

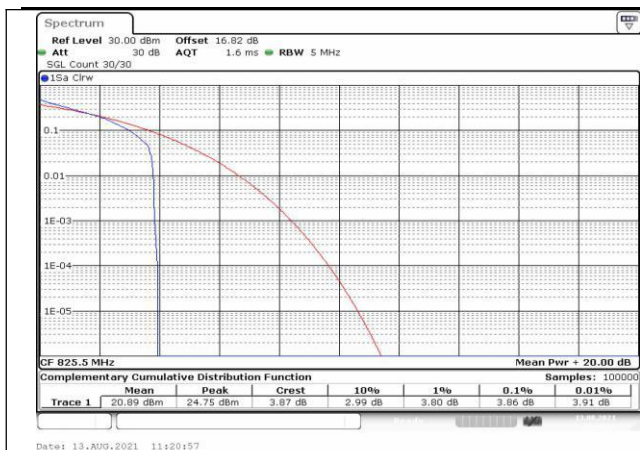


Fig.19

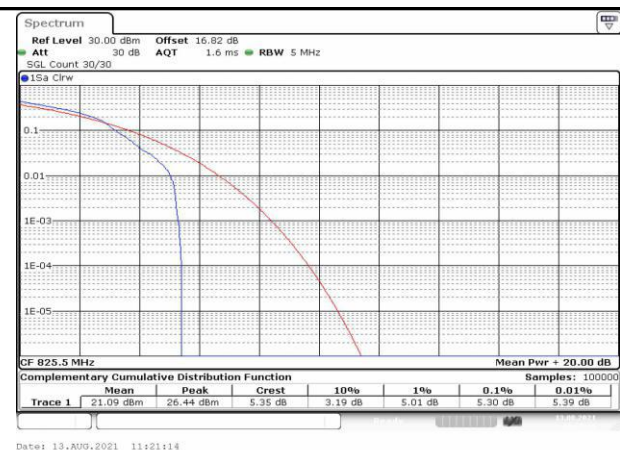


Fig.20

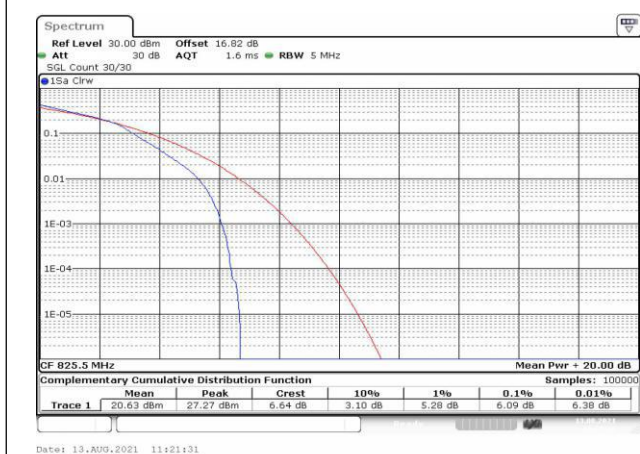


Fig.21

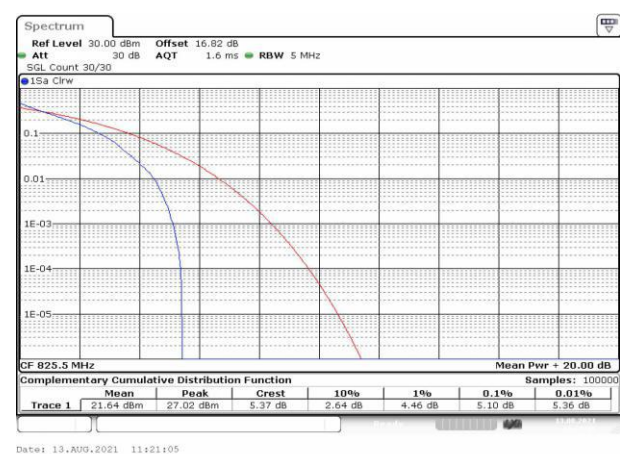


Fig.22

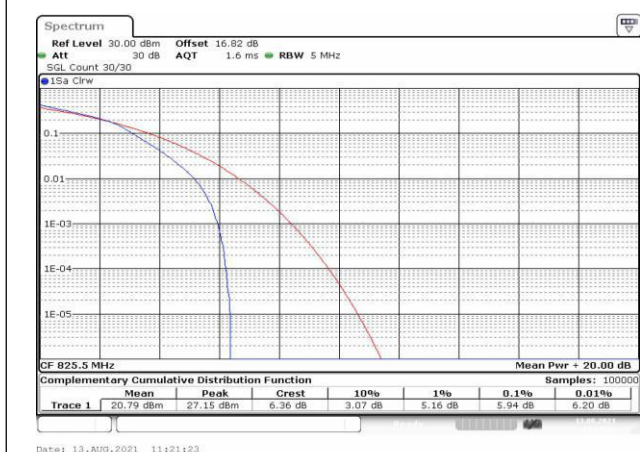


Fig.23

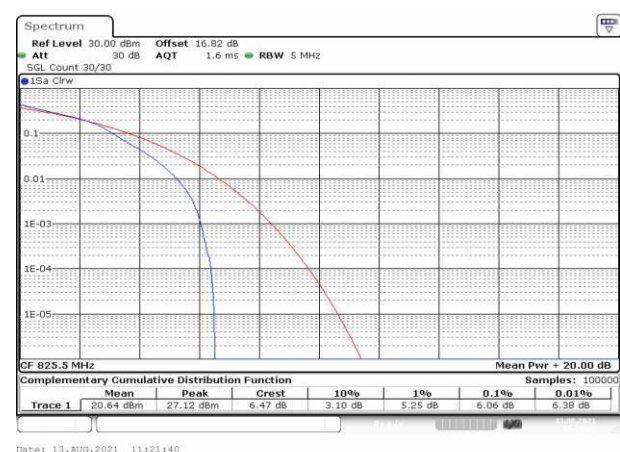


Fig.24

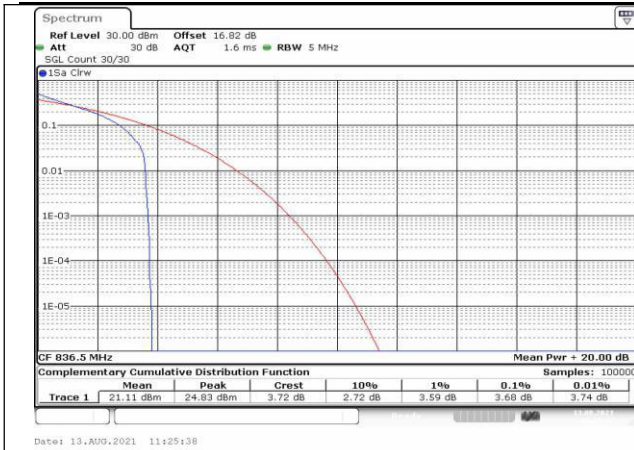


Fig.25

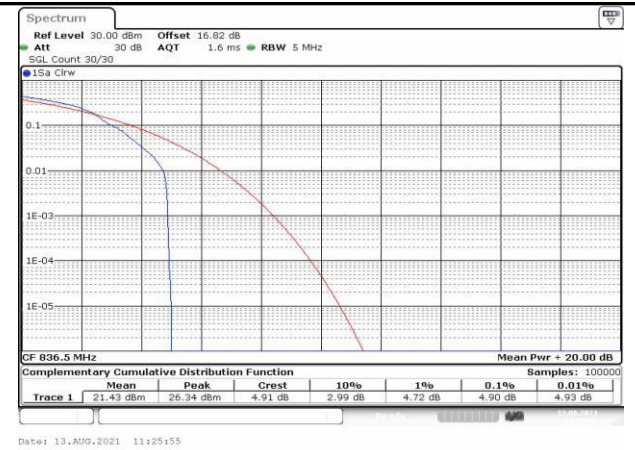


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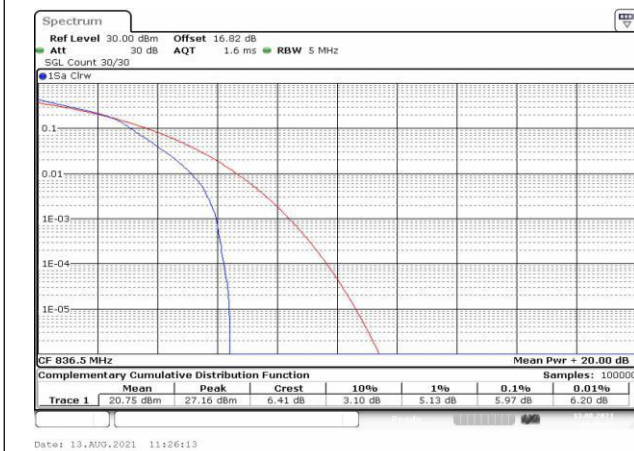


