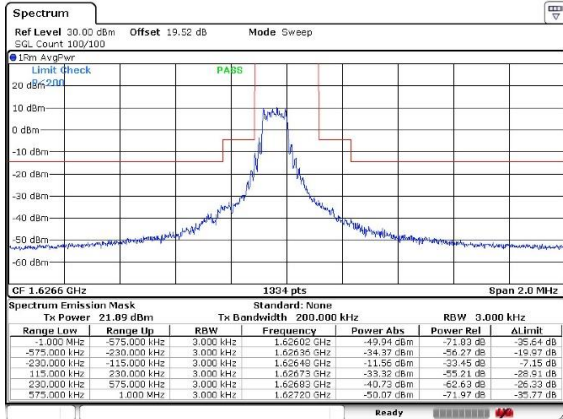


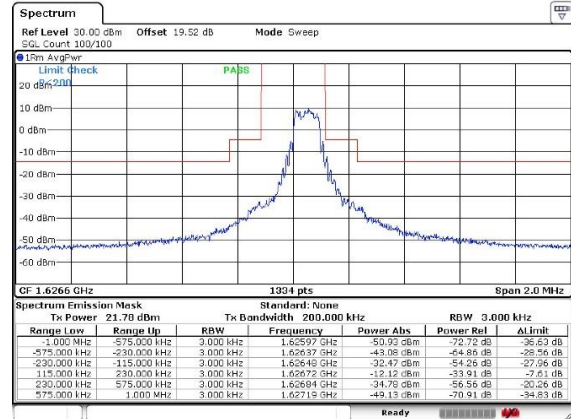


Band 255 SCS 15kHz

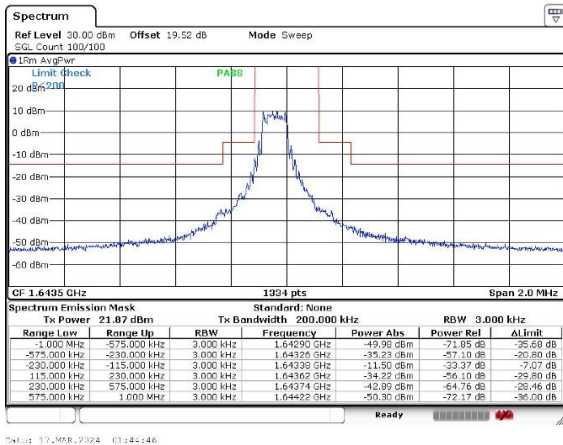
Lowest Channel / 6SC0 / QPSK



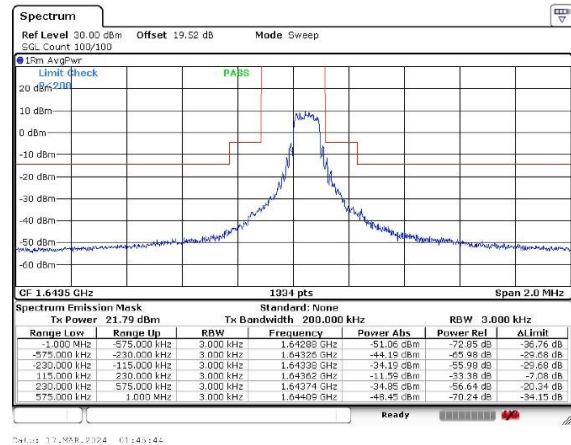
Lowest Channel / 6SC6 / QPSK



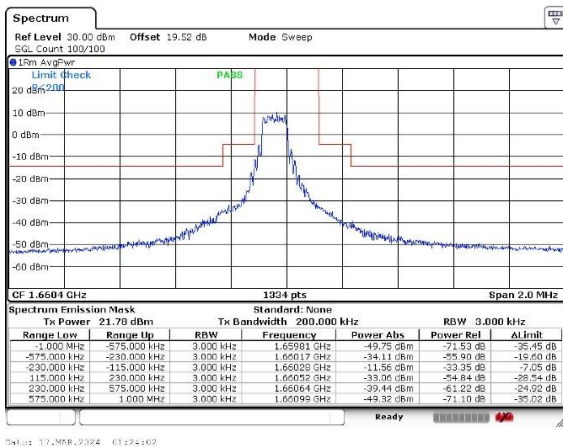
Middle Channel / 6SC0 / QPSK



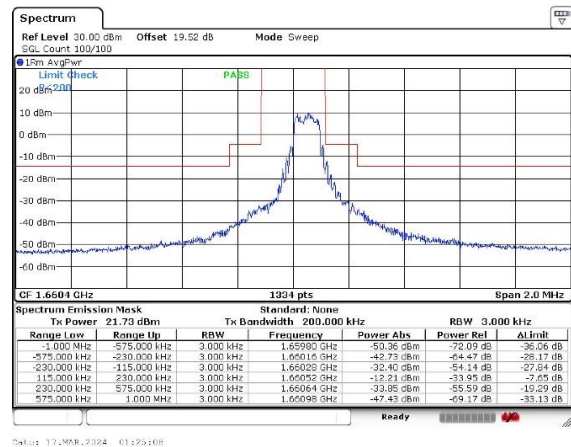
Middle Channel / 6SC6 / QPSK



Highest Channel / 6SC0 / QPSK



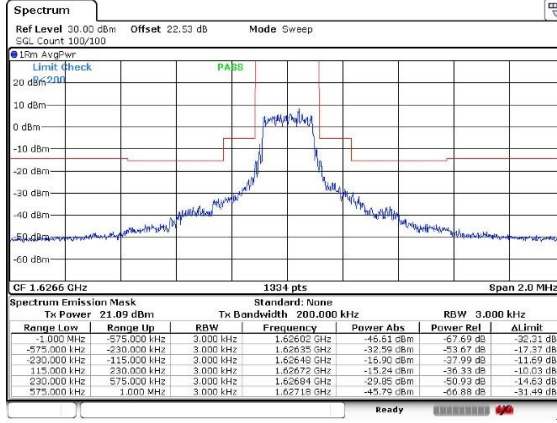
Highest Channel / 6SC6 / QPSK





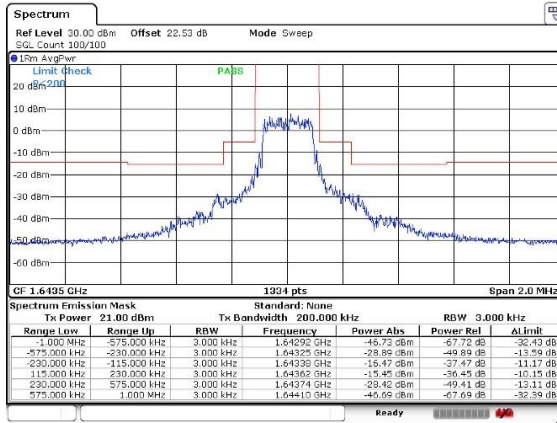
Band 255 SCS 15kHz

Lowest Channel / 12SC0 / QPSK



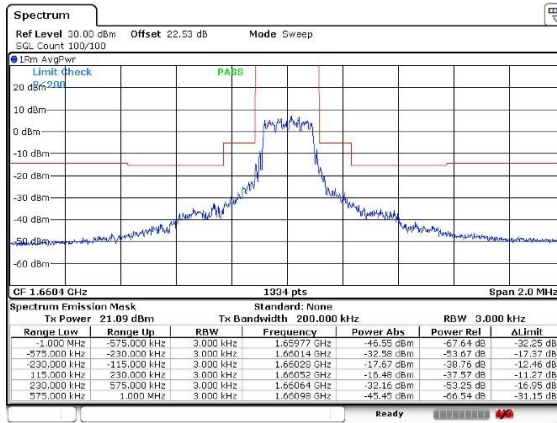
File: 17_MAR_2024 01:41:55

Middle Channel / 12SC0 / QPSK



File: 17_MAR_2024 01:43:16

Highest Channel / 12SC0 / QPSK



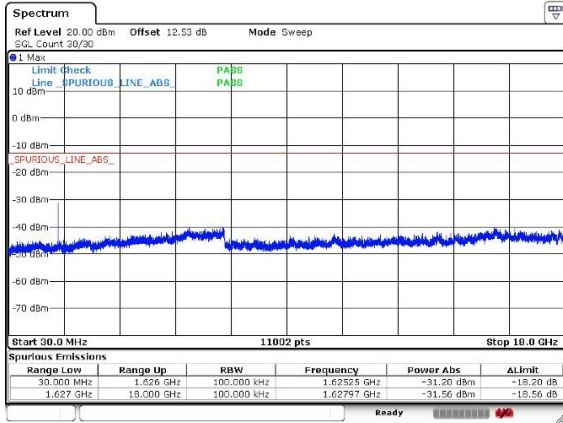
File: 17_MAR_2024 01:22:15



Conducted Spurious Emission

