

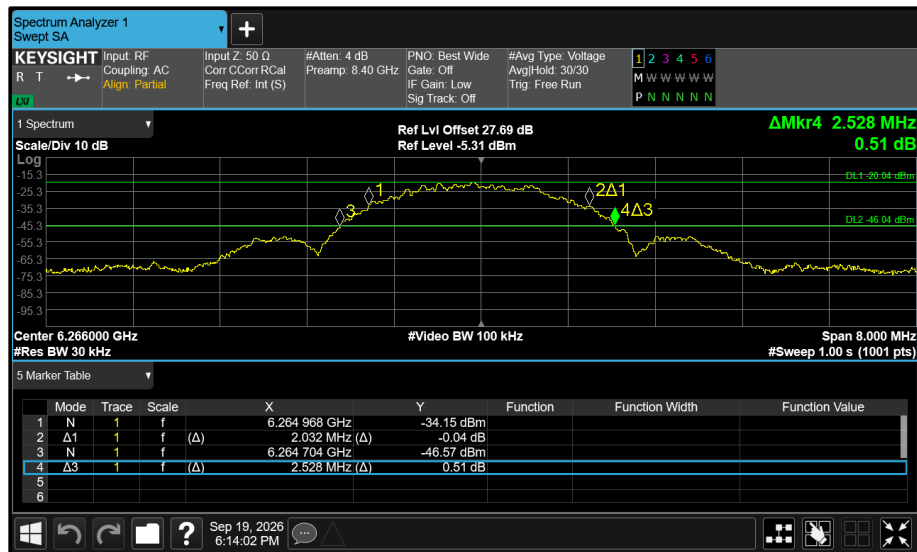


Figure 119 - Core 1 6266 MHz (CH90) 26 dB and 99% Bandwidth

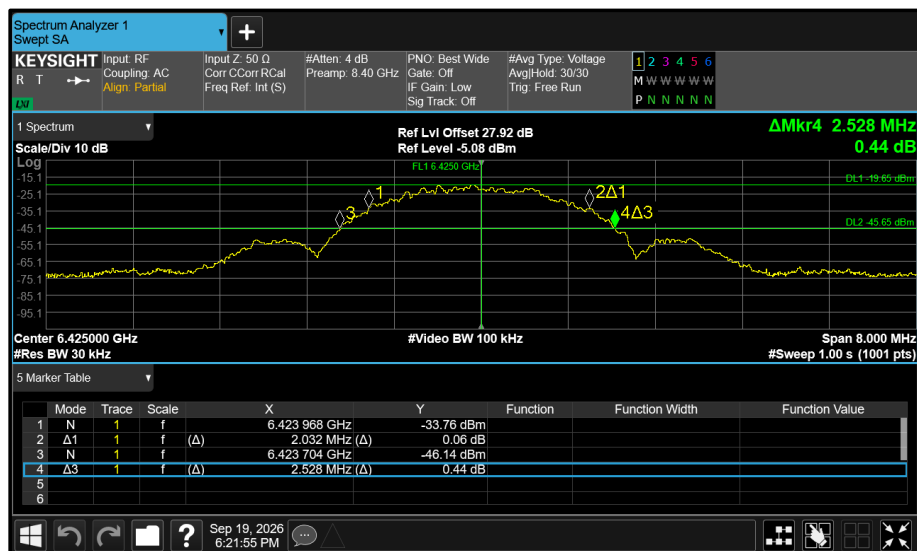


Figure 120 - Core 1 6425 MHz (CH124) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407 (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	1.264	1.264	-	-	320.0
6266	1.264	1.264	-	-	320.0
6425	1.263	1.264	-	-	320.0

Table 156 - 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	0.942	0.948	-	-	320.0

