

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



Antenna 3 / (4 Port)LTE B13 5 MHz 1 Carrier + LTE B13 5 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High



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 / 256QAM / Low



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 / 256QAM / High



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 / QPSK / Low



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 / High



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 / QPSK / Low



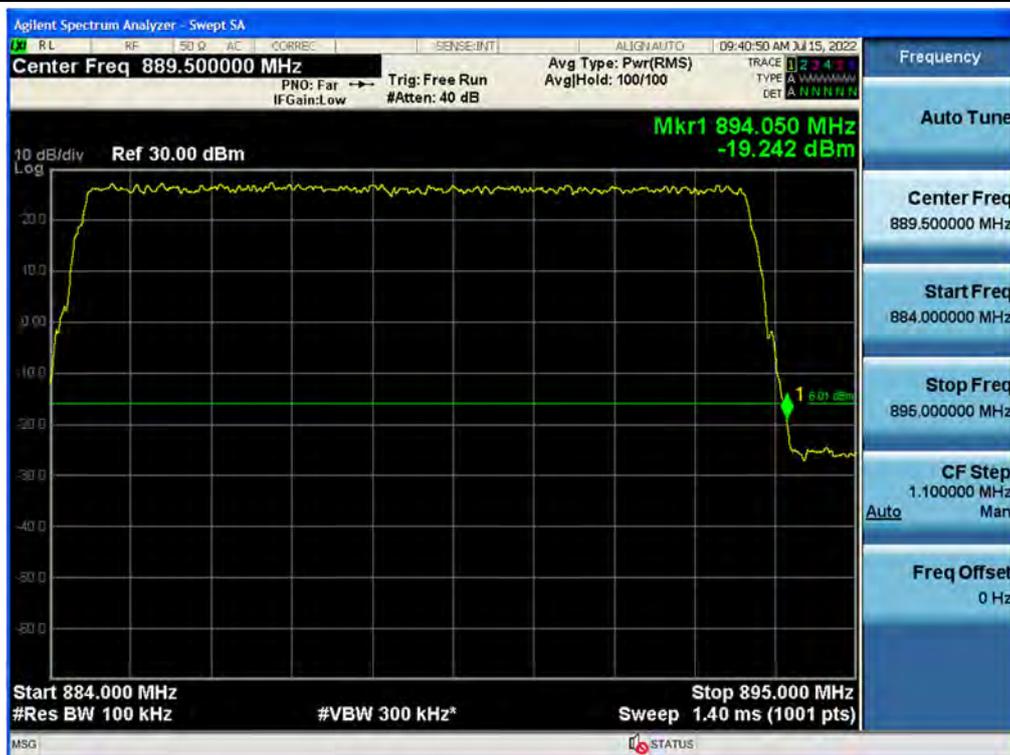
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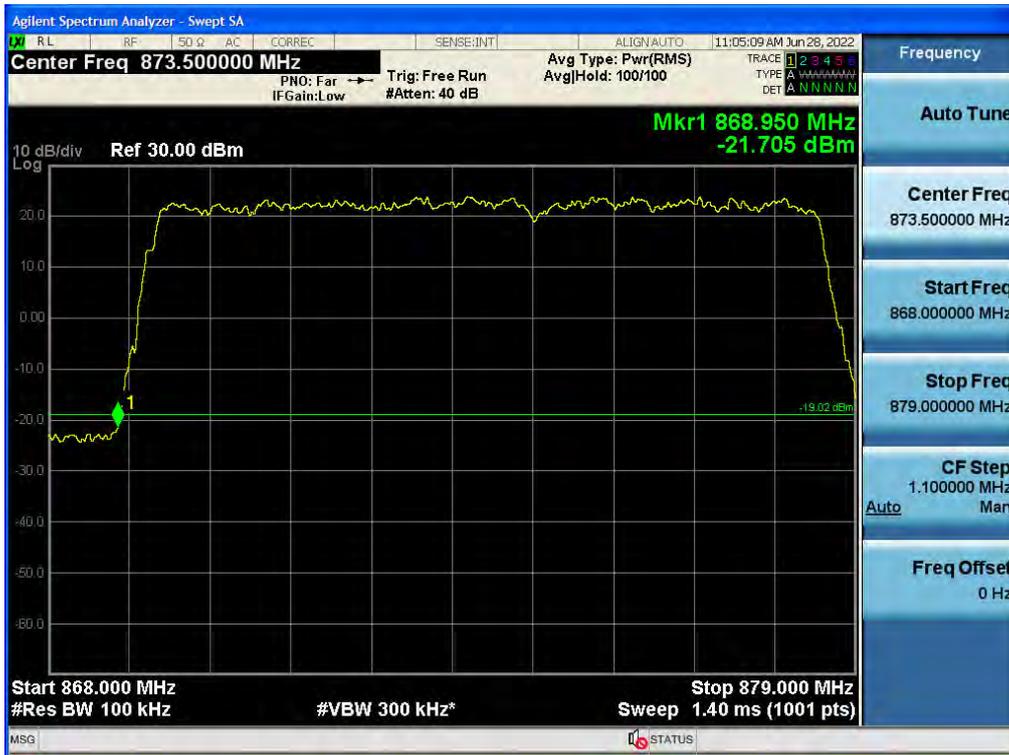
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Antenna 1 / (2 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / QPSK / High



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 / 16QAM / Low



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 / 16QAM / High



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 / 256QAM / Low



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 / 256QAM / High



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



Antenna 1 / (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 / High



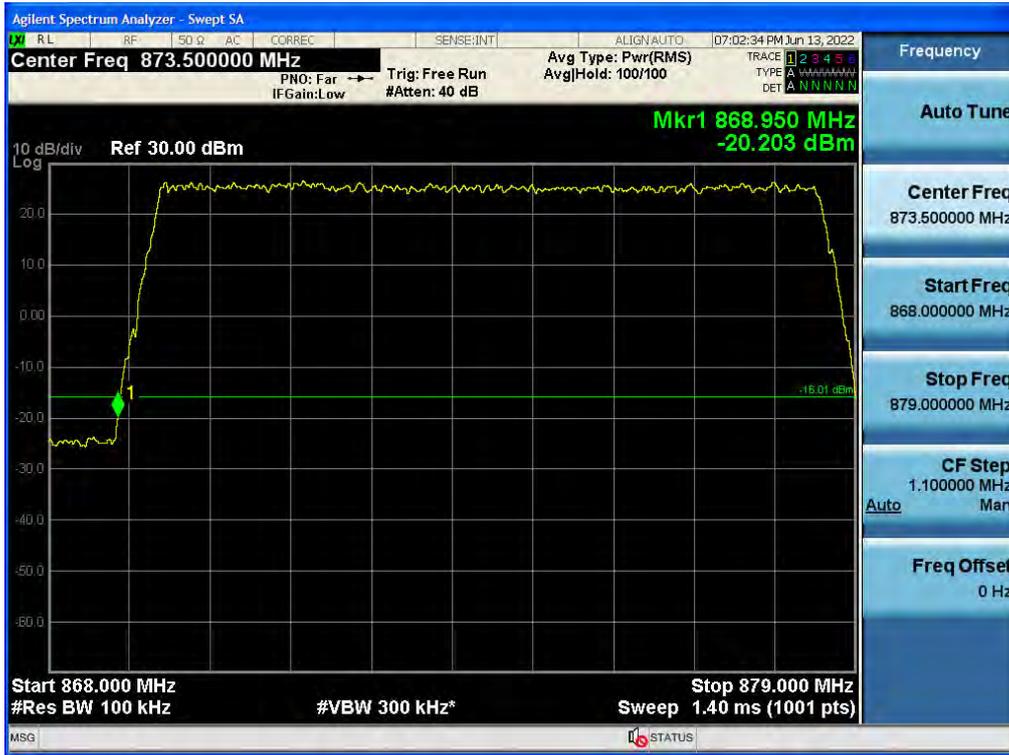
Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / Low



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



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



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



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



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



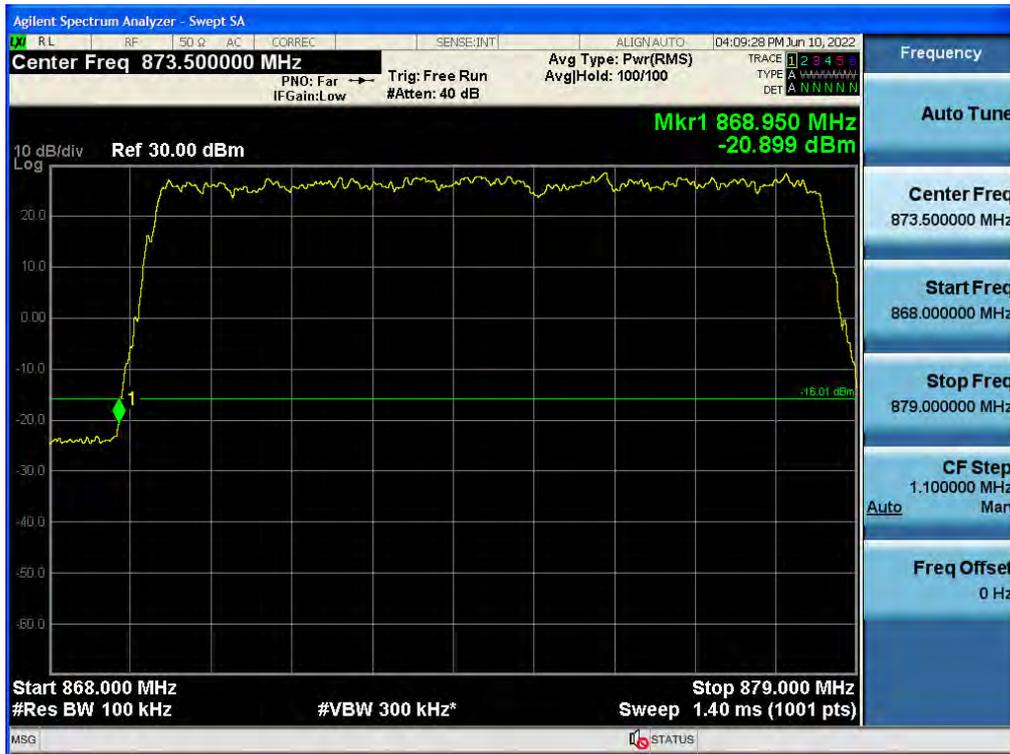
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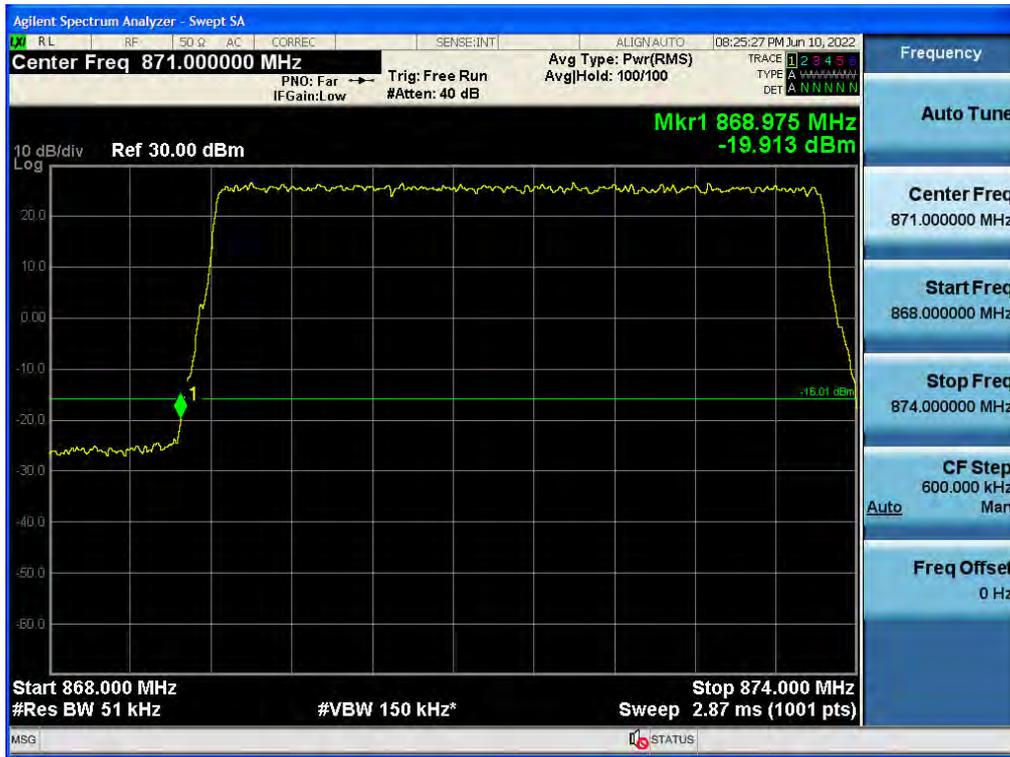
Antenna 0 / (2 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low



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



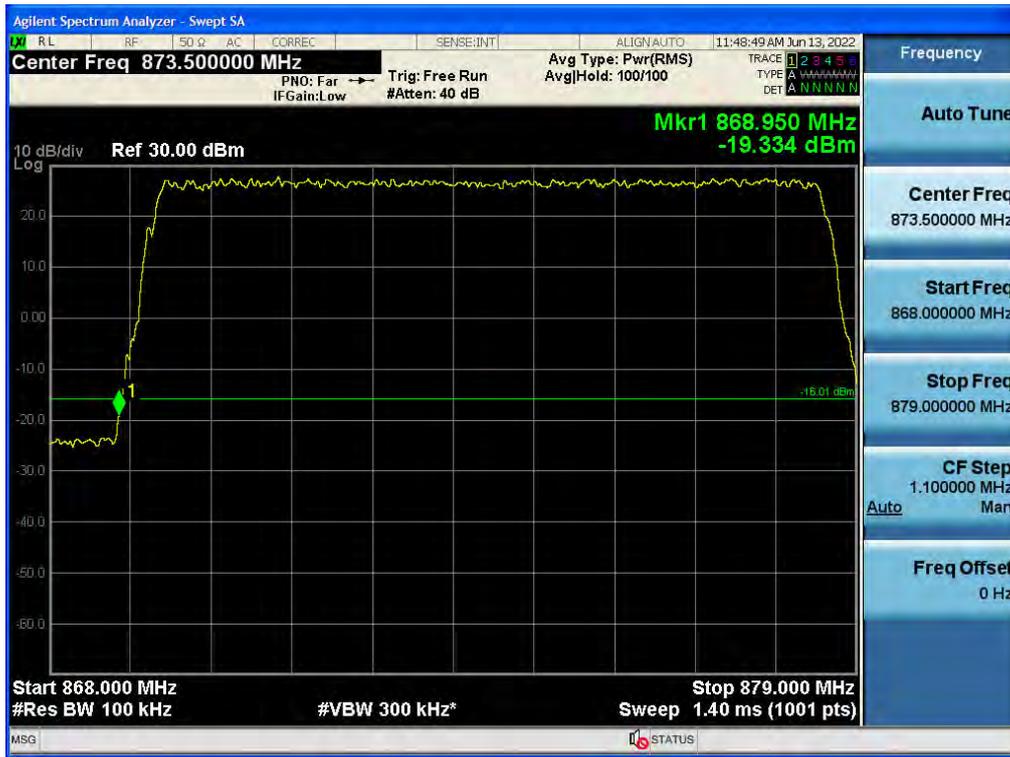
Antenna 1 / (2 Port)5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / Low



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



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



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



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



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



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



Antenna 1 / (4 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / High



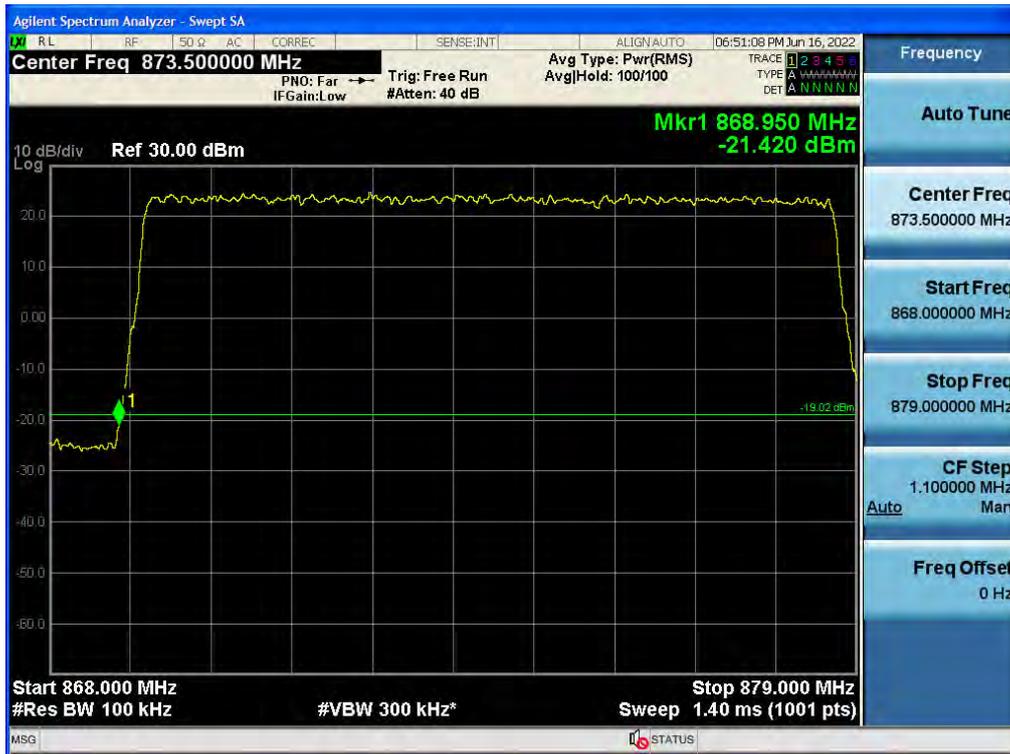
Antenna 1 / (4 Port)5G NR n5 5 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / Low



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



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



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



**Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / Low**

**Antenna 0 / (4 Port)B5 DSS 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / High**


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



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



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



Antenna 3 / (4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / High



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



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



**Antenna 1 / (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 / 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 / 16QAM / High**



**Antenna 1 / (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 / 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 / 64QAM / High**



Antenna 0 / (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 / 256QAM / Low



Antenna 0 / (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 / QPSK / 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 / QPSK / Low**



**Antenna 0 / (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 / 256QAM / High**



## 5.5. SPURIOUS 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 5.7.4 of ANSI C63.26.

**5.7.4 Spurious unwanted emission measurements**

- a) Set the spectrum analyzer start frequency to the lowest frequency generated by the EUT, without going below 9 kHz, and the stop frequency to the lower frequency covered by the measurements previously performed in 5.7.3. As an alternative, the stop frequency can be set to the value specified in 5.1.1, depending on the EUT operating range, if the resulting plot can clearly demonstrate compliance for all frequencies not addressed by the out-of-band emissions measurements performed as per 5.7.3.
- b) When using an average power (rms) detector, ensure that the number of points in the sweep  $\geq 2 \times (\text{span} / \text{RBW})$ . This may require that the measurement range defined by the start and stop frequencies be subdivided, depending on the spectrum analyzer capabilities. This requirement does not apply to peak-detected power measurements. When average power is specified by the applicable regulation, a peak-detector can be utilized for preliminary measurements to accommodate wider frequency spans. Any emissions found in the preliminary measurement to exceed the applicable limit(s) shall be further examined using a power averaging (rms) detector with the minimum number of measurement points as defined above.
- c) The sweep time should be set to auto-couple for performing peak-detector measurements. For measurements that use a power averaging (rms) detector, the sweep time shall be set as described for out-of-band emissions measurements in item d) of 5.7.3.
- d) Identify and measure the Highest spurious emission levels in each frequency range. It is not necessary to re-measure the out-of-band emissions as a part of this test. Record the frequencies and amplitudes corresponding to the measured emissions and capture the data plots.
- e) Repeat step b) through step d) for the upper spurious emission frequency range if not already captured by a wide span measurement performed as per the alternative provided in step a). The upper frequency for this measurement is defined in 5.1.1 as a function of the EUT operating range.
- f) Compare the results with the corresponding limit in the applicable regulation.
- g) The test report shall include the data plots of the measuring instrument display and the measured data.

**Note:**

1. In 9 kHz to 30 MHz band, RBW narrower than reference bandwidth is used. So following correction factor is applied.
  - $10 \log [(reference\ bandwidth)/(resolution\ bandwidth)]$
  - : 9 kHz to 150 kHz applied 1 kHz RBW,  $10 \log (100\ kHz / 1\ kHz) = 20\ dB$
  - : 150 kHz to 30 MHz applied 10 kHz RBW,  $10 \log (100\ kHz / 10\ kHz) = 10\ dB$
2. Due to MIMO operations, a correction has been added to the limit according to KDB 662911 D01 v02r01.
  - 2Tx MIMO correction:  $10 \log(N_{ANT}) = 10 \log(2) = 3.01\ dB$
  - 4Tx MIMO correction:  $10 \log(N_{ANT}) = 10 \log(4) = 6.02\ dB$
  - For unwanted spurious emissions,
    - $-13\ dBm - 10 * \log(2) = -16.01\ dBm\ (2Tx)$
    - $-13\ dBm - 10 * \log(4) = -19.02\ dBm\ (4Tx)$
  - For 763-775 MHz and 793-805 MHz,
    - $-46\ dBm - 10 * \log(2) = -49.01\ dBm\ (2Tx)$
    - $-46\ dBm - 10 * \log(4) = -52.02\ dBm\ (4Tx)$
  - For 1559-1610 MHz,
    - $-40\ dBm/MHz - 10 * \log(2) = -43.01\ dBm/MHz\ (2Tx, E.I.R.P.)$
    - $-40\ dBm/MHz - 10 * \log(4) = -46.02\ dBm/MHz\ (4Tx, E.I.R.P.)$
3. Sample Calculations for 1 559 MHz to 1 610 MHz:
  - $-58.022\ dBm/MHz + 10.865\ dBi\ (Antenna\ Gain) = -47.157\ dBm/MHz\ (Final\ E.I.R.P.)$
4. The results of the Spurious Unwanted Emissions 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 Spurious Unwanted Emissions**

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

**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.432	-33.642	-33.045	-27.039	-30.620	-18.440
	Middle	-27.682	-32.408	-32.778	-30.325	-29.404	-17.919
	High	-29.278	-31.494	-33.628	-30.709	-26.698	-18.047
16QAM	Low	-28.251	-30.689	-33.386	-26.725	-30.310	-18.256
	Middle	-29.010	-32.331	-33.358	-30.693	-30.010	-17.741
	High	-28.549	-32.529	-33.360	-30.501	-28.168	-18.040
64QAM	Low	-28.496	-32.859	-32.934	-26.148	-29.960	-18.147
	Middle	-29.203	-32.448	-33.207	-30.492	-30.072	-17.939
	High	-29.001	-33.158	-33.418	-30.754	-27.452	-18.686
256QAM	Low	-29.087	-31.032	-33.315	-26.231	-30.229	-17.979
	Middle	-28.836	-32.347	-32.872	-30.583	-29.858	-18.517
	High	-28.059	-33.576	-32.997	-30.717	-26.801	-18.496

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-27.866	-38.275	-38.581	-25.249	-30.395	-18.030
	Middle	-28.856	-35.932	-38.981	-30.555	-30.515	-19.639
	High	-28.670	-36.523	-38.968	-30.524	-25.147	-19.769
16QAM	Low	-28.643	-37.695	-38.930	-25.764	-30.493	-19.718
	Middle	-27.628	-38.422	-39.227	-30.133	-29.945	-19.423
	High	-27.750	-37.234	-39.225	-30.978	-24.939	-19.678
64QAM	Low	-27.745	-37.346	-39.230	-26.114	-31.327	-19.200
	Middle	-29.250	-37.693	-38.990	-30.752	-30.221	-19.442
	High	-27.817	-38.358	-39.018	-30.573	-25.893	-19.511
256QAM	Low	-27.315	-37.757	-38.555	-26.088	-31.247	-19.696
	Middle	-28.014	-38.939	-39.374	-30.910	-31.164	-19.670
	High	-28.166	-38.748	-38.907	-30.746	-25.929	-18.957

**(2 Port)B5 DSS 10 MHz 5to5 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.470	-31.915	-33.877	-27.622	-30.893	-17.683
	Middle	-29.792	-30.909	-32.896	-31.000	-29.095	-18.158
	High	-28.638	-31.768	-33.451	-30.356	-27.451	-18.066
16QAM	Low	-26.518	-32.421	-33.579	-27.392	-30.878	-18.784
	Middle	-29.030	-31.002	-33.502	-30.690	-30.196	-18.193
	High	-28.530	-32.567	-33.205	-30.458	-27.908	-18.042
64QAM	Low	-26.654	-31.754	-33.461	-26.608	-30.286	-18.558
	Middle	-28.985	-32.429	-33.378	-30.684	-30.224	-17.932
	High	-28.690	-32.046	-33.097	-31.080	-28.018	-18.052
256QAM	Low	-29.112	-31.141	-33.017	-27.209	-30.355	-18.385
	Middle	-29.603	-32.739	-32.063	-30.569	-29.886	-18.118
	High	-28.890	-31.911	-33.684	-30.636	-27.317	-17.902

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.650	-37.362	-38.902	-25.812	-31.174	-19.421
	Middle	-28.152	-37.097	-38.830	-30.763	-31.170	-18.768
	High	-29.465	-37.159	-38.885	-30.701	-25.966	-20.050
16QAM	Low	-27.709	-37.194	-38.816	-25.877	-30.503	-19.652
	Middle	-28.146	-36.267	-39.347	-30.342	-30.122	-19.823
	High	-27.417	-37.154	-38.819	-29.223	-26.099	-19.478
64QAM	Low	-27.284	-37.777	-38.774	-25.642	-30.882	-19.154
	Middle	-28.103	-37.342	-38.590	-30.480	-30.765	-19.358
	High	-28.147	-37.763	-39.014	-30.408	-25.994	-19.887
256QAM	Low	-27.555	-35.846	-38.791	-25.901	-31.334	-19.827
	Middle	-28.719	-36.345	-38.788	-29.897	-30.688	-19.746
	High	-29.074	-38.139	-39.382	-30.283	-25.609	-19.341

