

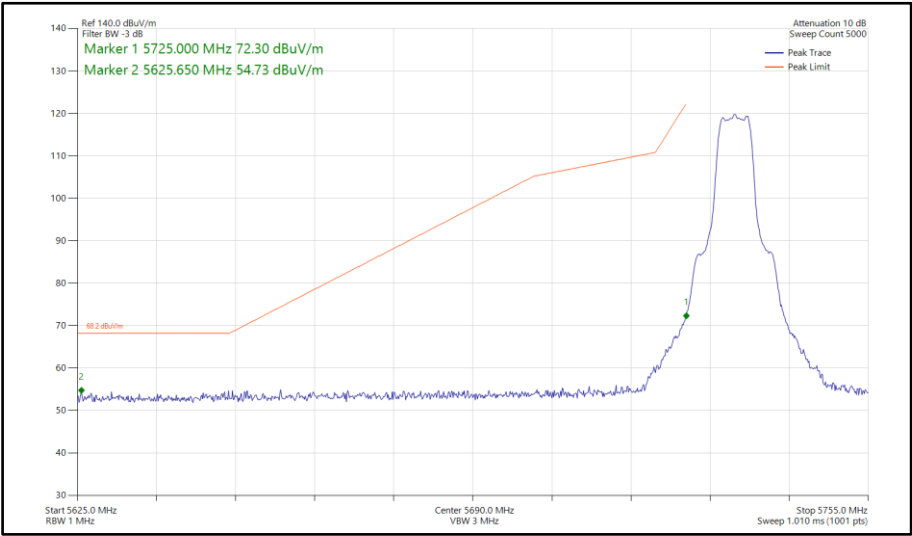


Figure 561 - XHDRPM8, SISO, Core 1 - 5733 MHz Band Edge Frequency 5725 MHz

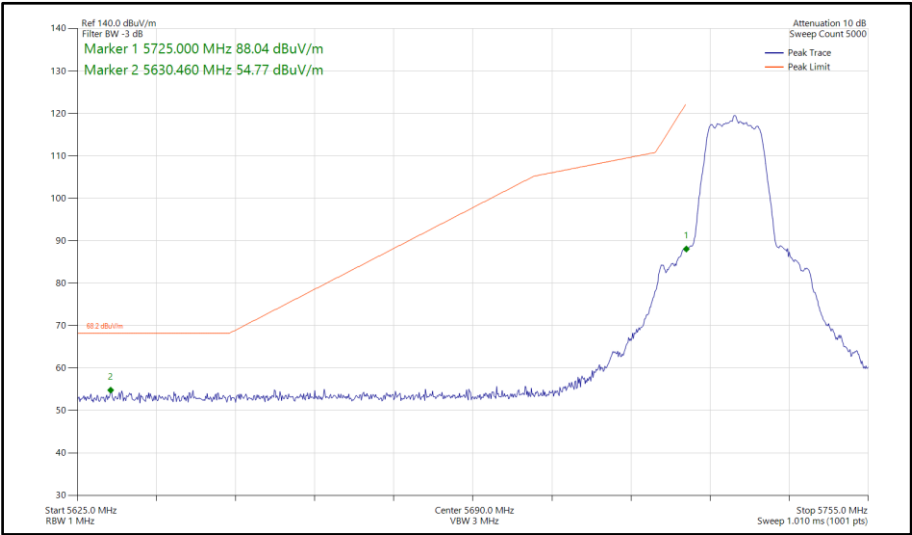


Figure 562 - XHDRPL24, SISO, Core 1 - 5733 MHz Band Edge Frequency 5725 MHz

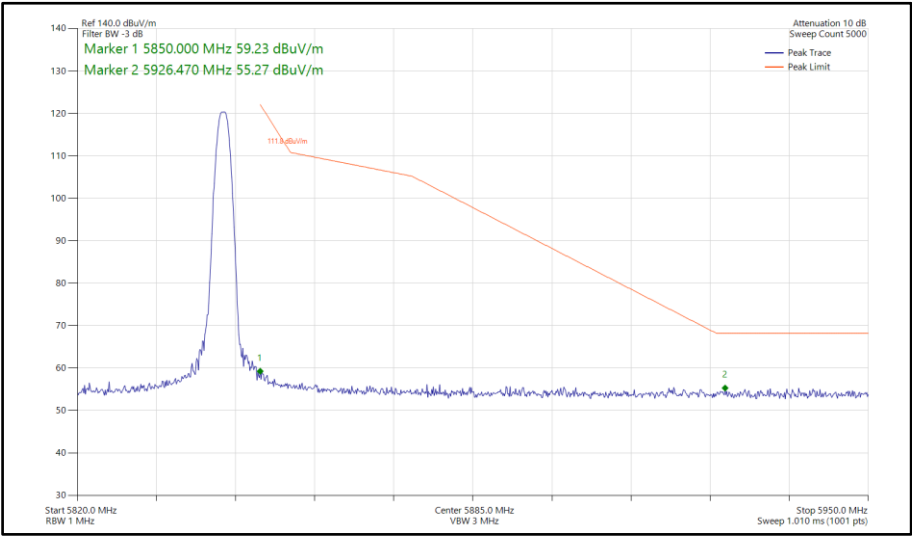


Figure 563 - DH5, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

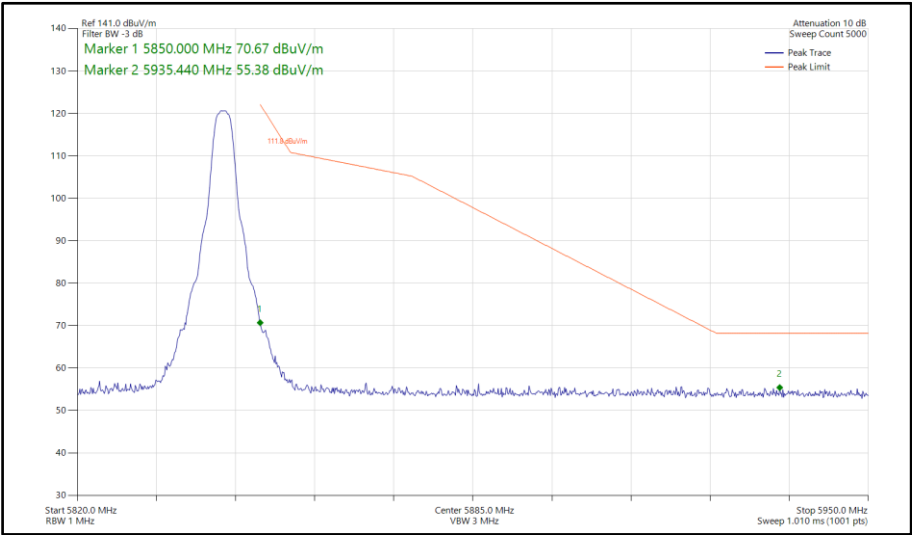


Figure 564 - HDR4, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

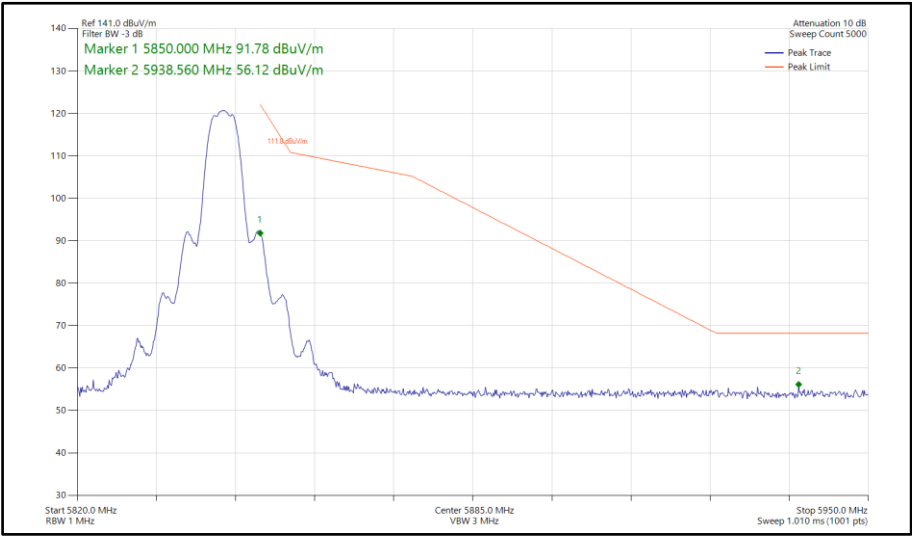


Figure 565 - HDR8, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

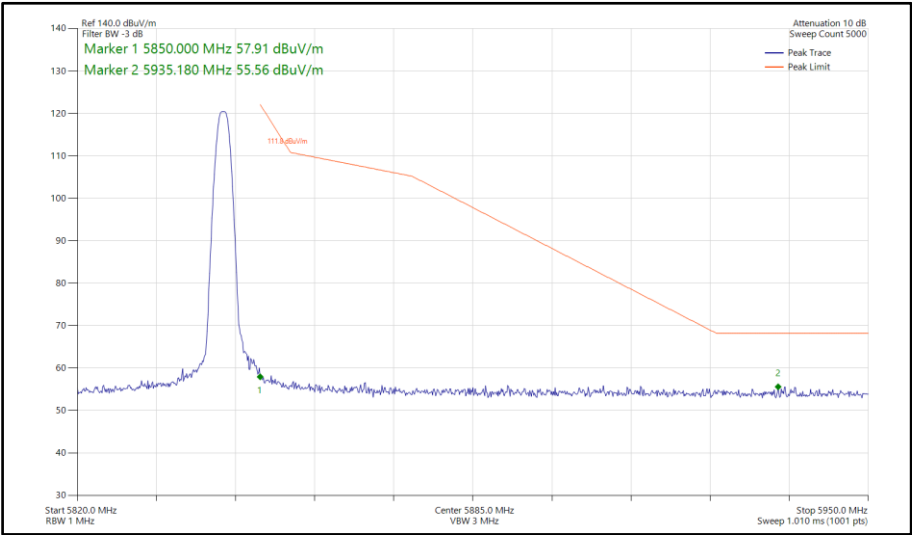


Figure 566 - LE1M, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

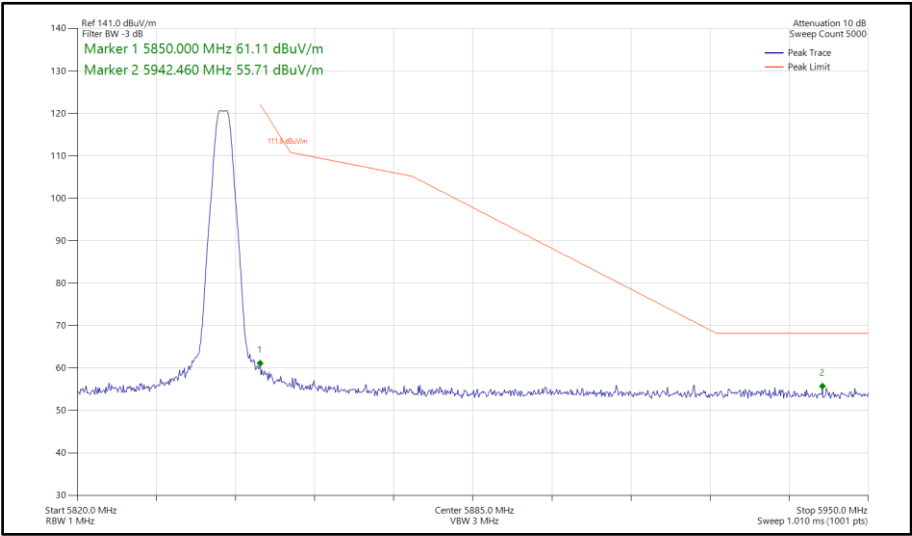


Figure 567 - LE2M, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

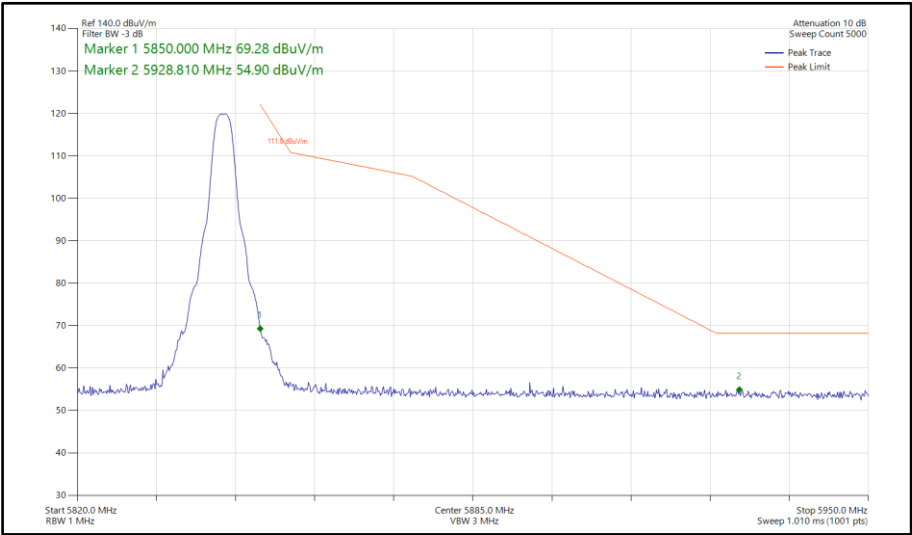


Figure 568 - HDT3, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

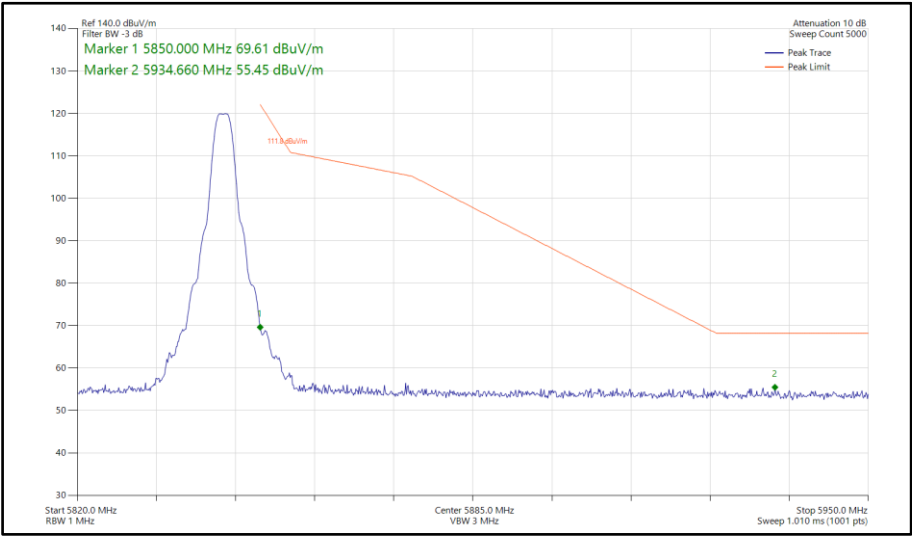


Figure 569 - HDT4, SISO, Core 1 - 5844 MHz Band Edge Frequency 5850 MHz

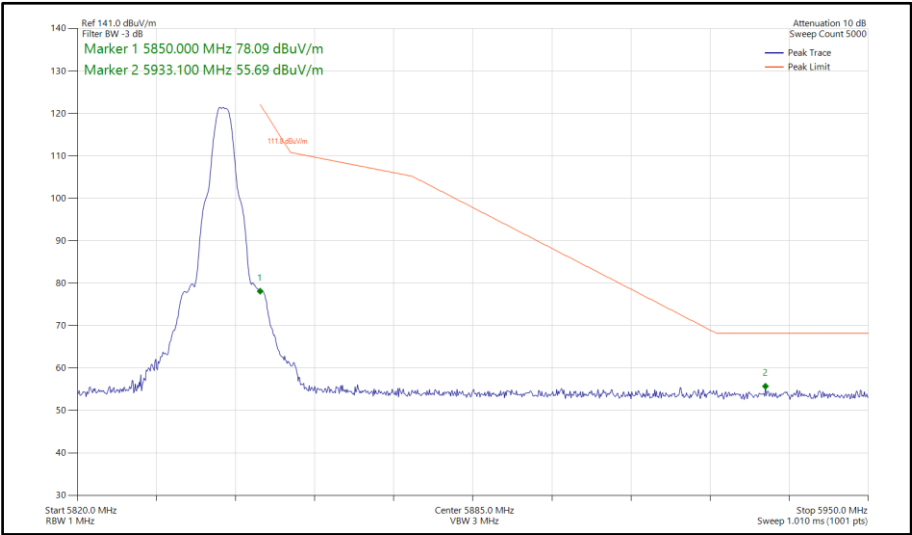


Figure 570 - HDT6, SISO, Core 1 - 5844 MHz Band Edge Frequency 5850 MHz

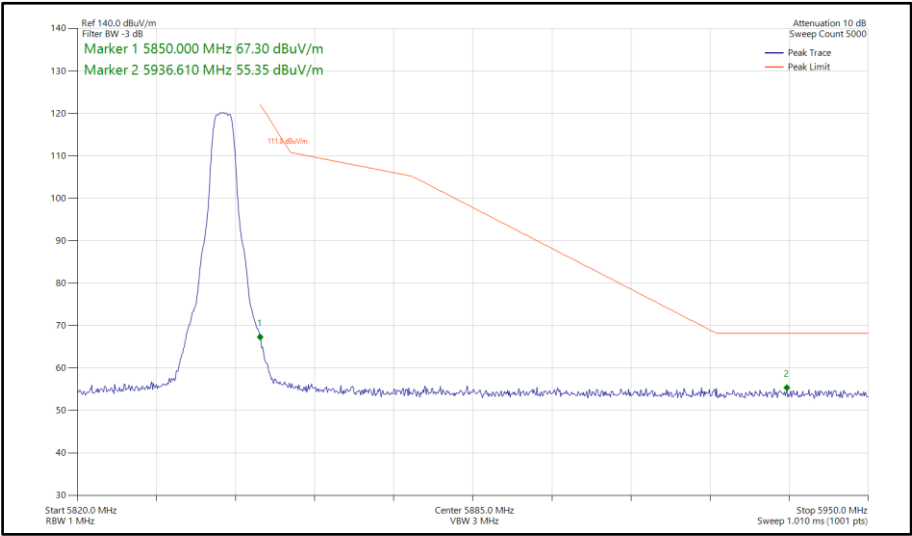


Figure 571 - HDRPS2, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

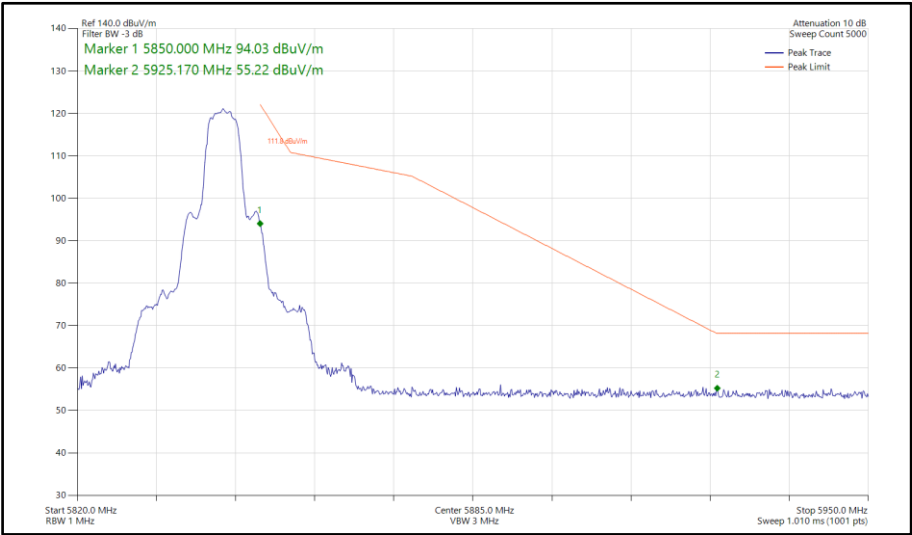


Figure 572 - HDRPM12, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