Table 157 - 99% Bandwidth Results

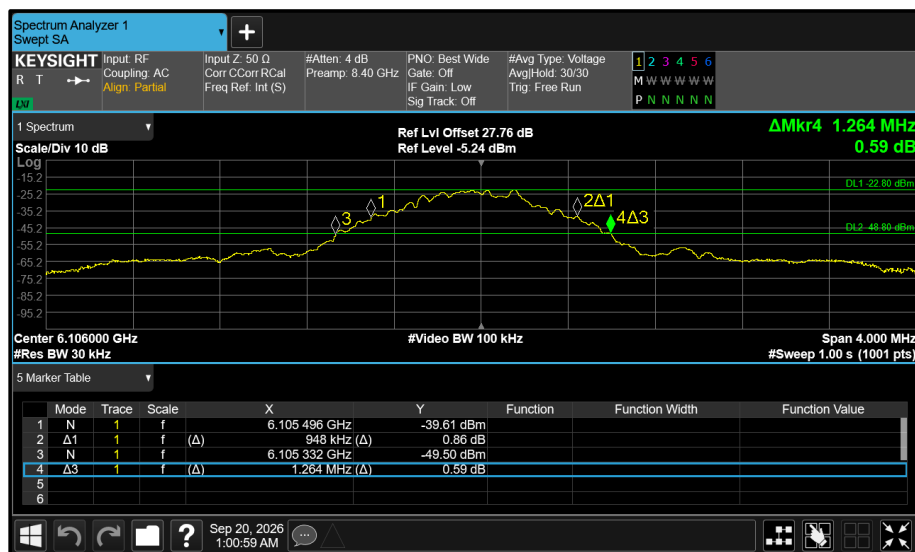


Figure 121 - Core 0 6106 MHz (CH55) 26 dB and 99% Bandwidth

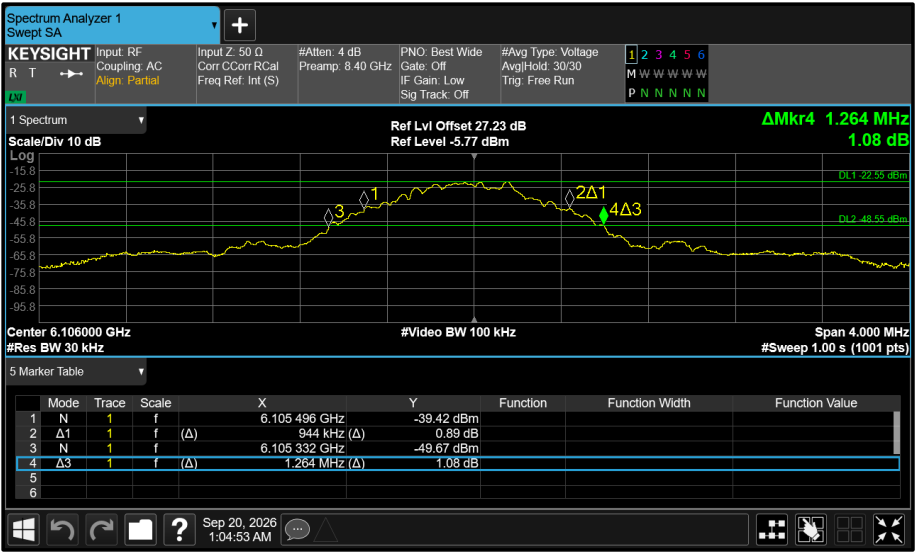


Figure 122 - Core 1 6106 MHz (CH55) 26 dB and 99% Bandwidth

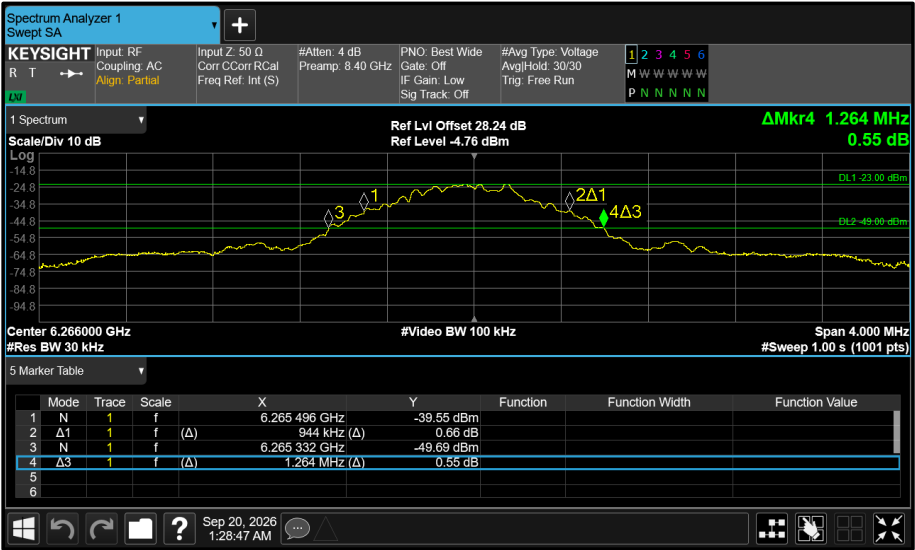


Figure 123 - Core 0 6266 MHz (CH90) 26 dB and 99% Bandwidth

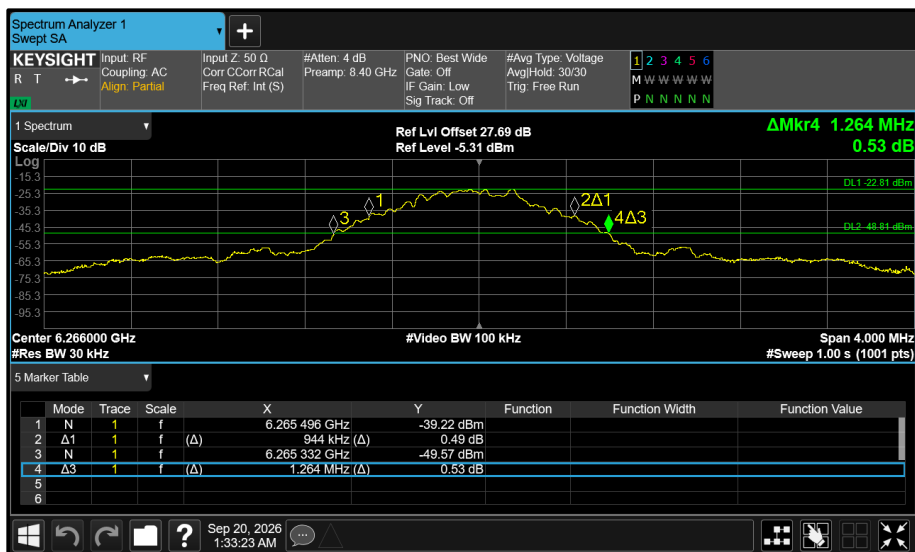


Figure 124 - Core 1 6266 MHz (CH90) 26 dB and 99% Bandwidth

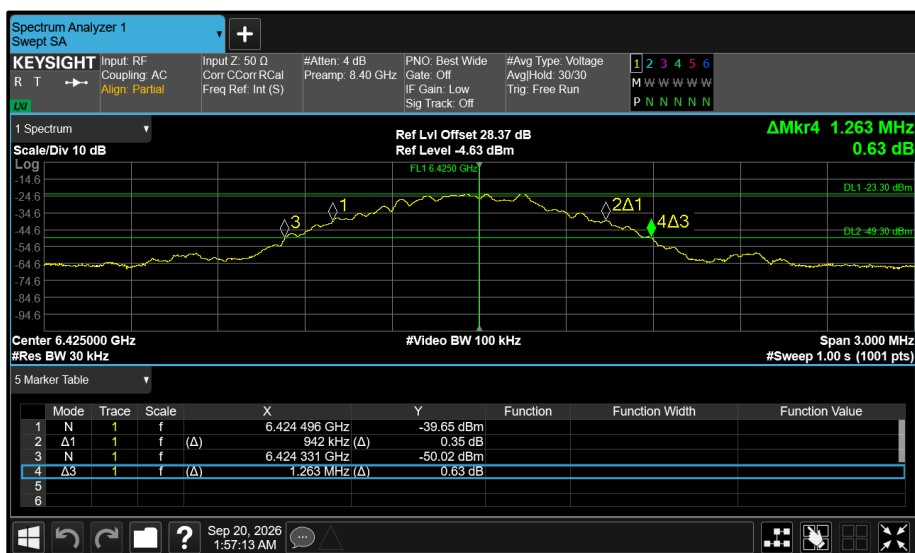


Figure 125 - Core 0 6425 MHz (CH124) 26 dB and 99% Bandwidth



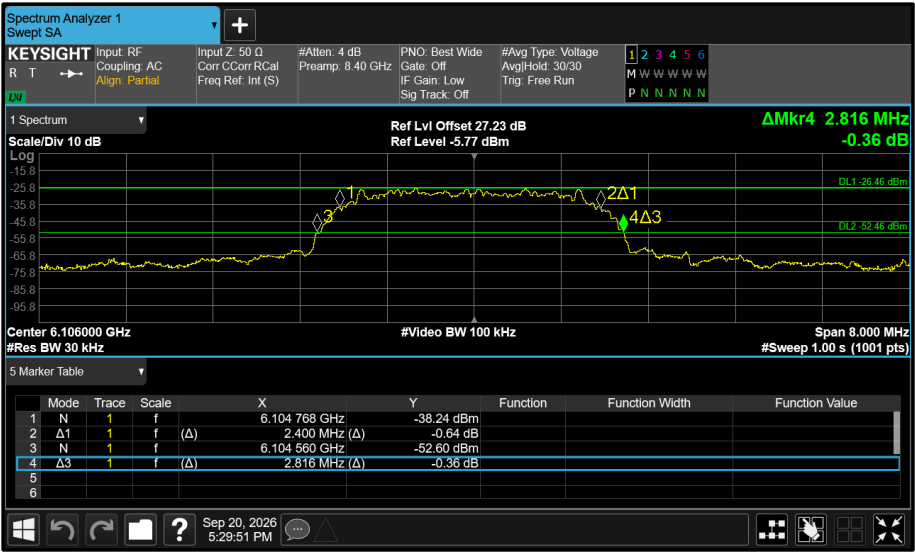


Figure 128 - Core 1 6106 MHz (CH55) 26 dB and 99% Bandwidth

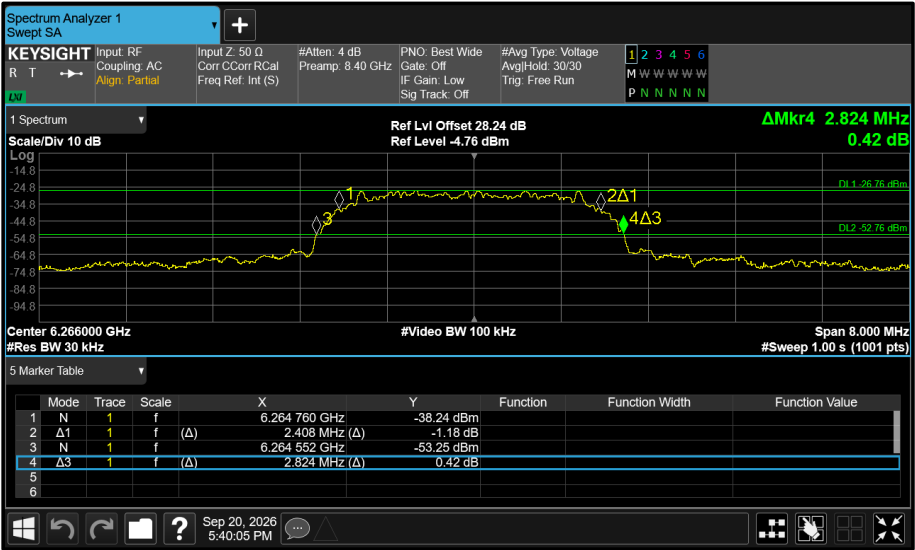


Figure 129 - Core 0 6266 MHz (CH90) 26 dB and 99% Bandwidth

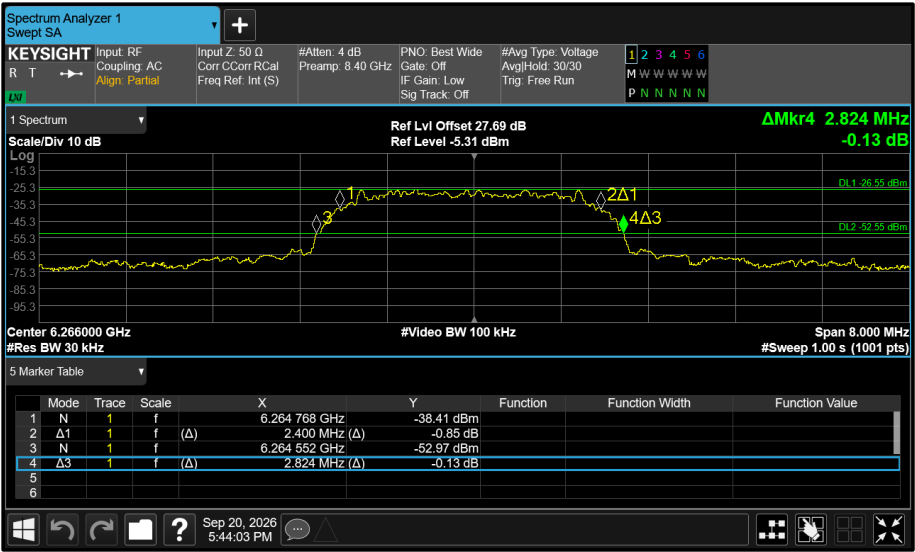


Figure 130 - Core 1 6266 MHz (CH90) 26 dB and 99% Bandwidth

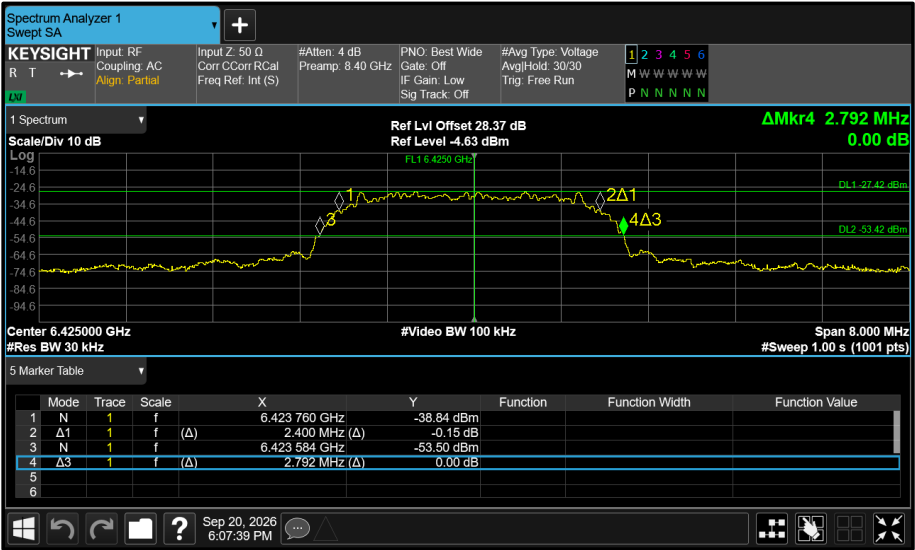


Figure 131 - Core 0 6425 MHz (CH124) 26 dB and 99% Bandwidth

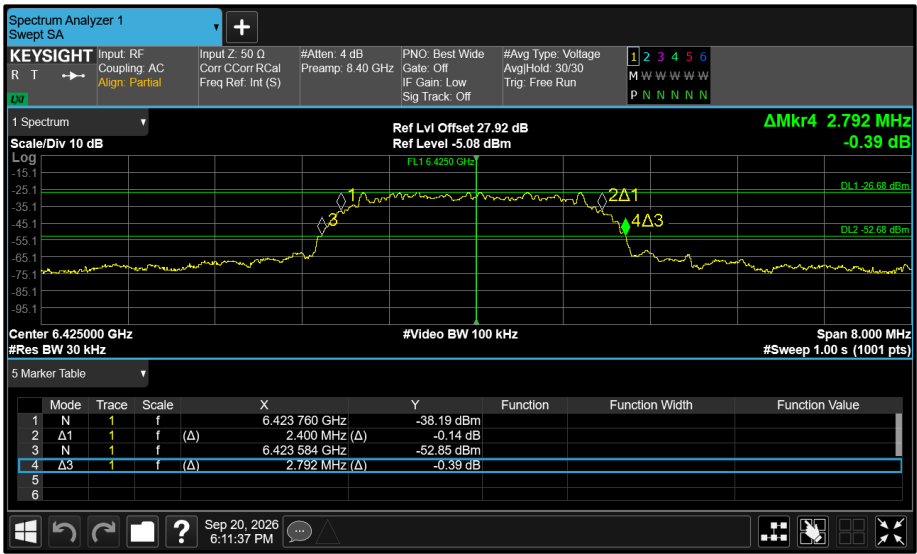


Figure 132 - Core 1 6425 MHz (CH124) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407 (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 160 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6106	4.650	4.650	-	-	320.0
6266	4.650	4.650	-	-	320.0
6425	4.650	4.650	-	-	320.0

Table 161 - 99% Bandwidth Results

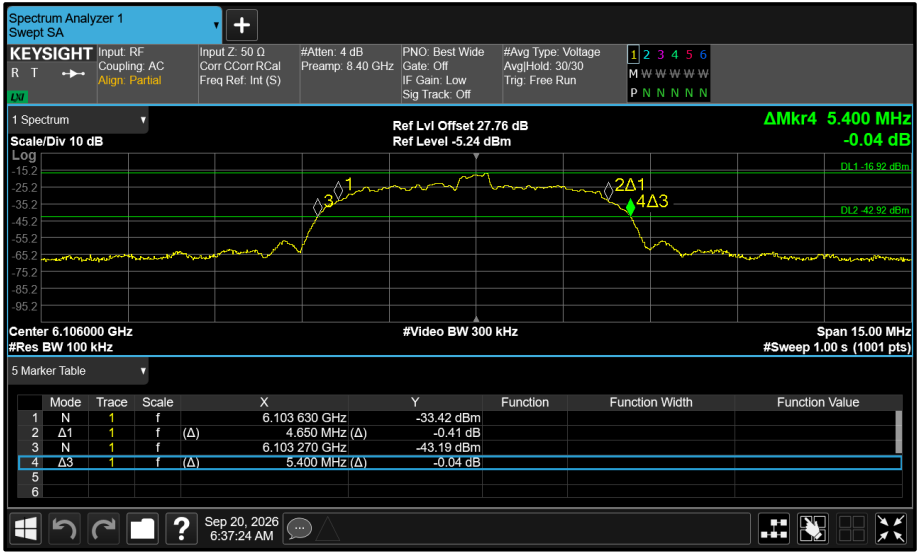
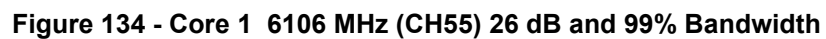
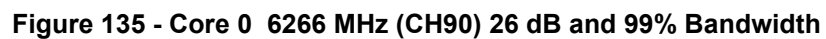


Figure 133 - Core 0 6106 MHz (CH55) 26 dB and 99% Bandwidth



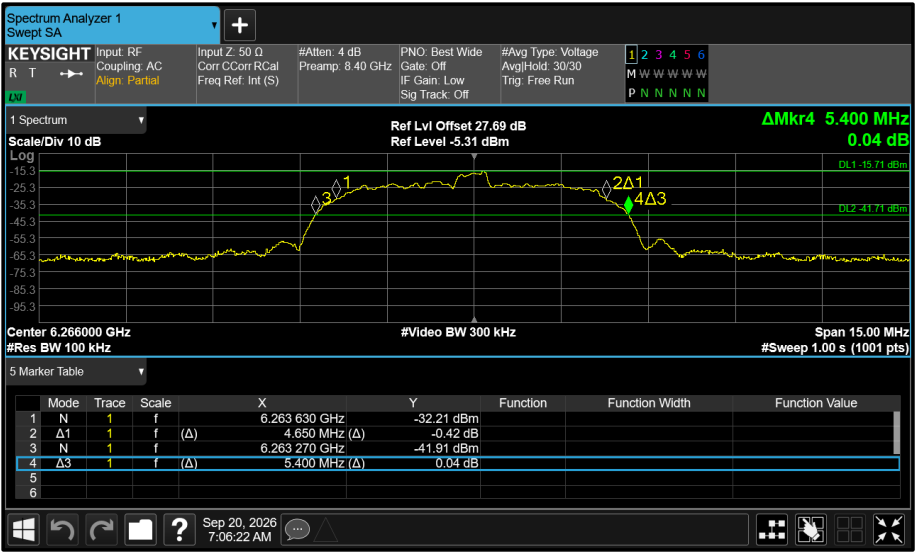


Figure 136 - Core 1 6266 MHz (CH90) 26 dB and 99% Bandwidth

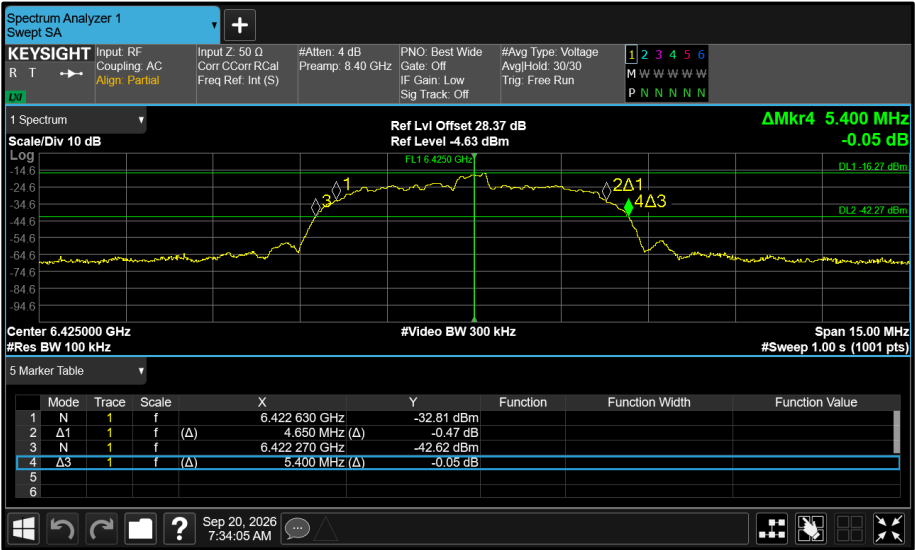


Figure 137 - Core 0 6425 MHz (CH124) 26 dB and 99% Bandwidth

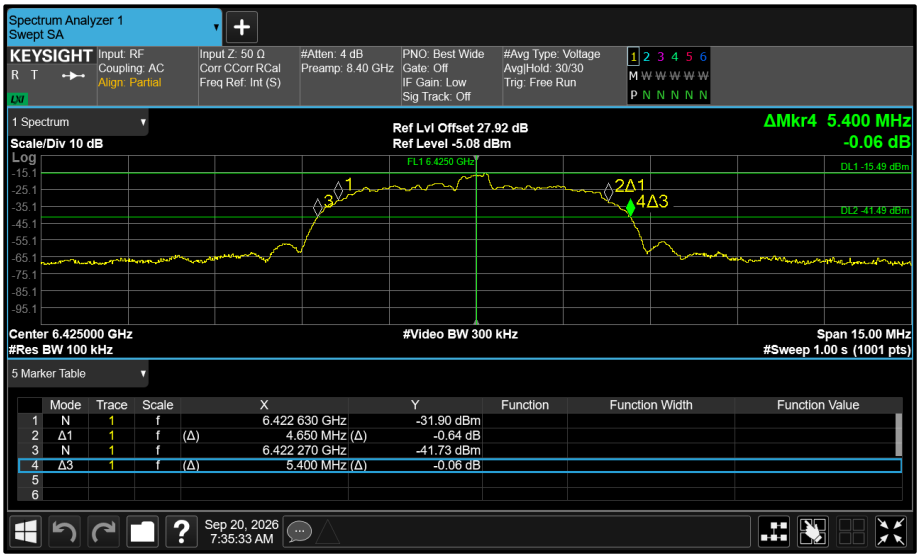


Figure 138 - Core 1 6425 MHz (CH124) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407 (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 (HDRPM4)	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	5.420	5.420	-	-	320.0
6266	5.420	5.420	-	-	320.0
6425	5.420	5.420	-	-	320.0

Table 162 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (MHz)
	A	B	C	D	
6107	4.760	4.740	-	-	320.0
6266	4.740	4.740	-	-	320.0
6425	4.740	4.740	-	-	320.0

