

5.2.6. Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band)**Test Summary:**

Test Engineer:	Georgios Vrezas	Test Dates:	27 June 2015 to 02 July 2015
Test Sample Serial Number:	F50980BB0152		

FCC Reference:	Parts 15.407(b)(2) & 15.209(a)
Test Method Used:	ANSI C63.10 Section 6.10 & FCC KDB 789033 Section II.G

Environmental Conditions:

Temperature (°C):	23 to 27
Relative Humidity (%):	36 to 49

Note(s):

1. All modes were initially tested and QPSK was found to produce the widest bandwidth, band edge tests were performed in this mode. The EUT was transmitting with >99% duty cycle and at maximum power for bottom or top channel according to the antenna being used (refer to Section 4.2). All antennas types were tested. The EUT was connected to each antenna using the supplied RF cables.
2. Lower band edge measurements were performed with the EUT transmitting on the bottom channel of the 5.25-5.35 GHz band. The lower band edge plots show a frequency line at 5.15 GHz. A restricted band of operation exists from 4.5 GHz to 5.15 GHz. A peak limit of 74 dBµV/m and an average limit of 54 dBµV/m applies in the restricted band. Field strength tests were performed at a measurement distance of 3 metres. Markers were placed on the peak and average traces at 5.15 GHz.
3. Upper band edge measurements were performed with the EUT transmitting on the top channel of the 5.25-5.35 GHz band. The upper band edge plots show an upper band edge frequency line at 5.35 GHz. A restricted band of operation exists from 5.35 GHz to 5.46 GHz. A peak limit of 74 dBµV/m and an average limit of 54 dBµV/m applies in the restricted band. Field strength tests were performed at a measurement distance of 3 metres. Markers were placed on the peak and average traces at the band edge frequency of 5.35 GHz.
4. The blue trace on the result plots shows the peak level and the black trace shows the average level.

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: 4' Parabolic Antenna / 5 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5131.200	62.2	74.0	11.8	Complied
5150	59.7	74.0	14.3	Complied

Results: 4' Parabolic Antenna / 5 MHz Channel / QPSK / Lower Band Edge / Average

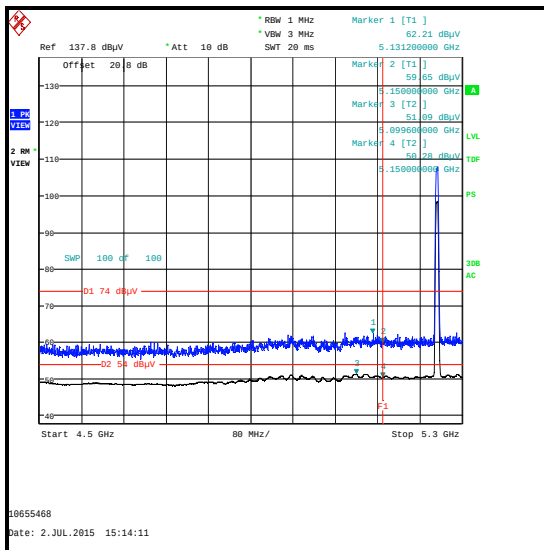
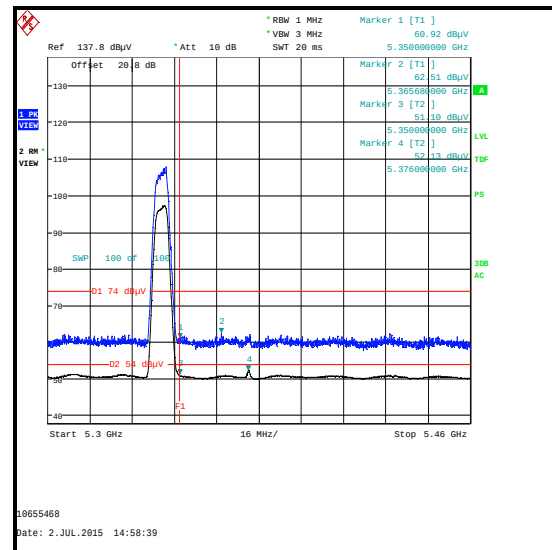
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5099.600	51.1	54.0	2.9	Complied
5150	50.3	54.0	3.7	Complied

Results: 4' Parabolic Antenna / 5 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	60.9	74.0	13.1	Complied
5365.680	62.5	74.0	11.5	Complied

Results: 4' Parabolic Antenna / 5 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	51.1	54.0	2.9	Complied
5376	52.1	54.0	1.9	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: 4' Parabolic Antenna / 10 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5133.600	63.2	74.0	10.8	Complied
5150	59.2	74.0	14.8	Complied

Results: 4' Parabolic Antenna / 10 MHz Channel / QPSK / Lower Band Edge / Average

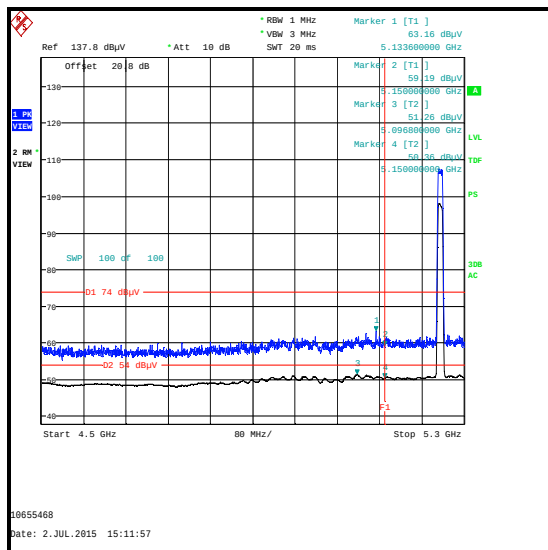
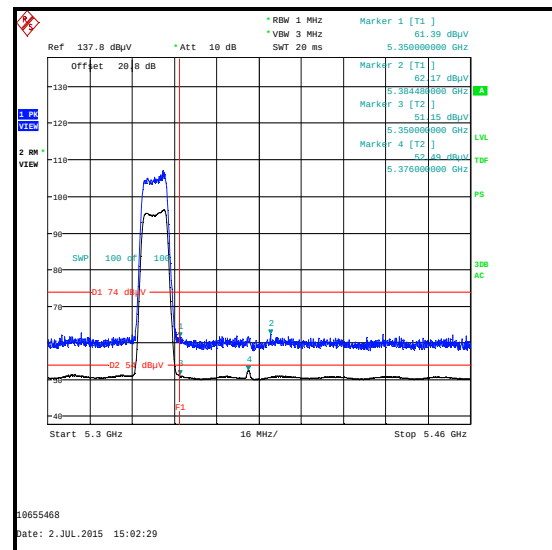
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5096.800	51.3	54.0	2.7	Complied
5150	50.4	54.0	3.6	Complied

Results: 4' Parabolic Antenna / 10 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	61.4	74.0	12.6	Complied
5384.480	62.2	74.0	11.8	Complied

Results: 4' Parabolic Antenna / 10 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	51.2	54.0	2.8	Complied
5376.000	52.5	54.0	1.5	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: 4' Parabolic Antenna / 20 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5100	61.5	74.0	12.5	Complied
5150	59.7	74.0	14.3	Complied

Results: 4' Parabolic Antenna / 20 MHz Channel / QPSK / Lower Band Edge / Average

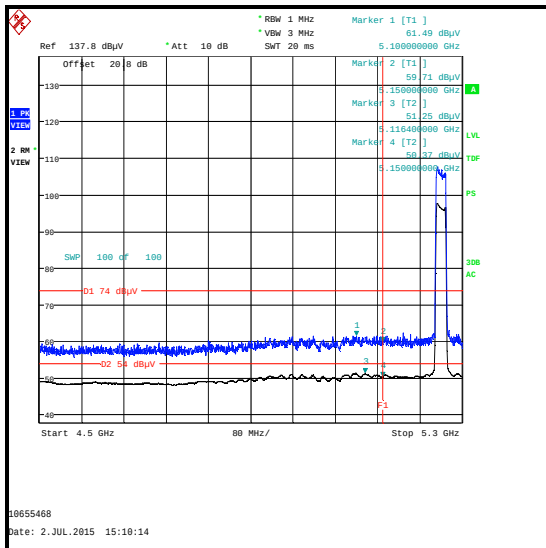
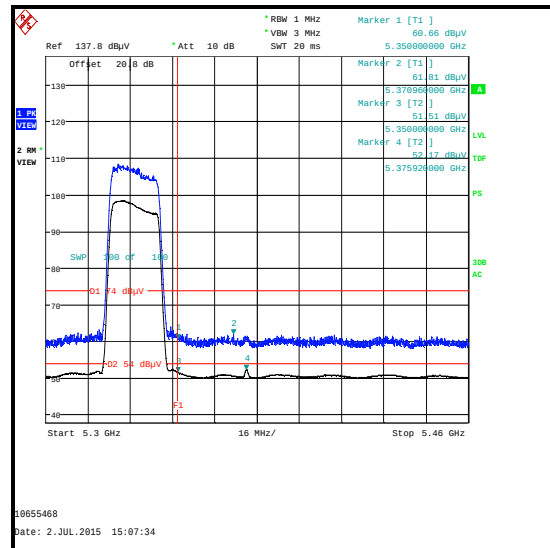
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5116.400	51.3	54.0	2.7	Complied
5150	50.4	54.0	3.6	Complied

Results: 4' Parabolic Antenna / 20 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	60.7	74.0	13.3	Complied
5370.960	61.8	74.0	12.2	Complied

Results: 4' Parabolic Antenna / 20 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	51.5	54.0	2.5	Complied
5375.920	52.2	54.0	1.8	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: Plate Antenna / 5 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5142.000	62.2	74.0	11.8	Complied
5150	60.1	74.0	13.9	Complied

Results: Plate Antenna / 5 MHz Channel / QPSK / Lower Band Edge / Average

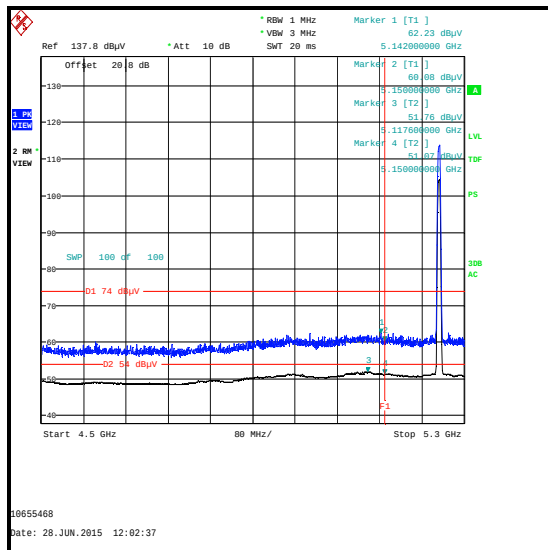
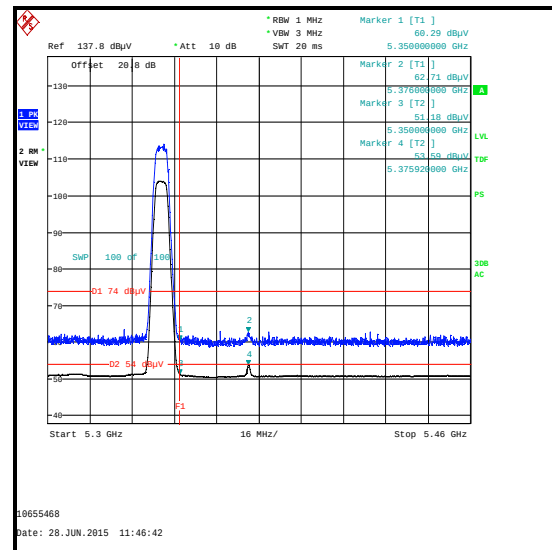
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5117.600	51.8	54.0	2.2	Complied
5150	51.1	54.0	2.9	Complied

Results: Plate Antenna / 5 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	60.3	74.0	13.7	Complied
5376.000	62.7	74.0	11.3	Complied

Results: Plate Antenna / 5 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	51.2	54.0	2.8	Complied
5375.920	53.6	54.0	0.4	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: Plate Antenna / 10 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5112.400	63.0	74.0	11.0	Complied
5150	60.5	74.0	13.5	Complied

Results: Plate Antenna / 10 MHz Channel / QPSK / Lower Band Edge / Average

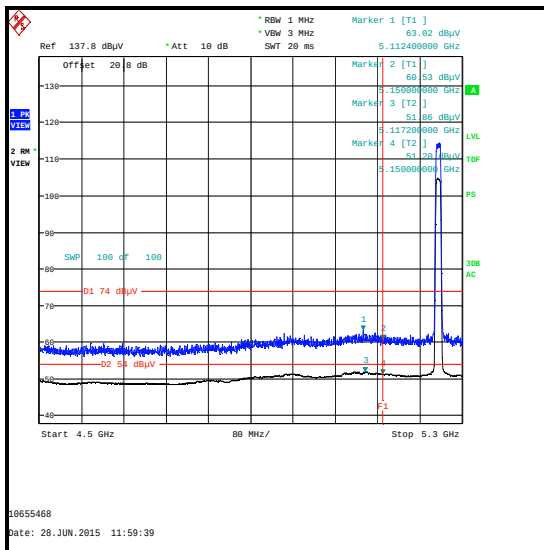
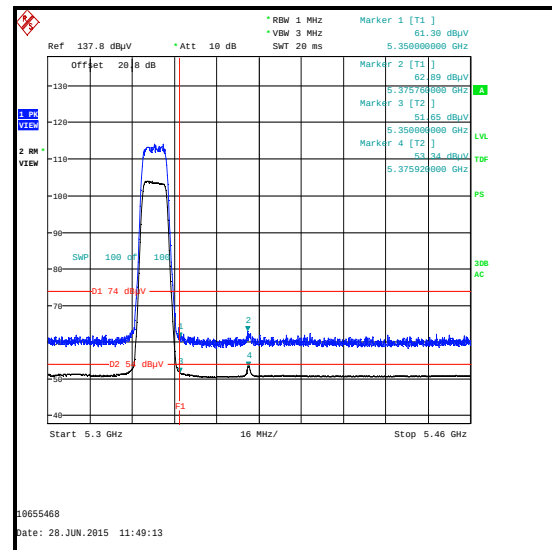
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5117.200	51.9	54.0	2.1	Complied
5150	51.2	54.0	2.8	Complied

Results: Plate Antenna / 10 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	61.3	74.0	12.7	Complied
5375.760	62.9	74.0	11.1	Complied

Results: Plate Antenna / 10 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	51.7	54.0	2.3	Complied
5375.920	53.3	54.0	0.7	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: Plate Antenna / 20 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5124.800	63.1	74.0	10.9	Complied
5150	60.1	74.0	13.9	Complied

Results: Plate Antenna / 20 MHz Channel / QPSK / Lower Band Edge / Average

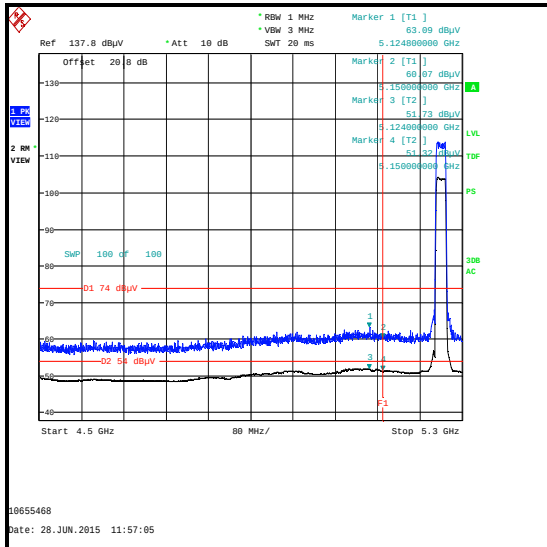
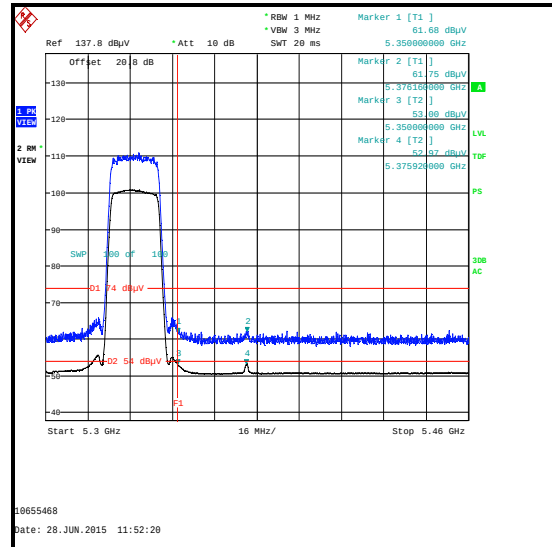
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5124.000	51.7	54.0	2.3	Complied
5150	51.3	54.0	2.7	Complied

Results: Plate Antenna / 20 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	61.7	74.0	12.3	Complied
5376.160	61.8	74.0	12.2	Complied

Results: Plate Antenna / 20 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	53.0	54.0	1.0	Complied
5375.920	53.0	54.0	1.0	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: Sectorised Antenna / 5 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5132.051	61.2	74.0	12.8	Complied
5150	58.8	74.0	15.2	Complied

Results: Sectorised Antenna / 5 MHz Channel / QPSK / Lower Band Edge / Average

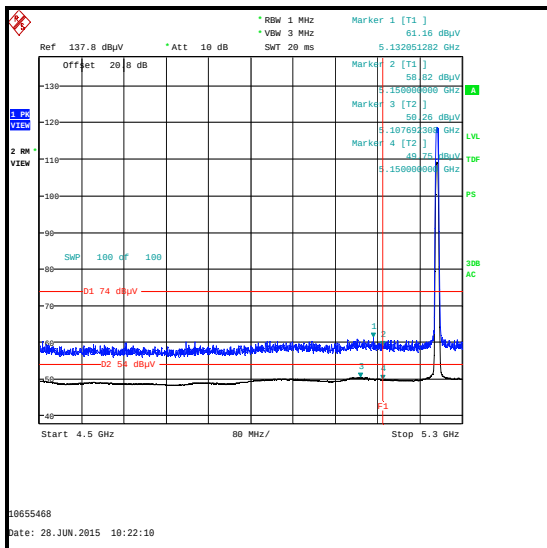
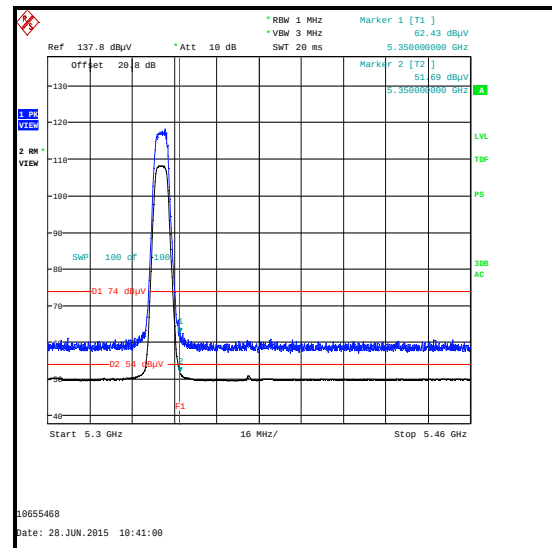
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5107.692	50.3	54.0	3.7	Complied
5150	49.8	54.0	4.2	Complied

