



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ 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	
5733	1.904	-	-	-	≥ 500.0
5789	1.896	-	-	-	≥ 500.0
5844	1.912	-	-	-	≥ 500.0

Table 61 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5733	2.384	-	-	-	-
5789	2.392	-	-	-	-
5844	2.376	-	-	-	-

Table 62 - 99% Bandwidth Results

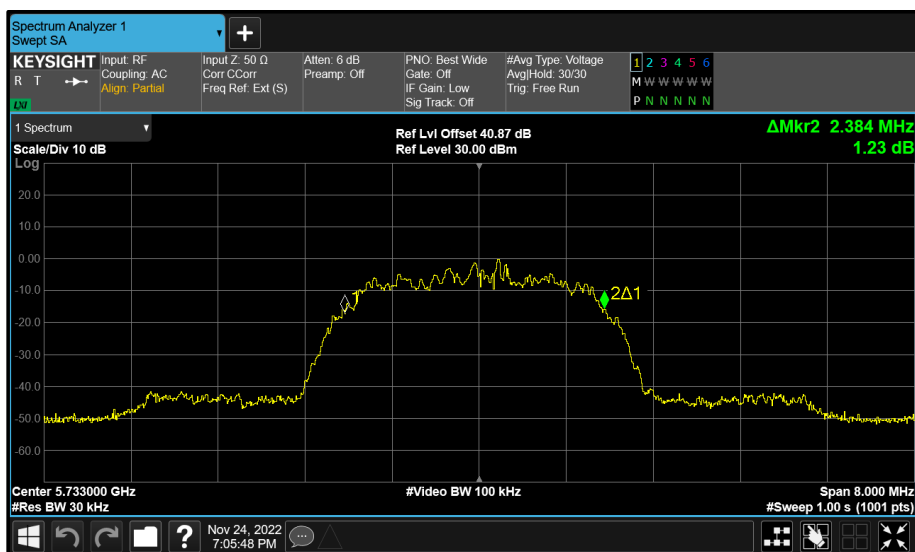


Figure 153 - Core 0 (A) 5733 MHz (CH8) 99% Bandwidth

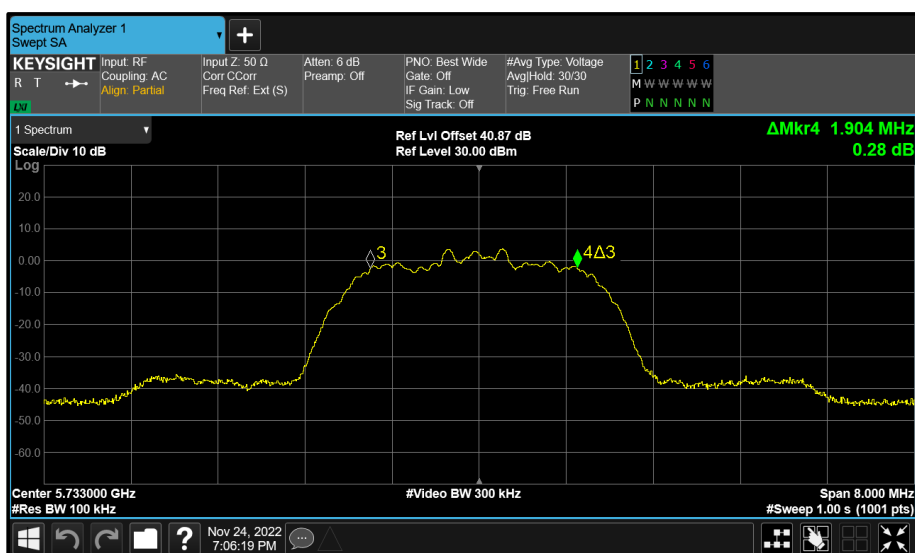


Figure 154 - Core 0 (A) 5733 MHz (CH8) 6 dB Bandwidth

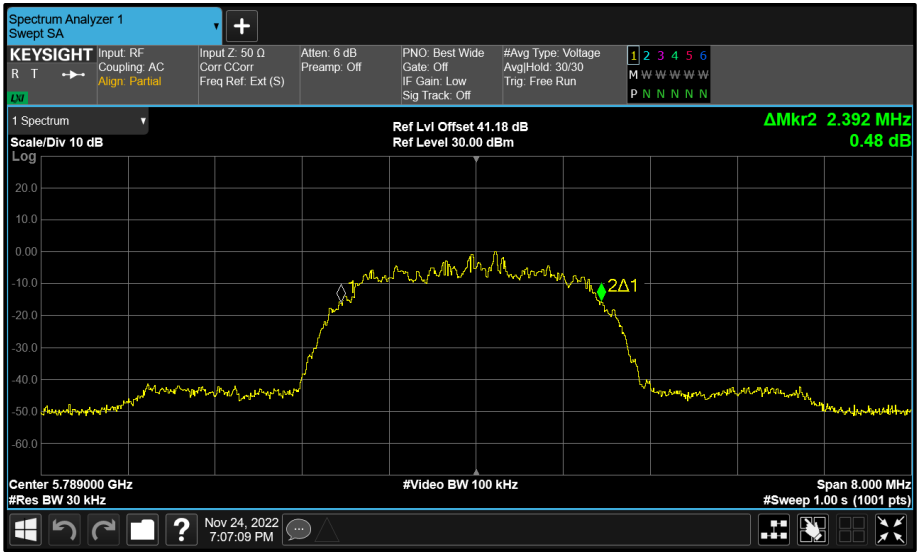


Figure 155 - Core 0 (A) 5789 MHz (CH64) 99% Bandwidth

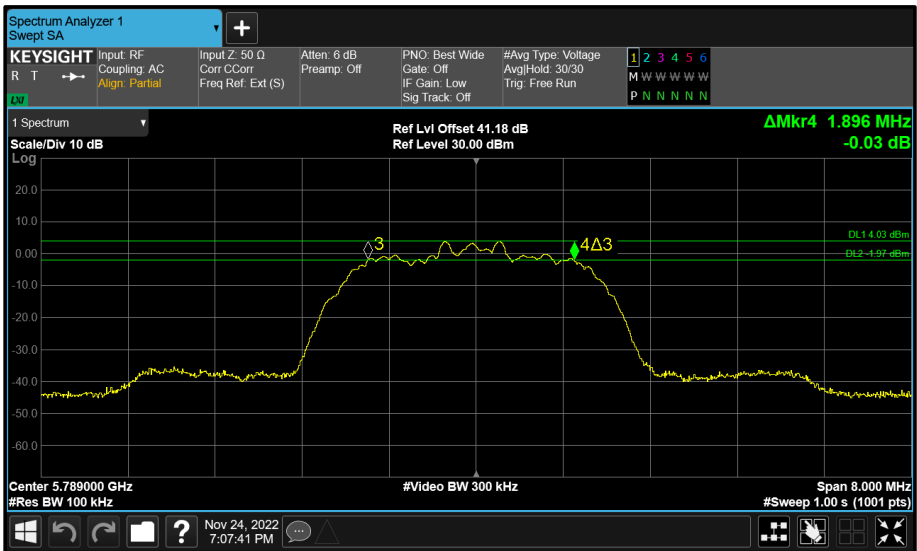


Figure 156 - Core 0 (A) 5789 MHz (CH64) 6 dB Bandwidth

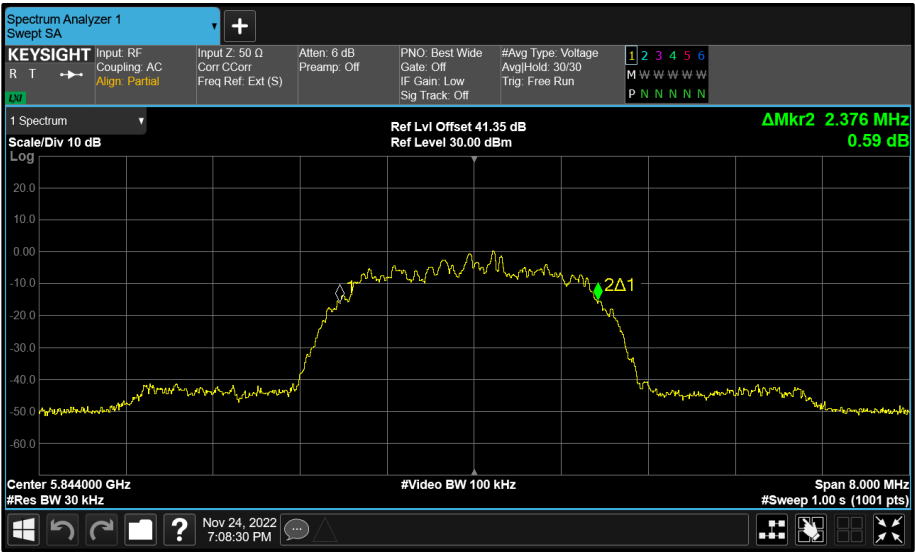


Figure 157 - Core 0 (A) 5844 MHz (CH119) 99% Bandwidth

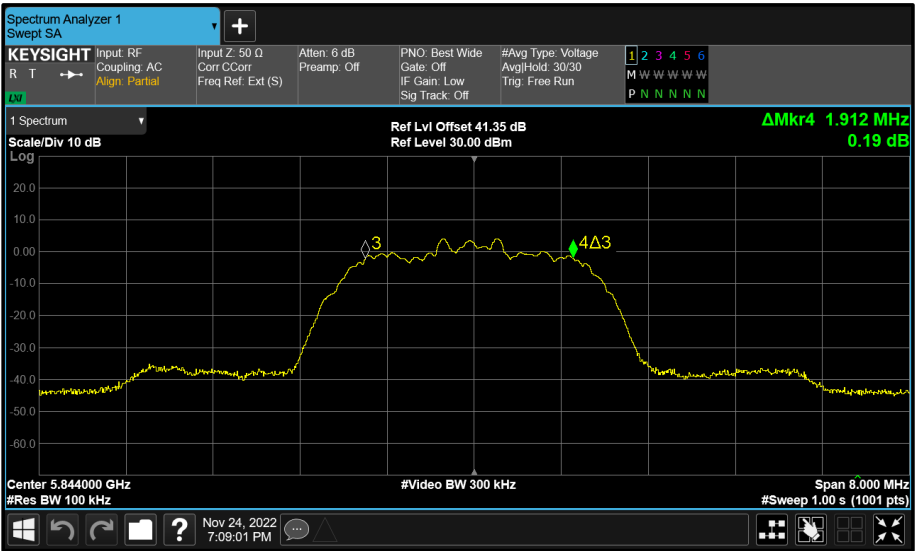


Figure 158 - Core 0 (A) 5844 MHz (CH119) 6 dB Bandwidth



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ 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	
5733	1.020	-	-	-	≥ 500.0
5789	0.960	-	-	-	≥ 500.0
5844	1.020	-	-	-	≥ 500.0

Table 63 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5733	4.665	-	-	-	-
5789	4.680	-	-	-	-
5844	4.680	-	-	-	-