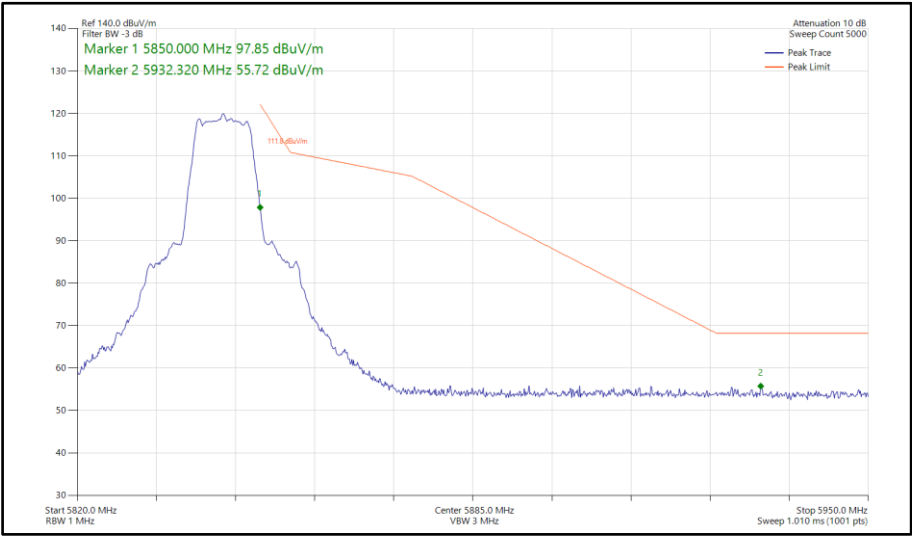


Figure 573 - HDRPL8, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

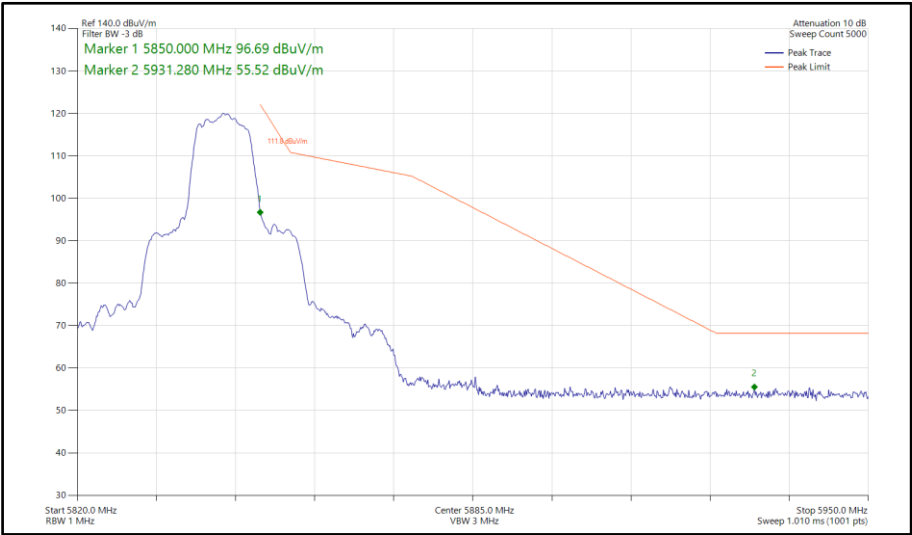


Figure 574 - HDRPL24, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

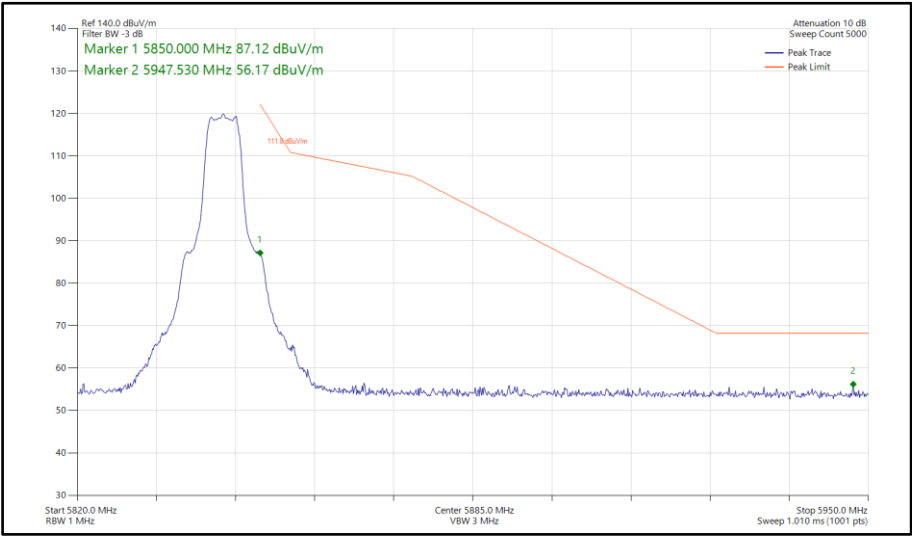


Figure 575 - XHDRPM8, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz

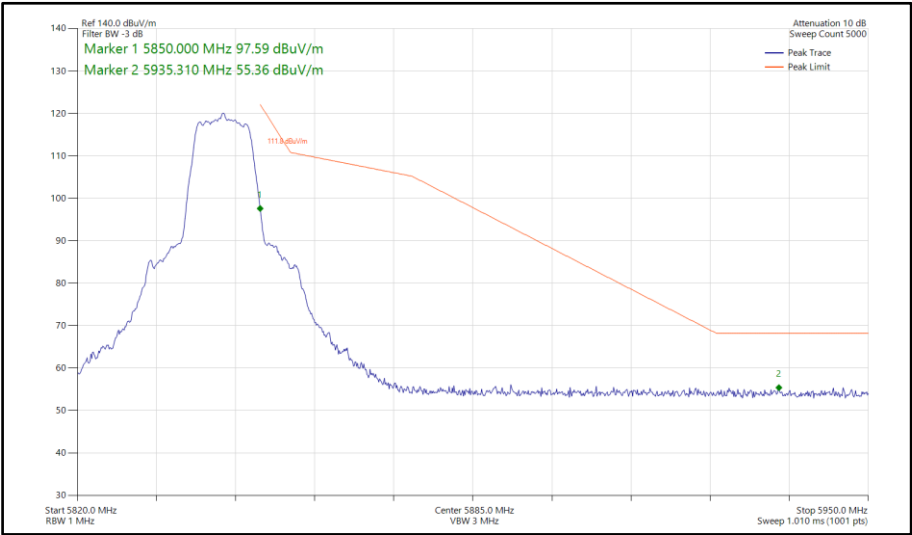


Figure 576 - XHDRPL24, SISO, Core 1 - 5844 MHzBand Edge Frequency 5850 MHz



ePA - Core 0-1 (MIMO)

Mode	Packet Type	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
Static	DH5	5733	5725	56.34
Static	HDR4	5733	5725	55.86
Static	HDR8	5733	5725	55.55
Static	LE1M	5733	5725	55.80
Static	LE2M	5733	5725	56.44
Static	HDT3	5733	5725	56.89
Static	HDT4	5733	5725	55.19
Static	HDT6	5733	5725	55.83
Static	HDRPS2	5733	5725	55.77
Static	HDRPM12	5733	5725	56.29
Static	HDRPL8	5733	5725	56.11
Static	HDRPL24	5733	5725	55.46
Static	XHDRPM8	5733	5725	55.58
Static	XHDRPL24	5733	5725	55.77
Static	DH5	5844	5850	57.03
Static	HDR4	5844	5850	57.59
Static	HDR8	5844	5850	56.22
Static	LE1M	5844	5850	56.72
Static	LE2M	5844	5850	56.48
Static	HDT3	5844	5850	56.56
Static	HDT4	5844	5850	56.65
Static	HDT6	5844	5850	56.47
Static	HDRPS2	5844	5850	56.07
Static	HDRPM12	5844	5850	56.34
Static	HDRPL8	5844	5850	57.16
Static	HDRPL24	5844	5850	57.45
Static	XHDRPM8	5844	5850	56.67
Static	XHDRPL24	5844	5850	56.54

