

11. MAXIMUM PEAK OUTPUT POWER

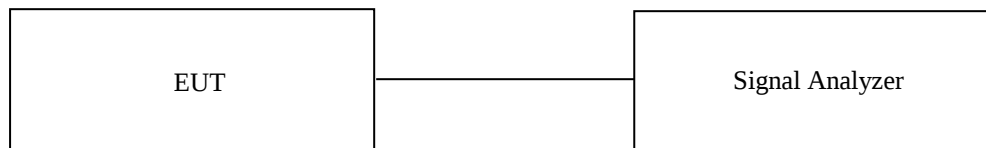
11.1 Operating environment

Temperature : 23 °C
Relative humidity : 45 % R.H.

11.2 Test set-up

The antenna output of the EUT was connected to the spectrum analyzer.

The resolution bandwidth is set to > DTS Bandwidth, the video bandwidth is set to 3 times the resolution bandwidth.



11.3 Test Date

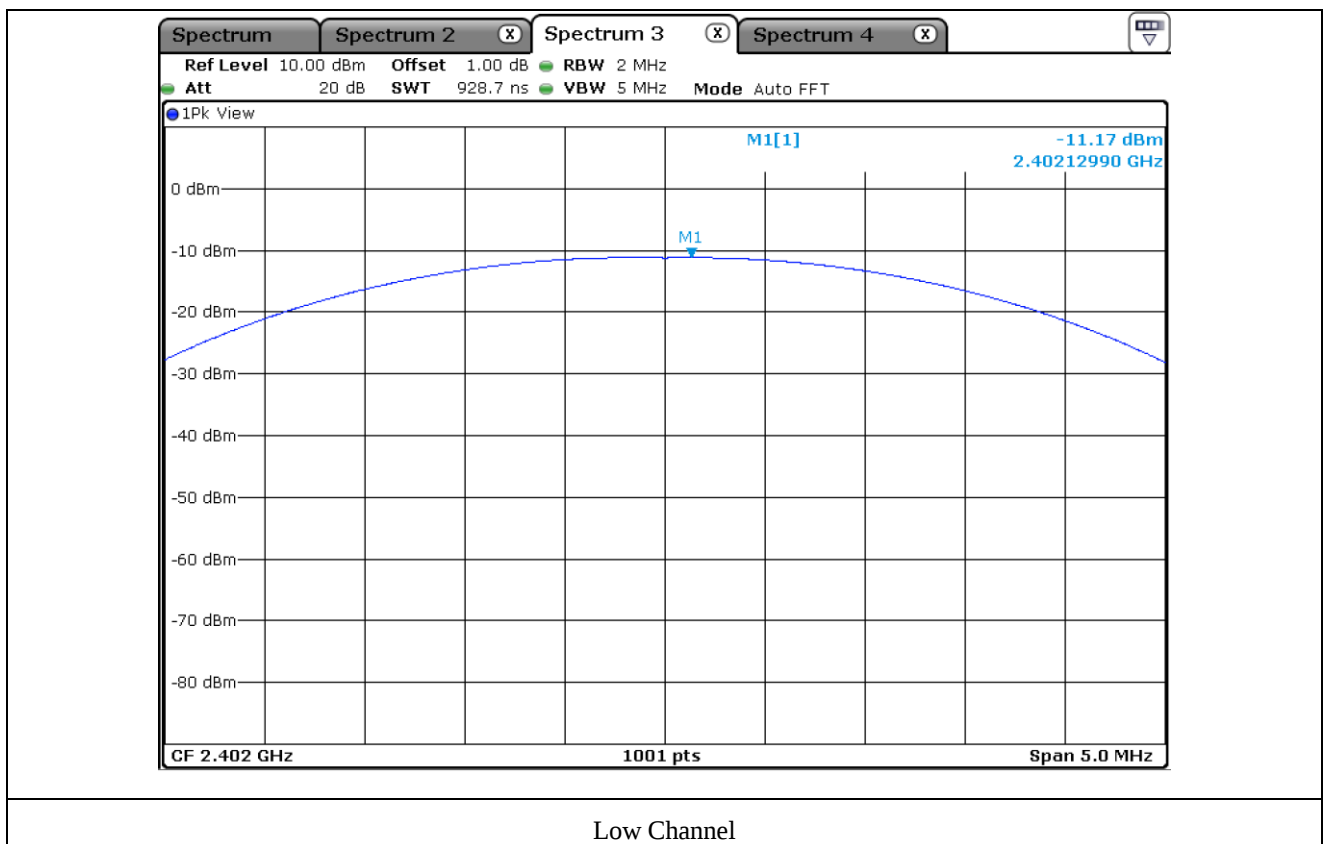
October 13, 2021 ~ October 14, 2021

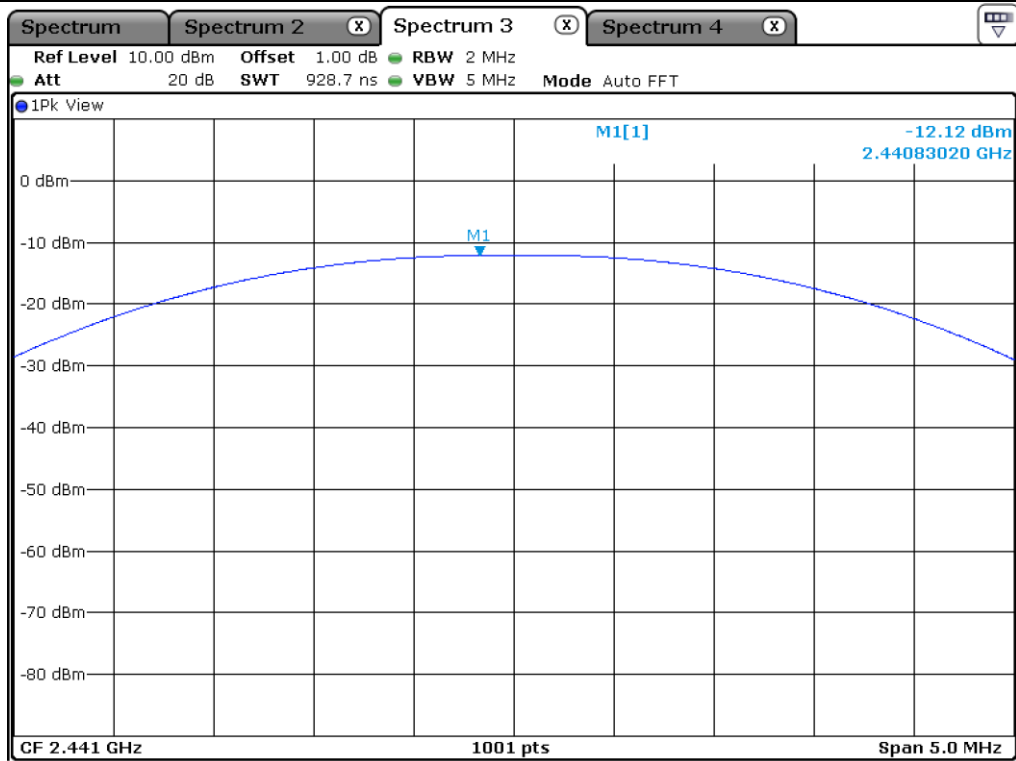
11.4 Test data for 1 Mbps

-. Test Result : Pass

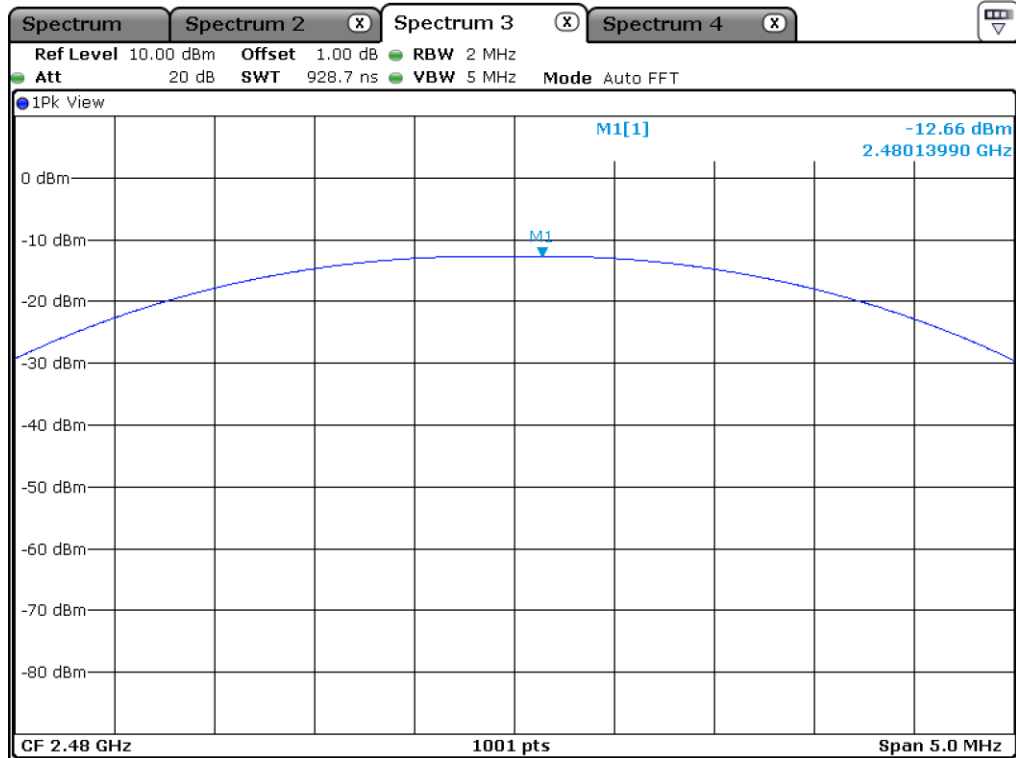
CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	LIMIT (dBm)	MARGIN (dB)
LOW	2 402.00	-11.17	21.00	32.17
MIDDLE	2 441.00	-12.12	21.00	33.12
HIGH	2 480.00	-12.66	21.00	33.66

Remark. Margin = Limit – Measured Value (=Receiver Reading + Cable Loss)





Middle Channel



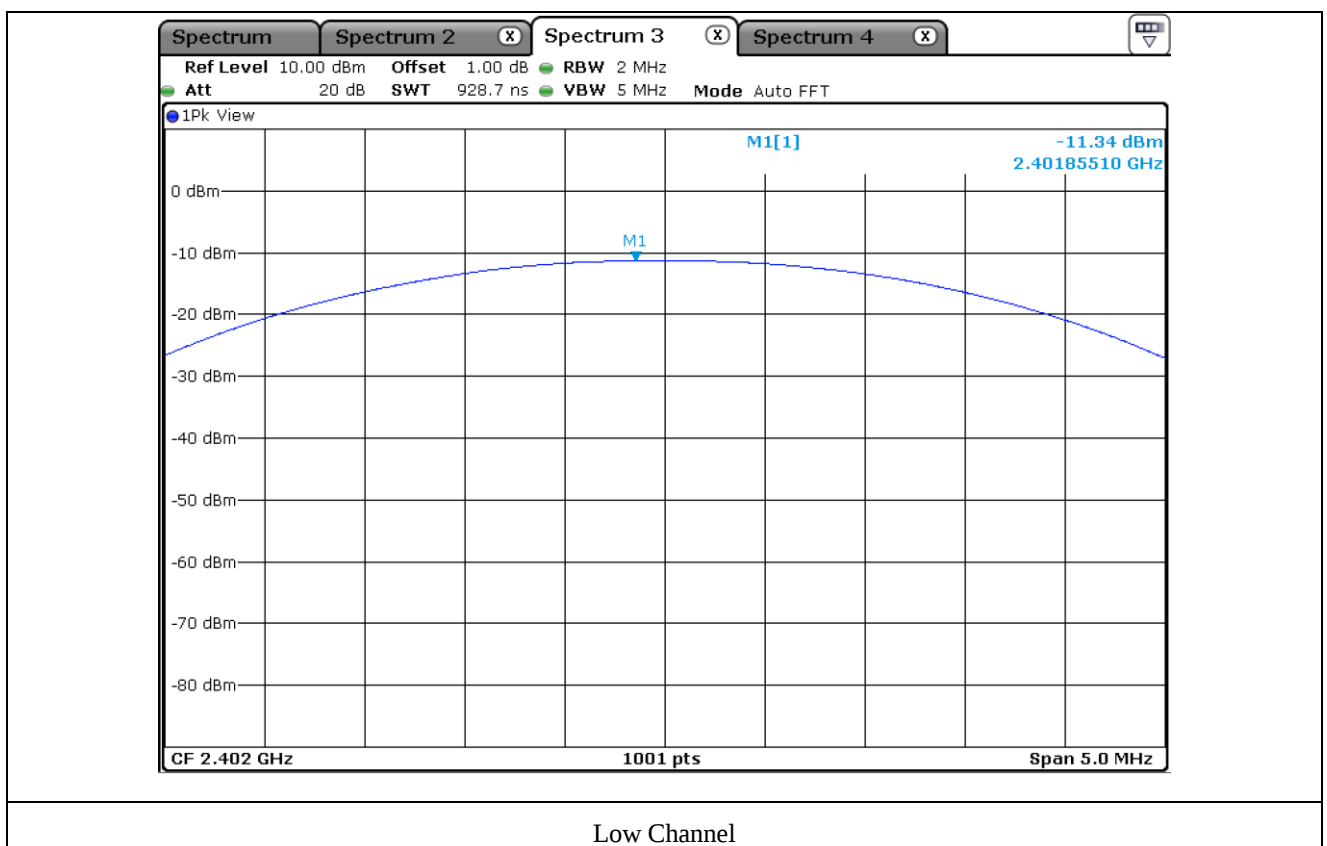
High Channel

11.5 Test data for 2 Mbps

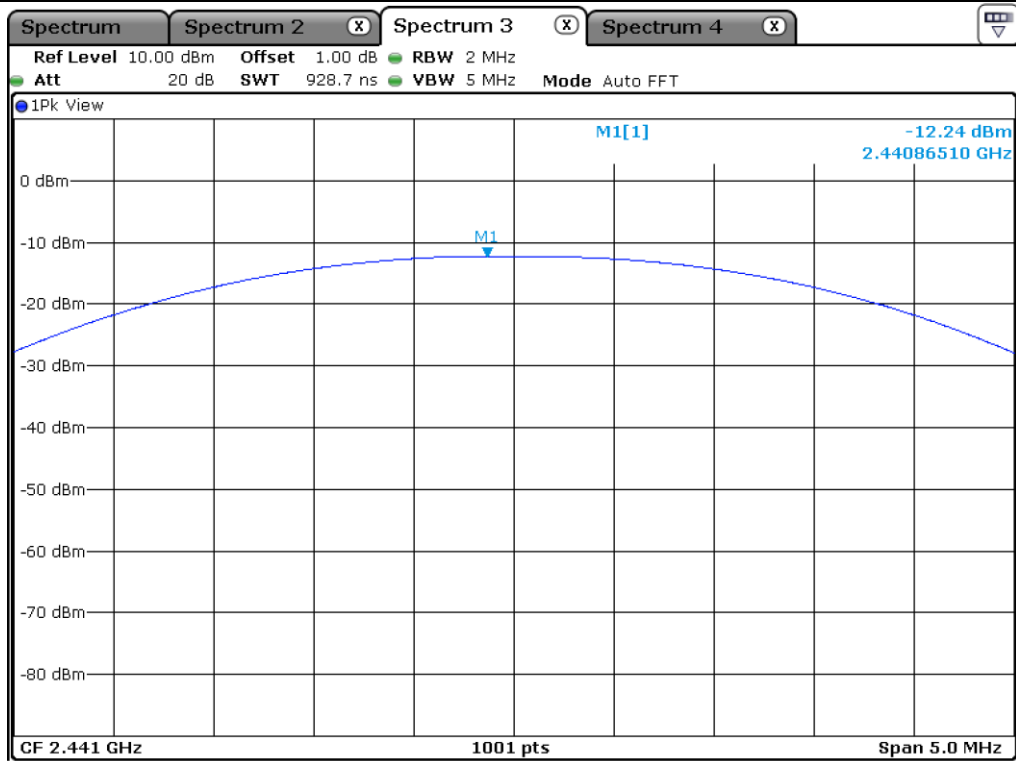
-. Test Result : Pass

CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	LIMIT (dBm)	MARGIN (dB)
LOW	2 402.00	-11.34	21.00	32.34
MIDDLE	2 441.00	-12.24	21.00	33.24
HIGH	2 480.00	-12.91	21.00	33.91

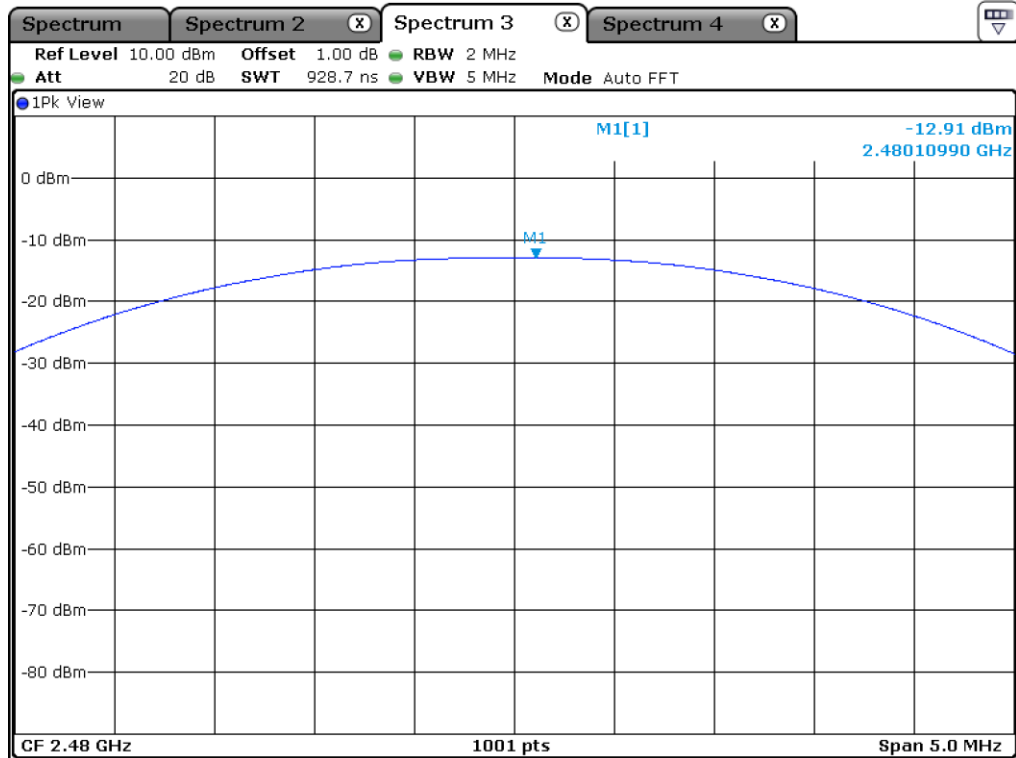
Remark. Margin = Limit – Measured Value (=Receiver Reading + Cable Loss)



