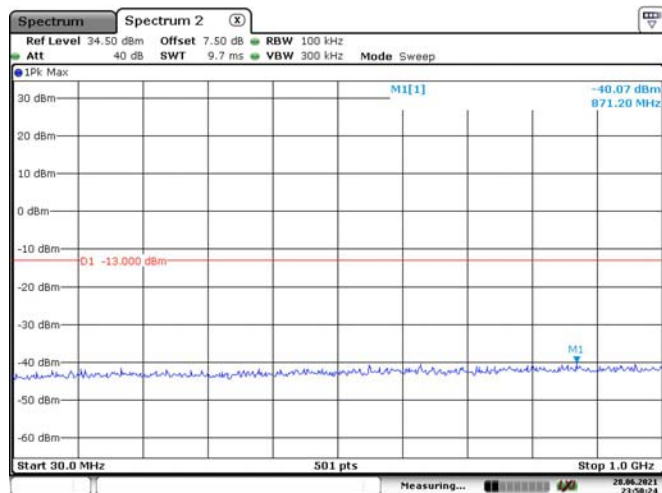
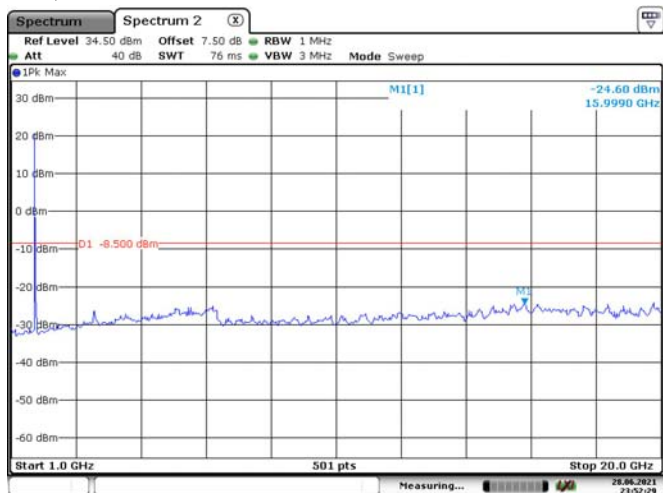


WCDMA Band IV, R99, Low Channel

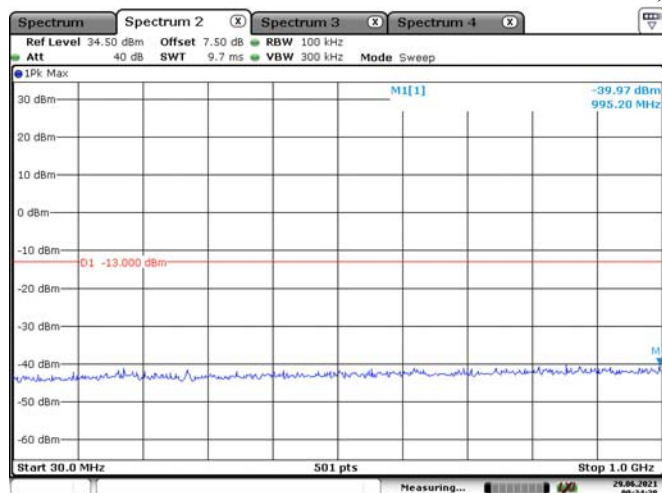


Date: 28.JUN.2021 23:50:25

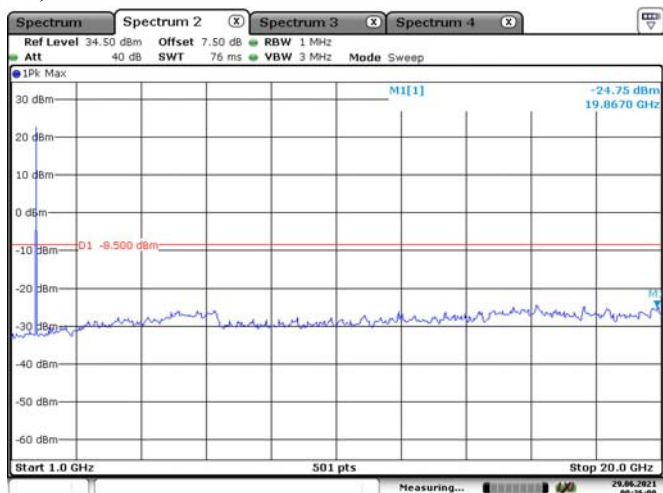


Date: 28.JUN.2021 23:52:29

WCDMA Band IV, R99, Middle Channel

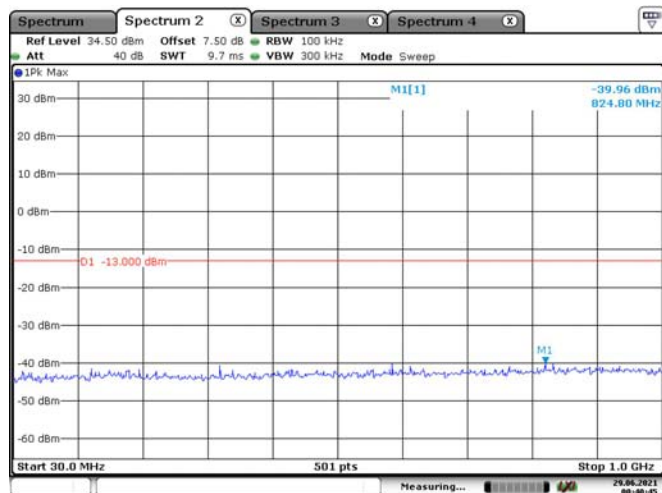


Date: 29.JUN.2021 00:34:39

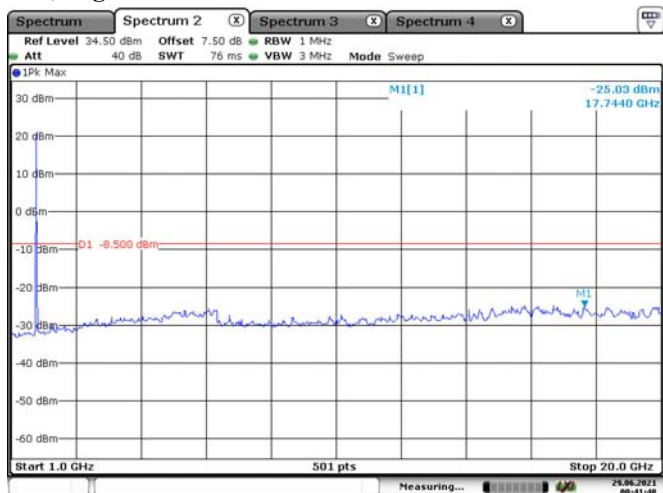


Date: 29.JUN.2021 00:36:00

WCDMA Band IV, R99, High Channel

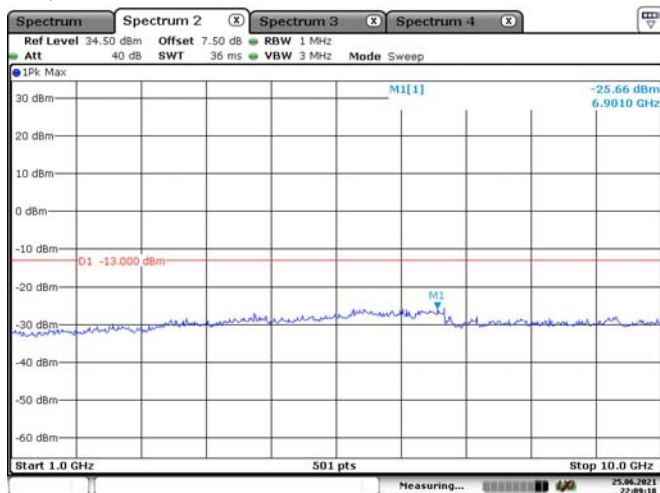
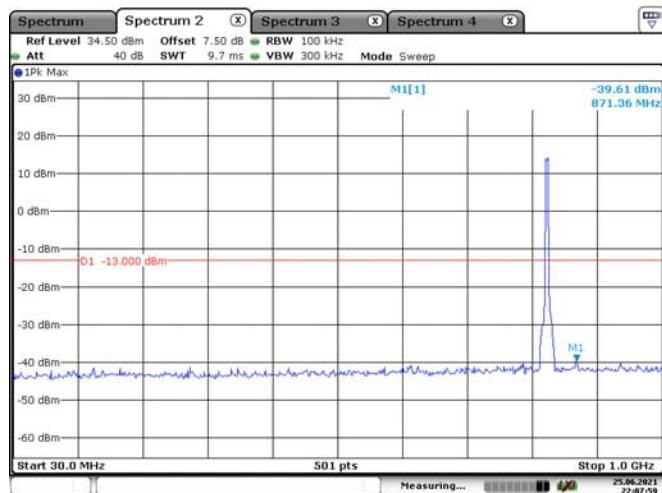


Date: 29.JUN.2021 00:40:46

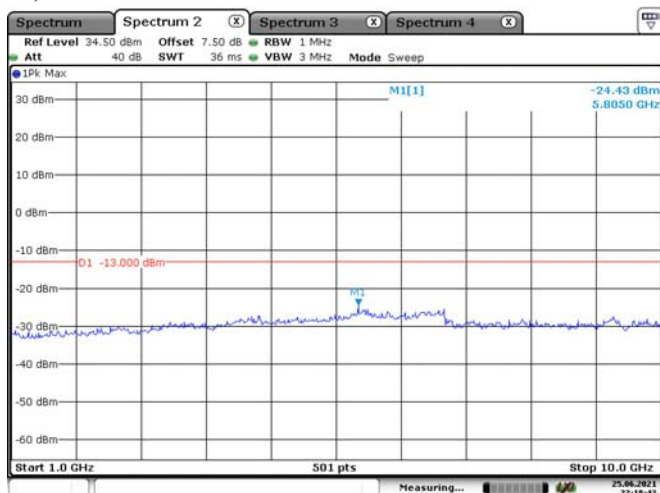
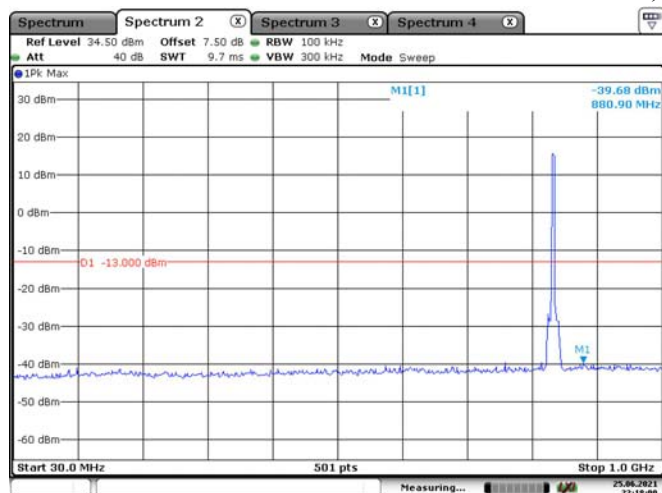


Date: 29.JUN.2021 00:41:48

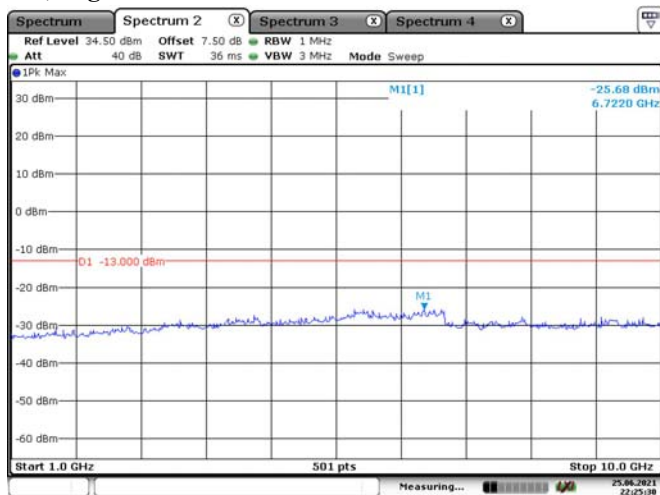
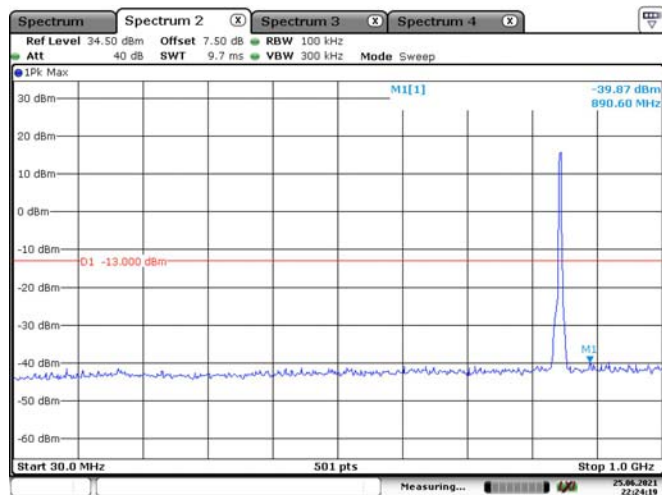
WCDMA Band V, R99, Low Channel



WCDMA Band V, R99, Middle Channel

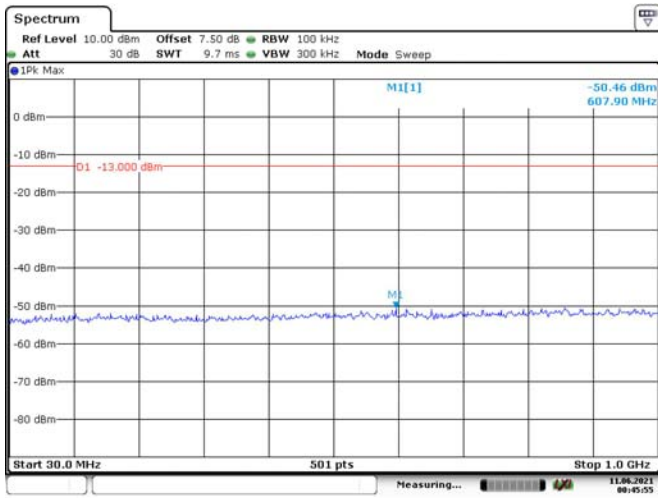


WCDMA Band V, R99, High Channel

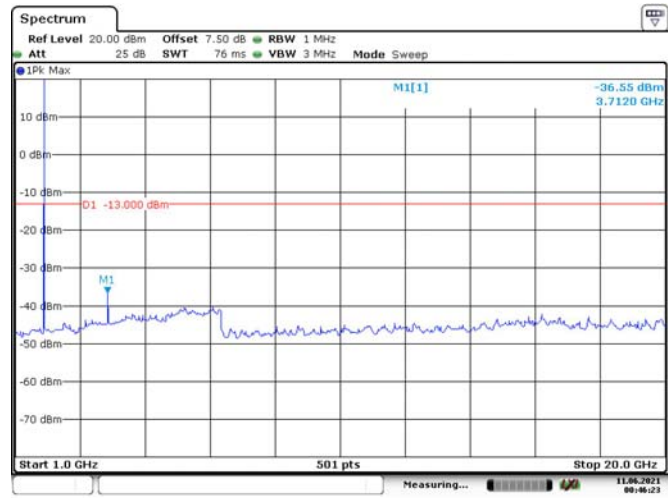


LTE Band 2:

1.4M, QPSK, Low Channel

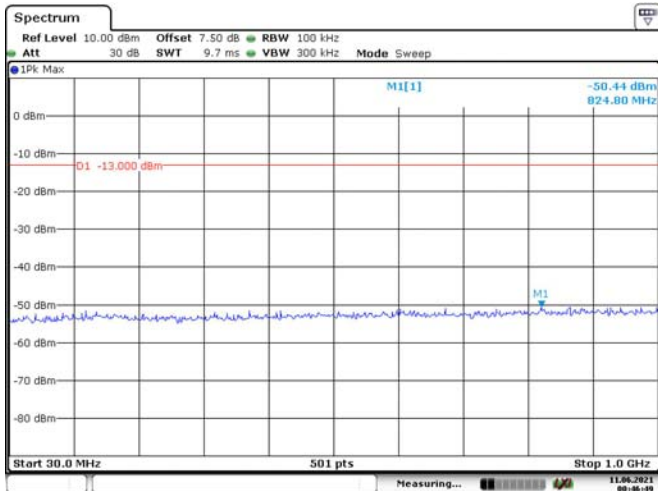


Date: 11.JUN.2021 00:45:54

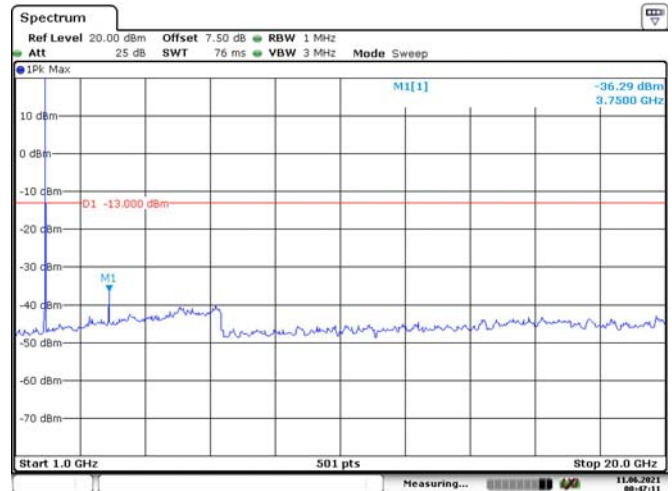


Date: 11.JUN.2021 00:46:23

1.4M, QPSK, Middle Channel

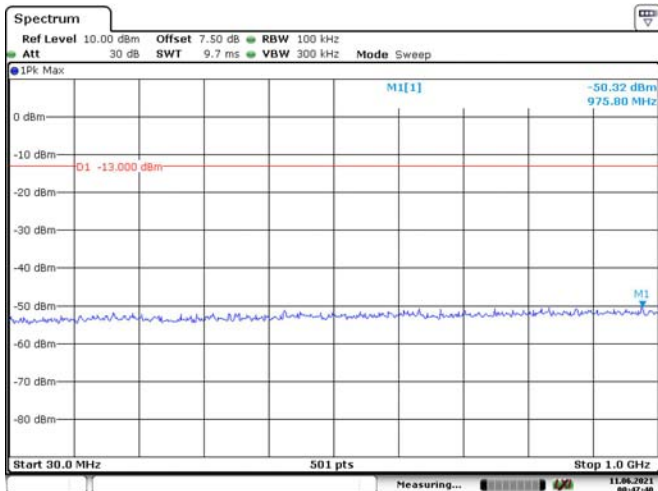


Date: 11.JUN.2021 00:46:49

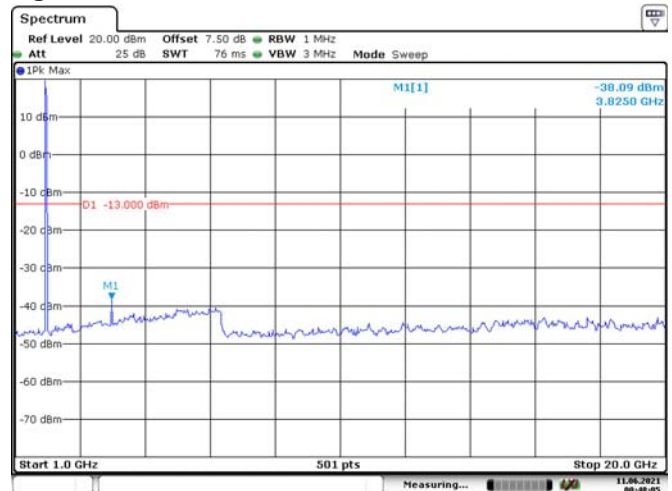


Date: 11.JUN.2021 00:47:11

1.4M, QPSK, High Channel

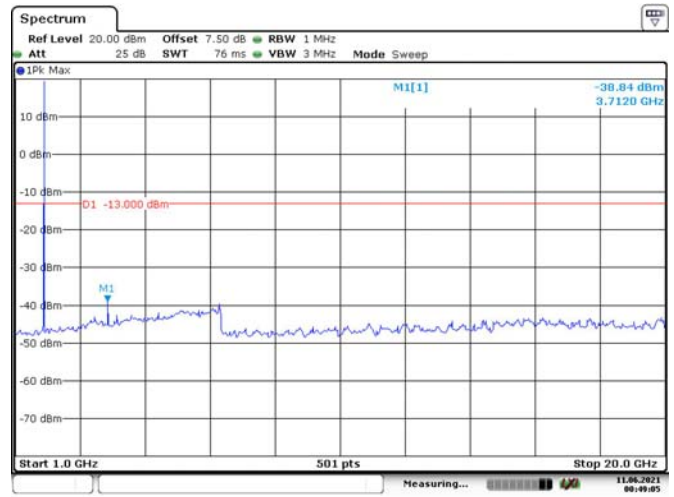
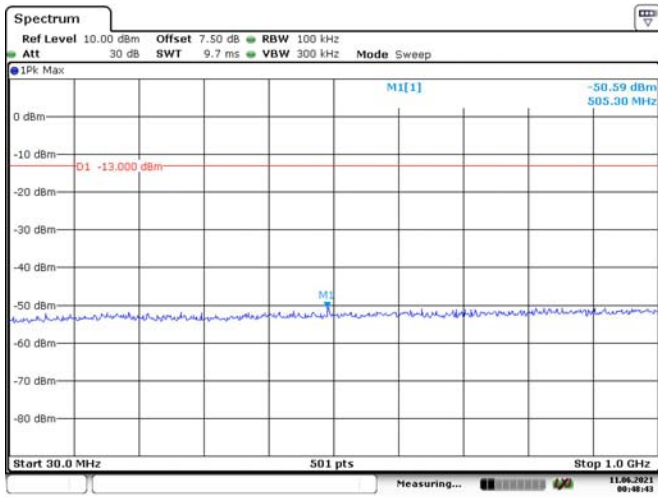


Date: 11.JUN.2021 00:47:40

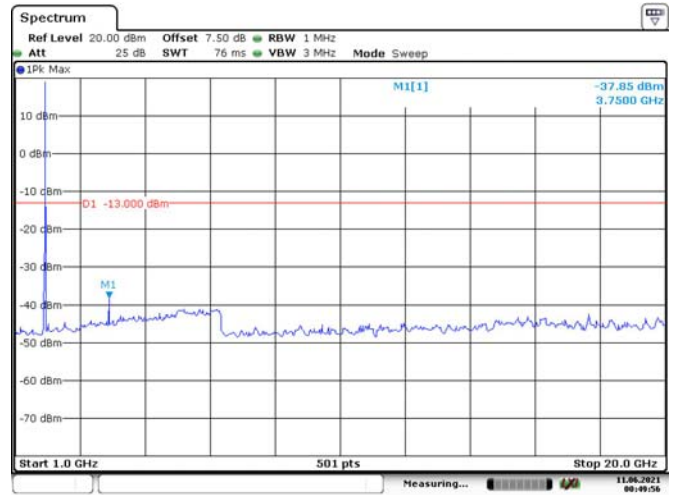
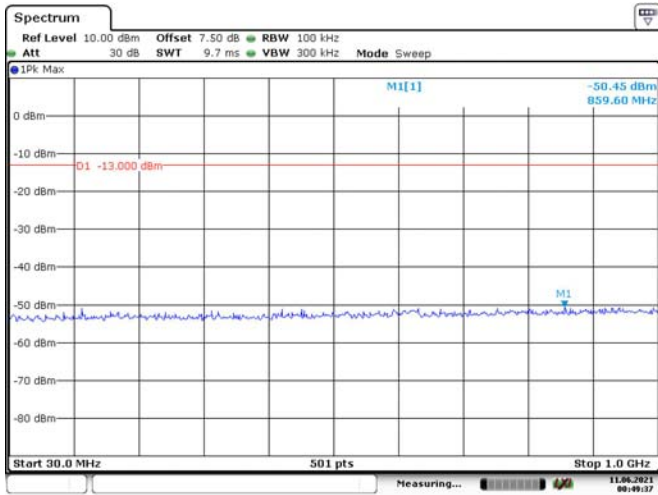


Date: 11.JUN.2021 00:48:05

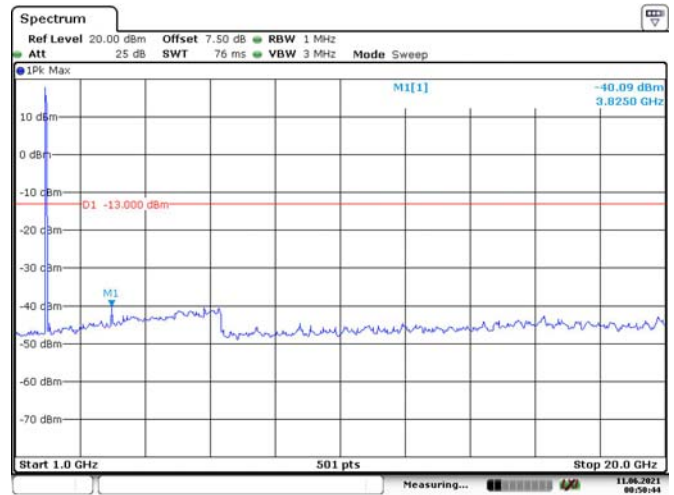
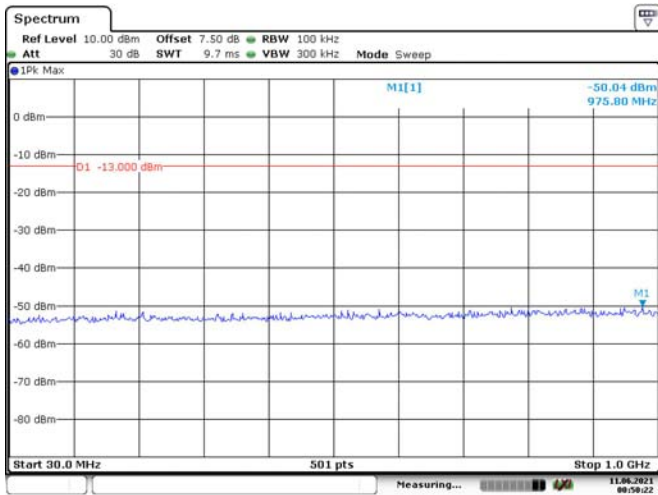
3M, QPSK, Low Channel



