Fig.13
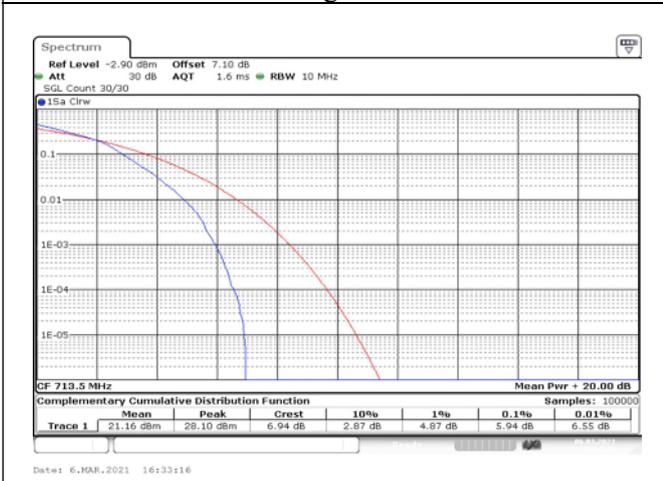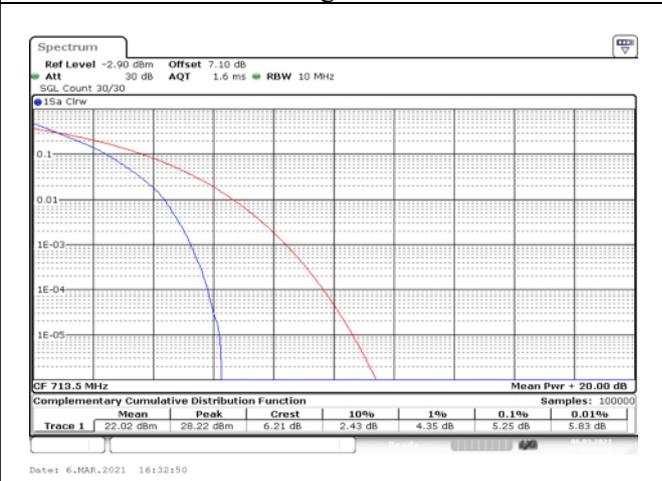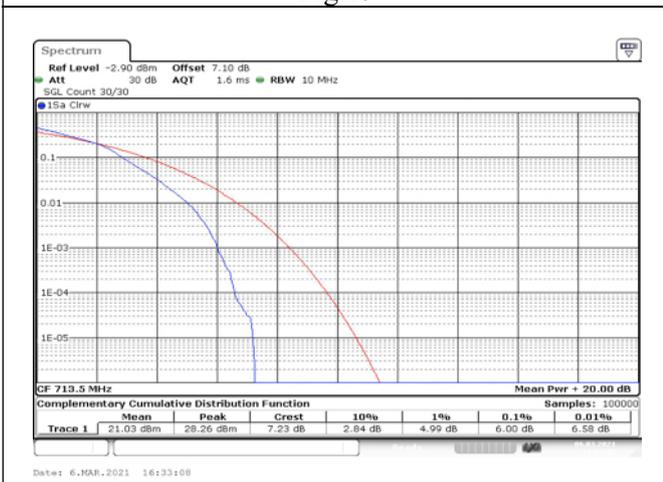

