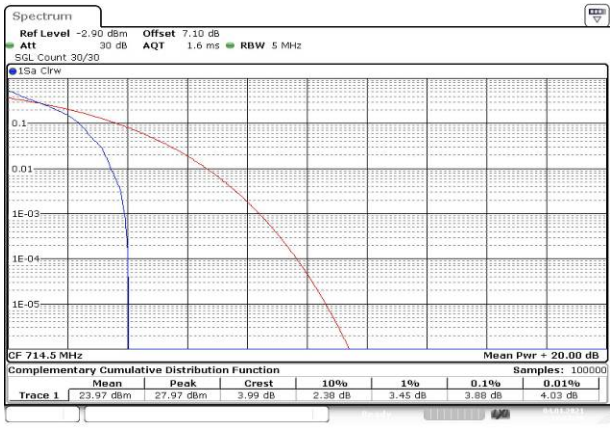


Fig.31

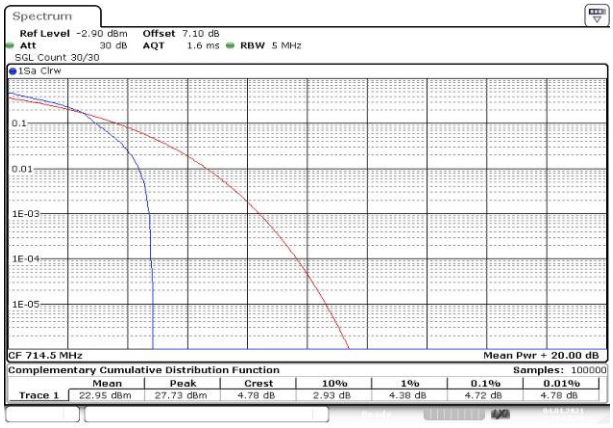


Fig.32

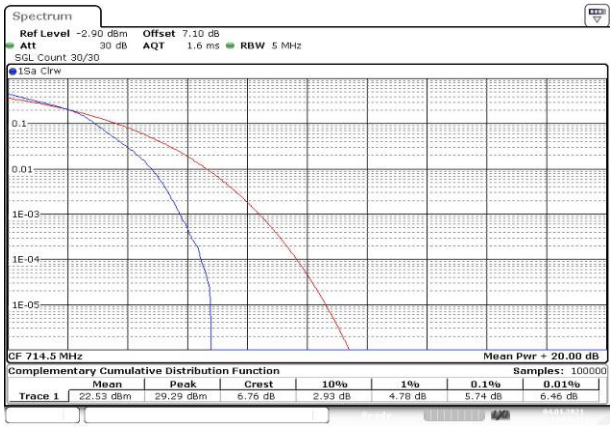


Fig.33

Fig.34

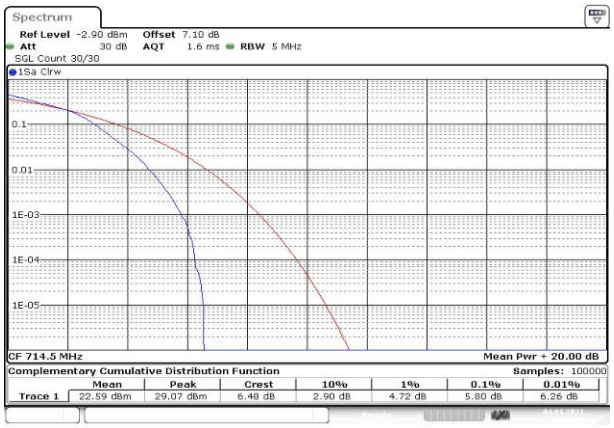


Fig.35

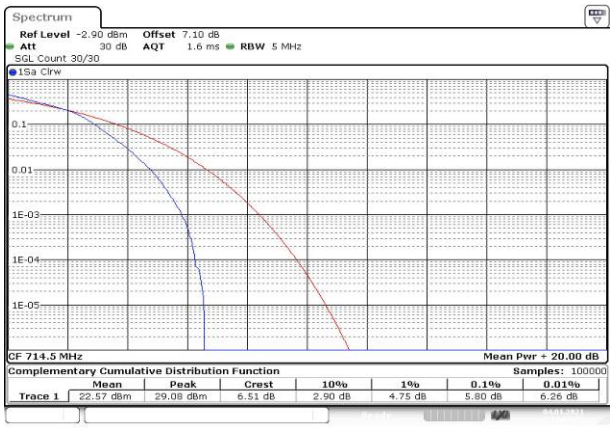


Fig.36

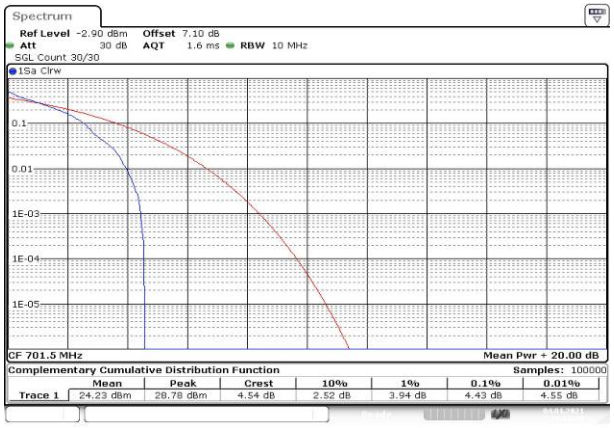


Fig.37

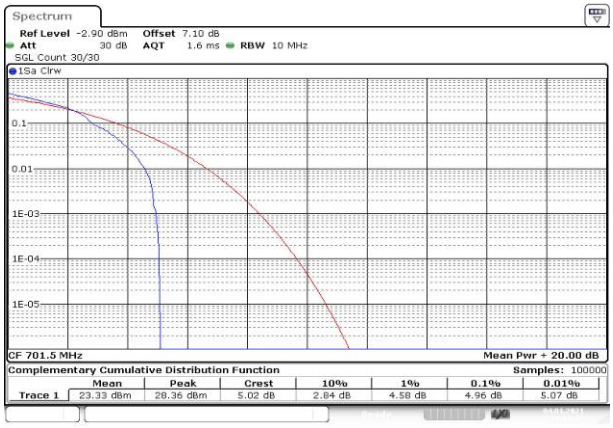


Fig.38

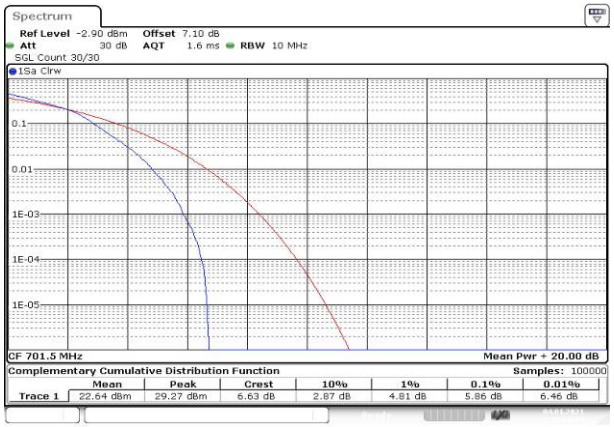
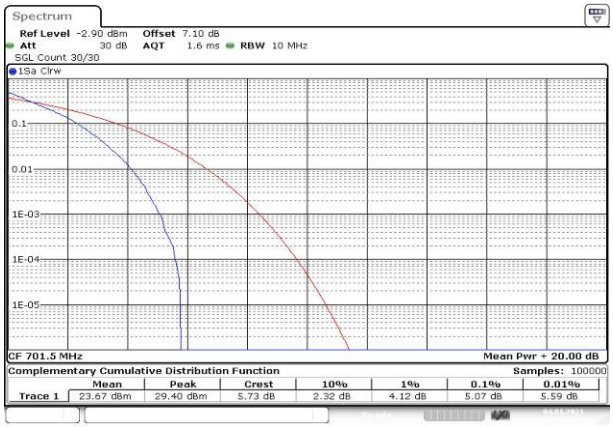