Table 64 - 99% Bandwidth Results

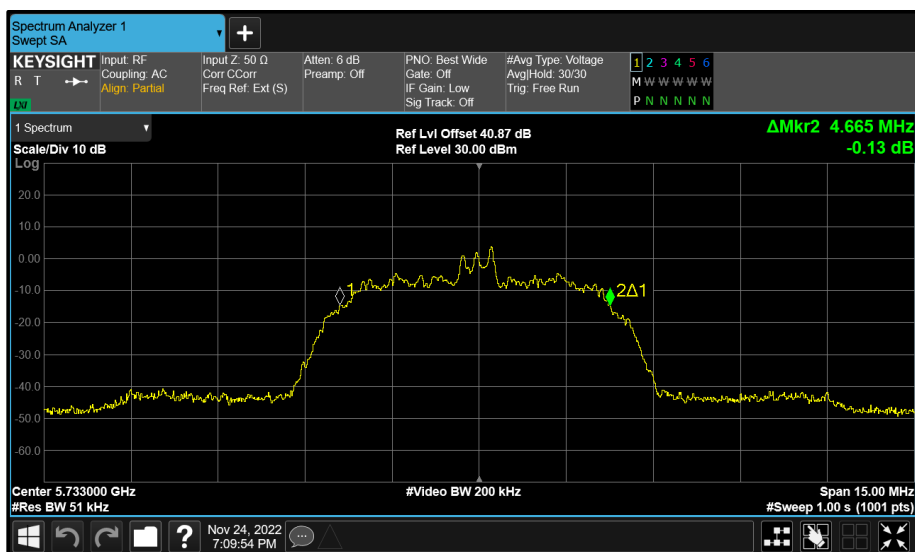


Figure 159 - Core 0 (A) 5733 MHz (CH8) 99% Bandwidth

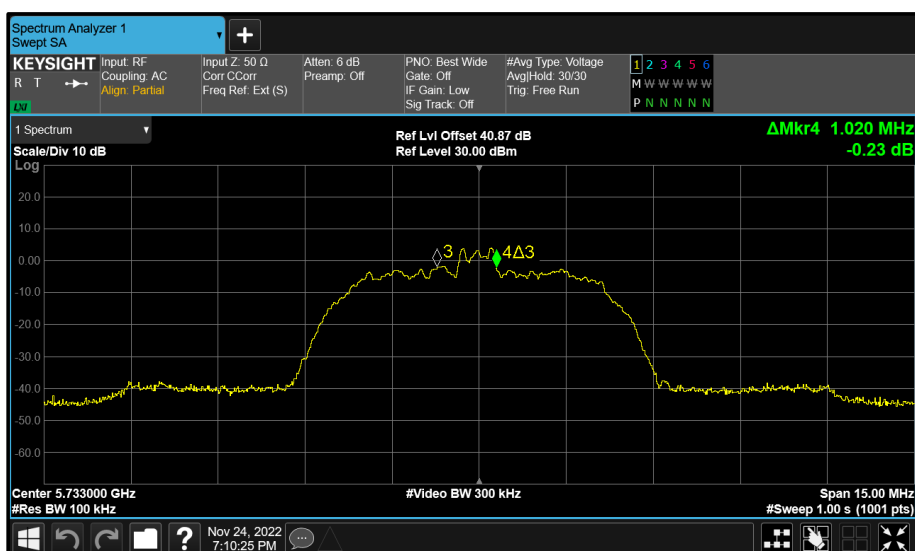


Figure 160 - Core 0 (A) 5733 MHz (CH8) 6 dB Bandwidth

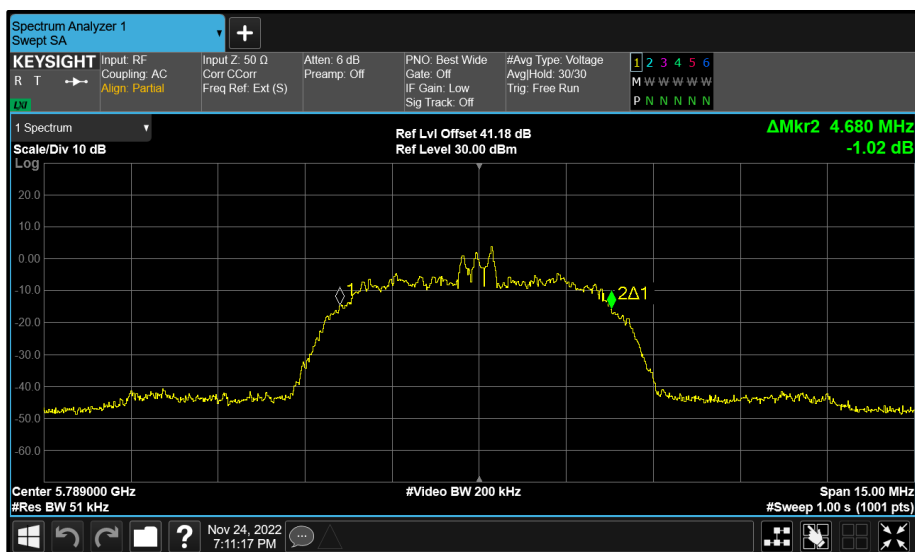


Figure 161 - Core 0 (A) 5789 MHz (CH64) 99% Bandwidth

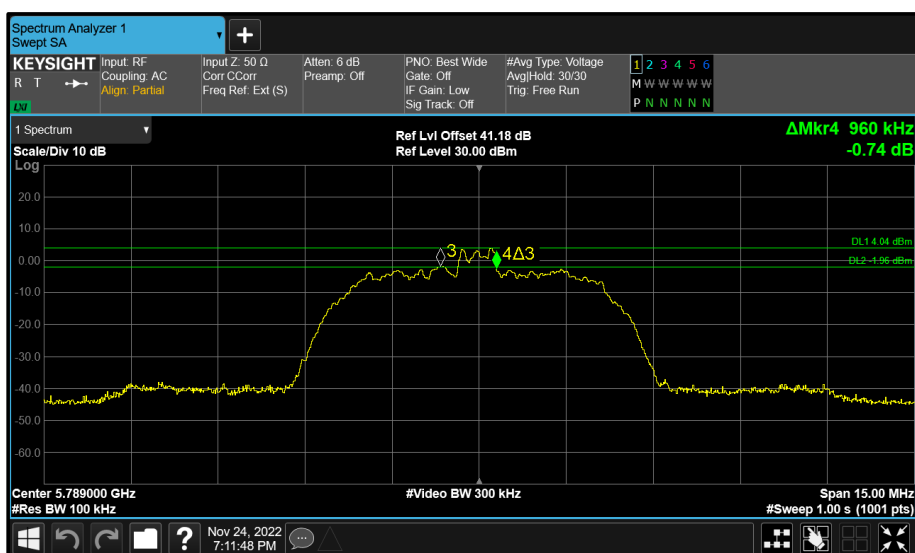


Figure 162 - Core 0 (A) 5789 MHz (CH64) 6 dB Bandwidth

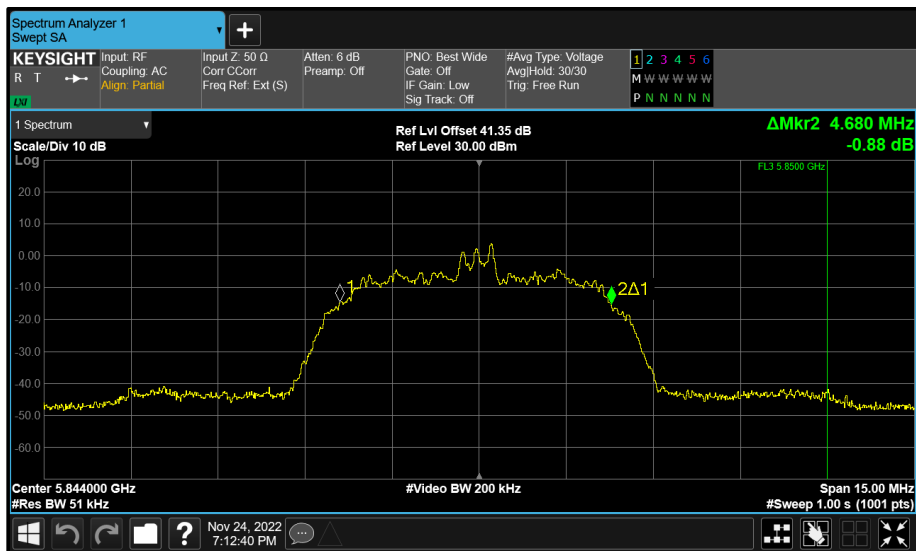


Figure 163 - Core 0 (A) 5844 MHz (CH119) 99% Bandwidth

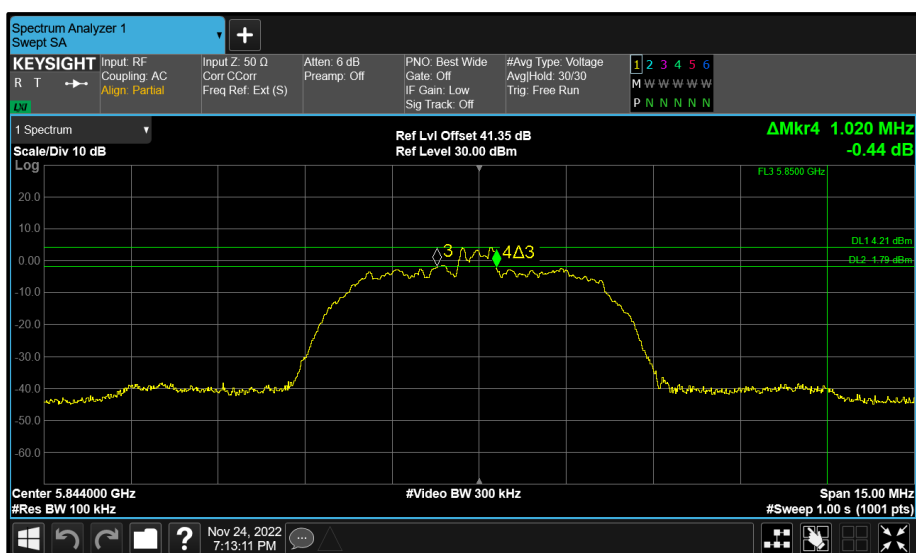


Figure 164 - Core 0 (A) 5844 MHz (CH119) 6 dB Bandwidth



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (4-DH5)	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	
5733	-	1.904	-	-	≥ 500.0
5789	-	1.904	-	-	≥ 500.0
5844	-	1.896	-	-	≥ 500.0

Table 65 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5733	-	2.384	-	-	-
5789	-	2.384	-	-	-
5844	-	2.384	-	-	-

