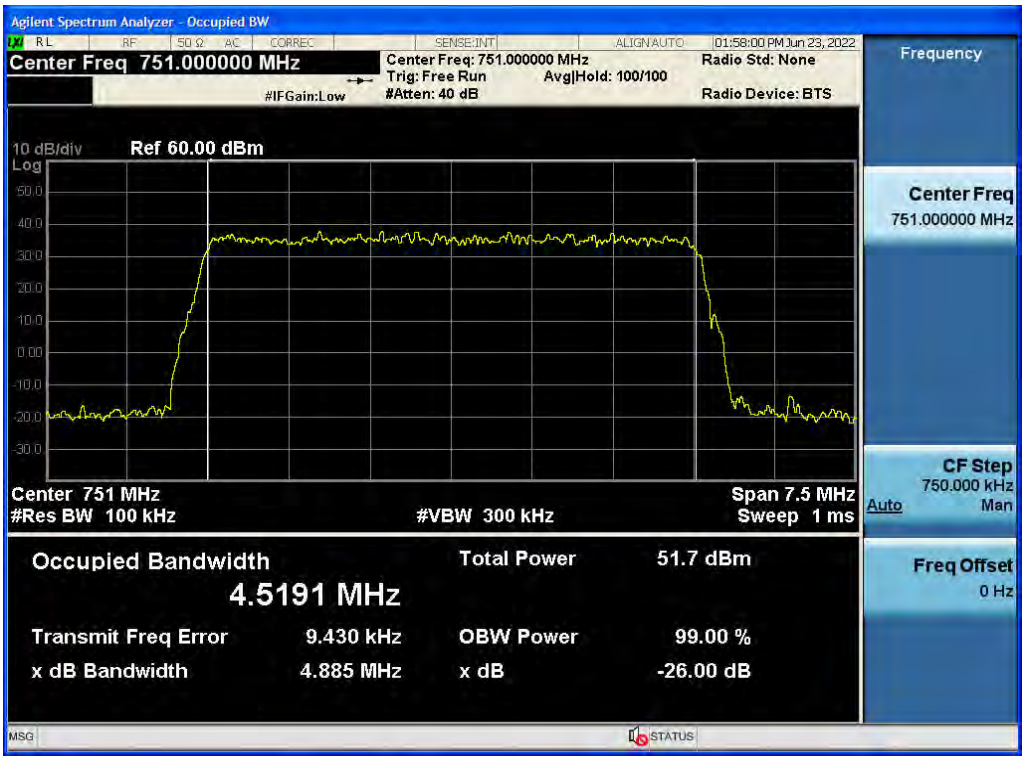
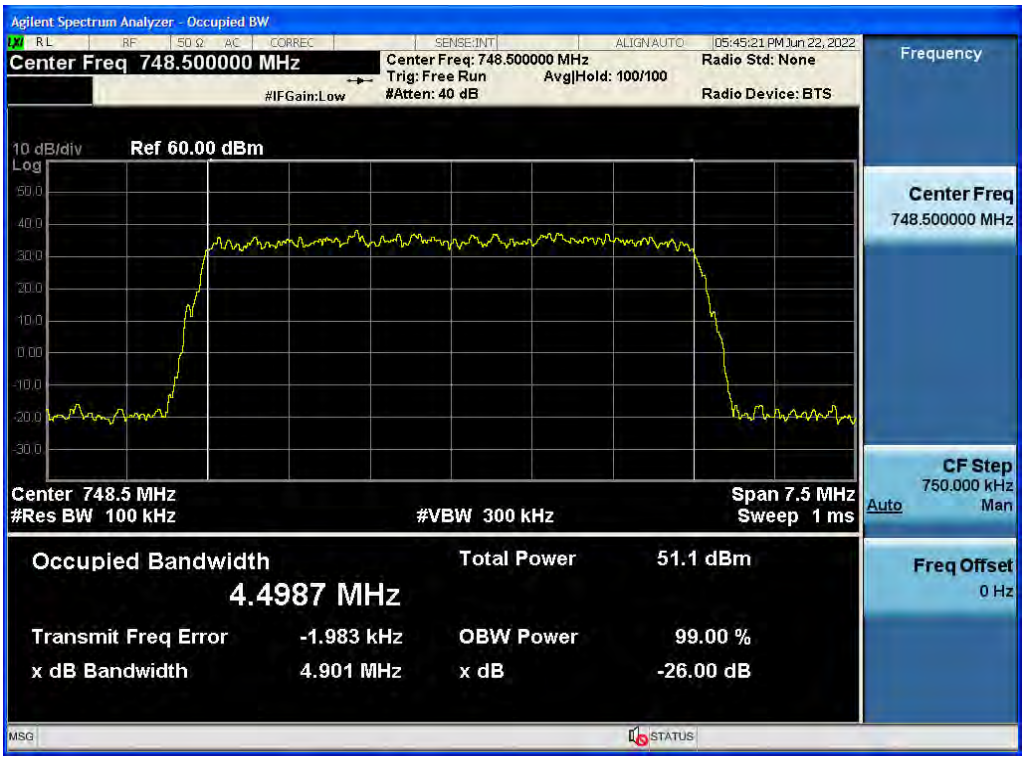
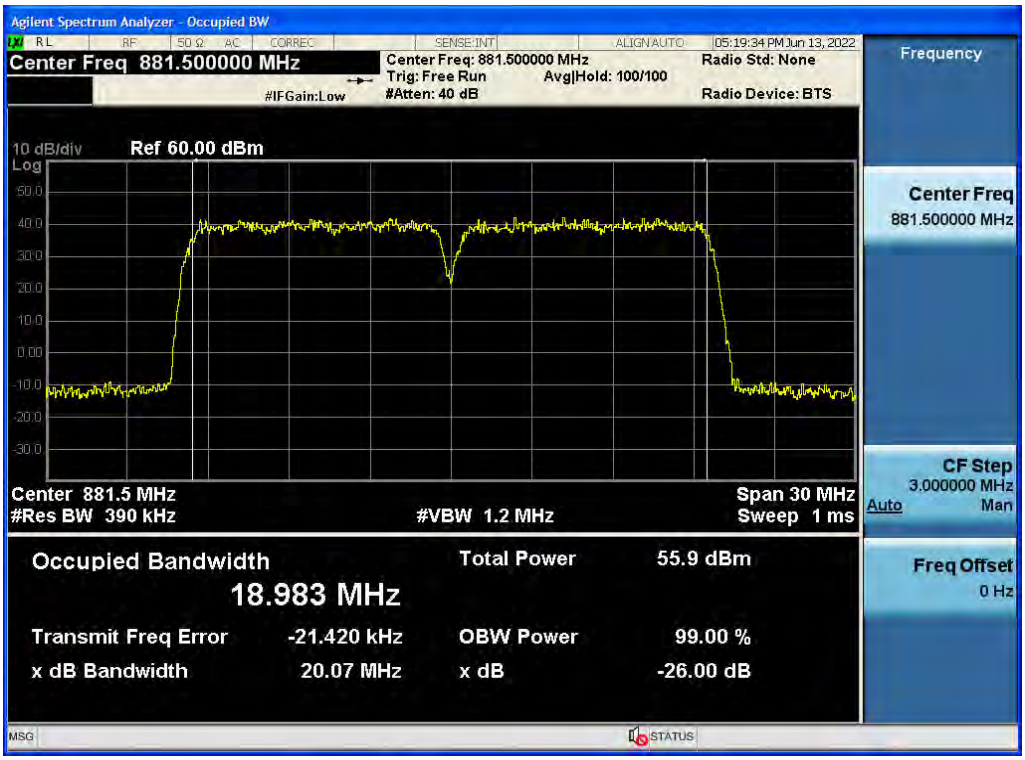
Antenna 0 / (2 Port)LTE B13 5 MHz 1 Carrier / 64QAM / Middle



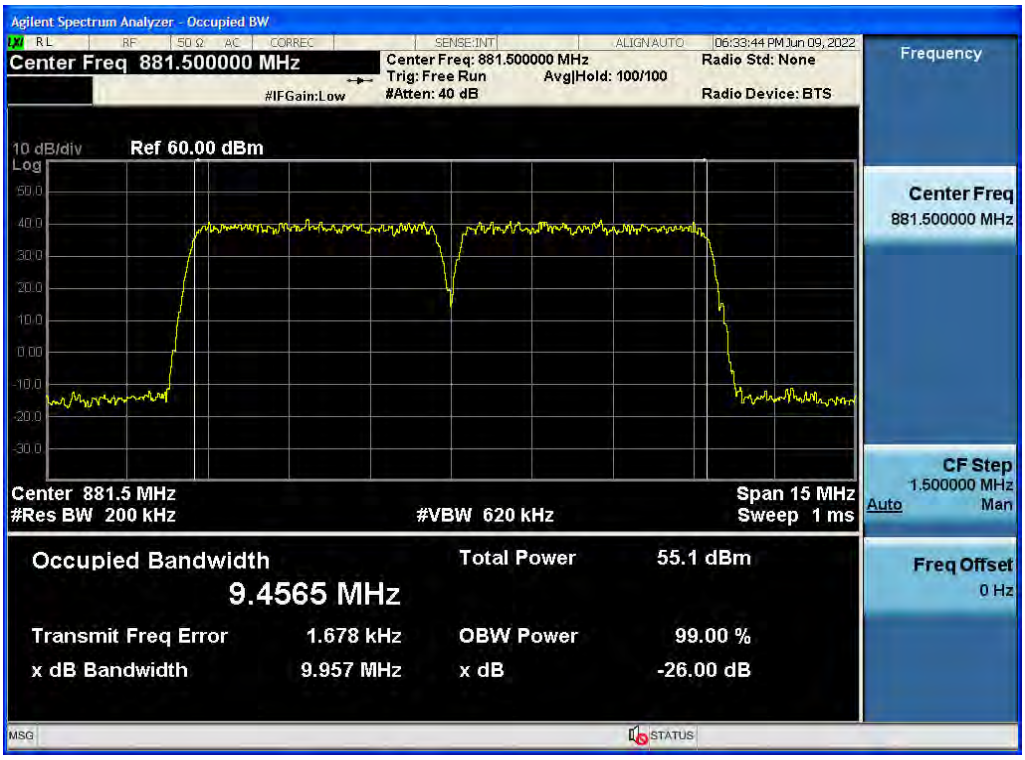
Antenna 0 / (4 Port)LTE B13 5 MHz 1 Carrier / 16QAM / Low



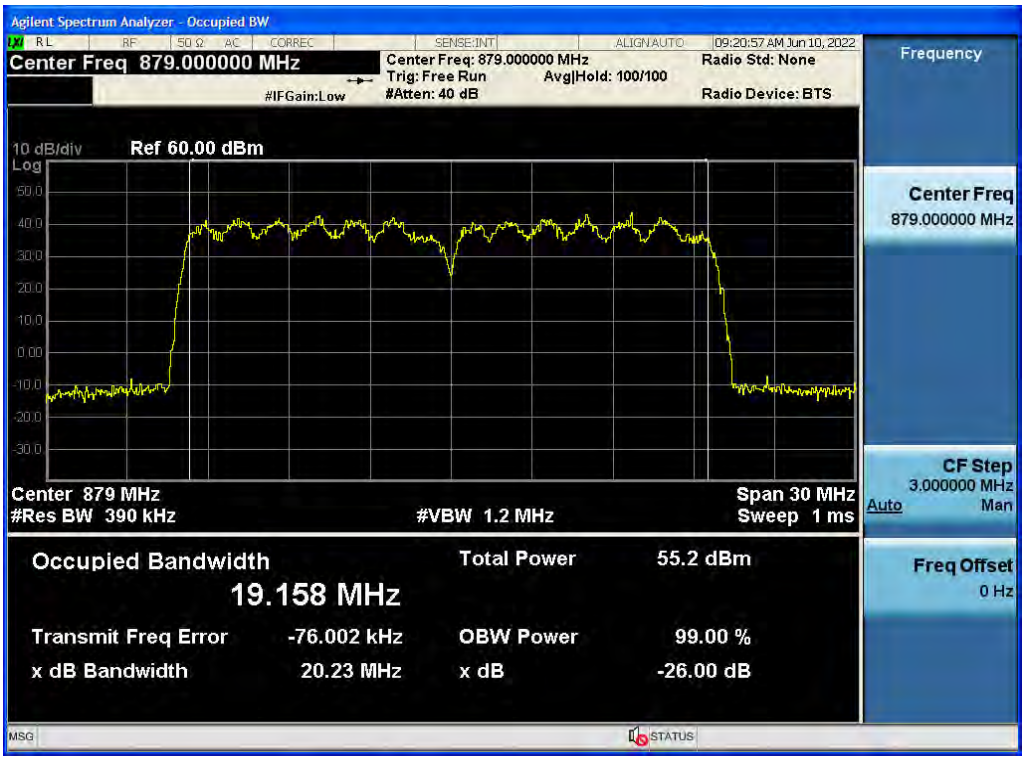
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Middle



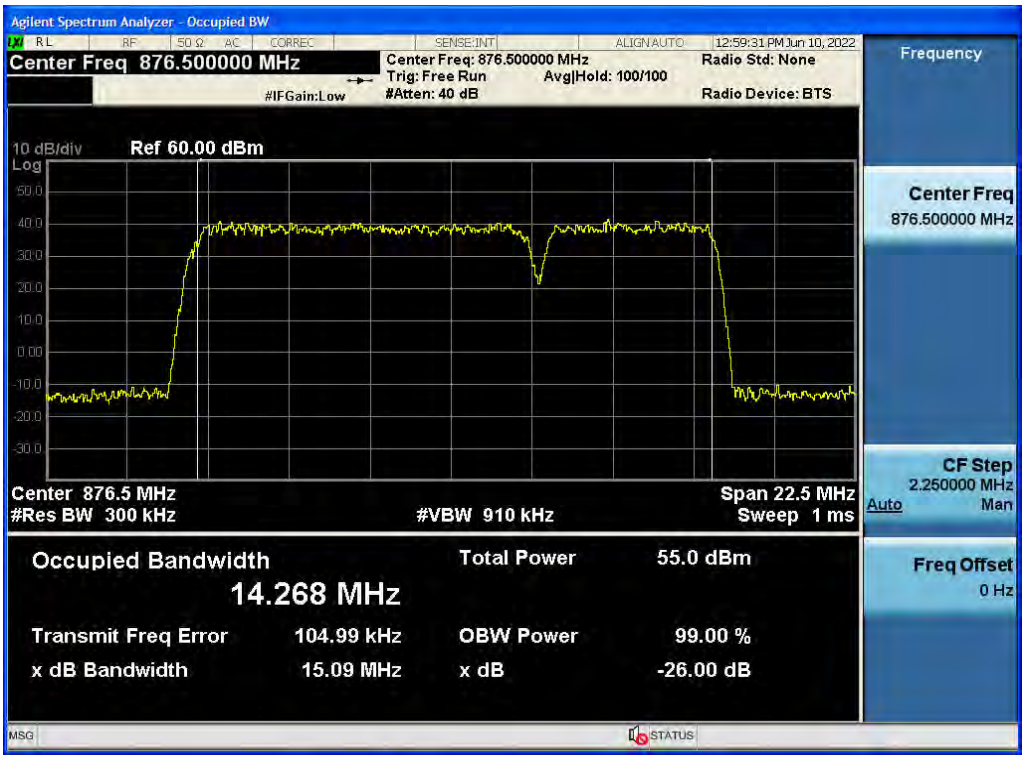
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Middle



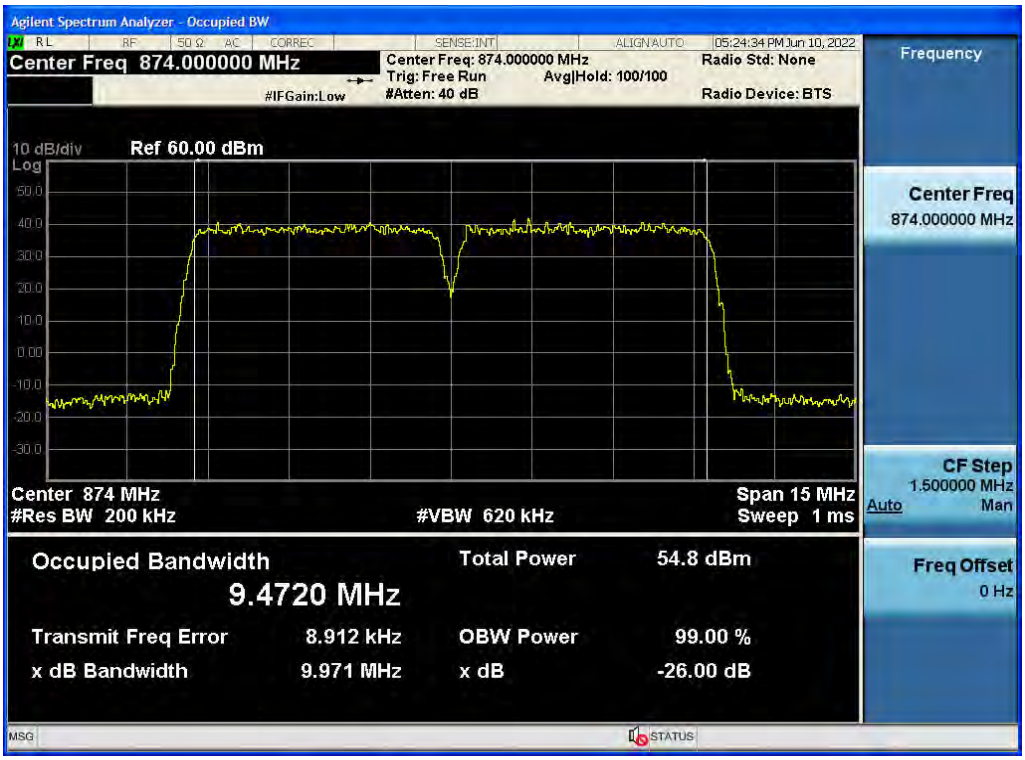
Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



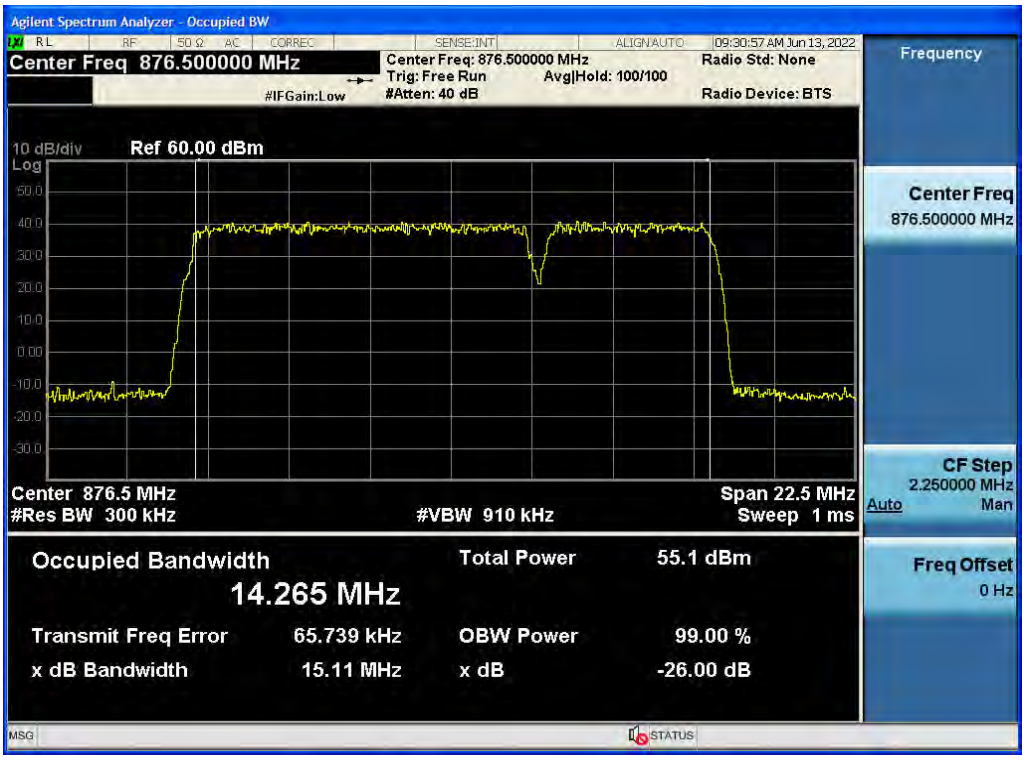
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



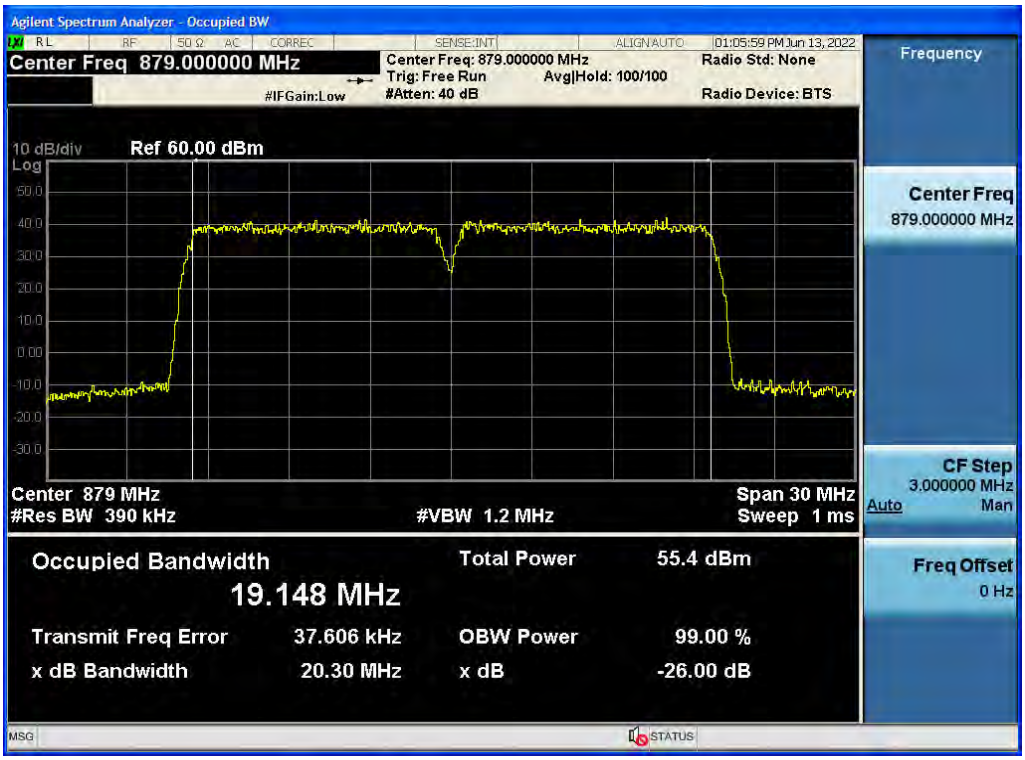
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



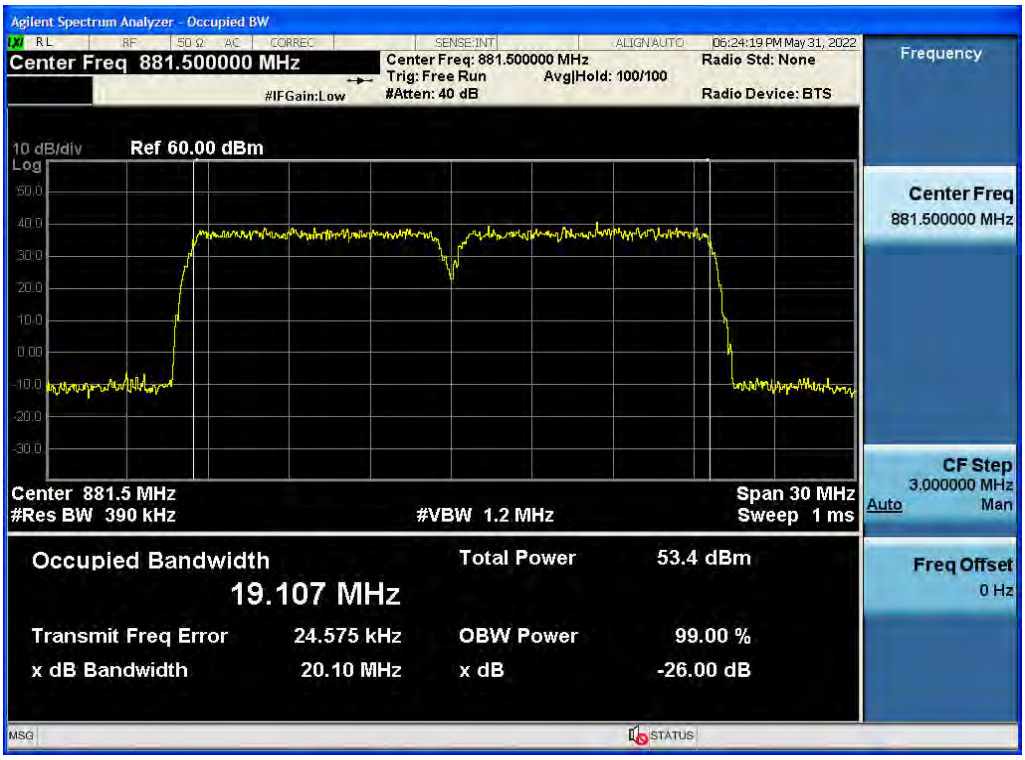
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low



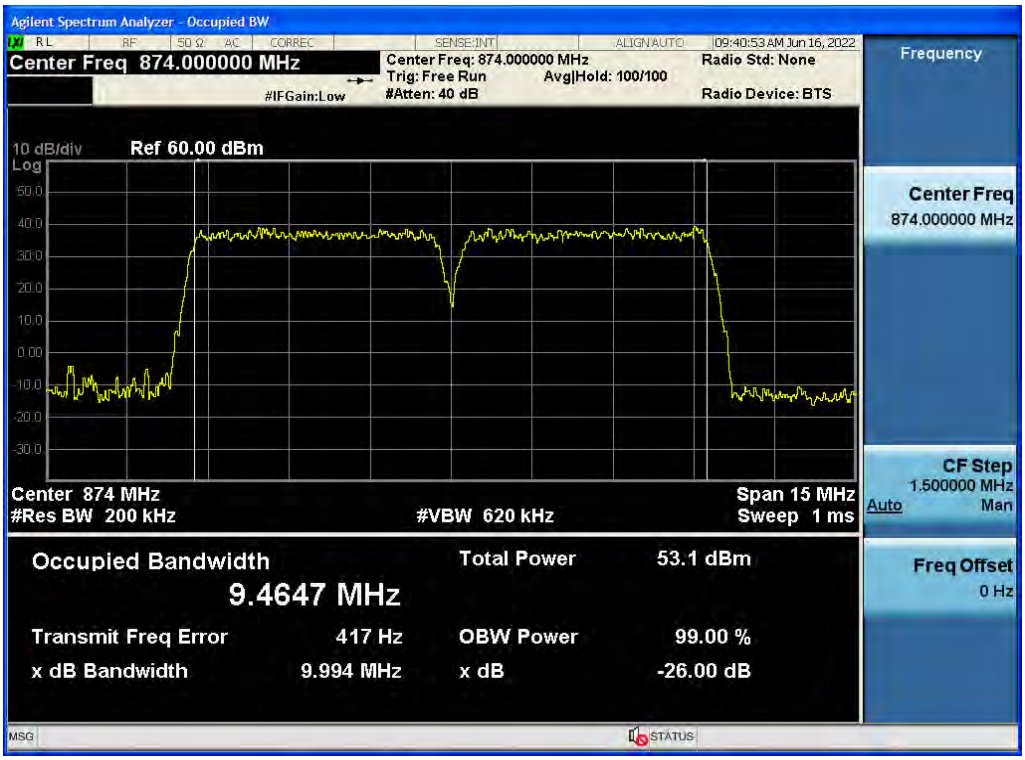
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



