

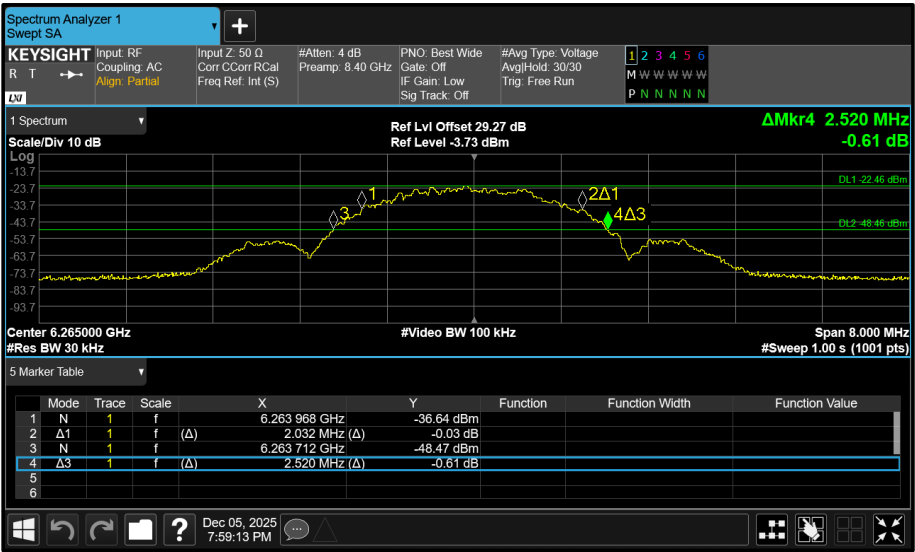


Figure 140 - Core 1 (B) 6265 MHz (CH89) 26 dB and 99% Bandwidth

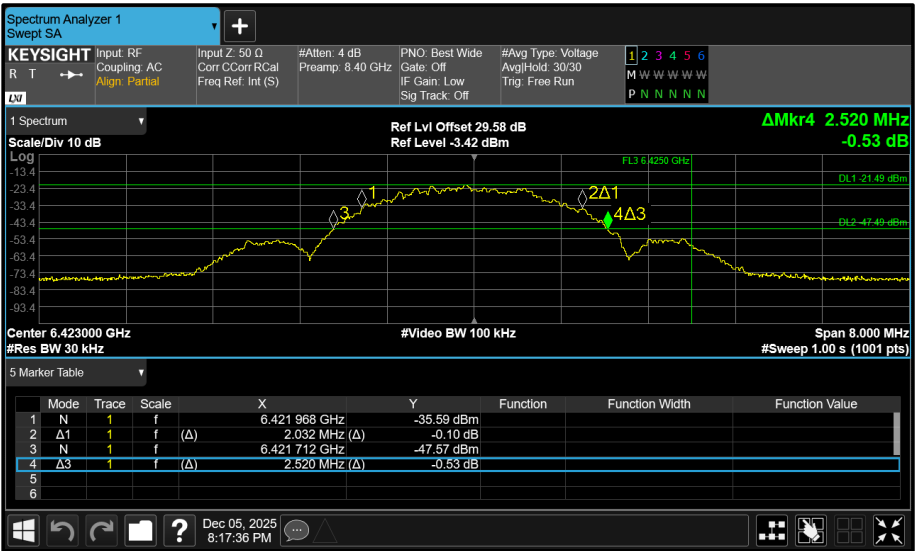


Figure 141 - Core 0 (A) 6423 MHz (CH122) 26 dB and 99% Bandwidth

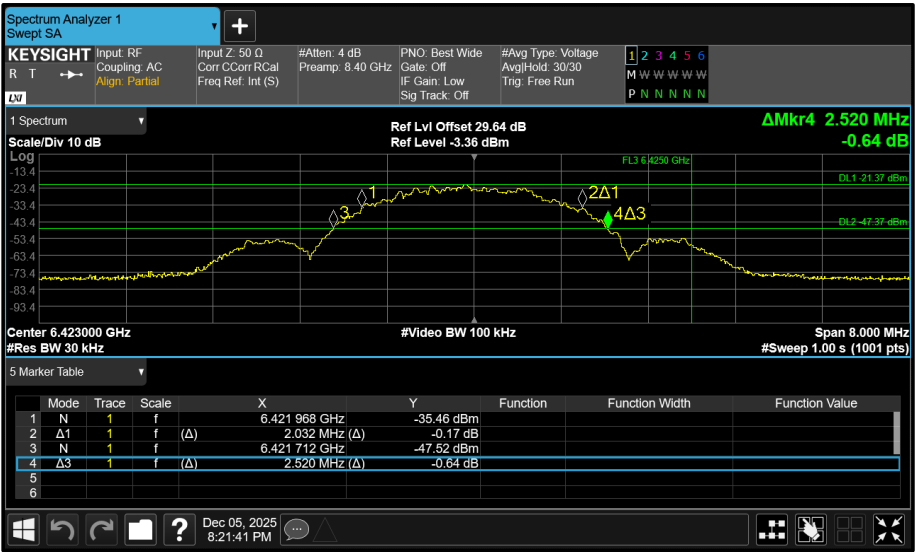


Figure 142 - Core 1 (B) 6423 MHz (CH122) 26 dB and 99% Bandwidth

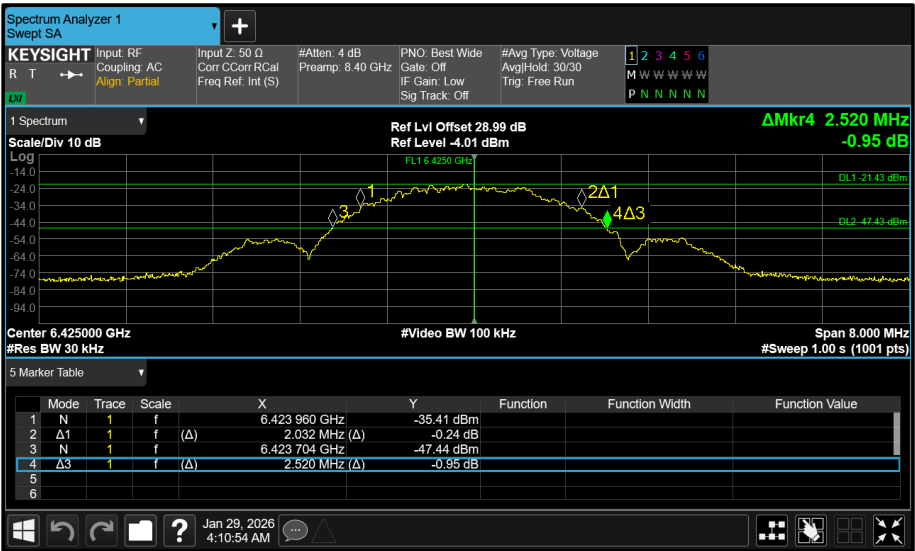


Figure 143 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

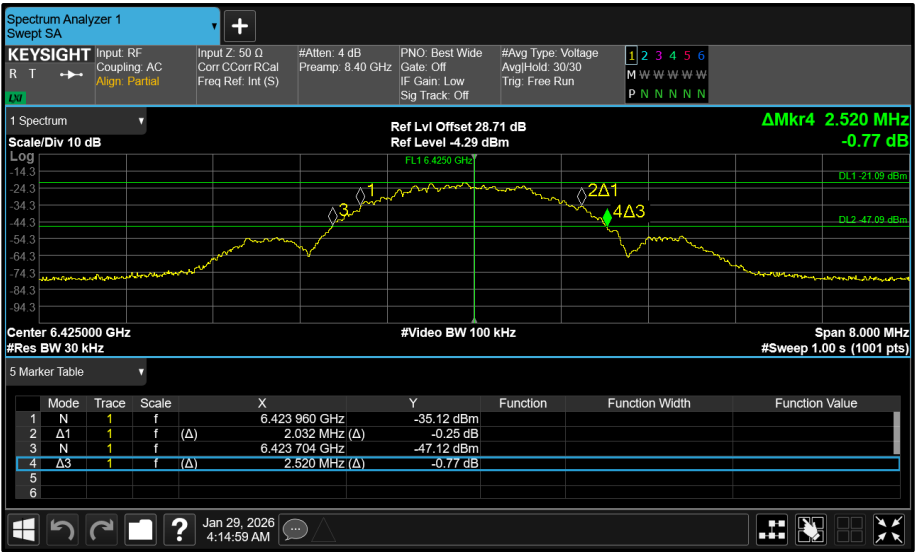


Figure 144 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a) (11) RSS-248 4.4	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	1.192	1.192	-	-	≤320.0
6265	1.188	1.188	-	-	≤320.0
6424	1.188	1.188	-	-	≤320.0
6425	1.192	1.192	-	-	≤320.0

Table 67 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	0.936	0.940	-	-	≤320.0
6265	0.936	0.936	-	-	≤320.0
6424	0.936	0.936	-	-	≤320.0
6425	0.932	0.932	-	-	≤320.0