Table 163 - 99% Bandwidth Results

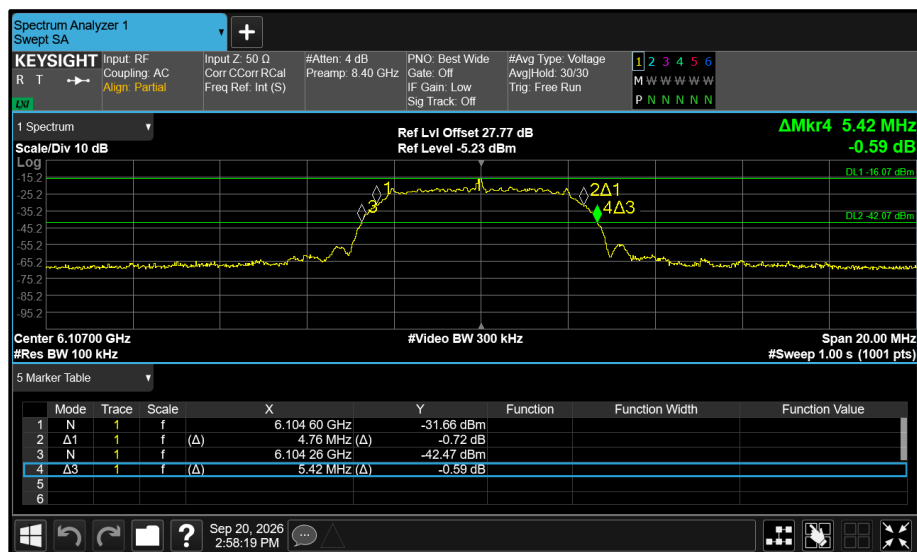


Figure 139 - Core 0 6107 MHz (CH56) 26 dB and 99% Bandwidth

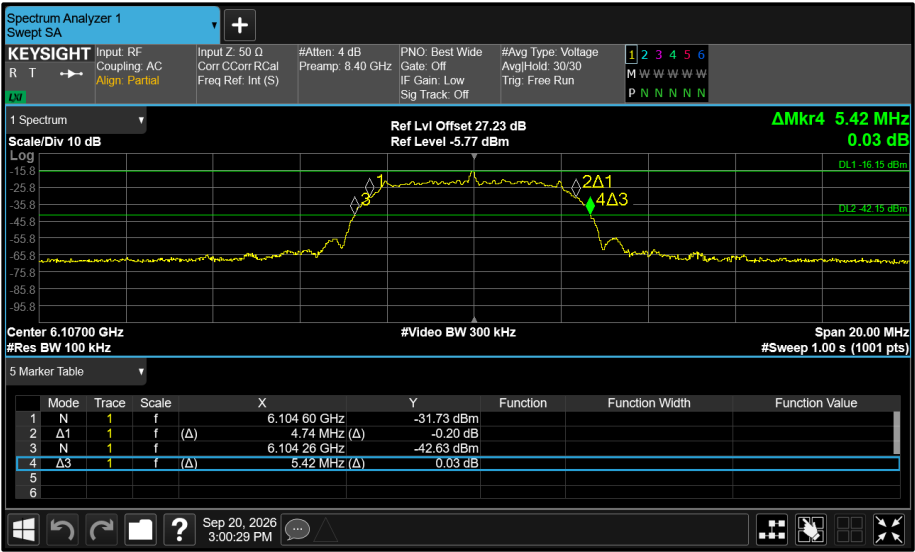


Figure 140 - Core 1 6107 MHz (CH56) 26 dB and 99% Bandwidth

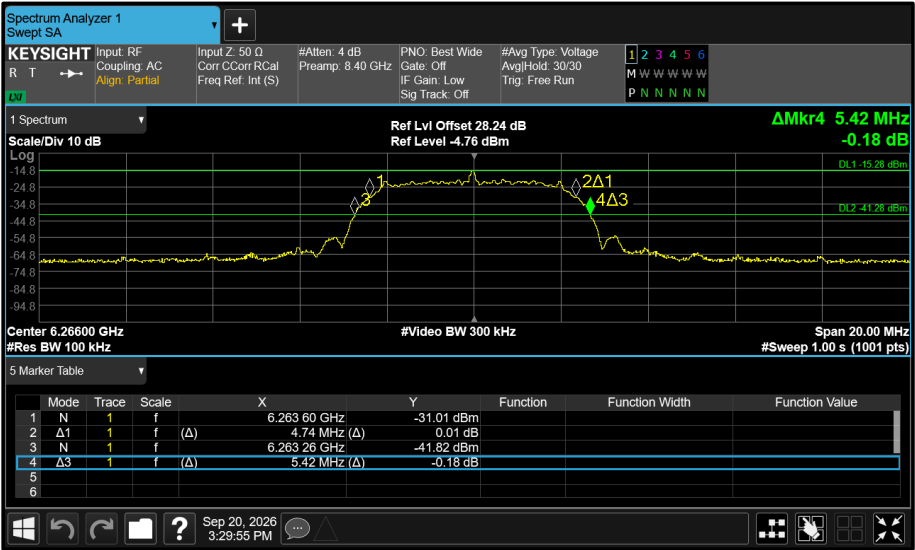


Figure 141 - Core 0 6266 MHz (CH90) 26 dB and 99% Bandwidth

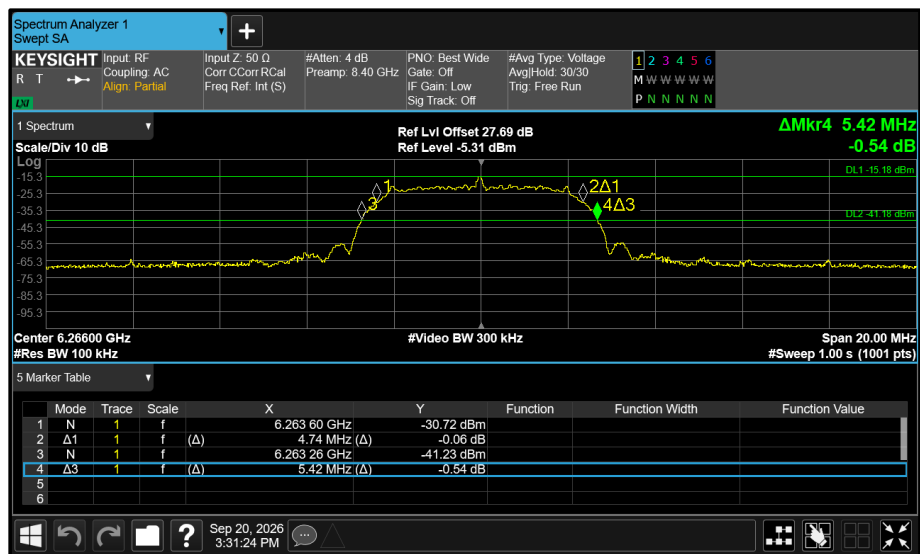


Figure 142 - Core 1 6266 MHz (CH90) 26 dB and 99% Bandwidth

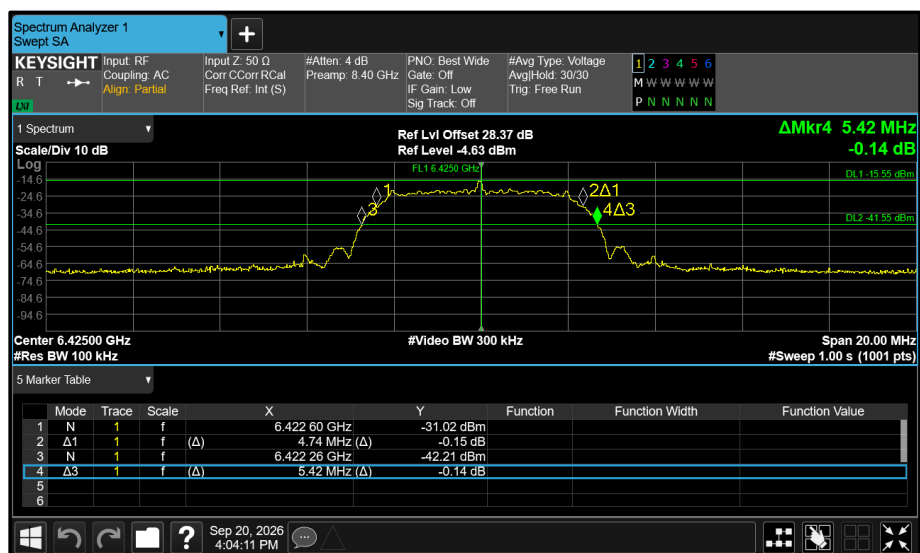


Figure 143 - Core 0 6425 MHz (CH124) 26 dB and 99% Bandwidth

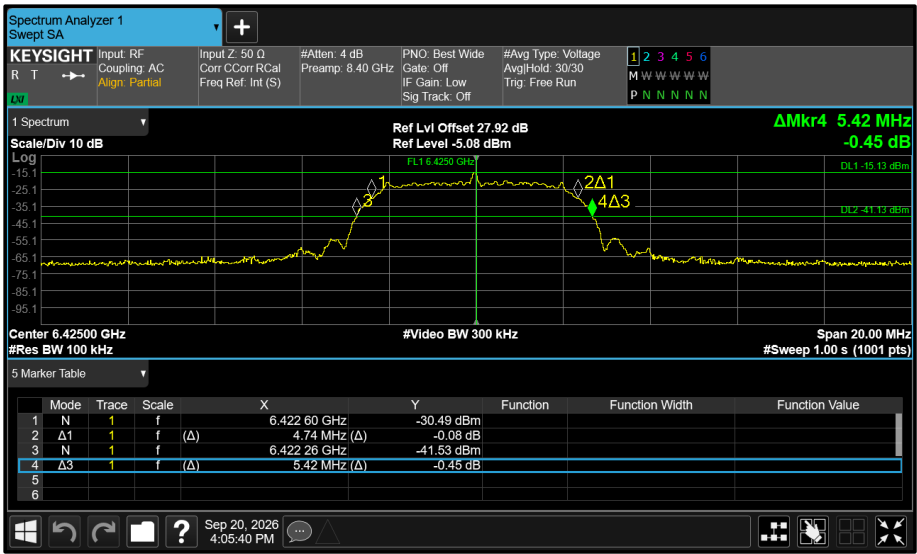


Figure 144 - Core 1 6425 MHz (CH124) 26 dB and 99% Bandwidth



Test Configuration			
Frequency Range:	5.925-6.425 GHz	Band:	U-NII-5
Limit Clause(s):	15.407 (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	5.420	5.420	-	-	320.0
6266	5.420	5.420	-	-	320.0
6425	5.400	5.440	-	-	320.0

Table 164 - 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 165 - 99% Bandwidth Results