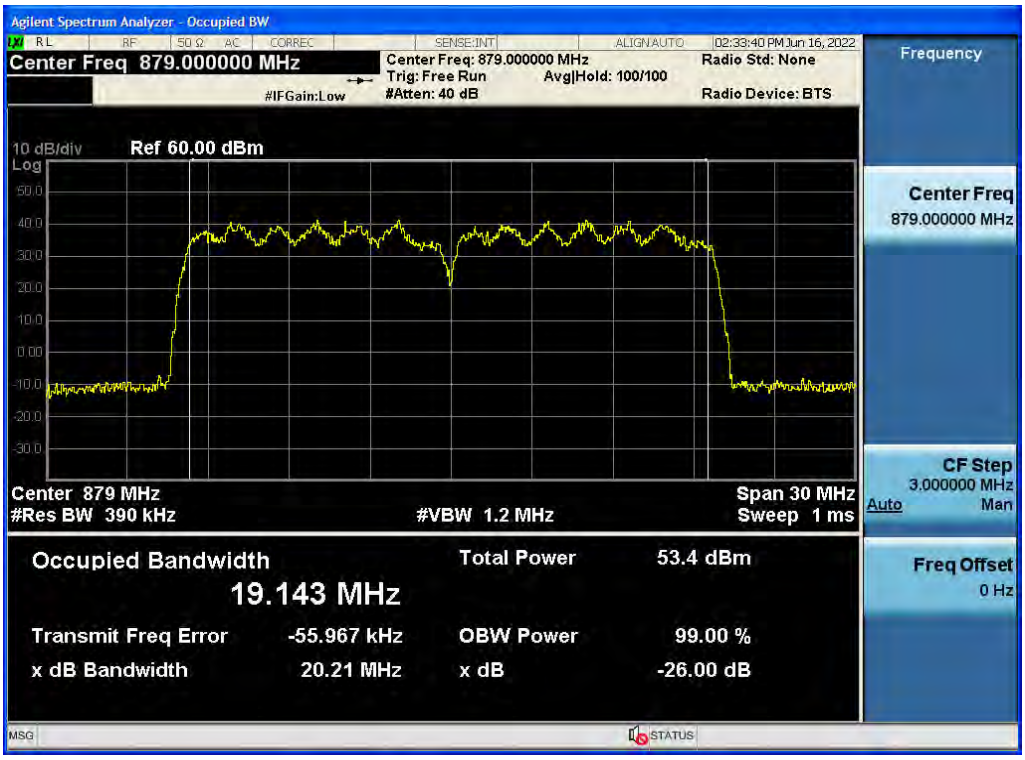
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Middle



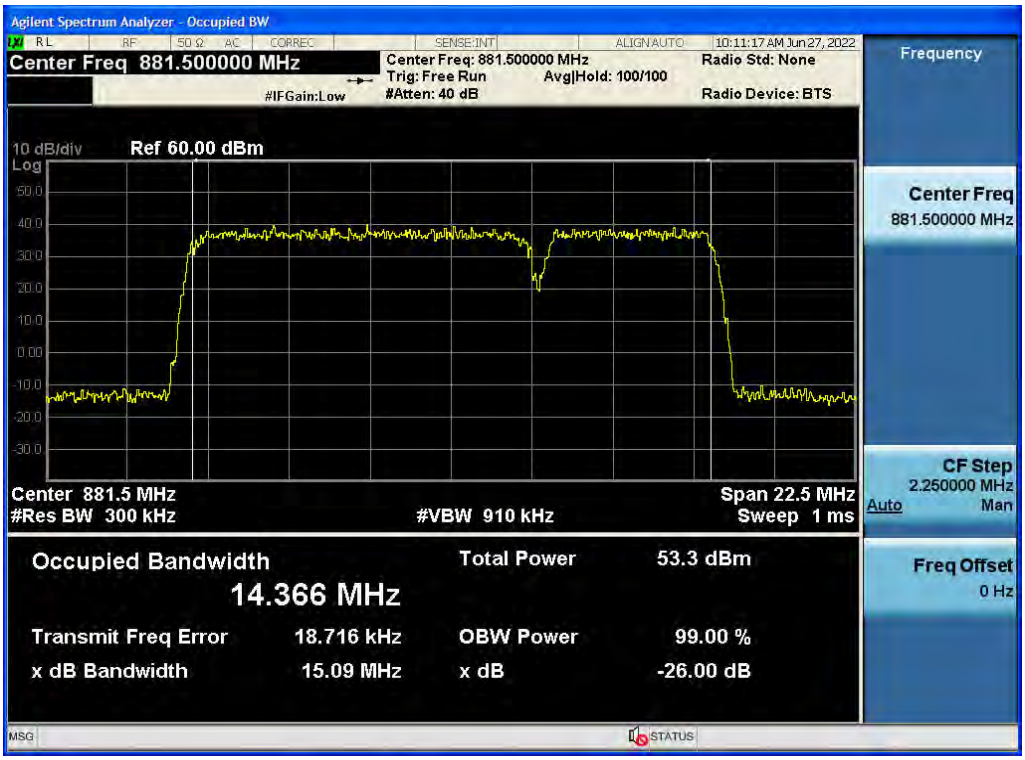
Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



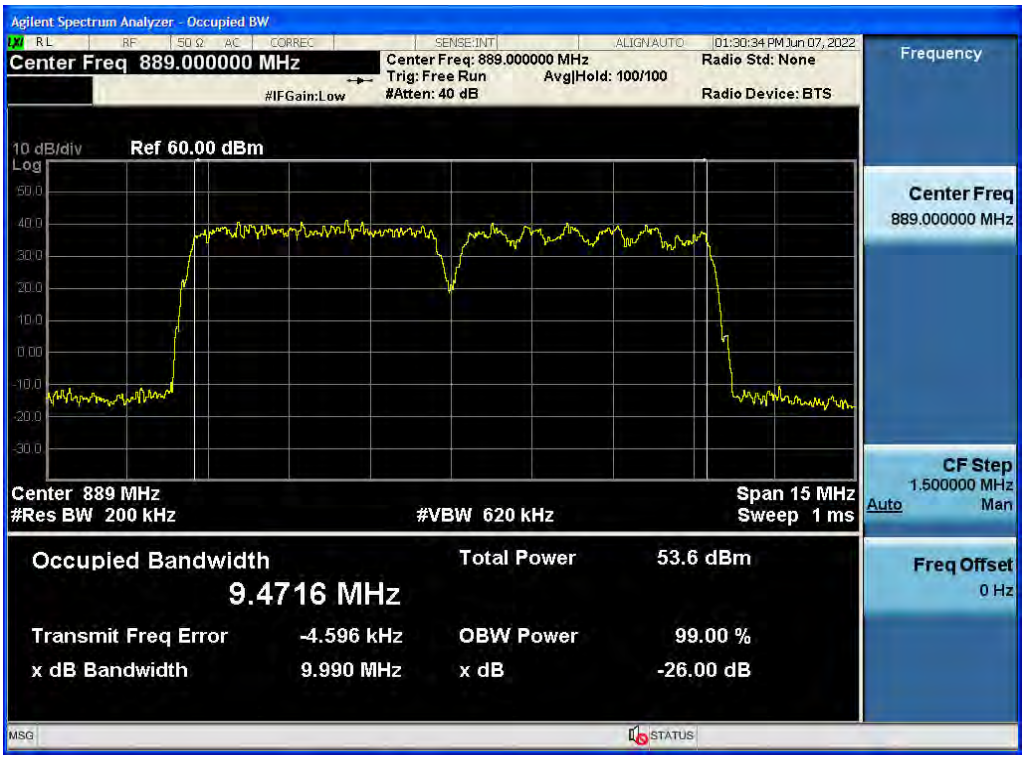
Antenna 0 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



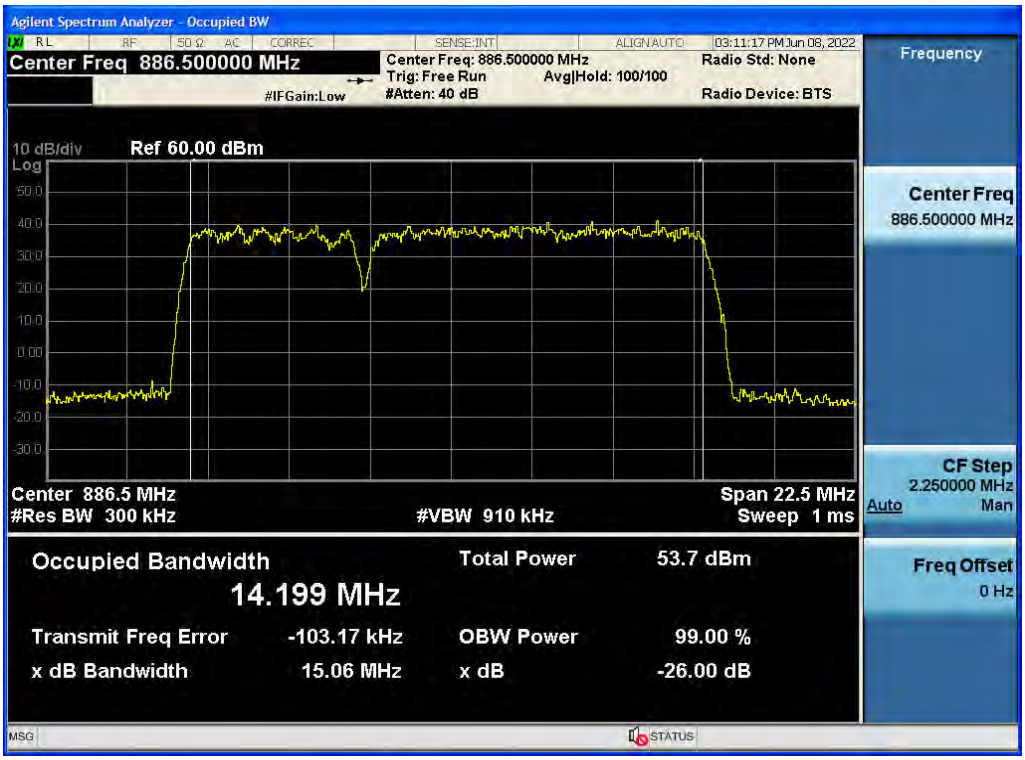
Antenna 2 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Middle



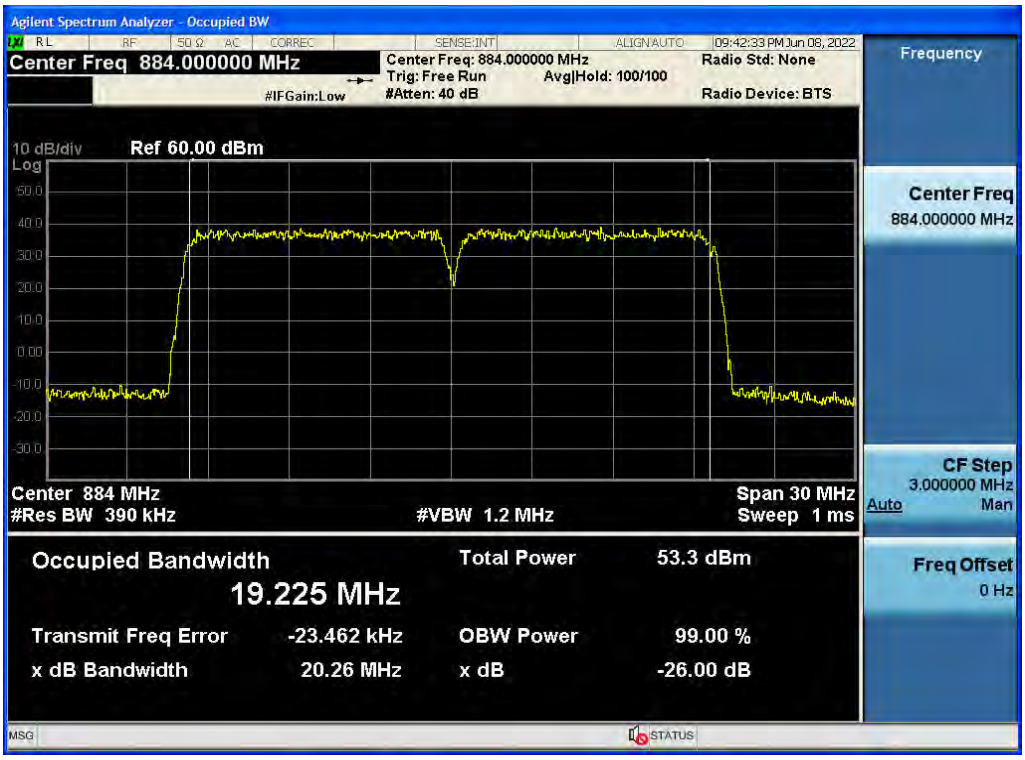
Antenna 3 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



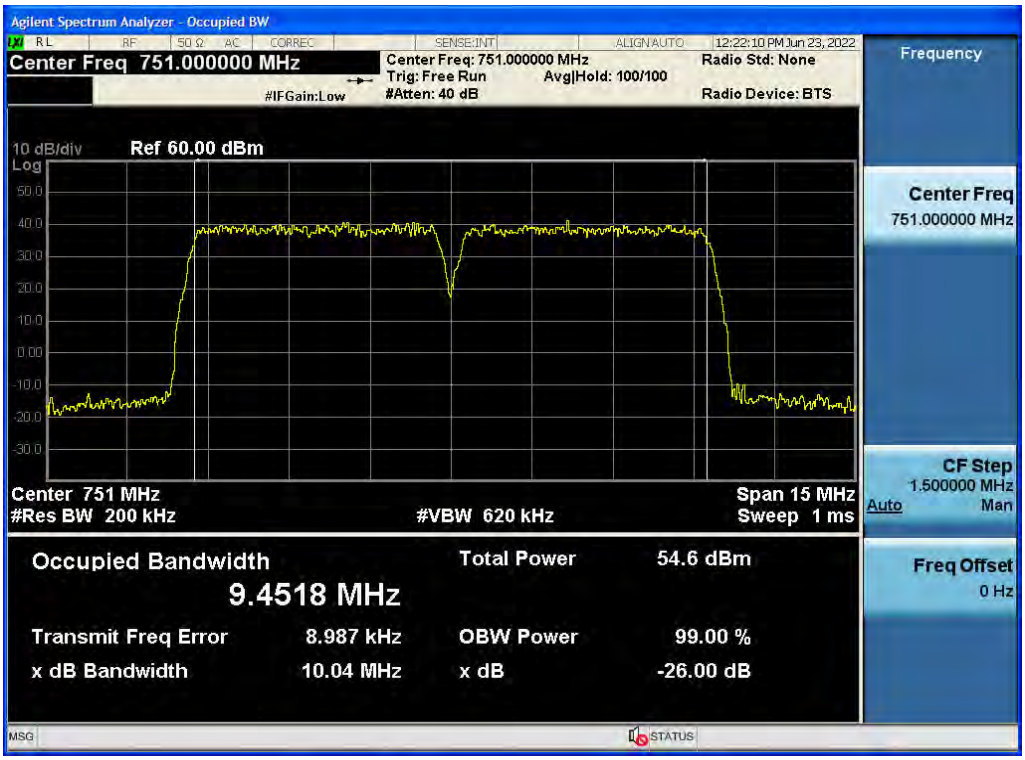
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



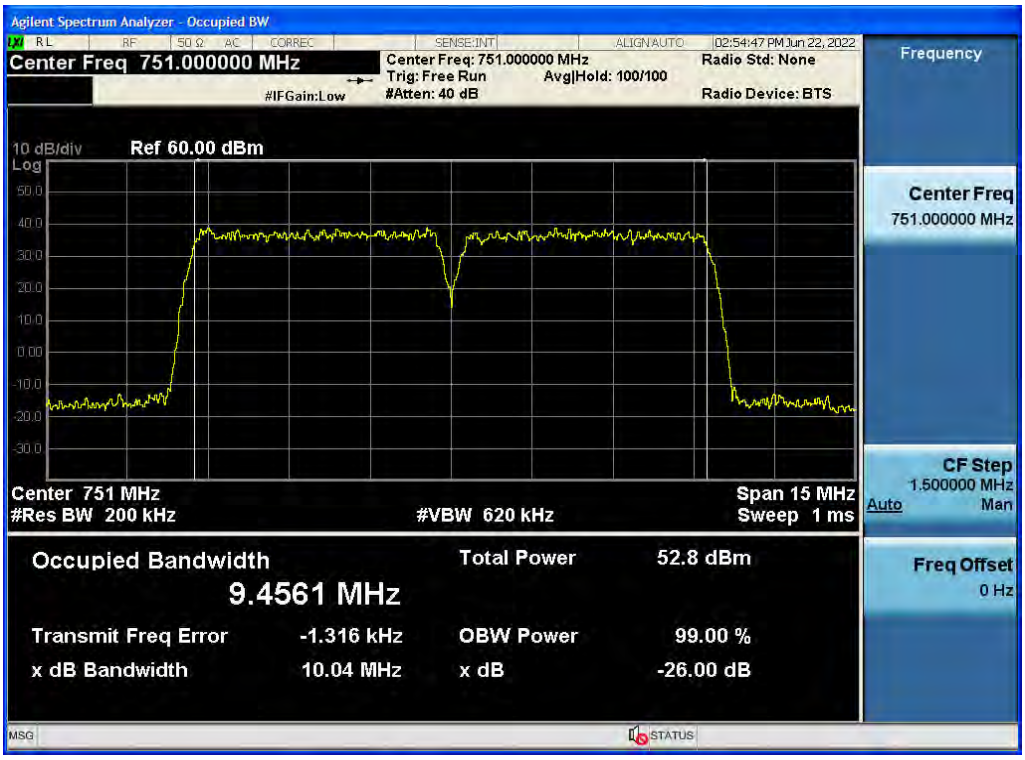
Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High



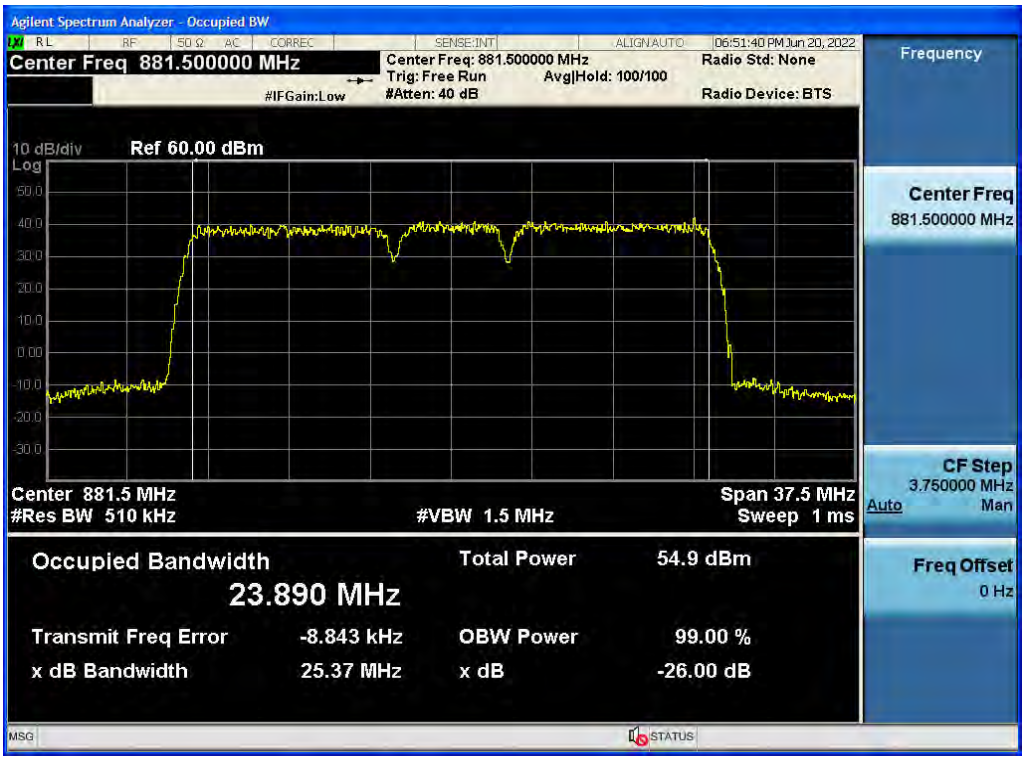
Antenna 1 / (2 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Middle



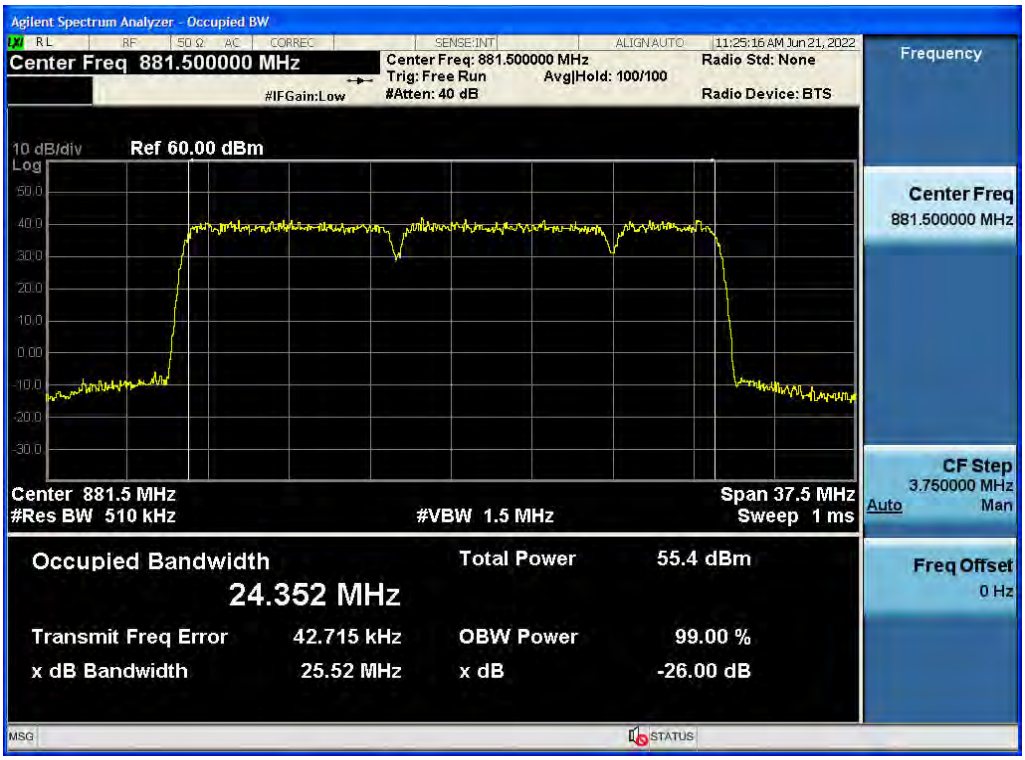
Antenna 0 / (4 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Middle



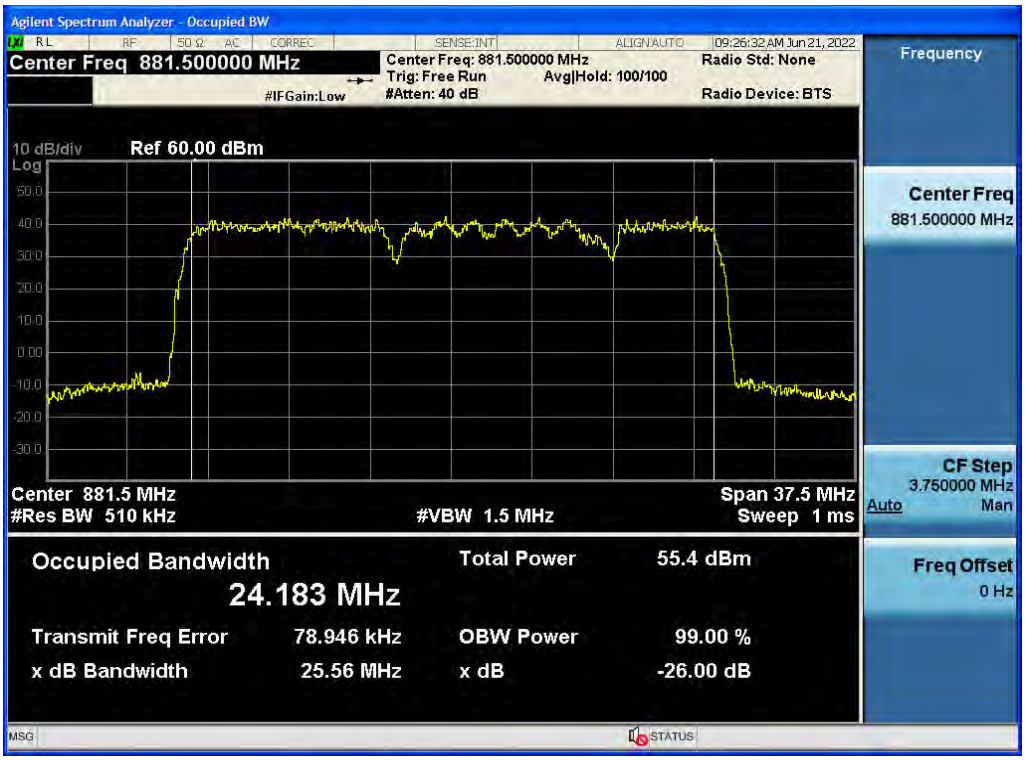
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier] / Contiguous / QPSK / Middle



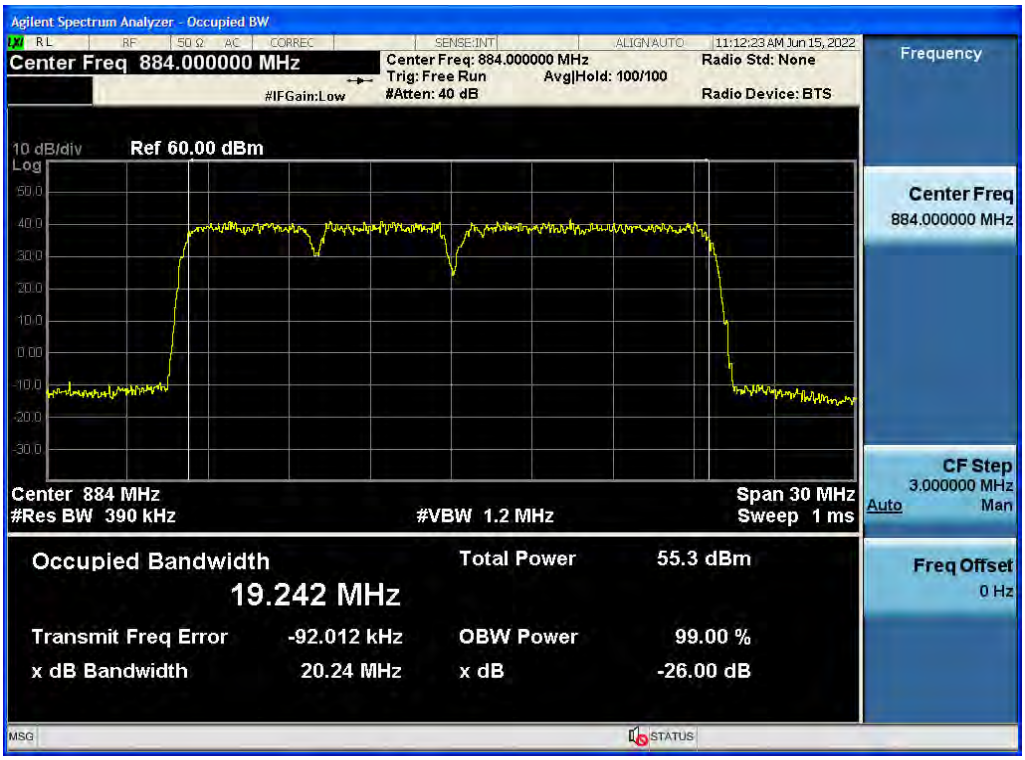
Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 64QAM / Middle



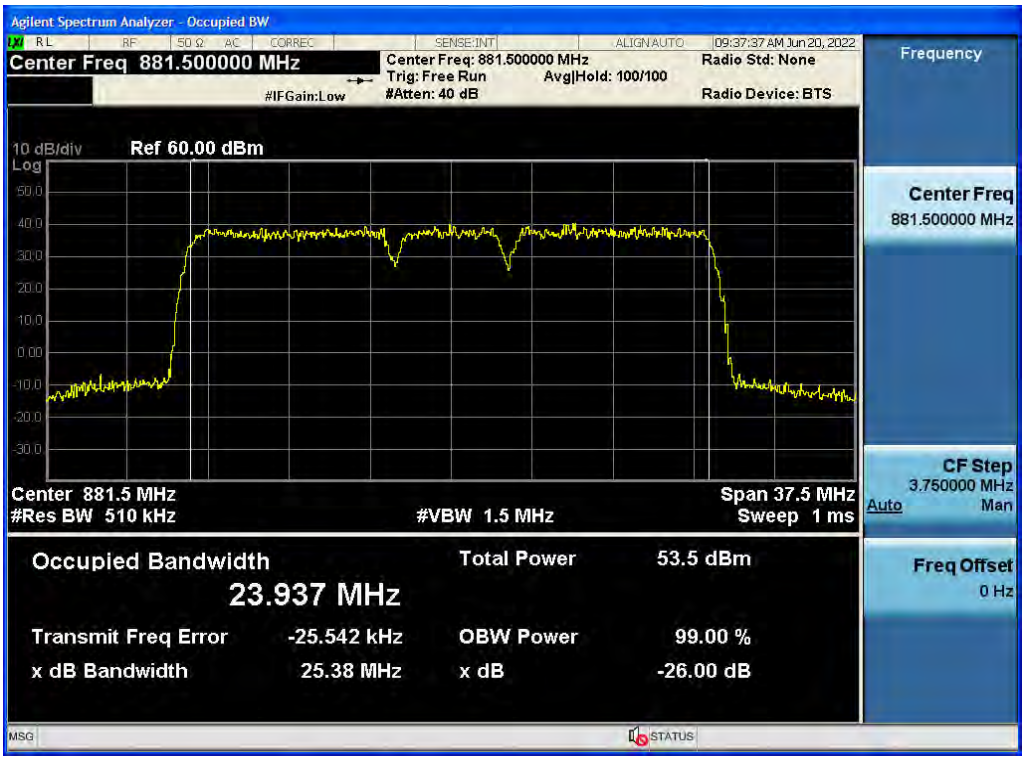
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / Middle



