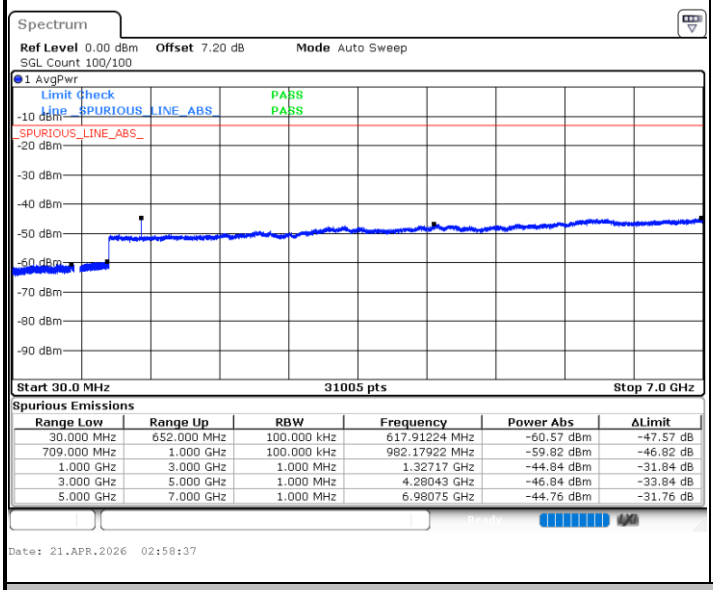
Conducted Spurious Emission

LTE Band 71 / 5MHz

Lowest Channel / QPSK

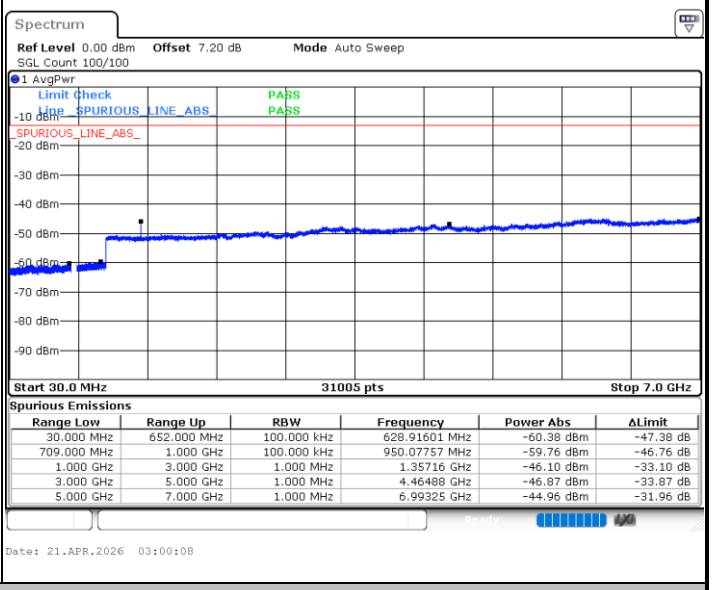


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	617.91224 MHz	-60.57 dBm	-47.57 dB
709.000 MHz	1.000 GHz	100.000 kHz	982.17922 MHz	-59.82 dBm	-46.82 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32717 GHz	-44.84 dBm	-31.84 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.28043 GHz	-46.84 dBm	-33.84 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98075 GHz	-44.76 dBm	-31.76 dB

Date: 21.APR.2026 02:58:37

Middle Channel / QPSK

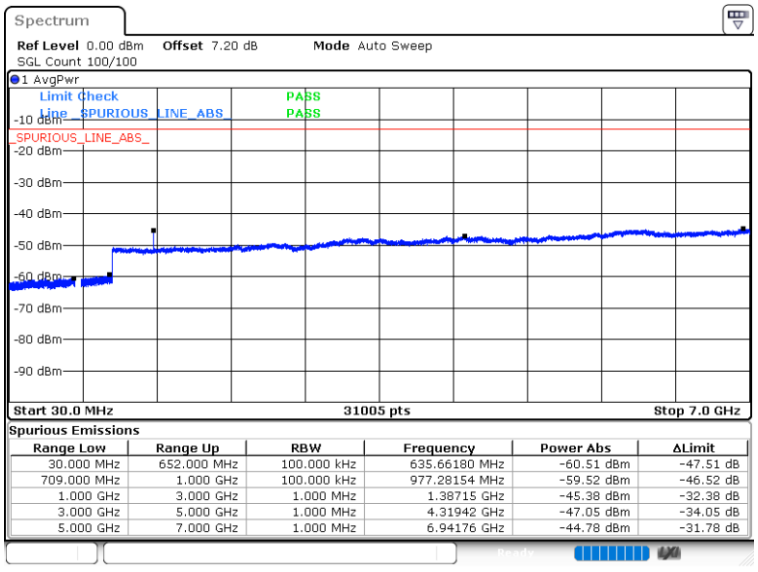


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	628.91601 MHz	-60.38 dBm	-47.38 dB
709.000 MHz	1.000 GHz	100.000 kHz	950.07757 MHz	-59.76 dBm	-46.76 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35716 GHz	-46.10 dBm	-33.10 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.46488 GHz	-46.87 dBm	-33.87 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99325 GHz	-44.96 dBm	-31.96 dB

Date: 21.APR.2026 03:00:08

Highest Channel / QPSK



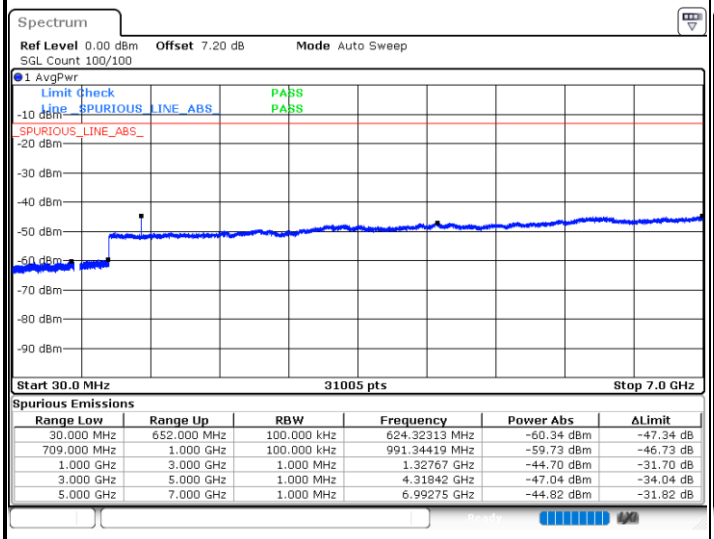
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.66180 MHz	-60.51 dBm	-47.51 dB
709.000 MHz	1.000 GHz	100.000 kHz	977.28154 MHz	-59.52 dBm	-46.52 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.38715 GHz	-45.38 dBm	-32.38 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31942 GHz	-47.05 dBm	-34.05 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.94176 GHz	-44.78 dBm	-31.78 dB

Date: 21.APR.2026 03:01:39

LTE Band 71 / 10MHz

Lowest Channel / QPSK

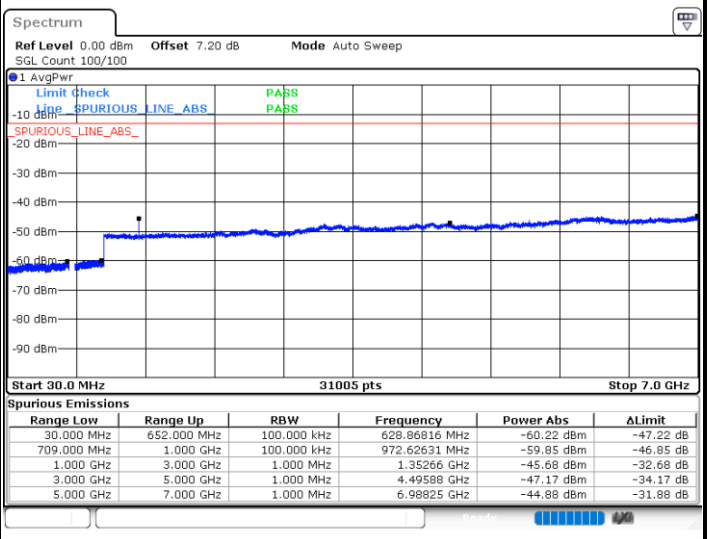


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	624.32313 MHz	-60.34 dBm	-47.34 dB
709.000 MHz	1.000 GHz	100.000 kHz	991.34419 MHz	-59.73 dBm	-46.73 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32767 GHz	-44.70 dBm	-31.70 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31842 GHz	-47.04 dBm	-34.04 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99275 GHz	-44.82 dBm	-31.82 dB

Date: 21.APR.2026 03:03:09

Middle Channel / QPSK

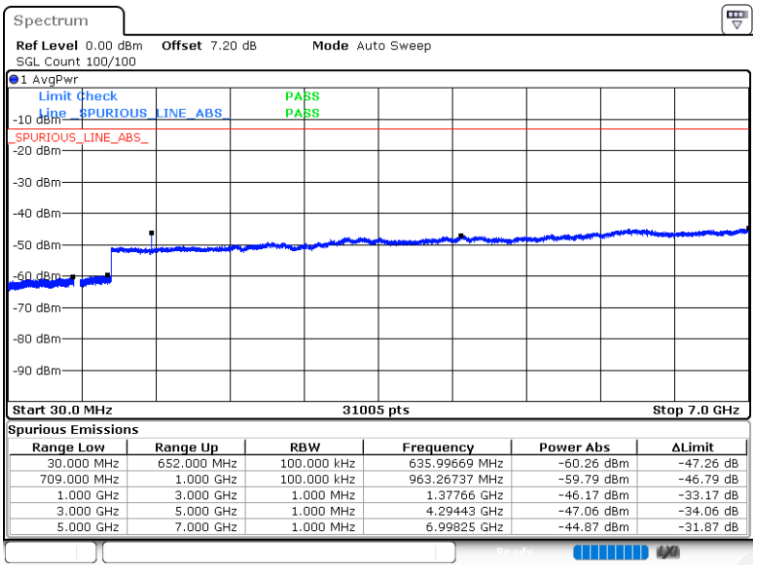


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	628.86816 MHz	-60.22 dBm	-47.22 dB
709.000 MHz	1.000 GHz	100.000 kHz	972.62631 MHz	-59.85 dBm	-46.85 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35266 GHz	-45.68 dBm	-32.68 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.49588 GHz	-47.17 dBm	-34.17 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98825 GHz	-44.88 dBm	-31.88 dB

Date: 21.APR.2026 03:04:39

Highest Channel / QPSK



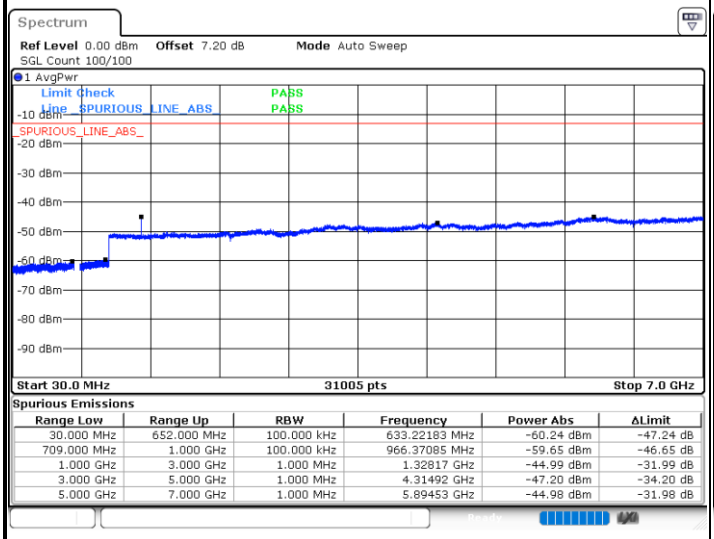
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	635.99669 MHz	-60.26 dBm	-47.26 dB
709.000 MHz	1.000 GHz	100.000 kHz	963.26737 MHz	-59.79 dBm	-46.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.37766 GHz	-46.17 dBm	-33.17 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.29443 GHz	-47.06 dBm	-34.06 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99825 GHz	-44.87 dBm	-31.87 dB

Date: 21.APR.2026 03:06:07

LTE Band 71 / 15MHz

Lowest Channel / QPSK

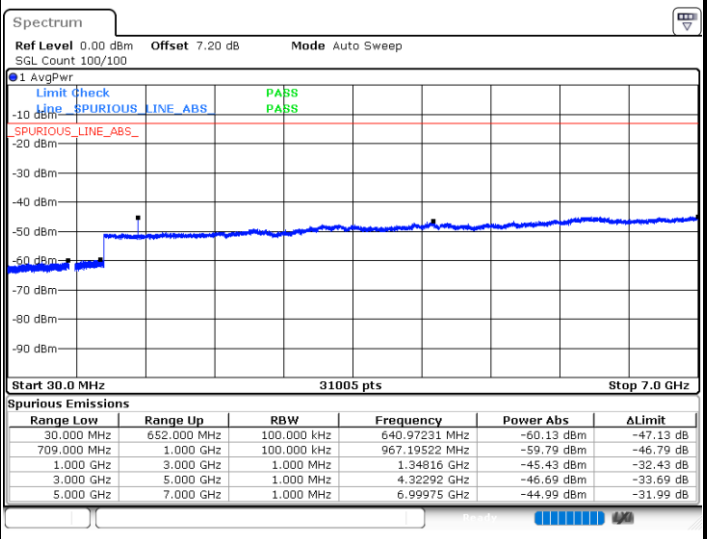


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	633.22183 MHz	-60.24 dBm	-47.24 dB
709.000 MHz	1.000 GHz	100.000 kHz	966.37085 MHz	-59.65 dBm	-46.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32817 GHz	-44.99 dBm	-31.99 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31492 GHz	-47.20 dBm	-34.20 dB
5.000 GHz	7.000 GHz	1.000 MHz	5.89453 GHz	-44.98 dBm	-31.98 dB

Date: 21.APR.2026 03:07:37

Middle Channel / QPSK

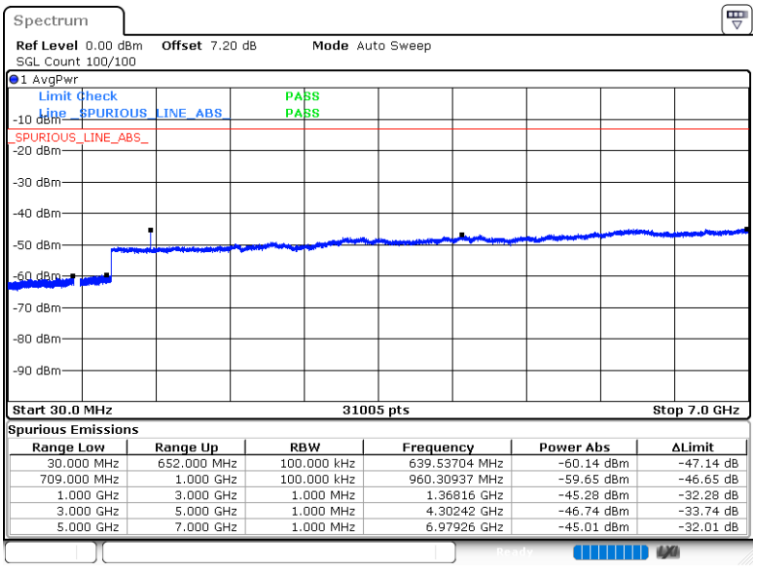


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	640.97231 MHz	-60.13 dBm	-47.13 dB
709.000 MHz	1.000 GHz	100.000 kHz	967.19522 MHz	-59.79 dBm	-46.79 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34816 GHz	-45.43 dBm	-32.43 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.32292 GHz	-46.69 dBm	-33.69 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.99975 GHz	-44.99 dBm	-31.99 dB

Date: 21.APR.2026 03:14:06

Highest Channel / QPSK



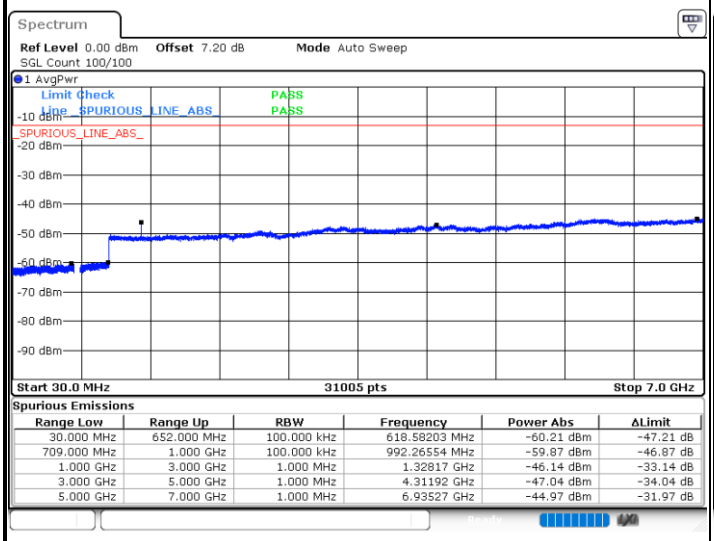
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	639.53704 MHz	-60.14 dBm	-47.14 dB
709.000 MHz	1.000 GHz	100.000 kHz	960.30937 MHz	-59.65 dBm	-46.65 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.36816 GHz	-45.28 dBm	-32.28 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.30242 GHz	-46.74 dBm	-33.74 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.97926 GHz	-45.01 dBm	-32.01 dB

Date: 21.APR.2026 03:15:35

LTE Band 71 / 20MHz

Lowest Channel / QPSK

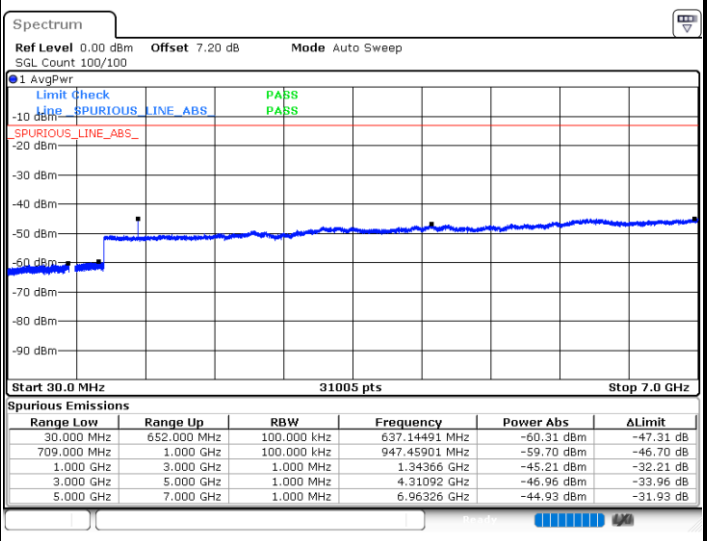


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	618.58203 MHz	-60.21 dBm	-47.21 dB
709.000 MHz	1.000 GHz	100.000 kHz	992.26554 MHz	-59.87 dBm	-46.87 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.32817 GHz	-46.14 dBm	-33.14 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31192 GHz	-47.04 dBm	-34.04 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.93527 GHz	-44.97 dBm	-31.97 dB

Date: 21.APR.2026 03:17:10

Middle Channel / QPSK

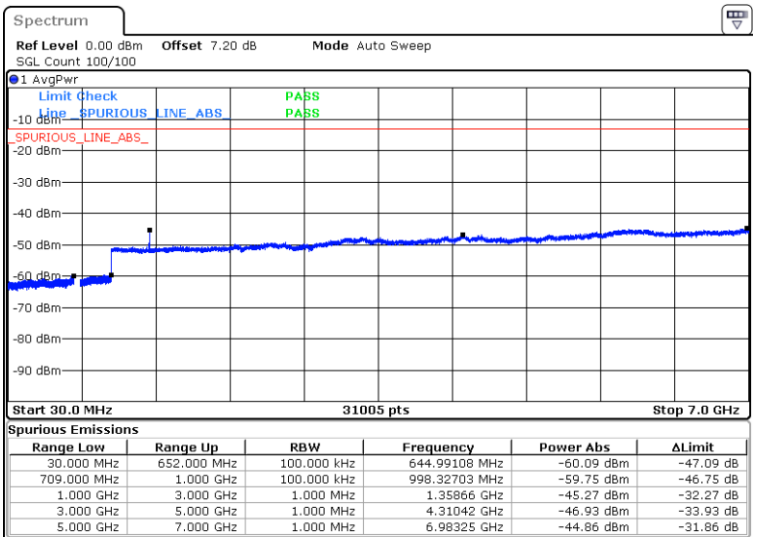


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	637.14491 MHz	-60.31 dBm	-47.31 dB
709.000 MHz	1.000 GHz	100.000 kHz	947.45901 MHz	-59.70 dBm	-46.70 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.34366 GHz	-45.21 dBm	-32.21 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31092 GHz	-46.96 dBm	-33.96 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.96326 GHz	-44.93 dBm	-31.93 dB

Date: 21.APR.2026 03:18:45

Highest Channel / QPSK



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	652.000 MHz	100.000 kHz	644.99108 MHz	-60.09 dBm	-47.09 dB
709.000 MHz	1.000 GHz	100.000 kHz	998.32703 MHz	-59.75 dBm	-46.75 dB
1.000 GHz	3.000 GHz	1.000 MHz	1.35866 GHz	-45.27 dBm	-32.27 dB
3.000 GHz	5.000 GHz	1.000 MHz	4.31042 GHz	-46.93 dBm	-33.93 dB
5.000 GHz	7.000 GHz	1.000 MHz	6.98325 GHz	-44.86 dBm	-31.86 dB

Date: 21.APR.2026 03:20:17

Frequency Stability

Test Conditions		LTE Band 71 (QPSK) / Middle Channel / BandWidth 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (△f) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0116	-7.9	Yes	PASS
40	Normal Voltage	0.0062	4.2	Yes	
30	Normal Voltage	0.0065	4.4	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0009	0.6	Yes	
0	Normal Voltage	0.0097	-6.6	Yes	
-10	Normal Voltage	0.0013	0.9	Yes	
-20	Normal Voltage	0.0035	2.4	Yes	
-30	Normal Voltage	0.0009	0.6	Yes	
20	Maximum Voltage	0.0165	-11.2	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0024	1.6	Yes	

