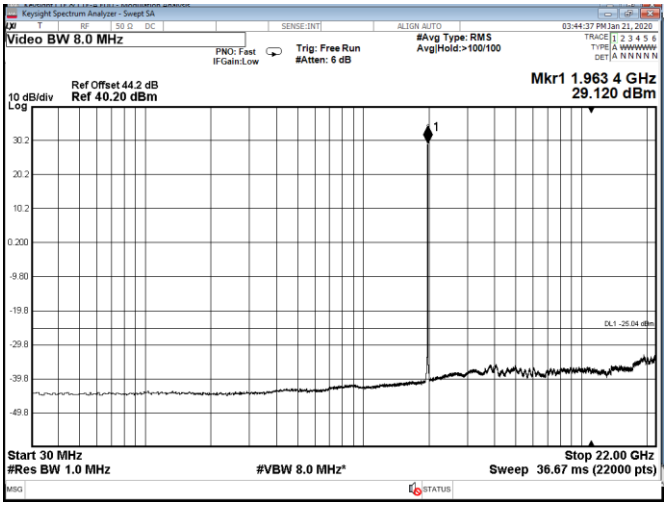


Figure 8.5-5: *Conducted spurious emissions of 15 MHz mid channel, single-carrier operation*

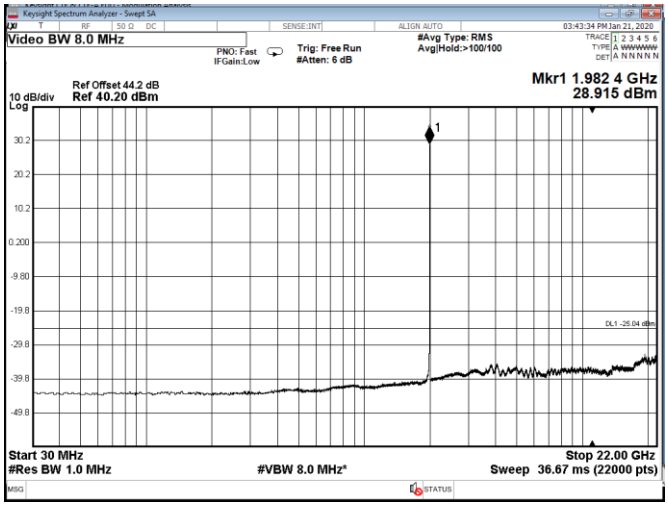


Figure 8.5-6: *Conducted spurious emissions of 15 MHz high channel, single-carrier operation*

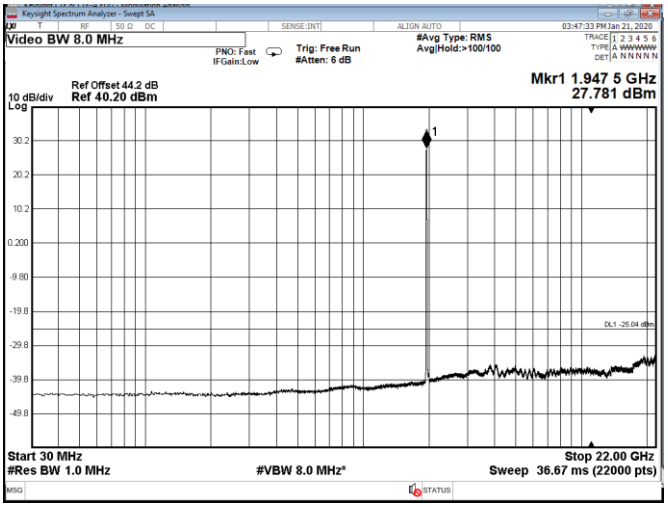


Figure 8.5-7: *Conducted spurious emissions of 20 MHz low channel, single-carrier operation*

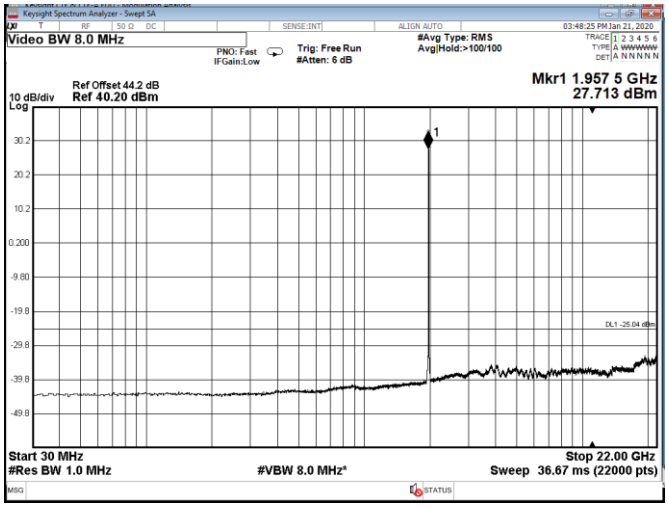


Figure 8.5-8: *Conducted spurious emissions of 20 MHz mid channel, single-carrier operation*

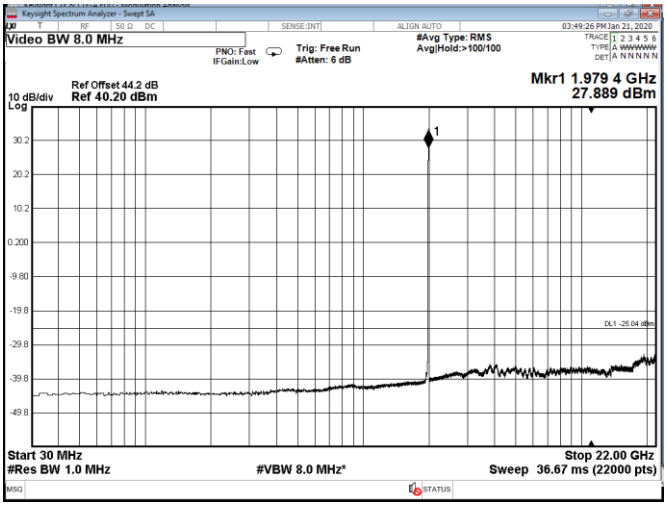


Figure 8.5-9: *Conducted spurious emissions of 20 MHz high channel, single-carrier operation*

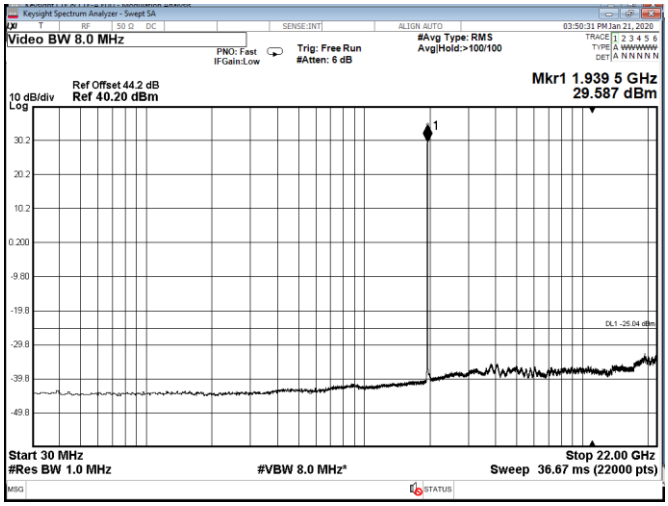


Figure 8.5-10: *Conducted spurious emissions of 10 MHz low channel, single-carrier operation with IoT*

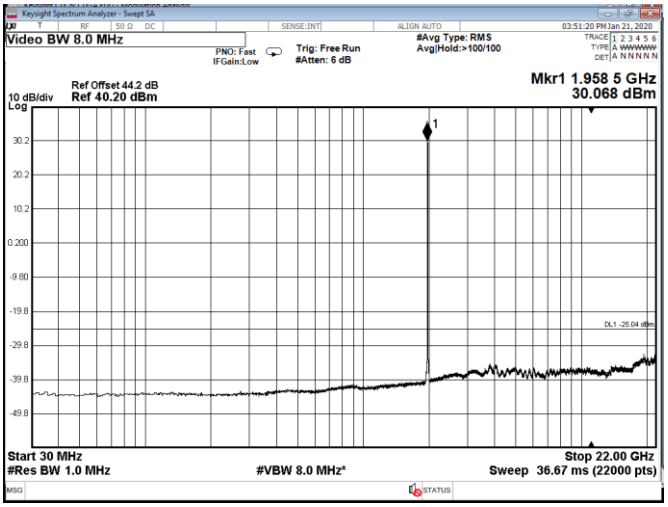


Figure 8.5-11: *Conducted spurious emissions of 10 MHz mid channel, single-carrier operation with IoT*

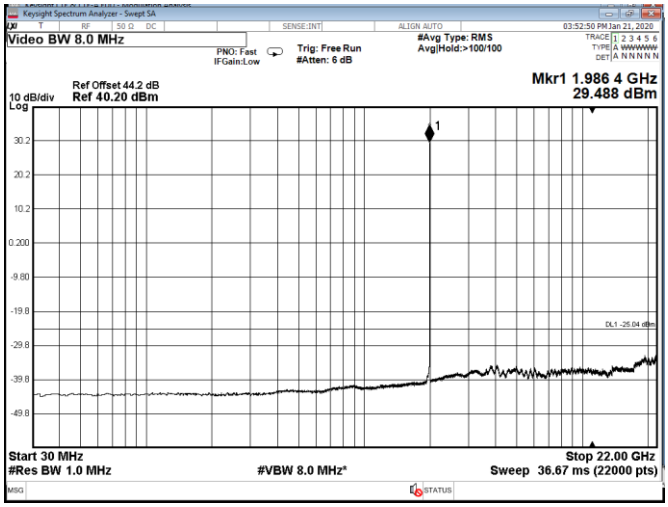


Figure 8.5-12: *Conducted spurious emissions of 10 MHz high channel, single-carrier operation with IoT*

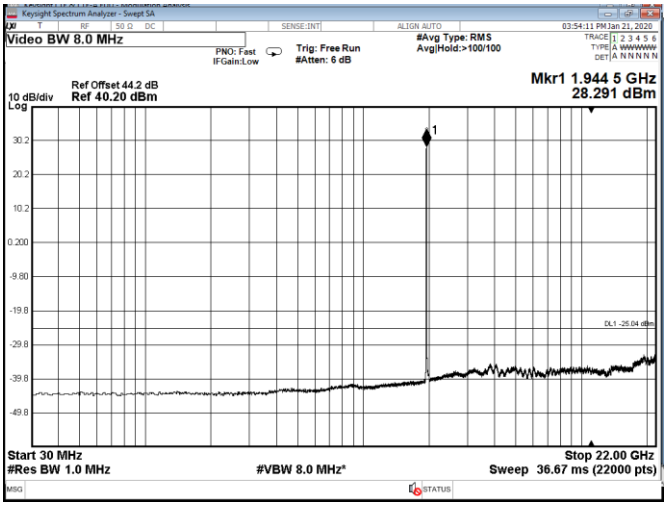


Figure 8.5-13: *Conducted spurious emissions of 15 MHz low channel, single-carrier operation with IoT*

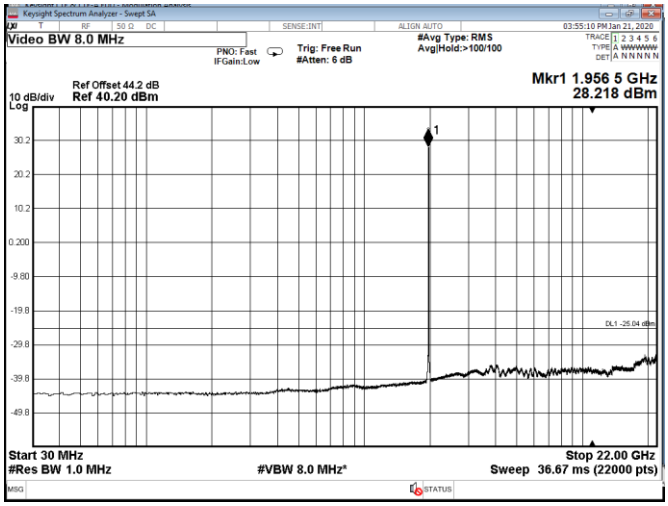


Figure 8.5-14: *Conducted spurious emissions of 15 MHz mid channel, single-carrier operation with IoT*

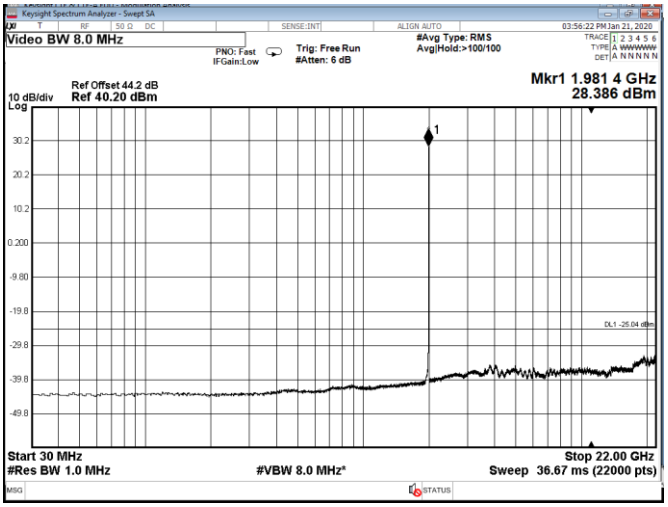


Figure 8.5-15: *Conducted spurious emissions of 15 MHz high channel, single-carrier operation with IoT*

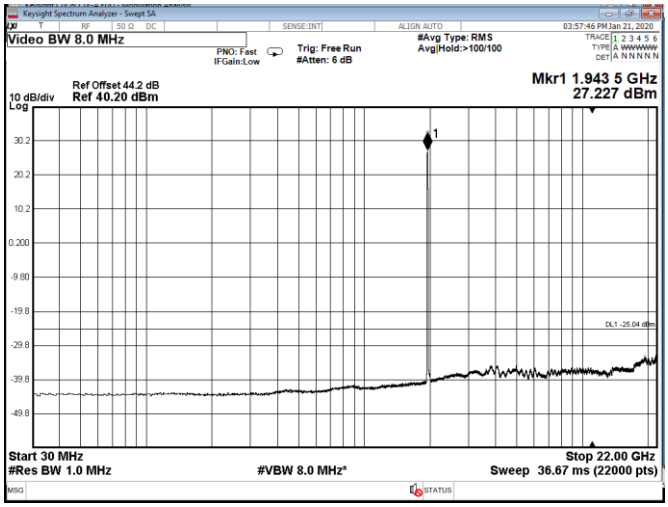


Figure 8.5-16: *Conducted spurious emissions of 20 MHz low channel, single-carrier operation with IoT*

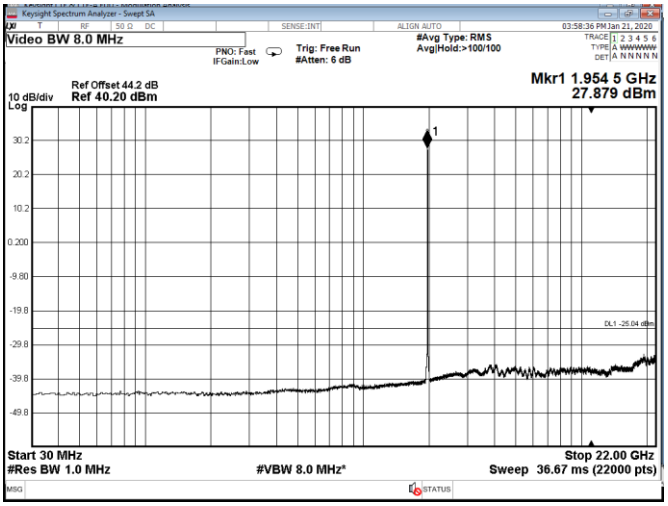


Figure 8.5-17: *Conducted spurious emissions of 20 MHz mid channel, single-carrier operation with IoT*