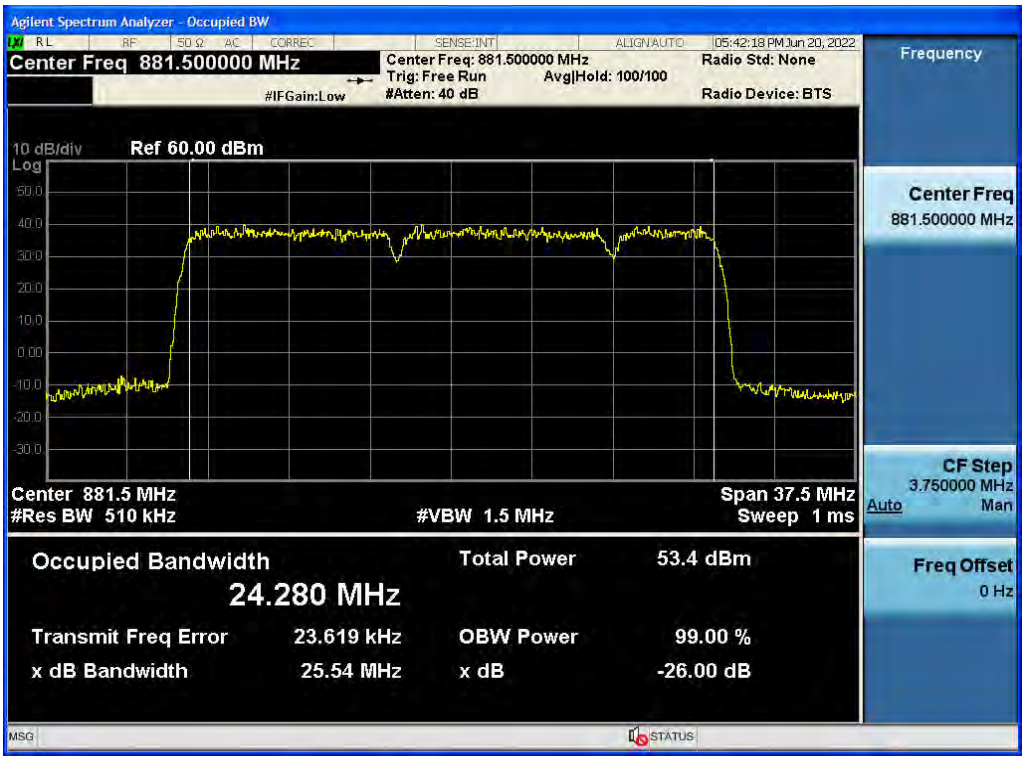
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 256QAM / High



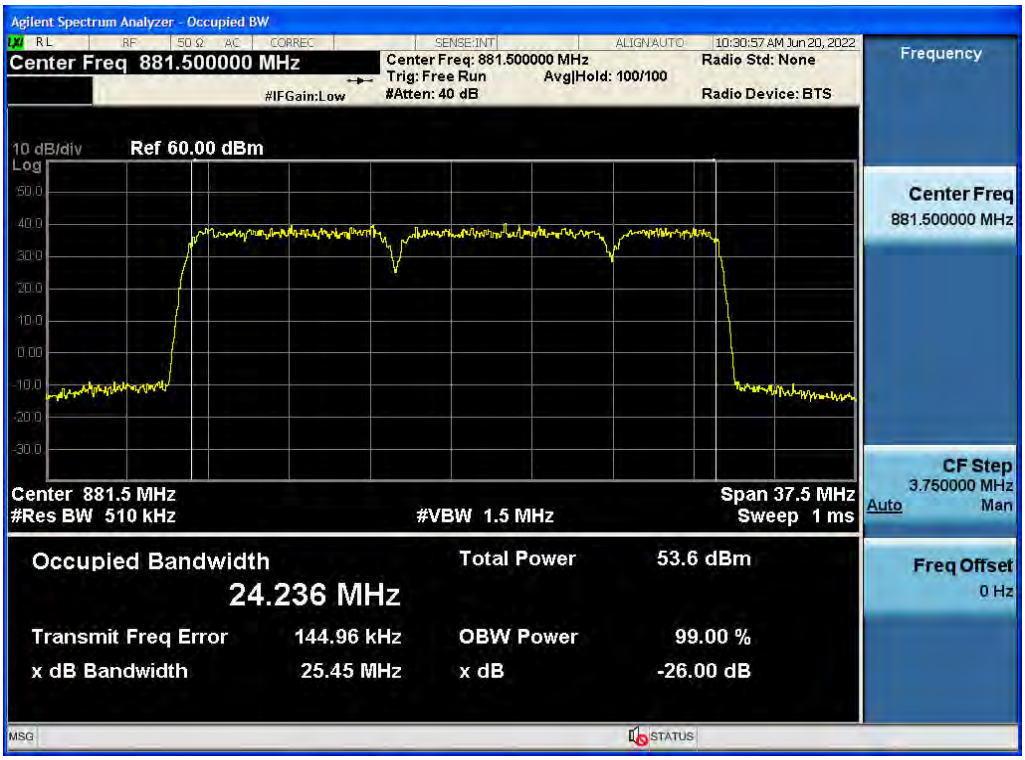
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier] / Contiguous / 256QAM / Middle



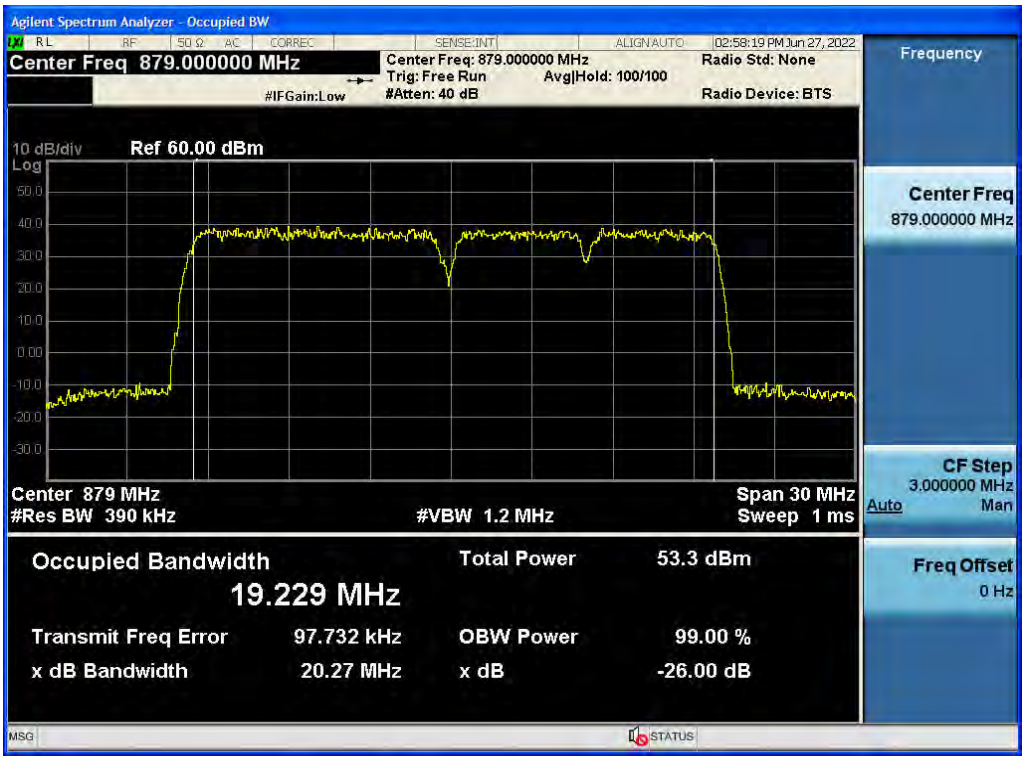
Antenna 0 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 64QAM / Middle



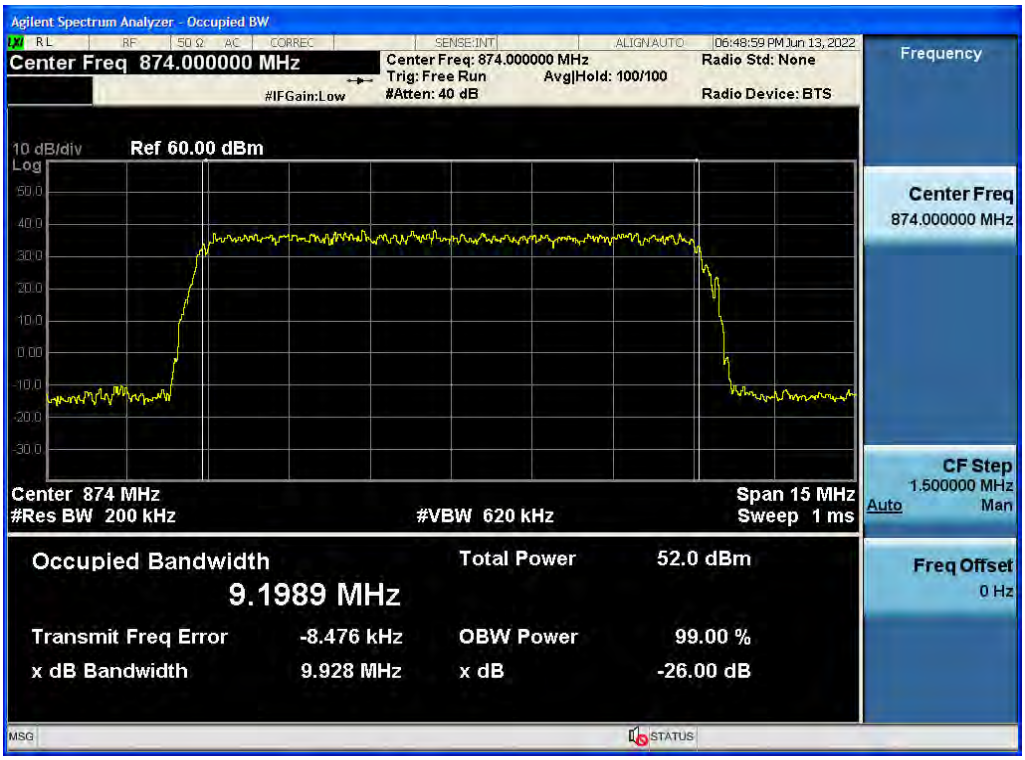
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / QPSK / Middle



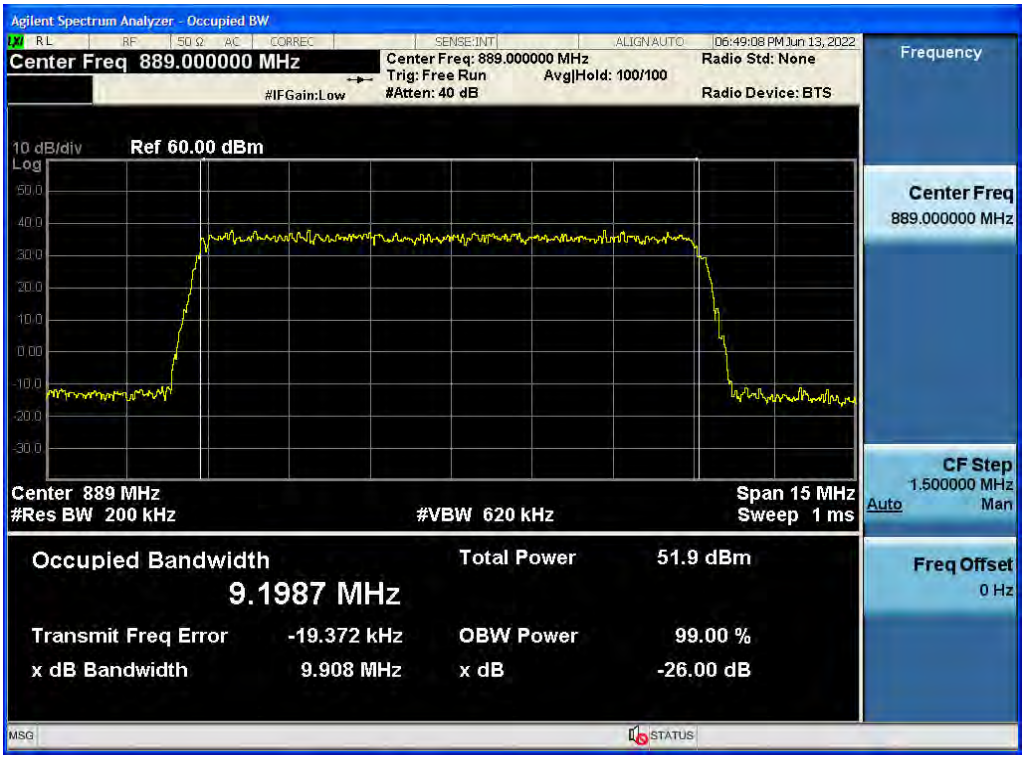
Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 256QAM / Low



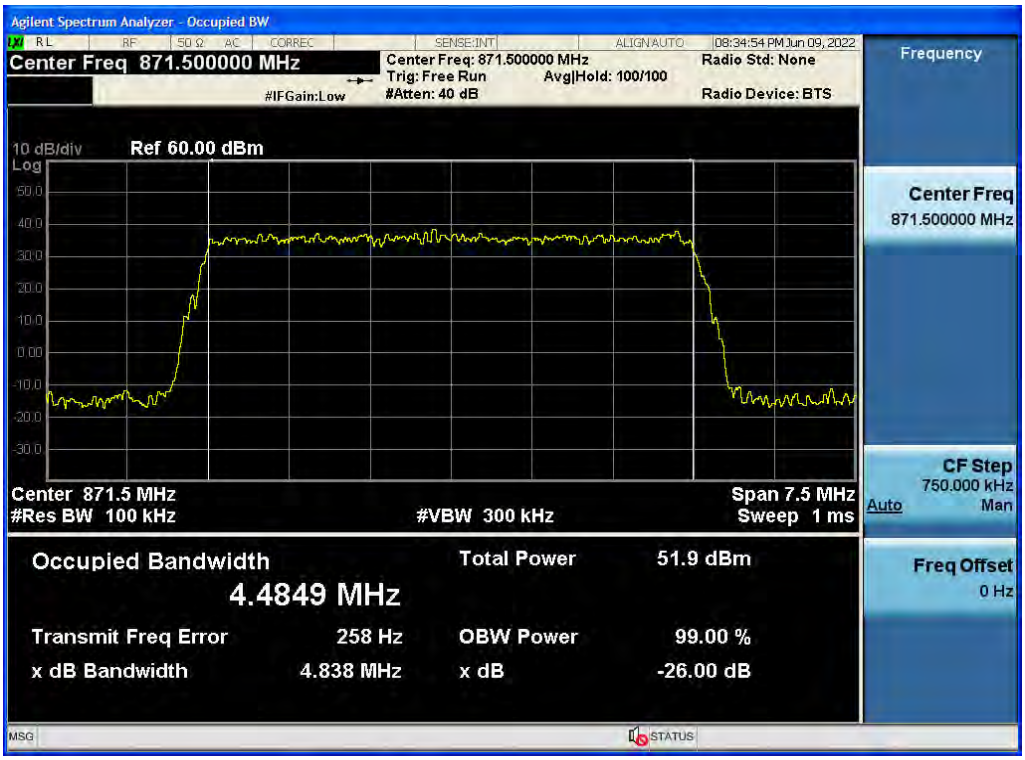
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / 64QAM / Low



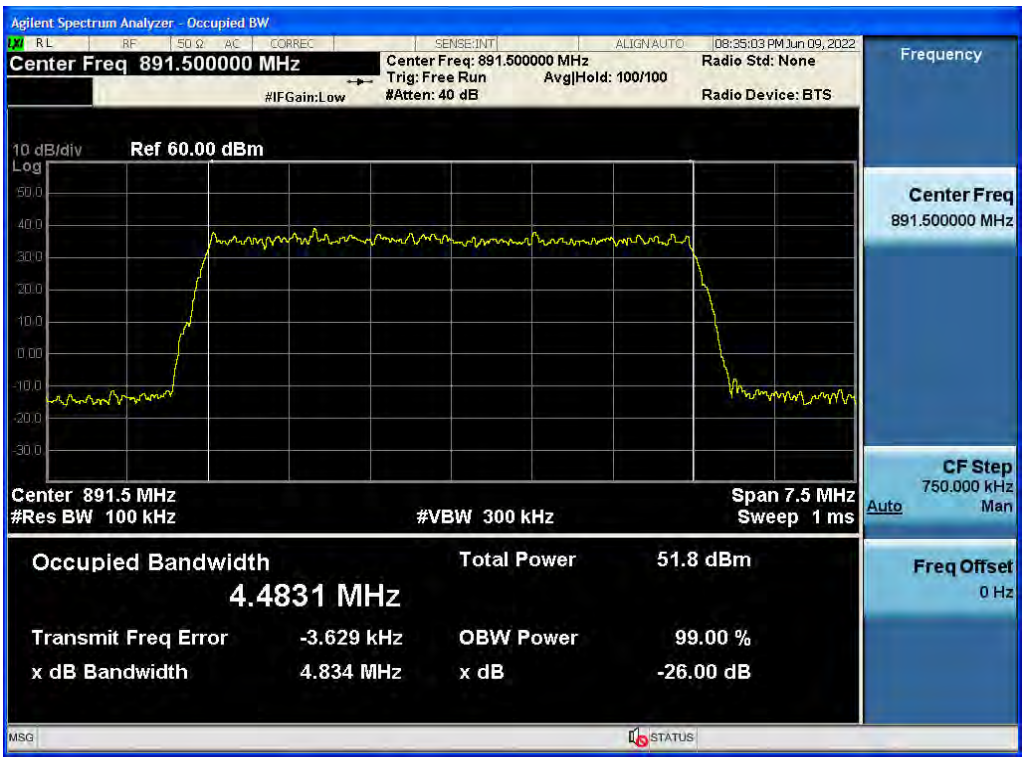
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / 64QAM / High



Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 256QAM / Low

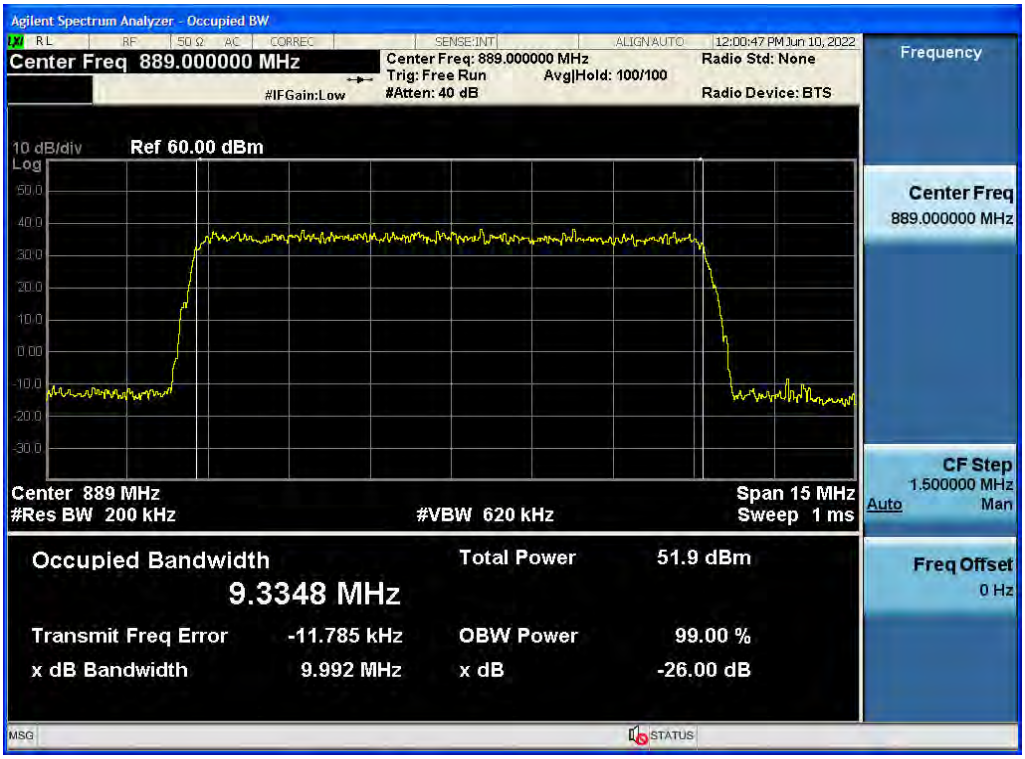


Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 256QAM / High

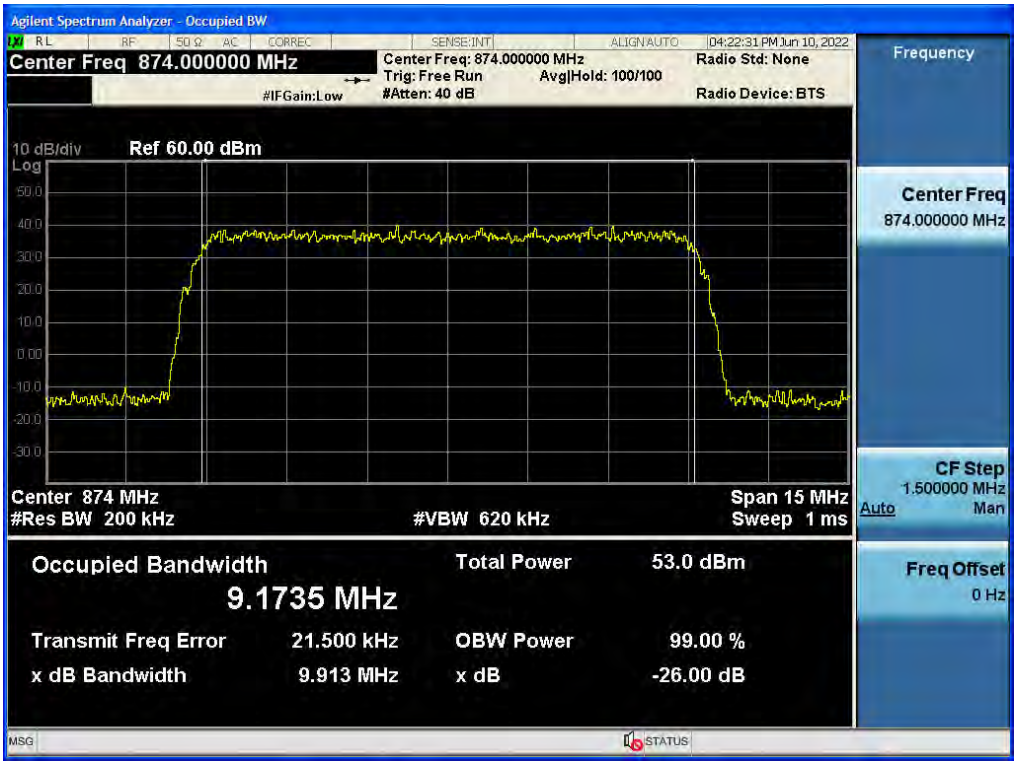


Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 10 MHz / 64QAM / Low

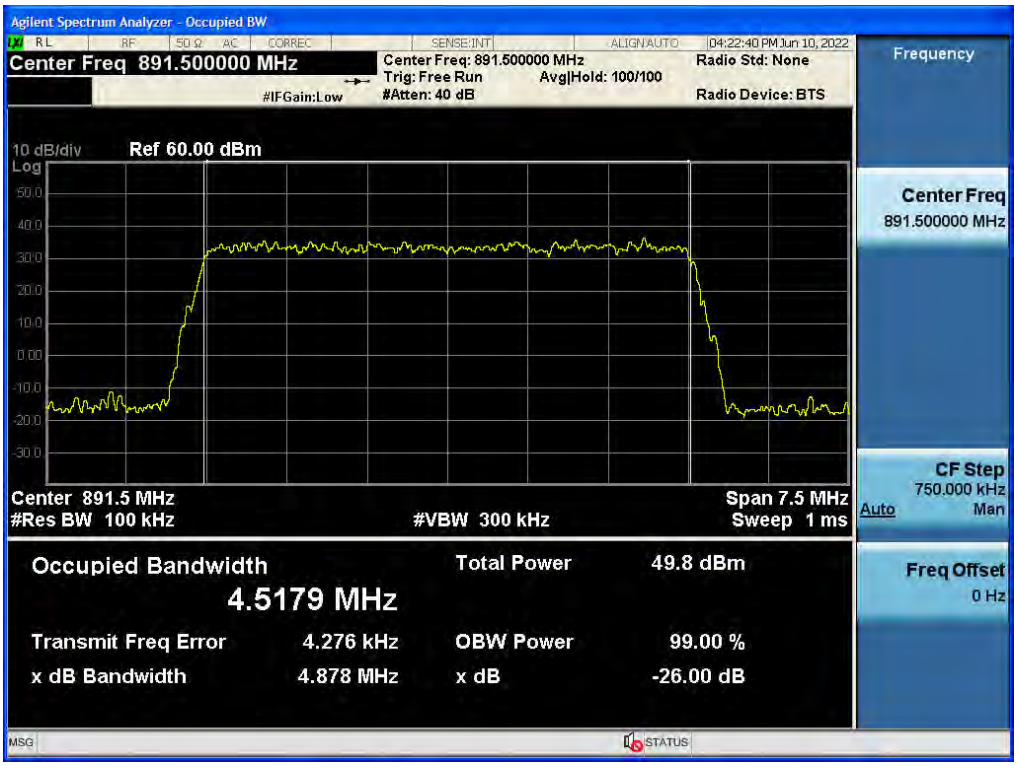
Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 10 MHz / 64QAM / High



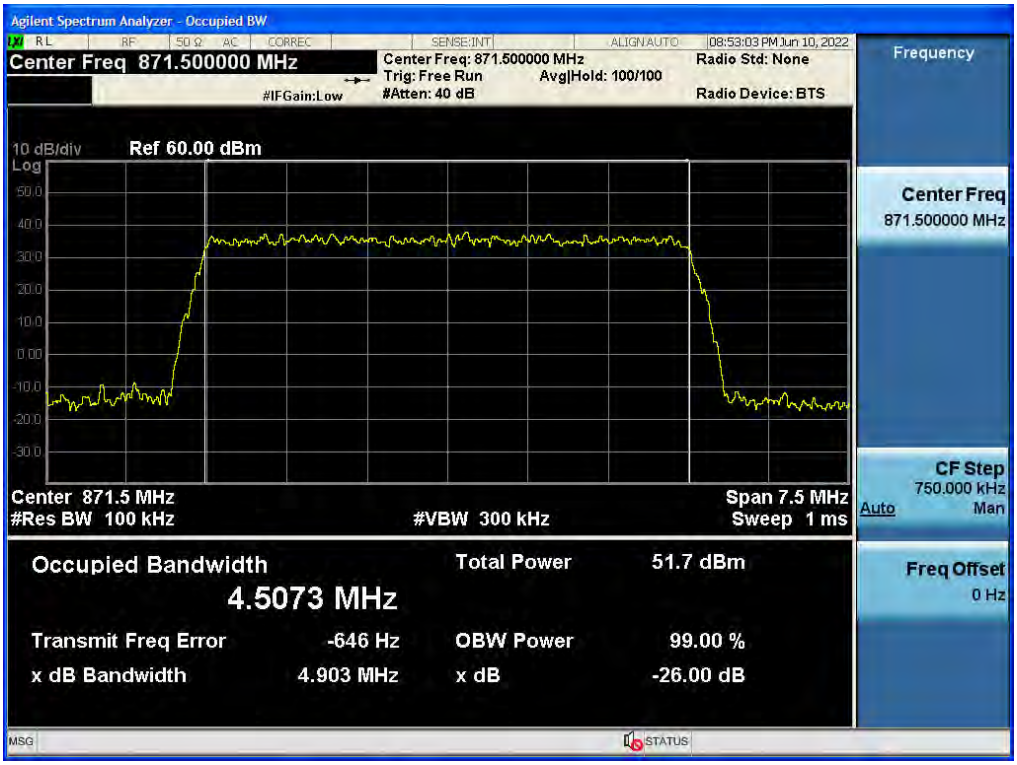
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / 64QAM / Low