Table 312 - MIMO Authorised Band Edge Results

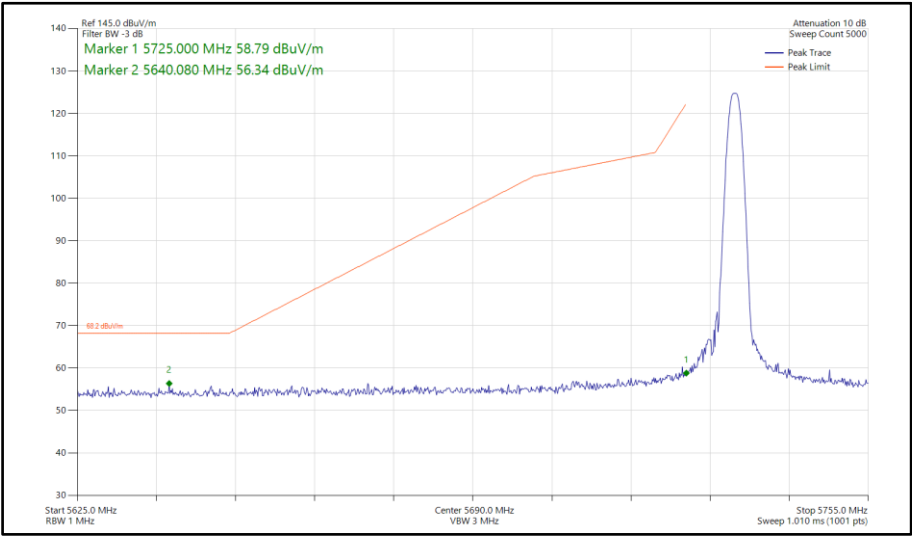


Figure 577 - DH5, MIMO, Core 0-1 - 5733 MHzBand Edge Frequency 5725 MHz

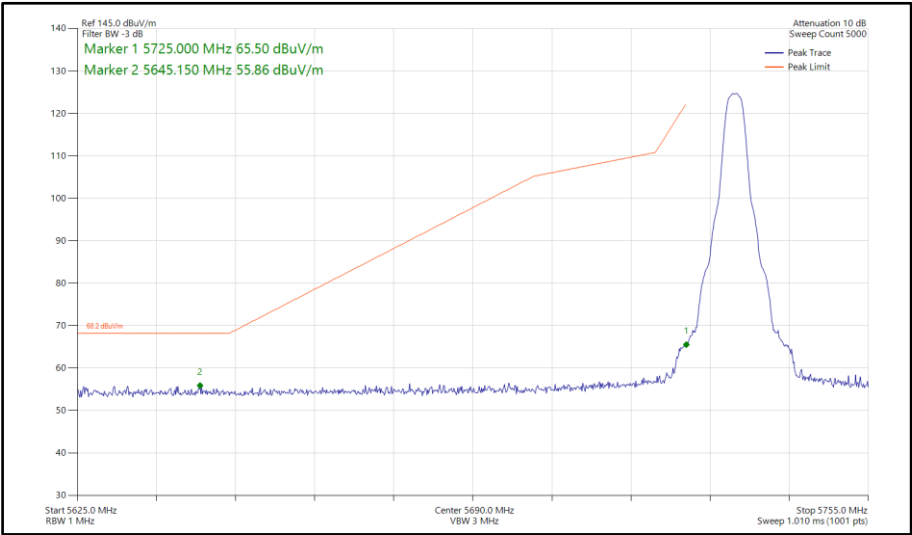


Figure 578 - HDR4, MIMO, Core 0-1 - 5733 MHzBand Edge Frequency 5725 MHz

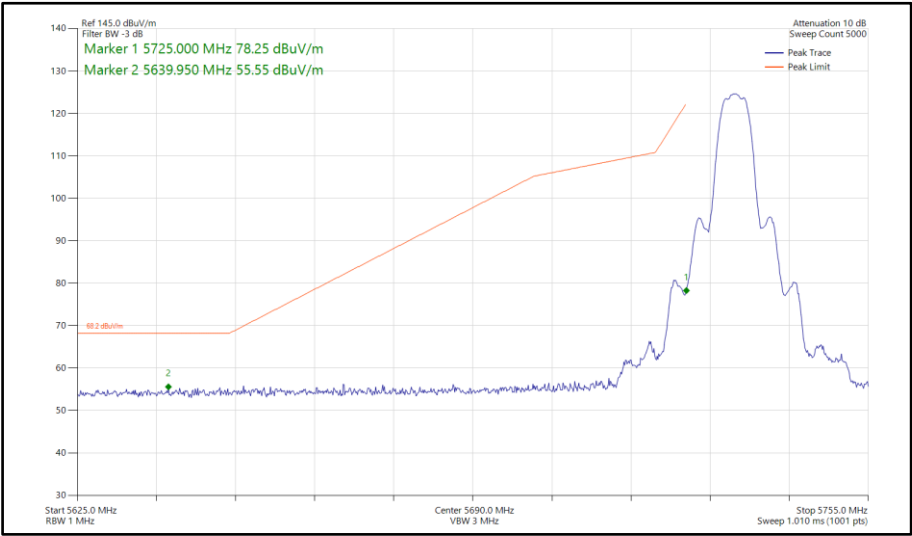


Figure 579 - HDR8, MIMO, Core 0-1 - 5733 MHz Band Edge Frequency 5725 MHz

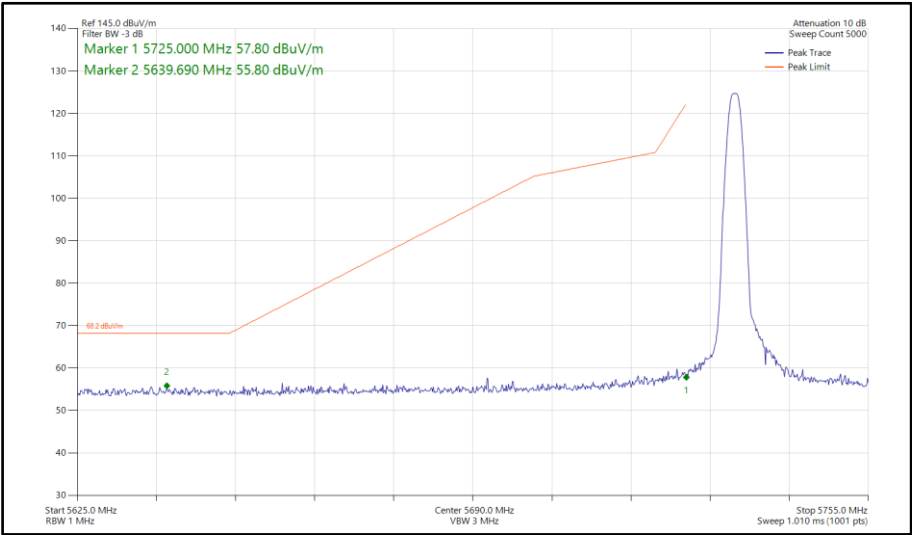


Figure 580 - LE1M, MIMO, Core 0-1 - 5733 MHz Band Edge Frequency 5725 MHz

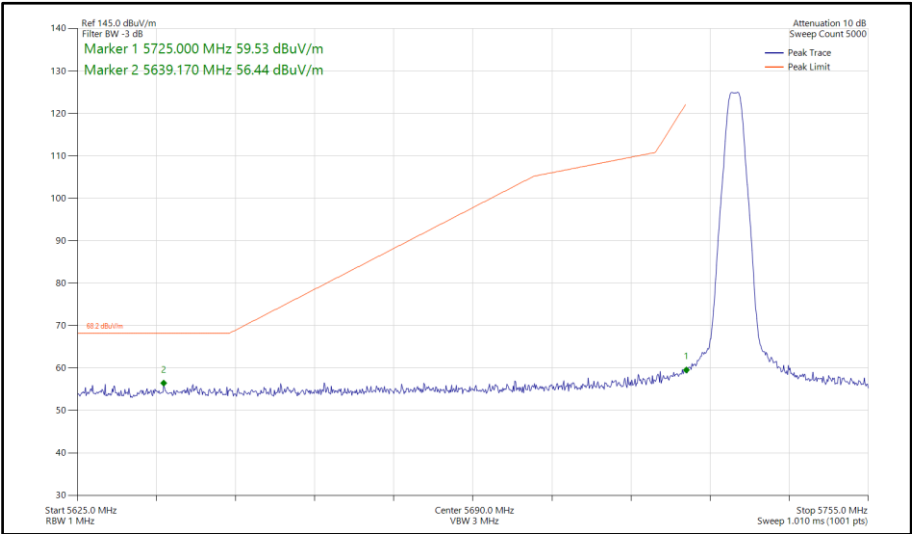


Figure 581 - LE2M, MIMO, Core 0-1 - 5733 MHz Band Edge Frequency 5725 MHz

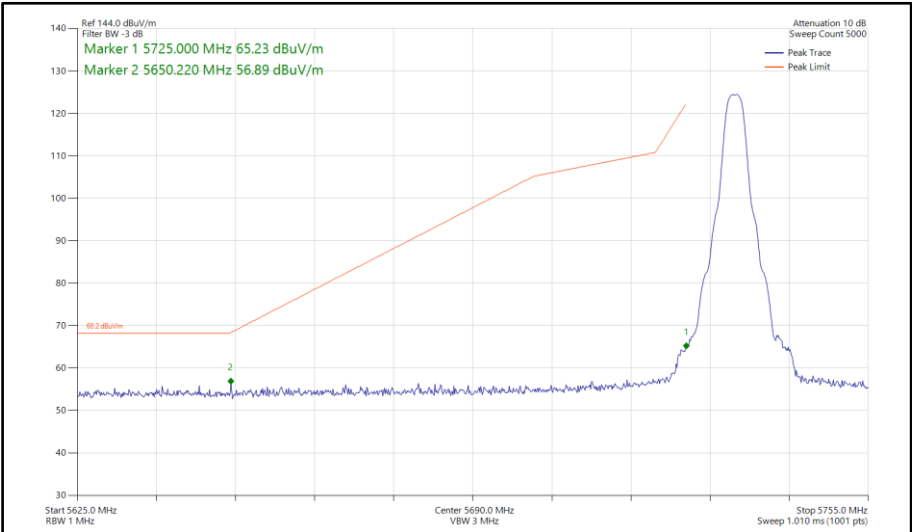


Figure 582 - HDT3, MIMO, Core 0-1 - 5733 MHz Band Edge Frequency 5725 MHz

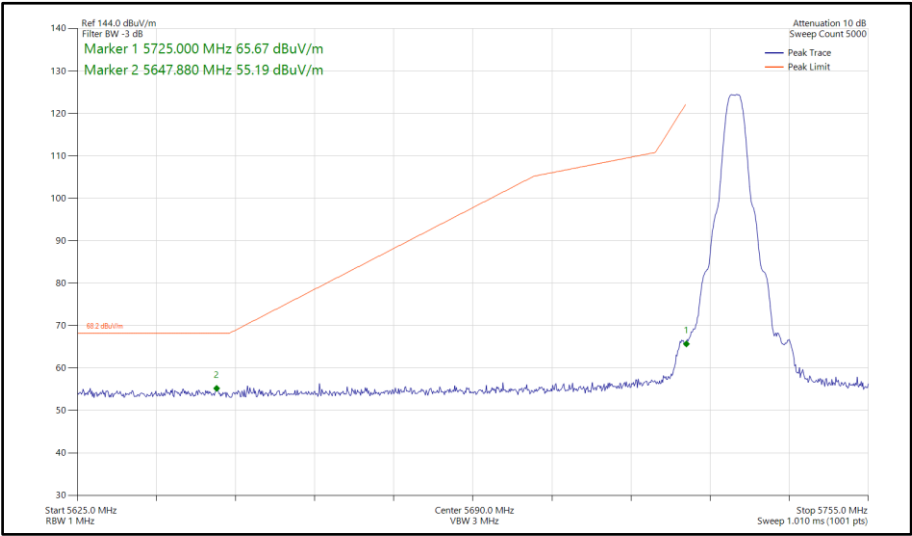


Figure 583 - HDT4, MIMO, Core 0-1 - 5733 MHzBand Edge Frequency 5725 MHz

