

Transmitter Band Edge Radiated Emissions (5.15-5.25 GHz band operation) (continued)

Results: Static / 4DH5 / Beamforming / Core 0 + Core 1 / ePA

Results: Lower Band Edge / Peak

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5149.199	61.0	74.0	13.0	Complied
5150	60.9	74.0	13.1	Complied

Results: Upper Band Edge / Peak

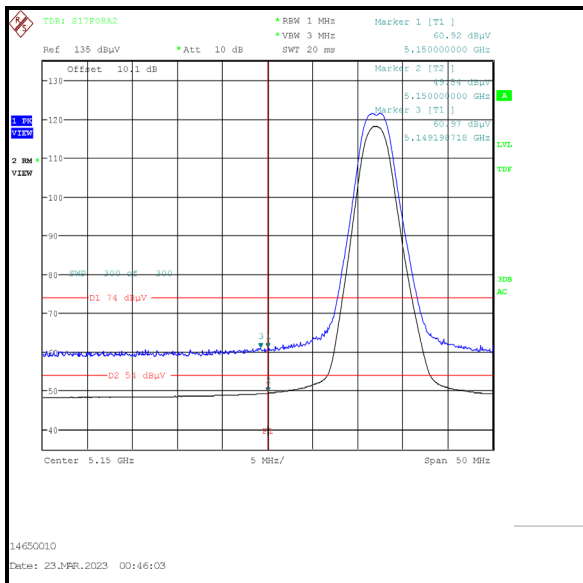
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350	59.1	74.0	14.9	Complied
5445.897	61.1	74.0	12.9	Complied

Results: Lower Band Edge / Average

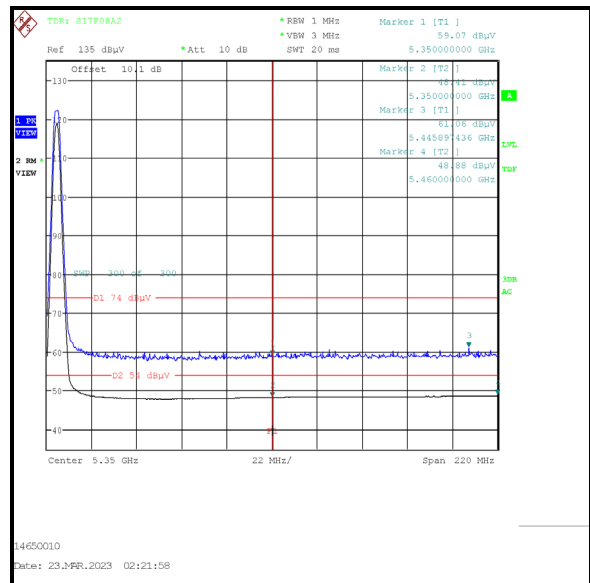
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5150	49.5	54.0	4.5	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350	48.4	54.0	5.6	Complied
5460.000	48.9	54.0	5.1	Complied



Lower Band Edge



Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.15-5.25 GHz band operation) (continued)

Results: Static / 8DH5 / Beamforming / Core 0 + Core 1 / iPA

Results: Lower Band Edge / Peak

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5148.878	59.6	74.0	14.4	Complied
5150	58.5	74.0	15.5	Complied

Results: Upper Band Edge / Peak

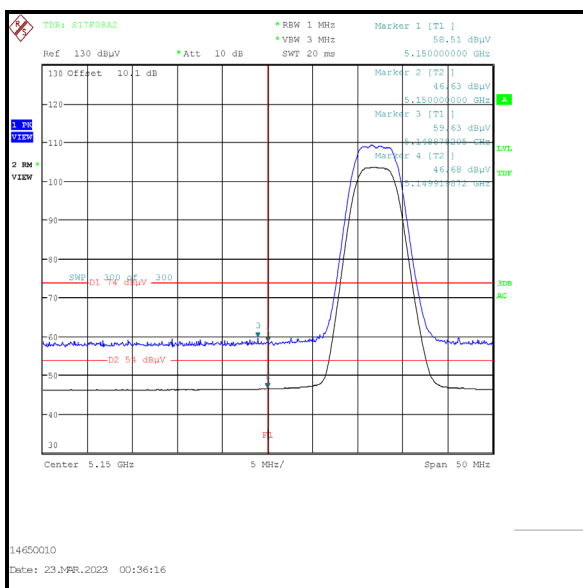
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350	57.6	74.0	16.4	Complied
5391.603	59.7	74.0	14.3	Complied

Results: Lower Band Edge / Average

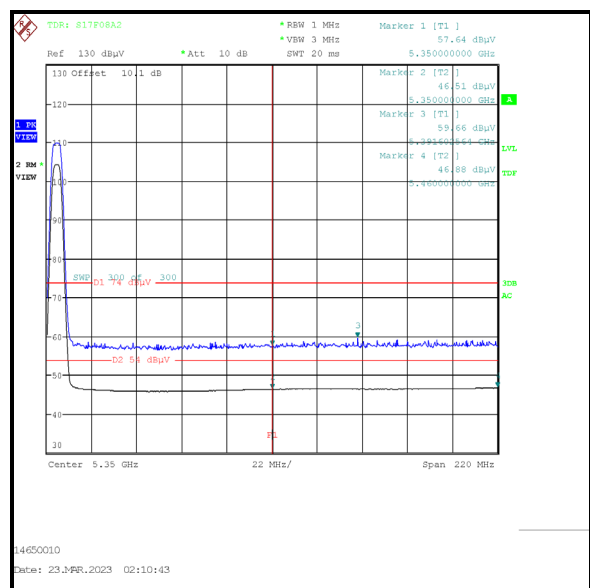
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5149.919	46.7	54.0	7.3	Complied
5150	46.6	54.0	7.4	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350	46.5	54.0	7.5	Complied
5460.000	46.9	54.0	7.1	Complied



Lower Band Edge



Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.15-5.25 GHz band operation) (continued)

Results: Static / 8DH5 / Beamforming / Core 0 + Core 1 / ePA

Results: Lower Band Edge / Peak

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5148.958	62.7	74.0	11.3	Complied
5150	62.1	74.0	11.9	Complied