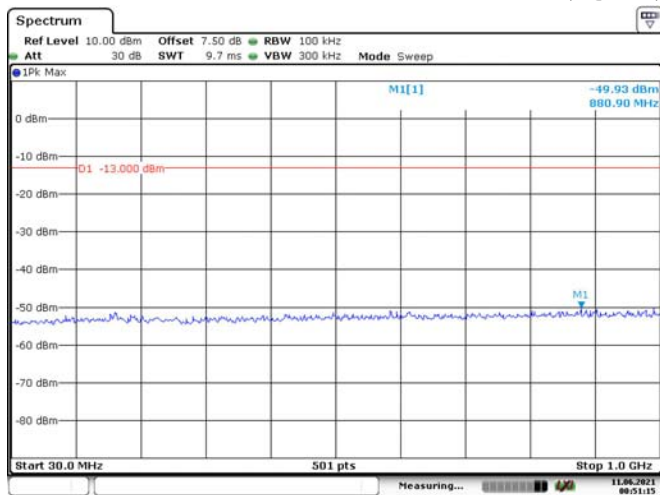
3M, QPSK, Middle Channel



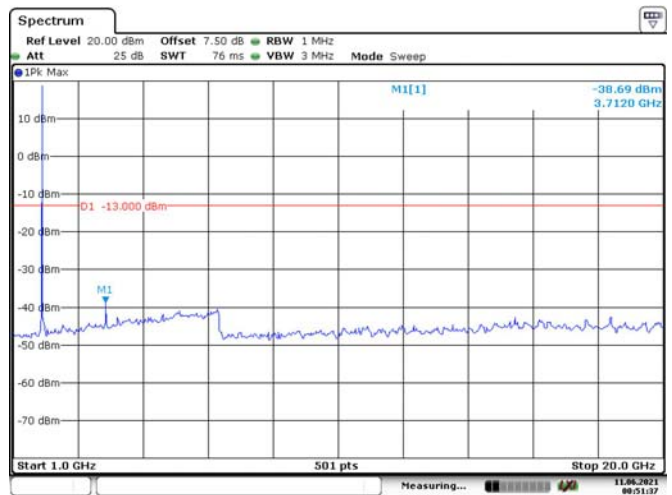
3M, QPSK, High Channel



5M, QPSK, Low Channel

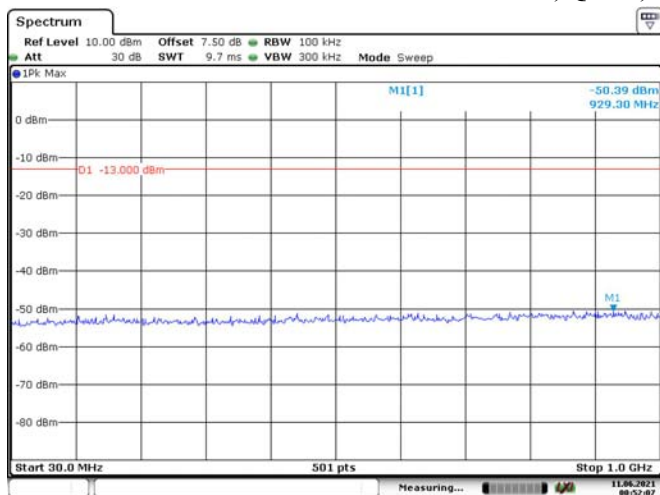


Date: 11.JUN.2021 00:51:15

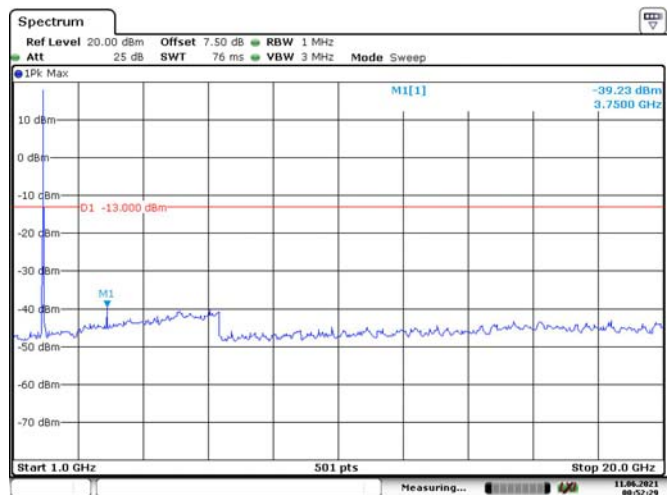


Date: 11.JUN.2021 00:51:37

5M, QPSK, Middle Channel

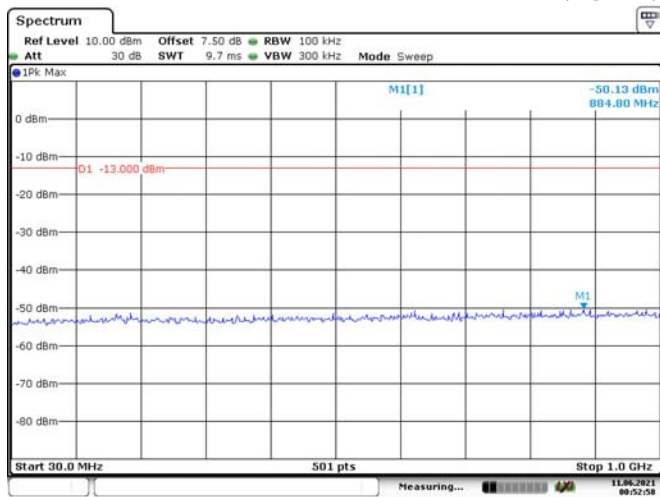


Date: 11.JUN.2021 00:52:06

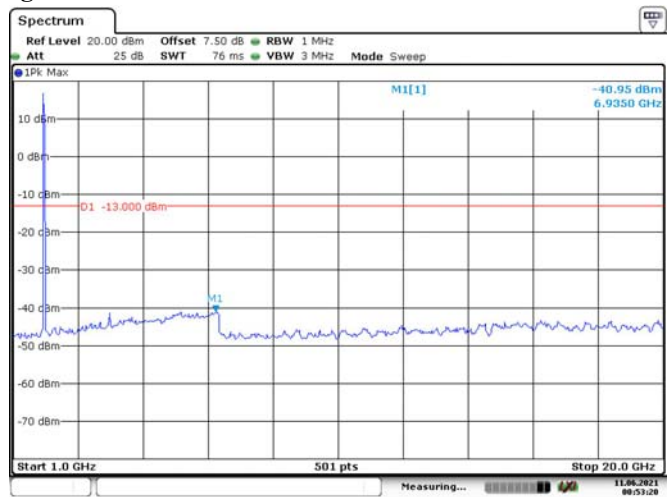


Date: 11.JUN.2021 00:52:29

5M, QPSK, High Channel

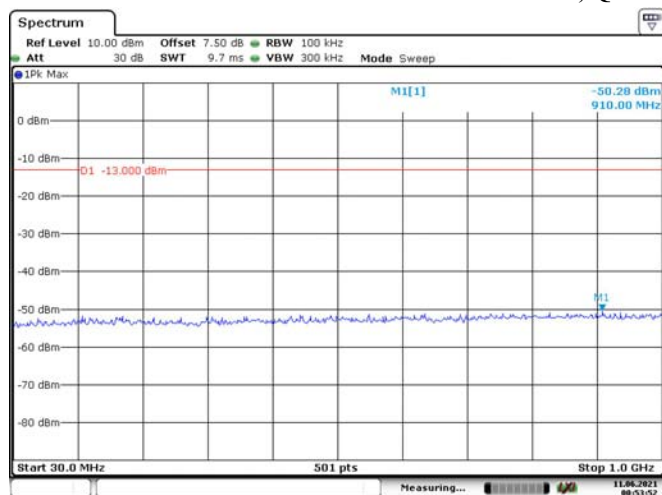


Date: 11.JUN.2021 00:52:58

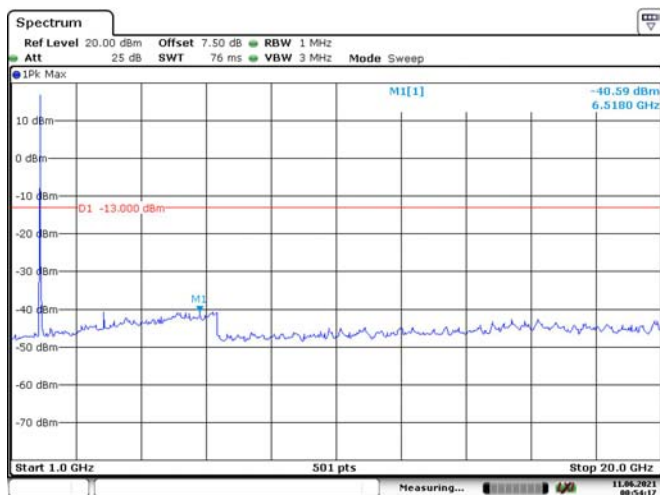


Date: 11.JUN.2021 00:53:20

10M, QPSK, Low Channel

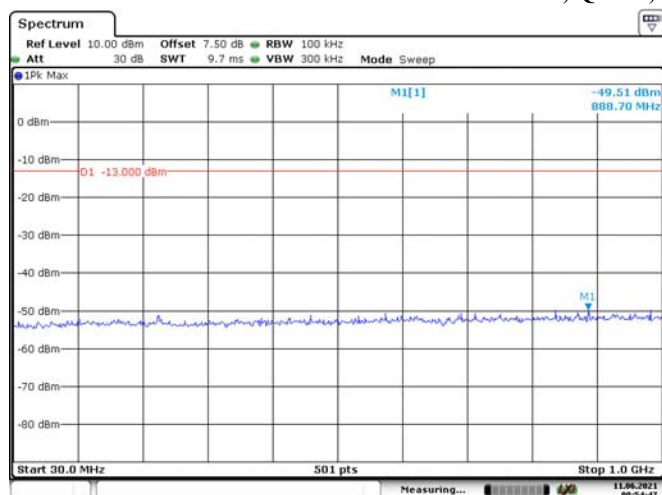


Date: 11.JUN.2021 00:53:52

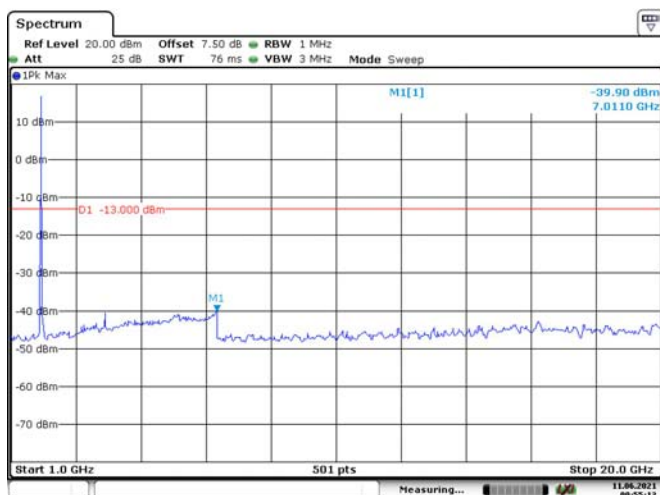


Date: 11.JUN.2021 00:54:17

10M, QPSK, Middle Channel

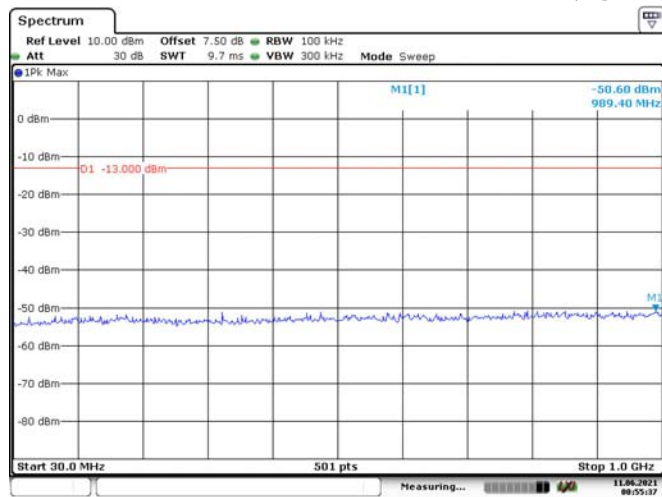


Date: 11.JUN.2021 00:54:47

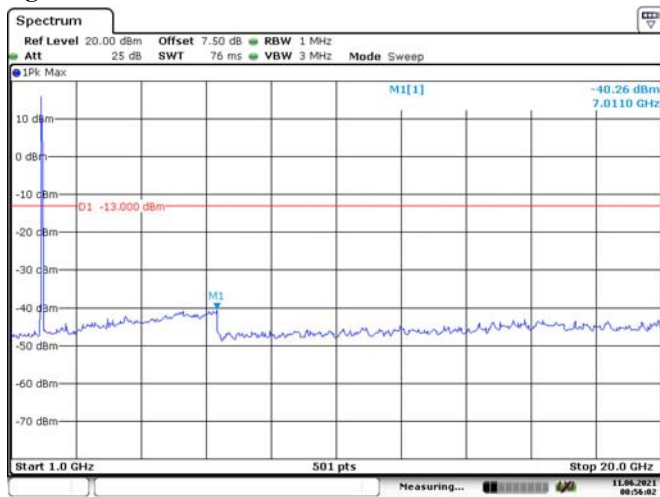


Date: 11.JUN.2021 00:55:12

10M, QPSK, High Channel

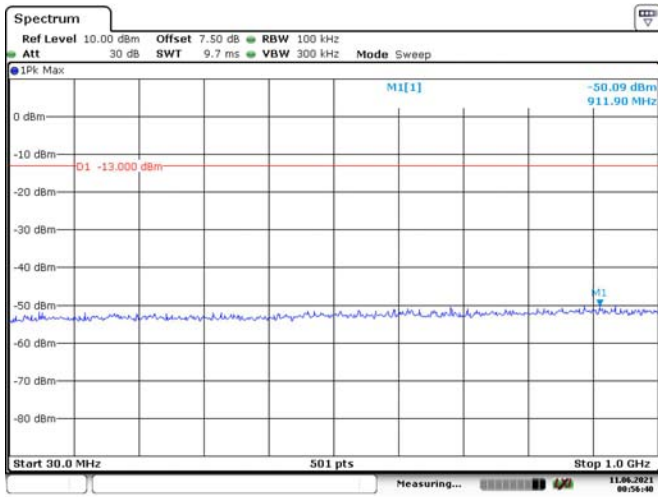


Date: 11.JUN.2021 00:55:37

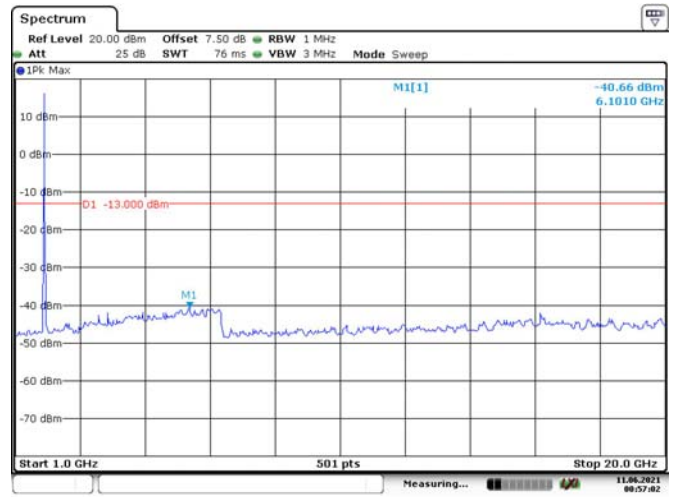


Date: 11.JUN.2021 00:56:02

15M, QPSK, Low Channel

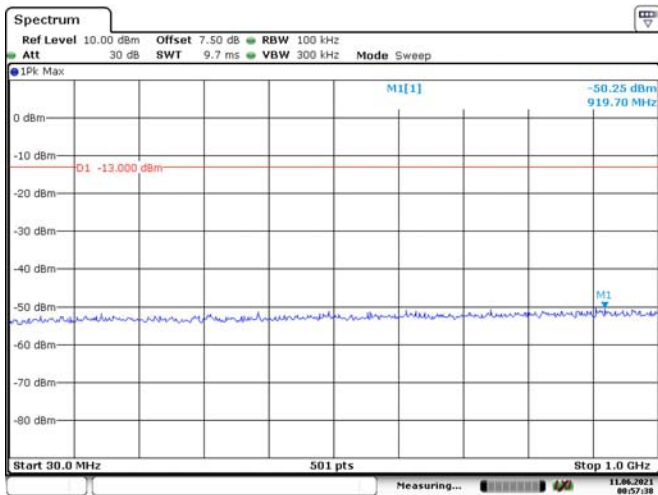


Date: 11.JUN.2021 00:56:40

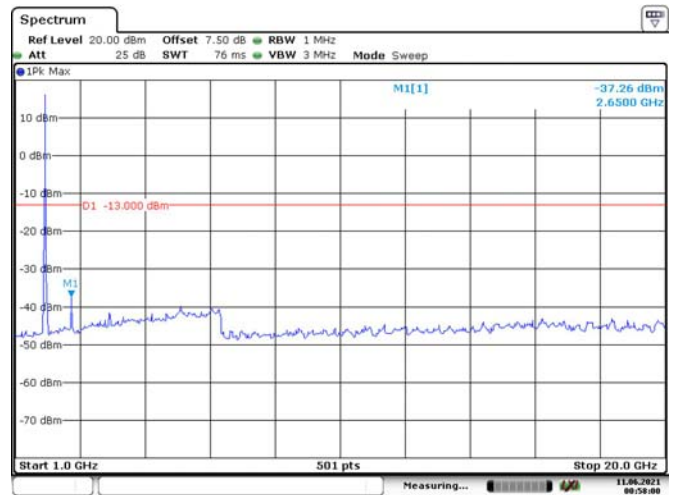


Date: 11.JUN.2021 00:57:02

15M, QPSK, Middle Channel

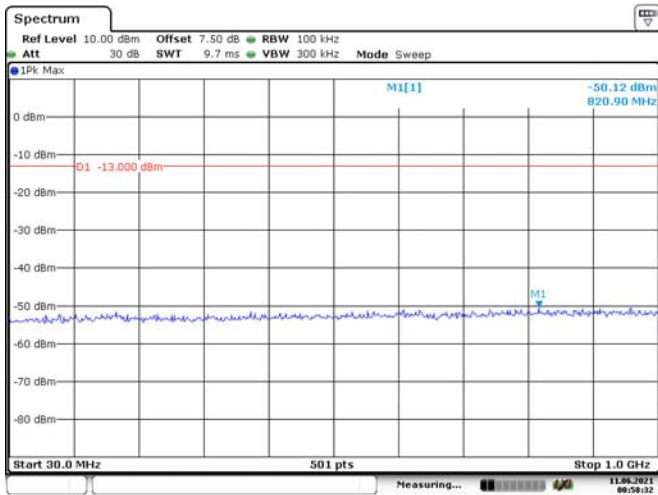


Date: 11.JUN.2021 00:57:38

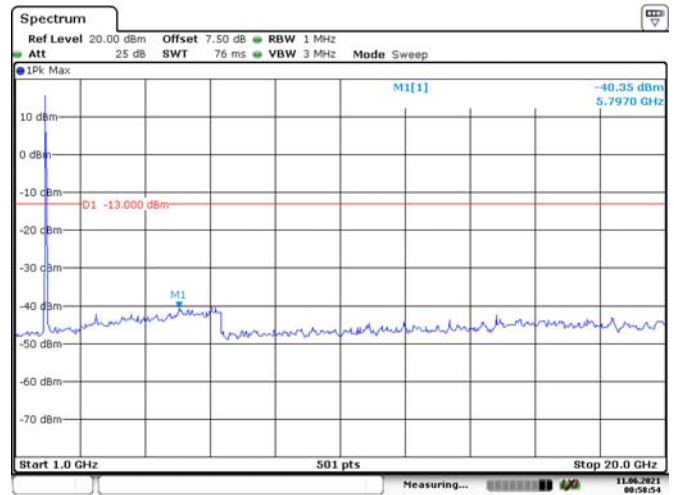


Date: 11.JUN.2021 00:58:00

15M, QPSK, High Channel

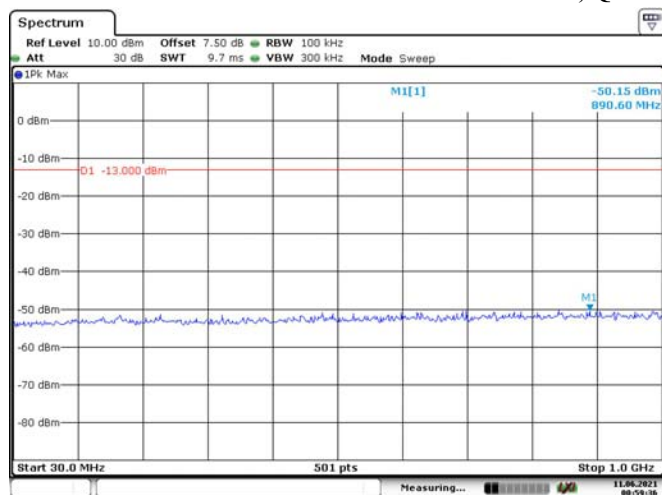


Date: 11.JUN.2021 00:58:32

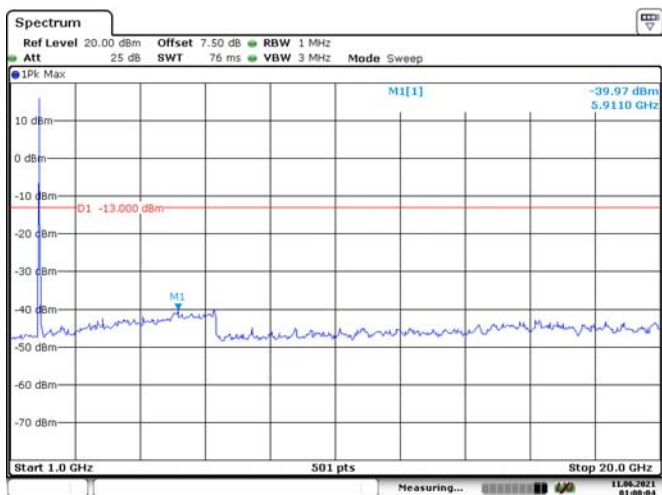


Date: 11.JUN.2021 00:58:54

20M, QPSK, Low Channel

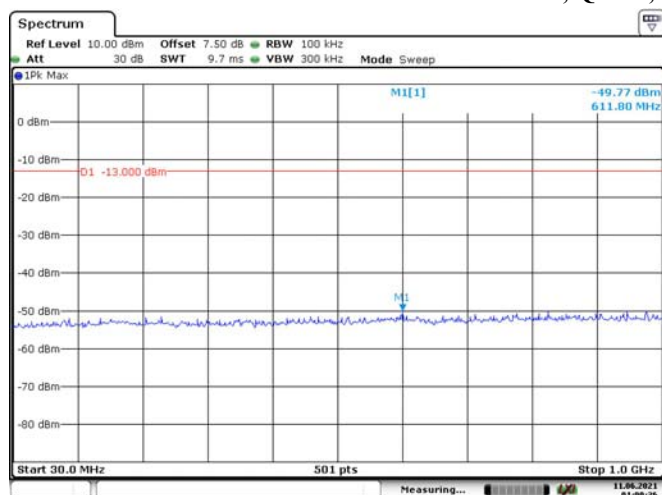


Date: 11.JUN.2021 00:59:35

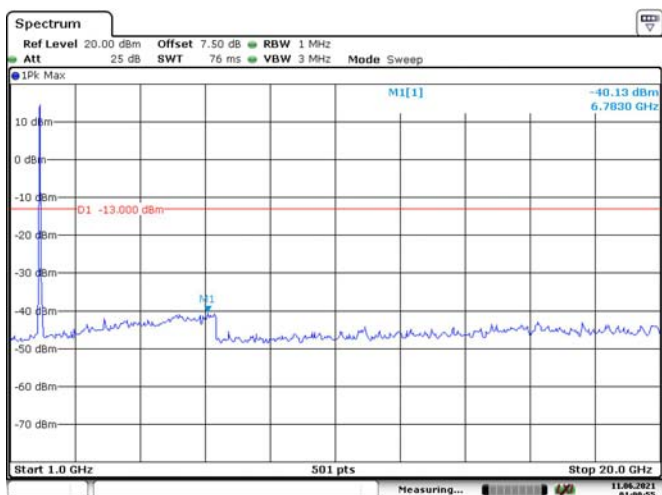


Date: 11.JUN.2021 01:00:04

20M, QPSK, Middle Channel

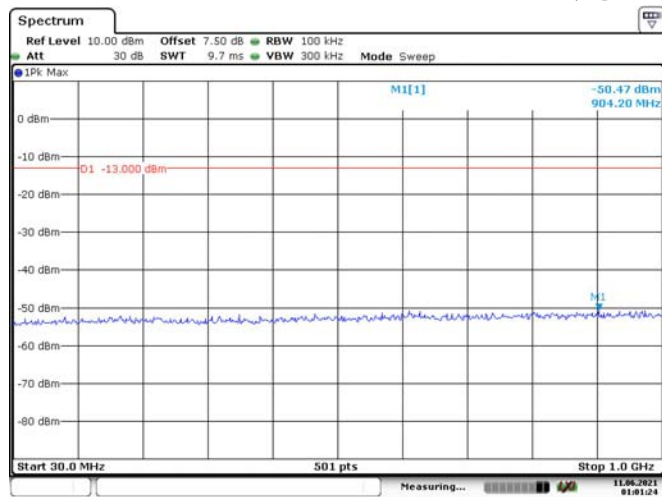


Date: 11.JUN.2021 01:00:36

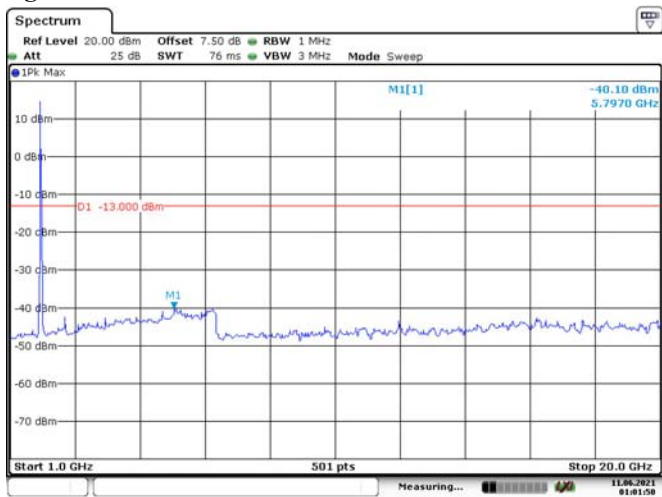


Date: 11.JUN.2021 01:00:55

20M, QPSK, High Channel



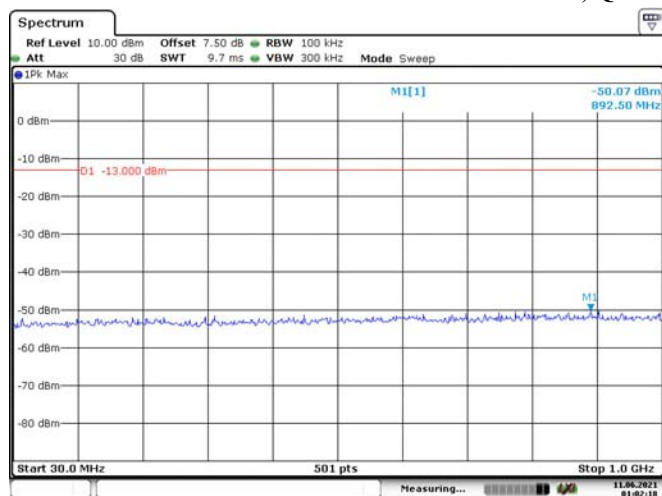
Date: 11.JUN.2021 01:01:24



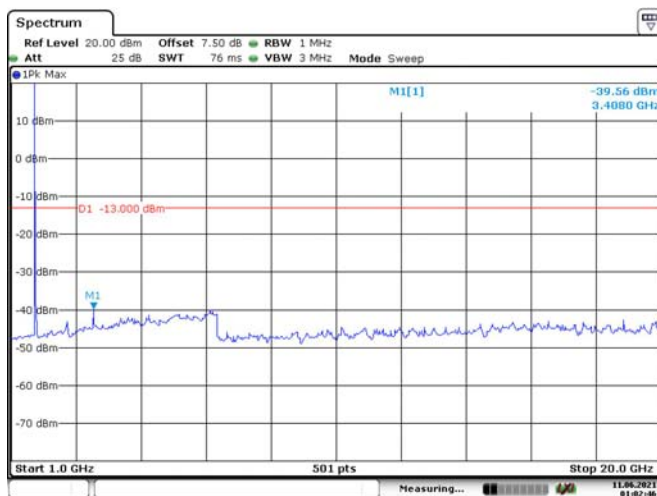
Date: 11.JUN.2021 01:01:50

LTE Band 4:

1.4M, QPSK, Low Channel

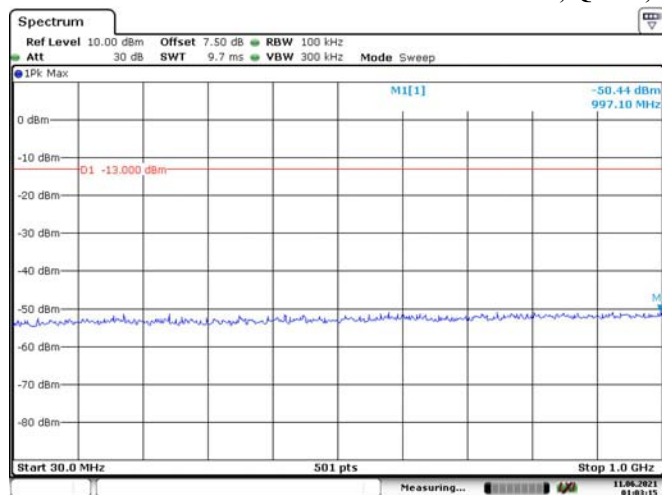


Date: 11.JUN.2021 01:02:18

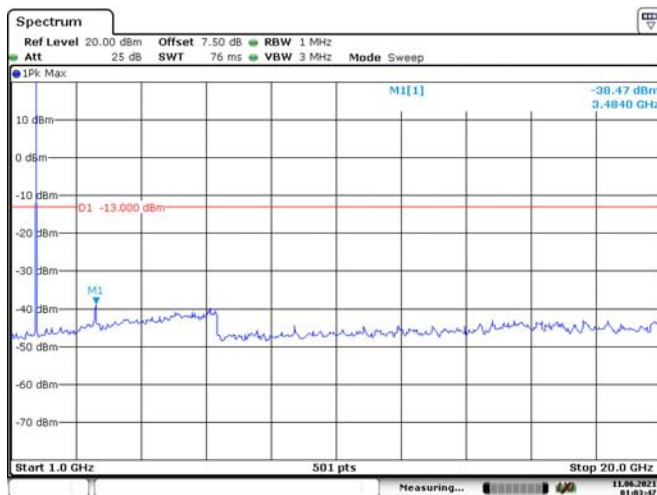


Date: 11.JUN.2021 01:02:46

1.4M, QPSK, Middle Channel

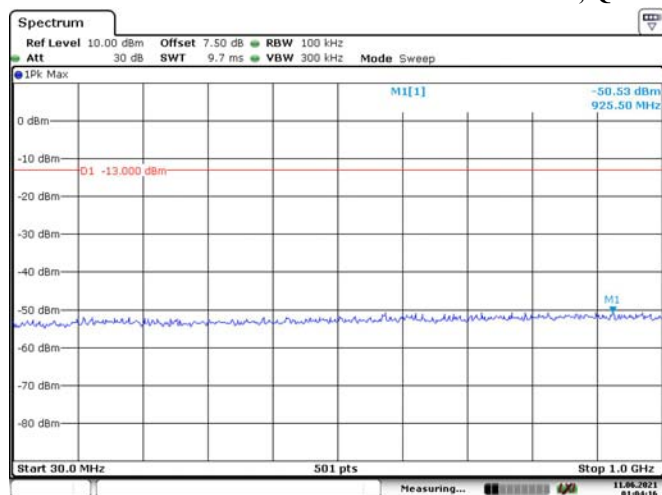


Date: 11.JUN.2021 01:03:15

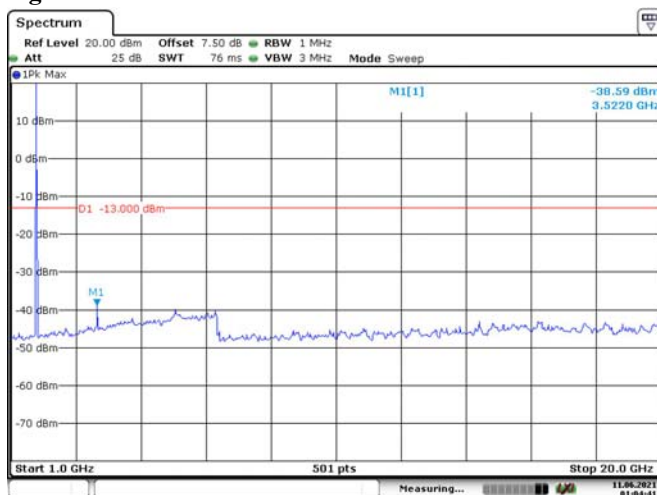


Date: 11.JUN.2021 01:03:47

1.4M, QPSK, High Channel

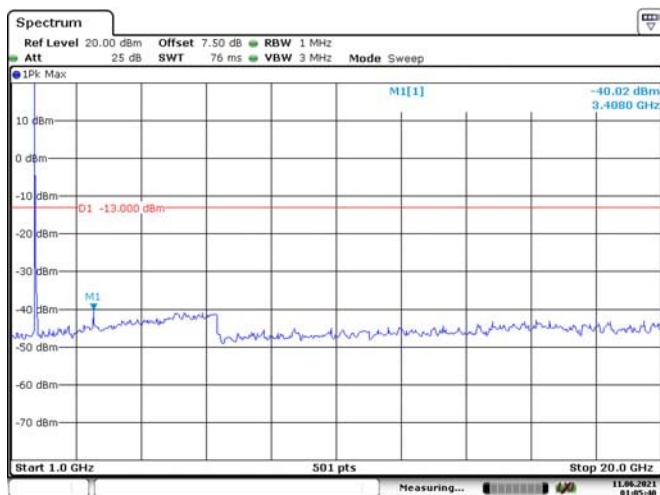
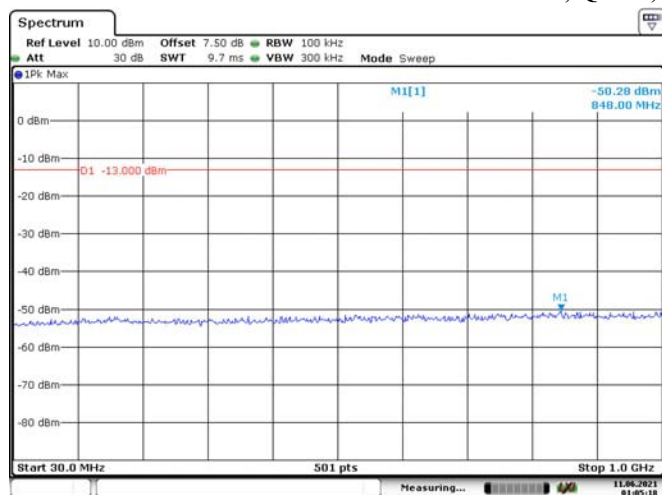


Date: 11.JUN.2021 01:04:16

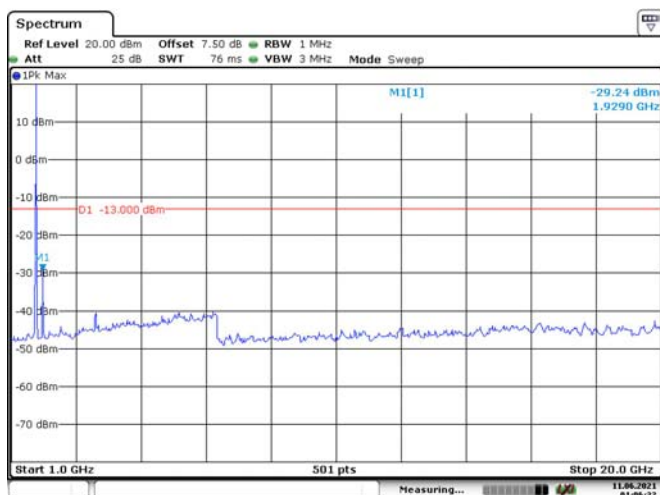
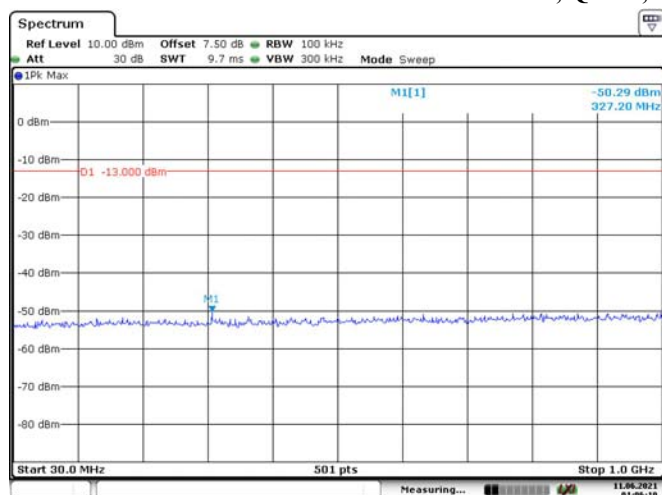


Date: 11.JUN.2021 01:04:41

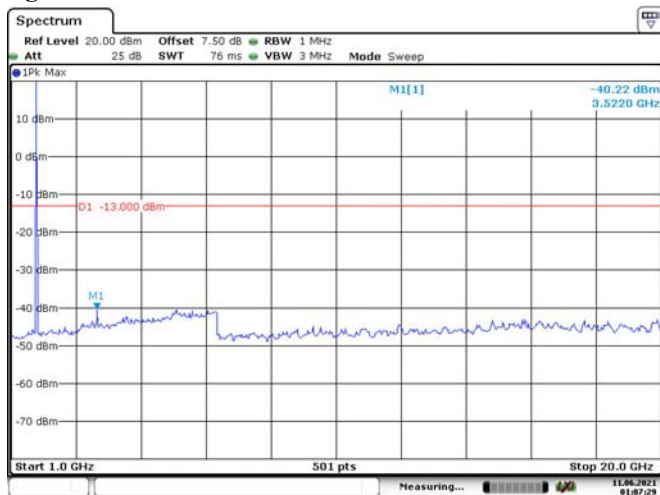
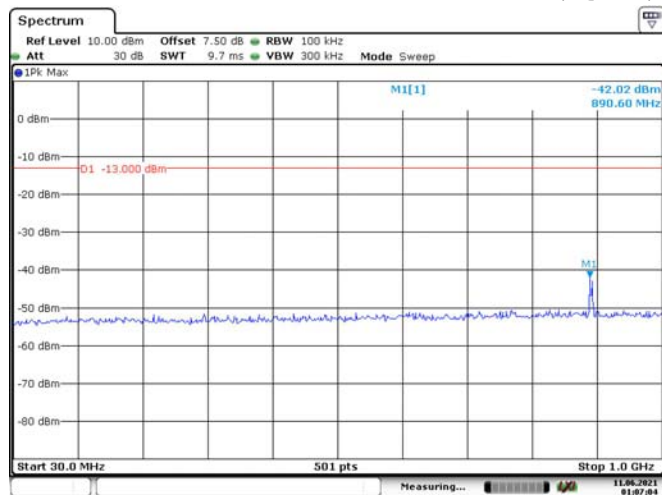
3M, QPSK, Low Channel



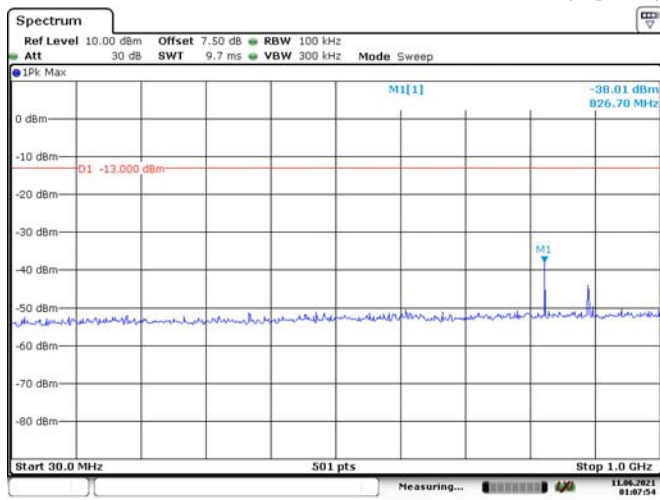
3M, QPSK, Middle Channel



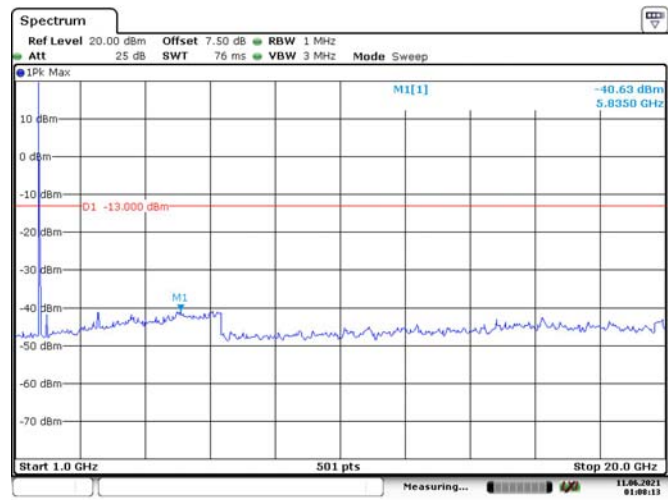
3M, QPSK, High Channel



5M, QPSK, Low Channel

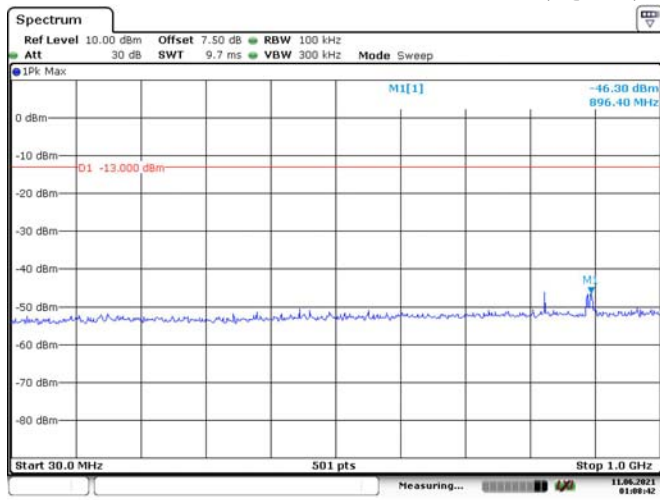


Date: 11.JUN.2021 01:07:54

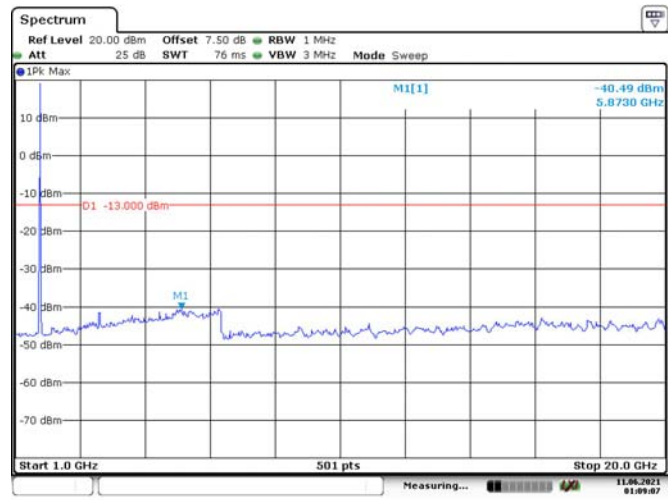


Date: 11.JUN.2021 01:08:13

5M, QPSK, Middle Channel

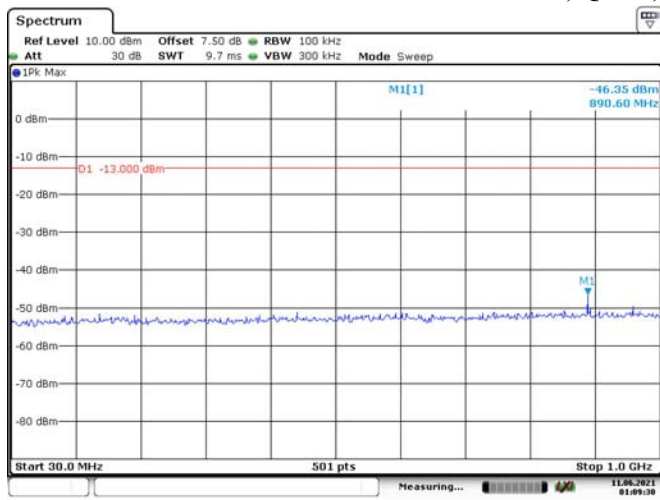


Date: 11.JUN.2021 01:08:42

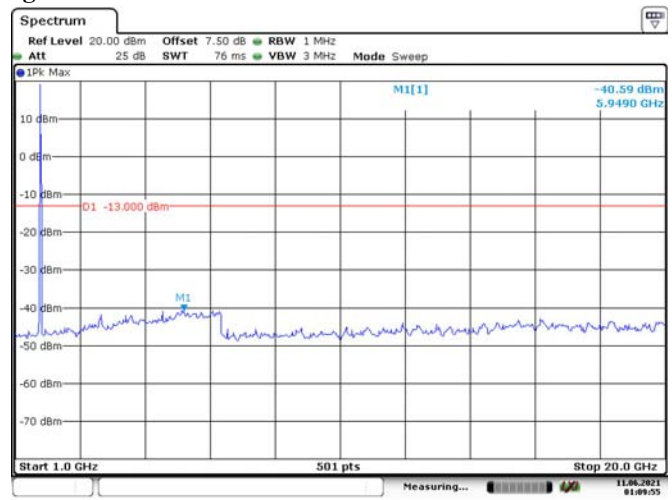


Date: 11.JUN.2021 01:09:07

5M, QPSK, High Channel

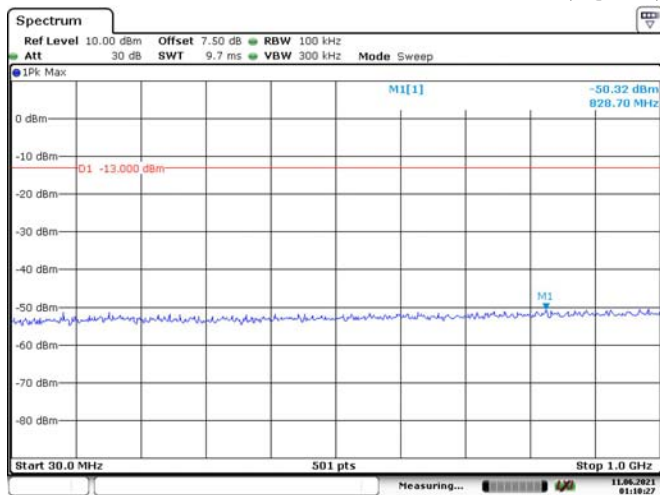


Date: 11.JUN.2021 01:09:30

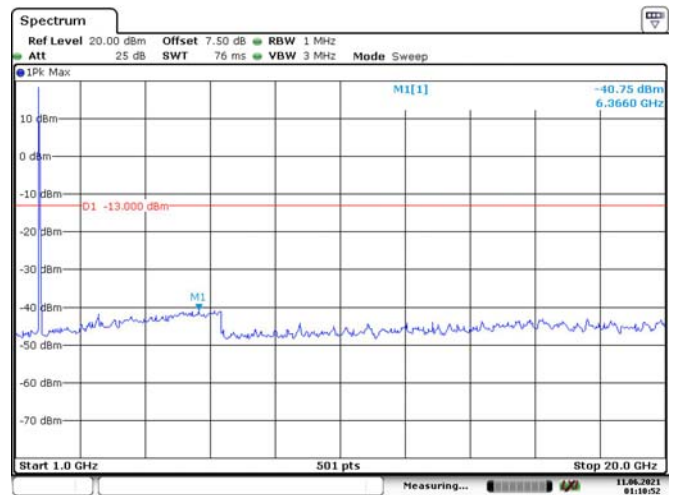


Date: 11.JUN.2021 01:09:55

10M, QPSK, Low Channel

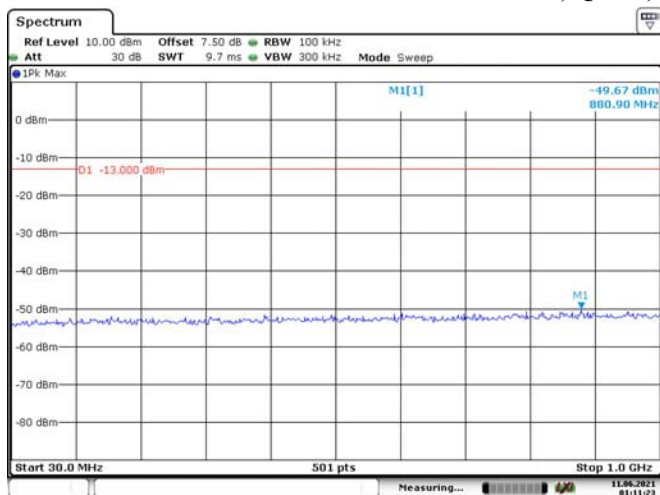


Date: 11.JUN.2021 01:10:27

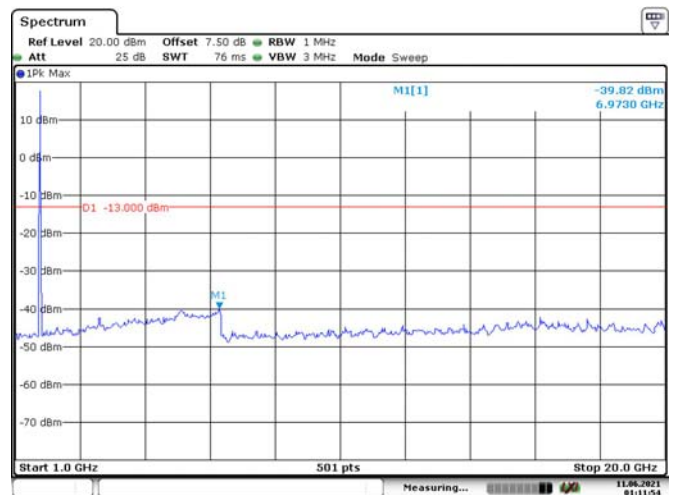


Date: 11.JUN.2021 01:10:52

10M, QPSK, Middle Channel

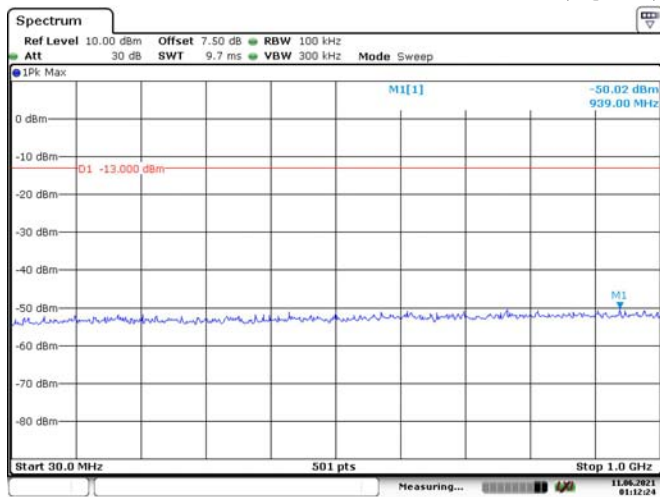


Date: 11.JUN.2021 01:11:23

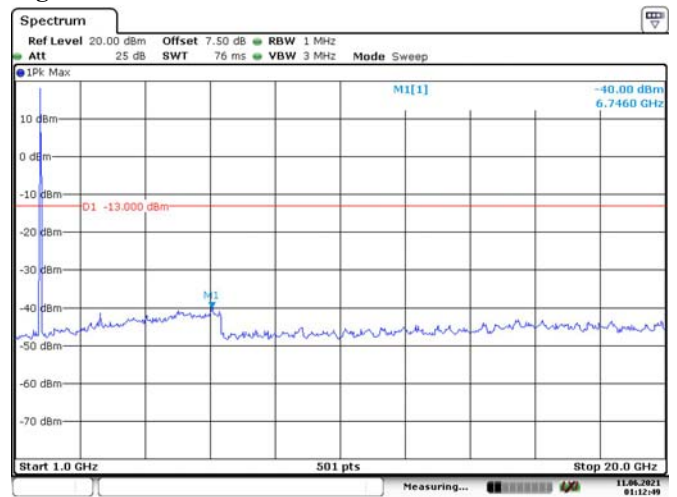


Date: 11.JUN.2021 01:11:54

10M, QPSK, High Channel

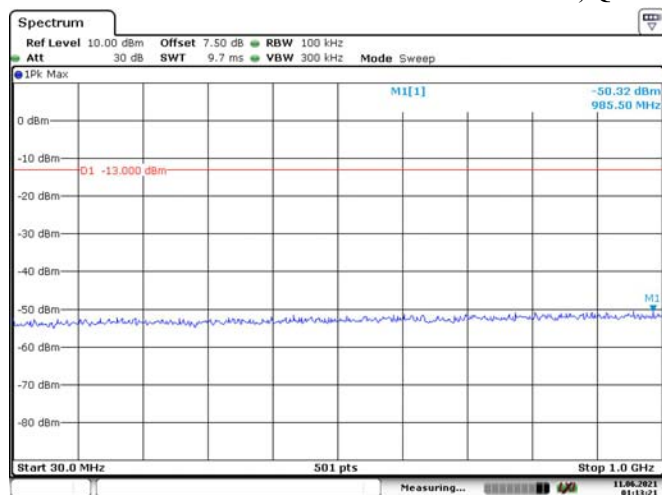


Date: 11.JUN.2021 01:12:24

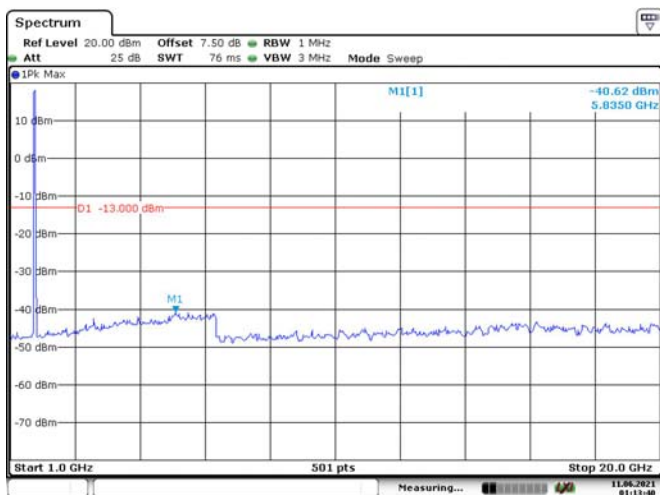


Date: 11.JUN.2021 01:12:49

15M, QPSK, Low Channel

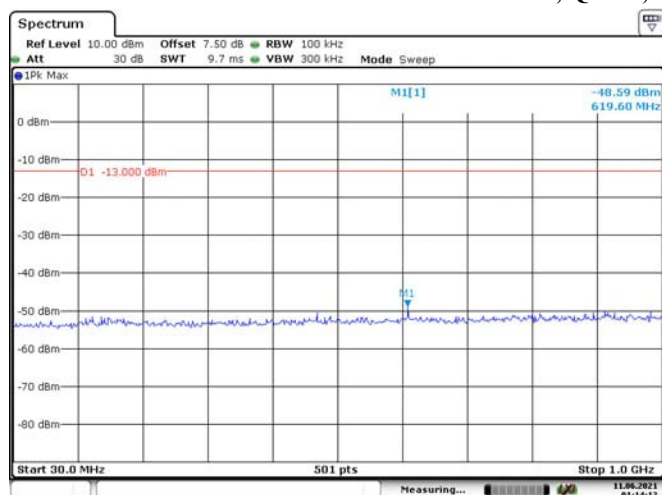


Date: 11.JUN.2021 01:13:21

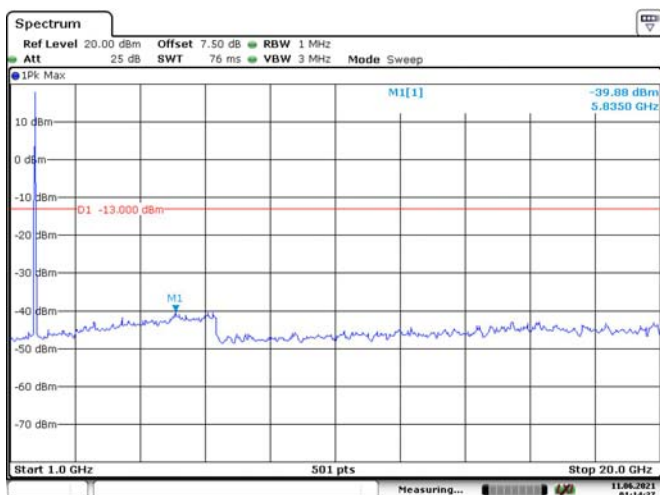


Date: 11.JUN.2021 01:13:40

15M, QPSK, Middle Channel

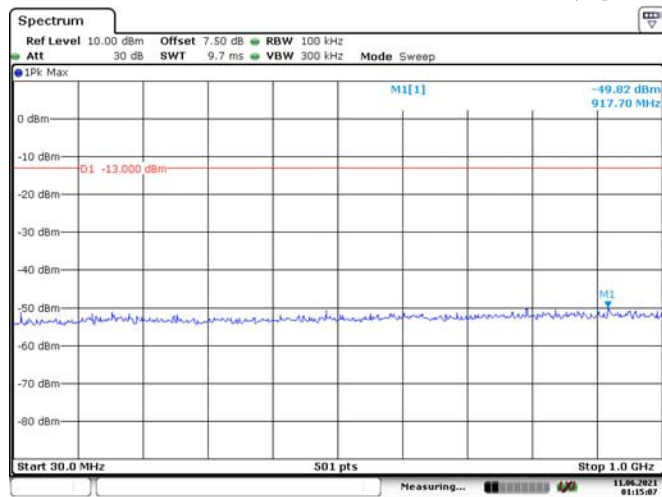


Date: 11.JUN.2021 01:14:12

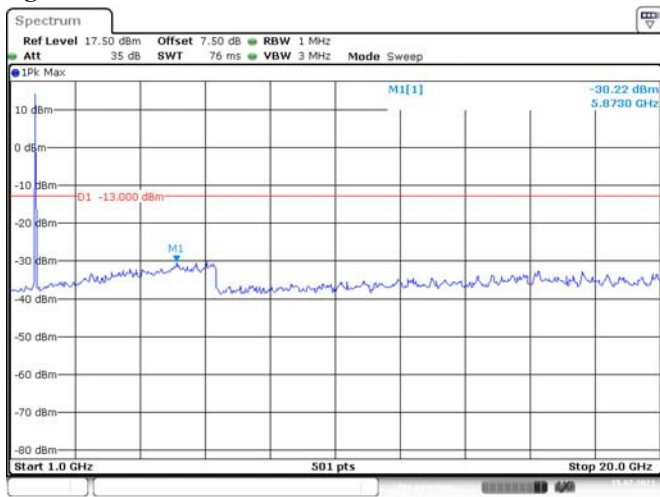


Date: 11.JUN.2021 01:14:38

15M, QPSK, High Channel

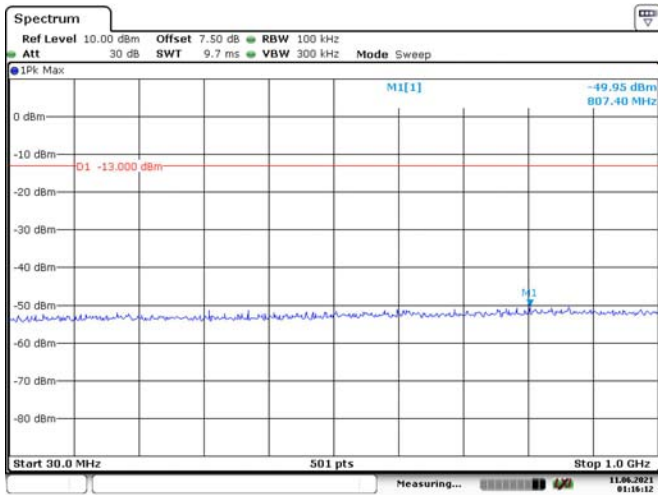


Date: 11.JUN.2021 01:15:07

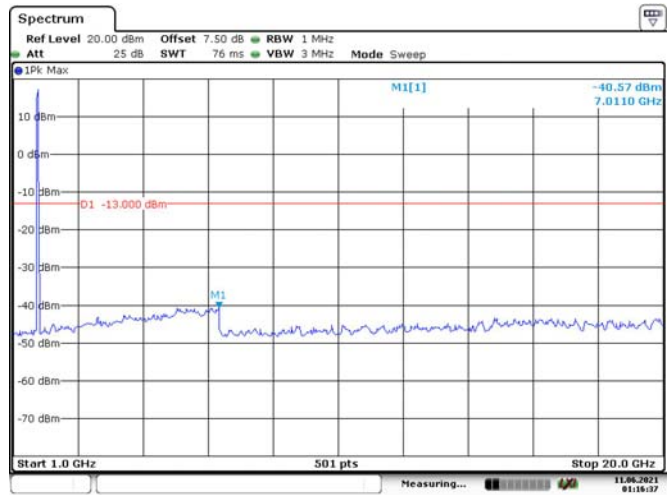


Date: 15.JUL.2021 11:12:39

20M, QPSK, Low Channel

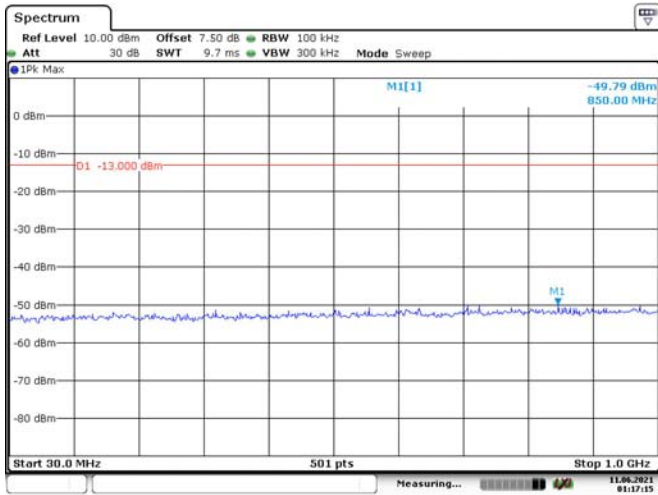


Date: 11.JUN.2021 01:16:12

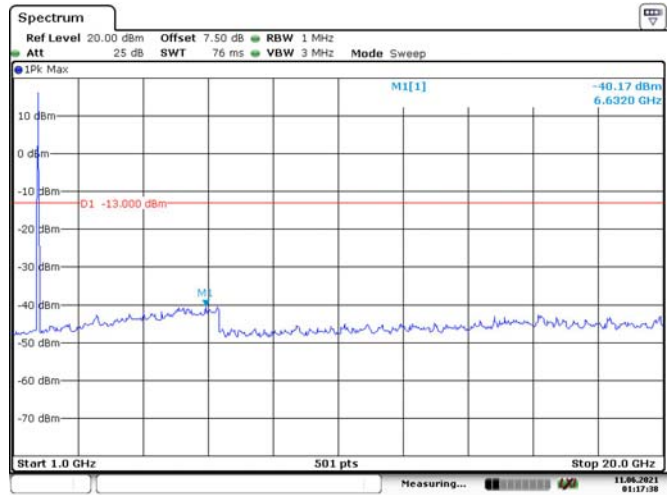


Date: 11.JUN.2021 01:16:37

20M, QPSK, Middle Channel

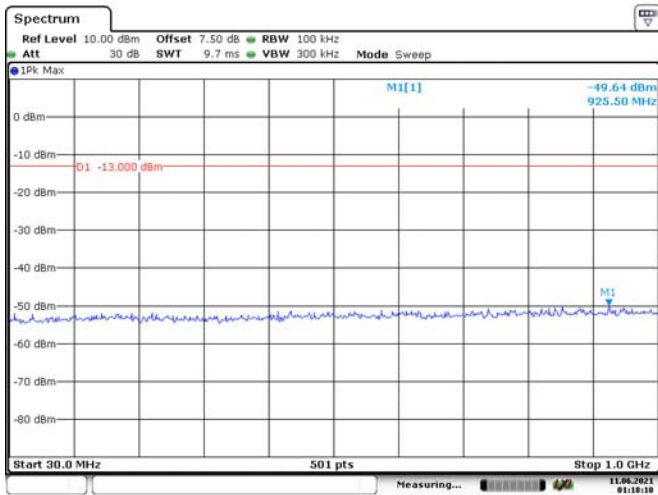


Date: 11.JUN.2021 01:17:16

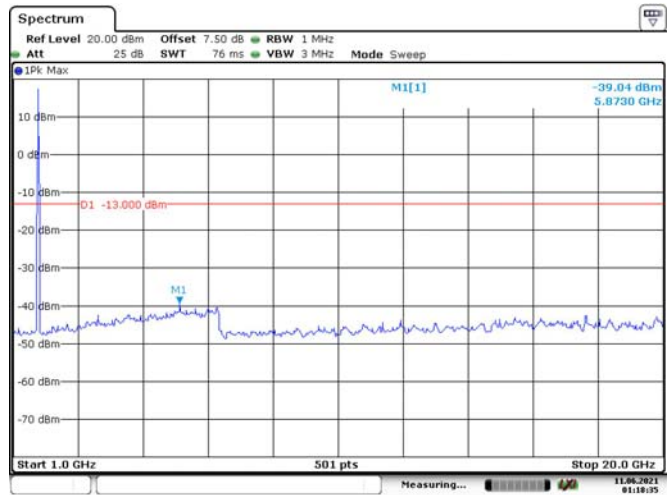


Date: 11.JUN.2021 01:17:38

20M, QPSK, High Channel



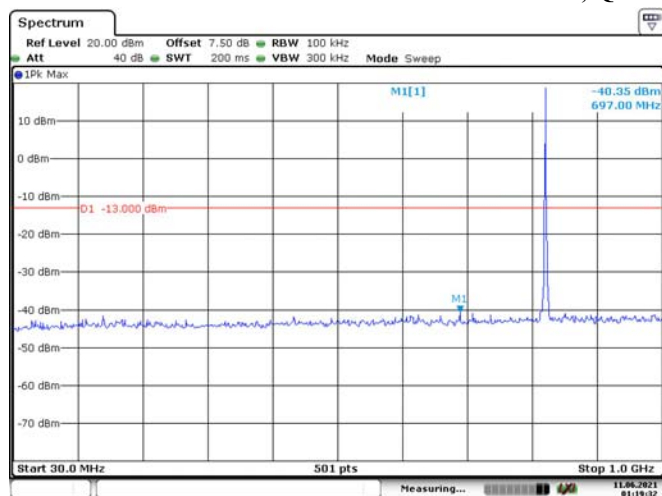
Date: 11.JUN.2021 01:18:10



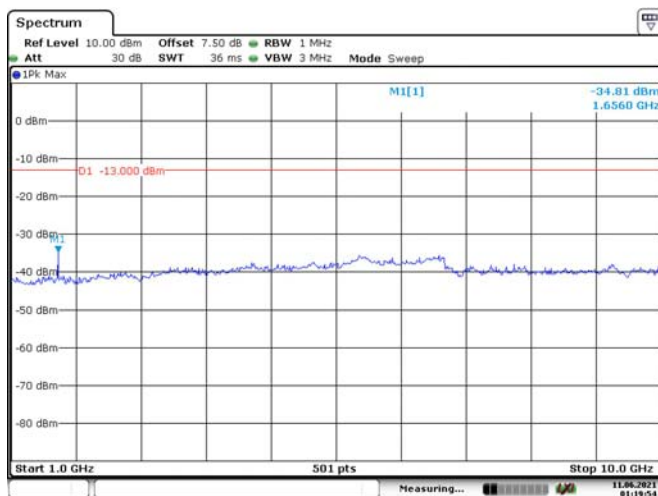
Date: 11.JUN.2021 01:18:35

LTE Band 5:

1.4M, QPSK, Low Channel

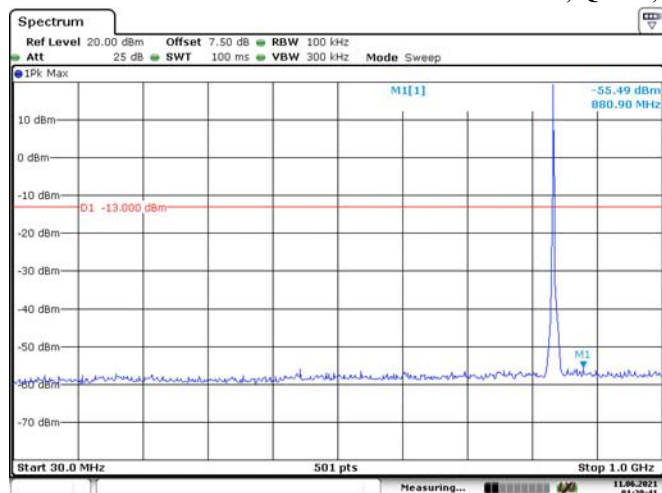


Date: 11.JUN.2021 01:19:32

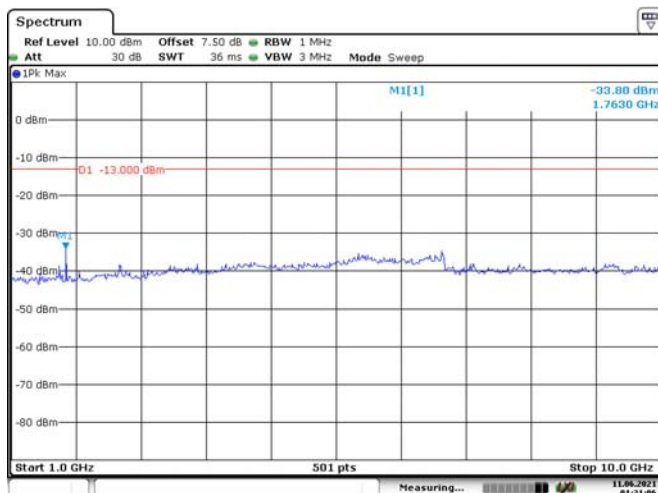


Date: 11.JUN.2021 01:19:54

1.4M, QPSK, Middle Channel

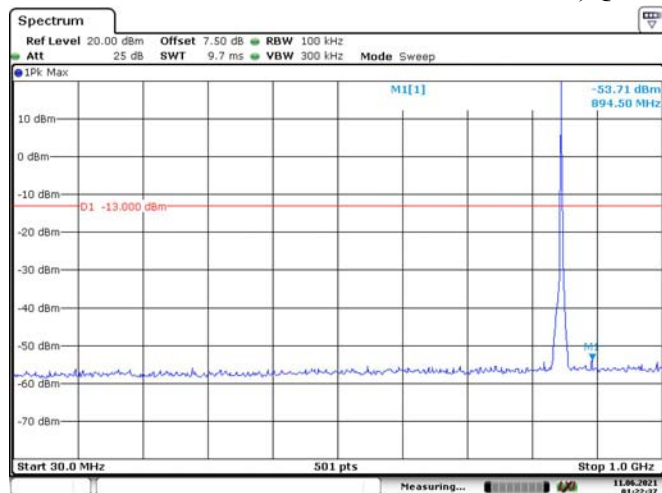


Date: 11.JUN.2021 01:20:41

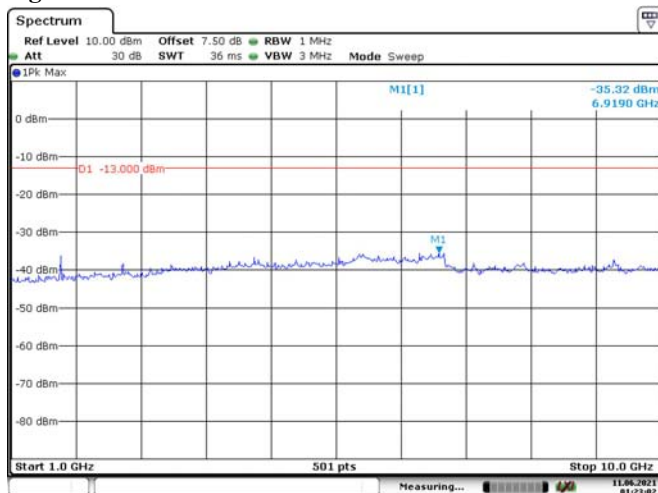


Date: 11.JUN.2021 01:21:06

1.4M, QPSK, High Channel

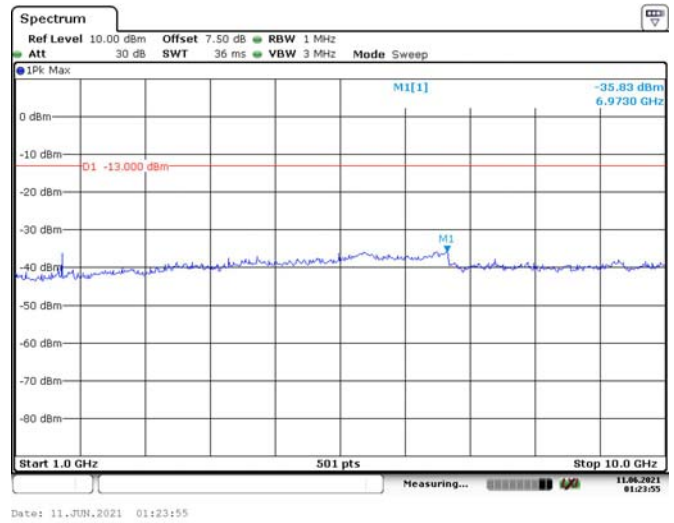
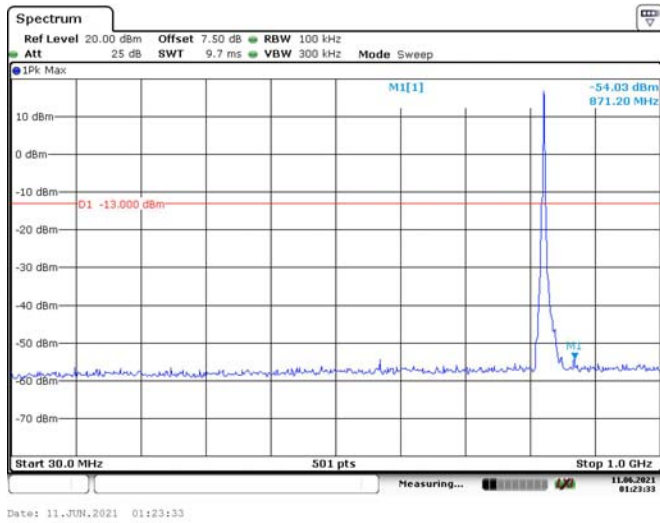


Date: 11.JUN.2021 01:22:37

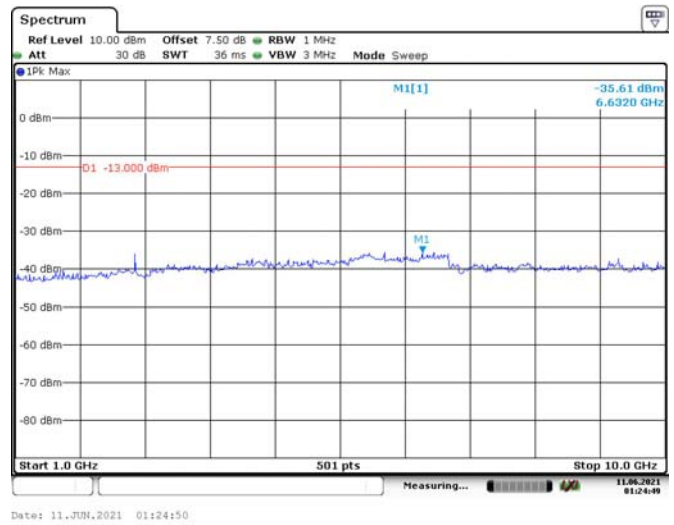
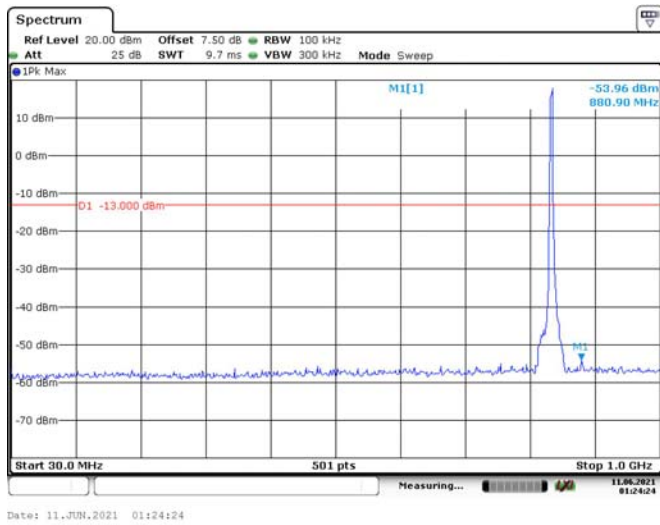


Date: 11.JUN.2021 01:23:02

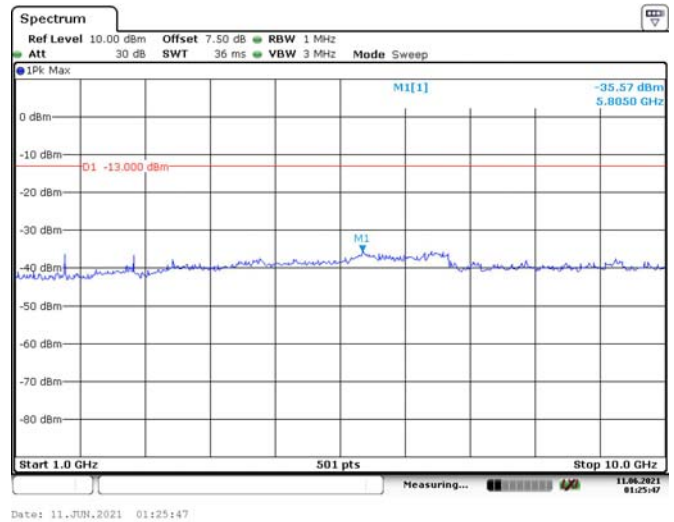
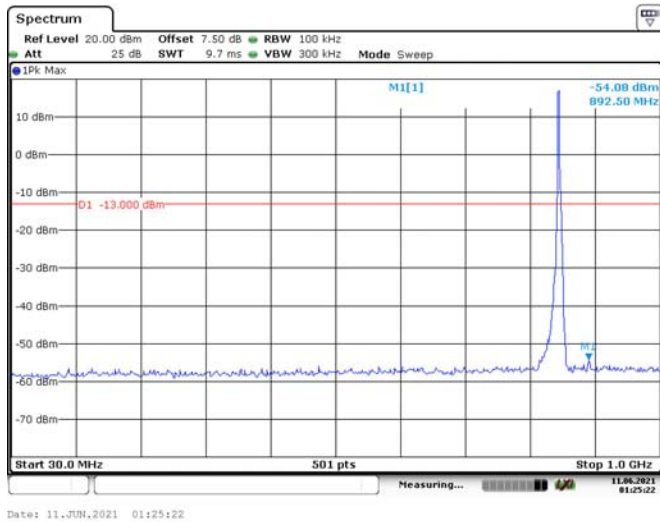
3M, QPSK, Low Channel



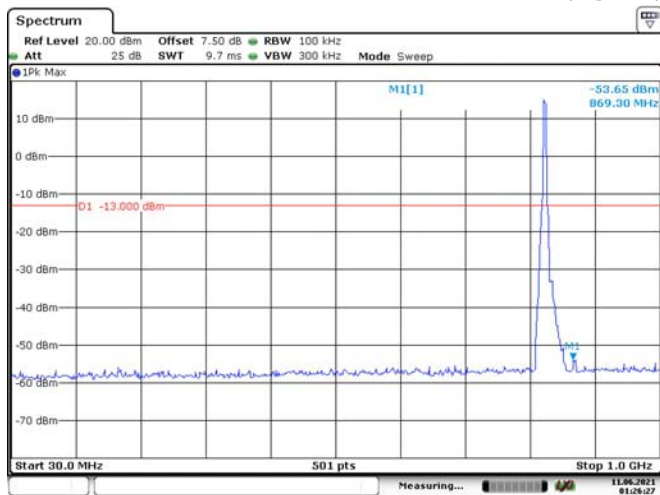
3M, QPSK, Middle Channel



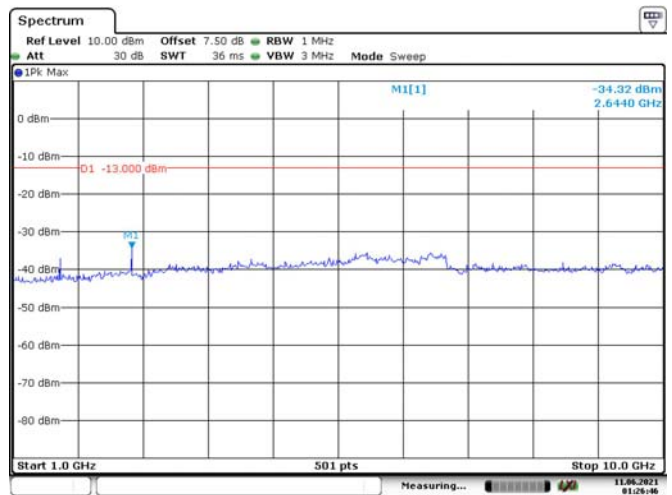
3M, QPSK, High Channel



5M, QPSK, Low Channel

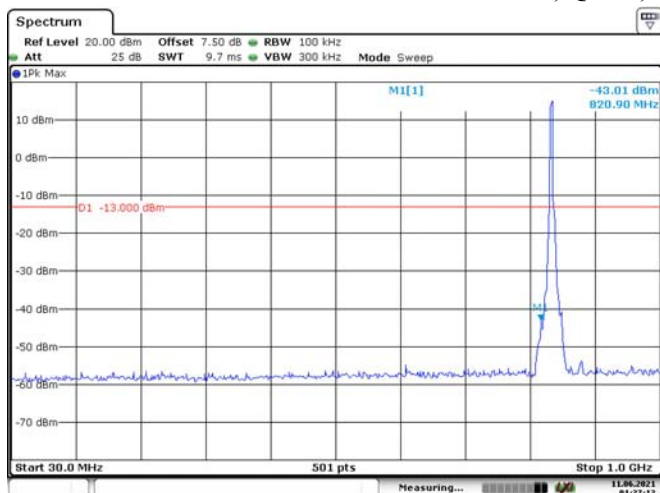


Date: 11.JUN.2021 01:26:27

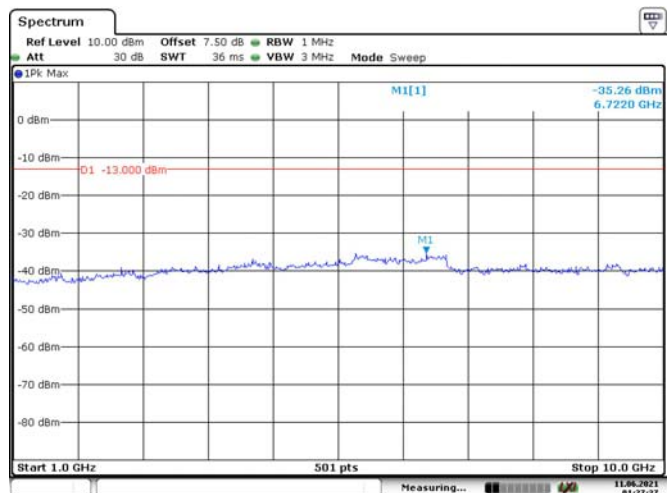


Date: 11.JUN.2021 01:26:46

5M, QPSK, Middle Channel

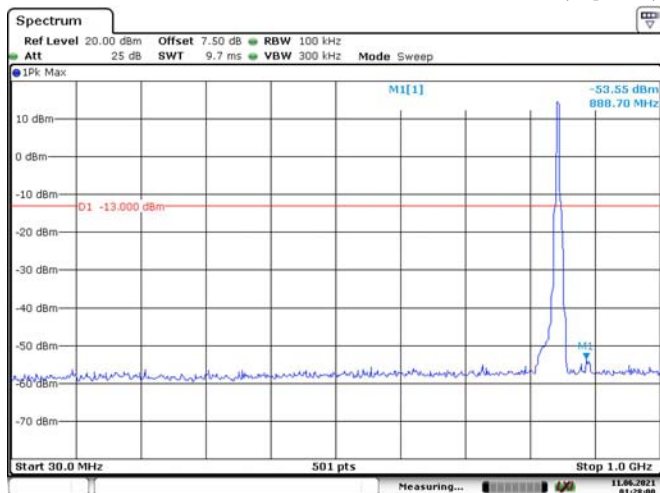


Date: 11.JUN.2021 01:27:12

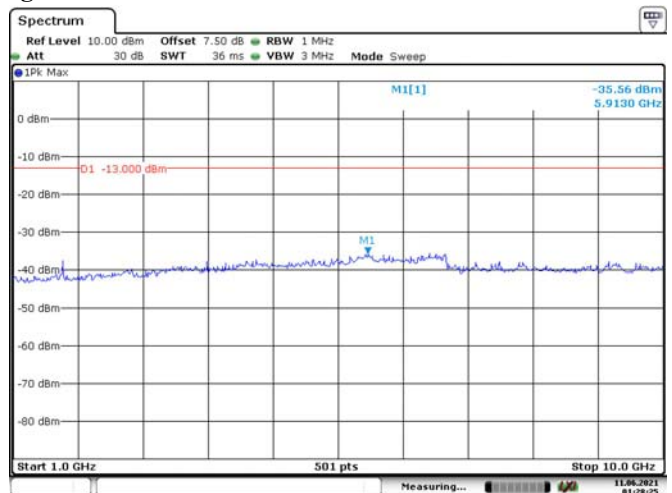


Date: 11.JUN.2021 01:27:37

5M, QPSK, High Channel

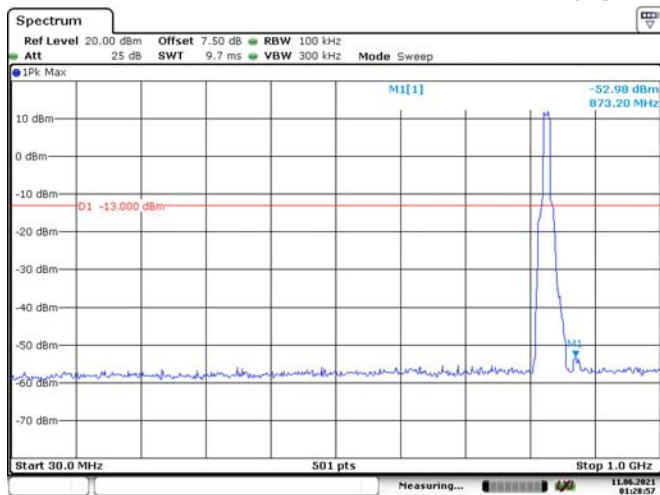


Date: 11.JUN.2021 01:28:00

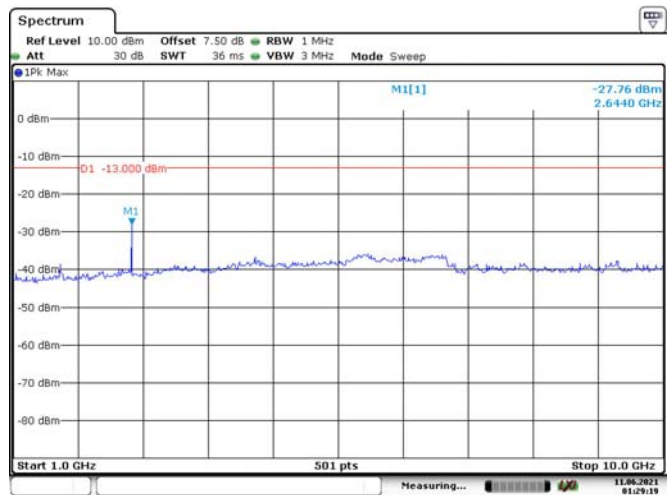


Date: 11.JUN.2021 01:28:25

10M, QPSK, Low Channel

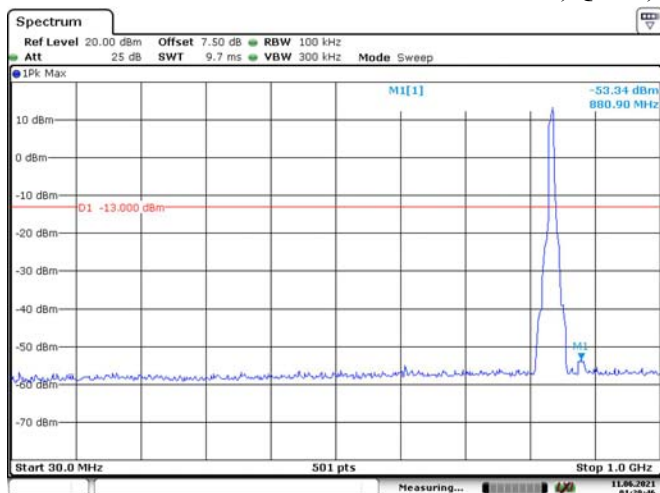


Date: 11.JUN.2021 01:28:57

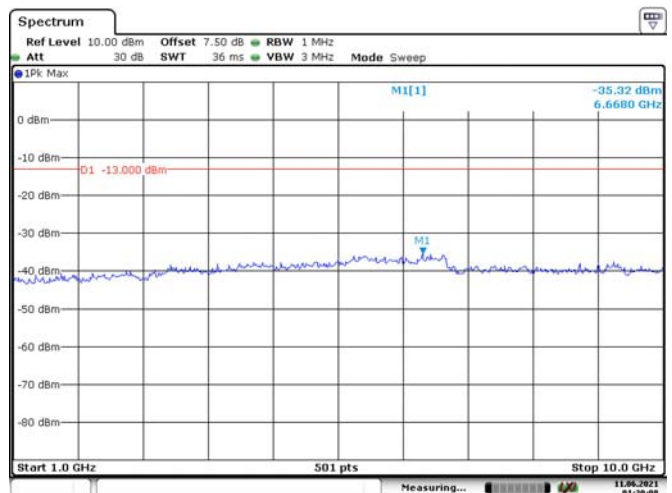


Date: 11.JUN.2021 01:29:19

10M, QPSK, Middle Channel

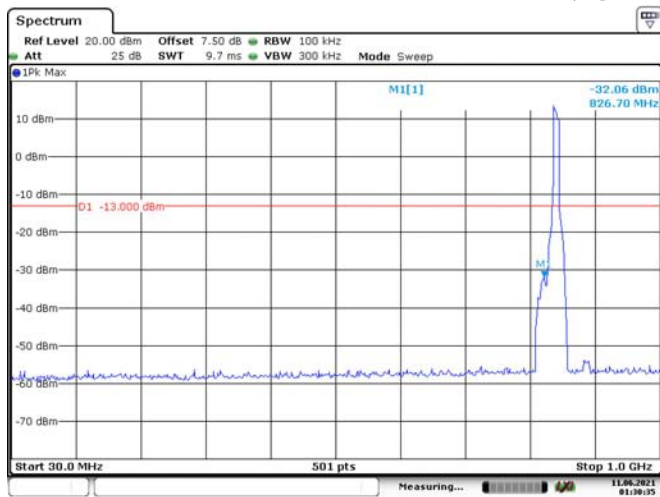


Date: 11.JUN.2021 01:29:46

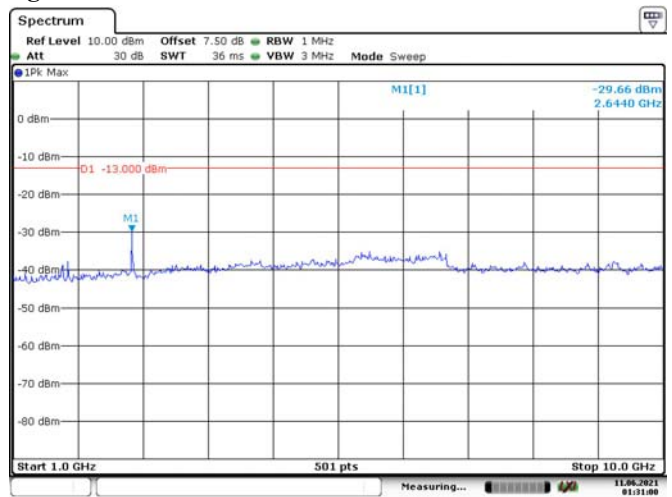


Date: 11.JUN.2021 01:30:08

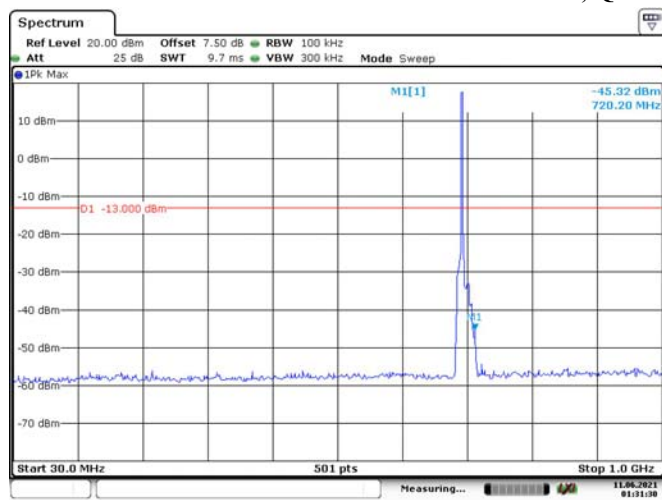
10M, QPSK, High Channel



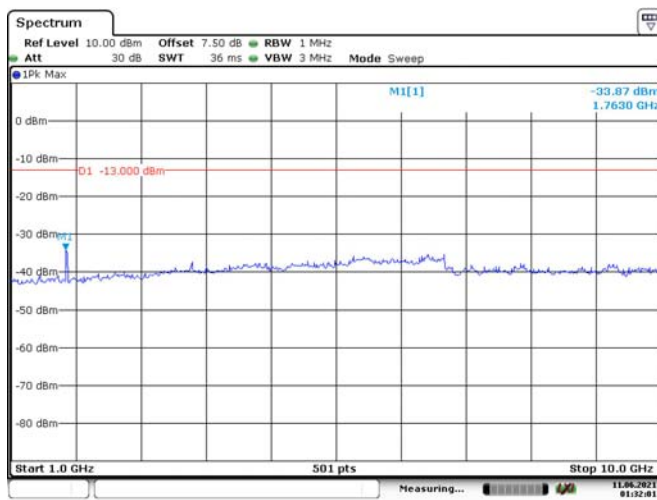
Date: 11.JUN.2021 01:30:35



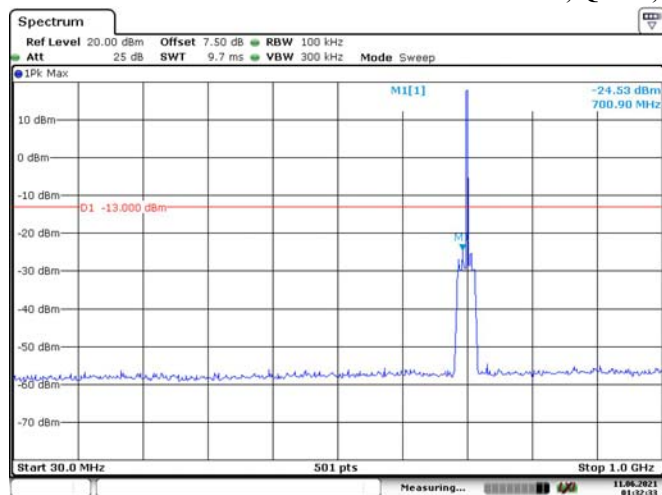
Date: 11.JUN.2021 01:31:00

LTE Band 12:**1.4M, QPSK, Low Channel**

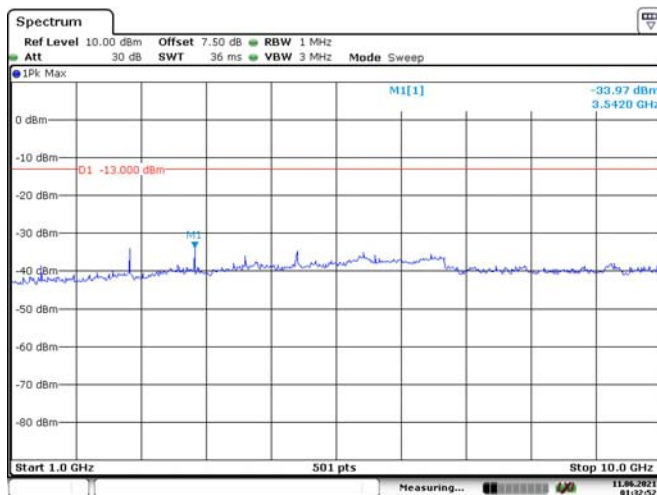
Date: 11 JUN 2021 01:31:28



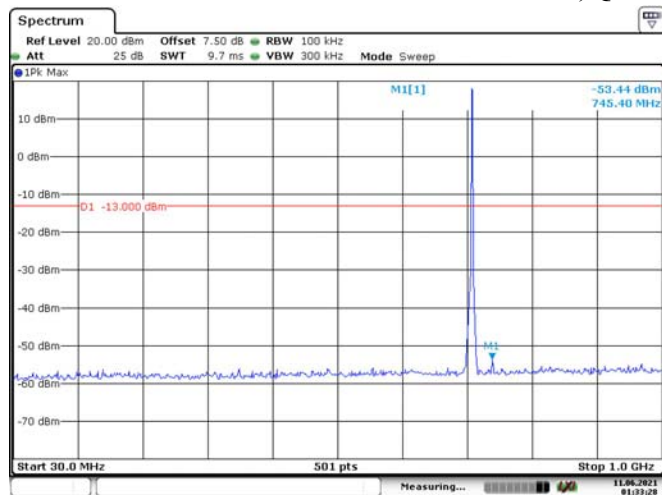
Date: 11 JUN 2021 01:32:02

1.4M, QPSK, Middle Channel

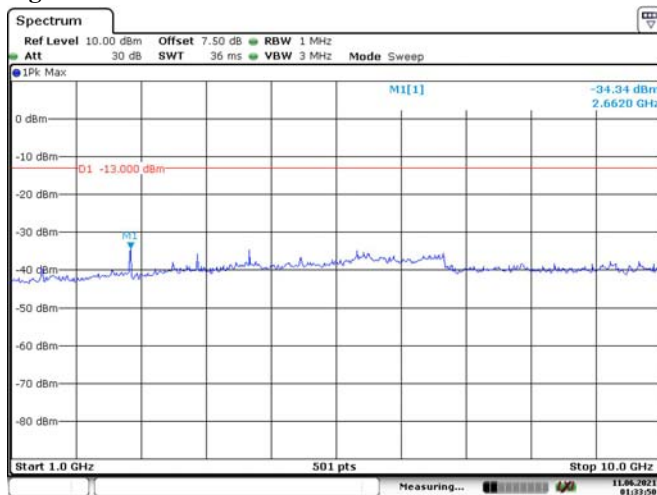
Date: 11 JUN 2021 01:32:34



Date: 11 JUN 2021 01:32:53

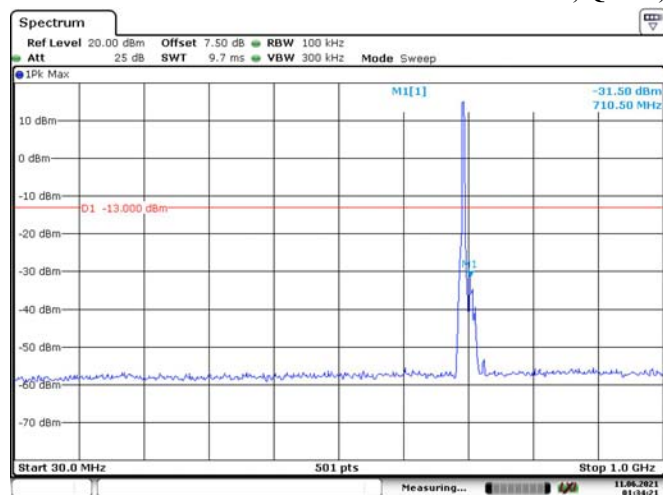
1.4M, QPSK, High Channel

Date: 11 JUN 2021 01:33:28

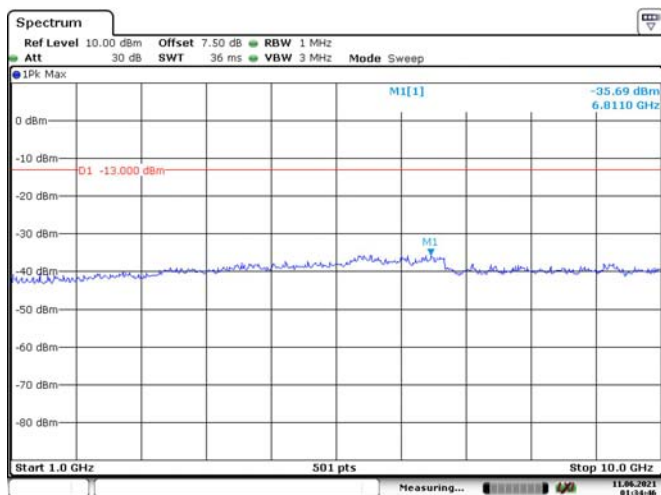


Date: 11 JUN 2021 01:33:58

3M, QPSK, Low Channel

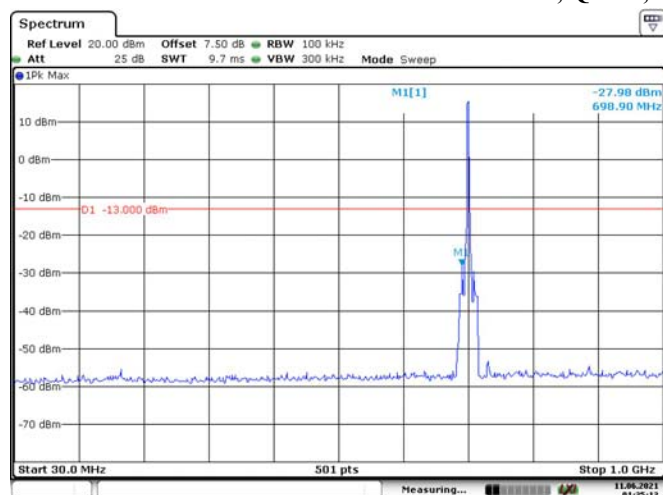


Date: 11.JUN.2021 01:34:21

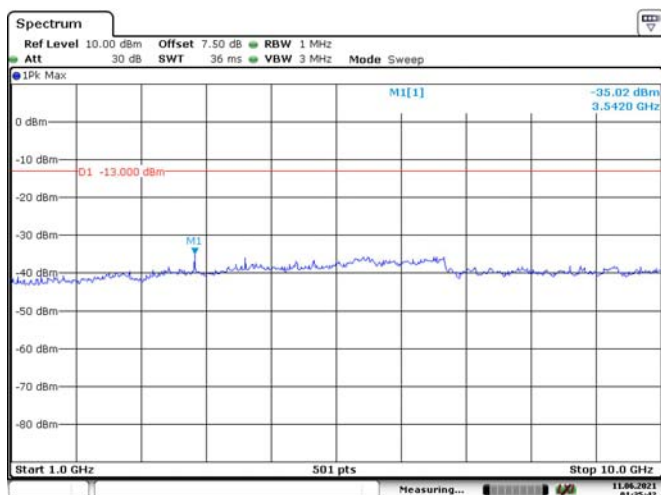


Date: 11.JUN.2021 01:34:46

3M, QPSK, Middle Channel

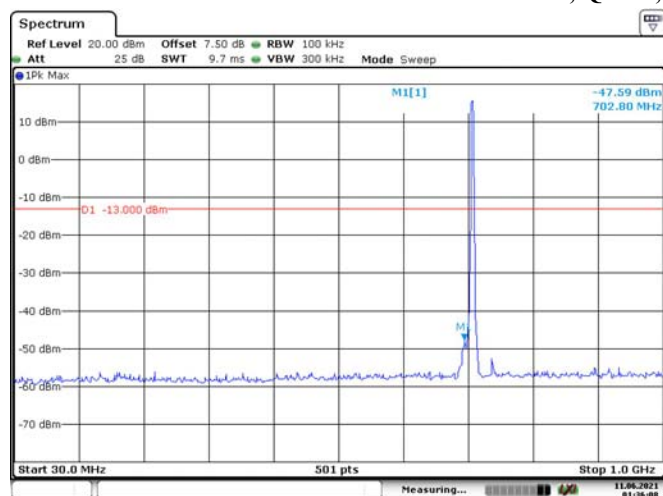


Date: 11.JUN.2021 01:35:13

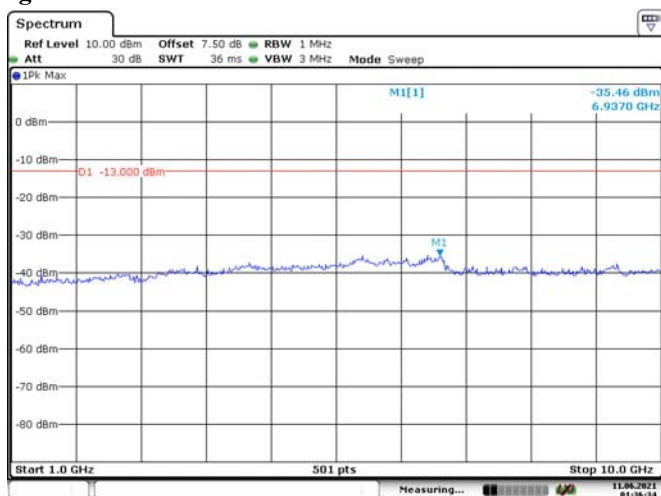


Date: 11.JUN.2021 01:35:43

3M, QPSK, High Channel

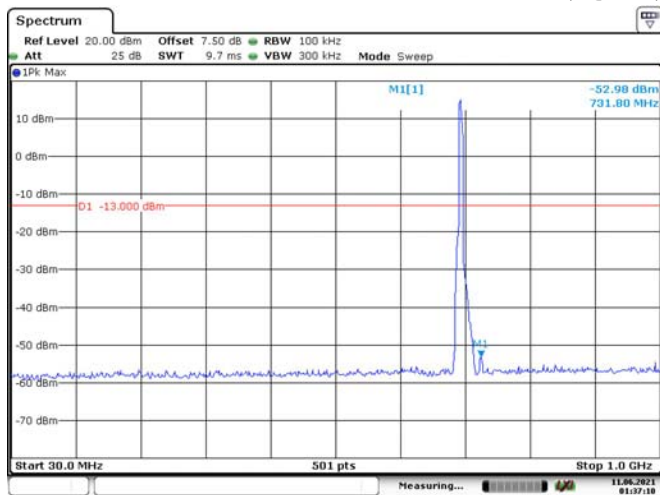


Date: 11.JUN.2021 01:36:09

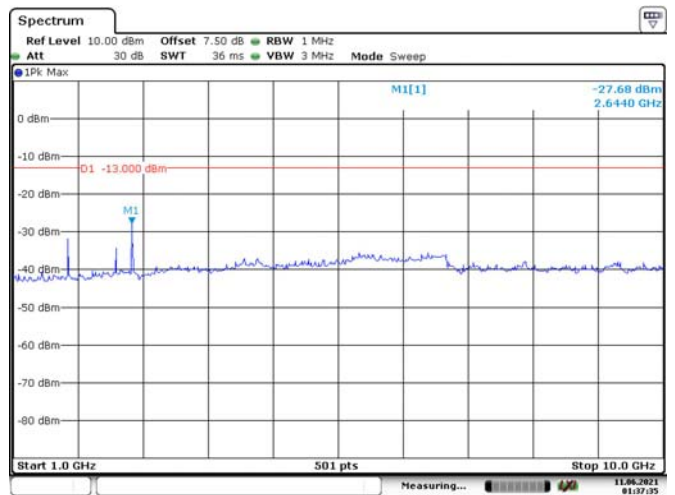


Date: 11.JUN.2021 01:36:34

5M, QPSK, Low Channel

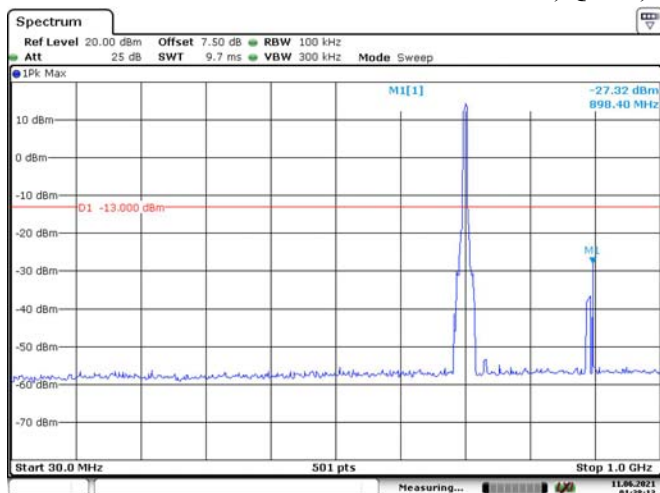


Date: 11.JUN.2021 01:37:10

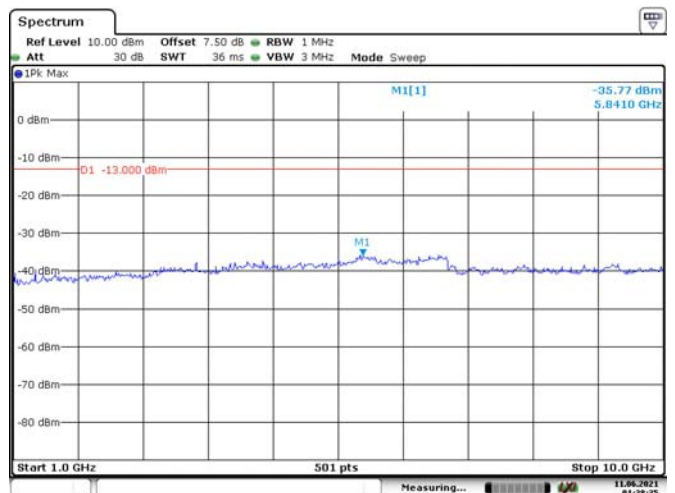


Date: 11.JUN.2021 01:37:35

5M, QPSK, Middle Channel

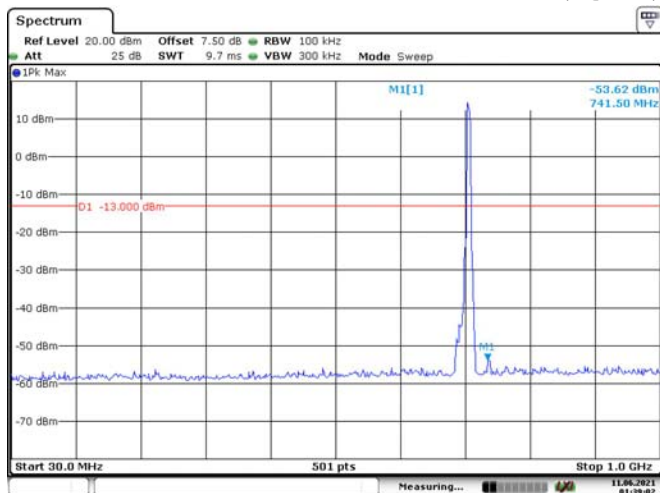


Date: 11.JUN.2021 01:38:14

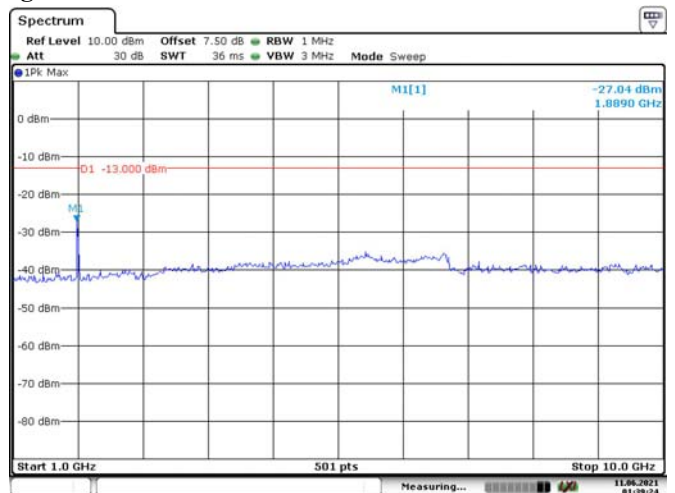


Date: 11.JUN.2021 01:38:36

5M, QPSK, High Channel

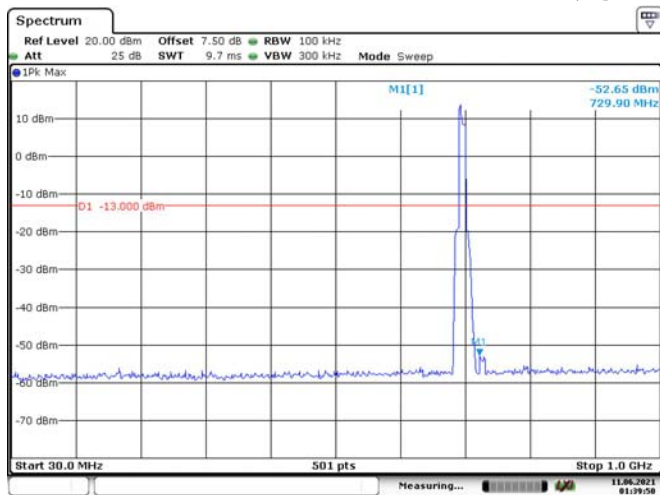


Date: 11.JUN.2021 01:39:02

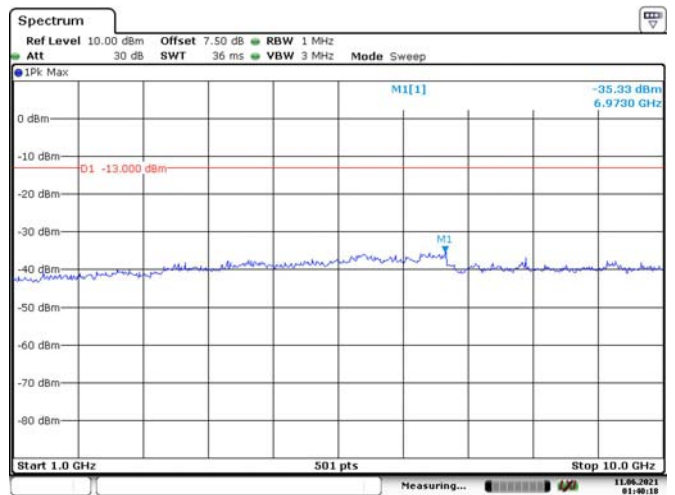


Date: 11.JUN.2021 01:39:24

10M, QPSK, Low Channel

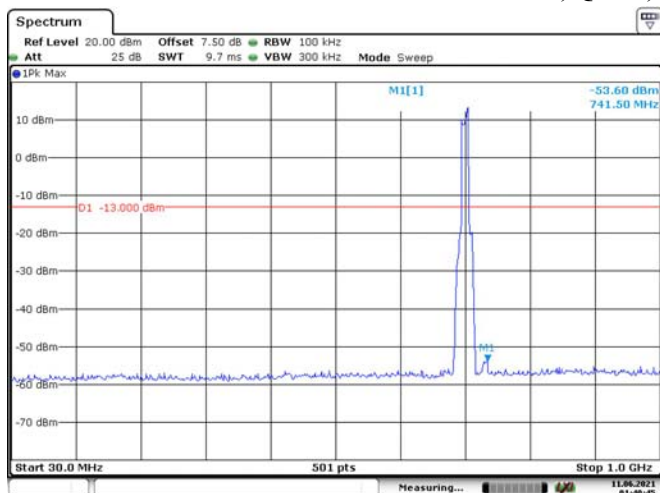


Date: 11.JUN.2021 01:39:50

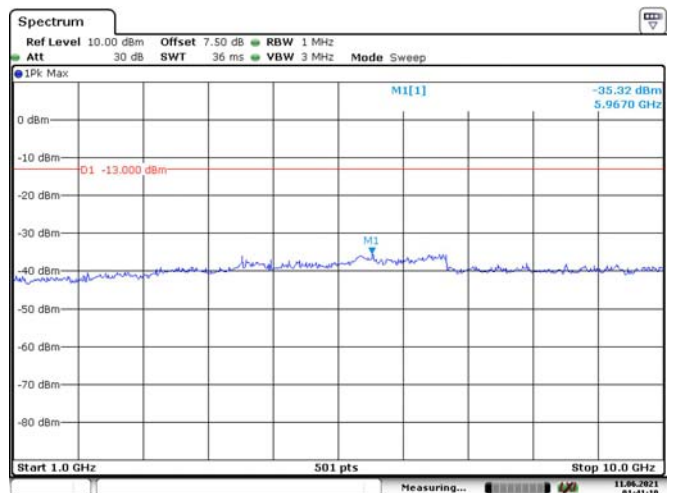


Date: 11.JUN.2021 01:40:18

10M, QPSK, Middle Channel

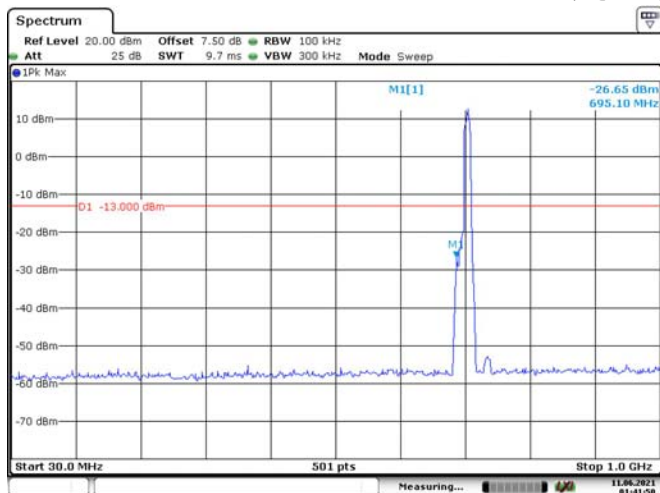


Date: 11.JUN.2021 01:40:45

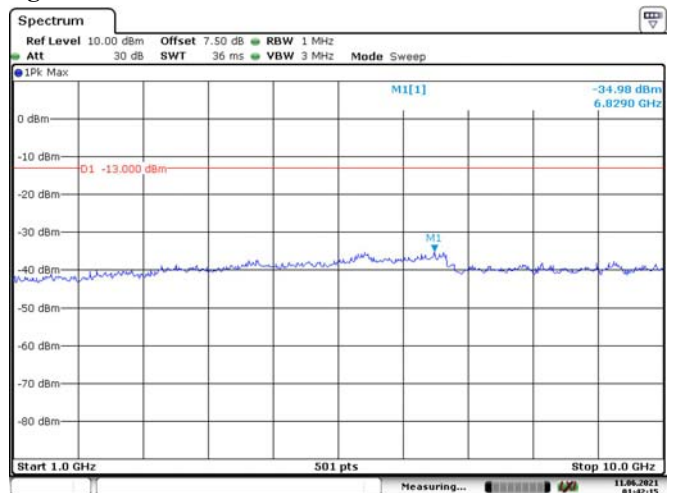


Date: 11.JUN.2021 01:41:18

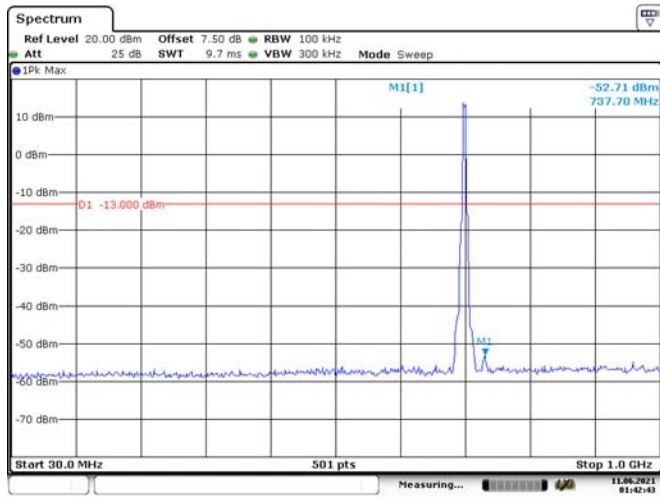
10M, QPSK, High Channel



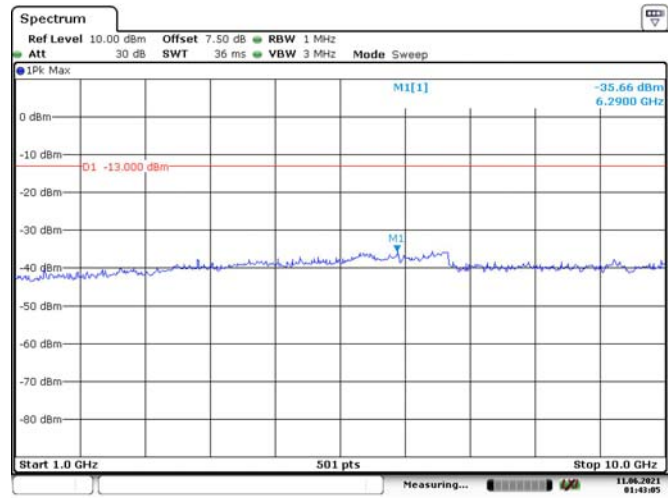
Date: 11.JUN.2021 01:41:50



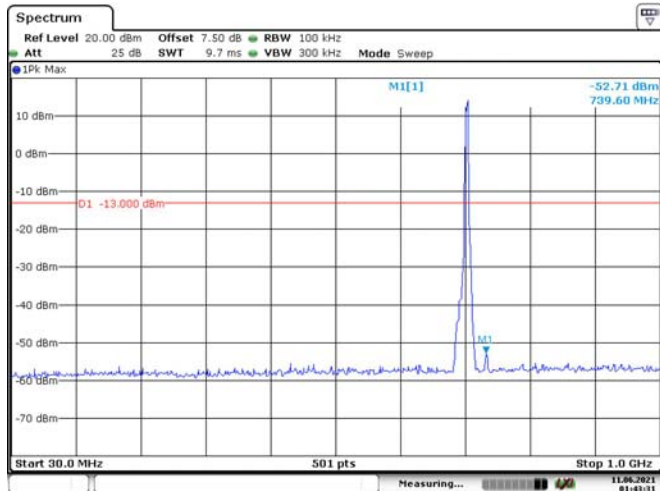
Date: 11.JUN.2021 01:42:15

LTE Band 17:**5M, QPSK, Low Channel**

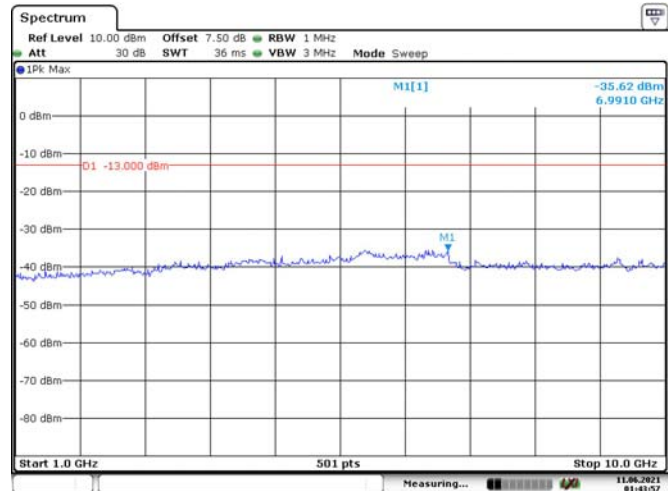
Date: 11.JUN.2021 01:42:44



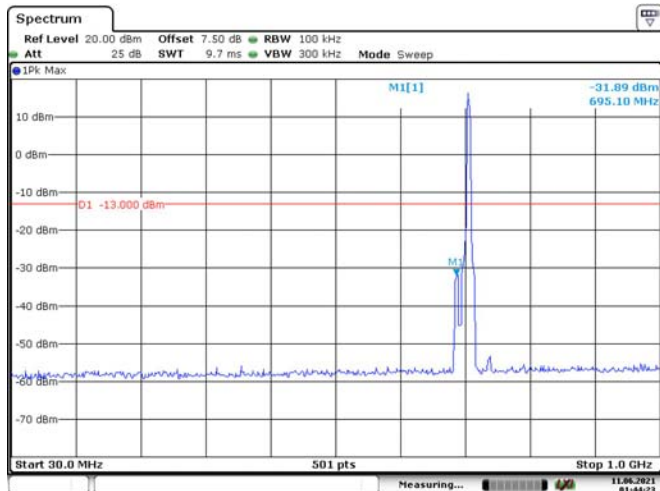
Date: 11.JUN.2021 01:43:06

5M, QPSK, Middle Channel

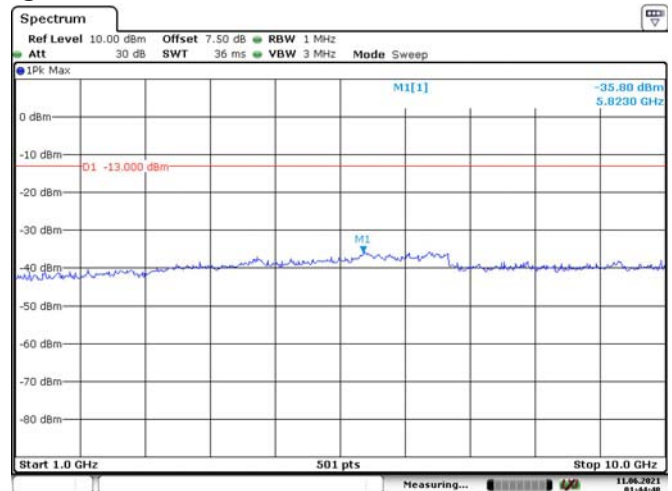
Date: 11.JUN.2021 01:43:32



Date: 11.JUN.2021 01:43:57

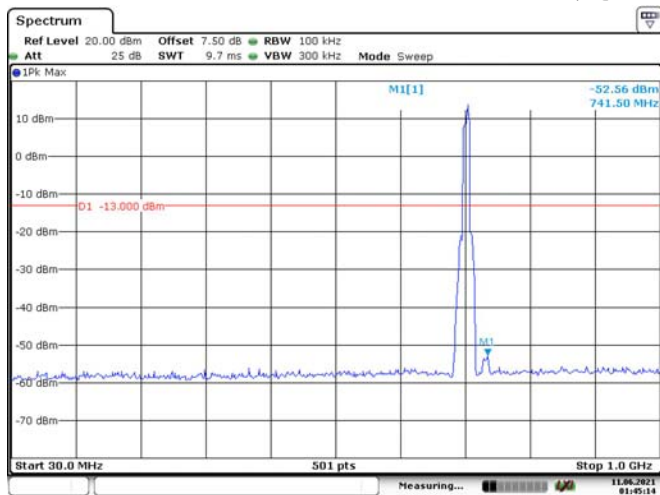
5M, QPSK, High Channel

Date: 11.JUN.2021 01:44:23

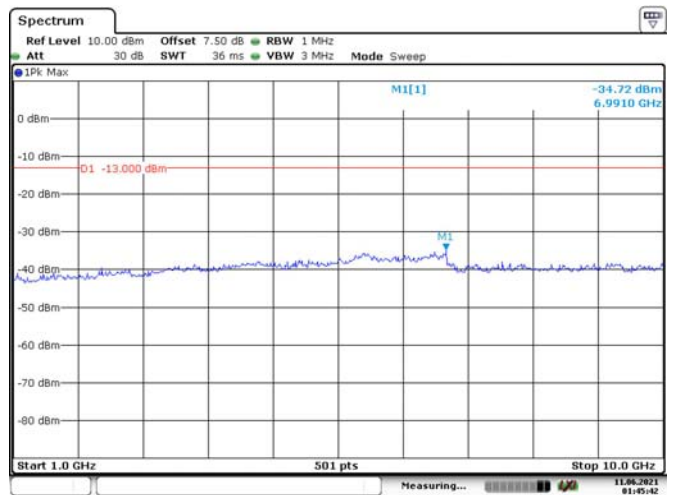


Date: 11.JUN.2021 01:44:46

10M, QPSK, Low Channel

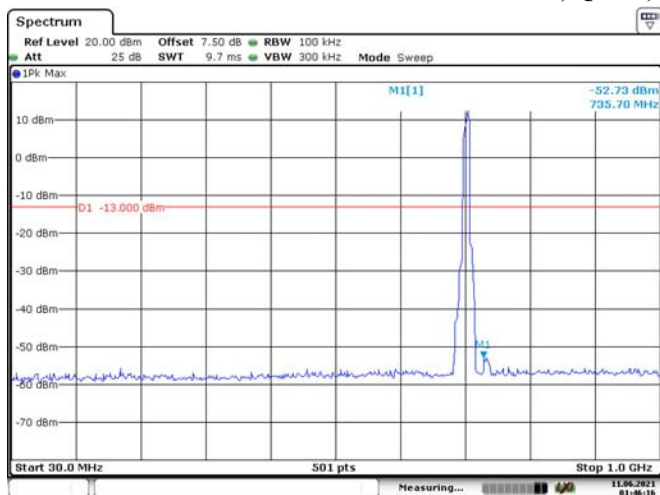


Date: 11.JUN.2021 01:45:14

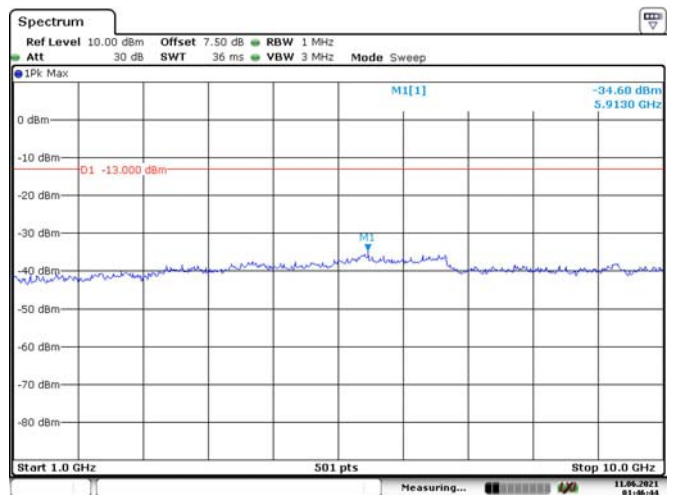


Date: 11.JUN.2021 01:45:42

10M, QPSK, Middle Channel

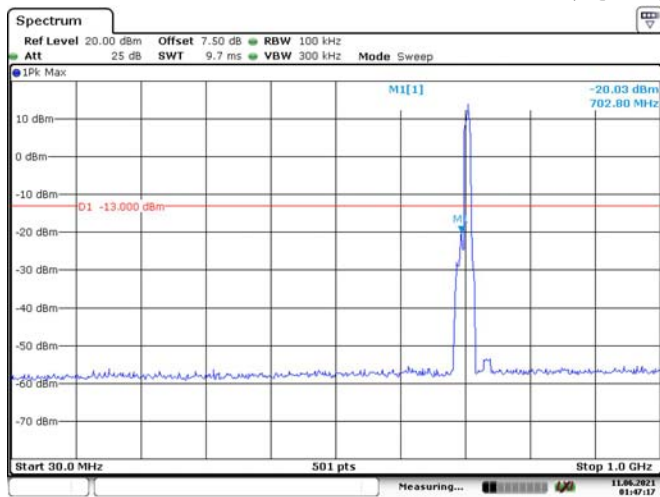


Date: 11.JUN.2021 01:46:16

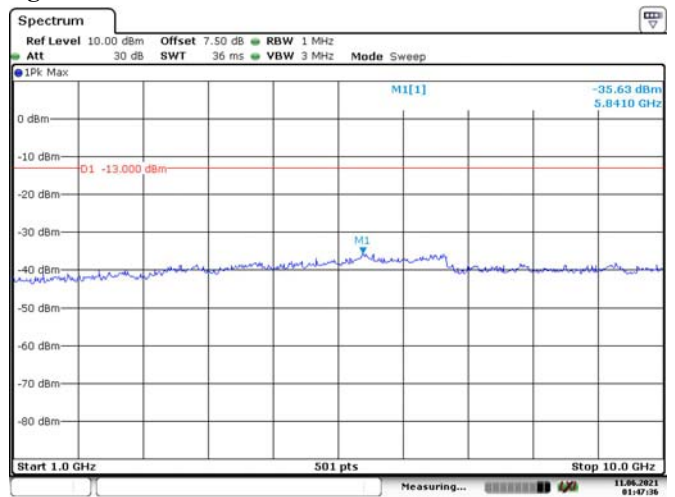


Date: 11.JUN.2021 01:46:44

10M, QPSK, High Channel



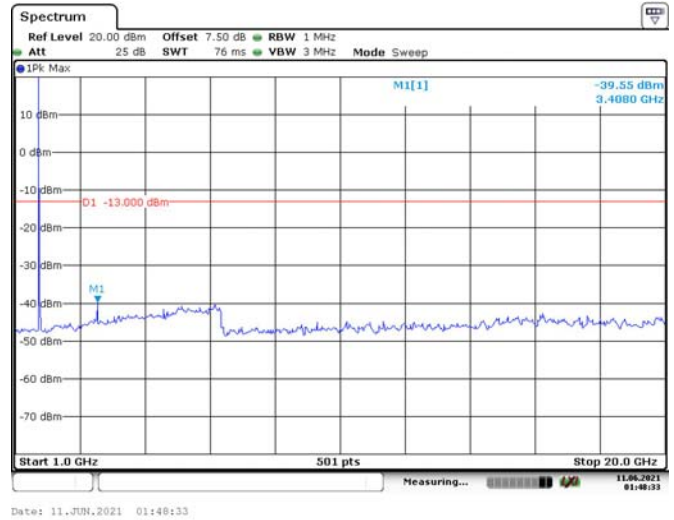
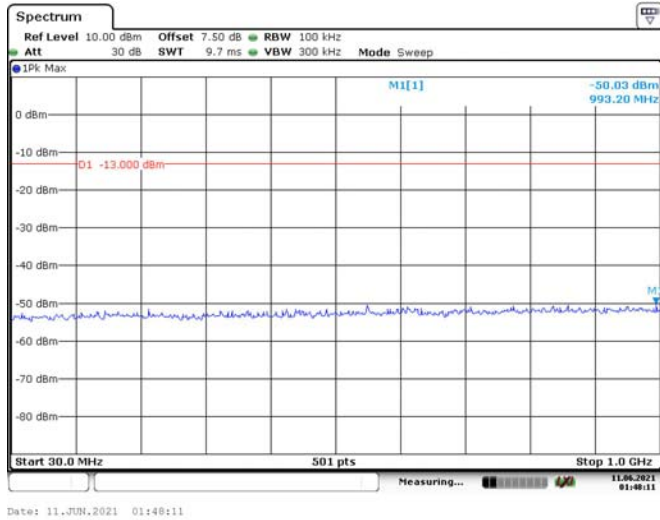
Date: 11.JUN.2021 01:47:17



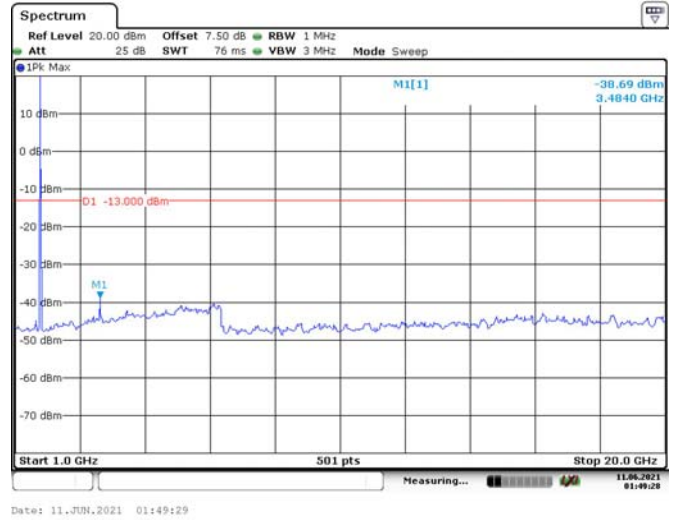
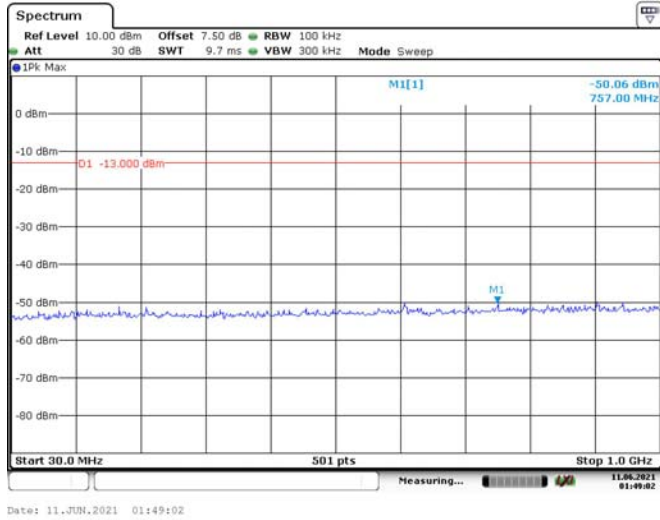
Date: 11.JUN.2021 01:47:36

LTE Band 66:

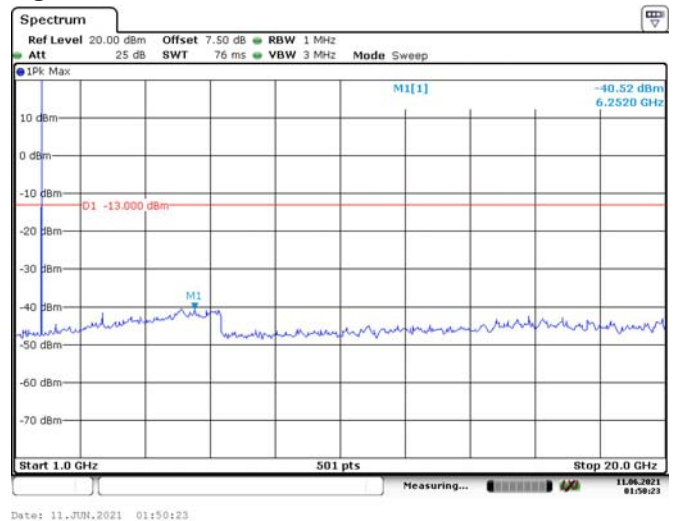
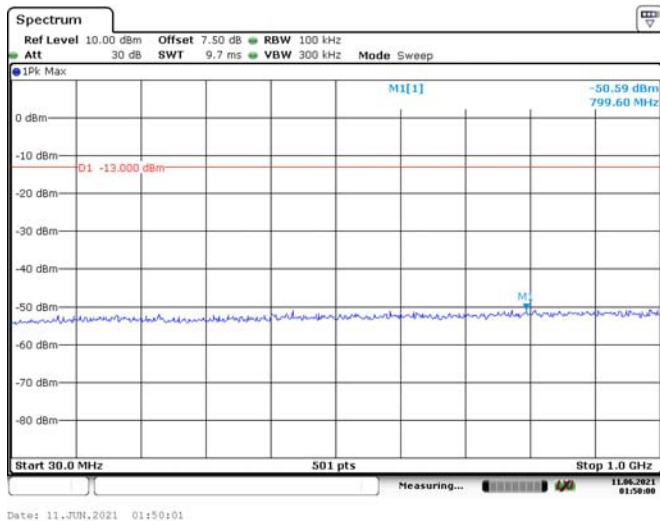
1.4M, QPSK, Low Channel



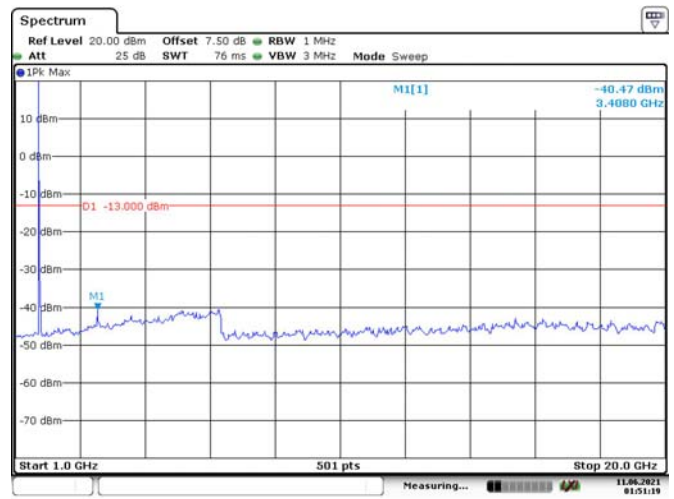
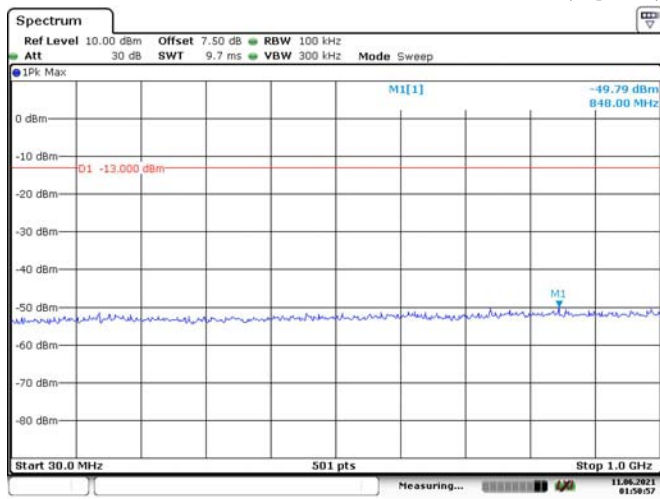
1.4M, QPSK, Middle Channel



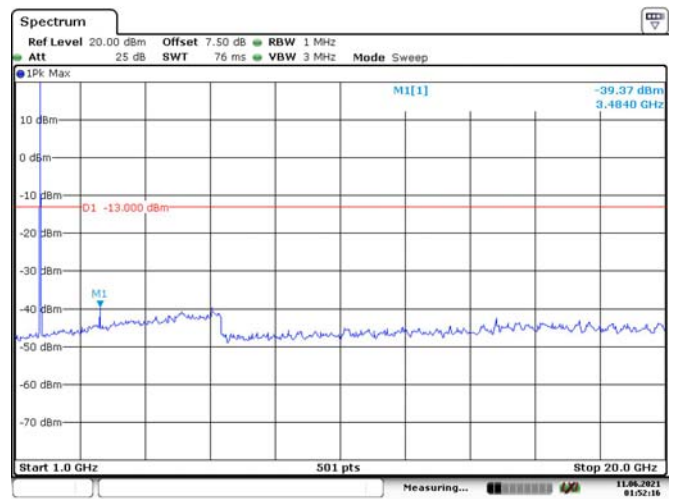
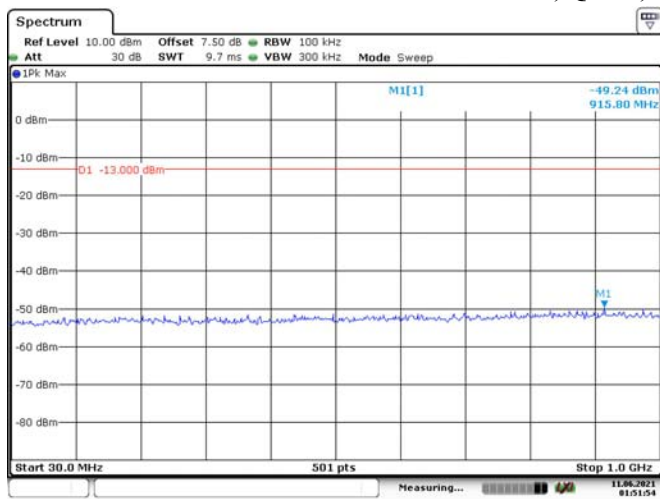
1.4M, QPSK, High Channel



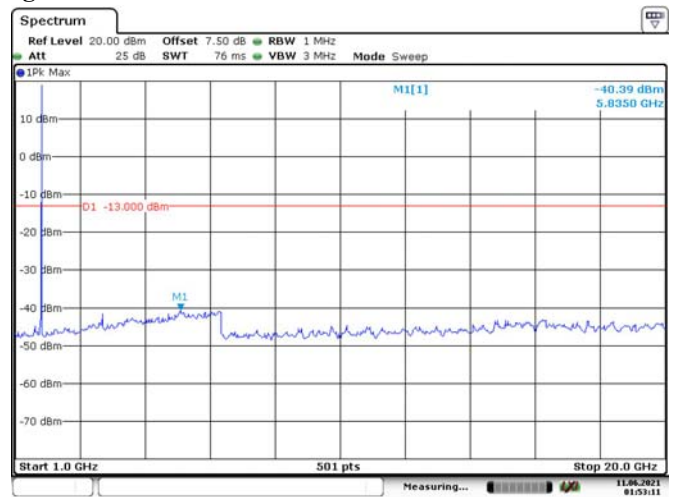
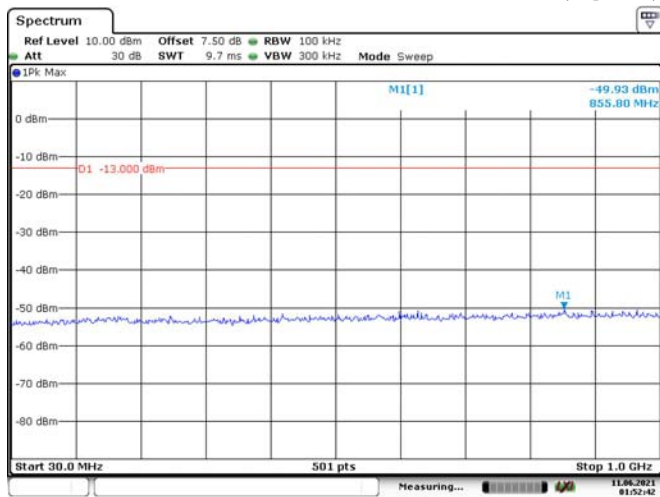
3M, QPSK, Low Channel



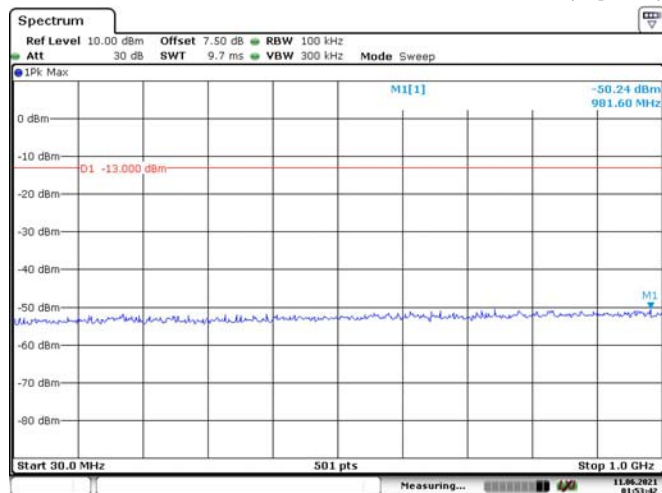
3M, QPSK, Middle Channel



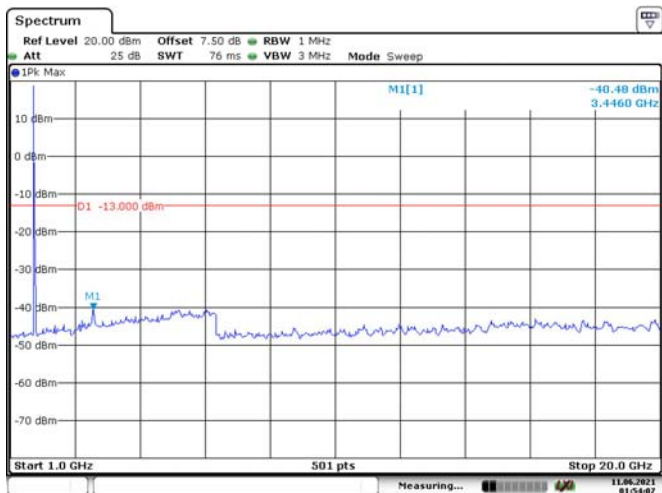
3M, QPSK, High Channel



5M, QPSK, Low Channel

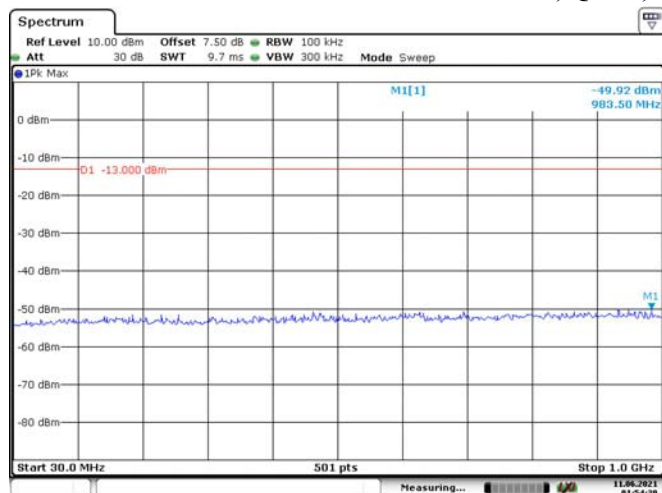


Date: 11.JUN.2021 01:53:42

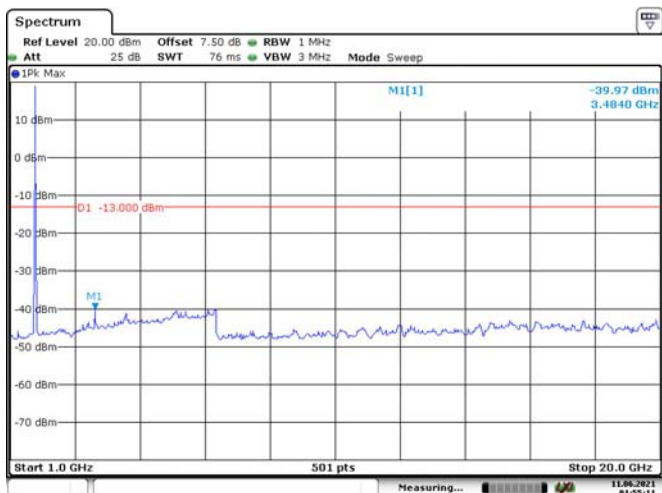


Date: 11.JUN.2021 01:54:07

5M, QPSK, Middle Channel

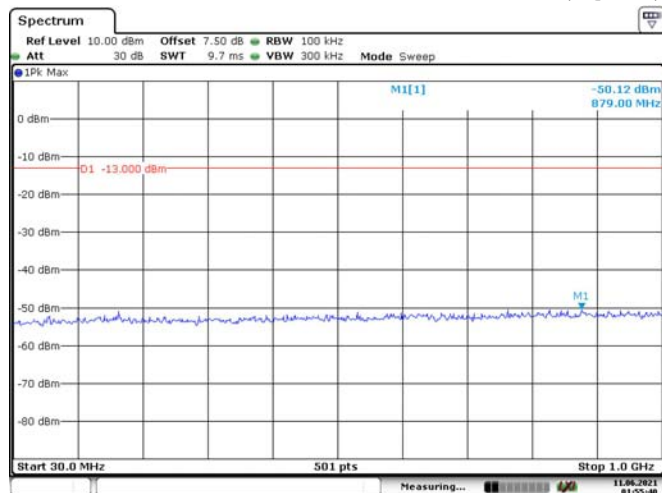


Date: 11.JUN.2021 01:54:40

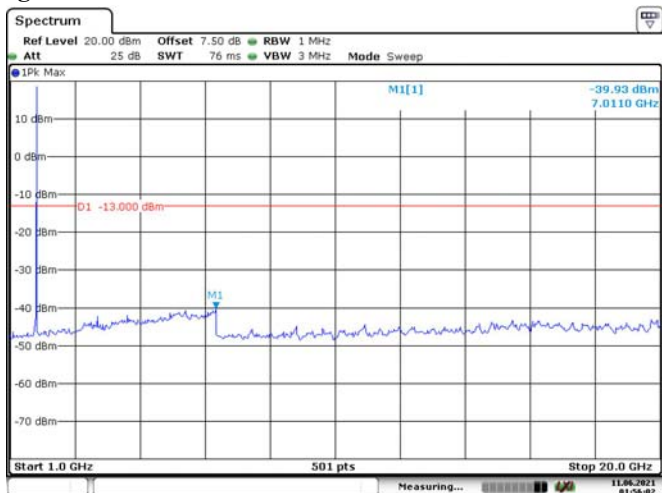


Date: 11.JUN.2021 01:55:11

5M, QPSK, High Channel

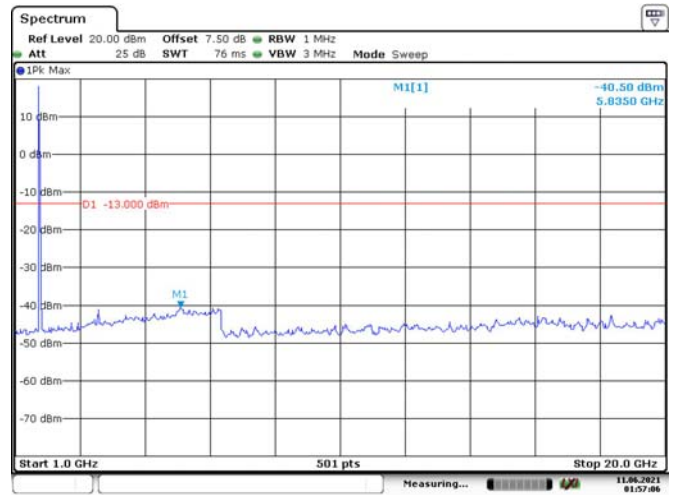
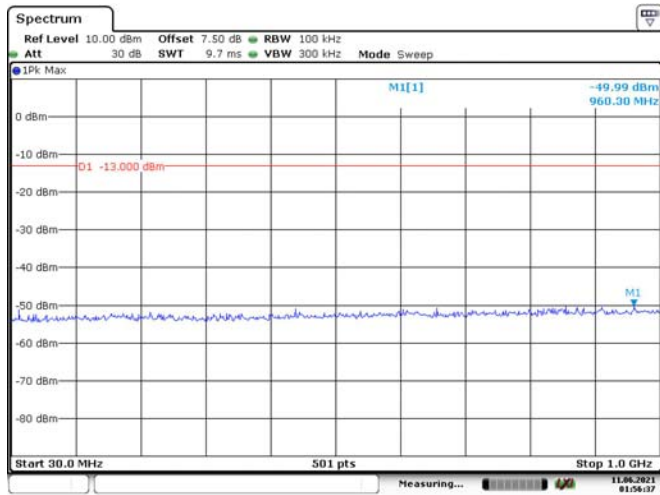


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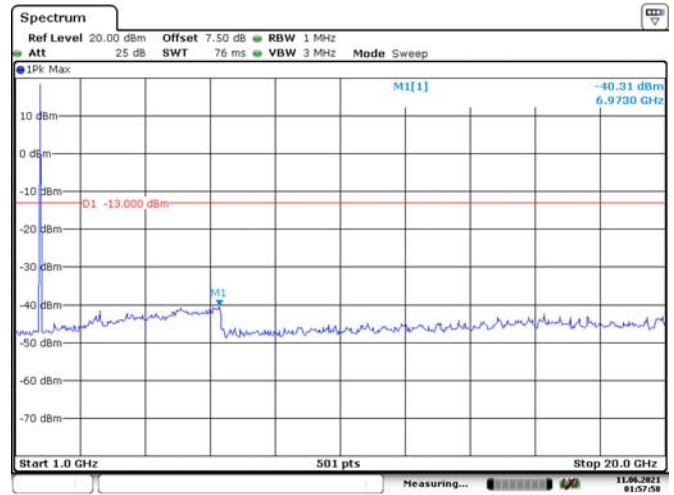
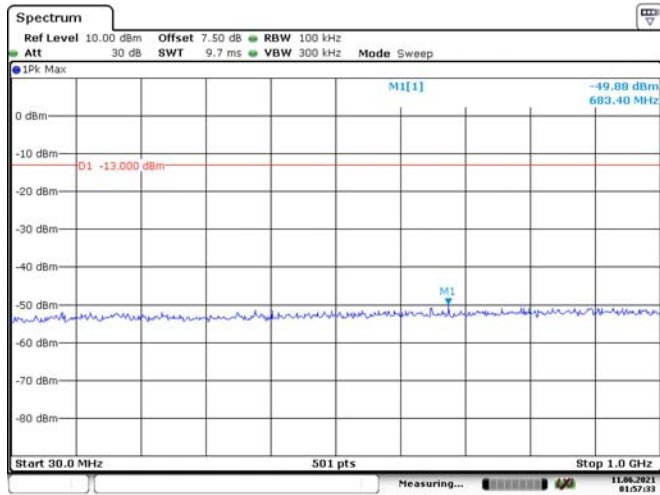


Date: 11.JUN.2021 01:56:02

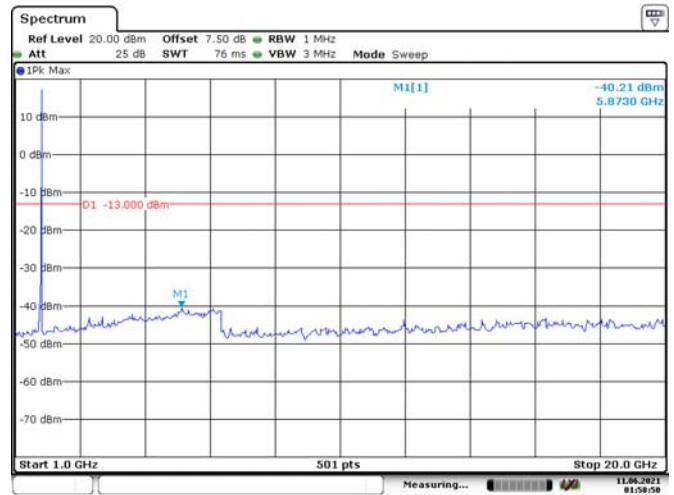
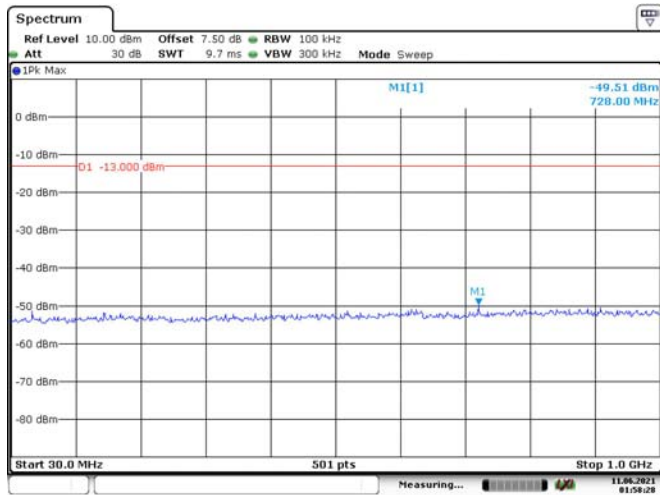
10M, QPSK, Low Channel



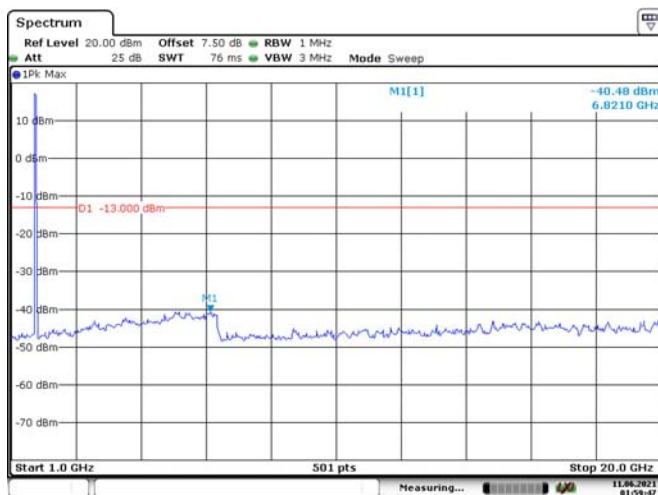
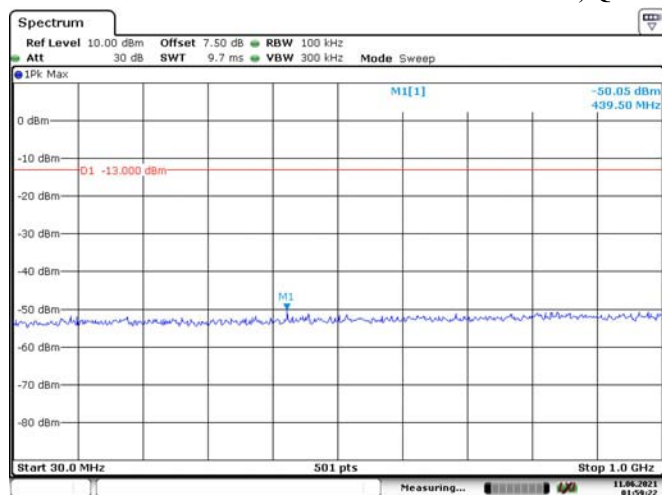
10M, QPSK, Middle Channel



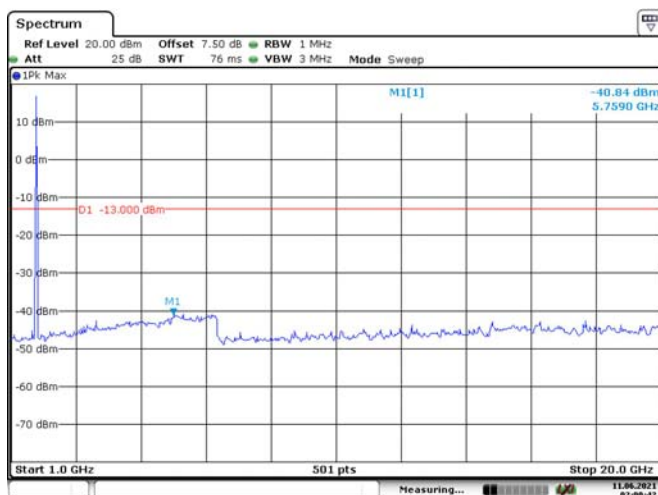
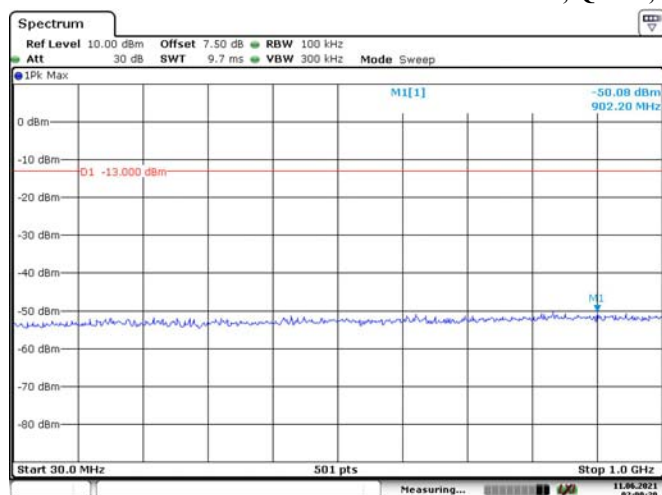
10M, QPSK, High Channel



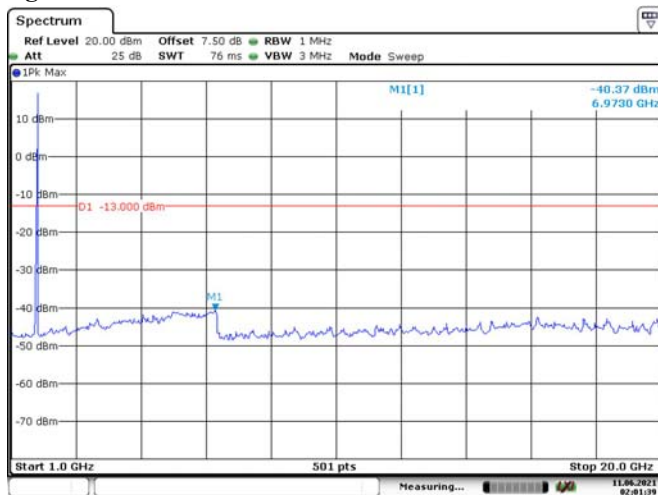
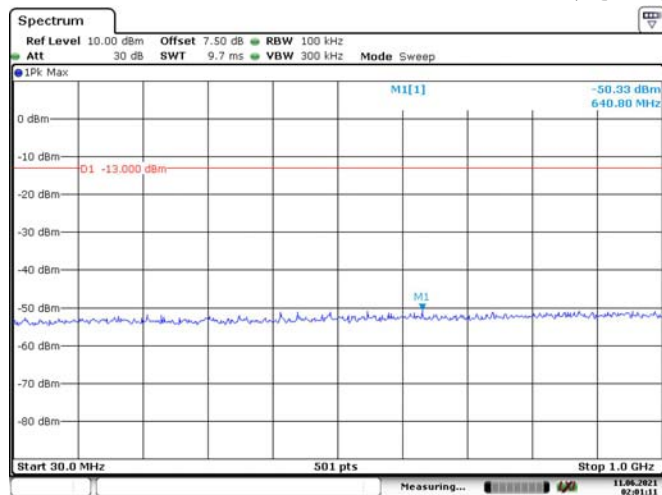
15M, QPSK, Low Channel



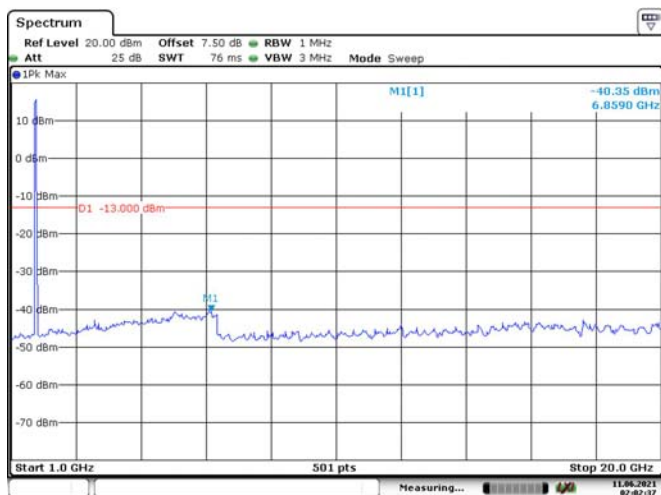
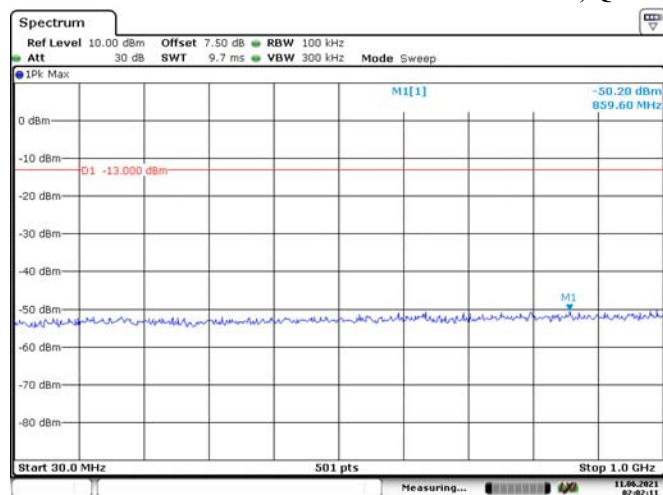
15M, QPSK, Middle Channel



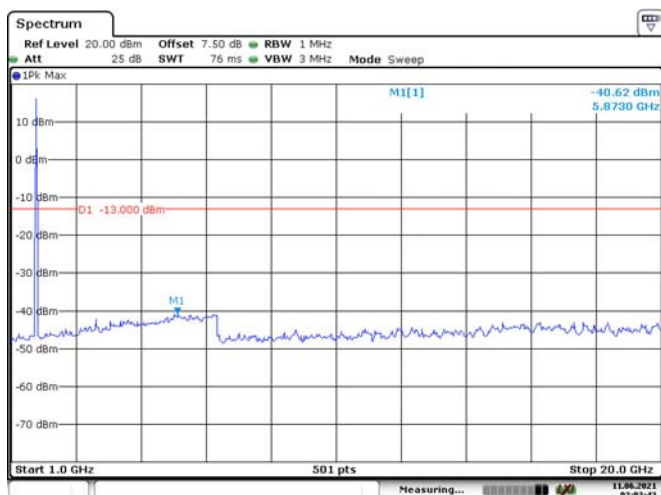
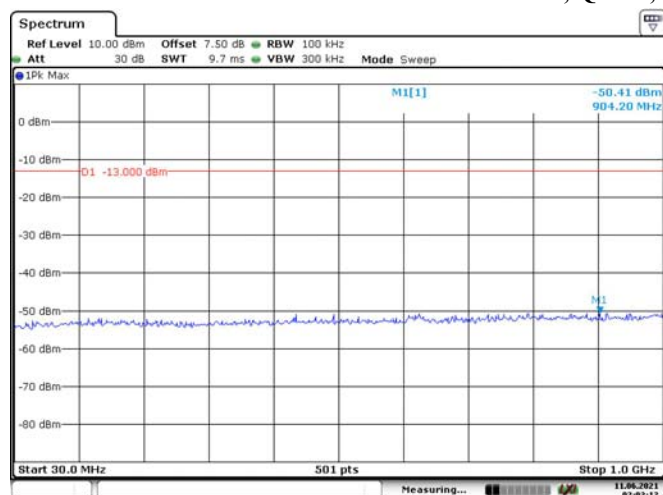
15M, QPSK, High Channel



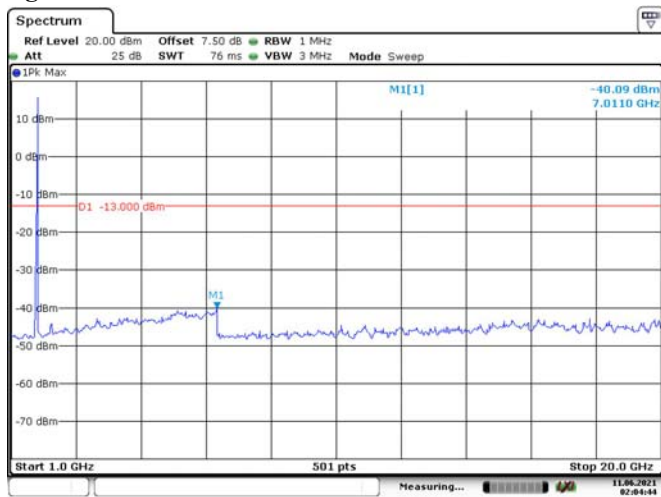
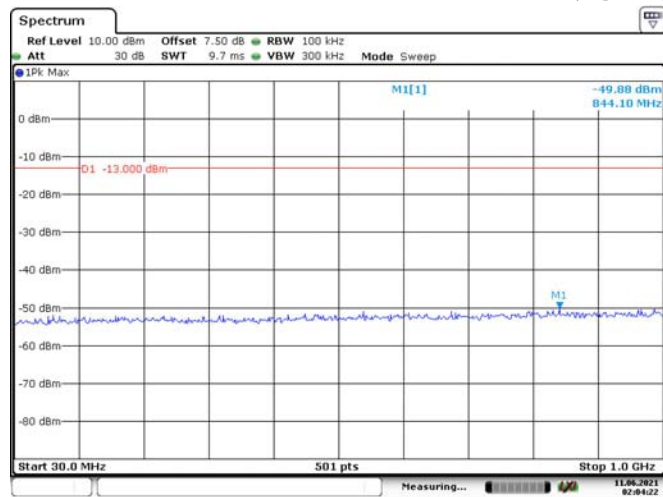
20M, QPSK, Low Channel



20M, QPSK, Middle Channel



20M, QPSK, High Channel



FCC §2.1053, §22.917 & §24.238 & §27.53- SPURIOUS RADIATED EMISSIONS

Applicable Standard

FCC § 2.1053, §22.917, § 24.238 and § 27.53;

Test Procedure

The transmitter was placed on a wooden turntable, and it was transmitting into a non-radiating load which was also placed on the turntable.

The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.

The frequency range up to tenth harmonic of the fundamental frequency was investigated.

Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

Spurious emissions in dB = $10 \lg (\text{TXpwr in Watts}/0.001)$ – the absolute level

Spurious attenuation limit in dB = $43 + 10 \text{Log}_{10} (\text{power out in Watts})$

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB3	A060611-1	2020-11-10	2023-11-10
R&S	EMI Test Receiver	ESR3	102453	2020-09-12	2021-09-12
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2020-09-05	2021-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2020-09-05	2021-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2020-05-06	2021-05-06
HP	Amplifier	8447D	2727A05902	2020-09-05	2021-09-05
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
Unknown	Coaxial Cable	C-NJNJ-50	C-0200-02	2020-09-05	2021-09-05
Agilent	Signal Generator	E8247C	MY43321350	2020-12-09	2021-12-08
ETS-Lindgren	Horn Antenna	3115	9912-5985	2020-10-13	2023-10-12
R&S	Spectrum Analyzer	FSP 38	100478	2020-07-07	2021-07-07
HUBER+SUHNER	Coaxial Cable	SUCOFLEX 126EA	MY369/26/26E A	2020-09-25	2021-09-25
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2020-09-05	2021-09-05
ETS-Lindgren	Horn Antenna	3115	000 527 35	2018-10-12	2021-10-12
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-01 1304	2020-12-05	2023-12-04
Quinstar	Amplifier	QLW-18405536-JO	15964001001	2020-06-27	2021-06-27
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-02 1304	2020-12-05	2023-12-04
Sinoscite	Band-stop filter	BSF1710-1785MN-0383-003	0383003	2020-06-16	2021-06-16
Sinoscite	Band-stop filter	BSF1850-1910MS-0935V2	0935V2	2020-06-16	2021-06-16
Sinoscite	Band-stop filter	BSF824-862MS-1438-001	1438001	2020-06-16	2021-06-16

* **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**

Test Items	Radiation Below 1GHz	Radiation Above 1GHz
Temperature:	27.1°C	24.5°C
Relative Humidity:	54%	24%
ATM Pressure:	100.3kPa	100.5kPa
Tester:	Alex Hu	Jeremy Liang
Test Date:	2021-06-16	2021-06-08

Test Result: Compliance.

EUT Operation Mode: Transmitting

Cellular Band (PART 22H)**30 MHz-10 GHz:**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GSM850 Frequency:824.2MHz								
1648.40	H	55.64	-49.40	10.45	1.28	-40.23	-13.00	27.23
1648.40	V	61.26	-43.71	10.45	1.28	-34.54	-13.00	21.54
2472.60	H	46.17	-57.54	12.16	1.23	-46.61	-13.00	33.61
2472.60	V	47.98	-57.07	12.16	1.23	-46.14	-13.00	33.14
3296.80	H	58.98	-43.28	12.28	1.57	-32.57	-13.00	19.57
3296.80	V	61.74	-39.59	12.28	1.57	-28.88	-13.00	15.88
796.00	H	32.89	-65.87	0.00	0.93	-66.80	-13.00	53.80
74.09	V	30.84	-84.59	-2.96	0.30	-87.85	-13.00	74.85
GSM850 Frequency:836.6MHz								
1673.20	H	60.56	-44.46	10.52	1.27	-35.21	-13.00	22.21
1673.20	V	60.68	-44.27	10.52	1.27	-35.02	-13.00	22.02
2509.80	H	47.79	-55.84	12.20	1.25	-44.89	-13.00	31.89
2509.80	V	47.21	-57.81	12.20	1.25	-46.86	-13.00	33.86
3346.40	H	58.29	-43.89	12.26	1.58	-33.21	-13.00	20.21
3346.40	V	60.83	-40.27	12.26	1.58	-29.59	-13.00	16.59
792.14	H	32.12	-66.75	0.00	0.93	-67.68	-13.00	54.68
56.65	V	33.09	-72.29	-11.84	0.22	-84.35	-13.00	71.35
GSM850 Frequency:848.8MHz								
1697.60	H	60.46	-44.54	10.59	1.26	-35.21	-13.00	22.21
1697.60	V	61.08	-43.85	10.59	1.26	-34.52	-13.00	21.52
2546.40	H	50.27	-53.30	12.22	1.26	-42.34	-13.00	29.34
2546.40	V	50.67	-54.18	12.22	1.26	-43.22	-13.00	30.22
3395.20	H	54.89	-47.20	12.24	1.59	-36.55	-13.00	23.55
3395.20	V	59.48	-41.40	12.24	1.59	-30.75	-13.00	17.75
794.00	H	33.16	-65.66	0.00	0.93	-66.59	-13.00	53.59
59.57	V	33.18	-73.95	-10.50	0.23	-84.68	-13.00	71.68

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band 5 Frequency:826.4 MHz								
1652.80	H	54.13	-50.90	10.46	1.28	-41.72	-13.00	28.72
1652.80	V	54.29	-50.68	10.46	1.28	-41.50	-13.00	28.50
2479.20	H	48.67	-55.03	12.17	1.24	-44.10	-13.00	31.10
2479.20	V	49.12	-55.93	12.17	1.24	-45.00	-13.00	32.00
3305.60	H	56.53	-45.72	12.28	1.57	-35.01	-13.00	22.01
3305.60	V	62.47	-38.82	12.28	1.57	-28.11	-13.00	15.11
64.58	H	33.69	-76.17	-7.87	0.23	-84.27	-13.00	71.27
69.29	V	32.86	-80.39	-5.38	0.24	-86.01	-13.00	73.01
WCDMA Band 5 Frequency:836.6MHz								
1673.20	H	51.53	-53.49	10.52	1.27	-44.24	-13.00	31.24
1673.20	V	52.34	-52.61	10.52	1.27	-43.36	-13.00	30.36
2509.80	H	55.35	-48.28	12.20	1.25	-37.33	-13.00	24.33
2509.80	V	56.62	-48.40	12.20	1.25	-37.45	-13.00	24.45
3346.40	H	59.68	-42.50	12.26	1.58	-31.82	-13.00	18.82
3346.40	V	61.89	-39.21	12.26	1.58	-28.53	-13.00	15.53
787.00	H	32.58	-66.43	0.00	0.93	-67.36	-13.00	54.36
73.67	V	31.26	-84.00	-3.17	0.29	-87.46	-13.00	74.46
WCDMA Band 5 Frequency:846.6MHz								
1693.20	H	51.97	-53.03	10.58	1.26	-43.71	-13.00	30.71
1693.20	V	52.94	-52.00	10.58	1.26	-42.68	-13.00	29.68
2539.80	H	55.41	-48.17	12.22	1.26	-37.21	-13.00	24.21
2539.80	V	56.23	-48.65	12.22	1.26	-37.69	-13.00	24.69
3386.40	H	59.26	-42.85	12.25	1.59	-32.19	-13.00	19.19
3386.40	V	62.54	-38.38	12.25	1.59	-27.72	-13.00	14.72
776.00	H	33.18	-66.14	0.00	0.93	-67.07	-13.00	54.07
74.65	V	30.47	-85.20	-2.68	0.31	-88.19	-13.00	75.19

PCS Band (PART 24E)**30 MHz-20 GHz:**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GSM1900 Frequency:1850.2MHz								
3700.40	H	61.61	-39.68	12.24	1.55	-28.99	-13.00	15.99
3700.40	V	56.34	-44.37	12.24	1.55	-33.68	-13.00	20.68
5550.60	H	57.92	-38.61	12.87	1.26	-27.00	-13.00	14.00
5550.60	V	57.06	-39.86	12.87	1.26	-28.25	-13.00	15.25
46.96	H	30.18	-71.17	-17.88	0.21	-89.26	-13.00	76.26
52.77	V	31.52	-71.53	-13.63	0.22	-85.38	-13.00	72.38
GSM 1900 Frequency:1880MHz								
3760.00	H	59.79	-41.31	12.25	1.53	-30.59	-13.00	17.59
3760.00	V	57.88	-42.93	12.25	1.53	-32.21	-13.00	19.21
5640.00	H	56.58	-39.71	13.00	1.28	-27.99	-13.00	14.99
5640.00	V	56.64	-39.95	13.00	1.28	-28.23	-13.00	15.23
125.45	H	28.29	-75.81	0.00	0.32	-76.13	-13.00	63.13
60.52	V	29.68	-78.04	-10.02	0.23	-88.29	-13.00	75.29
GSM 1900 Frequency:1909.8MHz								
3819.60	H	57.62	-43.30	12.26	1.51	-32.55	-13.00	19.55
3819.60	V	57.41	-43.49	12.26	1.51	-32.74	-13.00	19.74
5729.40	H	57.78	-38.27	13.12	1.31	-26.46	-13.00	13.46
5729.40	V	57.33	-38.94	13.12	1.31	-27.13	-13.00	14.13
52.36	H	31.22	-74.13	-13.81	0.21	-88.15	-13.00	75.15
80.87	V	29.31	-88.19	0.00	0.38	-88.57	-13.00	75.57