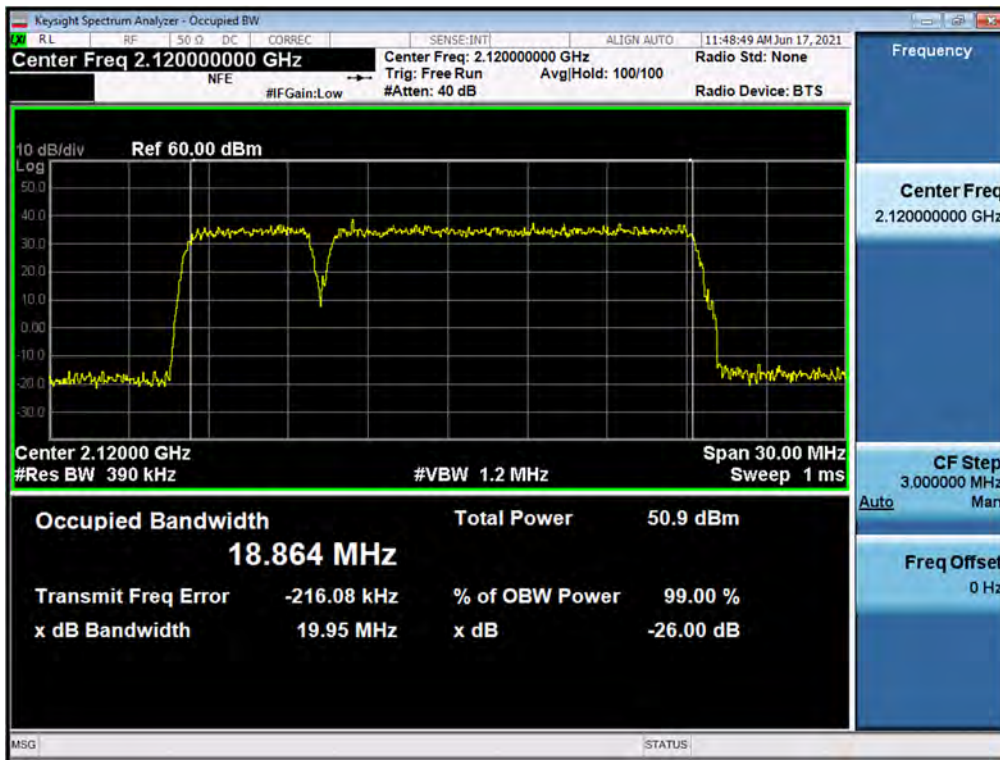
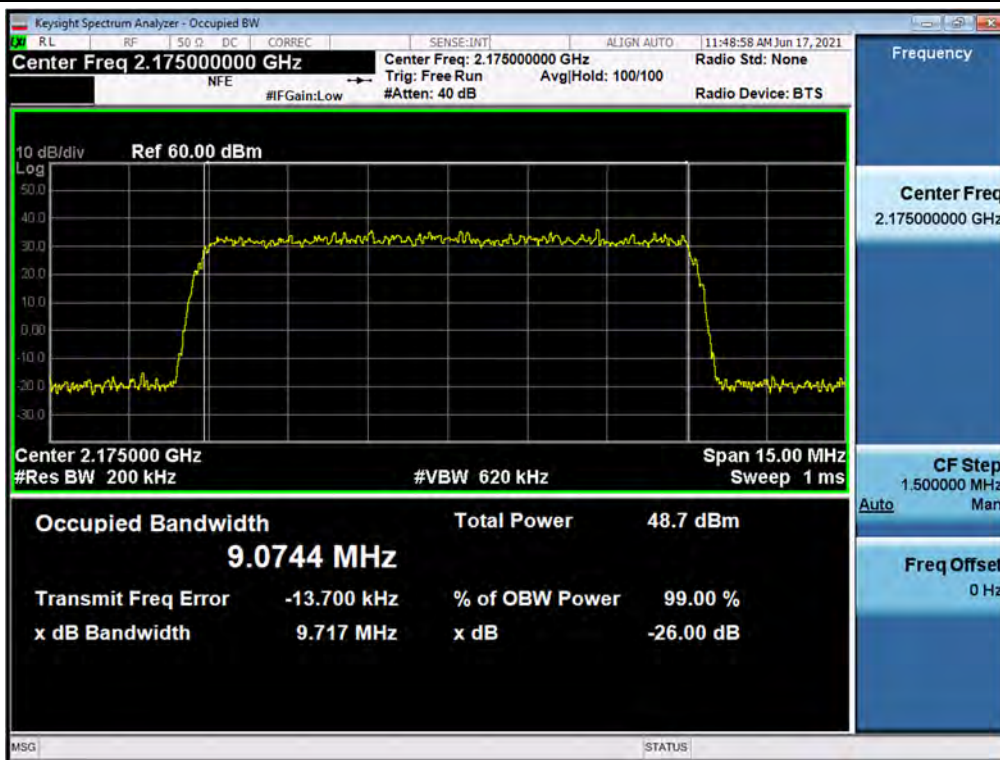


Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier (2C +1C) [3 Carrier] / B66 LTE 5 MHz + B66 LTE 15 MHz / Non-Contiguous / 64QAM / Low



Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier (2C +1C) [3 Carrier] / B66 DSS 10 MHz / Non-Contiguous / 64QAM / High



5.4. OUT-OF-BAND UNWANTED EMISSIONS

Test Requirements:

§ 2.1051 Measurements required: Spurious emissions at antenna terminals.

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

§ 24.238 Emission limitations for Broadband PCS equipment.

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications 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 resolution bandwidth of 1 MHz or greater. However, 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 the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz 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.
- (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

§ 27.53 Emission limits.

(h) AWS emission limits

- (1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.
- (3) Measurement procedure.
 - (i) Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's

frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. 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.

- (ii) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the licensee's frequency block edges, both upper and lower, as the design permits.
- (iii) The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

Test Procedures:

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

5.7.3 Out-of-band unwanted emissions measurements

- a) Set the spectrum analyzer center frequency to the block, band, or channel edge frequency.
- b) Set the span wide enough to capture the fundamental emission closest to the authorized block or band edge, and to include all modulation products that spill into the immediately adjacent frequency band. In some cases, it may be possible to set the center frequency and span so as to encompass the fundamental emission and the unwanted out-of-band (band-edge) emissions on either side of the authorized block, band, or channel. This can be accomplished with a single (slow) sweep, if adequate overload protection and sufficient dynamic range can be maintained.
- c) Set the number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$.
- d) Sweep time should be auto for peak detection. For rms detection the sweep time should be set as follows:
 - 1) If the device can be configured to transmit continuously (duty cycle $\geq 98\%$), set the (sweep time) $>$ (number of points in sweep) \times (symbol period) (e.g., by a factor of $10 \times \text{symbol period} \times \text{number of points}$). Increasing the sweep time (i.e., slowing the sweep speed) will allow for averaging over multiple symbols
 - 2) If the device cannot be configured to transmit continuously (duty cycle $< 98\%$) and a freerunning sweep must be used, set the sweep time so that the averaging is performed over multiple on/off cycles by setting the sweep time $>$ (number of points in sweep) \times (transmitter period) (i.e., the transmit on-time + the off-time). The spectrum analyzer readings shall subsequently be corrected by $[10 \log (1/\text{duty cycle})]$. This assumes that the transmission period and duty cycle is relatively constant (duty cycle variation $\leq \pm 2\%$).
 - 3) If the device cannot be configured to transmit continuously (duty cycle $< 98\%$) and a freerunning sweep must be used, set the sweep time so that the averaging is performed over multiple on/off cycles by setting the sweep time $>$ (number of points in sweep) \times (transmitter period) (i.e., the transmit on-time + the off-time). The spectrum analyzer readings shall subsequently be corrected by $[10 \log (1/\text{duty cycle})]$. This assumes that the transmission period and duty cycle is relatively constant (duty cycle variation $\leq \pm 2\%$).
 - 4) If the device cannot be configured to transmit continuously and a free-running sweep must be used, and if the transmissions exhibit a non-constant duty cycle (duty cycle variations $> \pm 2\%$), set the sweep time so that the averaging is performed over the on-period by setting the sweep time $>$ (symbol period) \times (number of points), while also maintaining the sweep time $<$ (transmitter on-time). The trace mode shall be set to max hold, since not every display point will be averaged only over just the on-time. Thus, multiple sweeps (e.g., 100) in maximum hold are

necessary to ensure that the maximum power is measured.

- e) The test report shall include the plots of the measuring instrument display and the measured data.
- f) See Annex I for example emission mask plots.

Note:

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

Test Results:
Tabular Data of Out-of-band Unwanted Emissions
B2 DSS 10 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-30.33
		High	1990.00	-31.00
	16QAM	Low	1930.00	-32.27
		High	1990.00	-30.15
	64QAM	Low	1930.00	-31.26
		High	1990.00	-31.21
	256QAM	Low	1930.00	-33.77
		High	1990.00	-29.13
1	QPSK	Low	1930.00	-30.85
		High	1990.00	-32.19
	16QAM	Low	1930.00	-31.02
		High	1990.00	-30.81
	64QAM	Low	1930.00	-31.25
		High	1990.00	-31.43
	256QAM	Low	1930.00	-32.48
		High	1990.00	-32.26
2	QPSK	Low	1930.00	-32.87
		High	1990.00	-30.81
	16QAM	Low	1930.00	-32.36
		High	1990.00	-31.61
	64QAM	Low	1930.00	-33.16
		High	1990.00	-30.56
	256QAM	Low	1930.00	-35.01
		High	1990.00	-35.56
3	QPSK	Low	1930.00	-30.98
		High	1990.00	-29.51
	16QAM	Low	1930.00	-31.77
		High	1990.00	-30.78
	64QAM	Low	1930.00	-31.65
		High	1990.00	-31.82
	256QAM	Low	1930.00	-32.92
		High	1990.00	-30.63

B66 DSS 10 MHz 1 Carrier

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-34.83
		High	2180.00	-30.09
	16QAM	Low	2110.00	-33.51
		High	2180.00	-31.21
	64QAM	Low	2110.00	-32.90
		High	2180.00	-29.26
256QAM	Low	2110.00	-35.93	
	High	2180.00	-32.29	
1	QPSK	Low	2110.00	-34.68
		High	2180.00	-30.08
	16QAM	Low	2110.00	-32.92
		High	2180.00	-29.22
	64QAM	Low	2110.00	-32.39
		High	2180.00	-28.68
256QAM	Low	2110.00	-29.53	
	High	2180.00	-30.74	
2	QPSK	Low	2110.00	-37.85
		High	2180.00	-32.39
	16QAM	Low	2110.00	-38.12
		High	2180.00	-30.91
	64QAM	Low	2110.00	-36.82
		High	2180.00	-32.36
256QAM	Low	2110.00	-39.50	
	High	2180.00	-29.91	
3	QPSK	Low	2110.00	-39.41
		High	2180.00	-32.67
	16QAM	Low	2110.00	-38.08
		High	2180.00	-33.19
	64QAM	Low	2110.00	-34.76
		High	2180.00	-33.29
256QAM	Low	2110.00	-38.73	
	High	2180.00	-34.75	

Tabular Data of Contiguous Out-of-band Unwanted Emissions
B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-37.33
		High	1990.00	-32.06
	16QAM	Low	1930.00	-30.77
		High	1990.00	-31.28
	64QAM	Low	1930.00	-35.41
		High	1990.00	-32.12
	256QAM	Low	1930.00	-36.66
		High	1990.00	-32.28
1	QPSK	Low	1930.00	-34.01
		High	1990.00	-33.88
	16QAM	Low	1930.00	-31.08
		High	1990.00	-29.68
	64QAM	Low	1930.00	-35.46
		High	1990.00	-32.34
	256QAM	Low	1930.00	-32.30
		High	1990.00	-32.01
2	QPSK	Low	1930.00	-32.85
		High	1990.00	-32.20
	16QAM	Low	1930.00	-34.70
		High	1990.00	-30.16
	64QAM	Low	1930.00	-33.22
		High	1990.00	-31.63
	256QAM	Low	1930.00	-34.74
		High	1990.00	-32.91
3	QPSK	Low	1930.00	-33.47
		High	1990.00	-32.06
	16QAM	Low	1930.00	-32.13
		High	1990.00	-31.67
	64QAM	Low	1930.00	-35.29
		High	1990.00	-32.04
	256QAM	Low	1930.00	-32.25
		High	1990.00	-31.25

B2 LTE 10 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-35.48
		High	1990.00	-34.48
	16QAM	Low	1930.00	-35.40
		High	1990.00	-36.30
	64QAM	Low	1930.00	-35.06
		High	1990.00	-34.79
256QAM	Low	1930.00	-34.07	
	High	1990.00	-35.76	
1	QPSK	Low	1930.00	-33.29
		High	1990.00	-33.74
	16QAM	Low	1930.00	-37.78
		High	1990.00	-33.31
	64QAM	Low	1930.00	-37.20
		High	1990.00	-30.18
256QAM	Low	1930.00	-35.96	
	High	1990.00	-32.28	
2	QPSK	Low	1930.00	-34.69
		High	1990.00	-34.26
	16QAM	Low	1930.00	-37.94
		High	1990.00	-34.18
	64QAM	Low	1930.00	-35.83
		High	1990.00	-33.30
256QAM	Low	1930.00	-35.44	
	High	1990.00	-34.71	
3	QPSK	Low	1930.00	-32.68
		High	1990.00	-33.75
	16QAM	Low	1930.00	-33.40
		High	1990.00	-36.06
	64QAM	Low	1930.00	-34.46
		High	1990.00	-32.77
256QAM	Low	1930.00	-33.52	
	High	1990.00	-31.47	

B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-36.90
		High	2180.00	-31.20
	16QAM	Low	2110.00	-33.91
		High	2180.00	-31.33
	64QAM	Low	2110.00	-36.41
		High	2180.00	-33.58
256QAM	Low	2110.00	-34.89	
	High	2180.00	-35.11	
1	QPSK	Low	2110.00	-34.48
		High	2180.00	-31.33
	16QAM	Low	2110.00	-35.70
		High	2180.00	-34.12
	64QAM	Low	2110.00	-36.43
		High	2180.00	-30.48
256QAM	Low	2110.00	-36.48	
	High	2180.00	-31.73	
2	QPSK	Low	2110.00	-34.57
		High	2180.00	-35.37
	16QAM	Low	2110.00	-35.77
		High	2180.00	-32.49
	64QAM	Low	2110.00	-35.22
		High	2180.00	-35.52
256QAM	Low	2110.00	-37.36	
	High	2180.00	-33.52	
3	QPSK	Low	2110.00	-38.21
		High	2180.00	-34.21
	16QAM	Low	2110.00	-37.54
		High	2180.00	-33.32
	64QAM	Low	2110.00	-34.74
		High	2180.00	-31.70
256QAM	Low	2110.00	-38.46	
	High	2180.00	-33.43	

B66 DSS 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-37.14
		High	2180.00	-31.91
	16QAM	Low	2110.00	-34.47
		High	2180.00	-35.12
	64QAM	Low	2110.00	-35.95
		High	2180.00	-32.30
256QAM	Low	2110.00	-35.11	
	High	2180.00	-33.99	
1	QPSK	Low	2110.00	-35.76
		High	2180.00	-32.15
	16QAM	Low	2110.00	-38.51
		High	2180.00	-33.80
	64QAM	Low	2110.00	-35.59
		High	2180.00	-34.57
256QAM	Low	2110.00	-38.76	
	High	2180.00	-32.45	
2	QPSK	Low	2110.00	-37.34
		High	2180.00	-33.92
	16QAM	Low	2110.00	-36.76
		High	2180.00	-34.82
	64QAM	Low	2110.00	-39.11
		High	2180.00	-33.59
256QAM	Low	2110.00	-36.71	
	High	2180.00	-34.38	
3	QPSK	Low	2110.00	-38.45
		High	2180.00	-33.18
	16QAM	Low	2110.00	-38.28
		High	2180.00	-35.44
	64QAM	Low	2110.00	-34.99
		High	2180.00	-36.17
256QAM	Low	2110.00	-34.39	
	High	2180.00	-33.32	

B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-34.10
		High	2180.00	-33.88
	16QAM	Low	2110.00	-37.36
		High	2180.00	-34.07
	64QAM	Low	2110.00	-37.59
		High	2180.00	-29.18
256QAM	Low	2110.00	-36.46	
	High	2180.00	-31.00	
1	QPSK	Low	2110.00	-38.76
		High	2180.00	-33.50
	16QAM	Low	2110.00	-35.18
		High	2180.00	-32.88
	64QAM	Low	2110.00	-38.90
		High	2180.00	-32.21
256QAM	Low	2110.00	-34.83	
	High	2180.00	-33.17	
2	QPSK	Low	2110.00	-38.46
		High	2180.00	-34.48
	16QAM	Low	2110.00	-38.06
		High	2180.00	-33.39
	64QAM	Low	2110.00	-36.47
		High	2180.00	-37.52
256QAM	Low	2110.00	-37.40	
	High	2180.00	-34.34	
3	QPSK	Low	2110.00	-39.26
		High	2180.00	-31.61
	16QAM	Low	2110.00	-39.12
		High	2180.00	-37.99
	64QAM	Low	2110.00	-37.75
		High	2180.00	-34.78
256QAM	Low	2110.00	-39.65	
	High	2180.00	-36.15	

B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-40.14
		High	2180.00	-33.54
	16QAM	Low	2110.00	-34.58
		High	2180.00	-33.22
	64QAM	Low	2110.00	-39.43
		High	2180.00	-33.45
256QAM	Low	2110.00	-37.63	
	High	2180.00	-35.51	
1	QPSK	Low	2110.00	-40.25
		High	2180.00	-34.12
	16QAM	Low	2110.00	-34.55
		High	2180.00	-35.42
	64QAM	Low	2110.00	-38.45
		High	2180.00	-32.03
256QAM	Low	2110.00	-36.35	
	High	2180.00	-37.37	
2	QPSK	Low	2110.00	-40.18
		High	2180.00	-34.11
	16QAM	Low	2110.00	-37.64
		High	2180.00	-36.82
	64QAM	Low	2110.00	-36.88
		High	2180.00	-38.13
256QAM	Low	2110.00	-40.47	
	High	2180.00	-32.29	
3	QPSK	Low	2110.00	-40.21
		High	2180.00	-38.06
	16QAM	Low	2110.00	-38.50
		High	2180.00	-37.03
	64QAM	Low	2110.00	-37.29
		High	2180.00	-32.51
256QAM	Low	2110.00	-37.93	
	High	2180.00	-35.34	

Tabular Data of Non-Contiguous Out-of-band Unwanted Emissions
B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-34.09
		High	1990.00	-33.78
	16QAM	Low	1930.00	-33.14
		High	1990.00	-34.10
	64QAM	Low	1930.00	-34.18
		High	1990.00	-31.80
	256QAM	Low	1930.00	-34.61
		High	1990.00	-32.29
1	QPSK	Low	1930.00	-33.73
		High	1990.00	-31.66
	16QAM	Low	1930.00	-34.56
		High	1990.00	-32.84
	64QAM	Low	1930.00	-34.97
		High	1990.00	-32.66
	256QAM	Low	1930.00	-33.97
		High	1990.00	-33.50
2	QPSK	Low	1930.00	-34.84
		High	1990.00	-34.04
	16QAM	Low	1930.00	-35.79
		High	1990.00	-31.78
	64QAM	Low	1930.00	-32.70
		High	1990.00	-32.41
	256QAM	Low	1930.00	-36.25
		High	1990.00	-32.04
3	QPSK	Low	1930.00	-33.49
		High	1990.00	-31.65
	16QAM	Low	1930.00	-34.60
		High	1990.00	-31.62
	64QAM	Low	1930.00	-33.45
		High	1990.00	-34.49
	256QAM	Low	1930.00	-34.84
		High	1990.00	-31.65

B2 LTE 10 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-32.20
		High	1990.00	-32.86
	16QAM	Low	1930.00	-33.49
		High	1990.00	-32.79
	64QAM	Low	1930.00	-34.42
		High	1990.00	-32.90
256QAM	Low	1930.00	-34.79	
	High	1990.00	-33.31	
1	QPSK	Low	1930.00	-33.89
		High	1990.00	-33.48
	16QAM	Low	1930.00	-33.24
		High	1990.00	-36.41
	64QAM	Low	1930.00	-34.75
		High	1990.00	-33.18
256QAM	Low	1930.00	-32.02	
	High	1990.00	-35.01	
2	QPSK	Low	1930.00	-34.38
		High	1990.00	-35.56
	16QAM	Low	1930.00	-35.70
		High	1990.00	-34.36
	64QAM	Low	1930.00	-35.30
		High	1990.00	-32.76
256QAM	Low	1930.00	-36.59	
	High	1990.00	-34.05	
3	QPSK	Low	1930.00	-38.62
		High	1990.00	-31.56
	16QAM	Low	1930.00	-33.28
		High	1990.00	-31.53
	64QAM	Low	1930.00	-36.34
		High	1990.00	-33.96
256QAM	Low	1930.00	-33.31	
	High	1990.00	-32.44	

B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-35.24
		High	2180.00	-28.88
	16QAM	Low	2110.00	-36.13
		High	2180.00	-29.99
	64QAM	Low	2110.00	-34.04
		High	2180.00	-30.00
256QAM	Low	2110.00	-35.30	
	High	2180.00	-33.27	
1	QPSK	Low	2110.00	-34.27
		High	2180.00	-31.05
	16QAM	Low	2110.00	-37.47
		High	2180.00	-33.66
	64QAM	Low	2110.00	-33.87
		High	2180.00	-31.81
256QAM	Low	2110.00	-35.97	
	High	2180.00	-30.92	
2	QPSK	Low	2110.00	-35.75
		High	2180.00	-30.81
	16QAM	Low	2110.00	-35.60
		High	2180.00	-32.74
	64QAM	Low	2110.00	-34.84
		High	2180.00	-33.65
256QAM	Low	2110.00	-35.53	
	High	2180.00	-31.09	
3	QPSK	Low	2110.00	-35.95
		High	2180.00	-31.03
	16QAM	Low	2110.00	-36.30
		High	2180.00	-30.27
	64QAM	Low	2110.00	-37.51
		High	2180.00	-31.31
256QAM	Low	2110.00	-35.80	
	High	2180.00	-31.84	

B66 DSS 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-32.88
		High	2180.00	-32.10
	16QAM	Low	2110.00	-36.34
		High	2180.00	-31.81
	64QAM	Low	2110.00	-35.35
		High	2180.00	-34.14
256QAM	Low	2110.00	-34.79	
	High	2180.00	-32.52	
1	QPSK	Low	2110.00	-36.44
		High	2180.00	-34.70
	16QAM	Low	2110.00	-36.85
		High	2180.00	-32.07
	64QAM	Low	2110.00	-35.53
		High	2180.00	-32.08
256QAM	Low	2110.00	-35.28	
	High	2180.00	-32.75	
2	QPSK	Low	2110.00	-33.82
		High	2180.00	-33.06
	16QAM	Low	2110.00	-36.47
		High	2180.00	-32.22
	64QAM	Low	2110.00	-36.07
		High	2180.00	-35.81
256QAM	Low	2110.00	-36.57	
	High	2180.00	-35.20	
3	QPSK	Low	2110.00	-36.09
		High	2180.00	-38.01
	16QAM	Low	2110.00	-34.96
		High	2180.00	-31.66
	64QAM	Low	2110.00	-35.88
		High	2180.00	-35.88
256QAM	Low	2110.00	-36.10	
	High	2180.00	-34.38	

B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier (1C +2C) [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-36.88
		High	2180.00	-31.22
	16QAM	Low	2110.00	-35.42
		High	2180.00	-28.64
	64QAM	Low	2110.00	-36.49
		High	2180.00	-32.91
256QAM	Low	2110.00	-34.98	
	High	2180.00	-31.30	
1	QPSK	Low	2110.00	-38.29
		High	2180.00	-31.93
	16QAM	Low	2110.00	-36.70
		High	2180.00	-31.30
	64QAM	Low	2110.00	-37.76
		High	2180.00	-31.43
256QAM	Low	2110.00	-37.39	
	High	2180.00	-31.53	
2	QPSK	Low	2110.00	-37.28
		High	2180.00	-32.28
	16QAM	Low	2110.00	-36.85
		High	2180.00	-33.24
	64QAM	Low	2110.00	-36.45
		High	2180.00	-32.74
256QAM	Low	2110.00	-35.89	
	High	2180.00	-33.24	
3	QPSK	Low	2110.00	-36.56
		High	2180.00	-32.14
	16QAM	Low	2110.00	-40.30
		High	2180.00	-30.59
	64QAM	Low	2110.00	-37.51
		High	2180.00	-33.85
256QAM	Low	2110.00	-38.66	
	High	2180.00	-35.14	

B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier (2C +1C) [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-36.12
		High	2180.00	-30.68
	16QAM	Low	2110.00	-35.49
		High	2180.00	-28.83
	64QAM	Low	2110.00	-35.77
		High	2180.00	-30.82
256QAM	Low	2110.00	-33.93	
	High	2180.00	-28.60	
1	QPSK	Low	2110.00	-36.98
		High	2180.00	-31.28
	16QAM	Low	2110.00	-35.45
		High	2180.00	-32.65
	64QAM	Low	2110.00	-35.74
		High	2180.00	-32.28
256QAM	Low	2110.00	-37.62	
	High	2180.00	-33.12	
2	QPSK	Low	2110.00	-36.62
		High	2180.00	-33.03
	16QAM	Low	2110.00	-38.15
		High	2180.00	-34.18
	64QAM	Low	2110.00	-36.63
		High	2180.00	-37.02
256QAM	Low	2110.00	-35.21	
	High	2180.00	-32.92	
3	QPSK	Low	2110.00	-39.33
		High	2180.00	-32.93
	16QAM	Low	2110.00	-39.96
		High	2180.00	-31.86
	64QAM	Low	2110.00	-36.20
		High	2180.00	-30.70
256QAM	Low	2110.00	-36.46	
	High	2180.00	-32.68	

B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier (1C +2C) [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-38.37
		High	2180.00	-34.95
	16QAM	Low	2110.00	-35.16
		High	2180.00	-34.46
	64QAM	Low	2110.00	-40.01
		High	2180.00	-32.45
256QAM	Low	2110.00	-36.88	
	High	2180.00	-32.37	
1	QPSK	Low	2110.00	-36.95
		High	2180.00	-34.29
	16QAM	Low	2110.00	-40.14
		High	2180.00	-38.03
	64QAM	Low	2110.00	-38.60
		High	2180.00	-33.16
256QAM	Low	2110.00	-41.77	
	High	2180.00	-33.19	
2	QPSK	Low	2110.00	-41.01
		High	2180.00	-36.24
	16QAM	Low	2110.00	-41.19
		High	2180.00	-35.20
	64QAM	Low	2110.00	-38.21
		High	2180.00	-33.91
256QAM	Low	2110.00	-37.36	
	High	2180.00	-36.69	
3	QPSK	Low	2110.00	-37.68
		High	2180.00	-35.56
	16QAM	Low	2110.00	-40.75
		High	2180.00	-36.55
	64QAM	Low	2110.00	-41.04
		High	2180.00	-35.03
256QAM	Low	2110.00	-41.60	
	High	2180.00	-36.19	

B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier (2C +1C) [3 Carrier]

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-37.37
		High	2180.00	-33.02
	16QAM	Low	2110.00	-35.95
		High	2180.00	-34.74
	64QAM	Low	2110.00	-39.36
		High	2180.00	-31.36
256QAM	Low	2110.00	-36.79	
	High	2180.00	-32.00	
1	QPSK	Low	2110.00	-40.12
		High	2180.00	-33.68
	16QAM	Low	2110.00	-38.73
		High	2180.00	-35.19
	64QAM	Low	2110.00	-37.67
		High	2180.00	-33.58
256QAM	Low	2110.00	-39.70	
	High	2180.00	-34.68	
2	QPSK	Low	2110.00	-36.72
		High	2180.00	-33.08
	16QAM	Low	2110.00	-39.79
		High	2180.00	-35.87
	64QAM	Low	2110.00	-38.76
		High	2180.00	-33.59
256QAM	Low	2110.00	-38.54	
	High	2180.00	-33.93	
3	QPSK	Low	2110.00	-38.65
		High	2180.00	-32.32
	16QAM	Low	2110.00	-41.53
		High	2180.00	-35.98
	64QAM	Low	2110.00	-38.25
		High	2180.00	-36.81
256QAM	Low	2110.00	-37.12	
	High	2180.00	-34.21	

Tabular Data of Out-of-band Unwanted Emissions_Inter Band
B2 LTE 10 MHz + B66 DSS 10 MHz (80W+80W)_Near

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-27.24
		High	1990.00	-27.20
	16QAM	Low	2110.00	-27.02
		High	1990.00	-26.45
	64QAM	Low	2110.00	-25.84
		High	1990.00	-27.65
	256QAM	Low	2110.00	-26.21
		High	1990.00	-27.95
1	QPSK	Low	2110.00	-28.42
		High	1990.00	-27.28
	16QAM	Low	2110.00	-28.07
		High	1990.00	-27.47
	64QAM	Low	2110.00	-27.79
		High	1990.00	-26.76
	256QAM	Low	2110.00	-27.77
		High	1990.00	-27.67
2	QPSK	Low	2110.00	-26.70
		High	1990.00	-27.55
	16QAM	Low	2110.00	-28.21
		High	1990.00	-27.39
	64QAM	Low	2110.00	-27.98
		High	1990.00	-27.16
	256QAM	Low	2110.00	-27.16
		High	1990.00	-27.19
3	QPSK	Low	2110.00	-28.93
		High	1990.00	-26.67
	16QAM	Low	2110.00	-28.22
		High	1990.00	-27.36
	64QAM	Low	2110.00	-28.30
		High	1990.00	-27.32
	256QAM	Low	2110.00	-28.93
		High	1990.00	-27.24

B2 LTE 10 MHz + B66 DSS 10 MHz (80W+80W)_Far

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-28.01
		High	2180.00	-26.61
	16QAM	Low	1930.00	-26.99
		High	2180.00	-25.73
	64QAM	Low	1930.00	-27.09
		High	2180.00	-26.33
256QAM	Low	1930.00	-27.73	
	High	2180.00	-26.85	
1	QPSK	Low	1930.00	-27.46
		High	2180.00	-26.00
	16QAM	Low	1930.00	-28.52
		High	2180.00	-26.80
	64QAM	Low	1930.00	-27.03
		High	2180.00	-24.43
256QAM	Low	1930.00	-28.02	
	High	2180.00	-26.52	
2	QPSK	Low	1930.00	-27.82
		High	2180.00	-28.03
	16QAM	Low	1930.00	-27.81
		High	2180.00	-27.02
	64QAM	Low	1930.00	-27.79
		High	2180.00	-27.86
256QAM	Low	1930.00	-29.18	
	High	2180.00	-27.28	
3	QPSK	Low	1930.00	-27.47
		High	2180.00	-27.71
	16QAM	Low	1930.00	-27.51
		High	2180.00	-27.56
	64QAM	Low	1930.00	-28.31
		High	2180.00	-26.89
256QAM	Low	1930.00	-27.70	
	High	2180.00	-27.06	

B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (80W+80W)_PCS

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-29.24
		High	1990.00	-27.56
	16QAM	Low	1930.00	-28.58
		High	1990.00	-27.03
	64QAM	Low	1930.00	-28.96
		High	1990.00	-28.02
256QAM	Low	1930.00	-28.76	
	High	1990.00	-27.63	
1	QPSK	Low	1930.00	-28.70
		High	1990.00	-28.38
	16QAM	Low	1930.00	-29.38
		High	1990.00	-28.66
	64QAM	Low	1930.00	-28.67
		High	1990.00	-27.48
256QAM	Low	1930.00	-28.34	
	High	1990.00	-28.68	
2	QPSK	Low	1930.00	-29.21
		High	1990.00	-28.26
	16QAM	Low	1930.00	-28.61
		High	1990.00	-28.07
	64QAM	Low	1930.00	-28.46
		High	1990.00	-28.41
256QAM	Low	1930.00	-28.78	
	High	1990.00	-28.53	
3	QPSK	Low	1930.00	-29.38
		High	1990.00	-28.33
	16QAM	Low	1930.00	-28.77
		High	1990.00	-28.01
	64QAM	Low	1930.00	-28.79
		High	1990.00	-28.08
256QAM	Low	1930.00	-28.47	
	High	1990.00	-28.76	

B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (80W+80W)_AWS

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-26.14
		High	2180.00	-27.93
	16QAM	Low	2110.00	-26.16
		High	2180.00	-27.80
	64QAM	Low	2110.00	-25.54
		High	2180.00	-27.39
256QAM	Low	2110.00	-25.31	
	High	2180.00	-27.47	
1	QPSK	Low	2110.00	-25.43
		High	2180.00	-27.91
	16QAM	Low	2110.00	-25.98
		High	2180.00	-27.78
	64QAM	Low	2110.00	-26.10
		High	2180.00	-27.79
256QAM	Low	2110.00	-25.47	
	High	2180.00	-26.80	
2	QPSK	Low	2110.00	-25.94
		High	2180.00	-28.03
	16QAM	Low	2110.00	-25.25
		High	2180.00	-28.58
	64QAM	Low	2110.00	-25.41
		High	2180.00	-28.43
256QAM	Low	2110.00	-26.40	
	High	2180.00	-28.06	
3	QPSK	Low	2110.00	-26.26
		High	2180.00	-27.80
	16QAM	Low	2110.00	-25.92
		High	2180.00	-28.02
	64QAM	Low	2110.00	-25.77
		High	2180.00	-28.45
256QAM	Low	2110.00	-26.36	
	High	2180.00	-27.84	

B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (40W+120W)_PCS

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-28.79
		High	1990.00	-28.57
	16QAM	Low	1930.00	-28.56
		High	1990.00	-29.36
	64QAM	Low	1930.00	-28.95
		High	1990.00	-28.77
256QAM	Low	1930.00	-28.53	
	High	1990.00	-28.97	
1	QPSK	Low	1930.00	-29.20
		High	1990.00	-29.33
	16QAM	Low	1930.00	-29.07
		High	1990.00	-28.75
	64QAM	Low	1930.00	-29.55
		High	1990.00	-28.73
256QAM	Low	1930.00	-29.98	
	High	1990.00	-29.21	
2	QPSK	Low	1930.00	-28.81
		High	1990.00	-29.63
	16QAM	Low	1930.00	-29.49
		High	1990.00	-29.45
	64QAM	Low	1930.00	-30.03
		High	1990.00	-29.26
256QAM	Low	1930.00	-29.47	
	High	1990.00	-29.57	
3	QPSK	Low	1930.00	-29.97
		High	1990.00	-28.28
	16QAM	Low	1930.00	-29.77
		High	1990.00	-29.00
	64QAM	Low	1930.00	-28.53
		High	1990.00	-28.54
256QAM	Low	1930.00	-28.84	
	High	1990.00	-28.90	

B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (40W+120W)_AWS

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-25.15
		High	2180.00	-26.84
	16QAM	Low	2110.00	-24.73
		High	2180.00	-26.35
	64QAM	Low	2110.00	-24.45
		High	2180.00	-26.38
256QAM	Low	2110.00	-25.64	
	High	2180.00	-27.34	
1	QPSK	Low	2110.00	-26.66
		High	2180.00	-28.05
	16QAM	Low	2110.00	-25.34
		High	2180.00	-26.98
	64QAM	Low	2110.00	-25.58
		High	2180.00	-27.53
256QAM	Low	2110.00	-25.50	
	High	2180.00	-27.30	
2	QPSK	Low	2110.00	-25.97
		High	2180.00	-28.56
	16QAM	Low	2110.00	-26.57
		High	2180.00	-28.20
	64QAM	Low	2110.00	-26.69
		High	2180.00	-27.83
256QAM	Low	2110.00	-26.16	
	High	2180.00	-29.05	
3	QPSK	Low	2110.00	-26.36
		High	2180.00	-28.11
	16QAM	Low	2110.00	-26.18
		High	2180.00	-27.44
	64QAM	Low	2110.00	-25.72
		High	2180.00	-27.17
256QAM	Low	2110.00	-26.48	
	High	2180.00	-28.25	

B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	High	1990.00	-28.01
	16QAM	High	1990.00	-29.25
	64QAM	High	1990.00	-28.20
	256QAM	High	1990.00	-28.69
1	QPSK	High	1990.00	-28.42
	16QAM	High	1990.00	-29.39
	64QAM	High	1990.00	-28.76
	256QAM	High	1990.00	-28.82
2	QPSK	High	1990.00	-29.60
	16QAM	High	1990.00	-28.47
	64QAM	High	1990.00	-28.43
	256QAM	High	1990.00	-29.23
3	QPSK	High	1990.00	-28.91
	16QAM	High	1990.00	-27.83
	64QAM	High	1990.00	-28.02
	256QAM	High	1990.00	-27.94

B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-30.53
		High	2180.00	-25.52
	16QAM	Low	2110.00	-30.90
		High	2180.00	-26.20
	64QAM	Low	2110.00	-29.46
		High	2180.00	-26.11
256QAM	Low	2110.00	-29.89	
	High	2180.00	-26.52	
1	QPSK	Low	2110.00	-30.38
		High	2180.00	-26.64
	16QAM	Low	2110.00	-30.39
		High	2180.00	-27.04
	64QAM	Low	2110.00	-31.11
		High	2180.00	-26.94
256QAM	Low	2110.00	-30.54	
	High	2180.00	-26.94	
2	QPSK	Low	2110.00	-31.14
		High	2180.00	-24.69
	16QAM	Low	2110.00	-31.32
		High	2180.00	-25.13
	64QAM	Low	2110.00	-31.33
		High	2180.00	-25.41
256QAM	Low	2110.00	-30.26	
	High	2180.00	-24.64	
3	QPSK	Low	2110.00	-30.36
		High	2180.00	-27.10
	16QAM	Low	2110.00	-30.15
		High	2180.00	-26.34
	64QAM	Low	2110.00	-30.98
		High	2180.00	-26.69
256QAM	Low	2110.00	-30.74	
	High	2180.00	-26.56	

B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-29.21
	16QAM	Low	1930.00	-28.57
	64QAM	Low	1930.00	-28.20
	256QAM	Low	1930.00	-28.97
1	QPSK	Low	1930.00	-29.14
	16QAM	Low	1930.00	-28.47
	64QAM	Low	1930.00	-28.83
	256QAM	Low	1930.00	-29.05
2	QPSK	Low	1930.00	-29.46
	16QAM	Low	1930.00	-29.00
	64QAM	Low	1930.00	-29.22
	256QAM	Low	1930.00	-28.69
3	QPSK	Low	1930.00	-28.92
	16QAM	Low	1930.00	-28.98
	64QAM	Low	1930.00	-29.17
	256QAM	Low	1930.00	-29.30

B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-29.89
		High	2180.00	-25.13
	16QAM	Low	2110.00	-30.12
		High	2180.00	-26.69
	64QAM	Low	2110.00	-30.72
		High	2180.00	-26.04
256QAM	Low	2110.00	-29.80	
	High	2180.00	-25.40	
1	QPSK	Low	2110.00	-30.59
		High	2180.00	-26.85
	16QAM	Low	2110.00	-30.51
		High	2180.00	-26.23
	64QAM	Low	2110.00	-30.17
		High	2180.00	-27.21
256QAM	Low	2110.00	-29.47	
	High	2180.00	-26.90	
2	QPSK	Low	2110.00	-30.73
		High	2180.00	-26.46
	16QAM	Low	2110.00	-29.81
		High	2180.00	-27.62
	64QAM	Low	2110.00	-30.87
		High	2180.00	-26.36
256QAM	Low	2110.00	-30.96	
	High	2180.00	-26.79	
3	QPSK	Low	2110.00	-30.67
		High	2180.00	-27.18
	16QAM	Low	2110.00	-31.15
		High	2180.00	-26.00
	64QAM	Low	2110.00	-31.06
		High	2180.00	-26.65
256QAM	Low	2110.00	-31.38	
	High	2180.00	-26.65	

B2 DSS 10 MHz + B66 LTE 10 MHz (80W+80W)_Near

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-27.98
		High	1990.00	-27.30
	16QAM	Low	2110.00	-27.91
		High	1990.00	-27.09
	64QAM	Low	2110.00	-29.04
		High	1990.00	-27.67
256QAM	Low	2110.00	-28.70	
	High	1990.00	-27.15	
1	QPSK	Low	2110.00	-27.74
		High	1990.00	-26.90
	16QAM	Low	2110.00	-27.86
		High	1990.00	-28.17
	64QAM	Low	2110.00	-28.18
		High	1990.00	-26.98
256QAM	Low	2110.00	-28.78	
	High	1990.00	-27.50	
2	QPSK	Low	2110.00	-29.19
		High	1990.00	-26.30
	16QAM	Low	2110.00	-28.72
		High	1990.00	-27.14
	64QAM	Low	2110.00	-29.34
		High	1990.00	-26.94
256QAM	Low	2110.00	-27.61	
	High	1990.00	-26.45	
3	QPSK	Low	2110.00	-29.27
		High	1990.00	-26.67
	16QAM	Low	2110.00	-28.16
		High	1990.00	-26.84
	64QAM	Low	2110.00	-28.55
		High	1990.00	-26.31
256QAM	Low	2110.00	-29.08	
	High	1990.00	-26.53	

B2 DSS 10 MHz + B66 LTE 10 MHz (80W+80W)_Far

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-26.78
		High	2180.00	-25.63
	16QAM	Low	1930.00	-26.37
		High	2180.00	-25.65
	64QAM	Low	1930.00	-27.58
		High	2180.00	-27.08
256QAM	Low	1930.00	-26.82	
	High	2180.00	-26.75	
1	QPSK	Low	1930.00	-27.01
		High	2180.00	-26.10
	16QAM	Low	1930.00	-28.46
		High	2180.00	-26.22
	64QAM	Low	1930.00	-27.71
		High	2180.00	-26.08
256QAM	Low	1930.00	-28.05	
	High	2180.00	-26.37	
2	QPSK	Low	1930.00	-27.16
		High	2180.00	-26.89
	16QAM	Low	1930.00	-27.04
		High	2180.00	-26.86
	64QAM	Low	1930.00	-27.81
		High	2180.00	-26.65
256QAM	Low	1930.00	-28.06	
	High	2180.00	-26.92	
3	QPSK	Low	1930.00	-27.64
		High	2180.00	-27.12
	16QAM	Low	1930.00	-27.11
		High	2180.00	-27.55
	64QAM	Low	1930.00	-26.96
		High	2180.00	-27.65
256QAM	Low	1930.00	-28.12	
	High	2180.00	-25.81	

B2 DSS 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near (PCS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	High	1990.00	-28.13
	16QAM	High	1990.00	-28.41
	64QAM	High	1990.00	-27.73
	256QAM	High	1990.00	-27.80
1	QPSK	High	1990.00	-28.30
	16QAM	High	1990.00	-27.60
	64QAM	High	1990.00	-28.66
	256QAM	High	1990.00	-28.29
2	QPSK	High	1990.00	-28.63
	16QAM	High	1990.00	-28.58
	64QAM	High	1990.00	-28.33
	256QAM	High	1990.00	-29.17
3	QPSK	High	1990.00	-28.83
	16QAM	High	1990.00	-28.21
	64QAM	High	1990.00	-28.36
	256QAM	High	1990.00	-28.16

B2 DSS 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near (AWS)

Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-30.64
		High	2180.00	-25.78
	16QAM	Low	2110.00	-30.19
		High	2180.00	-25.00
	64QAM	Low	2110.00	-29.99
		High	2180.00	-26.52
256QAM	Low	2110.00	-29.85	
	High	2180.00	-26.00	
1	QPSK	Low	2110.00	-30.42
		High	2180.00	-26.02
	16QAM	Low	2110.00	-29.89
		High	2180.00	-25.92
	64QAM	Low	2110.00	-30.07
		High	2180.00	-27.26
256QAM	Low	2110.00	-30.19	
	High	2180.00	-26.50	
2	QPSK	Low	2110.00	-30.08
		High	2180.00	-25.96
	16QAM	Low	2110.00	-30.99
		High	2180.00	-28.13
	64QAM	Low	2110.00	-29.87
		High	2180.00	-25.79
256QAM	Low	2110.00	-31.14	
	High	2180.00	-27.21	
3	QPSK	Low	2110.00	-30.82
		High	2180.00	-27.61
	16QAM	Low	2110.00	-31.43
		High	2180.00	-26.57
	64QAM	Low	2110.00	-31.42
		High	2180.00	-27.17
256QAM	Low	2110.00	-31.06	
	High	2180.00	-26.91	

B2 DSS 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far (PCS)

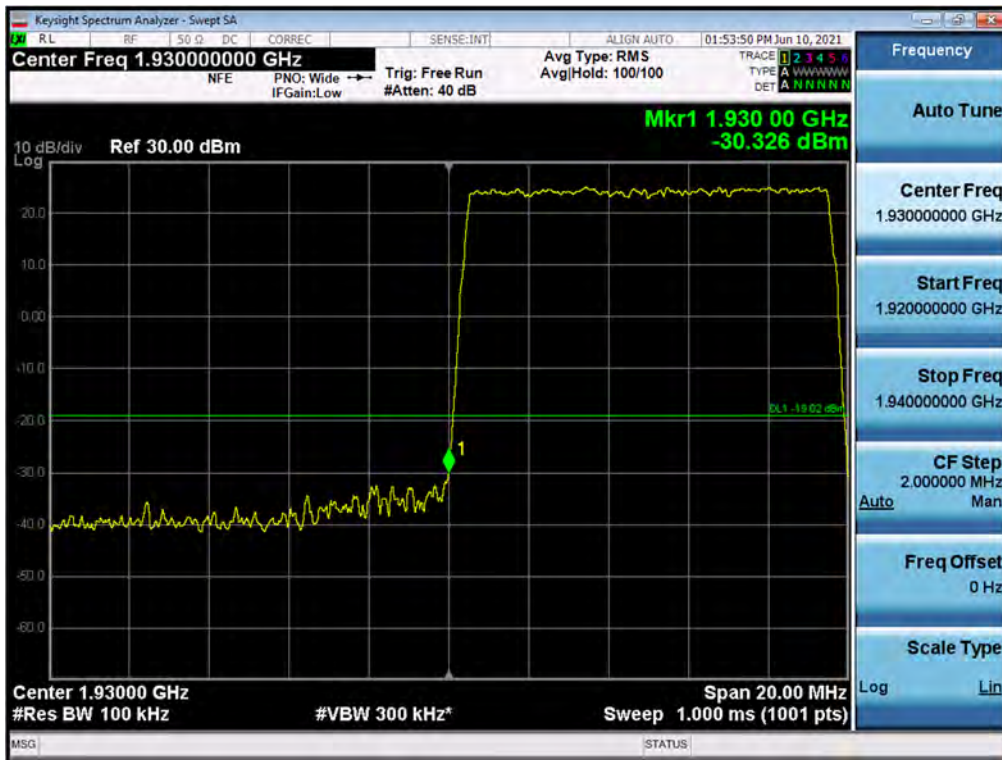
Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	1930.00	-28.28
	16QAM	Low	1930.00	-29.19
	64QAM	Low	1930.00	-28.93
	256QAM	Low	1930.00	-28.02
1	QPSK	Low	1930.00	-29.19
	16QAM	Low	1930.00	-29.61
	64QAM	Low	1930.00	-28.33
	256QAM	Low	1930.00	-28.91
2	QPSK	Low	1930.00	-29.22
	16QAM	Low	1930.00	-29.08
	64QAM	Low	1930.00	-29.09
	256QAM	Low	1930.00	-29.23
3	QPSK	Low	1930.00	-28.50
	16QAM	Low	1930.00	-28.05
	64QAM	Low	1930.00	-28.30
	256QAM	Low	1930.00	-28.60