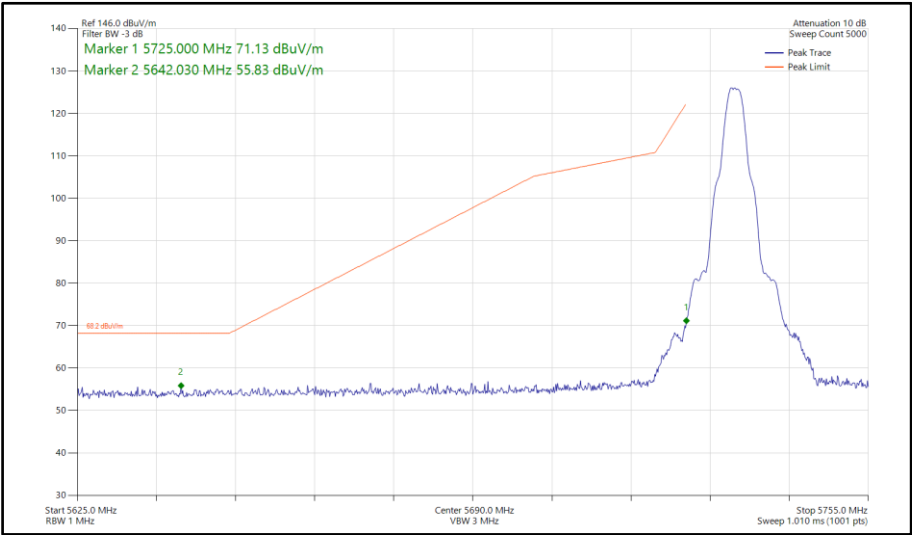


Figure 584 - HDT6, MIMO, Core 0-1 - 5733 MHzBand Edge Frequency 5725 MHz

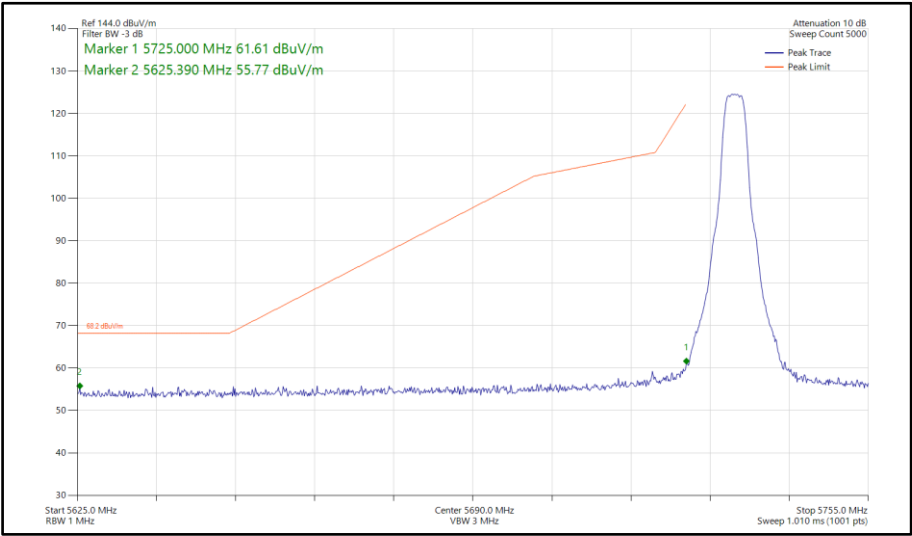


Figure 585 - HDRPS2, MIMO, Core 0-1 - 5733 MHzBand Edge Frequency 5725 MHz

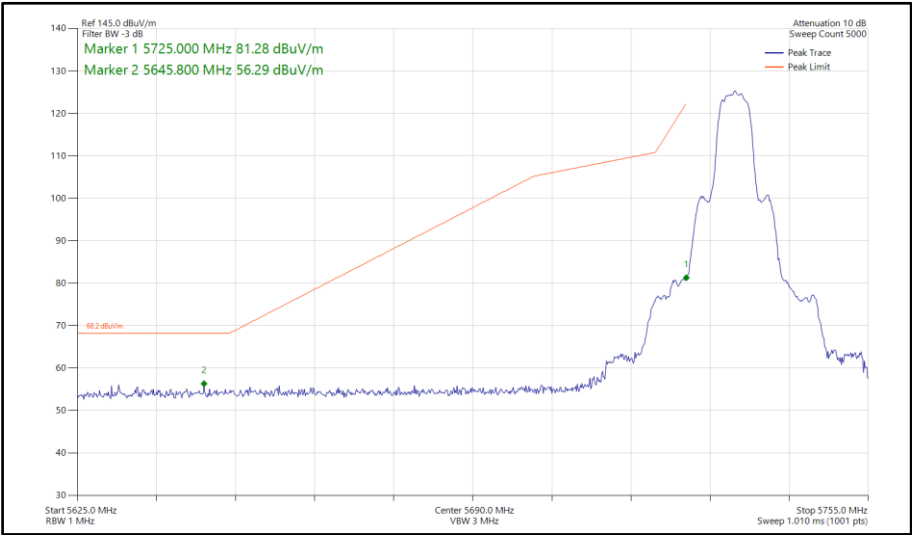


Figure 586 - HDRPM12, MIMO, Core 0-1 - 5733 MHzBand Edge Frequency 5725 MHz

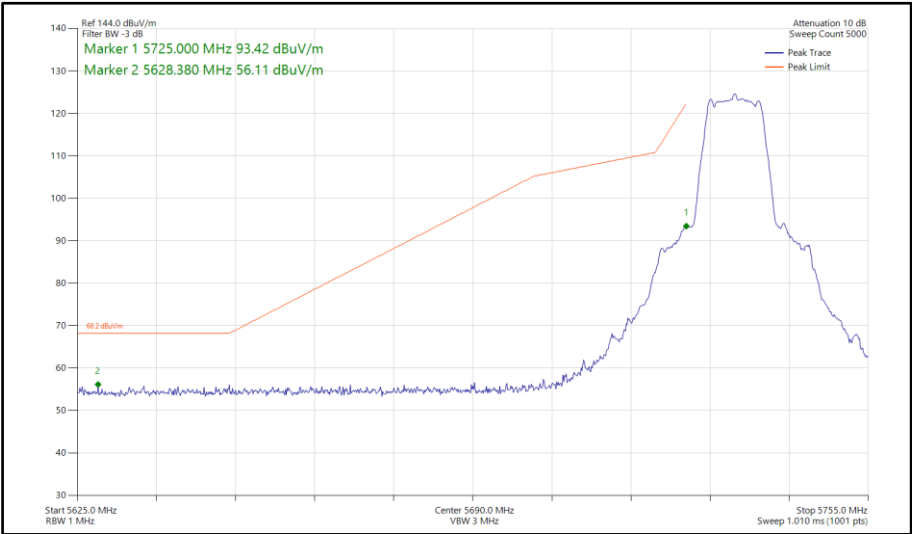


Figure 587 - HDRPL8, MIMO, Core 0-1 - 5733 MHzBand Edge Frequency 5725 MHz

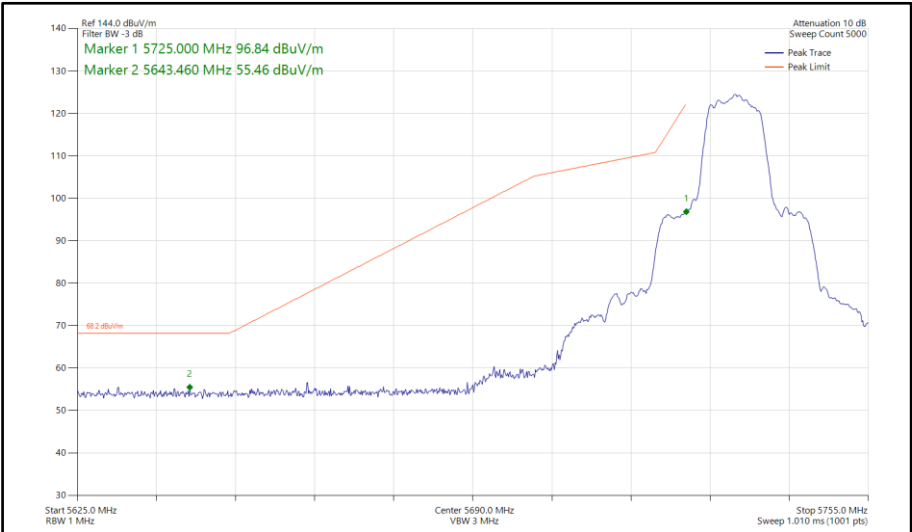


Figure 588 - HDRPL24, MIMO, Core 0-1 - 5733 MHzBand Edge Frequency 5725 MHz

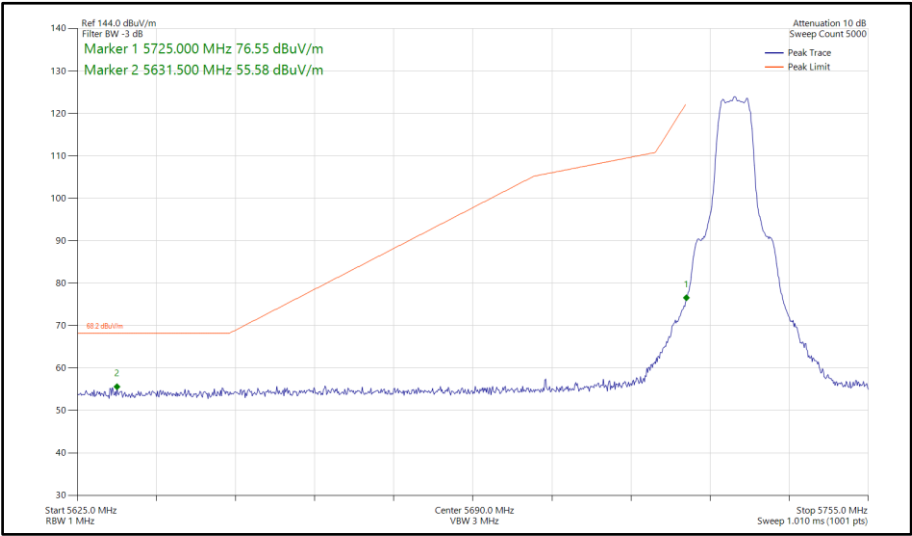


Figure 589 - XHDRPM8, MIMO, Core 0-1 - 5733 MHzBand Edge Frequency 5725 MHz

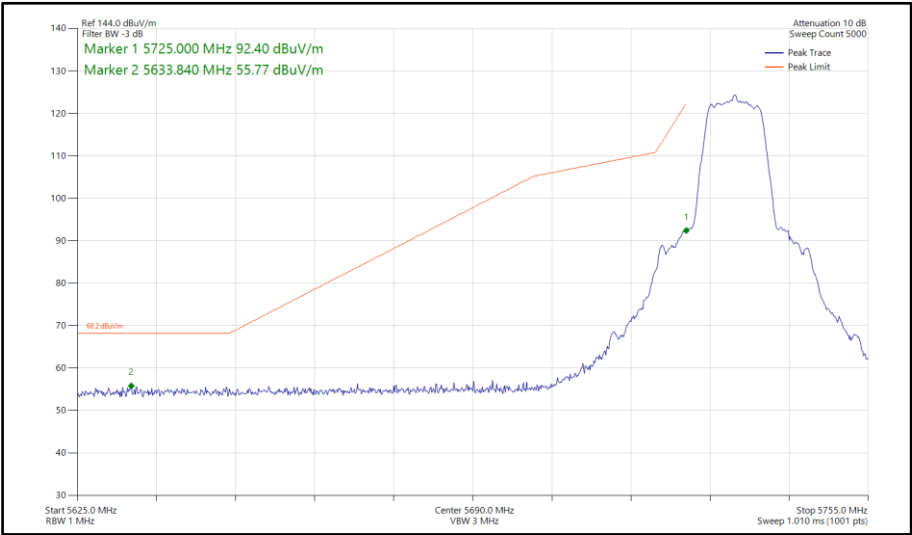
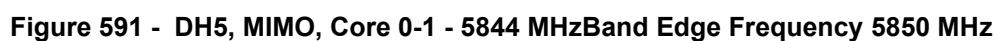