Low Channel



Middle Channel



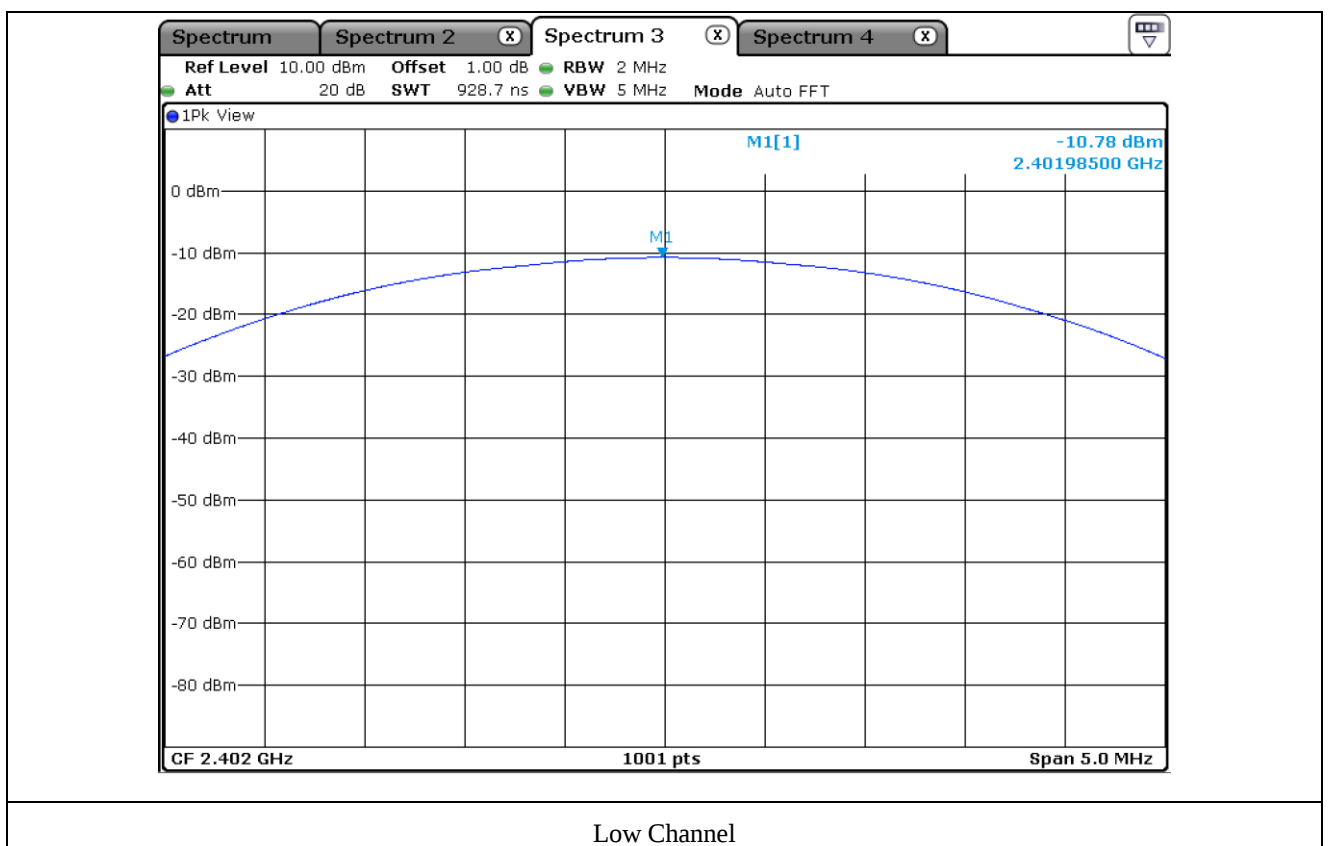
High Channel

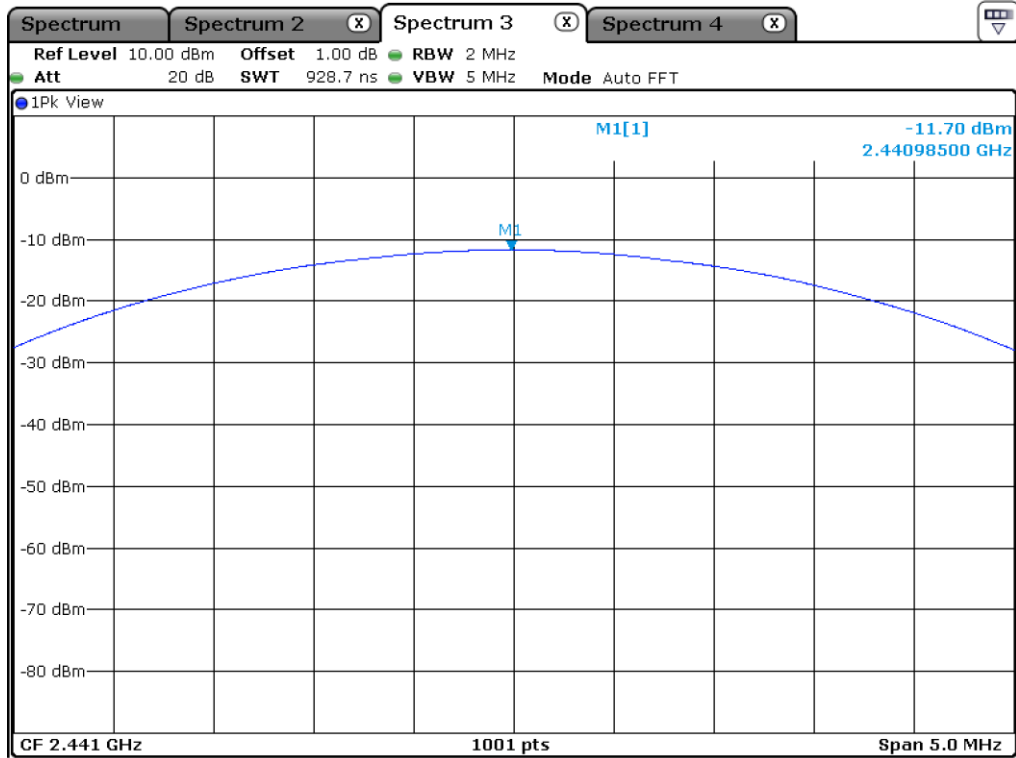
11.6 Test data for 3 Mbps

-. Test Result : Pass

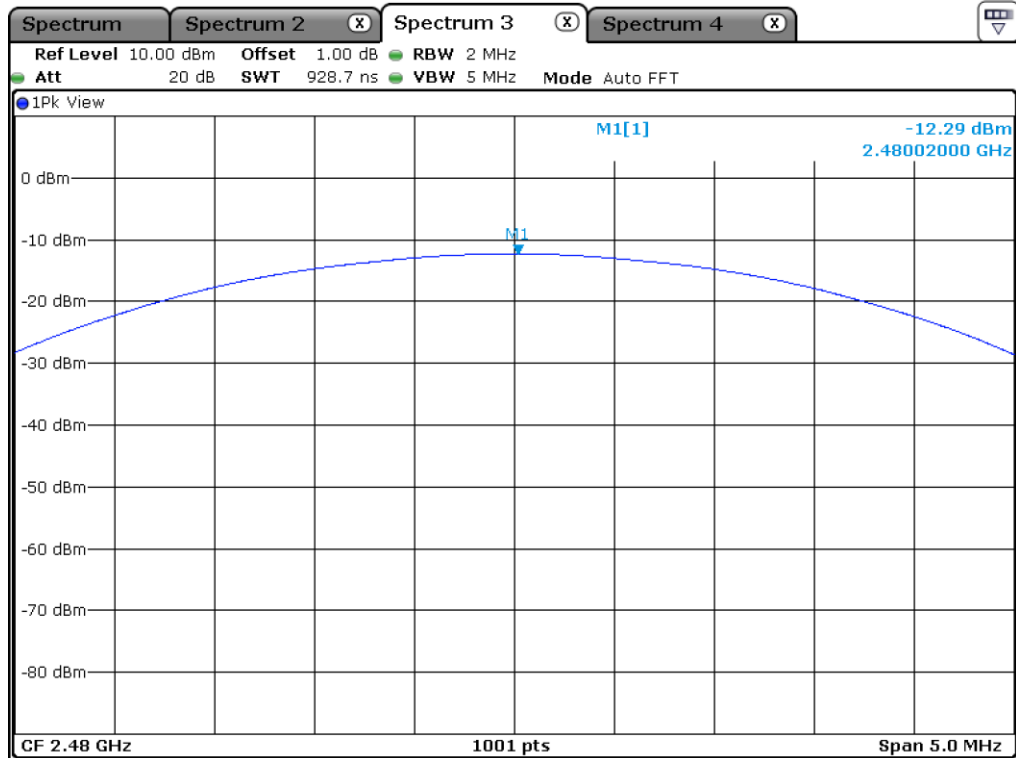
CHANNEL	FREQUENCY (MHz)	MEASURED VALUE (dBm)	LIMIT (dBm)	MARGIN (dB)
LOW	2 402.00	-10.78	21.00	31.78
MIDDLE	2 441.00	-11.70	21.00	32.70
HIGH	2 480.00	-12.29	21.00	33.29

Remark. Margin = Limit – Measured Value (=Receiver Reading + Cable Loss)





Middle Channel



High Channel

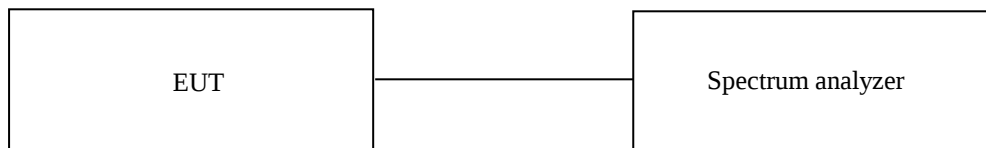
12. 100 kHz BANDWIDTH OUTSIDE THE FREQUENCY BAND

12.1 Operating environment

Temperature : 23 °C
Relative humidity : 45 % R.H.

12.2 Test set-up for conducted measurement

The antenna output of the EUT was connected to the spectrum analyzer. The resolution and video bandwidth is set to 100 kHz, and peak detection was used.



12.3 Test set-up for radiated measurement

The radiated emissions measurements were performed on the 3 m semi anechoic chamber. The EUT was placed on turntable approximately 1.5 m above the ground plane.

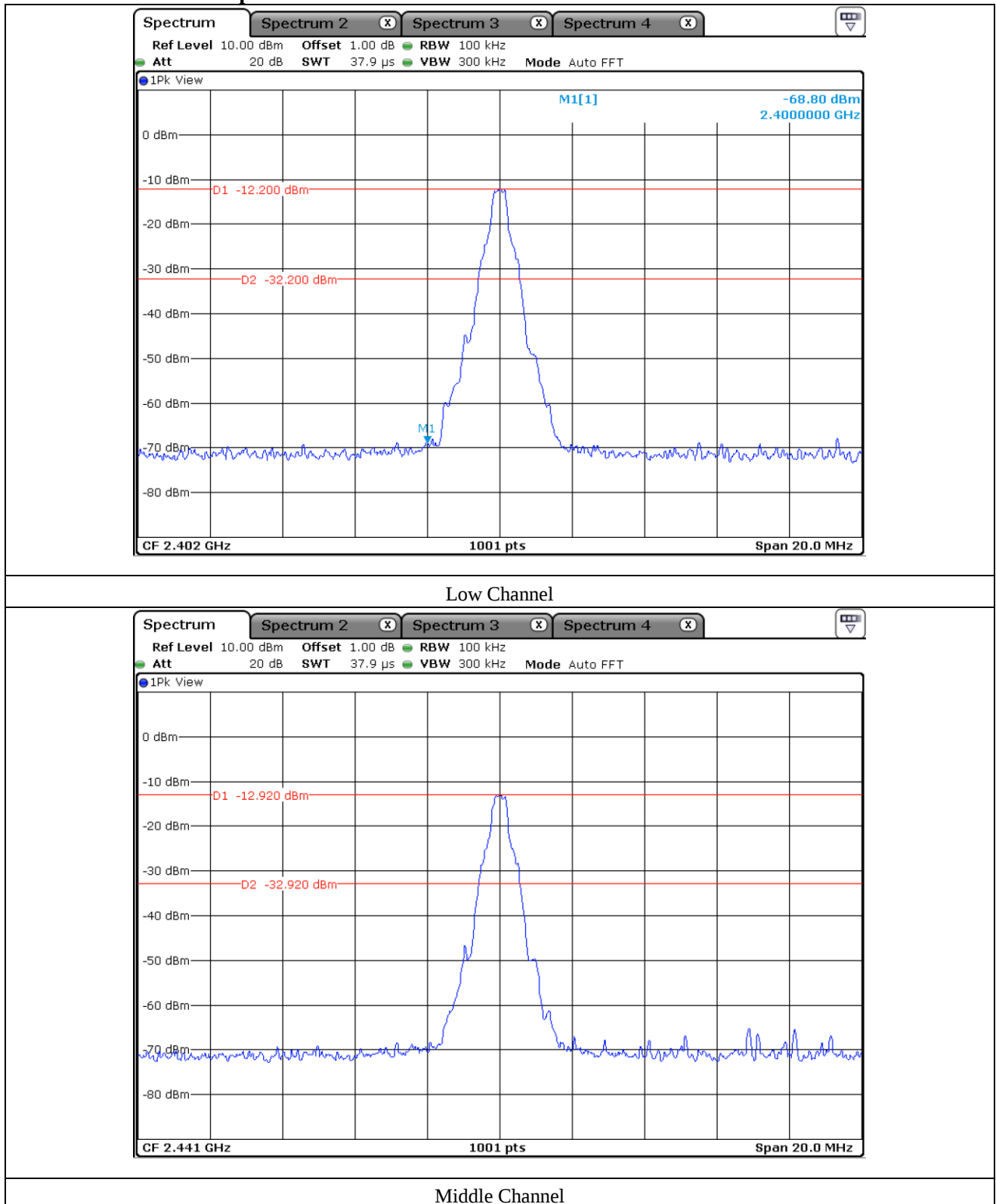
The frequency spectrum from 30 MHz to 26.5 GHz was scanned and maximum emission levels at each frequency recorded. The system was rotated 360°, and the antenna was varied in the height between 1.0 m and 4.0 m in order to determine the maximum emission levels. This procedure was performed for horizontal and vertical polarization of the receiving antenna.

