

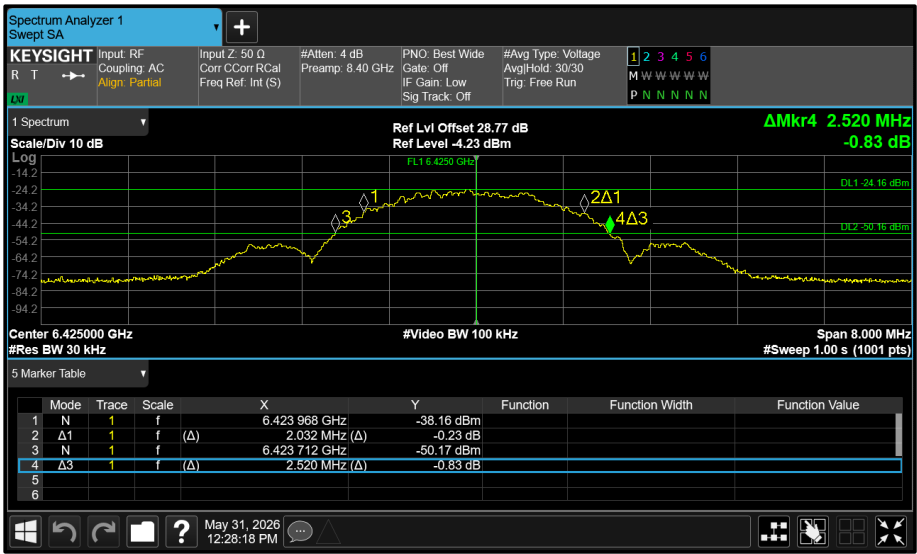


Figure 108 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth



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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	1.260	1.260	-	-	320.0
6266	1.264	1.260	-	-	320.0
6425	1.264	1.264	-	-	320.0

Table 143 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	0.948	0.944	-	-	320.0
6266	0.944	0.944	-	-	320.0
6425	0.944	0.940	-	-	320.0

Table 144 - 99% Bandwidth Results

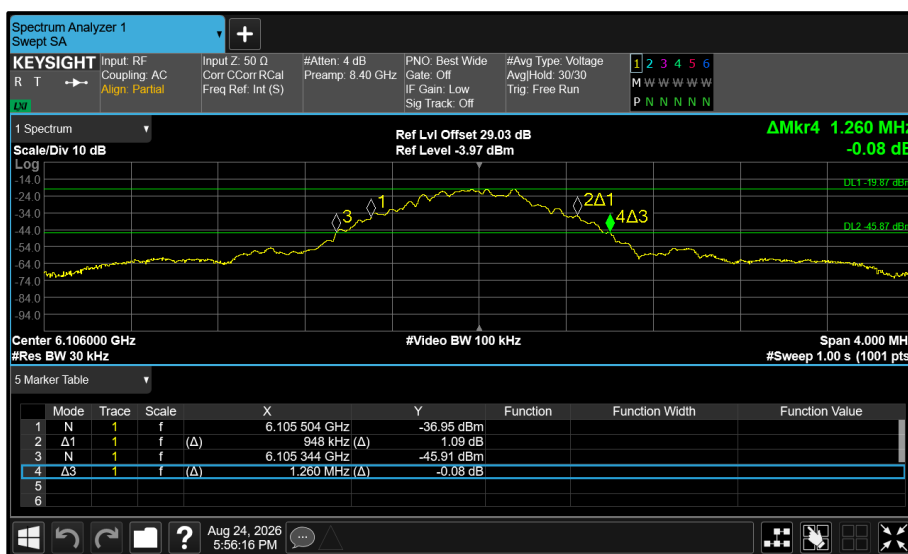
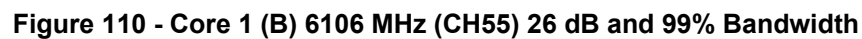
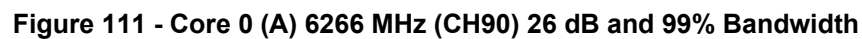


Figure 109 - Core 0 (A) 6106 MHz (CH55) 26 dB and 99% Bandwidth



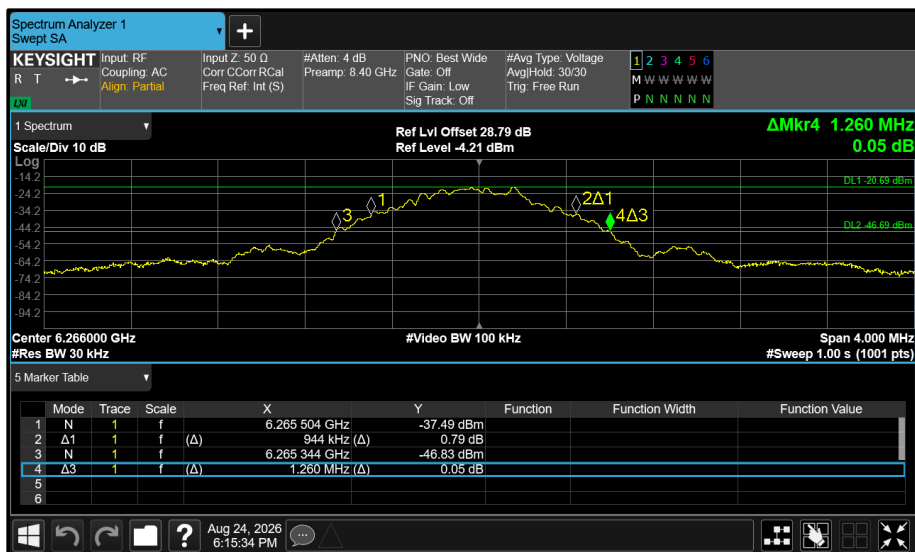


Figure 112 - Core 1 (B) 6266 MHz (CH90) 26 dB and 99% Bandwidth

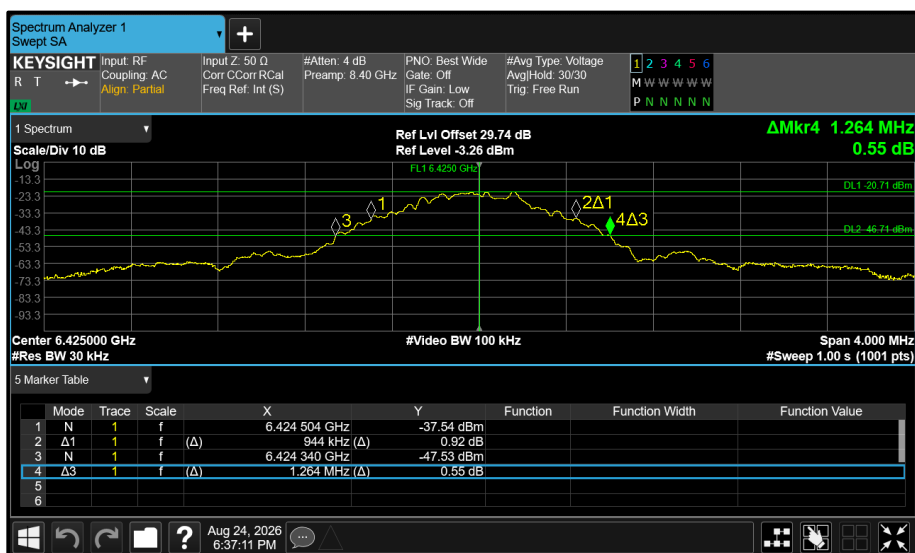


Figure 113 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

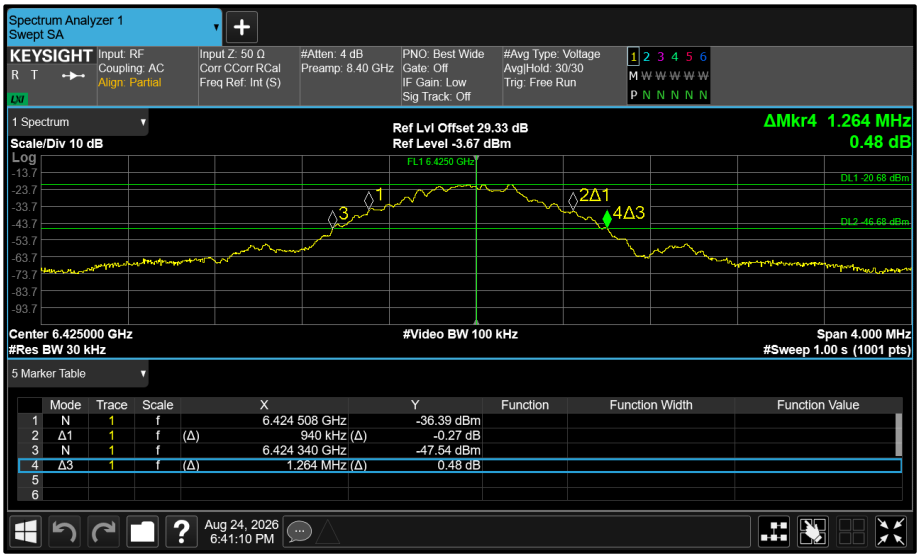


Figure 114 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth



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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	2.800	2.800	-	-	320.0
6266	2.800	2.792	-	-	320.0
6425	2.792	2.792	-	-	320.0

Table 145 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	2.400	2.400	-	-	320.0
6266	2.400	2.400	-	-	320.0
6425	2.400	2.400	-	-	320.0