Results: Sectorised Antenna / 5 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	62.4	74.0	11.6	Complied

Results: Sectorised Antenna / 5 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	51.7	54.0	2.3	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: Sectorised Antenna / 10 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
5134.605	61.5	74.0	12.5	Complied
5150	58.3	74.0	15.7	Complied

Results: Sectorised Antenna / 10 MHz Channel / QPSK / Lower Band Edge / Average

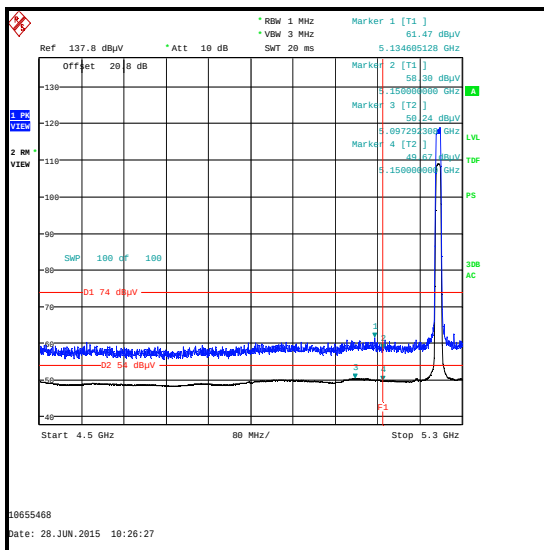
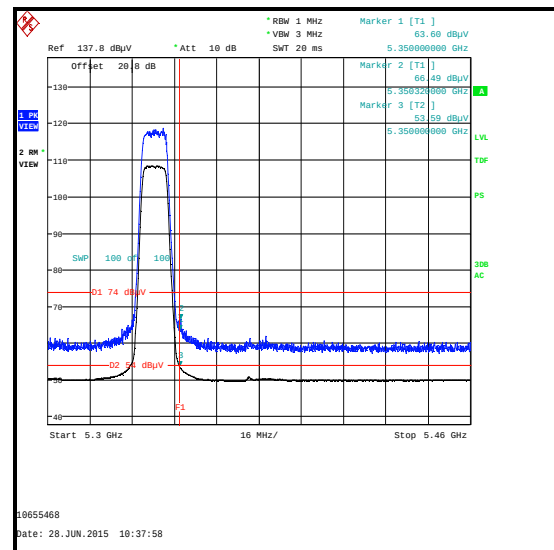
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
5097.292	50.2	54.0	3.8	Complied
5150	49.7	54.0	4.3	Complied

Results: Sectorised Antenna / 10 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
5350	63.6	74.0	10.4	Complied
5350.320	66.5	74.0	7.5	Complied

Results: Sectorised Antenna / 10 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
5350	53.6	54.0	0.4	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: Sectorised Antenna / 20 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
5098.605	62.4	74.0	11.6	Complied
5150	59.3	74.0	14.7	Complied

Results: Sectorised Antenna / 20 MHz Channel / QPSK / Lower Band Edge / Average

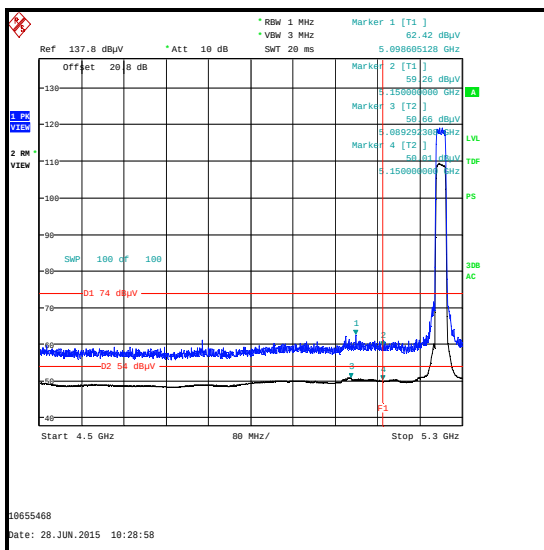
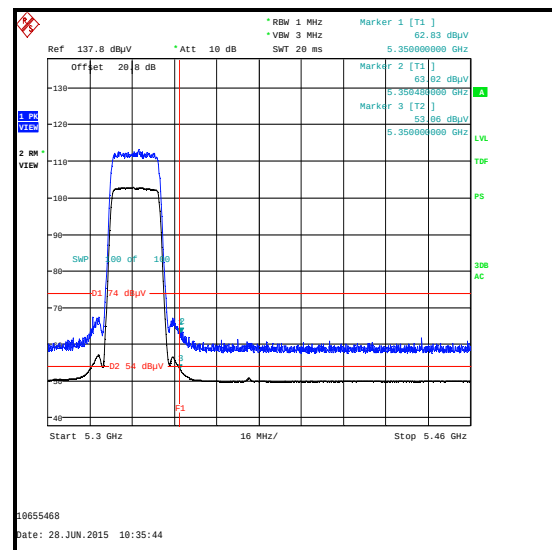
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
5089.292	50.7	54.0	3.3	Complied
5150	50.0	54.0	4.0	Complied

Results: Sectorised Antenna / 20 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
5350	62.8	74.0	11.2	Complied
5350.480	63.0	74.0	11.0	Complied

Results: Sectorised Antenna / 20 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
5350	53.1	54.0	0.9	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: Omnidirectional Antenna / 5 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5137.600	60.1	74.0	13.9	Complied
5150	58.1	74.0	15.9	Complied

Results: Omnidirectional Antenna / 5 MHz Channel / QPSK / Lower Band Edge / Average

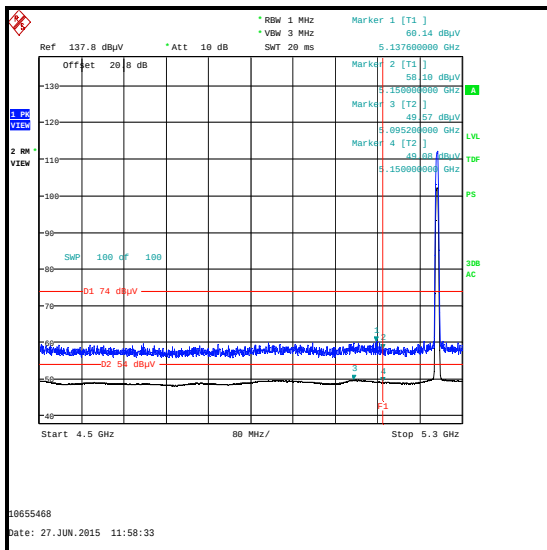
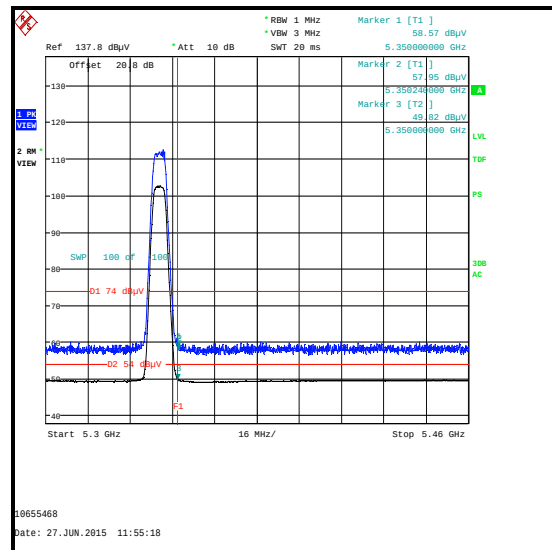
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5095.200	49.6	54.0	4.4	Complied
5150	49.1	54.0	4.9	Complied

Results: Omnidirectional Antenna / 5 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	58.6	74.0	15.4	Complied

Results: Omnidirectional Antenna / 5 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	49.8	54.0	4.2	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: Omnidirectional Antenna / 10 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5090.400	60.1	74.0	13.9	Complied
5150	57.7	74.0	16.3	Complied

Results: Omnidirectional Antenna / 10 MHz Channel / QPSK / Lower Band Edge / Average

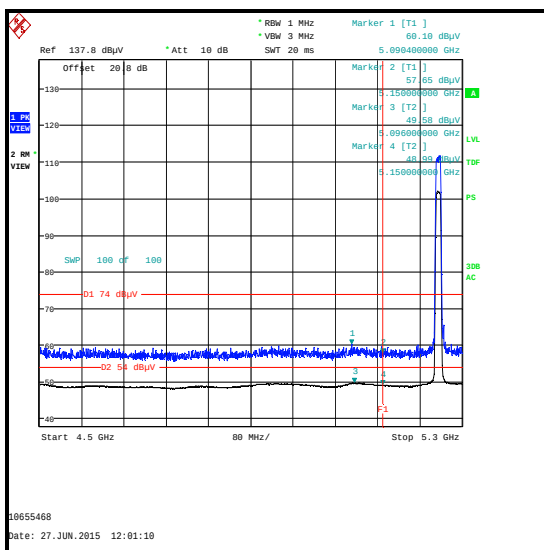
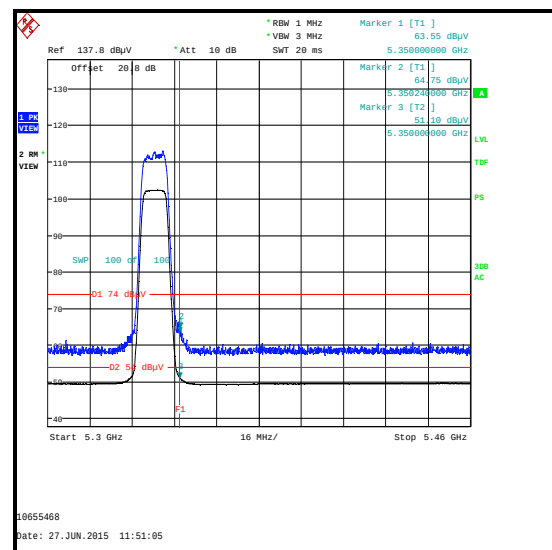
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5096.000	49.6	54.0	4.4	Complied
5150	49.0	54.0	5.0	Complied

Results: Omnidirectional Antenna / 10 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	63.6	74.0	10.4	Complied
5350.240	64.8	74.0	9.2	Complied

Results: Omnidirectional Antenna / 10 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	51.1	54.0	2.9	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (5.25-5.35 GHz Band operation) (continued)**Results: Omnidirectional Antenna / 20 MHz Channel / QPSK / Lower Band Edge / Peak**

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5118.000	60.2	74.0	13.8	Complied
5150	58.4	74.0	15.6	Complied

Results: Omnidirectional Antenna / 20 MHz Channel / QPSK / Lower Band Edge / Average

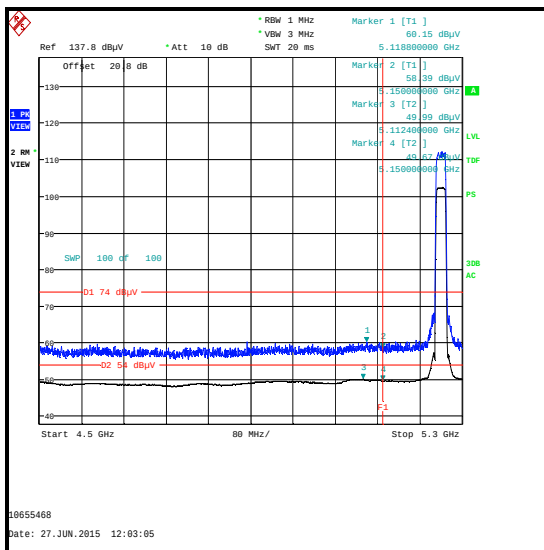
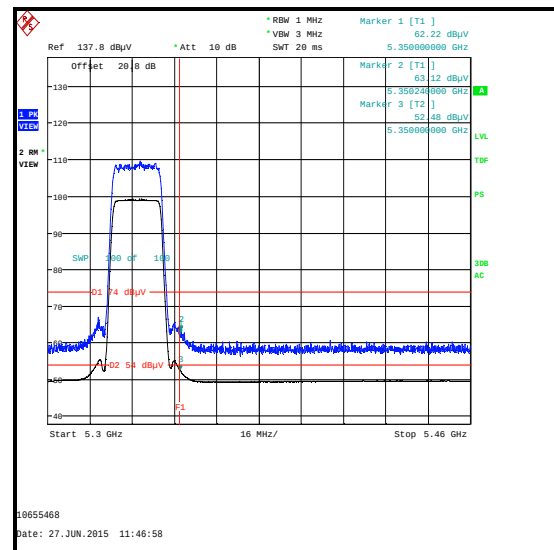
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5112.400	50.0	54.0	4.0	Complied
5150	49.7	54.0	4.3	Complied

Results: Omnidirectional Antenna / 20 MHz Channel / QPSK / Upper Band Edge / Peak

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	62.2	74.0	11.8	Complied
5350.240	63.1	74.0	10.9	Complied

Results: Omnidirectional Antenna / 20 MHz Channel / QPSK / Upper Band Edge / Average

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Result
5350	52.5	54.0	1.5	Complied

**Lower Band Edge****Upper Band Edge**

Transmitter Band Edge Radiated Emissions (continued)**Test Equipment Used:**

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
M1656	Thermohygrometer	JM Handelspunkt	30.5015.13	None stated	23 Apr 2016	12
K0002	3m RSE Chamber	Rainford EMC	N/A	N/A	01 May 2016	12
M1874	Test Receiver	Rohde & Schwarz	ESU26	100553	12 Jun 2016	12
A1534	Pre Amplifier	Hewlett Packard	8449B	3008A00405	21 Dec 2015	12
A253	Antenna	Flann	12240-20	128	20 Dec 2015	12
A1393	Attenuator	Huber & Suhner	6820.17.B	757456	05 May 2016	12

5.2.7. Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band)**Test Summary:**

Test Engineer:	Georgios Vrezas	Test Dates:	16 July 2015 to 27 July 2015
Test Sample Serial Number:	F50980BB0152		

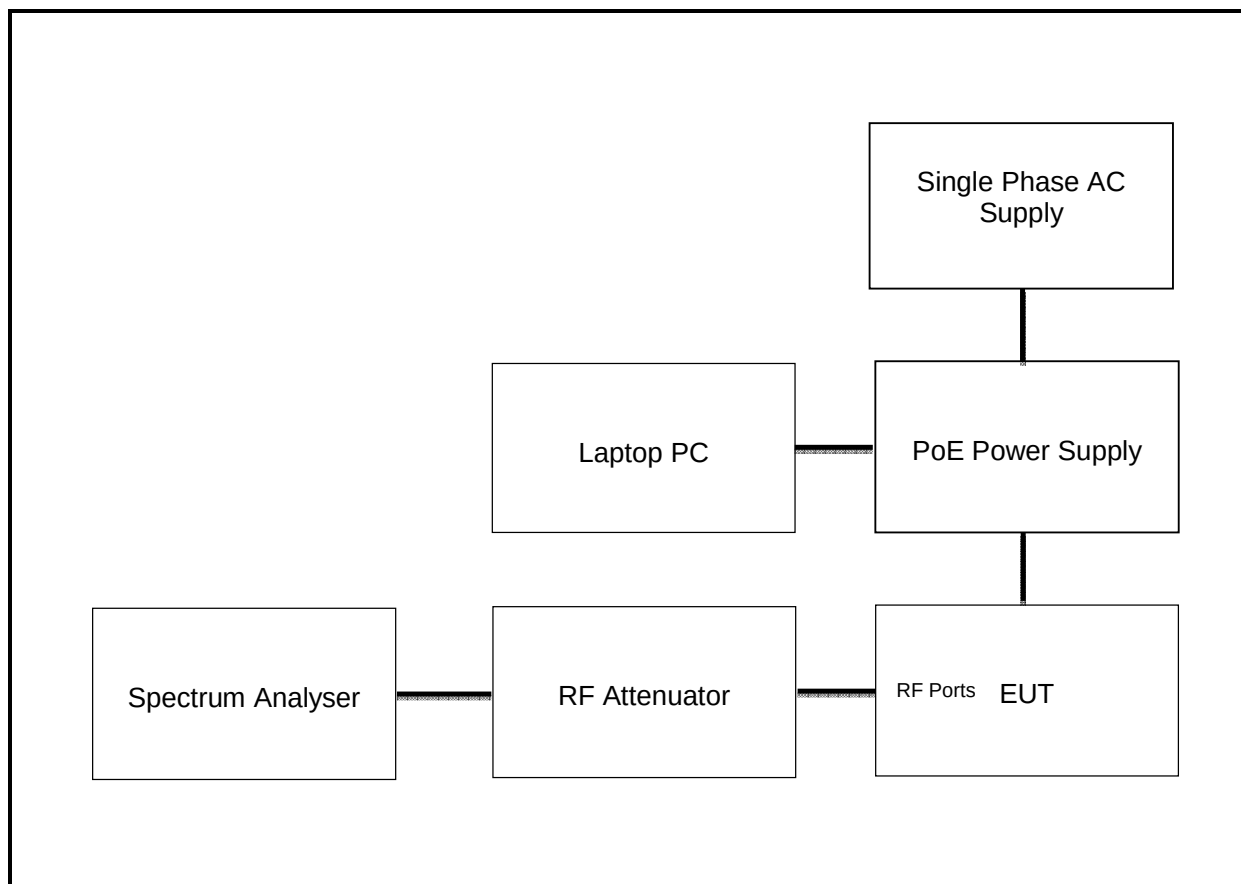
FCC Reference:	Parts 15.407(b)(3) & 15.209(a)
Test Method Used:	ANSI C63.10 Section 6.10, FCC KDB 789033 Section II.G and Notes below

Environmental Conditions:

Temperature (°C):	24 to 25
Relative Humidity (%):	44 to 54

Note(s):