Figure 590 - XHDRPL24, MIMO, Core 0-1 - 5733 MHzBand Edge Frequency 5725 MHz



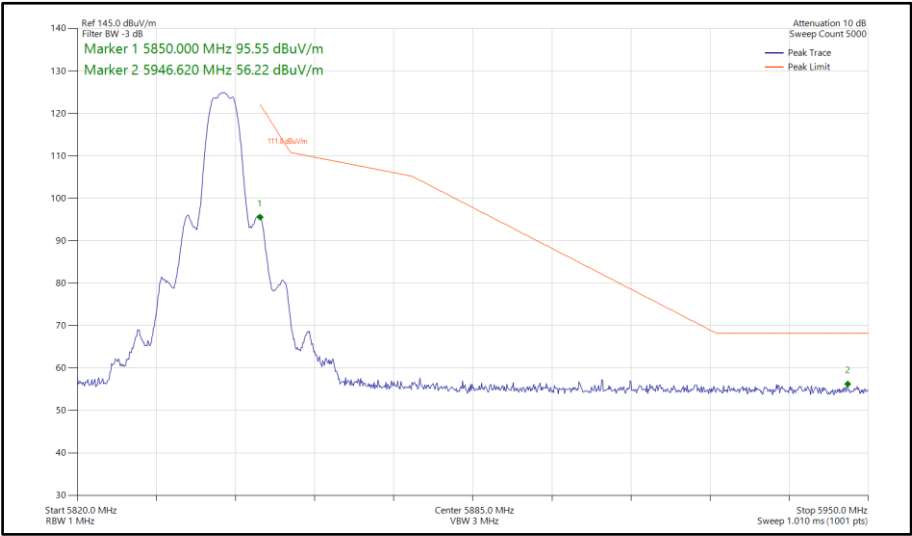


Figure 593 - HDR8, MIMO, Core 0-1 - 5844 MHzBand Edge Frequency 5850 MHz

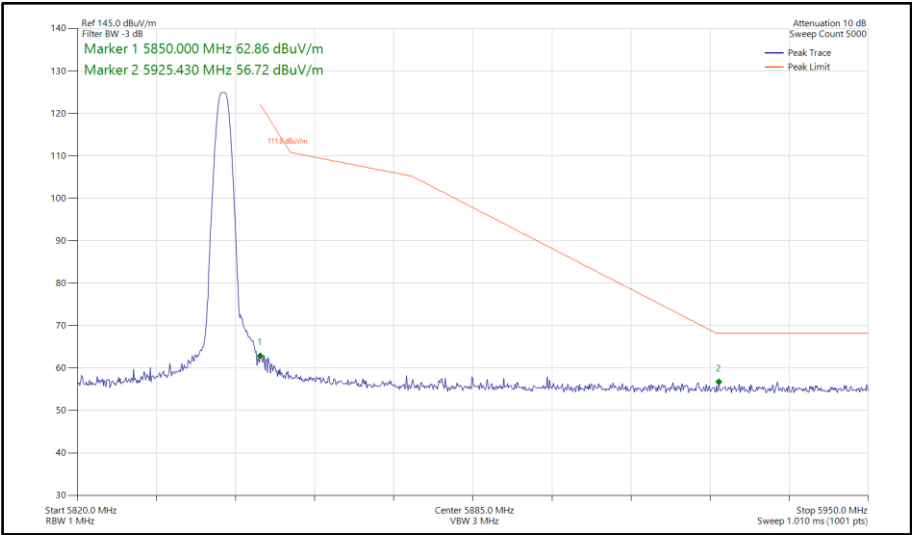


Figure 594 - LE1M, MIMO, Core 0-1 - 5844 MHzBand Edge Frequency 5850 MHz

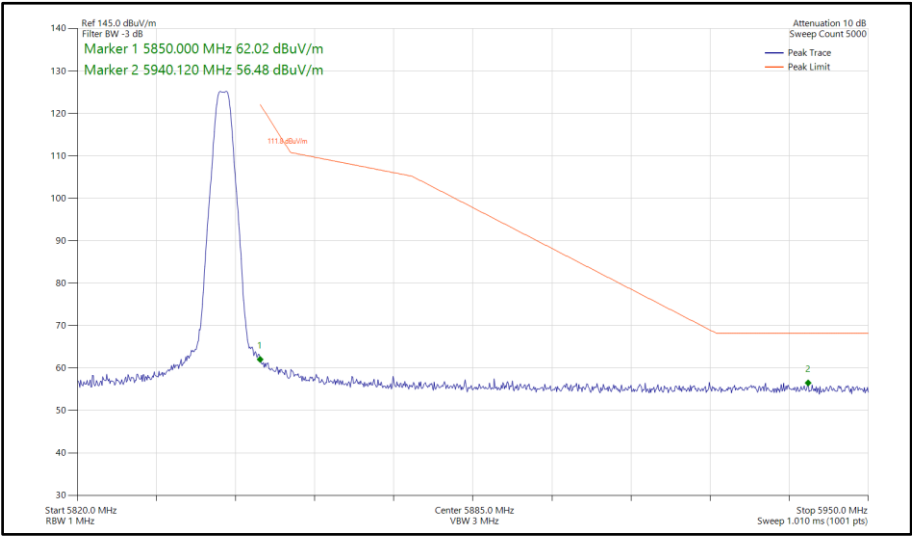


Figure 595 - LE2M, MIMO, Core 0-1 - 5844 MHz Band Edge Frequency 5850 MHz

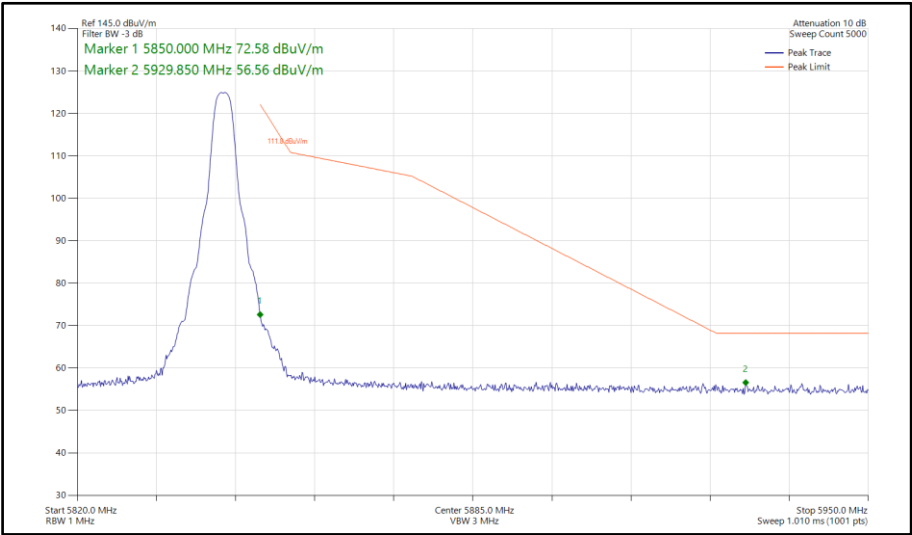


Figure 596 - HDT3, MIMO, Core 0-1 - 5844 MHz Band Edge Frequency 5850 MHz

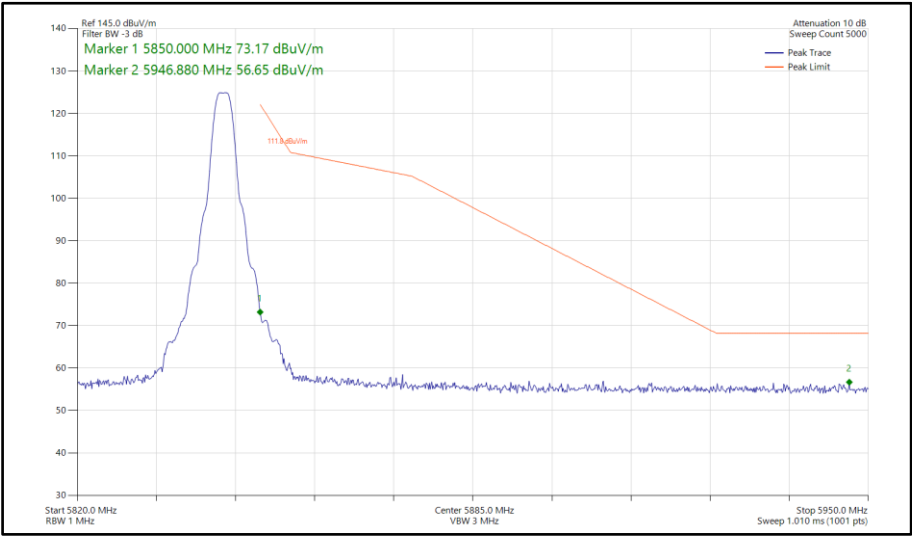


Figure 597 - HDT4, MIMO, Core 0-1 - 5844 MHz Band Edge Frequency 5850 MHz

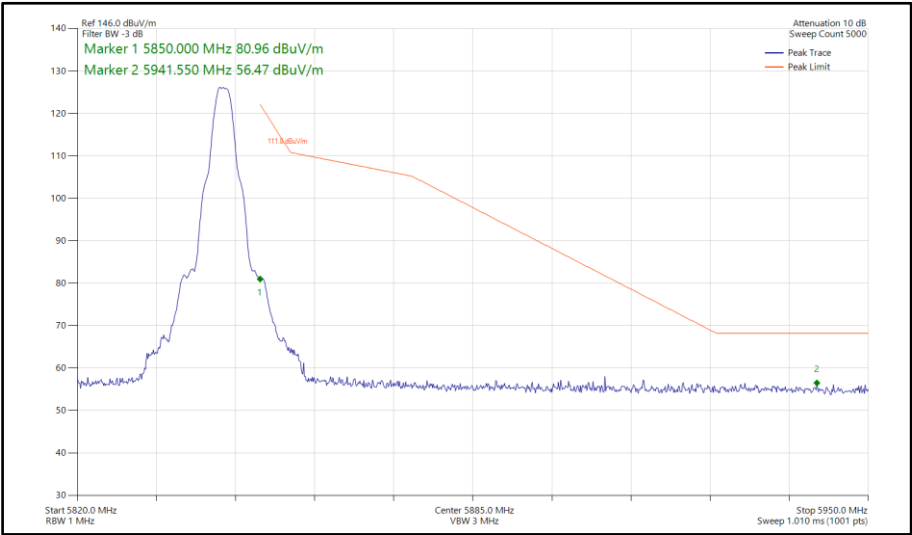


Figure 598 - HDT6, MIMO, Core 0-1 - 5844 MHz Band Edge Frequency 5850 MHz

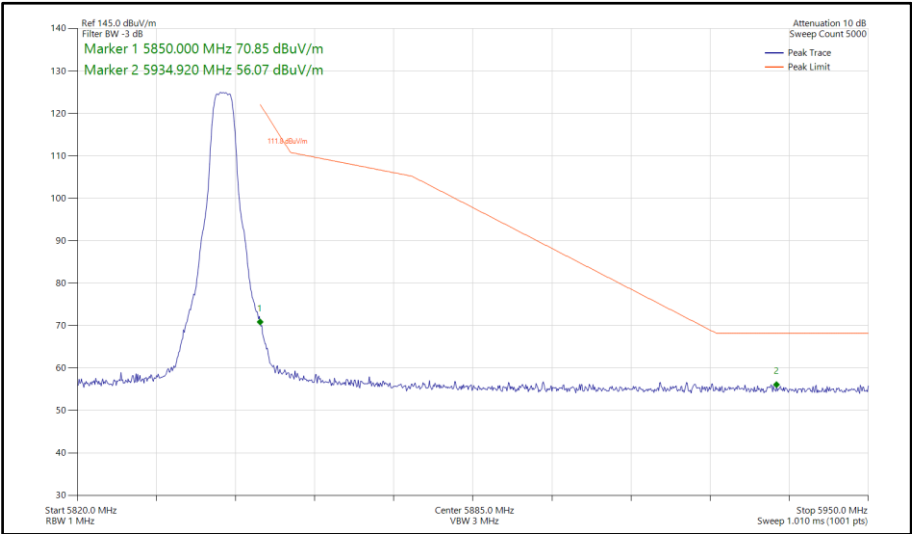


Figure 599 - HDRPS2, MIMO, Core 0-1 - 5844 MHzBand Edge Frequency 5850 MHz

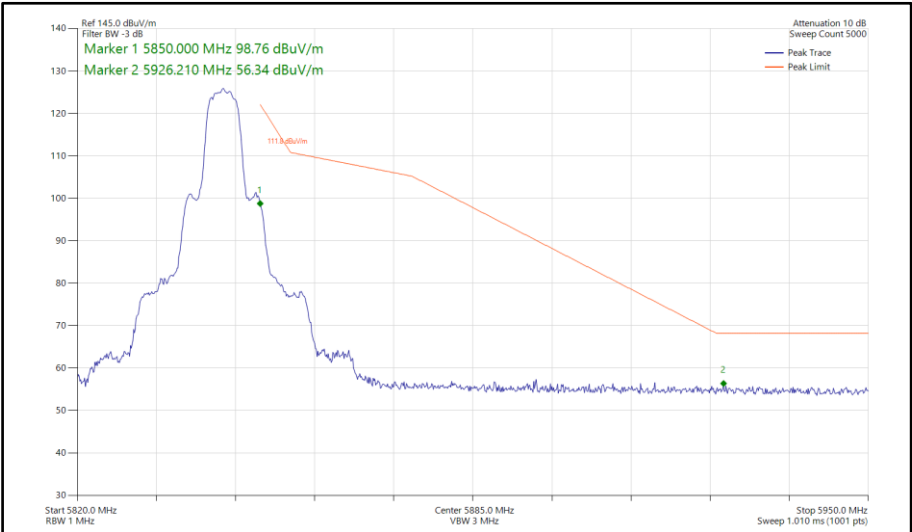


Figure 600 - HDRPM12, MIMO, Core 0-1 - 5844 MHzBand Edge Frequency 5850 MHz

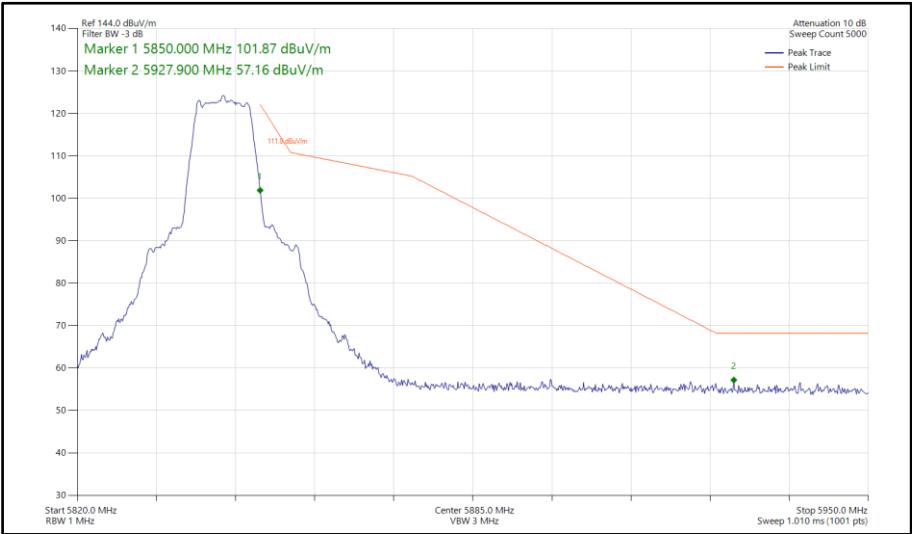


Figure 601 - HDRPL8, MIMO, Core 0-1 - 5844 MHzBand Edge Frequency 5850 MHz

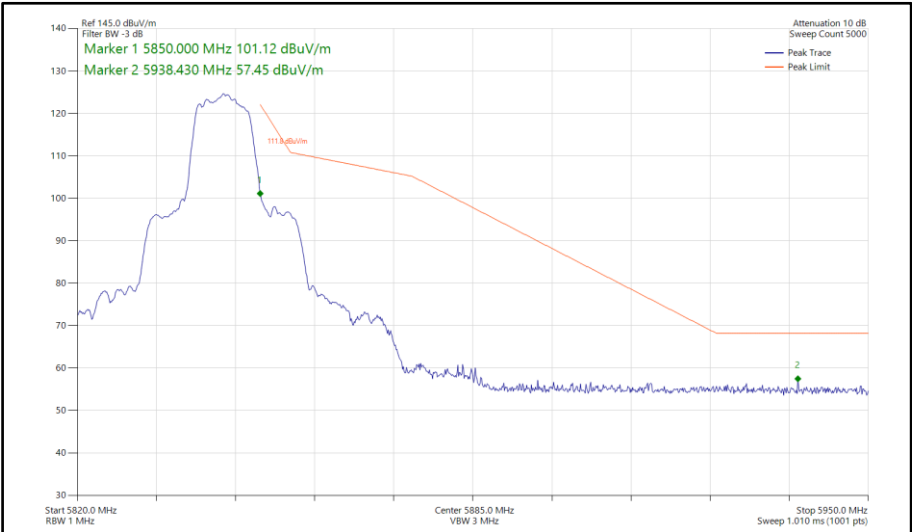


Figure 602 - HDRPL24, MIMO, Core 0-1 - 5844 MHzBand Edge Frequency 5850 MHz

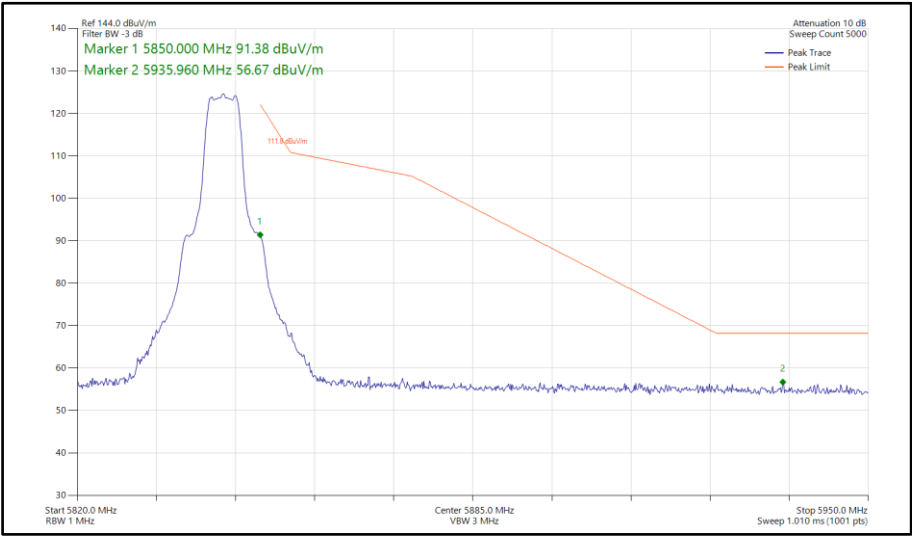


Figure 603 - XHDRPM8, MIMO, Core 0-1 - 5844 MHzBand Edge Frequency 5850 MHz

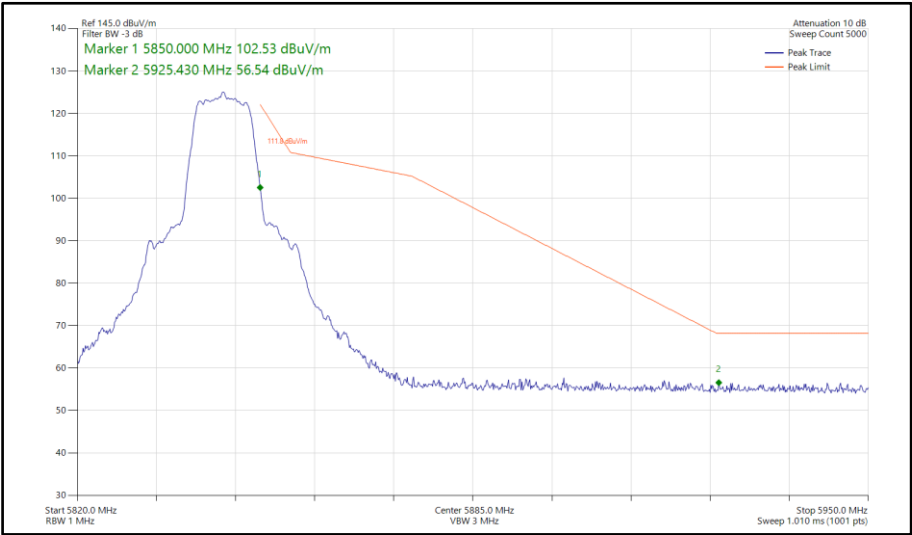


Figure 604 - XHDRPL24, MIMO, Core 0-1 - 5844 MHzBand Edge Frequency 5850 MHz



FCC 47 CFR Part 15E, Limit Clause 15.407(b)(1) & (4)

For transmitters operating in the 5.15-5.25 GHz band: ≤ -27 dBm/MHz outside 5150-5350 MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

ISED RSS-247, Limit Clause 7.3.1.3 and 7.3.4.4.

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB.

Devices operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following:

- 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
- 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.



2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 16.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6.1 V.	5125	-	O/P Mon
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	O/P Mon
3m Semi-Anechoic Chamber, Chamber16	Albatross Projects	RF Chamber 16	5972	36	07-May-2028
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5973	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5974	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5975	-	TU
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	14-Sep-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	05-Dec-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2026
USB Spectrum Analyser	Signal Hound	SA124B	6383	-	TU
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6741	12	27-Apr-2026
8m Cable	Junkosha	MWX221-08000AMSAMS/B	6748	12	27-Apr-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6805	12	24-Jul-2026
Handheld Hygrometer	Fluke	971	6837	12	16-Sep-2026
Cable Assembly	Pasternack	PE300-60	6858	-	TU
Cable Assembly	Pasternack	PE300-60	6864	-	TU
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6978	12	05-Apr-2026

Table 313

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



2.5 Restricted Band Edges

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.205
ISED RSS-247, Clause 2.4
ISED RSS-GEN, Clause 8.10

2.5.2 Equipment Under Test and Modification State

A3427, S/N: FJJHL9VFLF - Modification State 0

2.5.3 Date of Test

15-October-2025 to 18-October-2025

2.5.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.10.5.

[TEXT FOR APPLE INC]

Restricted Band Edge measurements were performed with the device operating in SISO, MIMO and TxBF, 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.

2.5.5 Environmental Conditions

Ambient Temperature	22.4 - 22.8 °C
Relative Humidity	47.8 - 48.8 %



2.5.6 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	5162	5150	52.97	41.95
Static	HDR4	5162	5150	53.07	41.97
Static	HDR8	5162	5150	59.17	45.75
Static	LE1M	5162	5150	52.79	41.51
Static	LE2M	5162	5150	52.78	43.18
Static	HDT3	5162	5150	64.13	50.23
Static	HDT4	5162	5150	65.32	50.82
Static	HDT6	5162	5150	66.80	50.43
Static	HDRPS2	5162	5150	53.25	41.19
Static	HDRPM12	5163	5150	53.43	41.46
Static	HDRPL8	5165	5150	60.59	50.11
Static	HDRPL24	5165	5150	55.40	42.73
Static	XHDRPM8	5163	5150	55.90	44.12
Static	XHDRPL24	5165	5150	60.11	49.73
Static	DH5	5245	5350	54.76	44.05
Static	HDR4	5245	5350	54.92	43.98
Static	HDR8	5245	5350	54.43	43.99
Static	LE1M	5245	5350	54.60	43.66
Static	LE2M	5245	5350	54.64	45.34
Static	HDT3	5245	5350	55.33	43.16
Static	HDT4	5245	5350	54.75	43.22
Static	HDT6	5245	5350	55.76	43.36
Static	HDRPS2	5245	5350	54.75	43.30
Static	HDRPM12	5245	5350	55.68	43.37
Static	HDRPL8	5245	5350	54.75	43.37
Static	HDRPL24	5245	5350	55.00	43.69
Static	XHDRPM8	5245	5350	54.97	43.38
Static	XHDRPL24	5245	5350	55.16	43.87