Table 146 - 99% Bandwidth Results

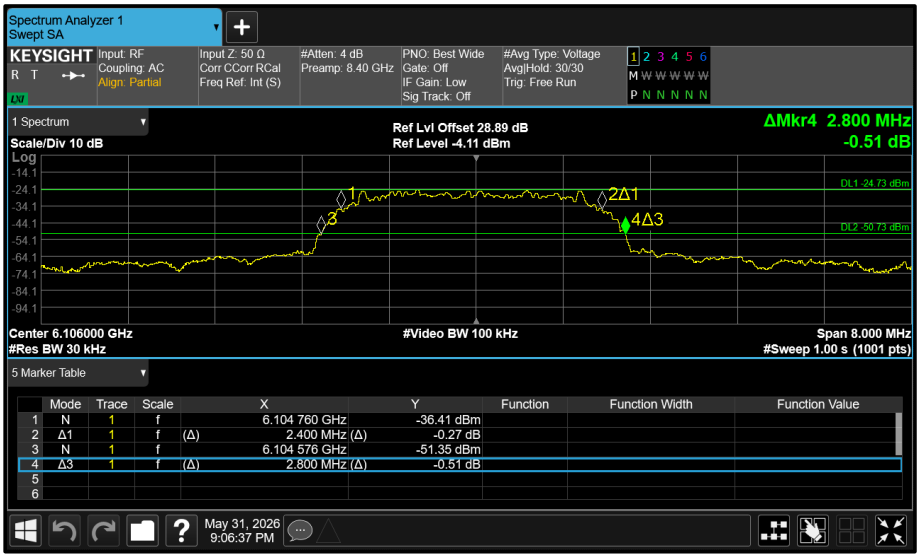


Figure 115 - Core 0 (A) 6106 MHz (CH55) 26 dB and 99% Bandwidth

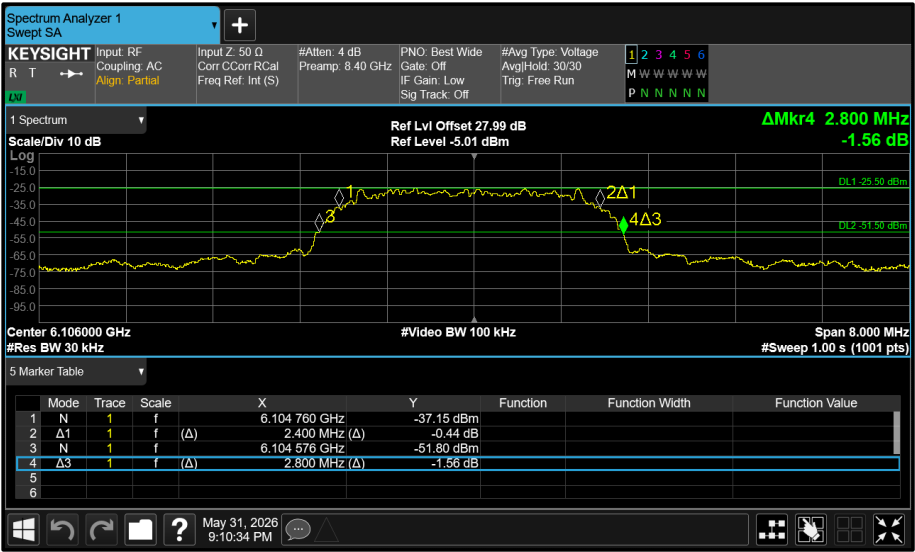


Figure 116 - Core 1 (B) 6106 MHz (CH55) 26 dB and 99% Bandwidth

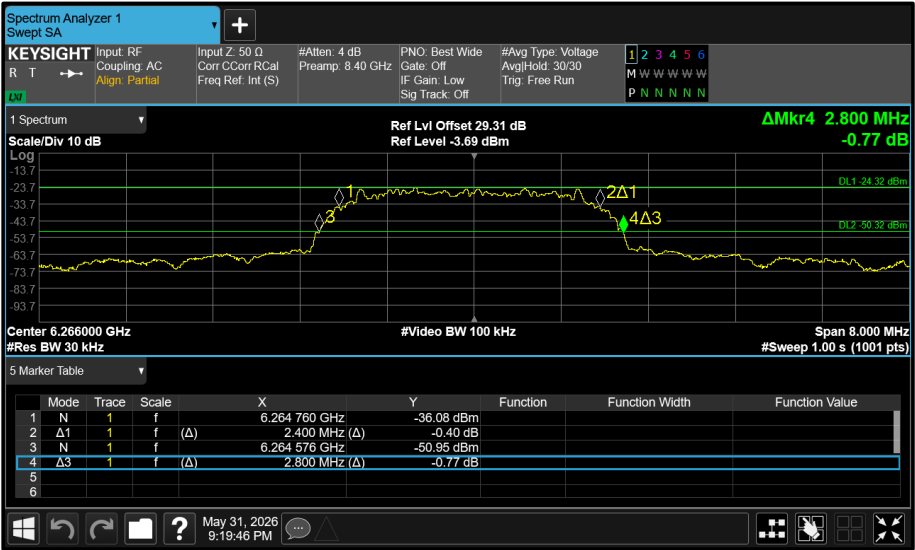


Figure 117 - Core 0 (A) 6266 MHz (CH90) 26 dB and 99% Bandwidth

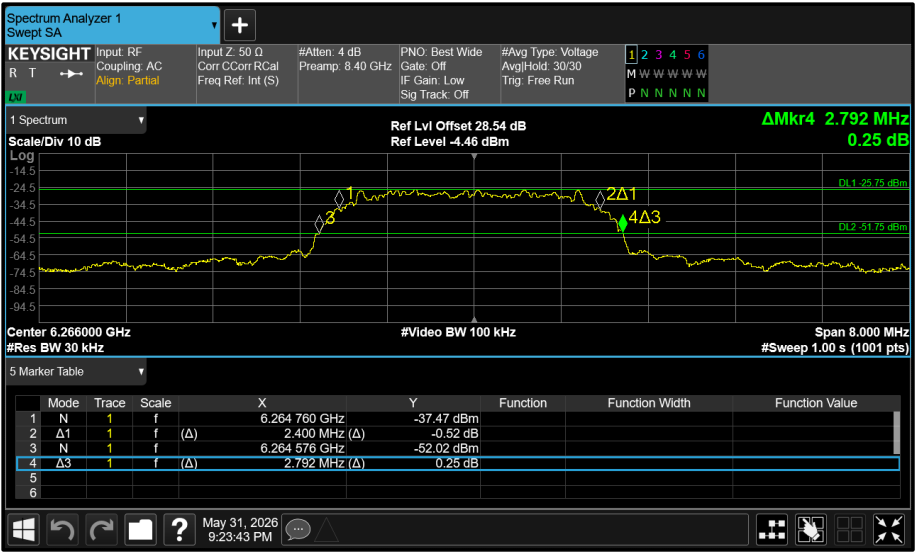


Figure 118 - Core 1 (B) 6266 MHz (CH90) 26 dB and 99% Bandwidth

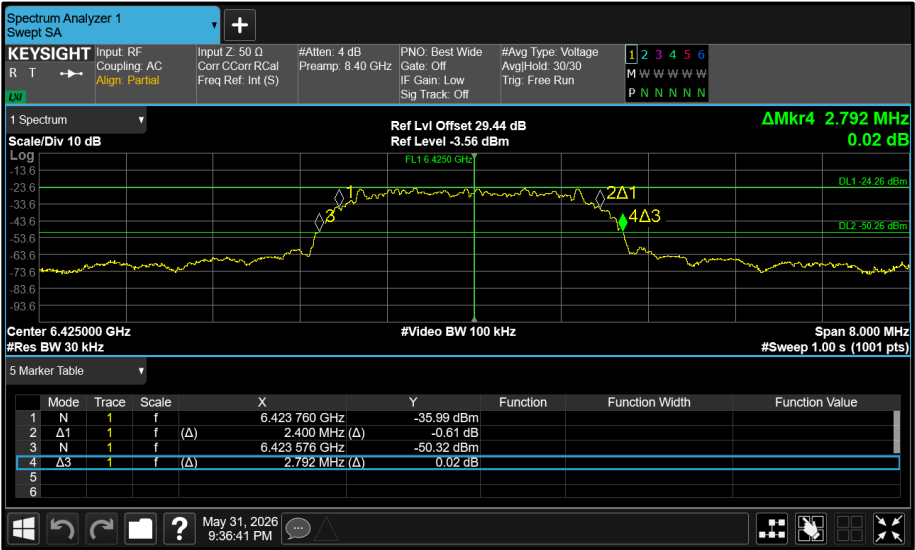


Figure 119 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

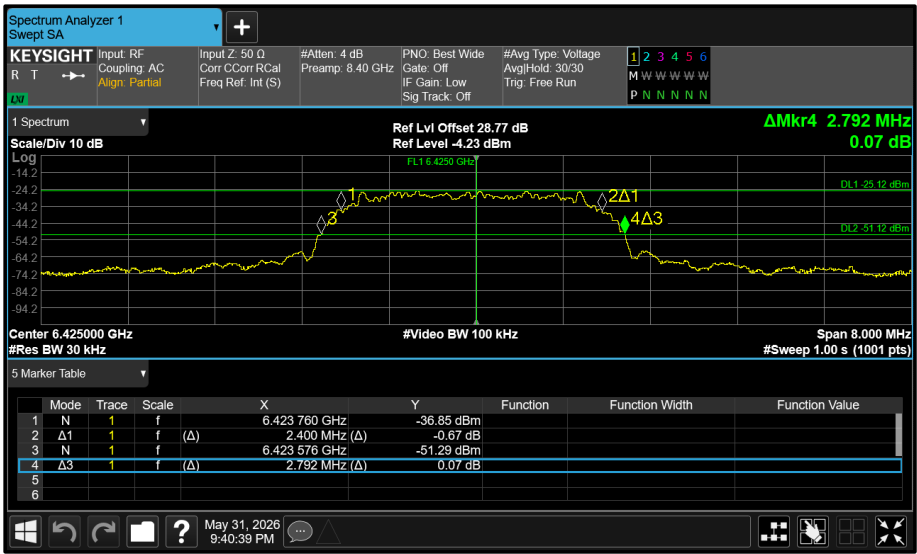


Figure 120 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth



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 HDR (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)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	5.400	5.400	-	-	320.0
6266	5.400	5.400	-	-	320.0
6425	5.400	5.400	-	-	320.0

Table 147 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	4.635	4.635	-	-	320.0
6266	4.635	4.665	-	-	320.0
6425	4.665	4.635	-	-	320.0