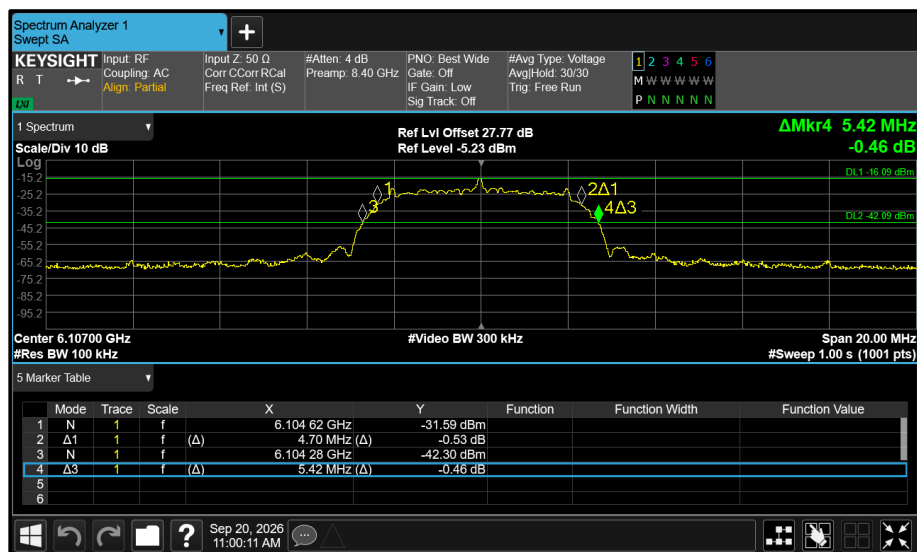


Figure 145 - Core 0 6107 MHz (CH56) 26 dB and 99% Bandwidth

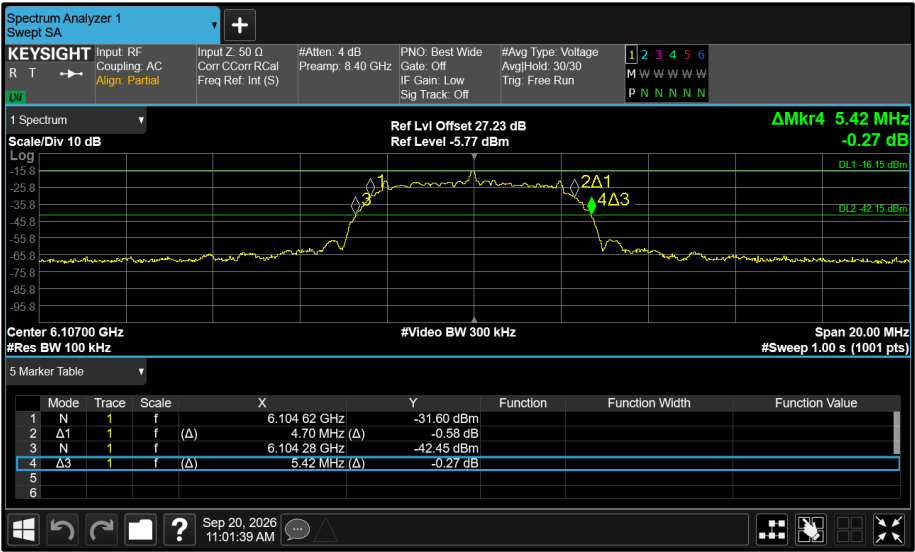


Figure 146 - Core 1 6107 MHz (CH56) 26 dB and 99% Bandwidth

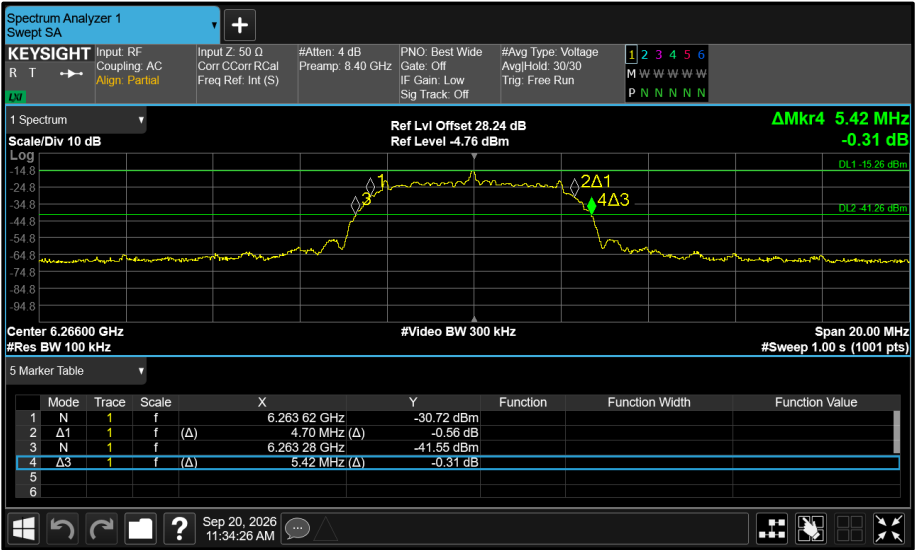


Figure 147 - Core 0 6266 MHz (CH90) 26 dB and 99% Bandwidth

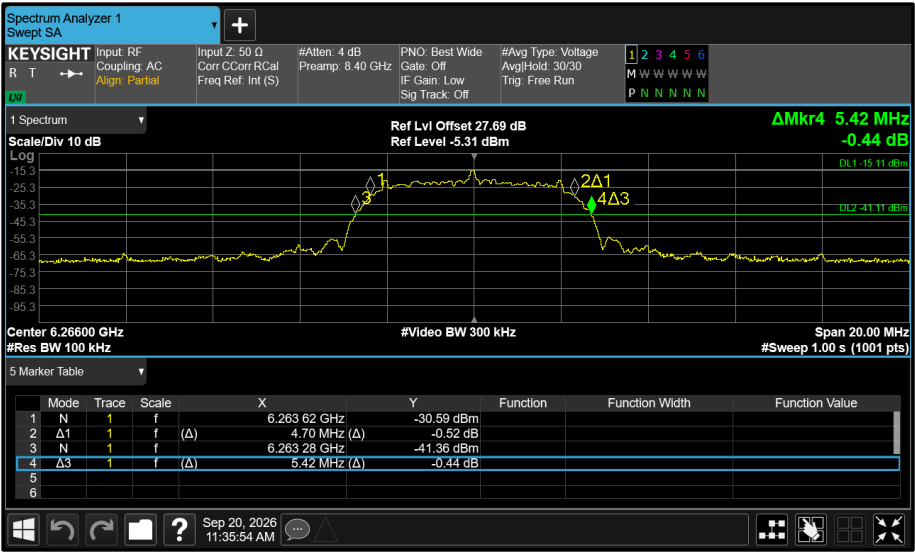


Figure 148 - Core 1 6266 MHz (CH90) 26 dB and 99% Bandwidth

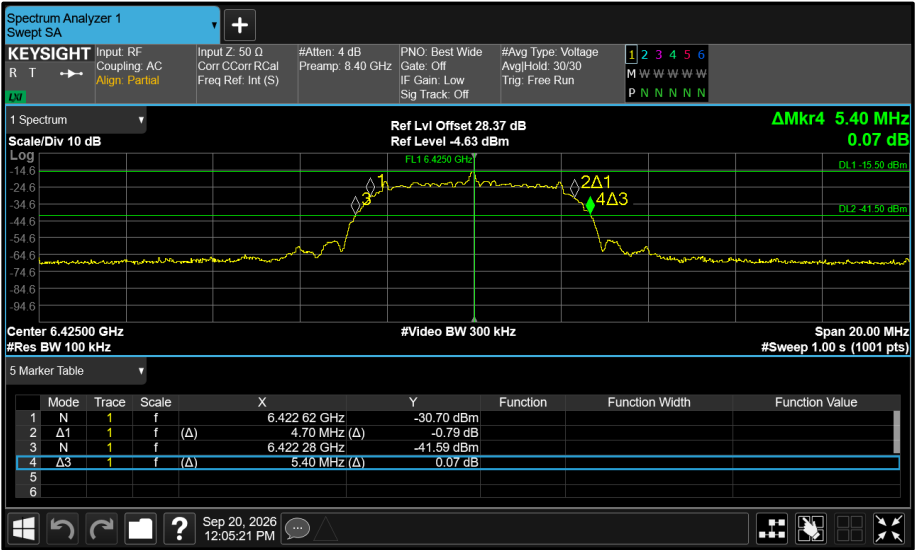


Figure 149 - Core 0 6425 MHz (CH124) 26 dB and 99% Bandwidth

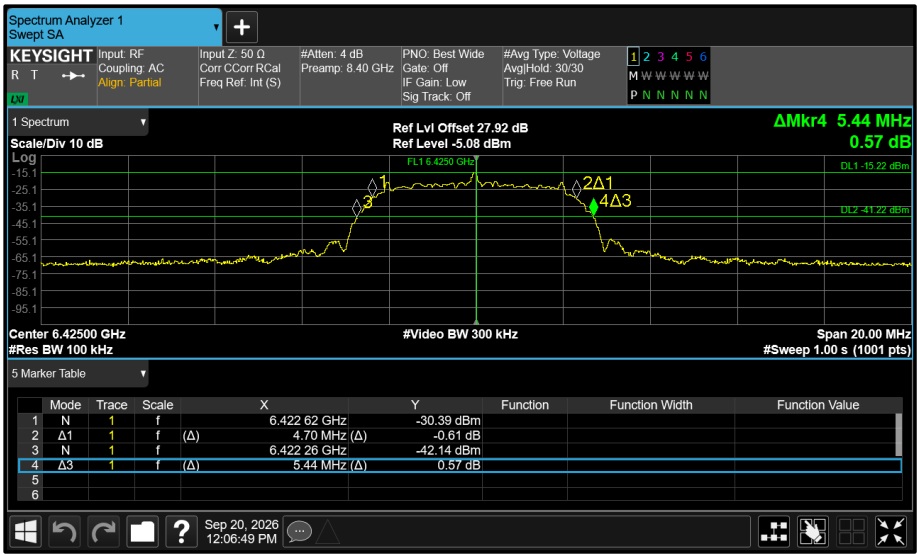


Figure 150 - Core 1 6425 MHz (CH124) 26 dB and 99% Bandwidth

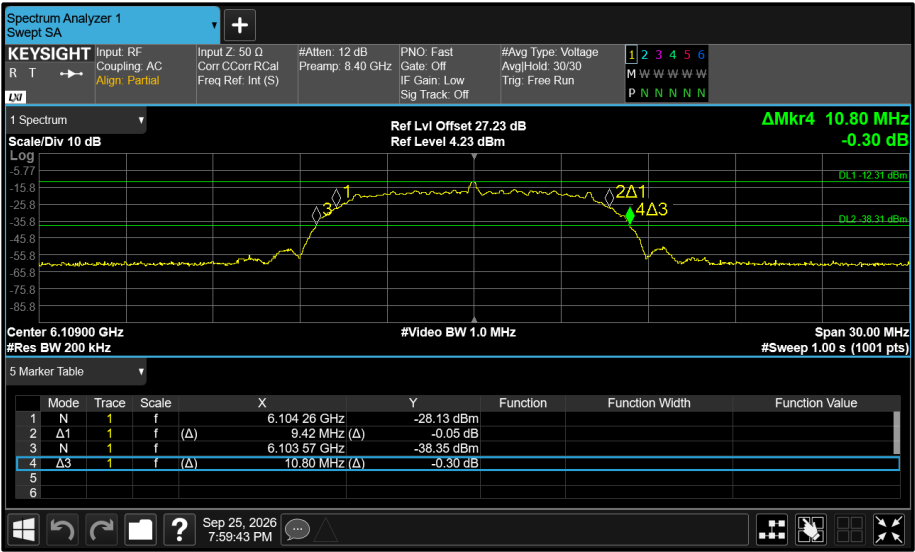


Figure 152 - Core 1 6109 MHz (CH58) 26 dB and 99% Bandwidth

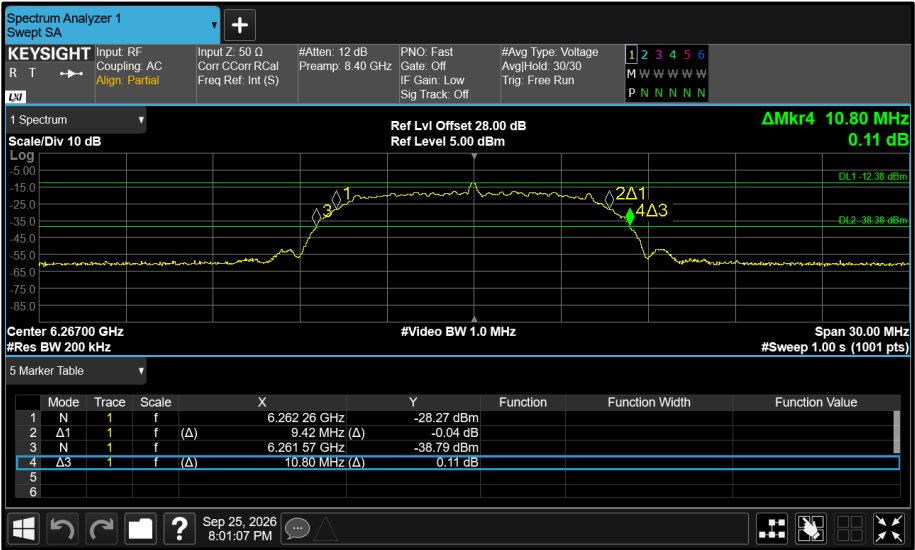


Figure 153 - Core 0 6267 MHz (CH91) 26 dB and 99% Bandwidth

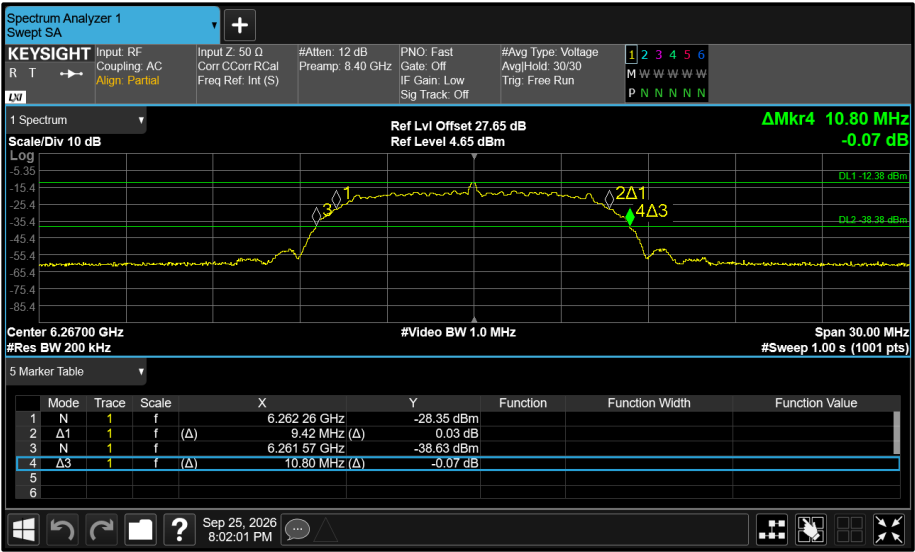


Figure 154 - Core 1 6267 MHz (CH91) 26 dB and 99% Bandwidth

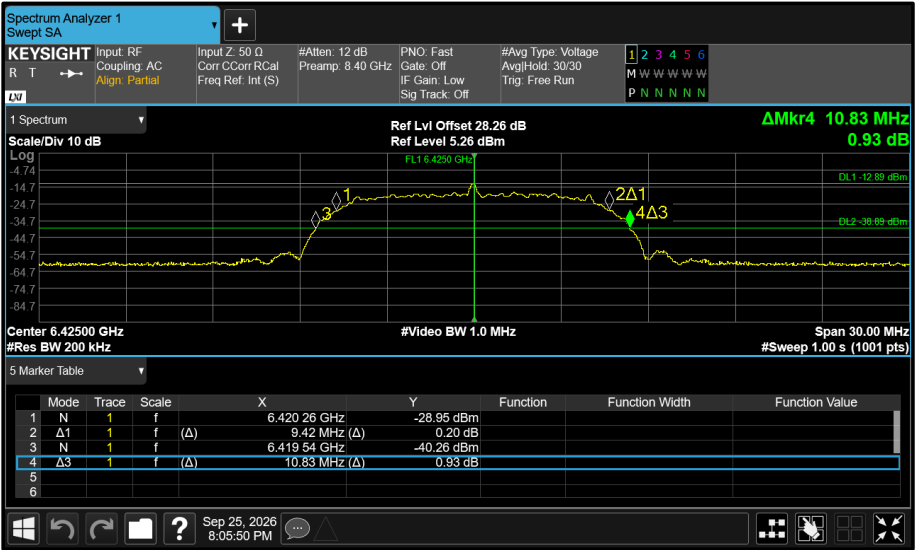


Figure 155 - Core 0 6425 MHz (CH124) 26 dB and 99% Bandwidth

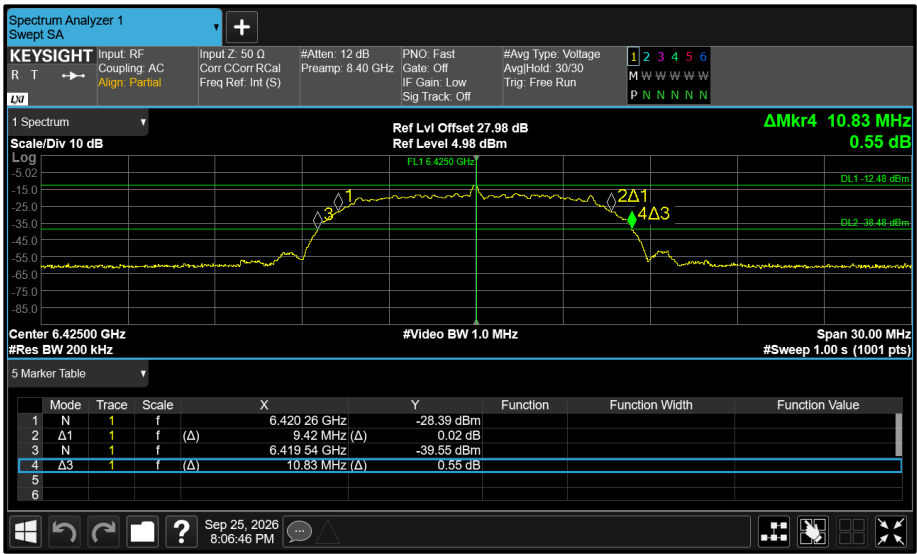


Figure 156 - Core 1 6425 MHz (CH124) 26 dB and 99% Bandwidth

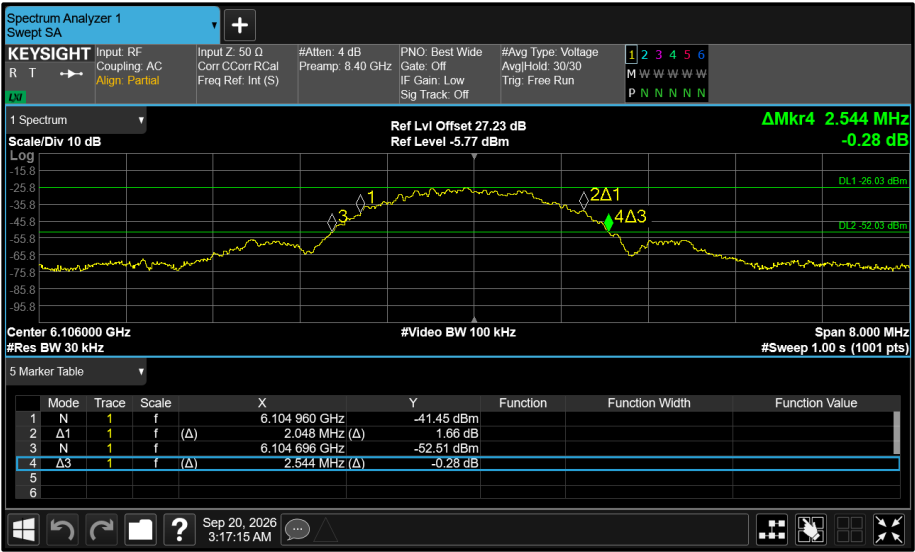


Figure 158 - Core 1 6106 MHz (CH55) 26 dB and 99% Bandwidth

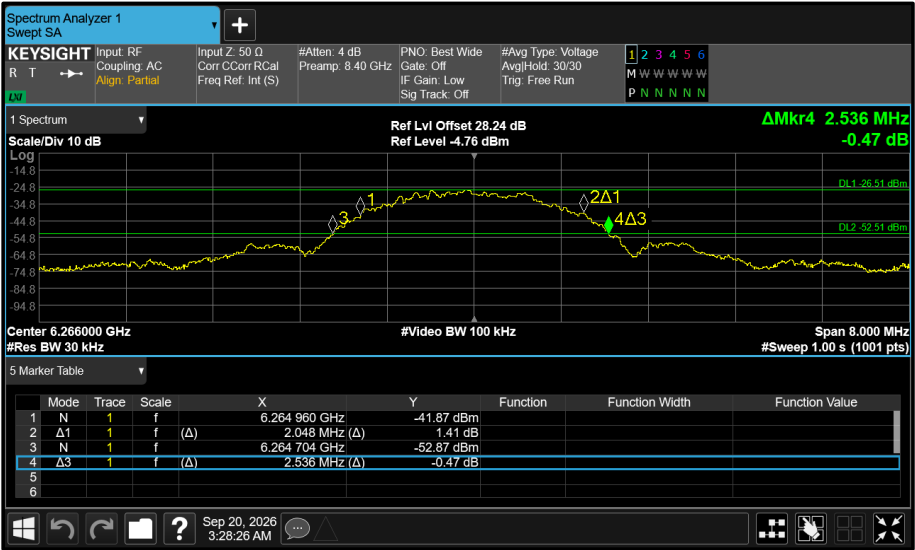


Figure 159 - Core 0 6266 MHz (CH90) 26 dB and 99% Bandwidth

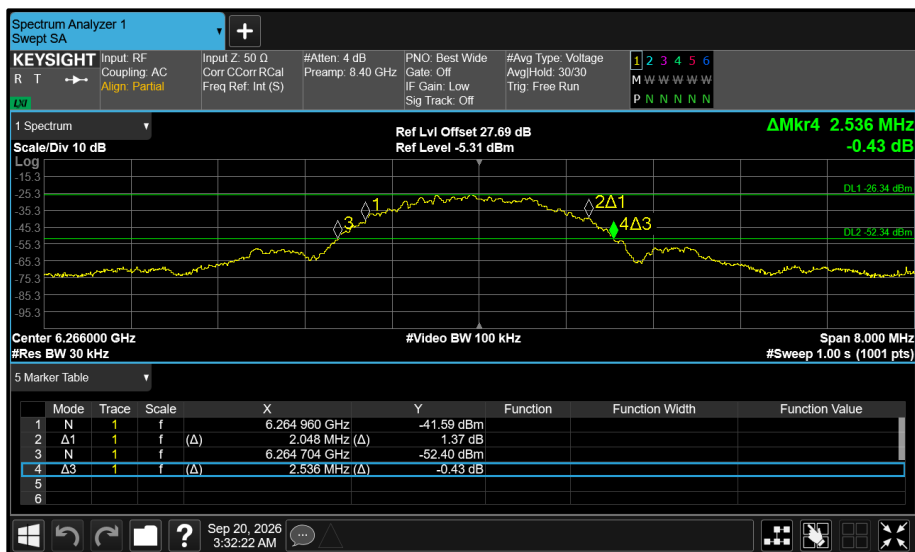


Figure 160 - Core 1 6266 MHz (CH90) 26 dB and 99% Bandwidth

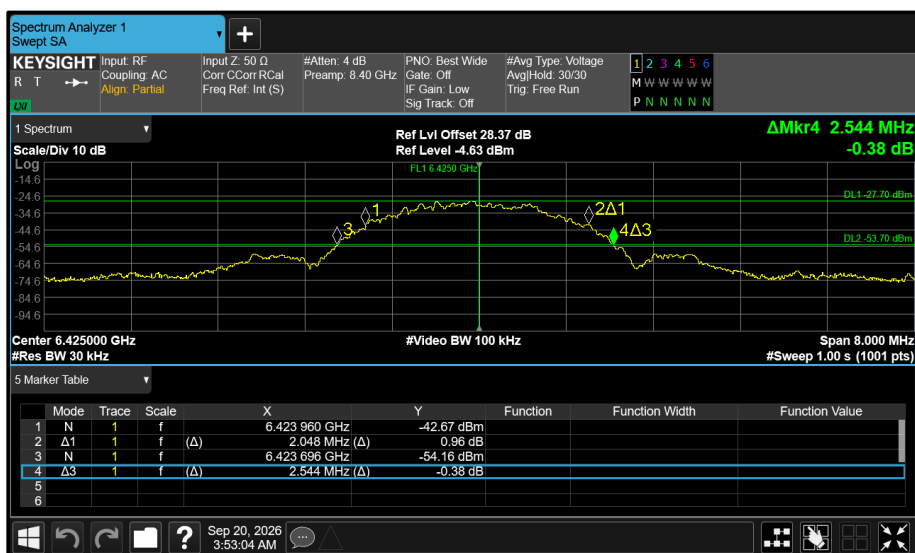


Figure 161 - Core 0 6425 MHz (CH124) 26 dB and 99% Bandwidth

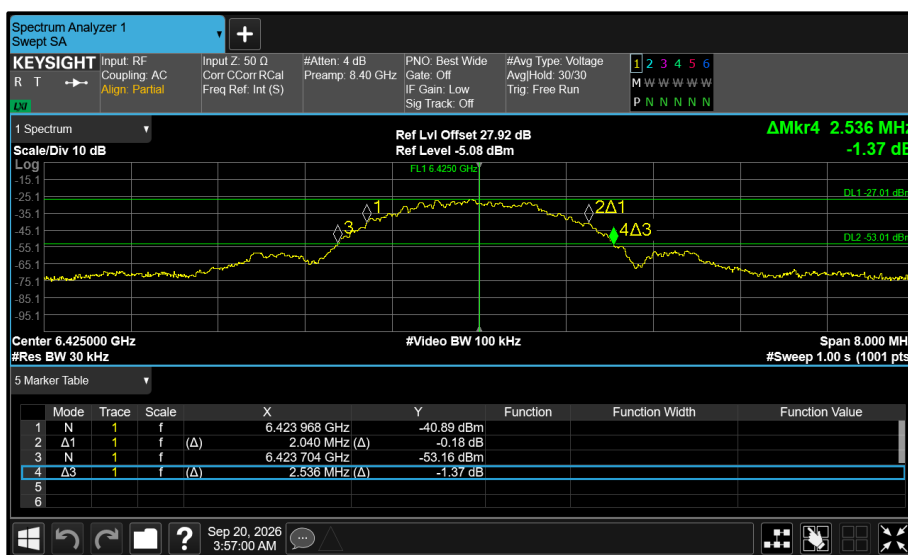


Figure 162 - Core 1 6425 MHz (CH124) 26 dB and 99% Bandwidth

FCC Part 15E, Limit Clause 15.407 (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
Digital Multimeter	Fluke	115	6147	12	03-Jun-2027



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Humidity and Temperature Meter	R.S Components	1364	6346	12	31-Mar-2027
MXA Signal Analyser	Keysight Technologies	N9020B	6417	24	14-Oct-2027
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	16-Jun-2028
Humidity and Temperature Meter	R.S Components	1364	6486	12	23-Jul-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	25-Feb-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
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6528	12	25-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6585	12	27-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6586	12	27-Feb-2027