**(2 Port)B5 DSS 10 MHz 9to1 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.619	-32.393	-33.126	-26.789	-30.456	-18.190
	Middle	-30.211	-32.415	-33.443	-30.979	-30.104	-18.288
	High	-28.452	-32.082	-33.218	-31.027	-28.778	-17.675
16QAM	Low	-28.710	-32.188	-32.890	-26.565	-30.400	-18.258
	Middle	-29.789	-32.322	-32.562	-30.540	-30.203	-18.328
	High	-29.210	-32.895	-32.420	-30.612	-27.155	-17.806
64QAM	Low	-29.650	-32.008	-33.498	-26.871	-30.345	-18.268
	Middle	-28.509	-31.792	-33.474	-31.108	-30.432	-17.935
	High	-29.614	-30.854	-33.612	-31.180	-28.449	-17.904
256QAM	Low	-28.355	-32.520	-33.378	-26.722	-30.437	-18.314
	Middle	-28.507	-32.243	-33.028	-30.934	-30.067	-18.562
	High	-30.151	-32.364	-33.678	-30.614	-28.480	-18.270

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.944	-36.511	-39.288	-26.205	-30.945	-20.115
	Middle	-28.237	-36.770	-38.888	-30.985	-30.990	-19.356
	High	-27.932	-38.695	-39.169	-30.268	-27.017	-18.956
16QAM	Low	-28.504	-38.221	-38.834	-26.090	-31.260	-19.218
	Middle	-27.674	-37.781	-38.974	-30.366	-31.066	-19.587
	High	-29.858	-37.472	-38.930	-30.712	-25.525	-19.263
64QAM	Low	-28.196	-37.744	-38.583	-26.256	-31.356	-18.945
	Middle	-27.813	-36.878	-38.805	-30.652	-31.325	-19.787
	High	-27.823	-36.161	-38.984	-30.543	-26.821	-18.813
256QAM	Low	-28.646	-37.539	-39.215	-26.337	-31.155	-19.587
	Middle	-28.761	-37.686	-38.982	-30.371	-31.189	-19.648
	High	-29.538	-37.746	-38.858	-30.612	-26.683	-20.189

**(2 Port)5G NR n5 5 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.054	-35.157	-33.092	-24.873	-31.985	-19.593
	Middle	-29.710	-33.611	-33.388	-30.580	-29.184	-18.060
	High	-28.828	-33.370	-33.751	-31.830	-25.729	-17.843
16QAM	Low	-27.651	-33.864	-33.459	-26.857	-32.632	-21.422
	Middle	-27.827	-34.162	-32.504	-31.619	-29.994	-17.942
	High	-28.210	-33.457	-33.443	-32.007	-28.027	-18.408
64QAM	Low	-28.169	-34.693	-33.634	-27.208	-31.835	-18.706
	Middle	-29.116	-34.265	-33.488	-30.122	-27.777	-18.168
	High	-29.286	-35.742	-33.342	-31.768	-26.526	-18.244
256QAM	Low	-29.381	-35.204	-32.904	-23.640	-31.880	-18.254
	Middle	-27.367	-33.947	-32.914	-30.555	-28.811	-18.317
	High	-26.981	-32.899	-33.239	-32.060	-26.776	-17.952

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.482	-35.219	-38.667	-26.511	-34.036	-18.603
	Middle	-29.217	-35.638	-38.255	-32.896	-31.224	-19.881
	High	-29.447	-35.772	-38.974	-31.853	-28.737	-18.523
16QAM	Low	-27.584	-36.003	-39.140	-27.377	-33.998	-18.251
	Middle	-29.830	-36.862	-38.511	-32.220	-30.184	-19.494
	High	-29.076	-35.926	-38.814	-30.271	-28.192	-19.260
64QAM	Low	-28.557	-35.425	-39.035	-26.772	-33.479	-18.340
	Middle	-29.636	-37.148	-39.016	-32.194	-31.129	-19.336
	High	-29.917	-36.501	-39.090	-31.889	-28.077	-19.662
256QAM	Low	-28.222	-35.693	-38.619	-26.571	-33.504	-19.020
	Middle	-29.194	-36.840	-38.633	-32.228	-29.757	-20.241
	High	-29.310	-37.019	-39.047	-31.376	-28.241	-19.191

**(2 Port)5G NR n5 10 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.988	-34.559	-33.763	-26.140	-30.429	-17.666
	Middle	-27.996	-33.537	-33.308	-30.654	-29.430	-18.356
	High	-28.486	-32.885	-33.111	-31.133	-27.338	-17.616
16QAM	Low	-29.458	-39.016	-33.286	-26.695	-30.247	-18.256
	Middle	-27.851	-32.940	-33.159	-30.591	-29.978	-17.846
	High	-28.316	-35.094	-33.143	-31.116	-28.008	-18.276
64QAM	Low	-29.083	-32.762	-33.365	-26.813	-30.575	-17.612
	Middle	-28.295	-35.454	-33.437	-30.897	-30.063	-17.897
	High	-28.332	-33.696	-32.351	-31.525	-27.814	-18.340
256QAM	Low	-27.917	-34.332	-33.181	-27.321	-30.463	-17.771
	Middle	-28.120	-34.059	-33.067	-30.384	-29.779	-17.792
	High	-28.591	-33.825	-33.409	-30.336	-27.484	-18.434

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.460	-36.232	-38.995	-26.322	-31.312	-19.673
	Middle	-27.943	-37.645	-39.387	-30.936	-31.072	-18.893
	High	-27.999	-35.784	-39.262	-30.494	-25.601	-19.335
16QAM	Low	-29.207	-35.644	-38.444	-26.263	-30.733	-19.828
	Middle	-28.489	-37.240	-39.423	-29.720	-30.926	-19.992
	High	-29.548	-35.786	-38.720	-30.861	-26.303	-19.601
64QAM	Low	-29.071	-35.986	-38.545	-25.379	-31.483	-19.490
	Middle	-28.238	-35.511	-38.808	-30.764	-30.693	-19.266
	High	-27.472	-36.943	-38.747	-31.104	-26.346	-18.432
256QAM	Low	-29.359	-36.564	-38.946	-26.024	-30.898	-19.084
	Middle	-28.625	-35.792	-38.918	-30.874	-30.150	-19.466
	High	-29.192	-36.437	-38.925	-30.804	-26.376	-19.887

**(4 Port)5G NR n5 5 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.065	-31.328	-32.902	-27.614	-32.826	-22.394
	Middle	-28.542	-32.279	-33.392	-32.355	-30.481	-21.828
	High	-30.425	-31.763	-33.676	-32.936	-27.452	-22.071
16QAM	Low	-28.816	-32.663	-32.412	-24.729	-33.243	-22.161
	Middle	-30.033	-31.252	-33.093	-32.183	-30.443	-22.005
	High	-28.696	-32.319	-33.460	-32.661	-21.638	-22.340
64QAM	Low	-29.476	-31.524	-32.472	-22.800	-32.995	-22.814
	Middle	-28.851	-32.447	-33.363	-32.115	-30.338	-21.006
	High	-28.581	-32.947	-33.783	-33.366	-27.913	-22.338
256QAM	Low	-28.620	-32.812	-33.539	-21.629	-33.254	-22.316
	Middle	-29.683	-33.234	-33.773	-32.089	-31.168	-22.061
	High	-29.128	-32.220	-32.938	-33.076	-26.080	-22.085

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.879	-37.313	-38.896	-28.659	-34.832	-23.423
	Middle	-29.648	-38.314	-38.882	-32.939	-31.193	-23.262
	High	-29.118	-37.663	-39.382	-32.947	-28.073	-23.700
16QAM	Low	-30.444	-39.172	-38.572	-29.365	-34.708	-22.598
	Middle	-28.339	-37.255	-38.766	-33.432	-31.568	-23.522
	High	-29.035	-37.062	-38.931	-33.050	-28.366	-22.587
64QAM	Low	-28.824	-37.776	-38.726	-29.167	-34.563	-23.580
	Middle	-29.292	-38.235	-39.032	-32.780	-30.947	-22.328
	High	-30.616	-38.381	-39.344	-33.123	-29.363	-23.980
256QAM	Low	-28.790	-38.715	-39.224	-29.248	-35.194	-23.359
	Middle	-28.604	-36.762	-39.018	-33.572	-30.405	-23.058
	High	-28.938	-38.218	-39.269	-32.666	-27.293	-23.978

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-30.676	-41.545	-38.874	-28.537	-34.112	-25.977
	Middle	-30.271	-41.328	-38.639	-32.481	-32.654	-26.078
	High	-31.490	-41.558	-39.403	-33.997	-28.508	-26.353
16QAM	Low	-31.342	-41.799	-39.375	-27.391	-33.618	-25.777
	Middle	-31.770	-42.921	-38.734	-32.025	-31.683	-25.748
	High	-29.156	-41.477	-38.974	-34.228	-27.630	-25.899
64QAM	Low	-30.355	-42.527	-38.950	-28.063	-34.124	-25.512
	Middle	-31.176	-42.778	-38.471	-31.751	-31.222	-26.143
	High	-31.294	-40.829	-38.252	-34.065	-26.421	-26.380
256QAM	Low	-30.631	-42.227	-38.802	-27.286	-34.176	-26.121
	Middle	-31.607	-42.685	-38.589	-32.396	-31.902	-24.095
	High	-31.115	-42.901	-38.578	-33.953	-27.151	-25.917

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.972	-34.337	-35.530	-27.527	-34.401	-24.283
	Middle	-28.807	-34.726	-35.261	-31.624	-31.618	-23.732
	High	-29.576	-34.532	-34.858	-33.023	-28.425	-23.562
16QAM	Low	-27.480	-35.044	-35.461	-25.526	-34.316	-24.224
	Middle	-27.743	-35.064	-35.248	-32.352	-32.174	-24.283
	High	-28.313	-34.371	-34.480	-33.358	-27.860	-23.969
64QAM	Low	-27.721	-32.601	-35.413	-27.722	-34.443	-23.887
	Middle	-28.678	-33.831	-34.898	-31.832	-31.414	-23.457
	High	-28.457	-35.756	-35.101	-33.356	-27.597	-24.229
256QAM	Low	-27.794	-33.485	-35.093	-27.518	-34.218	-24.106
	Middle	-29.452	-31.850	-34.741	-32.514	-31.881	-24.321
	High	-27.769	-35.061	-35.037	-33.465	-28.514	-23.730

**(2 Port)LTE B13 5 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Low	-26.599	-31.465	-33.844	-25.299	-30.706	-35.267
	Middle	-26.866	-30.800	-33.629	-29.804	-32.114	-36.146
	High	-26.076	-30.975	-33.807	-31.731	-23.551	-35.454
16QAM	Low	-26.995	-33.620	-33.603	-25.570	-31.846	-35.765
	Middle	-27.258	-31.729	-33.984	-31.758	-32.140	-36.156
	High	-23.233	-32.796	-33.793	-32.015	-23.614	-35.654
64QAM	Low	-27.244	-31.452	-33.795	-26.384	-32.176	-36.027
	Middle	-27.164	-32.559	-33.882	-31.672	-32.361	-35.963
	High	-26.615	-30.952	-34.220	-32.133	-24.801	-35.789
256QAM	Low	-27.407	-31.581	-33.872	-24.878	-31.918	-36.271
	Middle	-27.213	-33.012	-33.657	-30.860	-31.440	-35.948
	High	-26.745	-31.757	-33.657	-32.902	-23.184	-35.694

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 -775 MHz	Additional 793 - 805 MHz	Additional 1 559 – 1610 MHz
QPSK	Low	-30.926	-51.176	-51.476	-61.701	-63.776	-47.235
	Middle	-30.707	-51.135	-51.237	-61.246	-63.641	-47.294
	High	-31.395	-51.719	-51.390	-60.589	-63.264	-48.612
16QAM	Low	-30.960	-51.833	-51.704	-61.259	-63.759	-47.261
	Middle	-31.541	-51.386	-51.820	-60.474	-63.492	-47.268
	High	-31.630	-52.119	-51.314	-61.116	-63.838	-48.509
64QAM	Low	-30.799	-51.514	-51.308	-61.940	-62.978	-47.267
	Middle	-31.383	-51.896	-51.790	-61.600	-63.535	-47.173
	High	-31.167	-51.585	-51.220	-61.331	-63.262	-48.097
256QAM	Low	-31.275	-51.698	-51.270	-62.056	-63.565	-47.190
	Middle	-31.295	-51.746	-50.869	-61.817	-63.540	-47.171
	High	-31.342	-51.494	-51.898	-60.803	-64.118	-48.707

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Low	-26.743	-37.311	-39.694	-24.571	-32.807	-39.275
	Middle	-27.490	-37.891	-39.335	-32.090	-33.464	-39.861
	High	-28.476	-36.256	-39.759	-32.943	-22.744	-40.035
16QAM	Low	-28.534	-35.874	-38.774	-24.929	-33.413	-39.794
	Middle	-27.287	-34.952	-39.502	-32.020	-34.080	-39.046
	High	-28.117	-37.225	-39.457	-33.867	-24.506	-39.683
64QAM	Low	-27.016	-36.853	-39.616	-25.848	-33.140	-40.186
	Middle	-28.049	-36.908	-39.025	-30.937	-31.104	-39.384
	High	-27.805	-37.691	-39.149	-33.686	-22.544	-39.596
256QAM	Low	-27.185	-37.646	-39.737	-26.362	-33.002	-39.532
	Middle	-26.911	-37.416	-39.072	-32.477	-33.871	-39.503
	High	-27.894	-36.763	-39.792	-33.424	-24.057	-39.853

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 - 775 MHz	Additional 793 - 805 MHz	Additional 1 559 - 1610 MHz
QPSK	Low	-36.168	-55.913	-54.078	-63.252	-65.090	-47.222
	Middle	-36.170	-56.319	-54.937	-63.059	-65.859	-47.335
	High	-35.972	-55.232	-54.606	-56.562	-65.756	-48.220
16QAM	Low	-35.795	-56.238	-55.293	-63.381	-66.342	-47.219
	Middle	-36.841	-55.981	-55.286	-62.807	-66.468	-47.180
	High	-35.675	-56.227	-55.003	-61.331	-66.190	-48.721
64QAM	Low	-35.464	-56.155	-54.572	-63.197	-66.556	-47.341
	Middle	-35.917	-56.284	-54.592	-62.573	-66.181	-47.247
	High	-36.125	-55.975	-55.116	-61.601	-66.038	-48.067
256QAM	Low	-36.368	-56.276	-54.881	-63.512	-66.206	-47.168
	Middle	-36.385	-55.981	-54.886	-62.309	-66.249	-47.159
	High	-36.248	-55.725	-55.251	-61.458	-66.201	-48.809

**(4 Port)LTE B13 5 MHz 1 Carrier  
Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Low	-28.850	-33.089	-34.004	-27.782	-31.788	-35.691
	Middle	-27.072	-31.583	-34.047	-30.812	-31.855	-36.397
	High	-27.629	-31.795	-33.353	-31.402	-22.959	-35.844
16QAM	Low	-28.479	-32.064	-33.634	-26.179	-31.660	-36.227
	Middle	-28.227	-32.185	-33.778	-32.297	-31.413	-35.835
	High	-29.372	-31.180	-33.685	-32.387	-23.054	-36.347
64QAM	Low	-29.577	-31.753	-33.686	-28.776	-31.715	-36.435
	Middle	-29.086	-31.449	-33.819	-32.361	-32.058	-35.848
	High	-27.387	-32.173	-33.743	-32.482	-23.528	-35.787
256QAM	Low	-27.598	-31.564	-33.994	-28.289	-32.226	-35.768
	Middle	-28.577	-32.557	-33.848	-32.041	-31.987	-35.869
	High	-28.185	-31.691	-33.205	-32.052	-23.602	-36.000

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 -775 MHz	Additional 793 - 805 MHz	Additional 1 559 – 1610 MHz
QPSK	Low	-30.966	-51.043	-51.768	-61.300	-64.486	-48.380
	Middle	-31.871	-51.546	-51.632	-61.013	-64.138	-48.501
	High	-30.765	-51.830	-51.501	-60.906	-64.059	-48.314
16QAM	Low	-31.186	-51.676	-51.390	-61.216	-64.789	-48.189
	Middle	-31.480	-51.464	-51.305	-61.422	-64.590	-48.570
	High	-31.455	-51.732	-51.529	-61.305	-63.899	-48.350
64QAM	Low	-30.741	-51.755	-51.028	-61.254	-64.242	-48.458
	Middle	-31.444	-51.551	-51.542	-61.337	-64.633	-48.183
	High	-31.544	-52.122	-51.057	-60.691	-64.638	-48.864
256QAM	Low	-30.916	-51.508	-51.334	-60.946	-64.541	-48.571
	Middle	-30.921	-51.525	-51.880	-61.592	-64.820	-48.479
	High	-31.558	-51.316	-51.286	-61.139	-64.472	-48.263

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Low	-29.234	-37.211	-39.940	-27.114	-33.471	-39.938
	Middle	-28.823	-38.451	-39.212	-32.722	-33.998	-39.013
	High	-28.382	-38.138	-39.623	-34.051	-21.791	-38.967
16QAM	Low	-29.233	-38.100	-39.465	-27.972	-33.859	-39.416
	Middle	-28.780	-37.694	-39.729	-33.568	-33.803	-39.720
	High	-28.930	-39.040	-39.327	-33.651	-21.939	-40.151
64QAM	Low	-29.525	-36.237	-39.288	-28.204	-33.826	-39.444
	Middle	-29.706	-36.551	-39.677	-33.272	-33.232	-38.826
	High	-28.440	-36.777	-40.049	-33.634	-22.932	-39.970
256QAM	Low	-27.385	-39.258	-39.683	-27.213	-32.567	-39.500
	Middle	-28.849	-37.142	-39.893	-33.232	-33.905	-40.269
	High	-30.110	-40.368	-39.338	-33.214	-20.838	-39.959

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 - 775 MHz	Additional 793 - 805 MHz	Additional 1 559 – 1610 MHz
QPSK	Low	-36.466	-55.852	-55.079	-62.542	-67.277	-48.215
	Middle	-36.705	-55.954	-54.591	-63.469	-67.193	-48.762
	High	-36.559	-55.949	-55.338	-62.642	-67.474	-47.916
16QAM	Low	-36.255	-56.201	-54.607	-63.527	-67.893	-48.281
	Middle	-36.327	-55.783	-54.812	-62.614	-67.478	-48.478
	High	-36.429	-56.192	-55.297	-62.969	-67.454	-48.371
64QAM	Low	-36.317	-56.201	-54.276	-63.563	-67.829	-48.893
	Middle	-36.131	-55.932	-55.143	-62.613	-67.310	-48.425
	High	-36.500	-56.381	-54.732	-63.065	-67.883	-48.153
256QAM	Low	-36.424	-56.099	-55.023	-63.436	-67.330	-48.907
	Middle	-35.922	-56.060	-55.294	-62.975	-67.069	-47.840
	High	-36.352	-56.100	-55.129	-63.164	-67.981	-48.514

## Test Result for Output Port 2

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Low	-30.720	-41.922	-39.687	-27.717	-28.996	-38.592
	Middle	-29.926	-41.510	-39.625	-32.476	-27.505	-39.309
	High	-30.167	-42.618	-39.812	-32.542	-22.751	-39.103
16QAM	Low	-31.163	-42.007	-39.450	-27.064	-32.648	-39.257
	Middle	-29.364	-41.851	-39.642	-32.846	-32.246	-39.787
	High	-29.250	-40.675	-39.694	-33.226	-23.784	-37.929
64QAM	Low	-30.913	-42.963	-40.005	-27.303	-26.983	-39.894
	Middle	-29.623	-40.827	-39.986	-32.664	-27.118	-39.168
	High	-30.252	-42.111	-39.808	-33.377	-22.596	-39.312
256QAM	Low	-31.259	-42.102	-39.705	-21.505	-32.756	-39.717
	Middle	-30.191	-41.529	-39.733	-32.624	-32.303	-39.190
	High	-29.382	-41.080	-39.788	-33.448	-22.814	-38.767

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 - 775 MHz	Additional 793 - 805 MHz	Additional 1 559 - 1610 MHz
QPSK	Low	-37.135	-57.628	-56.575	-63.712	-66.318	-47.335
	Middle	-37.308	-57.527	-56.866	-63.481	-66.668	-47.182
	High	-37.416	-57.709	-56.758	-62.943	-66.203	-47.231
16QAM	Low	-37.462	-57.192	-55.852	-63.339	-66.260	-47.475
	Middle	-36.525	-57.575	-56.048	-63.129	-66.382	-47.248
	High	-37.315	-57.444	-56.221	-62.371	-66.277	-47.468
64QAM	Low	-36.886	-57.250	-56.897	-63.465	-66.059	-47.208
	Middle	-37.250	-57.552	-56.826	-63.143	-65.922	-47.216
	High	-37.466	-56.993	-56.548	-62.991	-66.371	-47.198
256QAM	Low	-37.508	-57.652	-56.489	-63.604	-66.494	-47.190
	Middle	-37.128	-57.459	-56.640	-62.623	-66.300	-47.268
	High	-36.921	-56.379	-56.661	-62.629	-65.975	-47.209

## Test Result for Output Port 3

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Low	-27.952	-32.811	-35.439	-26.174	-32.874	-38.392
	Middle	-26.899	-33.562	-35.915	-32.823	-32.363	-38.122
	High	-26.774	-34.418	-36.061	-32.472	-23.416	-37.343
16QAM	Low	-27.486	-33.611	-35.031	-27.884	-32.891	-38.179
	Middle	-26.547	-34.831	-35.894	-32.760	-33.174	-37.786
	High	-26.527	-33.405	-35.765	-33.753	-23.114	-37.709
64QAM	Low	-27.459	-34.753	-35.571	-28.195	-32.452	-37.968
	Middle	-26.606	-34.019	-35.498	-33.087	-32.768	-37.747
	High	-26.182	-35.093	-35.627	-31.607	-23.552	-38.129
256QAM	Low	-25.914	-34.224	-35.826	-25.534	-33.246	-37.987
	Middle	-26.844	-34.108	-35.028	-32.624	-33.119	-37.979
	High	-26.780	-34.140	-35.808	-33.189	-24.062	-38.133

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 - 775 MHz	Additional 793 - 805 MHz	Additional 1 559 - 1610 MHz
QPSK	Low	-33.892	-53.707	-53.729	-61.835	-64.522	-47.330
	Middle	-33.968	-53.931	-53.433	-62.227	-65.574	-47.360
	High	-34.171	-54.211	-53.718	-61.833	-64.769	-47.437
16QAM	Low	-34.250	-54.009	-52.872	-62.370	-65.155	-47.345
	Middle	-34.102	-54.117	-53.336	-62.002	-65.243	-47.273
	High	-34.114	-54.204	-53.451	-61.412	-64.429	-47.259
64QAM	Low	-34.108	-54.023	-53.307	-61.143	-64.958	-47.157
	Middle	-33.883	-54.013	-53.609	-62.192	-65.240	-47.210
	High	-33.987	-53.504	-53.373	-61.947	-65.268	-47.319
256QAM	Low	-33.796	-53.840	-53.337	-61.945	-65.364	-47.185
	Middle	-34.049	-53.746	-53.429	-61.757	-64.873	-47.246
	High	-33.795	-53.534	-53.123	-62.115	-64.857	-47.226

**Tabular Data of RF Contiguous**

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

**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.529	-32.508	-33.110	-27.290	-28.193	-18.021
	Middle	-29.602	-32.695	-33.428	-28.671	-27.402	-18.229
	High	-28.264	-30.735	-33.237	-28.249	-27.111	-17.843
16QAM	Low	-29.488	-32.707	-33.906	-27.610	-28.670	-18.107
	Middle	-28.175	-29.913	-33.372	-26.990	-27.132	-18.311
	High	-28.252	-31.131	-33.504	-28.490	-26.786	-17.781
64QAM	Low	-28.440	-32.528	-33.444	-26.657	-27.677	-18.437
	Middle	-29.356	-31.951	-33.376	-28.064	-27.300	-17.850
	High	-27.272	-31.819	-33.069	-28.722	-27.302	-18.061
256QAM	Low	-29.112	-32.416	-32.884	-27.232	-27.832	-18.090
	Middle	-29.348	-31.340	-32.859	-28.297	-27.510	-18.036
	High	-29.186	-32.565	-33.737	-28.682	-27.785	-17.880

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.447	-38.980	-38.675	-25.220	-27.359	-19.565
	Middle	-28.478	-38.296	-37.793	-25.854	-27.057	-19.871
	High	-28.717	-36.803	-39.161	-26.561	-25.921	-19.565
16QAM	Low	-29.832	-38.884	-38.631	-25.332	-27.383	-19.605
	Middle	-29.311	-37.396	-38.705	-25.073	-26.014	-19.261
	High	-27.781	-37.541	-39.223	-26.646	-26.982	-18.792
64QAM	Low	-28.823	-38.613	-38.909	-24.631	-27.613	-19.235
	Middle	-29.551	-37.123	-38.654	-26.130	-26.700	-19.478
	High	-28.177	-35.990	-38.633	-26.676	-26.232	-19.152
256QAM	Low	-29.647	-37.911	-39.190	-25.630	-27.777	-19.644
	Middle	-28.001	-36.718	-38.868	-26.159	-26.152	-19.439
	High	-27.634	-38.390	-38.601	-26.866	-26.480	-19.577

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.702	-34.568	-32.999	-27.089	-30.831	-17.704
	Middle	-29.348	-33.753	-33.392	-29.856	-29.374	-18.384
	High	-28.415	-35.429	-33.282	-29.787	-26.585	-18.184
16QAM	Low	-28.904	-32.955	-33.412	-25.895	-30.060	-17.844
	Middle	-28.316	-34.929	-33.458	-30.001	-29.507	-18.194
	High	-29.036	-33.400	-33.383	-30.706	-28.685	-18.452
64QAM	Low	-28.761	-32.578	-33.576	-25.665	-29.885	-18.217
	Middle	-27.284	-33.316	-33.490	-30.552	-29.802	-18.077
	High	-27.055	-35.115	-33.238	-30.767	-27.615	-18.181
256QAM	Low	-28.756	-34.381	-33.211	-25.393	-29.859	-18.277
	Middle	-28.282	-35.222	-33.637	-30.164	-30.069	-18.109
	High	-25.684	-34.628	-33.647	-31.493	-27.873	-18.865