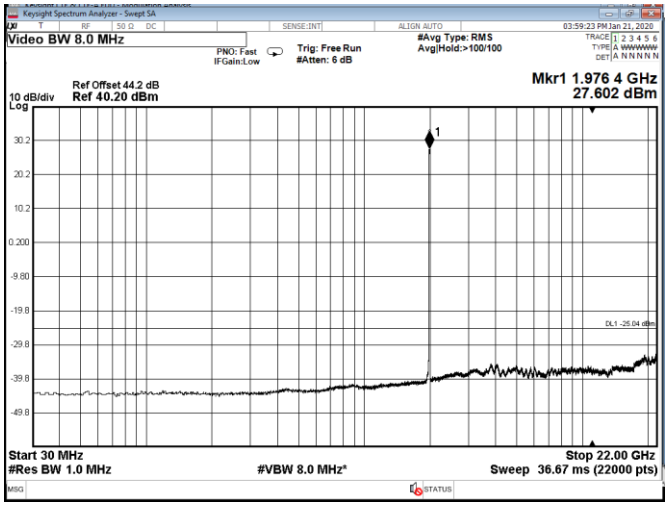


Figure 8.5-18: *Conducted spurious emissions of 20 MHz high channel, single-carrier operation with IoT*

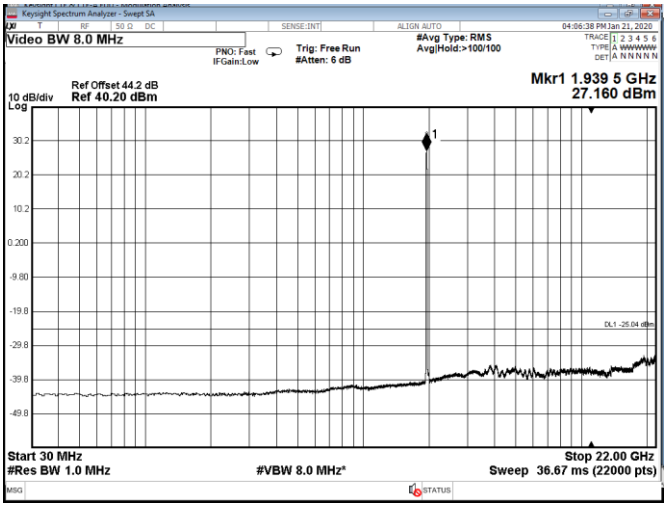


Figure 8.5-19: *Conducted spurious emissions of 10 MHz bottom channels, two-carrier operation with IoT*

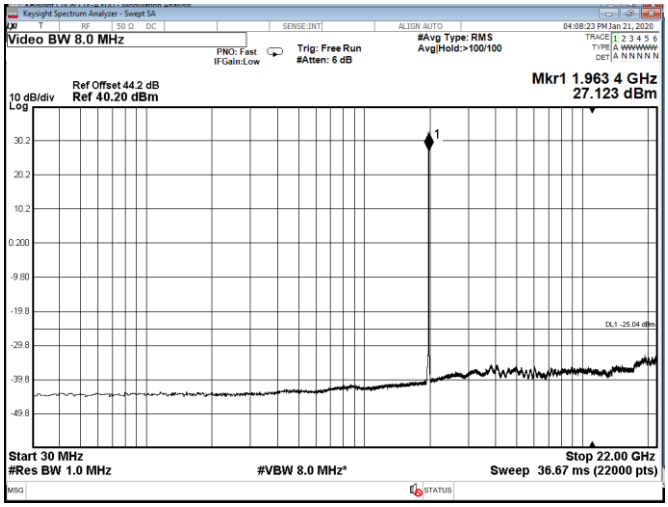


Figure 8.5-20: *Conducted spurious emissions of 10 MHz middle channels, two-carrier operation with IoT*

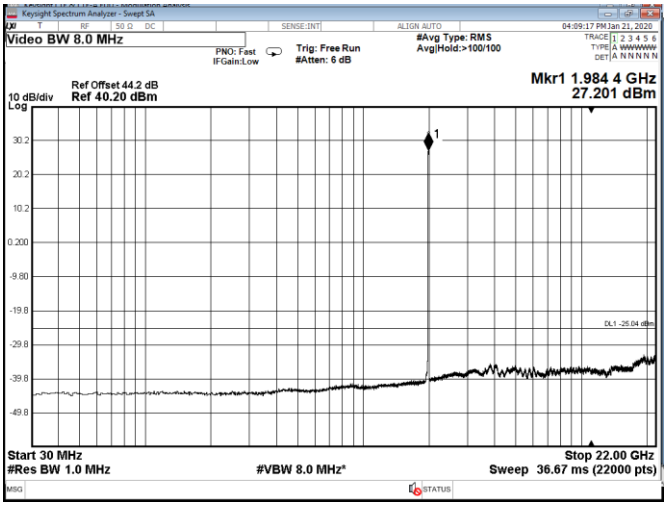


Figure 8.5-21: *Conducted spurious emissions of 10 MHz top channels, two-carrier operation with IoT*

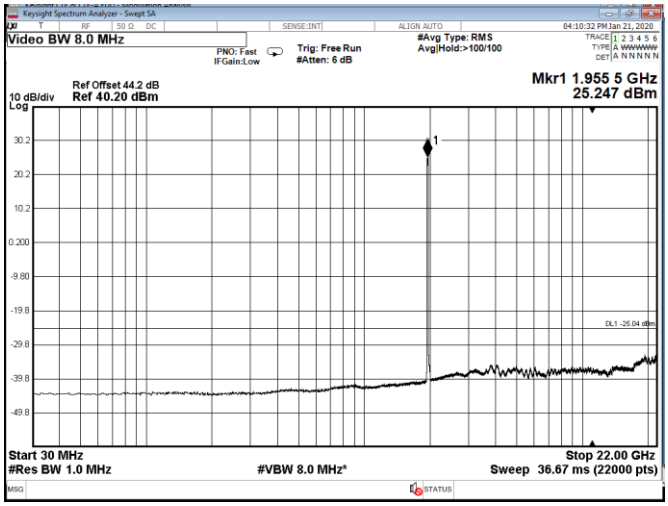


Figure 8.5-22: *Conducted spurious emissions of 10 MHz bottom channels, two-carrier operation with IoT*

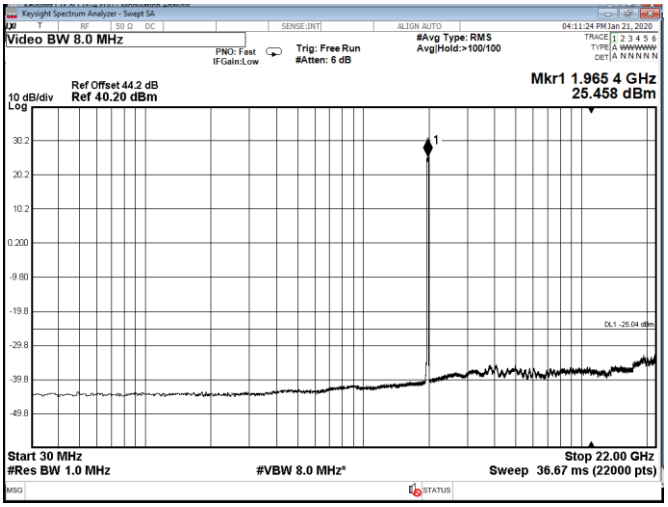


Figure 8.5-23: *Conducted spurious emissions of 10 MHz middle channels, two-carrier operation with IoT*

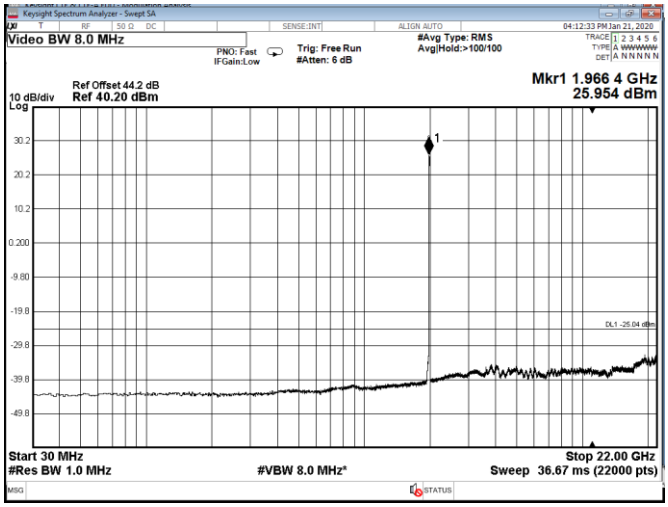


Figure 8.5-24: *Conducted spurious emissions of 10 MHz top channels, two-carrier operation with IoT*

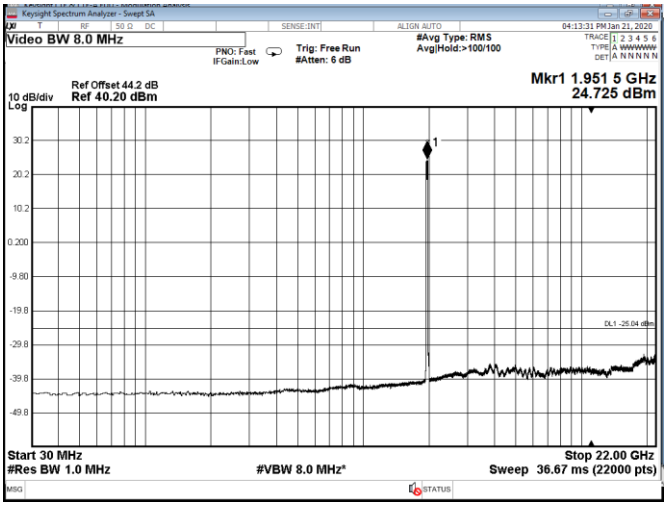


Figure 8.5-25: *Conducted spurious emissions of 10 MHz bottom channels, two-carrier operation with IoT*

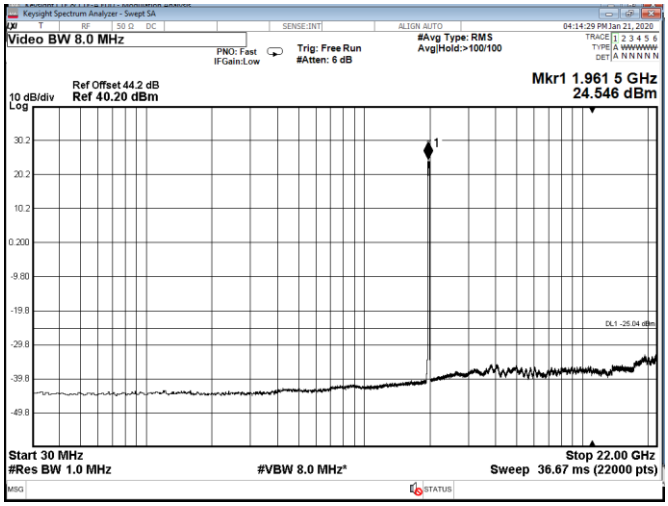


Figure 8.5-26: *Conducted spurious emissions of 10 MHz middle channels, two-carrier operation with IoT*

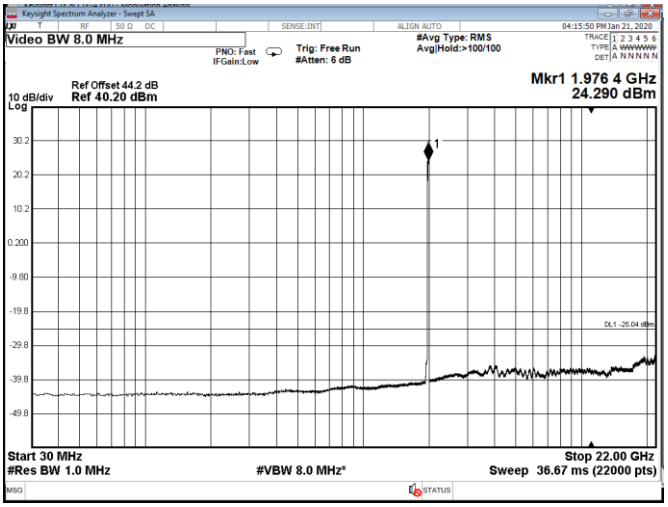


Figure 8.5-27: *Conducted spurious emissions of 10 MHz top channels, two-carrier operation with IoT*

On the plots below the measured "Channel power" value must be lower, than –25.04 dBm

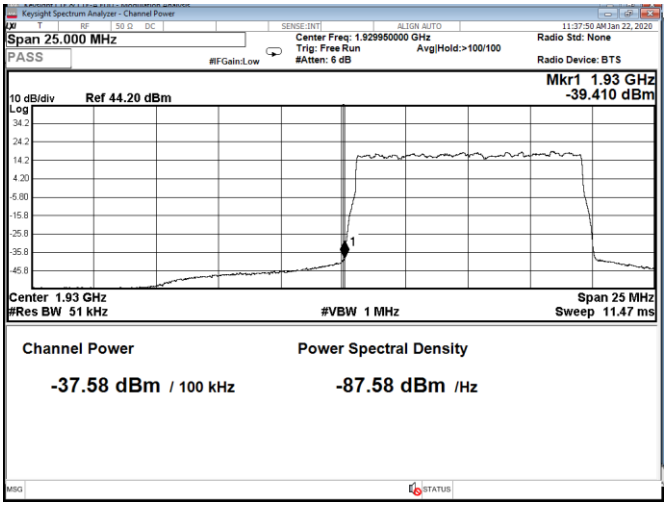


Figure 8.5-28: *Conducted band edge emission at 1930 MHz, 10 MHz single carrier operation (RBW = 1% of EBW)*

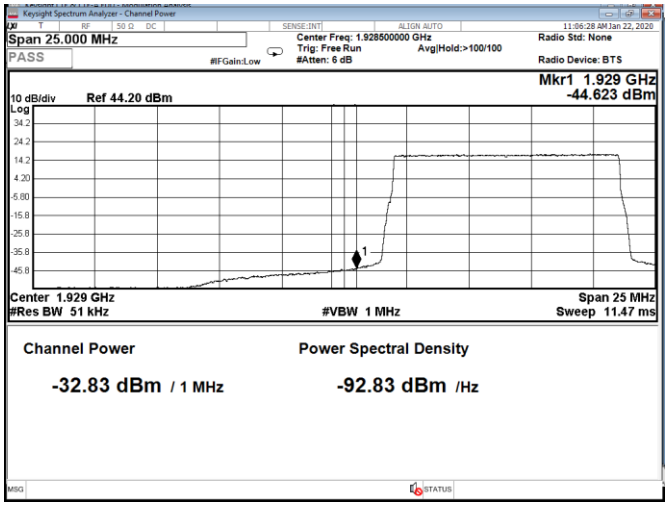


Figure 8.5-29: *Conducted band edge emission at 1929 MHz, 10 MHz single carrier operation (RBW = 1 MHz)*

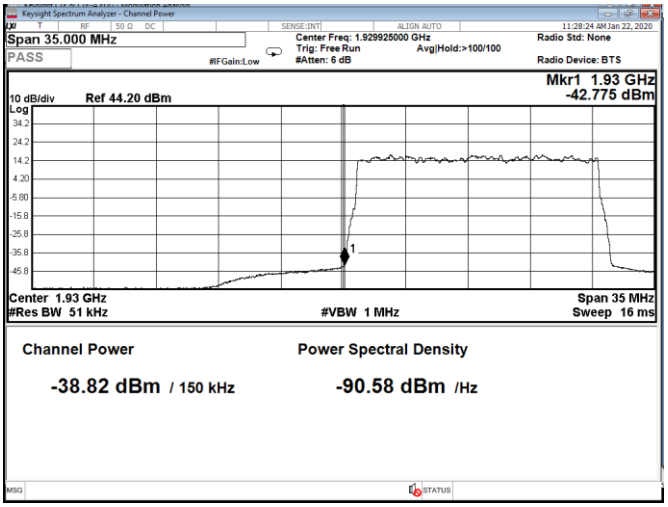


Figure 8.5-30: *Conducted band edge emission at 1930 MHz, 15 MHz single carrier operation (RBW = 1% of EBW)*