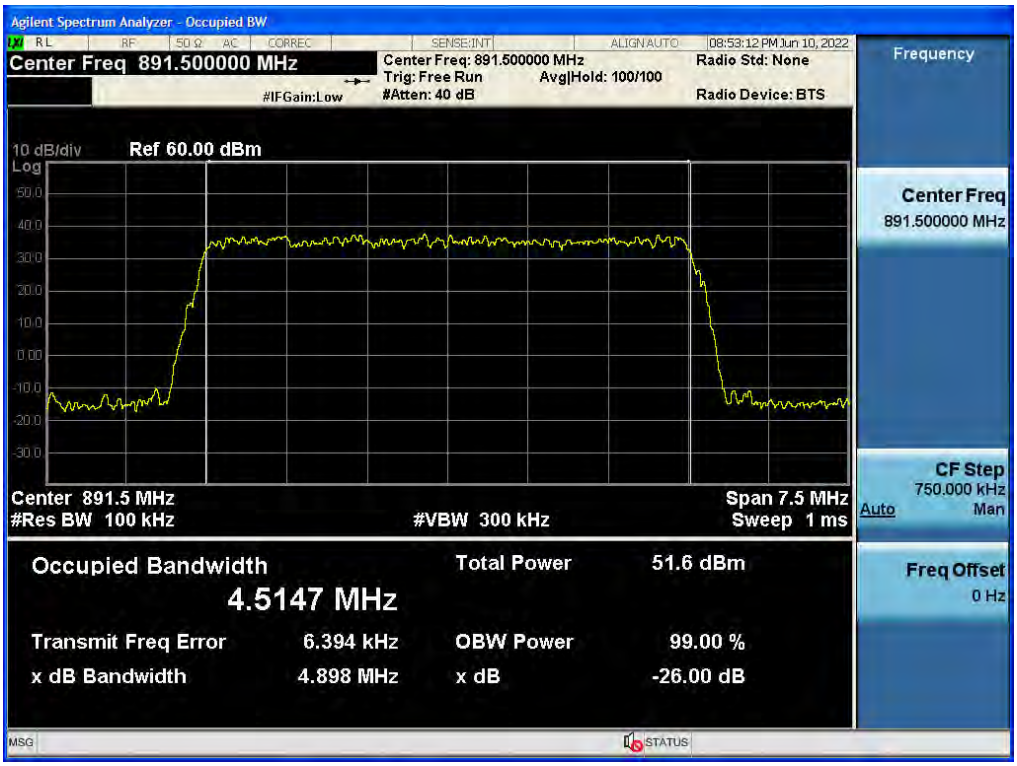
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B5 5 MHz / 64QAM / High



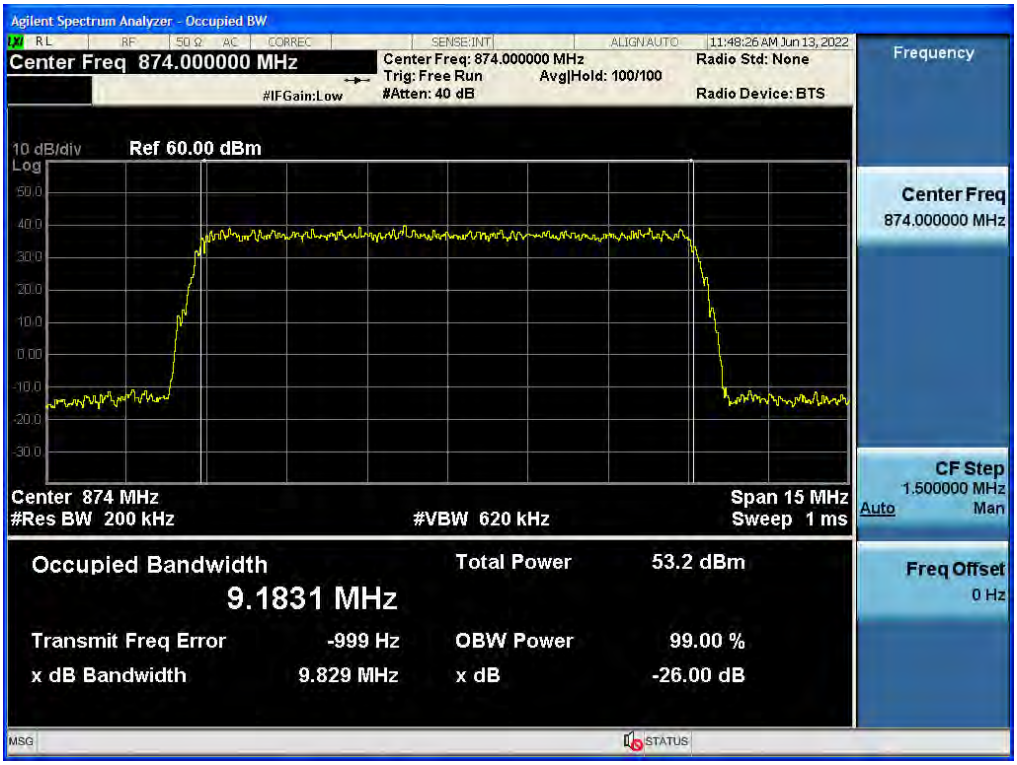
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 64QAM / Low



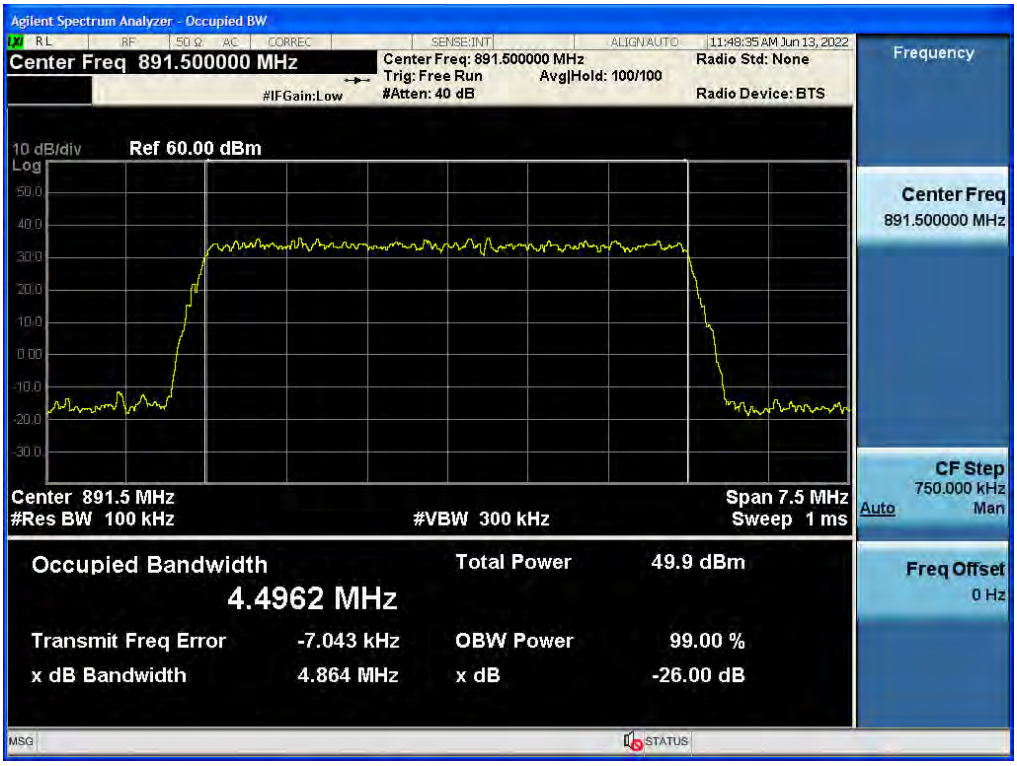
Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B5 5 MHz / 64QAM / High



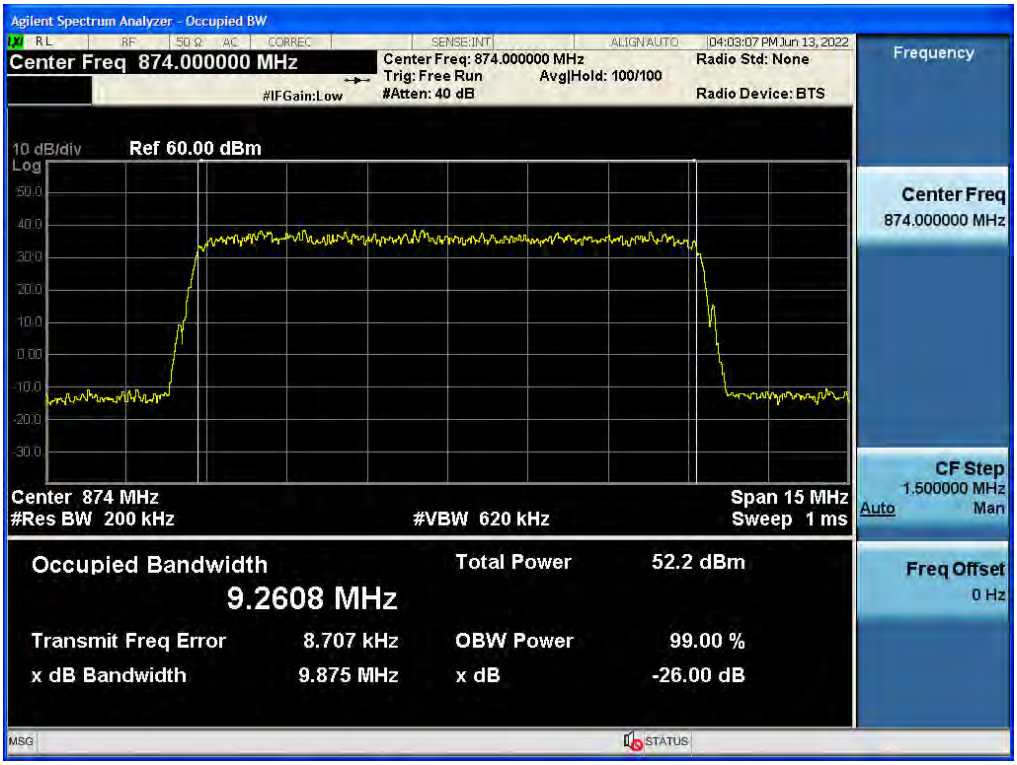
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / QPSK / Low



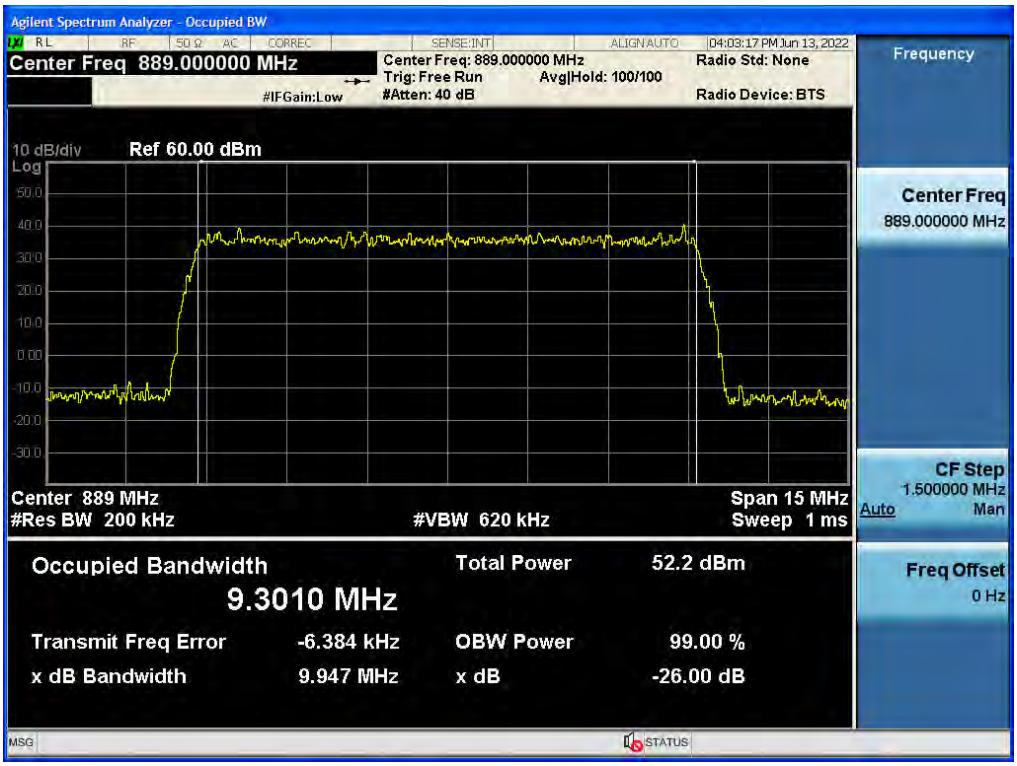
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / QPSK / High



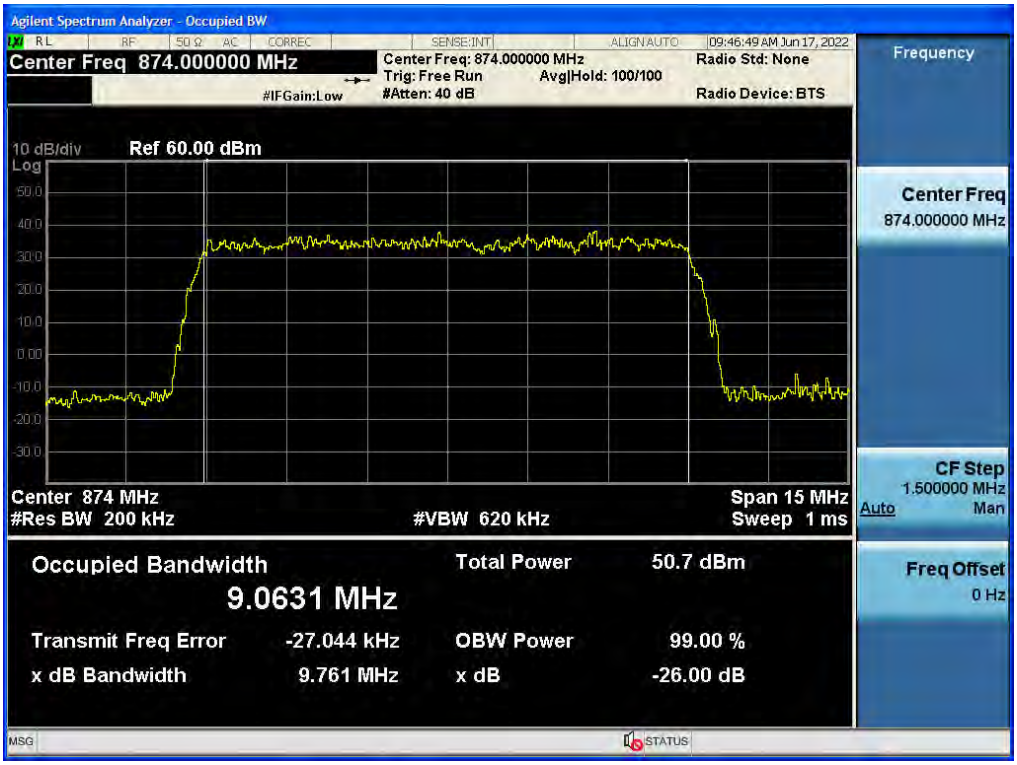
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / 256QAM / Low



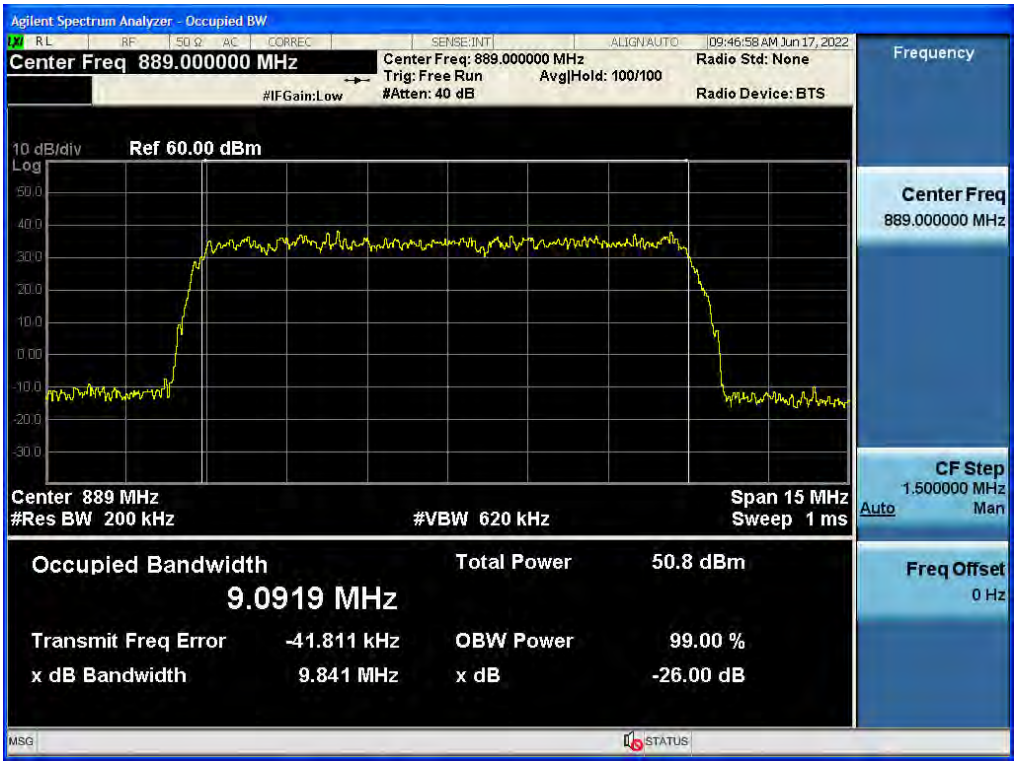
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 10 MHz / 256QAM / High



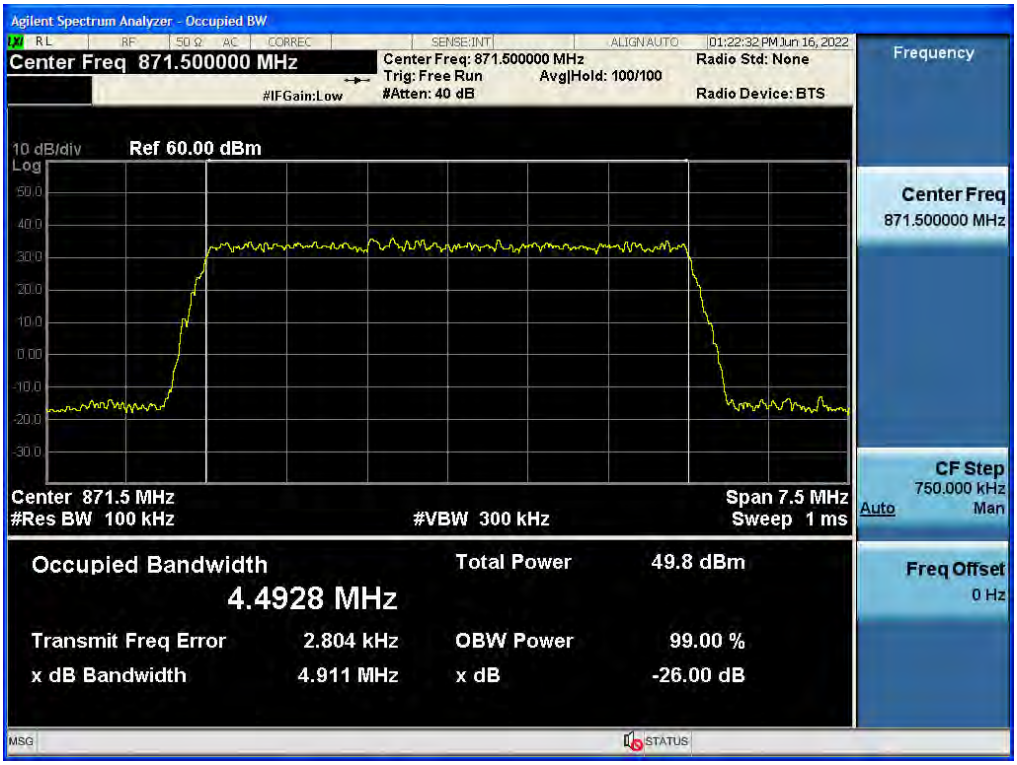
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / 16QAM / Low



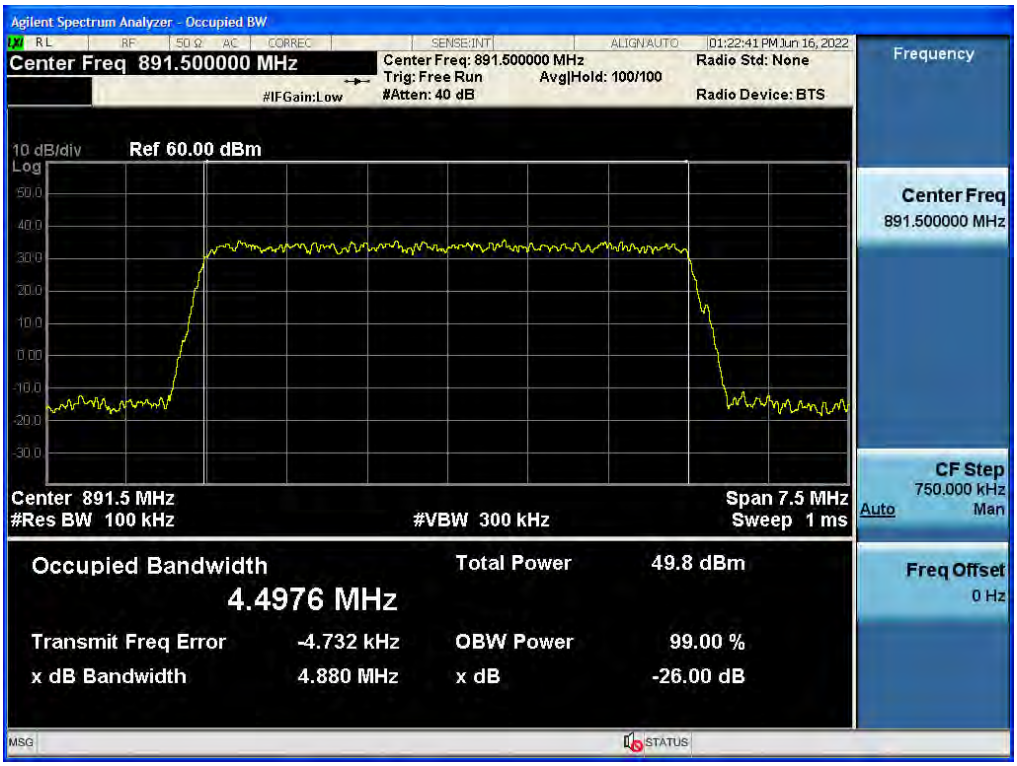
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / 16QAM / High



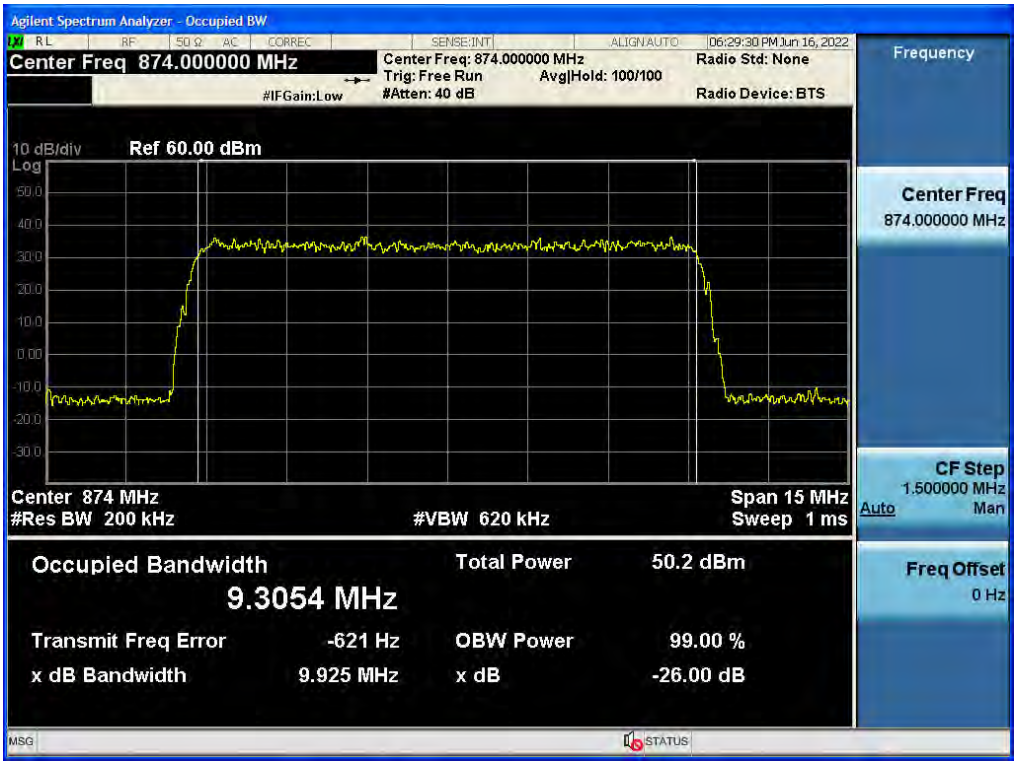
Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 64QAM / Low



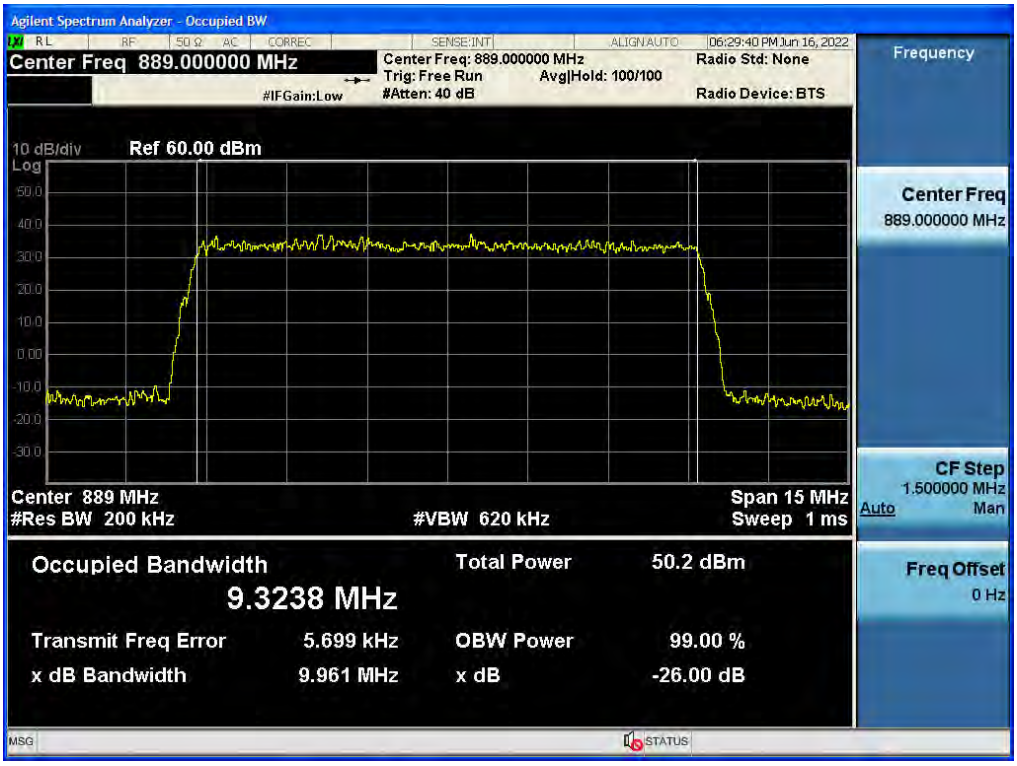
Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 64QAM / High