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.872	-36.538	-38.946	-25.538	-31.059	-19.391
	Middle	-28.549	-35.519	-38.918	-29.730	-30.110	-19.137
	High	-27.441	-36.040	-38.741	-30.569	-25.320	-19.789
16QAM	Low	-28.816	-34.814	-39.096	-25.633	-31.705	-19.936
	Middle	-27.639	-36.952	-38.979	-30.208	-31.021	-19.336
	High	-28.790	-36.448	-38.971	-30.395	-25.704	-19.686
64QAM	Low	-29.270	-36.489	-38.944	-25.236	-31.392	-19.516
	Middle	-27.445	-36.456	-38.871	-29.772	-30.174	-19.778
	High	-28.560	-35.744	-39.346	-30.940	-25.619	-19.379
256QAM	Low	-28.263	-36.803	-39.118	-25.084	-30.785	-19.820
	Middle	-29.088	-34.166	-39.471	-30.135	-30.370	-19.336
	High	-28.540	-35.904	-39.263	-30.549	-25.137	-20.045

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-30.597	-32.758	-33.436	-26.478	-27.808	-18.401
	Middle	-28.935	-33.918	-33.364	-27.968	-26.998	-17.697
	High	-29.142	-35.232	-33.182	-29.032	-27.384	-17.892
16QAM	Low	-29.512	-33.892	-33.637	-26.605	-27.851	-18.219
	Middle	-28.035	-35.476	-33.216	-27.427	-27.277	-17.657
	High	-27.591	-33.923	-33.396	-28.302	-27.461	-18.636
64QAM	Low	-28.520	-34.351	-33.454	-26.515	-28.139	-17.658
	Middle	-27.472	-34.501	-33.651	-27.065	-27.651	-18.279
	High	-27.486	-33.770	-33.376	-28.710	-27.701	-18.064
256QAM	Low	-28.560	-33.331	-33.166	-26.292	-28.079	-18.403
	Middle	-30.415	-34.374	-33.013	-27.786	-27.254	-17.726
	High	-28.529	-36.189	-32.885	-28.458	-27.116	-18.068

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-30.106	-36.083	-39.202	-25.315	-26.767	-19.551
	Middle	-27.408	-36.842	-39.118	-25.517	-25.905	-19.185
	High	-30.005	-37.626	-39.010	-26.711	-26.248	-20.016
16QAM	Low	-28.544	-37.163	-38.999	-25.538	-27.361	-18.779
	Middle	-29.240	-36.923	-39.136	-25.486	-26.648	-19.117
	High	-28.704	-36.519	-39.150	-26.344	-25.930	-19.108
64QAM	Low	-29.644	-35.366	-39.324	-24.732	-27.567	-19.215
	Middle	-28.268	-37.168	-38.248	-25.090	-26.729	-19.366
	High	-29.828	-36.514	-39.103	-26.230	-27.047	-19.379
256QAM	Low	-28.361	-37.916	-38.849	-24.782	-27.094	-19.069
	Middle	-30.322	-37.276	-39.191	-25.663	-26.268	-19.406
	High	-28.198	-37.348	-39.111	-31.336	-31.784	-19.939

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-30.119	-34.653	-33.098	-27.446	-30.650	-17.845
	Middle	-28.746	-33.452	-32.694	-29.003	-28.653	-18.034
	High	-29.428	-33.215	-33.350	-29.923	-28.363	-18.194
16QAM	Low	-28.271	-35.140	-32.806	-27.069	-29.843	-18.339
	Middle	-29.374	-32.313	-32.877	-29.649	-28.277	-17.950
	High	-29.472	-34.861	-33.534	-30.453	-28.550	-18.065
64QAM	Low	-29.134	-35.916	-33.205	-27.112	-30.166	-18.082
	Middle	-28.904	-33.898	-33.366	-29.438	-29.136	-17.793
	High	-28.304	-34.557	-33.405	-29.646	-27.867	-18.197
256QAM	Low	-29.501	-35.282	-33.390	-27.106	-30.509	-18.057
	Middle	-28.994	-33.755	-33.216	-29.181	-28.664	-18.311
	High	-28.645	-34.655	-33.578	-30.155	-27.247	-17.709

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.913	-36.643	-39.316	-25.771	-29.318	-19.264
	Middle	-28.501	-37.063	-38.891	-27.735	-27.520	-19.373
	High	-29.704	-36.607	-39.111	-29.598	-25.964	-19.761
16QAM	Low	-28.132	-36.800	-38.816	-25.088	-30.268	-19.695
	Middle	-28.493	-37.247	-38.751	-27.923	-28.607	-19.294
	High	-27.811	-37.903	-38.994	-29.235	-25.772	-18.762
64QAM	Low	-28.025	-36.601	-39.318	-25.451	-29.881	-19.282
	Middle	-29.977	-36.863	-39.261	-28.027	-28.130	-19.457
	High	-29.237	-34.777	-38.907	-29.584	-26.256	-19.843
256QAM	Low	-28.715	-37.229	-38.457	-25.556	-30.079	-19.803
	Middle	-27.590	-37.685	-39.281	-27.749	-27.635	-19.531
	High	-29.312	-34.917	-39.279	-29.666	-25.818	-19.540

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-27.034	-32.254	-33.509	-26.270	-30.491	-18.218
	Middle	-29.039	-34.875	-33.229	-30.565	-29.865	-18.048
	High	-29.191	-33.285	-32.046	-31.646	-27.648	-18.048
16QAM	Low	-27.915	-35.561	-33.157	-26.062	-30.247	-18.208
	Middle	-28.746	-33.803	-32.760	-30.382	-29.984	-18.625
	High	-29.300	-34.193	-32.914	-30.801	-26.611	-18.464
64QAM	Low	-28.177	-34.211	-33.554	-25.967	-30.533	-18.380
	Middle	-29.336	-34.991	-33.301	-30.566	-30.063	-17.927
	High	-29.775	-34.654	-33.327	-30.395	-27.401	-18.237
256QAM	Low	-28.454	-33.965	-32.950	-26.854	-30.708	-17.996
	Middle	-29.691	-33.442	-33.130	-30.261	-29.268	-18.471
	High	-29.328	-34.138	-33.205	-30.526	-28.275	-18.064

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.460	-36.233	-38.494	-25.438	-31.738	-19.903
	Middle	-28.628	-35.966	-38.567	-29.784	-29.654	-19.682
	High	-28.975	-36.907	-39.379	-30.623	-25.392	-19.658
16QAM	Low	-28.324	-36.861	-39.488	-25.273	-30.688	-19.694
	Middle	-28.141	-35.824	-39.053	-29.839	-30.021	-19.860
	High	-28.343	-35.849	-39.238	-30.931	-25.735	-19.792
64QAM	Low	-28.012	-36.608	-38.945	-26.266	-31.830	-19.771
	Middle	-29.948	-36.803	-39.265	-30.390	-30.729	-19.568
	High	-28.731	-36.917	-38.780	-30.624	-25.958	-19.647
256QAM	Low	-29.246	-35.451	-38.513	-25.118	-31.092	-19.287
	Middle	-29.314	-37.026	-38.757	-30.105	-30.514	-19.602
	High	-28.108	-34.806	-38.966	-30.454	-25.092	-19.753

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.264	-31.576	-33.293	-27.366	-30.325	-17.769
	Middle	-29.005	-35.725	-33.227	-29.140	-28.038	-18.309
	High	-28.927	-33.102	-32.187	-30.627	-27.703	-18.064
16QAM	Low	-29.055	-34.298	-33.204	-27.700	-30.112	-18.188
	Middle	-28.675	-34.430	-33.273	-28.121	-28.154	-18.257
	High	-28.939	-33.064	-33.225	-30.509	-28.137	-18.148
64QAM	Low	-29.145	-33.524	-33.422	-27.557	-29.731	-17.979
	Middle	-28.890	-33.567	-33.464	-29.103	-28.537	-18.223
	High	-28.490	-33.581	-33.439	-30.010	-27.177	-18.203
256QAM	Low	-27.385	-33.821	-32.742	-27.629	-29.964	-18.428
	Middle	-29.233	-32.665	-33.167	-29.267	-28.928	-18.497
	High	-25.946	-35.083	-32.821	-30.865	-28.019	-17.796

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.598	-39.353	-39.051	-25.247	-29.974	-19.517
	Middle	-29.594	-36.923	-39.218	-27.871	-27.577	-19.493
	High	-29.463	-37.946	-38.509	-29.201	-25.578	-19.577
16QAM	Low	-29.397	-36.661	-38.145	-26.018	-30.282	-19.557
	Middle	-28.298	-36.433	-38.769	-27.612	-28.223	-19.662
	High	-28.050	-37.249	-38.785	-29.425	-26.173	-19.470
64QAM	Low	-28.855	-36.202	-37.978	-25.653	-30.456	-19.259
	Middle	-29.066	-35.274	-38.956	-27.780	-28.064	-19.713
	High	-28.701	-36.785	-38.856	-29.749	-26.650	-19.330
256QAM	Low	-27.896	-36.804	-38.543	-25.617	-30.044	-19.526
	Middle	-28.473	-35.188	-39.486	-27.755	-27.975	-19.432
	High	-29.414	-36.591	-39.144	-29.619	-26.609	-19.087

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.931	-32.884	-32.386	-25.891	-28.157	-18.183
	Middle	-29.263	-32.794	-33.174	-27.924	-27.501	-18.025
	High	-29.571	-33.007	-33.375	-28.492	-27.208	-18.290
16QAM	Low	-28.793	-33.045	-33.006	-27.052	-27.988	-17.960
	Middle	-27.439	-30.925	-33.153	-27.825	-27.437	-18.008
	High	-27.971	-33.194	-32.731	-28.692	-27.272	-18.060
64QAM	Low	-28.092	-30.915	-33.255	-26.874	-28.207	-18.057
	Middle	-29.872	-33.292	-33.407	-28.187	-27.182	-18.008
	High	-28.097	-32.061	-33.069	-28.538	-26.977	-17.871
256QAM	Low	-28.609	-32.008	-33.163	-26.796	-27.927	-17.937
	Middle	-29.416	-31.434	-32.875	-27.962	-27.753	-17.938
	High	-29.103	-32.910	-33.232	-28.664	-27.590	-18.067

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-27.271	-37.803	-38.419	-25.040	-27.143	-19.400
	Middle	-29.621	-38.602	-38.286	-25.478	-26.609	-18.938
	High	-29.101	-38.014	-39.318	-26.543	-26.549	-19.568
16QAM	Low	-30.278	-38.175	-38.883	-25.363	-27.190	-19.336
	Middle	-28.965	-37.677	-39.038	-25.321	-26.798	-19.642
	High	-29.017	-37.519	-38.987	-26.189	-26.655	-19.839
64QAM	Low	-29.470	-35.863	-39.106	-25.184	-27.191	-19.264
	Middle	-27.625	-37.656	-38.942	-25.171	-26.573	-19.477
	High	-28.860	-37.967	-38.286	-26.615	-25.953	-19.420
256QAM	Low	-28.362	-36.851	-38.806	-25.503	-27.586	-19.378
	Middle	-28.808	-38.362	-37.714	-25.582	-26.596	-19.279
	High	-27.603	-38.192	-39.145	-26.631	-26.162	-19.328

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.441	-21.132	-33.916	-27.877	-29.370	-21.880
	Middle	-28.618	-21.275	-33.138	-28.961	-28.958	-22.501
	High	-28.488	-32.494	-33.187	-29.238	-27.983	-22.513
16QAM	Low	-26.260	-20.544	-33.015	-27.611	-28.576	-22.735
	Middle	-28.378	-21.485	-33.511	-29.066	-28.437	-22.409
	High	-29.539	-31.313	-33.310	-28.736	-29.004	-22.258
64QAM	Low	-29.475	-20.726	-33.554	-27.832	-28.988	-22.087
	Middle	-29.136	-20.732	-33.526	-29.029	-29.004	-22.548
	High	-29.089	-32.215	-33.027	-28.279	-29.101	-22.386
256QAM	Low	-27.853	-20.576	-33.010	-27.893	-28.870	-22.095
	Middle	-28.212	-21.675	-33.488	-29.215	-28.916	-22.568
	High	-29.768	-33.576	-33.621	-29.050	-28.362	-21.249

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.331	-24.132	-38.988	-26.793	-29.267	-23.610
	Middle	-28.831	-23.990	-38.885	-27.584	-27.892	-23.404
	High	-29.437	-38.771	-38.726	-28.048	-26.980	-23.108
16QAM	Low	-28.518	-23.693	-39.109	-27.030	-28.781	-23.119
	Middle	-28.924	-23.499	-38.547	-27.489	-27.326	-21.822
	High	-30.140	-37.811	-39.151	-27.921	-27.171	-24.042
64QAM	Low	-28.687	-24.446	-38.667	-26.877	-28.143	-22.840
	Middle	-28.933	-23.523	-38.909	-27.106	-28.259	-22.648
	High	-28.939	-38.843	-38.976	-28.241	-27.586	-22.673
256QAM	Low	-29.455	-24.140	-39.101	-26.841	-28.675	-23.591
	Middle	-28.152	-22.683	-39.504	-26.738	-27.577	-23.752
	High	-29.930	-38.463	-39.040	-28.802	-28.104	-23.490

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-31.401	-24.037	-38.779	-27.768	-29.298	-24.328
	Middle	-31.721	-24.464	-38.769	-27.447	-28.367	-25.921
	High	-30.647	-42.623	-38.984	-27.716	-27.758	-24.927
16QAM	Low	-32.417	-24.699	-38.435	-27.506	-29.008	-25.123
	Middle	-30.100	-24.012	-38.981	-27.561	-28.139	-25.665
	High	-31.667	-39.814	-38.261	-27.841	-27.324	-23.689
64QAM	Low	-30.851	-23.552	-38.496	-28.002	-28.503	-26.018
	Middle	-30.301	-25.224	-38.959	-28.085	-28.098	-25.868
	High	-31.363	-40.997	-38.861	-27.962	-27.080	-25.763
256QAM	Low	-32.063	-23.679	-39.363	-28.057	-28.395	-25.655
	Middle	-30.193	-23.958	-39.007	-28.456	-27.917	-24.703
	High	-31.283	-41.902	-38.691	-28.519	-27.034	-25.724

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-27.282	-22.094	-35.398	-28.739	-30.230	-24.149
	Middle	-28.939	-21.135	-35.236	-29.496	-29.893	-23.770
	High	-27.882	-35.217	-34.853	-29.276	-29.238	-23.841
16QAM	Low	-27.867	-20.835	-35.262	-28.848	-30.622	-23.953
	Middle	-27.506	-20.780	-35.634	-28.592	-29.765	-23.818
	High	-27.815	-34.985	-35.239	-29.649	-29.822	-24.538
64QAM	Low	-27.996	-21.206	-35.568	-28.647	-30.554	-24.105
	Middle	-27.718	-20.942	-34.901	-29.109	-30.021	-24.504
	High	-28.765	-34.033	-35.568	-29.400	-29.446	-24.539
256QAM	Low	-27.872	-20.609	-35.357	-29.070	-30.284	-23.466
	Middle	-28.607	-20.640	-34.937	-29.595	-30.038	-24.161
	High	-27.571	-33.793	-34.468	-29.617	-29.992	-24.065

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-30.015	-32.061	-33.459	-24.517	-29.589	-22.662
	Middle	-28.764	-32.509	-33.100	-29.741	-27.460	-22.360
	High	-29.192	-32.394	-33.211	-31.766	-27.930	-22.342
16QAM	Low	-27.657	-31.467	-33.646	-25.418	-29.363	-21.246
	Middle	-27.772	-33.283	-33.270	-30.782	-27.017	-20.638
	High	-29.294	-33.158	-33.193	-29.051	-24.476	-21.293
64QAM	Low	-29.699	-32.036	-33.355	-27.257	-29.420	-20.929
	Middle	-29.103	-32.334	-33.614	-29.480	-26.694	-22.506
	High	-29.534	-31.295	-33.414	-30.238	-25.378	-21.936
256QAM	Low	-28.920	-32.147	-33.424	-26.534	-29.358	-22.170
	Middle	-30.296	-32.052	-33.638	-31.639	-27.591	-22.405
	High	-29.435	-32.175	-33.315	-30.846	-25.591	-21.697

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.737	-38.887	-38.714	-27.272	-30.064	-20.673
	Middle	-29.741	-38.323	-38.967	-31.276	-31.308	-21.215
	High	-28.935	-39.017	-39.171	-31.268	-27.305	-20.943
16QAM	Low	-29.329	-37.911	-39.076	-26.998	-31.990	-21.027
	Middle	-27.748	-37.787	-38.941	-31.423	-30.685	-22.007
	High	-28.249	-38.075	-38.955	-31.627	-27.148	-22.686
64QAM	Low	-29.243	-38.207	-39.294	-27.589	-31.724	-20.902
	Middle	-29.419	-37.623	-39.262	-31.374	-30.775	-20.631
	High	-29.335	-38.343	-38.631	-31.724	-27.324	-21.445
256QAM	Low	-29.517	-38.141	-38.726	-27.356	-31.223	-21.419
	Middle	-28.971	-37.375	-39.491	-31.196	-30.748	-22.103
	High	-29.179	-35.940	-39.072	-31.220	-26.641	-21.724

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-31.201	-41.228	-38.970	-26.819	-31.245	-22.158
	Middle	-31.180	-41.551	-39.359	-31.183	-30.663	-23.897
	High	-31.088	-42.102	-38.360	-29.637	-26.496	-22.311
16QAM	Low	-31.746	-41.299	-38.884	-27.522	-31.336	-21.945
	Middle	-31.186	-42.543	-38.712	-29.341	-30.400	-23.747
	High	-29.798	-42.639	-38.778	-30.439	-26.193	-23.769
64QAM	Low	-30.335	-42.253	-38.706	-26.045	-31.480	-22.875
	Middle	-31.148	-40.052	-39.003	-30.884	-30.372	-23.949
	High	-32.410	-41.328	-39.041	-29.927	-26.495	-22.163
256QAM	Low	-31.444	-42.217	-38.984	-26.836	-31.259	-23.118
	Middle	-31.368	-41.950	-39.131	-29.147	-29.992	-22.785
	High	-31.452	-42.318	-38.791	-30.369	-25.987	-24.939

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.226	-34.611	-35.301	-28.016	-32.642	-23.272
	Middle	-29.694	-34.320	-35.029	-31.167	-31.543	-21.153
	High	-28.156	-33.075	-35.430	-31.175	-27.793	-23.767
16QAM	Low	-27.952	-33.366	-34.700	-28.463	-31.670	-23.504
	Middle	-27.718	-33.779	-35.549	-31.531	-31.933	-21.796
	High	-28.282	-34.484	-35.155	-31.785	-28.851	-23.896
64QAM	Low	-27.654	-33.507	-35.036	-28.605	-32.952	-23.820
	Middle	-28.505	-32.996	-35.748	-31.397	-31.797	-23.755
	High	-28.894	-33.914	-35.097	-31.022	-28.119	-23.975
256QAM	Low	-28.763	-33.235	-34.957	-27.888	-32.402	-24.193
	Middle	-28.864	-33.277	-34.467	-31.401	-31.698	-22.796
	High	-28.264	-34.493	-34.766	-30.644	-29.006	-24.069

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.745	-32.485	-33.148	-27.437	-28.760	-22.043
	Middle	-30.007	-31.965	-33.224	-28.294	-28.358	-22.283
	High	-27.884	-32.077	-33.223	-28.643	-27.084	-22.053
16QAM	Low	-30.698	-32.488	-33.350	-28.106	-28.422	-22.308
	Middle	-29.423	-30.702	-33.252	-25.579	-28.354	-22.504
	High	-29.238	-32.032	-33.754	-28.649	-27.823	-22.387
64QAM	Low	-29.671	-31.072	-33.516	-26.674	-26.134	-21.733
	Middle	-30.241	-31.635	-33.554	-28.308	-28.498	-21.722
	High	-28.951	-31.795	-33.480	-29.103	-27.941	-22.248
256QAM	Low	-29.389	-31.030	-33.522	-26.638	-26.726	-21.792
	Middle	-29.226	-32.468	-32.505	-28.347	-28.621	-22.353
	High	-28.787	-33.075	-33.381	-28.847	-28.351	-21.885

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.355	-37.521	-39.193	-26.476	-28.147	-23.371
	Middle	-29.294	-38.845	-38.509	-27.209	-27.724	-22.989
	High	-29.232	-38.131	-38.643	-27.839	-27.284	-23.354
16QAM	Low	-29.945	-38.612	-38.898	-26.676	-27.758	-21.883
	Middle	-29.430	-38.605	-38.820	-27.095	-27.788	-23.624
	High	-29.562	-38.575	-38.684	-27.694	-27.716	-22.531
64QAM	Low	-27.772	-38.337	-39.082	-26.334	-27.410	-23.414
	Middle	-29.634	-37.679	-38.954	-26.982	-27.127	-23.418
	High	-29.052	-37.470	-39.231	-27.741	-27.427	-23.540
256QAM	Low	-29.632	-37.499	-38.943	-26.320	-27.843	-23.240
	Middle	-29.927	-37.665	-39.282	-27.047	-27.453	-22.295
	High	-28.832	-38.000	-38.993	-27.982	-27.585	-22.889

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-30.220	-43.269	-38.789	-27.340	-28.573	-25.620
	Middle	-30.366	-40.420	-38.420	-27.288	-27.791	-24.825
	High	-31.522	-42.328	-38.694	-27.622	-26.867	-25.114
16QAM	Low	-30.427	-42.695	-38.934	-27.904	-28.237	-25.526
	Middle	-31.588	-40.237	-39.109	-27.045	-26.928	-25.505
	High	-31.045	-40.984	-38.330	-27.807	-27.152	-25.607
64QAM	Low	-30.533	-40.733	-38.354	-27.628	-28.590	-25.572
	Middle	-31.732	-41.708	-39.029	-27.923	-27.992	-24.270
	High	-30.200	-42.707	-39.080	-27.521	-26.947	-25.728
256QAM	Low	-30.503	-41.876	-38.945	-27.370	-28.362	-25.587
	Middle	-30.529	-42.314	-38.538	-26.831	-27.660	-25.411
	High	-30.562	-42.360	-38.826	-27.889	-25.744	-25.131

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.539	-34.126	-35.450	-28.647	-30.367	-23.620
	Middle	-28.321	-34.075	-35.281	-29.351	-30.013	-23.717
	High	-29.861	-33.384	-34.736	-28.836	-28.966	-23.975
16QAM	Low	-28.567	-32.621	-35.038	-29.079	-30.313	-23.389
	Middle	-28.288	-32.007	-34.674	-28.717	-30.107	-24.469
	High	-28.428	-34.924	-34.910	-28.819	-29.403	-23.384
64QAM	Low	-28.001	-34.072	-35.023	-28.740	-30.942	-24.056
	Middle	-28.044	-33.409	-34.431	-28.308	-29.490	-23.802
	High	-27.549	-33.337	-35.057	-29.227	-29.553	-24.113
256QAM	Low	-28.721	-33.905	-35.104	-28.883	-30.543	-23.961
	Middle	-28.712	-34.734	-34.501	-29.044	-30.435	-23.853
	High	-27.698	-33.528	-35.504	-29.186	-29.213	-24.336

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.816	-31.707	-33.871	-29.407	-30.882	-22.570
	Middle	-26.272	-32.387	-33.578	-30.763	-29.518	-22.392
	High	-26.603	-31.750	-33.629	-30.976	-28.491	-22.378
16QAM	Low	-26.504	-33.311	-33.506	-29.097	-30.479	-21.754
	Middle	-28.086	-32.127	-33.739	-30.424	-28.729	-22.380
	High	-26.765	-31.316	-33.864	-28.680	-27.229	-22.094
64QAM	Low	-26.270	-32.545	-33.584	-28.990	-30.253	-22.404
	Middle	-27.194	-29.951	-33.061	-29.644	-27.563	-22.291
	High	-26.614	-33.316	-33.104	-28.065	-28.147	-22.133
256QAM	Low	-27.377	-33.372	-34.006	-28.889	-30.953	-22.681
	Middle	-27.915	-32.435	-33.971	-29.197	-25.797	-22.236
	High	-26.984	-31.830	-34.217	-30.022	-26.820	-21.778

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-26.714	-39.318	-36.871	-27.851	-31.061	-23.095
	Middle	-26.537	-39.364	-36.943	-29.066	-29.557	-22.112
	High	-27.650	-38.630	-36.859	-30.438	-26.981	-22.941
16QAM	Low	-26.203	-37.775	-36.653	-27.940	-31.927	-21.074
	Middle	-25.894	-37.152	-36.719	-29.445	-30.398	-22.225
	High	-27.232	-37.964	-36.570	-29.742	-27.295	-22.722
64QAM	Low	-25.960	-37.452	-36.129	-27.621	-31.713	-22.749
	Middle	-27.110	-39.110	-36.701	-28.602	-28.577	-22.333
	High	-28.062	-39.371	-36.443	-30.524	-26.807	-23.061
256QAM	Low	-28.072	-36.947	-36.872	-27.648	-31.275	-21.787
	Middle	-26.950	-36.777	-36.882	-29.194	-29.248	-22.631
	High	-27.810	-38.427	-36.607	-30.880	-27.817	-23.551