Table 66 - 99% Bandwidth Results

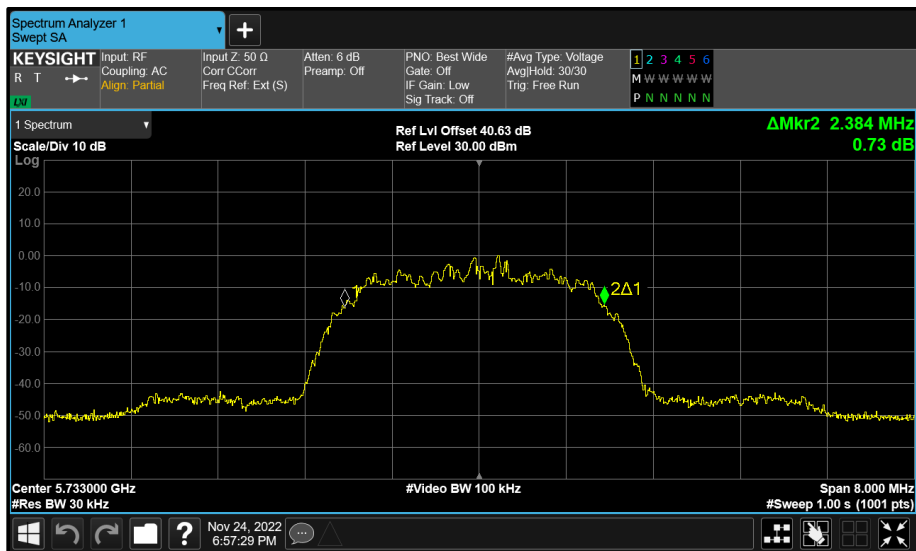


Figure 165 - Core 1 (B) 5733 MHz (CH8) 99% Bandwidth

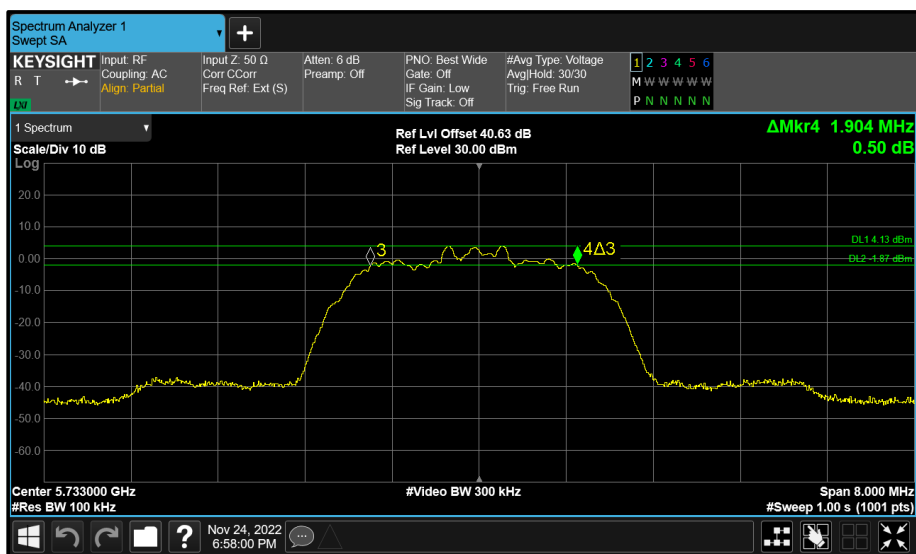


Figure 166 - Core 1 (B) 5733 MHz (CH8) 6 dB Bandwidth

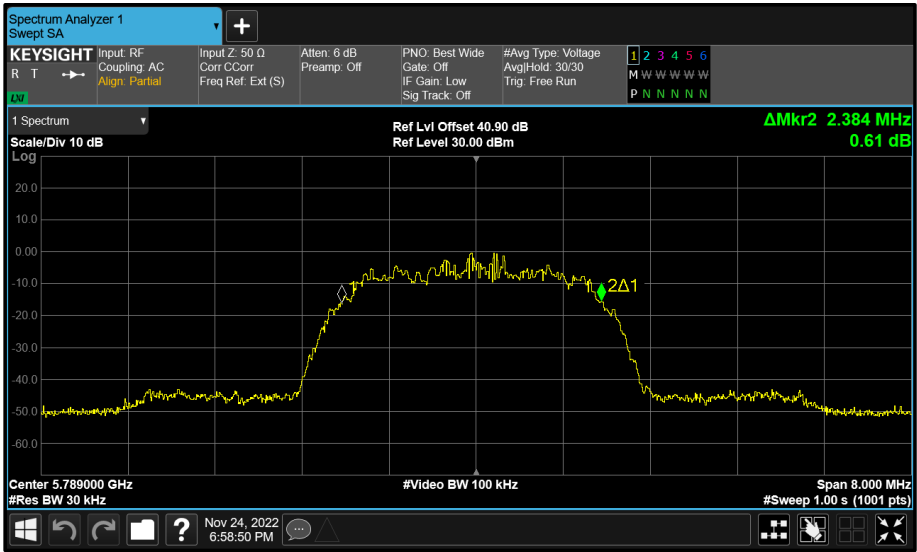


Figure 167 - Core 1 (B) 5789 MHz (CH64) 99% Bandwidth

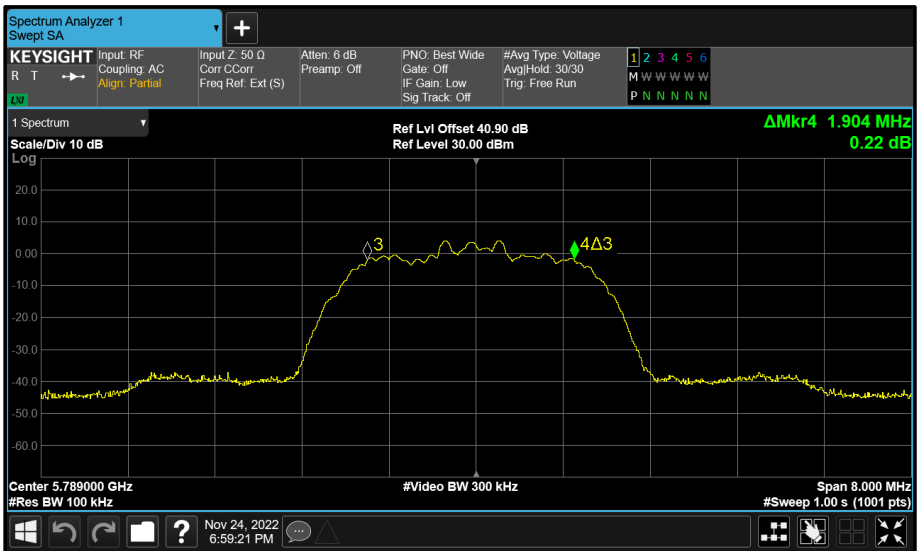


Figure 168 - Core 1 (B) 5789 MHz (CH64) 6 dB Bandwidth

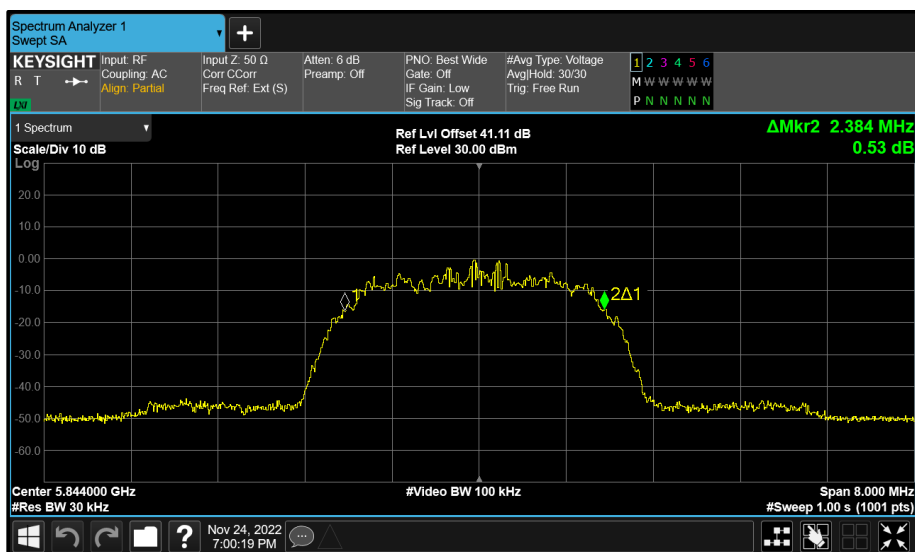


Figure 169 - Core 1 (B) 5844 MHz (CH119) 99% Bandwidth

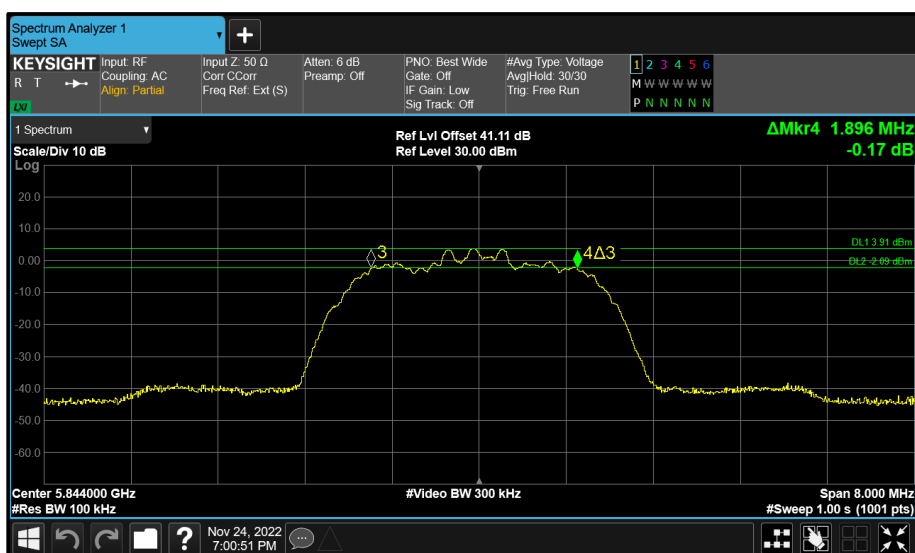


Figure 170 - Core 1 (B) 5844 MHz (CH119) 6 dB Bandwidth



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	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	
5733	-	0.990	-	-	≥ 500.0
5789	-	0.945	-	-	≥ 500.0
5844	-	0.675	-	-	≥ 500.0

Table 67 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5733	-	4.650	-	-	-
5789	-	4.650	-	-	-
5844	-	4.650	-	-	-

