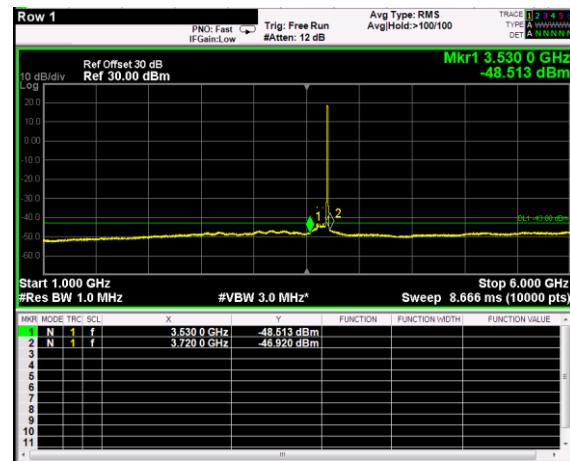
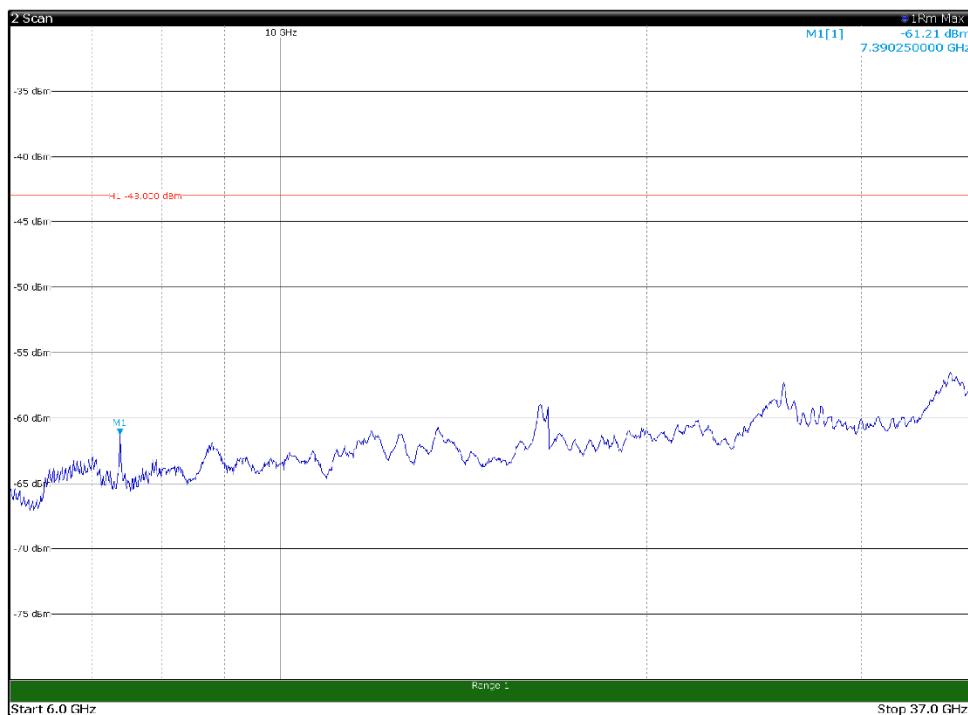




Channel: TOP, Modulation: 256QAM,
BW=10MHz, Range: 30MHz - 1GHz



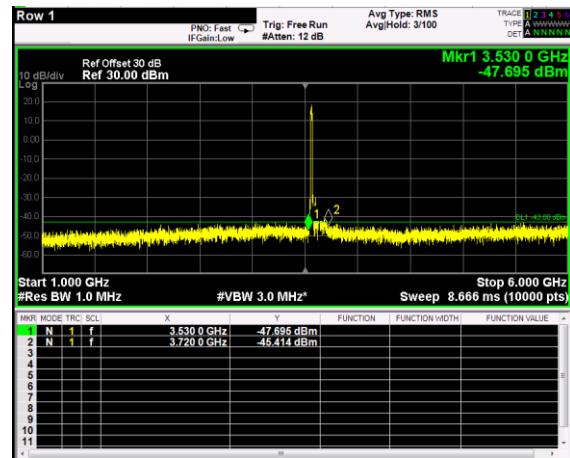
Channel: TOP, Modulation: 256QAM,
BW=10MHz, Range: 1GHz - 6GHz



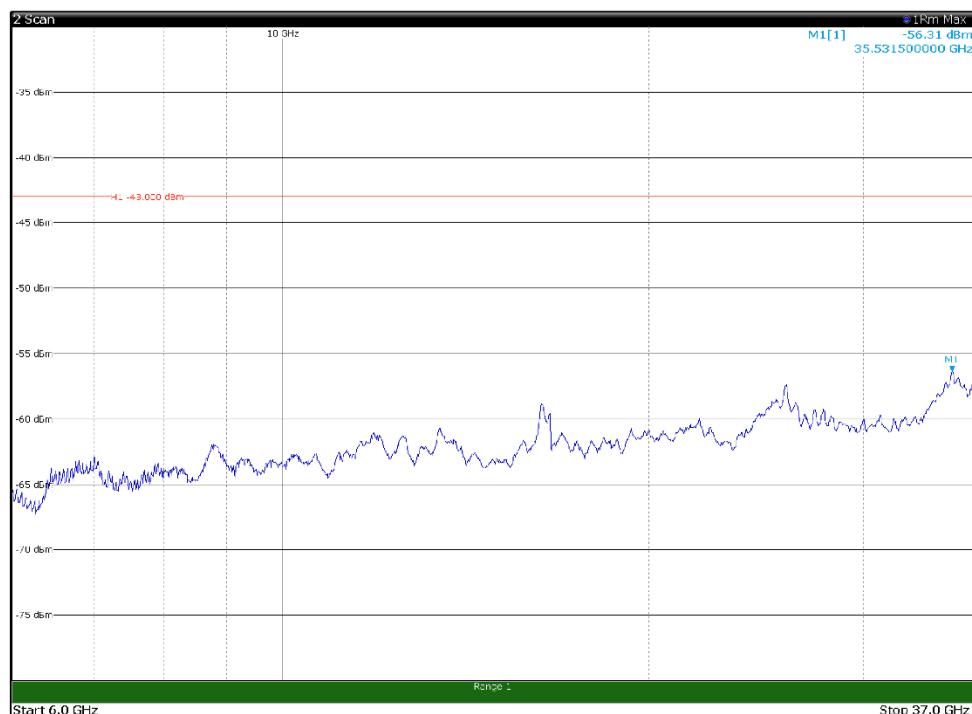
Channel: TOP, Modulation: 256QAM,
BW=10MHz, Range: 6GHz - 37GHz

Specification: FCC 96


Channel: BOTTOM, Modulation: QPSK,
BW=15MHz, Range: 30MHz - 1GHz



Channel: BOTTOM, Modulation: QPSK,
BW=15MHz, Range: 1GHz - 6GHz



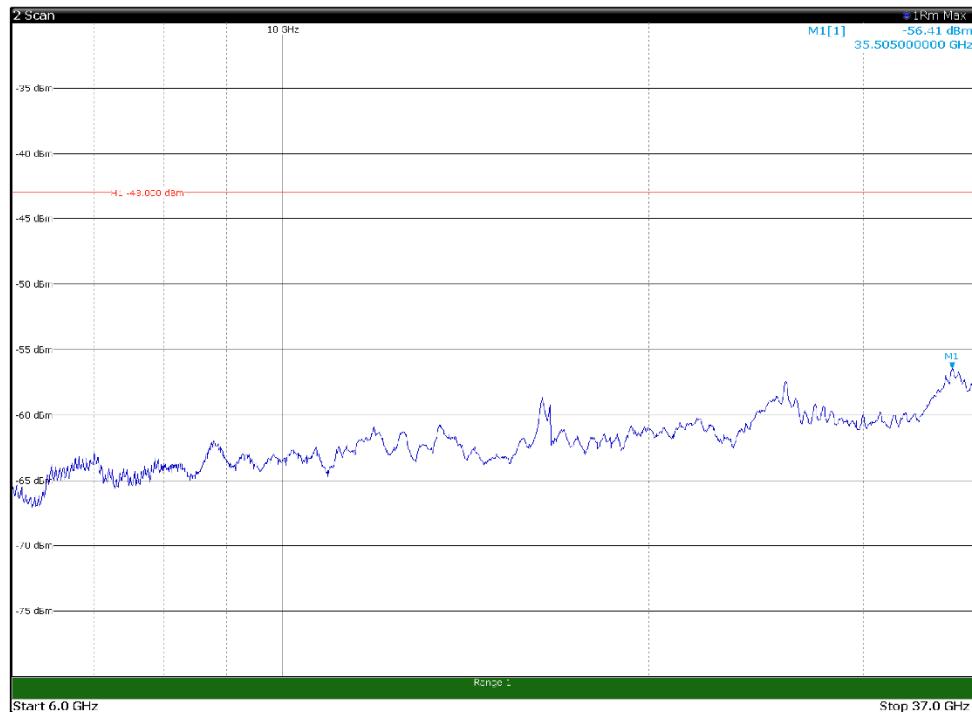
Channel: BOTTOM, Modulation: QPSK,
BW=15MHz, Range: 6GHz - 37GHz



Channel: BOTTOM, Modulation: 16QAM,
BW=15MHz, Range: 30MHz - 1GHz



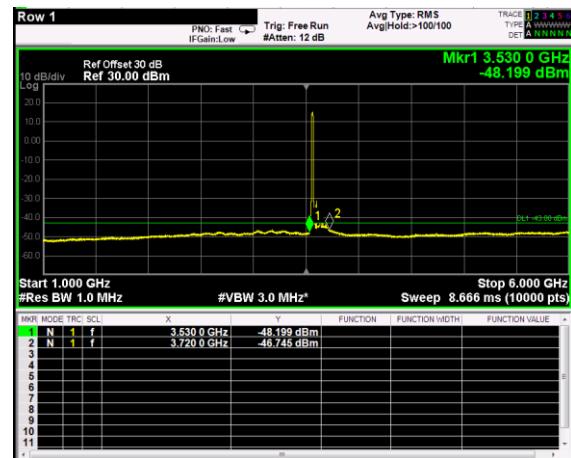
Channel: BOTTOM, Modulation: 16QAM,
BW=15MHz, Range: 1GHz - 6GHz



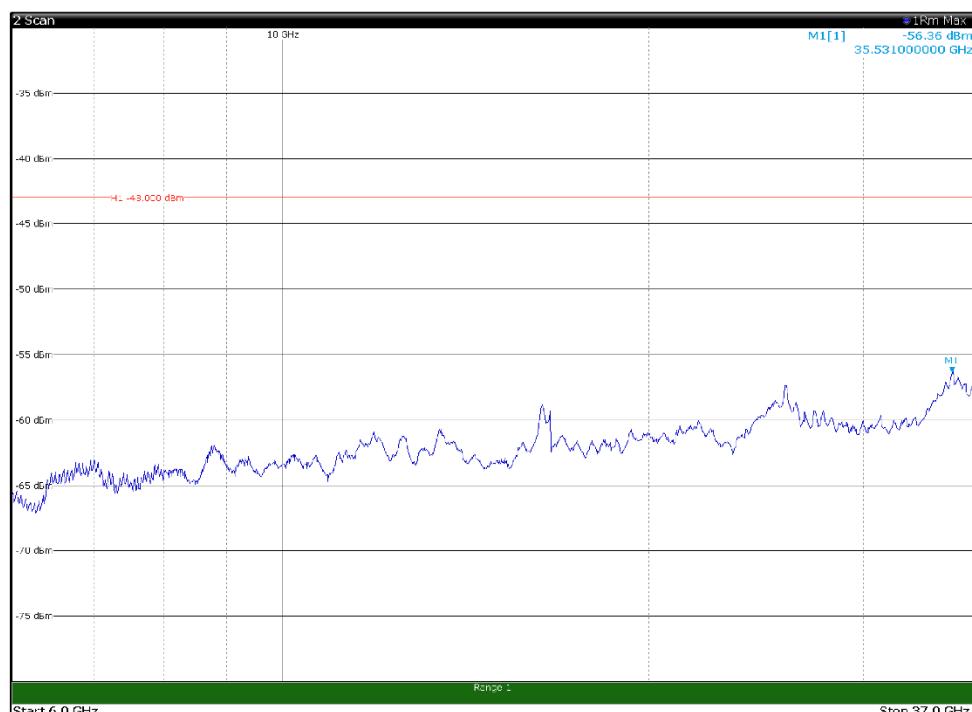
Channel: BOTTOM, Modulation: 16QAM,
BW=15MHz, Range: 6GHz - 37GHz



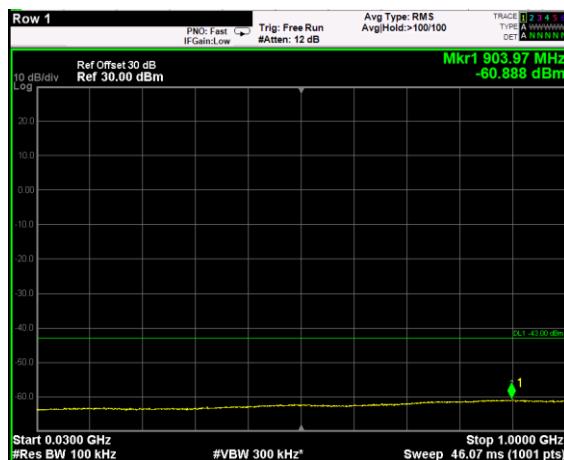
Channel: BOTTOM, Modulation: 64QAM, BW=15MHz, Range: 30MHz - 1GHz



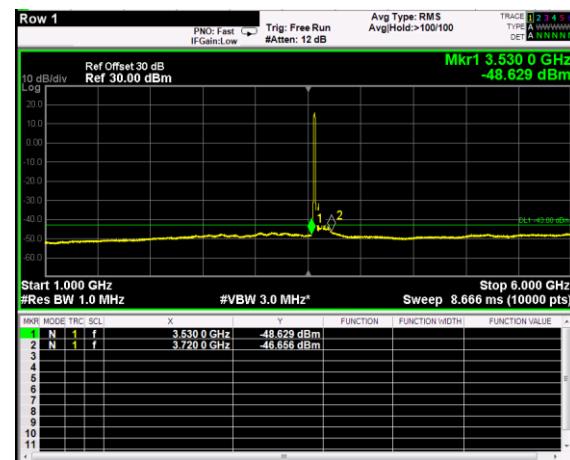
Channel: BOTTOM, Modulation: 64QAM, BW=15MHz, Range: 1GHz - 6GHz



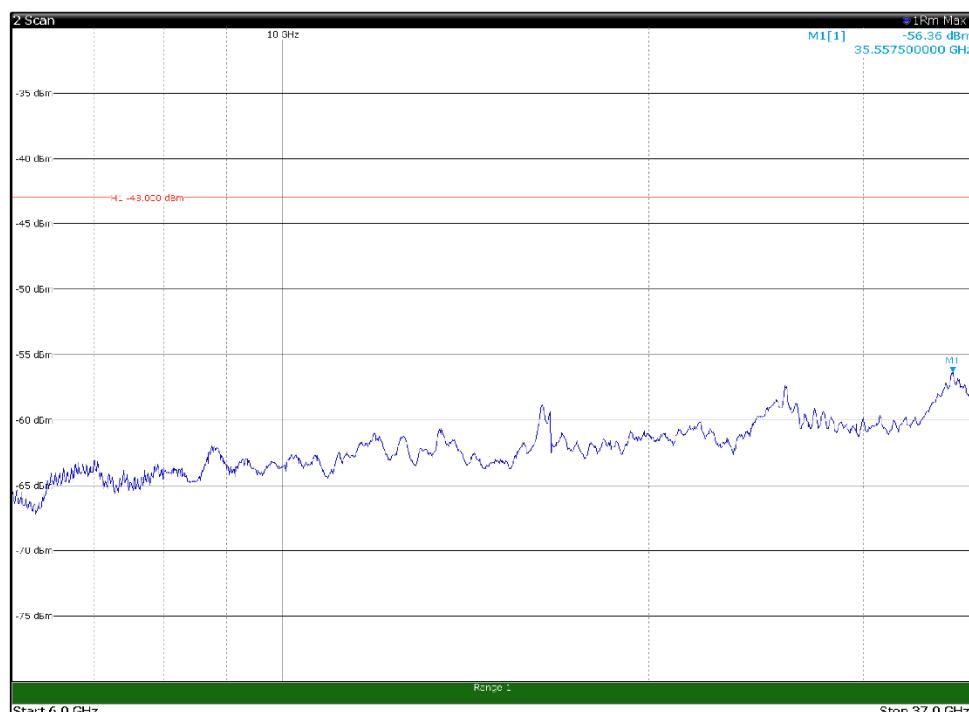
Channel: BOTTOM, Modulation: 64QAM, BW=15MHz, Range: 6GHz - 37GHz



Channel: BOTTOM, Modulation: 256QAM,
BW=15MHz, Range: 30MHz - 1GHz



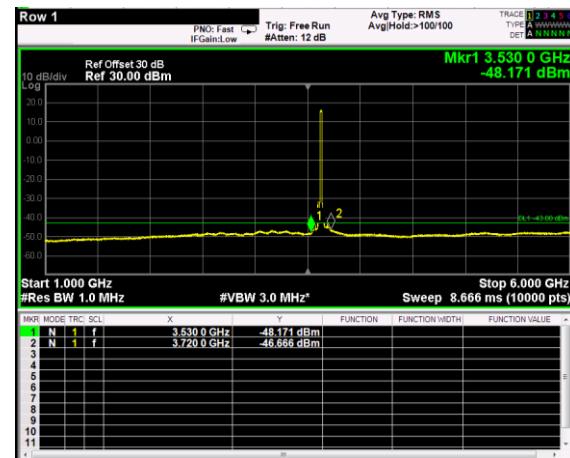
Channel: BOTTOM, Modulation: 256QAM,
BW=15MHz, Range: 1GHz - 6GHz



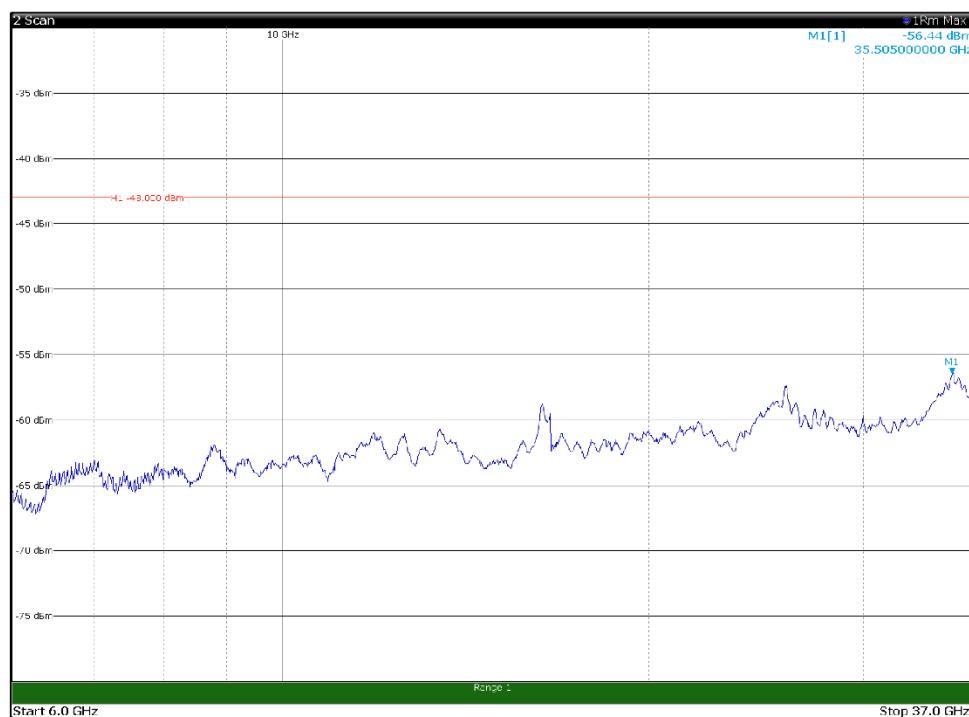
Channel: BOTTOM, Modulation: 256QAM,
BW=15MHz, Range: 6GHz - 37GHz



Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, Range: 30MHz - 1GHz



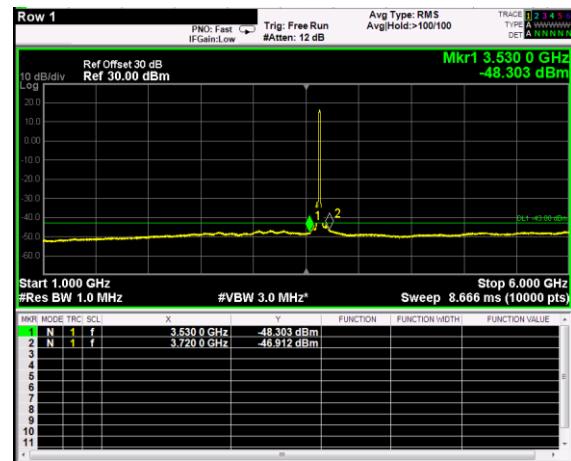
Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, Range: 1GHz - 6GHz



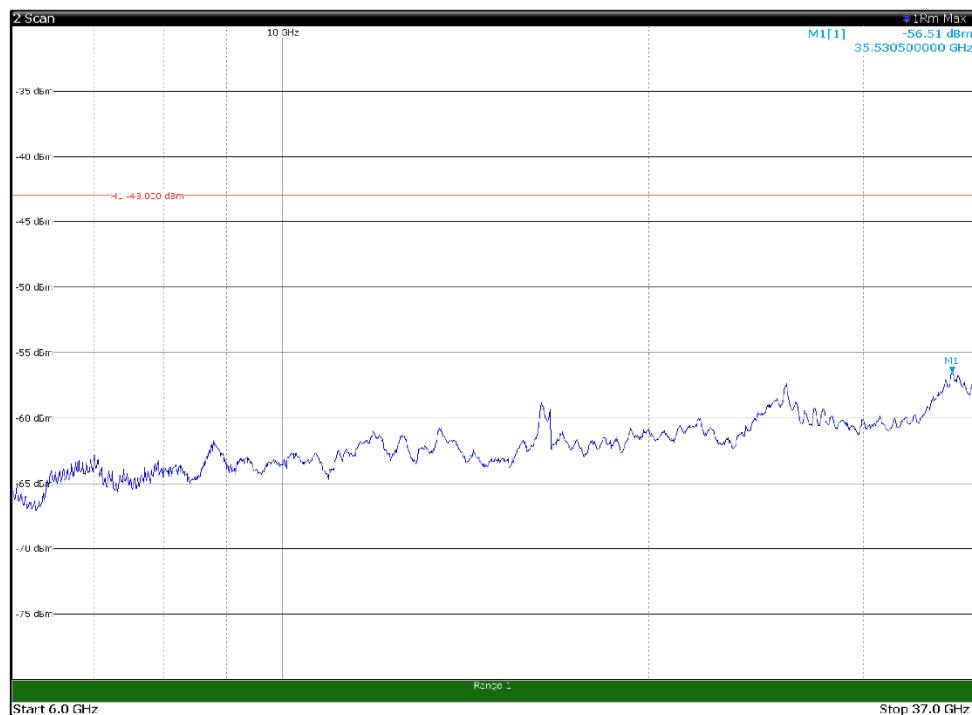
Channel: MIDDLE, Modulation: QPSK,
BW=15MHz, Range: 6GHz - 37GHz



Channel: MIDDLE, Modulation: 16QAM,
BW=15MHz, Range: 30MHz - 1GHz



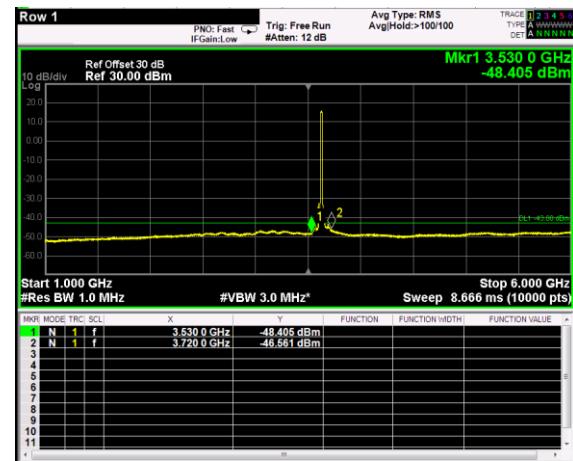
Channel: MIDDLE, Modulation: 16QAM,
BW=15MHz, Range: 1GHz - 6GHz



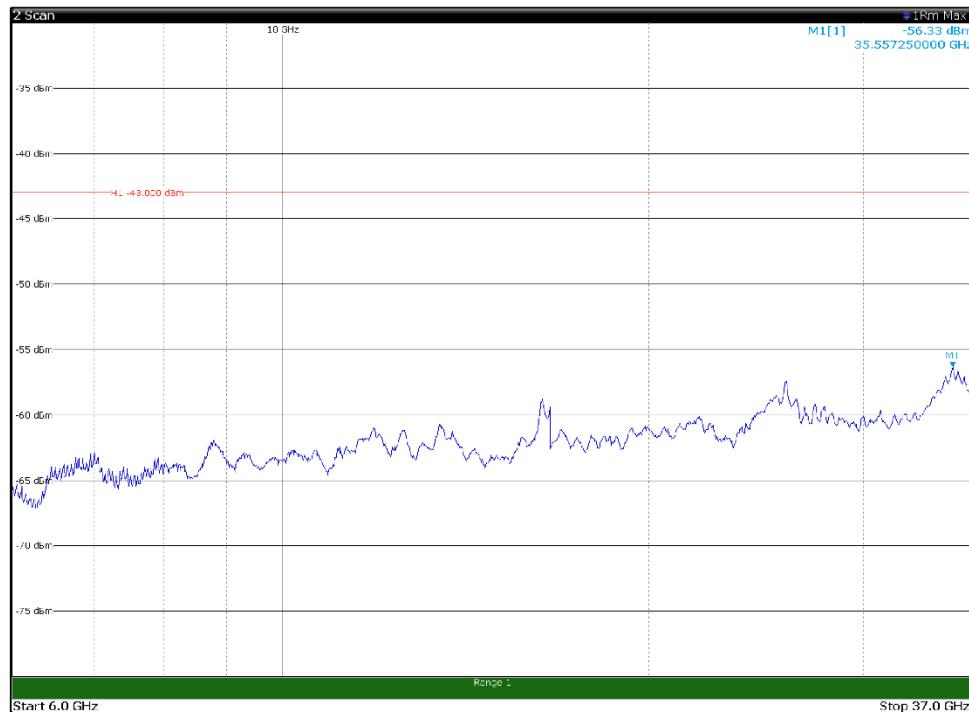
Channel: MIDDLE, Modulation: 16QAM,
BW=15MHz, Range: 6GHz - 37GHz



Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, Range: 30MHz - 1GHz



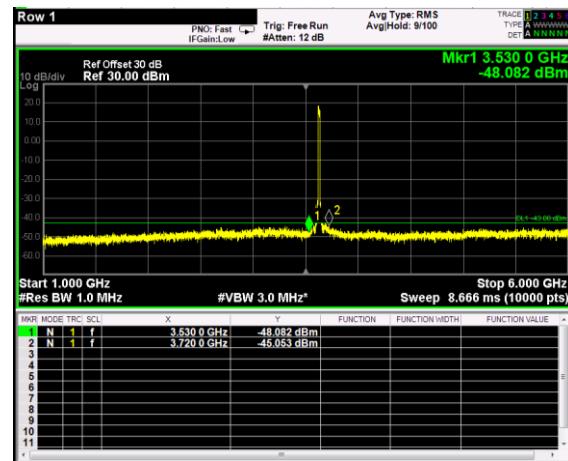
Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, Range: 1GHz - 6GHz



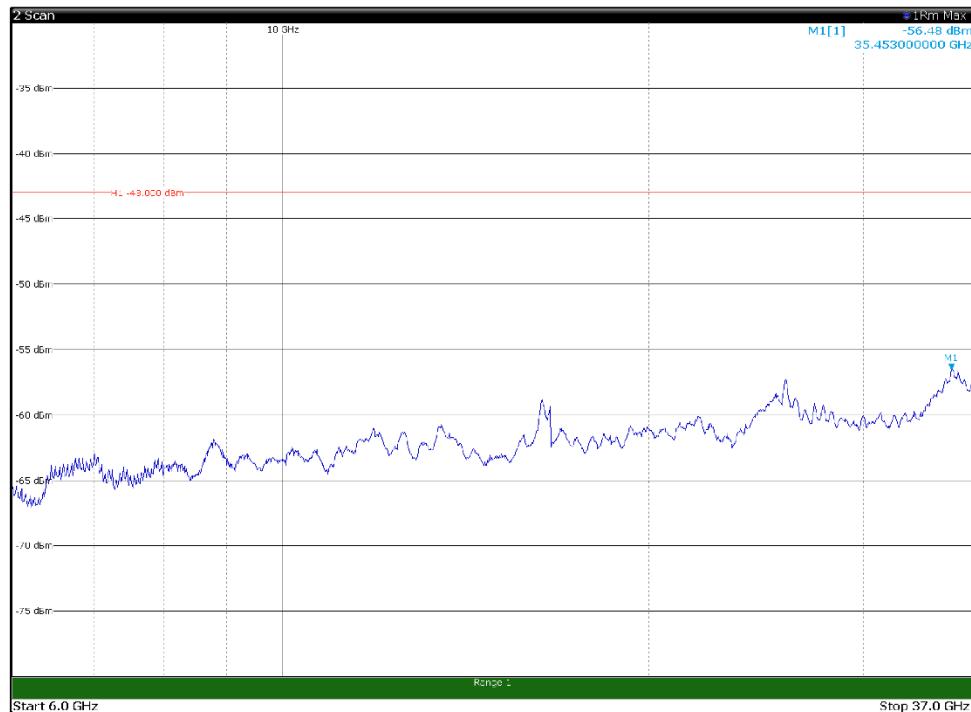
Channel: MIDDLE, Modulation: 64QAM,
BW=15MHz, Range: 6GHz - 37GHz



Channel: MIDDLE, Modulation: 256QAM,
BW=15MHz, Range: 30MHz - 1GHz



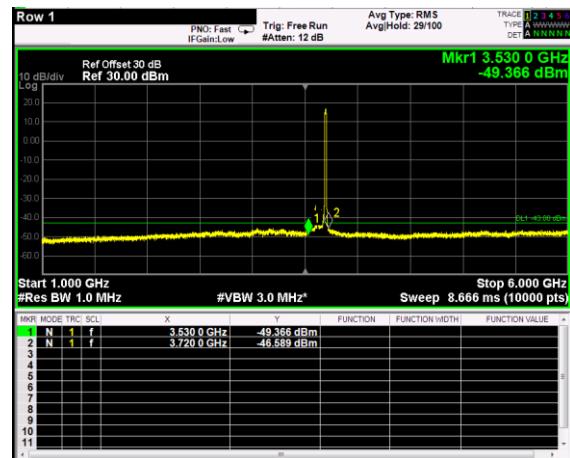
Channel: MIDDLE, Modulation: 256QAM,
BW=15MHz, Range: 1GHz - 6GHz



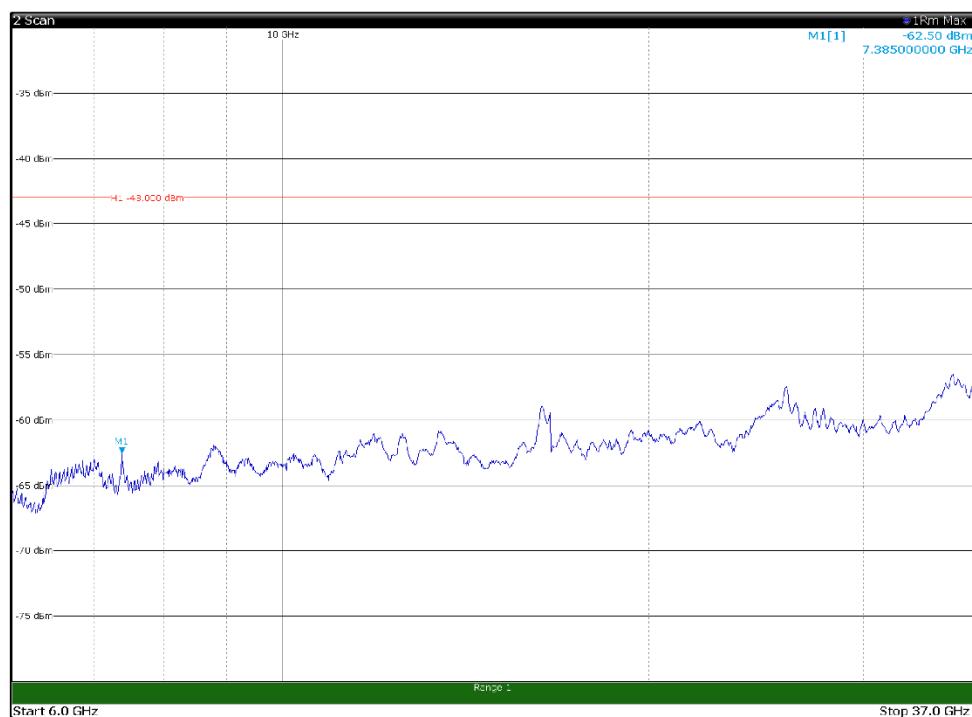
Channel: MIDDLE, Modulation: 256QAM,
BW=15MHz, Range: 6GHz - 37GHz



Channel: TOP, Modulation: QPSK,
BW=15MHz, Range: 30MHz - 1GHz



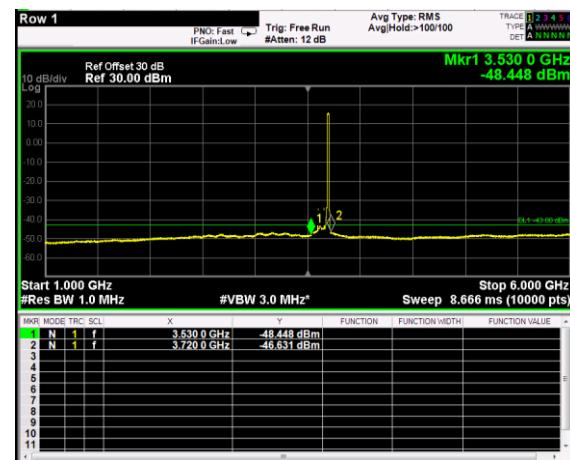
Channel: TOP, Modulation: QPSK,
BW=15MHz, Range: 1GHz - 6GHz



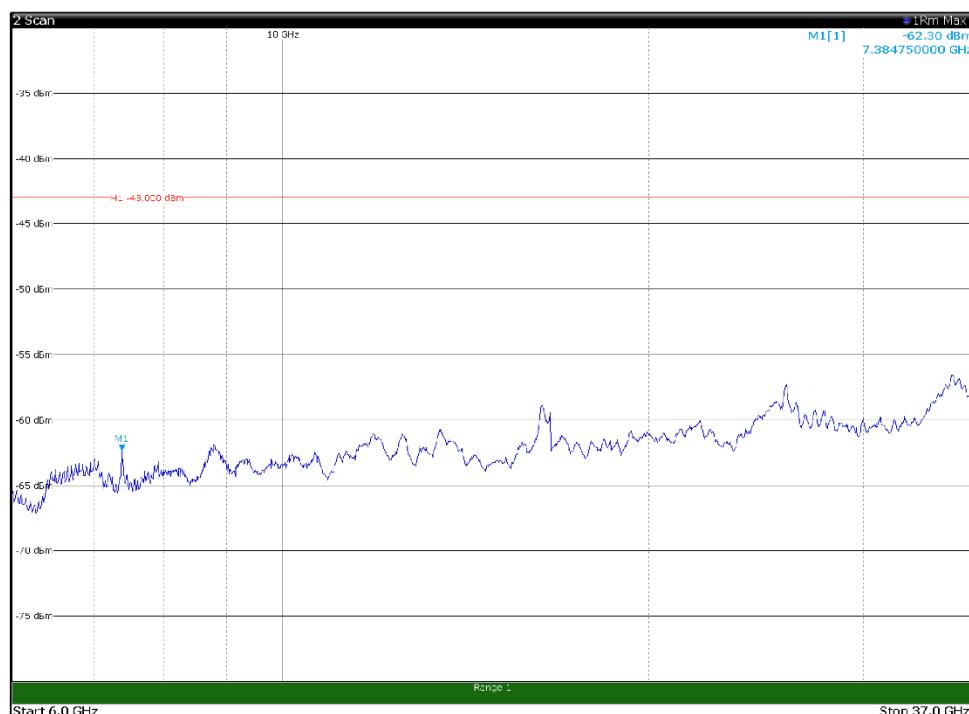
Channel: TOP, Modulation: QPSK,
BW=15MHz, Range: 6GHz - 37GHz



Channel: TOP, Modulation: 16QAM,
BW=15MHz, Range: 30MHz - 1GHz



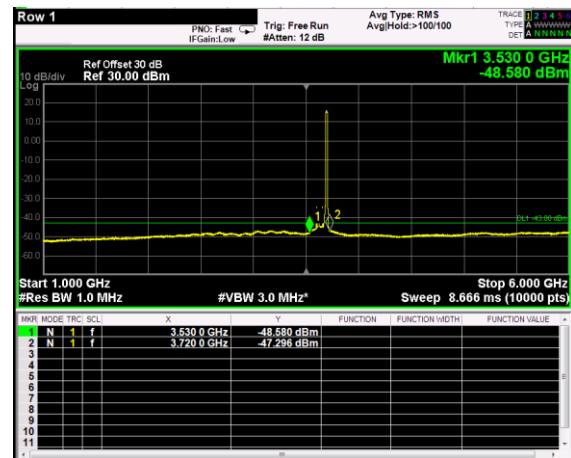
Channel: TOP, Modulation: 16QAM,
BW=15MHz, Range: 1GHz - 6GHz



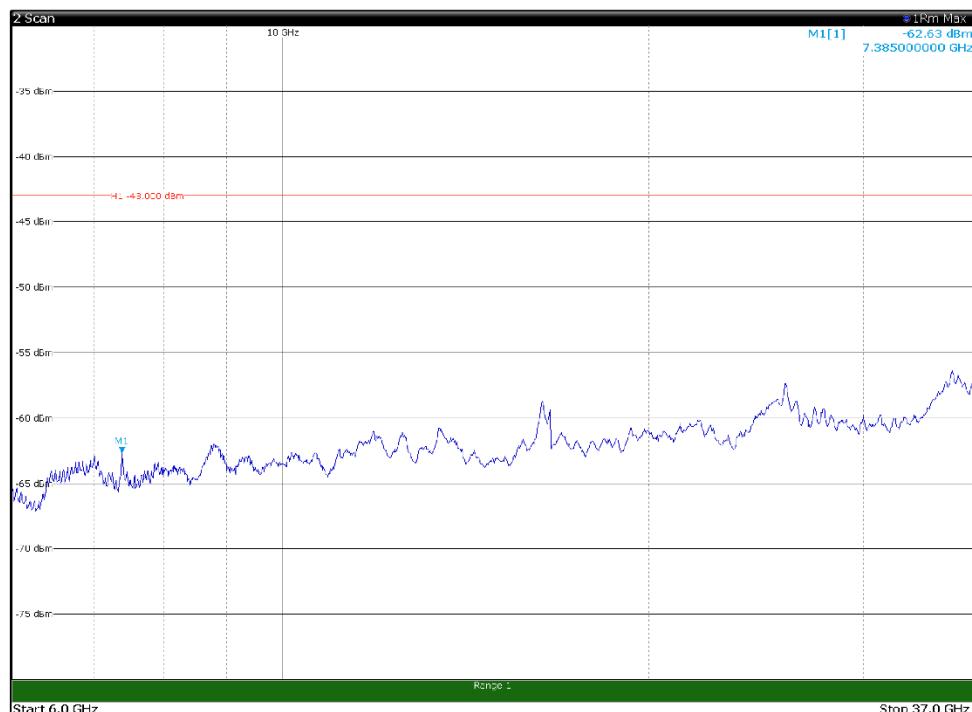
Channel: TOP, Modulation: 16QAM,
BW=15MHz, Range: 6GHz - 37GHz



Channel: TOP, Modulation: 64QAM,
BW=15MHz, Range: 30MHz - 1GHz



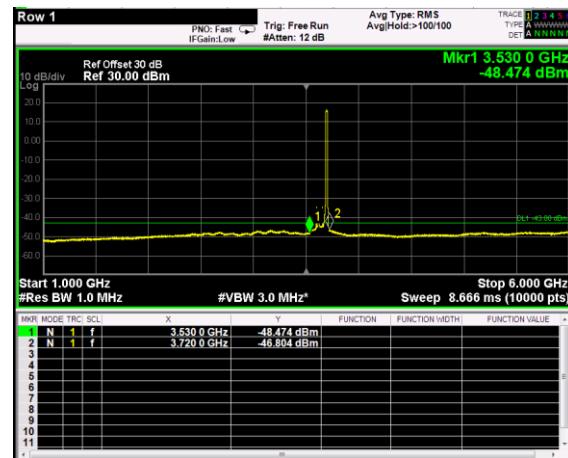
Channel: TOP, Modulation: 64QAM,
BW=15MHz, Range: 1GHz - 6GHz



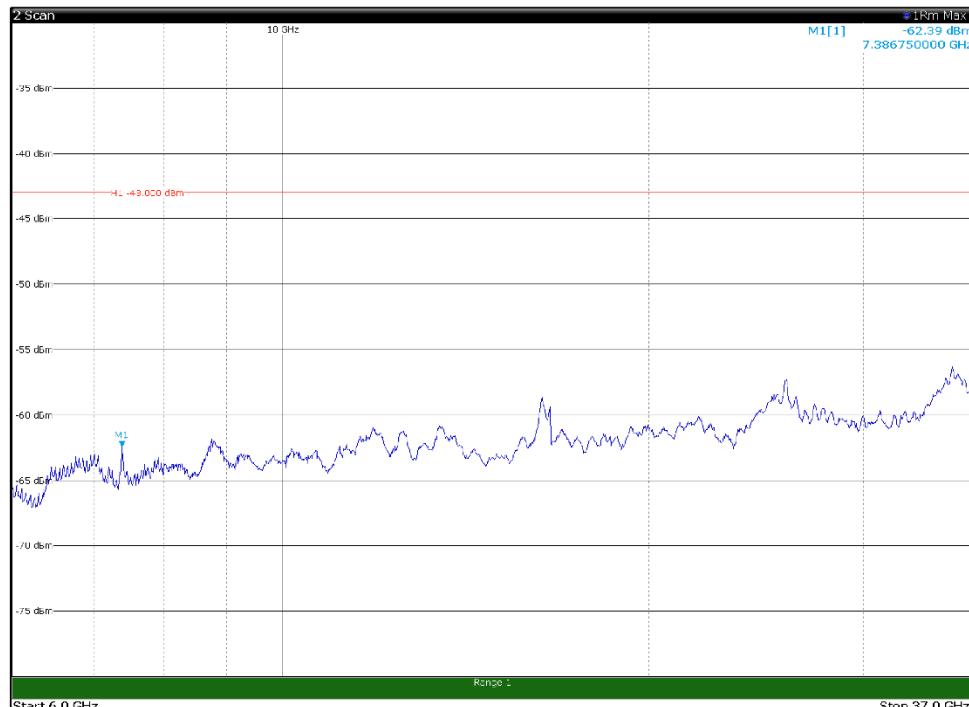
Channel: TOP, Modulation: 64QAM,
BW=15MHz, Range: 6GHz - 37GHz



Channel: TOP, Modulation: 256QAM,
BW=15MHz, Range: 30MHz - 1GHz



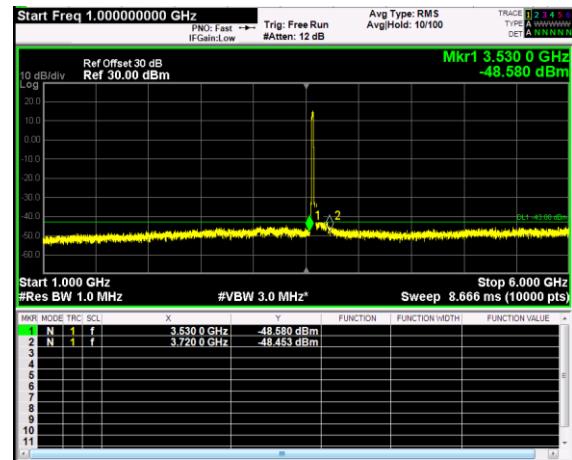
Channel: TOP, Modulation: 256QAM,
BW=15MHz, Range: 1GHz - 6GHz



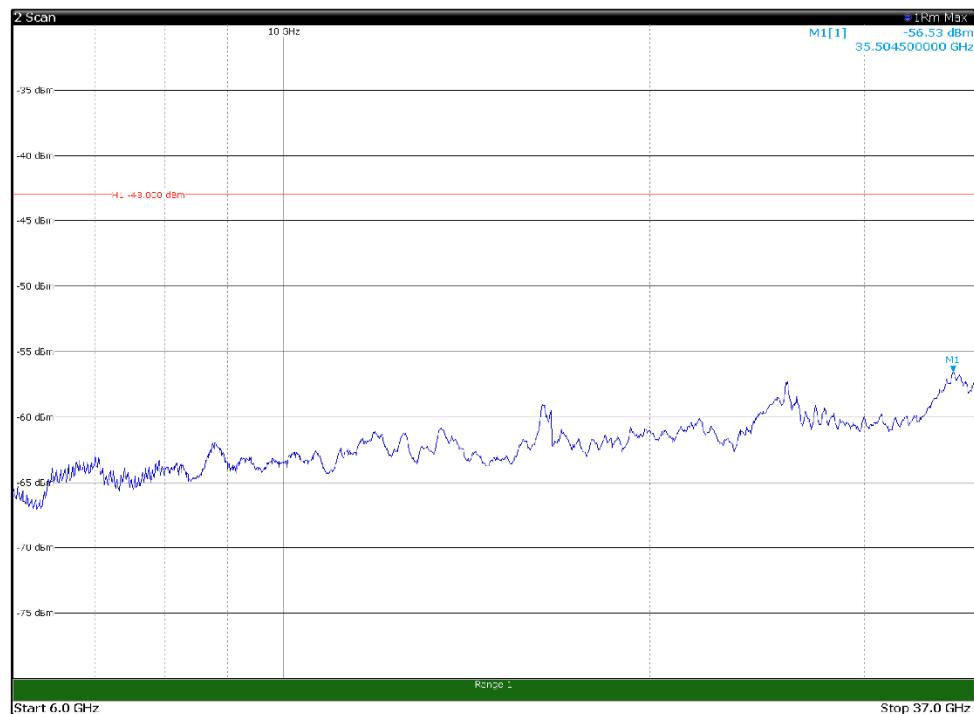
Channel: TOP, Modulation: 256QAM,
BW=15MHz, Range: 6GHz - 37GHz

Specification: FCC 96


Channel: BOTTOM, Modulation: QPSK,
BW=20MHz, Range: 30MHz - 1GHz



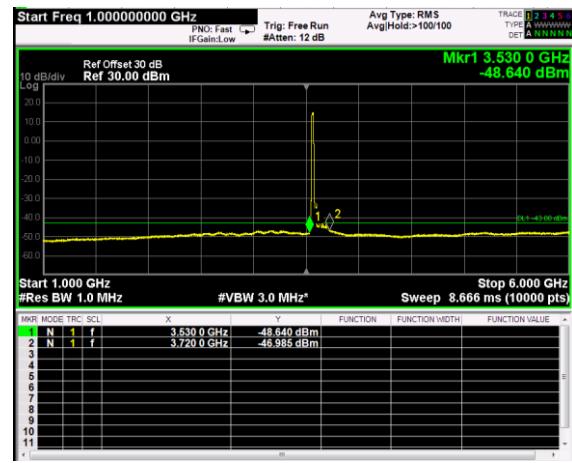
Channel: BOTTOM, Modulation: QPSK,
BW=20MHz, Range: 1GHz - 6GHz



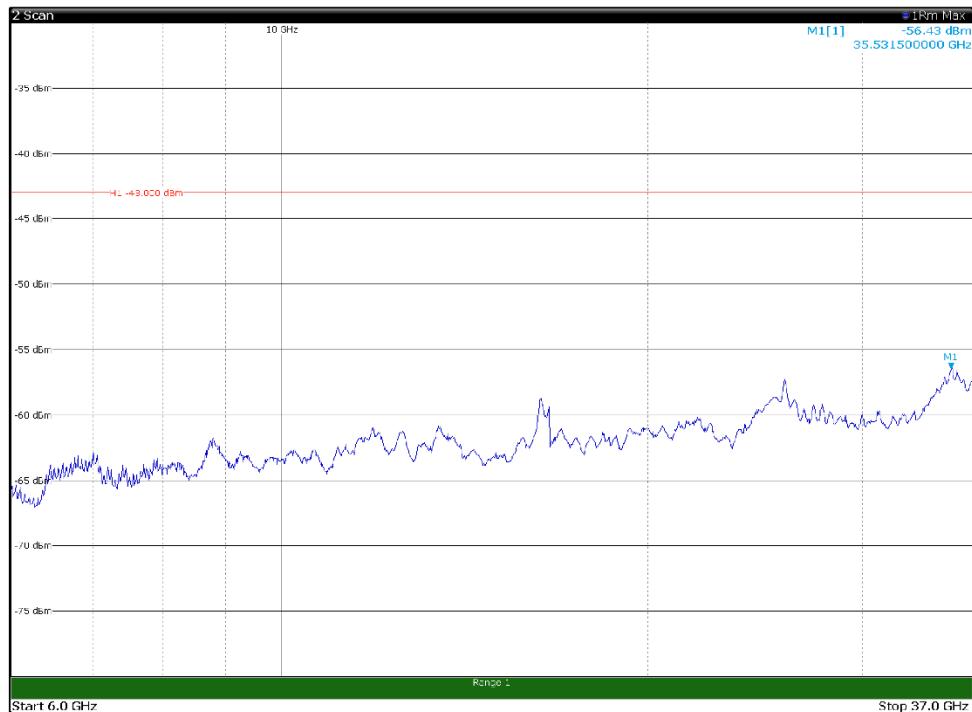
Channel: BOTTOM, Modulation: QPSK,
BW=20MHz, Range: 6GHz - 37GHz



Channel: BOTTOM, Modulation: 16QAM,
BW=20MHz, Range: 30MHz - 1GHz



Channel: BOTTOM, Modulation: 16QAM,
BW=20MHz, Range: 1GHz - 6GHz



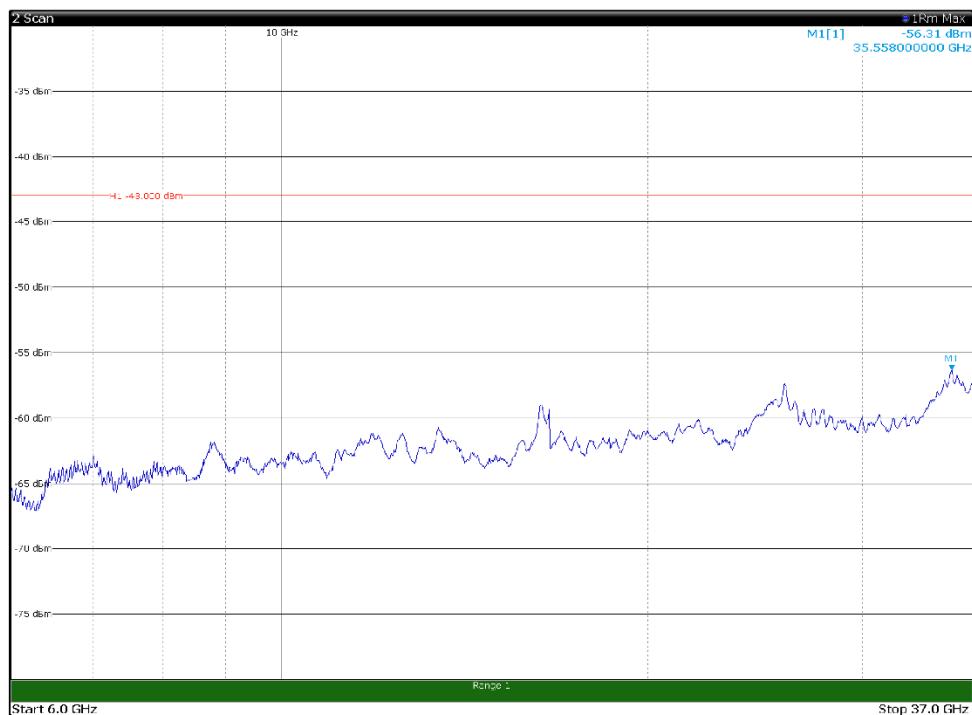
Channel: BOTTOM, Modulation: 16QAM,
BW=20MHz, Range: 6GHz - 37GHz



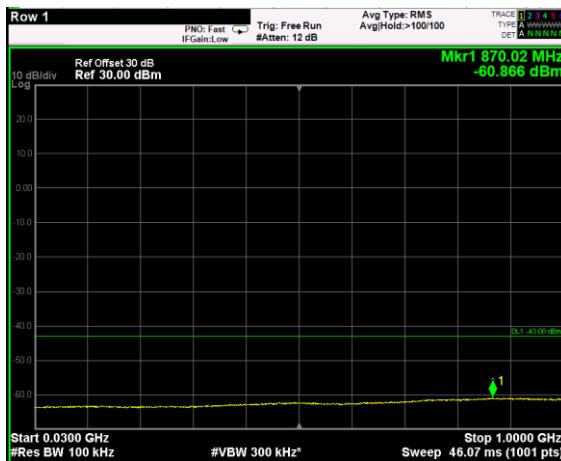
Channel: BOTTOM, Modulation: 64QAM,
BW=20MHz, Range: 30MHz - 1GHz



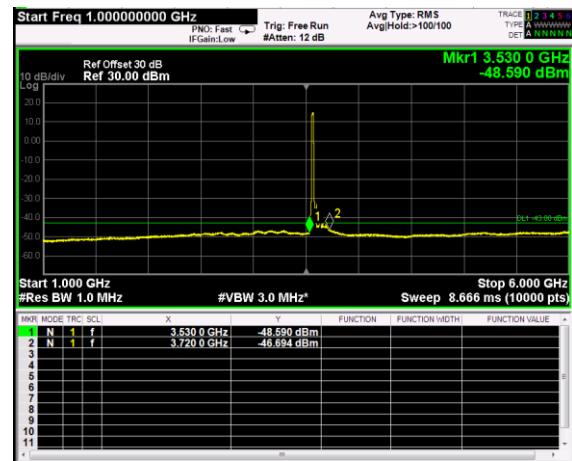
Channel: BOTTOM, Modulation: 64QAM,
BW=20MHz, Range: 1GHz - 6GHz



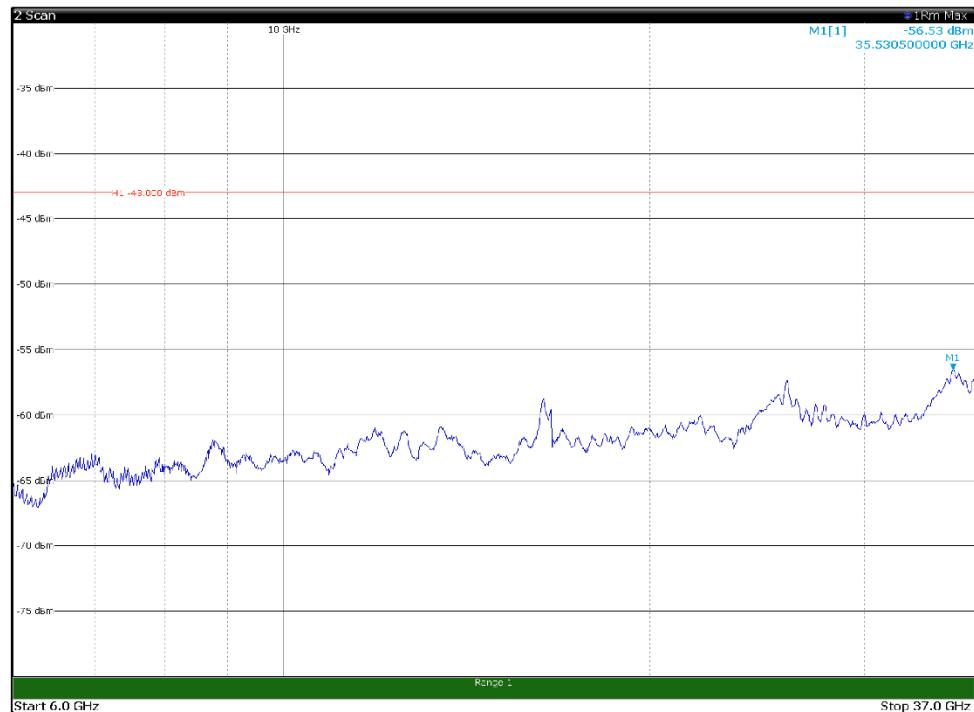
Channel: BOTTOM, Modulation: 64QAM,
BW=20MHz, Range: 6GHz - 37GHz



Channel: BOTTOM, Modulation: 256QAM,
BW=20MHz, Range: 30MHz - 1GHz



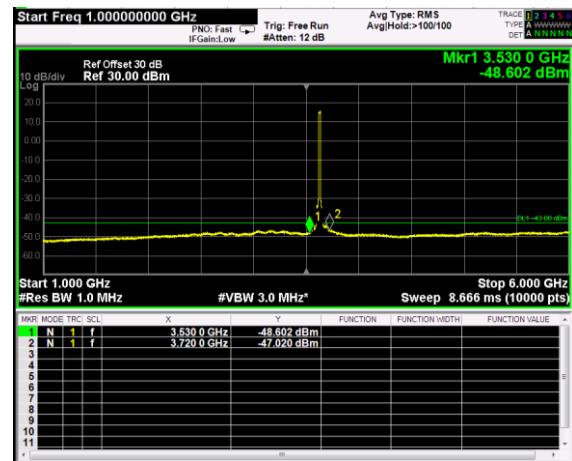
Channel: BOTTOM, Modulation: 256QAM,
BW=20MHz, Range: 1GHz - 6GHz



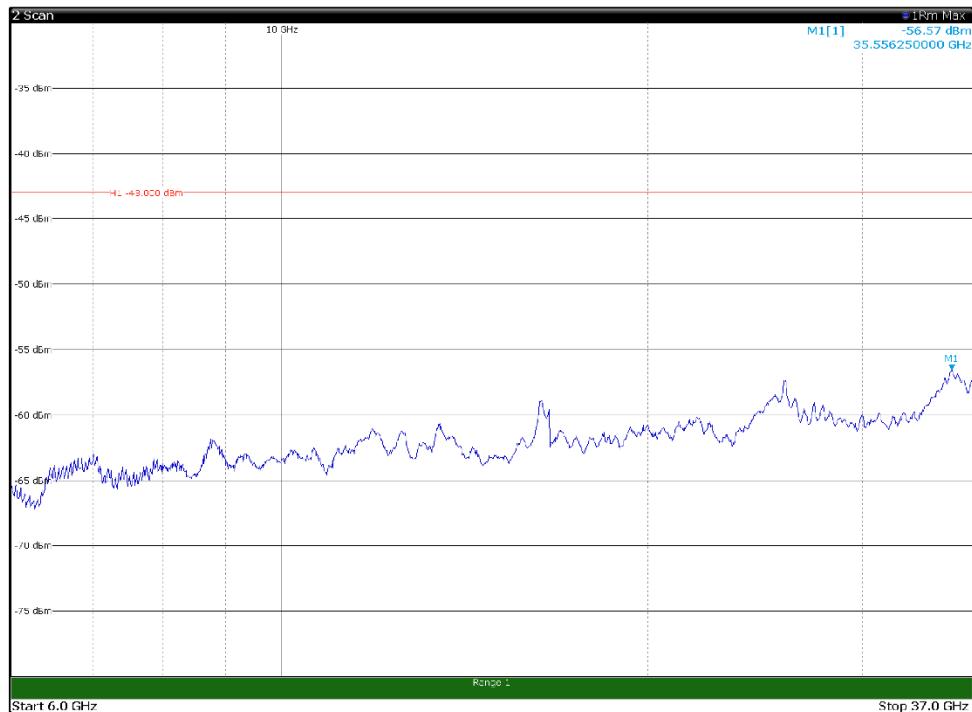
Channel: BOTTOM, Modulation: 256QAM,
BW=20MHz, Range: 6GHz - 37GHz



Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Range: 30MHz - 1GHz



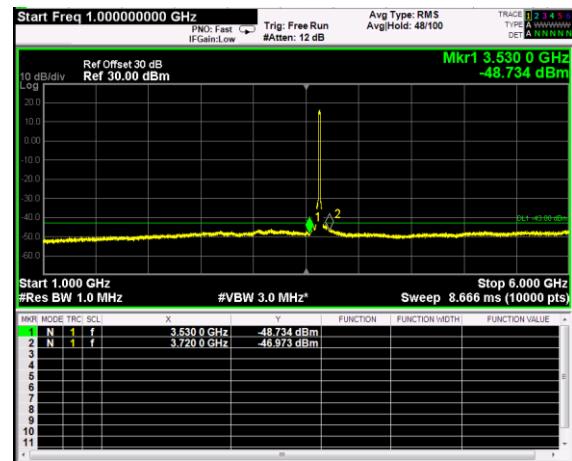
Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Range: 1GHz - 6GHz



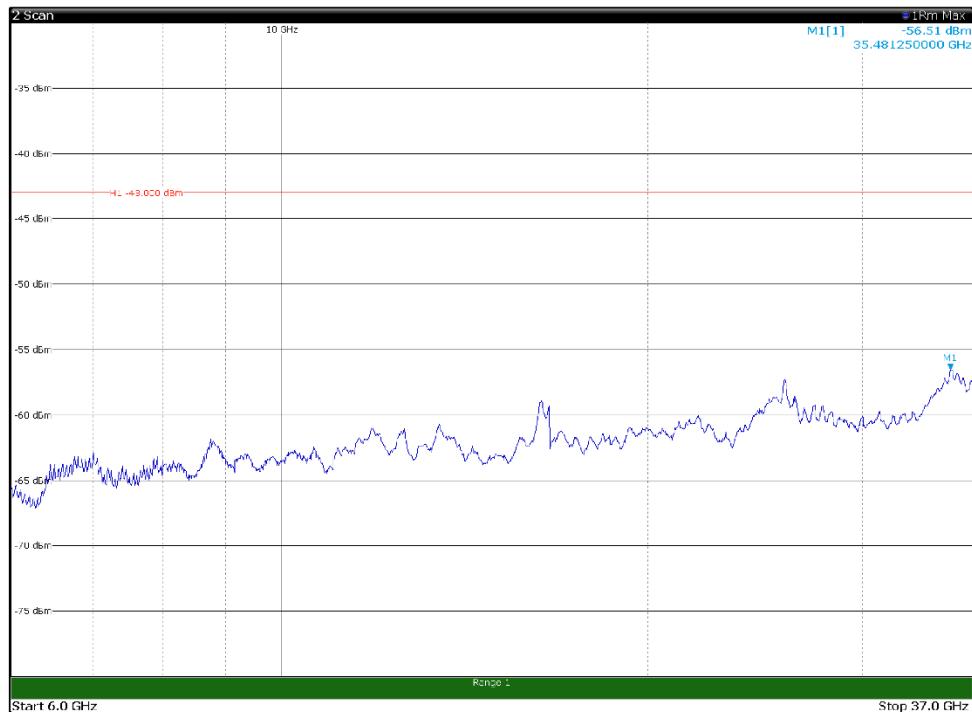
Channel: MIDDLE, Modulation: QPSK,
BW=20MHz, Range: 6GHz - 37GHz



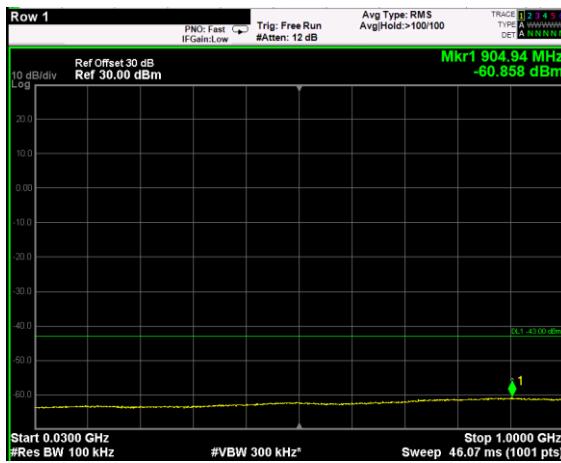
Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, Range: 30MHz - 1GHz



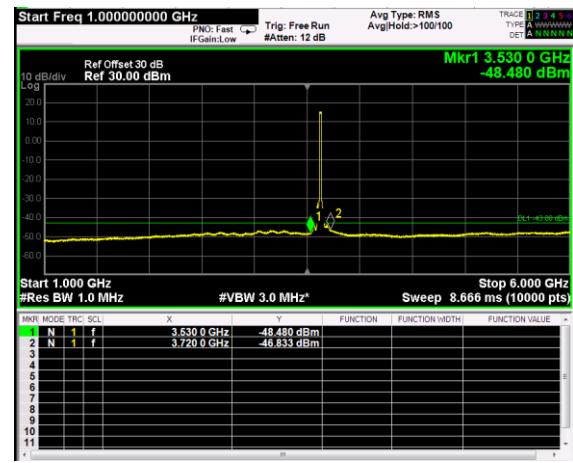
Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, Range: 1GHz - 6GHz



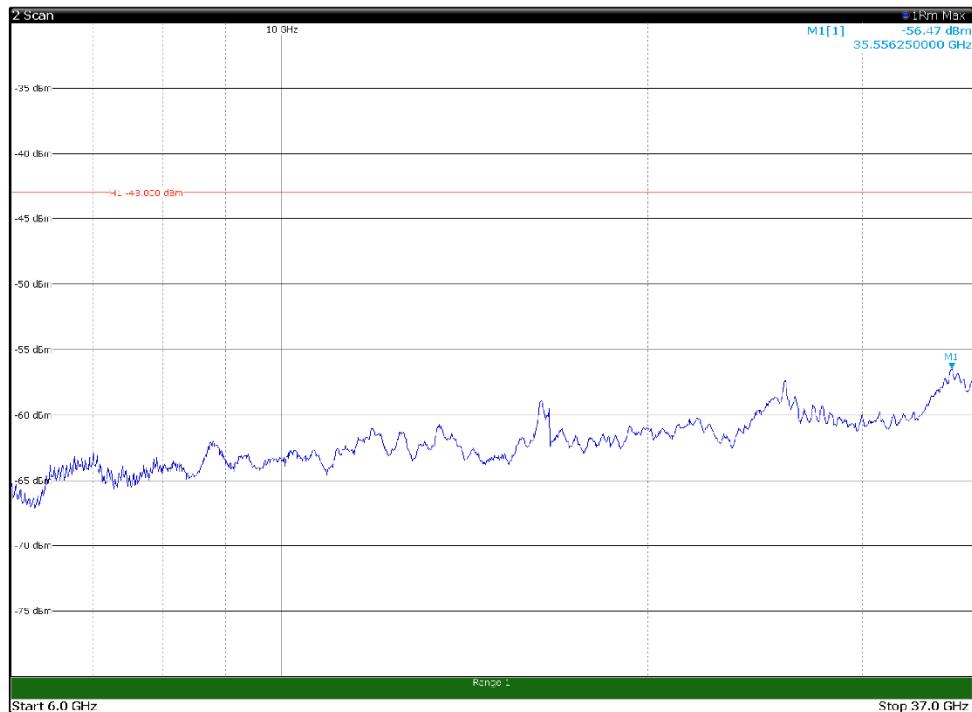
Channel: MIDDLE, Modulation: 16QAM,
BW=20MHz, Range: 6GHz - 37GHz



Channel: MIDDLE, Modulation: 64QAM,
BW=20MHz, Range: 30MHz - 1GHz



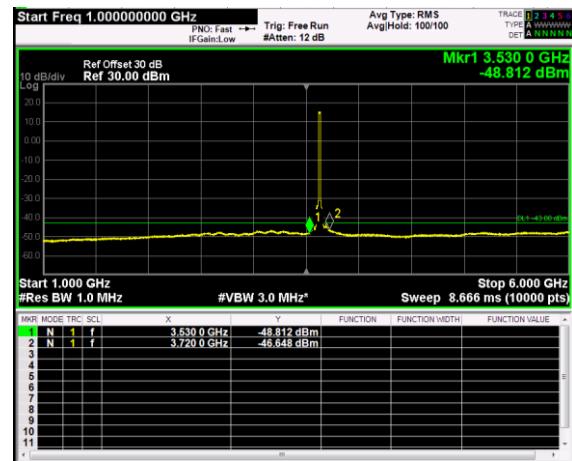
Channel: MIDDLE, Modulation: 64QAM,
BW=20MHz, Range: 1GHz - 6GHz



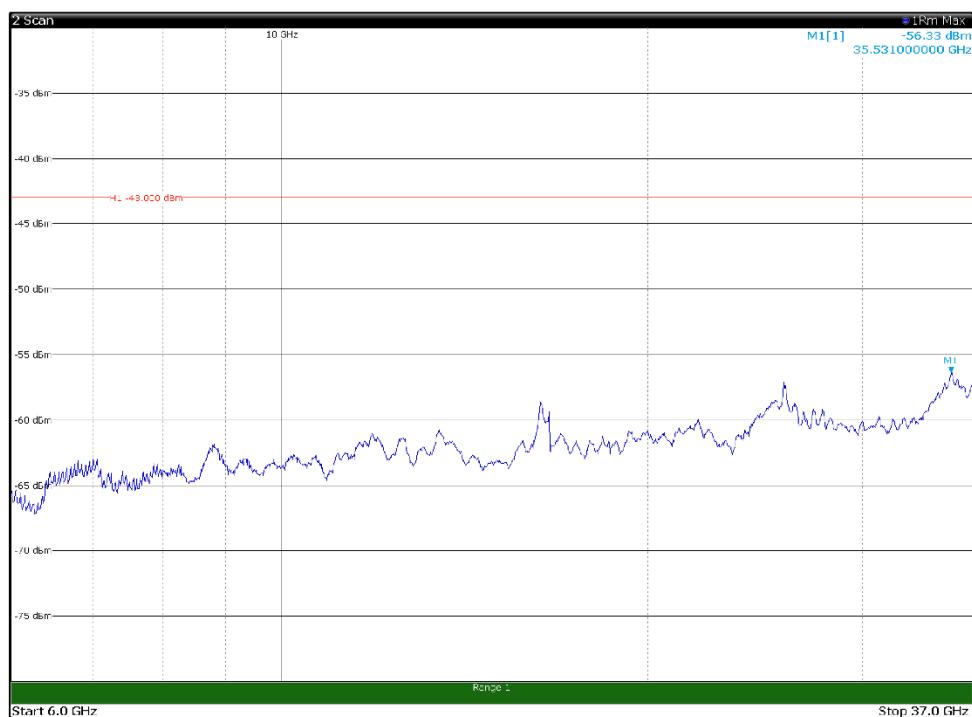
Channel: MIDDLE, Modulation: 64QAM,
BW=20MHz, Range: 6GHz - 37GHz



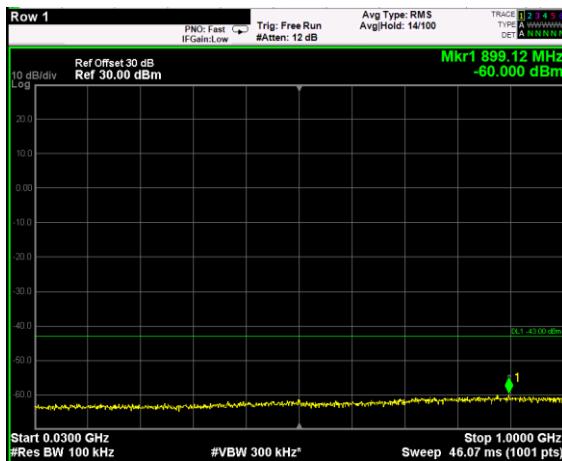
Channel: MIDDLE, Modulation: 256QAM,
BW=20MHz, Range: 30MHz - 1GHz



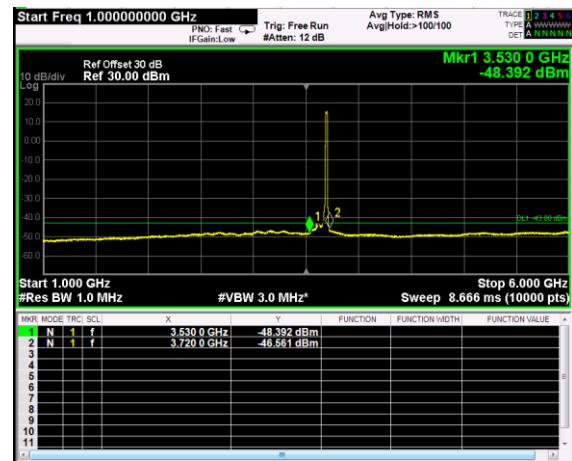
Channel: MIDDLE, Modulation: 256QAM,
BW=20MHz, Range: 1GHz - 6GHz



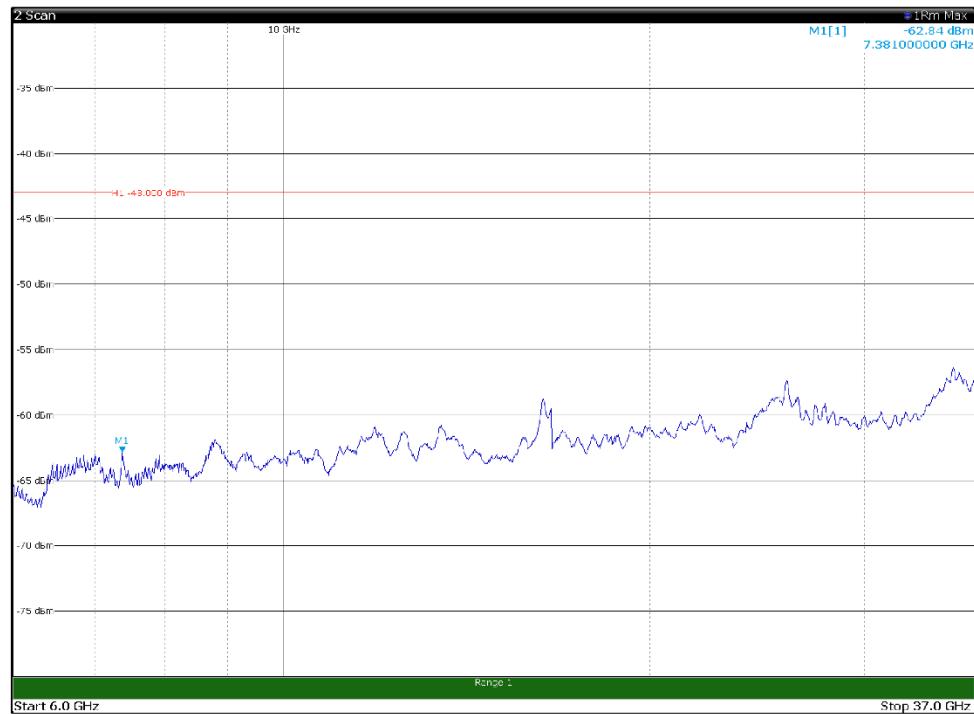
Channel: MIDDLE, Modulation: 256QAM,
BW=20MHz, Range: 6GHz - 37GHz



Channel: TOP, Modulation: QPSK,
BW=20MHz, Range: 30MHz - 1GHz



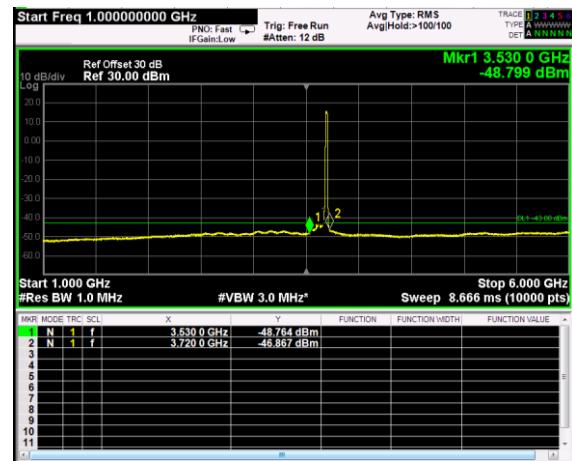
Channel: TOP, Modulation: QPSK,
BW=20MHz, Range: 1GHz - 6GHz



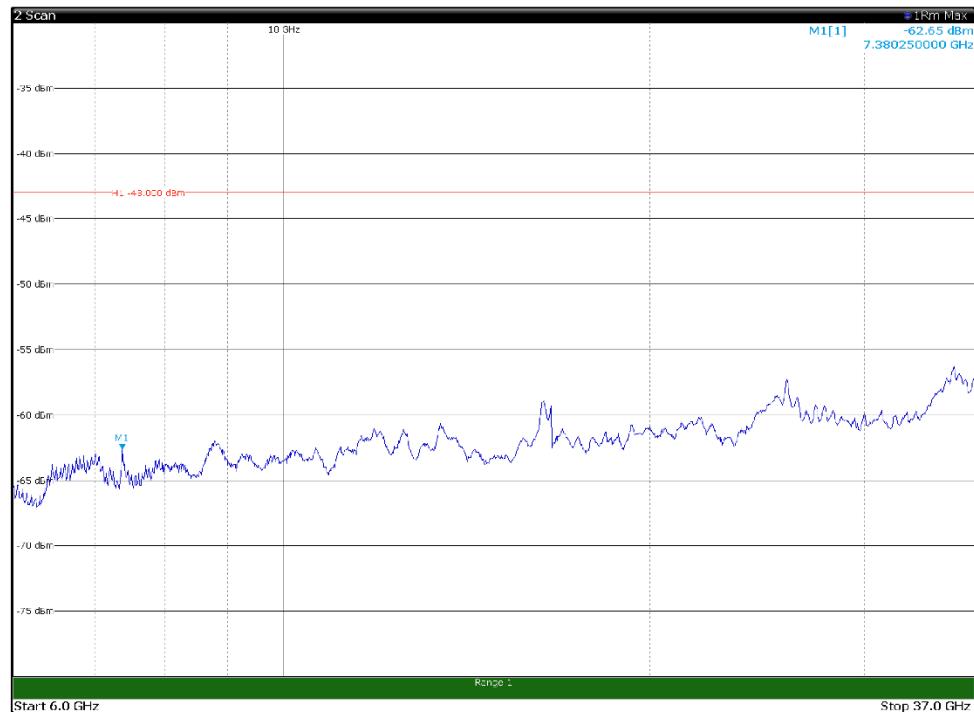
Channel: TOP, Modulation: QPSK,
BW=20MHz, Range: 6GHz - 37GHz



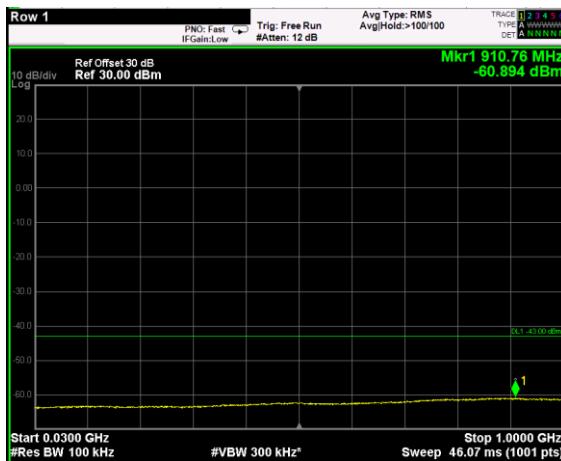
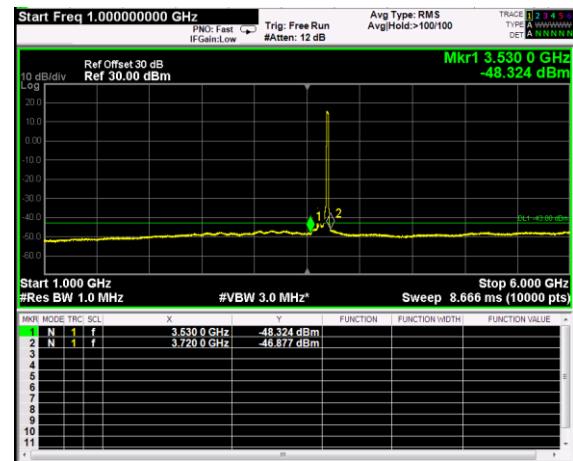
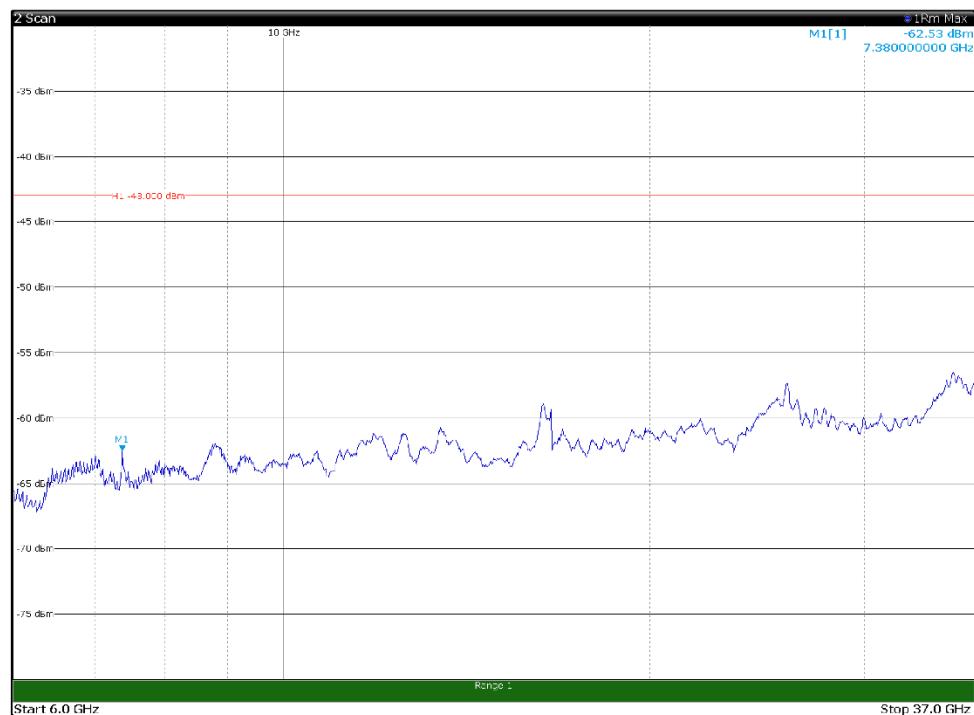
Channel: TOP, Modulation: 16QAM,
BW=20MHz, Range: 30MHz - 1GHz



Channel: TOP, Modulation: 16QAM,
BW=20MHz, Range: 1GHz - 6GHz

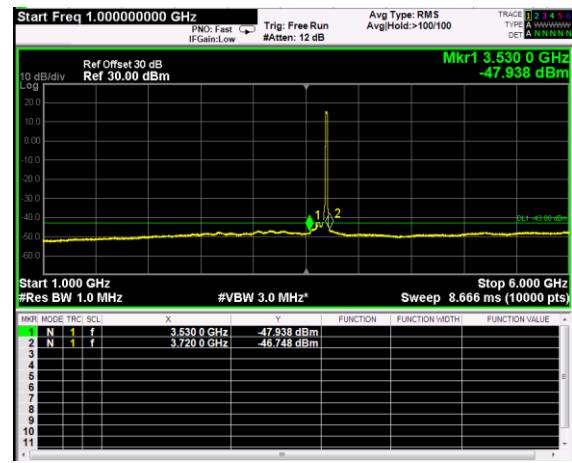


Channel: TOP, Modulation: 16QAM,
BW=20MHz, Range: 6GHz - 37GHz

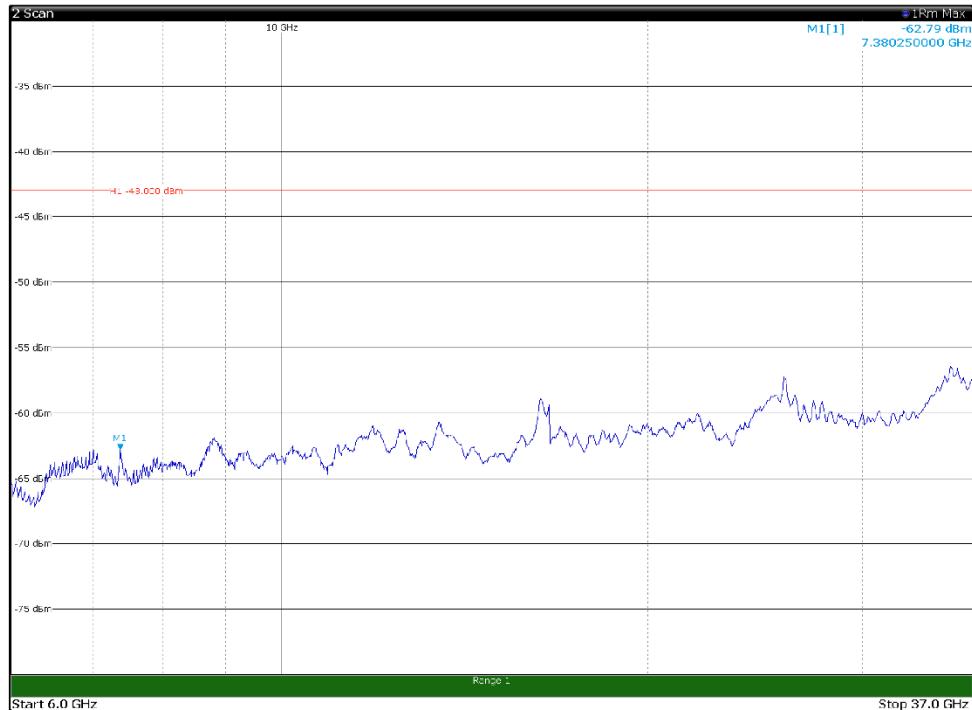
Specification: FCC 96

 Channel: TOP, Modulation: 64QAM,
 BW=20MHz, Range: 30MHz - 1GHz

 Channel: TOP, Modulation: 64QAM,
 BW=20MHz, Range: 1GHz - 6GHz

 Channel: TOP, Modulation: 64QAM,
 BW=20MHz, Range: 6GHz - 37GHz

Specification: FCC 96

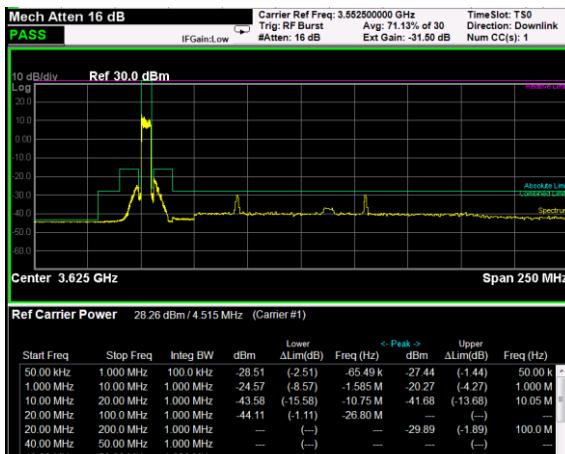
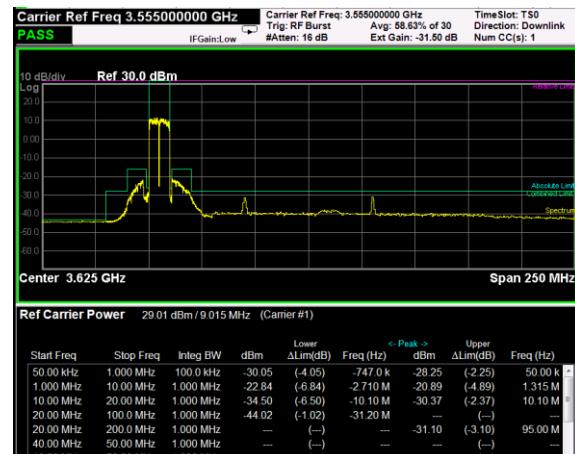
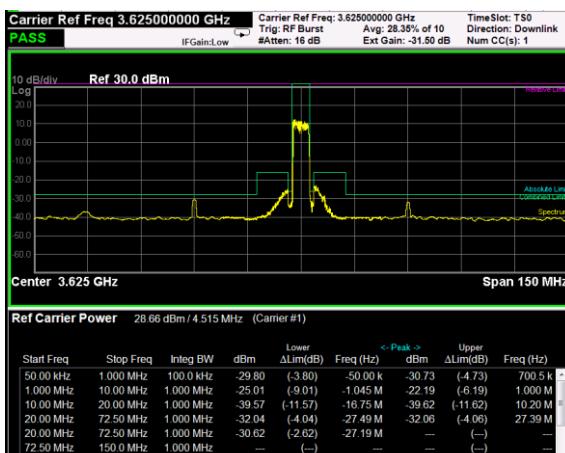
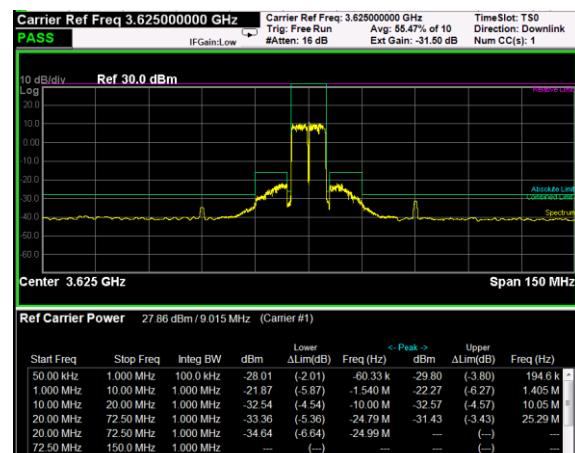
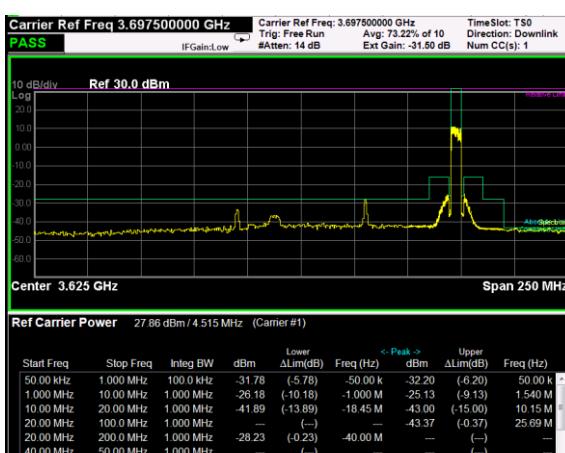

Channel: TOP, Modulation: 256QAM,
BW=20MHz, Range: 30MHz - 1GHz



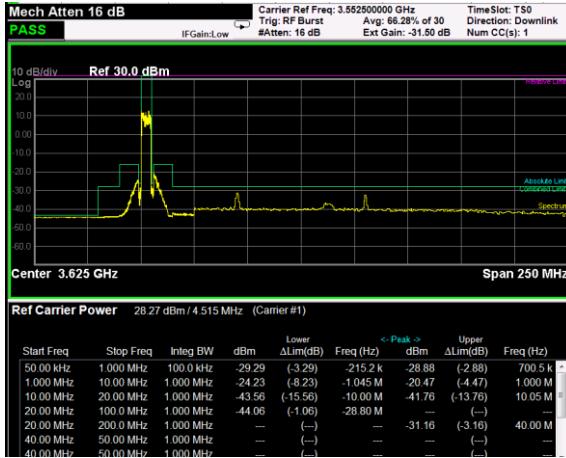
Channel: TOP, Modulation: 256QAM,
BW=20MHz, Range: 1GHz - 6GHz



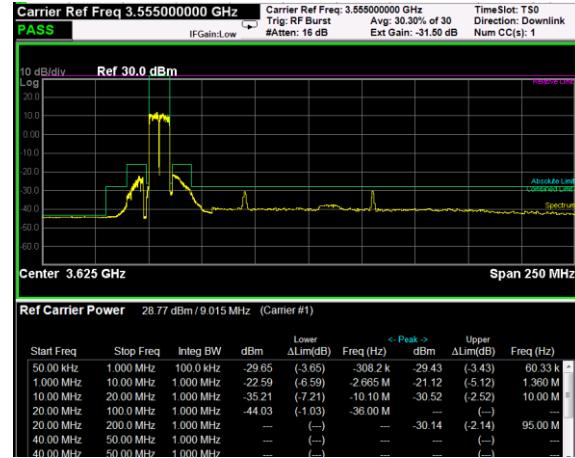
Channel: TOP, Modulation: 256QAM,
BW=20MHz, Range: 6GHz - 37GHz

Test data, continued: band edges Inter modulation
RF PORT 1

Low Band Edge, 1 Carrier, Modulation: QPSK, BW=5MHz

Low Band Edge, 2 Carrier, Modulation: QPSK, BW=5MHz

Middle Band Edge, 1 Carrier, Modulation: QPSK, BW=5MHz

Middle Band Edge, 2 Carrier, Modulation: QPSK, BW=5MHz

High Band Edge, 1 Carrier, Modulation: QPSK, BW=5MHz

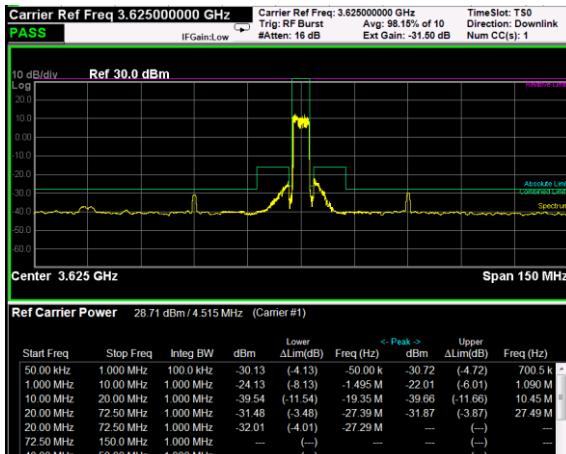
High Band Edge, 2 Carrier, Modulation: QPSK, BW=5MHz



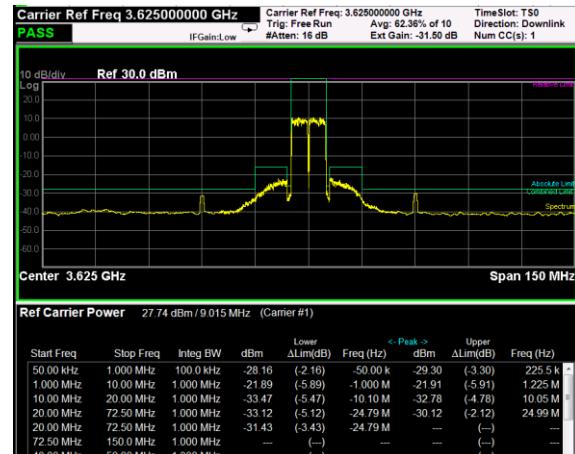
Low Band Edge, 1 Carrier,
Modulation: 16QAM, BW=5MHz



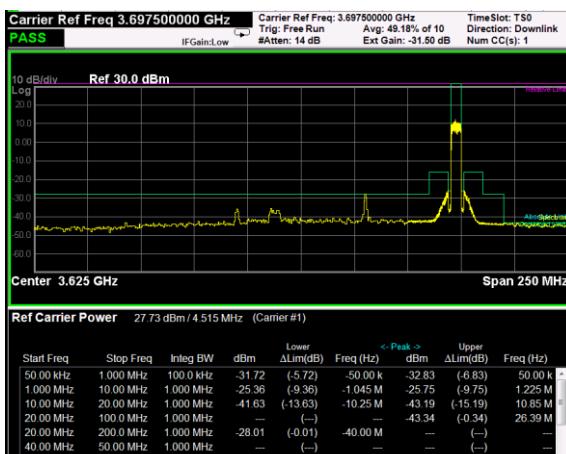
Low Band Edge, 2 Carrier,
Modulation: 16QAM, BW=5MHz



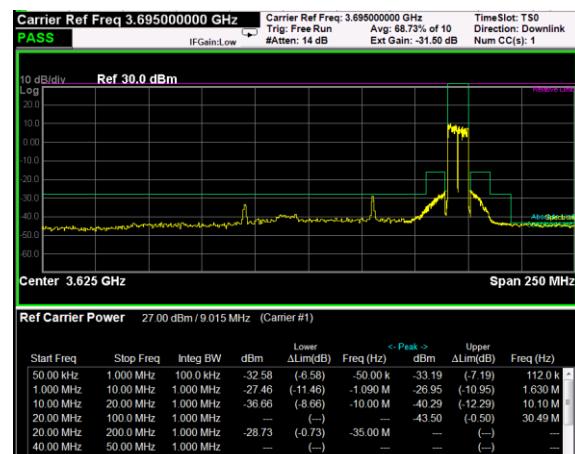
Middle Band Edge, 1 Carrier,
Modulation: 16QAM, BW=5MHz



Middle Band Edge, 2 Carrier,
Modulation: 16QAM, BW=5MHz



High Band Edge, 1 Carrier,
Modulation: 16QAM, BW=5MHz



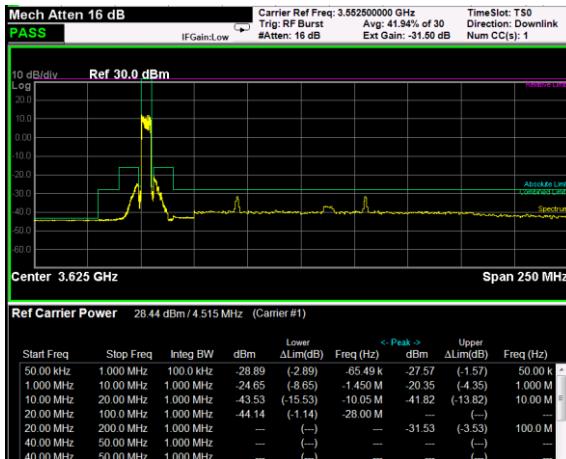
High Band Edge, 2 Carrier,
Modulation: 16QAM, BW=5MHz



Appendix A: Test results

Product: XR19AX35WM2/48Y

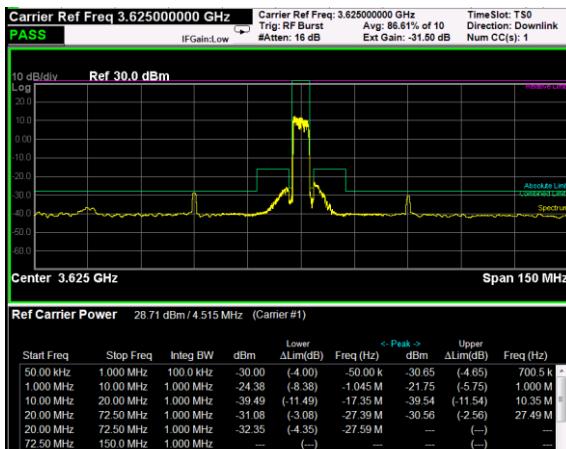
Specification: FCC 96



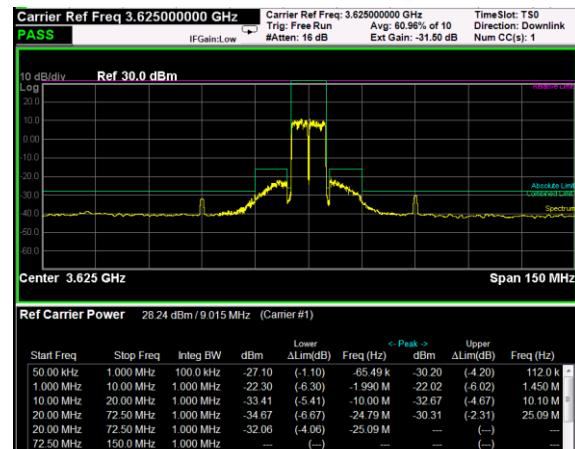
Low Band Edge, 1 Carrier,
Modulation: 64QAM, BW=5MHz



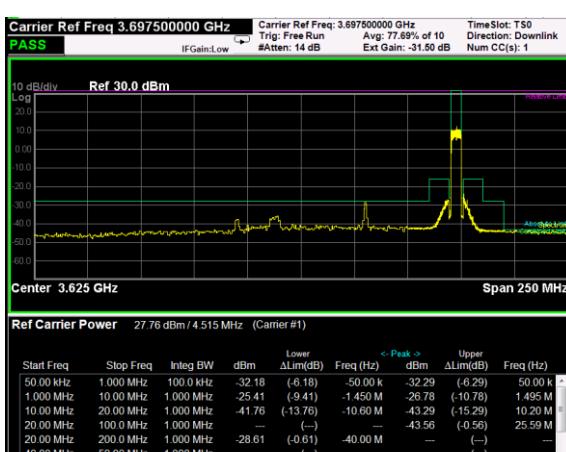
Low Band Edge, 2 Carrier,
Modulation: 64QAM, BW=5MHz



Middle Band Edge, 1 Carrier,
Modulation: 64QAM, BW=5MHz



Middle Band Edge, 2 Carrier,
Modulation: 64QAM, BW=5MHz



High Band Edge, 1 Carrier,
Modulation: 64QAM, BW=5MHz



High Band Edge, 2 Carrier,
Modulation: 64QAM, BW=5MHz