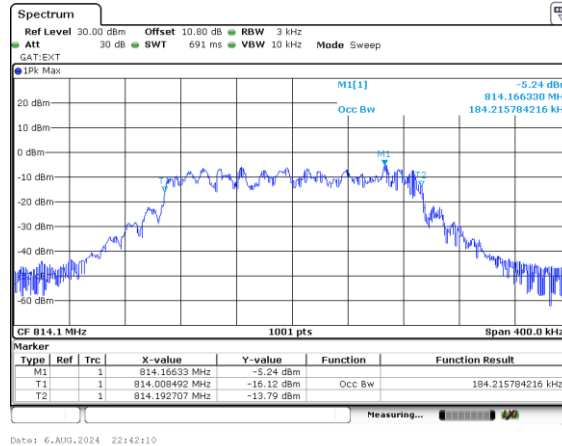


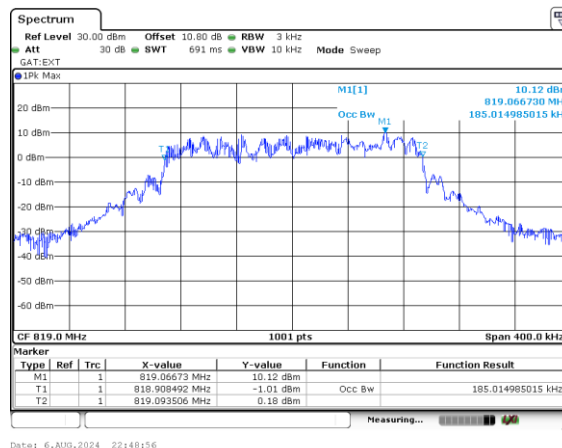


LTE Band 26

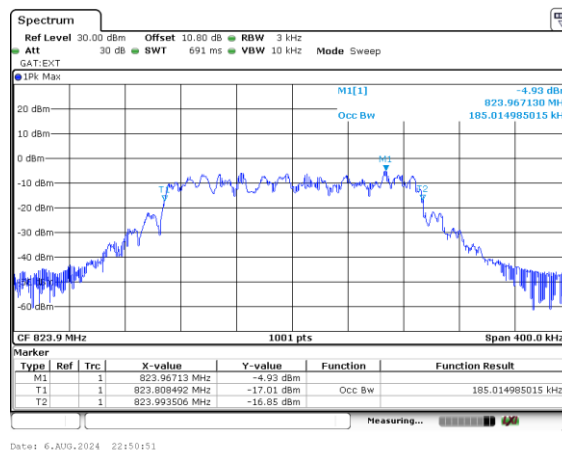
Lowest Channel / 15kHz / QPSK

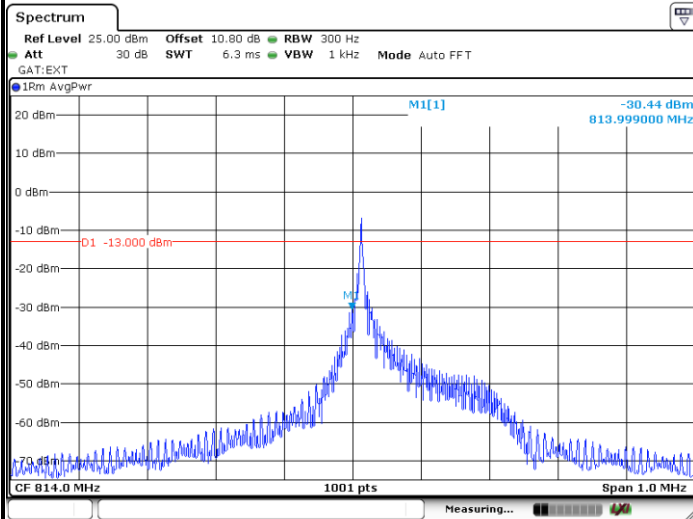
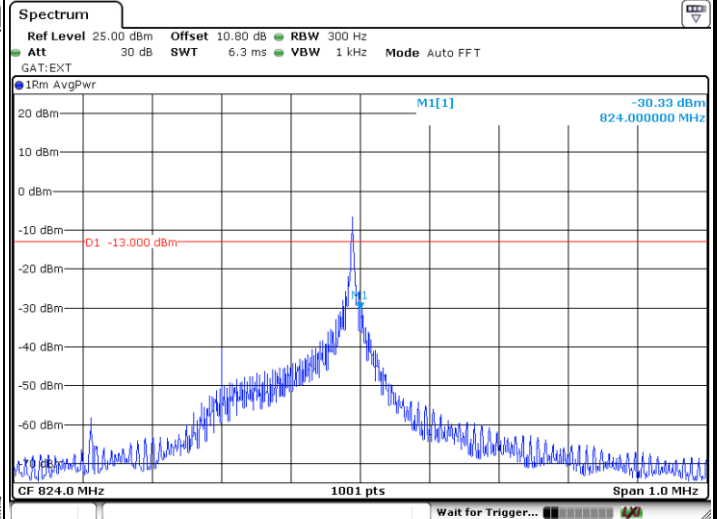
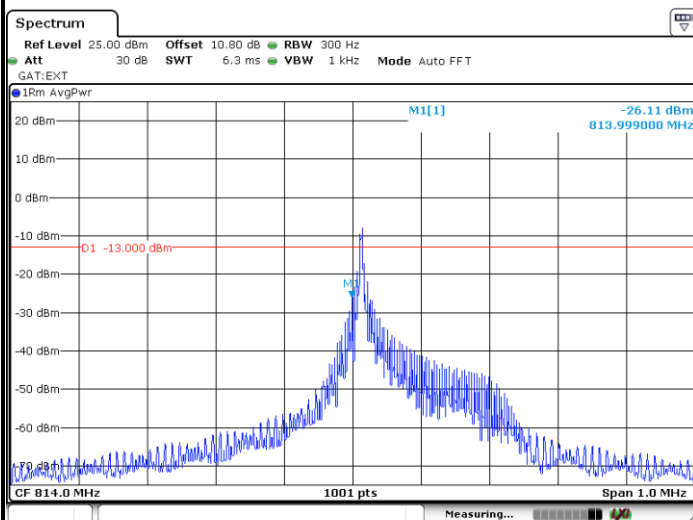
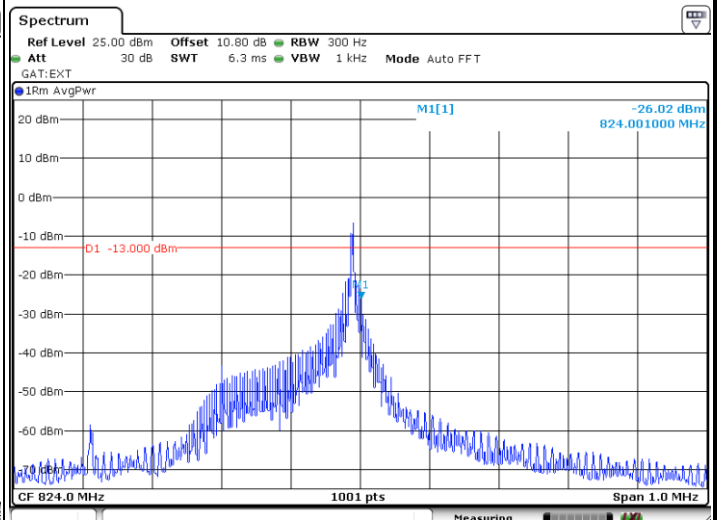


Middle Channel / 15kHz / QPSK



Highest Channel / 15kHz / QPSK

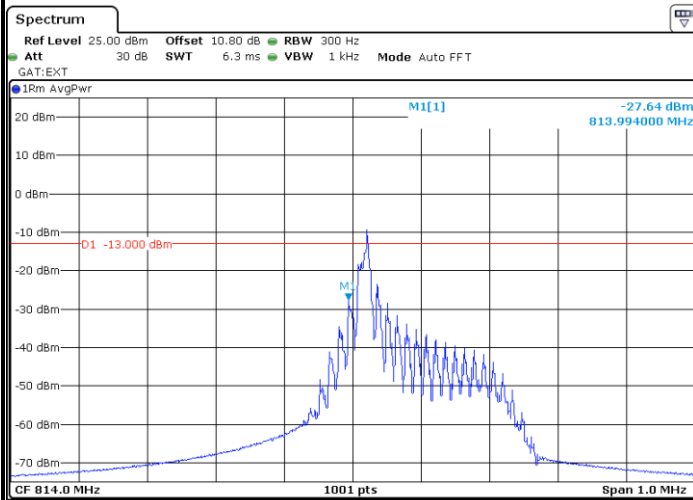


**Emission masks – In-band emissions****LTE Band 26 / 3.75kHz / BPSK****Lowest Band Edge / 1 T****Highest Band Edge / 1 T****LTE Band 26 / 3.75kHz / QPSK****Lowest Band Edge / 1 T****Highest Band Edge / 1 T**



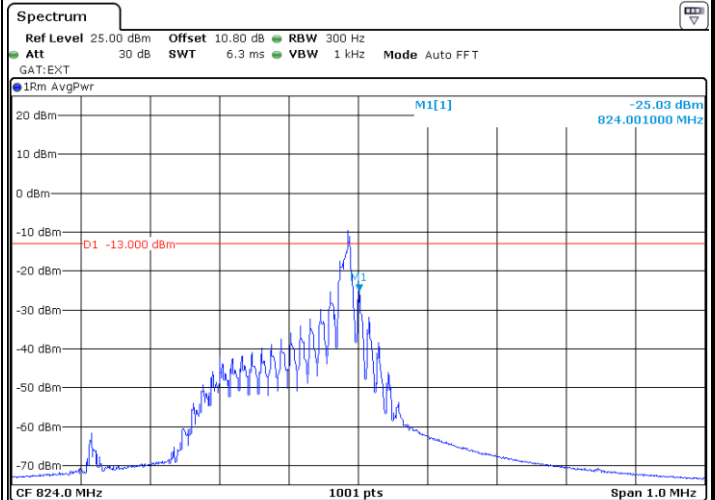
LTE Band 26 / 15kHz / BPSK

Lowest Band Edge / 1 T



Date: 6.AUG.2024 19:28:05

Highest Band Edge / 1 T

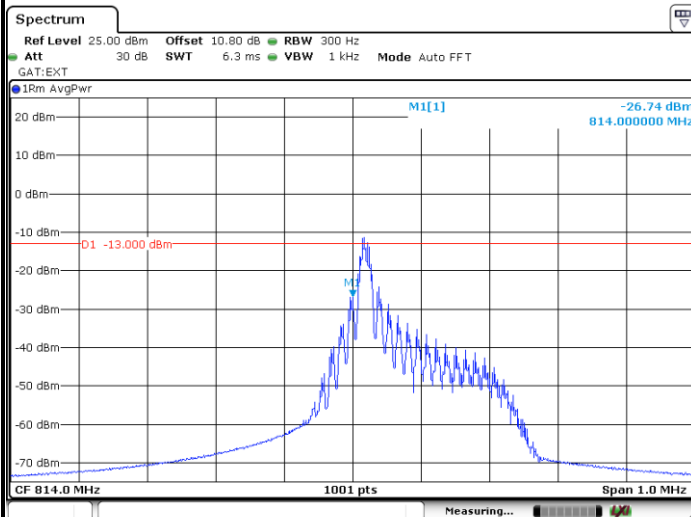


Date: 6.AUG.2024 19:37:54

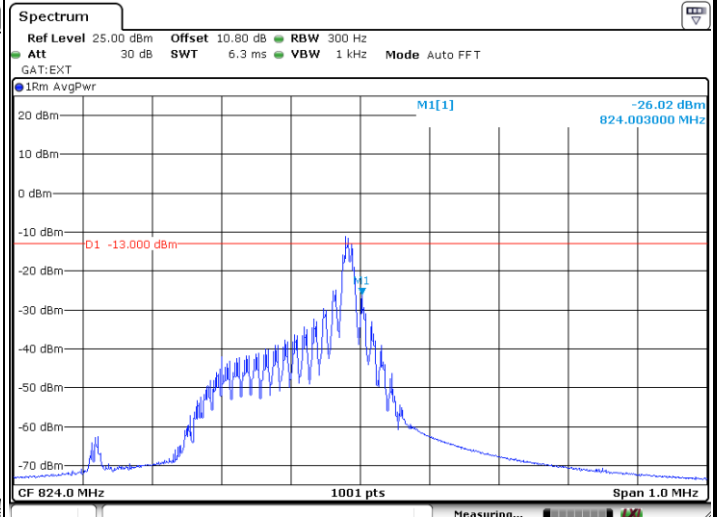


LTE Band 26 / 15kHz / QPSK

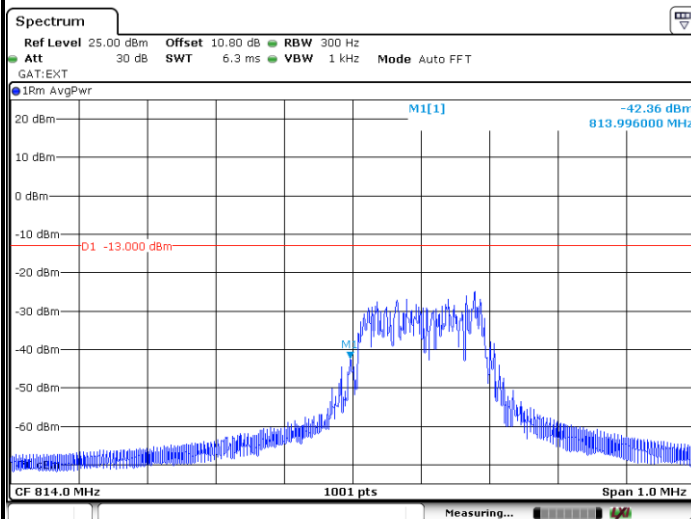
Lowest Band Edge / 1 T



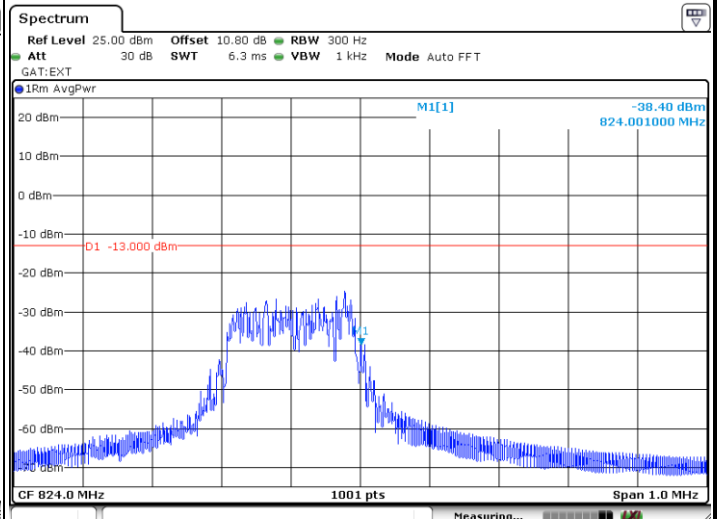
Highest Band Edge / 1 T

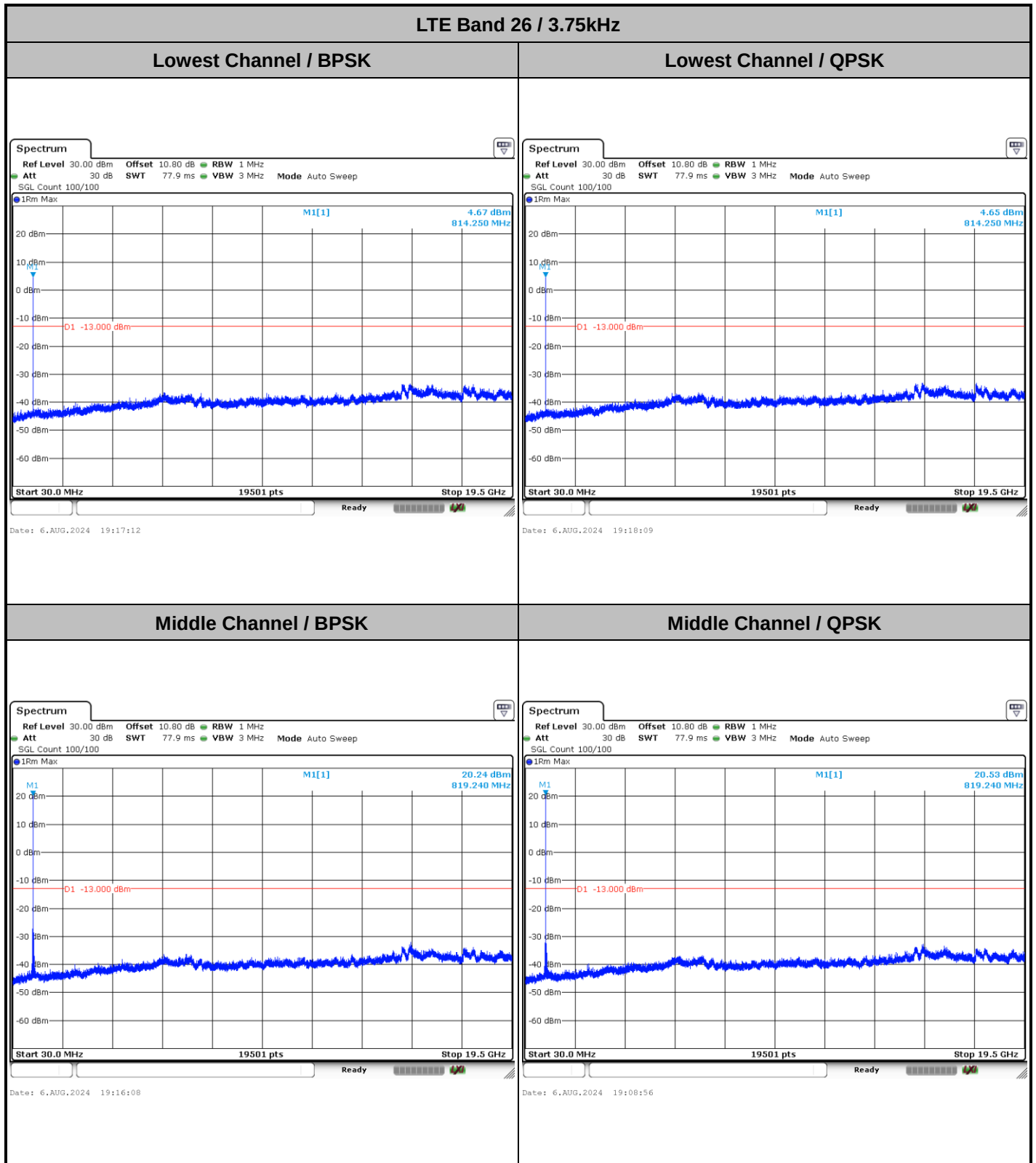


Lowest Band Edge / Full T



Highest Band Edge / Full T



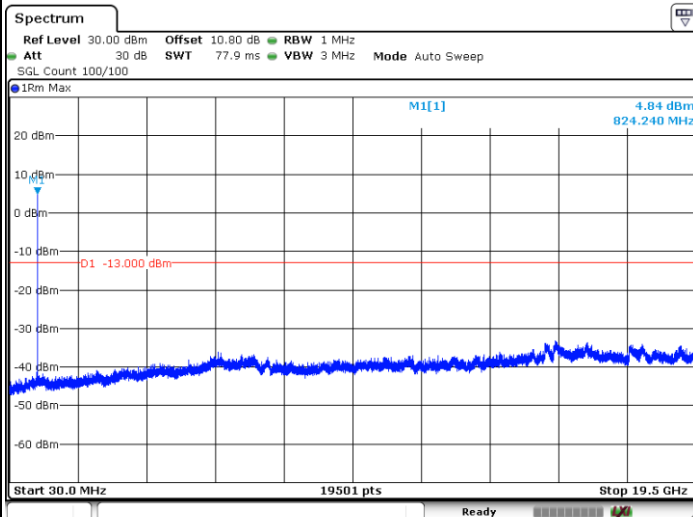
**Emission masks – Out of band emissions**



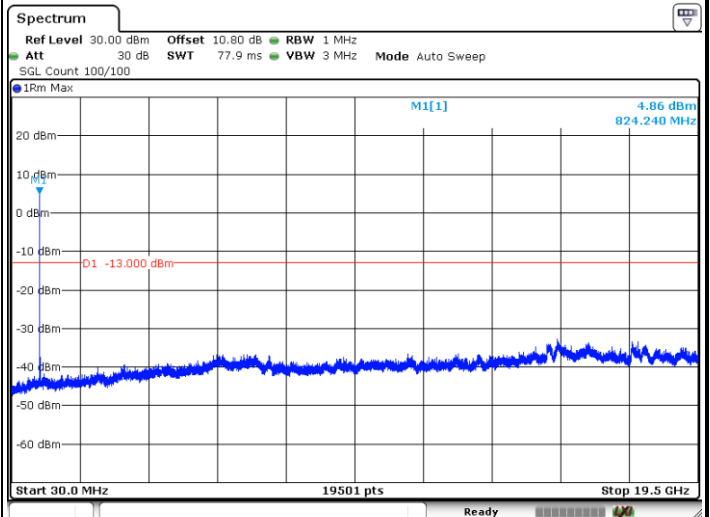
LTE Band 26 / 3.75kHz

Highest Channel / BPSK

Highest Channel / QPSK



Date: 6.AUG.2024 19:05:57

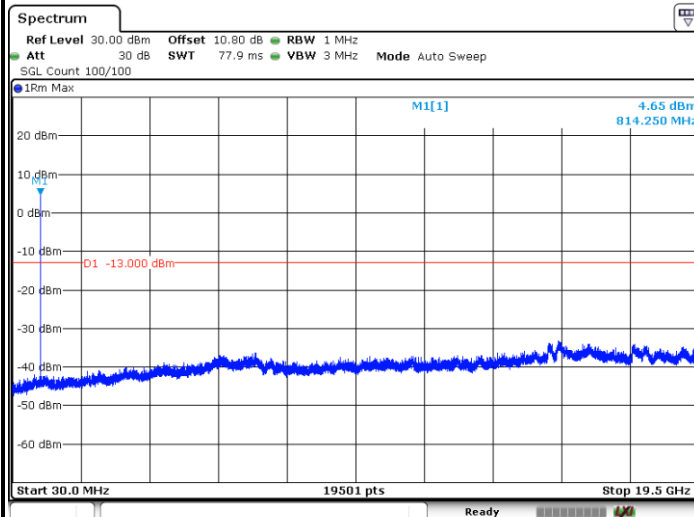


Date: 6.AUG.2024 19:07:42

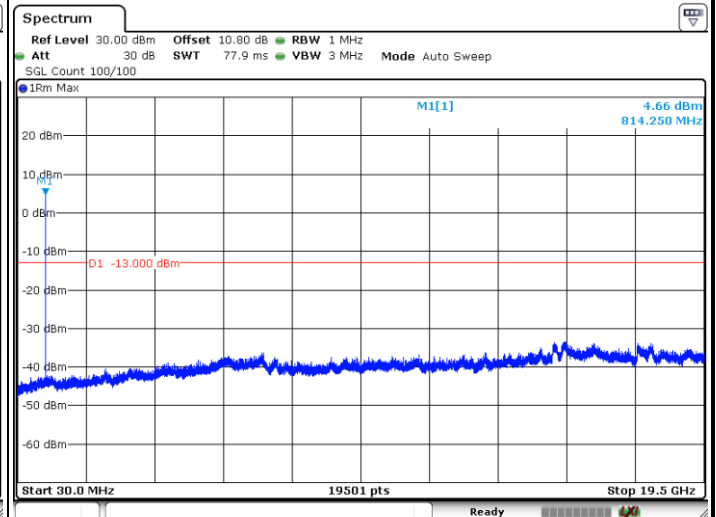


LTE Band 26 / 15kHz

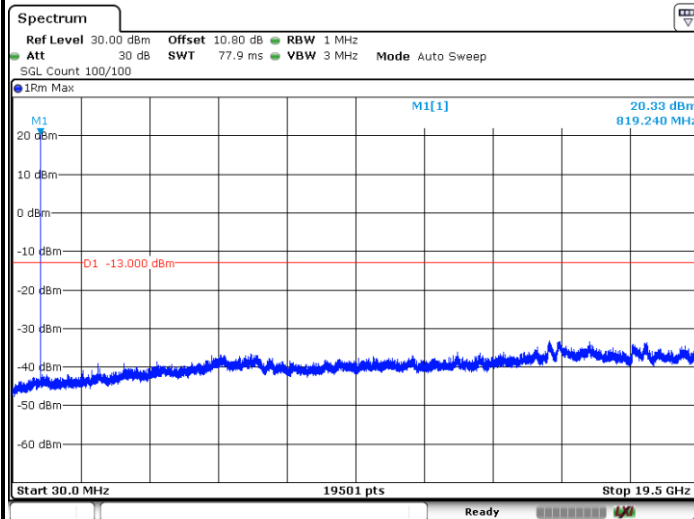
Lowest Channel / BPSK



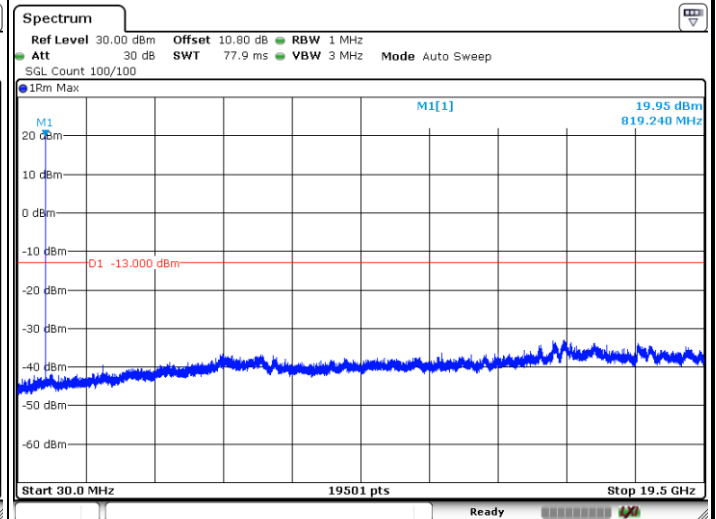
Lowest Channel / QPSK



Middle Channel / BPSK



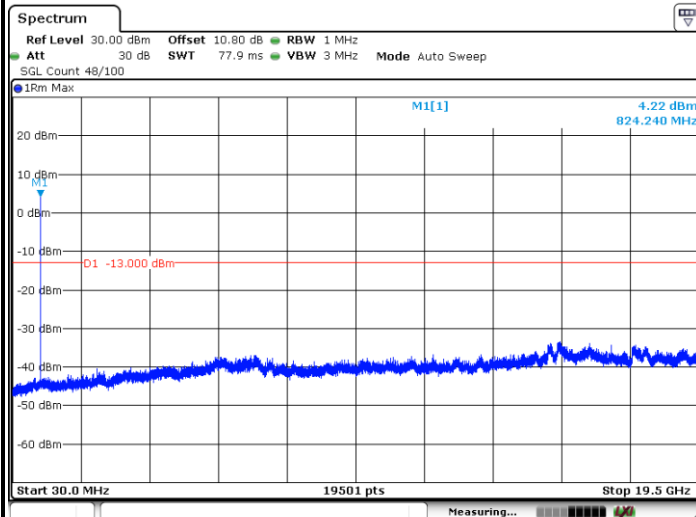
Middle Channel / QPSK



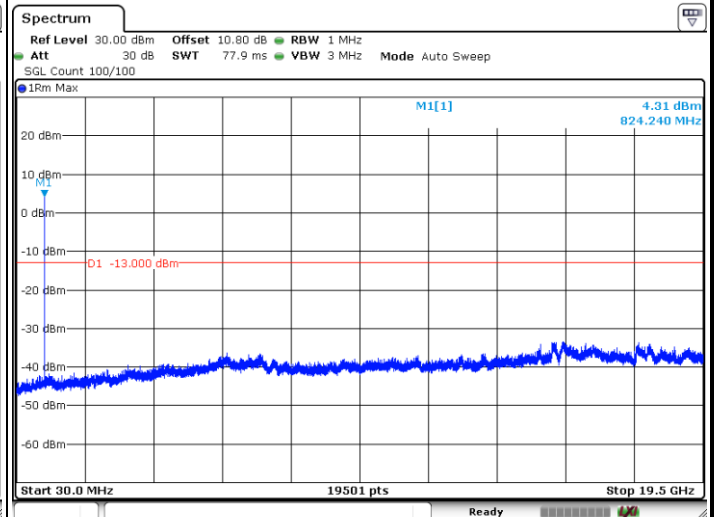


LTE Band 26 / 15kHz

Highest Channel / BPSK



Highest Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15kHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0153	PASS
40	Normal Voltage	0.0057	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0092	
-10	Normal Voltage	0.0145	
-20	Normal Voltage	0.0155	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0116	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0081	

Note: Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15kHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0079	PASS
40	Normal Voltage	0.0052	
30	Normal Voltage	0.0111	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0121	
0	Normal Voltage	0.0149	
-10	Normal Voltage	0.0090	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0095	
20	Maximum Voltage	0.0052	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0144	

Note: Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.