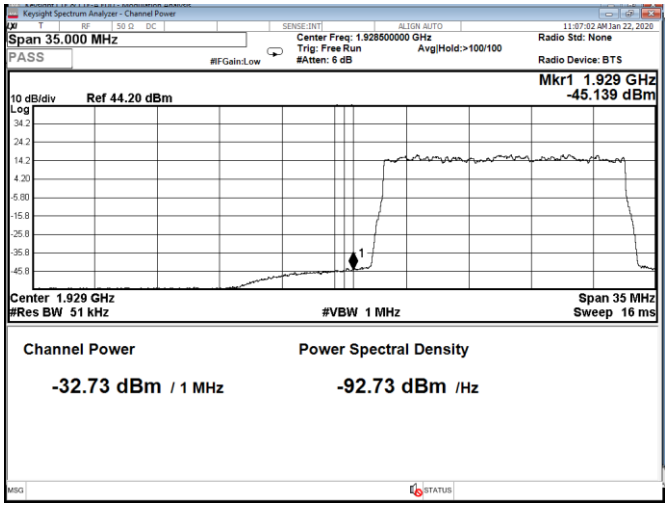


Figure 8.5-31: *Conducted band edge emission at 1929 MHz, 15 MHz single carrier operation (RBW = 1 MHz)*

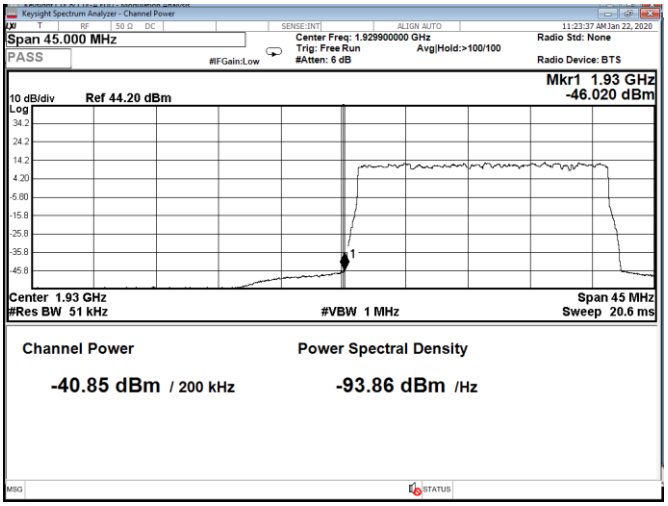


Figure 8.5-32: *Conducted band edge emission at 1930 MHz, 20 MHz single carrier operation (RBW = 1% of EBW)*

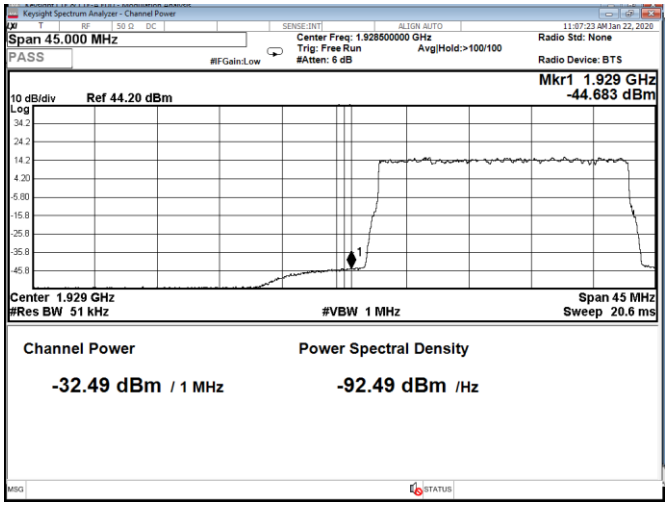


Figure 8.5-33: *Conducted band edge emission at 1929 MHz, 20 MHz single carrier operation (RBW = 1 MHz)*

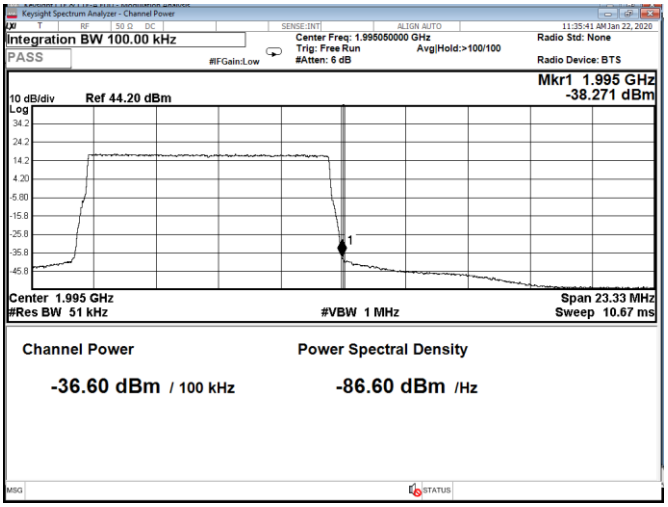


Figure 8.5-34: *Conducted band edge emission at 1995 MHz, 10 MHz single carrier operation (RBW = 1% of EBW)*

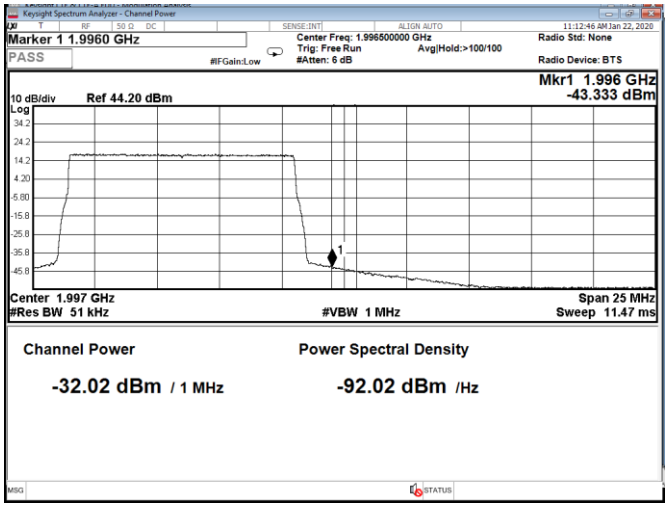


Figure 8.5-35: *Conducted band edge emission at 1996 MHz, 10 MHz single carrier operation (RBW = 1 MHz)*

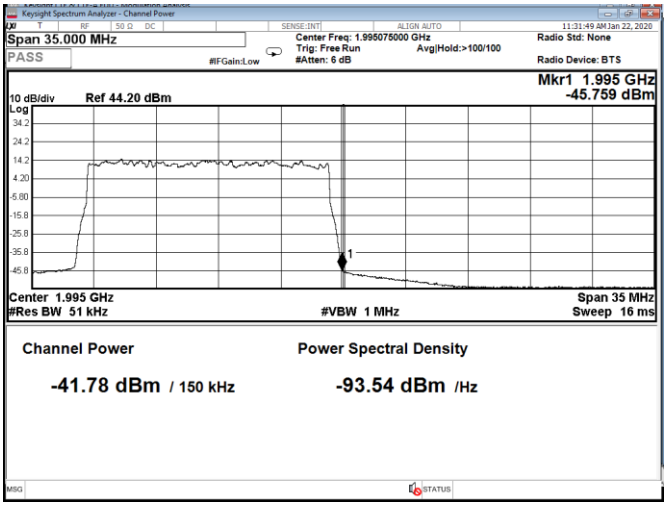


Figure 8.5-36: *Conducted band edge emission at 1995 MHz, 15 MHz single carrier operation (RBW = 1% of EBW)*

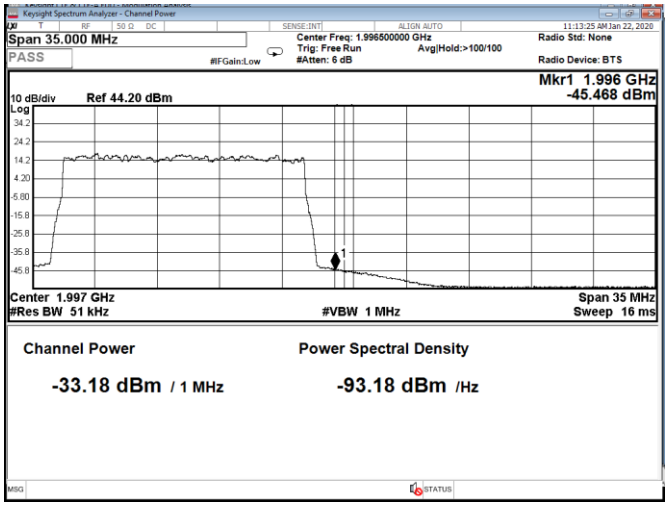


Figure 8.5-37: *Conducted band edge emission at 1996 MHz, 15 MHz single carrier operation (RBW = 1 MHz)*

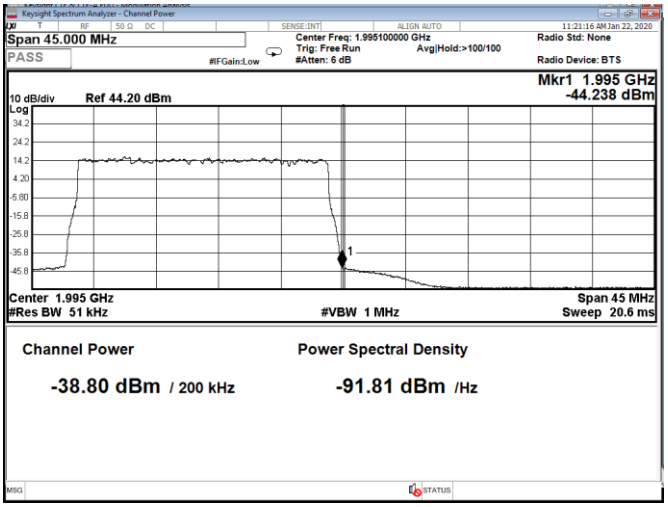


Figure 8.5-38: *Conducted band edge emission at 1995 MHz, 20 MHz single carrier operation (RBW = 1% of EBW)*

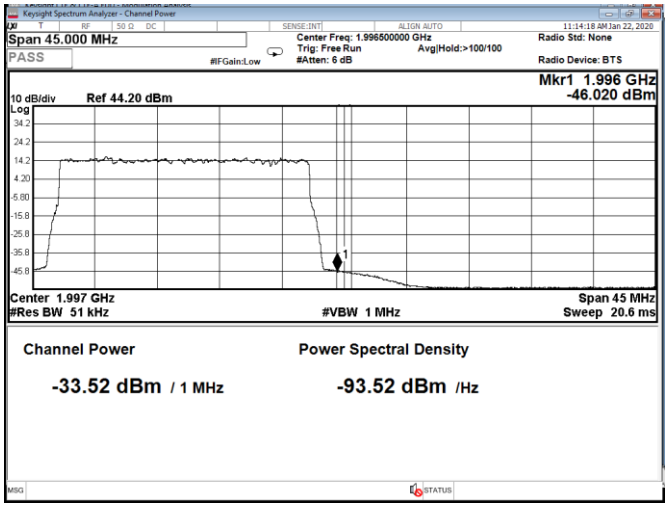


Figure 8.5-39: *Conducted band edge emission at 1996 MHz, 20 MHz single carrier operation (RBW = 1 MHz)*

On the plots below the measured "Channel power" value must be lower, than –25.04 dBm

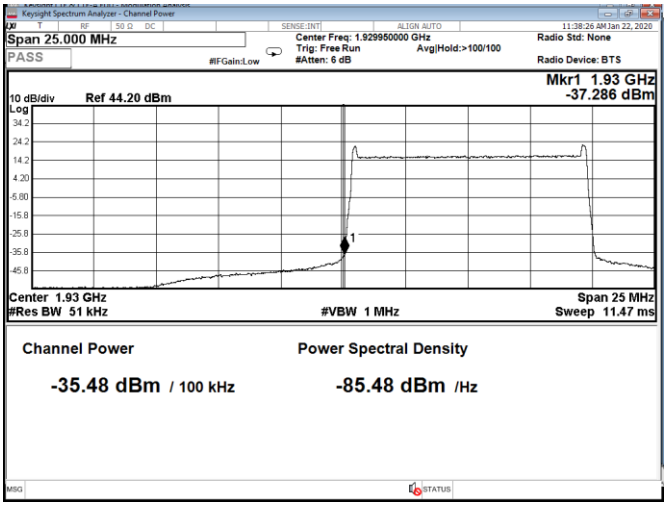


Figure 8.5-40: *Conducted band edge emission at 1930 MHz, 10 MHz single carrier operation with IoT (RBW = 1% of EBW)*

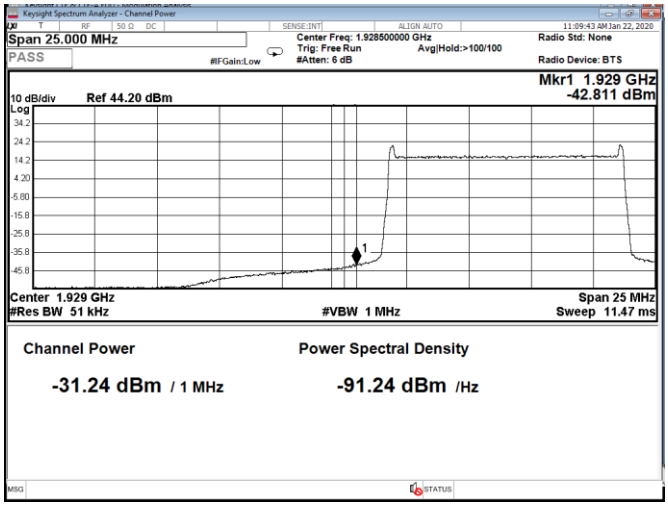


Figure 8.5-41: *Conducted band edge emission at 1929 MHz, 10 MHz single carrier operation with IoT (RBW = 1 MHz)*

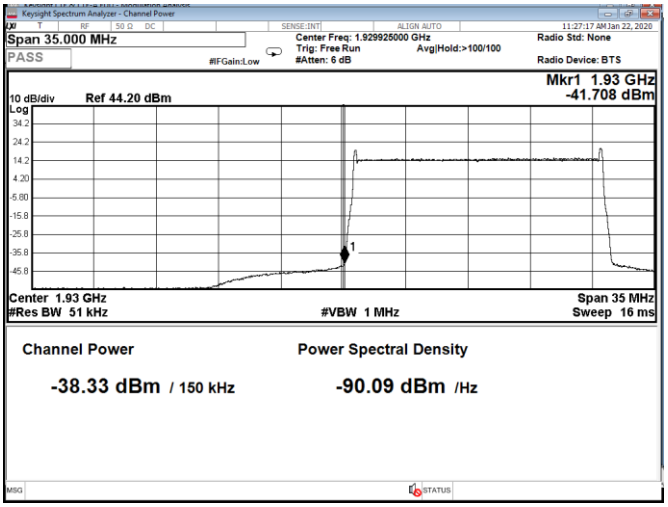


Figure 8.5-42: *Conducted band edge emission at 1930 MHz, 15 MHz single carrier operation with IoT (RBW = 1% of EBW)*