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.370	-42.895	-37.379	-27.563	-30.497	-25.236
	Middle	-29.626	-42.604	-37.537	-28.660	-27.743	-24.163
	High	-29.820	-41.152	-37.296	-29.538	-27.116	-24.406
16QAM	Low	-29.502	-43.239	-37.467	-27.248	-30.288	-24.350
	Middle	-28.429	-42.965	-37.071	-28.385	-28.581	-25.313
	High	-29.309	-42.742	-37.003	-30.656	-27.891	-25.007
64QAM	Low	-30.074	-41.999	-37.708	-27.210	-30.912	-23.713
	Middle	-27.089	-41.730	-37.381	-28.086	-28.215	-24.740
	High	-29.588	-42.783	-35.984	-30.618	-27.509	-24.704
256QAM	Low	-29.465	-42.240	-37.585	-26.977	-30.857	-24.542
	Middle	-29.507	-42.226	-37.093	-28.698	-28.594	-22.504
	High	-29.488	-43.283	-37.641	-30.466	-26.997	-25.553

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-26.297	-34.255	-34.725	-29.889	-32.283	-23.766
	Middle	-27.173	-34.202	-34.701	-30.683	-30.968	-24.406
	High	-26.718	-34.841	-34.338	-30.816	-29.482	-23.587
16QAM	Low	-26.972	-35.695	-34.804	-29.565	-32.115	-24.486
	Middle	-26.371	-34.773	-35.436	-30.245	-31.530	-24.136
	High	-26.084	-33.625	-35.304	-30.647	-29.069	-24.178
64QAM	Low	-27.345	-33.296	-34.882	-29.145	-31.605	-24.593
	Middle	-26.216	-34.415	-33.959	-30.143	-31.491	-24.212
	High	-25.925	-34.634	-35.206	-30.579	-28.776	-24.162
256QAM	Low	-25.926	-34.428	-34.502	-29.559	-32.527	-23.982
	Middle	-26.094	-35.421	-34.737	-29.866	-30.918	-24.254
	High	-26.571	-33.164	-34.522	-30.540	-29.867	-24.070

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-27.220	-33.188	-33.370	-26.650	-29.072	-21.724
	Middle	-27.885	-34.909	-33.587	-30.405	-27.535	-22.192
	High	-29.328	-33.952	-33.495	-31.597	-24.783	-22.129
16QAM	Low	-27.593	-33.374	-33.472	-24.500	-31.498	-21.442
	Middle	-28.698	-32.662	-33.305	-29.479	-26.824	-20.946
	High	-28.229	-34.008	-32.989	-31.370	-23.287	-22.603
64QAM	Low	-27.488	-34.966	-33.271	-25.177	-30.359	-22.075
	Middle	-27.526	-35.473	-33.683	-30.568	-28.685	-20.684
	High	-29.355	-33.754	-33.690	-30.945	-23.983	-22.528
256QAM	Low	-27.267	-34.342	-33.327	-25.920	-30.424	-21.574
	Middle	-27.574	-34.831	-33.548	-28.508	-29.215	-22.846
	High	-29.180	-34.449	-33.672	-31.228	-24.812	-22.046

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.485	-38.056	-39.159	-26.965	-31.128	-20.711
	Middle	-28.863	-36.629	-39.299	-30.752	-30.748	-21.680
	High	-27.931	-37.631	-39.122	-31.570	-26.804	-21.357
16QAM	Low	-28.757	-37.602	-38.665	-27.189	-31.738	-20.576
	Middle	-27.982	-37.885	-39.320	-31.774	-31.418	-22.121
	High	-28.822	-36.406	-38.978	-29.989	-26.429	-21.338
64QAM	Low	-28.724	-36.579	-39.149	-27.175	-31.780	-21.180
	Middle	-28.405	-37.709	-38.880	-31.580	-31.742	-21.242
	High	-29.656	-35.440	-39.328	-31.157	-26.847	-21.648
256QAM	Low	-28.647	-38.178	-39.369	-26.947	-31.466	-20.532
	Middle	-28.803	-37.657	-38.955	-30.190	-29.291	-20.844
	High	-29.586	-36.542	-38.221	-31.618	-27.508	-21.743

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.984	-38.671	-38.552	-27.311	-31.204	-22.514
	Middle	-29.819	-37.394	-39.236	-30.261	-30.411	-23.813
	High	-30.093	-36.600	-39.330	-30.849	-25.951	-22.599
16QAM	Low	-29.775	-38.005	-38.317	-27.240	-31.356	-21.695
	Middle	-29.751	-38.375	-39.270	-29.564	-30.315	-22.640
	High	-31.078	-37.649	-38.935	-29.649	-26.919	-23.330
64QAM	Low	-29.833	-37.836	-39.189	-26.816	-31.345	-23.063
	Middle	-30.373	-38.663	-38.870	-30.111	-30.675	-21.988
	High	-31.535	-36.855	-39.014	-29.789	-27.208	-22.825
256QAM	Low	-29.479	-38.200	-39.231	-27.424	-31.150	-21.584
	Middle	-29.375	-38.446	-39.286	-29.848	-29.774	-23.731
	High	-30.435	-39.495	-39.142	-30.046	-26.578	-24.933

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.287	-32.697	-35.698	-28.002	-31.497	-24.354
	Middle	-27.754	-34.059	-35.425	-31.582	-31.329	-23.715
	High	-28.028	-33.838	-35.345	-30.482	-28.064	-24.222
16QAM	Low	-27.495	-34.639	-35.674	-28.292	-32.623	-23.918
	Middle	-27.453	-35.048	-35.286	-31.436	-31.811	-24.412
	High	-26.743	-35.267	-35.697	-30.363	-27.701	-24.192
64QAM	Low	-27.738	-35.415	-35.446	-28.179	-32.498	-23.802
	Middle	-28.286	-34.244	-35.794	-31.057	-31.743	-23.909
	High	-26.415	-35.138	-34.898	-30.076	-27.737	-24.221
256QAM	Low	-27.573	-33.414	-35.639	-27.685	-31.203	-22.792
	Middle	-28.960	-33.947	-35.641	-30.879	-30.587	-23.983
	High	-28.728	-33.381	-35.511	-31.310	-28.570	-24.252

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.408	-34.898	-33.379	-26.146	-27.854	-21.883
	Middle	-27.914	-34.644	-32.892	-30.048	-29.777	-22.556
	High	-28.782	-35.263	-33.259	-28.268	-27.295	-22.401
16QAM	Low	-28.468	-35.855	-33.792	-26.431	-29.191	-21.742
	Middle	-30.045	-34.743	-33.023	-29.632	-29.177	-22.073
	High	-29.428	-34.559	-33.546	-29.742	-28.467	-22.197
64QAM	Low	-27.746	-33.171	-33.572	-27.747	-30.735	-21.234
	Middle	-29.141	-33.396	-33.406	-29.870	-29.197	-22.431
	High	-28.918	-33.850	-33.437	-28.181	-25.859	-21.814
256QAM	Low	-30.215	-33.702	-32.834	-27.740	-30.076	-22.178
	Middle	-28.762	-34.198	-33.310	-29.564	-29.328	-21.150
	High	-28.997	-33.699	-32.711	-31.372	-26.361	-22.212

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.541	-36.156	-39.225	-26.983	-30.399	-22.180
	Middle	-30.023	-37.286	-38.748	-29.005	-29.138	-22.054
	High	-28.485	-37.536	-38.580	-29.420	-27.313	-22.684
16QAM	Low	-28.753	-37.076	-39.010	-27.057	-31.299	-22.291
	Middle	-28.410	-36.185	-38.824	-28.451	-28.962	-20.994
	High	-29.800	-37.664	-38.941	-30.510	-27.632	-22.780
64QAM	Low	-29.619	-36.710	-38.787	-27.002	-30.655	-23.191
	Middle	-28.333	-36.587	-39.259	-28.786	-29.914	-22.333
	High	-30.488	-37.163	-39.031	-29.840	-27.482	-23.489
256QAM	Low	-29.464	-35.928	-38.923	-27.128	-31.057	-22.875
	Middle	-28.542	-36.183	-39.230	-29.022	-29.370	-22.191
	High	-29.710	-36.602	-39.014	-30.306	-27.390	-23.014

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-31.447	-39.680	-38.819	-27.396	-30.770	-24.581
	Middle	-31.174	-38.889	-38.782	-28.803	-29.029	-24.551
	High	-30.224	-38.559	-39.127	-29.699	-27.572	-25.145
16QAM	Low	-30.826	-39.021	-38.246	-27.589	-31.284	-24.283
	Middle	-31.461	-38.734	-38.676	-29.032	-29.038	-24.432
	High	-30.750	-37.896	-38.597	-30.528	-28.144	-25.195
64QAM	Low	-30.881	-37.932	-38.541	-27.973	-31.408	-23.658
	Middle	-31.005	-37.716	-38.983	-28.743	-29.089	-25.455
	High	-32.042	-38.135	-39.152	-29.824	-26.802	-24.981
256QAM	Low	-31.673	-37.786	-37.816	-27.287	-31.000	-24.584
	Middle	-29.903	-37.822	-38.003	-28.702	-28.786	-23.323
	High	-31.072	-37.172	-38.945	-30.750	-28.012	-25.133

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.944	-34.321	-35.213	-28.915	-31.648	-24.154
	Middle	-28.547	-34.480	-35.135	-30.218	-30.689	-24.242
	High	-28.277	-34.470	-35.203	-30.929	-28.593	-24.255
16QAM	Low	-29.089	-35.310	-35.336	-29.185	-31.652	-23.512
	Middle	-27.837	-36.073	-34.916	-30.003	-30.762	-23.299
	High	-28.884	-34.025	-35.327	-31.272	-29.384	-24.268
64QAM	Low	-27.684	-35.482	-35.477	-29.410	-31.775	-23.954
	Middle	-28.290	-35.045	-34.918	-30.380	-30.538	-24.598
	High	-28.657	-33.749	-34.600	-30.857	-28.751	-23.992
256QAM	Low	-27.985	-33.842	-35.185	-29.010	-31.816	-24.611
	Middle	-27.883	-34.962	-35.225	-30.451	-31.057	-24.300
	High	-28.049	-34.453	-35.170	-31.100	-29.477	-24.079

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.917	-34.624	-33.093	-26.736	-28.405	-22.274
	Middle	-28.331	-34.209	-33.143	-28.575	-26.573	-22.102
	High	-28.431	-34.565	-33.807	-28.289	-28.181	-22.785
16QAM	Low	-28.963	-34.673	-33.515	-28.070	-29.195	-22.474
	Middle	-28.417	-33.273	-33.147	-28.496	-28.253	-22.526
	High	-29.119	-34.476	-33.576	-27.953	-26.973	-22.323
64QAM	Low	-28.918	-33.249	-33.339	-27.941	-28.177	-22.235
	Middle	-27.836	-33.893	-33.198	-28.525	-29.117	-22.326
	High	-28.664	-33.341	-33.597	-28.917	-27.459	-22.092
256QAM	Low	-29.042	-32.934	-33.109	-27.424	-28.951	-22.657
	Middle	-28.819	-34.560	-33.527	-28.609	-28.499	-22.197
	High	-29.057	-35.276	-33.148	-28.380	-26.882	-22.560

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.621	-37.346	-38.553	-26.958	-28.169	-22.946
	Middle	-29.701	-37.663	-38.571	-27.371	-27.784	-23.430
	High	-29.766	-37.197	-39.309	-28.002	-27.997	-23.435
16QAM	Low	-29.670	-37.156	-39.278	-26.459	-28.605	-22.820
	Middle	-29.139	-37.376	-38.814	-26.945	-27.686	-23.915
	High	-28.894	-37.646	-37.940	-27.431	-27.042	-23.039
64QAM	Low	-28.766	-36.730	-39.358	-26.563	-28.439	-23.646
	Middle	-28.133	-37.692	-39.271	-27.423	-27.724	-23.182
	High	-28.453	-36.638	-38.788	-28.334	-27.633	-23.167
256QAM	Low	-29.033	-37.200	-38.803	-26.692	-28.262	-22.860
	Middle	-26.853	-37.604	-38.857	-27.297	-27.904	-23.696
	High	-26.710	-38.341	-39.165	-27.560	-27.158	-24.272

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-30.885	-37.369	-39.197	-28.335	-29.083	-25.488
	Middle	-30.846	-38.812	-39.095	-27.999	-28.350	-25.977
	High	-30.923	-37.177	-39.032	-28.745	-27.432	-24.881
16QAM	Low	-30.556	-39.751	-39.237	-28.448	-29.107	-25.410
	Middle	-31.153	-36.297	-38.204	-27.755	-27.967	-25.498
	High	-30.285	-37.648	-38.707	-28.694	-27.132	-25.440
64QAM	Low	-31.731	-38.886	-38.603	-27.776	-28.727	-24.747
	Middle	-31.006	-38.582	-38.920	-27.397	-27.370	-25.531
	High	-30.620	-38.020	-38.664	-28.986	-27.706	-25.531
256QAM	Low	-31.476	-37.871	-39.088	-28.174	-28.977	-25.083
	Middle	-31.968	-37.556	-38.947	-27.490	-27.687	-26.019
	High	-31.240	-40.337	-38.807	-27.847	-27.611	-25.598

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.777	-34.106	-35.406	-29.119	-30.744	-23.827
	Middle	-27.055	-33.947	-34.624	-29.049	-29.674	-23.997
	High	-27.873	-34.091	-35.495	-29.966	-29.836	-24.047
16QAM	Low	-28.565	-35.931	-35.873	-28.530	-30.686	-24.613
	Middle	-28.085	-33.431	-34.675	-28.980	-30.155	-24.094
	High	-28.019	-33.019	-35.097	-29.460	-29.304	-24.342
64QAM	Low	-27.892	-34.191	-34.814	-28.951	-30.263	-24.232
	Middle	-28.518	-33.567	-35.549	-29.383	-29.050	-24.577
	High	-28.041	-35.249	-35.347	-29.747	-29.316	-24.226
256QAM	Low	-28.616	-33.707	-35.213	-28.540	-29.627	-24.505
	Middle	-28.534	-34.743	-35.344	-29.316	-29.602	-23.291
	High	-28.978	-34.616	-34.574	-28.952	-28.675	-23.981

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Middle	-28.977	-33.786	-33.753	-24.187	-22.624	-35.575
16QAM	Middle	-27.865	-31.577	-33.662	-25.346	-22.569	-36.114
64QAM	Middle	-26.919	-31.973	-33.689	-24.658	-22.249	-35.442
256QAM	Middle	-27.188	-32.012	-33.810	-23.515	-22.626	-35.803

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 -775 MHz	Additional 793 - 805 MHz	Additional 1 559 – 1610 MHz
QPSK	Middle	-31.225	-51.823	-51.309	-57.417	-61.838	-48.123
16QAM	Middle	-31.101	-52.017	-51.217	-57.469	-61.699	-48.378
64QAM	Middle	-31.129	-51.912	-51.103	-57.638	-61.866	-47.817
256QAM	Middle	-31.113	-51.798	-51.307	-57.103	-61.921	-48.781

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Middle	-28.372	-36.288	-39.447	-23.713	-20.712	-39.512
16QAM	Middle	-26.422	-37.777	-39.367	-25.553	-22.251	-40.107
64QAM	Middle	-26.587	-38.095	-39.467	-23.770	-22.091	-39.849
256QAM	Middle	-27.824	-38.153	-39.199	-24.114	-21.950	-38.612

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 -775 MHz	Additional 793 - 805 MHz	Additional 1 559 – 1610 MHz
QPSK	Middle	-36.150	-56.002	-55.238	-58.458	-64.362	-48.284
16QAM	Middle	-36.353	-55.526	-54.903	-57.723	-63.792	-48.322
64QAM	Middle	-36.131	-56.273	-55.280	-58.179	-64.038	-48.532
256QAM	Middle	-36.457	-56.046	-55.030	-58.376	-64.387	-48.175

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Middle	-28.634	-33.744	-33.561	-25.411	-22.436	-36.258
16QAM	Middle	-28.430	-33.273	-34.020	-27.136	-22.681	-36.457
64QAM	Middle	-29.659	-32.528	-33.900	-25.869	-22.854	-36.221
256QAM	Middle	-27.117	-32.142	-33.740	-26.273	-23.229	-35.593

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 -775 MHz	Additional 793 - 805 MHz	Additional 1 559 – 1610 MHz
QPSK	Middle	-31.107	-52.180	-51.661	-57.241	-62.856	-48.491
16QAM	Middle	-31.426	-51.687	-51.452	-56.087	-62.862	-48.185
64QAM	Middle	-30.579	-51.525	-51.015	-57.250	-62.767	-48.657
256QAM	Middle	-31.530	-51.706	-51.356	-57.800	-62.603	-48.645

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Middle	-29.806	-37.855	-38.775	-25.839	-22.055	-39.035
16QAM	Middle	-28.282	-38.749	-39.350	-26.610	-21.642	-39.667
64QAM	Middle	-29.008	-38.830	-39.395	-26.116	-21.783	-39.884
256QAM	Middle	-29.911	-36.774	-39.435	-26.175	-22.387	-39.616

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 -775 MHz	Additional 793 - 805 MHz	Additional 1 559 – 1610 MHz
QPSK	Middle	-36.350	-56.174	-55.186	-57.459	-65.342	-48.405
16QAM	Middle	-36.839	-56.044	-55.176	-56.742	-65.512	-48.267
64QAM	Middle	-36.256	-56.004	-54.861	-56.689	-65.473	-47.955
256QAM	Middle	-36.525	-55.511	-55.019	-56.962	-65.371	-48.161

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Middle	-30.685	-43.115	-40.194	-25.384	-23.304	-38.386
16QAM	Middle	-30.410	-40.919	-40.070	-25.920	-21.903	-39.277
64QAM	Middle	-29.962	-40.552	-39.922	-26.247	-22.746	-39.978
256QAM	Middle	-30.524	-42.413	-39.871	-25.159	-22.053	-39.442

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 -775 MHz	Additional 793 - 805 MHz	Additional 1 559 – 1610 MHz
QPSK	Middle	-37.170	-57.573	-56.387	-55.369	-63.997	-47.298
16QAM	Middle	-37.375	-57.465	-56.839	-55.841	-64.207	-47.344
64QAM	Middle	-36.951	-57.346	-56.978	-54.721	-63.991	-47.195
256QAM	Middle	-37.452	-57.496	-56.853	-56.540	-63.939	-47.244

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 2 GHz
QPSK	Middle	-27.439	-33.698	-35.273	-26.921	-22.266	-38.028
16QAM	Middle	-26.966	-34.902	-35.421	-27.922	-23.674	-38.467
64QAM	Middle	-27.405	-34.515	-35.905	-26.174	-22.462	-37.764
256QAM	Middle	-27.107	-32.352	-35.521	-25.769	-21.981	-36.993

Mod.	Channel	Measured Level (dBm)					
		2 GHz ~ 4 GHz	4 GHz ~ 6 GHz	6 GHz ~ 8 GHz	Additional 763 -775 MHz	Additional 793 - 805 MHz	Additional 1 559 – 1610 MHz
QPSK	Middle	-33.845	-53.920	-53.279	-58.516	-62.951	-47.251
16QAM	Middle	-33.404	-53.944	-53.507	-59.103	-63.561	-47.215
64QAM	Middle	-33.607	-53.510	-53.373	-58.803	-62.851	-47.328
256QAM	Middle	-34.217	-54.049	-53.371	-58.834	-63.683	-47.231

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

**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-27.660	-31.644	-33.534	-27.025	-26.696	-22.210
16QAM	Middle	-28.498	-32.009	-33.518	-26.919	-27.231	-22.089
64QAM	Middle	-28.982	-32.755	-33.320	-27.015	-26.921	-21.683
256QAM	Middle	-28.577	-32.484	-33.140	-26.663	-27.123	-21.628

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-29.177	-38.852	-39.032	-25.265	-26.012	-21.511
16QAM	Middle	-29.810	-37.688	-38.303	-25.968	-26.035	-21.765
64QAM	Middle	-28.988	-39.110	-38.653	-25.378	-26.251	-21.512
256QAM	Middle	-29.022	-37.794	-38.826	-25.928	-26.551	-22.212

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

**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-29.133	-30.966	-32.993	-26.175	-25.458	-21.346
16QAM	Middle	-29.601	-32.609	-33.304	-25.746	-26.297	-21.371
64QAM	Middle	-29.067	-32.168	-33.371	-25.246	-26.336	-21.441
256QAM	Middle	-28.528	-32.198	-33.263	-25.853	-26.165	-21.703

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-28.143	-37.431	-38.509	-24.783	-26.434	-20.108
16QAM	Middle	-29.756	-37.572	-39.124	-24.994	-25.760	-20.181
64QAM	Middle	-29.023	-38.632	-39.024	-25.104	-25.469	-18.652
256QAM	Middle	-29.330	-37.889	-37.877	-24.906	-25.365	-19.293

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

**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-28.649	-31.659	-32.834	-25.553	-26.637	-21.816
16QAM	Middle	-27.523	-30.626	-33.274	-26.510	-26.255	-21.937
64QAM	Middle	-29.693	-32.088	-32.785	-26.288	-26.897	-21.766
256QAM	Middle	-29.926	-33.608	-32.811	-26.330	-26.737	-21.624

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-29.596	-36.712	-39.161	-25.252	-25.674	-20.542
16QAM	Middle	-29.867	-38.654	-38.412	-25.404	-25.959	-20.126
64QAM	Middle	-28.150	-38.071	-38.916	-25.030	-25.739	-19.833
256QAM	Middle	-28.904	-36.388	-38.266	-25.514	-25.770	-18.686

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

## Test Result for Output Port 0

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-29.528	-31.982	-33.437	-26.509	-27.886	-21.058
	Middle	-29.221	-31.301	-33.110	-28.327	-26.728	-20.876
	High	-29.931	-33.222	-33.372	-29.102	-27.045	-19.465
16QAM	Low	-29.778	-31.031	-32.787	-26.961	-27.949	-20.685
	Middle	-26.292	-32.554	-32.986	-28.088	-27.771	-20.110
	High	-28.428	-32.651	-33.027	-28.357	-27.105	-20.334
64QAM	Low	-29.529	-31.799	-33.390	-26.435	-28.095	-21.021
	Middle	-30.122	-32.933	-33.491	-27.438	-27.020	-20.200
	High	-29.274	-33.181	-33.081	-28.487	-27.409	-19.889
256QAM	Low	-29.149	-31.235	-33.441	-26.898	-28.162	-21.253
	Middle	-28.479	-30.047	-33.463	-27.768	-26.988	-19.784
	High	-27.751	-32.500	-32.908	-28.935	-26.930	-20.489

## Test Result for Output Port 1

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.846	-37.595	-38.973	-24.811	-26.953	-18.067
	Middle	-27.991	-37.447	-38.779	-25.999	-26.021	-18.854
	High	-29.702	-37.874	-39.277	-26.275	-26.684	-20.469
16QAM	Low	-29.189	-38.116	-39.202	-25.203	-26.986	-18.587
	Middle	-29.841	-38.704	-39.020	-25.623	-26.132	-21.381
	High	-29.995	-36.677	-38.772	-26.500	-25.952	-20.200
64QAM	Low	-29.051	-36.982	-38.466	-24.974	-26.856	-17.997
	Middle	-28.774	-38.327	-38.231	-25.853	-25.734	-21.343
	High	-28.545	-39.189	-38.708	-26.726	-26.555	-21.513
256QAM	Low	-28.911	-37.974	-39.128	-25.544	-27.306	-19.199
	Middle	-29.020	-36.286	-38.931	-25.594	-26.845	-20.392
	High	-28.513	-37.415	-38.657	-26.748	-26.499	-21.555

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

**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-28.937	-31.057	-32.783	-26.920	-27.358	-22.151
16QAM	Middle	-28.443	-33.750	-33.121	-27.219	-26.571	-21.959
64QAM	Middle	-30.051	-32.477	-33.114	-27.035	-28.269	-22.157
256QAM	Middle	-27.842	-33.538	-33.304	-26.874	-27.104	-22.536

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-29.194	-37.817	-38.737	-26.458	-26.456	-23.360
16QAM	Middle	-29.390	-37.675	-38.177	-26.056	-27.434	-23.317
64QAM	Middle	-29.468	-38.109	-39.056	-26.380	-26.812	-23.102
256QAM	Middle	-29.603	-38.579	-38.687	-26.492	-27.285	-23.560

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-31.146	-42.284	-39.099	-27.262	-27.222	-25.884
16QAM	Middle	-31.573	-42.730	-38.560	-26.995	-27.504	-25.730
64QAM	Middle	-30.922	-41.234	-38.399	-26.931	-27.498	-25.802
256QAM	Middle	-30.540	-43.193	-38.619	-27.038	-27.557	-25.907

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-28.969	-33.621	-35.176	-28.232	-29.683	-23.628
16QAM	Middle	-28.844	-35.182	-35.236	-27.207	-29.104	-23.623
64QAM	Middle	-26.866	-34.593	-35.484	-27.432	-29.291	-23.877
256QAM	Middle	-28.812	-32.818	-35.576	-27.836	-29.701	-24.061

**(4 Port)5G NR n5 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]**
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-29.211	-33.508	-33.081	-27.259	-27.291	-22.171
16QAM	Middle	-28.432	-31.679	-33.441	-27.060	-27.602	-22.056
64QAM	Middle	-28.759	-32.593	-33.617	-26.913	-27.738	-22.231
256QAM	Middle	-27.862	-31.386	-33.318	-26.355	-27.248	-22.139

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-29.064	-38.470	-38.917	-26.780	-27.505	-24.033
16QAM	Middle	-29.076	-39.230	-38.759	-26.840	-27.490	-23.203
64QAM	Middle	-30.262	-38.235	-38.420	-26.658	-27.528	-23.162
256QAM	Middle	-28.569	-37.928	-38.872	-26.515	-27.446	-23.280

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-31.115	-43.005	-38.940	-26.340	-27.735	-25.445
16QAM	Middle	-30.955	-42.393	-39.235	-26.609	-27.336	-26.300
64QAM	Middle	-31.935	-43.540	-38.831	-26.903	-27.500	-26.011
256QAM	Middle	-31.158	-43.264	-38.665	-27.313	-27.441	-25.261

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-28.426	-35.584	-35.267	-28.029	-29.190	-24.248
16QAM	Middle	-28.206	-33.678	-34.864	-27.732	-28.839	-24.080
64QAM	Middle	-28.423	-34.730	-35.067	-28.125	-29.154	-24.191
256QAM	Middle	-28.336	-33.473	-35.255	-28.356	-29.587	-24.267