Table 68 - 99% Bandwidth Results

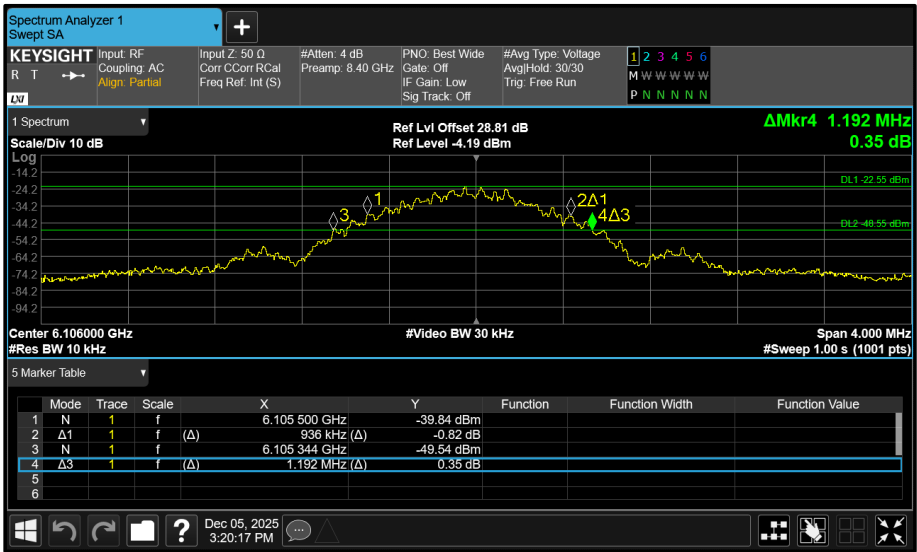


Figure 145 - Core 0 (A) 6106 MHz (CH55) 26 dB and 99% Bandwidth

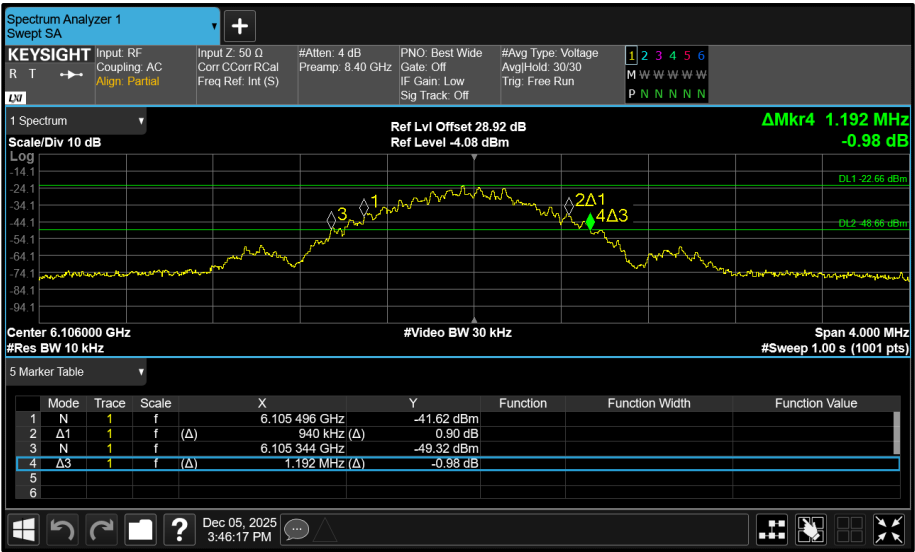


Figure 146 - Core 1 (B) 6106 MHz (CH55) 26 dB and 99% Bandwidth

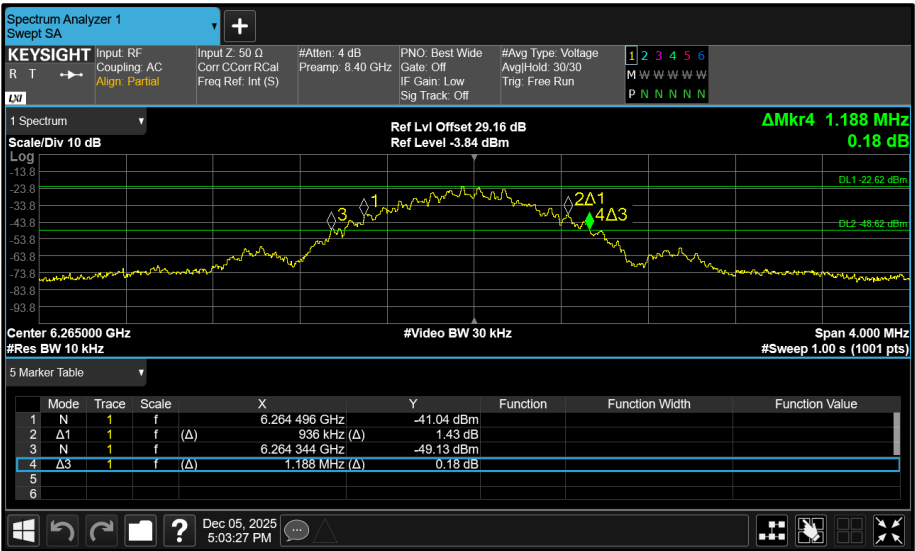


Figure 147 - Core 0 (A) 6265 MHz (CH89) 26 dB and 99% Bandwidth

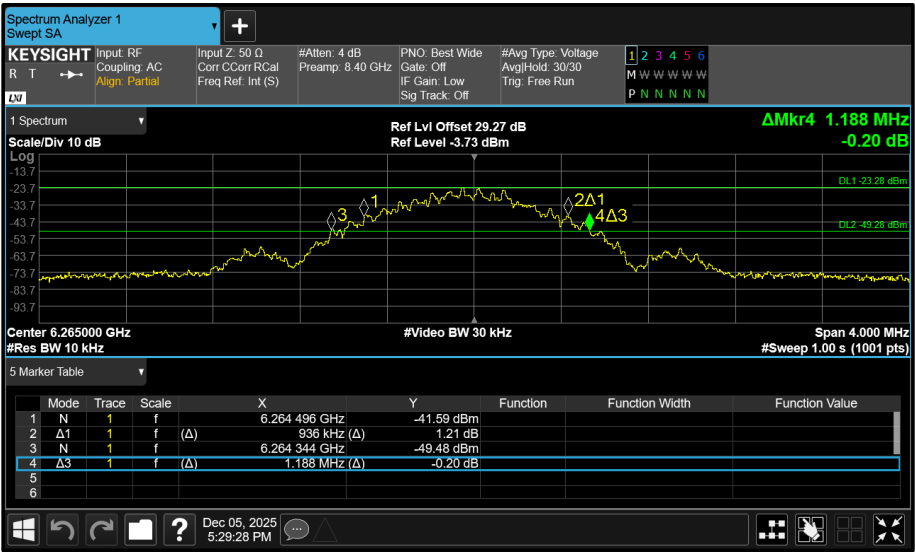


Figure 148 - Core 1 (B) 6265 MHz (CH89) 26 dB and 99% Bandwidth

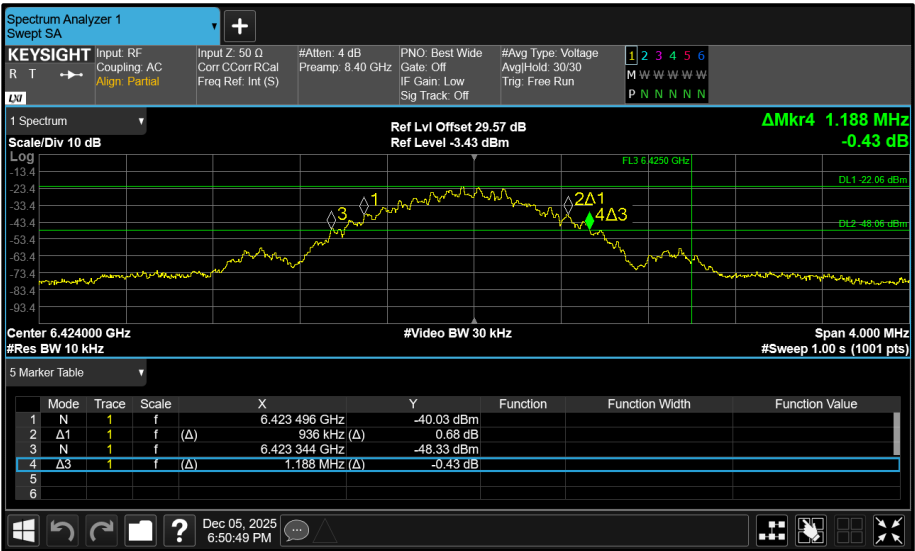


Figure 149 - Core 0 (A) 6424 MHz (CH123) 26 dB and 99% Bandwidth

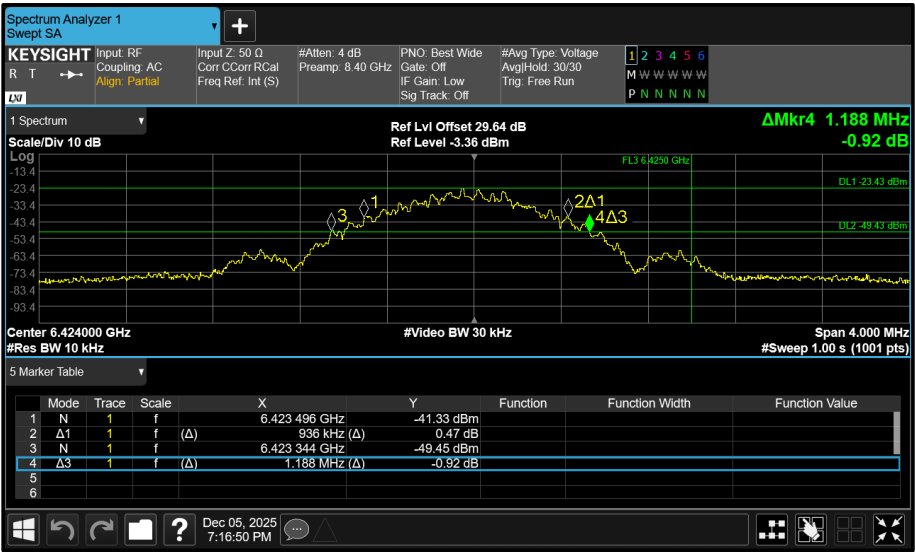


Figure 150 - Core 1 (B) 6424 MHz (CH123) 26 dB and 99% Bandwidth

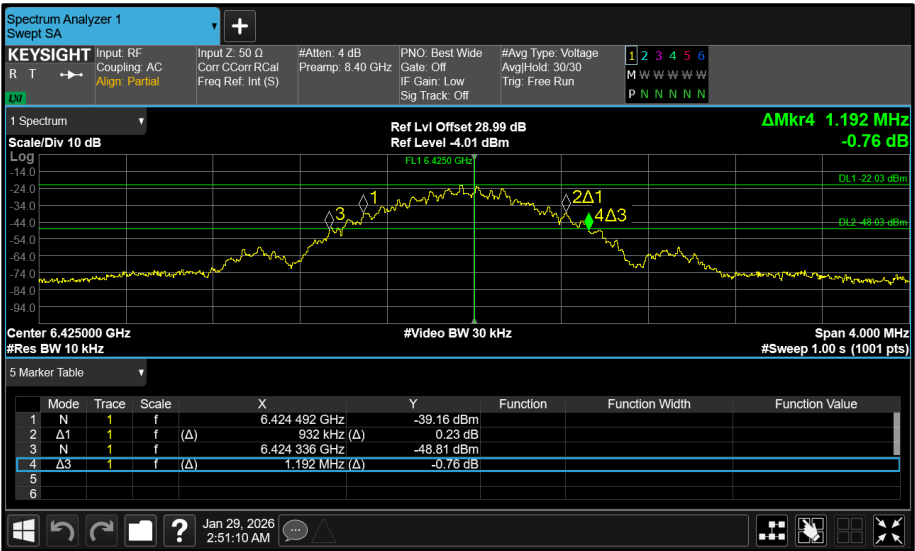
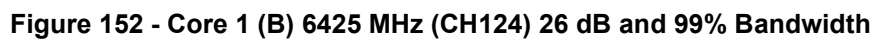


Figure 151 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth





Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a) (11) RSS-248 4.4	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	5.310	5.310	-	-	≤ 320.0
6265	5.310	5.310	-	-	≤ 320.0
6422	5.310	5.310	-	-	≤ 320.0
6425	5.310	5.310	-	-	≤ 320.0

Table 69 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	4.620	4.620	-	-	≤ 320.0
6265	4.620	4.620	-	-	≤ 320.0
6422	4.620	4.620	-	-	≤ 320.0
6425	4.620	4.605	-	-	≤ 320.0

