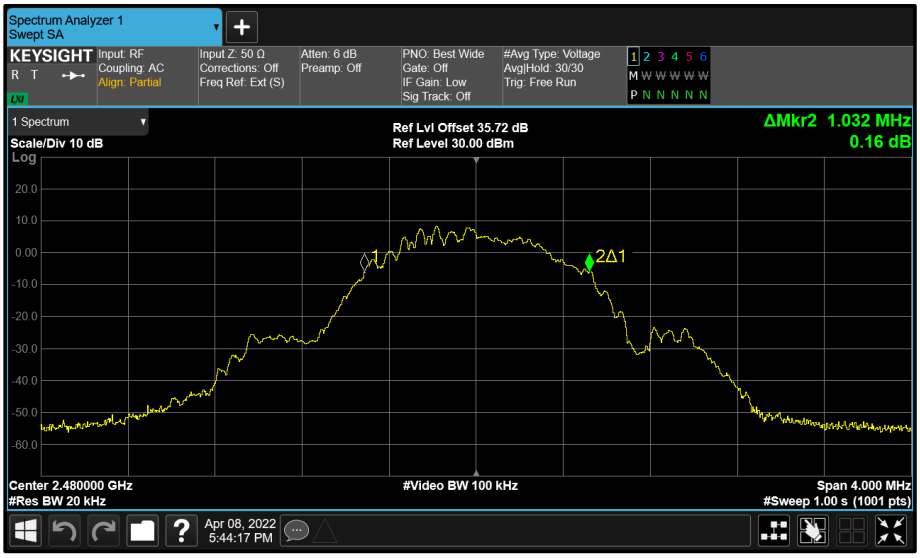

Figure 155 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

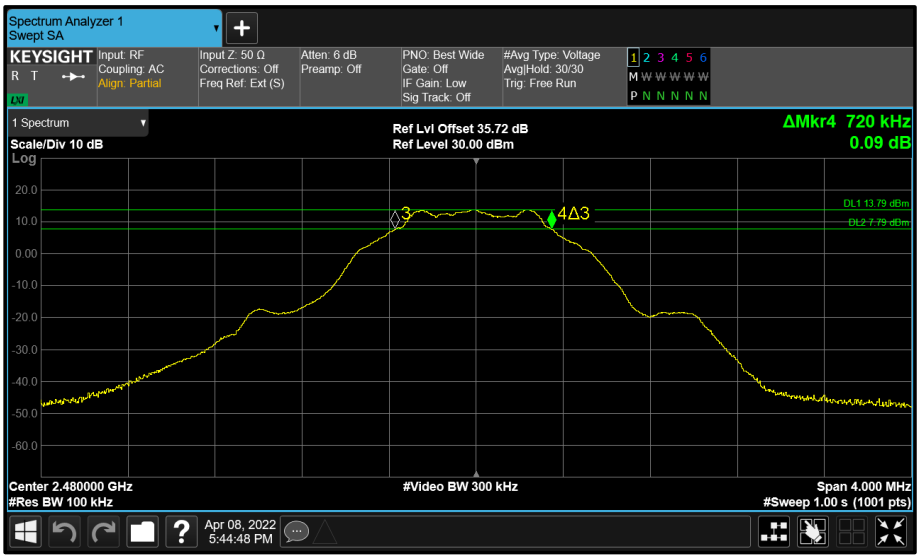

Figure 156 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

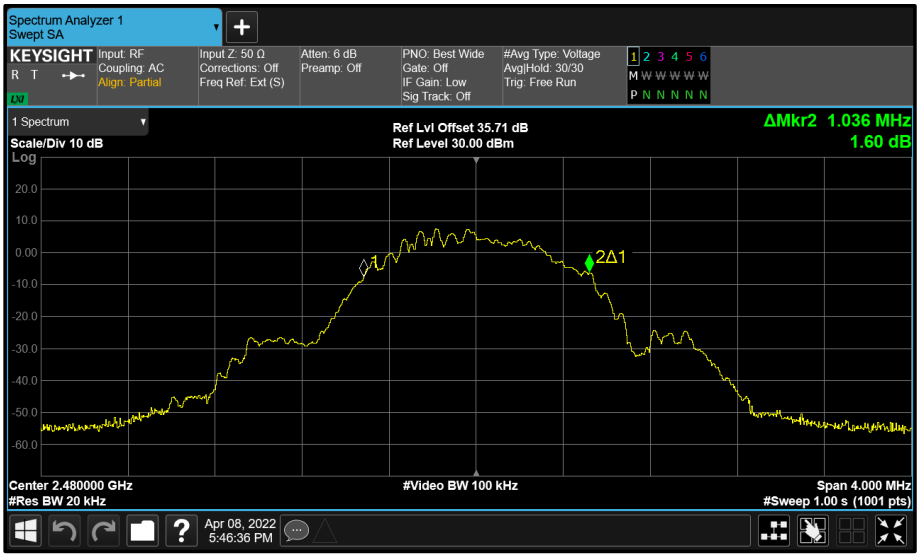

Figure 157 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

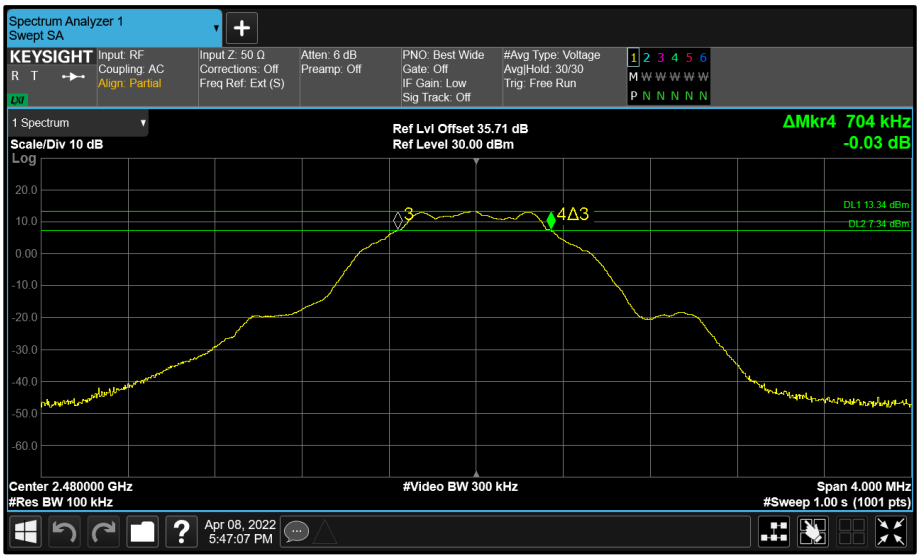

Figure 158 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2)	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	
2402	1.224	-	-	-	≥500.0
2440	1.128	-	-	-	≥500.0
2480	1.136	-	-	-	≥500.0

Table 53 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	2.032	-	-	-	-
2440	2.064	-	-	-	-
2480	2.056	-	-	-	-