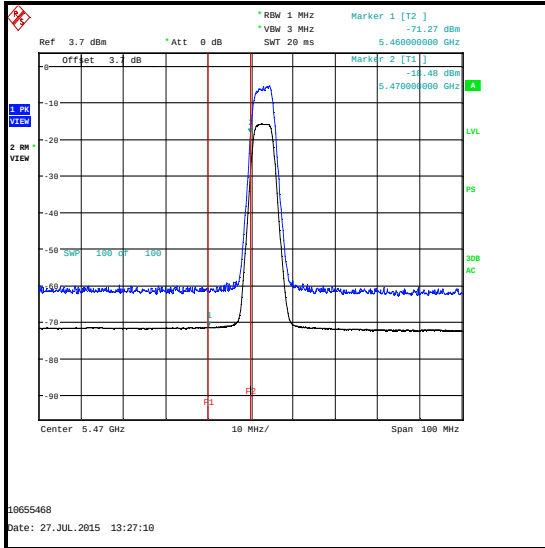
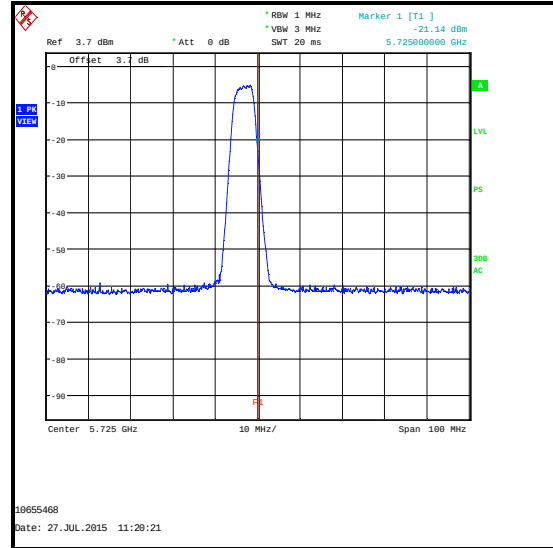
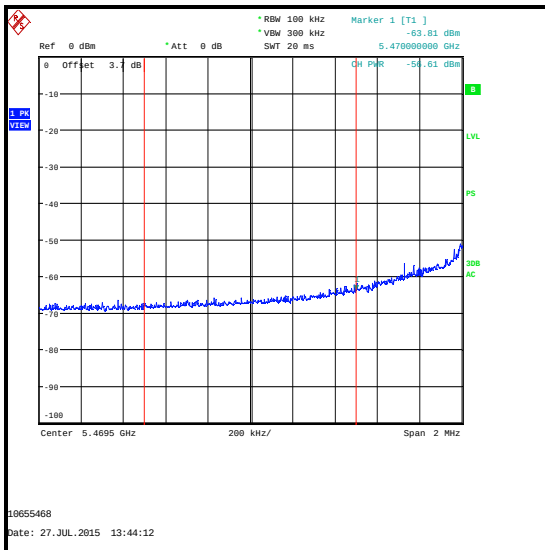
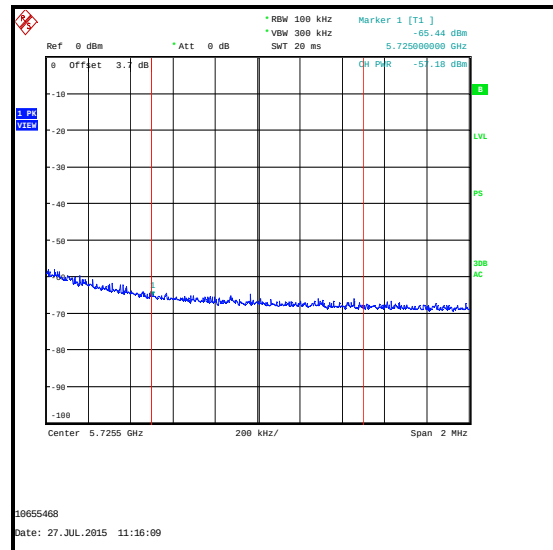
1. Band edge tests were performed as conducted measurements in the operating mode that produced the highest emission levels at band edges. All modes were initially tested and the mode that produced the highest levels was QPSK. The EUT was transmitting with >99% duty cycle and at maximum power for bottom or top channel according to the antenna being used (refer to Section 4.2 of this test report). All antennas types were tested. The test receiver was connected to the RF port on the EUT using a 3 dB attenuator and RF cable. The total attenuation appears on the result plots as an RF level offset.
2. Measurements were performed on both RF ports. The results were linearly combined in accordance with FCC KDB 662911 Section E.2(a)(ii). The stated antenna gain was added to the combined conducted emission level and the result was compared with the limit to obtain the margin.
3. Lower band edge measurements were performed with the EUT transmitting on the bottom channel. The lower band edge plots show a lower band edge frequency line at 5.47 GHz. A non-restricted band of operation exists adjacent to and below the lower band edge and the general limit of -27 dBm/MHz E.I.R.P. applies. A restricted band of operation exists 10 MHz below the lower band edge at 5.35 GHz to 5.46 GHz. The lower band edge field strength plots show a frequency line at 5.46 GHz and an average trace is shown (the lower of the two traces) with an associated frequency line and marker at 5.46 GHz. Spurious emissions found in the 5.35 GHz to 5.46 GHz restricted band are shown in the Transmitter Out of Band Radiated Emissions section of this test report.
4. Upper band edge measurements were performed with the EUT transmitting on the top channel. The upper band edge plots show an upper band edge frequency line at 5.725 GHz. A non-restricted band of operation exists adjacent to and above the upper band edge and the general limit of -27 dBm/MHz E.I.R.P. applies.
5. *In accordance with FCC KDB 789033 Section II.G.3(d)(ii), the integration method was used to show compliance. The channel power function of a test receiver was used to perform the measurements in a 1 MHz bandwidth. The measurement was centred 500 kHz below the lower band edge (5469.5 MHz) and 500 kHz above the upper band edge (5725.5 MHz). The test receiver was left to sweep for a sufficient period of time on MAX HOLD until the emission levels were maximised.

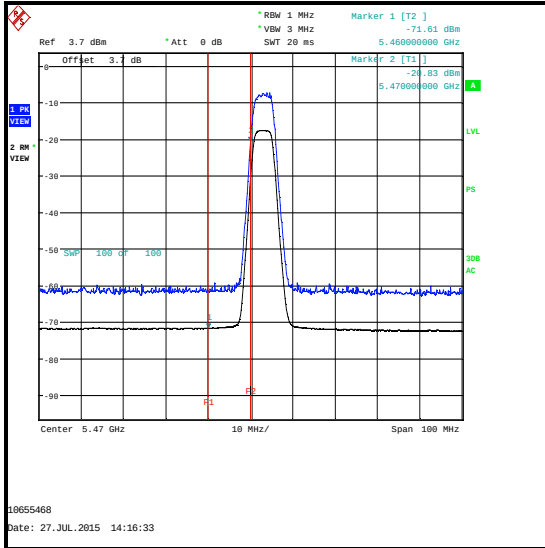
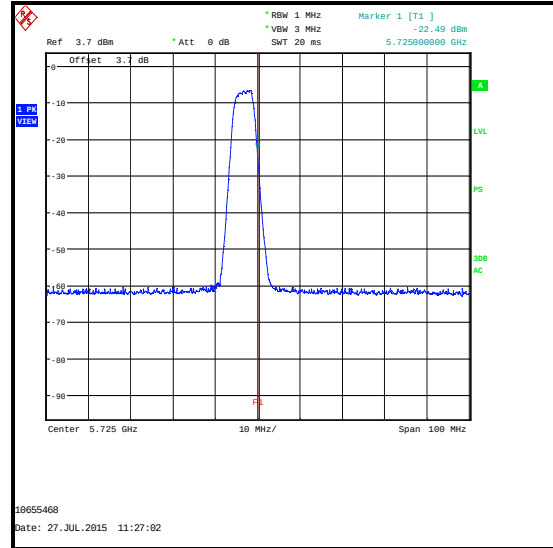
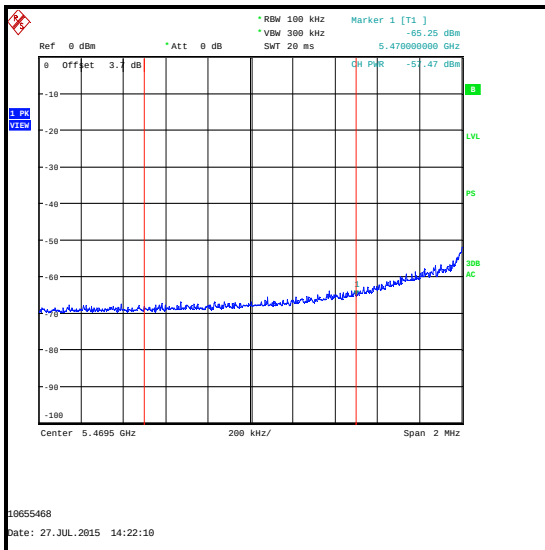
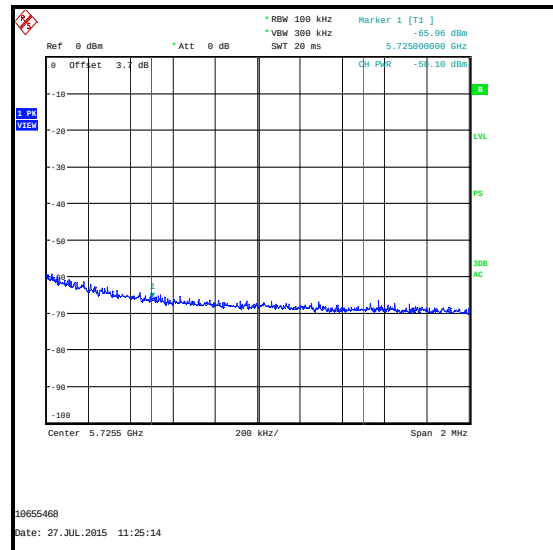
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Test setup for Conducted Band Edge measurements:**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / 2' Parabolic Antenna / 5 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5470	-56.6*	-57.5*	-54.0	26.2	-27.8
5725	-57.2*	-58.1*	-54.6	26.2	-28.4

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5470	-27.8	-27.0	0.8	Complied
5725	-28.4	-27.0	1.4	Complied

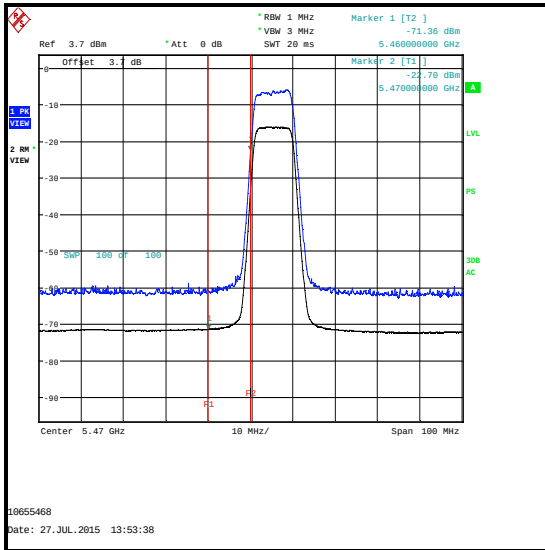
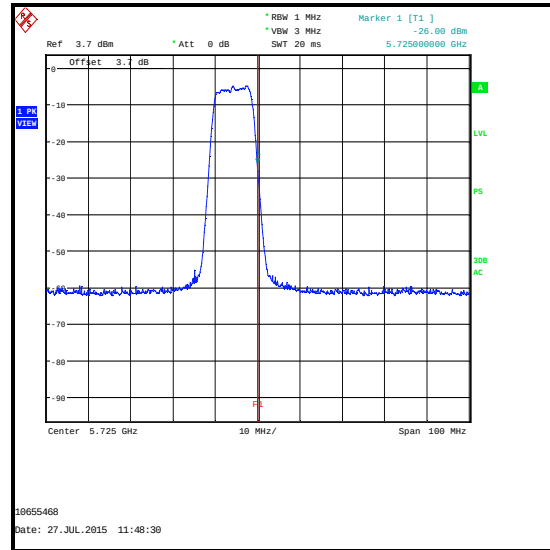
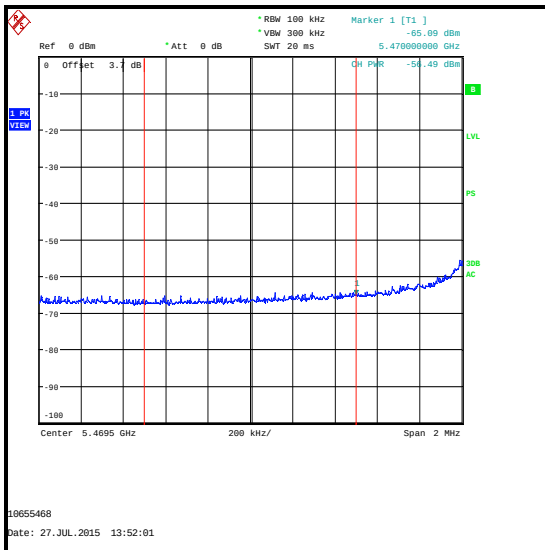
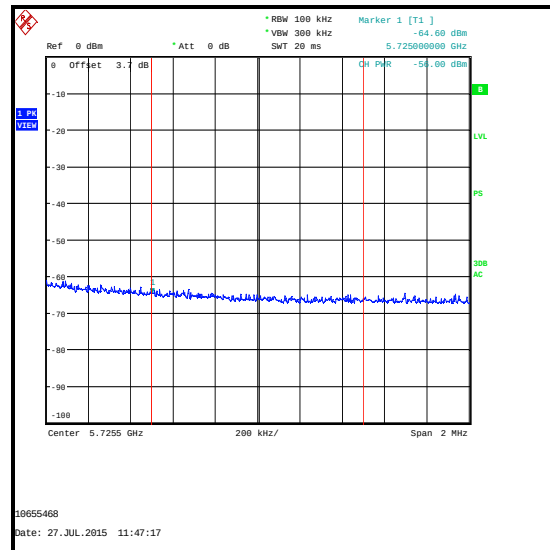
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / 2' Parabolic Antenna / 5 MHz Channel****A Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

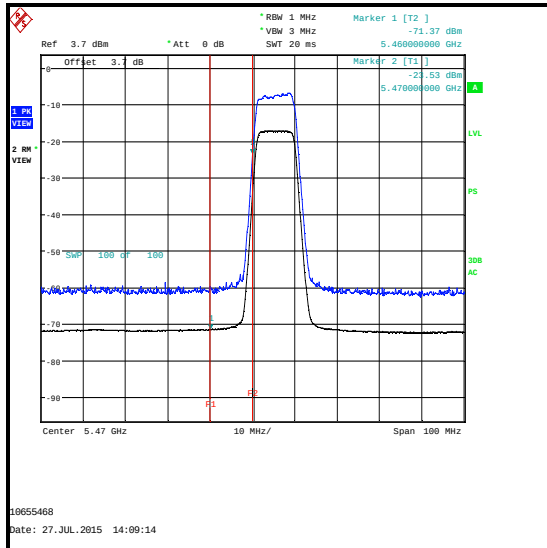
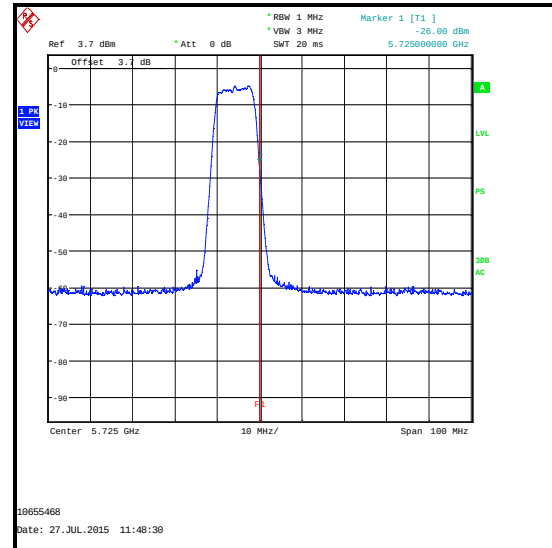
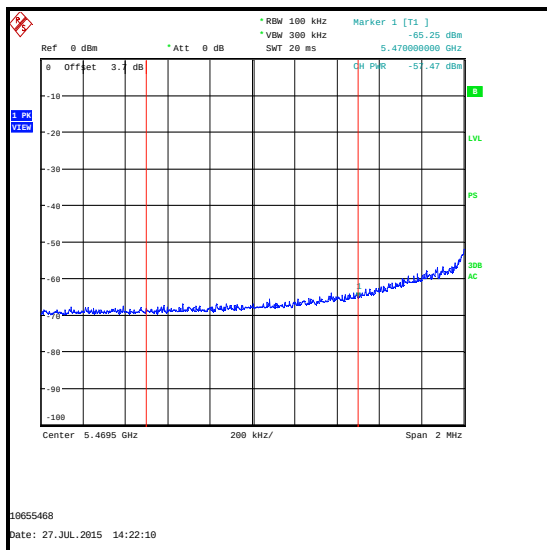
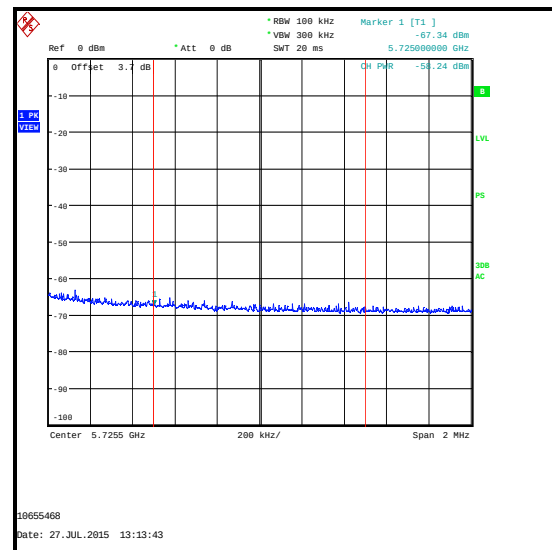
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / 2' Parabolic Antenna / 5 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / 2' Parabolic Antenna / 10 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5470	-56.5*	-57.5*	-54.0	26.2	-27.8
5725	-56.0*	-58.2*	-54.0	26.2	-27.8

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5470	-27.8	-27.0	0.8	Complied
5725	-27.8	-27.0	0.8	Complied