B2 DSS 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far (AWS)

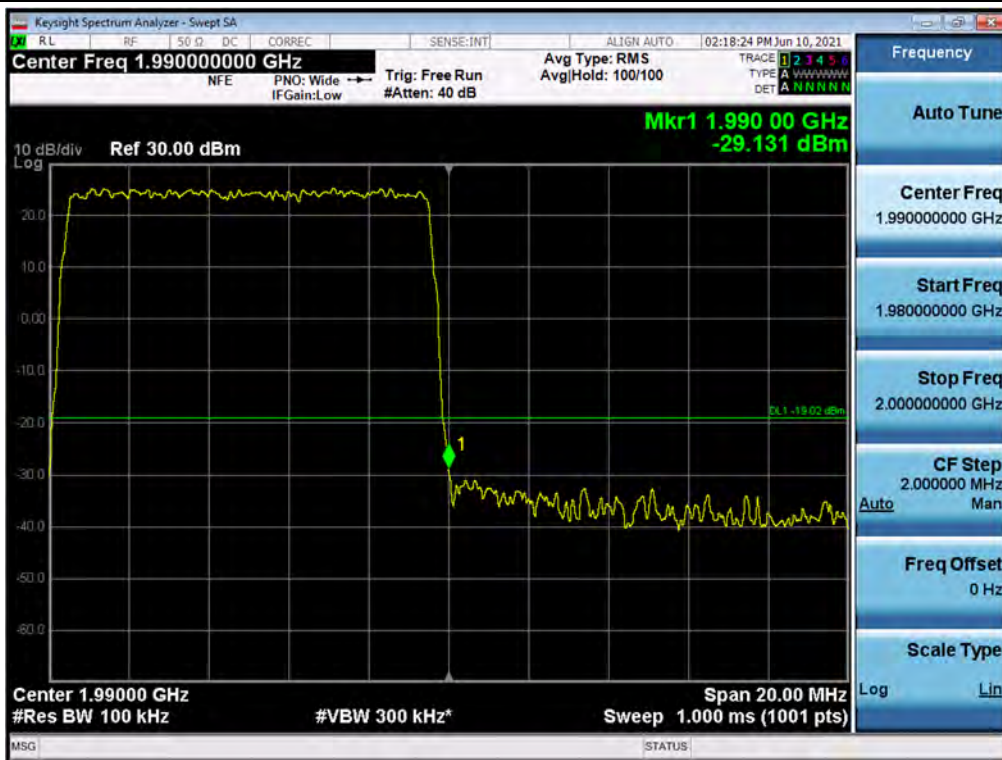
Ant.	Mod.	Channel	Frequency (MHz)	Measured Value (dBm)
0	QPSK	Low	2110.00	-29.70
		High	2180.00	-26.22
	16QAM	Low	2110.00	-30.04
		High	2180.00	-25.90
	64QAM	Low	2110.00	-30.84
		High	2180.00	-26.38
256QAM	Low	2110.00	-29.83	
	High	2180.00	-26.04	
1	QPSK	Low	2110.00	-30.25
		High	2180.00	-26.77
	16QAM	Low	2110.00	-30.28
		High	2180.00	-27.06
	64QAM	Low	2110.00	-30.51
		High	2180.00	-26.51
256QAM	Low	2110.00	-29.78	
	High	2180.00	-26.70	
2	QPSK	Low	2110.00	-30.78
		High	2180.00	-27.38
	16QAM	Low	2110.00	-30.29
		High	2180.00	-27.36
	64QAM	Low	2110.00	-31.21
		High	2180.00	-27.15
256QAM	Low	2110.00	-30.46	
	High	2180.00	-27.00	
3	QPSK	Low	2110.00	-30.90
		High	2180.00	-26.40
	16QAM	Low	2110.00	-31.14
		High	2180.00	-26.77
	64QAM	Low	2110.00	-30.66
		High	2180.00	-26.74
256QAM	Low	2110.00	-30.85	
	High	2180.00	-26.39	

Plot Data of Out-of-band Unwanted Emissions

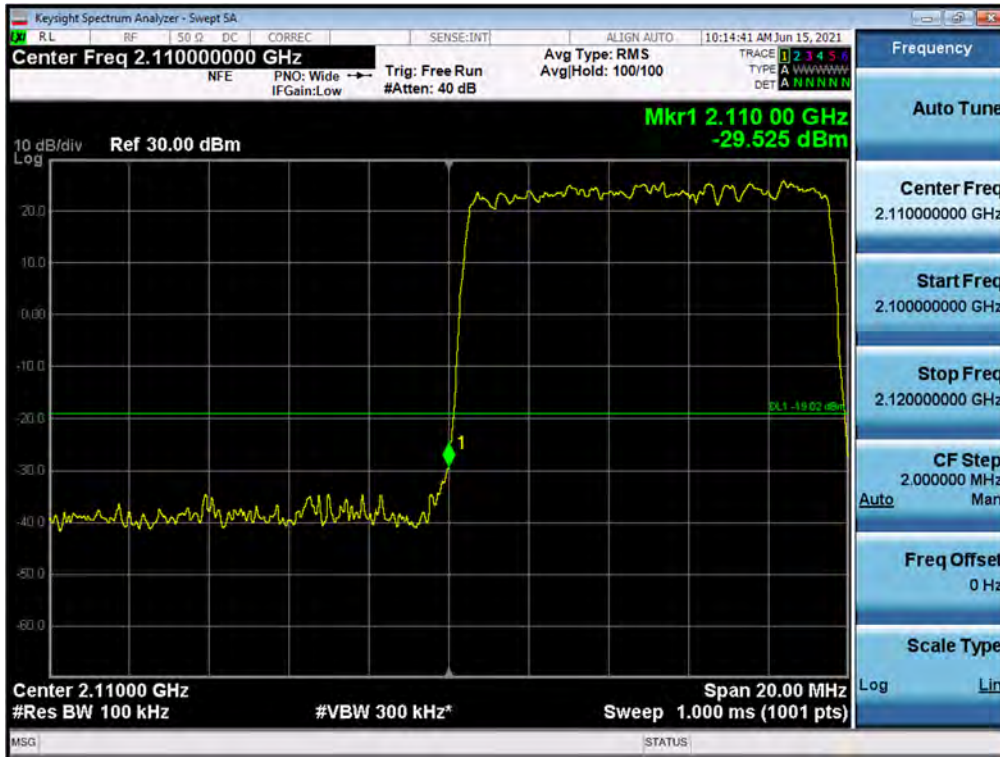
Antenna 0 / B2 DSS 10 MHz 1 Carrier / QPSK / Low



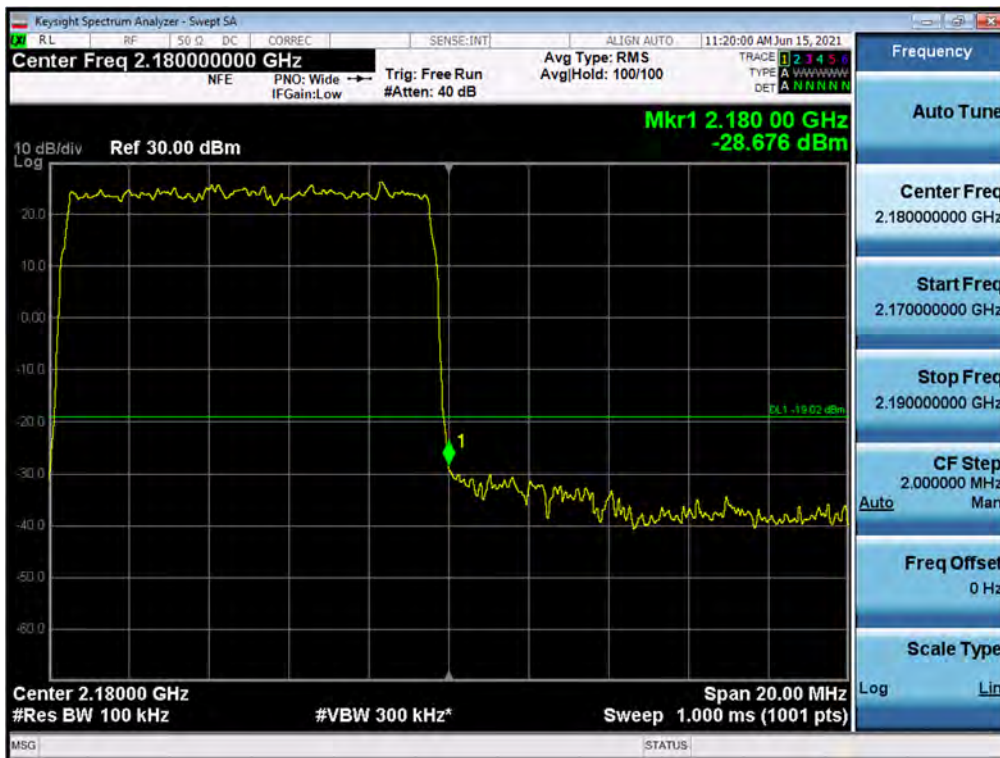
Antenna 0 / B2 DSS 10 MHz 1 Carrier / 256QAM / High



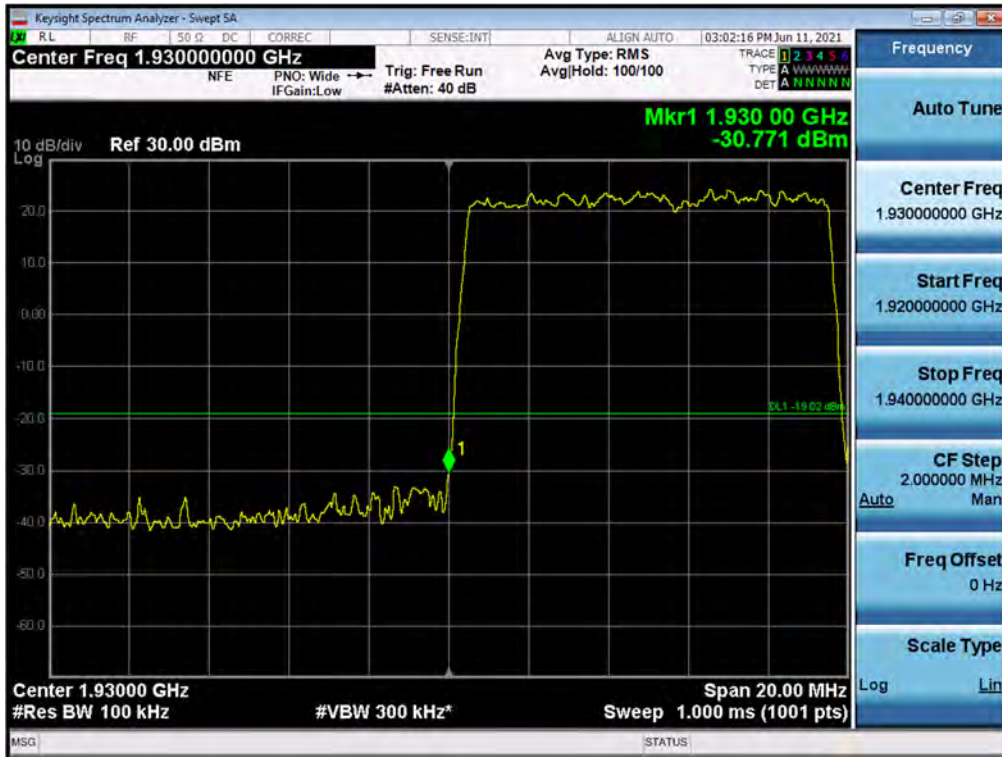
Antenna 1 / B66 DSS 10 MHz 1 Carrier / 256QAM / Low



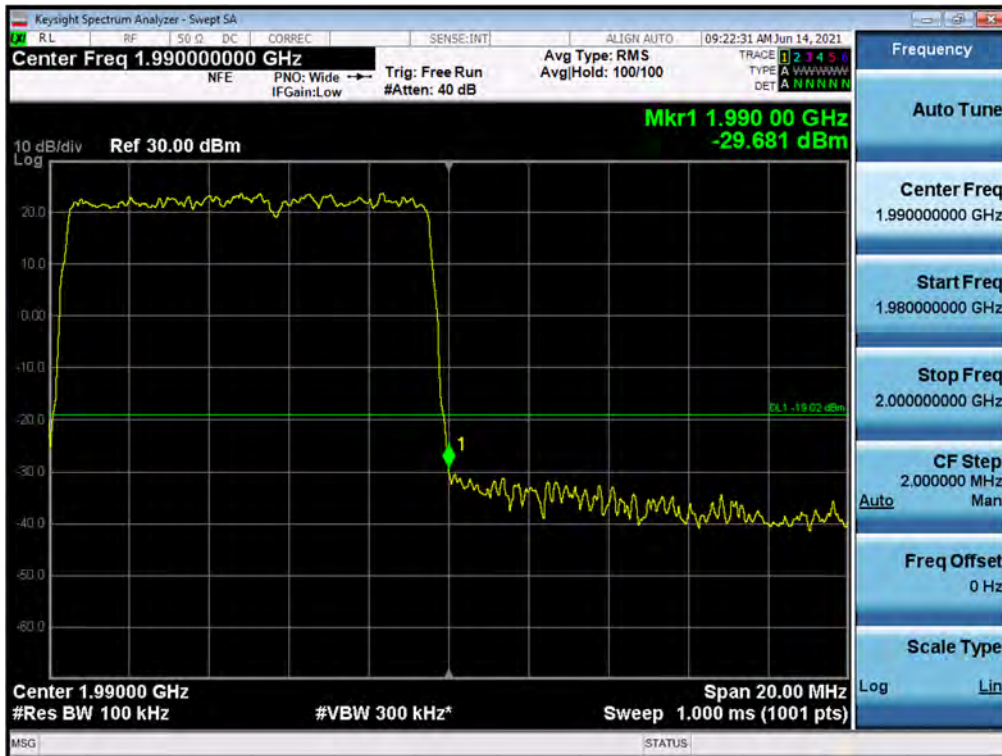
Antenna 1 / B66 DSS 10 MHz 1 Carrier / 64QAM / High



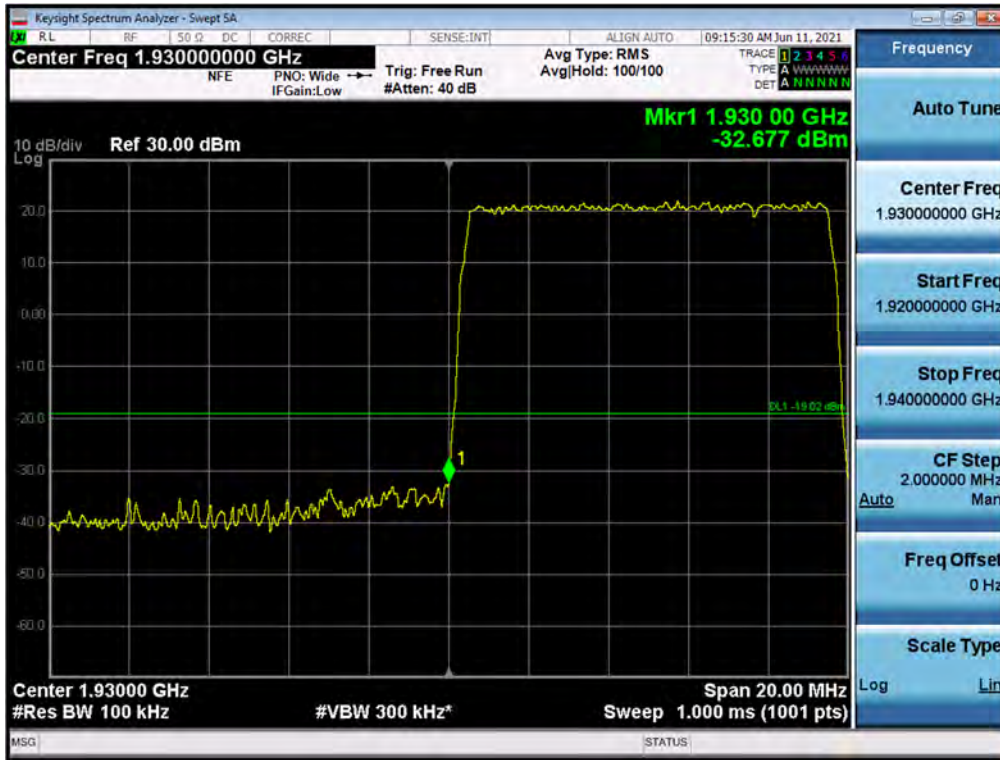
Antenna 0 / B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



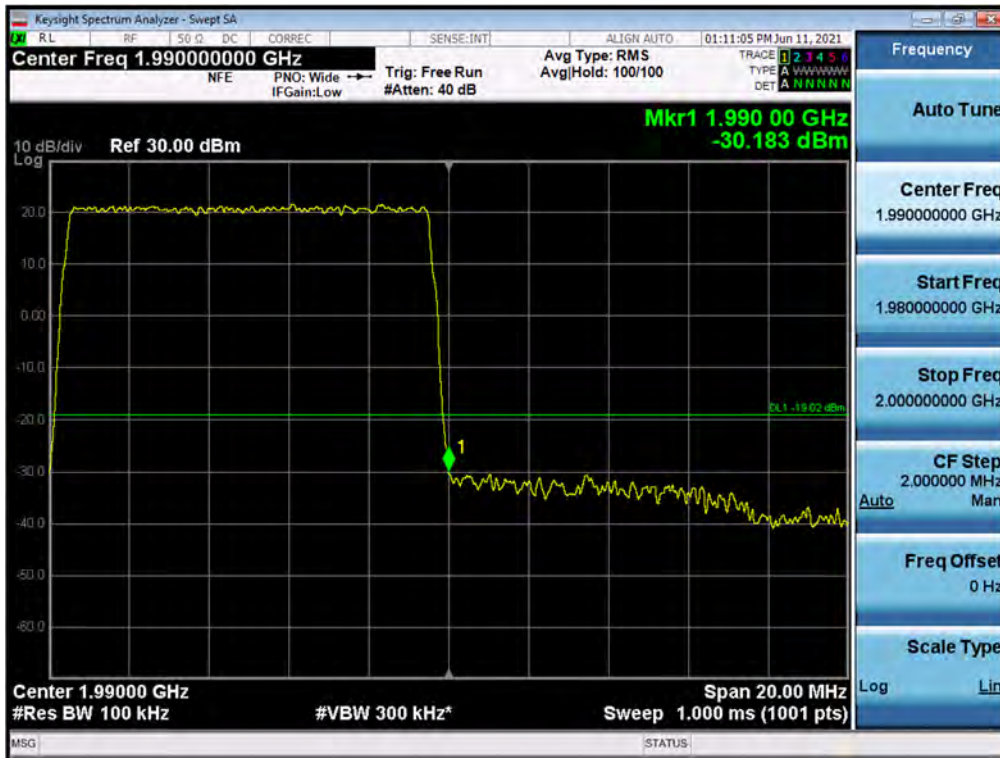
Antenna 1 / B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / High



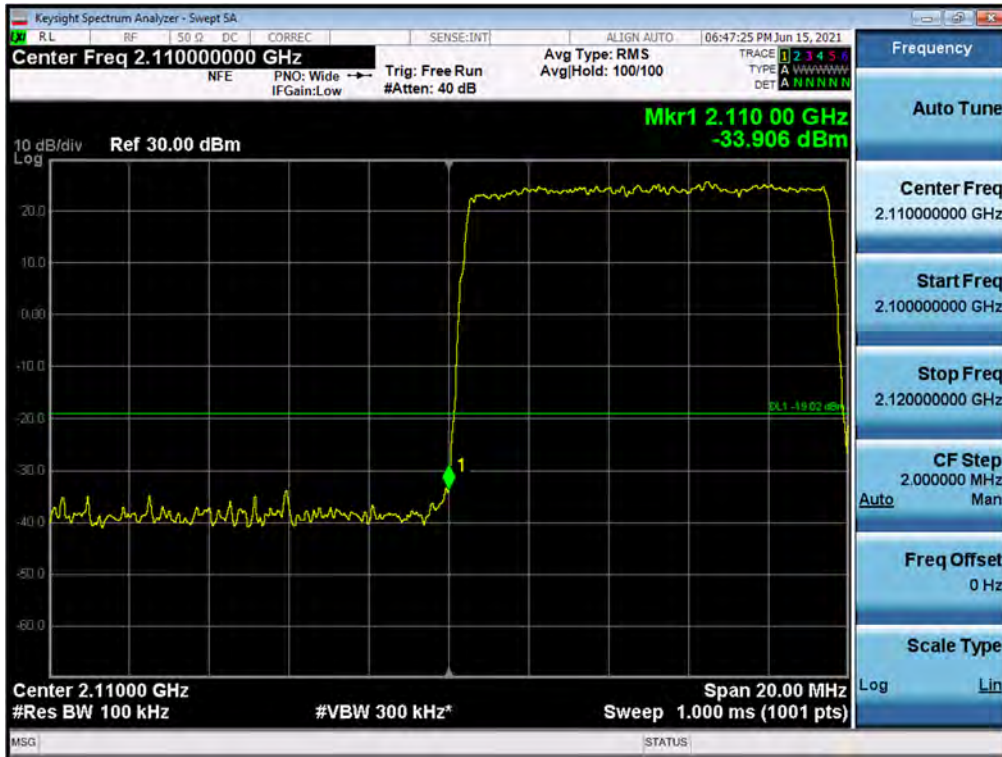
Antenna 3 / B2 LTE 10 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / Low



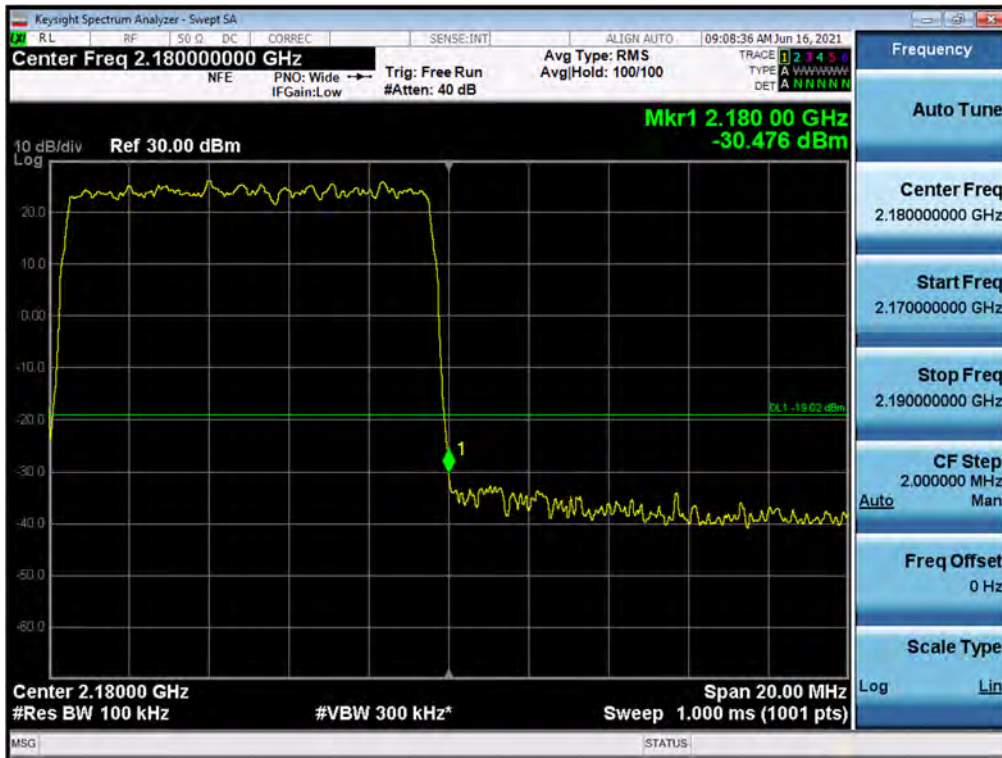
Antenna 1 / B2 LTE 10 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



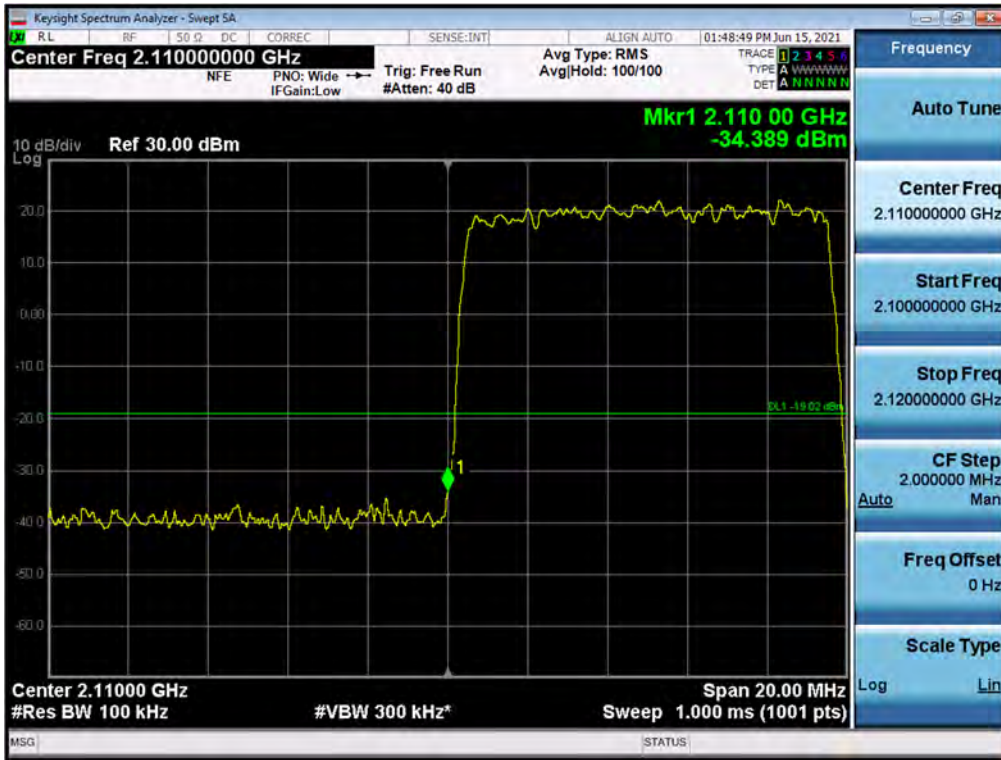
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Low



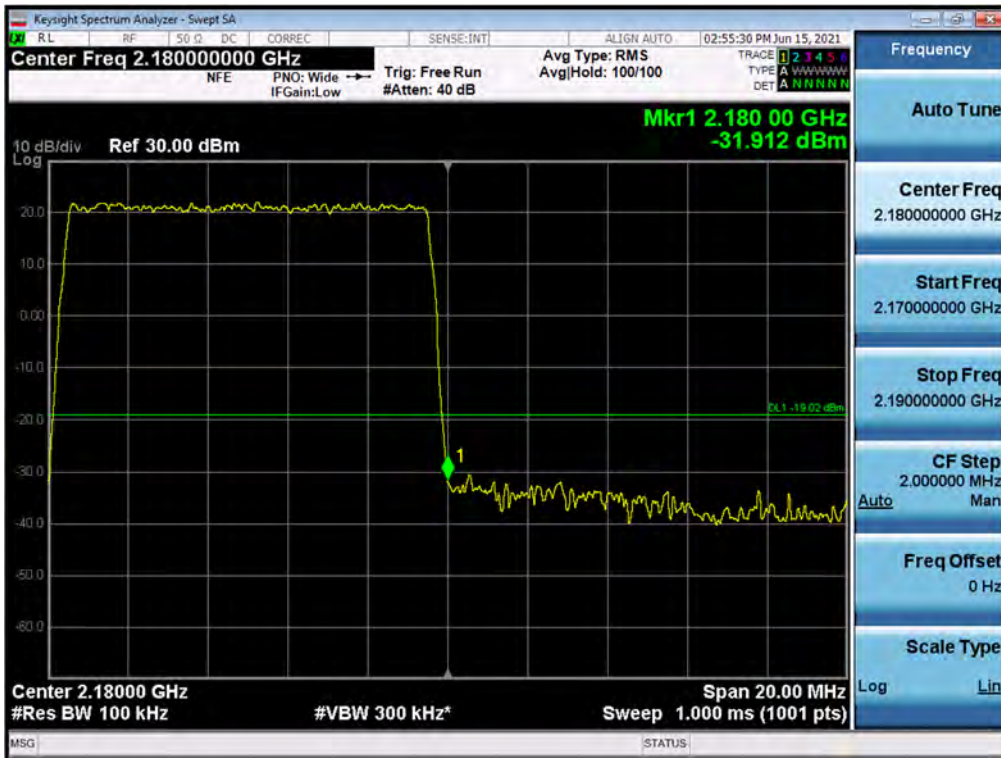
Antenna 1 / B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 64QAM / High



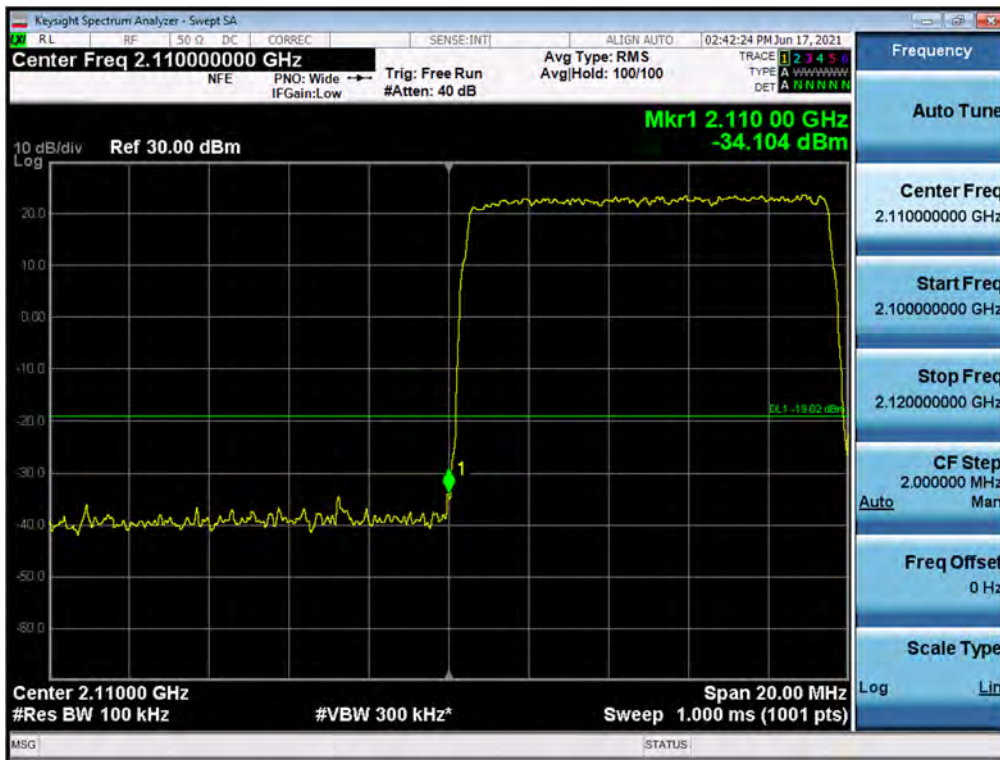
Antenna 3 / B66 DSS 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Low



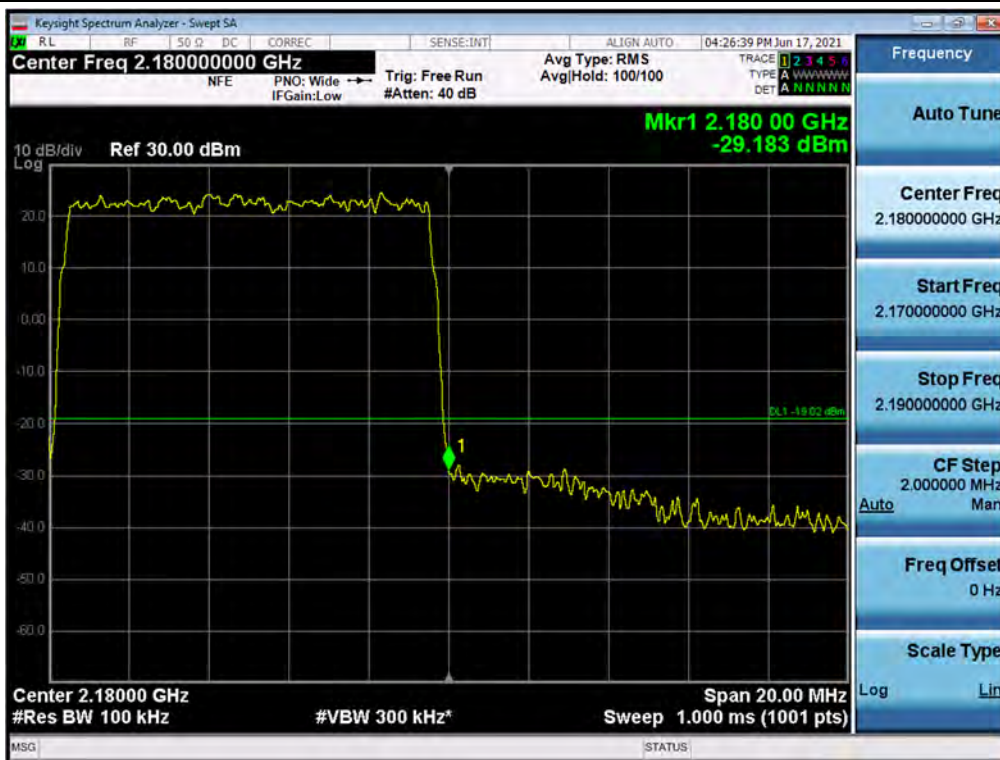
Antenna 0 / B66 DSS 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High



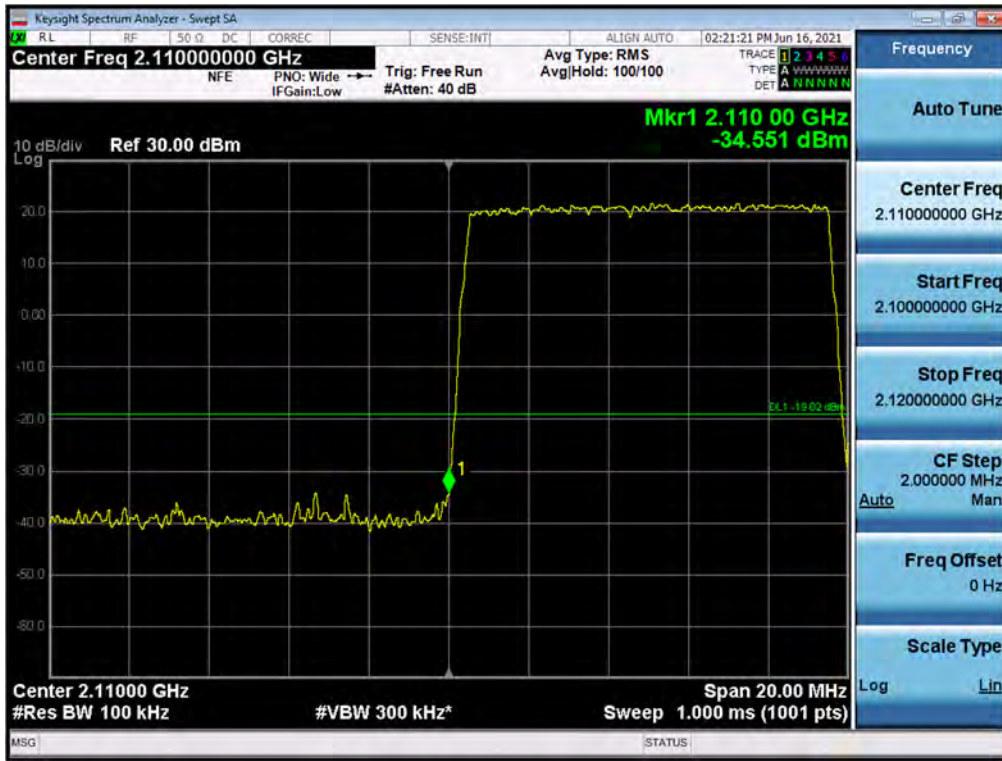
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [3 Carrier] / Contiguous / QPSK / Low



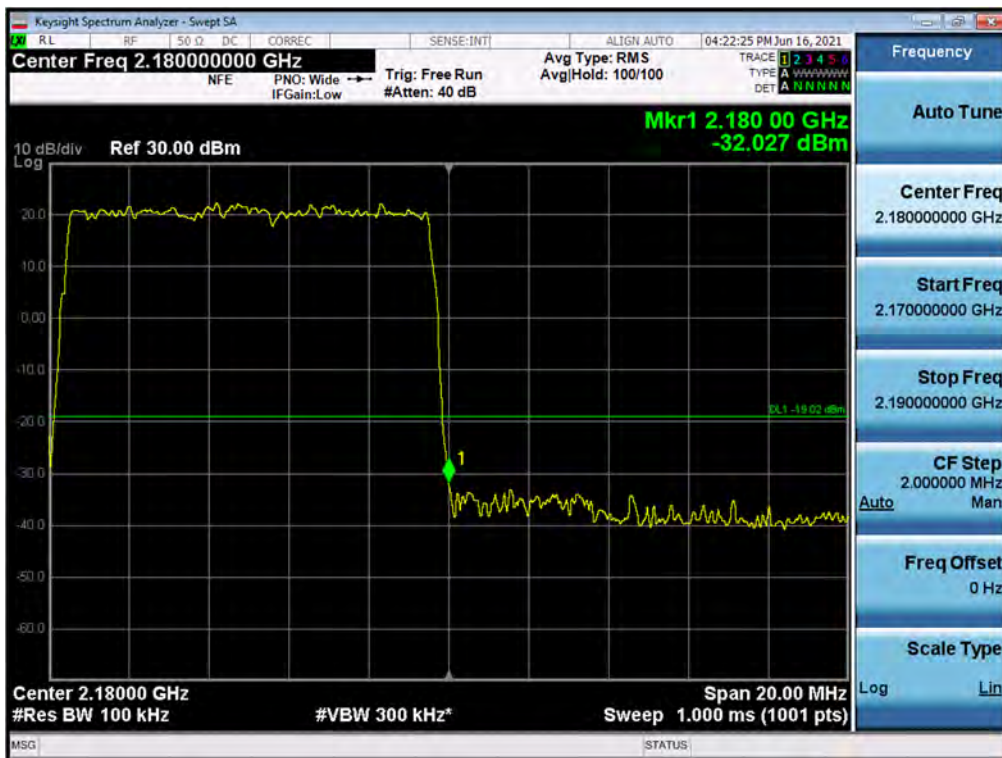
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier [3 Carrier] / Contiguous / 64QAM / High



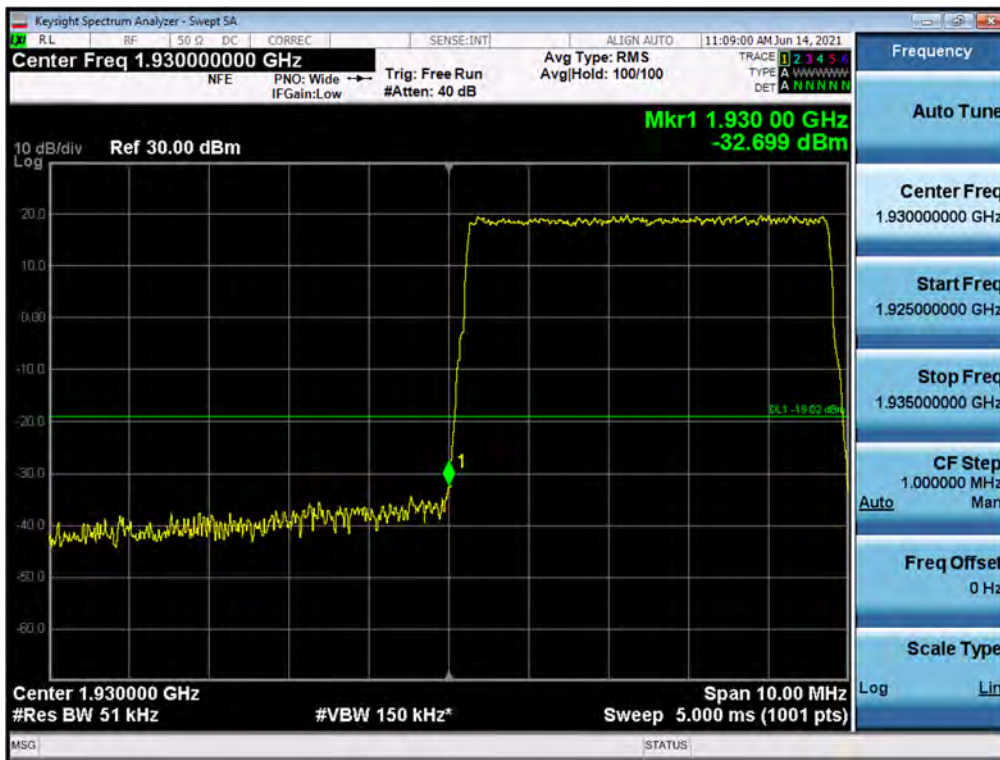
Antenna 1 / B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier [3 Carrier] / Contiguous / 16QAM / Low



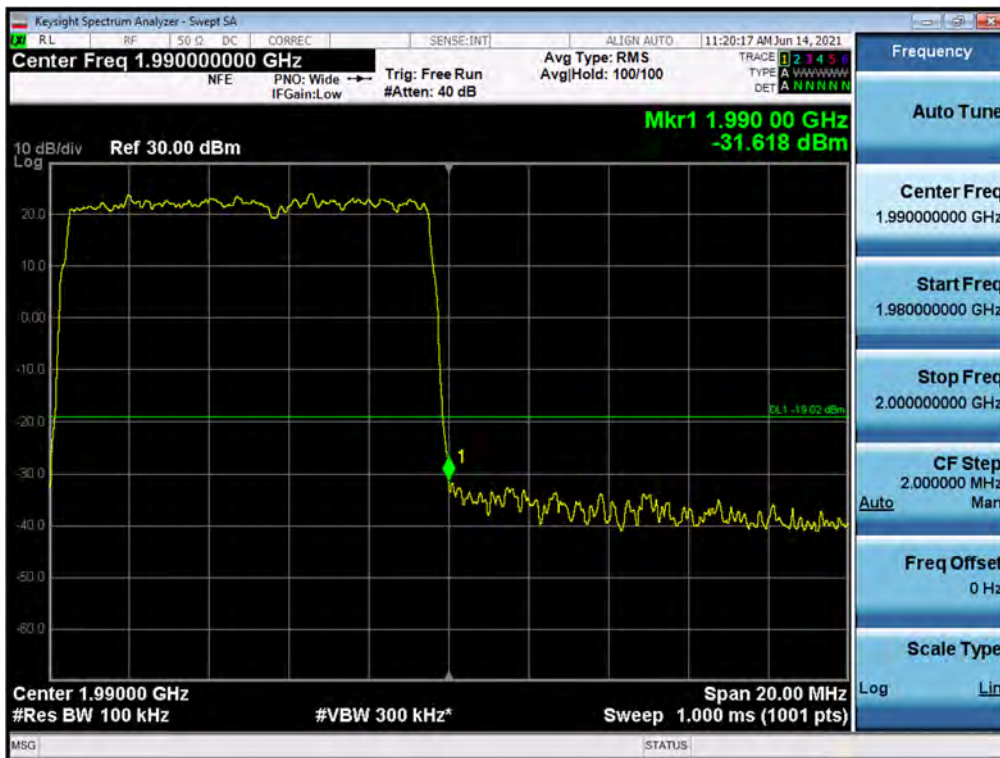
Antenna 1 / B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier [3 Carrier] / Contiguous / 64QAM / High



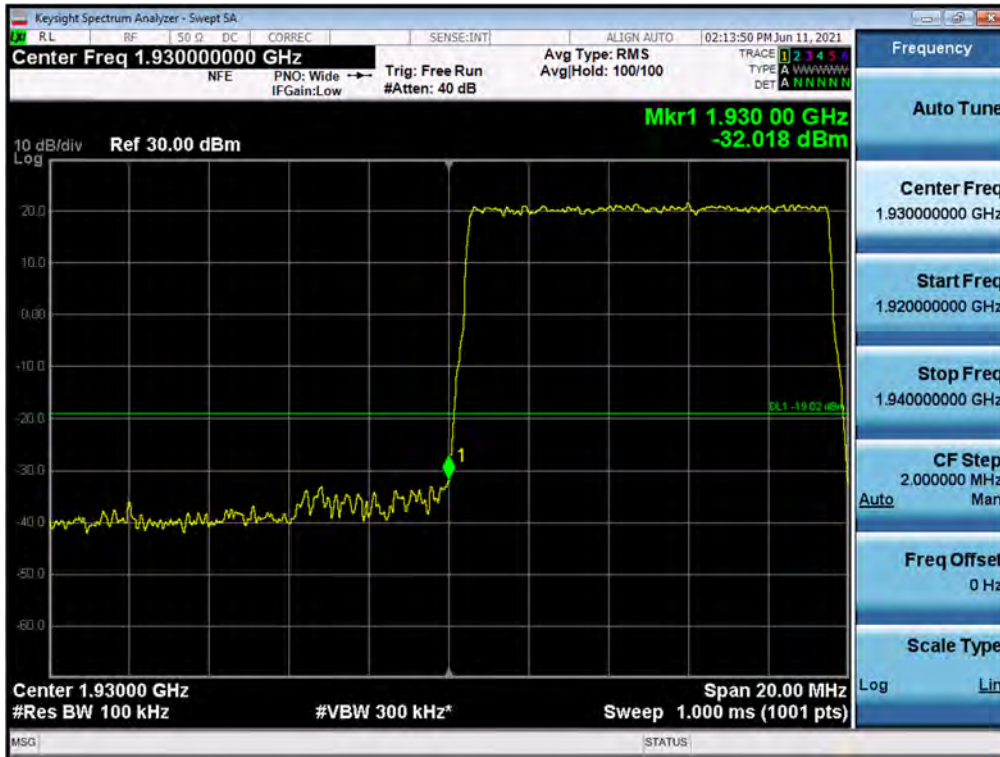
Antenna 2 / B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / Low



