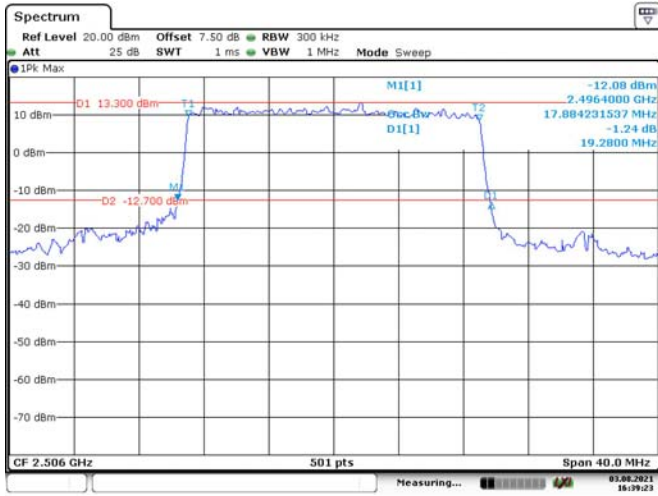
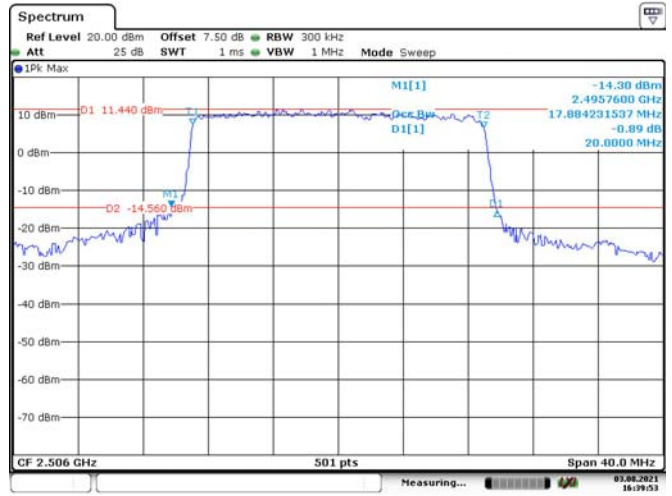


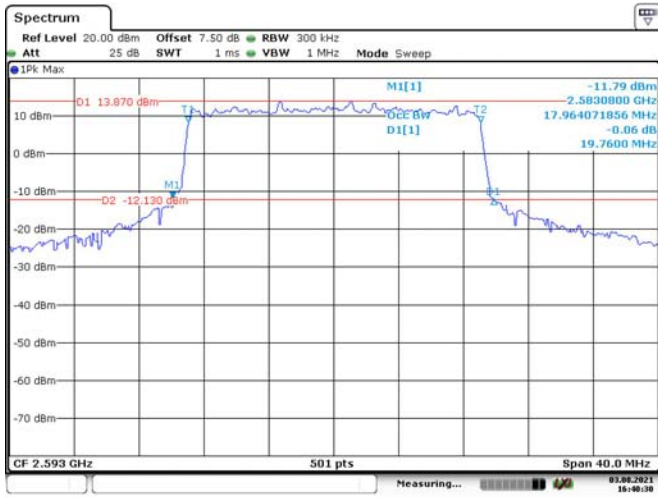
20M, QPSK, Low Channel



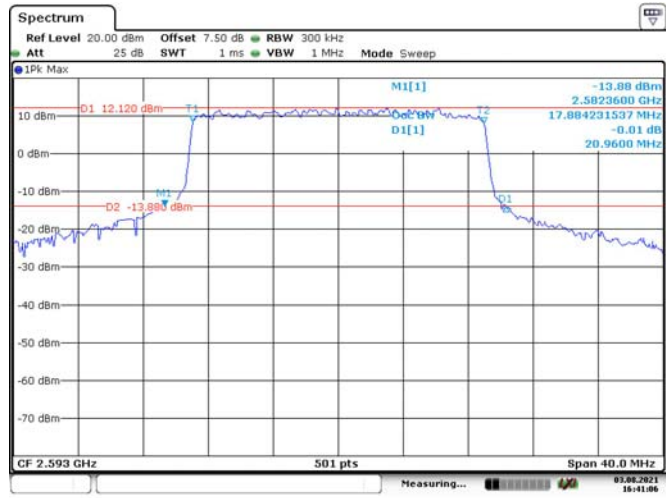
20M, 16QAM, Low Channel



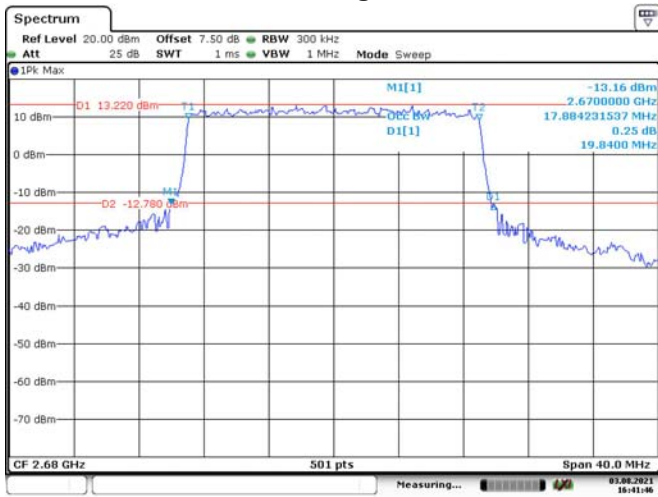
20M, QPSK, Middle Channel



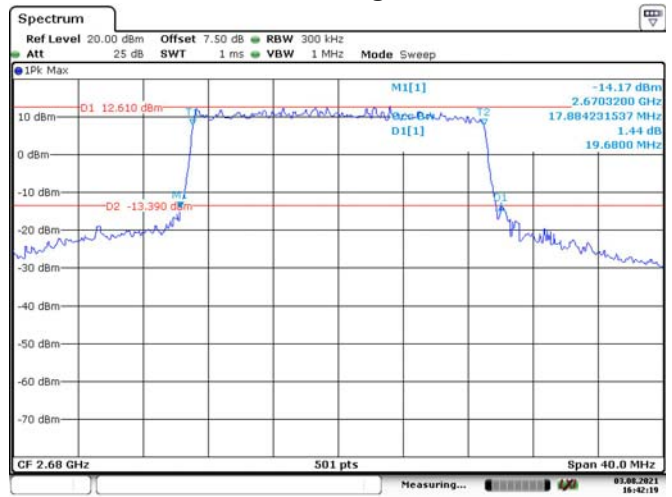
20M, 16QAM, Middle Channel



20M, QPSK, High Channel



20M, 16QAM, High Channel



FCC §2.1051, §22.917(a) & §24.238(a) & §27.53, §90.691 - SPURIOUS EMISSIONS AT ANTENNA TERMINALS

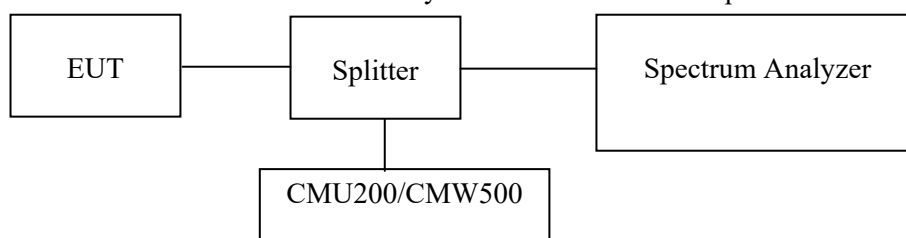
Applicable Standard

FCC §2.1051, §22.917(a), §24.238(a), §27.53, and §90.691.

The spectrum was to be investigated to the tenth harmonics of the highest fundamental frequency as specified in § 2.1051.

Test Procedure

The RF output of the transceiver was connected to a spectrum analyzer and simulator through appropriate attenuation. Sufficient scans were taken to show any out of band emissions up to 10th harmonic.



Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSP 38	100478	2021-07-07	2022-07-07
R&S	Spectrum Analyzer	FSV40	101474	2021-01-09	2022-01-09
yzjingcheng	Coaxial Cable	KTRFBU-141-50	41010012	Each time	N/A
Unknown	Coaxial Cable	C-SJ00-0010	C0010/01	Each time	N/A
E-Microwave	Blocking Control	EMDCB-00036	0E01201047	Each time	N/A
Unknown	Attenuator	UNAT-3+	15529	Each time	N/A
E-Microwave	Two-way Splitter	ODP-1-6-2S	OE0120142	Each Time	N/A

* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

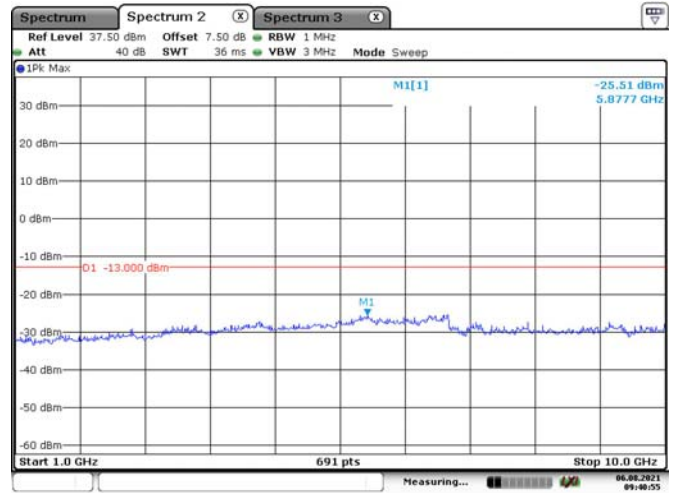
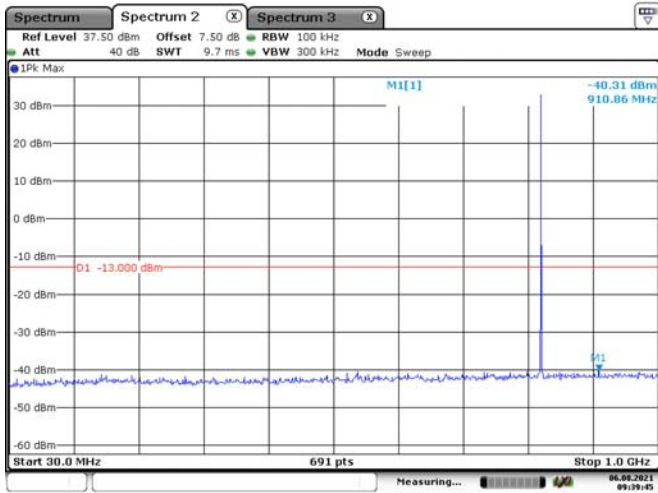
Test Data

Environmental Conditions

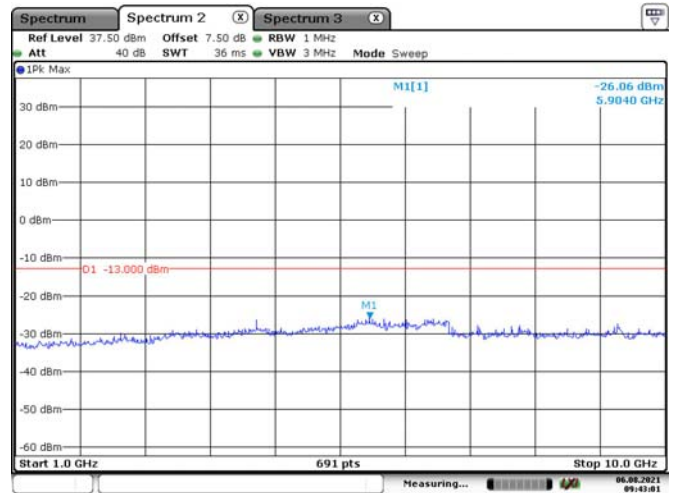
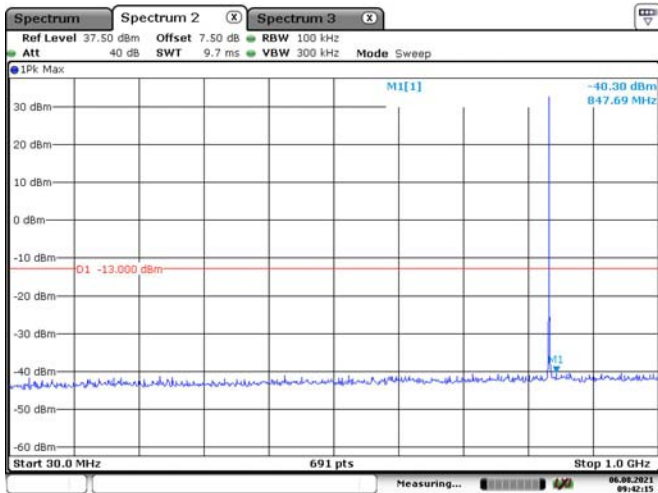
Temperature:	26.7~29.8 °C
Relative Humidity:	46~62 %
ATM Pressure:	99.3~100.7 kPa
Tester:	Lay Lei
Test Date:	2021-08-03~2021-08-20

Test Result: Compliance. Please refer to the following plots.

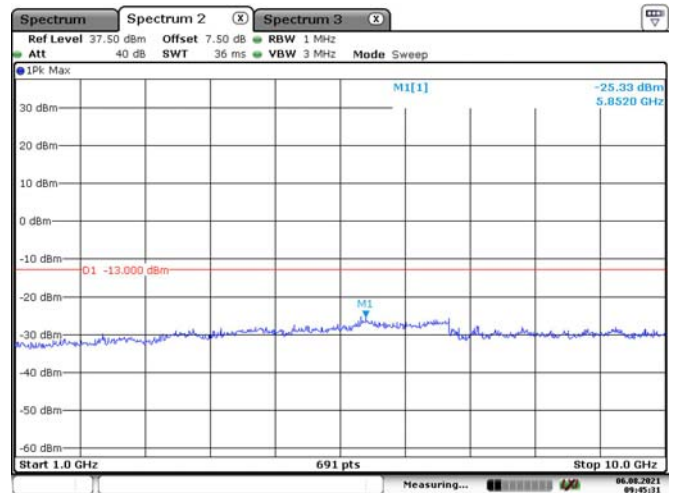
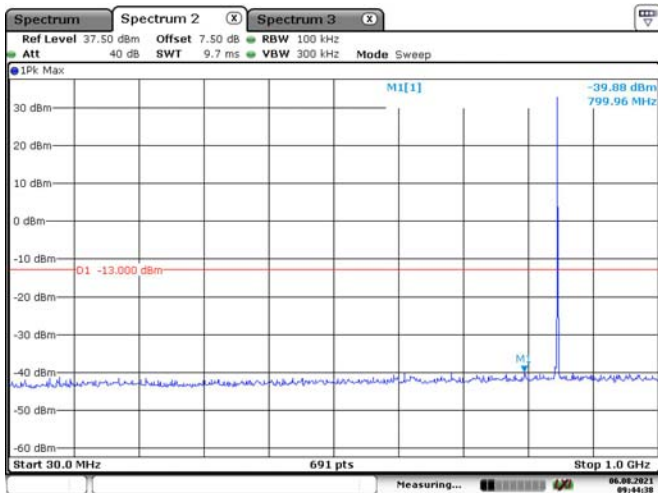
GPRS 850, Low Channel