Table 148 - 99% Bandwidth Results

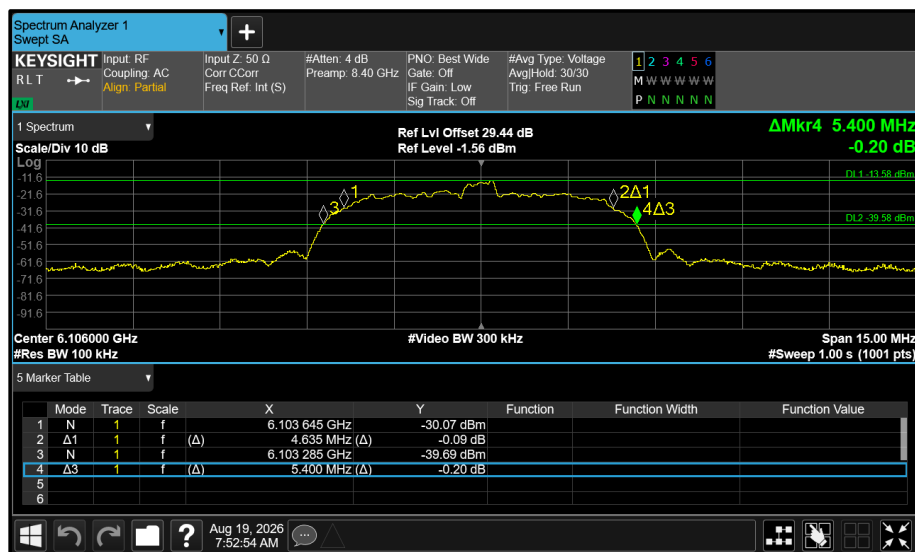


Figure 121 - Core 0 (A) 6106 MHz (CH55) 26 dB and 99% Bandwidth

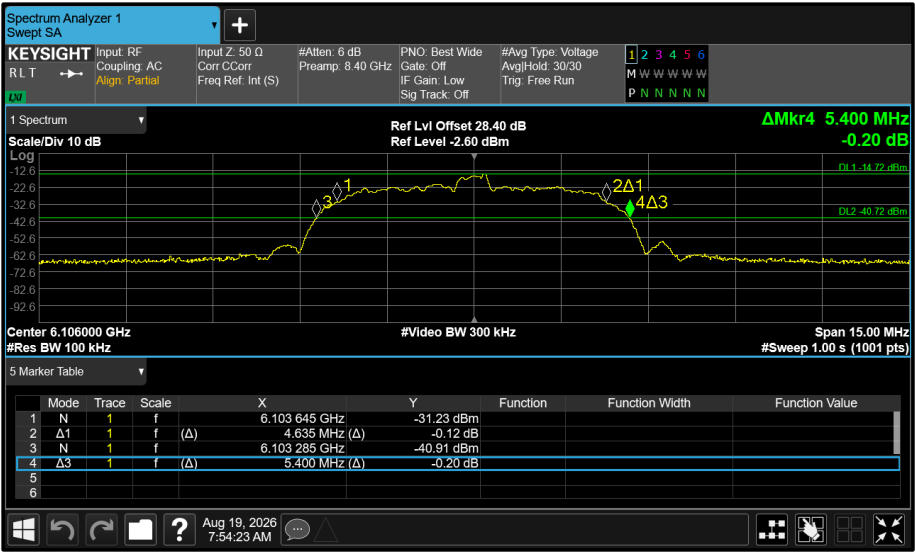


Figure 122 - Core 1 (B) 6106 MHz (CH55) 26 dB and 99% Bandwidth

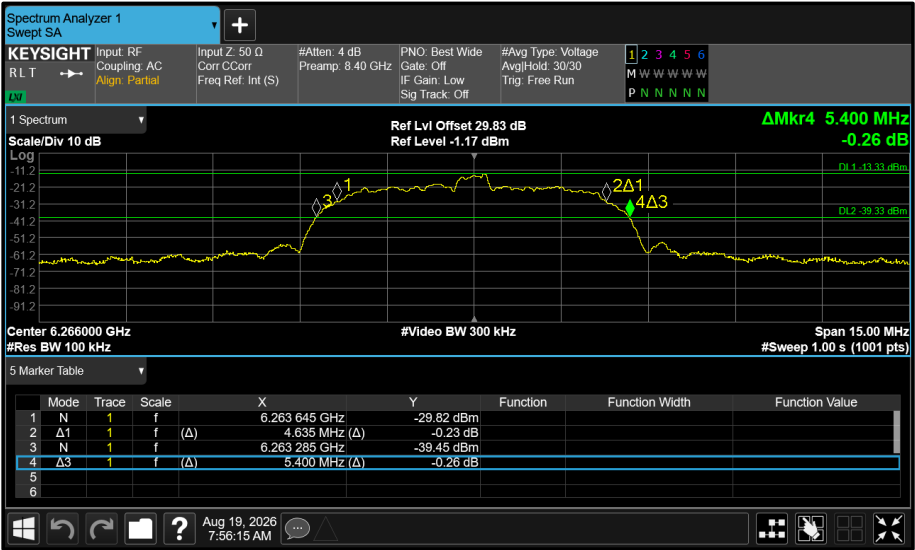


Figure 123 - Core 0 (A) 6266 MHz (CH90) 26 dB and 99% Bandwidth

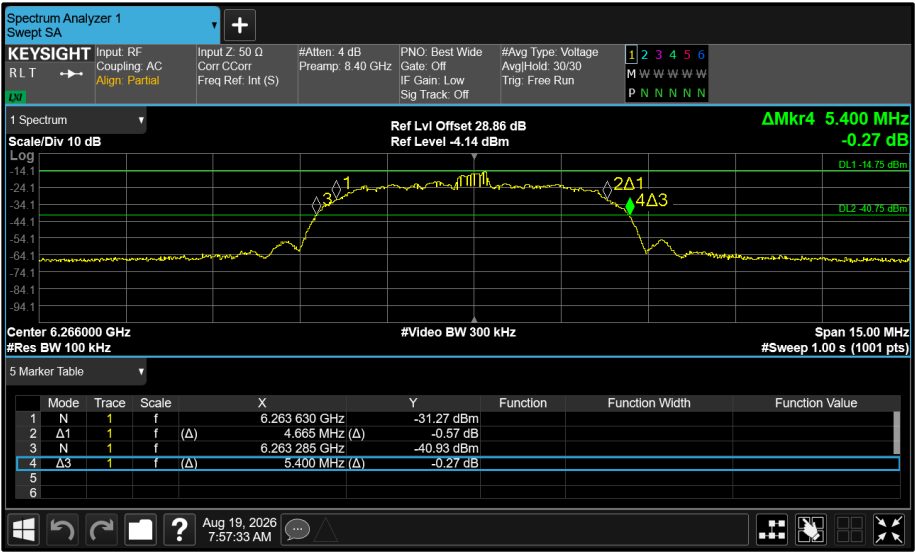


Figure 124 - Core 1 (B) 6266 MHz (CH90) 26 dB and 99% Bandwidth

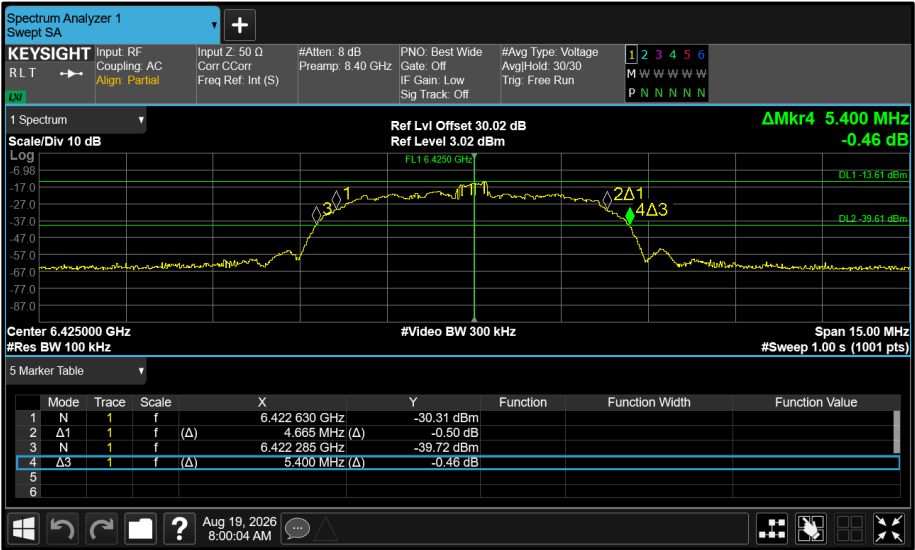


Figure 125 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

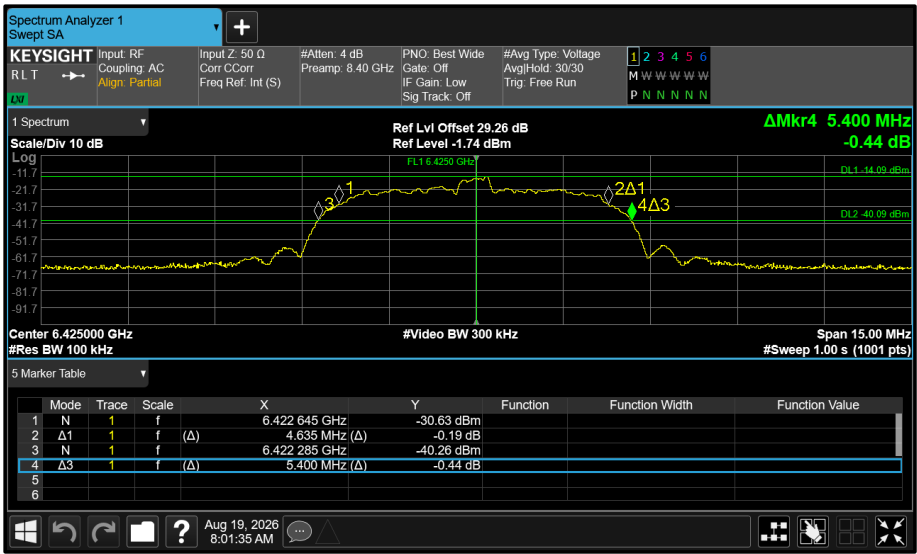


Figure 126 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth



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 HDRP (HDRPM12)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6107	5.400	5.420	-	-	320.0
6266	5.420	5.420	-	-	320.0
6425	5.420	5.420	-	-	320.0

Table 149 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6107	4.700	4.700	-	-	320.0
6266	4.700	4.700	-	-	320.0
6425	4.700	4.700	-	-	320.0

Table 150 - 99% Bandwidth Results

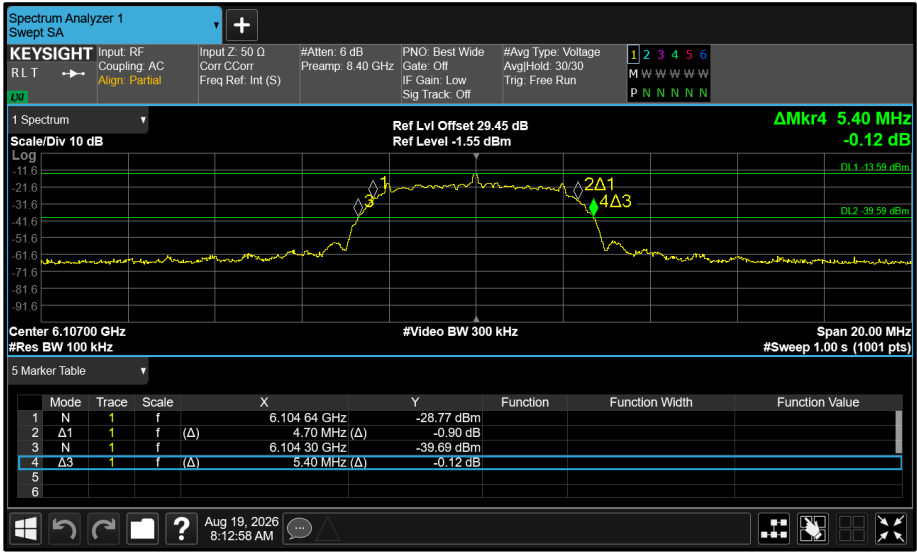


Figure 127 - Core 0 (A) 6107 MHz (CH56) 26 dB and 99% Bandwidth

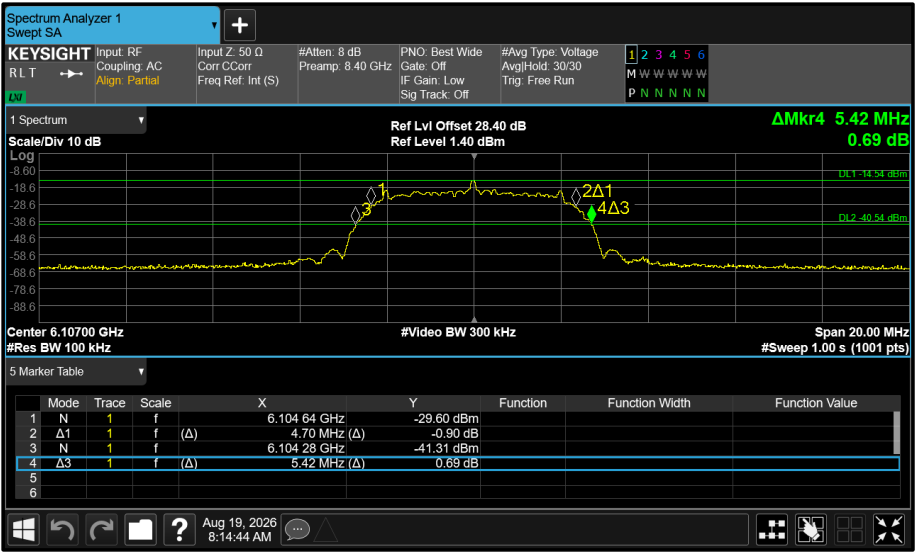


Figure 128 - Core 1 (B) 6107 MHz (CH56) 26 dB and 99% Bandwidth

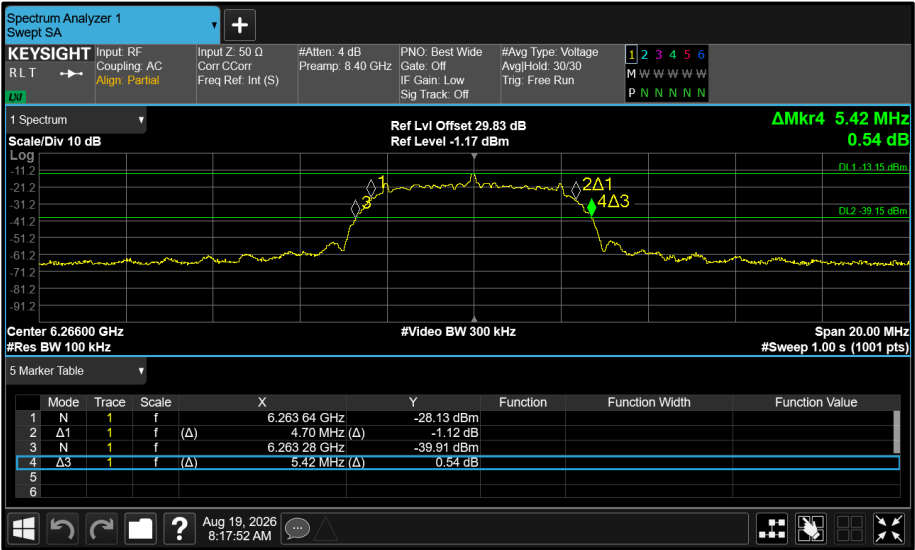


Figure 129 - Core 0 (A) 6266 MHz (CH90) 26 dB and 99% Bandwidth

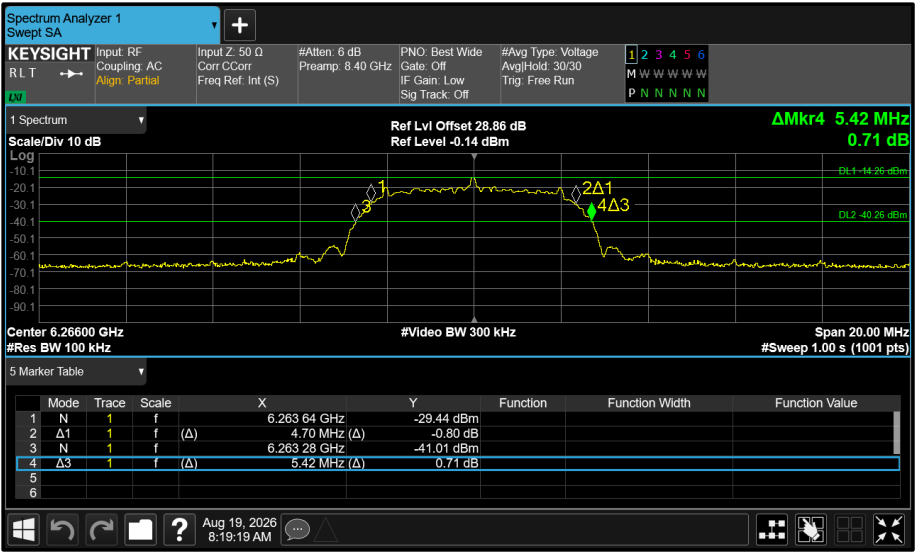


Figure 130 - Core 1 (B) 6266 MHz (CH90) 26 dB and 99% Bandwidth

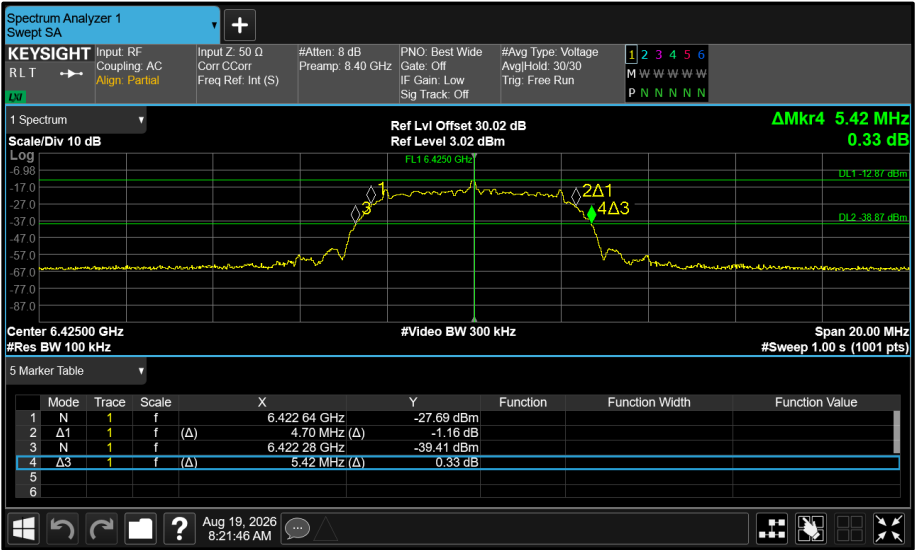


Figure 131 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

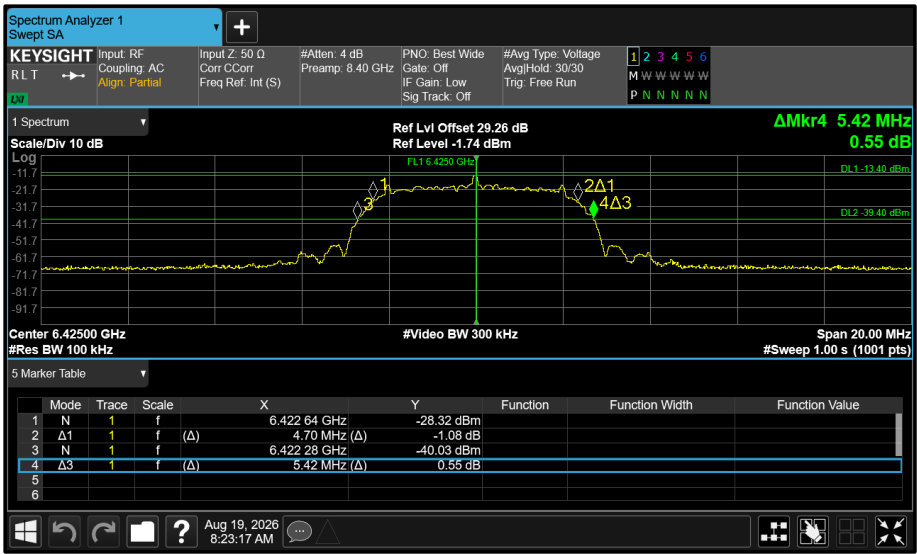


Figure 132 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth



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 HDRP (HDRPL16)	Duty Cycle (%):	-
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	-

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6109	10.800	10.740	-	-	320.0
6267	10.770	10.770	-	-	320.0
6425	10.770	10.770	-	-	320.0

Table 151 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6109	9.390	9.390	-	-	320.0
6267	9.390	9.390	-	-	320.0
6425	9.390	9.390	-	-	320.0