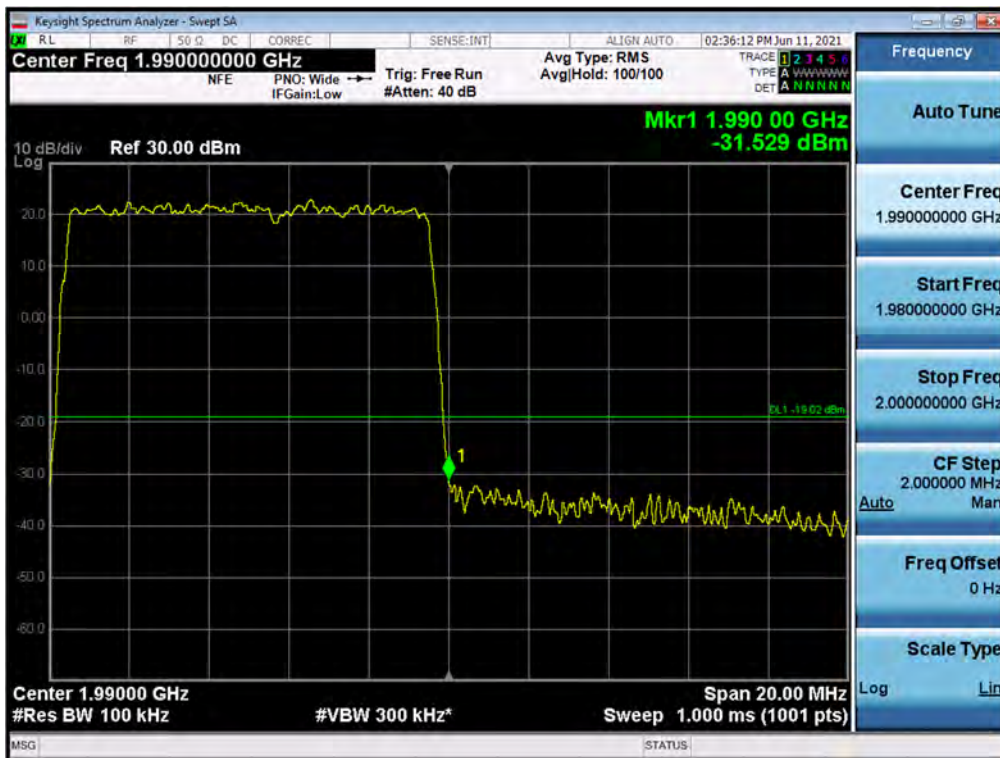
Antenna 3 / B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / High



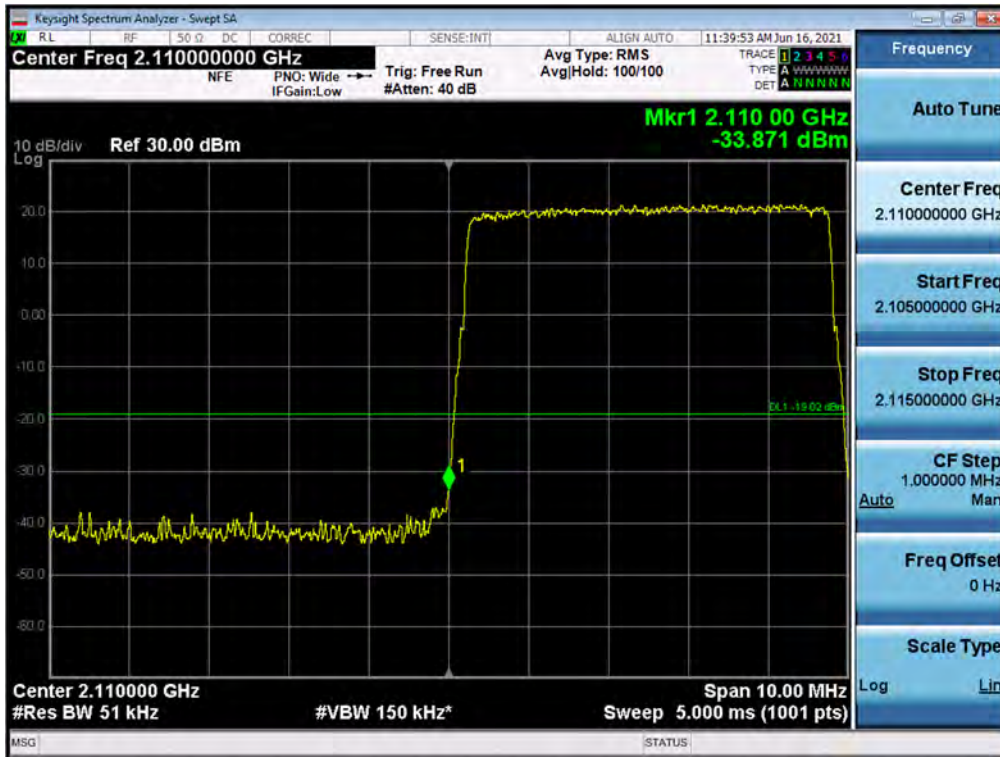
Antenna 1 / B2 LTE 10 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 256QAM / Low



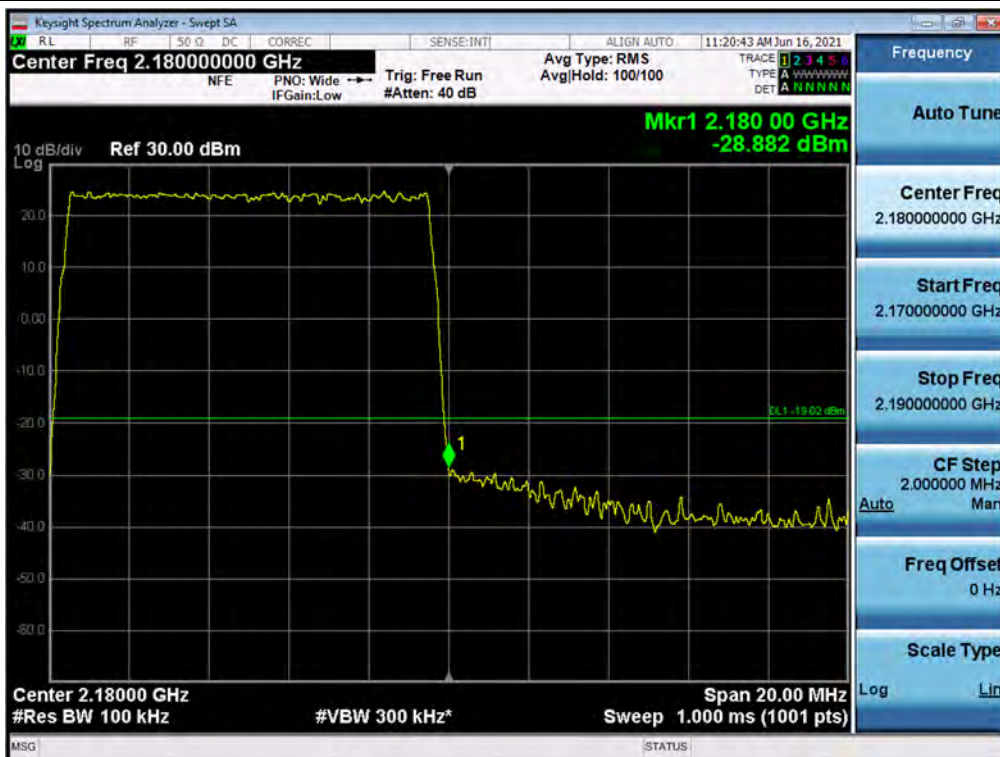
Antenna 3 / B2 LTE 10 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / High



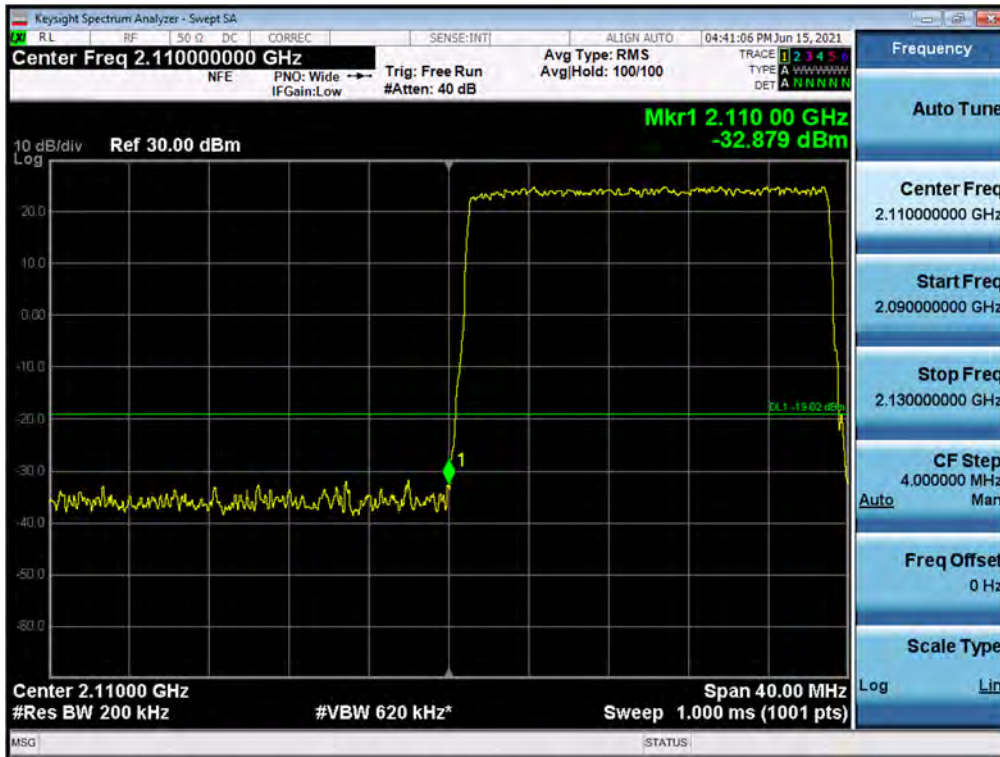
Antenna 1 / B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 64QAM / Low



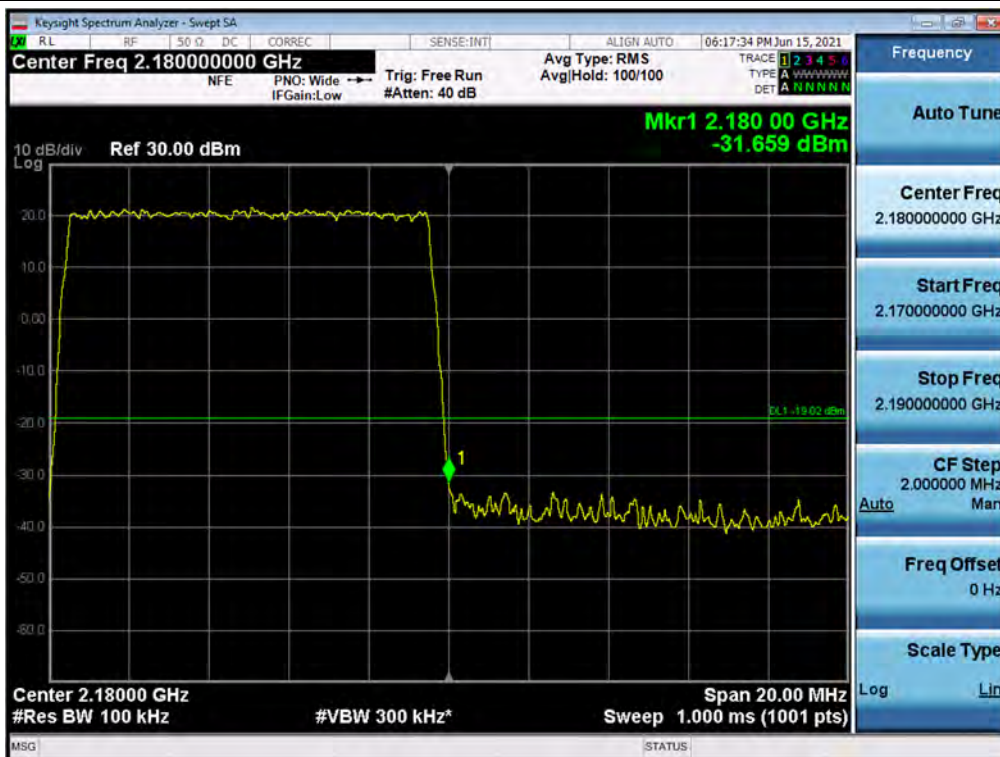
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / High



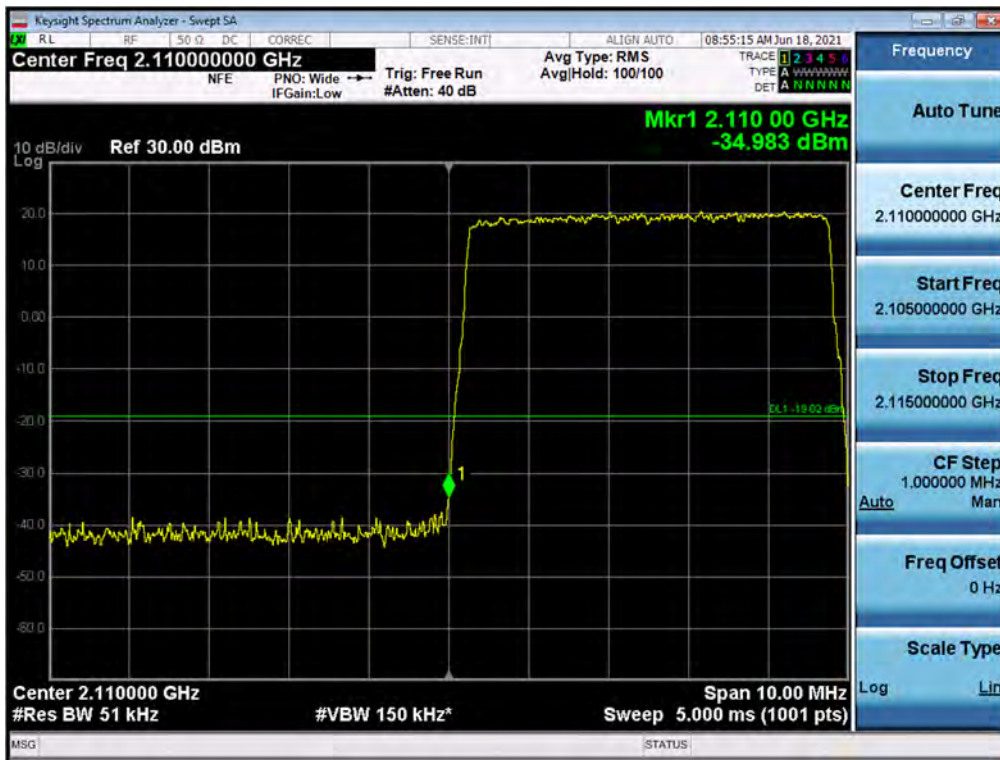
Antenna 0 / B66 DSS 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / QPSK / Low



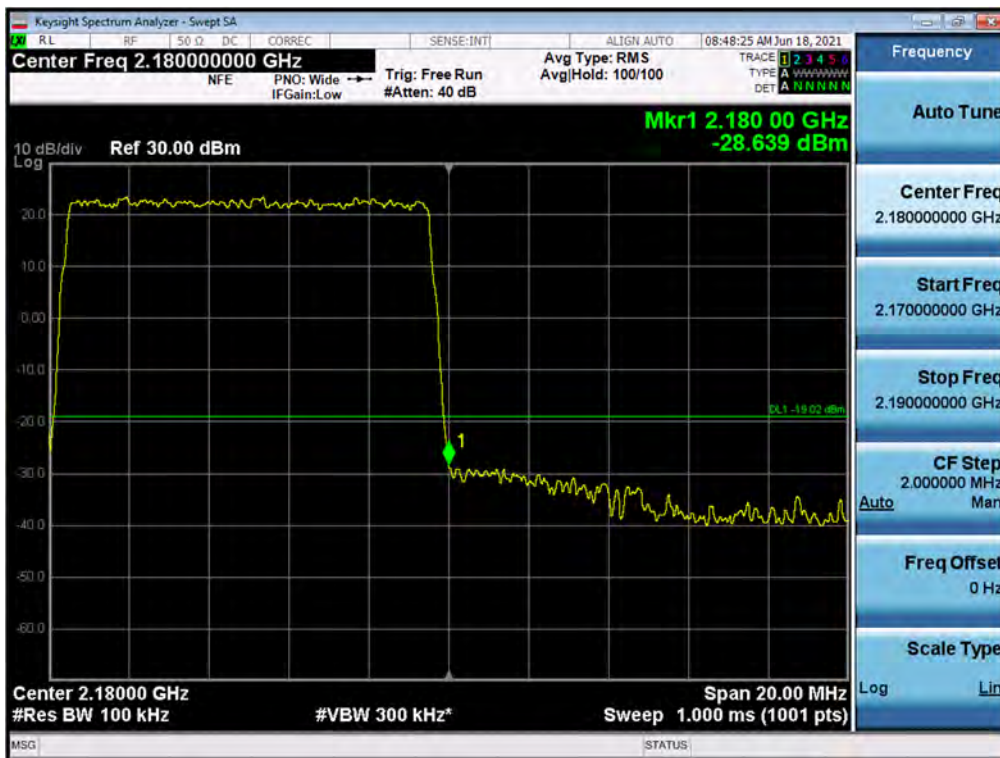
Antenna 3 / B66 DSS 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier] / Non-Contiguous / 16QAM / High



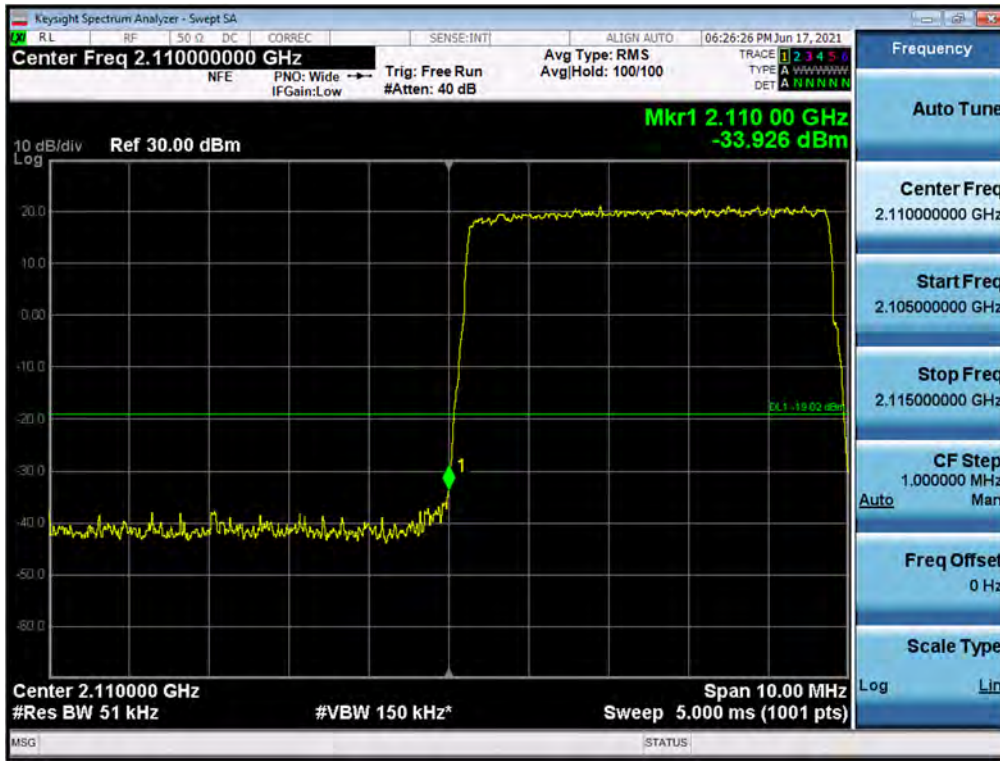
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier (1C +2C) [3 Carrier] / Non-Contiguous / 256QAM / Low



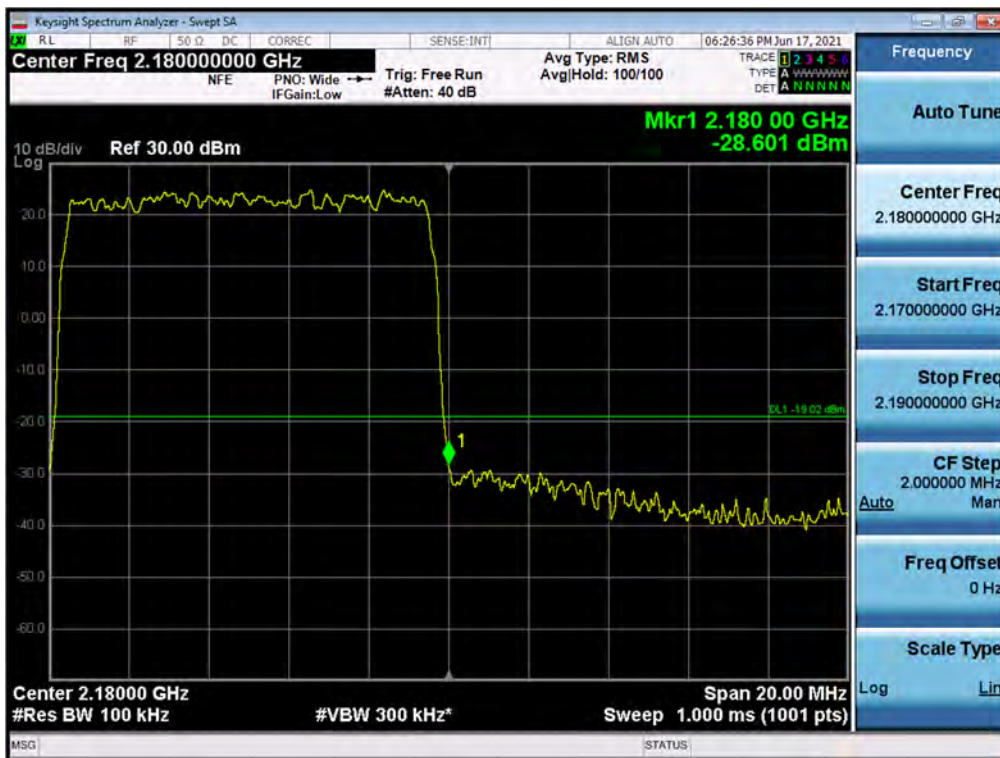
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier (1C +2C) [3 Carrier] / Non-Contiguous / 16QAM / High



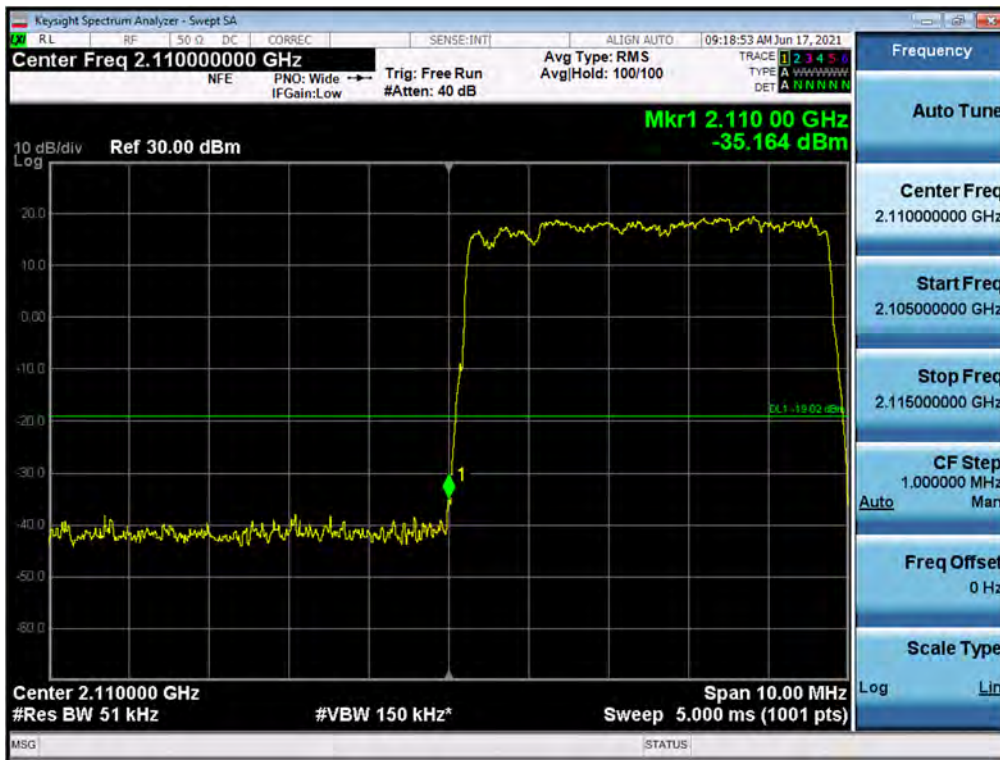
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier (2C +1C) [3 Carrier] / Non-Contiguous / 256QAM / Low



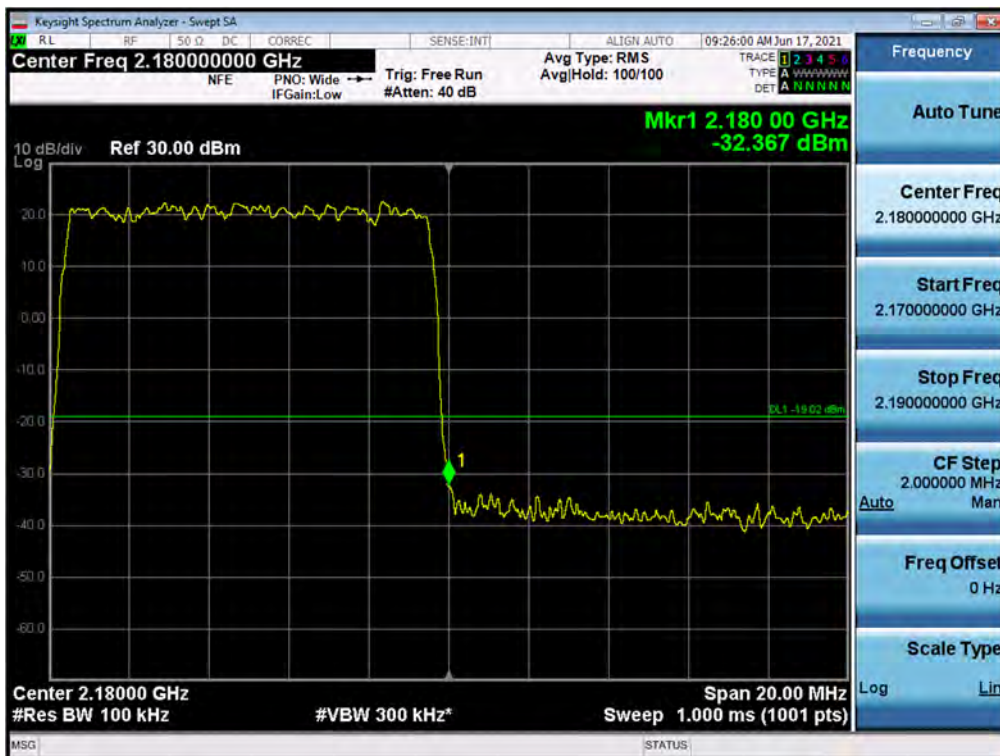
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier (2C +1C) [3 Carrier] / Non-Contiguous / 256QAM / High



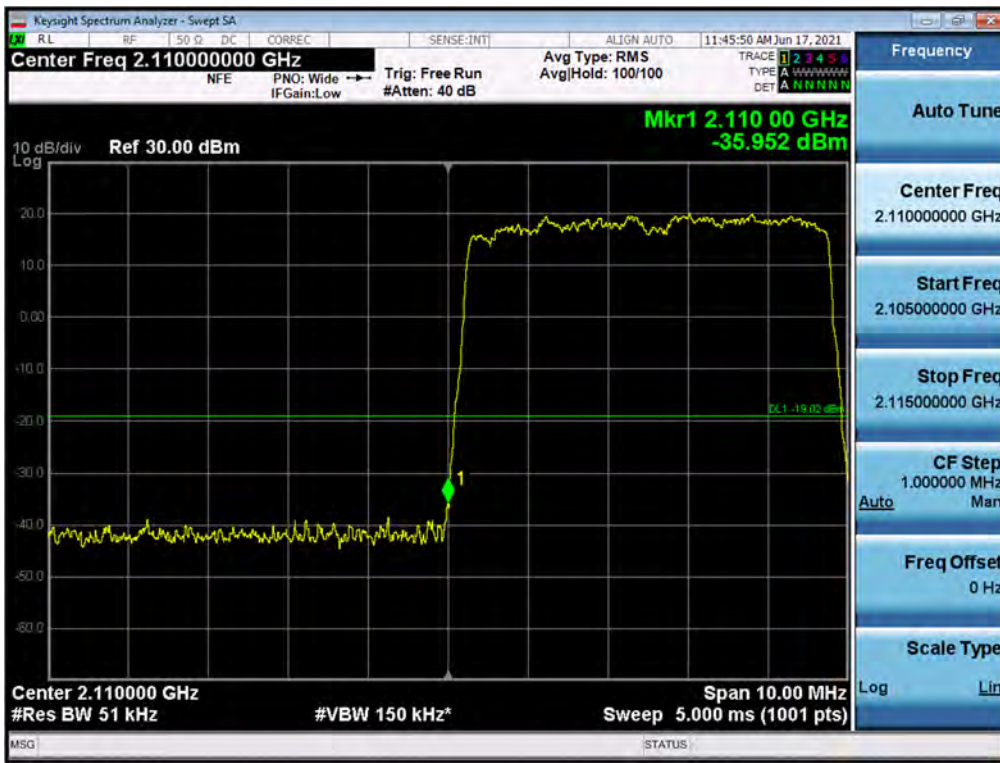
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier (1C +2C) [3 Carrier] / Non-Contiguous / 16QAM / Low



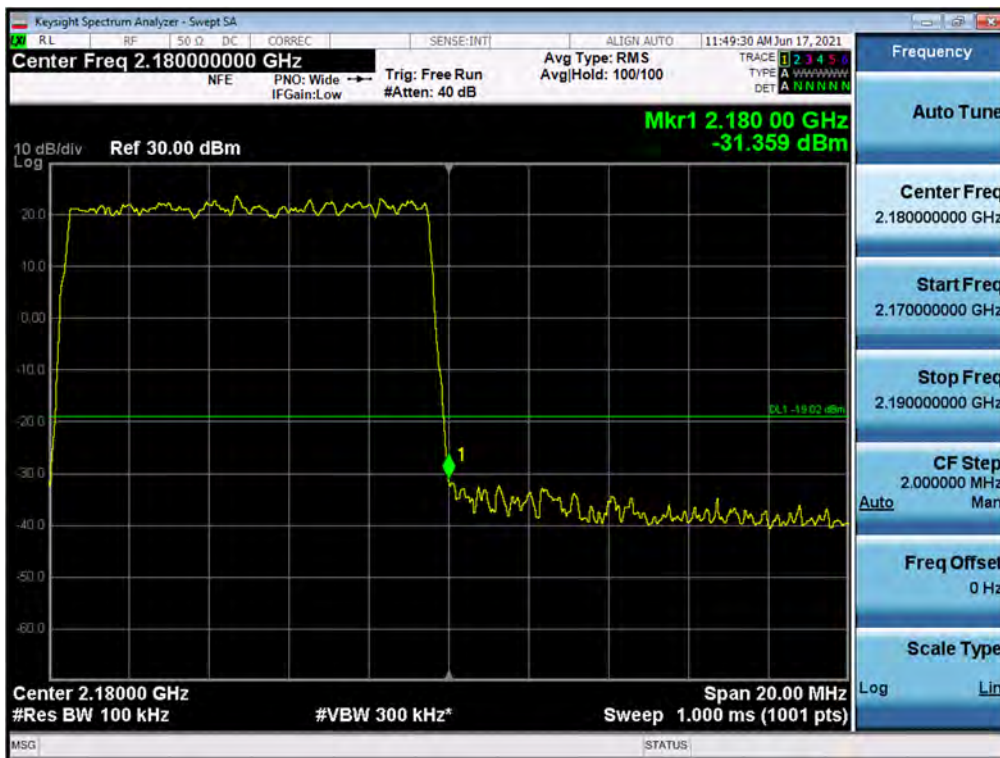
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier (1C +2C) [3 Carrier] / Non-Contiguous / 256QAM / High



Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier (2C +1C) [3 Carrier] / Non-Contiguous / 16QAM / Low



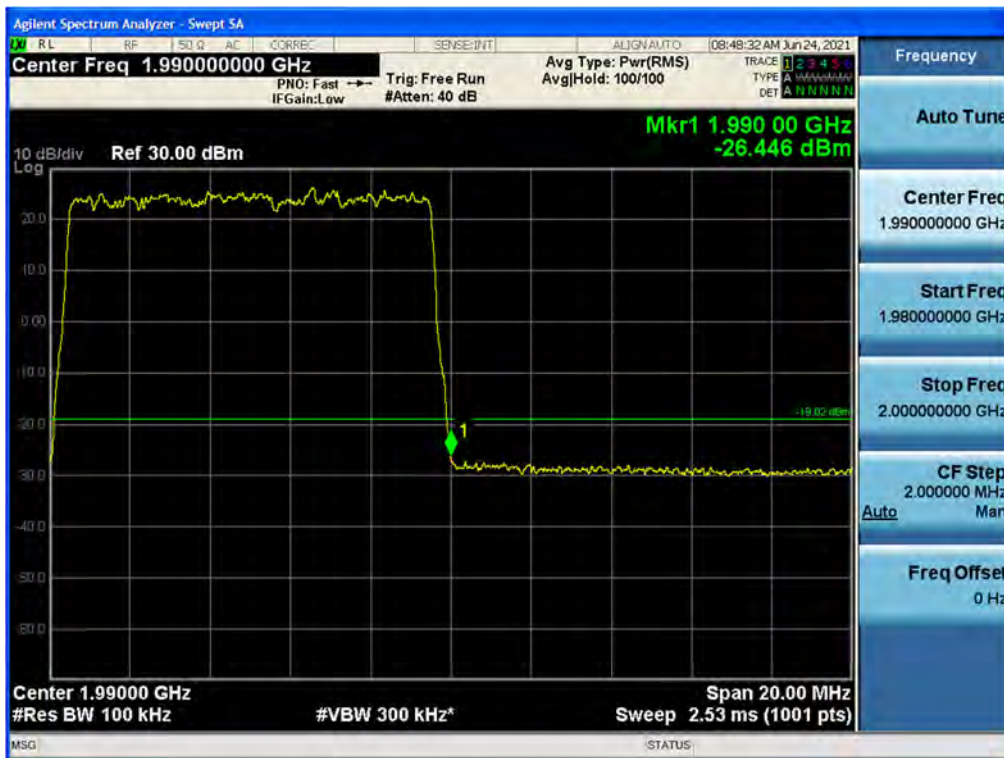
Antenna 0 / B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier (2C +1C) [3 Carrier] / Non-Contiguous / 64QAM / High



Antenna 0 / B2 LTE 10 MHz + B66 DSS 10 MHz (80W+80W)_Near / Inter Band / 64QAM / Low



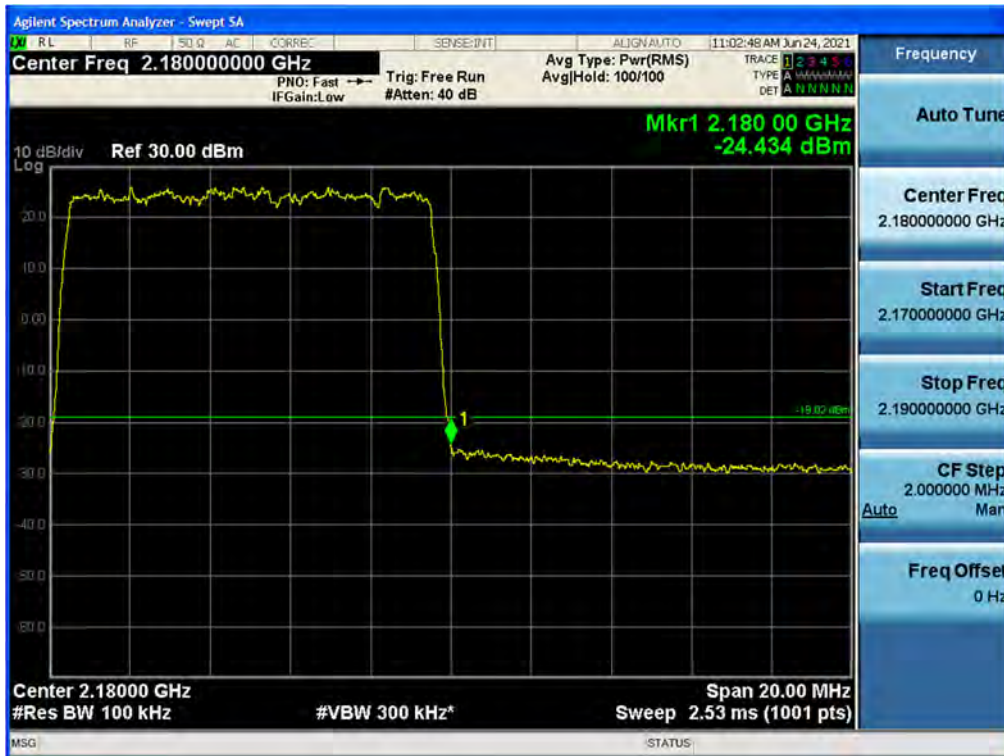
Antenna 0 / B2 LTE 10 MHz + B66 DSS 10 MHz (80W+80W)_Near / Inter Band / 16QAM / High



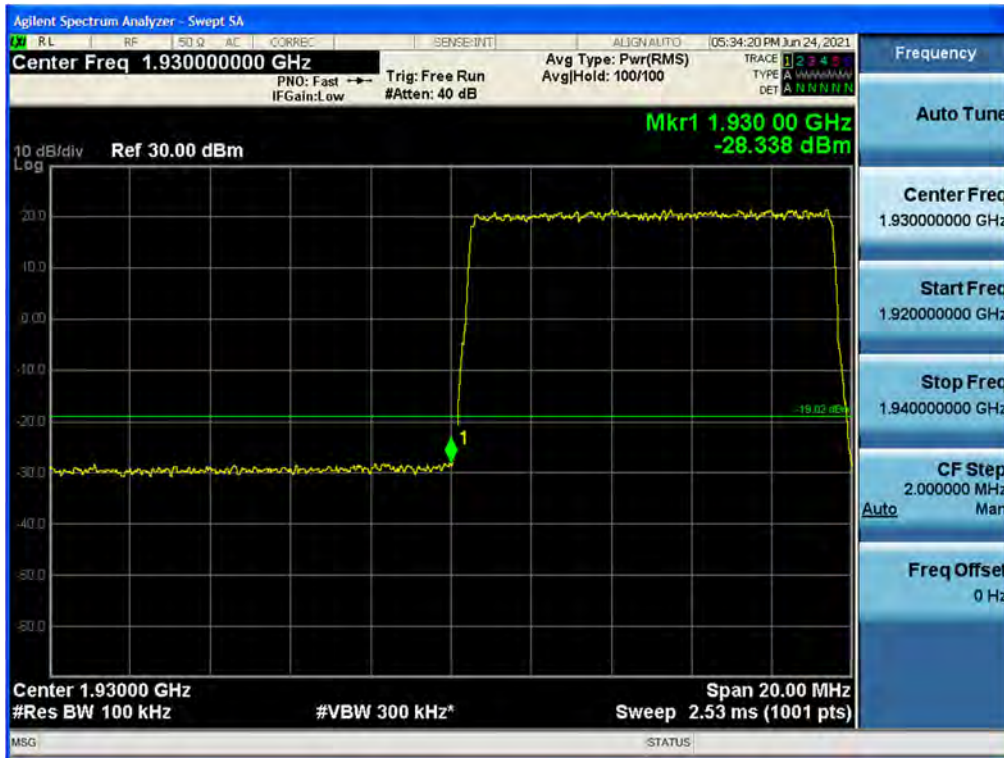
Antenna 0 / B2 LTE 10 MHz + B66 DSS 10 MHz (80W+80W)_Far / Inter Band / 16QAM / Low



Antenna 1 / B2 LTE 10 MHz + B66 DSS 10 MHz (80W+80W)_Far / Inter Band / 64QAM / High



Antenna 1 / B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (80W+80W)_PCS / Inter Band / 256QAM / Low



Antenna 0 / B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (80W+80W)_PCS / Inter Band / 16QAM / High



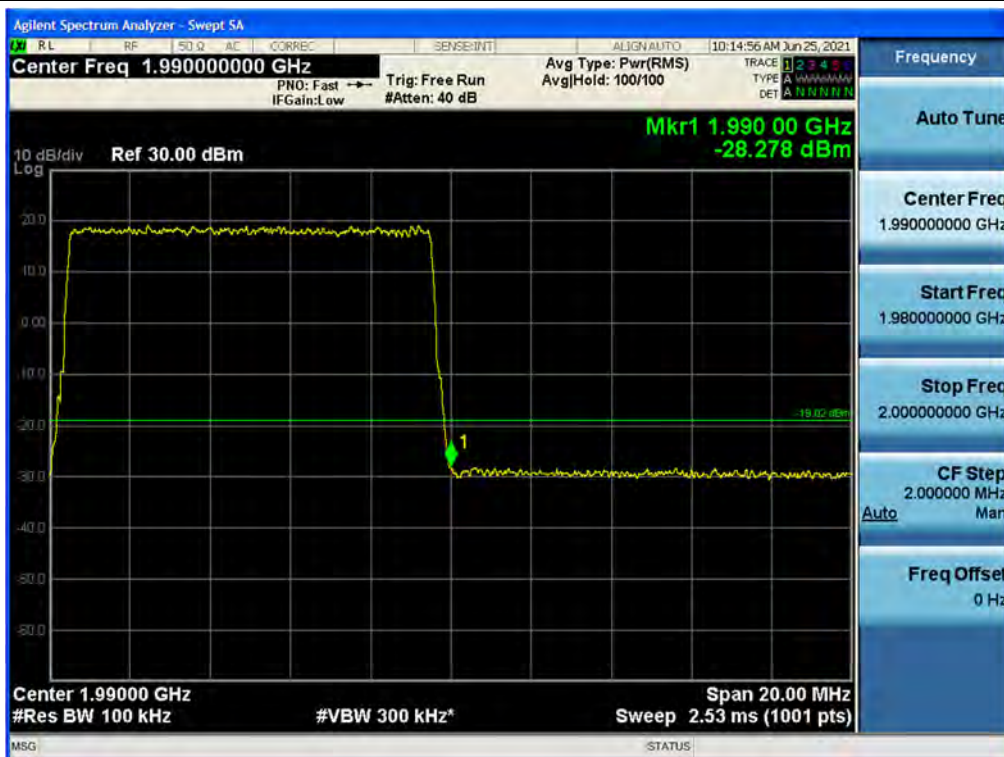
Antenna 2 / B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (80W+80W)_AWS / Inter Band / 16QAM / Low



Antenna 1 / B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (80W+80W)_AWS / Inter Band / 256QAM / High



Antenna 3 / B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (40W+120W)_PCS / Inter Band / 64QAM / Low

Antenna 3 / B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (40W+120W)_PCS / Inter Band / QPSK / High


Antenna 0 / B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (40W+120W)_AWS / Inter Band / 64QAM / Low



Antenna 0 / B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (40W+120W)_AWS / Inter Band / 16QAM / High



Antenna 3 / B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near (PCS) / Inter Band / 16QAM / High



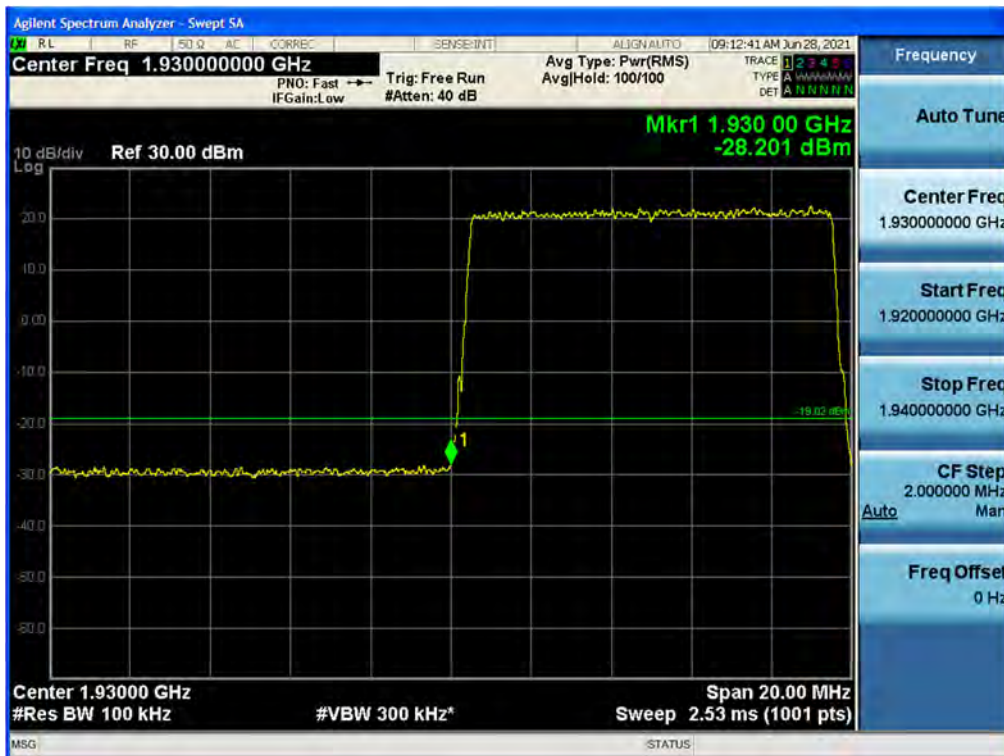
Antenna 0 / B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near (AWS) / Inter Band / 64QAM / Low



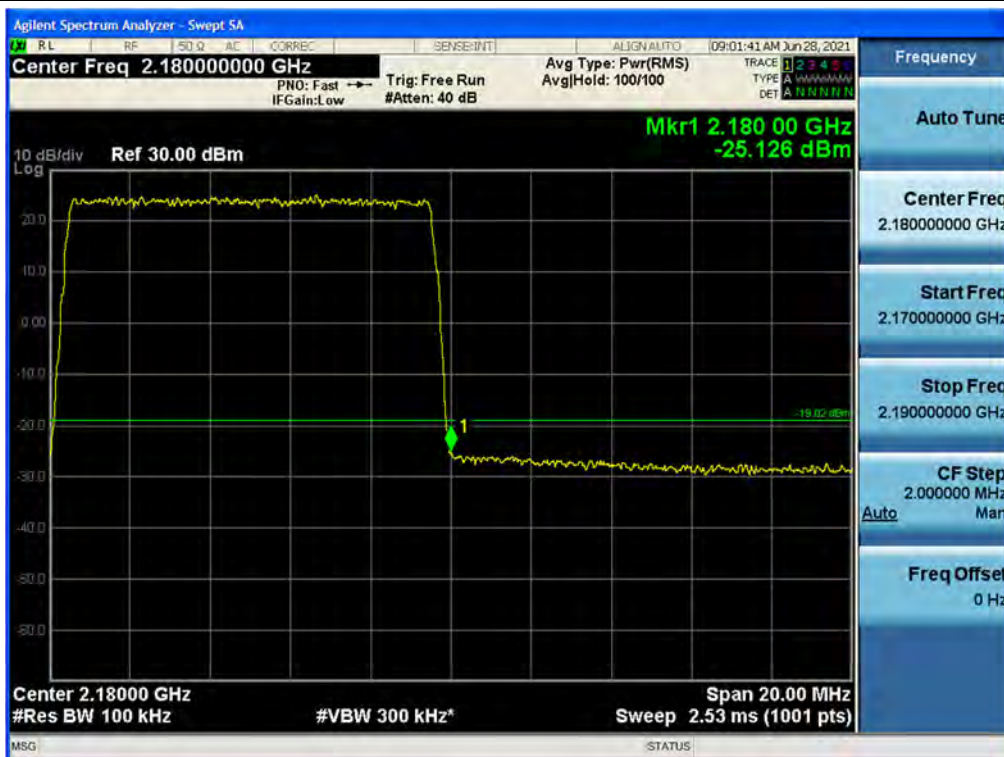
Antenna 1 / B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near (AWS) / Inter Band / QPSK / High