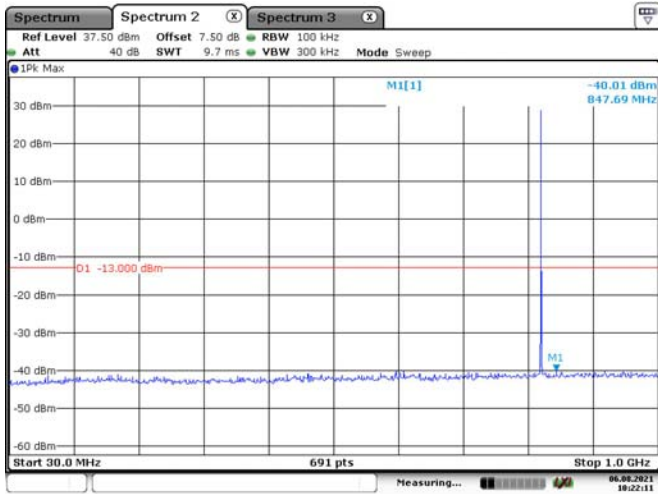
GPRS 850, Middle Channel



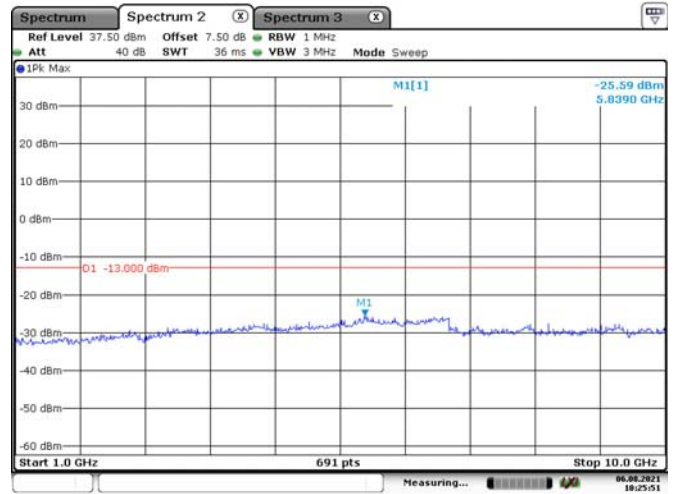
GPRS 850, High Channel



EDGE 850, Low Channel

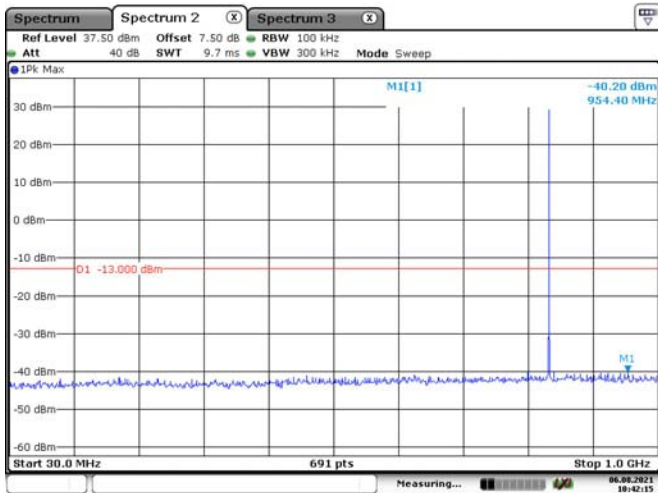


Date: 6.AUG.2021 10:22:12

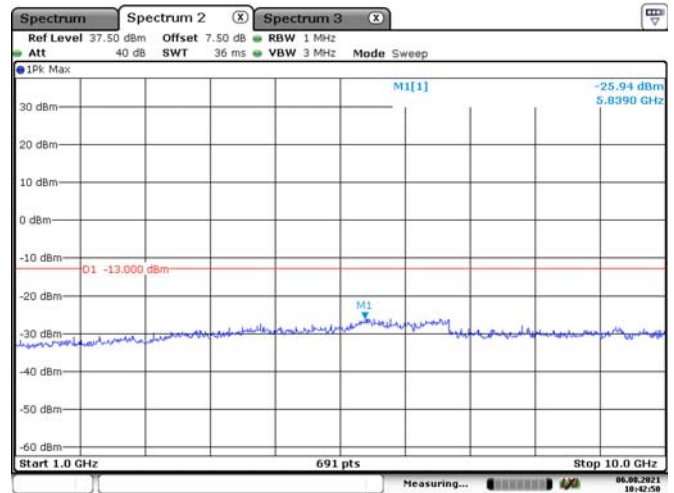


Date: 6.AUG.2021 10:25:51

EDGE 850, Middle Channel

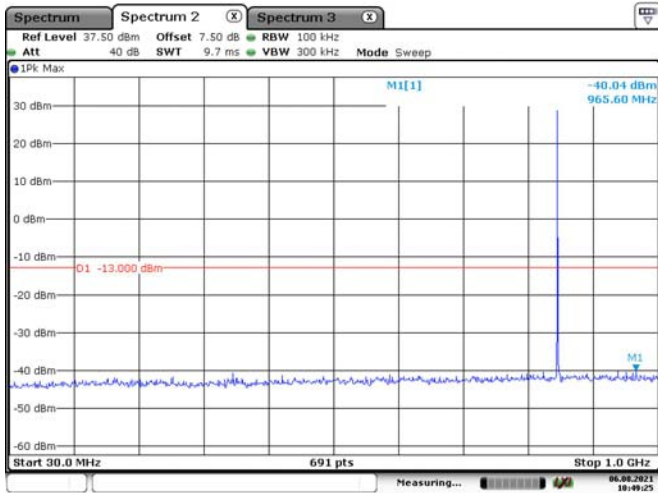


Date: 6.AUG.2021 10:42:16

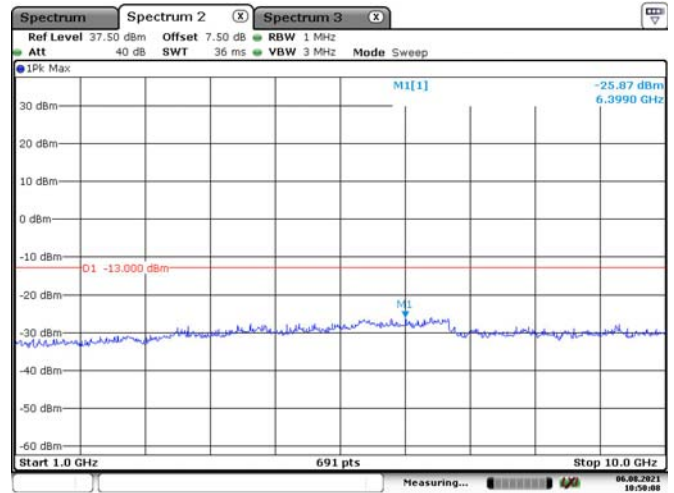


Date: 6.AUG.2021 10:42:50

EDGE 850, High Channel

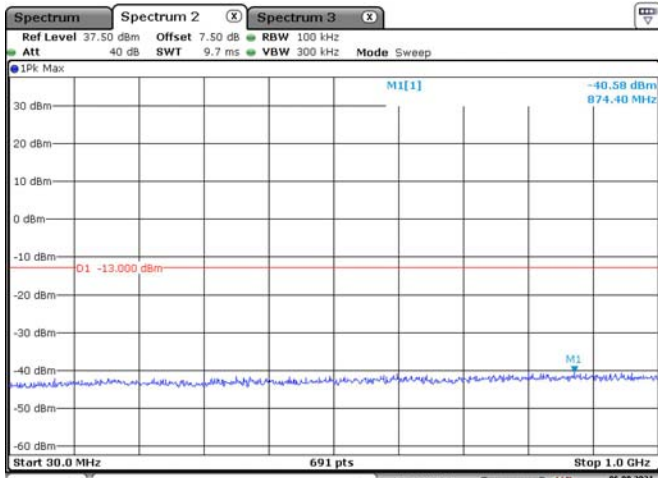


Date: 6.AUG.2021 10:49:25

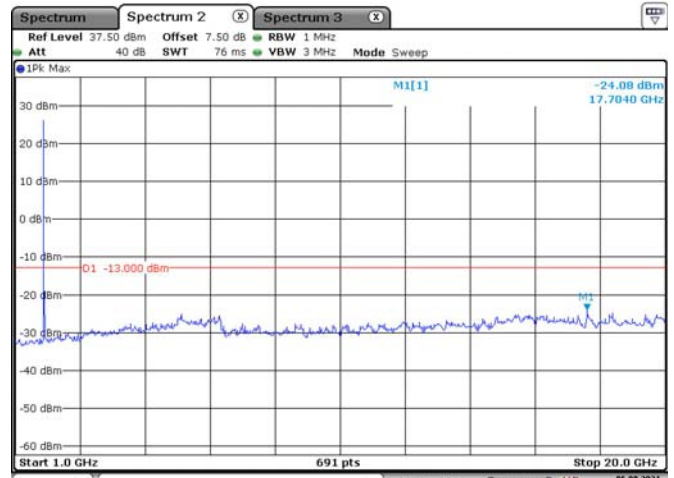


Date: 6.AUG.2021 10:50:09

GPRS 1900, Low Channel

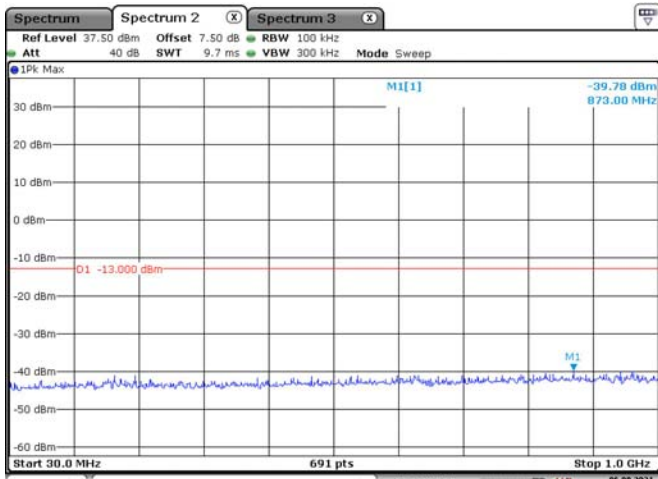


Date: 6.AUG.2021 11:03:12

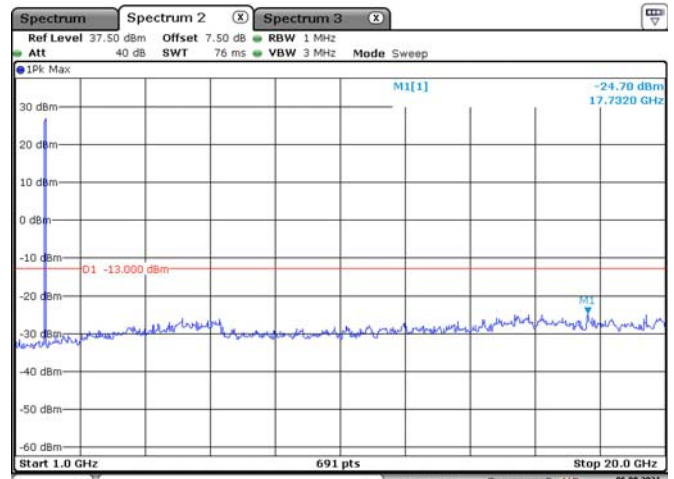


Date: 6.AUG.2021 11:05:58

GPRS 1900, Middle Channel

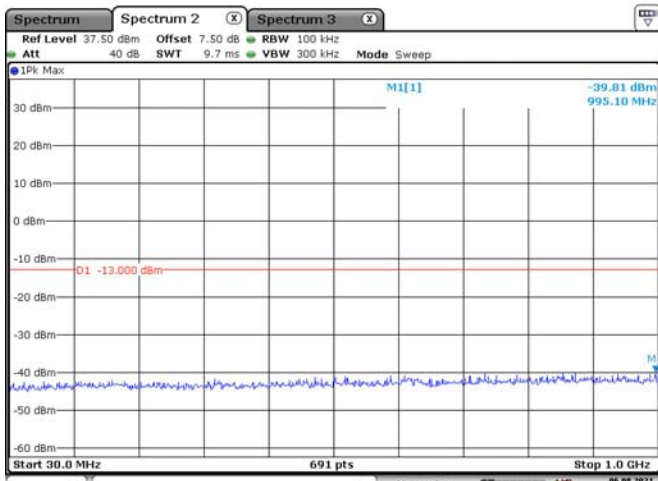


Date: 6.AUG.2021 11:11:59

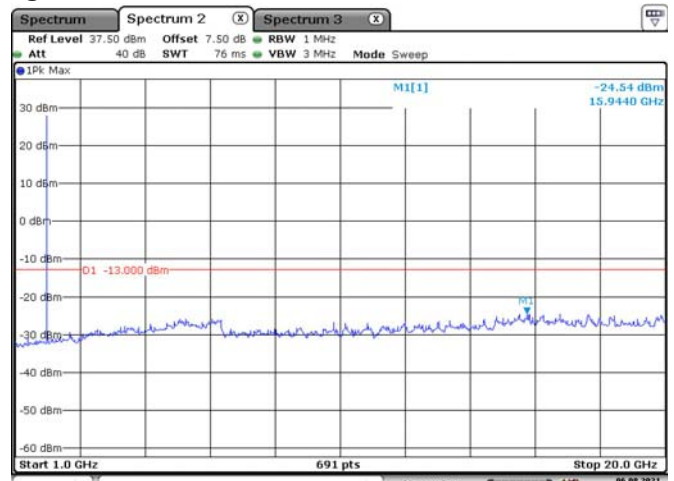


Date: 6.AUG.2021 11:12:41

GPRS 1900, High Channel

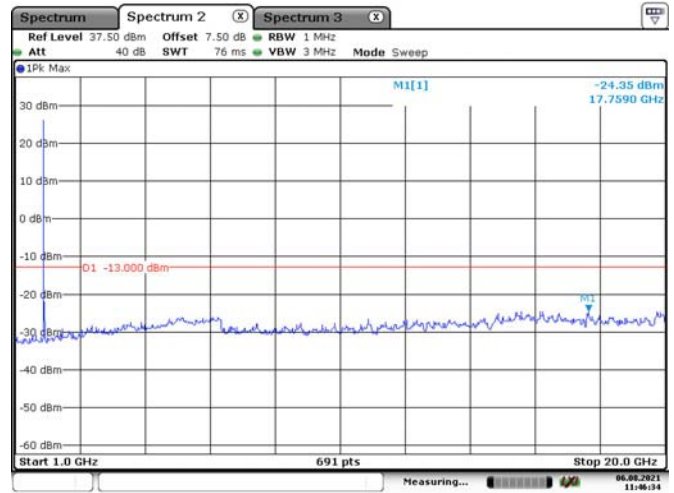
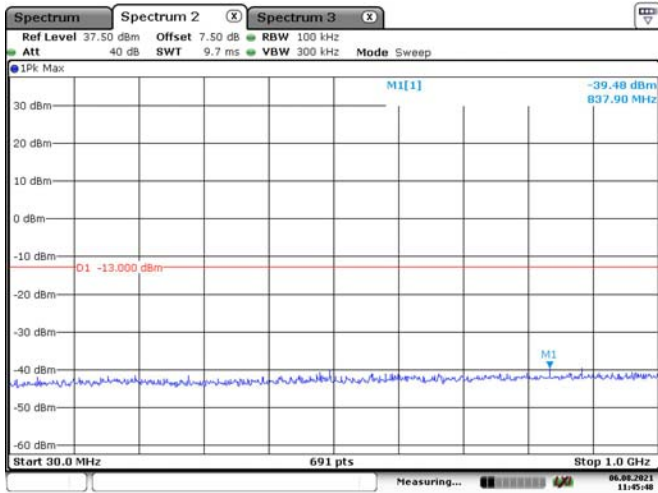


Date: 6.AUG.2021 11:17:39

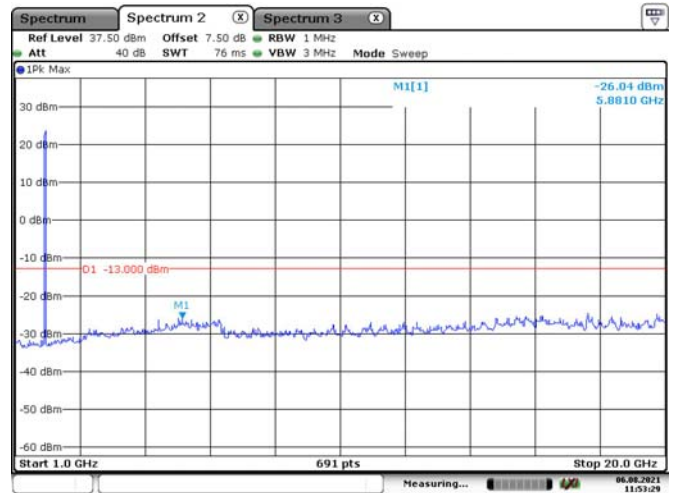
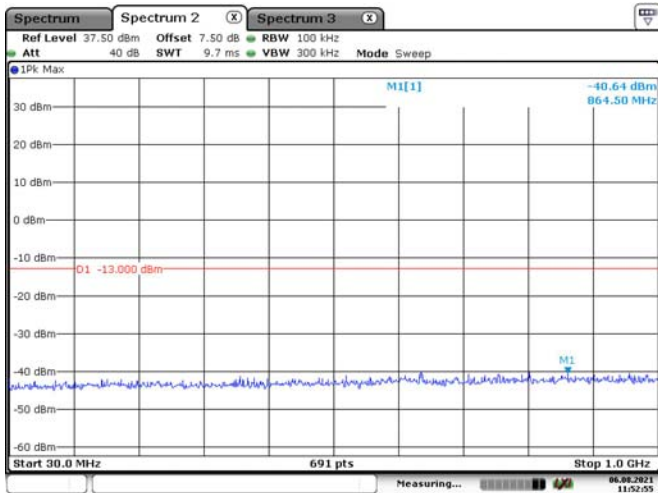


Date: 6.AUG.2021 11:18:26

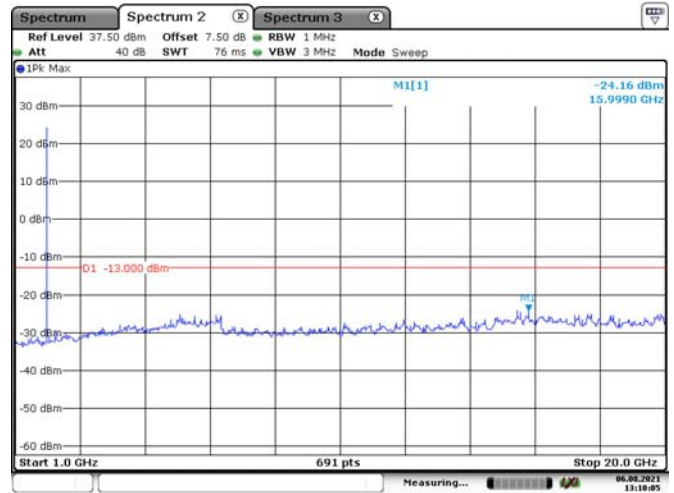
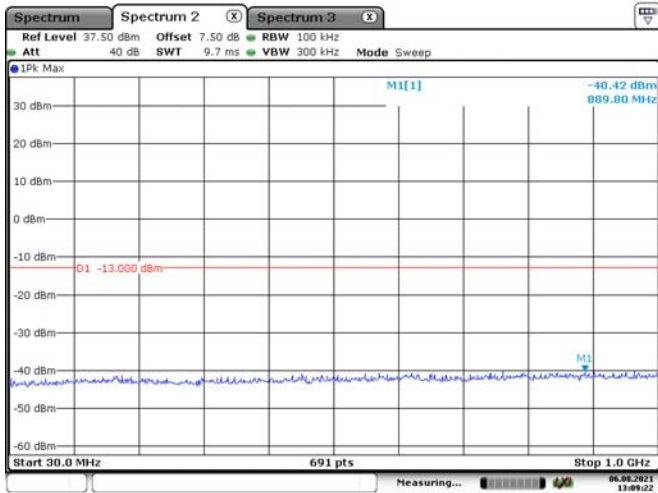
EDGE 1900, Low Channel



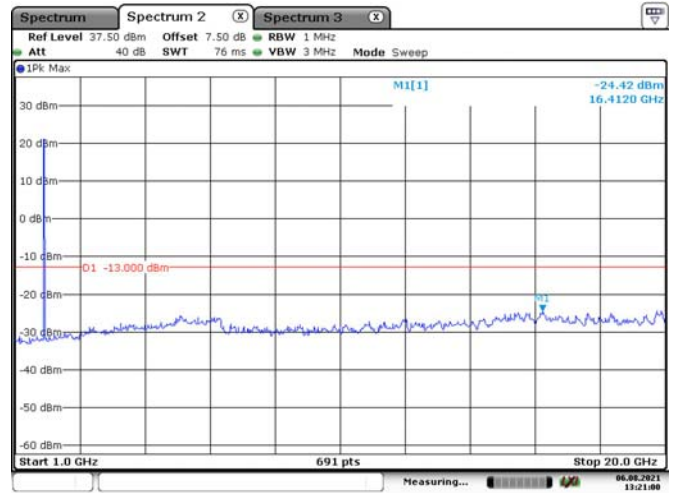
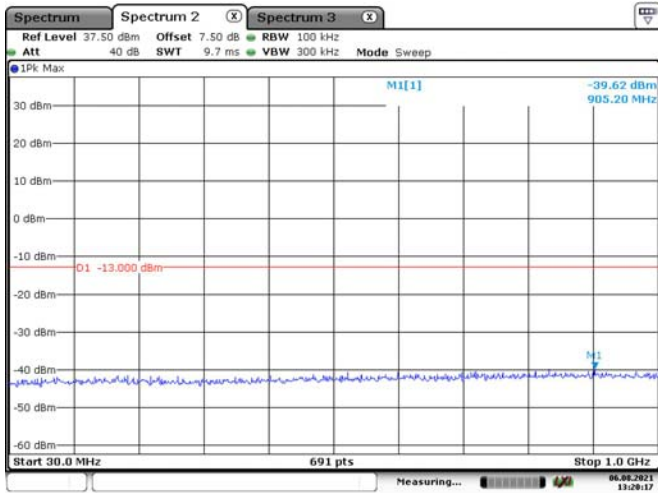
EDGE 1900, Middle Channel



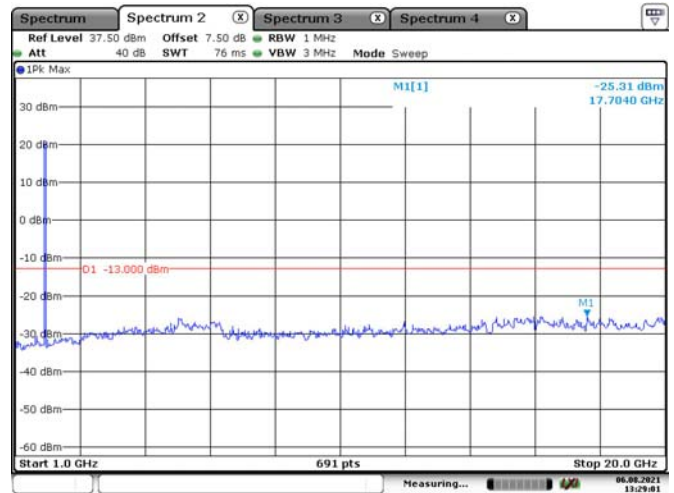
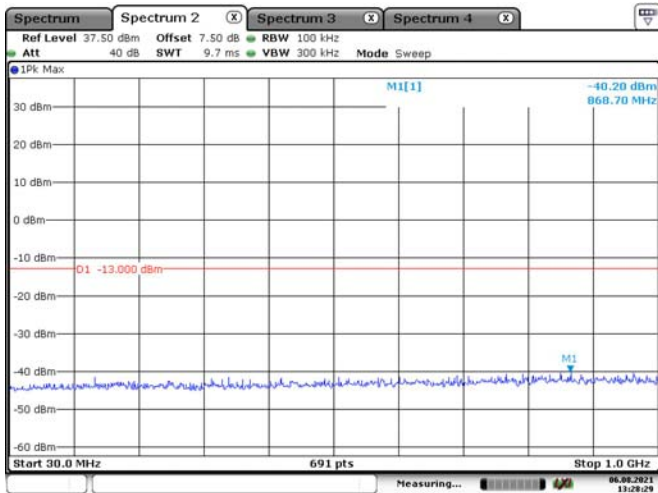
EDGE 1900, High Channel



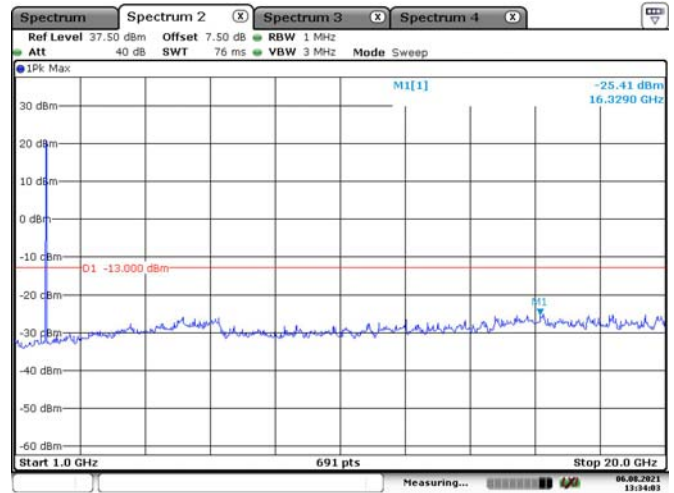
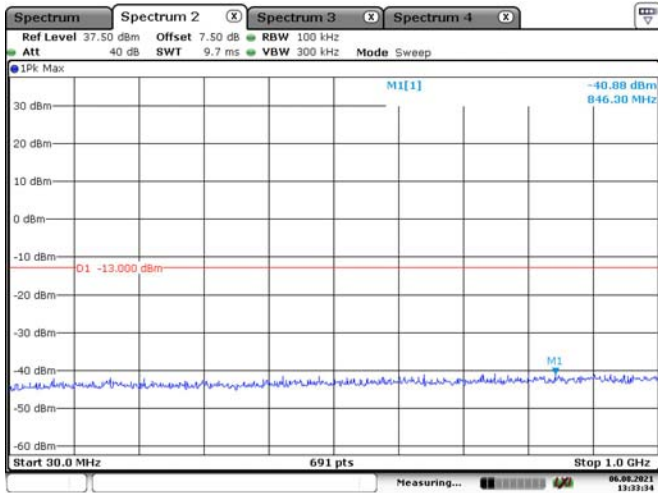
WCDMA Band II, R99, Low Channel



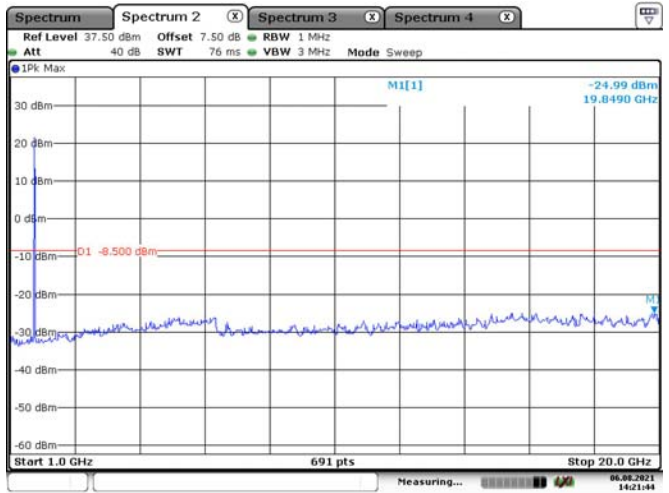
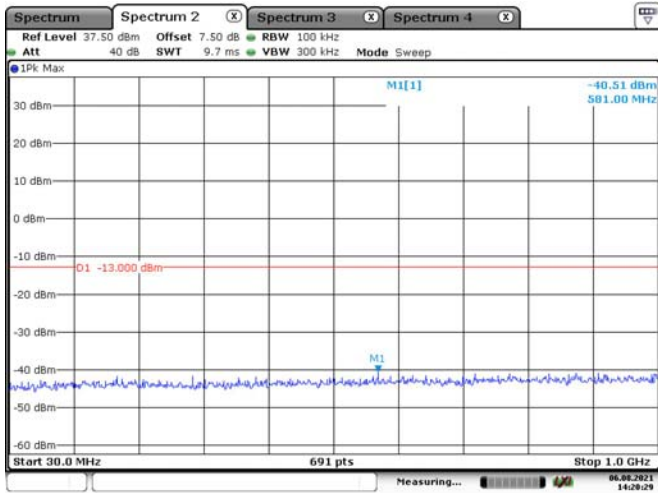
WCDMA Band II, R99, Middle Channel



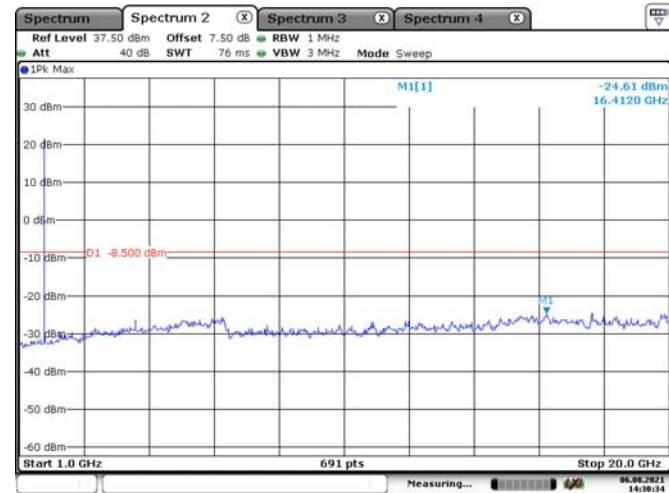
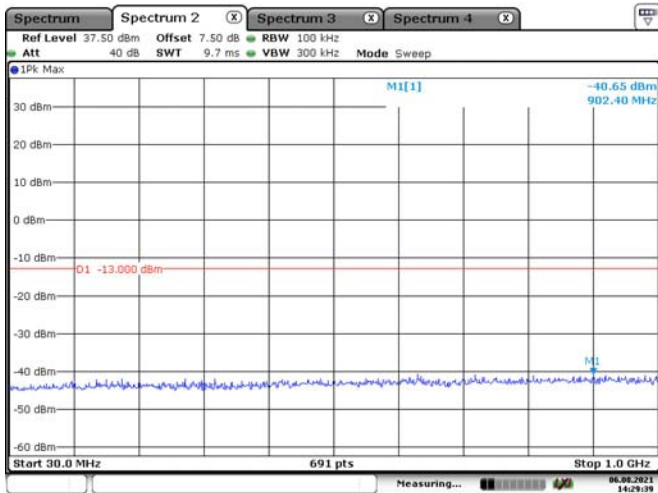
WCDMA Band II, R99, High Channel



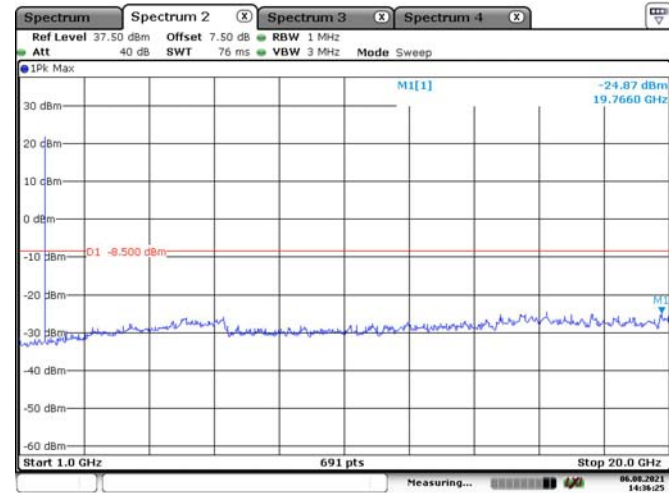
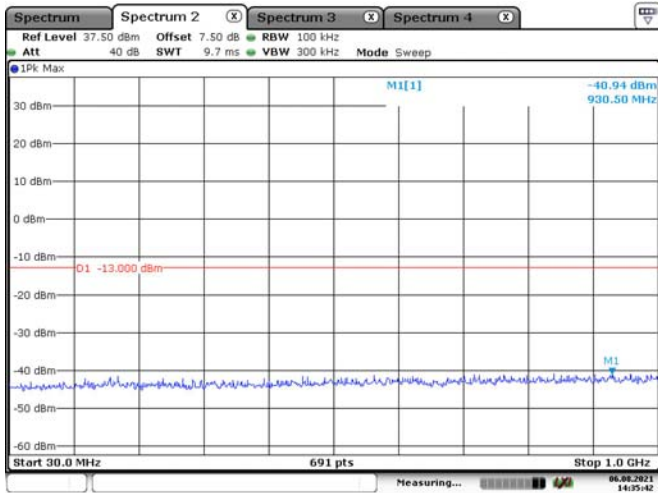
WCDMA Band IV, R99, Low Channel