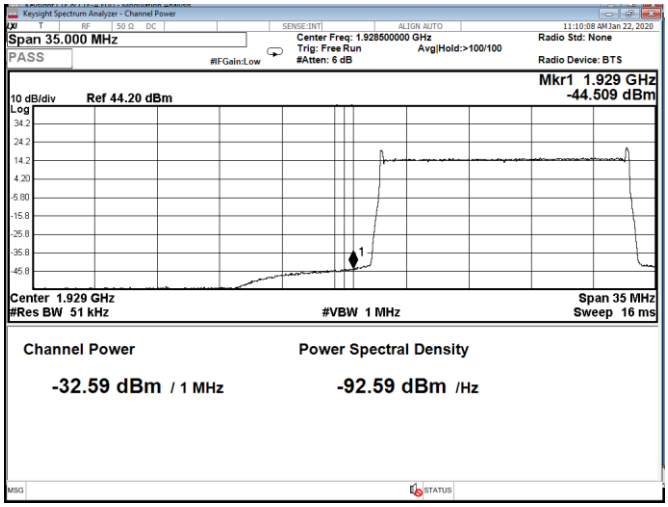


Figure 8.5-43: *Conducted band edge emission at 1929 MHz, 15 MHz single carrier operation with IoT (RBW = 1 MHz)*

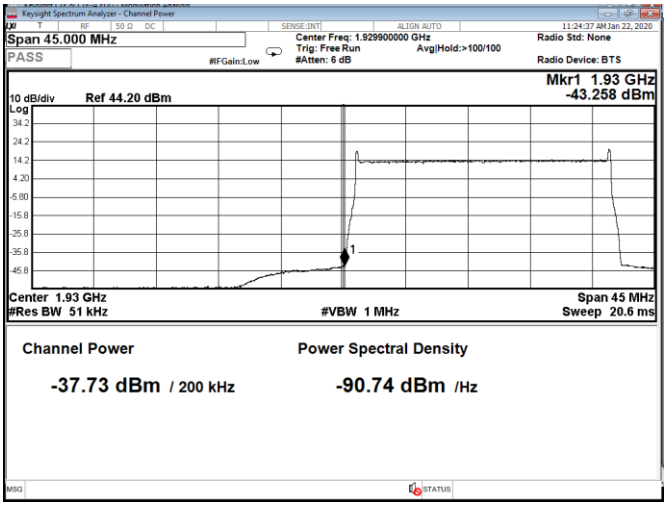


Figure 8.5-44: *Conducted band edge emission at 1930 MHz, 20 MHz single carrier operation with IoT (RBW = 1% of EBW)*

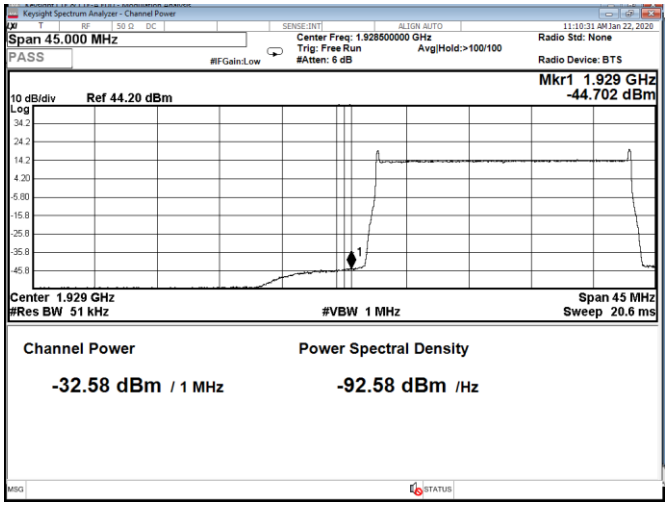


Figure 8.5-45: *Conducted band edge emission at 1929 MHz, 20 MHz single carrier operation with IoT (RBW = 1 MHz)*

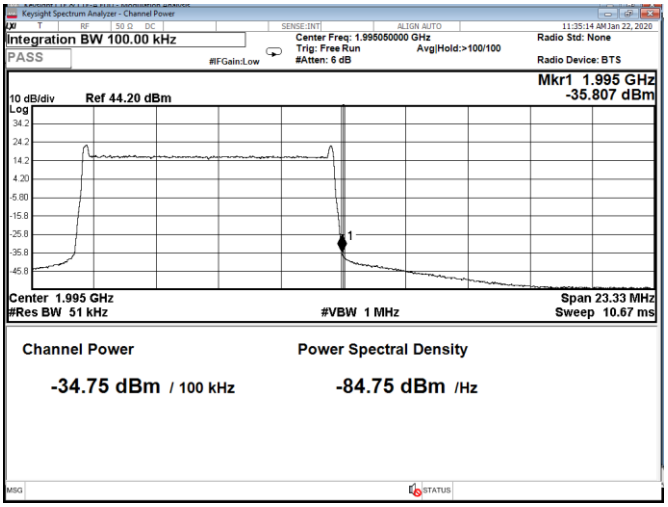


Figure 8.5-46: *Conducted band edge emission at 1995 MHz, 10 MHz single carrier operation with IoT (RBW = 1% of EBW)*

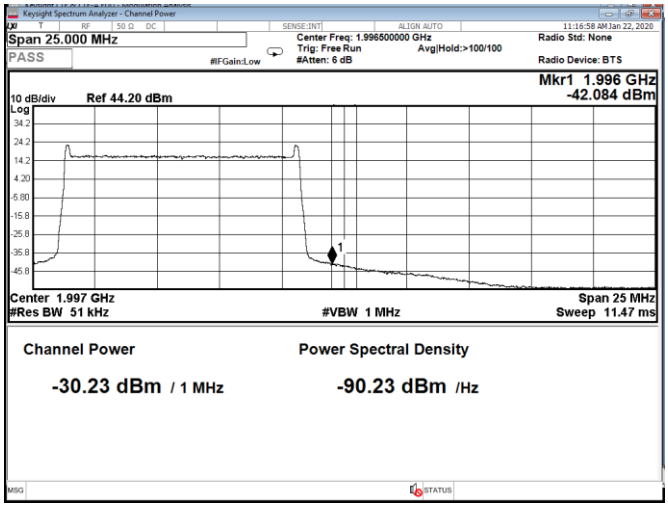


Figure 8.5-47: *Conducted band edge emission at 1996 MHz, 10 MHz single carrier operation with IoT (RBW = 1 MHz)*

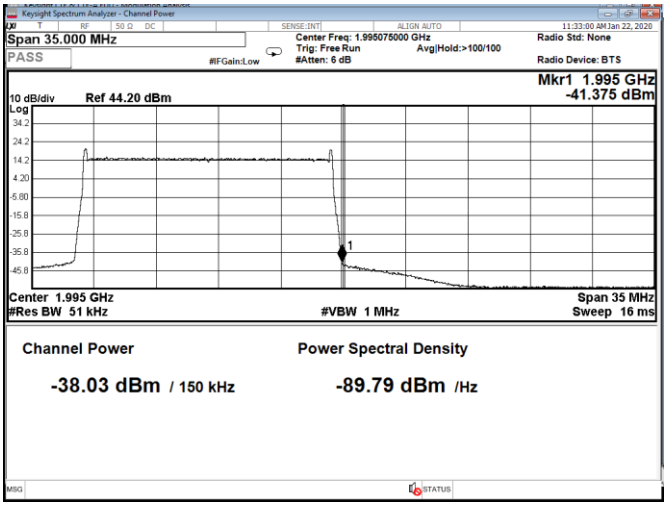


Figure 8.5-48: *Conducted band edge emission at 1995 MHz, 15 MHz single carrier operation with IoT (RBW = 1% of EBW)*

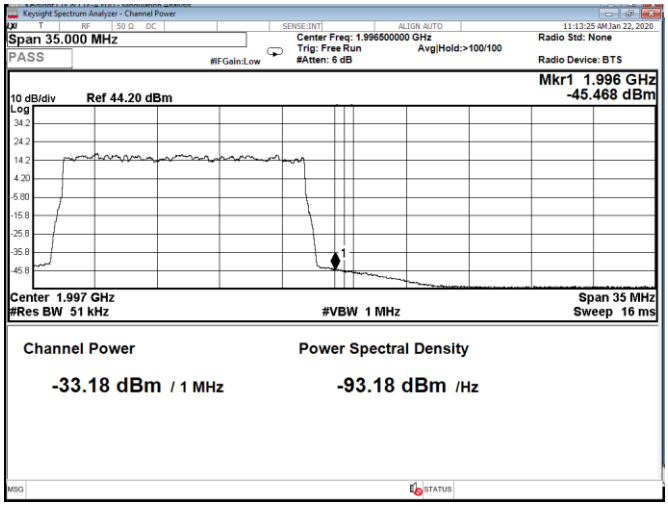


Figure 8.5-49: *Conducted band edge emission at 1996 MHz, 15 MHz single carrier operation with IoT (RBW = 1 MHz)*

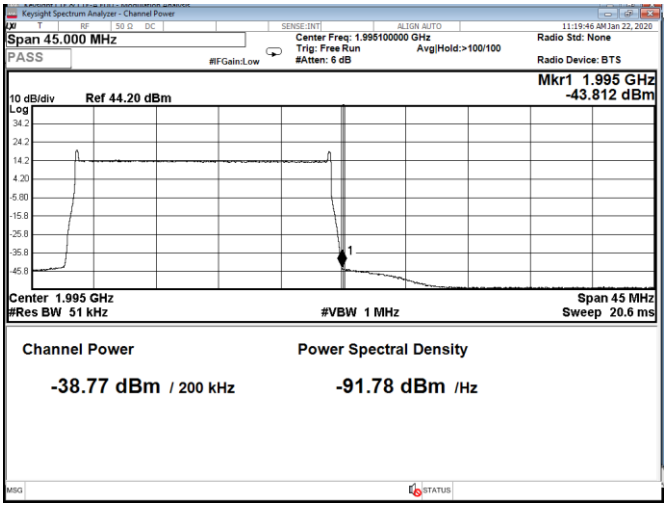


Figure 8.5-50: *Conducted band edge emission at 1995 MHz, 20 MHz single carrier operation with IoT (RBW = 1% of EBW)*

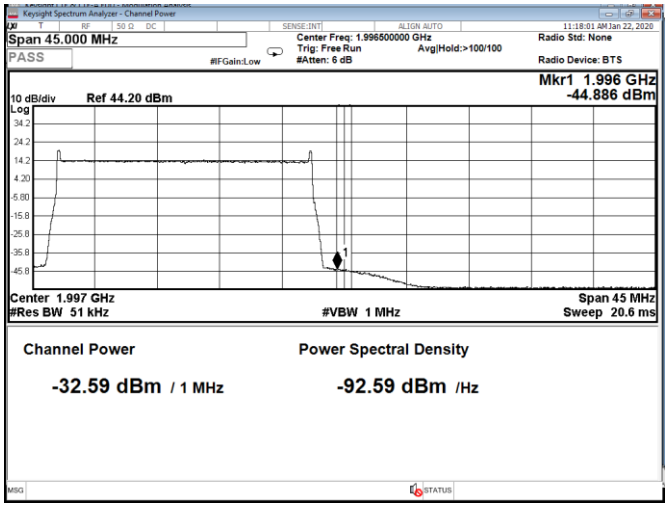


Figure 8.5-51: *Conducted band edge emission at 1996 MHz, 20 MHz single carrier operation with IoT (RBW = 1 MHz)*

On the plots below the measured "Channel power" value must be lower, than −25.04 dBm

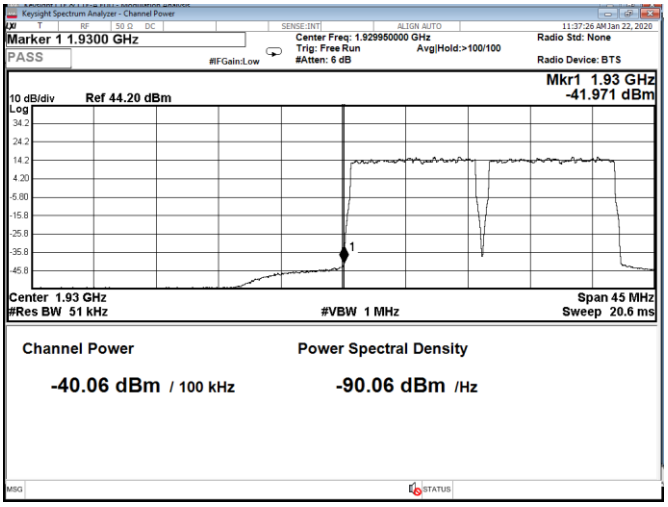


Figure 8.5-52: *Conducted band edge emission at 1930 MHz, 10 MHz two-carrier operation (RBW = 1% of EBW)*

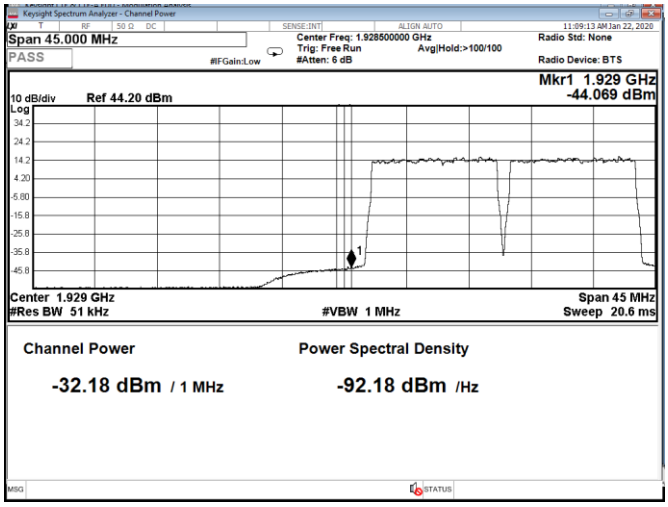


Figure 8.5-53: *Conducted band edge emission at 1929 MHz, 10 MHz two-carrier operation (RBW = 1 MHz)*

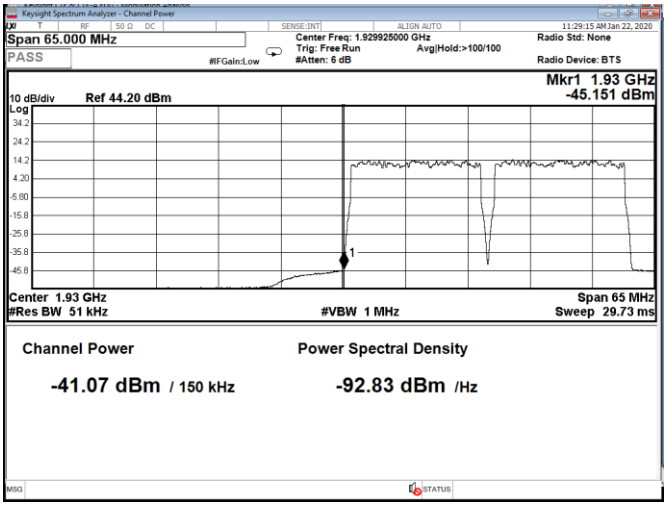


Figure 8.5-54: *Conducted band edge emission at 1930 MHz, 15 MHz two-carrier operation (RBW = 1% of EBW)*

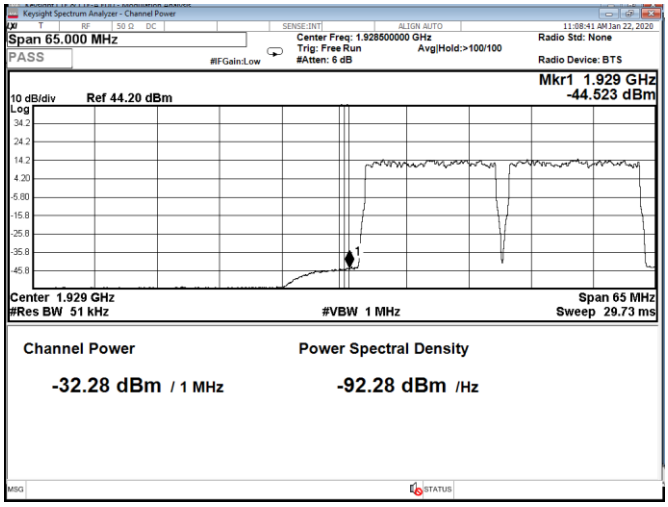


Figure 8.5-55: *Conducted band edge emission at 1929 MHz, 15 MHz two-carrier operation (RBW = 1 MHz)*