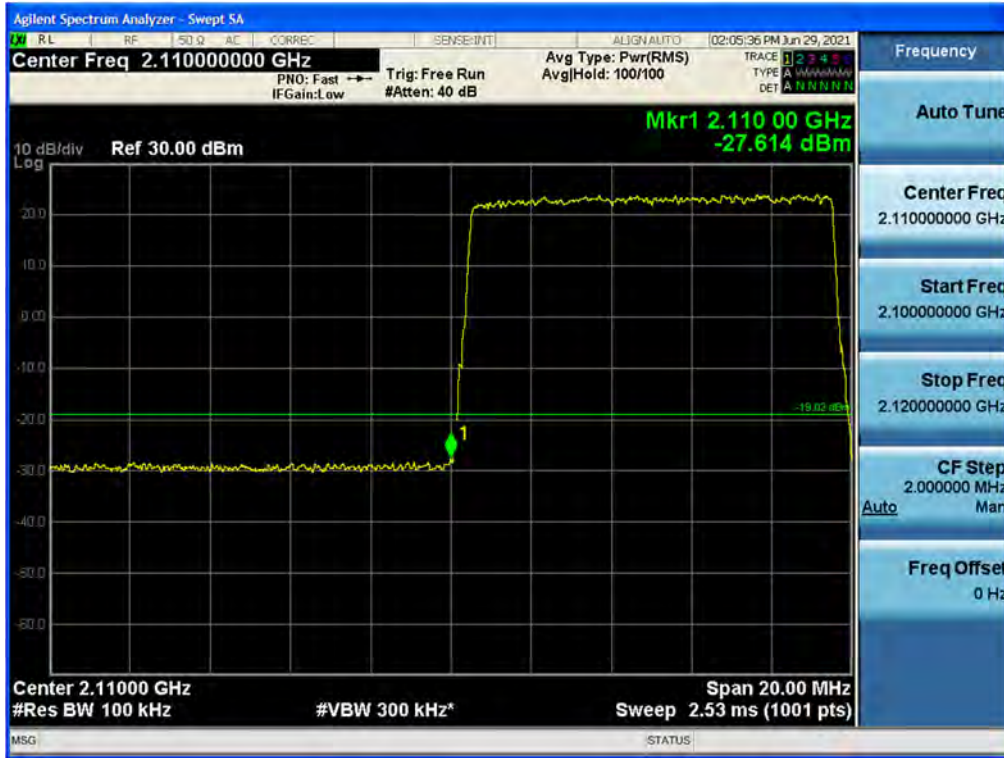
Antenna 0 / B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far (PSC) / Inter Band / 64QAM / Low



Antenna 1 / B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far (AWS) / Inter Band / 256QAM / Low

Antenna 0 / B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far (AWS) / Inter Band / QPSK / High


Antenna 2 / B2 DSS 10 MHz + B66 LTE 10 MHz (80W+80W)_Near / Inter Band / 256QAM / Low



Antenna 2 / B2 DSS 10 MHz + B66 LTE 10 MHz (80W+80W)_Near / Inter Band / QPSK / High



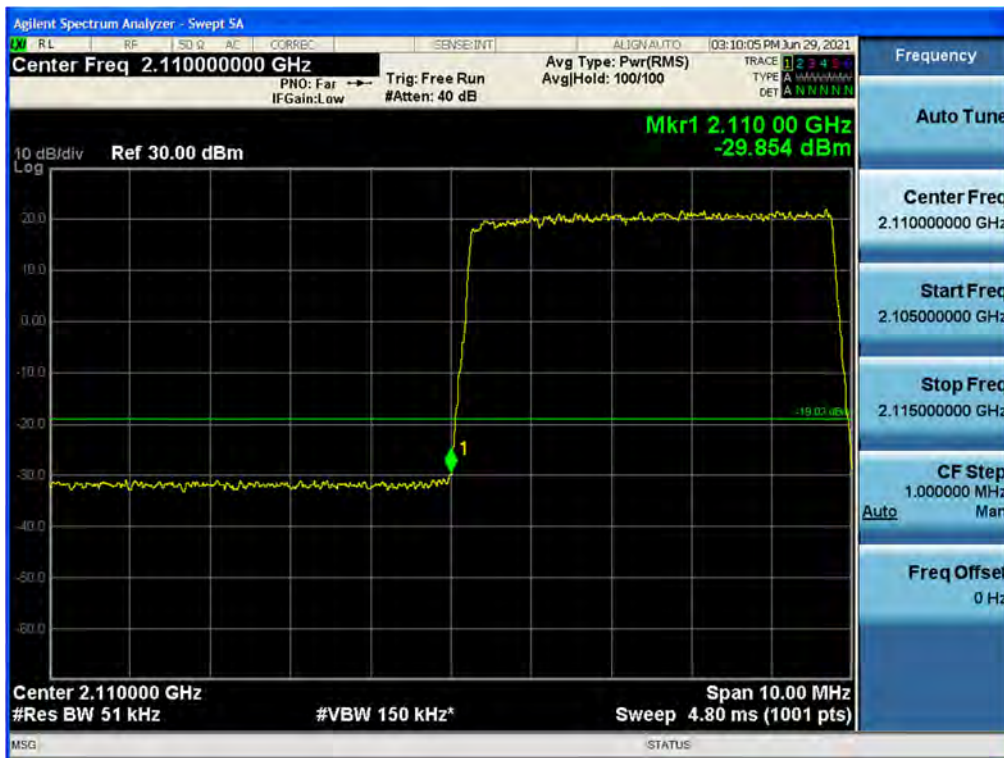
Antenna 0 / B2 DSS 10 MHz + B66 LTE 10 MHz (80W+80W)_Far / Inter Band / 16QAM / Low



Antenna 0 / B2 DSS 10 MHz + B66 LTE 10 MHz (80W+80W)_Far / Inter Band / QPSK / High



Antenna 1 / B2 DSS 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near (PCS) / Inter Band / 16QAM / High

Antenna 0 / B2 DSS 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near (AWS) / Inter Band / 256QAM / Low


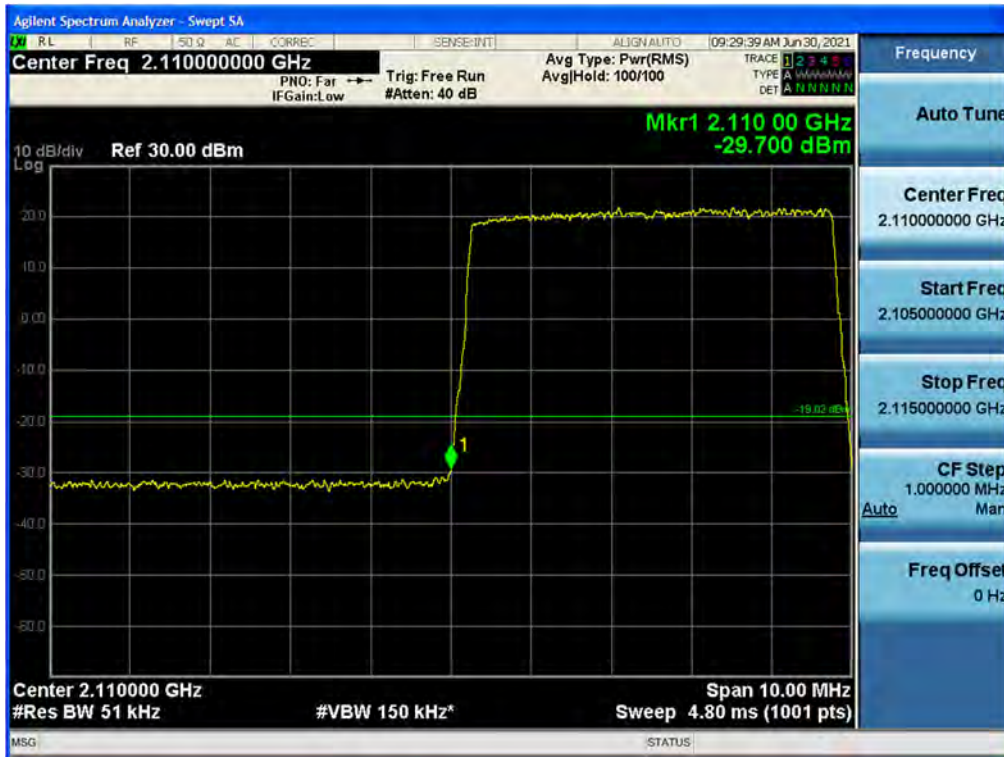
Antenna 0 / B2 DSS 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near (AWS) / Inter Band / 16QAM / High



Antenna 0 / B2 DSS 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far (PCS) / Inter Band / 256QAM / Low



Antenna 0 / B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far (AWS) / Inter Band / QPSK / Low



Antenna 0 / B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far (AWS) / Inter Band / 16QAM / 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.

§ 24.238 Emission limitations for Broadband PCS equipment.

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications 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 resolution bandwidth of 1 MHz or greater. However, 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 the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz 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.
- (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

§ 27.53 Emission limits.

(h) AWS emission limits

- (1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.
- (3) Measurement procedure.
 - (i) Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's

frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. 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.

- (ii) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the licensee's frequency block edges, both upper and lower, as the design permits.
- (iii) The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

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, $10 \log (1\ kHz / 1\ MHz) = - 30\ dB$
 - : 150 kHz to 30 MHz applied 10 kHz RBW, $10 \log (10\ kHz / 1\ MHz) = - 20\ dB$
2. Due to MIMO operations, a correction has been added to the limit according to KDB 662911 D01 v02r01.
 - 4Tx MIMO correction: $10 \log(N_{ANT}) = 10 \log(4) = 6.02\ dB // -13\ dBm - 10 * \log(4) = 19.02\ dBm$
3. 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
B2 LTE 5 MHz 1 Carrier
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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Middle	-21.582	-31.052	-35.496	-28.242	-27.610	-25.885	-21.899
16QAM	Middle	-22.009	-30.503	-35.091	-28.487	-27.414	-24.827	-21.355
64QAM	Middle	-22.286	-30.357	-35.439	-28.186	-27.388	-25.880	-22.244
256QAM	Middle	-22.523	-30.130	-35.658	-28.348	-27.614	-25.144	-22.303

B2 LTE 10 MHz 1 Carrier
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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Middle	-23.107	-31.895	-35.555	-28.103	-27.673	-25.664	-21.514
16QAM	Middle	-22.354	-30.656	-35.471	-28.423	-27.749	-25.488	-21.617
64QAM	Middle	-21.893	-31.163	-35.494	-28.296	-27.214	-25.736	-22.048
256QAM	Middle	-22.593	-32.711	-35.010	-27.949	-26.959	-26.125	-21.439

B2 LTE 15 MHz 1 Carrier
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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Middle	-21.581	-30.051	-35.202	-28.065	-27.505	-25.522	-22.074
16QAM	Middle	-21.325	-32.147	-35.302	-28.277	-27.463	-25.530	-21.610
64QAM	Middle	-21.971	-32.869	-35.745	-28.432	-27.671	-25.475	-22.024
256QAM	Middle	-22.525	-32.843	-35.113	-27.607	-26.580	-24.629	-21.654

B2 LTE 20 MHz 1 Carrier
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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Middle	-20.782	-31.519	-34.447	-28.269	-27.552	-25.744	-21.939
16QAM	Middle	-22.067	-31.275	-34.241	-28.069	-27.371	-25.837	-21.573
64QAM	Middle	-22.372	-32.697	-35.448	-27.899	-27.341	-25.500	-21.393
256QAM	Middle	-22.061	-33.864	-35.280	-27.944	-27.239	-25.974	-21.352

**B66 LTE 5 MHz 1 Carrier
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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Middle	-20.137	-29.241	-34.101	-27.589	-26.836	-24.616	-22.566
16QAM	Middle	-20.384	-29.788	-34.225	-27.619	-26.895	-24.181	-22.978
64QAM	Middle	-21.763	-30.181	-33.671	-27.626	-26.685	-24.102	-22.757
256QAM	Middle	-21.347	-29.058	-33.986	-27.652	-26.351	-24.260	-23.436

**B66 LTE 10 MHz 1 Carrier
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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Middle	-21.568	-29.771	-33.794	-27.445	-26.408	-24.559	-23.183
16QAM	Middle	-20.353	-30.113	-33.842	-27.590	-26.532	-24.286	-22.810
64QAM	Middle	-21.884	-28.570	-33.627	-27.605	-26.432	-24.578	-22.217
256QAM	Middle	-21.661	-29.138	-33.794	-27.549	-26.357	-24.067	-23.184

**B66 LTE 15 MHz 1 Carrier
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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Middle	-21.121	-30.269	-33.329	-27.635	-26.326	-24.099	-22.675
16QAM	Middle	-22.063	-31.225	-33.865	-27.600	-26.447	-24.409	-22.761
64QAM	Middle	-20.522	-29.385	-33.758	-27.599	-26.457	-24.593	-23.231
256QAM	Middle	-21.738	-30.486	-33.817	-27.393	-26.567	-24.491	-22.818

**B66 LTE 20 MHz 1 Carrier
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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Middle	-20.441	-32.145	-33.881	-27.721	-26.227	-24.734	-23.060
16QAM	Middle	-20.845	-32.023	-33.886	-27.504	-26.418	-24.389	-23.033
64QAM	Middle	-21.770	-31.130	-33.328	-27.614	-26.449	-24.793	-23.776
256QAM	Middle	-22.123	-30.840	-33.031	-27.561	-26.266	-23.528	-23.367

**B2 DSS 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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-38.681	-38.776	-38.696	-35.592	-29.083	-27.998	-27.321
	Middle	-38.832	-38.325	-38.524	-32.058	-30.655	-28.106	-25.445
	High	-38.092	-39.129	-37.867	-32.424	-34.889	-28.078	-27.207
16QAM	Low	-38.345	-38.047	-39.001	-34.840	-28.920	-28.654	-26.436
	Middle	-36.614	-39.718	-38.527	-32.086	-30.745	-28.447	-25.949
	High	-37.543	-39.302	-37.562	-32.422	-34.656	-28.153	-27.521
64QAM	Low	-39.779	-39.008	-38.943	-35.258	-29.465	-28.996	-26.777
	Middle	-37.950	-39.196	-38.106	-32.786	-30.221	-28.560	-27.237
	High	-37.684	-38.584	-38.195	-32.525	-33.843	-27.655	-27.292
256QAM	Low	-39.320	-40.074	-38.396	-35.073	-29.445	-28.505	-26.085
	Middle	-37.785	-39.179	-38.920	-31.886	-30.285	-27.992	-26.714
	High	-38.052	-38.595	-37.953	-32.640	-34.214	-28.779	-27.343

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-39.522	-40.766	-39.963	-35.422	-30.512	-29.239	-25.217
	Middle	-39.365	-40.465	-38.252	-31.650	-31.075	-29.146	-25.871
	High	-38.853	-40.170	-37.829	-33.033	-34.122	-29.901	-25.692
16QAM	Low	-38.640	-41.153	-39.715	-35.662	-30.612	-29.389	-25.361
	Middle	-37.532	-40.328	-39.133	-31.613	-30.407	-29.412	-25.868
	High	-37.429	-39.960	-40.028	-32.947	-34.613	-29.194	-25.136
64QAM	Low	-40.374	-40.745	-39.168	-35.620	-30.254	-27.647	-24.509
	Middle	-39.525	-40.924	-38.527	-32.010	-30.149	-29.532	-26.312
	High	-38.848	-40.294	-38.920	-33.234	-34.755	-28.940	-25.137
256QAM	Low	-39.516	-41.145	-39.628	-36.085	-30.812	-29.325	-25.111
	Middle	-37.923	-39.943	-39.356	-32.079	-30.800	-28.326	-26.376
	High	-39.424	-41.137	-38.698	-32.326	-34.349	-29.119	-25.250

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-39.968	-39.667	-39.880	-34.748	-30.203	-29.760	-20.705
	Middle	-39.465	-39.985	-39.051	-31.042	-30.320	-28.710	-20.743
	High	-37.997	-39.215	-39.621	-32.426	-34.419	-29.119	-20.367
16QAM	Low	-38.234	-41.092	-39.060	-35.515	-30.248	-28.544	-20.298
	Middle	-37.929	-40.053	-39.065	-32.359	-30.099	-29.685	-20.926
	High	-36.684	-40.053	-39.115	-32.978	-34.827	-29.843	-20.572
64QAM	Low	-40.027	-39.631	-39.792	-35.441	-29.931	-29.467	-20.829
	Middle	-38.510	-40.409	-38.974	-32.058	-30.012	-29.597	-21.862
	High	-37.886	-39.668	-39.301	-32.234	-34.575	-28.309	-21.045
256QAM	Low	-38.934	-39.960	-39.262	-35.037	-30.124	-29.839	-21.087
	Middle	-37.833	-40.185	-39.200	-31.142	-30.639	-29.519	-20.858
	High	-37.704	-39.264	-39.564	-32.838	-34.677	-29.463	-20.290

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-38.902	-40.790	-39.171	-35.938	-29.259	-29.234	-22.123
	Middle	-39.316	-39.021	-39.540	-32.470	-29.979	-27.056	-22.602
	High	-38.581	-39.816	-38.339	-33.279	-35.203	-28.193	-23.690
16QAM	Low	-38.550	-40.363	-39.387	-35.334	-30.087	-28.961	-23.376
	Middle	-37.828	-40.406	-38.645	-32.468	-29.993	-28.728	-23.686
	High	-36.510	-40.206	-39.435	-33.085	-34.134	-29.331	-22.762
64QAM	Low	-39.463	-41.561	-39.809	-35.451	-29.502	-29.474	-22.950
	Middle	-38.268	-40.051	-39.397	-32.751	-30.861	-29.456	-21.659
	High	-39.058	-39.519	-39.761	-33.078	-35.247	-29.008	-22.589
256QAM	Low	-38.487	-40.651	-39.017	-35.323	-29.630	-29.235	-23.347
	Middle	-38.864	-40.024	-38.928	-32.768	-30.758	-29.622	-23.985
	High	-38.284	-40.805	-39.542	-32.431	-35.116	-29.382	-21.969

**B66 DSS 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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-36.410	-38.304	-37.561	-34.598	-30.854	-28.783	-26.040
	Middle	-36.895	-38.261	-37.555	-33.729	-29.312	-27.918	-26.731
	High	-36.386	-37.786	-38.404	-33.591	-34.084	-28.801	-26.496
16QAM	Low	-36.864	-38.688	-38.174	-34.355	-29.974	-28.708	-25.340
	Middle	-37.130	-38.354	-37.738	-34.387	-29.932	-28.089	-26.651
	High	-36.977	-38.270	-38.184	-34.359	-34.123	-28.763	-26.018
64QAM	Low	-37.019	-38.639	-37.830	-34.613	-30.737	-28.101	-26.642
	Middle	-35.302	-38.320	-37.004	-33.681	-29.980	-28.428	-26.561
	High	-36.213	-37.875	-37.931	-33.116	-34.563	-27.644	-27.815
256QAM	Low	-37.268	-38.516	-38.520	-34.579	-30.203	-28.157	-26.697
	Middle	-35.378	-38.443	-38.335	-34.618	-30.064	-28.356	-25.971
	High	-37.065	-38.827	-37.908	-33.843	-34.299	-28.516	-26.449

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-37.446	-39.348	-38.320	-33.620	-30.683	-28.129	-24.411
	Middle	-37.704	-39.099	-37.387	-32.720	-29.306	-28.779	-26.397
	High	-37.084	-38.276	-38.751	-33.031	-33.996	-28.921	-25.948
16QAM	Low	-36.739	-38.570	-38.418	-34.355	-30.724	-28.154	-25.618
	Middle	-35.908	-37.293	-39.028	-32.965	-29.629	-28.285	-24.306
	High	-37.529	-39.248	-37.977	-34.285	-33.849	-28.549	-24.809
64QAM	Low	-36.600	-37.946	-38.573	-34.702	-30.404	-28.764	-26.133
	Middle	-36.164	-38.748	-38.297	-33.872	-28.866	-29.063	-25.180
	High	-36.308	-38.729	-37.759	-32.815	-34.251	-28.780	-26.205
256QAM	Low	-35.620	-39.017	-36.597	-34.617	-31.053	-28.169	-25.996
	Middle	-35.192	-38.416	-37.805	-32.256	-27.811	-29.571	-26.799
	High	-36.551	-38.522	-37.860	-33.647	-33.790	-28.506	-26.075

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-38.517	-39.341	-39.091	-34.277	-31.380	-29.309	-20.871
	Middle	-36.920	-38.752	-38.012	-33.705	-29.787	-28.175	-20.339
	High	-37.630	-39.678	-38.459	-33.352	-34.321	-29.021	-21.464
16QAM	Low	-37.984	-39.675	-38.588	-33.984	-31.996	-29.311	-20.805
	Middle	-37.816	-39.720	-39.386	-33.807	-30.351	-29.586	-20.365
	High	-37.889	-39.129	-38.773	-33.143	-33.350	-30.187	-20.177
64QAM	Low	-35.873	-39.601	-38.390	-34.136	-31.491	-27.811	-20.670
	Middle	-36.426	-39.459	-39.114	-34.556	-30.896	-29.297	-21.301
	High	-35.982	-39.525	-37.903	-34.505	-33.742	-28.753	-20.894
256QAM	Low	-36.902	-39.777	-38.089	-34.630	-31.181	-29.180	-21.766
	Middle	-37.341	-38.758	-38.314	-34.125	-30.504	-28.622	-21.324
	High	-35.811	-39.130	-38.502	-33.066	-34.162	-28.921	-21.231

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-37.989	-40.478	-38.457	-34.235	-31.284	-28.818	-23.067
	Middle	-37.496	-39.817	-36.782	-35.095	-31.478	-29.190	-23.322
	High	-38.020	-40.543	-38.402	-34.256	-33.812	-29.399	-21.282
16QAM	Low	-38.511	-39.612	-38.312	-34.619	-31.522	-28.513	-22.144
	Middle	-36.878	-40.134	-38.392	-34.531	-30.757	-28.180	-23.483
	High	-36.309	-40.204	-39.092	-34.256	-34.643	-28.116	-22.791
64QAM	Low	-37.067	-40.699	-37.948	-34.027	-31.094	-29.081	-20.970
	Middle	-38.082	-39.545	-38.222	-34.534	-30.109	-27.776	-23.683
	High	-37.904	-39.393	-36.151	-34.232	-34.816	-29.642	-23.118
256QAM	Low	-37.739	-40.175	-38.380	-34.476	-31.732	-28.544	-22.838
	Middle	-36.617	-40.237	-38.423	-34.197	-30.729	-28.939	-23.435
	High	-37.405	-40.480	-38.198	-33.593	-34.616	-28.604	-21.960

Tabular Data of Contiguous Spurious Unwanted Emissions
**B2 LTE 5 MHz 1 Carrier + B2 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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-40.145	-37.857	-38.180	-35.772	-29.127	-28.532	-26.498
	Middle	-38.732	-40.078	-38.478	-31.683	-29.487	-28.568	-26.976
	High	-38.818	-38.720	-38.395	-32.985	-33.819	-29.129	-26.591
16QAM	Low	-40.117	-38.429	-39.335	-34.877	-29.127	-28.028	-26.934
	Middle	-38.221	-37.677	-38.662	-31.890	-30.249	-28.444	-26.867
	High	-37.991	-39.269	-39.189	-32.867	-34.199	-27.910	-26.496
64QAM	Low	-40.100	-39.105	-39.065	-35.312	-29.603	-27.907	-26.599
	Middle	-39.214	-39.346	-38.313	-31.610	-29.437	-28.870	-27.076
	High	-39.424	-38.359	-39.286	-32.823	-34.813	-28.100	-26.418
256QAM	Low	-40.385	-37.875	-38.408	-35.760	-30.121	-28.917	-27.315
	Middle	-39.864	-37.811	-39.046	-31.384	-29.932	-28.380	-27.004
	High	-38.953	-38.574	-38.891	-32.205	-34.799	-28.059	-26.252

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-40.202	-42.180	-39.269	-35.145	-30.569	-28.520	-23.252
	Middle	-39.898	-40.653	-39.327	-30.882	-29.148	-29.206	-26.202
	High	-39.060	-42.483	-38.030	-32.062	-34.928	-29.584	-24.952
16QAM	Low	-39.189	-42.779	-39.248	-35.199	-30.405	-29.000	-24.465
	Middle	-38.281	-41.853	-39.597	-31.240	-29.772	-28.860	-25.807
	High	-39.520	-40.826	-39.503	-32.248	-35.111	-29.533	-26.352
64QAM	Low	-38.713	-41.075	-39.530	-35.498	-30.439	-28.879	-25.989
	Middle	-39.874	-41.826	-38.549	-31.347	-29.484	-30.099	-27.114
	High	-39.479	-42.065	-38.843	-31.770	-34.688	-28.840	-25.738
256QAM	Low	-39.867	-42.151	-39.831	-35.526	-30.387	-29.751	-25.502
	Middle	-39.200	-41.768	-38.409	-30.003	-30.466	-28.530	-27.112
	High	-39.955	-41.647	-38.635	-31.985	-34.862	-28.603	-25.738

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-39.588	-39.973	-39.069	-35.748	-30.023	-29.904	-20.359
	Middle	-40.371	-40.304	-38.903	-31.643	-30.012	-28.859	-21.458
	High	-39.594	-40.643	-38.325	-32.186	-34.878	-29.598	-20.264
16QAM	Low	-37.909	-39.175	-38.956	-35.682	-29.297	-29.857	-20.976
	Middle	-39.158	-40.757	-38.859	-31.438	-29.739	-28.642	-20.753
	High	-38.541	-39.966	-39.284	-32.756	-35.331	-29.514	-20.692
64QAM	Low	-40.805	-41.292	-40.237	-35.608	-29.650	-28.702	-21.426
	Middle	-40.448	-40.574	-39.183	-31.785	-30.438	-29.155	-20.959
	High	-38.167	-38.590	-38.782	-32.475	-35.818	-28.744	-20.922
256QAM	Low	-40.114	-40.164	-39.000	-34.852	-30.169	-29.431	-20.622
	Middle	-39.481	-39.660	-39.173	-31.956	-30.324	-28.108	-20.379
	High	-39.660	-39.804	-40.172	-32.577	-35.359	-29.582	-20.615

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-39.929	-41.853	-39.077	-34.938	-29.137	-29.327	-22.966
	Middle	-40.753	-41.642	-38.422	-31.994	-29.608	-28.355	-22.764
	High	-39.869	-39.357	-38.722	-31.888	-34.619	-28.881	-24.043
16QAM	Low	-39.534	-42.078	-39.478	-35.286	-28.829	-29.751	-24.046
	Middle	-37.867	-41.824	-39.649	-31.850	-29.579	-29.313	-24.016
	High	-38.513	-40.341	-39.335	-32.708	-33.765	-28.850	-23.835
64QAM	Low	-40.024	-41.118	-39.323	-35.221	-29.138	-29.470	-23.813
	Middle	-39.306	-40.793	-38.461	-31.885	-30.039	-29.626	-23.051
	High	-40.269	-39.985	-39.240	-32.999	-35.143	-29.104	-22.938
256QAM	Low	-39.445	-41.710	-38.261	-35.552	-28.785	-28.816	-24.089
	Middle	-39.199	-41.789	-38.990	-31.740	-30.245	-29.341	-23.135
	High	-39.401	-40.468	-39.552	-32.849	-34.900	-29.754	-23.475

**B2 LTE 10 MHz 1 Carrier + B2 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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-40.317	-38.499	-37.985	-35.172	-28.264	-28.574	-26.776
	Middle	-39.852	-38.928	-38.838	-31.305	-28.879	-28.574	-26.998
	High	-39.864	-38.072	-37.894	-32.531	-34.281	-29.454	-26.700
16QAM	Low	-40.687	-39.053	-39.023	-35.435	-29.169	-28.040	-27.456
	Middle	-40.768	-37.489	-39.173	-31.269	-28.883	-28.950	-26.212
	High	-40.116	-38.586	-39.400	-31.910	-34.348	-27.993	-26.483
64QAM	Low	-40.733	-37.652	-38.034	-35.121	-29.275	-28.326	-25.932
	Middle	-39.918	-39.139	-39.177	-30.722	-29.384	-29.036	-27.388
	High	-41.261	-37.670	-38.838	-32.398	-34.482	-28.654	-25.553
256QAM	Low	-40.624	-37.800	-38.317	-34.390	-29.220	-28.689	-26.183
	Middle	-40.115	-37.607	-39.124	-31.359	-28.997	-27.988	-27.767
	High	-39.595	-38.929	-38.434	-31.019	-33.958	-29.018	-28.038

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-40.398	-43.260	-39.191	-35.754	-29.932	-28.559	-25.913
	Middle	-40.913	-42.867	-39.279	-30.789	-29.171	-28.599	-26.415
	High	-40.536	-42.050	-38.384	-31.494	-34.837	-30.151	-25.846
16QAM	Low	-39.523	-43.384	-38.666	-35.206	-29.447	-27.768	-25.604
	Middle	-39.711	-41.608	-39.074	-31.421	-29.986	-28.778	-26.060
	High	-40.307	-42.503	-38.989	-31.781	-34.670	-28.639	-25.599
64QAM	Low	-41.343	-43.454	-39.016	-34.652	-29.820	-28.267	-24.917
	Middle	-40.484	-42.908	-37.227	-31.585	-29.913	-29.544	-25.603
	High	-41.191	-42.935	-38.936	-31.870	-35.198	-29.030	-26.736
256QAM	Low	-41.182	-43.403	-38.822	-34.520	-30.093	-28.126	-24.699
	Middle	-40.371	-42.745	-38.654	-30.760	-29.402	-28.135	-24.094
	High	-40.556	-41.735	-39.175	-32.131	-34.898	-29.792	-26.063

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-40.992	-40.594	-38.871	-35.219	-29.276	-28.696	-20.951
	Middle	-39.696	-41.497	-38.993	-30.012	-29.599	-28.287	-21.052
	High	-41.651	-39.659	-39.085	-31.871	-35.194	-29.990	-21.207
16QAM	Low	-40.321	-40.922	-39.141	-35.631	-29.685	-28.433	-20.701
	Middle	-40.058	-40.544	-39.113	-30.958	-29.764	-28.896	-20.588
	High	-38.567	-39.609	-38.127	-31.758	-35.381	-30.085	-21.071
64QAM	Low	-41.264	-39.958	-39.050	-34.616	-29.417	-29.196	-20.241
	Middle	-39.594	-39.436	-39.059	-31.180	-29.794	-28.132	-20.704
	High	-39.716	-41.522	-39.187	-31.390	-34.980	-29.692	-20.984
256QAM	Low	-40.571	-40.544	-38.936	-34.808	-29.469	-29.330	-20.487
	Middle	-40.083	-39.971	-39.525	-31.103	-29.559	-28.729	-21.386
	High	-40.528	-38.797	-38.919	-32.166	-34.319	-29.324	-20.681

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-40.730	-42.790	-38.414	-35.522	-29.366	-28.744	-22.136
	Middle	-40.960	-42.468	-39.408	-31.527	-29.330	-29.204	-24.387
	High	-38.703	-43.142	-39.019	-32.747	-34.103	-28.441	-23.375
16QAM	Low	-40.599	-41.371	-38.935	-34.514	-28.918	-27.653	-22.308
	Middle	-40.177	-42.171	-39.194	-31.218	-30.298	-28.991	-22.761
	High	-38.932	-42.165	-39.702	-32.569	-34.280	-29.468	-21.255
64QAM	Low	-39.507	-42.799	-39.343	-34.920	-29.216	-28.466	-23.234
	Middle	-39.632	-42.460	-38.244	-30.953	-29.614	-29.243	-22.378
	High	-40.209	-41.623	-40.004	-32.613	-34.116	-28.660	-23.950
256QAM	Low	-40.631	-42.832	-38.453	-35.829	-28.891	-28.108	-22.251
	Middle	-40.855	-42.579	-38.701	-31.622	-29.231	-29.284	-22.518
	High	-38.650	-42.733	-39.280	-32.679	-34.740	-29.376	-23.484

**B66 LTE 5 MHz 1 Carrier + B66 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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-35.649	-35.889	-38.265	-33.781	-30.129	-28.332	-27.654
	Middle	-35.200	-36.727	-39.129	-34.035	-28.169	-28.907	-26.811
	High	-35.891	-36.947	-37.809	-33.986	-34.382	-28.258	-27.747
16QAM	Low	-35.195	-37.171	-38.539	-33.790	-29.984	-28.321	-26.031
	Middle	-34.795	-35.957	-37.470	-33.483	-29.221	-28.457	-27.113
	High	-35.652	-36.375	-38.740	-34.483	-33.961	-29.191	-26.573
64QAM	Low	-34.524	-36.617	-37.538	-34.027	-29.597	-27.719	-27.343
	Middle	-34.042	-36.710	-38.302	-33.885	-29.504	-27.826	-27.505
	High	-34.082	-36.841	-38.417	-33.984	-34.003	-29.369	-27.353
256QAM	Low	-34.379	-36.041	-38.212	-34.640	-30.150	-27.360	-26.333
	Middle	-34.703	-36.776	-37.662	-33.502	-29.580	-28.760	-26.491
	High	-35.048	-36.167	-37.465	-34.629	-34.164	-28.475	-26.266

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-35.737	-35.966	-37.564	-34.381	-30.889	-28.570	-25.738
	Middle	-32.333	-36.505	-38.278	-34.113	-29.861	-29.166	-25.665
	High	-35.280	-35.806	-37.567	-34.775	-34.975	-29.585	-27.315
16QAM	Low	-35.212	-36.762	-38.916	-33.452	-30.839	-28.874	-26.138
	Middle	-34.830	-36.691	-37.432	-33.754	-30.487	-29.059	-24.968
	High	-34.799	-36.389	-38.736	-34.800	-34.183	-29.843	-25.617
64QAM	Low	-34.974	-36.729	-38.390	-34.839	-30.498	-29.215	-24.469
	Middle	-33.735	-36.749	-38.464	-32.896	-29.267	-28.104	-25.888
	High	-34.063	-37.386	-39.284	-35.169	-33.547	-28.593	-25.592
256QAM	Low	-34.081	-36.546	-38.165	-34.478	-30.227	-29.140	-26.330
	Middle	-33.993	-36.966	-39.016	-34.379	-31.296	-28.728	-26.244
	High	-34.153	-36.781	-38.536	-33.562	-34.895	-28.601	-26.935

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-36.953	-37.879	-38.477	-34.365	-29.976	-28.684	-21.382
	Middle	-36.590	-37.287	-38.120	-35.161	-30.599	-29.730	-20.761
	High	-36.602	-38.403	-39.394	-34.408	-34.058	-30.084	-20.217
16QAM	Low	-36.249	-38.431	-38.310	-34.635	-30.401	-28.840	-20.848
	Middle	-34.878	-37.884	-38.109	-33.947	-30.739	-29.623	-21.087
	High	-36.227	-38.407	-38.003	-33.475	-34.520	-28.961	-20.828
64QAM	Low	-35.140	-37.666	-38.463	-34.571	-31.023	-28.971	-21.186
	Middle	-35.032	-37.917	-37.741	-32.995	-30.113	-29.217	-20.629
	High	-35.925	-38.129	-38.738	-33.392	-34.733	-29.345	-20.361
256QAM	Low	-36.031	-37.398	-38.880	-34.209	-29.833	-29.470	-20.952
	Middle	-35.795	-37.739	-38.660	-34.549	-30.911	-29.022	-20.529
	High	-36.360	-38.513	-39.365	-33.531	-34.093	-29.397	-20.230

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-36.884	-38.116	-38.350	-35.010	-31.654	-29.463	-23.524
	Middle	-35.758	-38.023	-38.218	-34.672	-30.686	-29.664	-21.371
	High	-36.250	-38.363	-38.902	-33.347	-35.017	-28.230	-23.874
16QAM	Low	-36.803	-37.649	-38.566	-34.915	-30.771	-28.304	-22.001
	Middle	-35.704	-37.284	-38.325	-34.294	-31.093	-29.417	-23.261
	High	-35.929	-38.833	-38.624	-35.042	-34.546	-28.346	-22.551
64QAM	Low	-35.466	-38.174	-38.073	-34.143	-31.249	-28.282	-23.085
	Middle	-35.537	-37.262	-38.583	-34.655	-30.056	-29.278	-22.173
	High	-35.740	-38.971	-38.929	-35.055	-33.969	-28.263	-22.741
256QAM	Low	-35.484	-38.206	-38.617	-33.652	-30.897	-29.210	-21.775
	Middle	-34.328	-38.119	-38.806	-33.858	-30.894	-28.960	-21.580
	High	-35.878	-39.033	-37.830	-33.499	-35.153	-29.374	-22.368

**B66 DSS 10 MHz 1 Carrier + B66 LTE 20 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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-38.743	-38.129	-37.431	-34.285	-29.022	-28.216	-27.133
	Middle	-37.180	-37.967	-38.227	-32.525	-28.656	-27.979	-27.105
	High	-36.714	-36.146	-36.594	-32.565	-34.547	-28.077	-25.666
16QAM	Low	-35.927	-38.862	-38.018	-34.333	-28.227	-28.166	-26.710
	Middle	-37.414	-37.423	-38.238	-33.540	-28.933	-28.507	-26.253
	High	-35.831	-37.300	-38.634	-32.876	-33.241	-28.865	-26.800
64QAM	Low	-38.249	-37.926	-38.589	-34.492	-28.966	-28.495	-28.209
	Middle	-36.888	-37.433	-38.300	-33.857	-28.089	-27.470	-27.351
	High	-37.849	-38.290	-38.076	-32.536	-33.916	-28.730	-27.325
256QAM	Low	-36.732	-38.052	-37.647	-34.622	-28.648	-28.744	-26.350
	Middle	-37.254	-38.109	-38.603	-33.384	-28.859	-28.013	-26.508
	High	-38.283	-38.045	-39.037	-34.016	-34.701	-27.519	-25.930

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-38.903	-39.763	-38.199	-33.665	-28.458	-28.823	-26.010
	Middle	-38.188	-39.451	-38.926	-33.514	-29.382	-28.020	-22.669
	High	-38.226	-39.601	-37.904	-33.446	-34.097	-29.370	-25.320
16QAM	Low	-36.500	-40.236	-37.950	-34.772	-29.068	-28.943	-24.578
	Middle	-37.919	-38.497	-38.851	-34.432	-29.283	-29.824	-25.196
	High	-37.394	-39.870	-37.961	-33.911	-34.822	-28.876	-25.565
64QAM	Low	-35.550	-39.451	-38.631	-35.174	-29.631	-28.775	-25.683
	Middle	-37.543	-39.685	-38.131	-33.250	-29.465	-28.348	-24.775
	High	-38.551	-40.247	-36.965	-33.104	-33.980	-28.497	-25.264
256QAM	Low	-36.930	-39.750	-38.461	-34.483	-28.847	-29.484	-26.671
	Middle	-37.659	-39.402	-37.160	-32.756	-29.133	-28.874	-25.529
	High	-39.000	-39.716	-39.430	-33.731	-34.148	-29.047	-24.714

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-38.175	-40.395	-37.898	-34.758	-28.444	-28.602	-20.788
	Middle	-39.077	-39.006	-37.272	-32.770	-30.223	-28.950	-21.311
	High	-39.285	-40.335	-38.017	-33.081	-34.695	-29.040	-20.718
16QAM	Low	-38.540	-40.433	-38.581	-34.785	-29.523	-29.834	-20.236
	Middle	-38.021	-39.093	-39.207	-33.419	-30.014	-28.855	-20.557
	High	-38.586	-40.462	-39.572	-32.795	-34.534	-29.610	-20.815
64QAM	Low	-38.981	-39.675	-38.495	-34.971	-29.798	-29.251	-20.449
	Middle	-38.755	-40.043	-38.761	-33.879	-29.969	-28.562	-21.561
	High	-38.086	-40.407	-38.828	-34.617	-33.838	-29.468	-20.798
256QAM	Low	-38.705	-40.111	-36.933	-34.892	-30.287	-29.372	-20.577
	Middle	-38.027	-38.852	-39.412	-33.593	-30.262	-28.696	-20.453
	High	-39.056	-38.276	-38.927	-32.942	-35.054	-28.222	-20.452

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-38.183	-40.788	-38.483	-34.531	-29.433	-28.702	-23.153
	Middle	-38.695	-40.310	-38.120	-32.780	-29.566	-28.538	-22.646
	High	-37.837	-40.553	-38.904	-34.210	-34.819	-28.579	-22.375
16QAM	Low	-36.724	-40.527	-37.954	-34.625	-29.034	-28.333	-22.568
	Middle	-38.406	-40.001	-38.025	-34.740	-29.403	-29.047	-24.588
	High	-38.620	-41.369	-36.933	-33.756	-34.411	-28.850	-22.830
64QAM	Low	-38.057	-40.568	-39.054	-34.871	-29.569	-28.916	-21.615
	Middle	-37.798	-39.866	-38.527	-31.277	-28.530	-27.797	-21.761
	High	-38.970	-40.070	-38.852	-33.282	-34.645	-29.576	-23.256
256QAM	Low	-39.315	-39.751	-39.237	-33.277	-28.514	-29.013	-22.628
	Middle	-37.456	-40.582	-39.040	-33.672	-29.762	-28.629	-23.905
	High	-38.280	-40.905	-38.394	-33.362	-34.265	-28.457	-22.739

**B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-36.641	-37.692	-38.708	-35.036	-29.556	-28.007	-25.739
	Middle	-35.142	-36.911	-38.164	-31.764	-28.105	-28.312	-27.395
	High	-35.455	-36.327	-38.510	-34.774	-34.322	-26.994	-27.380
16QAM	Low	-36.484	-37.370	-38.046	-34.096	-29.458	-28.800	-26.515
	Middle	-35.923	-37.210	-38.847	-33.674	-27.493	-28.768	-26.282
	High	-36.607	-37.170	-37.850	-34.421	-34.791	-28.869	-27.100
64QAM	Low	-36.277	-36.963	-39.382	-34.654	-30.298	-29.104	-27.272
	Middle	-34.710	-36.491	-38.441	-32.990	-28.367	-28.578	-27.719
	High	-36.727	-37.963	-38.361	-32.975	-34.226	-28.636	-26.635
256QAM	Low	-34.940	-37.591	-38.457	-35.070	-29.019	-28.844	-26.246
	Middle	-35.668	-36.892	-37.673	-32.758	-28.083	-28.766	-26.771
	High	-37.009	-37.645	-38.210	-35.037	-34.484	-29.064	-26.582

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-36.188	-37.303	-38.959	-35.528	-30.250	-28.969	-27.274
	Middle	-36.344	-37.528	-37.764	-35.013	-30.042	-27.999	-25.729
	High	-36.835	-38.660	-39.250	-34.811	-34.322	-28.511	-25.025
16QAM	Low	-35.190	-37.023	-37.855	-35.407	-30.641	-29.449	-23.861
	Middle	-35.794	-37.681	-38.507	-33.434	-30.318	-29.060	-25.438
	High	-36.472	-39.091	-38.499	-34.278	-34.775	-28.381	-24.961
64QAM	Low	-36.042	-37.742	-39.177	-35.536	-30.896	-28.804	-26.076
	Middle	-35.328	-37.540	-38.364	-30.799	-29.599	-27.356	-25.245
	High	-36.899	-39.035	-38.061	-34.411	-35.598	-28.010	-25.198
256QAM	Low	-34.816	-37.617	-37.511	-35.162	-30.140	-28.991	-26.515
	Middle	-35.815	-37.204	-38.062	-34.107	-30.708	-29.863	-26.885
	High	-37.043	-39.502	-39.083	-33.146	-34.743	-29.342	-26.837

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-37.042	-39.168	-39.144	-36.337	-30.736	-28.753	-21.794
	Middle	-37.312	-38.831	-39.322	-34.533	-30.766	-29.379	-21.574
	High	-37.322	-38.986	-39.134	-35.068	-34.074	-29.256	-20.765
16QAM	Low	-37.428	-37.717	-37.934	-35.231	-30.573	-29.583	-21.483
	Middle	-36.887	-38.978	-37.621	-34.932	-29.435	-29.657	-21.019
	High	-37.380	-38.307	-38.445	-35.332	-33.596	-29.874	-21.216
64QAM	Low	-36.979	-38.030	-39.226	-35.374	-31.184	-28.733	-21.058
	Middle	-37.714	-38.503	-39.066	-36.034	-30.163	-29.361	-20.783
	High	-36.865	-37.553	-39.043	-35.473	-35.462	-28.841	-21.332
256QAM	Low	-35.999	-38.659	-38.330	-35.165	-30.296	-29.431	-20.957
	Middle	-36.787	-38.445	-37.980	-34.992	-29.711	-29.181	-21.023
	High	-36.620	-38.782	-37.178	-35.126	-34.803	-29.728	-21.055

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-36.752	-39.497	-38.550	-35.644	-30.943	-29.409	-23.005
	Middle	-35.848	-38.690	-38.412	-35.290	-30.409	-29.530	-23.544
	High	-37.364	-39.426	-38.933	-35.560	-34.322	-28.881	-22.357
16QAM	Low	-37.132	-38.622	-38.632	-36.122	-30.882	-29.114	-23.173
	Middle	-35.899	-38.388	-38.609	-35.245	-30.515	-28.765	-24.332
	High	-37.300	-40.282	-37.331	-35.139	-34.190	-28.746	-20.676
64QAM	Low	-36.711	-39.102	-37.765	-34.339	-30.681	-29.405	-23.232
	Middle	-36.959	-38.851	-39.088	-35.262	-30.234	-28.603	-21.972
	High	-38.014	-39.231	-38.848	-34.100	-34.682	-29.231	-22.193
256QAM	Low	-37.303	-39.453	-38.616	-35.087	-30.920	-28.859	-22.827
	Middle	-35.148	-38.456	-39.110	-35.708	-29.874	-30.038	-23.499
	High	-36.703	-39.644	-38.623	-34.368	-35.222	-28.915	-23.901

**B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-38.107	-38.318	-39.130	-34.017	-28.768	-28.039	-26.118
	Middle	-38.156	-38.275	-38.216	-32.410	-28.523	-27.695	-26.907
	High	-37.447	-38.940	-36.954	-34.534	-34.039	-28.575	-27.130
16QAM	Low	-36.256	-36.911	-39.000	-33.809	-29.531	-27.711	-27.086
	Middle	-36.947	-37.022	-38.211	-34.383	-28.621	-28.880	-26.893
	High	-37.404	-38.909	-37.829	-33.318	-34.365	-28.557	-27.193
64QAM	Low	-37.596	-39.211	-38.282	-34.239	-29.183	-28.554	-26.500
	Middle	-37.928	-38.919	-37.684	-33.156	-27.165	-28.613	-26.505
	High	-38.908	-37.749	-37.888	-31.674	-34.039	-28.662	-27.550
256QAM	Low	-38.206	-38.472	-37.697	-34.145	-28.918	-28.845	-26.456
	Middle	-37.027	-37.375	-38.659	-32.271	-29.172	-29.145	-26.504
	High	-38.445	-37.930	-38.781	-34.146	-34.348	-27.632	-27.397