Results: Upper Band Edge / Peak

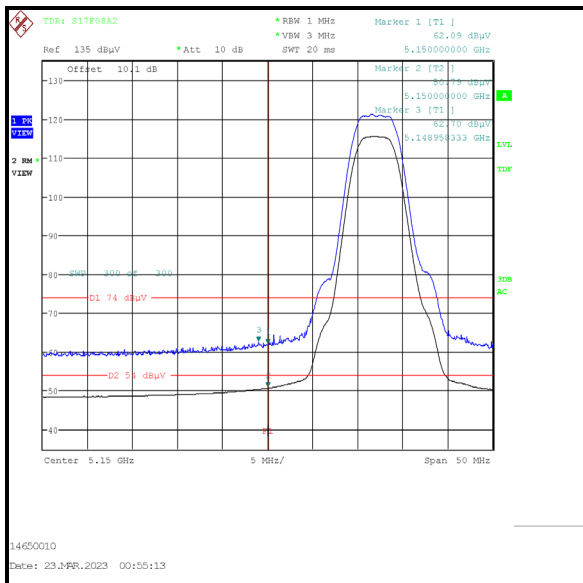
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350	59.3	74.0	14.7	Complied
5413.814	60.6	74.0	13.4	Complied

Results: Lower Band Edge / Average

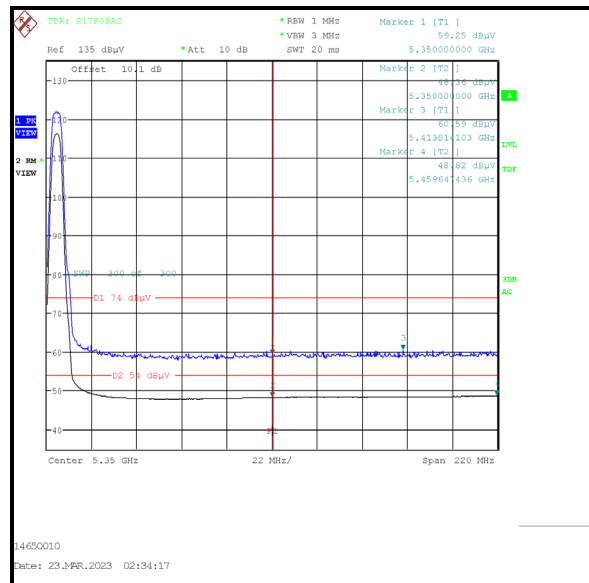
Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5150	50.8	54.0	3.2	Complied

Results: Upper Band Edge / Average

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5350	48.4	54.0	5.6	Complied
5459.647	48.8	54.0	5.2	Complied



Lower Band Edge



Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band)**5.3.2 5.725-5.85 GHz band****Test Summary:**

Test Engineers:	Andrew Harding & John Ferdinand	Test Dates:	23 March 2023 & 24 March 2023
Test Sample Serial Number:	J5047MKVKJ		

FCC Reference:	Parts 15.407(b)(4)(i),(10), 15.205 & 15.209(a)
Test Method Used:	ANSI C63.10 Section 6.10 & KDB 789033 II.G.

Environmental Conditions:

Temperature (°C):	23
Relative Humidity (%):	40 to 41

Note(s):

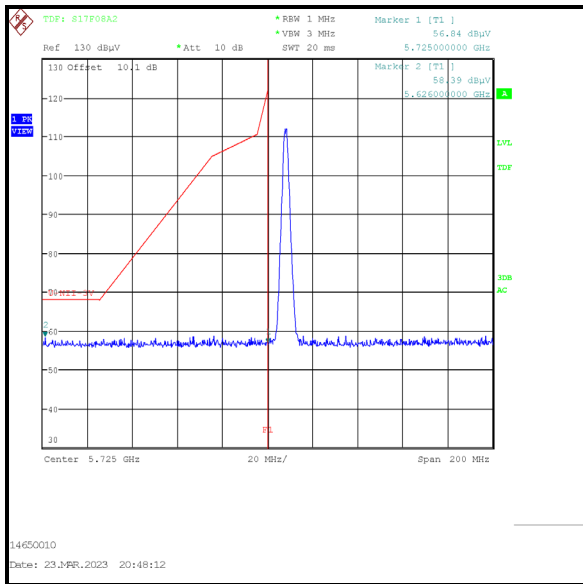
1. Lower band edge measurements were performed with the EUT transmitting on the bottom channel. Upper band edge measurements were performed with the EUT transmitting on the top channel.
2. In addition, the lower and upper band edges were performed with the EUT configured in hopping mode. It was set to hop across the 79 channels closest to the applicable band edge. These plots are archived on the UL IT server and available for inspection if required.
3. For completeness, results are also shown as EIRP in dBm and also as field strength in dB μ V/m. Measured field strength was converted to EIRP in accordance with KDB 789033 G.2.c)(iii) using a conversion factor of 95.2.

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

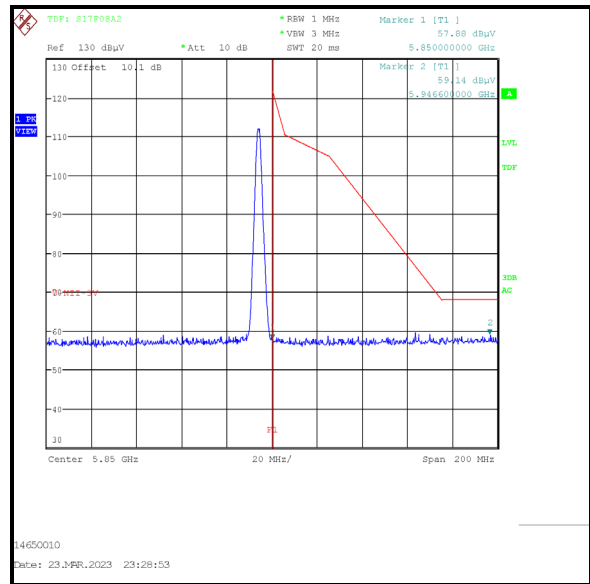
Results: Static / DH5 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5626.000	-36.8	-27.0	9.8	Complied
5725	-38.4	27.0	65.4	Complied
5850	-37.3	27.0	64.3	Complied
5946.600	-36.1	-27.0	9.1	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5626.000	58.4	68.2	9.8	Complied
5725	56.8	122.2	65.4	Complied
5850	57.9	122.2	64.3	Complied
5946.600	59.1	68.2	9.1	Complied