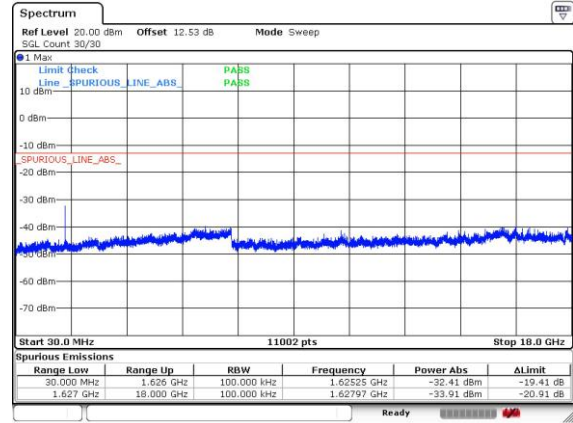
Band 255 SCS 3.75kHz

Lowest Channel / 1SC0 / BPSK



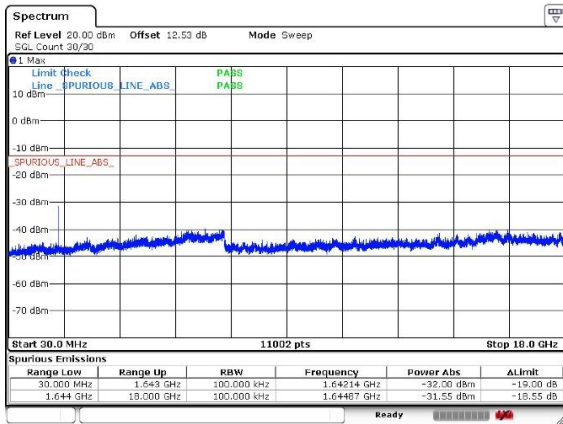
Date: 17.MAR.2024 02:01:05

Lowest Channel / 1SC0 / QPSK



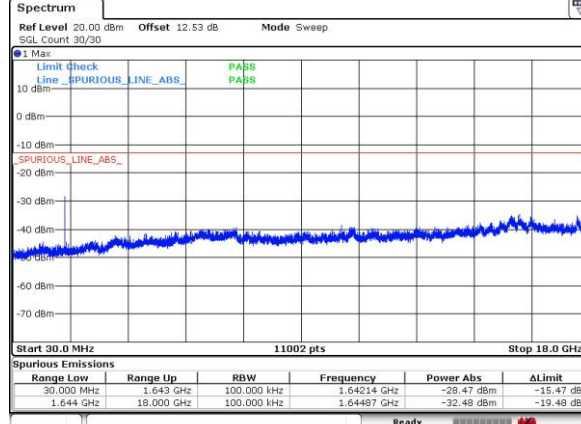
Date: 4.MAY.2024 01:57:06

Middle Channel / 1SC0 / BPSK



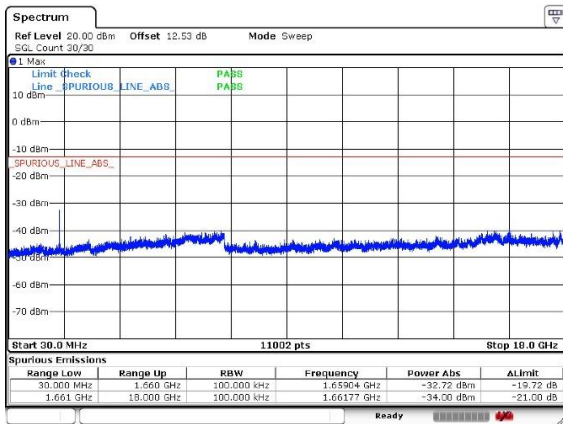
Date: 17.MAR.2024 02:02:30

Middle Channel / 1SC0 / QPSK



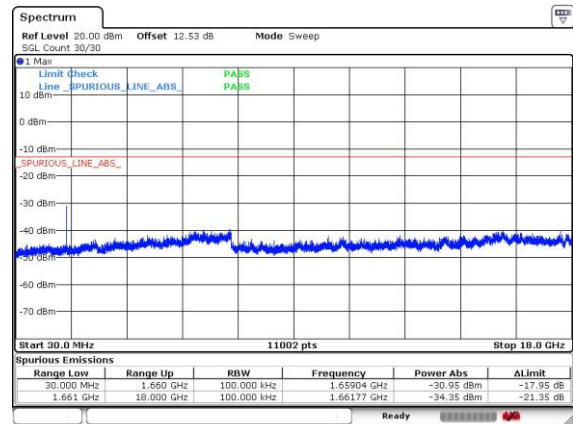
Date: 7.MAY.2024 21:51:12

Highest Channel / 1SC0 / BPSK



Date: 17.MAR.2024 01:58:47

Highest Channel / 1SC0 / QPSK



Date: 4.MAY.2024 01:50:06

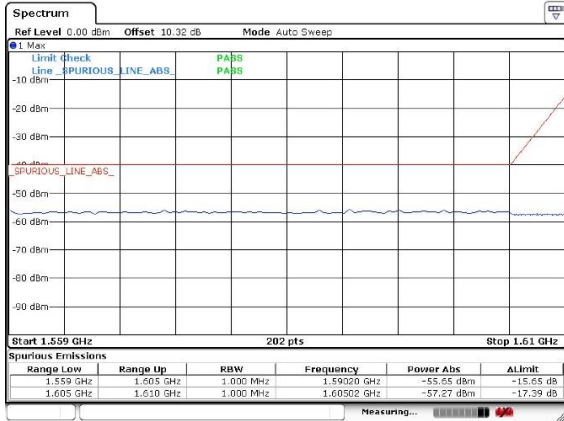


Emission limits for protection of aeronautical service

Band 255 SCS 3.75kHz

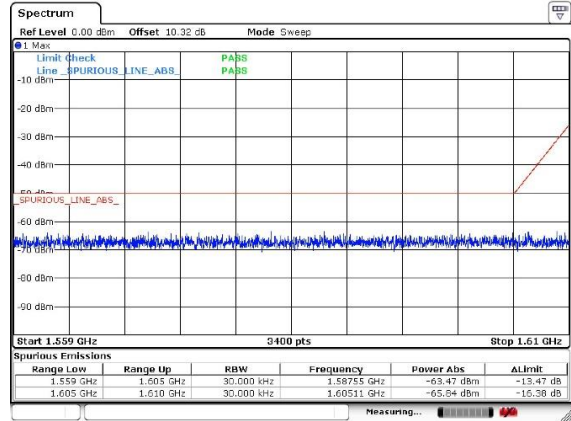
BPSK

Lowest Channel / 1SC0 Carrier on



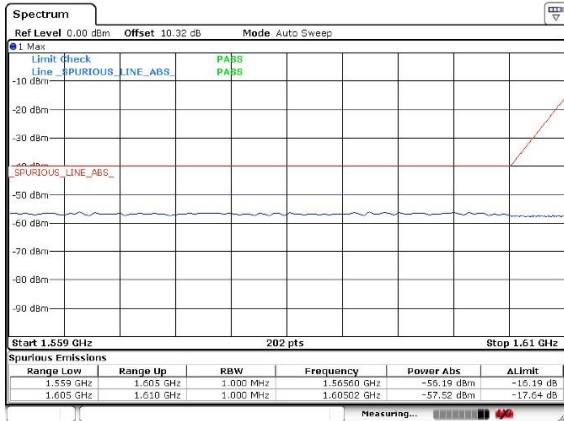
Date: 17_MAR_2024 02:18:11

Lowest Channel / 1SC0 Discrete