Table 54 - 99% Bandwidth Results

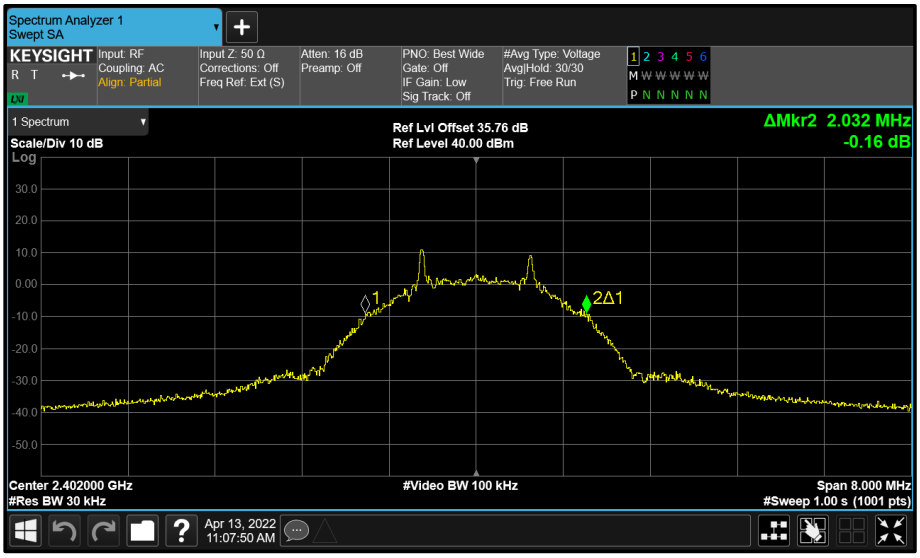

Figure 159 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

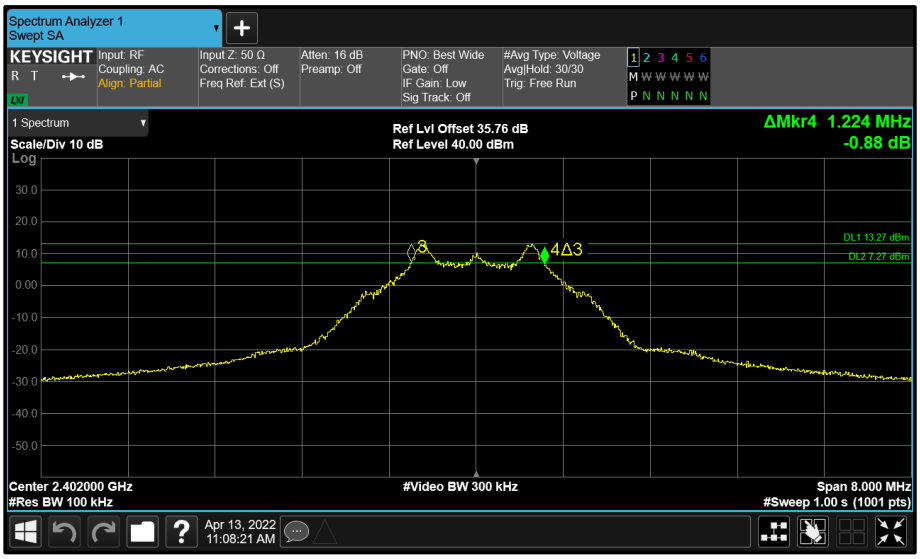

Figure 160 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

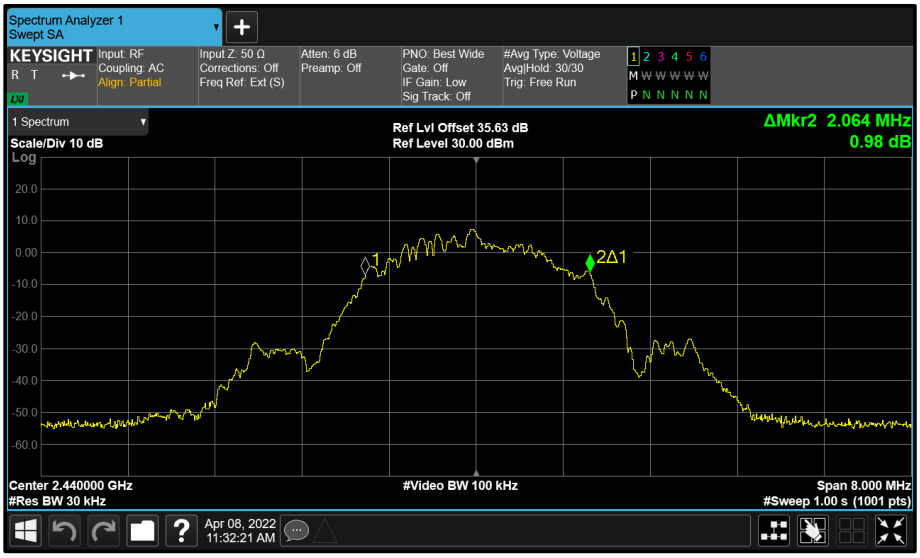

Figure 161 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

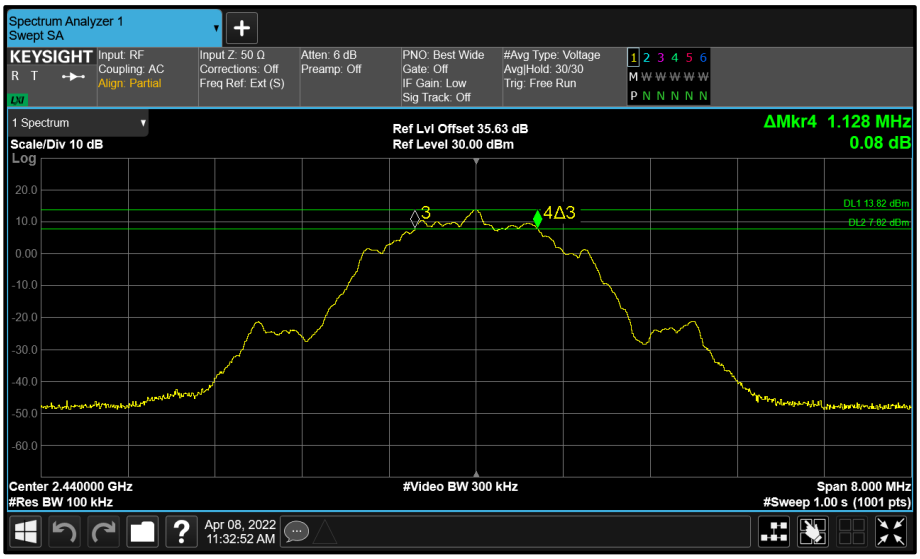

Figure 162 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

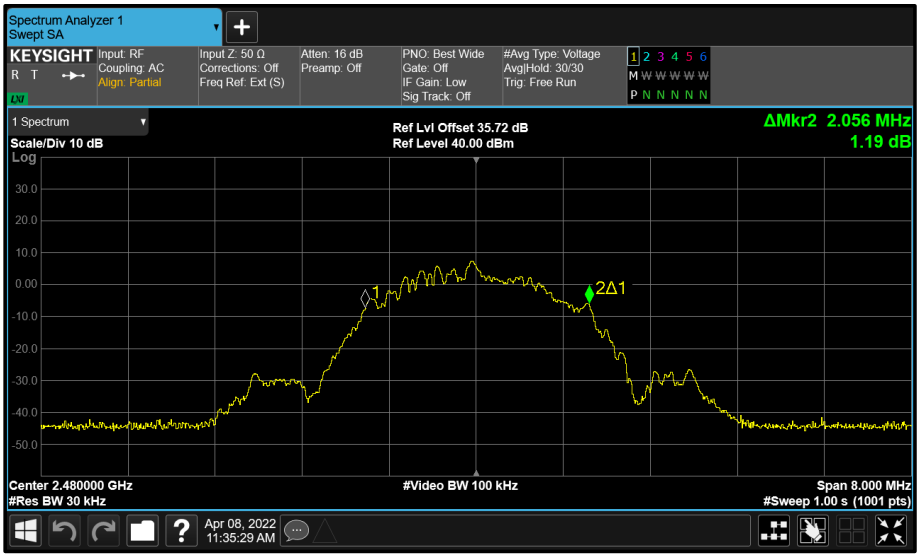

Figure 163 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

Figure 164 - 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)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2402	1.184	1.376	-	-	≥500.0
2440	1.160	1.144	-	-	≥500.0
2480	1.168	1.152	-	-	≥500.0