Fig.39



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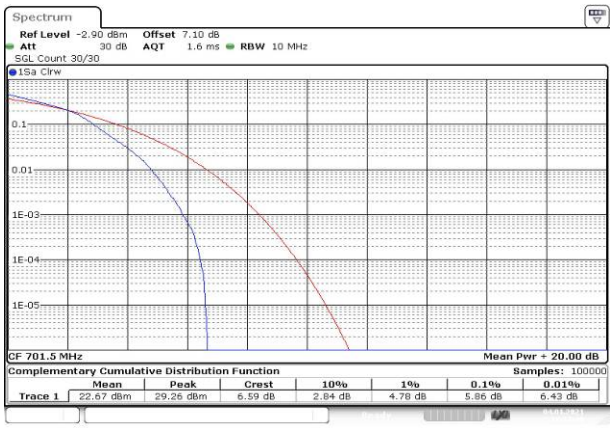

Fig.41

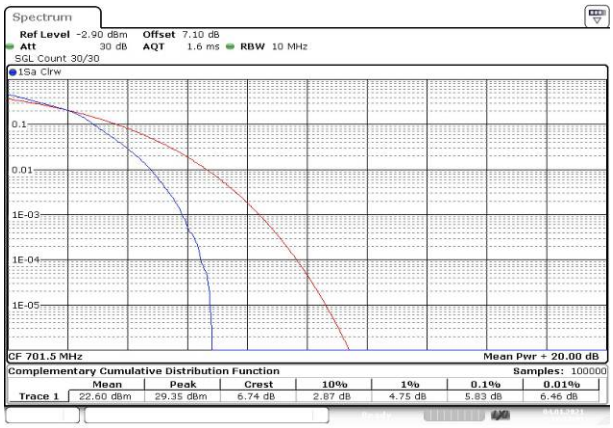

Fig.42

Fig.43

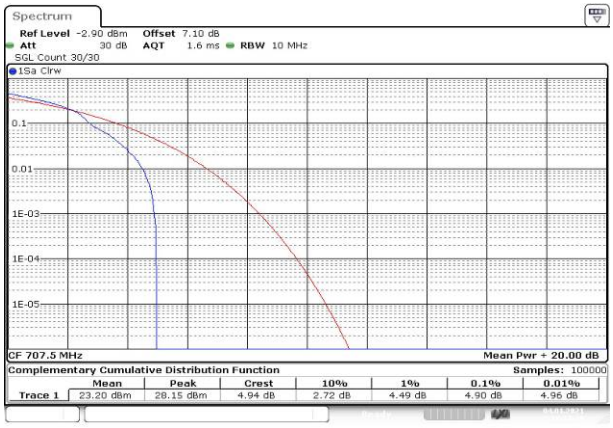

Fig.44

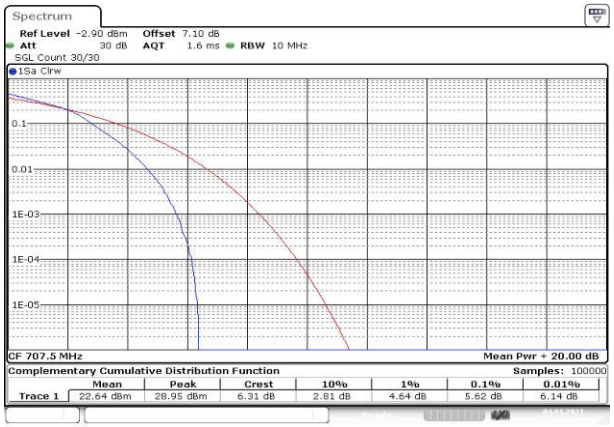

Fig.45

Fig.46

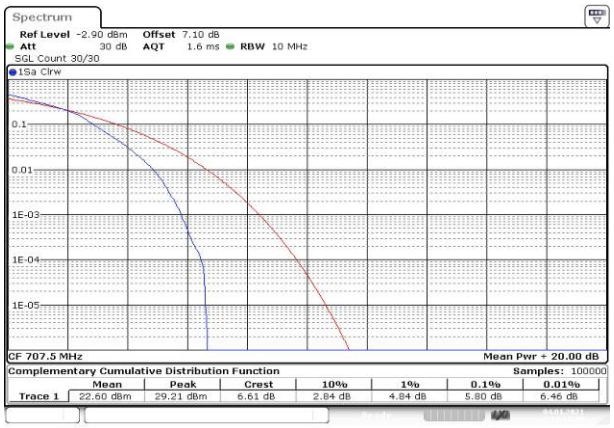

Fig.47

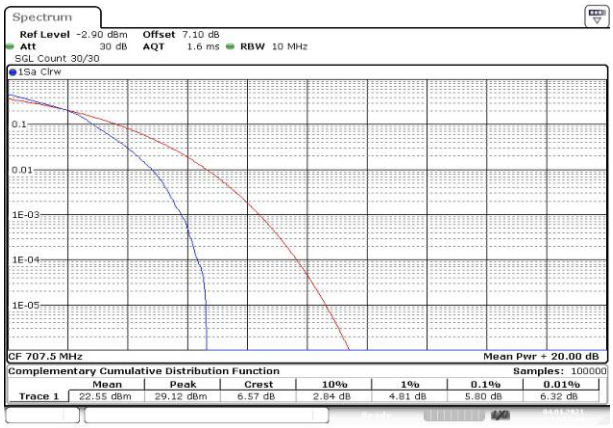

Fig.48

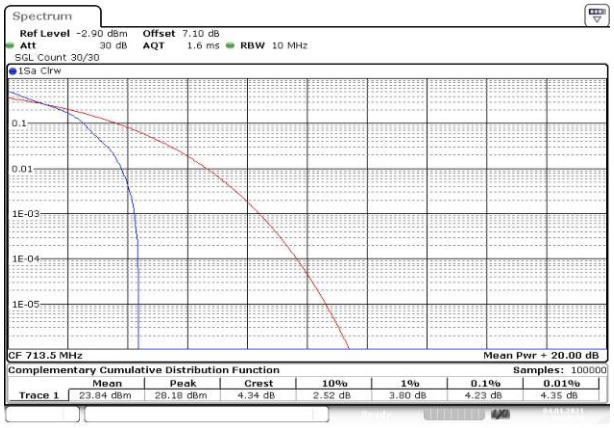

Fig.49

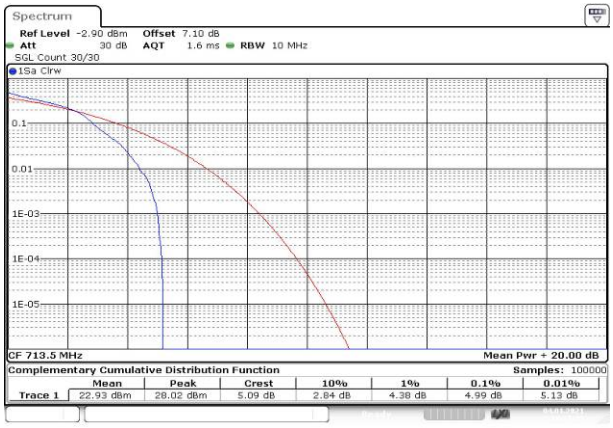

Fig.50

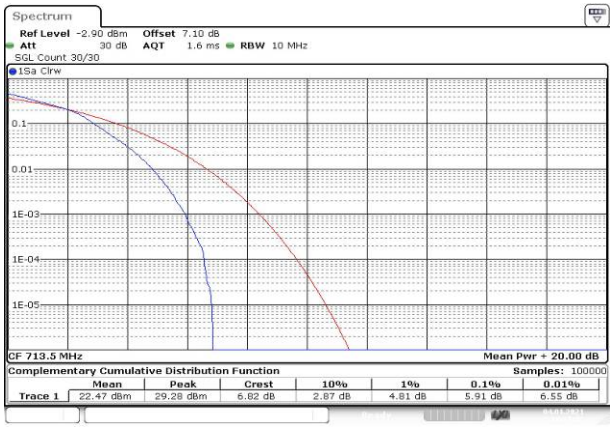