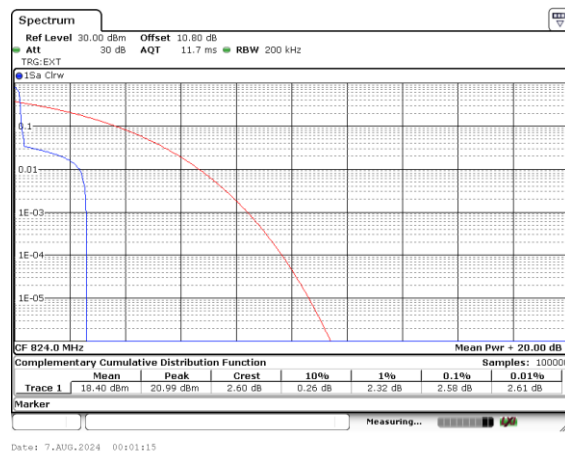
LTE Band 26 (Part 90S_824MHz)

Peak-to-Average Ratio

Mode	LTE Band 26 / 15kHz			
Mod.	BPSK	QPSK		Limit: 13dB
T Size	1T	1T	Full T	Result
Middle CH	2.58	2.03	3.94	PASS

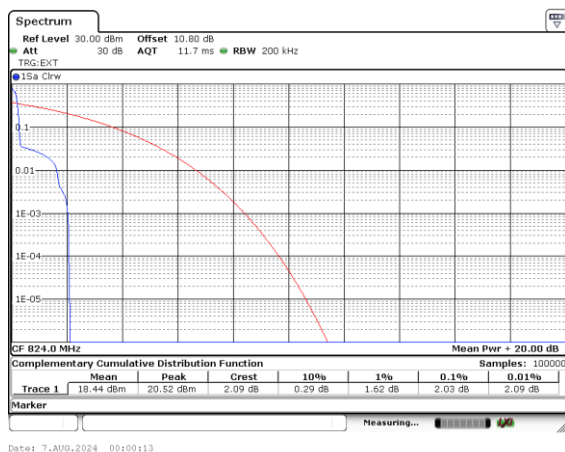
LTE Band 26 / 15kHz / BPSK

Middle Channel/ 1T

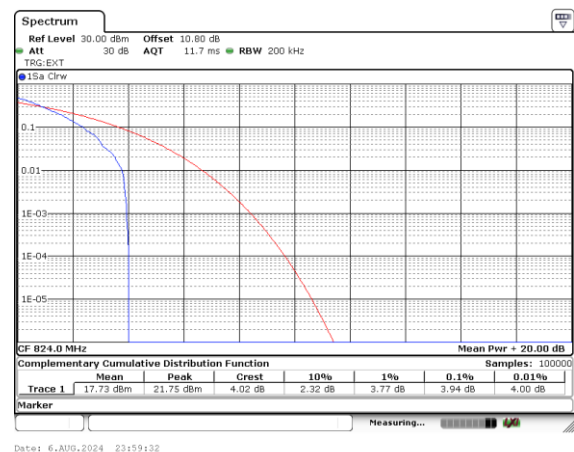


LTE Band 26 / 15kHz / QPSK

Middle Channel/ 1T

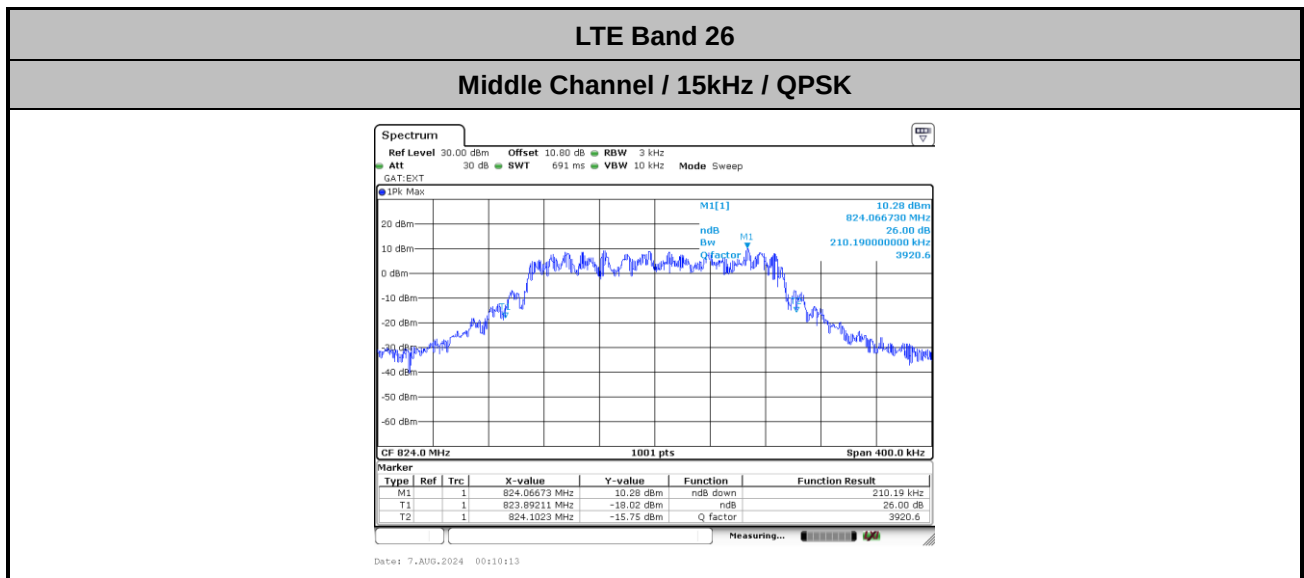


Middle Channel / Full T



**26dB Bandwidth**

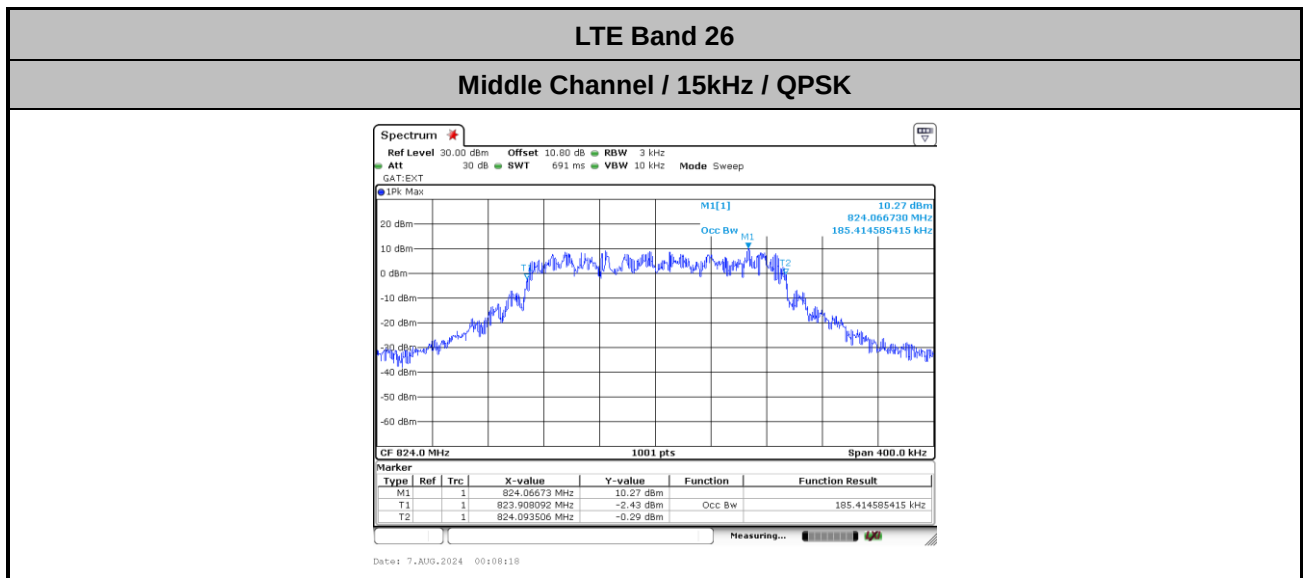
Mode	LTE Band 26 : 26dB(kHz)
Subcarrier Spacing	15k
Mod.	QPSK
Middle CH	210.19

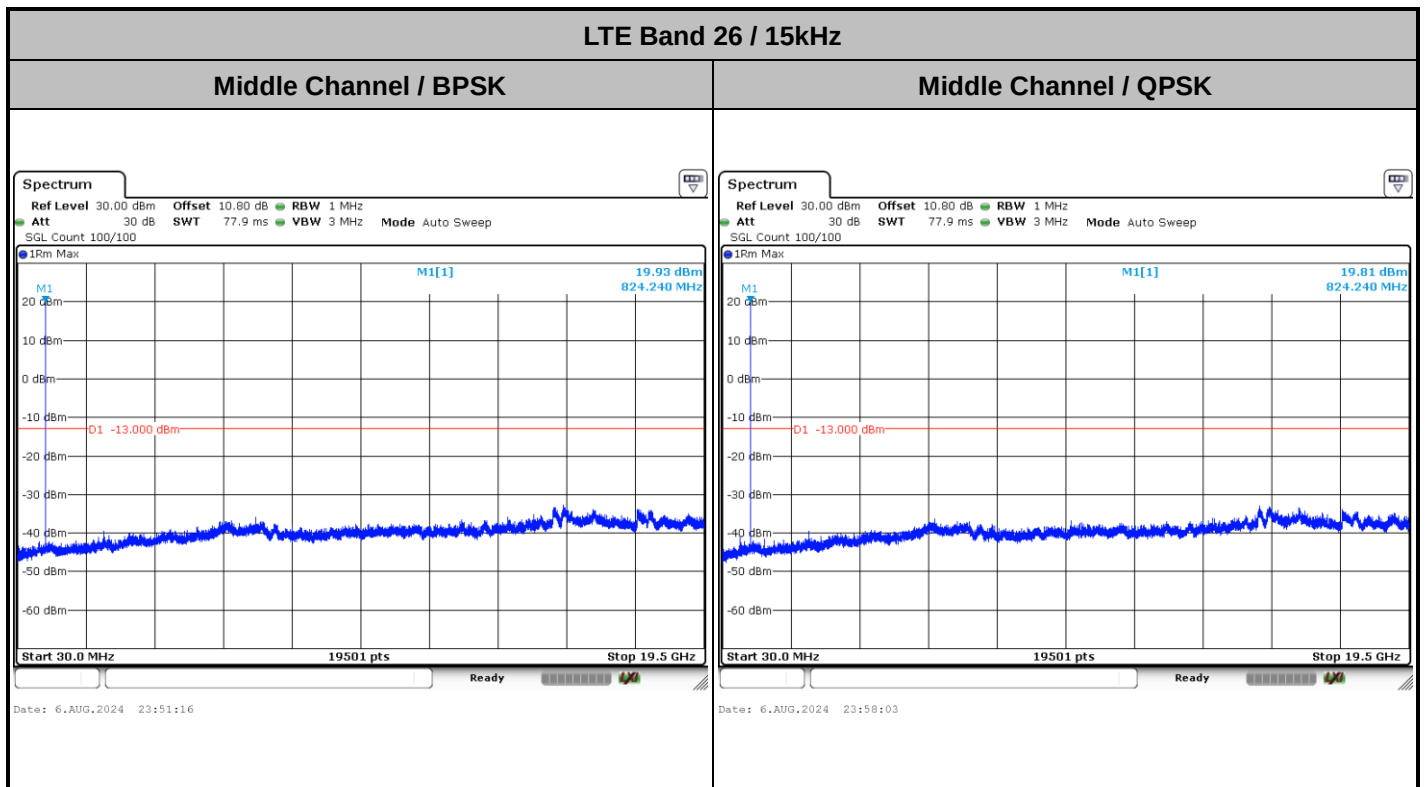
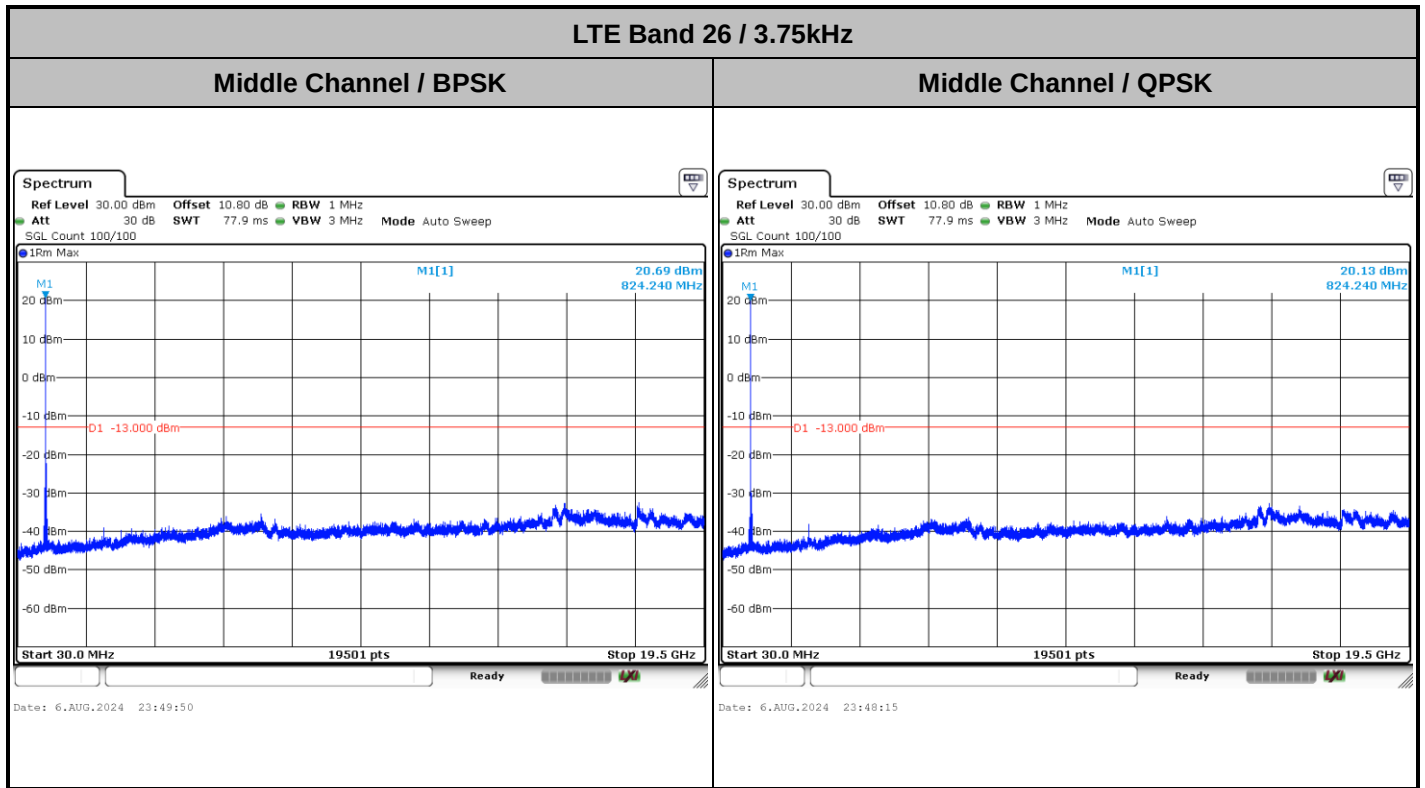




Occupied Bandwidth

Mode	LTE Band 26 : OB(kHz)
Subcarrier Spacing	15k
Mod.	QPSK
Middle CH	185.41



**Conducted Spurious Emission**

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15kHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0153	PASS
40	Normal Voltage	0.0057	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0092	
-10	Normal Voltage	0.0145	
-20	Normal Voltage	0.0155	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0116	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0081	

Note: Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.



LTE Band 12

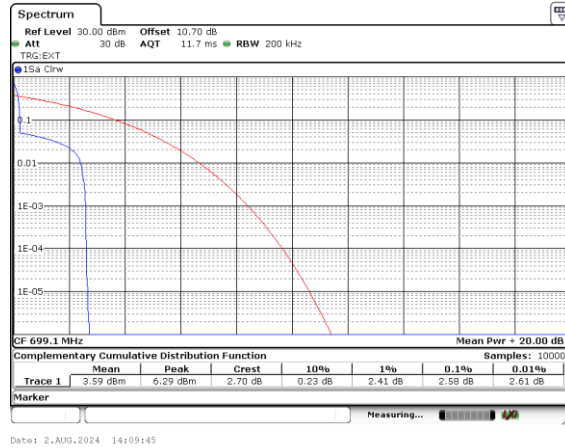
Peak-to-Average Ratio

Mode	LTE Band 12 / 15kHz			
Mod.	BPSK	QPSK		Limit: 13dB
T Size	1T	1T	Full T	Result
Lowest CH	2.58	2.12	4.49	PASS
Middle CH	2.58	2.03	4.38	
Highest CH	2.55	2	3.94	

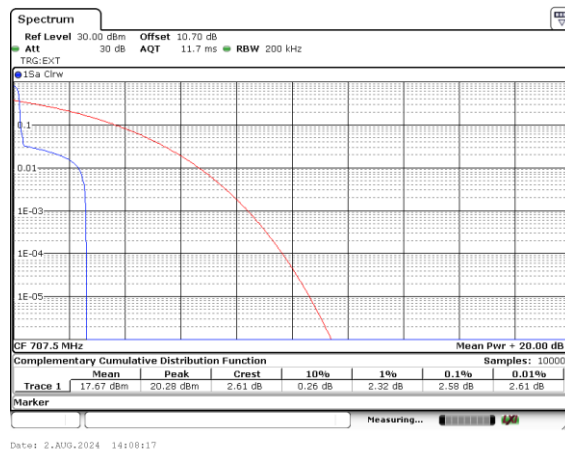


LTE Band 12 / 15kHz / BPSK

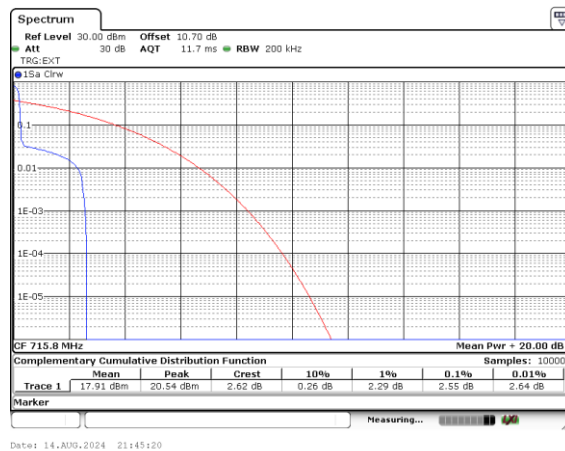
Lowest Channel / 1T

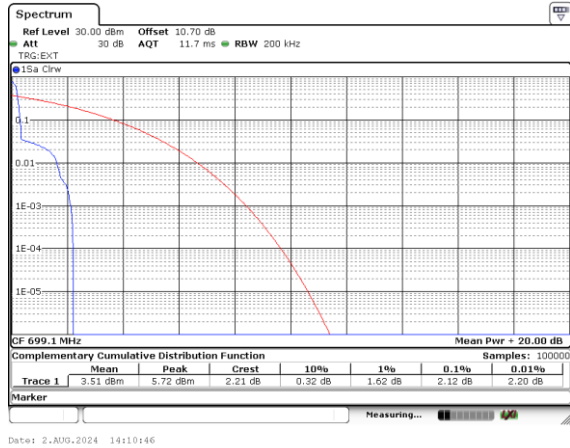
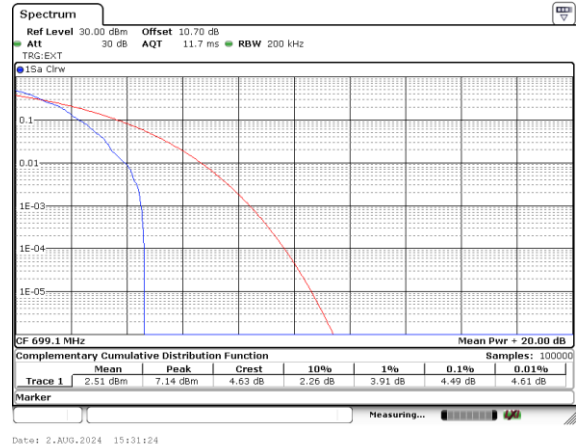
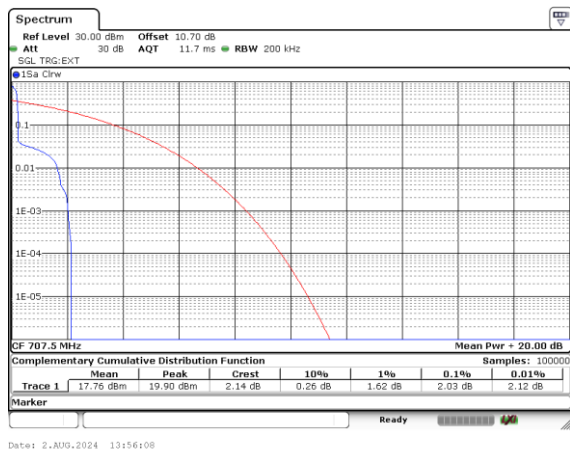
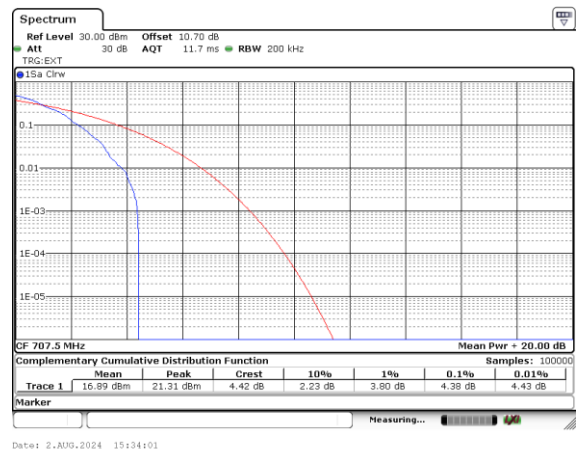
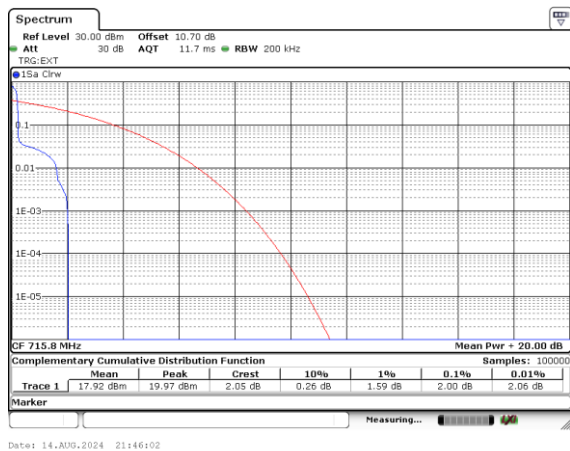
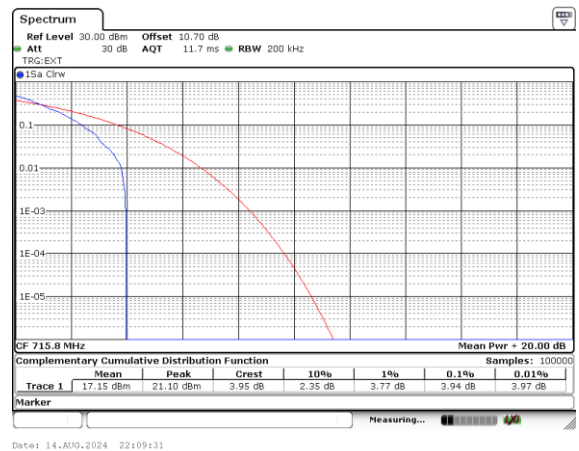


Middle Channel/ 1T



Highest Channel/ 1T



LTE Band 12 / 15kHz / QPSK
Lowest Channel / 1T

Lowest Channel / Full T

Middle Channel/ 1T

Middle Channel / Full T

Highest Channel/ 1T

Highest Channel / Full T


**26dB Bandwidth**

Mode	LTE Band 12 : 26dB(kHz)
Subcarrier Spacing	15k
Mod.	QPSK
Lowest CH	216.98
Middle CH	228.97
Highest CH	204.2



LTE Band 12

Lowest Channel / 15kHz / QPSK



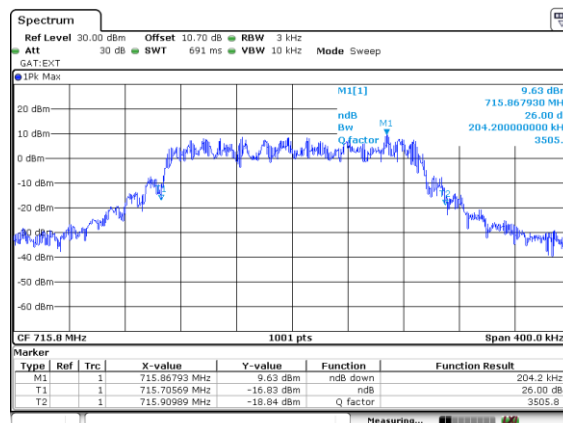
Date: 2.AUG.2024 17:09:35

Middle Channel / 15kHz / QPSK



Date: 2.AUG.2024 16:13:43

Highest Channel / 15kHz / QPSK



Date: 14.AUG.2024 22:13:28

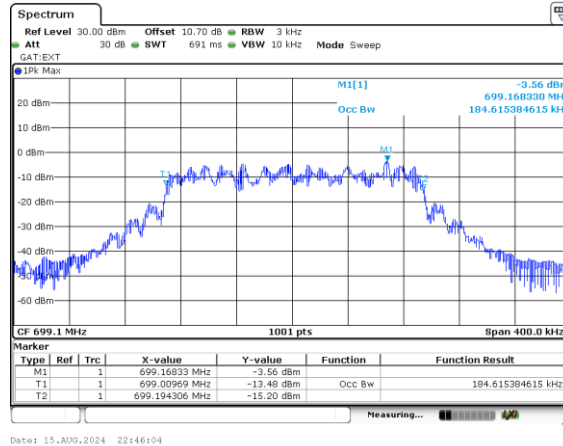
**Occupied Bandwidth**

Mode	LTE Band 12 : OB(kHz)
Subcarrier Spacing	15k
Mod.	QPSK
Lowest CH	184.61
Middle CH	189.81
Highest CH	185.01



LTE Band 12

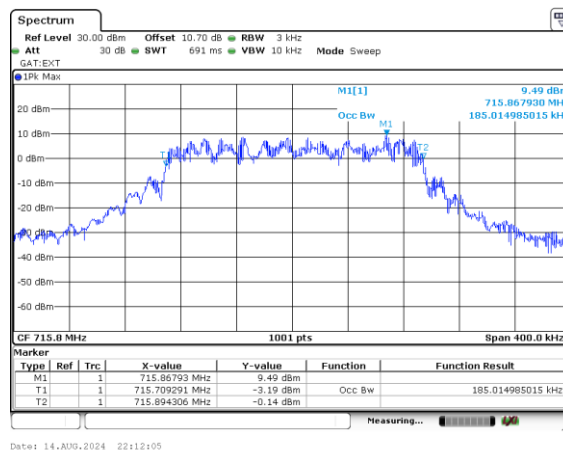
Lowest Channel / 15kHz / QPSK



Middle Channel / 15kHz / QPSK



Highest Channel / 15kHz / QPSK

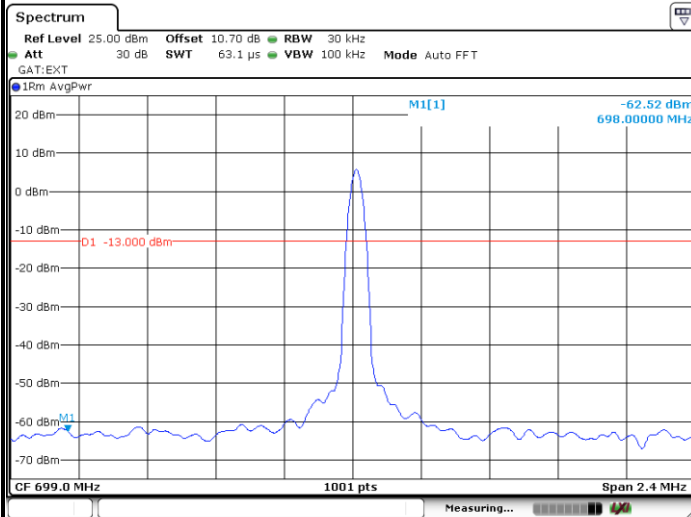




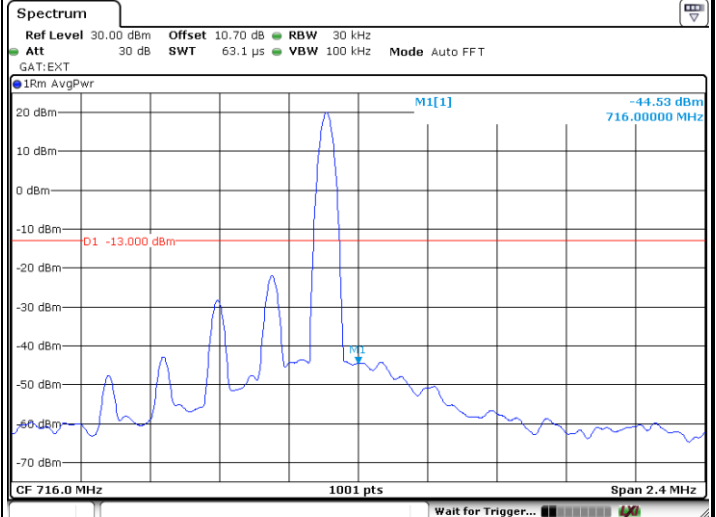
Conducted Band Edge

LTE Band 12 / 3.75kHz / BPSK

Lowest Band Edge / 1 T

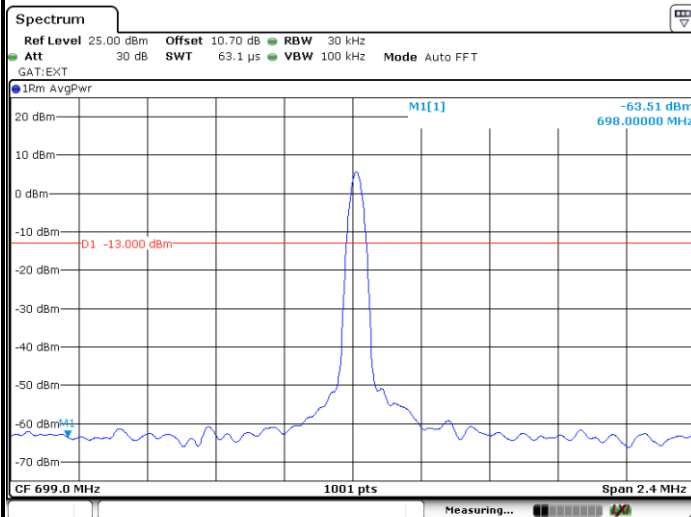


Highest Band Edge / 1 T

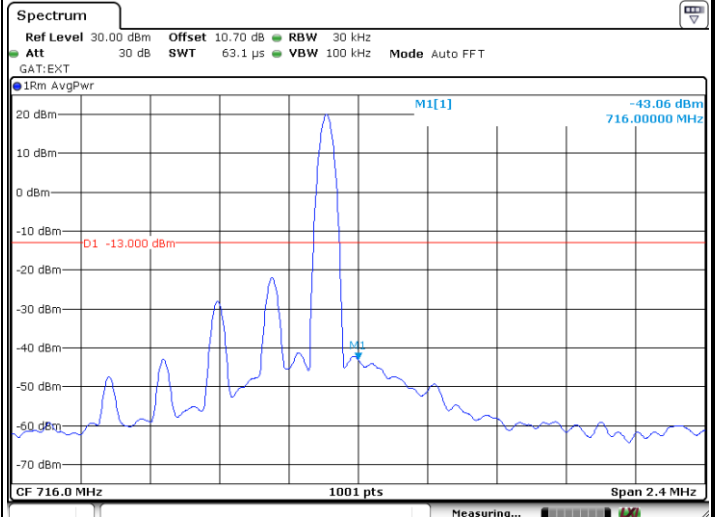


LTE Band 12 / 3.75kHz / QPSK

Lowest Band Edge / 1 T



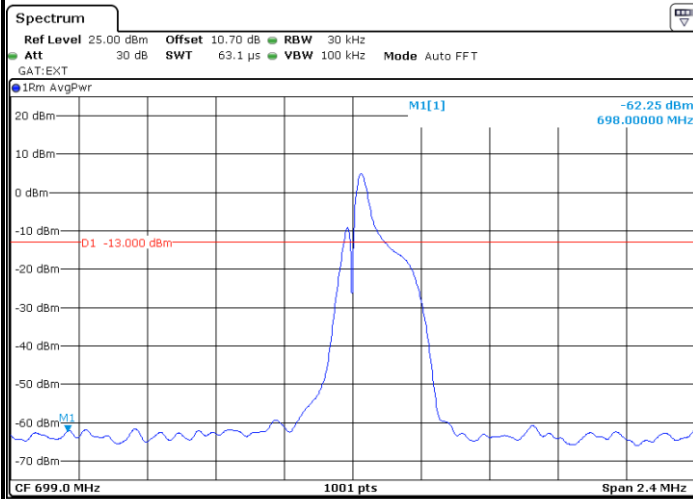
Highest Band Edge / 1 T





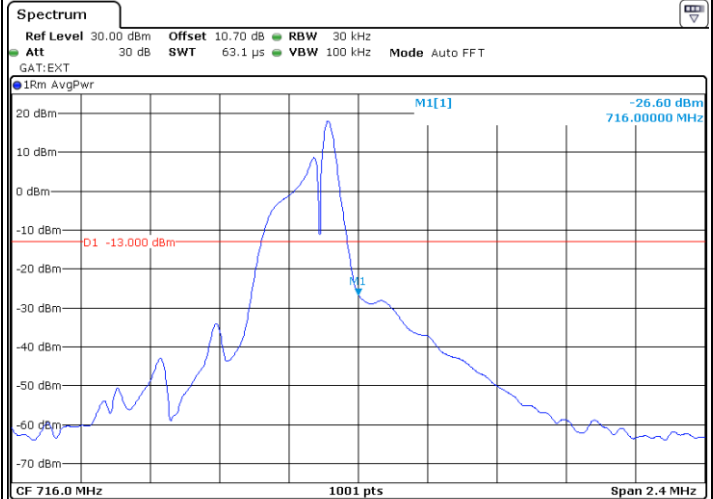
LTE Band 2 / 15kHz / BPSK

Lowest Band Edge / 1 T



Date: 2.AUG.2024 10:04:27

Highest Band Edge / 1 T

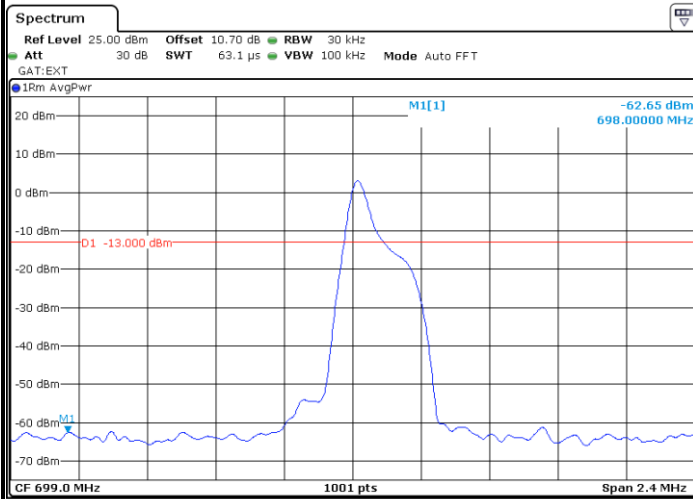


Date: 14.AUG.2024 21:47:36

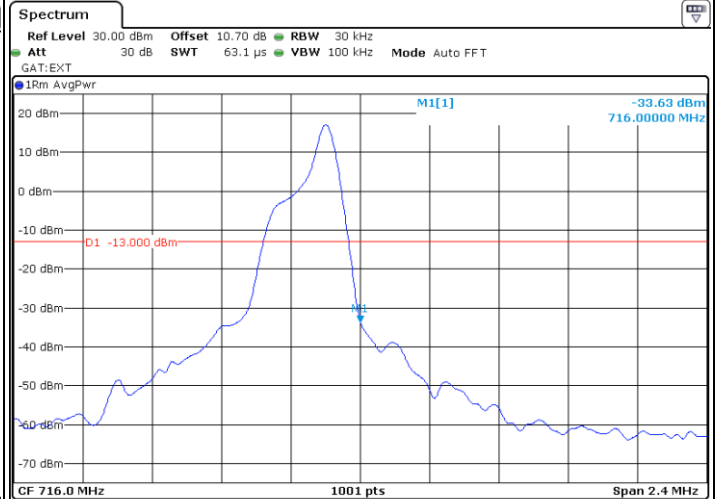


LTE Band 2 / 15kHz / QPSK

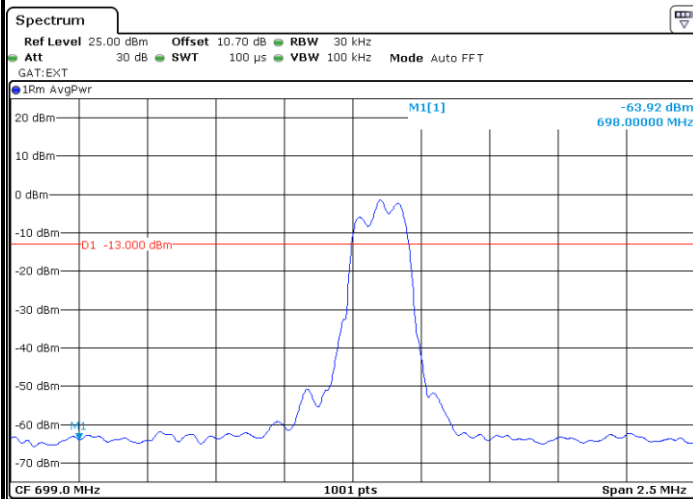
Lowest Band Edge / 1 T



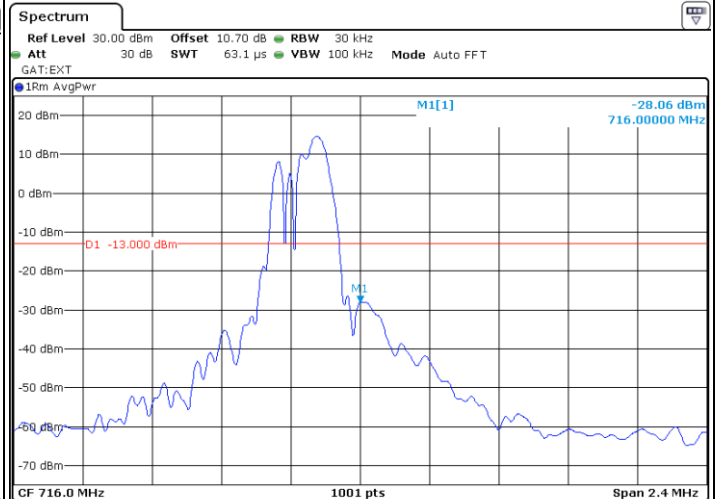
Highest Band Edge / 1 T

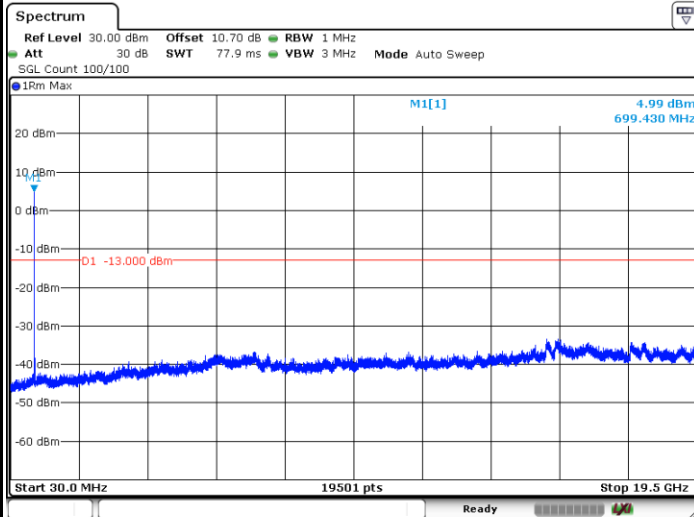
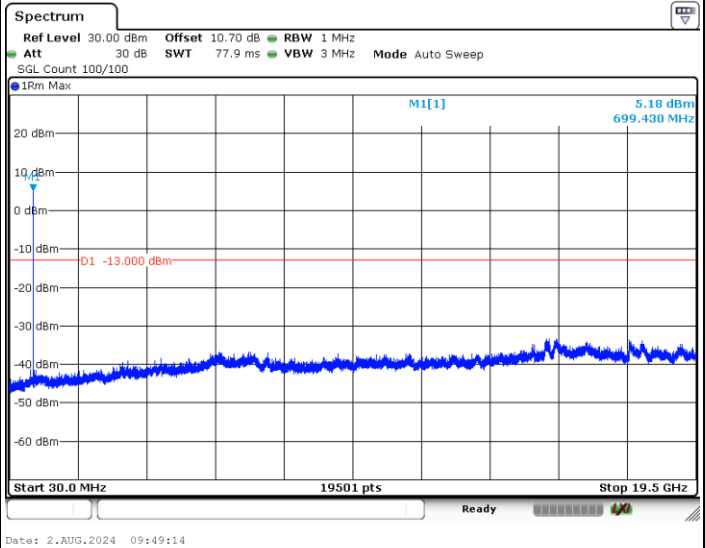
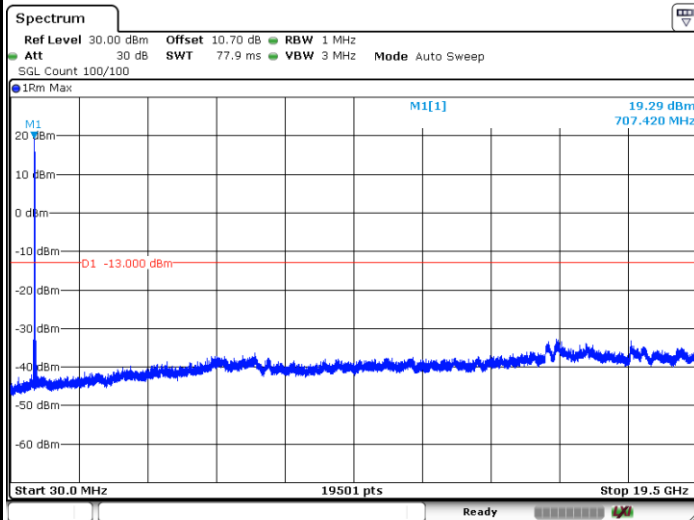
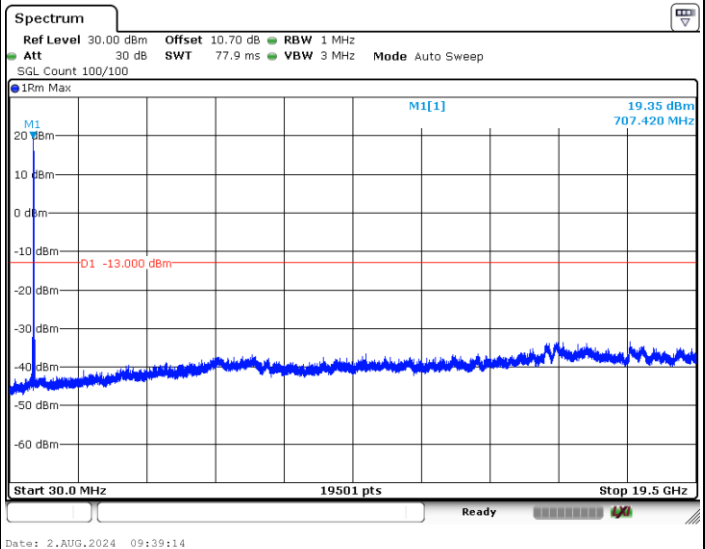


Lowest Band Edge / Full T



Highest Band Edge / Full T



**Conducted Spurious Emission****LTE Band 12 / 3.75kHz****Lowest Channel / BPSK****Lowest Channel / QPSK****Middle Channel / BPSK****Middle Channel / QPSK**



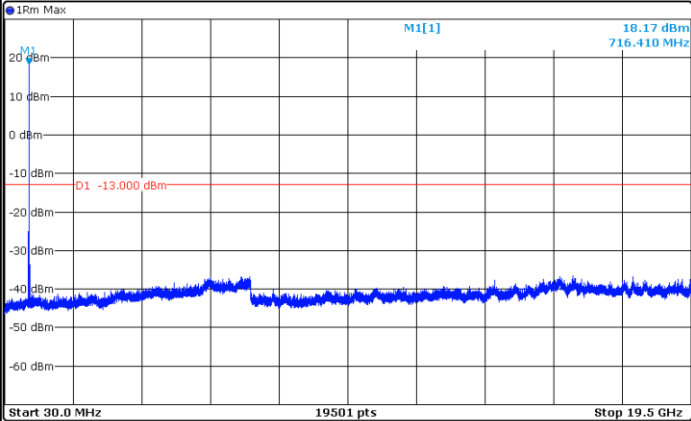
LTE Band 12 / 3.75kHz

Highest Channel / BPSK

Highest Channel / QPSK

Spectrum

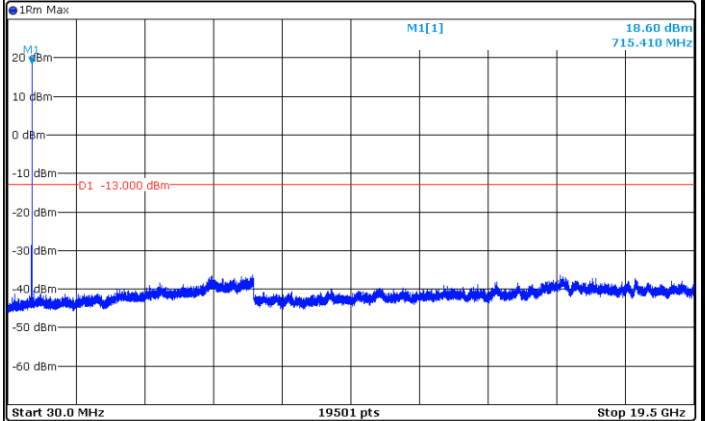
Ref Level 30.00 dBm Offset 10.70 dB RBW 1 MHz
Att 30 dB SWT 77.9 ms VBW 3 MHz Mode Auto Sweep
SQL Count 100/100



Date: 14.AUG.2024 21:35:25

Spectrum

Ref Level 30.00 dBm Offset 10.70 dB RBW 1 MHz
Att 30 dB SWT 77.9 ms VBW 3 MHz Mode Auto Sweep
SQL Count 100/100

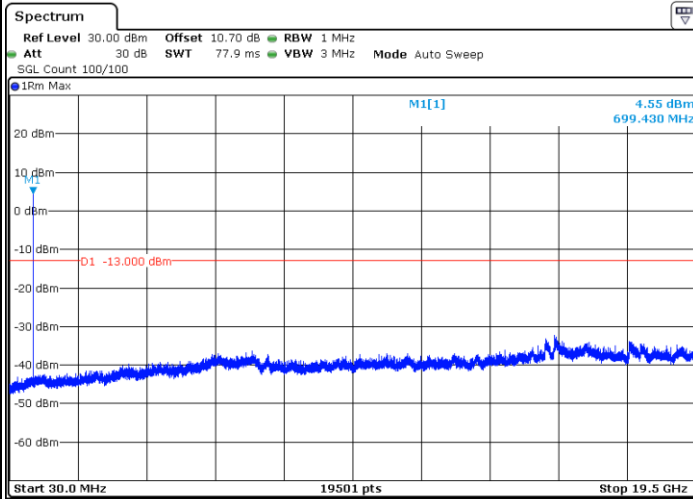


Date: 14.AUG.2024 21:37:26

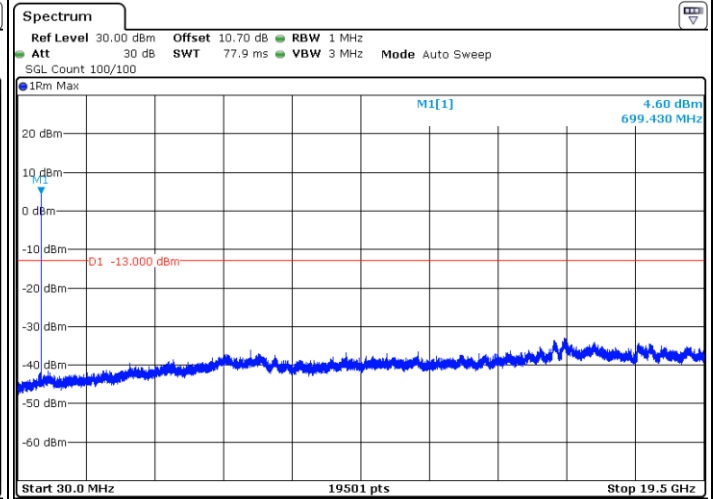


LTE Band 12 / 15kHz

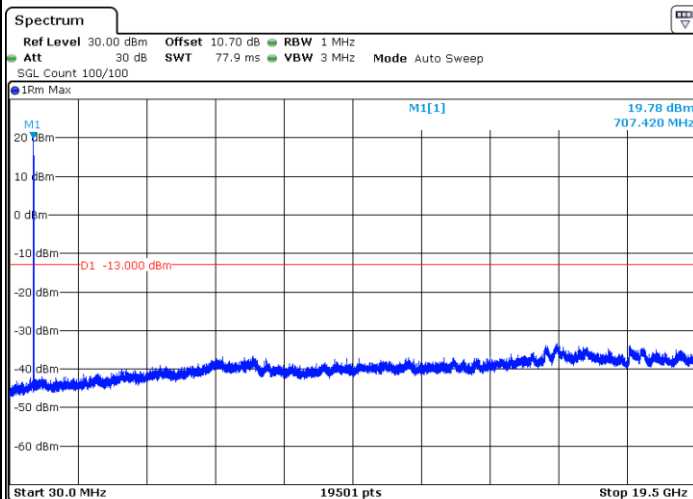
Lowest Channel / BPSK



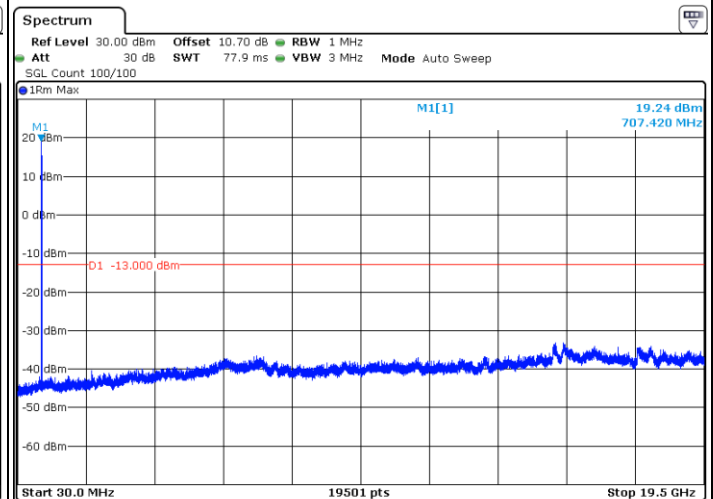
Lowest Channel / QPSK



Middle Channel / BPSK



Middle Channel / QPSK

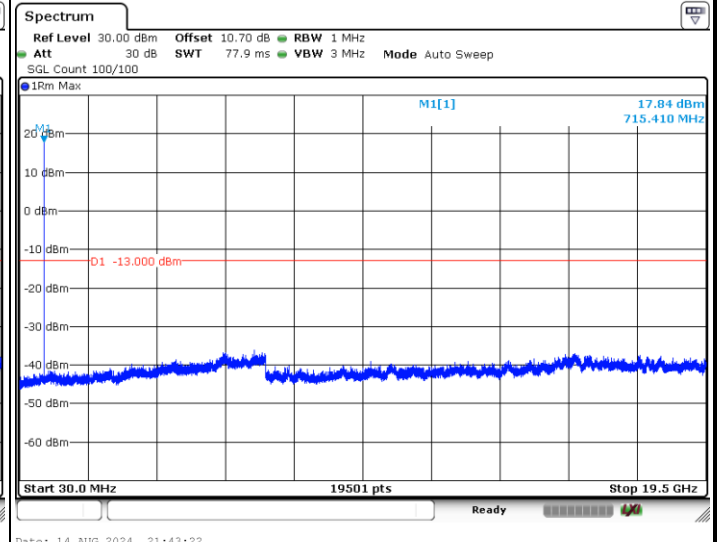
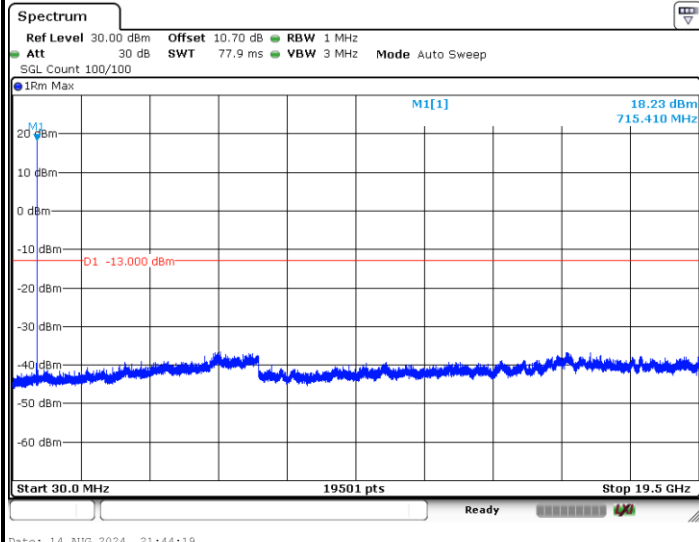




LTE Band 12 / 15kHz

Highest Channel / BPSK

Highest Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15kHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0160	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0242	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0048	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0058	
-20	Normal Voltage	0.0188	
-30	Normal Voltage	0.0181	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0161	

Note:

1. Normal Voltage = 110 V. ; Minimum Voltage = 90 V. ; Maximum Voltage = 264 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

<Sample 1>

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
2	Part 22H	NB-IoT B5	M	2512	-40.30	RMS	32.42	-50.34	0.24	-95.23	72.61	-13.00	-27.30	V	NB-IoT
4	Part 22H	NB-IoT B26	M	2512	-38.25	RMS	32.42	-50.34	0.24	-95.23	74.66	-13.00	-25.25	H	NB-IoT
2	Part 24E	NB-IoT B2	M	5640	-46.72	RMS	34.94	-43.86	0.47	-95.23	56.96	-13.00	-33.72	H	NB-IoT
2	Part 27H	NB-IoT B12	M	1416	-42.78	RMS	28.50	-52.75	0.41	-95.23	76.29	-13.00	-29.78	V	NB-IoT
2	Part 27L	NB-IoT B4	M	3465	-23.12	RMS	33.01	-49.13	0.76	-95.23	87.47	-13.00	-10.12	H	NB-IoT
4	Part 27F	NB-IoT B13	M	1568	-44.21	RMS	27.70	-52.32	0.33	-95.23	75.31	-42.15	-2.06	V	NB-IoT
2	Part 90S	NB-IoT B26	M	3280	-47.80	RMS	32.76	-49.22	0.14	-95.23	63.75	-13.00	-34.80	V	NB-IoT
8	Part 90S	NB-IoT B26	M	3296	-46.53	RMS	32.79	-49.21	0.14	-95.23	64.98	-13.00	-33.53	V	NB-IoT

<Sample 3>

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
5	Part 22H	NB-IoT B26	M	2512	-48.65	RMS	32.42	-50.34	0.24	-95.23	64.26	-13.00	-35.65	H	NB-IoT

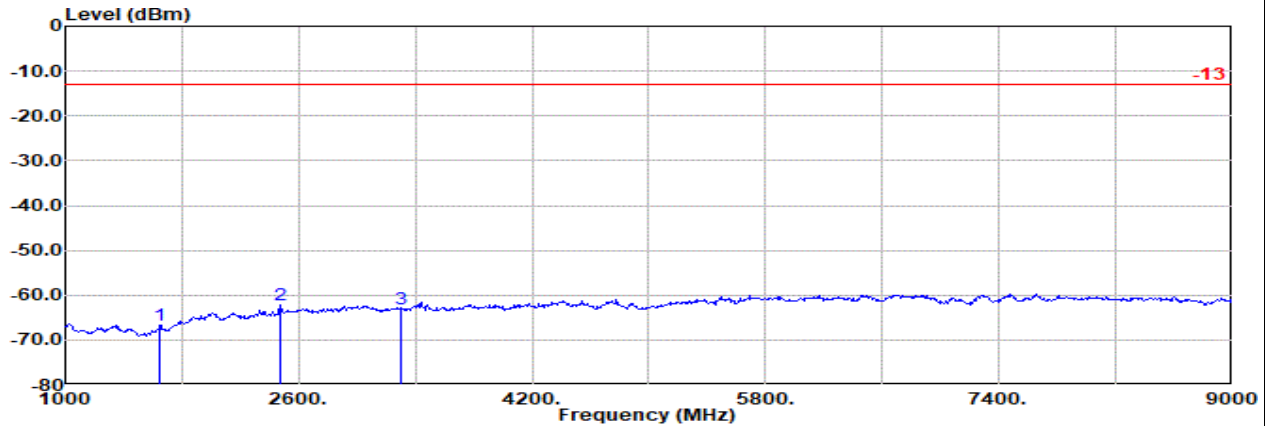


NB-IoT

Part 22H Mode 2

NB-IoT B5 3.75k Ch20401 1RB0 BPSK

L

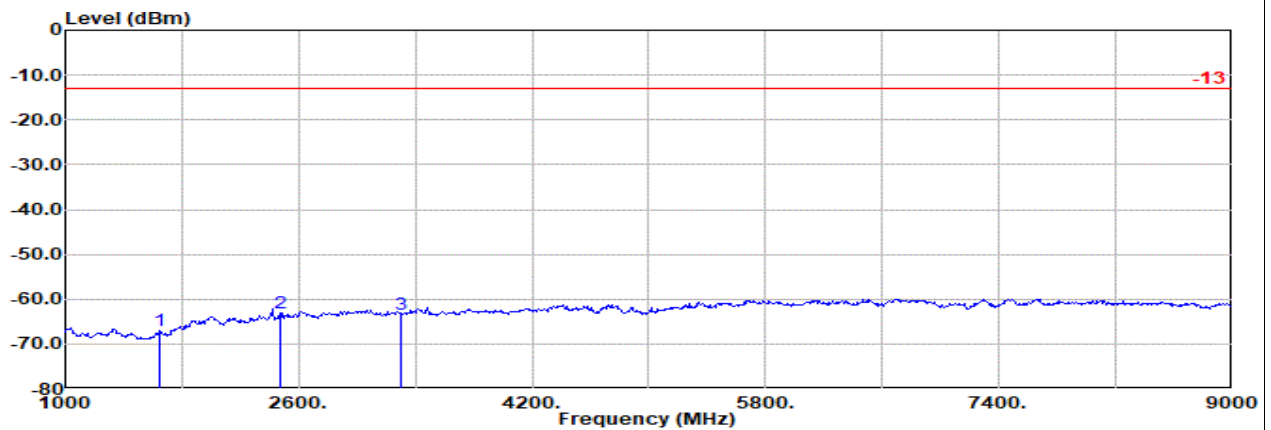


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NBIOT Band 5 3.75K CH20401 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1648.00	-66.76	RMS	28.68	-52.12	0.31	-95.23	51.60	-13.00	-53.76	Horizontal
2	2472.00	-62.27	RMS	32.10	-50.41	0.30	-95.23	50.97	-13.00	-49.27	Horizontal
3	3296.00	-63.05	RMS	32.79	-49.21	0.14	-95.23	48.46	-13.00	-50.05	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NBIOT Band 5 3.75K CH20401 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1648.00	-67.14	RMS	28.68	-52.12	0.31	-95.23	51.22	-13.00	-54.14	Vertical
2	2472.00	-62.99	RMS	32.10	-50.41	0.30	-95.23	50.25	-13.00	-49.99	Vertical
3	3296.00	-63.26	RMS	32.79	-49.21	0.14	-95.23	48.25	-13.00	-50.26	Vertical

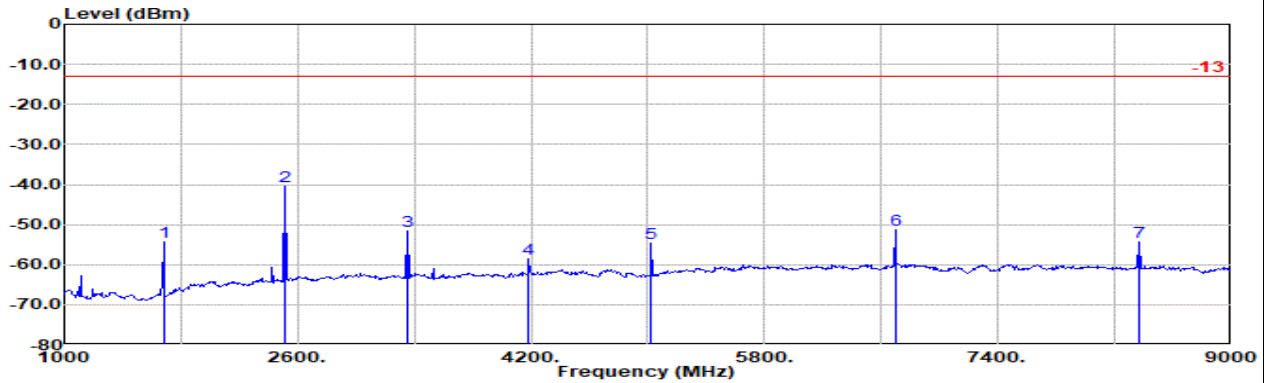


NB-IoT

Part 22H Mode 2

NB-IoT B5 3.75k Ch20525 1RB0 BPSK

M

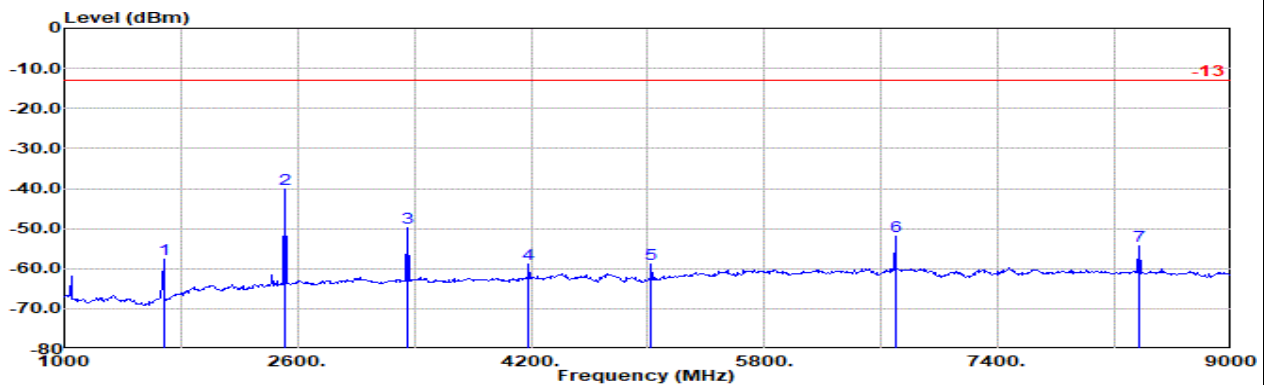


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NBIOT Band 5 3.75K CH20525 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1680.00	-54.39	RMS	28.70	-52.04	0.31	-95.23	63.87	-13.00	-41.39	Horizontal
2	2512.00	-40.57	RMS	32.42	-50.34	0.24	-95.23	72.34	-13.00	-27.57	Horizontal
3	3352.00	-51.68	RMS	32.91	-49.16	0.15	-95.23	59.65	-13.00	-38.68	Horizontal
4	4184.00	-58.50	RMS	33.63	-48.55	0.42	-95.23	51.23	-13.00	-45.50	Horizontal
5	5024.00	-54.53	RMS	34.21	-46.50	0.24	-95.23	52.75	-13.00	-41.53	Horizontal
6	6696.00	-51.23	RMS	35.59	-42.48	0.67	-95.23	50.22	-13.00	-38.23	Horizontal
7	8368.00	-54.41	RMS	35.70	-42.19	0.18	-95.23	47.13	-13.00	-41.41	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NBIOT Band 5 3.75K CH20525 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1680.00	-57.70	RMS	28.70	-52.04	0.31	-95.23	60.56	-13.00	-44.70	Vertical
2	2512.00	-40.30	RMS	32.42	-50.34	0.24	-95.23	72.61	-13.00	-27.30	Vertical
3	3352.00	-49.85	RMS	32.91	-49.16	0.15	-95.23	61.48	-13.00	-36.85	Vertical
4	4184.00	-58.88	RMS	33.63	-48.55	0.42	-95.23	50.85	-13.00	-45.88	Vertical
5	5024.00	-58.88	RMS	34.21	-46.50	0.24	-95.23	48.40	-13.00	-45.88	Vertical
6	6696.00	-51.97	RMS	35.59	-42.48	0.67	-95.23	49.48	-13.00	-38.97	Vertical
7	8368.00	-54.40	RMS	35.70	-42.19	0.18	-95.23	47.14	-13.00	-41.40	Vertical

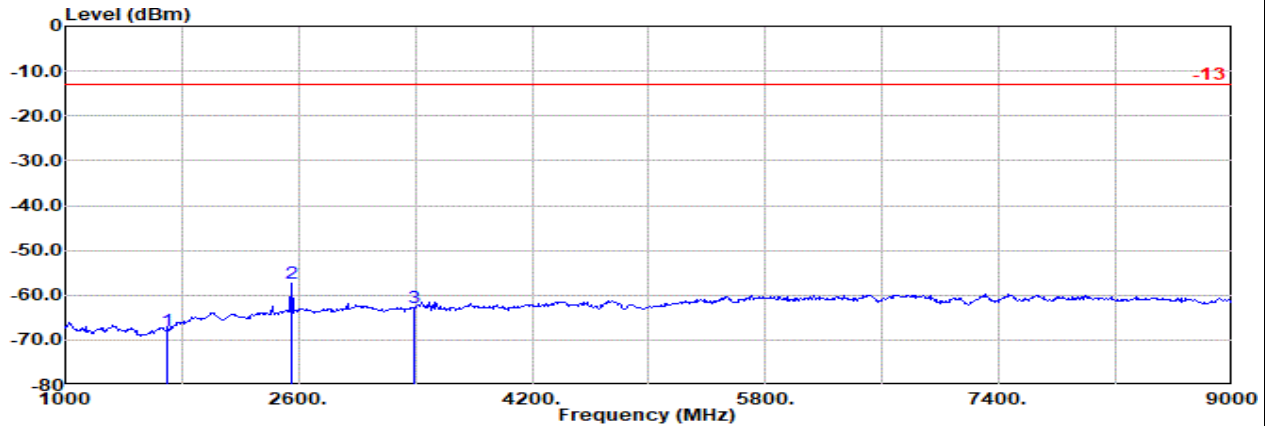


NB-IoT

Part 22H Mode 2

NB-IoT B5 3.75k Ch20649 1RB0 BPSK

H

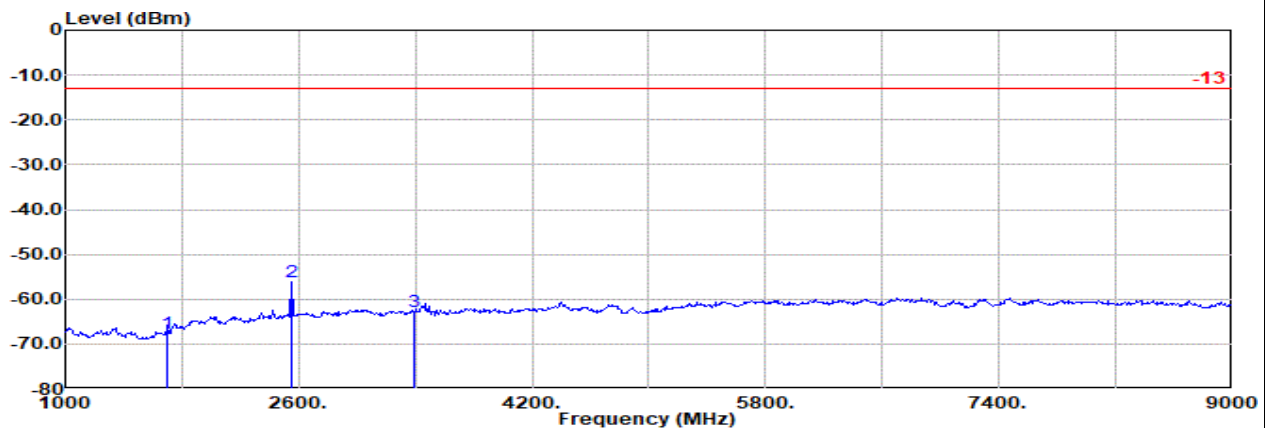


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NBIOT Band 5 3.75K CH20649 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm						g		dB	
1	1698.00	-67.81	RMS	28.78	-52.00	0.31	-95.23	50.33	-13.00	-54.81	Horizontal
2	2552.00	-57.44	RMS	32.62	-50.26	0.19	-95.23	55.24	-13.00	-44.44	Horizontal
3	3396.00	-62.85	RMS	33.08	-49.13	0.15	-95.23	48.28	-13.00	-49.85	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NBIOT Band 5 3.75K CH20649 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm						g		dB	
1	1698.00	-67.60	RMS	28.78	-52.00	0.31	-95.23	50.54	-13.00	-54.60	Vertical
2	2552.00	-56.11	RMS	32.62	-50.26	0.19	-95.23	56.57	-13.00	-43.11	Vertical
3	3396.00	-62.76	RMS	33.08	-49.13	0.15	-95.23	48.37	-13.00	-49.76	Vertical

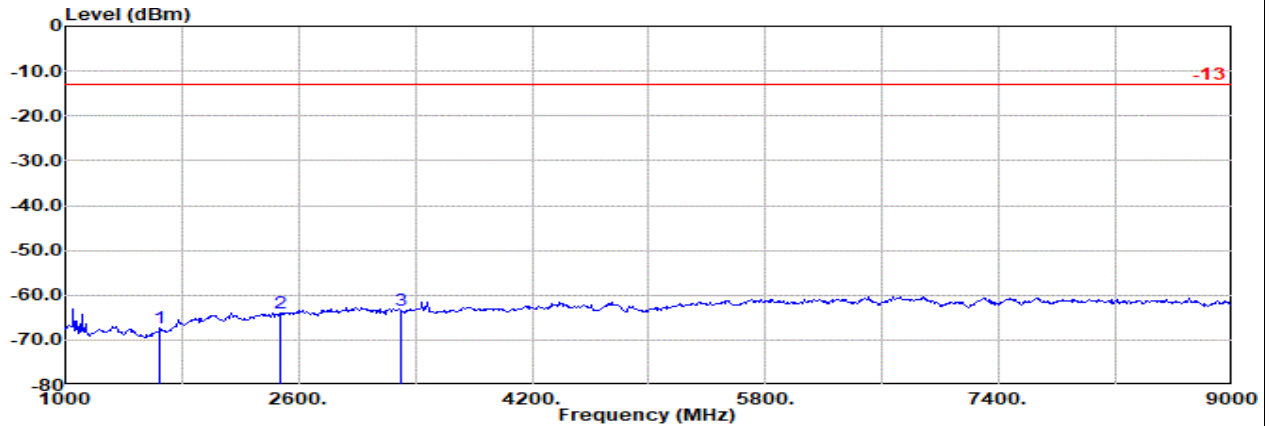


NB-IoT

Part 22H Mode 4

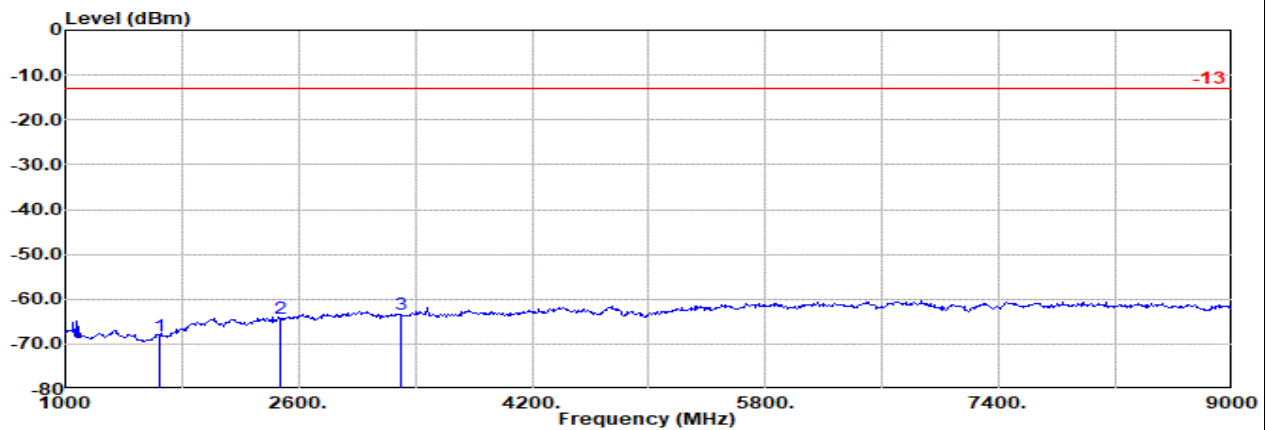
NB-IoT B26 15k Ch26791 1RB0 BPSK

L



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Horizontal
Mode : NB IoT Band 26 15k CH26791 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1648.00	-67.27	RMS	28.68	-52.12	0.31	-95.23	51.09	-13.00	-54.27	Horizontal
2	2472.00	-64.08	RMS	32.10	-50.41	0.30	-95.23	49.16	-13.00	-51.08	Horizontal
3	3296.00	-63.53	RMS	32.79	-49.21	0.14	-95.23	47.98	-13.00	-50.53	Horizontal



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Vertical
Mode : NB IoT Band 26 15k CH26791 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1648.00	-68.21	RMS	28.68	-52.12	0.31	-95.23	50.15	-13.00	-55.21	Vertical
2	2472.00	-64.24	RMS	32.10	-50.41	0.30	-95.23	49.00	-13.00	-51.24	Vertical
3	3296.00	-63.42	RMS	32.79	-49.21	0.14	-95.23	48.09	-13.00	-50.42	Vertical

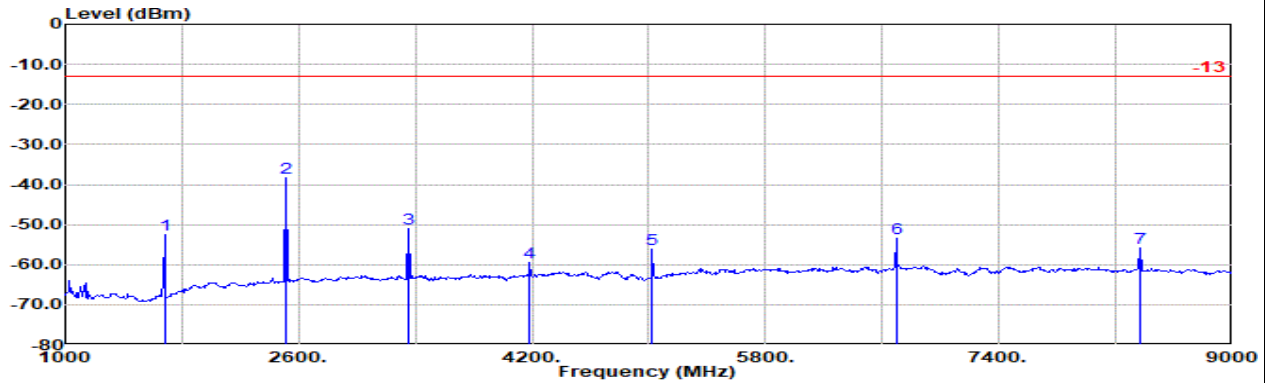


NB-IoT

Part 22H Mode 4

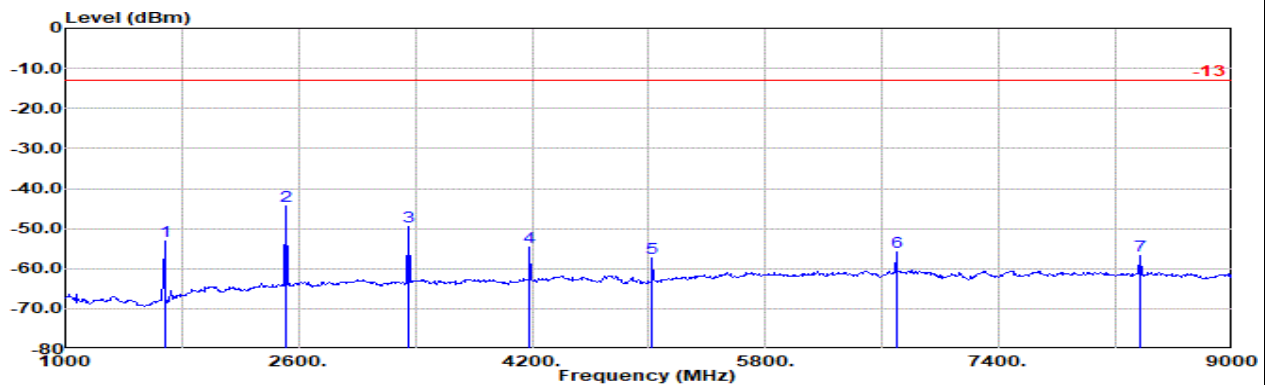
NB-IoT B26 15k Ch26915 1RB0 BPSK

M



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Horizontal
Mode : NB-IoT Band 26 15k CH26915 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1680.00	-52.55	RMS	28.70	-52.04	0.31	-95.23	65.71	-13.00	-39.55	Horizontal
2	2512.00	-38.25	RMS	32.42	-50.34	0.24	-95.23	74.66	-13.00	-25.25	Horizontal
3	3352.00	-51.15	RMS	32.91	-49.16	0.15	-95.23	60.18	-13.00	-38.15	Horizontal
4	4184.00	-59.50	RMS	33.63	-48.55	0.42	-95.23	50.23	-13.00	-46.50	Horizontal
5	5024.00	-56.16	RMS	34.21	-46.50	0.24	-95.23	51.12	-13.00	-43.16	Horizontal
6	6696.00	-53.44	RMS	35.59	-42.48	0.67	-95.23	48.01	-13.00	-40.44	Horizontal
7	8368.00	-55.89	RMS	35.70	-42.19	0.18	-95.23	45.65	-13.00	-42.89	Horizontal



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Vertical
Mode : NB-IoT Band 26 15k CH26915 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1680.00	-53.18	RMS	28.70	-52.04	0.31	-95.23	65.08	-13.00	-40.18	Vertical
2	2512.00	-44.33	RMS	32.42	-50.34	0.24	-95.23	68.58	-13.00	-31.33	Vertical
3	3352.00	-49.57	RMS	32.91	-49.16	0.15	-95.23	61.76	-13.00	-36.57	Vertical
4	4184.00	-54.73	RMS	33.63	-48.55	0.42	-95.23	55.00	-13.00	-41.73	Vertical
5	5024.00	-57.50	RMS	34.21	-46.50	0.24	-95.23	49.78	-13.00	-44.50	Vertical
6	6696.00	-55.73	RMS	35.59	-42.48	0.67	-95.23	45.72	-13.00	-42.73	Vertical
7	8368.00	-56.70	RMS	35.70	-42.19	0.18	-95.23	44.84	-13.00	-43.70	Vertical

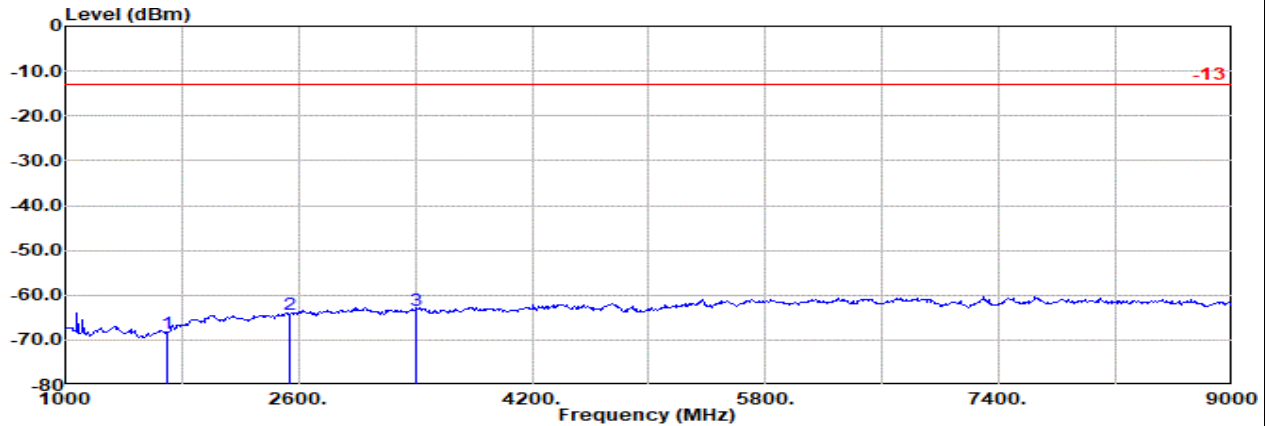


NB-IoT

Part 22H Mode 4

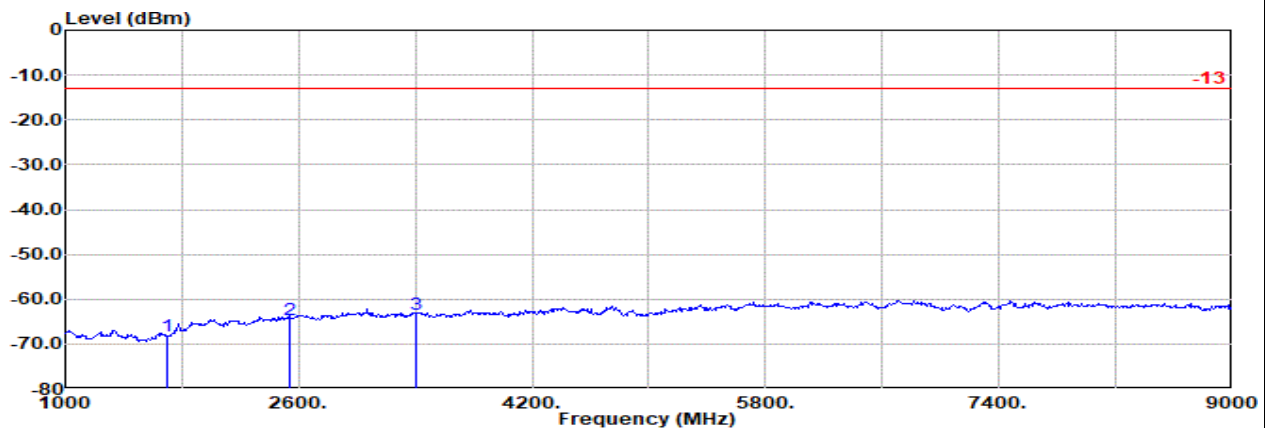
NB-IoT B26 15k Ch27039 1RB0 BPSK

H



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Horizontal
Mode : NB IoT Band 26 15k CH27039 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	1696.00	-68.63	RMS	28.76	-52.00	0.31	-95.23	49.53	-13.00	-55.63	Horizontal
2	2544.00	-64.29	RMS	32.54	-50.28	0.20	-95.23	48.48	-13.00	-51.29	Horizontal
3	3400.00	-63.38	RMS	33.10	-49.13	0.15	-95.23	47.73	-13.00	-50.38	Horizontal



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Vertical
Mode : NB IoT Band 26 15k CH27039 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	1696.00	-68.37	RMS	28.76	-52.00	0.31	-95.23	49.79	-13.00	-55.37	Vertical
2	2544.00	-64.50	RMS	32.54	-50.28	0.20	-95.23	48.27	-13.00	-51.50	Vertical
3	3400.00	-63.31	RMS	33.10	-49.13	0.15	-95.23	47.80	-13.00	-50.31	Vertical

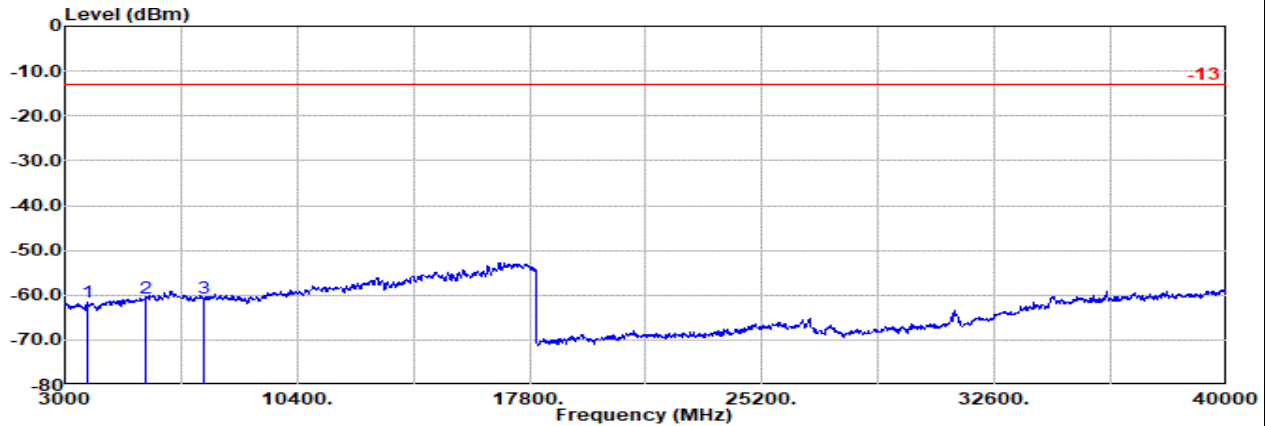


NB-IoT

Part 24E Mode 2

NB-IoT B2 15k Ch18601 1RB0 BPSK

L

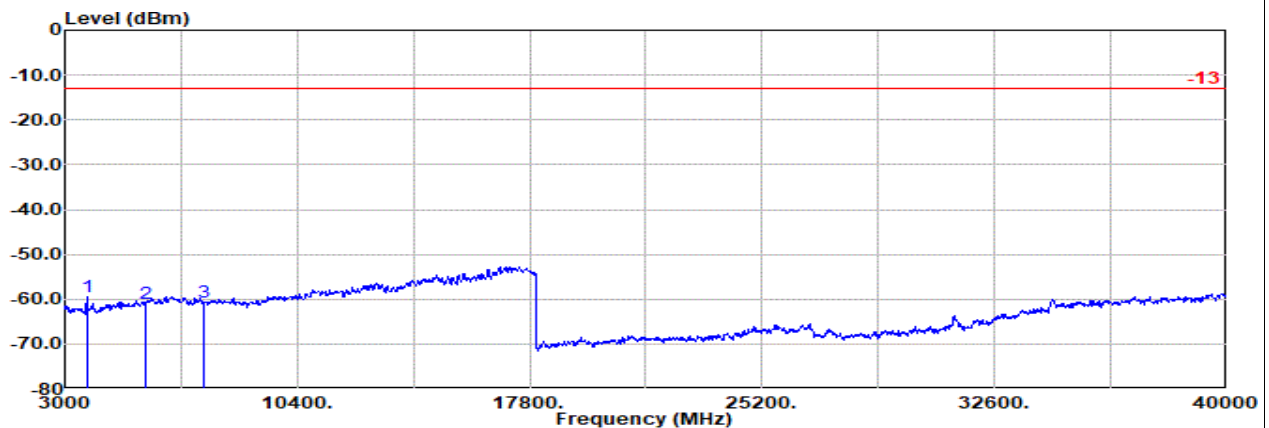


Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Horizontal

Mode : NBIOT Band 2 15K CH18601 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3700.00	-61.48	RMS	33.10	-49.01	0.67	-95.23	48.99	-13.00	-48.48	Horizontal
2	5550.00	-60.76	RMS	34.70	-44.10	0.51	-95.23	43.36	-13.00	-47.76	Horizontal
3	7400.00	-60.80	RMS	35.70	-42.98	0.31	-95.23	41.40	-13.00	-47.80	Horizontal



Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Vertical

Mode : NBIOT Band 2 15K CH18601 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3700.00	-59.48	RMS	33.10	-49.01	0.67	-95.23	50.99	-13.00	-46.48	Vertical
2	5550.00	-60.88	RMS	34.70	-44.10	0.51	-95.23	43.24	-13.00	-47.88	Vertical
3	7400.00	-60.81	RMS	35.70	-42.98	0.31	-95.23	41.39	-13.00	-47.81	Vertical

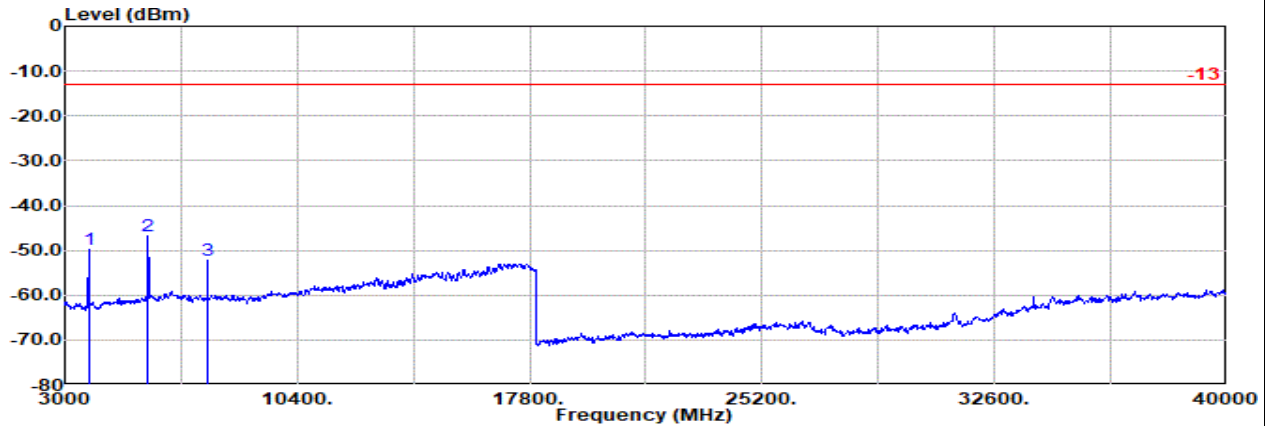


NB-IoT

Part 24E Mode 2

NB-IoT B2 15k Ch18900 1RB0 BPSK

M

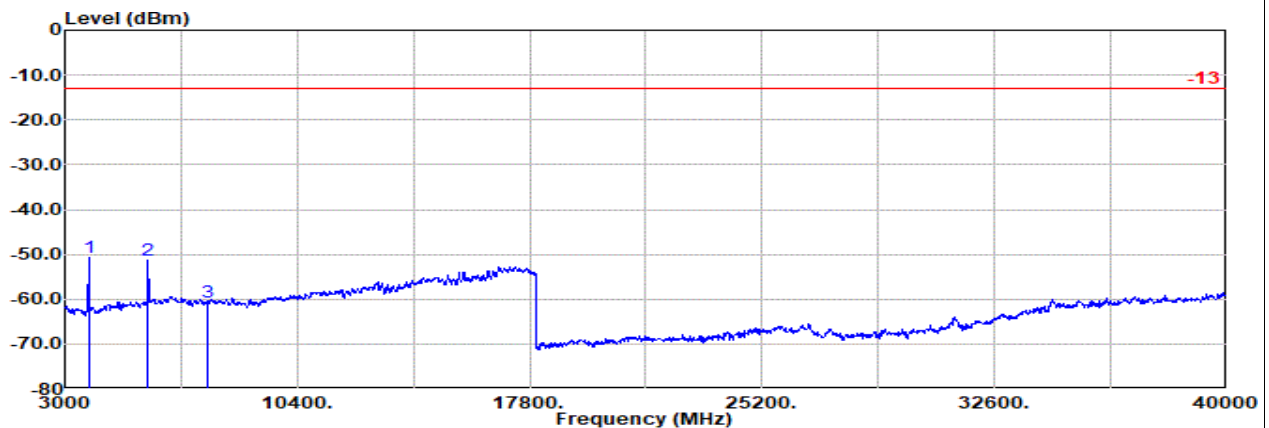


Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Horizontal

Mode : NBIOT Band 2 15K CH18900 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3765.00	-49.93	RMS	33.26	-48.94	0.67	-95.23	60.31	-13.00	-36.93	Horizontal
2	5640.00	-46.72	RMS	34.94	-43.86	0.47	-95.23	56.96	-13.00	-33.72	Horizontal
3	7530.00	-52.33	RMS	35.62	-43.01	0.34	-95.23	49.95	-13.00	-39.33	Horizontal



Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Vertical

Mode : NBIOT Band 2 15K CH18900 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3765.00	-50.59	RMS	33.26	-48.94	0.67	-95.23	59.65	-13.00	-37.59	Vertical
2	5640.00	-51.43	RMS	34.94	-43.86	0.47	-95.23	52.25	-13.00	-38.43	Vertical
3	7530.00	-60.70	RMS	35.62	-43.01	0.34	-95.23	41.58	-13.00	-47.70	Vertical

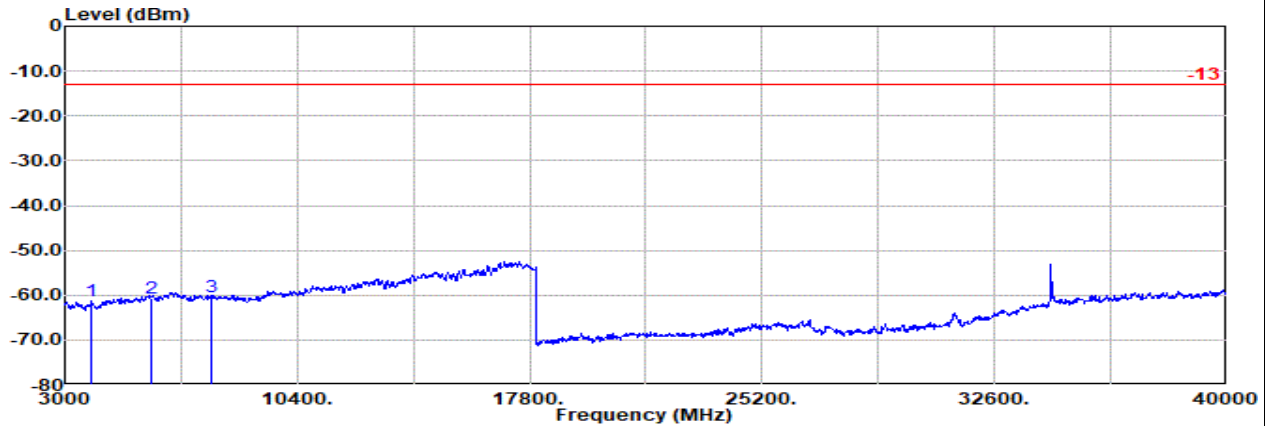


NB-IoT

Part 24E Mode 2

NB-IoT B2 15k Ch19199 1RB0 BPSK

H

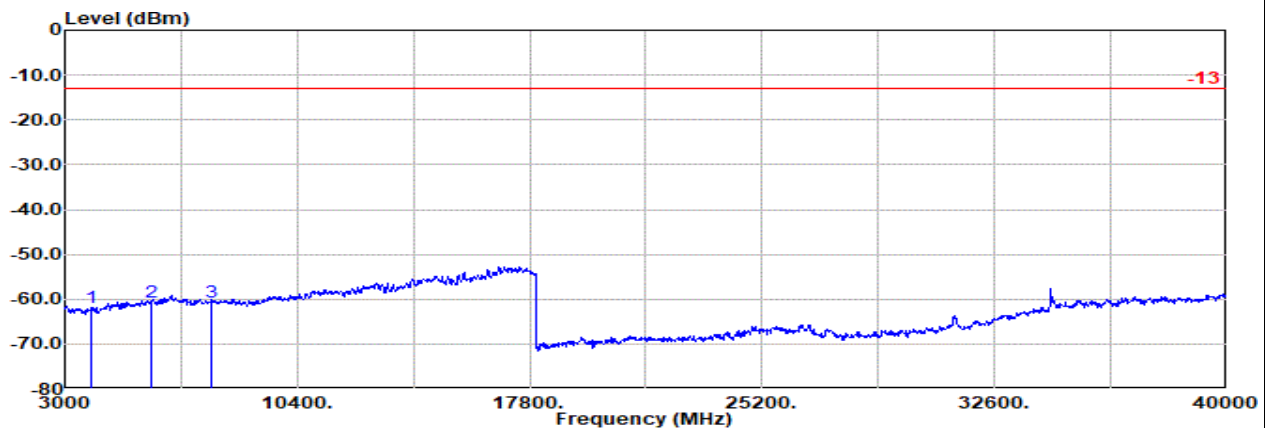


Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Horizontal

Mode : NBIOT Band 2 15K CH19199 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3820.00	-61.31	RMS	33.44	-48.90	0.66	-95.23	48.72	-13.00	-48.31	Horizontal
2	5730.00	-60.54	RMS	35.20	-43.60	0.35	-95.23	42.74	-13.00	-47.54	Horizontal
3	7640.00	-60.44	RMS	35.90	-42.88	0.35	-95.23	41.42	-13.00	-47.44	Horizontal



Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Vertical

Mode : NBIOT Band 2 15K CH19199 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3820.00	-62.01	RMS	33.44	-48.90	0.66	-95.23	48.02	-13.00	-49.01	Vertical
2	5730.00	-60.74	RMS	35.20	-43.60	0.35	-95.23	42.54	-13.00	-47.74	Vertical
3	7640.00	-60.73	RMS	35.90	-42.88	0.35	-95.23	41.13	-13.00	-47.73	Vertical

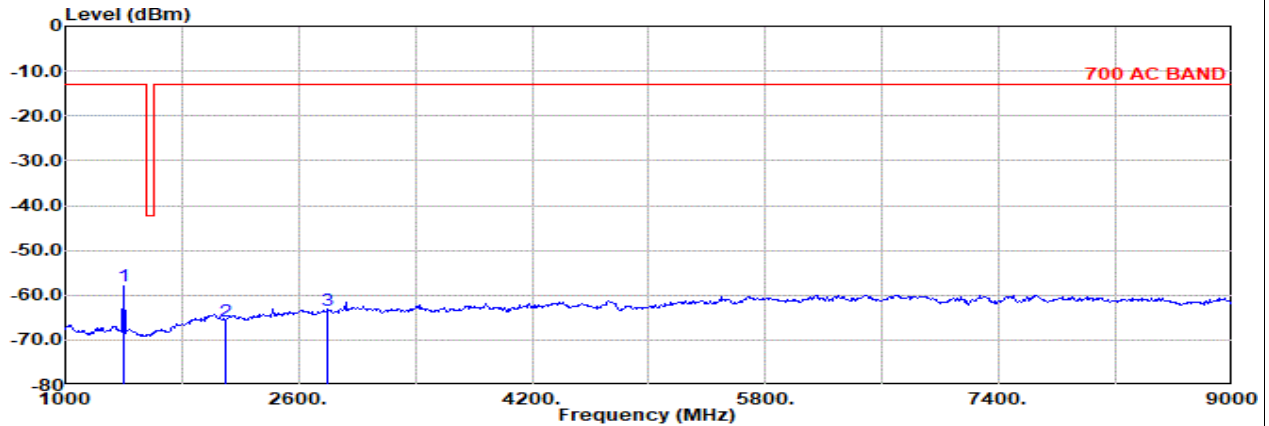


NB-IoT

Part 27H Mode 2

NB-IoT B12 3.75k Ch23011 1RB0 BPSK

L

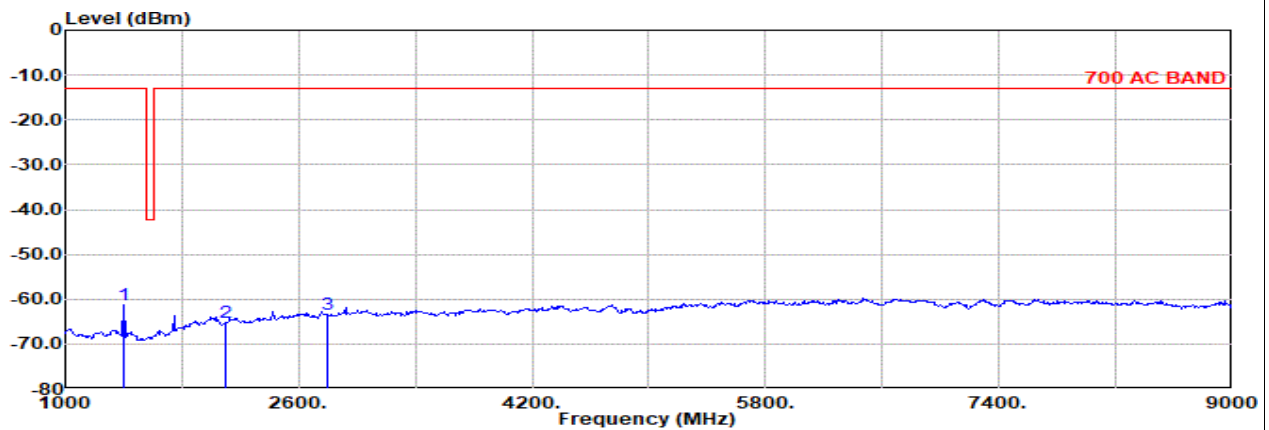


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : NBIOT Band 12 3.75K CH23011 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	1398.00	-58.11	RMS	28.66	-52.80	0.42	-95.23	60.84	-13.00	-45.11	Horizontal
2	2097.00	-65.78	RMS	31.74	-51.10	0.23	-95.23	48.58	-13.00	-52.78	Horizontal
3	2796.00	-63.35	RMS	32.36	-49.68	0.26	-95.23	48.94	-13.00	-50.35	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : NBIOT Band 12 3.75K CH23011 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	1398.00	-61.34	RMS	28.66	-52.80	0.42	-95.23	57.61	-13.00	-48.34	Vertical
2	2097.00	-65.34	RMS	31.74	-51.10	0.23	-95.23	49.02	-13.00	-52.34	Vertical
3	2796.00	-63.25	RMS	32.36	-49.68	0.26	-95.23	49.04	-13.00	-50.25	Vertical

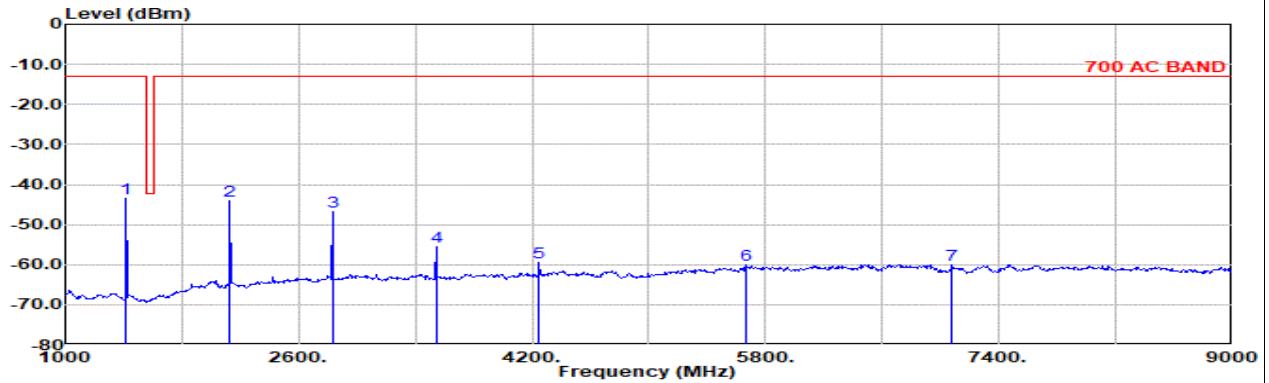


NB-IoT

Part 27H Mode 2

NB-IoT B12 3.7k Ch23095 1RB0 BPSK

M

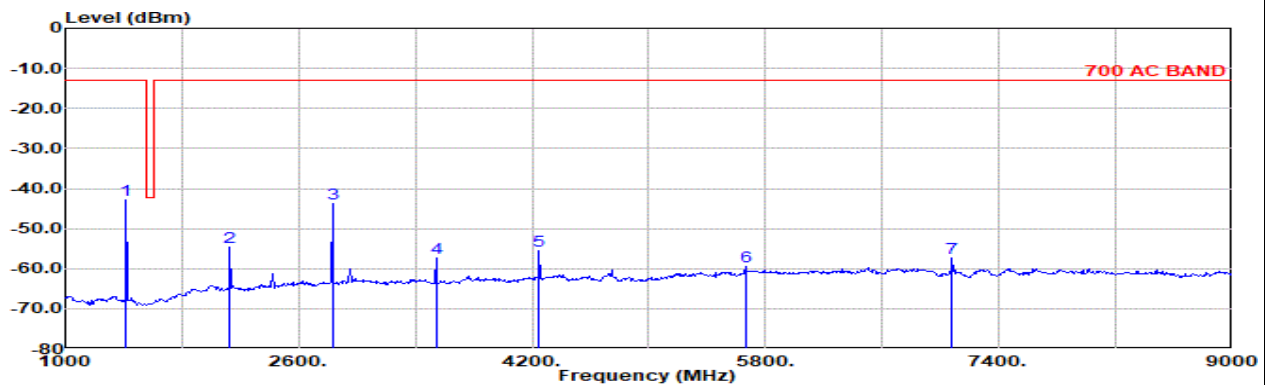


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : NBIOT Band 12 3.75K CH23095 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	1416.00	-43.43	RMS		28.50	-52.75	0.41	-95.23	75.64	-13.00	-30.43 Horizontal
2	2128.00	-44.15	RMS		31.98	-51.04	0.22	-95.23	69.92	-13.00	-31.15 Horizontal
3	2832.00	-46.92	RMS		32.40	-49.63	0.26	-95.23	65.28	-13.00	-33.92 Horizontal
4	3544.00	-55.62	RMS		32.62	-49.12	0.25	-95.23	55.86	-13.00	-42.62 Horizontal
5	4248.00	-59.44	RMS		33.70	-48.41	0.37	-95.23	50.13	-13.00	-46.44 Horizontal
6	5664.00	-60.12	RMS		35.06	-43.79	0.40	-95.23	43.44	-13.00	-47.12 Horizontal
7	7080.00	-60.13	RMS		35.60	-43.01	0.34	-95.23	42.17	-13.00	-47.13 Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : NBIOT Band 12 3.75K CH23095 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	1416.00	-42.78	RMS		28.50	-52.75	0.41	-95.23	76.29	-13.00	-29.78 Vertical
2	2128.00	-54.65	RMS		31.98	-51.04	0.22	-95.23	59.42	-13.00	-41.65 Vertical
3	2832.00	-43.77	RMS		32.40	-49.63	0.26	-95.23	68.43	-13.00	-30.77 Vertical
4	3544.00	-57.25	RMS		32.62	-49.12	0.25	-95.23	54.23	-13.00	-44.25 Vertical
5	4248.00	-55.53	RMS		33.70	-48.41	0.37	-95.23	54.04	-13.00	-42.53 Vertical
6	5664.00	-59.37	RMS		35.06	-43.79	0.40	-95.23	44.19	-13.00	-46.37 Vertical
7	7080.00	-57.39	RMS		35.60	-43.01	0.34	-95.23	44.91	-13.00	-44.39 Vertical

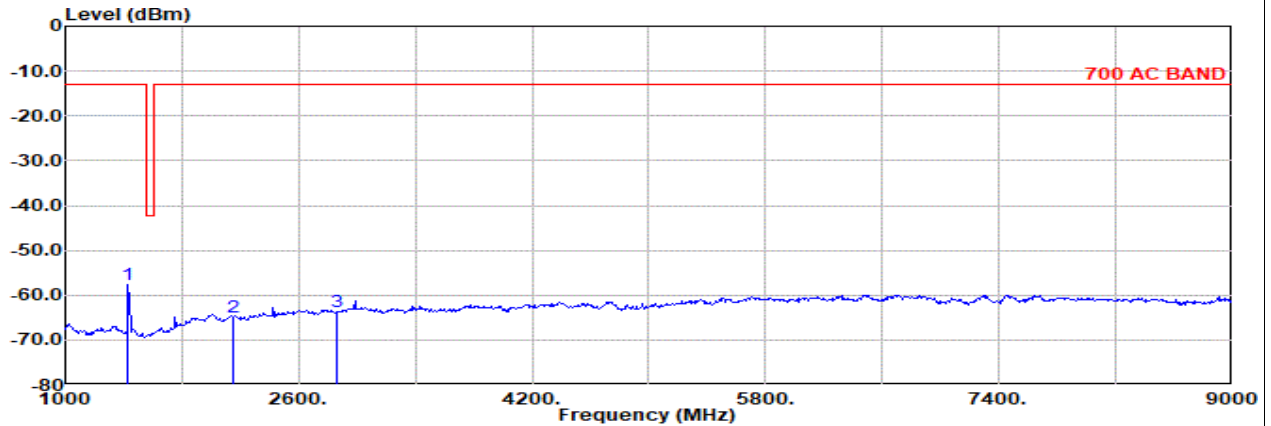


NB-IoT

Part 27H Mode 2

NB-IoT B12 3.75k Ch23179 1RB0 BPSK

H

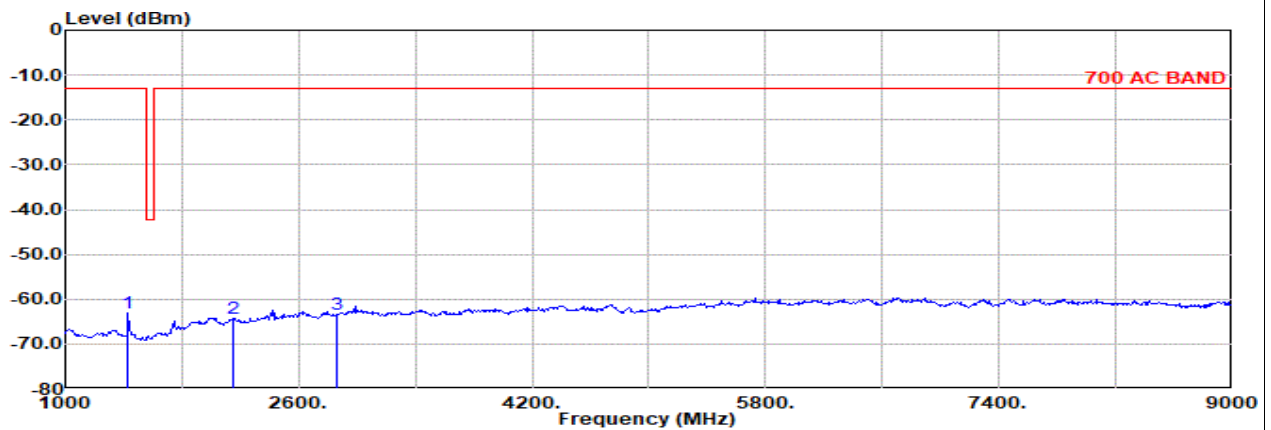


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : NBIOT Band 12 3.75K CH23179 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm						g		dB	
1	1432.00	-57.72	RMS	28.50	-52.70	0.40	-95.23	61.31	-13.00	-44.72	Horizontal
2	2148.00	-64.80	RMS	32.00	-51.00	0.21	-95.23	49.22	-13.00	-51.80	Horizontal
3	2864.00	-63.65	RMS	32.60	-49.58	0.26	-95.23	48.30	-13.00	-50.65	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : NBIOT Band 12 3.75K CH23179 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm						g		dB	
1	1432.00	-63.22	RMS	28.50	-52.70	0.40	-95.23	55.81	-13.00	-50.22	Vertical
2	2148.00	-64.37	RMS	32.00	-51.00	0.21	-95.23	49.65	-13.00	-51.37	Vertical
3	2864.00	-63.25	RMS	32.60	-49.58	0.26	-95.23	48.70	-13.00	-50.25	Vertical

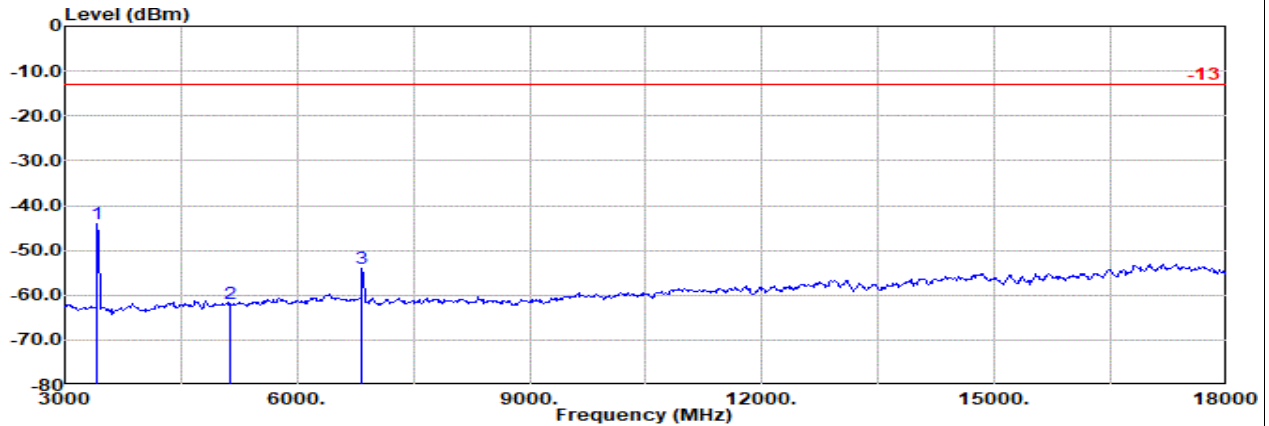


NB-IoT

Part 27L Mode 2

NB-IoT B4 3.75k Ch19951 1RB0 BPSK

L

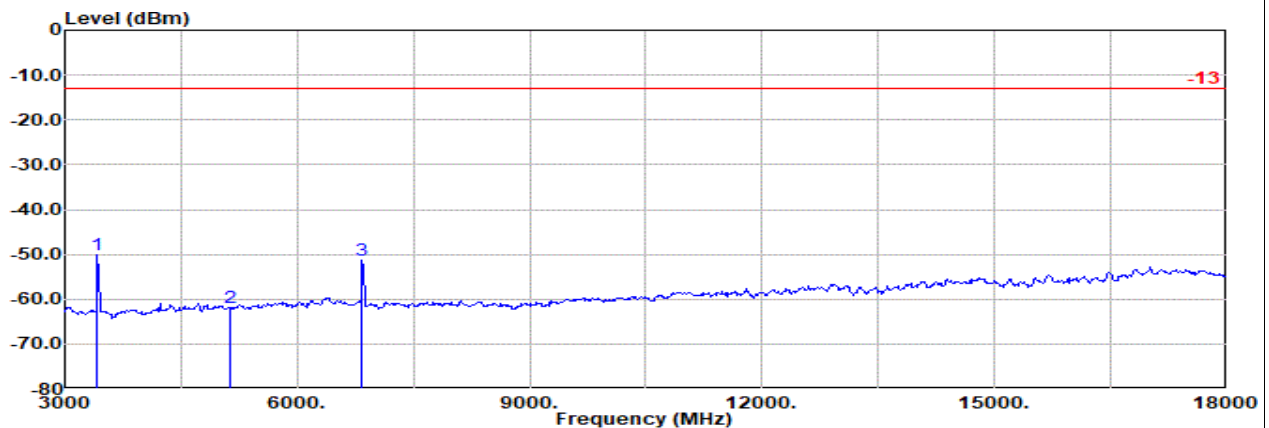


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NB-IoT Band 4 3.75k CH19951 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3420.00	-44.09	RMS	33.10	-49.13	0.80	-95.23	66.37	-13.00	-31.09	Horizontal
2	5130.00	-61.82	RMS	34.18	-45.94	0.46	-95.23	44.71	-13.00	-48.82	Horizontal
3	6840.00	-54.08	RMS	35.72	-42.74	0.65	-95.23	47.52	-13.00	-41.08	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NB-IoT Band 4 3.75k CH19951 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3420.00	-50.11	RMS	33.10	-49.13	0.80	-95.23	60.35	-13.00	-37.11	Vertical
2	5130.00	-61.79	RMS	34.18	-45.94	0.46	-95.23	44.74	-13.00	-48.79	Vertical
3	6840.00	-51.29	RMS	35.72	-42.74	0.65	-95.23	50.31	-13.00	-38.29	Vertical

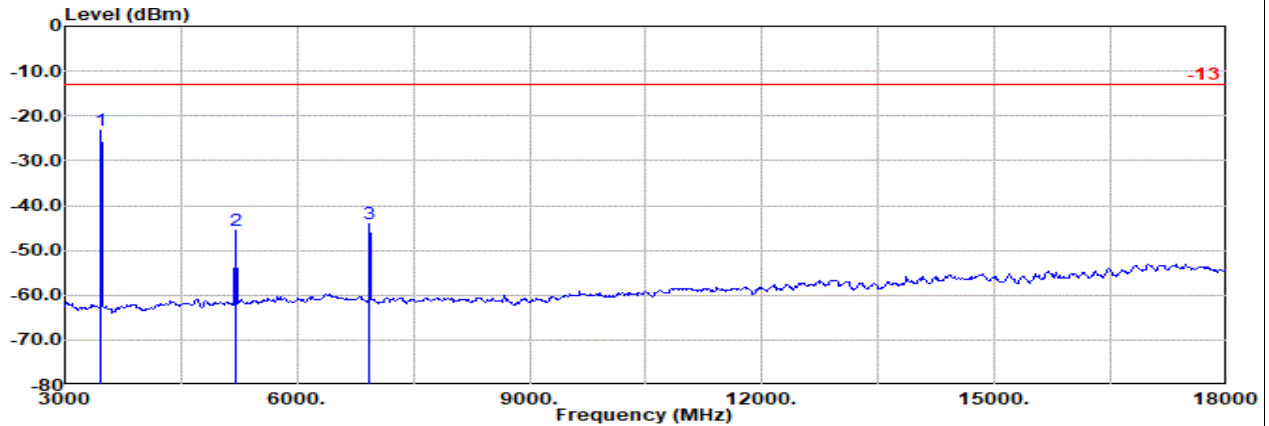


NB-IoT

Part 27L Mode 2

NB-IoT B4 3.75k Ch20175 1RB0 BPSK

M

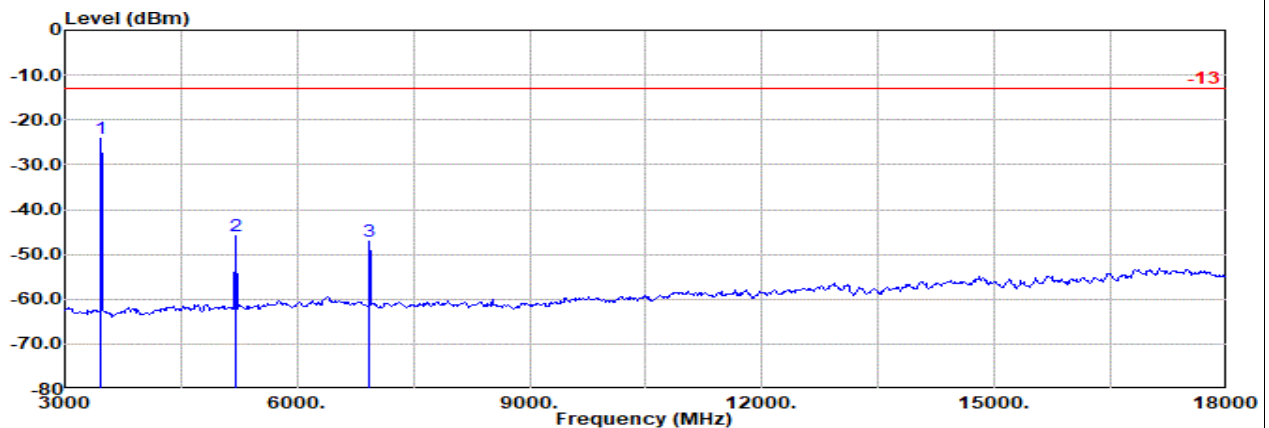


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NB-IoT Band 4 3.75k CH20175 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm						dBuV	dBm	dB	
1	3465.00	-23.12	RMS	33.01	-49.13	0.76	-95.23	87.47	-13.00	-10.12	Horizontal
2	5205.00	-45.58	RMS	34.52	-45.54	0.31	-95.23	60.36	-13.00	-32.58	Horizontal
3	6930.00	-43.94	RMS	35.76	-42.89	0.36	-95.23	58.06	-13.00	-30.94	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NB-IoT Band 4 3.75k CH20175 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm						dBuV	dBm	dB	
1	3465.00	-24.08	RMS	33.01	-49.13	0.76	-95.23	86.51	-13.00	-11.08	Vertical
2	5205.00	-45.77	RMS	34.52	-45.54	0.31	-95.23	60.17	-13.00	-32.77	Vertical
3	6930.00	-47.08	RMS	35.76	-42.89	0.36	-95.23	54.92	-13.00	-34.08	Vertical

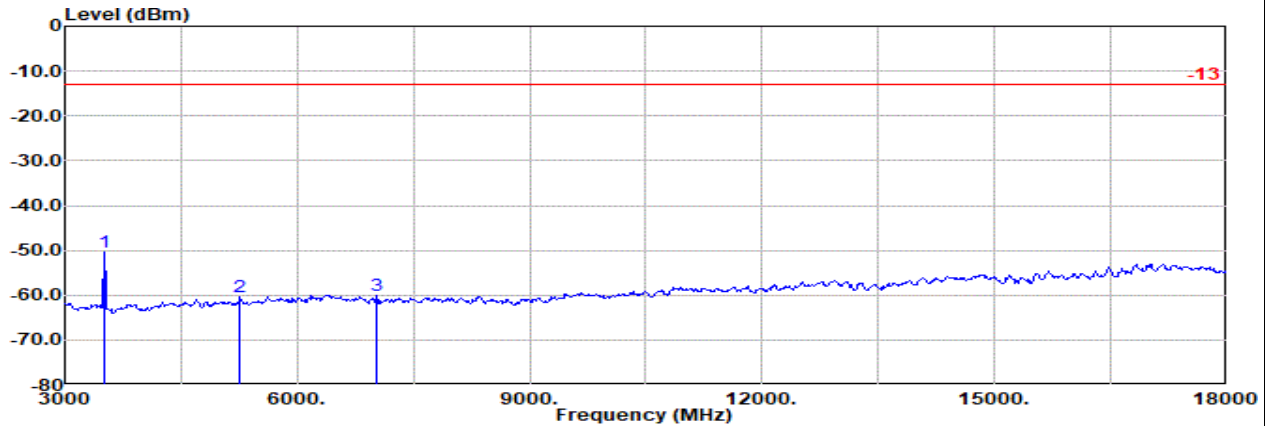


NB-IoT

Part 27L Mode 2

NB-IoT B4 3.75k Ch20399 1RB0 BPSK

H

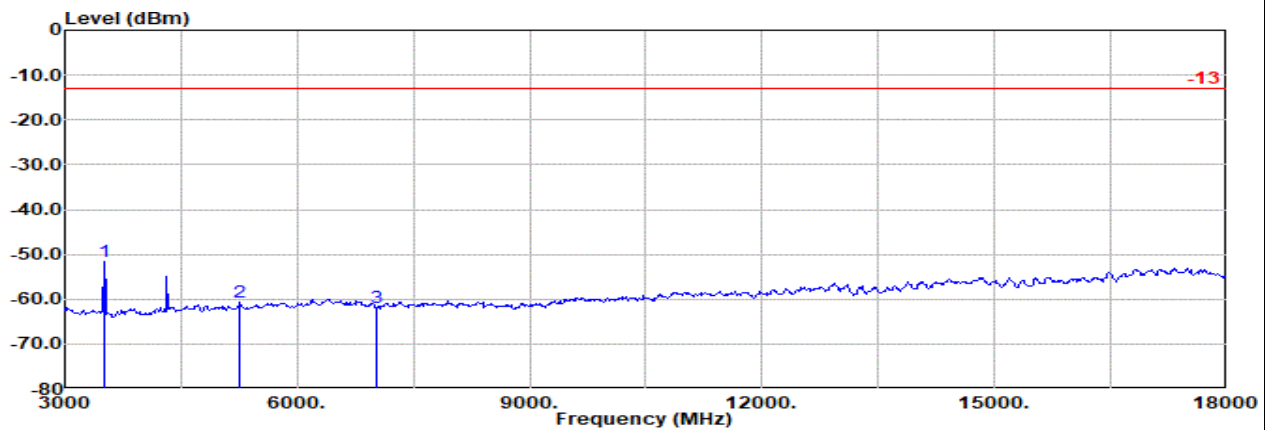


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NB-IoT Band 4 3.75k CH20399 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm						g			
1	3510.00	-50.30	RMS	32.76	-49.13	0.73	-95.23	60.57	-13.00	-37.30	Horizontal
2	5265.00	-60.33	RMS	34.67	-45.29	0.35	-95.23	45.17	-13.00	-47.33	Horizontal
3	7020.00	-60.12	RMS	35.66	-43.00	0.18	-95.23	42.27	-13.00	-47.12	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NB-IoT Band 4 3.75k CH20399 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm						g			
1	3510.00	-51.66	RMS	32.76	-49.13	0.73	-95.23	59.21	-13.00	-38.66	Vertical
2	5265.00	-60.78	RMS	34.67	-45.29	0.35	-95.23	44.72	-13.00	-47.78	Vertical
3	7020.00	-61.85	RMS	35.66	-43.00	0.18	-95.23	40.54	-13.00	-48.85	Vertical

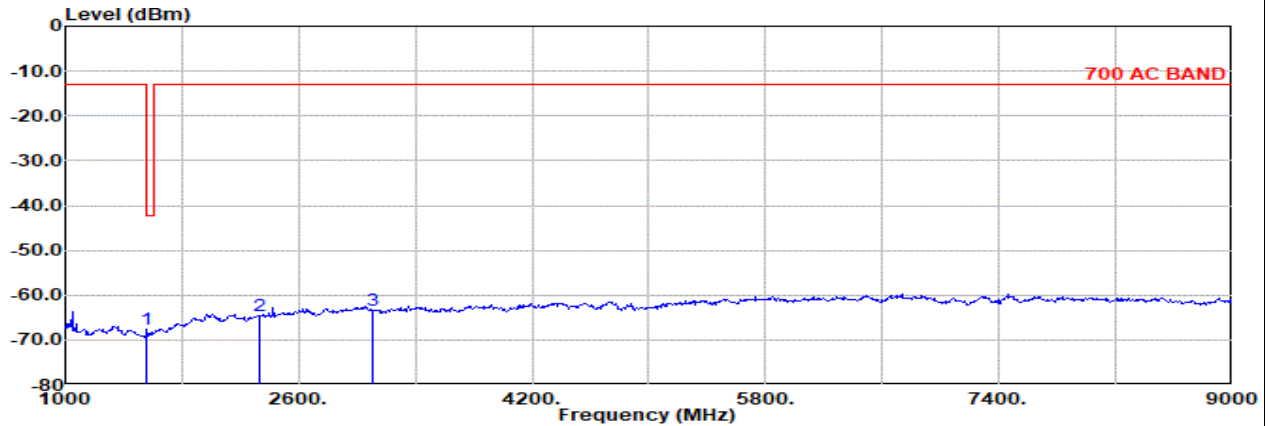


NB-IoT

Part 27F Mode 4

NB-IoT B13 15k Ch23181 1RB0 BPSK

L

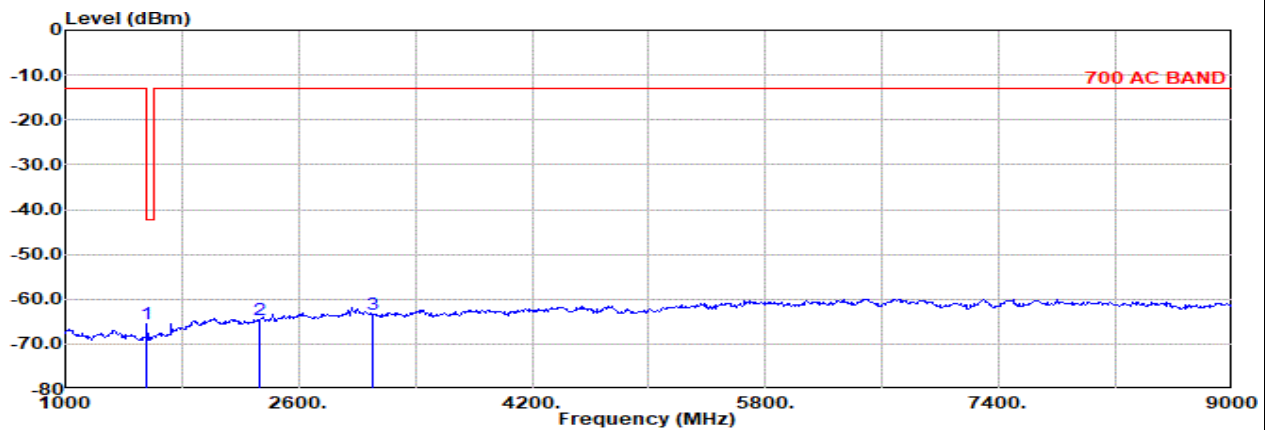


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : NBIOT Band 13 15K CH23181 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1554.00	-67.47	RMS	27.64	-52.36	0.34	-95.23	52.14	-13.00	-54.47	Horizontal
2	2331.00	-64.65	RMS	32.10	-50.66	0.32	-95.23	48.82	-13.00	-51.65	Horizontal
3	3108.00	-63.34	RMS	32.67	-49.33	0.19	-95.23	48.36	-13.00	-50.34	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : NBIOT Band 13 15K CH23181 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1554.00	-65.60	RMS	27.64	-52.36	0.34	-95.23	54.01	-13.00	-52.60	Vertical
2	2331.00	-64.51	RMS	32.10	-50.66	0.32	-95.23	48.96	-13.00	-51.51	Vertical
3	3108.00	-63.41	RMS	32.67	-49.33	0.19	-95.23	48.29	-13.00	-50.41	Vertical

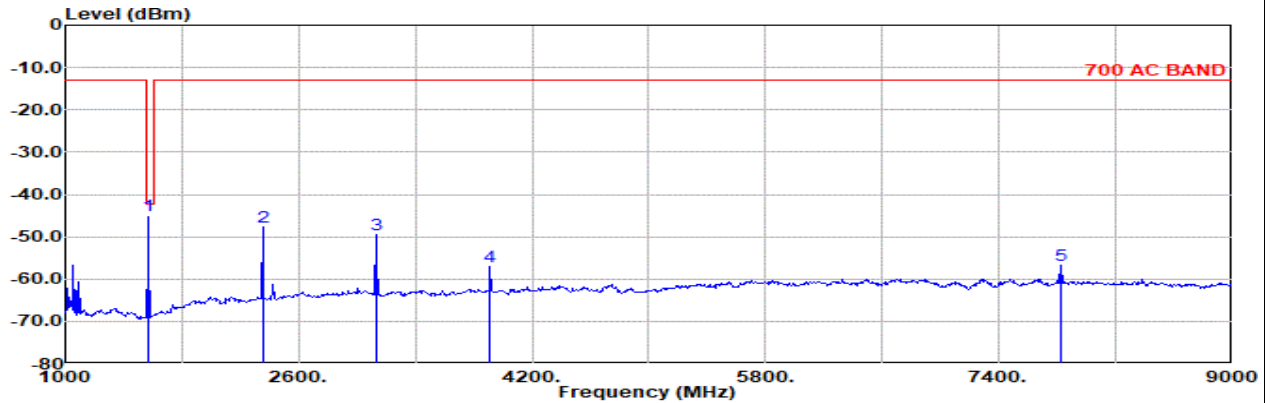


NB-IoT

Part 27F Mode 4

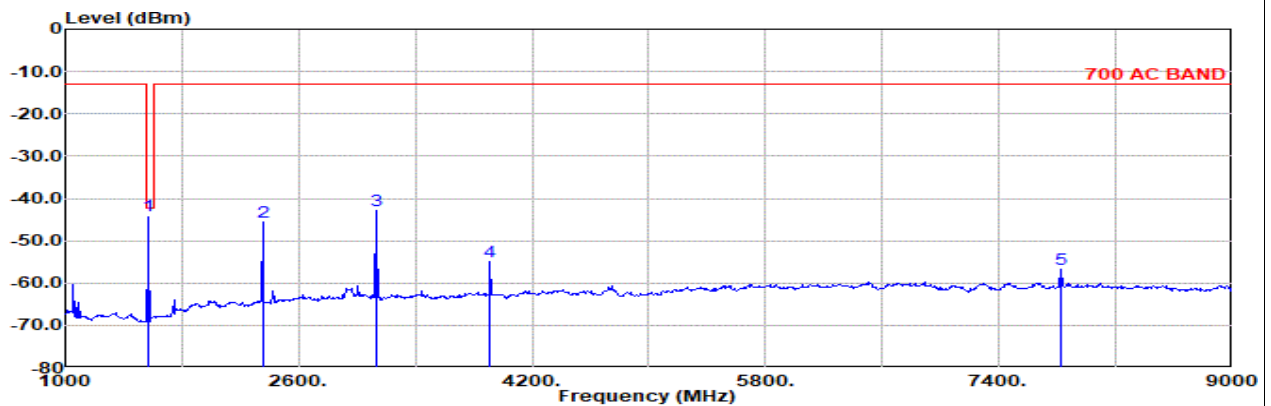
NB-IoT B13 15k Ch23230 1RB0 BPSK

M



Site : 03CH07-HY
Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal
Mode : NBIOT Band 13 15K CH23230 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm				dB/m	dB	dB	dB	dB	
1	1564.00	-44.84	RMS	27.70	-52.33	0.33	-95.23	74.69	-42.15	-2.69	Horizontal
2	2352.00	-47.55	RMS	32.08	-50.62	0.34	-95.23	65.88	-13.00	-34.55	Horizontal
3	3128.00	-49.62	RMS	32.59	-49.32	0.17	-95.23	62.17	-13.00	-36.62	Horizontal
4	3912.00	-56.91	RMS	33.38	-48.87	0.50	-95.23	53.31	-13.00	-43.91	Horizontal
5	7824.00	-56.86	RMS	35.85	-42.58	0.37	-95.23	44.73	-13.00	-43.86	Horizontal



Site : 03CH07-HY
Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical
Mode : NBIOT Band 13 15K CH23230 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm				dB/m	dB	dB	dB	dB	
1	1568.00	-44.21	RMS	27.70	-52.32	0.33	-95.23	75.31	-42.15	-2.06	Vertical
2	2352.00	-45.46	RMS	32.08	-50.62	0.34	-95.23	67.97	-13.00	-32.46	Vertical
3	3128.00	-42.73	RMS	32.59	-49.32	0.17	-95.23	69.06	-13.00	-29.73	Vertical
4	3912.00	-54.93	RMS	33.38	-48.87	0.50	-95.23	55.29	-13.00	-41.93	Vertical
5	7824.00	-56.79	RMS	35.85	-42.58	0.37	-95.23	44.80	-13.00	-43.79	Vertical

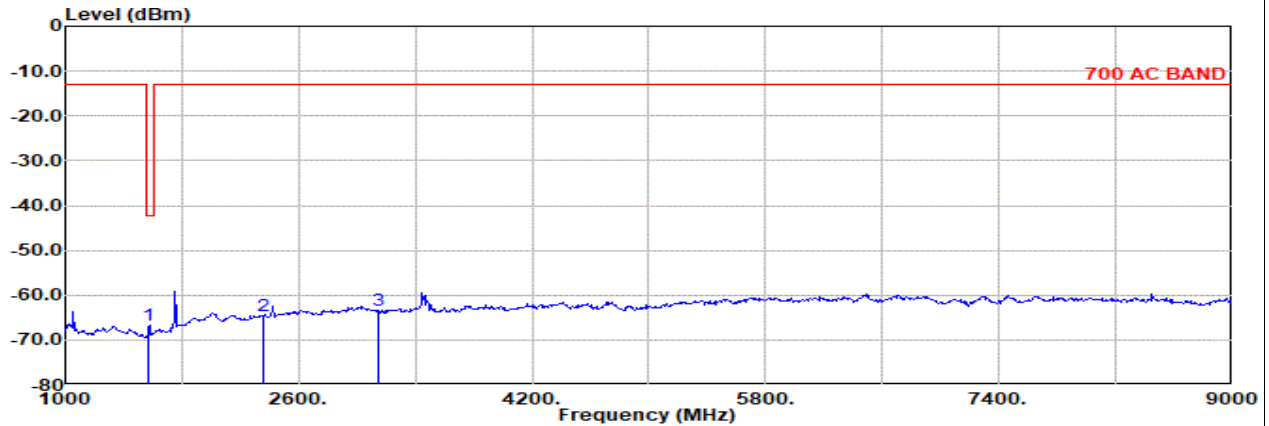


NB-IoT

Part 27F Mode 4

NB-IoT B13 15k Ch23279 1RB0 BPSK

H

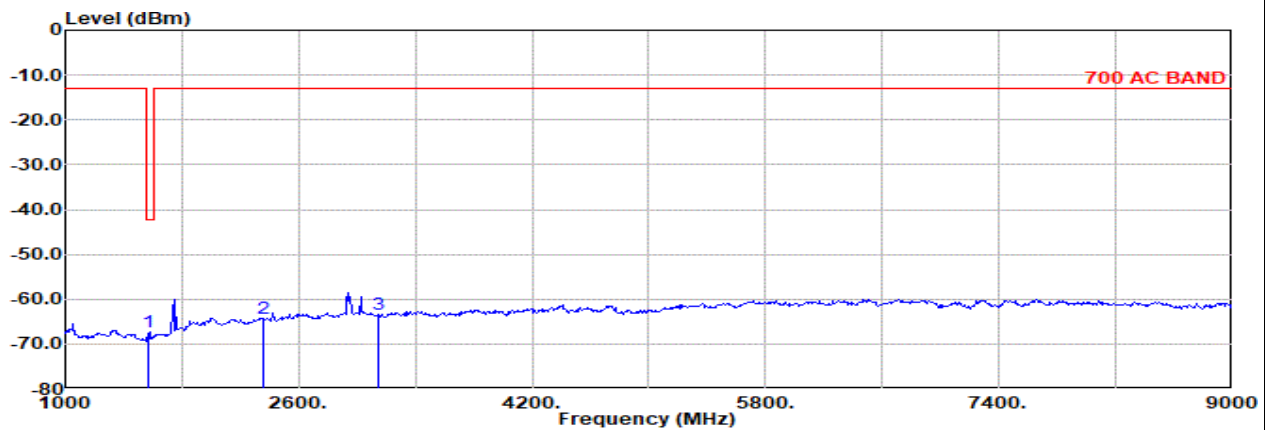


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : NBIOT Band 13 15K CH23279 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm									
1	1574.00	-66.74	RMS	27.70	-52.31	0.32	-95.23	52.78	-42.15	-24.59	Horizontal
2	2361.00	-64.57	RMS	31.99	-50.61	0.35	-95.23	48.93	-13.00	-51.57	Horizontal
3	3148.00	-63.52	RMS	32.51	-49.31	0.16	-95.23	48.35	-13.00	-50.52	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : NBIOT Band 13 15K CH23279 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm									
1	1574.00	-67.30	RMS	27.70	-52.31	0.32	-95.23	52.22	-42.15	-25.15	Vertical
2	2361.00	-64.18	RMS	31.99	-50.61	0.35	-95.23	49.32	-13.00	-51.18	Vertical
3	3148.00	-63.43	RMS	32.51	-49.31	0.16	-95.23	48.44	-13.00	-50.43	Vertical

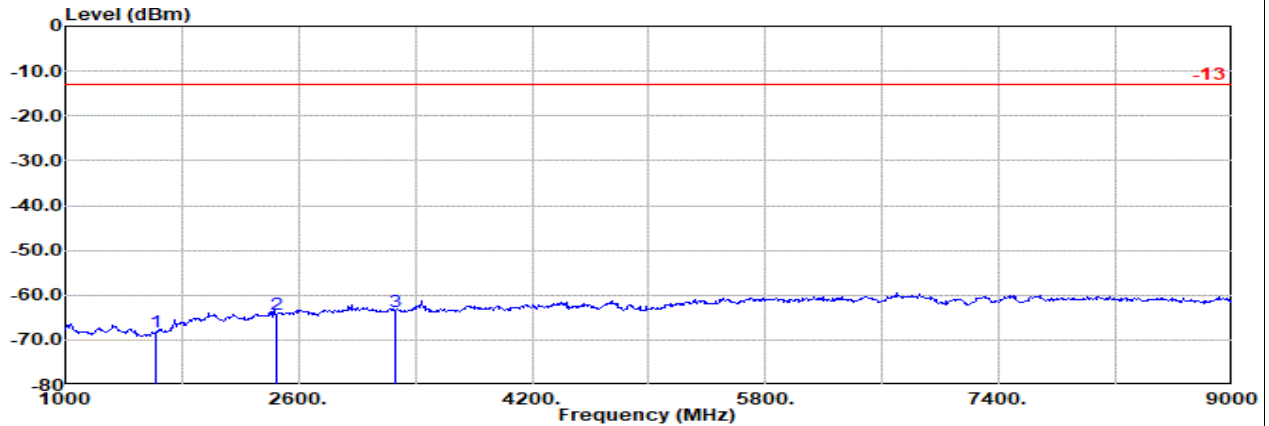


NB-IoT

Part 90S Mode 2

NB-IoT B26 3.75k Ch26691 1RB47 QPSK

L

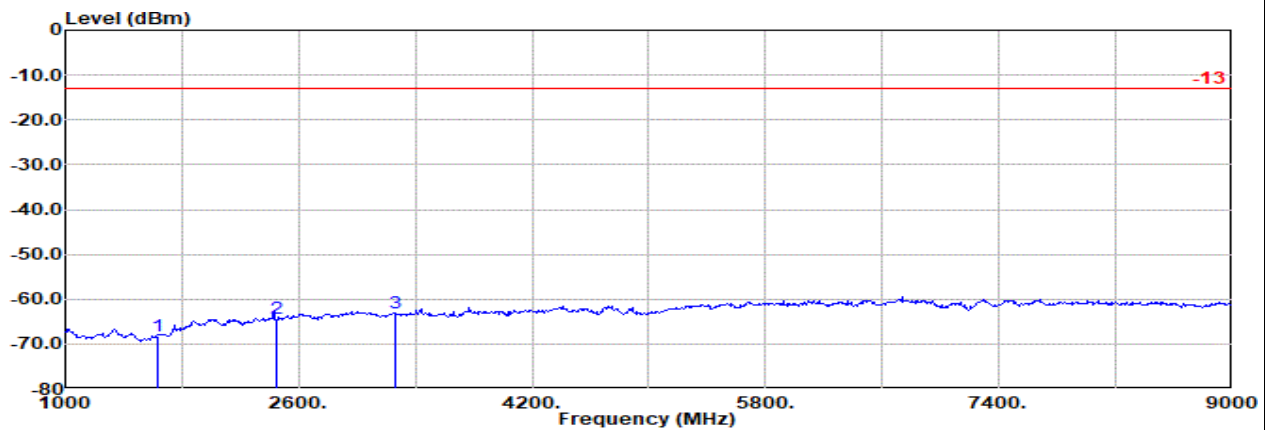


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NB IOT Band 26 3.75K CH26691 1RB47 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1624.00	-68.30	RMS	28.38	-52.18	0.31	-95.23	50.42	-13.00	-55.30	Horizontal
2	2442.00	-64.41	RMS	31.92	-50.46	0.34	-95.23	49.02	-13.00	-51.41	Horizontal
3	3256.00	-63.60	RMS	32.71	-49.24	0.14	-95.23	48.02	-13.00	-50.60	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NB IOT Band 26 3.75K CH26691 1RB47 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1628.00	-68.24	RMS	28.46	-52.17	0.31	-95.23	50.39	-13.00	-55.24	Vertical
2	2442.00	-64.33	RMS	31.92	-50.46	0.34	-95.23	49.10	-13.00	-51.33	Vertical
3	3256.00	-63.11	RMS	32.71	-49.24	0.14	-95.23	48.51	-13.00	-50.11	Vertical

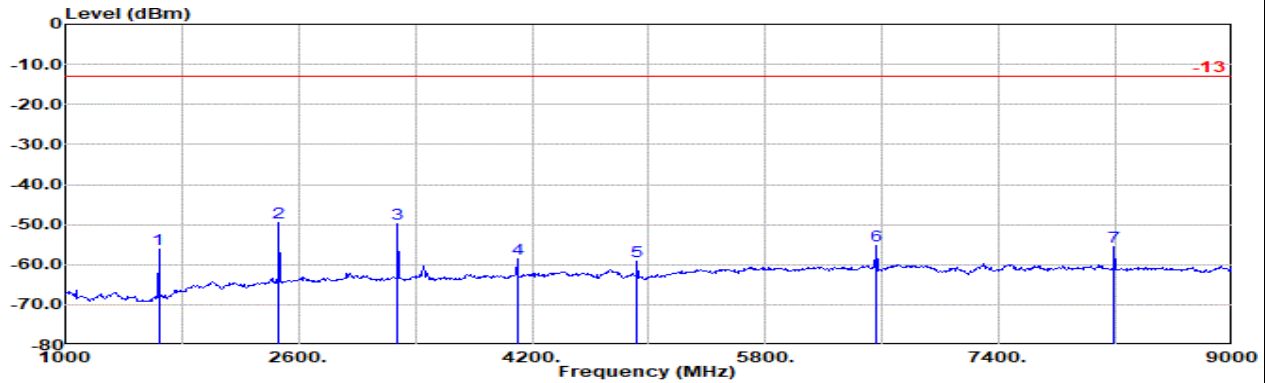


NB-IoT

Part 90S Mode 2

NB-IoT B26 3.75k Ch26740 1RB47 QPSK

M

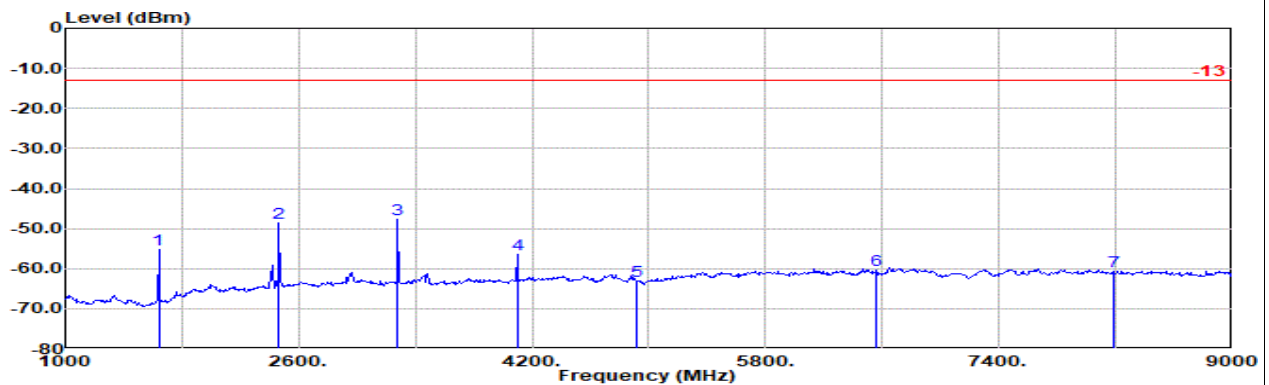


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NB IOT Band 26 3.75K CH26740 1RB47 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1640.00	-56.20	RMS	28.60	-52.14	0.31	-95.23	62.26	-13.00	-43.20	Horizontal
2	2464.00	-49.51	RMS	32.10	-50.42	0.31	-95.23	63.73	-13.00	-36.51	Horizontal
3	3280.00	-49.92	RMS	32.76	-49.22	0.14	-95.23	61.63	-13.00	-36.92	Horizontal
4	4096.00	-58.60	RMS	33.38	-48.68	0.46	-95.23	51.47	-13.00	-45.60	Horizontal
5	4920.00	-59.15	RMS	34.34	-46.84	0.19	-95.23	48.39	-13.00	-46.15	Horizontal
6	6560.00	-55.11	RMS	35.58	-42.23	0.33	-95.23	46.44	-13.00	-42.11	Horizontal
7	8192.00	-55.63	RMS	35.92	-42.23	0.21	-95.23	45.70	-13.00	-42.63	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NB IOT Band 26 3.75K CH26740 1RB47 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1640.00	-55.35	RMS	28.60	-52.14	0.31	-95.23	63.11	-13.00	-42.35	Vertical
2	2464.00	-48.71	RMS	32.10	-50.42	0.31	-95.23	64.53	-13.00	-35.71	Vertical
3	3280.00	-47.80	RMS	32.76	-49.22	0.14	-95.23	63.75	-13.00	-34.80	Vertical
4	4096.00	-56.54	RMS	33.38	-48.68	0.46	-95.23	53.53	-13.00	-43.54	Vertical
5	4920.00	-62.96	RMS	34.34	-46.84	0.19	-95.23	44.58	-13.00	-49.96	Vertical
6	6560.00	-60.33	RMS	35.58	-42.23	0.33	-95.23	41.22	-13.00	-47.33	Vertical
7	8192.00	-60.75	RMS	35.92	-42.23	0.21	-95.23	40.58	-13.00	-47.75	Vertical