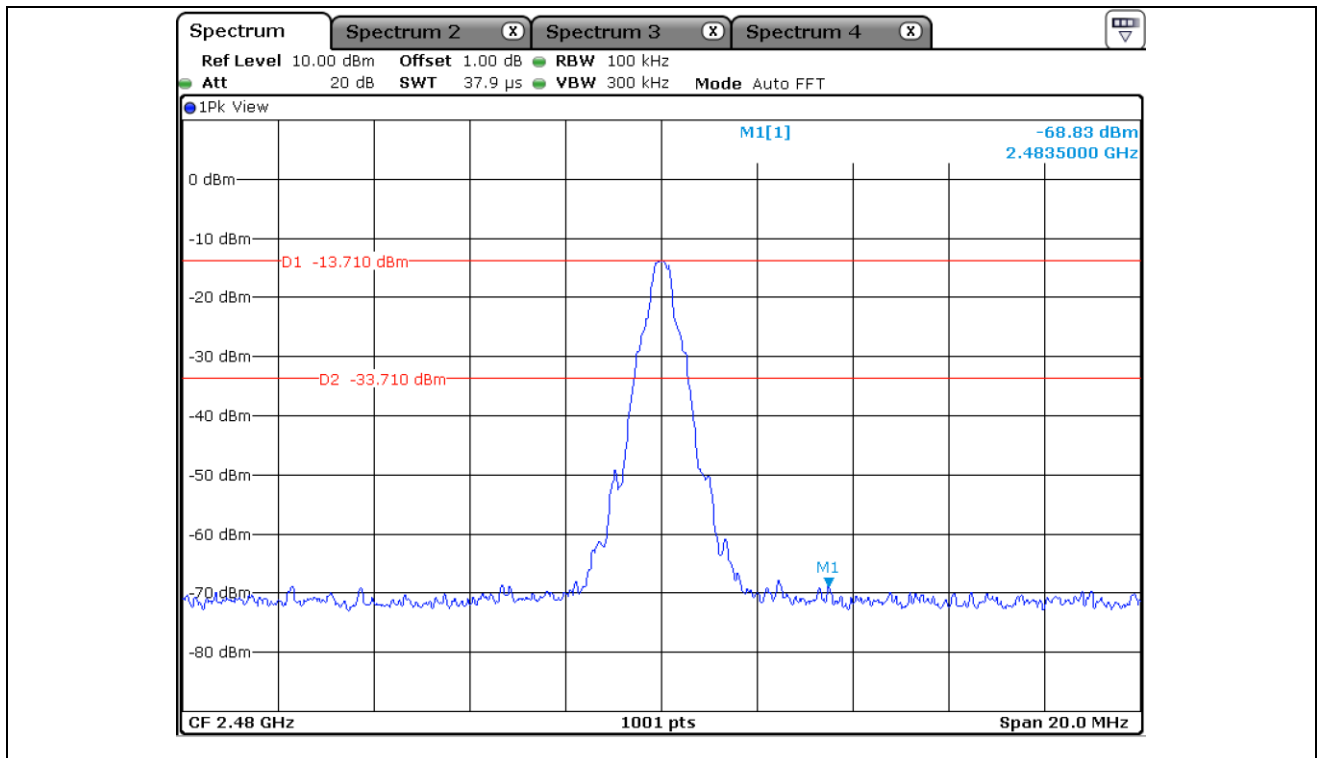
12.4 Test Date

October 13, 2021 ~ October 14, 2021

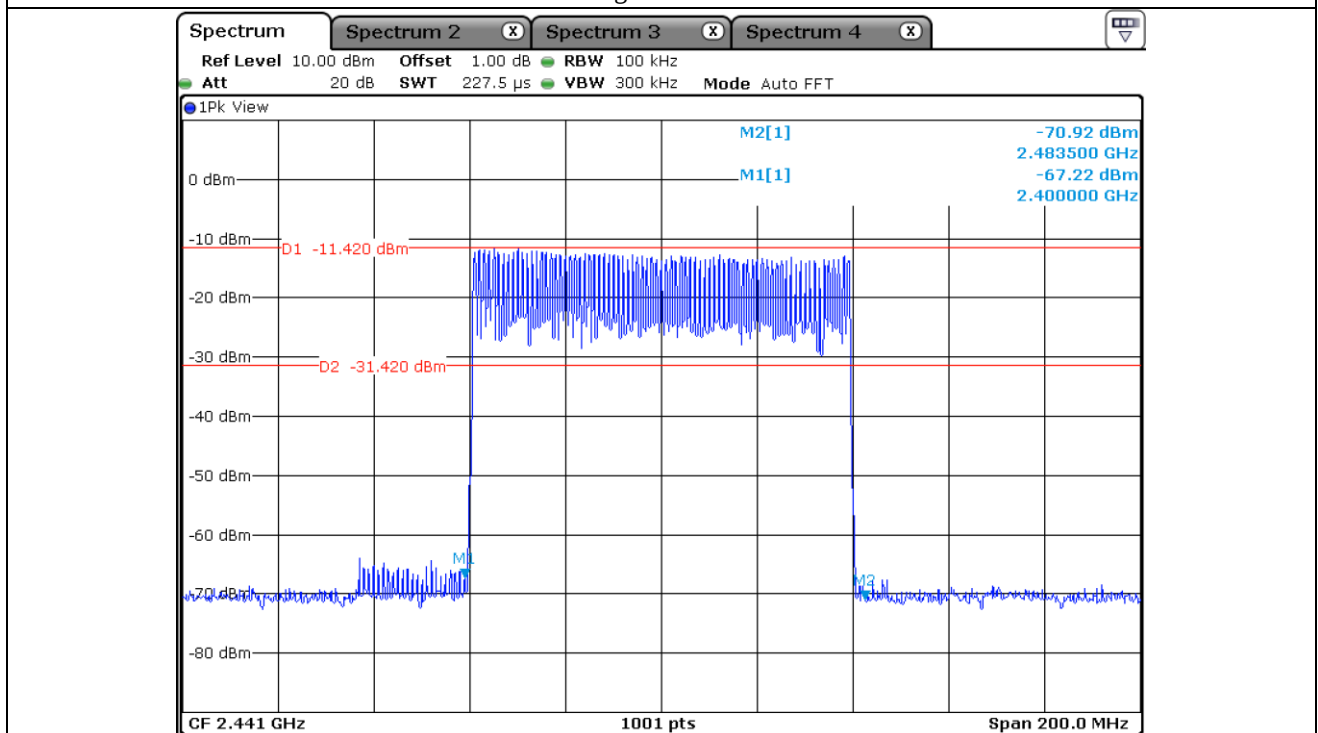
12.5 Test data for conducted emission

12.5.1 Test data for 1 Mbps

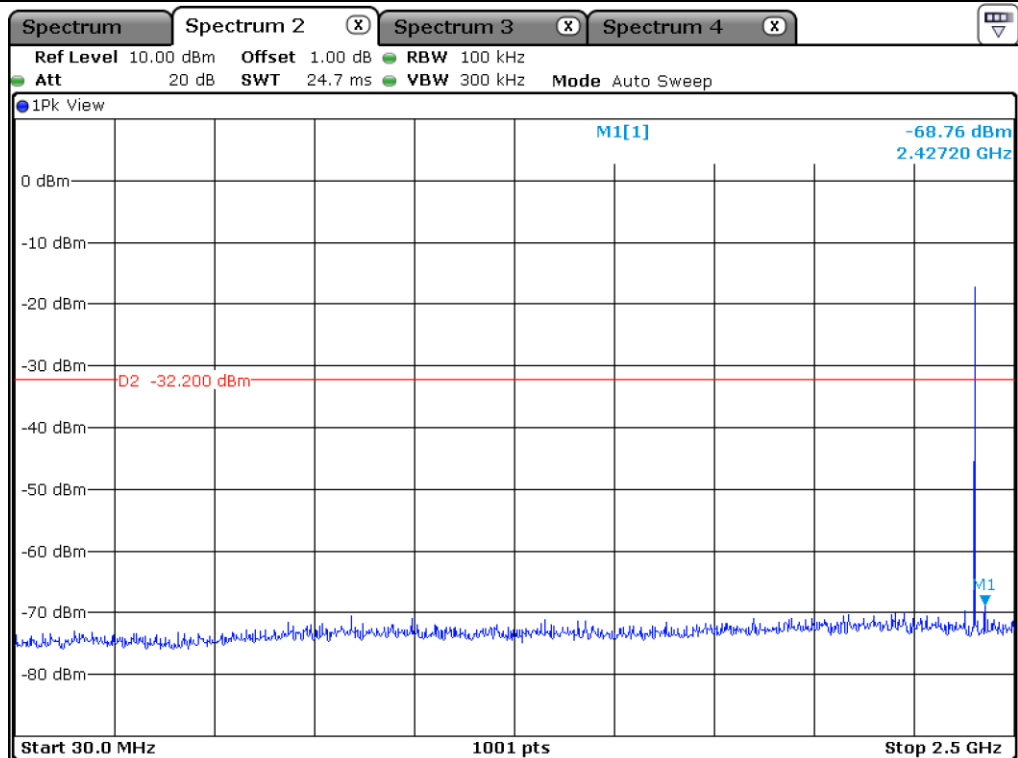




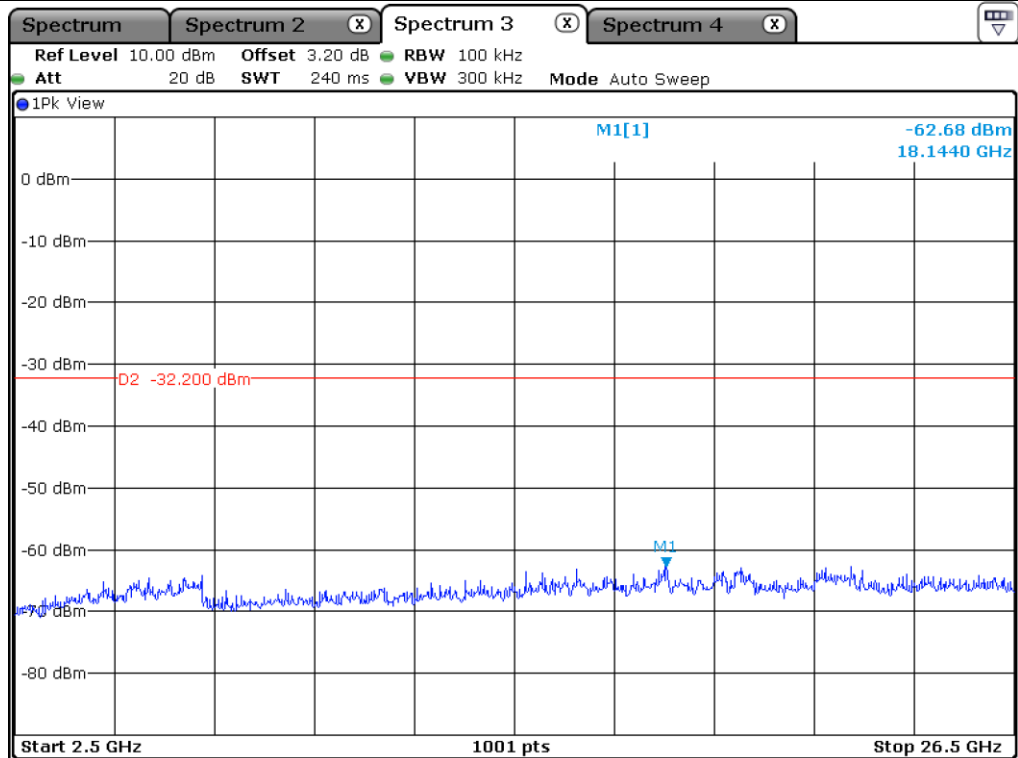
High Channel



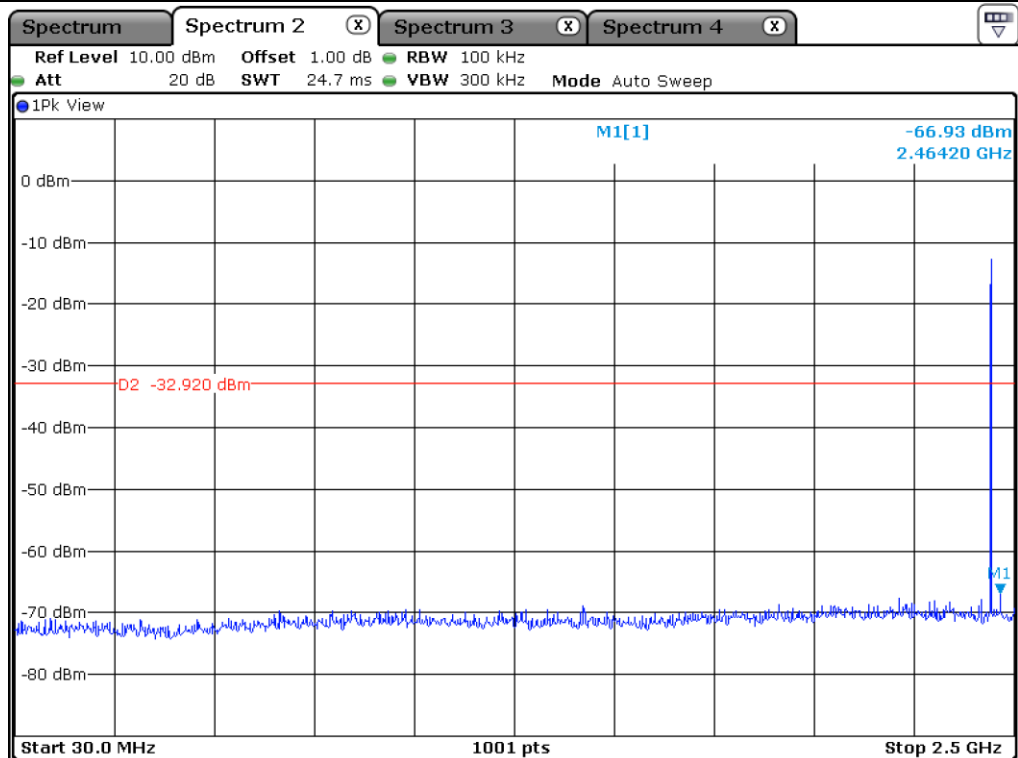
Hopping Mode



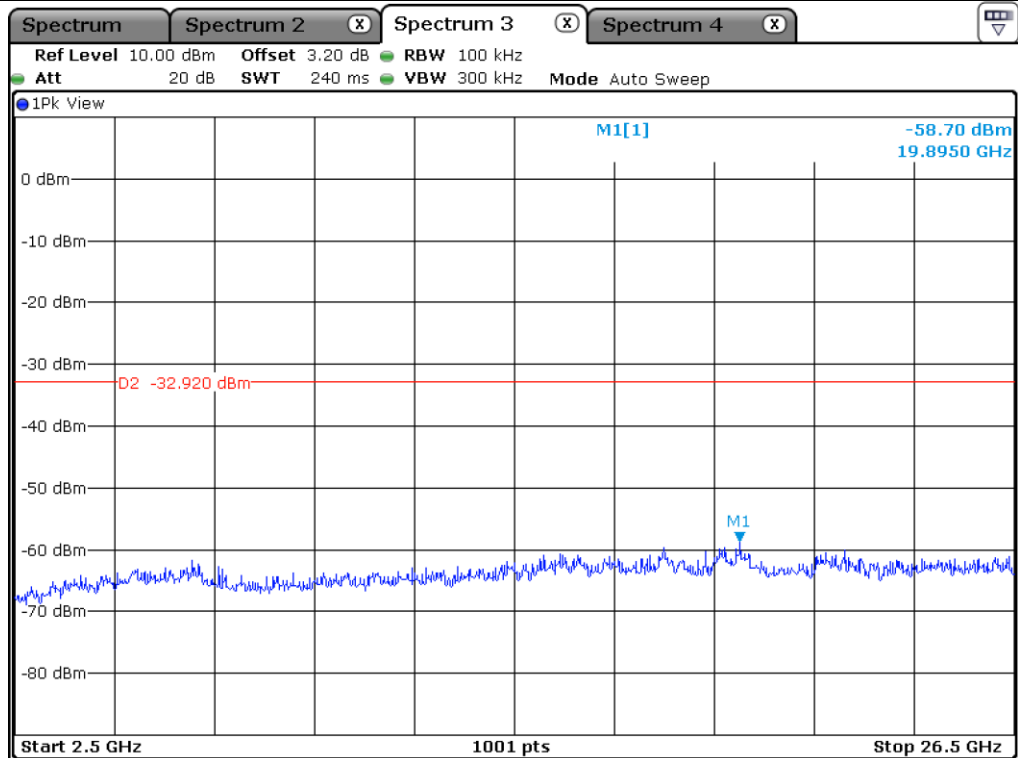
Low Channel



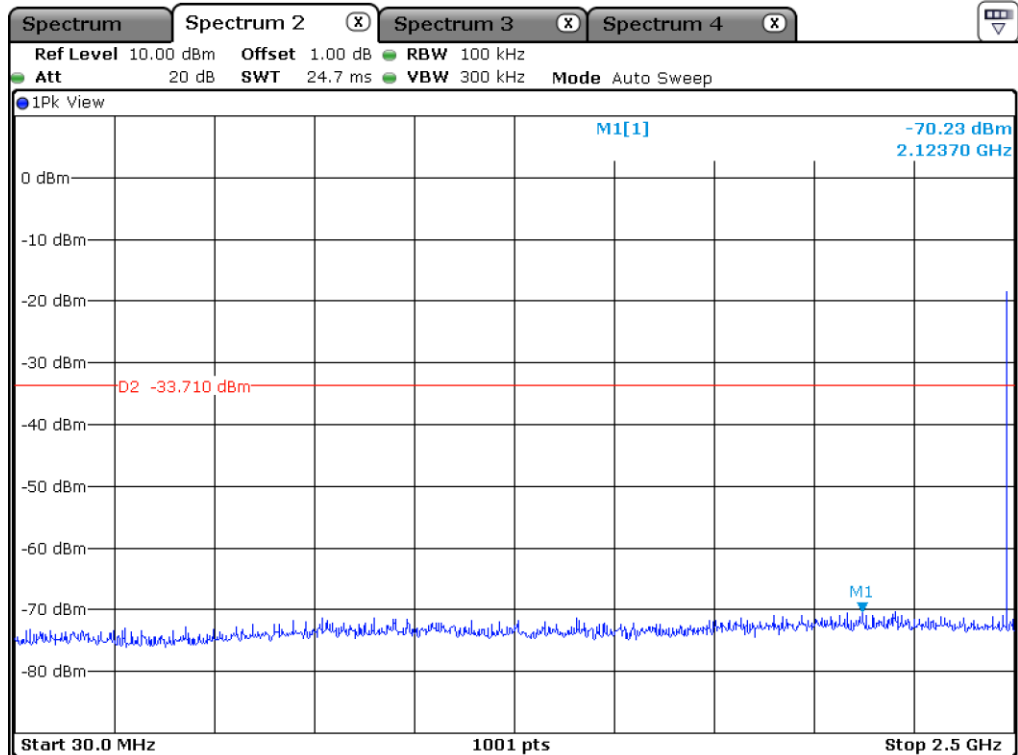
Low Channel



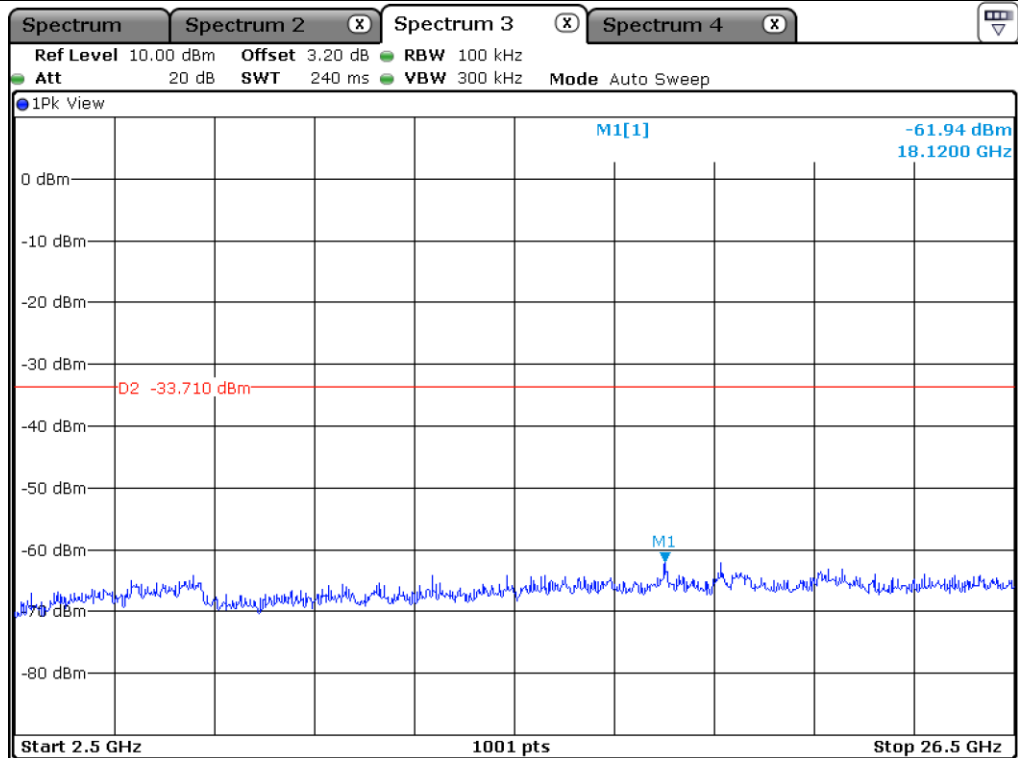
Middle Channel



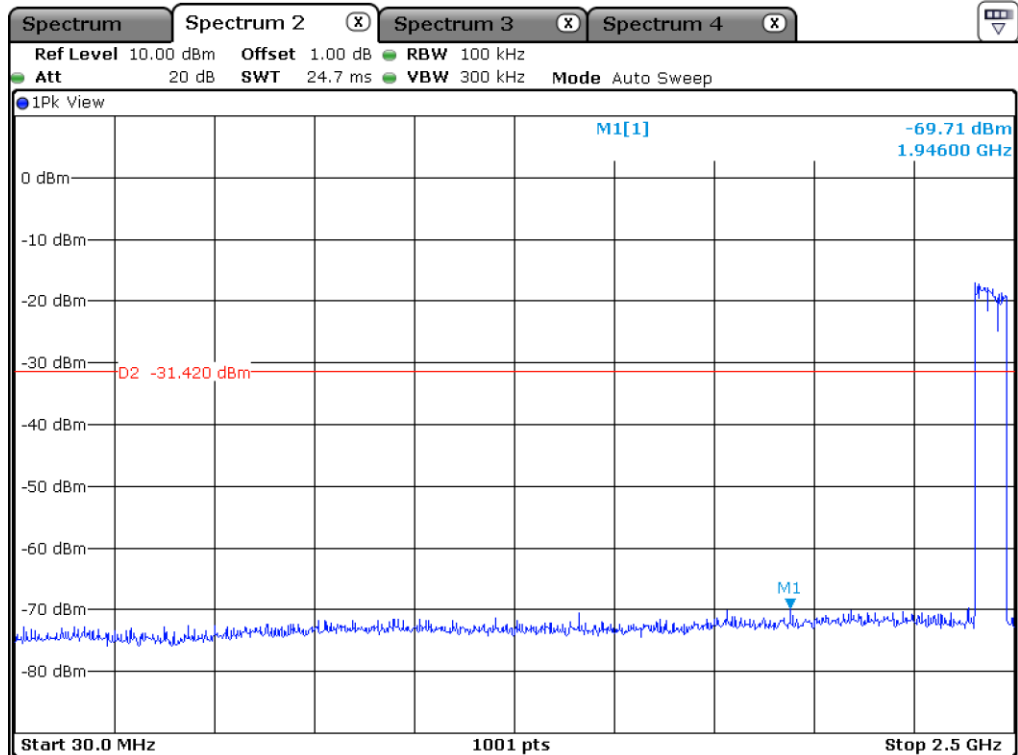
Middle Channel



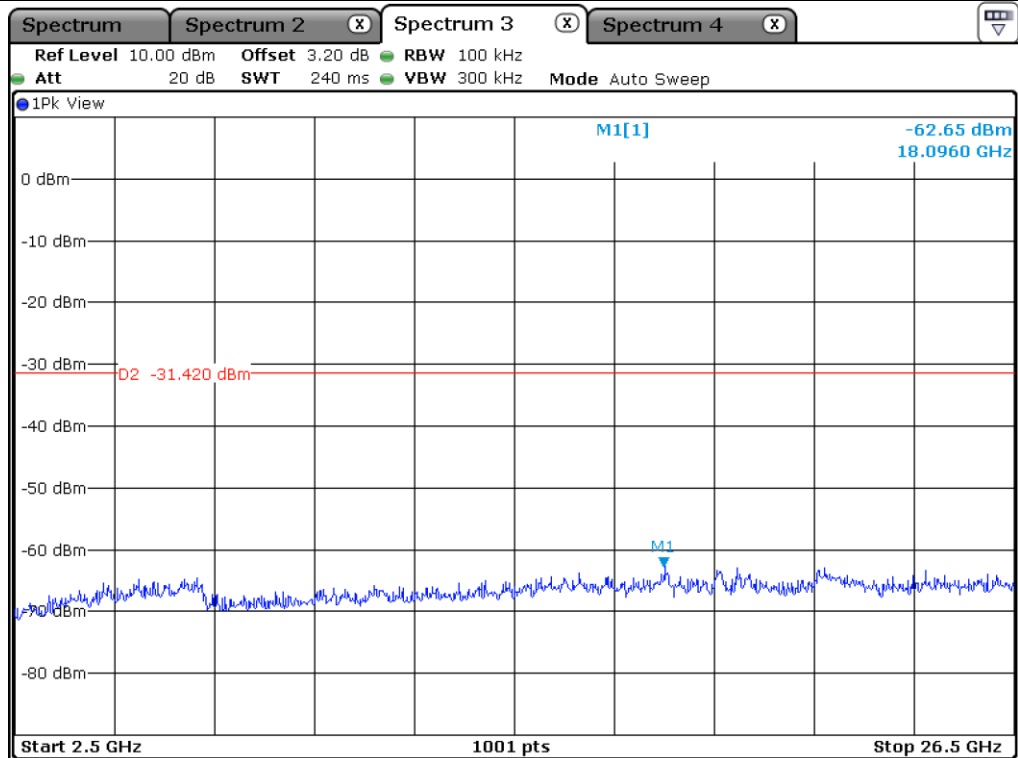
High Channel



High Channel

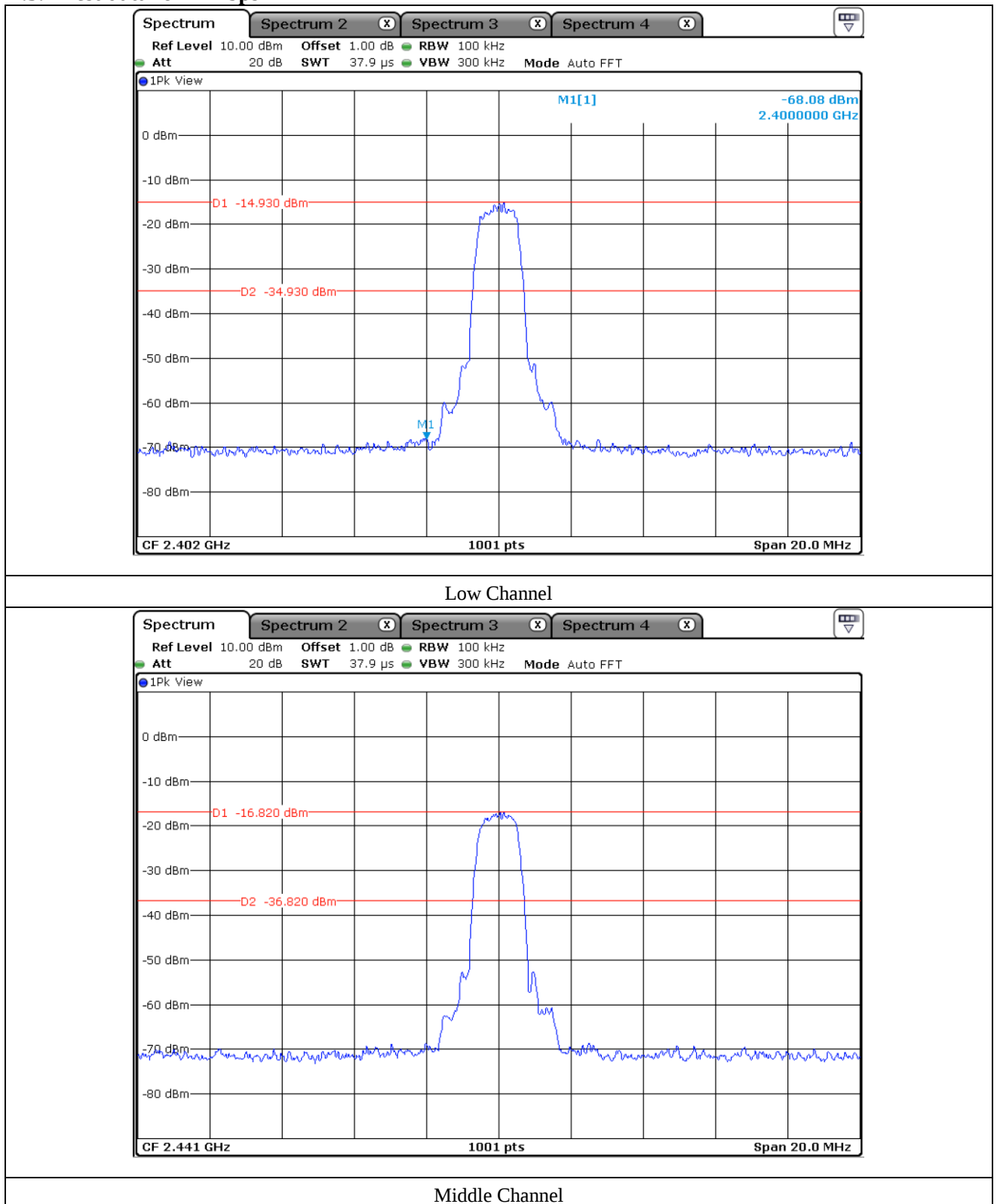


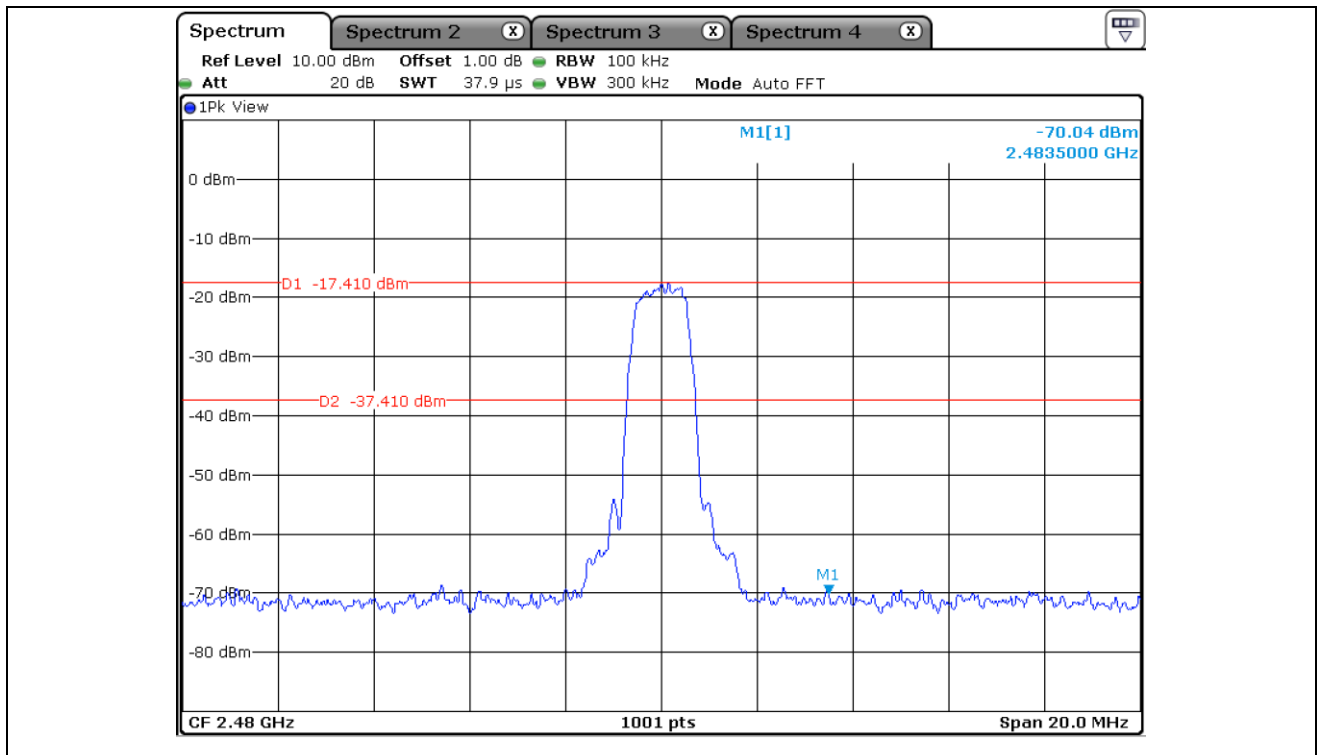
Hopping Mode



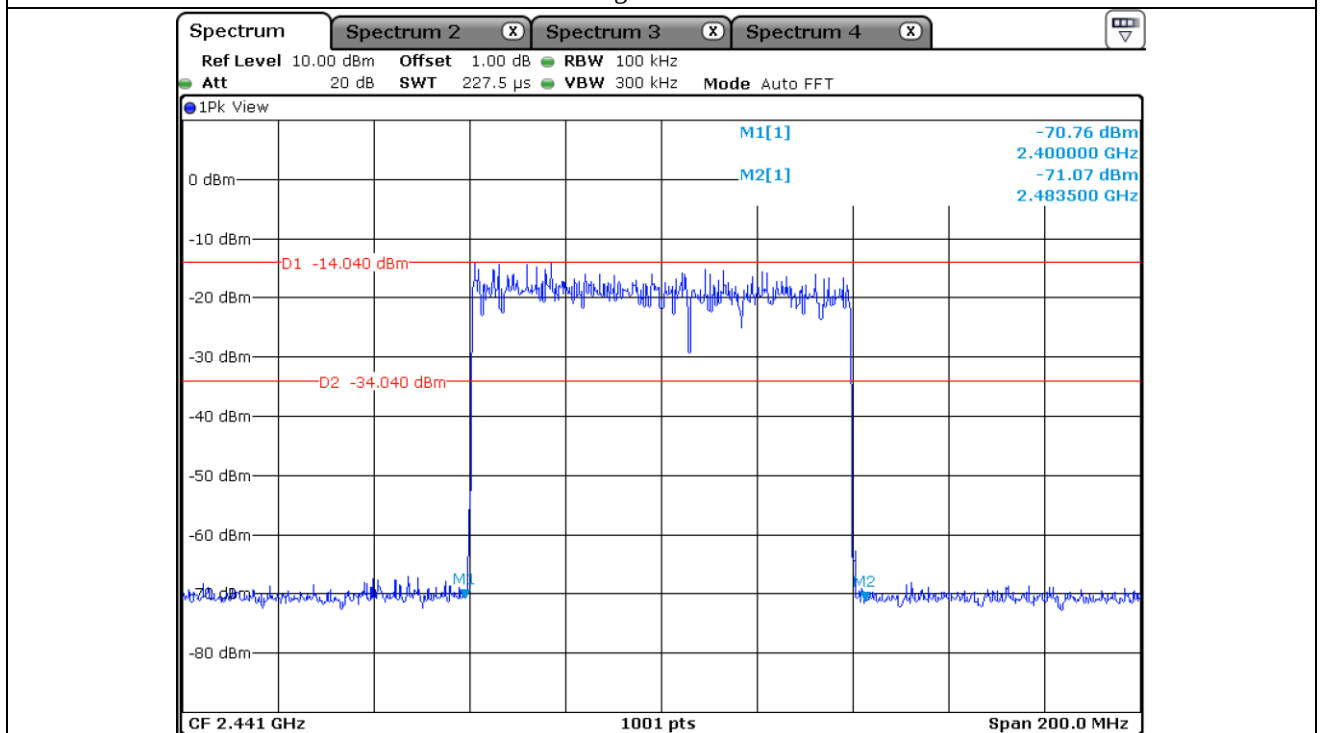
Hopping Mode

12.5.2 Test data for 2 Mbps

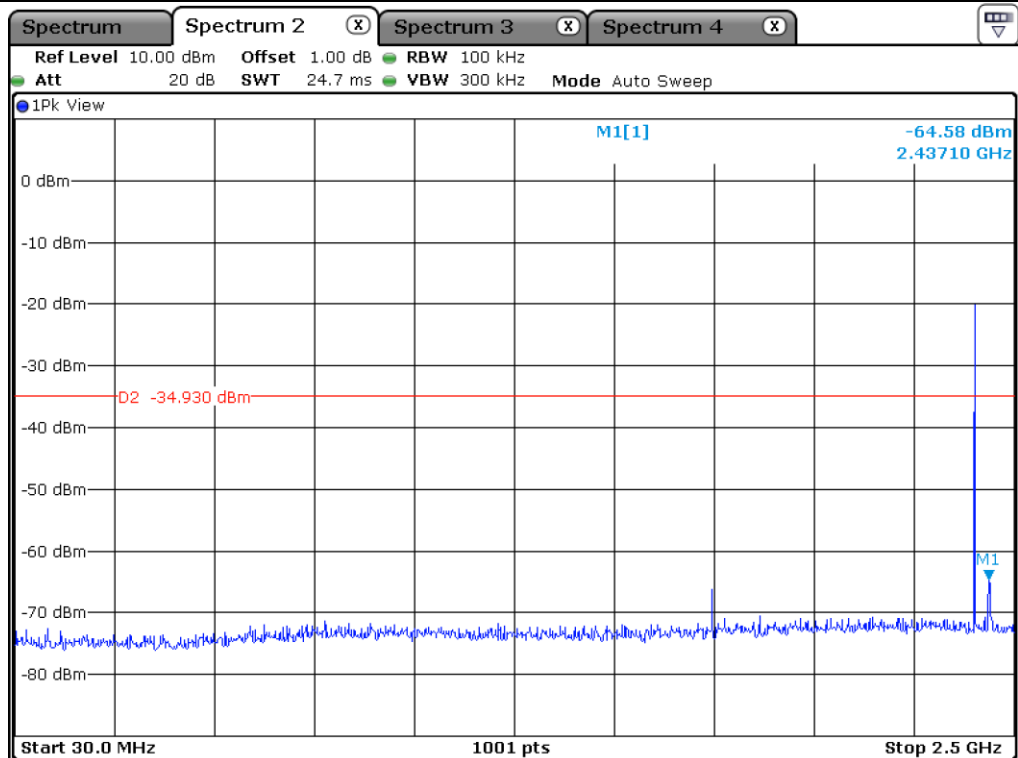




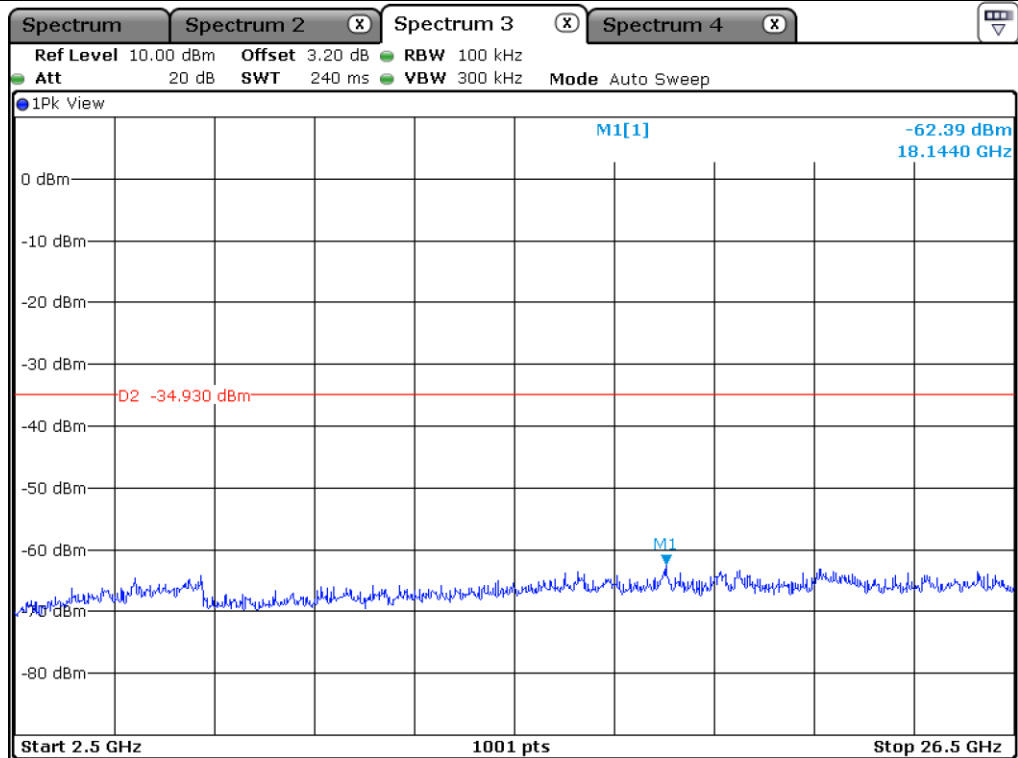
High Channel



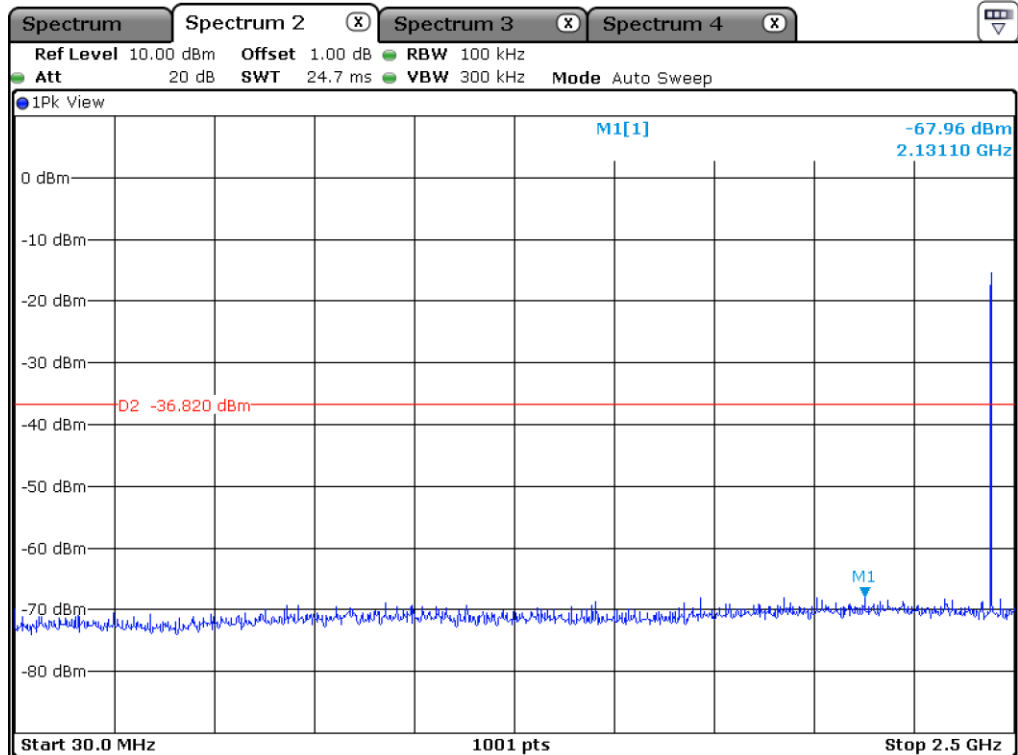
Hopping Mode



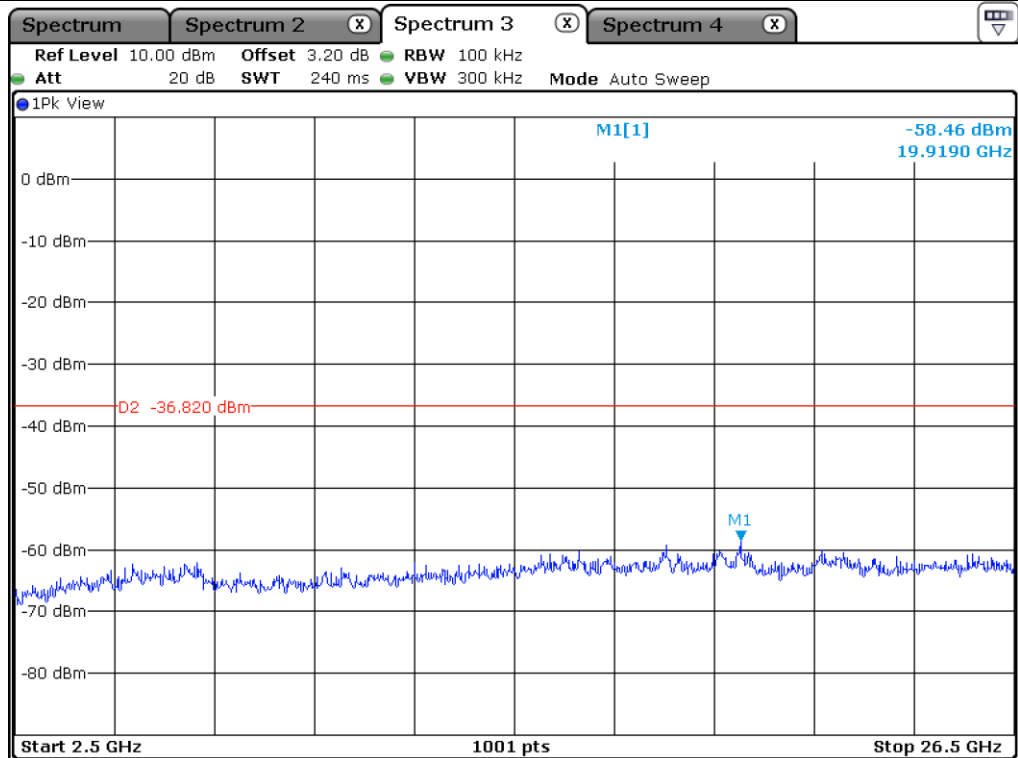
Low Channel



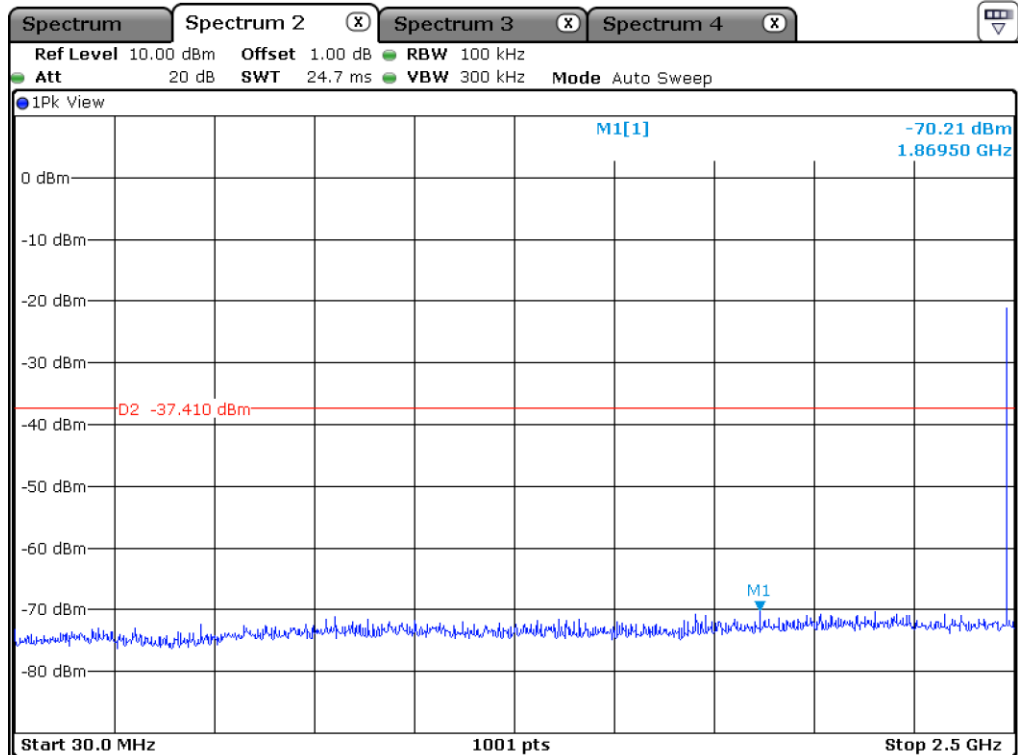
Low Channel



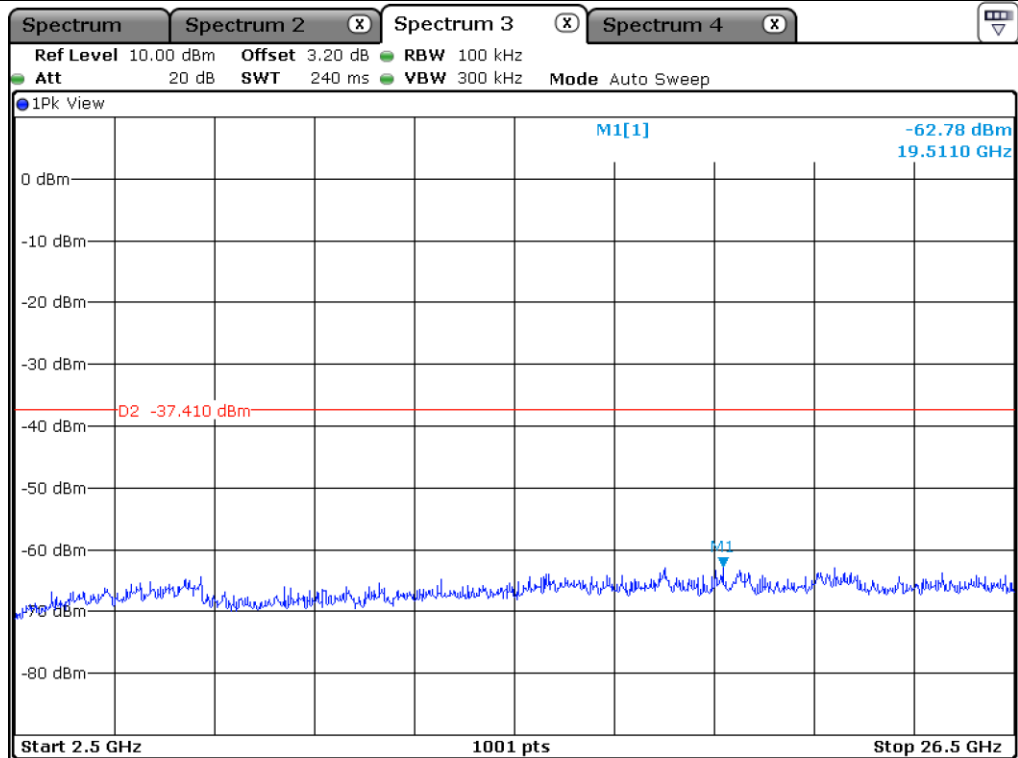
Middle Channel



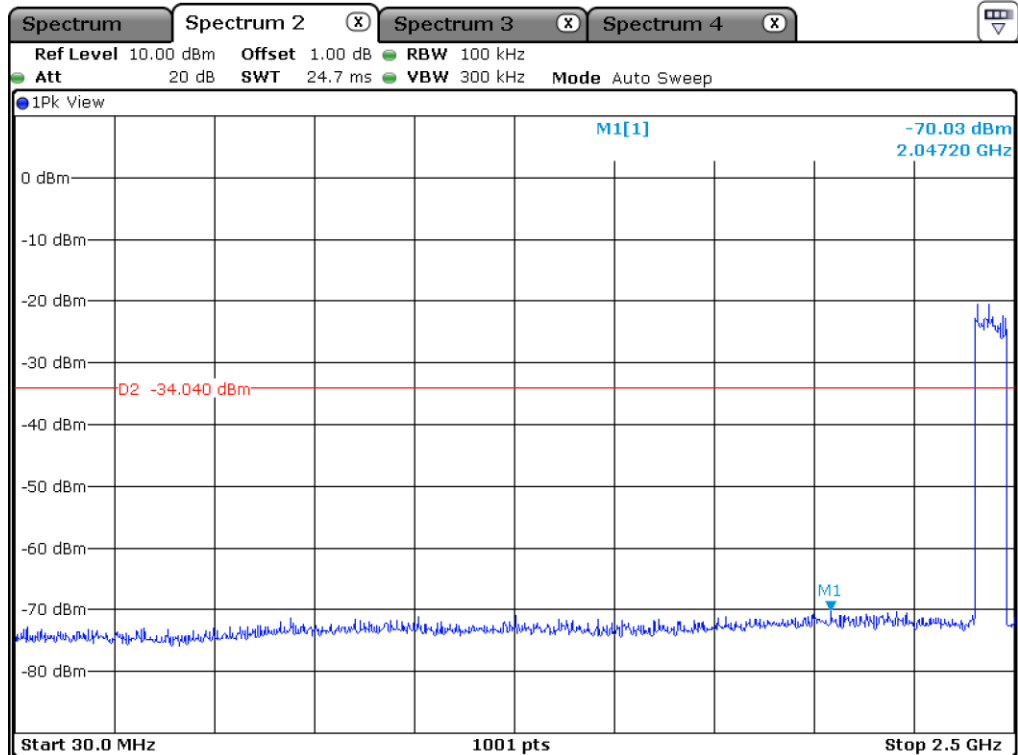
Middle Channel



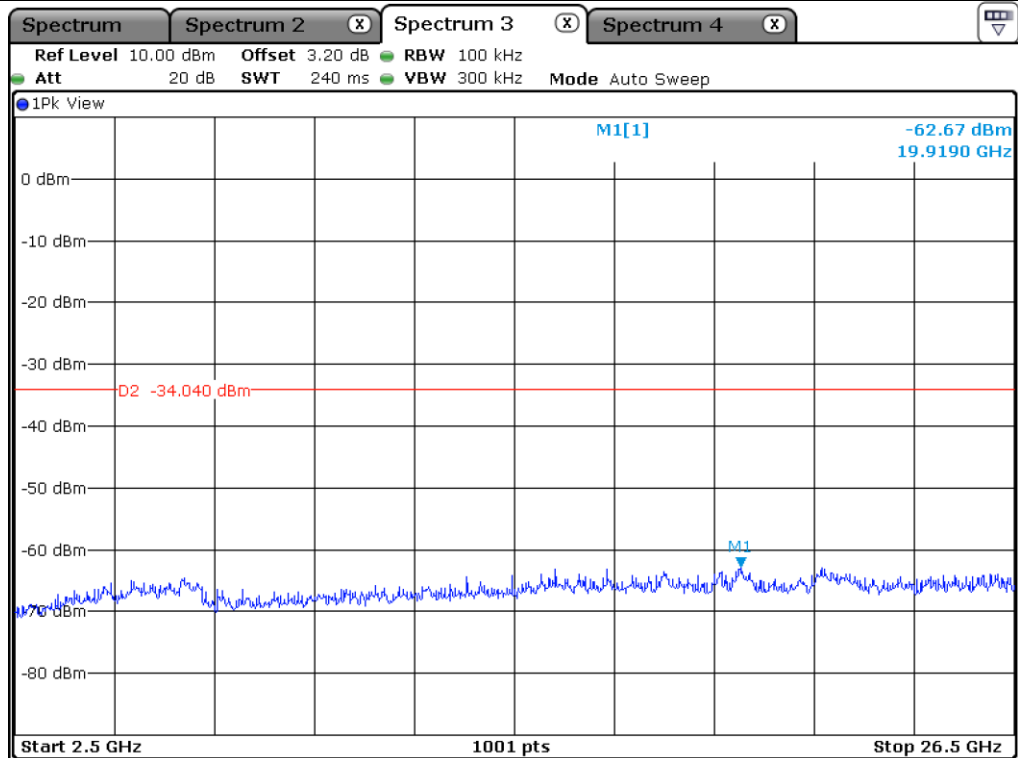
High Channel



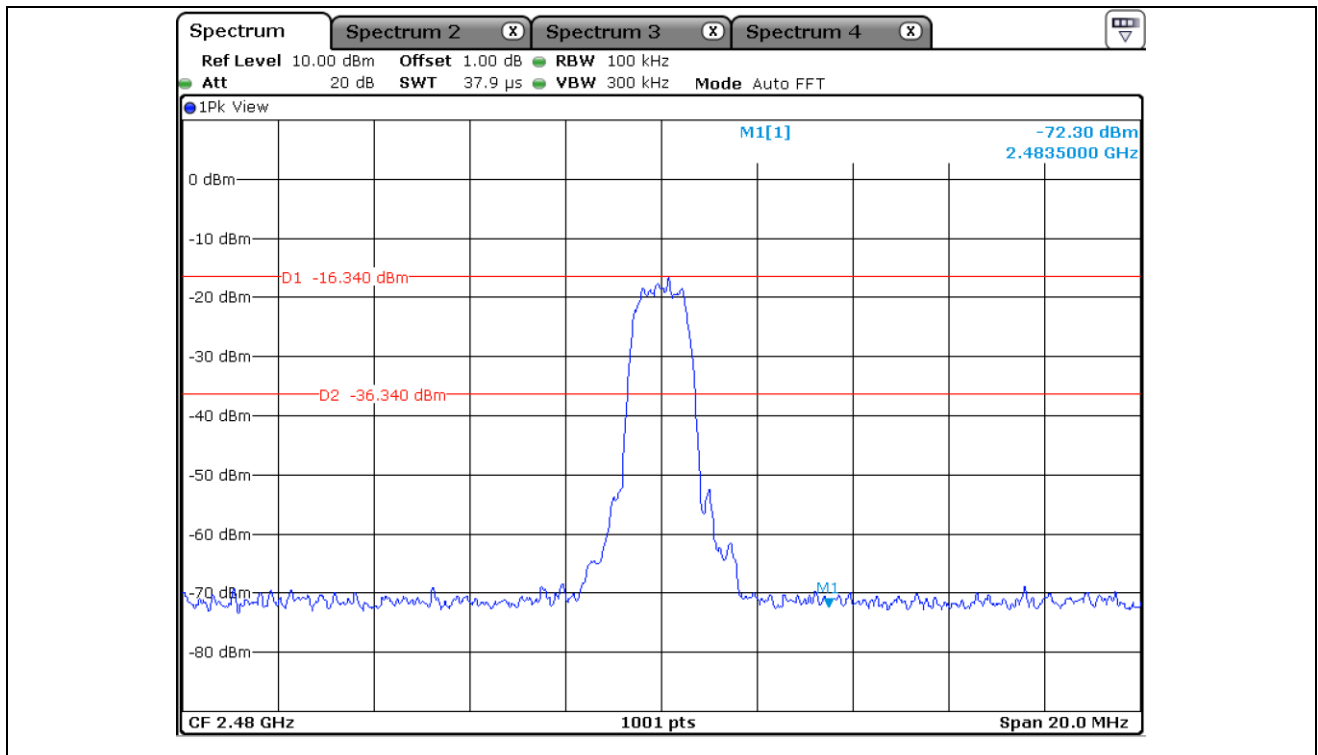
High Channel



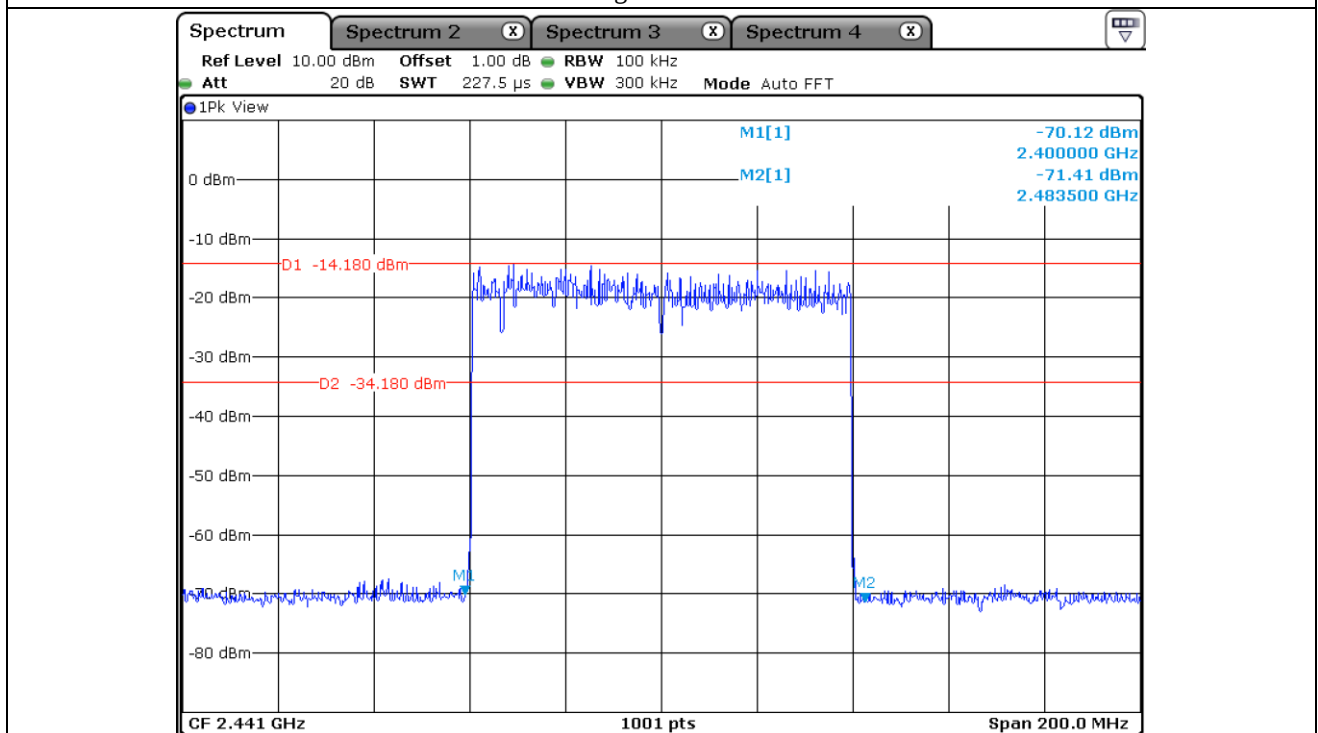
Hopping Mode



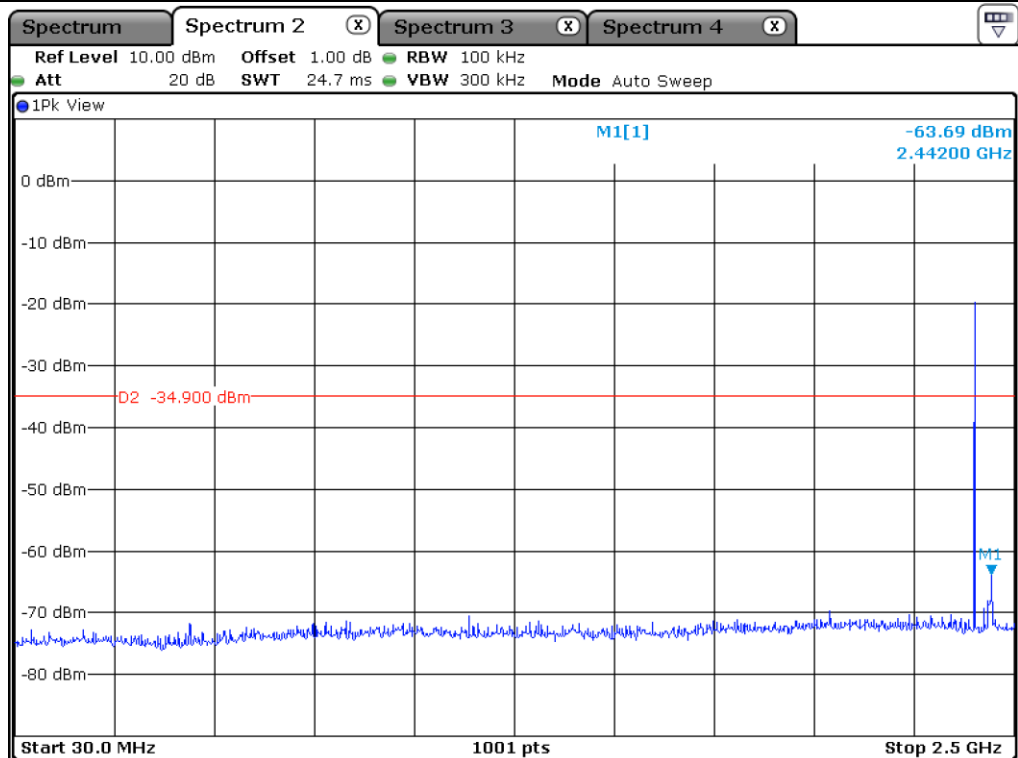
Hopping Mode



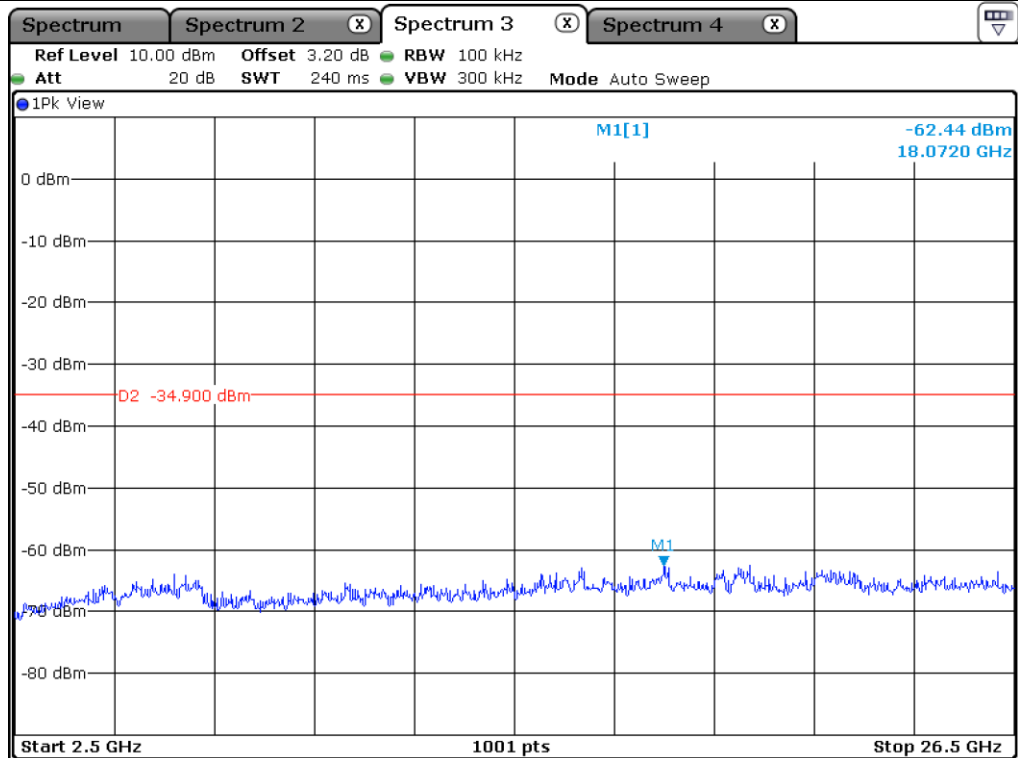
High Channel



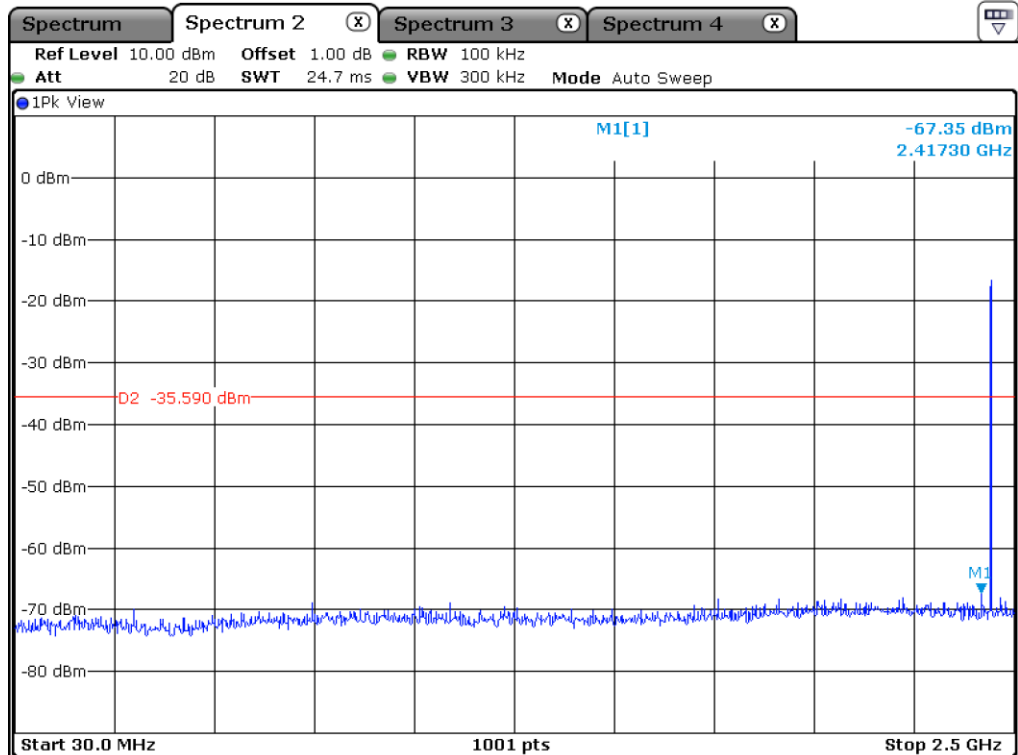
Hopping Mode



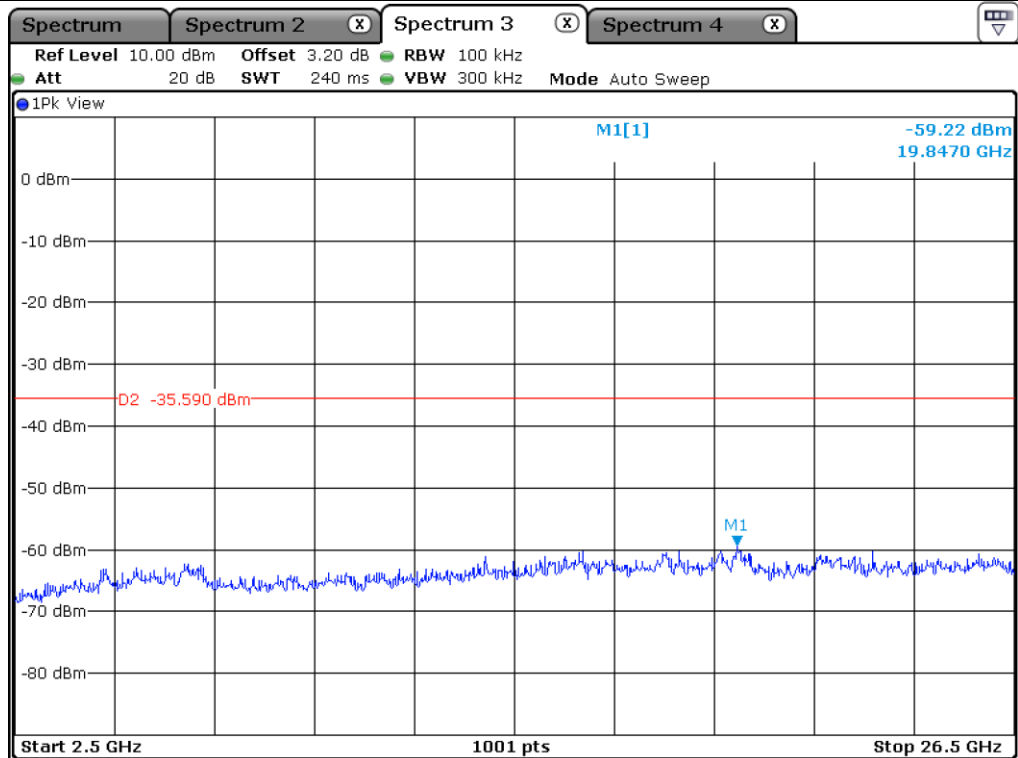
Low Channel



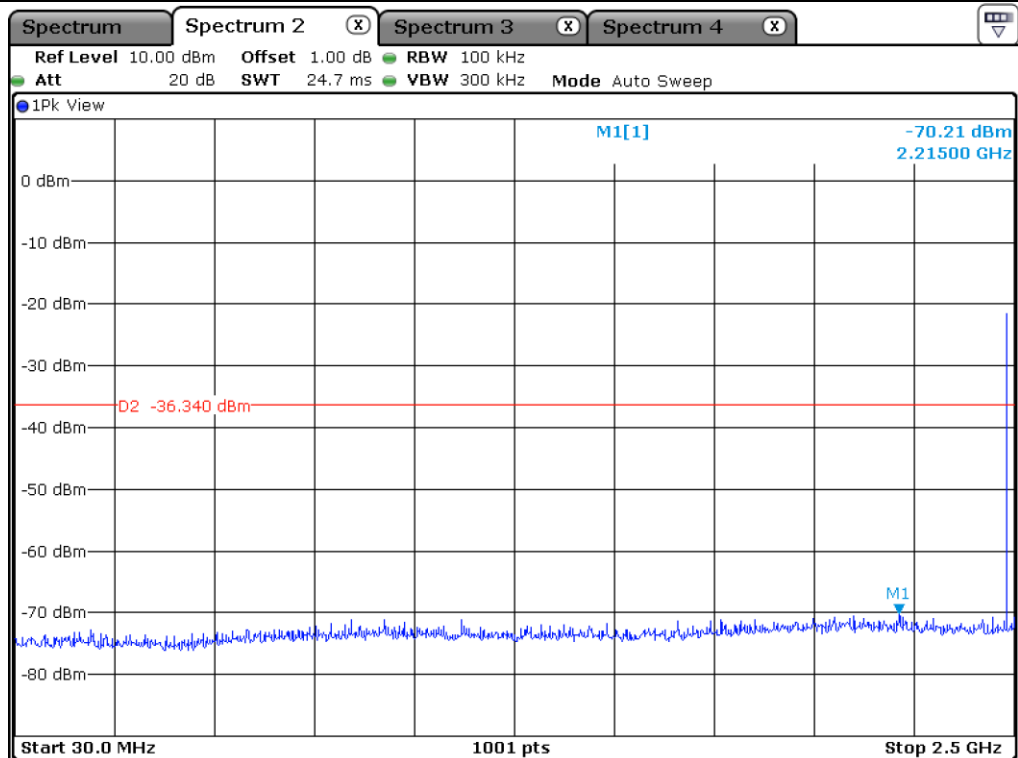
Low Channel



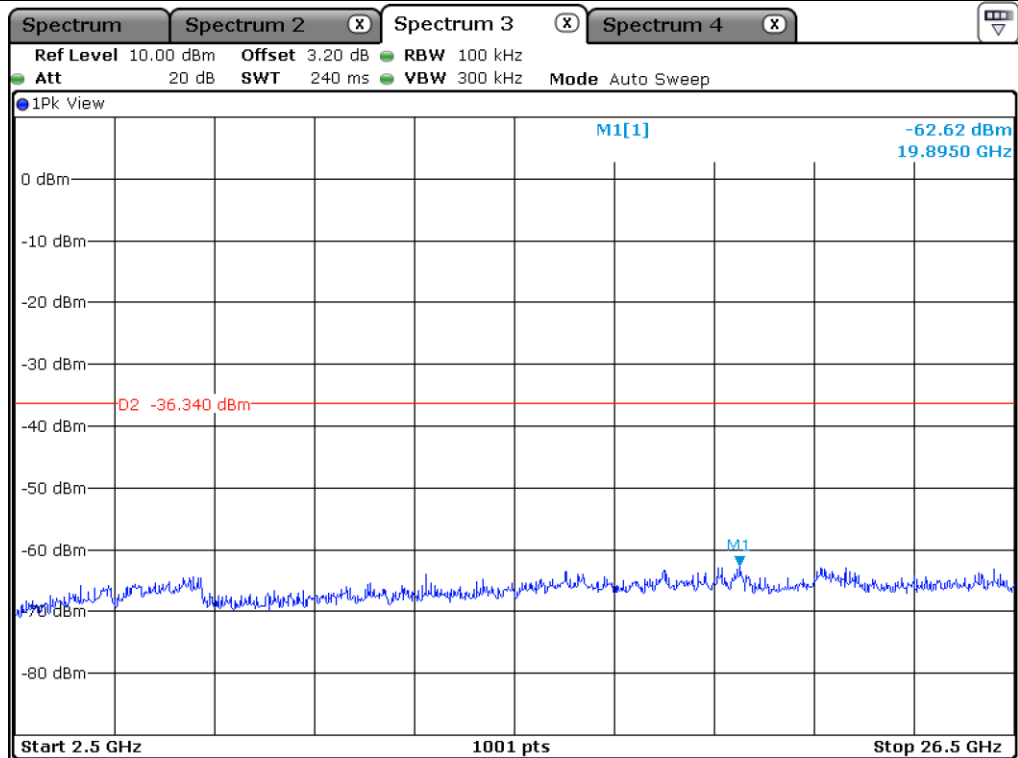
Middle Channel



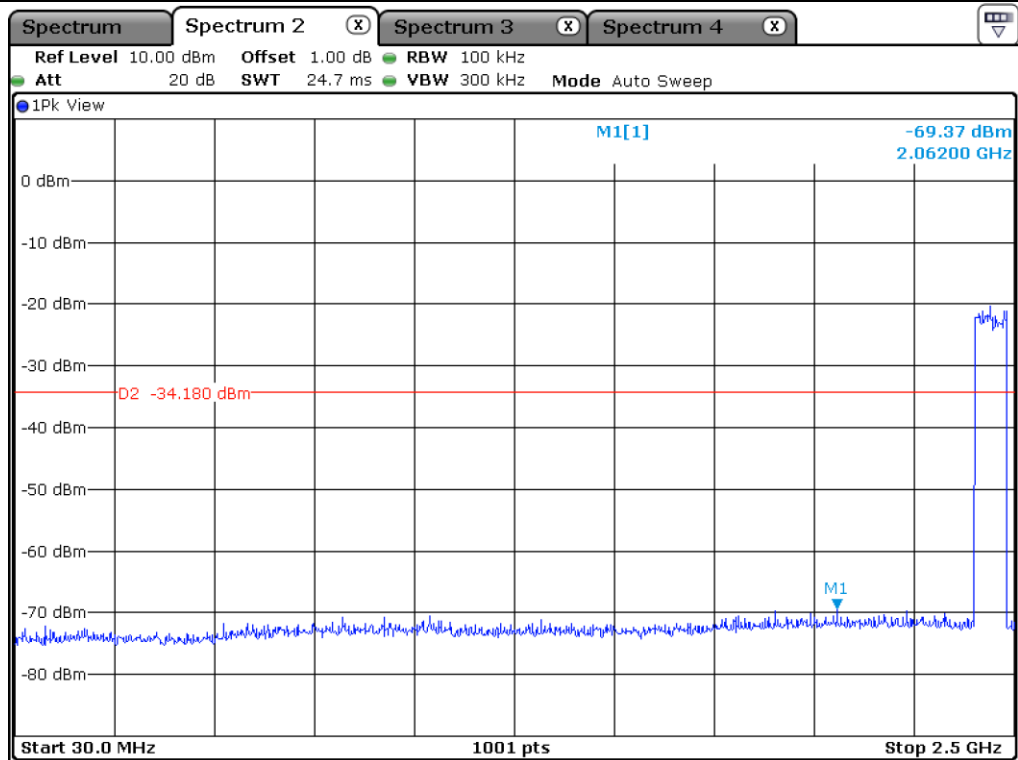
Middle Channel



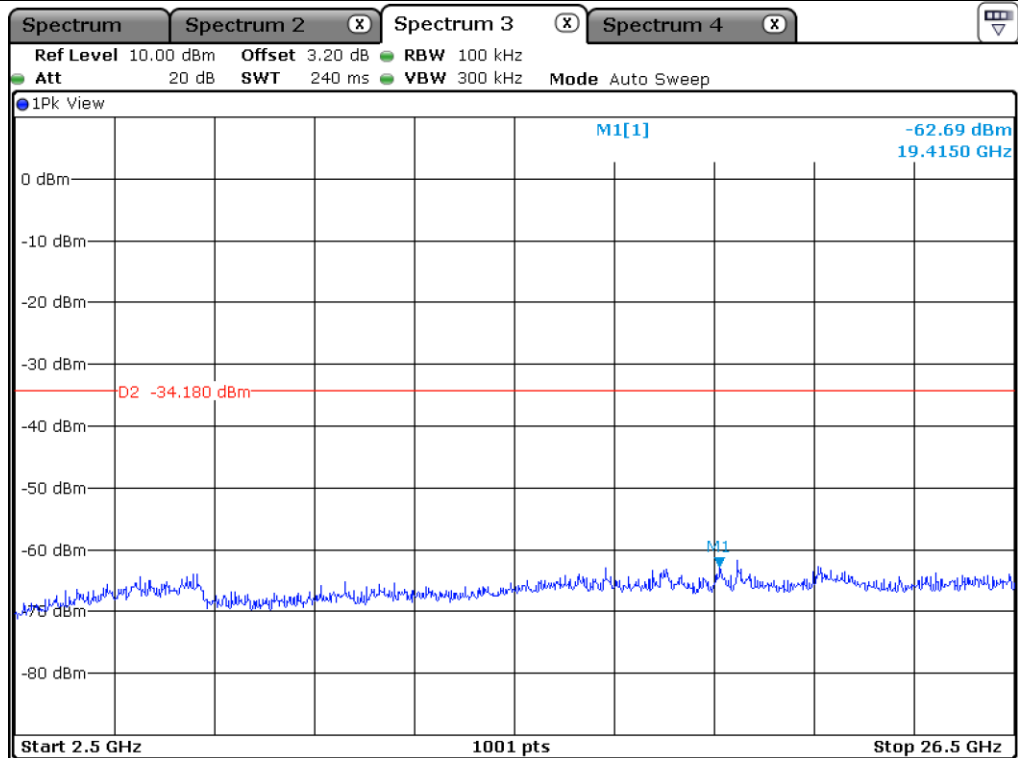
High Channel



High Channel



Hopping Mode



Hopping Mode

12.6 Test data for Transmitting mode radiated emission

12.6.1 Radiated Emission which fall in the Restricted Band

12.6.1.1 Test data for 1 Mbps

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode
1 MHz and RMS Detector for Average Mode
- Video bandwidth : 3 MHz for Peak and Average Mode
- Measurement distance : 3 m
- Duty Cycle : 76.77 %
- Result : PASSED

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	Duty Factor (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Test Data for Low Channel										
2 378.01	50.55	Peak	H	27.50	8.20	44.80	-	41.45	74.00	32.55
2 378.01	42.54	Average	H	27.50	8.20	44.80	1.15	34.59	54.00	19.41
2 378.46	50.44	Peak	V	27.50	8.20	44.80	-	41.34	74.00	32.66
2 378.01	42.38	Average	V	27.50	8.20	44.80	1.15	34.43	54.00	19.57
Test Data for High Channel										
2 494.06	50.51	Peak	H	27.30	8.33	44.80	-	41.34	74.00	32.66
2 483.50	40.16	Average	H	27.30	8.33	44.80	1.15	32.14	54.00	21.86
2 495.96	50.24	Peak	V	27.30	8.33	44.80	-	41.07	74.00	32.93
2 483.50	40.15	Average	V	27.30	8.33	44.80	1.15	32.13	54.00	21.87

Tabulated test data for Restricted Band

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{AMP Gain} + \text{Duty Factor}$$

12.6.1.2 Test data for 2 Mbps

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode
1 MHz and RMS Detector for Average Mode
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Measurement distance : 3 m
- . Duty Cycle : 76.77 %
- . Result : PASSED

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	Duty Factor (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Test Data for Low Channel										
2 328.02	50.45	Peak	H	27.50	8.20	44.80	-	41.35	74.00	32.65
2 377.83	41.56	Average	H	27.50	8.20	44.80	1.15	33.61	54.00	20.39
2 367.22	49.70	Peak	V	27.50	8.20	44.80	-	40.60	74.00	33.40
2 377.83	40.94	Average	V	27.50	8.20	44.80	1.15	32.99	54.00	21.01
Test Data for High Channel										
2 493.51	50.64	Peak	H	27.30	8.33	44.80	-	41.47	74.00	32.53
2 483.50	40.78	Average	H	27.30	8.33	44.80	1.15	32.76	54.00	21.24
2 487.93	49.64	Peak	V	27.30	8.33	44.80	-	40.47	74.00	33.53
2 483.50	39.93	Average	V	27.30	8.33	44.80	1.15	31.91	54.00	22.09

Tabulated test data for Restricted Band

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Total Level (dBμV/m)

Total Level = Reading + Antenna Factor + Cable Loss – AMP Gain + Duty Factor