Table 70 - 99% Bandwidth Results

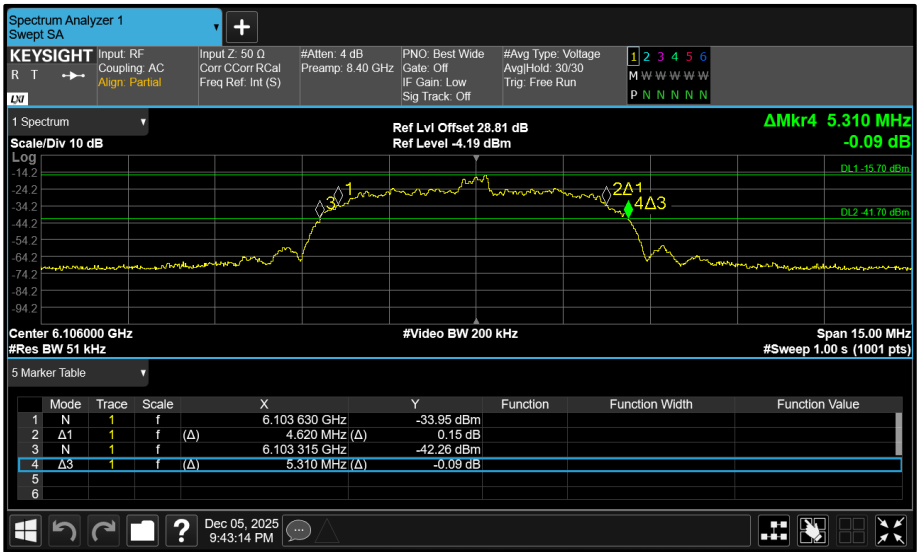


Figure 153 - Core 0 (A) 6106 MHz (CH55) 26 dB and 99% Bandwidth

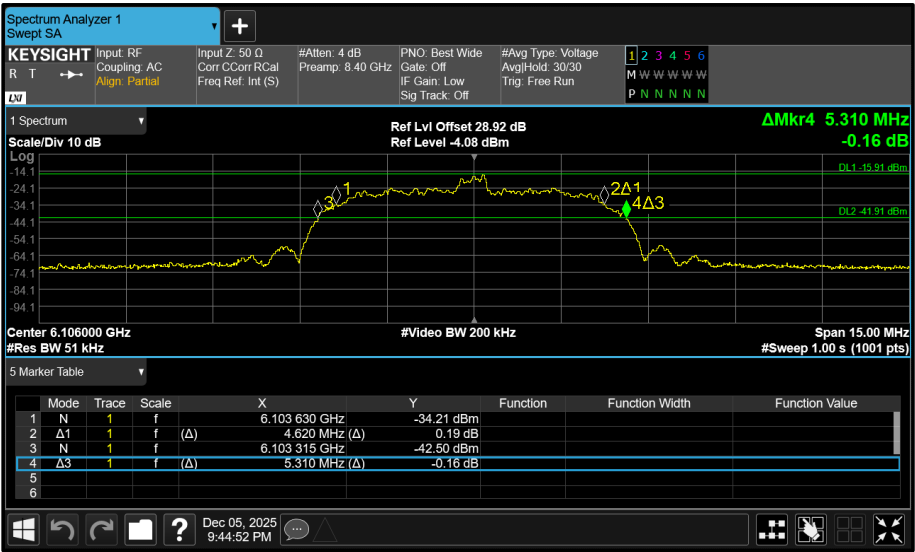


Figure 154 - Core 1 (B) 6106 MHz (CH55) 26 dB and 99% Bandwidth

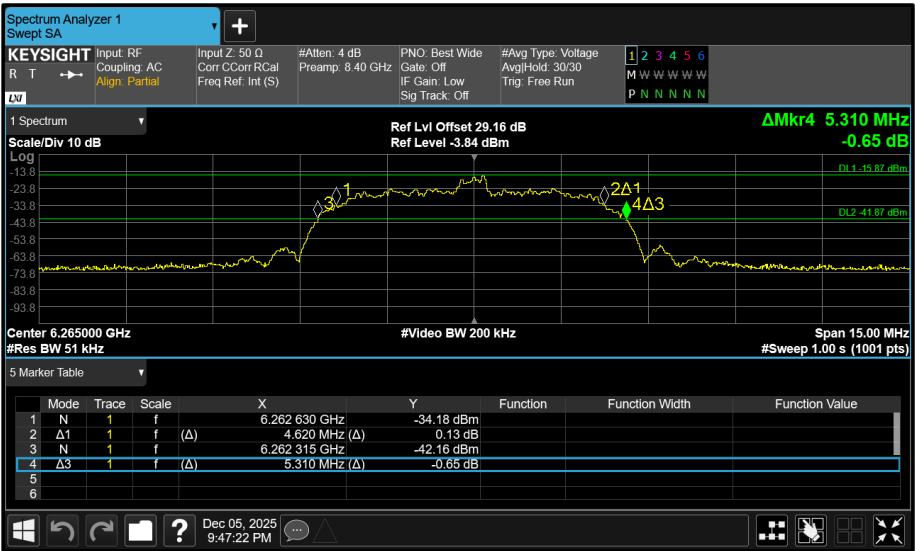


Figure 155 - Core 0 (A) 6265 MHz (CH89) 26 dB and 99% Bandwidth

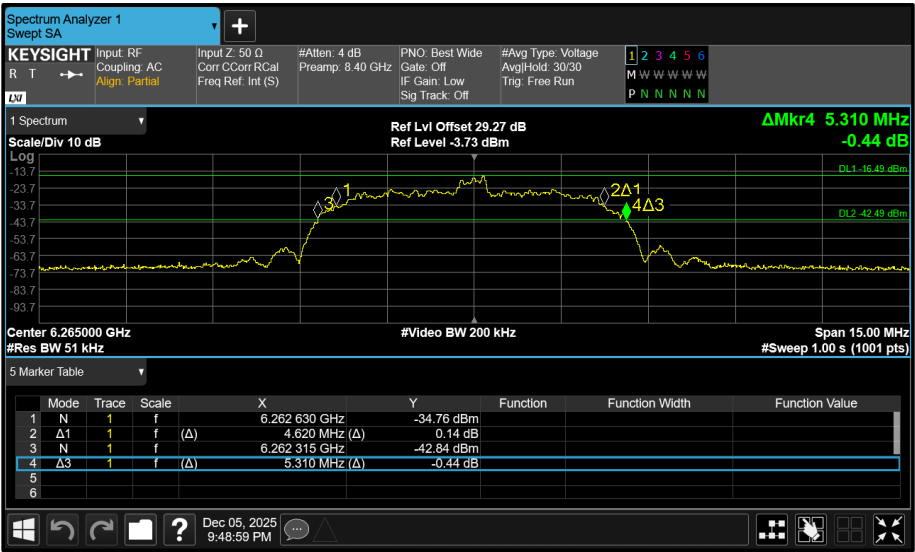


Figure 156 - Core 1 (B) 6265 MHz (CH89) 26 dB and 99% Bandwidth

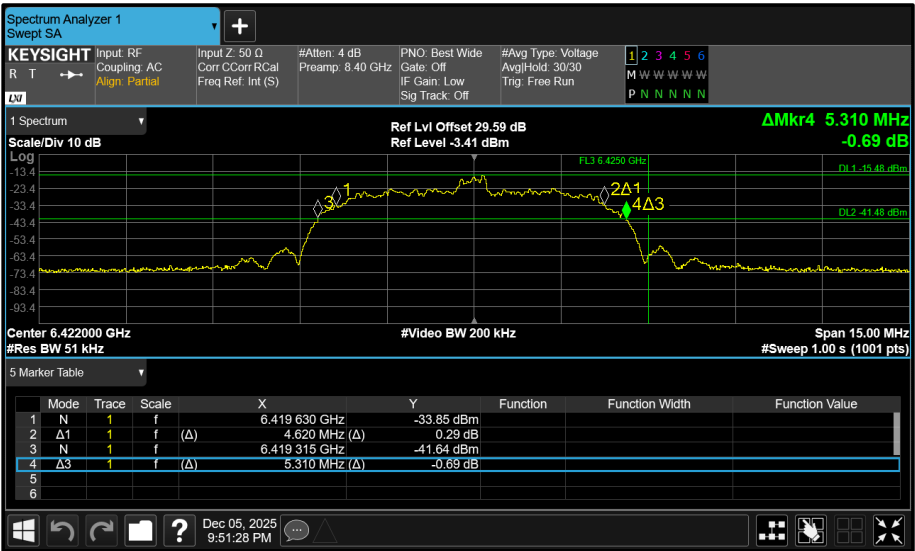


Figure 157 - Core 0 (A) 6422 MHz (CH121) 26 dB and 99% Bandwidth

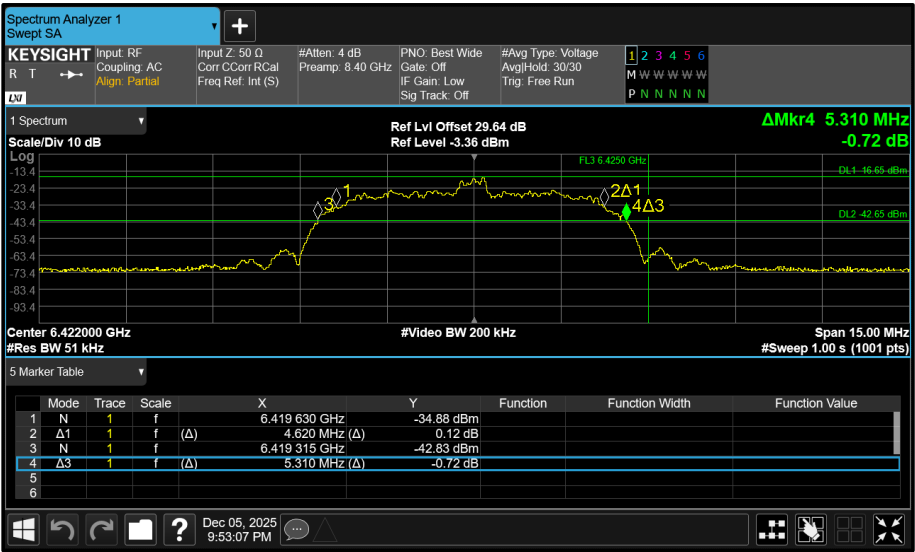


Figure 158 - Core 1 (B) 6422 MHz (CH121) 26 dB and 99% Bandwidth

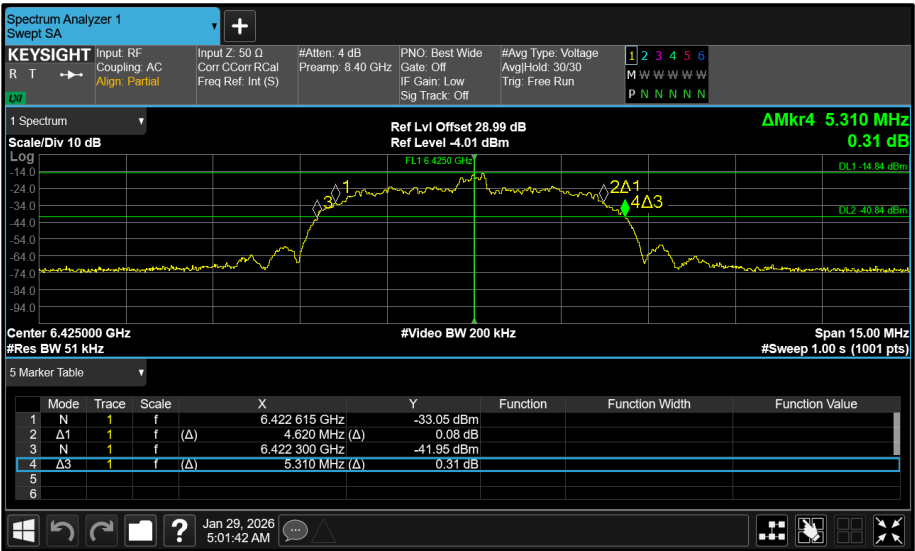


Figure 159 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

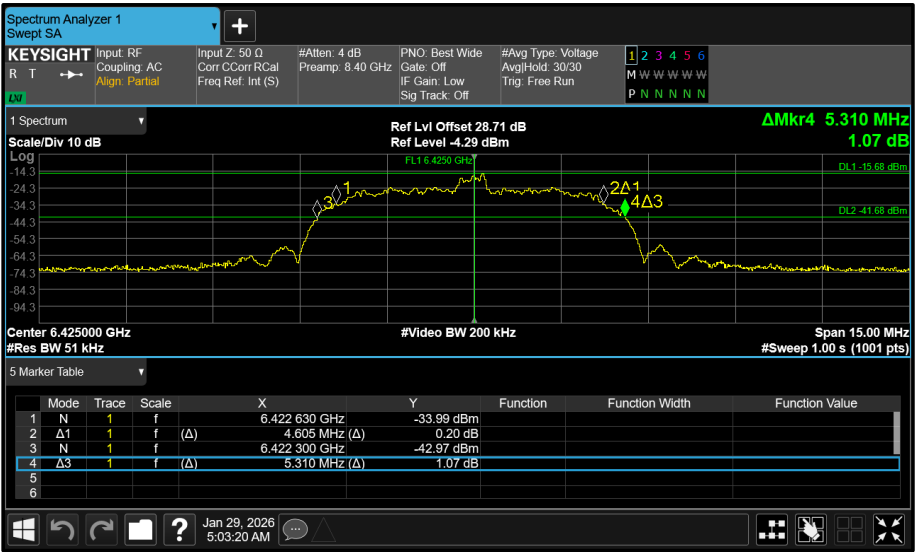


Figure 160 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a) (11) RSS-248 4.4	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA 16QAM (HDT6)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	2.816	2.808	-	-	≥320.0
6265	2.808	2.808	-	-	≥320.0
6423	2.816	2.808	-	-	≥320.0
6425	2.816	2.808	-	-	≥320.0

Table 71 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	2.408	2.408	-	-	≥320.0
6265	2.400	2.400	-	-	≥320.0
6423	2.400	2.400	-	-	≥320.0
6425	2.400	2.400	-	-	≥320.0