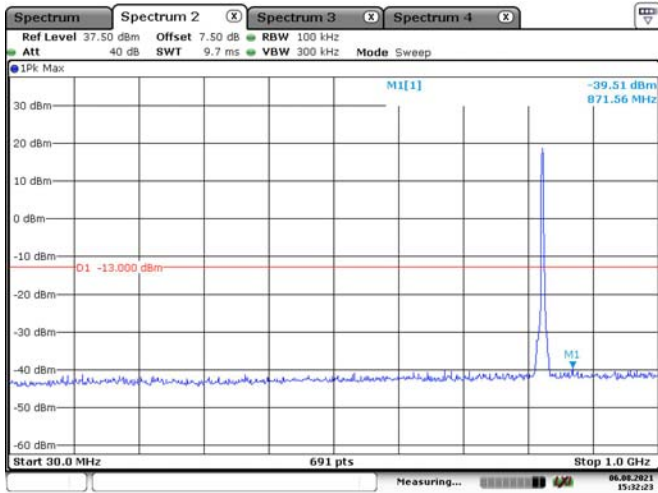
WCDMA Band IV, R99, Middle Channel



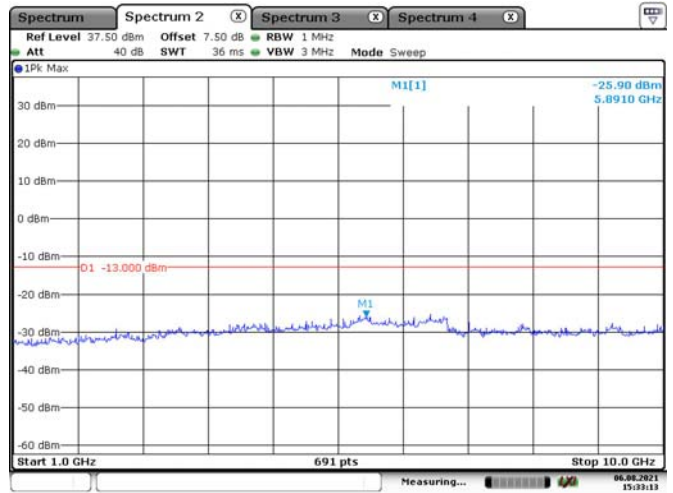
WCDMA Band IV, R99, High Channel



WCDMA Band V, R99, Low Channel

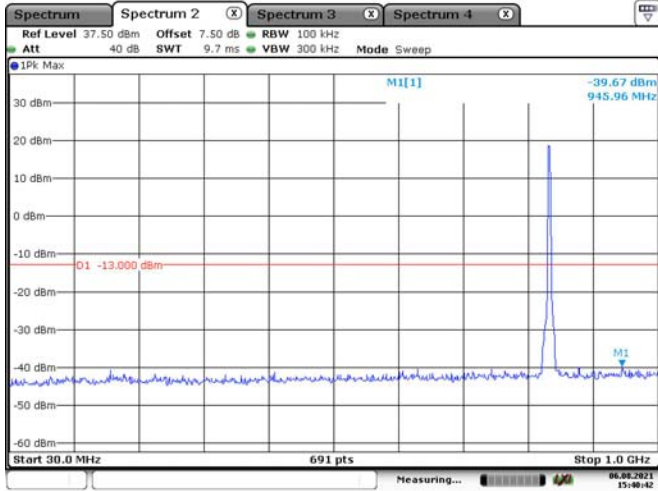


Date: 6.AUG.2021 15:32:24

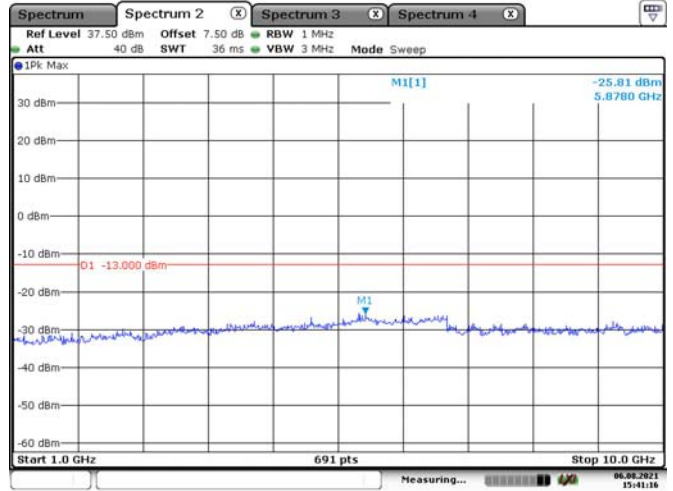


Date: 6.AUG.2021 15:33:13

WCDMA Band V, R99, Middle Channel

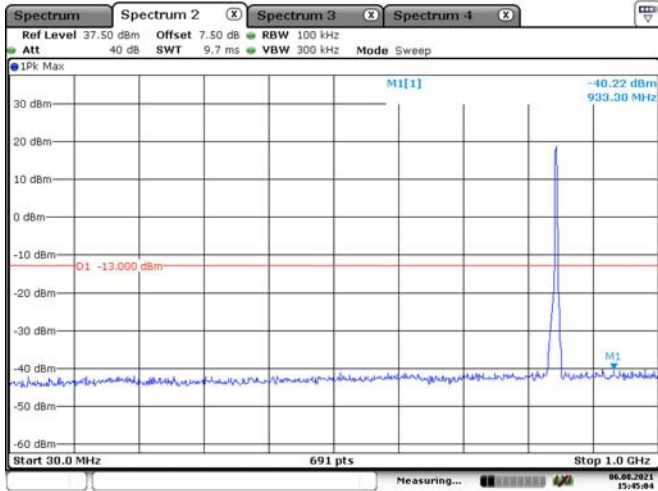


Date: 6.AUG.2021 15:40:43

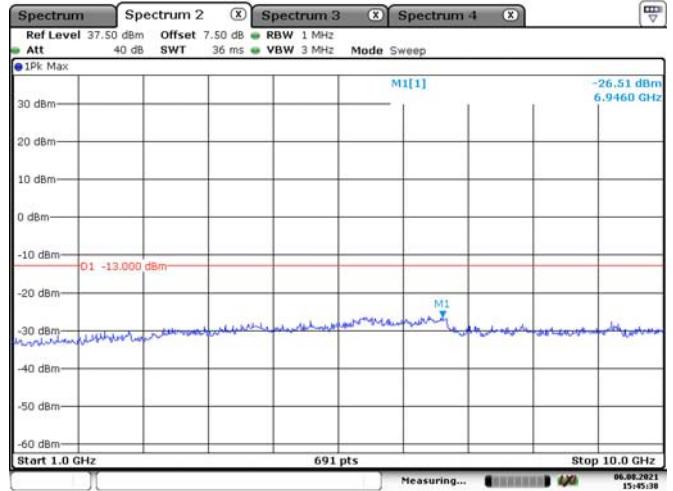


Date: 6.AUG.2021 15:41:17

WCDMA Band V, R99, High Channel



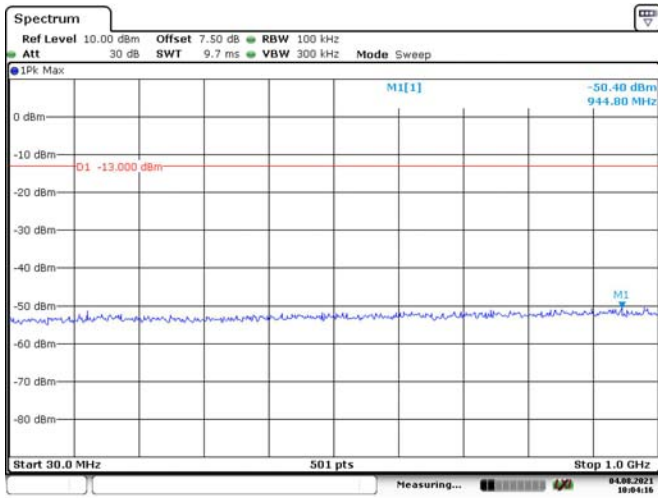
Date: 6.AUG.2021 15:45:04



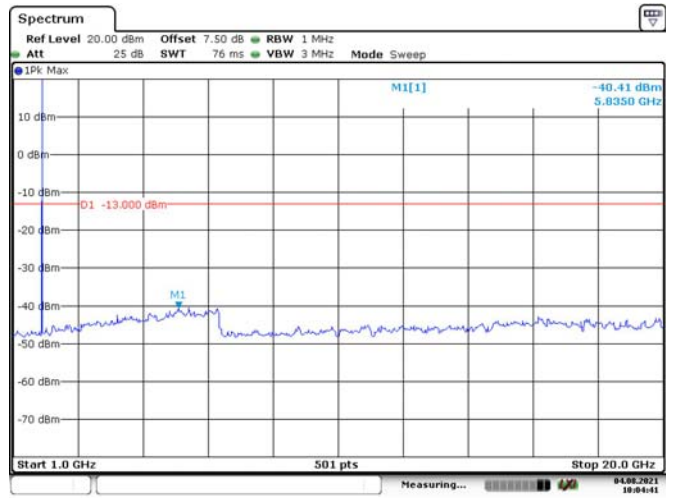
Date: 6.AUG.2021 15:45:38

LTE Band 2:

1.4M, QPSK, Low Channel

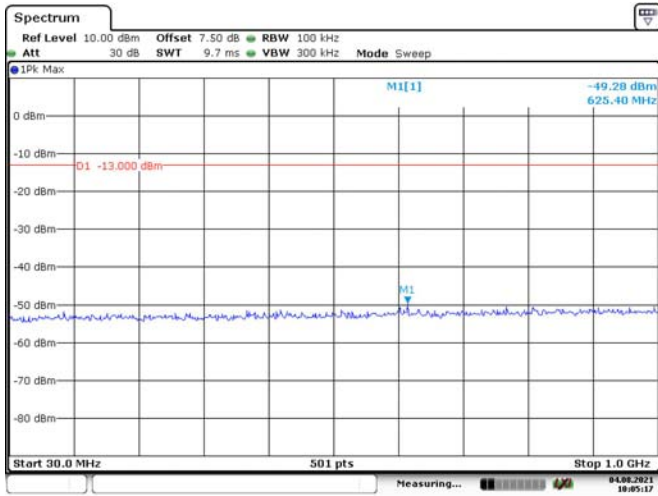


Date: 4.AUG.2021 10:04:17

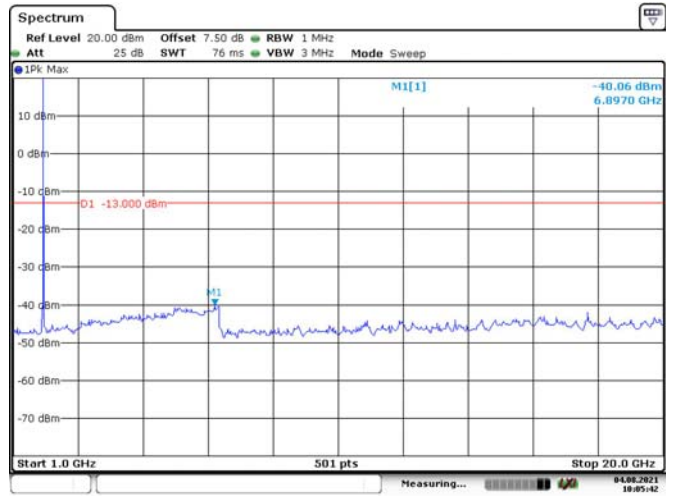


Date: 4.AUG.2021 10:04:42

1.4M, QPSK, Middle Channel

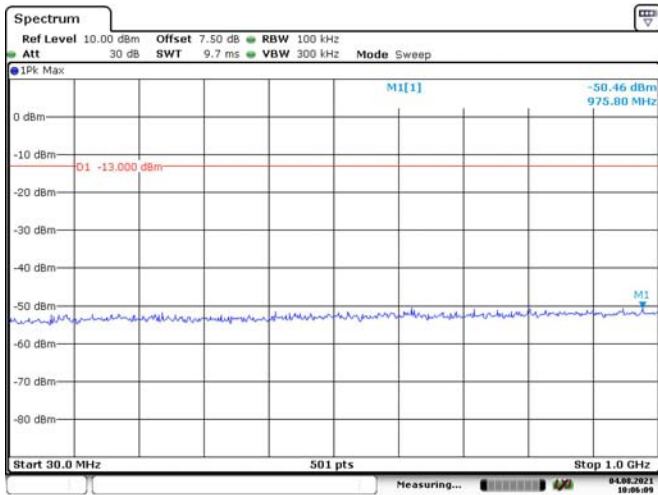


Date: 4.AUG.2021 10:05:17

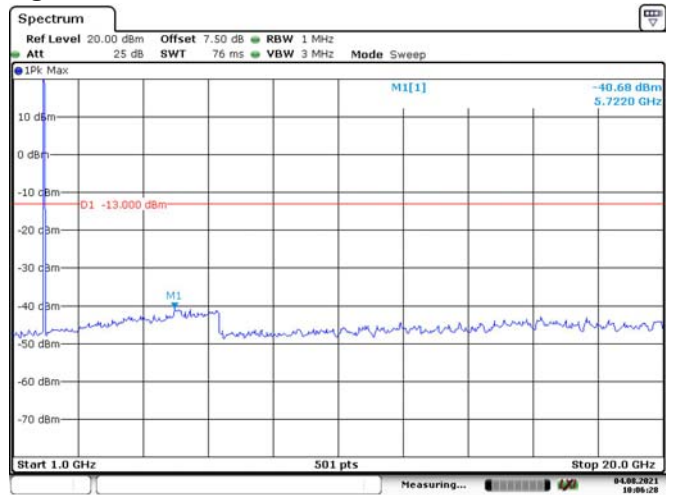


Date: 4.AUG.2021 10:05:42

1.4M, QPSK, High Channel

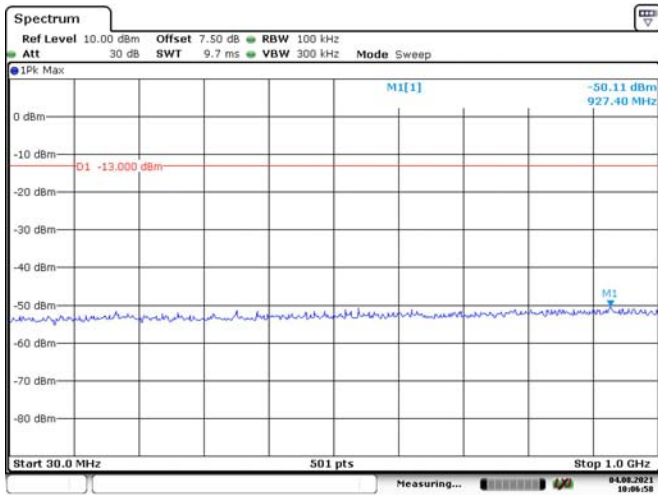


Date: 4.AUG.2021 10:06:10

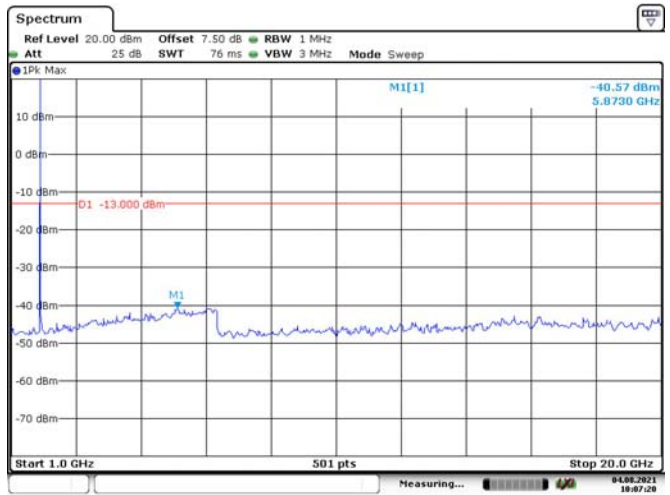


Date: 4.AUG.2021 10:06:29

3M, QPSK, Low Channel

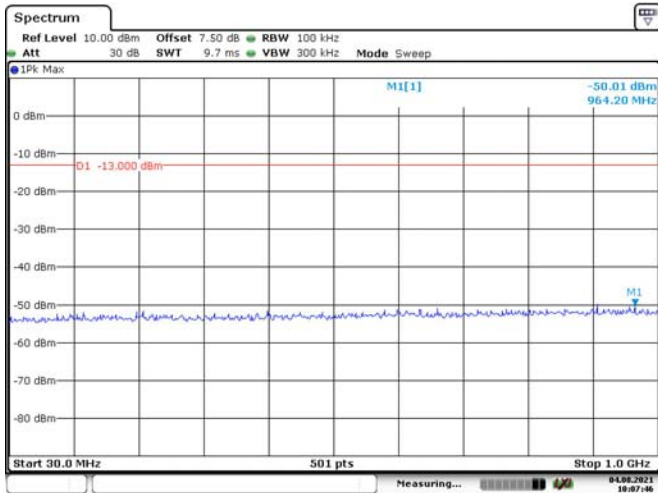


Date: 4.AUG.2021 10:06:59

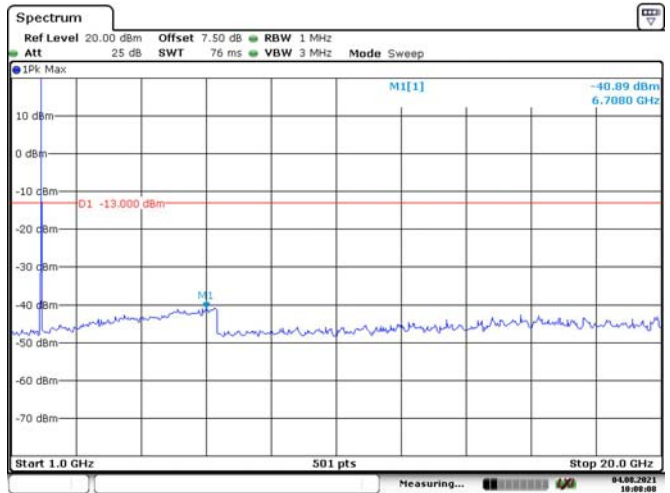


Date: 4.AUG.2021 10:07:21

3M, QPSK, Middle Channel

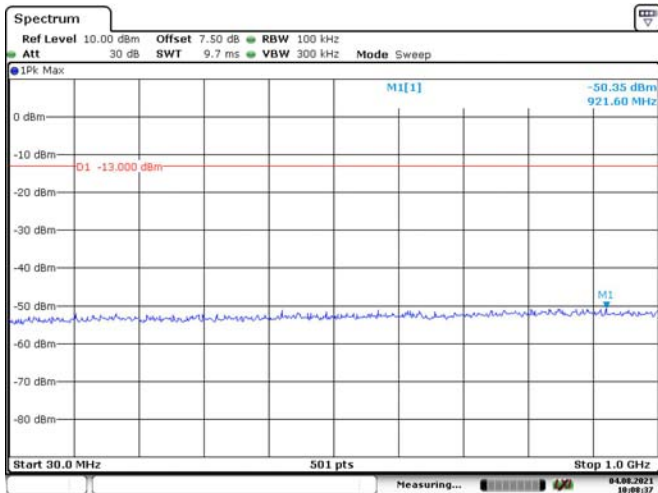


Date: 4.AUG.2021 10:07:47

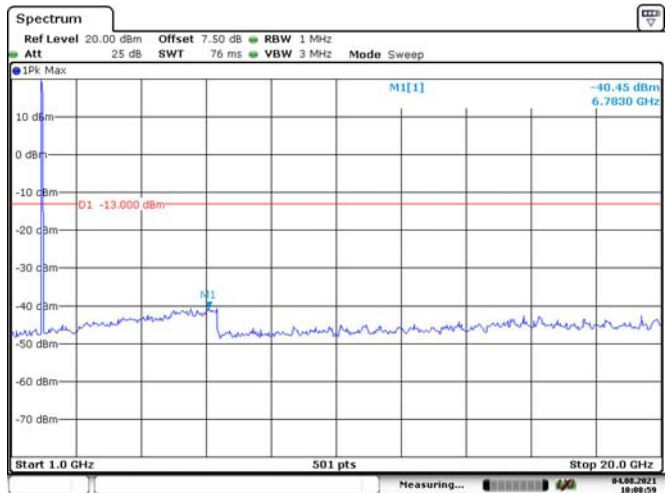


Date: 4.AUG.2021 10:08:09

3M, QPSK, High Channel

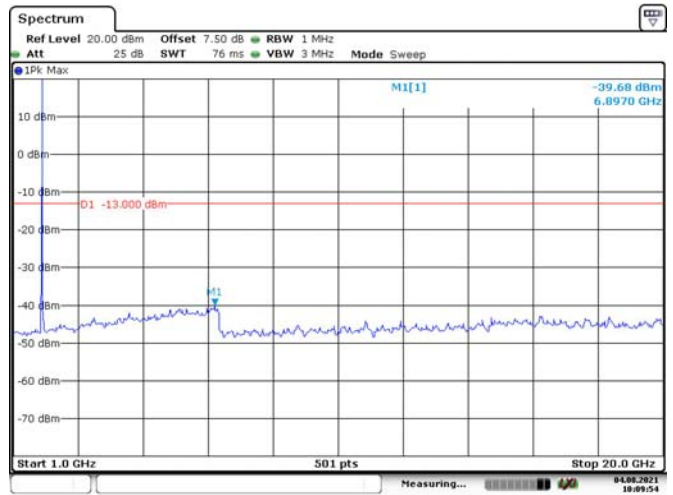
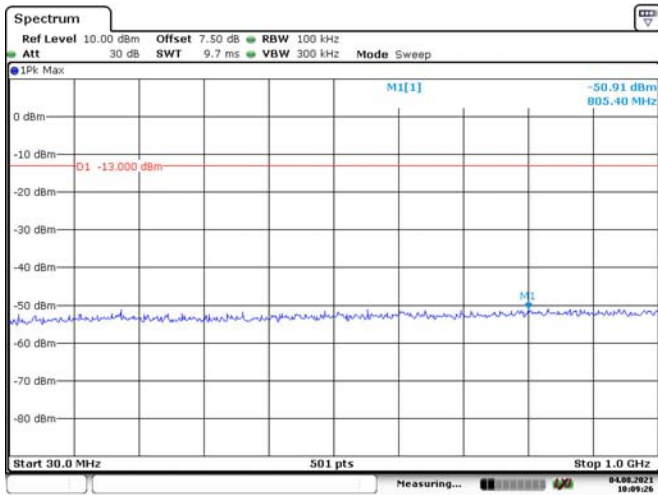


Date: 4.AUG.2021 10:08:18

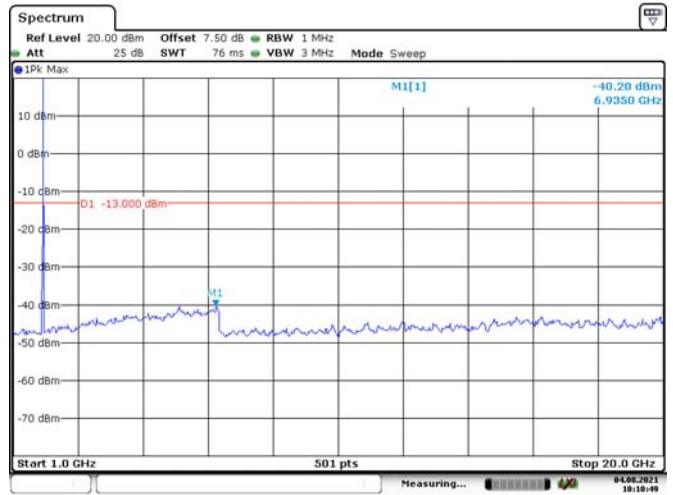
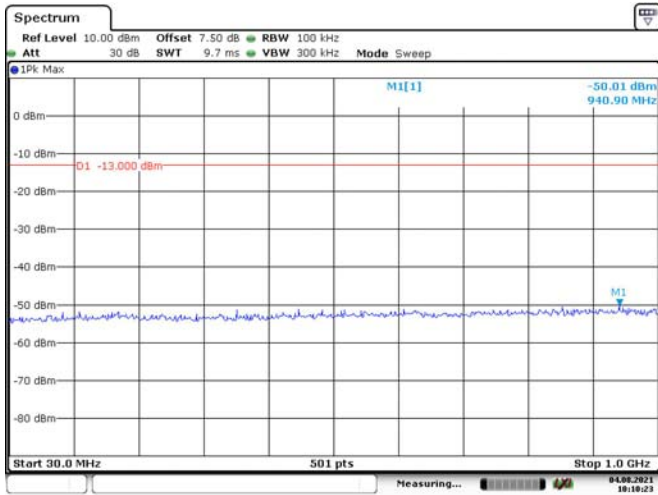