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
DC Power Module	Keysight Technologies	N6754A	6666	-	O/P Mon
Modular Power System Mainframe	Keysight Technologies	N6701C	6667	-	O/P Mon
Digital Thermometer	R.S Components	RS 5511	6739	12	02-Mar-2027
Thermostatic Chamber	Weiss Technik	LabEvent T/500/50/3	7315	24	O/P Mon
Thermostatic Chamber	Weiss Technik	LabEvent T/500/50/3	7317	24	O/P Mon

Table 170

O/P Mon - Output Monitored using calibrated equipment



2.4 Authorised Band Edges

2.4.1 Specification Reference

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

2.4.2 Equipment Under Test and Modification State

A3375, S/N: CWPWW7KJWC - Modification State 0
A3375, S/N: CJ9V6470GT - Modification State 0

2.4.3 Date of Test

17-July-2026 to 22-July-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 (dB μ V/m at 3 m) = EIRP (dBm) + 95.2 dB

As per KDB 987594, In addition, 15.35 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	19.1 - 23.6 °C
Relative Humidity	24.6 - 44.5 %



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 (dBμV/m)
Static	DH5	6106	5925	55.52	44.71
Static	HDR4	6106	5925	55.66	44.62
Static	HDR8	6106	5925	55.79	44.60
Static	LE1M	6106	5925	55.52	44.26
Static	LE2M	6106	5925	55.37	45.99
Static	HDT3	6106	5925	55.48	43.75
Static	HDT4	6106	5925	55.34	43.86
Static	HDT6	6106	5925	55.75	43.96
Static	HDRPS2	6106	5925	55.94	43.88
Static	HDRPM12	6107	5925	55.27	43.84
Static	HDRPL8	6109	5925	56.25	43.77
Static	HDRPL24	6109	5925	55.42	44.13
Static	XHDRPM8	6107	5925	55.26	43.92
Static	XHDRPL24	6109	5925	55.54	44.37
Static	CS1LE1M	6106	5925	56.51	44.23
Static	CS1LE2M	6106	5925	55.55	45.96
Static	DH5	6425	7125	58.17	47.66
Static	HDR4	6425	7125	58.10	47.57
Static	HDR8	6425	7125	59.93	47.56
Static	LE1M	6425	7125	58.36	47.17
Static	LE2M	6425	7125	58.07	48.94
Static	HDT3	6425	7125	58.03	46.70
Static	HDT4	6425	7125	58.04	46.75
Static	HDT6	6425	7125	58.21	46.88
Static	HDRPS2	6425	7125	58.46	46.89
Static	HDRPM12	6425	7125	58.92	46.76
Static	HDRPL8	6425	7125	57.96	46.72
Static	HDRPL24	6425	7125	58.39	47.06
Static	XHDRPM8	6425	7125	57.99	46.82
Static	XHDRPL24	6425	7125	58.20	47.25
Static	CS1LE1M	6425	7125	58.36	47.16
Static	CS1LE2M	6425	7125	58.13	48.92

Table 171 - SISO Authorised Band Edge Results

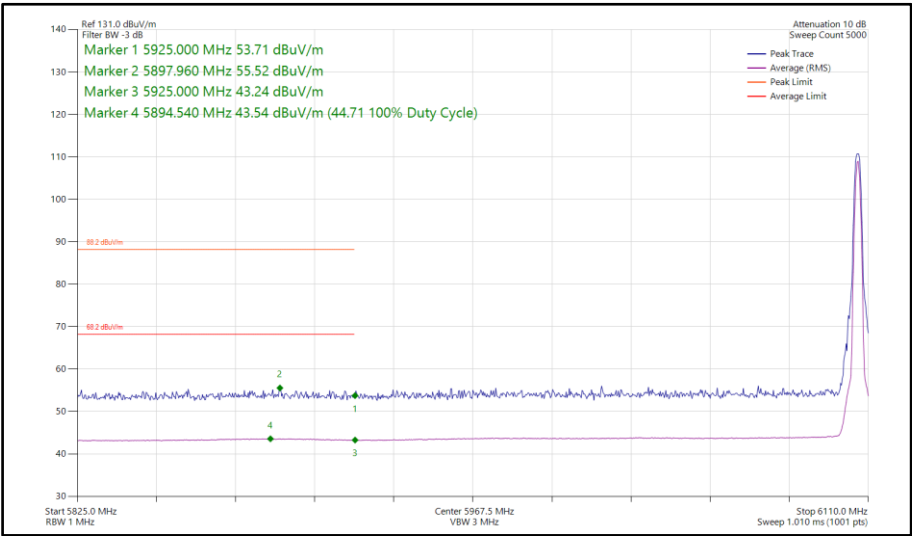


Figure 163 - Narrowband DH5, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