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-37.668	-39.906	-38.507	-33.658	-30.033	-29.062	-25.734
	Middle	-36.983	-39.414	-37.307	-31.494	-28.627	-29.064	-24.714
	High	-38.993	-39.714	-38.399	-34.404	-34.921	-29.054	-25.259
16QAM	Low	-36.493	-39.619	-38.240	-34.624	-30.225	-28.124	-25.139
	Middle	-37.121	-38.523	-39.141	-31.667	-28.217	-28.406	-24.964
	High	-38.580	-41.095	-39.485	-33.495	-34.506	-28.576	-26.613
64QAM	Low	-37.796	-39.311	-37.456	-34.755	-30.315	-26.899	-25.716
	Middle	-37.685	-39.930	-38.386	-33.213	-27.802	-28.695	-25.537
	High	-38.760	-39.881	-38.514	-33.971	-35.153	-28.648	-25.716
256QAM	Low	-36.732	-40.014	-38.114	-34.519	-29.734	-29.538	-26.176
	Middle	-37.722	-39.730	-38.760	-31.593	-28.168	-29.535	-26.318
	High	-38.547	-40.516	-37.461	-33.814	-34.685	-27.515	-26.421

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-38.107	-39.516	-38.362	-35.059	-30.500	-29.069	-20.313
	Middle	-38.501	-40.766	-38.721	-34.794	-29.576	-29.452	-20.795
	High	-39.514	-37.875	-38.905	-34.244	-35.039	-29.825	-20.965
16QAM	Low	-35.903	-39.751	-39.152	-34.985	-30.904	-29.991	-21.377
	Middle	-38.360	-40.432	-39.328	-33.017	-30.199	-30.093	-21.040
	High	-38.579	-40.780	-38.436	-33.707	-34.812	-28.958	-21.528
64QAM	Low	-37.681	-39.276	-38.742	-35.364	-30.311	-29.328	-20.775
	Middle	-38.425	-39.188	-38.382	-33.592	-29.581	-29.419	-21.065
	High	-39.061	-37.541	-38.488	-35.485	-35.372	-29.223	-20.743
256QAM	Low	-37.395	-38.577	-39.056	-35.287	-30.205	-28.442	-21.110
	Middle	-38.433	-38.925	-38.047	-33.936	-28.735	-29.964	-20.568
	High	-37.589	-39.171	-39.641	-34.484	-33.877	-29.029	-22.053

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	Low	-38.727	-40.479	-38.955	-35.099	-30.406	-29.186	-22.573
	Middle	-38.131	-40.464	-38.498	-35.527	-29.246	-29.239	-22.419
	High	-39.309	-41.400	-38.933	-34.681	-34.946	-28.612	-24.249
16QAM	Low	-37.734	-40.506	-38.980	-34.632	-30.667	-29.561	-22.673
	Middle	-37.506	-39.722	-38.596	-33.440	-29.412	-28.914	-23.718
	High	-37.561	-41.042	-39.220	-34.896	-34.742	-29.135	-22.466
64QAM	Low	-37.670	-40.416	-38.739	-34.667	-29.819	-29.322	-22.638
	Middle	-37.993	-40.536	-38.310	-35.037	-29.197	-28.816	-22.738
	High	-39.216	-40.203	-38.565	-35.555	-33.934	-28.422	-21.423
256QAM	Low	-37.689	-39.943	-38.387	-35.427	-29.842	-28.851	-23.099
	Middle	-38.911	-40.241	-38.734	-34.825	-29.692	-29.649	-23.651
	High	-39.242	-41.036	-39.843	-34.742	-34.601	-29.108	-23.537

Tabular Data of Non-Contiguous Spurious Unwanted Emissions
**B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier]
 Test Result for Output Port 0**

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-39.315	-38.369	-38.517	-35.506	-34.715	-28.211	-26.377
16QAM	-39.626	-38.785	-38.729	-35.041	-35.053	-28.134	-25.876
64QAM	-40.230	-38.882	-38.906	-35.725	-34.822	-28.111	-26.105
256QAM	-37.771	-38.609	-39.531	-35.120	-34.501	-28.314	-27.983

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-38.966	-42.920	-39.439	-34.336	-34.254	-28.050	-25.426
16QAM	-40.087	-41.755	-38.949	-34.544	-34.952	-28.779	-26.353
64QAM	-41.014	-42.288	-39.724	-33.995	-34.794	-29.583	-26.544
256QAM	-41.285	-42.008	-39.591	-34.892	-34.377	-28.933	-24.728

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-40.039	-39.444	-39.766	-34.144	-35.711	-29.325	-20.397
16QAM	-39.771	-41.371	-39.798	-35.038	-35.044	-29.819	-20.821
64QAM	-41.290	-40.534	-38.576	-33.231	-35.452	-28.896	-21.806
256QAM	-40.153	-41.033	-39.667	-34.443	-35.816	-29.179	-20.609

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-39.976	-42.118	-38.881	-35.070	-35.280	-28.851	-22.587
16QAM	-37.375	-41.970	-39.144	-34.859	-35.100	-29.638	-23.465
64QAM	-41.070	-42.568	-39.709	-34.135	-35.404	-29.235	-22.527
256QAM	-39.497	-41.482	-39.416	-33.178	-34.759	-29.212	-23.114

**B2 LTE 10 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier]
 Test Result for Output Port 0**

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-39.960	-38.280	-38.788	-35.536	-33.712	-28.004	-26.299
16QAM	-39.663	-38.592	-38.764	-35.188	-34.354	-29.026	-26.457
64QAM	-41.024	-39.634	-39.092	-35.600	-33.849	-28.855	-27.099
256QAM	-40.169	-38.740	-37.969	-34.938	-34.462	-28.850	-25.847

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-40.162	-43.795	-39.330	-36.023	-34.769	-29.015	-26.880
16QAM	-41.368	-43.334	-39.129	-34.778	-35.301	-28.882	-25.738
64QAM	-40.367	-44.003	-38.875	-34.882	-34.529	-28.482	-25.755
256QAM	-40.869	-43.078	-38.951	-35.307	-34.605	-29.550	-25.872

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-40.856	-39.734	-39.868	-36.143	-35.318	-29.693	-20.222
16QAM	-39.224	-40.536	-39.287	-35.826	-34.574	-30.349	-21.941
64QAM	-40.584	-40.221	-38.563	-35.675	-34.626	-28.951	-20.908
256QAM	-40.577	-40.965	-39.397	-35.615	-34.101	-28.729	-21.137

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-40.493	-42.758	-38.609	-35.668	-34.261	-28.540	-21.444
16QAM	-38.477	-43.036	-39.002	-35.701	-34.390	-29.147	-23.781
64QAM	-40.508	-42.719	-38.445	-35.521	-34.561	-29.067	-20.063
256QAM	-40.204	-43.144	-38.229	-35.573	-34.715	-29.459	-23.312

B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier [2 Carrier]
Test Result for Output Port 0

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-34.193	-36.562	-38.070	-34.090	-34.499	-28.243	-26.082
16QAM	-33.803	-37.338	-38.522	-32.602	-34.149	-28.531	-25.386
64QAM	-35.560	-37.967	-38.150	-33.770	-33.968	-28.974	-27.198
256QAM	-35.412	-38.046	-38.851	-34.376	-34.697	-28.334	-27.833

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-35.909	-39.075	-38.437	-34.368	-34.574	-29.381	-24.982
16QAM	-36.286	-38.336	-38.745	-35.333	-34.274	-28.518	-25.602
64QAM	-35.787	-38.048	-38.266	-34.403	-34.638	-29.099	-25.218
256QAM	-35.872	-38.683	-38.939	-33.944	-33.896	-28.522	-24.978

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-36.347	-37.589	-38.551	-34.501	-34.581	-29.037	-21.225
16QAM	-35.854	-38.033	-39.136	-34.443	-34.769	-29.017	-20.616
64QAM	-35.608	-38.051	-39.165	-34.411	-35.021	-29.513	-20.856
256QAM	-35.610	-38.377	-38.648	-34.871	-34.179	-29.433	-20.679

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-37.238	-38.782	-39.009	-34.425	-34.952	-28.878	-22.123
16QAM	-37.396	-38.837	-37.868	-34.667	-34.315	-28.709	-23.503
64QAM	-35.946	-38.082	-37.249	-34.850	-33.853	-28.747	-22.561
256QAM	-35.949	-38.122	-38.556	-33.395	-35.162	-29.234	-22.114

**B66 DSS 10 MHz 1 Carrier + B66 LTE 20 MHz 1 Carrier [2 Carrier]
 Test Result for Output Port 0**

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-38.462	-38.712	-38.087	-34.217	-33.531	-26.846	-26.655
16QAM	-37.578	-36.719	-38.904	-33.112	-34.335	-28.164	-26.388
64QAM	-36.791	-37.724	-36.774	-33.921	-33.902	-27.034	-27.811
256QAM	-37.198	-38.496	-38.675	-34.160	-33.493	-28.386	-26.589

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-38.324	-39.729	-38.009	-34.963	-34.242	-28.892	-26.197
16QAM	-37.994	-40.068	-37.670	-34.481	-34.823	-28.914	-26.151
64QAM	-38.078	-39.981	-37.559	-34.018	-34.079	-28.786	-25.859
256QAM	-38.165	-40.409	-38.458	-34.300	-34.901	-29.025	-23.561

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-39.288	-39.550	-37.937	-34.921	-34.331	-28.613	-20.385
16QAM	-39.312	-39.123	-38.466	-34.502	-34.795	-28.632	-20.888
64QAM	-38.037	-39.789	-37.440	-35.039	-34.563	-29.545	-20.658
256QAM	-37.869	-40.327	-39.249	-34.682	-34.492	-29.039	-20.503

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-38.101	-39.996	-38.154	-34.649	-34.259	-29.309	-23.940
16QAM	-38.322	-41.101	-38.153	-34.568	-34.101	-28.693	-23.353
64QAM	-38.120	-40.036	-38.770	-34.770	-34.624	-28.589	-23.967
256QAM	-37.348	-40.619	-38.711	-34.457	-34.450	-28.865	-22.620

**B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier (1C +2C) [3 Carrier]
 Test Result for Output Port 0**

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-37.349	-37.919	-38.620	-34.352	-34.829	-28.565	-26.370
16QAM	-36.717	-39.041	-39.371	-34.774	-34.317	-28.568	-26.223
64QAM	-36.769	-37.544	-39.146	-34.819	-33.901	-28.253	-27.560
256QAM	-36.941	-39.270	-37.436	-34.021	-34.156	-28.023	-27.374

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-36.689	-39.083	-38.667	-34.330	-34.695	-27.972	-26.445
16QAM	-37.493	-38.926	-38.818	-33.076	-34.762	-29.154	-25.326
64QAM	-36.426	-39.595	-38.794	-35.271	-33.903	-29.826	-25.297
256QAM	-35.785	-39.026	-38.885	-34.490	-33.988	-28.918	-24.740

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-37.118	-38.772	-39.071	-34.749	-34.245	-29.561	-20.907
16QAM	-37.305	-39.385	-38.890	-35.825	-35.380	-29.794	-21.028
64QAM	-37.622	-37.414	-38.961	-35.374	-34.805	-29.285	-20.731
256QAM	-37.216	-39.436	-38.783	-34.584	-34.876	-28.916	-20.778

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-37.910	-39.804	-38.891	-35.560	-34.507	-29.280	-24.404
16QAM	-37.227	-40.283	-38.425	-35.030	-34.759	-28.915	-22.049
64QAM	-37.749	-40.227	-37.153	-34.426	-33.946	-28.935	-23.103
256QAM	-37.334	-40.276	-37.932	-35.106	-34.597	-29.303	-23.029

**B66 LTE 5 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier + B66 LTE 5 MHz 1 Carrier (2C +1C) [3 Carrier]
 Test Result for Output Port 0**

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-36.836	-38.175	-37.724	-32.968	-33.630	-28.681	-26.643
16QAM	-34.903	-38.175	-38.023	-34.055	-34.519	-27.914	-27.105
64QAM	-35.361	-37.878	-37.701	-34.163	-33.734	-28.324	-27.632
256QAM	-36.096	-38.907	-37.908	-33.540	-34.192	-28.681	-24.700

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-37.259	-39.274	-38.482	-34.637	-34.752	-29.087	-24.390
16QAM	-35.550	-39.307	-38.785	-34.721	-34.032	-28.710	-25.631
64QAM	-37.149	-39.298	-38.915	-34.741	-33.204	-29.011	-24.597
256QAM	-37.172	-39.980	-38.346	-34.078	-34.264	-28.922	-26.400

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-37.166	-39.051	-38.251	-33.496	-35.142	-29.313	-21.357
16QAM	-38.162	-39.178	-38.834	-35.022	-34.845	-29.162	-21.134
64QAM	-37.975	-39.499	-38.569	-34.918	-35.053	-29.387	-20.424
256QAM	-37.363	-38.796	-38.670	-34.287	-34.334	-29.063	-20.821

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-38.002	-39.458	-38.369	-34.122	-34.191	-28.854	-22.999
16QAM	-37.663	-39.838	-38.933	-34.537	-33.772	-28.595	-21.967
64QAM	-36.790	-39.823	-38.336	-34.469	-33.835	-28.459	-22.211
256QAM	-37.674	-39.602	-38.122	-34.315	-33.904	-29.317	-21.375

B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier (1C +2C) [3 Carrier]
Test Result for Output Port 0

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-37.222	-39.488	-38.311	-34.679	-33.995	-28.175	-26.787
16QAM	-37.491	-39.041	-39.312	-34.218	-34.345	-28.787	-27.275
64QAM	-37.761	-38.160	-38.620	-34.040	-34.442	-29.387	-25.747
256QAM	-37.640	-38.790	-38.580	-34.396	-33.179	-28.971	-26.965

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-38.783	-41.523	-38.718	-34.591	-34.784	-28.739	-24.425
16QAM	-39.041	-40.635	-37.411	-34.383	-35.553	-28.668	-26.429
64QAM	-38.747	-40.163	-39.430	-34.223	-33.752	-28.371	-26.453
256QAM	-37.469	-40.683	-38.545	-34.707	-34.771	-28.710	-26.826

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-39.074	-40.604	-37.402	-34.256	-35.179	-29.335	-20.899
16QAM	-36.862	-39.430	-38.561	-35.518	-35.315	-30.280	-20.683
64QAM	-38.346	-39.186	-38.776	-35.375	-35.249	-29.886	-20.759
256QAM	-38.464	-40.599	-38.495	-34.899	-34.655	-29.311	-20.751

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-39.133	-41.744	-38.671	-34.877	-35.034	-28.695	-23.331
16QAM	-38.780	-40.878	-38.194	-34.587	-34.869	-29.396	-22.869
64QAM	-38.509	-41.761	-38.210	-34.414	-34.734	-29.428	-23.913
256QAM	-38.548	-41.414	-38.948	-35.313	-35.021	-29.708	-22.345

B66 LTE 5 MHz 1 Carrier + B66 LTE 15 MHz 1 Carrier + B66 DSS 10 MHz 1 Carrier (2C +1C) [3 Carrier]
Test Result for Output Port 0

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-38.225	-38.499	-38.386	-35.083	-34.967	-29.111	-26.082
16QAM	-36.714	-37.756	-38.218	-34.811	-33.222	-28.550	-25.152
64QAM	-38.266	-37.642	-37.325	-34.720	-34.635	-28.499	-27.198
256QAM	-37.872	-38.052	-37.421	-34.022	-34.984	-28.319	-26.851

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-38.147	-39.425	-38.586	-34.720	-35.243	-29.078	-25.790
16QAM	-37.026	-39.877	-37.817	-35.906	-34.750	-29.684	-26.543
64QAM	-38.236	-39.437	-38.591	-35.650	-34.856	-28.941	-26.845
256QAM	-38.254	-39.783	-39.334	-35.262	-35.168	-28.475	-26.801

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-37.759	-39.159	-38.209	-34.301	-35.019	-29.205	-20.845
16QAM	-36.647	-40.710	-39.376	-36.051	-34.705	-30.079	-20.659
64QAM	-39.004	-40.467	-39.097	-35.188	-35.521	-29.530	-20.874
256QAM	-38.763	-39.372	-39.456	-35.526	-34.749	-29.150	-20.830

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 10 GHz	10 GHz ~ 26.5 GHz
QPSK	-39.093	-41.522	-39.538	-35.684	-34.595	-28.489	-22.595
16QAM	-37.630	-40.915	-39.048	-35.788	-34.910	-29.093	-23.754
64QAM	-36.878	-41.616	-38.900	-35.431	-34.405	-29.706	-22.640
256QAM	-37.663	-40.787	-40.101	-35.032	-34.677	-28.743	-23.146

Tabular Data of Spurious Unwanted Emissions_Inter Band
**B2 LTE 10 MHz + B66 DSS 10 MHz (80W+80W)_Near
Test Result for Output Port 0**

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-22.465	-29.573	-34.357	-27.884	-27.553	-26.321	-24.964	-23.527
16QAM	-21.740	-28.156	-33.579	-27.851	-27.239	-26.306	-25.054	-23.265
64QAM	-21.744	-28.602	-33.994	-27.450	-27.622	-26.293	-24.587	-23.478
256QAM	-21.879	-30.105	-33.855	-27.703	-27.489	-26.421	-24.968	-23.454

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.989	-29.587	-33.310	-27.883	-27.917	-26.608	-25.607	-21.681
16QAM	-22.153	-28.442	-34.080	-27.802	-28.048	-26.771	-25.530	-21.541
64QAM	-21.397	-27.763	-34.601	-27.966	-27.729	-26.791	-24.242	-21.743
256QAM	-22.459	-29.856	-34.454	-27.882	-28.123	-26.927	-25.426	-21.730

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.731	-28.467	-34.912	-27.530	-27.992	-27.145	-24.788	-20.781
16QAM	-21.675	-28.528	-35.015	-27.988	-27.808	-26.918	-25.411	-20.345
64QAM	-22.468	-30.188	-34.975	-27.728	-28.154	-26.645	-25.317	-20.959
256QAM	-22.539	-29.089	-34.600	-27.891	-28.274	-26.959	-25.414	-20.254

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.311	-27.432	-35.239	-28.245	-27.906	-27.200	-24.632	-20.910
16QAM	-22.114	-29.407	-34.884	-28.107	-27.869	-27.104	-25.014	-20.524
64QAM	-22.548	-29.378	-34.907	-28.128	-27.843	-27.096	-24.936	-20.686
256QAM	-21.782	-27.590	-34.323	-28.208	-28.023	-26.956	-24.999	-20.860

B2 LTE 10 MHz + B66 DSS 10 MHz (80W+80W)_Far
Test Result for Output Port 0

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.170	-29.269	-28.895	-28.162	-25.926	-27.547	-24.007	-23.075
16QAM	-22.191	-28.317	-28.750	-28.274	-25.908	-27.589	-24.858	-23.424
64QAM	-21.898	-29.524	-28.178	-28.233	-26.145	-27.560	-24.706	-23.571
256QAM	-21.985	-28.598	-27.451	-28.223	-25.883	-27.426	-24.516	-23.339

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.863	-29.488	-27.693	-28.418	-27.016	-27.760	-25.398	-21.513
16QAM	-21.313	-29.888	-28.439	-28.617	-26.887	-27.482	-24.761	-21.539
64QAM	-21.274	-29.054	-28.284	-28.646	-27.042	-27.618	-25.464	-21.859
256QAM	-22.021	-29.462	-28.202	-28.405	-26.709	-27.840	-24.838	-21.399

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-23.265	-29.509	-29.107	-28.848	-26.755	-27.955	-24.888	-20.502
16QAM	-22.108	-29.324	-28.409	-28.772	-27.138	-27.871	-25.450	-20.768
64QAM	-21.531	-29.204	-28.407	-28.690	-26.824	-27.986	-25.503	-21.092
256QAM	-21.854	-29.069	-28.908	-28.735	-26.988	-28.231	-25.306	-20.984

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-22.573	-28.844	-28.473	-28.794	-26.307	-28.048	-25.124	-20.452
16QAM	-22.606	-29.871	-28.616	-28.758	-26.630	-27.803	-24.823	-21.141
64QAM	-23.361	-29.904	-29.167	-28.709	-26.229	-27.978	-25.109	-20.519
256QAM	-22.932	-27.604	-29.654	-28.574	-26.448	-27.827	-24.397	-20.382

B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (80W+80W)_AWS
Test Result for Output Port 0

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-22.257	-29.466	-33.375	-28.208	-27.428	-27.647	-25.083	-23.707
16QAM	-22.189	-29.294	-33.186	-28.286	-27.517	-27.336	-25.030	-23.324
64QAM	-22.780	-29.033	-33.357	-28.147	-27.536	-27.327	-24.514	-22.662
256QAM	-23.007	-28.536	-34.004	-28.230	-27.560	-27.350	-25.221	-22.764

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.933	-29.760	-34.514	-28.666	-27.749	-27.745	-25.534	-21.259
16QAM	-22.841	-29.228	-34.202	-28.550	-27.864	-27.270	-24.603	-21.501
64QAM	-21.392	-28.607	-34.017	-28.663	-27.997	-27.857	-24.368	-21.077
256QAM	-23.579	-30.301	-34.137	-28.552	-27.739	-27.569	-24.897	-21.073

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-24.199	-29.056	-33.839	-28.726	-27.868	-27.924	-25.450	-20.471
16QAM	-22.929	-29.050	-33.618	-28.354	-27.968	-28.029	-25.174	-20.350
64QAM	-21.611	-29.086	-33.833	-28.194	-28.005	-27.805	-25.372	-20.233
256QAM	-22.796	-29.242	-33.181	-28.550	-28.109	-28.144	-24.691	-20.108

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-23.063	-30.137	-34.195	-28.606	-27.803	-27.476	-24.767	-20.542
16QAM	-22.505	-29.304	-34.257	-28.564	-27.457	-27.732	-25.056	-20.808
64QAM	-23.843	-30.092	-33.976	-28.630	-27.536	-27.727	-25.384	-20.128
256QAM	-24.291	-28.877	-33.053	-28.540	-27.856	-27.508	-24.897	-20.784

B2 LTE (10 MHz+10 MHz) + B66 LTE (10 MHz+20 MHz) (40W+120W)_AWS
Test Result for Output Port 0

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-22.100	-28.316	-33.941	-28.389	-27.560	-27.387	-25.291	-23.779
16QAM	-22.758	-29.222	-34.186	-28.049	-27.555	-27.504	-24.979	-22.900
64QAM	-22.463	-28.970	-34.408	-28.291	-27.393	-27.505	-25.119	-23.320
256QAM	-22.336	-29.731	-34.567	-28.192	-27.541	-27.350	-24.589	-23.058

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-22.625	-29.079	-34.497	-28.715	-27.859	-27.722	-24.660	-21.817
16QAM	-23.426	-28.149	-33.893	-28.667	-27.973	-27.864	-24.882	-21.207
64QAM	-22.582	-30.449	-34.508	-28.760	-27.765	-27.692	-24.680	-21.030
256QAM	-21.866	-30.299	-34.793	-28.539	-27.762	-27.639	-24.410	-20.856

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-22.759	-29.797	-34.711	-28.619	-27.954	-27.925	-25.637	-20.544
16QAM	-21.816	-30.847	-35.151	-28.690	-27.787	-28.048	-25.844	-20.819
64QAM	-23.378	-29.290	-34.178	-28.763	-28.078	-28.028	-24.988	-20.440
256QAM	-24.334	-29.429	-34.875	-28.427	-28.034	-27.993	-25.238	-20.294

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.925	-29.401	-34.766	-28.412	-27.857	-27.749	-25.117	-20.501
16QAM	-23.321	-29.202	-34.279	-28.541	-27.784	-27.580	-25.387	-20.973
64QAM	-22.090	-29.777	-34.190	-28.797	-27.975	-27.517	-25.250	-20.709
256QAM	-23.872	-29.303	-34.945	-28.795	-27.954	-27.891	-24.683	-20.909

B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near
Test Result for Output Port 0

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-23.085	-28.656	-34.665	-27.782	-27.407	-27.324	-24.979	-22.749
16QAM	-21.478	-28.955	-34.353	-27.453	-27.413	-27.406	-24.554	-23.472
64QAM	-21.851	-29.566	-34.536	-27.502	-27.280	-27.309	-24.165	-23.345
256QAM	-23.384	-29.667	-34.521	-27.477	-27.506	-27.466	-24.287	-23.170

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.871	-28.032	-34.736	-27.903	-27.769	-27.555	-24.511	-21.234
16QAM	-22.976	-30.219	-34.626	-27.820	-27.841	-27.776	-24.881	-21.160
64QAM	-21.857	-28.801	-35.044	-27.799	-27.691	-27.728	-25.056	-21.029
256QAM	-22.847	-29.125	-34.487	-27.674	-27.629	-27.765	-24.957	-21.347

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-22.371	-28.473	-34.366	-27.788	-27.591	-28.008	-25.567	-20.250
16QAM	-22.373	-28.240	-34.727	-28.115	-27.667	-27.884	-25.183	-20.624
64QAM	-22.156	-30.131	-33.551	-27.777	-28.035	-28.034	-24.833	-20.712
256QAM	-22.782	-29.156	-34.452	-27.909	-28.020	-27.887	-25.644	-21.046

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-22.952	-28.678	-34.488	-28.224	-27.912	-27.463	-24.333	-20.539
16QAM	-20.400	-28.628	-34.767	-27.952	-27.891	-27.746	-25.146	-20.655
64QAM	-21.562	-28.600	-35.043	-27.778	-27.450	-27.617	-24.972	-20.540
256QAM	-23.728	-29.287	-34.812	-28.125	-27.790	-27.761	-25.092	-20.519

B2 LTE 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far
Test Result for Output Port 0

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.793	-29.153	-31.965	-28.163	-25.814	-27.368	-24.264	-23.146
16QAM	-23.402	-28.968	-32.836	-28.121	-25.774	-27.107	-24.738	-23.205
64QAM	-22.514	-29.306	-33.665	-28.066	-25.911	-27.372	-24.631	-23.260
256QAM	-22.981	-28.577	-32.228	-28.265	-25.854	-27.370	-24.582	-23.246

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-22.252	-29.940	-32.729	-28.488	-26.543	-27.741	-24.908	-20.902
16QAM	-21.861	-28.787	-32.851	-28.171	-26.613	-27.654	-25.232	-21.193
64QAM	-22.604	-28.884	-33.050	-28.453	-26.640	-27.666	-24.717	-21.338
256QAM	-23.138	-29.063	-31.834	-28.424	-26.681	-27.810	-25.298	-21.250

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.670	-29.430	-33.202	-28.556	-27.201	-27.544	-25.522	-20.505
16QAM	-21.710	-27.517	-33.048	-28.620	-26.919	-27.992	-25.383	-20.340
64QAM	-21.542	-29.214	-32.860	-28.436	-26.984	-27.890	-25.835	-20.736
256QAM	-20.801	-29.473	-32.711	-28.671	-26.929	-27.742	-24.776	-21.062

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-22.558	-28.135	-32.700	-28.441	-26.015	-27.810	-25.015	-20.635
16QAM	-22.282	-28.022	-33.756	-28.480	-26.201	-27.340	-24.734	-20.446
64QAM	-22.519	-28.620	-32.827	-28.430	-26.017	-27.490	-23.288	-20.448
256QAM	-20.652	-28.978	-33.150	-28.473	-26.157	-27.798	-24.818	-20.487

**B2 DSS 10 MHz + B66 LTE 10 MHz (80W+80W)_Near
Test Result for Output Port 0**

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.678	-27.715	-33.833	-27.434	-27.418	-26.548	-24.625	-22.564
16QAM	-20.031	-28.542	-33.606	-27.905	-27.602	-26.494	-24.708	-22.968
64QAM	-21.453	-27.811	-33.487	-27.754	-27.593	-26.406	-24.813	-23.306
256QAM	-20.695	-27.959	-33.659	-27.735	-27.579	-26.793	-24.760	-22.588

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.919	-26.934	-34.146	-27.828	-27.934	-26.764	-25.233	-21.652
16QAM	-21.107	-27.118	-33.559	-27.762	-27.974	-26.725	-25.283	-21.697
64QAM	-20.752	-27.158	-33.315	-27.780	-28.038	-26.832	-24.865	-21.339
256QAM	-21.128	-29.112	-33.128	-27.800	-27.846	-26.782	-24.377	-21.619

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.139	-28.222	-34.425	-27.886	-28.165	-27.273	-24.748	-20.677
16QAM	-20.930	-28.888	-34.799	-28.298	-28.003	-27.039	-25.201	-20.861
64QAM	-21.057	-29.361	-34.918	-27.759	-27.872	-27.356	-25.784	-20.174
256QAM	-20.752	-28.633	-34.482	-27.887	-28.074	-26.993	-25.724	-20.340

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.071	-29.276	-34.394	-28.022	-27.895	-27.081	-25.096	-20.357
16QAM	-20.635	-28.547	-33.771	-27.861	-27.912	-27.008	-25.120	-20.704
64QAM	-20.834	-27.757	-34.059	-27.513	-27.891	-27.182	-24.571	-20.423
256QAM	-20.946	-28.637	-33.809	-27.909	-27.749	-27.062	-25.532	-20.487

B2 DSS 10 MHz + B66 LTE 10 MHz (80W+80W)_Far
Test Result for Output Port 0

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.543	-28.744	-24.868	-28.029	-26.509	-27.491	-24.962	-22.821
16QAM	-20.801	-27.969	-23.802	-28.167	-26.363	-27.522	-24.520	-23.414
64QAM	-20.682	-26.731	-24.432	-28.067	-26.301	-27.584	-24.462	-23.459
256QAM	-21.523	-28.224	-24.188	-28.338	-26.352	-27.561	-25.130	-22.787

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.084	-28.655	-25.202	-28.535	-26.590	-27.832	-25.393	-21.704
16QAM	-20.136	-28.354	-24.509	-28.658	-26.721	-27.763	-25.111	-21.098
64QAM	-21.135	-28.507	-24.219	-28.729	-26.507	-27.822	-25.006	-21.857
256QAM	-21.629	-28.692	-24.130	-28.616	-26.810	-27.850	-24.781	-20.993

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.467	-28.619	-24.926	-28.615	-26.920	-28.046	-25.893	-21.023
16QAM	-21.524	-28.058	-25.586	-28.701	-27.011	-28.191	-25.941	-21.099
64QAM	-20.894	-28.654	-24.340	-28.578	-26.961	-28.022	-25.437	-21.111
256QAM	-20.604	-28.033	-24.832	-28.510	-26.953	-27.782	-25.336	-20.829

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.373	-27.196	-24.391	-28.635	-26.514	-27.701	-25.120	-20.406
16QAM	-20.833	-28.263	-25.216	-28.340	-26.831	-27.725	-24.813	-20.495
64QAM	-20.542	-28.646	-25.721	-28.560	-26.279	-27.768	-25.433	-20.607
256QAM	-21.101	-28.113	-24.538	-28.586	-26.603	-27.632	-24.572	-20.924

**B2 DSS 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Near
 Test Result for Output Port 0**

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.779	-28.758	-33.381	-27.717	-27.447	-27.503	-25.121	-22.888
16QAM	-21.066	-28.615	-34.671	-27.806	-27.353	-27.113	-24.840	-23.522
64QAM	-20.919	-26.710	-34.050	-27.919	-27.291	-27.380	-24.801	-23.147
256QAM	-20.882	-29.597	-33.982	-27.612	-27.562	-27.602	-24.452	-23.106

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.352	-28.437	-34.743	-27.673	-27.714	-27.628	-25.405	-21.912
16QAM	-21.995	-29.255	-34.514	-27.810	-27.882	-27.450	-25.156	-21.665
64QAM	-21.249	-28.545	-35.031	-27.777	-27.892	-27.678	-25.289	-21.437
256QAM	-20.921	-28.020	-34.910	-27.922	-27.816	-27.750	-24.703	-21.120

Test Result for Output Port 2

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.891	-28.358	-34.888	-28.027	-28.021	-28.083	-25.531	-20.715
16QAM	-20.746	-29.693	-34.984	-28.225	-27.821	-27.896	-25.673	-20.593
64QAM	-21.271	-29.208	-34.413	-28.058	-28.095	-27.992	-25.143	-20.725
256QAM	-20.814	-29.877	-34.388	-27.893	-27.975	-27.849	-25.531	-20.368

Test Result for Output Port 3

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.057	-27.832	-34.355	-28.076	-27.994	-27.819	-25.071	-20.681
16QAM	-20.802	-29.012	-33.788	-27.734	-27.717	-27.802	-24.984	-20.884
64QAM	-20.229	-27.936	-34.471	-28.126	-27.957	-27.742	-25.317	-20.977
256QAM	-21.547	-28.812	-35.036	-28.162	-28.020	-27.831	-25.364	-20.999

B2 DSS 10 MHz + B66 LTE (10 MHz+5 MHz) (40W+120W)_Far
Test Result for Output Port 0

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-21.246	-27.895	-28.254	-28.090	-26.475	-27.468	-24.875	-22.905
16QAM	-20.903	-28.951	-28.952	-28.049	-26.557	-27.275	-24.989	-23.202
64QAM	-21.025	-28.833	-28.896	-28.326	-26.446	-27.513	-24.571	-23.219
256QAM	-20.558	-28.503	-28.952	-28.208	-26.407	-27.488	-24.811	-22.622

Test Result for Output Port 1

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 ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.422	-28.336	-30.773	-28.588	-26.789	-27.701	-25.222	-21.607
16QAM	-21.060	-28.751	-30.365	-28.419	-26.849	-27.671	-24.988	-21.401
64QAM	-21.885	-28.483	-28.821	-28.486	-26.632	-27.506	-25.202	-21.452
256QAM	-21.070	-29.844	-28.242	-28.649	-26.733	-27.784	-24.686	-20.869

Test Result for Output Port 2

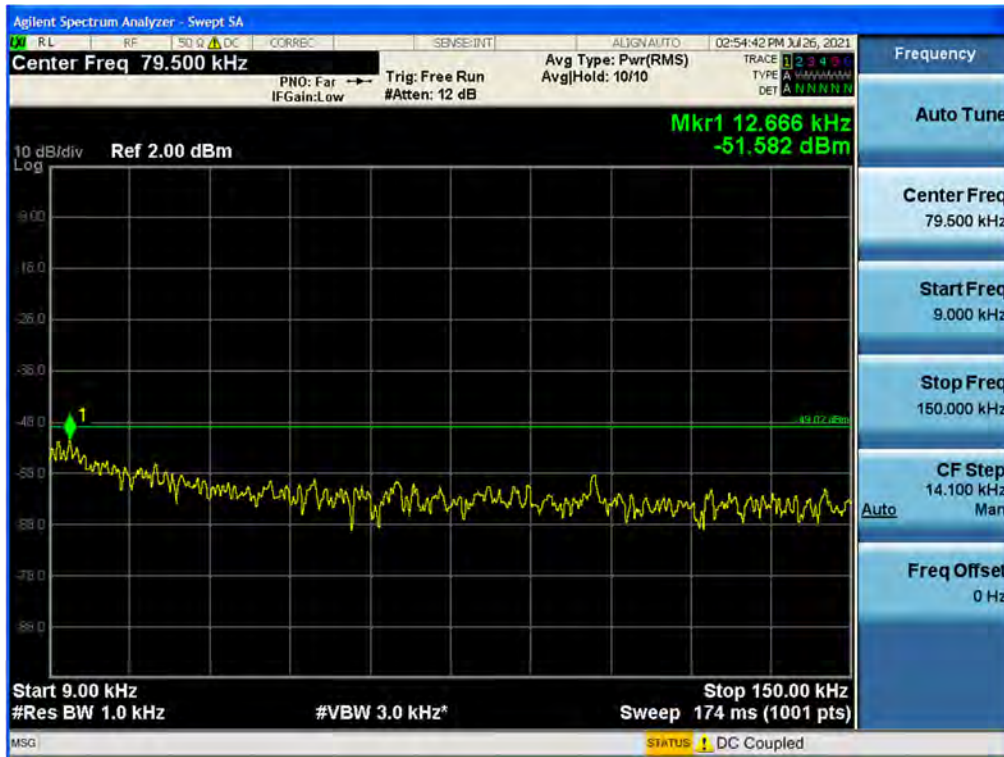
Mod.	Measured Level (dBm)							
	9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.947	-29.495	-27.946	-28.623	-26.826	-27.728	-25.800	-20.508
16QAM	-20.746	-28.447	-27.897	-28.691	-27.038	-27.901	-25.677	-20.647
64QAM	-21.724	-28.419	-29.606	-28.383	-27.000	-27.837	-25.990	-20.456
256QAM	-21.540	-27.741	-28.223	-28.834	-26.856	-28.049	-25.756	-20.507

Test Result for Output Port 3

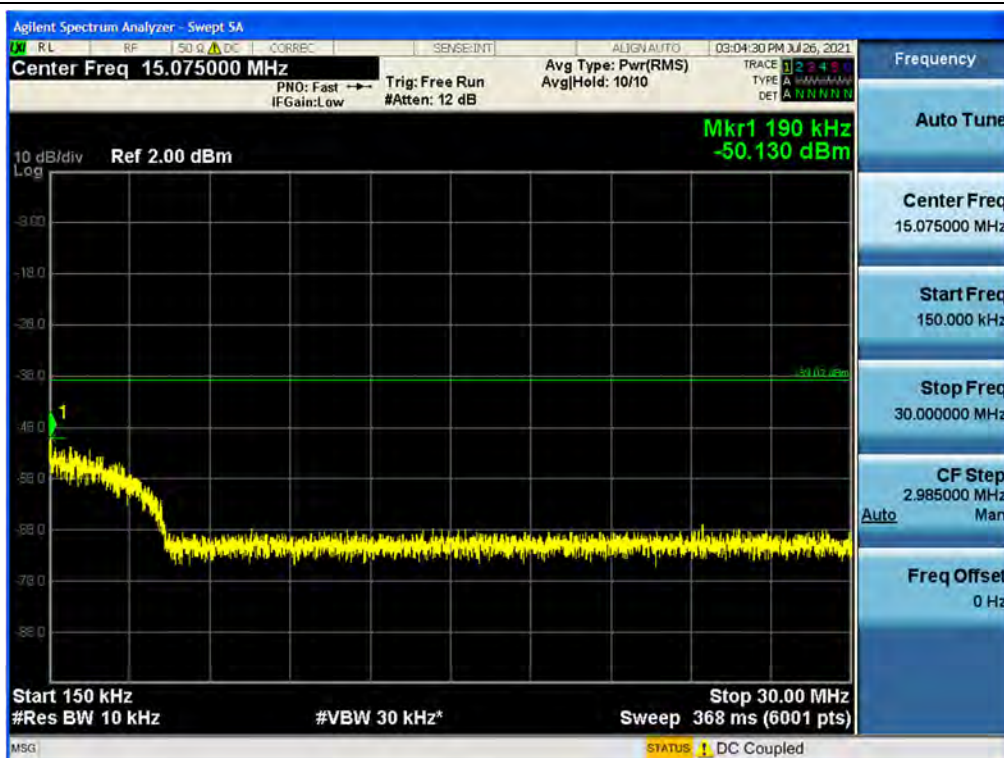
Mod.	Measured Level (dBm)							
	9 kHz ~ 150 kHz	150 kHz ~ 30 MHz	30 MHz ~ Low Edge - 100 MHz	Low Edge - 100 MHz ~ Low Edge	High Edge ~ High Edge + 100 MHz	High Edge + 100 MHz ~ 2 GHz (10 GHz)	2 GHz ~4 GHz (10 GHz ~ 26.5 GHz)	4 GHz ~ 6 GHz
QPSK	-20.880	-28.533	-28.180	-28.512	-26.394	-27.626	-25.676	-20.784
16QAM	-21.308	-28.509	-31.293	-28.509	-26.489	-27.694	-24.284	-20.814
64QAM	-22.051	-28.905	-29.882	-28.423	-26.069	-27.895	-25.377	-21.275
256QAM	-20.647	-27.904	-27.887	-28.439	-26.649	-27.728	-24.661	-20.971

Plot Data of Spurious Unwanted Emissions

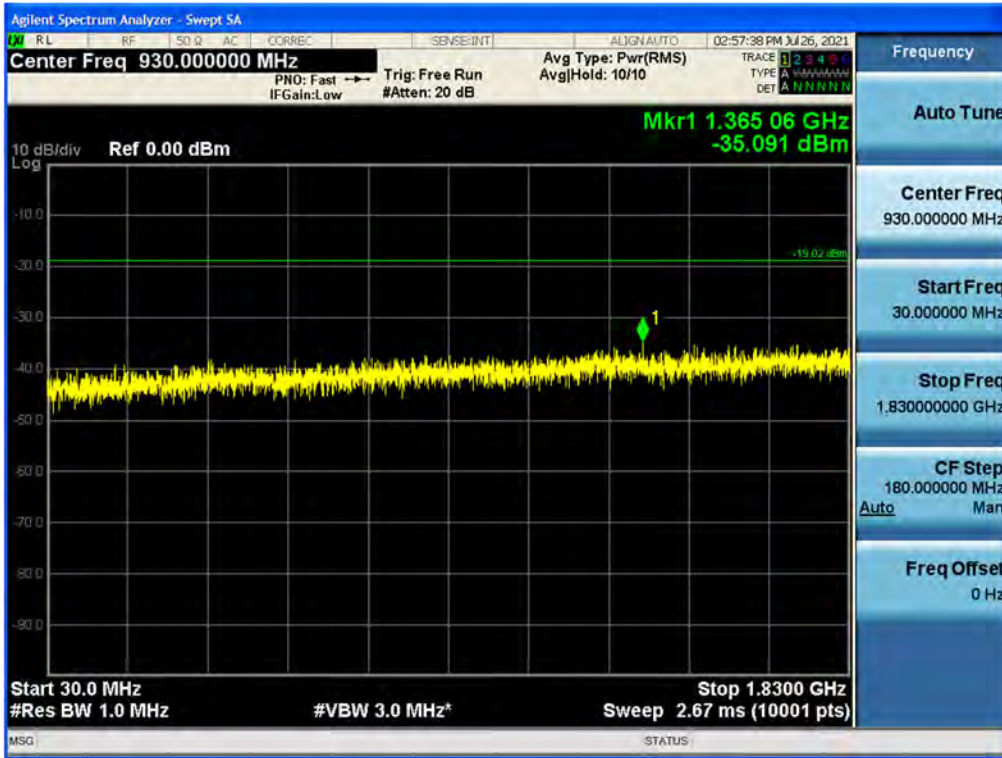
Antenna 1 / 9 kHz ~ 150 kHz / B2 LTE 5 MHz 1 Carrier / QPSK / Middle



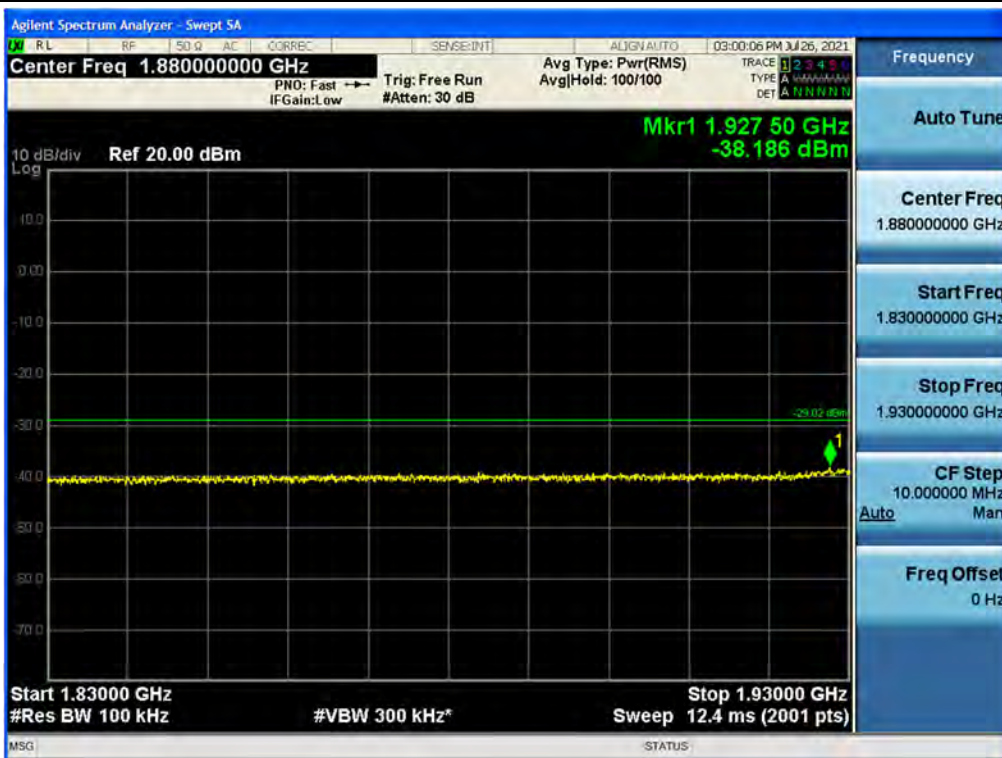
Antenna 1 / 150 kHz ~ 30 MHz / B2 LTE 5 MHz 1 Carrier / 256QAM / Middle



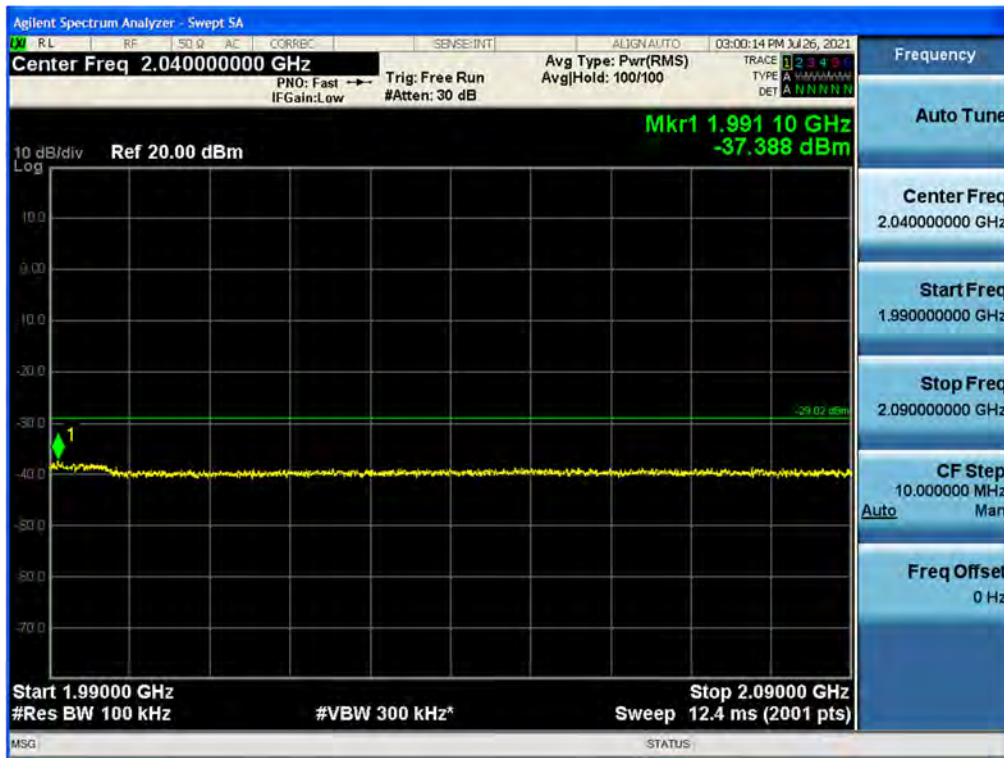
Antenna 1 / 30 MHz ~ Low Edge-100 / B2 LTE 5 MHz 1 Carrier / 16QAM / Middle