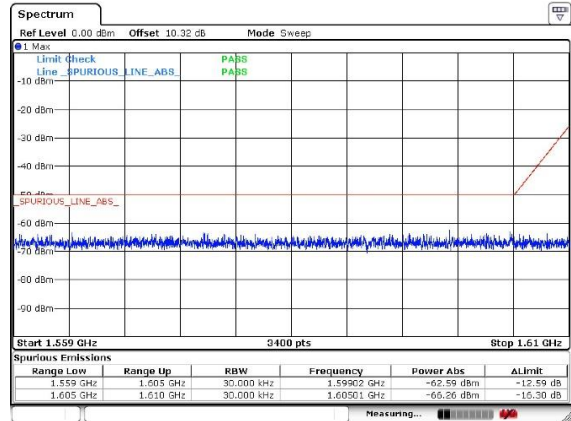
Date: 17_MAR_2024 02:18:33

Middle Channel / 1SC0 Carrier on



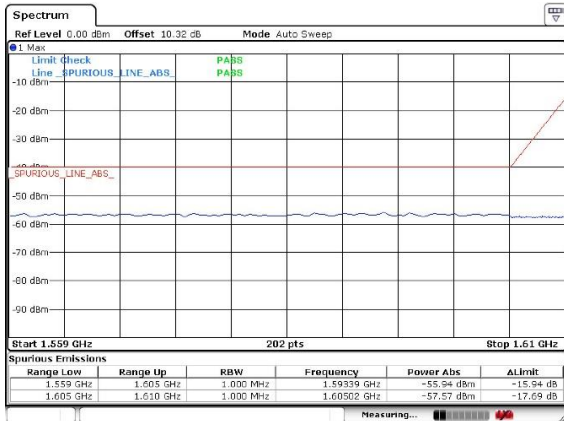
Date: 17_MAR_2024 02:19:41

Middle Channel / 1SC0 Discrete



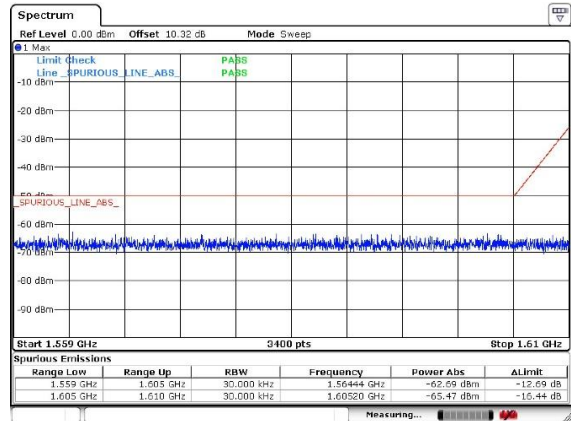
Date: 17_MAR_2024 02:19:27

Highest Channel / 1SC0 Carrier on



Date: 17_MAR_2024 02:19:10

Highest Channel / 1SC0 Discrete



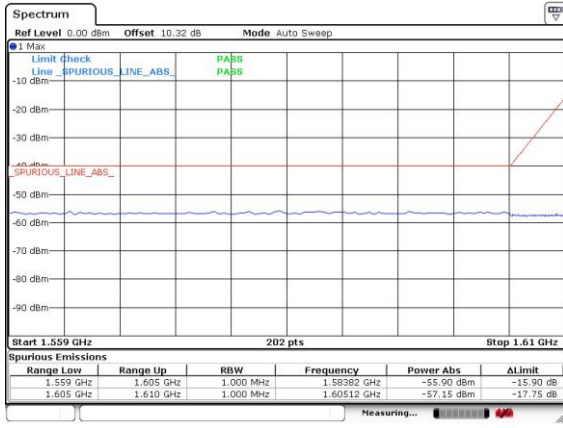
Date: 17_MAR_2024 02:19:09



Band 255 SCS 3.75kHz

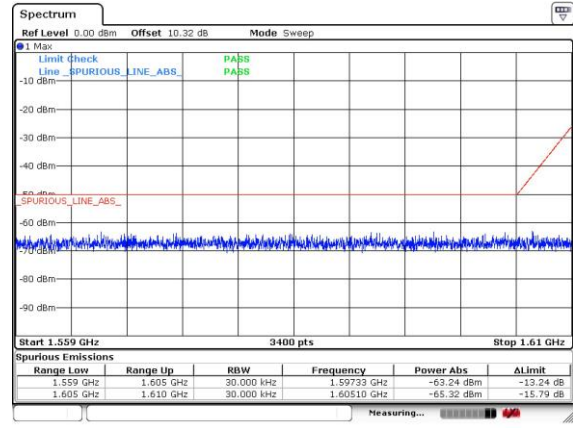
QPSK

Lowest Channel / 1SC0 Carrier on



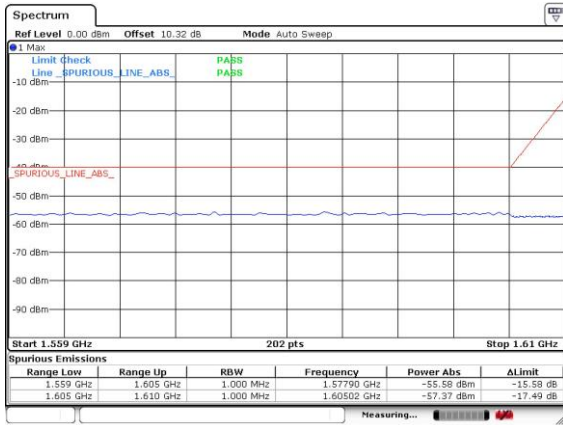
Date: 4.MAY.2024 02:05:12

Lowest Channel / 1SC0 Discrete



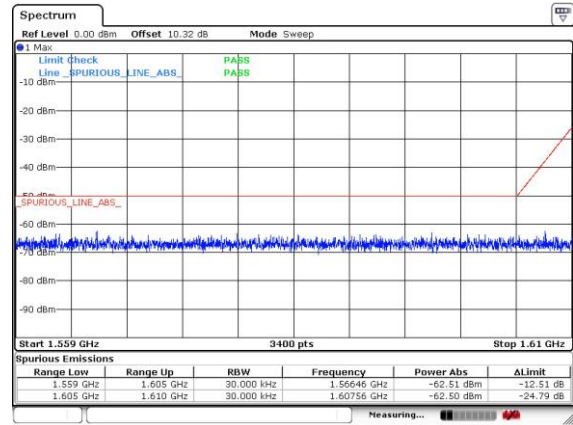
Date: 4.MAY.2024 02:11:37

Middle Channel / 1SC0 Carrier on



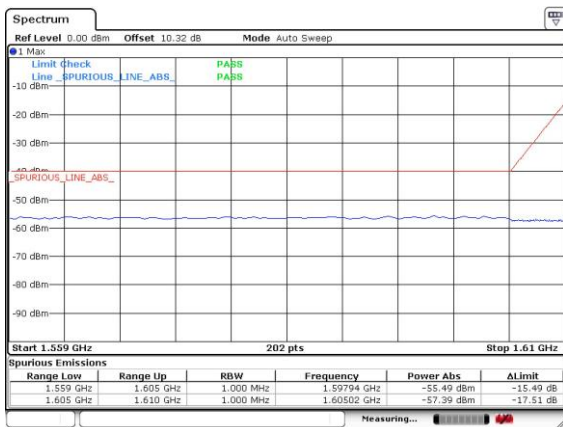
Date: 4.MAY.2024 02:05:18

Middle Channel / 1SC0 Discrete