Table 55 - 6 dB Bandwidth Results

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

Table 56 - 99% Bandwidth Results

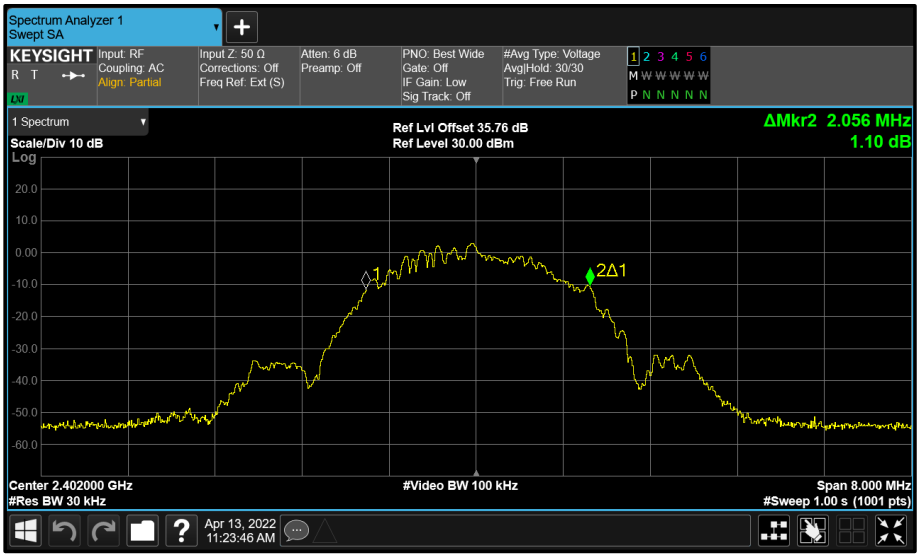

Figure 165 - Core 0 (A) 2402 MHz (CH37) 99% Bandwidth

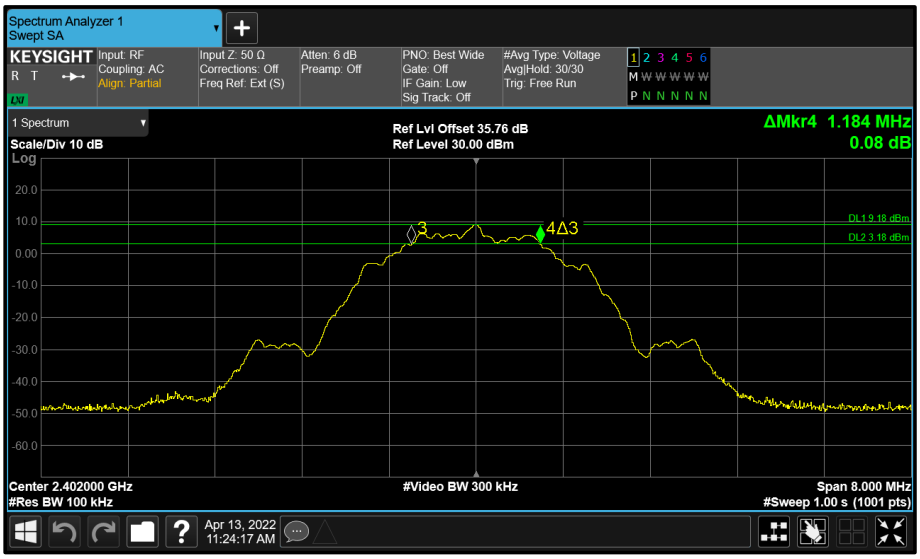

Figure 166 - Core 0 (A) 2402 MHz (CH37) 6 dB Bandwidth

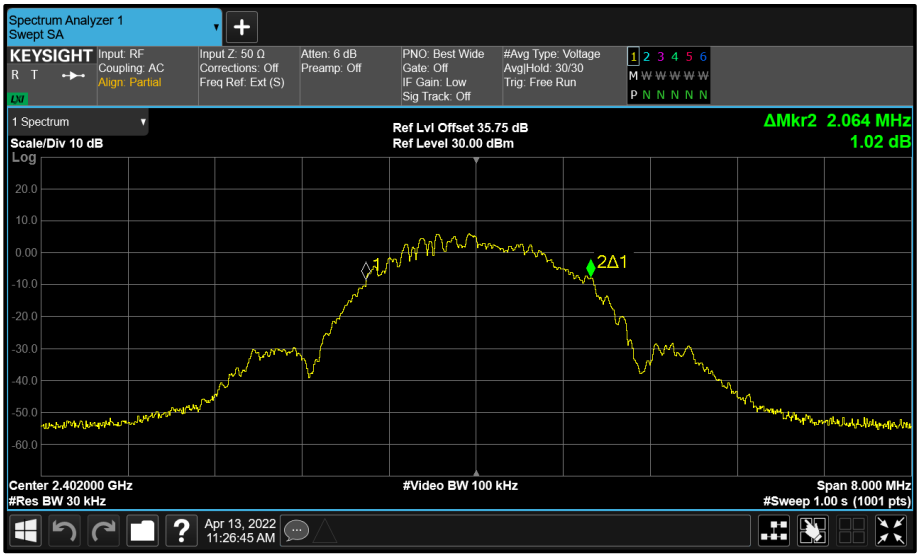

Figure 167 - Core 1 (B) 2402 MHz (CH37) 99% Bandwidth

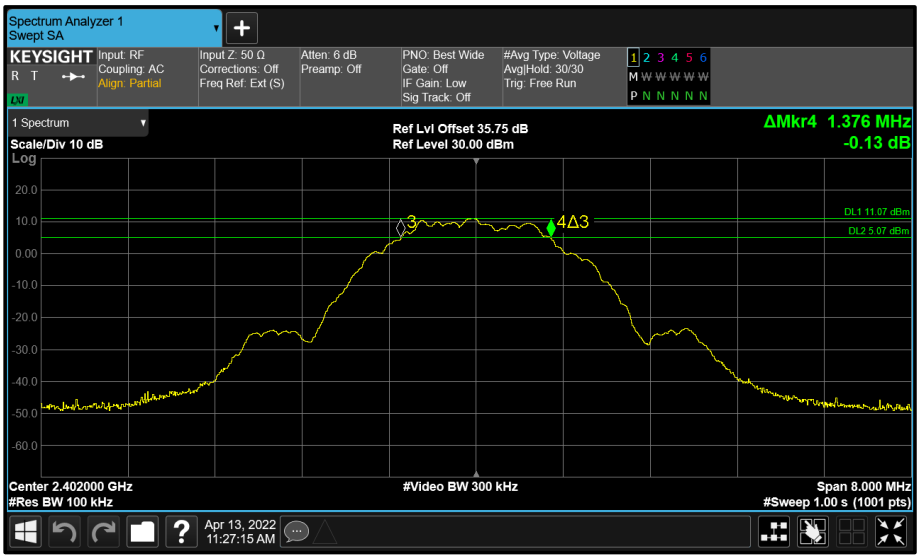

Figure 168 - Core 1 (B) 2402 MHz (CH37) 6 dB Bandwidth

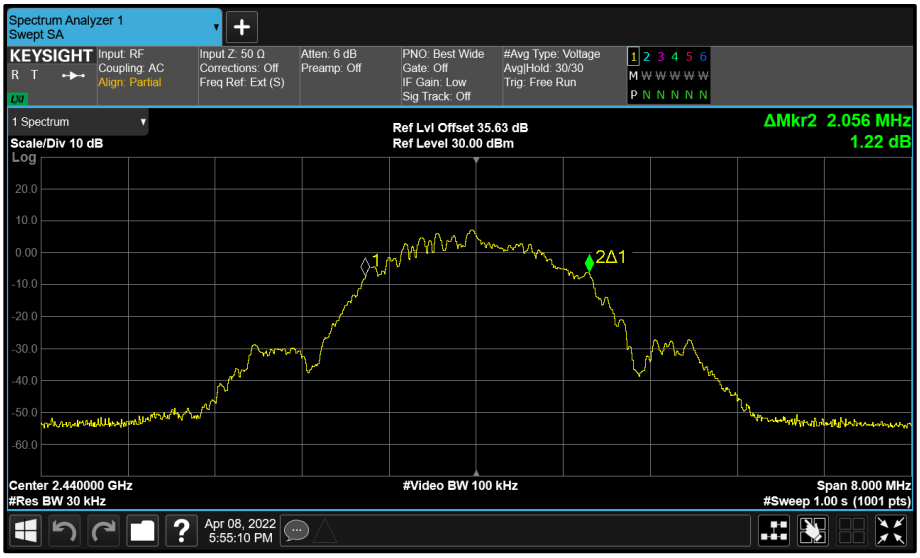

Figure 169 - Core 0 (A) 2440 MHz (CH17) 99% Bandwidth

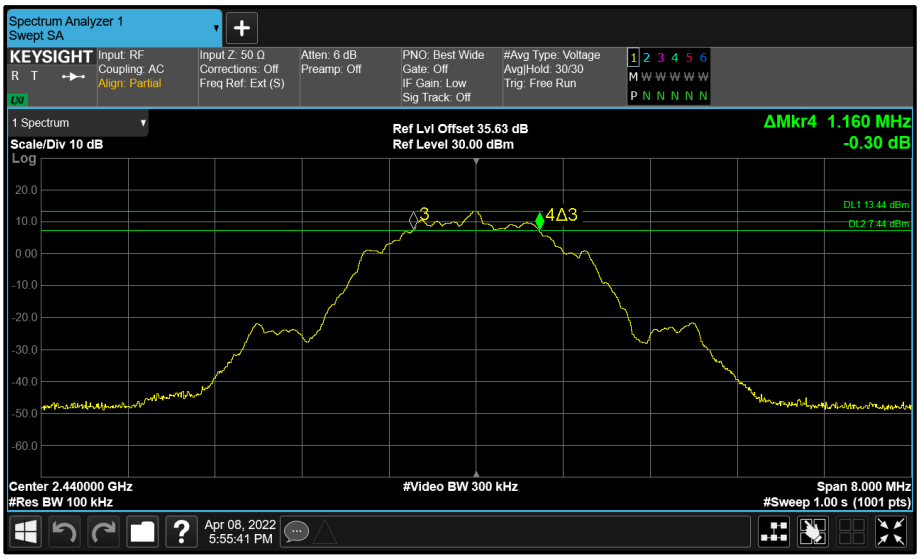

Figure 170 - Core 0 (A) 2440 MHz (CH17) 6 dB Bandwidth

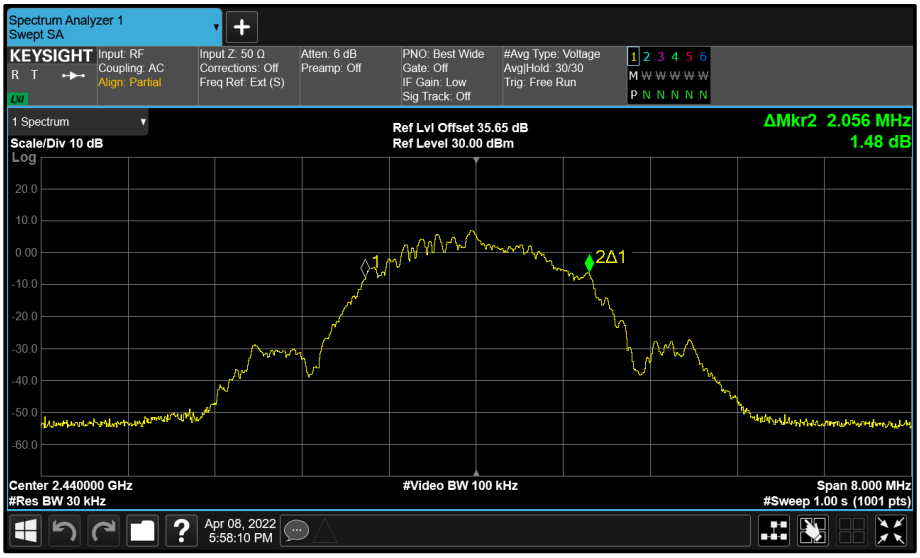

Figure 171 - Core 1 (B) 2440 MHz (CH17) 99% Bandwidth

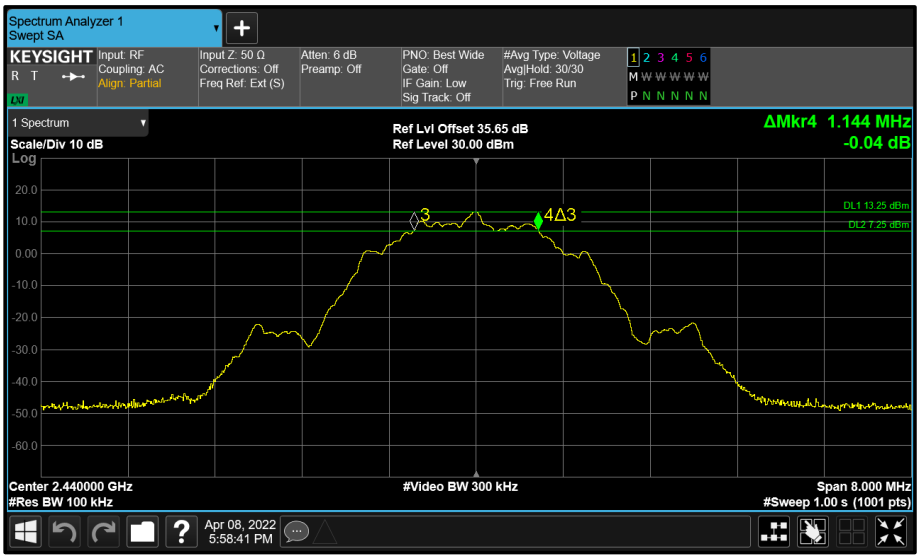

Figure 172 - Core 1 (B) 2440 MHz (CH17) 6 dB Bandwidth

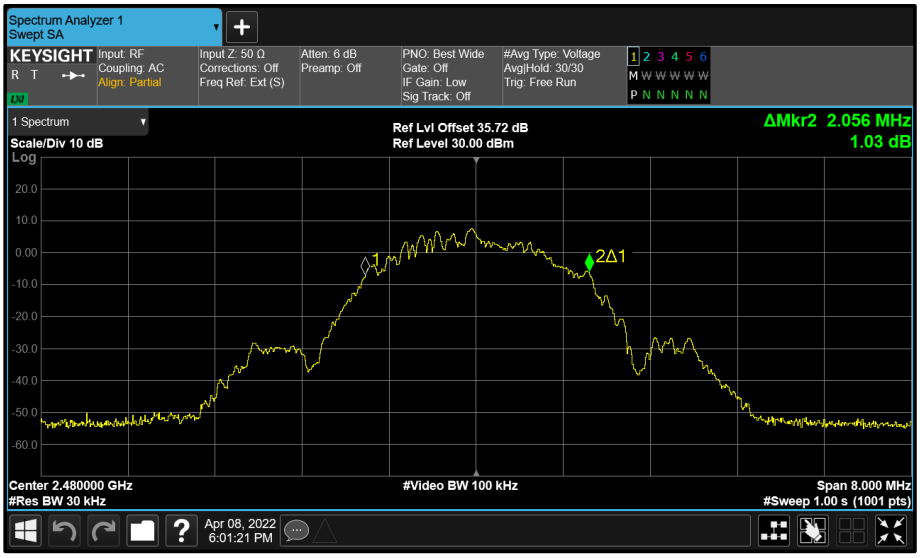

Figure 173 - Core 0 (A) 2480 MHz (CH39) 99% Bandwidth

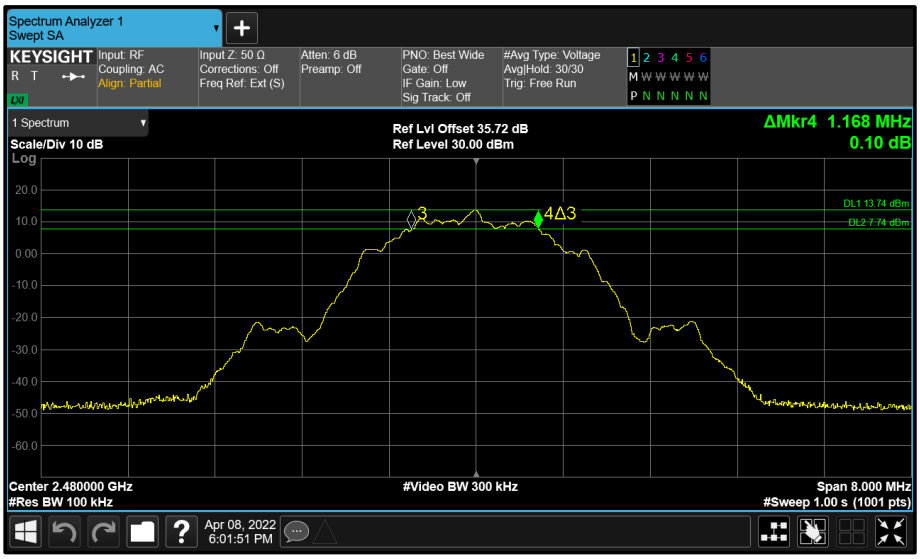

Figure 174 - Core 0 (A) 2480 MHz (CH39) 6 dB Bandwidth

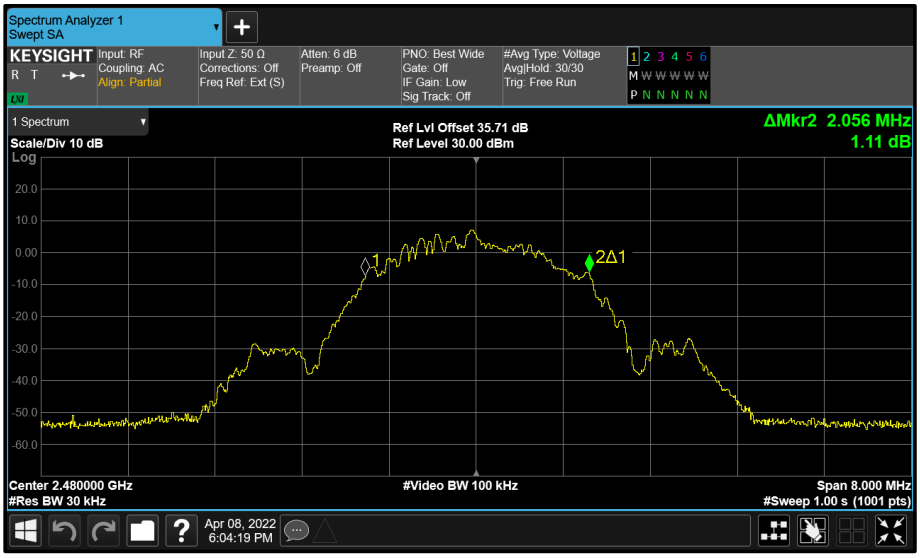

Figure 175 - Core 1 (B) 2480 MHz (CH39) 99% Bandwidth

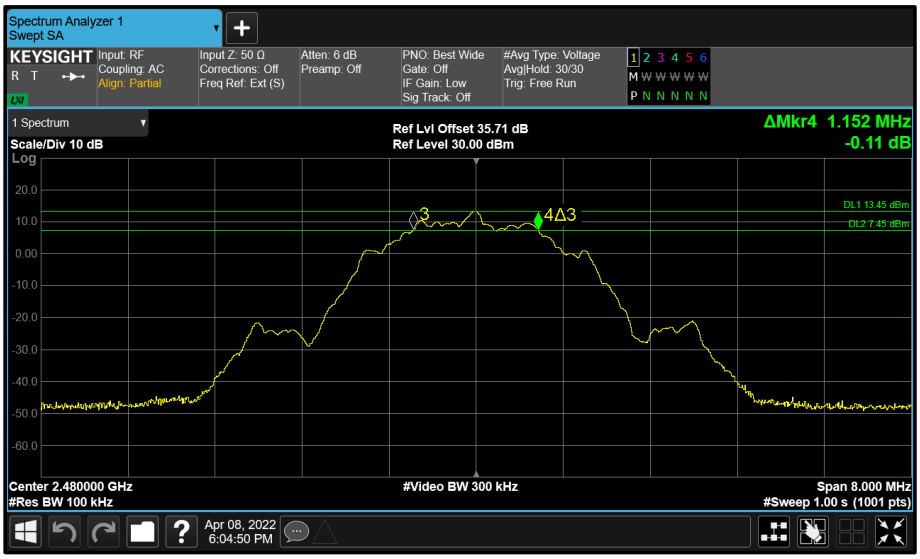

Figure 176 - Core 1 (B) 2480 MHz (CH39) 6 dB Bandwidth

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	Iso-tech	IDM101	2421	12	28-Oct-2022
Hygrometer	Rotronic	I-1000	3220	12	05-Nov-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	06-Jun-2022
Signal Commissioning Unit	TUV SUD	SCU002	5759	12	30-Jun-2022

Table 57

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

A2681, S/N: TN4J7KWW5H - Modification State 0

2.3.3 Date of Test

08-April-2022 to 13-April-2022

2.3.4 Test Method

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

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

2.3.5 Environmental Conditions

Ambient Temperature	22.9 - 24.0 °C
Relative Humidity	27.0 – 44.9 %

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):	3.77

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	17.91	-	-	-	-	30.00	-12.09
2441	17.84	-	-	-	-	30.00	-12.16
2476	18.17	-	-	-	-	30.00	-11.83

Table 58 - 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	17.91	-	-	-	-	30.00	-12.09	21.68	36.00	-14.32
2441	17.84	-	-	-	-	30.00	-12.16	21.61	36.00	-14.39
2476	18.17	-	-	-	-	30.00	-11.83	21.94	36.00	-14.06

Table 59 - 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):	3.77

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	19.11	-	-	-	-	30.00	-10.89
2441	18.71	-	-	-	-	30.00	-11.29
2476	18.89	-	-	-	-	30.00	-11.11

Table 60 - 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	19.11	-	-	-	-	30.00	-10.89	22.88	36.00	-13.12
2441	18.71	-	-	-	-	30.00	-11.29	22.48	36.00	-13.52
2476	18.89	-	-	-	-	30.00	-11.11	22.66	36.00	-13.34