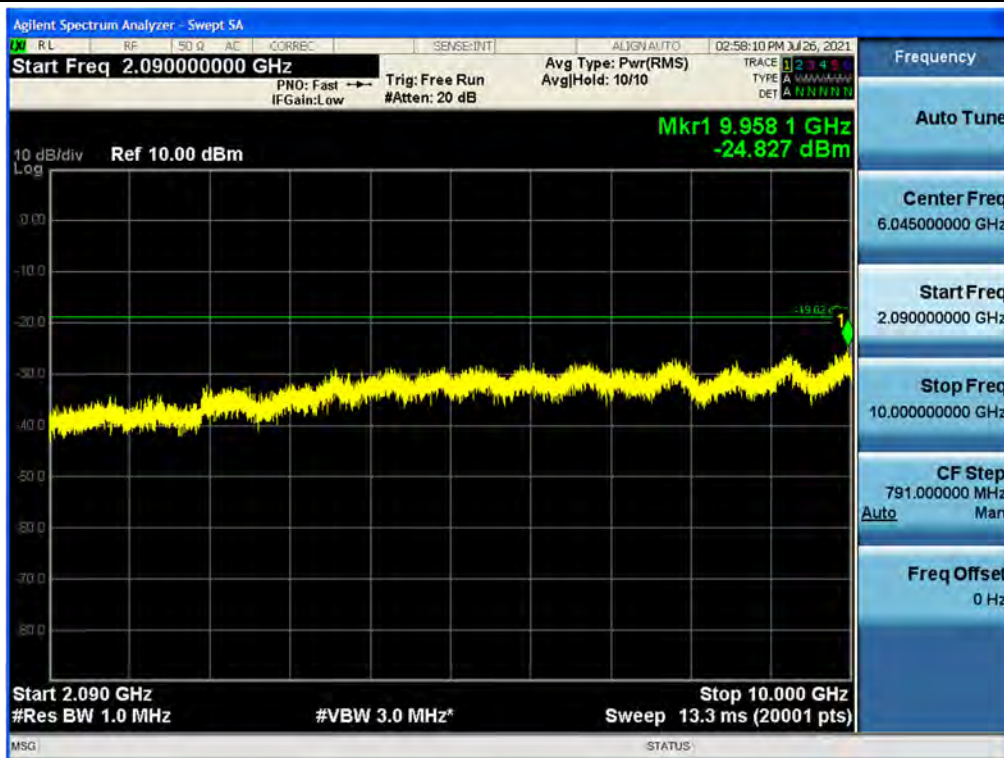
Antenna 1 / Low Edge-100 ~ Low Edge / B2 LTE 5 MHz 1 Carrier / 64QAM / Middle



Antenna 1 / High Edge ~ High Edge + 100 MHz / B2 LTE 5 MHz 1 Carrier / QP64QAM SK / Middle



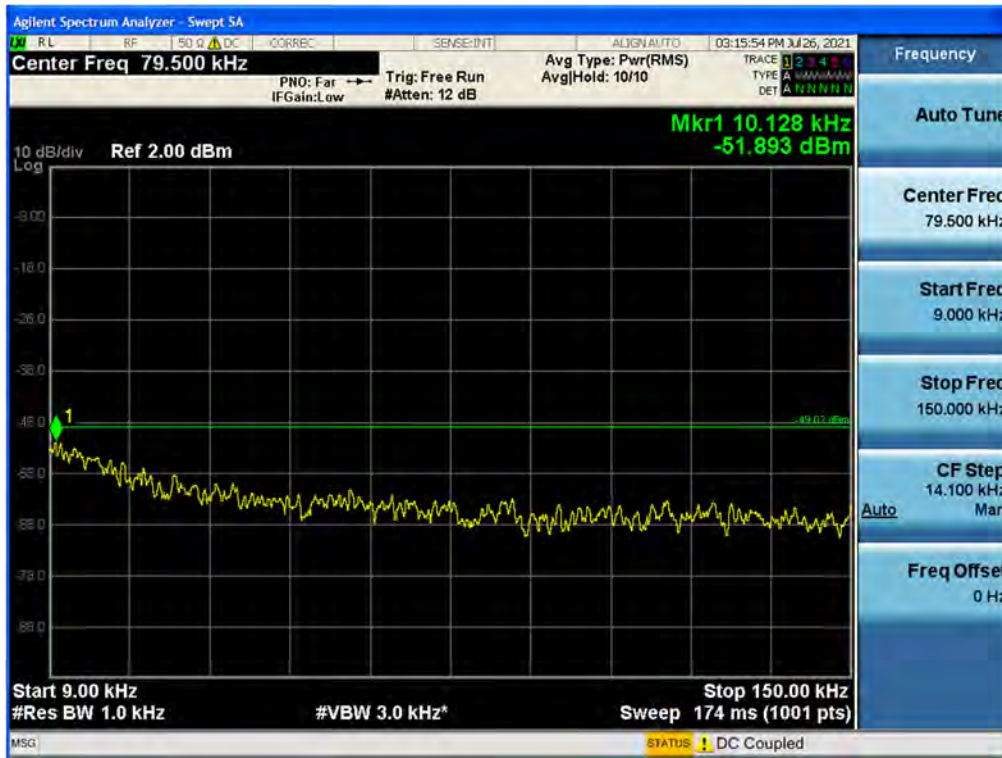
Antenna 1 / High Edge + 100 MHz ~ 10 GHz / B2 LTE 5 MHz 1 Carrier / 16QAM / Middle



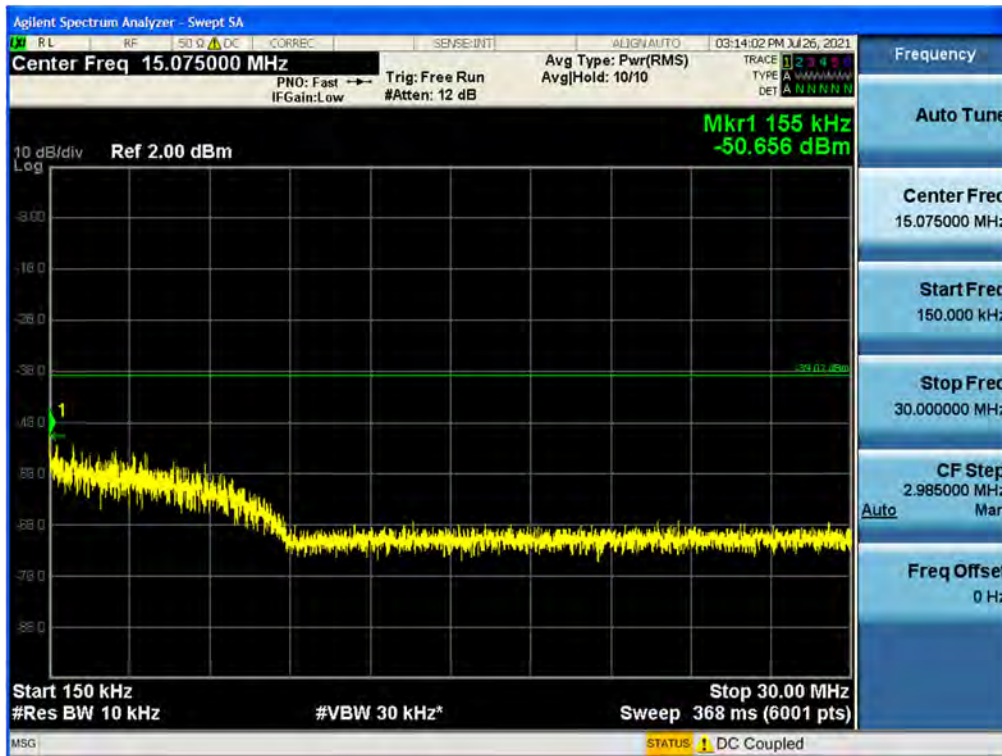
Antenna 1 / 10 GHz ~ 26.5 GHz / B2 LTE 5 MHz 1 Carrier / 16QAM / Middle



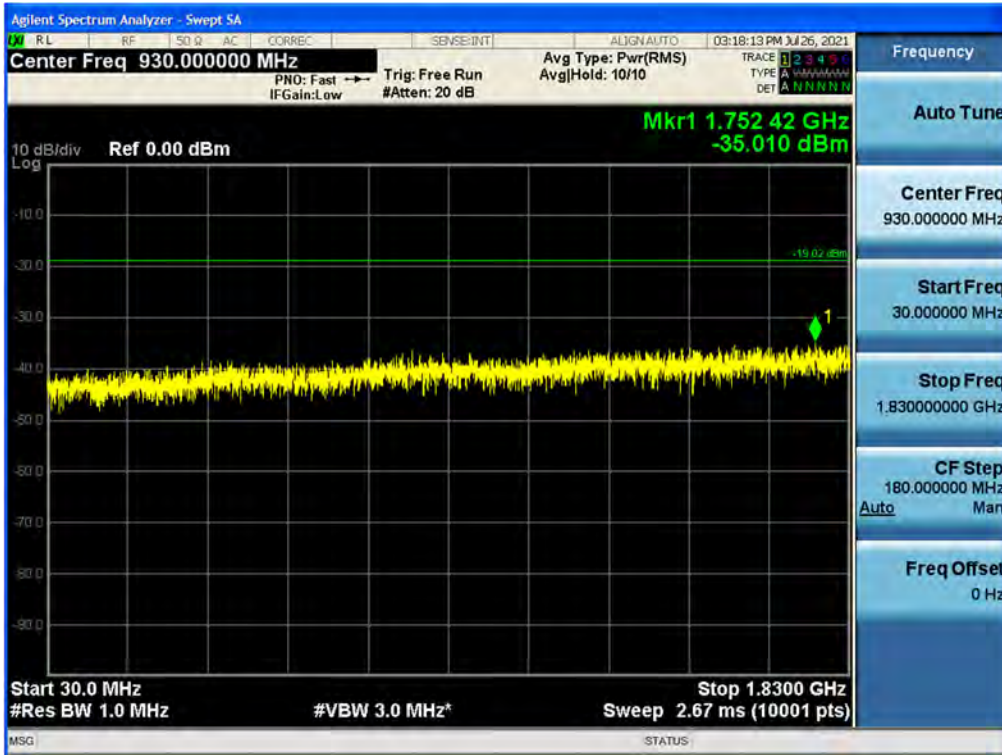
Antenna 1 / 9 kHz ~ 150 kHz / B2 LTE 10 MHz 1 Carrier / 64QAM / Middle



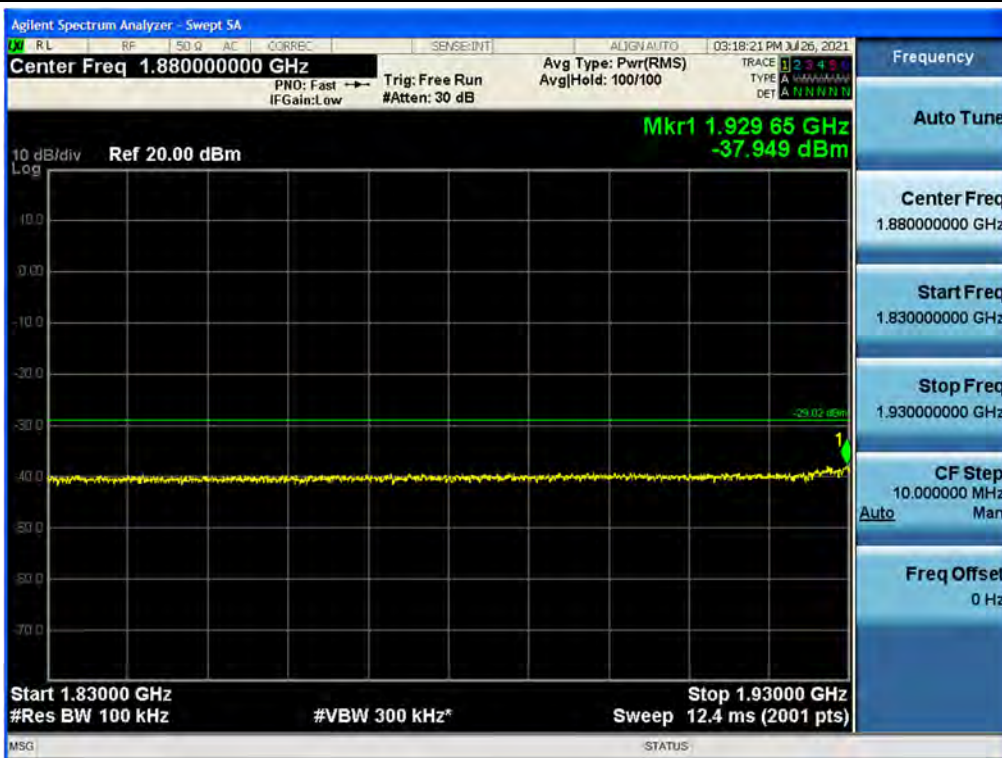
Antenna 1 / 150 kHz ~ 30 MHz / B2 LTE 10 MHz 1 Carrier / 16QAM / Middle



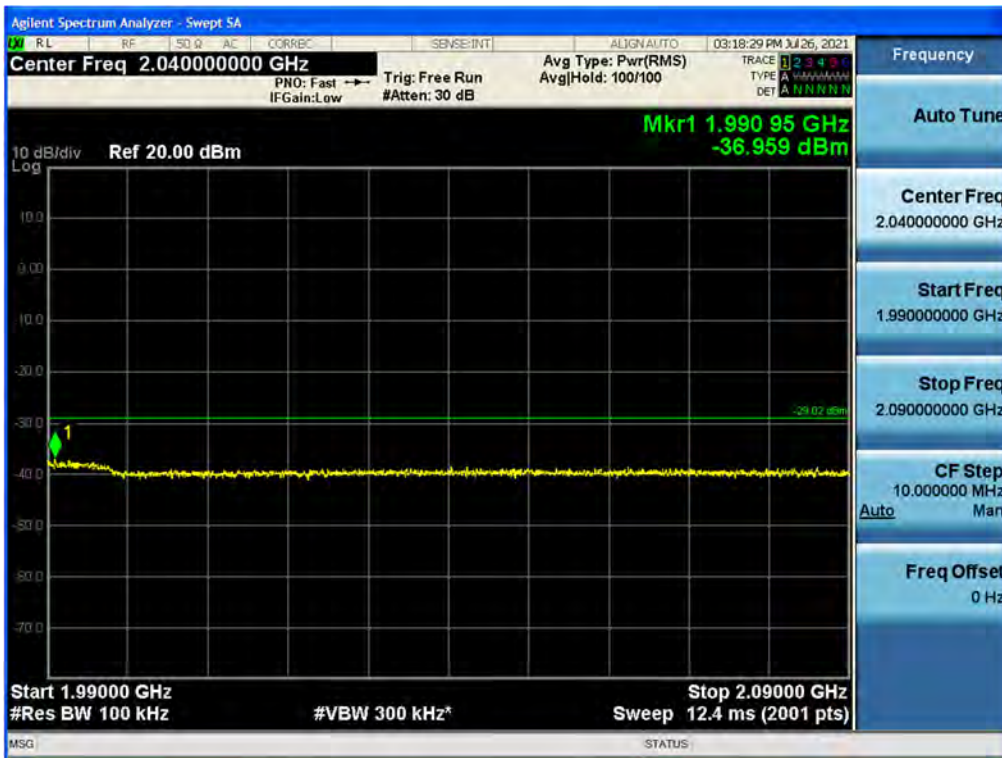
Antenna 1 / 30 MHz ~ Low Edge-100 / B2 LTE 10 MHz 1 Carrier / 256QAM / Middle



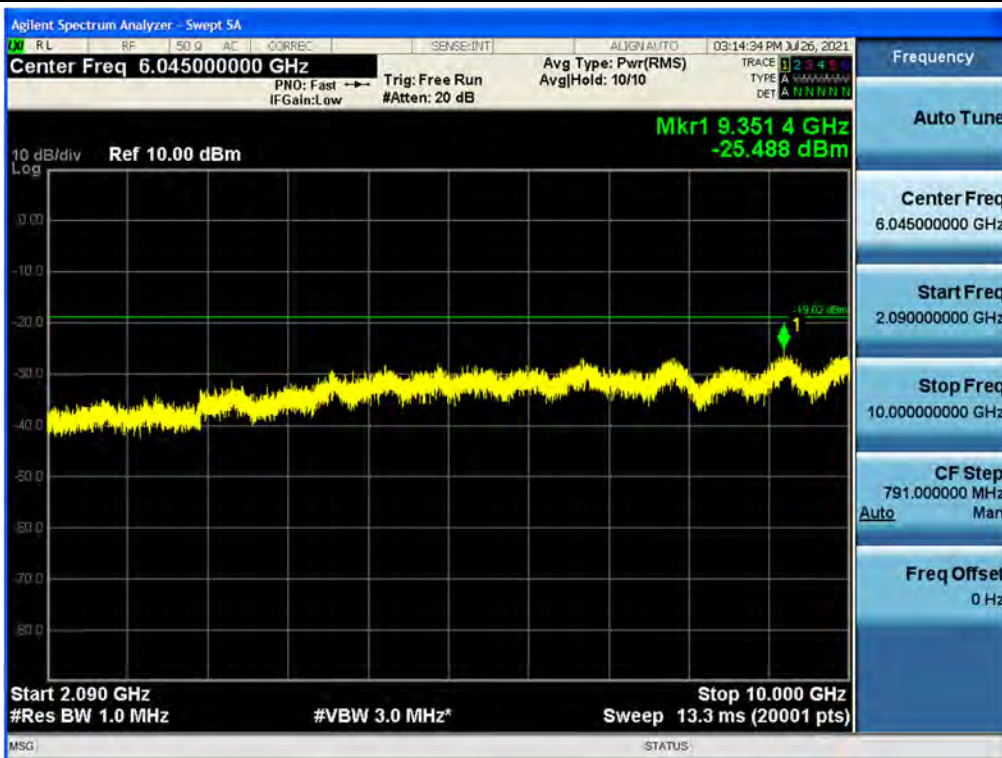
Antenna 1 / Low Edge-100 ~ Low Edge / B2 LTE 10 MHz 1 Carrier / 256QAM / Middle



Antenna 1 / High Edge ~ High Edge + 100 MHz / B2 LTE 10 MHz 1 Carrier / 256QAM / Middle



Antenna 1 / High Edge + 100 MHz ~ 10 GHz / B2 LTE 10 MHz 1 Carrier / 16QAM / Middle



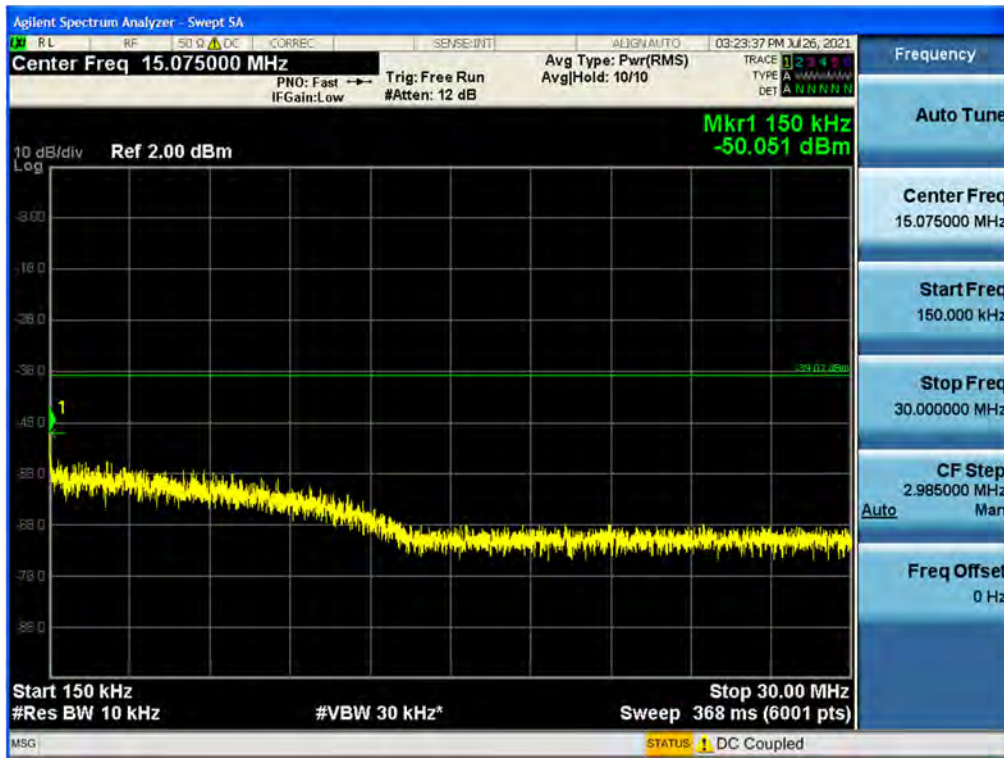
Antenna 1 / 10 GHz ~ 26.5 GHz / B2 LTE 10 MHz 1 Carrier / 256QAM / Middle



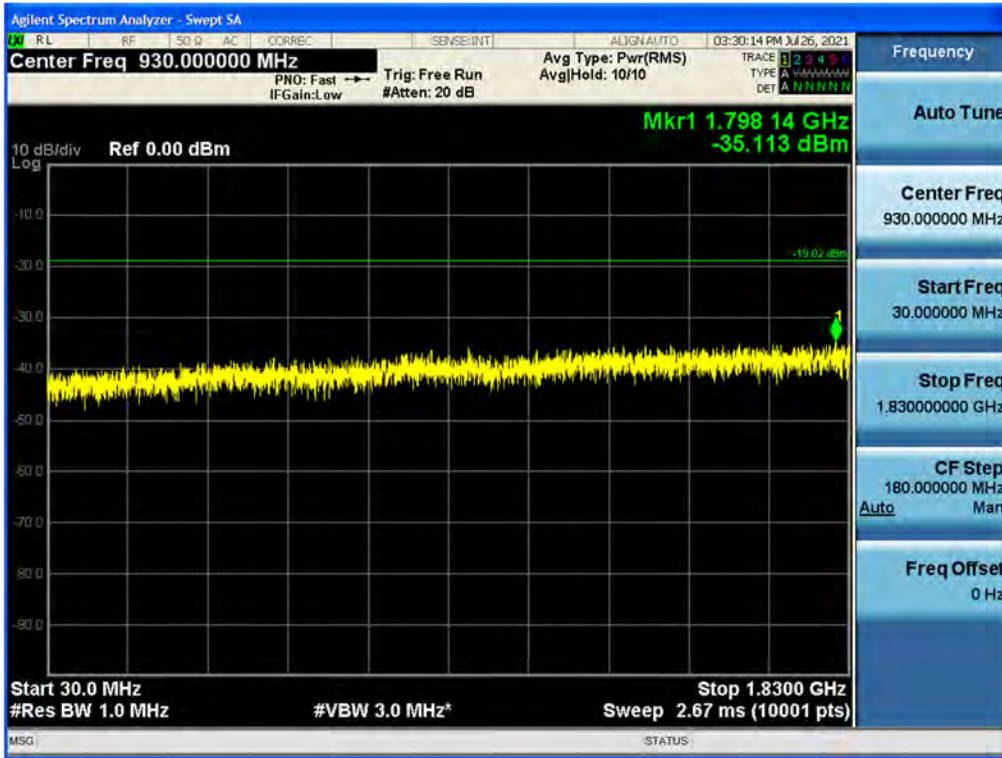
Antenna 1 / 9 kHz ~ 150 kHz / B2 LTE 15 MHz 1 Carrier / 16QAM / Middle



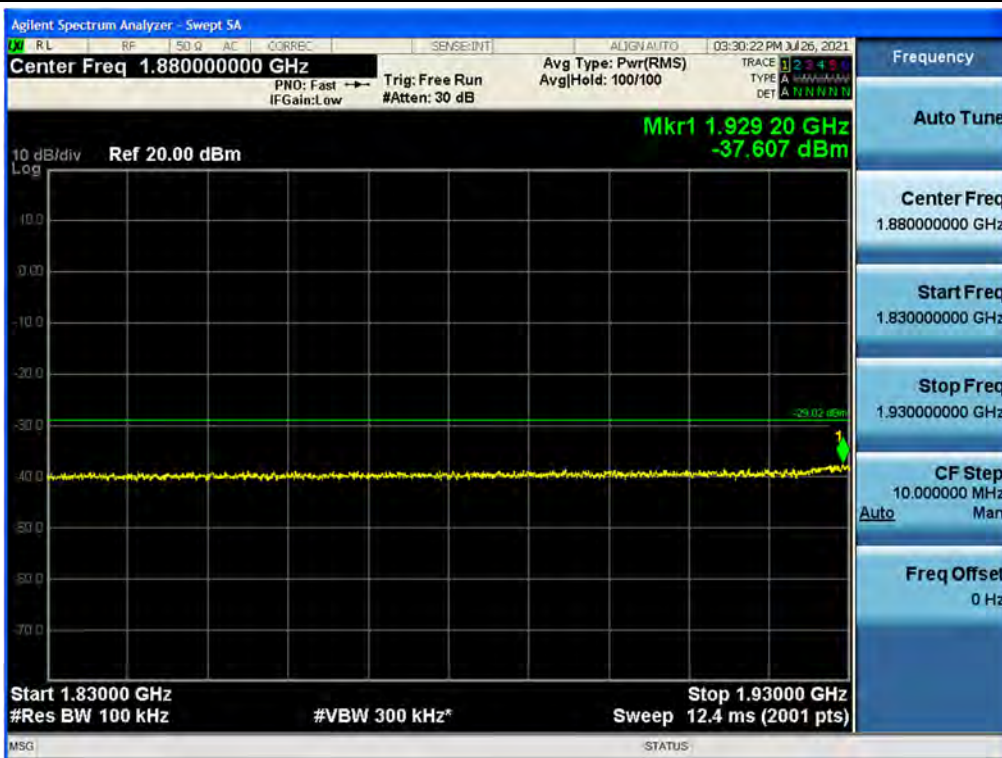
Antenna 1 / 150 kHz ~ 30 MHz / B2 LTE 15 MHz 1 Carrier / QPSK / Middle



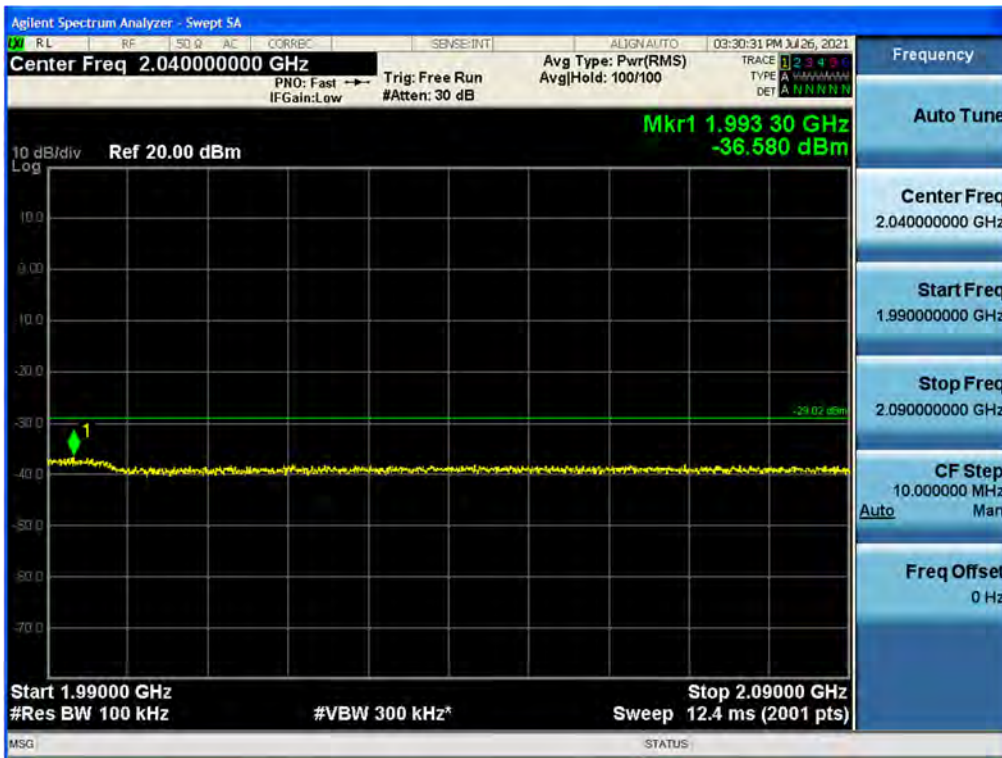
Antenna 1 / 30 MHz ~ Low Edge-100 / B2 LTE 15 MHz 1 Carrier / 256QAM / Middle



Antenna 1 / Low Edge-100 ~ Low Edge / B2 LTE 15 MHz 1 Carrier / 256QAM / Middle



Antenna 1 / High Edge ~ High Edge + 100 MHz / B2 LTE 15 MHz 1 Carrier / 256QAM / Middle



Antenna 1 / High Edge + 100 MHz ~ 10 GHz / B2 LTE 15 MHz 1 Carrier / 256QAM / Middle



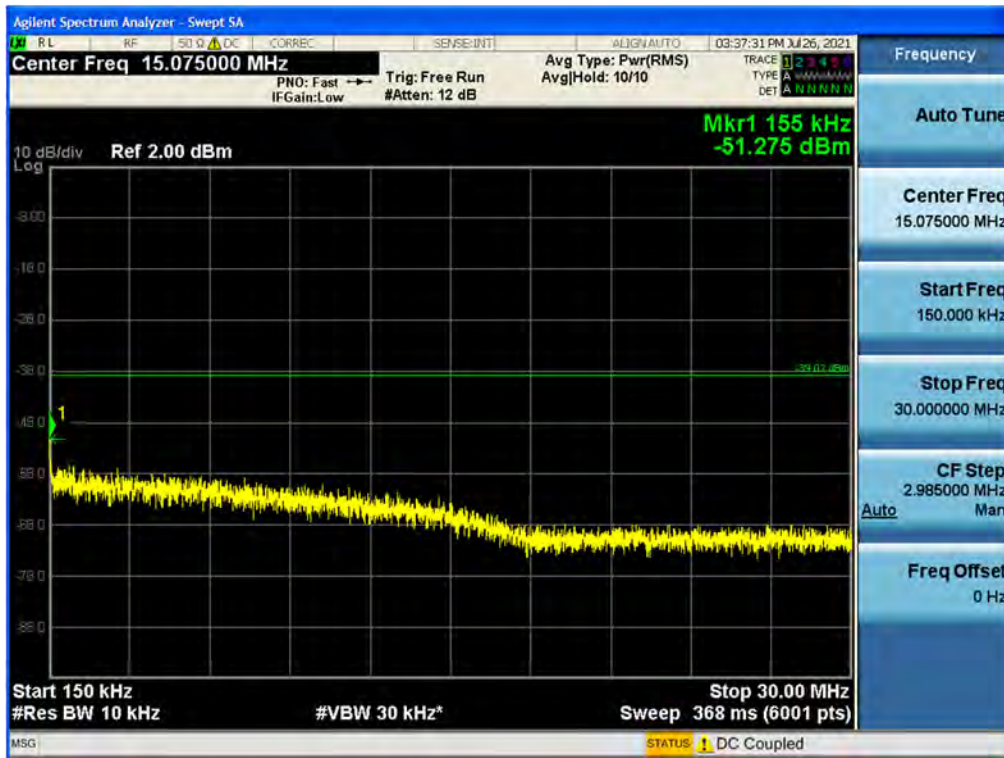
Antenna 1 / 10 GHz ~ 26.5 GHz / B2 LTE 15 MHz 1 Carrier / 16QAM / Middle



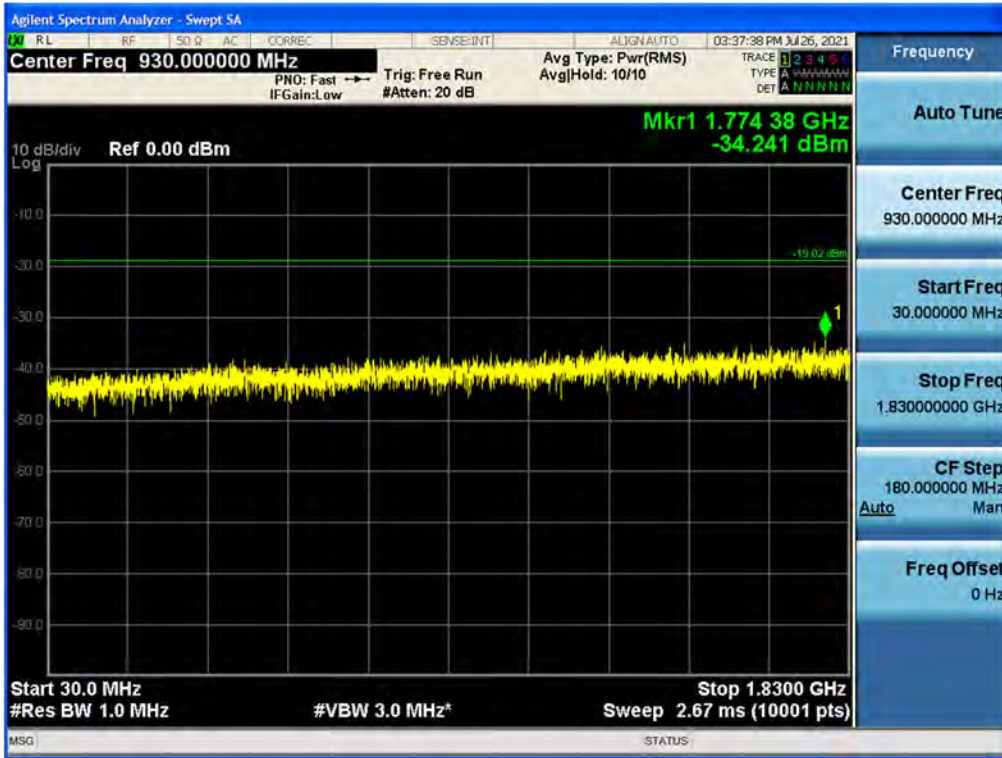
Antenna 1 / 9 kHz ~ 150 kHz / B2 LTE 20 MHz 1 Carrier / QPSK / Middle



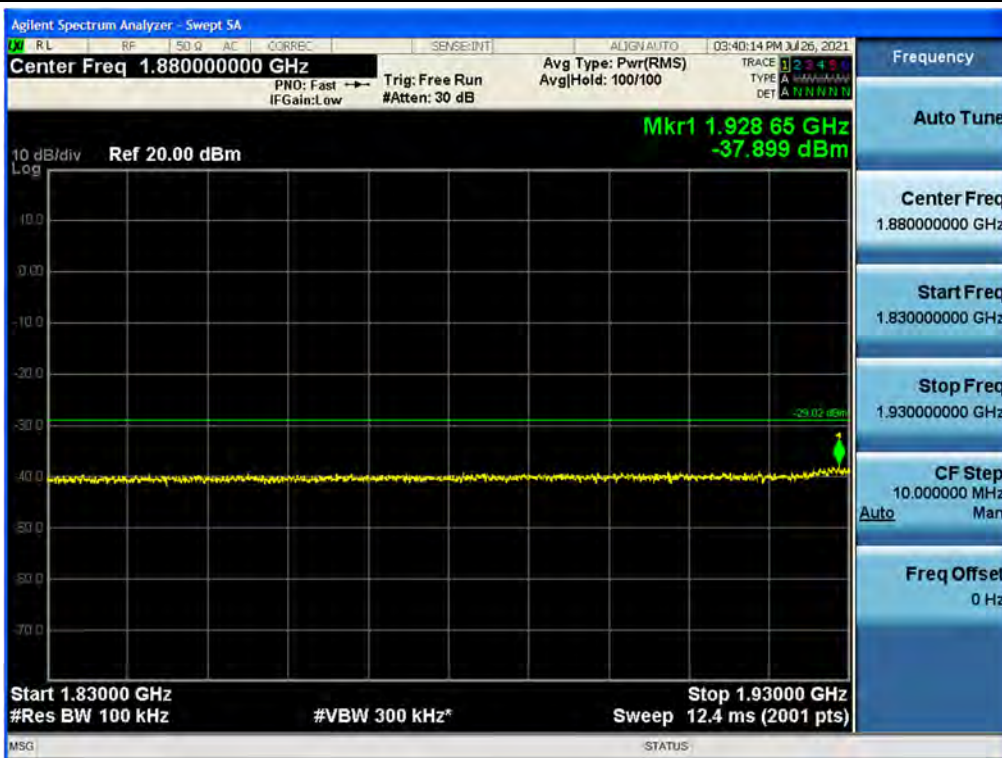
Antenna 1 / 150 kHz ~ 30 MHz / B2 LTE 20 MHz 1 Carrier / 16QAM / Middle



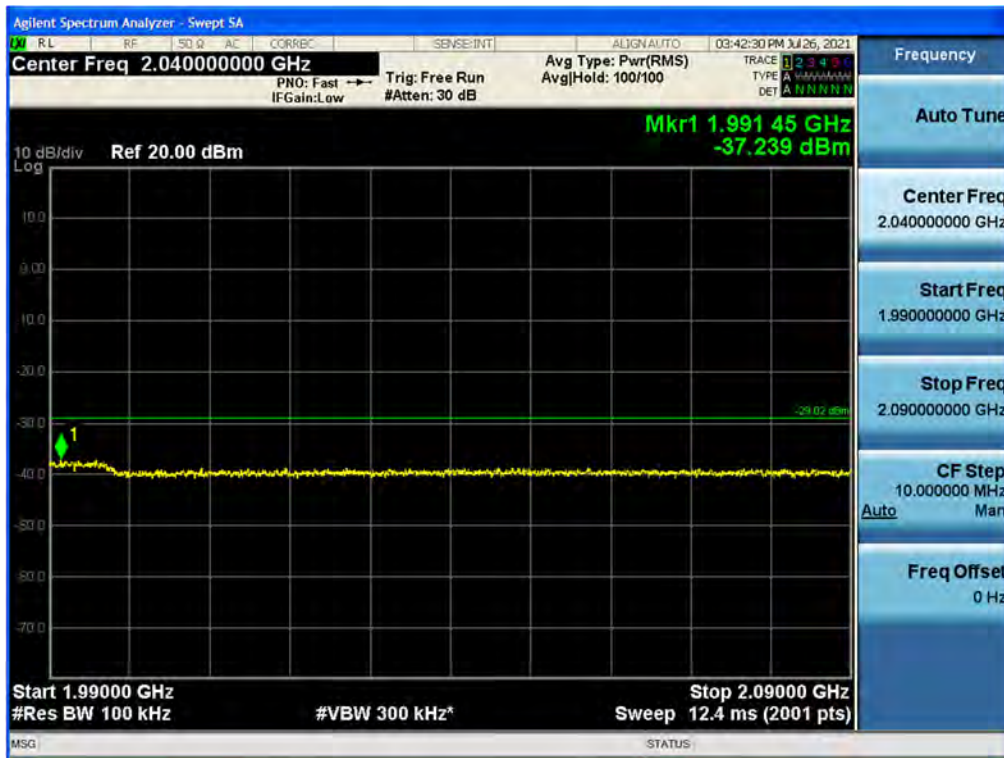
Antenna 1 / 30 MHz ~ Low Edge-100 / B2 LTE 20 MHz 1 Carrier / 16QAM / Middle



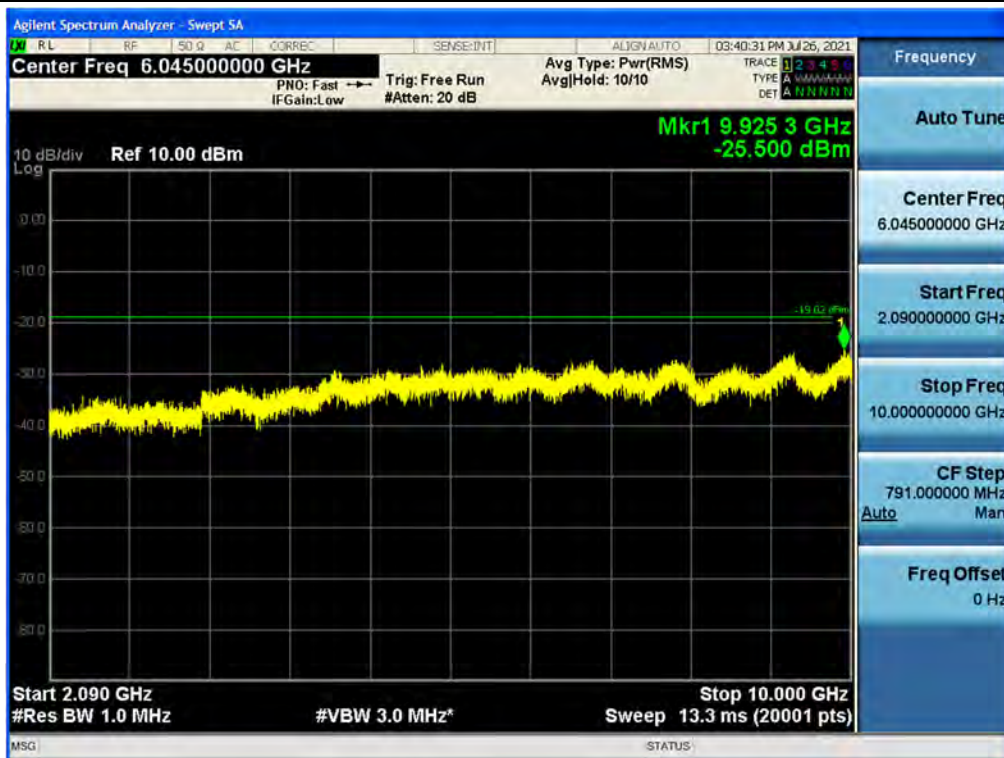
Antenna 1 / Low Edge-100 ~ Low Edge / B2 LTE 20 MHz 1 Carrier / 64QAM / Middle



Antenna 1 / High Edge ~ High Edge + 100 MHz / B2 LTE 20 MHz 1 Carrier / 256QAM / Middle



Antenna 1 / High Edge + 100 MHz ~ 10 GHz / B2 LTE 20 MHz 1 Carrier / 64QAM / Middle



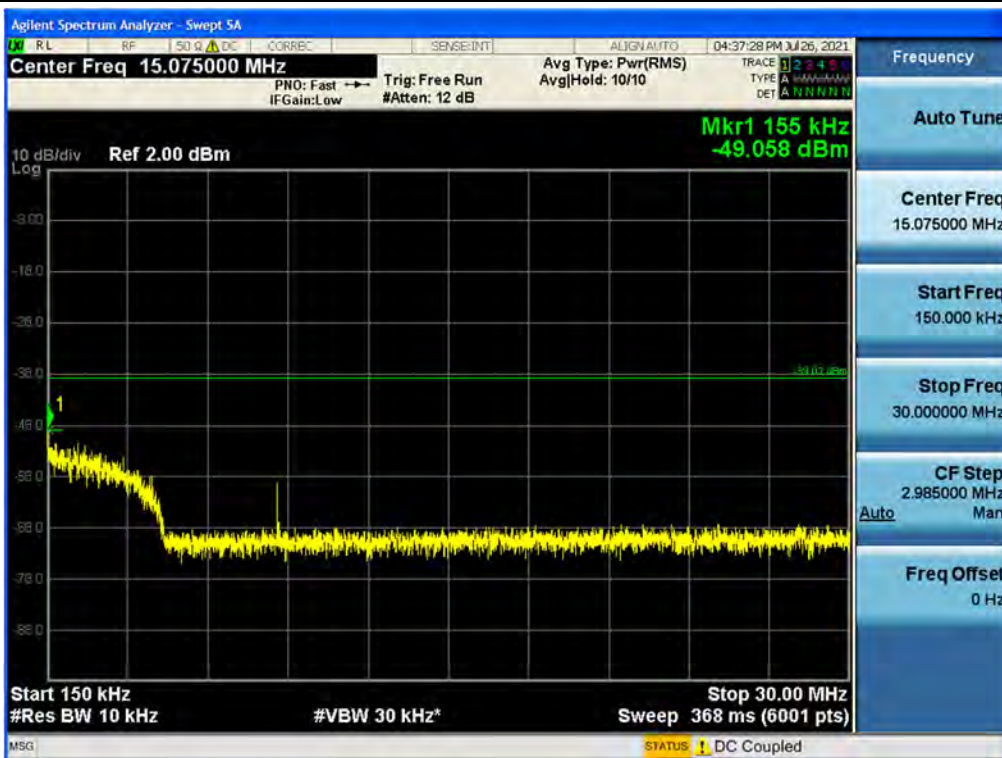
Antenna 1 / 10 GHz ~ 26.5 GHz / B2 LTE 20 MHz 1 Carrier / 256QAM / Middle



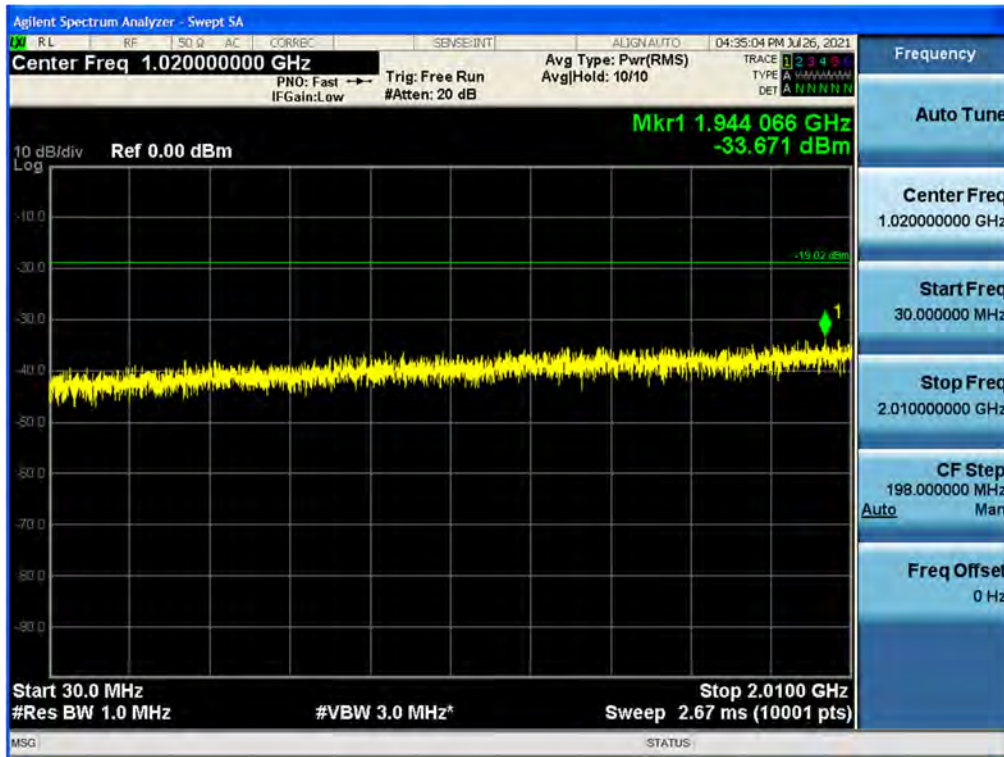
Antenna 2 / 9 kHz ~ 150 kHz / B66 LTE 5 MHz 1 Carrier / QPSK / Middle