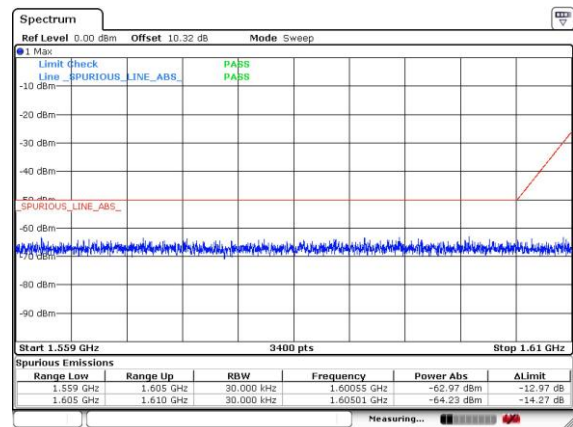
Date: 4.MAY.2024 02:12:29

Highest Channel / 1SC0 Carrier on



Date: 4.MAY.2024 02:03:05

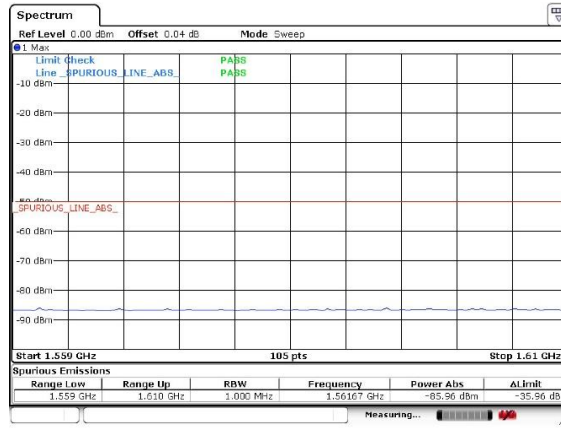
Highest Channel / 1SC0 Discrete



Date: 4.MAY.2024 02:10:29



Band 255 Carrier off



Status: 17-MAR-2024 02:33:42



Frequency Stability

Test Conditions		Band 255(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	SCS 15kHz	10ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0034	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

- 1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5 V.
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

Mode	Part	Band	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	Part 25	LTE B23	H	8080	-56.28	RMS	36.60	-21.55	0.38	-95.23	23.52	-13.00	-43.28	H	0
2	Part 25	LTE B255	H	6642	-57.53	RMS	36.00	-21.47	0.38	-95.23	22.79	-13.00	-44.53	V	0