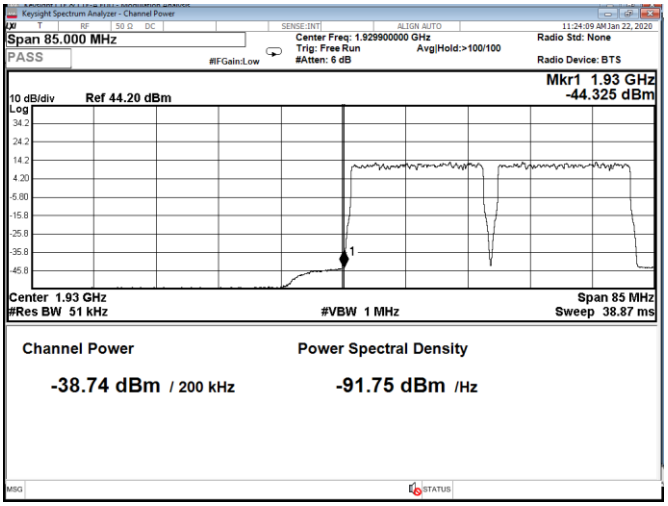


Figure 8.5-56: *Conducted band edge emission at 1930 MHz, 20 MHz two-carrier operation (RBW = 1% of EBW)*

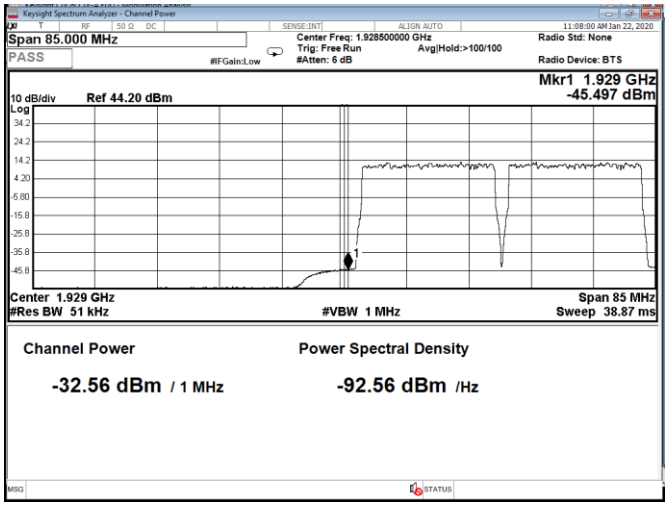


Figure 8.5-57: *Conducted band edge emission at 1929 MHz, 20 MHz two-carrier operation (RBW = 1 MHz)*

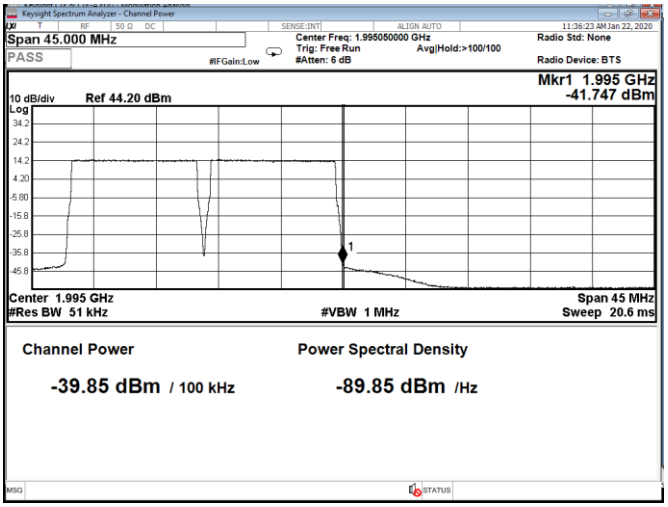


Figure 8.5-58: *Conducted band edge emission at 1995 MHz, 10 MHz two-carrier operation (RBW = 1% of EBW)*

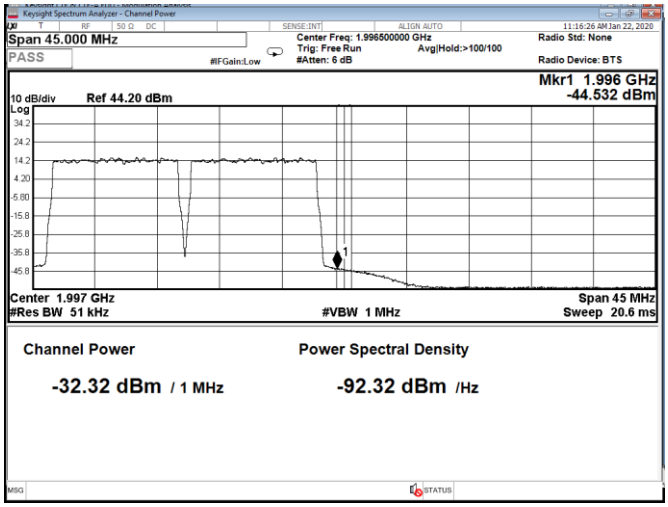


Figure 8.5-59: *Conducted band edge emission at 1996 MHz, 10 MHz two-carrier operation (RBW = 1 MHz)*

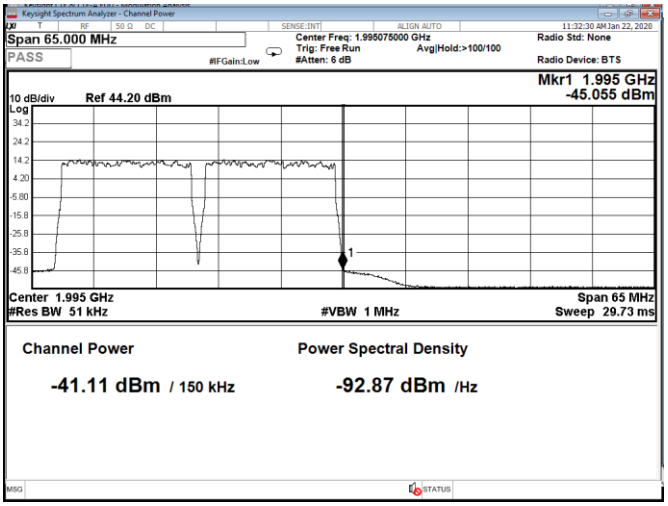


Figure 8.5-60: *Conducted band edge emission at 1995 MHz, 15 MHz two-carrier operation (RBW = 1% of EBW)*

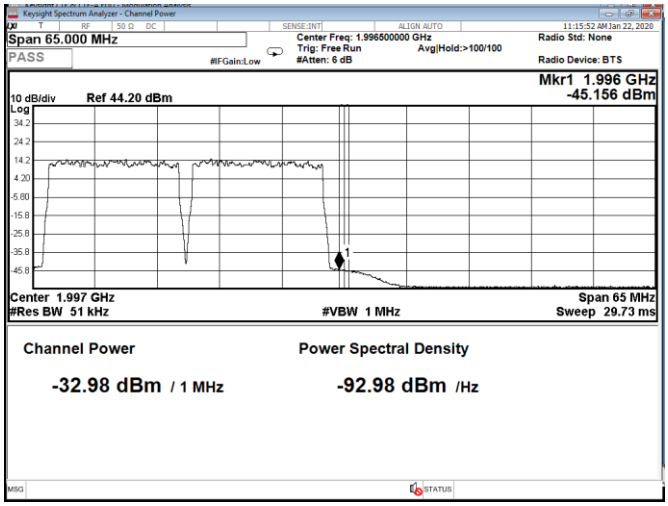


Figure 8.5-61: *Conducted band edge emission at 1996 MHz, 15 MHz two-carrier operation (RBW = 1 MHz)*

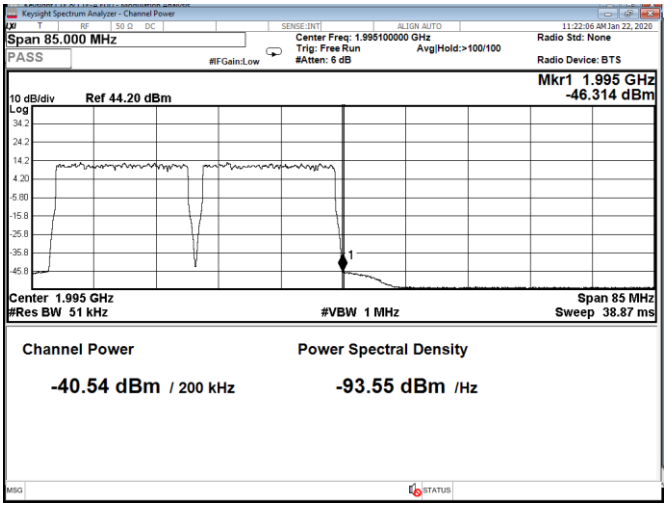


Figure 8.5-62: *Conducted band edge emission at 1995 MHz, 20 MHz two-carrier operation (RBW = 1% of EBW)*

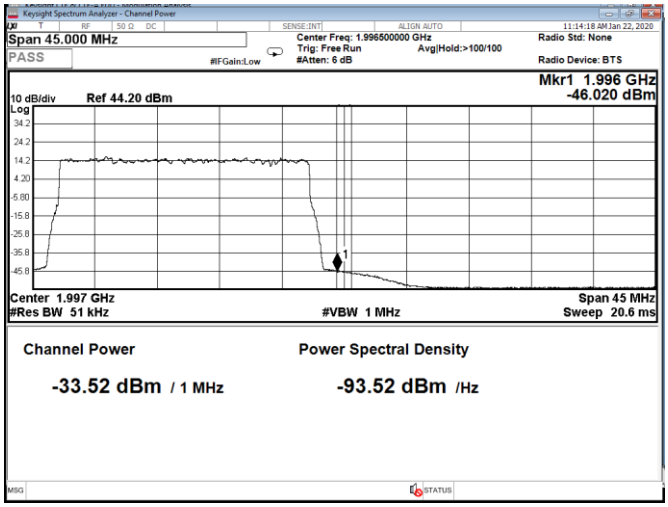


Figure 8.5-63: *Conducted band edge emission at 1996 MHz, 20 MHz two-carrier operation (RBW = 1 MHz)*

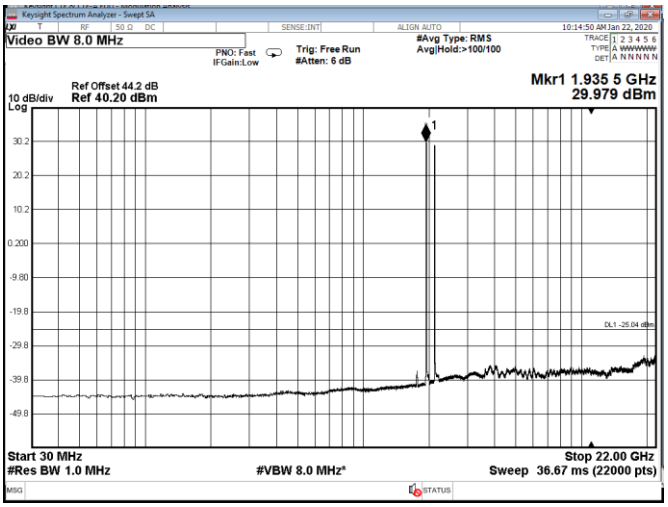


Figure 8.5-64: *Conducted spurious emissions for dual band simultaneous transmission with 10 MHz low channel single-carrier (per band) operation*

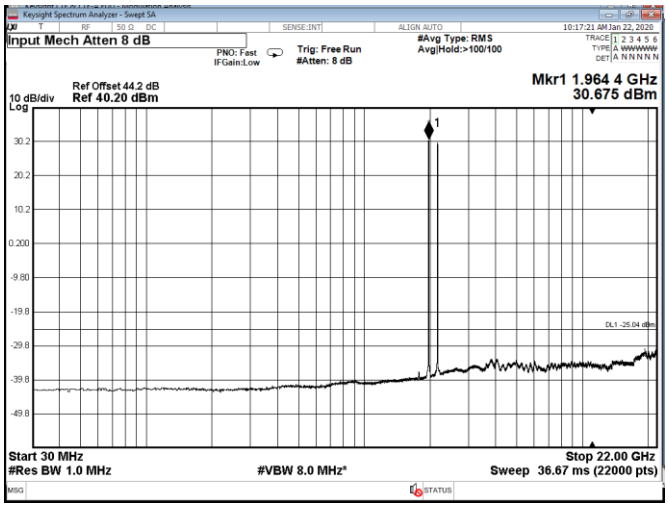


Figure 8.5-65: *Conducted spurious emissions for dual band simultaneous transmission with 10 MHz mid channel single-carrier (per band) operation*

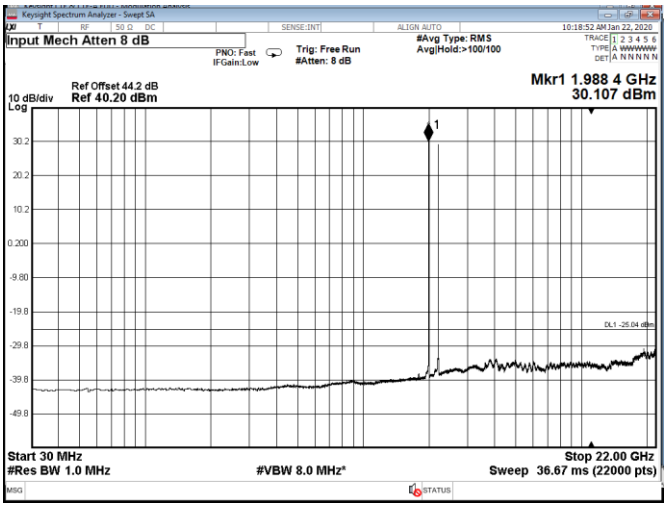


Figure 8.5-66: *Conducted spurious emissions for dual band simultaneous transmission with 10 MHz high channel single-carrier (per band) operation*

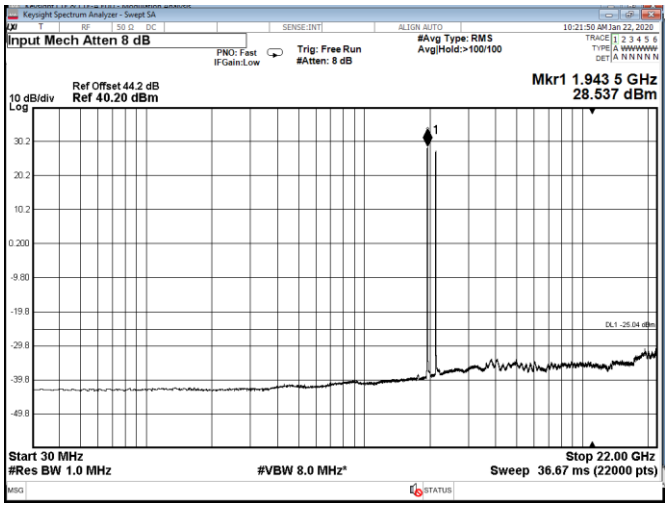


Figure 8.5-67: *Conducted spurious emissions for dual band simultaneous transmission with 15 MHz low channel single-carrier (per band) operation*