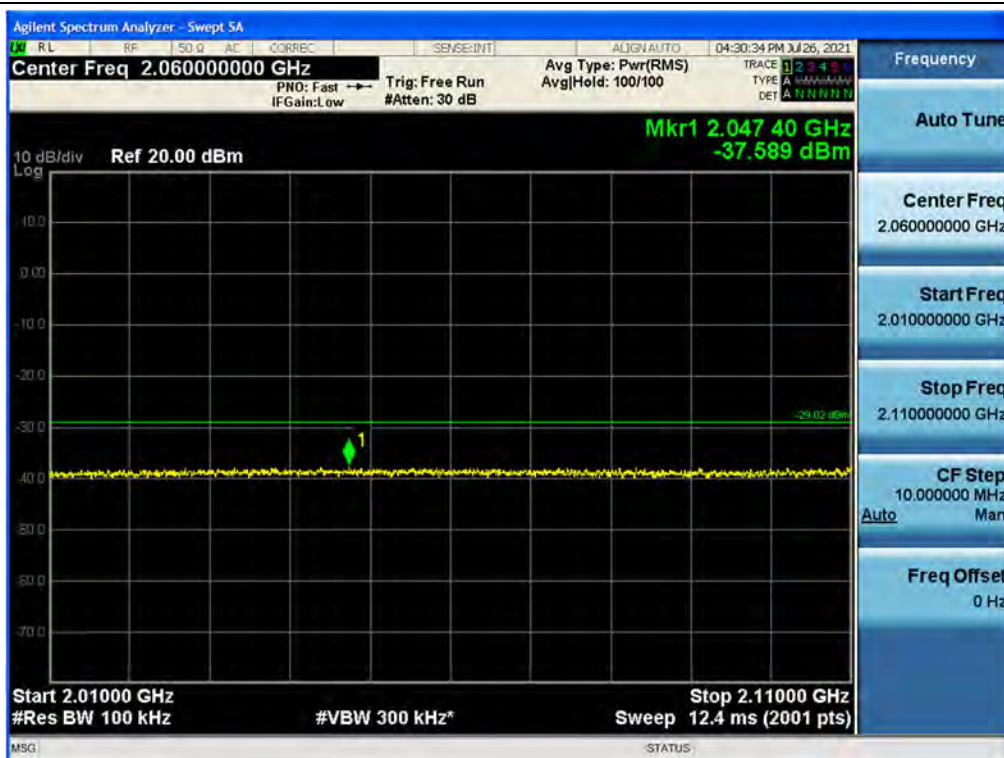
Antenna 2 / 150 kHz ~ 30 MHz / B66 LTE 5 MHz 1 Carrier / 256QAM / Middle



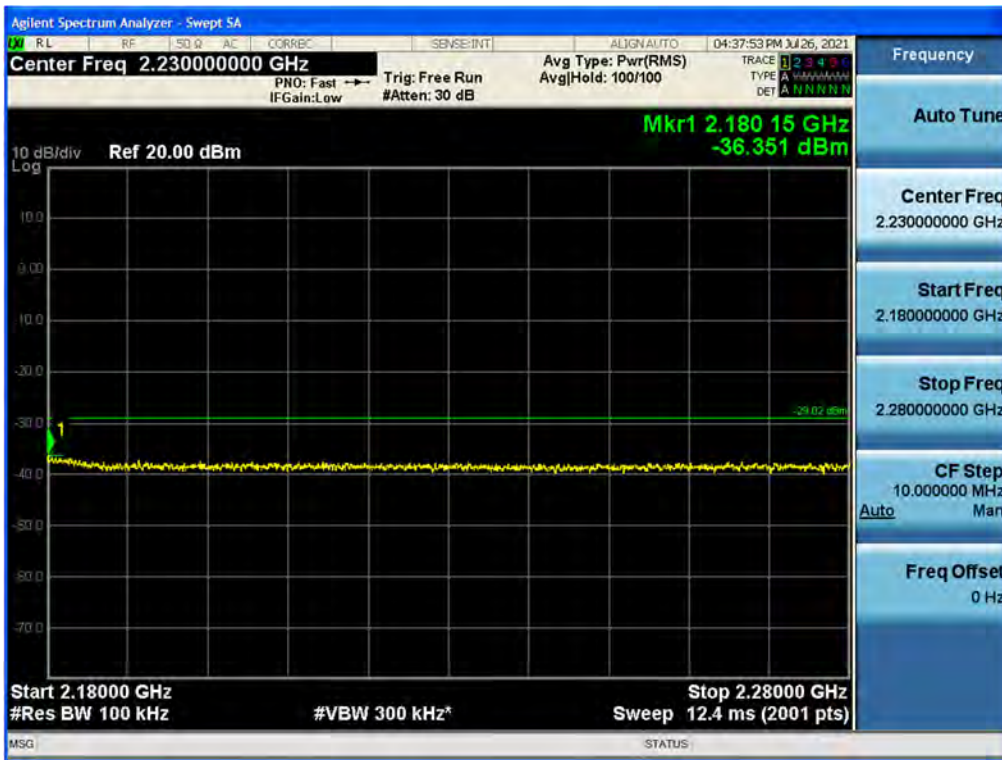
Antenna 2 / 30 MHz ~ Low Edge-100 / B66 LTE 5 MHz 1 Carrier / 64QAM / Middle



Antenna 2 / Low Edge-100 ~ Low Edge / B66 LTE 5 MHz 1 Carrier / QPSK / Middle



Antenna 2 / High Edge ~ High Edge + 100 MHz / B66 LTE 5 MHz 1 Carrier / 256QAM / Middle



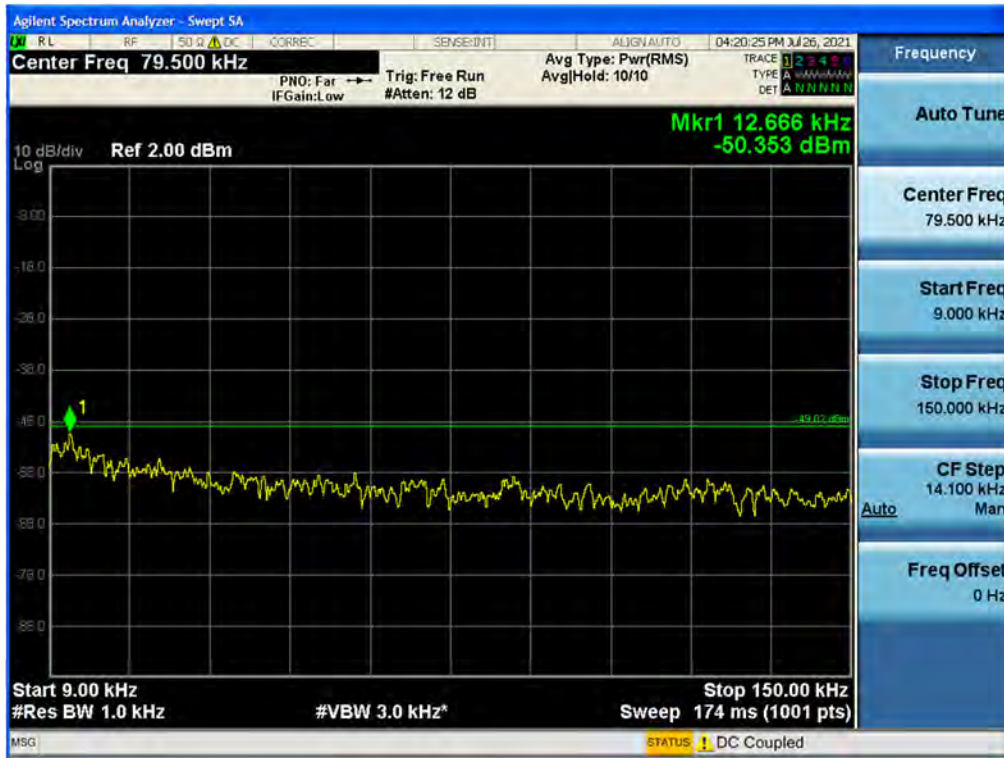
Antenna 2 / High Edge + 100 MHz ~ 10 GHz / B66 LTE 5 MHz 1 Carrier / 64QAM / Middle



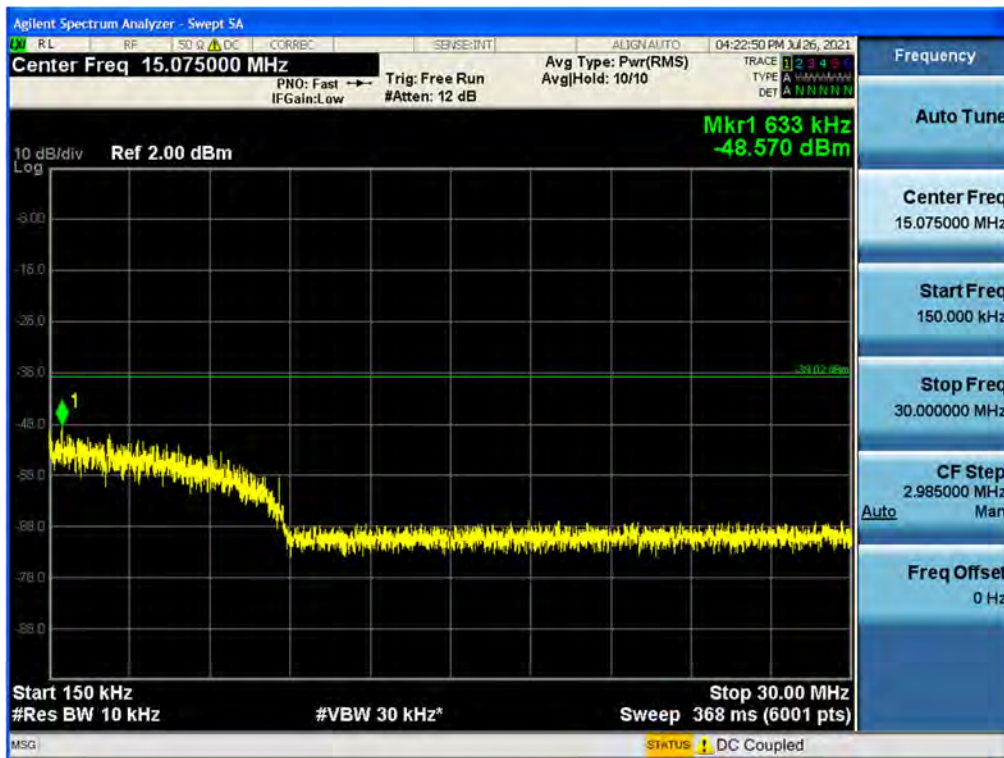
Antenna 2 / 10 GHz ~ 26.5 GHz / B66 LTE 5 MHz 1 Carrier / QPSK / Middle



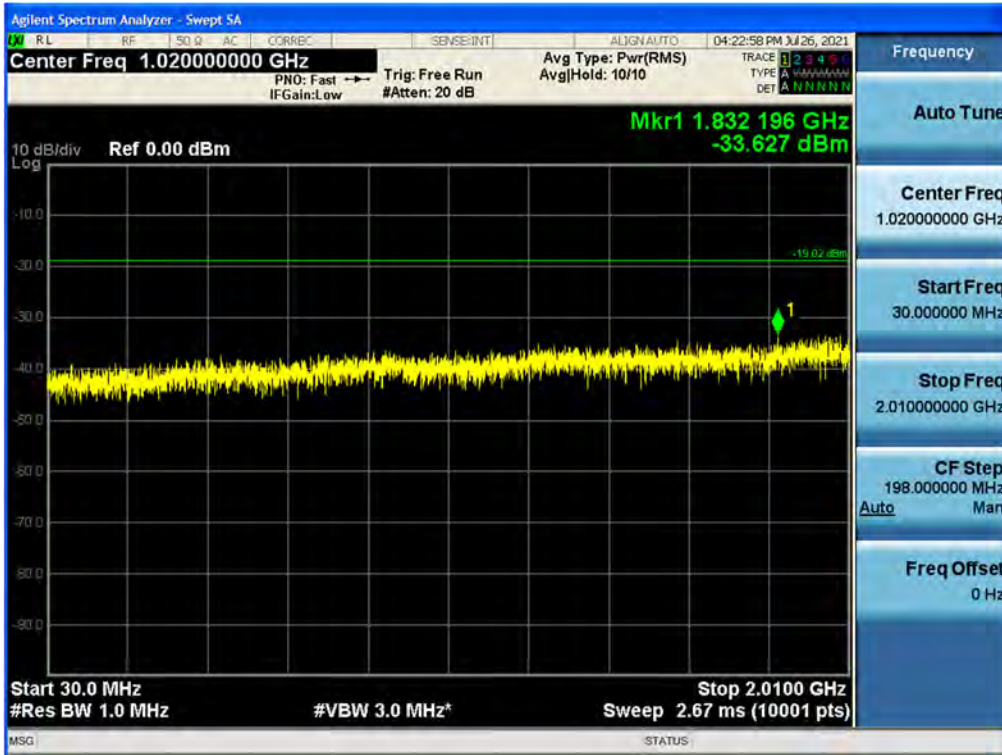
Antenna 2 / 9 kHz ~ 150 kHz / B66 LTE 10 MHz 1 Carrier / 16QAM / Middle



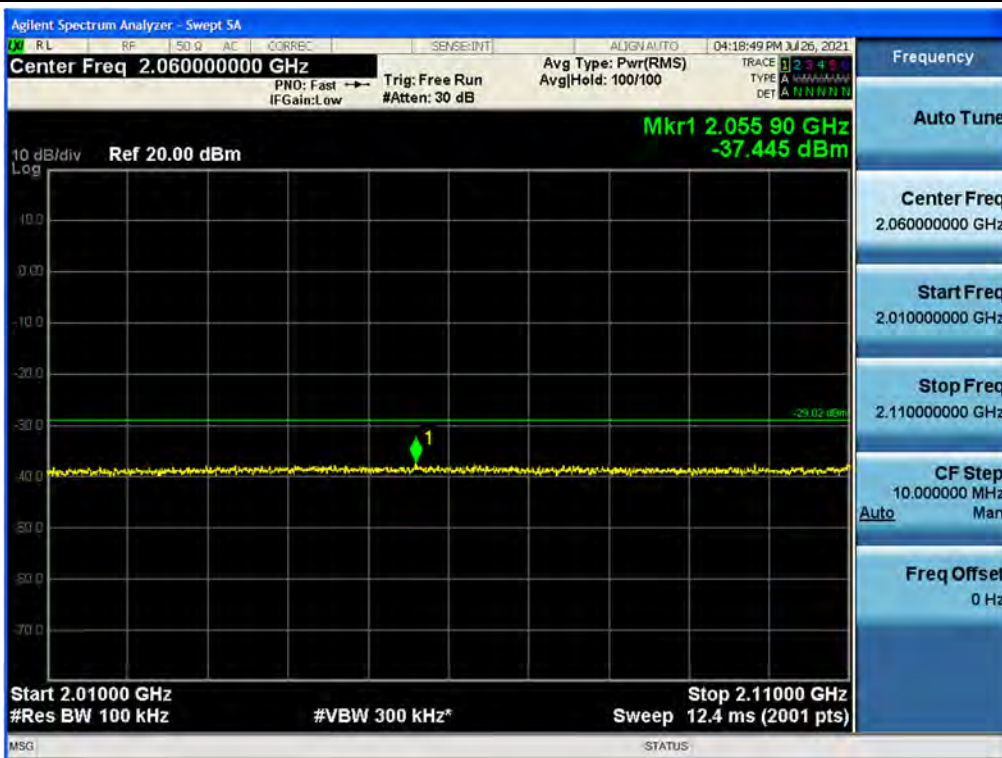
Antenna 2 / 150 kHz ~ 30 MHz / B66 LTE 10 MHz 1 Carrier / 64QAM / Middle



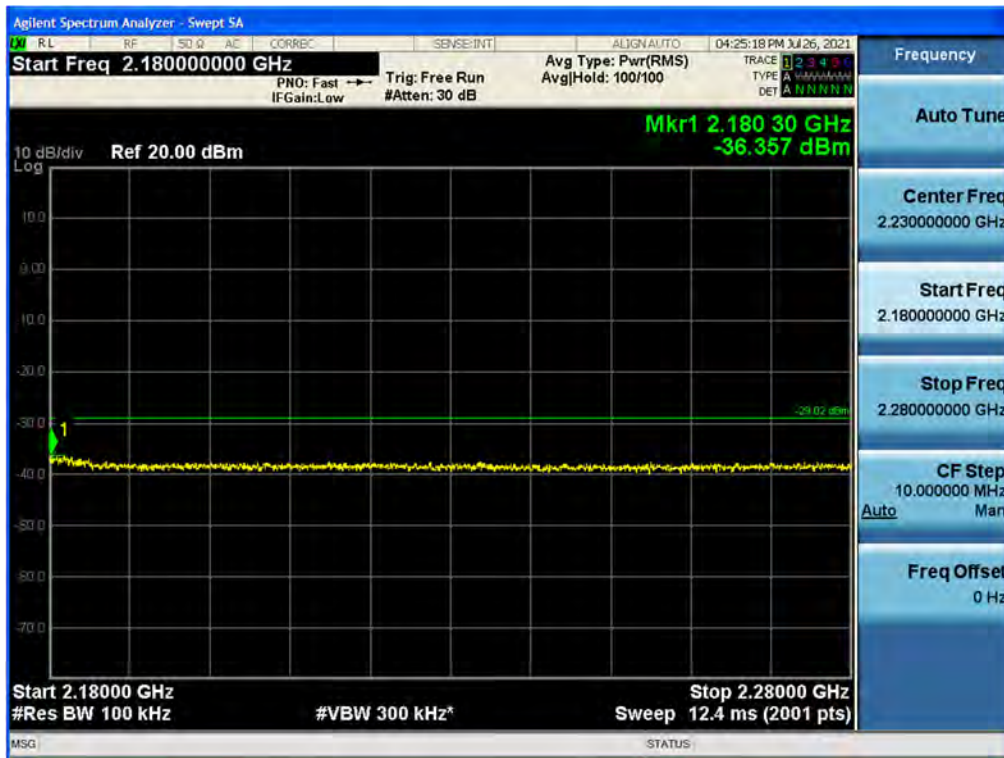
Antenna 2 / 30 MHz ~ Low Edge-100 / B66 LTE 10 MHz 1 Carrier / 64QAM / Middle



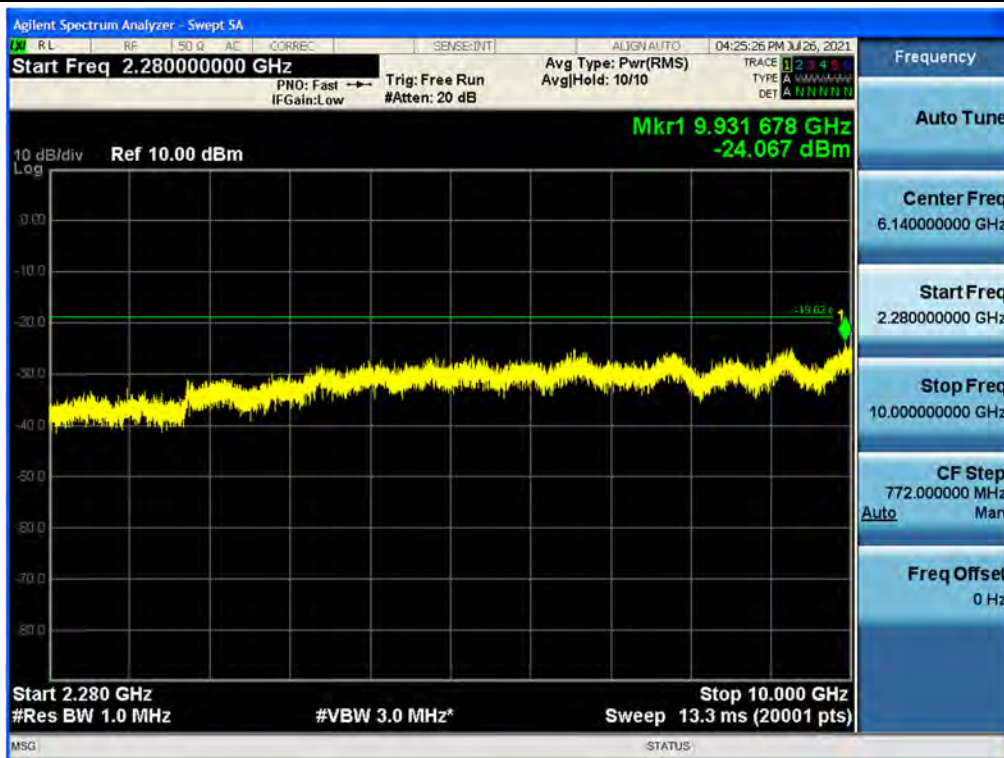
Antenna 2 / Low Edge-100 ~ Low Edge / B66 LTE 10 MHz 1 Carrier / QPSK / Middle



Antenna 2 / High Edge ~ High Edge + 100 MHz / B66 LTE 10 MHz 1 Carrier / 256QAM / Middle



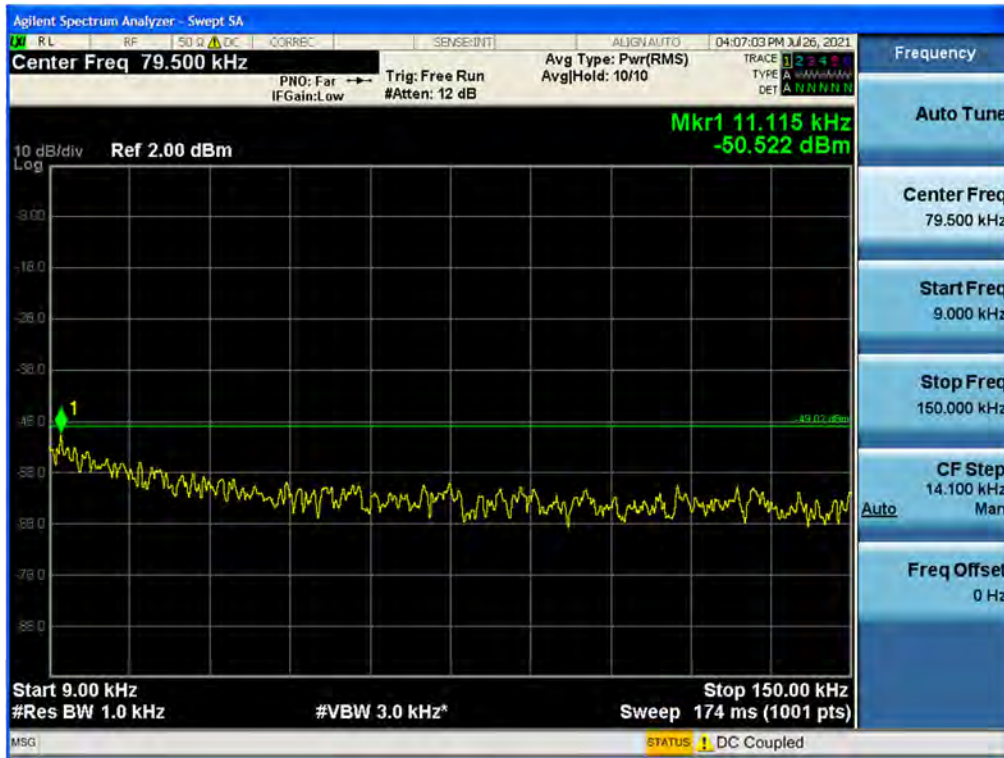
Antenna 2 / High Edge + 100 MHz ~ 10 GHz / B66 LTE 10 MHz 1 Carrier / 256QAM / Middle



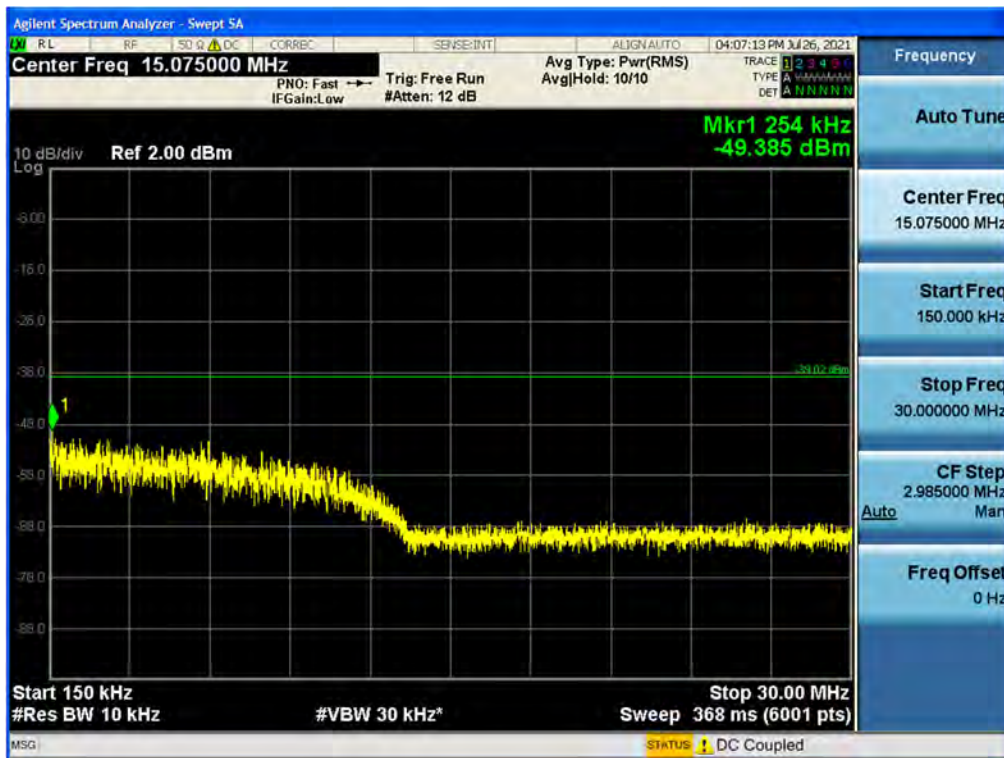
Antenna 2 / 10 GHz ~ 26.5 GHz / B66 LTE 10 MHz 1 Carrier / 64QAM / Middle



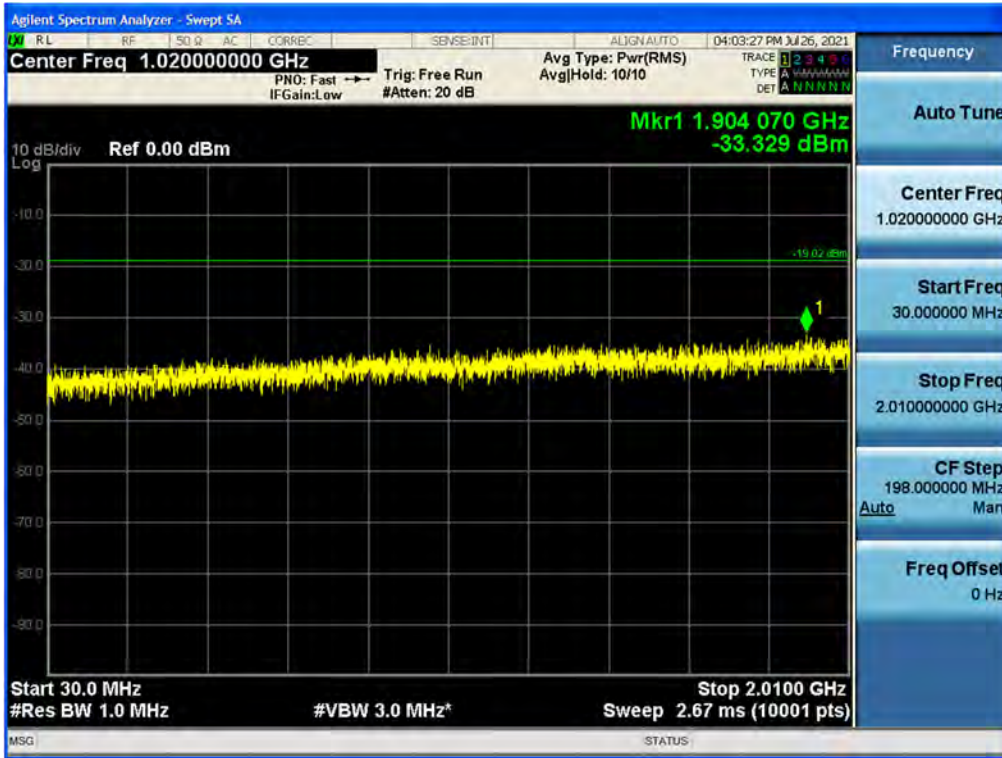
Antenna 2 / 9 kHz ~ 150 kHz / B66 LTE 15 MHz 1 Carrier / 64QAM / Middle



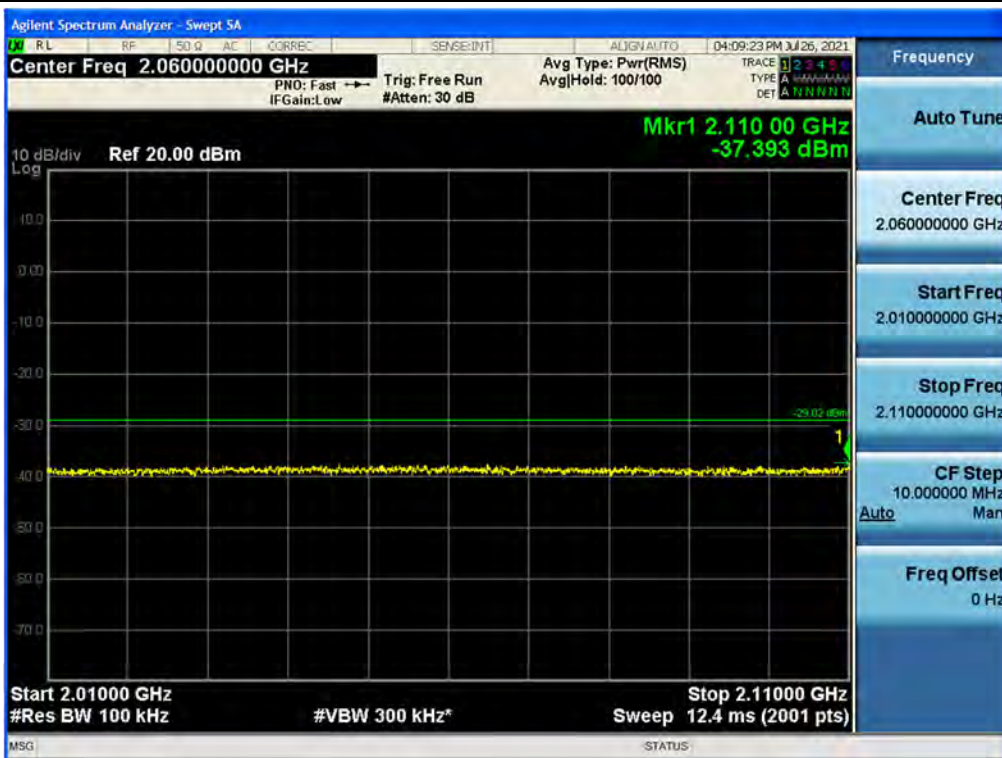
Antenna 2 / 150 kHz ~ 30 MHz / B66 LTE 15 MHz 1 Carrier / 64QAM / Middle



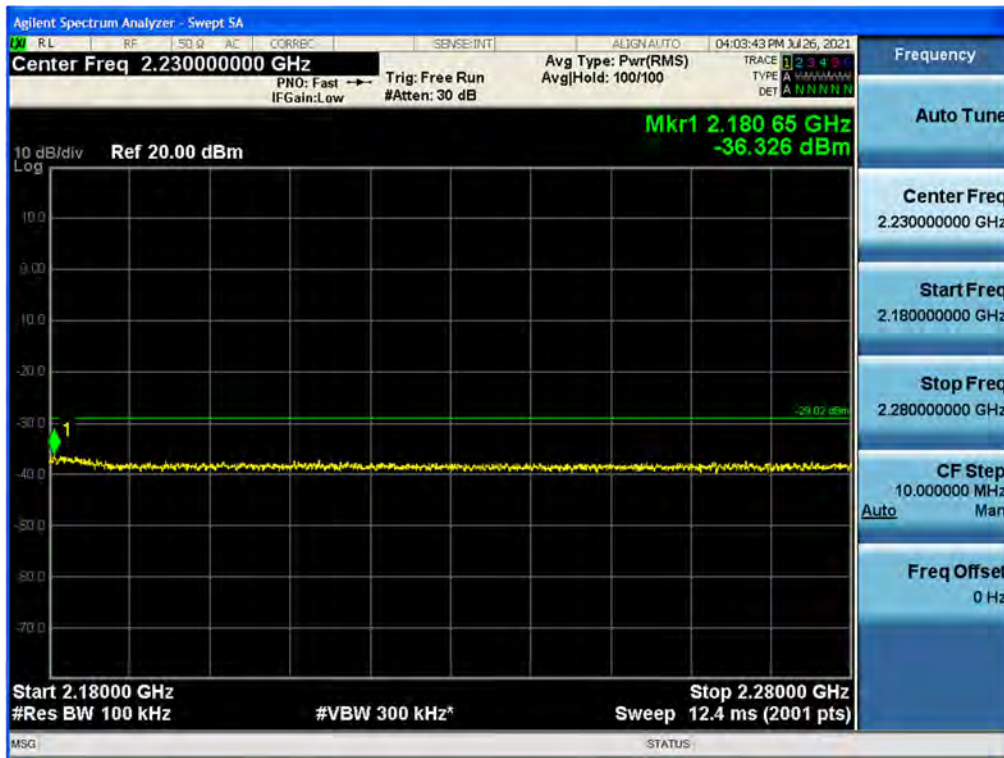
Antenna 2 / 30 MHz ~ Low Edge-100 / B66 LTE 15 MHz 1 Carrier / QPSK / Middle



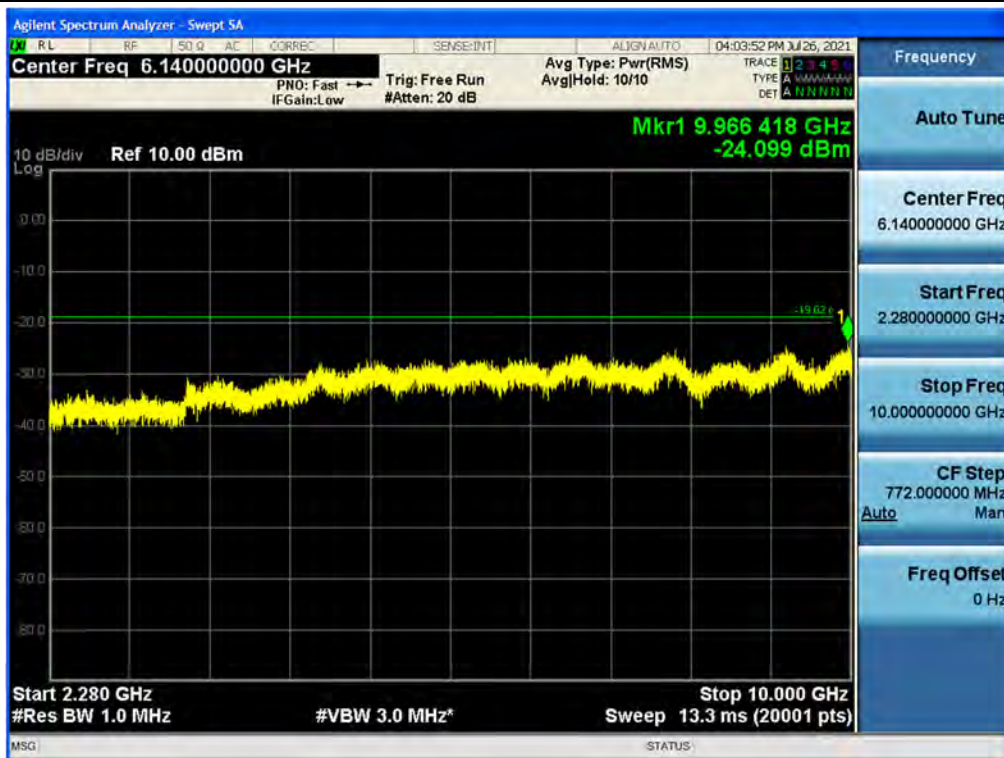
Antenna 2 / Low Edge-100 ~ Low Edge / B66 LTE 15 MHz 1 Carrier / 256QAM / Middle



Antenna 2 / High Edge ~ High Edge + 100 MHz / B66 LTE 15 MHz 1 Carrier / QPSK / Middle



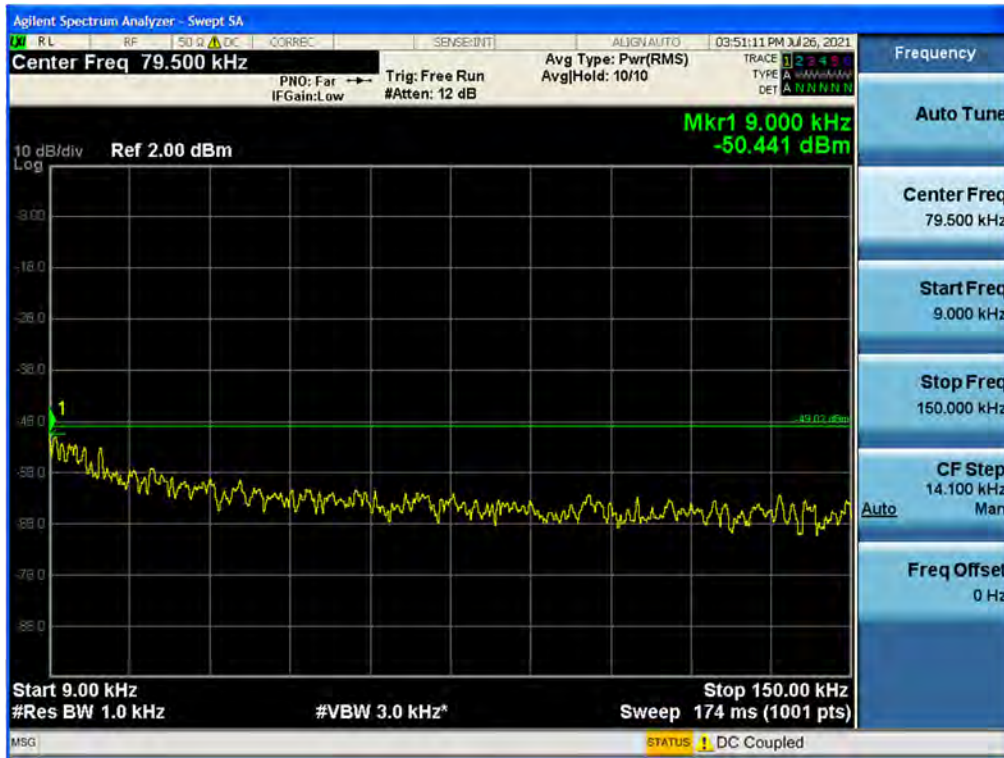
Antenna 2 / High Edge + 100 MHz ~ 10 GHz / B66 LTE 15 MHz 1 Carrier / QPSK / Middle



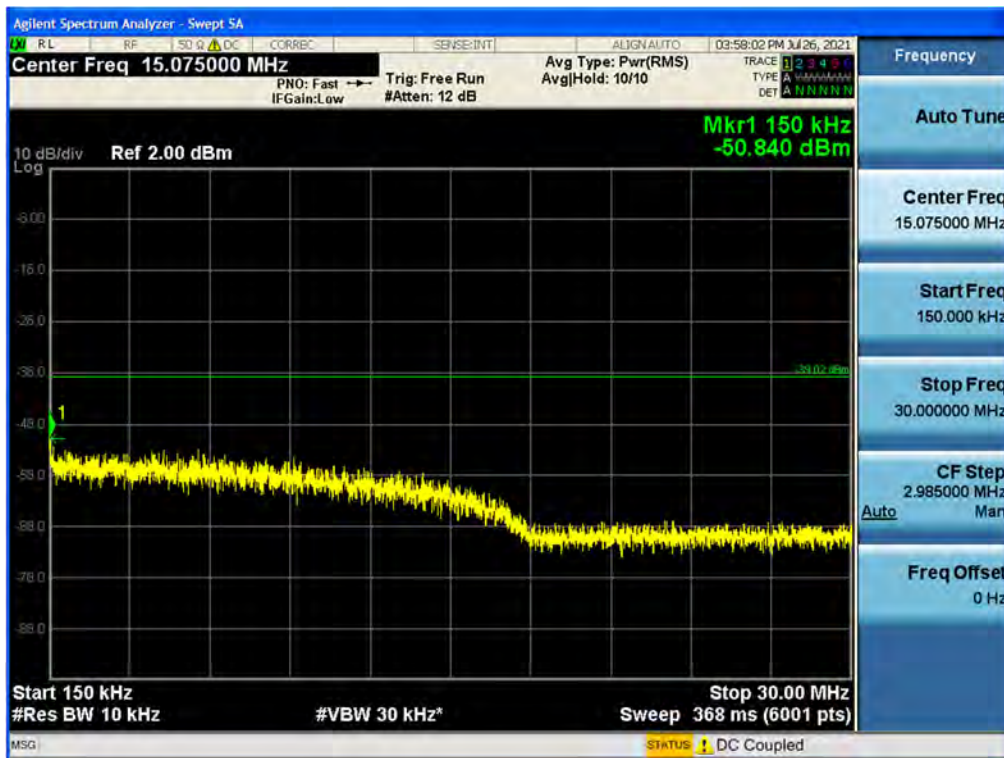
Antenna 2 / 10 GHz ~ 26.5 GHz / B66 LTE 15 MHz 1 Carrier / QPSK / Middle



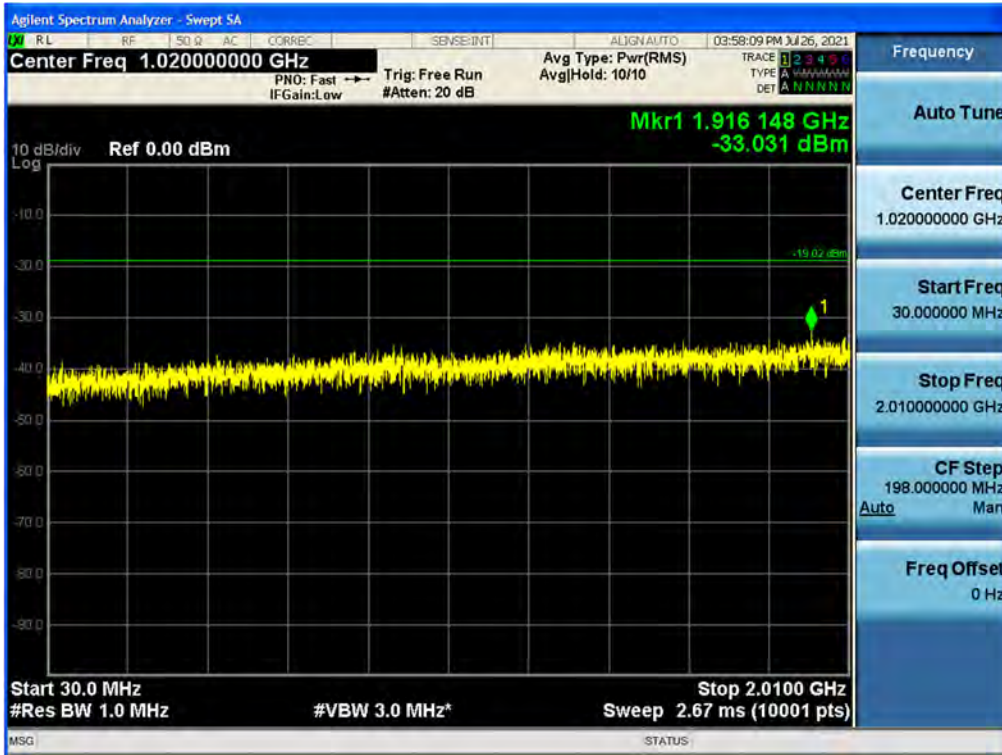
Antenna 2 / 9 kHz ~ 150 kHz / B66 LTE 20 MHz 1 Carrier / QPSK / Middle



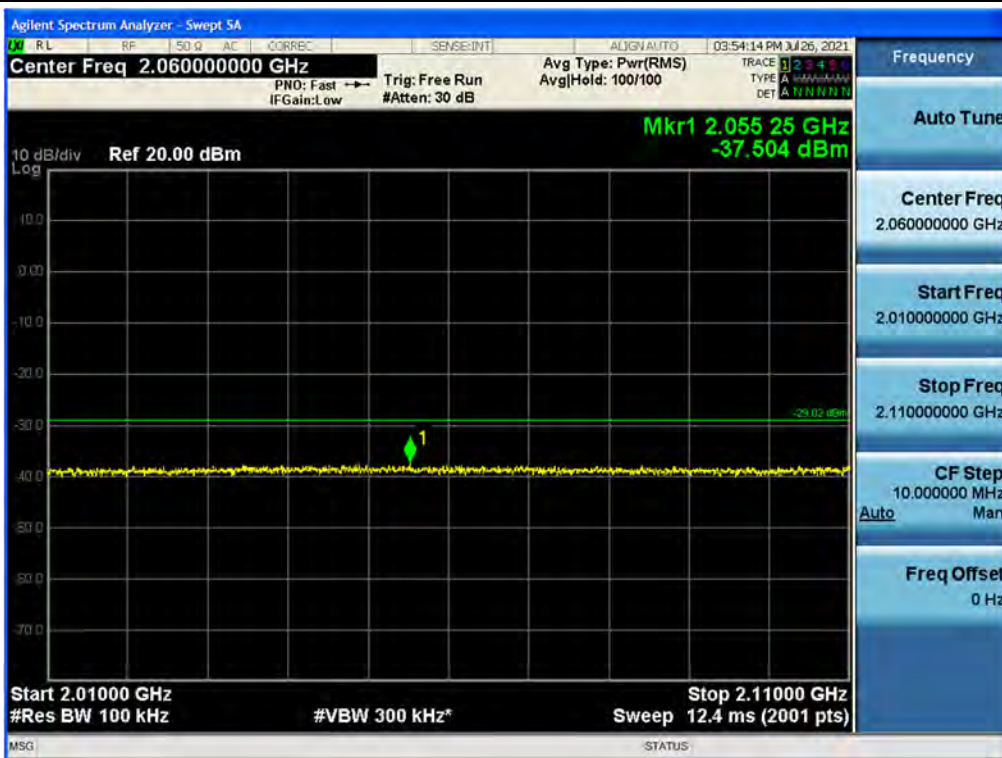
Antenna 2 / 150 kHz ~ 30 MHz / B66 LTE 20 MHz 1 Carrier / 256QAM / Middle



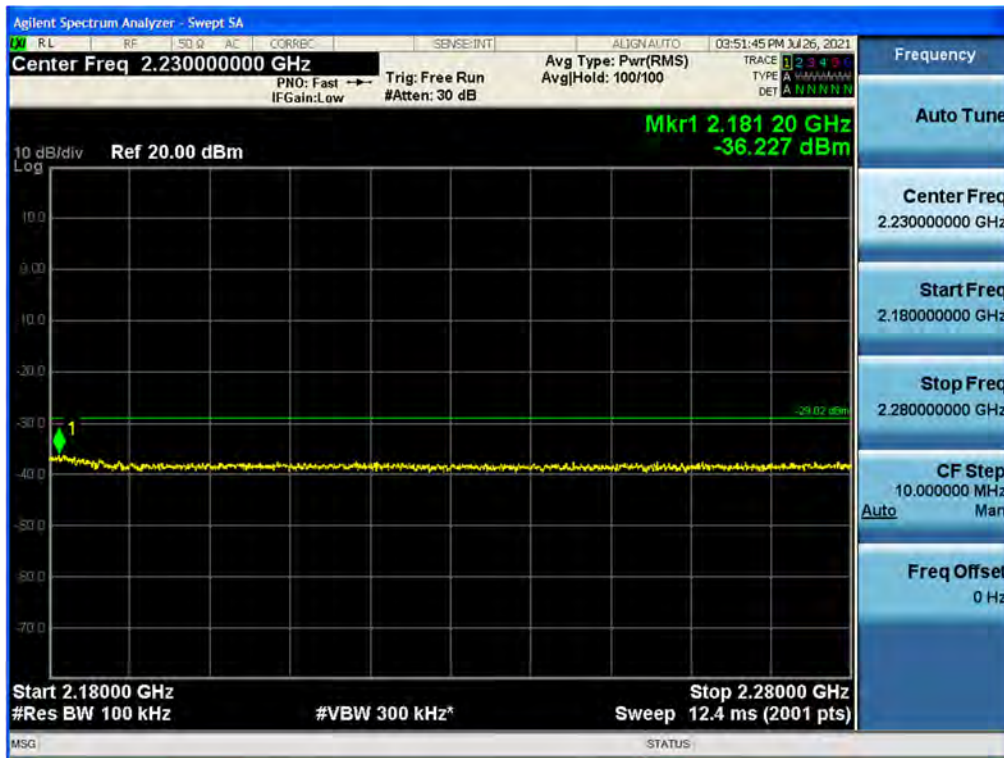
Antenna 2 / 30 MHz ~ Low Edge-100 / B66 LTE 20 MHz 1 Carrier / 256QAM / Middle