Table 314 - SISO Restricted Band Edge Results

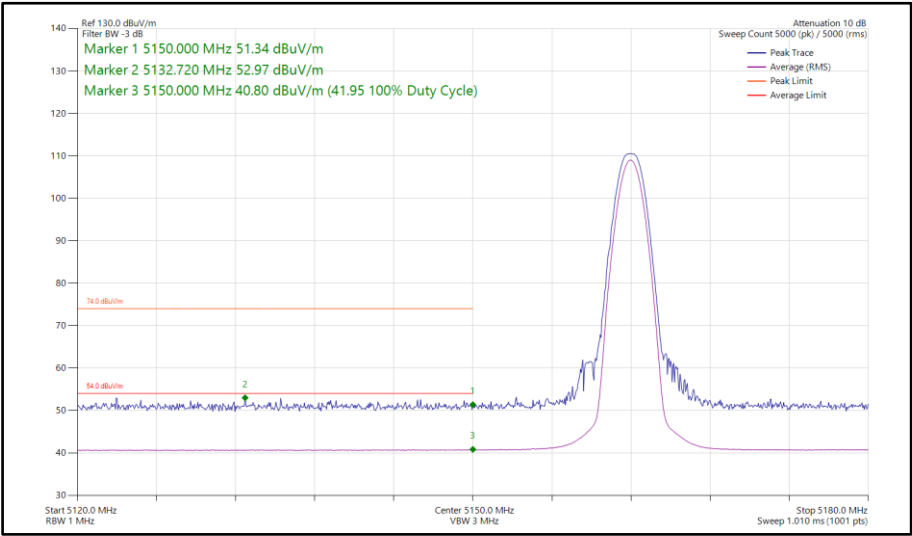


Figure 605 - DH5, SISO, Core 0 - 5162 MHzBand Edge Frequency 5150 MHz

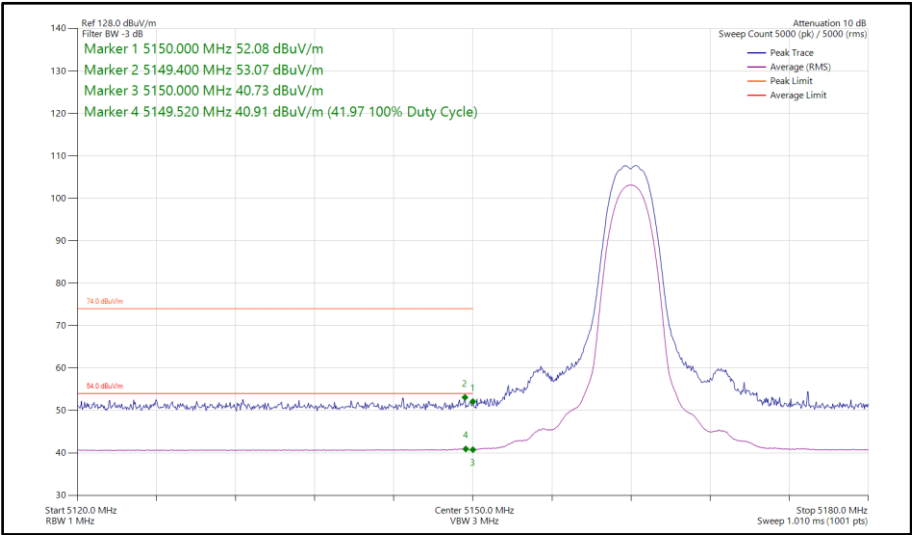


Figure 606 - HDR4, SISO, Core 0 - 5162 MHzBand Edge Frequency 5150 MHz

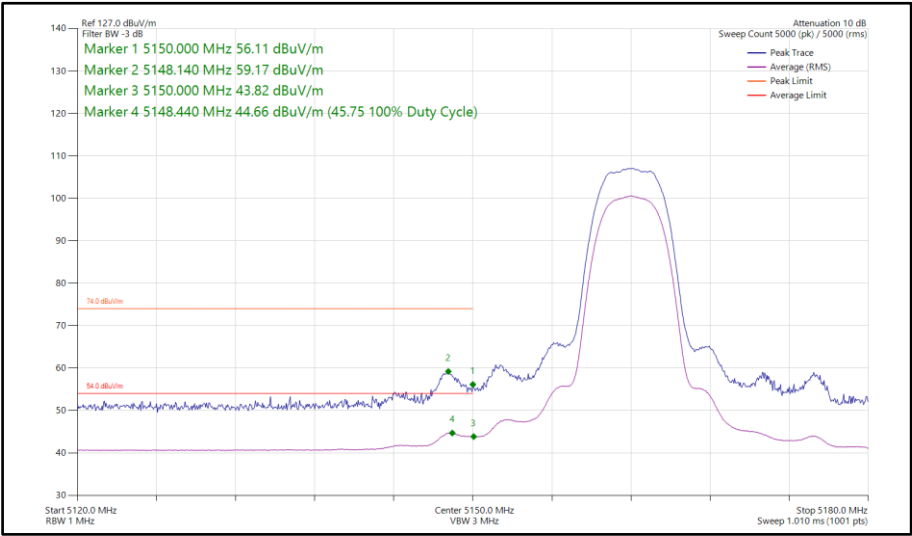


Figure 607 - HDR8, SISO, Core 0 - 5162 MHz Band Edge Frequency 5150 MHz

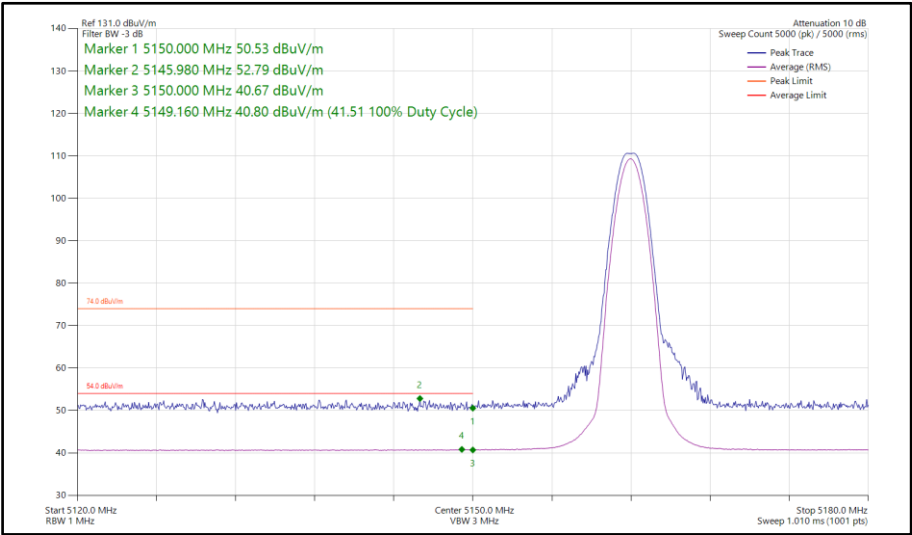


Figure 608 - LE1M, SISO, Core 0 - 5162 MHz Band Edge Frequency 5150 MHz

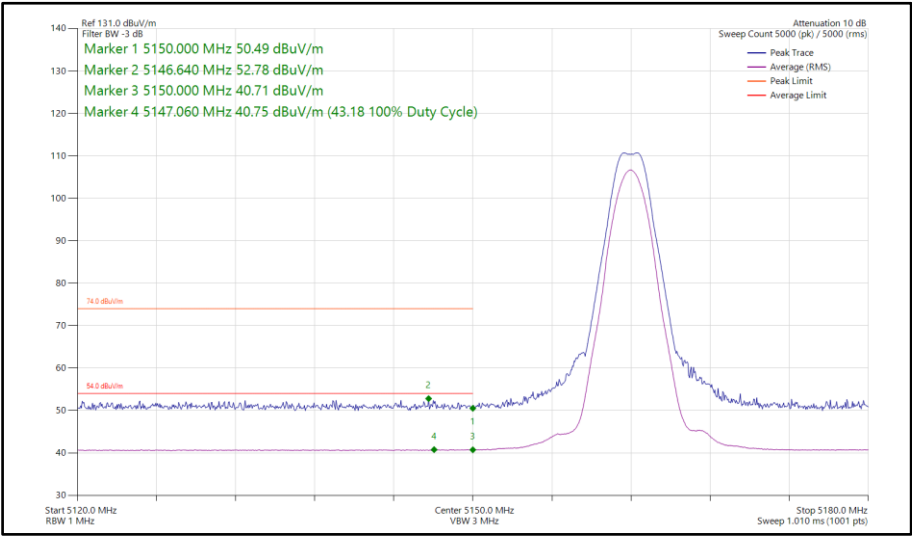


Figure 609 - LE2M, SISO, Core 0 - 5162 MHz Band Edge Frequency 5150 MHz

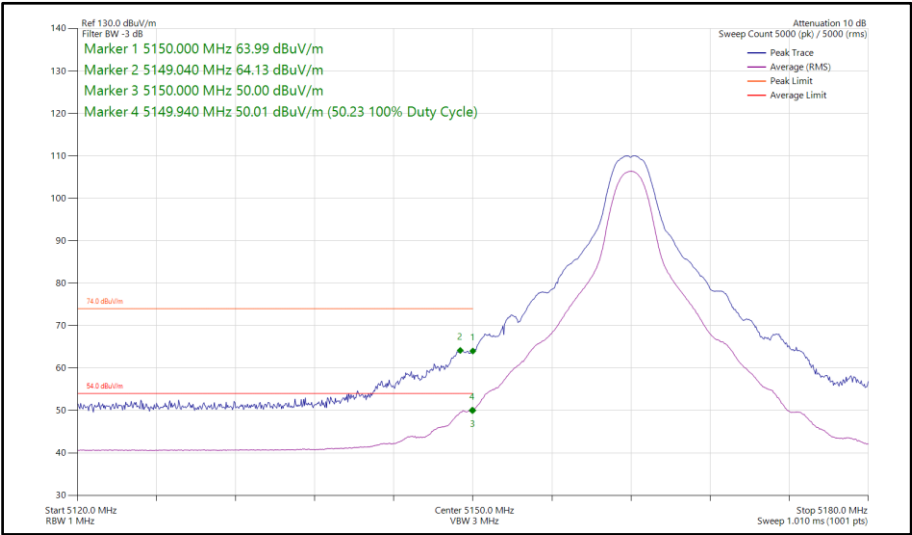


Figure 610 - HDT3, SISO, Core 0 - 5162 MHz Band Edge Frequency 5150 MHz

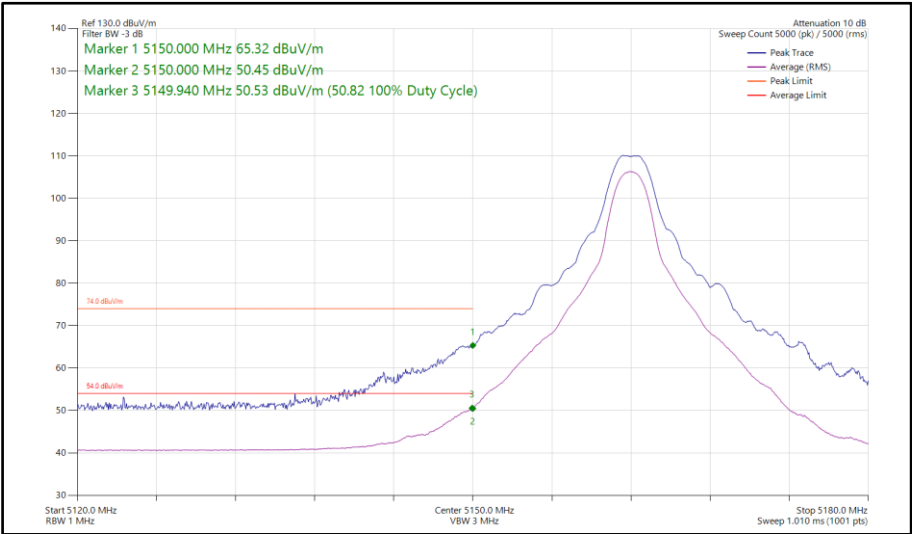


Figure 611 - HDT4, SISO, Core 0 - 5162 MHz Band Edge Frequency 5150 MHz

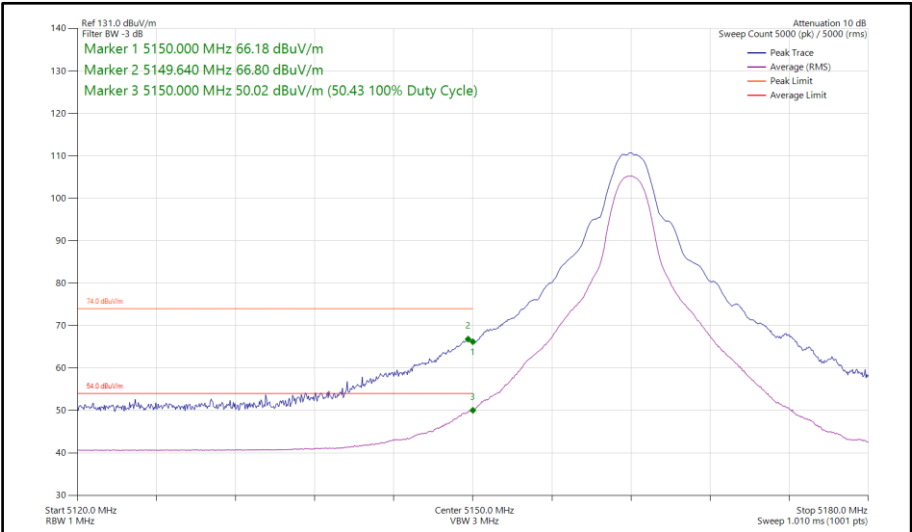


Figure 612 - HDT6, SISO, Core 0 - 5162 MHz Band Edge Frequency 5150 MHz

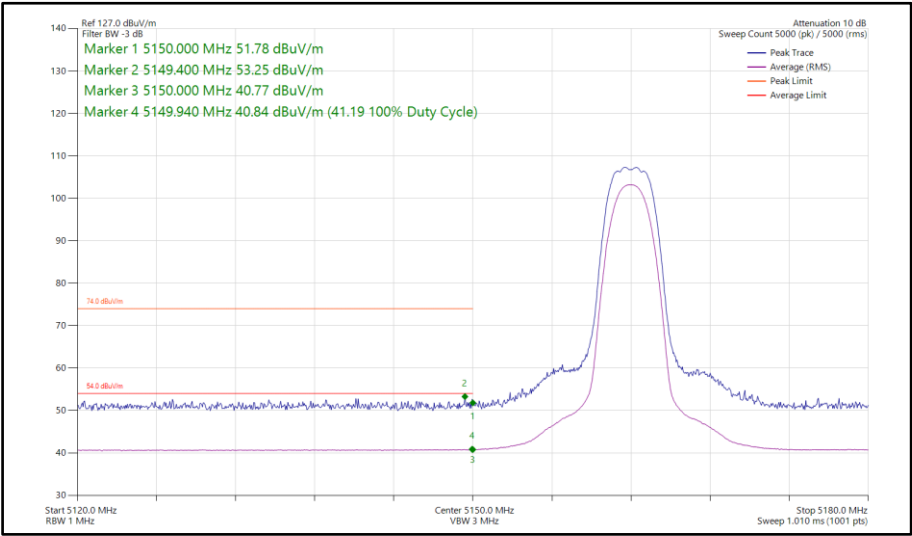


Figure 613 - HDRPS2, SISO, Core 0 - 5162 MHz Band Edge Frequency 5150 MHz

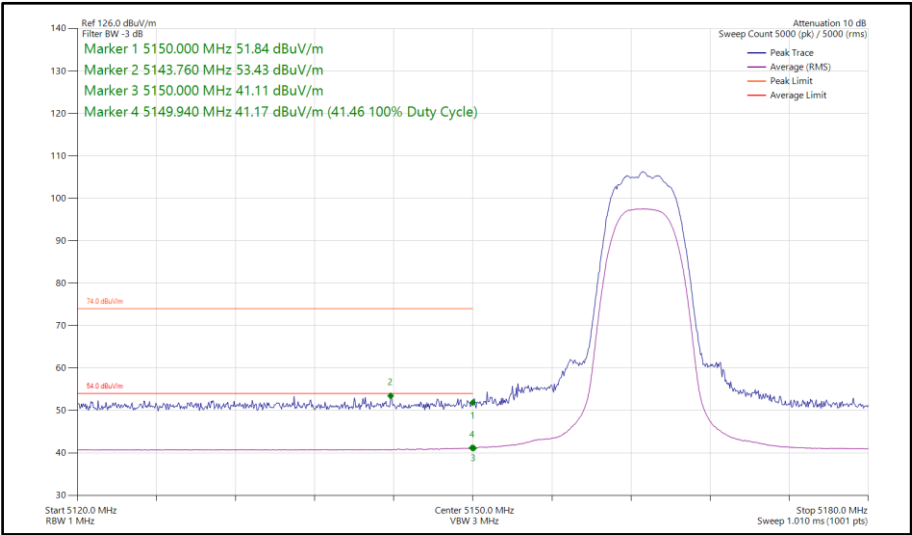


Figure 614 - HDRPM12, SISO, Core 0 - 5163 MHz Band Edge Frequency 5150 MHz

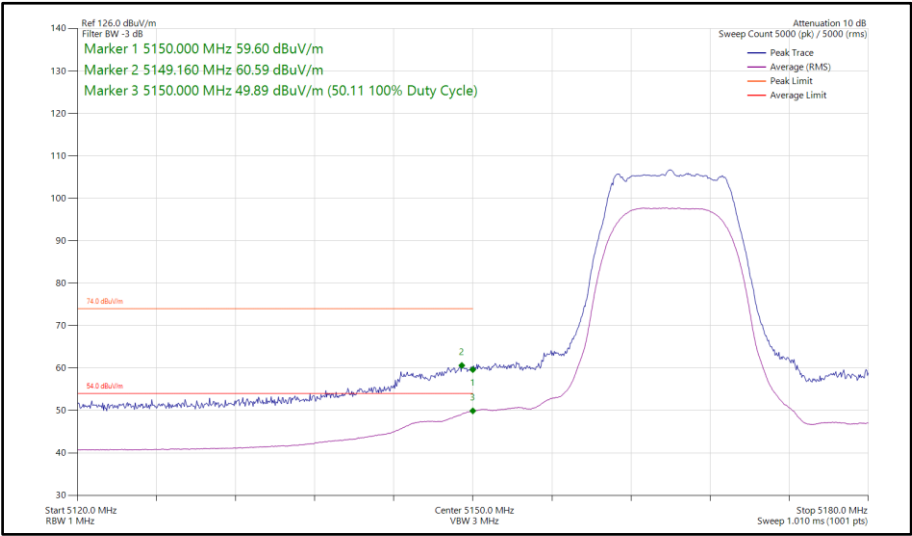


Figure 615 - HDRPL8, SISO, Core 0 - 5165 MHzBand Edge Frequency 5150 MHz