12.6.1.3 Test data for 3 Mbps

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode
1 MHz and RMS Detector for Average Mode
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Measurement distance : 3 m
- . Duty Cycle : 76.77 %
- . Result : PASSED

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	Duty Factor (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Test Data for Low Channel										
2 365.60	50.95	Peak	H	27.50	8.20	44.80	-	41.85	74.00	32.15
2 377.74	41.74	Average	H	27.50	8.20	44.80	1.15	33.79	54.00	20.21
2 376.93	50.59	Peak	V	27.50	8.20	44.80	-	41.49	74.00	32.51
2 377.83	41.09	Average	V	27.50	8.20	44.80	1.15	33.14	54.00	20.86
Test Data for High Channel										
2 494.72	49.73	Peak	H	27.30	8.33	44.80	-	40.56	74.00	33.44
2 483.50	40.37	Average	H	27.30	8.33	44.80	1.15	32.35	54.00	21.65
2 493.11	49.41	Peak	V	27.30	8.33	44.80	-	40.24	74.00	33.76
2 484.05	40.02	Average	V	27.30	8.33	44.80	1.15	32.00	54.00	22.00

Tabulated test data for Restricted Band

Remark: "H": Horizontal, "V": Vertical

Margin (dB) = Limits (dBμV/m) - Total Level (dBμV/m)

Total Level = Reading + Antenna Factor + Cable Loss – AMP Gain + Duty Factor

12.6.2 Spurious & Harmonic Radiated Emission above 1 GHz

12.6.2.1 Test data for 1 Mbps

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 26.5 GHz
- Measurement distance : 3 m
- Duty Cycle : 76.77 %
- Result : PASSED

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	Duty Factor (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Test Data for Low Channel										
4 804.00	49.26	Peak	H	31.10	11.19	44.10	-	47.45	74.00	26.55
4 804.00	39.24	Average	H	31.10	11.19	44.10	1.15	38.58	54.00	15.42
4 804.00	49.15	Peak	V	31.10	11.19	44.10	-	47.34	74.00	26.66
4 804.00	39.06	Average	V	31.10	11.19	44.10	1.15	38.40	54.00	15.60
Test Data for Middle Channel										
4 882.00	49.31	Peak	H	31.10	11.24	44.10	-	47.55	74.00	26.45
4 882.00	39.35	Average	H	31.10	11.24	44.10	1.15	38.74	54.00	15.26
4 882.00	49.14	Peak	V	31.10	11.24	44.10	-	47.38	74.00	26.62
4 882.00	39.21	Average	V	31.10	11.24	44.10	1.15	38.60	54.00	15.40