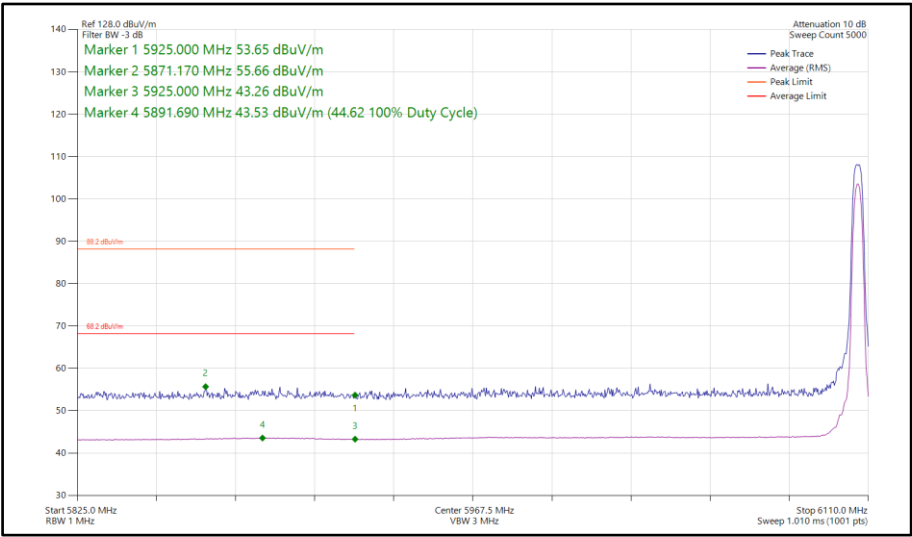


Figure 164 - Narrowband HDR4, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

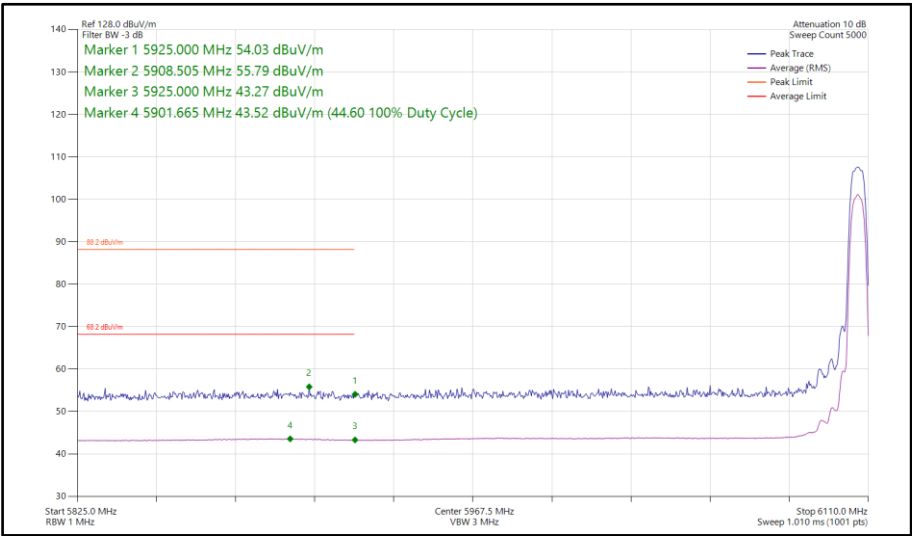


Figure 165 - Narrowband HDR8, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

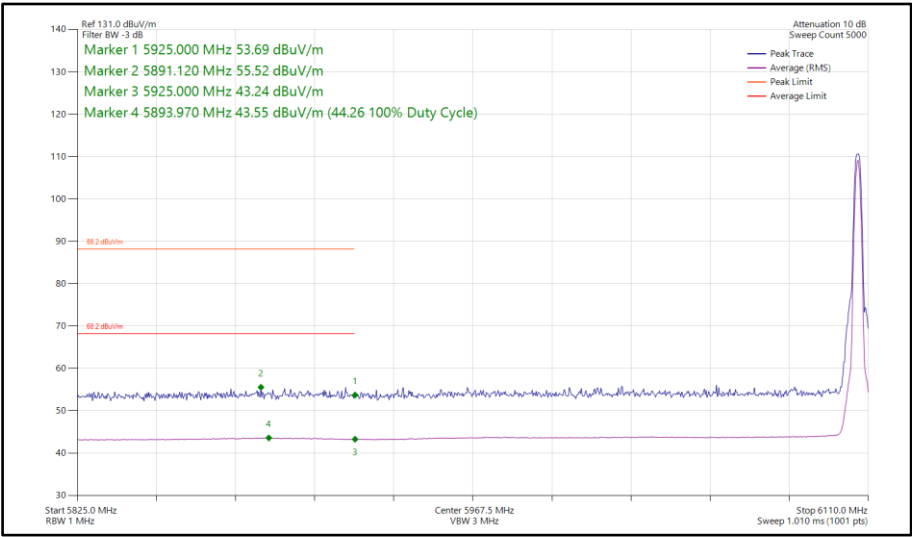


Figure 166 - Narrowband LE1M, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

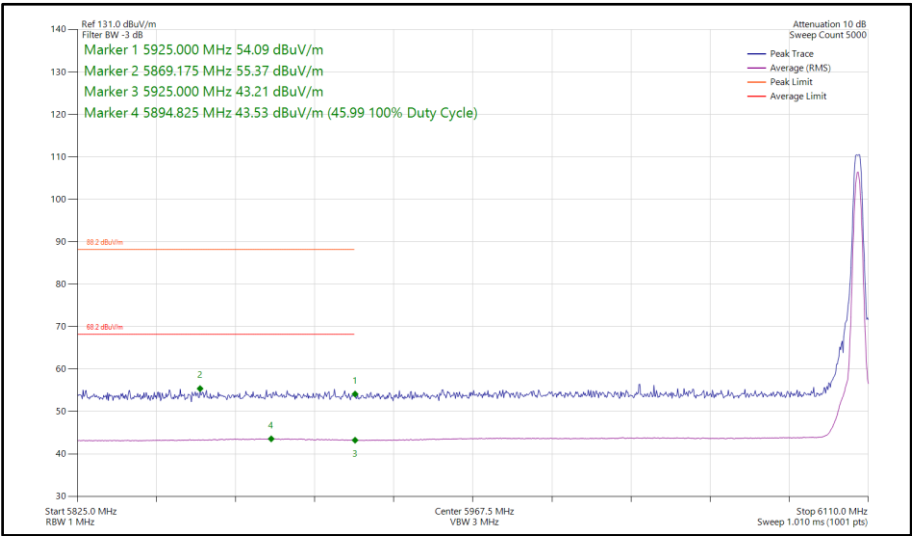


Figure 167 - Narrowband LE2M, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

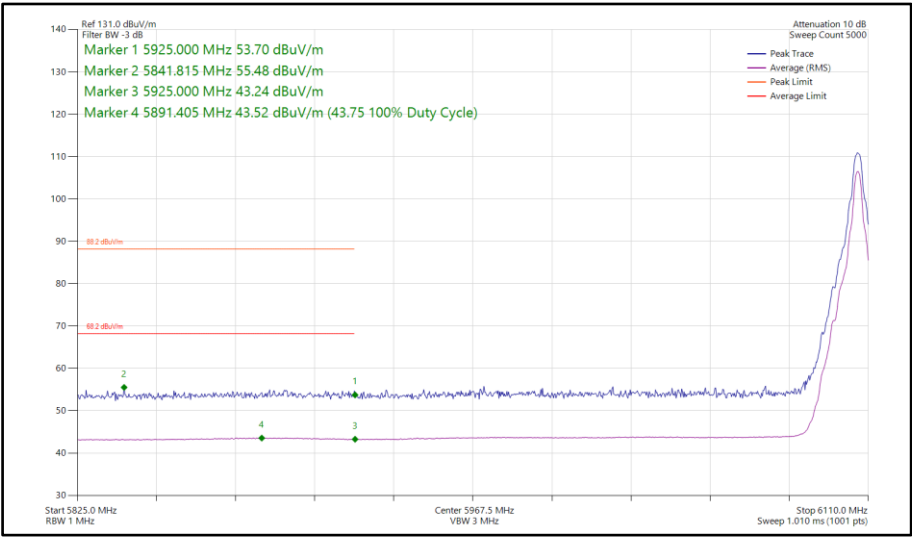


Figure 168 - Narrowband HDT3, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

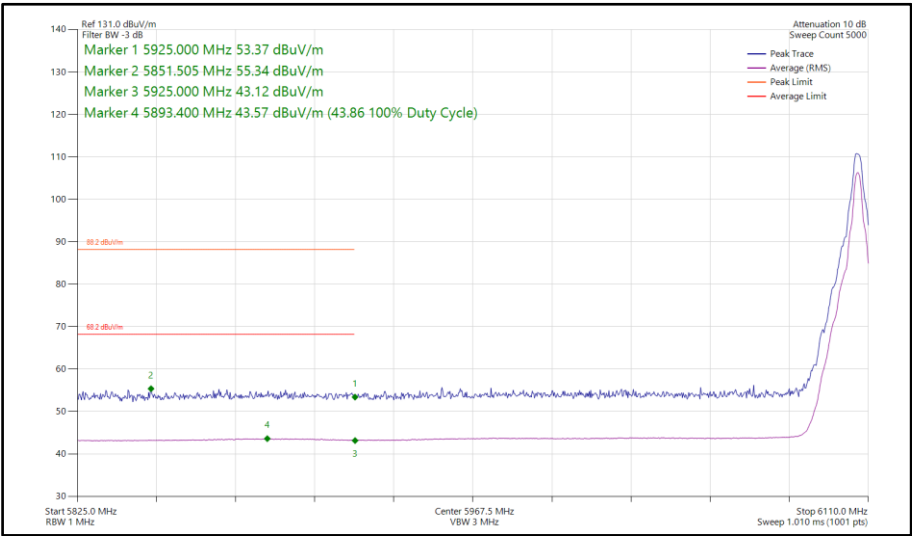


Figure 169 - Narrowband HDT4, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

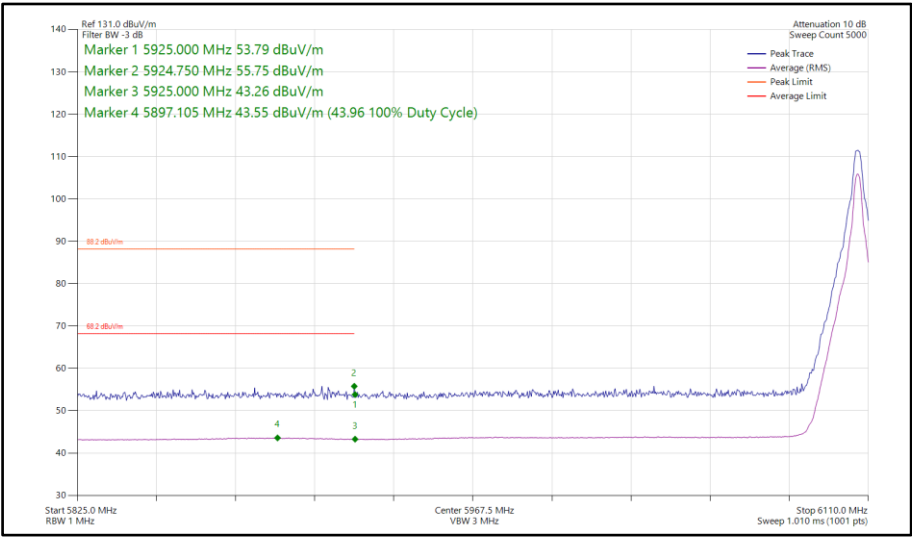


Figure 170 - Narrowband HDT6, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

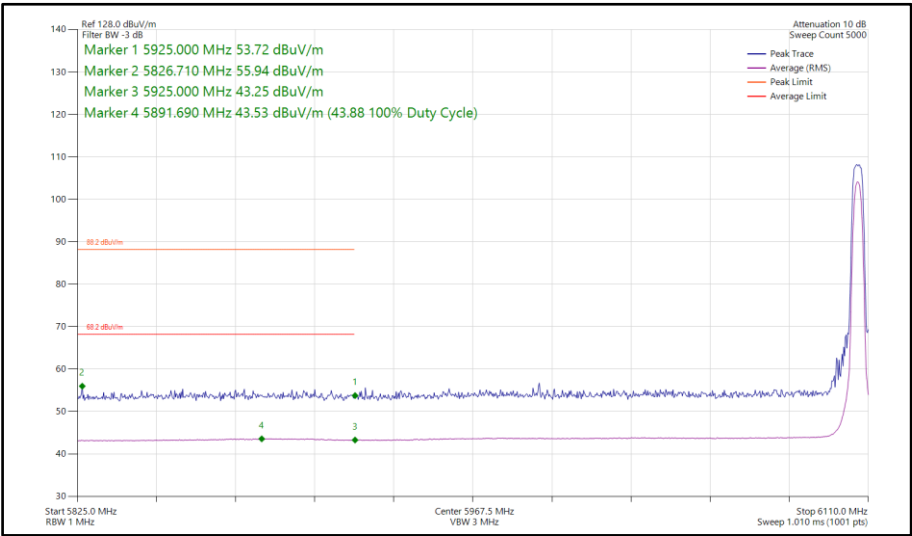


Figure 171 - Narrowband HDRPS2, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