Table 61 - 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):	6.62

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	17.57	17.29	-	-	20.40	30.00	-9.60
2441	17.84	17.32	-	-	20.56	30.00	-9.44
2476	17.93	17.20	-	-	20.55	30.00	-9.45

Table 62 - 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	17.57	17.29	-	-	20.40	30.00	-9.60	31.03	36.00	-4.97
2441	17.84	17.32	-	-	20.56	30.00	-9.44	31.19	36.00	-4.81
2476	17.93	17.20	-	-	20.55	30.00	-9.45	31.18	36.00	-4.82

Table 63 - 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):	6.62

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	19.15	18.63	-	-	21.87	30.00	-8.13
2441	18.70	17.95	-	-	21.30	30.00	-8.70
2476	18.91	18.31	-	-	21.60	30.00	-8.40

Table 64 - 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	19.15	18.63	-	-	21.87	30.00	-8.13	32.50	36.00	-3.50
2441	18.70	17.95	-	-	21.30	30.00	-8.70	31.93	36.00	-4.07
2476	18.91	18.31	-	-	21.60	30.00	-8.40	32.23	36.00	-3.77

Table 65 - 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):	3.77

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	17.30	-	-	-	-	30.00	-12.70
2440	13.91	-	-	-	-	30.00	-16.09
2480	14.56	-	-	-	-	30.00	-15.44

Table 66 - 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	17.30	-	-	-	-	30.00	-12.70	21.07	36.00	-14.93
2440	13.91	-	-	-	-	30.00	-16.09	17.68	36.00	-18.32
2480	14.56	-	-	-	-	30.00	-15.44	18.33	36.00	-17.67

Table 67 - 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 (%):	60.5
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	6.62

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	13.69	13.47	-	-	16.55	29.38	-12.83
2440	13.54	13.30	-	-	16.41	29.38	-12.97
2480	14.18	13.81	-	-	16.98	29.38	-12.40

Table 68 - 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	13.69	13.47	-	-	16.55	30.00	-13.45	23.17	36.00	-12.83
2440	13.54	13.30	-	-	16.41	30.00	-13.59	23.03	36.00	-12.97
2480	14.18	13.81	-	-	16.98	30.00	-13.02	23.60	36.00	-12.40

Table 69 - 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):	3.77

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	17.35	-	-	-	-	30.00	-12.65
2440	14.47	-	-	-	-	30.00	-15.53
2480	14.02	-	-	-	-	30.00	-15.98

Table 70 - 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	17.35	-	-	-	-	30.00	-12.65	21.12	36.00	-14.88
2440	14.47	-	-	-	-	30.00	-15.53	18.24	36.00	-17.76
2480	14.02	-	-	-	-	30.00	-15.98	17.79	36.00	-18.21

Table 71 - 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):	6.62

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	9.62	13.41	-	-	14.91	29.38	-14.47
2440	14.48	14.27	-	-	17.35	29.38	-12.03
2480	14.13	13.82	-	-	16.94	29.38	-12.43

Table 72 - 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	9.62	13.41	-	-	14.91	30.00	-15.09	21.53	36.00	-14.47
2440	14.48	14.27	-	-	17.35	30.00	-12.65	23.97	36.00	-12.03
2480	14.13	13.82	-	-	16.94	30.00	-13.06	23.57	36.00	-12.43