Lower Band Edge



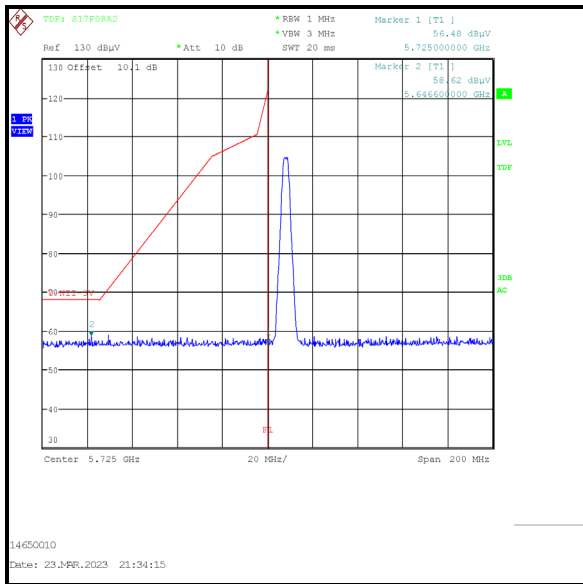
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

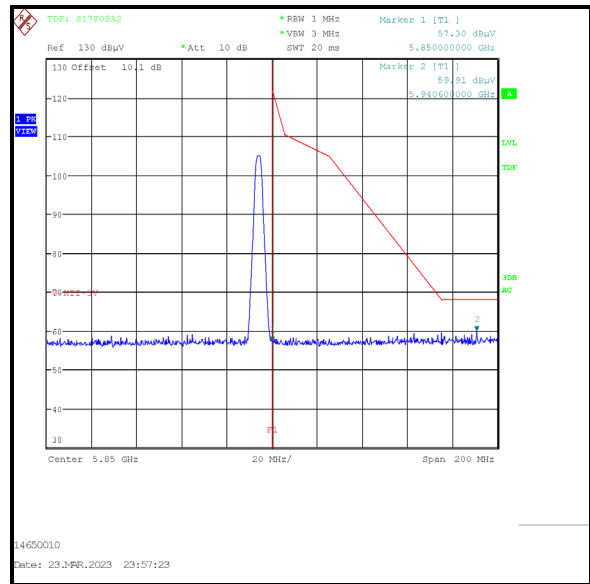
Results: Static / 4DH5 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5646.600	-36.6	-27.0	9.6	Complied
5725	-38.7	27.0	65.7	Complied
5850	-37.9	27.0	64.9	Complied
5940.600	-35.3	-27.0	8.3	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5646.600	58.6	68.2	9.6	Complied
5725	56.5	122.2	65.7	Complied
5850	57.3	122.2	64.9	Complied
5940.600	59.9	68.2	8.3	Complied



Lower Band Edge



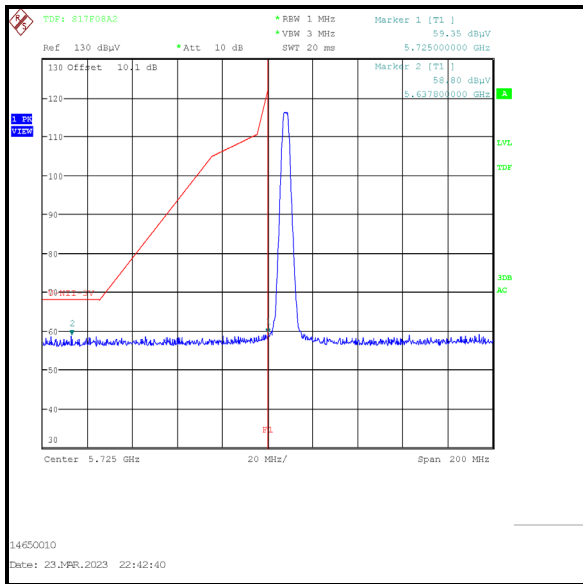
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

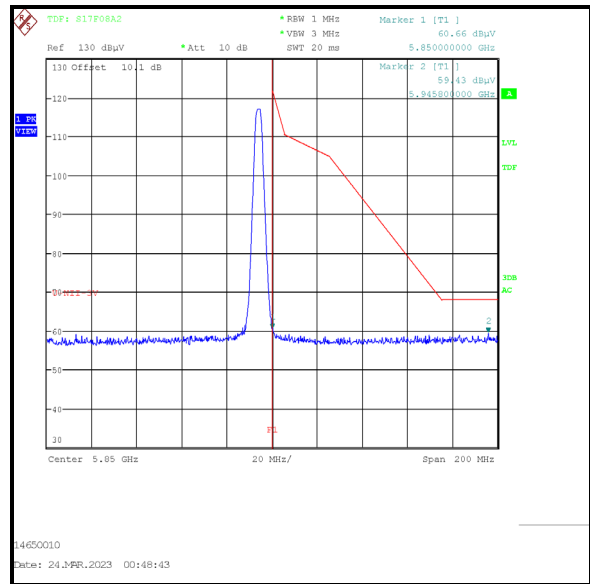
Results: Static / 4DH5 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5637.800	-36.4	-27.0	9.4	Complied
5725	-35.8	27.0	62.8	Complied
5850	-34.5	27.0	61.5	Complied
5945.800	-35.8	-27.0	8.8	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5637.800	58.8	68.2	9.4	Complied
5725	59.4	122.2	62.8	Complied
5850	60.7	122.2	61.5	Complied
5945.800	59.4	68.2	8.8	Complied



Lower Band Edge



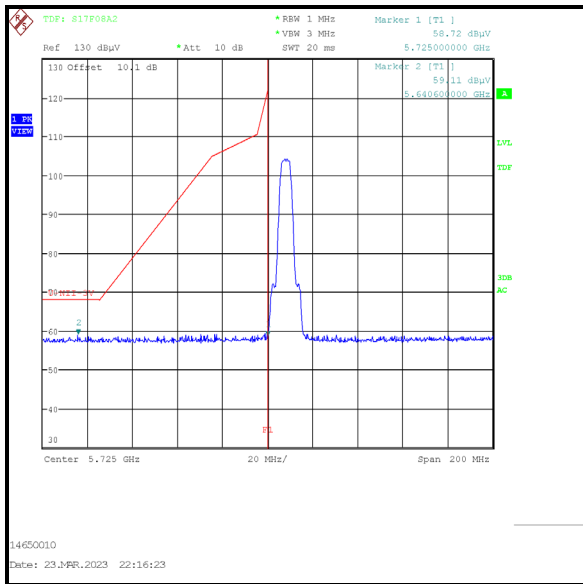
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