Table 152 - 99% Bandwidth Results

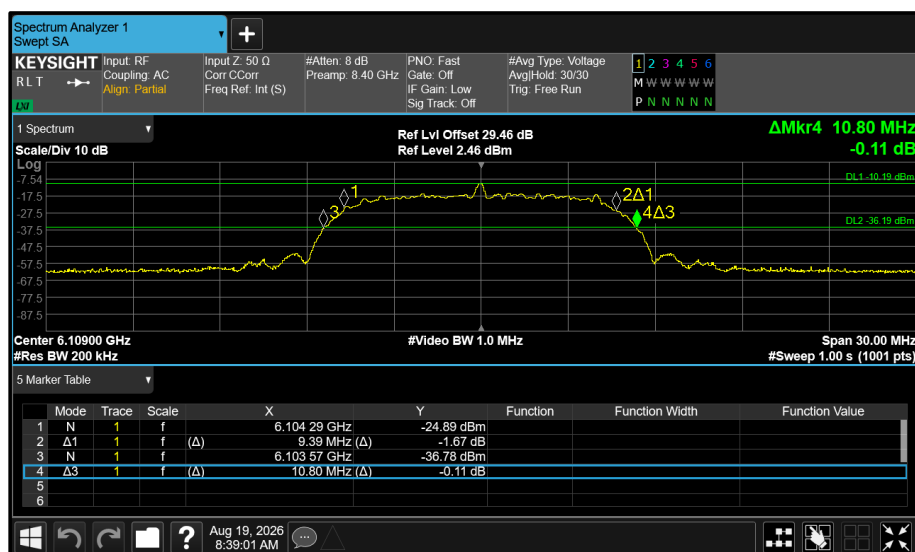
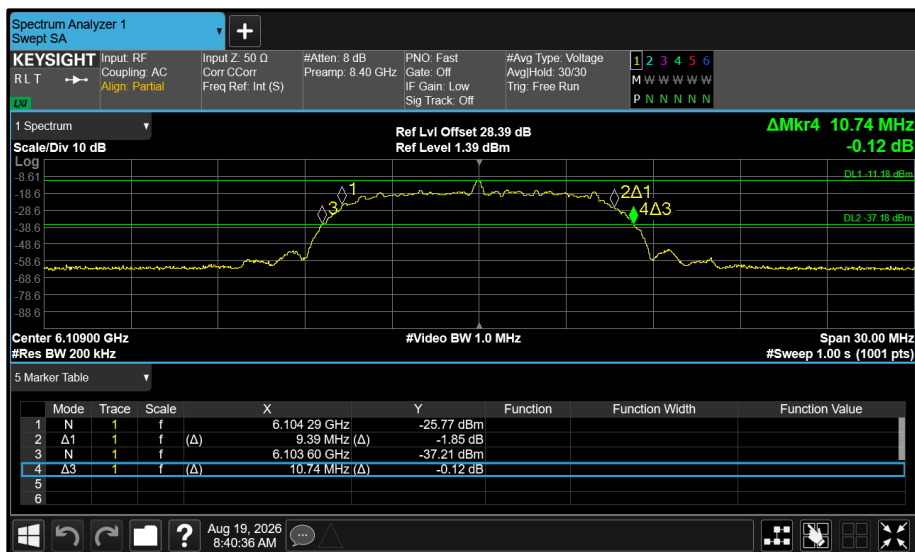
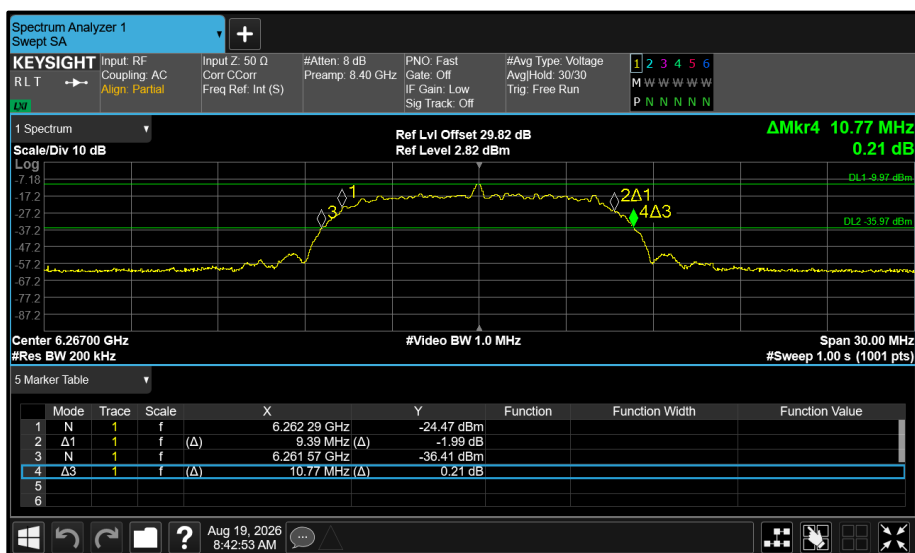


Figure 133 - Core 0 (A) 6109 MHz (CH58) 26 dB and 99% Bandwidth



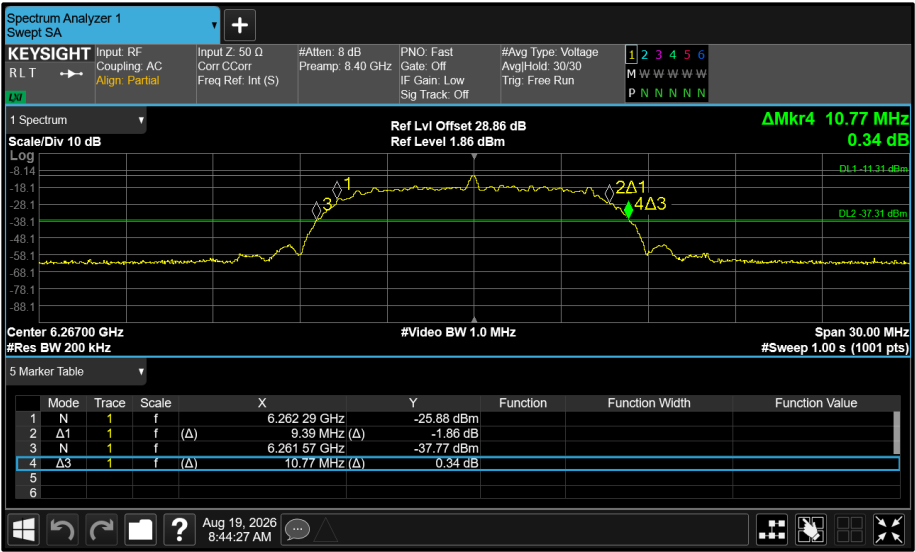


Figure 136 - Core 1 (B) 6267 MHz (CH91) 26 dB and 99% Bandwidth

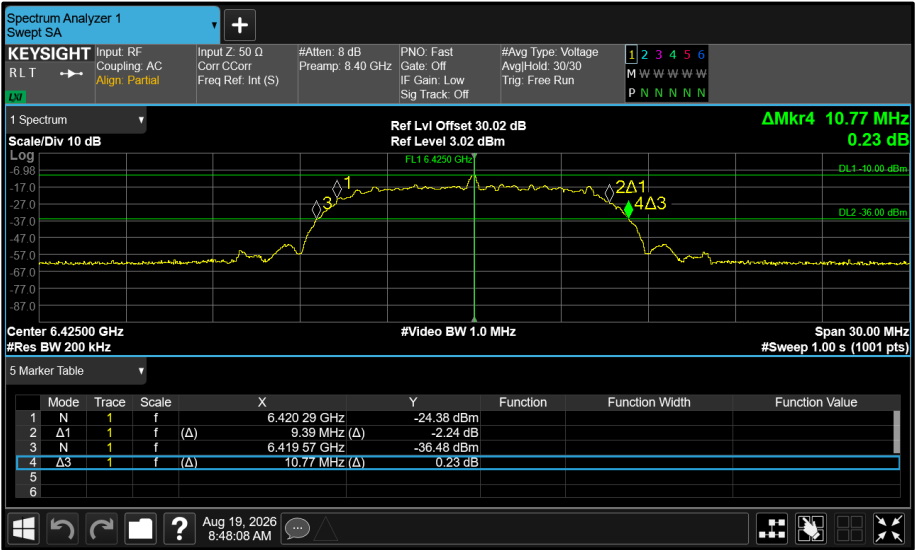


Figure 137 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

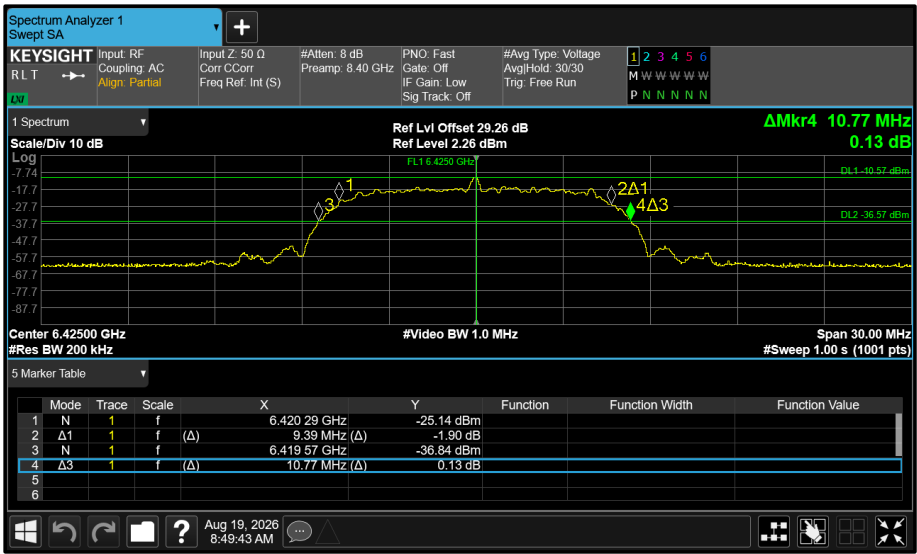


Figure 138 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth



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

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	2.536	2.536	-	-	320.0
6266	2.544	2.536	-	-	320.0
6425	2.536	2.536	-	-	320.0

Table 153 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	2.048	2.056	-	-	320.0
6266	2.048	2.048	-	-	320.0
6425	2.048	2.048	-	-	320.0