Date: 4.AUG.2021 10:09:00

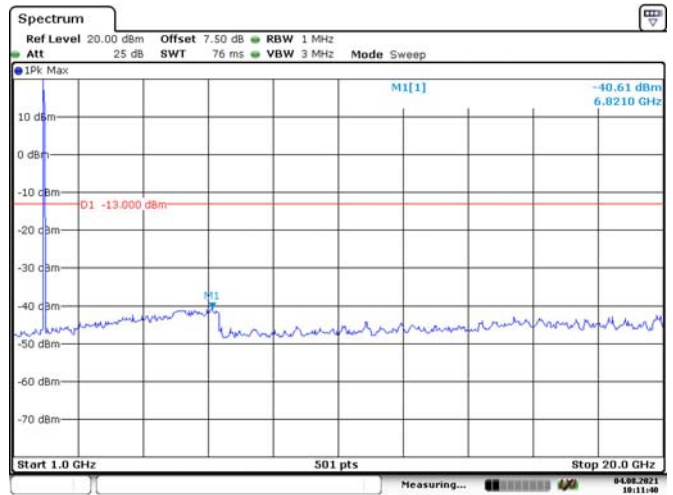
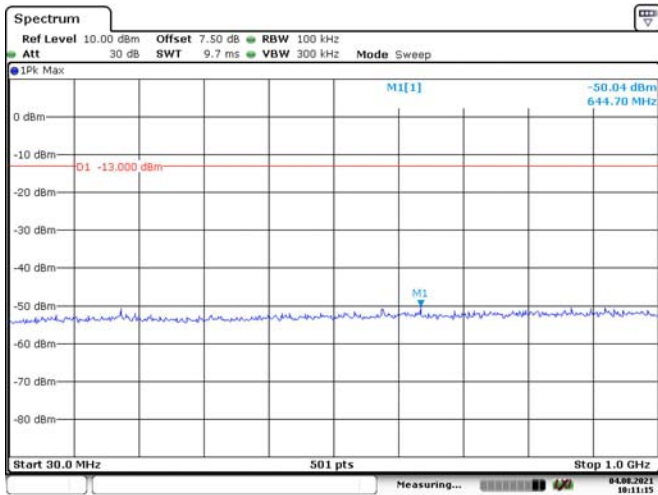
5M, QPSK, Low Channel



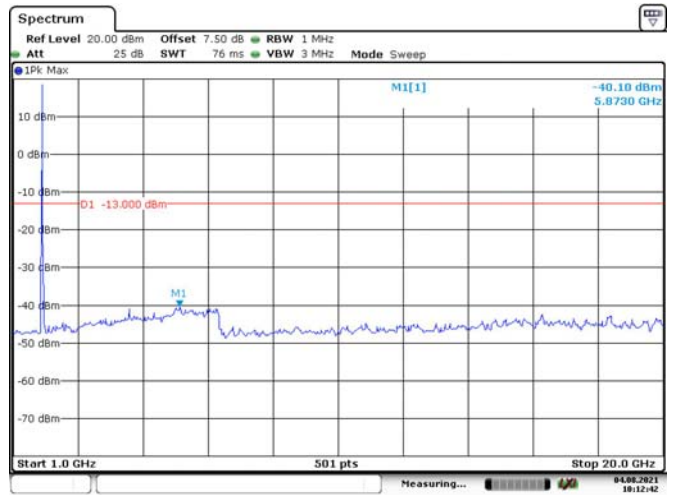
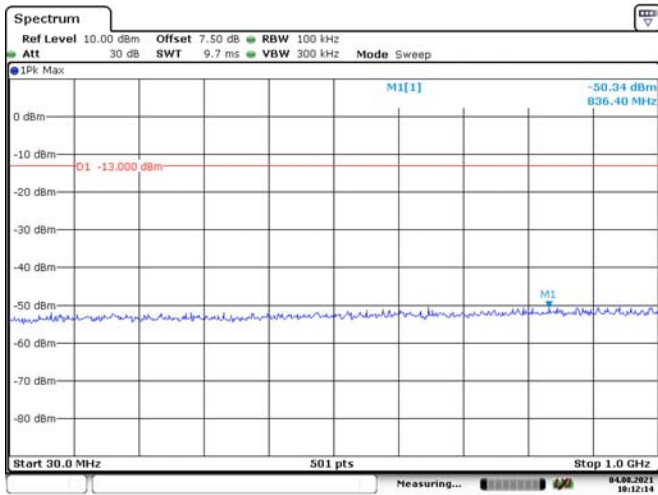
5M, QPSK, Middle Channel



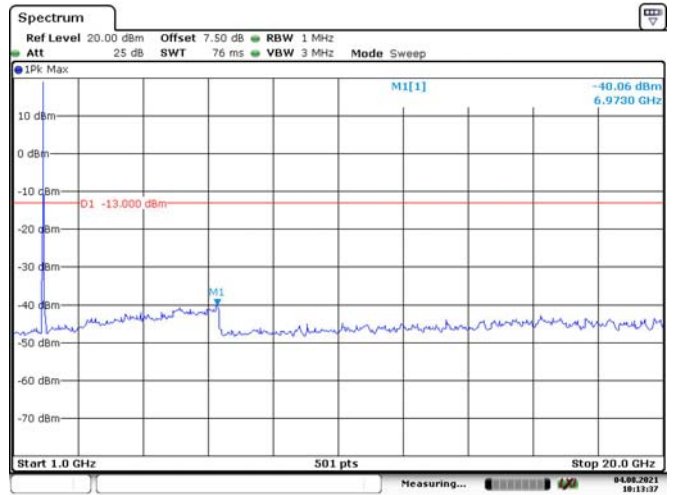
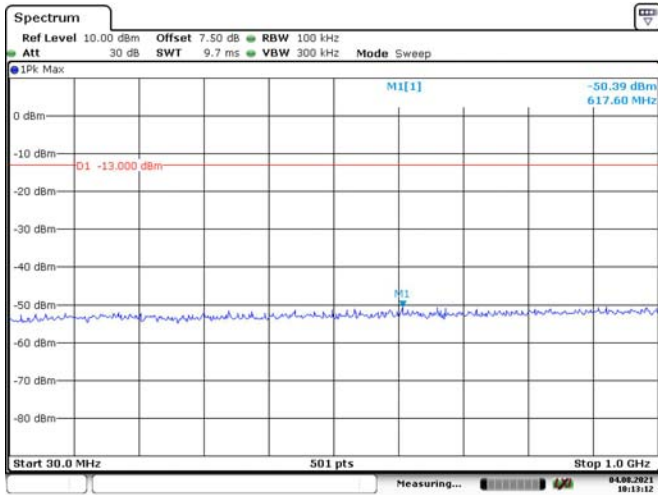
5M, QPSK, High Channel



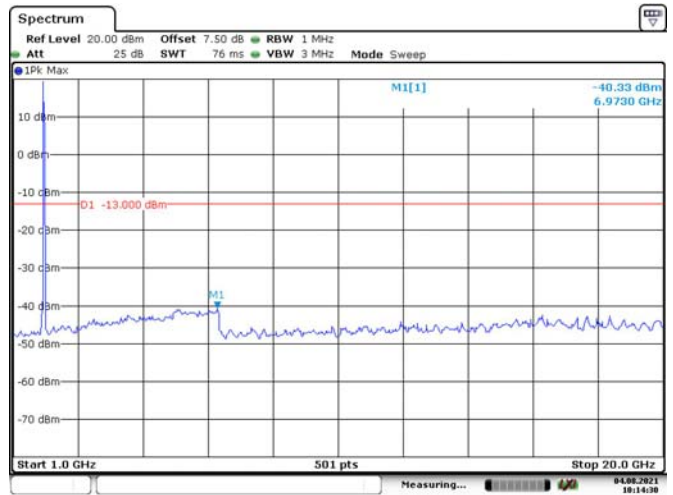
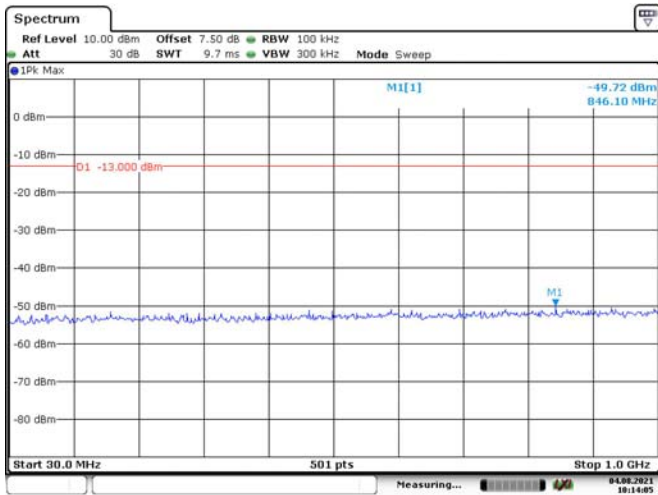
10M, QPSK, Low Channel



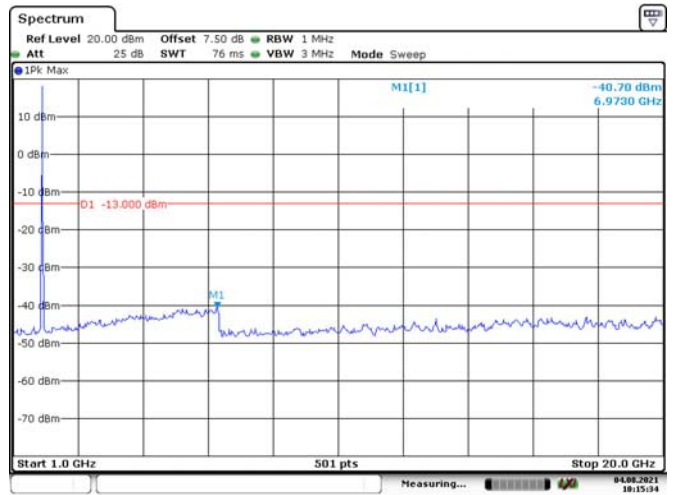
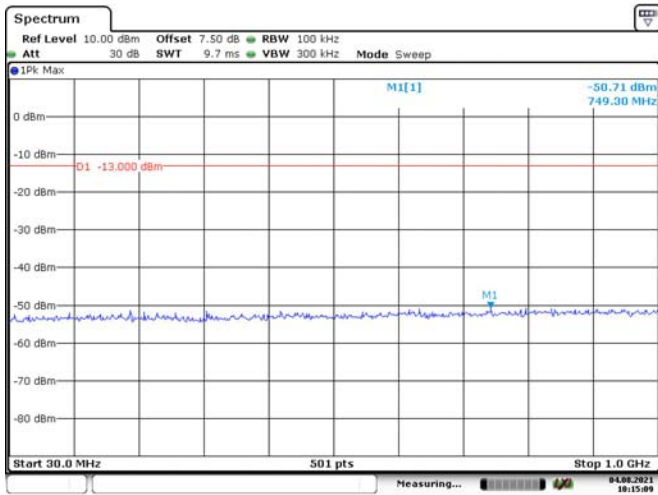
10M, QPSK, Middle Channel



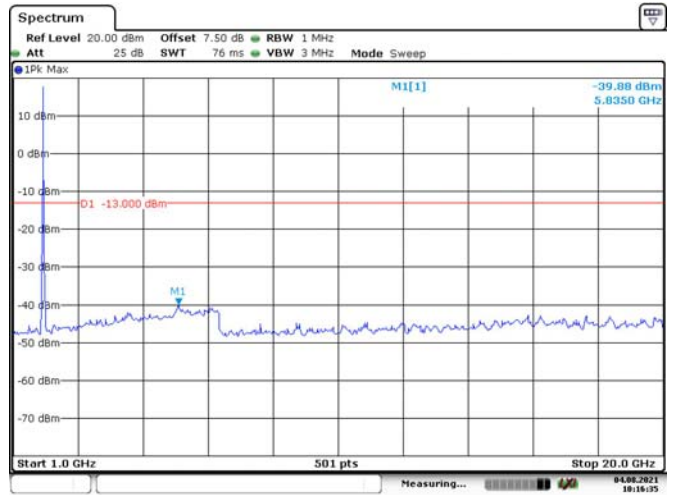
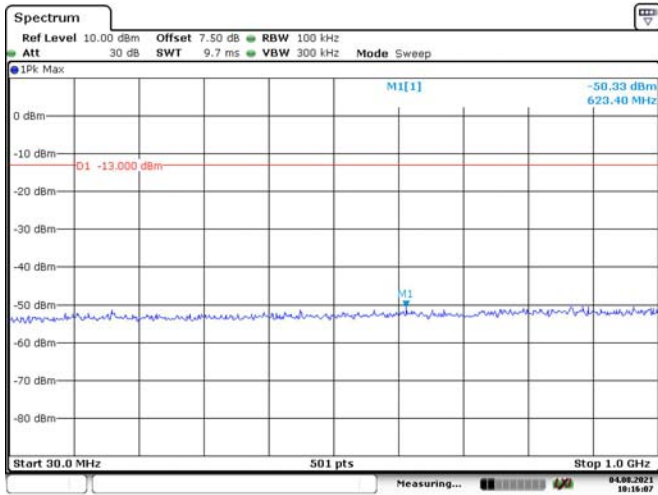
10M, QPSK, High Channel



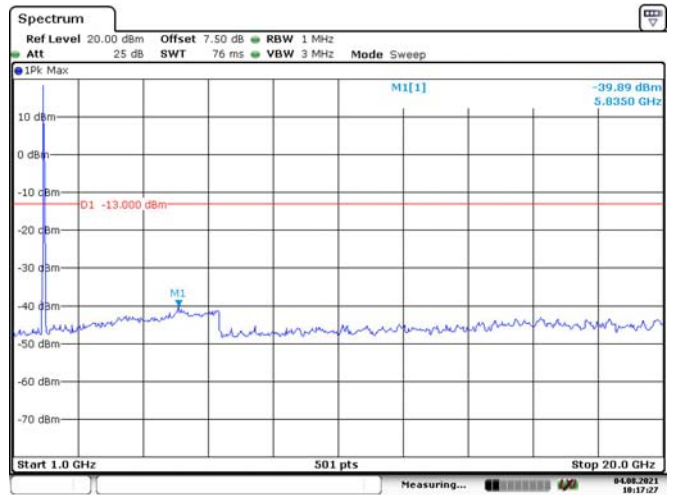
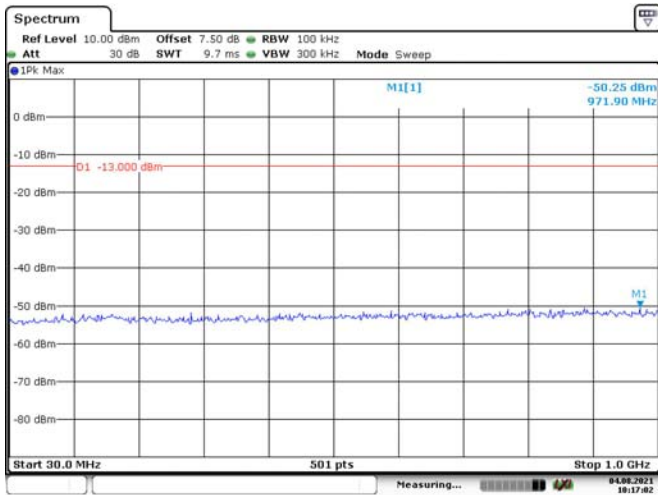
15M, QPSK, Low Channel



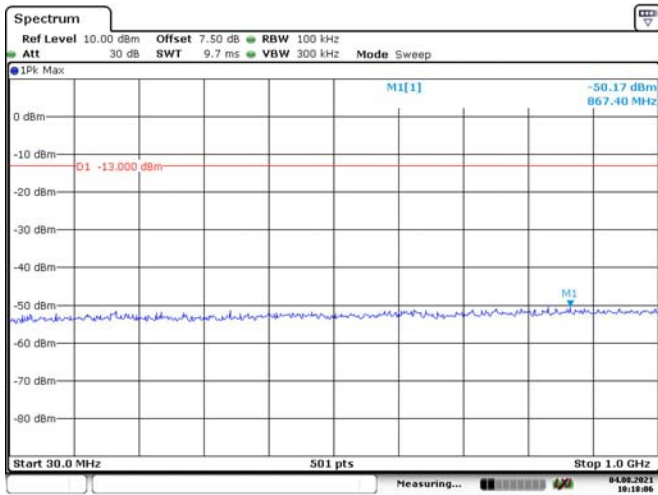
15M, QPSK, Middle Channel



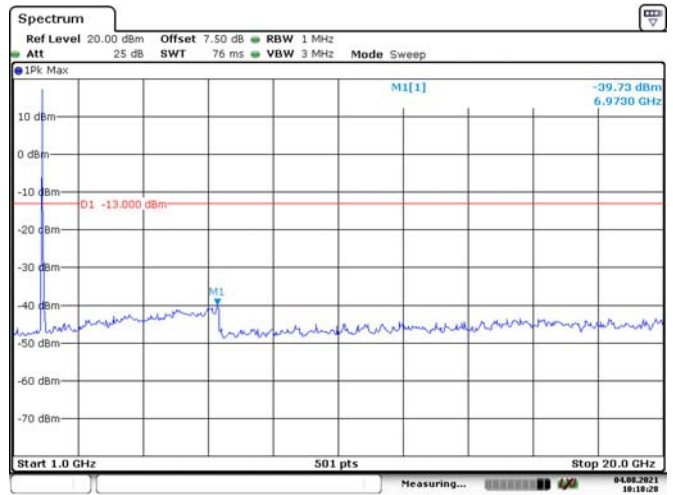
15M, QPSK, High Channel



20M, QPSK, Low Channel

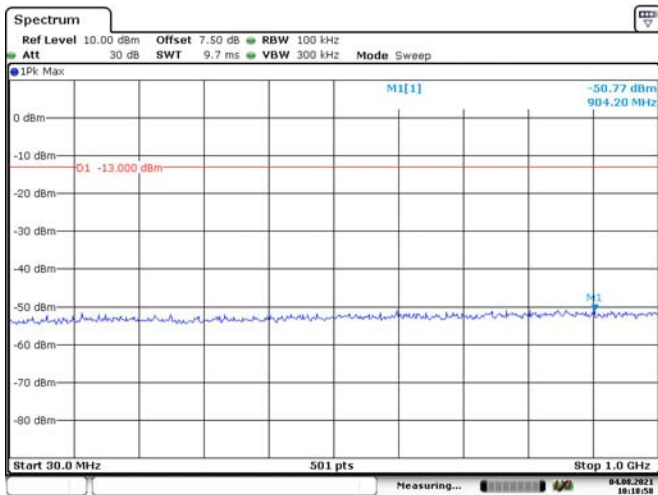


Date: 4.AUG.2021 10:18:07

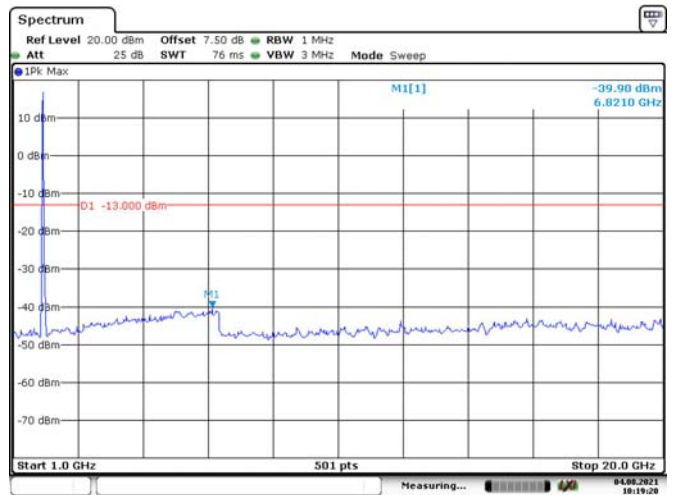


Date: 4.AUG.2021 10:18:29

20M, QPSK, Middle Channel

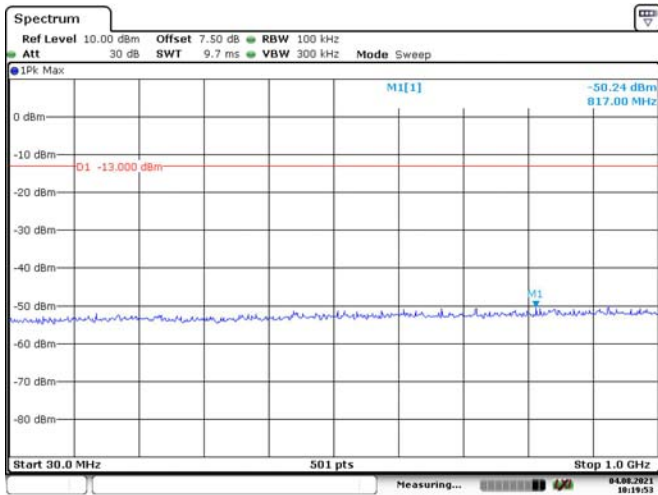


Date: 4.AUG.2021 10:18:58

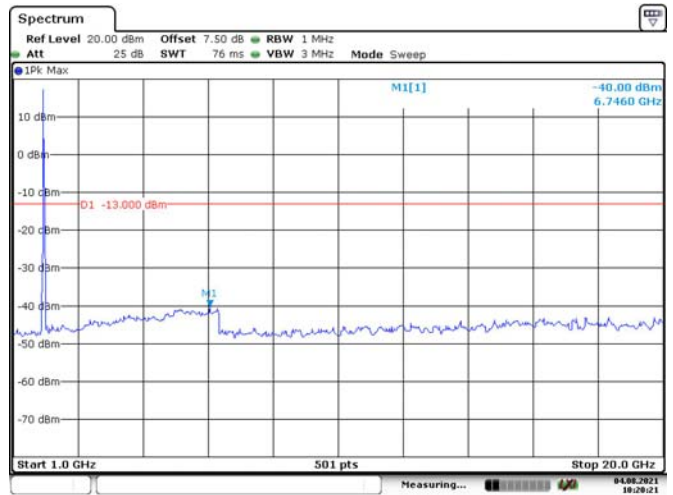


Date: 4.AUG.2021 10:19:20

20M, QPSK, High Channel



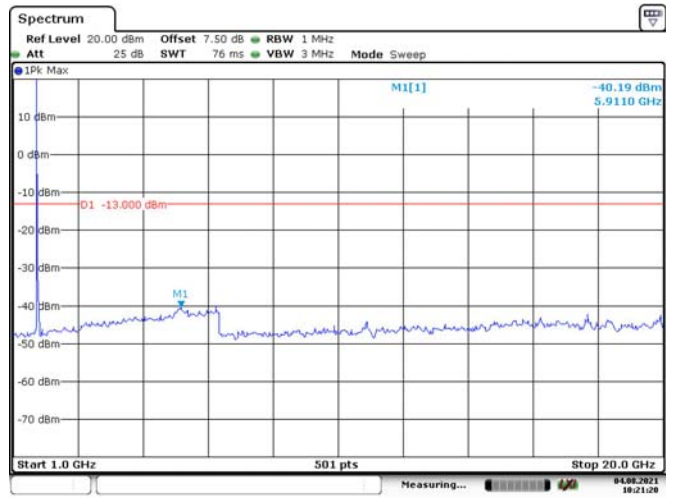
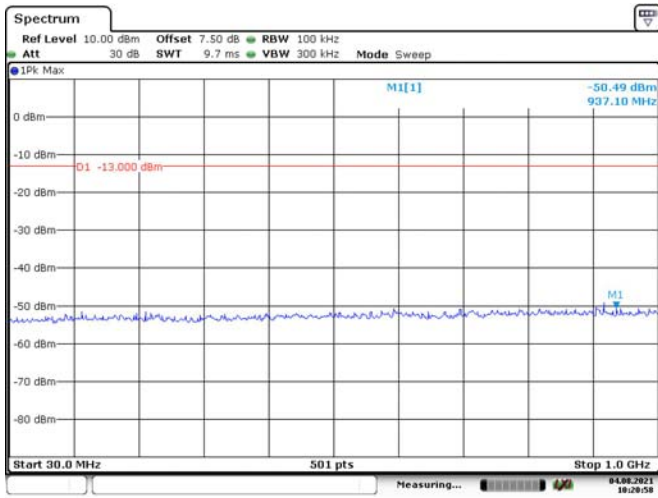
Date: 4.AUG.2021 10:19:53



Date: 4.AUG.2021 10:20:21

LTE Band 4:

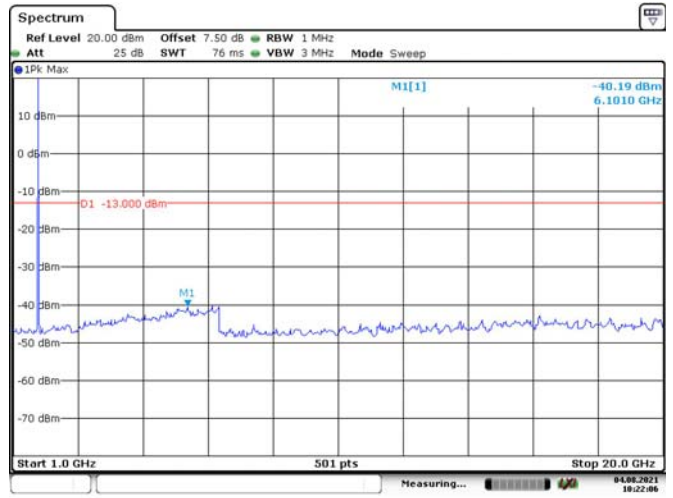
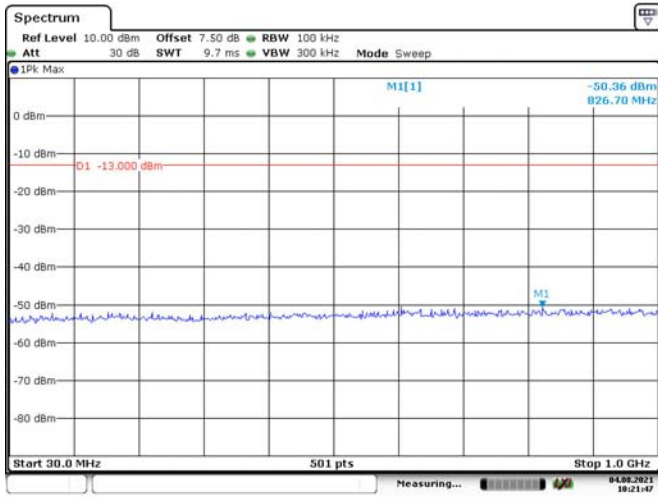
1.4M, QPSK, Low Channel



Date: 4.AUG.2021 10:20:59

Date: 4.AUG.2021 10:21:21

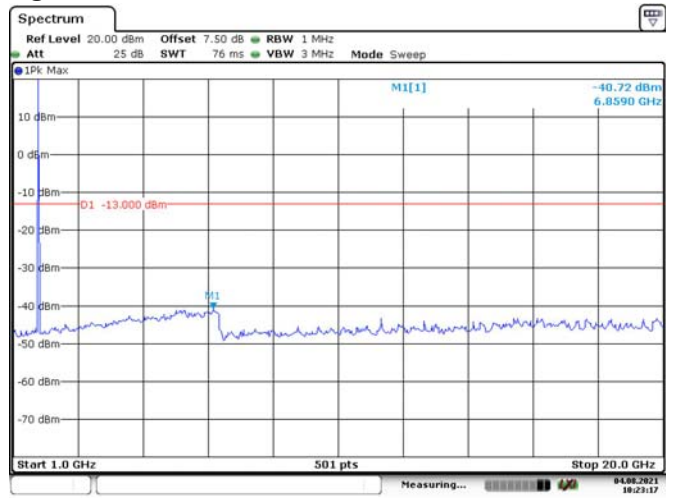
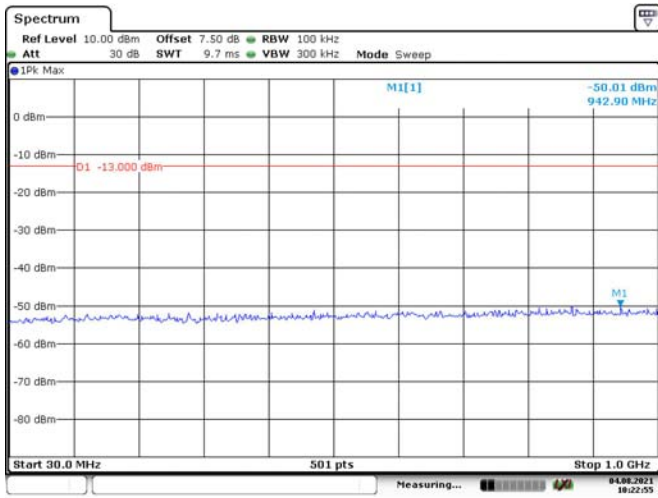
1.4M, QPSK, Middle Channel



Date: 4.AUG.2021 10:21:47

Date: 4.AUG.2021 10:22:06

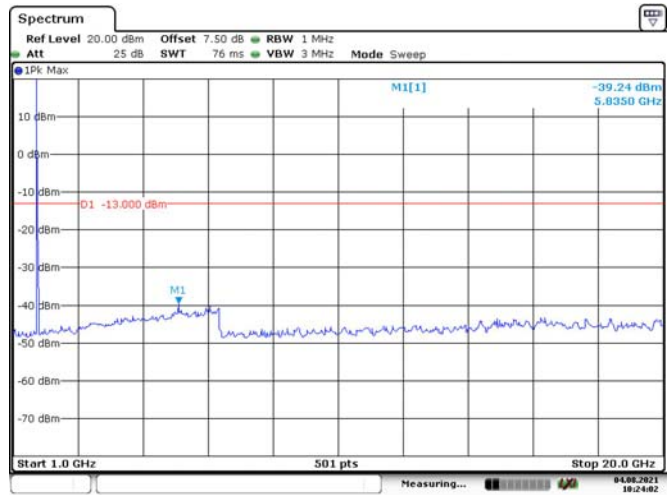
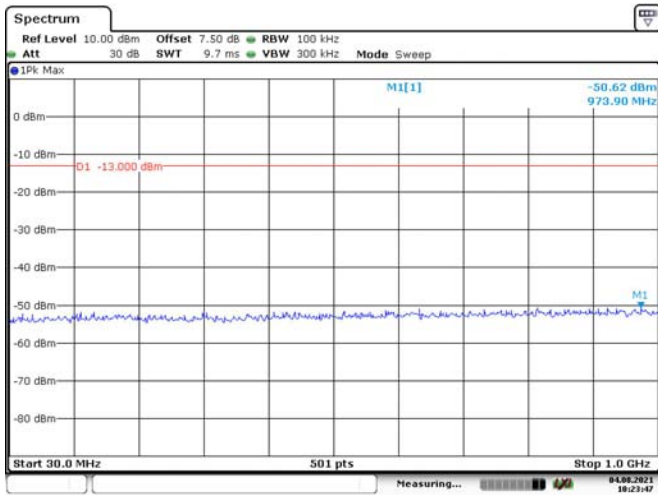
1.4M, QPSK, High Channel



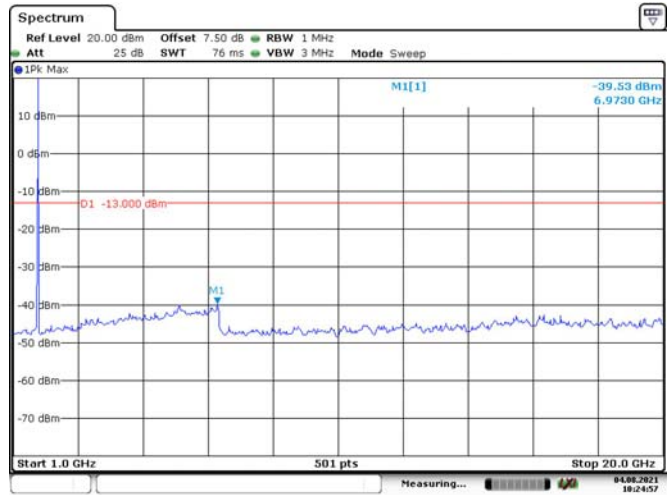
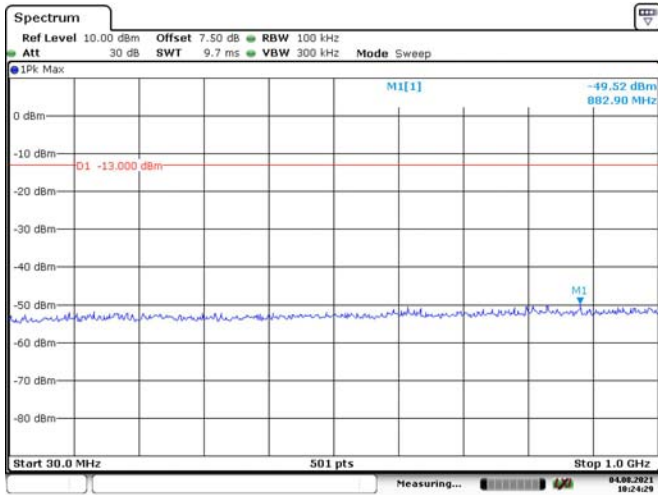
Date: 4.AUG.2021 10:22:55

Date: 4.AUG.2021 10:23:17

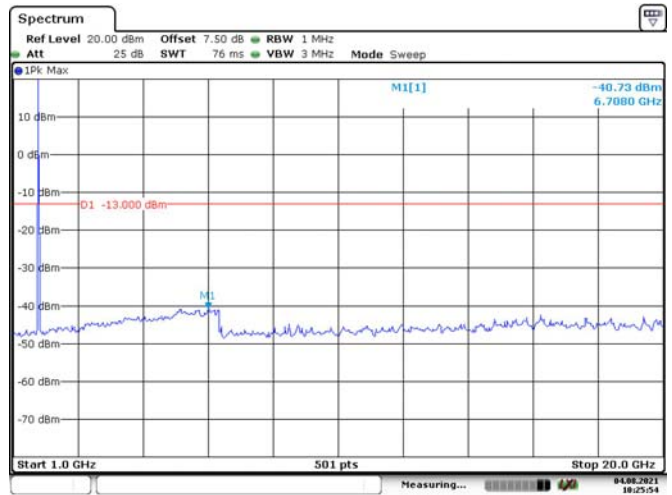
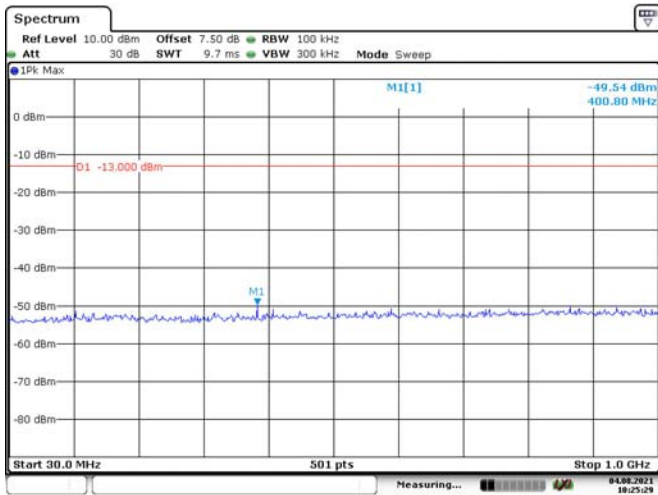
3M, QPSK, Low Channel



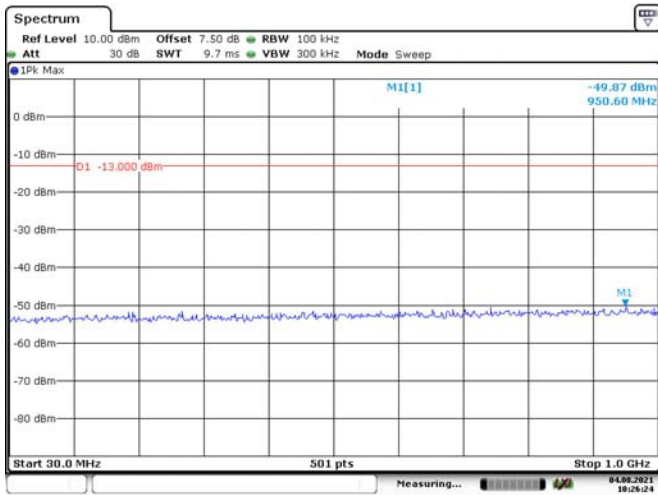
3M, QPSK, Middle Channel



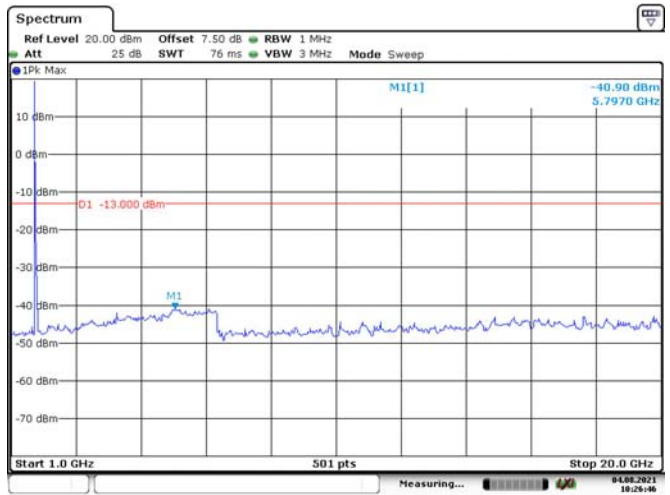
3M, QPSK, High Channel



5M, QPSK, Low Channel

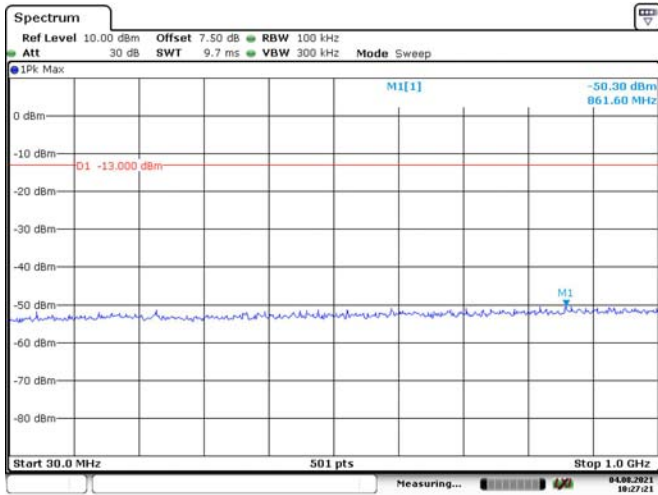


Date: 4.AUG.2021 10:26:24

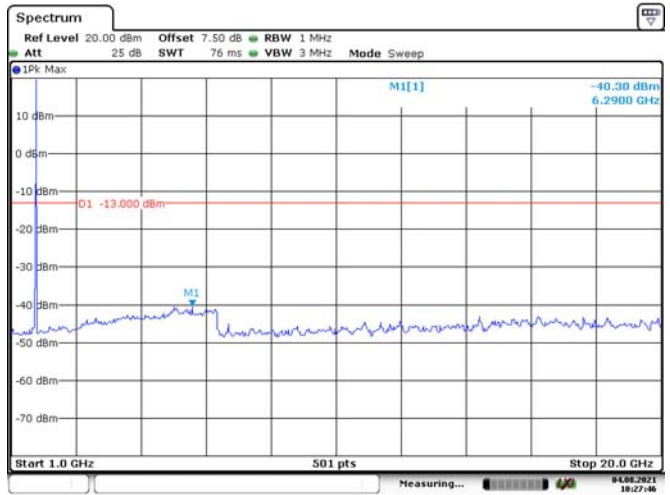


Date: 4.AUG.2021 10:26:46

5M, QPSK, Middle Channel

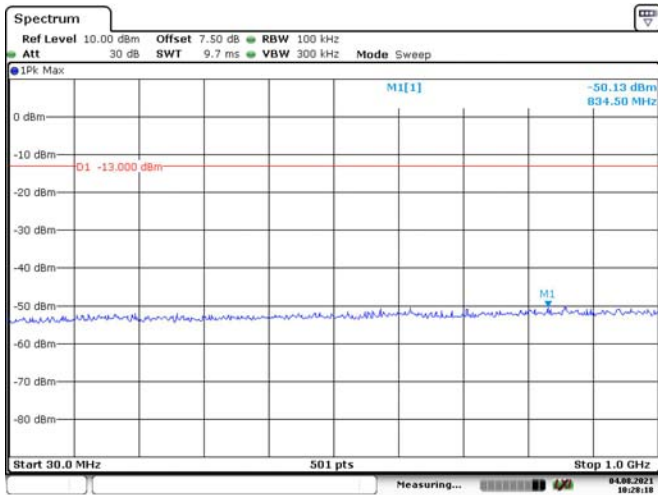


Date: 4.AUG.2021 10:27:21

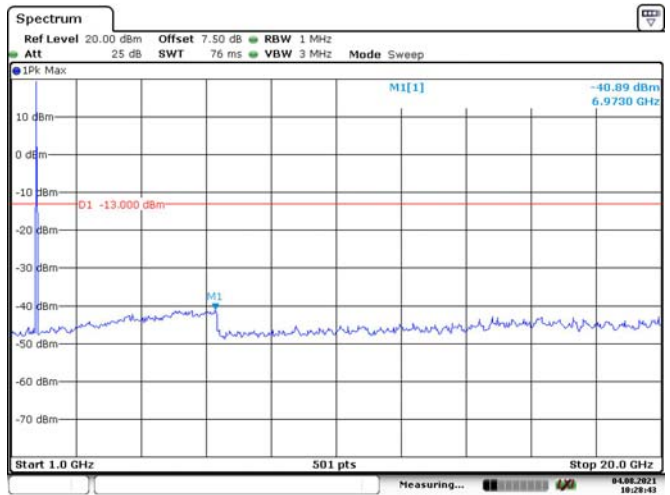


Date: 4.AUG.2021 10:27:47

5M, QPSK, High Channel

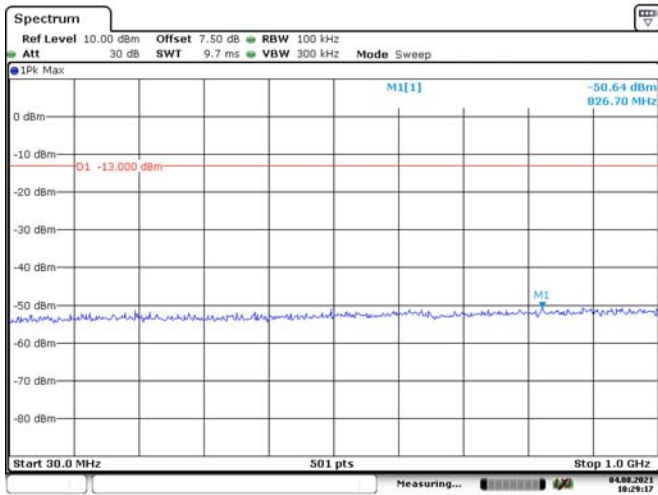


Date: 4.AUG.2021 10:28:19

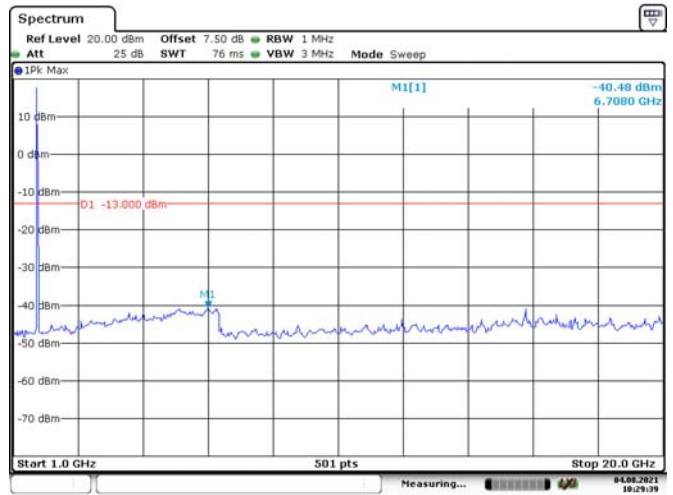


Date: 4.AUG.2021 10:28:44

10M, QPSK, Low Channel

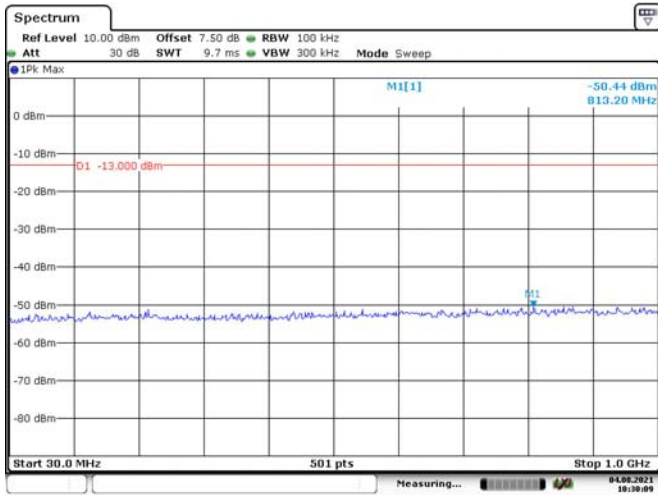


Date: 4.AUG.2021 10:29:18

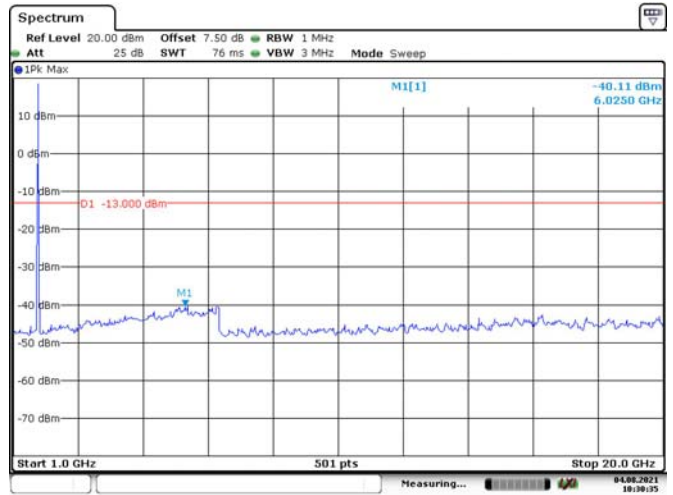


Date: 4.AUG.2021 10:29:40

10M, QPSK, Middle Channel

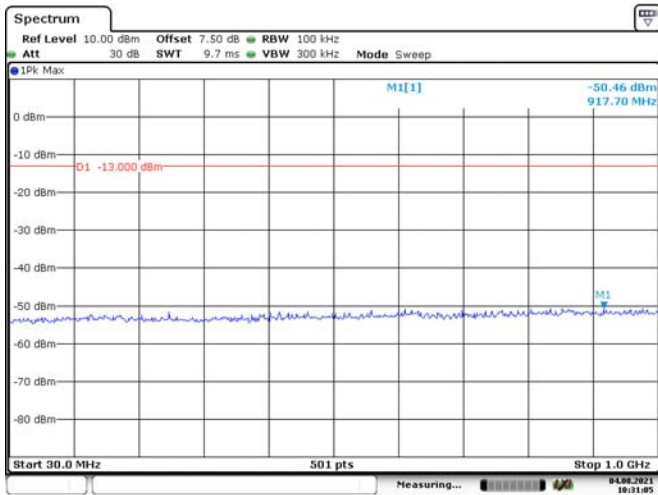


Date: 4.AUG.2021 10:30:10

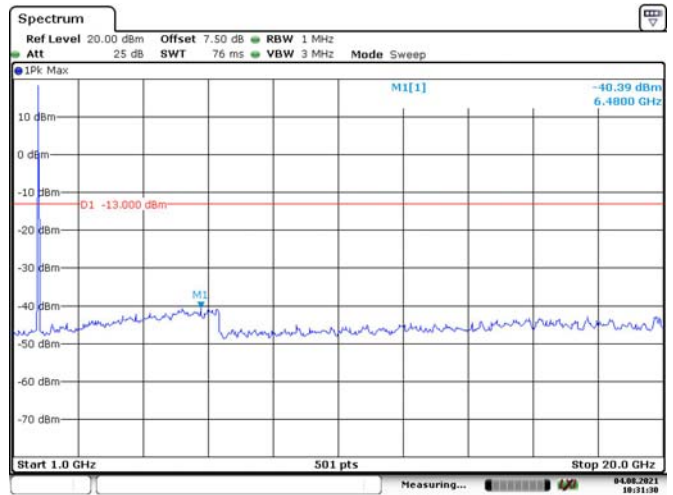


Date: 4.AUG.2021 10:30:35

10M, QPSK, High Channel

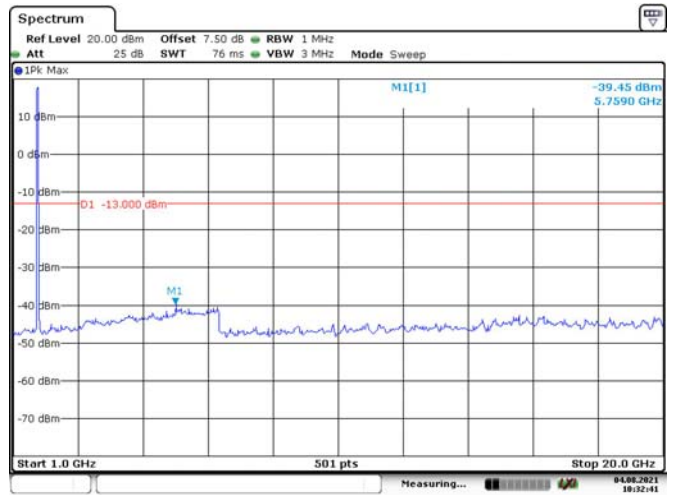
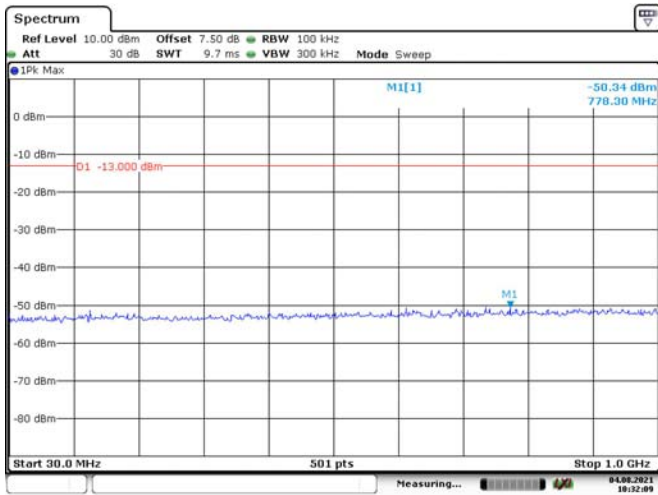