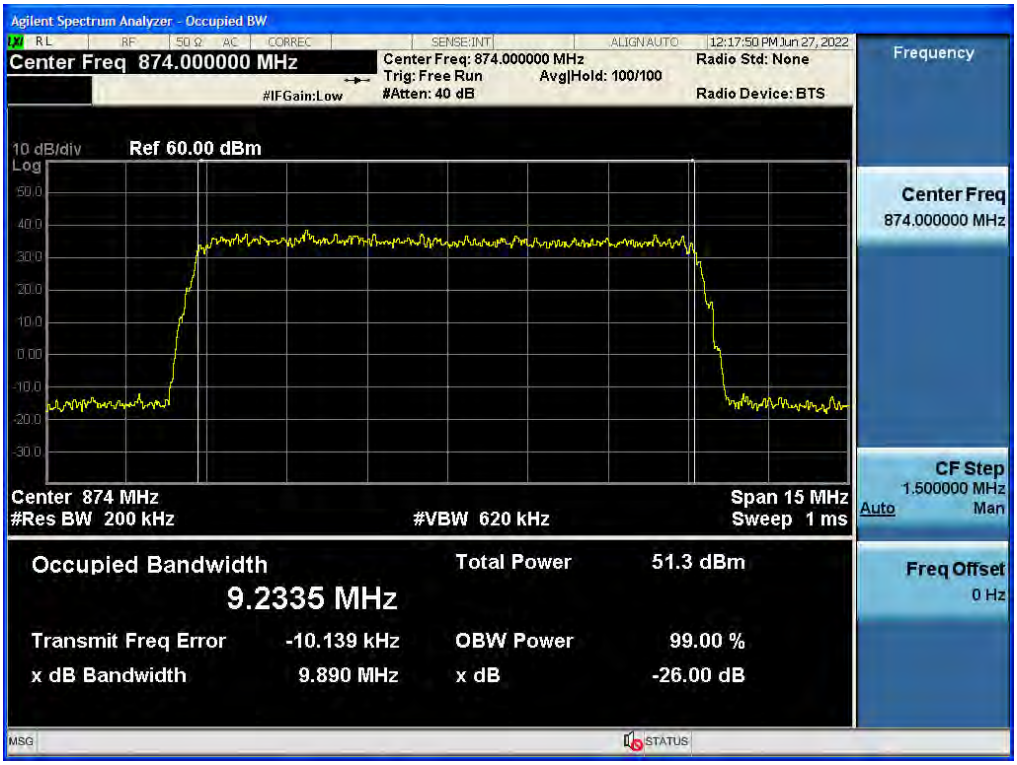
Antenna 0 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 10 MHz / 64QAM / Low



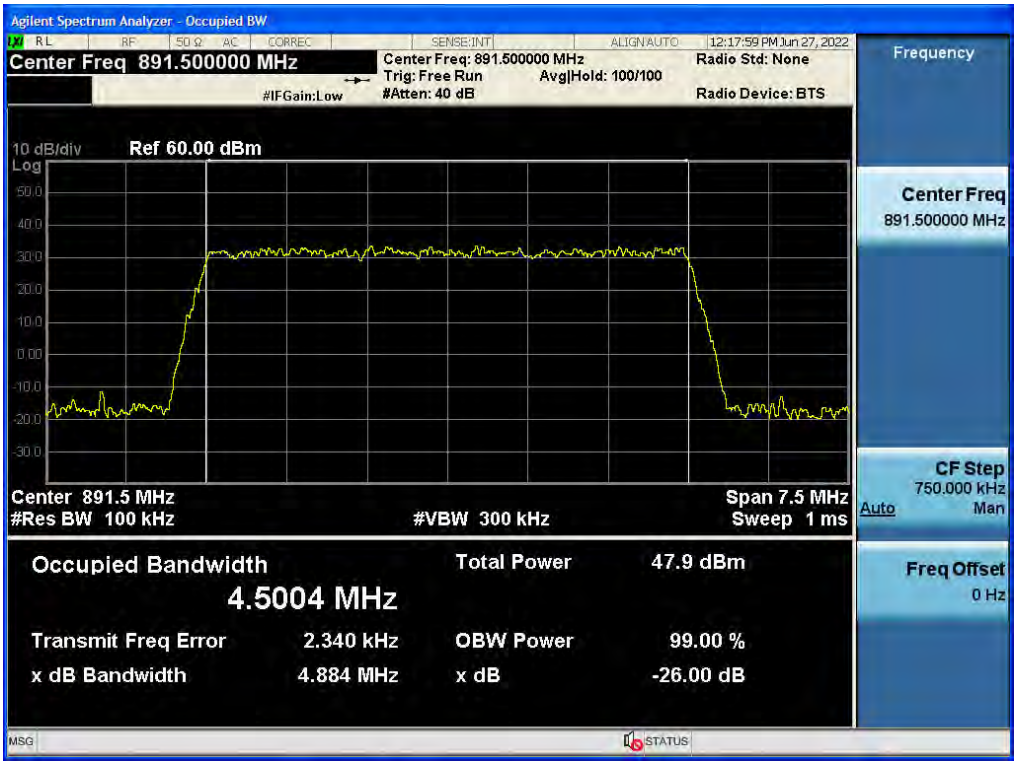
Antenna 0 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 10 MHz / 64QAM / High



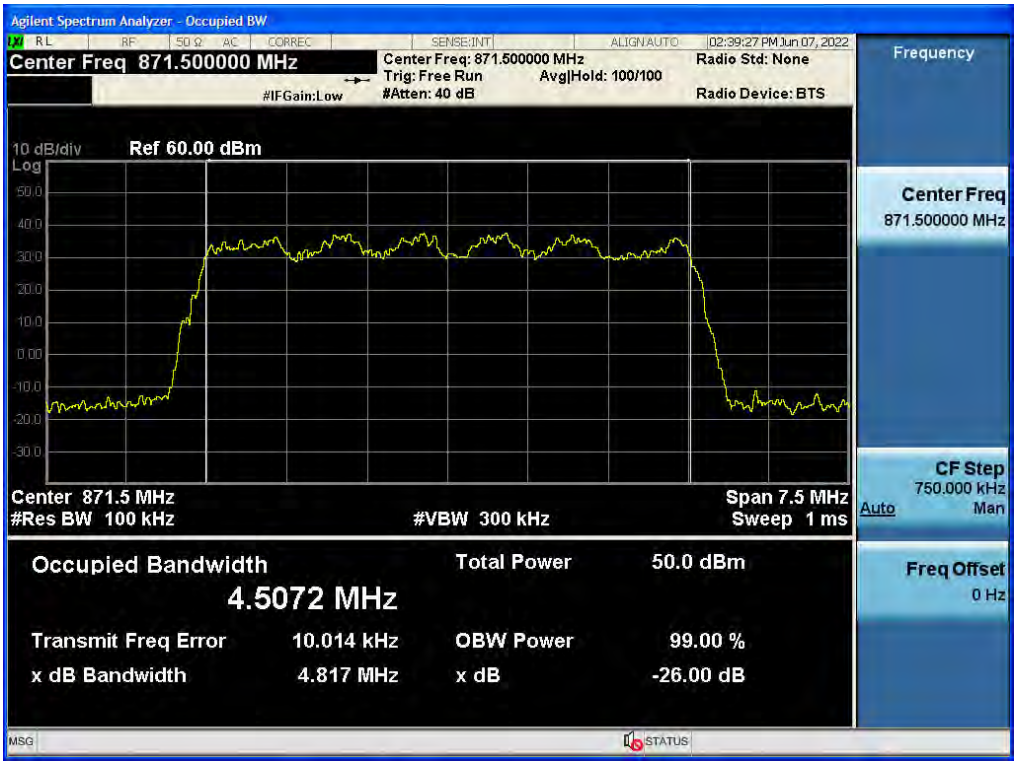
Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / QPSK / Low



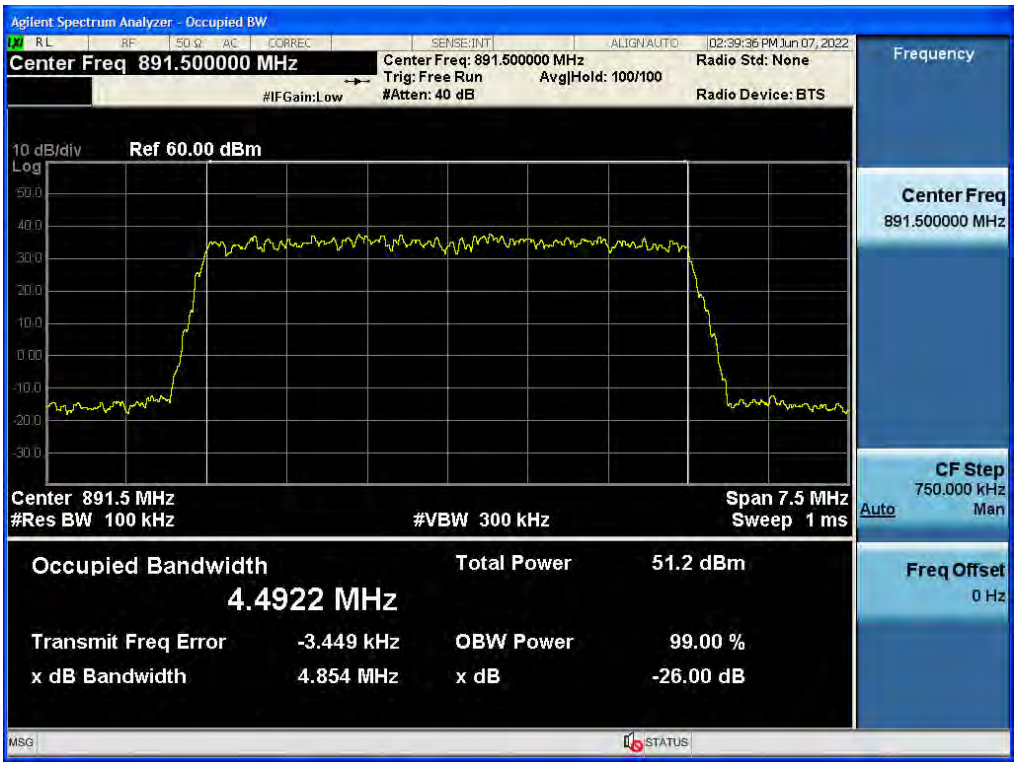
Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B5 5 MHz / QPSK / High



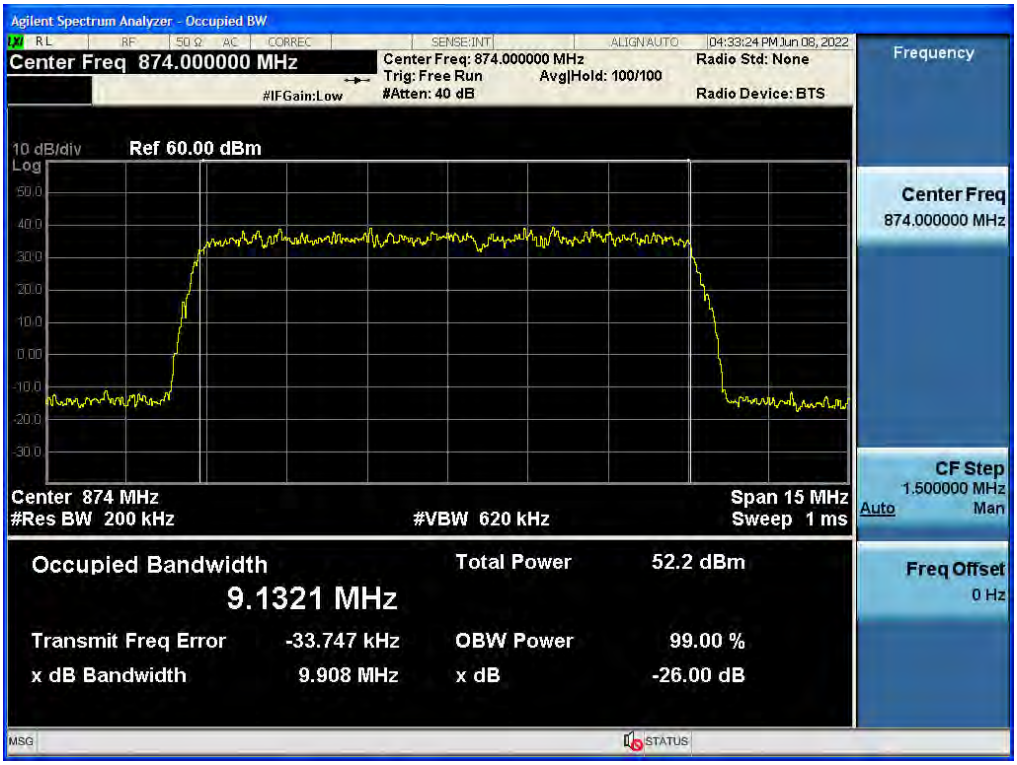
Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 16QAM / Low



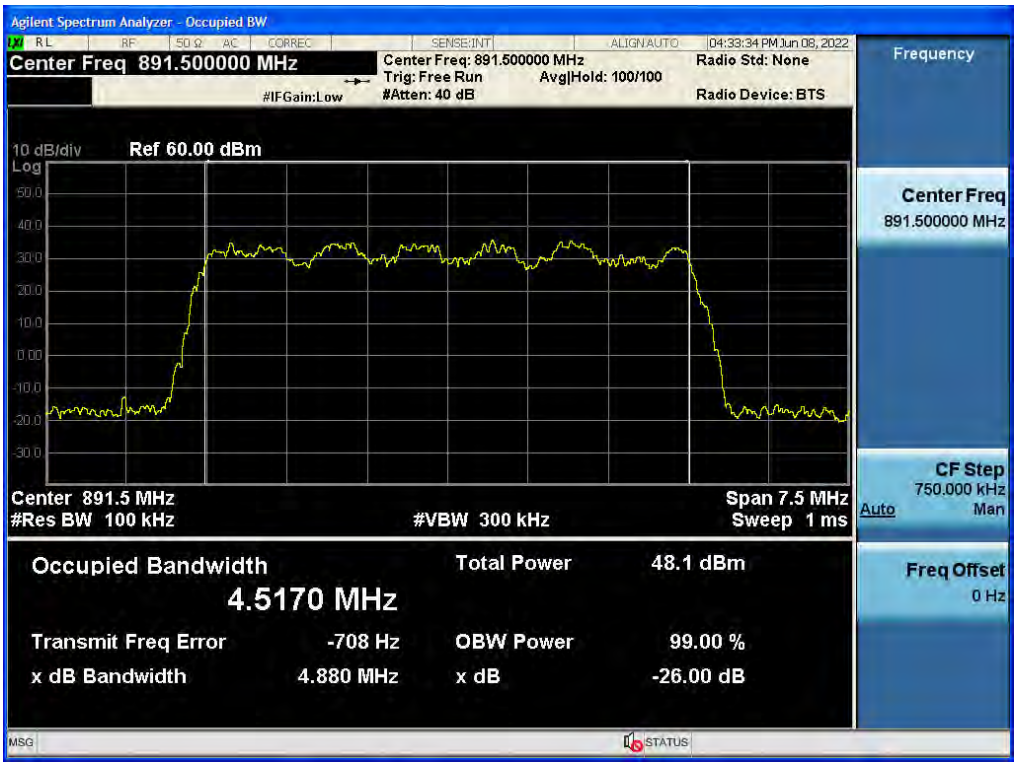
Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / LTE B5 5 MHz / 16QAM / High



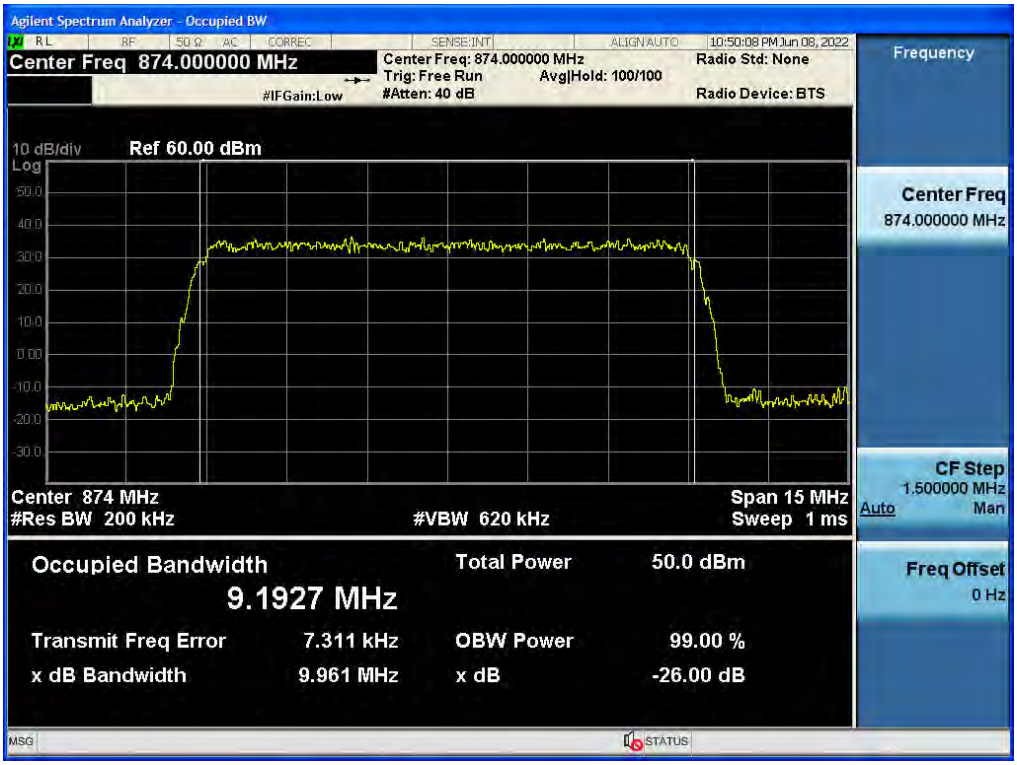
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / 16QAM / Low



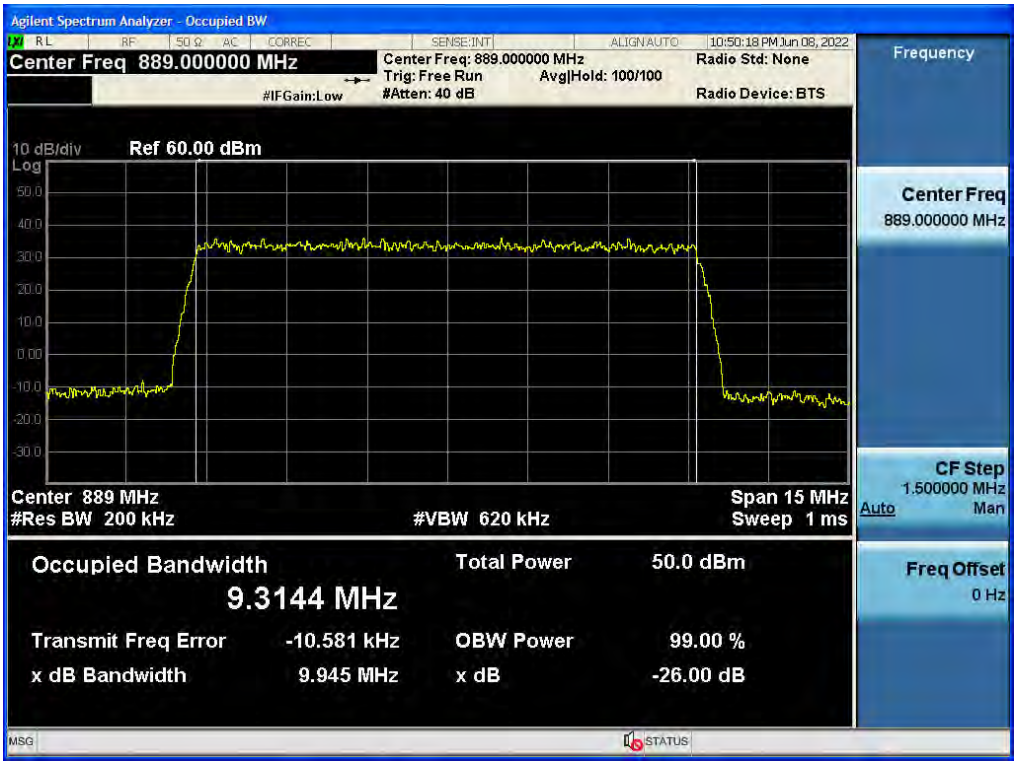
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 5 MHz / 16QAM / High



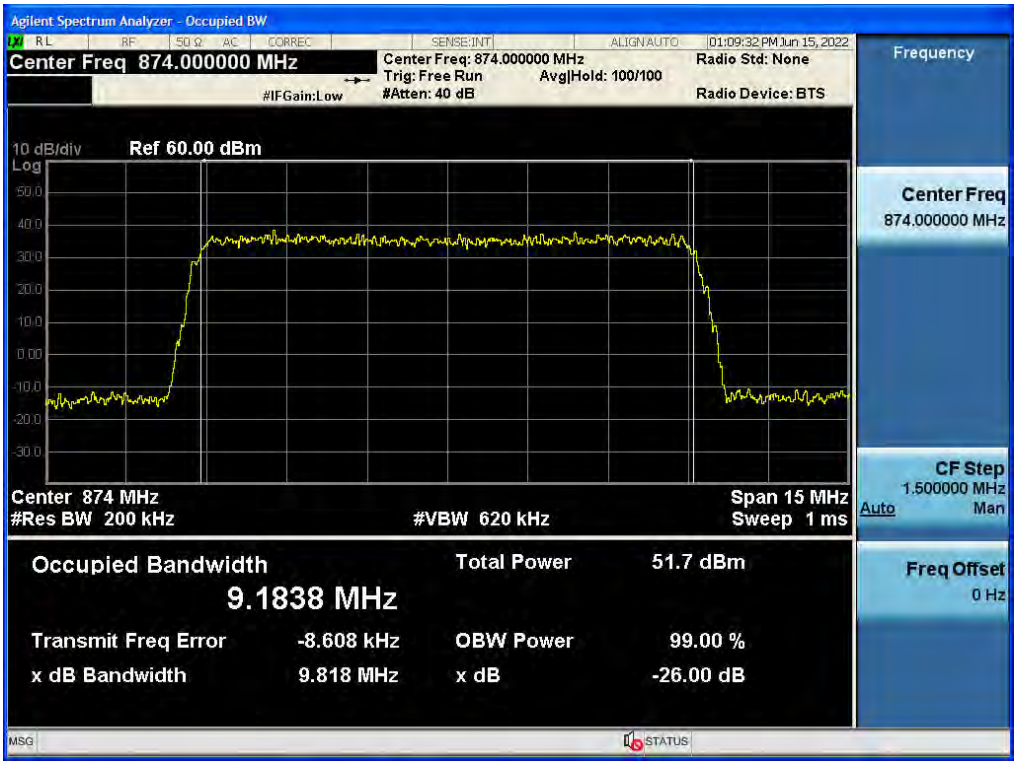
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / B5 DSS 10 MHz / QPSK / Low



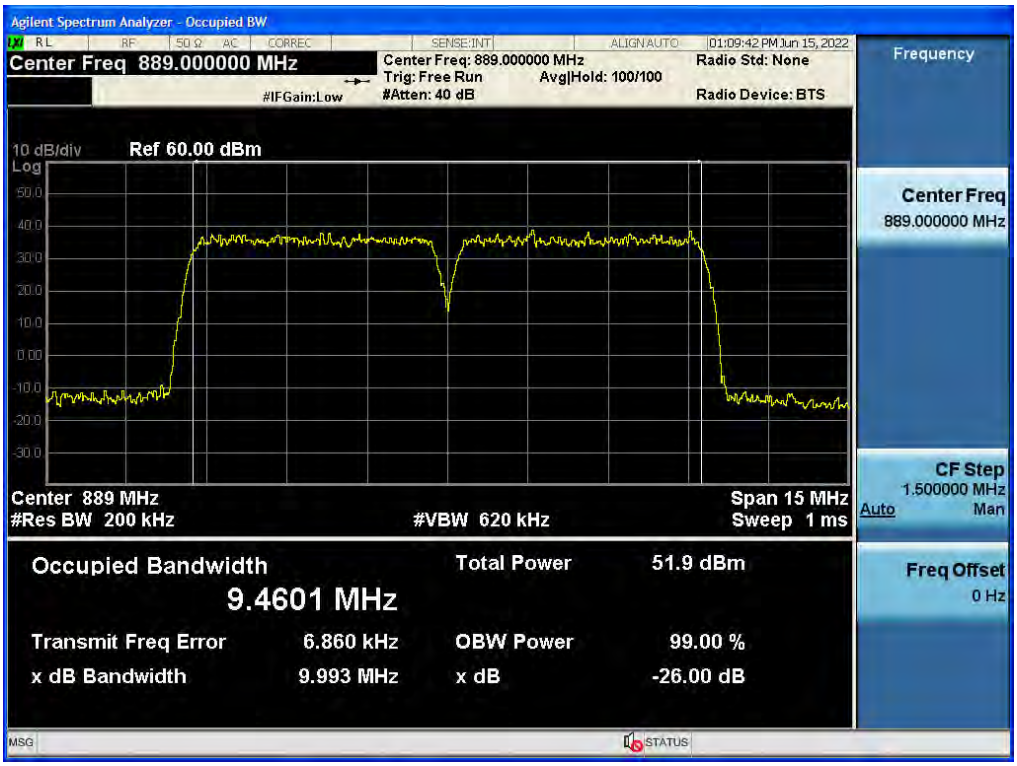
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 5G NR n5 10 MHz / QPSK / High



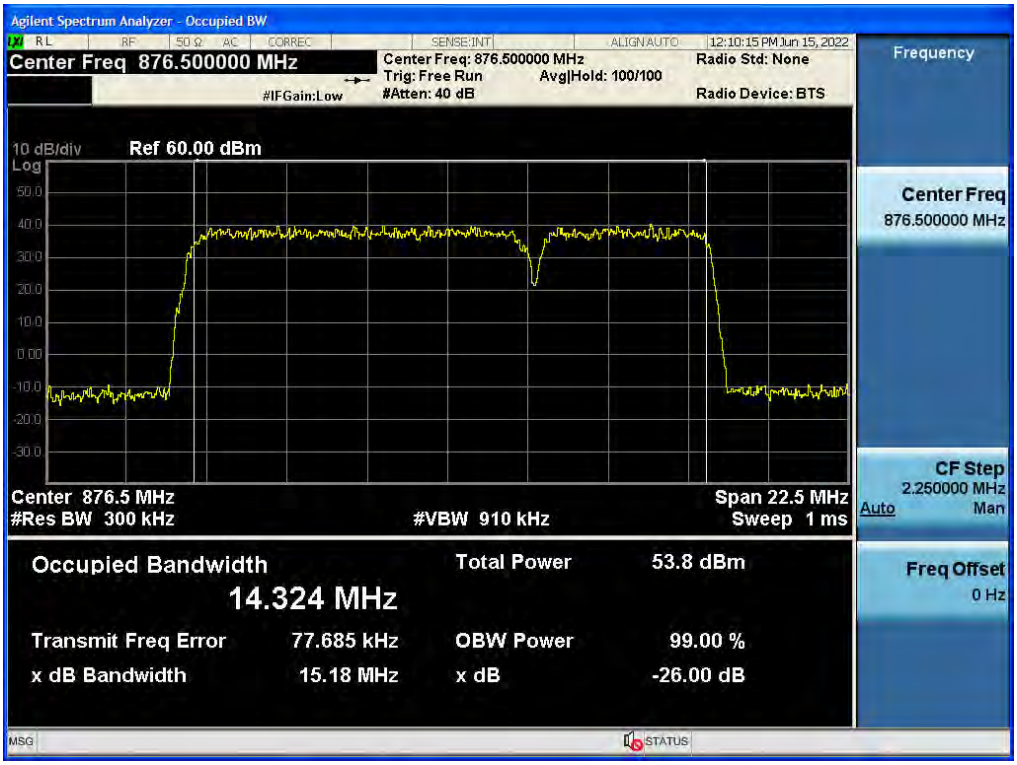
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C) / Non-Contiguous / B5 DSS 10 MHz / 256QAM / Low