Test Data for High Channel										
4 960.00	49.27	Peak	H	31.20	11.33	44.10	-	47.70	74.00	26.30
4 960.00	39.30	Average	H	31.20	11.33	44.10	1.15	38.88	54.00	15.12
4 960.00	49.04	Peak	V	31.20	11.33	44.10	-	47.47	74.00	26.53
4 960.00	39.06	Average	V	31.20	11.33	44.10	1.15	38.64	54.00	15.36

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{AMP Gain} + \text{Duty Factor}$$

12.6.2.2 Test data for 2 Mbps

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 26.5 GHz
- Measurement distance : 3 m
- Duty Cycle : 76.77 %
- Result : PASSED

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	Duty Factor (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Test Data for Low Channel										
4 804.00	49.29	Peak	H	31.10	11.19	44.10	-	47.48	74.00	26.52
4 804.00	39.11	Average	H	31.10	11.19	44.10	1.15	38.45	54.00	15.55
4 804.00	49.16	Peak	V	31.10	11.19	44.10	-	47.35	74.00	26.65
4 804.00	39.05	Average	V	31.10	11.19	44.10	1.15	38.39	54.00	15.61
Test Data for Middle Channel										
4 882.00	49.28	Peak	H	31.10	11.24	44.10	-	47.52	74.00	26.48
4 882.00	39.12	Average	H	31.10	11.24	44.10	1.15	38.51	54.00	15.49
4 882.00	49.14	Peak	V	31.10	11.24	44.10	-	47.38	74.00	26.62
4 882.00	39.05	Average	V	31.10	11.24	44.10	1.15	38.44	54.00	15.56
Test Data for High Channel										
4 960.00	49.38	Peak	H	31.20	11.33	44.10	-	47.81	74.00	26.19
4 960.00	39.21	Average	H	31.20	11.33	44.10	1.15	38.79	54.00	15.21
4 960.00	49.12	Peak	V	31.20	11.33	44.10	-	47.55	74.00	26.45
4 960.00	39.01	Average	V	31.20	11.33	44.10	1.15	38.59	54.00	15.41

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{AMP Gain} + \text{Duty Factor}$$

12.6.2.3 Test data for 3 Mbps

- Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode for the emissions fall in restricted band,
1 MHz and RMS Detector for Average Mode for the emissions fall in restricted band
100 kHz for Peak Mode for the emissions outside restricted band
- Video bandwidth : 3 MHz for Peak and Average Mode
- Frequency range : 1 GHz ~ 26.5 GHz
- Measurement distance : 3 m
- Duty Cycle : 76.60 %
- Result : PASSED