Results: Static / 8DH5 / SISO / Core 0 / iPA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5640.600	-36.1	-27.0	9.1	Complied
5725	-36.5	27.0	63.5	Complied
5850	-25.4	27.0	52.4	Complied
5948.000	-35.8	-27.0	8.8	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5640.600	59.1	68.2	9.1	Complied
5725	58.7	122.2	63.5	Complied
5850	69.8	122.2	52.4	Complied
5948.000	59.4	68.2	8.8	Complied

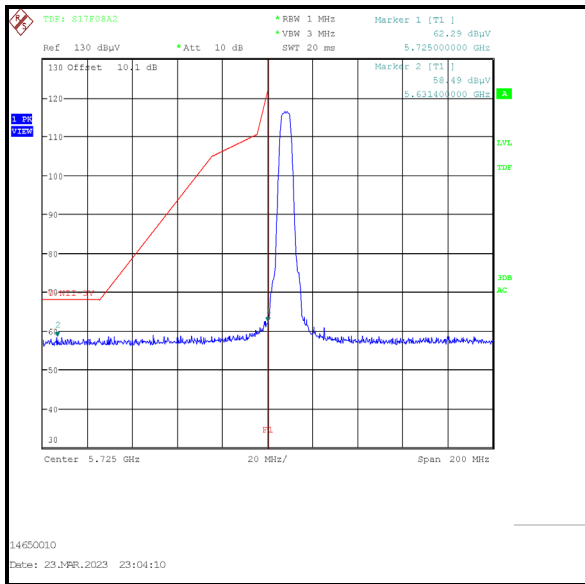


Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

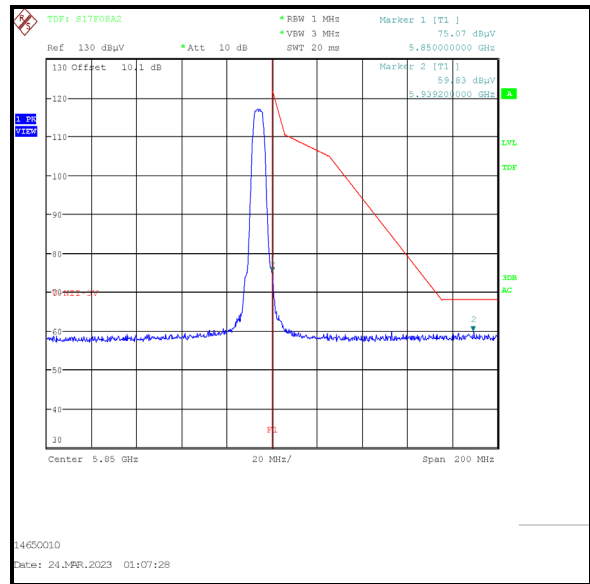
Results: Static / 8DH5 / SISO / Core 0 / ePA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5631.400	-36.7	-27.0	9.7	Complied
5725	-32.9	27.0	59.9	Complied
5850	-20.1	27.0	47.1	Complied
5939.200	-35.4	-27.0	8.4	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5631.400	58.5	68.2	9.7	Complied
5725	62.3	122.2	59.9	Complied
5850	75.1	122.2	47.1	Complied
5939.200	59.8	68.2	8.4	Complied



Lower Band Edge



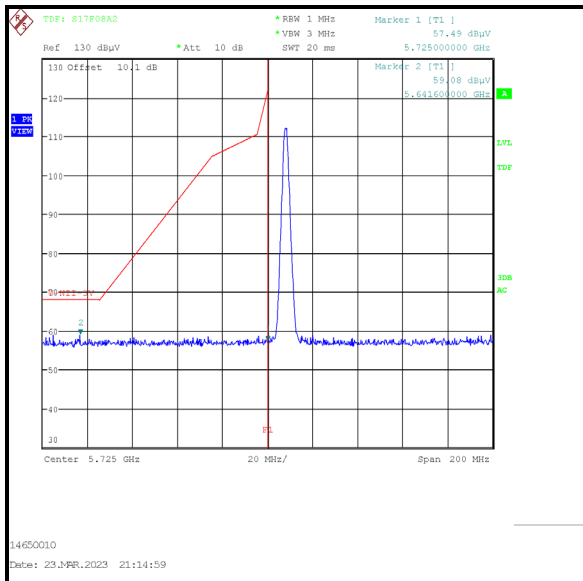
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

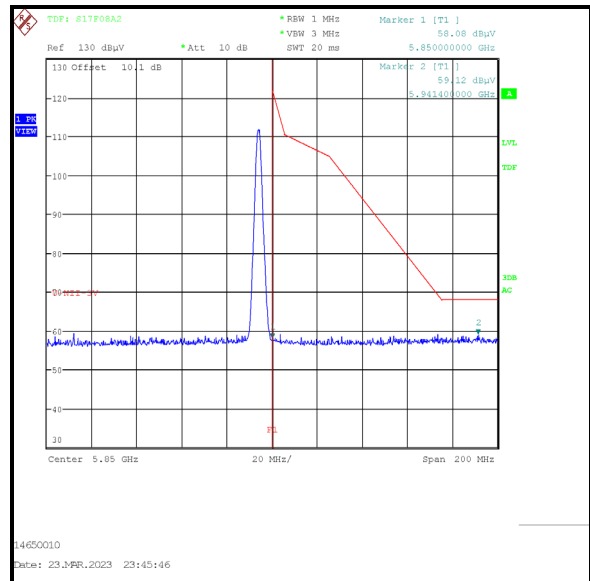
Results: Static / DH5 / SISO / Core 1 / iPA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5641.600	-36.1	-27.0	9.1	Complied
5725	-37.7	27.0	64.7	Complied
5850	-37.1	27.0	64.1	Complied
5941.400	-36.1	-27.0	9.1	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5641.600	59.1	68.2	9.1	Complied
5725	57.5	122.2	64.7	Complied
5850	58.1	122.2	64.1	Complied
5941.400	59.1	68.2	9.1	Complied