Note:

1. Normal Voltage = 4 V.；Minimum Voltage = 3.8 V.；Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.

Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	John Chuang, David Dai, and Sam Chou	**Relative Humidity(%):**	63.7~71.1
		Temperature(℃):	18.3~22.8

Summary of each worse mode

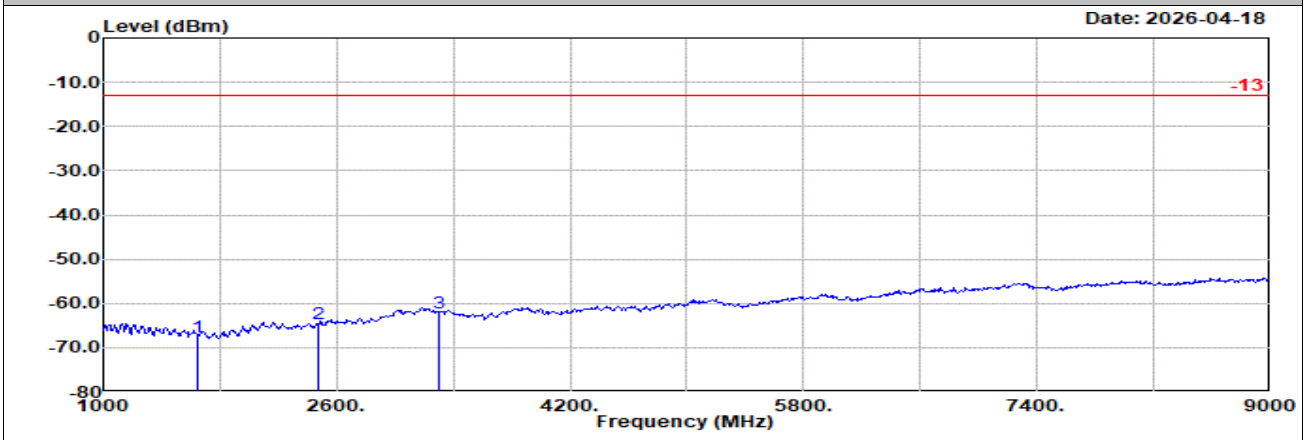
Mode	Band	Part	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	LTE B5	Part 22H	H	3358	-61.77	RMS	29.60	-25.82	0.22	-95.23	29.46	-13.00	-48.77	V	2
2	LTE CA B5B	Part 22H	H	3356	-61.35	RMS	29.60	-25.82	0.22	-95.23	29.88	-13.00	-48.35	V	2
3	LTE B25	Part 24E	L	7404	-56.00	RMS	36.41	-24.40	0.41	-95.23	26.81	-13.00	-43.00	V	1
4	LTE B13	Part 27F	M	3110	-61.99	RMS	29.62	-26.08	0.23	-95.23	29.47	-13.00	-48.99	H	2
5	LTE B13	Part 27F	H	1564	-66.31	RMS	25.14	-29.44	0.54	-95.23	32.68	-42.15	-24.16	H	2
6	LTE B12	Part 27H	H	2826	-63.83	RMS	28.40	-27.18	0.26	-95.23	29.92	-13.00	-50.83	H	2
8	LTE B66	Part 27L	H	7044	-56.17	RMS	36.08	-24.44	0.44	-95.23	26.98	-13.00	-43.17	V	1
9	LTE CA B66B	Part 27L	H	7078	-55.67	RMS	36.27	-24.45	0.42	-95.23	27.32	-13.00	-42.67	V	1
10	LTE CA B66C	Part 27L	H	7036	-55.62	RMS	36.04	-24.44	0.44	-95.23	27.57	-13.00	-42.62	H	1
11	LTE B71	Part 27N	M	2686	-63.71	RMS	28.14	-27.58	0.29	-95.23	30.67	-13.00	-50.71	H	2
12	LTE B14	Part 90R	M	1577	-66.55	RMS	25.27	-29.43	0.53	-95.23	32.31	-42.15	-24.40	H	2
13	LTE B14	Part 90R	L	1577	-66.27	RMS	25.27	-29.43	0.53	-95.23	32.59	-42.15	-24.12	H	2

Ant. 2

Part 22H Mode 1

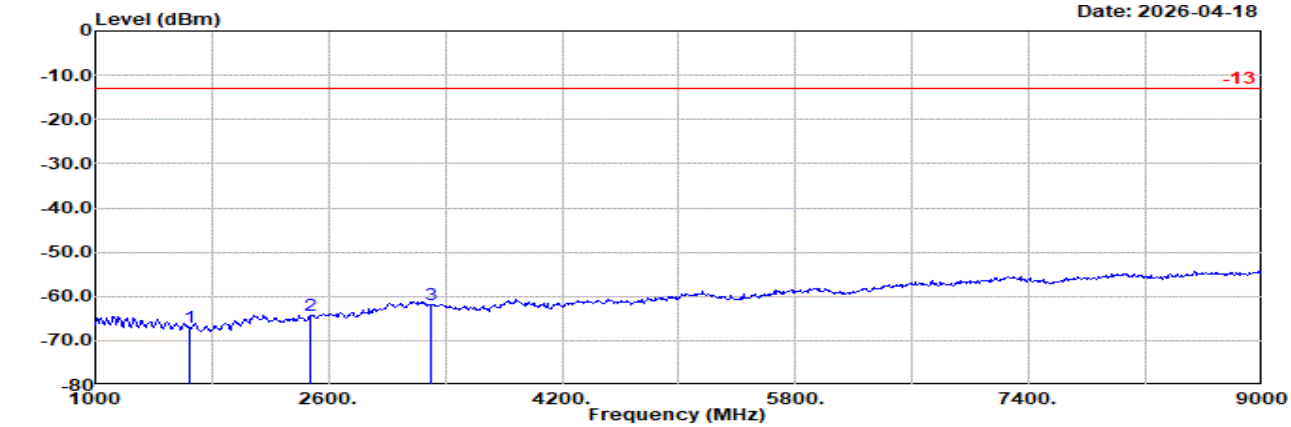
LTE B5 10M Ch20450 1RB0 QPSK

L



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE Band 5 10M Ch20450 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1649.00	-67.49	RMS	25.21	-29.35	0.47	-95.23	31.41	-13.00	-54.49	Horizontal
2	2473.00	-64.48	RMS	27.63	-28.10	0.33	-95.23	30.89	-13.00	-51.48	Horizontal
3	3298.00	-62.11	RMS	29.50	-25.80	0.22	-95.23	29.20	-13.00	-49.11	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE Band 5 10M Ch20450 1RB0 QPSK

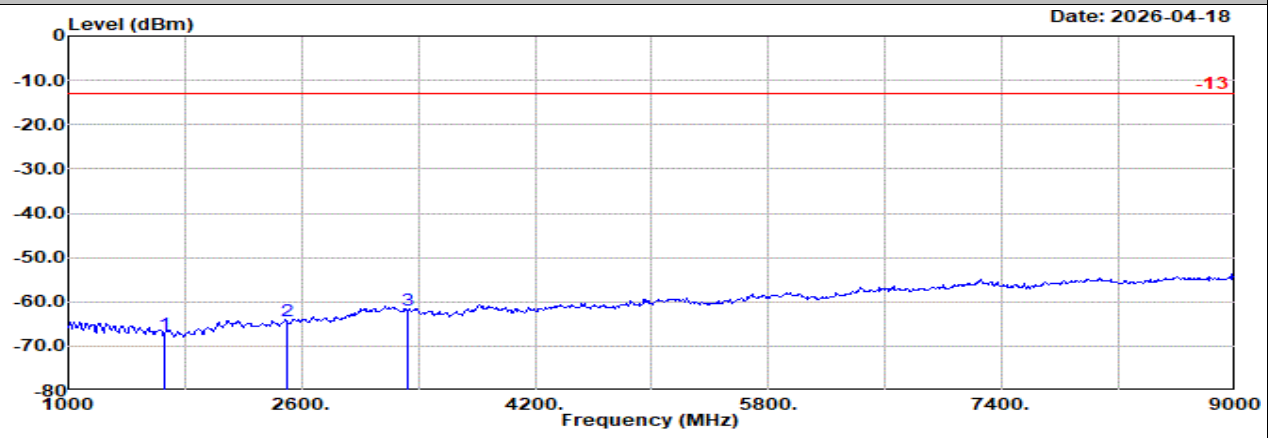
	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1649.00	-67.07	RMS	25.21	-29.35	0.47	-95.23	31.83	-13.00	-54.07	Vertical
2	2473.00	-64.40	RMS	27.63	-28.10	0.33	-95.23	30.97	-13.00	-51.40	Vertical
3	3298.00	-61.78	RMS	29.50	-25.80	0.22	-95.23	29.53	-13.00	-48.78	Vertical

Ant. 2

Part 22H Mode 1

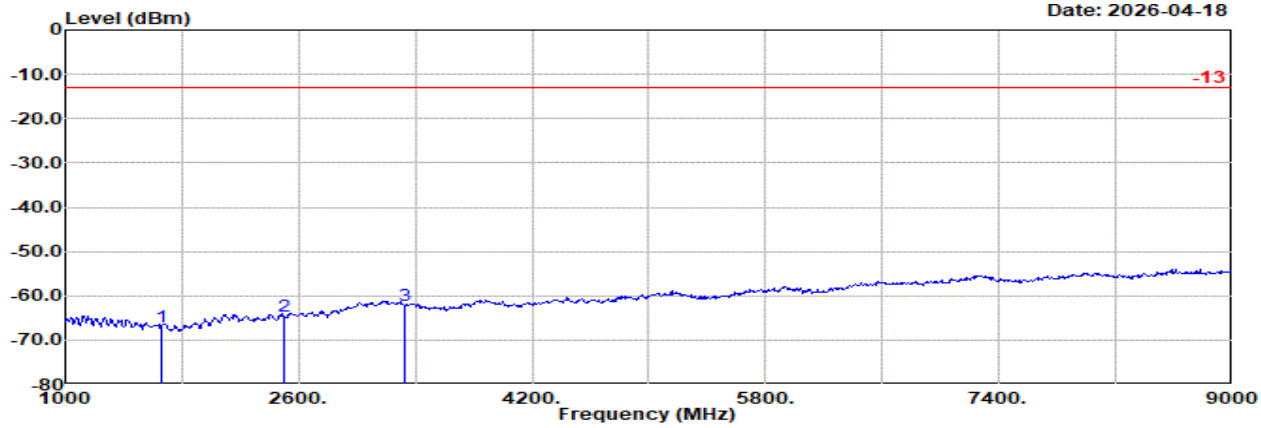
LTE B5 10M Ch20525 1RB0 QPSK

M



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE Band 5 10M Ch20525 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1664.00	-67.43	RMS	25.24	-29.33	0.46	-95.23	31.43	-13.00	-54.43	Horizontal
2	2496.00	-64.36	RMS	27.80	-28.06	0.33	-95.23	30.80	-13.00	-51.36	Horizontal
3	3328.00	-61.94	RMS	29.56	-25.81	0.22	-95.23	29.32	-13.00	-48.94	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE Band 5 10M Ch20525 1RB0 QPSK

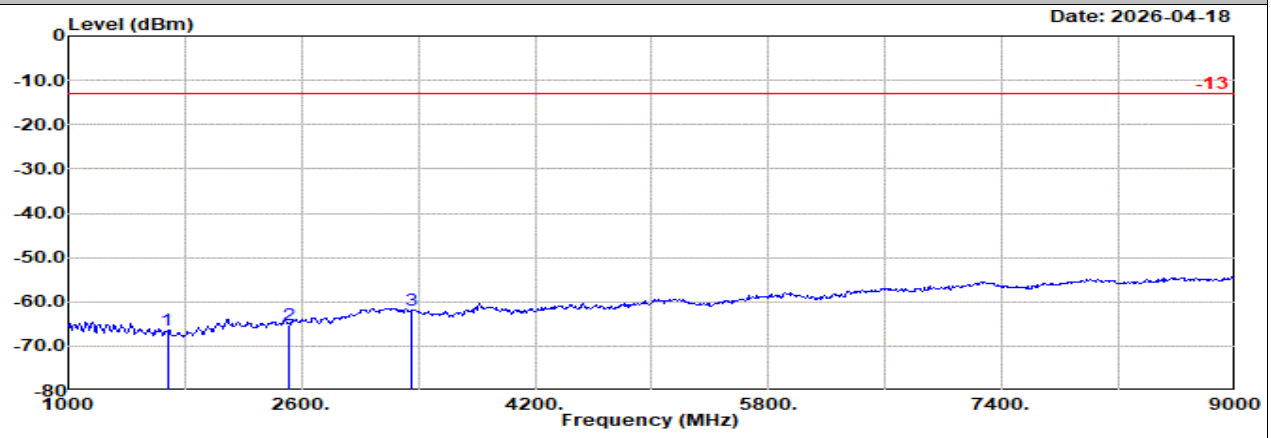
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1664.00	-66.98	RMS	25.24	-29.33	0.46	-95.23	31.88	-13.00	-53.98	Vertical
2	2496.00	-64.55	RMS	27.80	-28.06	0.33	-95.23	30.61	-13.00	-51.55	Vertical
3	3328.00	-62.08	RMS	29.56	-25.81	0.22	-95.23	29.18	-13.00	-49.08	Vertical

Ant. 2

Part 22H Mode 1

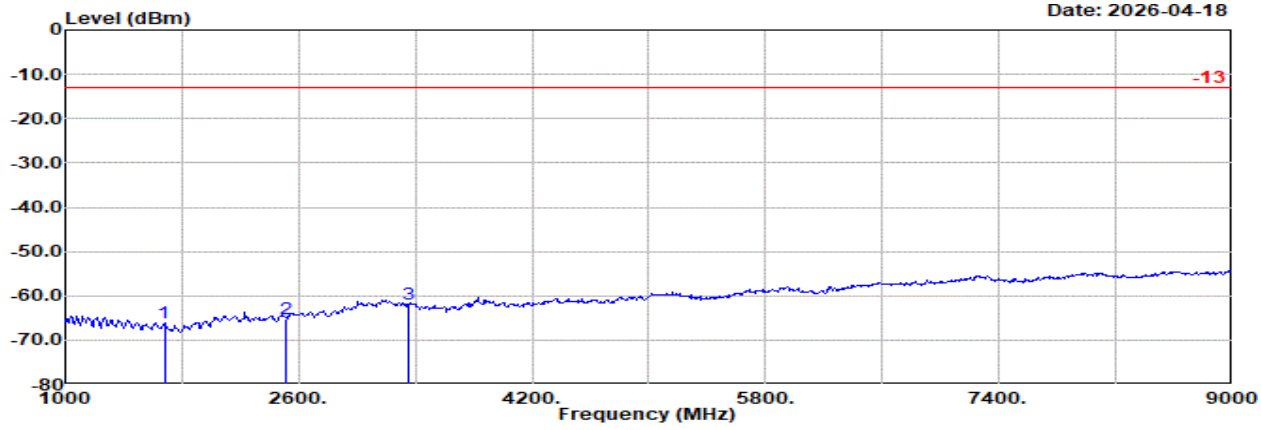
LTE B5 10M Ch20600 1RB0 QPSK

H



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE Band 5 10M Ch20600 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1679.00	-66.40	RMS	25.30	-29.31	0.44	-95.23	32.40	-13.00	-53.40	Horizontal
2	2518.00	-65.19	RMS	27.88	-28.00	0.32	-95.23	29.84	-13.00	-52.19	Horizontal
3	3358.00	-62.03	RMS	29.60	-25.82	0.22	-95.23	29.20	-13.00	-49.03	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE Band 5 10M Ch20600 1RB0 QPSK

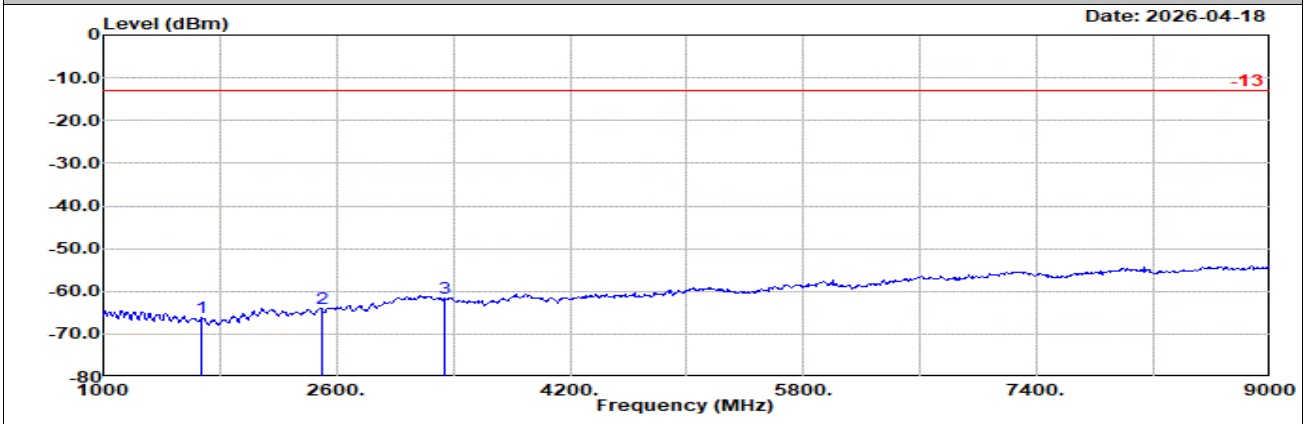
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1679.00	-66.06	RMS	25.30	-29.31	0.44	-95.23	32.74	-13.00	-53.06	Vertical
2	2518.00	-65.08	RMS	27.88	-28.00	0.32	-95.23	29.95	-13.00	-52.08	Vertical
3	3358.00	-61.77	RMS	29.60	-25.82	0.22	-95.23	29.46	-13.00	-48.77	Vertical

Ant. 2

Part 22H Mode 2

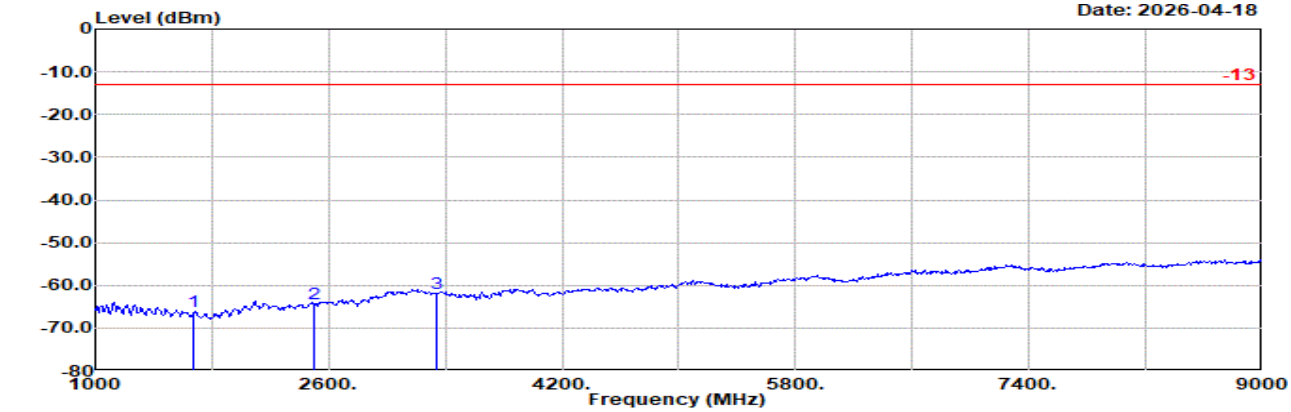
LTE CA B5B 10M + 10M Ch20450 1RB49 QPSK + Ch20549 1RB0 QPSK

L



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE Band 5 10M Ch20450 1RB49 QPSK
: LTE Band 5 10M Ch20549 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1668.00	-66.21	RMS	25.28	-29.33	0.46	-95.23	32.61	-13.00	-53.21	Horizontal
2	2502.00	-64.01	RMS	27.80	-28.04	0.32	-95.23	31.14	-13.00	-51.01	Horizontal
3	3336.00	-61.55	RMS	29.57	-25.81	0.22	-95.23	29.70	-13.00	-48.55	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE Band 5 10M Ch20450 1RB49 QPSK
: LTE Band 5 10M Ch20549 1RB0 QPSK

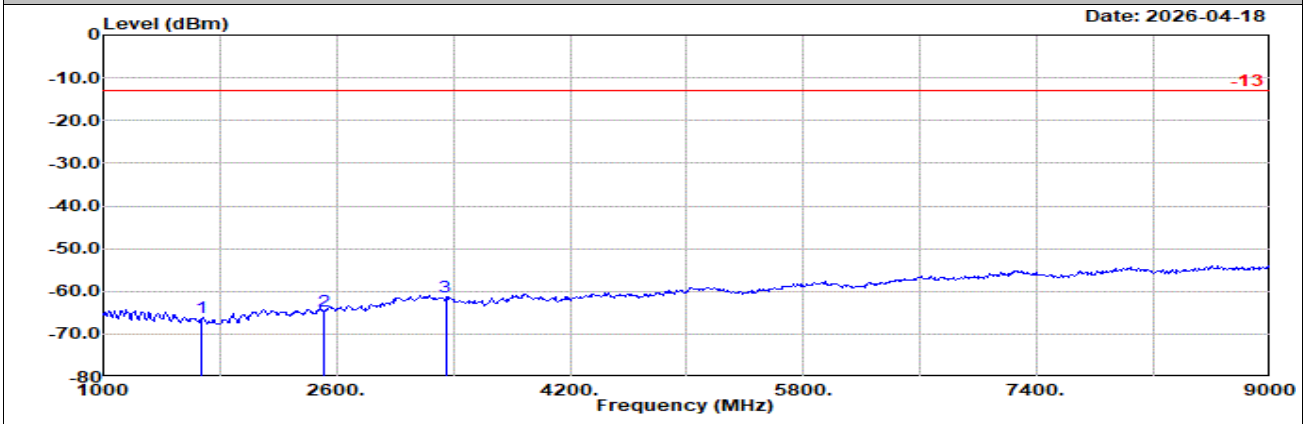
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1668.00	-66.02	RMS	25.28	-29.33	0.46	-95.23	32.80	-13.00	-53.02	Vertical
2	2502.00	-64.34	RMS	27.80	-28.04	0.32	-95.23	30.81	-13.00	-51.34	Vertical
3	3336.00	-61.77	RMS	29.57	-25.81	0.22	-95.23	29.48	-13.00	-48.77	Vertical

Ant. 2

Part 22H Mode 2

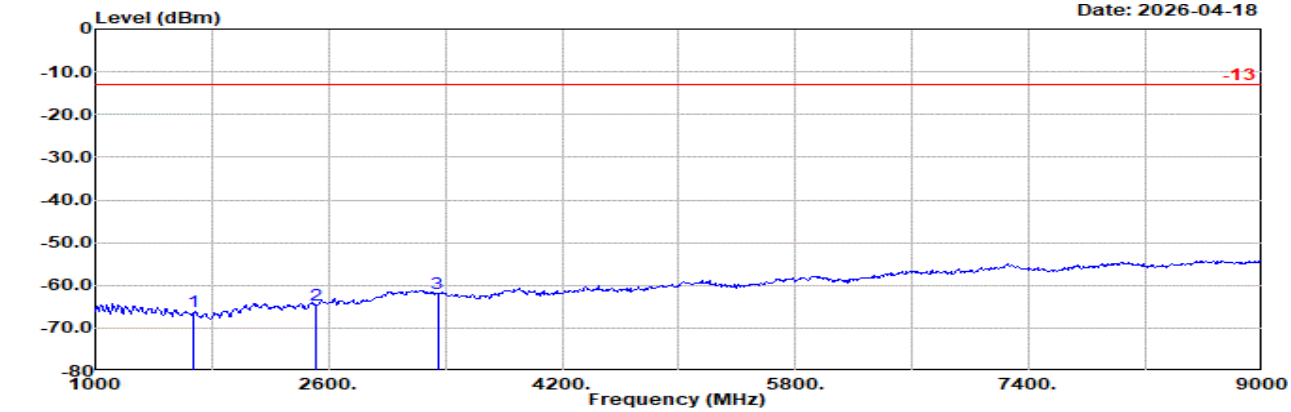
LTE CA B5B 10M + 10M Ch20476 1RB49 QPSK + Ch20575 1RB0 QPSK

M



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE Band 5 10M Ch20476 1RB49 QPSK
: LTE Band 5 10M Ch20575 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1673.00	-66.06	RMS	25.30	-29.32	0.45	-95.23	32.74	-13.00	-53.06	Horizontal
2	2510.00	-64.46	RMS	27.80	-28.02	0.32	-95.23	30.67	-13.00	-51.46	Horizontal
3	3346.00	-61.43	RMS	29.59	-25.82	0.22	-95.23	29.81	-13.00	-48.43	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE Band 5 10M Ch20476 1RB49 QPSK
: LTE Band 5 10M Ch20575 1RB0 QPSK

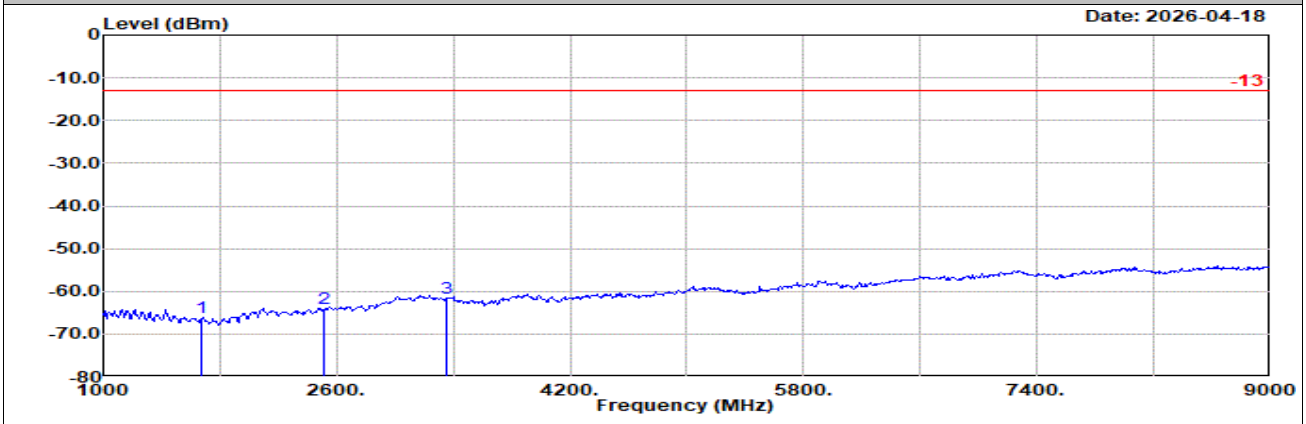
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1673.00	-66.25	RMS	25.30	-29.32	0.45	-95.23	32.55	-13.00	-53.25	Vertical
2	2510.00	-64.55	RMS	27.80	-28.02	0.32	-95.23	30.58	-13.00	-51.55	Vertical
3	3346.00	-61.81	RMS	29.59	-25.82	0.22	-95.23	29.43	-13.00	-48.81	Vertical

Ant. 2

Part 22H Mode 2

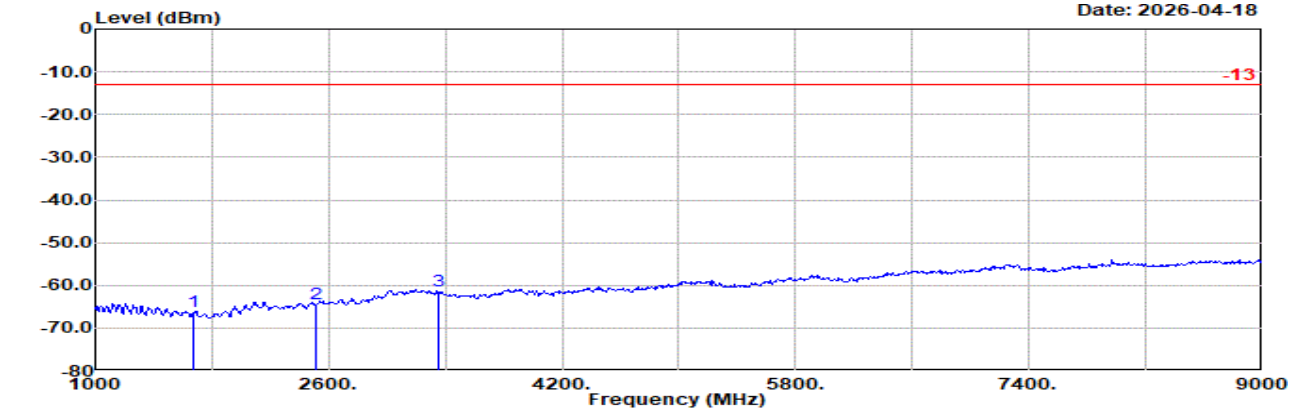
LTE CA B5B 10M + 10M Ch20501 1RB49 QPSK + Ch20600 1RB0 QPSK

H



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE Band 5 10M Ch20501 1RB49 QPSK
: LTE Band 5 10M Ch20600 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1678.00	-66.07	RMS	25.30	-29.31	0.45	-95.23	32.72	-13.00	-53.07	Horizontal
2	2517.00	-64.13	RMS	27.87	-28.01	0.32	-95.23	30.92	-13.00	-51.13	Horizontal
3	3356.00	-61.44	RMS	29.60	-25.82	0.22	-95.23	29.79	-13.00	-48.44	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE Band 5 10M Ch20501 1RB49 QPSK
: LTE Band 5 10M Ch20600 1RB0 QPSK

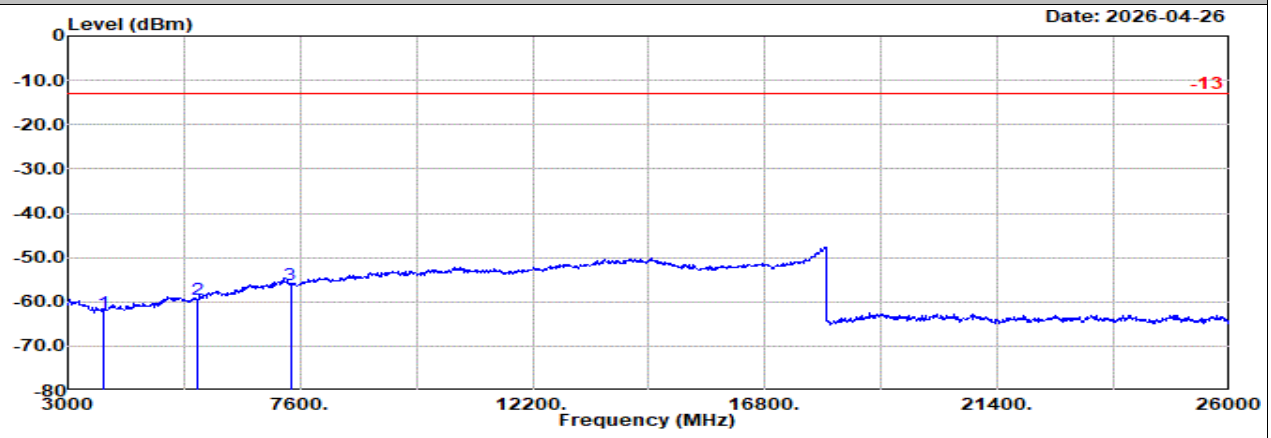
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1678.00	-66.24	RMS	25.30	-29.31	0.45	-95.23	32.55	-13.00	-53.24	Vertical
2	2517.00	-64.17	RMS	27.87	-28.01	0.32	-95.23	30.88	-13.00	-51.17	Vertical
3	3356.00	-61.35	RMS	29.60	-25.82	0.22	-95.23	29.88	-13.00	-48.35	Vertical

Ant. 1

Part 24E Mode 3

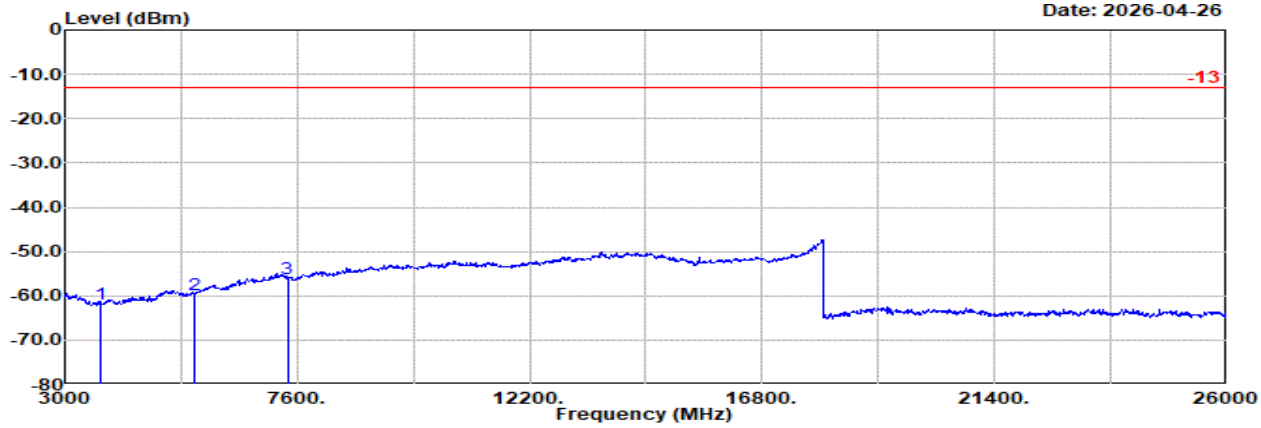
LTE B25 20M Ch26140 1RB0 QPSK

L



Site : 03CH20-HY
Condition: -13 1m BBHA9170_1223_250702 Horizontal
: LTE B25 20M Ch26140 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3702.00	-62.47	RMS	29.71	-26.21	0.71	-95.23	28.55	-13.00	-49.47	Horizontal
2	5553.00	-59.50	RMS	32.90	-25.76	0.48	-95.23	28.11	-13.00	-46.50	Horizontal
3	7404.00	-56.18	RMS	36.41	-24.40	0.41	-95.23	26.63	-13.00	-43.18	Horizontal



Site : 03CH20-HY
Condition: -13 1m BBHA9170_1223_250702 Vertical
: LTE B25 20M Ch26140 1RB0 QPSK

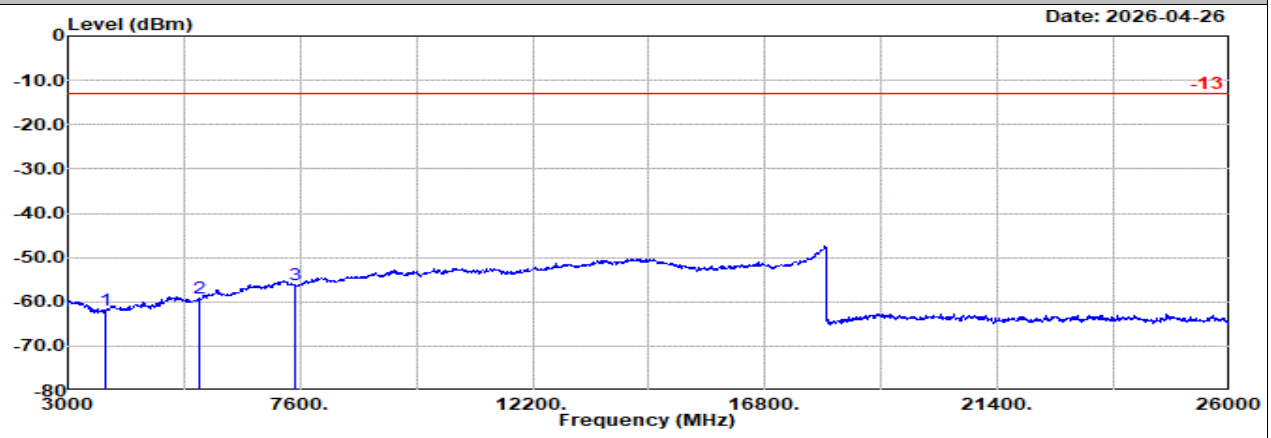
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3702.00	-62.00	RMS	29.71	-26.21	0.71	-95.23	29.02	-13.00	-49.00	Vertical
2	5553.00	-59.68	RMS	32.90	-25.76	0.48	-95.23	27.93	-13.00	-46.68	Vertical
3	7404.00	-56.00	RMS	36.41	-24.40	0.41	-95.23	26.81	-13.00	-43.00	Vertical

Ant. 1

Part 24E Mode 3

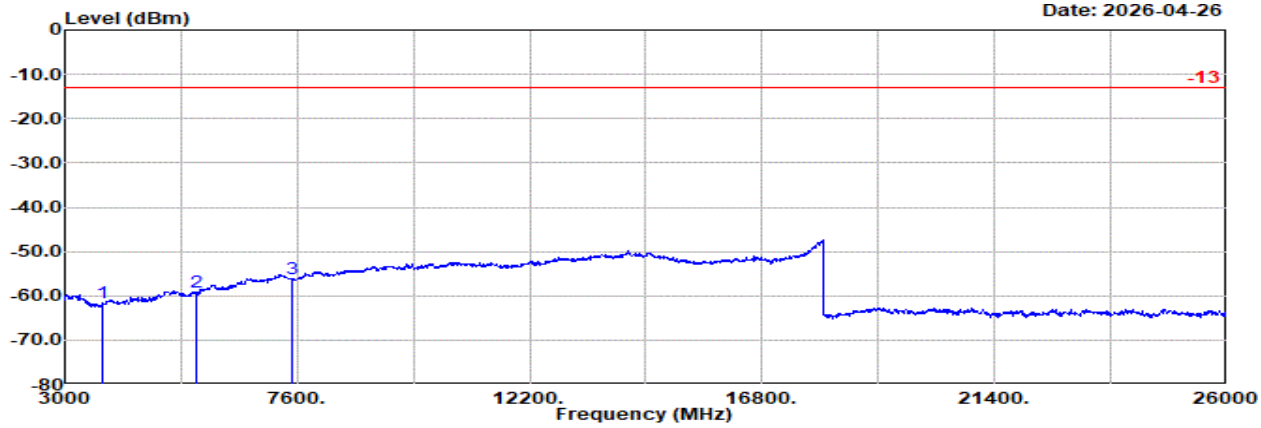
LTE B25 20M Ch26340 1RB0 QPSK

M



Site : 03CH20-HY
Condition: -13 1m BBHA9170_1223_250702 Horizontal
: LTE B25 20M Ch26340 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3742.00	-61.80	RMS	29.95	-26.25	0.66	-95.23	29.07	-13.00	-48.80	Horizontal
2	5613.00	-59.32	RMS	32.95	-25.70	0.47	-95.23	28.19	-13.00	-46.32	Horizontal
3	7484.00	-56.05	RMS	36.43	-24.41	0.41	-95.23	26.75	-13.00	-43.05	Horizontal



Site : 03CH20-HY
Condition: -13 1m BBHA9170_1223_250702 Vertical
: LTE B25 20M Ch26340 1RB0 QPSK

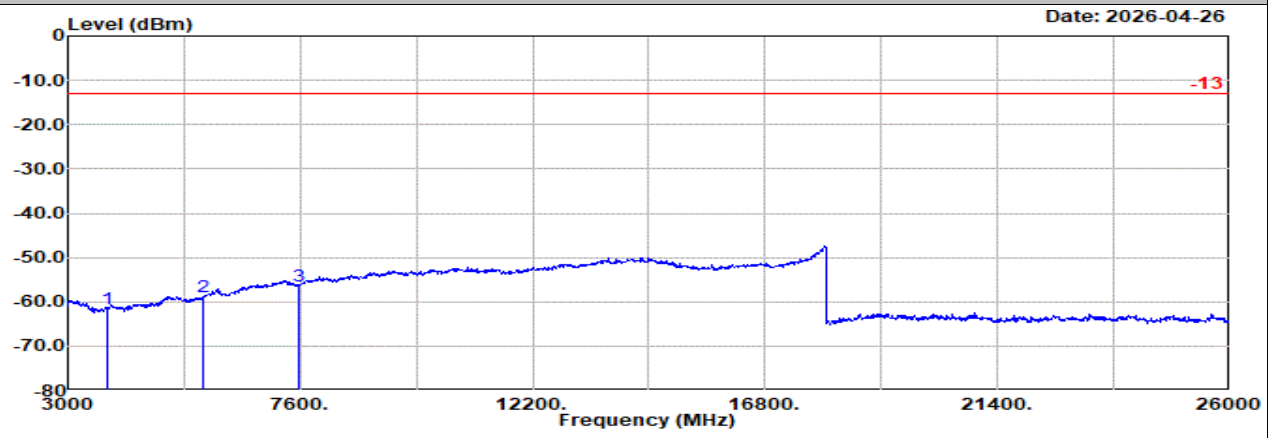
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3742.00	-61.63	RMS	29.95	-26.25	0.66	-95.23	29.24	-13.00	-48.63	Vertical
2	5613.00	-59.22	RMS	32.95	-25.70	0.47	-95.23	28.29	-13.00	-46.22	Vertical
3	7484.00	-56.07	RMS	36.43	-24.41	0.41	-95.23	26.73	-13.00	-43.07	Vertical

Ant. 1

Part 24E Mode 3

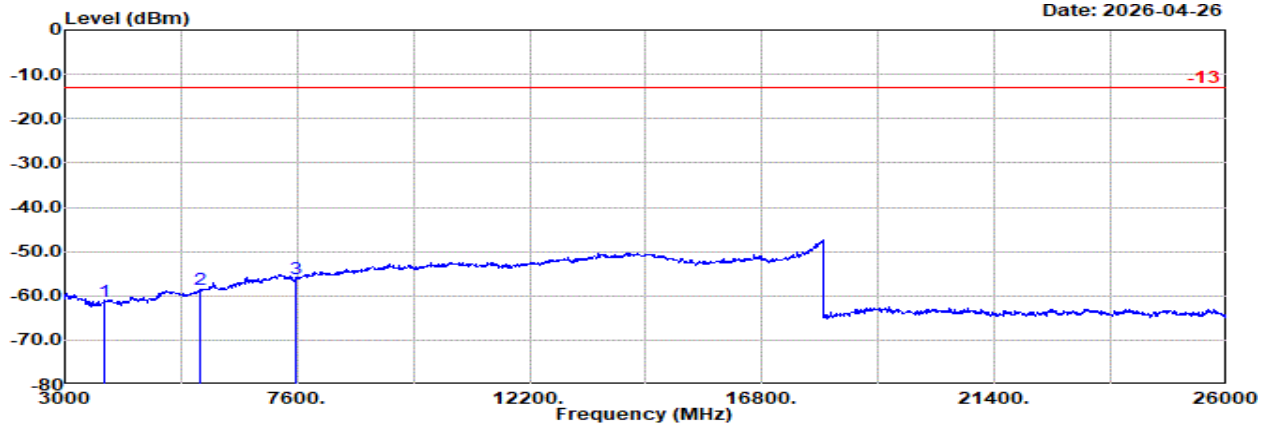
LTE B25 20M Ch26590 1RB0 QPSK

H



Site : 03CH20-HY
Condition: -13 1m BBHA9170_1223_250702 Horizontal
: LTE B25 20M Ch26590 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3792.00	-61.67	RMS	30.34	-26.30	0.60	-95.23	28.92	-13.00	-48.67	Horizontal
2	5688.00	-58.78	RMS	33.48	-25.62	0.46	-95.23	28.13	-13.00	-45.78	Horizontal
3	7584.00	-56.52	RMS	36.27	-24.41	0.42	-95.23	26.43	-13.00	-43.52	Horizontal



Site : 03CH20-HY
Condition: -13 1m BBHA9170_1223_250702 Vertical
: LTE B25 20M Ch26590 1RB0 QPSK

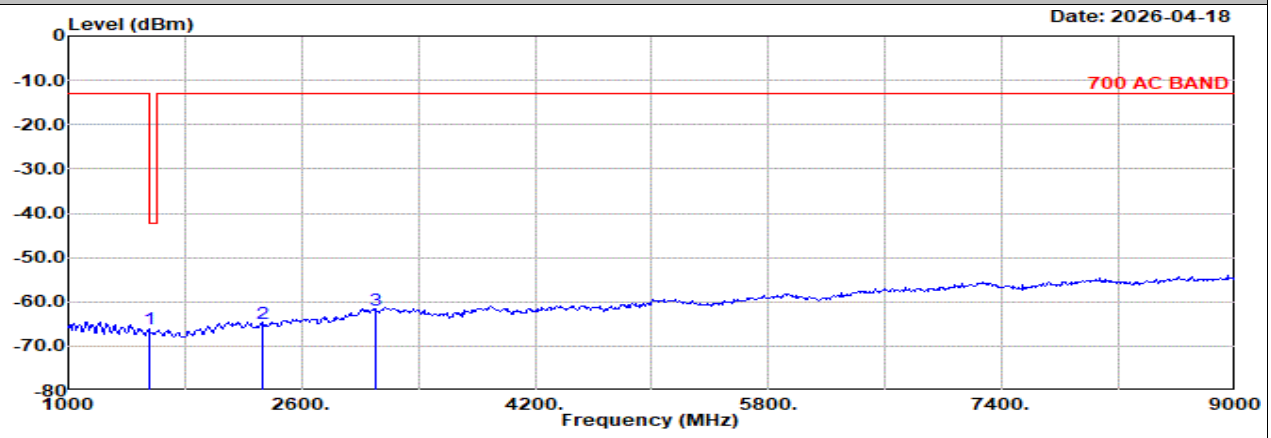
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3792.00	-61.40	RMS	30.34	-26.30	0.60	-95.23	29.19	-13.00	-48.40	Vertical
2	5688.00	-58.42	RMS	33.48	-25.62	0.46	-95.23	28.49	-13.00	-45.42	Vertical
3	7584.00	-56.24	RMS	36.27	-24.41	0.42	-95.23	26.71	-13.00	-43.24	Vertical

Ant. 2

Part 27F Mode 4

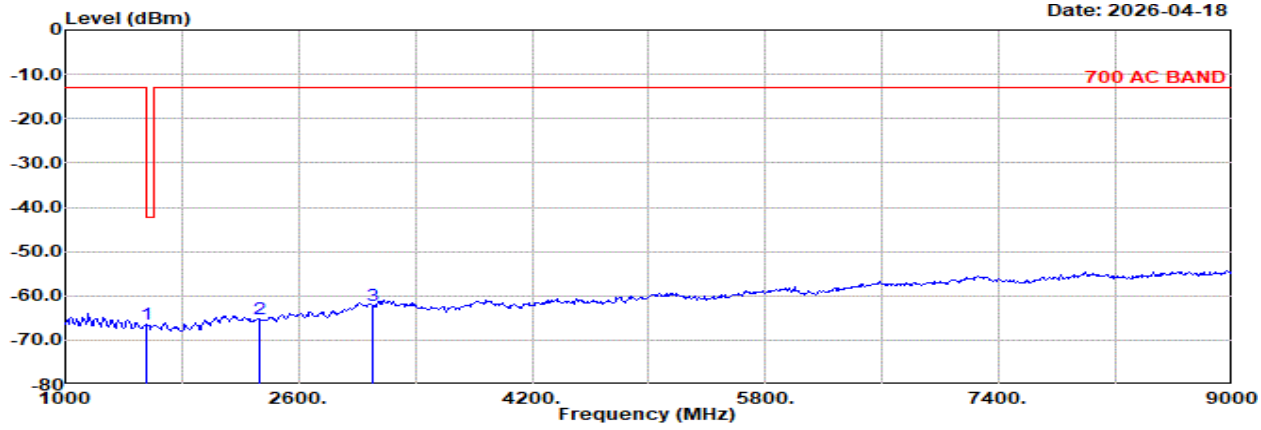
LTE B13 10M Ch23230 1RB0 QPSK

M



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Horizontal
: LTE B13 10M Ch23230 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1555.00	-66.08	RMS	25.15	-29.45	0.54	-95.23	32.91	-13.00	-53.08	Horizontal
2	2332.00	-65.03	RMS	27.20	-28.37	0.35	-95.23	31.02	-13.00	-52.03	Horizontal
3	3110.00	-61.99	RMS	29.62	-26.08	0.23	-95.23	29.47	-13.00	-48.99	Horizontal



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Vertical
: LTE B13 10M Ch23230 1RB0 QPSK

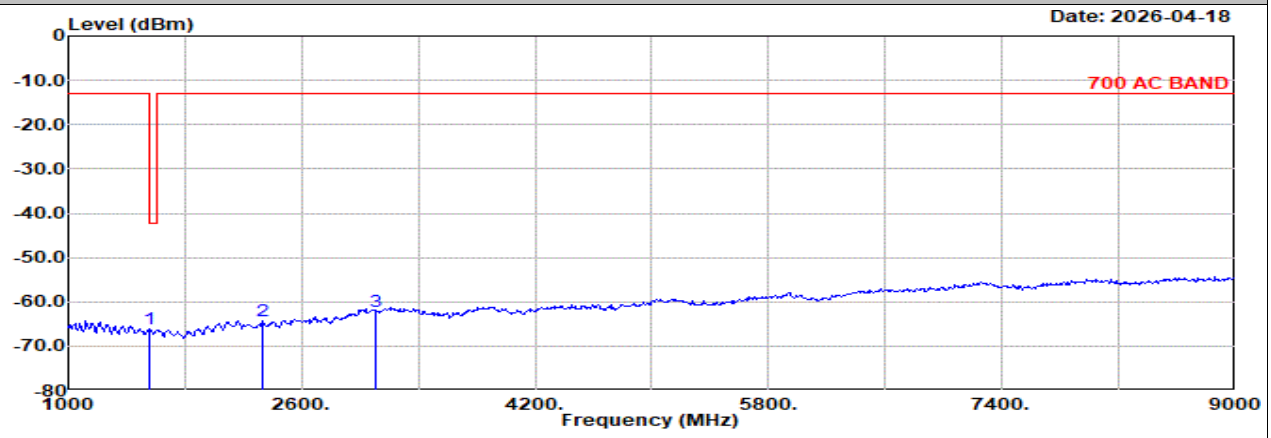
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1555.00	-66.38	RMS	25.15	-29.45	0.54	-95.23	32.61	-13.00	-53.38	Vertical
2	2332.00	-65.19	RMS	27.20	-28.37	0.35	-95.23	30.86	-13.00	-52.19	Vertical
3	3110.00	-62.17	RMS	29.62	-26.08	0.23	-95.23	29.29	-13.00	-49.17	Vertical

Ant. 2

Part 27F Mode 5

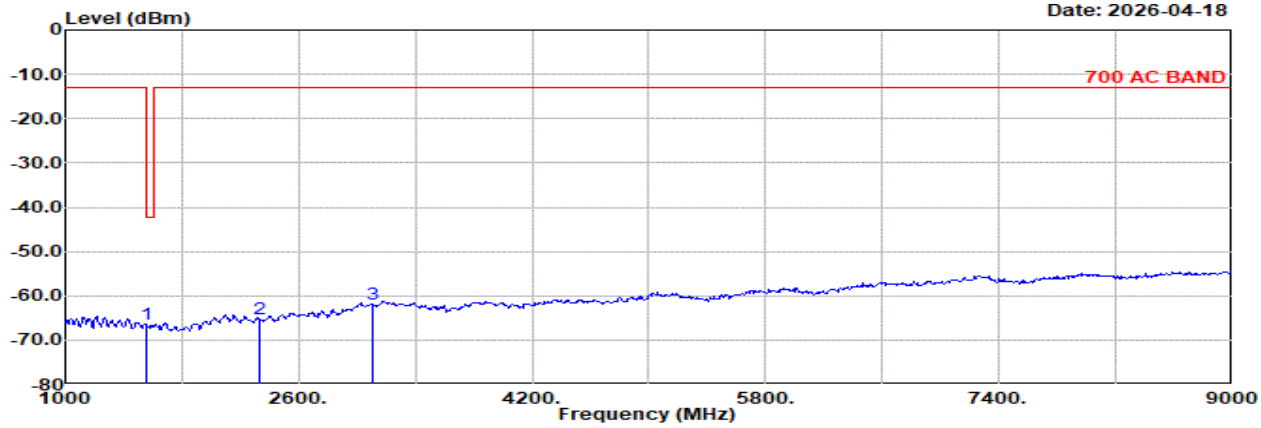
LTE B13 5M Ch23205 1RB0 QPSK

L



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Horizontal
: LTE B13 5M Ch23205 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1554.00	-66.13	RMS	25.16	-29.45	0.54	-95.23	32.85	-13.00	-53.13	Horizontal
2	2332.00	-64.16	RMS	27.20	-28.37	0.35	-95.23	31.89	-13.00	-51.16	Horizontal
3	3109.00	-62.22	RMS	29.62	-26.08	0.23	-95.23	29.24	-13.00	-49.22	Horizontal



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Vertical
: LTE B13 5M Ch23205 1RB0 QPSK

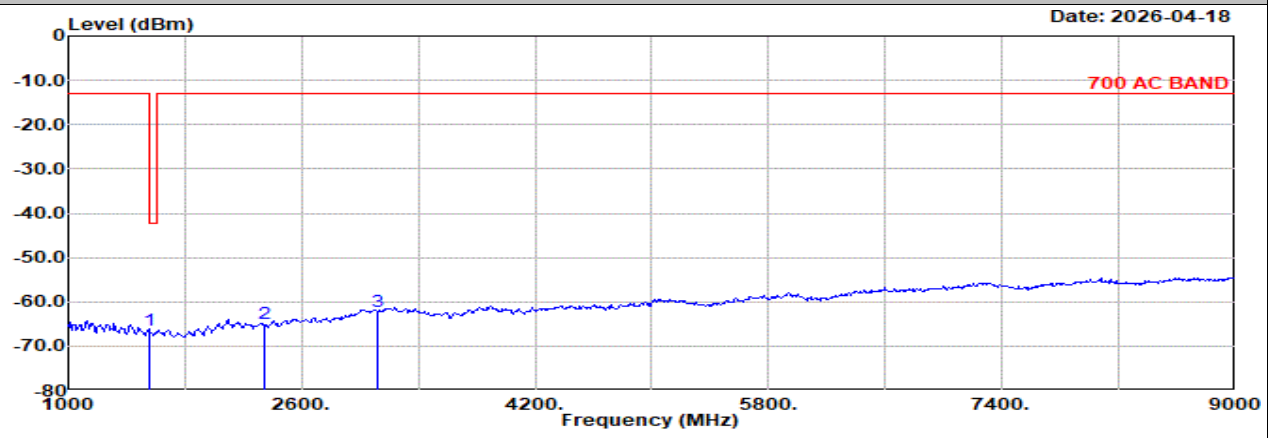
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1554.00	-66.34	RMS	25.16	-29.45	0.54	-95.23	32.64	-13.00	-53.34	Vertical
2	2332.00	-65.16	RMS	27.20	-28.37	0.35	-95.23	30.89	-13.00	-52.16	Vertical
3	3109.00	-61.92	RMS	29.62	-26.08	0.23	-95.23	29.54	-13.00	-48.92	Vertical

Ant. 2

Part 27F Mode 5

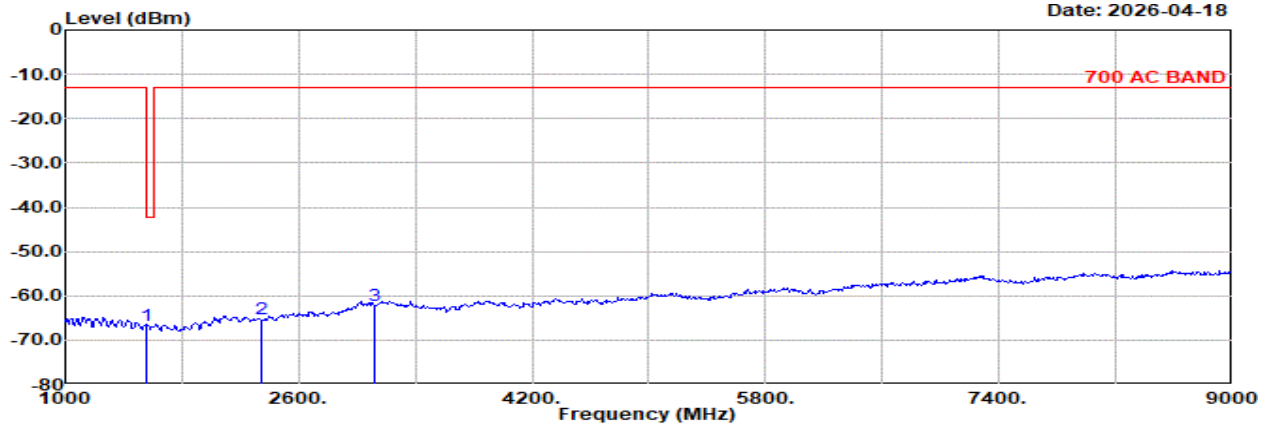
LTE B13 5M Ch23230 1RB0 QPSK

M



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Horizontal
: LTE B13 5M Ch23230 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1559.00	-66.49	RMS	25.11	-29.45	0.54	-95.23	32.54	-42.15	-24.34	Horizontal
2	2339.00	-65.04	RMS	27.20	-28.36	0.35	-95.23	31.00	-13.00	-52.04	Horizontal
3	3119.00	-62.06	RMS	29.64	-26.05	0.23	-95.23	29.35	-13.00	-49.06	Horizontal



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Vertical
: LTE B13 5M Ch23230 1RB0 QPSK

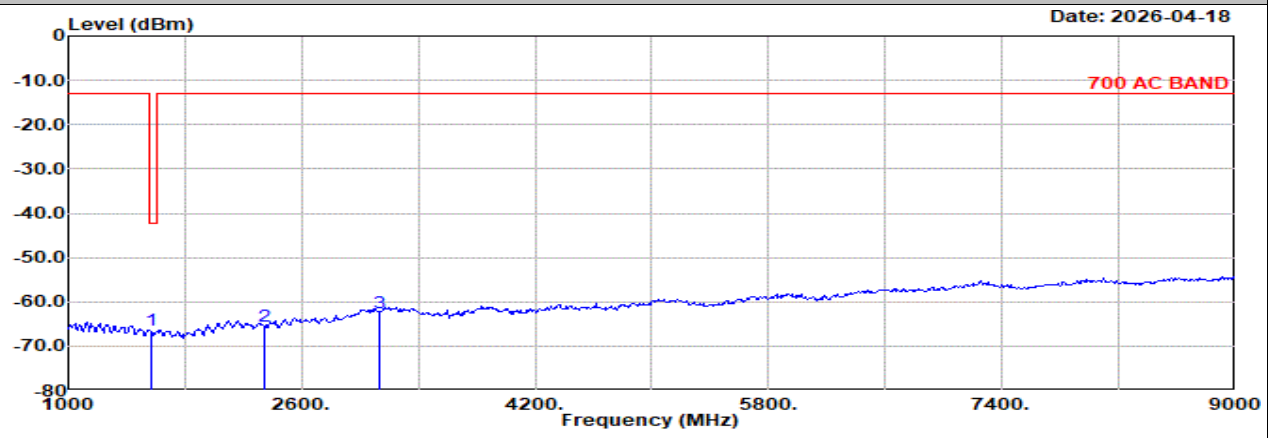
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1559.00	-66.70	RMS	25.11	-29.45	0.54	-95.23	32.33	-42.15	-24.55	Vertical
2	2339.00	-65.11	RMS	27.20	-28.36	0.35	-95.23	30.93	-13.00	-52.11	Vertical
3	3119.00	-62.32	RMS	29.64	-26.05	0.23	-95.23	29.09	-13.00	-49.32	Vertical

Ant. 2

Part 27F Mode 5

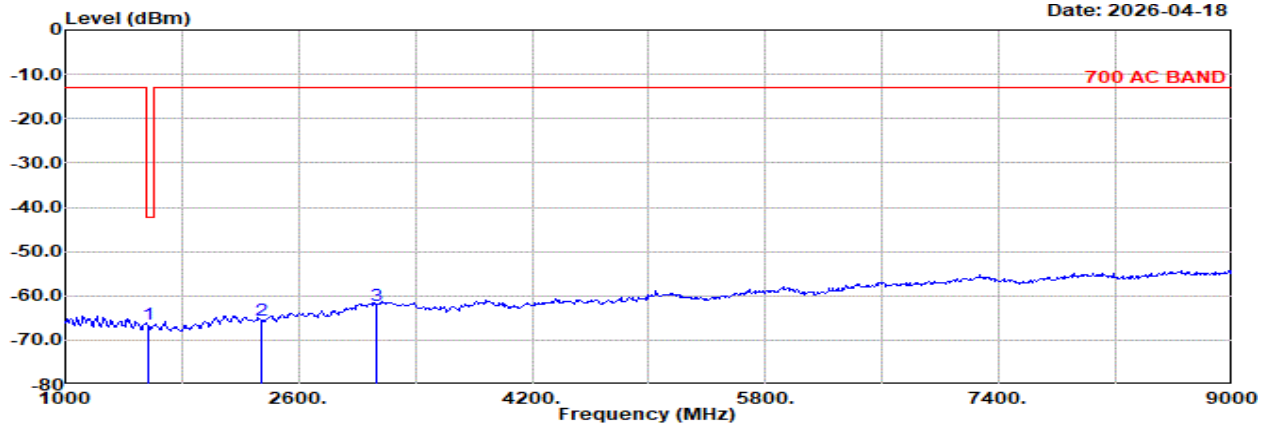
LTE B13 5M Ch23255 1RB0 QPSK

H



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Horizontal
: LTE B13 5M Ch23255 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1564.00	-66.31	RMS	25.14	-29.44	0.54	-95.23	32.68	-42.15	-24.16	Horizontal
2	2347.00	-65.56	RMS	27.27	-28.34	0.35	-95.23	30.39	-13.00	-52.56	Horizontal
3	3129.00	-62.45	RMS	29.66	-26.01	0.23	-95.23	28.90	-13.00	-49.45	Horizontal



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Vertical
: LTE B13 5M Ch23255 1RB0 QPSK

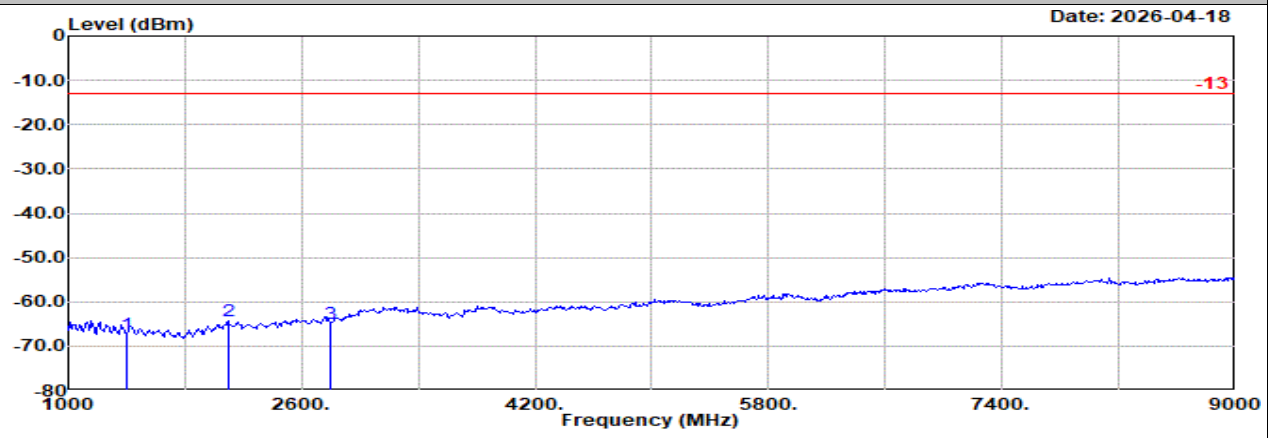
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1564.00	-66.51	RMS	25.14	-29.44	0.54	-95.23	32.48	-42.15	-24.36	Vertical
2	2347.00	-65.47	RMS	27.27	-28.34	0.35	-95.23	30.48	-13.00	-52.47	Vertical
3	3129.00	-62.33	RMS	29.66	-26.01	0.23	-95.23	29.02	-13.00	-49.33	Vertical

Ant. 2

Part 27H Mode 6

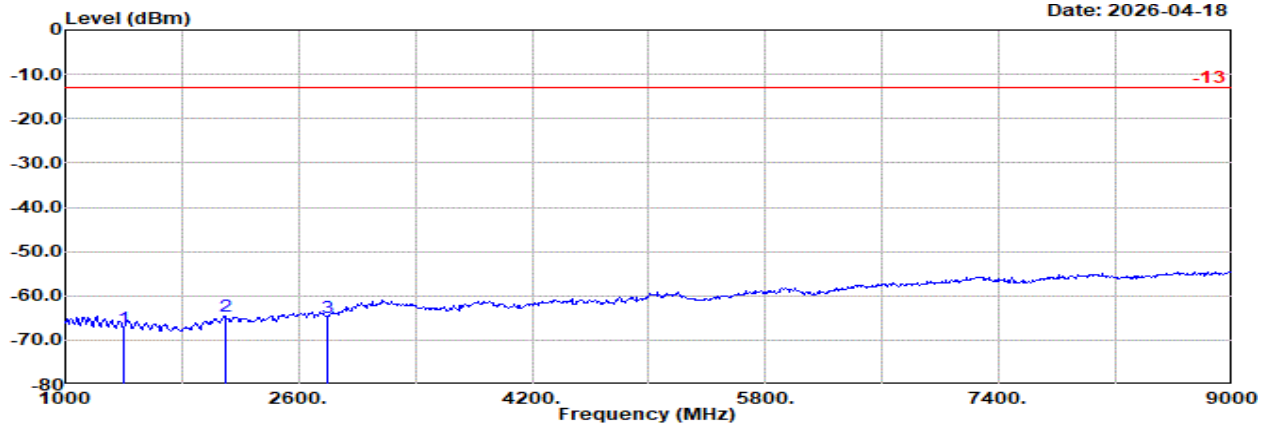
LTE B12 10M Ch23060 1RB0 QPSK

L



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B12 10M Ch23060 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1399.00	-67.30	RMS	25.81	-29.64	0.62	-95.23	31.14	-13.00	-54.30	Horizontal
2	2098.00	-64.19	RMS	27.40	-28.80	0.41	-95.23	32.03	-13.00	-51.19	Horizontal
3	2798.00	-64.82	RMS	28.40	-27.30	0.26	-95.23	29.05	-13.00	-51.82	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B12 10M Ch23060 1RB0 QPSK

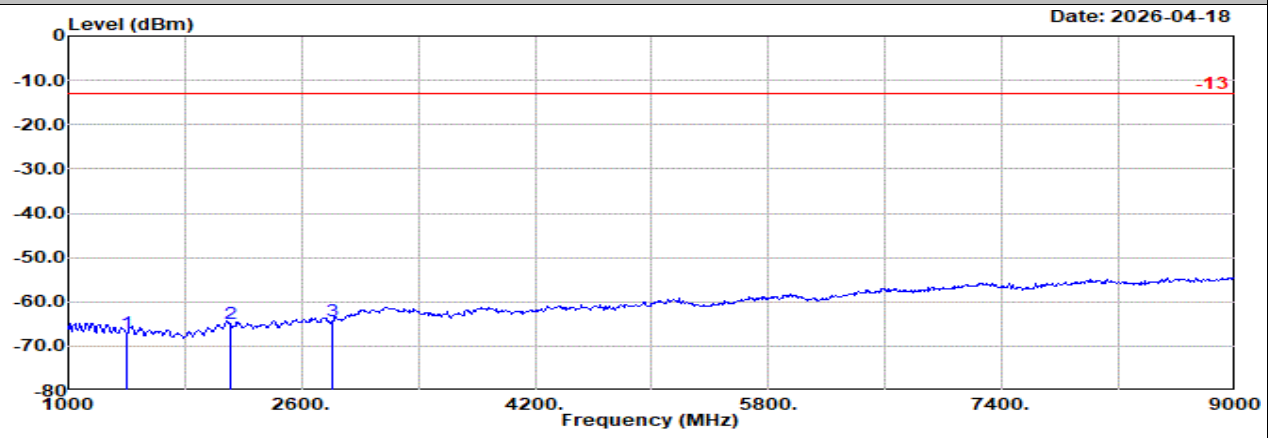
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1399.00	-67.30	RMS	25.81	-29.64	0.62	-95.23	31.14	-13.00	-54.30	Vertical
2	2098.00	-64.54	RMS	27.40	-28.80	0.41	-95.23	31.68	-13.00	-51.54	Vertical
3	2798.00	-65.00	RMS	28.40	-27.30	0.26	-95.23	28.87	-13.00	-52.00	Vertical

Ant. 2

Part 27H Mode 6

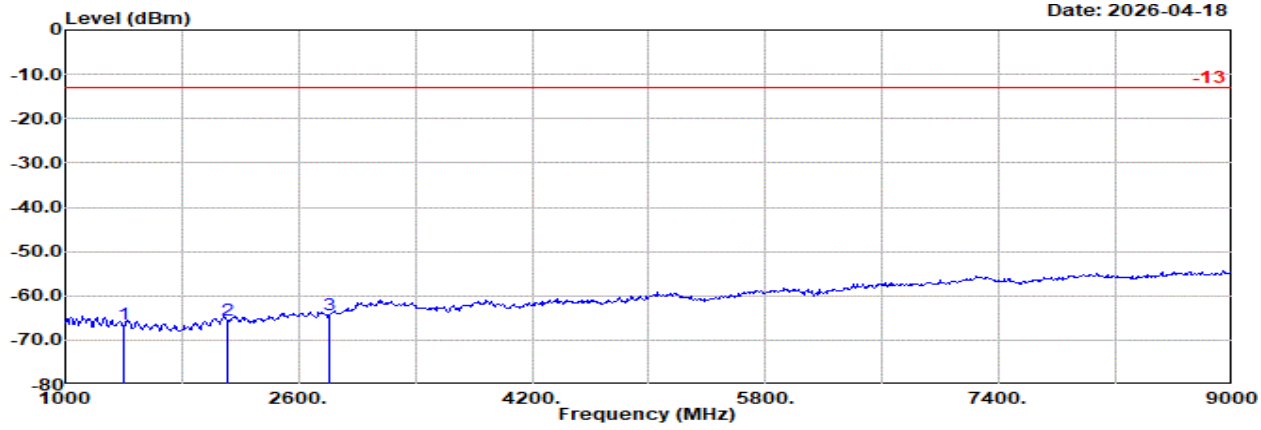
LTE B12 10M Ch23095 1RB0 QPSK

M



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B12 10M Ch23095 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1406.00	-66.94	RMS	25.74	-29.63	0.62	-95.23	31.56	-13.00	-53.94	Horizontal
2	2109.00	-64.82	RMS	27.49	-28.78	0.40	-95.23	31.30	-13.00	-51.82	Horizontal
3	2812.00	-64.43	RMS	28.40	-27.24	0.26	-95.23	29.38	-13.00	-51.43	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B12 10M Ch23095 1RB0 QPSK

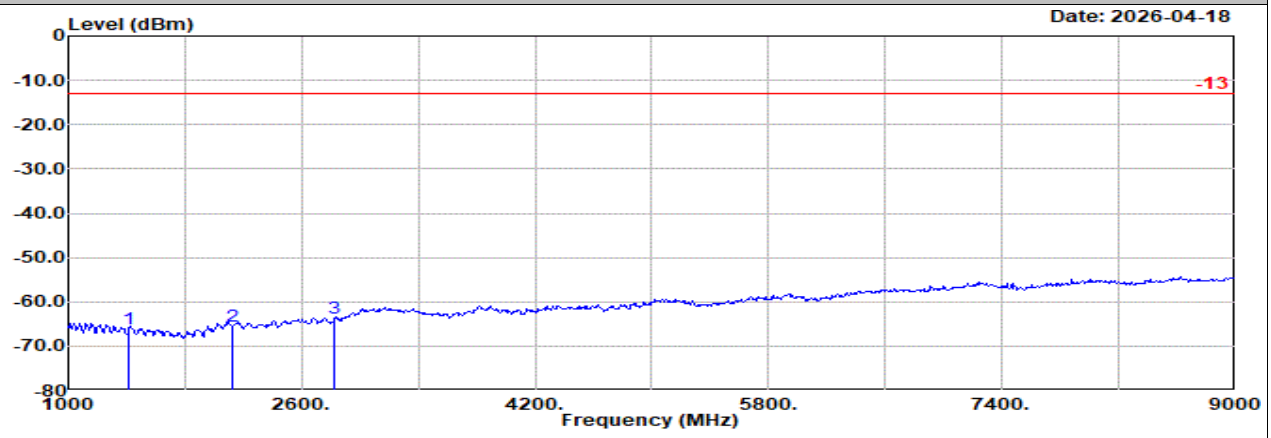
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1406.00	-66.47	RMS	25.74	-29.63	0.62	-95.23	32.03	-13.00	-53.47	Vertical
2	2109.00	-65.39	RMS	27.49	-28.78	0.40	-95.23	30.73	-13.00	-52.39	Vertical
3	2812.00	-64.42	RMS	28.40	-27.24	0.26	-95.23	29.39	-13.00	-51.42	Vertical

Ant. 2

Part 27H Mode 6

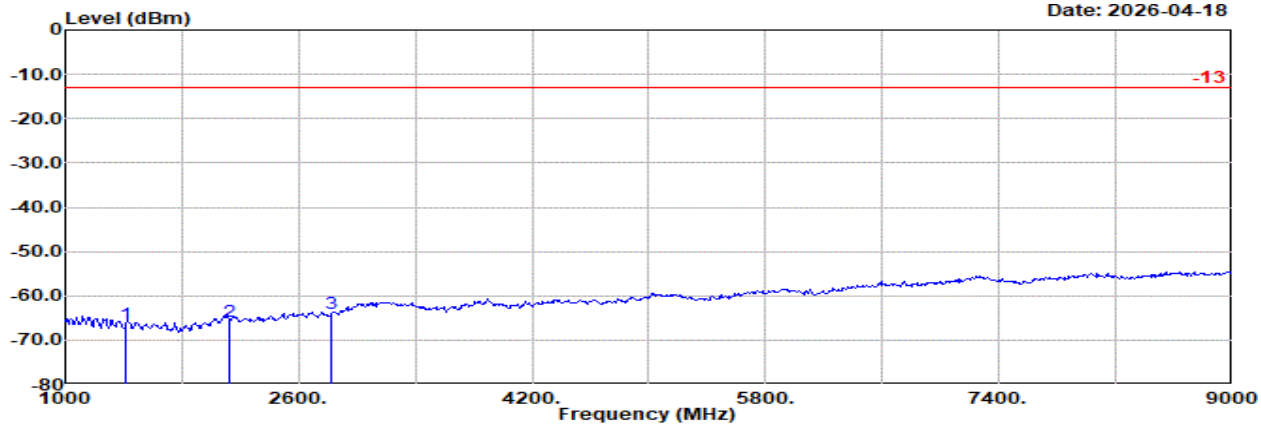
LTE B12 10M Ch23130 1RB0 QPSK

H



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B12 10M Ch23130 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1413.00	-66.11	RMS	25.70	-29.62	0.61	-95.23	32.43	-13.00	-53.11	Horizontal
2	2119.00	-65.56	RMS	27.59	-28.76	0.40	-95.23	30.44	-13.00	-52.56	Horizontal
3	2826.00	-63.83	RMS	28.40	-27.18	0.26	-95.23	29.92	-13.00	-50.83	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B12 10M Ch23130 1RB0 QPSK

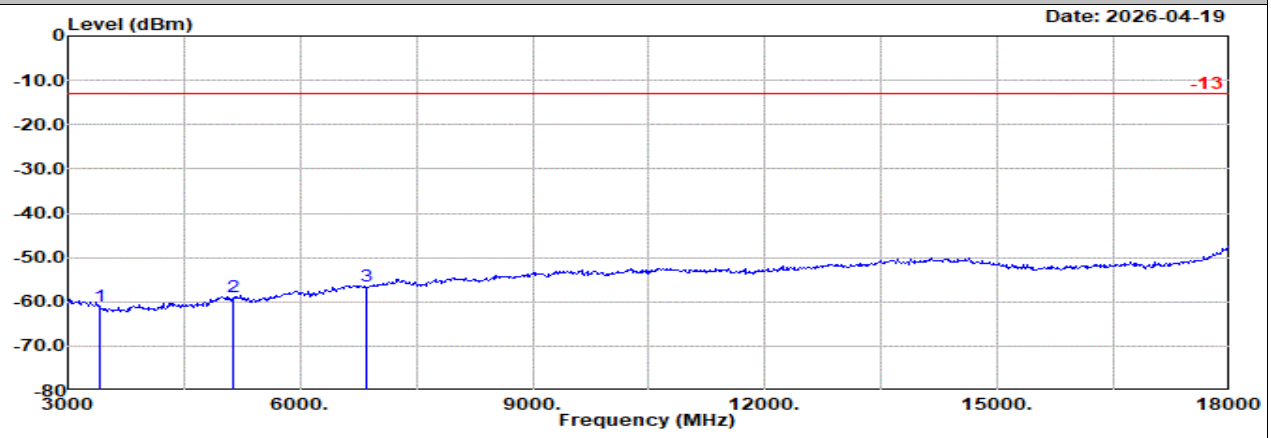
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1413.00	-66.35	RMS	25.70	-29.62	0.61	-95.23	32.19	-13.00	-53.35	Vertical
2	2119.00	-65.72	RMS	27.59	-28.76	0.40	-95.23	30.28	-13.00	-52.72	Vertical
3	2826.00	-64.12	RMS	28.40	-27.18	0.26	-95.23	29.63	-13.00	-51.12	Vertical

Ant. 1

Part 27L Mode 8

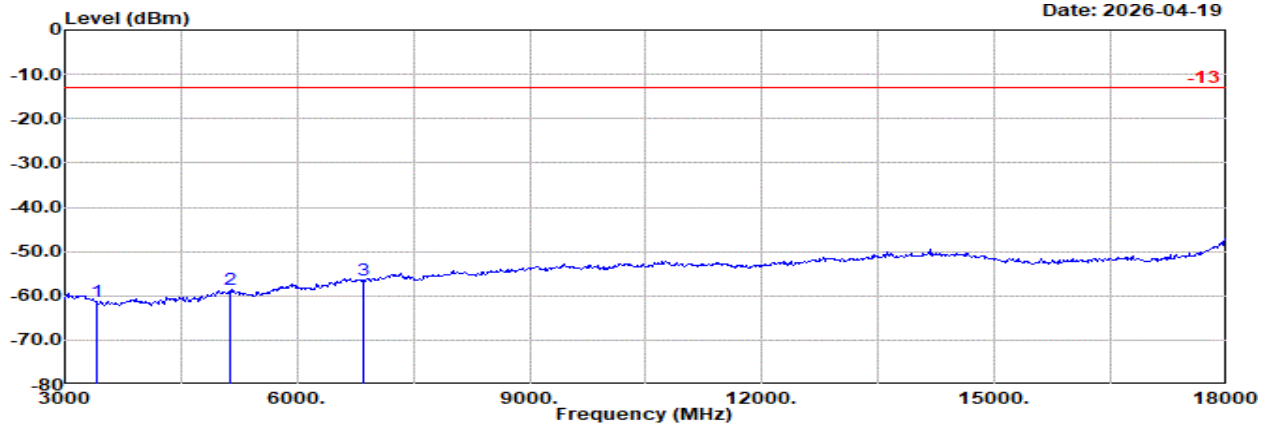
LTE B66 20M Ch132072 1RB0 QPSK

L



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B66 20M Ch132072 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3422.00	-61.03	RMS	29.51	-25.88	1.05	-95.23	29.52	-13.00	-48.03	Horizontal
2	5133.00	-59.00	RMS	33.03	-26.10	0.51	-95.23	28.79	-13.00	-46.00	Horizontal
3	6844.00	-56.58	RMS	35.81	-24.50	0.46	-95.23	26.88	-13.00	-43.58	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B66 20M Ch132072 1RB0 QPSK

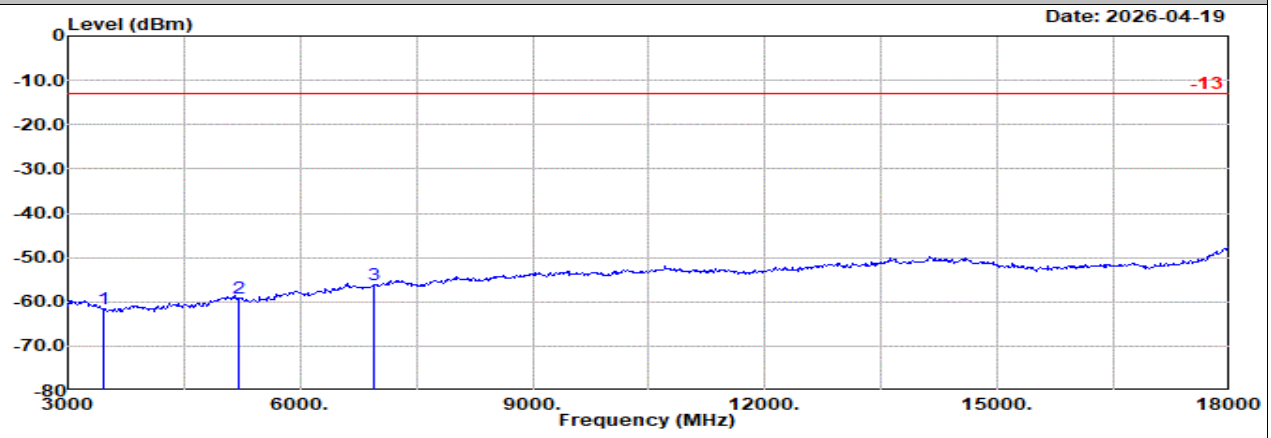
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3422.00	-61.21	RMS	29.51	-25.88	1.05	-95.23	29.34	-13.00	-48.21	Vertical
2	5133.00	-58.66	RMS	33.03	-26.10	0.51	-95.23	29.13	-13.00	-45.66	Vertical
3	6844.00	-56.43	RMS	35.81	-24.50	0.46	-95.23	27.03	-13.00	-43.43	Vertical

Ant. 1

Part 27L Mode 8

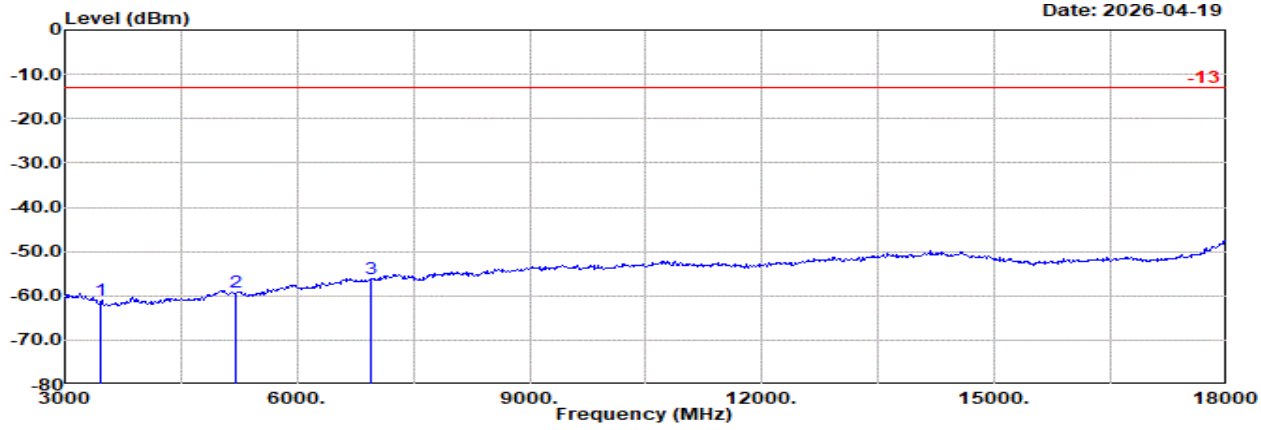
LTE B66 20M Ch132322 1RB0 QPSK

M



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B66 20M Ch132322 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3472.00	-61.64	RMS	29.36	-25.97	0.99	-95.23	29.21	-13.00	-48.64	Horizontal
2	5208.00	-59.26	RMS	33.08	-26.05	0.51	-95.23	28.43	-13.00	-46.26	Horizontal
3	6944.00	-56.22	RMS	35.90	-24.46	0.46	-95.23	27.11	-13.00	-43.22	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B66 20M Ch132322 1RB0 QPSK

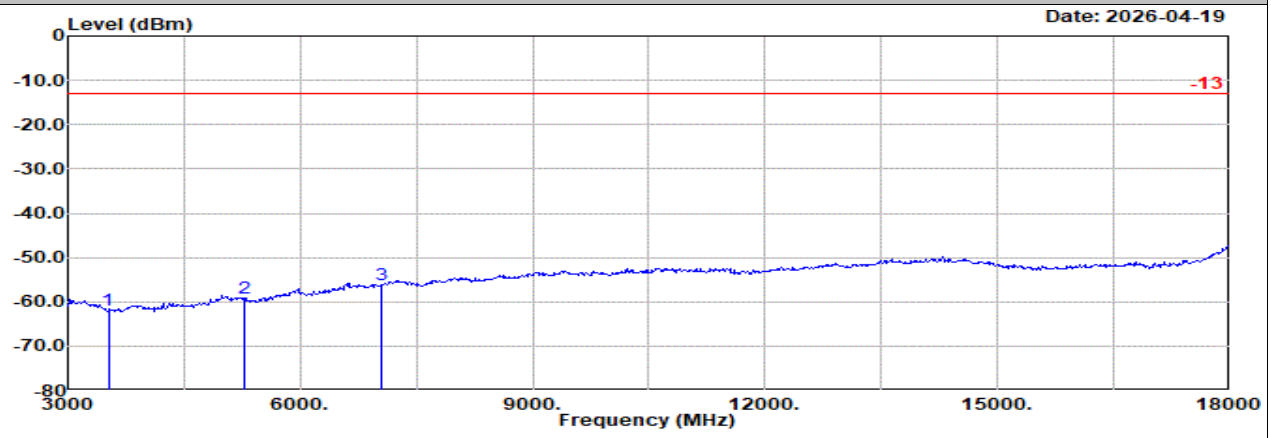
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3472.00	-61.11	RMS	29.36	-25.97	0.99	-95.23	29.74	-13.00	-48.11	Vertical
2	5208.00	-59.27	RMS	33.08	-26.05	0.51	-95.23	28.42	-13.00	-46.27	Vertical
3	6944.00	-56.29	RMS	35.90	-24.46	0.46	-95.23	27.04	-13.00	-43.29	Vertical

Ant. 1

Part 27L Mode 8

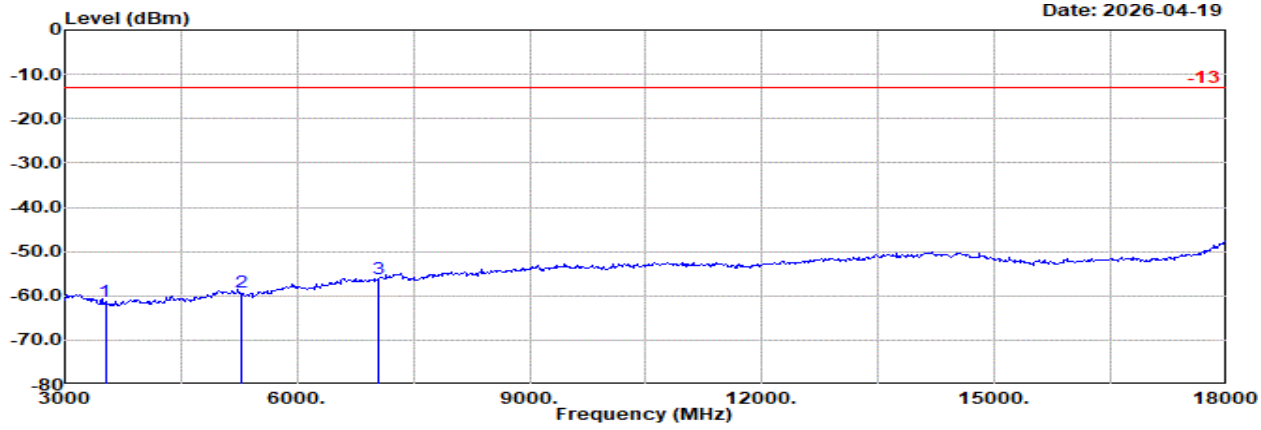
LTE B66 20M Ch132572 1RB0 QPSK

H



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B66 20M Ch132572 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3522.00	-61.82	RMS	29.39	-26.04	0.93	-95.23	29.13	-13.00	-48.82	Horizontal
2	5283.00	-59.31	RMS	32.87	-25.99	0.52	-95.23	28.52	-13.00	-46.31	Horizontal
3	7044.00	-56.23	RMS	36.08	-24.44	0.44	-95.23	26.92	-13.00	-43.23	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B66 20M Ch132572 1RB0 QPSK

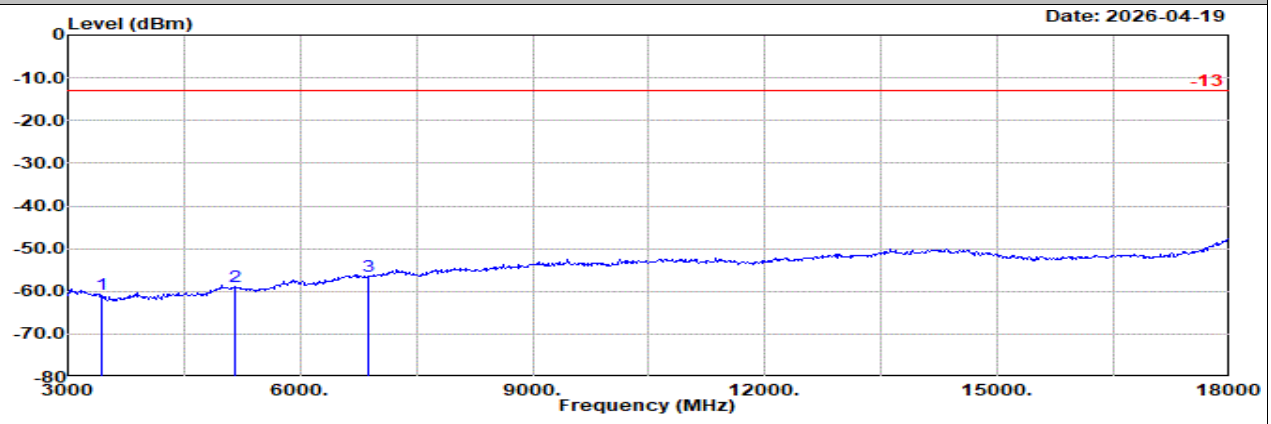
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3522.00	-61.19	RMS	29.39	-26.04	0.93	-95.23	29.76	-13.00	-48.19	Vertical
2	5283.00	-59.11	RMS	32.87	-25.99	0.52	-95.23	28.72	-13.00	-46.11	Vertical
3	7044.00	-56.17	RMS	36.08	-24.44	0.44	-95.23	26.98	-13.00	-43.17	Vertical

Ant. 1

Part 27L Mode 9

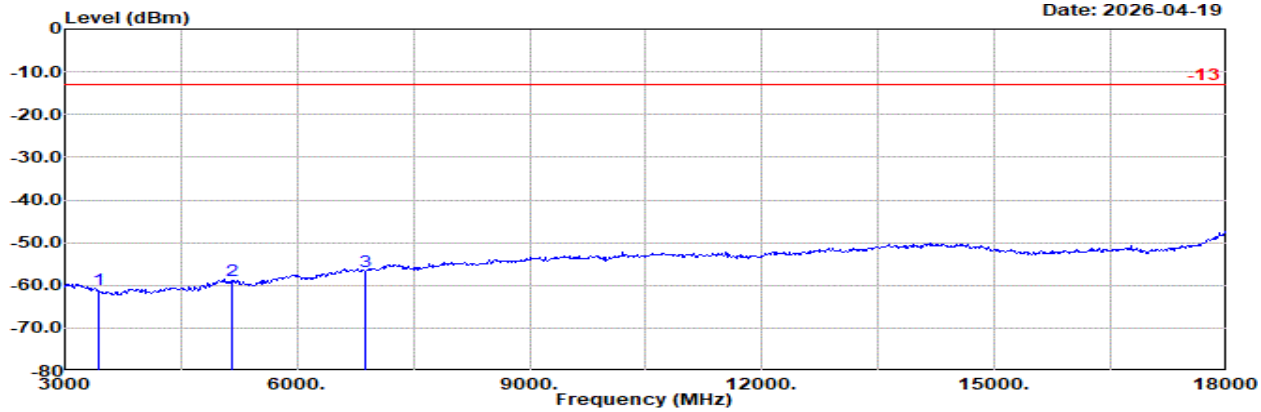
LTE CA B66B 10M + 10M Ch132022 1RB49 QPSK + Ch132121 1RB0 QPSK

L



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B66 10M Ch132022 1RB49 QPSK
: LTE B66 10M Ch132121 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3439.00	-60.59	RMS	29.44	-25.91	1.03	-95.23	30.08	-13.00	-47.59	Horizontal
2	5158.00	-58.96	RMS	33.10	-26.08	0.51	-95.23	28.74	-13.00	-45.96	Horizontal
3	6878.00	-56.53	RMS	35.86	-24.49	0.46	-95.23	26.87	-13.00	-43.53	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B66 10M Ch132022 1RB49 QPSK
: LTE B66 10M Ch132121 1RB0 QPSK

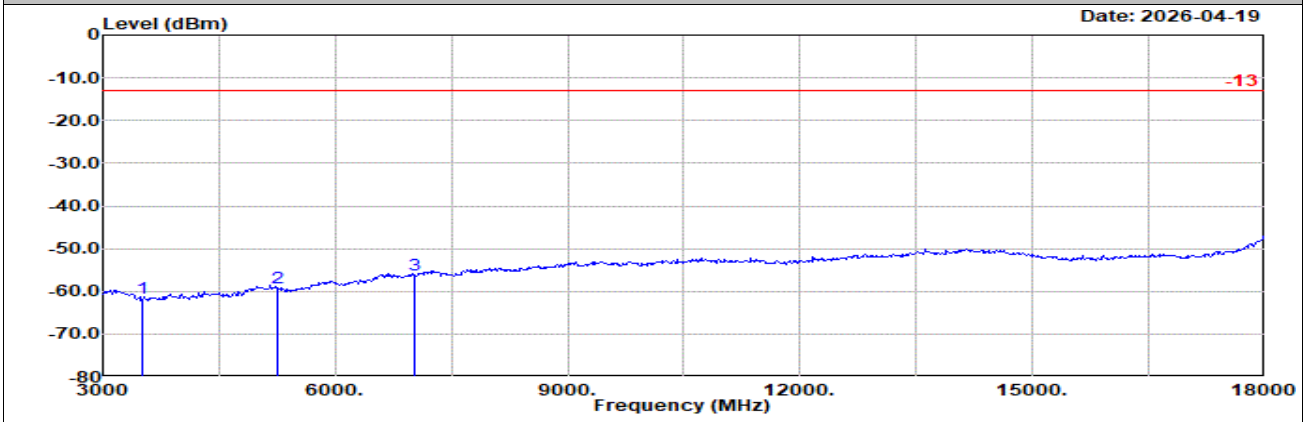
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3439.00	-61.13	RMS	29.44	-25.91	1.03	-95.23	29.54	-13.00	-48.13	Vertical
2	5158.00	-58.90	RMS	33.10	-26.08	0.51	-95.23	28.80	-13.00	-45.90	Vertical
3	6878.00	-56.62	RMS	35.86	-24.49	0.46	-95.23	26.78	-13.00	-43.62	Vertical

Ant. 1

Part 27L Mode 9

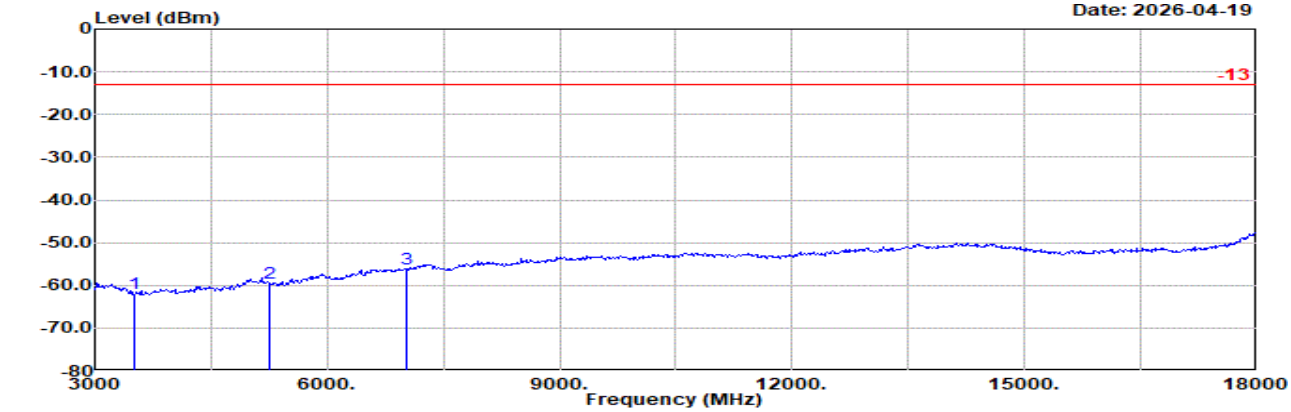
LTE CA B66B 10M + 10M Ch132373 1RB49 QPSK + Ch132472 1RB0 QPSK

M



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B66 10M Ch132373 1RB49 QPSK
: LTE B66 10M Ch132472 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3509.00	-61.72	RMS	29.34	-26.03	0.94	-95.23	29.26	-13.00	-48.72	Horizontal
2	5264.00	-59.16	RMS	32.94	-26.00	0.52	-95.23	28.61	-13.00	-46.16	Horizontal
3	7018.00	-56.06	RMS	35.97	-24.44	0.45	-95.23	27.19	-13.00	-43.06	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B66 10M Ch132373 1RB49 QPSK
: LTE B66 10M Ch132472 1RB0 QPSK

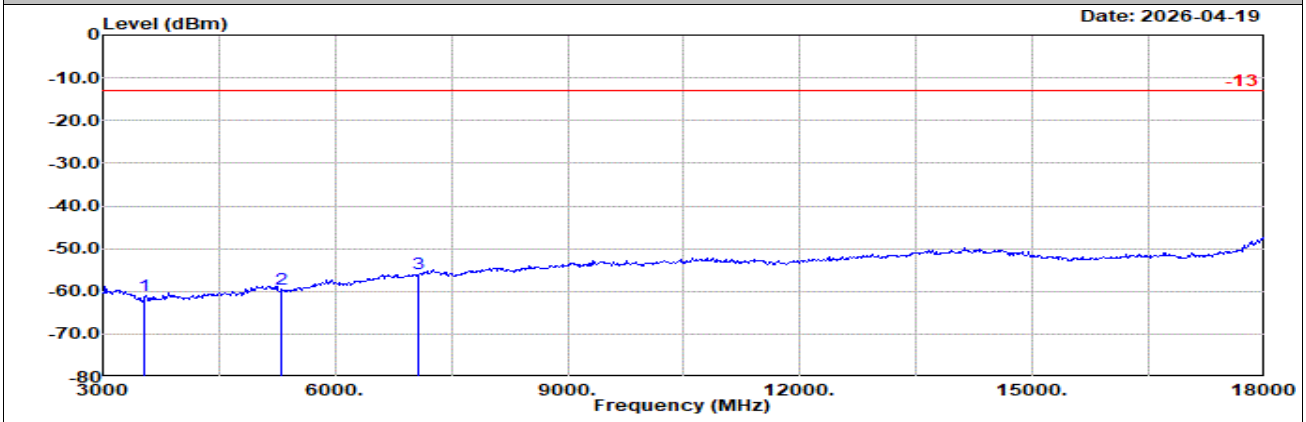
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3509.00	-61.81	RMS	29.34	-26.03	0.94	-95.23	29.17	-13.00	-48.81	Vertical
2	5264.00	-59.55	RMS	32.94	-26.00	0.52	-95.23	28.22	-13.00	-46.55	Vertical
3	7018.00	-56.15	RMS	35.97	-24.44	0.45	-95.23	27.10	-13.00	-43.15	Vertical

Ant. 1

Part 27L Mode 9

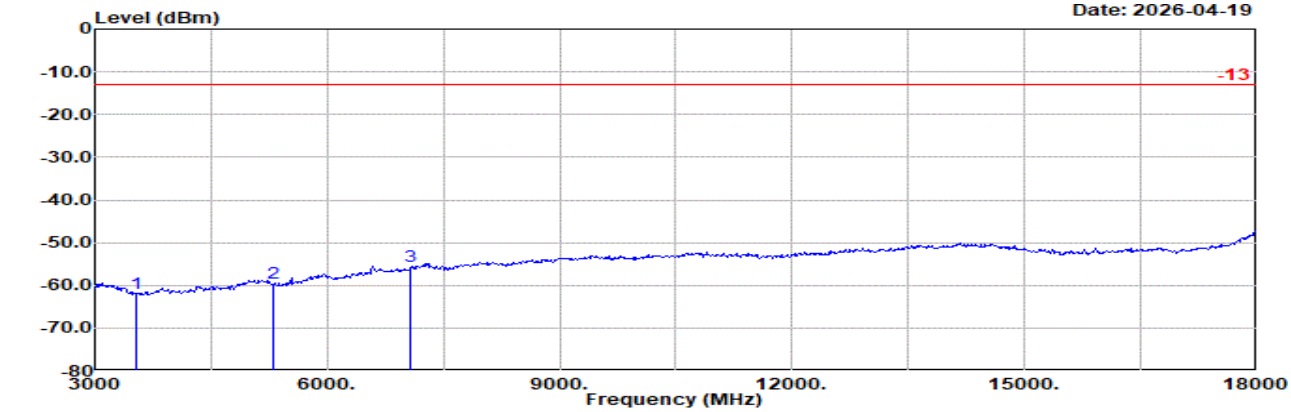
LTE CA B66B 10M + 10M Ch132523 1RB49 QPSK + Ch132622 1RB0 QPSK

H



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B66 10M Ch132523 1RB49 QPSK
: LTE B66 10M Ch132622 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3539.00	-61.12	RMS	29.46	-26.05	0.91	-95.23	29.79	-13.00	-48.12	Horizontal
2	5309.00	-59.35	RMS	32.82	-25.96	0.52	-95.23	28.50	-13.00	-46.35	Horizontal
3	7078.00	-55.81	RMS	36.27	-24.45	0.42	-95.23	27.18	-13.00	-42.81	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B66 10M Ch132523 1RB49 QPSK
: LTE B66 10M Ch132622 1RB0 QPSK

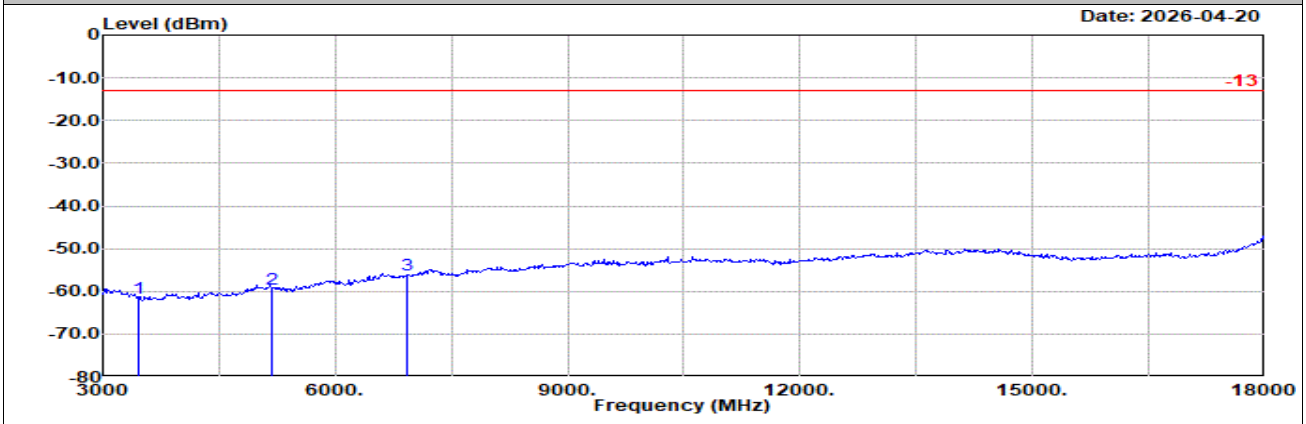
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3539.00	-61.78	RMS	29.46	-26.05	0.91	-95.23	29.13	-13.00	-48.78	Vertical
2	5309.00	-59.60	RMS	32.82	-25.96	0.52	-95.23	28.25	-13.00	-46.60	Vertical
3	7078.00	-55.67	RMS	36.27	-24.45	0.42	-95.23	27.32	-13.00	-42.67	Vertical

Ant. 1

Part 27L Mode 10

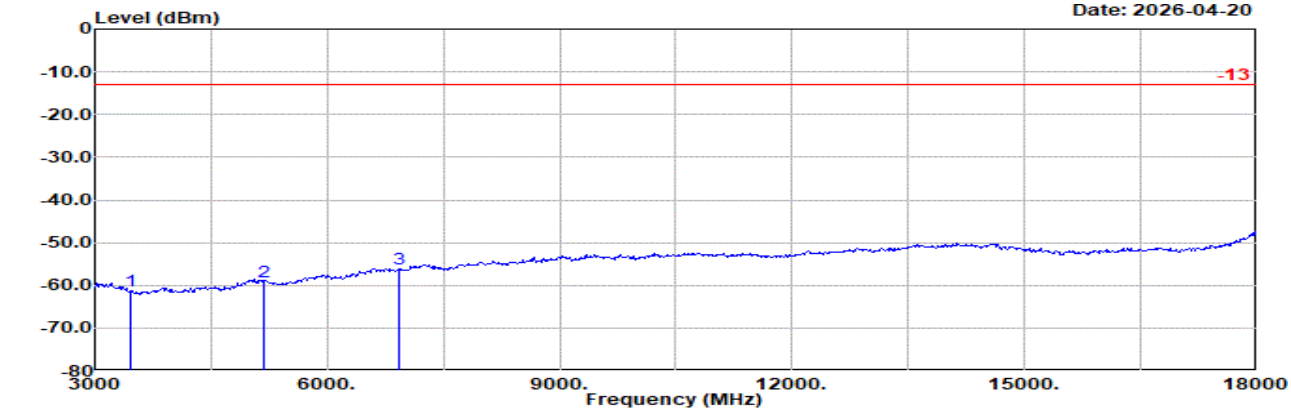
LTE CA B66C 20M + 20M Ch132072 1RB99 QPSK + Ch132270 1RB0 QPSK

L



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B66 20M Ch132072 1RB99 QPSK
: LTE B66 20M Ch132270 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3458.00	-61.61	RMS	29.38	-25.94	1.01	-95.23	29.17	-13.00	-48.61	Horizontal
2	5187.00	-59.39	RMS	33.10	-26.07	0.51	-95.23	28.30	-13.00	-46.39	Horizontal
3	6916.00	-56.03	RMS	35.90	-24.47	0.46	-95.23	27.31	-13.00	-43.03	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B66 20M Ch132072 1RB99 QPSK
: LTE B66 20M Ch132270 1RB0 QPSK

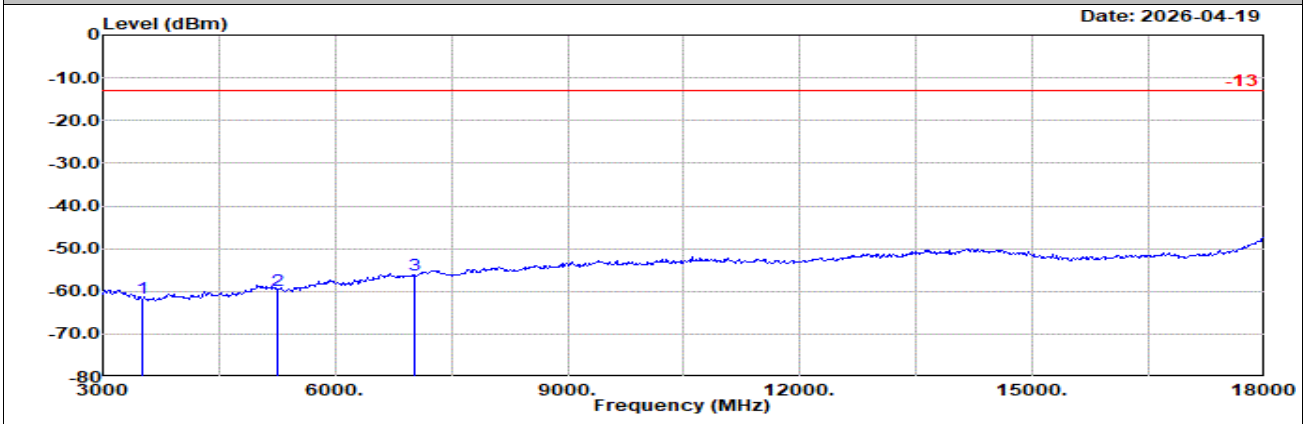
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3458.00	-61.22	RMS	29.38	-25.94	1.01	-95.23	29.56	-13.00	-48.22	Vertical
2	5187.00	-59.14	RMS	33.10	-26.07	0.51	-95.23	28.55	-13.00	-46.14	Vertical
3	6916.00	-56.09	RMS	35.90	-24.47	0.46	-95.23	27.25	-13.00	-43.09	Vertical

Ant. 1

Part 27L Mode 10

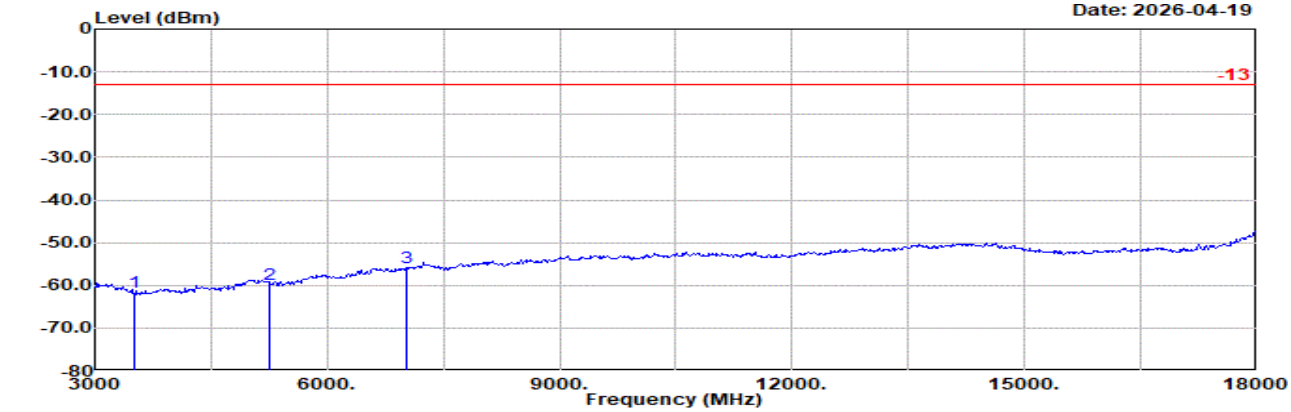
LTE CA B66C 20M + 20M Ch132323 1RB99 QPSK + Ch132521 1RB0 QPSK

M



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B66 20M Ch132323 1RB99 QPSK
: LTE B66 20M Ch132521 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3508.00	-61.61	RMS	29.33	-26.03	0.94	-95.23	29.38	-13.00	-48.61	Horizontal
2	5262.00	-59.77	RMS	32.95	-26.00	0.52	-95.23	27.99	-13.00	-46.77	Horizontal
3	7016.00	-56.27	RMS	35.96	-24.44	0.45	-95.23	26.99	-13.00	-43.27	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B66 20M Ch132323 1RB99 QPSK
: LTE B66 20M Ch132521 1RB0 QPSK

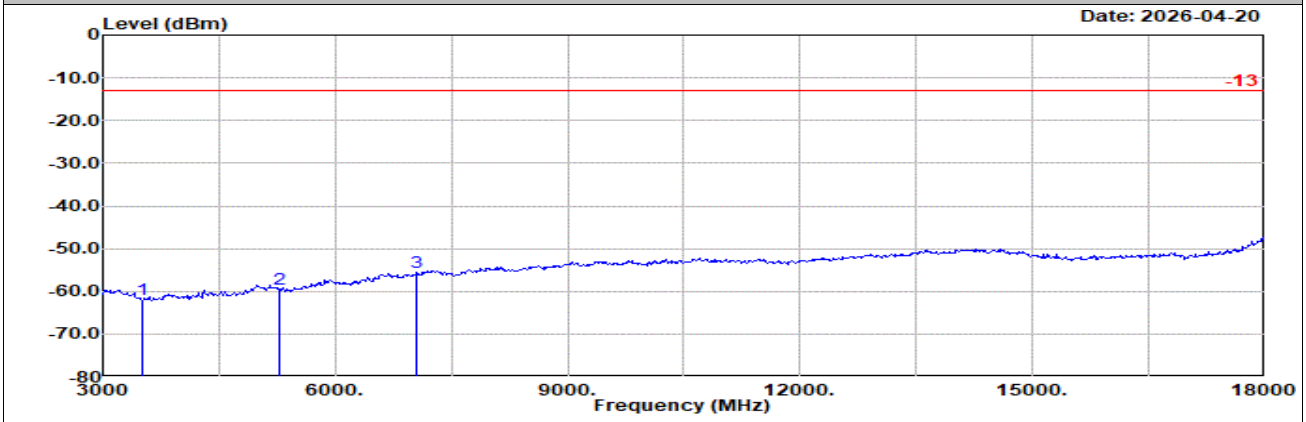
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3508.00	-61.54	RMS	29.33	-26.03	0.94	-95.23	29.45	-13.00	-48.54	Vertical
2	5262.00	-59.71	RMS	32.95	-26.00	0.52	-95.23	28.05	-13.00	-46.71	Vertical
3	7016.00	-55.93	RMS	35.96	-24.44	0.45	-95.23	27.33	-13.00	-42.93	Vertical

Ant. 1

Part 27L Mode 10

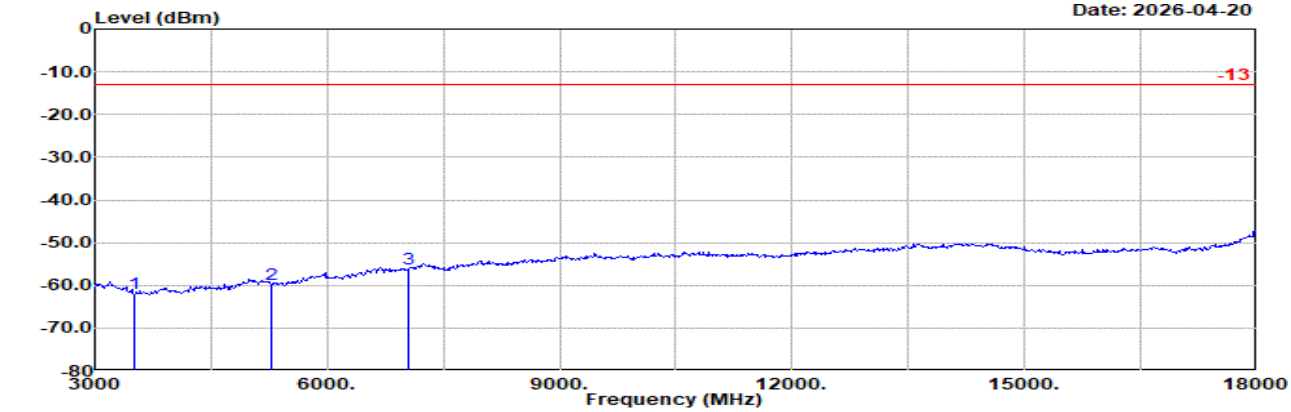
LTE CA B66C 20M + 20M Ch132374 1RB99 QPSK + Ch132572 1RB0 QPSK

H



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B66 20M Ch132374 1RB99 QPSK
: LTE B66 20M Ch132572 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3518.00	-61.98	RMS	29.37	-26.03	0.93	-95.23	28.98	-13.00	-48.98	Horizontal
2	5277.00	-59.53	RMS	32.89	-25.99	0.52	-95.23	28.28	-13.00	-46.53	Horizontal
3	7036.00	-55.62	RMS	36.04	-24.44	0.44	-95.23	27.57	-13.00	-42.62	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B66 20M Ch132374 1RB99 QPSK
: LTE B66 20M Ch132572 1RB0 QPSK

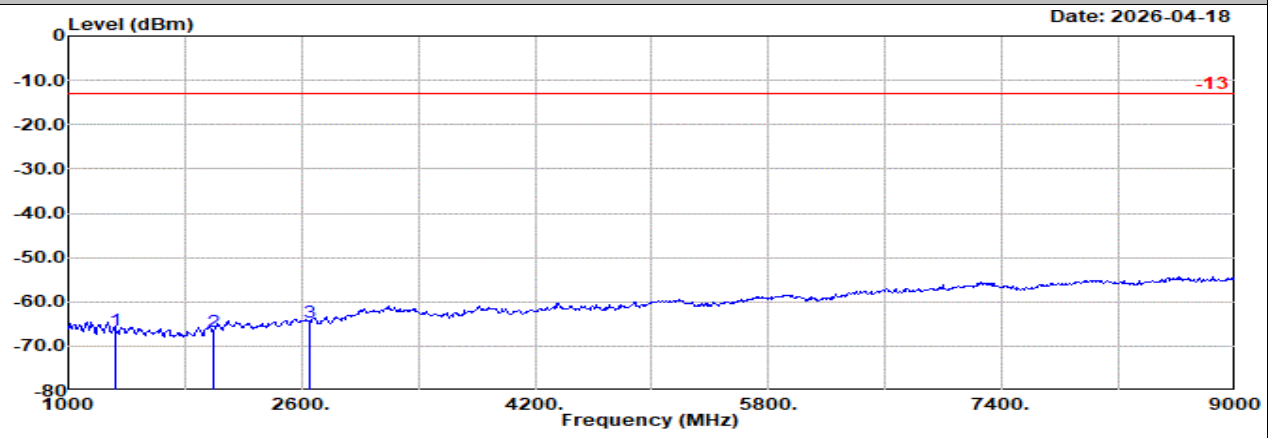
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3518.00	-61.83	RMS	29.37	-26.03	0.93	-95.23	29.13	-13.00	-48.83	Vertical
2	5277.00	-59.72	RMS	32.89	-25.99	0.52	-95.23	28.09	-13.00	-46.72	Vertical
3	7036.00	-56.18	RMS	36.04	-24.44	0.44	-95.23	27.01	-13.00	-43.18	Vertical

Ant. 2

Part 27N Mode 11

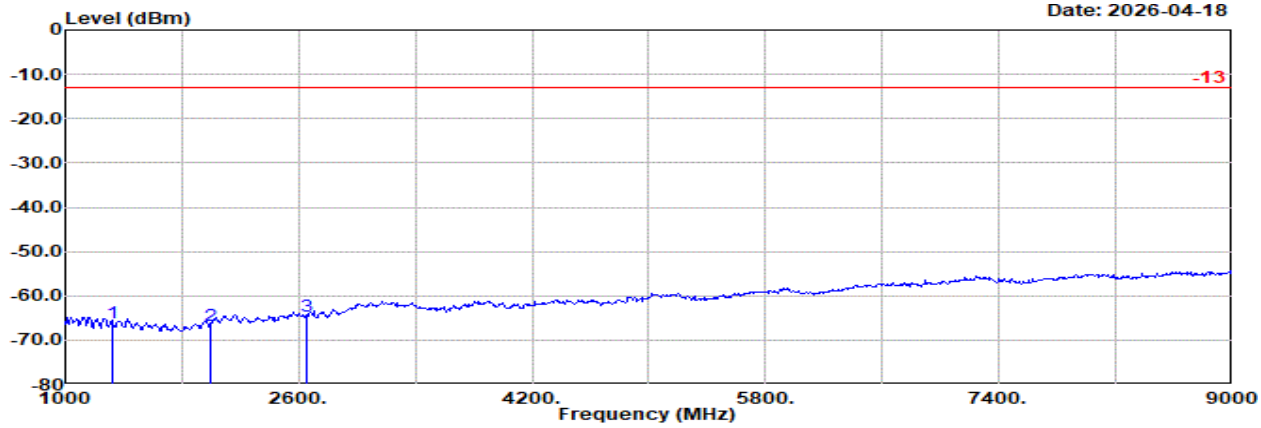
LTE B71 20M Ch133222 1RB0 QPSK

L



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B71 20M Ch133222 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1328.00	-66.35	RMS	25.64	-29.80	0.69	-95.23	32.35	-13.00	-53.35	Horizontal
2	1992.00	-66.84	RMS	26.50	-28.98	0.45	-95.23	30.42	-13.00	-53.84	Horizontal
3	2656.00	-64.64	RMS	28.04	-27.65	0.30	-95.23	29.90	-13.00	-51.64	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B71 20M Ch133222 1RB0 QPSK

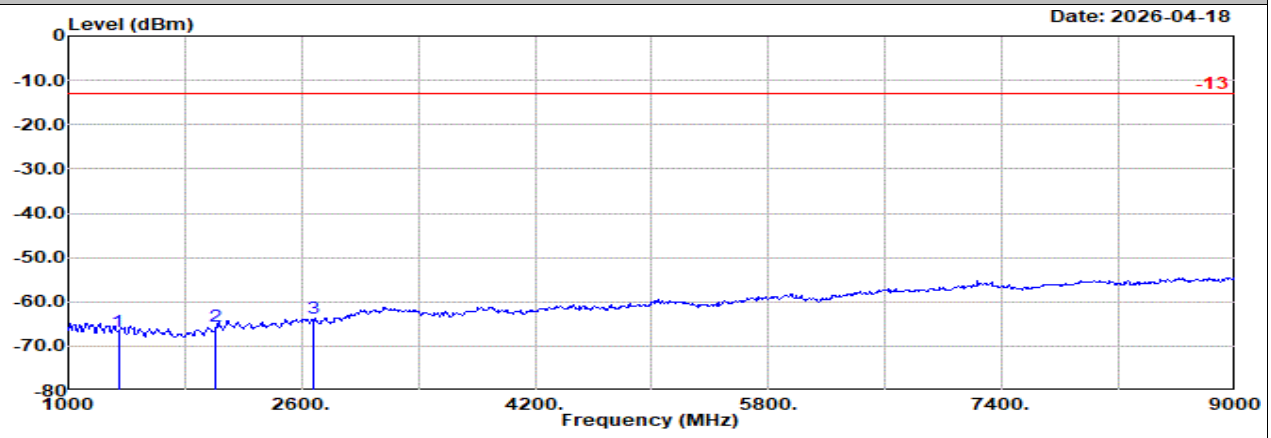
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1328.00	-66.07	RMS	25.64	-29.80	0.69	-95.23	32.63	-13.00	-53.07	Vertical
2	1992.00	-66.57	RMS	26.50	-28.98	0.45	-95.23	30.69	-13.00	-53.57	Vertical
3	2656.00	-64.73	RMS	28.04	-27.65	0.30	-95.23	29.81	-13.00	-51.73	Vertical

Ant. 2

Part 27N Mode 11

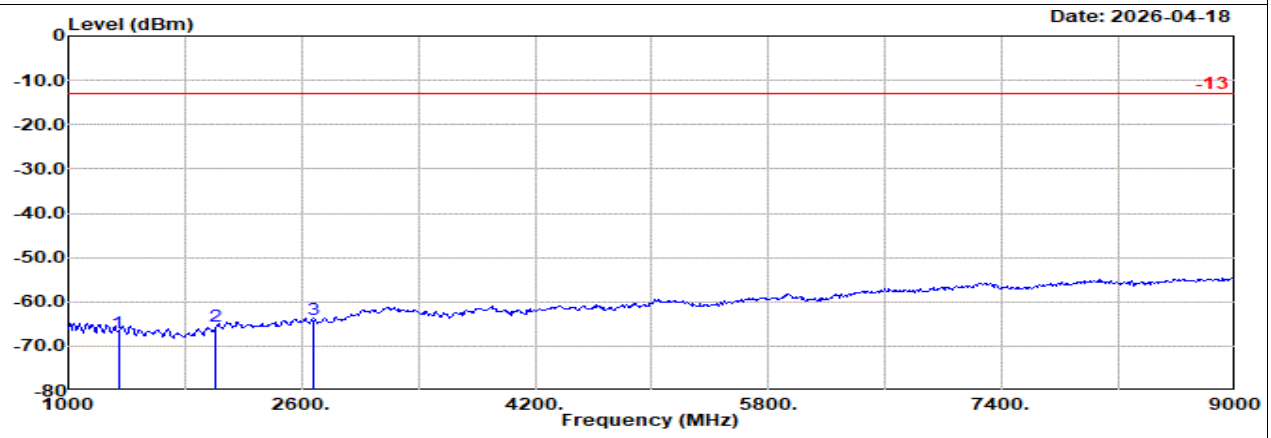
LTE B71 20M Ch133297 1RB0 QPSK

M



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B71 20M Ch133297 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1343.00	-66.81	RMS	25.50	-29.77	0.68	-95.23	32.01	-13.00	-53.81	Horizontal
2	2014.00	-65.37	RMS	26.58	-28.95	0.44	-95.23	31.79	-13.00	-52.37	Horizontal
3	2686.00	-63.71	RMS	28.14	-27.58	0.29	-95.23	30.67	-13.00	-50.71	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B71 20M Ch133297 1RB0 QPSK

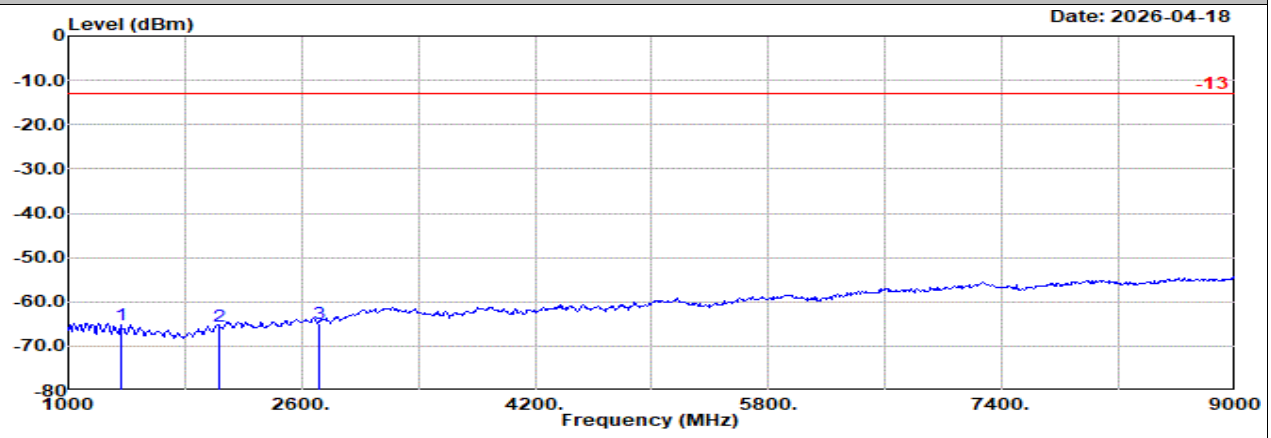
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1343.00	-66.92	RMS	25.50	-29.77	0.68	-95.23	31.90	-13.00	-53.92	Vertical
2	2014.00	-65.45	RMS	26.58	-28.95	0.44	-95.23	31.71	-13.00	-52.45	Vertical
3	2686.00	-63.90	RMS	28.14	-27.58	0.29	-95.23	30.48	-13.00	-50.90	Vertical

Ant. 2

Part 27N Mode 11

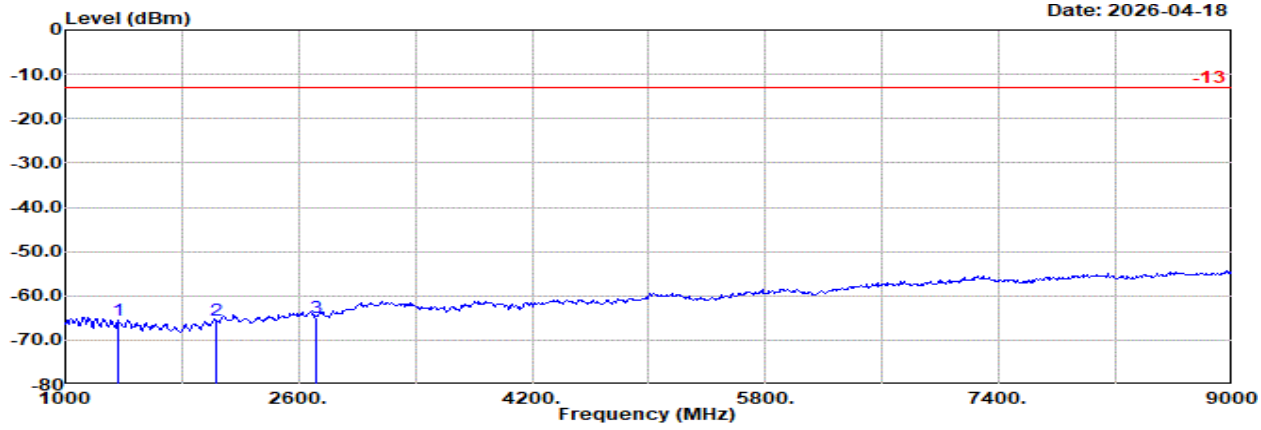
LTE B71 20M Ch133372 1RB0 QPSK

H



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Horizontal
: LTE B71 20M Ch133372 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1358.00	-65.33	RMS	25.42	-29.73	0.66	-95.23	33.55	-13.00	-52.33	Horizontal
2	2037.00	-65.61	RMS	27.07	-28.90	0.43	-95.23	31.02	-13.00	-52.61	Horizontal
3	2716.00	-64.81	RMS	28.26	-27.50	0.28	-95.23	29.38	-13.00	-51.81	Horizontal



Site : 03CH20-HY
Condition: -13 3m HF_9120D_02360_251105 Vertical
: LTE B71 20M Ch133372 1RB0 QPSK

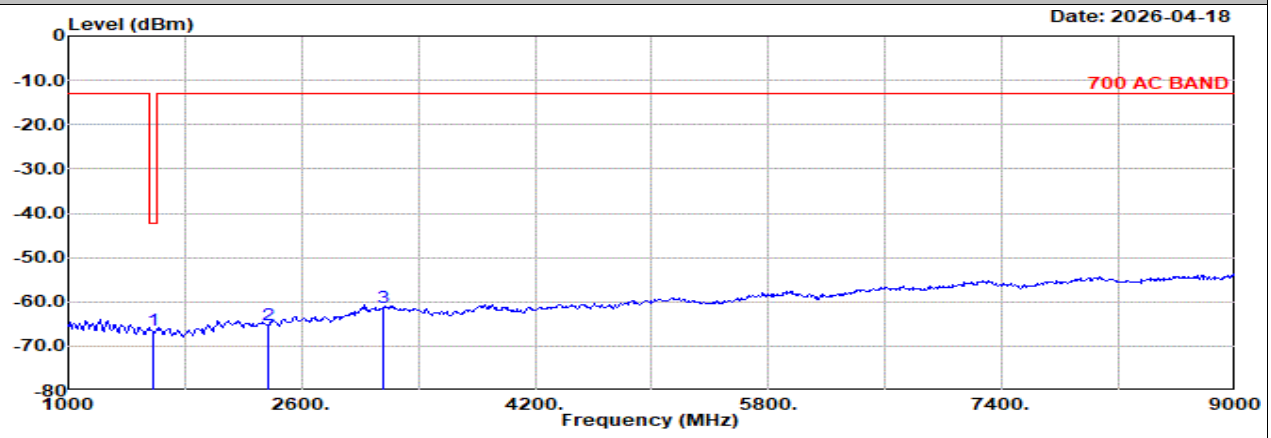
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1358.00	-65.54	RMS	25.42	-29.73	0.66	-95.23	33.34	-13.00	-52.54	Vertical
2	2037.00	-65.47	RMS	27.07	-28.90	0.43	-95.23	31.16	-13.00	-52.47	Vertical
3	2716.00	-64.81	RMS	28.26	-27.50	0.28	-95.23	29.38	-13.00	-51.81	Vertical

Ant. 2

Part 90R Mode 12

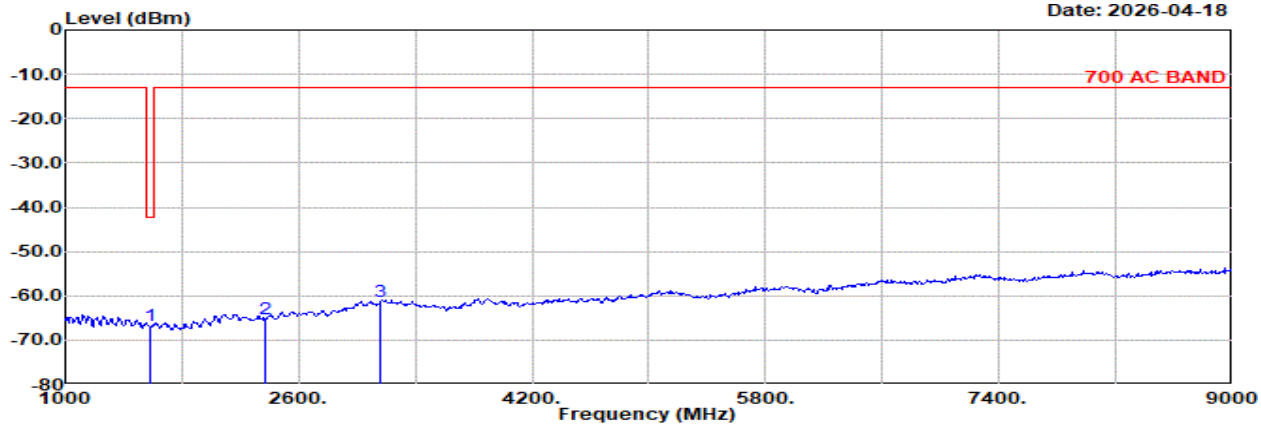
LTE B14 10M Ch23330 1RB0 QPSK

M



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Horizontal
: LTE B14 10M Ch23330 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1577.00	-66.55	RMS	25.27	-29.43	0.53	-95.23	32.31	-42.15	-24.40	Horizontal
2	2365.00	-65.20	RMS	27.30	-28.31	0.34	-95.23	30.70	-13.00	-52.20	Horizontal
3	3154.00	-61.37	RMS	29.71	-25.93	0.22	-95.23	29.86	-13.00	-48.37	Horizontal



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Vertical
: LTE B14 10M Ch23330 1RB0 QPSK

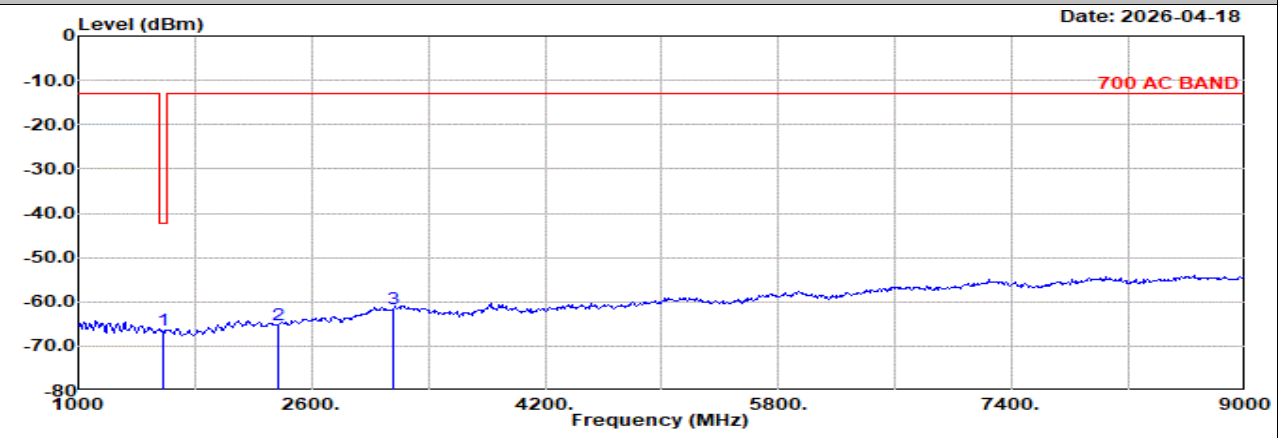
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1577.00	-66.66	RMS	25.27	-29.43	0.53	-95.23	32.20	-42.15	-24.51	Vertical
2	2365.00	-65.15	RMS	27.30	-28.31	0.34	-95.23	30.75	-13.00	-52.15	Vertical
3	3154.00	-61.21	RMS	29.71	-25.93	0.22	-95.23	30.02	-13.00	-48.21	Vertical

Ant. 2

Part 90R Mode 13

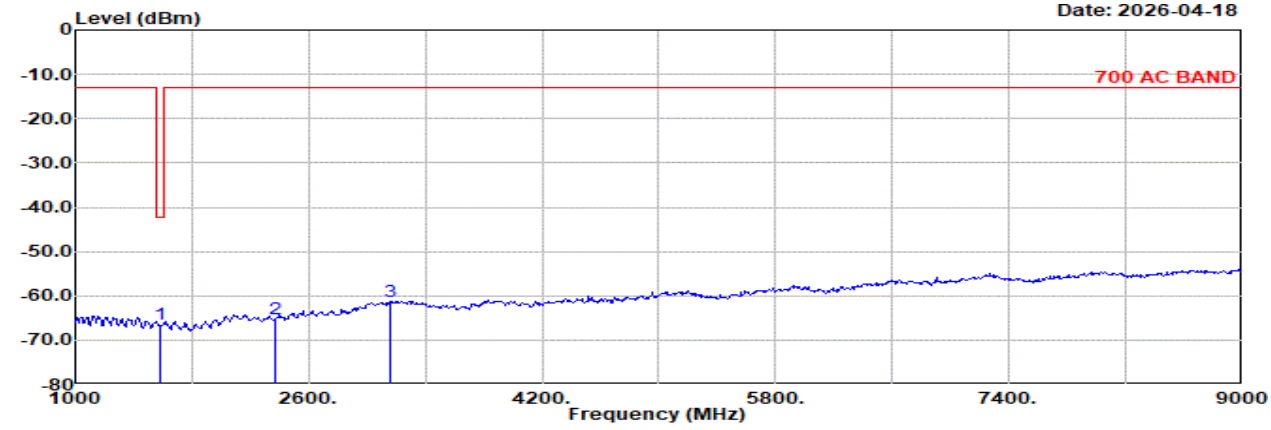
LTE B14 5M Ch23305 1RB0 QPSK

L



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Horizontal
: LTE B14 5M Ch23305 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1577.00	-66.27	RMS	25.27	-29.43	0.53	-95.23	32.59	-42.15	-24.12	Horizontal
2	2365.00	-65.18	RMS	27.30	-28.31	0.34	-95.23	30.72	-13.00	-52.18	Horizontal
3	3153.00	-61.45	RMS	29.71	-25.93	0.22	-95.23	29.78	-13.00	-48.45	Horizontal



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Vertical
: LTE B14 5M Ch23305 1RB0 QPSK

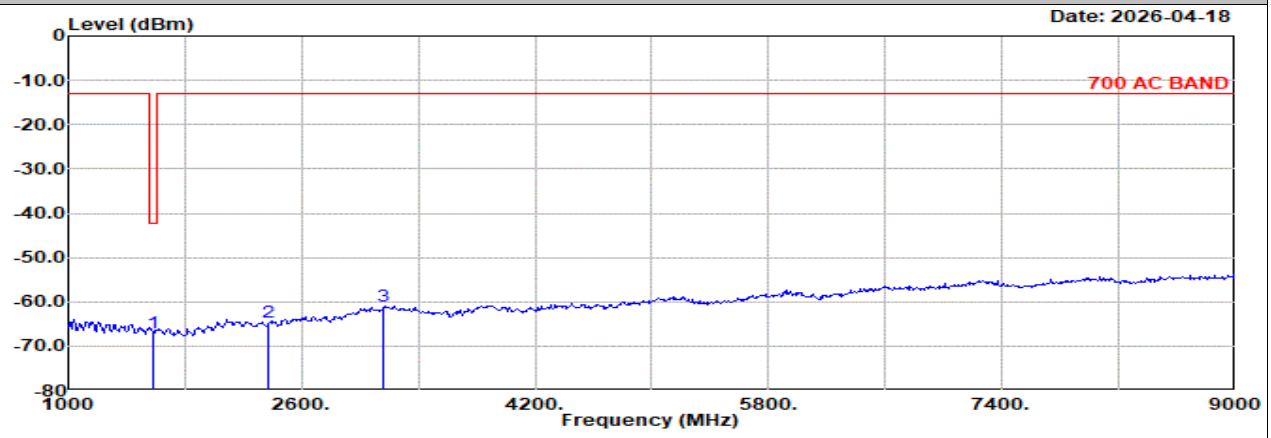
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1577.00	-66.46	RMS	25.27	-29.43	0.53	-95.23	32.40	-42.15	-24.31	Vertical
2	2365.00	-65.13	RMS	27.30	-28.31	0.34	-95.23	30.77	-13.00	-52.13	Vertical
3	3153.00	-61.32	RMS	29.71	-25.93	0.22	-95.23	29.91	-13.00	-48.32	Vertical

Ant. 2

Part 90R Mode 13

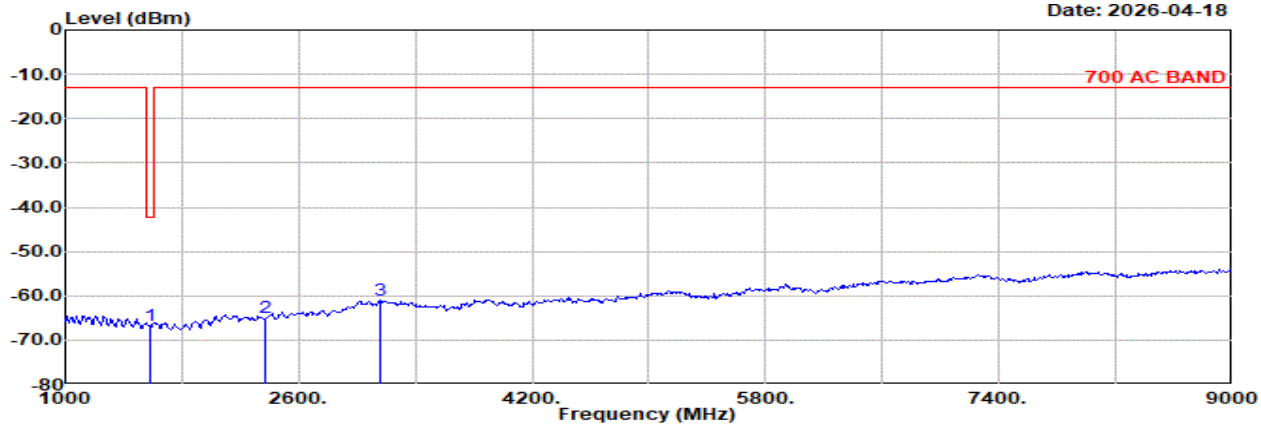
LTE B14 5M Ch23330 1RB0 QPSK

M



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Horizontal
: LTE B14 5M Ch23330 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1582.00	-67.06	RMS	25.32	-29.43	0.53	-95.23	31.75	-42.15	-24.91	Horizontal
2	2373.00	-64.70	RMS	27.27	-28.30	0.34	-95.23	31.22	-13.00	-51.70	Horizontal
3	3163.00	-61.12	RMS	29.73	-25.90	0.22	-95.23	30.06	-13.00	-48.12	Horizontal



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Vertical
: LTE B14 5M Ch23330 1RB0 QPSK

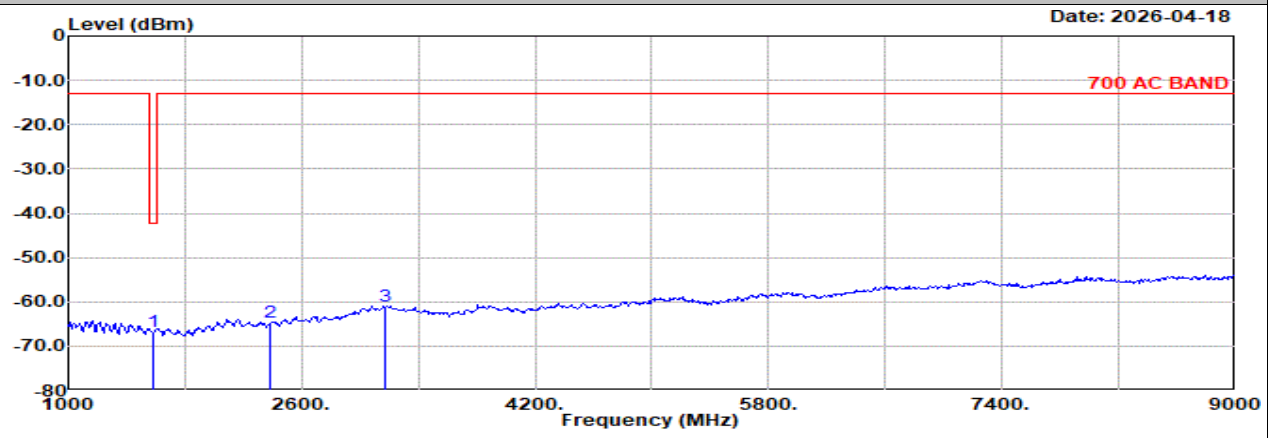
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1582.00	-66.85	RMS	25.32	-29.43	0.53	-95.23	31.96	-42.15	-24.70	Vertical
2	2373.00	-64.99	RMS	27.27	-28.30	0.34	-95.23	30.93	-13.00	-51.99	Vertical
3	3163.00	-61.05	RMS	29.73	-25.90	0.22	-95.23	30.13	-13.00	-48.05	Vertical

Ant. 2

Part 90R Mode 13

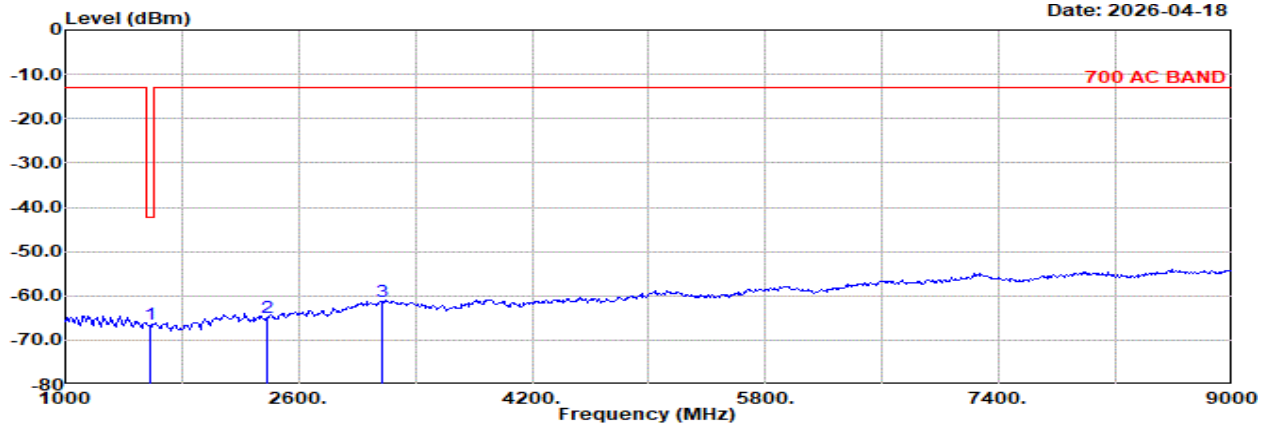
LTE B14 5M Ch23355 1RB0 QPSK

H



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Horizontal
: LTE B14 5M Ch23355 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1587.00	-66.64	RMS	25.37	-29.42	0.53	-95.23	32.11	-42.15	-24.49	Horizontal
2	2380.00	-64.61	RMS	27.20	-28.28	0.34	-95.23	31.36	-13.00	-51.61	Horizontal
3	3173.00	-61.06	RMS	29.75	-25.86	0.22	-95.23	30.06	-13.00	-48.06	Horizontal



Site : 03CH20-HY
Condition: 700 AC BAND 3m HF_9120D_02360_251105 Vertical
: LTE B14 5M Ch23355 1RB0 QPSK

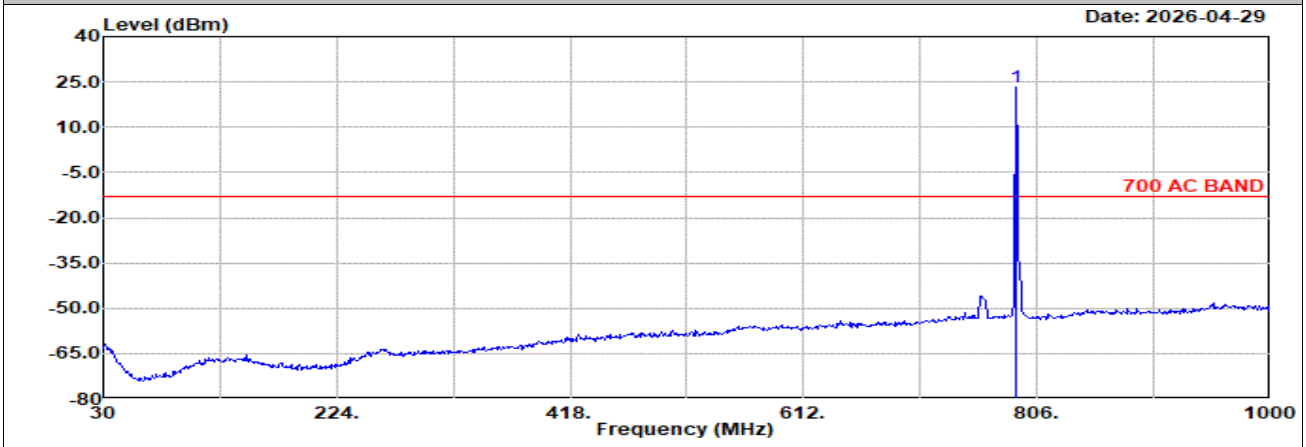
	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1587.00	-66.38	RMS	25.37	-29.42	0.53	-95.23	32.37	-42.15	-24.23	Vertical
2	2380.00	-64.87	RMS	27.20	-28.28	0.34	-95.23	31.10	-13.00	-51.87	Vertical
3	3173.00	-61.33	RMS	29.75	-25.86	0.22	-95.23	29.79	-13.00	-48.33	Vertical

Ant. 2

Part 90R Mode 13

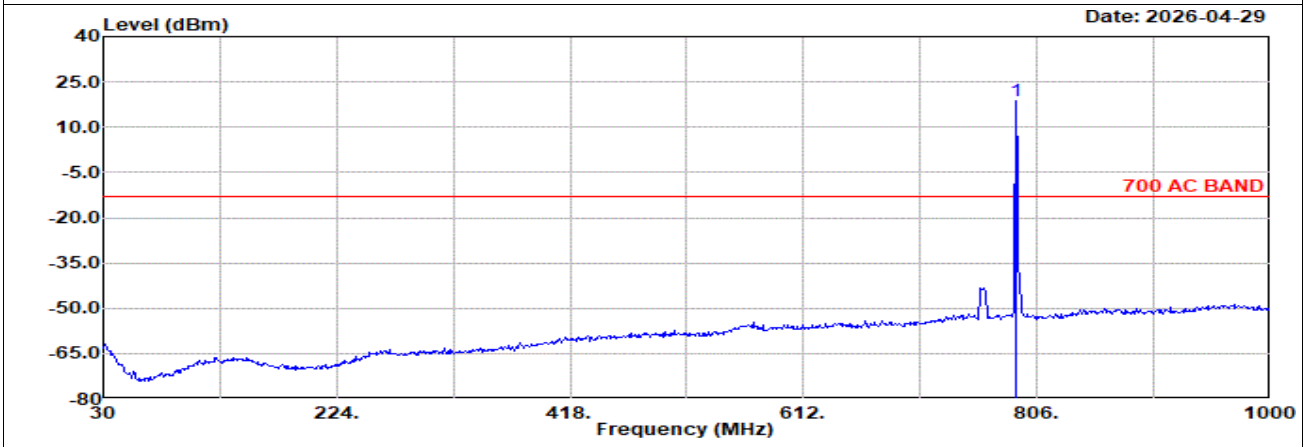
LTE B14 5M Ch23305 1RB0 QPSK

L



Site : 03CH20-HY
Condition: 700 AC BAND 3m Bilog_55606 & 08_251126 Horizontal
: LTE B14 5M Ch23305 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	788.54	23.29	RMS	28.20	4.63	0.00	-95.23	85.69	-13.00	36.29	Horizontal



Site : 03CH20-HY
Condition: 700 AC BAND 3m Bilog_55606 & 08_251126 Vertical
: LTE B14 5M Ch23305 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	788.54	18.63	RMS	28.20	4.63	0.00	-95.23	81.03	-13.00	31.63	Vertical