Frequency (MHz)	Reading (dBμV)	Detector Mode	Ant. Pol. (H/V)	Ant. Factor	Cable Loss	AMP Gain	Duty Factor (dB)	Total (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Test Data for Low Channel										
4 804.00	49.28	Peak	H	31.10	11.19	44.10	-	47.47	74.00	26.53
4 804.00	39.20	Average	H	31.10	11.19	44.10	1.15	38.54	54.00	15.46
4 804.00	49.24	Peak	V	31.10	11.19	44.10	-	47.43	74.00	26.57
4 804.00	39.11	Average	V	31.10	11.19	44.10	1.15	38.45	54.00	15.55
Test Data for Middle Channel										
4 882.00	49.37	Peak	H	31.10	11.24	44.10	-	47.61	74.00	26.39
4 882.00	39.26	Average	H	31.10	11.24	44.10	1.15	38.65	54.00	15.35
4 882.00	49.23	Peak	V	31.10	11.24	44.10	-	47.47	74.00	26.53
4 882.00	39.16	Average	V	31.10	11.24	44.10	1.15	38.55	54.00	15.45
Test Data for High Channel										
4 960.00	49.21	Peak	H	31.20	11.33	44.10	-	47.64	74.00	26.36
4 960.00	39.14	Average	H	31.20	11.33	44.10	1.15	38.72	54.00	15.28
4 960.00	49.12	Peak	V	31.20	11.33	44.10	-	47.55	74.00	26.45
4 960.00	39.07	Average	V	31.20	11.33	44.10	1.15	38.65	54.00	15.35

Remark: "H": Horizontal, "V": Vertical

$$\text{Margin (dB)} = \text{Limits (dB}\mu\text{V/m)} - \text{Total Level (dB}\mu\text{V/m)}$$

$$\text{Total Level} = \text{Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{AMP Gain} + \text{Duty Factor}$$

13. RADIATED EMISSION TEST

13.1 Operating environment

Temperature : 23 °C
Relative humidity : 45 % R.H.

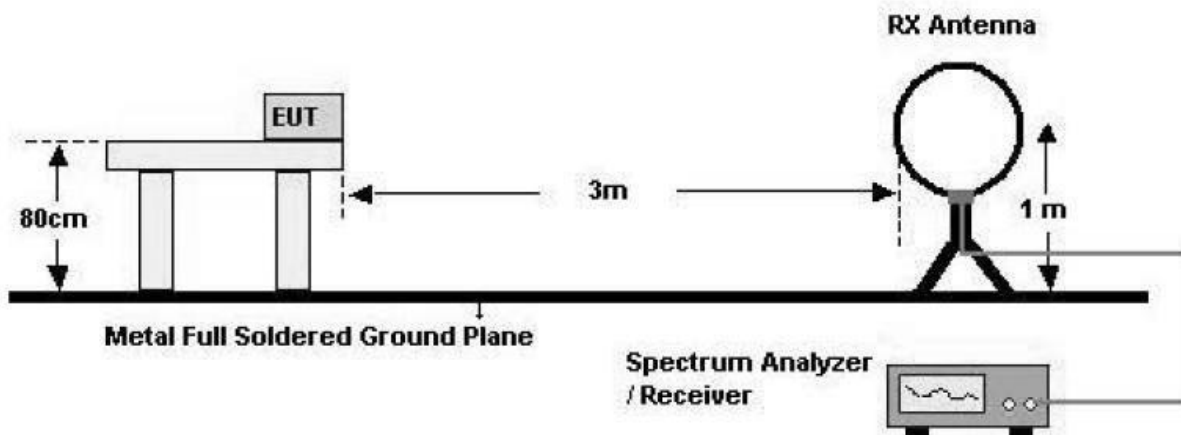
13.2 Test set-up

The radiated emissions measurements were on the 3 m semi anechoic chamber. The EUT and other support equipment were placed on a non-conductive turntable above the ground plane. The interconnecting cables from outside test site were inserted into ferrite clamps at the point where the cables reach the turntable.

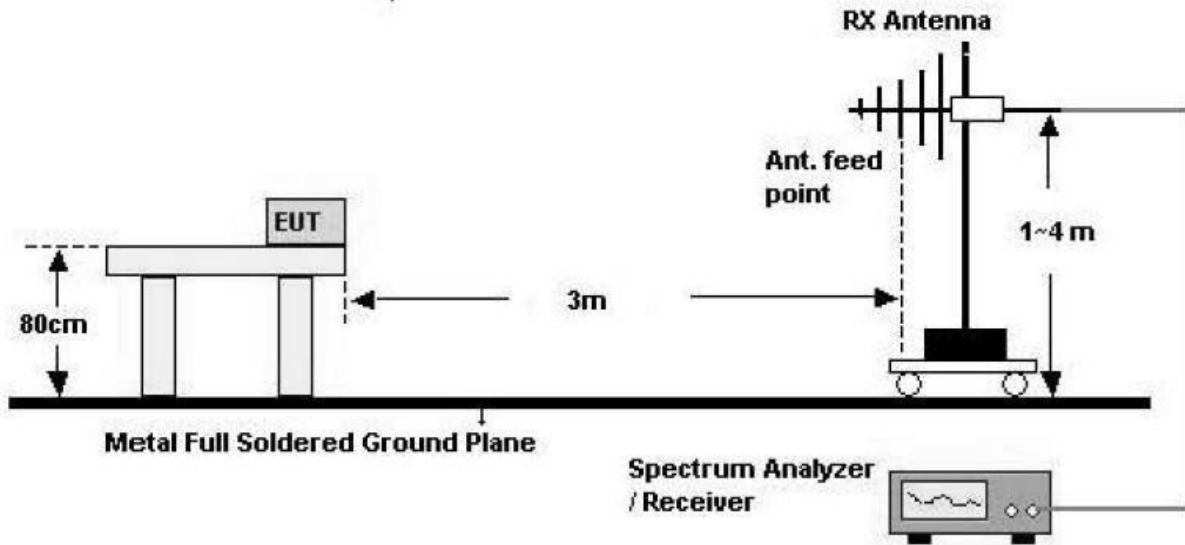
The frequency spectrum from 30 MHz to 26.5 GHz was scanned and emission levels maximized at each frequency recorded. The system was rotated 360°, and the antenna was varied in height between 1.0 m and 4.0 m in order to determine the maximum emission levels. This procedure was performed for both horizontal and vertical polarization of the receiving antenna.