Table 68 - 99% Bandwidth Results

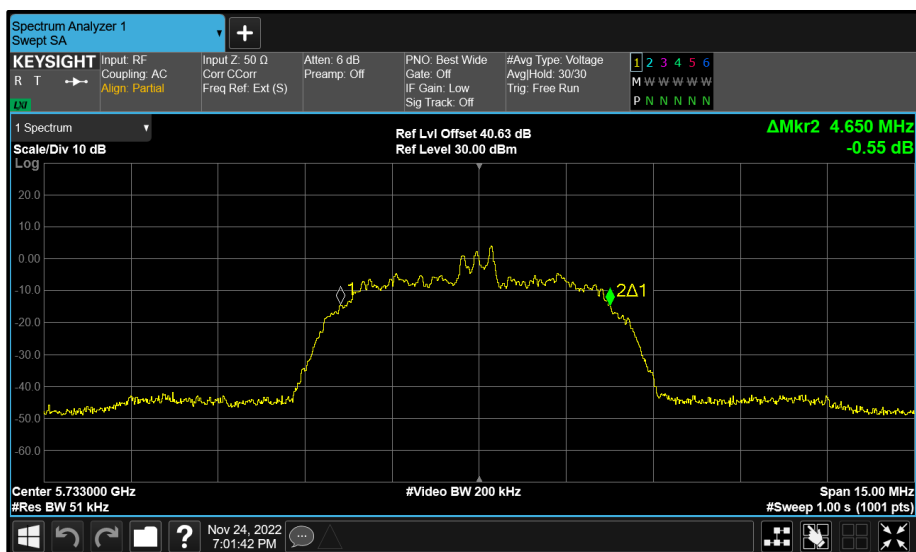


Figure 171 - Core 1 (B) 5733 MHz (CH8) 99% Bandwidth

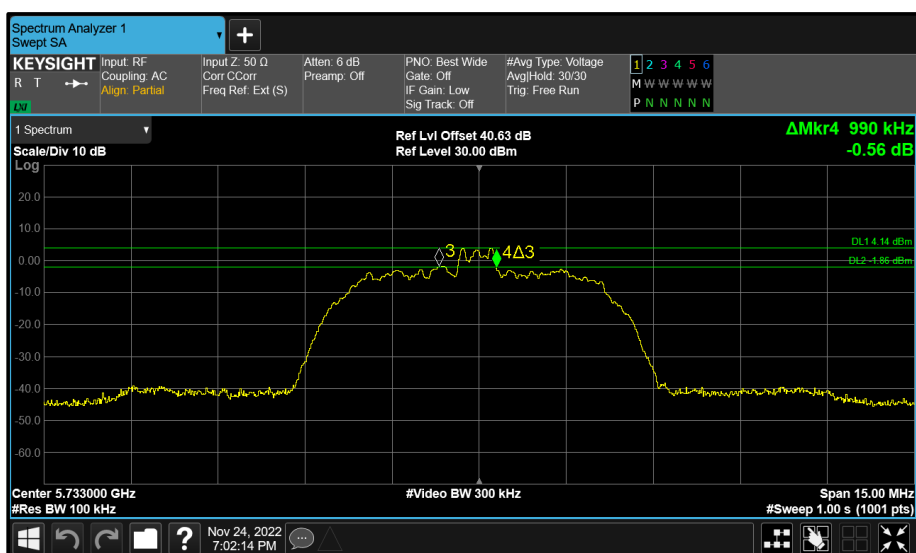


Figure 172 - Core 1 (B) 5733 MHz (CH8) 6 dB Bandwidth

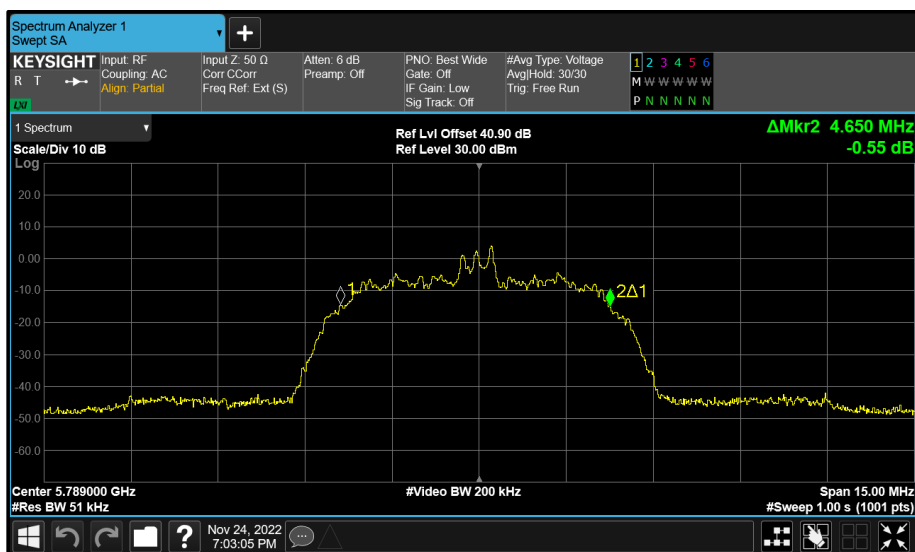


Figure 173 - Core 1 (B) 5789 MHz (CH64) 99% Bandwidth

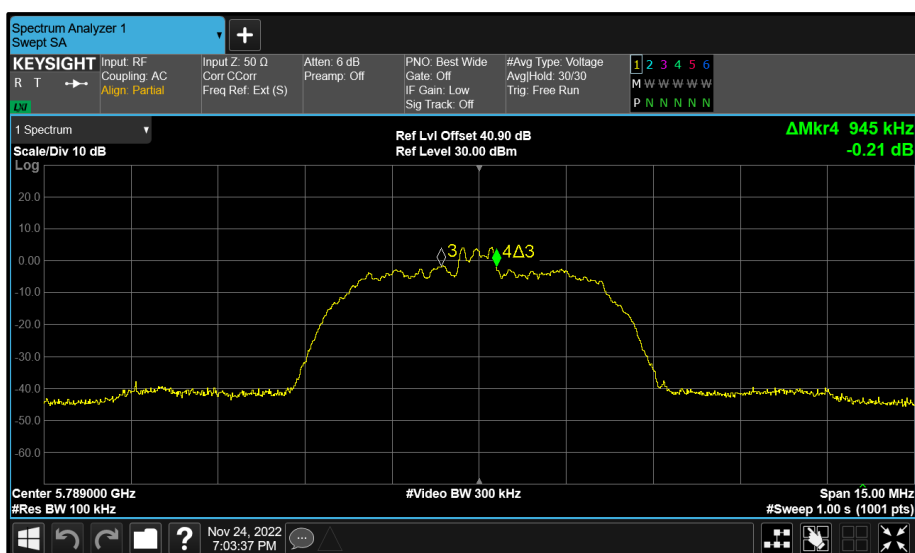


Figure 174 - Core 1 (B) 5789 MHz (CH64) 6 dB Bandwidth

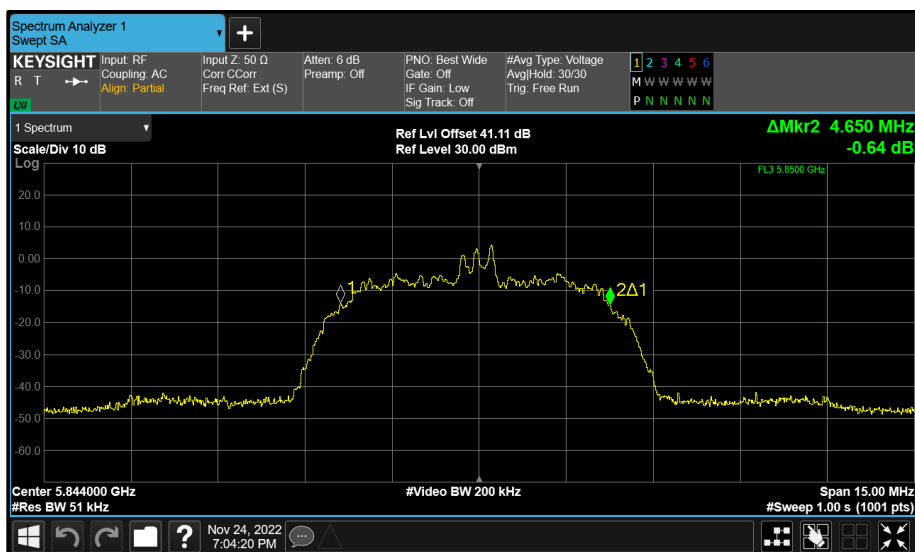


Figure 175 - Core 1 (B) 5844 MHz (CH119) 99% Bandwidth

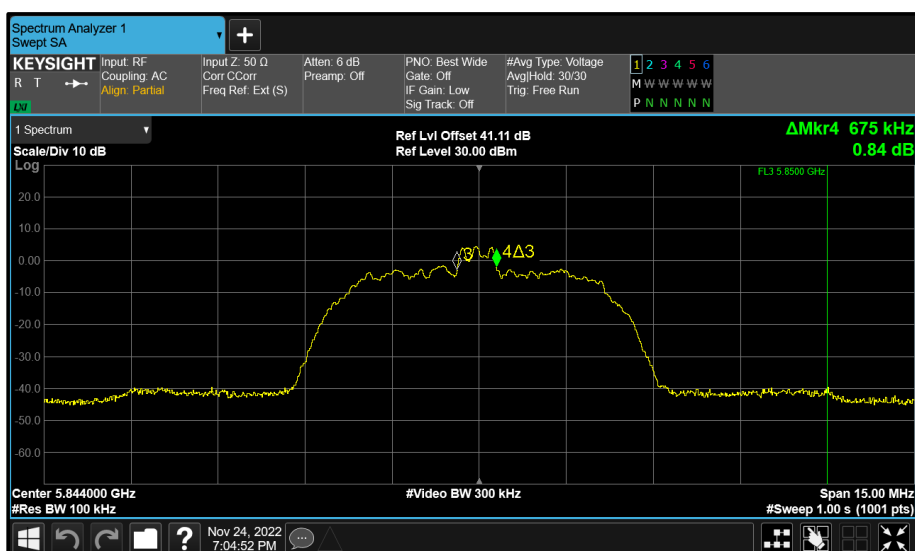


Figure 176 - Core 1 (B) 5844 MHz (CH119) 6 dB Bandwidth



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ 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	
5733	1.904	1.896	-	-	≥ 500.0
5789	1.912	1.904	-	-	≥ 500.0
5844	1.904	1.880	-	-	≥ 500.0

Table 69 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5733	2.384	2.376	-	-	-
5789	2.384	2.384	-	-	-
5844	2.376	2.376	-	-	-