Table 72 - 99% Bandwidth Results

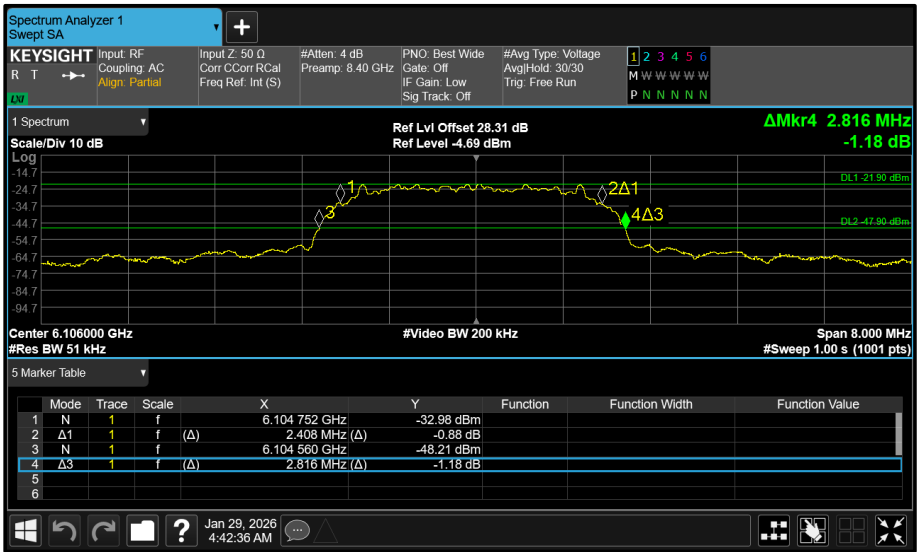


Figure 161 - Core 0 (A) 6106 MHz (CH55) 26 dB and 99% Bandwidth

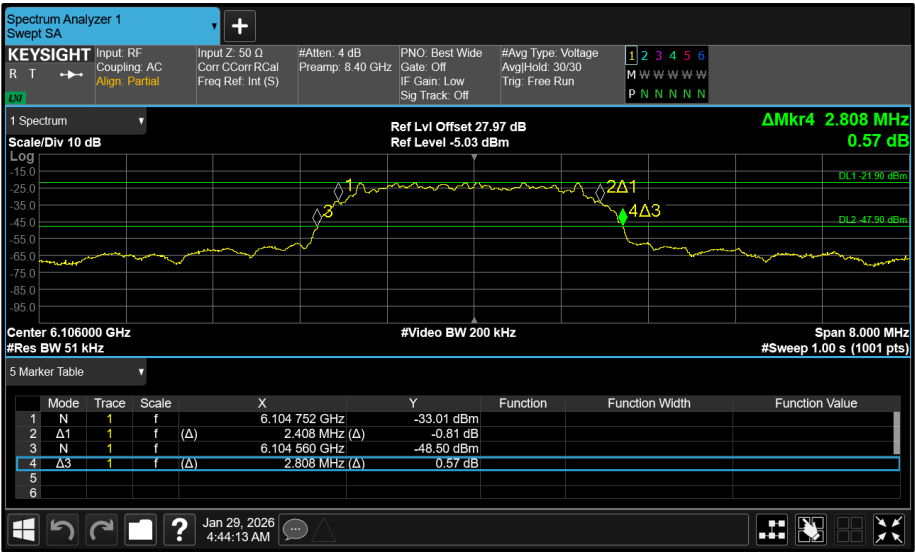


Figure 162 - Core 1 (B) 6106 MHz (CH55) 26 dB and 99% Bandwidth

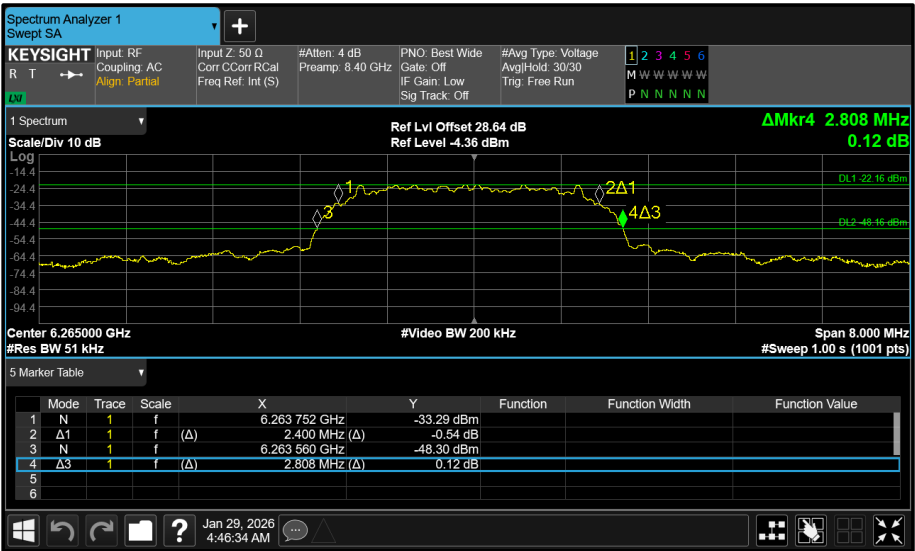


Figure 163 - Core 0 (A) 6265 MHz (CH89) 26 dB and 99% Bandwidth

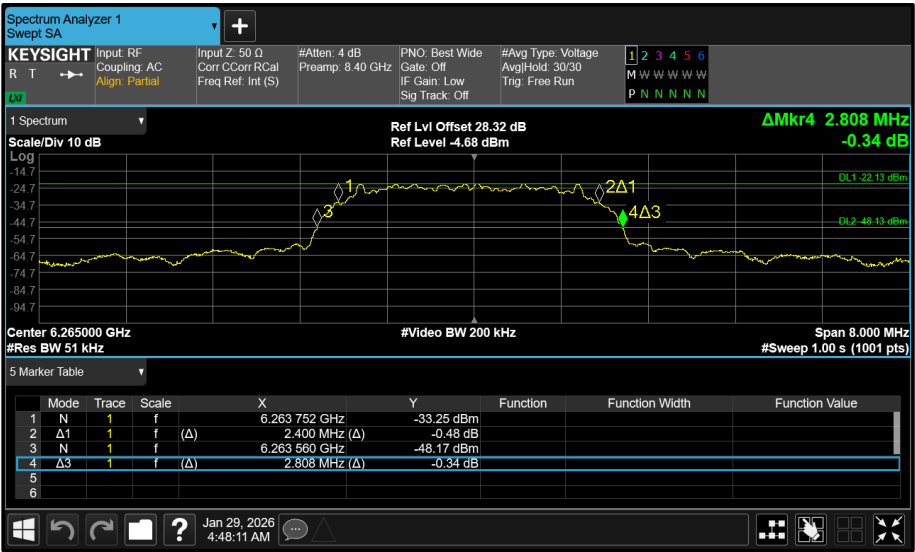


Figure 164 - Core 1 (B) 6265 MHz (CH89) 26 dB and 99% Bandwidth

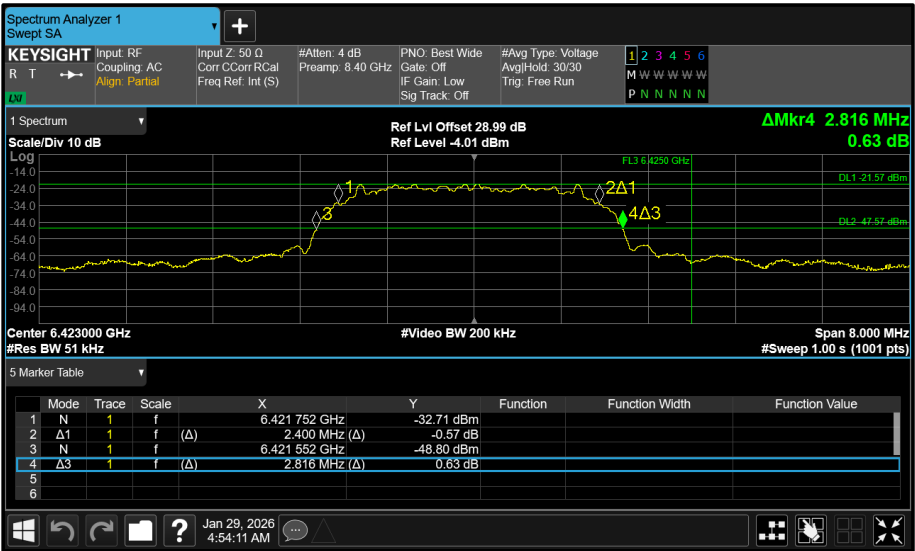


Figure 165 - Core 0 (A) 6423 MHz (CH122) 26 dB and 99% Bandwidth

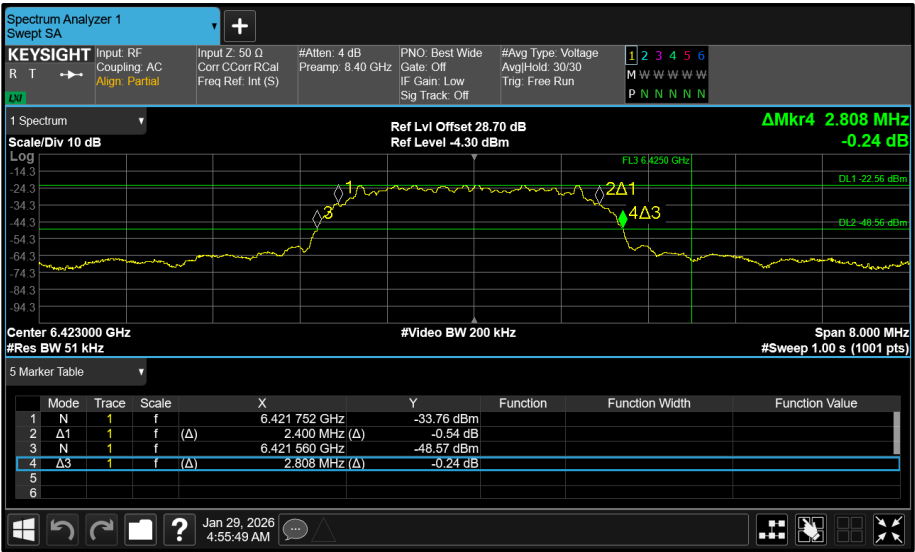


Figure 166 - Core 1 (B) 6423 MHz (CH122) 26 dB and 99% Bandwidth

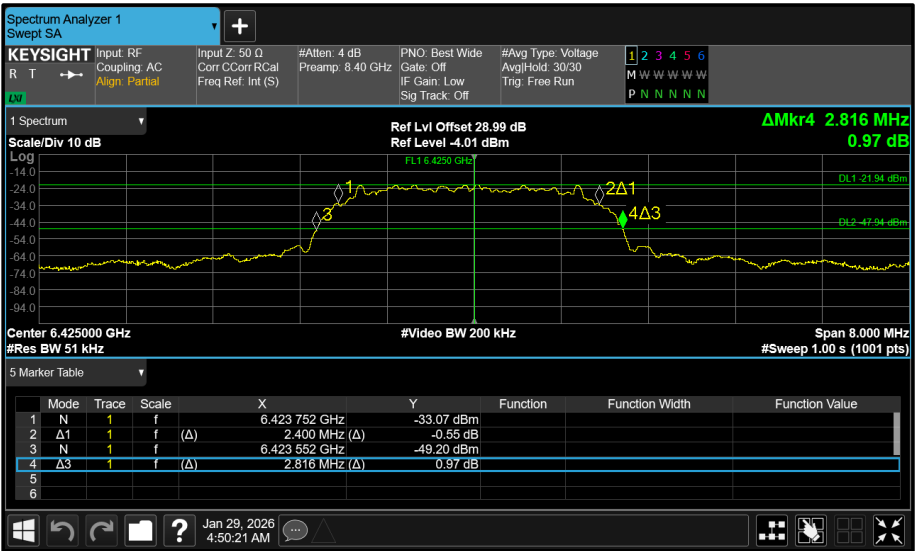
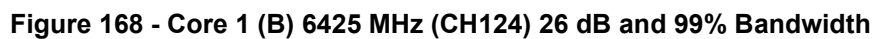
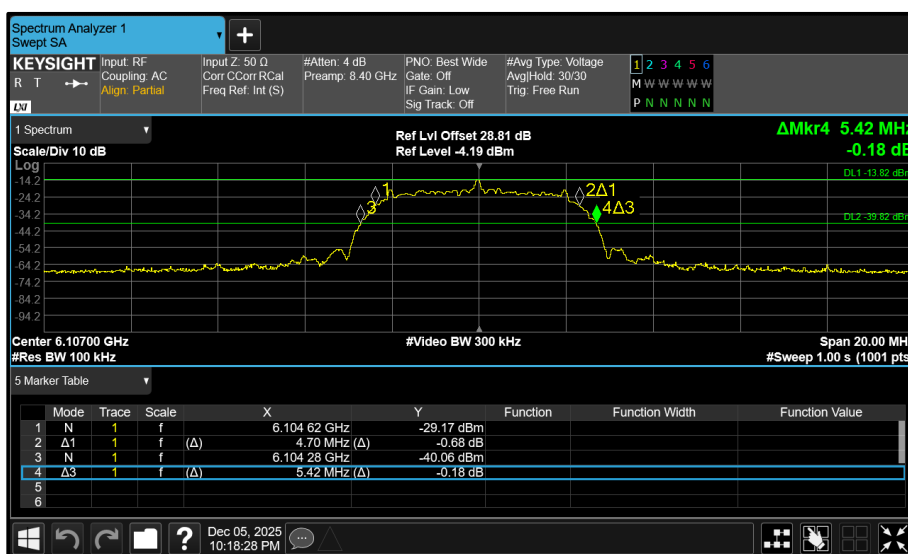


Figure 167 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth



Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6107	5.420	5.420	-	-	≤320.0
6265	5.420	5.400	-	-	≤320.0
6422	5.420	5.400	-	-	≤320.0
6425	5.420	5.420	-	-	≥320.0

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6107	4.700	4.700	-	-	≤320.0
6265	4.700	4.700	-	-	≤320.0
6422	4.700	4.700	-	-	≤320.0
6425	4.700	4.700	-	-	≤320.0