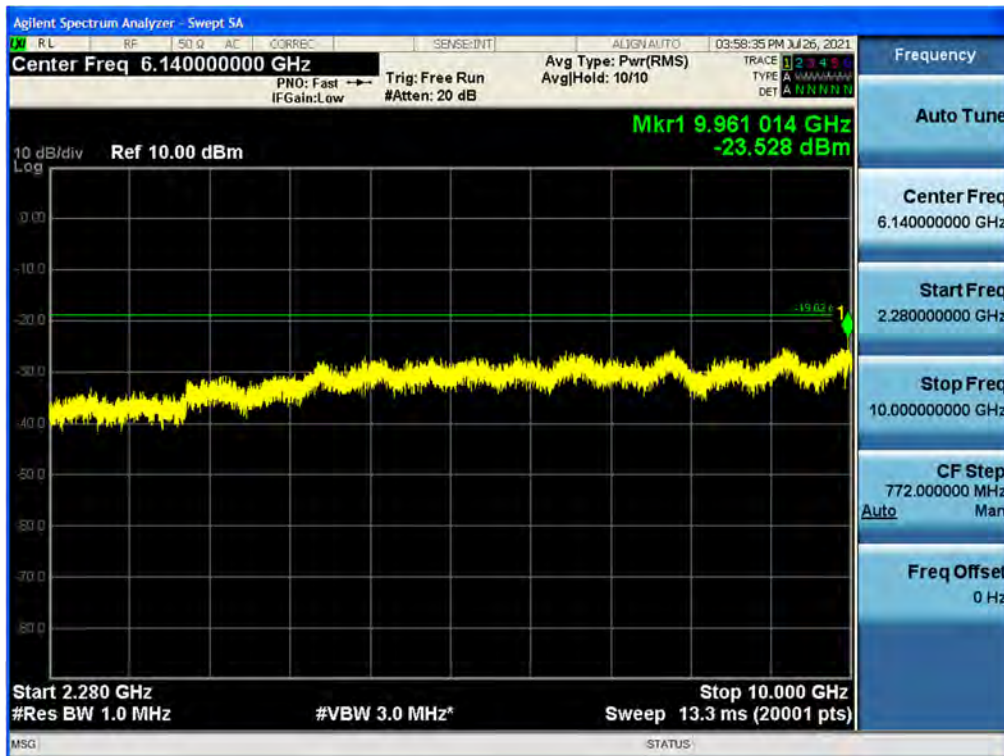
Antenna 2 / Low Edge-100 ~ Low Edge / B66 LTE 20 MHz 1 Carrier / 16QAM / Middle



Antenna 2 / High Edge ~ High Edge + 100 MHz / B66 LTE 20 MHz 1 Carrier / QPSK / Middle



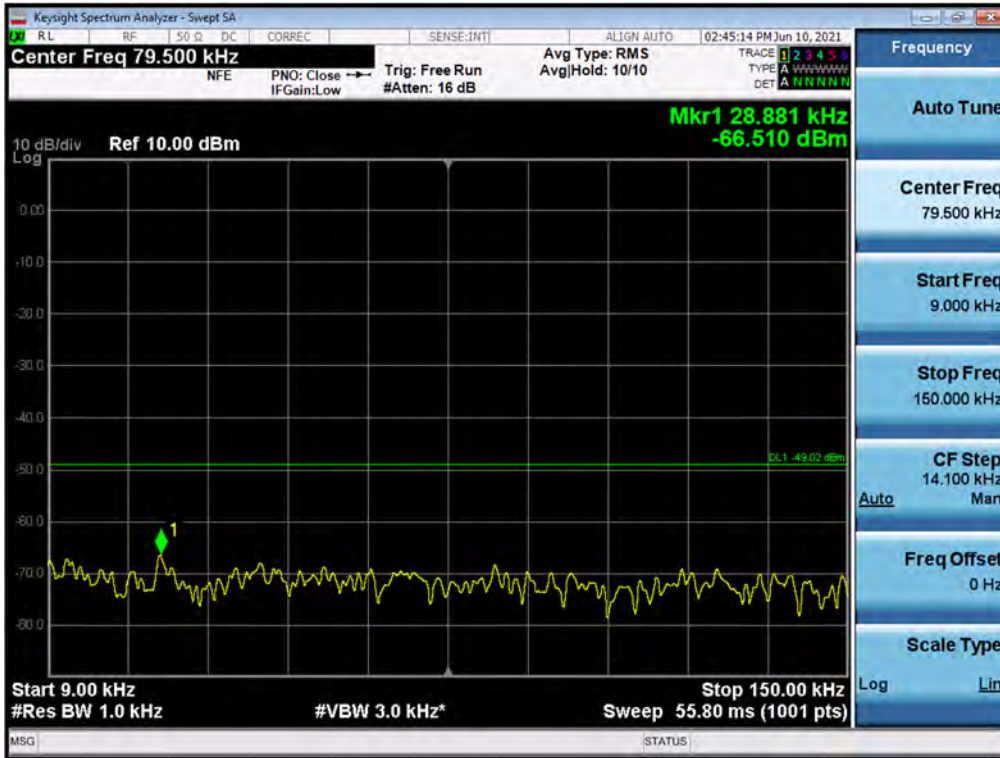
Antenna 2 / High Edge + 100 MHz ~ 10 GHz / B66 LTE 20 MHz 1 Carrier / 256QAM / Middle



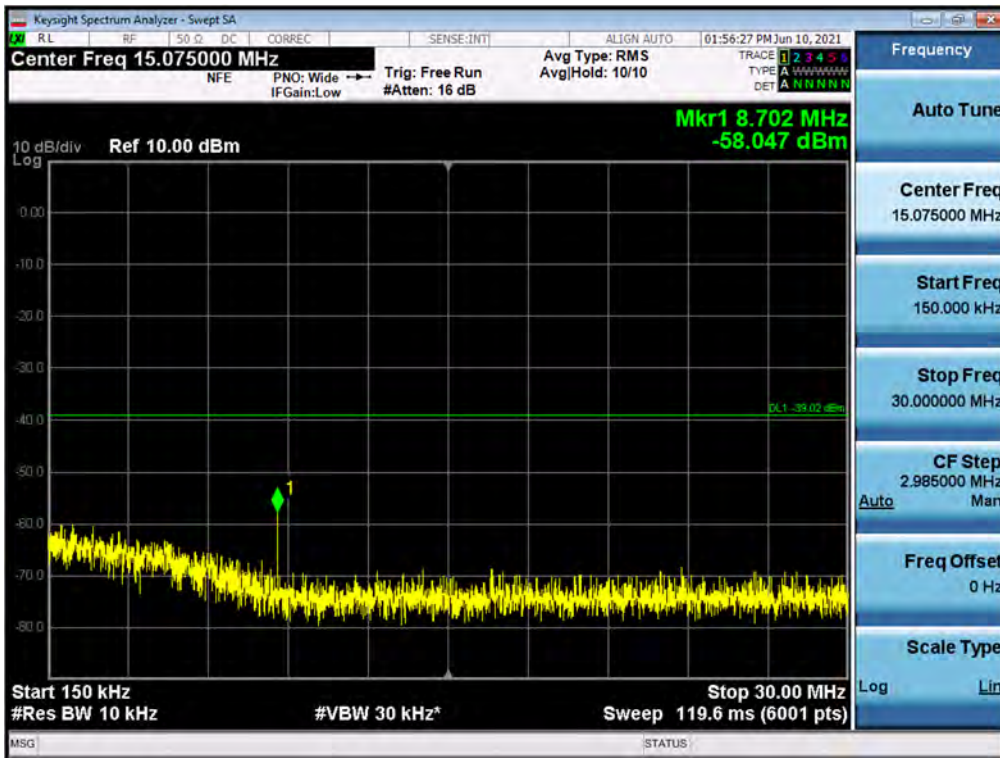
Antenna 2 / 10 GHz ~ 26.5 GHz / B66 LTE 20 MHz 1 Carrier / 16QAM / Middle



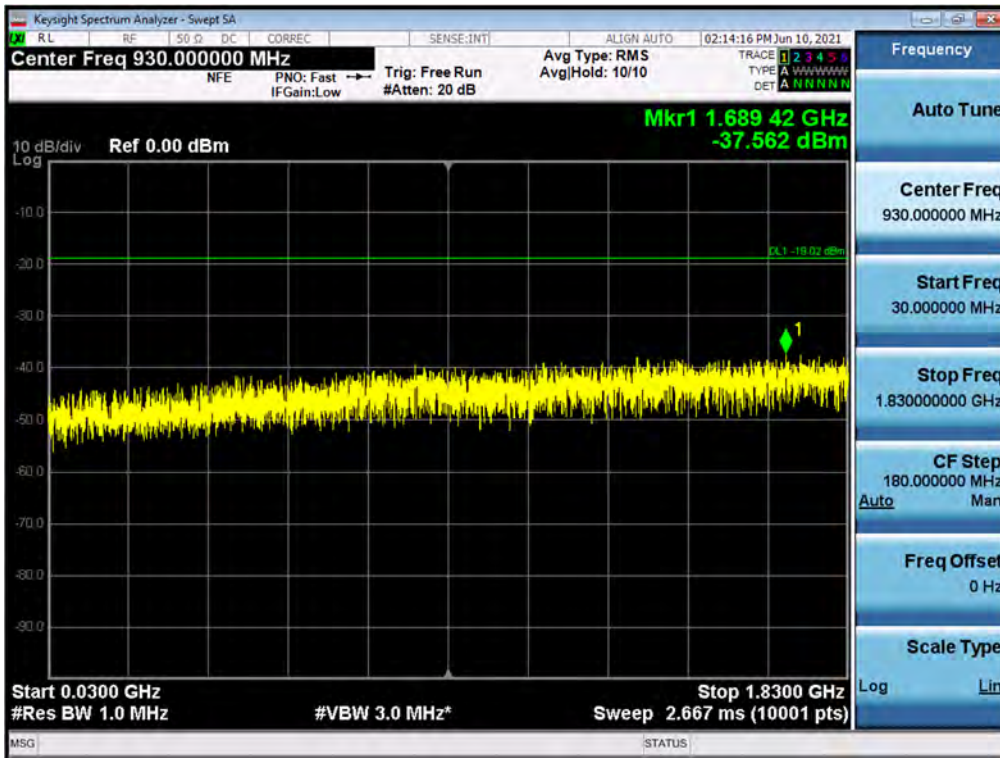
Antenna 3 / 9 kHz ~ 150 kHz / B2 DSS 10 MHz 1 Carrier / 16QAM / High



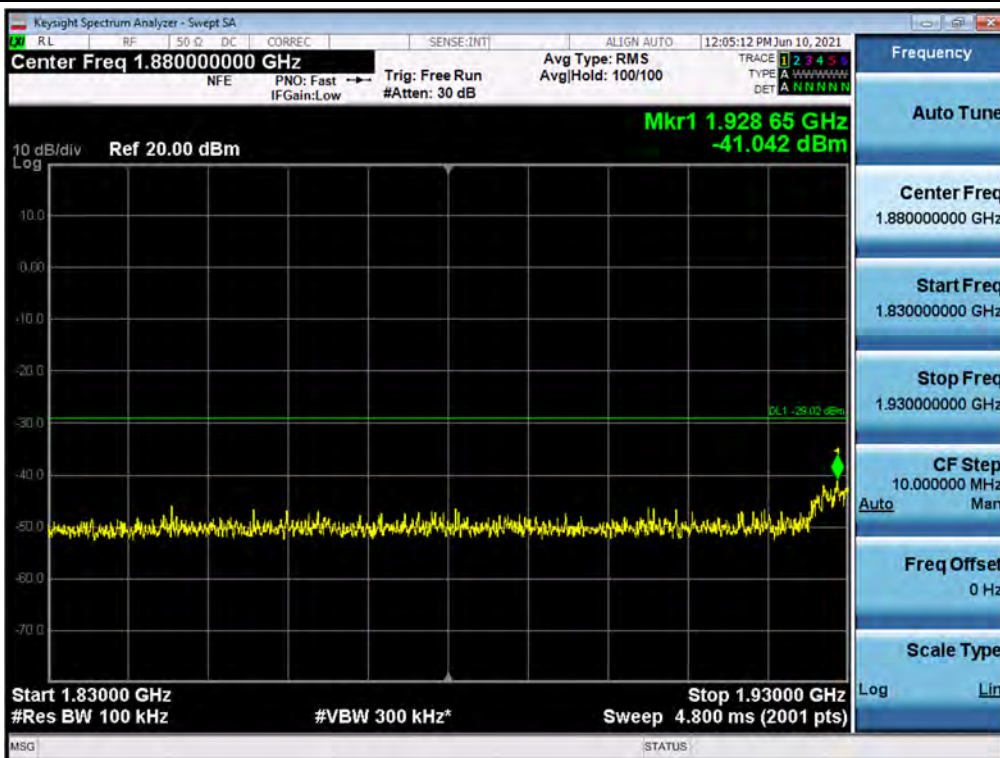
Antenna 0 / 150 kHz ~ 30 MHz / B2 DSS 10 MHz 1 Carrier / 16QAM / Low



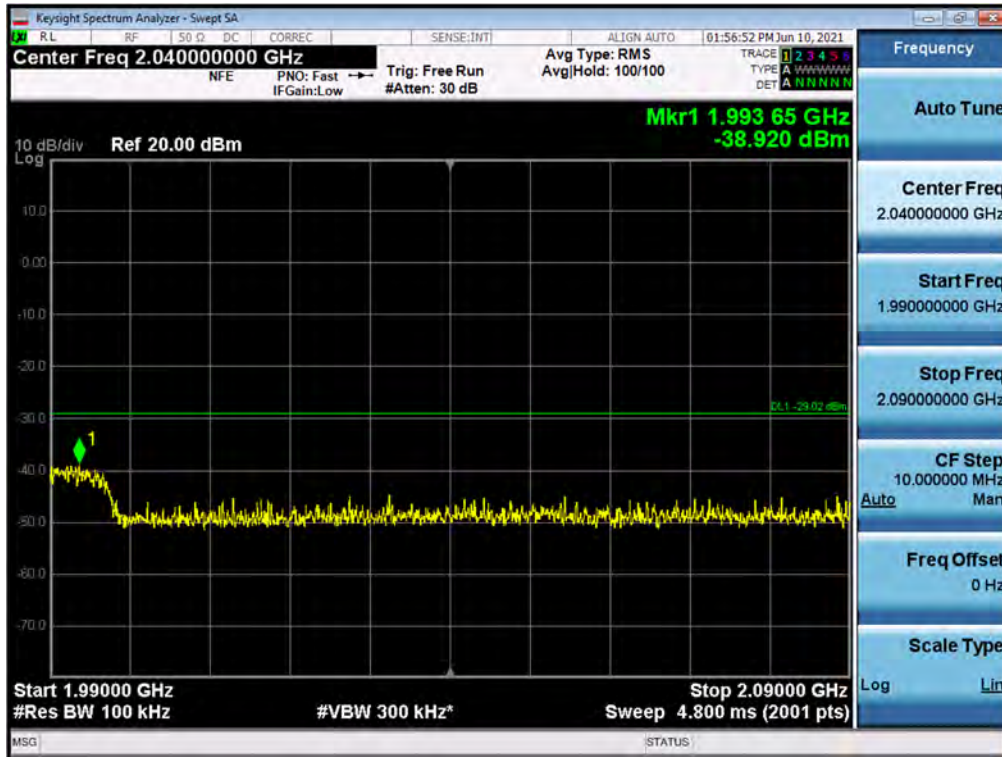
Antenna 0 / 30 MHz ~ Low Edge-100 / B2 DSS 10 MHz 1 Carrier / 16QAM / High



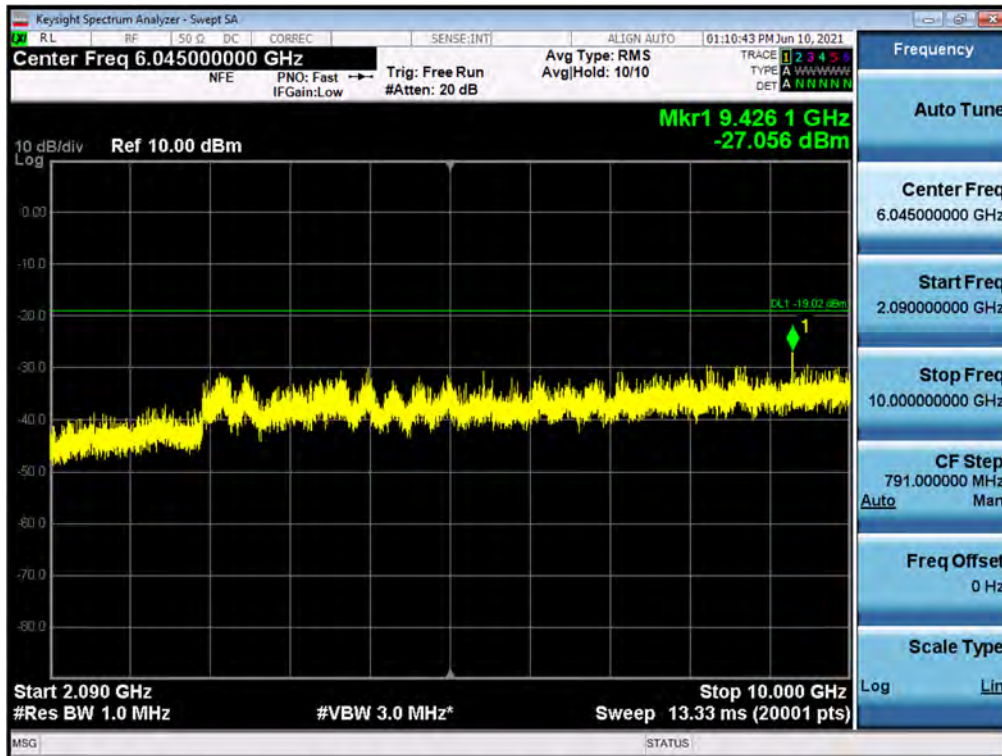
Antenna 2 / Low Edge-100 ~ Low Edge / B2 DSS 10 MHz 1 Carrier / QPSK / Middle



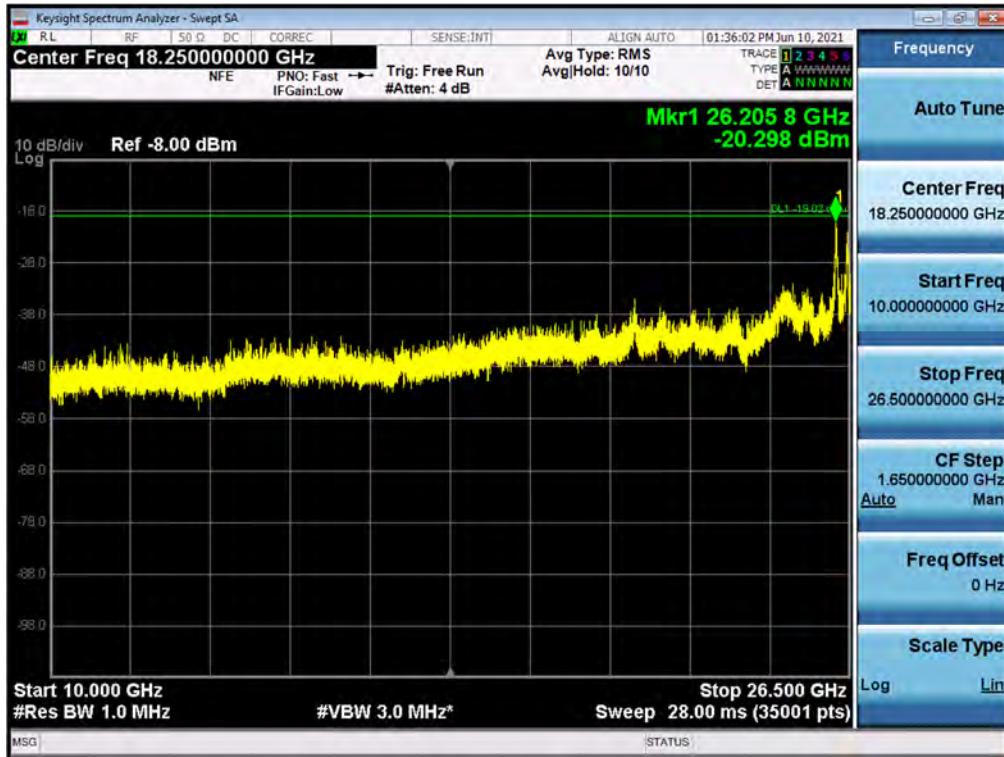
Antenna 0 / High Edge ~ High Edge + 100 MHz / B2 DSS 10 MHz 1 Carrier / 16QAM / Low



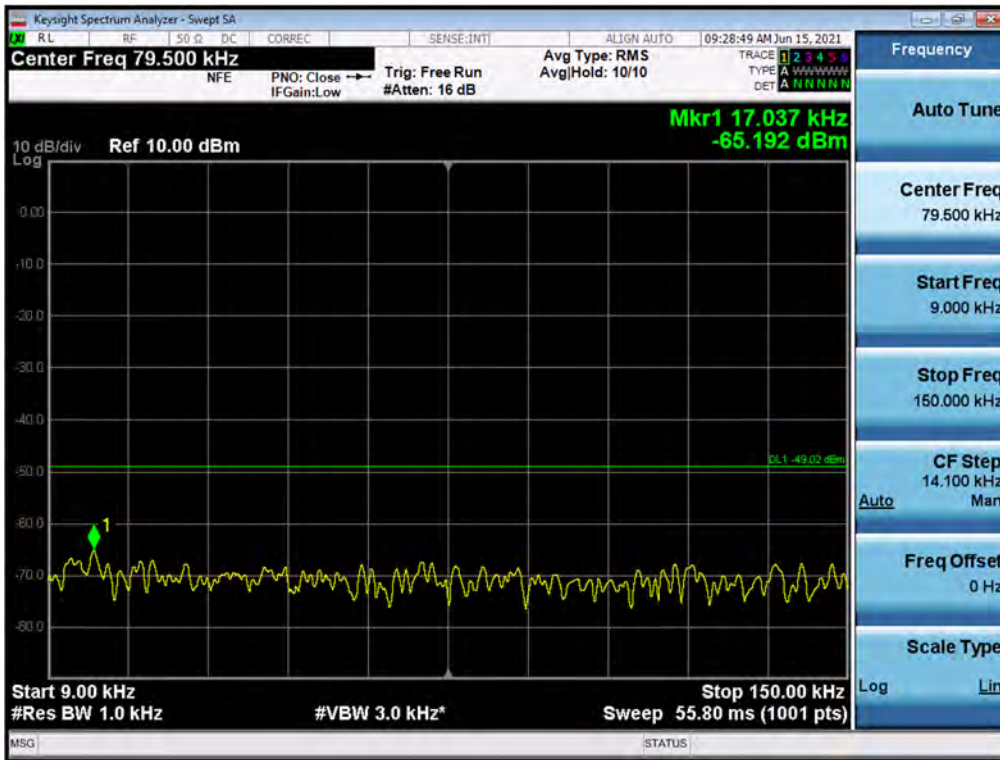
Antenna 3 / High Edge + 100 MHz ~ 10 GHz / B2 DSS 10 MHz 1 Carrier / QPSK / Middle



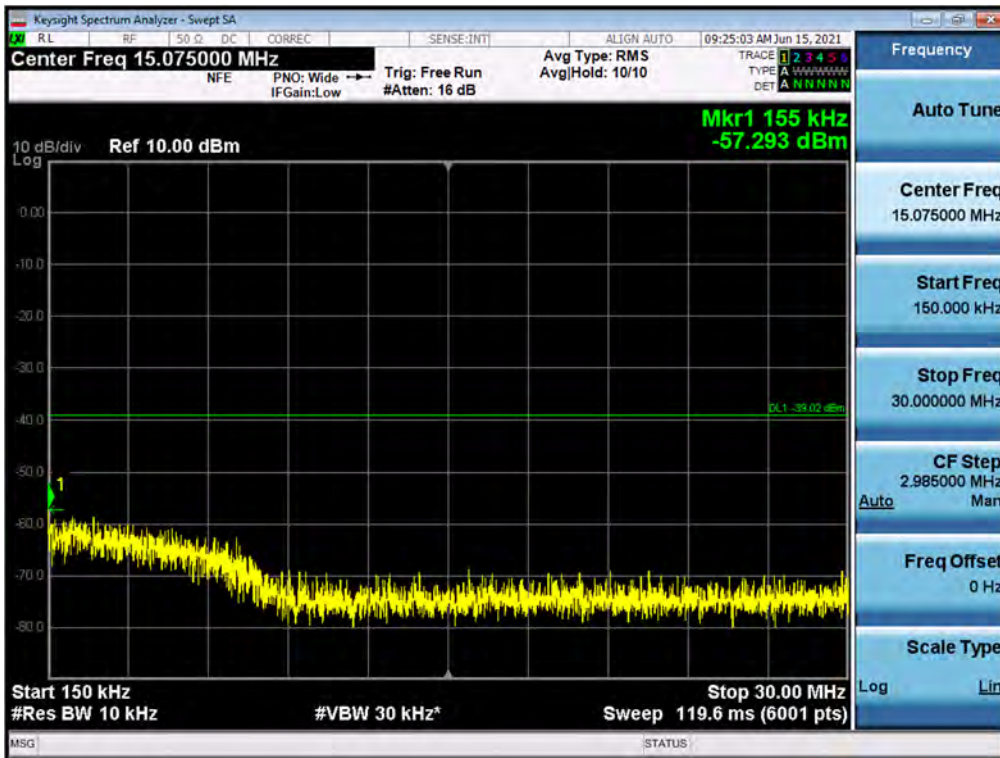
Antenna 2 / 10 GHz ~ 26.5 GHz / B2 DSS 10 MHz 1 Carrier / 16QAM / Low



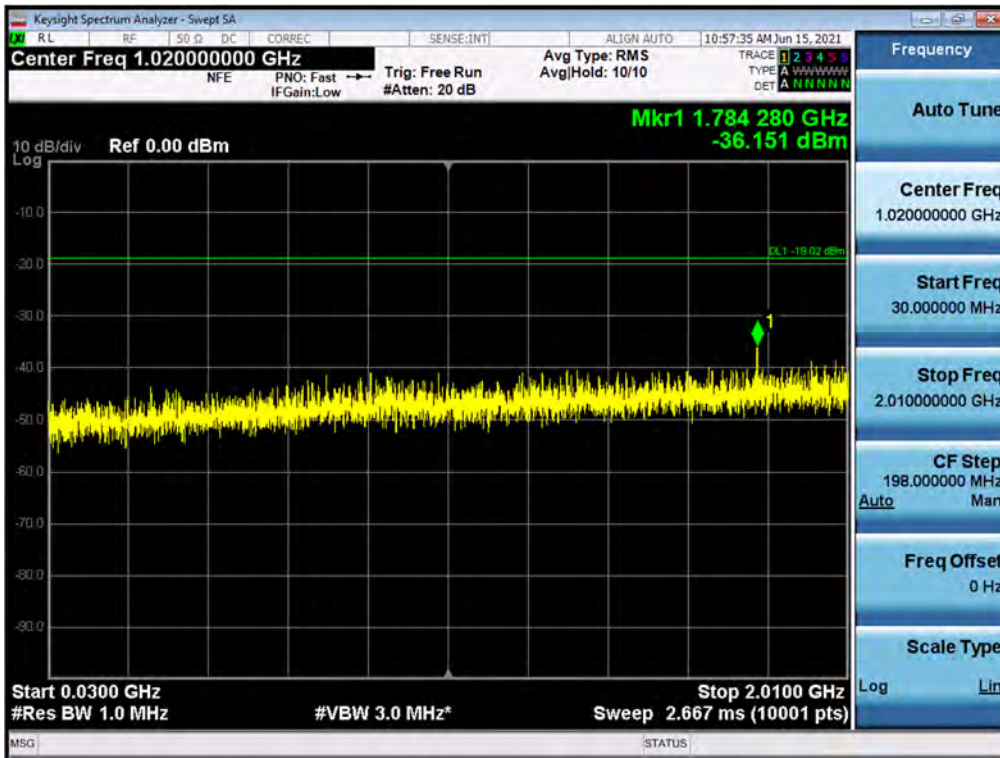
Antenna 1 / 9 kHz ~ 150 kHz / B66 DSS 10 MHz 1 Carrier / 256QAM / Middle



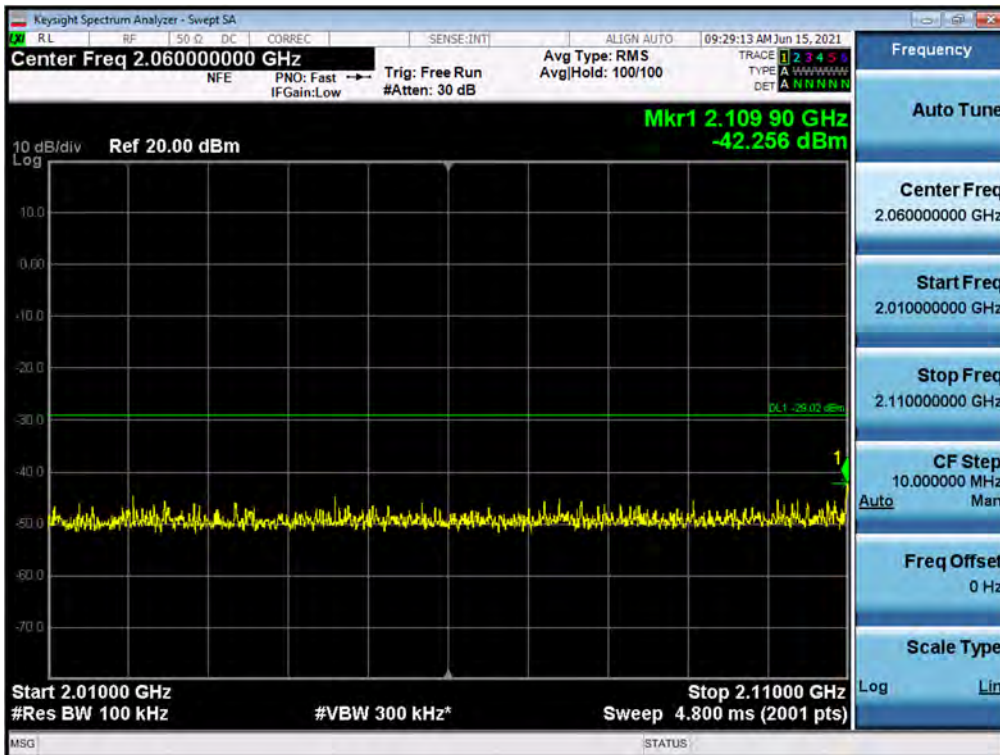
Antenna 1 / 150 kHz ~ 30 MHz / B66 DSS 10 MHz 1 Carrier / 16QAM / Middle



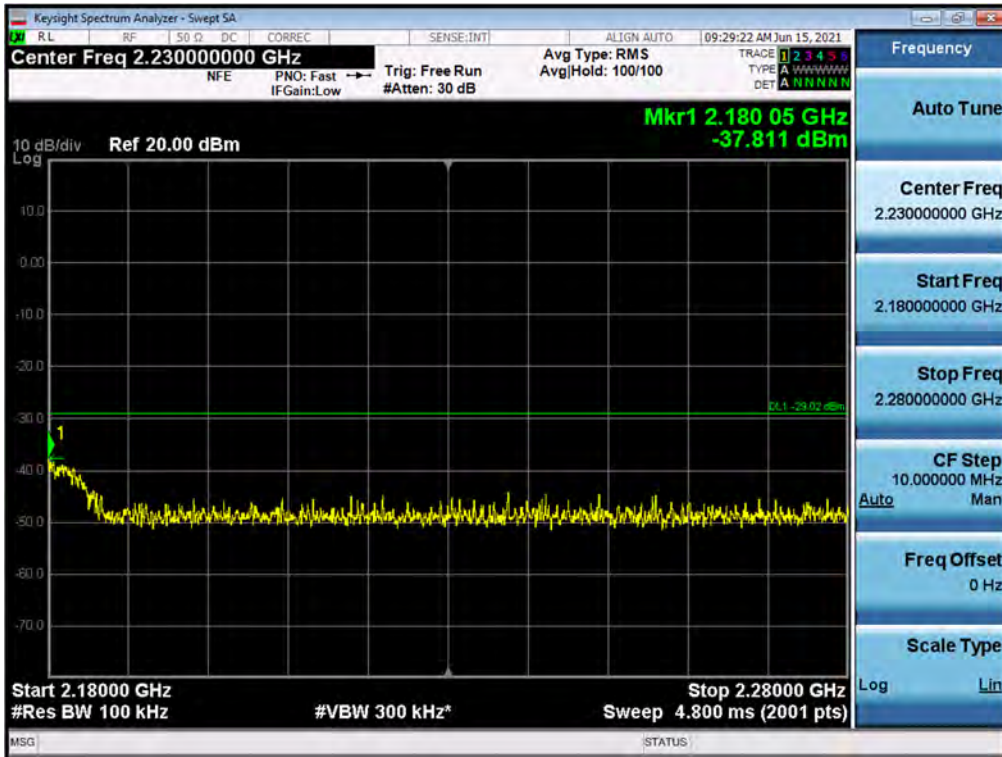
Antenna 3 / 30 MHz ~ Low Edge-100 / B66 DSS 10 MHz 1 Carrier / 64QAM / High



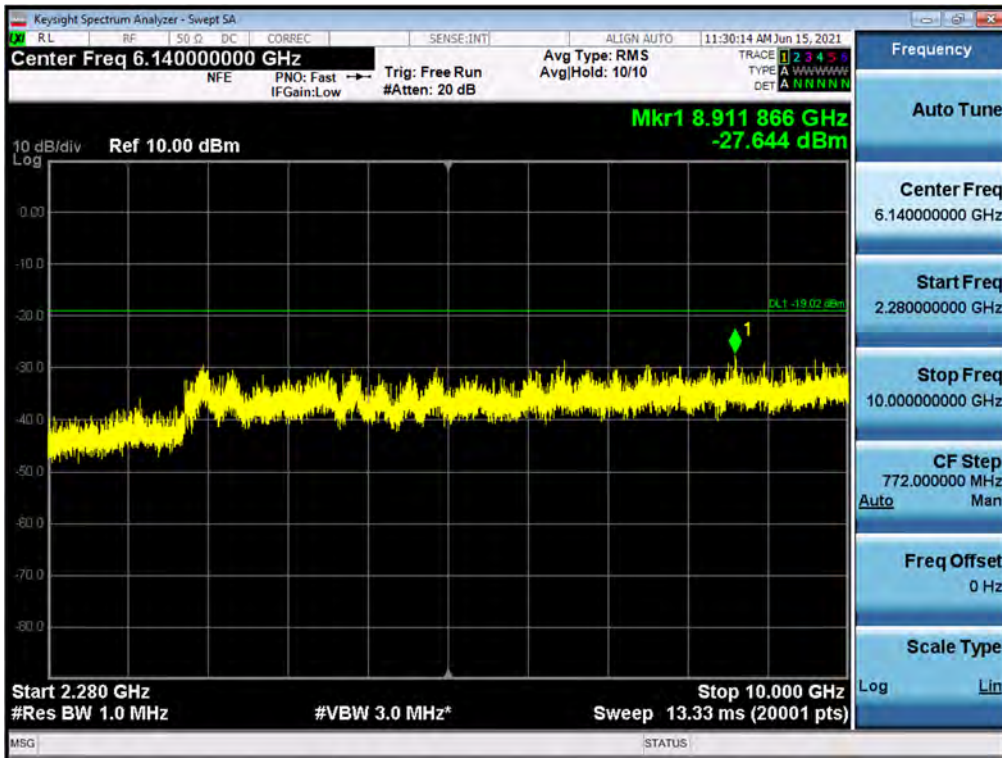
Antenna 1 / Low Edge-100 ~ Low Edge / B66 DSS 10 MHz 1 Carrier / 256QAM / Middle



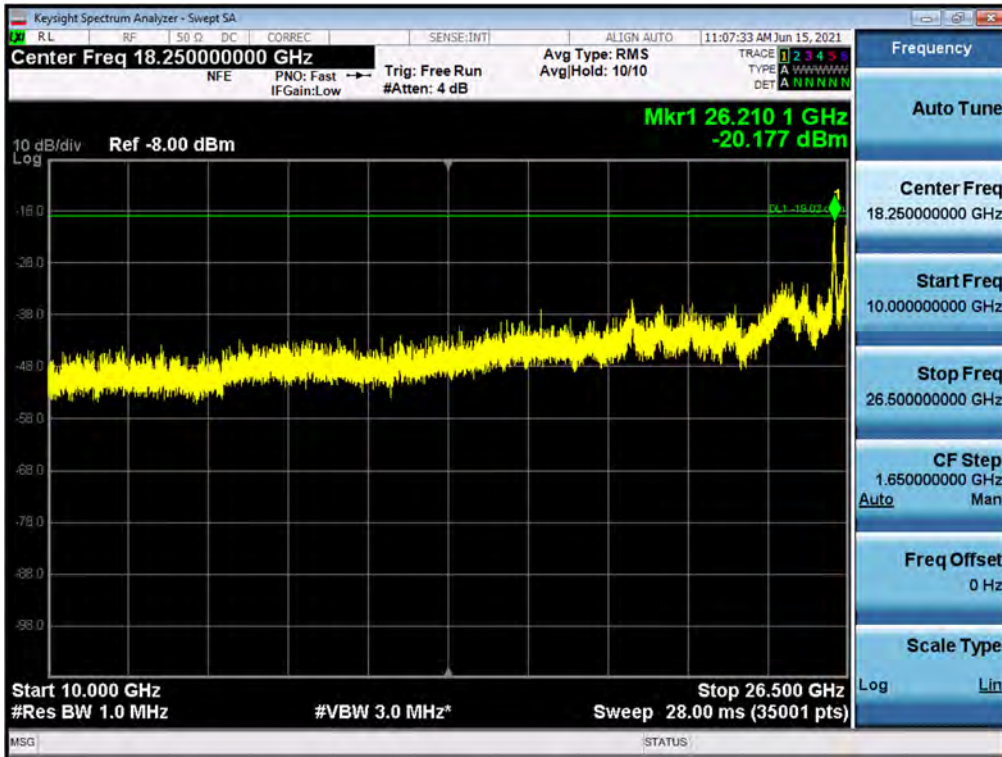
Antenna 1 / High Edge ~ High Edge + 100 MHz / B66 DSS 10 MHz 1 Carrier / 256QAM / Middle



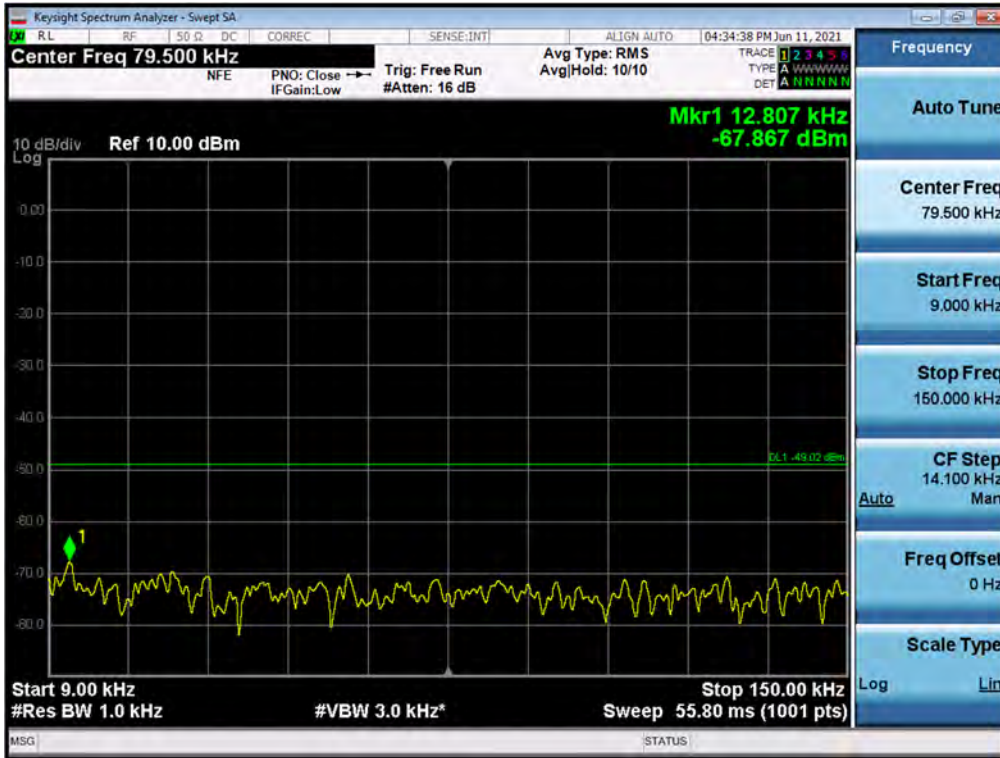
Antenna 0 / High Edge + 100 MHz ~ 10 GHz / B66 DSS 10 MHz 1 Carrier / 64QAM / High



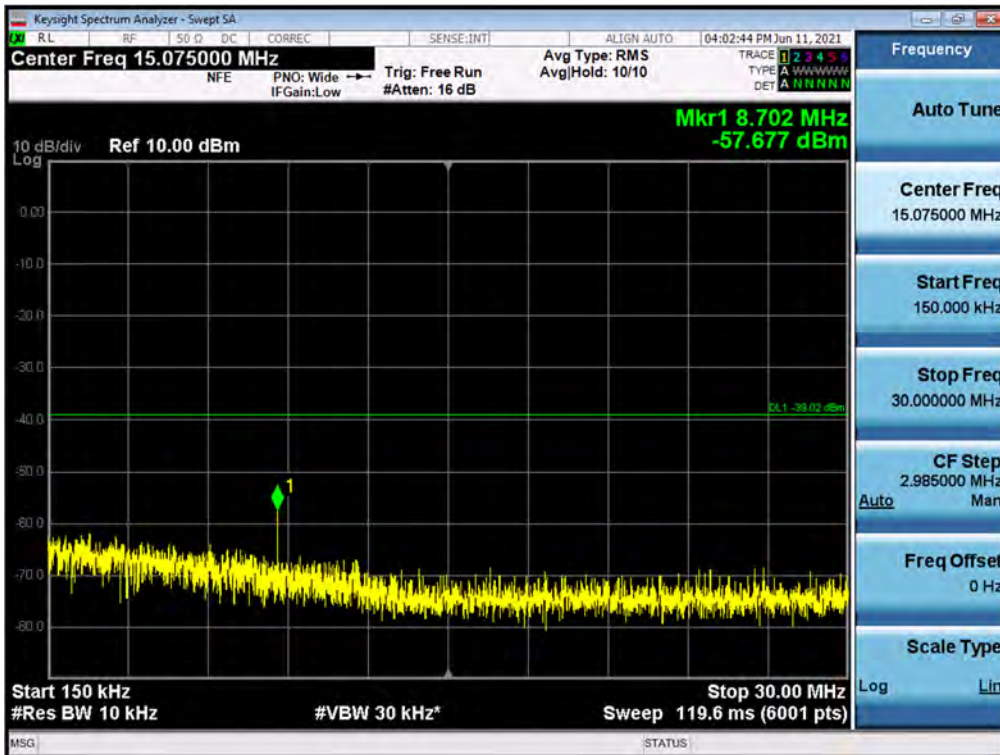
Antenna 2 / 10 GHz ~ 26.5 GHz / B66 DSS 10 MHz 1 Carrier / 16QAM / High



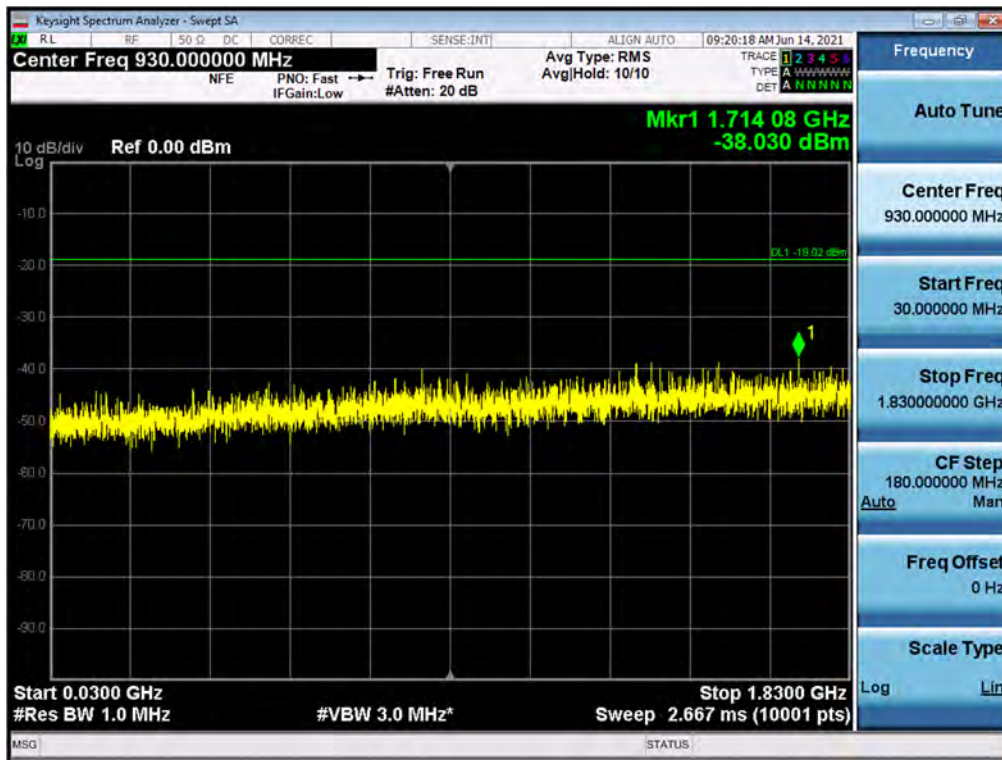
Antenna 3 / 9 kHz ~ 150 kHz / B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Middle



Antenna 0 / 150 kHz ~ 30 MHz / B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 16QAM / Middle



Antenna 1 / 30 MHz ~ Low Edge-100 / B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / QPSK / High



Antenna 1 / Low Edge-100 ~ Low Edge / B2 LTE 5 MHz 1 Carrier + B2 DSS 10 MHz 1 Carrier [2 Carrier] / Contiguous / 256QAM / Middle