Date: 4.AUG.2021 10:31:05

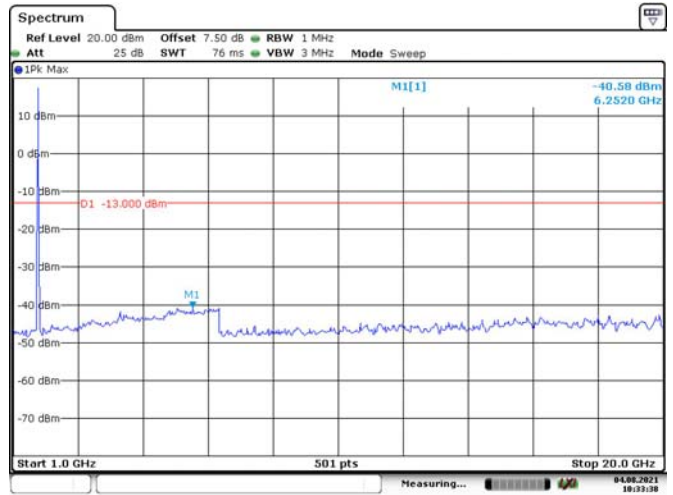
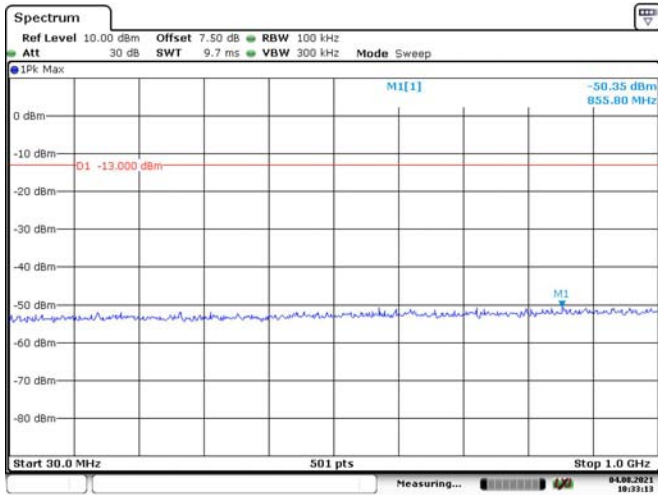


Date: 4.AUG.2021 10:31:30

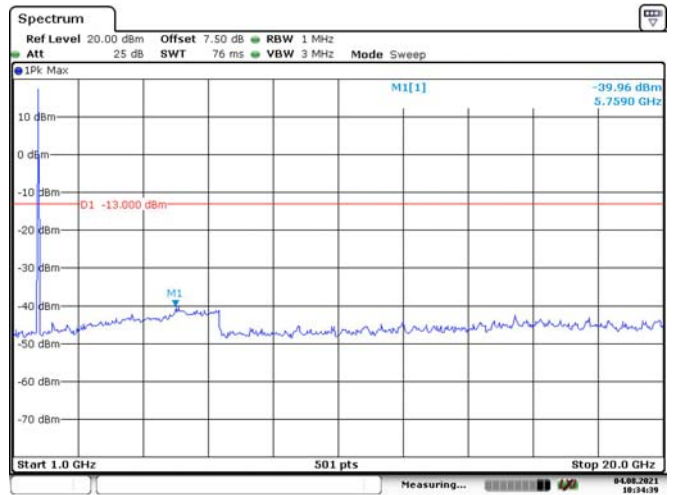
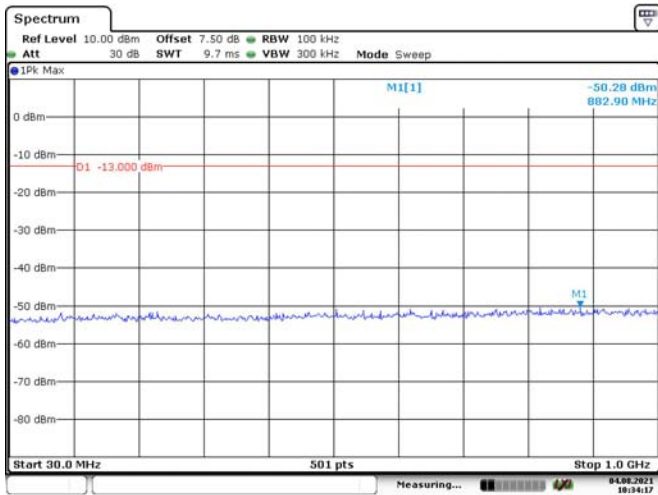
15M, QPSK, Low Channel



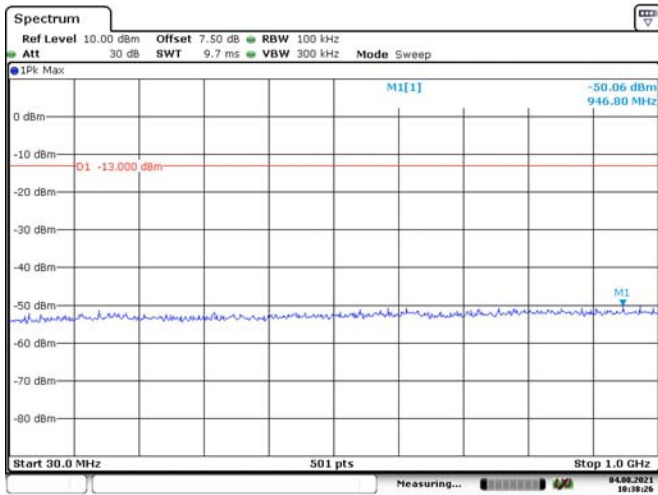
15M, QPSK, Middle Channel



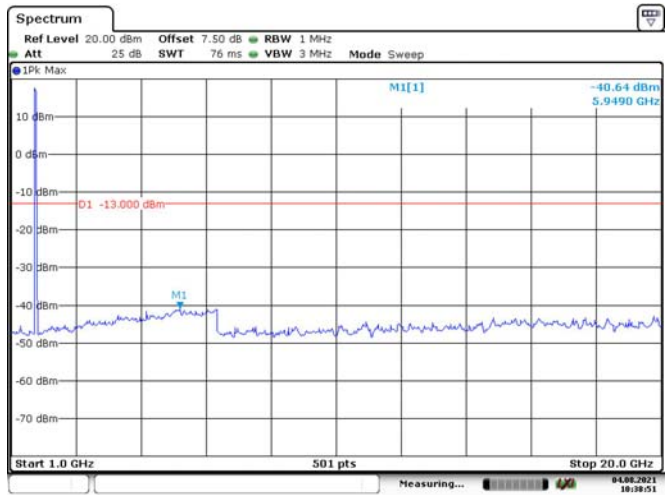
15M, QPSK, High Channel



20M, QPSK, Low Channel

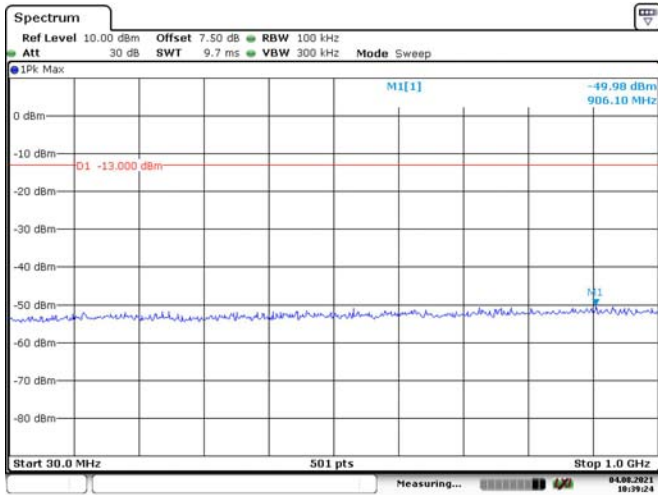


Date: 4.AUG.2021 10:38:27

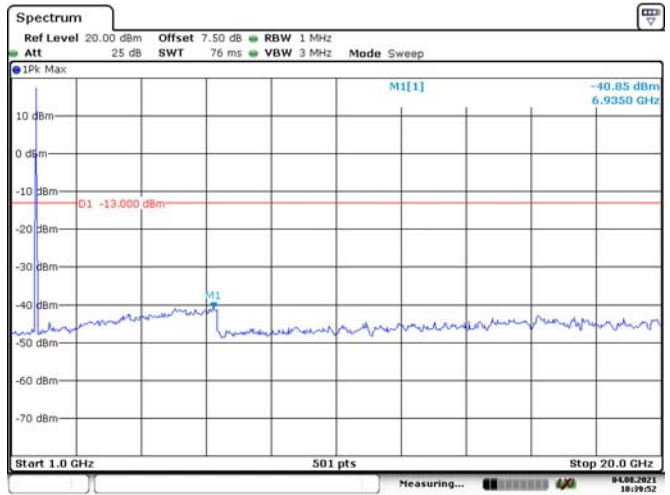


Date: 4.AUG.2021 10:38:52

20M, QPSK, Middle Channel

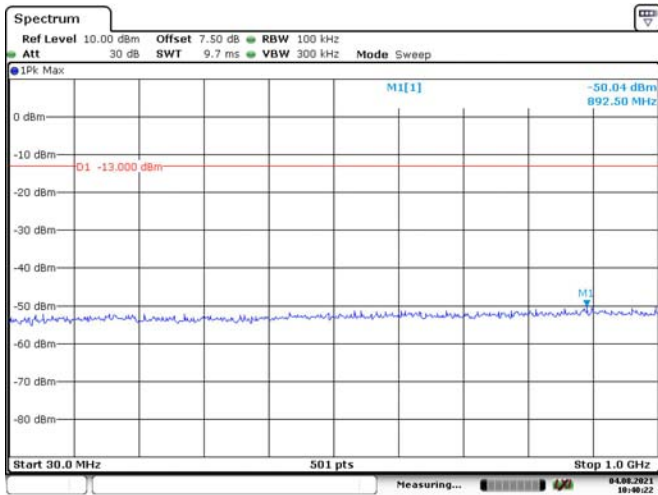


Date: 4.AUG.2021 10:39:25

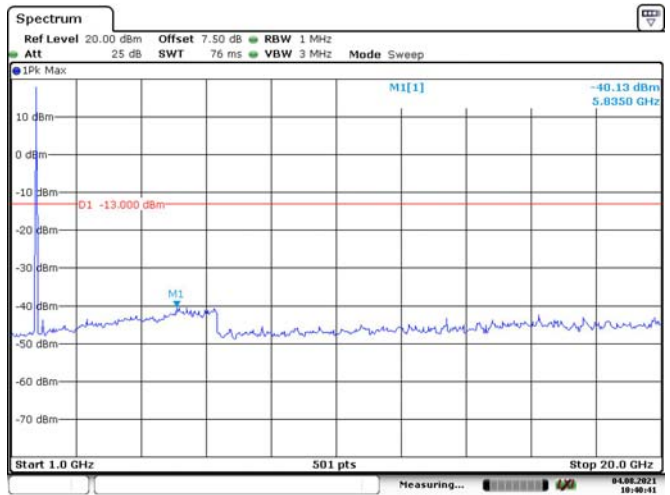


Date: 4.AUG.2021 10:39:53

20M, QPSK, High Channel



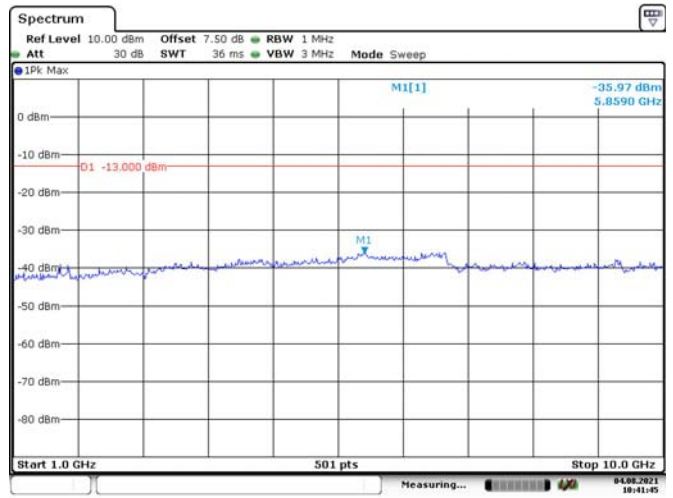
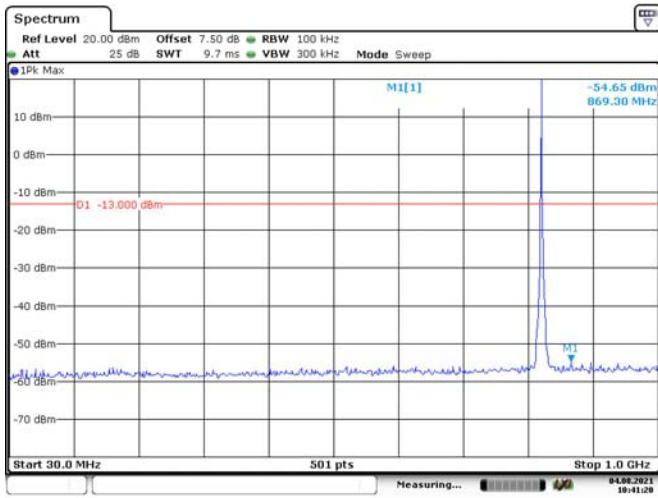
Date: 4.AUG.2021 10:40:22



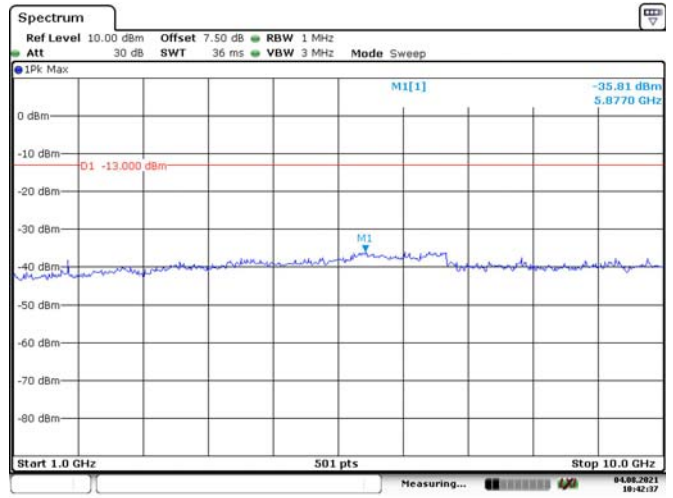
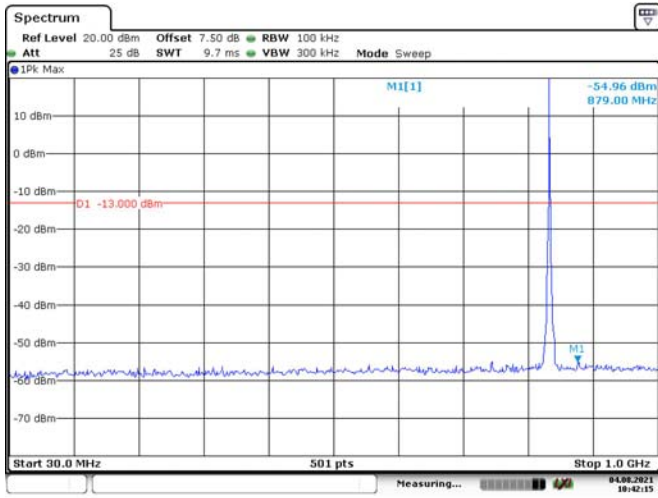
Date: 4.AUG.2021 10:40:41

LTE Band 5:

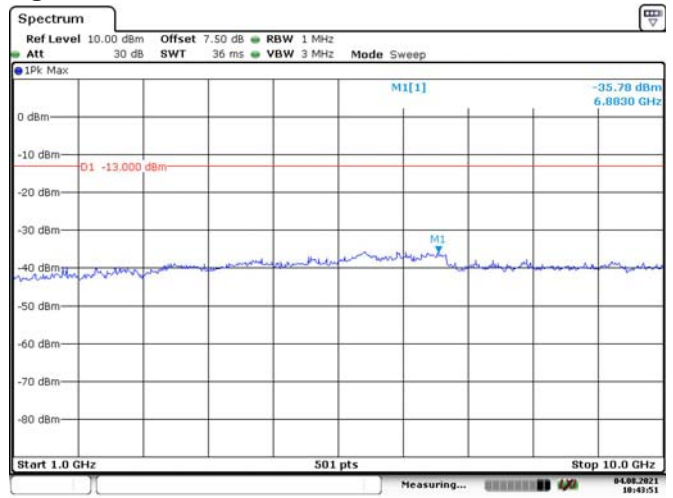
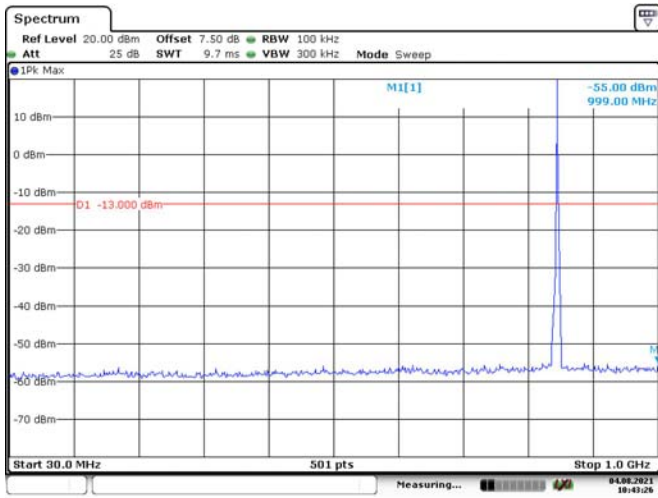
1.4M, QPSK, Low Channel