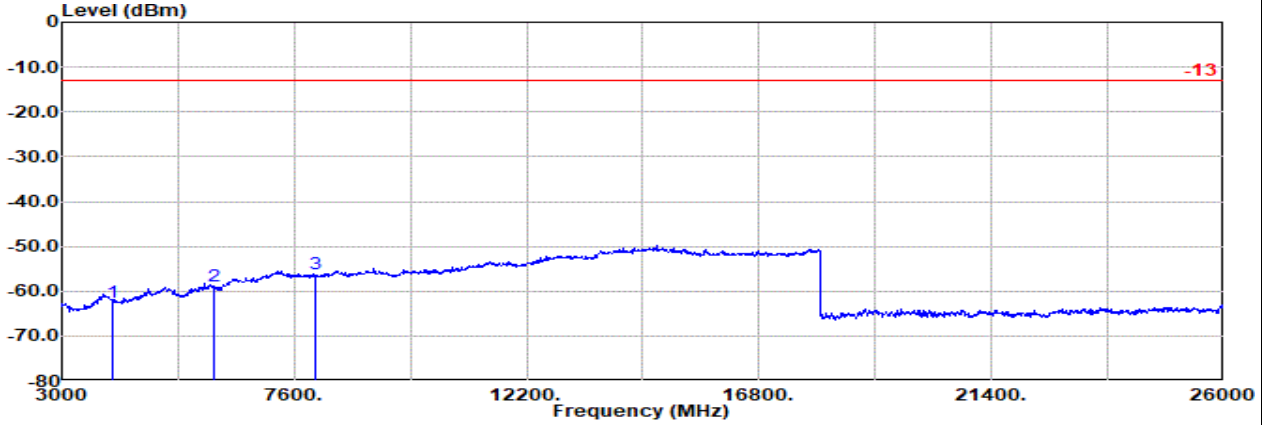


Ant. 0

Part 25 Mode 1

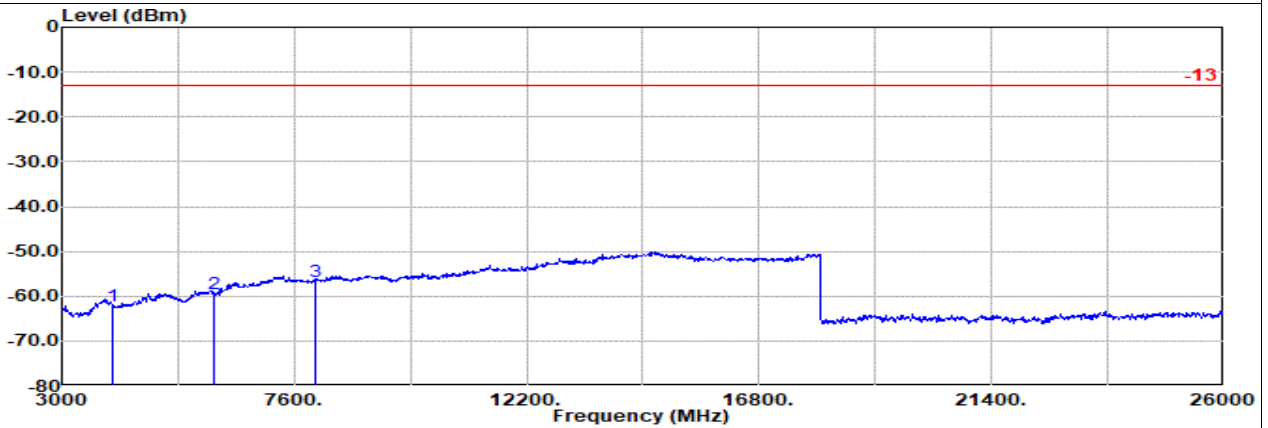
LTE B23 20M Ch25501 1RB0 QPSK

L



Site : 03CH21-HY
 Condition: -13 1m BBHA9170_1223_230710 Horizontal
 : LTE Band 255 20M Ch25501 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
				Factor	1						
1	4000.00	-62.38	RMS	30.60	-23.02	0.73	-95.23	0.00	-13.00	-49.38	Horizontal
2	6000.00	-59.01	RMS	33.80	-21.67	0.62	-95.23	23.47	-13.00	-46.01	Horizontal
3	8000.00	-56.29	RMS	36.70	-21.57	0.38	-95.23	23.43	-13.00	-43.29	Horizontal



Site : 03CH21-HY
 Condition: -13 1m BBHA9170_1223_230710 Vertical
 : LTE Band 255 20M Ch25501 1RB0 QPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
				Factor	1						
1	4000.00	-62.30	RMS	30.60	-23.02	0.73	-95.23	24.62	-13.00	-49.30	Vertical
2	6000.00	-59.35	RMS	33.80	-21.67	0.62	-95.23	23.13	-13.00	-46.35	Vertical
3	8000.00	-56.75	RMS	36.70	-21.57	0.38	-95.23	22.97	-13.00	-43.75	Vertical

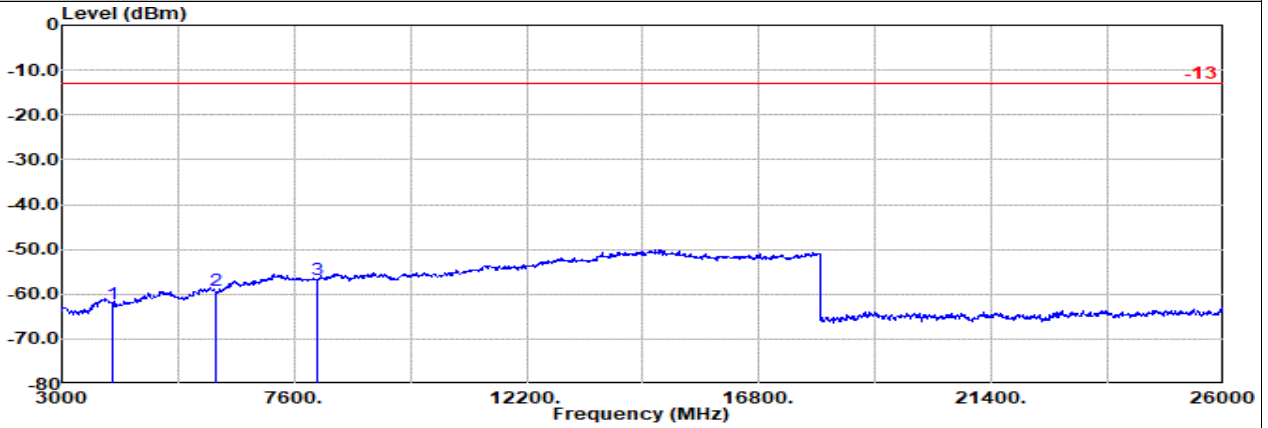


Ant. 0

Part 25 Mode 1

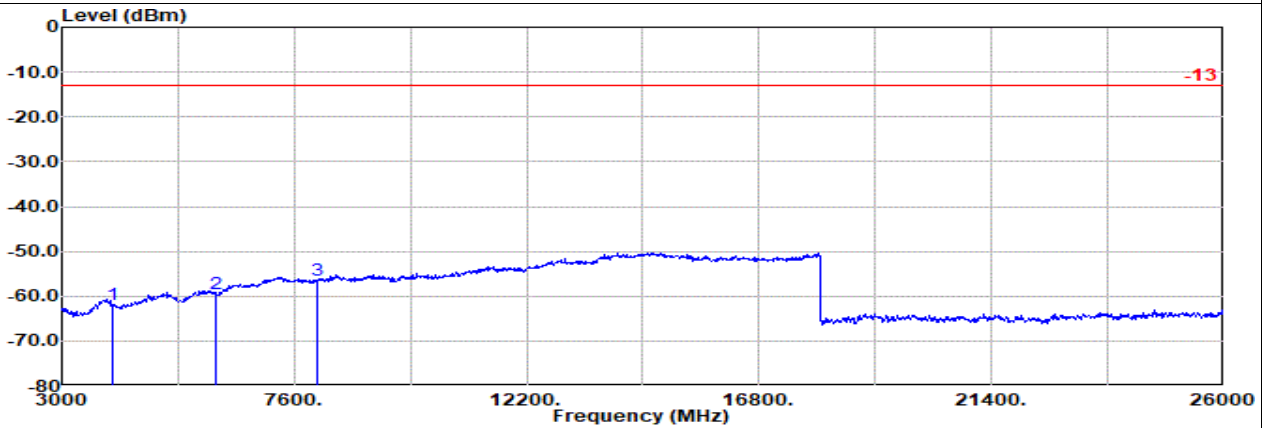
LTE B23 20M Ch25600 1RB0 QPSK

M



Site : 03CH21-HY
 Condition: -13 1m BBHA9170_1223_230710 Horizontal
 : LTE Band 255 20M Ch25600 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4020.00	-62.32	RMS	30.60	-22.99	0.71	-95.23	24.59	-13.00	-49.32	Horizontal
2	6030.00	-59.25	RMS	33.86	-21.66	0.61	-95.23	23.17	-13.00	-46.25	Horizontal
3	8040.00	-56.82	RMS	36.62	-21.56	0.38	-95.23	22.97	-13.00	-43.82	Horizontal



Site : 03CH21-HY
 Condition: -13 1m BBHA9170_1223_230710 Vertical
 : LTE Band 255 20M Ch25600 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4020.00	-61.80	RMS	30.60	-22.99	0.71	-95.23	25.11	-13.00	-48.80	Vertical
2	6030.00	-59.47	RMS	33.86	-21.66	0.61	-95.23	22.95	-13.00	-46.47	Vertical
3	8040.00	-56.32	RMS	36.62	-21.56	0.38	-95.23	23.47	-13.00	-43.32	Vertical

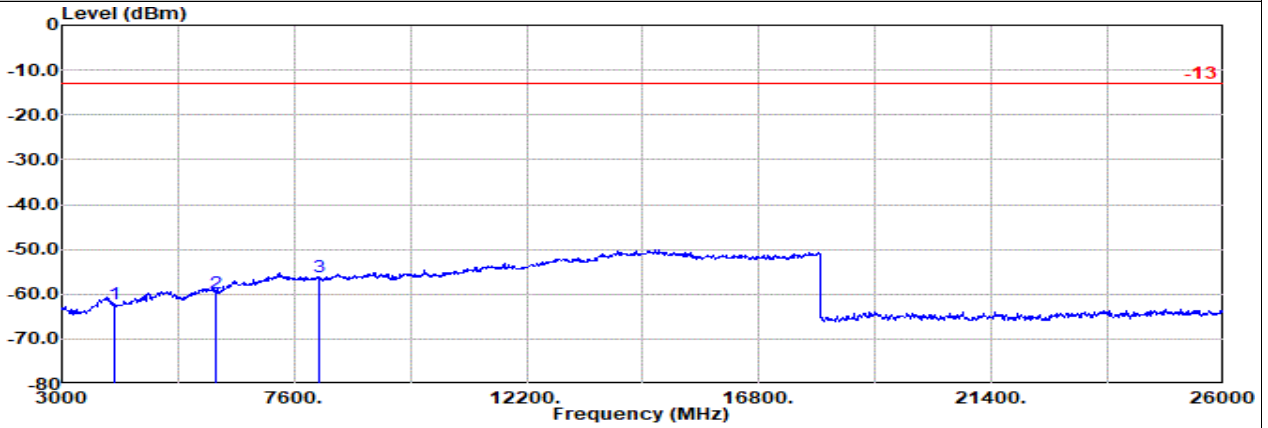


Ant. 0

Part 25 Mode 1

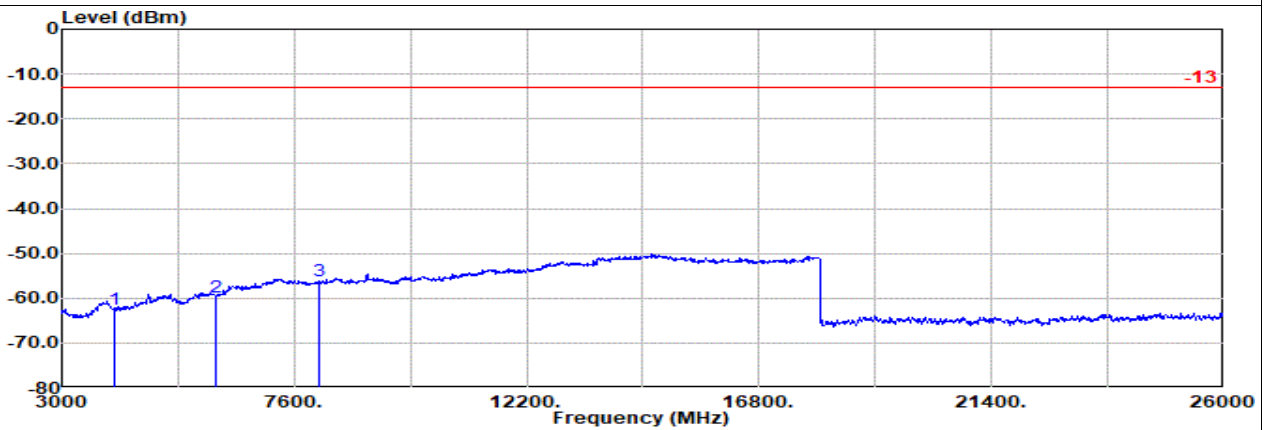
LTE B23 20M Ch25699 1RB0 QPSK

H



Site : 03CH21-HY
 Condition: -13 1m BBHA9170_1223_230710 Horizontal
 : LTE Band 255 20M Ch25699 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4040.00	-62.24	RMS	30.60	-22.97	0.69	-95.23	24.67	-13.00	-49.24	Horizontal
2	6060.00	-59.62	RMS	33.94	-21.65	0.61	-95.23	22.72	-13.00	-46.62	Horizontal
3	8080.00	-56.28	RMS	36.60	-21.55	0.38	-95.23	23.52	-13.00	-43.28	Horizontal



Site : 03CH21-HY
 Condition: -13 1m BBHA9170_1223_230710 Vertical
 : LTE Band 255 20M Ch25699 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Reading	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	4040.00	-62.45	RMS	30.60	-22.97	0.69	-95.23	24.46	-13.00	-49.45	Vertical
2	6060.00	-59.81	RMS	33.94	-21.65	0.61	-95.23	22.53	-13.00	-46.81	Vertical
3	8080.00	-56.30	RMS	36.60	-21.55	0.38	-95.23	23.50	-13.00	-43.30	Vertical

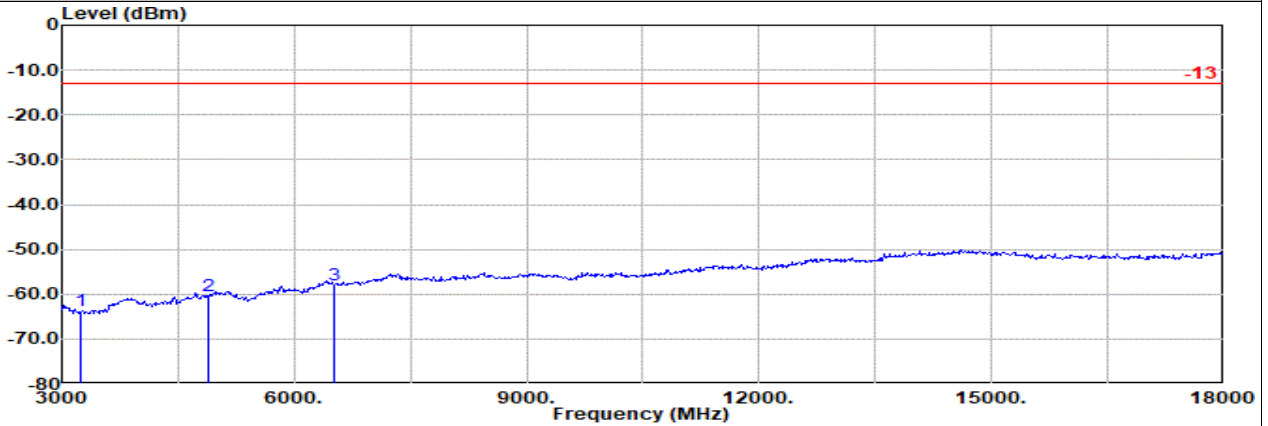


Ant. 0

Part 25 Mode 2

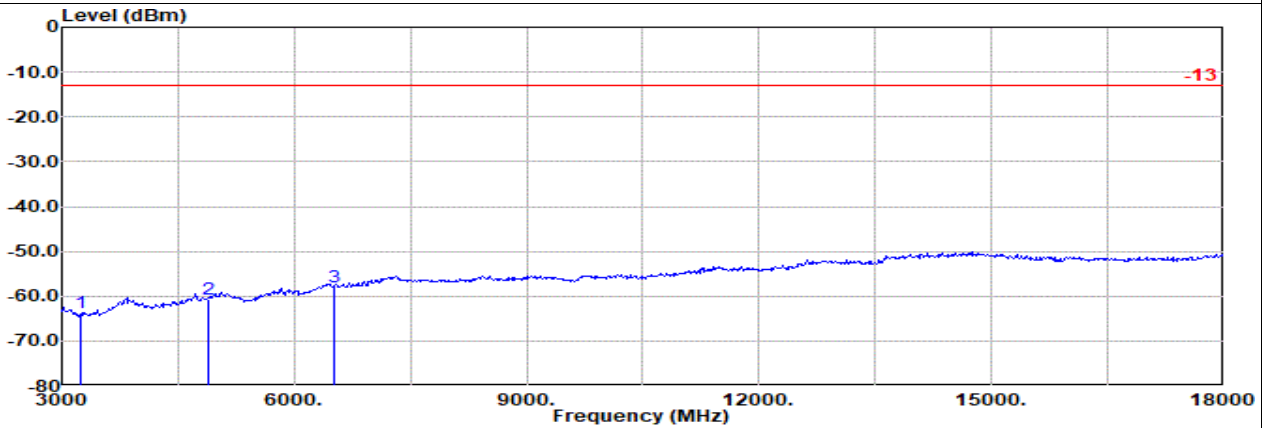
LTE B255 20M Ch261505 1RB0 QPSK

L



Site : 03CH21-HY
 Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal
 : LTE Band 255 20M Ch261505 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3253.00	-63.68	RMS	28.11	-23.27	1.40	-95.23	25.31	-13.00	-50.68	Horizontal
2	4880.00	-60.29	RMS	32.56	-21.71	0.48	-95.23	23.61	-13.00	-47.29	Horizontal
3	6506.00	-57.93	RMS	35.81	-21.48	0.41	-95.23	22.56	-13.00	-44.93	Horizontal



Site : 03CH21-HY
 Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical
 : LTE Band 255 20M Ch261505 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3253.00	-63.77	RMS	28.11	-23.27	1.40	-95.23	25.22	-13.00	-50.77	Vertical
2	4880.00	-60.56	RMS	32.56	-21.71	0.48	-95.23	23.34	-13.00	-47.56	Vertical
3	6506.00	-57.89	RMS	35.81	-21.48	0.41	-95.23	22.60	-13.00	-44.89	Vertical

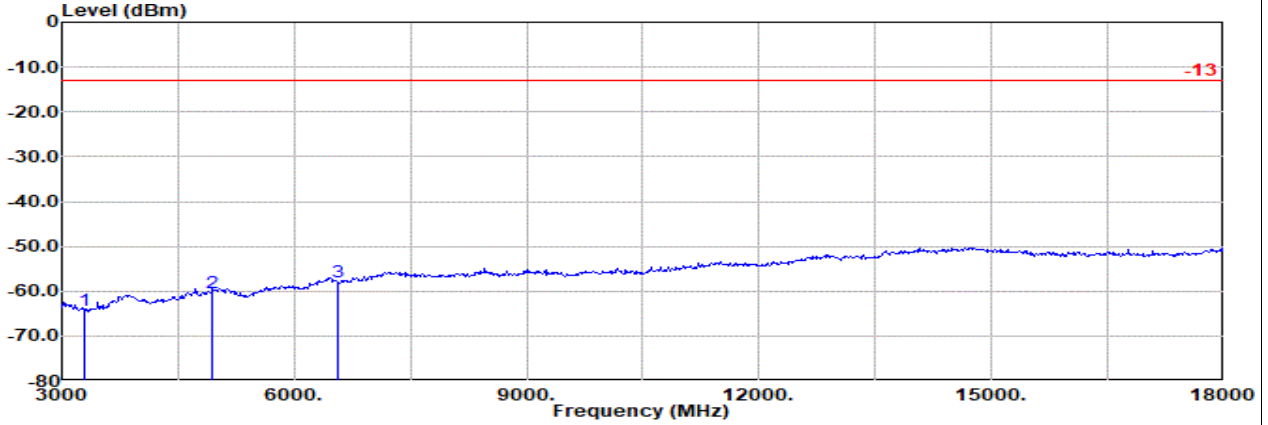


Ant. 0

Part 25 Mode 2

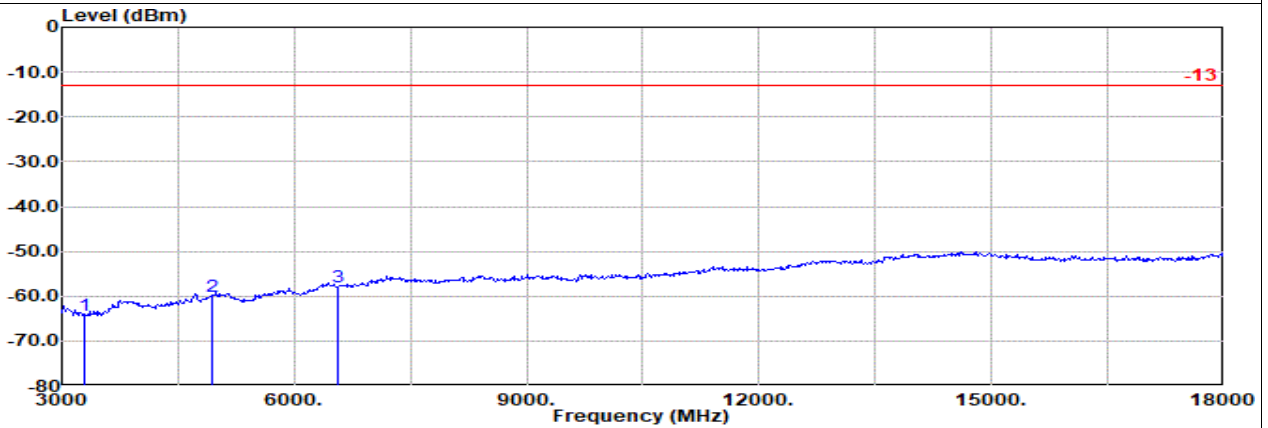
LTE B255 20M Ch261674 1RB0 QPSK

M



Site : 03CH21-HY
 Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal
 : LTE Band 255 20M Ch261674 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
1	3287.00	-64.24	RMS	28.25	-23.26	1.33	-95.23	24.67	-13.00	-51.24	Horizontal
2	4931.00	-60.35	RMS	32.66	-21.71	0.45	-95.23	23.48	-13.00	-47.35	Horizontal
3	6574.00	-57.84	RMS	35.95	-21.47	0.38	-95.23	22.53	-13.00	-44.84	Horizontal



Site : 03CH21-HY
 Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical
 : LTE Band 255 20M Ch261674 1RB0 QPSK

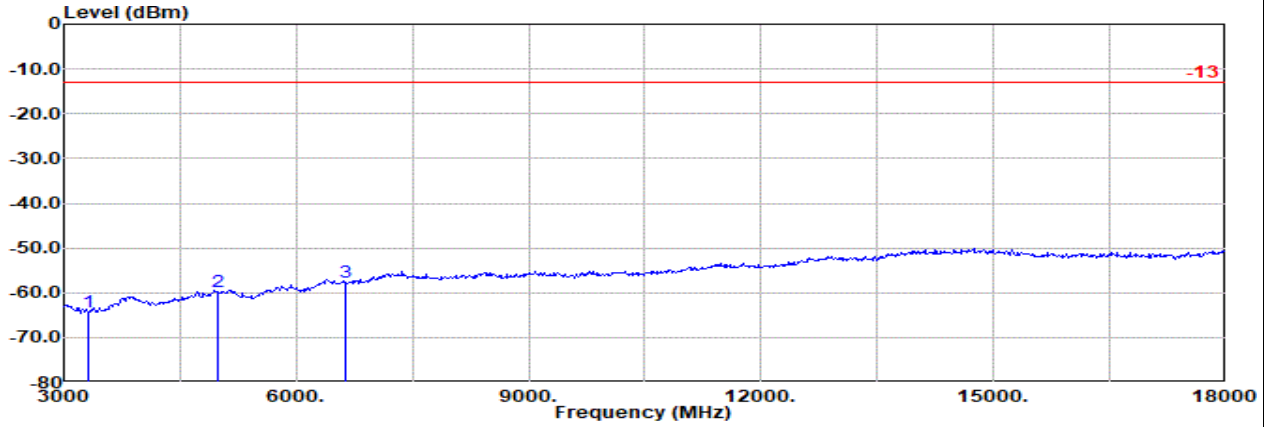
	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
1	3287.00	-64.19	RMS	28.25	-23.26	1.33	-95.23	24.72	-13.00	-51.19	Vertical
2	4931.00	-60.18	RMS	32.66	-21.71	0.45	-95.23	23.65	-13.00	-47.18	Vertical
3	6574.00	-58.00	RMS	35.95	-21.47	0.38	-95.23	22.37	-13.00	-45.00	Vertical



Ant. 0

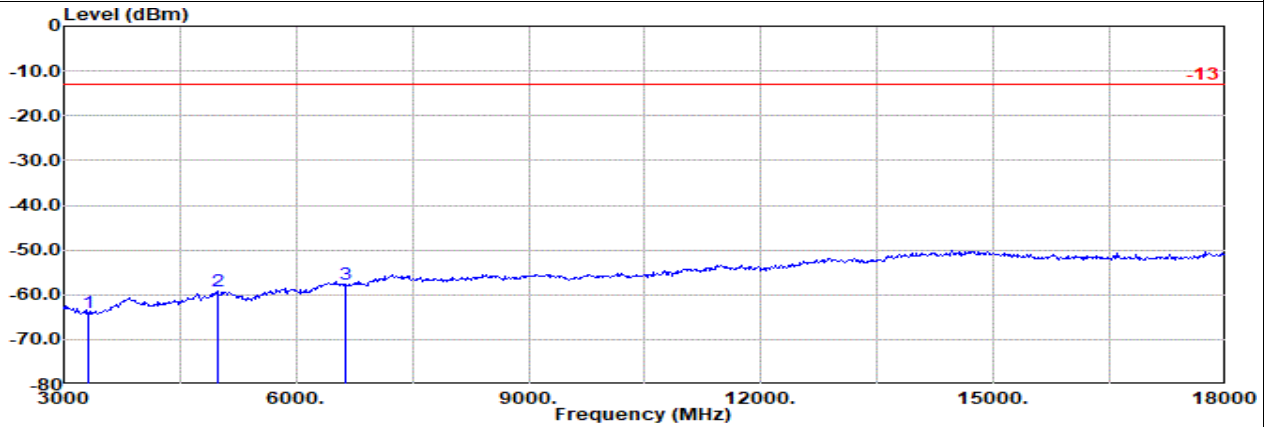
Part 25 Mode 2
LTE B255 20M Ch261843 1RB0 QPSK

H



Site : 03CH21-HY
Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Horizontal
: LTE Band 255 20M Ch261843 1RB0 QPSK

Table with 10 columns: Freq, Level, Detector, Ant Factor, Amp, Cb, Filter, EIRPCF, Reading, Limit, Margin, Pol. It contains three rows of measurement data for frequencies 3321.00, 4981.00, and 6642.00 MHz.



Site : 03CH21-HY
Condition: -13 3m DRH18-E_LE2C03A18EN_230712 Vertical
: LTE Band 255 20M Ch261843 1RB0 QPSK

Table with 10 columns: Freq, Level, Detector, Ant Factor, Amp, Cb, Filter, EIRPCF, Reading, Limit, Margin, Pol. It contains three rows of measurement data for frequencies 3321.00, 4981.00, and 6642.00 MHz.

THE END