Table 70 - 99% Bandwidth Results

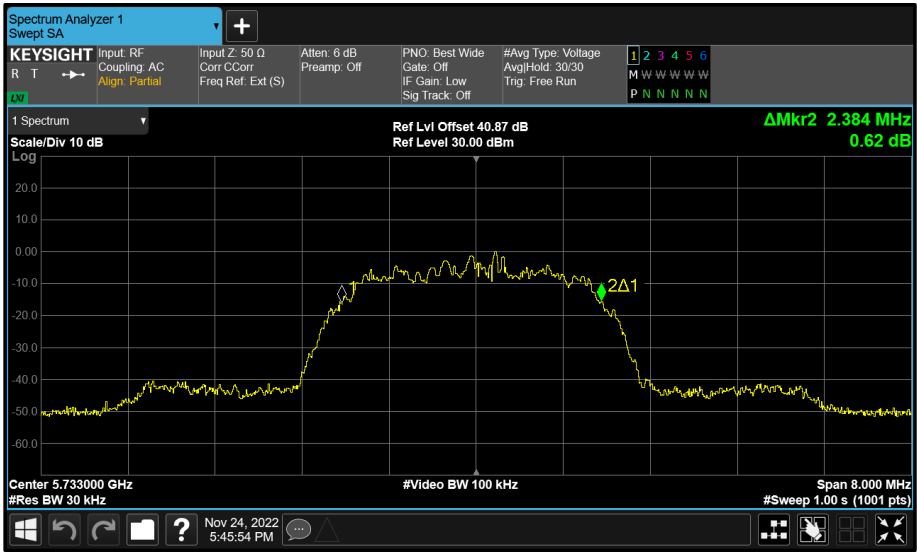


Figure 177 - Core 0 (A) 5733 MHz (CH8) 99% Bandwidth

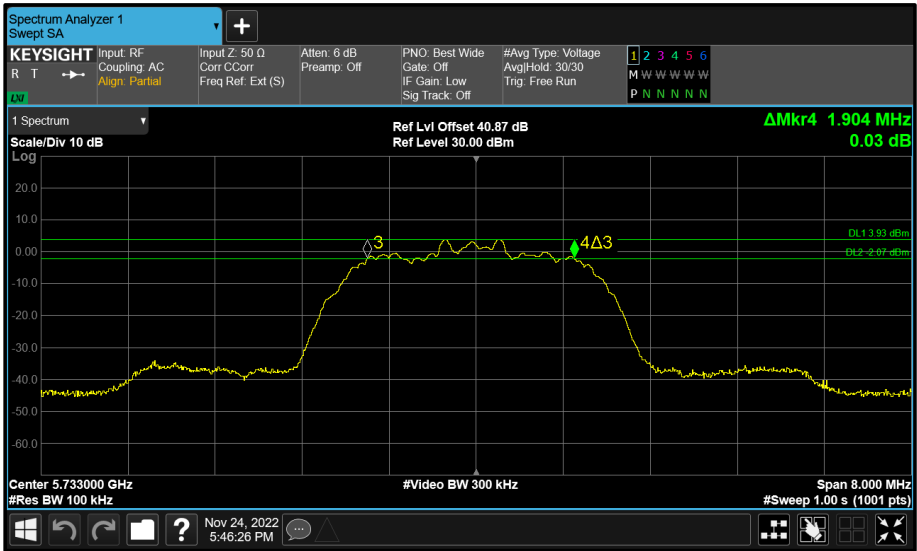


Figure 178 - Core 0 (A) 5733 MHz (CH8) 6 dB Bandwidth

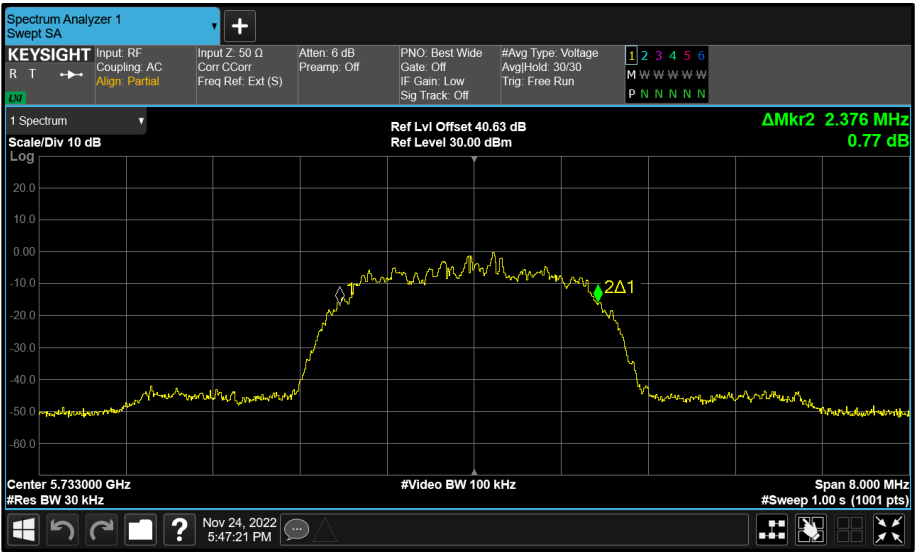


Figure 179 - Core 1 (B) 5733 MHz (CH8) 99% Bandwidth

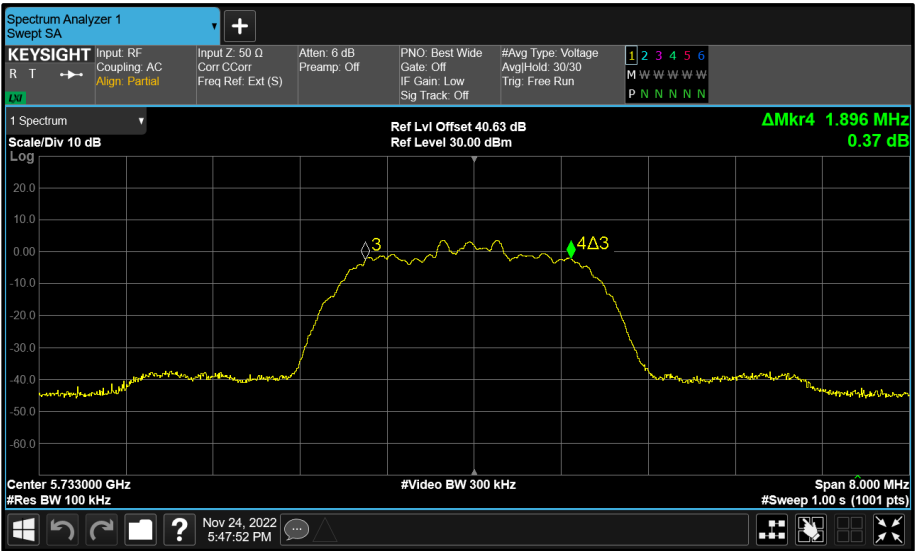


Figure 180 - Core 1 (B) 5733 MHz (CH8) 6 dB Bandwidth

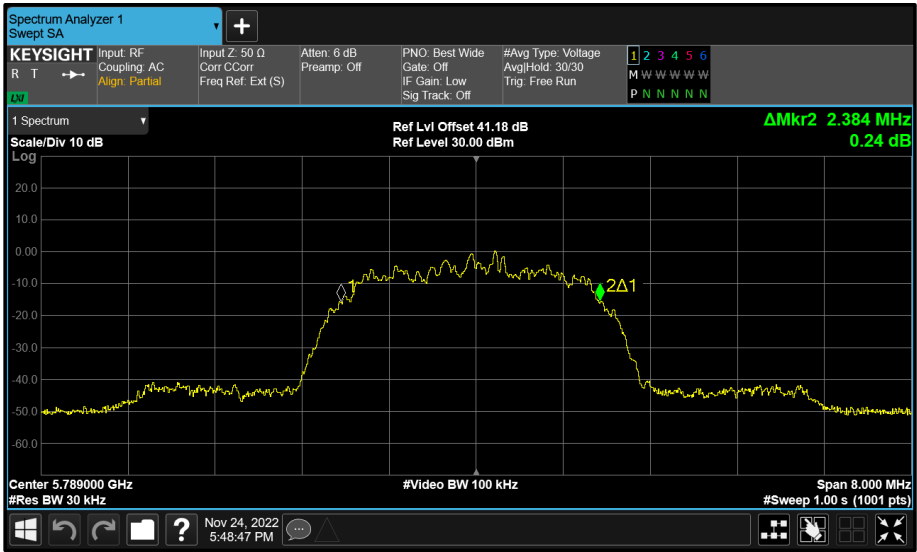


Figure 181 - Core 0 (A) 5789 MHz (CH64) 99% Bandwidth

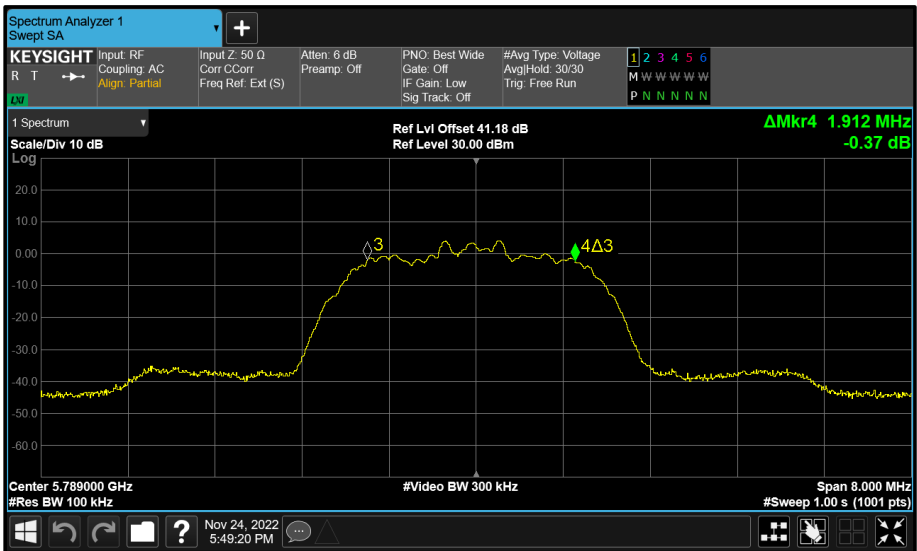


Figure 182 - Core 0 (A) 5789 MHz (CH64) 6 dB Bandwidth

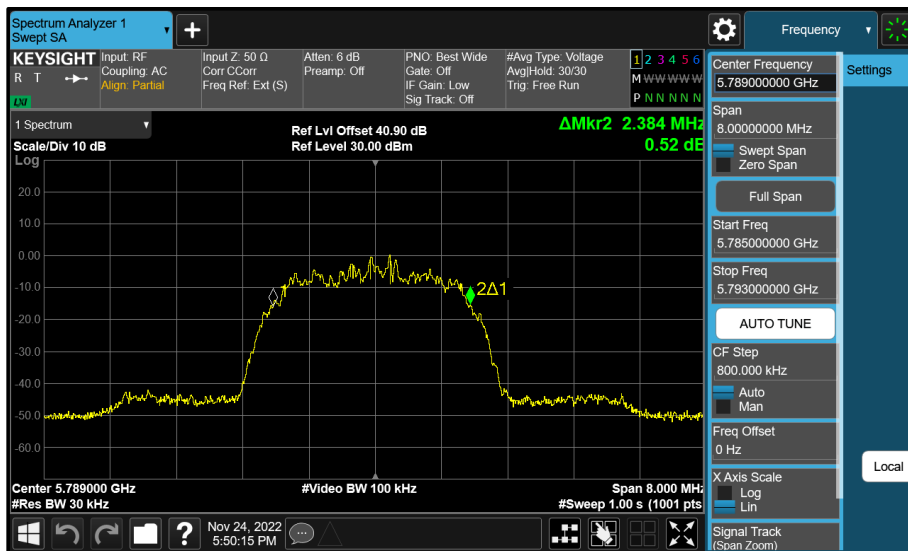


Figure 183 - Core 1 (B) 5789 MHz (CH64) 99% Bandwidth

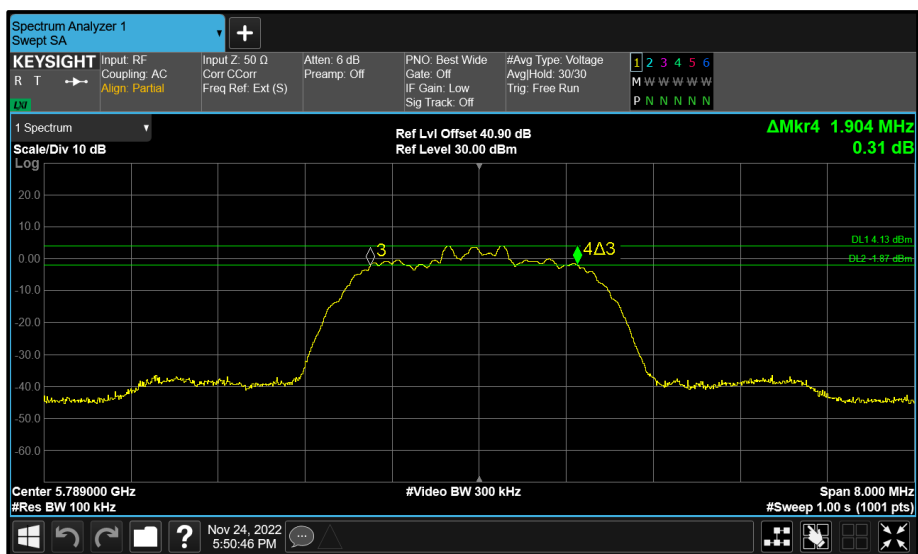


Figure 184 - Core 1 (B) 5789 MHz (CH64) 6 dB Bandwidth

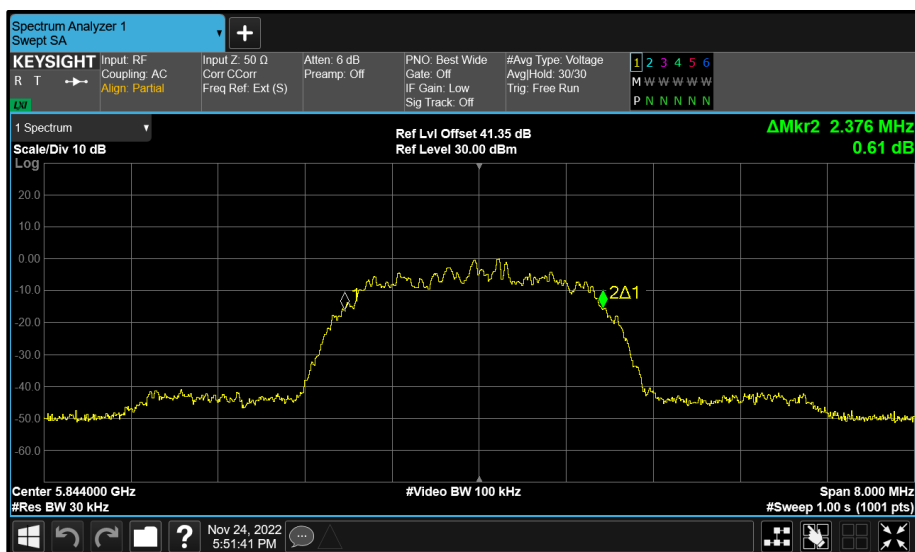


Figure 185 - Core 0 (A) 5844 MHz (CH119) 99% Bandwidth

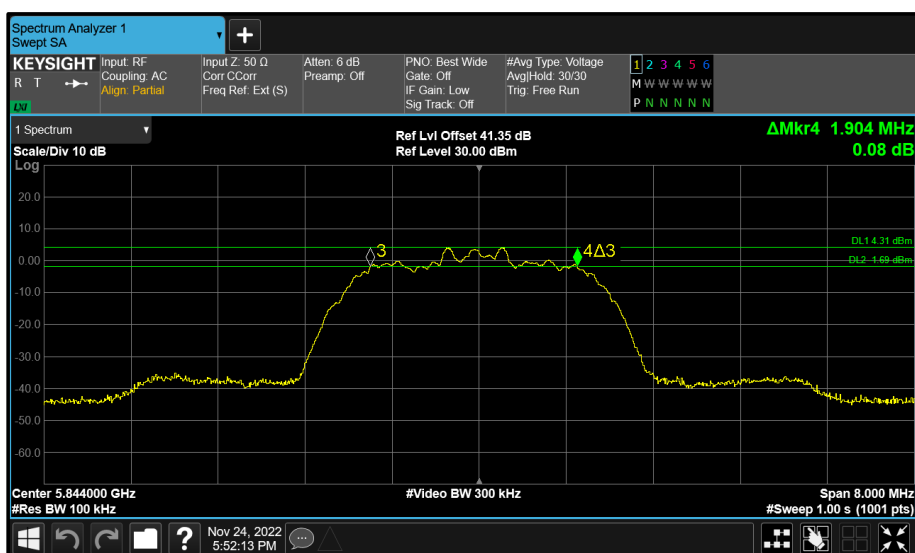


Figure 186 - Core 0 (A) 5844 MHz (CH119) 6 dB Bandwidth

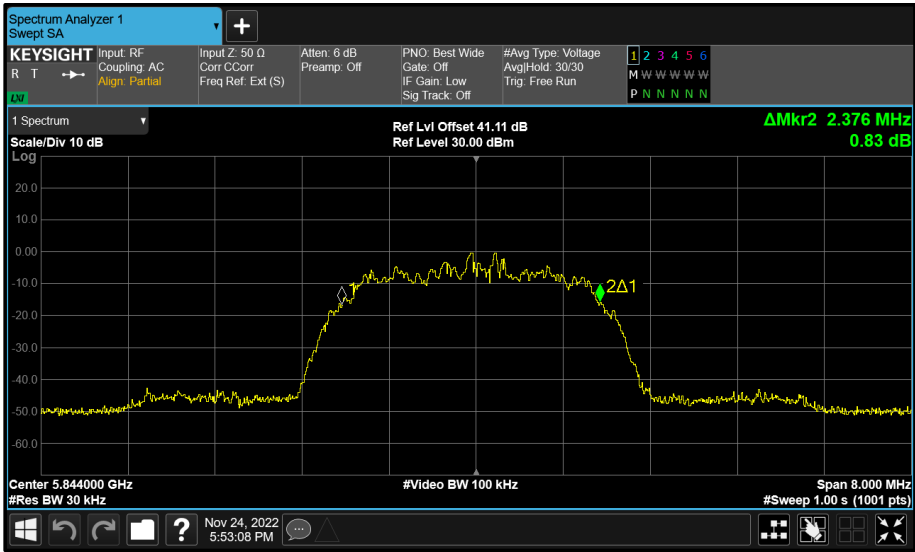


Figure 187 - Core 1 (B) 5844 MHz (CH119) 99% Bandwidth

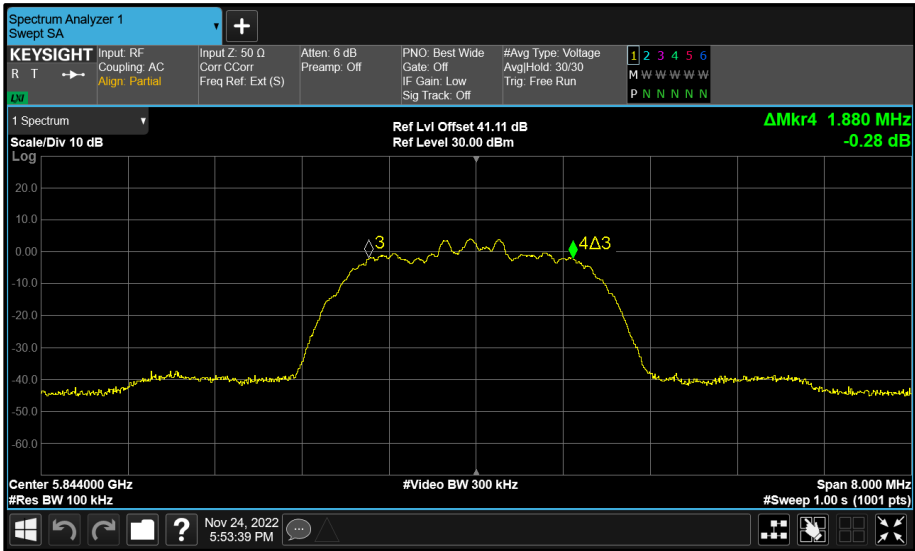


Figure 188 - Core 1 (B) 5844 MHz (CH119) 6 dB Bandwidth



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ 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	
5733	1.020	0.675	-	-	≥ 500.0
5789	1.005	0.945	-	-	≥ 500.0
5844	1.020	0.675	-	-	≥ 500.0