Table 73 - 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):	3.77

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	8.87	-	-	-	-	30.00	-21.13
2441	9.80	-	-	-	-	30.00	-20.20
2476	9.91	-	-	-	-	30.00	-20.09

Table 74 - 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	8.87	-	-	-	-	30.00	-21.13	12.64	36.00	-23.36
2441	9.80	-	-	-	-	30.00	-20.20	13.57	36.00	-22.43
2476	9.91	-	-	-	-	30.00	-20.09	13.68	36.00	-22.32

Table 75 - 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):	A (Core 0)	Peak Antenna Gain (dBi):	3.77

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	9.95	-	-	-	-	30.00	-20.05
2441	10.14	-	-	-	-	30.00	-19.86
2476	9.82	-	-	-	-	30.00	-20.18

Table 76 - 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	9.95	-	-	-	-	30.00	-20.05	13.72	36.00	-22.28
2441	10.14	-	-	-	-	30.00	-19.86	13.91	36.00	-22.09
2476	9.82	-	-	-	-	30.00	-20.18	13.59	36.00	-22.41

Table 77 - 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:	iPa 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):	6.62

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	8.88	8.93	-	-	11.81	30.00	-18.19
2441	9.71	9.24	-	-	12.43	30.00	-17.57
2476	10.05	9.30	-	-	12.67	30.00	-17.33

Table 78 - 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	8.88	8.93	-	-	11.81	30.00	-18.19	22.44	36.00	-13.56
2441	9.71	9.24	-	-	12.43	30.00	-17.57	23.06	36.00	-12.94
2476	10.05	9.30	-	-	12.67	30.00	-17.33	23.30	36.00	-12.70

Table 79 - 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:	iPa 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):	6.62

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2404	10.02	9.77	-	-	12.88	30.00	-17.12
2441	10.23	9.77	-	-	12.97	30.00	-17.03
2476	9.80	9.40	-	-	12.57	30.00	-17.43

Table 80 - 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	10.02	9.77	-	-	12.88	30.00	-17.12	23.51	36.00	-12.49
2441	10.23	9.77	-	-	12.97	30.00	-17.03	23.60	36.00	-12.40
2476	9.80	9.40	-	-	12.57	30.00	-17.43	23.20	36.00	-12.80

Table 81 - 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 GFSK (LE 1M)	Duty Cycle (%):	60.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.77

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	17.34	-	-	-	-	30.00	-12.66
2440	14.43	-	-	-	-	30.00	-15.57
2480	14.54	-	-	-	-	30.00	-15.46

Table 82 - 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	17.34	-	-	-	-	30.00	-12.66	21.11	36.00	-14.89
2440	14.43	-	-	-	-	30.00	-15.57	18.20	36.00	-17.80
2480	14.54	-	-	-	-	30.00	-15.46	18.31	36.00	-17.69

Table 83 - 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:	iPa GFSK (LE 1M)	Duty Cycle (%):	60.5
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	6.62

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	13.26	13.17	-	-	16.20	29.38	-13.17
2440	14.25	14.01	-	-	17.11	29.38	-12.27
2480	14.46	14.00	-	-	17.21	29.38	-12.17

Table 84 - 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	13.26	13.17	-	-	16.20	30.00	-13.80	22.83	36.00	-13.17
2440	14.25	14.01	-	-	17.11	30.00	-12.89	23.73	36.00	-12.27
2480	14.46	14.00	-	-	17.21	30.00	-12.79	23.83	36.00	-12.17

Table 85 - 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 GFSK (LE 2M)	Duty Cycle (%):	31.3
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.77

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	17.36	-	-	-	-	30.00	-12.64
2440	14.87	-	-	-	-	30.00	-15.13
2480	15.00	-	-	-	-	30.00	-15.00

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	17.36	-	-	-	-	30.00	-12.64	21.13	36.00	-14.87
2440	14.87	-	-	-	-	30.00	-15.13	18.64	36.00	-17.36
2480	15.00	-	-	-	-	30.00	-15.00	18.77	36.00	-17.23

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):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	iPa 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):	6.62

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	∑		
2402	10.00	13.65	-	-	15.20	29.38	-14.18
2440	14.44	14.25	-	-	17.32	29.38	-12.06
2480	14.57	14.29	-	-	17.39	29.38	-11.99

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	10.00	13.65	-	-	15.20	30.00	-14.80	21.82	36.00	-14.18
2440	14.44	14.25	-	-	17.32	30.00	-12.68	23.94	36.00	-12.06
2480	14.57	14.29	-	-	17.39	30.00	-12.61	24.01	36.00	-11.99

Table 89 - ISED Maximum Conducted (peak) Output Power Results

FCC 47 CFR Part 15, Limit Clause 15.247 (b)(3)

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt.

ISED RSS-247, Limit Clause 5.4 (b)

For DTSs employing digital modulation techniques operating in the bands 902-928 MHz and 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1 W. The e.i.r.p. shall not exceed 4 W, except as provided in section 5.4(e) of the specification.

2.3.7 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	Iso-tech	IDM101	2421	12	28-Oct-2022
Hygrometer	Rotronic	I-1000	3220	12	05-Nov-2022
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	30-Jun-2022
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
Signal Commissioning Unit	TUV SUD	SCU002	5759	12	30-Jun-2022
USB Power Sensor	Boonton	RTP5008	5830	12	10-May-2022
USB Power Sensor	Boonton	RTP5008	5832	12	10-May-2022

Table 90

O/P Mon – Output Monitored using calibrated equipment

2.4 Spurious Radiated Emissions

2.4.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.247 (d) and 15.209
ISED RSS-247, Clause 3.3 and 5.5
ISED RSS-GEN, Clause 6.13 and 8.9

2.4.2 Equipment Under Test and Modification State

A2681, S/N: MW4P32N6T0 - Modification State 0
A2681, S/N: DQH576VJ7N - Modification State 0

2.4.3 Date of Test

07-March-2022 to 24-March-2022

2.4.4 Test Method

This test was performed in accordance with ANSI C63.10, clause 6.3, 6.5 and 6.6.

For frequencies > 1 GHz, plots for average measurements were taken in accordance with ANSI C63.10, clause 11.12.2.5.2.

The EUT was placed on the non-conducting platform in a manner typical of a normal installation. Ports on the EUT were terminated with loads as described in ANSI C63.4 clause 6.2.4.

In the 30 MHz to 1 GHz range pre-scans were only performed on the mid channel 2440 MHz only.

The plots shown are the characterisation of the EUT. The limits on the plots represent the most stringent case for restricted bands, (74/54 dBuV/m) when compared to 20 dBc outside restricted bands. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10 dB of the limits shown on the plots, further investigation was carried out and reported in results tables.

The following conversion can be applied to convert from dBµV/m to µV/m:
10^(Field Strength in dBµV/m/20).

To determine the emission characteristic of the EUT above 18 GHz, the test antenna was swept over all faces of the EUT whilst observing a spectral display. The frequency of any emissions of interest was noted for formal measurement at the correct measurement distance of 1m. This procedure was repeated for all relevant transmit operating channels.

For measurements at 1m, the limit line was increased by 20*LOG(3/1) = 9.54 dB.

Where formal measurements have been necessary, the results have been presented in the emissions table.

2.4.5 Example Test Setup Diagram

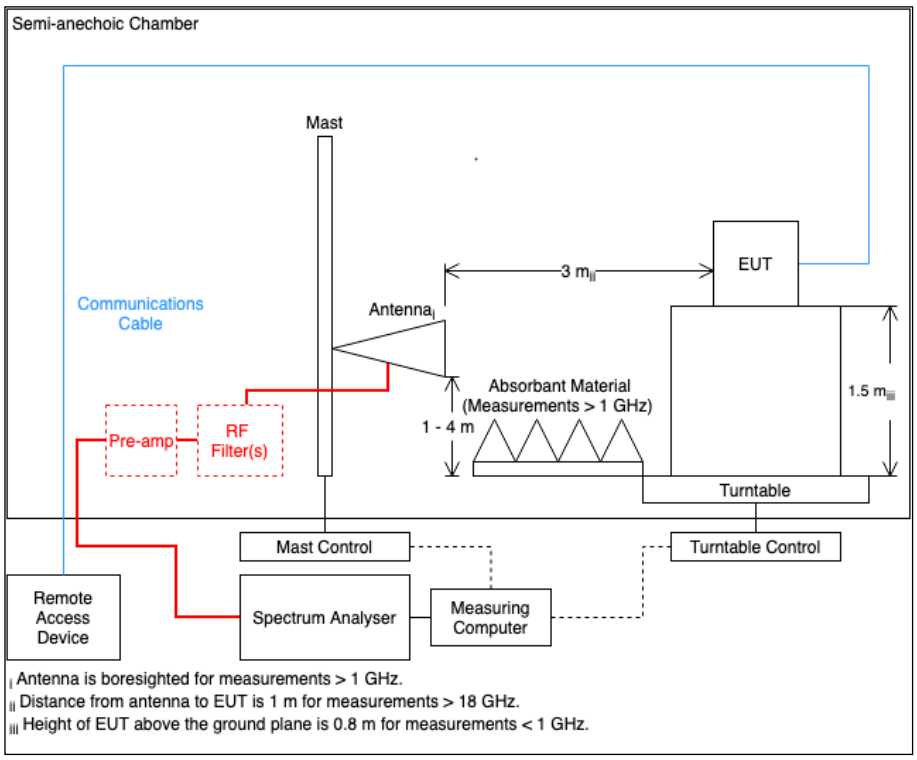

Figure 177

2.4.6 Environmental Conditions

Ambient Temperature	20.1 - 24.8 °C
Relative Humidity	21.8 - 39.7 %

2.4.7 Test Results

2.4 GHz Bluetooth - DTS

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 91 - 2402 MHz (CH37), LE1M, ePA, Core 0 + Core 1, 1 GHz to 26 GHz

*No emissions found within 6 dB of the limit.