**(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 10 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]**
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-29.324	-31.647	-32.884	-26.969	-27.231	-22.350
16QAM	Middle	-28.264	-30.612	-33.490	-27.109	-27.482	-22.441
64QAM	Middle	-27.991	-32.475	-33.017	-27.024	-26.812	-22.101
256QAM	Middle	-28.223	-32.135	-33.523	-27.137	-27.294	-21.828

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-29.500	-37.338	-38.977	-26.430	-27.531	-23.660
16QAM	Middle	-27.728	-37.843	-38.760	-26.661	-27.078	-23.703
64QAM	Middle	-28.518	-36.462	-39.031	-26.193	-26.893	-23.555
256QAM	Middle	-29.898	-38.584	-38.248	-25.952	-27.622	-23.674

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-31.210	-43.261	-38.858	-26.789	-27.871	-25.744
16QAM	Middle	-31.040	-41.757	-38.566	-27.452	-27.584	-25.960
64QAM	Middle	-30.120	-40.473	-39.044	-27.122	-26.687	-25.149
256QAM	Middle	-31.252	-42.740	-38.500	-27.096	-27.583	-25.890

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Middle	-27.293	-33.633	-35.155	-27.819	-28.724	-24.098
16QAM	Middle	-27.933	-33.778	-35.270	-27.604	-29.419	-24.477
64QAM	Middle	-29.016	-34.148	-35.257	-27.139	-29.605	-23.753
256QAM	Middle	-28.464	-34.119	-34.973	-28.235	-29.489	-24.159

**(4 Port)B5 DSS 10 MHz 1 Carrier + 5G NR n5 5 MHz 1 Carrier + LTE B5 5 MHz 1 Carrier [3 Carrier]**
**Test Result for Output Port 0**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-27.166	-31.282	-33.621	-28.149	-28.660	-21.887
	Middle	-26.247	-32.143	-33.557	-28.538	-28.519	-22.197
	High	-26.598	-32.388	-33.783	-29.542	-28.500	-22.148
16QAM	Low	-27.025	-32.971	-33.514	-28.045	-28.554	-22.045
	Middle	-27.071	-33.261	-32.900	-28.672	-28.315	-22.103
	High	-27.005	-32.126	-33.563	-29.479	-28.157	-22.463
64QAM	Low	-26.562	-32.683	-32.893	-28.170	-28.888	-21.328
	Middle	-27.861	-34.329	-33.879	-28.886	-28.776	-22.084
	High	-27.156	-32.247	-33.522	-29.339	-28.235	-22.015
256QAM	Low	-28.335	-30.928	-33.276	-28.091	-28.680	-21.995
	Middle	-27.612	-32.087	-33.880	-28.482	-28.776	-22.172
	High	-27.179	-32.278	-33.465	-29.763	-28.890	-21.862

**Test Result for Output Port 1**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.615	-39.038	-37.003	-26.500	-28.198	-22.142
	Middle	-26.563	-37.801	-36.578	-26.939	-27.342	-23.141
	High	-26.648	-39.066	-36.543	-28.283	-27.873	-23.433
16QAM	Low	-26.650	-36.769	-36.779	-27.047	-28.567	-22.811
	Middle	-26.606	-36.405	-36.760	-27.249	-26.853	-23.609
	High	-27.118	-38.052	-36.298	-27.863	-27.488	-23.277
64QAM	Low	-27.439	-37.348	-36.338	-26.782	-27.884	-23.089
	Middle	-25.266	-39.194	-36.718	-27.229	-28.017	-23.625
	High	-27.814	-38.951	-36.898	-28.403	-28.235	-23.668
256QAM	Low	-27.359	-38.340	-35.891	-27.128	-27.831	-23.340
	Middle	-26.054	-39.322	-35.462	-26.964	-27.585	-22.698
	High	-28.827	-38.874	-36.739	-27.988	-27.121	-23.377

**Test Result for Output Port 2**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-28.409	-42.786	-36.433	-27.112	-28.622	-25.753
	Middle	-28.636	-41.519	-36.741	-27.696	-26.908	-25.881
	High	-28.994	-40.763	-37.417	-28.575	-27.132	-25.927
16QAM	Low	-28.125	-42.451	-37.380	-27.190	-28.168	-25.822
	Middle	-28.782	-42.352	-37.172	-27.963	-27.763	-25.916
	High	-29.331	-41.937	-37.324	-27.818	-27.439	-26.012
64QAM	Low	-29.385	-43.173	-37.091	-27.036	-28.458	-26.094
	Middle	-29.139	-40.796	-37.516	-28.018	-27.588	-25.926
	High	-28.443	-42.524	-37.461	-28.759	-27.756	-25.972
256QAM	Low	-29.492	-41.042	-36.772	-26.991	-28.434	-26.124
	Middle	-29.010	-40.263	-36.937	-27.828	-27.210	-26.327
	High	-30.766	-43.697	-37.666	-28.493	-27.508	-26.022

**Test Result for Output Port 3**

Mod.	Channel	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
QPSK	Low	-26.342	-34.144	-34.510	-28.712	-29.958	-24.093
	Middle	-26.242	-34.714	-34.670	-28.614	-30.415	-24.185
	High	-26.492	-34.270	-34.370	-29.360	-29.232	-24.034
16QAM	Low	-25.761	-34.279	-34.498	-28.944	-30.272	-24.191
	Middle	-26.432	-36.043	-34.727	-28.548	-29.599	-23.261
	High	-25.498	-33.973	-34.506	-29.827	-29.910	-23.981
64QAM	Low	-26.526	-35.328	-34.934	-28.809	-30.012	-24.078
	Middle	-26.611	-34.216	-34.974	-29.335	-29.754	-24.301
	High	-26.100	-33.586	-34.750	-29.822	-29.565	-23.651
256QAM	Low	-25.518	-33.850	-34.593	-28.612	-29.868	-23.994
	Middle	-25.161	-33.523	-34.755	-29.110	-29.569	-23.808
	High	-26.914	-35.309	-34.804	-29.143	-29.317	-24.101

**Tabular Data of RF Non-Contiguous**
**(2 Port)B5 DSS 10 MHz 1 Carrier + B5 DSS 10 MHz 1 Carrier [2 Carrier]**

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-29.081	-30.556	-32.338	-25.620	-25.890	-18.272
	16QAM	-28.008	-33.334	-33.217	-25.049	-25.535	-17.974
	64QAM	-29.208	-32.170	-33.315	-25.467	-25.888	-18.191
	256QAM	-29.868	-32.366	-32.350	-25.310	-25.618	-17.796
1	QPSK	-29.078	-37.419	-38.732	-25.607	-25.803	-19.333
	16QAM	-29.126	-38.296	-39.008	-25.058	-26.385	-19.707
	64QAM	-28.821	-36.692	-39.029	-25.419	-25.542	-19.777
	256QAM	-28.121	-37.285	-38.514	-25.471	-26.578	-20.019

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-21.279	-35.201	-33.503	-23.017	-22.267	-18.153
	16QAM	-25.232	-32.805	-33.437	-23.009	-21.927	-18.461
	64QAM	-25.774	-34.071	-33.638	-23.534	-22.414	-18.028
	256QAM	-27.783	-34.269	-33.074	-23.241	-22.803	-18.187
1	QPSK	-26.131	-36.006	-38.461	-24.397	-24.614	-19.315
	16QAM	-29.311	-35.900	-38.587	-23.674	-23.045	-19.971
	64QAM	-28.000	-37.254	-39.054	-24.384	-24.166	-19.688
	256QAM	-29.006	-36.055	-38.686	-24.092	-24.020	-19.423

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-28.856	-33.295	-33.120	-25.471	-25.419	-18.105
	16QAM	-29.287	-34.162	-33.142	-24.751	-24.810	-18.074
	64QAM	-29.753	-34.427	-33.604	-25.042	-25.878	-17.959
	256QAM	-30.080	-34.485	-33.233	-25.067	-25.616	-17.780
1	QPSK	-29.729	-34.534	-38.816	-25.287	-26.176	-19.739
	16QAM	-29.554	-36.635	-38.387	-25.193	-26.464	-19.580
	64QAM	-28.828	-37.348	-39.208	-24.729	-26.128	-19.704
	256QAM	-28.732	-36.206	-38.646	-25.441	-26.340	-19.211

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-29.664	-34.517	-33.480	-24.892	-26.612	-17.590
	16QAM	-27.167	-35.403	-33.694	-25.190	-25.931	-17.689
	64QAM	-29.708	-34.241	-33.503	-25.709	-25.923	-17.850
	256QAM	-27.089	-34.016	-33.473	-24.777	-26.578	-18.223
1	QPSK	-29.455	-36.689	-39.276	-25.452	-25.452	-19.760
	16QAM	-30.300	-37.404	-38.893	-25.570	-25.295	-20.251
	64QAM	-27.980	-37.560	-38.670	-25.305	-25.089	-19.717
	256QAM	-27.741	-36.841	-38.631	-24.929	-25.339	-19.788

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-28.345	-34.921	-32.984	-23.164	-22.648	-18.436
	16QAM	-28.688	-33.774	-33.261	-23.848	-23.505	-17.769
	64QAM	-29.856	-34.704	-32.950	-22.844	-26.055	-18.275
	256QAM	-29.325	-35.340	-33.074	-23.561	-23.477	-18.176
1	QPSK	-29.443	-36.053	-39.151	-22.930	-24.320	-19.836
	16QAM	-28.165	-35.951	-38.952	-24.239	-23.342	-19.877
	64QAM	-29.719	-38.411	-38.676	-23.534	-23.369	-19.548
	256QAM	-28.176	-37.132	-39.350	-24.337	-24.483	-19.981

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-28.304	-30.941	-33.262	-25.782	-25.842	-18.074
	16QAM	-28.462	-30.986	-33.170	-25.950	-26.201	-17.912
	64QAM	-29.519	-32.294	-33.171	-25.926	-25.327	-18.587
	256QAM	-29.809	-32.157	-33.318	-25.641	-26.276	-18.276
1	QPSK	-28.491	-38.764	-38.586	-25.884	-25.171	-19.633
	16QAM	-29.273	-38.292	-38.979	-26.087	-25.674	-19.560
	64QAM	-29.008	-36.404	-38.946	-25.778	-25.373	-19.446
	256QAM	-29.462	-37.607	-39.012	-25.807	-25.586	-19.752

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-27.858	-32.350	-33.166	-25.496	-25.134	-18.258
	16QAM	-30.419	-33.461	-33.495	-26.036	-25.603	-17.653
	64QAM	-29.176	-32.527	-33.587	-25.294	-25.434	-18.139
	256QAM	-29.408	-32.016	-33.434	-24.911	-25.735	-17.638
1	QPSK	-30.181	-38.749	-38.811	-25.761	-25.779	-19.451
	16QAM	-29.859	-37.277	-39.007	-25.111	-26.193	-19.362
	64QAM	-28.773	-38.838	-38.799	-25.519	-25.796	-19.824
	256QAM	-28.126	-38.193	-39.202	-25.223	-25.866	-19.432

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-29.460	-32.032	-33.756	-25.914	-26.680	-21.022
	16QAM	-26.858	-32.611	-33.675	-26.263	-27.114	-21.976
	64QAM	-28.597	-31.904	-33.134	-26.503	-27.151	-21.824
	256QAM	-29.640	-32.293	-33.297	-26.852	-27.391	-22.377
1	QPSK	-28.632	-37.074	-39.166	-26.540	-27.257	-24.011
	16QAM	-28.986	-38.889	-38.179	-26.417	-27.798	-23.682
	64QAM	-29.770	-39.632	-39.212	-26.331	-27.480	-24.136
	256QAM	-29.188	-37.896	-38.851	-27.159	-27.257	-23.822
2	QPSK	-30.851	-41.426	-38.545	-27.364	-28.391	-26.186
	16QAM	-31.668	-43.642	-38.497	-26.553	-27.965	-25.868
	64QAM	-31.359	-40.638	-38.935	-26.880	-28.329	-25.958
	256QAM	-29.979	-41.928	-38.637	-27.206	-28.069	-26.134
3	QPSK	-26.480	-34.653	-34.633	-27.390	-29.140	-24.070
	16QAM	-28.128	-35.504	-35.283	-27.355	-29.302	-24.338
	64QAM	-28.621	-33.456	-35.021	-27.581	-29.373	-24.166
	256QAM	-26.765	-34.619	-34.969	-26.912	-28.404	-23.871

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-27.915	-32.071	-33.452	-24.729	-23.824	-22.268
	16QAM	-27.946	-32.717	-32.536	-24.416	-23.803	-22.397
	64QAM	-29.197	-33.025	-33.552	-24.531	-27.158	-22.371
	256QAM	-28.915	-32.172	-32.821	-24.045	-27.965	-22.379
1	QPSK	-29.417	-38.323	-38.937	-24.961	-26.191	-21.851
	16QAM	-29.134	-37.539	-38.759	-24.992	-26.119	-22.223
	64QAM	-29.143	-37.583	-38.812	-24.486	-28.002	-21.840
	256QAM	-28.949	-37.944	-38.851	-25.356	-28.956	-21.789
2	QPSK	-30.869	-42.028	-38.603	-24.909	-27.840	-24.328
	16QAM	-30.793	-40.416	-38.307	-24.952	-26.684	-23.629
	64QAM	-30.092	-41.635	-38.703	-24.585	-27.515	-24.584
	256QAM	-32.195	-41.825	-38.356	-24.142	-28.560	-23.645
3	QPSK	-28.215	-33.572	-35.094	-24.484	-27.193	-23.736
	16QAM	-28.021	-33.481	-34.973	-24.485	-26.808	-24.510
	64QAM	-26.385	-31.830	-35.390	-24.704	-25.052	-24.501
	256QAM	-27.931	-35.147	-34.975	-24.869	-28.222	-23.522

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-28.771	-32.834	-32.873	-26.275	-26.022	-22.170
	16QAM	-29.118	-32.439	-33.064	-26.293	-26.643	-22.197
	64QAM	-29.150	-31.707	-33.553	-26.490	-26.647	-22.516
	256QAM	-30.202	-32.586	-33.003	-26.379	-26.810	-22.181
1	QPSK	-26.923	-37.746	-39.306	-26.607	-27.479	-23.526
	16QAM	-30.322	-38.067	-38.798	-25.998	-26.975	-22.597
	64QAM	-28.967	-36.884	-38.878	-25.672	-26.524	-23.566
	256QAM	-28.518	-38.215	-38.854	-25.824	-26.757	-23.533
2	QPSK	-30.806	-42.335	-38.648	-27.015	-27.711	-25.392
	16QAM	-30.209	-42.965	-39.398	-27.110	-27.587	-26.424
	64QAM	-30.744	-42.153	-39.260	-26.916	-27.632	-25.616
	256QAM	-31.442	-43.009	-38.914	-27.045	-27.732	-25.960
3	QPSK	-27.601	-33.698	-35.274	-26.642	-28.700	-23.838
	16QAM	-27.519	-35.171	-35.255	-27.411	-28.201	-23.810
	64QAM	-28.138	-35.694	-35.152	-27.225	-28.884	-23.902
	256QAM	-28.373	-34.390	-34.974	-26.933	-29.106	-24.164

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-27.279	-31.527	-33.429	-27.055	-26.521	-21.596
	16QAM	-27.053	-32.122	-33.578	-27.181	-27.180	-22.199
	64QAM	-28.195	-34.273	-33.619	-26.963	-27.241	-22.411
	256QAM	-26.225	-31.567	-33.741	-26.014	-26.979	-22.297
1	QPSK	-27.915	-37.242	-36.634	-27.176	-27.113	-23.464
	16QAM	-27.187	-38.911	-36.363	-27.350	-26.666	-23.539
	64QAM	-28.538	-38.604	-36.385	-26.588	-26.746	-22.437
	256QAM	-26.052	-37.527	-37.138	-26.516	-26.899	-22.834
2	QPSK	-28.724	-42.909	-36.986	-27.046	-26.860	-25.621
	16QAM	-27.904	-43.109	-37.435	-27.442	-26.989	-25.754
	64QAM	-30.023	-41.975	-37.461	-27.184	-27.177	-25.132
	256QAM	-30.413	-41.842	-37.360	-27.184	-27.184	-25.555
3	QPSK	-26.109	-35.267	-34.744	-26.788	-28.787	-24.147
	16QAM	-26.404	-34.215	-34.492	-26.761	-28.939	-23.267
	64QAM	-25.676	-34.477	-34.582	-27.113	-28.550	-24.151
	256QAM	-26.141	-34.412	-35.063	-27.098	-28.370	-23.957

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-29.764	-34.666	-33.622	-25.012	-23.654	-22.540
	16QAM	-29.417	-33.952	-33.473	-24.267	-28.737	-22.369
	64QAM	-28.873	-33.516	-33.302	-22.639	-28.404	-22.392
	256QAM	-29.748	-34.319	-33.420	-24.209	-28.341	-21.999
1	QPSK	-29.064	-37.656	-38.839	-24.689	-20.551	-22.794
	16QAM	-29.175	-37.321	-39.304	-25.780	-29.551	-21.648
	64QAM	-29.118	-36.490	-38.444	-25.451	-30.359	-21.271
	256QAM	-29.676	-38.062	-39.099	-24.949	-29.293	-21.117
2	QPSK	-31.337	-38.306	-38.529	-24.543	-29.040	-22.416
	16QAM	-31.437	-36.856	-38.255	-24.655	-28.566	-23.967
	64QAM	-30.744	-36.513	-38.686	-24.196	-28.417	-23.157
	256QAM	-31.307	-35.273	-38.752	-24.711	-28.206	-22.350
3	QPSK	-28.572	-34.290	-35.154	-25.350	-28.876	-23.655
	16QAM	-27.323	-33.362	-35.093	-24.815	-28.890	-23.669
	64QAM	-28.929	-35.464	-35.287	-24.558	-26.005	-24.275
	256QAM	-28.920	-32.703	-34.634	-24.751	-28.802	-23.479

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-27.981	-33.004	-32.577	-26.207	-26.423	-21.830
	16QAM	-28.334	-35.294	-33.013	-26.484	-27.465	-21.722
	64QAM	-28.315	-33.493	-33.578	-26.495	-27.493	-22.058
	256QAM	-28.444	-32.722	-33.269	-26.914	-27.438	-22.071
1	QPSK	-27.372	-37.726	-39.014	-26.719	-26.886	-23.331
	16QAM	-28.388	-37.676	-39.041	-26.824	-26.996	-23.365
	64QAM	-28.443	-36.673	-39.040	-26.937	-26.967	-23.707
	256QAM	-29.980	-38.740	-38.869	-26.832	-27.298	-23.489
2	QPSK	-31.559	-37.924	-38.525	-28.339	-29.558	-25.592
	16QAM	-31.951	-38.225	-38.688	-27.383	-27.543	-25.224
	64QAM	-31.990	-39.472	-38.510	-27.403	-27.771	-25.841
	256QAM	-30.044	-37.781	-38.339	-27.104	-27.732	-25.148
3	QPSK	-28.051	-34.082	-35.468	-26.696	-28.228	-24.120
	16QAM	-28.365	-34.566	-35.413	-27.028	-28.379	-24.104
	64QAM	-27.923	-34.275	-34.934	-27.398	-28.817	-23.832
	256QAM	-28.078	-34.473	-34.459	-27.289	-28.031	-24.321

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

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-28.922	-34.493	-33.233	-26.421	-27.107	-21.700
	16QAM	-29.621	-34.860	-33.336	-26.976	-26.310	-22.294
	64QAM	-29.030	-33.298	-32.967	-26.690	-26.889	-22.130
	256QAM	-29.171	-34.243	-33.412	-26.757	-26.882	-22.517
1	QPSK	-29.169	-36.780	-39.289	-26.642	-27.767	-23.460
	16QAM	-28.681	-37.834	-39.516	-27.106	-28.245	-23.082
	64QAM	-29.092	-37.384	-39.306	-26.187	-27.889	-24.095
	256QAM	-28.951	-37.601	-39.135	-26.408	-28.515	-24.192
2	QPSK	-32.101	-37.782	-39.159	-27.093	-28.561	-26.318
	16QAM	-30.678	-39.133	-39.243	-27.555	-27.622	-25.915
	64QAM	-31.794	-37.752	-38.787	-26.942	-27.980	-26.188
	256QAM	-31.942	-38.342	-39.101	-27.408	-28.026	-26.133
3	QPSK	-28.547	-33.065	-35.554	-27.015	-28.785	-23.927
	16QAM	-28.551	-35.308	-35.029	-27.917	-28.792	-23.533
	64QAM	-28.703	-33.842	-35.147	-27.386	-28.341	-24.226
	256QAM	-28.587	-34.285	-35.207	-27.272	-28.791	-24.050

**(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)**

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-27.950	-29.902	-33.729	-25.246	-26.510	-19.754
	16QAM	-30.101	-31.452	-32.923	-25.611	-26.703	-19.830
	64QAM	-28.712	-31.972	-32.418	-25.299	-27.354	-19.992
	256QAM	-29.472	-32.074	-33.286	-25.415	-27.508	-20.058
1	QPSK	-29.958	-38.163	-39.069	-25.483	-25.353	-21.840
	16QAM	-29.252	-38.020	-38.925	-25.314	-25.349	-21.502
	64QAM	-28.764	-36.643	-39.144	-25.235	-25.228	-21.506
	256QAM	-29.181	-37.465	-38.962	-25.862	-25.280	-21.641

**(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)**

Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-29.059	-33.406	-33.018	-26.141	-27.469	-20.021
	16QAM	-29.210	-31.665	-32.556	-26.159	-27.469	-19.883
	64QAM	-29.186	-33.001	-33.427	-25.990	-27.520	-19.831
	256QAM	-28.498	-31.718	-33.153	-25.597	-27.026	-19.961
1	QPSK	-29.649	-38.330	-39.029	-24.685	-25.593	-21.390
	16QAM	-27.866	-38.166	-38.746	-24.744	-25.008	-21.455
	64QAM	-30.314	-38.440	-39.182	-24.625	-25.172	-21.159
	256QAM	-30.168	-37.775	-38.886	-25.320	-25.117	-21.613

## (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)

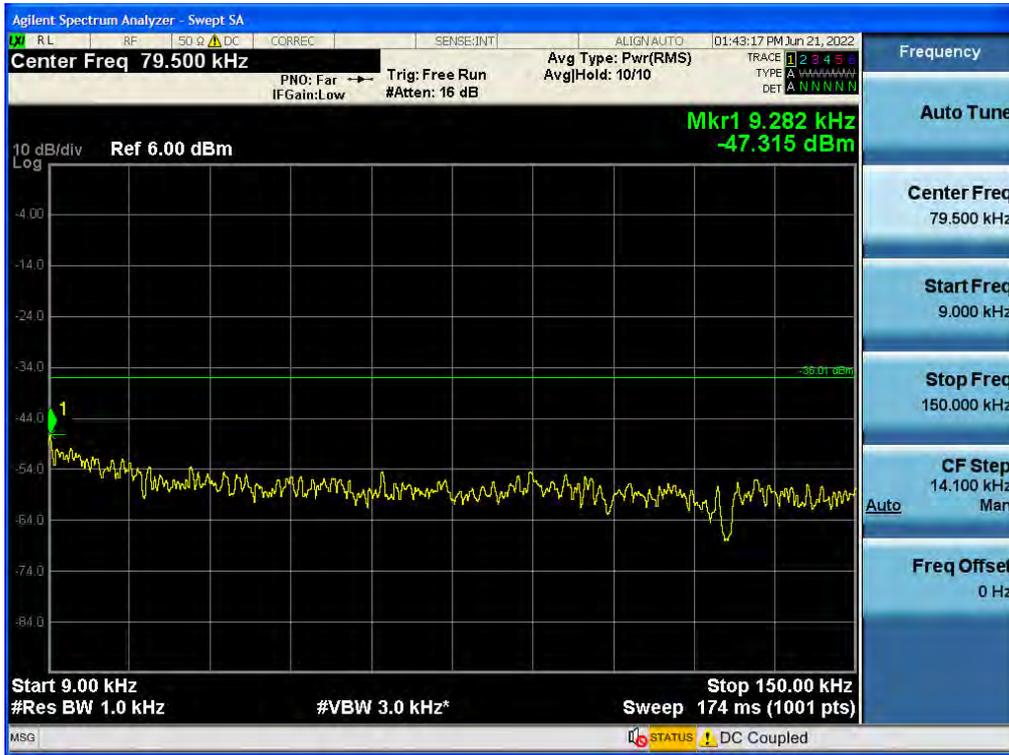
Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-26.885	-32.632	-33.909	-26.900	-26.559	-22.655
	16QAM	-27.305	-31.630	-33.594	-26.840	-26.552	-22.061
	64QAM	-27.272	-31.901	-33.710	-26.658	-26.418	-22.459
	256QAM	-26.996	-32.119	-33.570	-26.533	-26.415	-22.548
1	QPSK	-27.189	-37.970	-35.755	-26.179	-27.458	-23.683
	16QAM	-27.812	-38.174	-36.651	-26.700	-27.084	-23.601
	64QAM	-27.221	-38.962	-37.239	-26.705	-27.163	-24.162
	256QAM	-27.706	-37.745	-37.308	-26.891	-27.635	-23.607
2	QPSK	-28.875	-42.728	-37.854	-27.422	-27.496	-26.783
	16QAM	-30.000	-41.059	-37.370	-27.160	-26.628	-26.330
	64QAM	-30.580	-40.997	-36.606	-27.213	-28.003	-26.146
	256QAM	-29.417	-42.230	-37.342	-27.579	-27.531	-26.125
3	QPSK	-27.632	-34.547	-34.926	-27.056	-28.655	-24.360
	16QAM	-24.844	-36.051	-34.575	-27.296	-28.952	-23.959
	64QAM	-26.145	-35.316	-35.145	-27.520	-29.303	-24.045
	256QAM	-26.258	-33.544	-34.912	-27.360	-28.951	-24.139