Table 71 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5733	4.665	4.650	-	-	-
5789	4.665	4.665	-	-	-
5844	4.680	4.650	-	-	-

Table 72 - 99% Bandwidth Results

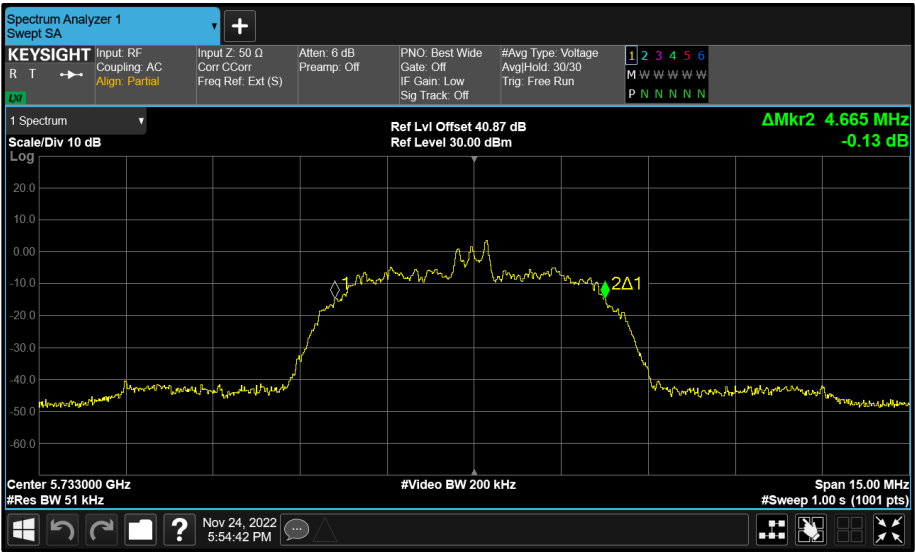


Figure 189 - Core 0 (A) 5733 MHz (CH8) 99% Bandwidth

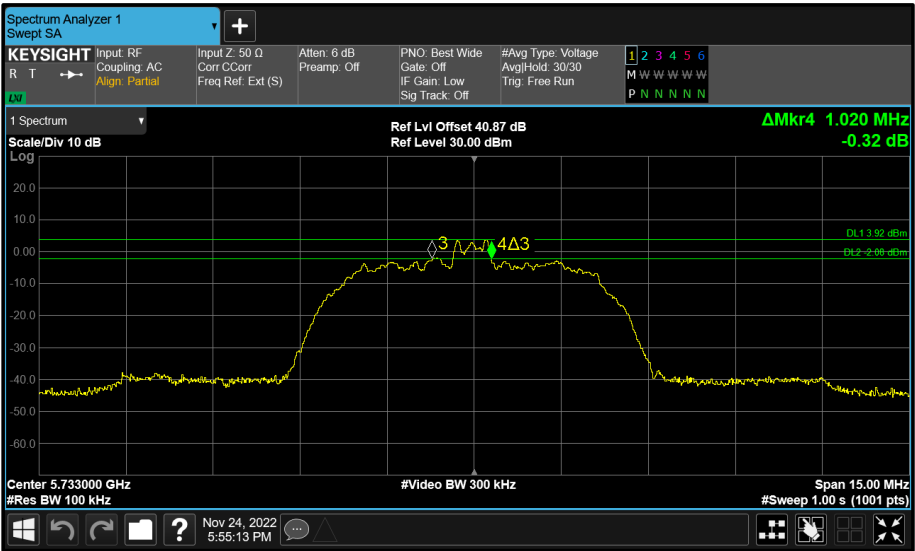


Figure 190 - Core 0 (A) 5733 MHz (CH8) 6 dB Bandwidth

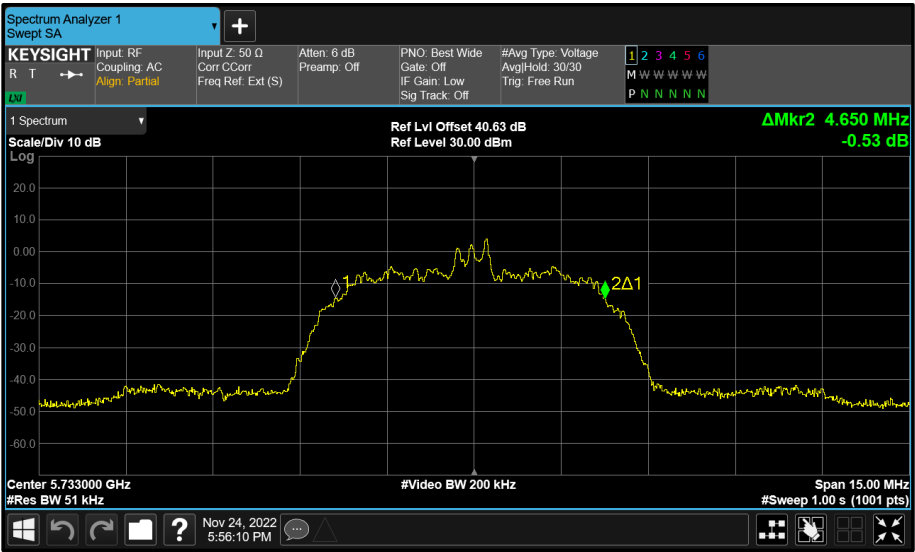


Figure 191 - Core 1 (B) 5733 MHz (CH8) 99% Bandwidth

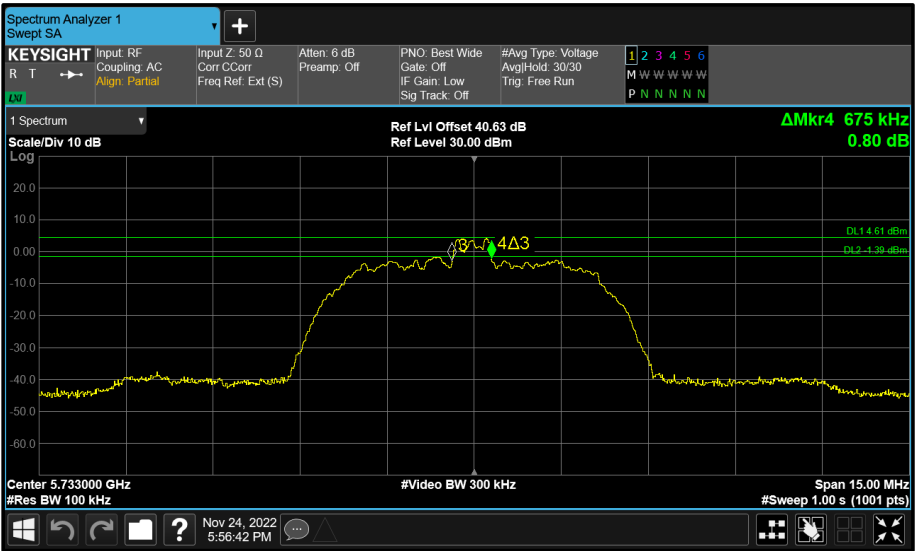


Figure 192 - Core 1 (B) 5733 MHz (CH8) 6 dB Bandwidth

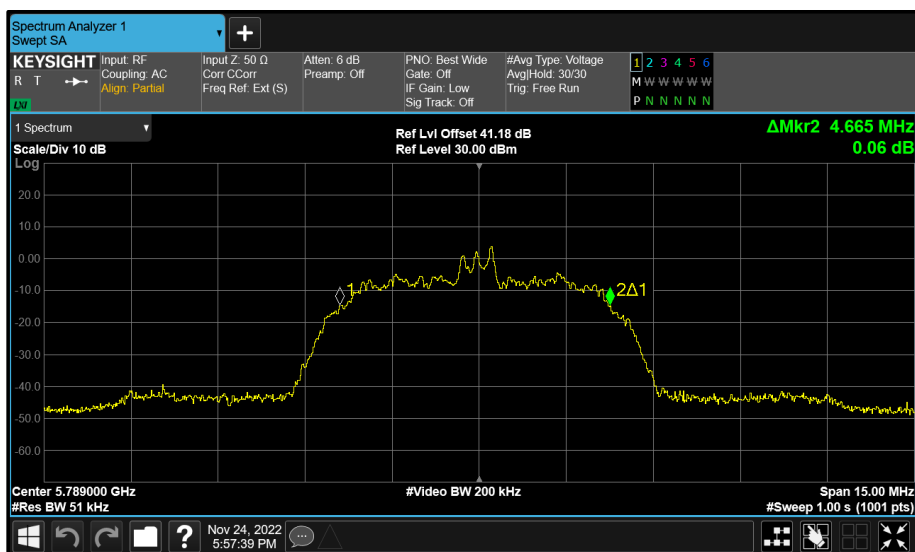


Figure 193 - Core 0 (A) 5789 MHz (CH64) 99% Bandwidth

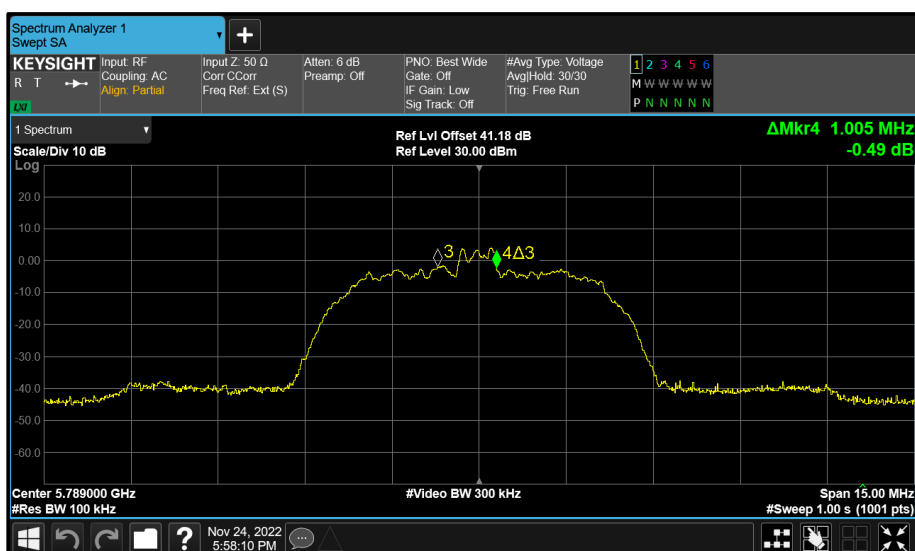


Figure 194 - Core 0 (A) 5789 MHz (CH64) 6 dB Bandwidth

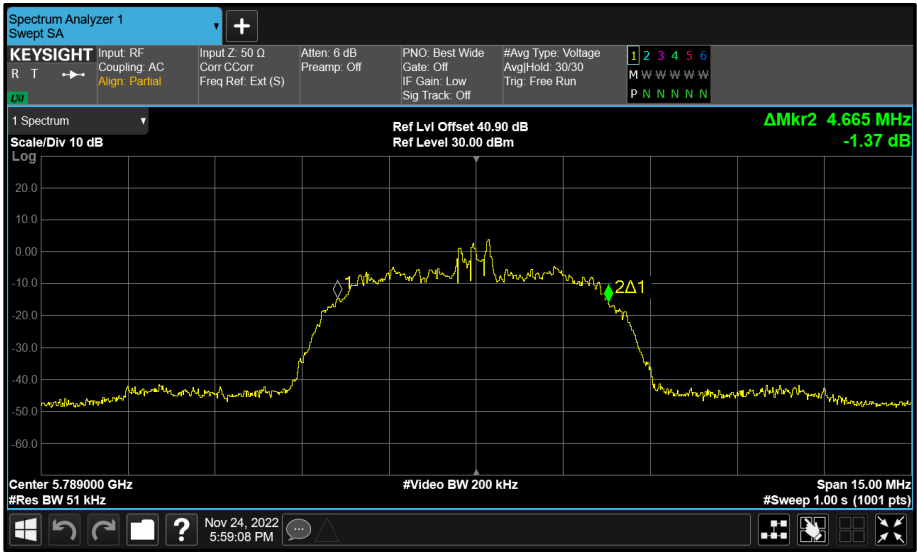


Figure 195 - Core 1 (B) 5789 MHz (CH64) 99% Bandwidth

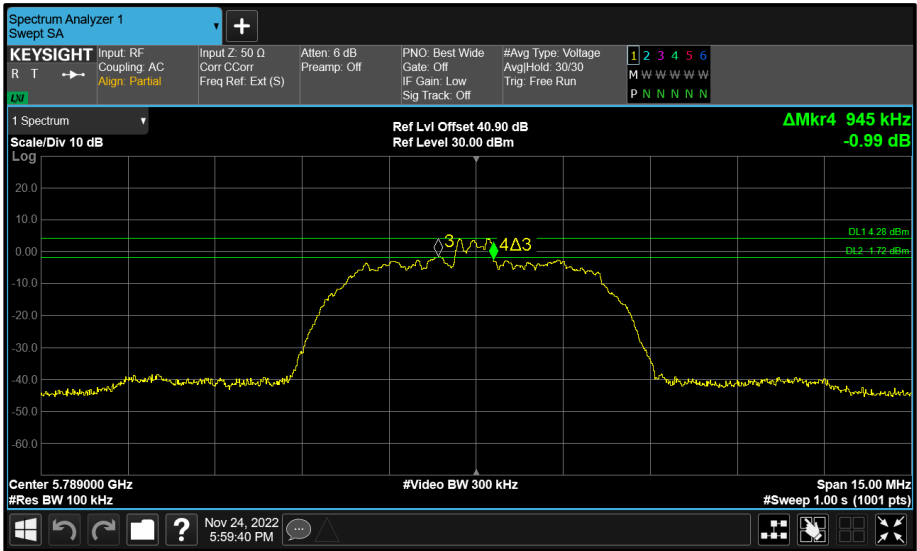


Figure 196 - Core 1 (B) 5789 MHz (CH64) 6 dB Bandwidth

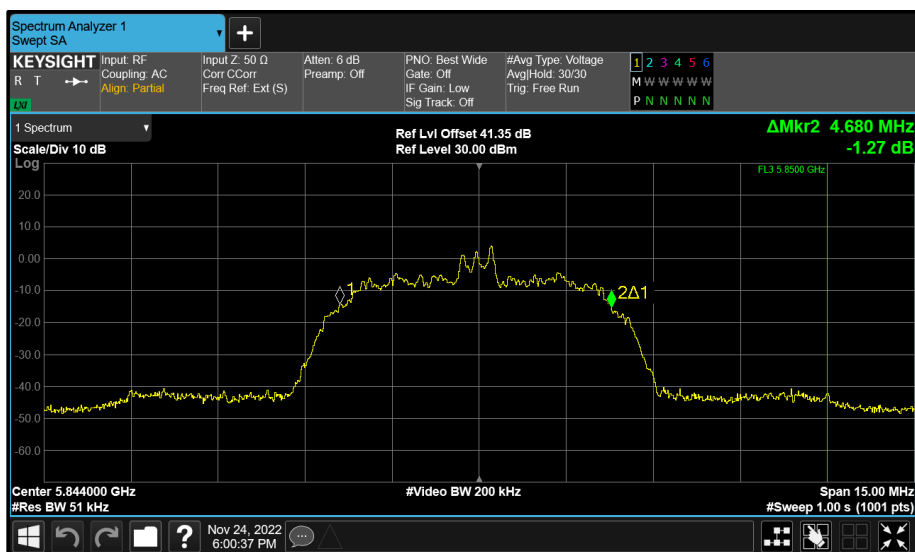


Figure 197 - Core 0 (A) 5844 MHz (CH119) 99% Bandwidth

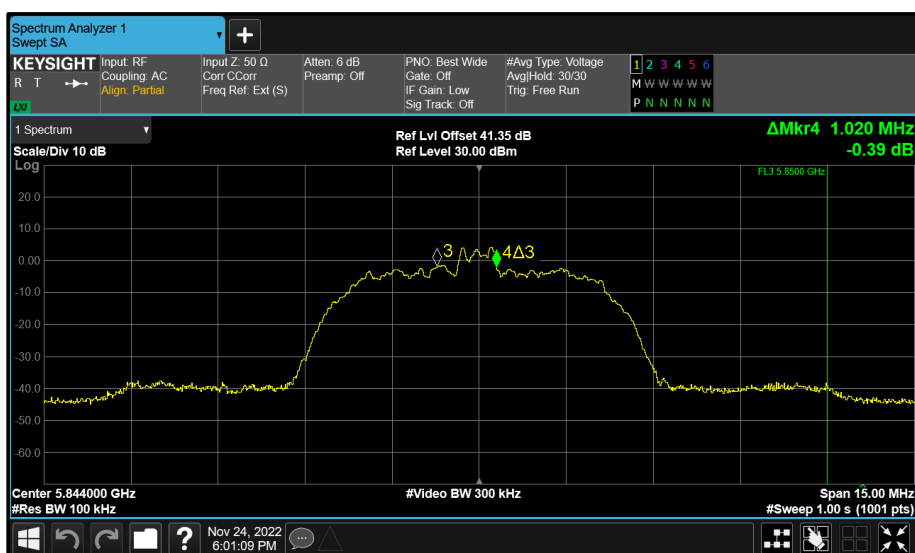


Figure 198 - Core 0 (A) 5844 MHz (CH119) 6 dB Bandwidth

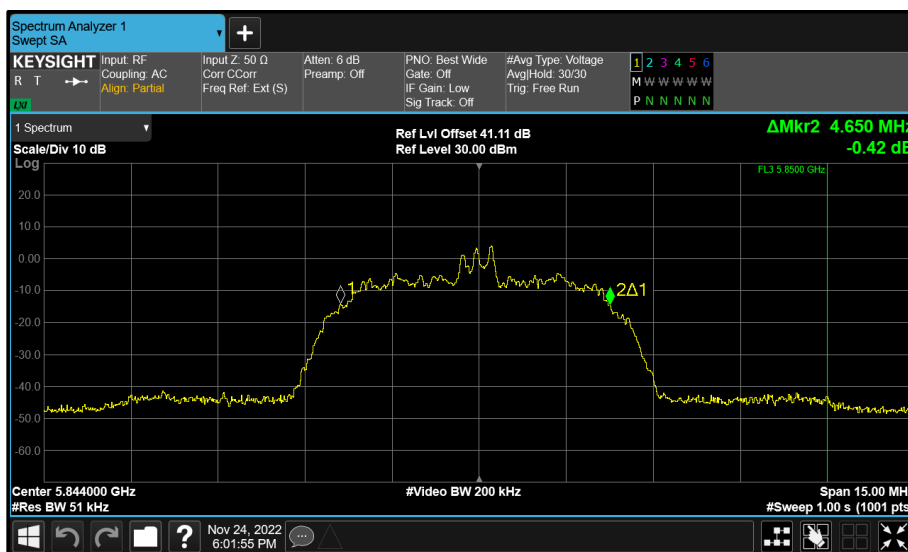


Figure 199 - Core 1 (B) 5844 MHz (CH119) 99% Bandwidth

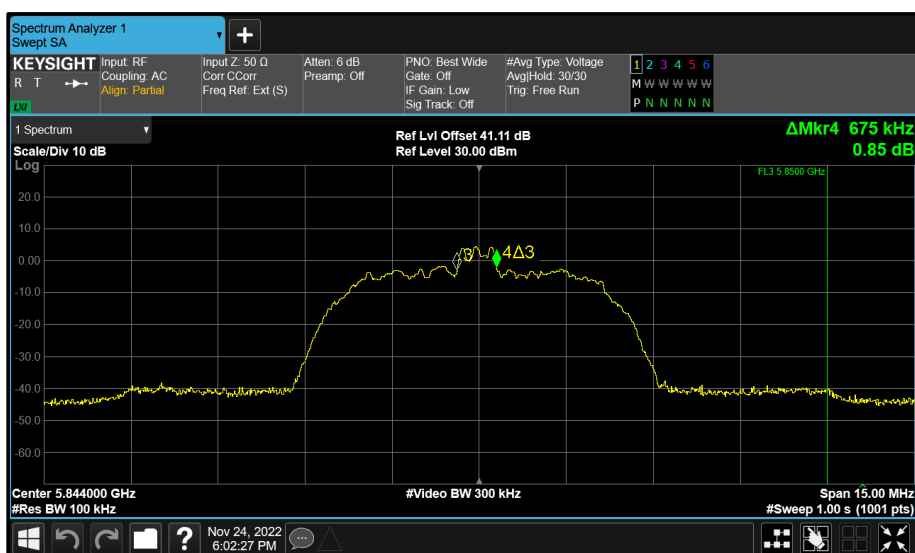


Figure 200 - Core 1 (B) 5844 MHz (CH119) 6 dB Bandwidth

FCC Part 15E, Limit Clause 15.407

5150 MHz to 5250 MHz: None specified.
5250 MHz to 5350 MHz: None specified.
5470 MHz to 5725 MHz: None specified.
5725 MHz to 5850 MHz: > 500 kHz.

ISED RSS-247, Limit Clause 6.2.1.1, 6.2.2.1, 6.2.3.1 and 6.2.4.1

5150 MHz to 5250 MHz: None specified.
5250 MHz to 5350 MHz: None specified.
5470 MHz to 5725 MHz: None specified.
5725 MHz to 5850 MHz: 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 Expiry Date
Multimeter	Fluke	79 Series III	611	12	21-Dec-2022
Hygrometer	Rotronic	I-1000	3068	12	21-Sep-2023
Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	01-Feb-2023
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	21-Mar-2024
Signal Conditioning Unit	TUV SUD	SPECTRUM SCU002	5759	12	05-Jul-2023

Table 73

O/P Mon – Output Monitored using calibrated equipment



2.3 Maximum Conducted Output Power

2.3.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-247, Clause 6.2

2.3.2 Equipment Under Test and Modification State

A2779, S/N: NX7LCFL417 - Modification State 0

2.3.3 Date of Test

24-November-2022

2.3.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.4.3.2 using method PM-G. Since the gated power meter was used for method PM-G the EUT was measured only while transmitting and hence no duty cycle correction was necessary.

MIMO output port summing was performed in accordance with KDB 662911 D01.

The EUT has equal conducted powers on all ports for each mode of operation, but unequal antenna gains. Therefore, for SISO and 2TX MIMO modes the EUT was tested on the ports with the highest antenna gain combinations which would result in the highest EIRP output power.