- Test Configuration

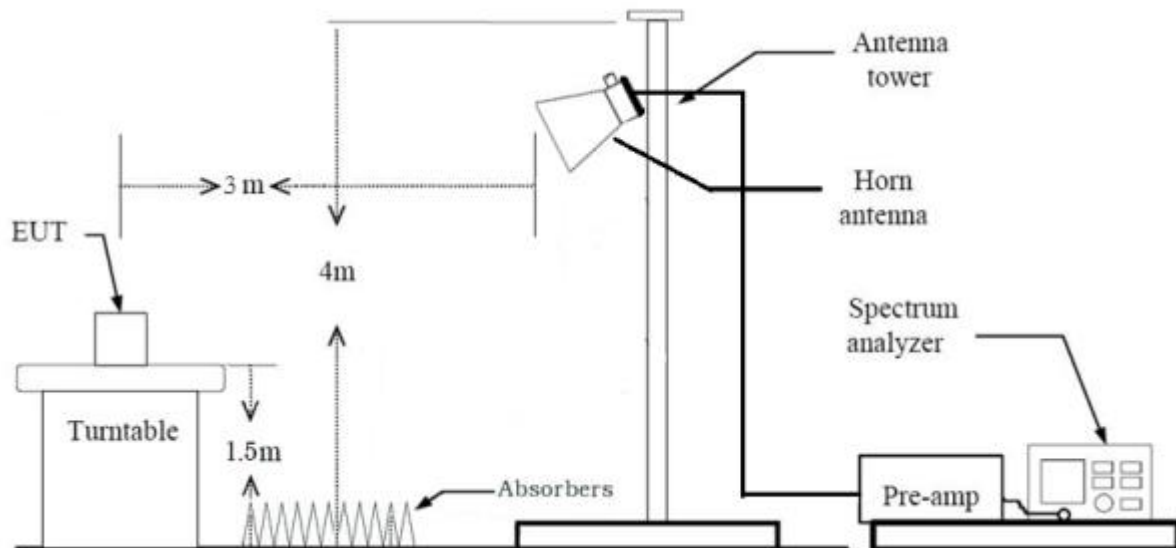
1. Below 30 MHz



2. 30 MHz - 1 GHz



3. Above 1 GHz

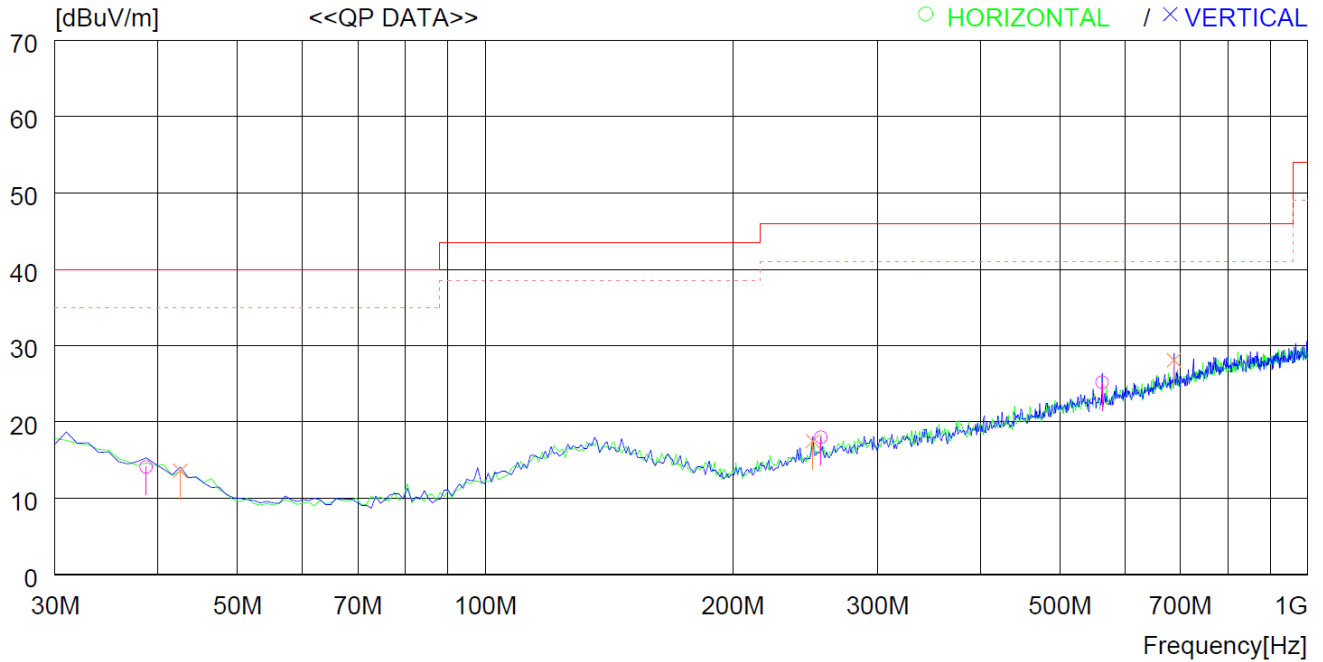


13.3 Test Date

October 13, 2021 ~ October 14, 2021

13.4 Test data for 30 MHz ~ 1 000 MHz

- Resolution bandwidth : 120 kHz
- Frequency range : 30 MHz ~ 1 000 MHz
- Measurement distance : 3 m



No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
----- Horizontal -----										
1	38.730	27.0	17.8	1.3	32.0	14.1	40.0	25.9	200	216
2	256.010	29.2	18.0	2.8	32.0	18.0	46.0	28.0	300	146
3	562.529	29.7	23.8	4.1	32.4	25.2	46.0	20.8	400	0
----- Vertical -----										
4	42.610	28.1	16.2	1.3	32.0	13.6	40.0	26.4	100	0
5	250.190	28.9	17.8	2.8	32.0	17.5	46.0	28.5	300	2
6	687.655	30.4	25.4	4.6	32.3	28.1	46.0	17.9	200	359

13.5 Test data for Below 30 MHz

- . Resolution bandwidth : 200 Hz (from 9 kHz to 0.15 MHz), 9 kHz (from 0.15 MHz to 30 MHz)
- . Frequency range : 9 kHz ~ 30 MHz
- . Measurement distance : 3 m

Frequency (MHz)	Reading (dBμV)	Ant. Pol. (H/V)	Ant. Factor (dB/m)	Cable Loss	Amp Gain	Emission Level(dBμV/m)	Limits (dBμV/m)	Margin (dB)
Emission from the EUT more than 20 dB below the limit in each frequency range.								

13.6 Test data for above 1 GHz

- . Resolution bandwidth : 1 MHz and Peak Detector for Peak Mode
1 MHz and RMS Detector for Average Mode
- . Video bandwidth : 3 MHz for Peak and Average Mode
- . Frequency range : 1 GHz ~ 26.5 GHz
- . Measurement distance : 3 m

Frequency (MHz)	Reading (dBμV)	Ant. Pol. (H/V)	Ant. Factor (dB/m)	Cable Loss	Amp Gain	Emission Level(dBμV/m)	Limits (dBμV/m)	Margin (dB)
Emission from the EUT more than 20 dB below the limit in each frequency range.								

14. CONDUCTED EMISSION TEST

14.1 Operating environment

Temperature : 23 °C
Relative humidity : 45 % R.H.

14.2 Test set-up

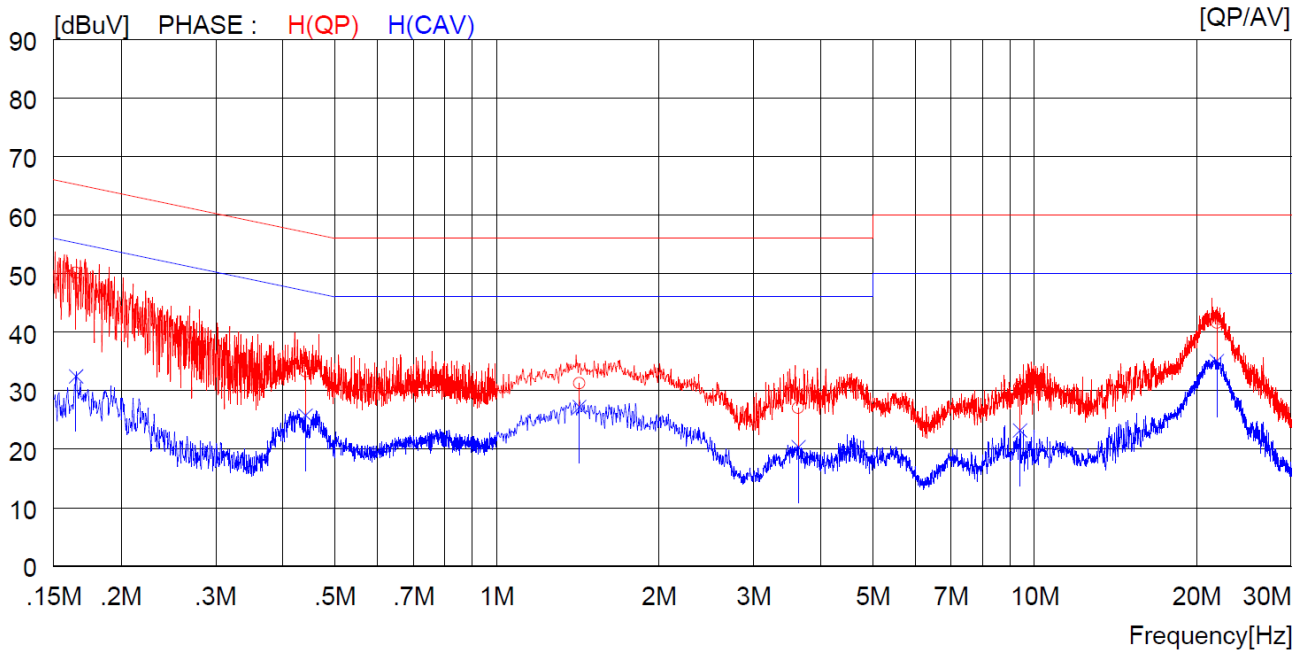
The EUT was placed on a wooden table, 0.8 m height above the floor. Power was fed to the EUT through a $50\ \Omega$ / $50\ \mu\text{H}$ + $5\ \Omega$ Artificial Mains Network (AMN). The ground plane was electrically bonded to the reference ground system and all power lines were filtered from ambient.

14.3 Test Date

October 13, 2021 ~ October 14, 2021

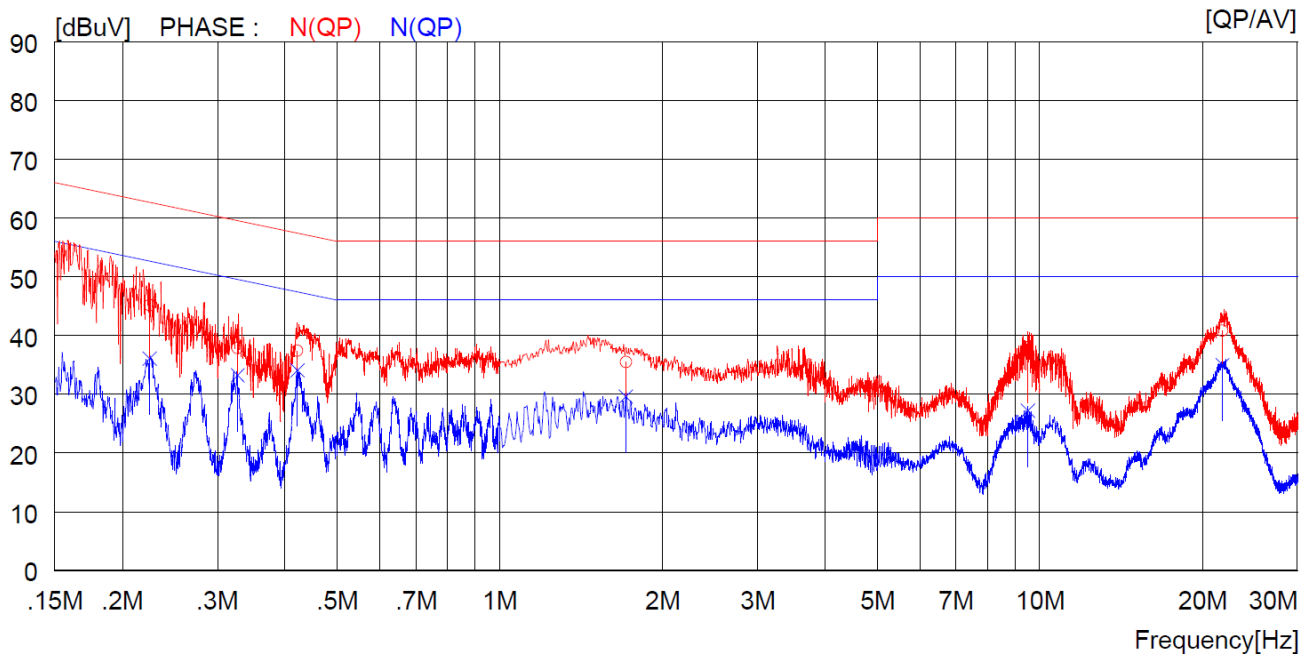
14.4 Test data

- Resolution bandwidth : 9 kHz
- Frequency range : 0.15 MHz ~ 30 MHz
- Tested Line : HOT LINE



NO	FREQ		READING		C.FACTOR		RESULT		LIMIT		MARGIN		PHASE
	QP	AV	QP	AV	QP	AV	QP	AV	QP	AV	QP	AV	
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.16500	40.1	----	10.0			50.1	----	65.2	----	15.1	----	H(QP)
2	0.44100	23.3	----	10.0			33.3	----	57.0	----	23.7	----	H(QP)
3	1.42400	21.2	----	10.1			31.3	----	56.0	----	24.7	----	H(QP)
4	3.64000	16.9	----	10.1			27.0	----	56.0	----	29.0	----	H(QP)
5	9.38500	20.4	----	10.2			30.6	----	60.0	----	29.4	----	H(QP)
6	21.82000	31.2	----	10.4			41.6	----	60.0	----	18.4	----	H(QP)
7	0.16500	----	22.5	10.0			----	32.5		55.2	----	22.7	H(CAV)
8	0.44100	----	15.8	10.0			----	25.8		47.0	----	21.2	H(CAV)
9	1.42400	----	17.1	10.1			----	27.2		46.0	----	18.8	H(CAV)
10	3.64000	----	10.3	10.1			----	20.4		46.0	----	25.6	H(CAV)
11	9.38500	----	13.0	10.2			----	23.2		50.0	----	26.8	H(CAV)
12	21.82000	----	24.7	10.4			----	35.1		50.0	----	14.9	H(CAV)

-. Tested Line : NEUTRAL LINE



NO	FREQ	READING	C.FACTOR		RESULT		LIMIT		MARGIN		PHASE
	QP	AV	QP	AV	QP	AV	QP	AV	QP	AV	
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.22500	35.1	----	10.0	45.1	----	62.6	----	17.5	----	N(QP)
2	0.32700	27.8	----	10.0	37.8	----	59.5	----	21.7	----	N(QP)
3	0.42200	27.4	----	10.0	37.4	----	57.4	----	20.0	----	N(QP)
4	1.71200	25.3	----	10.1	35.4	----	56.0	----	20.6	----	N(QP)
5	9.49000	27.8	----	10.2	38.0	----	60.0	----	22.0	----	N(QP)
6	21.78000	30.4	----	10.4	40.8	----	60.0	----	19.2	----	N(QP)
7	0.22500	----	26.1	10.0	----	36.1	----	52.6	----	16.5	N(CAV)
8	0.32700	----	23.2	10.0	----	33.2	----	49.5	----	16.3	N(CAV)
9	0.42200	----	24.1	10.0	----	34.1	----	47.4	----	13.3	N(CAV)
10	1.71200	----	19.5	10.1	----	29.6	----	46.0	----	16.4	N(CAV)
11	9.49000	----	17.0	10.2	----	27.2	----	50.0	----	22.8	N(CAV)
12	21.78000	----	24.6	10.4	----	35.0	----	50.0	----	15.0	N(CAV)

Remark: Margin (dB) = Limit – Level (Result)

The emission level in above table is included the transducer factor that means insertion loss (LISN), cable loss and attenuator.

15. LIST OF TEST EQUIPMENT

FSV40-N	Rohde & Schwarz	Signal Analyzer	101457	Apr. 16, 2021 (1Y)
ESW 44	Rohde & Schwarz	EMI Test Receiver	101851	Mar. 23, 2021 (1Y)
310N	Sonoma Instrument	Pre-Amplifier	392756	Oct. 16, 2021 (1Y)
PAM-118A	Com-Power	Pre-Amplifier	18040081	Oct. 12, 2021 (1Y)
PAM-840A	Com-Power	Pre-Amplifier	461339	Oct. 16, 2021 (1Y)
DT3000-3t	Innco System	Turn Table	DT3000/093	N/A
MA-4000XPET	Innco System	Antenna Master	MA4000/509	N/A
FMZB 1513	Schwarzbeck	Loop Antenna	1513-235	Mar. 24, 2020 (2Y)
HLP-2008	TDK	Hybrid Antenna	131316	Feb. 27, 2020 (2Y)
AH-118	Com-Power	Horn Antenna	10050061	Oct. 15, 2021 (1Y)
BBHA9170	Schwarzbeck	Horn Antenna	BBHA9170178	Jan. 07, 2021 (1Y)
HPF 3GHz	Rohde & Schwarz	High Pass Filter (1-3 GHz)	N/A	Feb. 08, 2021 (1Y)
ESCI	Rohde & Schwarz	EMI Test Receiver	101012	Oct. 19, 2021 (1Y)
NSLK8128	Schwarzbeck	AMN	8128216	Oct. 19, 2021 (1Y)
ESH3-Z2	Rohde & Schwarz	Pulse Limiter	100655	Mar. 15, 2021 (1Y)