## (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)

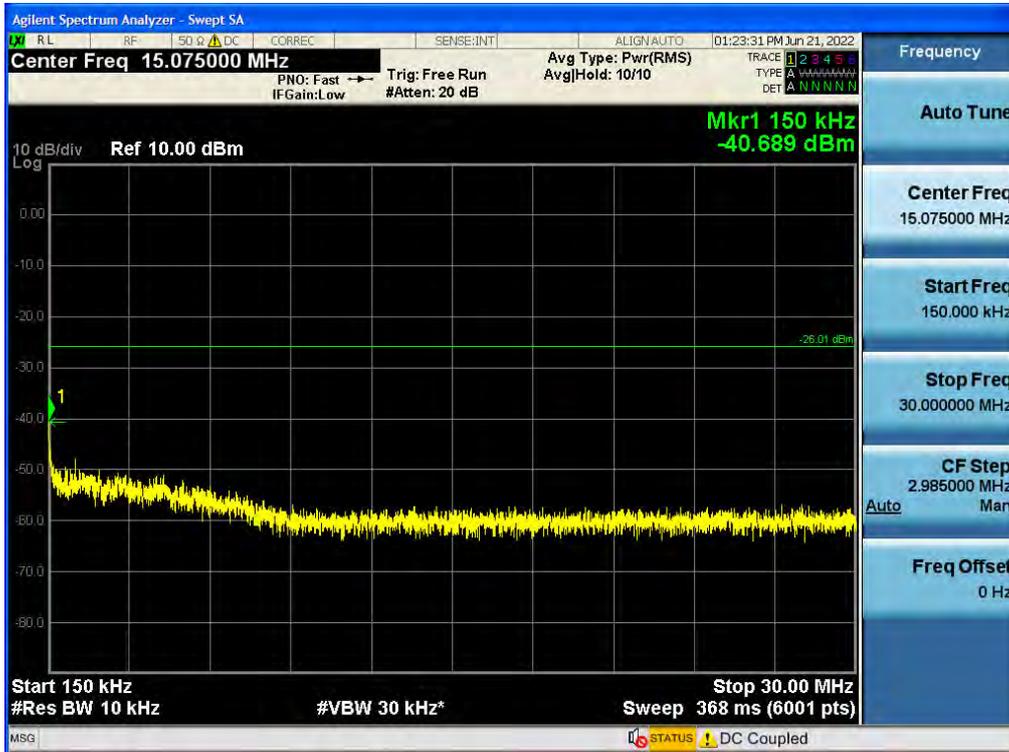
Port	Mod	Measured Level (dBm)					
		9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge – 100 MHz	Low Edge – 100 MHz ~ Low Edge	High Edge ~ 1 GHz	1 GHz ~ 10 GHz
0	QPSK	-27.251	-32.886	-33.658	-27.271	-27.687	-22.247
	16QAM	-26.479	-32.789	-32.983	-27.115	-27.912	-22.088
	64QAM	-26.947	-31.404	-33.019	-27.361	-27.639	-22.183
	256QAM	-26.472	-30.685	-33.808	-27.320	-27.196	-22.065
1	QPSK	-25.694	-36.579	-37.072	-26.103	-27.649	-24.044
	16QAM	-27.192	-37.750	-36.975	-26.926	-27.333	-23.035
	64QAM	-28.422	-39.306	-36.174	-25.951	-27.344	-23.658
	256QAM	-28.482	-38.216	-37.144	-26.390	-27.491	-23.640
2	QPSK	-29.266	-41.845	-37.176	-26.925	-28.160	-26.444
	16QAM	-29.154	-41.613	-36.956	-27.317	-27.789	-25.825
	64QAM	-29.704	-42.377	-37.681	-26.767	-27.706	-26.142
	256QAM	-28.071	-42.028	-36.511	-27.219	-27.703	-26.166
3	QPSK	-25.775	-34.949	-34.296	-27.509	-29.752	-24.119
	16QAM	-25.826	-35.317	-34.692	-27.532	-29.214	-23.376
	64QAM	-27.035	-34.240	-34.829	-27.688	-29.897	-24.161
	256QAM	-27.550	-34.503	-34.870	-26.523	-28.508	-23.773

## Plot Data of Spurious Unwanted Emissions

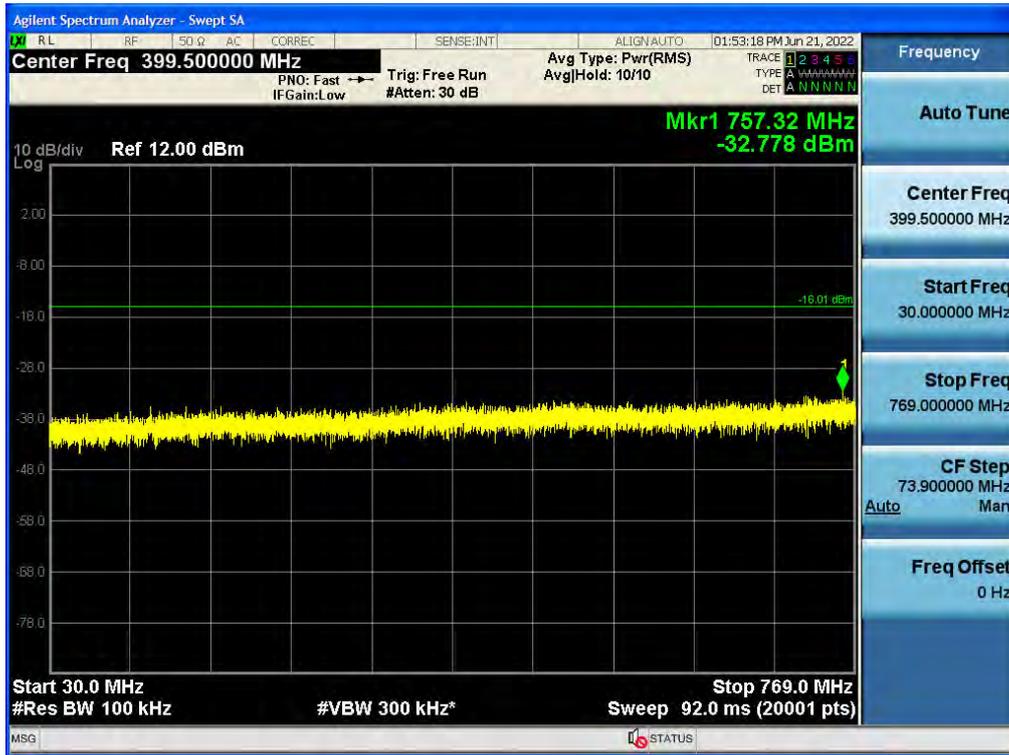
Antenna 1 / 9 kHz ~ 150 kHz / (2 Port)B5 DSS 10 MHz 2to8 1 Carrier / 256QAM / Low



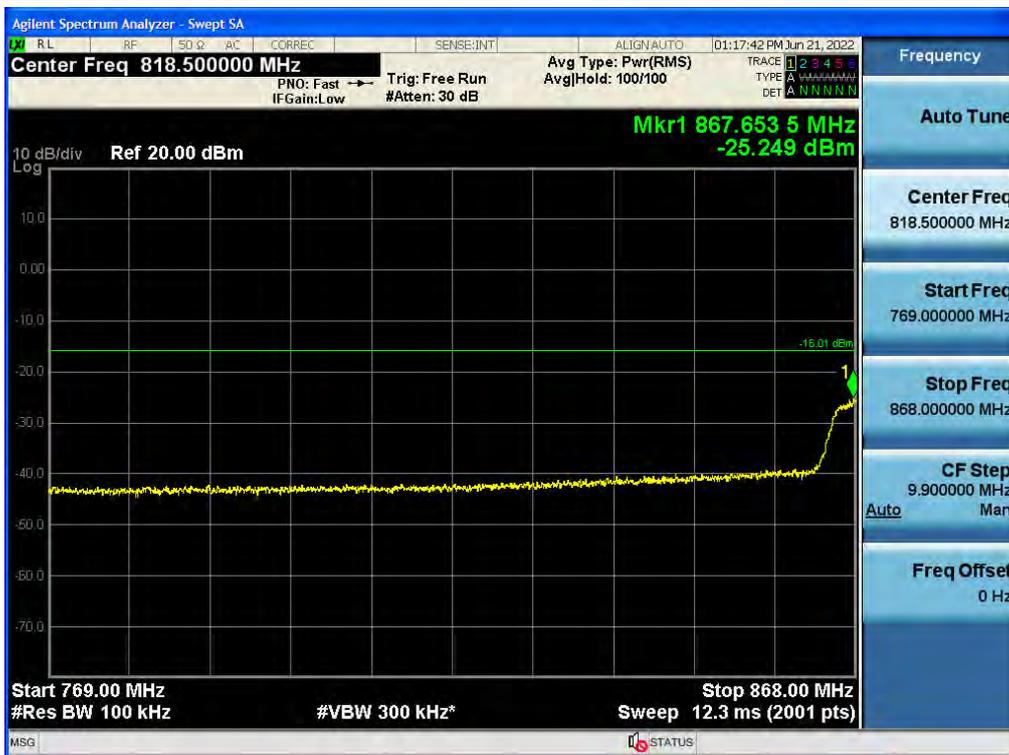
Antenna 0 / 150 kHz ~ 30 MHz / (2 Port)B5 DSS 10 MHz 2to8 1 Carrier / 16QAM / Low



Antenna 0 / 30 MHz ~ Low Edge - 100 MHz / (2 Port)B5 DSS 10 MHz 2to8 1 Carrier / QPSK / Middle



Antenna 1 / Low Edge - 100 MHz ~ Low Edge / (2 Port)B5 DSS 10 MHz 2to8 1 Carrier / QPSK / Low



**Antenna 1 / High Edge ~ 1 GHz / (2 Port)B5 DSS 10 MHz 2to8 1 Carrier / 16QAM / High**

**Antenna 0 / 1 GHz ~ 10 GHz / (2 Port)B5 DSS 10 MHz 2to8 1 Carrier / 16QAM / Middle**

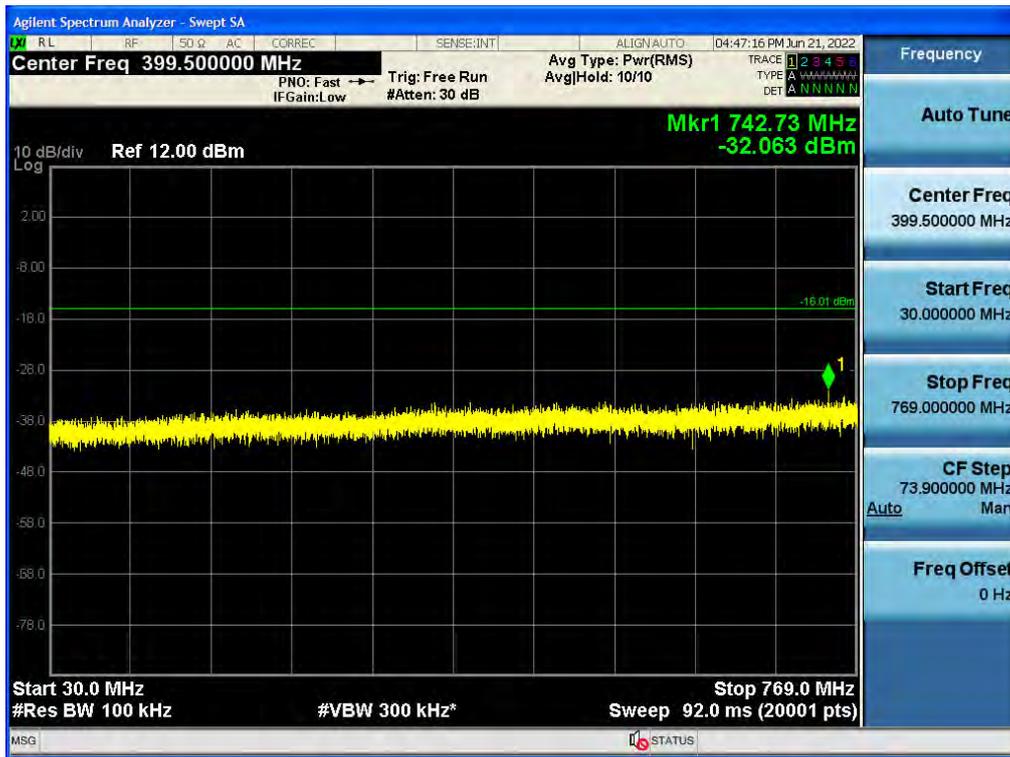

## Antenna 0 / 9 kHz ~ 150 kHz / (2 Port)B5 DSS 10 MHz 5to5 1 Carrier / 16QAM / Low



## Antenna 0 / 150 kHz ~ 30 MHz / (2 Port)B5 DSS 10 MHz 5to5 1 Carrier / QPSK / Middle



Antenna 0 / 30 MHz ~ Low Edge - 100 MHz / (2 Port)B5 DSS 10 MHz 5to5 1 Carrier / 256QAM / Middle



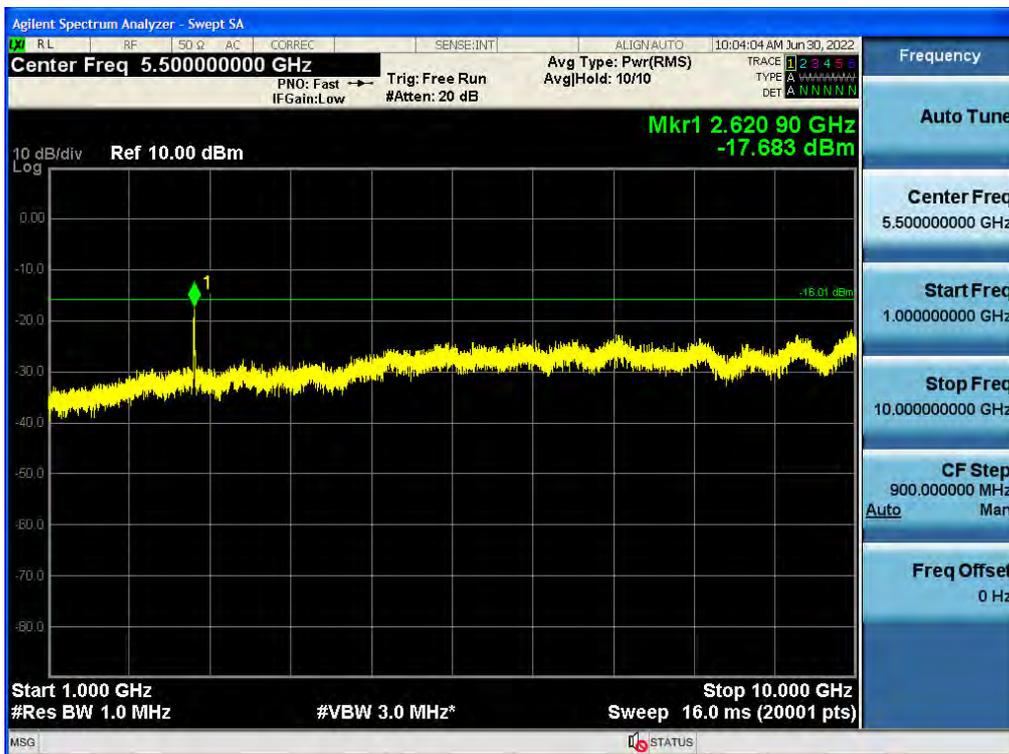
Antenna 1 / Low Edge - 100 MHz ~ Low Edge / (2 Port)B5 DSS 10 MHz 5to5 1 Carrier / 64QAM / Low

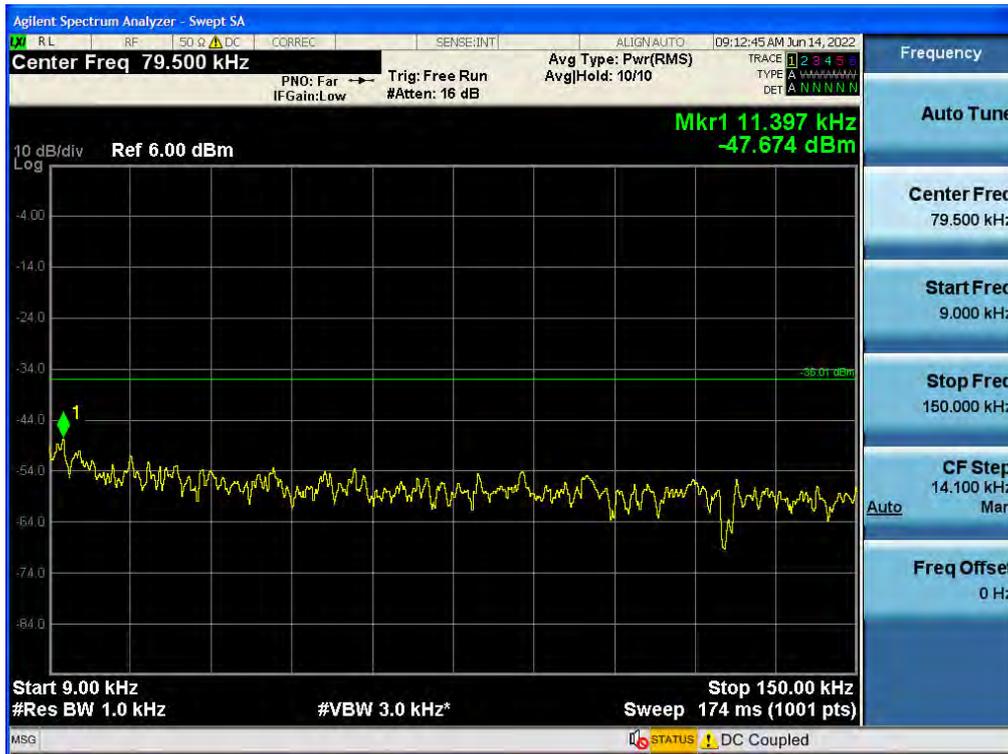
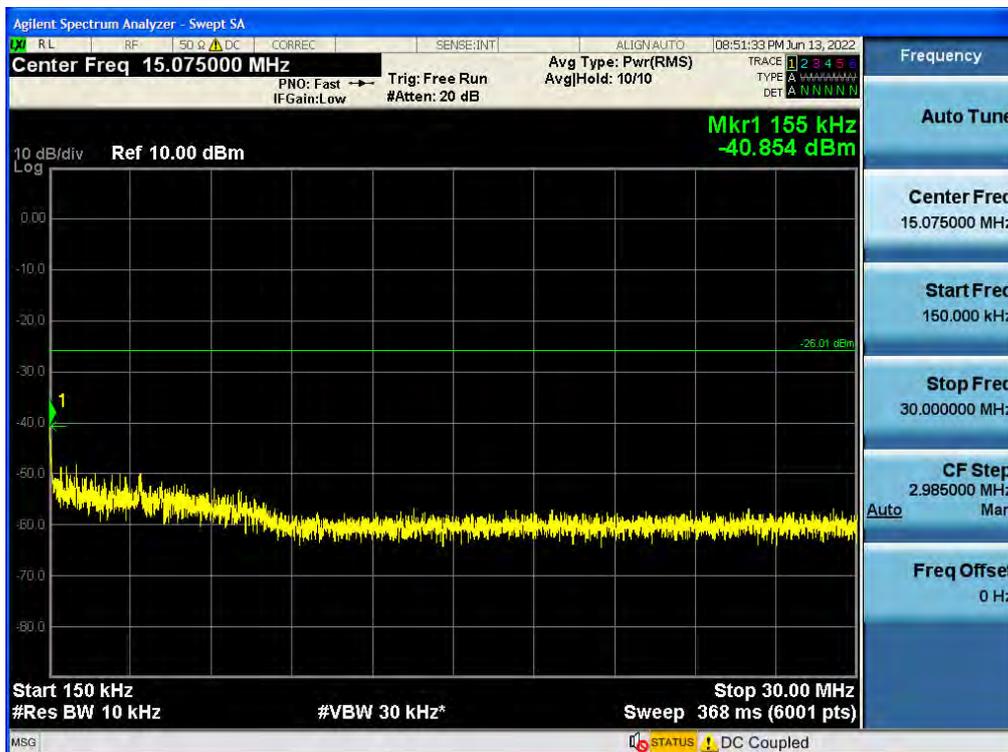


Antenna 1 / High Edge ~ 1 GHz / (2 Port)B5 DSS 10 MHz 5to5 1 Carrier / 256QAM / High

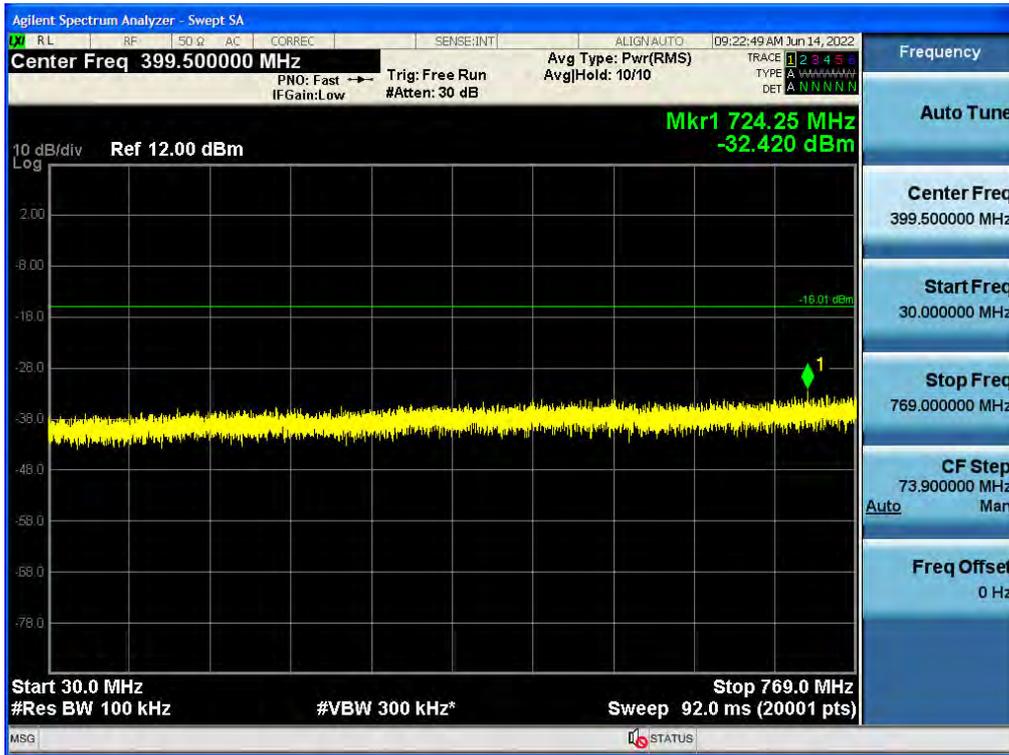


Antenna 0 / 1 GHz ~ 10 GHz / (2 Port)B5 DSS 10 MHz 5to5 1 Carrier / QPSK / Low



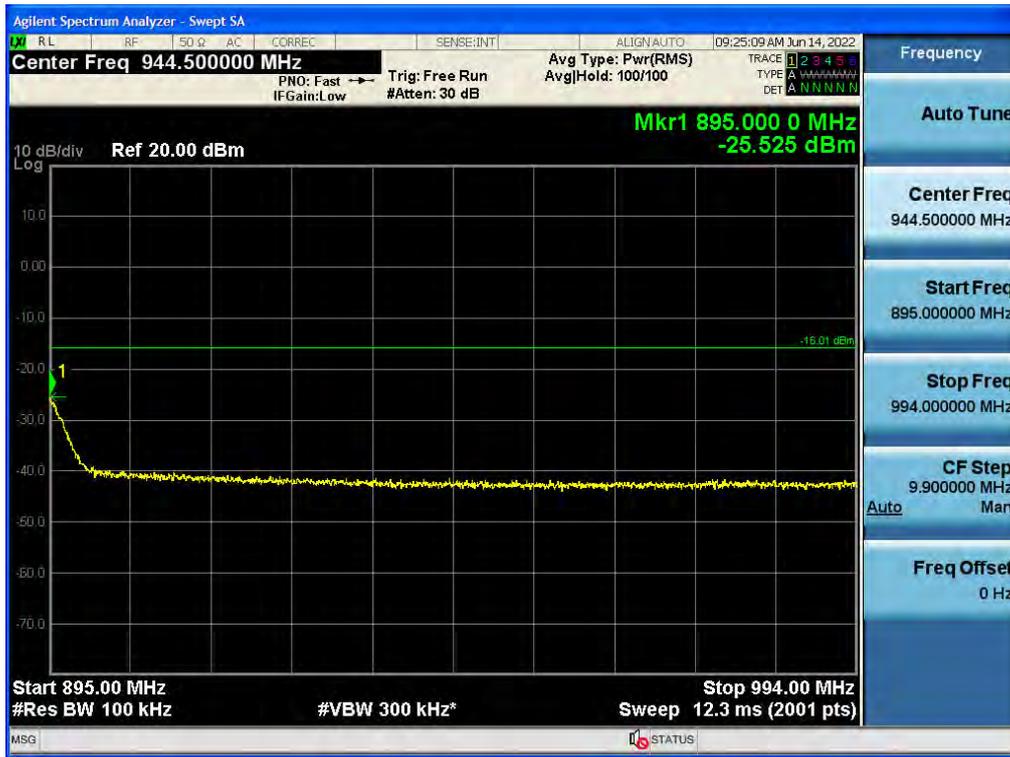
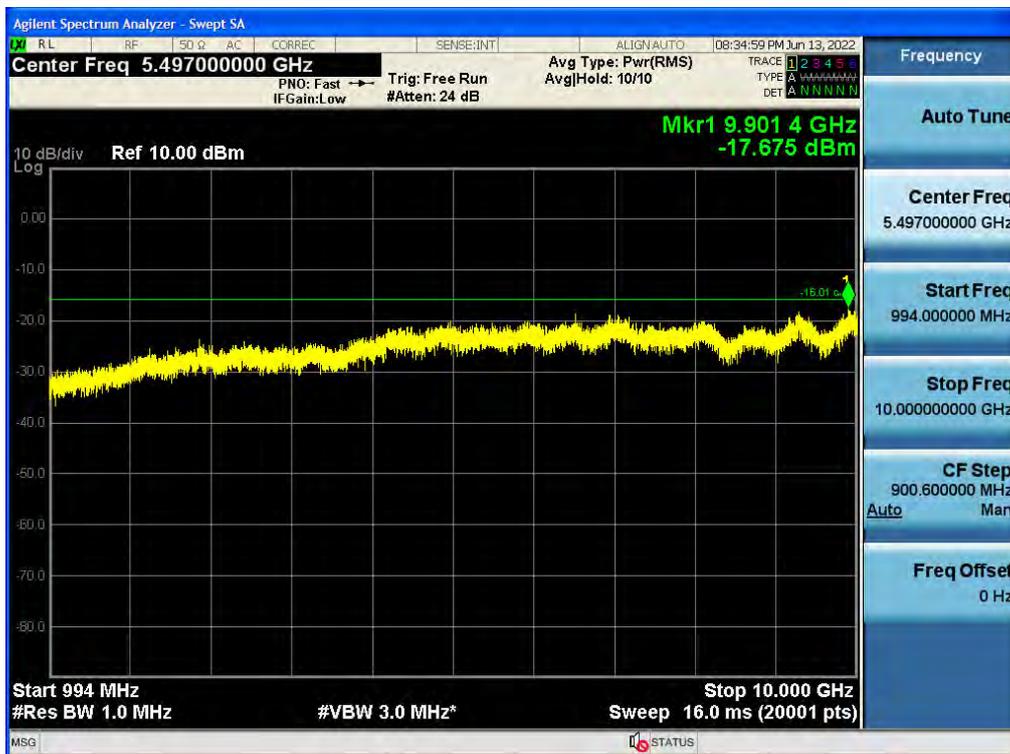
**Antenna 1 / 9 kHz ~ 150 kHz / (2 Port)B5 DSS 10 MHz 9to1 1 Carrier / 16QAM / Middle**