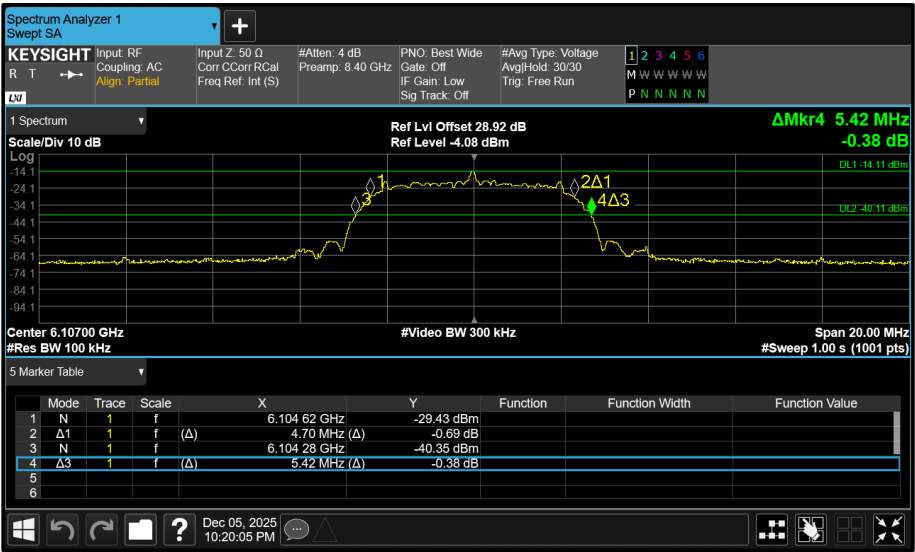


Figure 170 - Core 1 (B) 6107 MHz (CH56) 26 dB and 99% Bandwidth

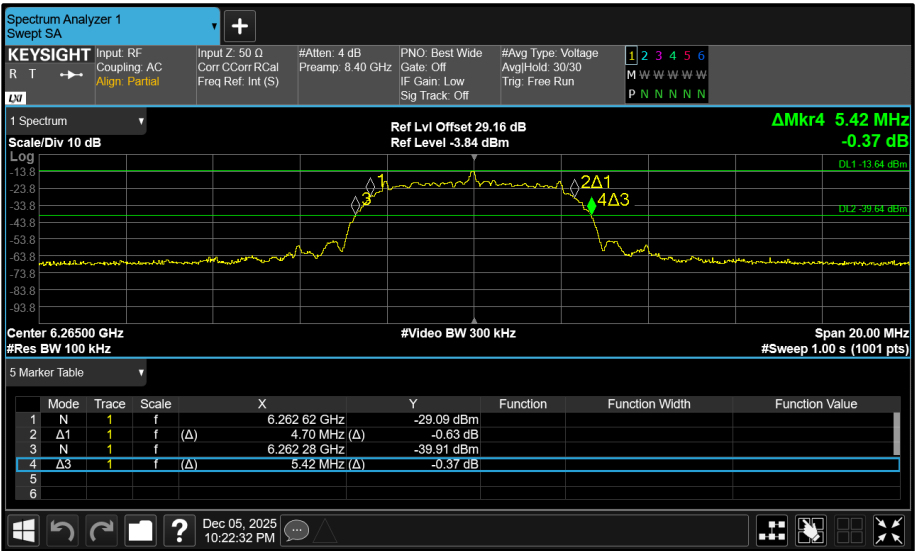


Figure 171 - Core 0 (A) 6265 MHz (CH89) 26 dB and 99% Bandwidth

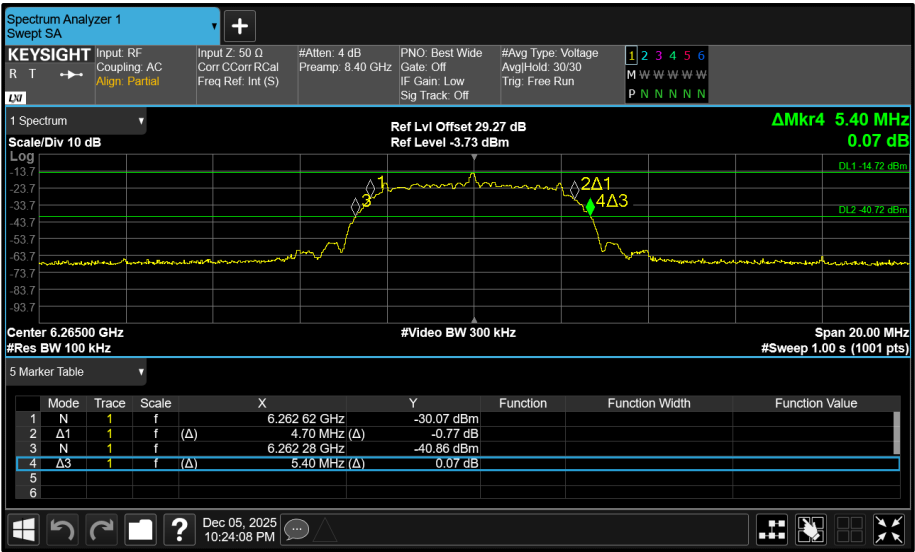


Figure 172 - Core 1 (B) 6265 MHz (CH89) 26 dB and 99% Bandwidth

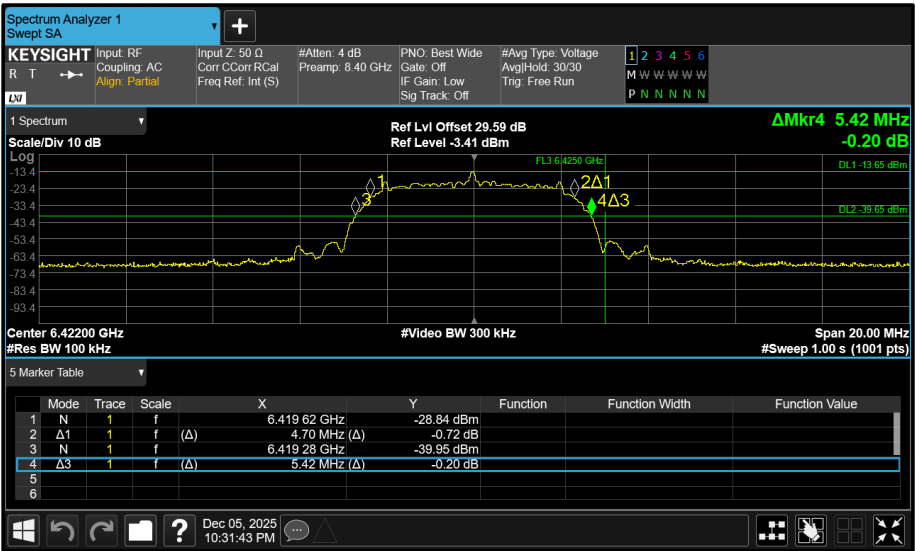


Figure 173 - Core 0 (A) 6422 MHz (CH121) 26 dB and 99% Bandwidth

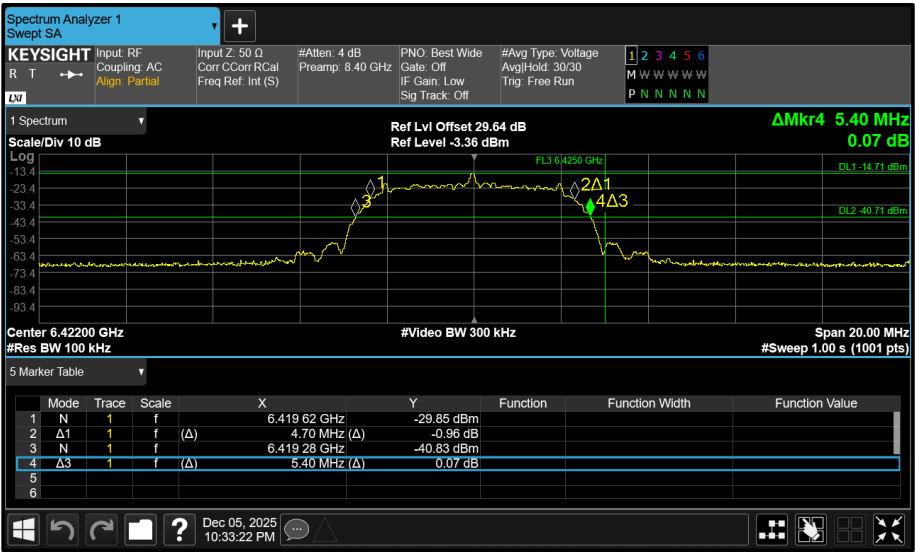


Figure 174 - Core 1 (B) 6422 MHz (CH121) 26 dB and 99% Bandwidth

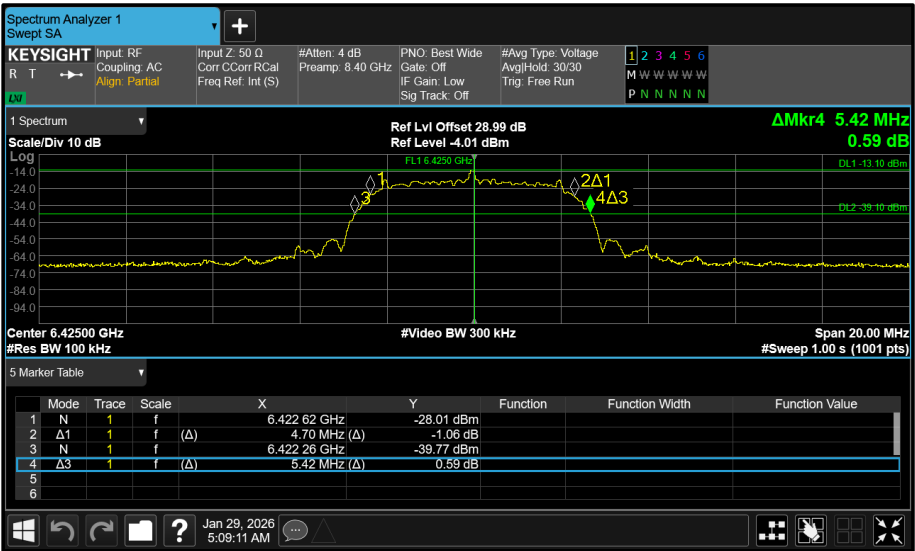


Figure 175 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

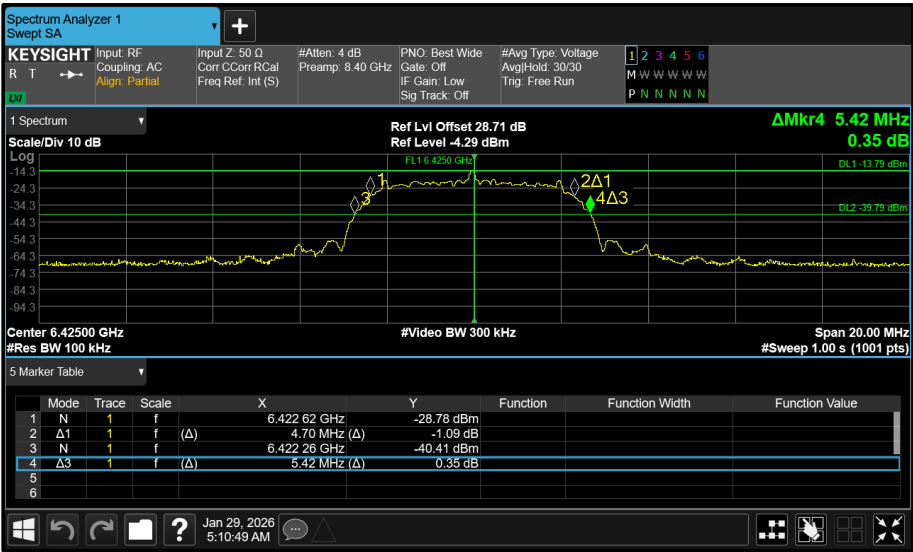


Figure 176 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth

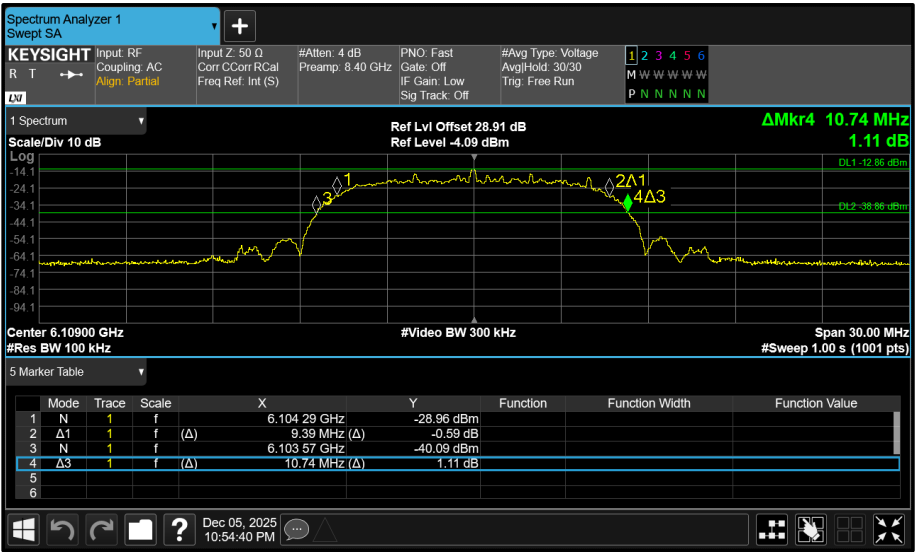


Figure 178 - Core 1 (B) 6109 MHz (CH58) 26 dB and 99% Bandwidth

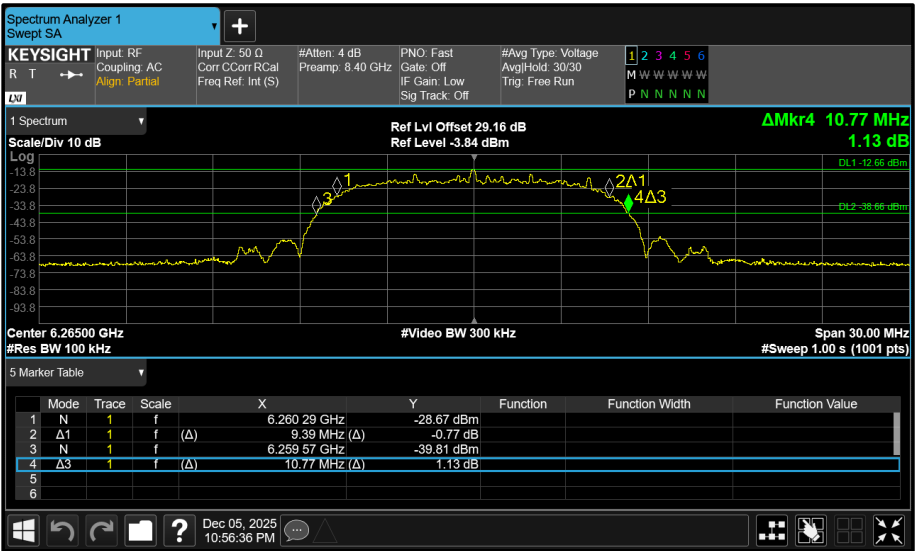


Figure 179 - Core 0 (A) 6265 MHz (CH89) 26 dB and 99% Bandwidth

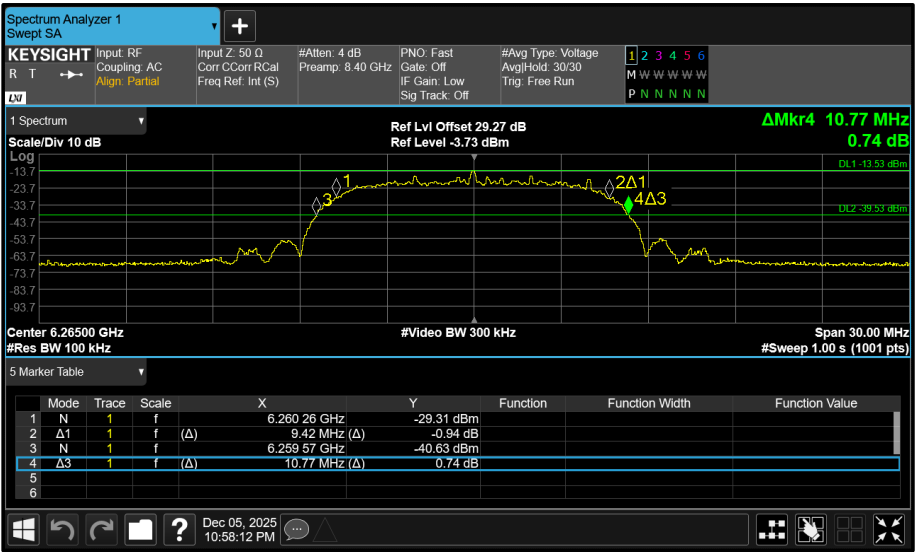


Figure 180 - Core 1 (B) 6265 MHz (CH89) 26 dB and 99% Bandwidth

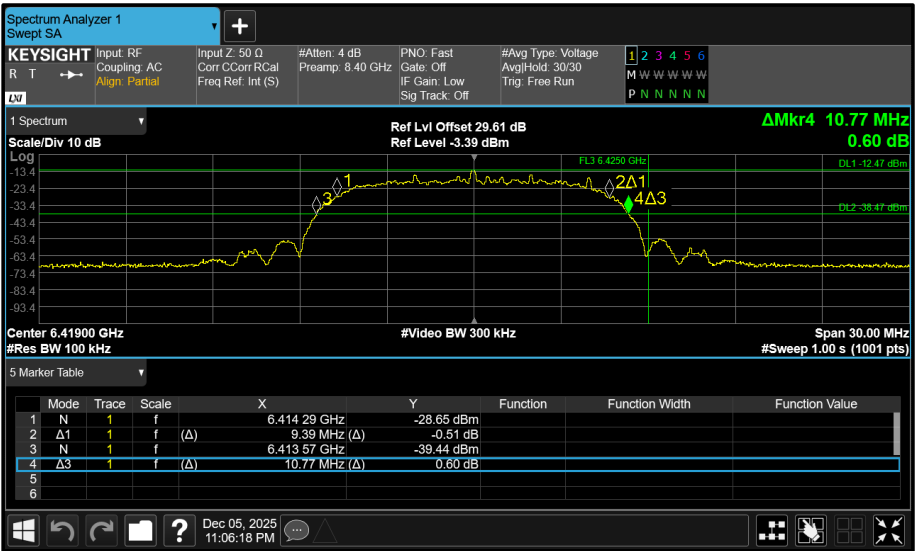


Figure 181 - Core 0 (A) 6419 MHz (CH118) 26 dB and 99% Bandwidth

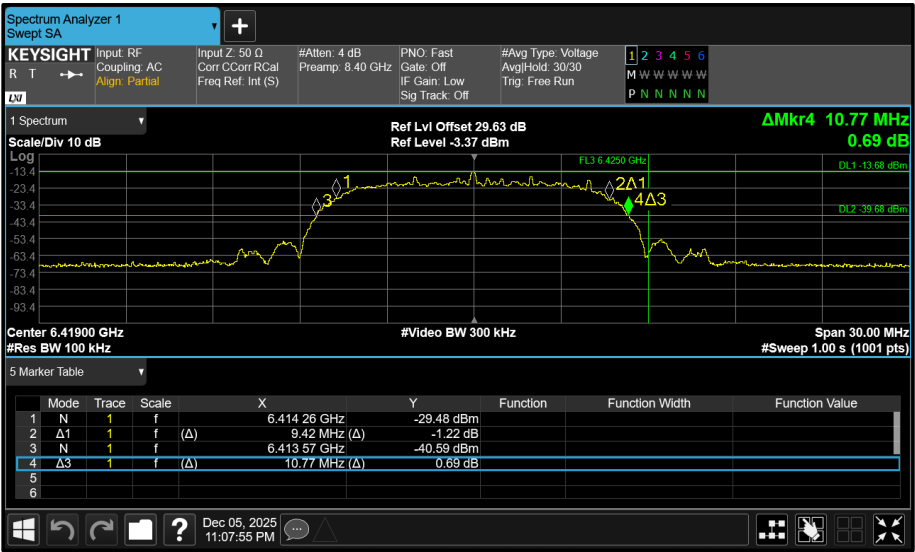


Figure 182 - Core 1 (B) 6419 MHz (CH118) 26 dB and 99% Bandwidth

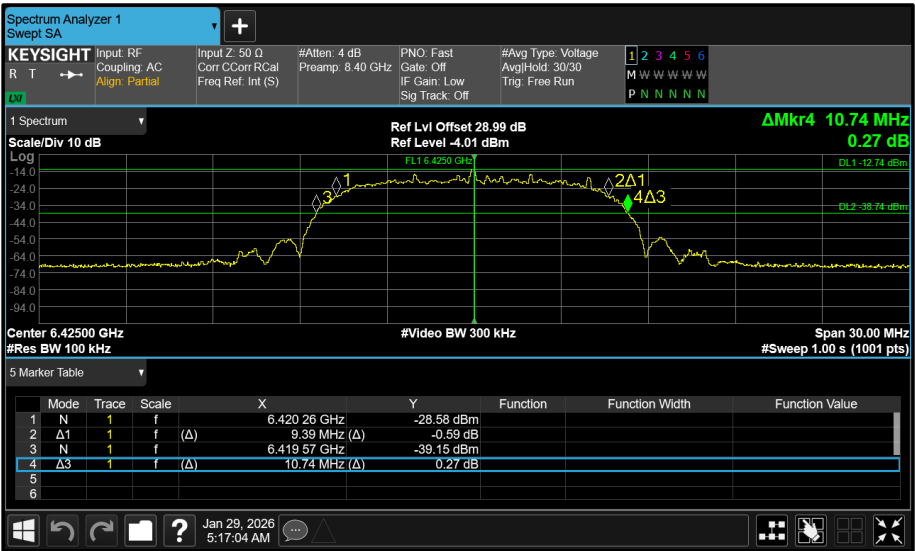


Figure 183 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

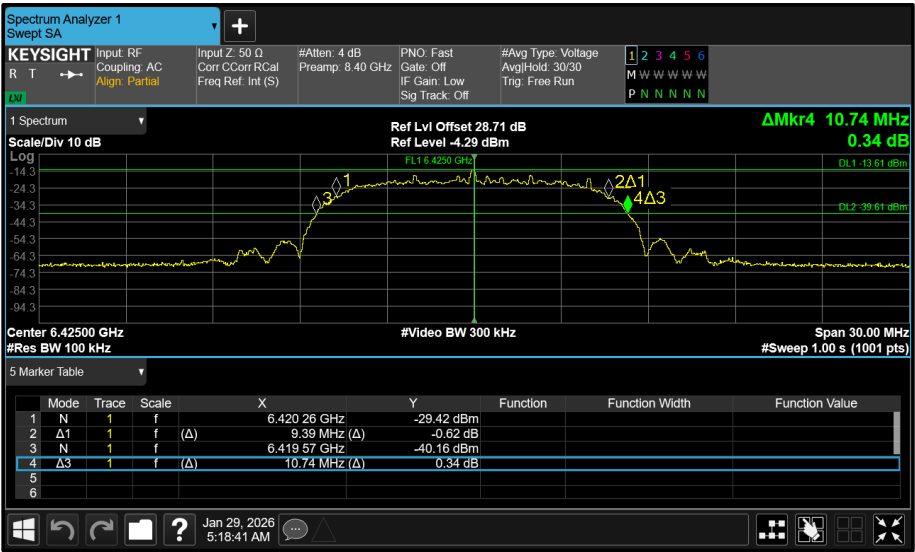
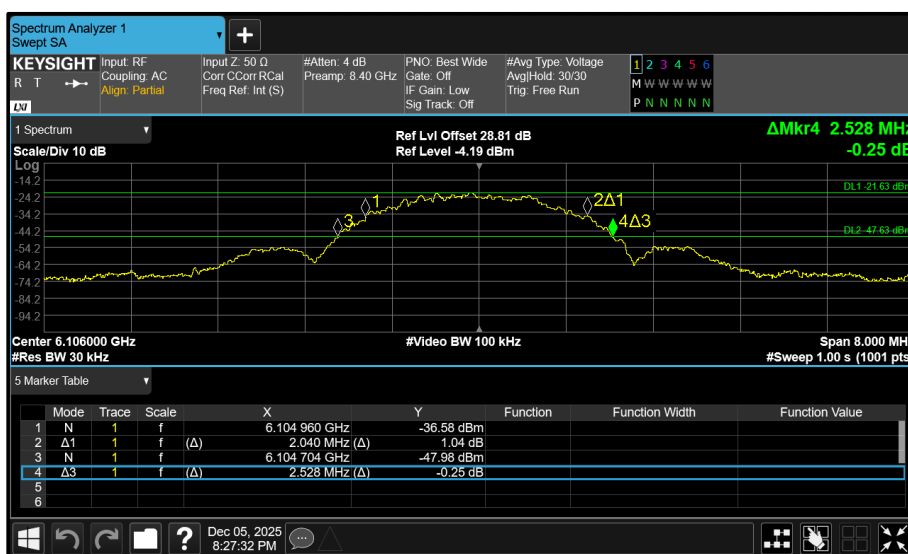