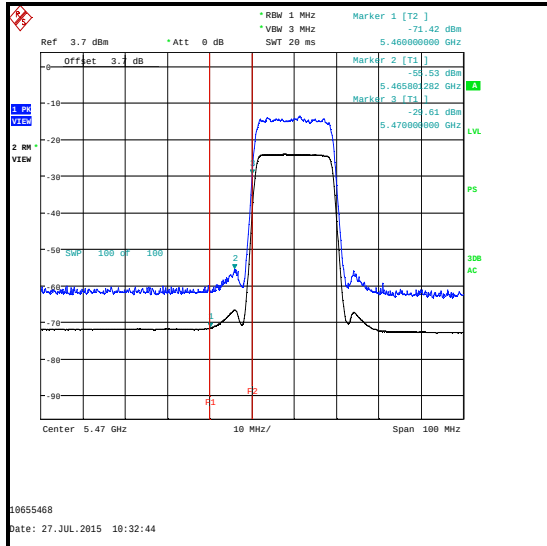
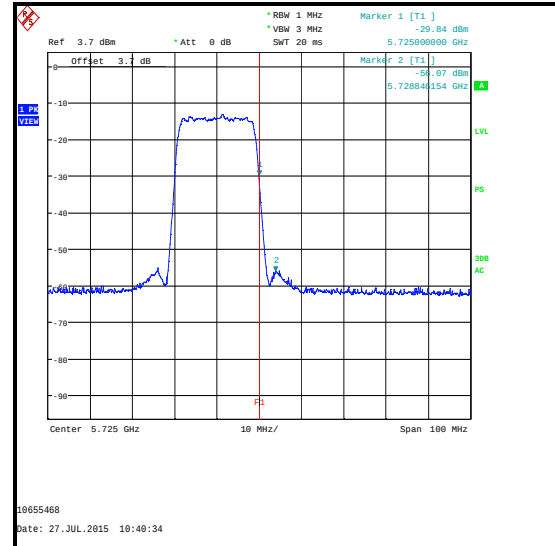
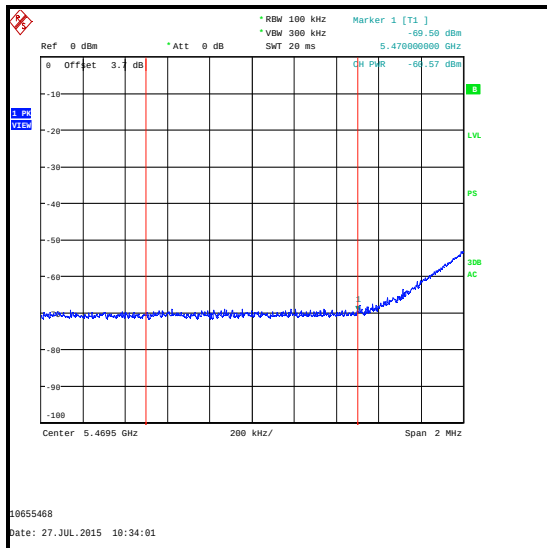
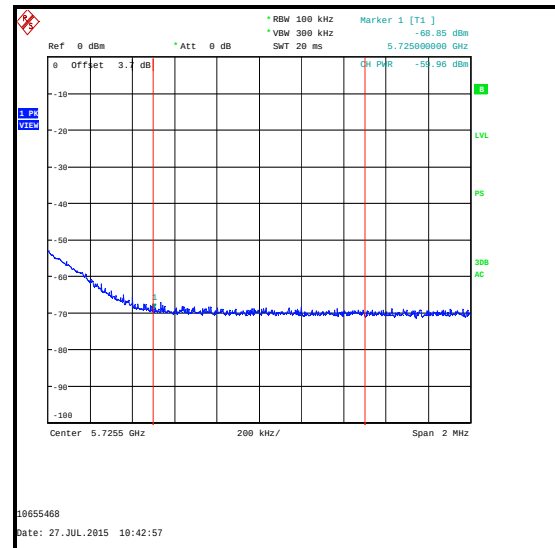
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / 2' Parabolic Antenna / 10 MHz Channel****A Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

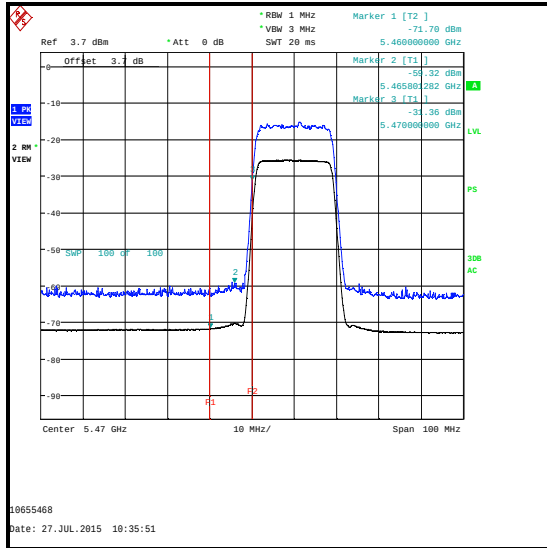
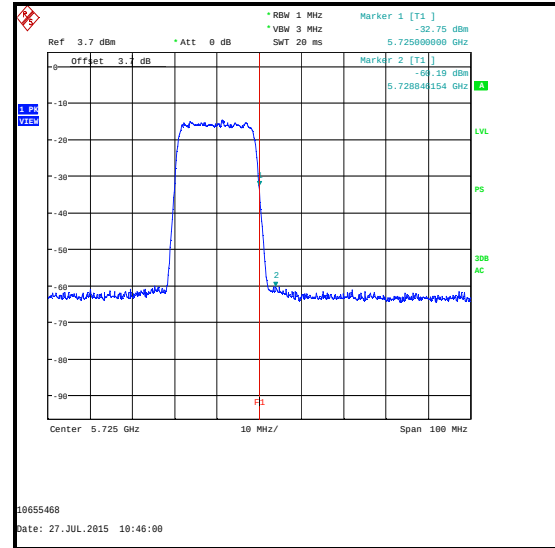
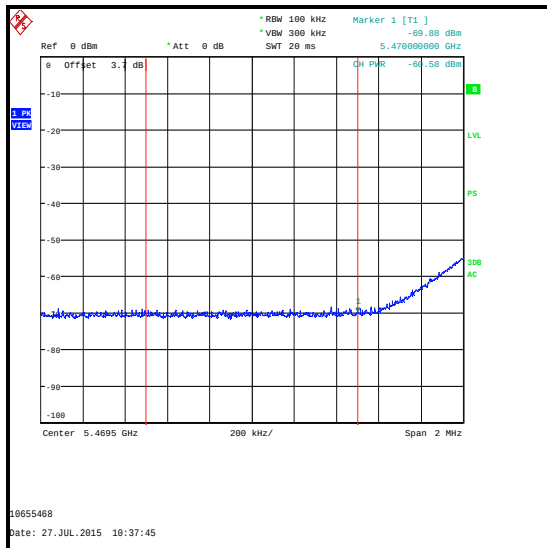
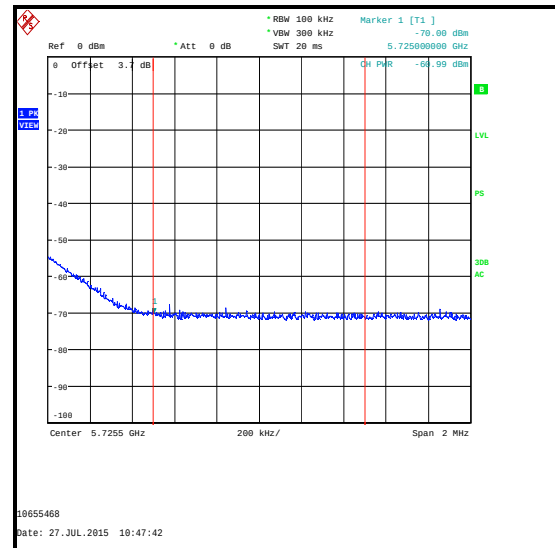
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / 2' Parabolic Antenna / 10 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / 2' Parabolic Antenna / 20 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5465.801	-55.5	-59.3	-54.0	26.2	-27.8
5470	-60.6*	-60.6*	-57.6	26.2	-31.4
5725	-60.0*	-61.0*	-57.5	26.2	-31.3
5728.846	-56.1	-60.2	-54.7	26.2	-28.5

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5465.801	-27.8	-27.0	0.8	Complied
5470	-31.4	-27.0	4.4	Complied
5725	-31.3	-27.0	4.3	Complied
5728.846	-28.5	-27.0	1.5	Complied

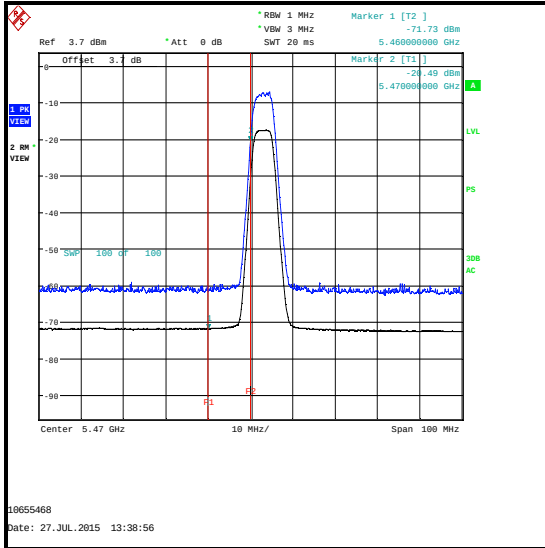
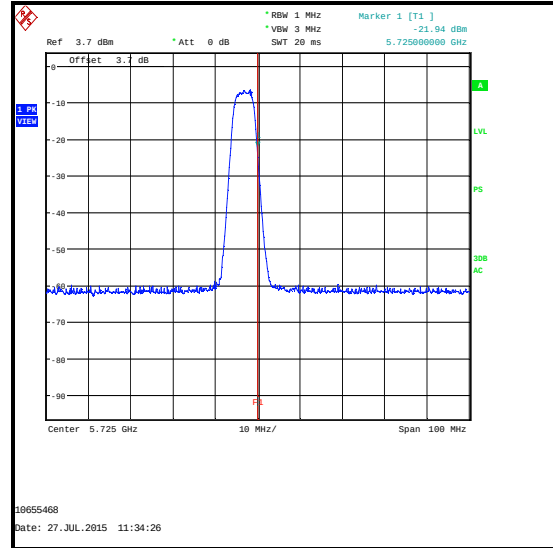
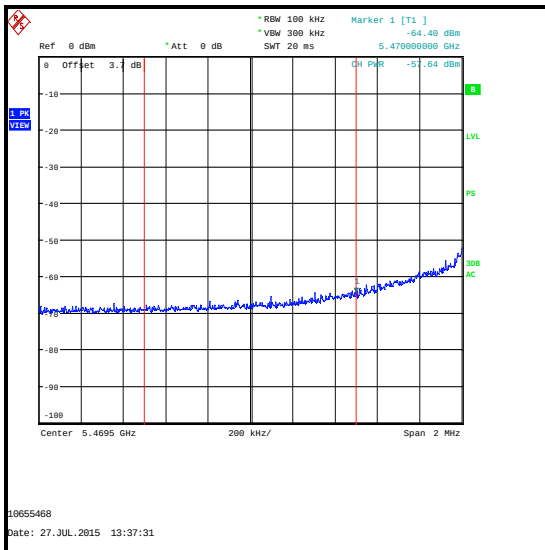
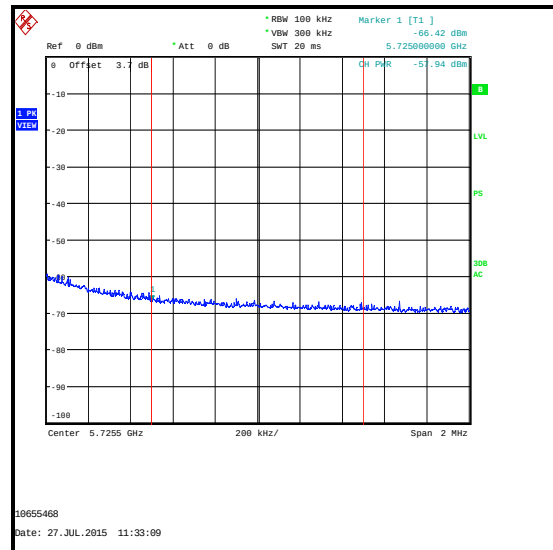
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / 2' Parabolic Antenna / 20 MHz Channel****A Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

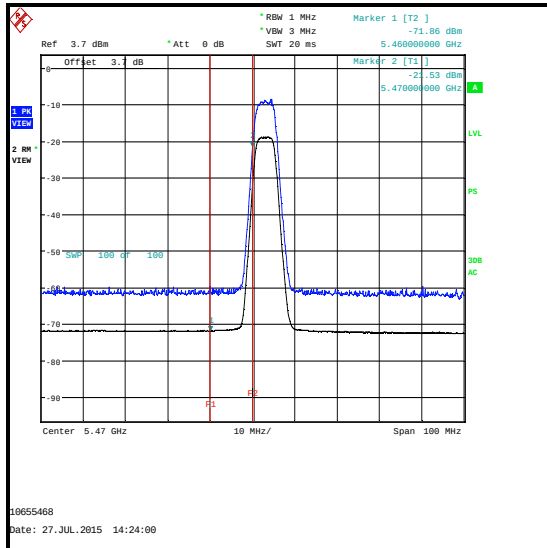
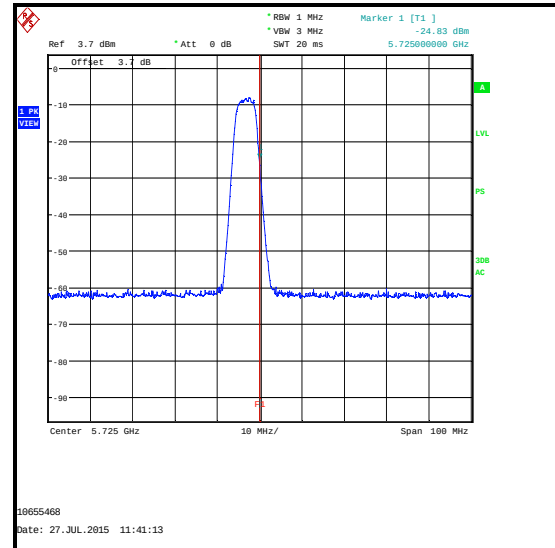
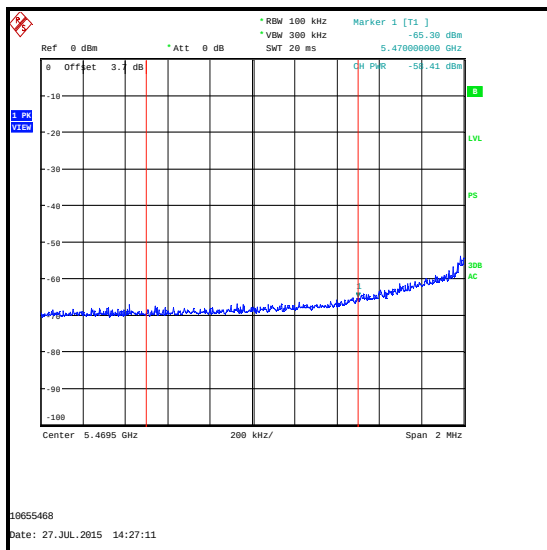
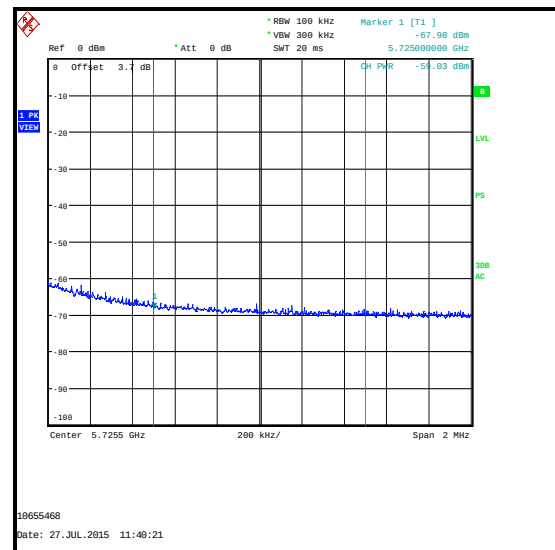
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / 2' Parabolic Antenna / 20 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Plate Antenna / 5 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5470	-57.6*	-58.4*	-55.0	27.6	-27.4
5725	-57.9*	-59.0*	-55.4	27.6	-27.8

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5470	-27.4	-27.0	0.4	Complied
5725	-27.8	-27.0	0.8	Complied

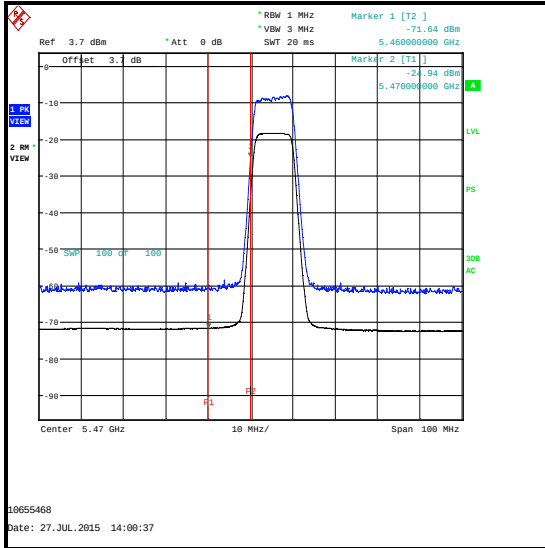
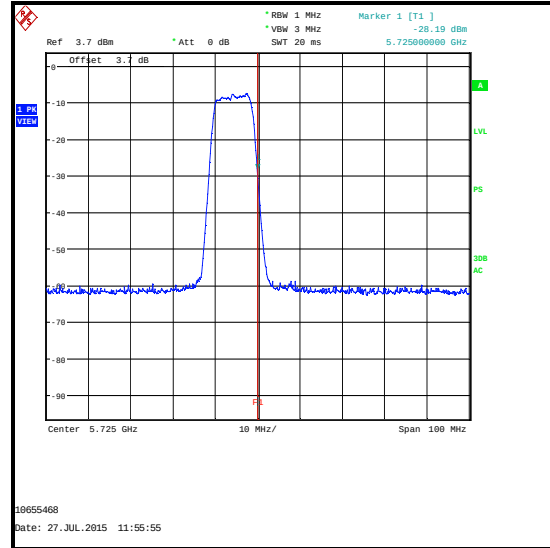
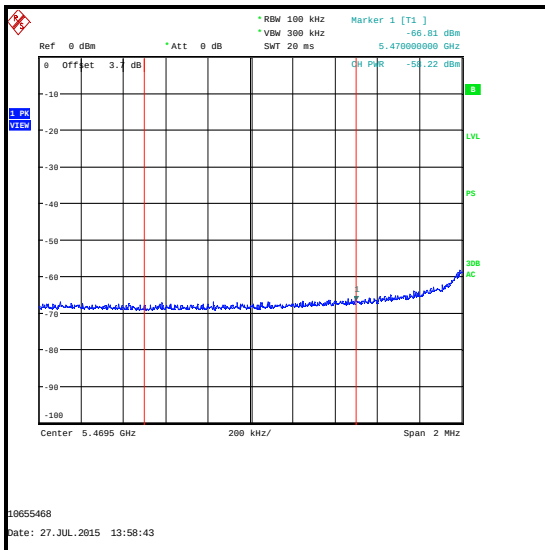
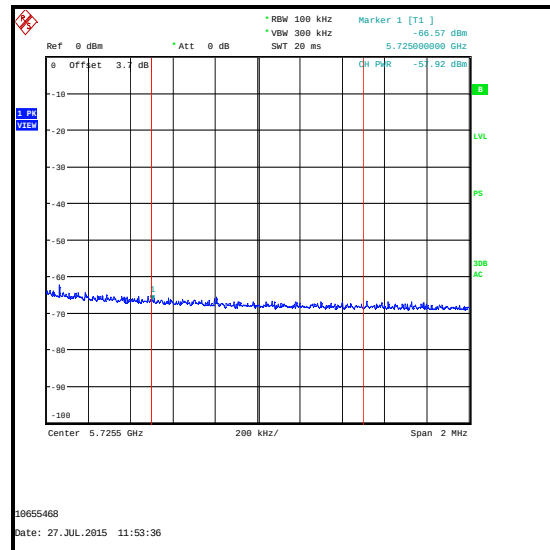
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Plate Antenna / 5 MHz Channel****A Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