Lower Band Edge



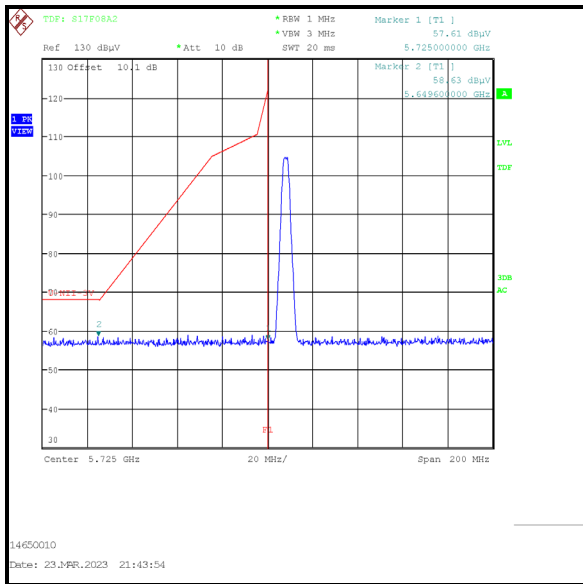
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

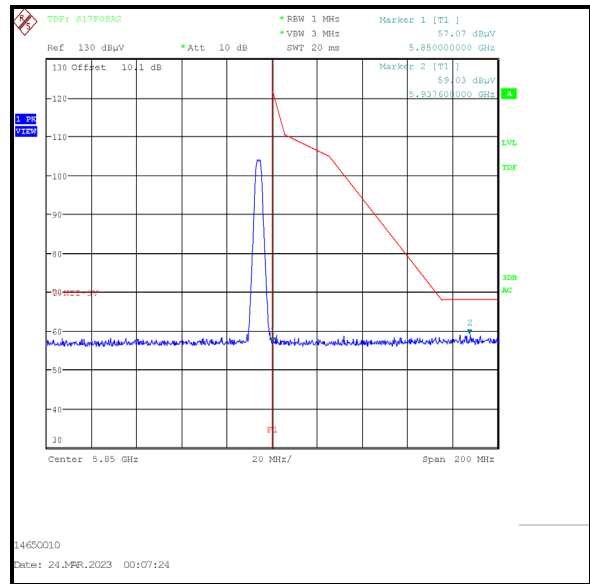
Results: Static / 4DH5 / SISO / Core 1 / iPA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5649.600	-36.6	-27.0	9.6	Complied
5725	-37.6	27.0	64.6	Complied
5850	-38.1	27.0	65.1	Complied
5937.600	-36.2	-27.0	9.2	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5649.600	58.6	68.2	9.6	Complied
5725	57.6	122.2	64.6	Complied
5850	57.1	122.2	65.1	Complied
5937.600	59.0	68.2	9.2	Complied



Lower Band Edge



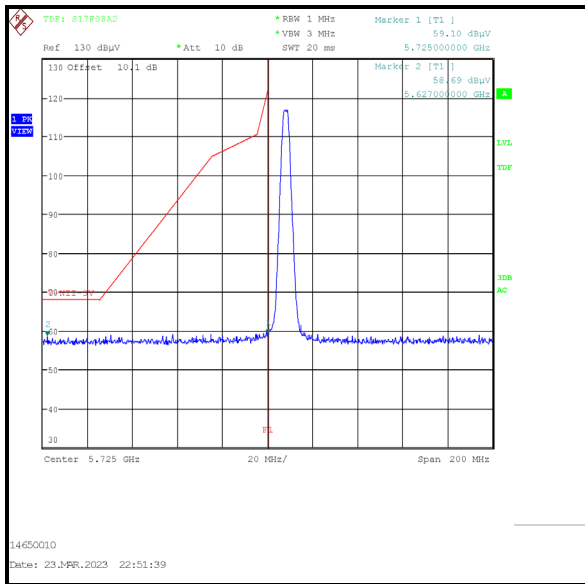
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

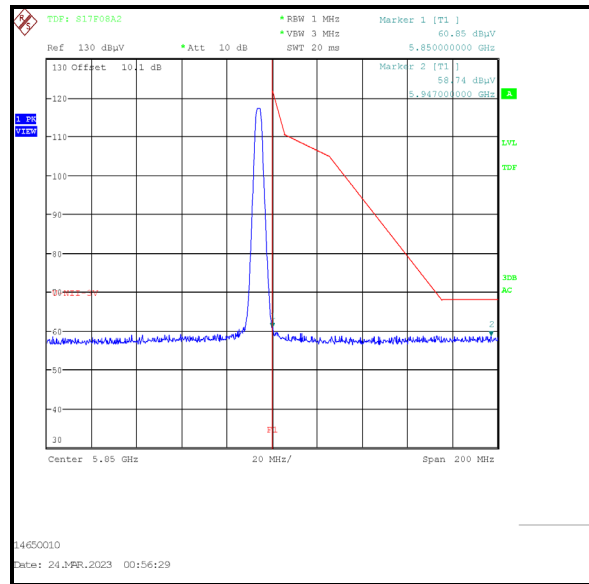
Results: Static / 4DH5 / SISO / Core 1 / ePA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5627.000	-36.5	-27.0	9.5	Complied
5725	-36.1	27.0	63.1	Complied
5850	-34.3	27.0	61.3	Complied
5947.000	-36.5	-27.0	9.5	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5627.000	58.7	68.2	9.5	Complied
5725	59.1	122.2	63.1	Complied
5850	60.9	122.2	61.3	Complied
5947.000	58.7	68.2	9.5	Complied