Figure 184 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	2.528	2.536	-	-	≤320.0
6265	2.528	2.536	-	-	≤320.0
6423	2.528	2.528	-	-	≤320.0
6425	2.528	2.536	-	-	≤320.0

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	2.040	2.040	-	-	≤320.0
6265	2.040	2.040	-	-	≤320.0
6423	2.040	2.040	-	-	≤320.0
6425	2.040	2.040	-	-	≤320.0



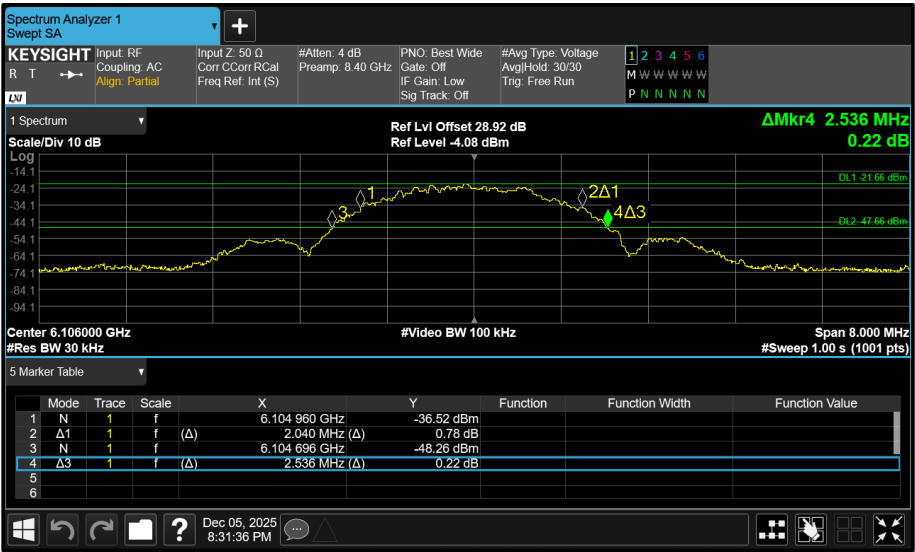


Figure 186 - Core 1 (B) 6106 MHz (CH55) 26 dB and 99% Bandwidth

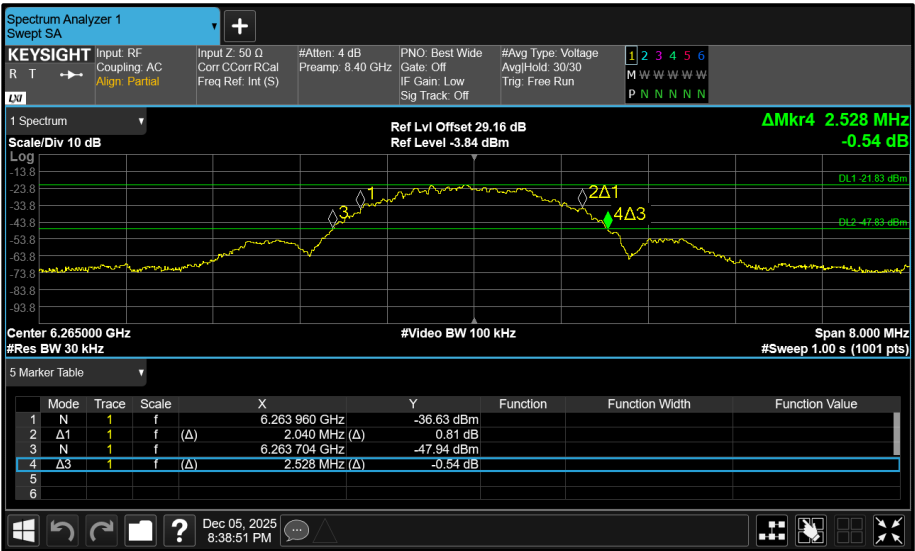
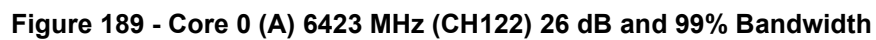
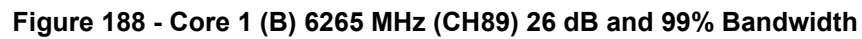


Figure 187 - Core 0 (A) 6265 MHz (CH89) 26 dB and 99% Bandwidth



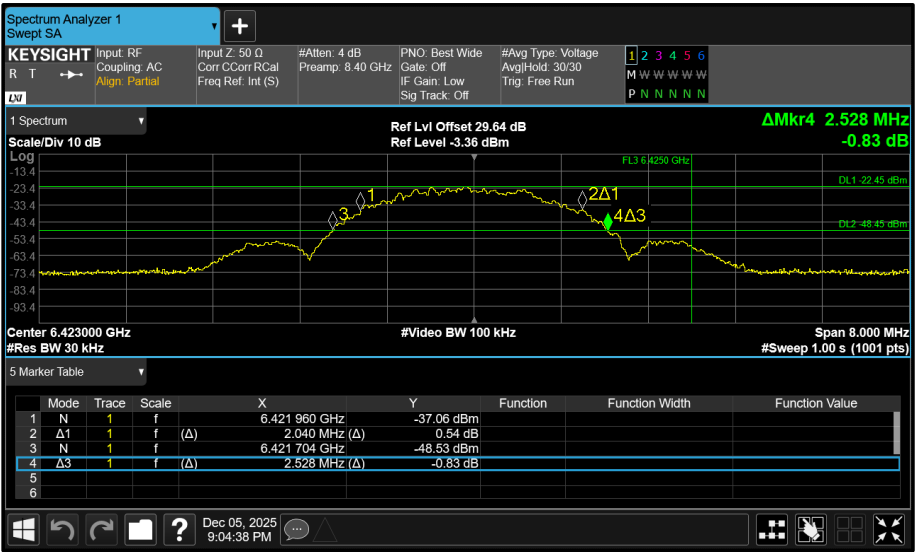


Figure 190 - Core 1 (B) 6423 MHz (CH122) 26 dB and 99% Bandwidth

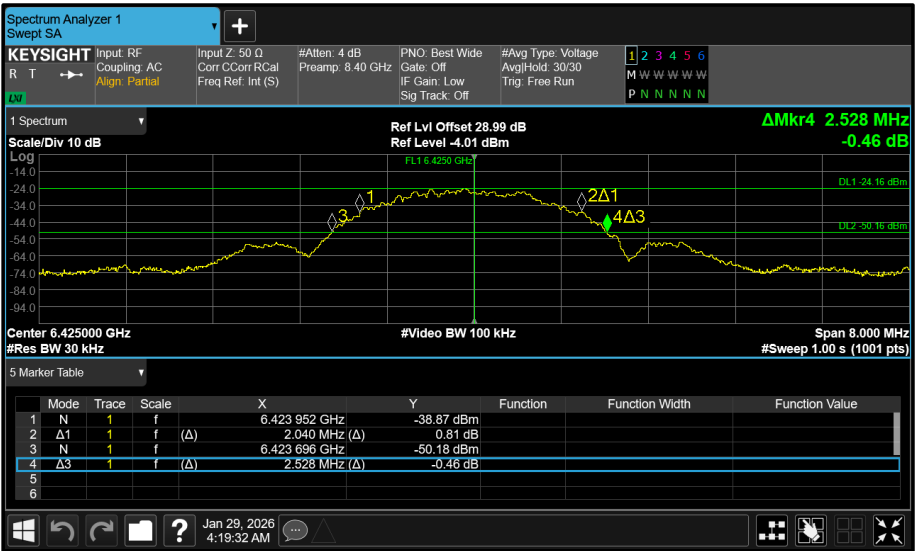


Figure 191 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

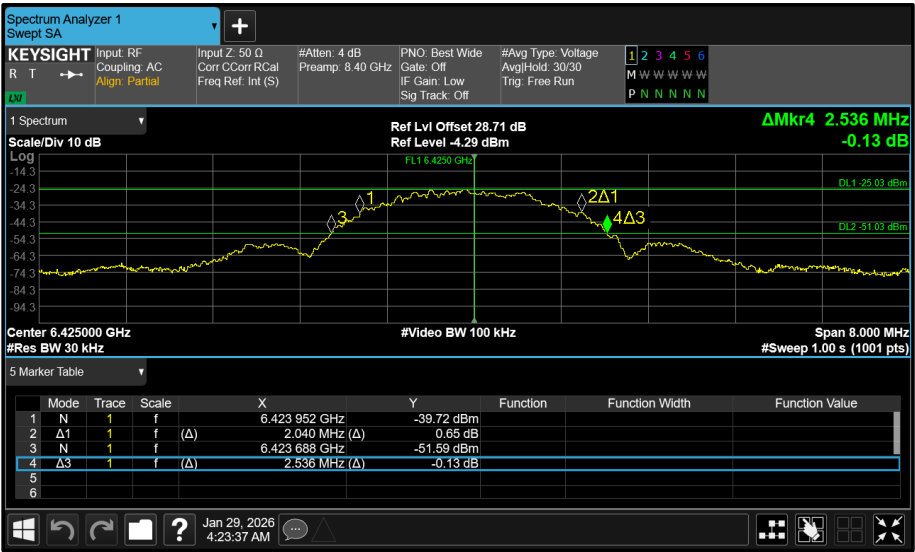


Figure 192 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth

FCC Part 15E, Limit Clause 15.407 (a)(10)

The maximum transmitter channel bandwidth for U–NII devices in the 5.925–7.125 GHz band is 320 megahertz.

ISED RSS-248, Limit Clause 4.4

The occupied bandwidth shall not exceed 320 MHz.



2.1.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 14 and RF Laboratory 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	02-Jan-2027
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
Humidity & Temperature meter	R.S Components	1364	6148	12	28-Aug-2026
MXA Signal Analyser	Keysight Technologies	N9020B	6417	24	14-Oct-2027
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	17-Mar-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	14-Mar-2026
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	27-Feb-2026
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	29-Nov-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	29-Nov-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	29-Nov-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	27-Feb-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	27-Feb-2026
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6752	12	14-Mar-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6753	12	14-Mar-2026
Humidity & Temperature meter	Fluke	971	7103	12	05-Aug-2026
Multimeter	Fluke	115	7115	12	13-Aug-2026

Table 79

O/P Mon - Output Monitored using calibrated equipment



2.2 Maximum Conducted Output Power

2.2.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-248, Clause 4.5
ISED-GEN, Clause 6.12

2.2.2 Equipment Under Test and Modification State

A3429, S/N: CN4XJK3W6Y - Modification State 0
A3429, S/N: CWQ5X7R35N - Modification State 0

2.2.3 Date of Test

04-December-2025 to 29-January-2026

2.2.4 Test Method

Testing was performed in accordance with either KDB 789033 clause E.3b when employing a gated RF average power meter or KDB 789033 clause 2 d) when Trace averaging using a Spectrum Analyzer.

For SISO modes the antenna gain was added to the conducted power for each respective core.

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

TxBF uses 1 spatial stream over 2 transmit cores. Therefore the signal was correlated and the gain was calculated in accordance with clause F)2)d)(i) for correlated signals with unequal antenna gains and equal transmit powers. The formula reduces to:

$$\text{TxBF Directional Gain} = 10 \cdot \log((10^{(G_1/20)} + 10^{(G_2/20)})^{2/2})$$

This results in the following gain calculations for output power:

Frequency Range (MHz)	Core 0 Peak Gain (dBi)	Core 1 Peak Gain (dBi)	TxBF Directional Gain (dBi)
6106-6425	2.10	6.50	7.59

2.2.5 Environmental Conditions

Ambient Temperature 23.2 - 24.6 °C
Relative Humidity 37.4 - 45.5 %



2.2.6 Test Results

Narrowband

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.4
Antenna Configuration:	SISO	DCCF (dB):	1.17
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-9.57	-	-	-	-9.57	-7.57	14.00	-21.57
6265	-9.96	-	-	-	-9.96	-7.86	14.00	-21.86
6424	-9.88	-	-	-	-9.88	-6.78	14.00	-20.78
6425	-9.86	-	-	-	-9.86	-6.76	14.00	-20.76

Table 80 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	77.6
Antenna Configuration:	SISO	DCCF (dB):	1.10
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-6.13	-	-	-	-6.13	-4.13	14.00	-18.13
6265	-6.05	-	-	-	-6.05	-3.95	14.00	-17.95
6422	-6.37	-	-	-	-6.37	-3.27	14.00	-17.27
6425	-5.79	-	-	-	-5.79	-2.69	14.00	-16.69

Table 81 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 16QAM (HDT6)	Duty Cycle (%):	90.2
Antenna Configuration:	SISO	DCCF (dB):	0.45
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-8.19	-	-	-	-8.19	-6.19	14.00	-20.19
6265	-8.13	-	-	-	-8.13	-6.03	14.00	-20.03
6423	-8.49	-	-	-	-8.49	-5.39	14.00	-19.39
6425	-7.83	-	-	-	-7.83	-4.73	14.00	-18.73

Table 82 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 16QAM (HDRPM12)	Duty Cycle (%):	93.1
Antenna Configuration:	SISO	DCCF (dB):	0.31
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6107	-5.93	-	-	-	-5.93	-3.93	14.00	-17.93
6265	-5.93	-	-	-	-5.93	-3.83	14.00	-17.83
6422	-5.20	-	-	-	-5.20	-2.10	14.00	-16.10
6425	-5.26	-	-	-	-5.26	-2.16	14.00	-16.16

Table 83 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA QPSK (HDRPL8)	Duty Cycle (%):	94.6
Antenna Configuration:	SISO	DCCF (dB):	0.24
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6109	-2.17	-	-	-	-2.17	-0.17	14.00	-14.17
6265	-2.17	-	-	-	-2.17	-0.07	14.00	-14.07
6419	-2.26	-	-	-	-2.26	0.84	14.00	-13.16
6425	-2.13	-	-	-	-2.13	0.97	14.00	-13.03

Table 84 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 2M)	Duty Cycle (%):	56.7
Antenna Configuration:	SISO	DCCF (dB):	2.46
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-8.82	-	-	-	-8.82	-6.82	14.00	-20.82
6265	-9.21	-	-	-	-9.21	-7.11	14.00	-21.11
6423	-9.08	-	-	-	-9.08	-5.98	14.00	-19.98
6425	-9.07	-	-	-	-9.07	-5.97	14.00	-19.97

Table 85 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.3
Antenna Configuration:	SISO	DCCF (dB):	1.17
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-	-12.98	-	-	-12.98	-6.48	14.00	-20.48
6265	-	-13.20	-	-	-13.20	-6.70	14.00	-20.70
6424	-	-12.98	-	-	-12.98	-7.58	14.00	-21.58
6425	-	-13.17	-	-	-13.17	-7.77	14.00	-21.77