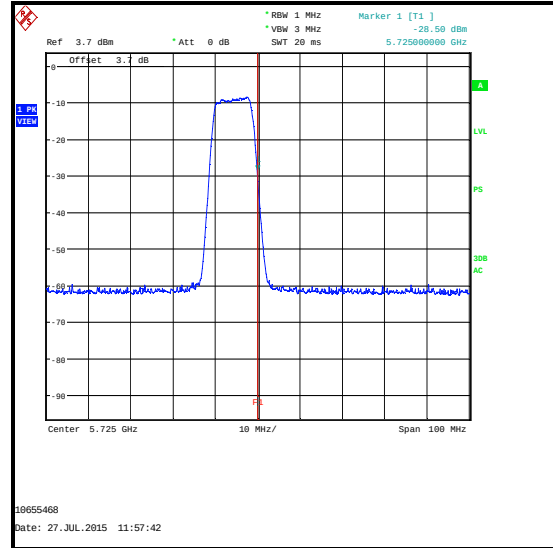
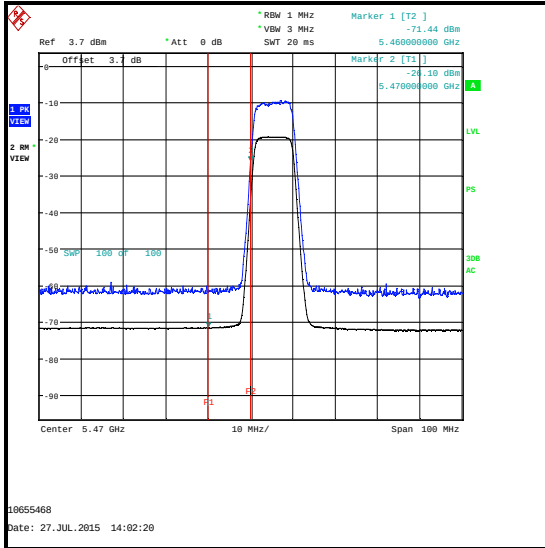
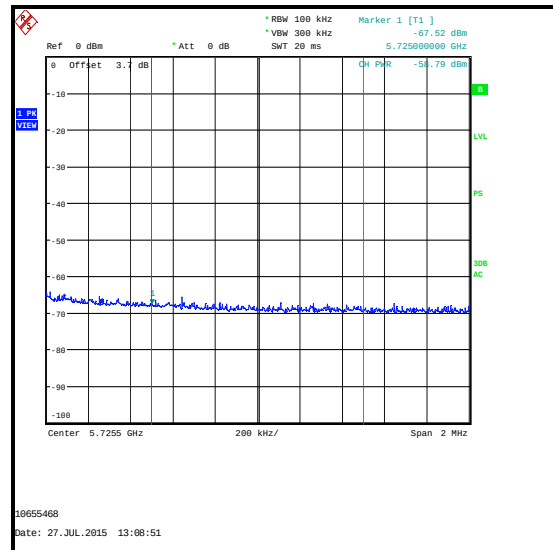
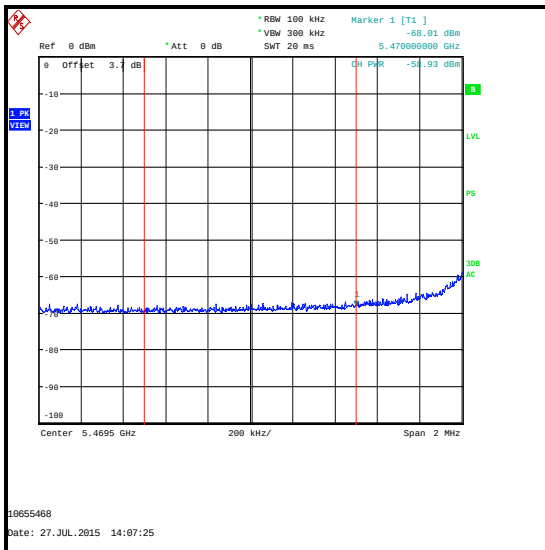
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Plate Antenna / 5 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Plate Antenna / 10 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5470	-58.2*	-58.9*	-55.5	27.6	-27.9
5725	-57.9*	-58.8*	-55.3	27.6	-27.7

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5470	-27.9	-27.0	0.9	Complied
5725	-27.7	-27.0	0.7	Complied

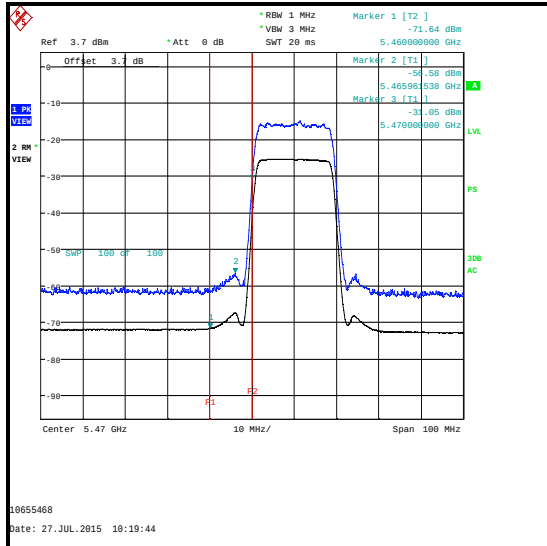
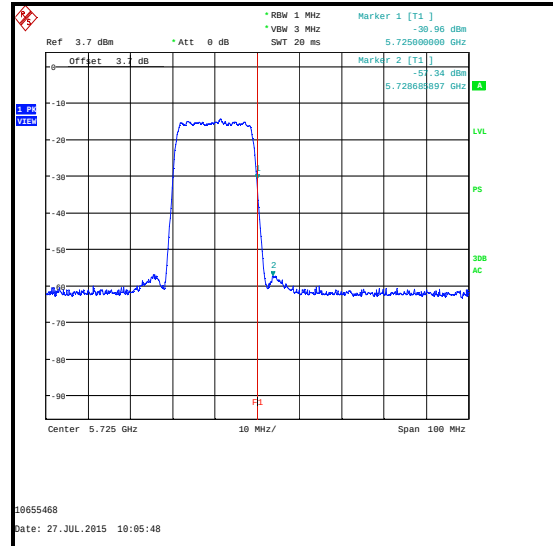
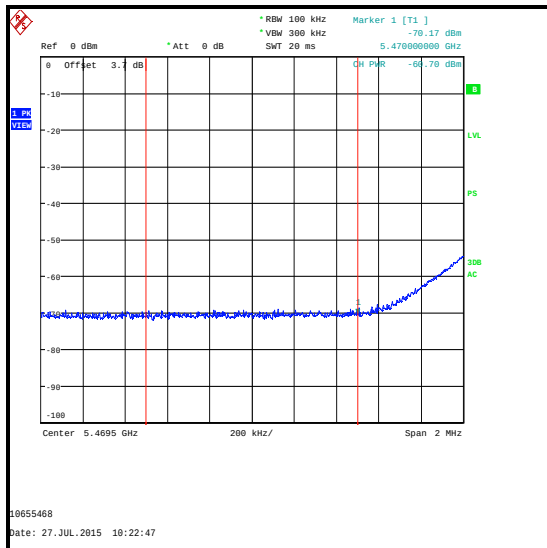
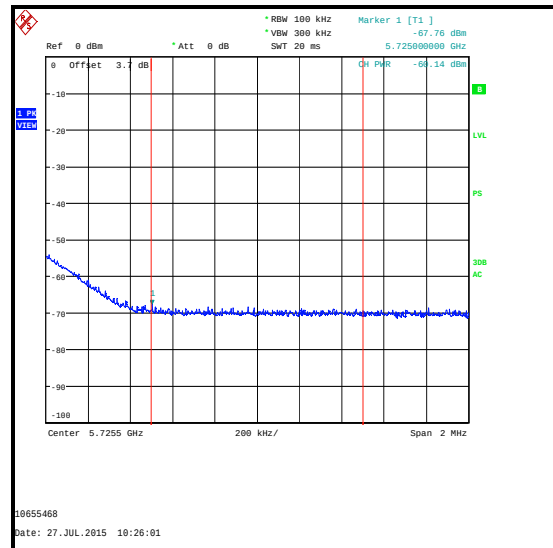
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Plate Antenna / 10 MHz Channel****A Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

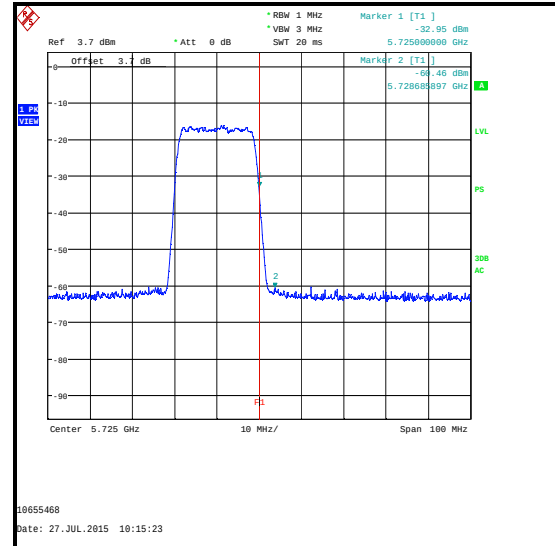
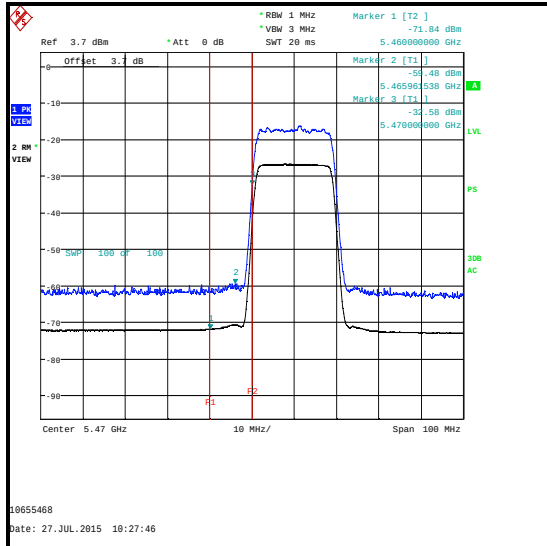
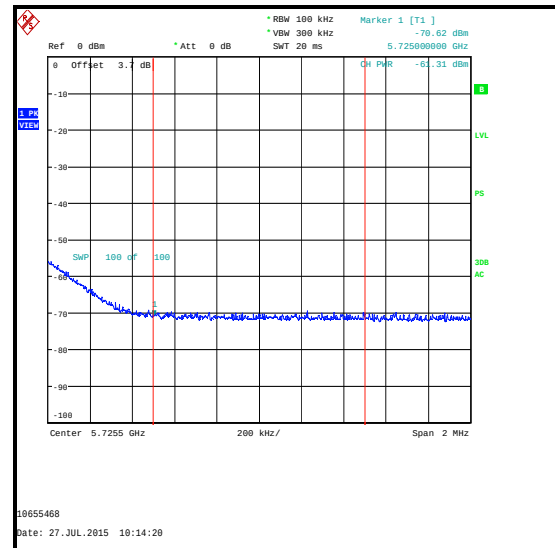
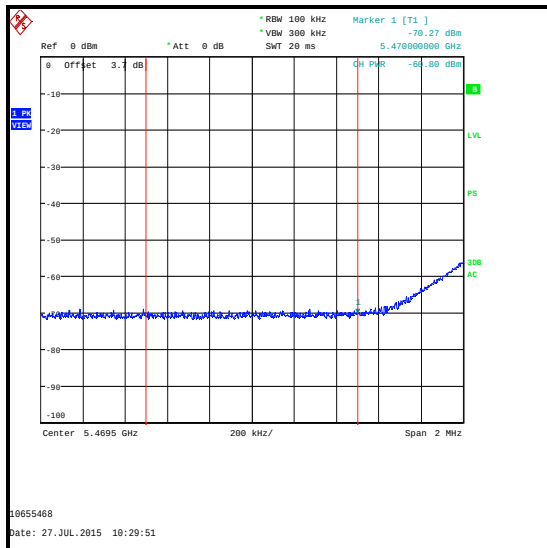
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Plate Antenna / 10 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Plate Antenna / 20 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5465.962	-56.6	-59.5	-54.8	27.6	-27.2
5470	-60.7*	-60.8*	-57.7	27.6	-30.1
5725	-60.1*	-61.3*	-57.6	27.6	-30.0
5728.686	-57.3	-60.5	-55.6	27.6	-28.0

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5465.962	-27.2	-27.0	0.2	Complied
5470	-30.1	-27.0	3.1	Complied
5725	-30.0	-27.0	3.0	Complied
5728.686	-28.0	-27.0	1.0	Complied

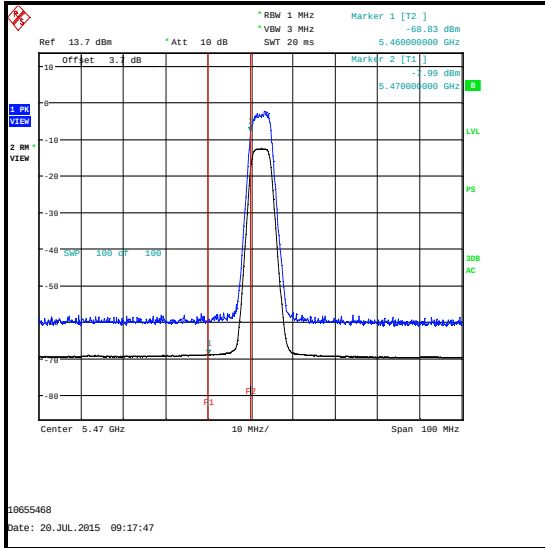
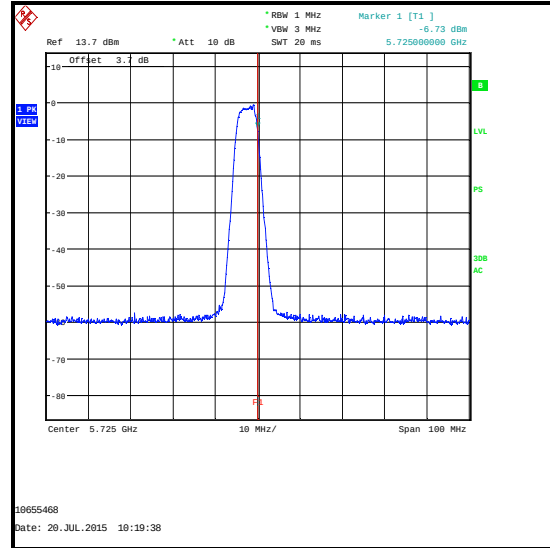
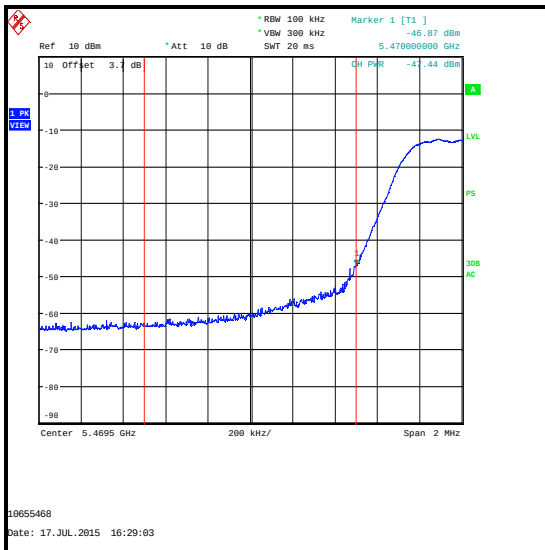
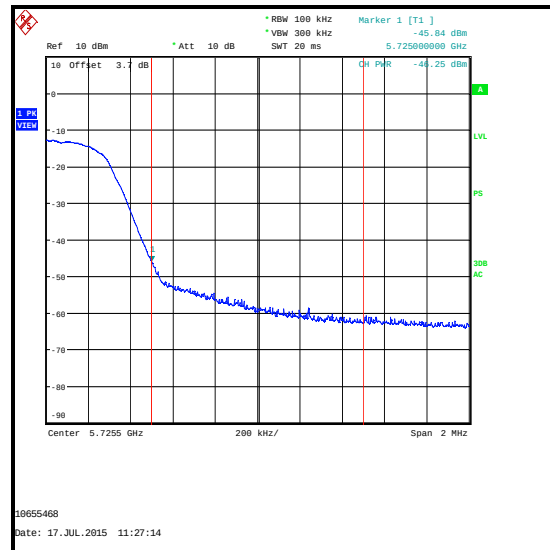
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Plate Antenna / 20 MHz Channel****A Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