Fig.14

Fig.15

Fig.16

Fig.17

Fig.18

Fig.19
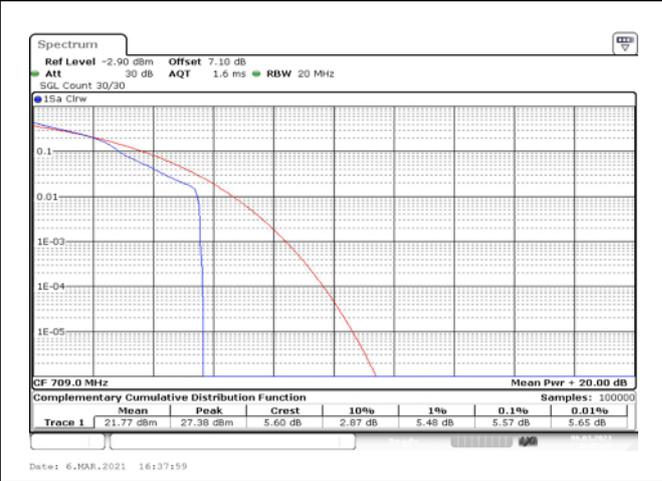
Fig.20

Fig.21

Fig.22
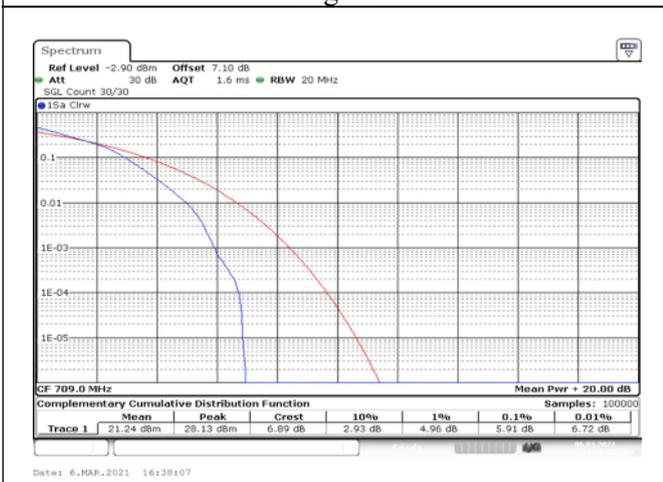
Fig.23

Fig.24

Fig.25
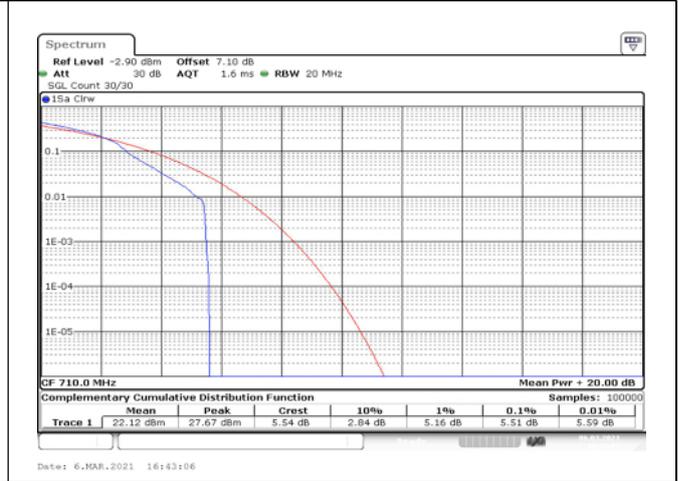
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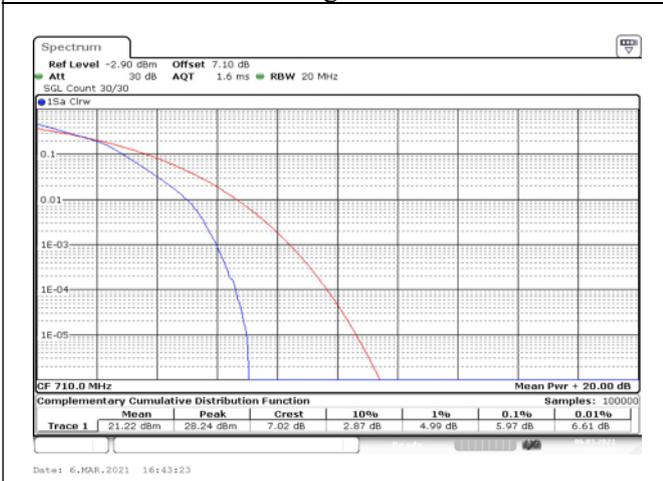