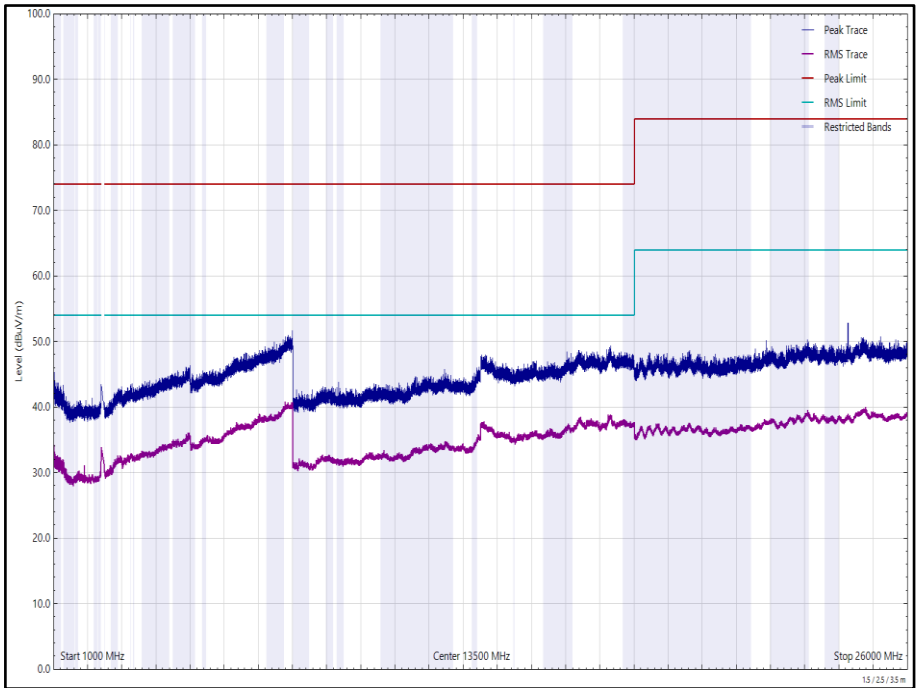

Figure 178 - 2402 MHz (CH37), LE1M, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

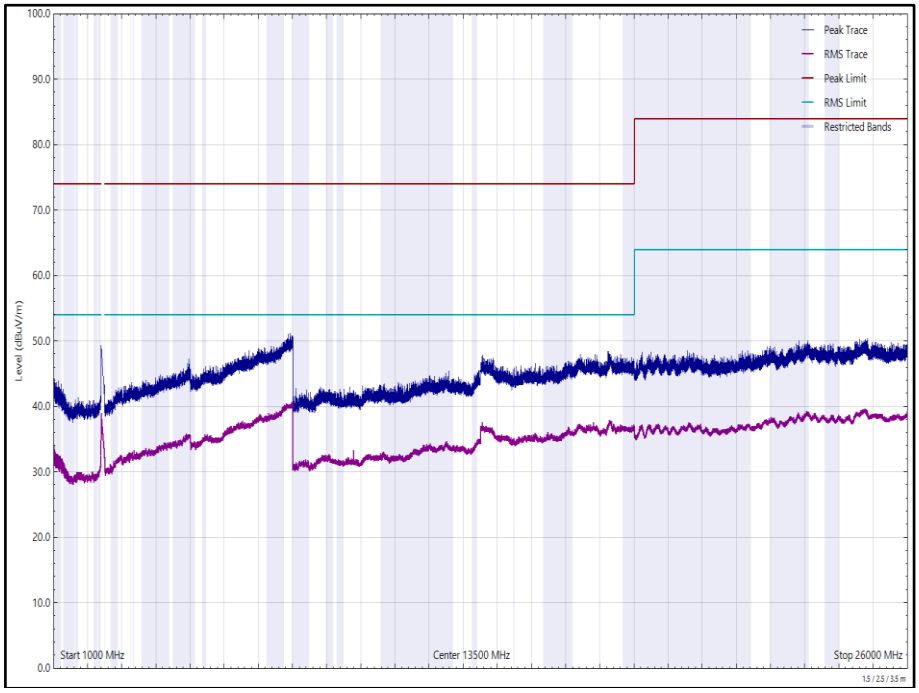

Figure 179 - 2402 MHz (CH37), LE1M, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.801	28.5	40.0	-11.5	Q-Peak	307	256	Horizontal
111.061	33.6	43.5	-9.9	Q-Peak	95	108	Vertical
117.047	34.1	43.5	-9.4	Q-Peak	337	250	Horizontal
164.592	28.9	43.5	-14.6	Q-Peak	262	100	Vertical

Table 92 - 2440 MHz (CH17), LE1M, ePA, Core 0 + Core 1, 30 MHz to 26 GHz

No other emissions found within 6 dB of the limit.

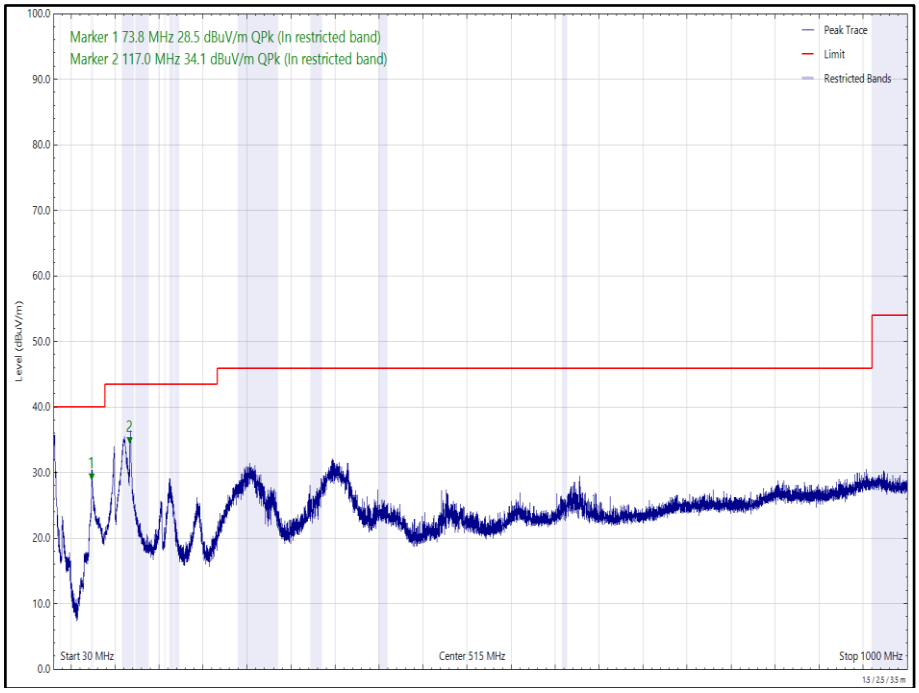

Figure 180 - 2440 MHz (CH17), LE1M, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

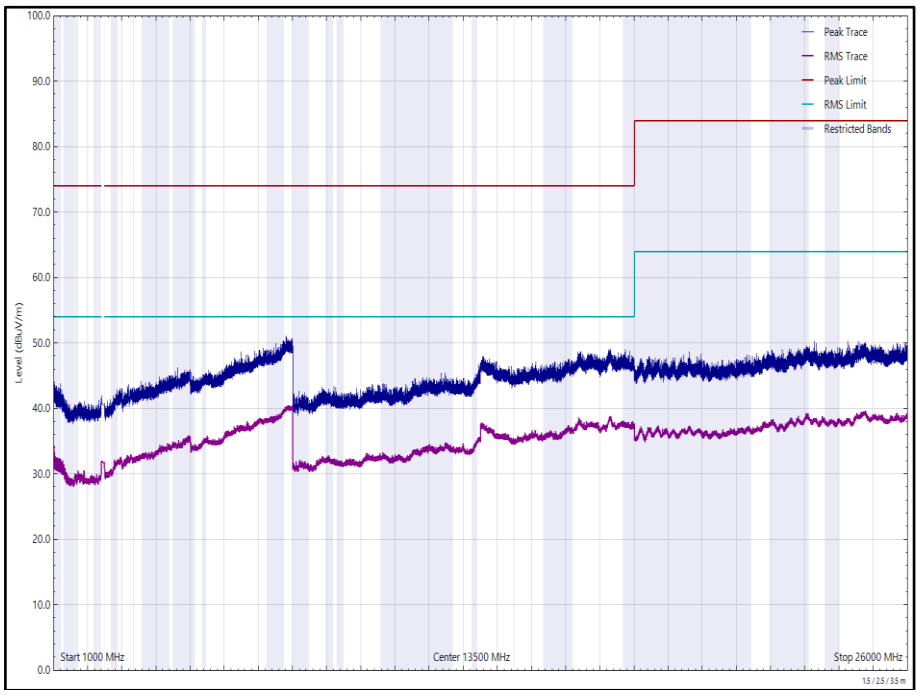

Figure 181 - 2440 MHz (CH17), LE1M, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

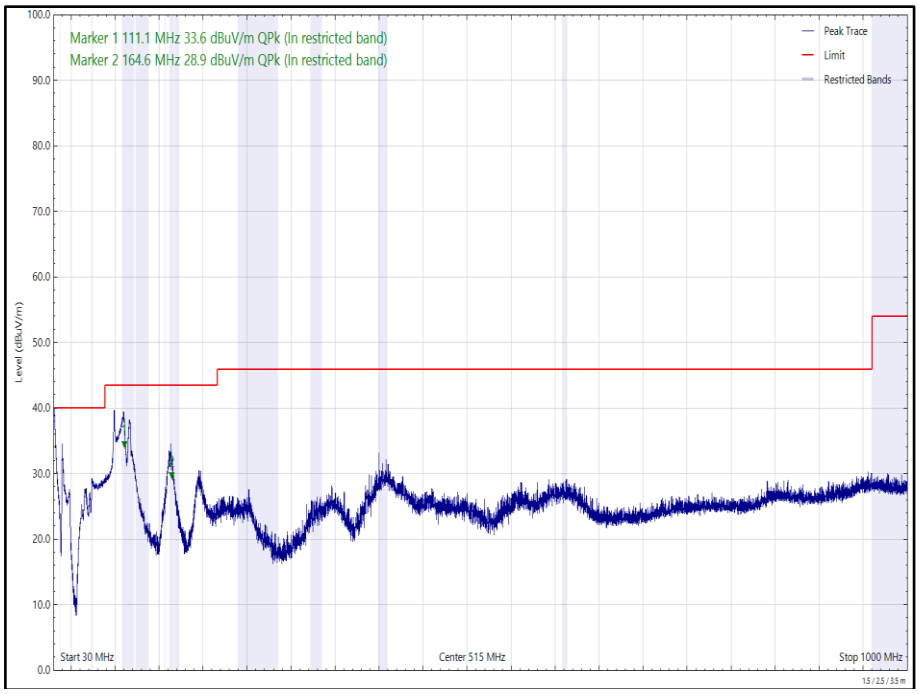

Figure 182 - 2440 MHz (CH17), LE1M, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