For transmit beamforming (TxBF) mode it was calculated in accordance with clause F)2)d)(i).

2.3.5 Environmental Conditions

Ambient Temperature	23.1 °C
Relative Humidity	40.2 %



2.3.6 Test Results

NarrowBand

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.4
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	6.61

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	11.60	-	-	-	-	23.39	-11.79
5204	11.74	-	-	-	-	23.39	-11.65
5245	11.60	-	-	-	-	23.39	-11.79

Table 74 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	2.392	11.60	-	-	-	-	18.21	13.79	4.42
5204	2.376	11.74	-	-	-	-	18.35	13.76	4.59
5245	2.384	11.60	-	-	-	-	18.21	13.77	4.44

Table 75 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	6.61

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	11.97	-	-	-	-	23.39	-11.42
5204	11.68	-	-	-	-	23.39	-11.71
5245	11.74	-	-	-	-	23.39	-11.65

Table 76 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	4.650	11.97	-	-	-	-	18.58	16.67	1.91
5204	4.650	11.68	-	-	-	-	18.29	16.67	1.62
5245	4.635	11.74	-	-	-	-	18.35	16.66	1.69

Table 77 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.4
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.53

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	-	10.58	-	-	-	24.00	-13.42
5204	-	10.53	-	-	-	24.00	-13.47
5245	-	10.92	-	-	-	24.00	-13.08

Table 78 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	2.376	-	10.58	-	-	-	15.11	13.76	1.35
5204	2.376	-	10.53	-	-	-	15.06	13.76	1.30
5245	2.384	-	10.92	-	-	-	15.45	13.77	1.68

Table 79 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.53

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	-	10.95	-	-	-	24.00	-13.05
5204	-	10.47	-	-	-	24.00	-13.53
5245	-	10.18	-	-	-	24.00	-13.82

Table 80 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	4.635	-	10.95	-	-	-	15.48	16.66	-1.18
5204	4.635	-	10.47	-	-	-	15.00	16.66	-1.66
5245	4.635	-	10.18	-	-	-	14.71	16.66	-1.95

Table 81 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	ePA $\pi/4$ 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):	8.64

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	5.98	5.93	-	-	8.96	21.36	-12.39
5204	5.74	5.42	-	-	8.60	21.36	-12.76
5245	5.75	5.66	-	-	8.71	21.36	-12.64

Table 82 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	2.384	5.98	5.93	-	-	8.96	17.61	13.77	3.83
5204	2.384	5.74	5.42	-	-	8.60	17.24	13.77	3.47
5245	2.384	5.75	5.66	-	-	8.71	17.36	13.77	3.58

Table 83 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	ePA $\pi/4$ 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):	8.64

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	5.86	5.86	-	-	8.87	21.36	-12.49
5204	5.89	5.53	-	-	8.73	21.36	-12.63
5245	5.59	5.64	-	-	8.63	21.36	-12.73

Table 84 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	4.635	5.86	5.86	-	-	8.87	17.51	16.66	0.85
5204	4.635	5.89	5.53	-	-	8.73	17.37	16.66	0.71
5245	4.635	5.59	5.64	-	-	8.63	17.27	16.66	0.61