Fig.51

Fig.52

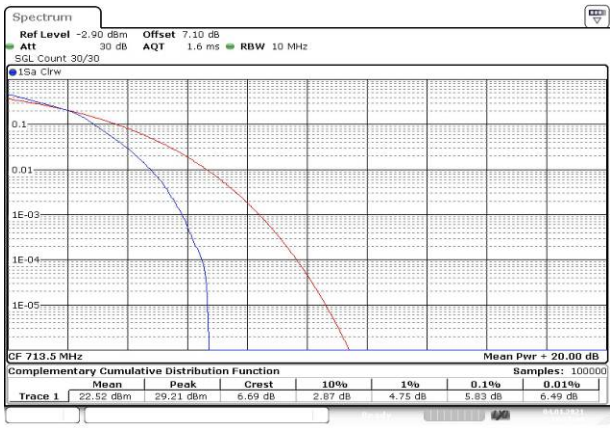

Fig.53

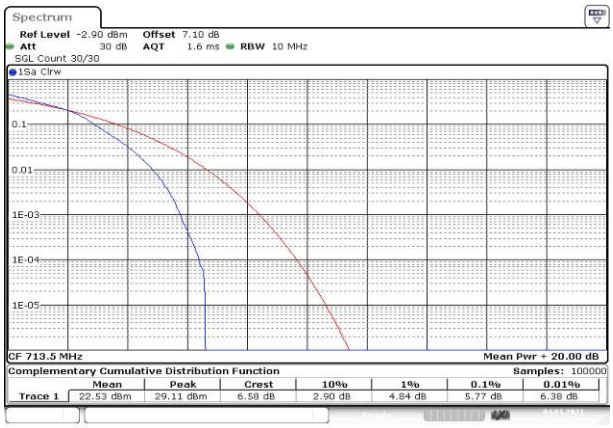

Fig.54

Fig.55

Fig.56

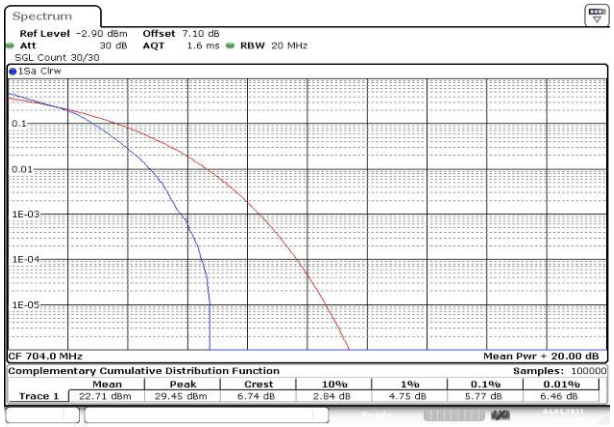

Fig.57

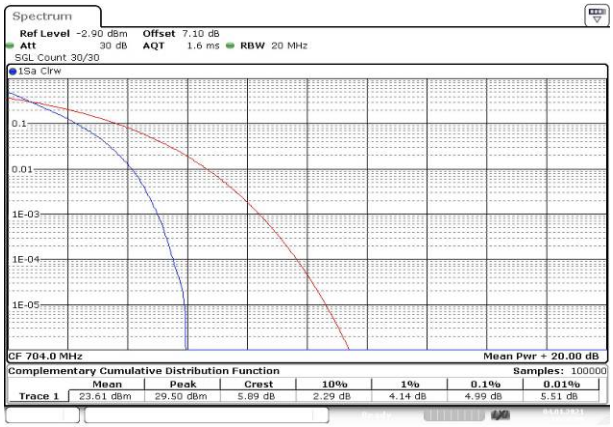

Fig.58

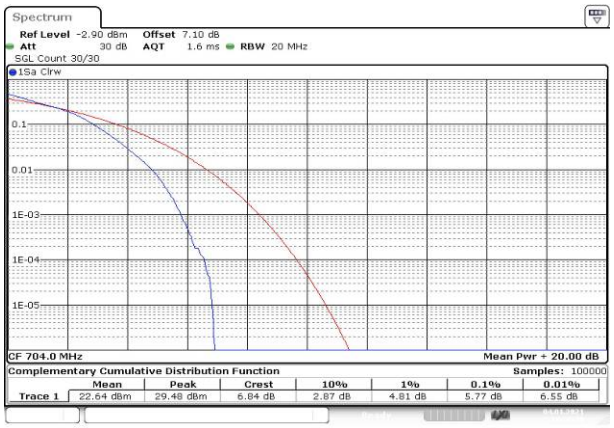

Fig.59

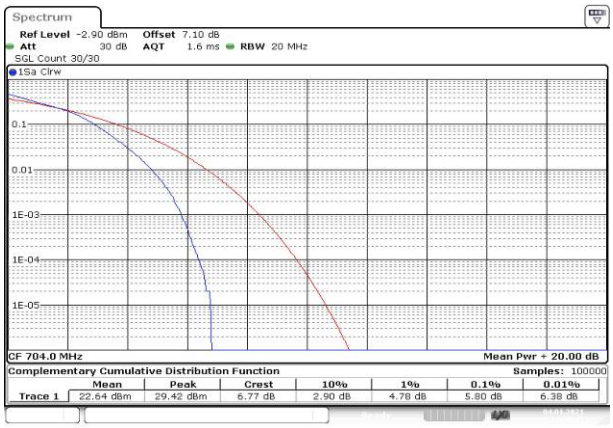

Fig.60

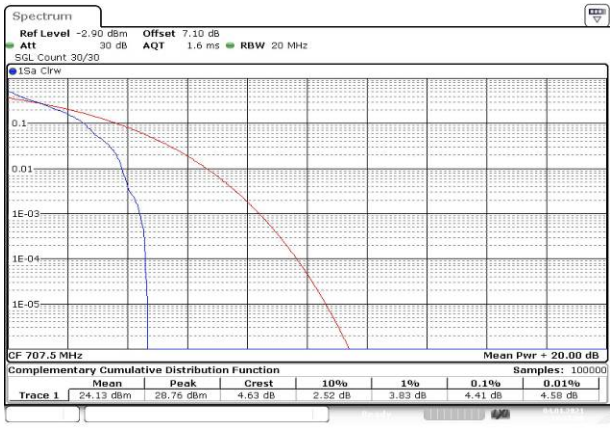

Fig.61

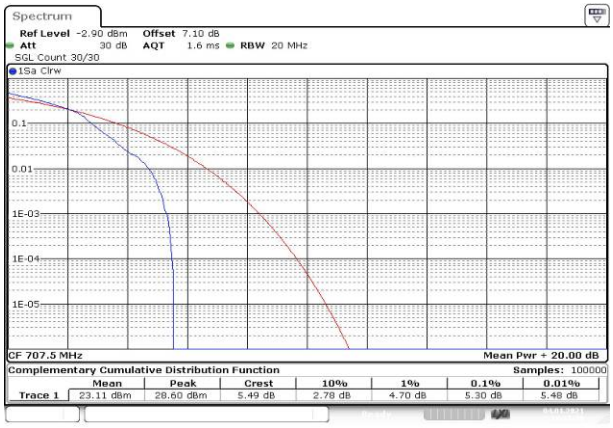

Fig.62

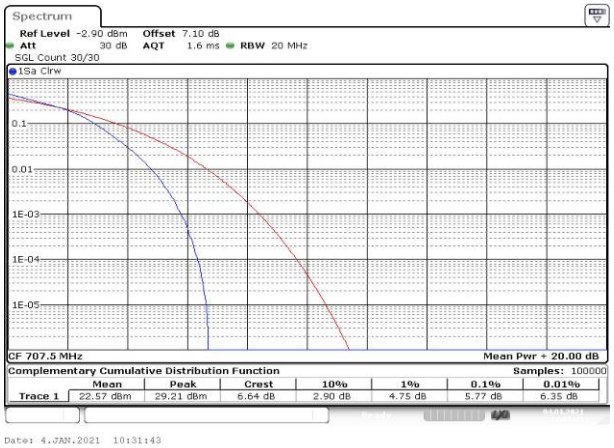

Fig.63

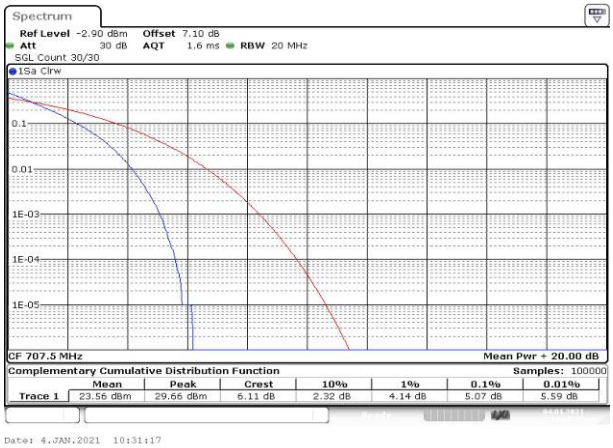