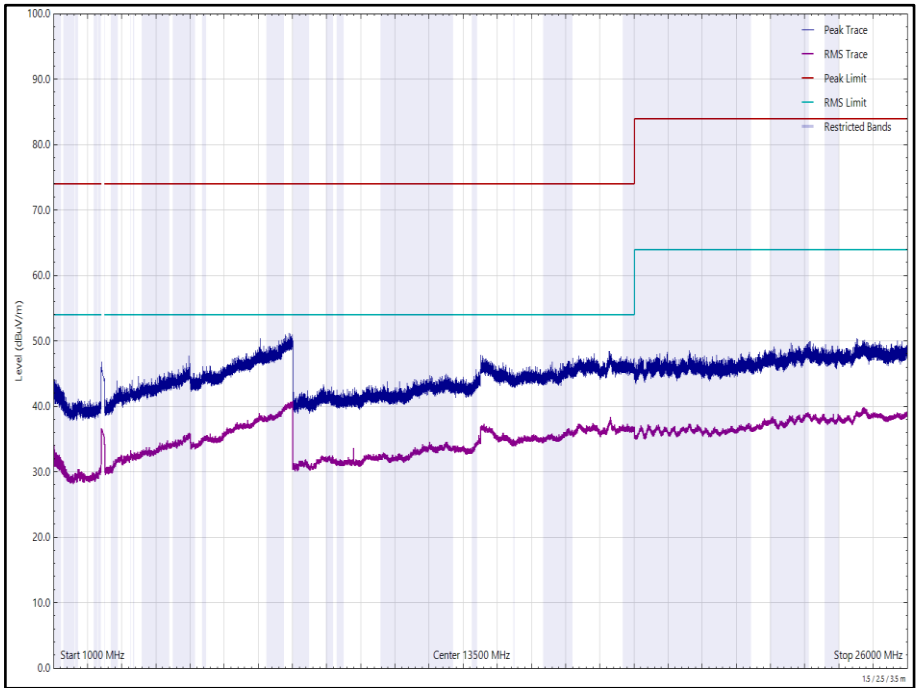

Figure 183 - 2440 MHz (CH17), LE1M, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 93 - 2480 MHz (CH39), LE1M, ePA, Core 0 + Core 1, 1 GHz to 26 GHz

*No emissions found within 6 dB of the limit.

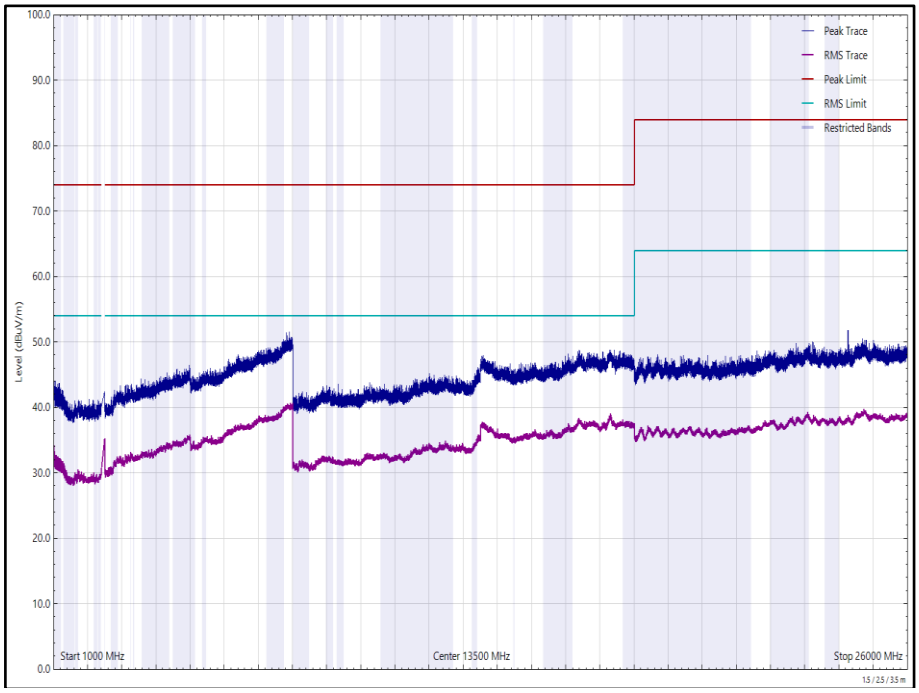

Figure 184 - 2480 MHz (CH39), LE1M, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

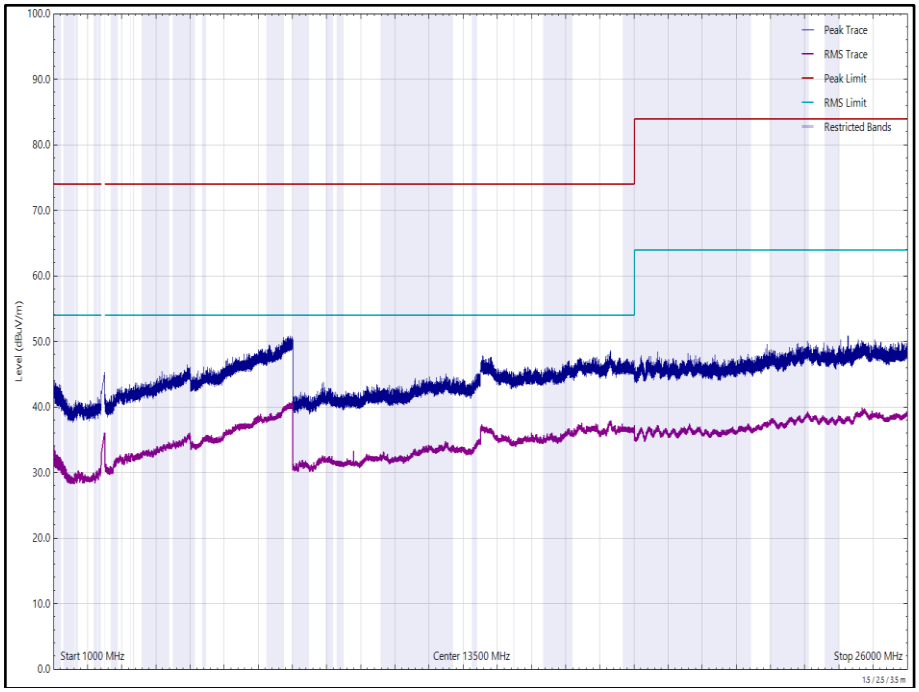

Figure 185 - 2480 MHz (CH39), LE1M, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 94 - 2402 MHz (CH37), LE1M, iPA, Core 0 + Core 1, 1 GHz to 26 GHz

*No emissions found within 6 dB of the limit.

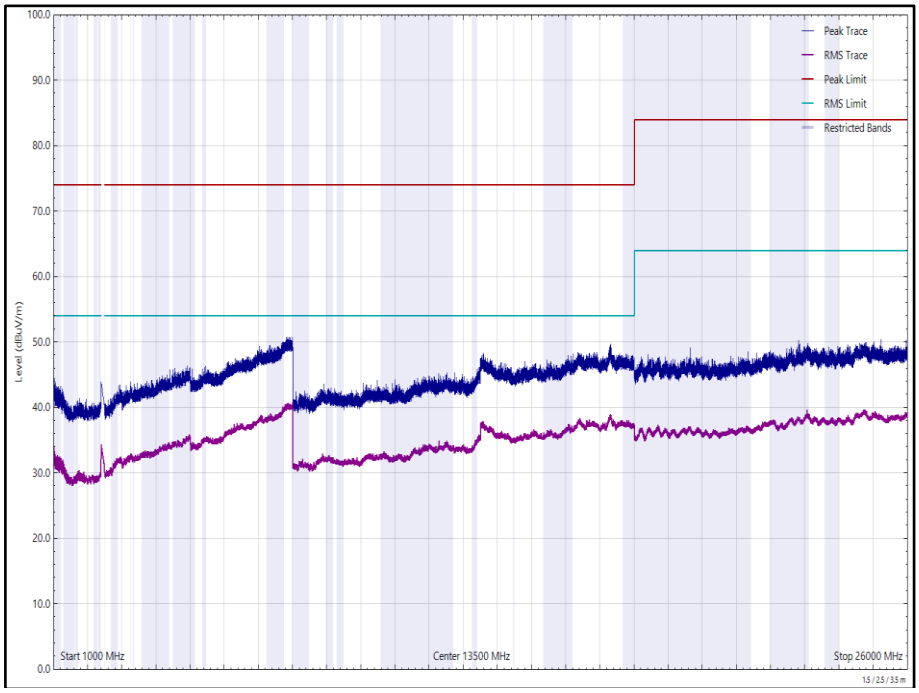

Figure 186 - 2402 MHz (CH37), LE1M, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