Table 154 - 99% Bandwidth Results

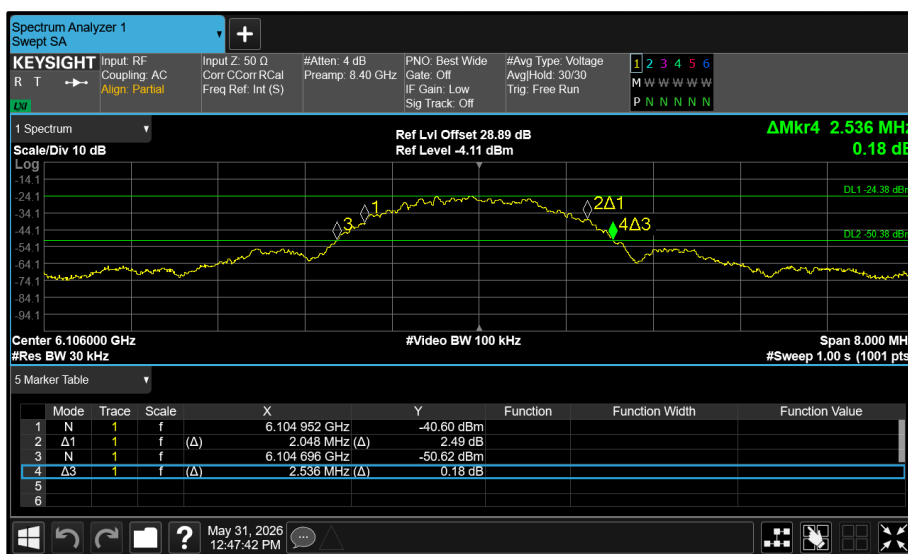


Figure 139 - Core 0 (A) 6106 MHz (CH55) 26 dB and 99% Bandwidth

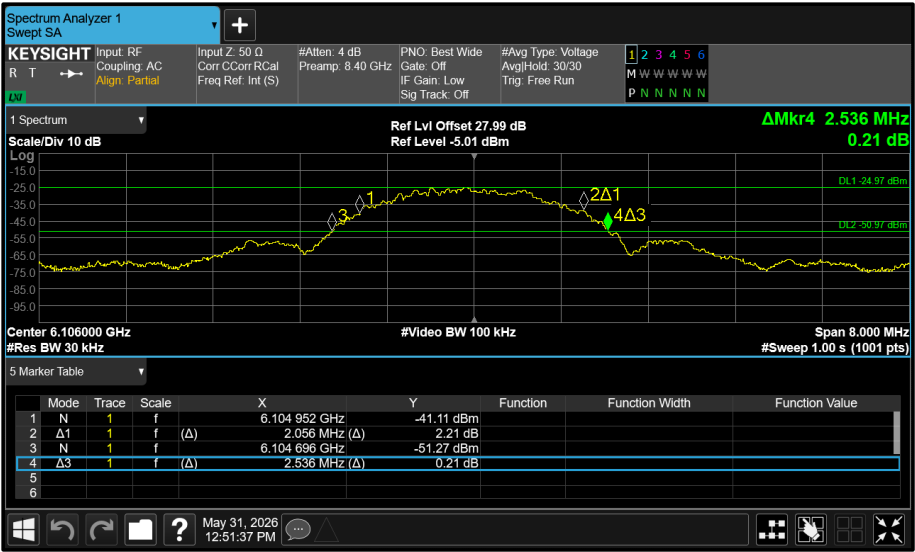


Figure 140 - Core 1 (B) 6106 MHz (CH55) 26 dB and 99% Bandwidth

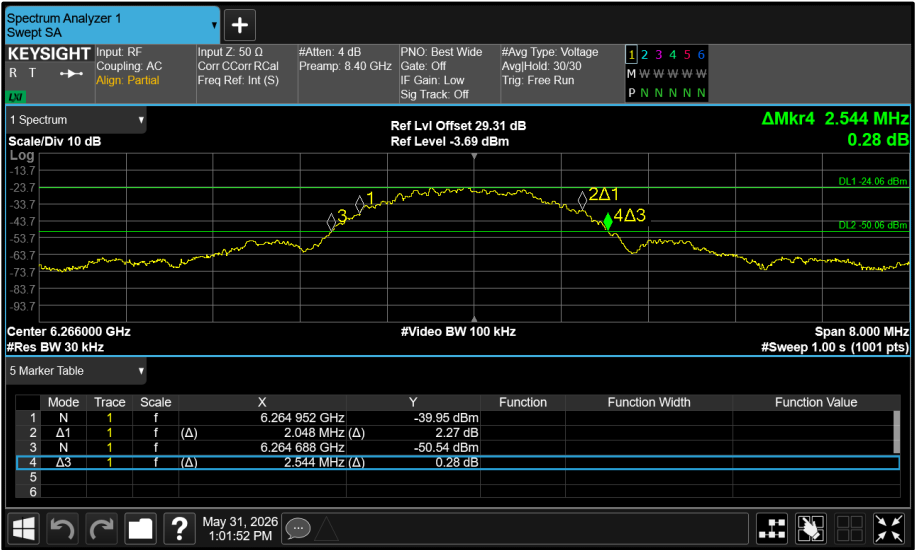


Figure 141 - Core 0 (A) 6266 MHz (CH90) 26 dB and 99% Bandwidth

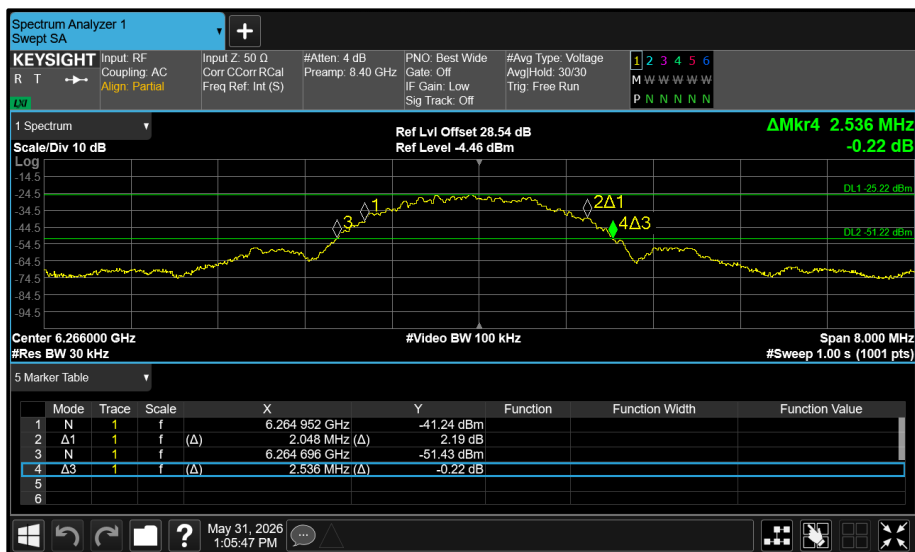


Figure 142 - Core 1 (B) 6266 MHz (CH90) 26 dB and 99% Bandwidth

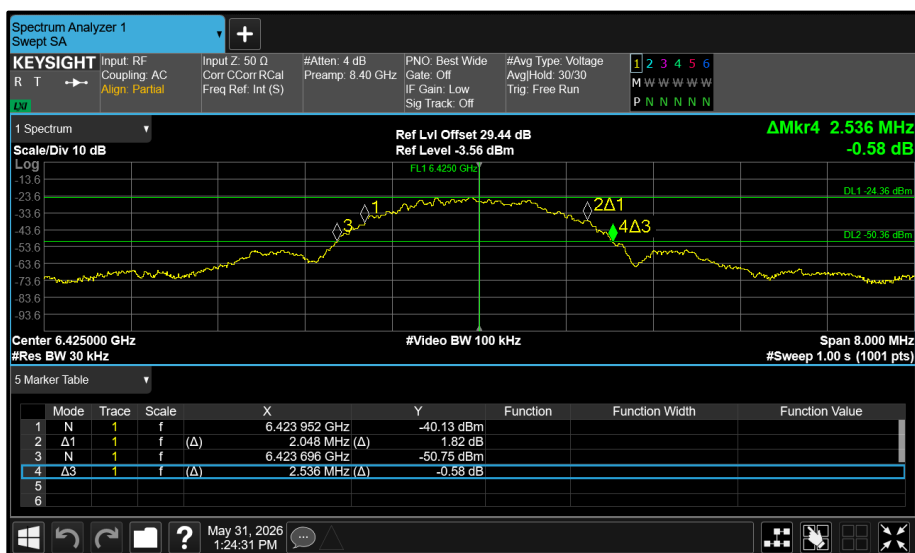


Figure 143 - Core 0 (A) 6425 MHz (CH124) 26 dB and 99% Bandwidth

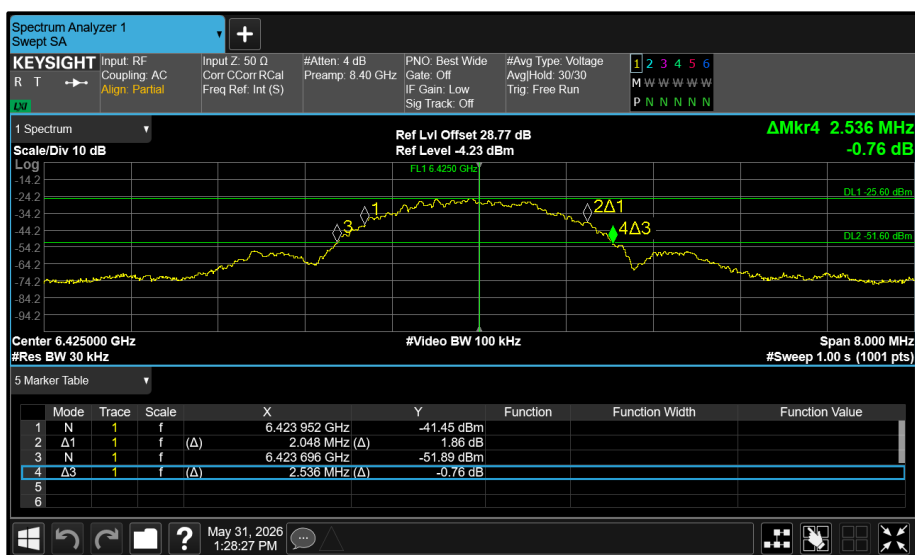


Figure 144 - Core 1 (B) 6425 MHz (CH124) 26 dB and 99% Bandwidth

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.



2.3.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
USB Power Sensors, 50MHz to 8GHz	Boonton	RTP5008	5921	12	29-Nov-2026
USB Power Sensors, 50MHz to 8GHz	Boonton	RTP5008	5922	12	29-Nov-2026
USB Power Sensors, 50MHz to 8GHz	Boonton	RTP5008	5923	12	29-Nov-2026
USB Power Sensors, 50MHz to 8GHz	Boonton	RTP5008	5924	12	27-Feb-2027
Modular Power System Mainframe	Keysight Technologies	N6701C	5969	-	O/P Mon
DC Power Module 60V 20A 300W	Keysight Technologies	N6754A	5970	-	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
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	6522	12	29-Nov-2026
Digital Thermometer	R.S Components	RS 5511	6739	12	02-Mar-2027
Multimeter	Fluke	115	7115	12	13-Aug-2026*
Thermostatic Chamber	Weiss Technik	LabEvent T/500/50/3	7315	24	O/P Mon

Table 155

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment

*NOTE: Only used within calibration period.



2.4 Authorised Band Edges

2.4.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-248, Clause 4.6
ISED RSS-GEN 6.13

2.4.2 Equipment Under Test and Modification State

A3590, S/N: M77JGPPWWV - Modification State 0
A3590, S/N: M43636QT4D - Modification State 0

2.4.3 Date of Test

09-April-2026 to 25-April-2026

2.4.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.6.

The limit line on the following plots equated to -27 dBm/MHz EIRP and was converted to field strength at 3 m using the following formula: Field Strength (dBµV/m at 3 m) = EIRP (dBm) + 95.2.

As per KDB 987594, In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Authorised band edge measurements were performed, with the device operating in SISO and MIMO configurations, across the various modes supported by the device.

The measurements displayed within this report, have been limited to those modes which have been shown to be worst case.

Further measurements are held on file by TÜV SÜD and are available if required.

2.4.5 Environmental Conditions

Ambient Temperature	25.1 – 23,5 °C
Relative Humidity	38.5 – 42,0 %



2.4.6 Test Results

Narrowband

iPA - Core 0 (SISO)

Mode	Packet Type	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBuV/m)
Static	DH5	6106	5925	54.73	43.97
Static	HDR4	6106	5925	54.99	43.95
Static	HDR8	6106	5925	54.86	43.90
Static	LE1M	6106	5925	55.18	43.54
Static	LE2M	6106	5925	54.43	45.31
Static	HDT3	6106	5925	54.99	43.07
Static	HDT4	6106	5925	55.09	43.11
Static	HDT6	6106	5925	54.49	43.24
Static	HDRPS2	6106	5925	55.08	43.11
Static	HDRPM12	6107	5925	54.96	43.12
Static	HDRPL8	6109	5925	54.49	43.07
Static	HDRPL24	6109	5925	54.96	43.42
Static	XHDRPM8	6107	5925	54.87	43.15
Static	XHDRPL24	6109	5925	54.78	43.63
Static	DH5	6425	7125	58.23	46.67
Static	HDR4	6425	7125	57.50	46.59
Static	HDR8	6425	7125	57.18	46.57
Static	LE1M	6425	7125	57.00	46.22
Static	LE2M	6425	7125	58.30	47.96
Static	HDT3	6425	7125	57.03	45.72
Static	HDT4	6425	7125	57.43	45.79
Static	HDT6	6425	7125	57.24	45.89
Static	HDRPS2	6425	7125	56.54	45.89
Static	HDRPM12	6425	7125	57.35	45.82
Static	HDRPL8	6425	7125	57.10	45.74
Static	HDRPL24	6425	7125	57.03	46.06
Static	XHDRPM8	6425	7125	57.26	45.84
Static	XHDRPL24	6425	7125	56.99	46.29

Table 156 - SISO Authorised Band Edge Results

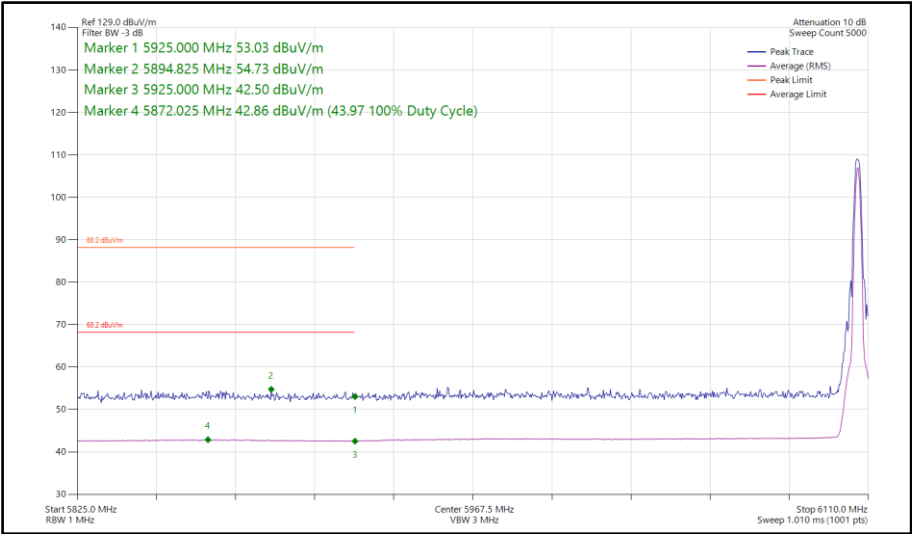


Figure 145 - Bluetooth DH5, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

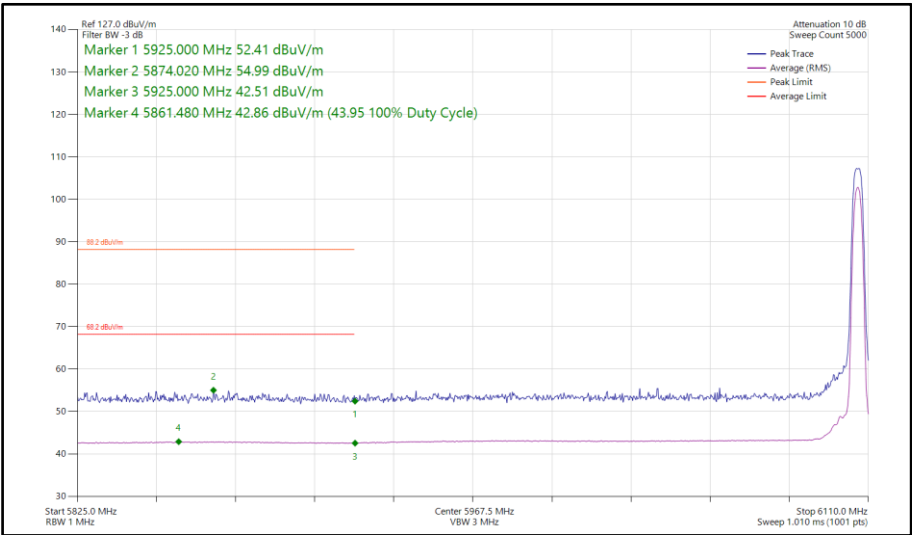


Figure 146 - Bluetooth HDR4, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