Table 86 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	77.6
Antenna Configuration:	SISO	DCCF (dB):	1.10
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-	-9.57	-	-	-9.57	-3.07	14.00	-17.07
6265	-	-9.22	-	-	-9.22	-2.72	14.00	-16.72
6422	-	-9.31	-	-	-9.31	-3.91	14.00	-17.91
6425	-	-9.23	-	-	-9.23	-3.83	14.00	-17.83

Table 87 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 16QAM (HDT6)	Duty Cycle (%):	88.7
Antenna Configuration:	SISO	DCCF (dB):	0.52
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-	-10.74	-	-	-10.74	-4.24	14.00	-18.24
6265	-	-10.93	-	-	-10.93	-4.43	14.00	-18.43
6423	-	-10.65	-	-	-10.65	-5.25	14.00	-19.25
6425	-	-10.78	-	-	-10.78	-5.38	14.00	-19.38

Table 88 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA 16QAM (HDRPM12)	Duty Cycle (%):	93.1
Antenna Configuration:	SISO	DCCF (dB):	0.31
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6107	-	-8.42	-	-	-8.42	-1.92	14.00	-15.92
6265	-	-8.34	-	-	-8.34	-1.84	14.00	-15.84
6422	-	-8.05	-	-	-8.05	-2.65	14.00	-16.65
6425	-	-8.22	-	-	-8.22	-2.82	14.00	-16.82

Table 89 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA QPSK (HDRPL8)	Duty Cycle (%):	94.6
Antenna Configuration:	SISO	DCCF (dB):	0.24
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6109	-	-5.50	-	-	-5.50	1.00	14.00	-13.00
6265	-	-5.36	-	-	-5.36	1.14	14.00	-12.86
6419	-	-5.06	-	-	-5.06	0.34	14.00	-13.66
6425	-	-5.20	-	-	-5.20	0.20	14.00	-13.80

Table 90 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	iPA GFSK (LE 2M)	Duty Cycle (%):	56.7
Antenna Configuration:	SISO	DCCF (dB):	2.46
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-	-11.80	-	-	-11.80	-5.30	14.00	-19.30
6265	-	-11.92	-	-	-11.92	-5.42	14.00	-19.42
6423	-	-11.99	-	-	-11.99	-6.59	14.00	-20.59
6425	-	-11.92	-	-	-11.92	-6.52	14.00	-20.52

Table 91 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA GFSK (DH5)	Duty Cycle (%):	76.4
Antenna Configuration:	SISO	DCCF (dB):	1.17
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-9.74	-	-	-	-9.74	-7.74	14.00	-21.74
6265	-9.86	-	-	-	-9.86	-7.76	14.00	-21.76
6424	-9.83	-	-	-	-9.83	-6.73	14.00	-20.73
6425	-9.68	-	-	-	-9.68	-6.58	14.00	-20.58

Table 92 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	77.5
Antenna Configuration:	SISO	DCCF (dB):	1.11
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-6.32	-	-	-	-6.32	-4.32	14.00	-18.32
6265	-6.12	-	-	-	-6.12	-4.02	14.00	-18.02
6422	-6.08	-	-	-	-6.08	-2.98	14.00	-16.98
6425	-6.01	-	-	-	-6.01	-2.91	14.00	-16.91

Table 93 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA 16QAM (HDT6)	Duty Cycle (%):	90.4
Antenna Configuration:	SISO	DCCF (dB):	0.44
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-8.51	-	-	-	-8.51	-6.51	14.00	-20.51
6265	-7.79	-	-	-	-7.79	-5.69	14.00	-19.69
6423	-8.21	-	-	-	-8.21	-5.11	14.00	-19.11
6425	-7.84	-	-	-	-7.84	-4.74	14.00	-18.74

Table 94 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA 16QAM (HDRPM12)	Duty Cycle (%):	93.2
Antenna Configuration:	SISO	DCCF (dB):	0.31
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6107	-5.43	-	-	-	-5.43	-3.43	14.00	-17.43
6265	-5.42	-	-	-	-5.42	-3.32	14.00	-17.32
6422	-5.50	-	-	-	-5.50	-2.40	14.00	-16.40
6425	-5.11	-	-	-	-5.11	-2.01	14.00	-16.01

Table 95 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA QPSK (HDRPL8)	Duty Cycle (%):	94.6
Antenna Configuration:	SISO	DCCF (dB):	0.24
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6109	-1.75	-	-	-	-1.75	0.25	14.00	-13.75
6265	-2.68	-	-	-	-2.68	-0.58	14.00	-14.58
6419	-2.47	-	-	-	-2.47	0.63	14.00	-13.37
6425	-1.76	-	-	-	-1.76	1.34	14.00	-12.66

Table 96 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA GFSK (LE 2M)	Duty Cycle (%):	56.7
Antenna Configuration:	SISO	DCCF (dB):	2.46
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-9.22	-	-	-	-9.22	-7.22	14.00	-21.22
6265	-9.23	-	-	-	-9.23	-7.13	14.00	-21.13
6423	-9.12	-	-	-	-9.12	-6.02	14.00	-20.02
6425	-8.99	-	-	-	-8.99	-5.89	14.00	-19.89

Table 97 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA GFSK (DH5)	Duty Cycle (%):	76.4
Antenna Configuration:	SISO	DCCF (dB):	1.17
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-	-13.22	-	-	-13.22	-6.72	14.00	-20.72
6265	-	-13.13	-	-	-13.13	-6.63	14.00	-20.63
6424	-	-13.25	-	-	-13.25	-7.85	14.00	-21.85
6425	-	-12.94	-	-	-12.94	-7.54	14.00	-21.54

Table 98 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	77.6
Antenna Configuration:	SISO	DCCF (dB):	1.10
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-	-9.37	-	-	-9.37	-2.87	14.00	-16.87
6265	-	-9.04	-	-	-9.04	-2.54	14.00	-16.54
6422	-	-9.40	-	-	-9.40	-4.00	14.00	-18.00
6425	-	-9.02	-	-	-9.02	-3.62	14.00	-17.62

Table 99 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA 16QAM (HDT6)	Duty Cycle (%):	88.6
Antenna Configuration:	SISO	DCCF (dB):	0.52
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-	-10.55	-	-	-10.55	-4.05	14.00	-18.05
6265	-	-10.83	-	-	-10.83	-4.33	14.00	-18.33
6423	-	-10.91	-	-	-10.91	-5.51	14.00	-19.51
6425	-	-10.86	-	-	-10.86	-5.46	14.00	-19.46

Table 100 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA 16QAM (HDRPM12)	Duty Cycle (%):	93.2
Antenna Configuration:	SISO	DCCF (dB):	0.31
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6107	-	-8.65	-	-	-8.65	-2.15	14.00	-16.15
6265	-	-8.21	-	-	-8.21	-1.71	14.00	-15.71
6422	-	-8.71	-	-	-8.71	-3.31	14.00	-17.31
6425	-	-8.41	-	-	-8.41	-3.01	14.00	-17.01

Table 101 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA QPSK (HDRPL8)	Duty Cycle (%):	94.7
Antenna Configuration:	SISO	DCCF (dB):	0.24
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6109	-	-5.74	-	-	-5.74	0.76	14.00	-13.24
6265	-	-5.31	-	-	-5.31	1.19	14.00	-12.81
6419	-	-5.65	-	-	-5.65	-0.25	14.00	-14.25
6425	-	-5.35	-	-	-5.35	0.05	14.00	-13.95

Table 102 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.4.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	ePA GFSK (LE 2M)	Duty Cycle (%):	56.7
Antenna Configuration:	SISO	DCCF (dB):	2.46
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-	-12.24	-	-	-12.24	-5.74	14.00	-19.74
6265	-	-11.99	-	-	-11.99	-5.49	14.00	-19.49
6423	-	-12.23	-	-	-12.23	-6.83	14.00	-20.83
6425	-	-12.01	-	-	-12.01	-6.61	14.00	-20.61

Table 103 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 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 (%):	100.0
Antenna Configuration:	Beamforming	DCCF (dB):	0.00
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-17.74	-18.33	-	-	-15.02	-7.47	14.00	-21.47
6265	-17.33	-17.40	-	-	-14.35	-6.77	14.00	-20.77
6424	-17.76	-17.44	-	-	-14.59	-7.25	14.00	-21.25
6425	-17.64	-17.49	-	-	-14.56	-7.22	14.00	-21.22

Table 104 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 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 (%):	77.4
Antenna Configuration:	Beamforming	DCCF (dB):	1.11
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-14.03	-14.57	-	-	-11.28	-3.73	14.00	-17.73
6265	-13.93	-14.20	-	-	-11.05	-3.46	14.00	-17.46
6422	-14.30	-14.37	-	-	-11.33	-3.99	14.00	-17.99
6425	-14.29	-13.93	-	-	-11.10	-3.76	14.00	-17.76

Table 105 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	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 16QAM (HDT6)	Duty Cycle (%):	90.9
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-15.37	-15.48	-	-	-12.41	-4.87	14.00	-18.87
6265	-15.68	-15.45	-	-	-12.55	-4.97	14.00	-18.97
6423	-15.82	-15.42	-	-	-12.61	-5.27	14.00	-19.27
6425	-15.67	-15.31	-	-	-12.47	-5.14	14.00	-19.14

Table 106 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 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 16QAM (HDRPM12)	Duty Cycle (%):	92.2
Antenna Configuration:	Beamforming	DCCF (dB):	0.35
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6107	-13.00	-13.51	-	-	-10.24	-2.69	14.00	-16.69
6265	-12.87	-13.15	-	-	-10.00	-2.41	14.00	-16.41
6422	-13.19	-13.13	-	-	-10.15	-2.82	14.00	-16.82
6425	-13.25	-12.94	-	-	-10.08	-2.74	14.00	-16.74

Table 107 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 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 QPSK (HDRPL8)	Duty Cycle (%):	94.6
Antenna Configuration:	Beamforming	DCCF (dB):	0.24
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6109	-10.46	-10.99	-	-	-7.71	-0.16	14.00	-14.16
6265	-10.33	-10.63	-	-	-7.47	0.12	14.00	-13.88
6419	-9.70	-9.58	-	-	-6.63	0.71	14.00	-13.29
6425	-10.04	-9.72	-	-	-6.87	0.47	14.00	-13.53

Table 108 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 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 (LE 2M)	Duty Cycle (%):	100.0
Antenna Configuration:	Beamforming	DCCF (dB):	0.00
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-16.80	-16.80	-	-	-13.79	-6.24	14.00	-20.24
6265	-17.65	-17.31	-	-	-14.47	-6.88	14.00	-20.88
6423	-17.14	-16.83	-	-	-13.97	-6.64	14.00	-20.64
6425	-16.97	-16.83	-	-	-13.89	-6.55	14.00	-20.55

Table 109 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 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 GFSK (DH5)	Duty Cycle (%):	100.0
Antenna Configuration:	Beamforming	DCCF (dB):	0.00
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-17.59	-17.80	-	-	-14.68	-7.14	14.00	-21.14
6265	-17.75	-17.78	-	-	-14.75	-7.17	14.00	-21.17
6424	-17.39	-18.17	-	-	-14.75	-7.42	14.00	-21.42
6425	-17.35	-18.84	-	-	-15.02	-7.68	14.00	-21.68

Table 110 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 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 (%):	77.3
Antenna Configuration:	Beamforming	DCCF (dB):	1.12
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-14.07	-14.39	-	-	-11.21	-3.67	14.00	-17.67
6265	-14.31	-14.92	-	-	-11.59	-4.01	14.00	-18.01
6422	-14.09	-15.21	-	-	-11.60	-4.27	14.00	-18.27
6425	-13.70	-14.46	-	-	-11.05	-3.71	14.00	-17.71

Table 111 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	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 16QAM (HDT6)	Duty Cycle (%):	91.2
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-15.34	-15.22	-	-	-12.27	-4.72	14.00	-18.72
6265	-15.57	-15.46	-	-	-12.51	-4.92	14.00	-18.92
6423	-15.16	-16.03	-	-	-12.57	-5.23	14.00	-19.23
6425	-15.44	-15.95	-	-	-12.68	-5.34	14.00	-19.34

Table 112 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 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 16QAM (HDRPM12)	Duty Cycle (%):	92.5
Antenna Configuration:	Beamforming	DCCF (dB):	0.34
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6107	-13.10	-13.49	-	-	-10.28	-2.73	14.00	-16.73
6265	-13.05	-13.98	-	-	-10.48	-2.90	14.00	-16.90
6422	-12.99	-14.14	-	-	-10.52	-3.18	14.00	-17.18
6425	-12.91	-13.59	-	-	-10.23	-2.89	14.00	-16.89

Table 113 - EIRP Output Power Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 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 QPSK (HDRPL8)	Duty Cycle (%):	94.6
Antenna Configuration:	Beamforming	DCCF (dB):	0.24
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6109	-9.79	-9.96	-	-	-6.87	0.68	14.00	-13.32
6265	-9.86	-10.60	-	-	-7.20	0.38	14.00	-13.62
6419	-9.68	-10.90	-	-	-7.24	0.10	14.00	-13.90
6425	-9.82	-10.67	-	-	-7.21	0.12	14.00	-13.88

Table 114 - EIRP Output Power Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 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 GFSK (LE 2M)	Duty Cycle (%):	100.0
Antenna Configuration:	Beamforming	DCCF (dB):	0.00
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ			
6106	-16.92	-16.74	-	-	-13.82	-6.27	14.00	-20.27
6265	-17.18	-17.30	-	-	-14.23	-6.64	14.00	-20.64
6423	-16.75	-17.61	-	-	-14.15	-6.81	14.00	-20.81
6425	-16.85	-17.50	-	-	-14.15	-6.81	14.00	-20.81

Table 115 - EIRP Output Power Results



FCC 47 CFR Part 15E, Limit Clause 15.407(a)(9)

For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed -5 dBm e.i.r.p in any 1-megahertz band and the maximum e.i.r.p must not exceed 14 dBm.

ISED RSS-248, Limit Clause 4.5.3

The following limits shall apply to very low-power devices.

the maximum e.i.r.p. spectral density shall not exceed -5 dBm/MHz; and
the maximum e.i.r.p. shall not exceed 14 dBm.



2.2.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 14 and RF Laboratory 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
AC Programmable Power Supply	iTech	IT7324	5225	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5529	24	02-Jan-2027
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
Humidity & Temperature meter	R.S Components	1364	6148	12	28-Aug-2026
MXA Signal Analyser	Keysight Technologies	N9020B	6417	24	14-Oct-2027
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	17-Mar-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6426	12	14-Mar-2026
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	27-Feb-2026
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	29-Nov-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	29-Nov-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	29-Nov-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	27-Feb-2026
USB Power Sensors	Boonton	RTP5008	5921	12	29-Nov-2026
USB Power Sensors	Boonton	RTP5008	5922	12	29-Nov-2026
USB Power Sensors	Boonton	RTP5008	5923	12	29-Nov-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	27-Feb-2026
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6752	12	14-Mar-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6753	12	14-Mar-2026
Multimeter	Fluke	115	7115	12	13-Aug-2026

Table 116

O/P Mon - Output Monitored using calibrated equipment



2.3 Maximum Conducted Power Spectral Density

2.3.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-248, Clause 4.5

2.3.2 Equipment Under Test and Modification State

A3429, S/N: CN4XJK3W6Y - Modification State 0
A3429, S/N: CWQ5X7R35N - Modification State 0

2.3.3 Date of Test

04-December-2025 to 29-January-2026

2.3.4 Test Method

The test was performed in accordance with KDB 789033, clause F.

