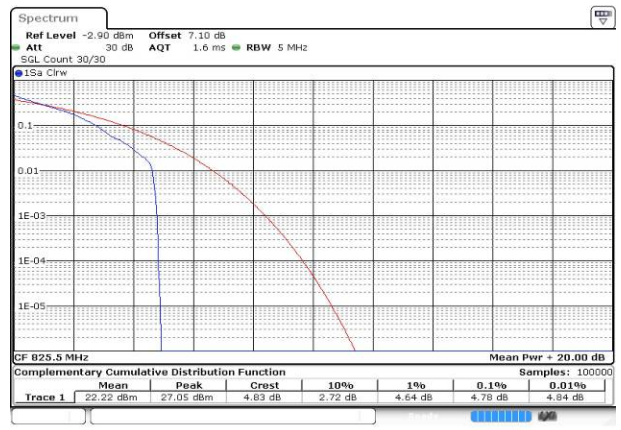


Fig.19

Fig.20

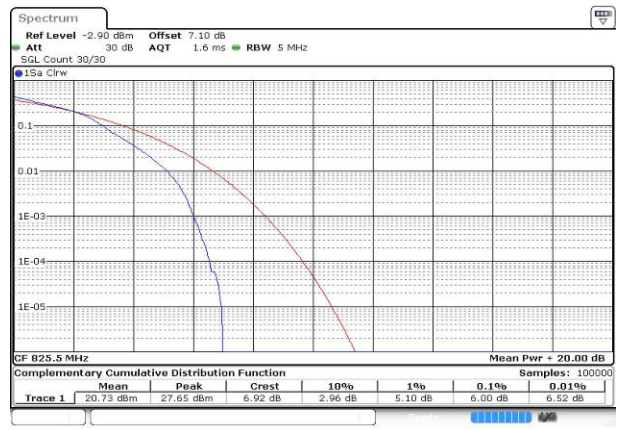


Fig.21

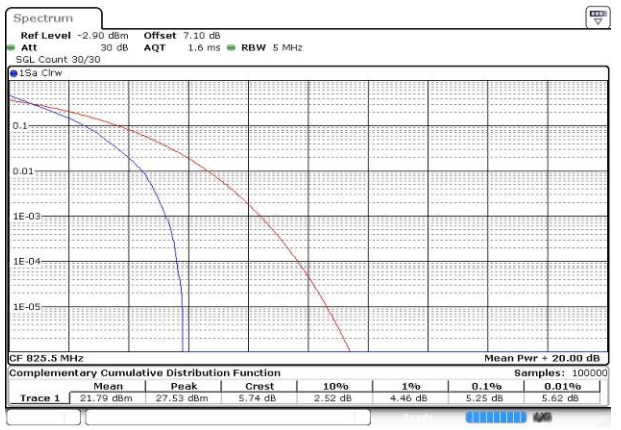


Fig.22

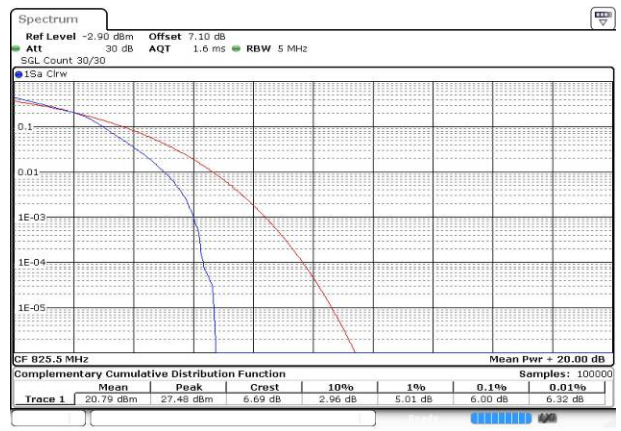
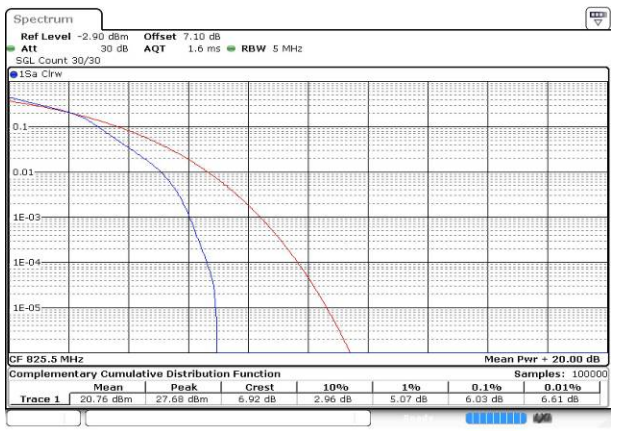


Fig.23



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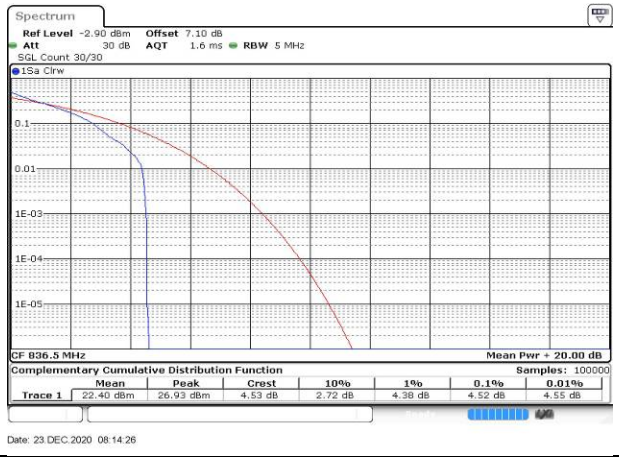

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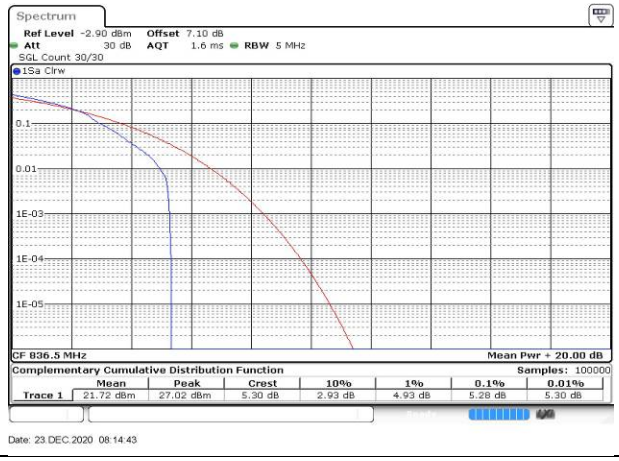