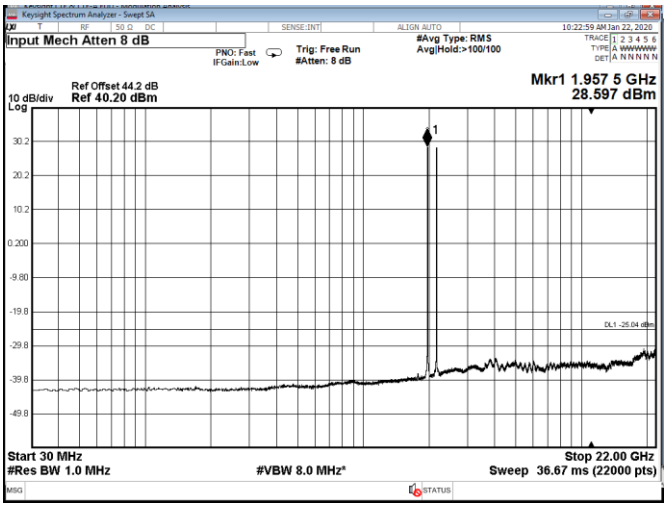


Figure 8.5-68: *Conducted spurious emissions for dual band simultaneous transmission with 15 MHz mid channel single-carrier (per band) operation*

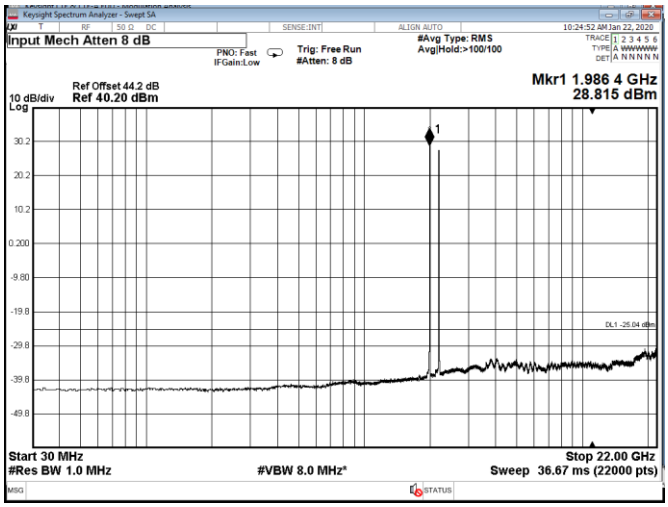


Figure 8.5-69: *Conducted spurious emissions for dual band simultaneous transmission with 15 MHz high channel single-carrier (per band) operation*

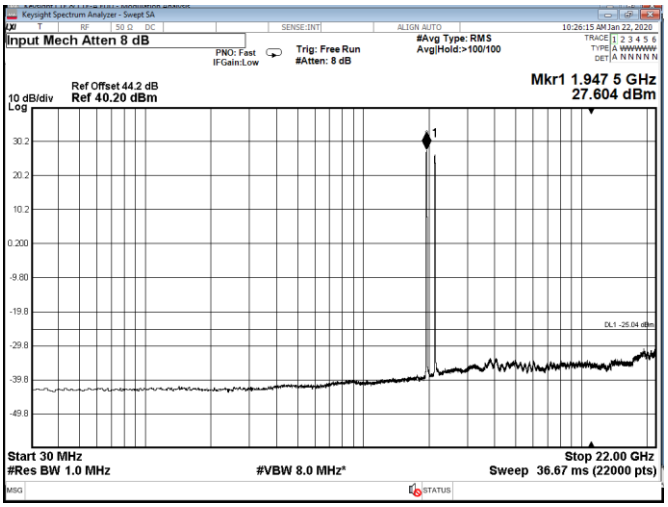


Figure 8.5-70: *Conducted spurious emissions for dual band simultaneous transmission with 20 MHz low channel single-carrier (per band) operation*

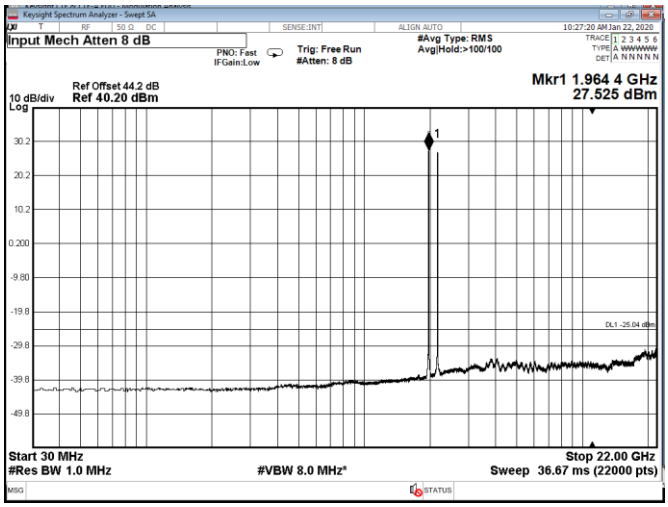


Figure 8.5-71: *Conducted spurious emissions for dual band simultaneous transmission with 20 MHz mid channel single-carrier (per band) operation*

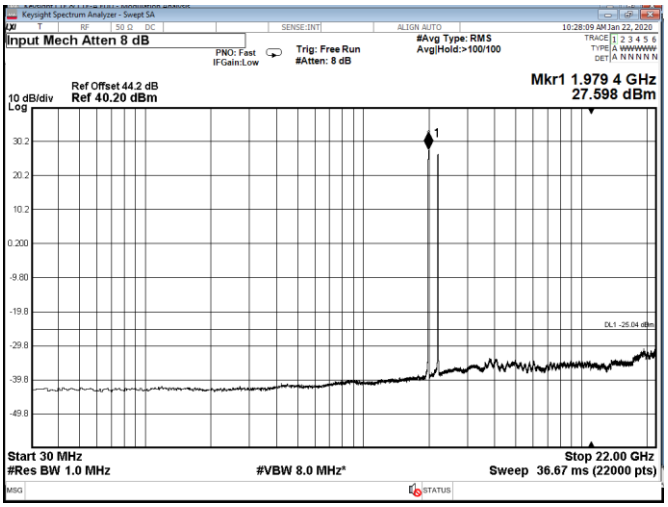


Figure 8.5-72: *Conducted spurious emissions for dual band simultaneous transmission with 20 MHz high channel single-carrier (per band) operation*

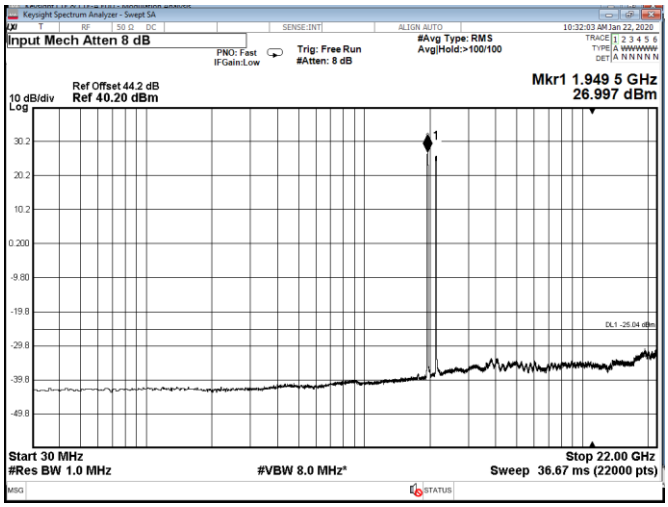


Figure 8.5-73: *Conducted spurious emissions for dual band simultaneous transmission with 10 MHz bottom channels dual-carrier (per band) operation*

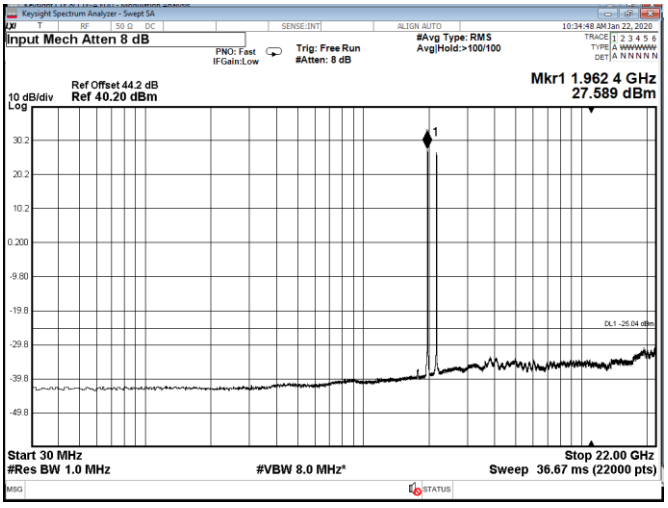


Figure 8.5-74: *Conducted spurious emissions for dual band simultaneous transmission with 10 MHz middle channels dual-carrier (per band) operation*

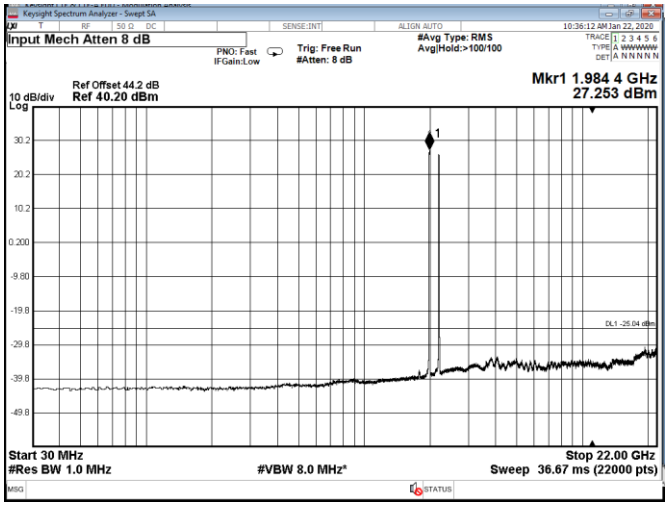


Figure 8.5-75: *Conducted spurious emissions for dual band simultaneous transmission with 10 MHz top channels dual-carrier (per band) operation*

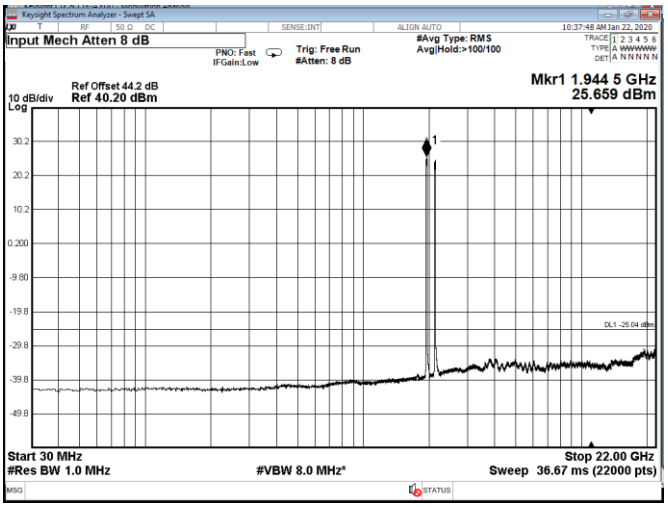


Figure 8.5-76: *Conducted spurious emissions for dual band simultaneous transmission with 15 MHz bottom channels dual-carrier (per band) operation*

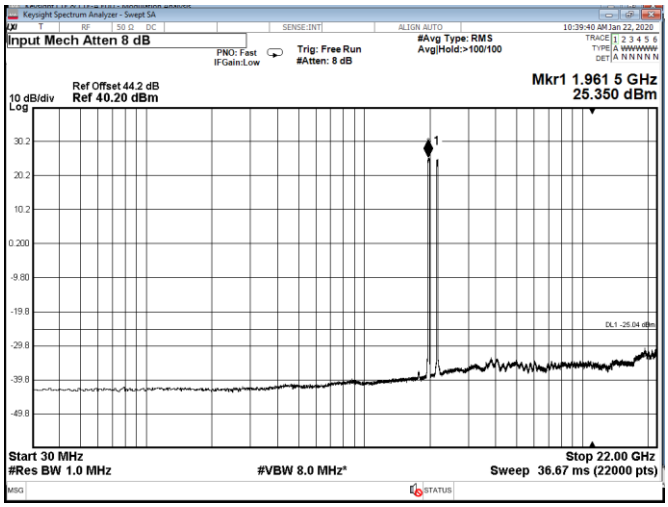


Figure 8.5-77: *Conducted spurious emissions for dual band simultaneous transmission with 15 MHz middle channels dual-carrier (per band) operation*

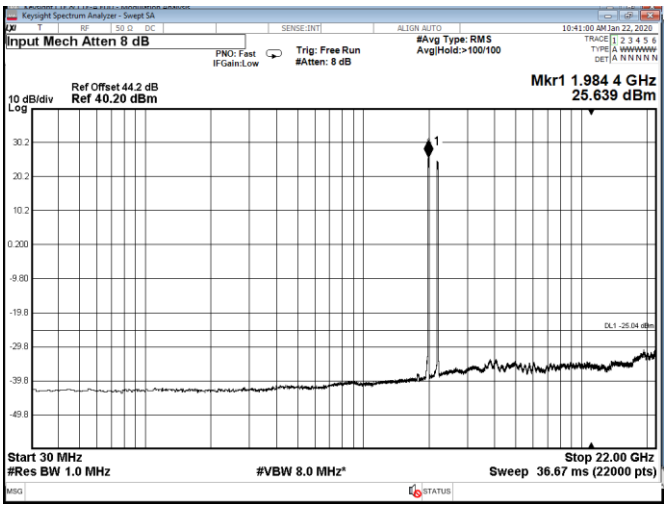


Figure 8.5-78: *Conducted spurious emissions for dual band simultaneous transmission with 15 MHz top channels dual-carrier (per band) operation*

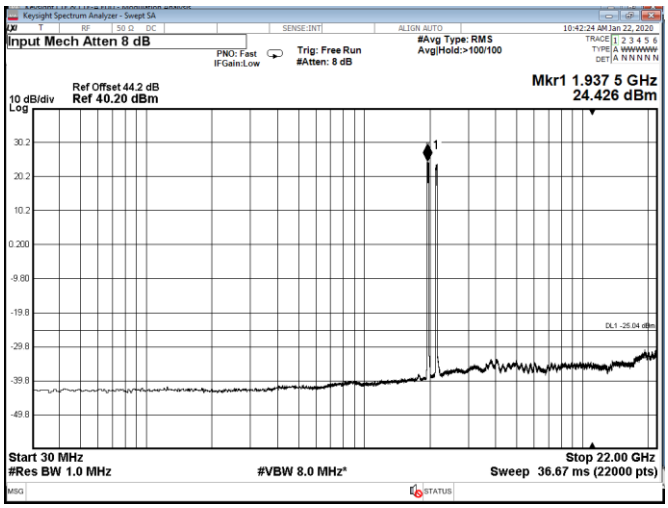


Figure 8.5-79: *Conducted spurious emissions for dual band simultaneous transmission with 20 MHz bottom channels dual-carrier (per band) operation*

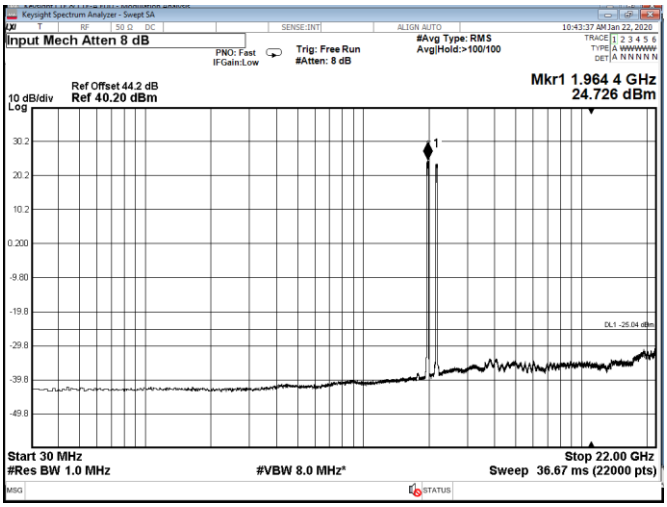


Figure 8.5-80: *Conducted spurious emissions for dual band simultaneous transmission with 20 MHz middle channels dual-carrier (per band) operation*