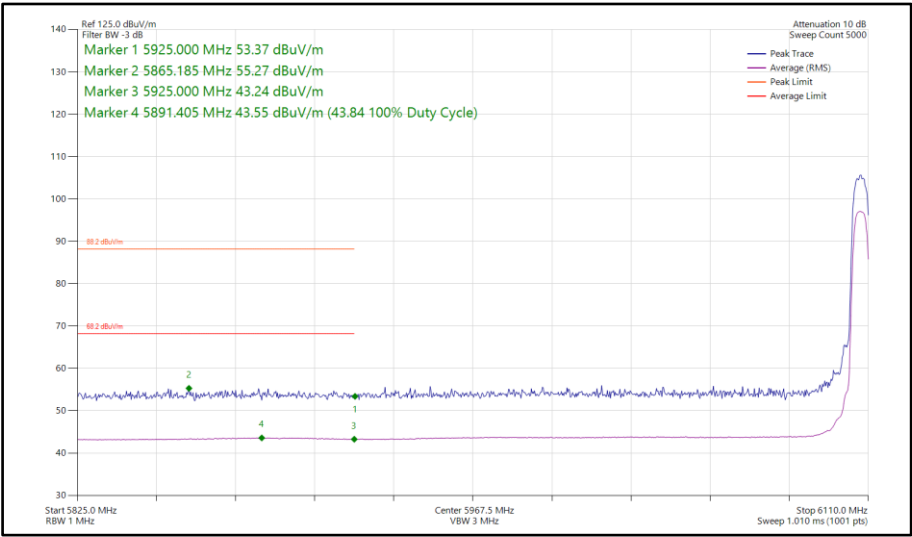


Figure 172 - Narrowband HDRPM12, SISO, Core 0 - 6107 MHz
Band Edge Frequency 5925 MHz

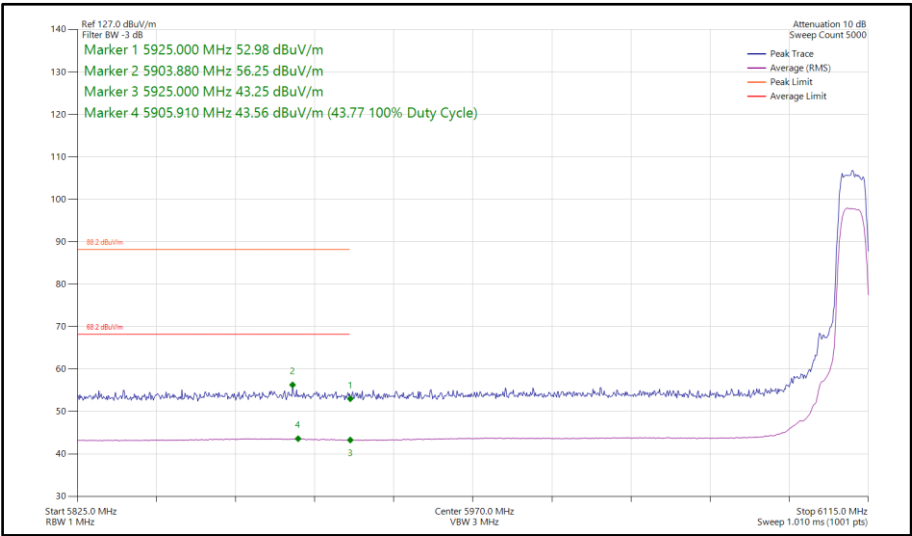


Figure 173 - Narrowband HDRPL8, SISO, Core 0 - 6109 MHz
Band Edge Frequency 5925 MHz

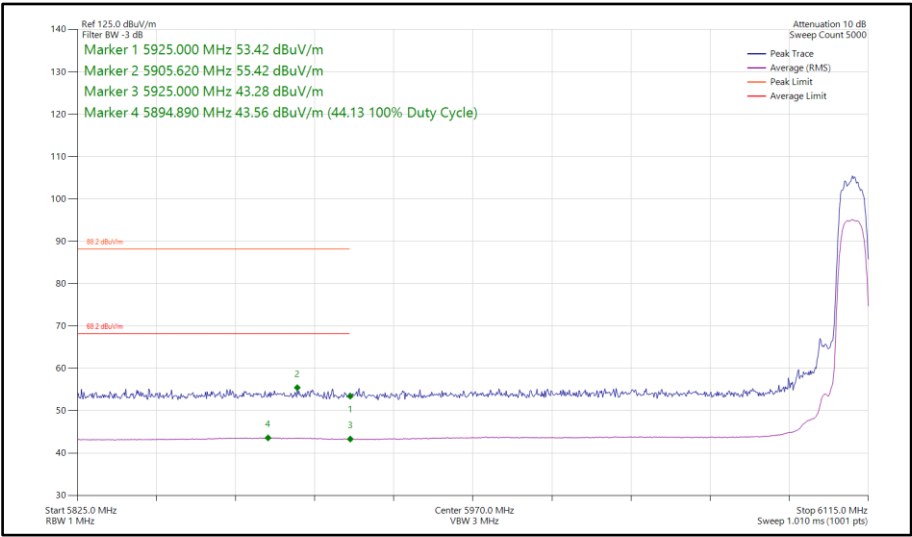


Figure 174 - Narrowband HDRPL24, SISO, Core 0 - 6109 MHz
Band Edge Frequency 5925 MHz

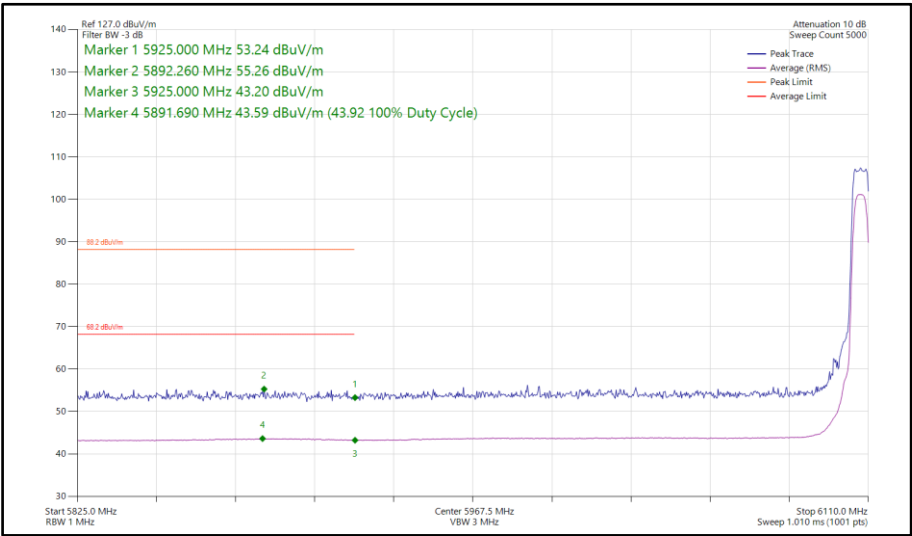


Figure 175 - Narrowband XHDRPM8, SISO, Core 0 - 6107 MHz
Band Edge Frequency 5925 MHz

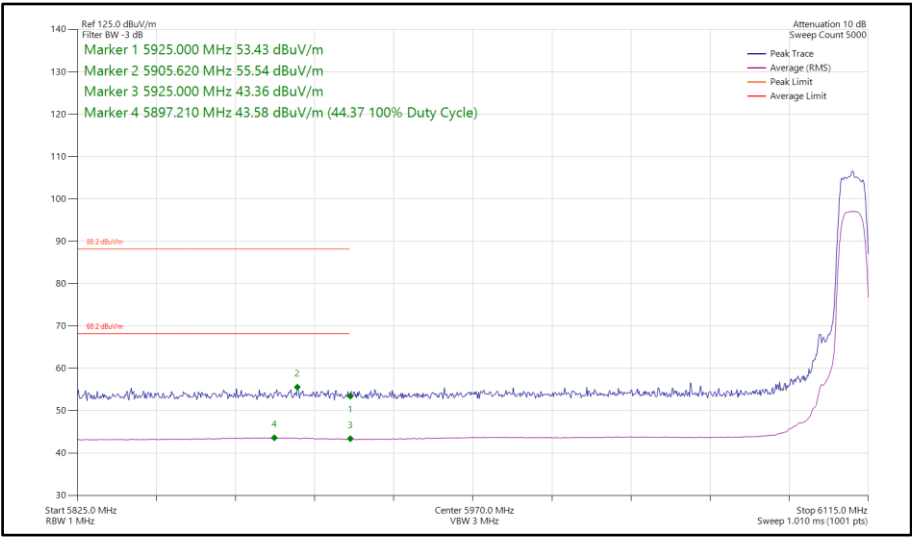


Figure 176 - Narrowband XHDRPL24, SISO, Core 0 - 6109 MHz
Band Edge Frequency 5925 MHz

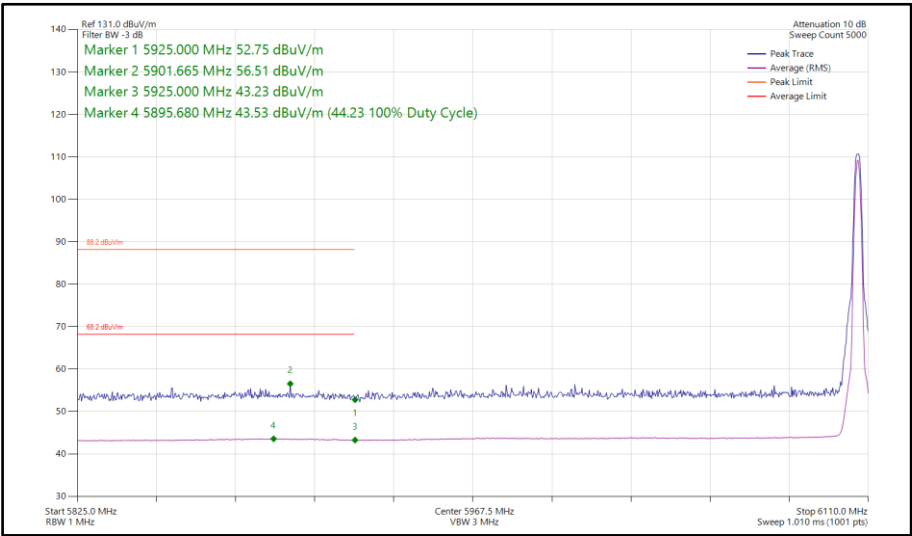


Figure 177 - Narrowband CS1LE1M, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

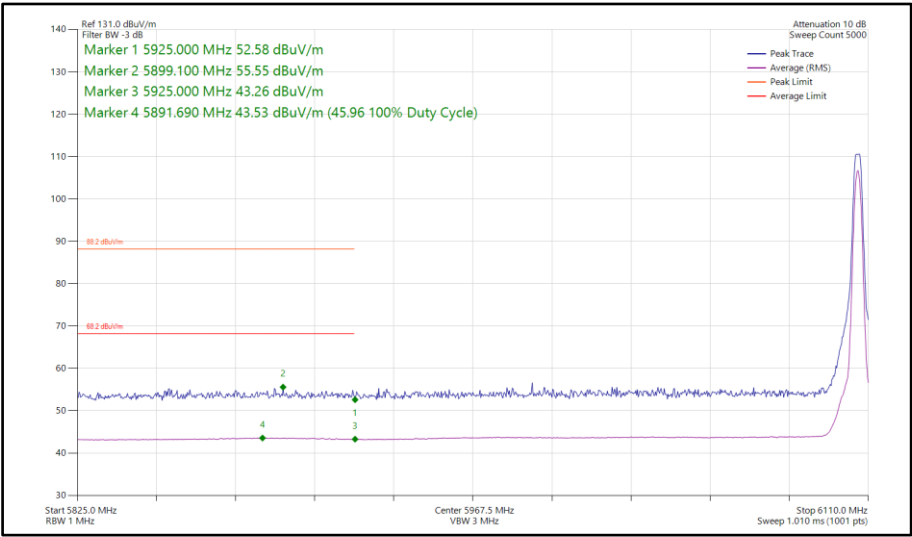


Figure 178 - Narrowband CS1LE2M, SISO, Core 0 - 6106 MHz
Band Edge Frequency 5925 MHz

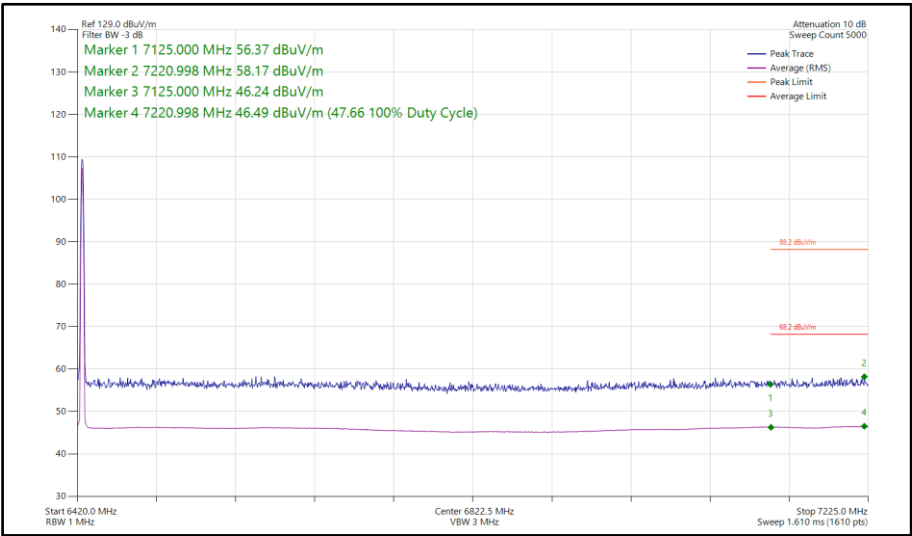


Figure 179 - Narrowband DH5, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

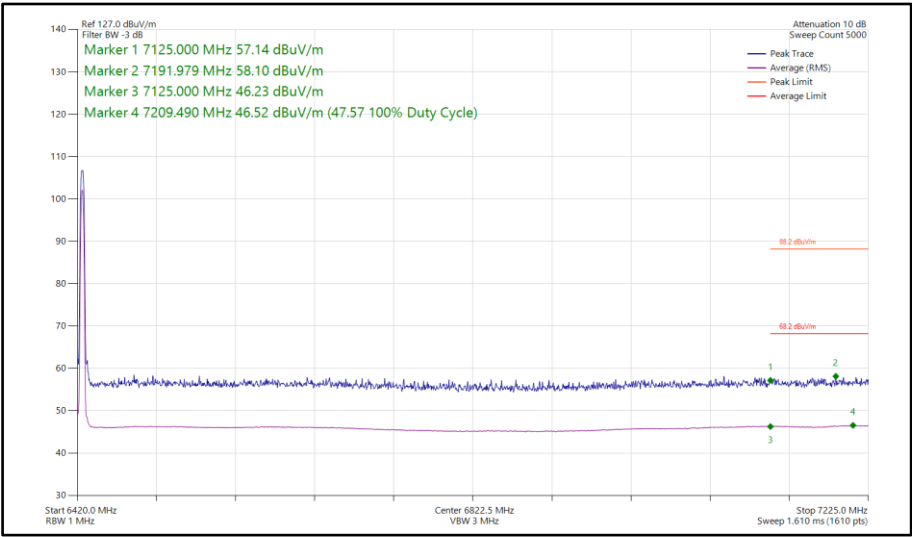


Figure 180 - Narrowband HDR4, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