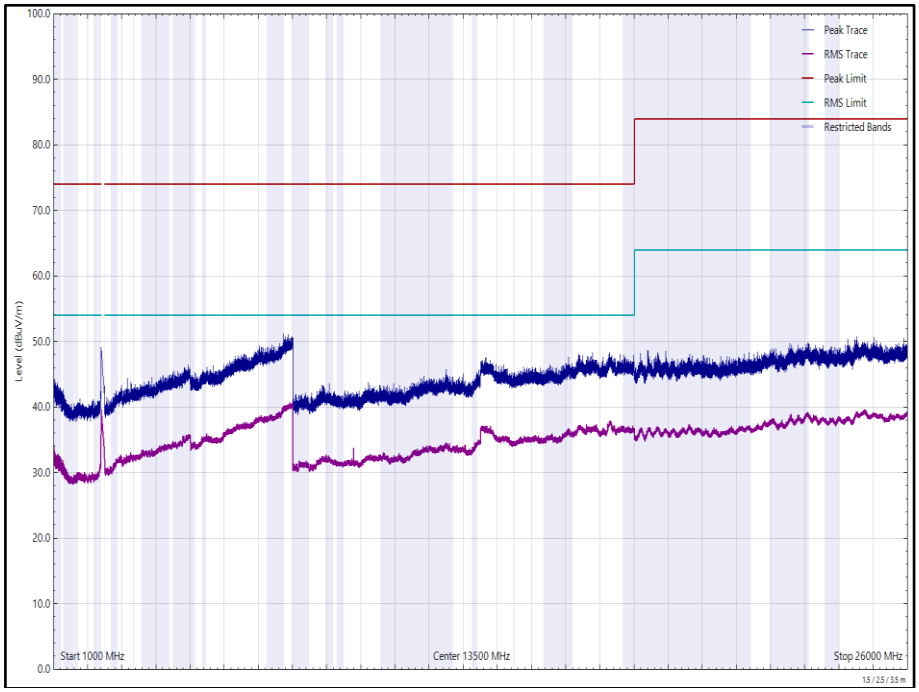

Figure 187 - 2402 MHz (CH37), LE1M, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBuv/m)	Limit (dBuv/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.797	28.1	40.0	-11.9	Q-Peak	0	228	Horizontal
73.804	27.5	40.0	-12.5	Q-Peak	0	122	Vertical
116.523	36.5	43.5	-7.0	Q-Peak	4	100	Vertical
117.083	33.8	43.5	-9.7	Q-Peak	332	250	Horizontal
164.595	28.8	43.5	-14.7	Q-Peak	264	100	Vertical

Table 95 - 2440 MHz (CH17), LE1M, iPA, Core 0 + Core 1, 30 MHz to 26 GHz

No other emissions found within 6 dB of the limit.

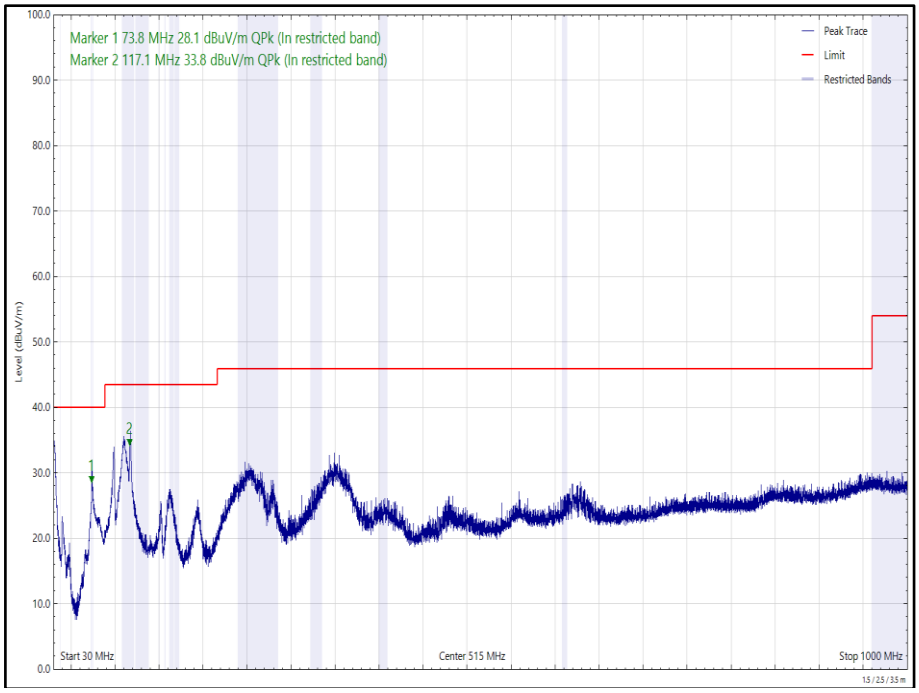

Figure 188 - 2440 MHz (CH17), LE1M, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

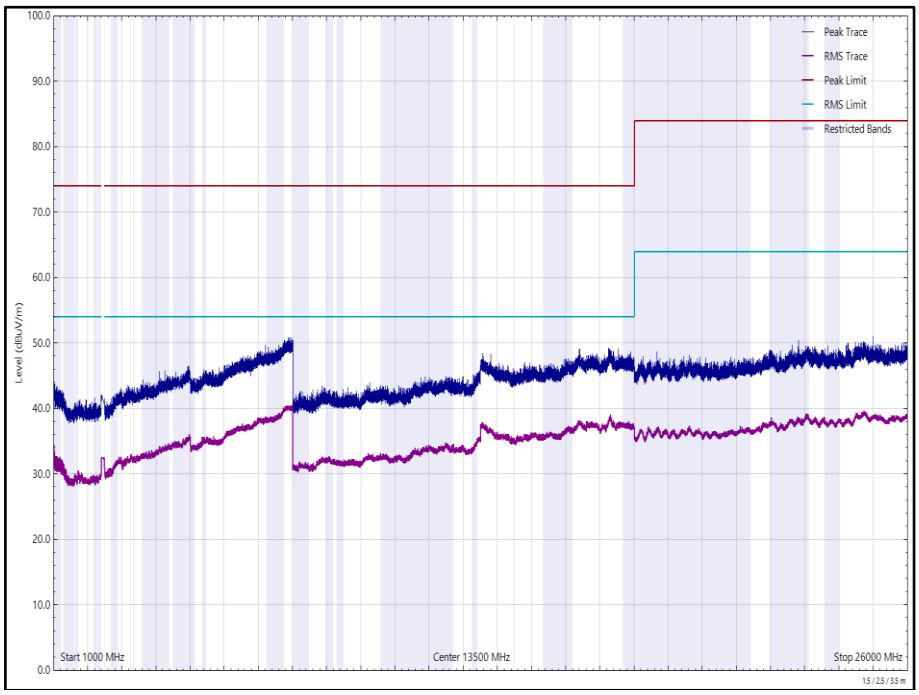

Figure 189 - 2440 MHz (CH17), LE1M, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

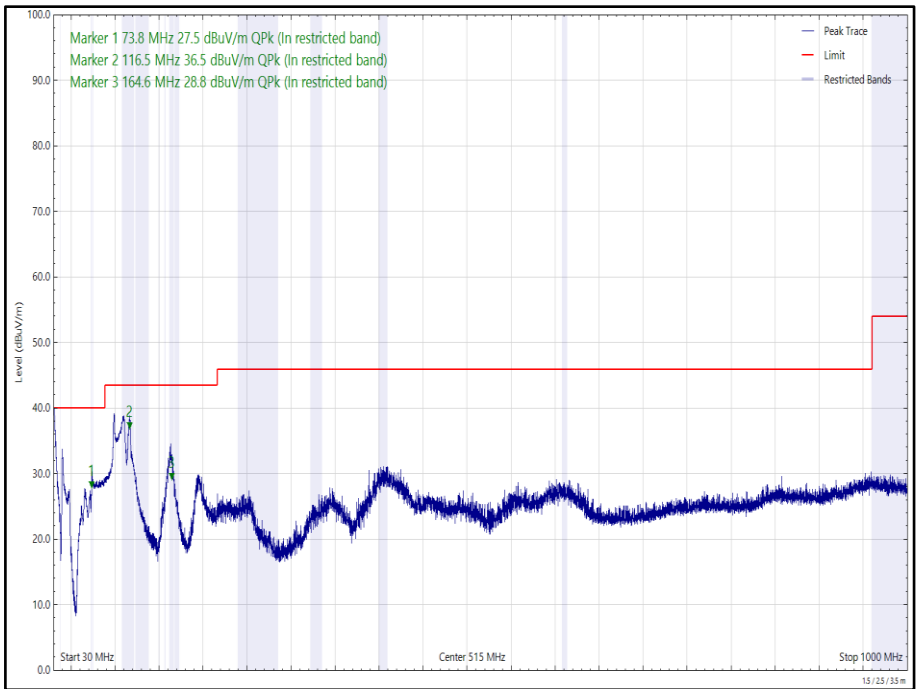

Figure 190 - 2440 MHz (CH17), LE1M, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

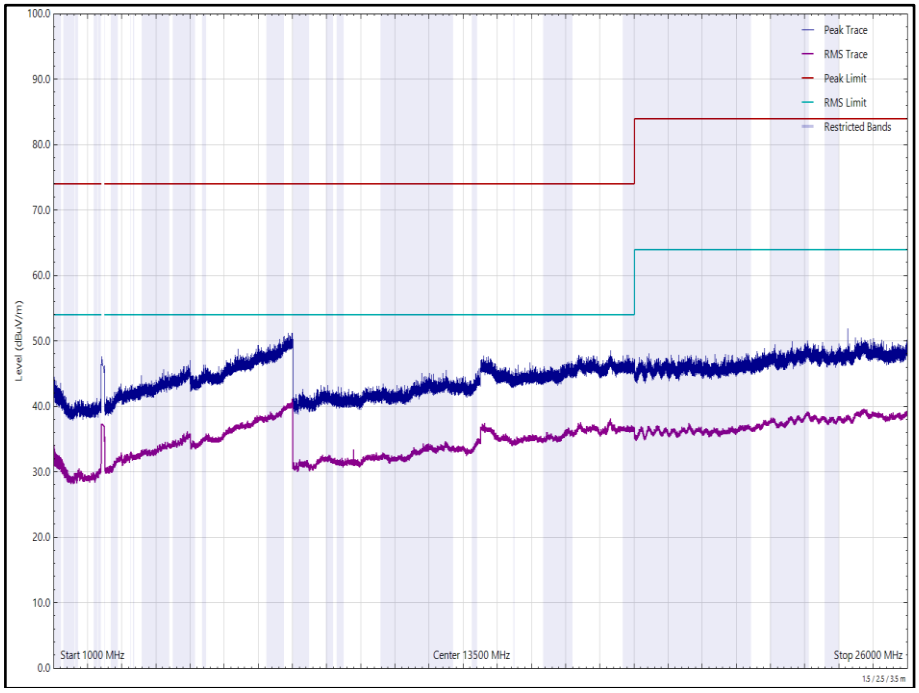

Figure 191 - 2440 MHz (CH17), LE1M, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical