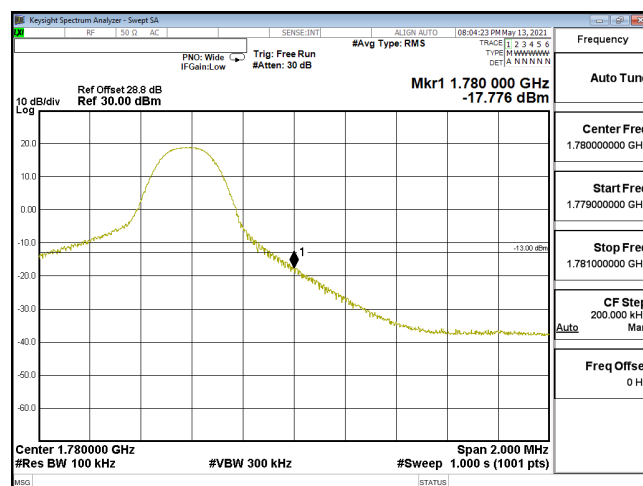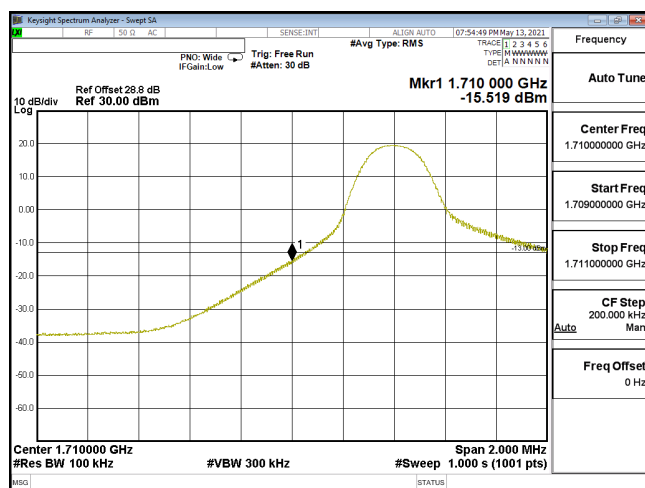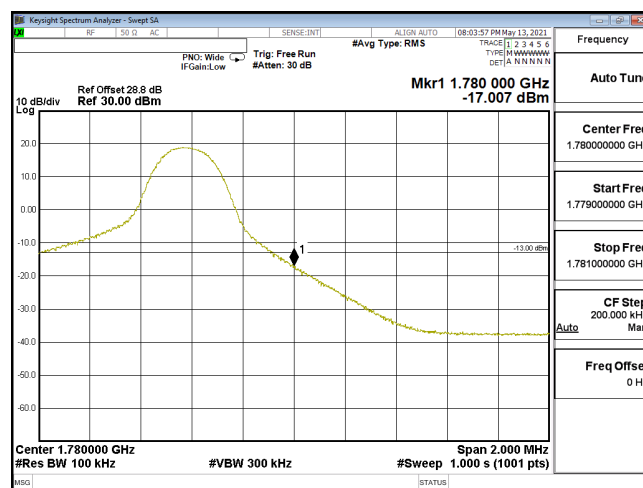DEKRA

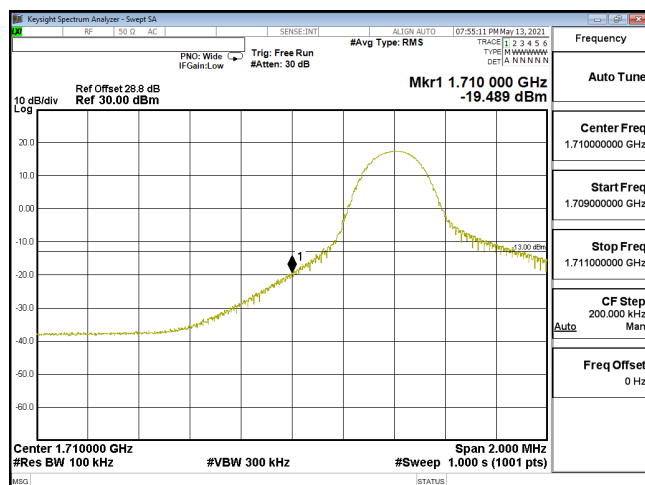EDGE-ENDC_12A_n66-16QAM_10M_CH343000_1715(1,0)_SCS15KHz

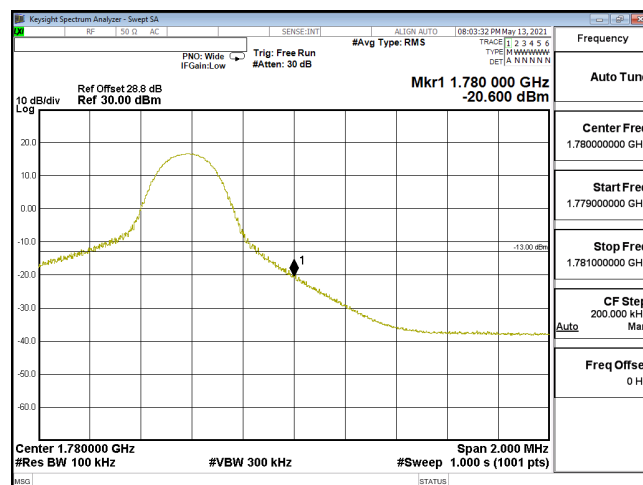EDGE-ENDC_12A_n66-16QAM_10M_CH355000_1715(1,51)_SCS15KHz

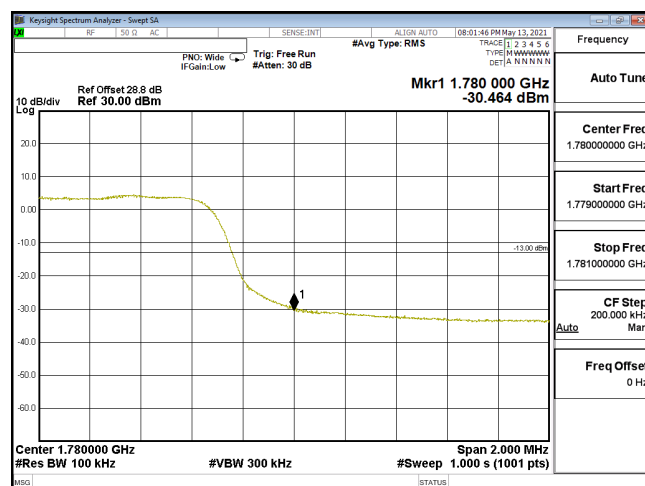EDGE-ENDC_12A_n66-64QAM_10M_CH343000_1715(1,0)_SCS15KHz

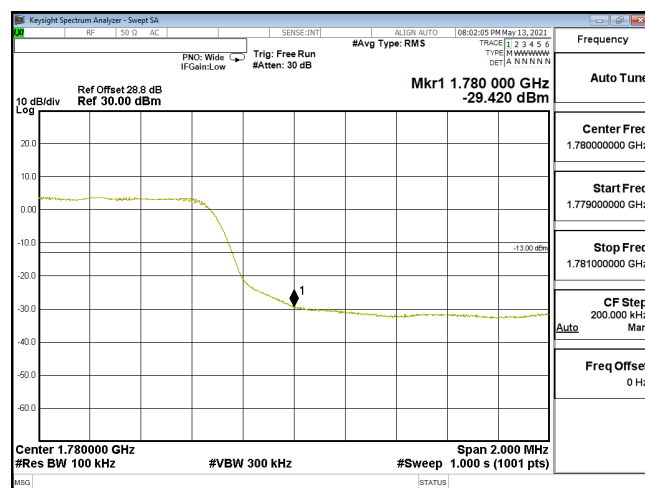EDGE-ENDC_12A_n66-64QAM_10M_CH355000_1715(1,51)_SCS15KHz

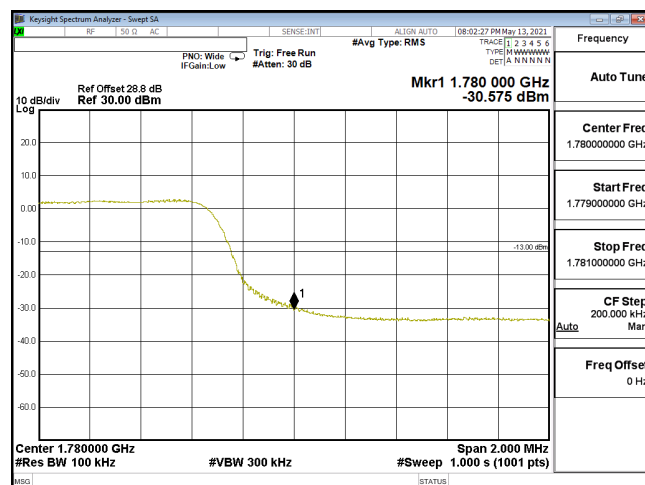EDGE-ENDC_12A_n66-256QAM_10M_CH343000_1715(1,0)_SCS15KHz

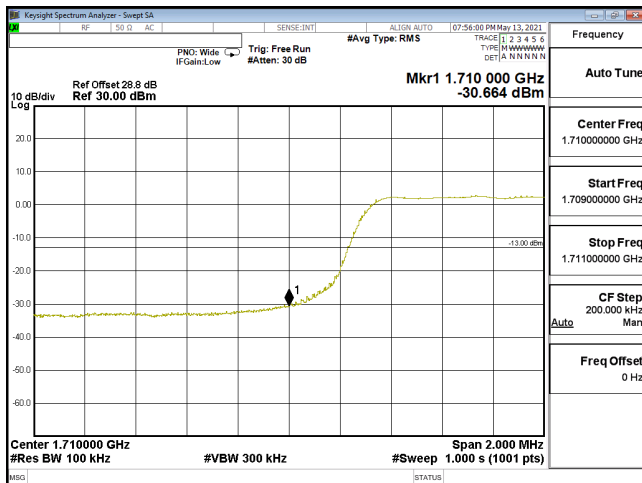EDGE-ENDC_12A_n66-256QAM_10M_CH355000_1715(1,51)_SCS15KHz

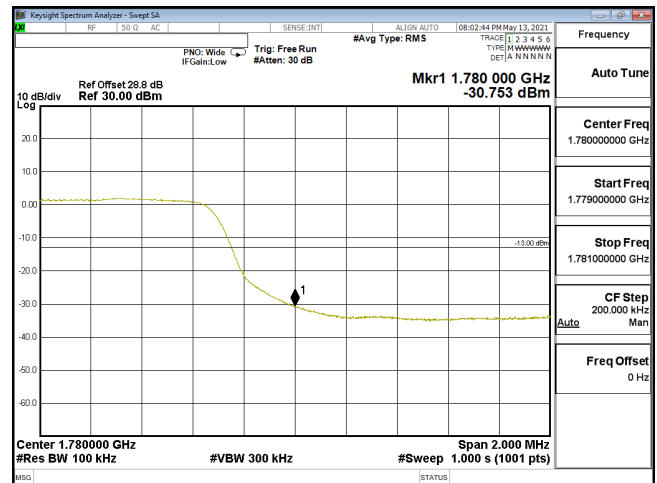EDGE-ENDC_12A_n66-PI2-BPSK_10M_CH343000_1715(50,0)_SCS15KHz

EDGE-ENDC_12A_n66-PI2-BPSK_10M_CH355000_1715(50,2)_SCS15KHz

EDGE-ENDC_12A_n66-QPSK_10M_CH343000_1715(50,0)_SCS15KHz

EDGE-ENDC_12A_n66-QPSK_10M_CH355000_1715(50,2)_SCS15KHz

EDGE-ENDC_12A_n66-16QAM_10M_CH343000_1715(50,0)_SCS15KHz

EDGE-ENDC_12A_n66-16QAM_10M_CH355000_1715(50,2)_SCS15KHz

DEKRA

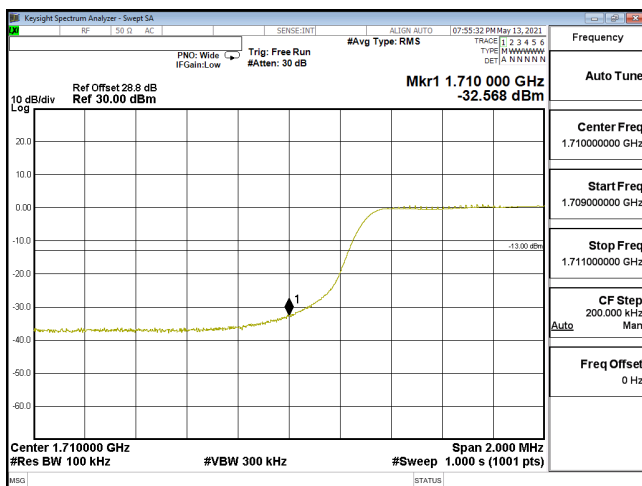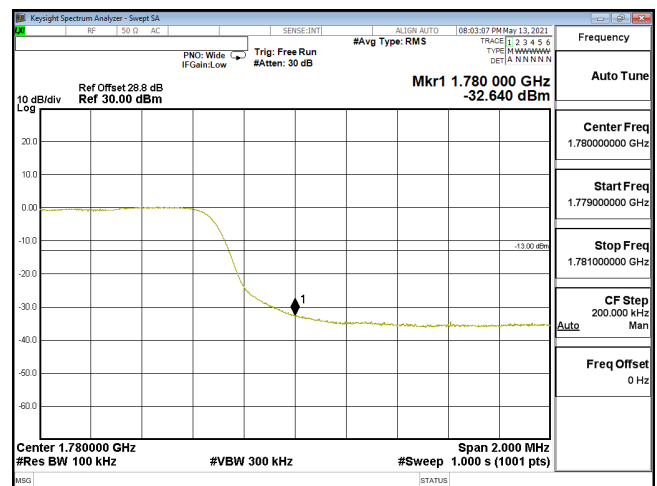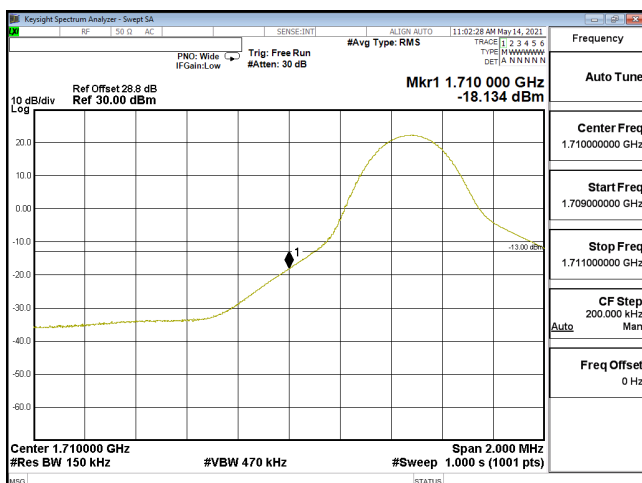EDGE-ENDC_12A_n66-64QAM_10M_CH343000_1715(50,0)_SCS15KHz

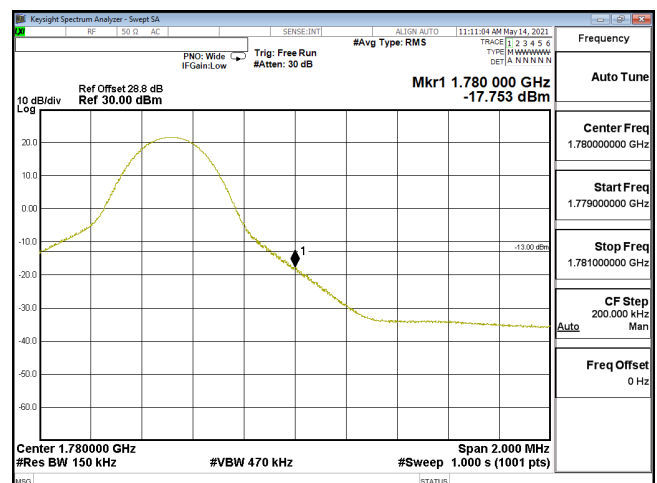EDGE-ENDC_12A_n66-64QAM_10M_CH355000_1715(50,2)_SCS15KHz

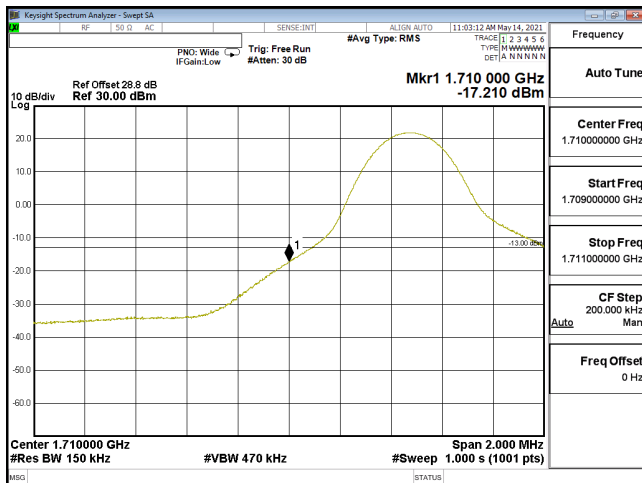EDGE-ENDC_12A_n66-256QAM_10M_CH343000_1715(50,0)_SCS15KHz

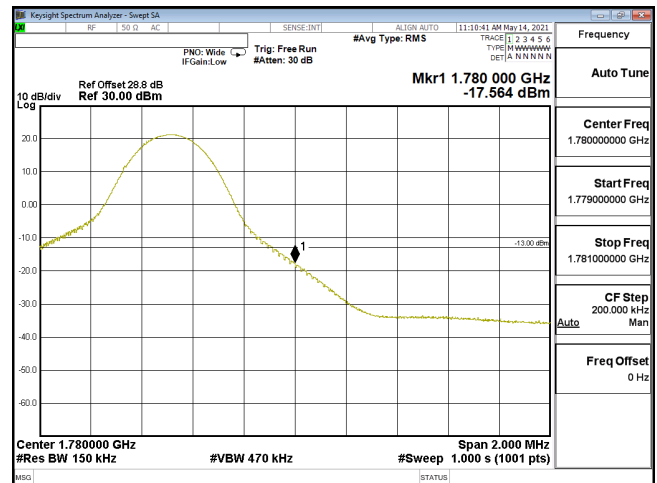EDGE-ENDC_12A_n66-256QAM_10M_CH355000_1715(50,2)_SCS15KHz

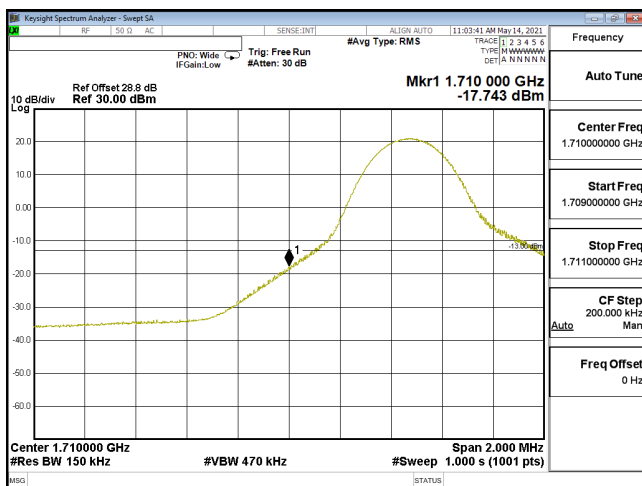EDGE-ENDC_12A_n66-PI2-BPSK_15M_CH343500_1717.5(1,0)_SCS15KHz

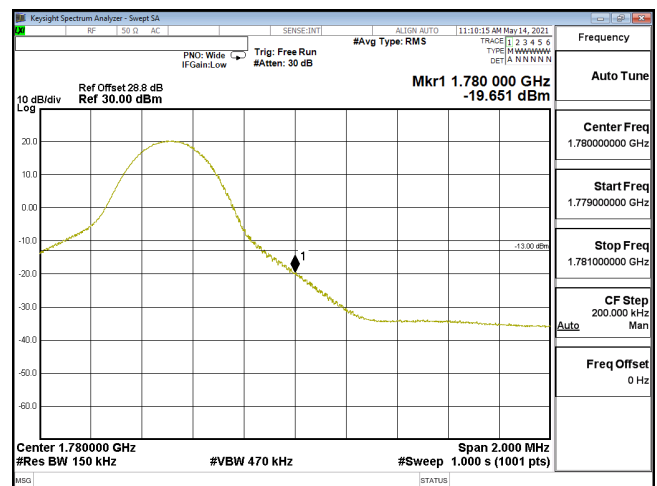EDGE-ENDC_12A_n66-PI2-BPSK_15M_CH354500_1717.5(1,78)_SCS15KHz

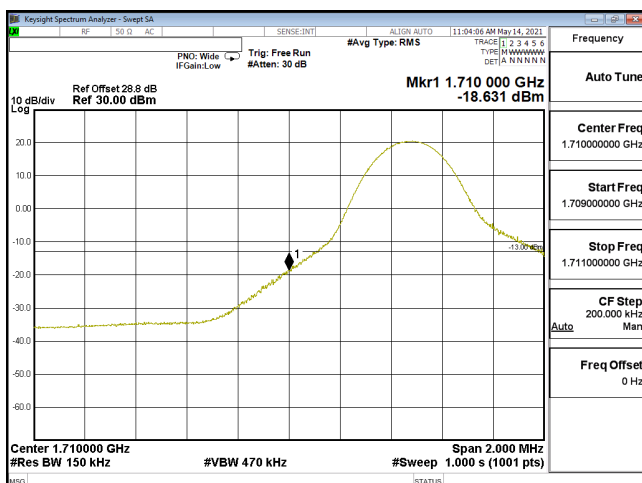EDGE-ENDC_12A_n66-QPSK_15M_CH343500_1717.5(1,0)_SCS15KHz

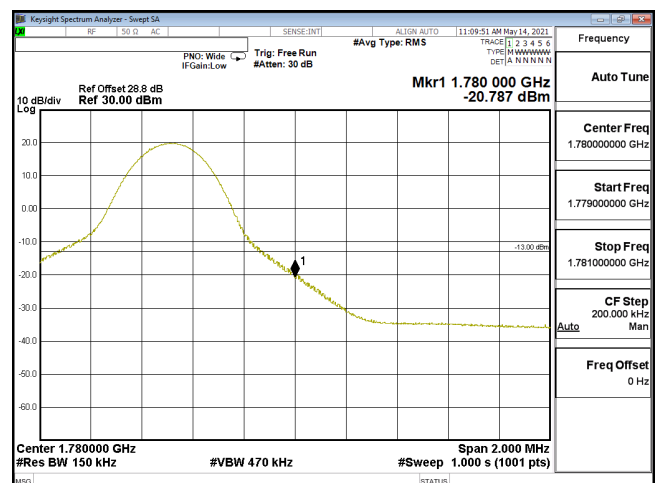EDGE-ENDC_12A_n66-QPSK_15M_CH354500_1717.5(1,78)_SCS15KHz

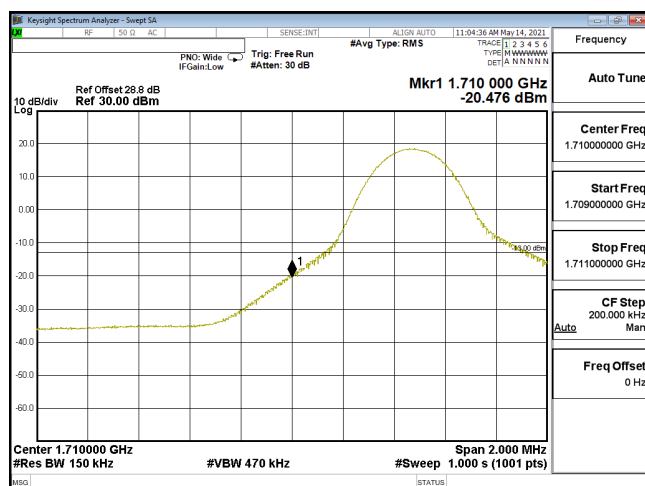EDGE-ENDC_12A_n66-16QAM_15M_CH343500_1717.5(1,0)_SCS15KHz

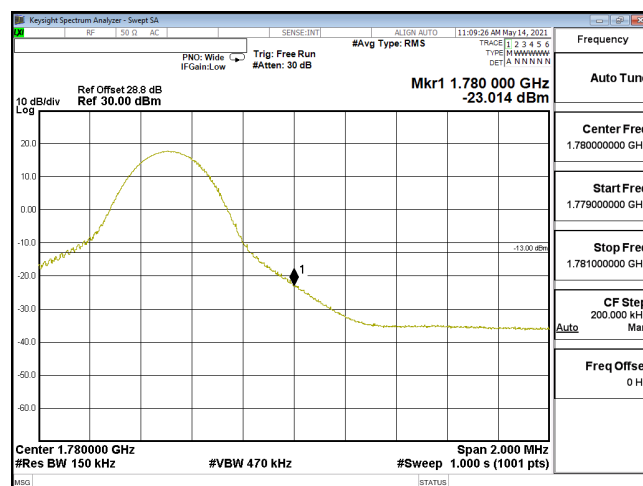EDGE-ENDC_12A_n66-16QAM_15M_CH354500_1717.5(1,78)_SCS15KHz

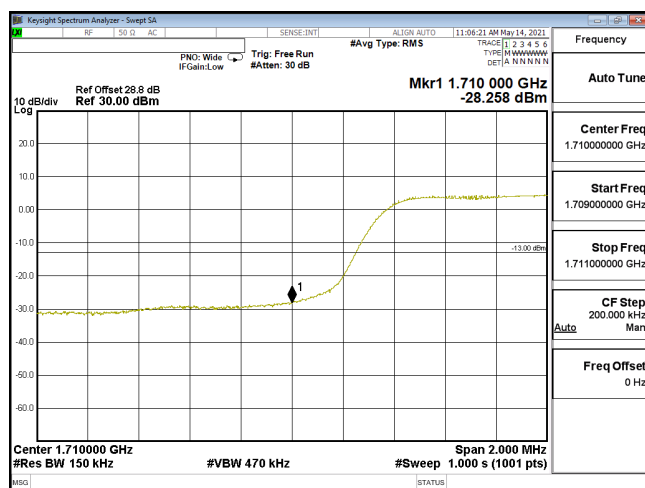EDGE-ENDC_12A_n66-64QAM_15M_CH343500_1717.5(1,0)_SCS15KHz

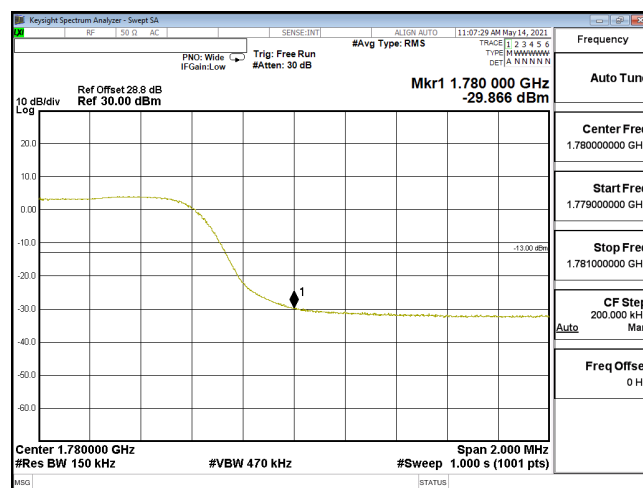EDGE-ENDC_12A_n66-64QAM_15M_CH354500_1717.5(1,78)_SCS15KHz

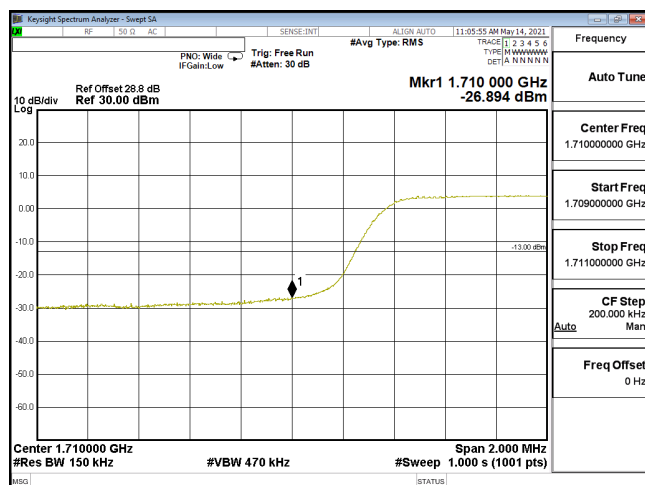EDGE-ENDC_12A_n66-256QAM_15M_CH343500_1717.5(1,0)_SCS15KHz

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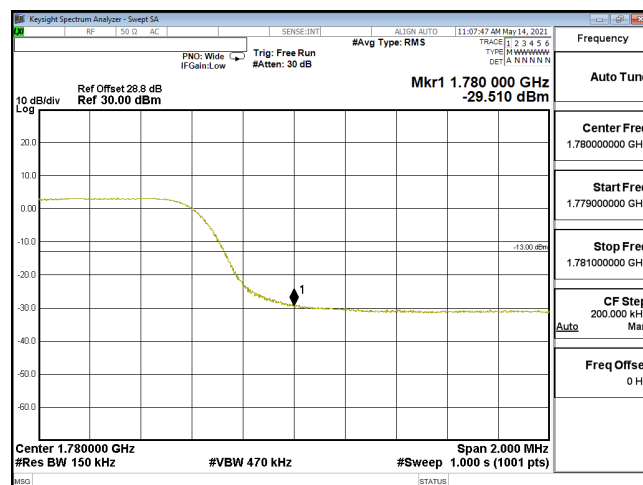

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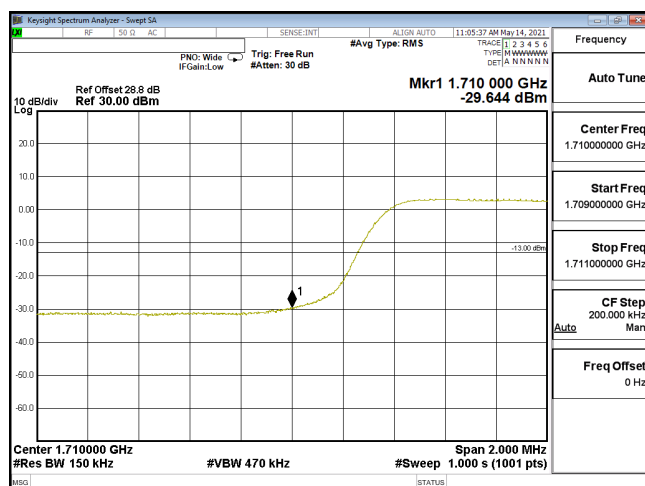

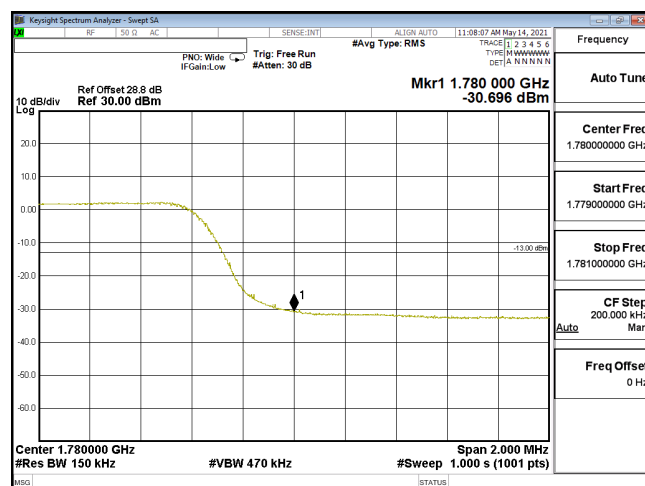EDGE-ENDC_12A_n66-PI2-BPSK_15M_CH354500_1717.5(75,4)_SCS15KHz

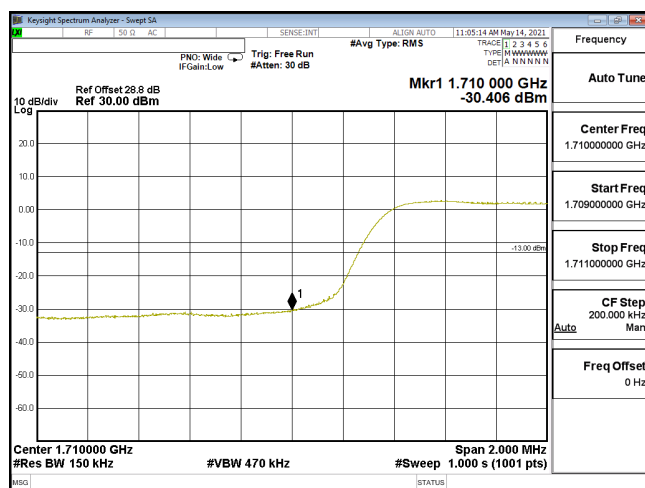EDGE-ENDC_12A_n66-QPSK_15M_CH343500_1717.5(75,0)_SCS15KHz

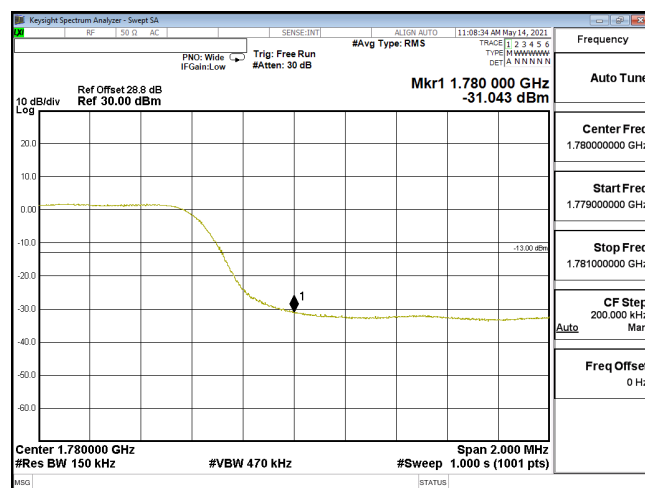EDGE-ENDC_12A_n66-QPSK_15M_CH354500_1717.5(75,4)_SCS15KHz

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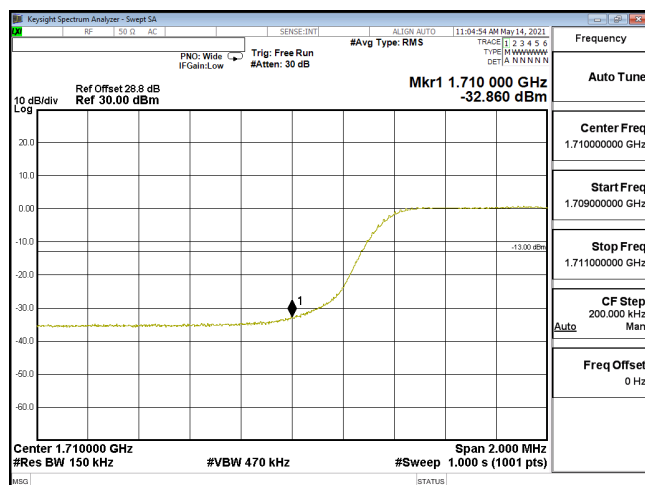

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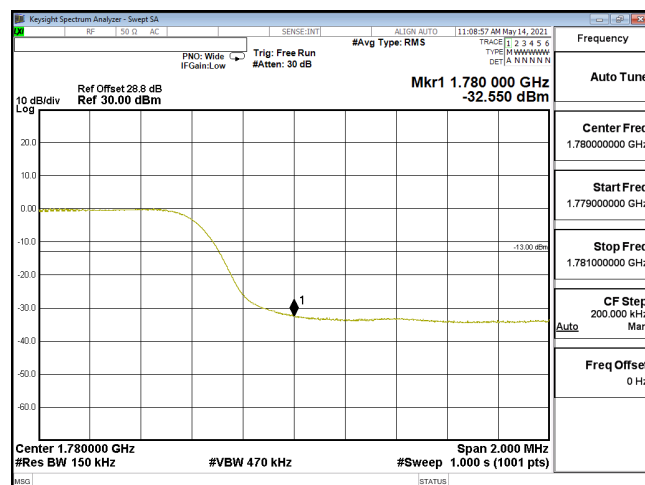

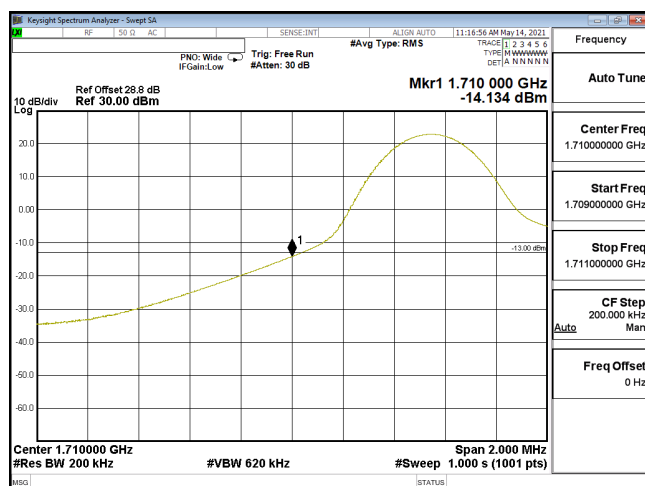EDGE-ENDC_12A_n66-64QAM_15M_CH343500_1717.5(75,0)_SCS15KHz

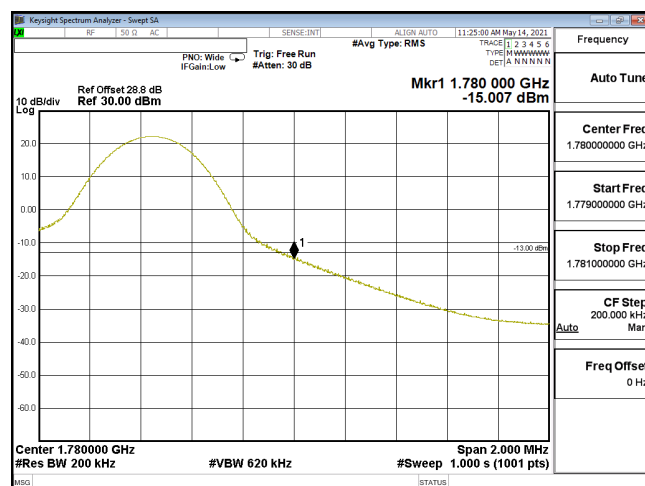EDGE-ENDC_12A_n66-64QAM_15M_CH354500_1717.5(75,4)_SCS15KHz

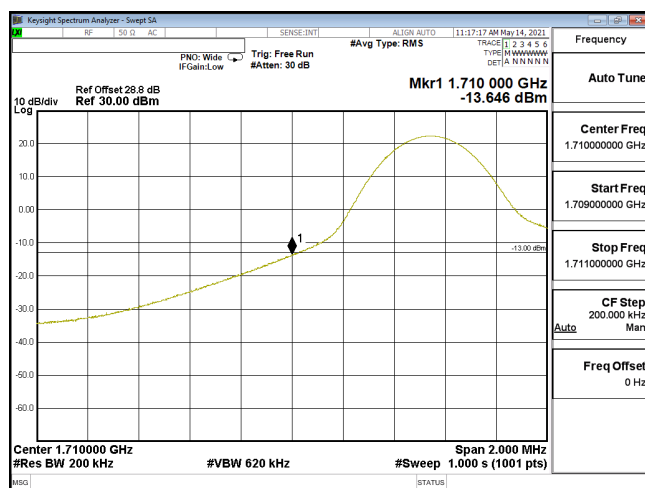EDGE-ENDC_12A_n66-256QAM_15M_CH343500_1717.5(75,0)_SCS15KHz

EDGE-ENDC_12A_n66-256QAM_15M_CH354500_1717.5(75,4)_SCS15KHz

EDGE-ENDC_12A_n66-PI2-BPSK_20M_CH344000_1720(1,0)_SCS15KHz

EDGE-ENDC_12A_n66-PI2-BPSK_20M_CH344000_1720(1,105)_SCS15KHz

EDGE-ENDC_12A_n66-QPSK_20M_CH344000_1720(1,0)_SCS15KHz

EDGE-ENDC_12A_n66-QPSK_20M_CH344000_1720(1,105)_SCS15KHz

EDGE-ENDC_12A_n66-16QAM_20M_CH344000_1720(1,0)_SCS15KHz

EDGE-ENDC_12A_n66-16QAM_20M_CH344000_1720(1,105)_SCS15KHz

EDGE-ENDC_12A_n66-64QAM_20M_CH344000_1720(1,0)_SCS15KHz

EDGE-ENDC_12A_n66-64QAM_20M_CH344000_1720(1,105)_SCS15KHz

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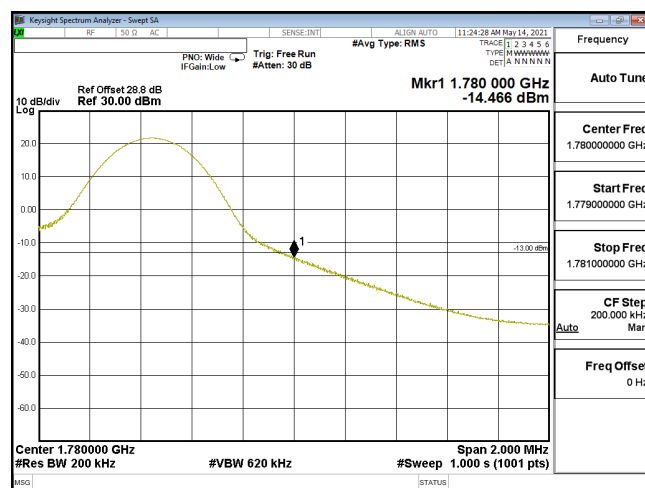EDGE-ENDC_12A_n66-256QAM_20M_CH344000_1720(1,105)_SCS15KHz

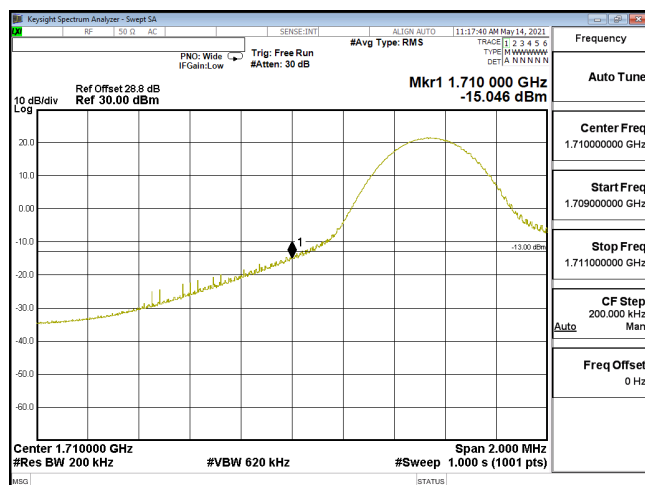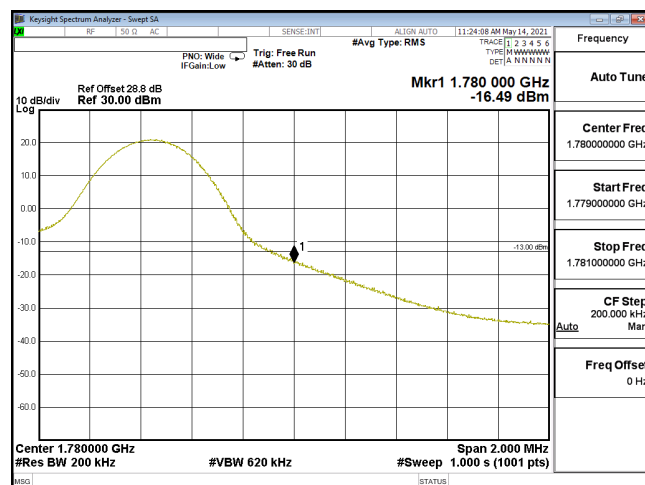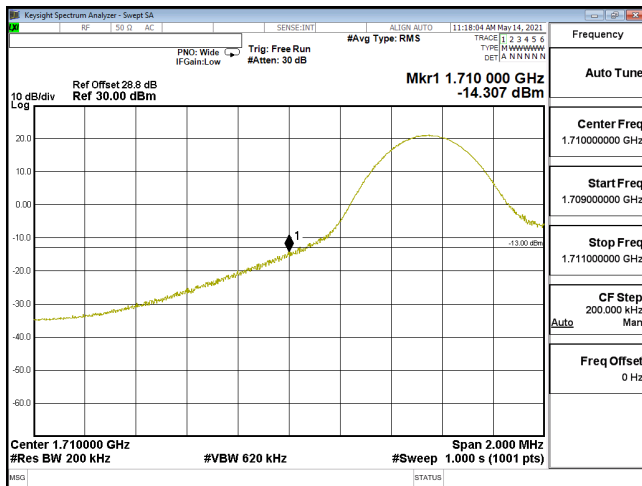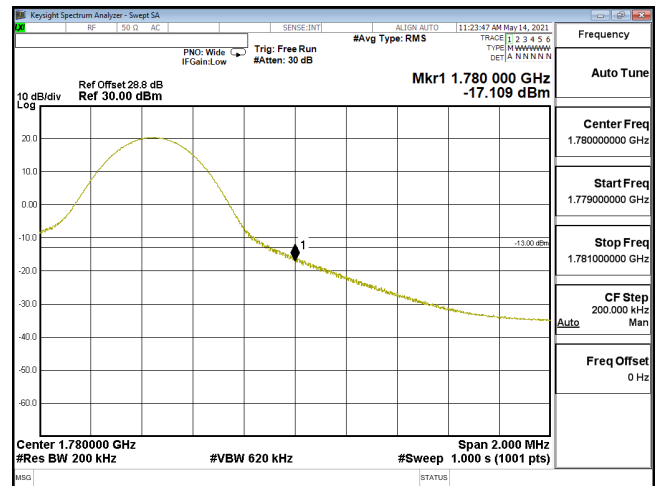EDGE-ENDC_12A_n66-PI2-BPSK_20M_CH344000_1720(100,0)_SCS15KHz

EDGE-ENDC_12A_n66-PI2-BPSK_20M_CH344000_1720(100,6)_SCS15KHz

EDGE-ENDC_12A_n66-QPSK_20M_CH344000_1720(100,0)_SCS15KHz

EDGE-ENDC_12A_n66-QPSK_20M_CH344000_1720(100,6)_SCS15KHz

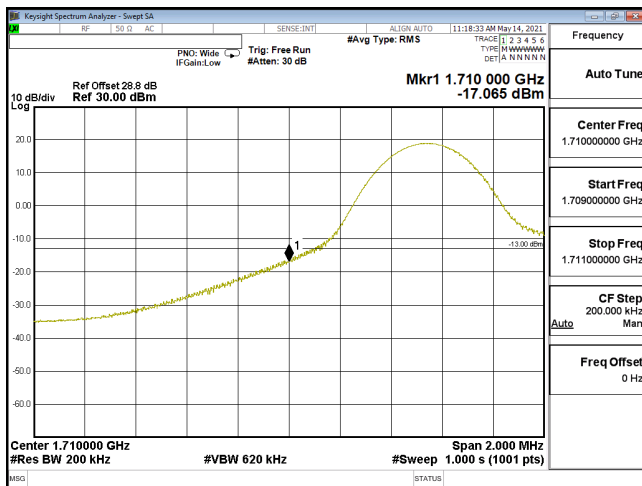EDGE-ENDC_12A_n66-16QAM_20M_CH344000_1720(100,0)_SCS15KHz

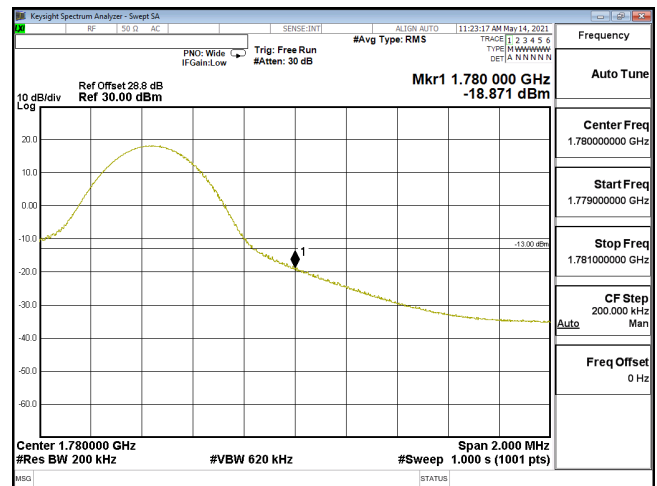EDGE-ENDC_12A_n66-16QAM_20M_CH344000_1720(100,6)_SCS15KHz

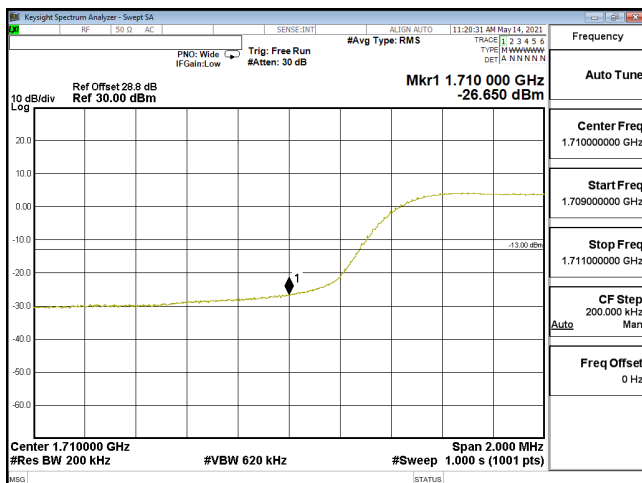EDGE-ENDC_12A_n66-64QAM_20M_CH344000_1720(100,0)_SCS15KHz

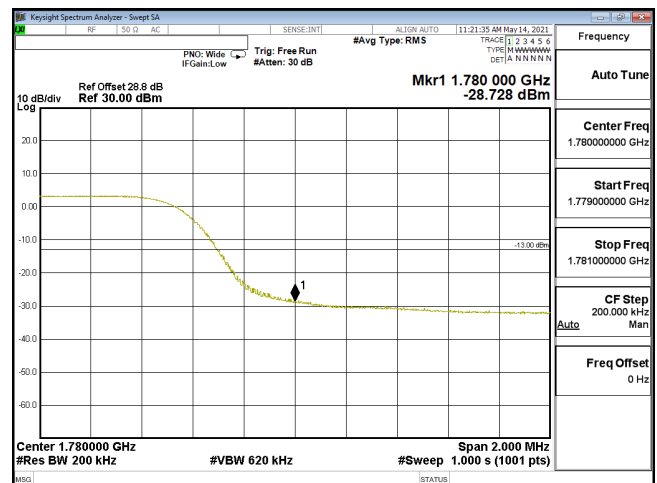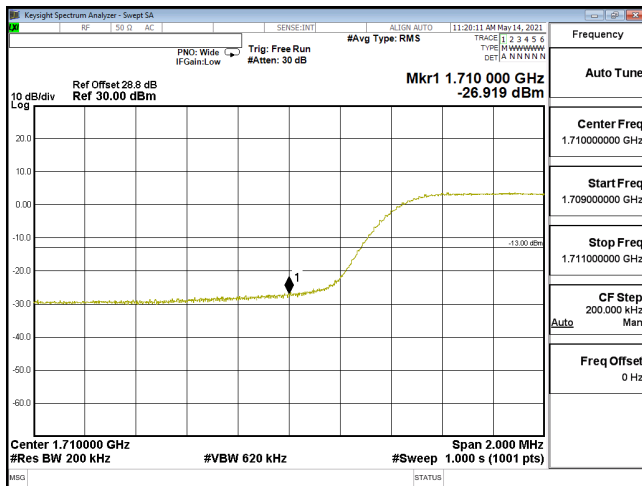EDGE-ENDC_12A_n66-64QAM_20M_CH344000_1720(100,6)_SCS15KHz

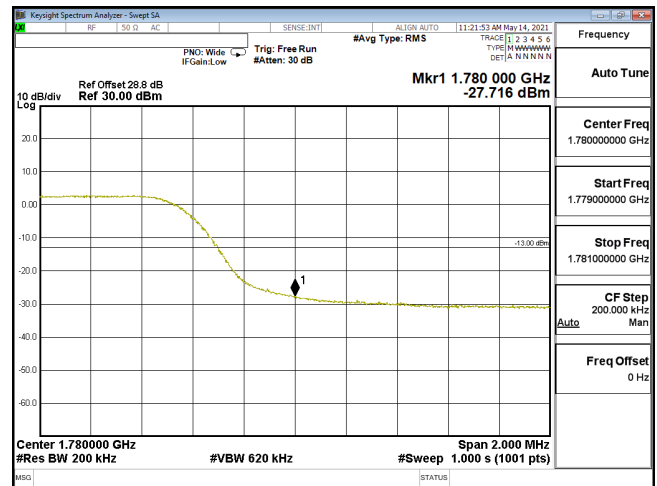EDGE-ENDC_12A_n66-256QAM_20M_CH344000_1720(100,0)_SCS15KHz

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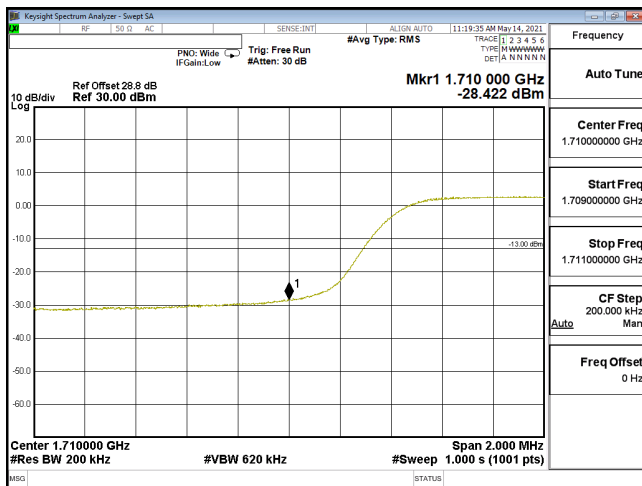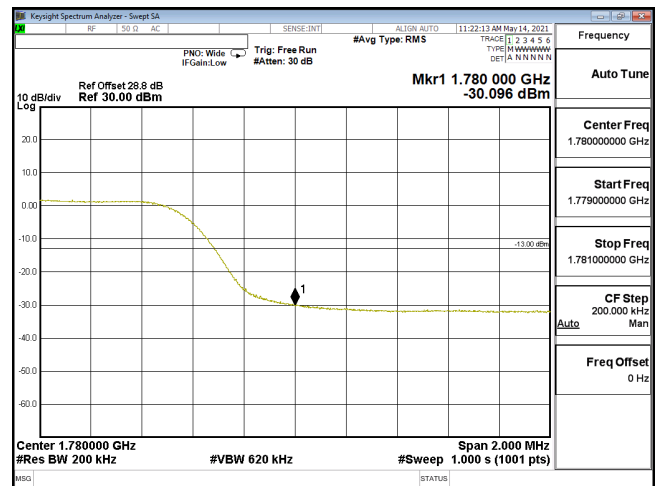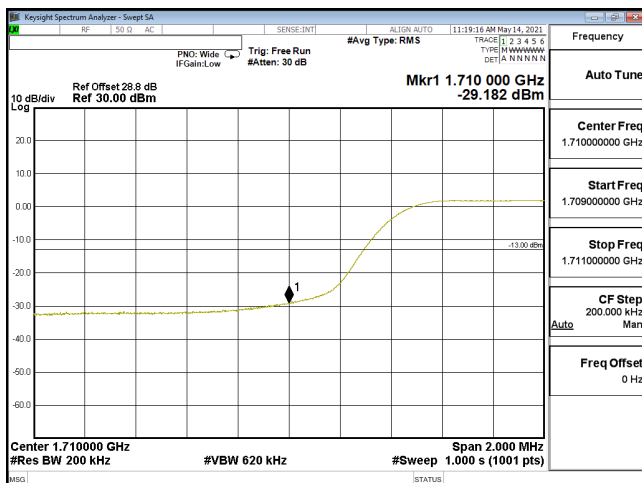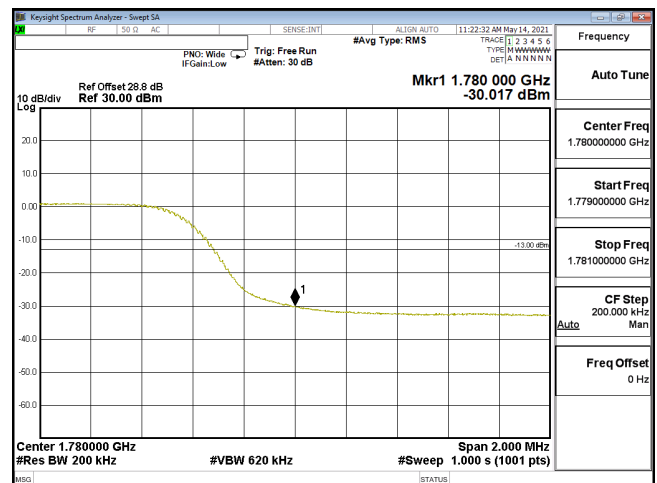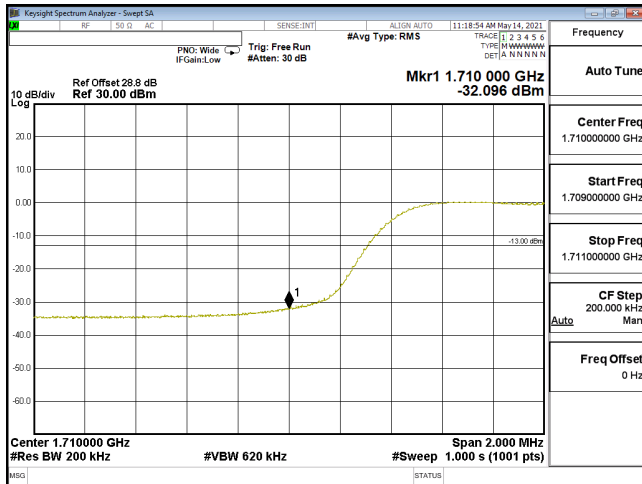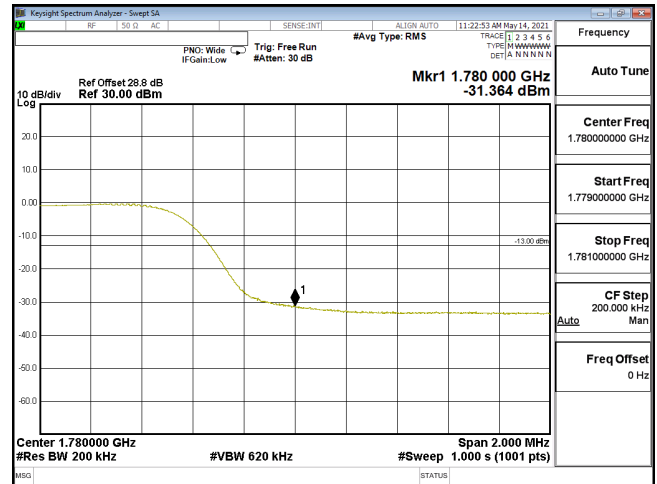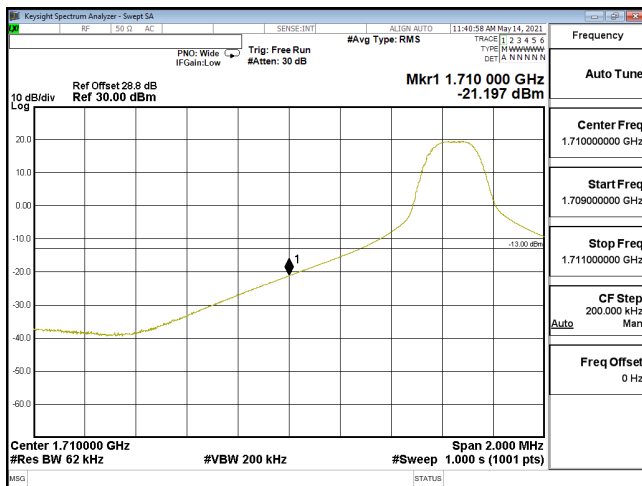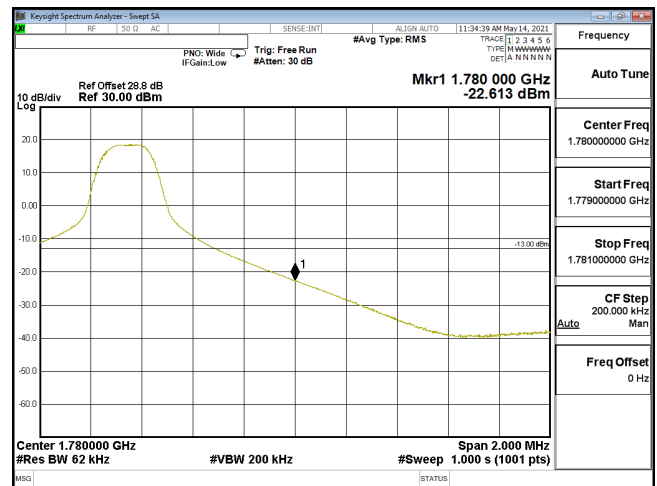EDGE-ENDC_12A_n66-PI2-BPSK_40M_CH346000_1730(1,0)_SCS15KHz

EDGE-ENDC_12A_n66-PI2-BPSK_40M_CH352000_1760(1,215)_SCS15KHz

EDGE-ENDC_12A_n66-QPSK_40M_CH346000_1730(1,0)_SCS15KHz

EDGE-ENDC_12A_n66-QPSK_40M_CH352000_1760(1,215)_SCS15KHz

EDGE-ENDC_12A_n66-16QAM_40M_CH346000_1730(1,0)_SCS15KHz

EDGE-ENDC_12A_n66-16QAM_40M_CH352000_1760(1,215)_SCS15KHz

EDGE-ENDC_12A_n66-64QAM_40M_CH346000_1730(1,0)_SCS15KHz

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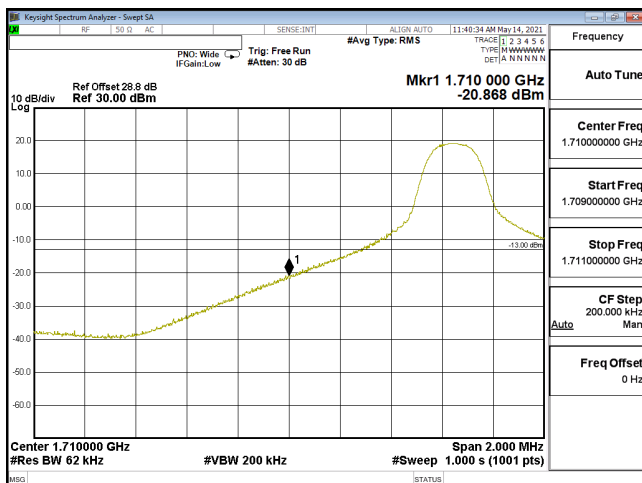EDGE-ENDC_12A_n66-256QAM_40M_CH346000_1730(1,0)_SCS15KHz

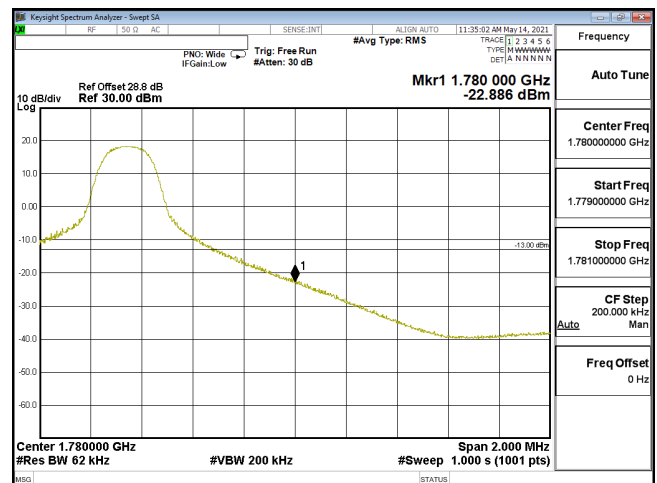EDGE-ENDC_12A_n66-256QAM_40M_CH352000_1760(1,215)_SCS15KHz

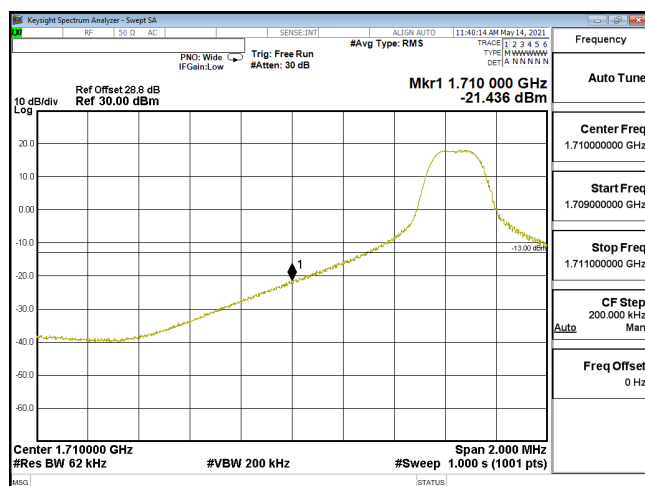EDGE-ENDC_12A_n66-PI2-BPSK_40M_CH346000_1730(216,0)_SCS15KHz

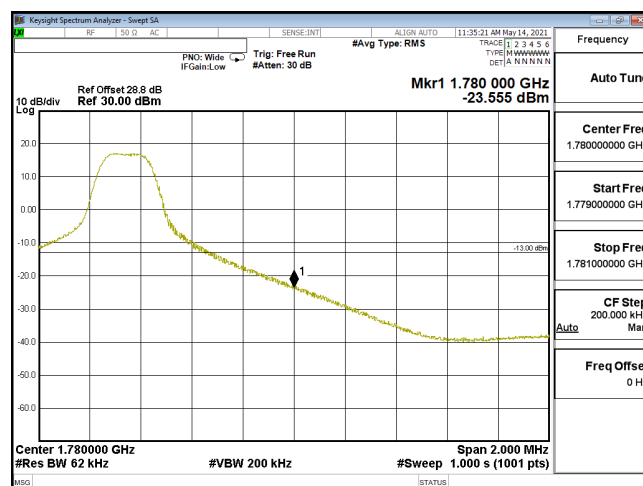EDGE-ENDC_12A_n66-PI2-BPSK_40M_CH352000_1760(216,0)_SCS15KHz

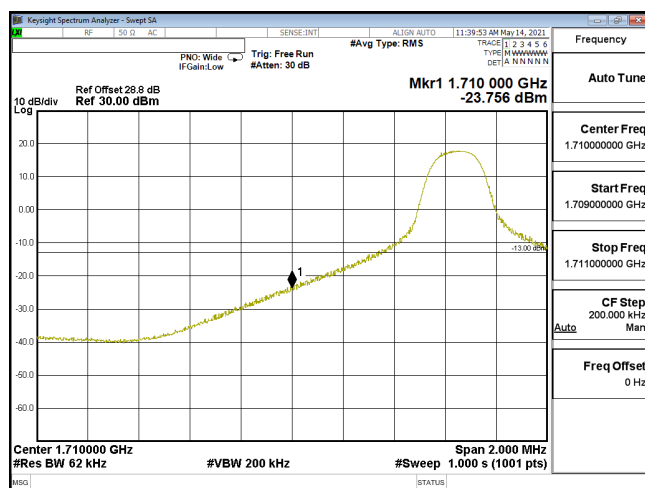EDGE-ENDC_12A_n66-QPSK_40M_CH346000_1730(216,0)_SCS15KHz

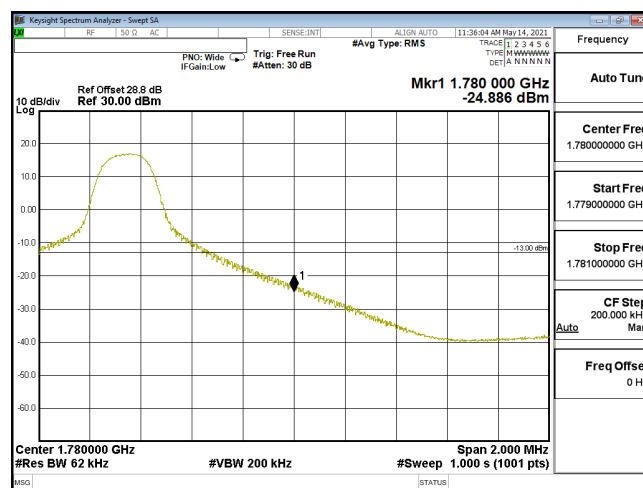EDGE-ENDC_12A_n66-QPSK_40M_CH352000_1760(216,0)_SCS15KHz

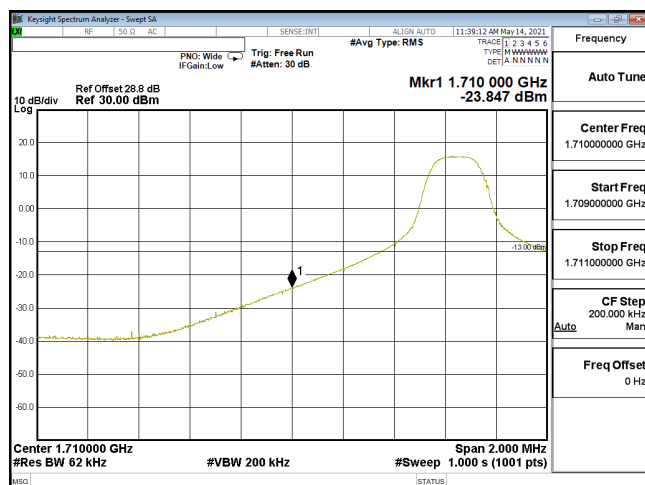EDGE-ENDC_12A_n66-16QAM_40M_CH346000_1730(216,0)_SCS15KHz

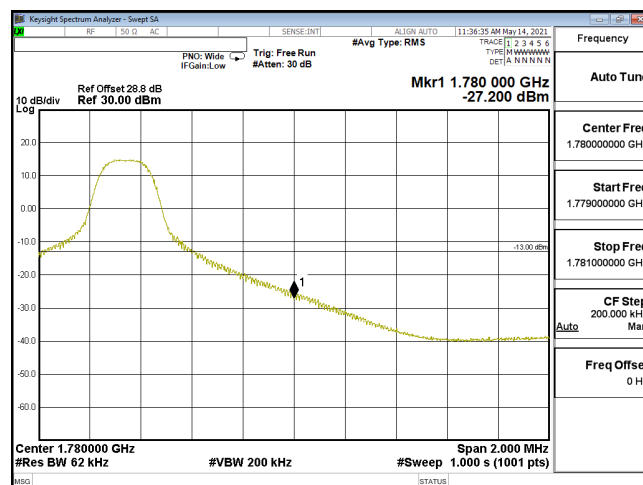EDGE-ENDC_12A_n66-16QAM_40M_CH352000_1760(216,0)_SCS15KHz

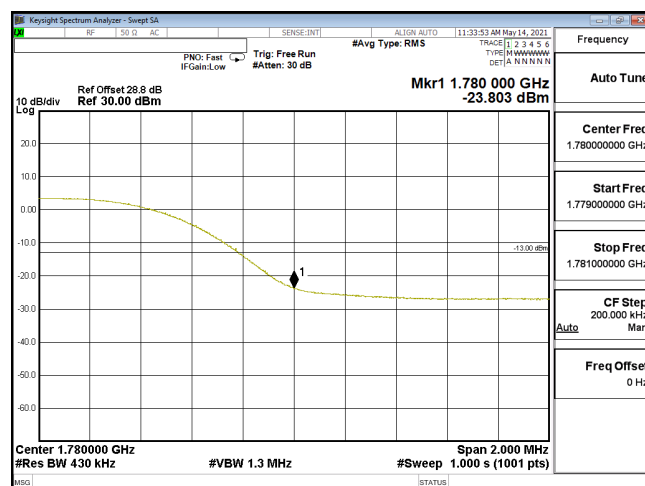EDGE-ENDC_12A_n66-64QAM_40M_CH346000_1730(216,0)_SCS15KHz

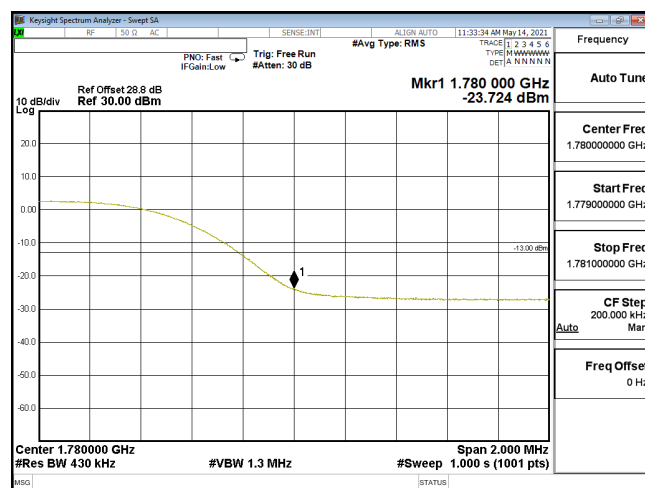EDGE-ENDC_12A_n66-64QAM_40M_CH352000_1760(216,0)_SCS15KHz

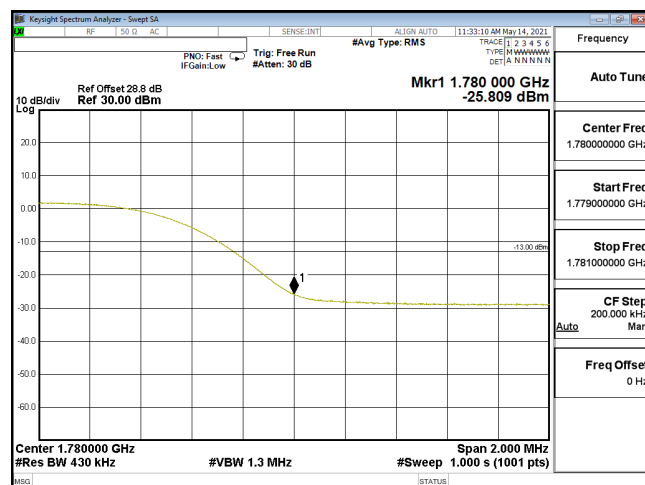EDGE-ENDC_12A_n66-256QAM_40M_CH346000_1730(216,0)_SCS15KHz

EDGE-ENDC_12A_n66-256QAM_40M_CH352000_1760(216,0)_SCS15KHz
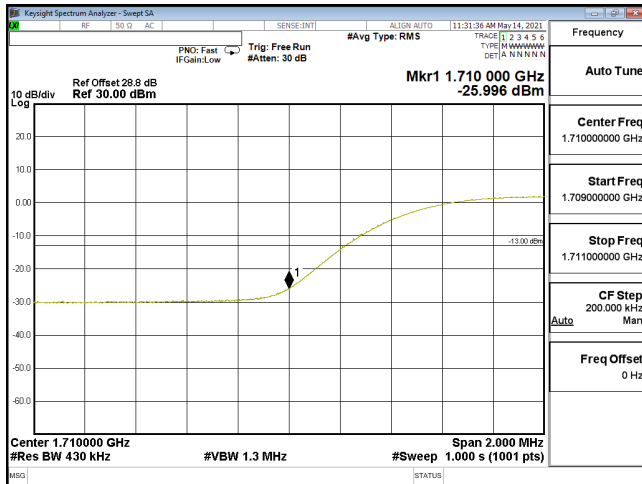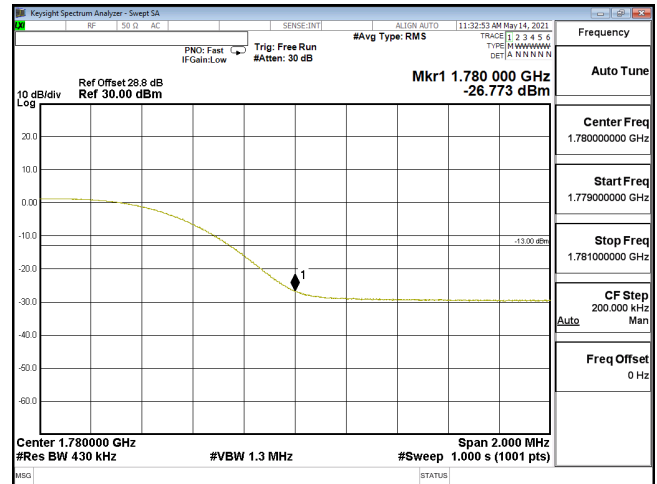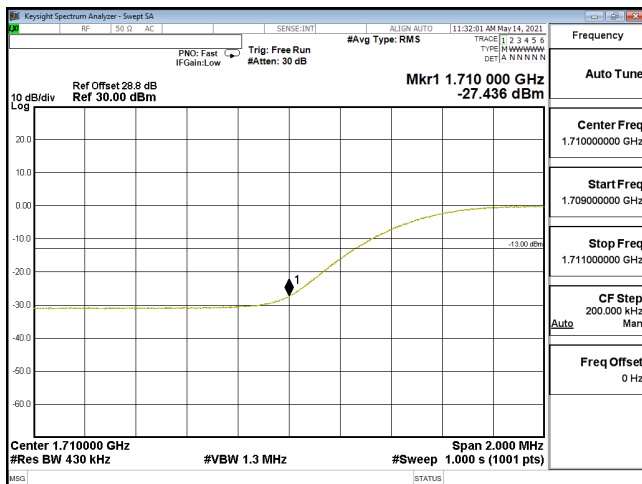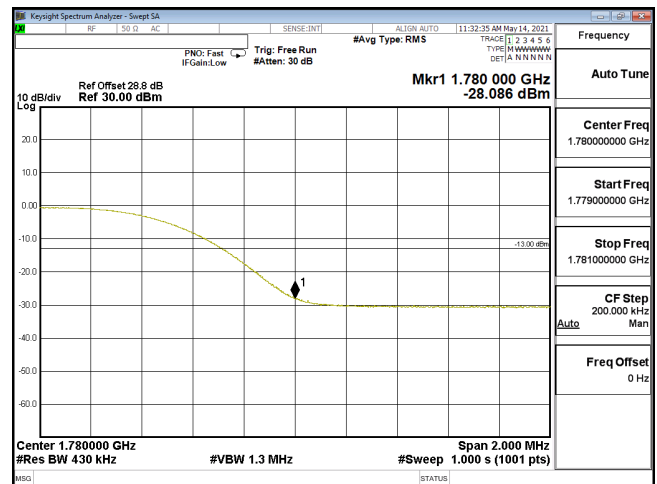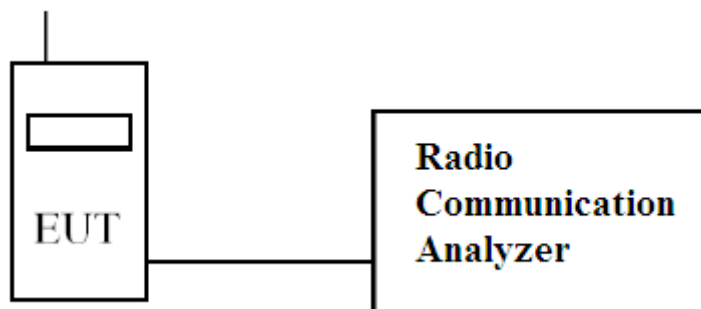
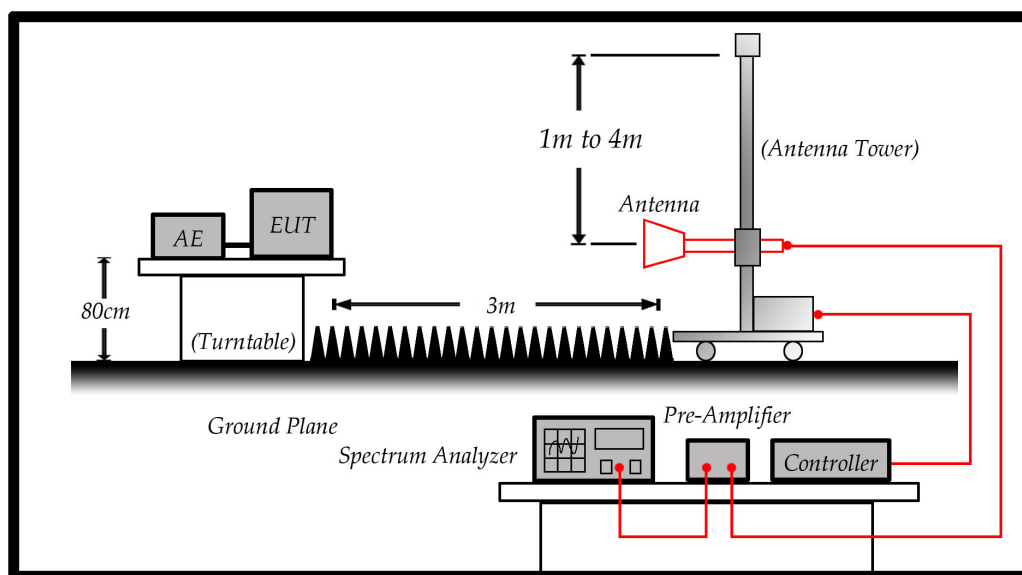# 6. Spurious Emission

6.1. Test Specification
According to Part 2.1051, 2.1053, 22.917, 24.238, 27.53

6.2. Test Setup
6.2.1 Spurious emissions at antenna terminals.

6.2.2 Field strength of spurious radiation.

6.3. Limits

Limit	<-13dBm

43 + 10Log(P) down on the carrier where P is the power in Watts.

6.4. Test Procedure

In accordance with Part 2.1051, 2.1053, 22.917, 24.238, 27.53, the spurious emissions from the antenna terminal were measured. The transmitter output power was attenuated using a combination of filters and attenuators and the frequency spectrum investigated from 30MHz to 20GHz. The EUT was set to transmit on full power. The EUT was tested on Low, middle and High channels for both power levels. The resolution and video bandwidth was set to 1MHz/3MHz in accordance with Part 2.1051, 2.1053, 22.917, 24.238, 27.53. The spectrum analyzer detector was set to Max Hold. In addition, measurements were made up to the 10th harmonic of the fundamental. The device was then replaced with a substitution antenna, which input signal was adjusted until the received level matched that of the previously detected emission.
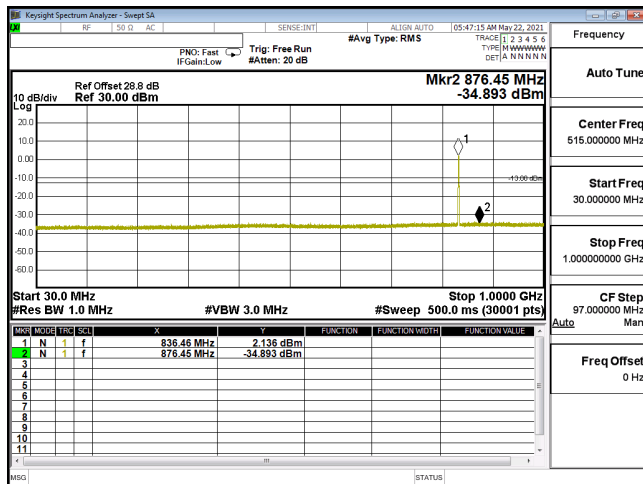
(1) The EUT is tested with maximum rated TX power via the Base Station simulator.

(2) The EUT is tested in three orthogonal planes, The worst case was showing in this report.

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
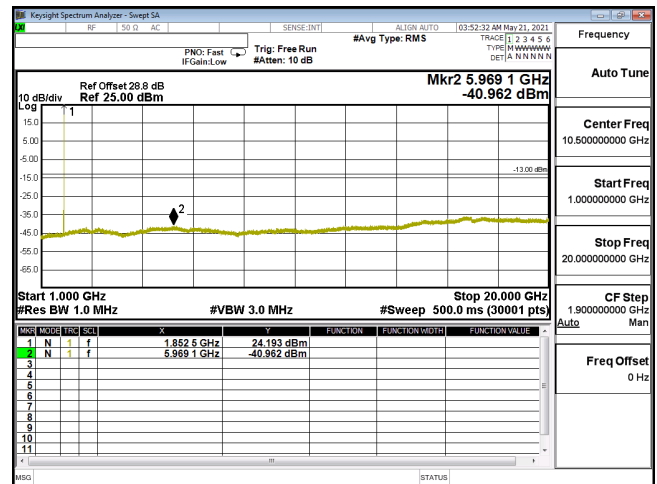
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to TIA/EIA 603-E on radiated measurement.

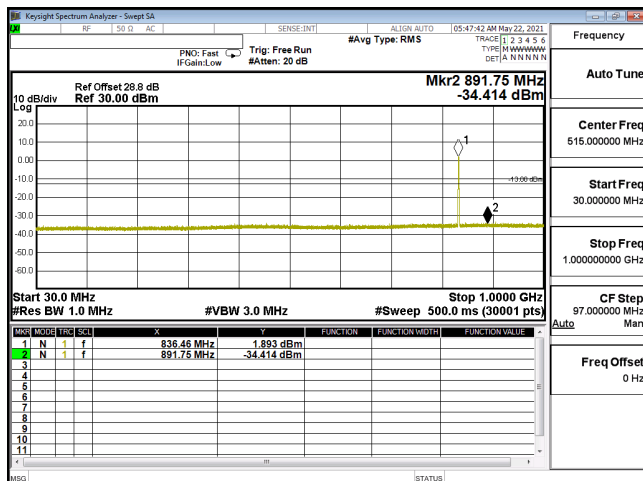**DEKRA**

6.5. Test Result of Spurious Emission

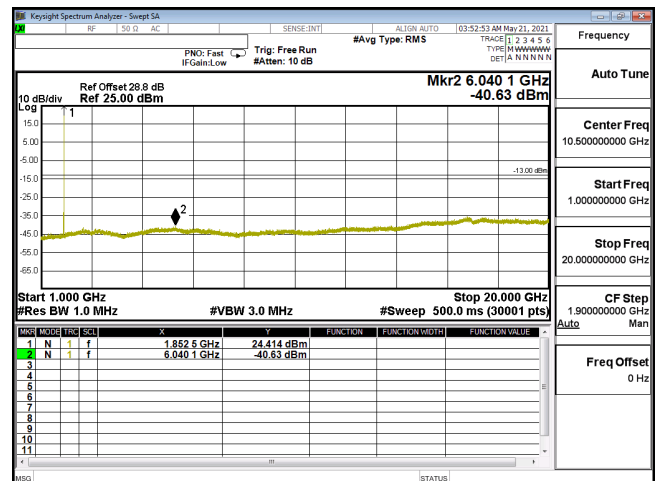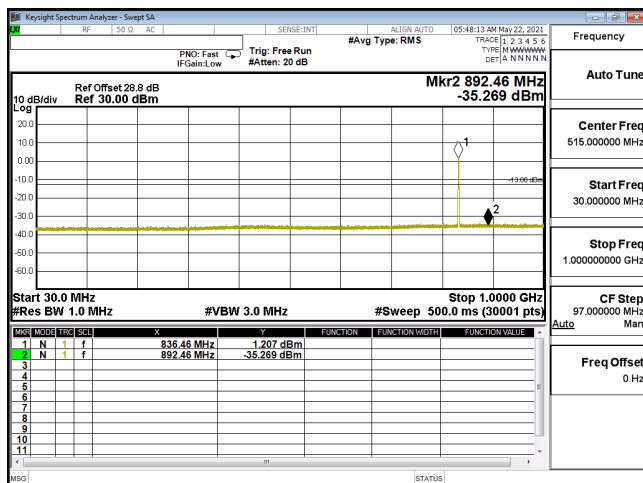| Product	WCDMA/LTE/5G Mobile Phone		
Test Mode	Spurious Emission (Conducted)		
Date of Test	2021/05/21	Test Site	CTR
Test Condition	n2 (1900MHz)	Test Range	30MHz~20GHz

CSE-ENDC_5A_n2_PI2-BPSK_5M_CH370500_1852.5(1,12)-30M-1G
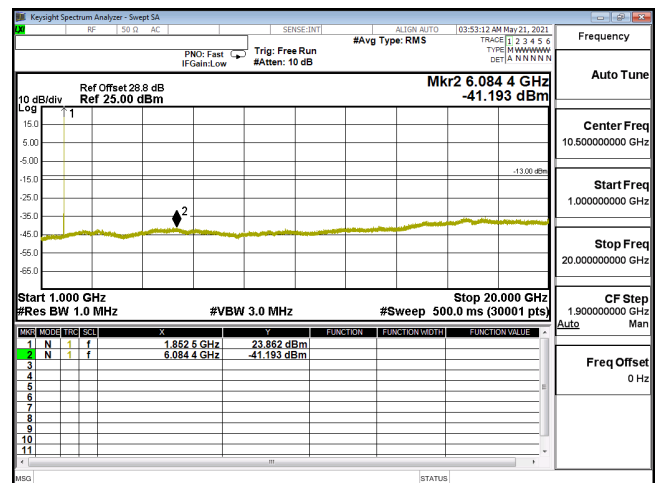

CSE-ENDC_5A_n2_PI2-BPSK_5M_CH370500_1852.5(1,12)-1G-20G
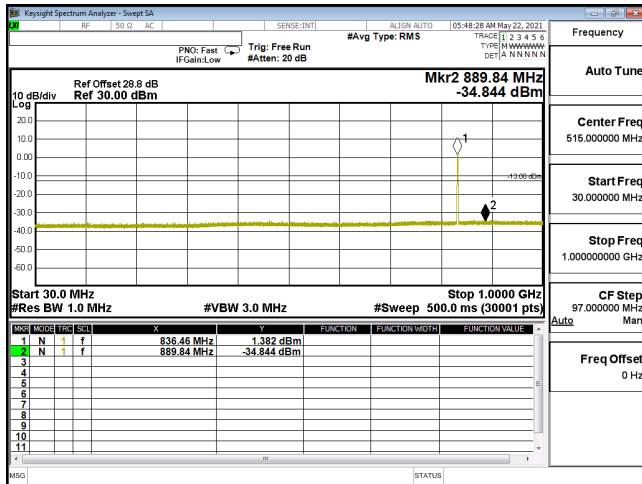

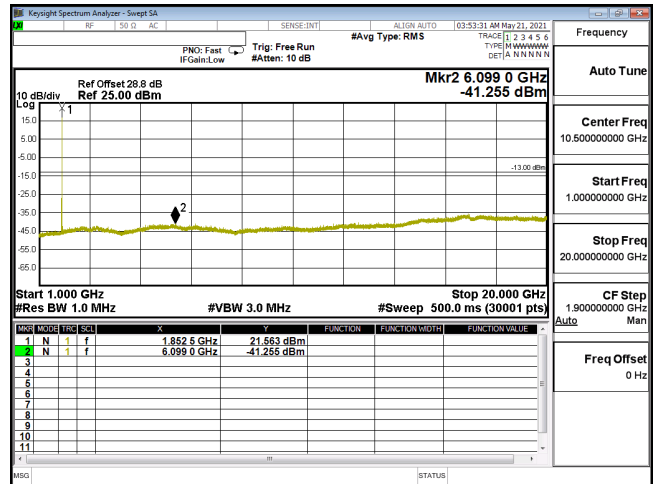CSE-ENDC_5A_n2_QPSK_5M_CH370500_1852.5(1,12)-30M-1G

CSE-ENDC_5A_n2_QPSK_5M_CH370500_1852.5(1,12)-1G-20G

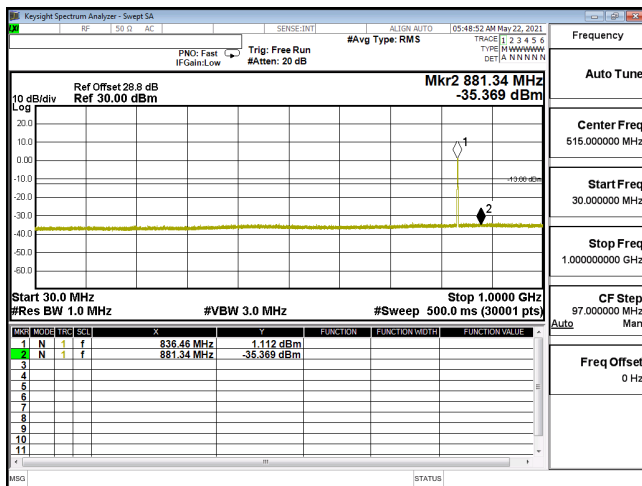CSE-ENDC_5A_n2_16QAM_5M_CH370500_1852.5(1,12)-30M-1G

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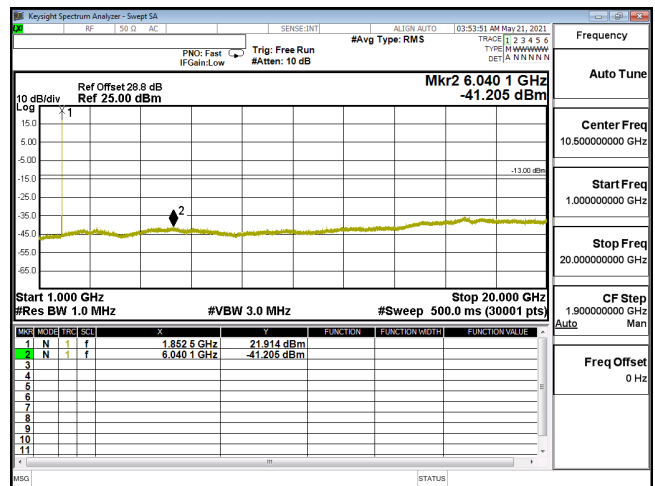
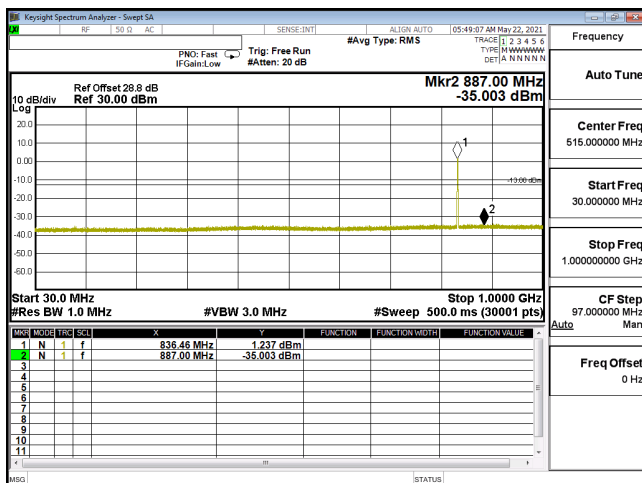CSE-ENDC_5A_n2_64QAM_5M_CH370500_1852.5(1,12)-30M-1G

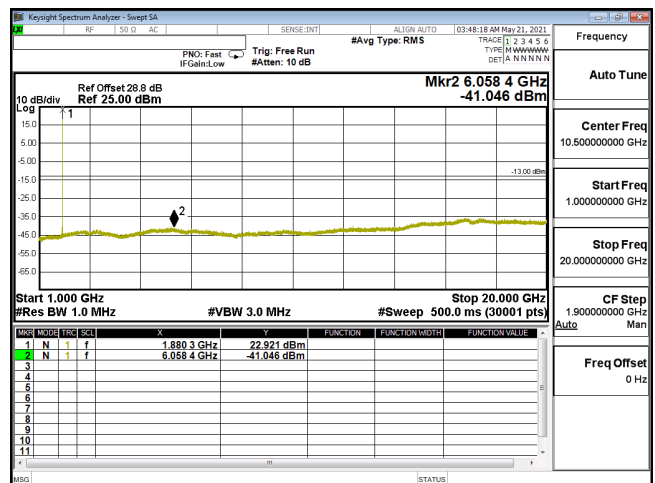CSE-ENDC_5A_n2_64QAM_5M_CH370500_1852.5(1,12)-1G-20G

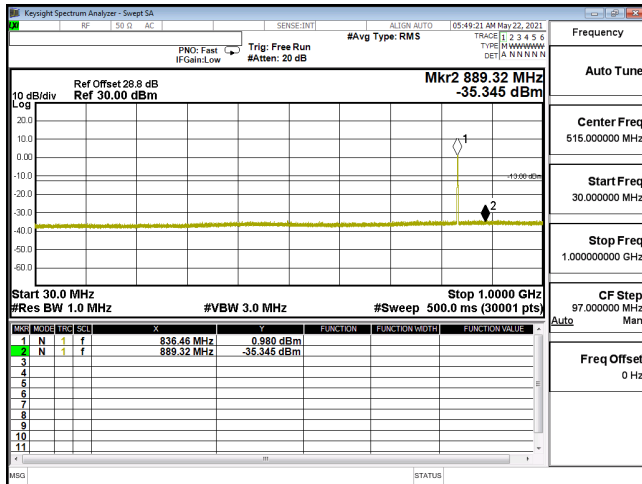CSE-ENDC_5A_n2_256QAM_5M_CH370500_1852.5(1,12)-30M-1G

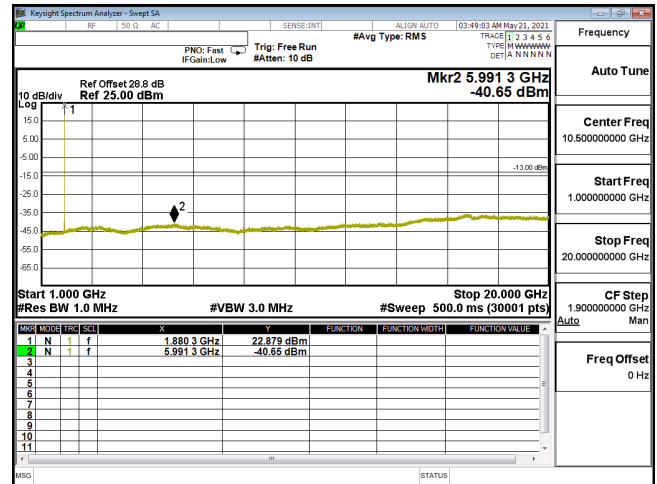CSE-ENDC_5A_n2_256QAM_5M_CH370500_1852.5(1,12)-1G-20G

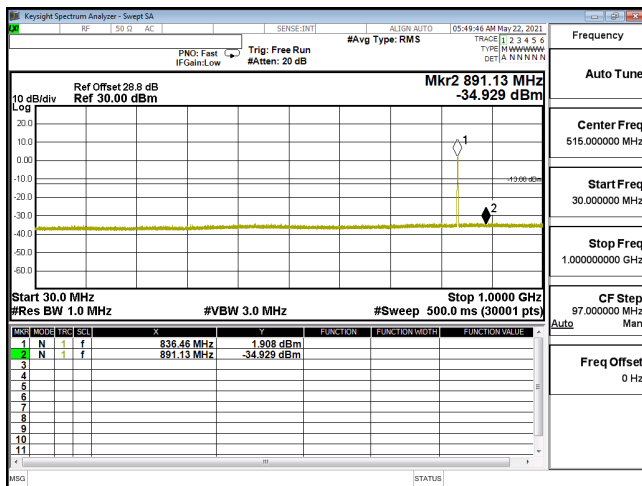CSE-ENDC_5A_n2-PI2-BPSK_5M_CH376000_1880(1,12)-30M-1G

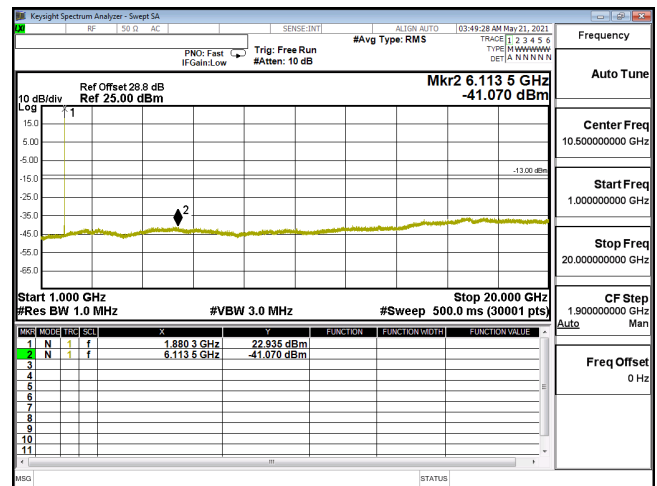CSE-ENDC_5A_n2-PI2-BPSK_5M_CH376000_1880(1,12)-1G-20G

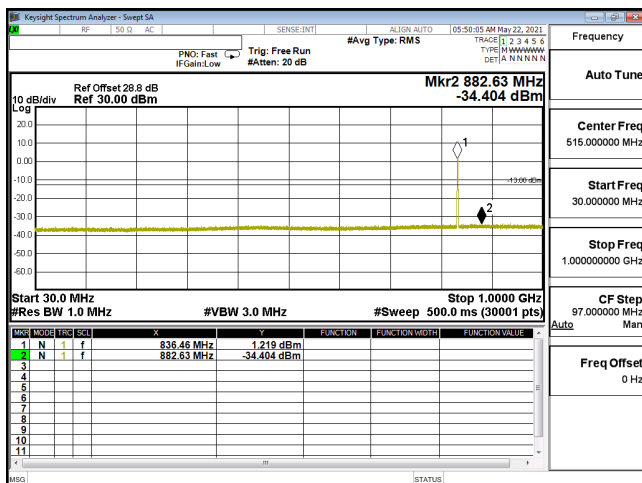CSE-ENDC_5A_n2-QPSK_5M_CH376000_1880(1,12)-30M-1G

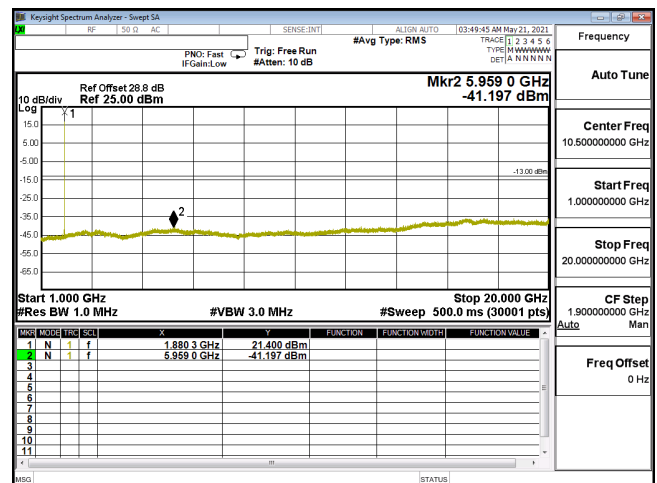CSE-ENDC_5A_n2-QPSK_5M_CH376000_1880(1,12)-1G-20G

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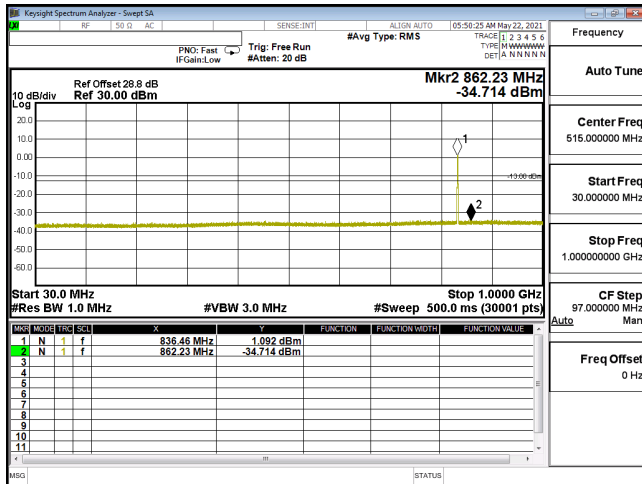

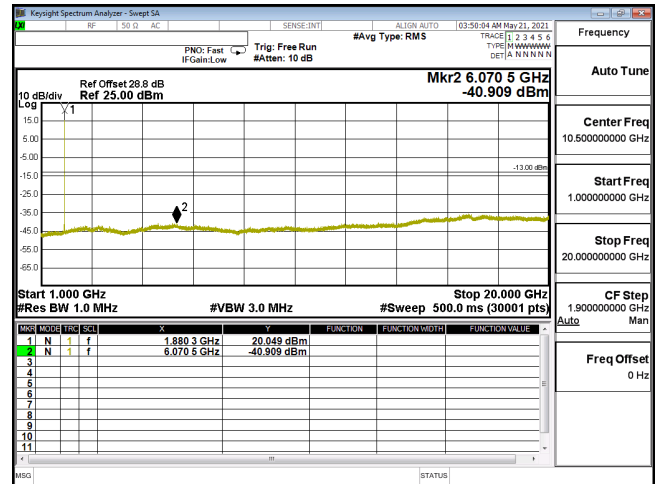CSE-ENDC_5A_n2_16QAM_5M_CH376000_1880(1,12)-1G-20G

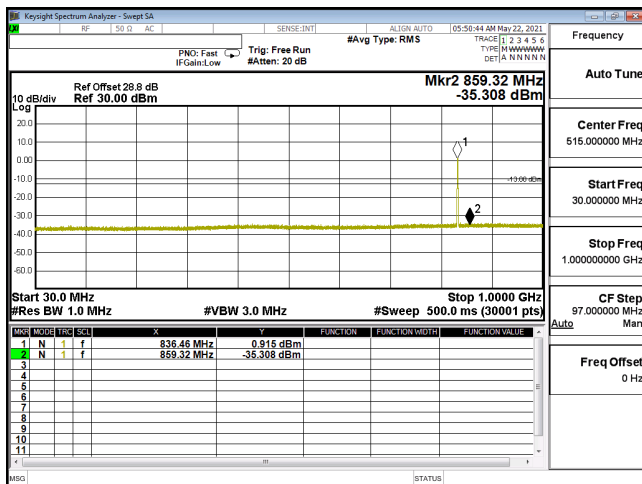CSE-ENDC_5A_n2_64QAM_5M_CH376000_1880(1,12)-30M-1G

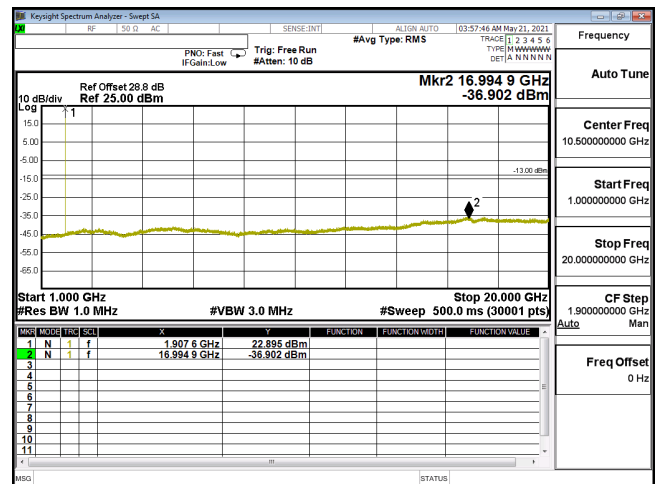CSE-ENDC_5A_n2_64QAM_5M_CH376000_1880(1,12)-1G-20G

CSE-ENDC_5A_n2_256QAM_5M_CH376000_1880(1,12)-30M-1G
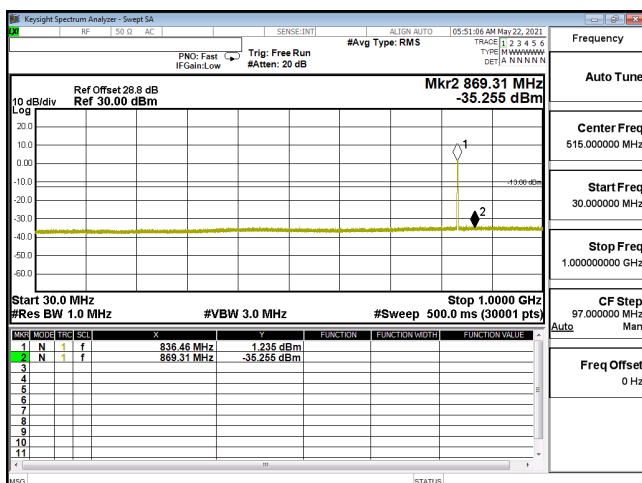

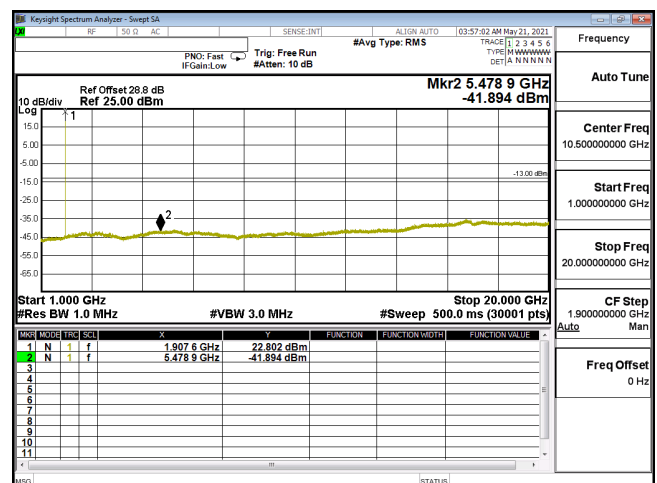CSE-ENDC_5A_n2_256QAM_5M_CH376000_1880(1,12)-1G-20G

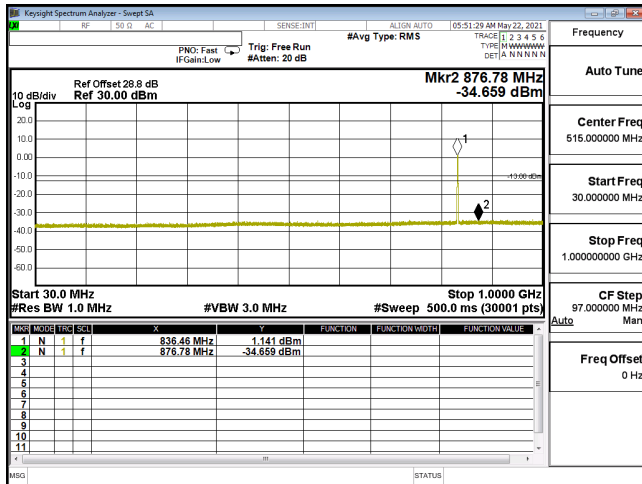CSE-ENDC_5A_n2_PI2-BPSK_5M_CH381500_1907.5(1,12)-30M-1G

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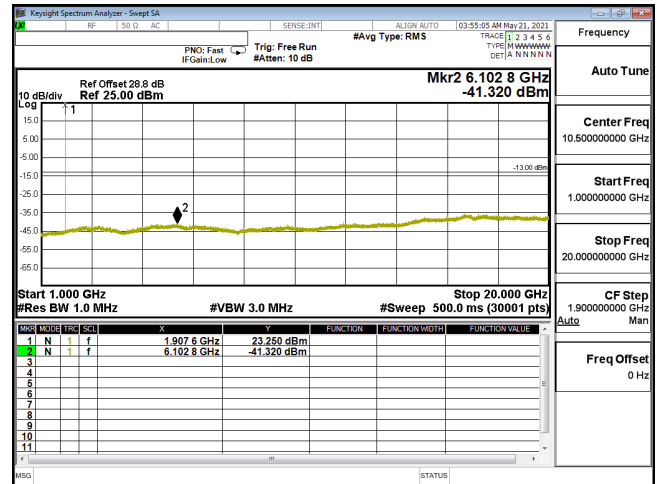

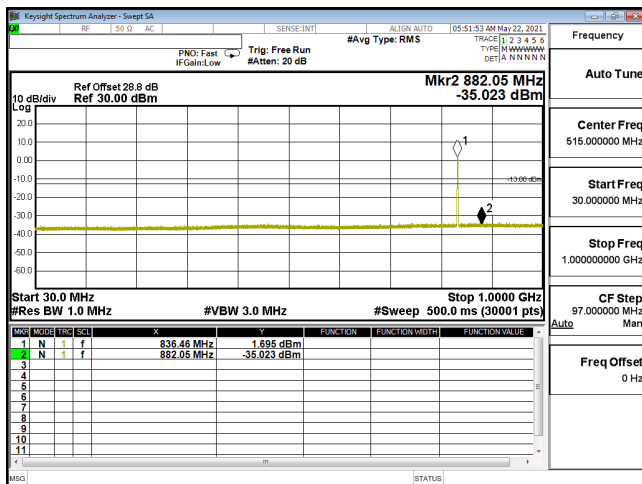CSE-ENDC_5A_n2_QPSK_5M_CH381500_1907.5(1,12)-30M-1G

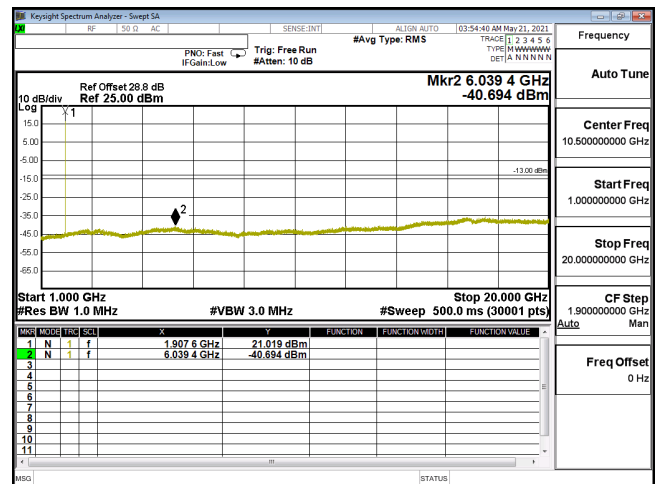CSE-ENDC_5A_n2_QPSK_5M_CH381500_1907.5(1,12)-1G-20G