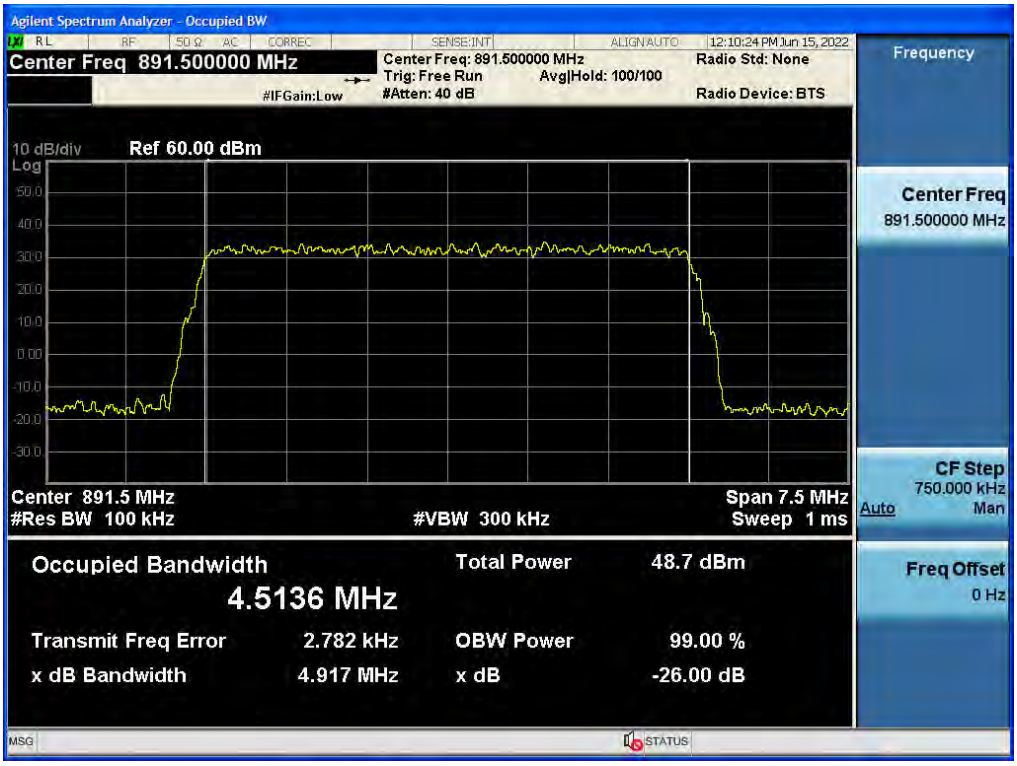
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C) / Non-Contiguous / 5G NR n5 5 MHz + LTE B5 5 MHz / 256QAM / High



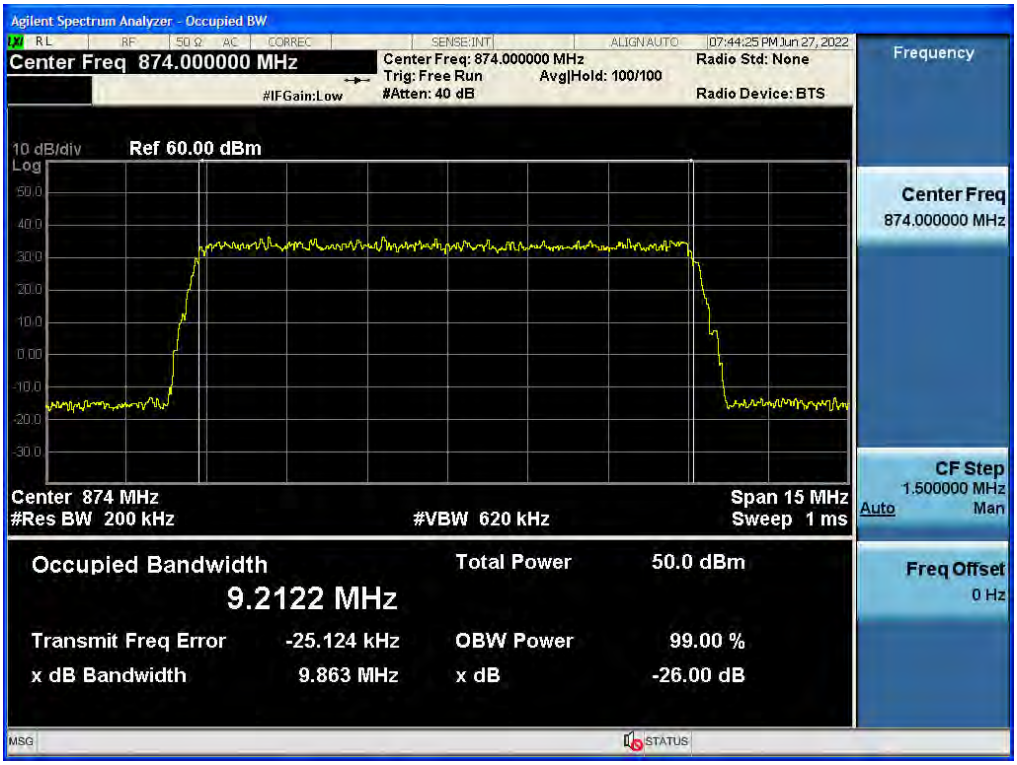
Antenna 0 / (2 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / B5 DSS 10 MHz + 5G NR n5 5 MHz / 64QAM / Low



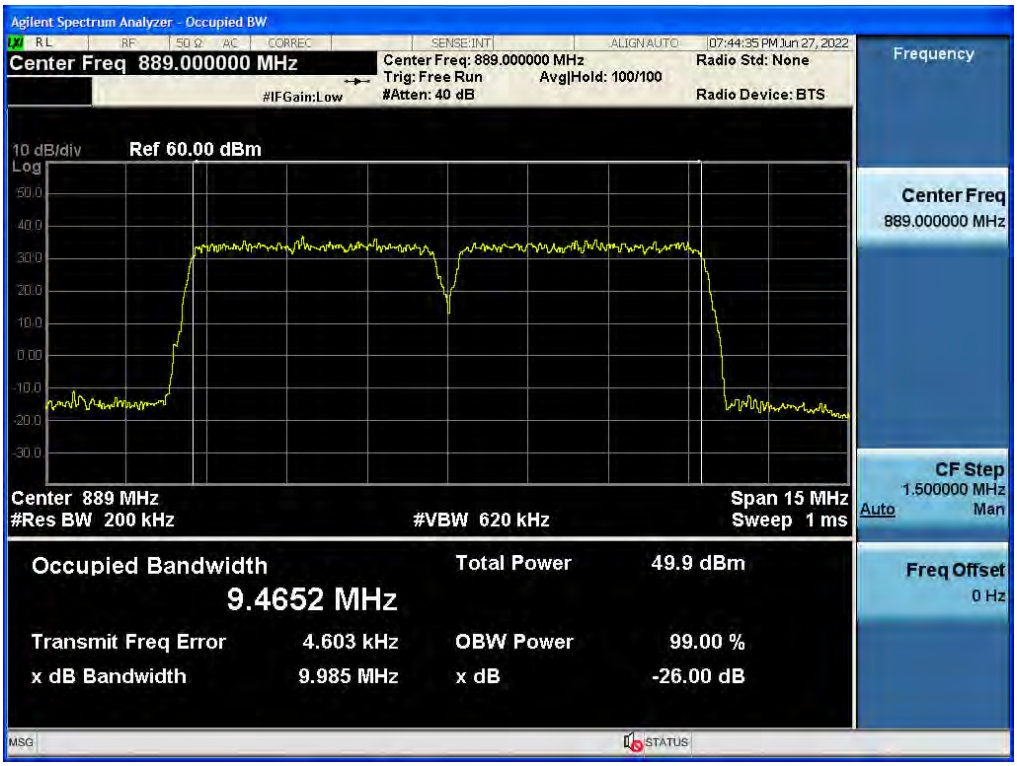
Antenna 0 / (2 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / LTE B5 5 MHz / 64QAM / High



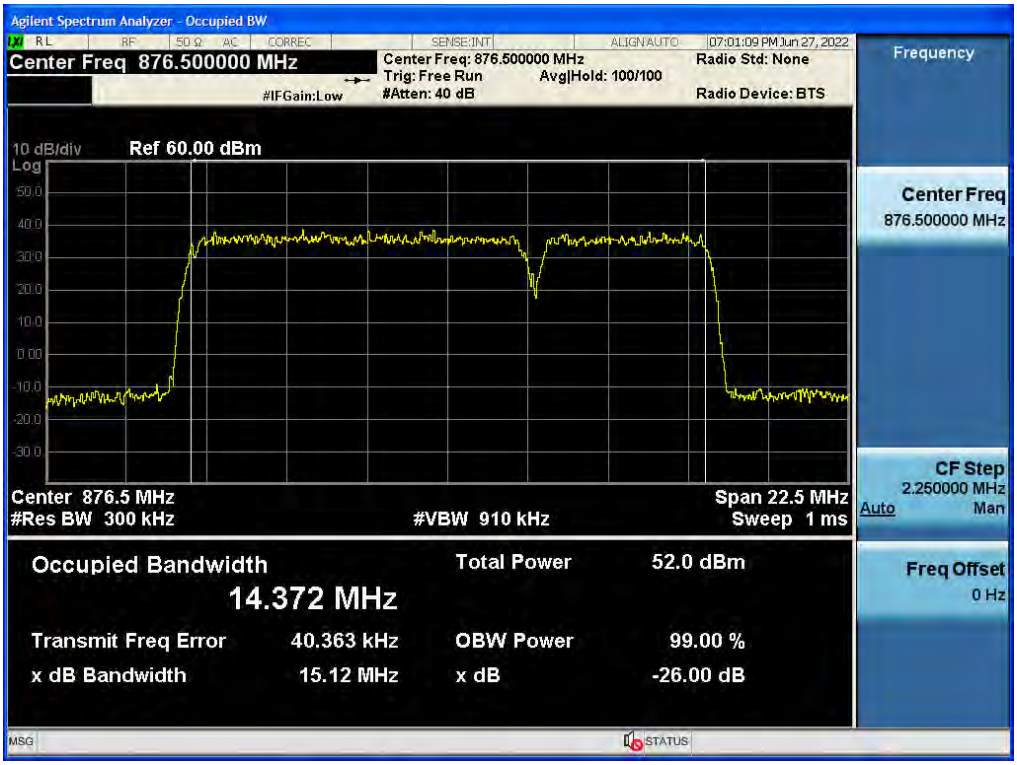
Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C) / Non-Contiguous / B5 DSS 10 MHz / 256QAM / Low



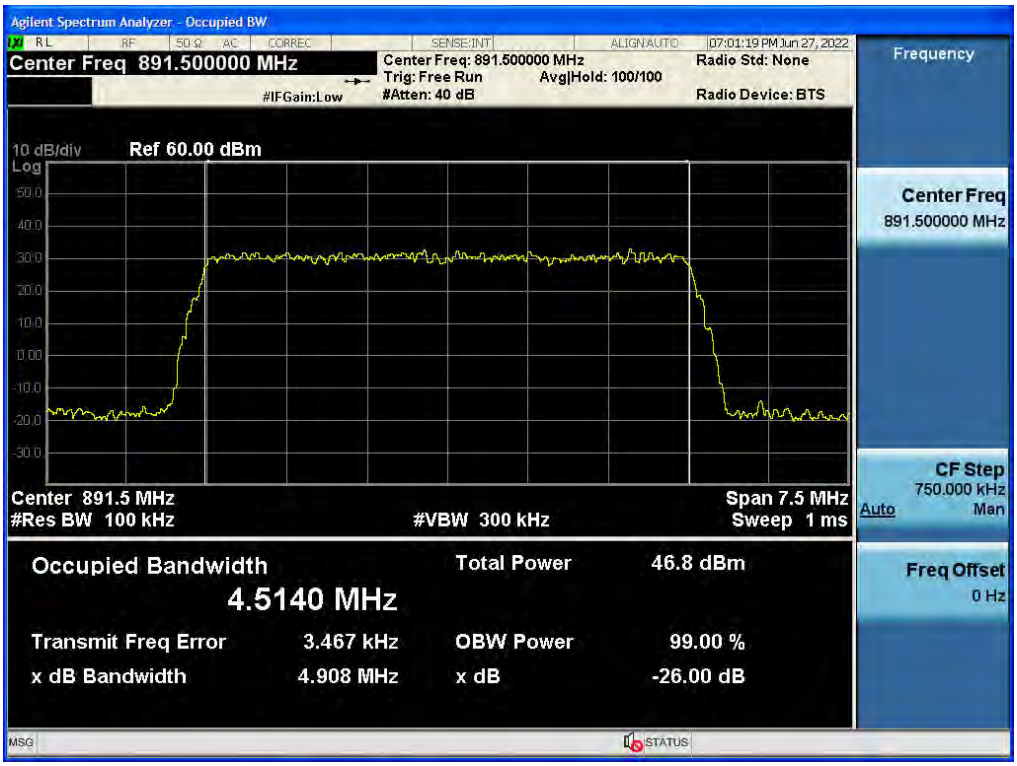
Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C) / Non-Contiguous / 5G NR n5 5 MHz + LTE B5 5 MHz / 256QAM / High



Antenna 1 / (4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / B5 DSS 10 MHz + 5G NR n5 5 MHz / 256QAM / Low



Antenna 1 / (4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C) / Non-Contiguous / LTE B5 5 MHz / 256QAM / High



5.4. OUT-OF-BAND UNWANTED EMISSIONS

Test Requirements:

§ 2.1051 Measurements required: Spurious emissions at antenna terminals.

The radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in § 2.1049 as appropriate. The magnitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be specified.

§ 22.917 Emission limitations for cellular equipment.

The rules in this section govern the spectral characteristics of emissions in the Cellular Radiotelephone Service.

(a) *Out of band emissions.* The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows:

(1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). 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.

(2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz.

(c) *Alternative out of band emission limit.* Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.

(d) *Interference caused by out of band emissions.* If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than specified in this section.

§ 27.53 Emission limits.

(c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;

(4) Omitted

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

Test Procedures:

The measurement is performed in accordance with Section 5.7.3 of ANSI C63.26.

5.7.3 Out-of-band unwanted emissions measurements

a) Set the spectrum analyzer center frequency to the block, band, or channel edge frequency.

b) Set the span wide enough to capture the fundamental emission closest to the authorized block or band edge, and to include all modulation products that spill into the immediately adjacent frequency band. In some cases, it may be possible to set the center frequency and span so as to encompass the fundamental emission and the unwanted out-of-band (band-edge) emissions on either side of the authorized block, band, or channel. This can be accomplished with a single (slow) sweep, if adequate overload protection and sufficient dynamic range can be maintained.

c) Set the number of points in sweep ≥ 2 × span / RBW.

d) Sweep time should be auto for peak detection. For rms detection the sweep time should be set as follows:

   1) If the device can be configured to transmit continuously (duty cycle ≥ 98 %), set the (sweep time) > (number of points in sweep) × (symbol period) (e.g., by a factor of 10 × symbol period × number of points). Increasing the sweep time (i.e., slowing the sweep speed) will allow for averaging over multiple symbols

   2) If the device cannot be configured to transmit continuously (duty cycle < 98 %) and a freerunning sweep must be used, set the sweep time so that the averaging is performed over multiple on/off cycles by setting the sweep time > (number of points in sweep) × (transmitter period) (i.e., the transmit on-time + the off-time). The spectrum analyzer readings shall subsequently be corrected by [10 log (1/duty cycle)]. This assumes that the transmission period and duty cycle is relatively constant (duty cycle variation ≤ ±2 %).

   3) If the device cannot be configured to transmit continuously (duty cycle < 98 %) and a freerunning sweep must be used, set the sweep time so that the averaging is performed over multiple on/off cycles by setting the sweep time > (number of points in sweep) × (transmitter period) (i.e., the transmit on-time + the off-time). The spectrum analyzer readings shall subsequently be corrected by [10 log (1/duty cycle)]. This assumes that the transmission period and duty cycle is relatively constant (duty cycle variation ≤ ±2 %).

   4) If the device cannot be configured to transmit continuously and a free-running sweep must be used, and if the transmissions exhibit a non-constant duty cycle (duty cycle variations > ±2 %), set the sweep time so that the averaging is performed over the on-period by setting the sweep time > (symbol period) × (number of points), while also maintaining the sweep time < (transmitter on-time). The trace mode shall be set to max hold, since not every display point will be averaged only over just the on-time. Thus, multiple sweeps (e.g., 100) in maximum hold are necessary to ensure that the maximum power is measured.

e) The test report shall include the plots of the measuring instrument display and the measured data.

f) See Annex I for example emission mask plots.

Note:

1. Due to MIMO operations, a correction has been added to the limit according to KDB 662911 D01 v02r01.
   - 2Tx MIMO correction: 10 log(N_{ANT}) = 10 log(2) = 3.01 dB // -13 dBm – 10*log (2) = -16.01 dBm
   - 4Tx MIMO correction: 10 log(N_{ANT}) = 10 log(4) = 6.02 dB // -13 dBm – 10*log (4) = -19.02 dBm
2. The results of the Out-of-band Unwanted Emissions test shown above the frequency measured values are very small and similar trend for each port, so we are attached only the worst case plot.

Test Results:

Tabular Data of Out-of-band Unwanted Emissions

(2 Port)B5 DSS 10 MHz 2to8 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-18.04
		High	894.05	-19.90
	16QAM	Low	868.95	-17.86
		High	894.05	-19.96
	64QAM	Low	868.95	-19.19
		High	894.05	-18.00
	256QAM	Low	868.95	-19.09
		High	894.05	-17.56
1	QPSK	Low	868.95	-20.68
		High	894.05	-18.67
	16QAM	Low	868.95	-19.31
		High	894.05	-20.23
	64QAM	Low	868.95	-19.53
		High	894.05	-19.18
	256QAM	Low	868.95	-19.81
		High	894.05	-19.57

(2 Port)B5 DSS 10 MHz 5to5 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-19.85
		High	894.05	-19.05
	16QAM	Low	868.95	-18.72
		High	894.05	-19.75
	64QAM	Low	868.95	-18.50
		High	894.05	-18.71
	256QAM	Low	868.95	-18.38
		High	894.05	-17.52
1	QPSK	Low	868.95	-21.05
		High	894.05	-17.59
	16QAM	Low	868.95	-19.64
		High	894.05	-20.77
	64QAM	Low	868.95	-18.84
		High	894.05	-19.20
	256QAM	Low	868.95	-18.35
		High	894.05	-19.40

(2 Port)B5 DSS 10 MHz 9to1 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-19.14
		High	894.05	-22.12
	16QAM	Low	868.95	-19.60
		High	894.05	-18.94
	64QAM	Low	868.95	-20.07
		High	894.05	-20.61
	256QAM	Low	868.95	-18.65
		High	894.05	-20.51
1	QPSK	Low	868.95	-20.31
		High	894.05	-21.05
	16QAM	Low	868.95	-20.52
		High	894.05	-20.74
	64QAM	Low	868.95	-19.50
		High	894.05	-20.09
	256QAM	Low	868.95	-20.60
		High	894.05	-18.25

(2 Port)5G NR n5 5 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-21.52
		High	894.03	-22.79
	16QAM	Low	868.98	-20.35
		High	894.03	-19.99
	64QAM	Low	868.98	-21.17
		High	894.03	-19.35
	256QAM	Low	868.98	-20.48
		High	894.03	-22.81
1	QPSK	Low	868.98	-20.98
		High	894.03	-22.15
	16QAM	Low	868.98	-20.40
		High	894.03	-22.39
	64QAM	Low	868.98	-20.34
		High	894.03	-20.84
	256QAM	Low	868.98	-22.31
		High	894.03	-20.24

(2 Port)5G NR n5 10 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-17.69
		High	894.05	-18.68
	16QAM	Low	868.95	-21.98
		High	894.05	-22.08
	64QAM	Low	868.95	-19.80
		High	894.05	-18.82
	256QAM	Low	868.95	-19.94
		High	894.05	-18.47
1	QPSK	Low	868.95	-19.26
		High	894.05	-18.58
	16QAM	Low	868.95	-20.46
		High	894.05	-18.58
	64QAM	Low	868.95	-18.69
		High	894.05	-19.35
	256QAM	Low	868.95	-18.36
		High	894.05	-19.48

(4 Port)5G NR n5 5 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-21.96
		High	894.03	-22.68
	16QAM	Low	868.98	-21.89
		High	894.03	-21.60
	64QAM	Low	868.98	-21.32
		High	894.03	-24.17
	256QAM	Low	868.98	-23.66
		High	894.03	-22.00
1	QPSK	Low	868.98	-22.98
		High	894.03	-23.83
	16QAM	Low	868.98	-23.42
		High	894.03	-23.16
	64QAM	Low	868.98	-21.67
		High	894.03	-25.23
	256QAM	Low	868.98	-24.33
		High	894.03	-26.24
2	QPSK	Low	868.98	-24.66
		High	894.03	-22.71
	16QAM	Low	868.98	-21.65
		High	894.03	-25.08
	64QAM	Low	868.98	-24.34
		High	894.03	-23.19
	256QAM	Low	868.98	-26.03
		High	894.03	-24.66
3	QPSK	Low	868.98	-22.55
		High	894.03	-23.41
	16QAM	Low	868.98	-22.55
		High	894.03	-23.63
	64QAM	Low	868.98	-21.96
		High	894.03	-24.45
	256QAM	Low	868.98	-22.61
		High	894.03	-24.73

(2 Port)LTE B13 5 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	745.99	-24.31
		High	756.02	-26.67
	16QAM	Low	745.99	-24.22
		High	756.02	-24.23
	64QAM	Low	745.99	-25.46
		High	756.02	-24.19
	256QAM	Low	745.99	-27.00
		High	756.02	-25.19
1	QPSK	Low	745.99	-25.22
		High	756.02	-25.24
	16QAM	Low	745.99	-25.20
		High	756.02	-25.10
	64QAM	Low	745.99	-24.07
		High	756.02	-23.91
	256QAM	Low	745.99	-24.87
		High	756.02	-24.32

(4 Port)LTE B13 5 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	745.99	-27.32
		High	756.02	-24.38
	16QAM	Low	745.99	-27.07
		High	756.02	-26.55
	64QAM	Low	745.99	-27.05
		High	756.02	-26.03
	256QAM	Low	745.99	-25.89
		High	756.02	-26.08
1	QPSK	Low	745.99	-27.58
		High	756.02	-26.82
	16QAM	Low	745.99	-27.29
		High	756.02	-25.03
	64QAM	Low	745.99	-27.13
		High	756.02	-26.30
	256QAM	Low	745.99	-26.63
		High	756.02	-25.54
2	QPSK	Low	745.99	-27.01
		High	756.02	-26.55
	16QAM	Low	745.99	-27.97
		High	756.02	-25.95
	64QAM	Low	745.99	-27.33
		High	756.02	-25.32
	256QAM	Low	745.99	-26.02
		High	756.02	-27.60
3	QPSK	Low	745.99	-26.10
		High	756.02	-26.65
	16QAM	Low	745.99	-27.83
		High	756.02	-26.28
	64QAM	Low	745.99	-27.30
		High	756.02	-27.03
	256QAM	Low	745.99	-27.38
		High	756.02	-25.76

Tabular Data of Contiguous Out-of-band Unwanted Emissions

(2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-21.45
		High	894.05	-22.01
	16QAM	Low	868.95	-21.62
		High	894.05	-21.74
	64QAM	Low	868.95	-22.86
		High	894.05	-22.36
	256QAM	Low	868.95	-21.05
		High	894.05	-22.78
1	QPSK	Low	868.95	-22.76
		High	894.05	-21.91
	16QAM	Low	868.73	-23.25
		High	894.05	-22.58
	64QAM	Low	868.95	-21.72
		High	894.05	-24.18
	256QAM	Low	868.95	-23.26
		High	894.05	-22.44

(2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-23.09
		High	894.03	-21.87
	16QAM	Low	868.98	-20.90
		High	894.03	-22.71
	64QAM	Low	868.98	-19.70
		High	894.03	-21.90
	256QAM	Low	868.98	-22.90
		High	894.03	-25.10
1	QPSK	Low	868.98	-23.05
		High	894.03	-21.60
	16QAM	Low	868.98	-21.27
		High	894.03	-22.36
	64QAM	Low	868.98	-22.96
		High	894.03	-23.77
	256QAM	Low	868.98	-21.88
		High	894.03	-22.44

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-22.42
		High	894.05	-20.98
	16QAM	Low	868.95	-19.51
		High	894.05	-20.67
	64QAM	Low	868.95	-19.31
		High	894.05	-22.06
	256QAM	Low	868.95	-21.40
		High	894.05	-20.21
1	QPSK	Low	868.37	-23.21
		High	894.05	-20.51
	16QAM	Low	868.95	-21.55
		High	894.05	-22.44
	64QAM	Low	868.95	-20.10
		High	894.05	-22.45
	256QAM	Low	868.95	-19.97
		High	894.05	-28.04

(2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-20.21
		High	894.05	-20.37
	16QAM	Low	868.95	-21.48
		High	894.05	-22.65
	64QAM	Low	868.95	-21.15
		High	894.05	-21.36
	256QAM	Low	868.95	-21.64
		High	894.05	-21.80
1	QPSK	Low	868.95	-20.93
		High	894.05	-20.98
	16QAM	Low	868.95	-23.08
		High	894.05	-21.56
	64QAM	Low	868.95	-21.65
		High	894.05	-18.64
	256QAM	Low	868.95	-21.24
		High	894.05	-21.31

(2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-22.18
		High	894.03	-24.13
	16QAM	Low	868.98	-21.59
		High	894.03	-22.25
	64QAM	Low	868.98	-21.39
		High	894.03	-22.26
	256QAM	Low	868.98	-22.48
		High	894.03	-24.98
1	QPSK	Low	868.98	-22.21
		High	894.03	-23.67
	16QAM	Low	868.98	-20.97
		High	894.03	-21.82
	64QAM	Low	868.98	-22.48
		High	894.03	-23.20
	256QAM	Low	868.98	-23.24
		High	894.03	-21.67

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-21.46
		High	894.05	-24.32
	16QAM	Low	868.95	-20.73
		High	894.05	-21.90
	64QAM	Low	868.95	-21.43
		High	894.05	-21.67
	256QAM	Low	868.95	-20.03
		High	894.05	-23.54
1	QPSK	Low	868.95	-21.69
		High	894.05	-21.45
	16QAM	Low	868.95	-22.28
		High	894.05	-22.09
	64QAM	Low	868.95	-20.56
		High	894.05	-19.70
	256QAM	Low	868.95	-20.40
		High	894.05	-22.21

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-20.84
		High	894.05	-20.72
	16QAM	Low	868.95	-22.01
		High	894.05	-21.58
	64QAM	Low	868.95	-20.85
		High	894.05	-20.76
	256QAM	Low	868.95	-23.44
		High	894.05	-20.03
1	QPSK	Low	868.95	-21.80
		High	894.05	-22.34
	16QAM	Low	868.95	-21.43
		High	894.05	-22.29
	64QAM	Low	868.95	-22.53
		High	894.05	-21.46
	256QAM	Low	868.95	-22.37
		High	894.05	-19.31

(4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-23.20
		High	894.05	-23.97
	16QAM	Low	868.95	-22.59
		High	894.05	-22.28
	64QAM	Low	868.95	-21.70
		High	894.05	-22.89
	256QAM	Low	868.95	-23.67
		High	894.05	-22.96
1	QPSK	Low	868.95	-23.09
		High	894.05	-21.22
	16QAM	Low	868.95	-23.98
		High	894.05	-21.86
	64QAM	Low	868.95	-23.08
		High	894.05	-22.76
	256QAM	Low	868.95	-24.21
		High	894.05	-21.76
2	QPSK	Low	868.95	-23.68
		High	894.05	-22.94
	16QAM	Low	868.95	-24.66
		High	894.05	-23.15
	64QAM	Low	868.95	-23.19
		High	894.05	-22.41
	256QAM	Low	868.95	-23.67
		High	894.05	-23.71
3	QPSK	Low	868.95	-22.44
		High	894.05	-21.99
	16QAM	Low	868.95	-23.96
		High	894.05	-22.97
	64QAM	Low	868.95	-22.69
		High	894.05	-23.21
	256QAM	Low	868.95	-23.67
		High	894.05	-22.78

(4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-22.99
		High	894.03	-25.43
	16QAM	Low	868.98	-23.85
		High	894.03	-22.07
	64QAM	Low	868.98	-22.02
		High	894.03	-23.04
	256QAM	Low	868.98	-22.01
		High	894.03	-22.37
1	QPSK	Low	868.98	-21.95
		High	894.03	-24.96
	16QAM	Low	868.98	-22.90
		High	894.03	-24.38
	64QAM	Low	868.98	-23.36
		High	894.03	-24.06
	256QAM	Low	868.98	-24.81
		High	894.03	-24.11
2	QPSK	Low	868.98	-23.99
		High	894.03	-24.88
	16QAM	Low	868.98	-23.79
		High	894.03	-24.73
	64QAM	Low	868.98	-23.86
		High	894.03	-24.89
	256QAM	Low	868.98	-22.69
		High	894.03	-24.48
3	QPSK	Low	868.98	-21.80
		High	894.03	-24.60
	16QAM	Low	868.98	-24.48
		High	894.03	-24.62
	64QAM	Low	868.98	-22.37
		High	894.03	-22.69
	256QAM	Low	868.98	-22.44
		High	894.03	-25.65