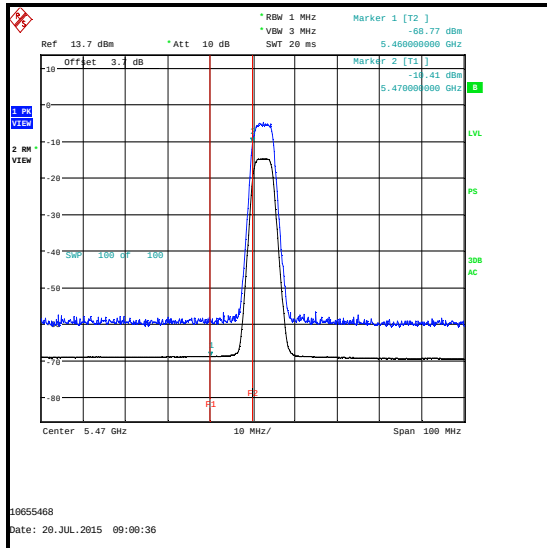
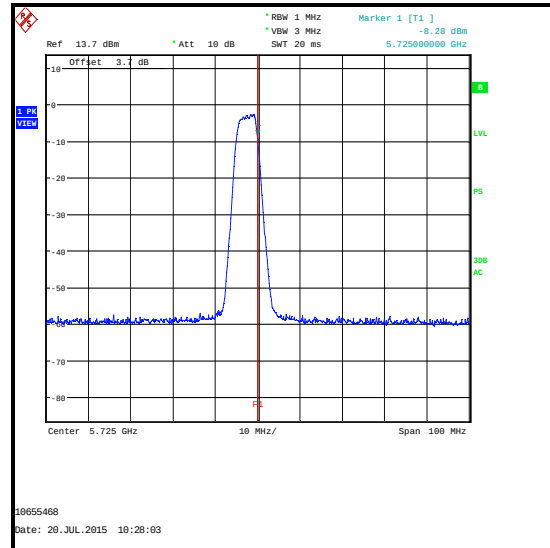
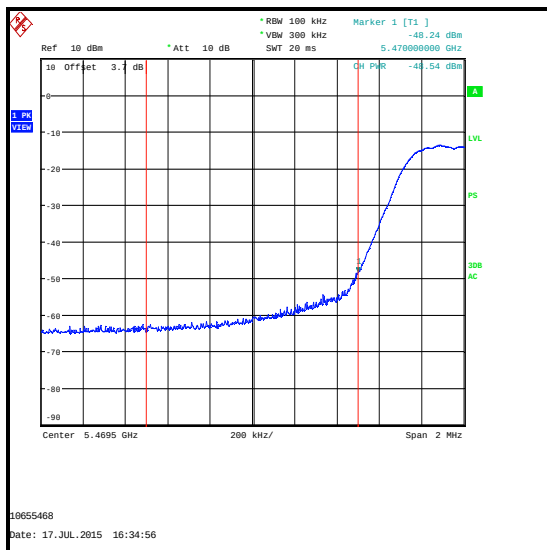
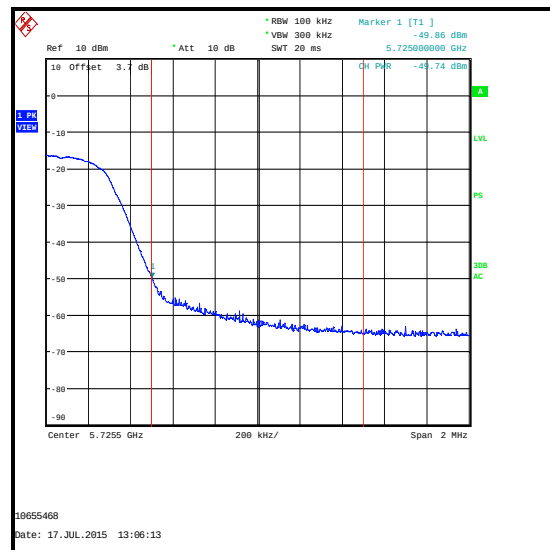
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Plate Antenna / 20 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Sectorised Antenna / 5 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5470	-47.4*	-48.5*	-44.9	16.1	-28.8
5725	-46.2*	-49.7*	-44.6	16.1	-28.5

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5470	-28.8	-27.0	1.8	Complied
5725	-28.5	-27.0	1.5	Complied

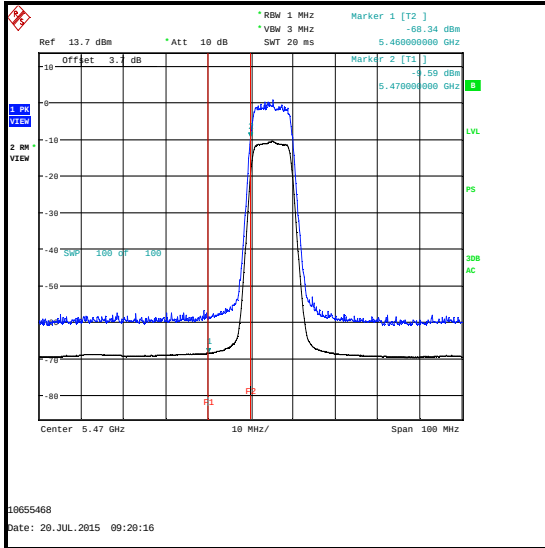
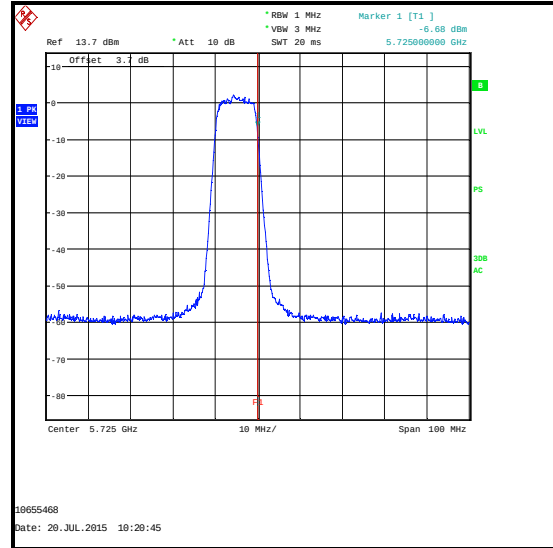
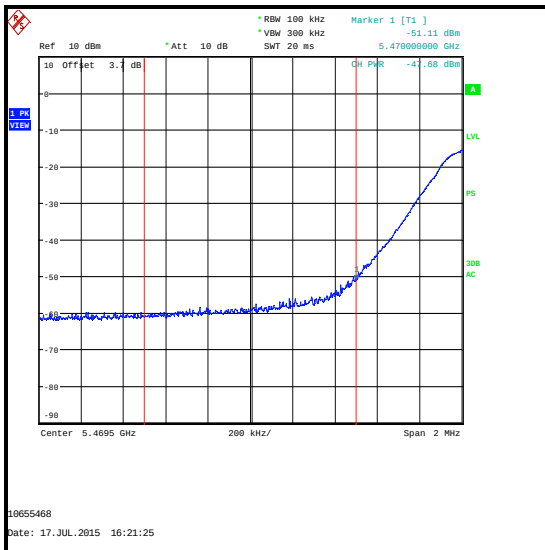
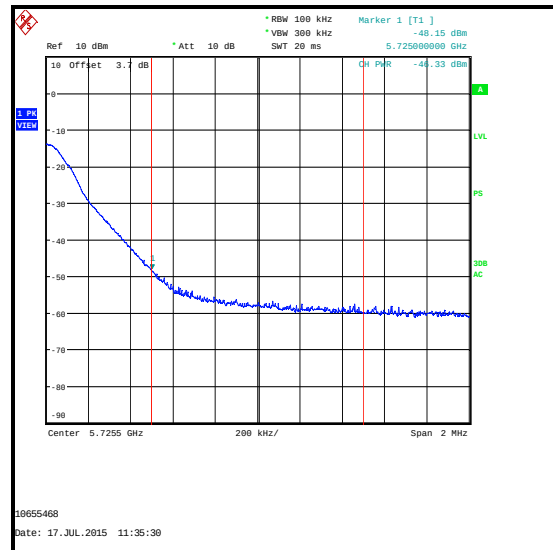
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Sectorised Antenna / 5 MHz Channel****A Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

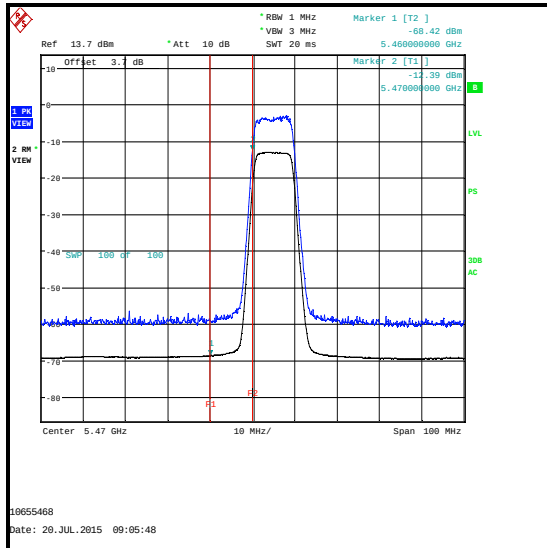
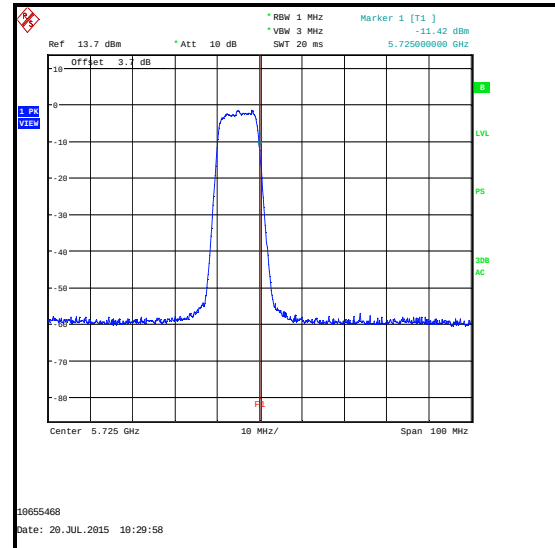
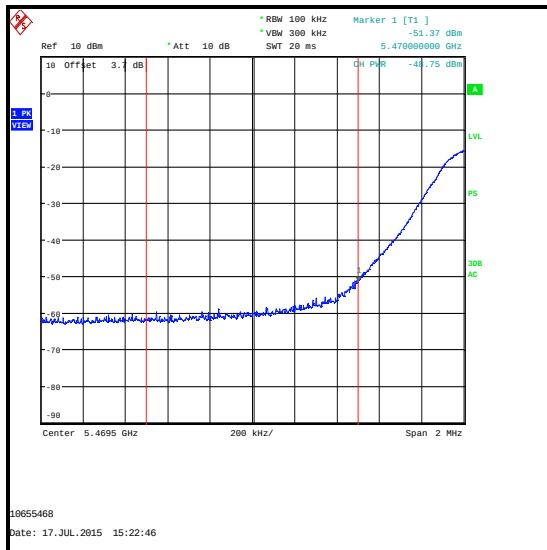
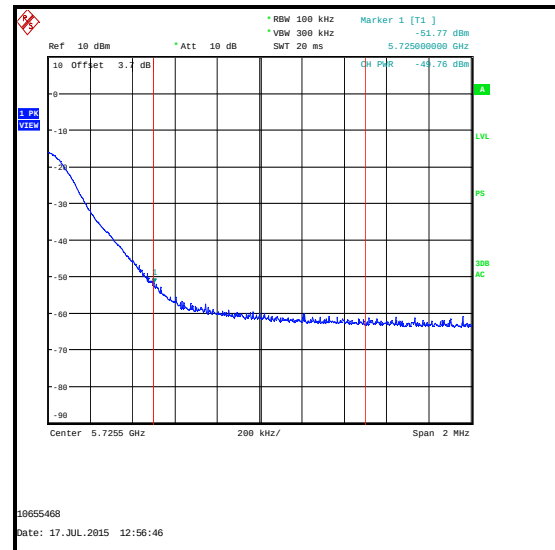
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Sectorised Antenna / 5 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Sectorised Antenna / 10 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5470	-47.7*	-48.7*	-45.2	16.1	-29.1
5725	-46.3*	-49.8*	-44.7	16.1	-28.6

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5470	-29.1	-27.0	2.1	Complied
5725	-28.6	-27.0	1.6	Complied

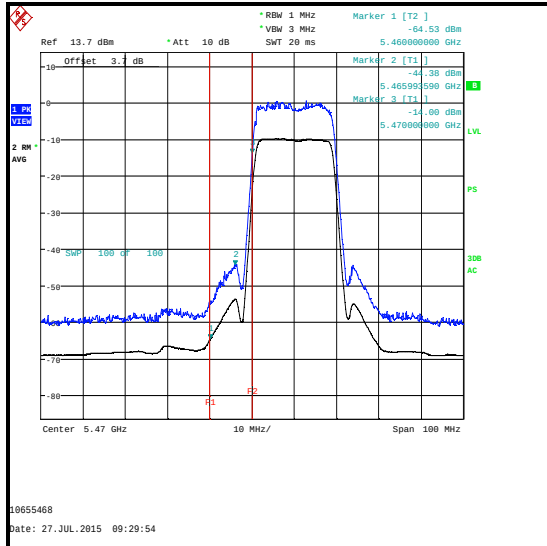
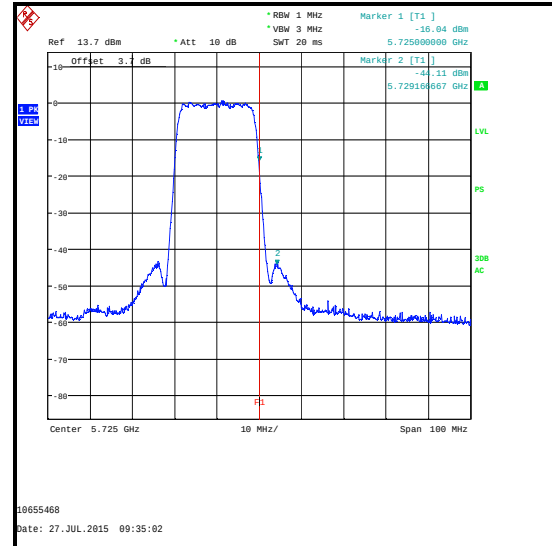
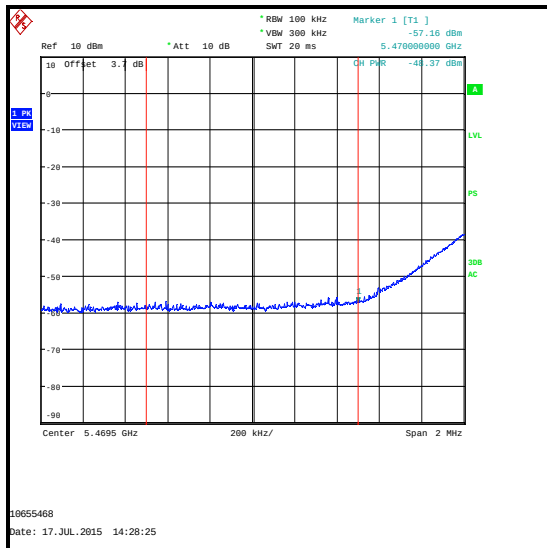
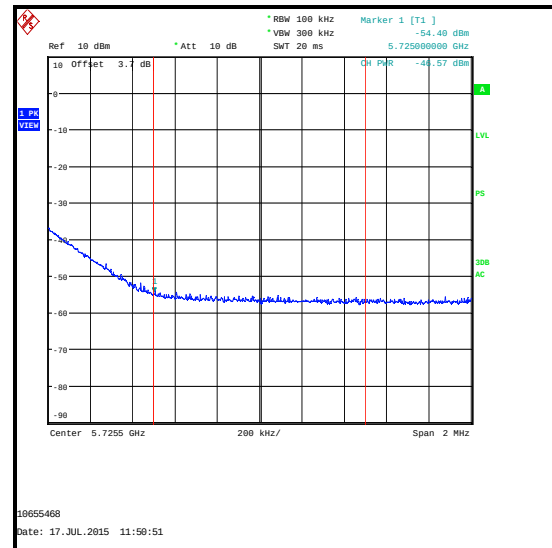
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Sectorised Antenna / 10 MHz Channel****A Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

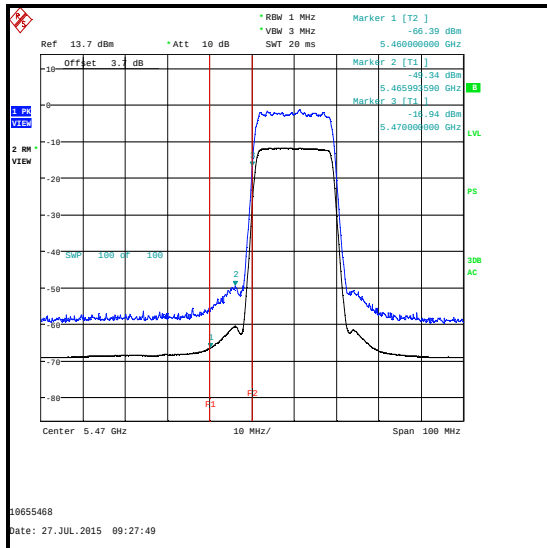
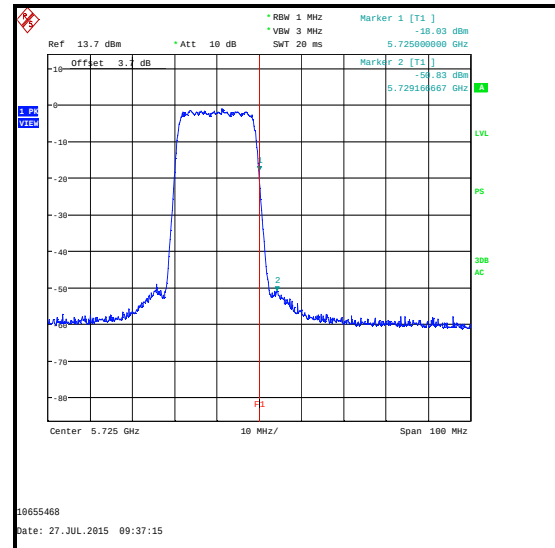
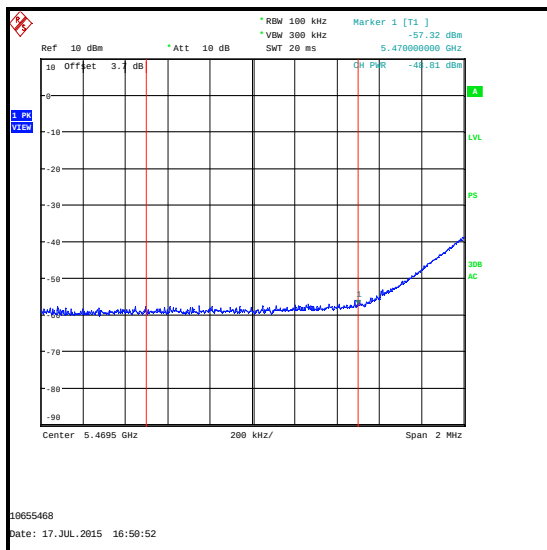
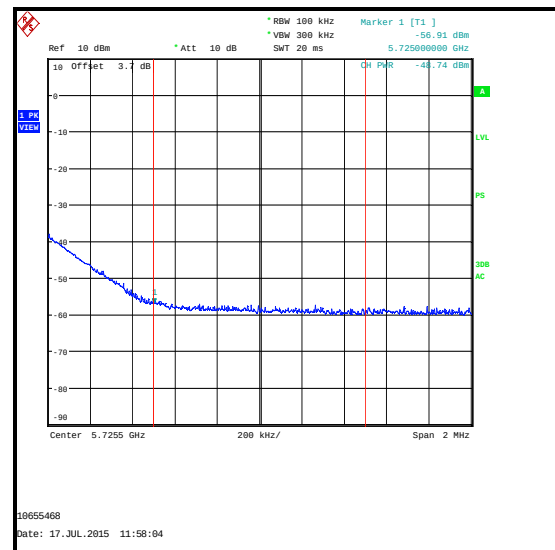
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Sectorised Antenna / 10 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Sectorised Antenna / 20 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5465.994	-44.4	-49.3	-43.2	16.1	-27.1
5470	-48.4*	-48.8*	-45.6	16.1	-29.5
5725	-46.6*	-48.7*	-44.5	16.1	-28.4
5729.167	-44.1	-50.8	-43.3	16.1	-27.2