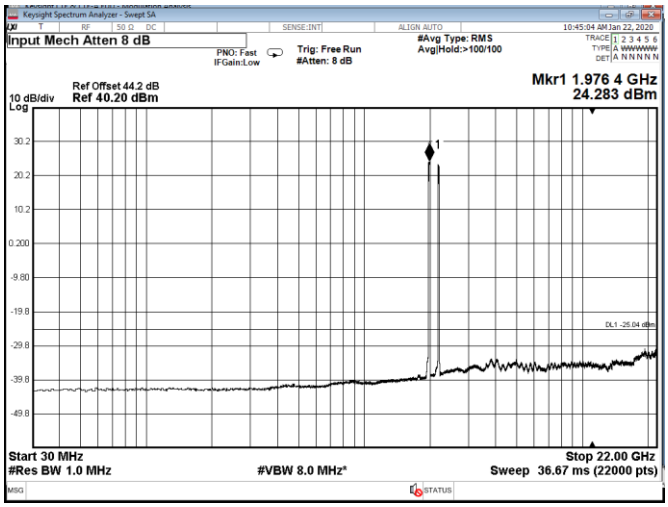


Figure 8.5-81: *Conducted spurious emissions for dual band simultaneous transmission with 20 MHz top channels dual-carrier (per band) operation*

8.6 FCC Part 2.1049 and RSS-Gen, 6.7 Occupied bandwidth (Band 66)

8.6.1 Definitions and limits

FCC:
The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

RSS-Gen, 6.7
The occupied bandwidth or the "99% emission bandwidth" is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

8.6.2 Test summary

Test date	January 21, 2020
Test engineer	Andrey Adelberg

8.6.3 Observations, settings and special notes

Testing was performed per ANSI C63.26 Paragraphs 5.4.3 and 5.4.4 methods.
Spectrum analyzer settings:

Detector mode	Peak
Resolution bandwidth	≥1 % of span
Video bandwidth	RBW × 3
Trace mode	Max Hold

8.6.4 Test data

Table 8.6-1: *Occupied bandwidth results for Port* ***021***

Remarks	Frequency, MHz	99% OBW, MHz	26 dB BW, MHz
QPSK, 10 MHz, Low channel	2115.0	9.58	8.926
16QAM, 10 MHz, Low channel	2115.0	9.56	8.962
64QAM, 10 MHz, Low channel	2115.0	9.58	8.966
256QAM, 10 MHz, Low channel	2115.0	9.55	8.946
16QAM, 10 MHz, Mid channel	2155.0	9.56	8.966
16QAM, 10 MHz, High channel	2195.0	9.52	8.942
QPSK, 15 MHz, Low channel	2117.5	14.29	13.417
16QAM, 15 MHz, Low channel	2117.5	14.21	13.424
64QAM, 15 MHz, Low channel	2117.5	14.33	13.413
256QAM, 15 MHz, Low channel	2117.5	14.17	13.405
16QAM, 15 MHz, Mid channel	2155.0	14.10	13.415
16QAM, 15 MHz, High channel	2192.5	14.11	13.409
QPSK, 20 MHz, Low channel	2120.0	19.00	17.839
16QAM, 20 MHz, Low channel	2120.0	19.02	17.883
64QAM, 20 MHz, Low channel	2120.0	19.07	17.862
256QAM, 20 MHz, Low channel	2120.0	19.09	17.895
16QAM, 20 MHz, Mid channel	2155.0	19.07	17.907
16QAM, 20 MHz, High channel	2190.0	18.83	17.816

Table 8.6-2: *Occupied bandwidth LTE + IoT results for Port* ***021***

Remarks	Frequency, MHz	99% OBW, MHz	26 dB BW, MHz
10 MHz low channel with 2 × GB IoT	2115.0	9.71	9.383
10 MHz mid channel with 2 × GB IoT	2155.0	9.71	9.378
10 MHz high channel with 2 × GB IoT	2195.0	9.68	9.378
15 MHz low channel with 2 × GB IoT	2117.5	14.41	13.960
15 MHz mid channel with 2 × GB IoT	2155.0	14.42	13.966
15 MHz high channel with 2 × GB IoT	2192.5	14.41	13.967
20 MHz low channel with 2 × GB IoT	2120.0	19.18	18.440
20 MHz mid channel with 2 × GB IoT	2155.0	19.23	18.439
20 MHz high channel with 2 × GB IoT	2190.0	19.16	18.448

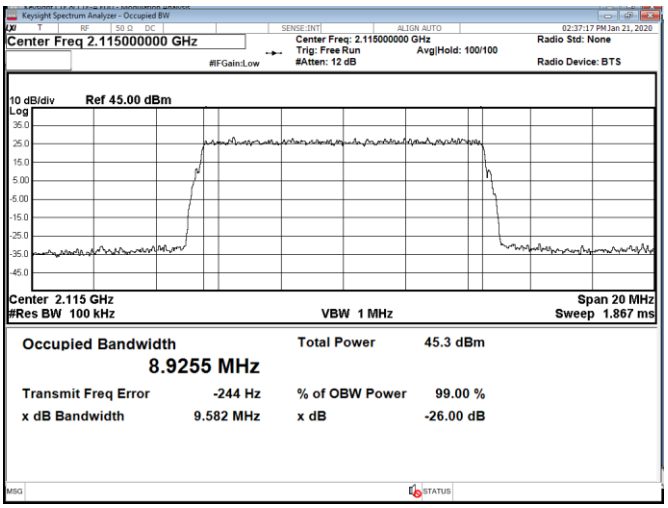


Figure 8.6-1: *Occupied bandwidth for 10 MHz channel, sample plot*

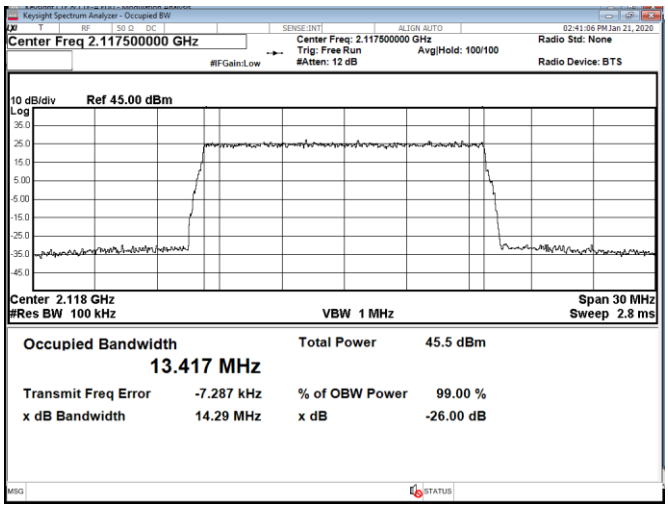


Figure 8.6-2: *Occupied bandwidth for 15 MHz channel, sample plot*

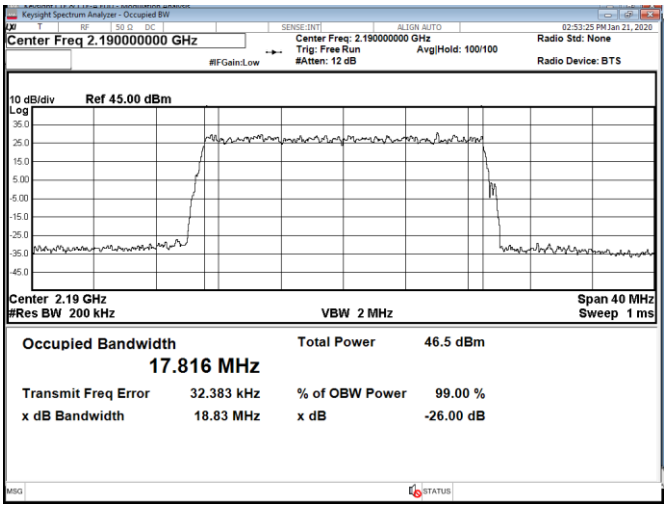


Figure 8.6-3: *Occupied bandwidth for 20 MHz channel, sample plot*

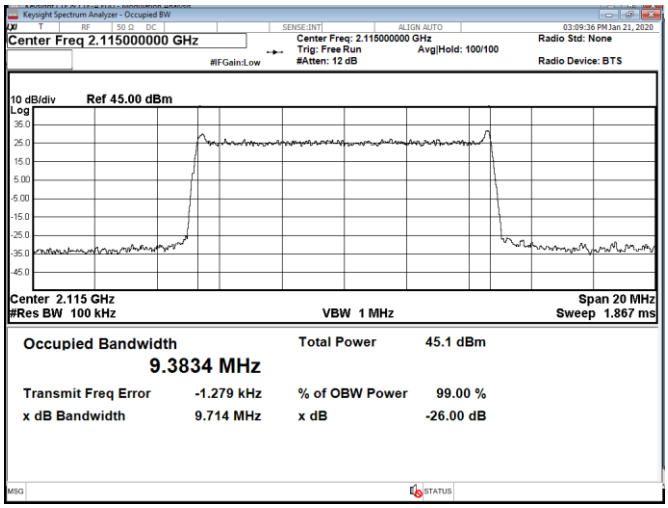


Figure 8.6-4: *Occupied bandwidth for 10 MHz channel LTE + IoT, sample plot*

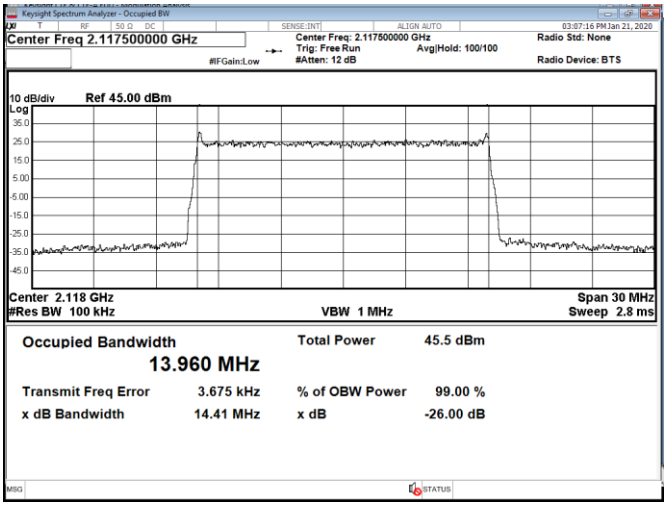


Figure 8.6-5: *Occupied bandwidth for 15 MHz channel LTE + IoT, sample plot*

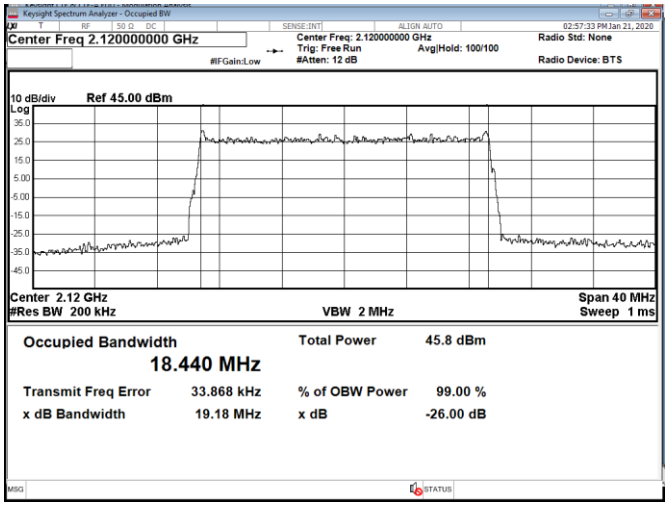


Figure 8.6-6: *Occupied bandwidth for 20 MHz channel LTE + IoT, sample plot*

8.7 FCC Part 2.1049 and RSS-Gen, 6.7 Occupied bandwidth (Band 2/25a)

8.7.1 Definitions and limits

FCC:
The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

RSS-Gen, 6.7
The occupied bandwidth or the "99% emission bandwidth" is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

8.7.2 Test summary

Test date	January 21, 2020
Test engineer	Andrey Adelberg

8.7.3 Observations, settings and special notes

Testing was performed per ANSI C63.26 Paragraphs 5.4.3 and 5.4.4 methods.
Spectrum analyzer settings:

Detector mode	Peak
Resolution bandwidth	≥1 % of span
Video bandwidth	RBW × 3
Trace mode	Max Hold

8.7.4 Test data

Table 8.7-1: *Occupied bandwidth results for Port* ***021***

Remarks	Frequency, MHz	99% OBW, MHz	26 dB BW, MHz
10 MHz, QPSK, low channel	1935.0	9.65	8.969
10 MHz, 16QAM, low channel	1935.0	9.61	8.970
10 MHz, 64QAM, low channel	1935.0	9.59	8.957
10 MHz, 256QAM, low channel	1935.0	9.49	8.962
10 MHz, QPSK, mid channel	1962.5	9.53	8.939
10 MHz, QPSK, high channel	1990.0	9.61	8.946
15 MHz, QPSK, low channel	1937.5	14.29	13.421
15 MHz, 16QAM, low channel	1937.5	14.30	13.413
15 MHz, 64QAM, low channel	1937.5	14.12	13.403
15 MHz, 256QAM, low channel	1937.5	14.18	13.404
15 MHz, 16QAM, mid channel	1962.5	14.19	13.415
15 MHz, 16QAM, high channel	1987.5	14.16	13.397
20 MHz, QPSK, low channel	1940.0	18.88	17.870
20 MHz, 16QAM, low channel	1940.0	18.88	17.968
20 MHz, 64QAM, low channel	1940.0	19.01	17.894
20 MHz, 256QAM, low channel	1940.0	18.96	17.827
20 MHz, 16QAM, mid channel	1962.5	19.06	17.958
20 MHz, 16QAM, high channel	1985.0	18.96	17.973

Table 8.7-2: *Occupied bandwidth results for single carrier operation with IoT Port* ***021***

Remarks	Frequency, MHz	99% OBW, MHz	26 dB BW, MHz
10 MHz low channel with 2 × GB IoT	1935.0	9.72	9.379
10 MHz mid channel with 2 × GB IoT	1962.5	9.68	9.381
10 MHz high channel with 2 × GB IoT	1990.0	9.70	9.374
15 MHz low channel with 2 × GB IoT	1937.5	14.42	13.951
15 MHz mid channel with 2 × GB IoT	1962.5	14.41	13.968
15 MHz high channel with 2 × GB IoT	1987.5	14.42	13.966
20 MHz low channel with 2 × GB IoT	1940.0	19.17	18.459
20 MHz mid channel with 2 × GB IoT	1962.5	19.15	18.416
20 MHz high channel with 2 × GB IoT	1985.0	19.28	18.475