Table 85 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.1
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	5.17

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	14.79	-	-	-	-	30.00	-15.21
5789	14.85	-	-	-	-	30.00	-15.15
5844	14.65	-	-	-	-	30.00	-15.35

Table 86 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	14.79	-	-	-	-	30.00	-15.21
5789	14.85	-	-	-	-	30.00	-15.15
5844	14.65	-	-	-	-	30.00	-15.35

Table 87 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	5.17

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	14.50	-	-	-	-	30.00	-15.50
5789	14.76	-	-	-	-	30.00	-15.24
5844	14.55	-	-	-	-	30.00	-15.45

Table 88 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	14.50	-	-	-	-	30.00	-15.50
5789	14.76	-	-	-	-	30.00	-15.24
5844	14.55	-	-	-	-	30.00	-15.45

Table 89 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.4
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.72

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	-	14.48	-	-	-	29.28	-14.80
5789	-	14.79	-	-	-	29.28	-14.49
5844	-	14.68	-	-	-	29.28	-14.60

Table 90 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	-	14.48	-	-	-	29.28	-14.80
5789	-	14.79	-	-	-	29.28	-14.49
5844	-	14.68	-	-	-	29.28	-14.60

Table 91 - ISD Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.72

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	-	14.41	-	-	-	29.28	-14.87
5789	-	14.70	-	-	-	29.28	-14.58
5844	-	14.58	-	-	-	29.28	-14.70

Table 92 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	-	14.41	-	-	-	29.28	-14.87
5789	-	14.70	-	-	-	29.28	-14.58
5844	-	14.58	-	-	-	29.28	-14.70

Table 93 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	ePA $\pi/4$ 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):	8.99

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	14.97	14.74	-	-	17.87	27.01	-9.14
5789	14.81	13.75	-	-	17.32	27.01	-9.69
5844	14.60	14.67	-	-	17.64	27.01	-9.37

Table 94 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	14.97	14.74	-	-	17.87	27.01	-9.14
5789	14.81	13.75	-	-	17.32	27.01	-9.69
5844	14.60	14.67	-	-	17.64	27.01	-9.37

Table 95 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	ePA $\pi/4$ 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):	8.99

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	14.82	14.64	-	-	17.74	27.01	-9.27
5789	14.86	14.95	-	-	17.92	27.01	-9.09
5844	14.64	15.00	-	-	17.84	27.01	-9.17

Table 96 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	14.82	14.64	-	-	17.74	27.01	-9.27
5789	14.86	14.95	-	-	17.92	27.01	-9.09
5844	14.64	15.00	-	-	17.84	27.01	-9.17

Table 97 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.7
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	6.61

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	9.82	-	-	-	-	23.39	-13.57
5204	9.57	-	-	-	-	23.39	-13.82
5245	9.84	-	-	-	-	23.39	-13.55

Table 98 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	1.000	9.82	-	-	-	-	16.43	10.00	6.43
5204	0.996	9.57	-	-	-	-	16.18	9.98	6.20
5245	1.000	9.84	-	-	-	-	16.45	10.00	6.45

Table 99 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.7
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.53

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	-	8.58	-	-	-	24.00	-15.42
5204	-	8.53	-	-	-	24.00	-15.47
5245	-	8.66	-	-	-	24.00	-15.34

Table 100 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	0.992	-	8.58	-	-	-	13.11	9.97	3.15
5204	1.024	-	8.53	-	-	-	13.06	10.10	2.96
5245	0.992	-	8.66	-	-	-	13.19	9.97	3.22

Table 101 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.7
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	8.64

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	3.63	3.66	-	-	6.66	21.36	-14.70
5204	3.46	3.71	-	-	6.59	21.36	-14.76
5245	3.66	3.71	-	-	6.69	21.36	-14.66

Table 102 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	0.885	3.63	3.66	-	-	6.66	15.30	9.47	5.83
5204	0.884	3.46	3.71	-	-	6.59	15.24	9.46	5.77
5245	0.882	3.66	3.71	-	-	6.69	15.34	9.45	5.88

Table 103 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.1
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	6.61

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	4.06	-	-	-	-	23.39	-19.33
5204	4.43	-	-	-	-	23.39	-18.96
5245	4.29	-	-	-	-	23.39	-19.10

Table 104 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	2.384	4.06	-	-	-	-	10.67	13.77	-3.10
5204	2.392	4.43	-	-	-	-	11.04	13.79	-2.75
5245	2.376	4.29	-	-	-	-	10.90	13.76	-2.86

Table 105 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	6.61

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	4.39	-	-	-	-	23.39	-19.00
5204	4.15	-	-	-	-	23.39	-19.24
5245	4.44	-	-	-	-	23.39	-18.95

Table 106 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	4.650	4.39	-	-	-	-	11.00	16.67	-5.68
5204	4.650	4.15	-	-	-	-	10.76	16.67	-5.92
5245	4.650	4.44	-	-	-	-	11.05	16.67	-5.62

Table 107 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.4
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.53

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	-	4.44	-	-	-	24.00	-19.56
5204	-	4.06	-	-	-	24.00	-19.94
5245	-	4.35	-	-	-	24.00	-19.65

Table 108 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	2.384	-	4.44	-	-	-	8.97	13.77	-4.80
5204	2.376	-	4.06	-	-	-	8.59	13.76	-5.16
5245	2.376	-	4.35	-	-	-	8.88	13.76	-4.88

Table 109 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.53

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	-	4.47	-	-	-	24.00	-19.53
5204	-	4.16	-	-	-	24.00	-19.84
5245	-	4.28	-	-	-	24.00	-19.72

Table 110 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	4.635	-	4.47	-	-	-	9.00	16.66	-7.66
5204	4.635	-	4.16	-	-	-	8.69	16.66	-7.97
5245	4.635	-	4.28	-	-	-	8.81	16.66	-7.85

Table 111 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	iPA $\pi/4$ 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):	8.64

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	4.04	4.46	-	-	7.26	21.36	-14.09
5204	4.06	4.02	-	-	7.05	21.36	-14.31
5245	4.28	4.21	-	-	7.26	21.36	-14.10

Table 112 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	2.376	4.04	4.46	-	-	7.26	15.91	13.76	2.15
5204	2.384	4.06	4.02	-	-	7.05	15.69	13.77	1.92
5245	2.384	4.28	4.21	-	-	7.26	15.90	13.77	2.13

Table 113 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	15.407 (a)(1)(iv) RSS-247 6.2.1.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	iPA $\pi/4$ 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):	8.64

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5162	4.31	4.08	-	-	7.21	21.36	-14.15
5204	4.14	4.11	-	-	7.14	21.36	-14.22
5245	2.55	4.19	-	-	6.45	21.36	-14.90

Table 114 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Minimum 99% OBW (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
		A	B	C	D	Σ			
5162	4.635	4.31	4.08	-	-	7.21	15.85	16.66	-0.81
5204	4.635	4.14	4.11	-	-	7.14	15.78	16.66	-0.88
5245	4.635	2.55	4.19	-	-	6.45	15.10	16.66	-1.56

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



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.7
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	5.17

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	10.56	-	-	-	-	30.00	-19.44
5789	10.50	-	-	-	-	30.00	-19.50
5844	10.97	-	-	-	-	30.00	-19.03

Table 116 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	10.56	-	-	-	-	30.00	-19.44
5789	10.50	-	-	-	-	30.00	-19.50
5844	10.97	-	-	-	-	30.00	-19.03

Table 117 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.7
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.72

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	-	10.74	-	-	-	29.28	-18.54
5789	-	10.70	-	-	-	29.28	-18.58
5844	-	10.20	-	-	-	29.28	-19.08

Table 118 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	-	10.74	-	-	-	29.28	-18.54
5789	-	10.70	-	-	-	29.28	-18.58
5844	-	10.20	-	-	-	29.28	-19.08

Table 119 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.7
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0 + Core 1)	Peak Antenna Gain (dBi):	8.99

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	10.67	10.81	-	-	13.76	27.01	-13.25
5789	10.96	10.71	-	-	13.85	27.01	-13.16
5844	10.63	10.57	-	-	13.61	27.01	-13.40

Table 120 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	10.67	10.81	-	-	13.76	27.01	-13.25
5789	10.96	10.71	-	-	13.85	27.01	-13.16
5844	10.63	10.57	-	-	13.61	27.01	-13.40

Table 121 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.4
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	5.17

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	4.30	-	-	-	-	30.00	-25.70
5789	4.38	-	-	-	-	30.00	-25.62
5844	4.27	-	-	-	-	30.00	-25.73

Table 122 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	4.30	-	-	-	-	30.00	-25.70
5789	4.38	-	-	-	-	30.00	-25.62
5844	4.27	-	-	-	-	30.00	-25.73

Table 123 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	5.17

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	4.41	-	-	-	-	30.00	-25.59
5789	4.24	-	-	-	-	30.00	-25.76
5844	4.26	-	-	-	-	30.00	-25.74

Table 124 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	4.41	-	-	-	-	30.00	-25.59
5789	4.24	-	-	-	-	30.00	-25.76
5844	4.26	-	-	-	-	30.00	-25.74

Table 125 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (4-DH5)	Duty Cycle (%):	78.4
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.72

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	-	4.34	-	-	-	29.28	-24.94
5789	-	4.46	-	-	-	29.28	-24.82
5844	-	4.01	-	-	-	29.28	-25.27

Table 126 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	-	4.34	-	-	-	29.28	-24.94
5789	-	4.46	-	-	-	29.28	-24.82
5844	-	4.01	-	-	-	29.28	-25.27

Table 127 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.72

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	-	4.26	-	-	-	29.28	-25.02
5789	-	4.48	-	-	-	29.28	-24.80
5844	-	4.16	-	-	-	29.28	-25.12

Table 128 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	-	4.26	-	-	-	29.28	-25.02
5789	-	4.48	-	-	-	29.28	-24.80
5844	-	4.16	-	-	-	29.28	-25.12

Table 129 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	iPA $\pi/4$ 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):	8.99

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	4.48	4.26	-	-	7.38	27.01	-19.63
5789	4.38	4.41	-	-	7.41	27.01	-19.60
5844	4.39	3.96	-	-	7.19	27.01	-19.82

Table 130 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	4.48	4.26	-	-	7.38	27.01	-19.63
5789	4.38	4.41	-	-	7.41	27.01	-19.60
5844	4.39	3.96	-	-	7.19	27.01	-19.82

Table 131 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407 (a)(3) RSS-247 6.2.4.1	Test Method(s):	C63.10 12.4.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	iPA $\pi/4$ 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):	8.99

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	4.20	4.40	-	-	7.32	27.01	-19.69
5789	4.41	4.43	-	-	7.43	27.01	-19.58
5844	4.28	4.12	-	-	7.21	27.01	-19.80

Table 132 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
5733	4.20	4.40	-	-	7.32	27.01	-19.69
5789	4.41	4.43	-	-	7.43	27.01	-19.58
5844	4.28	4.12	-	-	7.21	27.01	-19.80

Table 133 - ISSED Maximum Conducted (average) Output Power Results



FCC 47 CFR Part 15E, Limit Clause 15.407(a)

Condition of Operation	Frequency Range (MHz)			
	5150-5250	5250-5350	5470-5725	5725-5850
Max Conducted TX Power	30 dBm (1W) for master device 24 dBm (250 mW) for client device	24 dBm (250 mW) or 11 dBm + 10 Log B, whichever is lower (B = 26 dB emission BW)		30 dBm (1 W)
Max EIRP	4W (36 dBm) with 6 dBi antenna 200 W (53 dBm) for fixed P-t-P application with 23 dBi antenna Additional rule for outdoor operation: Max_EIRP < 125 mW (21 dBm) at any elevation angle > 30° from horizon.	1 W (30 dBm) with 6 dBi antenna		4 W (36 dBm) with 6 dBi antenna. No EIRP limit for fixed P-t-P application (i.e. no antenna gain limit)

Table 134

ISED RSS-247, Limit Clause 6.2.1.1, 6.2.2.1, 6.2.3.1 and 6.2.4.1

Device	Frequency Range (MHz)			
	5150-5250	5250-5350	5470-5725	5725-5850
OEM installed in vehicles	30 mW or $1.76 + 10 \log_{10} B$, dBm (EIRP); whichever is less	30 mW or $1.76 + 10 \log_{10} B$, dBm (EIRP)); whichever is less	-	-
Other	200 mW or $10 + 10 \log_{10} B$ dBm (EIRP); whichever is less	250 mW or $11 + 10 \log_{10} B$); whichever is less 1.0 W or $17 + 10 \log_{10} B$ dBm EIRP; whichever is less	250 mW or $11 + 10 \log_{10} B$); whichever is less 1.0 W or $17 + 10 \log_{10} B$ dBm EIRP; whichever is less	1W 4W EIRP

Table 135