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5465.994	-27.1	-27.0	0.1	Complied
5470	-29.5	-27.0	2.5	Complied
5725	-28.4	-27.0	1.4	Complied
5729.167	-27.2	-27.0	0.2	Complied

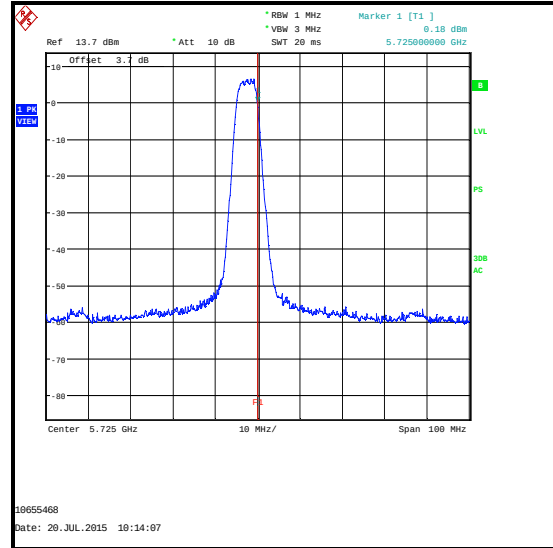
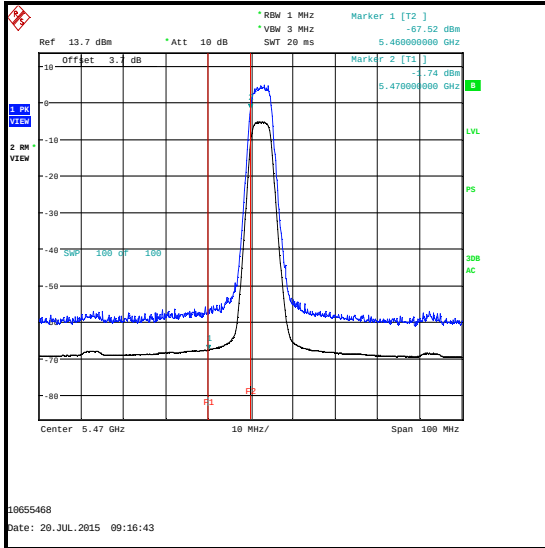
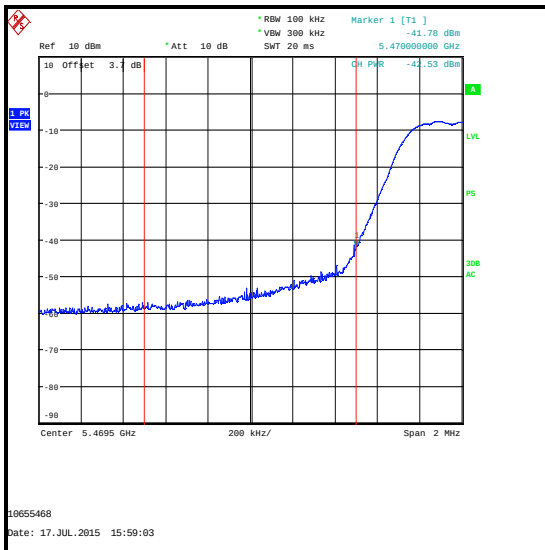
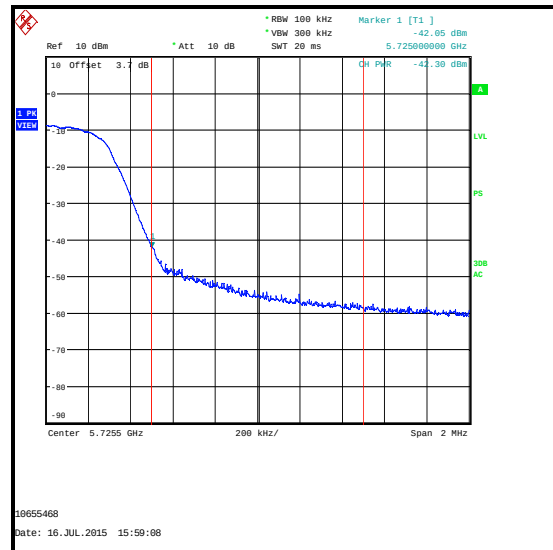
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Sectorised Antenna / 20 MHz Channel****A Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

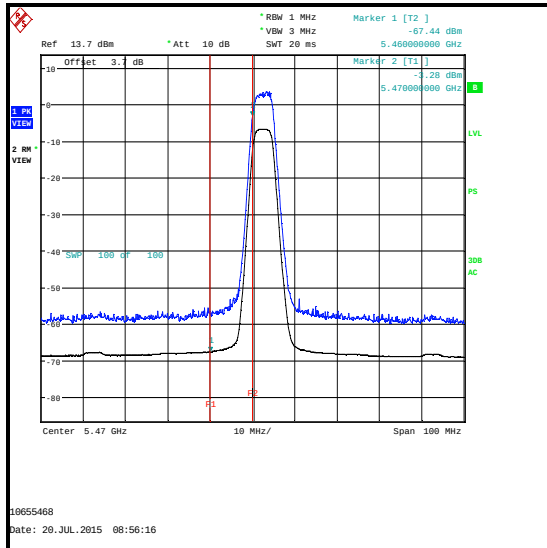
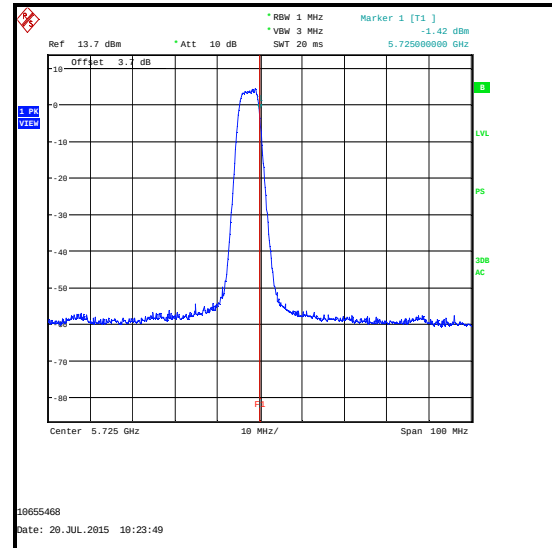
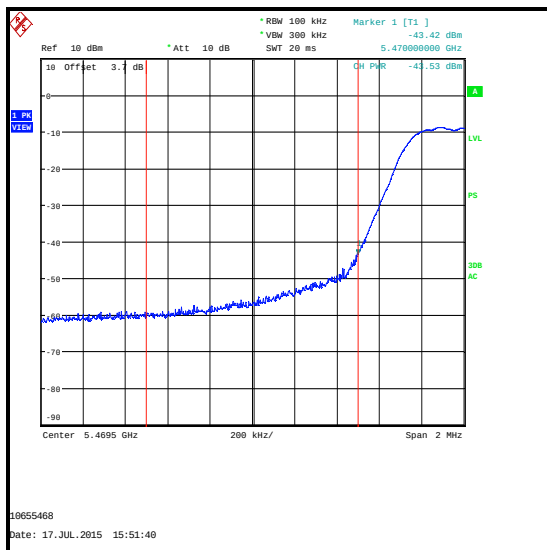
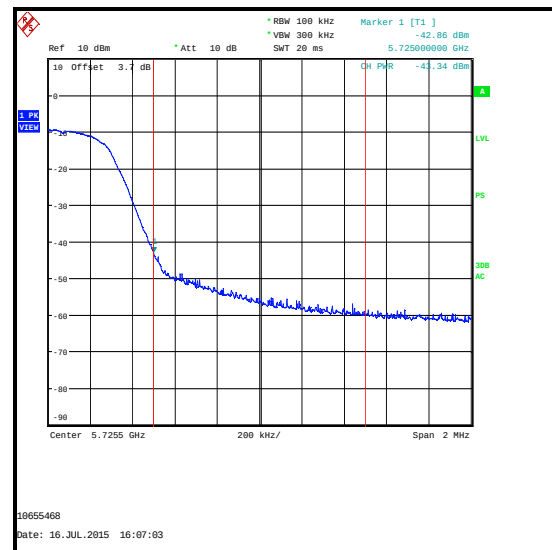
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Sectorised Antenna / 20 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Omnidirectional Antenna / 5 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5470	-42.5*	-43.5*	-40.0	12.1	-27.9
5725	-42.3*	-43.3*	-39.8	12.1	-27.7

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5470	-27.9	-27.0	0.9	Complied
5725	-27.7	-27.0	0.7	Complied

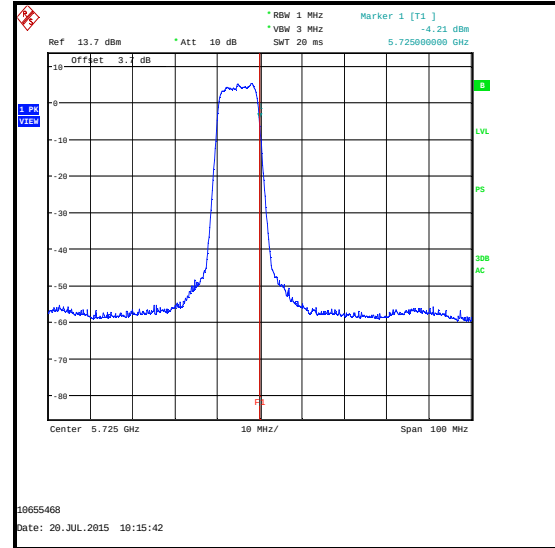
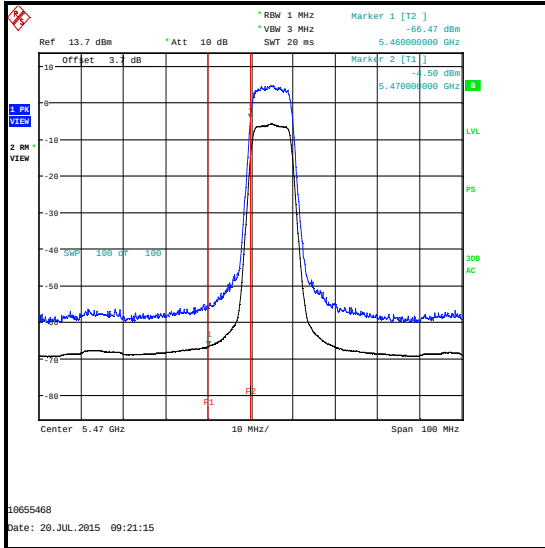
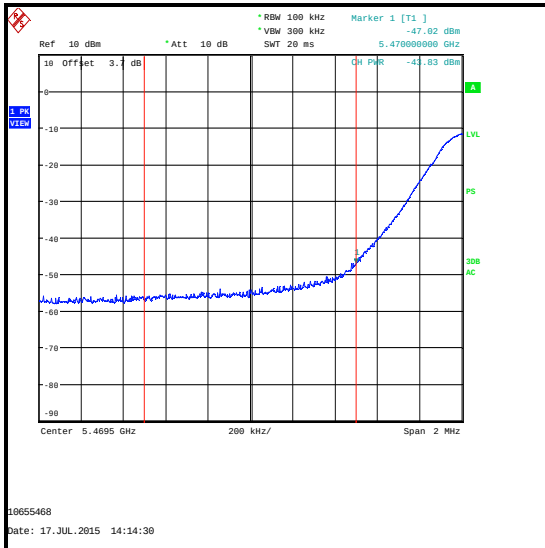
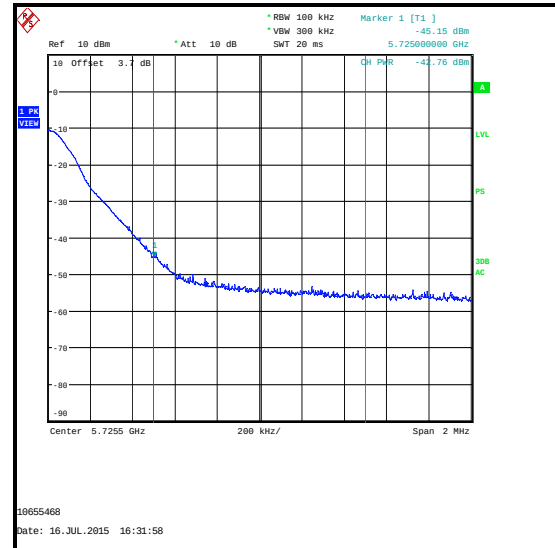
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Omnidirectional Antenna / 5 MHz Channel****A Port****Lower Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

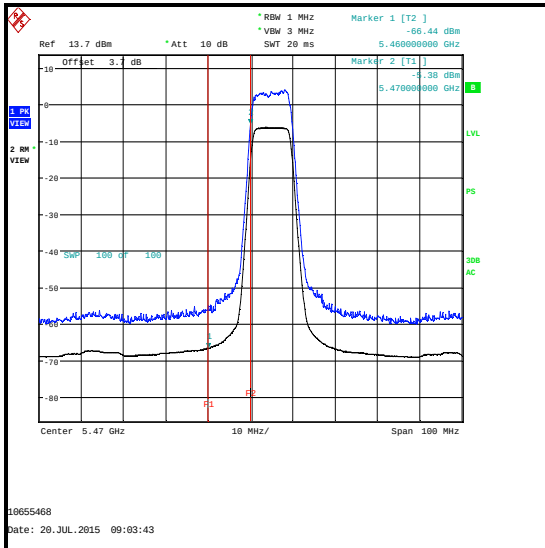
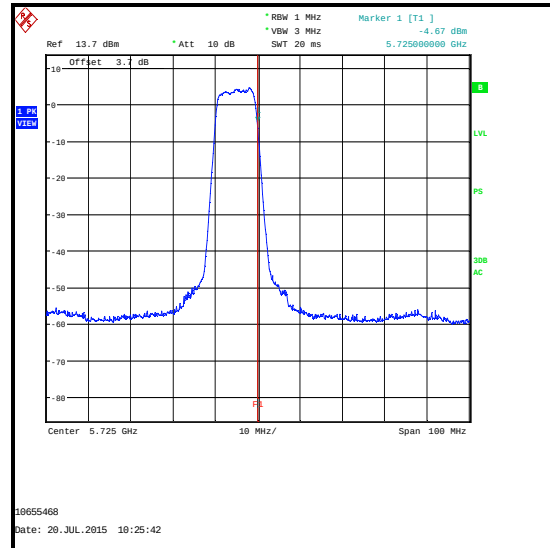
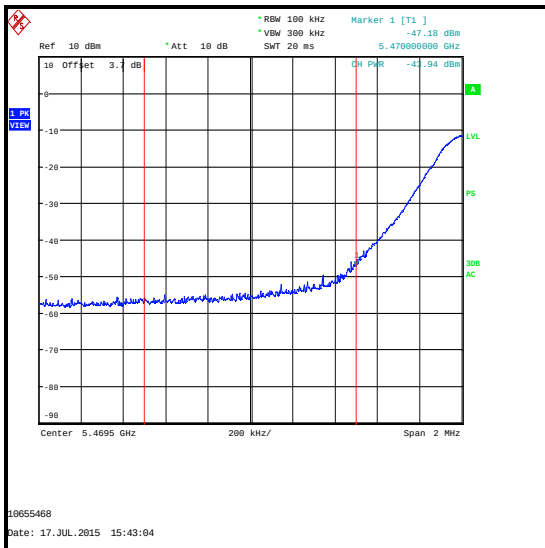
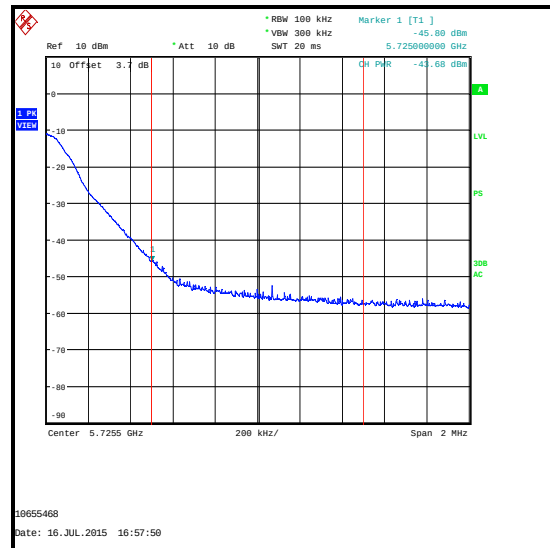
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Omnidirectional Antenna / 5 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Omnidirectional Antenna / 10 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5470	-43.8*	-43.9*	-40.8	12.1	-28.7
5725	-42.8*	-43.7*	-40.2	12.1	-28.1

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5470	-28.7	-27.0	1.7	Complied
5725	-28.1	-27.0	1.1	Complied