Fig.27

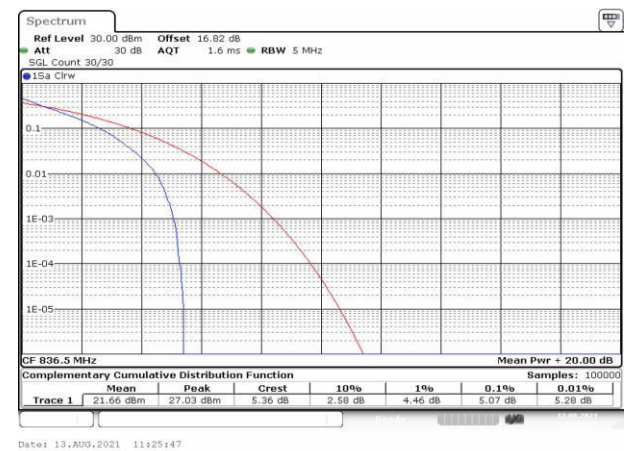


Fig.28

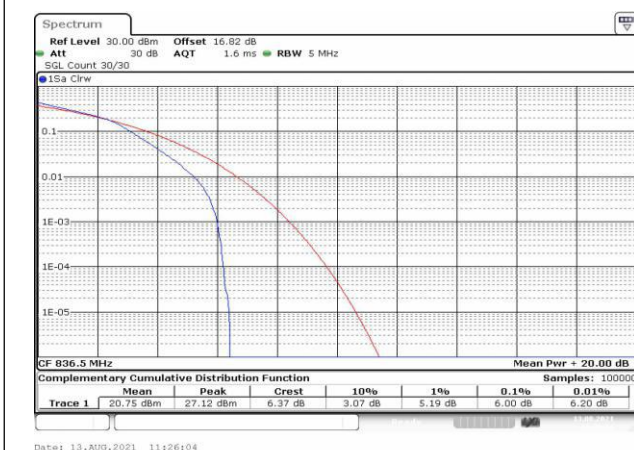


Fig.29

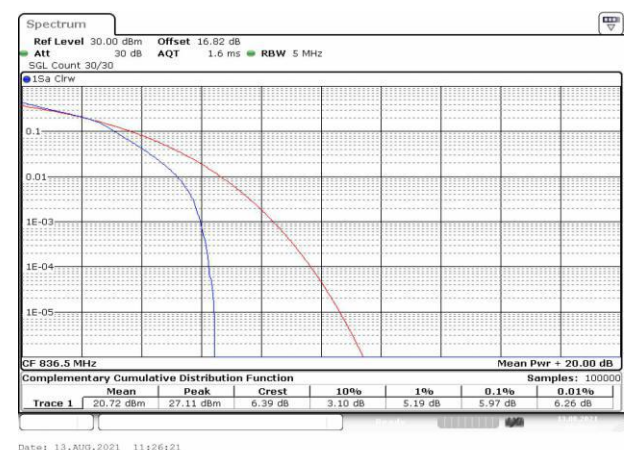


Fig.30

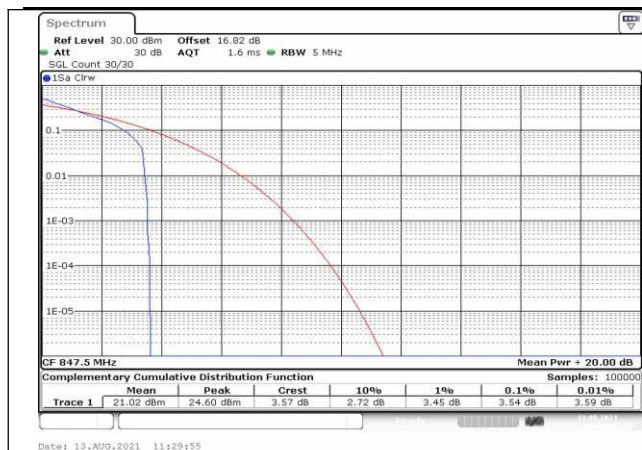


Fig.31

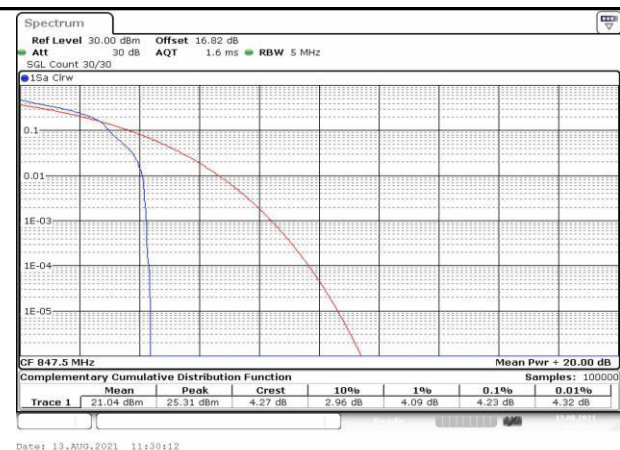


Fig.32

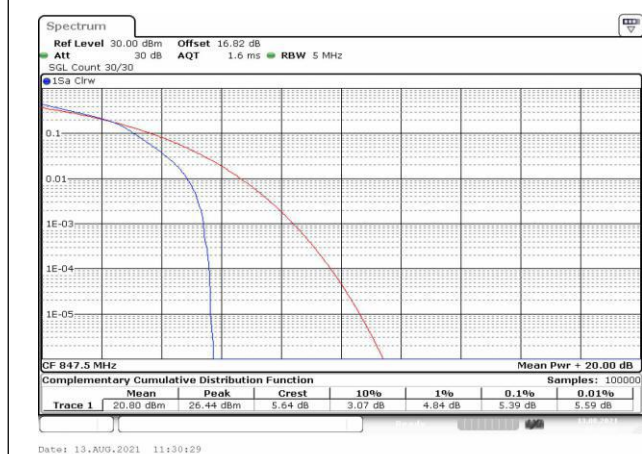


Fig.33

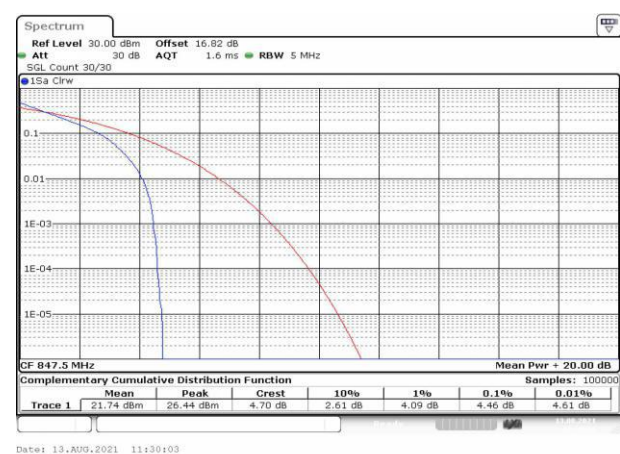


Fig.34

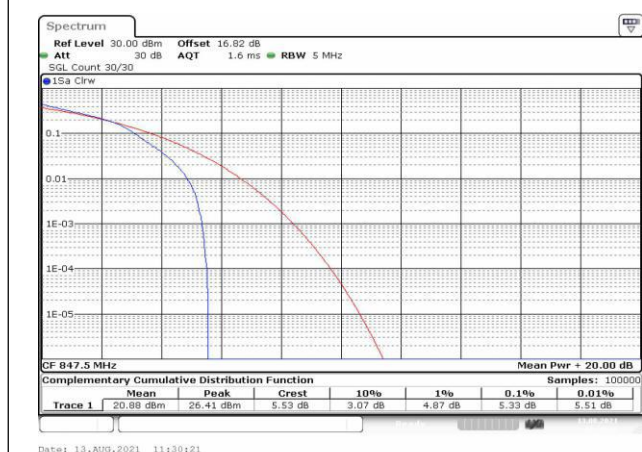


Fig.35

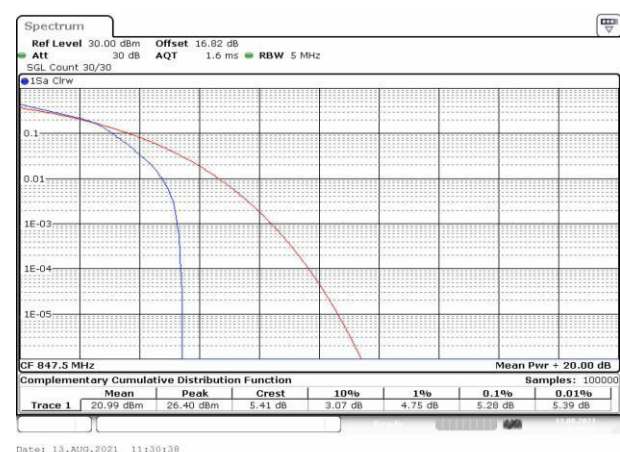


Fig.36



Fig.37



Fig.38

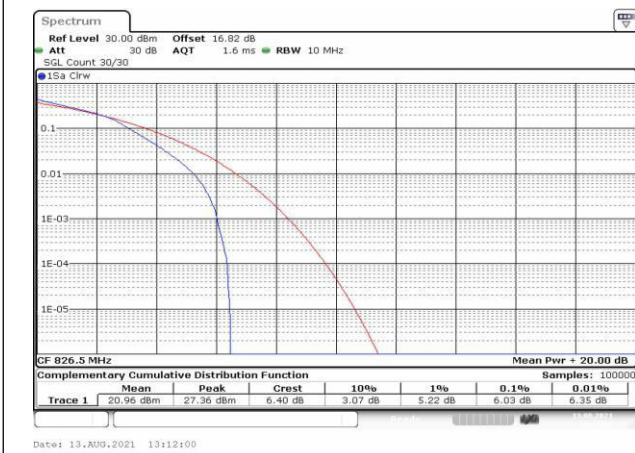