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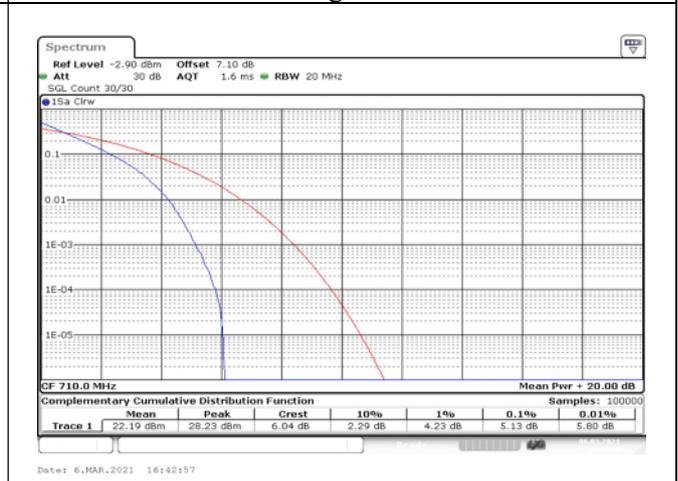
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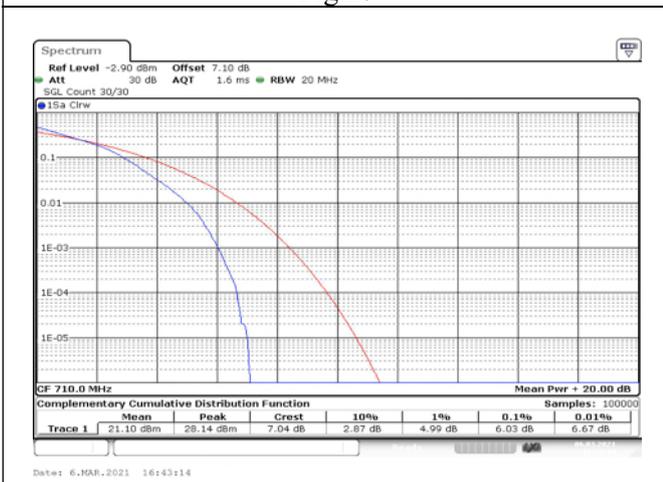
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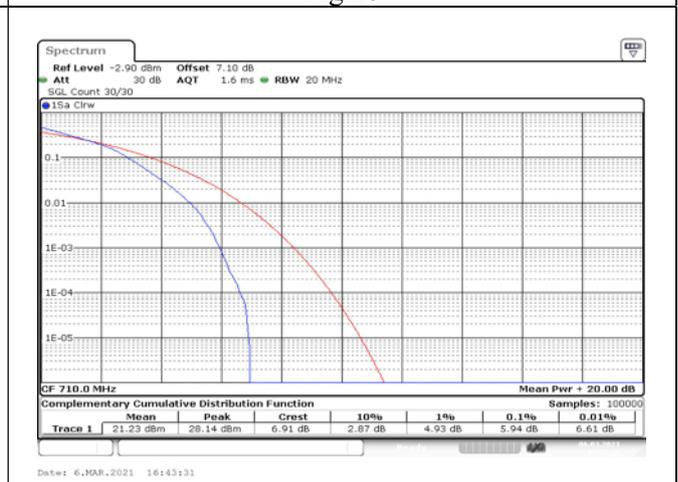
Fig.30