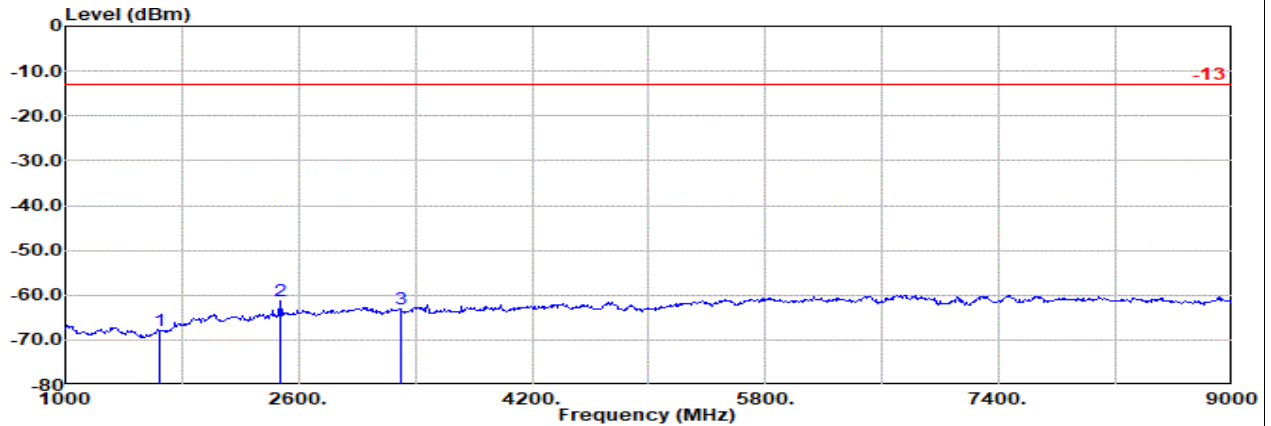


NB-IoT

Part 90S Mode 2

NB-IoT B26 3.75k Ch26789 1RB47 QPSK

H

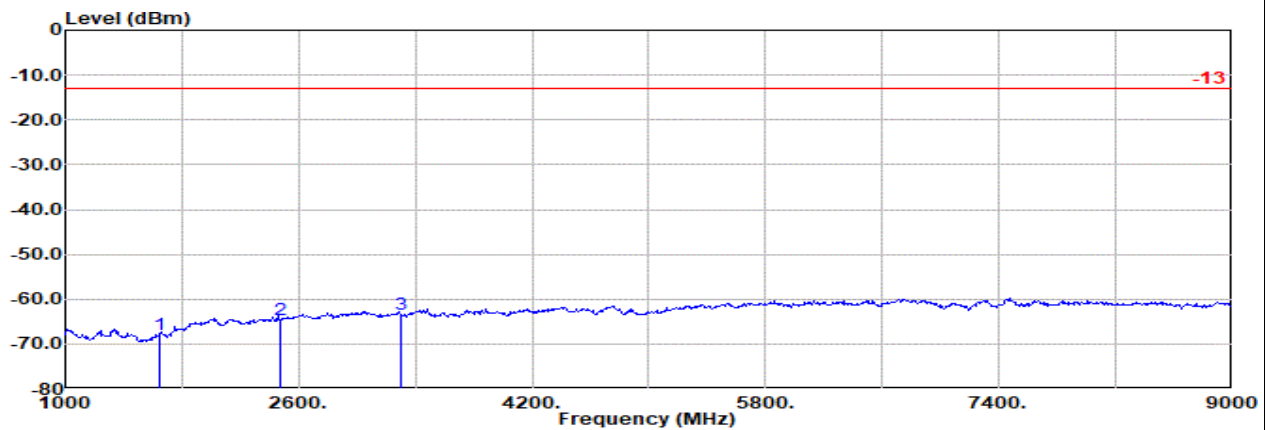


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NB IOT Band 26 3.75K CH26789 1RB47 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1648.00	-67.85	RMS	28.68	-52.12	0.31	-95.23	50.51	-13.00	-54.85	Horizontal
2	2472.00	-61.25	RMS	32.10	-50.41	0.30	-95.23	51.99	-13.00	-48.25	Horizontal
3	3296.00	-63.22	RMS	32.79	-49.21	0.14	-95.23	48.29	-13.00	-50.22	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NB IOT Band 26 3.75K CH26789 1RB47 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1648.00	-68.04	RMS	28.68	-52.12	0.31	-95.23	50.32	-13.00	-55.04	Vertical
2	2472.00	-64.59	RMS	32.10	-50.41	0.30	-95.23	48.65	-13.00	-51.59	Vertical
3	3296.00	-63.33	RMS	32.79	-49.21	0.14	-95.23	48.18	-13.00	-50.33	Vertical

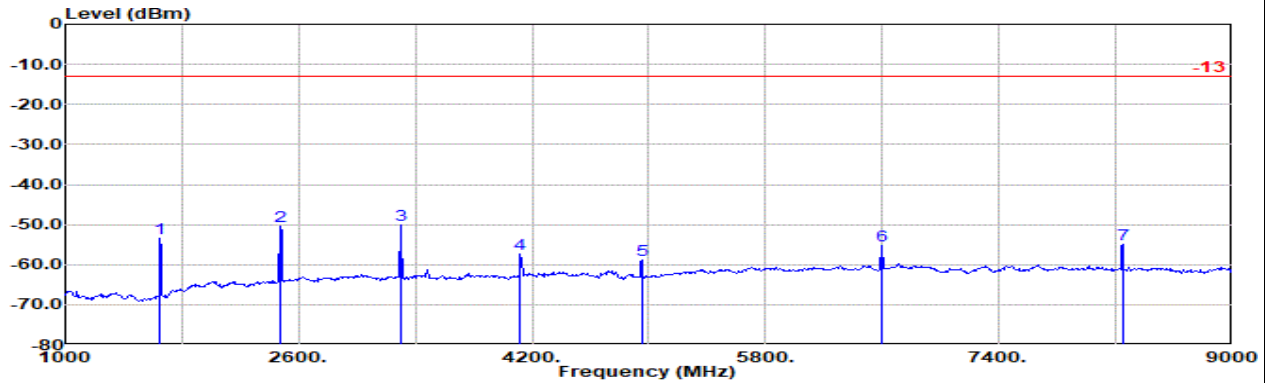


NB-IoT

Part 90S Mode 8

NB-IoT B26 3.75k Ch26790 1RB0 QPSK

M

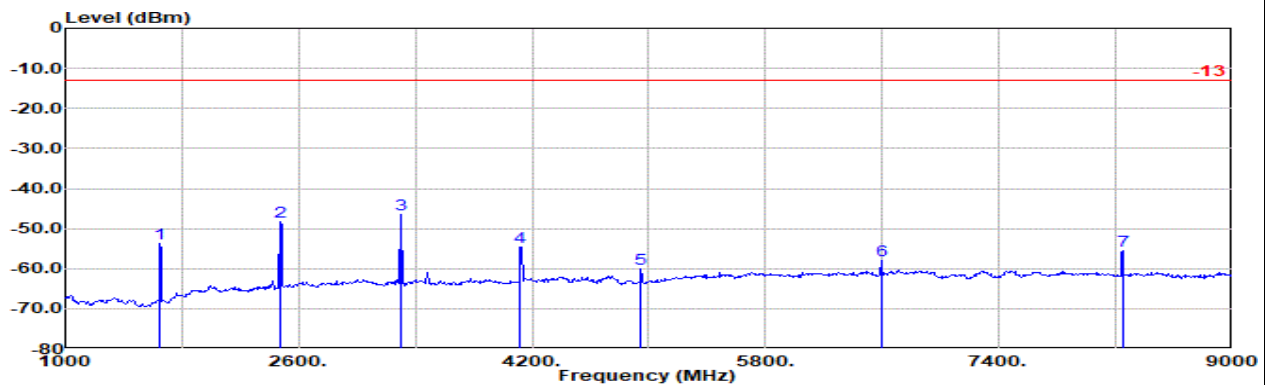


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NBIOT Band 26 3.75k CH26790 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1648.00	-53.50	RMS		28.68	-52.12	0.31	-95.23	64.86	-13.00	-40.50 Horizontal
2	2472.00	-50.40	RMS		32.10	-50.41	0.30	-95.23	62.84	-13.00	-37.40 Horizontal
3	3296.00	-50.10	RMS		32.79	-49.21	0.14	-95.23	61.41	-13.00	-37.10 Horizontal
4	4120.00	-57.34	RMS		33.52	-48.65	0.45	-95.23	52.57	-13.00	-44.34 Horizontal
5	4952.00	-58.95	RMS		34.40	-46.76	0.20	-95.23	48.44	-13.00	-45.95 Horizontal
6	6592.00	-55.13	RMS		35.52	-42.28	0.34	-95.23	46.52	-13.00	-42.13 Horizontal
7	8248.00	-55.08	RMS		35.80	-42.22	0.20	-95.23	46.37	-13.00	-42.08 Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NBIOT Band 26 3.75k CH26790 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1648.00	-53.69	RMS		28.68	-52.12	0.31	-95.23	64.67	-13.00	-40.69 Vertical
2	2472.00	-48.38	RMS		32.10	-50.41	0.30	-95.23	64.86	-13.00	-35.38 Vertical
3	3296.00	-46.53	RMS		32.79	-49.21	0.14	-95.23	64.98	-13.00	-33.53 Vertical
4	4120.00	-54.50	RMS		33.52	-48.65	0.45	-95.23	55.41	-13.00	-41.50 Vertical
5	4944.00	-60.07	RMS		34.39	-46.78	0.20	-95.23	47.35	-13.00	-47.07 Vertical
6	6592.00	-58.04	RMS		35.52	-42.28	0.34	-95.23	43.61	-13.00	-45.04 Vertical
7	8248.00	-55.56	RMS		35.80	-42.22	0.20	-95.23	45.89	-13.00	-42.56 Vertical

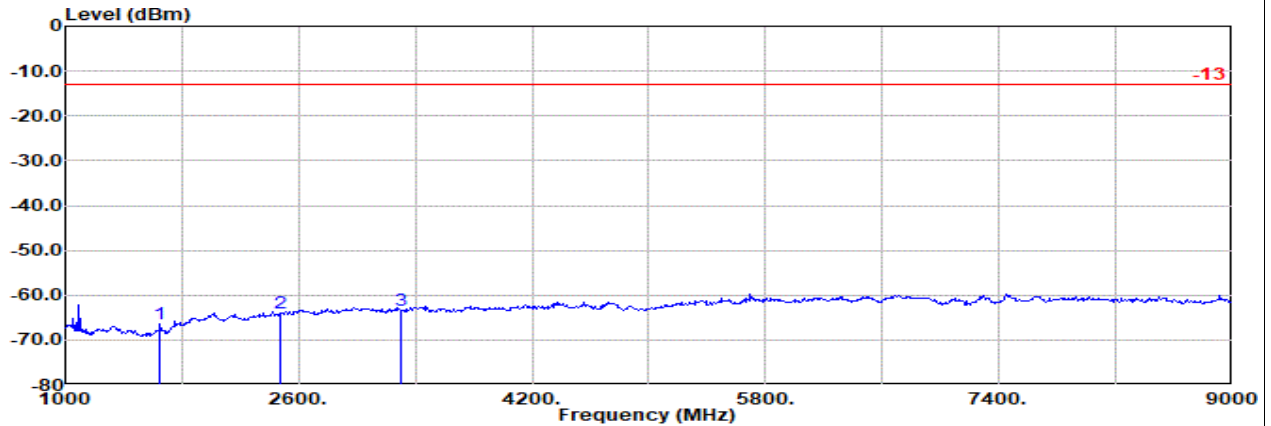


NB-IoT

Part 22H Mode 5

NB-IoT B26 15k Ch26791 1RB0 BPSK

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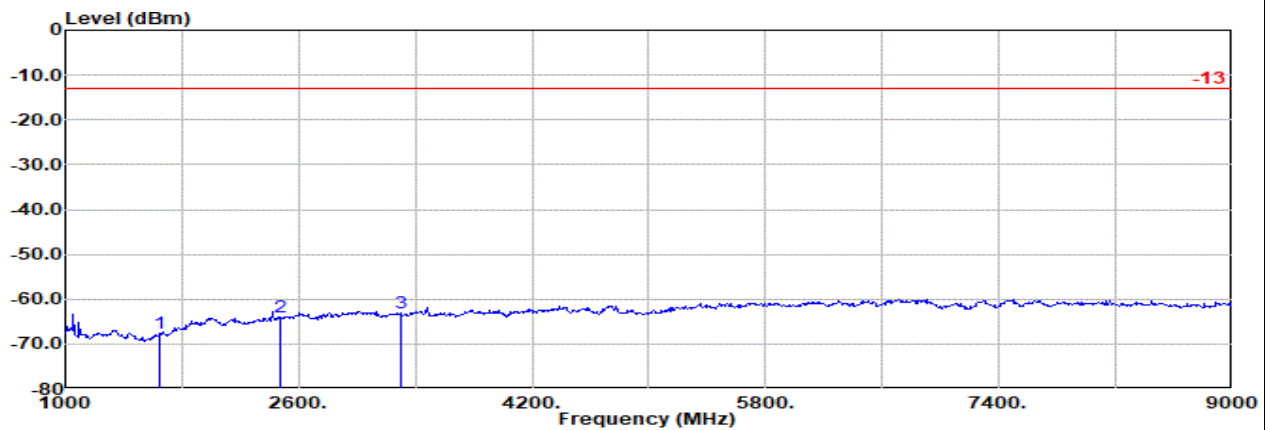


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NB IOT Band 26 15K CH26791 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1648.00	-66.33	RMS	28.68	-52.12	0.31	-95.23	0.00	-13.00	-53.33	Horizontal
2	2472.00	-64.01	RMS	32.10	-50.41	0.30	-95.23	49.23	-13.00	-51.01	Horizontal
3	3296.00	-63.50	RMS	32.79	-49.21	0.14	-95.23	48.01	-13.00	-50.50	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NB IOT Band 26 15K CH26791 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1648.00	-67.65	RMS	28.68	-52.12	0.31	-95.23	50.71	-13.00	-54.65	Vertical
2	2472.00	-63.94	RMS	32.10	-50.41	0.30	-95.23	49.30	-13.00	-50.94	Vertical
3	3296.00	-63.12	RMS	32.79	-49.21	0.14	-95.23	48.39	-13.00	-50.12	Vertical

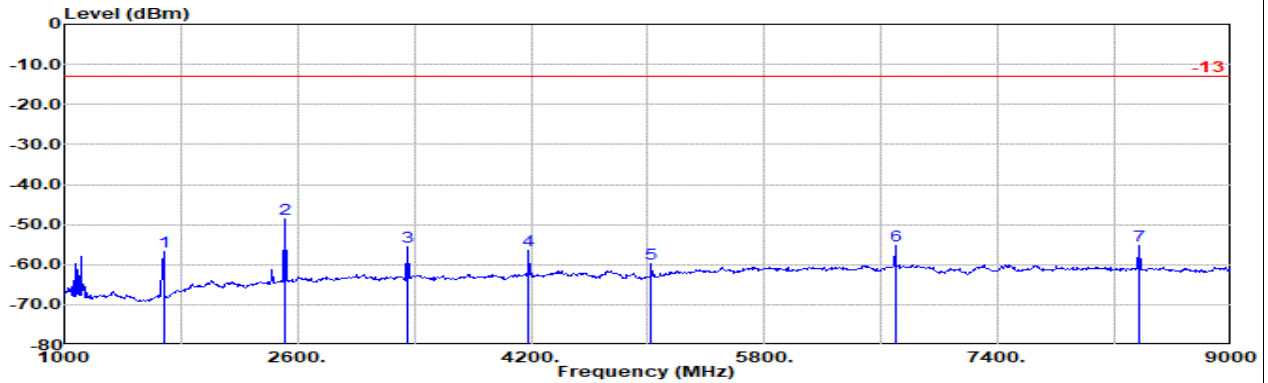


NB-IoT

Part 22H Mode 5

NB-IoT B26 15k Ch26915 1RB0 BPSK

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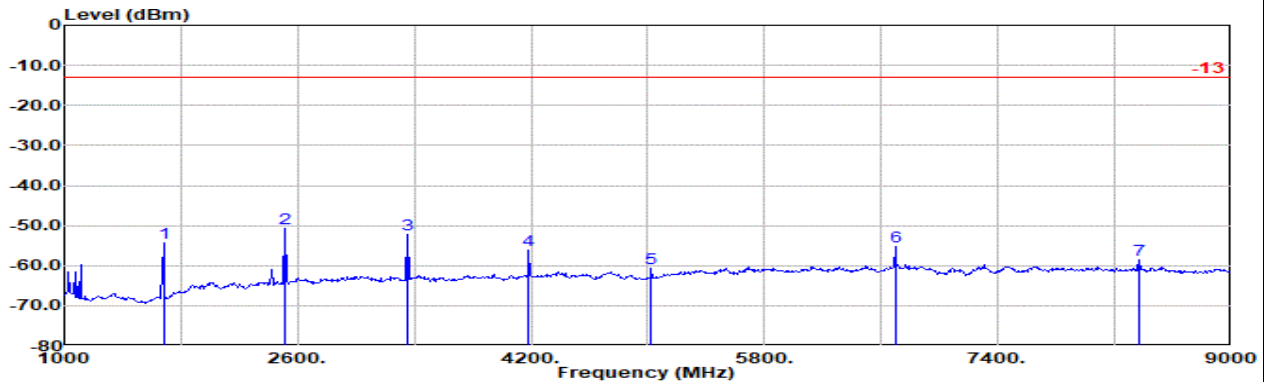


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NB IOT Band 26 15K CH26915 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1680.00	-56.78	RMS	28.70	-52.04	0.31	-95.23	61.48	-13.00	-43.78	Horizontal
2	2512.00	-48.65	RMS	32.42	-50.34	0.24	-95.23	64.26	-13.00	-35.65	Horizontal
3	3352.00	-55.42	RMS	32.91	-49.16	0.15	-95.23	55.91	-13.00	-42.42	Horizontal
4	4184.00	-56.40	RMS	33.63	-48.55	0.42	-95.23	53.33	-13.00	-43.40	Horizontal
5	5024.00	-59.92	RMS	34.21	-46.50	0.24	-95.23	47.36	-13.00	-46.92	Horizontal
6	6696.00	-55.20	RMS	35.59	-42.48	0.67	-95.23	46.25	-13.00	-42.20	Horizontal
7	8368.00	-55.18	RMS	35.70	-42.19	0.18	-95.23	46.36	-13.00	-42.18	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NB IOT Band 26 15K CH26915 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	1680.00	-54.28	RMS	28.70	-52.04	0.31	-95.23	63.98	-13.00	-41.28	Vertical
2	2512.00	-50.82	RMS	32.42	-50.34	0.24	-95.23	62.09	-13.00	-37.82	Vertical
3	3352.00	-52.20	RMS	32.91	-49.16	0.15	-95.23	59.13	-13.00	-39.20	Vertical
4	4184.00	-56.04	RMS	33.63	-48.55	0.42	-95.23	53.69	-13.00	-43.04	Vertical
5	5024.00	-60.53	RMS	34.21	-46.50	0.24	-95.23	46.75	-13.00	-47.53	Vertical
6	6696.00	-55.18	RMS	35.59	-42.48	0.67	-95.23	46.27	-13.00	-42.18	Vertical
7	8368.00	-58.64	RMS	35.70	-42.19	0.18	-95.23	42.90	-13.00	-45.64	Vertical

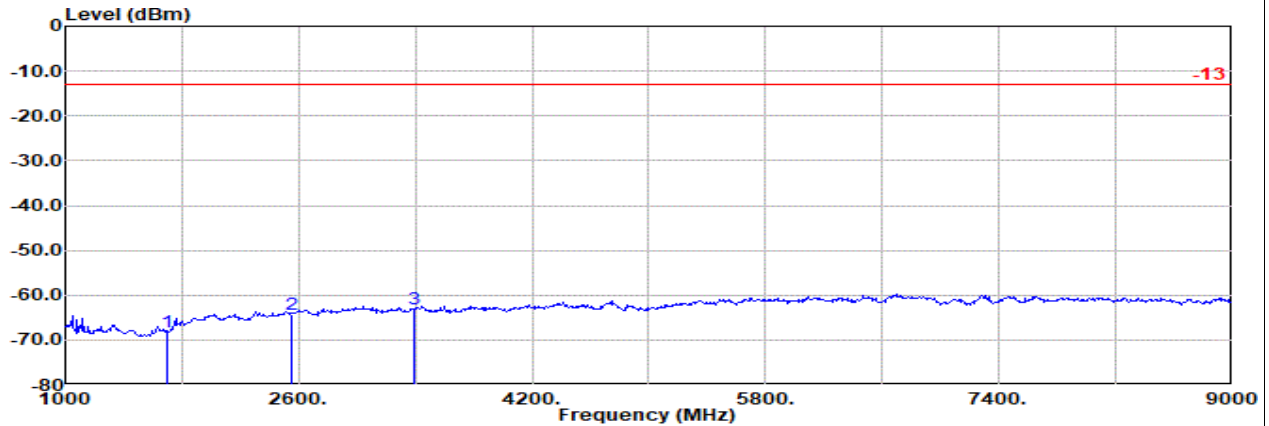


NB-IoT

Part 22H Mode 5

NB-IoT B26 15k Ch27039 1RB0 BPSK

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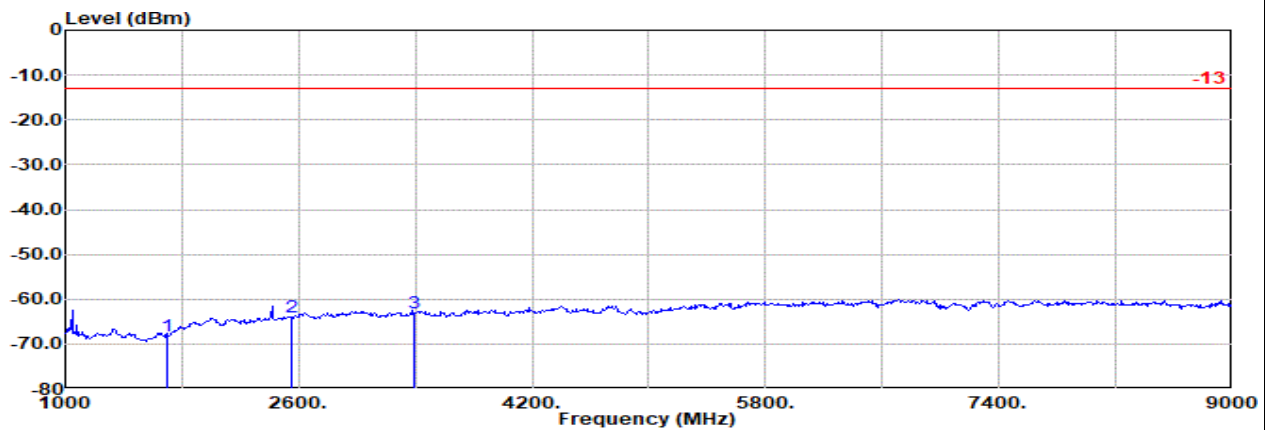


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : NB IOT Band 26 15K CH27039 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1698.00	-68.10	RMS	28.78	-52.00	0.31	-95.23	50.04	-13.00	-55.10	Horizontal
2	2547.00	-64.33	RMS	32.57	-50.27	0.20	-95.23	48.40	-13.00	-51.33	Horizontal
3	3396.00	-63.10	RMS	33.08	-49.13	0.15	-95.23	48.03	-13.00	-50.10	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : NB IOT Band 26 15K CH27039 1RB0 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1698.00	-68.23	RMS	28.78	-52.00	0.31	-95.23	49.91	-13.00	-55.23	Vertical
2	2547.00	-64.09	RMS	32.57	-50.27	0.20	-95.23	48.64	-13.00	-51.09	Vertical
3	3396.00	-63.16	RMS	33.08	-49.13	0.15	-95.23	47.97	-13.00	-50.16	Vertical