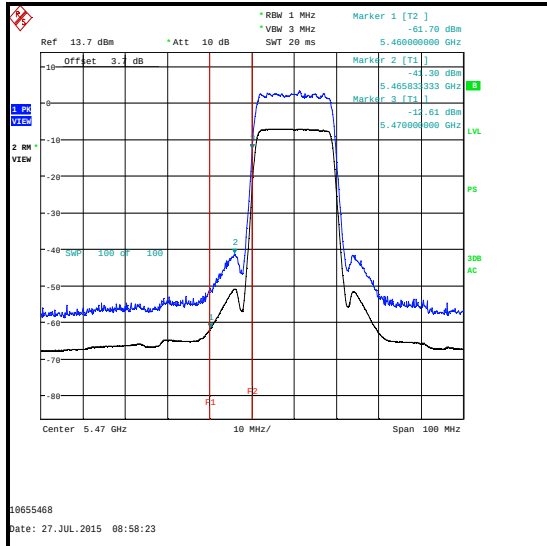
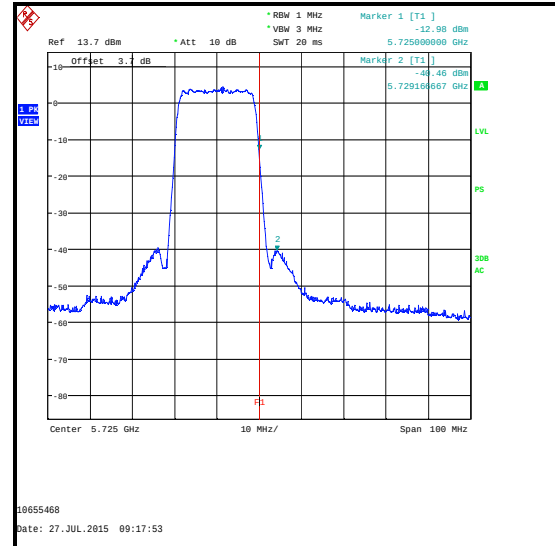
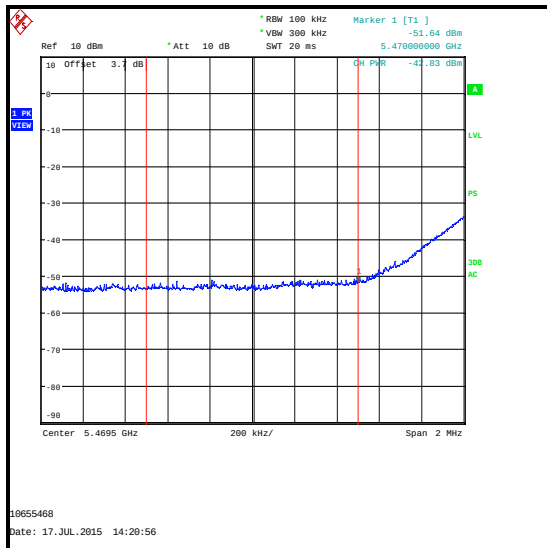
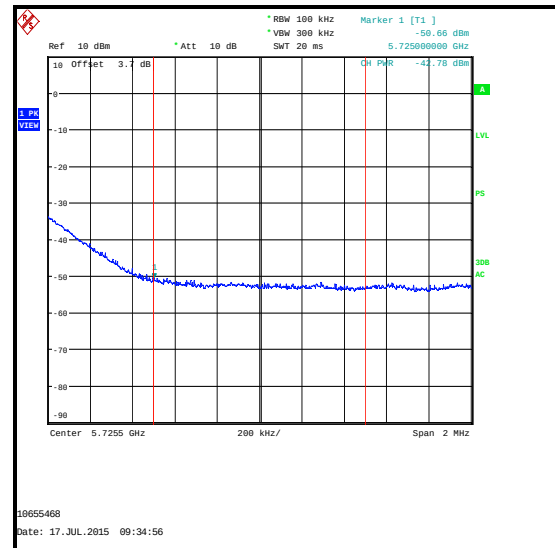
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Omnidirectional Antenna / 10 MHz Channel****A Port****Lower Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

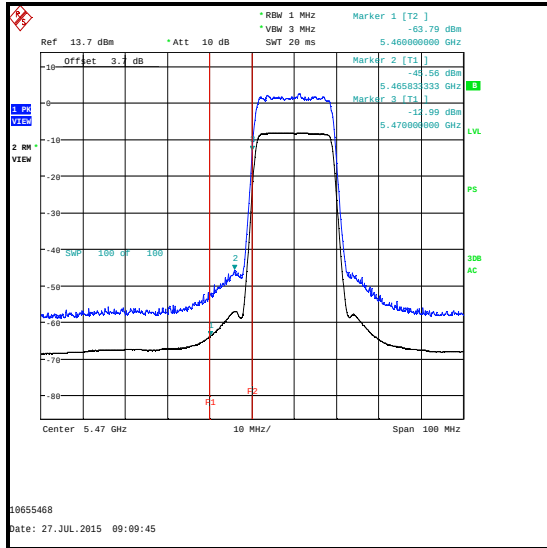
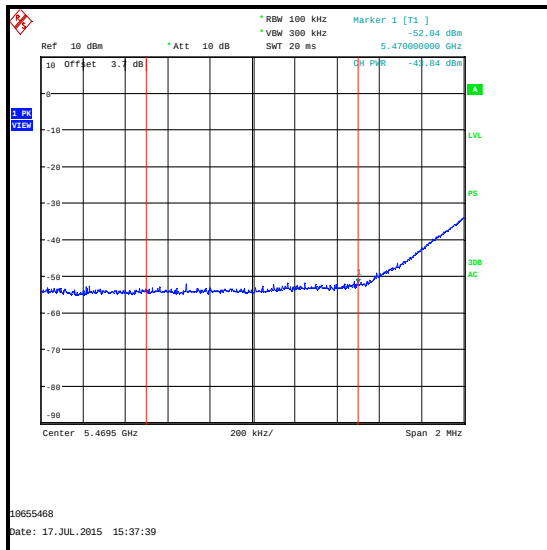
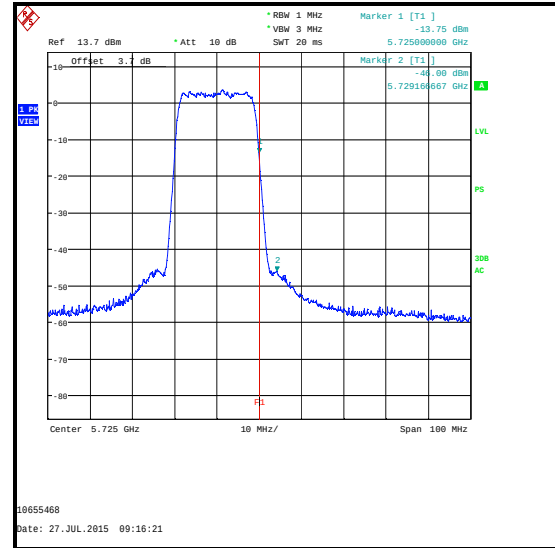
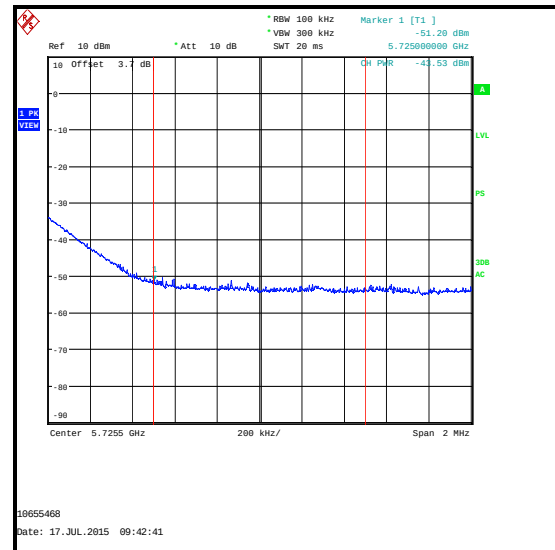
Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Omnidirectional Antenna / 10 MHz Channel****B Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Omnidirectional Antenna / 20 MHz Channel**

Frequency (MHz)	Conducted Emission Level A Port (dBm/MHz)	Conducted Emission Level B Port (dBm/MHz)	Combined Conducted Emission Level (dBm/MHz)	Antenna Gain (dBi)	EIRP (dBm/MHz)
5465.833	-41.3	-45.6	-39.9	12.1	-27.8
5470	-42.8*	-43.8*	-40.3	12.1	-28.2
5725	-42.8*	-43.5*	-40.1	12.1	-28.0
5729.167	-40.5	-46.0	-39.4	12.1	-27.3

Frequency (MHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)	Margin (dB)	Result
5466.154	-27.8	-27.0	0.8	Complied
5470	-28.2	-27.0	1.2	Complied
5725	-28.0	-27.0	1.0	Complied
5728.526	-27.3	-27.0	0.3	Complied

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Omnidirectional Antenna / 20 MHz Channel****A Port****Lower Band Edge Measurement****Upper Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement
Integration method**

Transmitter Band Edge Conducted Emissions (5.47-5.725 GHz Band operation) (continued)**Results: QPSK / Omnidirectional Antenna / 20 MHz Channel****B Port****Lower Band Edge Measurement****Lower Band Edge Measurement
Integration method****Upper Band Edge Measurement****Upper Band Edge Measurement
Integration method****Test Equipment Used:**

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
A1867	Attenuator	Hewlett Packard	8491A	16823	Calibrated Before Use	N/A
M1886	Test Receiver	Rohde & Schwarz	ESU26	100554	21 May 2016	12
M1252	Signal Generator	Hewlett Packard	83640A	3119A00489	24 Oct 2015	24
M1785	Thermohygrometer	JM Handelspunkt	30.5015.13	None stated	23 Apr 2016	12

5.2.8. Transmitter Power Control**Test Summary:**

Test Engineer:	Georgios Vrezas	Test Date:	09 July 2015
Test Sample Serial Number:	F50980BB016F		

FCC Reference:	Part 15.407(h)
Test Method Used:	FCC KDB 789033 D01 Section II.E.3.a) Method PM

Environmental Conditions:

Temperature (°C):	24
Relative Humidity (%):	34

Note(s):

1. Transmitter power control tests were performed as the maximum E.I.R.P. is greater than 500 mW.
2. Tests were performed with the EUT transmitting from the highest configurable RF power to the lowest configurable RF power. The EUT graphical user interface was used to configure the power in step increments of 1.
3. All conducted power measurements were made using an RF average power meter in accordance with FCC KDB 789033 Section II.E.3.a) Method PM. Power was measured on both RF ports. The power was combined. This test has no limit. The test was performed to prove control of the RF output power.

Transmitter Power Control (continued)**Results: 5 MHz Channel / QPSK / Middle Channel / 5597 MHz**

Graphical Use Interface Power Setting	Measured Conducted Power A Port (dBm)	Measured Conducted Power B Port (dBm)	Combined Conducted Power (dBm)
23	20.5	19.8	23.2
22	19.2	18.4	21.8
21	18.2	17.6	20.9
20	17.1	16.5	19.8
19	16.1	15.4	18.8
18	15.1	14.6	17.9
17	14.3	13.8	17.1
16	13.4	12.7	16.1
15	12.7	11.8	15.3
14	11.8	10.9	14.4
13	10.9	10.1	13.5
12	9.8	9.1	12.5
11	8.8	8.2	11.5
10	7.6	7.1	10.4
9	6.8	6.4	9.6
8	6.0	5.1	8.6
7	4.6	4.0	7.3
6	3.7	3.1	6.4
5	2.7	2.3	5.5
4	1.6	0.1	3.9
3	0.6	-1.0	2.9
2	-0.4	-2.0	1.9
1	-1.5	-3.1	0.8
0	-2.1	-3.2	0.4
-1	-3.5	-4.9	-1.1
-2	-3.9	-5.5	-1.6
-3	-5.0	-6.6	-2.7
-4	-6.2	-7.6	-3.8
-5	-4.6	-6.1	-2.3
-6	-6.7	-8.2	-4.4
-7	-7.7	-9.2	-5.4
-8	-8.7	-10.2	-6.4

Transmitter Power Control (continued)**Results: 5 MHz Channel / QPSK / Middle Channel / 5597 MHz**

Graphical Use Interface Power Setting	Measured Conducted Power A Port (dBm)	Measured Conducted Power B Port (dBm)	Combined Conducted Power (dBm)
-9	-9.6	-11.3	-7.4
-10	-10.5	-12.0	-8.2
-11	-11.8	-13.5	-9.6
-12	-12.9	-14.9	-10.8
-13	-14.0	-16.0	-11.9
-14	-15.2	-17.0	-13.0
-15	-15.4	-17.1	-13.2

Test Equipment Used:

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
M1252	Signal Generator	Hewlett Packard	83640A	3119A00489	24 Oct 2015	24
M1009	Power Meter	Hewlett Packard	437B	3125U13706	27 Jan 2016	12
M1435	Power Meter	Hewlett Packard	437B	3125U14631	24 Apr 2016	12
M1175	Power Sensor	Hewlett Packard	8485A	2942A10299	11 Feb 2016	12
M1592	Power Sensor	Hewlett Packard	8487A	3318A02094	17 Sep 2015	12
A2506	Attenuator	AtlanTecRF	AN18-10	821846#1	Calibrated before use	N/A
A2140	Attenuator	AtlanTecRF	AN18-10	090918-14	Calibrated before use	N/A
A2142	Attenuator	AtlanTecRF	AN18-20	081120-23	Calibrated before use	N/A
M1785	Thermohygrometer	JM Handelspunkt	30.5015.13	N/A	23 Apr 2016	12

6. Measurement Uncertainty

No measurement or test can ever be perfect and the imperfections give rise to error of measurement in the results. Consequently the result of a measurement is only an approximation to the value of the measurand (the specific quantity subject to measurement) and is only complete when accompanied by a statement of the uncertainty of the approximation.

The expression of uncertainty of a measurement result allows realistic comparison of results with reference values and limits given in specifications and standards.

The uncertainty of the result may need to be taken into account when interpreting the measurement results.

The reported expanded uncertainties below are based on a standard uncertainty multiplied by an appropriate coverage factor such that a confidence level of approximately 95% is maintained. For the purposes of this document "approximately" is interpreted as meaning "effectively" or "for most practical purposes".

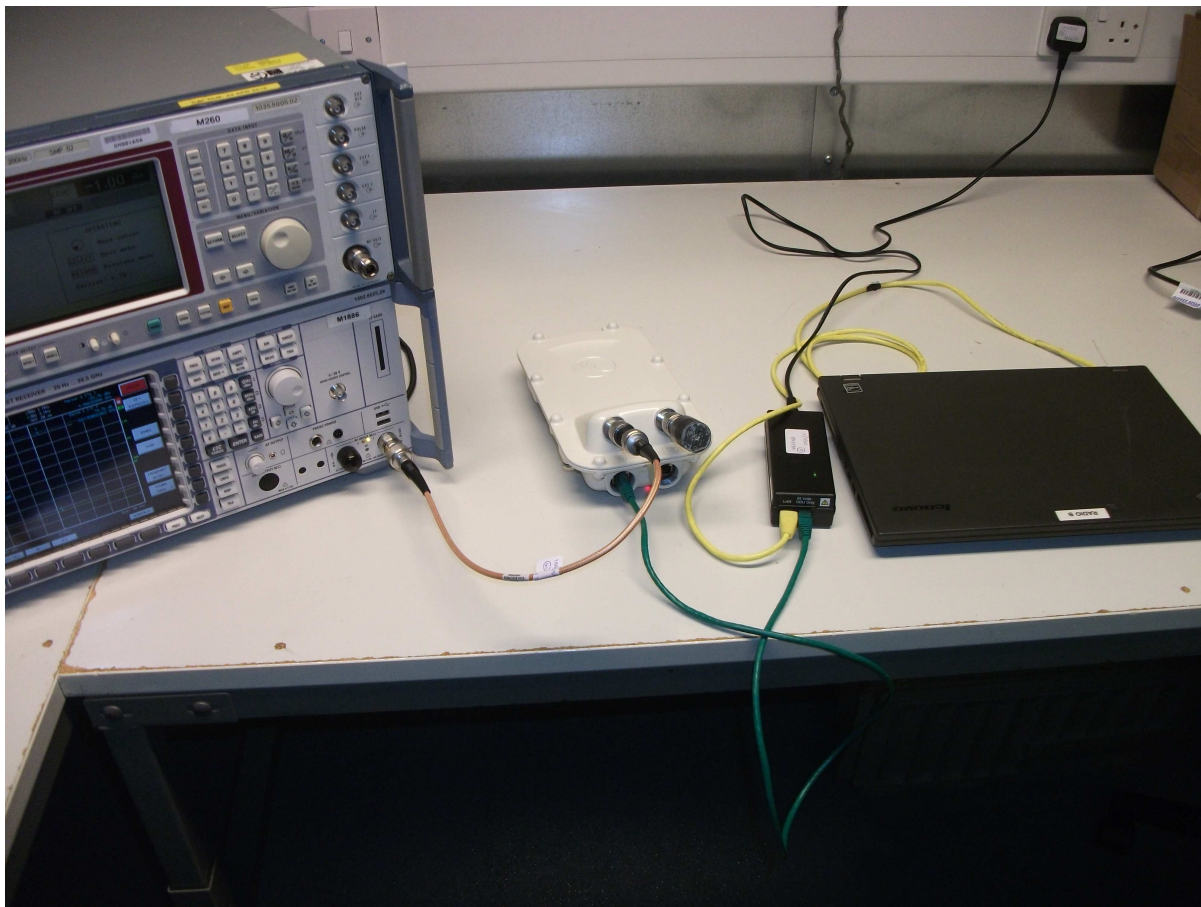
Measurement Type	Range	Confidence Level (%)	Calculated Uncertainty
AC Conducted Spurious Emissions	0.15 MHz to 30 MHz	95%	±4.69 dB
Conducted Output Power	5.25 GHz to 5.725 GHz	95%	±0.76 dB
Power Spectral Density	5.25 GHz to 5.725 GHz	95%	±1.13 dB
Occupied Bandwidth	5.25 GHz to 5.725 GHz	95%	±3.92 %
Radiated Spurious Emissions	30 MHz to 1 GHz	95%	±5.65 dB
Radiated Spurious Emissions	1 GHz to 40 GHz	95%	±2.54 dB

The methods used to calculate the above uncertainties are in line with those recommended within the various measurement specifications. Where measurement specifications do not include guidelines for the evaluation of measurement uncertainty the published guidance of the appropriate accreditation body is followed.

7. Report Revision History

Version Number	Revision Details		
	Page No(s)	Clause	Details
1.0	-	-	Initial Version
2.0	6 &16 5 33 & 39 38 89, 96, 127 & 141 96 128 to 130	-	Removed ANSI C63.4 references Changed DFS test report name in Note 2 Changed Section heading title Corrected test equipment list Removed FCC Part 15.407 references Corrected Note 6 Inserted ' 4' ' in front of 'Parabolic Antenna' in results table heading

Appendix 1. Conducted Test Setup Photograph



EUT configuration for conducted measurements

--- END OF REPORT ---