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-22.87
		High	894.05	-20.61
	16QAM	Low	868.95	-22.11
		High	894.05	-21.90
	64QAM	Low	868.95	-21.90
		High	894.05	-24.34
	256QAM	Low	868.95	-22.35
		High	894.05	-22.67
1	QPSK	Low	868.95	-21.26
		High	894.05	-20.69
	16QAM	Low	868.95	-21.27
		High	894.05	-23.73
	64QAM	Low	868.95	-23.25
		High	894.05	-23.23
	256QAM	Low	868.95	-22.75
		High	894.05	-21.95
2	QPSK	Low	868.95	-23.26
		High	894.05	-23.64
	16QAM	Low	868.95	-23.56
		High	894.05	-22.72
	64QAM	Low	868.95	-23.61
		High	894.05	-23.27
	256QAM	Low	868.95	-23.39
		High	894.05	-21.17
3	QPSK	Low	868.95	-21.99
		High	894.05	-23.98
	16QAM	Low	868.95	-22.86
		High	894.05	-23.62
	64QAM	Low	868.95	-22.38
		High	894.05	-22.17
	256QAM	Low	868.95	-21.93
		High	894.05	-24.63

(4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-23.57
		High	894.05	-21.94
	16QAM	Low	868.95	-24.31
		High	894.05	-23.50
	64QAM	Low	868.95	-23.15
		High	894.05	-23.58
	256QAM	Low	868.95	-22.97
		High	894.05	-23.02
1	QPSK	Low	868.95	-22.20
		High	894.05	-24.08
	16QAM	Low	868.95	-23.69
		High	894.05	-24.16
	64QAM	Low	868.95	-22.95
		High	894.05	-22.27
	256QAM	Low	868.95	-24.30
		High	894.05	-22.05
2	QPSK	Low	868.95	-23.11
		High	894.05	-23.00
	16QAM	Low	868.95	-23.55
		High	894.05	-23.53
	64QAM	Low	868.95	-23.30
		High	894.05	-23.72
	256QAM	Low	868.95	-22.40
		High	894.05	-23.62
3	QPSK	Low	868.95	-22.66
		High	894.05	-23.35
	16QAM	Low	868.95	-24.20
		High	894.05	-22.68
	64QAM	Low	868.95	-24.70
		High	894.05	-24.42
	256QAM	Low	868.95	-23.62
		High	894.05	-23.96

(4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-24.75
		High	894.03	-25.20
	16QAM	Low	868.98	-22.07
		High	894.03	-24.49
	64QAM	Low	868.98	-22.82
		High	894.03	-24.09
	256QAM	Low	868.98	-24.99
		High	894.03	-22.77
1	QPSK	Low	868.98	-24.42
		High	894.03	-23.79
	16QAM	Low	868.98	-23.33
		High	894.03	-23.51
	64QAM	Low	868.98	-22.08
		High	894.03	-24.03
	256QAM	Low	868.98	-22.50
		High	894.03	-23.77
2	QPSK	Low	868.98	-23.38
		High	894.03	-23.53
	16QAM	Low	868.98	-23.61
		High	894.03	-23.31
	64QAM	Low	868.98	-23.25
		High	894.03	-25.00
	256QAM	Low	868.98	-23.05
		High	894.03	-24.68
3	QPSK	Low	868.98	-23.69
		High	894.03	-25.22
	16QAM	Low	868.98	-23.81
		High	894.03	-24.72
	64QAM	Low	868.98	-22.83
		High	894.03	-24.87
	256QAM	Low	868.98	-23.52
		High	894.03	-23.94

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-22.08
		High	894.05	-22.99
	16QAM	Low	868.95	-21.15
		High	894.05	-23.94
	64QAM	Low	868.95	-21.59
		High	894.05	-23.08
	256QAM	Low	868.95	-22.04
		High	894.05	-22.31
1	QPSK	Low	868.95	-22.21
		High	894.05	-22.04
	16QAM	Low	868.95	-23.76
		High	894.05	-23.49
	64QAM	Low	868.95	-22.12
		High	894.05	-23.47
	256QAM	Low	868.95	-23.69
		High	894.05	-20.97
2	QPSK	Low	868.95	-24.18
		High	894.05	-22.55
	16QAM	Low	868.95	-23.77
		High	894.05	-21.49
	64QAM	Low	868.95	-23.22
		High	894.05	-22.93
	256QAM	Low	868.95	-23.04
		High	894.05	-23.49
3	QPSK	Low	868.95	-23.22
		High	894.05	-23.09
	16QAM	Low	868.95	-23.92
		High	894.05	-22.15
	64QAM	Low	868.95	-22.91
		High	894.05	-22.57
	256QAM	Low	868.95	-24.35
		High	894.05	-23.24

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-21.93
		High	894.05	-22.27
	16QAM	Low	868.95	-21.18
		High	894.05	-23.35
	64QAM	Low	868.41	-24.32
		High	894.05	-21.50
	256QAM	Low	868.95	-23.51
		High	894.05	-22.31
1	QPSK	Low	868.95	-22.99
		High	894.05	-21.89
	16QAM	Low	868.95	-23.65
		High	894.05	-24.06
	64QAM	Low	868.95	-23.59
		High	894.05	-22.54
	256QAM	Low	868.95	-24.16
		High	894.05	-23.61
2	QPSK	Low	868.95	-23.44
		High	894.05	-22.14
	16QAM	Low	868.95	-24.91
		High	894.05	-23.77
	64QAM	Low	868.95	-24.35
		High	894.05	-22.32
	256QAM	Low	868.95	-23.56
		High	894.05	-23.15
3	QPSK	Low	868.95	-23.59
		High	894.05	-24.82
	16QAM	Low	868.95	-23.92
		High	894.05	-22.52
	64QAM	Low	868.95	-24.22
		High	894.05	-22.60
	256QAM	Low	868.95	-24.53
		High	894.05	-22.72

(2 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	745.99	-23.44
		High	756.02	-24.33
	16QAM	Low	745.99	-25.60
		High	756.02	-24.52
	64QAM	Low	745.99	-24.00
		High	756.02	-23.10
	256QAM	Low	745.99	-23.69
		High	756.02	-24.82
1	QPSK	Low	745.99	-25.29
		High	756.02	-23.91
	16QAM	Low	745.99	-26.21
		High	756.02	-24.45
	64QAM	Low	745.99	-25.37
		High	756.02	-23.65
	256QAM	Low	745.99	-25.52
		High	756.02	-23.20

(4 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	745.99	-26.49
		High	756.02	-25.70
	16QAM	Low	745.99	-26.40
		High	756.02	-24.96
	64QAM	Low	745.99	-26.46
		High	756.02	-26.43
	256QAM	Low	745.98	-27.07
		High	756.02	-25.01
1	QPSK	Low	745.99	-25.90
		High	756.02	-27.00
	16QAM	Low	745.99	-26.26
		High	756.02	-25.09
	64QAM	Low	745.99	-26.02
		High	756.02	-25.52
	256QAM	Low	745.99	-26.32
		High	756.02	-26.01
2	QPSK	Low	745.99	-25.75
		High	756.02	-26.92
	16QAM	Low	745.99	-28.35
		High	756.02	-26.40
	64QAM	Low	745.99	-28.37
		High	756.02	-27.35
	256QAM	Low	745.99	-26.32
		High	756.02	-27.22
3	QPSK	Low	745.99	-26.45
		High	756.02	-24.50
	16QAM	Low	745.99	-27.60
		High	756.02	-26.43
	64QAM	Low	745.99	-26.17
		High	756.02	-25.53
	256QAM	Low	745.99	-26.62
		High	756.02	-25.14

(2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-23.17
		High	894.30	-23.41
	16QAM	Low	868.95	-21.55
		High	894.05	-21.26
	64QAM	Low	868.95	-22.05
		High	894.05	-21.17
	256QAM	Low	868.95	-20.73
		High	894.05	-20.89
1	QPSK	Low	868.95	-22.58
		High	894.05	-21.58
	16QAM	Low	868.95	-22.57
		High	894.05	-21.57
	64QAM	Low	868.95	-21.24
		High	894.05	-22.36
	256QAM	Low	868.95	-22.11
		High	894.05	-21.79

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-22.90
		High	894.03	-27.06
	16QAM	Low	868.95	-23.36
		High	894.03	-26.31
	64QAM	Low	868.95	-23.43
		High	894.03	-25.91
	256QAM	Low	868.95	-23.22
		High	894.03	-26.98
1	QPSK	Low	868.95	-24.07
		High	894.03	-28.11
	16QAM	Low	868.95	-23.68
		High	894.03	-28.41
	64QAM	Low	868.95	-23.33
		High	894.03	-26.37
	256QAM	Low	868.95	-23.79
		High	894.03	-28.23

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-22.12
		High	894.03	-26.89
	16QAM	Low	868.95	-24.10
		High	894.03	-26.54
	64QAM	Low	868.95	-23.73
		High	894.03	-26.48
	256QAM	Low	868.35	-24.15
		High	894.03	-25.70
1	QPSK	Low	868.95	-22.99
		High	894.37	-26.70
	16QAM	Low	868.95	-23.29
		High	894.03	-27.02
	64QAM	Low	868.95	-22.56
		High	894.03	-27.24
	256QAM	Low	868.95	-23.91
		High	894.03	-25.93

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-21.52
		High	894.05	-19.87
	16QAM	Low	868.95	-21.66
		High	894.05	-21.47
	64QAM	Low	868.95	-21.31
		High	894.05	-19.66
	256QAM	Low	868.95	-22.24
		High	894.05	-21.57
1	QPSK	Low	868.95	-20.71
		High	894.05	-19.24
	16QAM	Low	868.95	-21.64
		High	894.05	-21.14
	64QAM	Low	868.95	-20.92
		High	894.05	-20.96
	256QAM	Low	868.95	-23.02
		High	894.05	-21.26

(4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier + LTE B5 10 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-24.69
		High	894.05	-22.45
	16QAM	Low	868.95	-21.71
		High	894.05	-22.30
	64QAM	Low	868.95	-24.32
		High	894.05	-22.74
	256QAM	Low	868.95	-23.96
		High	894.05	-22.47
1	QPSK	Low	868.95	-21.71
		High	894.05	-23.53
	16QAM	Low	868.95	-22.00
		High	894.05	-24.05
	64QAM	Low	868.95	-23.79
		High	894.05	-23.10
	256QAM	Low	868.95	-23.23
		High	894.05	-23.10
2	QPSK	Low	868.95	-23.86
		High	894.05	-23.61
	16QAM	Low	868.95	-24.37
		High	894.05	-23.81
	64QAM	Low	868.95	-23.39
		High	894.05	-23.14
	256QAM	Low	868.95	-23.42
		High	894.05	-24.01
3	QPSK	Low	868.95	-24.28
		High	894.05	-24.07
	16QAM	Low	868.95	-23.64
		High	894.05	-23.88
	64QAM	Low	868.95	-24.33
		High	894.05	-24.09
	256QAM	Low	868.95	-24.60
		High	894.05	-23.79

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-22.26
		High	894.03	-26.29
	16QAM	Low	868.95	-21.84
		High	894.03	-26.49
	64QAM	Low	868.95	-23.12
		High	894.03	-26.73
	256QAM	Low	868.95	-21.19
		High	894.03	-25.70
1	QPSK	Low	868.95	-22.43
		High	894.03	-26.87
	16QAM	Low	868.95	-23.43
		High	894.03	-27.33
	64QAM	Low	868.95	-21.95
		High	894.03	-26.69
	256QAM	Low	868.95	-21.54
		High	894.03	-26.36
2	QPSK	Low	868.95	-23.25
		High	894.03	-26.91
	16QAM	Low	868.95	-22.94
		High	894.03	-27.37
	64QAM	Low	868.95	-23.09
		High	894.03	-27.08
	256QAM	Low	868.95	-23.87
		High	894.03	-26.30
3	QPSK	Low	868.95	-23.14
		High	894.03	-26.93
	16QAM	Low	868.95	-22.12
		High	894.03	-27.38
	64QAM	Low	868.95	-22.30
		High	894.03	-26.48
	256QAM	Low	868.95	-23.11
		High	894.03	-26.88

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-23.17
		High	894.03	-25.62
	16QAM	Low	868.95	-23.63
		High	894.03	-26.82
	64QAM	Low	868.95	-23.63
		High	894.03	-26.31
	256QAM	Low	868.95	-23.97
		High	894.03	-26.04
1	QPSK	Low	868.95	-22.79
		High	894.03	-25.24
	16QAM	Low	868.95	-23.83
		High	894.05	-27.32
	64QAM	Low	868.95	-22.22
		High	894.03	-26.66
	256QAM	Low	868.95	-22.90
		High	894.03	-26.18
2	QPSK	Low	868.95	-24.15
		High	894.03	-27.19
	16QAM	Low	868.33	-25.20
		High	894.03	-27.05
	64QAM	Low	868.95	-22.43
		High	894.03	-27.29
	256QAM	Low	868.95	-22.90
		High	894.03	-26.96
3	QPSK	Low	868.95	-23.33
		High	894.03	-28.05
	16QAM	Low	868.95	-24.10
		High	894.03	-26.94
	64QAM	Low	868.95	-23.76
		High	894.03	-26.58
	256QAM	Low	868.95	-23.62
		High	894.03	-26.81

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-23.27
		High	894.05	-22.50
	16QAM	Low	868.95	-21.20
		High	894.05	-24.72
	64QAM	Low	868.95	-23.36
		High	894.05	-21.05
	256QAM	Low	868.95	-23.94
		High	894.05	-23.88
1	QPSK	Low	868.95	-23.97
		High	894.05	-23.24
	16QAM	Low	868.95	-24.19
		High	894.05	-23.05
	64QAM	Low	868.95	-23.63
		High	894.05	-23.52
	256QAM	Low	868.95	-24.23
		High	894.05	-23.36
2	QPSK	Low	868.95	-23.66
		High	894.05	-23.43
	16QAM	Low	868.95	-24.02
		High	894.05	-23.89
	64QAM	Low	868.95	-24.30
		High	894.05	-21.31
	256QAM	Low	868.95	-23.14
		High	894.05	-23.12
3	QPSK	Low	868.95	-23.15
		High	894.05	-23.19
	16QAM	Low	868.95	-23.22
		High	894.05	-22.46
	64QAM	Low	868.95	-22.71
		High	894.05	-20.70
	256QAM	Low	868.95	-23.71
		High	894.05	-22.19

Tabular Data of Non-Contiguous Out-of-band Unwanted Emissions

(2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-21.28
		High	894.05	-21.37
	16QAM	Low	868.95	-21.73
		High	894.05	-21.06
	64QAM	Low	868.95	-22.67
		High	894.05	-20.24
	256QAM	Low	868.95	-21.64
		High	894.05	-21.90
1	QPSK	Low	868.83	-23.36
		High	894.05	-22.17
	16QAM	Low	868.95	-22.41
		High	894.05	-23.24
	64QAM	Low	868.95	-20.90
		High	894.05	-22.17
	256QAM	Low	868.95	-20.20
		High	894.05	-23.14

(2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-20.46
		High	894.03	-21.57
	16QAM	Low	868.98	-19.81
		High	894.03	-20.94
	64QAM	Low	868.98	-20.53
		High	894.03	-20.95
	256QAM	Low	868.98	-22.02
		High	894.03	-21.11
1	QPSK	Low	868.98	-22.25
		High	894.03	-23.03
	16QAM	Low	868.98	-20.26
		High	894.03	-21.60
	64QAM	Low	868.98	-19.82
		High	894.03	-20.85
	256QAM	Low	868.98	-22.13
		High	894.03	-23.12

(2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-21.47
		High	894.05	-21.85
	16QAM	Low	868.95	-21.16
		High	894.05	-22.33
	64QAM	Low	868.95	-20.31
		High	894.05	-17.99
	256QAM	Low	868.95	-21.34
		High	894.05	-20.06
1	QPSK	Low	868.95	-21.01
		High	894.05	-21.92
	16QAM	Low	868.95	-21.78
		High	894.05	-19.93
	64QAM	Low	868.95	-20.80
		High	894.05	-20.34
	256QAM	Low	868.95	-21.68
		High	894.05	-20.54

(2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-21.26
		High	894.03	-23.39
	16QAM	Low	868.95	-20.90
		High	894.03	-23.26
	64QAM	Low	868.95	-21.80
		High	894.03	-23.91
	256QAM	Low	868.95	-21.31
		High	894.03	-23.93
1	QPSK	Low	868.95	-21.18
		High	894.03	-24.02
	16QAM	Low	868.95	-22.05
		High	894.03	-25.31
	64QAM	Low	868.95	-22.65
		High	894.03	-23.69
	256QAM	Low	868.95	-21.64
		High	894.04	-24.88

(2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-22.41
		High	894.03	-21.64
	16QAM	Low	868.98	-21.21
		High	894.03	-21.08
	64QAM	Low	868.98	-20.55
		High	894.03	-21.36
	256QAM	Low	868.98	-21.57
		High	894.03	-21.55
1	QPSK	Low	868.98	-19.91
		High	894.03	-21.33
	16QAM	Low	868.98	-20.67
		High	894.03	-23.24
	64QAM	Low	868.98	-21.65
		High	894.03	-21.49
	256QAM	Low	868.98	-21.62
		High	894.03	-21.53

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-19.33
		High	894.03	-24.95
	16QAM	Low	868.95	-22.39
		High	894.03	-23.73
	64QAM	Low	868.95	-21.21
		High	894.03	-22.40
	256QAM	Low	868.95	-20.86
		High	894.03	-24.42
1	QPSK	Low	868.95	-20.86
		High	894.03	-23.54
	16QAM	Low	868.95	-19.66
		High	894.03	-22.95
	64QAM	Low	868.95	-23.58
		High	894.03	-23.67
	256QAM	Low	868.95	-21.14
		High	894.03	-24.35

(2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-20.62
		High	894.05	-18.49
	16QAM	Low	868.95	-23.09
		High	894.05	-20.39
	64QAM	Low	868.95	-21.28
		High	894.05	-18.09
	256QAM	Low	868.95	-22.19
		High	894.05	-20.17
1	QPSK	Low	868.95	-21.42
		High	894.05	-21.03
	16QAM	Low	868.95	-22.21
		High	894.05	-21.92
	64QAM	Low	868.95	-21.76
		High	894.05	-20.54
	256QAM	Low	868.95	-21.42
		High	894.05	-20.91

(4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-23.13
		High	894.05	-22.16
	16QAM	Low	868.66	-22.46
		High	894.05	-23.41
	64QAM	Low	868.95	-23.42
		High	894.05	-23.09
	256QAM	Low	868.95	-22.74
		High	894.05	-22.17
1	QPSK	Low	868.95	-22.18
		High	894.05	-24.65
	16QAM	Low	868.95	-24.09
		High	894.05	-23.33
	64QAM	Low	868.95	-23.46
		High	894.05	-21.63
	256QAM	Low	868.39	-25.02
		High	894.05	-24.19
2	QPSK	Low	868.95	-23.67
		High	894.05	-23.96
	16QAM	Low	868.95	-23.16
		High	894.05	-23.43
	64QAM	Low	868.55	-25.00
		High	894.05	-24.42
	256QAM	Low	868.95	-24.15
		High	894.05	-24.61
3	QPSK	Low	868.95	-23.15
		High	894.05	-23.89
	16QAM	Low	868.95	-24.03
		High	894.05	-23.17
	64QAM	Low	868.95	-23.36
		High	894.05	-23.73
	256QAM	Low	868.95	-23.57
		High	894.05	-22.72

(4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-22.08
		High	894.03	-22.84
	16QAM	Low	868.98	-22.76
		High	894.21	-24.36
	64QAM	Low	868.98	-22.55
		High	894.03	-23.27
	256QAM	Low	868.98	-21.78
		High	894.03	-21.80
1	QPSK	Low	868.98	-22.07
		High	894.03	-22.46
	16QAM	Low	868.98	-21.53
		High	894.03	-21.70
	64QAM	Low	868.98	-22.52
		High	894.03	-23.45
	256QAM	Low	868.98	-23.00
		High	894.03	-23.29
2	QPSK	Low	868.98	-21.59
		High	894.03	-23.98
	16QAM	Low	868.98	-22.87
		High	894.03	-23.70
	64QAM	Low	868.98	-24.09
		High	894.03	-24.89
	256QAM	Low	868.98	-22.80
		High	894.03	-24.25
3	QPSK	Low	868.98	-22.23
		High	894.03	-24.37
	16QAM	Low	868.98	-22.90
		High	894.03	-22.62
	64QAM	Low	868.98	-22.45
		High	894.03	-23.77
	256QAM	Low	868.98	-23.34
		High	894.03	-24.52

(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-21.44
		High	894.05	-21.81
	16QAM	Low	868.95	-21.49
		High	894.05	-23.22
	64QAM	Low	868.95	-23.35
		High	894.05	-22.55
	256QAM	Low	868.95	-22.43
		High	894.05	-22.28
1	QPSK	Low	868.95	-22.03
		High	894.05	-21.16
	16QAM	Low	868.95	-21.92
		High	894.05	-23.09
	64QAM	Low	868.95	-22.26
		High	894.05	-21.30
	256QAM	Low	868.95	-21.42
		High	894.05	-24.01
2	QPSK	Low	868.95	-22.33
		High	894.05	-23.27
	16QAM	Low	868.95	-22.98
		High	894.05	-24.50
	64QAM	Low	868.95	-22.38
		High	894.05	-21.46
	256QAM	Low	868.95	-22.62
		High	894.05	-20.82
3	QPSK	Low	868.95	-21.90
		High	894.05	-21.93
	16QAM	Low	868.95	-24.31
		High	894.05	-23.71
	64QAM	Low	868.95	-23.81
		High	894.05	-23.47
	256QAM	Low	868.95	-22.51
		High	894.05	-21.36

(4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-22.60
		High	894.03	-25.73
	16QAM	Low	868.95	-21.69
		High	894.03	-24.15
	64QAM	Low	868.95	-23.69
		High	894.03	-23.32
	256QAM	Low	868.95	-22.64
		High	894.03	-24.08
1	QPSK	Low	868.95	-23.55
		High	894.03	-26.13
	16QAM	Low	868.95	-23.11
		High	894.03	-25.88
	64QAM	Low	868.95	-23.23
		High	894.03	-24.59
	256QAM	Low	868.95	-22.83
		High	894.03	-24.96
2	QPSK	Low	868.95	-23.29
		High	894.03	-24.94
	16QAM	Low	868.95	-23.27
		High	894.03	-26.45
	64QAM	Low	868.95	-23.13
		High	894.03	-25.47
	256QAM	Low	868.95	-23.07
		High	894.03	-25.97
3	QPSK	Low	868.95	-22.30
		High	894.03	-25.92
	16QAM	Low	868.95	-22.36
		High	894.03	-25.70
	64QAM	Low	868.95	-21.67
		High	894.03	-26.29
	256QAM	Low	868.95	-23.54
		High	894.03	-25.98

(4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.98	-22.75
		High	894.03	-21.68
	16QAM	Low	868.98	-21.16
		High	894.03	-22.02
	64QAM	Low	868.98	-21.54
		High	894.03	-22.87
	256QAM	Low	868.98	-23.27
		High	894.03	-21.96
1	QPSK	Low	868.98	-22.74
		High	894.03	-23.15
	16QAM	Low	868.98	-22.06
		High	894.03	-21.94
	64QAM	Low	868.98	-22.45
		High	894.03	-23.91
	256QAM	Low	868.98	-22.46
		High	894.03	-22.76
2	QPSK	Low	868.98	-22.51
		High	894.03	-23.29
	16QAM	Low	868.98	-22.98
		High	894.03	-22.74
	64QAM	Low	868.98	-22.14
		High	894.03	-23.82
	256QAM	Low	868.98	-23.60
		High	894.03	-23.28
3	QPSK	Low	868.98	-23.86
		High	894.03	-22.90
	16QAM	Low	868.98	-21.58
		High	894.03	-24.29
	64QAM	Low	868.98	-23.41
		High	894.03	-24.55
	256QAM	Low	868.98	-21.18
		High	894.03	-24.06

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-21.13
		High	894.03	-24.83
	16QAM	Low	868.95	-22.69
		High	894.03	-24.76
	64QAM	Low	868.95	-21.98
		High	894.03	-24.33
	256QAM	Low	868.95	-22.03
		High	894.03	-25.77
1	QPSK	Low	868.95	-21.63
		High	894.03	-25.25
	16QAM	Low	868.95	-23.07
		High	894.03	-26.21
	64QAM	Low	868.95	-22.11
		High	894.03	-25.54
	256QAM	Low	868.95	-22.79
		High	894.03	-26.09
2	QPSK	Low	868.95	-21.62
		High	894.58	-29.91
	16QAM	Low	868.95	-21.39
		High	894.03	-25.43
	64QAM	Low	868.95	-23.45
		High	894.03	-26.10
	256QAM	Low	868.95	-22.65
		High	894.03	-25.19
3	QPSK	Low	868.95	-21.78
		High	894.03	-24.30
	16QAM	Low	868.95	-23.03
		High	894.03	-22.92
	64QAM	Low	868.95	-23.48
		High	894.03	-23.82
	256QAM	Low	868.95	-23.52
		High	894.03	-23.82

(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-20.64
		High	894.05	-21.26
	16QAM	Low	868.95	-22.61
		High	894.05	-22.61
	64QAM	Low	868.95	-23.23
		High	894.05	-22.95
	256QAM	Low	868.95	-23.12
		High	894.05	-22.68
1	QPSK	Low	868.95	-24.02
		High	894.05	-20.60
	16QAM	Low	868.95	-22.34
		High	894.05	-23.74
	64QAM	Low	868.95	-23.27
		High	894.05	-21.97
	256QAM	Low	868.95	-23.47
		High	894.05	-22.24
2	QPSK	Low	868.95	-23.79
		High	894.05	-22.61
	16QAM	Low	868.95	-25.12
		High	894.05	-22.74
	64QAM	Low	868.95	-23.45
		High	894.05	-22.45
	256QAM	Low	868.95	-24.51
		High	894.05	-24.33
3	QPSK	Low	868.95	-23.49
		High	894.05	-23.40
	16QAM	Low	868.47	-24.19
		High	894.05	-22.64
	64QAM	Low	868.95	-23.21
		High	894.05	-21.15
	256QAM	Low	868.95	-23.41
		High	894.05	-23.16

(2 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-21.55
		High	894.11	-25.75
	16QAM	Low	868.95	-21.48
		High	894.09	-25.37
	64QAM	Low	868.95	-21.84
		High	894.05	-25.48
	256QAM	Low	868.95	-21.19
		High	894.20	-25.70
1	QPSK	Low	868.95	-22.08
		High	894.18	-26.50
	16QAM	Low	868.95	-21.45
		High	894.05	-25.78
	64QAM	Low	868.95	-22.12
		High	894.05	-26.49
	256QAM	Low	868.95	-21.05
		High	894.08	-26.53

(2 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.93	-22.80
		High	894.03	-24.50
	16QAM	Low	868.93	-22.78
		High	894.03	-25.24
	64QAM	Low	868.77	-23.09
		High	894.03	-22.72
	256QAM	Low	868.93	-22.80
		High	894.03	-25.30
1	QPSK	Low	868.44	-23.05
		High	894.03	-24.30
	16QAM	Low	868.93	-23.51
		High	894.03	-24.11
	64QAM	Low	868.93	-22.68
		High	894.03	-24.11
	256QAM	Low	868.58	-23.26
		High	894.03	-24.50

(4 Port)B5 DSS 10 MHz 1 Carrier + (5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier) [3 Carrier](1C+2C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.95	-22.63
		High	894.35	-25.81
	16QAM	Low	868.95	-22.91
		High	894.05	-26.47
	64QAM	Low	868.95	-23.80
		High	894.97	-26.88
	256QAM	Low	868.95	-21.84
		High	894.53	-26.35
1	QPSK	Low	868.95	-22.94
		High	894.91	-27.49
	16QAM	Low	868.95	-22.85
		High	894.38	-27.68
	64QAM	Low	868.95	-22.05
		High	894.08	-27.63
	256QAM	Low	868.95	-22.77
		High	894.05	-27.32
2	QPSK	Low	868.95	-23.36
		High	894.05	-27.83
	16QAM	Low	868.95	-24.17
		High	894.44	-27.87
	64QAM	Low	868.95	-24.19
		High	894.12	-28.05
	256QAM	Low	868.95	-24.33
		High	894.53	-28.26
3	QPSK	Low	868.95	-22.48
		High	894.27	-27.90
	16QAM	Low	868.95	-23.35
		High	894.18	-28.03
	64QAM	Low	868.95	-24.04
		High	894.07	-27.70
	256QAM	Low	868.95	-23.35
		High	894.14	-27.51