Fig.31
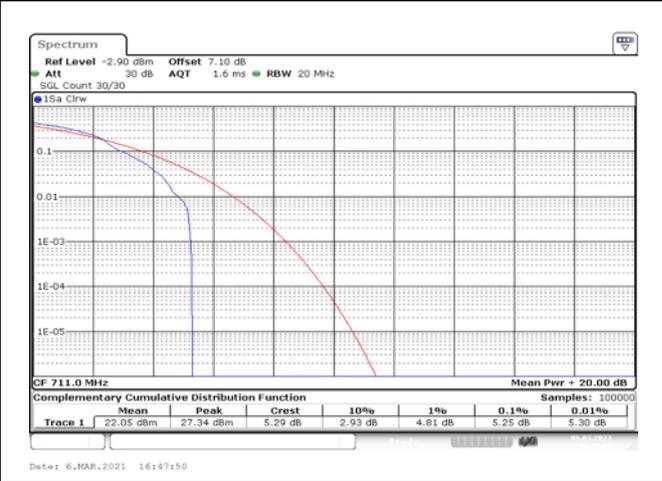
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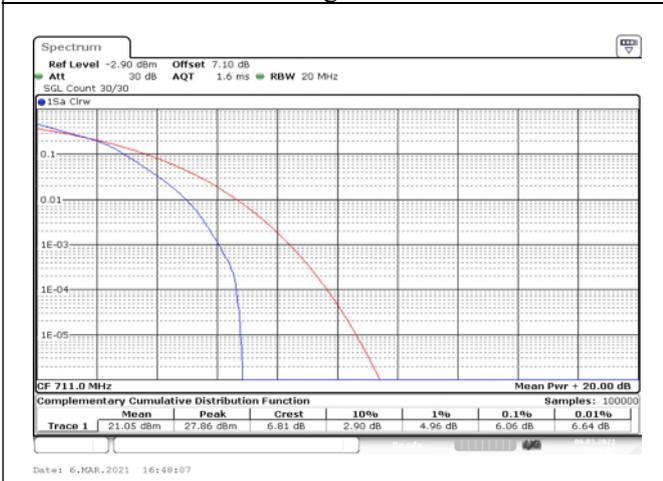
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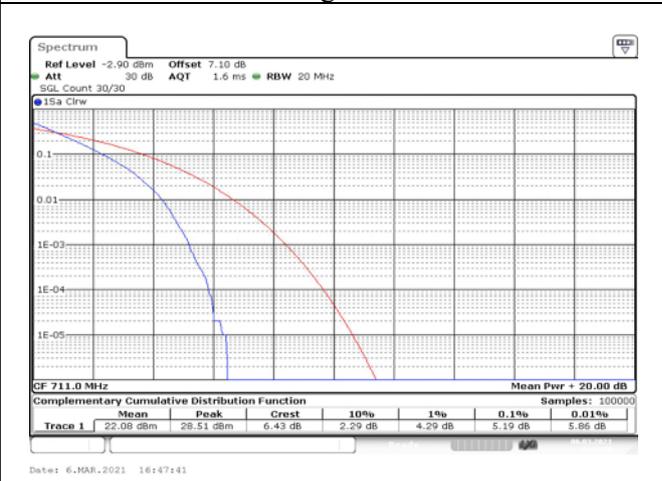
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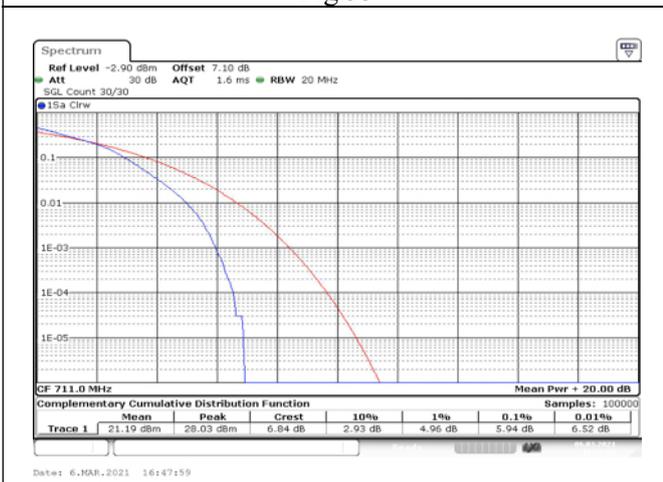
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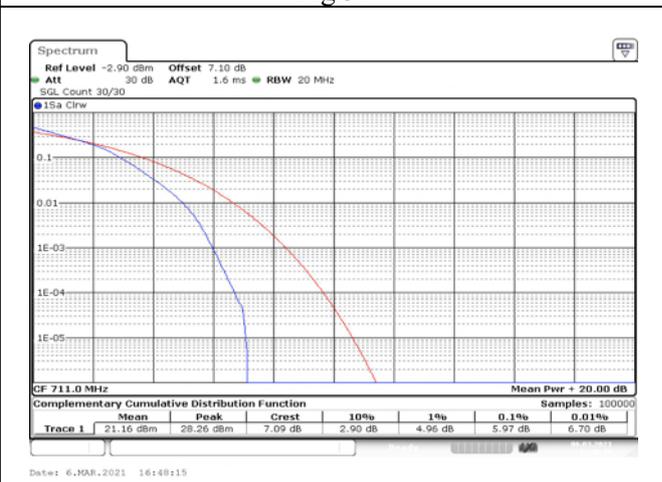
Fig.36

5 Spurious Emissions at antenna terminal

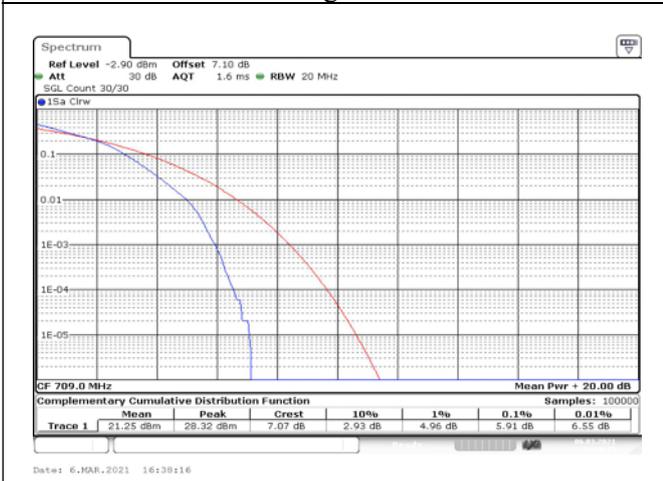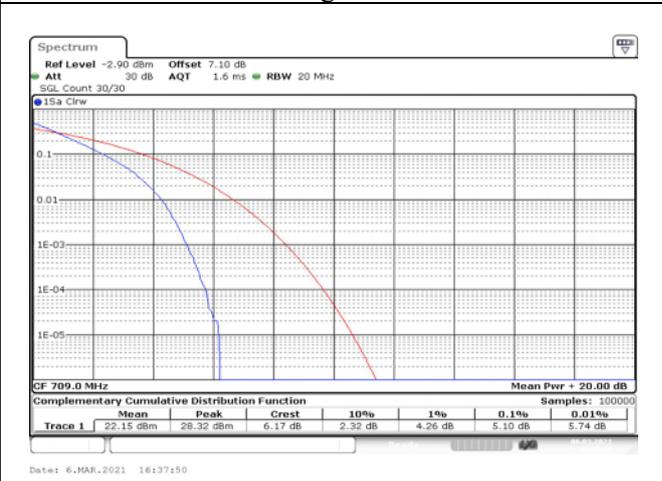| Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot QPSK
17	709	23780	10	1	0	Fig.1
	710	23790		1	0	Fig.2
	711	23800		1	0	Fig.3
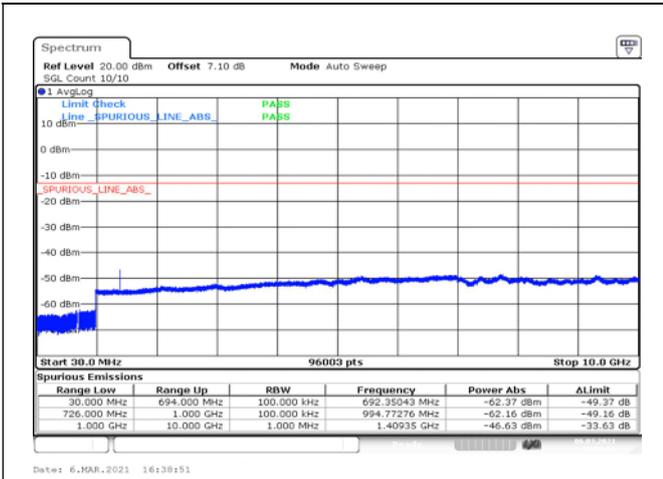
Fig.1
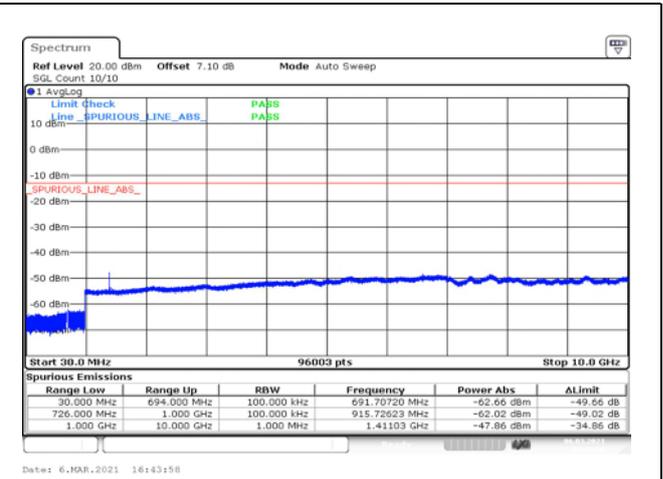
Fig.2
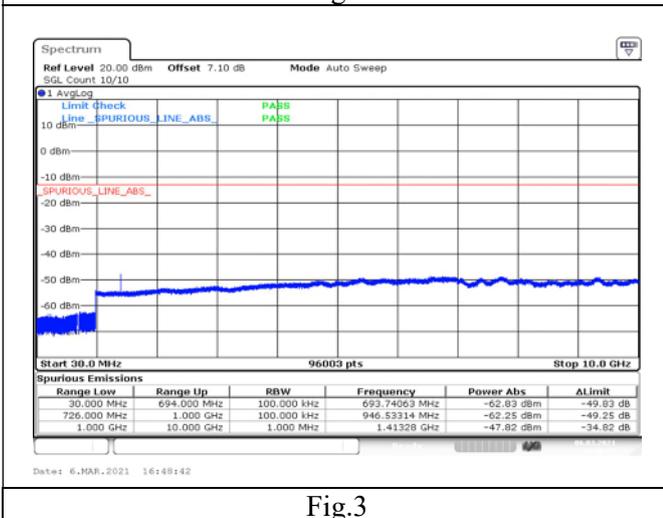
Fig.3

6   Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
17	706.5	23755	5	1	0	Fig.1
				25	0	Fig.2
	713.5	23825		1	24	Fig.3
				25	0	Fig.4
	709	23780	10	1	0	Fig.5
				50	0	Fig.6
	711	23800		1	49	Fig.7
				50	0	Fig.8

Fig.1	Fig.2
Fig.3	Fig.4
Fig.5	Fig.6
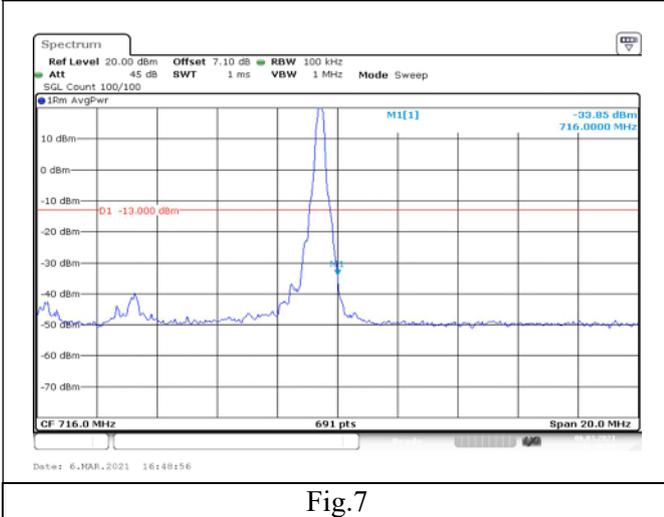
Fig.7
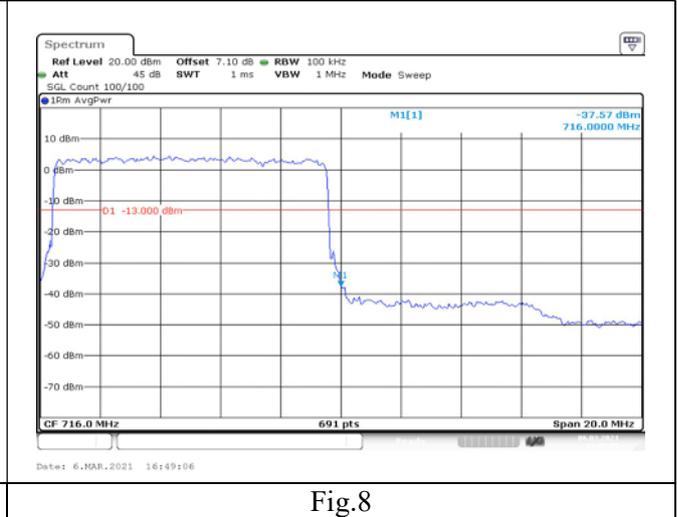
Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band17 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	0.002	0.010	---	---
-20	NV	---	---	0.002	0.002	---	---
-10	NV	---	---	0.006	0.004	---	---
0	NV	---	---	0.003	0.004	---	---
+10	NV	---	---	0.002	0.000	---	---
+20	NV	---	---	0.000	0.000	---	---
+30	NV	---	---	-0.002	0.009	---	---
+40	NV	---	---	0.002	0.002	---	---
+50	NV	---	---	-0.002	0.005	---	---
+20	LV	---	---	0.002	-0.001	---	---
+20	HV	---	---	0.009	0.009	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band17 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	---	---	-0.002	0.010	---	---
-20	NV	---	---	0.000	0.001	---	---
-10	NV	---	---	0.002	0.008	---	---
0	NV	---	---	-0.002	0.002	---	---
+10	NV	---	---	0.000	0.001	---	---
+20	NV	---	---	0.000	0.000	---	---
+30	NV	---	---	0.008	0.008	---	---
+40	NV	---	---	-0.008	0.006	---	---
+50	NV	---	---	0.006	0.004	---	---
+20	LV	---	---	-0.002	0.009	---	---
+20	HV	---	---	-0.004	0.006	---	---

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	706.5	23755	5	1	0	23.42	15.57	0.036
				1	12	23.46	15.61	0.036
				1	24	23.51	15.66	0.037
				12	0	22.40	14.55	0.029
				12	7	22.47	14.62	0.029
				12	13	22.54	14.69	0.029
				25	0	21.54	13.69	0.023
	710	23790		1	0	23.41	15.56	0.036
				1	12	23.39	15.54	0.036
				1	24	23.38	15.53	0.036
				12	0	22.46	14.61	0.029
				12	7	22.54	14.69	0.029
				12	13	22.47	14.62	0.029
				25	0	21.48	13.63	0.023
	713.5	23825		1	0	23.41	15.56	0.036
				1	12	23.38	15.53	0.036
				1	24	23.44	15.59	0.036
				12	0	22.49	14.64	0.029
				12	7	22.47	14.62	0.029
				12	13	22.47	14.62	0.029
				25	0	21.37	13.52	0.022
16QAM	706.5	23755		1	0	22.57	14.72	0.030
				1	12	22.61	14.76	0.030
				1	24	22.44	14.59	0.029
				12	0	21.54	13.69	0.023
				12	7	21.42	13.57	0.023
				12	13	21.53	13.68	0.023
				25	0	20.56	12.71	0.019
	710	23790		1	0	22.79	14.94	0.031
				1	12	22.81	14.96	0.031
				1	24	22.77	14.92	0.031
				12	0	21.51	13.66	0.023
				12	7	21.64	13.79	0.024
				12	13	21.54	13.69	0.023
				25	0	20.46	12.61	0.018
	713.5	23825		1	0	22.56	14.71	0.030
				1	12	22.58	14.73	0.030
				1	24	22.61	14.76	0.030
				12	0	21.45	13.60	0.023
				12	7	21.46	13.61	0.023
				12	13	21.42	13.57	0.023
				25	0	20.43	12.58	0.018

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	706.5	23755	5	1	0	21.62	13.77	0.024
				1	12	21.58	13.73	0.024
				1	24	21.55	13.70	0.023
				12	0	20.62	12.77	0.019
				12	7	20.61	12.76	0.019
				12	13	20.61	12.76	0.019
				25	0	19.62	11.77	0.015
	710	23790		1	0	21.47	13.62	0.023
				1	12	21.47	13.62	0.023
				1	24	21.42	13.57	0.023
				12	0	20.47	12.62	0.018
				12	7	20.44	12.59	0.018
				12	13	20.51	12.66	0.018
				25	0	19.47	11.62	0.015
	713.5	23825		1	0	21.45	13.60	0.023
				1	12	21.49	13.64	0.023
				1	24	21.48	13.63	0.023
				12	0	20.41	12.56	0.018
				12	7	20.45	12.60	0.018
				12	13	20.44	12.59	0.018
				25	0	19.30	11.45	0.014

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	709	23780	10	1	0	23.58	15.73	0.037
				1	25	23.48	15.63	0.037
				1	49	23.33	15.48	0.035
				25	0	22.49	14.64	0.029
				25	12	22.54	14.69	0.029
				25	25	22.54	14.69	0.029
				50	0	21.60	13.75	0.024
	710	23790		1	0	23.45	15.60	0.036
				1	25	23.48	15.63	0.037
				1	49	23.41	15.56	0.036
				25	0	22.50	14.65	0.029
				25	12	22.57	14.72	0.030
				25	25	22.61	14.76	0.030
				50	0	21.50	13.65	0.023
	711	23800		1	0	23.54	15.69	0.037
				1	25	23.45	15.60	0.036
				1	49	23.53	15.68	0.037
				25	0	22.45	14.60	0.029
				25	12	22.50	14.65	0.029
				25	25	22.55	14.70	0.030
				50	0	21.49	13.64	0.023
16QAM	709	23780		1	0	23.30	15.45	0.035
				1	25	23.11	15.26	0.034
				1	49	22.97	15.12	0.033
				25	0	21.54	13.69	0.023
				25	12	21.68	13.83	0.024
				25	25	21.72	13.87	0.024
				50	0	20.54	12.69	0.019
	710	23790		1	0	22.64	14.79	0.030
				1	25	22.60	14.75	0.030
				1	49	22.60	14.75	0.030
				25	0	21.52	13.67	0.023
				25	12	21.59	13.74	0.024
				25	25	21.59	13.74	0.024
				50	0	20.46	12.61	0.018
	711	23800		1	0	22.58	14.73	0.030
				1	25	22.53	14.68	0.029
				1	49	22.57	14.72	0.030
				25	0	21.59	13.74	0.024
				25	12	21.71	13.86	0.024
				25	25	21.67	13.82	0.024
				50	0	20.54	12.69	0.019

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	709	23780	10	1	0	21.64	13.79	0.024
				1	25	21.59	13.74	0.024
				1	49	21.58	13.73	0.024
				25	0	20.58	12.73	0.019
				25	12	20.59	12.74	0.019
				25	25	20.59	12.74	0.019
				50	0	19.59	11.74	0.015
	710	23790		1	0	21.50	13.65	0.023
				1	25	21.49	13.64	0.023
				1	49	21.56	13.71	0.023
				25	0	20.49	12.64	0.018
				25	12	20.56	12.71	0.019
				25	25	20.49	12.64	0.018
				50	0	19.48	11.63	0.015
	711	23800		1	0	21.54	13.69	0.023
				1	25	21.56	13.71	0.023
				1	49	21.49	13.64	0.023
				25	0	20.47	12.62	0.018
				25	12	20.49	12.64	0.018
				25	25	20.48	12.63	0.018
				50	0	19.48	11.63	0.015