Fig.39

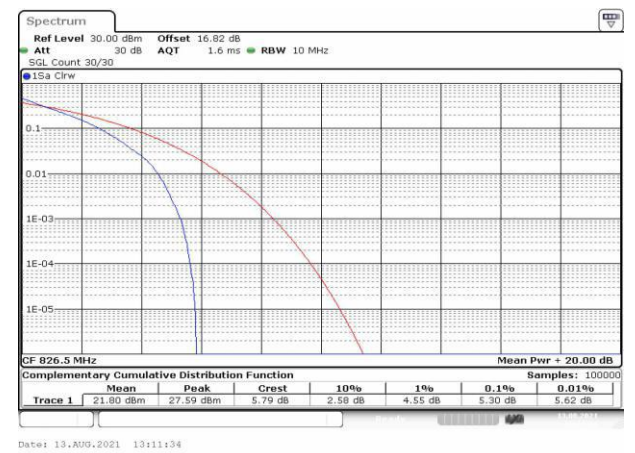


Fig.40

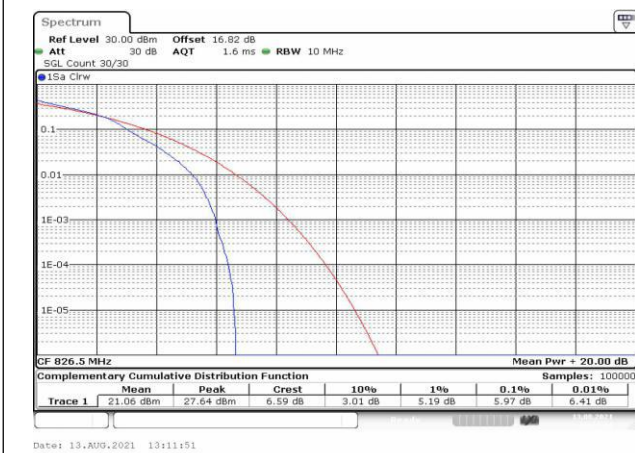


Fig.41

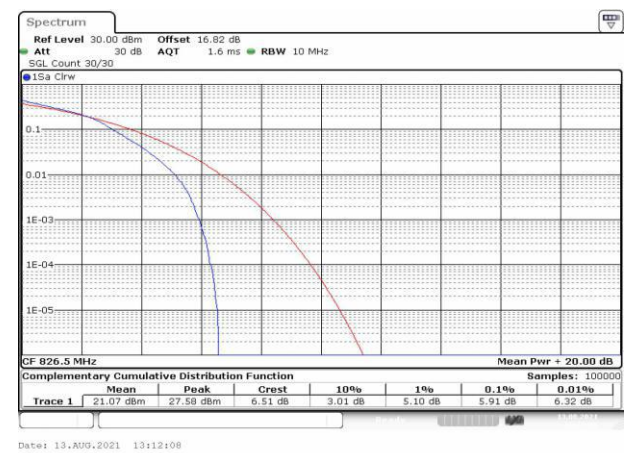


Fig.42

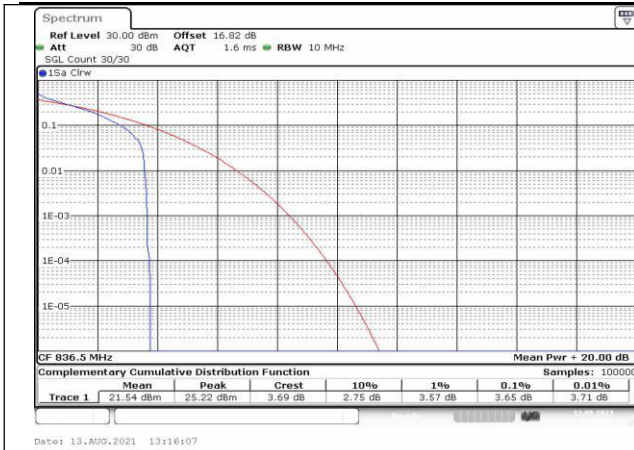


Fig.43

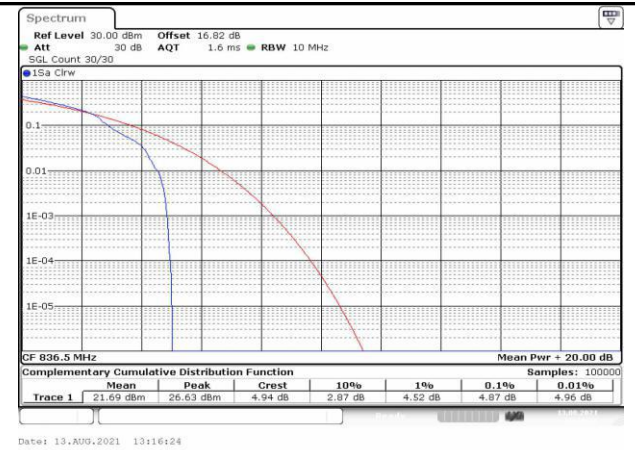


Fig.44

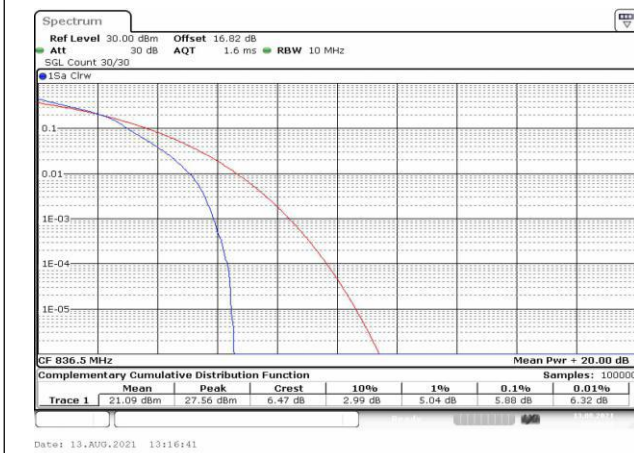


Fig.45

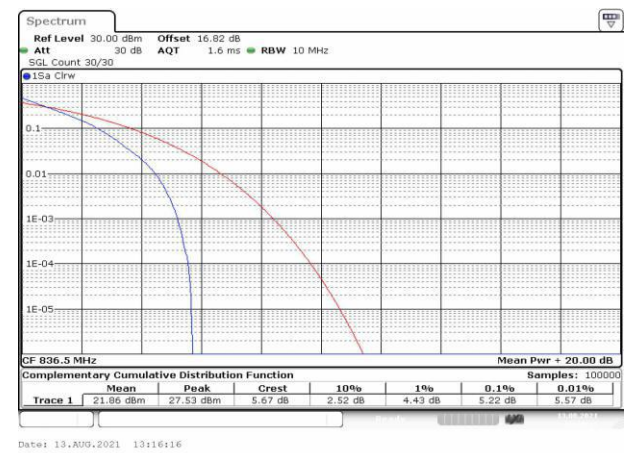


Fig.46

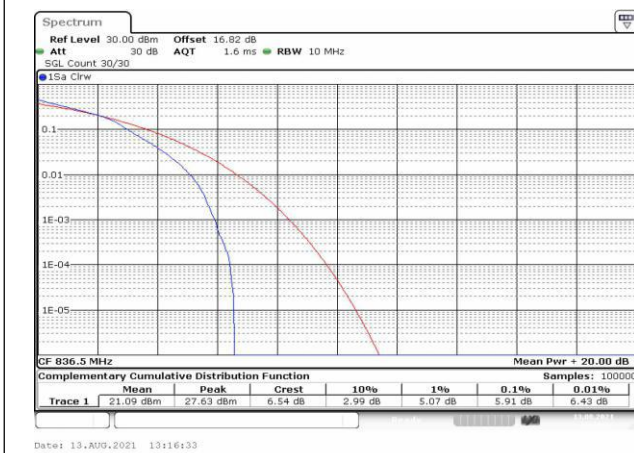


Fig.47

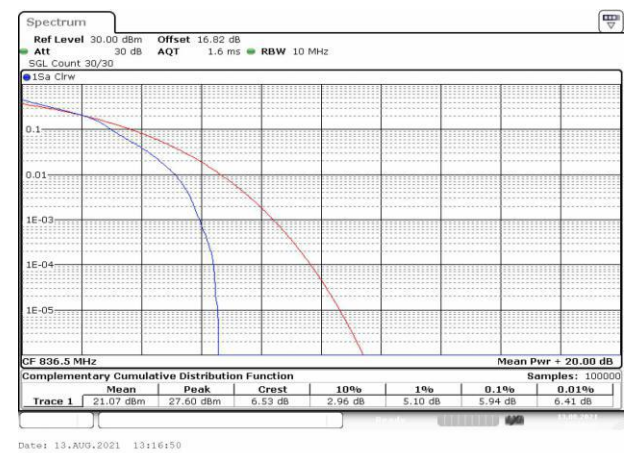


Fig.48

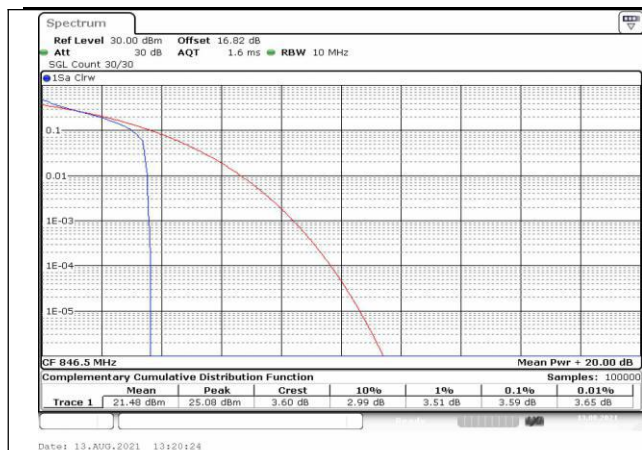