Where the EUT duty cycle was < 98 % and repeatable within 2 %, the spectrum analyser was set to trace (power) averaging and a duty cycle correction was added as calculated in the result tables below (Method SA-2). Where the duty cycle was ≥ 98 % the spectrum analyser was set to trace (power) averaging and no duty cycle correction made (Method SA-1). In all other cases the spectrum analyser trace was set to max hold (Method SA-3).

For SISO modes the antenna gain was added to the conducted power for each respective core.

MIMO output port summing was performed in accordance with KDB 662911 D01 using the antenna gain calculation from clause F)2)e)(ii).

TxBF uses 1 spatial stream over 2 transmit cores. Therefore the signal was correlated and the gain was calculated in accordance with clause F)2)d)(i) for correlated signals with unequal antenna gains and equal transmit powers. The formula reduces to:

$$\text{TxBF Directional Gain} = 10 \cdot \log((10^{(G1/20)} + 10^{(G2/20)})^{2/2})$$

Frequency Range (MHz)	Core 0 Peak Gain (dBi)	Core 1 Peak Gain (dBi)	TxBF Directional Gain (dBi)
6106-6425	2.10	6.50	7.59

2.3.5 Environmental Conditions

Ambient Temperature 23.2 - 24.6 °C
Relative Humidity 37.4 - 45.5 %



2.3.6 Test Results

Narrowband

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.4
Antenna Configuration:	SISO	DCCF (dB):	1.17
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-9.67	-	-	-	-	-7.67	-5.00	-2.67
6265	-10.08	-	-	-	-	-7.98	-5.00	-2.98
6424	-10.11	-	-	-	-	-7.01	-5.00	-2.01
6425	-9.74	-	-	-	-	-6.64	-5.00	-1.64

Table 117 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	77.6
Antenna Configuration:	SISO	DCCF (dB):	1.10
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-10.95	-	-	-	-	-8.95	-5.00	-3.95
6265	-10.90	-	-	-	-	-8.80	-5.00	-3.80
6422	-10.59	-	-	-	-	-7.49	-5.00	-2.49
6425	-10.12	-	-	-	-	-7.02	-5.00	-2.02

Table 118 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA 16QAM (HDT6)	Duty Cycle (%):	90.2
Antenna Configuration:	SISO	DCCF (dB):	0.45
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-10.75	-	-	-	-	-8.75	-5.00	-3.75
6265	-11.34	-	-	-	-	-9.24	-5.00	-4.24
6423	-10.66	-	-	-	-	-7.56	-5.00	-2.56
6425	-9.79	-	-	-	-	-6.69	-5.00	-1.69

Table 119 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA 16QAM (HDRPM12)	Duty Cycle (%):	93.1
Antenna Configuration:	SISO	DCCF (dB):	0.31
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6107	-10.80	-	-	-	-	-8.80	-5.00	-3.80
6265	-11.01	-	-	-	-	-8.91	-5.00	-3.91
6422	-9.48	-	-	-	-	-6.38	-5.00	-1.38
6425	-9.69	-	-	-	-	-6.59	-5.00	-1.59

Table 120 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA QPSK (HDRPL8)	Duty Cycle (%):	94.6
Antenna Configuration:	SISO	DCCF (dB):	0.24
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6109	-9.87	-	-	-	-	-7.87	-5.00	-2.87
6265	-9.89	-	-	-	-	-7.79	-5.00	-2.79
6419	-10.01	-	-	-	-	-6.91	-5.00	-1.91
6425	-9.40	-	-	-	-	-6.30	-5.00	-1.30

Table 121 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA GFSK (LE 2M)	Duty Cycle (%):	56.7
Antenna Configuration:	SISO	DCCF (dB):	2.46
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-11.14	-	-	-	-	-9.14	-5.00	-4.14
6265	-10.90	-	-	-	-	-8.80	-5.00	-3.80
6423	-9.72	-	-	-	-	-6.62	-5.00	-1.62
6425	-10.33	-	-	-	-	-7.23	-5.00	-2.23

Table 122 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	76.3
Antenna Configuration:	SISO	DCCF (dB):	1.17
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-	-12.86	-	-	-	-6.36	-5.00	-1.36
6265	-	-13.11	-	-	-	-6.61	-5.00	-1.61
6424	-	-13.03	-	-	-	-7.63	-5.00	-2.63
6425	-	-13.35	-	-	-	-7.95	-5.00	-2.95

Table 123 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	77.6
Antenna Configuration:	SISO	DCCF (dB):	1.10
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-	-14.19	-	-	-	-7.69	-5.00	-2.69
6265	-	-13.94	-	-	-	-7.44	-5.00	-2.44
6422	-	-13.44	-	-	-	-8.04	-5.00	-3.04
6425	-	-15.21	-	-	-	-9.81	-5.00	-4.81

Table 124 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA 16QAM (HDT6)	Duty Cycle (%):	88.7
Antenna Configuration:	SISO	DCCF (dB):	0.52
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-	-15.13	-	-	-	-8.63	-5.00	-3.63
6265	-	-13.14	-	-	-	-6.64	-5.00	-1.64
6423	-	-14.26	-	-	-	-8.86	-5.00	-3.86
6425	-	-12.83	-	-	-	-7.43	-5.00	-2.43

Table 125 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA 16QAM (HDRPM12)	Duty Cycle (%):	93.1
Antenna Configuration:	SISO	DCCF (dB):	0.31
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6107	-	-12.99	-	-	-	-6.49	-5.00	-1.49
6265	-	-13.37	-	-	-	-6.87	-5.00	-1.87
6422	-	-12.93	-	-	-	-7.53	-5.00	-2.53
6425	-	-12.53	-	-	-	-7.13	-5.00	-2.13

Table 126 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA QPSK (HDRPL8)	Duty Cycle (%):	94.6
Antenna Configuration:	SISO	DCCF (dB):	0.24
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6109	-	-13.53	-	-	-	-7.03	-5.00	-2.03
6265	-	-13.49	-	-	-	-6.99	-5.00	-1.99
6419	-	-12.47	-	-	-	-7.07	-5.00	-2.07
6425	-	-12.64	-	-	-	-7.24	-5.00	-2.24

Table 127 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA GFSK (LE 2M)	Duty Cycle (%):	56.7
Antenna Configuration:	SISO	DCCF (dB):	2.46
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-	-13.49	-	-	-	-6.99	-5.00	-1.99
6265	-	-14.07	-	-	-	-7.57	-5.00	-2.57
6423	-	-13.14	-	-	-	-7.74	-5.00	-2.74
6425	-	-13.45	-	-	-	-8.05	-5.00	-3.05

Table 128 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA GFSK (DH5)	Duty Cycle (%):	76.4
Antenna Configuration:	SISO	DCCF (dB):	1.17
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	EIRP (dBm)	C	D	Σ			
6106	-9.66	-	-	-	-	-7.66	-5.00	-2.66
6265	-9.94	-	-	-	-	-7.84	-5.00	-2.84
6424	-9.70	-	-	-	-	-6.60	-5.00	-1.60
6425	-9.58	-	-	-	-	-6.48	-5.00	-1.48

Table 129 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	77.5
Antenna Configuration:	SISO	DCCF (dB):	1.11
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-10.93	-	-	-	-	-8.93	-5.00	-3.93
6265	-11.19	-	-	-	-	-9.09	-5.00	-4.09
6422	-10.83	-	-	-	-	-7.73	-5.00	-2.73
6425	-10.80	-	-	-	-	-7.70	-5.00	-2.70

Table 130 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA 16QAM (HDT6)	Duty Cycle (%):	90.4
Antenna Configuration:	SISO	DCCF (dB):	0.44
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-10.99	-	-	-	-	-8.99	-5.00	-3.99
6265	10.46	-	-	-	-	-8.36	-5.00	-3.36
6423	-10.53	-	-	-	-	-7.43	-5.00	-2.43
6425	-10.09	-	-	-	-	-6.99	-5.00	-1.99

Table 131 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA 16QAM (HDRPM12)	Duty Cycle (%):	93.2
Antenna Configuration:	SISO	DCCF (dB):	0.31
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6107	-10.30	-	-	-	-	-8.30	-5.00	-3.30
6265	-10.68	-	-	-	-	-8.58	-5.00	-3.58
6422	-10.06	-	-	-	-	-6.96	-5.00	-1.96
6425	-9.82	-	-	-	-	-6.72	-5.00	-1.72

Table 132 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA QPSK (HDRPL8)	Duty Cycle (%):	94.6
Antenna Configuration:	SISO	DCCF (dB):	0.24
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6109	-9.85	-	-	-	-	-7.85	-5.00	-2.85
6265	-11.01	-	-	-	-	-8.91	-5.00	-3.91
6419	-10.12	-	-	-	-	-7.02	-5.00	-2.02
6425	-9.18	-	-	-	-	-6.08	-5.00	-1.08

Table 133 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA GFSK (LE 2M)	Duty Cycle (%):	56.7
Antenna Configuration:	SISO	DCCF (dB):	2.46
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	3.10

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-10.79	-	-	-	-	-8.79	-5.00	-3.79
6265	-10.35	-	-	-	-	-8.25	-5.00	-3.25
6423	-10.37	-	-	-	-	-7.27	-5.00	-2.27
6425	-10.10	-	-	-	-	-7.00	-5.00	-2.00

Table 134 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA GFSK (DH5)	Duty Cycle (%):	76.4
Antenna Configuration:	SISO	DCCF (dB):	1.17
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-	-13.21	-	-	-	-6.71	-5.00	-1.71
6265	-	-13.13	-	-	-	-6.63	-5.00	-1.63
6424	-	-13.19	-	-	-	-7.79	-5.00	-2.79
6425	-	-13.20	-	-	-	-7.80	-5.00	-2.80

Table 135 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	77.6
Antenna Configuration:	SISO	DCCF (dB):	1.10
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-	-14.27	-	-	-	-7.77	-5.00	-2.77
6265	-	-14.20	-	-	-	-7.70	-5.00	-2.70
6422	-	-14.05	-	-	-	-8.65	-5.00	-3.65
6425	-	-13.54	-	-	-	-8.14	-5.00	-3.14

Table 136 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA 16QAM (HDT6)	Duty Cycle (%):	88.6
Antenna Configuration:	SISO	DCCF (dB):	0.52
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-	-14.78	-	-	-	-8.28	-5.00	-3.28
6265	-	-13.25	-	-	-	-6.75	-5.00	-1.75
6423	-	-14.83	-	-	-	-9.43	-5.00	-4.43
6425	-	-12.99	-	-	-	-7.59	-5.00	-2.59

Table 137 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA 16QAM (HDRPM12)	Duty Cycle (%):	93.2
Antenna Configuration:	SISO	DCCF (dB):	0.31
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6107	-	-13.61	-	-	-	-7.11	-5.00	-2.11
6265	-	-13.40	-	-	-	-6.90	-5.00	-1.90
6422	-	-13.46	-	-	-	-8.06	-5.00	-3.06
6425	-	-13.15	-	-	-	-7.75	-5.00	-2.75

Table 138 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA QPSK (HDRPL8)	Duty Cycle (%):	94.7
Antenna Configuration:	SISO	DCCF (dB):	0.24
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6109	-	-13.60	-	-	-	-7.10	-5.00	-2.10
6265	-	-13.59	-	-	-	-7.09	-5.00	-2.09
6419	-	-13.22	-	-	-	-7.82	-5.00	-2.82
6425	-	-12.78	-	-	-	-7.38	-5.00	-2.38

Table 139 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	ePA GFSK (LE 2M)	Duty Cycle (%):	56.7
Antenna Configuration:	SISO	DCCF (dB):	2.46
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	6.50

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-	-13.85	-	-	-	-7.35	-5.00	-2.35
6265	-	-13.69	-	-	-	-7.19	-5.00	-2.19
6423	-	-13.07	-	-	-	-7.67	-5.00	-2.67
6425	-	-12.73	-	-	-	-7.33	-5.00	-2.33

Table 140 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	iPA GFSK (DH5)	Duty Cycle (%):	100.0
Antenna Configuration:	Beamforming	DCCF (dB):	0.00
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-17.73	-17.93	-	-	-14.82	-7.27	-5.00	-2.27
6265	-17.57	-17.82	-	-	-14.68	-7.10	-5.00	-2.10
6424	-17.97	-17.76	-	-	-14.85	-7.52	-5.00	-2.52
6425	-17.34	-17.07	-	-	-14.19	-6.86	-5.00	-1.86

Table 141 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA $\pi/4$ DQPSK (8-DH5)	Duty Cycle (%):	77.4
Antenna Configuration:	Beamforming	DCCF (dB):	1.11
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-19.44	-19.79	-	-	-16.60	-9.05	-5.00	-4.05
6265	-19.60	-19.40	-	-	-16.49	-8.90	-5.00	-3.90
6422	-19.73	-19.33	-	-	-16.52	-9.18	-5.00	-4.18
6425	-18.70	-18.07	-	-	-15.36	-8.03	-5.00	-3.03

Table 142 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA 16QAM (HDT6)	Duty Cycle (%):	90.9
Antenna Configuration:	Beamforming	DCCF (dB):	0.42
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6106	-17.64	-18.06	-	-	-14.84	-7.29	-5.00	-2.29
6265	-18.01	-18.03	-	-	-15.01	-7.42	-5.00	-2.42
6423	-17.82	-17.38	-	-	-14.59	-7.25	-5.00	-2.25
6425	-17.45	-17.46	-	-	-14.45	-7.11	-5.00	-2.11

Table 143 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407(a)(9) RSS-248	Test Method(s):	C63.10 12.4.2.4 C63.10 12.6
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	iPA 16QAM (HDRPM12)	Duty Cycle (%):	92.2
Antenna Configuration:	Beamforming	DCCF (dB):	0.35
Active Port(s):	A+B (Core 1+Core 0)	Peak Antenna Gain (dBi):	7.59

Test Frequency (MHz)	PSD (dBm/MHz)					EIRP (dBm)	Limit (dBm / MHz)	Margin (dB)
	A	B	C	D	Σ			
6107	-18.77	-19.19	-	-	-15.96	-8.42	-5.00	-3.42
6265	-18.70	-18.67	-	-	-15.67	-8.09	-5.00	-3.09
6422	-18.63	-18.41	-	-	-15.51	-8.17	-5.00	-3.17
6425	-17.84	-17.76	-	-	-14.79	-7.45	-5.00	-2.45

Table 144 - Maximum Power Spectral Density Results