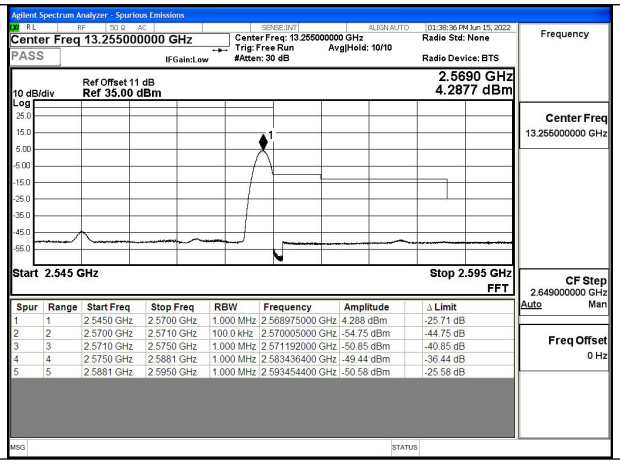

Fig.11

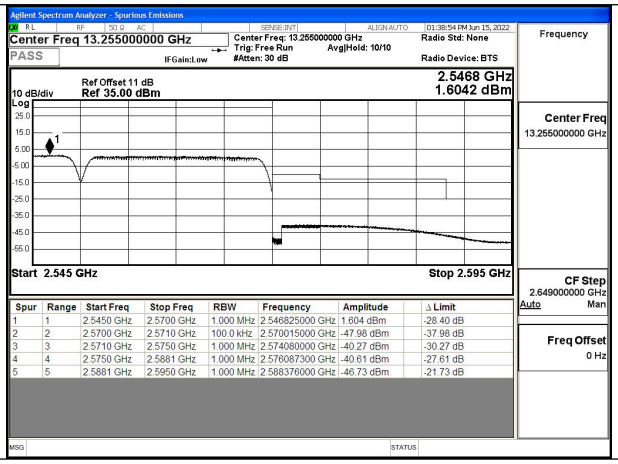

Fig.12

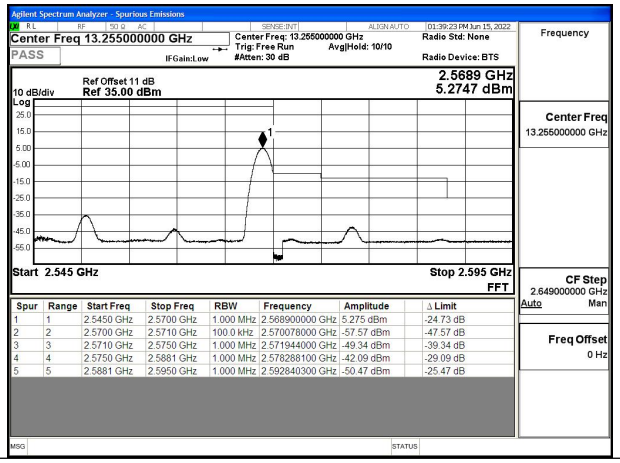

Fig.13

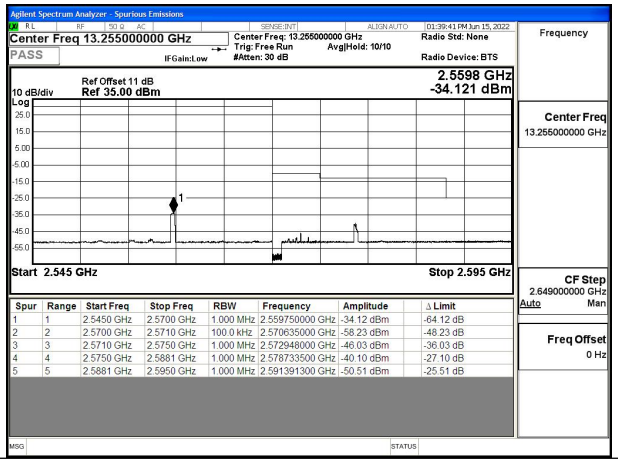

Fig.14

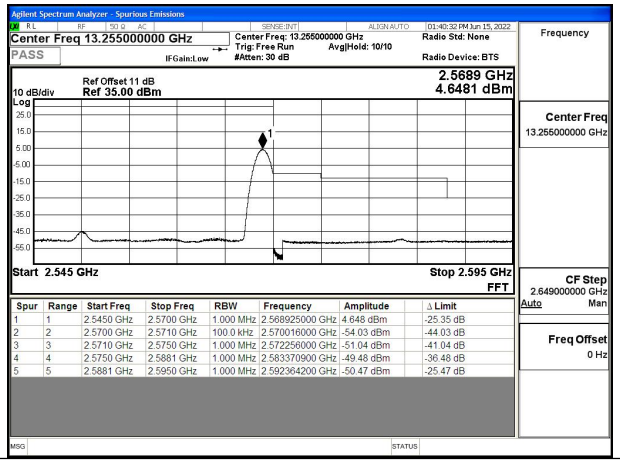

Fig.15

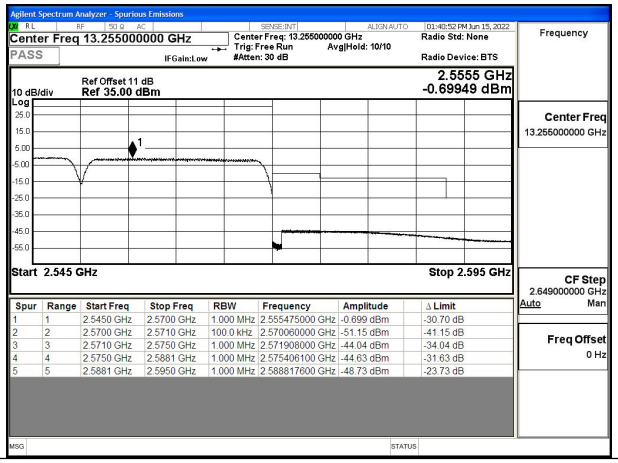

Fig.16

5 Effective Radiated Power and Effective Isotropic Radiated Power

Aggregated BW	Modulation	PCC	SCC	ERP/EIRP (dBm) Range			ERP/EIRP (W) Range		
				Low	Mid	High	Low	Mid	High
10+20	QPSK	1@49	50@0	23.63	23.18	22.76	0.231	0.208	0.189
		50@0	100@0	20.81	20.78	20.36	0.121	0.120	0.109
20+10		1@99	1@0	23.11	23.17	19.99	0.205	0.207	0.100
		1@0	1@49	20.68	20.93	20.59	0.117	0.124	0.115
		100@0	50@0	20.84	22.98	23.59	0.121	0.199	0.229
15+15		1@74	1@0	23.79	23.31	23.12	0.239	0.214	0.205
		75@0	75@0	21.54	21.16	21.00	0.143	0.131	0.126
15+20		1@74	1@0	23.65	23.32	22.77	0.232	0.215	0.189
		75@0	100@0	21.30	20.89	20.70	0.135	0.123	0.117
20+15		1@99	1@0	21.31	23.57	23.33	0.135	0.228	0.215
		100@0	75@0	21.27	21.30	20.43	0.134	0.135	0.110
20+20		1@99	1@0	20.61	20.45	22.51	0.115	0.111	0.178
		1@0	1@99	22.77	22.96	20.32	0.189	0.198	0.108
		100@0	100@0	20.60	20.64	20.37	0.115	0.116	0.109

Aggregated BW	Modulation	PCC	SCC	ERP/EIRP (dBm) Range			ERP/EIRP (W) Range		
				Low	Mid	High	Low	Mid	High
10+20	16QAM	1@49	50@0	21.80	21.80	21.65	0.151	0.151	0.146
		50@0	100@0	18.77	18.82	18.60	0.075	0.076	0.072
20+10		1@99	1@0	21.85	21.91	20.03	0.153	0.155	0.101
		1@0	1@49	20.61	18.89	18.53	0.115	0.077	0.071
		100@0	50@0	18.86	21.83	22.12	0.077	0.152	0.163
15+15		1@74	1@0	22.52	22.15	21.85	0.179	0.164	0.153
		75@0	75@0	19.60	19.24	19.03	0.091	0.084	0.080
15+20		1@74	1@0	22.48	22.15	21.68	0.177	0.164	0.147
		75@0	100@0	19.27	18.92	18.79	0.085	0.078	0.076
20+15		1@99	1@0	20.93	22.33	22.09	0.124	0.171	0.162
		100@0	75@0	19.03	19.05	20.35	0.080	0.080	0.108
20+20		1@99	1@0	18.78	18.57	21.48	0.076	0.072	0.141
		1@0	1@99	21.58	21.81	20.35	0.144	0.152	0.108
		100@0	100@0	20.70	18.85	18.34	0.117	0.077	0.068

Aggregated BW	Modulation	PCC	SCC	ERP/EIRP (dBm)			ERP/EIRP (W)		
				Range			Range		
				Low	Mid	High	Low	Mid	High
10+20	64QAM	1@49	50@0	21.85	21.80	21.64	0.153	0.151	0.146
		50@0	100@0	18.88	18.80	18.61	0.077	0.076	0.073
20+10		1@99	1@0	21.93	21.97	20.01	0.156	0.157	0.100
		1@0	1@49	20.58	18.85	18.50	0.114	0.077	0.071
		100@0	50@0	18.82	21.91	22.10	0.076	0.155	0.162
15+15		1@74	1@0	22.64	22.36	21.90	0.184	0.172	0.155
		75@0	75@0	19.25	19.26	19.07	0.084	0.084	0.081
15+20		1@74	1@0	21.99	22.05	21.59	0.158	0.160	0.144
		75@0	100@0	18.90	18.96	18.89	0.078	0.079	0.077
20+15		1@99	1@0	20.87	22.26	22.04	0.122	0.168	0.160
		100@0	75@0	18.99	18.98	20.37	0.079	0.079	0.109
20+20		1@99	1@0	18.68	18.55	21.41	0.074	0.072	0.138
		1@0	1@99	21.50	21.73	20.40	0.141	0.149	0.110
		100@0	100@0	20.59	18.78	18.37	0.115	0.076	0.069