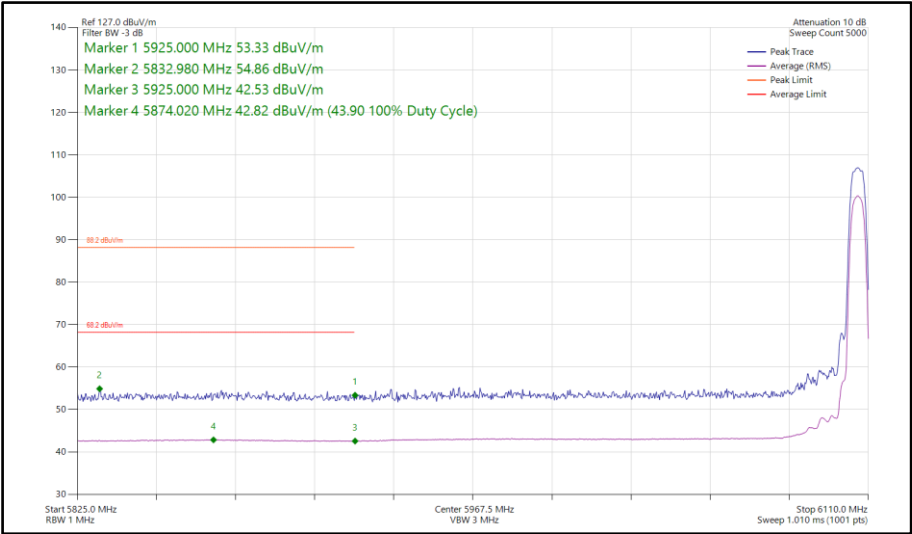


Figure 147 - Bluetooth HDR8, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

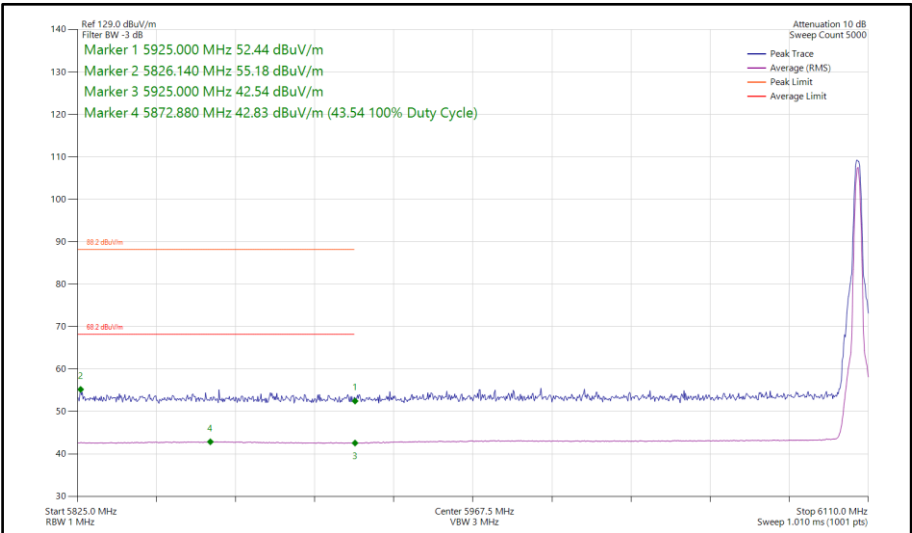


Figure 148 - Bluetooth LE1M, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

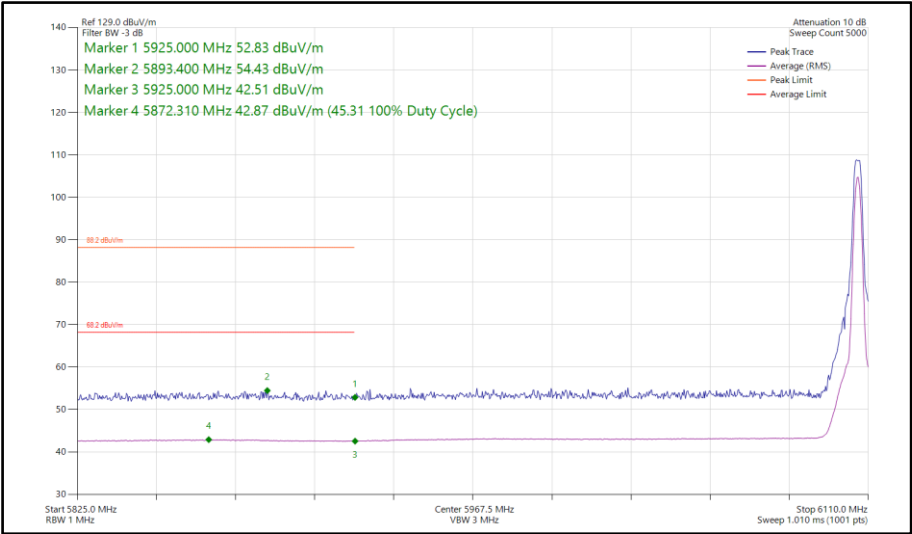


Figure 149 - Bluetooth LE2M, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

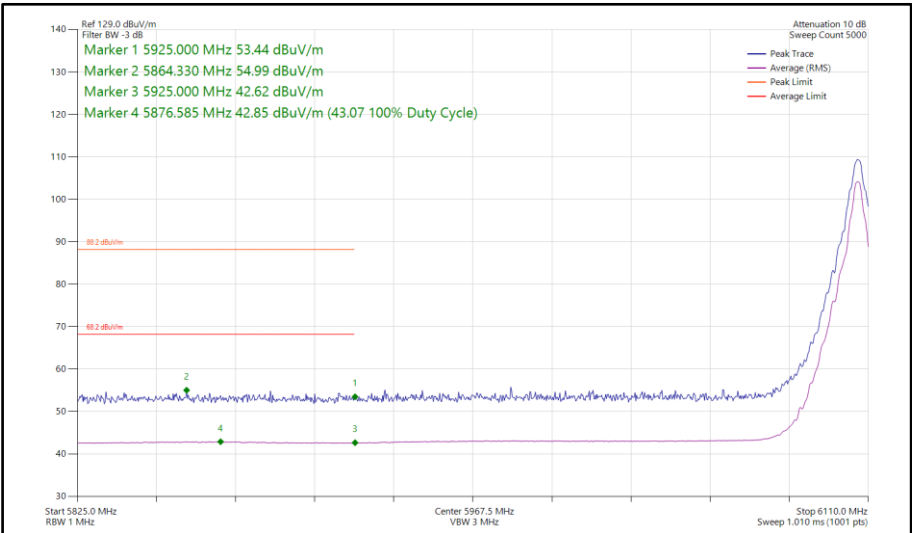


Figure 150 - Bluetooth HDT3, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

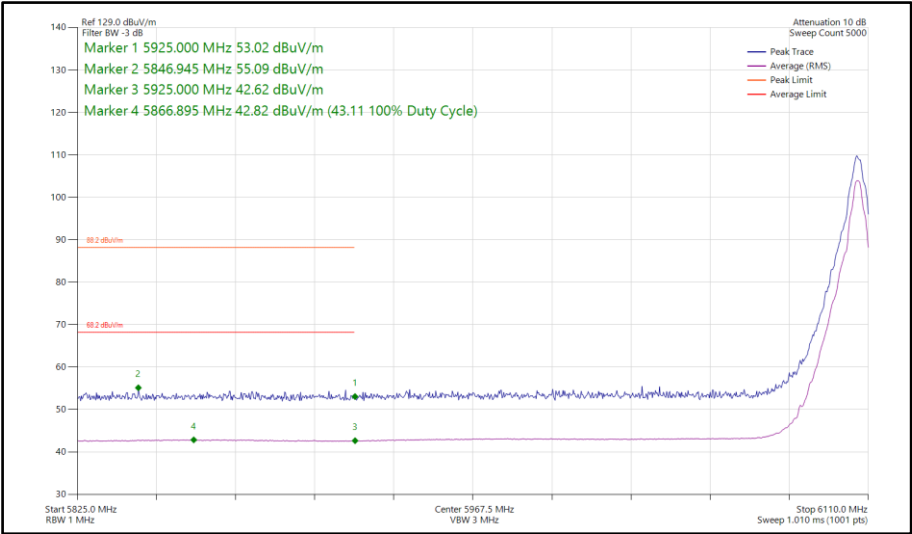


Figure 151 - Bluetooth HDT4, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

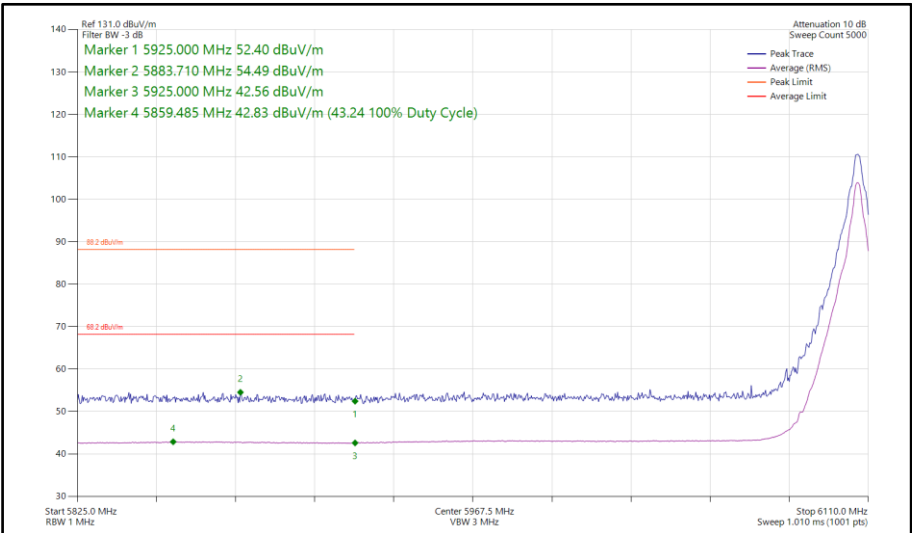


Figure 152 - Bluetooth HDT6, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

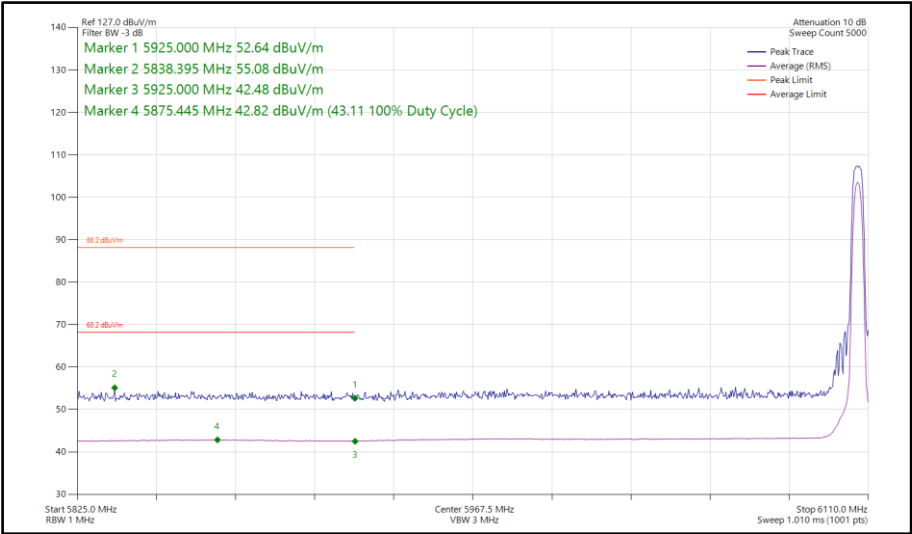


Figure 153 - Bluetooth HDRPS2, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

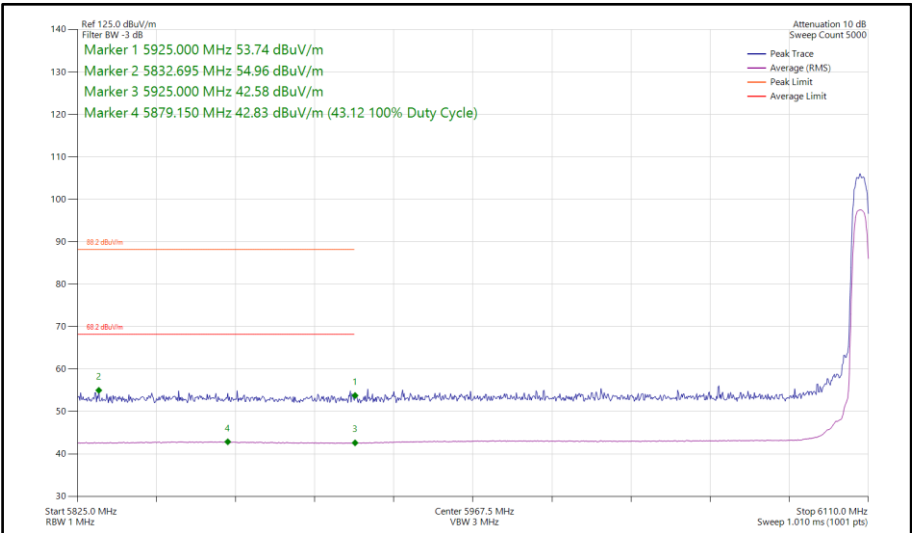


Figure 154 - Bluetooth HDRPM12, SISO, Core 0 - 6107 MHz
Band Edge Frequency 5925 MHz