Fig.49

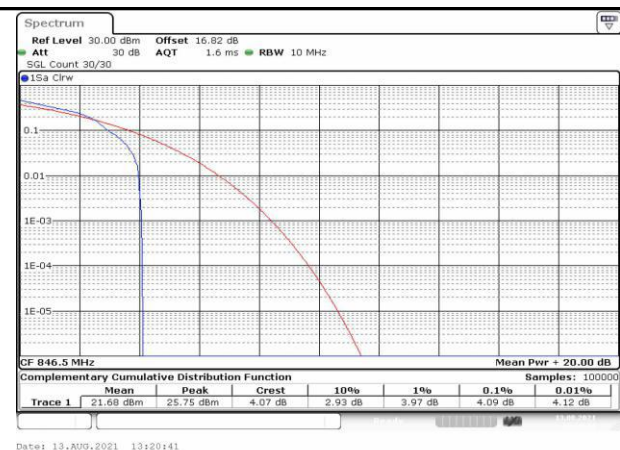


Fig.50

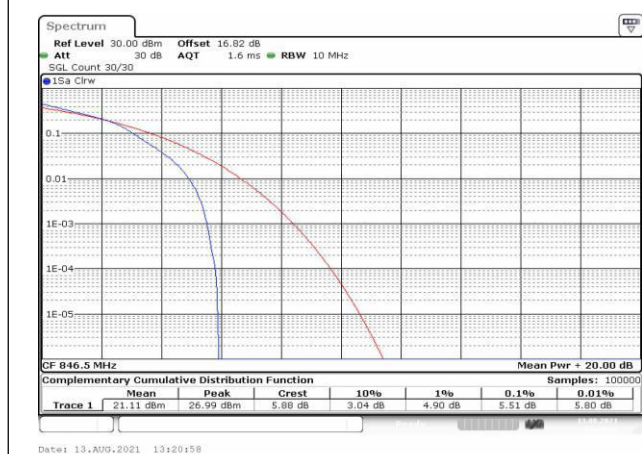


Fig.51

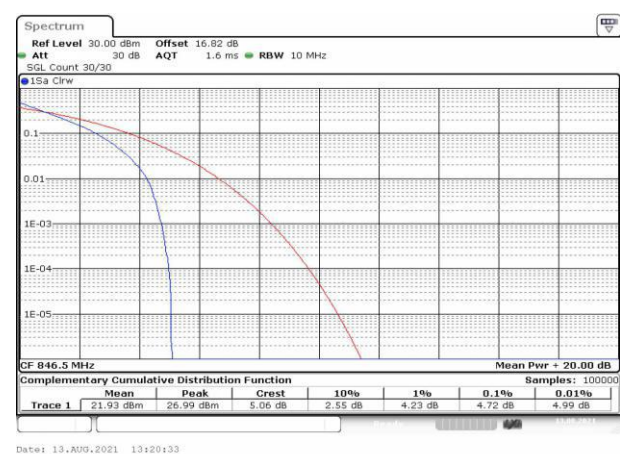


Fig.52

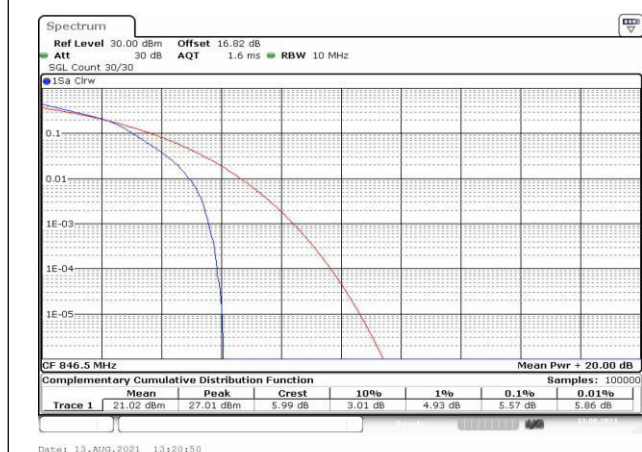


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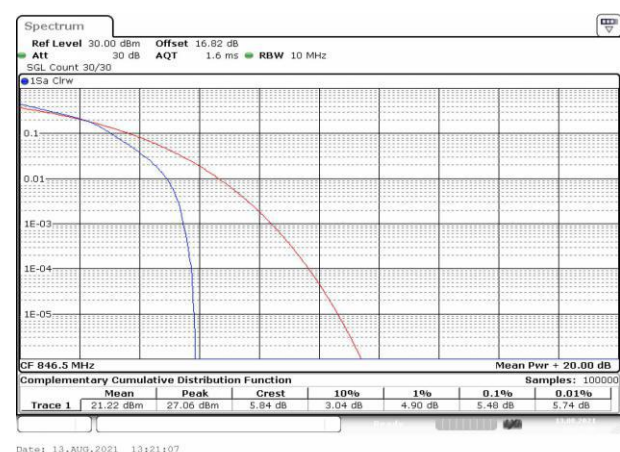


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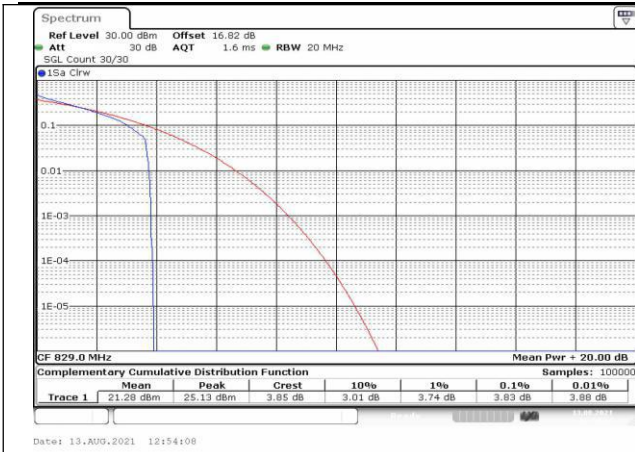


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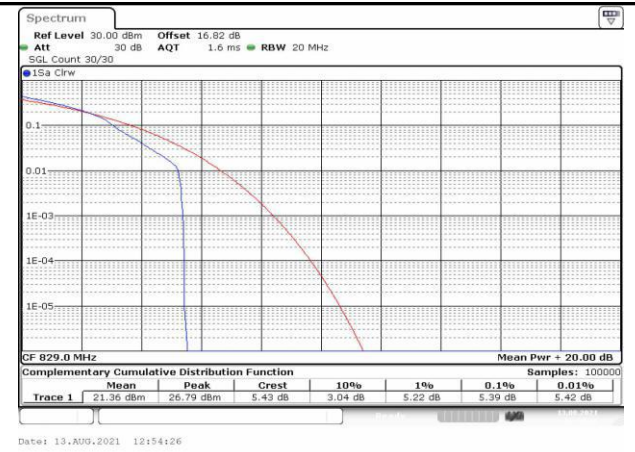


Fig.56

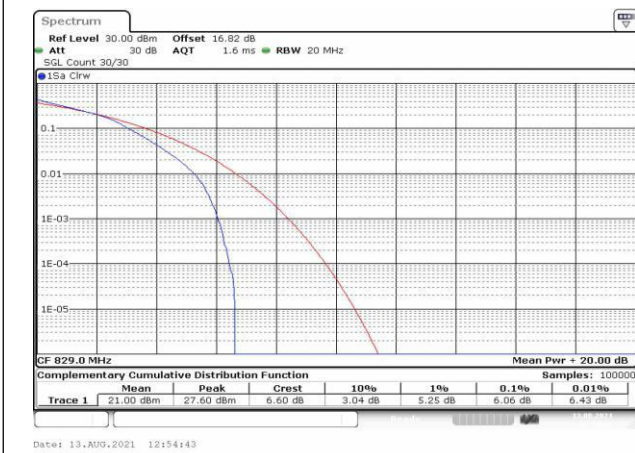


Fig.57

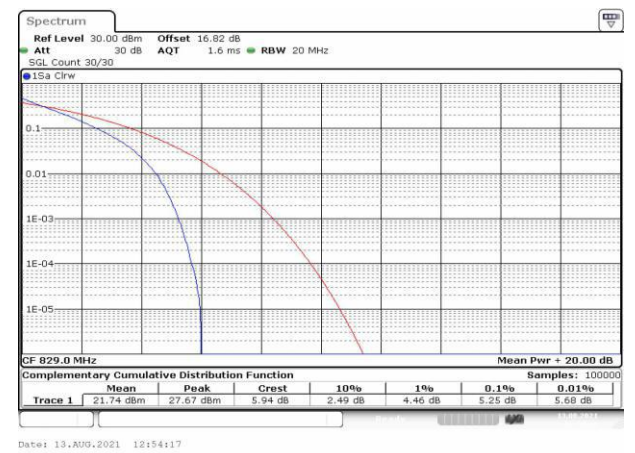


Fig.58

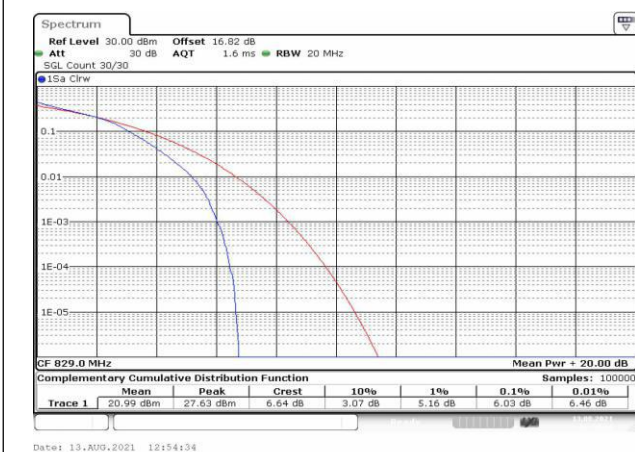


Fig.59

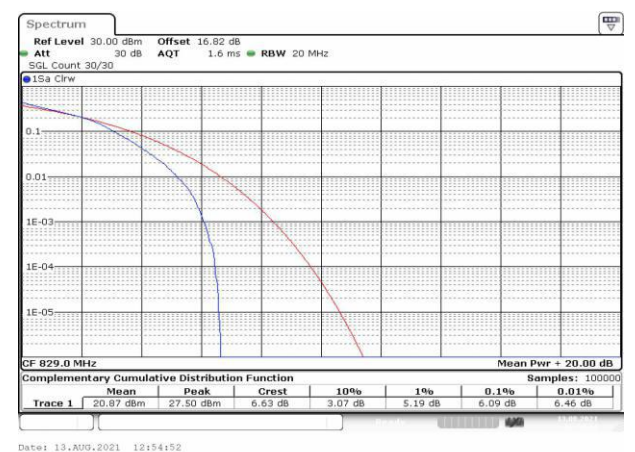


Fig.60

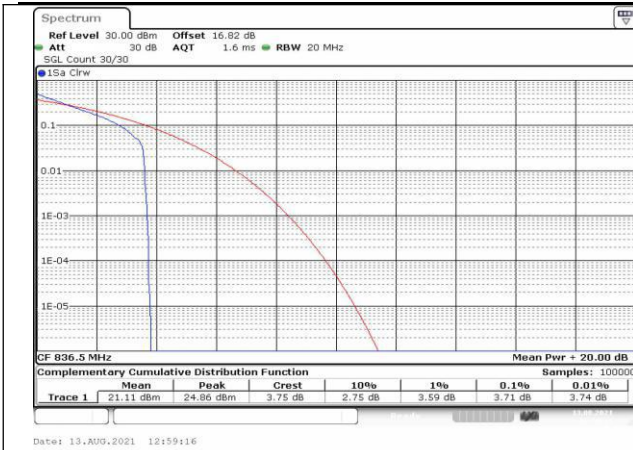


Fig.61



Fig.62

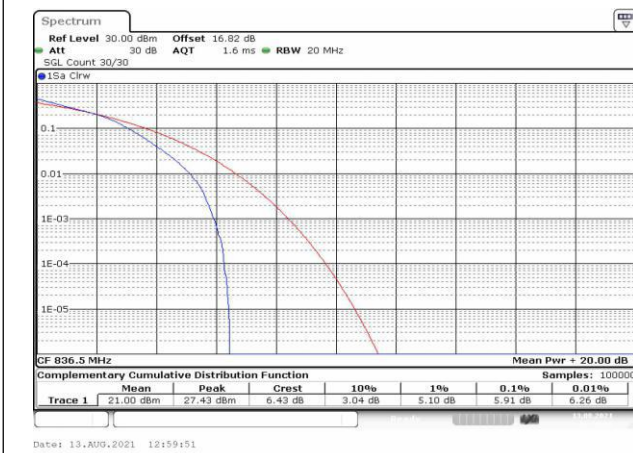


Fig.63

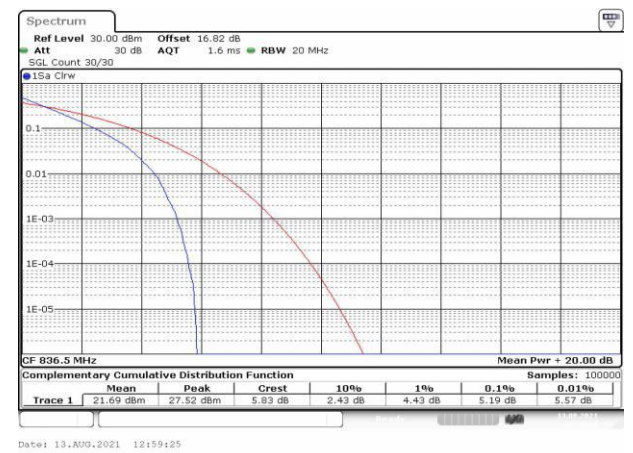


Fig.64

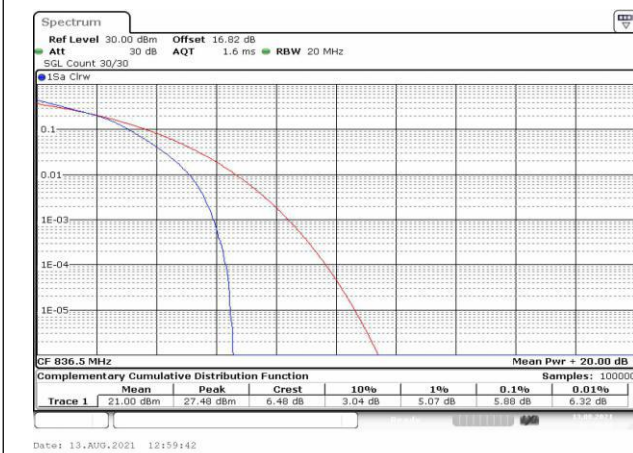


Fig.65

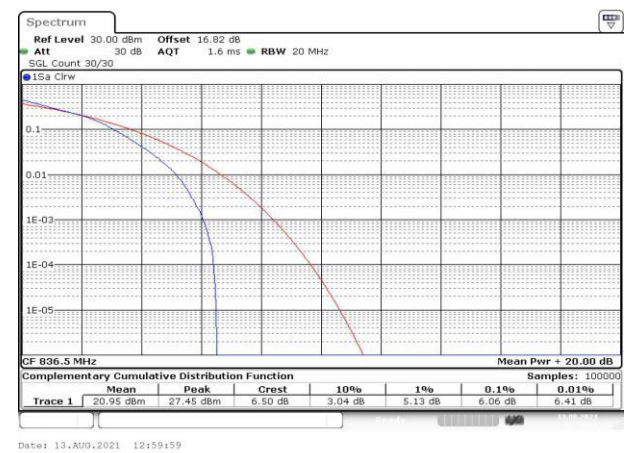


Fig.66

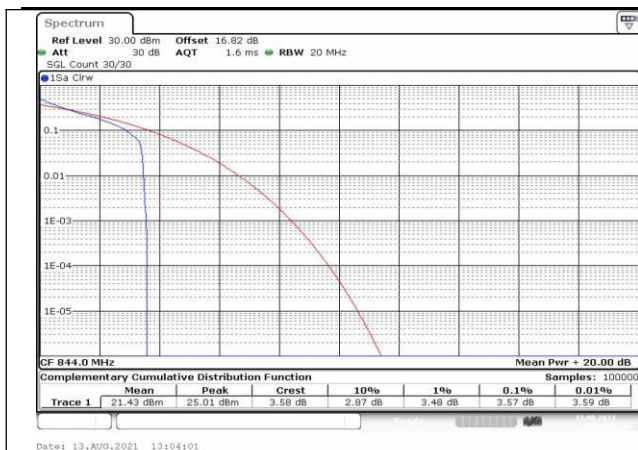


Fig.67

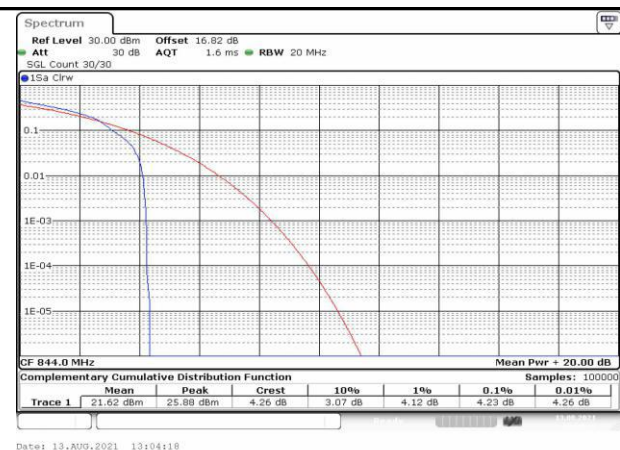


Fig.68

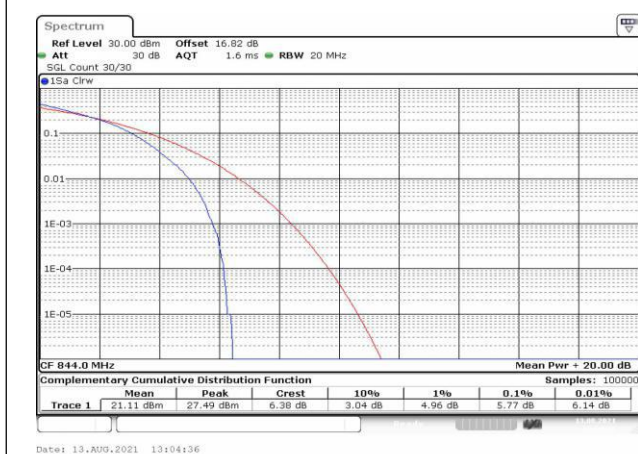


Fig.69

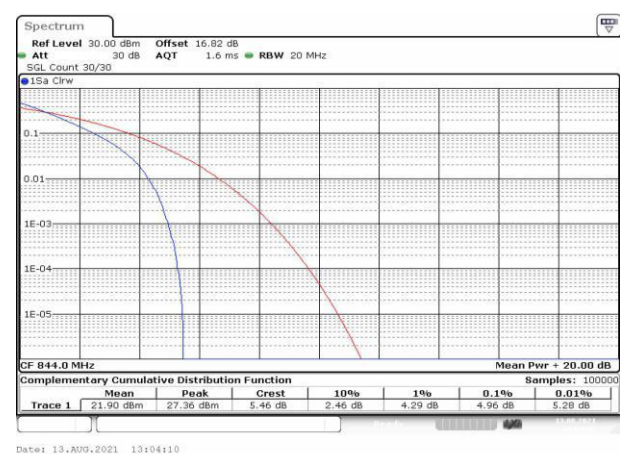


Fig.70

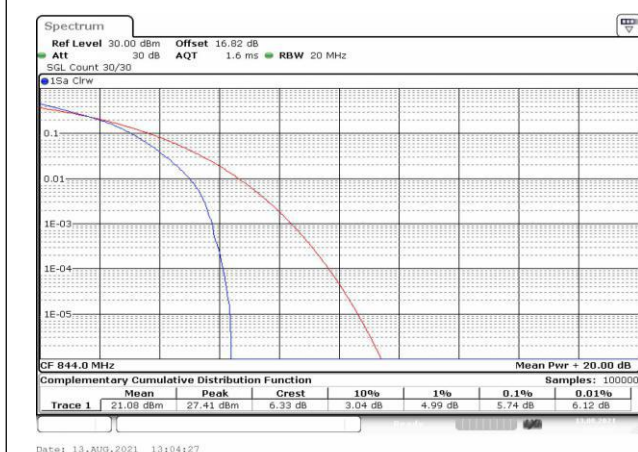


Fig.71

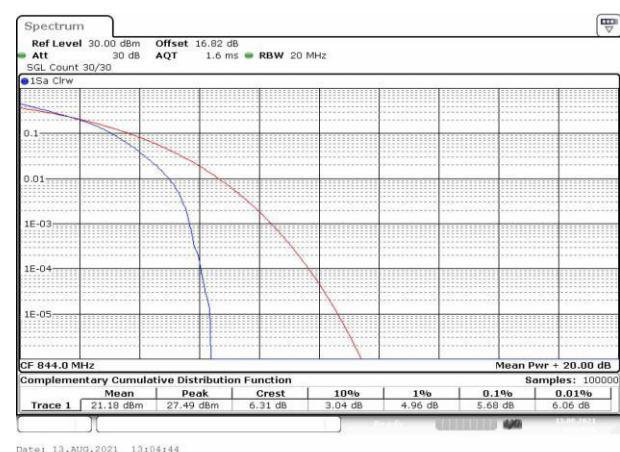
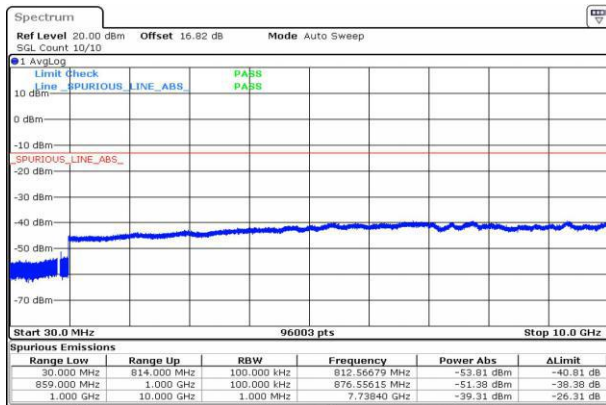


Fig.72

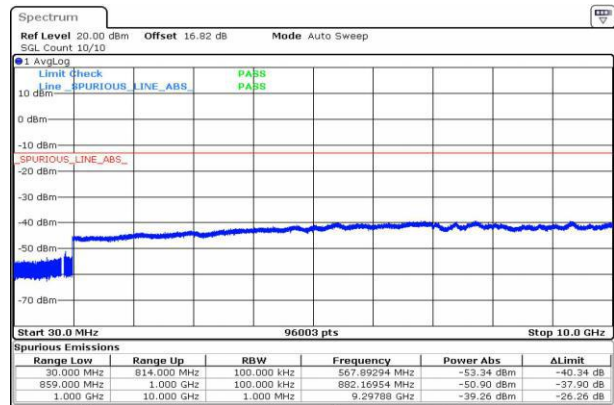
5 Spurious Emissions at antenna terminal

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



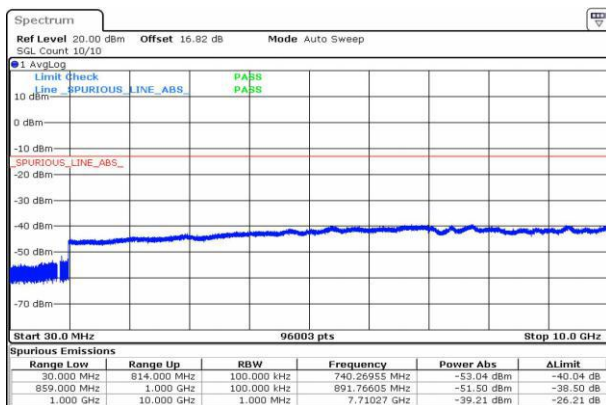
Date: 13.AUG.2021 12:55:18

Fig.1



Date: 13.AUG.2021 13:00:26

Fig.2

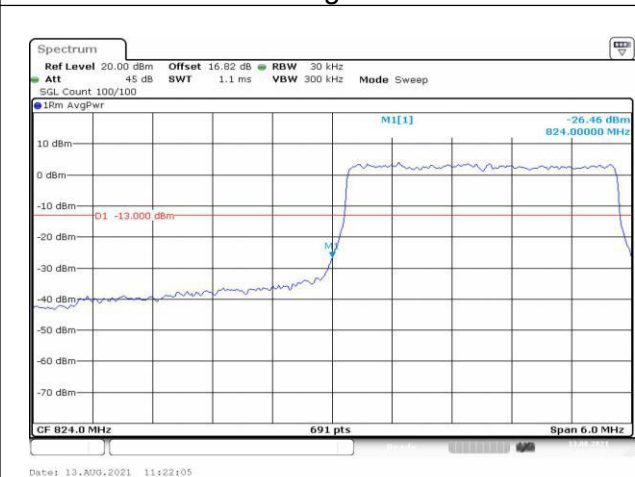
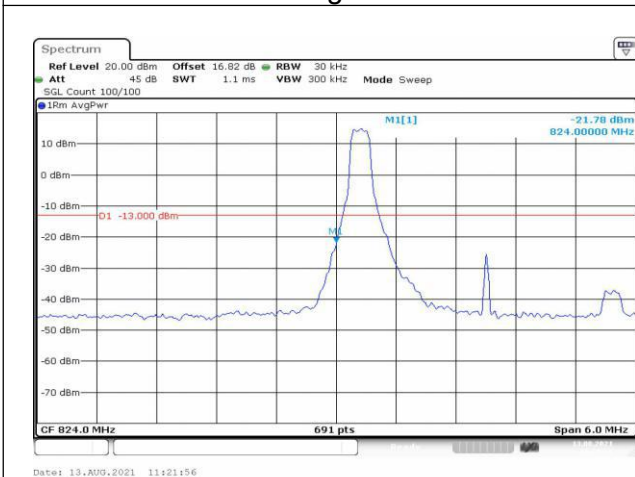
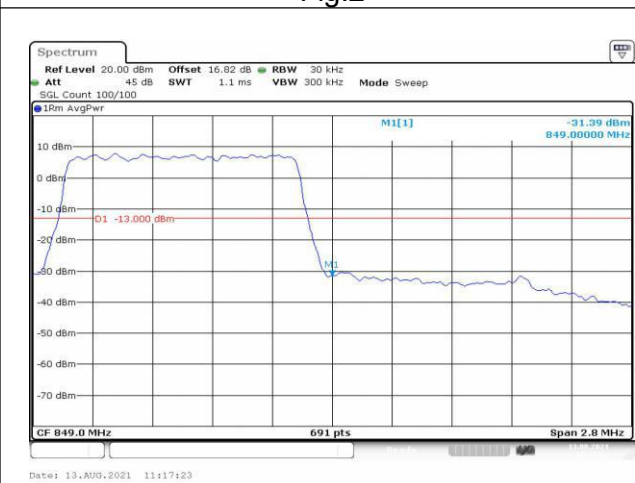
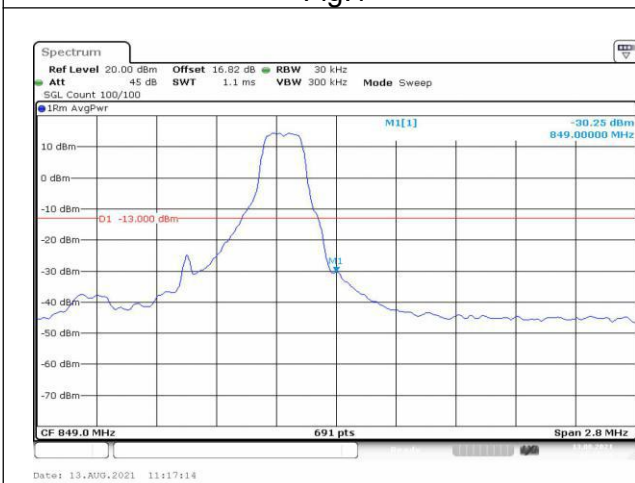
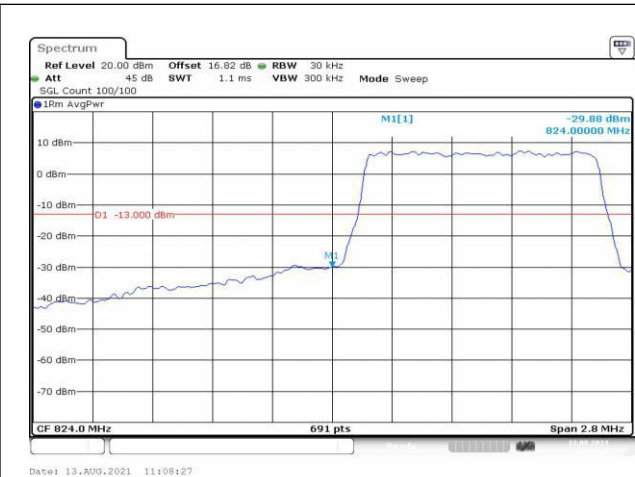
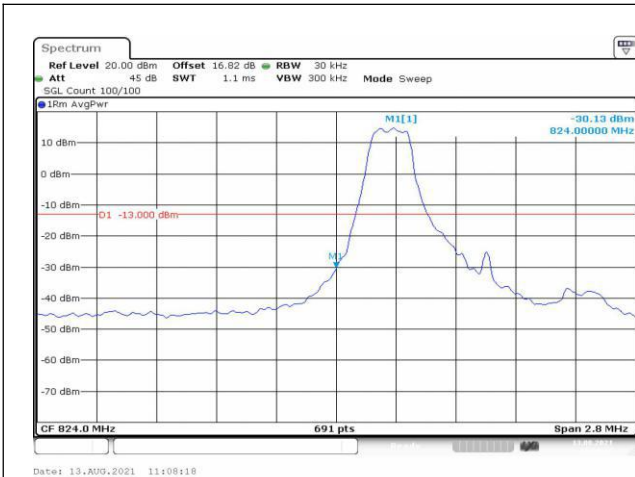


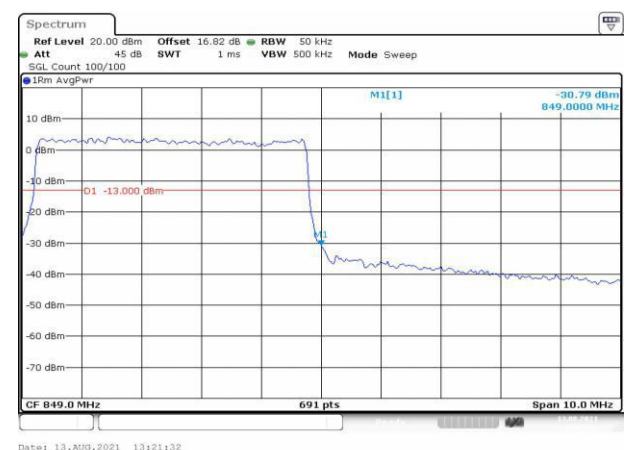
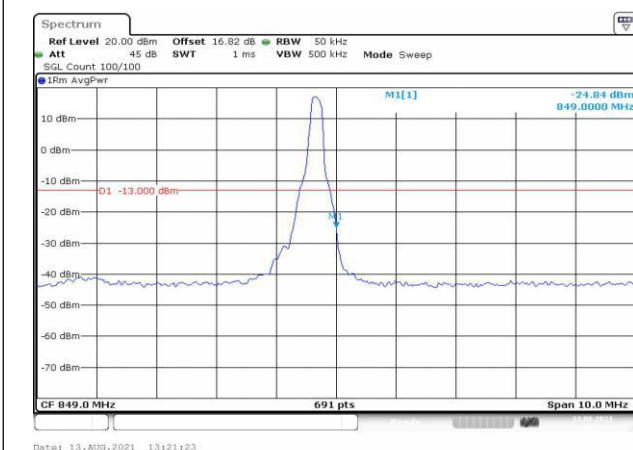
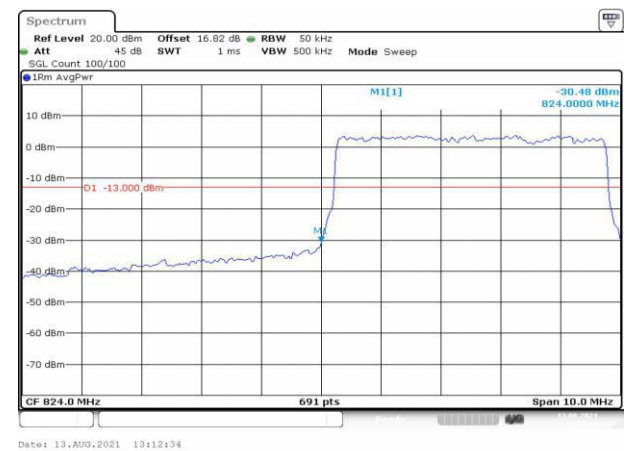
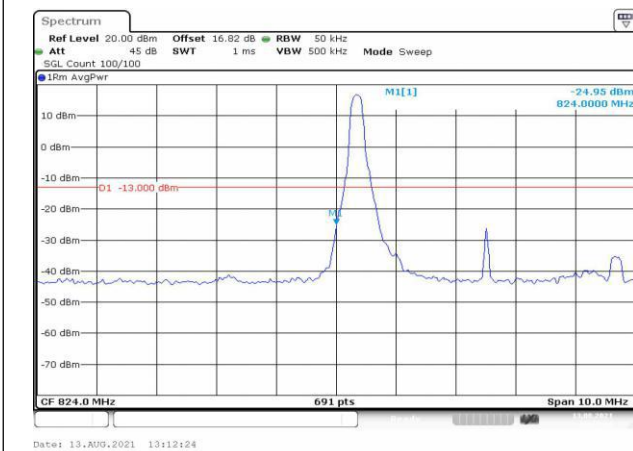
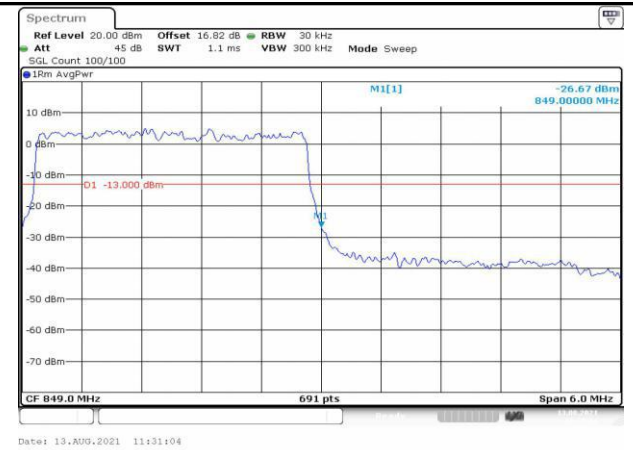
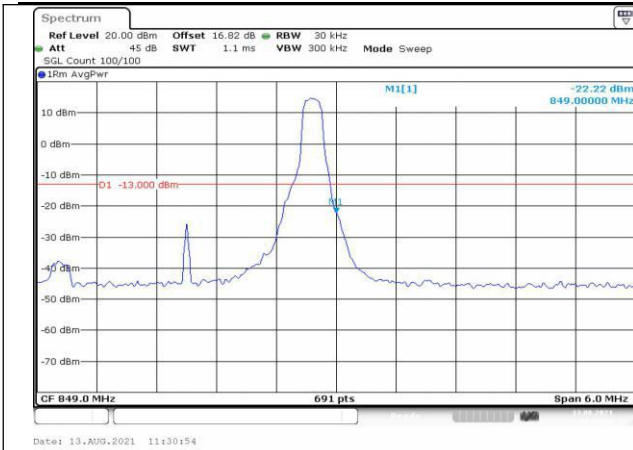
Date: 13.AUG.2021 13:05:10

Fig.3

6 Band Edges Compliance

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	
		844		20600	1	49	Fig.15
					50	0	Fig.16





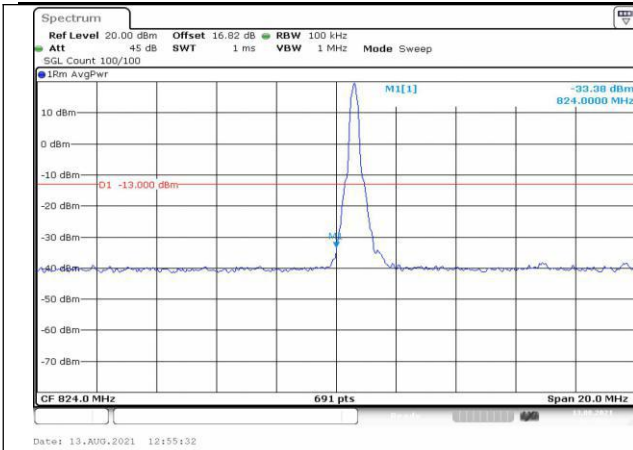


Fig.13



Fig.14

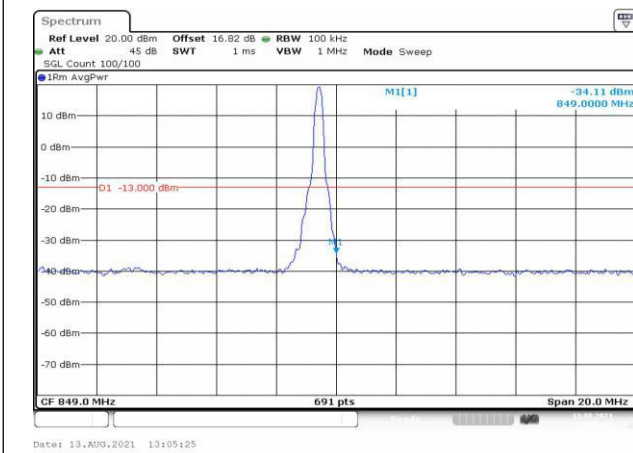


Fig.15

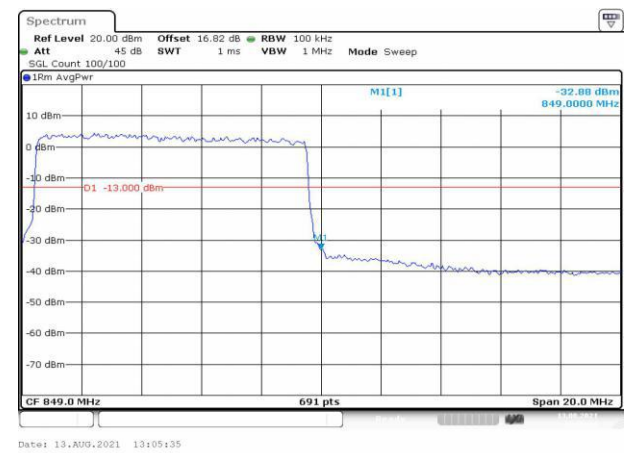


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band5 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.002	0.001	0.001	0.001	---	---
0	NV	-0.001	0.000	0.002	0.002	---	---
+10	NV	0.004	0.002	0.002	0.002	---	---
+20	NV	-0.004	0.000	-0.002	0.004	---	---
+30	NV	0.001	0.000	-0.001	0.004	---	---
+40	NV	-0.003	-0.001	0.003	0.004	---	---
+50	NV	-0.001	0.002	0.002	0.004	---	---
+20	LV	-0.008	0.000	-0.001	0.004	---	---
+20	HV	-0.013	-0.003	0.000	0.002	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band5 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.004	0.003	-0.001	0.002	---	---
0	NV	-0.005	0.005	0.002	0.000	---	---
+10	NV	-0.005	0.002	0.003	0.000	---	---
+20	NV	0.013	0.001	0.005	0.001	---	---
+30	NV	-0.008	0.003	0.005	0.005	---	---
+40	NV	-0.003	0.004	0.006	0.006	---	---
+50	NV	0.002	0.000	0.005	0.004	---	---
+20	LV	-0.007	-0.001	0.005	0.006	---	---
+20	HV	-0.008	0.001	0.003	0.004	---	---

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	824.7	20407	1.4	1	0	23.98	18.53	0.071	
				1	3	23.87	18.42	0.070	
				1	5	23.79	18.34	0.068	
				3	0	23.91	18.46	0.070	
				3	1	23.99	18.54	0.071	
				3	3	23.85	18.40	0.069	
	6	0		22.97	17.52	0.056			
	836.5	20525		1	0	23.99	18.54	0.071	
				1	3	23.97	18.52	0.071	
				1	5	23.94	18.49	0.071	
				3	0	23.99	18.54	0.071	
				3	1	23.99	18.54	0.071	
				3	3	23.97	18.52	0.071	
	6	0		23.05	17.60	0.058			
	848.3	20643		1	0	23.83	18.38	0.069	
				1	3	23.68	18.23	0.067	
				1	5	23.67	18.22	0.066	
				3	0	23.70	18.25	0.067	
				3	1	23.75	18.30	0.068	
				3	3	23.68	18.23	0.067	
	6	0		22.80	17.35	0.054			
	16QAM	824.7		20407	1	0	23.04	17.59	0.057
					1	3	23.09	17.64	0.058
					1	5	22.97	17.52	0.056
3					0	23.05	17.60	0.058	
3					1	23.18	17.73	0.059	
3					3	22.90	17.45	0.056	
6		0		22.03	16.58	0.045			
836.5		20525		1	0	23.12	17.67	0.058	
				1	3	23.13	17.68	0.059	
				1	5	23.19	17.74	0.059	
				3	0	23.16	17.71	0.059	
				3	1	23.11	17.66	0.058	
				3	3	22.97	17.52	0.056	
6		0		21.93	16.48	0.044			
848.3		20643		1	0	22.83	17.38	0.055	
				1	3	22.83	17.38	0.055	
				1	5	22.74	17.29	0.054	
				3	0	22.97	17.52	0.056	
				3	1	22.96	17.51	0.056	
				3	3	22.92	17.47	0.056	
6		0		21.77	16.32	0.043			

Modulation	Carrier frequerncy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	824.7	20407	1.4	1	0	21.77	16.32	0.043
				1	3	21.78	16.33	0.043
				1	5	21.78	16.33	0.043
				3	0	21.88	16.43	0.044
				3	1	21.87	16.42	0.044
				3	3	21.87	16.42	0.044
	6	0		20.79	15.34	0.034		
	836.5	20525		1	0	22.04	16.59	0.046
				1	3	22.12	16.67	0.046
				1	5	22.06	16.61	0.046
				3	0	21.92	16.47	0.044
				3	1	21.88	16.43	0.044
				3	3	21.99	16.54	0.045
	6	0		20.99	15.54	0.036		
	848.3	20643		1	0	21.24	15.79	0.038
				1	3	21.18	15.73	0.037
				1	5	21.17	15.72	0.037
				3	0	20.99	15.54	0.036
				3	1	20.95	15.50	0.035
				3	3	20.94	15.49	0.035
				6	0	19.84	14.39	0.027

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	825.5	20415	3	1	0	23.91	18.46	0.070	
				1	8	23.86	18.41	0.069	
				1	14	23.83	18.38	0.069	
				8	0	23.08	17.63	0.058	
				8	4	23.09	17.64	0.058	
				8	7	22.99	17.54	0.057	
	15	0		23.07	17.62	0.058			
	836.5	20525		1	0	24.29	18.84	0.077	
				1	8	24.14	18.69	0.074	
				1	14	24.14	18.69	0.074	
				8	0	23.09	17.64	0.058	
				8	4	23.13	17.68	0.059	
				8	7	23.12	17.67	0.058	
	15	0		23.13	17.68	0.059			
	847.5	20635		1	0	24.01	18.56	0.072	
				1	8	23.78	18.33	0.068	
				1	14	23.71	18.26	0.067	
				8	0	23.04	17.59	0.057	
				8	4	22.83	17.38	0.055	
				8	7	22.82	17.37	0.055	
	15	0		22.91	17.46	0.056			
	16QAM	825.5		20415	1	0	23.73	18.28	0.067
					1	8	23.67	18.22	0.066
					1	14	23.77	18.32	0.068
8					0	22.29	16.84	0.048	
8					4	22.21	16.76	0.047	
8					7	22.25	16.80	0.048	
15		0		22.09	16.64	0.046			
836.5		20525		1	0	23.36	17.91	0.062	
				1	8	23.21	17.76	0.060	
				1	14	23.26	17.81	0.060	
				8	0	22.12	16.67	0.046	
				8	4	22.13	16.68	0.047	
				8	7	22.09	16.64	0.046	
15		0		22.14	16.69	0.047			
847.5		20635		1	0	23.19	17.74	0.059	
				1	8	22.95	17.50	0.056	
				1	14	22.81	17.36	0.054	
				8	0	22.14	16.69	0.047	
				8	4	21.92	16.47	0.044	
				8	7	21.87	16.42	0.044	
15		0		21.95	16.50	0.045			

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	825.5	20415	3	1	0	22.42	16.97	0.050
				1	8	22.33	16.88	0.049
				1	14	22.32	16.87	0.049
				8	0	21.16	15.71	0.037
				8	4	21.15	15.70	0.037
				8	7	21.15	15.70	0.037
				15	0	21.03	15.58	0.036
	836.5	20525		1	0	22.10	16.65	0.046
				1	8	22.10	16.65	0.046
				1	14	22.14	16.69	0.047
				8	0	21.05	15.60	0.036
				8	4	20.98	15.53	0.036
				8	7	21.01	15.56	0.036
				15	0	21.45	16.00	0.040
	847.5	20635		1	0	21.18	15.73	0.037
				1	8	20.78	15.33	0.034
				1	14	20.77	15.32	0.034
				8	0	20.04	14.59	0.029
				8	4	19.88	14.43	0.028
				8	7	19.88	14.43	0.028
				15	0	20.04	14.59	0.029

Modulation	Carrier frequen cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	826.5	20425	5	1	0	23.97	18.52	0.071	
				1	12	23.93	18.48	0.070	
				1	24	23.88	18.43	0.070	
				12	0	23.08	17.63	0.058	
				12	7	22.98	17.53	0.057	
				12	13	23.02	17.57	0.057	
	25	0		23.08	17.63	0.058			
	836.5	20525		1	0	23.98	18.53	0.071	
				1	12	23.95	18.50	0.071	
				1	24	23.97	18.52	0.071	
				12	0	23.02	17.57	0.057	
				12	7	23.10	17.65	0.058	
				12	13	23.01	17.56	0.057	
	25	0		23.21	17.76	0.060			
	846.5	20625		1	0	24.01	18.56	0.072	
				1	12	23.82	18.37	0.069	
				1	24	23.78	18.33	0.068	
				12	0	23.24	17.79	0.060	
				12	7	22.91	17.46	0.056	
				12	13	22.91	17.46	0.056	
	25	0		23.06	17.61	0.058			
	16QAM	826.5		20425	1	0	22.93	17.48	0.056
					1	12	23.08	17.63	0.058
					1	24	23.01	17.56	0.057
12					0	22.04	16.59	0.046	
12					7	22.03	16.58	0.045	
12					13	21.97	16.52	0.045	
25		0		22.12	16.67	0.046			
836.5		20525		1	0	23.27	17.82	0.061	
				1	12	23.30	17.85	0.061	
				1	24	23.24	17.79	0.060	
				12	0	22.21	16.76	0.047	
				12	7	22.12	16.67	0.046	
				12	13	22.18	16.73	0.047	
25		0		22.12	16.67	0.046			
846.5		20625		1	0	23.06	17.61	0.058	
				1	12	22.84	17.39	0.055	
				1	24	22.87	17.42	0.055	
				12	0	22.05	16.60	0.046	
				12	7	22.03	16.58	0.045	
				12	13	21.83	16.38	0.043	
25		0		22.13	16.68	0.047			

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	826.5	20425	5	1	0	22.01	16.56	0.045
				1	12	21.93	16.48	0.044
				1	24	22.11	16.66	0.046
				12	0	20.97	15.52	0.036
				12	7	20.92	15.47	0.035
				12	13	20.82	15.37	0.034
				25	0	21.11	15.66	0.037
	836.5	20525		1	0	22.03	16.58	0.045
				1	12	22.06	16.61	0.046
				1	24	22.63	17.18	0.052
				12	0	21.26	15.81	0.038
				12	7	21.15	15.70	0.037
				12	13	21.06	15.61	0.036
				25	0	21.26	15.81	0.038
	846.5	20625		1	0	21.75	16.30	0.043
				1	12	20.99	15.54	0.036
				1	24	20.98	15.53	0.036
				12	0	20.67	15.22	0.033
				12	7	20.11	14.66	0.029
				12	13	20.13	14.68	0.029
				25	0	20.28	14.83	0.030

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
QPSK	829	20450	10	1	0	24.20	18.75	0.075	
				1	25	23.99	18.54	0.071	
				1	49	24.07	18.62	0.073	
				25	0	23.03	17.58	0.057	
				25	12	23.17	17.72	0.059	
				25	25	23.15	17.70	0.059	
	836.5	20525		50	0	23.09	17.64	0.058	
				1	0	24.17	18.72	0.074	
				1	25	24.08	18.63	0.073	
				1	49	24.09	18.64	0.073	
				25	0	23.11	17.66	0.058	
				25	12	23.17	17.72	0.059	
	844	20600		25	25	23.21	17.76	0.060	
				50	0	23.18	17.73	0.059	
				1	0	24.34	18.89	0.077	
				1	25	23.63	18.18	0.066	
				1	49	23.60	18.15	0.065	
				25	0	23.16	17.71	0.059	
	16QAM	829		20450	25	12	22.86	17.41	0.055
					25	25	22.96	17.51	0.056
					50	0	23.20	17.75	0.060
1					0	23.85	18.40	0.069	
1					25	23.93	18.48	0.070	
1					49	23.80	18.35	0.068	
836.5		20525		25	0	22.10	16.65	0.046	
				25	12	22.20	16.75	0.047	
				25	25	22.09	16.64	0.046	
				50	0	22.22	16.77	0.048	
				1	0	23.31	17.86	0.061	
				1	25	23.28	17.83	0.061	
844		20600		1	49	23.29	17.84	0.061	
				25	0	22.06	16.61	0.046	
				25	12	22.17	16.72	0.047	
				25	25	22.28	16.83	0.048	
				50	0	22.18	16.73	0.047	
				1	0	23.24	17.79	0.060	
				1	25	22.75	17.30	0.054	
				1	49	22.72	17.27	0.053	
				25	0	22.27	16.82	0.048	
	25			12	22.15	16.70	0.047		
	25			25	22.20	16.75	0.047		
	50			0	22.16	16.71	0.047		

Modulation	Carrier frequern cy (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	829	20450	10	1	0	22.18	16.73	0.047
				1	25	22.45	17.00	0.050
				1	49	22.45	17.00	0.050
				25	0	20.99	15.54	0.036
				25	12	21.16	15.71	0.037
				25	25	21.10	15.65	0.037
				50	0	21.11	15.66	0.037
	836.5	20525		1	0	22.18	16.73	0.047
				1	25	22.06	16.61	0.046
				1	49	21.91	16.46	0.044
				25	0	21.25	15.80	0.038
				25	12	21.28	15.83	0.038
				25	25	21.25	15.80	0.038
				50	0	21.27	15.82	0.038
	844	20600		1	0	22.00	16.55	0.045
				1	25	20.64	15.19	0.033
				1	49	20.65	15.20	0.033
				25	0	20.83	15.38	0.035
				25	12	20.35	14.90	0.031
				25	25	20.35	14.90	0.031
				50	0	20.53	15.08	0.032