Fig.26

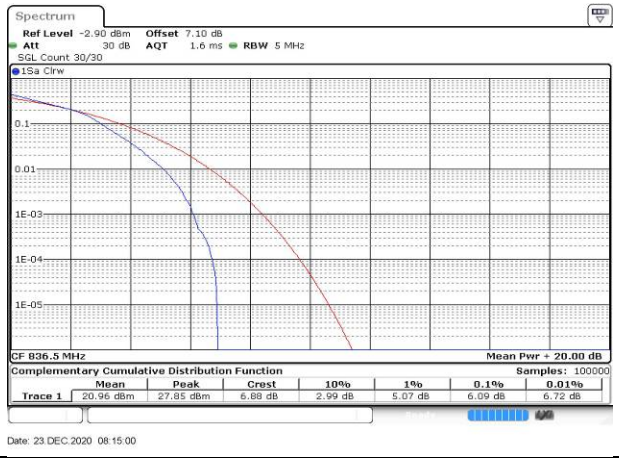


Fig.27

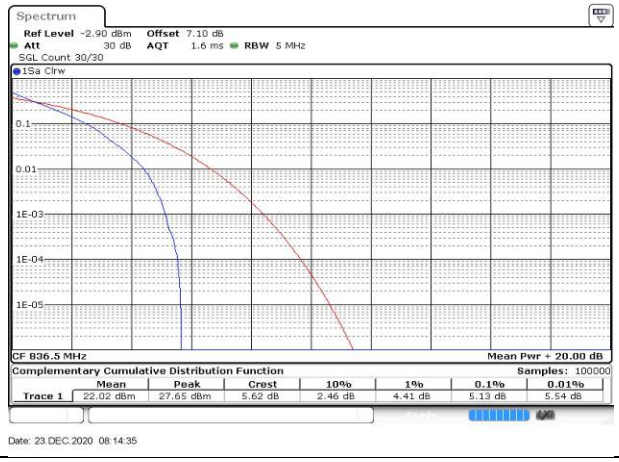


Fig.28

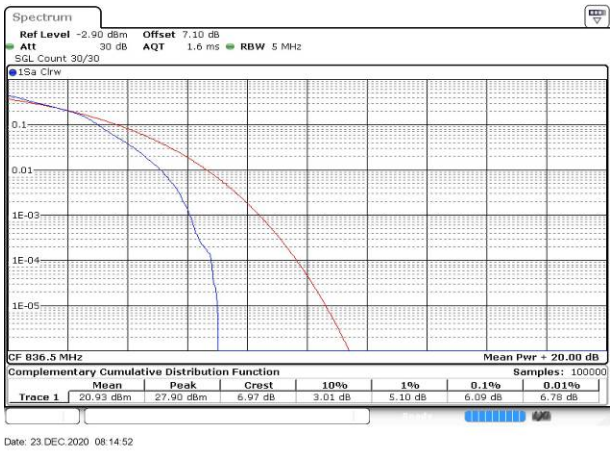


Fig.29

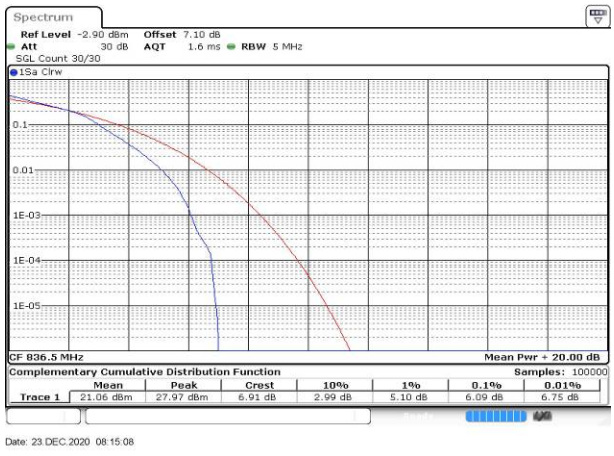


Fig.30

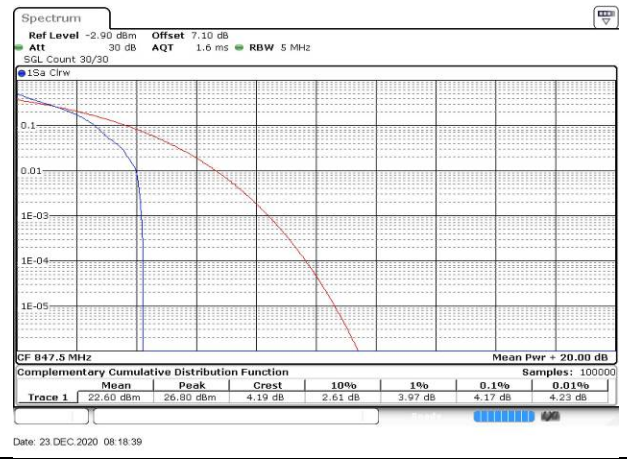


Fig.31

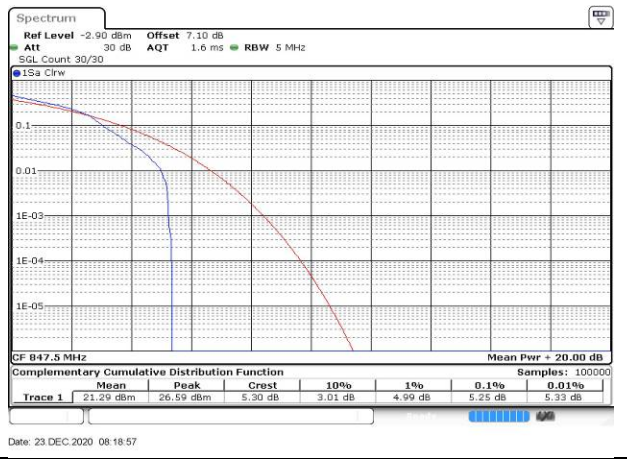


Fig.32

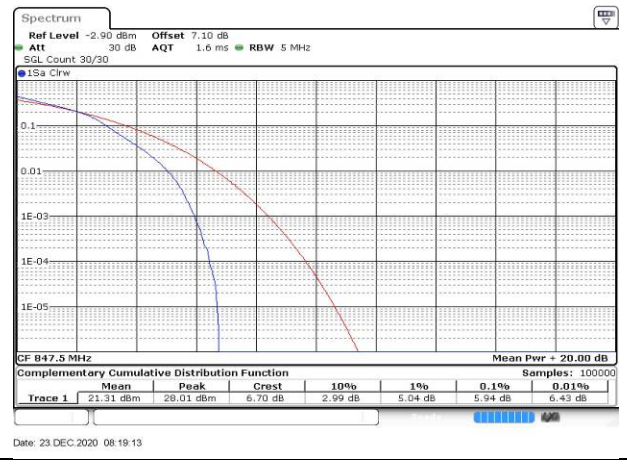


Fig.33

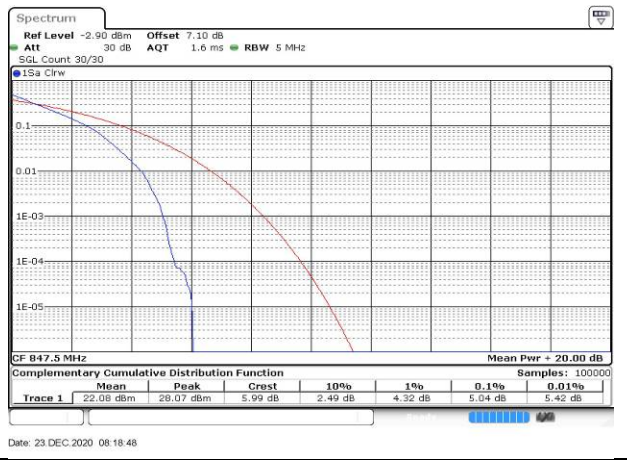


Fig.34

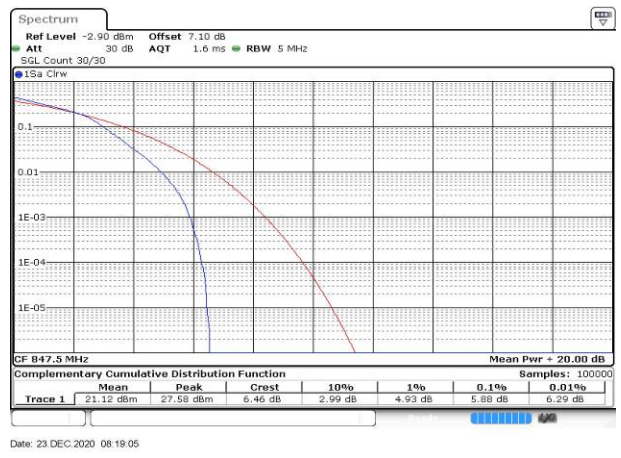


Fig.35

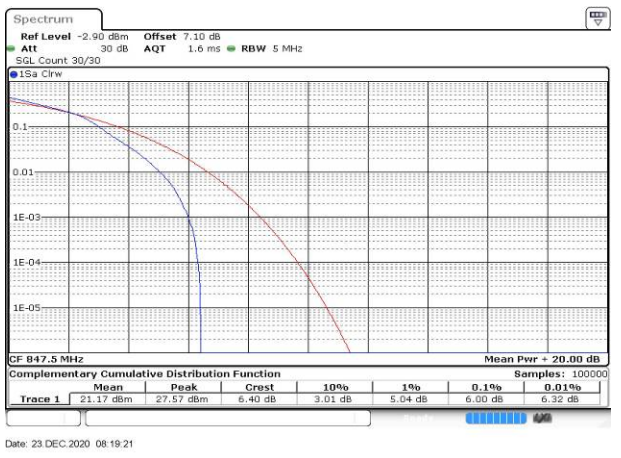


Fig.36

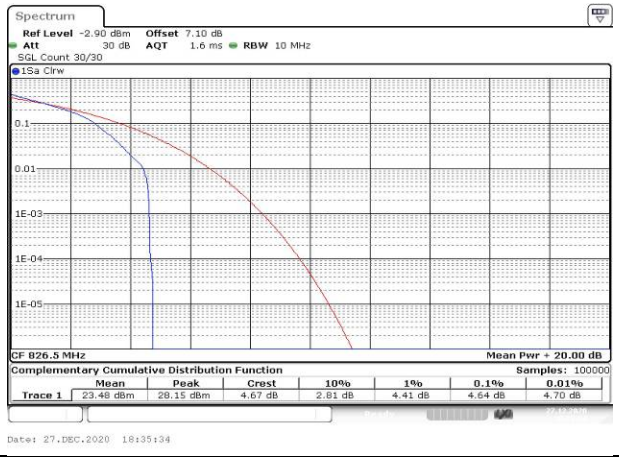