**Antenna 0 / 150 kHz ~ 30 MHz / (2 Port)B5 DSS 10 MHz 9to1 1 Carrier / 64QAM / High**


Antenna 0 / 30 MHz ~ Low Edge - 100 MHz / (2 Port)B5 DSS 10 MHz 9to1 1 Carrier / 16QAM / Low

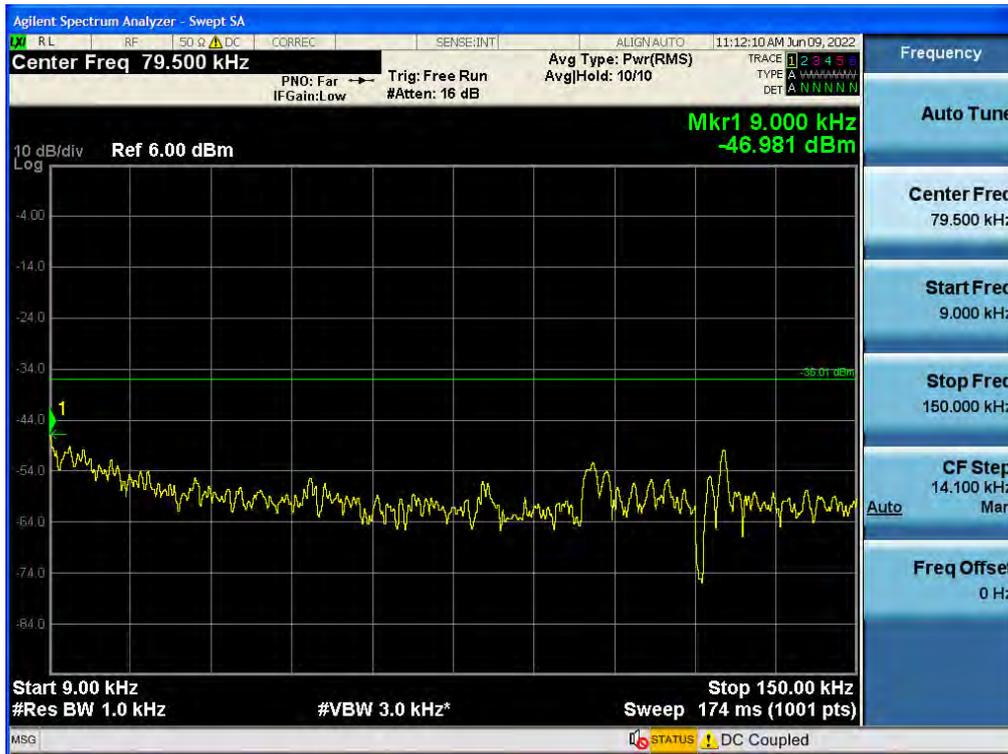


Antenna 1 / Low Edge - 100 MHz ~ Low Edge / (2 Port)B5 DSS 10 MHz 9to1 1 Carrier / 16QAM / Low



**Antenna 1 / High Edge ~ 1 GHz / (2 Port)B5 DSS 10 MHz 9to1 1 Carrier / 16QAM / High**

**Antenna 0 / 1 GHz ~ 10 GHz / (2 Port)B5 DSS 10 MHz 9to1 1 Carrier / QPSK / High**


## Antenna 0 / 9 kHz ~ 150 kHz / (2 Port)5G NR n5 5 MHz 1 Carrier / 256QAM / High



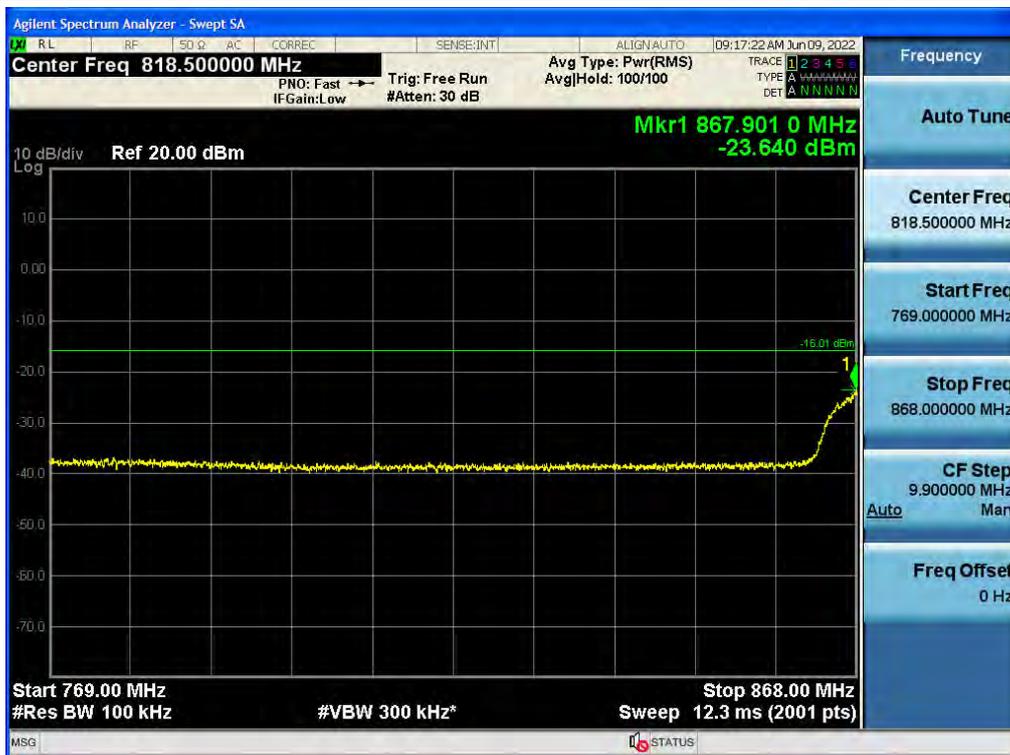
## Antenna 0 / 150 kHz ~ 30 MHz / (2 Port)5G NR n5 5 MHz 1 Carrier / 256QAM / High



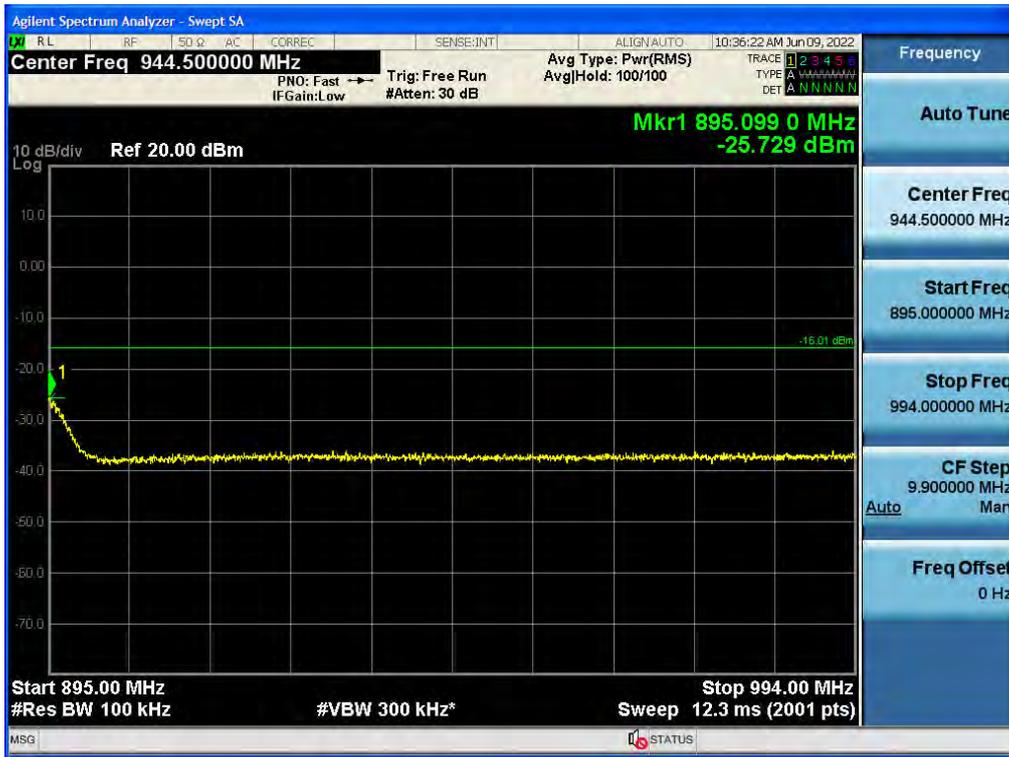
Antenna 0 / 30 MHz ~ Low Edge - 100 MHz / (2 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / Middle



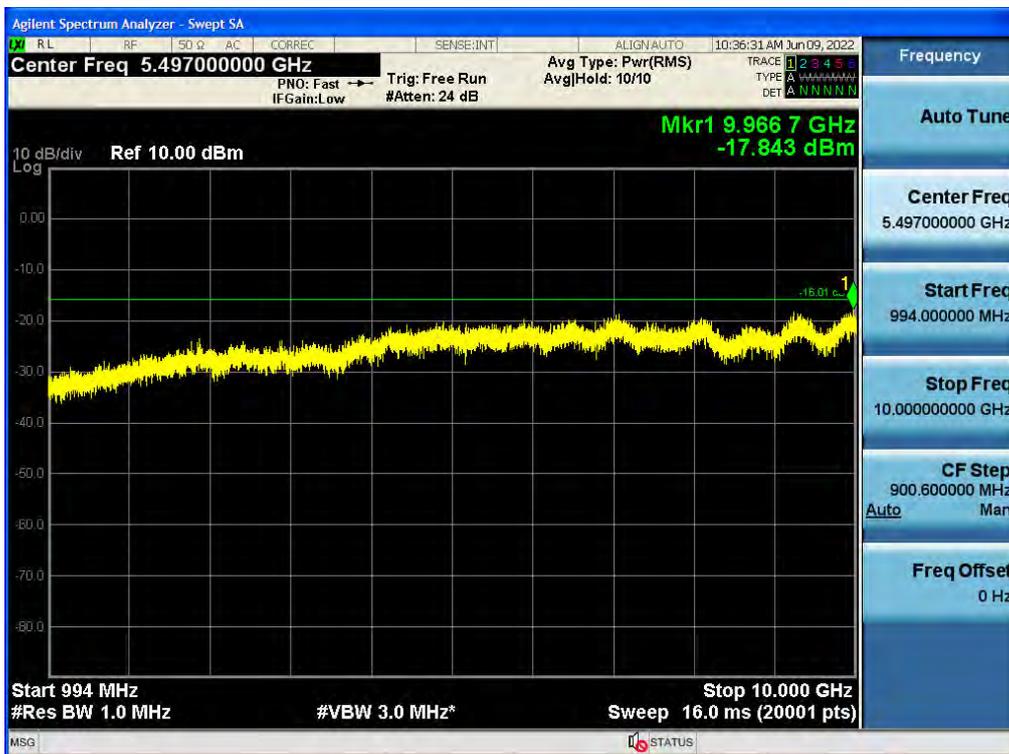
Antenna 0 / Low Edge - 100 MHz ~ Low Edge / (2 Port)5G NR n5 5 MHz 1 Carrier / 256QAM / Low



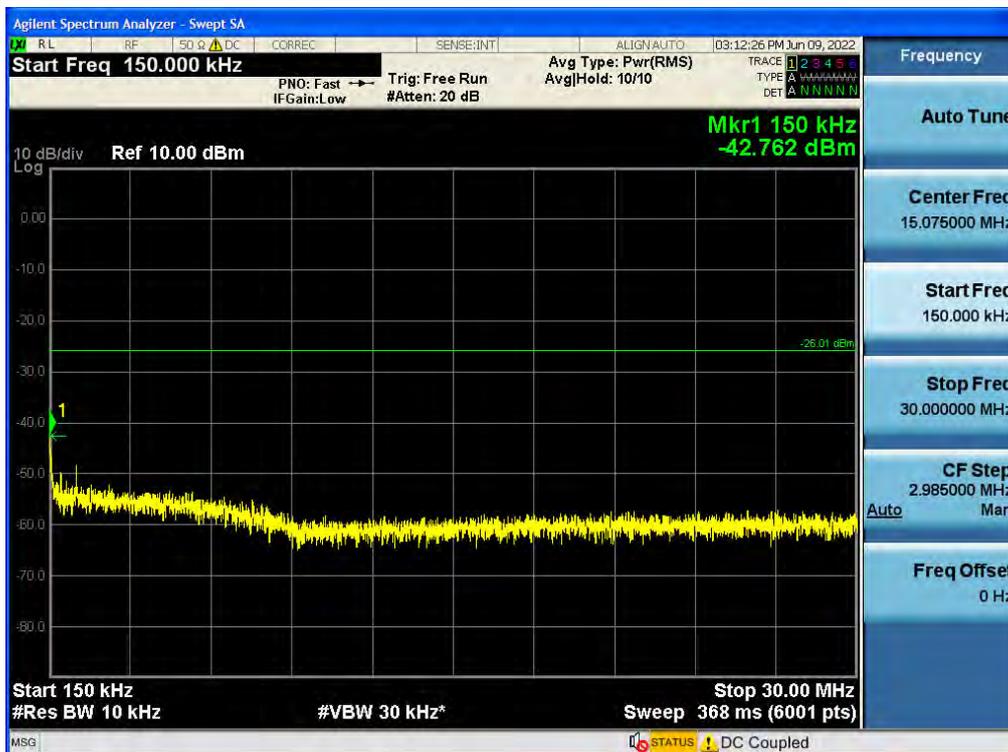
Antenna 0 / High Edge ~ 1 GHz / (2 Port)5G NR n5 5 MHz 1 Carrier / QPSK / High



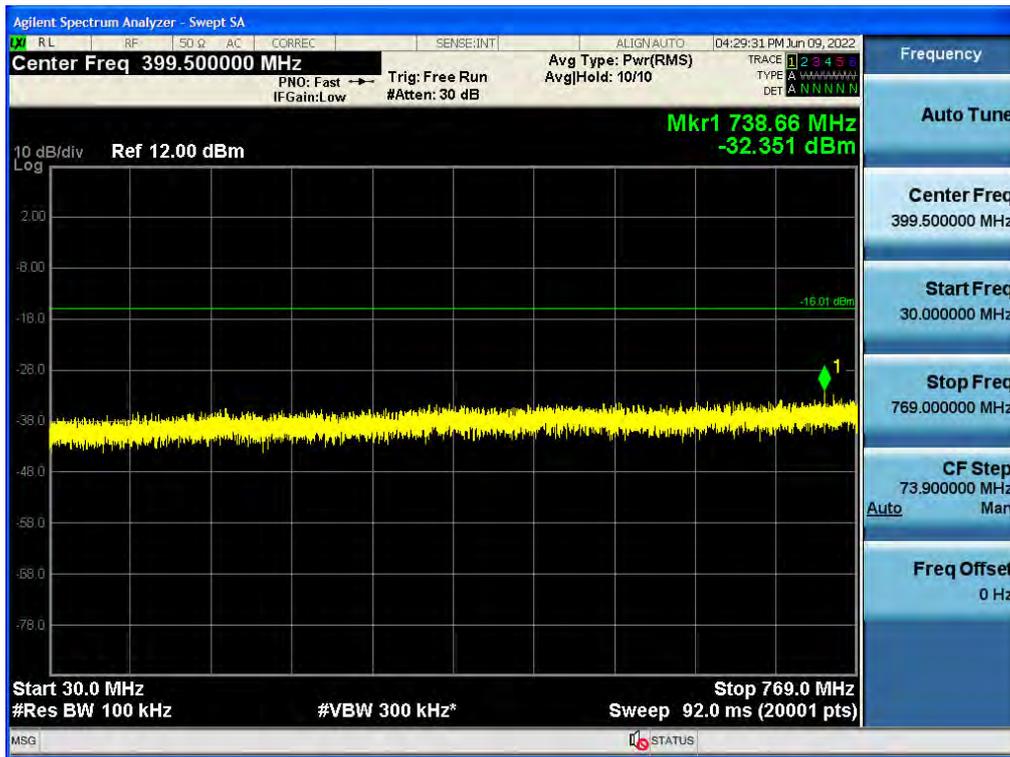
Antenna 0 / 1 GHz ~ 10 GHz / (2 Port)5G NR n5 5 MHz 1 Carrier / QPSK / High



**Antenna 1 / 9 kHz ~ 150 kHz / (2 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / High**

**Antenna 0 / 150 kHz ~ 30 MHz / (2 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / Low**


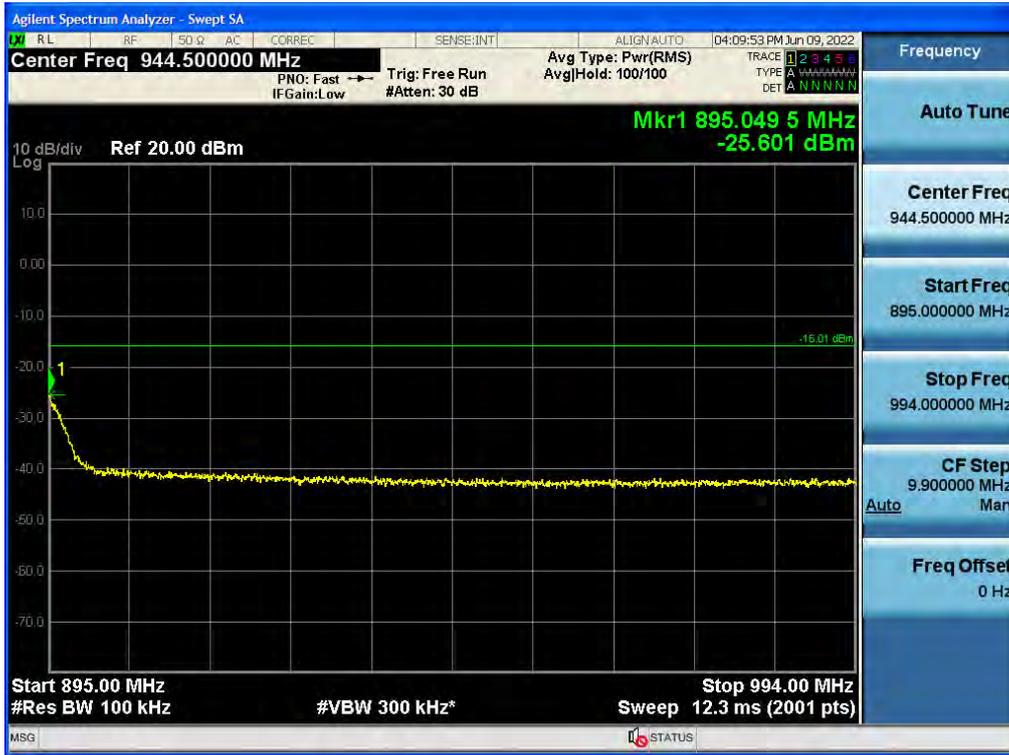
Antenna 0 / 30 MHz ~ Low Edge - 100 MHz / (2 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / High



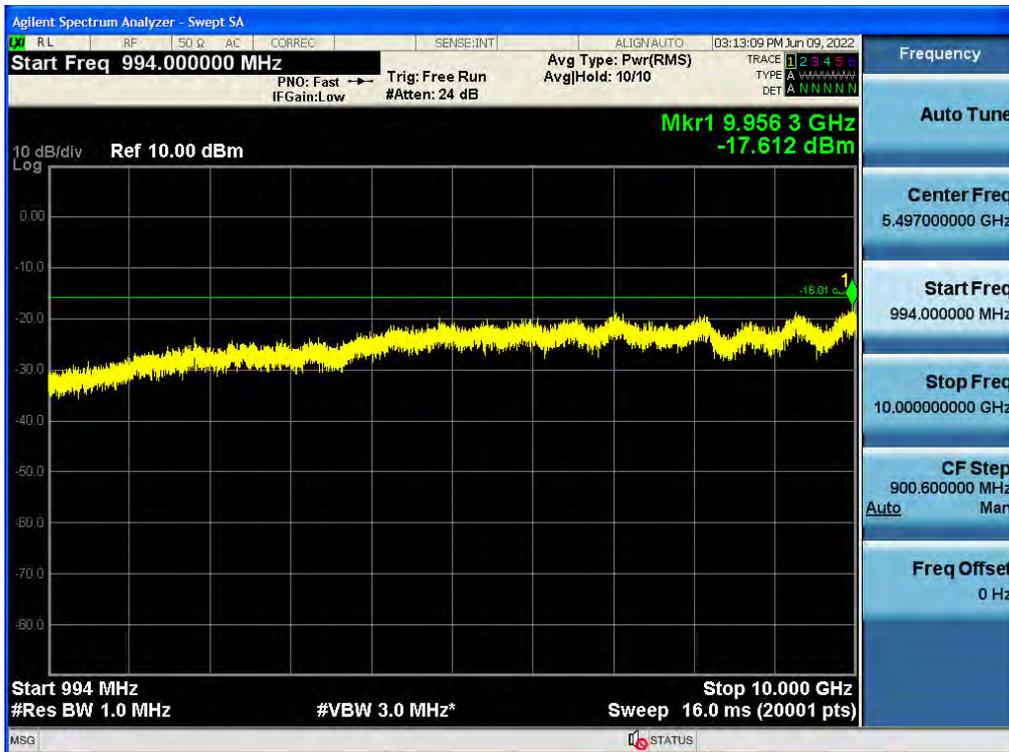
Antenna 1 / Low Edge - 100 MHz ~ Low Edge / (2 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / Low



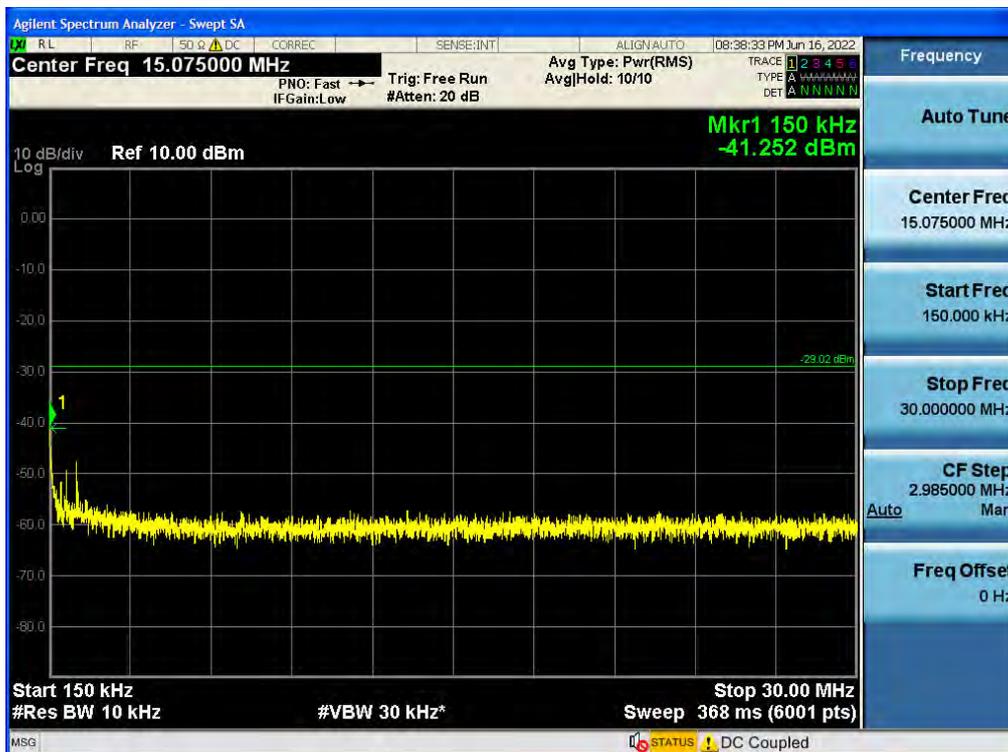
Antenna 1 / High Edge ~ 1 GHz / (2 Port)5G NR n5 10 MHz 1 Carrier / QPSK / High