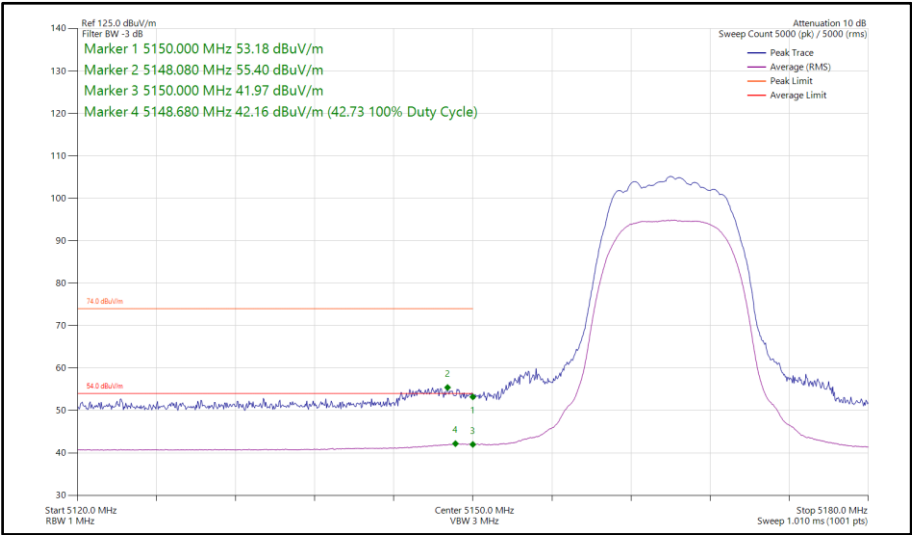


Figure 616 - HDRPL24, SISO, Core 0 - 5165 MHzBand Edge Frequency 5150 MHz

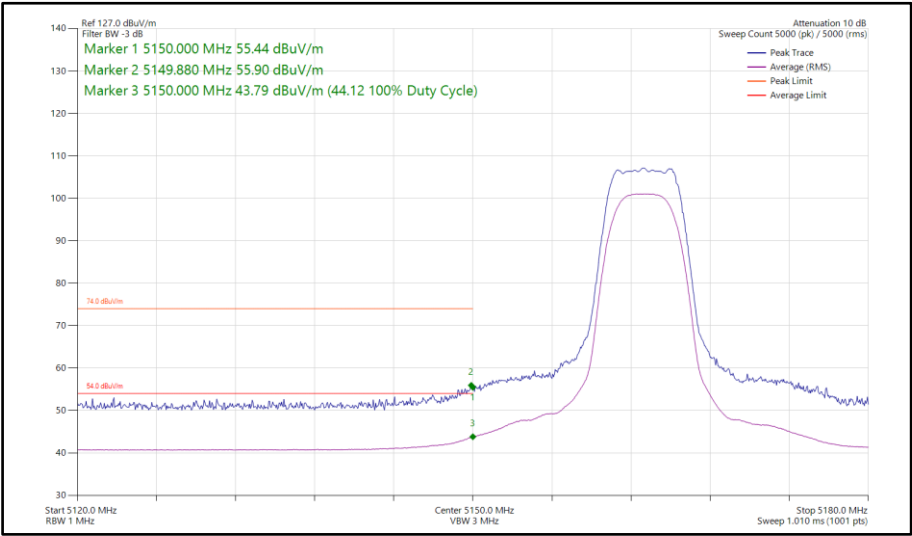


Figure 617 - XHDRPM8, SISO, Core 0 - 5163 MHzBand Edge Frequency 5150 MHz

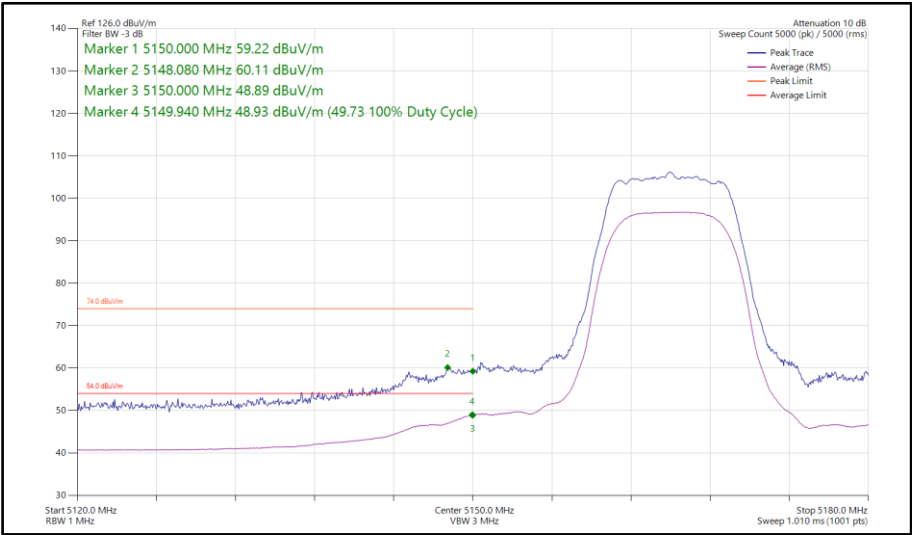


Figure 618 - XHDRPL24, SISO, Core 0 - 5165 MHzBand Edge Frequency 5150 MHz

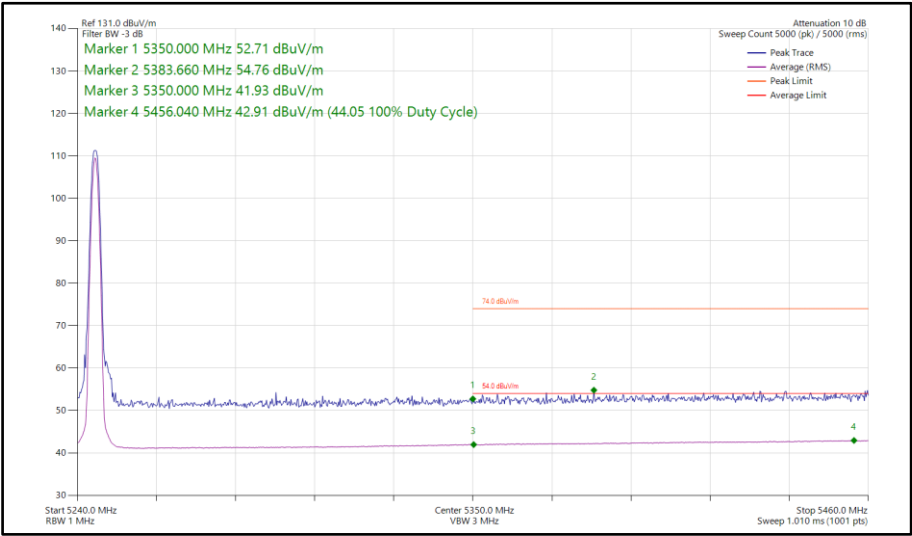


Figure 619 - DH5, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz

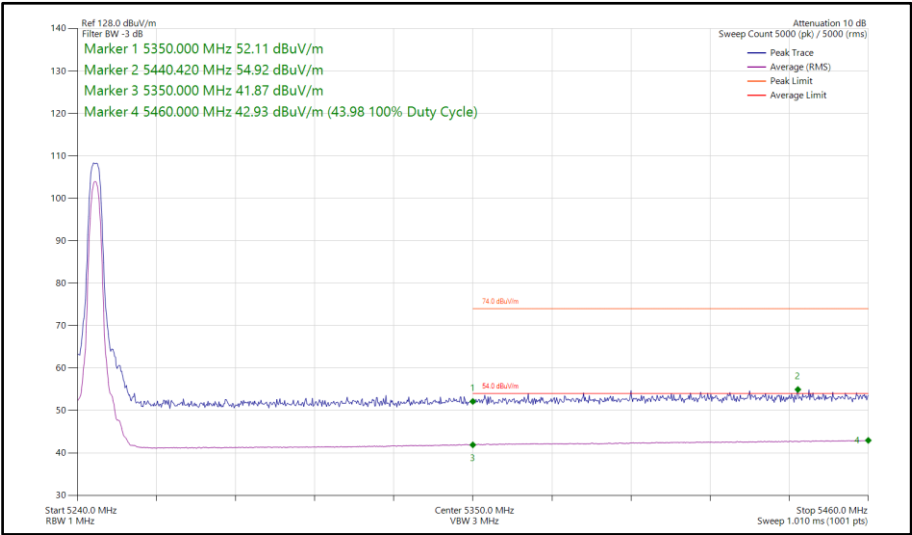


Figure 620 - HDR4, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz

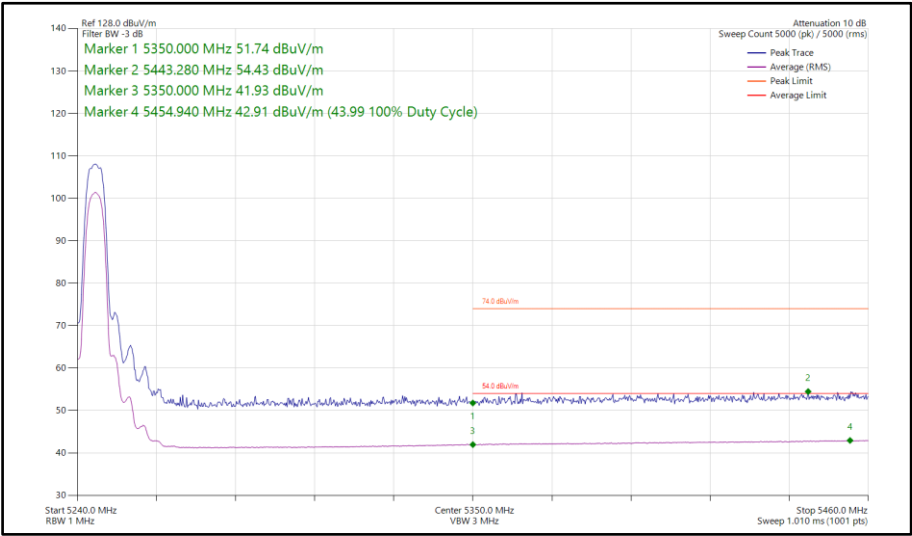


Figure 621 - HDR8, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz

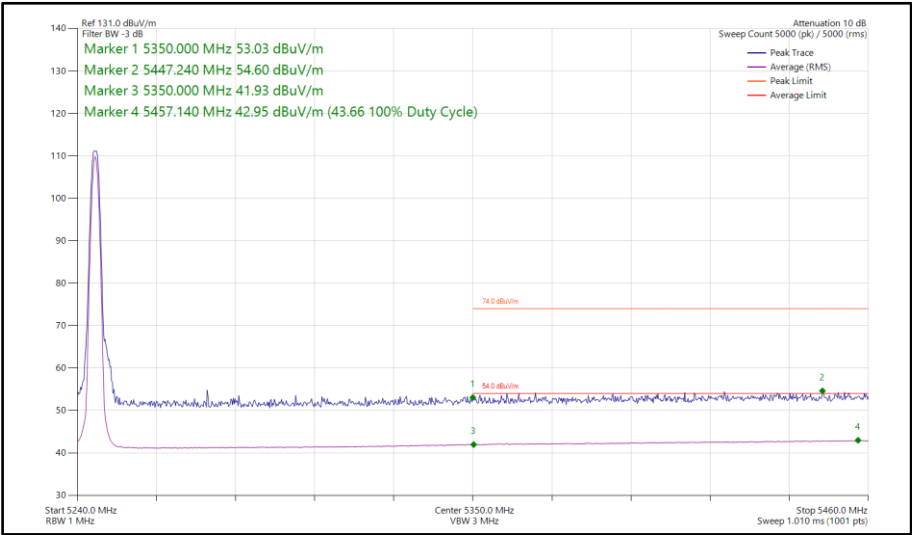


Figure 622 - LE1M, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz

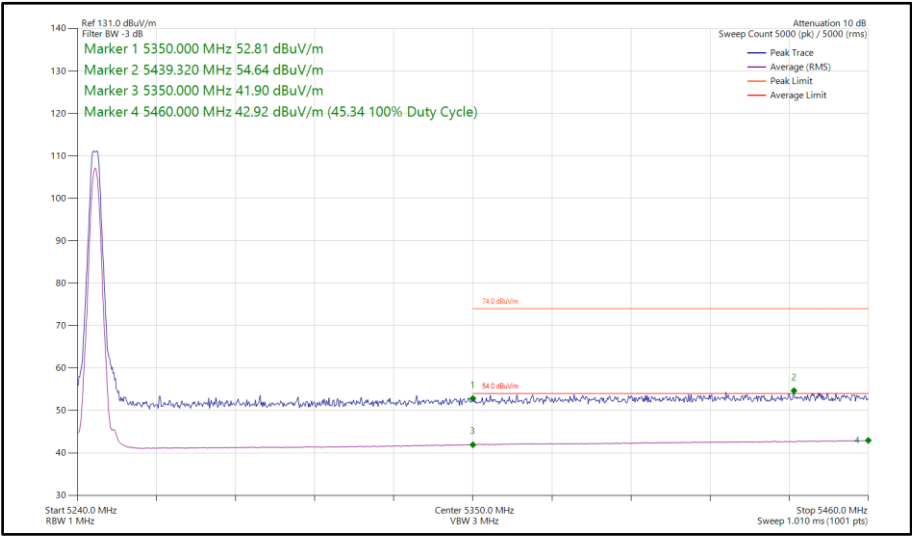


Figure 623 - LE2M, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz

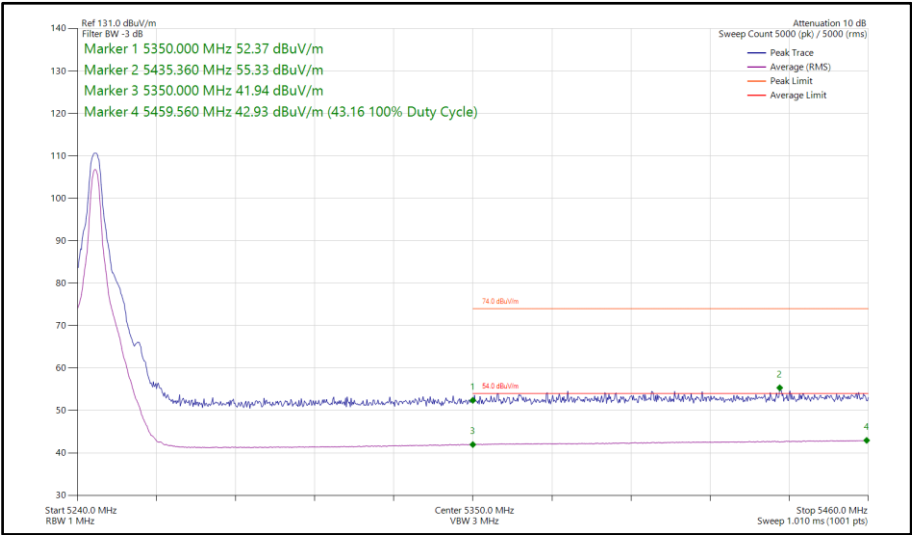


Figure 624 - HDT3, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz

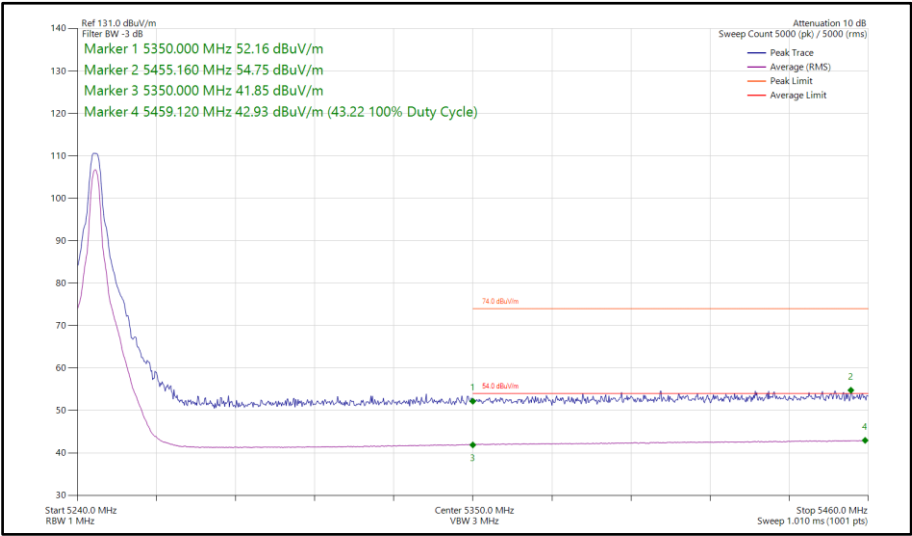


Figure 625 - HDT4, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz

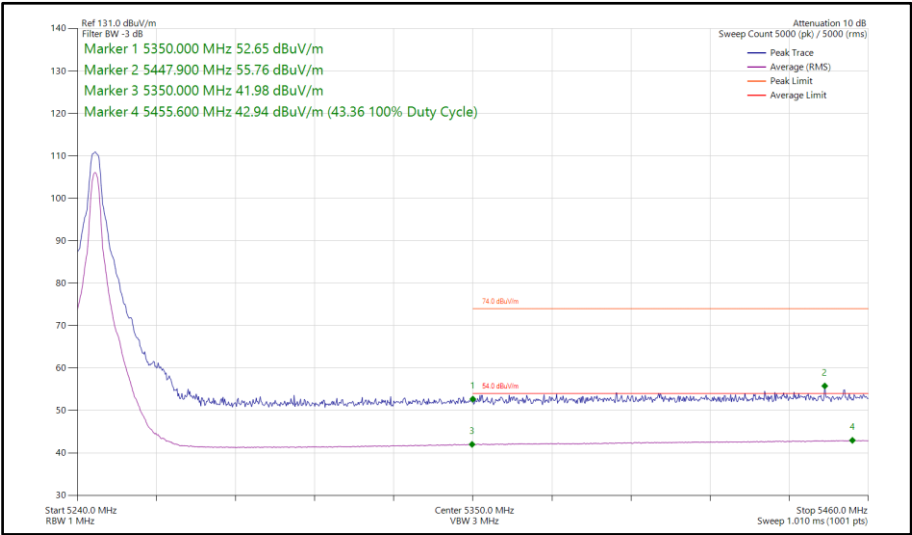
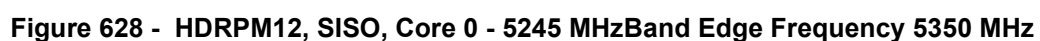
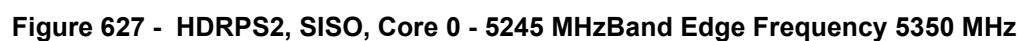