Fig.37

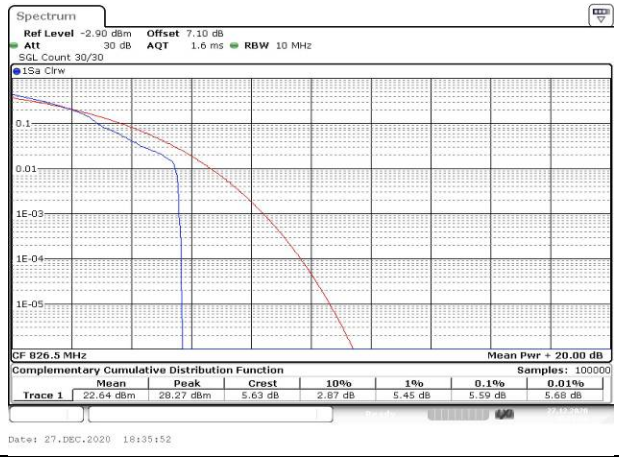


Fig.38

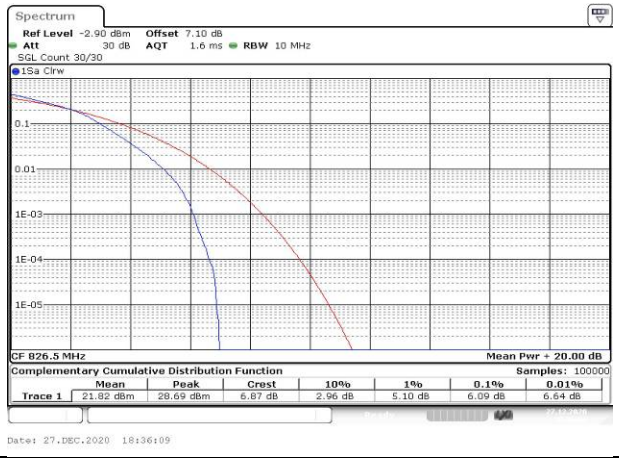


Fig.39

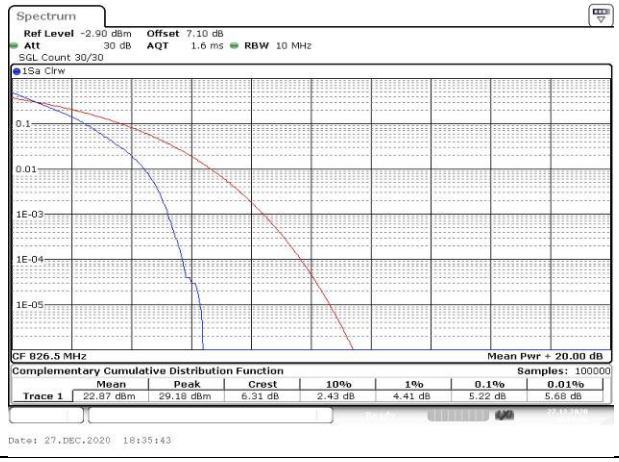
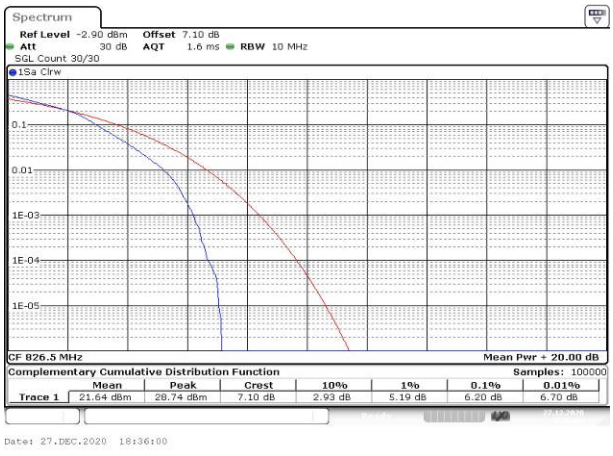


Fig.40



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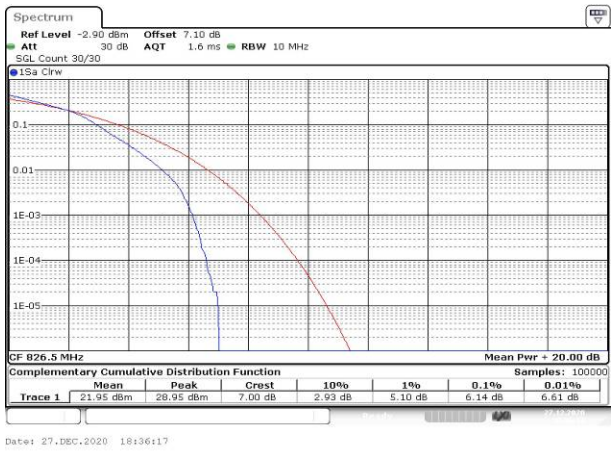
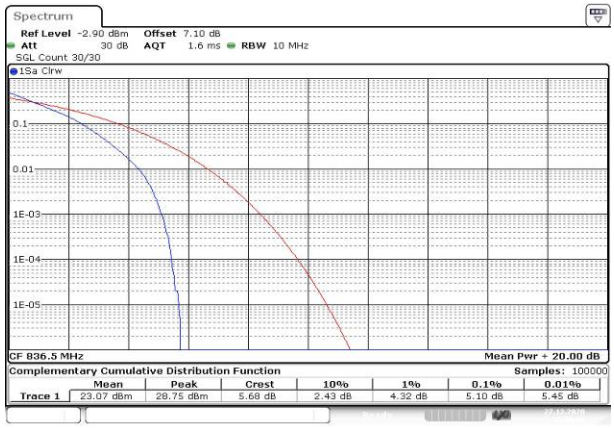


Fig.42

Fig.43

Fig.44

Fig.45



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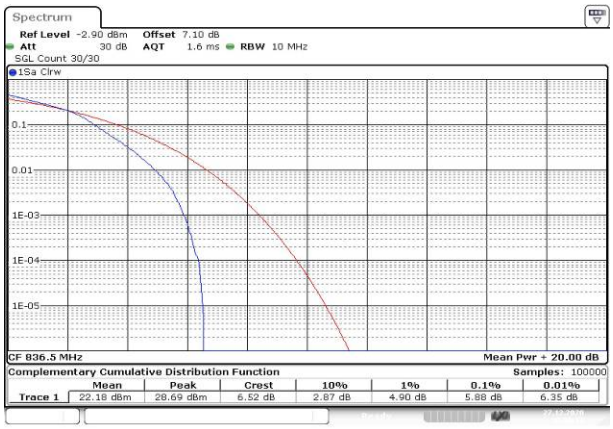

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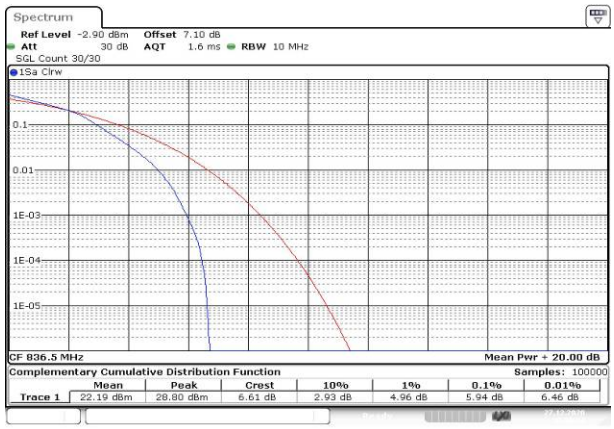


