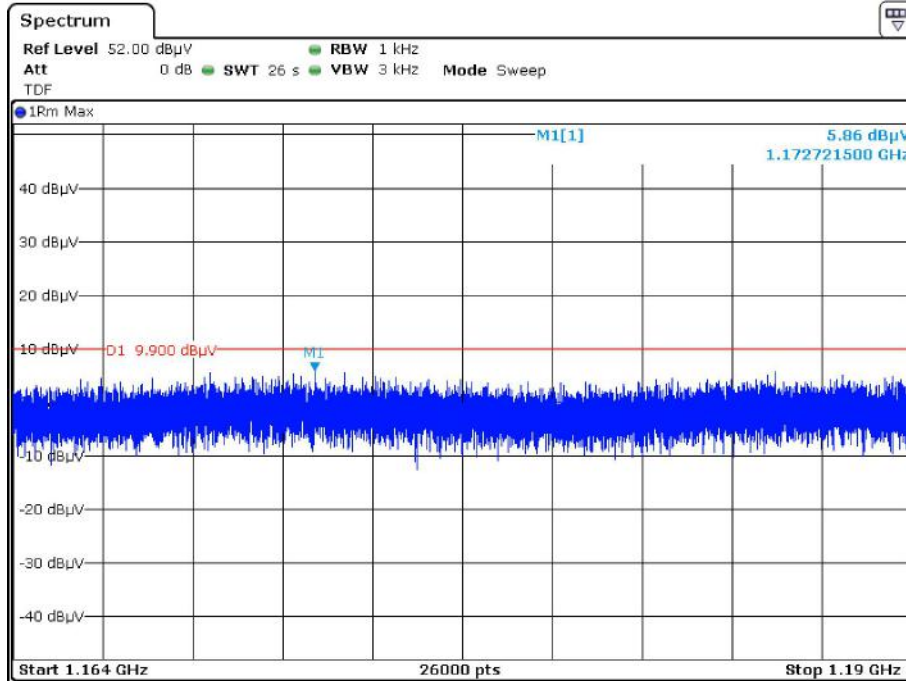
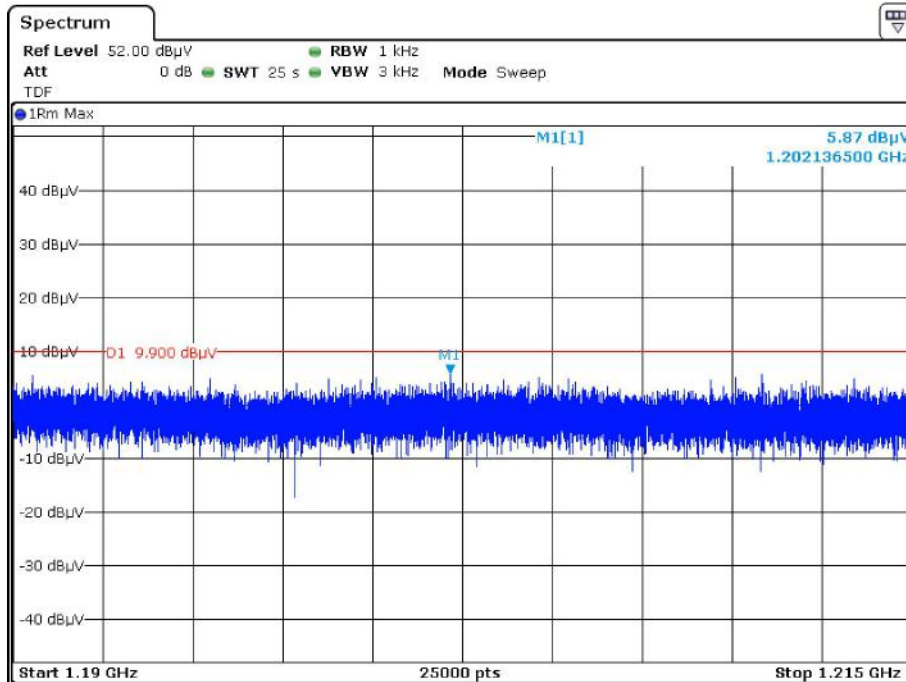


1164-1240MHz:

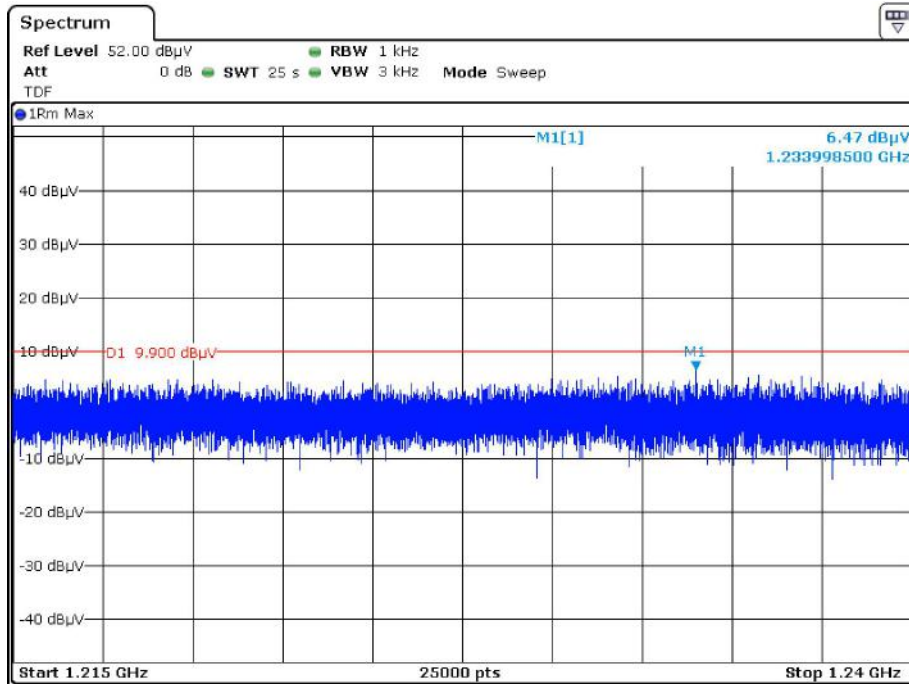
Horizontal



Date: 31.MAR.2022 12:16:36

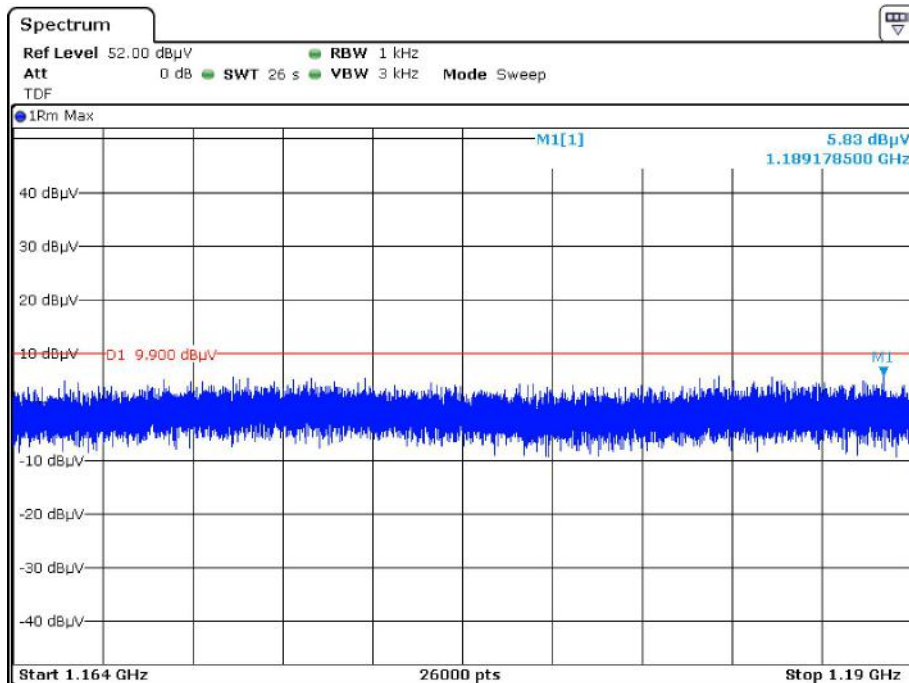


Date: 31.MAR.2022 12:18:18

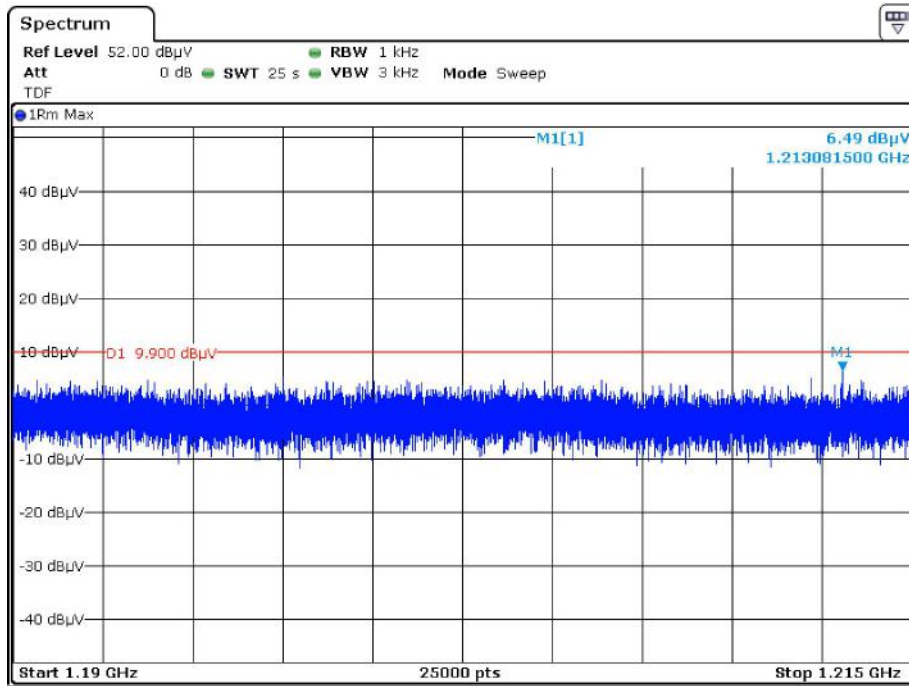


Date: 31.MAR.2022 12:19:45

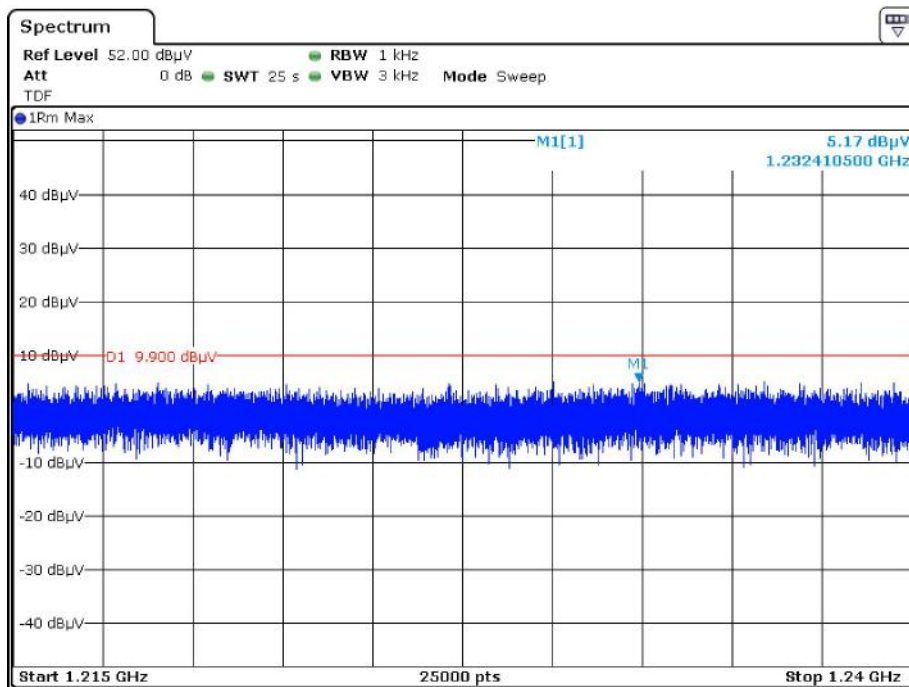
Vertical



Date: 31.MAR.2022 12:22:25



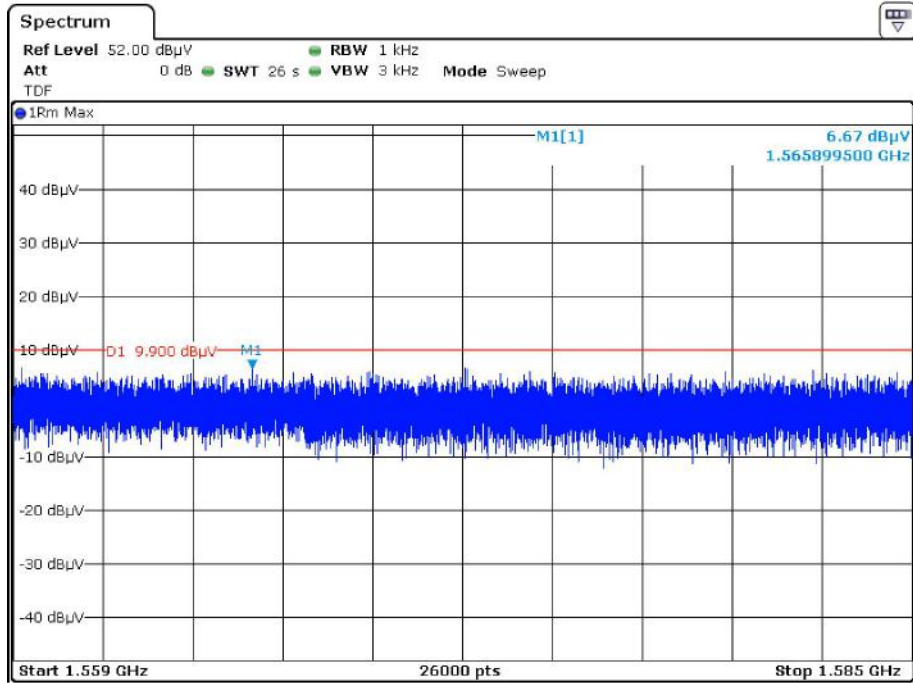
Date: 31.MAR.2022 12:24:13



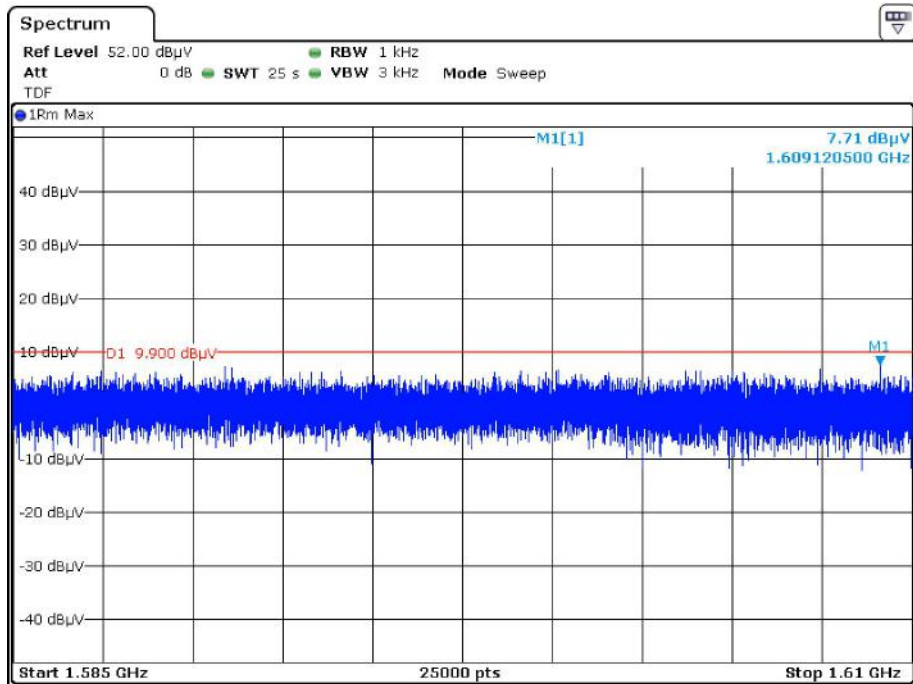
Date: 31.MAR.2022 12:26:07

1559-1610MHz:

Horizontal

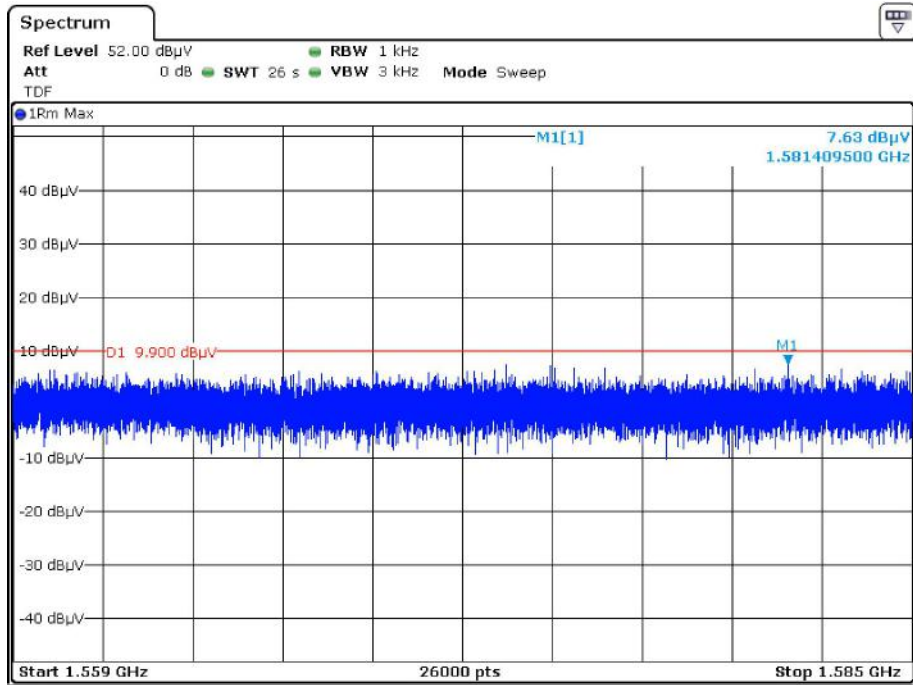


Date: 31.MAR.2022 12:28:02

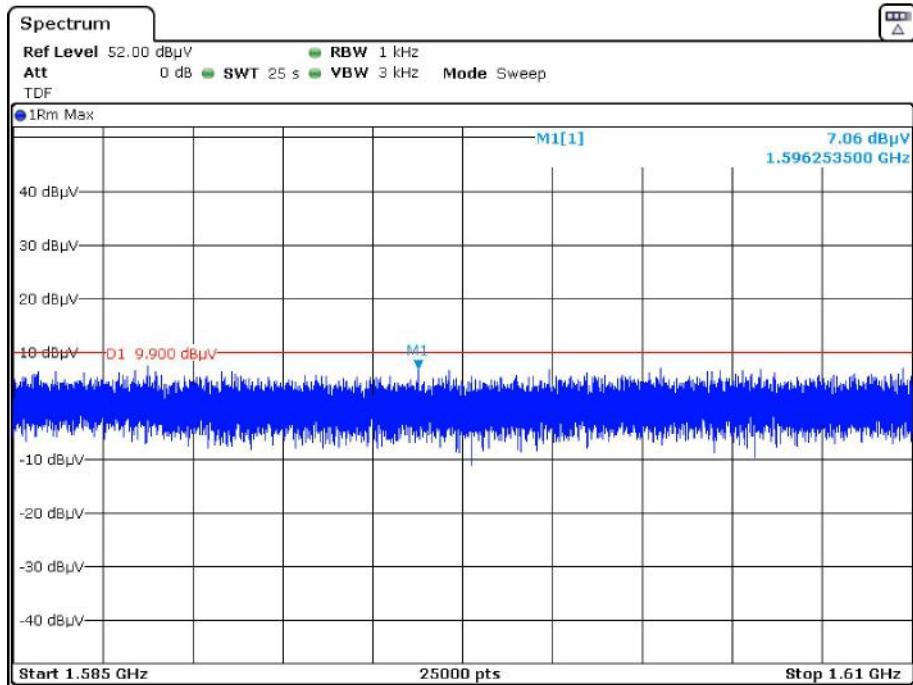


Date: 31.MAR.2022 12:29:36

Vertical



Date: 31.MAR.2022 12:31:37



Date: 31.MAR.2022 12:33:21

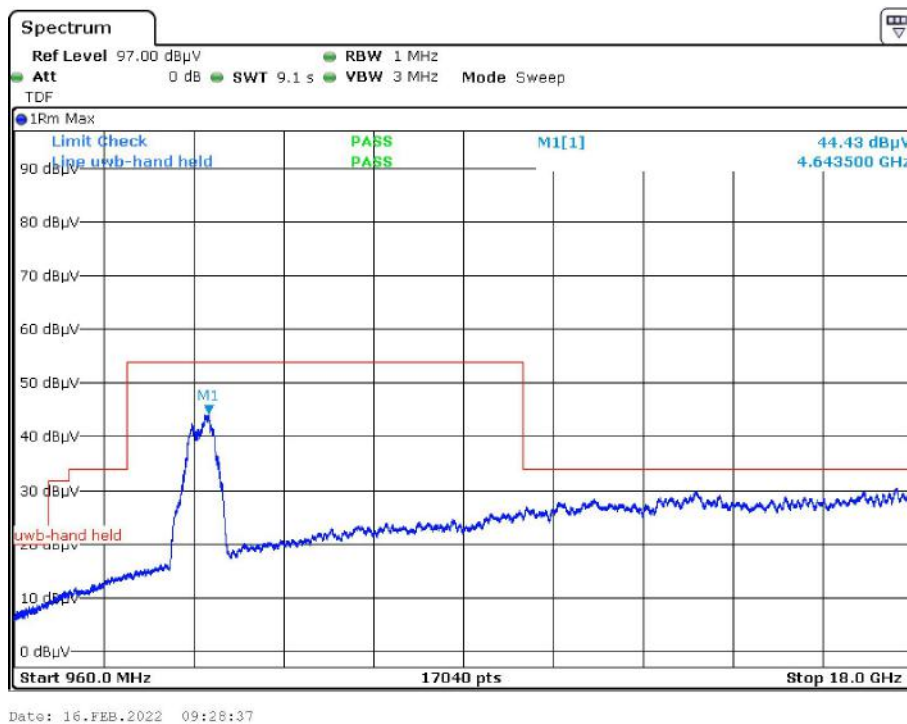
CH3 4493MHZ-PRF64-850K

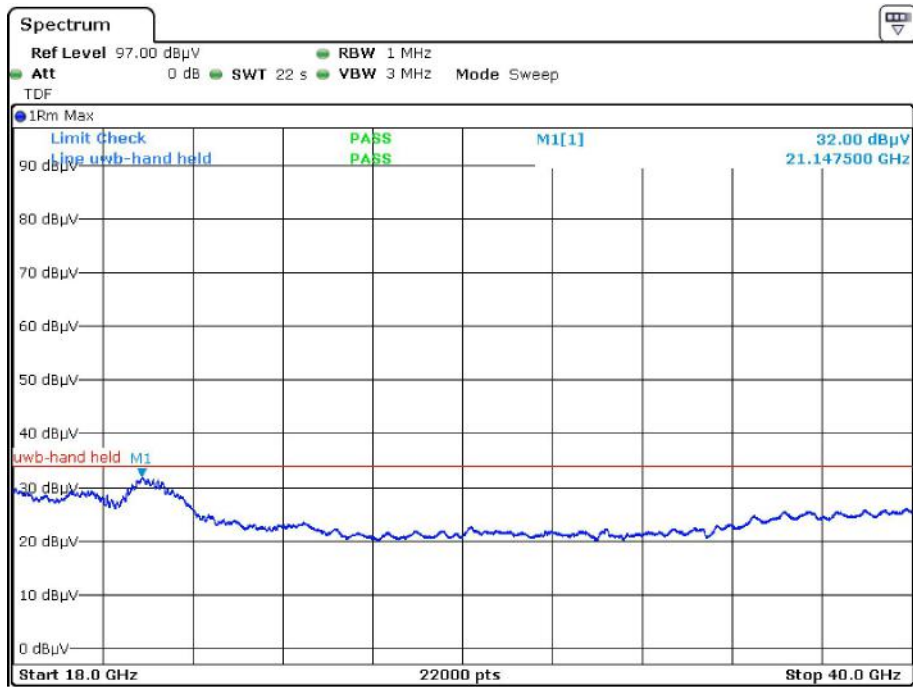
Spurious radiated emission above 960MHz in non GPS band:

1. The test distance is 3m.
2. $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d = 3$ meters.
3. The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.

Frequency (MHz)	Corrected Amplitude (dBμV/m)	EIRP (dBm)	Detector	Turntable	Rx Antenna		Part15.519	
				Degree	Height (m)	Polar (H / V)	EIRP Limit (dBm)	Margin (dB)
4643.5	44.43	-50.77	RMS	67	2.2	H	-41.3	-9.47
4581.5	39.90	-55.30	RMS	237	1.4	V	-41.3	-14.00
21147.5	32.00	-63.20	RMS	55	1.6	H	-61.3	-1.90
21173.5	31.89	-63.31	RMS	26	2.2	V	-61.3	-2.01

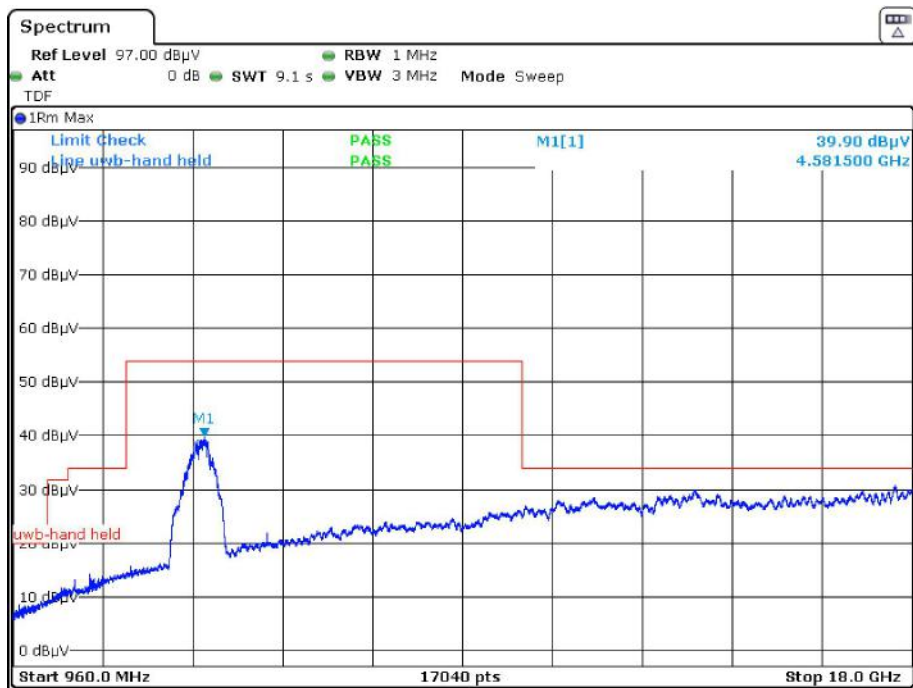
Horizontal



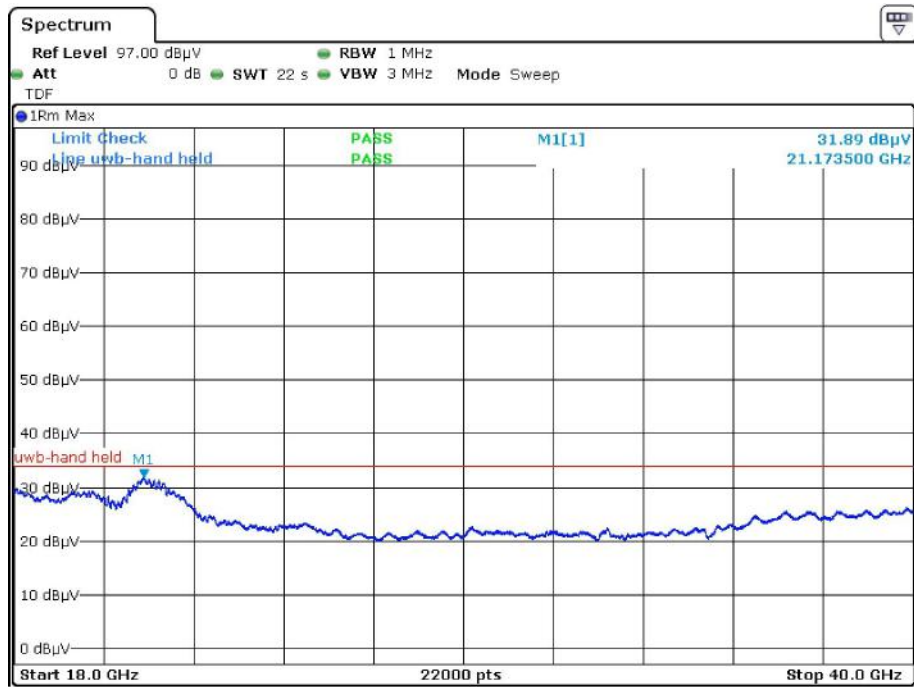


Date: 23.FEB.2022 09:43:16

Vertical



Date: 16.FEB.2022 09:41:46



Date: 23.FEB.2022 09:46:51

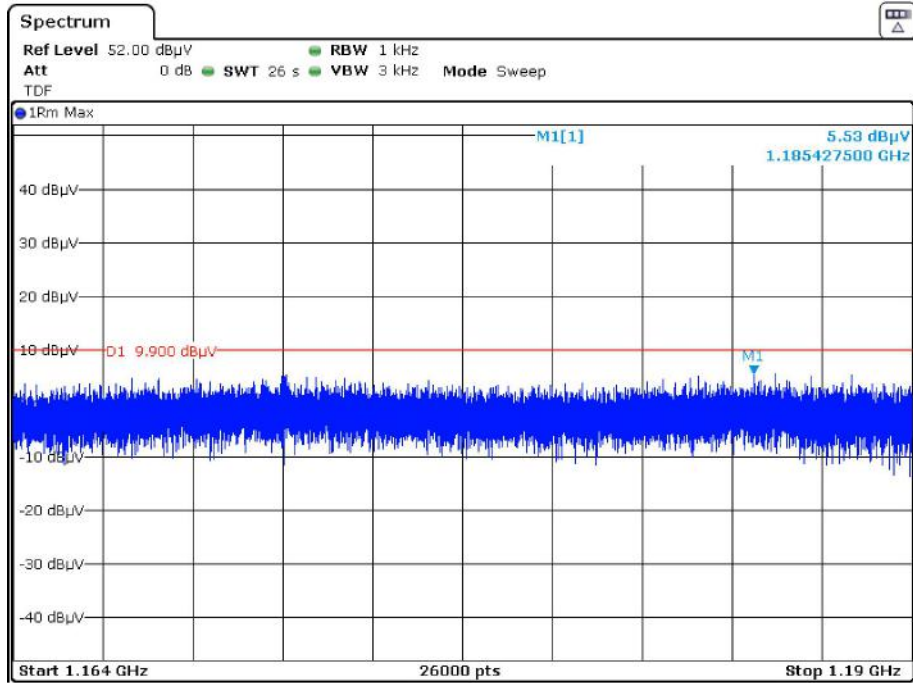
Spurious radiated emission above 960MHz in GPS band:

1. The test distance is 3m.
2. $E[dB\mu V/m] = EIRP[dBm] + 95.2$, for $d = 3$ meters.
3. The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.

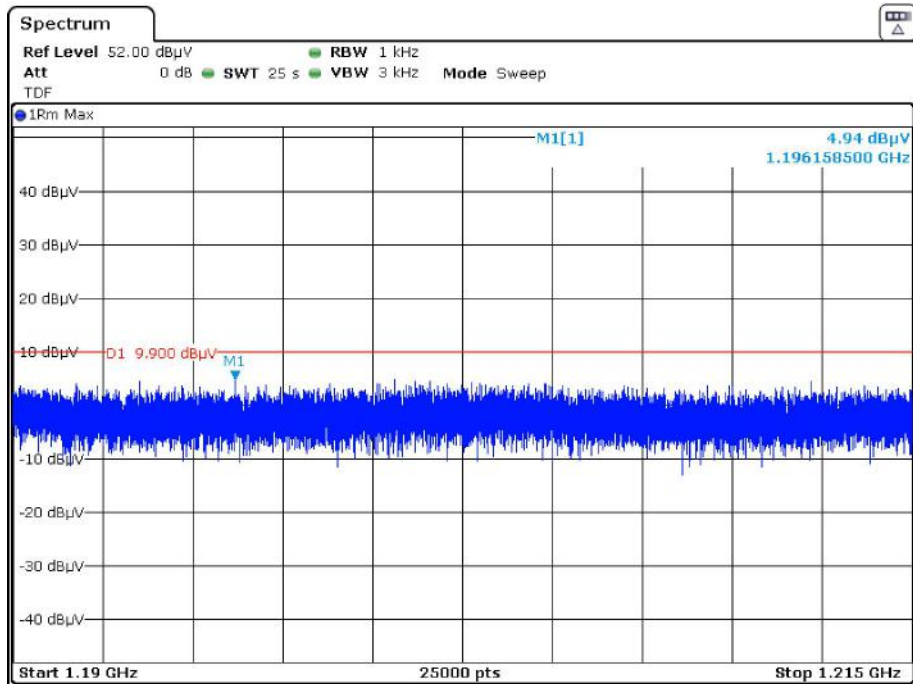
Frequency (MHz)	Corrected Amplitude (dBμV/m)	EIRP (dBm)	Detector	Turntable Degree	Rx Antenna		Part 15.519	
					Height (m)	Polar (H / V)	EIRP Limit (dBm)	Margin (dB)
1185.43	5.53	-89.67	RMS	113	1.0	H	-85.3	-4.37
1175.08	6.78	-88.42	RMS	345	1.1	V	-85.3	-3.12
1196.16	4.94	-90.26	RMS	269	1.1	H	-85.3	-4.96
1204.05	5.55	-89.65	RMS	102	2.1	V	-85.3	-4.35
1234.80	7.22	-87.98	RMS	224	1.8	H	-85.3	-2.68
1229.24	5.83	-89.37	RMS	166	1.1	V	-85.3	-4.07
1565.87	7.72	-87.48	RMS	222	1.5	H	-85.3	-2.18
1559.76	6.92	-88.28	RMS	273	1.3	V	-85.3	-2.98
1603.03	7.80	-87.40	RMS	312	1.1	H	-85.3	-2.1
1607.25	7.24	-87.96	RMS	264	2.3	V	-85.3	-2.66

1164-1240MHz:

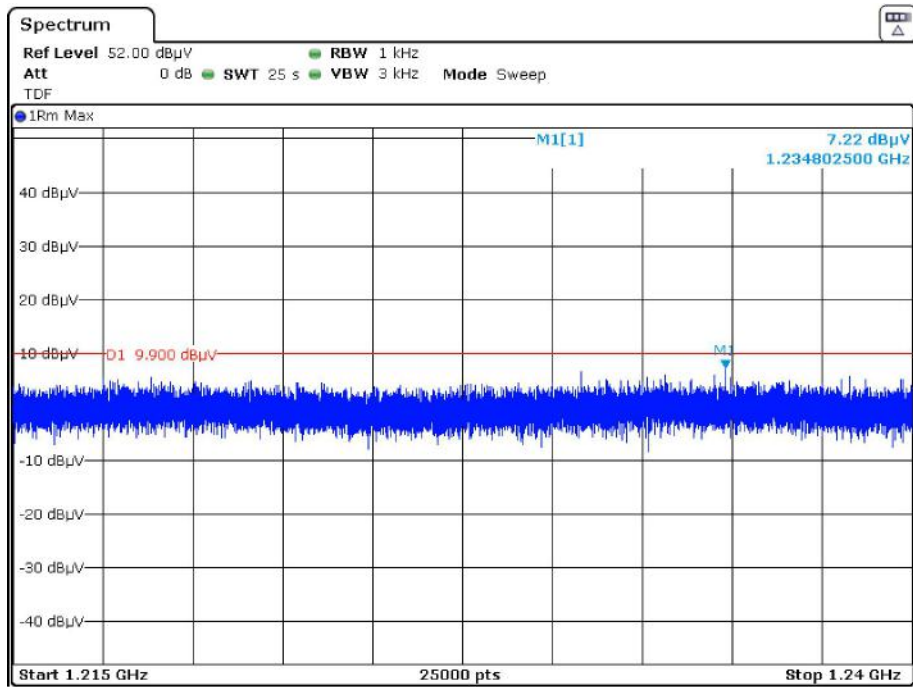
Horizontal



Date: 31.MAR.2022 13:02:45

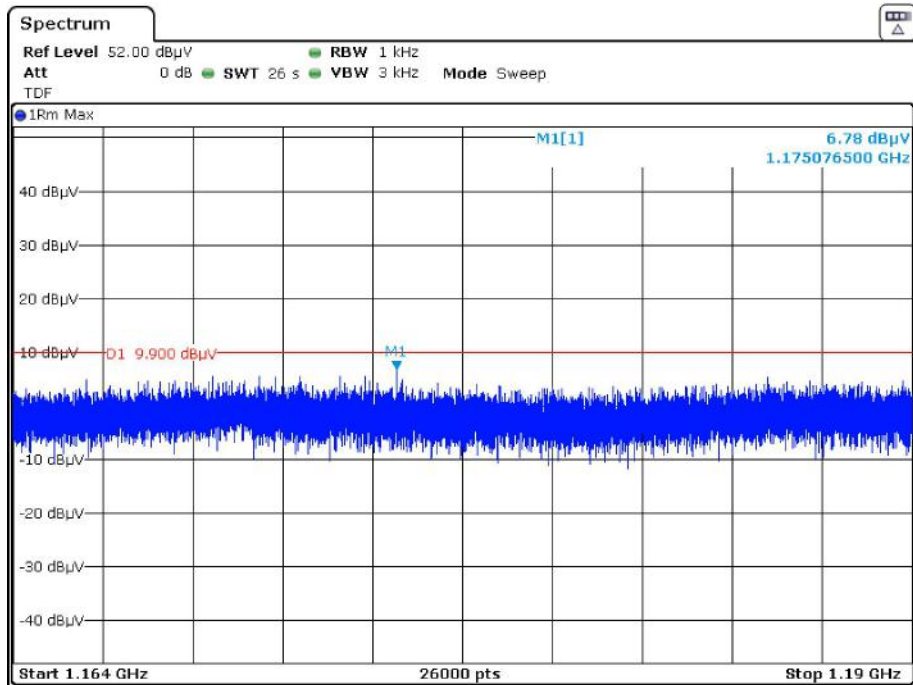


Date: 31.MAR.2022 13:04:29

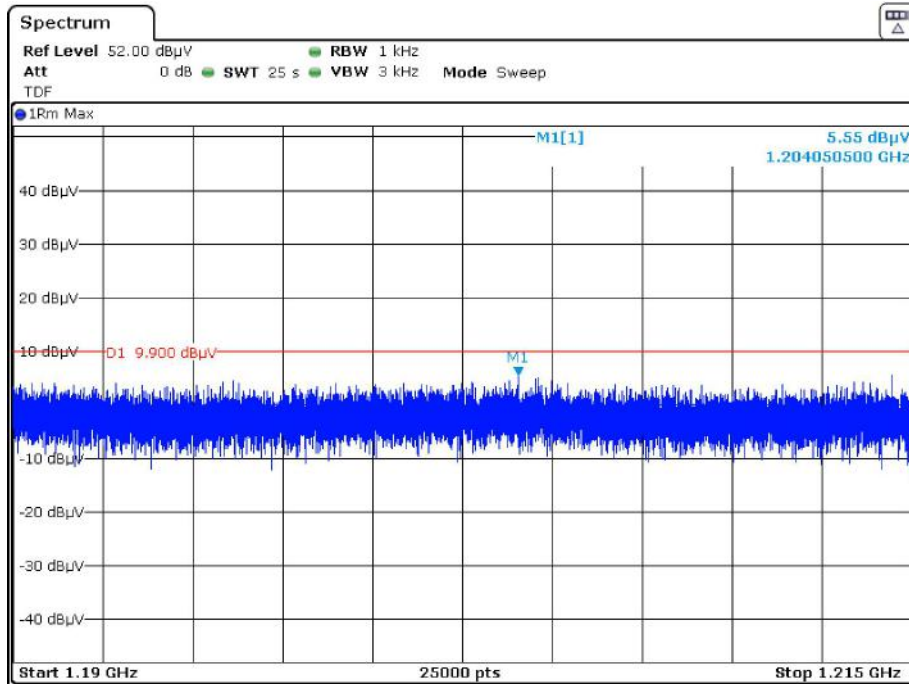


Date: 31.MAR.2022 13:07:27

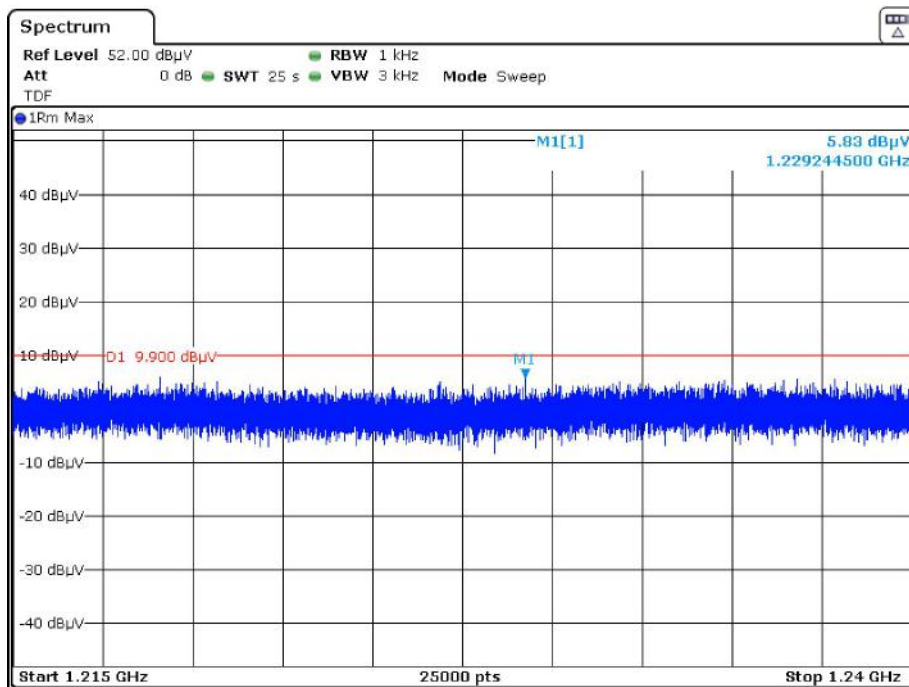
Vertical



Date: 31.MAR.2022 12:52:36



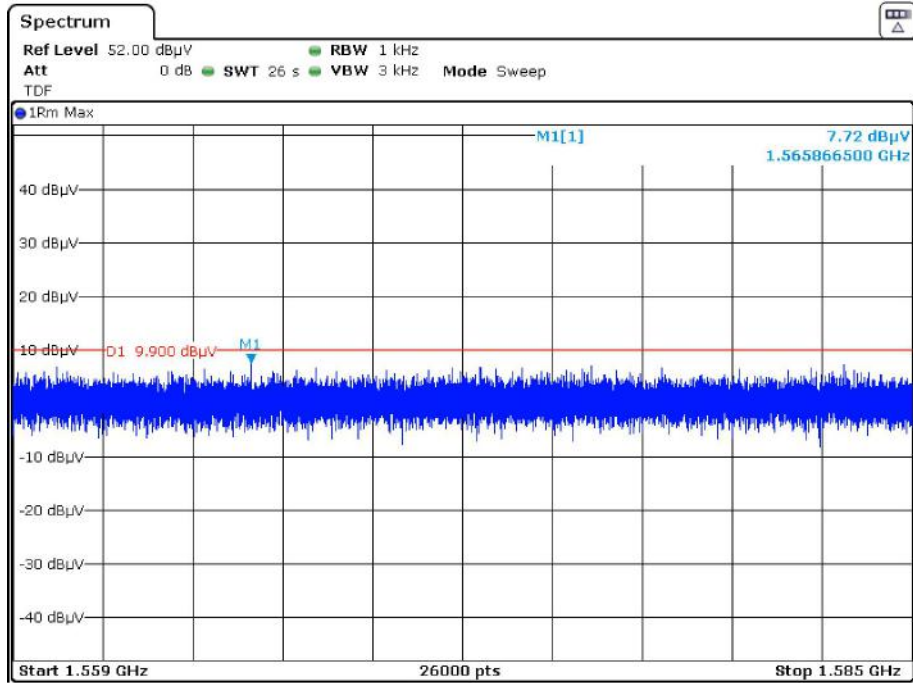
Date: 31.MAR.2022 12:54:12



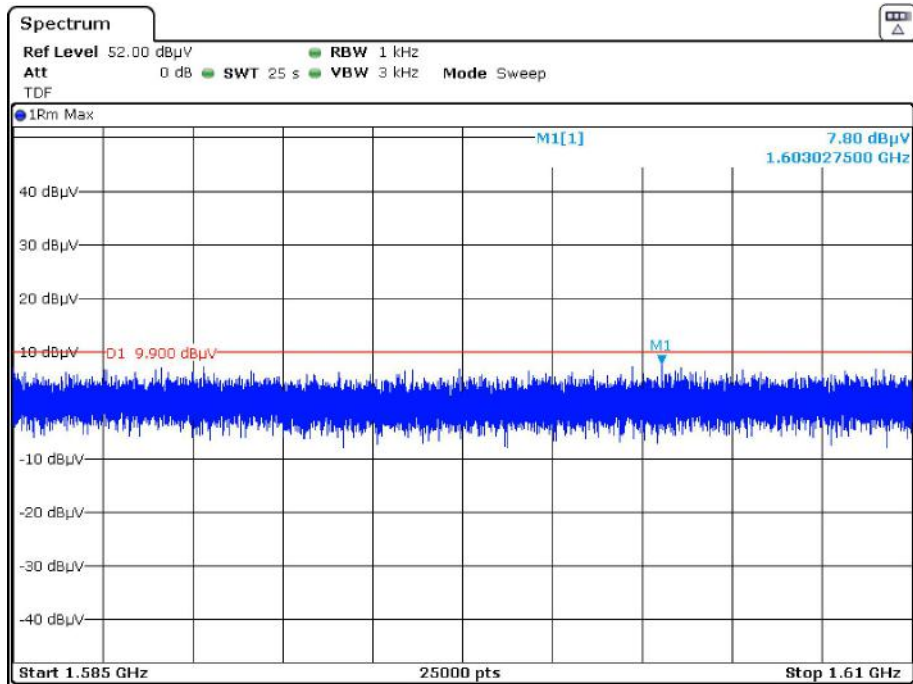
Date: 31.MAR.2022 12:57:06

1559-1610MHz:

Horizontal

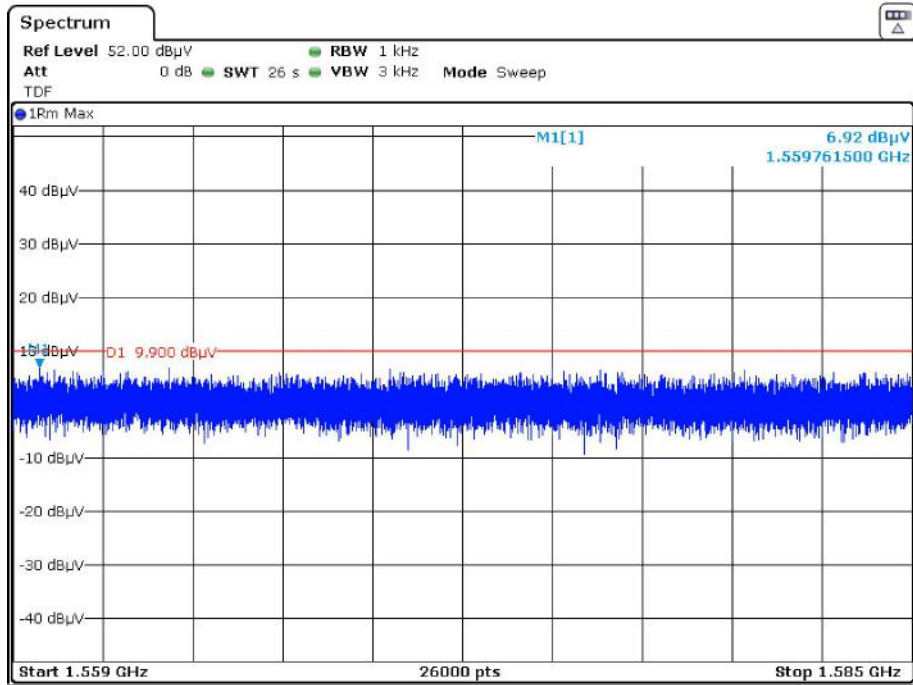


Date: 31.MAR.2022 13:10:14

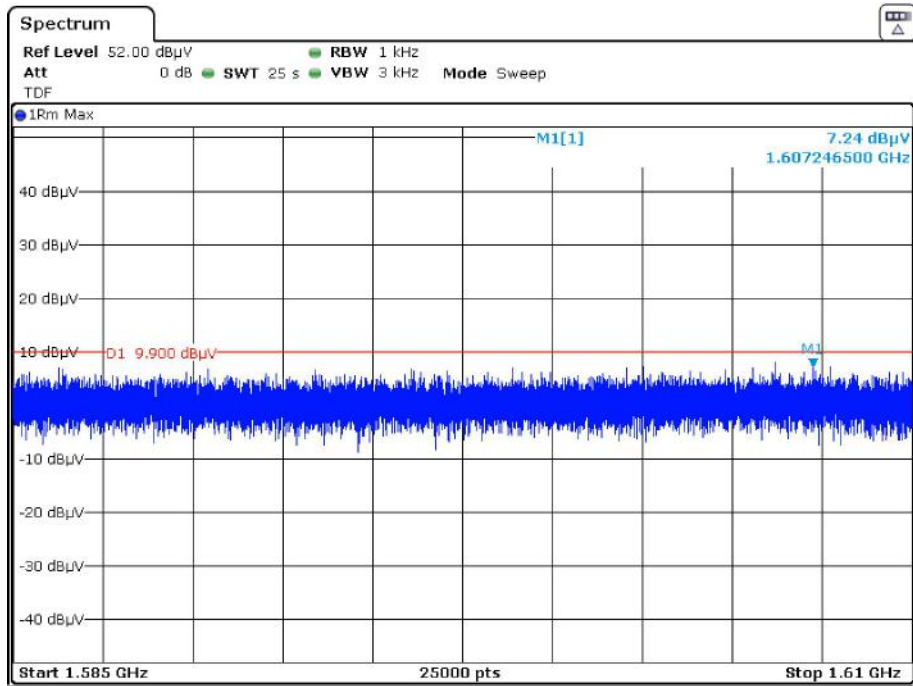


Date: 31.MAR.2022 13:14:16

Vertical



Date: 31.MAR.2022 13:16:43



Date: 31.MAR.2022 13:19:03

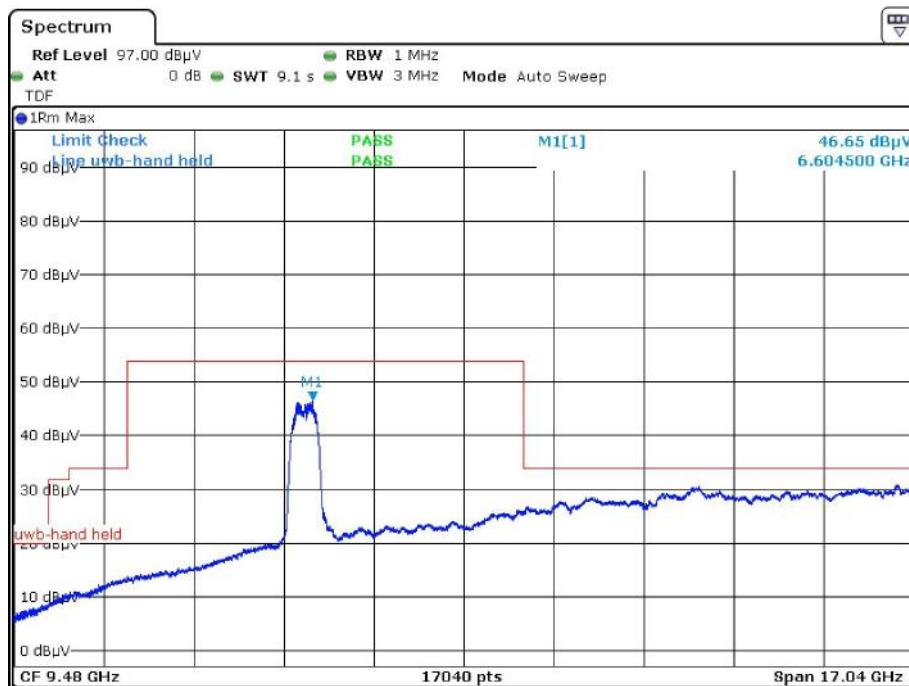
CH5 6490MHZ-PRF16-110K

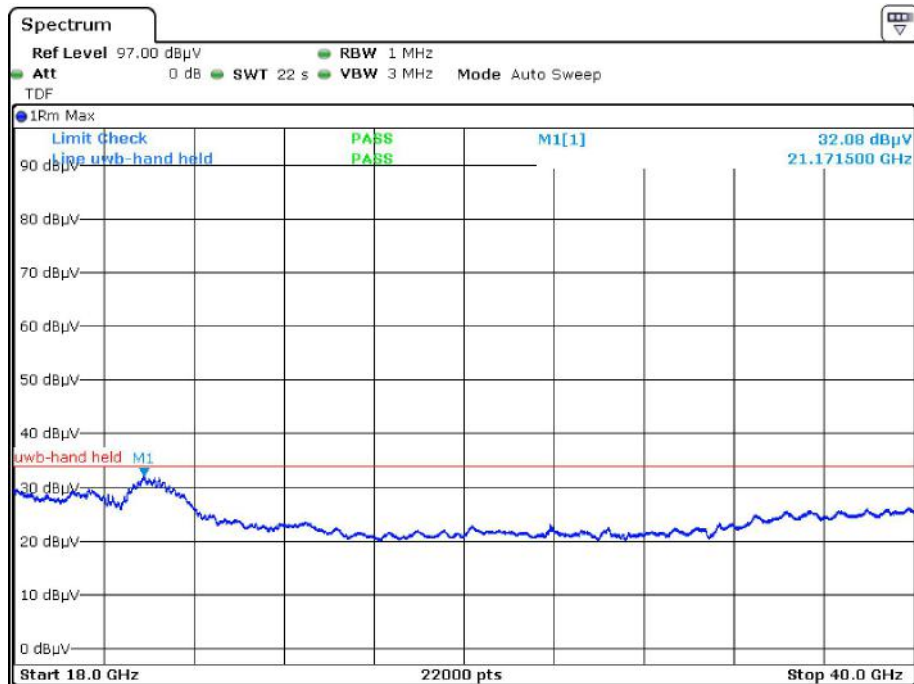
Spurious radiated emission above 960MHz in non GPS band:

1. The test distance is 3m.
2. $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d = 3$ meters.
3. The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.

Frequency (MHz)	Corrected Amplitude (dBμV/m)	EIRP (dBm)	Detector	Turntable	Rx Antenna		Part15.519	
				Degree	Height (m)	Polar (H / V)	EIRP Limit (dBm)	Margin (dB)
6604.5	46.65	-48.55	RMS	156	1.6	H	-41.3	-7.25
6303.5	38.02	-57.18	RMS	39	1.1	V	-41.3	-15.88
21171.5	32.08	-63.12	RMS	304	1.3	H	-61.3	-1.82
21170.5	32.04	-63.16	RMS	233	1.5	V	-61.3	-1.86

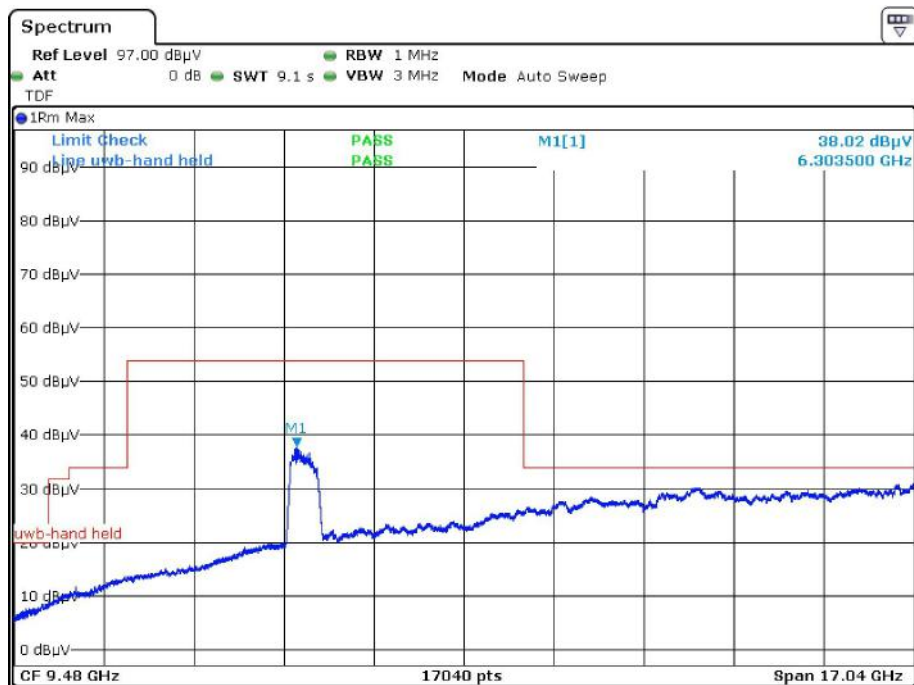
Horizontal



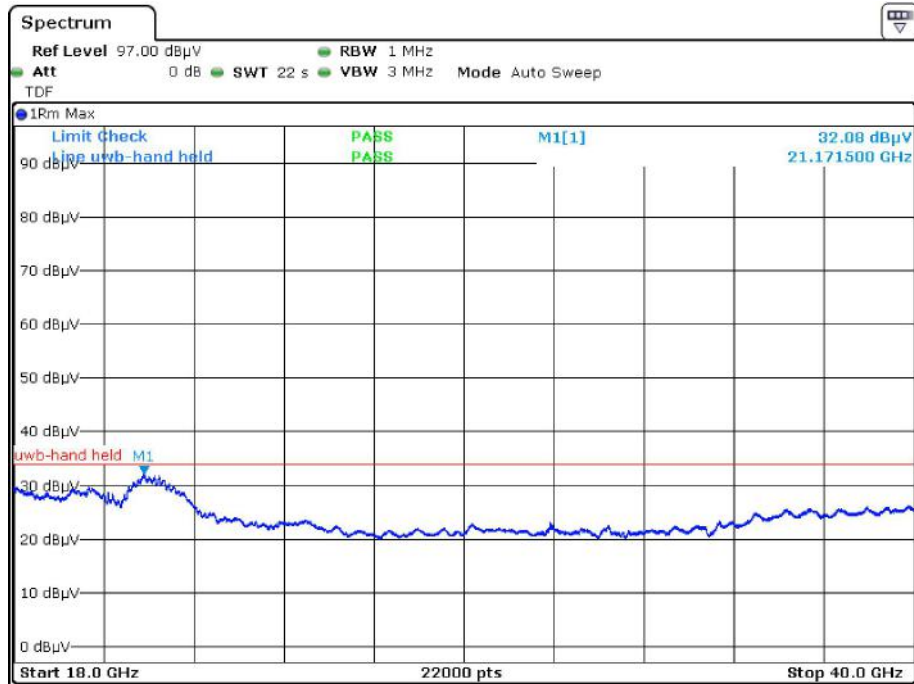


Date: 22.FEB.2022 12:01:30

Vertical



Date: 22.FEB.2022 11:58:06



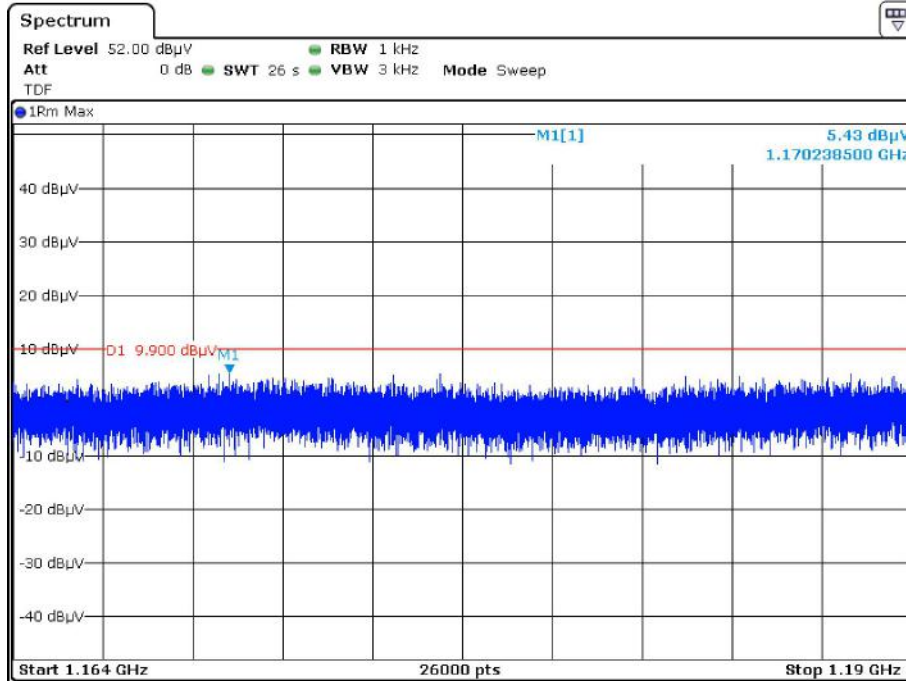
Spurious radiated emission above 960MHz in GPS band:

1. The test distance is 3m.
2. $E[dB\mu V/m] = EIRP[dBm] + 95.2$, for $d = 3$ meters.
3. The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.

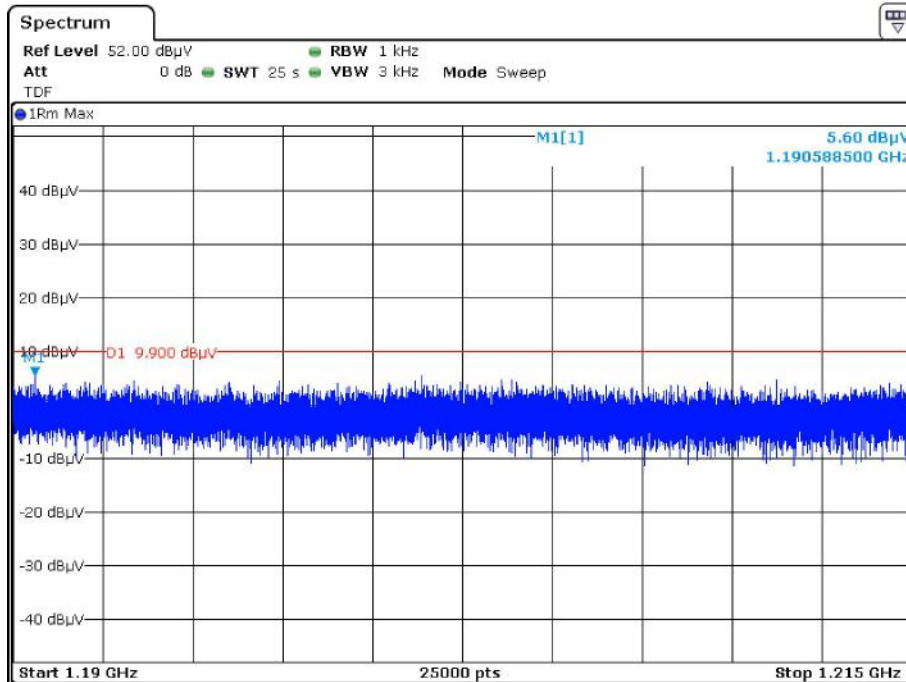
Frequency (MHz)	Corrected Amplitude (dBμV/m)	EIRP (dBm)	Detector	Turntable Degree	Rx Antenna			Part 15.519	
					Height (m)	Polar (H / V)	EIRP Limit (dBm)	Margin (dB)	
1170.24	5.43	-89.77	RMS	85	1.6	H	-85.3	-4.47	
1188.66	6.04	-89.16	RMS	153	1.6	V	-85.3	-3.86	
1190.59	5.60	-89.60	RMS	296	1.1	H	-85.3	-4.3	
1202.70	5.29	-89.91	RMS	283	1.3	V	-85.3	-4.61	
1221.15	6.16	-89.04	RMS	303	1.2	H	-85.3	-3.74	
1234.67	5.86	-89.34	RMS	91	1.2	V	-85.3	-4.04	
1572.64	7.69	-87.51	RMS	239	2.0	H	-85.3	-2.21	
1584.34	7.09	-88.11	RMS	307	1.3	V	-85.3	-2.81	
1598.71	7.35	-87.85	RMS	77	1.6	H	-85.3	-2.55	
1593.86	6.99	-88.21	RMS	3	2.1	V	-85.3	-2.91	

1164-1240MHz:

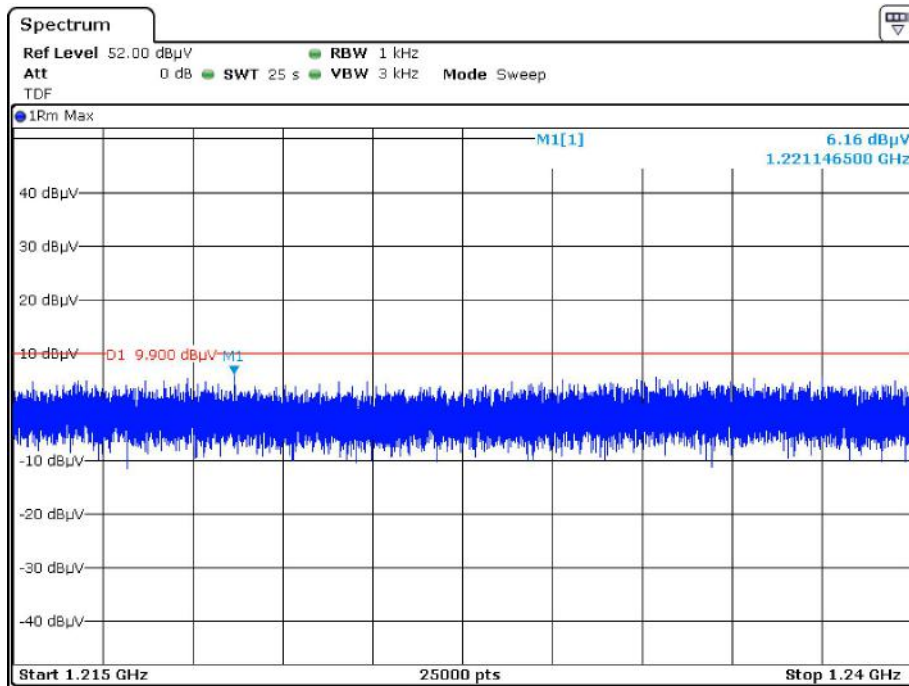
Horizontal



Date: 31.MAR.2022 09:51:58

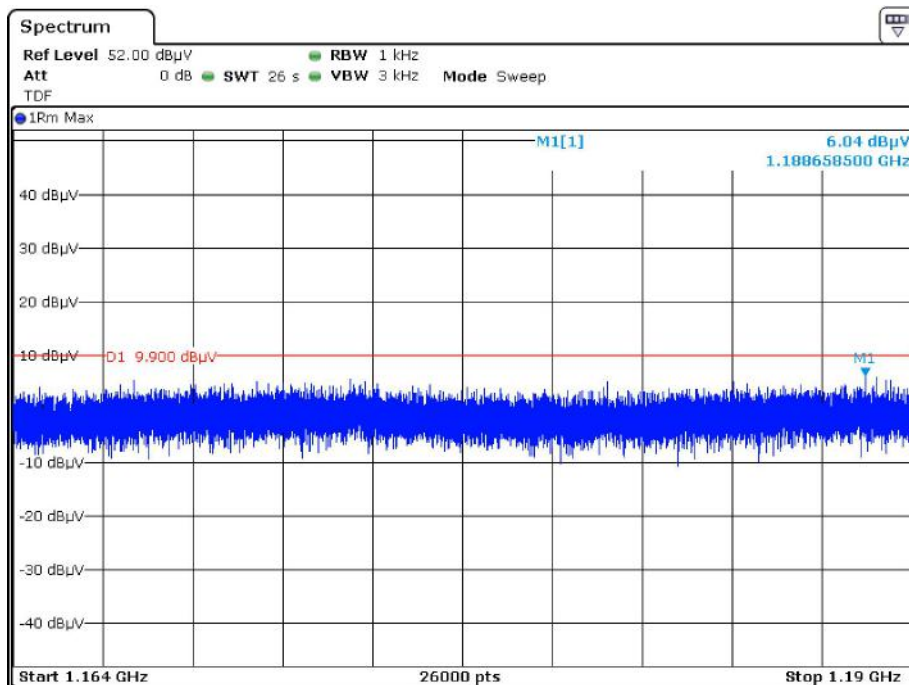


Date: 31.MAR.2022 09:55:23

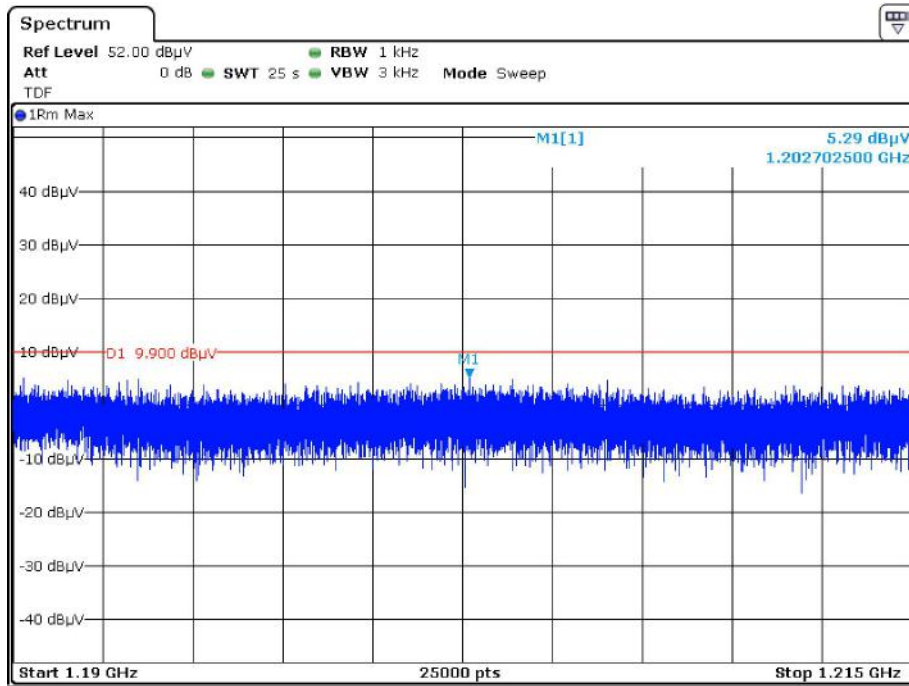


Date: 31.MAR.2022 09:57:02

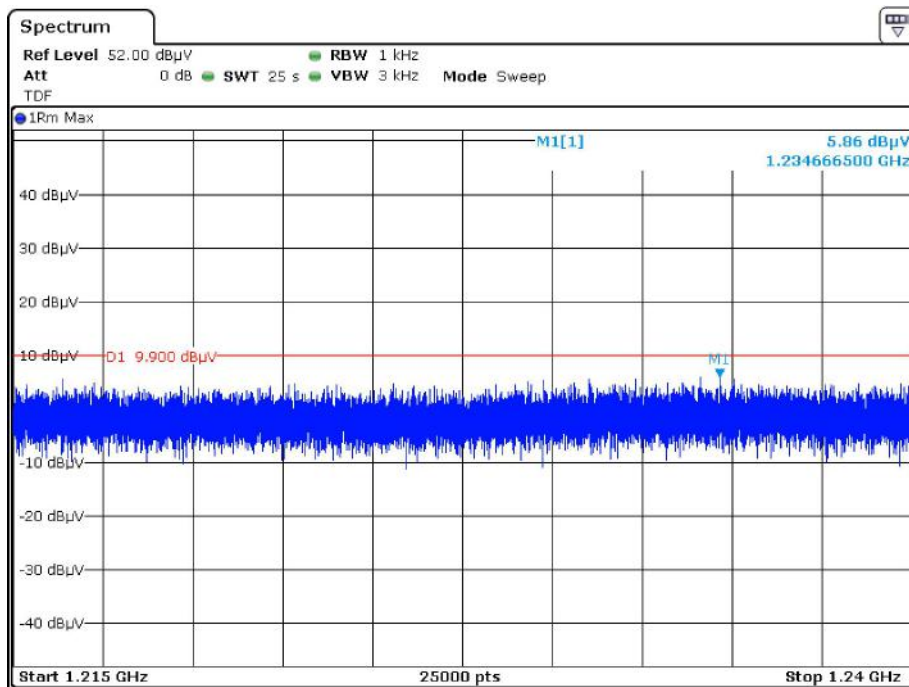
Vertical



Date: 31.MAR.2022 10:00:20



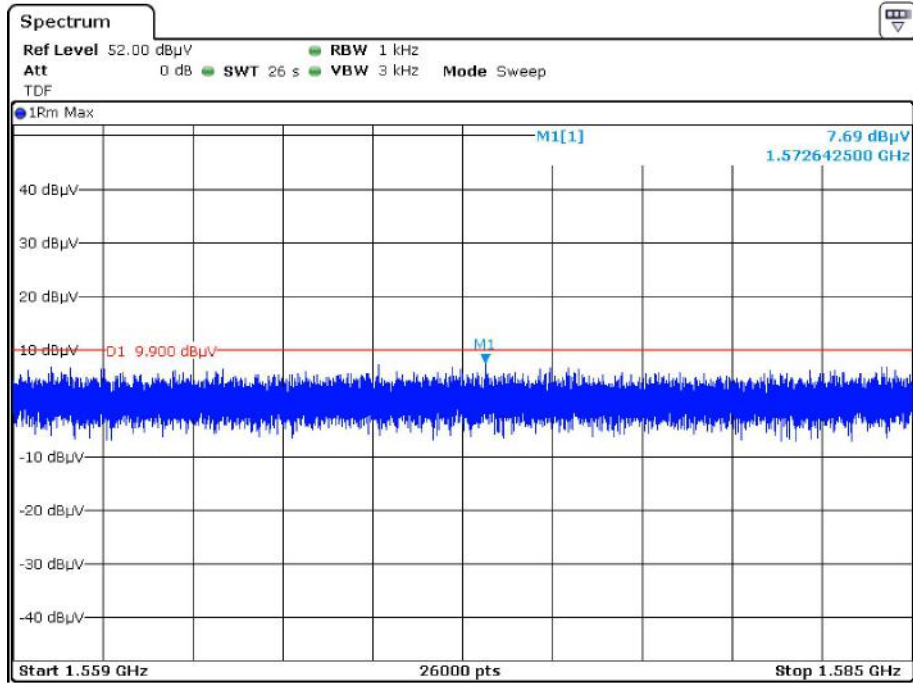
Date: 31.MAR.2022 10:02:44



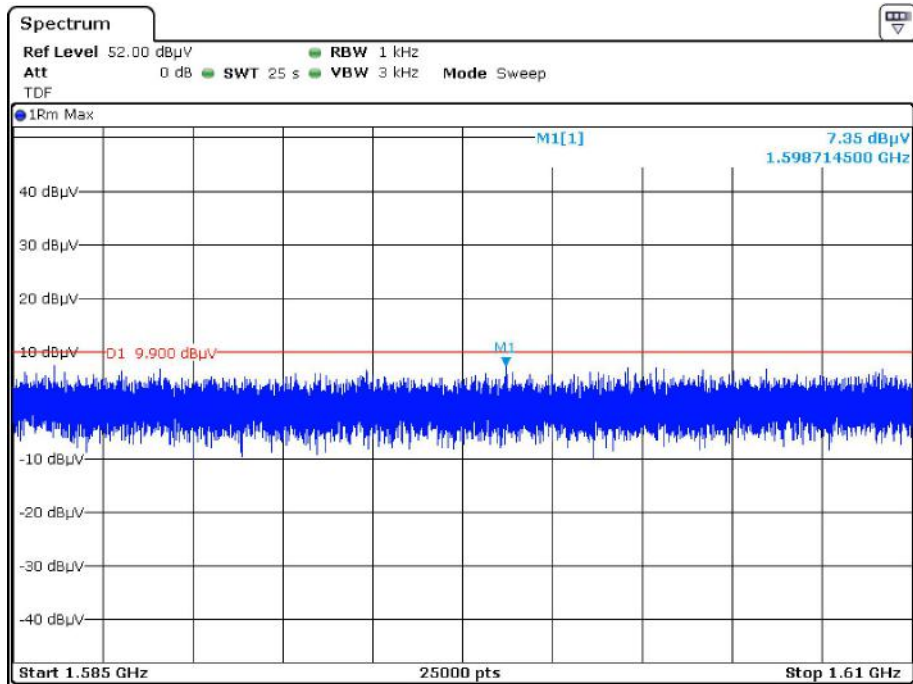
Date: 31.MAR.2022 10:04:25

1559-1610MHz

Horizontal

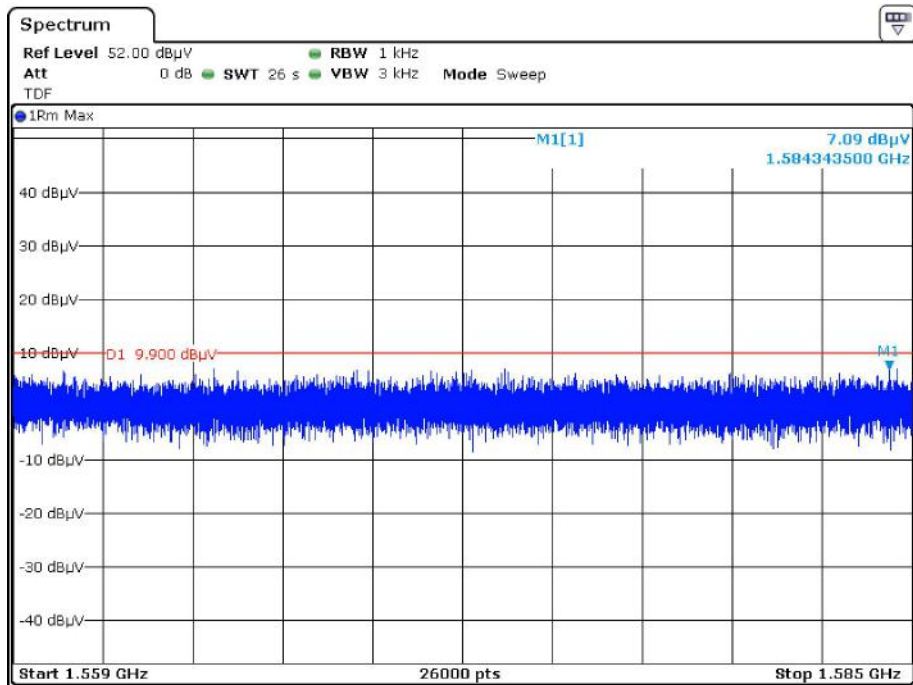


Date: 31.MAR.2022 10:07:47

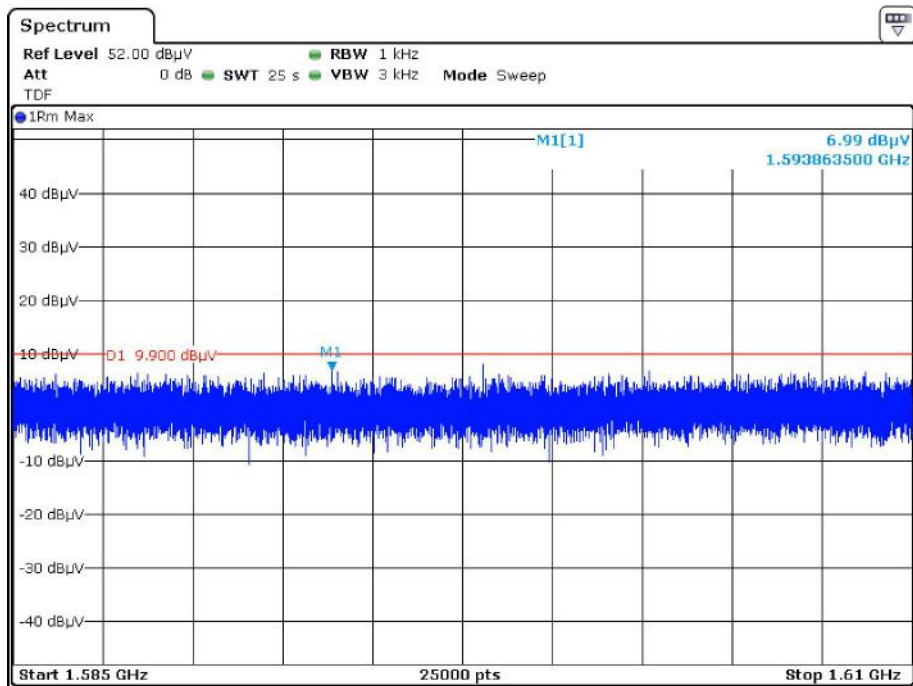


Date: 31.MAR.2022 10:09:35

Vertical



Date: 31.MAR.2022 10:12:13



Date: 31.MAR.2022 10:13:57

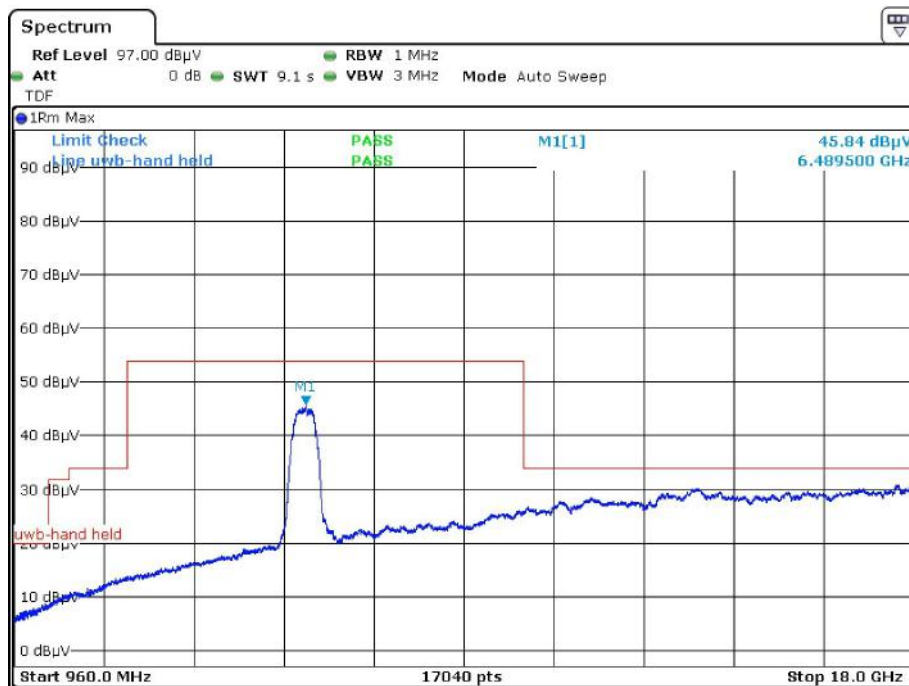
CH5 6490MHZ-PRF16-850K

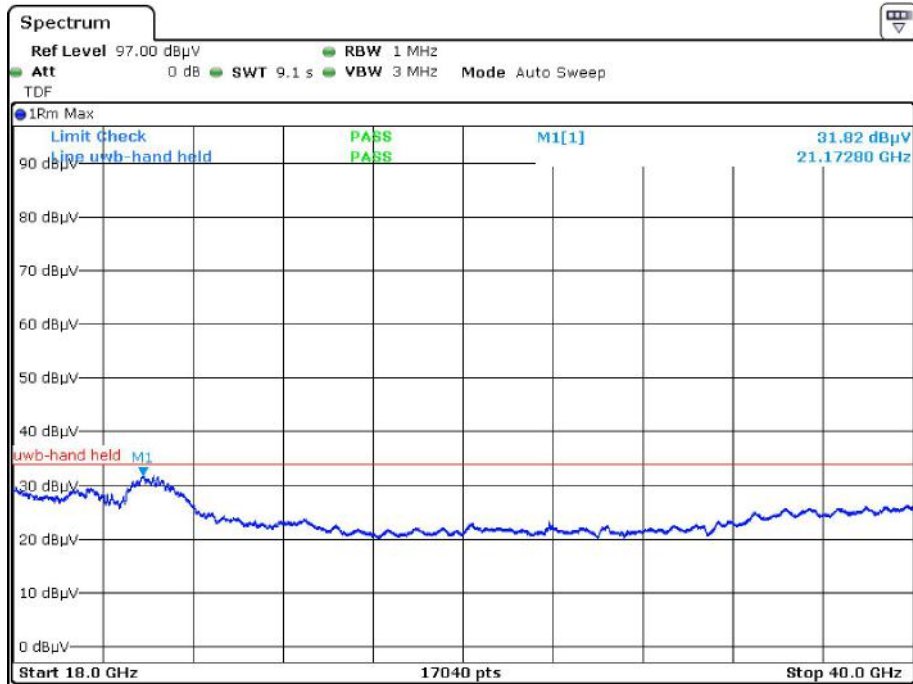
Spurious radiated emission above 960MHz in non GPS band:

1. The test distance is 3m.
2. $E[dB\mu V/m] = EIRP[dBm] + 95.2$, for $d = 3$ meters.
3. The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.

Frequency (MHz)	Corrected Amplitude (dBμV/m)	EIRP (dBm)	Detector	Turntable Degree	Rx Antenna		Part15.519	
					Height (m)	Polar (H / V)	EIRP Limit (dBm)	Margin (dB)
6489.5	45.84	-49.36	RMS	27	1.6	H	-41.3	-8.06
6533.5	37.52	-57.68	RMS	102	2.3	V	-41.3	-16.38
21172.8	31.82	-63.38	RMS	44	2	H	-61.3	-2.08
21149.6	31.39	-63.81	RMS	15	1.7	V	-61.3	-2.51

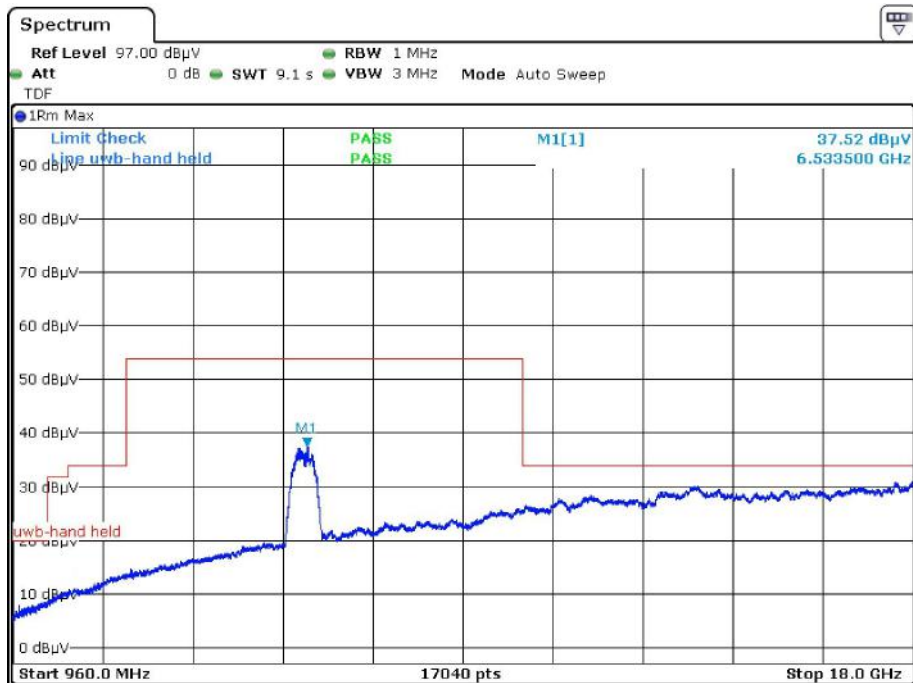
Horizontal



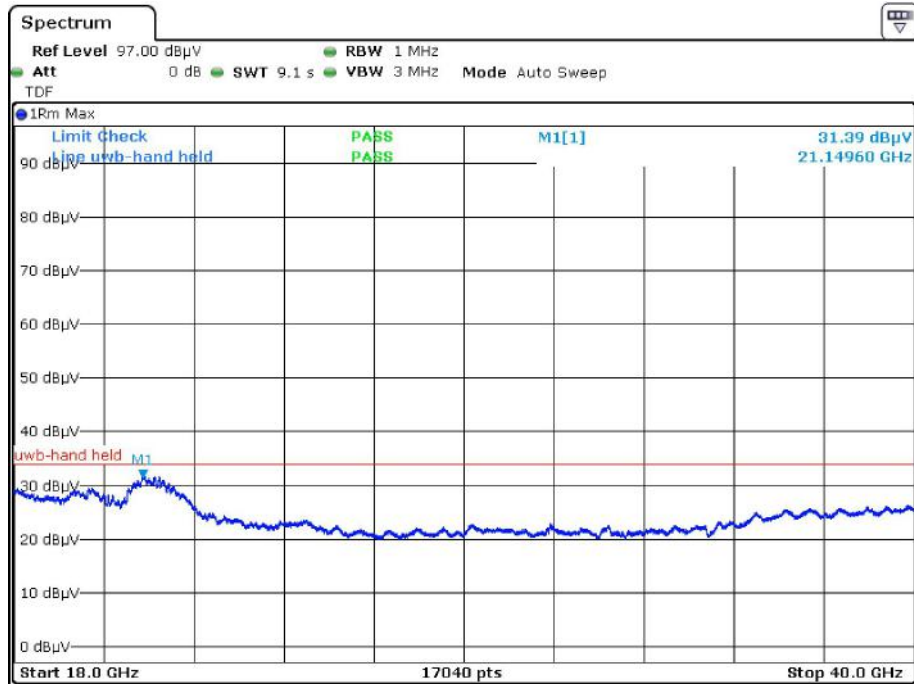


Date: 22.FEB.2022 10:45:21

Vertical



Date: 22.FEB.2022 10:42:21



Date: 22.FEB.2022 10:44:37

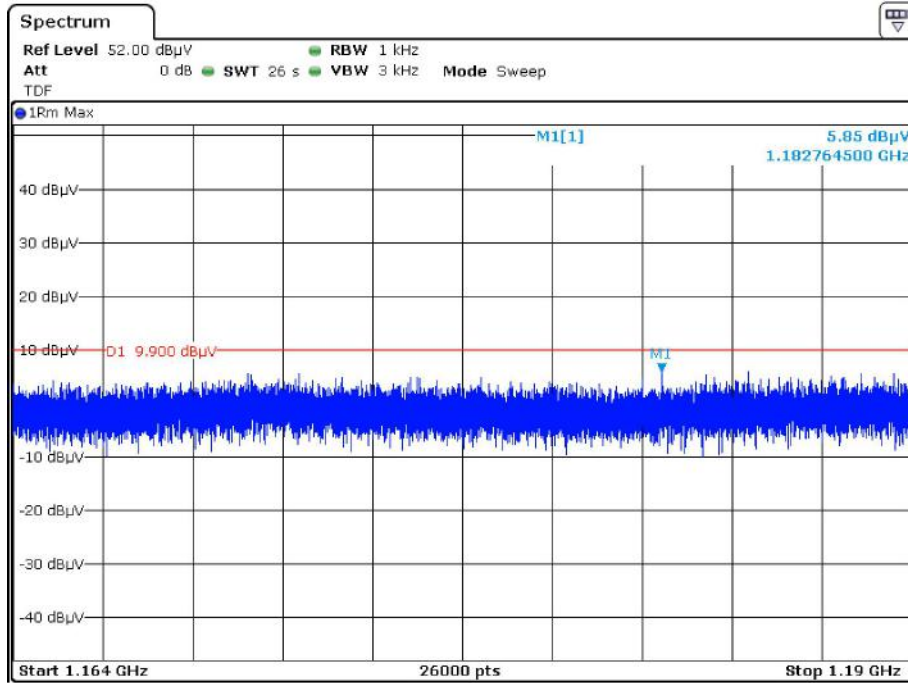
Spurious radiated emission above 960MHz in GPS band:

1. The test distance is 3m.
2. $E[dB\mu V/m] = EIRP[dBm] + 95.2$, for $d = 3$ meters.
3. The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.

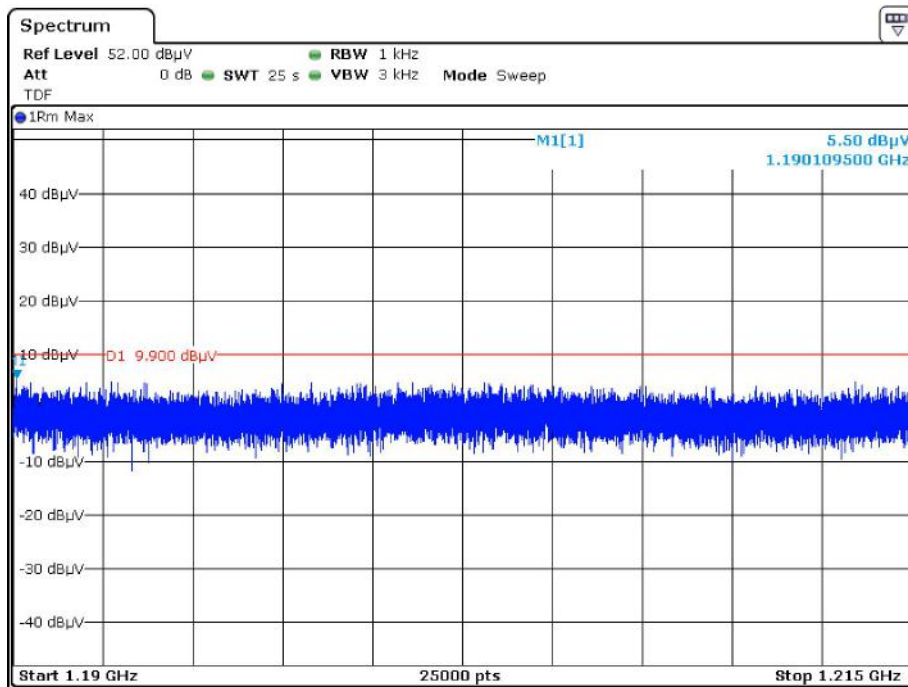
Frequency (MHz)	Corrected Amplitude (dBµV/m)	EIRP (dBm)	Detector	Turntable	Rx Antenna		Part 15.519	
				Degree	Height (m)	Polar (H / V)	EIRP Limit (dBm)	Margin (dB)
1182.76	5.85	-89.35	RMS	306	1.8	H	-85.3	-4.05
1171.55	7.20	-88.00	RMS	135	1.7	V	-85.3	-2.70
1190.11	5.50	-89.70	RMS	330	2.3	H	-85.3	-4.40
1203.97	5.70	-89.50	RMS	27	1.1	V	-85.3	-4.20
1231.86	6.91	-88.29	RMS	279	2.1	H	-85.3	-2.99
1233.81	6.22	-88.98	RMS	271	2.3	V	-85.3	-3.68
1584.61	8.54	-86.66	RMS	28	1.4	H	-85.3	-1.36
1559.58	7.11	-88.09	RMS	12	2.1	V	-85.3	-2.79
1589.38	7.36	-87.84	RMS	132	2.3	H	-85.3	-2.54
1607.08	7.02	-88.18	RMS	243	2.3	V	-85.3	-2.88

1164-1240MHz:

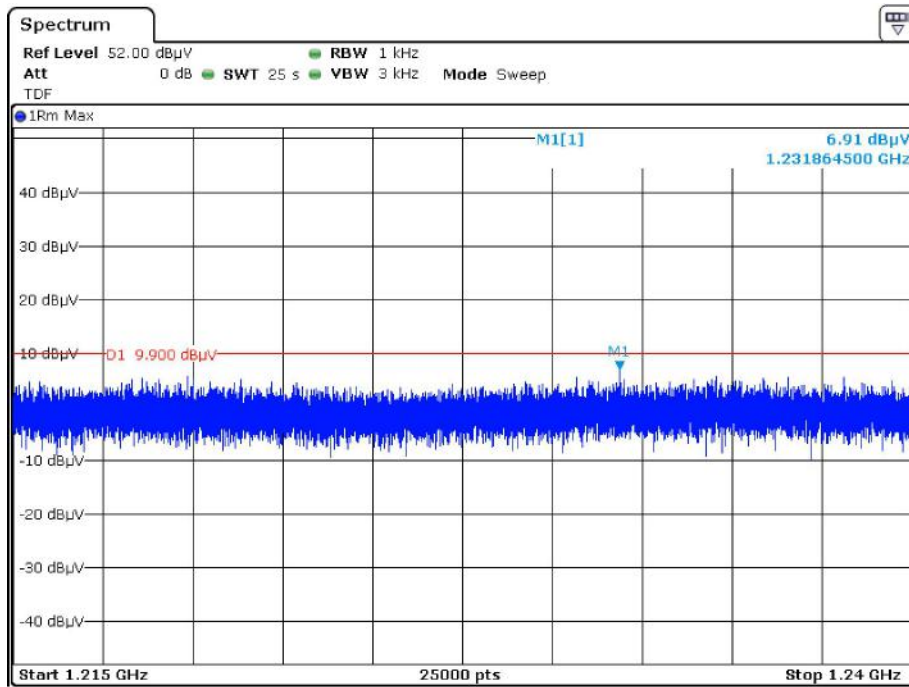
Horizontal



Date: 31.MAR.2022 10:16:32

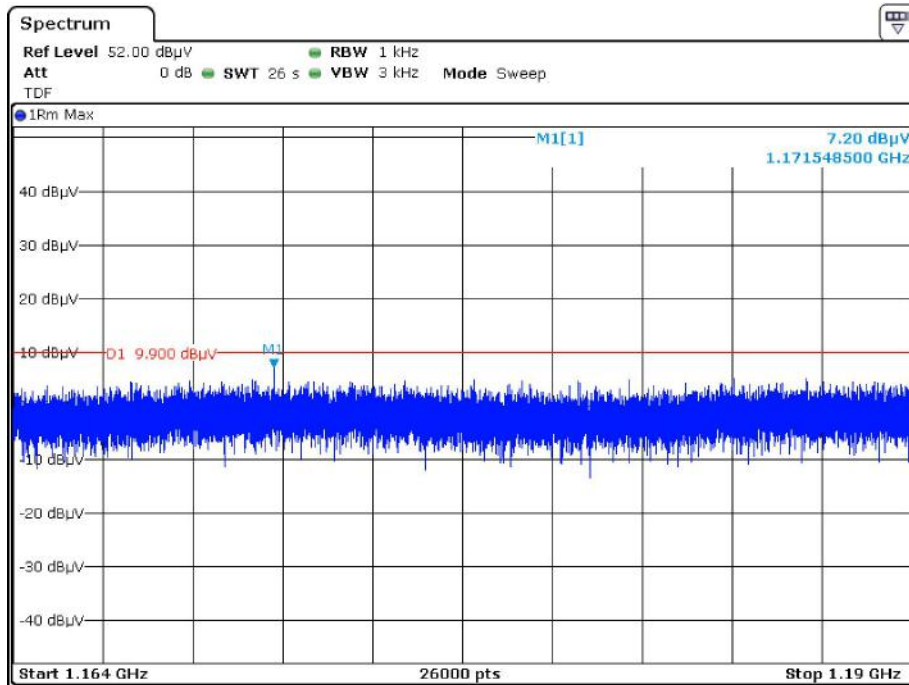


Date: 31.MAR.2022 10:16:40

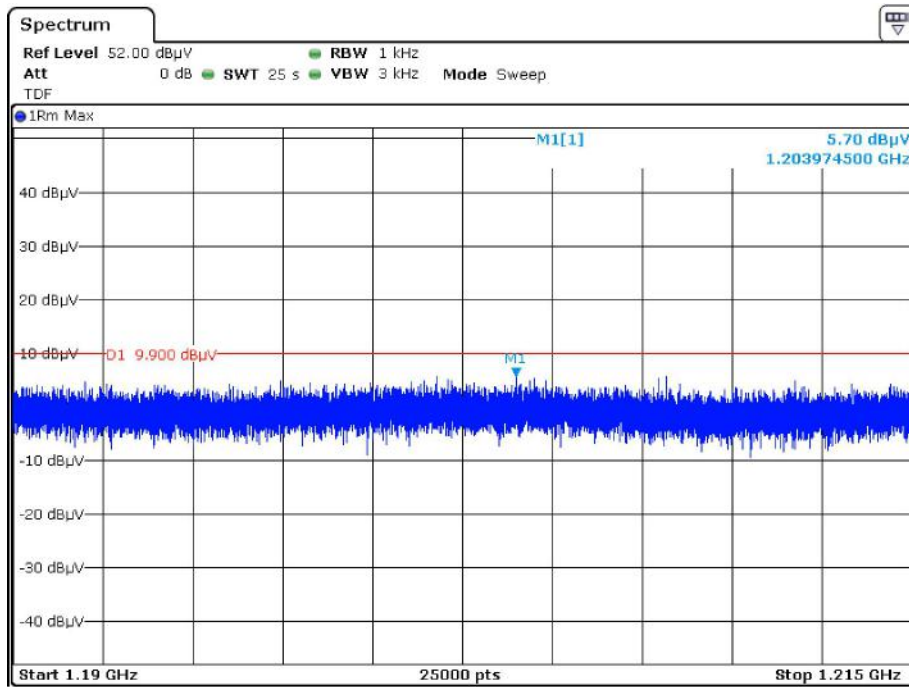


Date: 31.MAR.2022 10:20:37

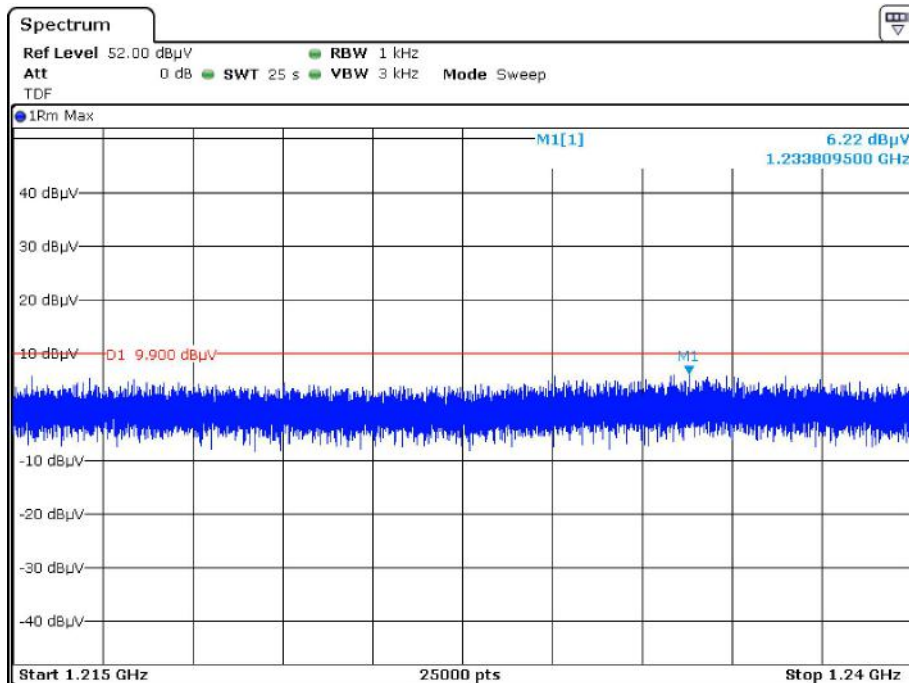
Vertical



Date: 31.MAR.2022 10:22:34



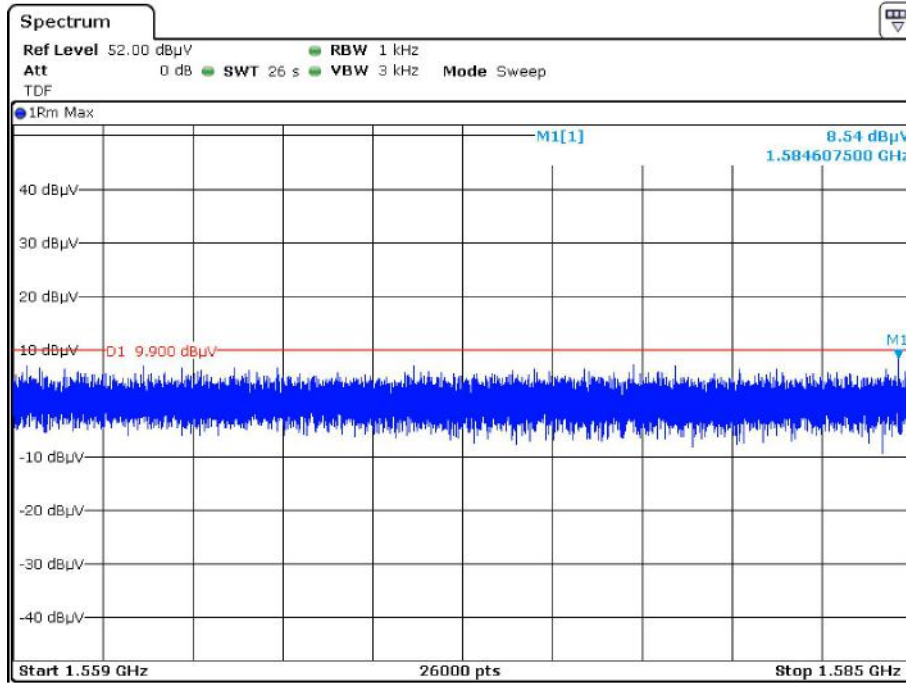
Date: 31.MAR.2022 10:25:25



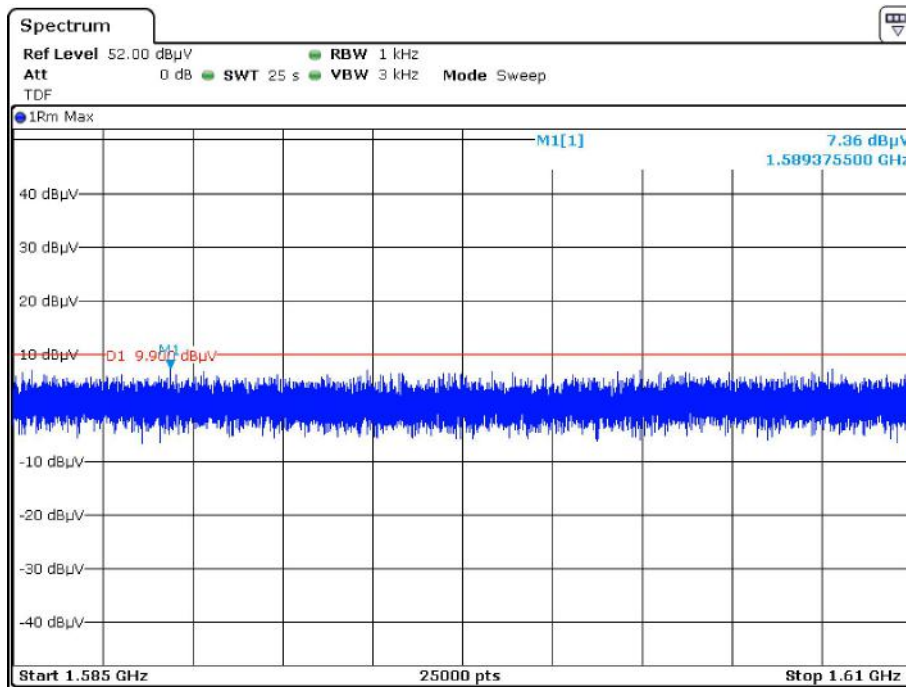
Date: 31.MAR.2022 10:28:13

1559-1610MHz:

Horizontal

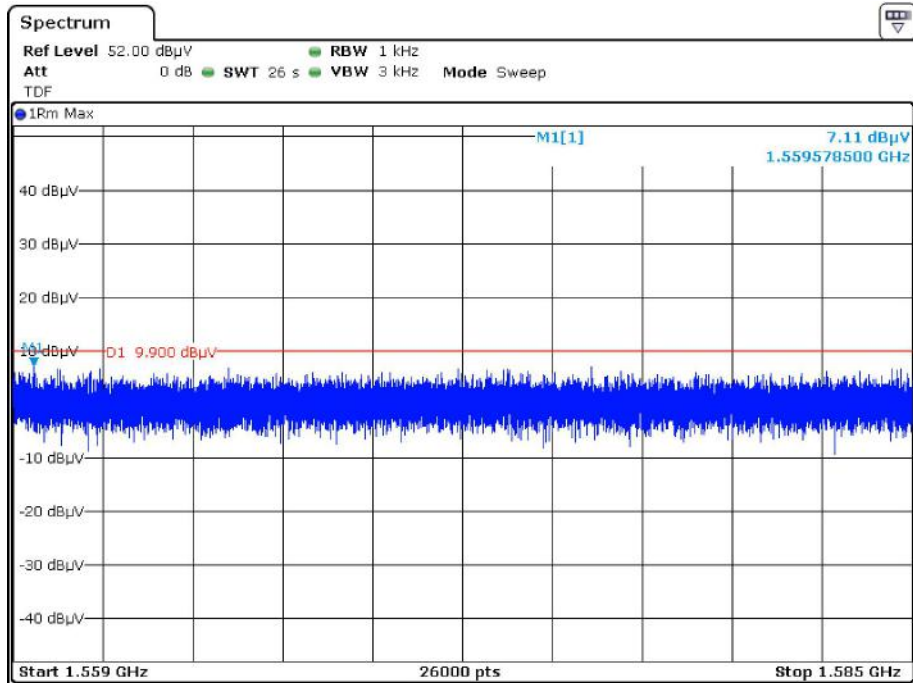


Date: 31.MAR.2022 10:31:24

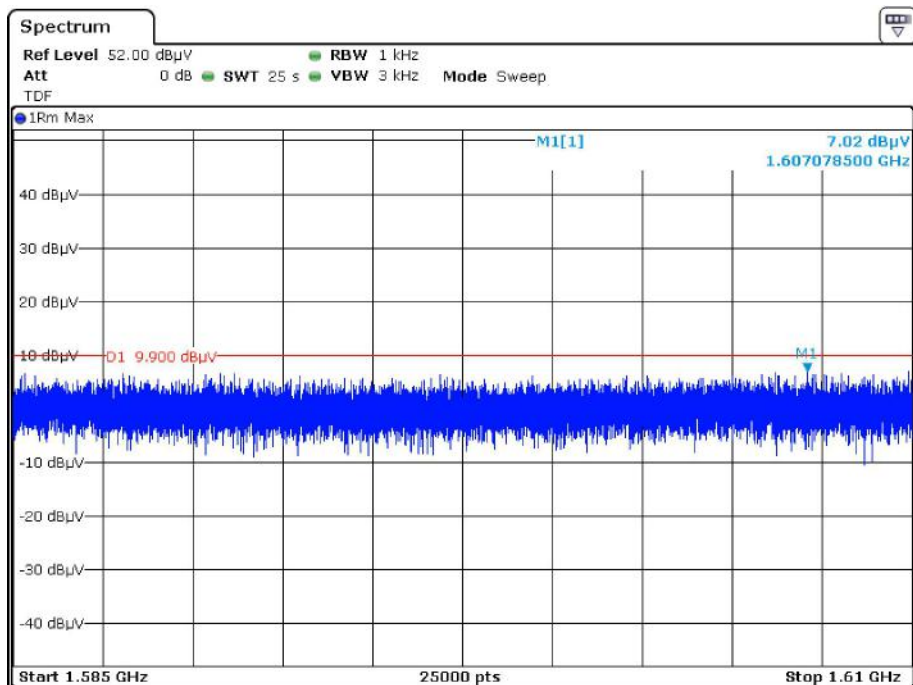


Date: 31.MAR.2022 10:34:04

Vertical



Date: 31.MAR.2022 10:37:07



Date: 31.MAR.2022 10:38:56

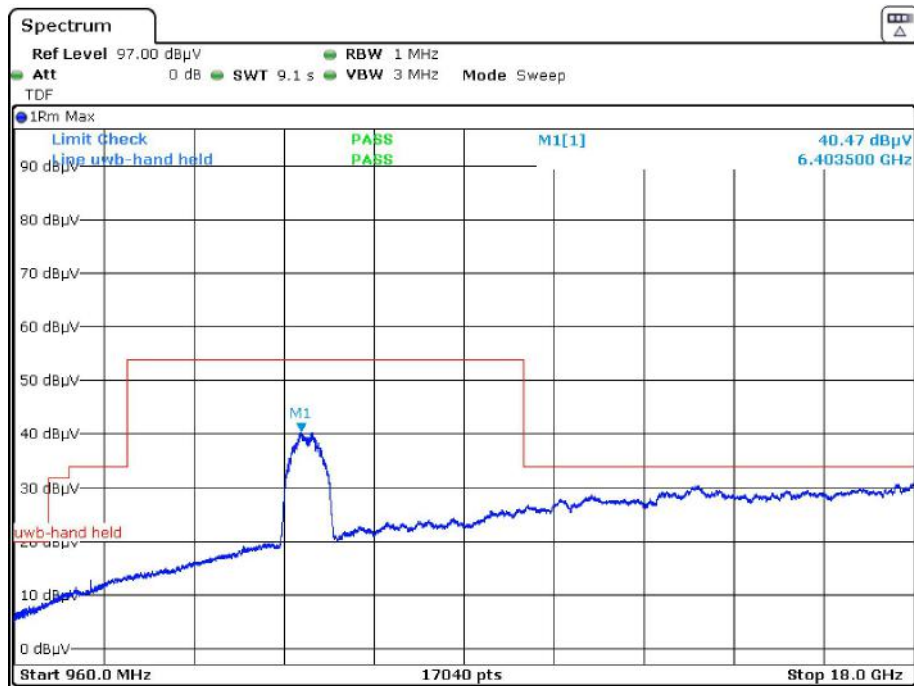
CH5 6490MHZ-PRF64-110K

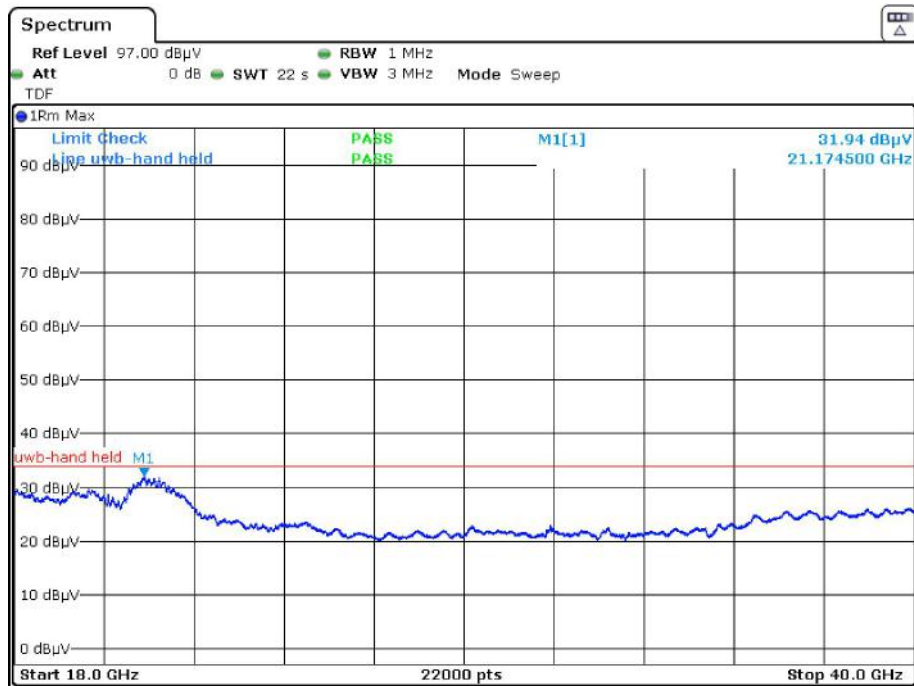
Spurious radiated emission above 960MHz in non GPS band:

1. The test distance is 3m.
2. $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d = 3$ meters.
3. The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.

Frequency (MHz)	Corrected Amplitude (dBμV/m)	EIRP (dBm)	Detector	Turntable	Rx Antenna		Part15.519	
				Degree	Height (m)	Polar (H / V)	EIRP Limit (dBm)	Margin (dB)
6403.5	40.47	-54.73	RMS	43	2.1	H	-41.3	-13.43
6455.5	35.62	-59.58	RMS	197	2	V	-41.3	-18.28
21174.5	31.94	-63.26	RMS	120	2	H	-61.3	-1.96
21148.5	31.97	-63.23	RMS	45	1.6	V	-61.3	-1.93

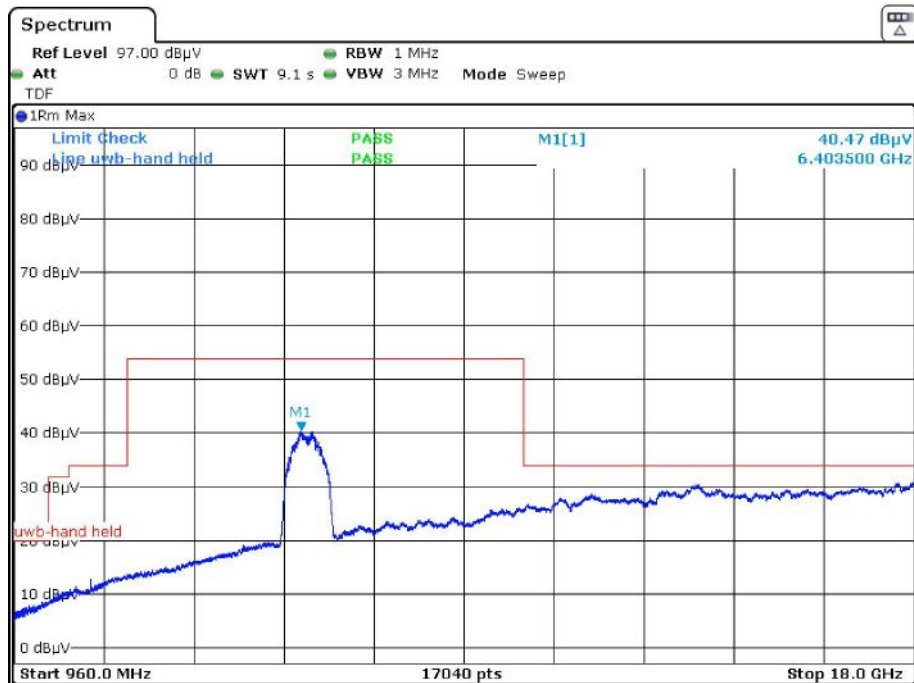
Horizontal



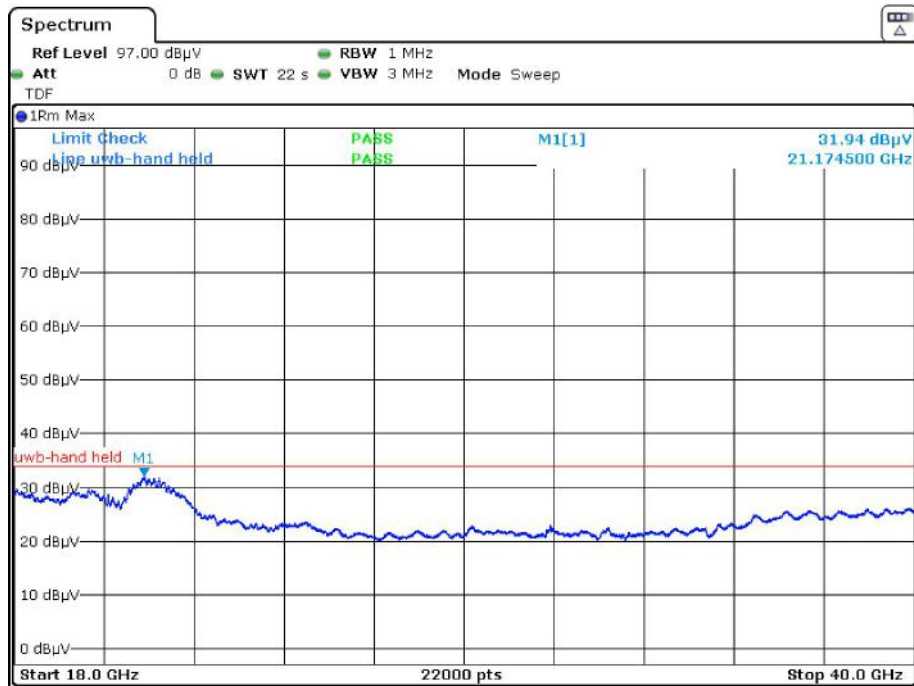


Date: 22.FEB.2022 10:03:53

Vertical



Date: 22.FEB.2022 09:57:39



Date: 22.FEB.2022 10:03:53

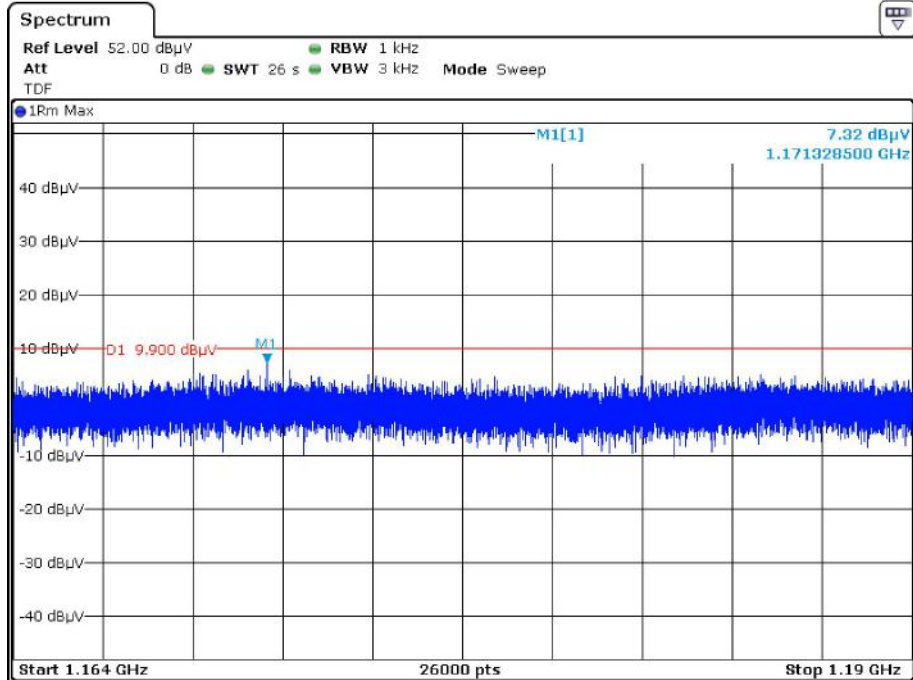
Spurious radiated emission above 960MHz in GPS band:

1. The test distance is 3m.
2. $E[dB\mu V/m] = EIRP[dBm] + 95.2$, for $d = 3$ meters.
3. The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.

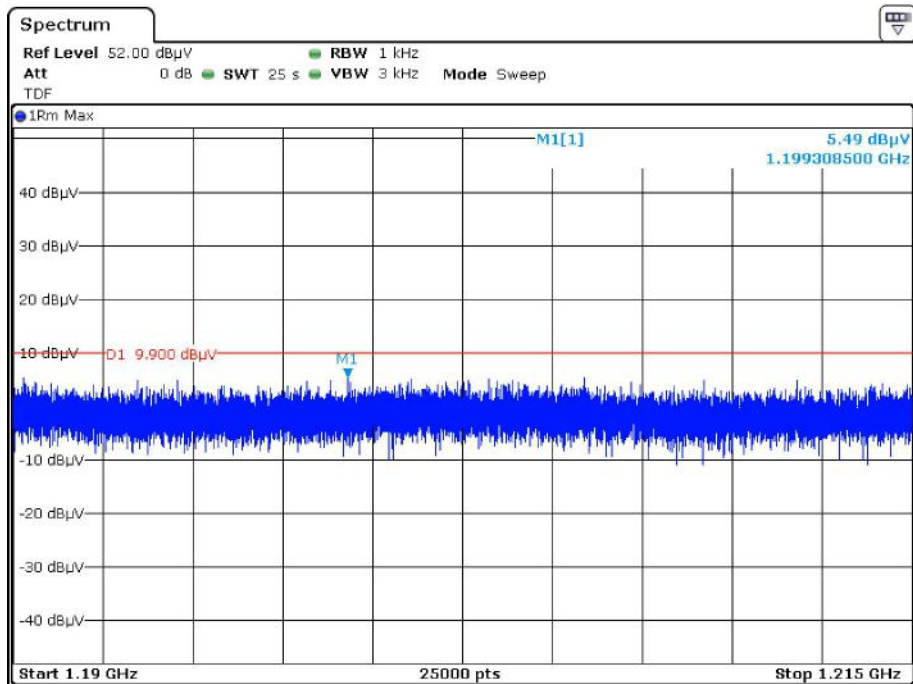
Frequency (MHz)	Corrected Amplitude (dBμV/m)	EIRP (dBm)	Detector	Turntable	Rx Antenna		Part 15.519	
				Degree	Height (m)	Polar (H / V)	EIRP Limit (dBm)	Margin (dB)
1171.33	7.32	-87.88	RMS	199	1.4	H	-85.3	-2.58
1188.39	5.63	-89.57	RMS	315	2.2	V	-85.3	-4.27
1199.31	5.49	-89.71	RMS	64	1.9	H	-85.3	-4.41
1204.43	5.70	-89.50	RMS	326	1.6	V	-85.3	-4.20
1230.31	5.87	-89.33	RMS	256	1.5	H	-85.3	-4.03
1218.23	5.38	-89.82	RMS	277	1.7	V	-85.3	-4.52
1577.29	7.53	-87.67	RMS	180	2.2	H	-85.3	-2.37
1569.53	7.08	-88.12	RMS	79	1.6	V	-85.3	-2.82
1605.94	7.59	-87.61	RMS	229	1.7	H	-85.3	-2.31
1596.31	7.28	-87.92	RMS	288	1.6	V	-85.3	-2.62

1164-1240MHz:

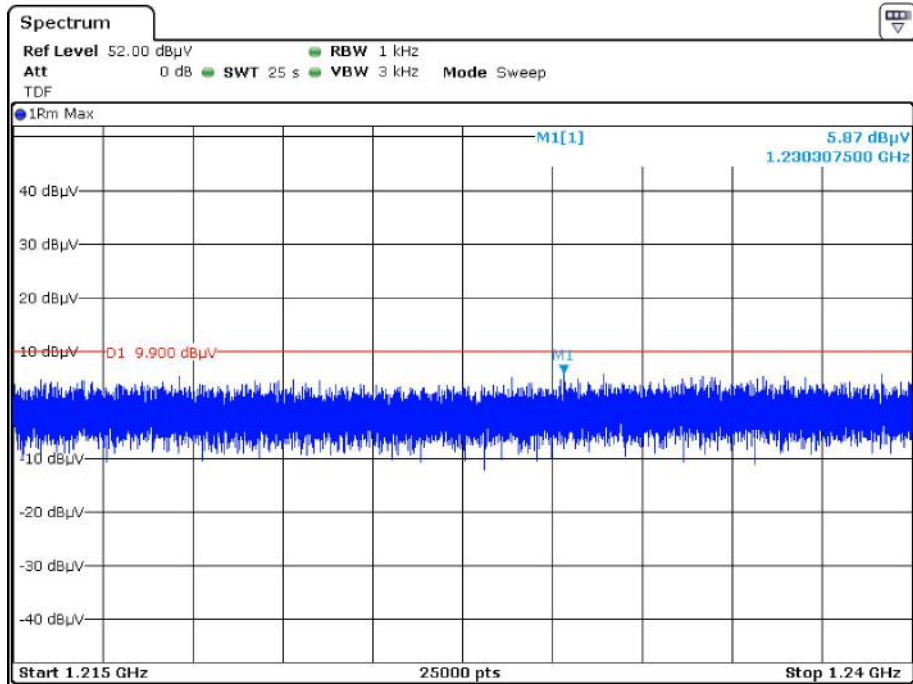
Horizontal



Date: 31.MAR.2022 10:41:31

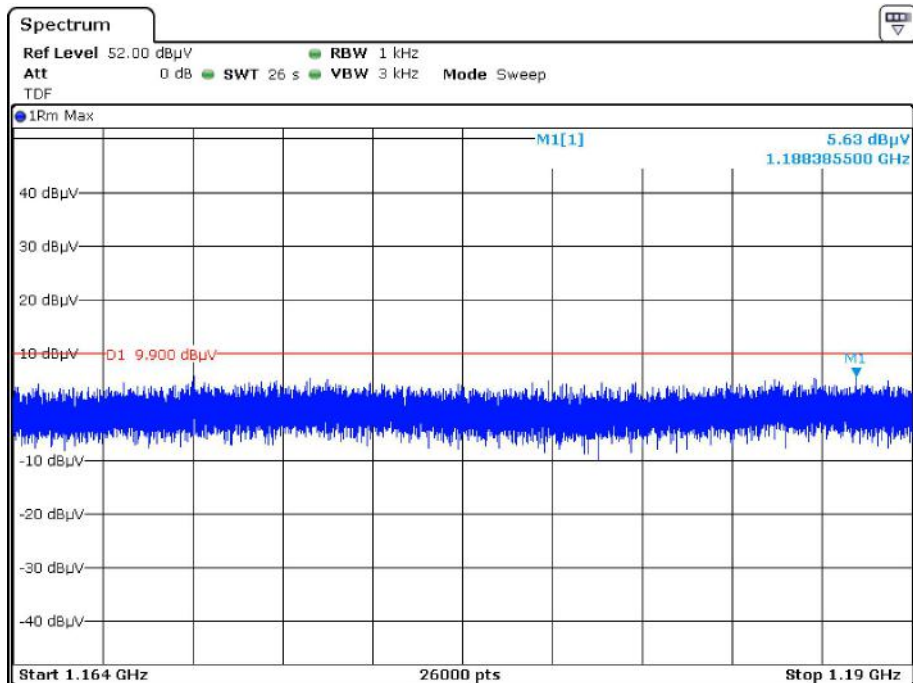


Date: 31.MAR.2022 10:53:53

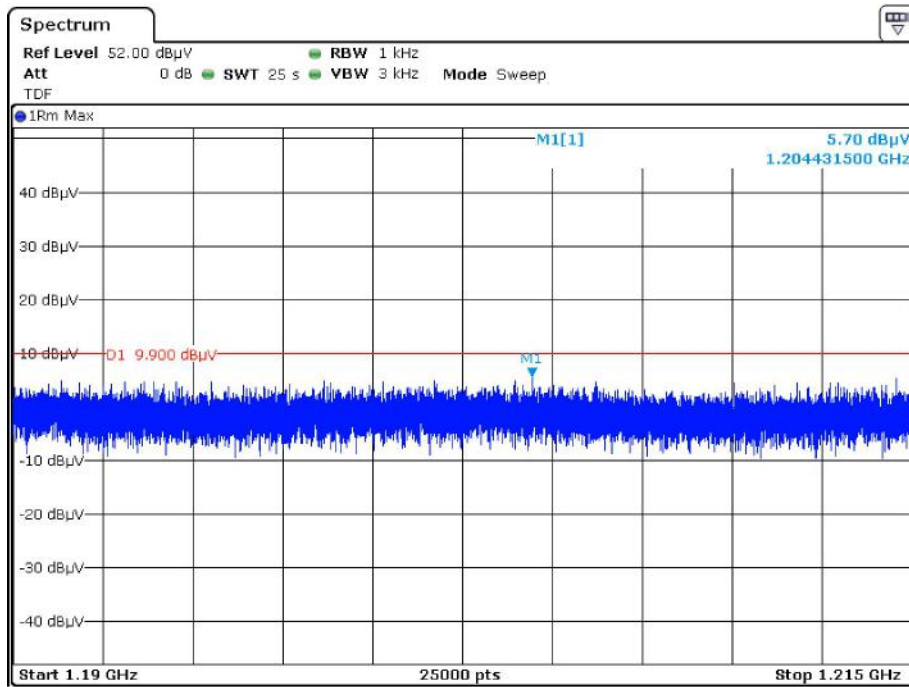


Date: 31.MAR.2022 10:55:26

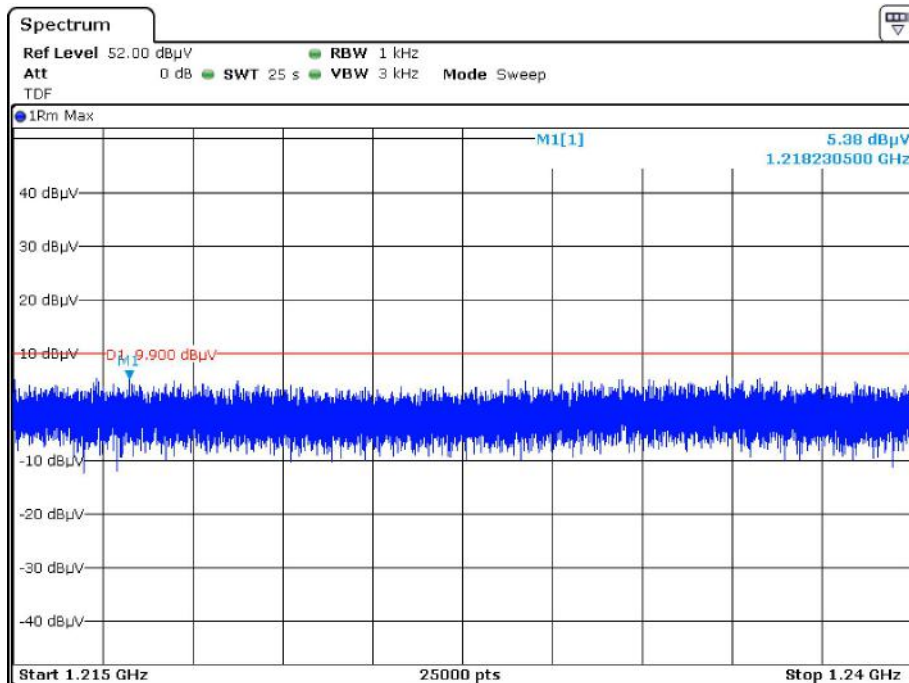
Vertical



Date: 31.MAR.2022 10:58:21



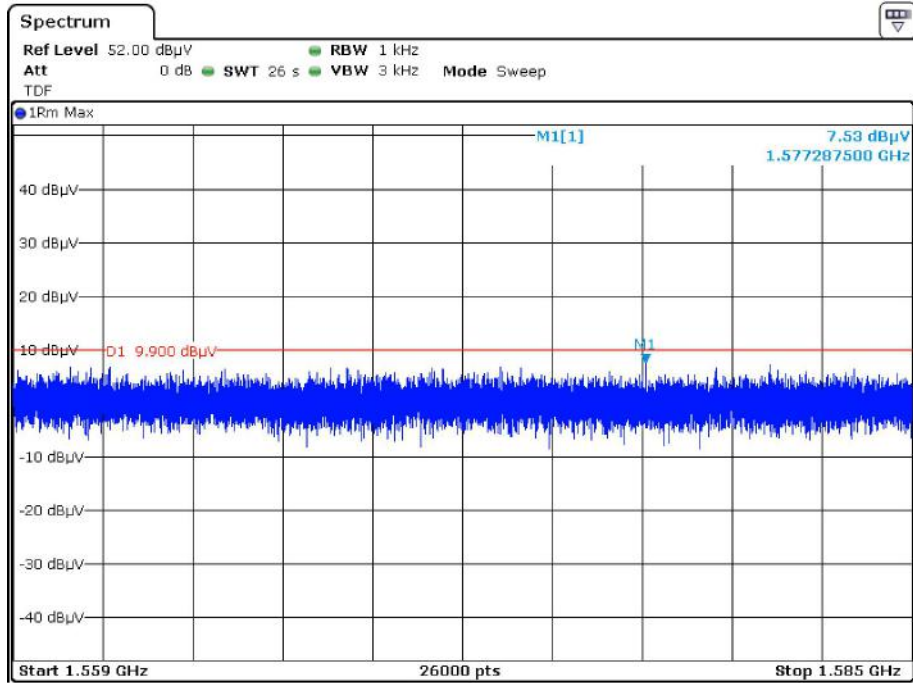
Date: 31.MAR.2022 11:00:37



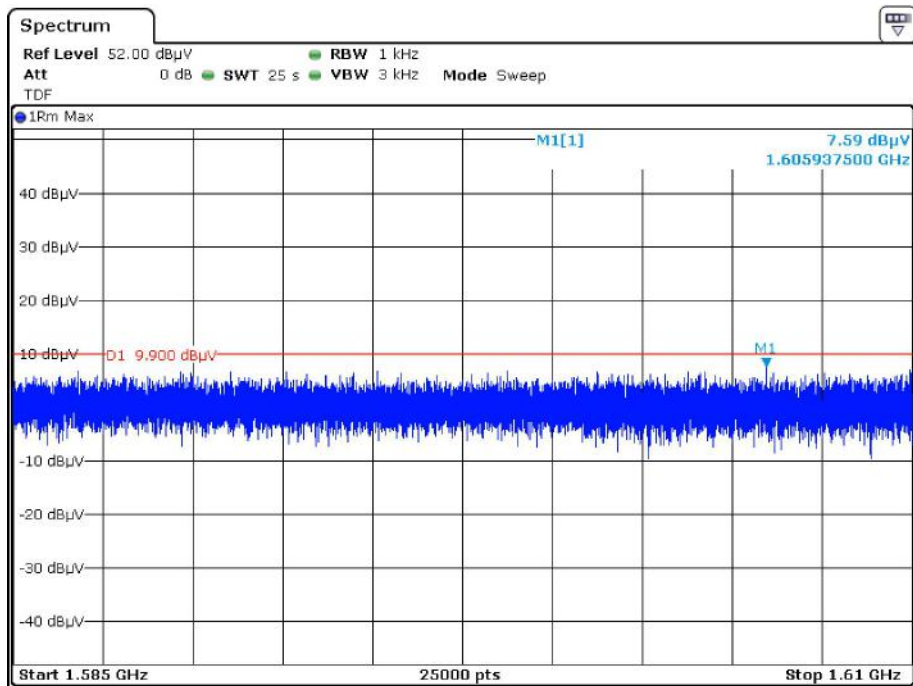
Date: 31.MAR.2022 11:02:06

1559-1610MHz:

Horizontal

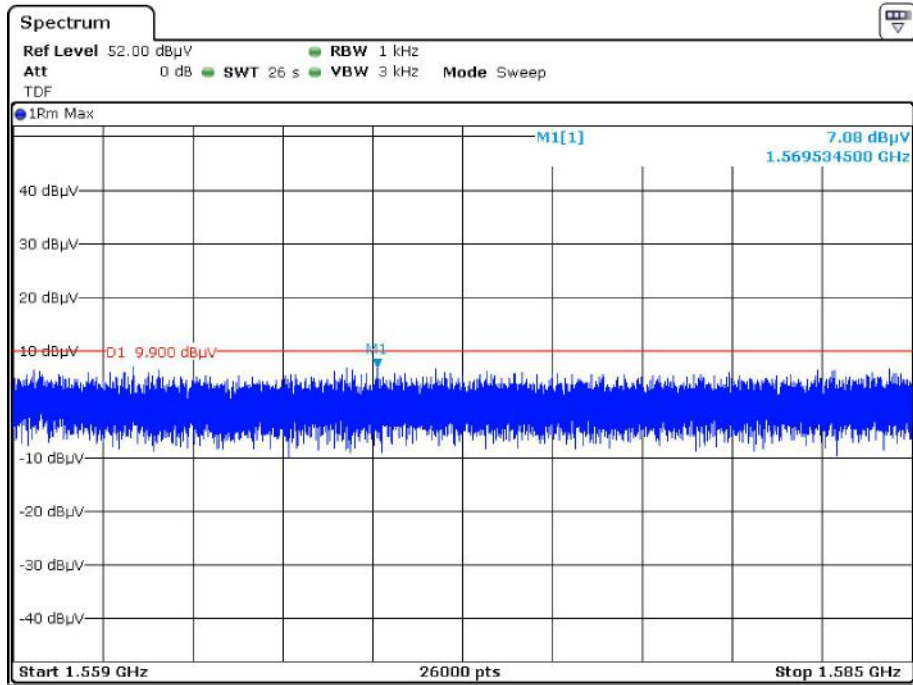


Date: 31.MAR.2022 11:04:37

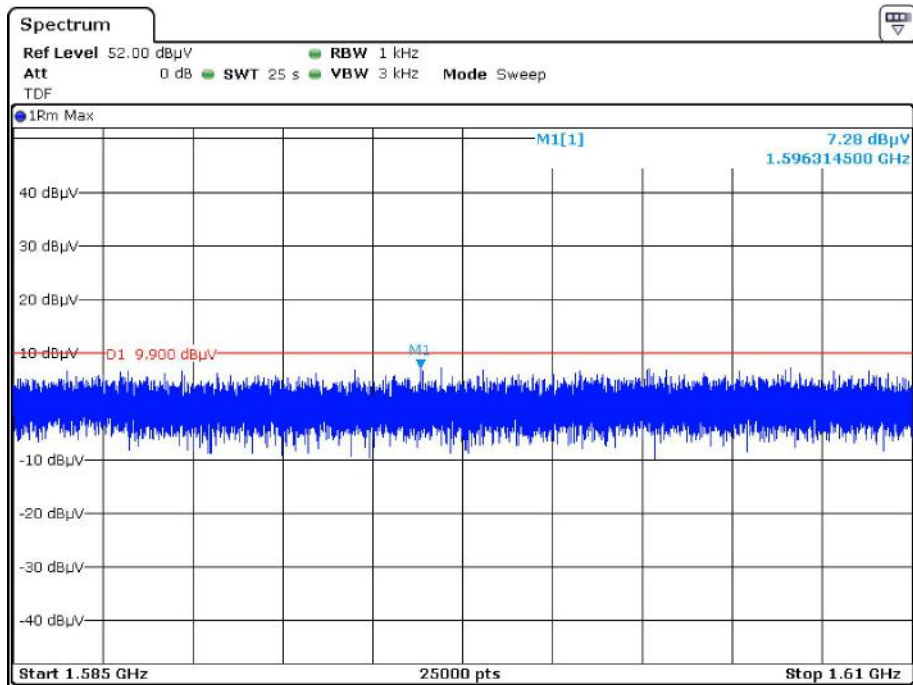


Date: 31.MAR.2022 11:10:23

Vertical



Date: 31.MAR.2022 11:12:15



Date: 31.MAR.2022 11:14:01

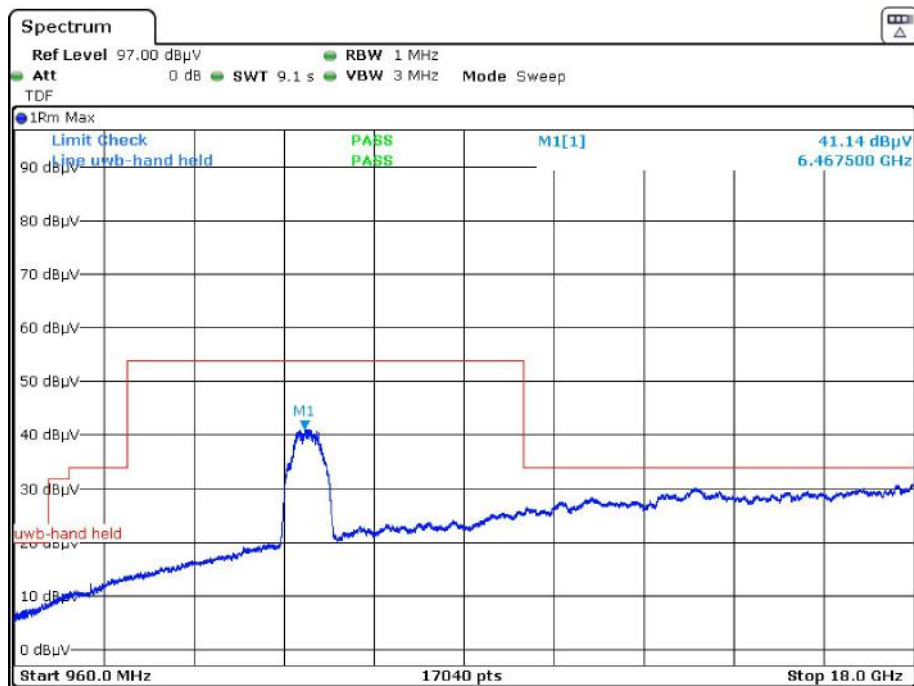
CH5 6490MHZ-PRF64-850K

Spurious radiated emission above 960MHz in non GPS band:

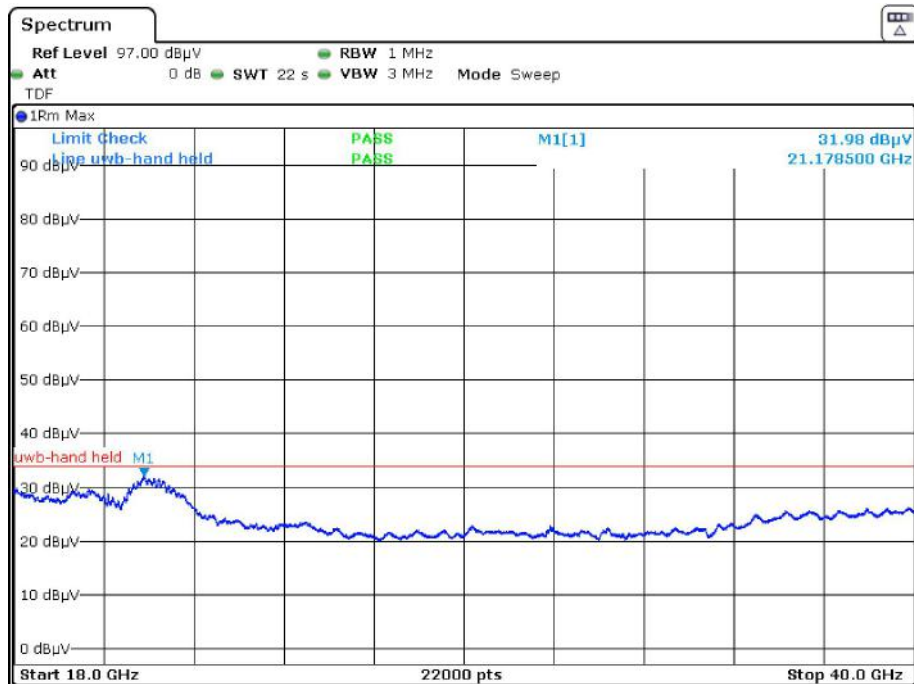
1. The test distance is 3m.
2. $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d = 3$ meters.
3. The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.

Frequency (MHz)	Corrected Amplitude (dBμV/m)	EIRP (dBm)	Detector	Turntable	Rx Antenna		Part15.519	
				Degree	Height (m)	Polar (H / V)	EIRP Limit (dBm)	Margin (dB)
6467.5	41.14	-54.06	RMS	60	1.5	H	-41.3	-12.76
6504.5	35.74	-59.46	RMS	131	1.8	V	-41.3	-18.16
21178.5	31.98	-63.22	RMS	268	1.9	H	-61.3	-1.92
21154.5	31.97	-63.23	RMS	16	1.2	V	-61.3	-1.93

Horizontal

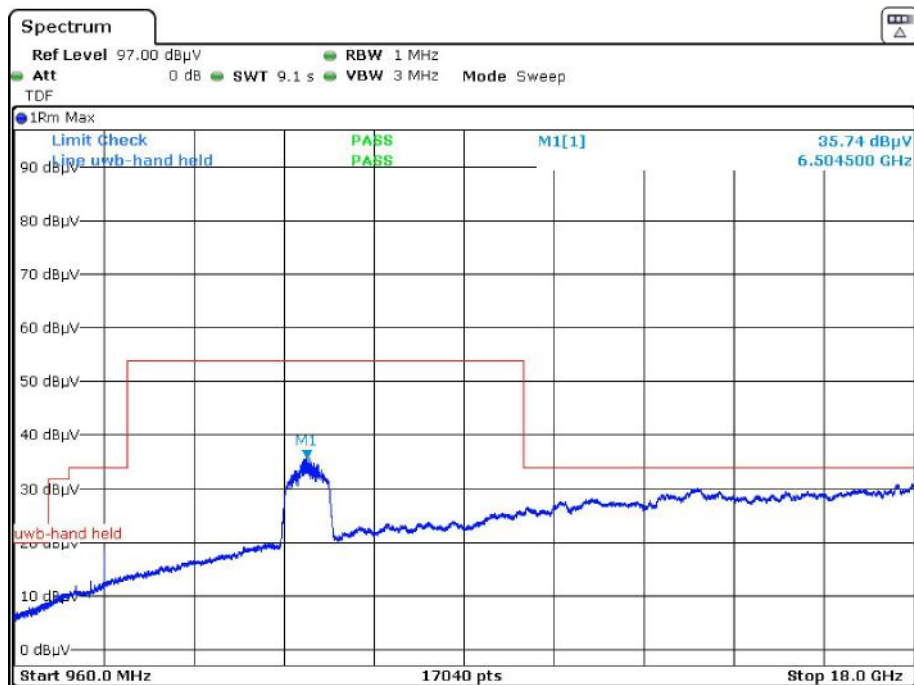


Date: 22.FEB.2022 09:21:58

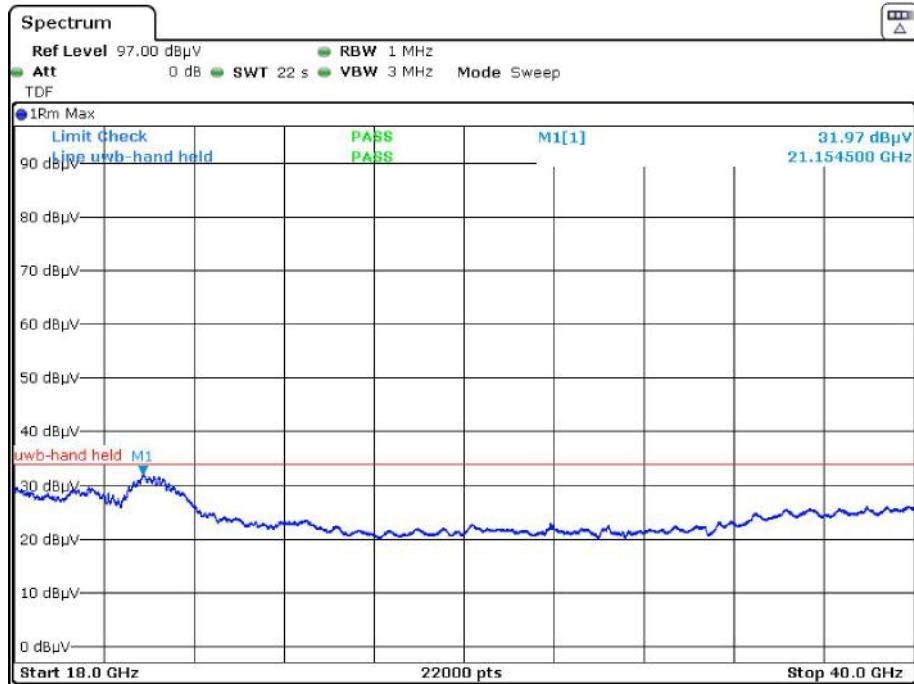


Date: 22.FEB.2022 09:30:21

Vertical



Date: 22.FEB.2022 09:26:45



Date: 22.FEB.2022 09:29:17

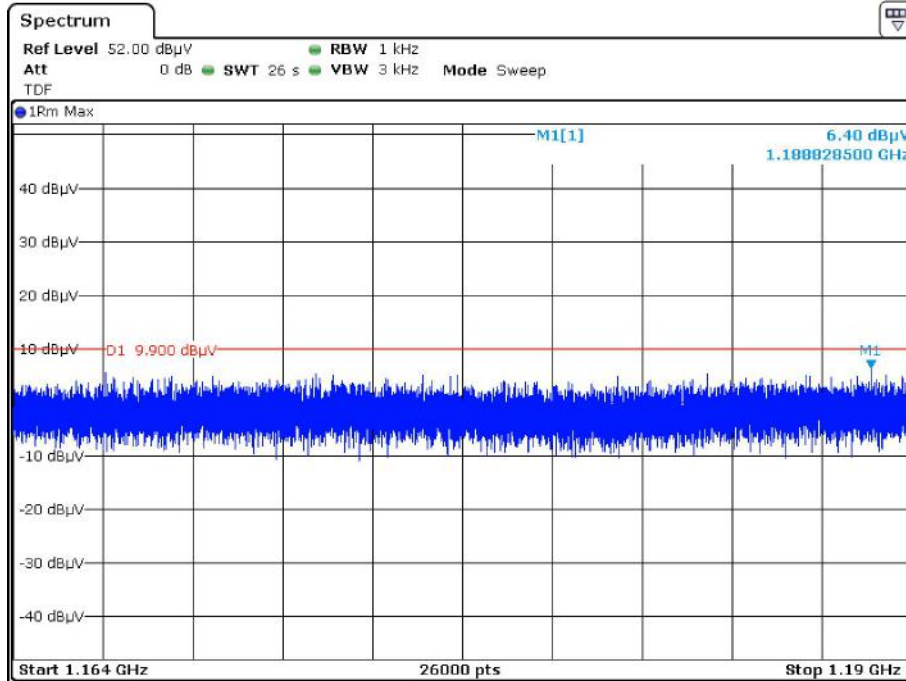
Spurious radiated emission above 960MHz in GPS band:

1. The test distance is 3m.
2. $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d = 3$ meters.
3. The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.

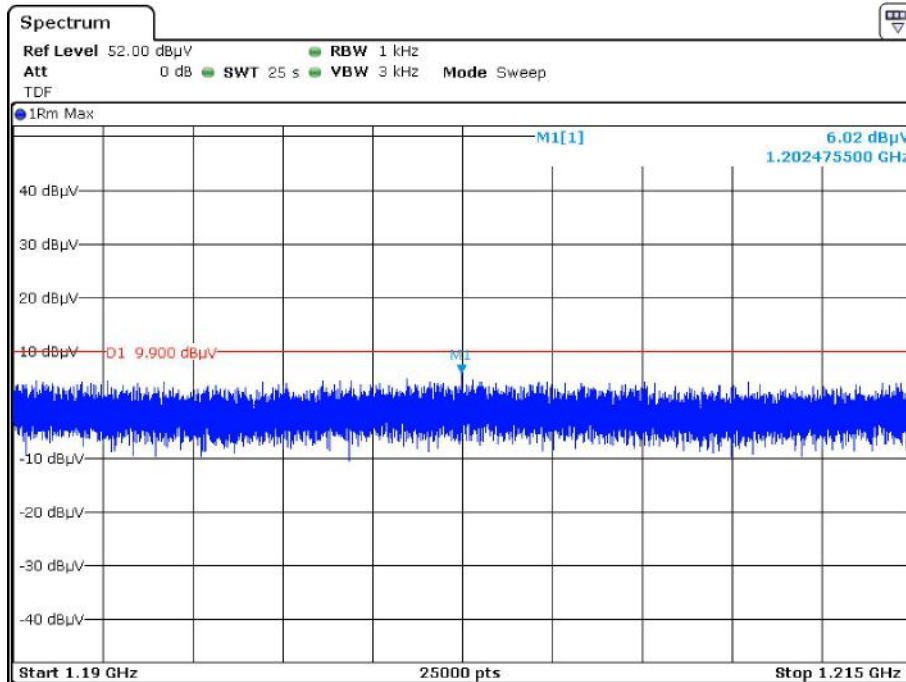
Frequency (MHz)	Corrected Amplitude (dBμV/m)	EIRP (dBm)	Detector	Turntable Degree	Rx Antenna		Part 15.519	
					Height (m)	Polar (H / V)	EIRP Limit (dBm)	Margin (dB)
1188.83	6.40	-88.80	RMS	148	1.3	H	-85.3	-3.50
1174.55	6.38	-88.82	RMS	249	2.1	V	-85.3	-3.52
1202.48	6.02	-89.18	RMS	94	2.0	H	-85.3	-3.88
1190.17	5.20	-90.00	RMS	190	2.3	V	-85.3	-4.70
1234.64	5.79	-89.41	RMS	141	1.4	H	-85.3	-4.11
1229.65	5.48	-89.72	RMS	7	2.4	V	-85.3	-4.42
1579.68	7.83	-87.37	RMS	66	1.1	H	-85.3	-2.07
1581.77	7.36	-87.84	RMS	331	1.4	V	-85.3	-2.54
1606.29	7.42	-87.78	RMS	36	2.0	H	-85.3	-2.48
1590.32	7.58	-87.62	RMS	138	1.9	V	-85.3	-2.32

1164-1240MHz:

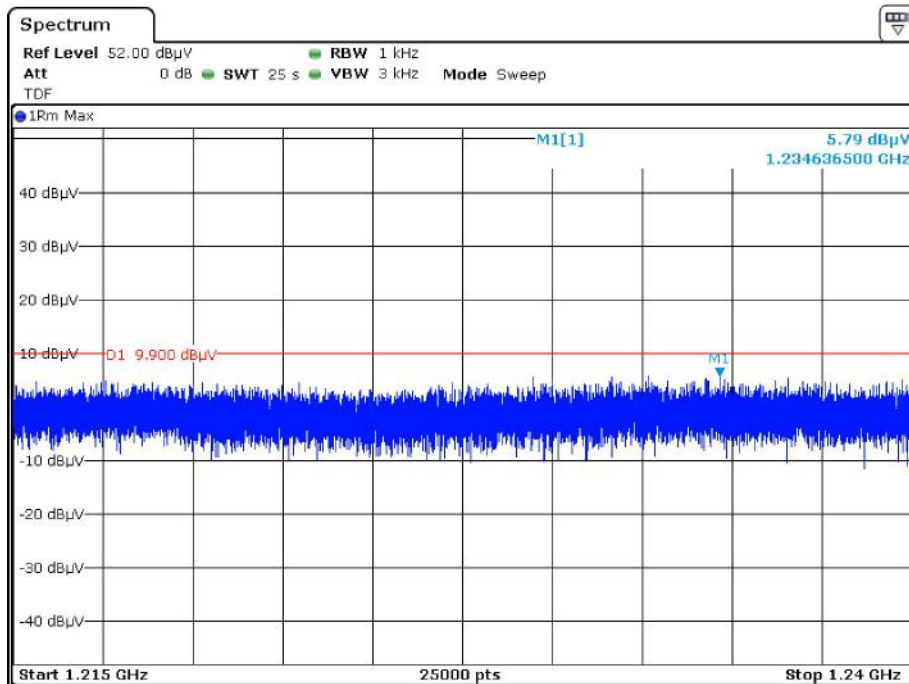
Horizontal



Date: 31.MAR.2022 11:16:07

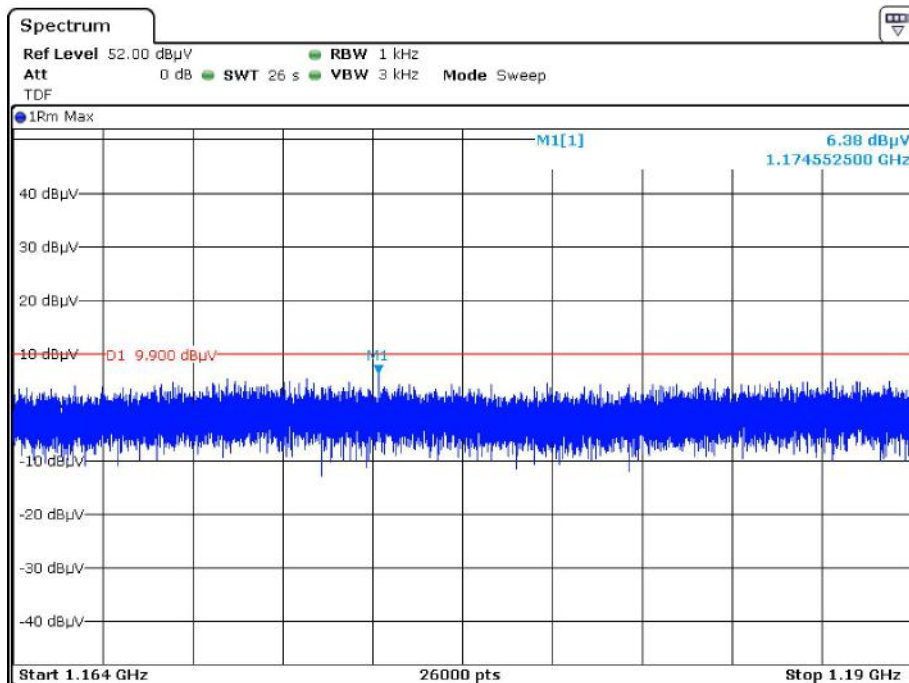


Date: 31.MAR.2022 11:18:15

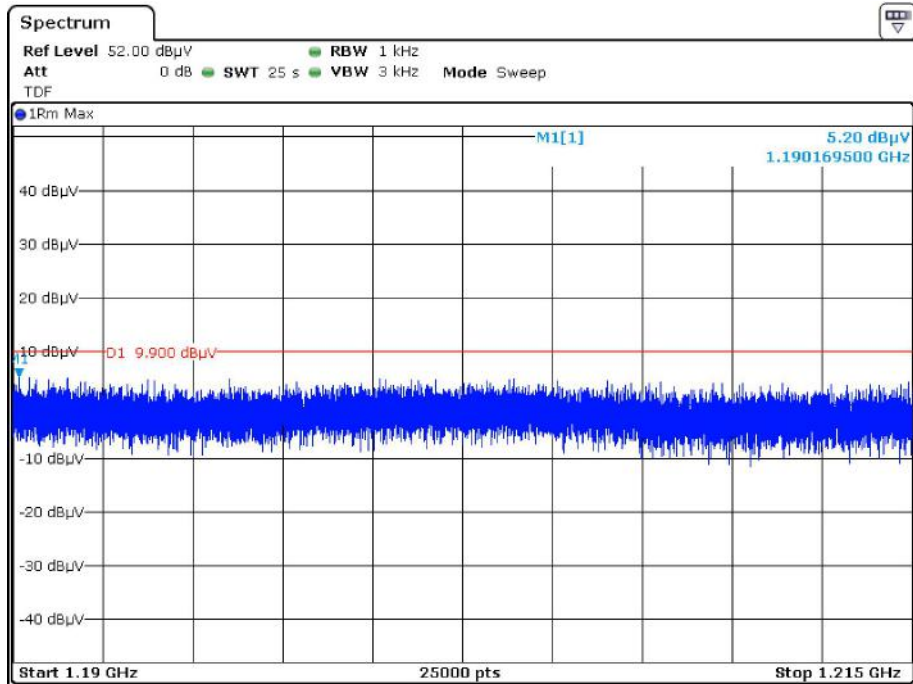


Date: 31.MAR.2022 11:19:49

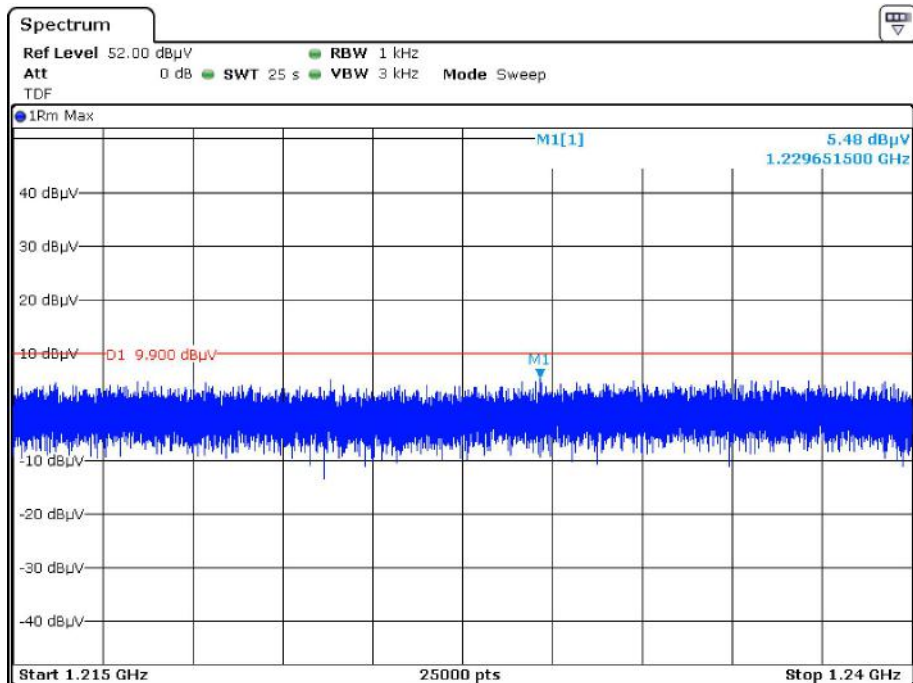
Vertical



Date: 31.MAR.2022 11:21:40



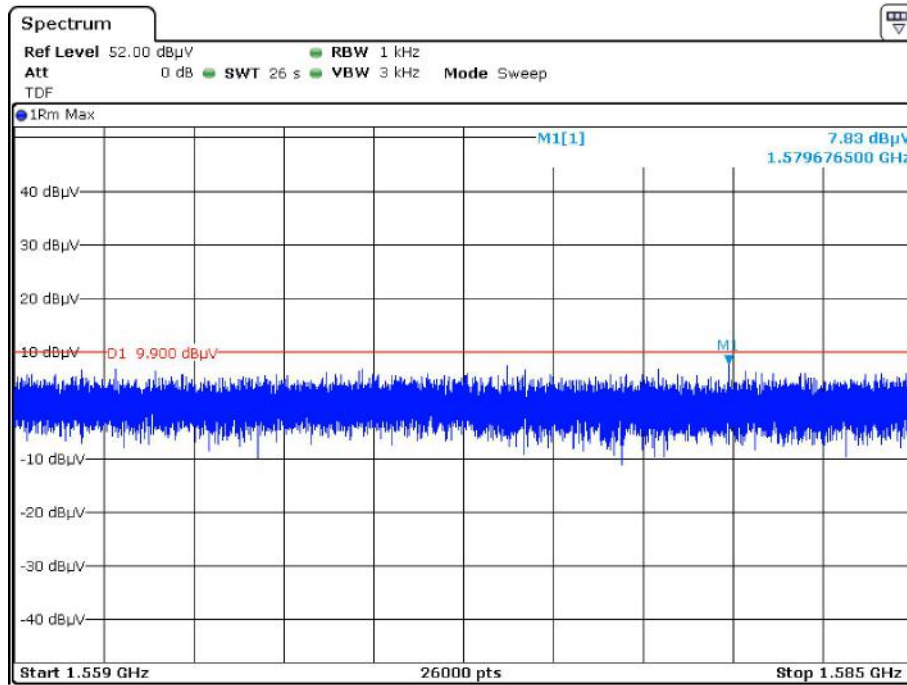
Date: 31.MAR.2022 11:23:33



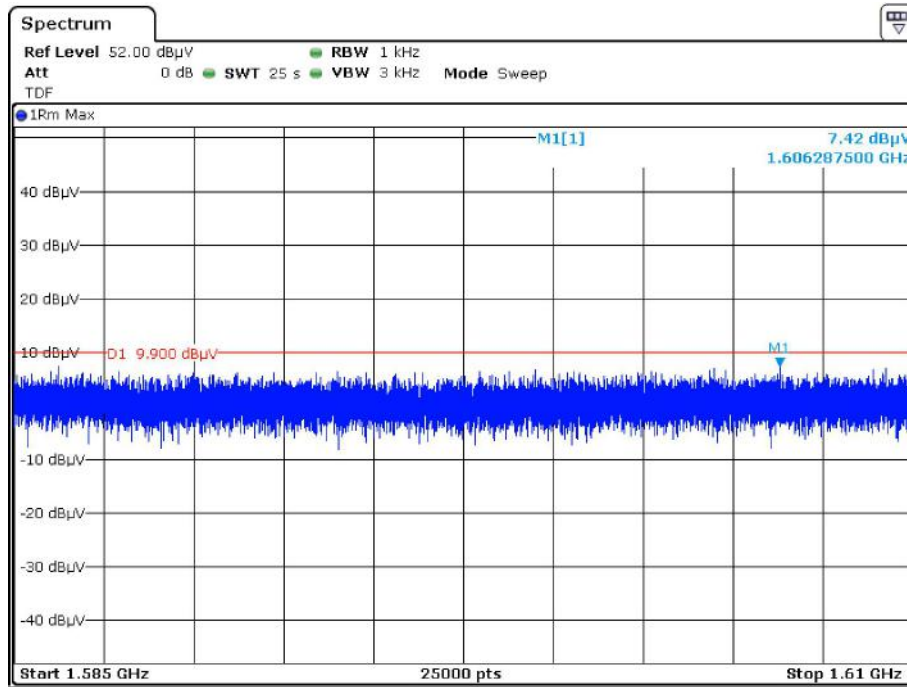
Date: 31.MAR.2022 11:24:59

1559-1610MHz:

Horizontal

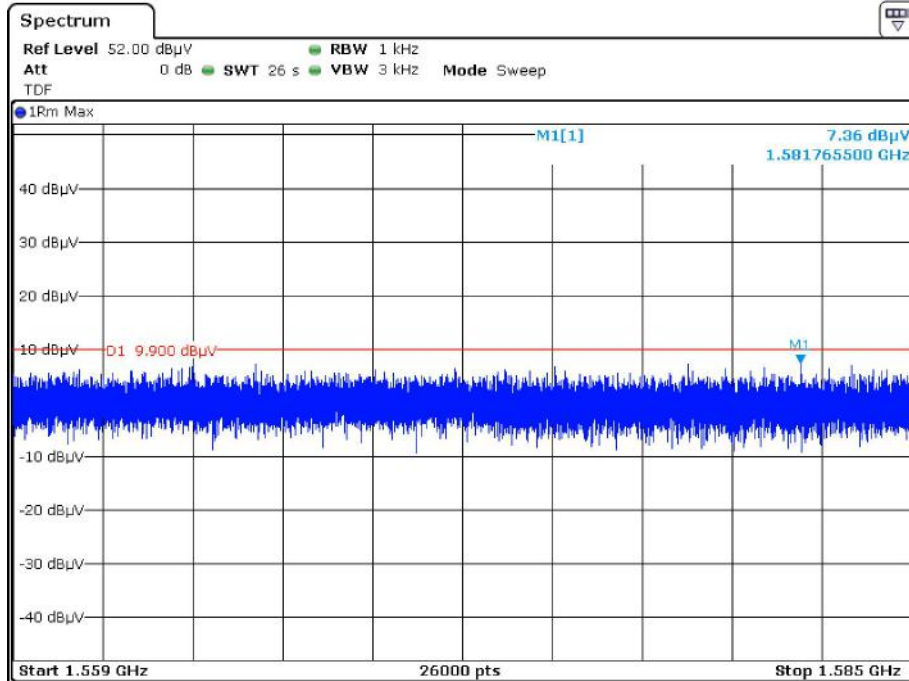


Date: 31.MAR.2022 11:27:11

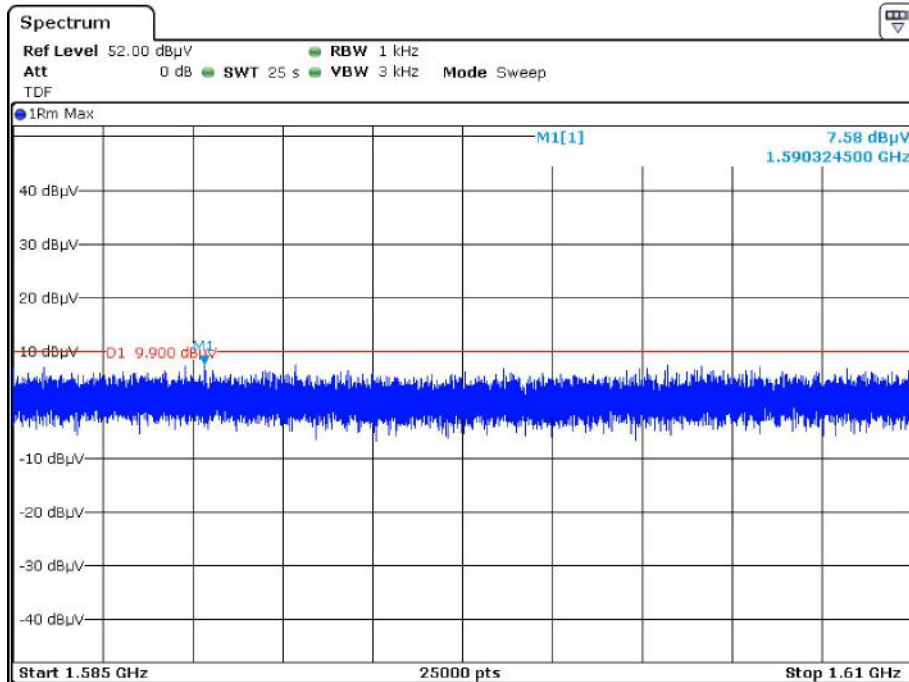


Date: 31.MAR.2022 11:29:15

Vertical



Date: 31.MAR.2022 11:31:31



Date: 31.MAR.2022 11:34:26

§15.519(e) -PEAK EMISSION IN A 50 MHZ BANDWIDTH

Applicable Standard

There is a limit on the peak level of the emissions contained within a 50 MHz bandwidth centered on the frequency at which the highest radiated emission occurs, f_M . That limit is 0 dBm EIRP. It is acceptable to employ a different resolution bandwidth, and a correspondingly different peak emission limit, following the procedures described in §15.521.

Test Procedure

Refer to the C63.10 -2013 Section 10.3.5.

Test Data

Environmental Conditions

Temperature:	24.7-25°C
Relative Humidity:	52-58 %
ATM Pressure:	101 kPa

The testing was performed by Caro Hu from 2021-12-24 to 2022-02-22.

EUT operation mode: Transmitting

Test result: Pass.

Please refer to follow tables and plots:

CH3 4493MHZ-PRF16-110K

Frequency (MHz)	Reading level (dBμV/m)	EIRP (dBm/10MHz)	EIRP (dBm/50MHz)	Limit
				dBm/50MHz
4436.6	75.84	-19.36	-5.36	0

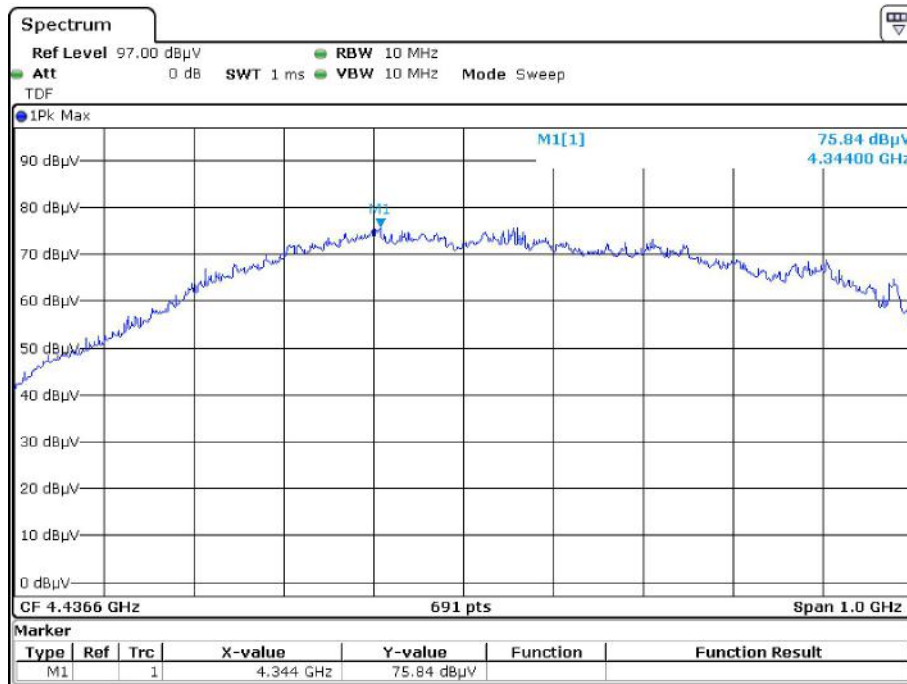
$E[dB\mu V/m] = EIRP[dBm] + 95.2, \text{ for } d = 3 \text{ meters.}$

The test distance is 3m.

The measurement RBW is 10MHz, to convert to 50MHz RBW, the correct factor= $20\log(50MHz/10MHz)=14dB$.

$EIRP(dBm/50MHz)=EIRP(dBm/10MHz)+\text{correct factor}$

The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.



Date: 22.FEB.2022 05:19:19

C3 4493MHZ-PRF16-850K

Frequency (MHz)	Reading level (dBμV/m)	EIRP (dBm/10MHz)	EIRP (dBm/50MHz)	Limit
				dBm/50MHz
4511.8	75.04	-20.16	-6.16	0

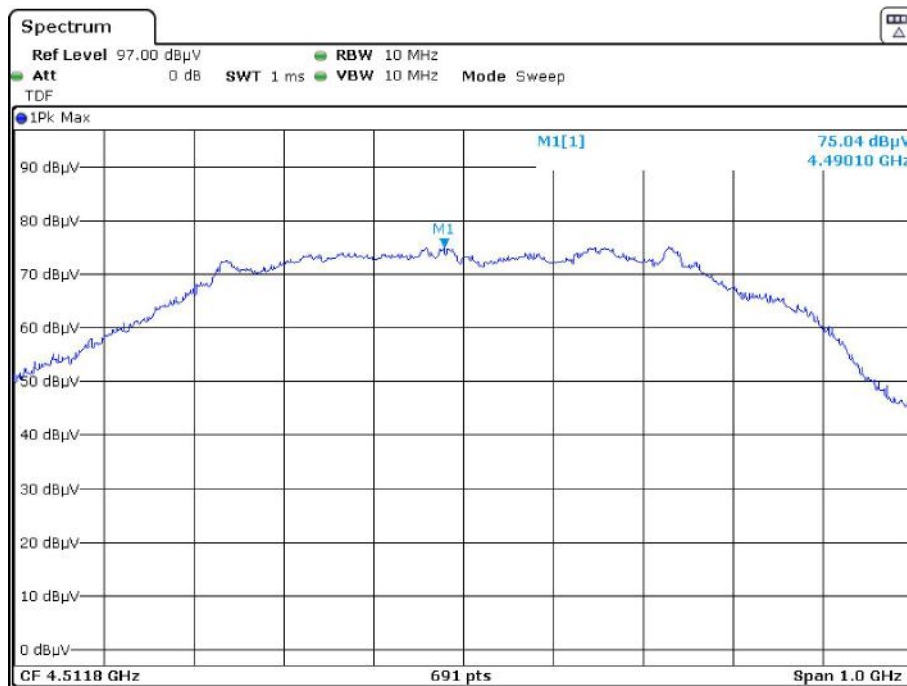
$E[dB\mu V/m] = EIRP[dBm] + 95.2, \text{ for } d = 3 \text{ meters.}$

The test distance is 3m.

The measurement RBW is 10MHz, to convert to 50MHz RBW, the correct factor= $20\log(50\text{MHz}/10\text{MHz})=14\text{dB}$.

$EIRP(\text{dBm}/50\text{MHz})=EIRP(\text{dBm}/10\text{MHz})+\text{correct factor}$

The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.



Date: 22.FEB.2022 06:21:30

C3 4493MHZ-PRF64-110K

Frequency (MHz)	Reading level (dBμV/m)	EIRP (dBm/10MHz)	EIRP (dBm/50MHz)	Limit
				dBm/50MHz
4493.0	78.24	-16.96	-2.96	0

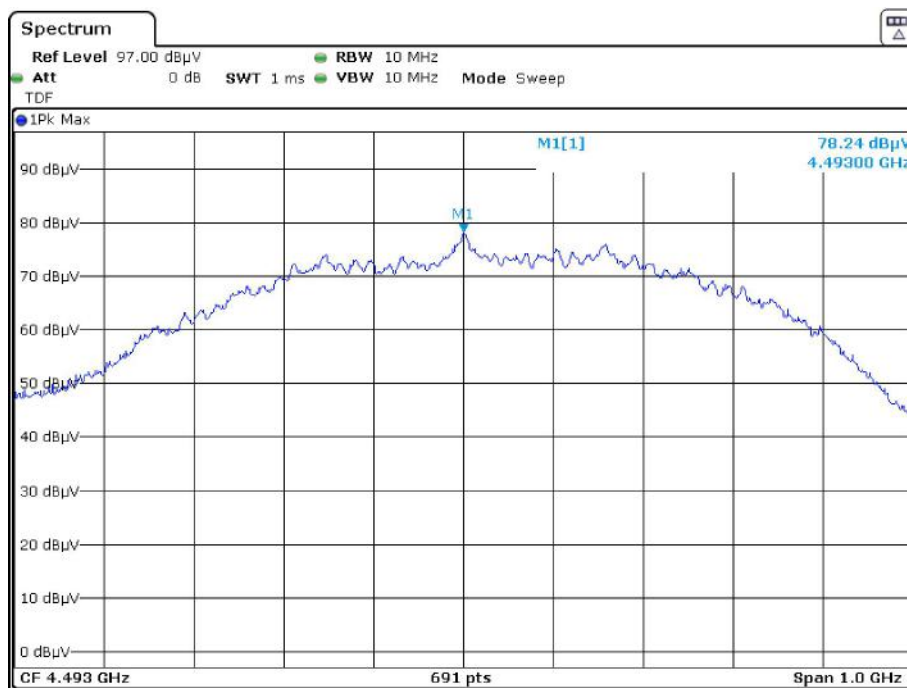
$E[dB\mu V/m] = EIRP[dBm] + 95.2, \text{ for } d = 3 \text{ meters.}$

The test distance is 3m.

The measurement RBW is 10MHz, to convert to 50MHz RBW, the correct factor= $20\log(50\text{MHz}/10\text{MHz})=14\text{dB}$.

$EIRP(\text{dBm}/50\text{MHz})=EIRP(\text{dBm}/10\text{MHz})+\text{correct factor}$

The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.



C3 4493MHZ-PRF64-850K

Frequency (MHz)	Reading level (dBμV/m)	EIRP (dBm/10MHz)	EIRP (dBm/50MHz)	Limit
				dBm/50MHz
4494.4	78.96	-16.24	-2.24	0

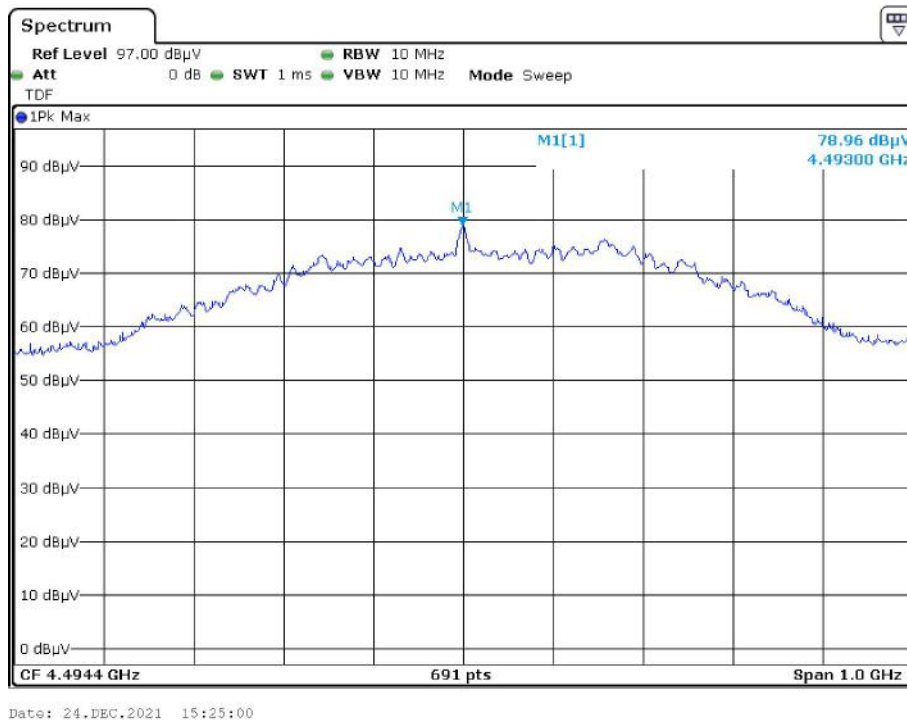
$E[dB\mu V/m] = EIRP[dBm] + 95.2, \text{ for } d = 3 \text{ meters.}$

The test distance is 3m.

The measurement RBW is 10MHz, to convert to 50MHz RBW, the correct factor= $20\log(50MHz/10MHz)=14dB$.

$EIRP(dBm/50MHz)=EIRP(dBm/10MHz)+\text{correct factor}$

The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.



C5 6490MHZ-PRF16-110K

Frequency (MHz)	Reading level (dBμV/m)	EIRP (dBm/10MHz)	EIRP (dBm/50MHz)	Limit
				dBm/50MHz
6526.2	79.58	-15.62	-1.62	0

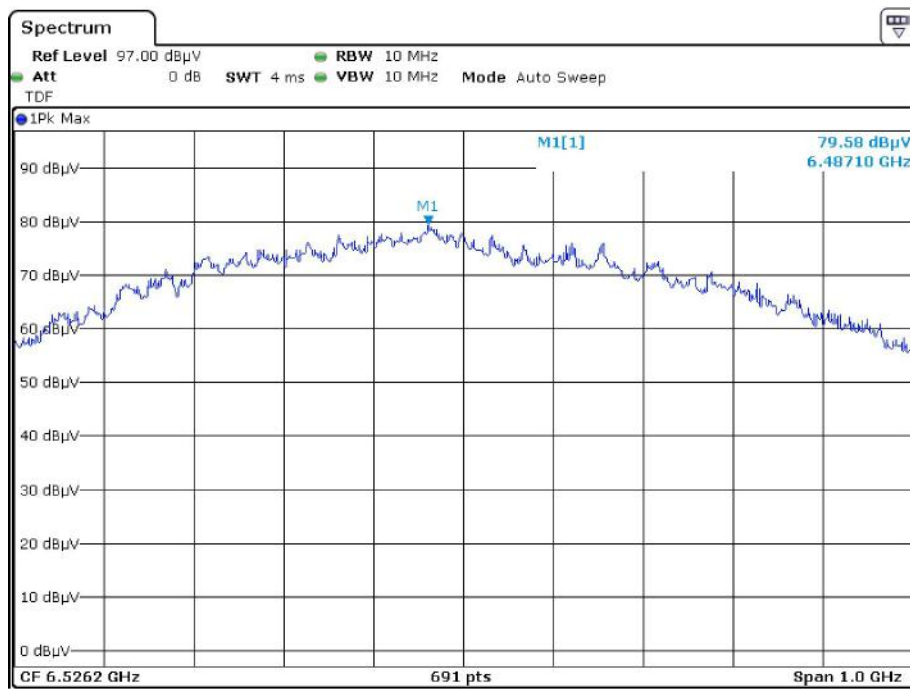
$E[dB\mu V/m] = EIRP[dBm] + 95.2, \text{ for } d = 3 \text{ meters.}$

The test distance is 3m.

The measurement RBW is 10MHz, to convert to 50MHz RBW, the correct factor= $20\log(50\text{MHz}/10\text{MHz})=14\text{dB}$.

$EIRP(\text{dBm}/50\text{MHz})=EIRP(\text{dBm}/10\text{MHz})+\text{correct factor}$

The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.



Date: 22.FEB.2022 11:40:16

C5 6490MHZ-PRF16-850K

Frequency (MHz)	Reading level (dBμV/m)	EIRP (dBm/10MHz)	EIRP (dBm/50MHz)	Limit
				dBm/50MHz
6488.6	78.09	-17.11	-3.11	0

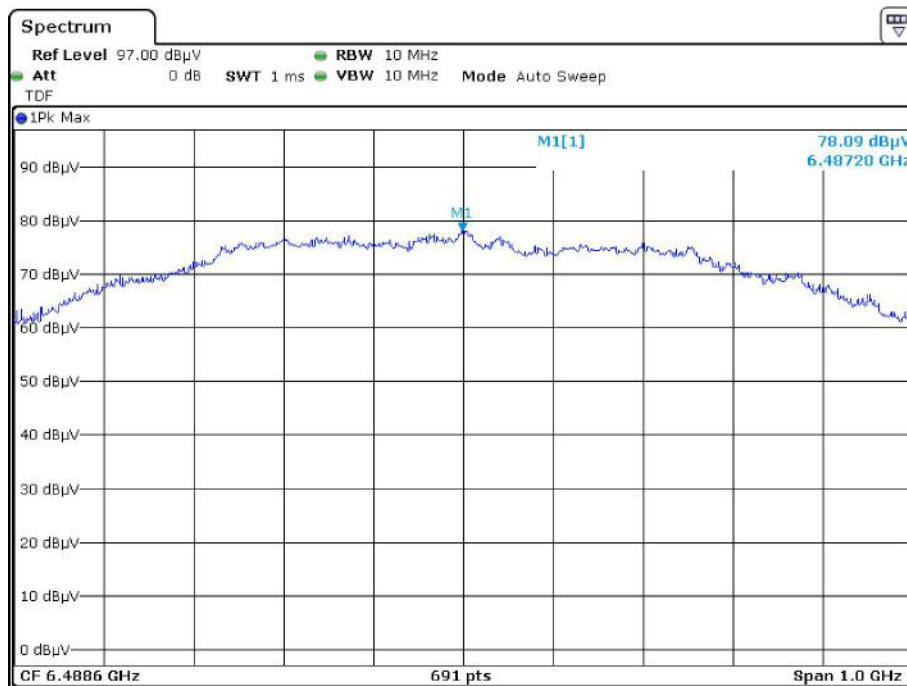
$E[dB\mu V/m] = EIRP[dBm] + 95.2, \text{ for } d = 3 \text{ meters.}$

The test distance is 3m.

The measurement RBW is 10MHz, to convert to 50MHz RBW, the correct factor= $20\log(50\text{MHz}/10\text{MHz})=14\text{dB}$.

$EIRP(\text{dBm}/50\text{MHz})=EIRP(\text{dBm}/10\text{MHz})+\text{correct factor}$

The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.



Date: 22.FEB.2022 10:31:03

C5 6490MHZ-PRF64-110K

Frequency (MHz)	Reading level (dBμV/m)	EIRP (dBm/10MHz)	EIRP (dBm/50MHz)	Limit
				dBm/50MHz
6491.4	73.26	-21.94	-7.94	0

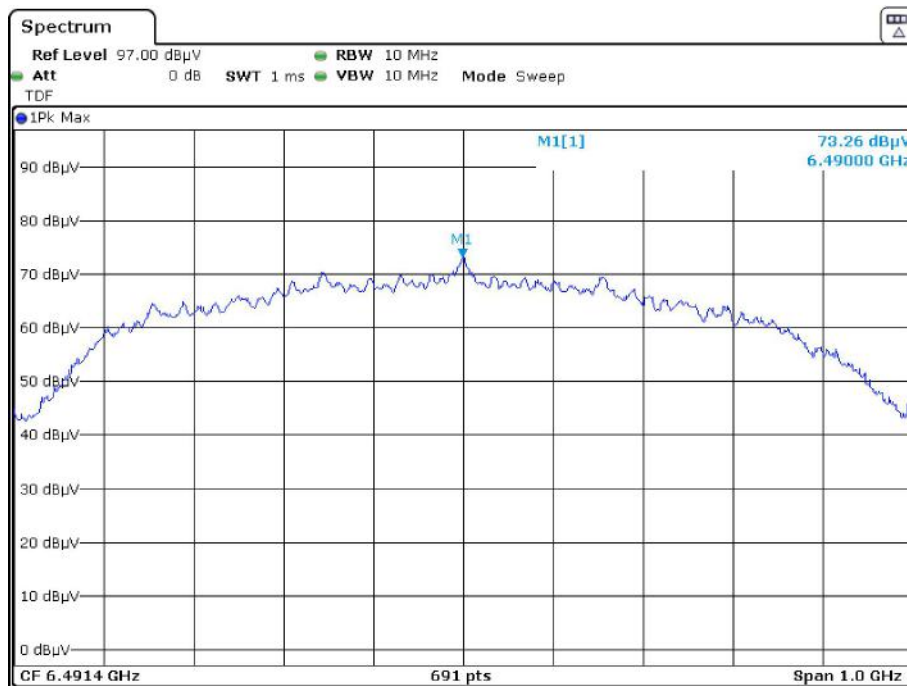
$E[dB\mu V/m] = EIRP[dBm] + 95.2, \text{ for } d = 3 \text{ meters.}$

The test distance is 3m.

The measurement RBW is 10MHz, to convert to 50MHz RBW, the correct factor= $20\log(50MHz/10MHz)=14dB$.

$EIRP(dBm/50MHz)=EIRP(dBm/10MHz)+\text{correct factor}$

The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.



Date: 22.FEB.2022 09:52:59

C5 6490MHZ-PRF64850K

Frequency (MHz)	Reading level (dBμV/m)	EIRP (dBm/10MHz)	EIRP (dBm/50MHz)	Limit
				dBm/50MHz
6488.6	73.47	-21.73	-7.73	0

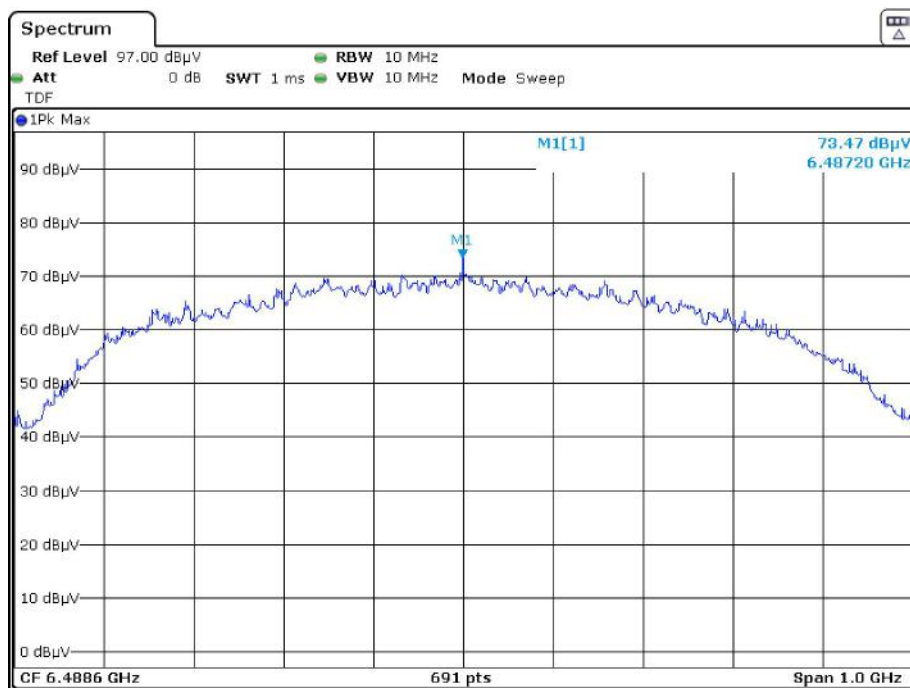
$E[dB\mu V/m] = EIRP[dBm] + 95.2, \text{ for } d = 3 \text{ meters.}$

The test distance is 3m.

The measurement RBW is 10MHz, to convert to 50MHz RBW, the correct factor= $20\log(50\text{MHz}/10\text{MHz})=14\text{dB}$.

$EIRP(\text{dBm}/50\text{MHz})=EIRP(\text{dBm}/10\text{MHz})+\text{correct factor}$

The antenna factor, cable loss and preamplifier gain have been entered into the analyzer as the transducer factor.



Date: 22.FEB.2022 09:17:47

***** END OF REPORT *****