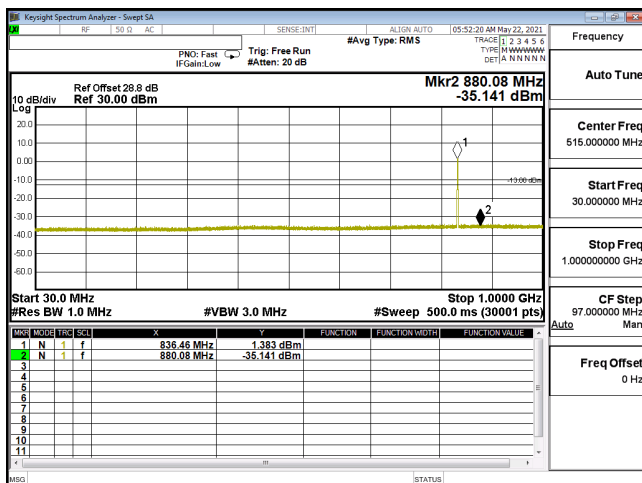CSE-ENDC_5A_n2_16QAM_5M_CH381500_1907.5(1,12)-30M-1G

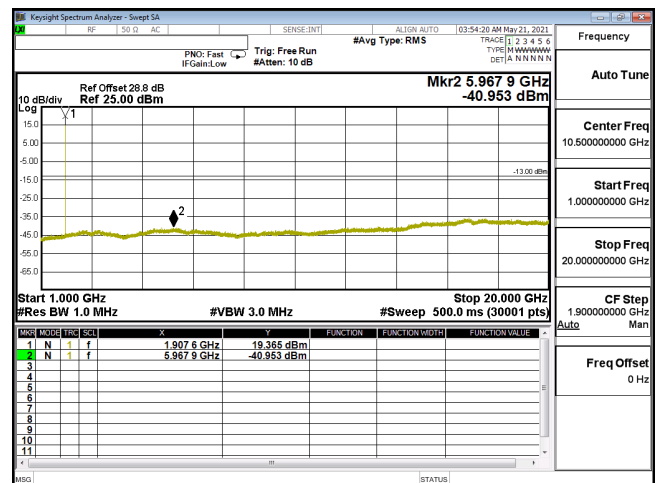CSE-ENDC_5A_n2_16QAM_5M_CH381500_1907.5(1,12)-1G-20G

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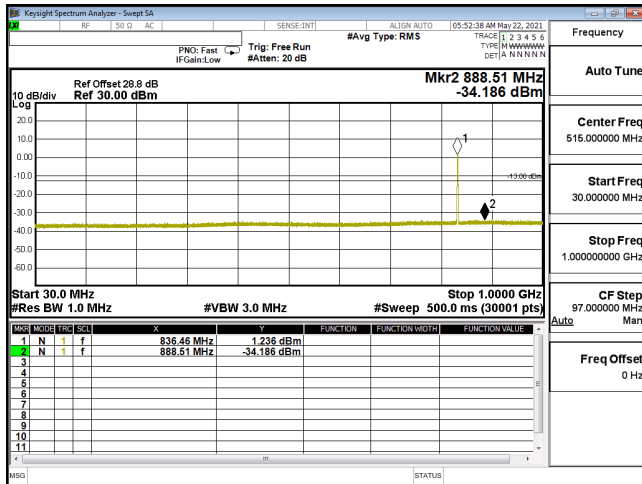

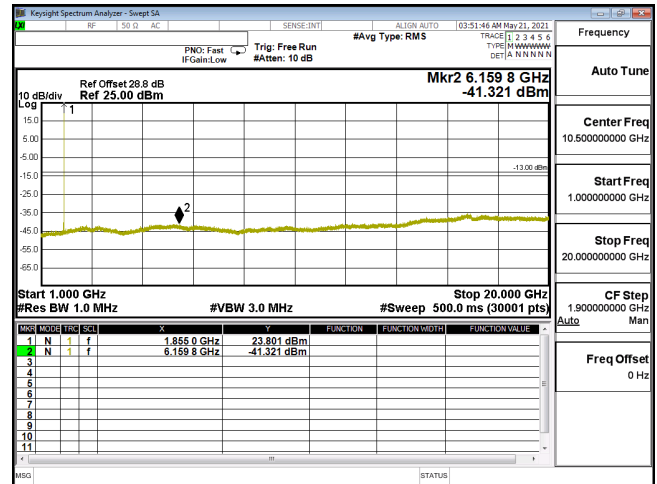CSE-ENDC_5A_n2_64QAM_5M_CH381500_1907.5(1,12)-1G-20G

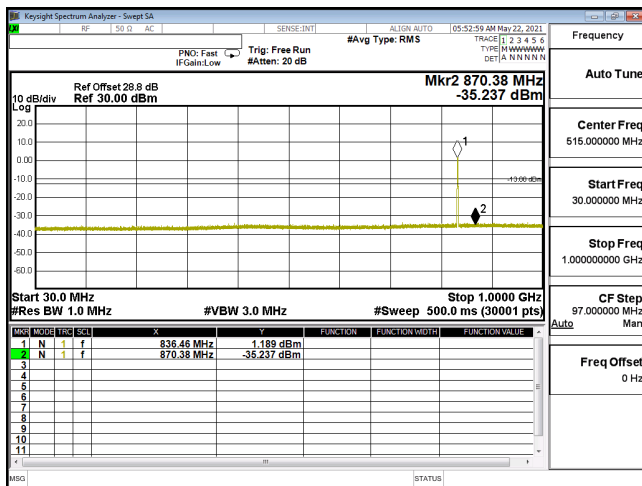CSE-ENDC_5A_n2_256QAM_5M_CH381500_1907.5(1,12)-30M-1G

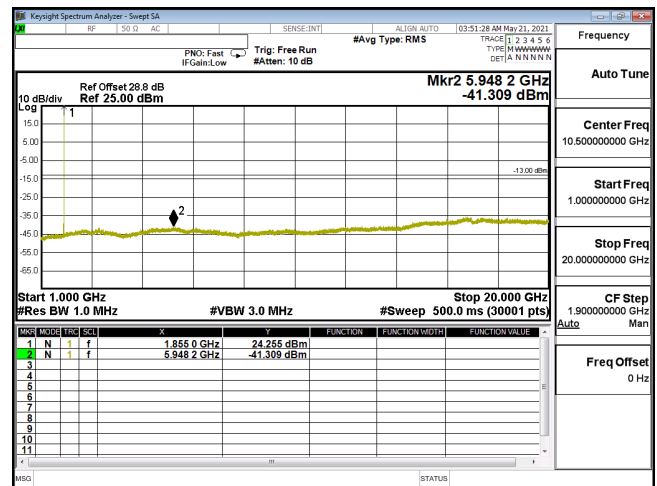CSE-ENDC_5A_n2_256QAM_5M_CH381500_1907.5(1,12)-1G-20G

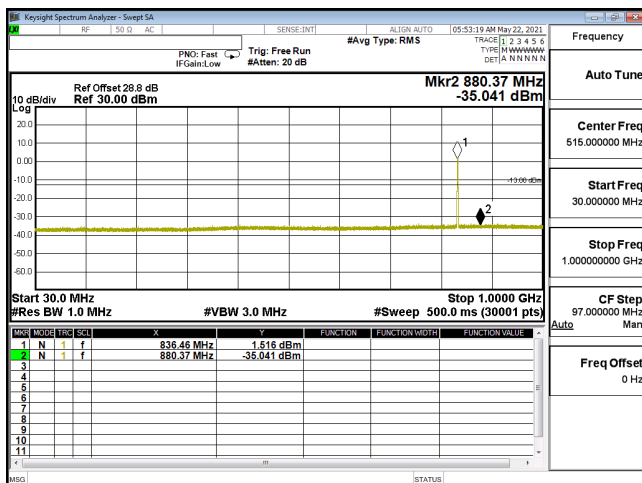CSE-ENDC_5A_n2_PI2-BPSK_10M_CH371000_1855(1,26)-30M-1G

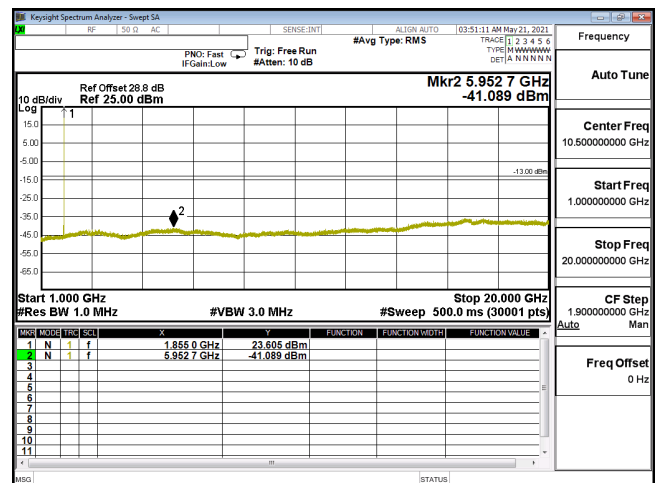CSE-ENDC_5A_n2_PI2-BPSK_10M_CH371000_1855(1,26)-1G-20G

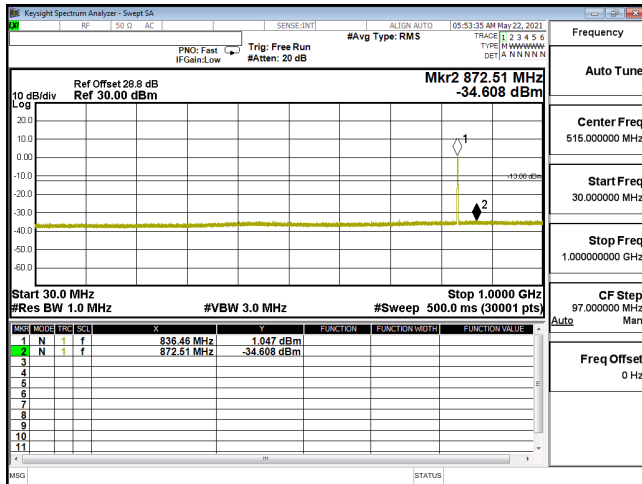CSE-ENDC_5A_n2_QPSK_10M_CH371000_1855(1,26)-30M-1G

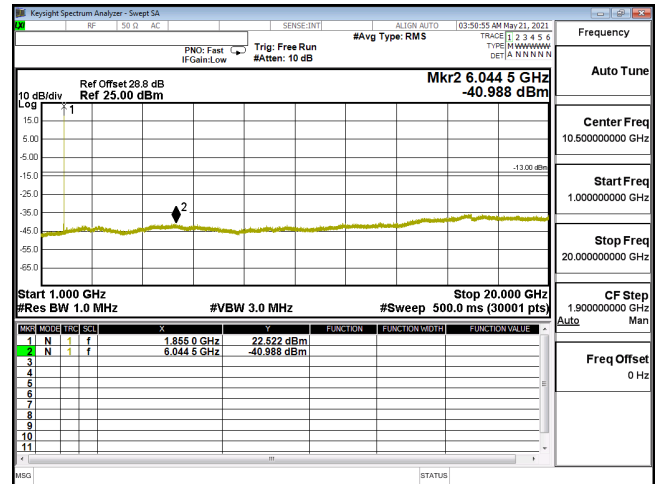CSE-ENDC_5A_n2_QPSK_10M_CH371000_1855(1,26)-1G-20G

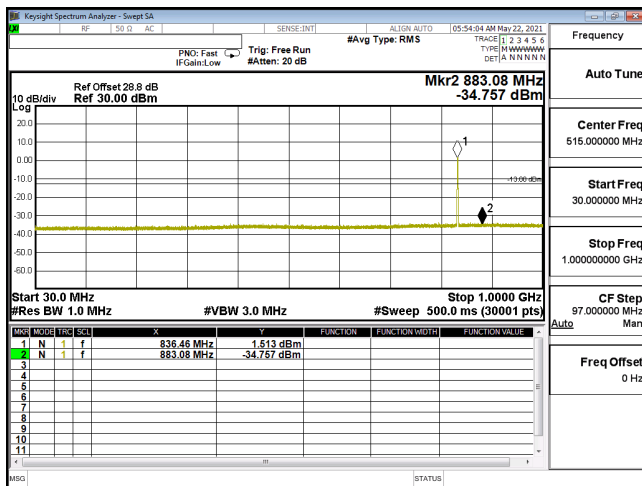CSE-ENDC_5A_n2_16QAM_10M_CH371000_1855(1,26)-30M-1G

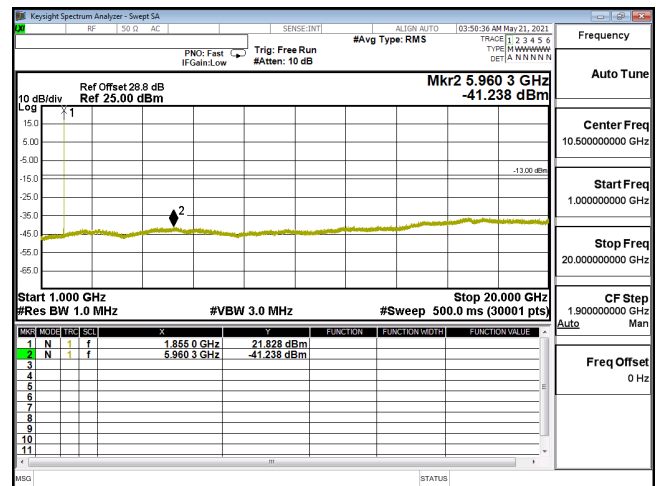CSE-ENDC_5A_n2_16QAM_10M_CH371000_1855(1,26)-1G-20G

DEKRA

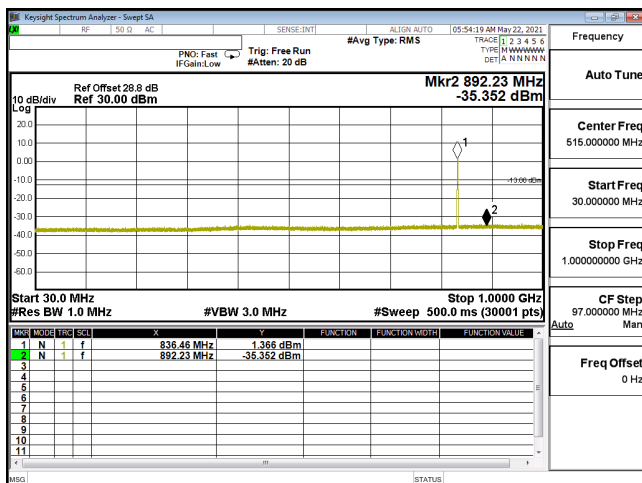CSE-ENDC_5A_n2_64QAM_10M_CH371000_1855(1,26)-30M-1G

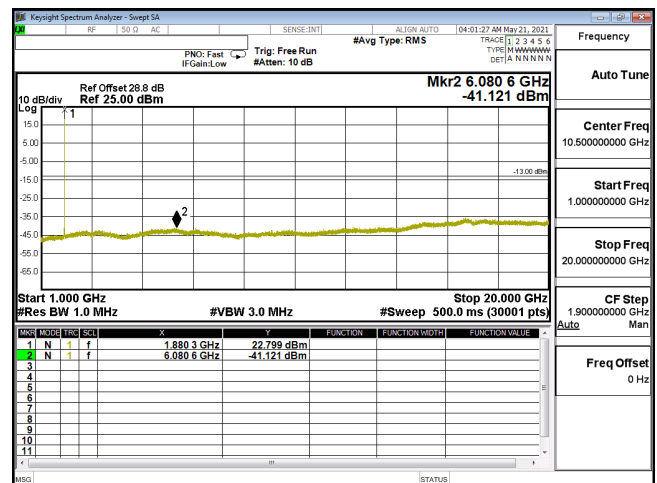CSE-ENDC_5A_n2_64QAM_10M_CH371000_1855(1,26)-1G-20G

CSE-ENDC_5A_n2_256QAM_10M_CH371000_1855(1,26)-30M-1G

CSE-ENDC_5A_n2_256QAM_10M_CH371000_1855(1,26)-1G-20G

CSE-ENDC_5A_n2_PI2-BPSK_10M_CH376000_1880(1,26)-30M-1G

CSE-ENDC_5A_n2_PI2-BPSK_10M_CH376000_1880(1,26)-1G-20G