Fig.64

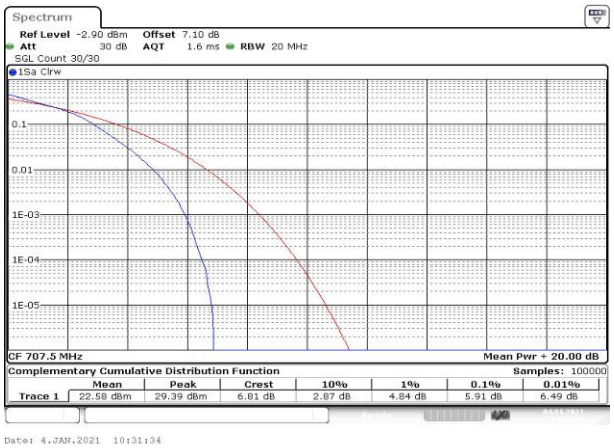

Fig.65

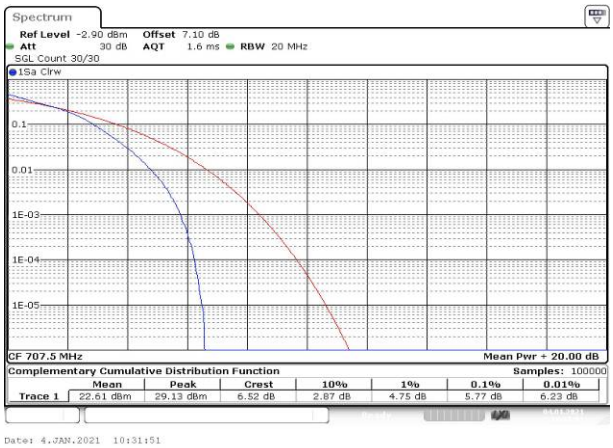

Fig.66

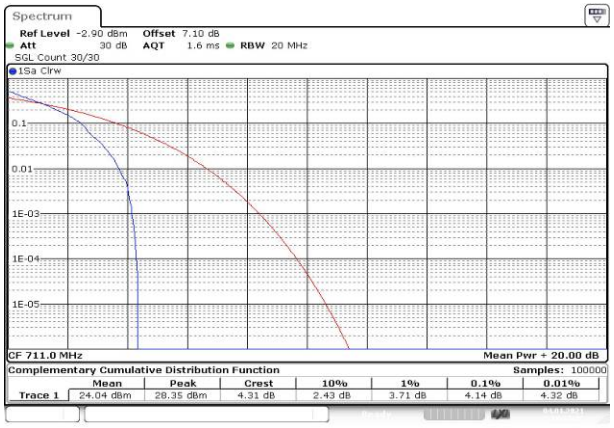

Fig.67

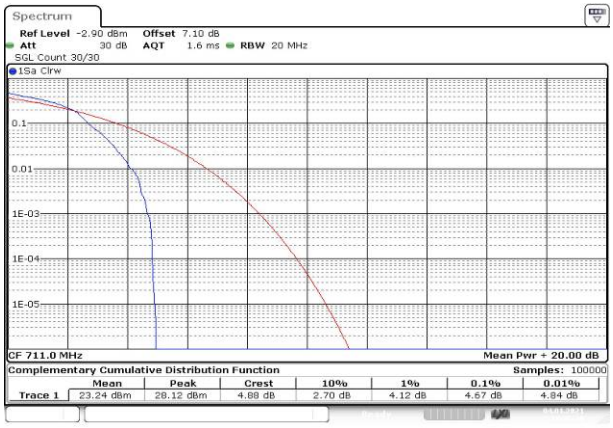

Fig.68

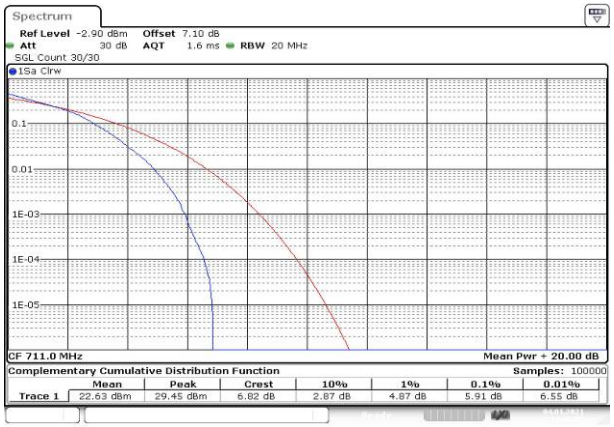

Fig.69

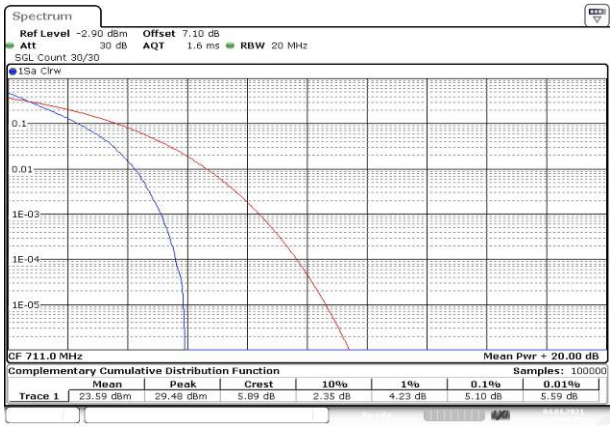

Fig.70

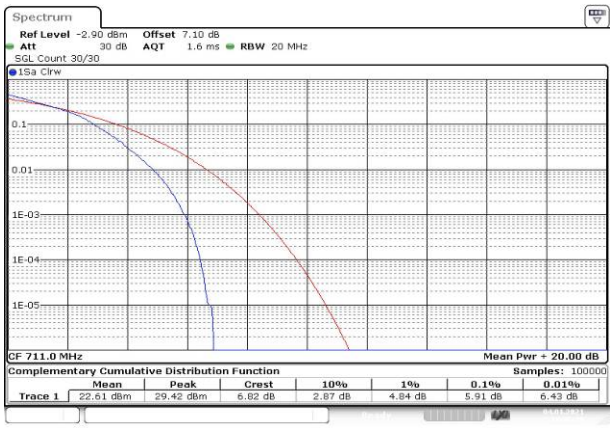

Fig.71

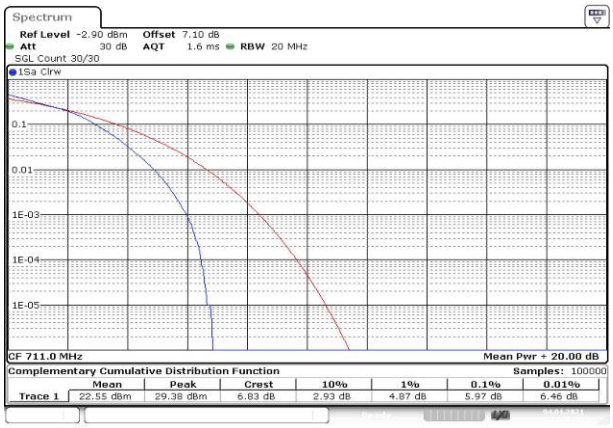

Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
12	704	23060	10	1	0	Fig.1
	707.5	23095		1	0	Fig.2
	711	23130		1	0	Fig.3

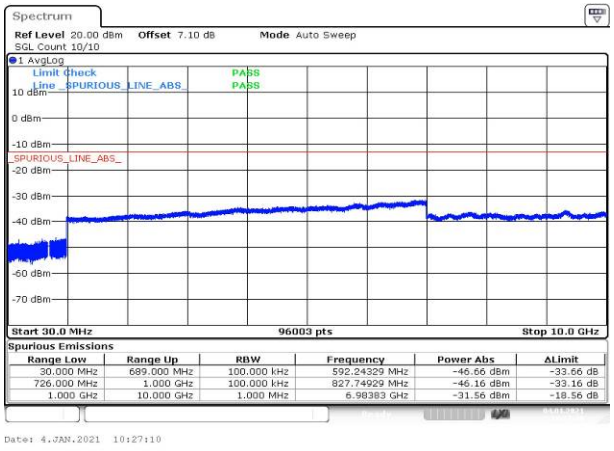

Fig.1

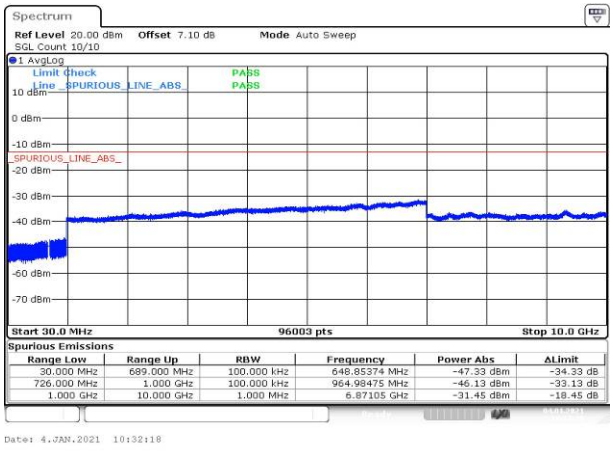

Fig.2

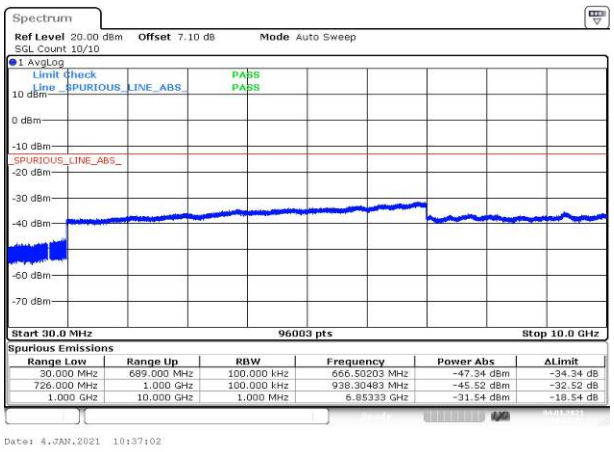

Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
12	699.7	23017	1.4	1	0	Fig.1
				6	0	Fig.2
	715.3	23173		1	5	Fig.3
				6	0	Fig.4
	700.5	23025	3	1	0	Fig.5
				15	0	Fig.6
	714.5	23165		1	14	Fig.7
				15	0	Fig.8
	701.5	23035	5	1	0	Fig.9
				25	0	Fig.10
	713.5	23155		1	24	Fig.11
				25	0	Fig.12
	704	23060	10	1	0	Fig.13
				50	0	Fig.14
	711	23130		1	49	Fig.15
				50	0	Fig.16

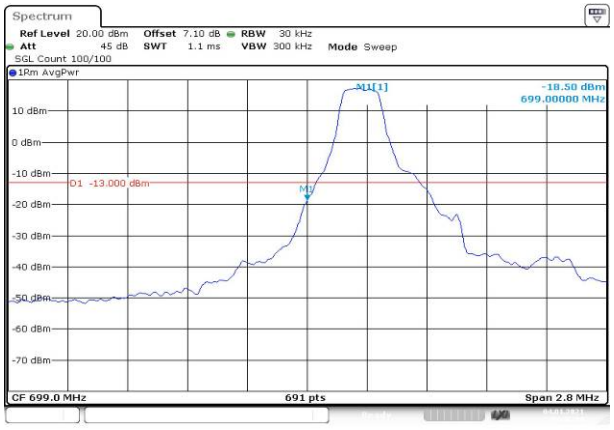

Fig.1

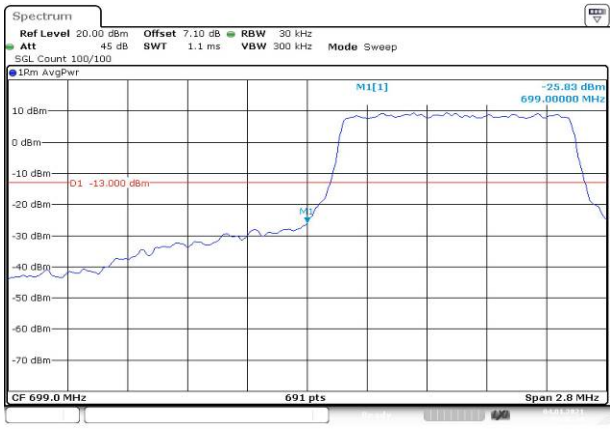

Fig.2

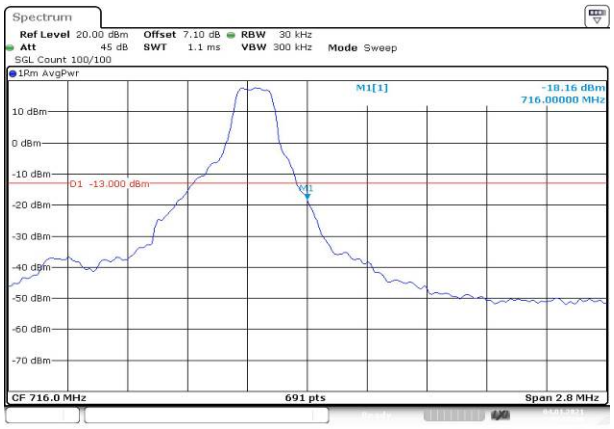

Fig.3

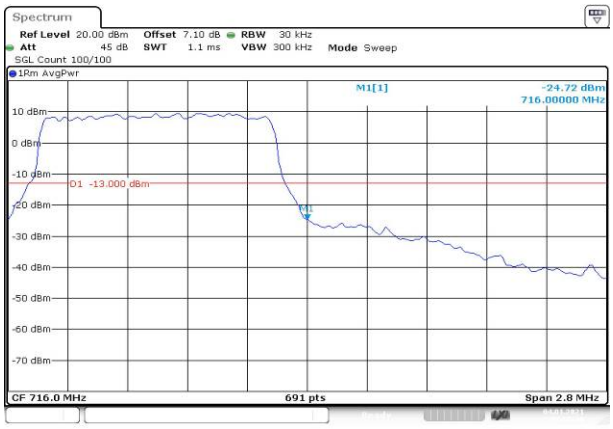

Fig.4

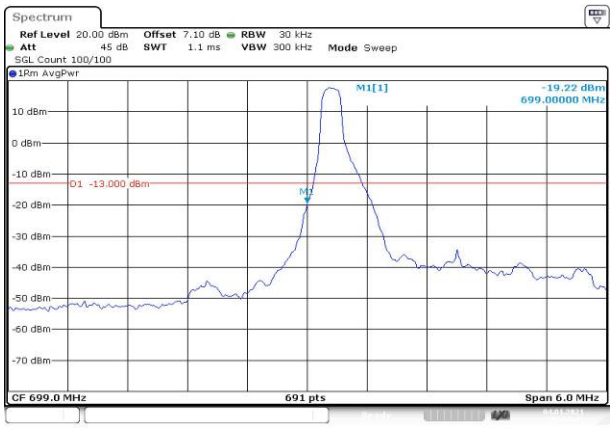

Fig.5

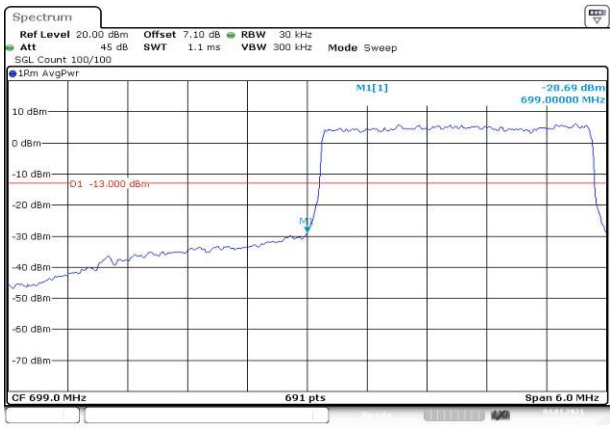

Fig.6

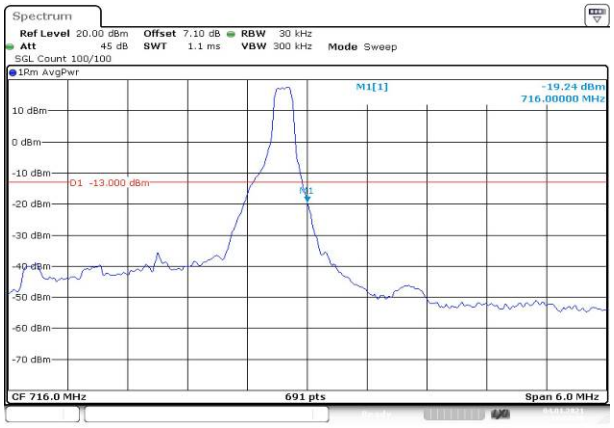

Fig.7

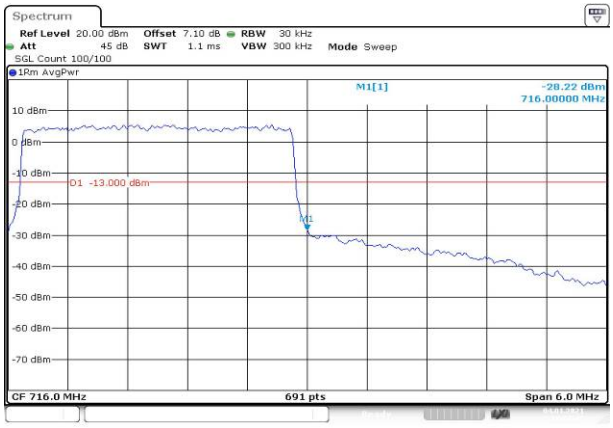

Fig.8

Fig.9

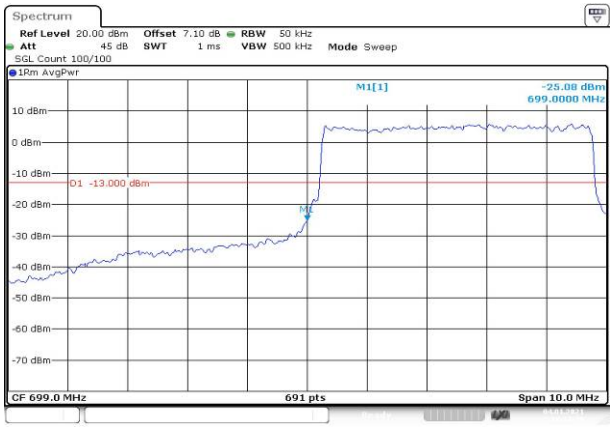

Fig.10

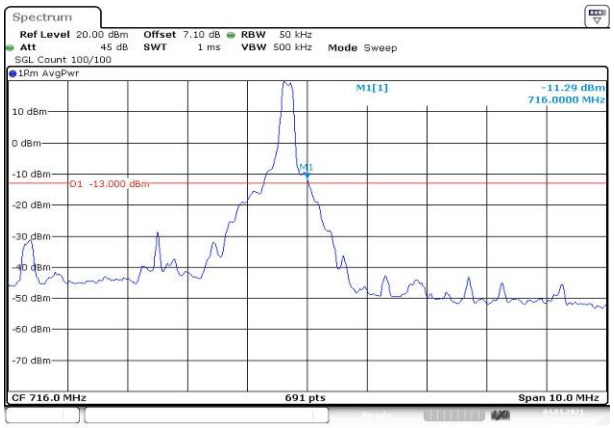

Fig.11

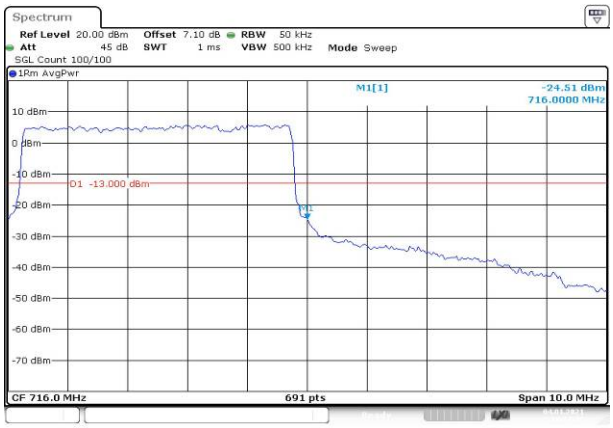

Fig.12

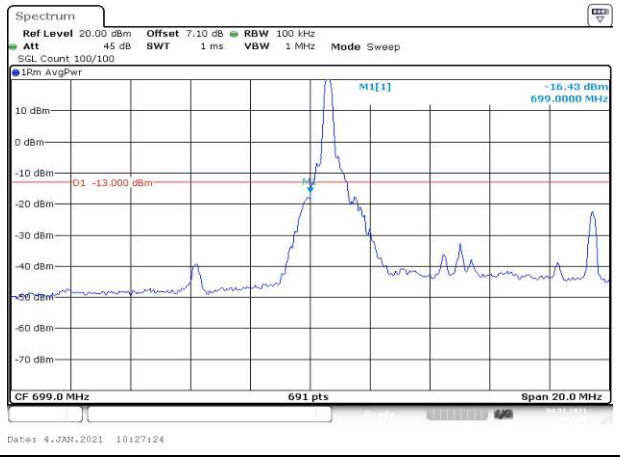

Fig.13

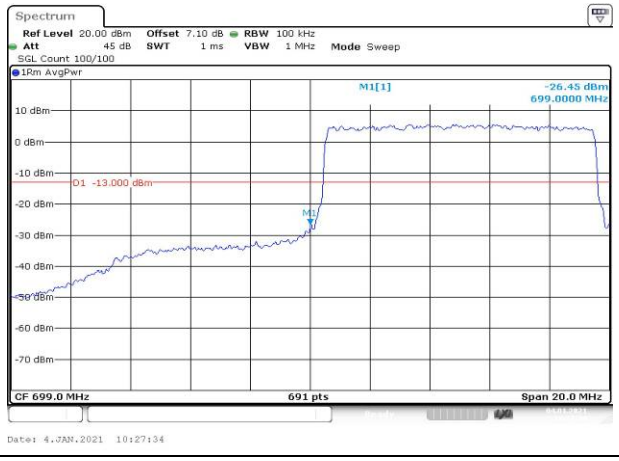

Fig.14

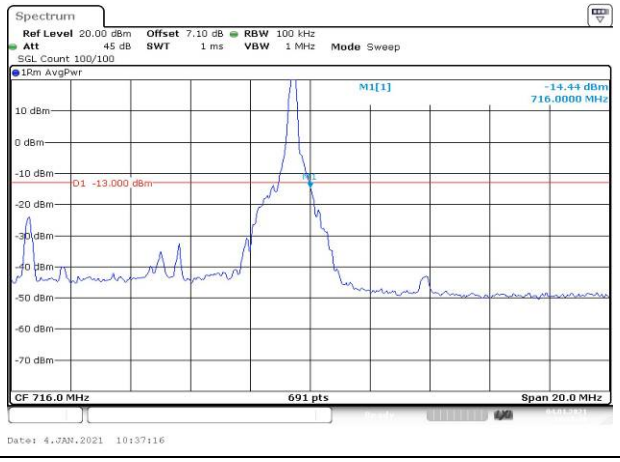

Fig.15

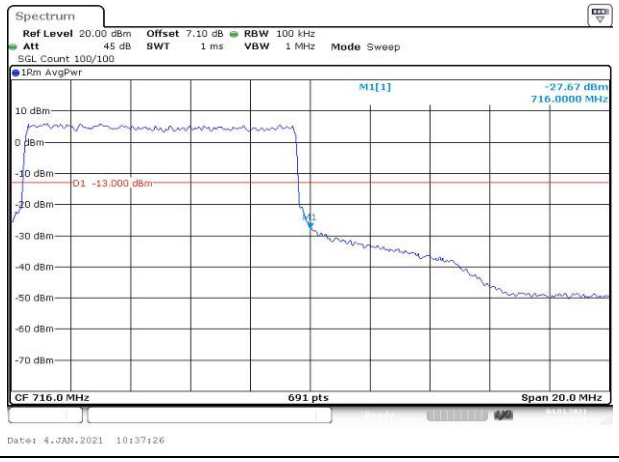

Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band12 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.005	-0.007	-0.006	-0.011	---	---
0	NV	-0.012	-0.008	-0.012	-0.005	---	---
+10	NV	-0.015	-0.015	-0.014	-0.010	---	---
+20	NV	0.000	0.000	0.000	0.000	---	---
+30	NV	-0.002	-0.003	-0.012	-0.001	---	---
+40	NV	-0.011	-0.002	-0.006	-0.003	---	---
+50	NV	-0.010	-0.013	-0.015	-0.008	---	---
+55	NV	-0.008	-0.010	-0.013	-0.009	---	---
+20	LV	-0.003	-0.012	-0.017	-0.007	---	---
+20	HV	-0.004	-0.009	-0.006	-0.005	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band12 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.015	-0.013	-0.008	-0.002	---	---
0	NV	-0.010	-0.003	-0.017	-0.016	---	---
+10	NV	-0.005	-0.005	-0.007	-0.007	---	---
+20	NV	0.000	0.000	0.000	0.000	---	---
+30	NV	-0.014	-0.012	-0.011	0.001	---	---
+40	NV	-0.007	-0.007	-0.013	-0.011	---	---
+50	NV	-0.011	-0.009	-0.004	-0.007	---	---
+55	NV	-0.009	-0.012	-0.009	-0.008	---	---
+20	LV	-0.010	-0.013	-0.003	0.001	---	---
+20	HV	-0.007	-0.008	-0.015	-0.004	---	---

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	699.7	23017	1.4	1	0	24.26	18.11	0.065
				1	3	24.27	18.12	0.065
				1	5	24.21	18.06	0.064
				3	0	24.26	18.11	0.065
				3	1	24.29	18.14	0.065
				3	3	24.40	18.25	0.067
				6	0	23.25	17.10	0.051
	707.5	23095		1	0	24.26	18.11	0.065
				1	3	24.27	18.12	0.065
				1	5	24.22	18.07	0.064
				3	0	24.20	18.05	0.064
				3	1	24.29	18.14	0.065
				3	3	24.26	18.11	0.065
				6	0	23.35	17.20	0.052
	715.3	23173		1	0	24.16	18.01	0.063
				1	3	24.14	17.99	0.063
				1	5	24.14	17.99	0.063
				3	0	24.24	18.09	0.064
				3	1	24.21	18.06	0.064
				3	3	24.26	18.11	0.065
				6	0	23.22	17.07	0.051
16QAM	699.7	23017		1	0	23.25	17.10	0.051
				1	3	23.25	17.10	0.051
				1	5	23.29	17.14	0.052
				3	0	23.52	17.37	0.055
				3	1	23.55	17.40	0.055
				3	3	23.52	17.37	0.055
				6	0	22.29	16.14	0.041
	707.5	23095		1	0	23.33	17.18	0.052
				1	3	23.30	17.15	0.052
				1	5	23.31	17.16	0.052
				3	0	23.20	17.05	0.051
				3	1	23.14	16.99	0.050
				3	3	23.15	17.00	0.050
				6	0	22.31	16.16	0.041
	715.3	23173		1	0	23.22	17.07	0.051
				1	3	23.16	17.01	0.050
				1	5	23.17	17.02	0.050
				3	0	23.28	17.13	0.052
				3	1	23.14	16.99	0.050
				3	3	23.13	16.98	0.050
				6	0	22.02	15.87	0.039

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	699.7	23017	1.4	1	0	22.23	16.08	0.041
				1	3	22.27	16.12	0.041
				1	5	22.23	16.08	0.041
				3	0	22.37	16.22	0.042
				3	1	22.30	16.15	0.041
				3	3	22.28	16.13	0.041
				6	0	22.33	16.18	0.041
	707.5	23095		1	0	22.32	16.17	0.041
				1	3	22.24	16.09	0.041
				1	5	22.28	16.13	0.041
				3	0	22.37	16.22	0.042
				3	1	22.34	16.19	0.042
				3	3	22.31	16.16	0.041
				6	0	22.30	16.15	0.041
	715.3	23173		1	0	22.03	15.88	0.039
				1	3	22.02	15.87	0.039
				1	5	22.07	15.92	0.039
				3	0	22.11	15.96	0.039
				3	1	22.09	15.94	0.039
				3	3	22.05	15.90	0.039
				6	0	22.09	15.94	0.039

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	700.5	23025	3	1	0	24.38	18.23	0.067
				1	8	24.35	18.20	0.066
				1	14	24.31	18.16	0.065
				8	0	23.32	17.17	0.052
				8	4	23.35	17.20	0.052
				8	7	23.33	17.18	0.052
				15	0	23.35	17.20	0.052
	707.5	23095		1	0	24.35	18.20	0.066
				1	8	24.34	18.19	0.066
				1	14	24.33	18.18	0.066
				8	0	23.38	17.23	0.053
				8	4	23.29	17.14	0.052
				8	7	23.25	17.10	0.051
				15	0	23.29	17.14	0.052
	714.5	23165		1	0	24.23	18.08	0.064
				1	8	24.26	18.11	0.065
				1	14	24.28	18.13	0.065
				8	0	23.27	17.12	0.052
				8	4	23.23	17.08	0.051
				8	7	23.22	17.07	0.051
				15	0	23.25	17.10	0.051
16QAM	700.5	23025		1	0	23.87	17.72	0.059
				1	8	23.87	17.72	0.059
				1	14	23.82	17.67	0.058
				8	0	22.47	16.32	0.043
				8	4	22.56	16.41	0.044
				8	7	22.56	16.41	0.044
				15	0	22.36	16.21	0.042
	707.5	23095		1	0	23.45	17.30	0.054
				1	8	23.40	17.25	0.053
				1	14	23.39	17.24	0.053
				8	0	22.29	16.14	0.041
				8	4	22.22	16.07	0.040
				8	7	22.29	16.14	0.041
				15	0	22.16	16.01	0.040
	714.5	23165		1	0	23.33	17.18	0.052
				1	8	23.21	17.06	0.051
				1	14	23.21	17.06	0.051
				8	0	22.18	16.03	0.040
				8	4	22.16	16.01	0.040
				8	7	22.17	16.02	0.040
				15	0	22.26	16.11	0.041

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	700.5	23025	3	1	0	22.38	16.23	0.042
				1	8	22.37	16.22	0.042
				1	14	22.38	16.23	0.042
				8	0	22.42	16.27	0.042
				8	4	22.44	16.29	0.043
				8	7	22.37	16.22	0.042
				15	0	22.42	16.27	0.042
	707.5	23095		1	0	22.18	16.03	0.040
				1	8	22.24	16.09	0.041
				1	14	22.18	16.03	0.040
				8	0	22.25	16.10	0.041
				8	4	22.21	16.06	0.040
				8	7	22.21	16.06	0.040
				15	0	22.21	16.06	0.040
	714.5	23165		1	0	22.22	16.07	0.040
				1	8	22.29	16.14	0.041
				1	14	22.24	16.09	0.041
				8	0	22.25	16.10	0.041
				8	4	22.29	16.14	0.041
				8	7	22.28	16.13	0.041
				15	0	22.27	16.12	0.041

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	701.5	23035	5	1	0	24.32	18.17	0.066
				1	12	24.37	18.22	0.066
				1	24	24.28	18.13	0.065
				12	0	23.31	17.16	0.052
				12	7	23.36	17.21	0.053
				12	13	23.44	17.29	0.054
				25	0	23.40	17.25	0.053
	707.5	23095		1	0	24.23	18.08	0.064
				1	12	24.26	18.11	0.065
				1	24	24.19	18.04	0.064
				12	0	23.33	17.18	0.052
				12	7	23.22	17.07	0.051
				12	13	23.26	17.11	0.051
				25	0	23.32	17.17	0.052
	713.5	23155		1	0	24.21	18.06	0.064
				1	12	24.11	17.96	0.063
				1	24	24.10	17.95	0.062
				12	0	23.23	17.08	0.051
				12	7	23.19	17.04	0.051
				12	13	23.19	17.04	0.051
				25	0	23.29	17.14	0.052
16QAM	701.5	23035		1	0	23.26	17.11	0.051
				1	12	23.27	17.12	0.052
				1	24	23.23	17.08	0.051
				12	0	22.21	16.06	0.040
				12	7	22.38	16.23	0.042
				12	13	22.36	16.21	0.042
				25	0	22.34	16.19	0.042
	707.5	23095		1	0	23.58	17.43	0.055
				1	12	23.42	17.27	0.053
				1	24	23.46	17.31	0.054
				12	0	22.38	16.23	0.042
				12	7	22.21	16.06	0.040
				12	13	22.29	16.14	0.041
				25	0	22.32	16.17	0.041
	713.5	23155		1	0	23.30	17.15	0.052
				1	12	23.18	17.03	0.050
				1	24	23.19	17.04	0.051
				12	0	22.17	16.02	0.040
				12	7	22.15	16.00	0.040
				12	13	22.15	16.00	0.040
				25	0	22.30	16.15	0.041

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	701.5	23035	5	1	0	22.41	16.26	0.042
				1	12	22.37	16.22	0.042
				1	24	22.37	16.22	0.042
				12	0	22.40	16.25	0.042
				12	7	22.36	16.21	0.042
				12	13	22.41	16.26	0.042
				25	0	22.35	16.20	0.042
	707.5	23095		1	0	22.34	16.19	0.042
				1	12	22.32	16.17	0.041
				1	24	22.29	16.14	0.041
				12	0	22.34	16.19	0.042
				12	7	22.31	16.16	0.041
				12	13	22.32	16.17	0.041
				25	0	22.32	16.17	0.041
	713.5	23155		1	0	22.33	16.18	0.041
				1	12	22.26	16.11	0.041
				1	24	22.24	16.09	0.041
				12	0	22.22	16.07	0.040
				12	7	22.30	16.15	0.041
				12	13	22.22	16.07	0.040
				25	0	22.26	16.11	0.041

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	704	23060	10	1	0	24.34	18.19	0.066
				1	25	24.23	18.08	0.064
				1	49	24.24	18.09	0.064
				25	0	23.21	17.06	0.051
				25	12	23.22	17.07	0.051
				25	25	23.20	17.05	0.051
				50	0	23.27	17.12	0.052
	707.5	23095		1	0	24.34	18.19	0.066
				1	25	24.25	18.10	0.065
				1	49	24.23	18.08	0.064
				25	0	23.35	17.20	0.052
				25	12	23.27	17.12	0.052
				25	25	23.26	17.11	0.051
				50	0	23.37	17.22	0.053
	711	23130		1	0	24.26	18.11	0.065
				1	25	24.17	18.02	0.063
				1	49	24.21	18.06	0.064
				25	0	23.40	17.25	0.053
				25	12	23.29	17.14	0.052
				25	25	23.22	17.07	0.051
				50	0	23.29	17.14	0.052
16QAM	704	23060		1	0	23.79	17.64	0.058
				1	25	23.81	17.66	0.058
				1	49	23.72	17.57	0.057
				25	0	22.34	16.19	0.042
				25	12	22.29	16.14	0.041
				25	25	22.30	16.15	0.041
				50	0	22.28	16.13	0.041
	707.5	23095		1	0	23.43	17.28	0.053
				1	25	23.37	17.22	0.053
				1	49	23.35	17.20	0.052
				25	0	22.37	16.22	0.042
				25	12	22.26	16.11	0.041
				25	25	22.29	16.14	0.041
				50	0	22.36	16.21	0.042
	711	23130		1	0	23.33	17.18	0.052
				1	25	23.17	17.02	0.050
				1	49	23.21	17.06	0.051
				25	0	22.48	16.33	0.043
				25	12	22.31	16.16	0.041
				25	25	22.39	16.24	0.042
				50	0	22.36	16.21	0.042

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	704	23060	10	1	0	22.21	16.06	0.040
				1	25	22.20	16.05	0.040
				1	49	22.27	16.12	0.041
				25	0	22.21	16.06	0.040
				25	12	22.22	16.07	0.040
				25	25	22.20	16.05	0.040
				50	0	22.28	16.13	0.041
	707.5	23095		1	0	22.32	16.17	0.041
				1	25	22.30	16.15	0.041
				1	49	22.29	16.14	0.041
				25	0	22.30	16.15	0.041
				25	12	22.30	16.15	0.041
				25	25	22.30	16.15	0.041
				50	0	22.31	16.16	0.041
	711	23130		1	0	22.33	16.18	0.041
				1	25	22.40	16.25	0.042
				1	49	22.35	16.20	0.042
				25	0	22.36	16.21	0.042
				25	12	22.37	16.22	0.042
				25	25	22.35	16.20	0.042
				50	0	22.38	16.23	0.042