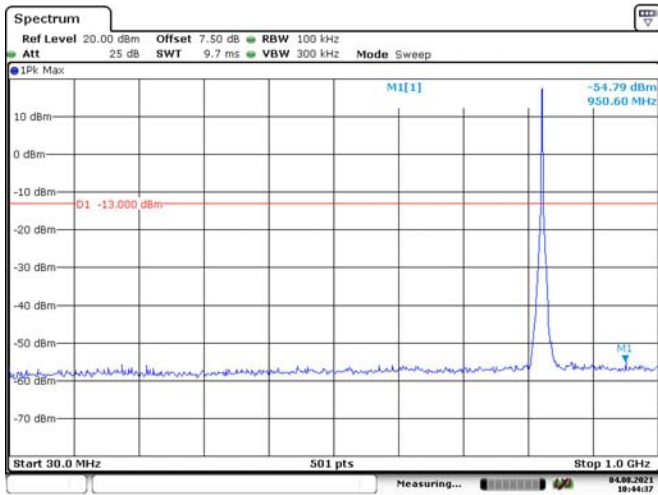
1.4M, QPSK, Middle Channel



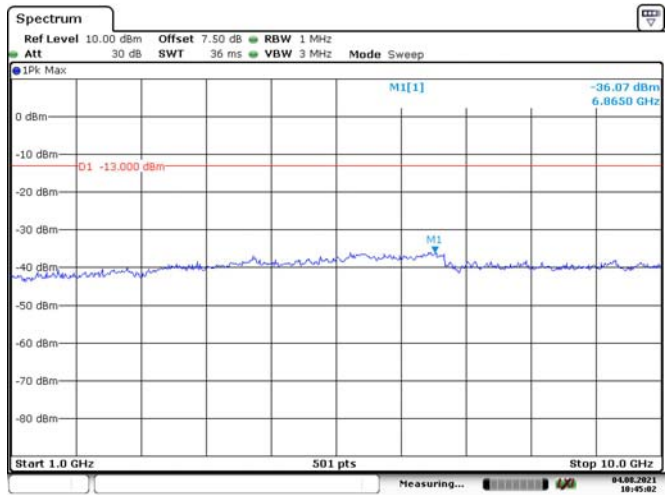
1.4M, QPSK, High Channel



3M, QPSK, Low Channel

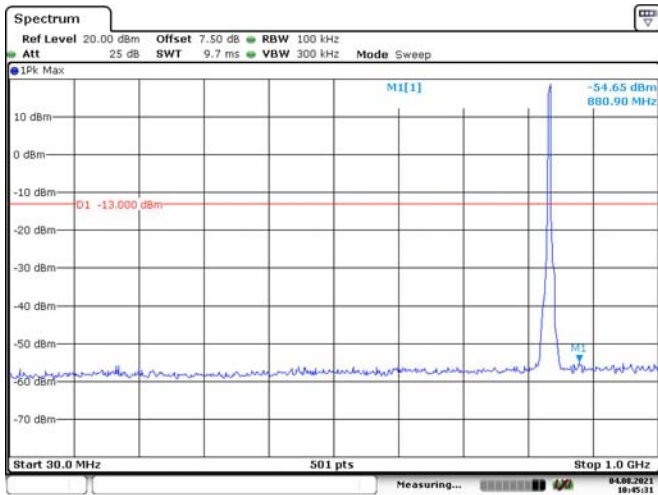


Date: 4.AUG.2021 10:44:38

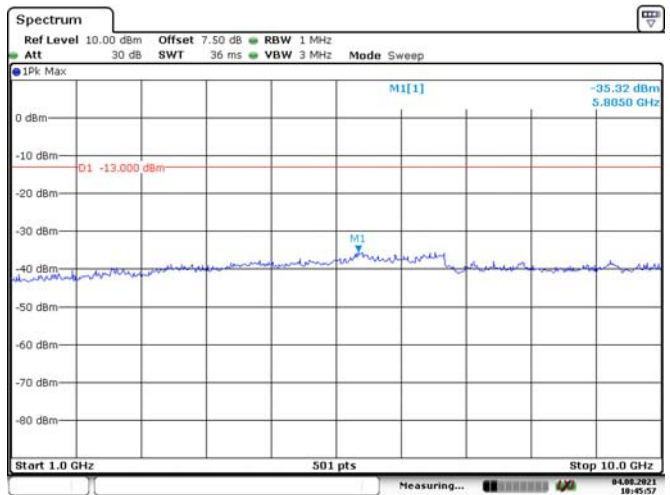


Date: 4.AUG.2021 10:45:03

3M, QPSK, Middle Channel

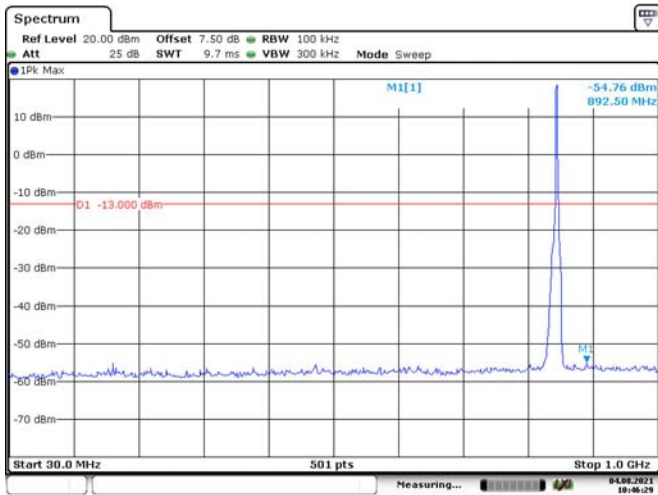


Date: 4.AUG.2021 10:45:32

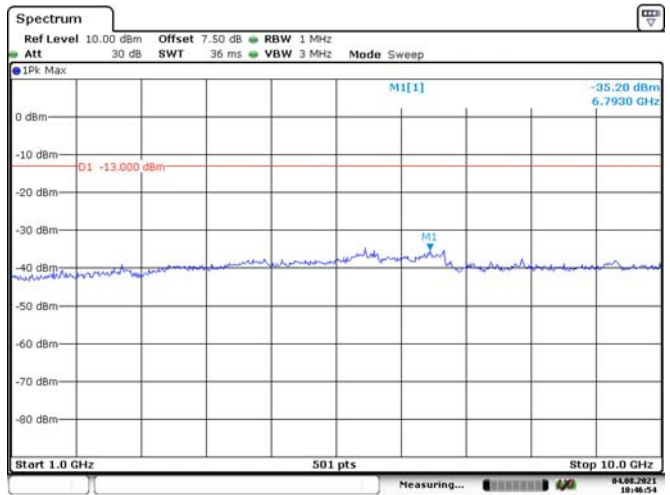


Date: 4.AUG.2021 10:45:57

3M, QPSK, High Channel

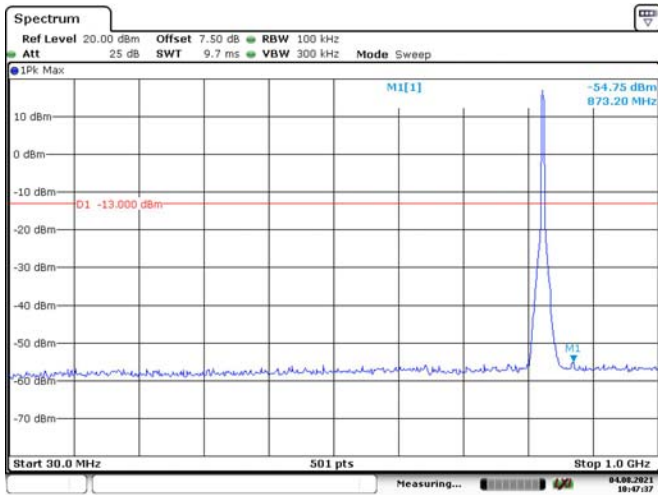


Date: 4.AUG.2021 10:46:29

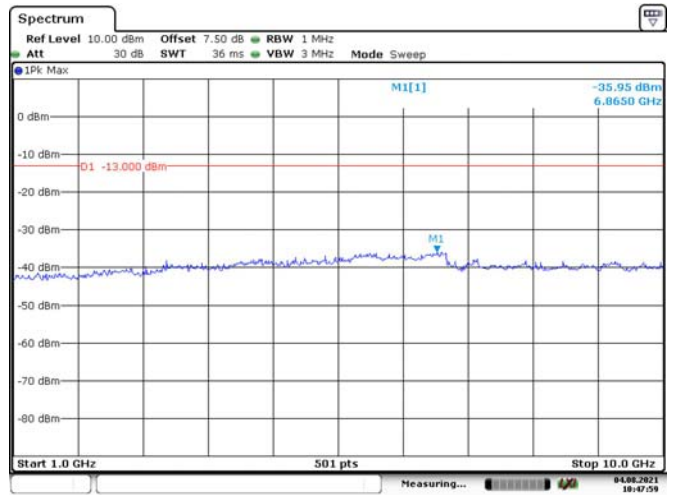


Date: 4.AUG.2021 10:46:55

5M, QPSK, Low Channel

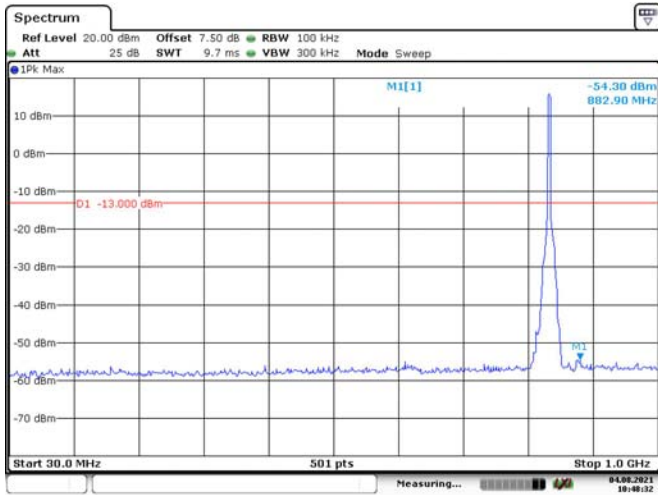


Date: 4.AUG.2021 10:47:38

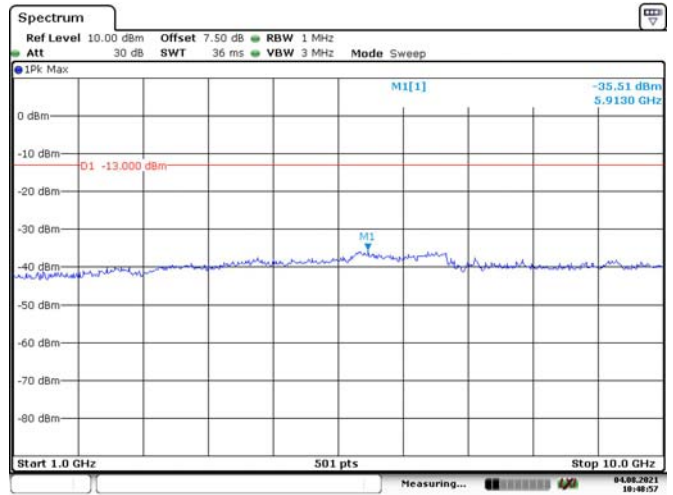


Date: 4.AUG.2021 10:48:00

5M, QPSK, Middle Channel

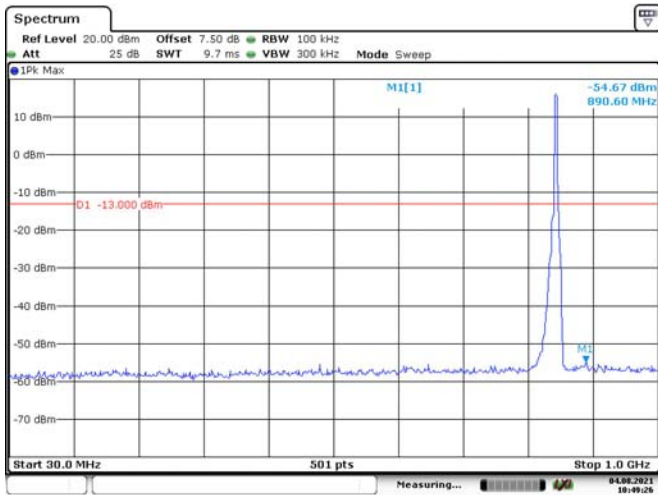


Date: 4.AUG.2021 10:48:32

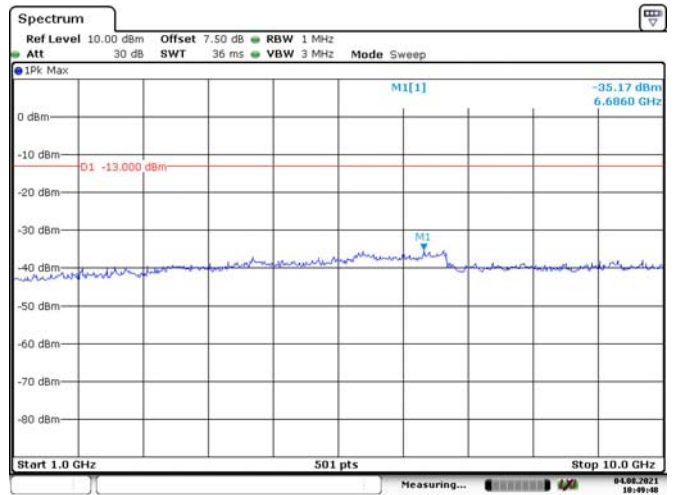


Date: 4.AUG.2021 10:48:57

5M, QPSK, High Channel

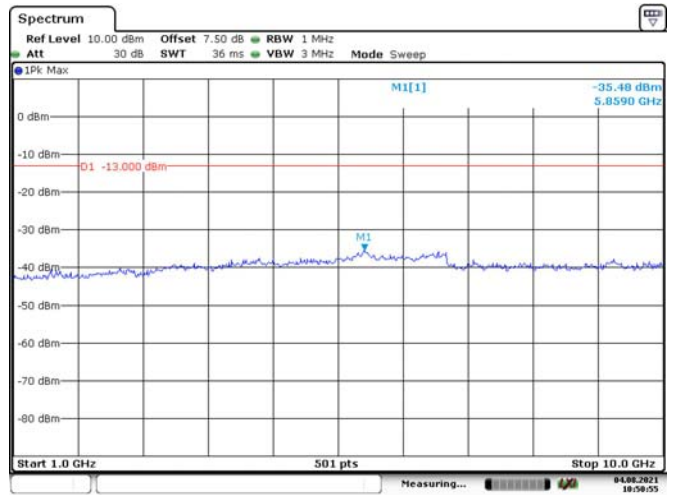
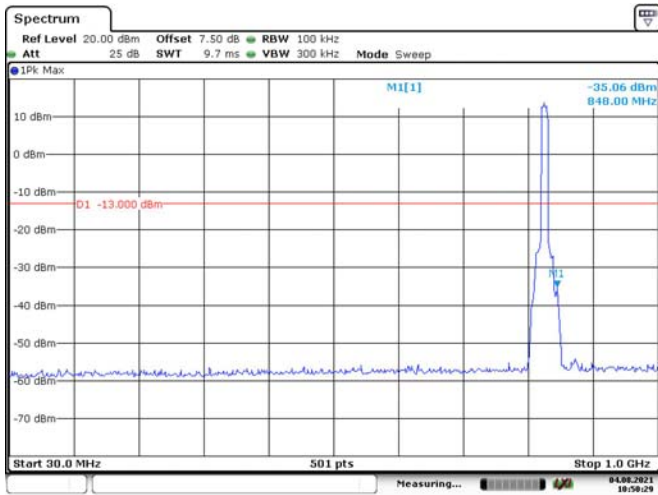


Date: 4.AUG.2021 10:49:26

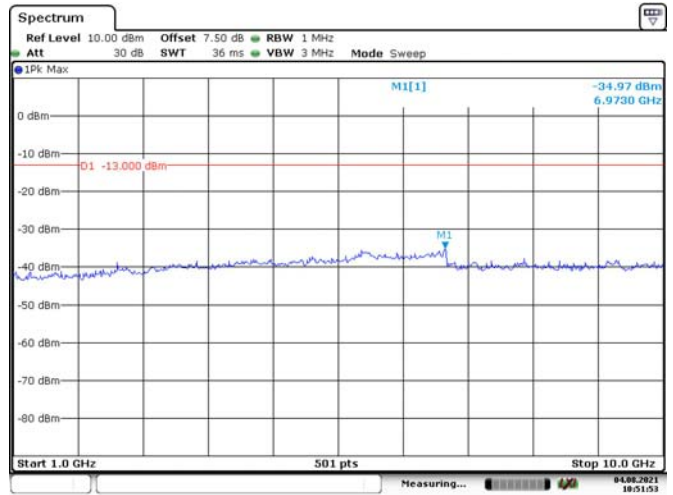
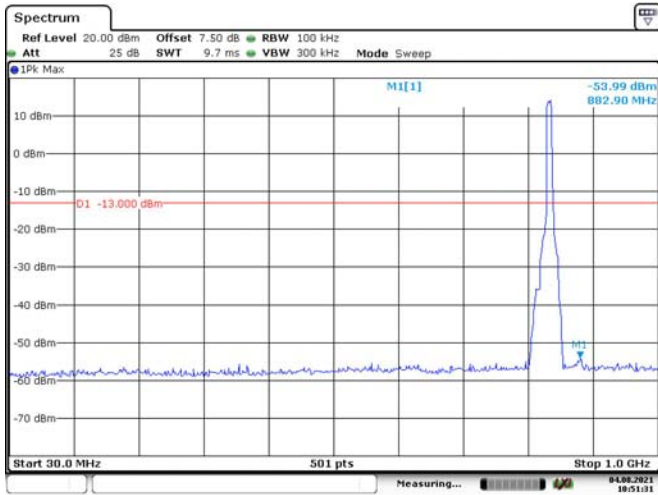


Date: 4.AUG.2021 10:49:48

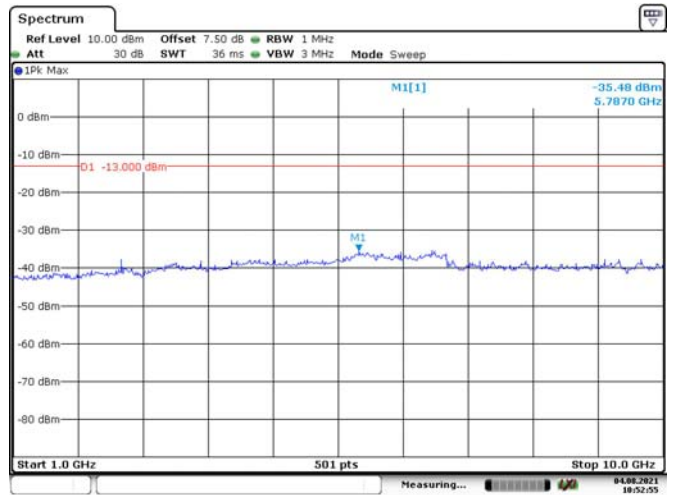
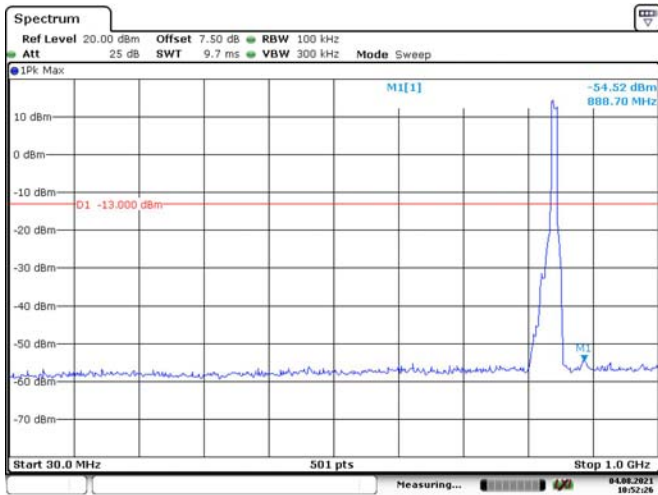
10M, QPSK, Low Channel



10M, QPSK, Middle Channel

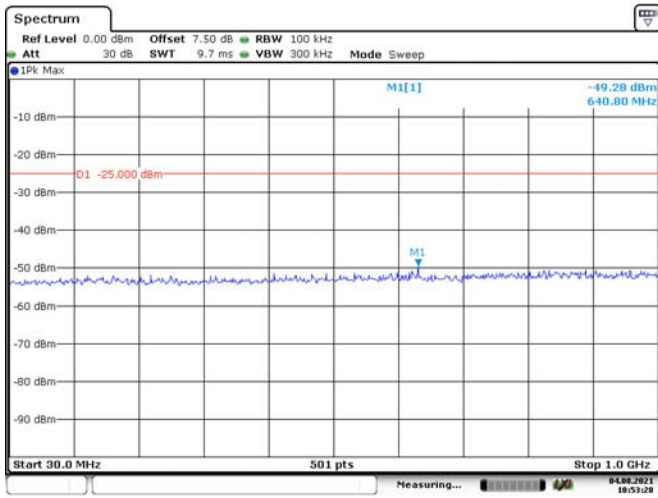


10M, QPSK, High Channel

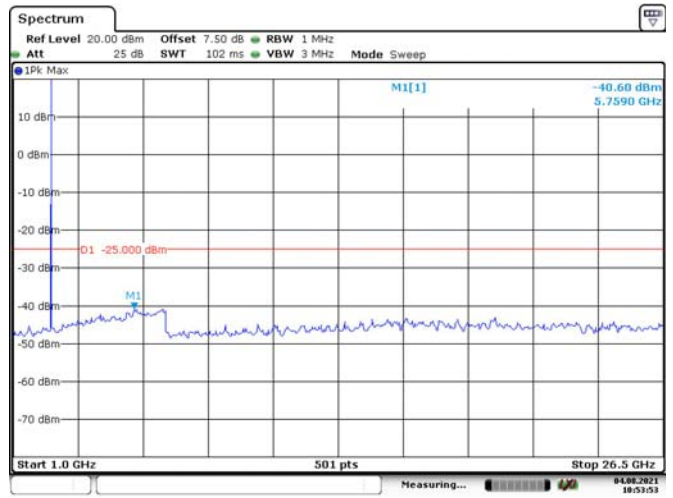


LTE Band 7:

5M, QPSK, Low Channel

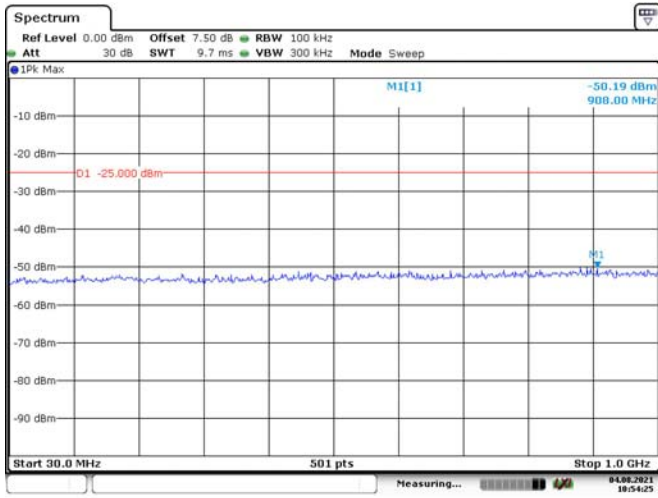


Date: 4.AUG.2021 10:53:28

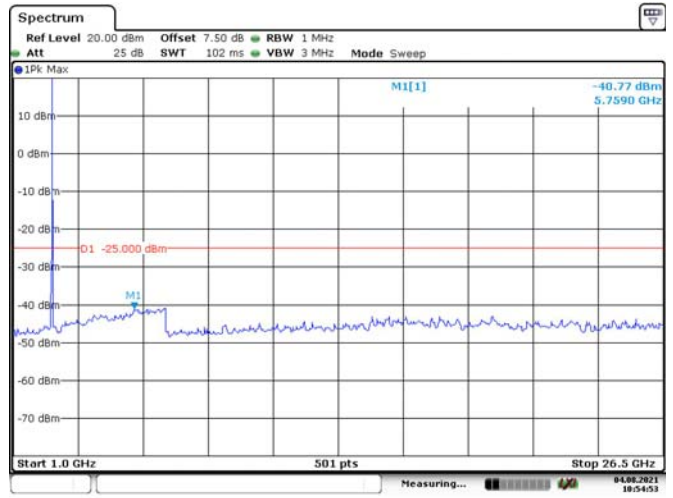


Date: 4.AUG.2021 10:53:54

5M, QPSK, Middle Channel

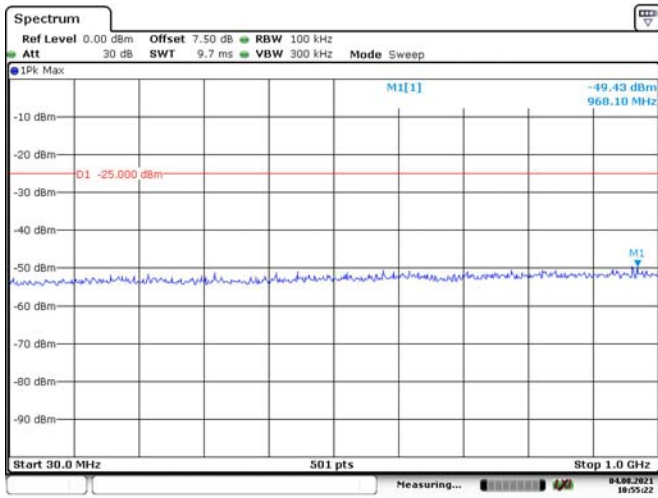


Date: 4.AUG.2021 10:54:26

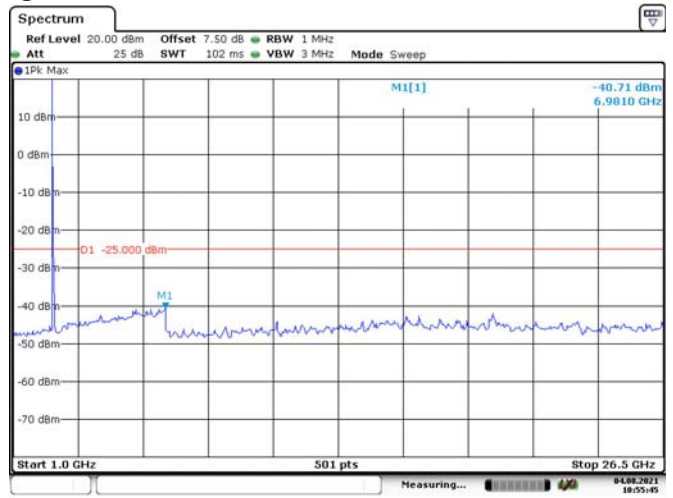


Date: 4.AUG.2021 10:54:54

5M, QPSK, High Channel

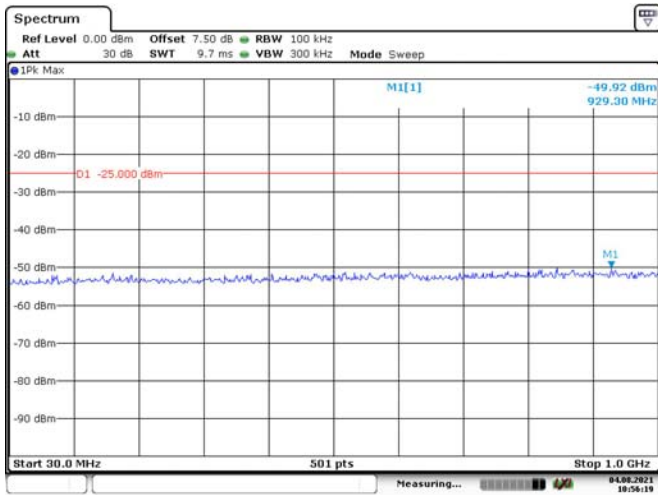


Date: 4.AUG.2021 10:55:23

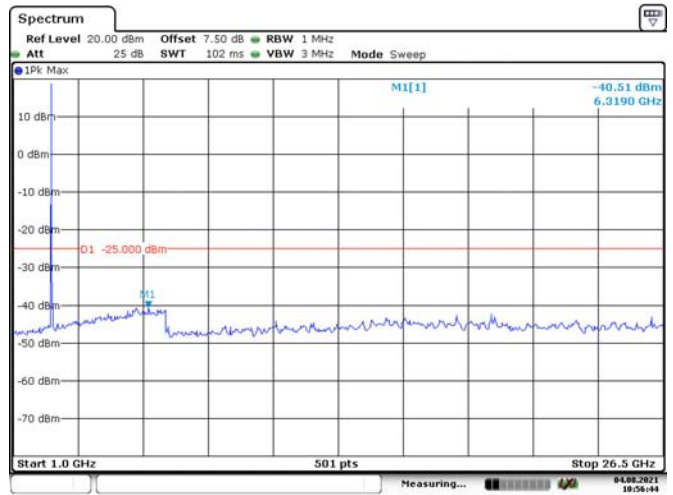


Date: 4.AUG.2021 10:55:45

10M, QPSK, Low Channel

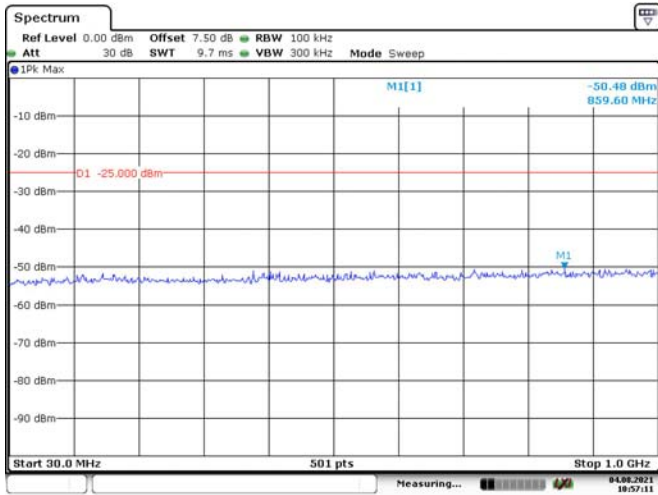


Date: 4.AUG.2021 10:56:19

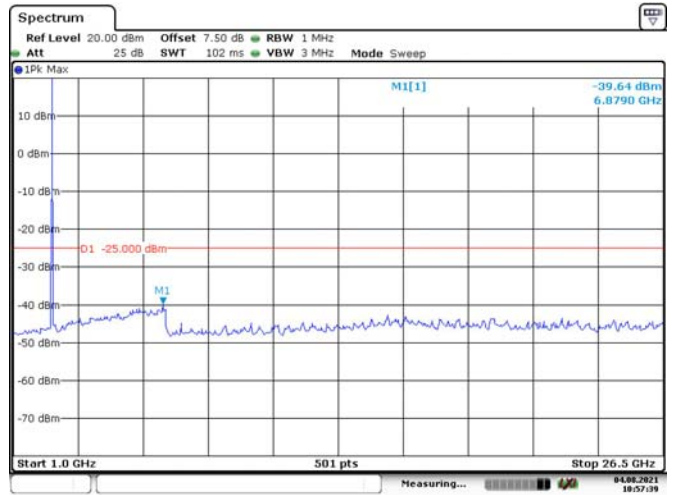


Date: 4.AUG.2021 10:56:45

10M, QPSK, Middle Channel

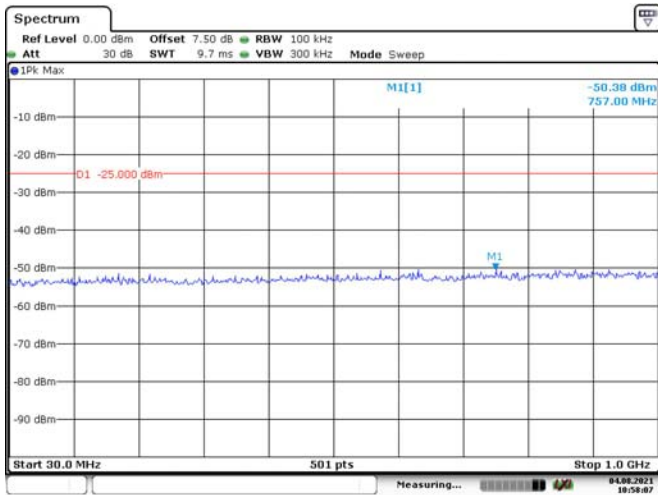


Date: 4.AUG.2021 10:57:12

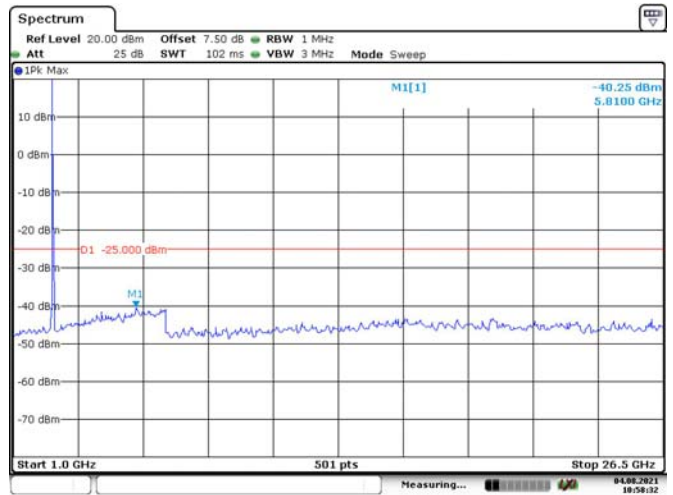


Date: 4.AUG.2021 10:57:40

10M, QPSK, High Channel

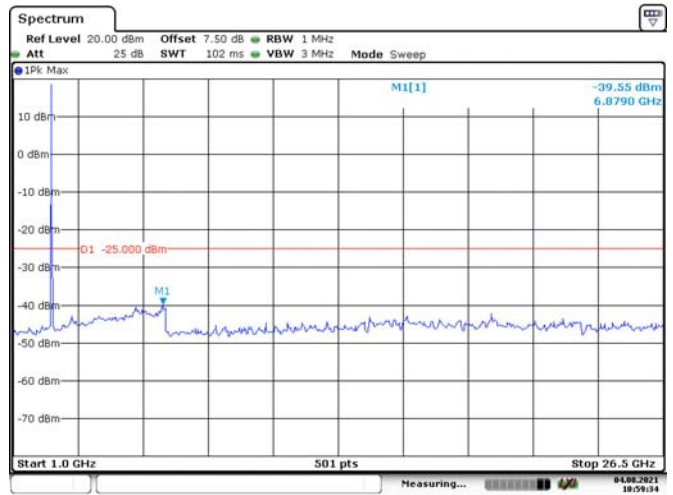
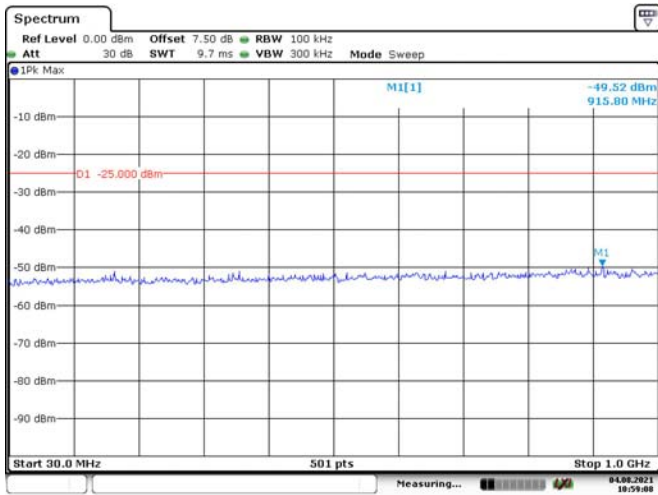


Date: 4.AUG.2021 10:58:07

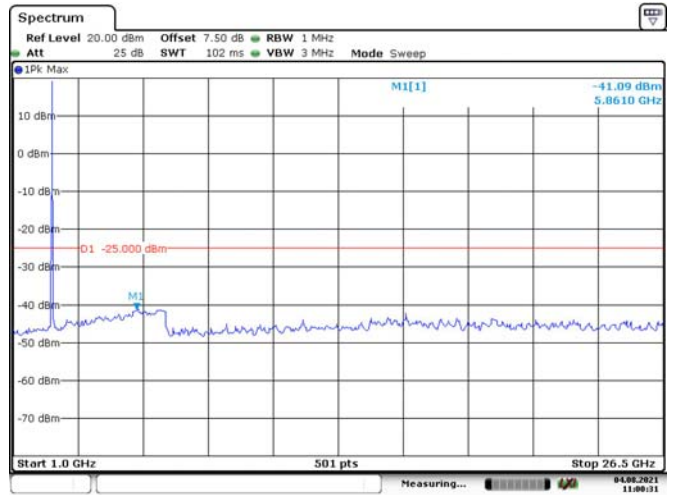
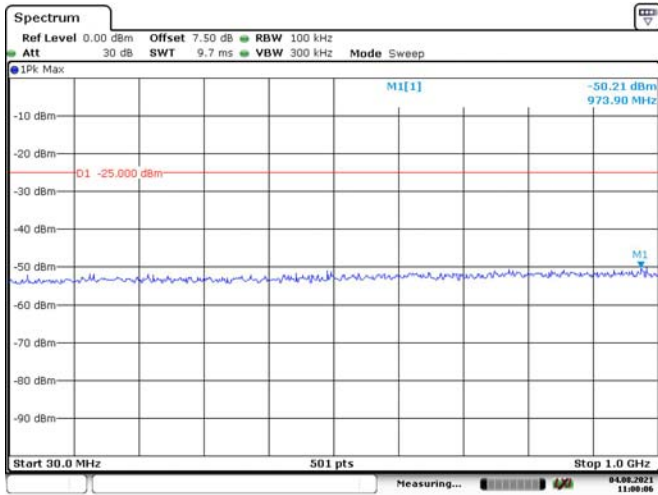


Date: 4.AUG.2021 10:58:32

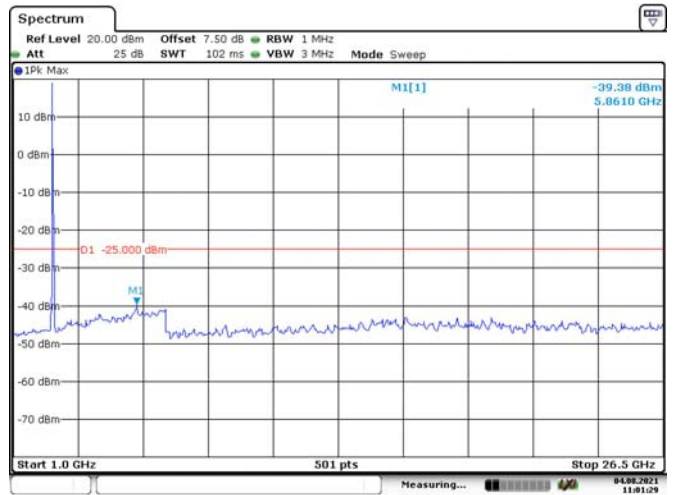
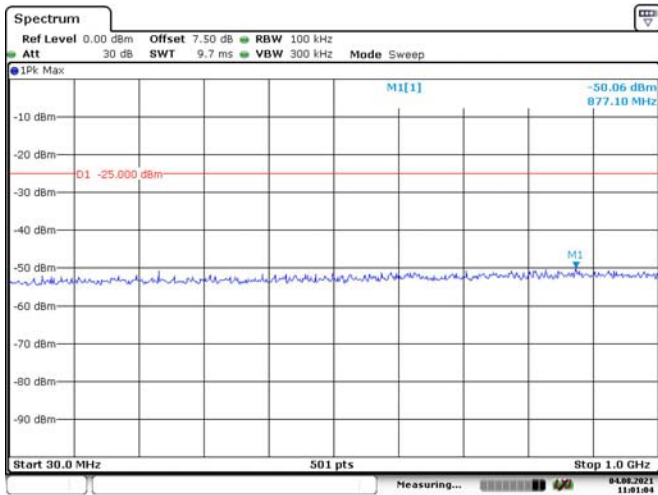
15M, QPSK, Low Channel



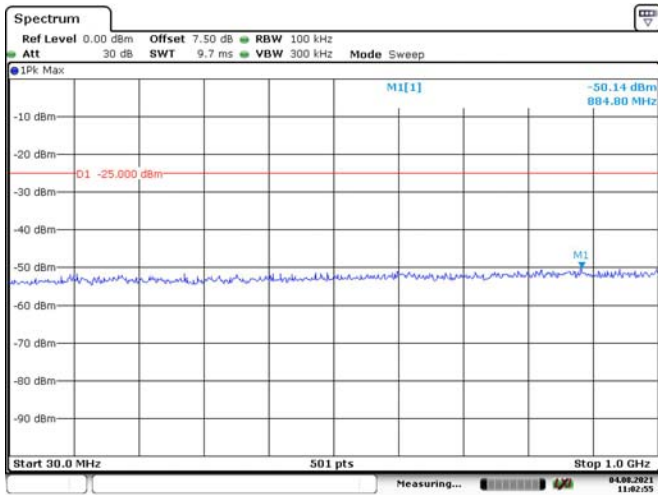
15M, QPSK, Middle Channel



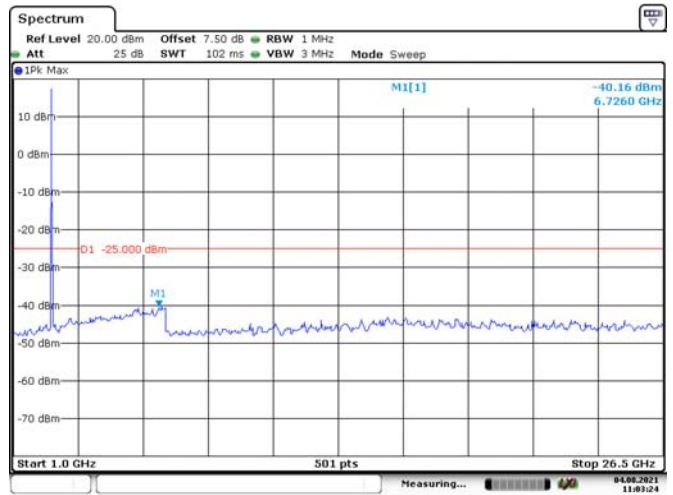
15M, QPSK, High Channel



20M, QPSK, Low Channel

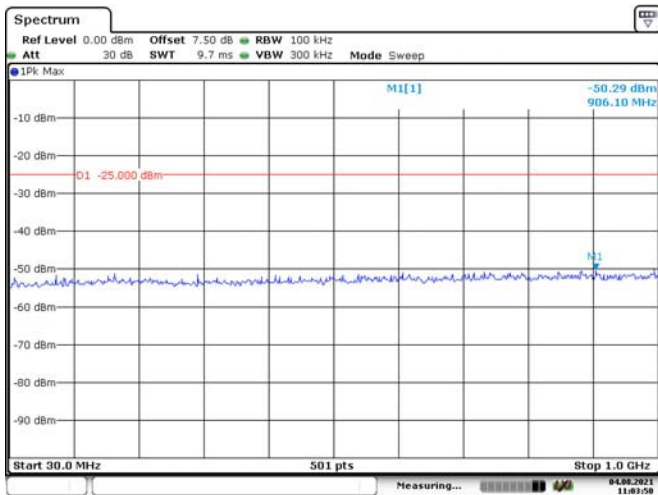


Date: 4.AUG.2021 11:02:56

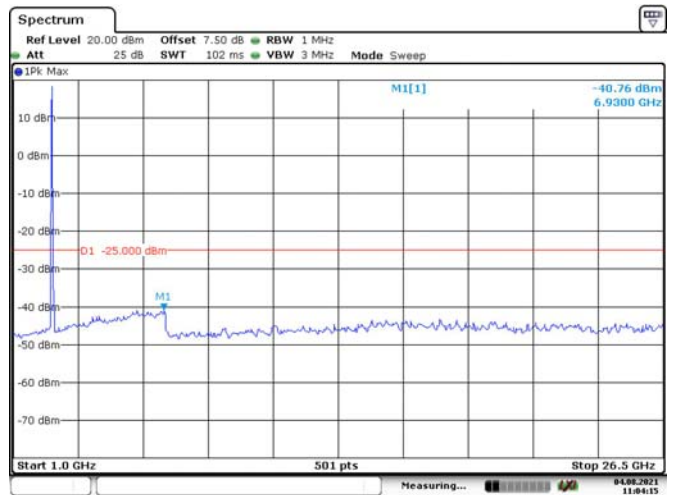


Date: 4.AUG.2021 11:03:24

20M, QPSK, Middle Channel

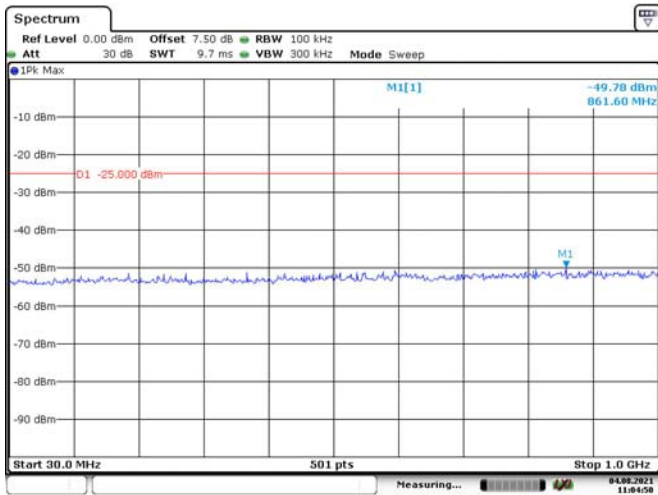


Date: 4.AUG.2021 11:03:50

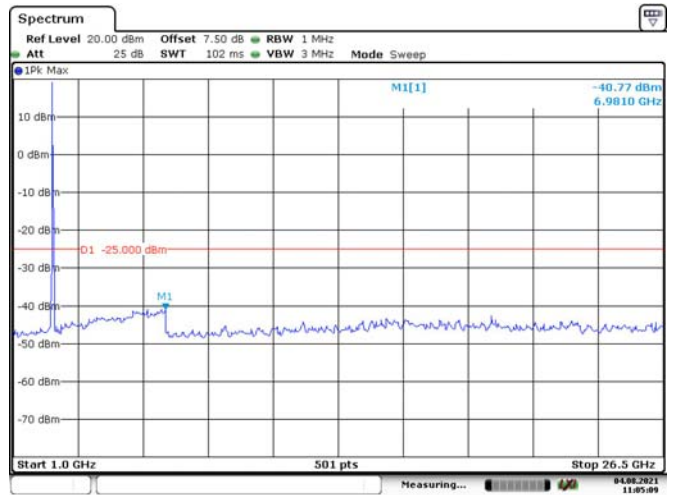


Date: 4.AUG.2021 11:04:16

20M, QPSK, High Channel



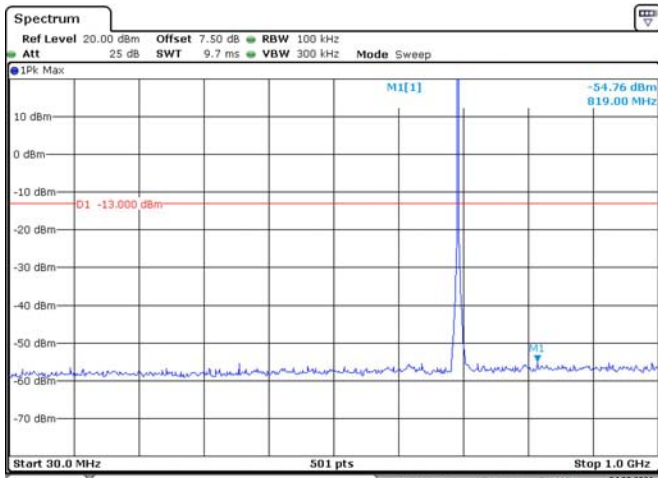
Date: 4.AUG.2021 11:04:51



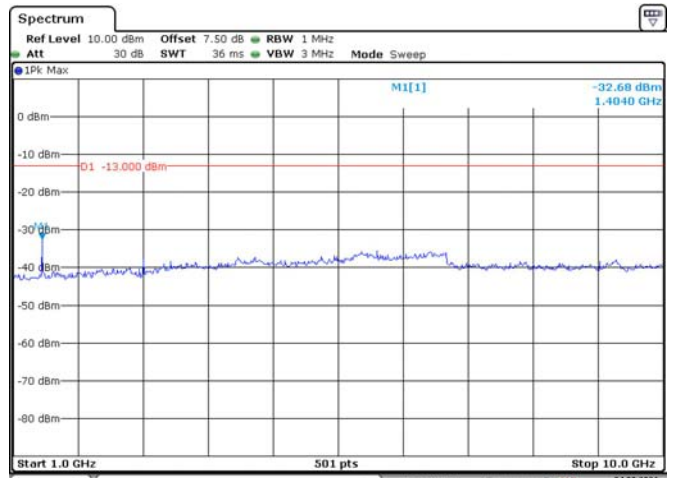
Date: 4.AUG.2021 11:05:10

LTE Band 12:

1.4M, QPSK, Low Channel

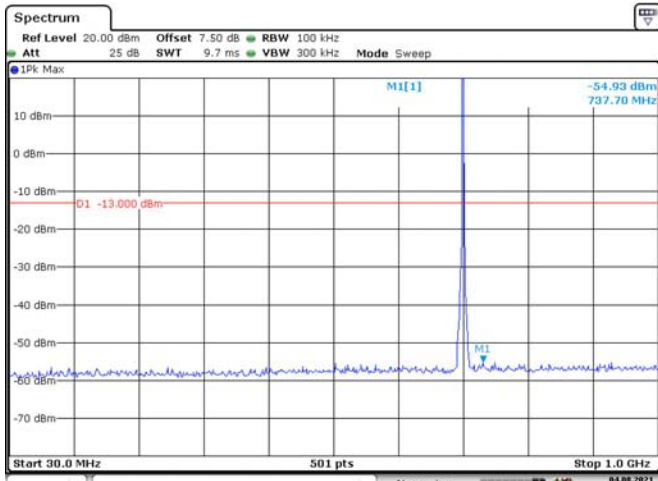


Date: 4.AUG.2021 11:05:56

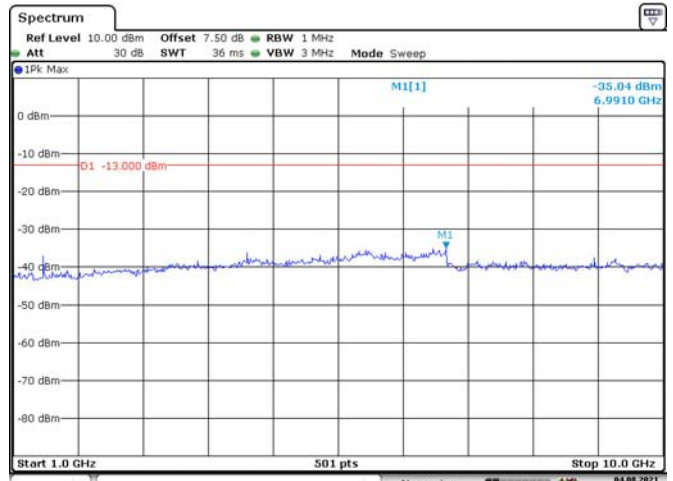


Date: 4.AUG.2021 11:06:24

1.4M, QPSK, Middle Channel

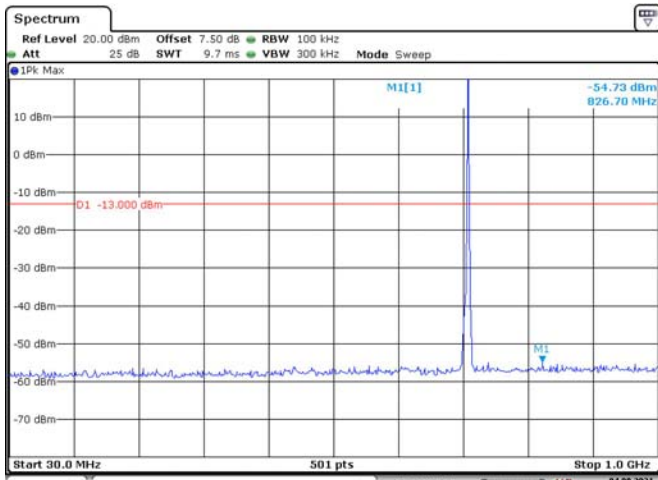


Date: 4.AUG.2021 11:06:54

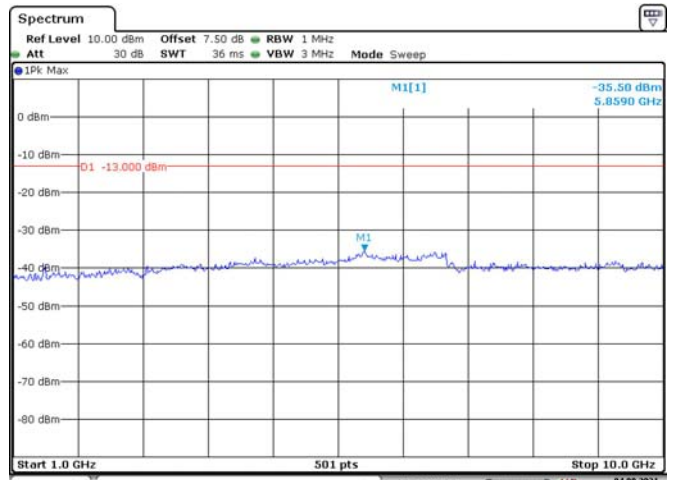


Date: 4.AUG.2021 11:07:16

1.4M, QPSK, High Channel



Date: 4.AUG.2021 11:07:45



Date: 4.AUG.2021 11:08:10