Lower Band Edge



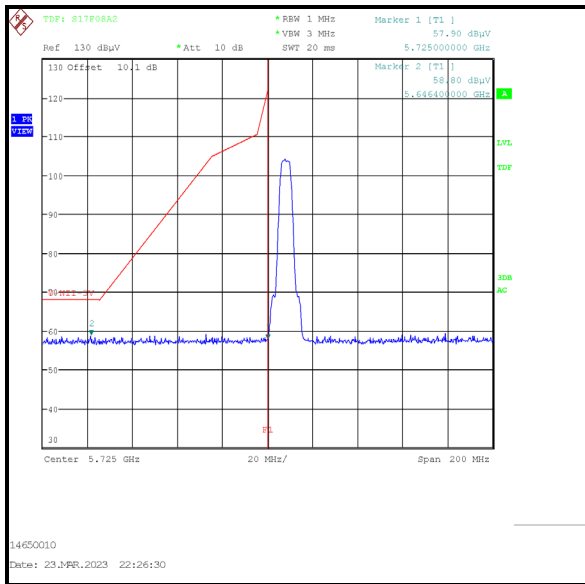
Upper Band Edge

Transmitter Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

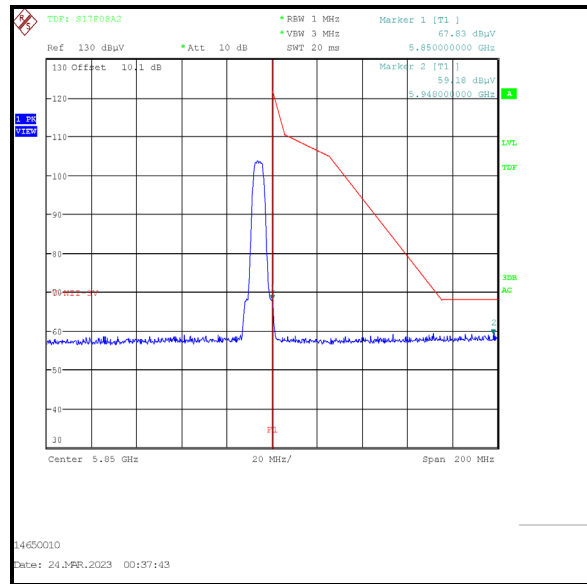
Results: Static / 8DH5 / SISO / Core 1 / iPA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5646.400	-36.4	-27.0	9.4	Complied
5725	-37.3	27.0	64.3	Complied
5850	-27.4	27.0	54.4	Complied
5948.000	-36.0	-27.0	9.0	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5646.400	58.8	68.2	9.4	Complied
5725	57.9	122.2	64.3	Complied
5850	67.8	122.2	54.4	Complied
5948.000	59.2	68.2	9.0	Complied



Lower Band Edge



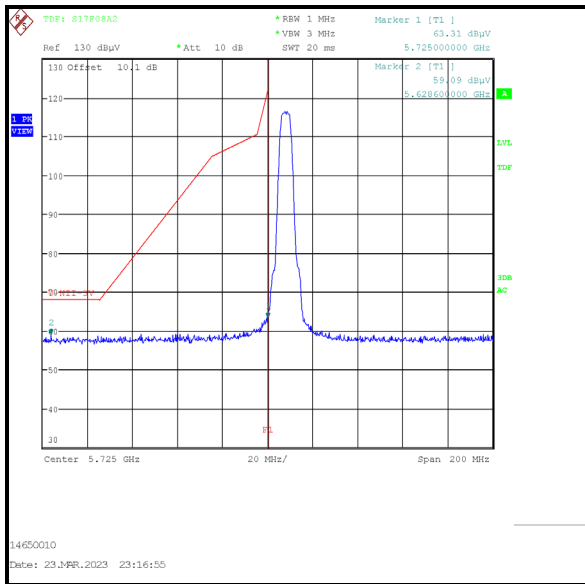
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

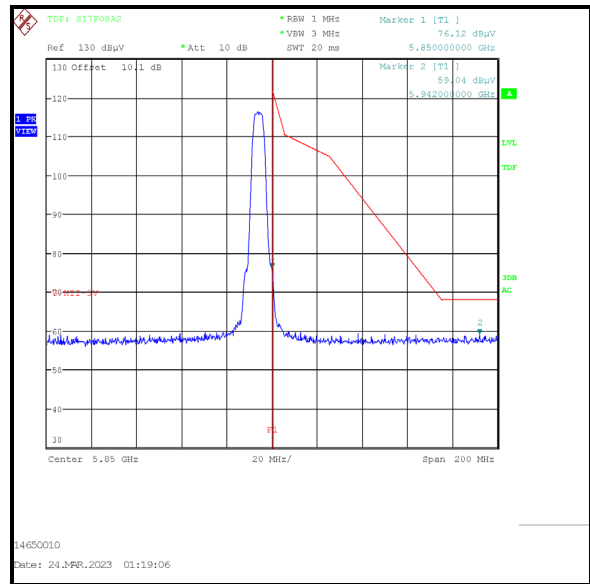
Results: Static / 8DH5 / SISO / Core 1 / ePA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5628.600	-36.1	-27.0	9.1	Complied
5725	-31.9	27.0	58.9	Complied
5850	-19.1	27.0	46.1	Complied
5942.000	-36.2	-27.0	9.2	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5628.600	59.1	68.2	9.1	Complied
5725	63.3	122.2	58.9	Complied
5850	76.1	122.2	46.1	Complied
5942.000	59.0	68.2	9.2	Complied



Lower Band Edge



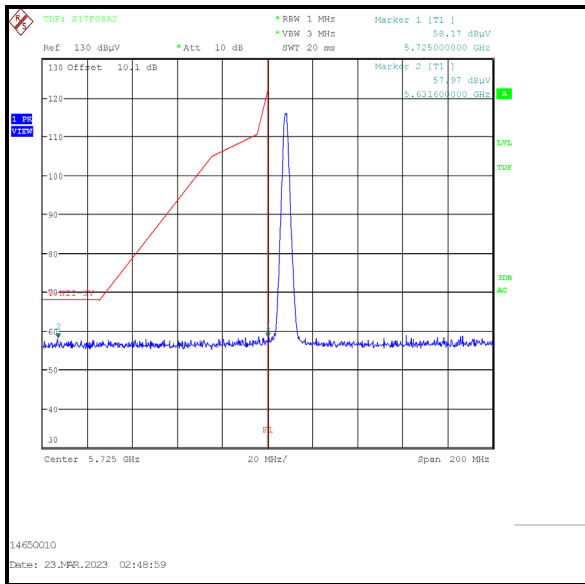
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