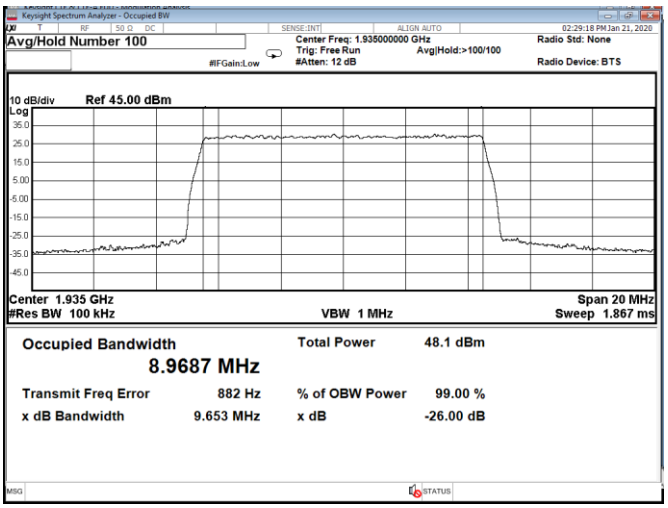


Figure 8.7-1: *Occupied bandwidth for 10 MHz channel, sample plot*

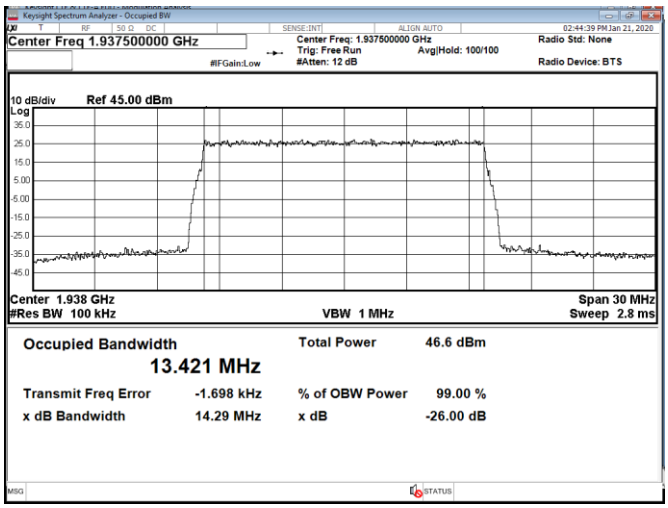


Figure 8.7-2: *Occupied bandwidth for 15 MHz channel, sample plot*

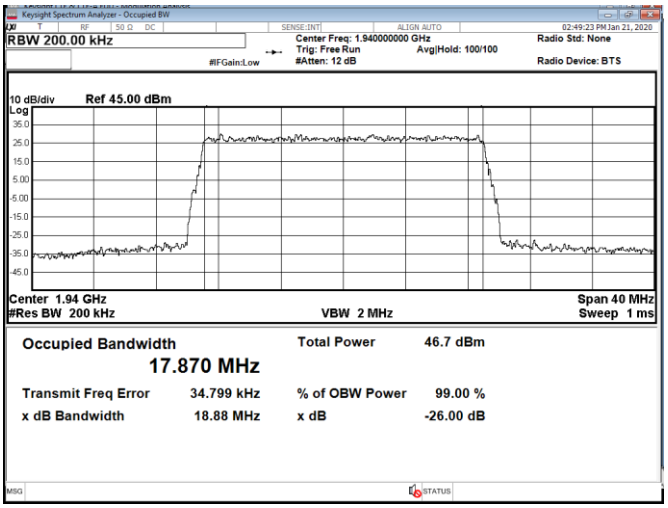


Figure 8.7-3: *Occupied bandwidth for 20 MHz channel, sample plot*

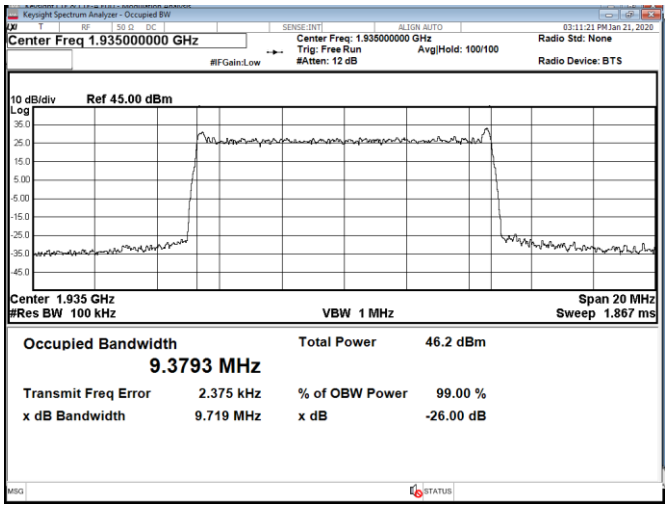


Figure 8.7-4: *Occupied bandwidth for 10 MHz channel LTE + IoT, sample plot*

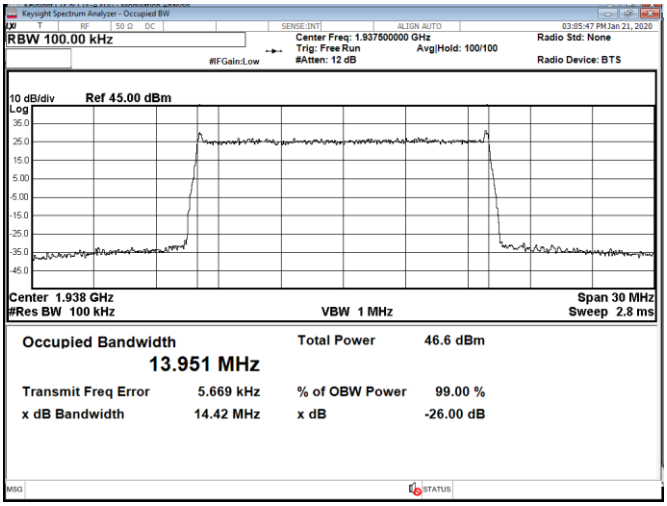


Figure 8.7-5: *Occupied bandwidth for 15 MHz channel LTE + IoT, sample plot*

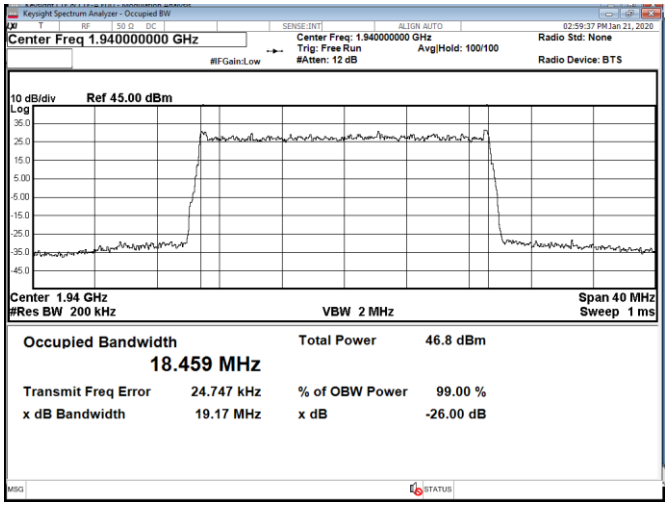


Figure 8.7-6: *Occupied bandwidth for 20 MHz channel LTE + IoT, sample plot*

8.8 FCC 27.54 and RSS-139, Section 6.4 Frequency stability (Band 66)

8.8.1 Definitions and limits

FCC:
The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

RSS-139, Section 6.4:
The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block when tested to the temperature and supply voltage variations specified in RSS-Gen.

8.8.2 Test summary

Test date	January 23, 2020

8.8.3 Observations, settings and special notes

Testing was performed per ANSI C63.26 Paragraphs 5.6.3, 5.6.4 and 5.6.5 methods.
26 dBc points including frequency tolerance were assessed to remain within assigned band.

8.8.4 Test data

Table 8.8-1: *Frequency error results*

Temperature, °C	Voltage, V_{DC}	Frequency error, Hz
−40	48.0	0.241
−30	48.0	0.432
−20	48.0	0.424
−10	48.0	0.471
0	48.0	0.490
+10	48.0	0.084
+20	40.8	-0.074
+20	48.0	-0.395
+20	55.2	-0.477
+30	48.0	-0.184
+40	48.0	-0.307
+50	48.0	-0.415

Max negative drift: −0.477 Hz, Max positive drift: +0.490 Hz.

8.9 FCC 24.235 and RSS-133, 6.3 Frequency stability (Band 2/25a)

8.9.1 Definitions and limits

FCC:
The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

RSS-133, Section 6.3:
The carrier frequency shall not depart from the reference frequency, in excess of ±2.5 ppm for mobile stations and ±1.0 ppm for base stations.

In lieu of meeting the above stability values, the test report may show that the frequency stability is sufficient to ensure that the emission bandwidth stays within the operating frequency block when tested to the temperature and supply voltage variations specified in RSS-Gen.

8.9.2 Test summary

Test date	January 23, 2020

8.9.3 Observations, settings and special notes

Testing was performed per ANSI C63.26 Paragraphs 5.6.3, 5.6.4 and 5.6.5 methods.
26 dBc points including frequency tolerance were assessed to remain within assigned band. The maximum allowed drift (±1.0 ppm) is ±1935 Hz

8.9.4 Test data

Table 8.9-1: *Frequency error results*

Temperature, °C	Voltage, V_{DC}	Frequency error, Hz
−40	48.0	0.253
−30	48.0	0.249
−20	48.0	0.164
−10	48.0	0.363
0	48.0	0.431
+10	48.0	0.291
+20	40.8	-0.103
+20	48.0	-0.456
+20	55.2	-0.591
+30	48.0	-0.390
+40	48.0	-0.098
+50	48.0	0.037

Max negative drift: −0.591 Hz, Max positive drift: +0.431 Hz.

8.10 RSS-133, 6.6 Receiver Spurious Emissions

8.10.1 Definitions and limits

RSS-133, Section 6.6:
Receiver spurious emissions shall comply with the limits specified in RSS-Gen.

RSS-Gen, Section 7.4:
If the receiver has a detachable antenna of known impedance, an antenna-conducted spurious emissions measurement is permitted as an alternative to radiated measurement. However, the radiated method of section 7.3 is preferred.

The antenna-conducted test shall be performed with the antenna disconnected and with the receiver antenna port connected to a measuring instrument having equal input impedance to that specified for the antenna. The RF cable connecting the receiver under test to the measuring instrument shall also have the same impedance to that specified for the receiver's antenna.

The spurious emissions from the receiver at any discrete frequency, measured at the antenna port by the antenna-conducted method, shall not exceed 2 nW in the frequency range 30–1000 MHz and 5 nW above 1 GHz.

8.10.2 Test summary

Test date	January 22, 2020
Test engineer	Andrey Adelberg

8.10.3 Observations, settings and special notes

The spectrum was searched from 30 MHz to the 10th harmonic.
All measurements were performed using an average (RMS) detector.

8.10.4 Test data

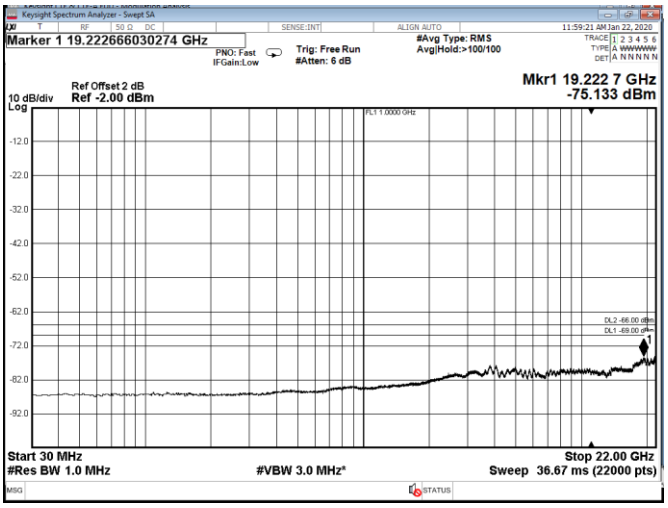
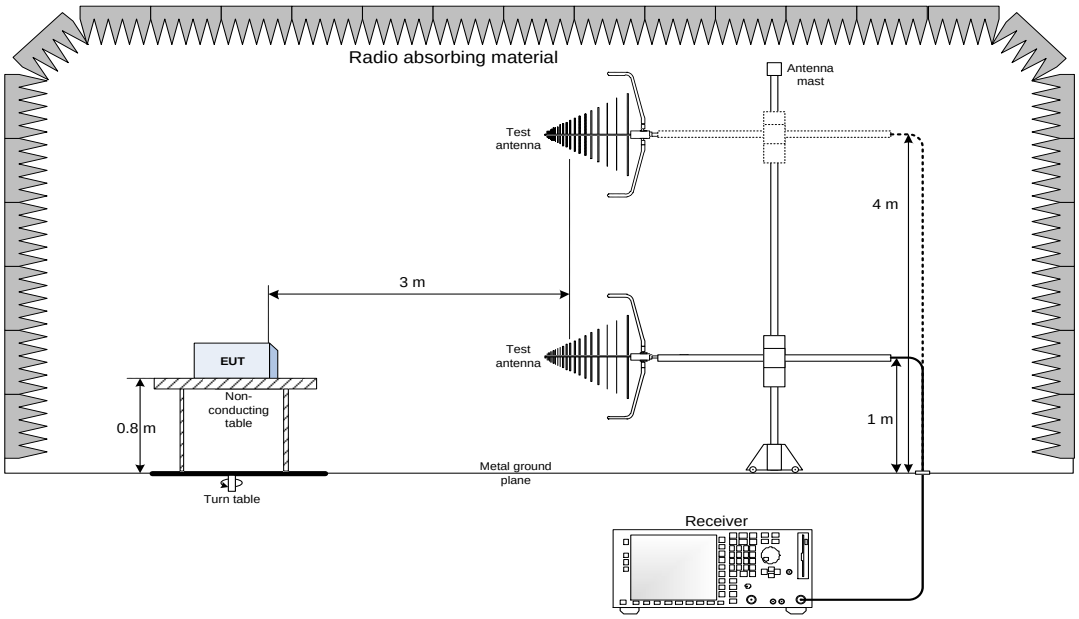


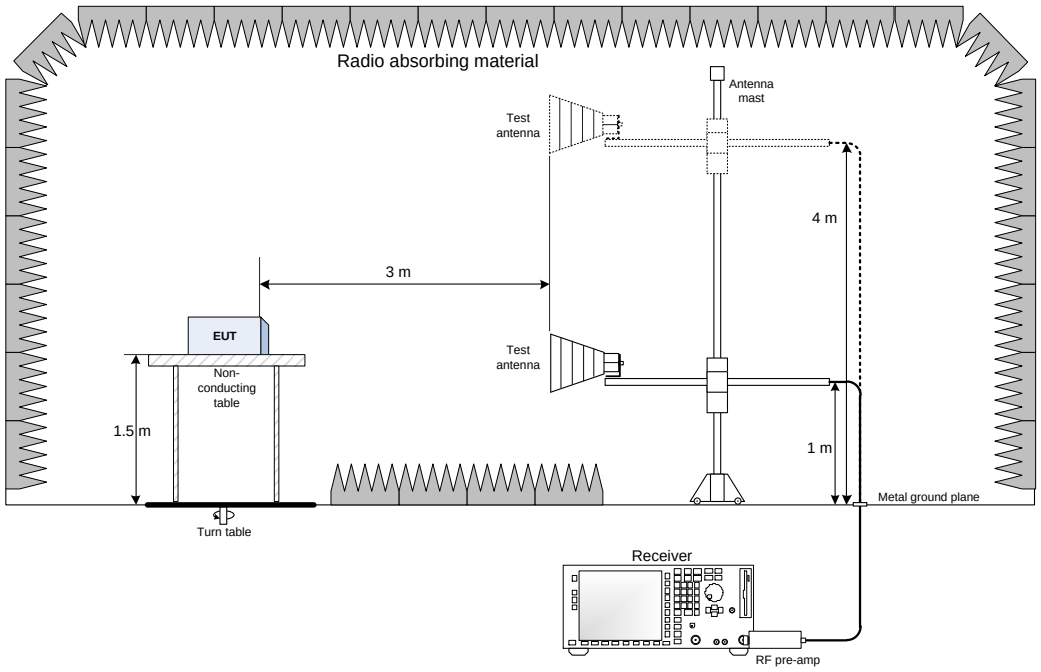
Figure 8.10-1: *Receiver spurious emissions at Port 021*

Section 9. Block diagrams of test setups

9.1 Radiated emissions set-up for frequencies below 1 GHz



9.2 Radiated emissions set-up for frequencies above 1 GHz



9.3 Conducted emissions set-up