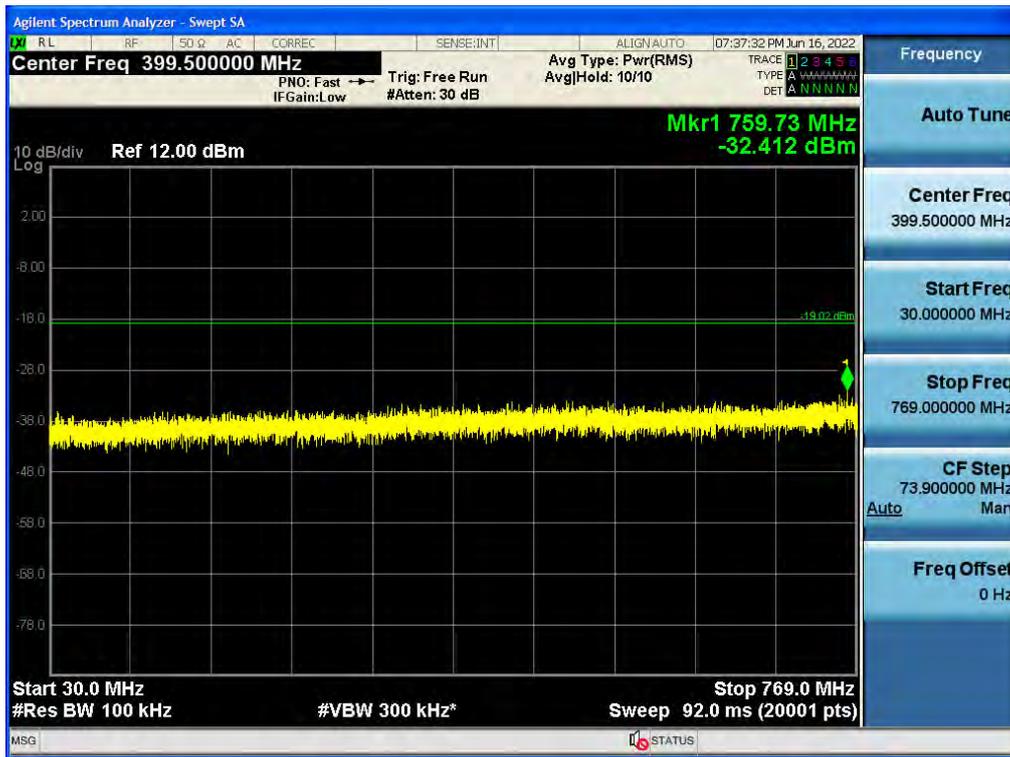
Antenna 0 / 1 GHz ~ 10 GHz / (2 Port)5G NR n5 10 MHz 1 Carrier / 64QAM / Low



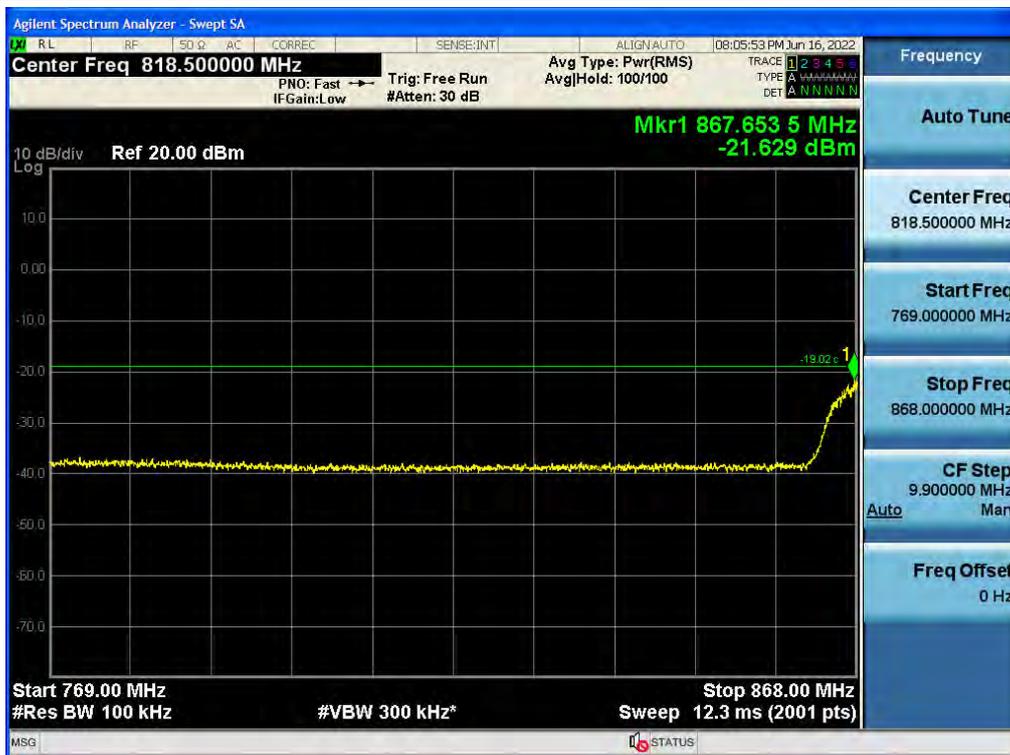
**Antenna 3 / 9 kHz ~ 150 kHz / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / Low**

**Antenna 0 / 150 kHz ~ 30 MHz / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / Middle**


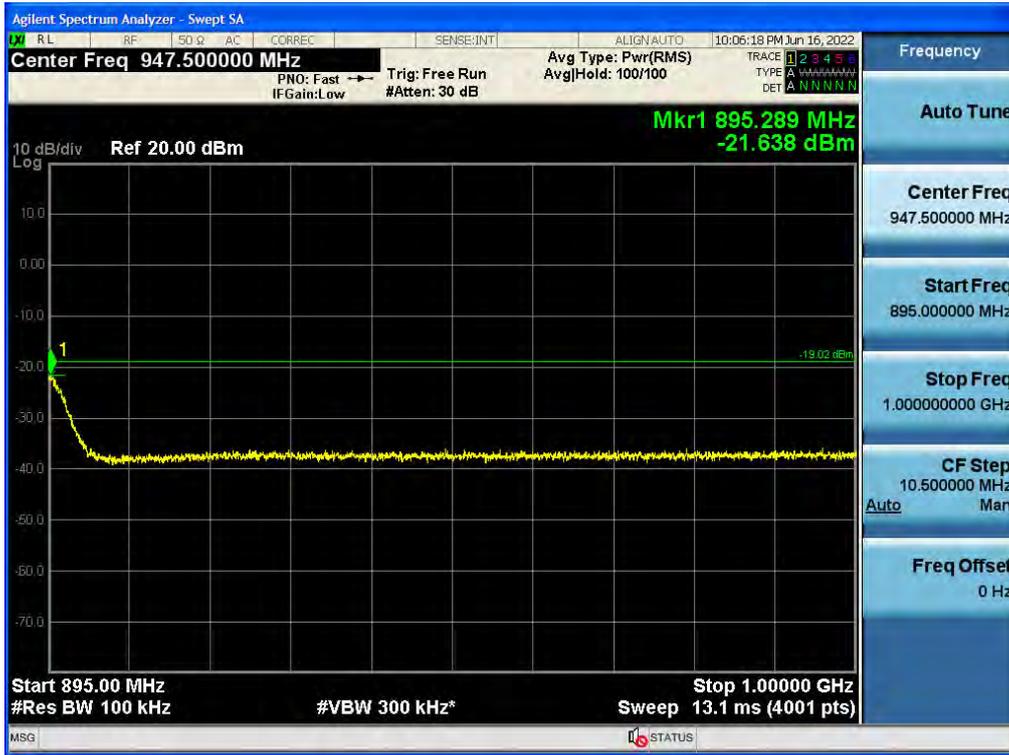
Antenna 0 / 30 MHz ~ Low Edge - 100 MHz / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / Low



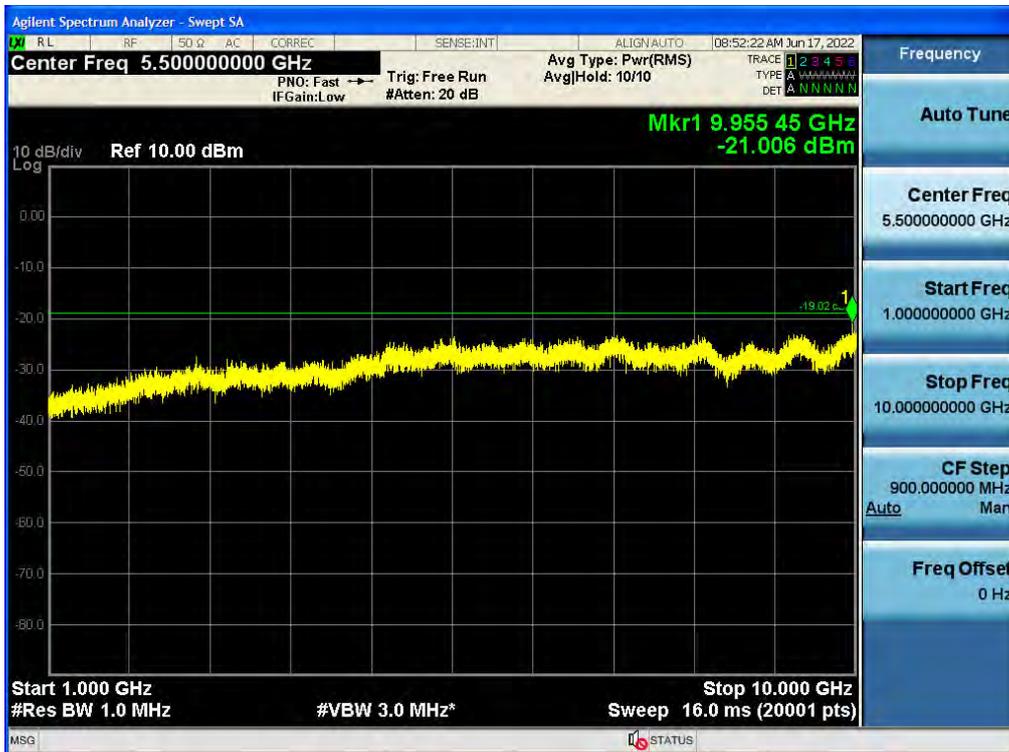
Antenna 0 / Low Edge - 100 MHz ~ Low Edge / (4 Port)5G NR n5 5 MHz 1 Carrier / 256QAM / Low



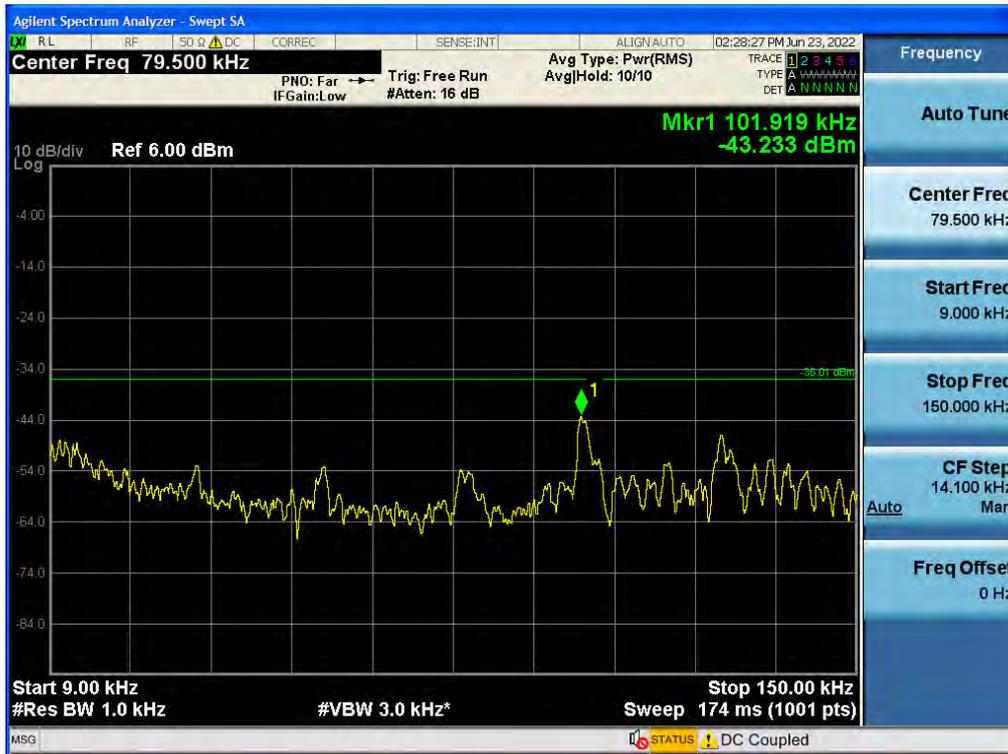
Antenna 0 / High Edge ~ 1 GHz / (4 Port)5G NR n5 5 MHz 1 Carrier / 16QAM / High



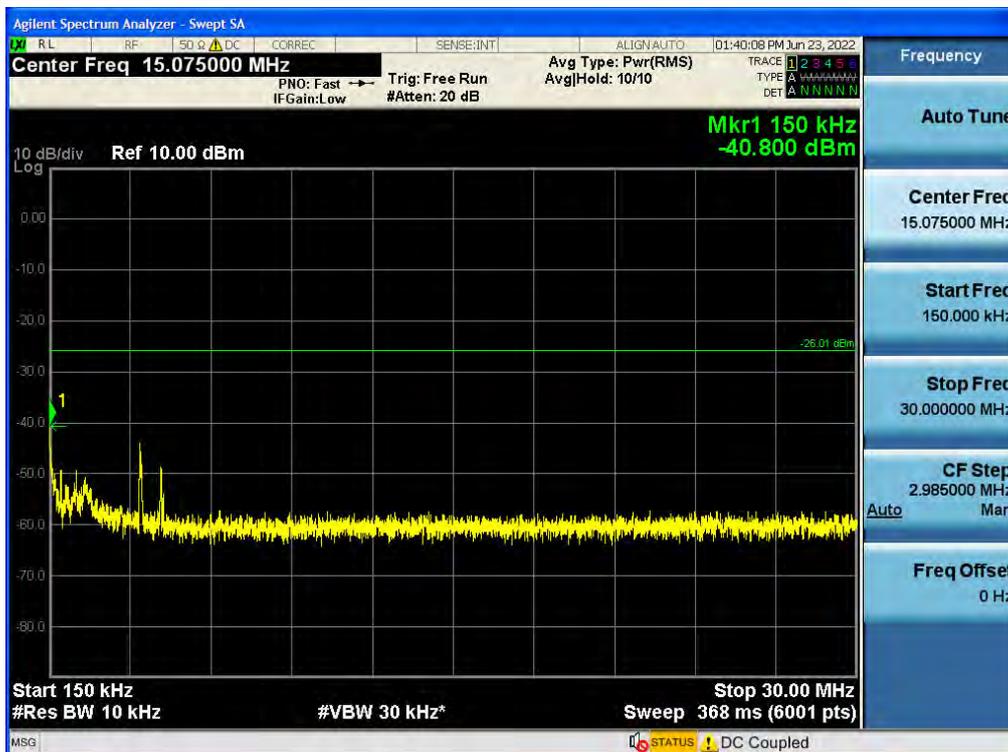
Antenna 0 / 1 GHz ~ 10 GHz / (4 Port)5G NR n5 5 MHz 1 Carrier / 64QAM / Middle



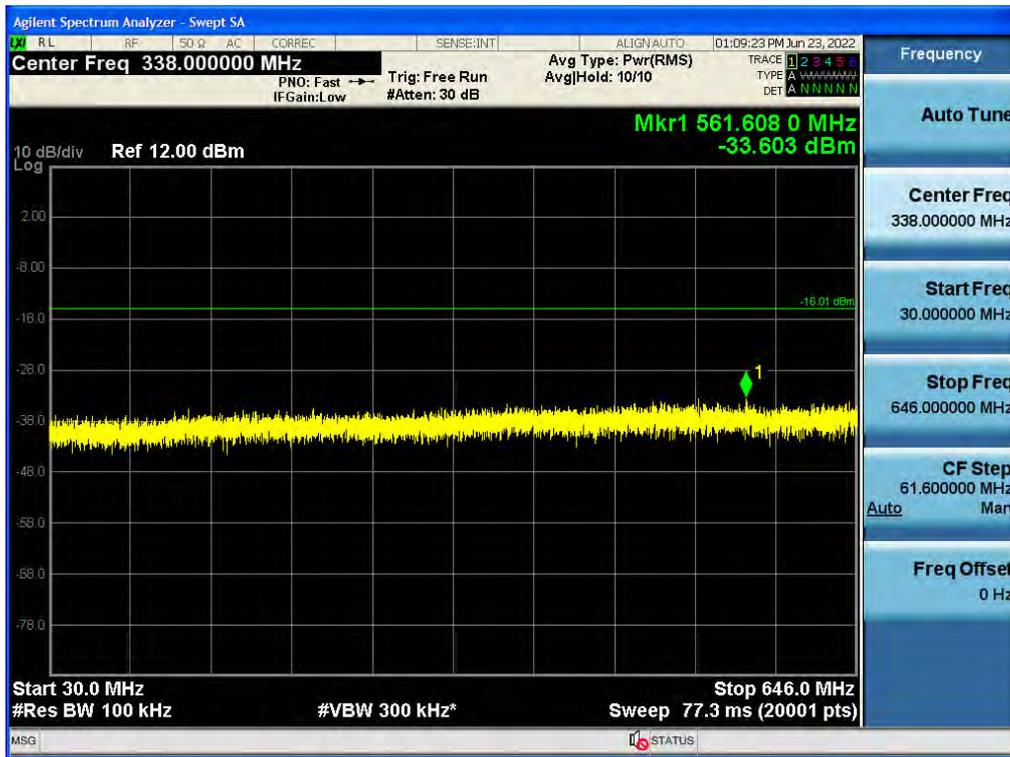
## Antenna 0 / 9 kHz ~ 150 kHz / (2 Port)LTE B13 5 MHz 1 Carrier / 16QAM / High



## Antenna 0 / 150 kHz ~ 30 MHz / (2 Port)LTE B13 5 MHz 1 Carrier / QPSK / Middle

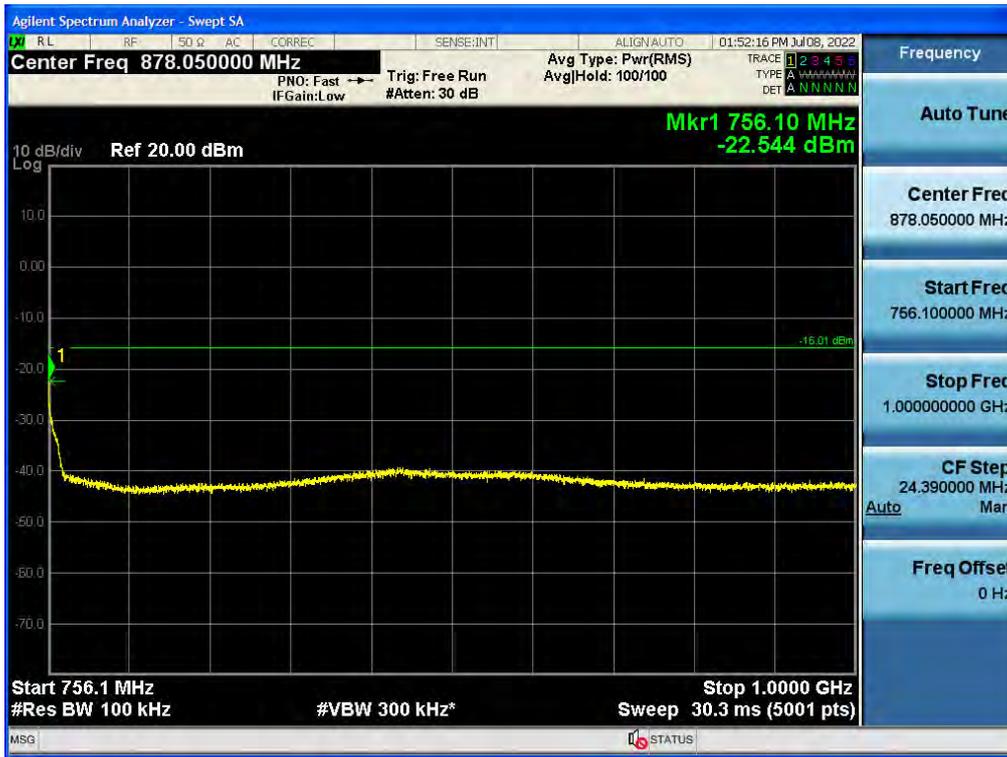
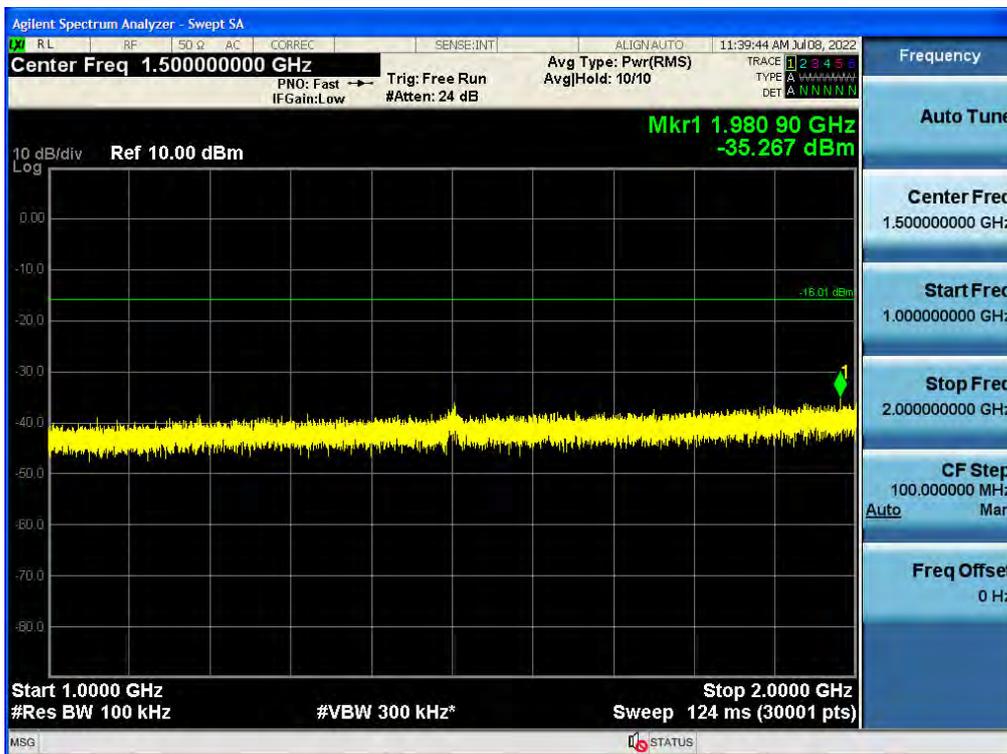


Antenna 0 / 30 MHz ~ Low Edge - 100 MHz / (2 Port)LTE B13 5 MHz 1 Carrier / 16QAM / Low

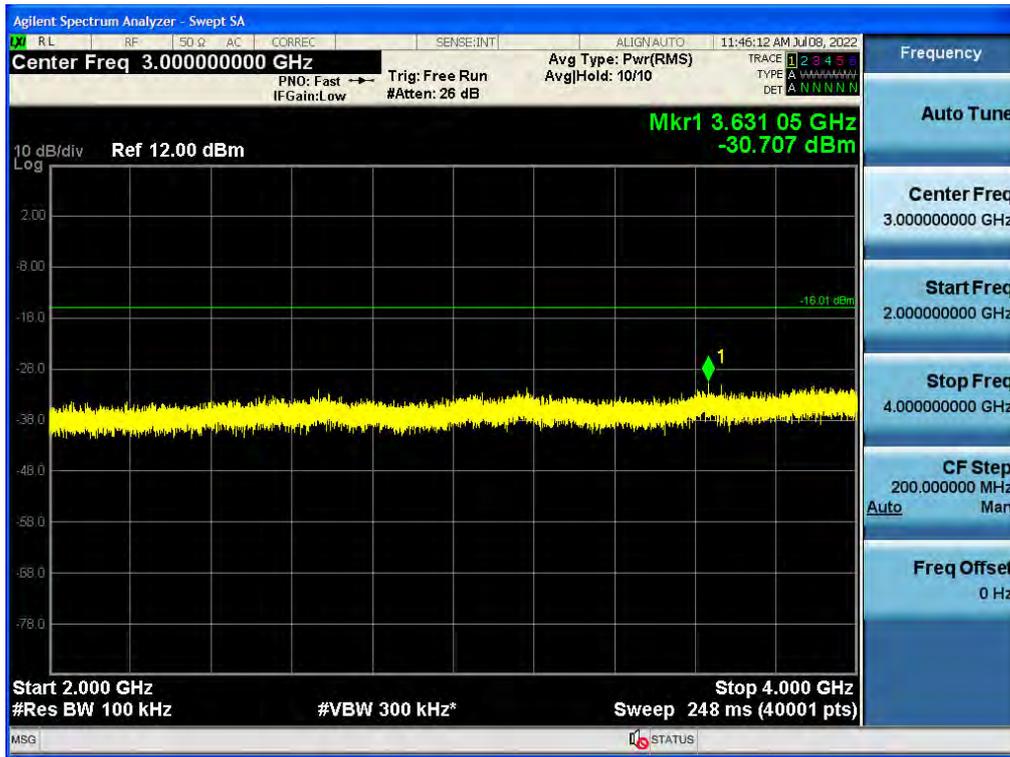


Antenna 1 / Low Edge - 100 MHz ~ Low Edge / (2 Port)LTE B13 5 MHz 1 Carrier / QPSK / Low



**Antenna 1 / High Edge ~ 1 GHz / (2 Port)LTE B13 5 MHz 1 Carrier / 64QAM / High**

**Antenna 0 / 1 GHz ~ 2 GHz / (2 Port)LTE B13 5 MHz 1 Carrier / QPSK / Low**


## Antenna 0 / 2 GHz ~ 4 GHz / (2 Port)LTE B13 5 MHz 1 Carrier / QPSK / Middle



## Antenna 0 / 4 GHz ~ 6 GHz / (2 Port)LTE B13 5 MHz 1 Carrier / QPSK / Middle