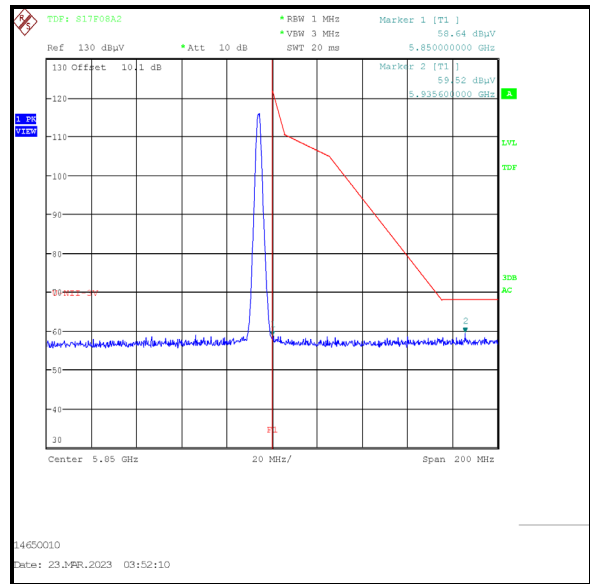
Results: Static / DH5 / Beamforming / Core 0 + Core 1 / iPA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5631.600	-37.2	-27.0	10.2	Complied
5725	-37.0	27.0	64.0	Complied
5850	-36.6	27.0	63.6	Complied
5935.600	-35.7	-27.0	8.7	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5631.600	58.0	68.2	10.2	Complied
5725	58.2	122.2	64.0	Complied
5850	58.6	122.2	63.6	Complied
5935.600	59.5	68.2	8.7	Complied



Lower Band Edge



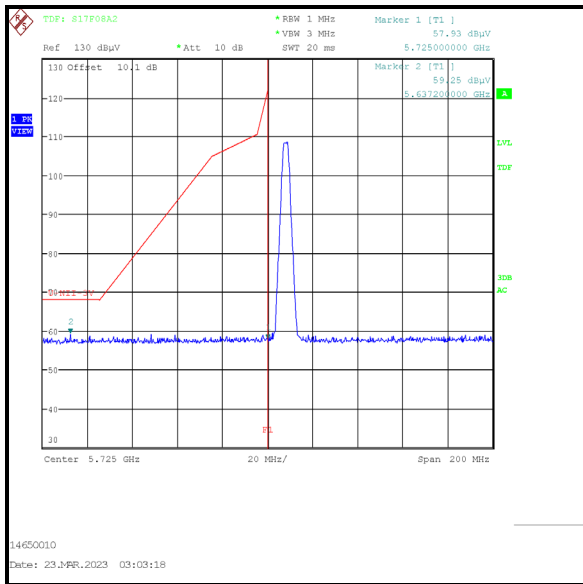
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

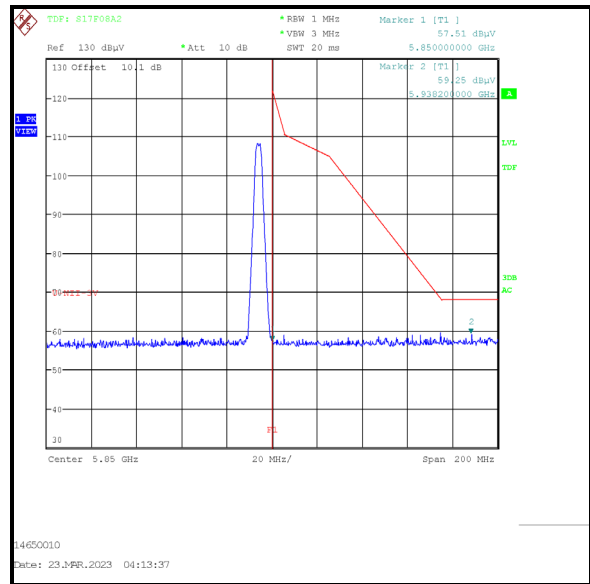
Results: Static / 4DH5 / Beamforming / Core 0 + Core 1 / iPA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5637.200	-35.9	-27.0	8.9	Complied
5725	-37.3	27.0	64.3	Complied
5850	-37.7	27.0	64.7	Complied
5938.200	-35.9	-27.0	8.9	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5637.200	59.3	68.2	8.9	Complied
5725	57.9	122.2	64.3	Complied
5850	57.5	122.2	64.7	Complied
5938.200	59.3	68.2	8.9	Complied



Lower Band Edge



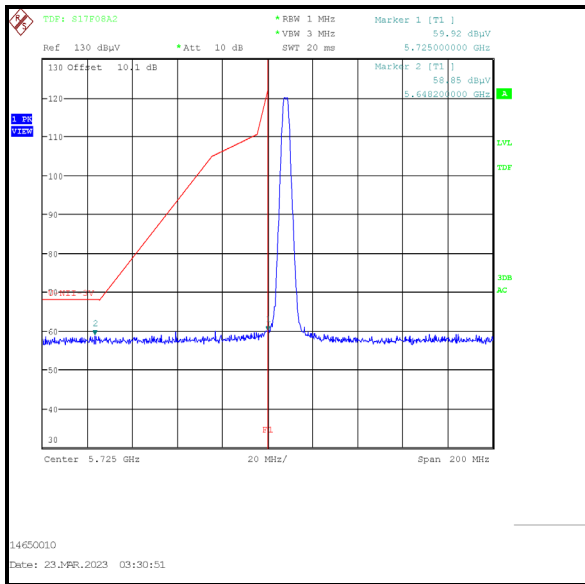
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

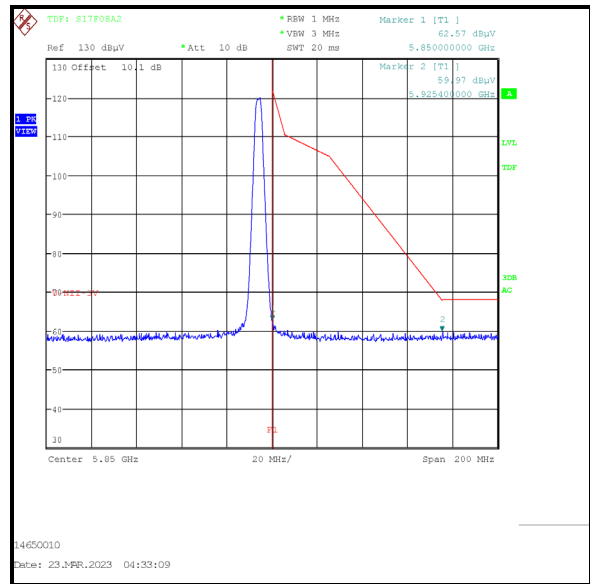
Results: Static / 4DH5 / Beamforming / Core 0 + Core 1 / ePA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5648.200	-36.3	-27.0	9.3	Complied
5725	-35.3	27.0	62.3	Complied
5850	-32.6	27.0	59.6	Complied
5925.400	-35.2	-27.0	8.2	Complied