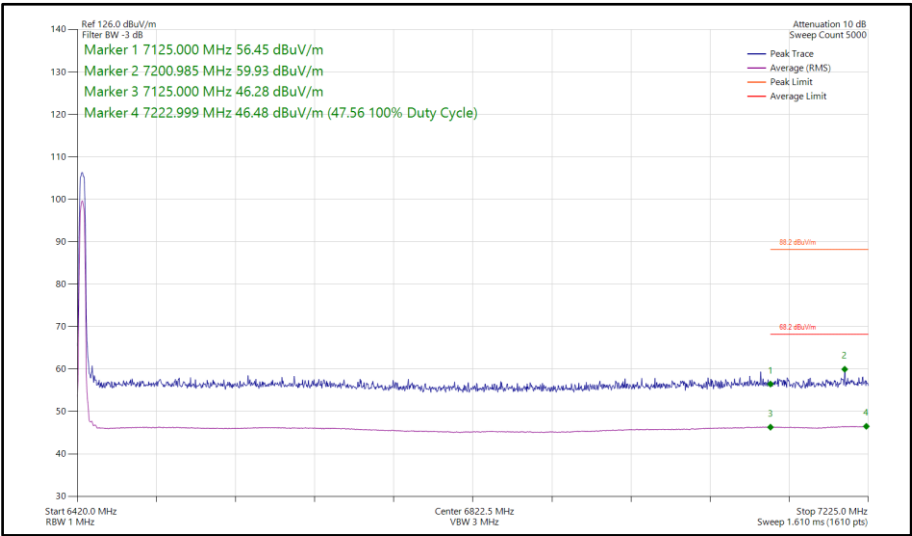


Figure 181 - Narrowband HDR8, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

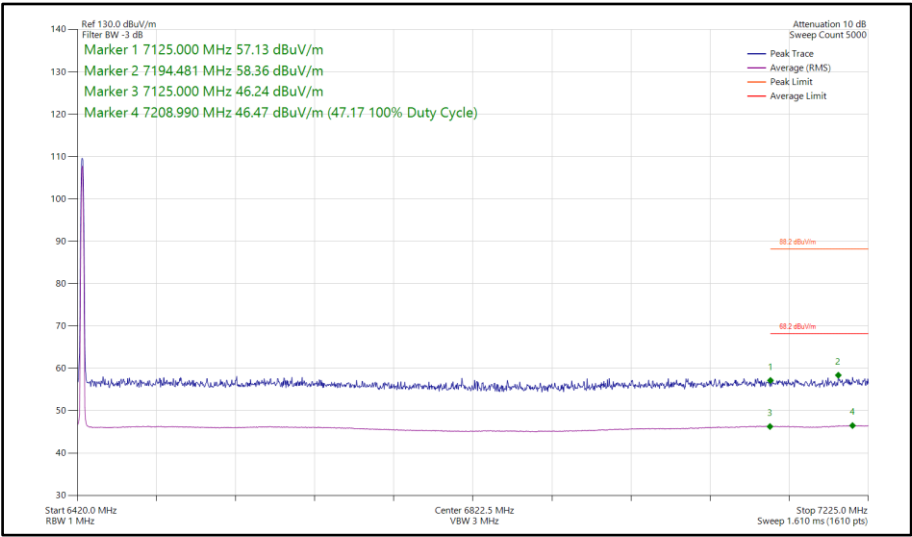


Figure 182 - Narrowband LE1M, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

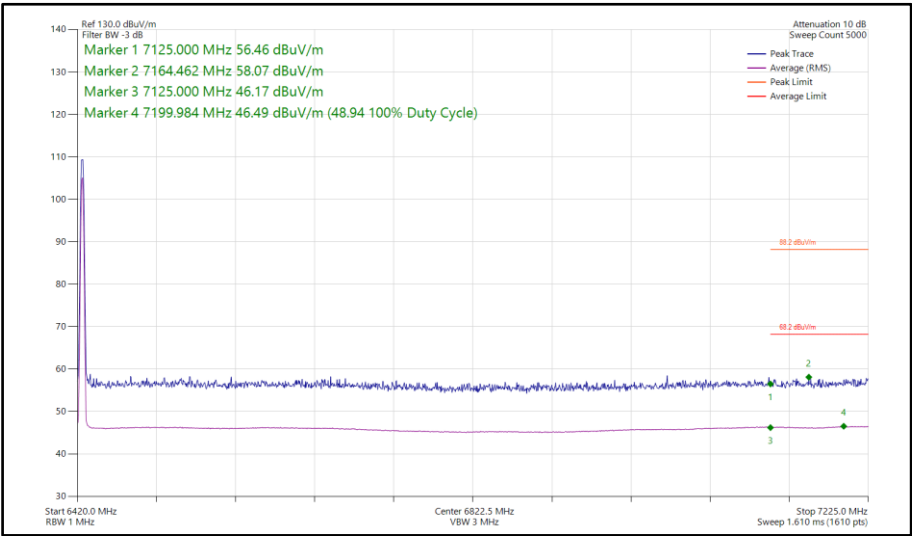


Figure 183 - Narrowband LE2M, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

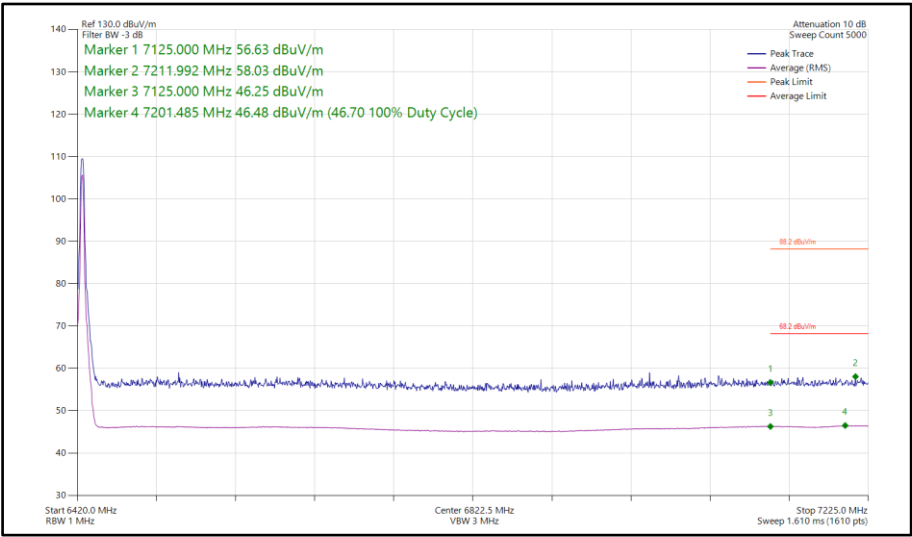


Figure 184 - Narrowband HDT3, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

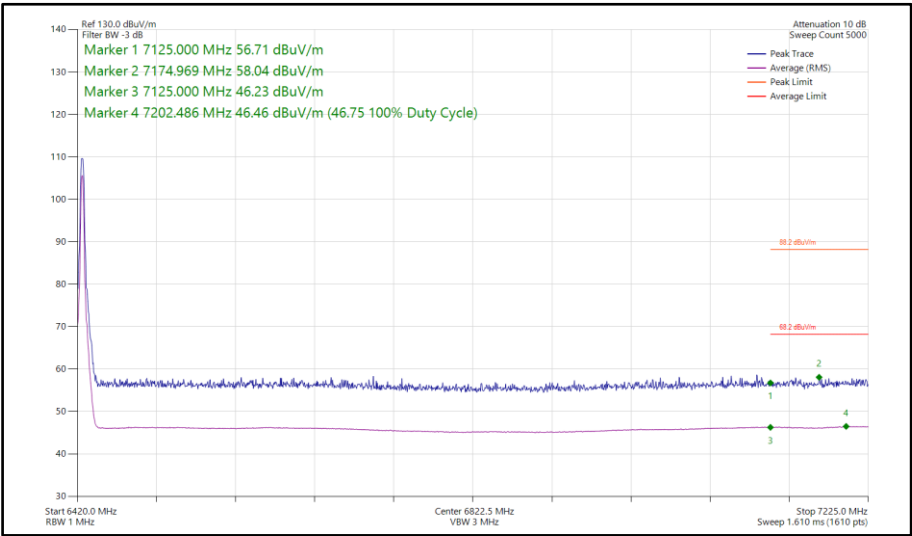


**Figure 185 - Narrowband HDT4, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz**

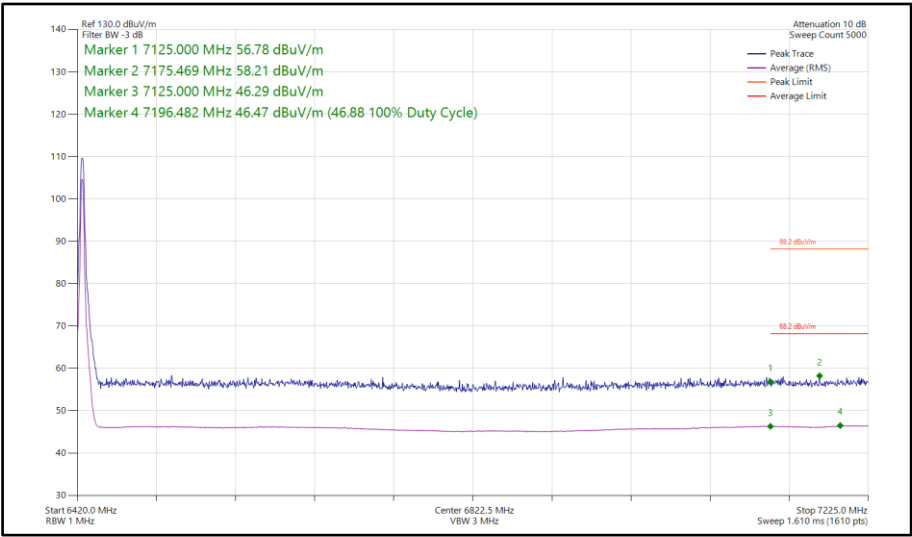


**Figure 186 - Narrowband HDT6, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz**

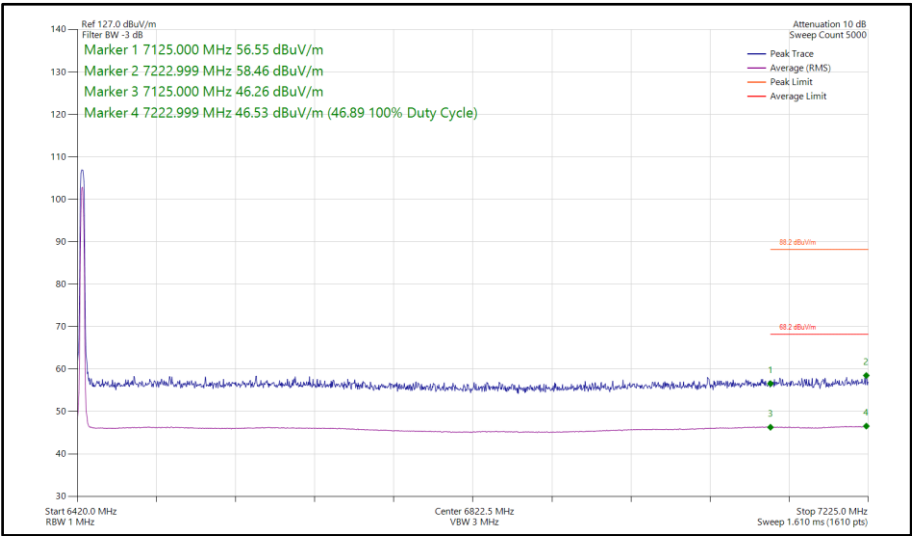


Figure 187 - Narrowband HDRPS2, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz

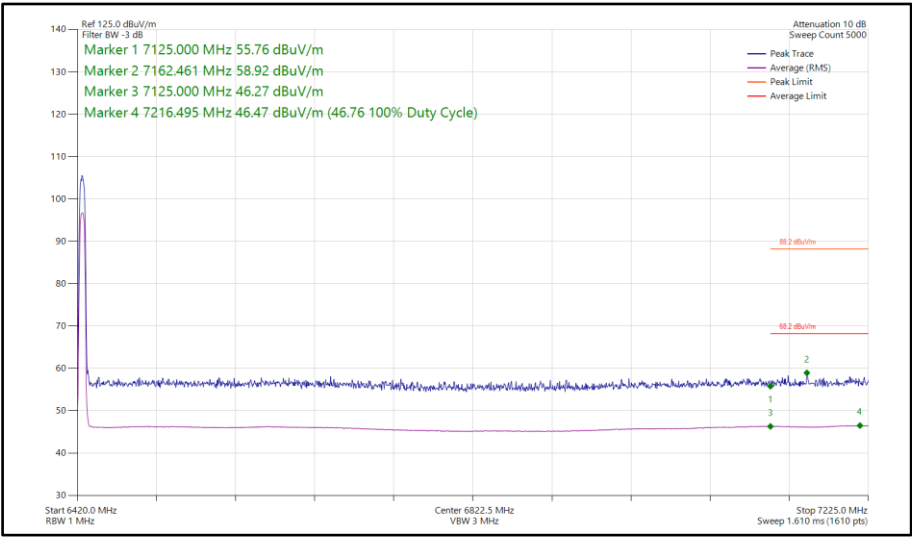


Figure 188 - Narrowband HDRPM12, SISO, Core 0 - 6425 MHz
Band Edge Frequency 7125 MHz