Figure 626 - HDT6, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz



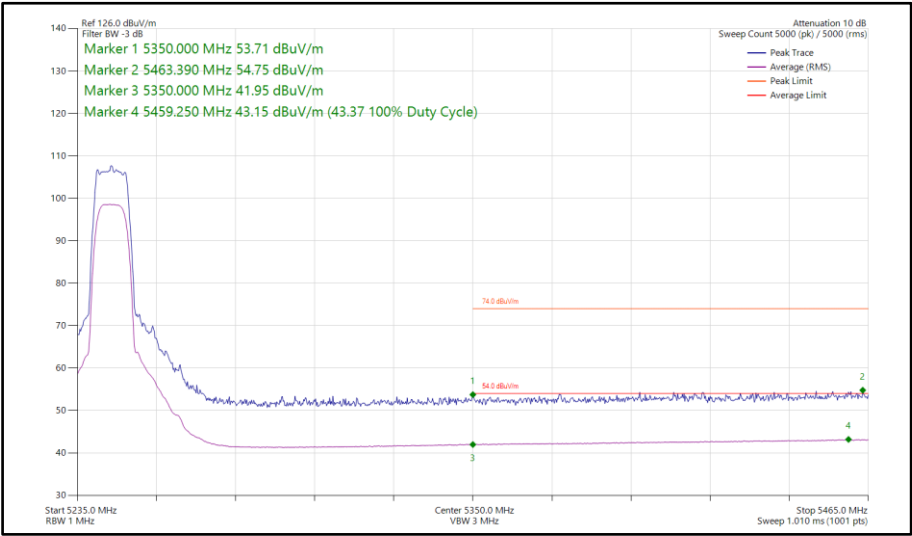


Figure 629 - HDRPL8, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz

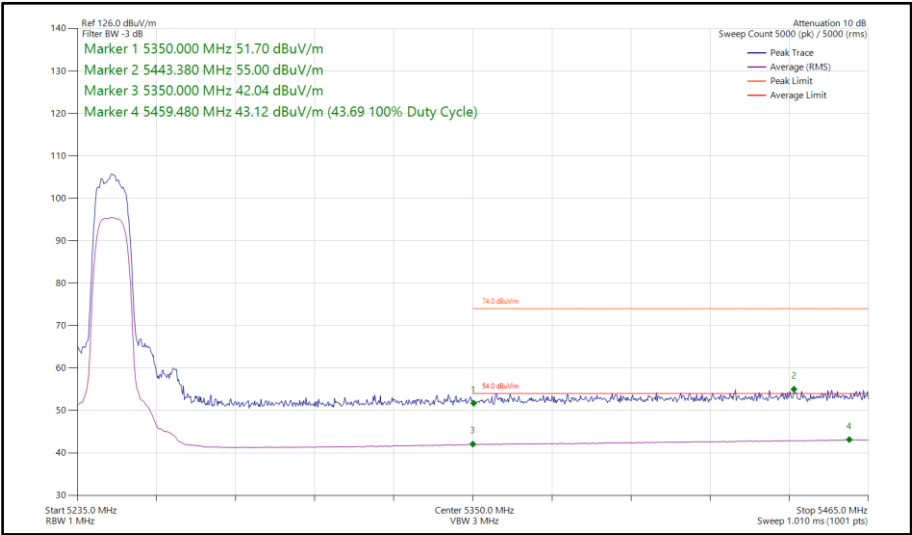


Figure 630 - HDRPL24, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz

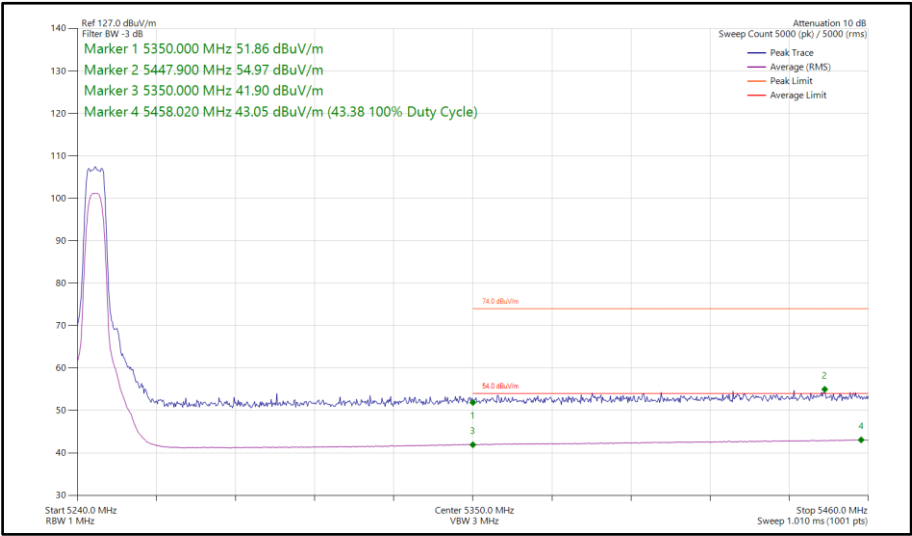


Figure 631 - XHDRPM8, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz

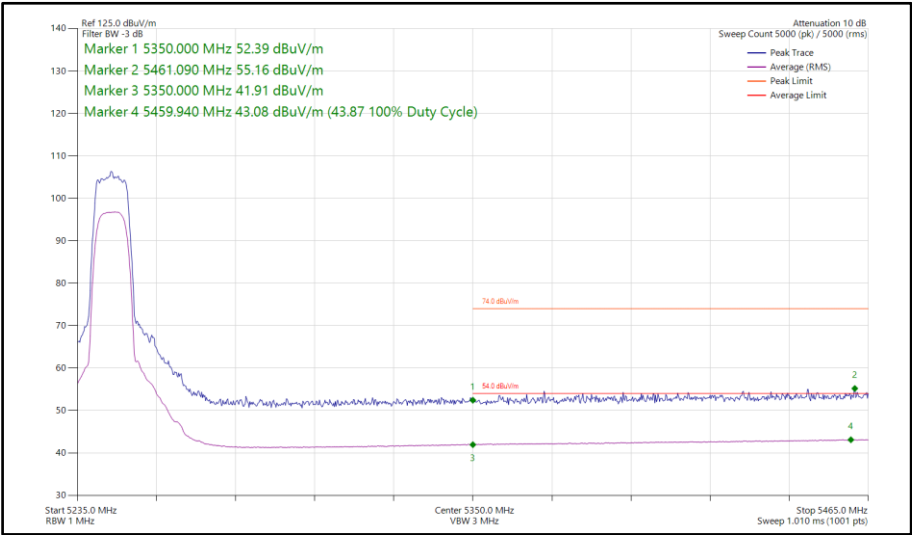


Figure 632 - XHDRPL24, SISO, Core 0 - 5245 MHz Band Edge Frequency 5350 MHz



iPA - Core 1 (SISO)

Mode	Packet Type	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBuV/m)
Static	DH5	5162	5150	52.56	42.00
Static	HDR4	5162	5150	52.95	42.07
Static	HDR8	5162	5150	59.76	45.72
Static	LE1M	5162	5150	53.24	41.57
Static	LE2M	5162	5150	52.80	43.25
Static	HDT3	5162	5150	63.85	50.45
Static	HDT4	5162	5150	66.73	51.10
Static	HDT6	5162	5150	66.73	50.88
Static	HDRPS2	5162	5150	53.12	41.30
Static	HDRPM12	5163	5150	52.79	41.43
Static	HDRPL8	5165	5150	60.83	50.11
Static	HDRPL24	5165	5150	55.87	42.74
Static	XHDRPM8	5163	5150	55.74	43.94
Static	XHDRPL24	5165	5150	60.95	50.28
Static	DH5	5245	5350	54.76	44.02
Static	HDR4	5245	5350	55.06	44.04
Static	HDR8	5245	5350	54.46	44.03
Static	LE1M	5245	5350	55.29	43.63
Static	LE2M	5245	5350	54.84	45.38
Static	HDT3	5245	5350	54.62	43.16
Static	HDT4	5245	5350	54.45	43.26
Static	HDT6	5245	5350	54.82	43.32
Static	HDRPS2	5245	5350	54.38	43.23
Static	HDRPM12	5245	5350	54.95	43.24
Static	HDRPL8	5245	5350	54.73	43.15
Static	HDRPL24	5245	5350	54.54	43.53
Static	XHDRPM8	5245	5350	54.70	43.28
Static	XHDRPL24	5245	5350	55.04	43.92

Table 315 - SISO Restricted Band Edge Results

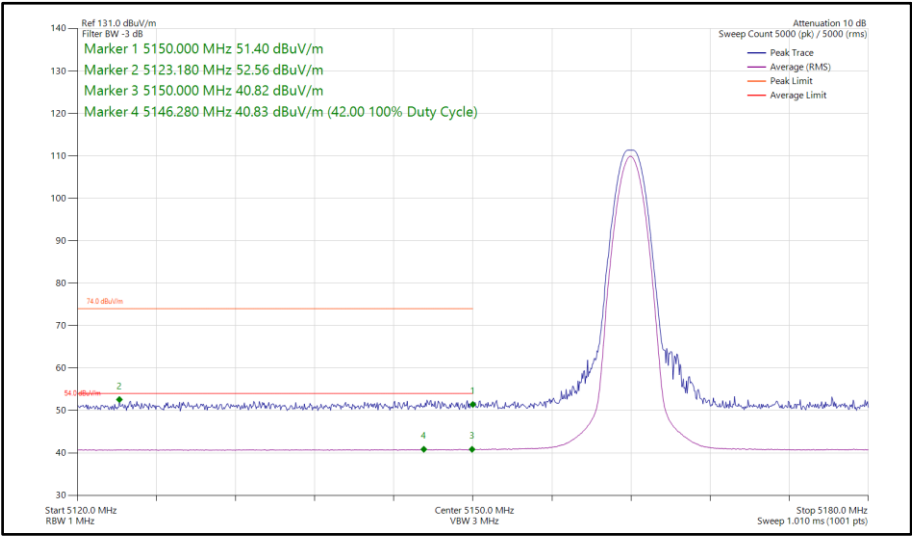


Figure 633 - DH5, SISO, Core 1 - 5162 MHzBand Edge Frequency 5150 MHz

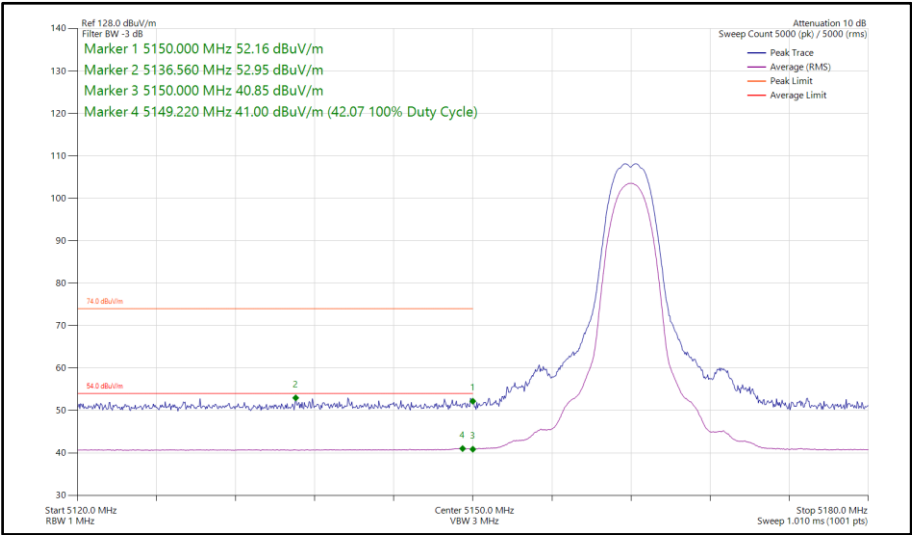


Figure 634 - HDR4, SISO, Core 1 - 5162 MHzBand Edge Frequency 5150 MHz

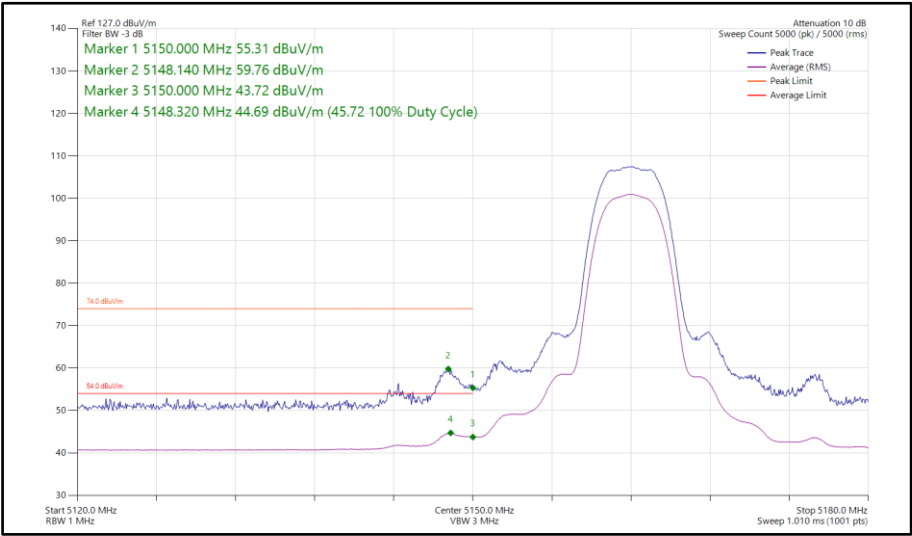


Figure 635 - HDR8, SISO, Core 1 - 5162 MHz Band Edge Frequency 5150 MHz

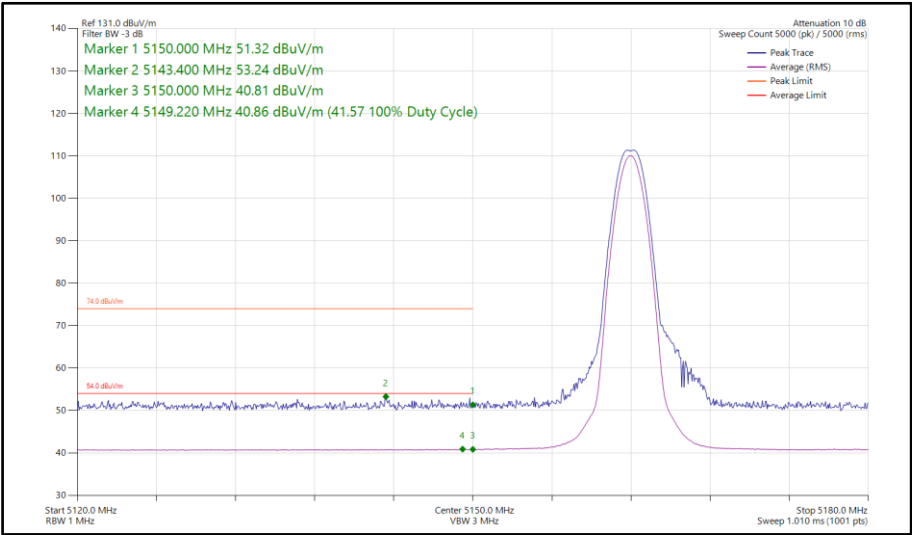


Figure 636 - LE1M, SISO, Core 1 - 5162 MHz Band Edge Frequency 5150 MHz