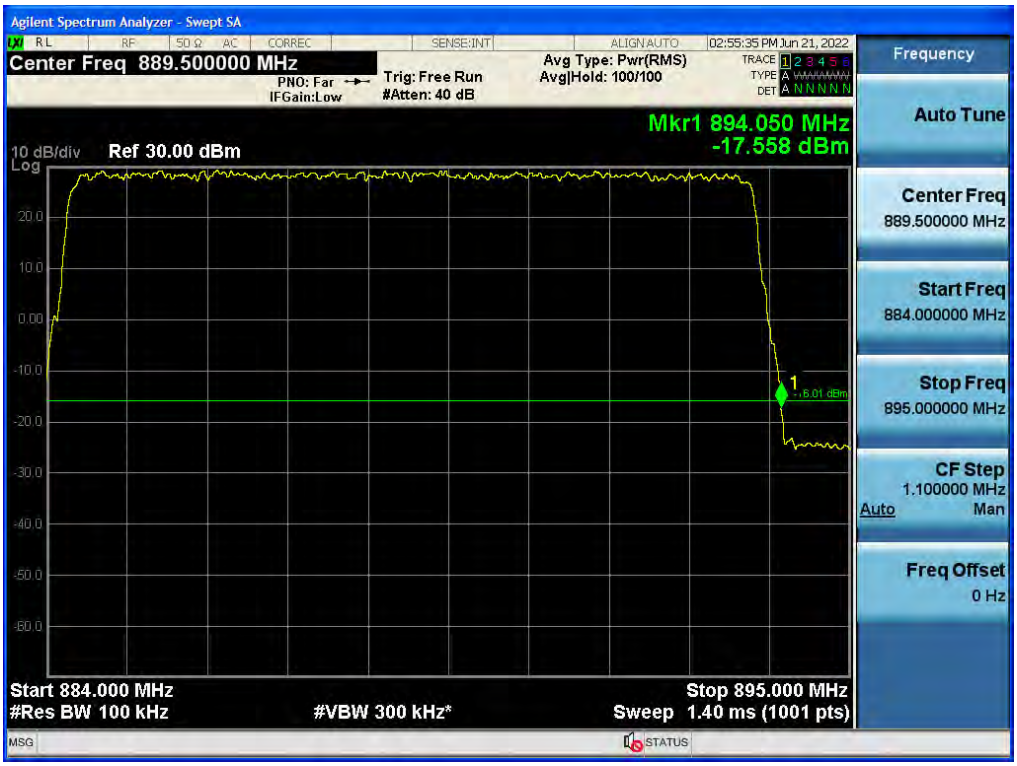
(4 Port)(B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier) + LTE B5 5 MHz 1 Carrier [3 Carrier](2C+1C)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	868.80	-24.51
		High	894.05	-26.68
	16QAM	Low	868.80	-24.04
		High	894.05	-26.72
	64QAM	Low	868.56	-23.83
		High	894.05	-25.65
	256QAM	Low	868.89	-24.07
		High	894.05	-24.87
1	QPSK	Low	868.93	-23.55
		High	894.05	-25.35
	16QAM	Low	868.93	-23.60
		High	894.05	-26.83
	64QAM	Low	868.87	-23.90
		High	894.05	-26.50
	256QAM	Low	868.54	-23.86
		High	894.05	-25.55
2	QPSK	Low	868.93	-24.09
		High	894.05	-25.98
	16QAM	Low	868.93	-25.16
		High	894.05	-26.60
	64QAM	Low	868.93	-24.47
		High	894.05	-26.73
	256QAM	Low	868.63	-25.03
		High	894.05	-26.47
3	QPSK	Low	868.93	-24.76
		High	894.05	-25.96
	16QAM	Low	868.93	-24.38
		High	894.05	-27.25
	64QAM	Low	868.93	-23.78
		High	894.35	-28.45
	256QAM	Low	868.93	-24.29
		High	894.05	-26.26

Plot Data of Out-of-band Unwanted Emissions

Antenna 0 / (2 Port)B5 DSS 10 MHz 2to8 1 Carrier / 16QAM / Low

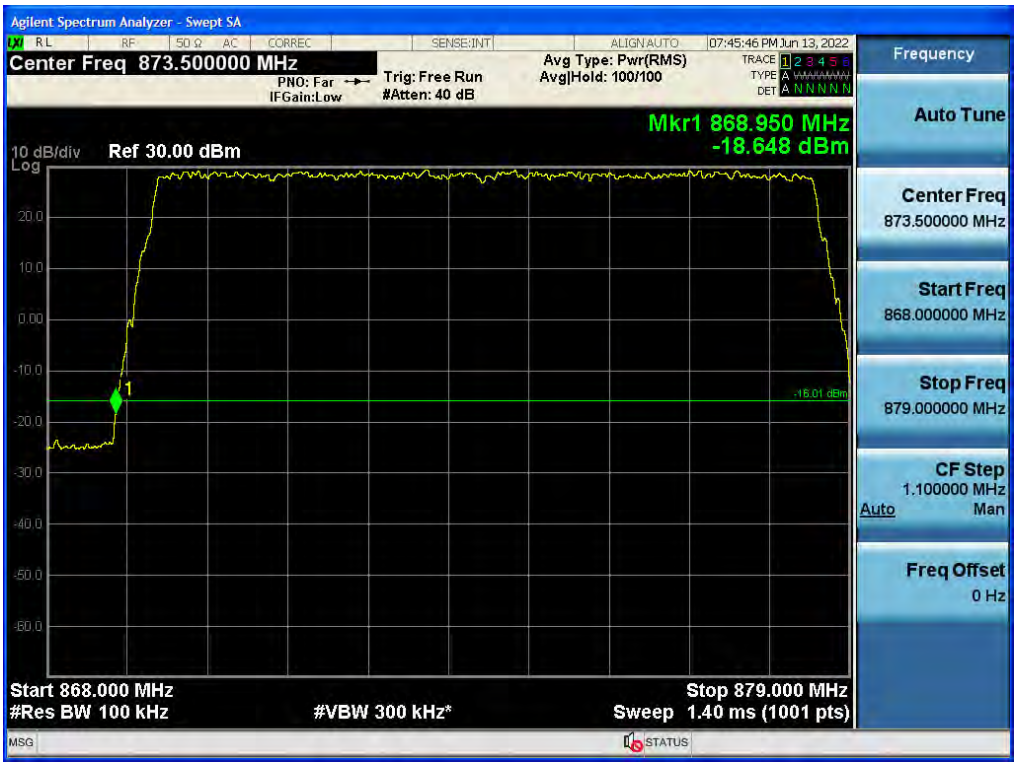
Antenna 0 / (2 Port)B5 DSS 10 MHz 2to8 1 Carrier / 256QAM / High



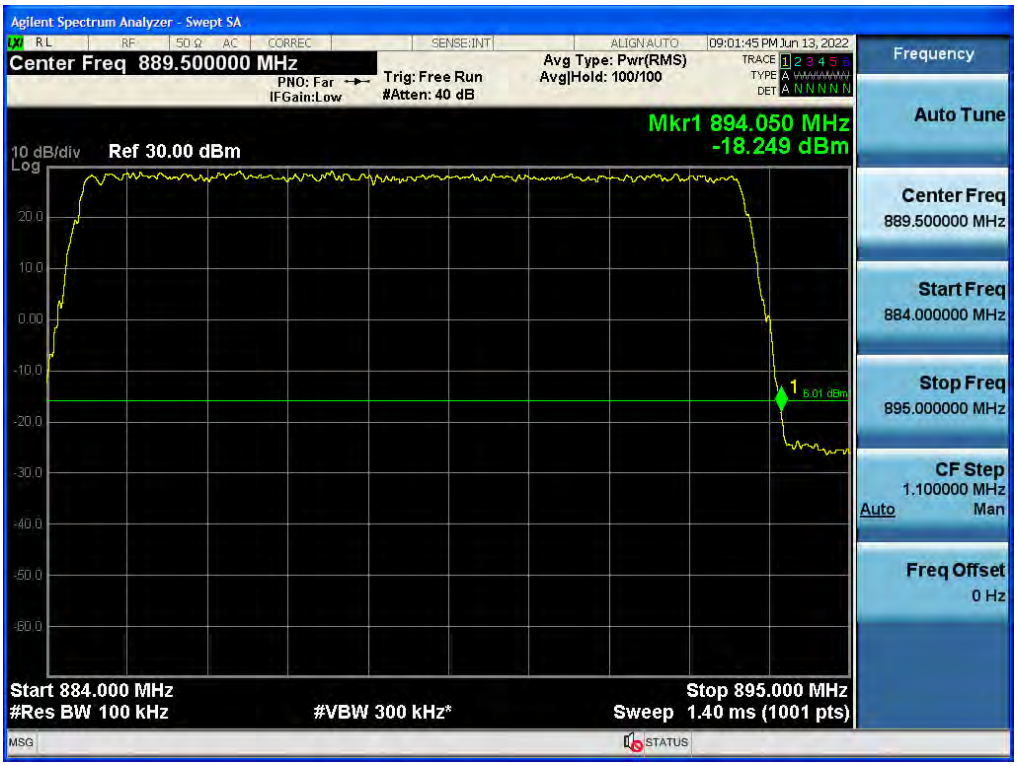
Antenna 1 / (2 Port)B5 DSS 10 MHz 5to5 1 Carrier / 256QAM / Low

Antenna 0 / (2 Port)B5 DSS 10 MHz 5to5 1 Carrier / 256QAM / High

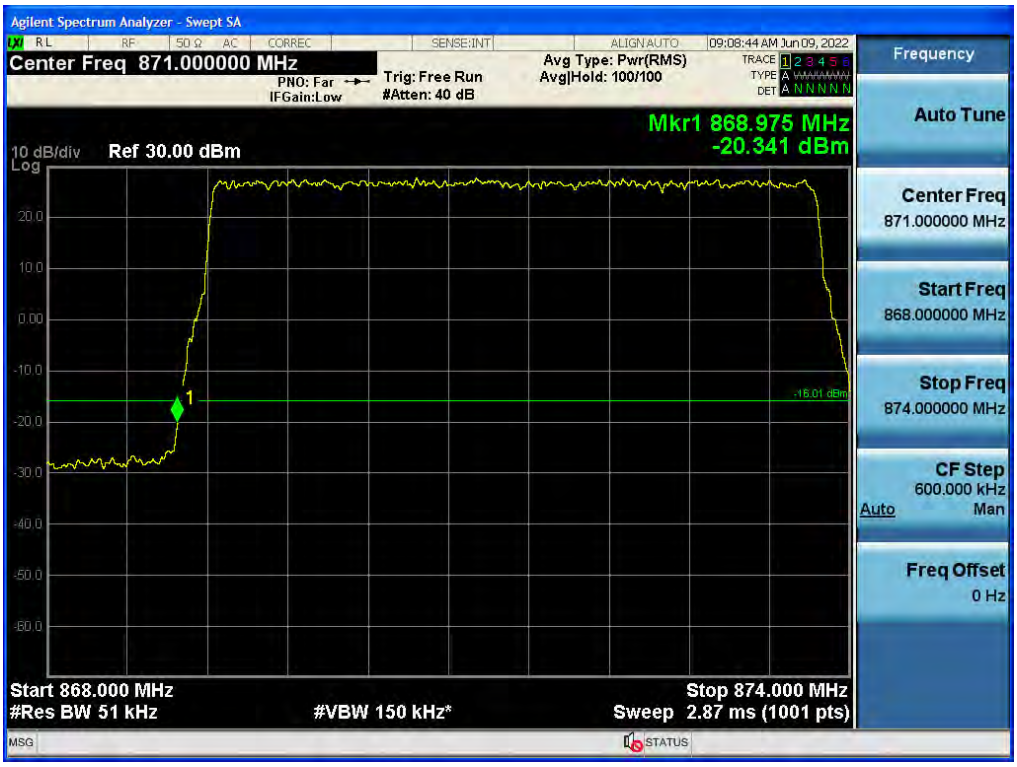
Antenna 0 / (2 Port)B5 DSS 10 MHz 9to1 1 Carrier / 256QAM / Low



Antenna 1 / (2 Port)B5 DSS 10 MHz 9to1 1 Carrier / 256QAM / High

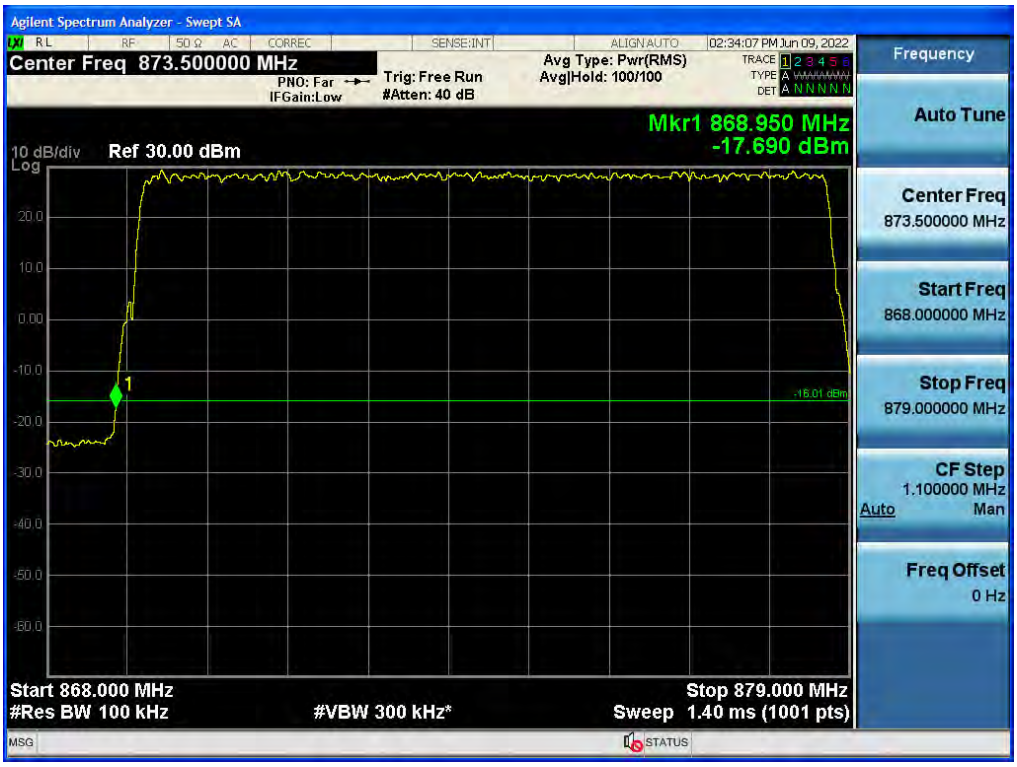


Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier / 64QAM / Low

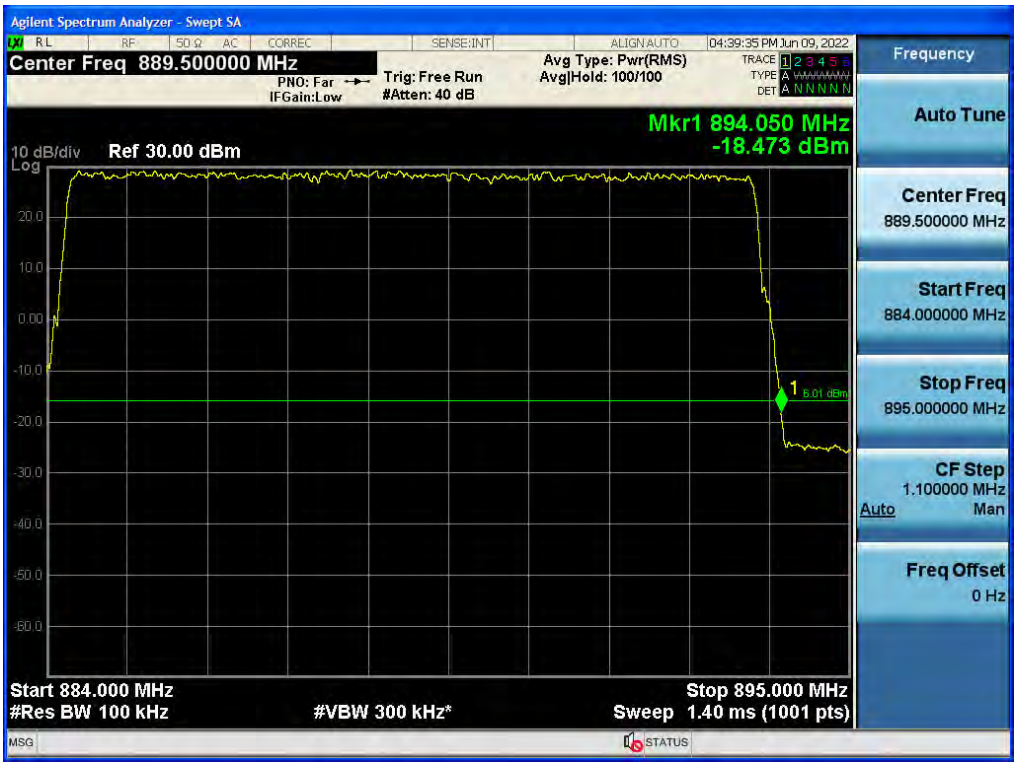


Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier / 64QAM / High

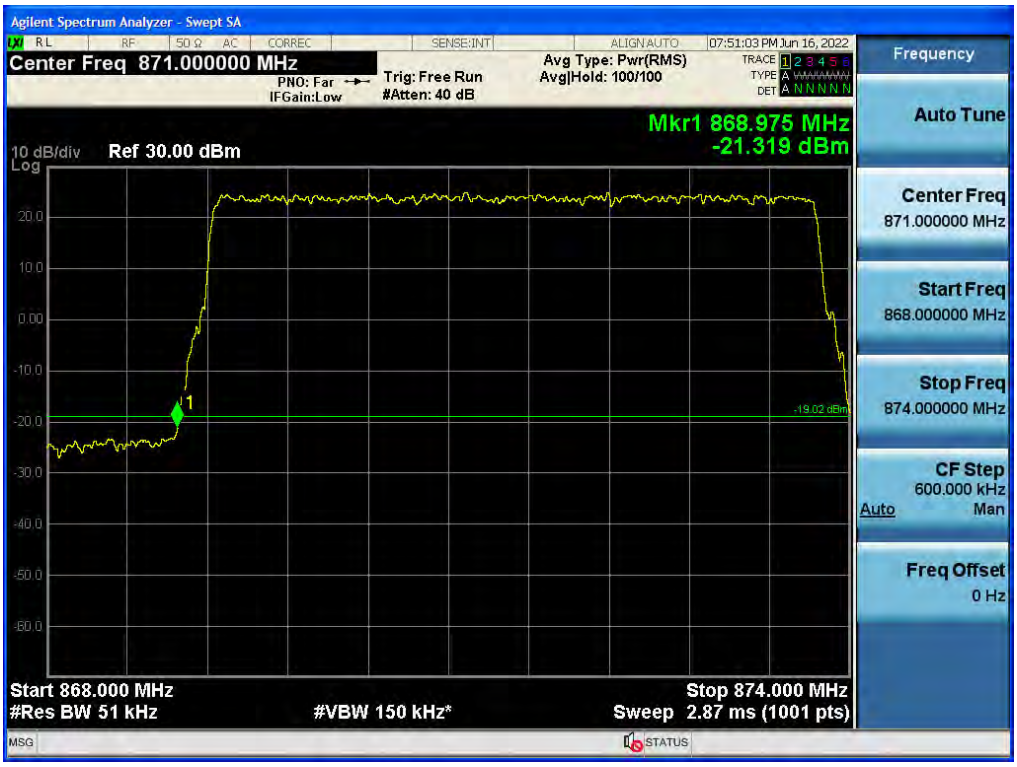
Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier / QPSK / Low



Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier / 256QAM / High



Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier / 64QAM / Low



Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / High

Antenna 1 / (2 Port)LTE B13 5 MHz 1 Carrier / 64QAM / Low

Antenna 1 / (2 Port)LTE B13 5 MHz 1 Carrier / 64QAM / High

Antenna 0 / (4 Port)LTE B13 5 MHz 1 Carrier / 256QAM / Low

Antenna 0 / (4 Port)LTE B13 5 MHz 1 Carrier / QPSK / High

Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low

Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High

Antenna 0 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low

Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High

Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low

Antenna 0 / (2 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low

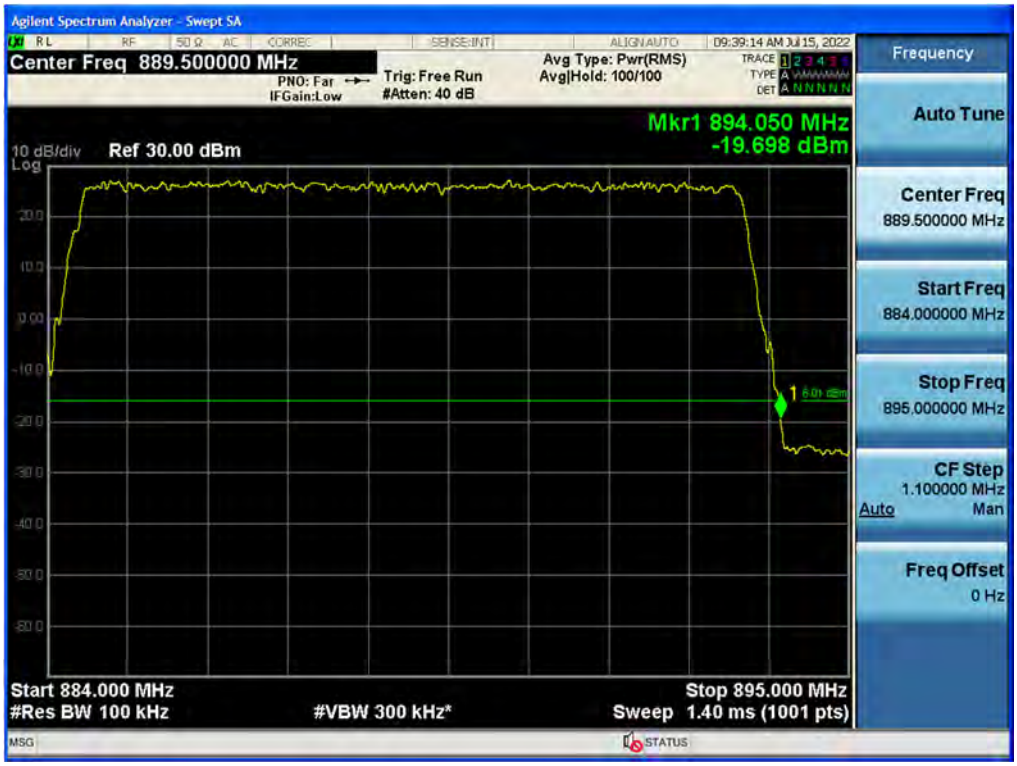
Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High

Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low

Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low

Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low

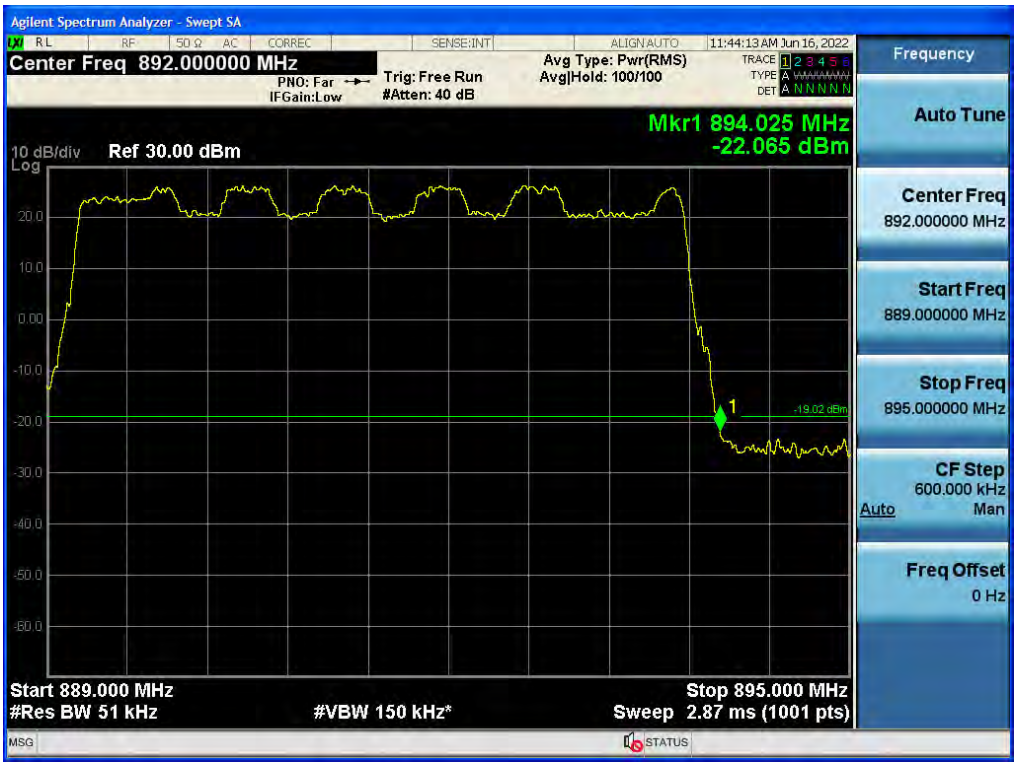
Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / Low

Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High

Antenna 3 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low

Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



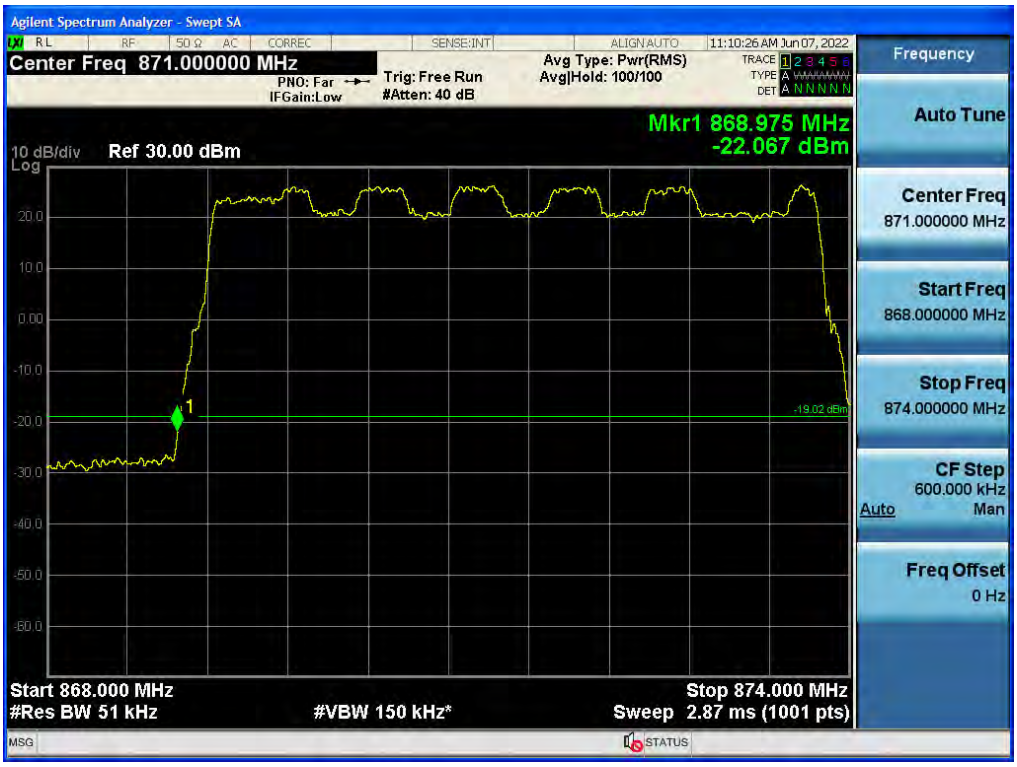
Antenna 1 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low

Antenna 0 / (4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High

Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low

Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High

Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



Antenna 0 / (4 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low

Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / High

Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low

Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High

Antenna 0 / (2 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low

Antenna 0 / (2 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High