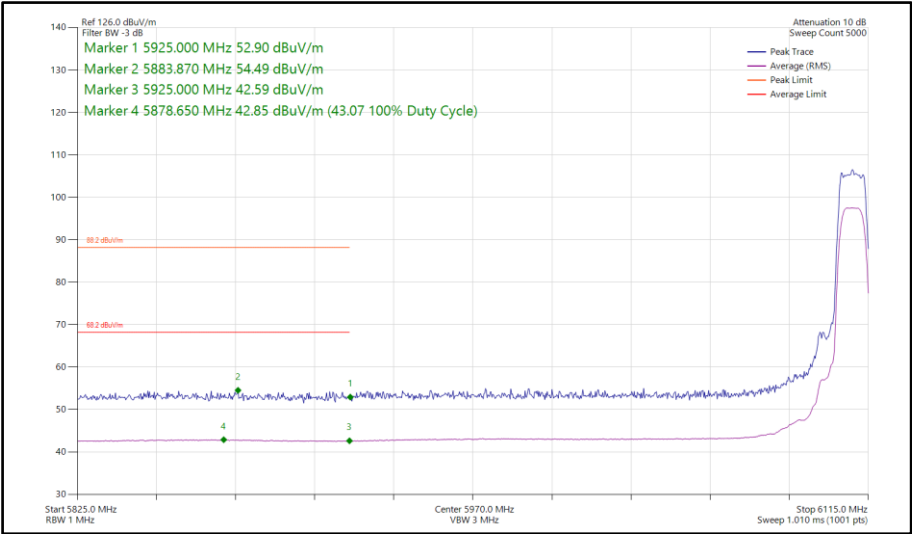


Figure 155 - Bluetooth HDRPL8, SISO, Core 0 - 6109 MHz
Band Edge Frequency 5925 MHz

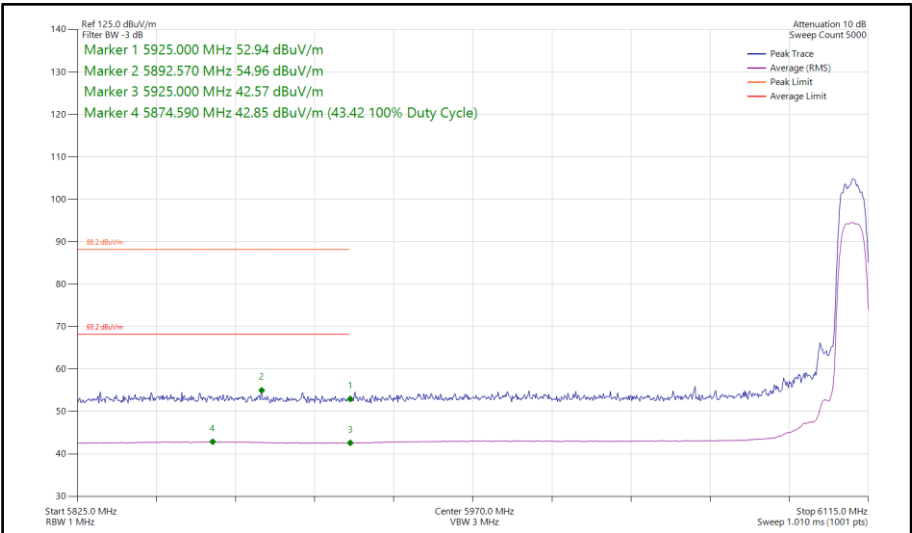


Figure 156 - Bluetooth HDRPL24, SISO, Core 0 - 6109 MHz
Band Edge Frequency 5925 MHz

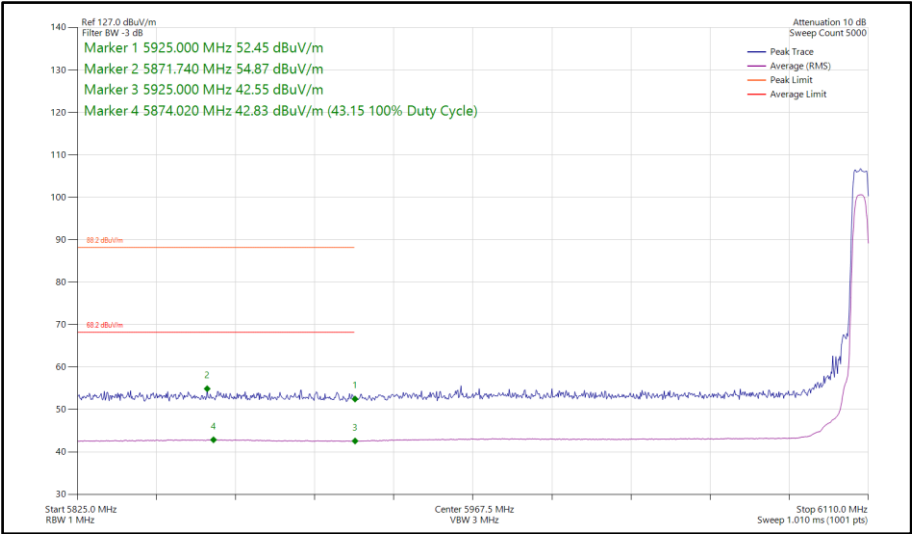


Figure 157 - Bluetooth XHDRPM8, SISO, Core 0 - 6107 MHz
Band Edge Frequency 5925 MHz

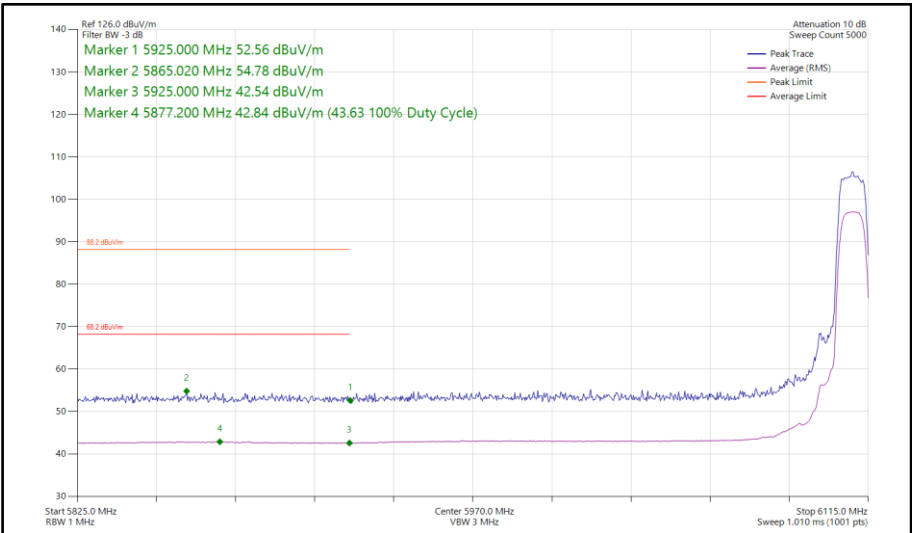


Figure 158 - Bluetooth XHDRPL24, SISO, Core 0 - 6109 MHz
Band Edge Frequency 5925 MHz

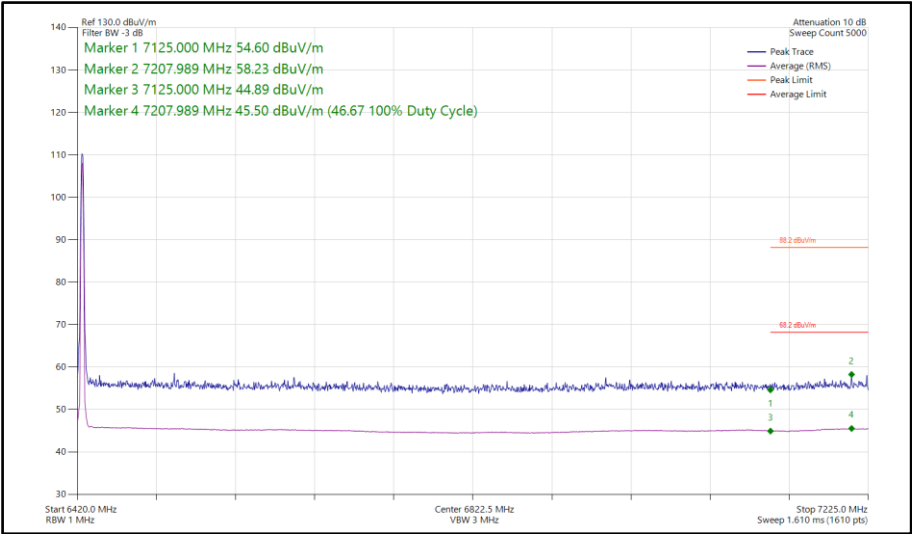


Figure 159 - Bluetooth DH5, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

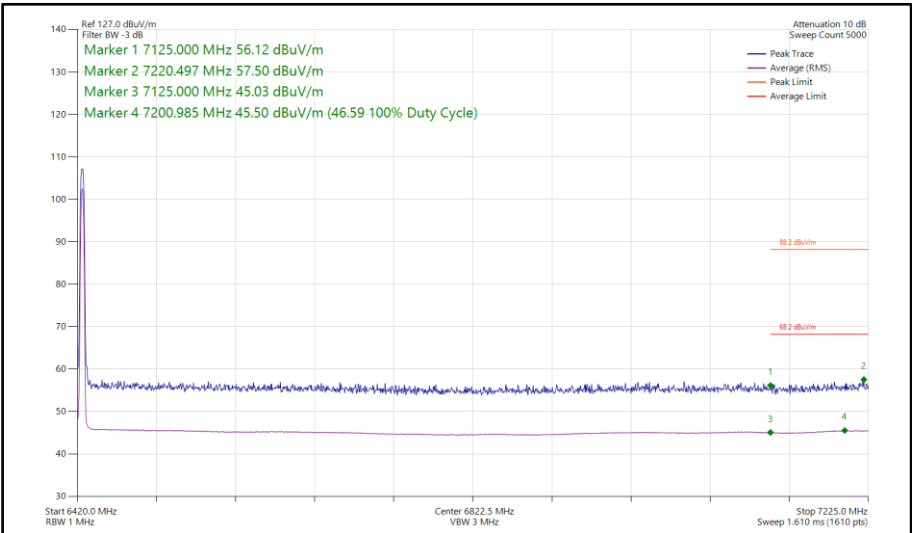


Figure 160 - Bluetooth HDR4, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

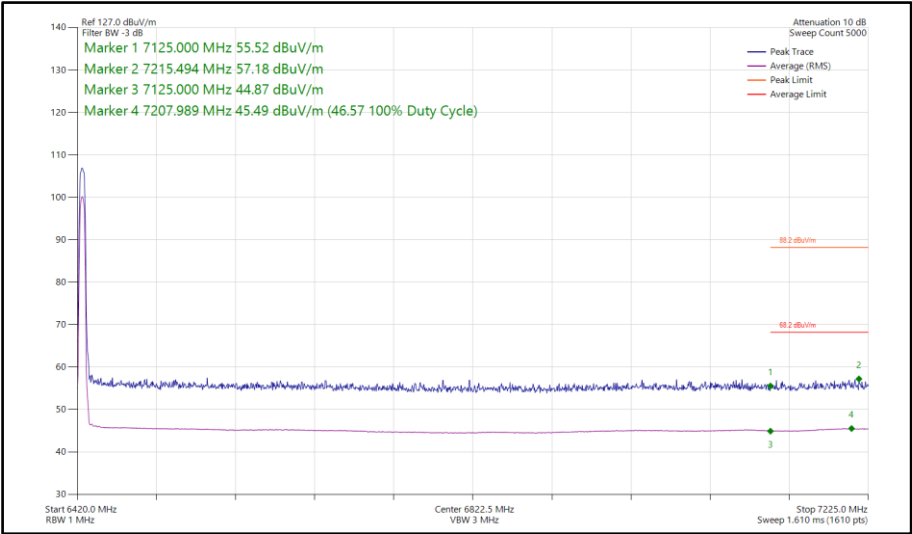


Figure 161 - Bluetooth HDR8, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

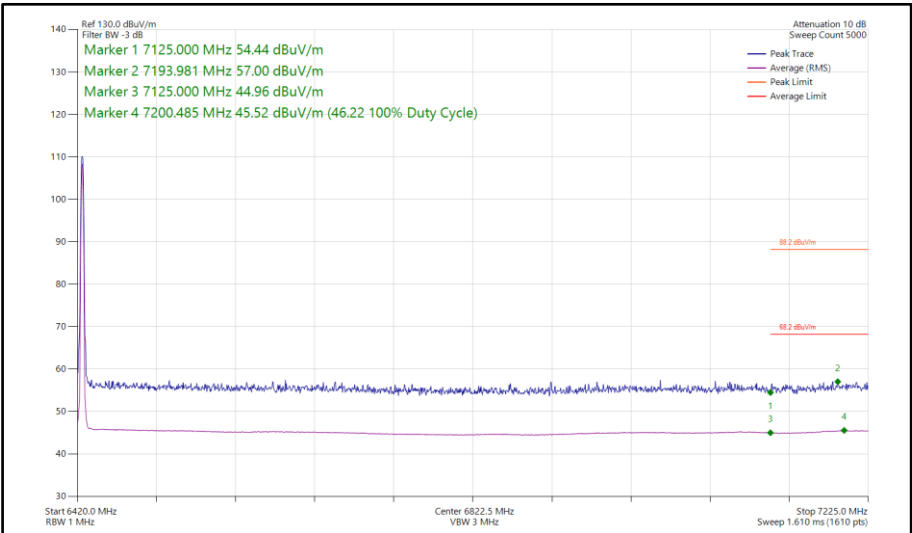


Figure 162 - Bluetooth LE1M, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