Fig.48

Fig.49

Fig.50

Fig.51

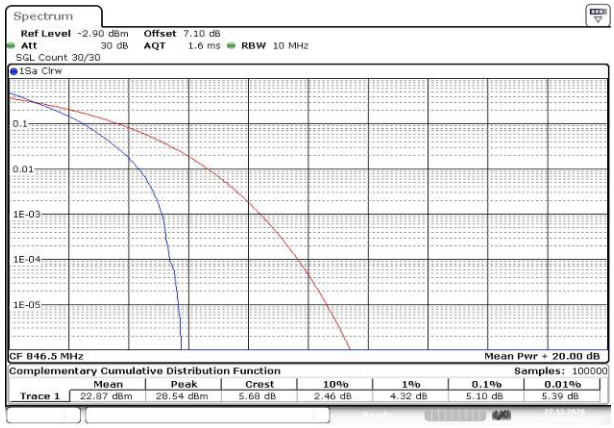


Fig.52

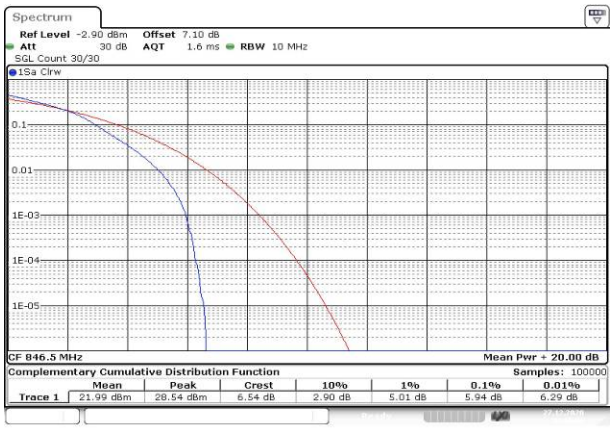


Fig.53

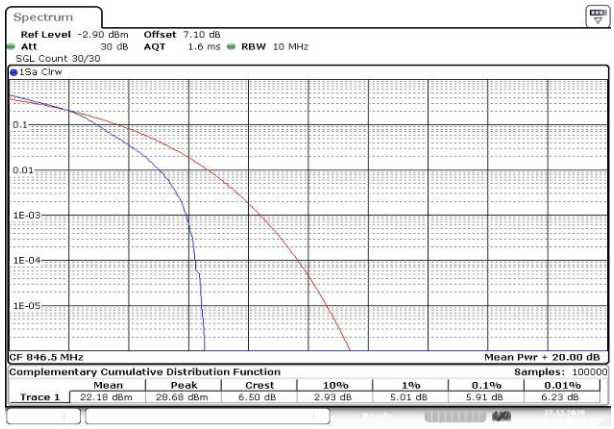


Fig.54

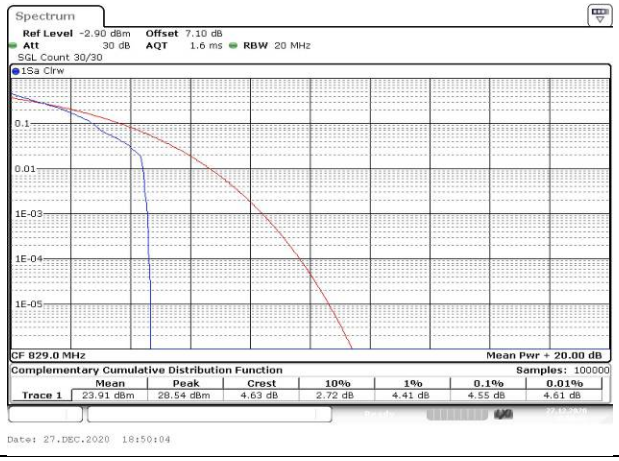


Fig.55

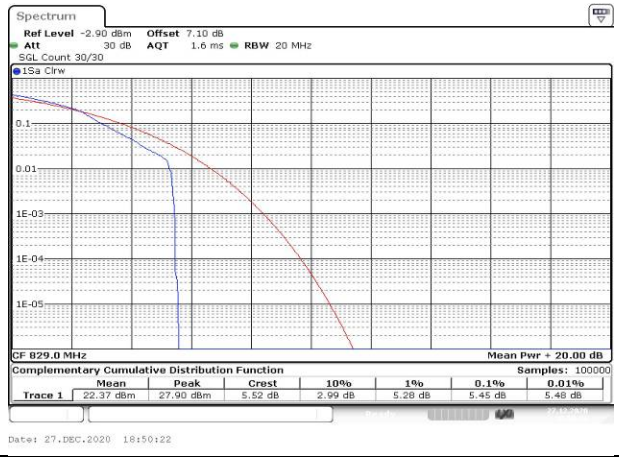
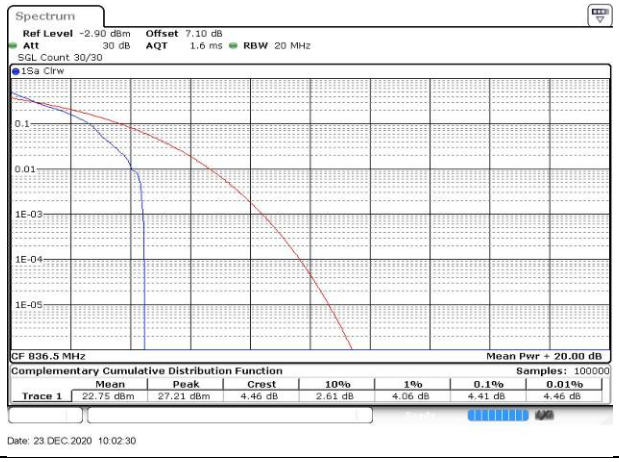


Fig.56



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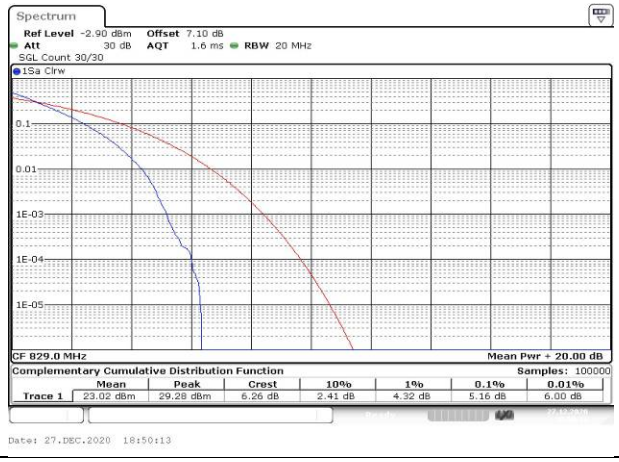

Fig.58

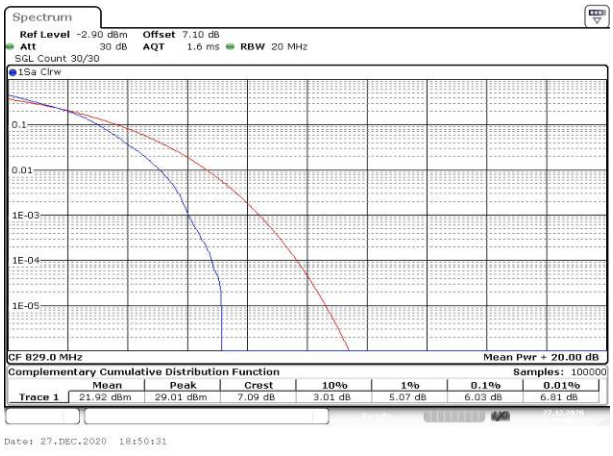

Fig.59

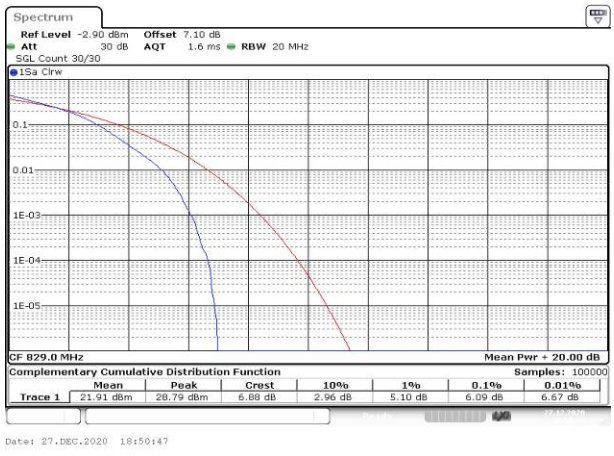

Fig.60

Fig.61

Fig.62

Fig.63

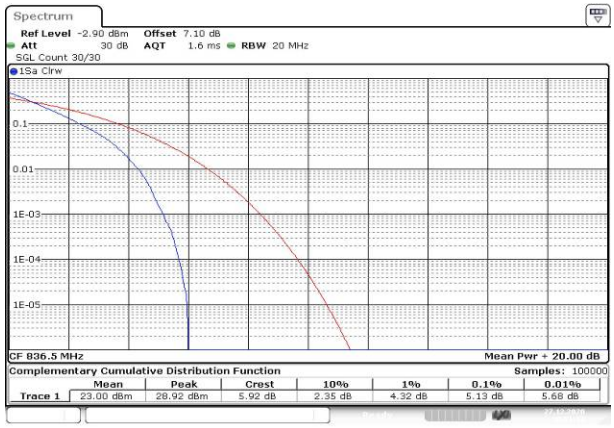

Fig.64

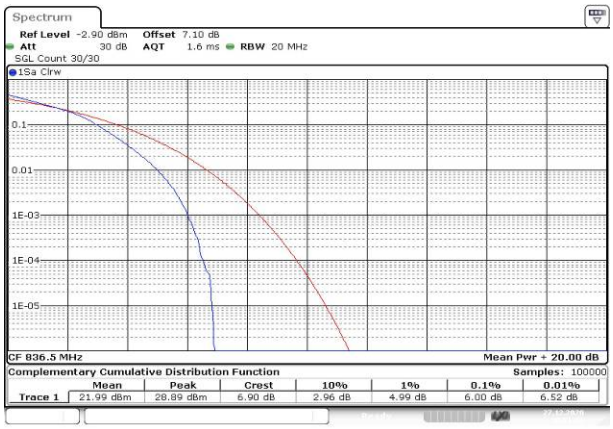

Fig.65

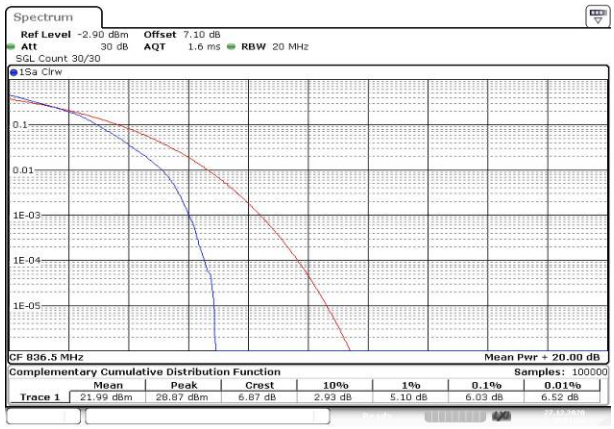

Fig.66

Fig.67

Fig.68

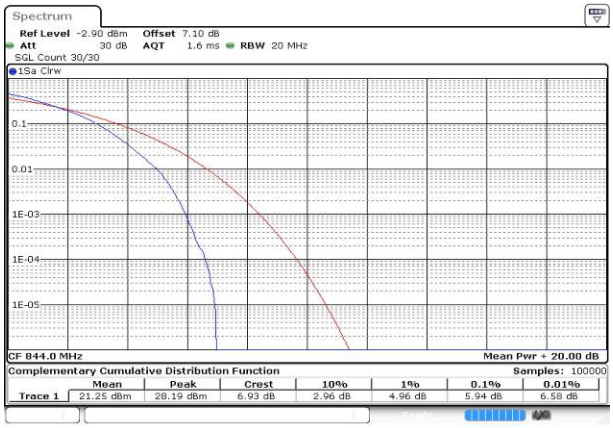

Fig.69

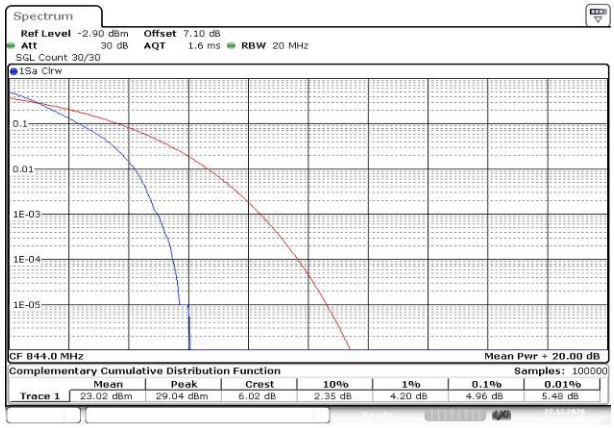

Fig.70

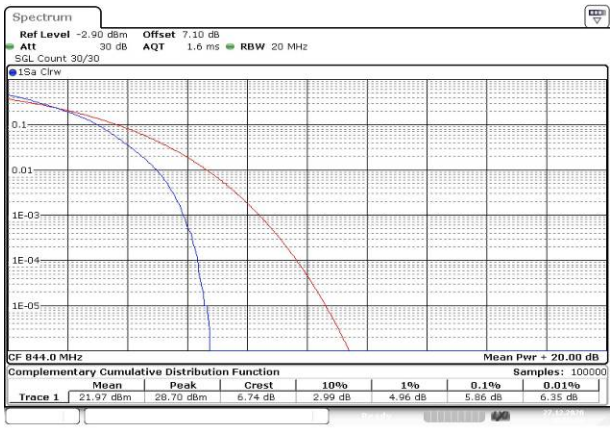

Fig.71

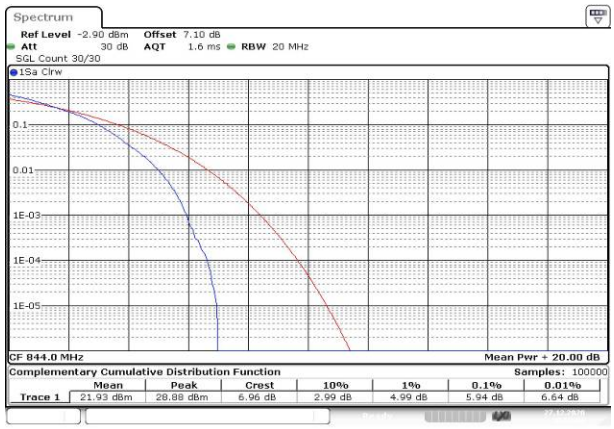

Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
5	829	20450	10	1	0	Fig.1
	836.5	20525		1	0	Fig.2
	844	20600		1	0	Fig.3

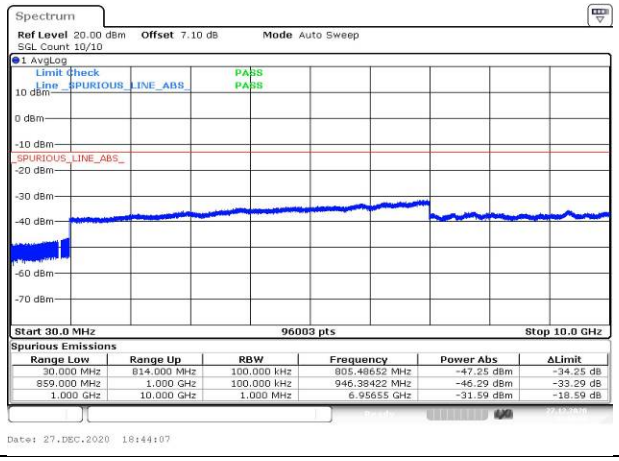

Fig.1

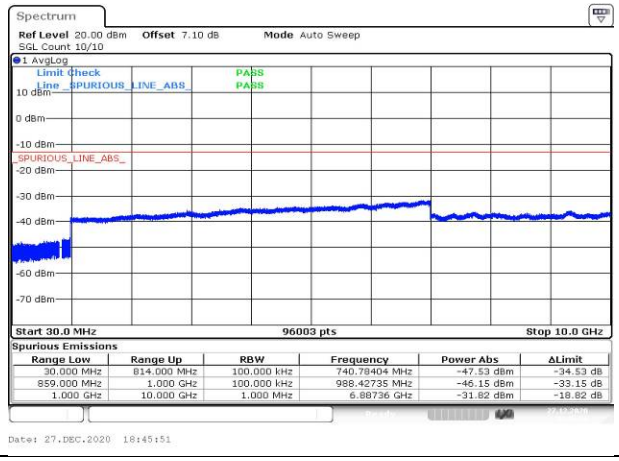

Fig.2

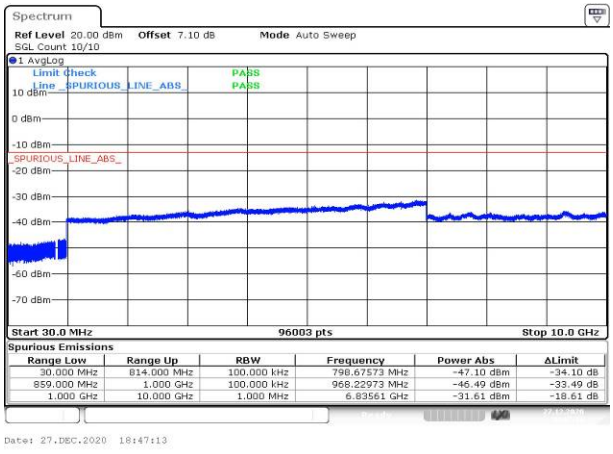

Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
5	824.7	20407	1.4	1	0	Fig.1
				6	0	Fig.2
	848.3	20643		1	5	Fig.3
				6	0	Fig.4
	825.5	20415	3	1	0	Fig.5
				15	0	Fig.6
	847.5	20635		1	14	Fig.7
				15	0	Fig.8
	826.5	20425	5	1	0	Fig.9
				25	0	Fig.10
	846.5	20625		1	24	Fig.11
				25	0	Fig.12
	829	20450	10	1	0	Fig.13
				50	0	Fig.14
	849	20600		1	49	Fig.15
				50	0	Fig.16

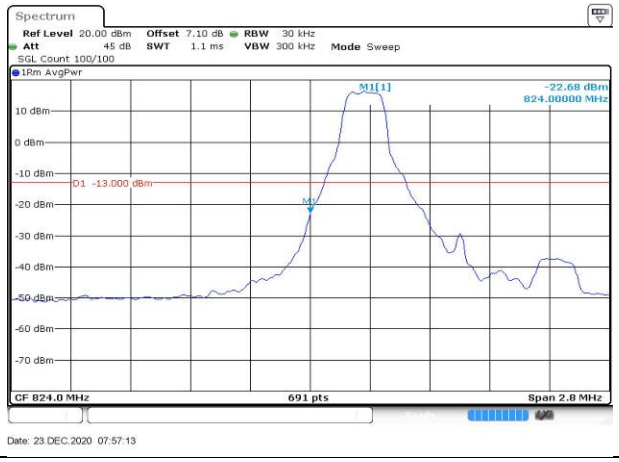

Fig.1

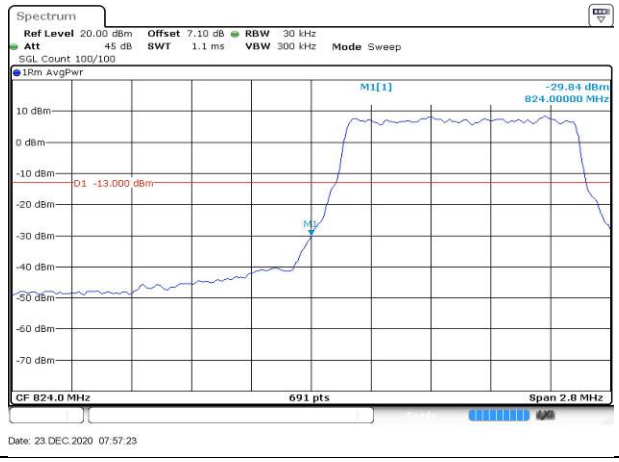

Fig.2

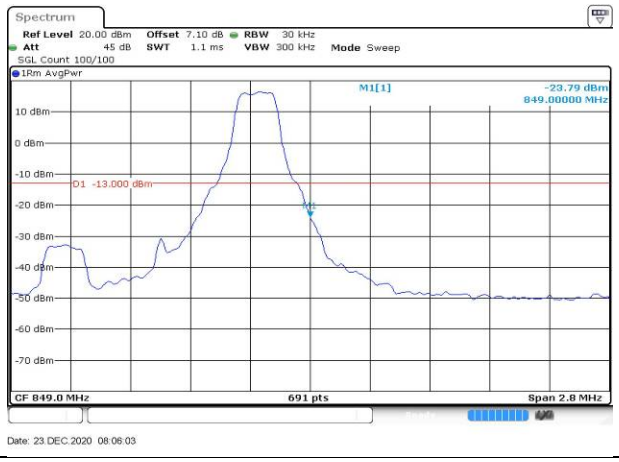

Fig.3

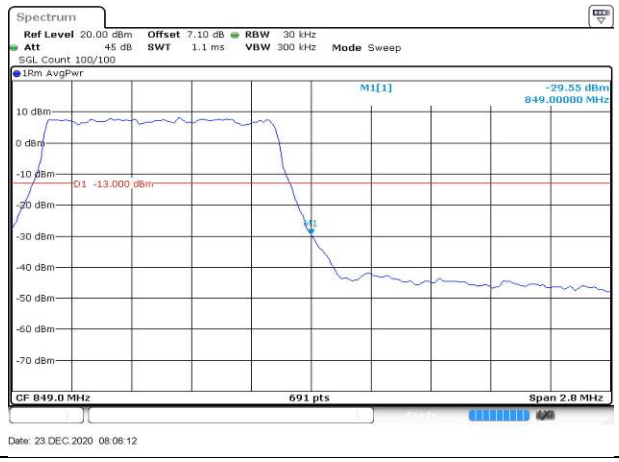

Fig.4

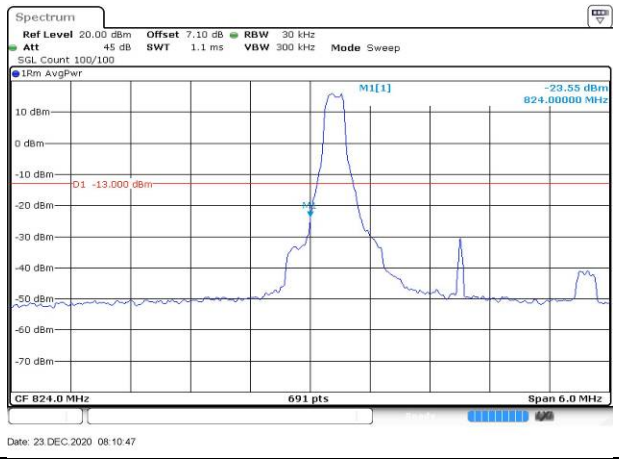

Fig.5

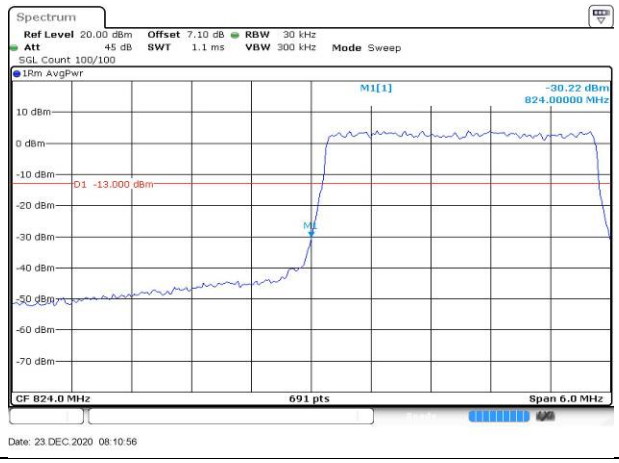

Fig.6

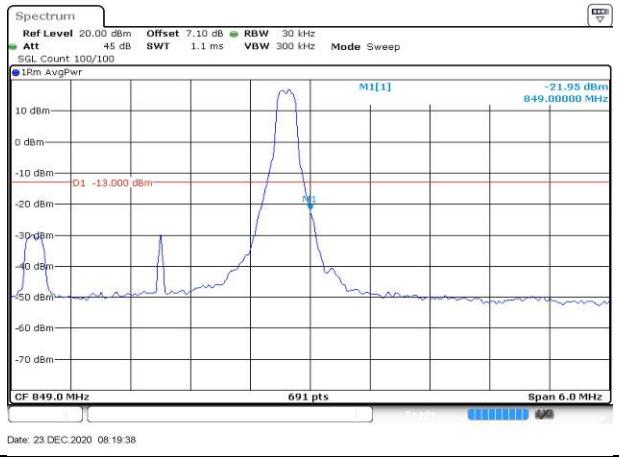

Fig.7

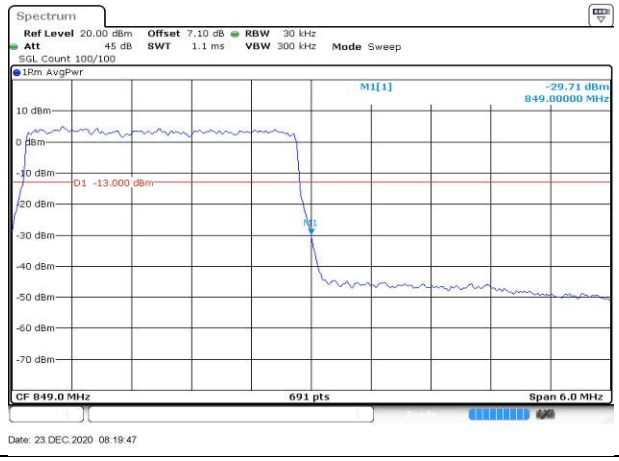

Fig.8

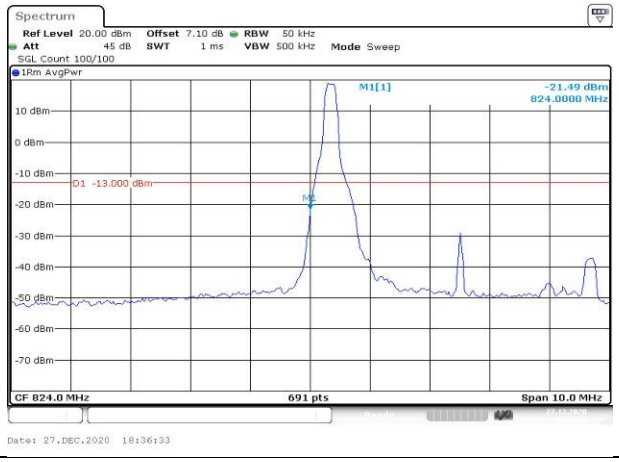

Fig.9

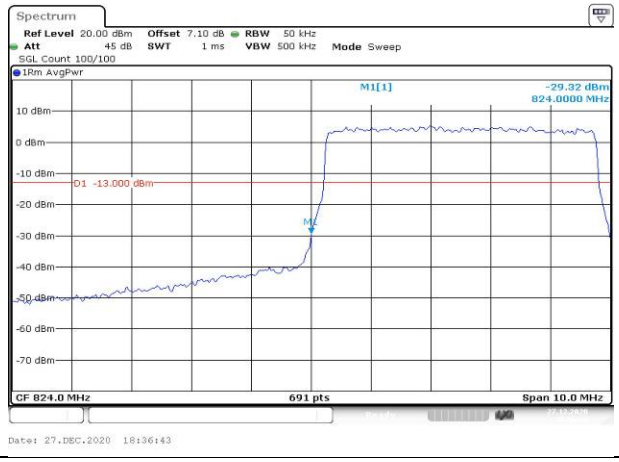

Fig.10

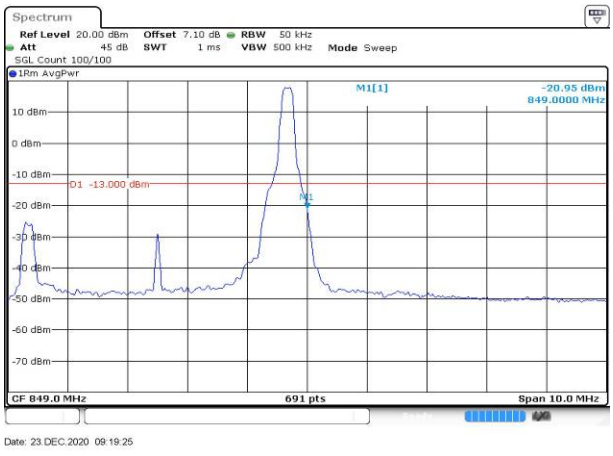

Fig.11

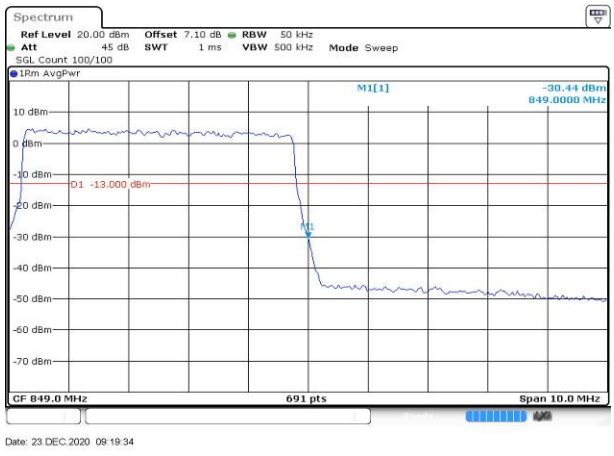

Fig.12

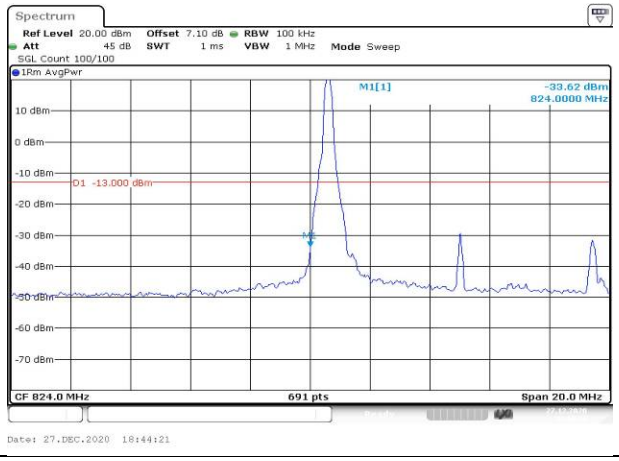

Fig.13

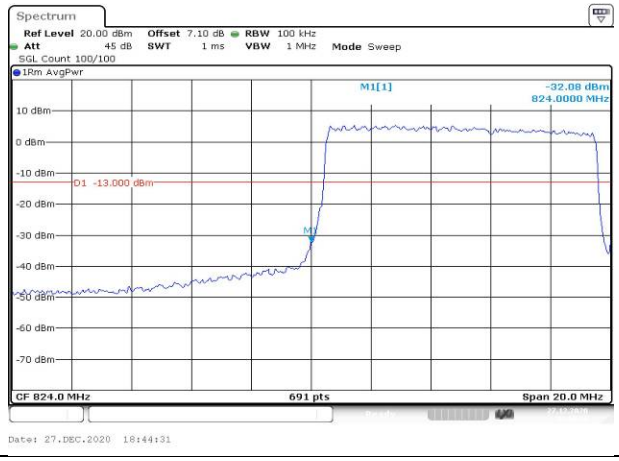

Fig.14

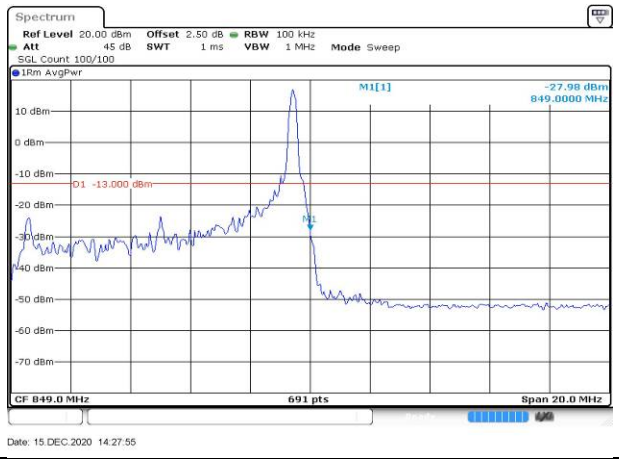

Fig.15

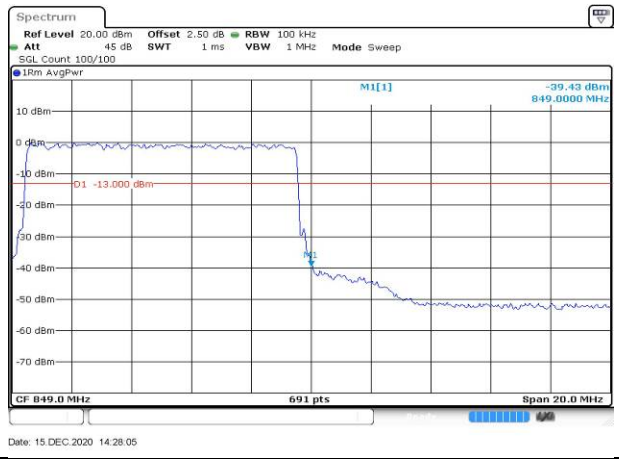

Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band5 Low Channel QPSK			
		1.4M	3M	5M	10M
-20	NV	-0.003	-0.001	0.000	0.001
-10	NV	-0.002	0.001	0.002	-0.002
0	NV	-0.002	0.000	-0.001	-0.003
+10	NV	-0.004	-0.003	-0.002	-0.003
+20	NV	0.000	0.000	0.000	0.000
+30	NV	-0.003	0.001	0.000	-0.002
+40	NV	-0.003	-0.001	-0.001	0.001
+50	NV	-0.005	-0.001	0.001	-0.001
+60	NV	0.001	-0.004	-0.002	0.000
+20	LV	-0.002	-0.001	-0.003	0.001
+20	HV	-0.001	0.000	0.001	0.000

Temperature(°C)	Voltage	Test Result (ppm) Band5 High Channel QPSK			
		1.4M	3M	5M	10M
-20	NV	-0.002	-0.001	0.001	-0.001
-10	NV	-0.001	-0.001	0.001	-0.001
0	NV	0.000	0.001	-0.002	0.000
+10	NV	0.000	-0.002	0.001	-0.001
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.000	-0.003	0.003	-0.003
+40	NV	0.002	-0.001	0.002	0.000
+50	NV	-0.001	-0.003	-0.001	0.001
+60	NV	-0.002	-0.003	-0.003	0.001
+20	LV	-0.002	0.000	0.001	-0.001
+20	HV	0.001	-0.004	0.000	-0.002

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	824.7	20407	1.4	1	0	23.80	17.94	0.062
				1	3	23.99	18.13	0.065
				1	5	23.60	17.74	0.059
				3	0	23.75	17.89	0.062
				3	1	23.66	17.80	0.060
				3	3	23.73	17.87	0.061
				6	0	22.69	16.83	0.048
	836.5	20525		1	0	23.52	17.66	0.058
				1	3	23.83	17.97	0.063
				1	5	23.82	17.96	0.063
				3	0	23.87	18.01	0.063
				3	1	23.84	17.98	0.063
				3	3	23.84	17.98	0.063
				6	0	22.80	16.94	0.049
	848.3	20643		1	0	23.67	17.81	0.060
				1	3	23.63	17.77	0.060
				1	5	23.95	18.09	0.064
				3	0	23.66	17.80	0.060
				3	1	23.67	17.81	0.060
				3	3	23.67	17.81	0.060
				6	0	22.76	16.90	0.049
16QAM	824.7	20407		1	0	22.92	17.06	0.051
				1	3	23.10	17.24	0.053
				1	5	22.89	17.03	0.050
				3	0	22.63	16.77	0.048
				3	1	22.83	16.97	0.050
				3	3	22.77	16.91	0.049
				6	0	21.56	15.70	0.037
	836.5	20525		1	0	23.46	17.60	0.058
				1	3	23.21	17.35	0.054
				1	5	23.21	17.35	0.054
				3	0	22.82	16.96	0.050
				3	1	22.81	16.95	0.050
				3	3	23.01	17.15	0.052
				6	0	22.16	16.30	0.043
	848.3	20643		1	0	22.86	17.00	0.050
				1	3	22.79	16.93	0.049
				1	5	22.80	16.94	0.049
				3	0	22.82	16.96	0.050
				3	1	22.76	16.90	0.049
				3	3	22.69	16.83	0.048
				6	0	21.84	15.98	0.040

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	824.7	20407	1.4	1	0	21.56	15.70	0.037
				1	3	21.46	15.60	0.036
				1	5	21.46	15.60	0.036
				3	0	21.45	15.59	0.036
				3	1	21.84	15.98	0.040
				3	3	21.84	15.98	0.040
				6	0	21.83	15.97	0.040
	836.5	20525		1	0	21.95	16.09	0.041
				1	3	21.76	15.90	0.039
				1	5	22.13	16.27	0.042
				3	0	21.93	16.07	0.040
				3	1	21.92	16.06	0.040
				3	3	21.82	15.96	0.039
				6	0	21.92	16.06	0.040
	848.3	20643		1	0	21.63	15.77	0.038
				1	3	21.64	15.78	0.038
				1	5	21.64	15.78	0.038
				3	0	21.64	15.78	0.038
				3	1	21.64	15.78	0.038
				3	3	21.64	15.78	0.038
				6	0	21.64	15.78	0.038

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	20415	3	1	0	23.45	17.59	0.057
				1	8	23.47	17.61	0.058
				1	14	23.43	17.57	0.057
				8	0	22.53	16.67	0.046
				8	4	22.55	16.69	0.047
				8	7	22.54	16.68	0.047
				15	0	22.58	16.72	0.047
	836.5	20525		1	0	23.60	17.74	0.059
				1	8	23.69	17.83	0.061
				1	14	23.69	17.83	0.061
				8	0	22.70	16.84	0.048
				8	4	22.80	16.94	0.049
				8	7	22.80	16.94	0.049
				15	0	22.81	16.95	0.050
	847.5	20635		1	0	23.67	17.81	0.060
				1	8	23.89	18.03	0.064
				1	14	23.87	18.01	0.063
				8	0	22.79	16.93	0.049
				8	4	22.86	17.00	0.050
				8	7	22.86	17.00	0.050
				15	0	22.82	16.96	0.050
16QAM	825.5	20415		1	0	22.81	16.95	0.050
				1	8	22.86	17.00	0.050
				1	14	22.86	17.00	0.050
				8	0	22.10	16.24	0.042
				8	4	21.94	16.08	0.041
				8	7	22.04	16.18	0.041
				15	0	21.76	15.90	0.039
	836.5	20525		1	0	22.89	17.03	0.050
				1	8	23.45	17.59	0.057
				1	14	22.98	17.12	0.052
				8	0	22.12	16.26	0.042
				8	4	22.11	16.25	0.042
				8	7	22.11	16.25	0.042
				15	0	21.88	16.02	0.040
	847.5	20635		1	0	22.63	16.77	0.048
				1	8	22.87	17.01	0.050
				1	14	22.90	17.04	0.051
				8	0	21.94	16.08	0.041
				8	4	21.74	15.88	0.039
				8	7	21.84	15.98	0.040
				15	0	21.93	16.07	0.040

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	825.5	20415	3	1	0	21.77	15.91	0.039
				1	8	21.77	15.91	0.039
				1	14	21.77	15.91	0.039
				8	0	21.86	16.00	0.040
				8	4	21.86	16.00	0.040
				8	7	21.77	15.91	0.039
				15	0	21.66	15.80	0.038
	836.5	20525		1	0	21.78	15.92	0.039
				1	8	21.68	15.82	0.038
				1	14	21.98	16.12	0.041
				8	0	22.07	16.21	0.042
				8	4	22.07	16.21	0.042
				8	7	22.07	16.21	0.042
				15	0	22.07	16.21	0.042
	847.5	20635		1	0	21.93	16.07	0.040
				1	8	21.93	16.07	0.040
				1	14	21.81	15.95	0.039
				8	0	21.93	16.07	0.040
				8	4	21.92	16.06	0.040
				8	7	21.92	16.06	0.040
				15	0	21.92	16.06	0.040

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	826.5	20425	5	1	0	23.71	17.85	0.061
				1	12	23.52	17.66	0.058
				1	24	23.57	17.71	0.059
				12	0	22.67	16.81	0.048
				12	7	22.61	16.75	0.047
				12	13	22.60	16.74	0.047
				25	0	22.58	16.72	0.047
	836.5	20525		1	0	23.80	17.94	0.062
				1	12	23.81	17.95	0.062
				1	24	23.77	17.91	0.062
				12	0	22.82	16.96	0.050
				12	7	22.82	16.96	0.050
				12	13	22.80	16.94	0.049
				25	0	22.81	16.95	0.050
	846.5	20625		1	0	23.40	17.54	0.057
				1	12	23.75	17.89	0.062
				1	24	23.72	17.86	0.061
				12	0	22.73	16.87	0.049
				12	7	22.78	16.92	0.049
				12	13	22.77	16.91	0.049
				25	0	22.71	16.85	0.048
16QAM	826.5	20425		1	0	22.72	16.86	0.049
				1	12	22.70	16.84	0.048
				1	24	22.96	17.10	0.051
				12	0	21.28	15.42	0.035
				12	7	21.53	15.67	0.037
				12	13	21.53	15.67	0.037
				25	0	21.57	15.71	0.037
	836.5	20525		1	0	22.39	16.53	0.045
				1	12	22.46	16.60	0.046
				1	24	22.35	16.49	0.045
				12	0	21.70	15.84	0.038
				12	7	21.74	15.88	0.039
				12	13	21.73	15.87	0.039
				25	0	21.92	16.06	0.040
	846.5	20625		1	0	22.92	17.06	0.051
				1	12	23.03	17.17	0.052
				1	24	23.02	17.16	0.052
				12	0	21.51	15.65	0.037
				12	7	21.48	15.62	0.036
				12	13	21.48	15.62	0.036
				25	0	21.56	15.70	0.037

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	826.5	20425	5	1	0	21.56	15.70	0.037
				1	12	21.56	15.70	0.037
				1	24	21.66	15.80	0.038
				12	0	21.65	15.79	0.038
				12	7	21.56	15.70	0.037
				12	13	21.65	15.79	0.038
				25	0	21.64	15.78	0.038
	836.5	20525		1	0	21.91	16.05	0.040
				1	12	21.71	15.85	0.038
				1	24	21.79	15.93	0.039
				12	0	21.79	15.93	0.039
				12	7	21.85	15.99	0.040
				12	13	21.77	15.91	0.039
				25	0	21.77	15.91	0.039
	846.5	20625		1	0	21.56	15.70	0.037
				1	12	21.56	15.70	0.037
				1	24	21.76	15.90	0.039
				12	0	21.75	15.89	0.039
				12	7	21.84	15.98	0.040
				12	13	21.83	15.97	0.040
				25	0	21.83	15.97	0.040

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	829	20450	10	1	0	23.66	17.80	0.060
				1	25	23.58	17.72	0.059
				1	49	23.55	17.69	0.059
				25	0	22.88	17.02	0.050
				25	12	22.84	16.98	0.050
				25	25	22.81	16.95	0.050
				50	0	22.77	16.91	0.049
	836.5	20525		1	0	23.52	17.66	0.058
				1	25	23.48	17.62	0.058
				1	49	23.49	17.63	0.058
				25	0	22.81	16.95	0.050
				25	12	22.88	17.02	0.050
				25	25	22.88	17.02	0.050
				50	0	22.80	16.94	0.049
	844	20600		1	0	23.66	17.80	0.060
				1	25	23.72	17.86	0.061
				1	49	23.60	17.74	0.059
				25	0	22.78	16.92	0.049
				25	12	22.78	16.92	0.049
				25	25	22.77	16.91	0.049
				50	0	22.80	16.94	0.049
16QAM	829	20450		1	0	23.16	17.30	0.054
				1	25	23.10	17.24	0.053
				1	49	22.88	17.02	0.050
				25	0	21.73	15.87	0.039
				25	12	21.91	16.05	0.040
				25	25	21.89	16.03	0.040
				50	0	21.80	15.94	0.039
	836.5	20525		1	0	22.20	16.34	0.043
				1	25	22.21	16.35	0.043
				1	49	22.22	16.36	0.043
				25	0	22.11	16.25	0.042
				25	12	22.16	16.30	0.043
				25	25	22.16	16.30	0.043
				50	0	21.93	16.07	0.040
	844	20600		1	0	22.99	17.13	0.052
				1	25	23.04	17.18	0.052
				1	49	22.94	17.08	0.051
				25	0	21.84	15.98	0.040
				25	12	21.68	15.82	0.038
				25	25	21.76	15.90	0.039
				50	0	21.83	15.97	0.040

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	829	20450	10	1	0	21.79	15.93	0.039
				1	25	21.78	15.92	0.039
				1	49	21.77	15.91	0.039
				25	0	21.76	15.90	0.039
				25	12	21.74	15.88	0.039
				25	25	21.73	15.87	0.039
				50	0	21.83	15.97	0.040
	836.5	20525		1	0	21.92	16.06	0.040
				1	25	21.72	15.86	0.039
				1	49	21.81	15.95	0.039
				25	0	21.72	15.86	0.039
				25	12	21.72	15.86	0.039
				25	25	21.71	15.85	0.038
				50	0	21.71	15.85	0.038
	844	20600		1	0	21.74	15.88	0.039
				1	25	21.92	16.06	0.040
				1	49	21.74	15.88	0.039
				25	0	21.83	15.97	0.040
				25	12	21.83	15.97	0.040
				25	25	21.92	16.06	0.040
				50	0	21.74	15.88	0.039