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
5648.200	58.9	68.2	9.3	Complied
5725	59.9	122.2	62.3	Complied
5850	62.6	122.2	59.6	Complied
5925.400	60.0	68.2	8.2	Complied



Lower Band Edge



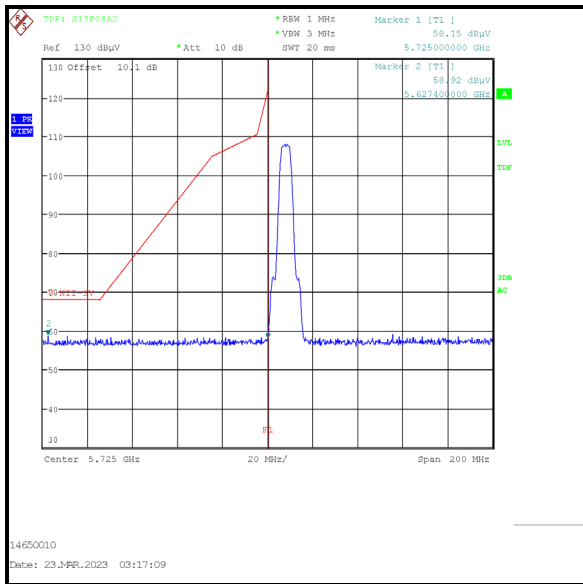
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

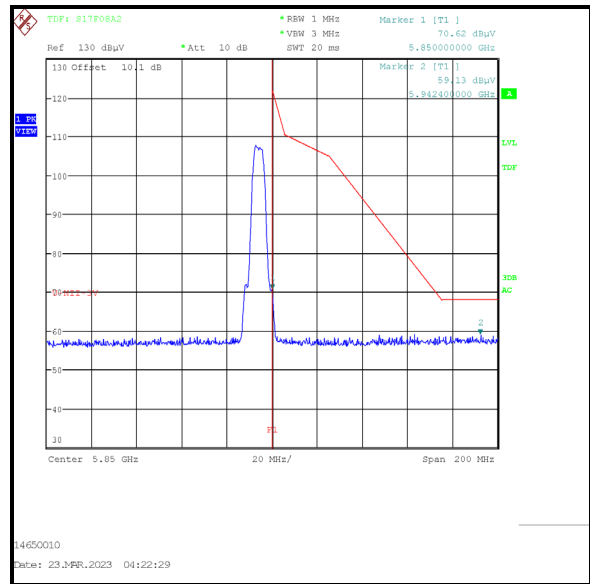
Results: Static / 8DH5 / Beamforming / Core 0 + Core 1 / iPA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5627.400	-36.3	-27.0	9.3	Complied
5725	-37.0	27.0	64.0	Complied
5850	-24.6	27.0	51.6	Complied
5942.400	-36.1	-27.0	9.1	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5627.400	58.9	68.2	9.3	Complied
5725	58.2	122.2	64.0	Complied
5850	70.6	122.2	51.6	Complied
5942.400	59.1	68.2	9.1	Complied



Lower Band Edge



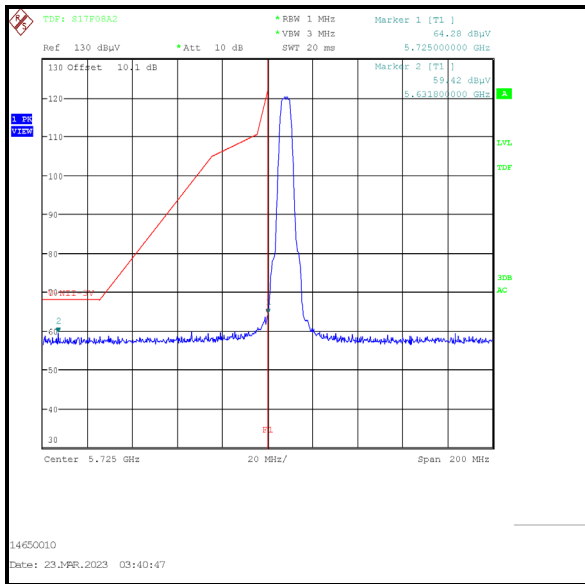
Upper Band Edge

Transmitter Band Edge Radiated Emissions (5.725-5.85 GHz band operation) (continued)

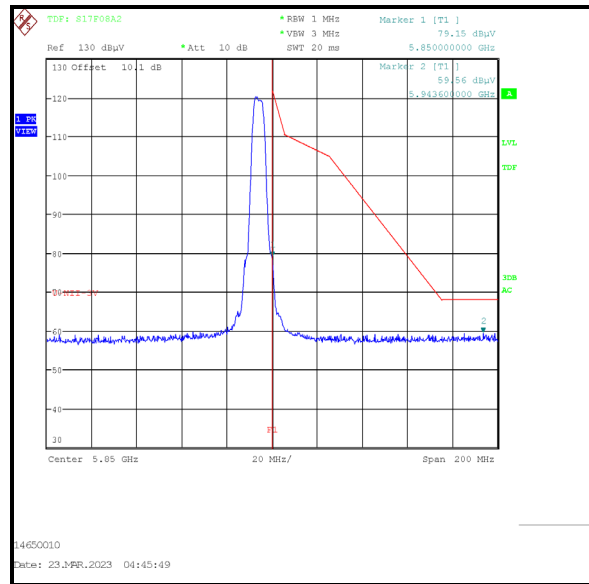
Results: Static / 8DH5 / Beamforming / Core 0 + Core 1 / ePA

Frequency (MHz)	Level (dBm)	Limit (dBm/MHz)	Margin (dB)	Result
5631.800	-35.8	-27.0	8.8	Complied
5725	-30.9	27.0	57.9	Complied
5850	-16.0	27.0	43.0	Complied
5943.600	-35.6	-27.0	8.6	Complied

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5631.800	59.4	68.2	8.8	Complied
5725	64.3	122.2	57.9	Complied
5850	79.2	122.2	43.0	Complied
5943.600	59.6	68.2	8.6	Complied



Lower Band Edge



Upper Band Edge

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