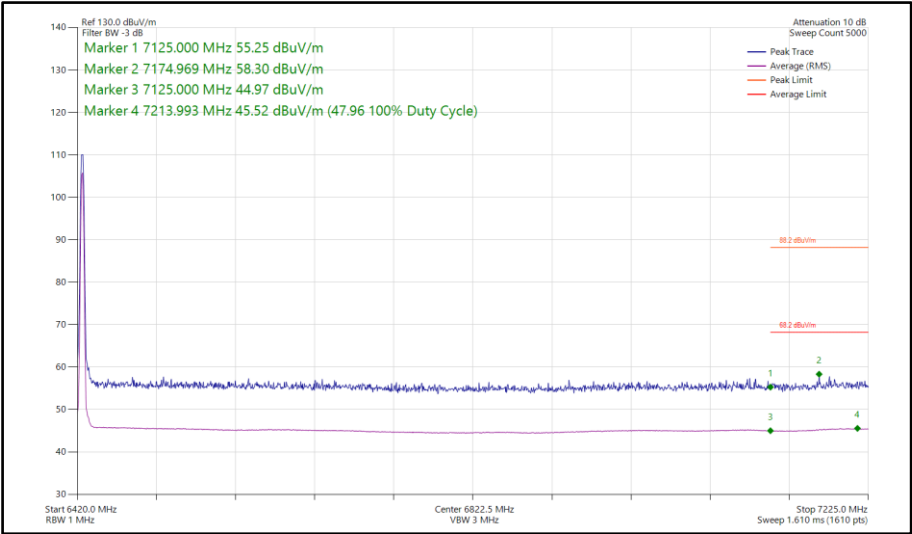


Figure 163 - Bluetooth LE2M, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

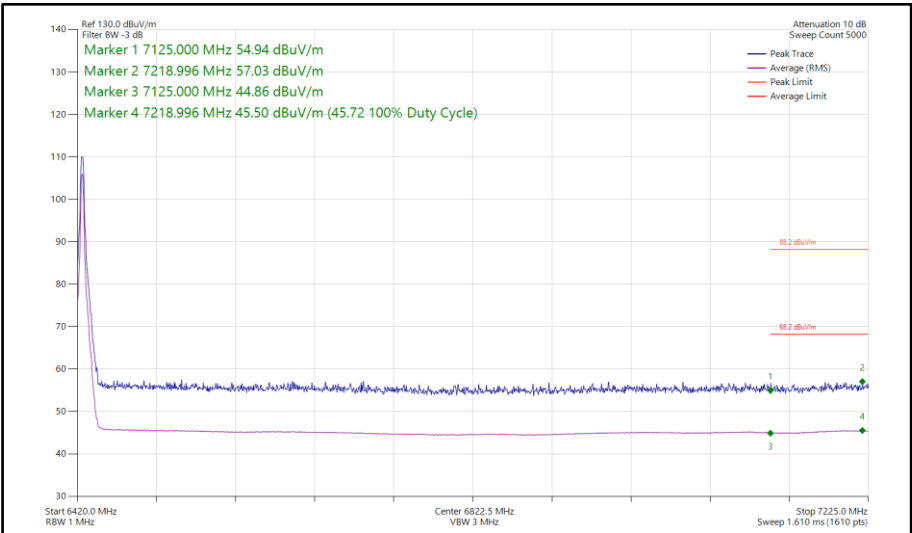


Figure 164 - Bluetooth HDT3, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

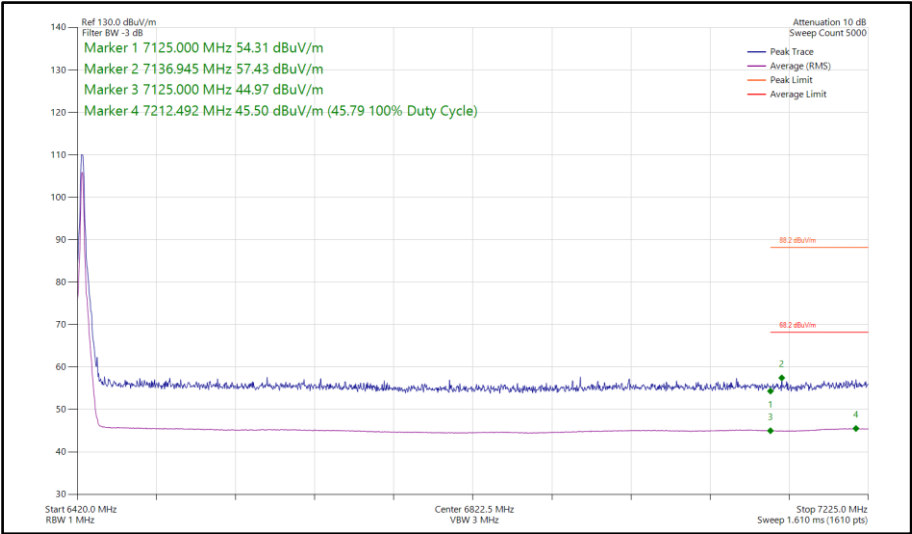


Figure 165 - Bluetooth HDT4, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

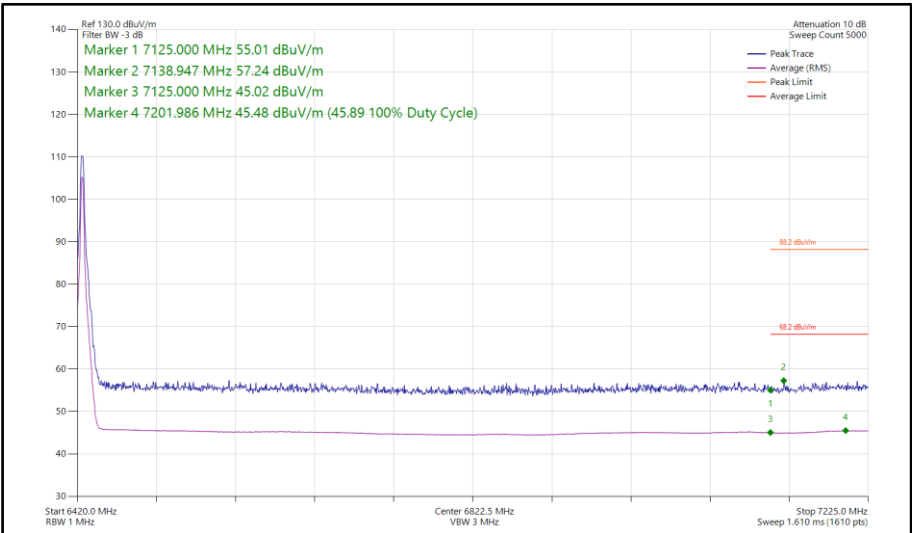


Figure 166 - Bluetooth HDT6, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

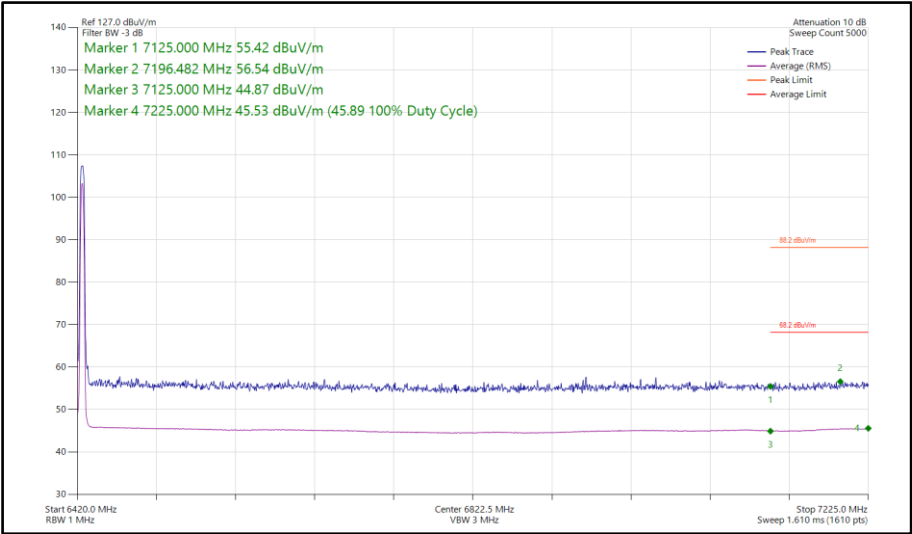


Figure 167 - Bluetooth HDRPS2, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

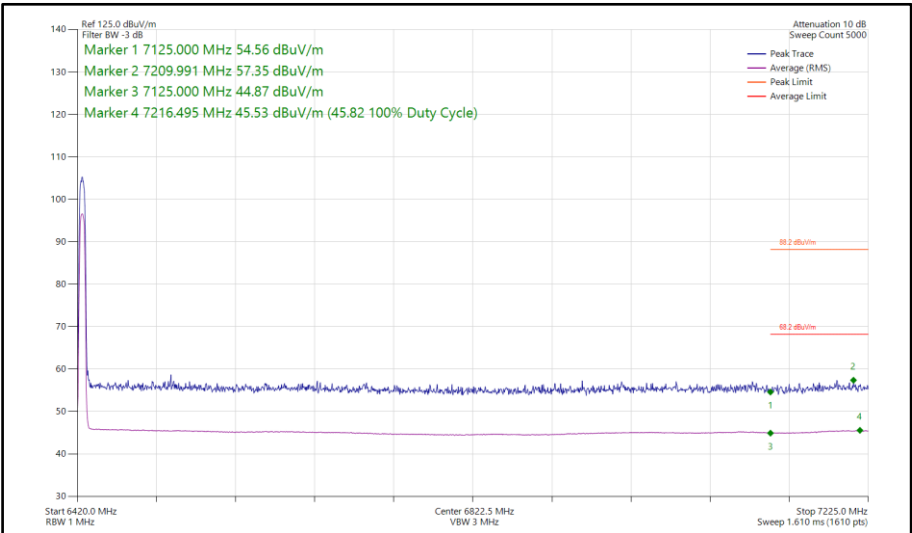


Figure 168 - Bluetooth HDRPM12, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

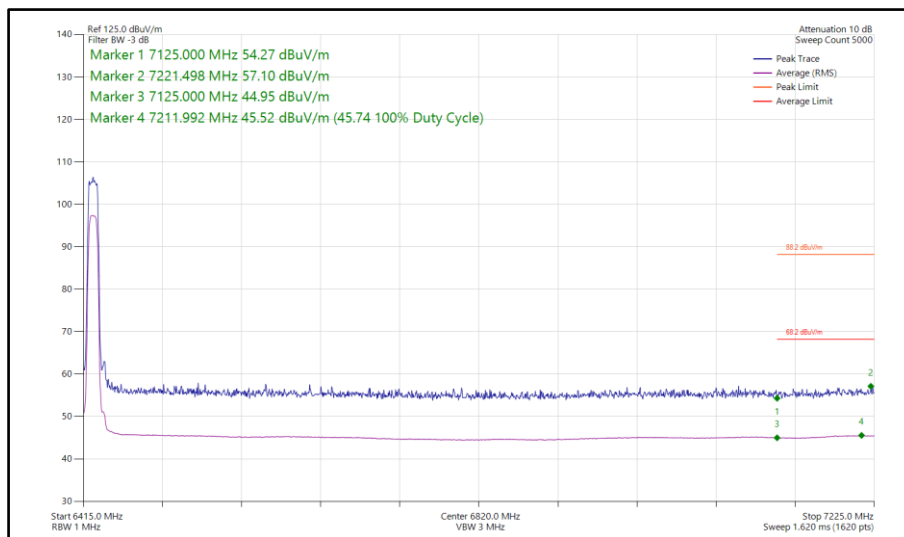


**Figure 169 - Bluetooth HDRPL8, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz**

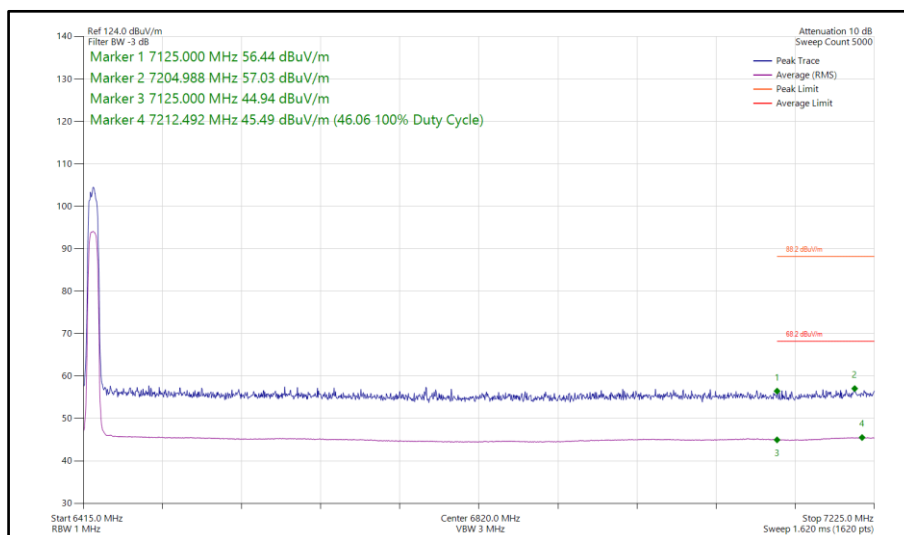


**Figure 170 - Bluetooth HDRPL24, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz**