

Fig.79

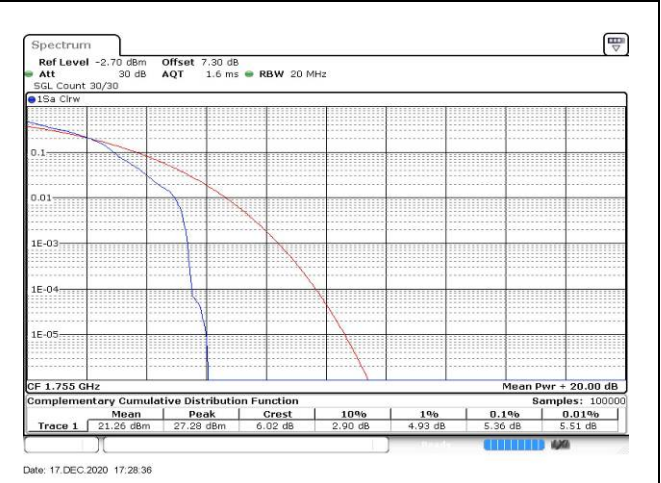


Fig.80

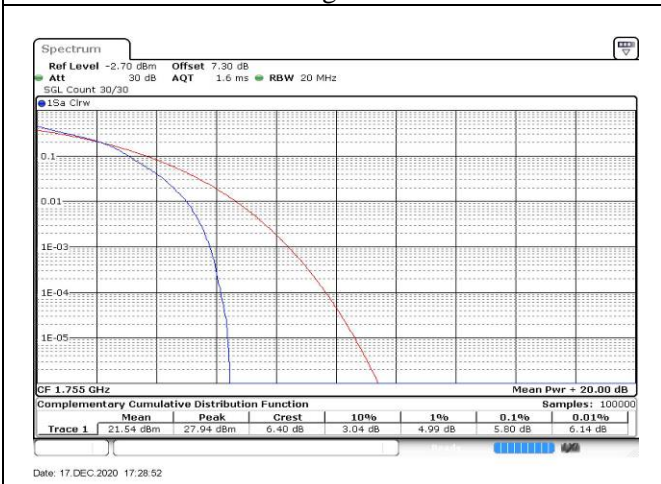


Fig.81

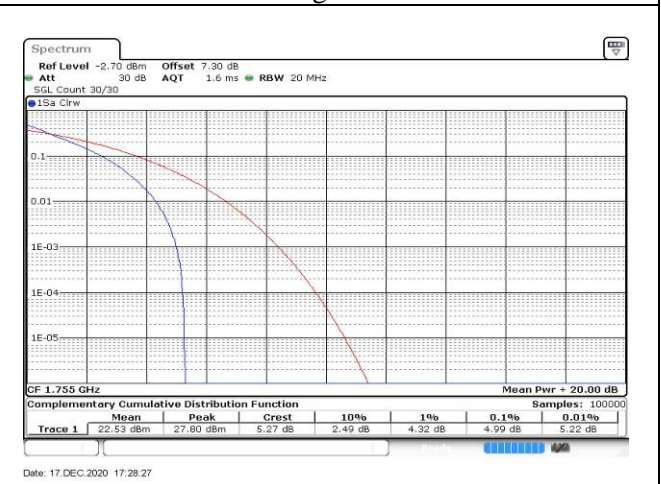


Fig.82

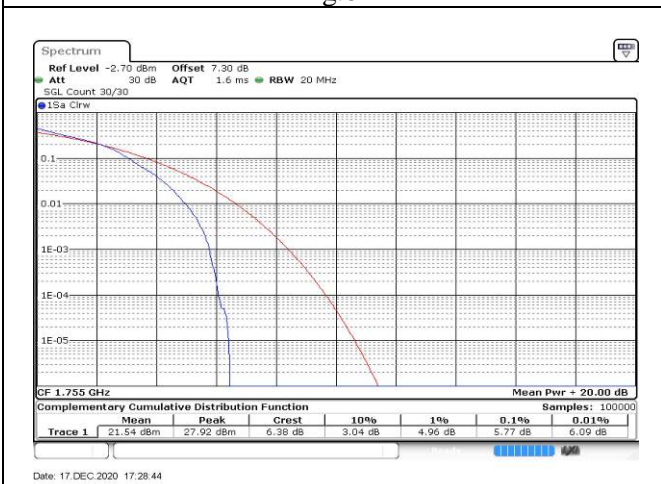


Fig.83

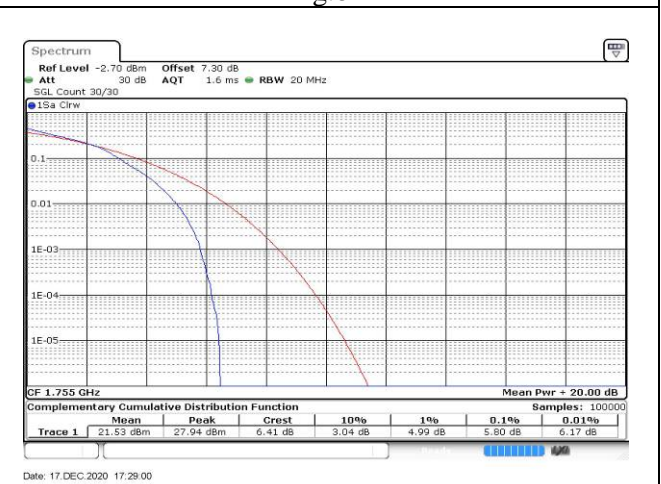


Fig.84

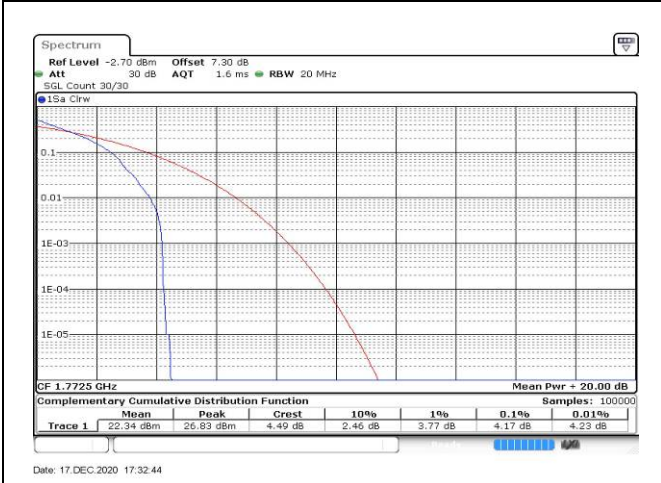


Fig.85

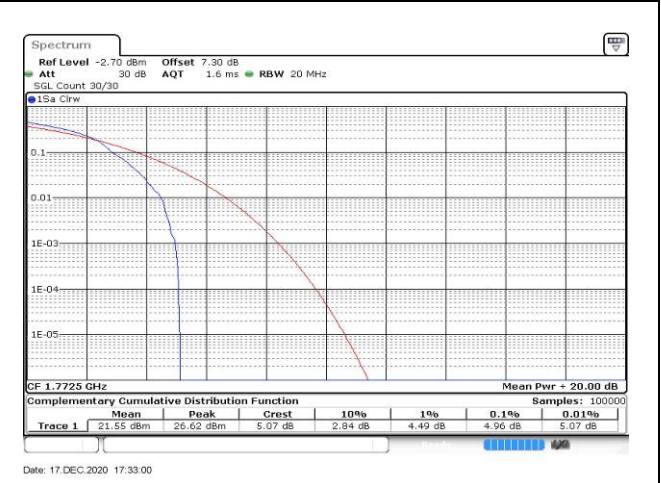


Fig.86

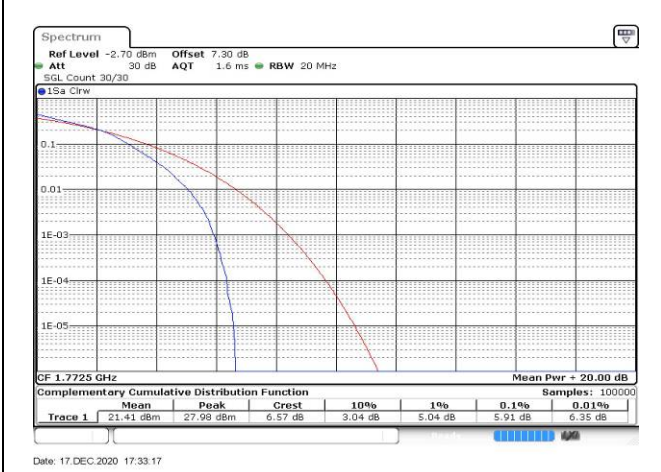


Fig.87

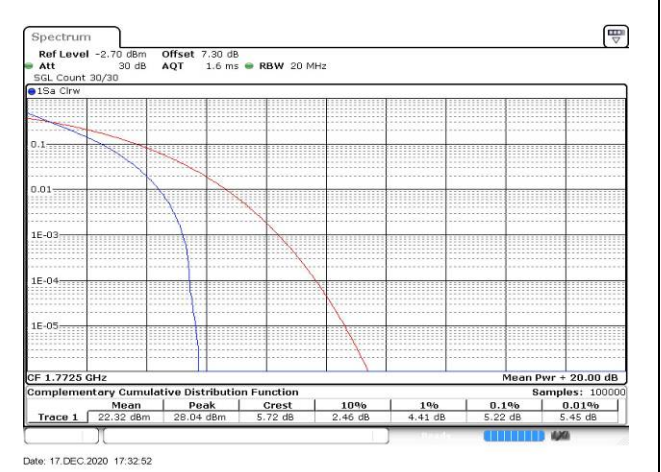


Fig.88

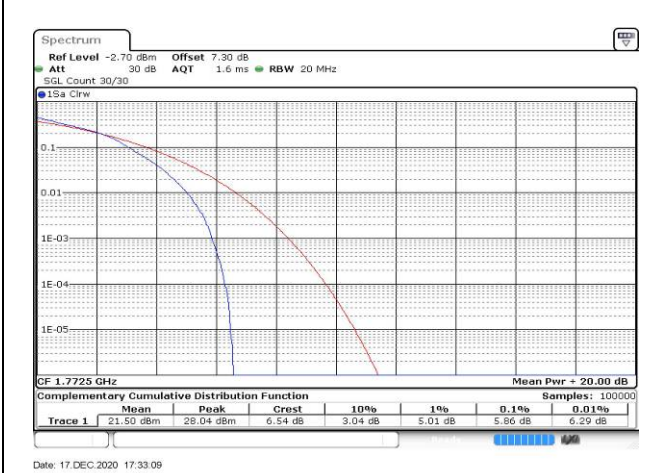


Fig.89

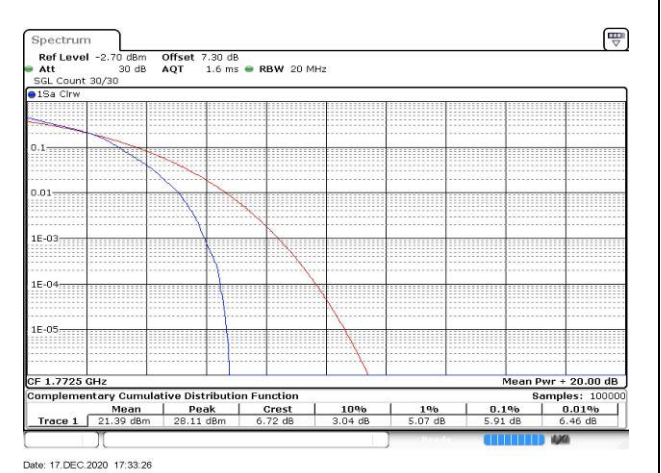


Fig.90

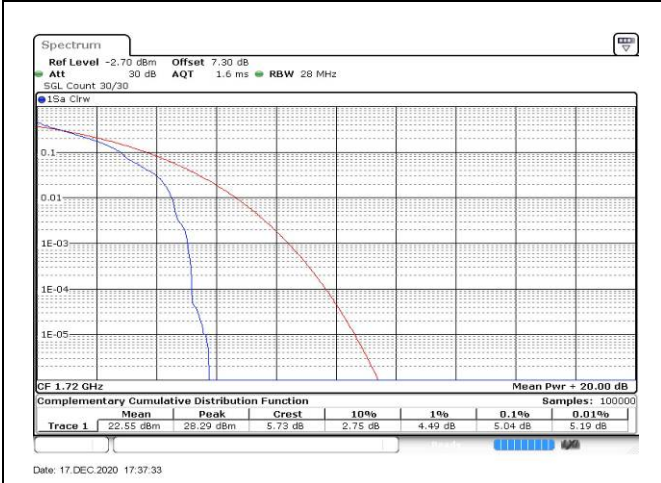


Fig.91

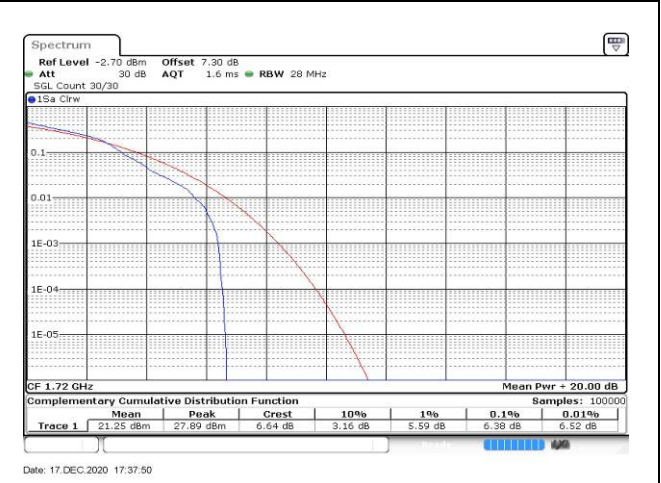


Fig.92

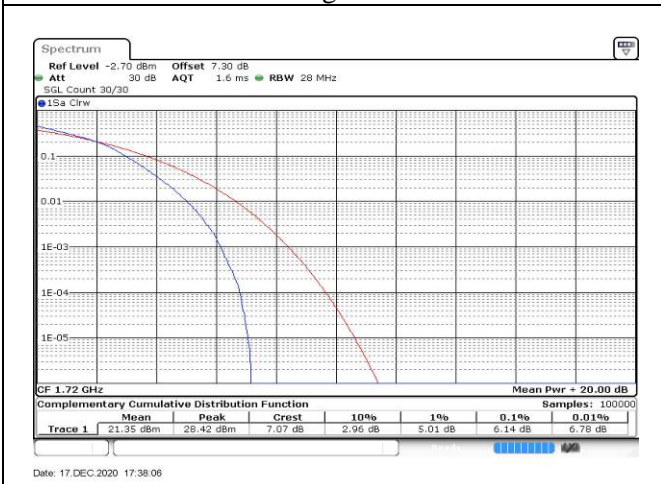


Fig.93

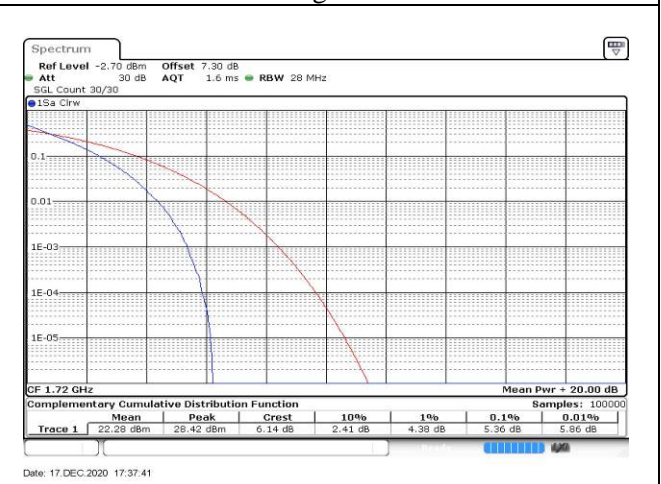


Fig.94



Fig.95

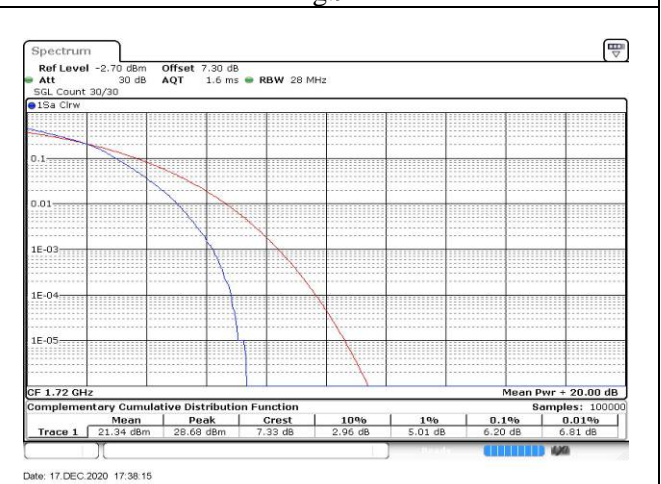


Fig.96

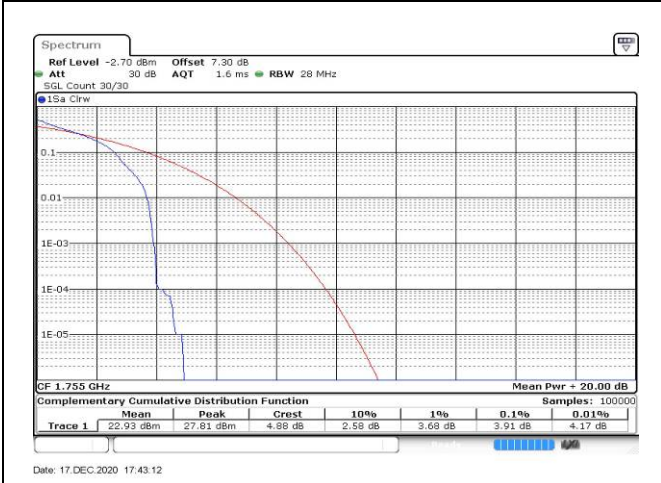


Fig.97

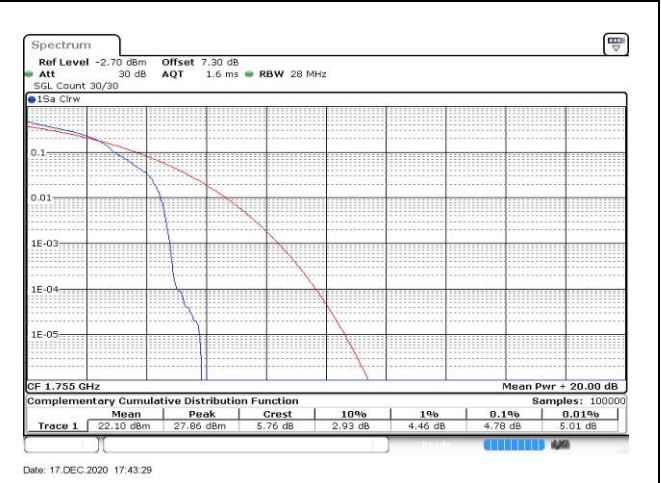


Fig.98

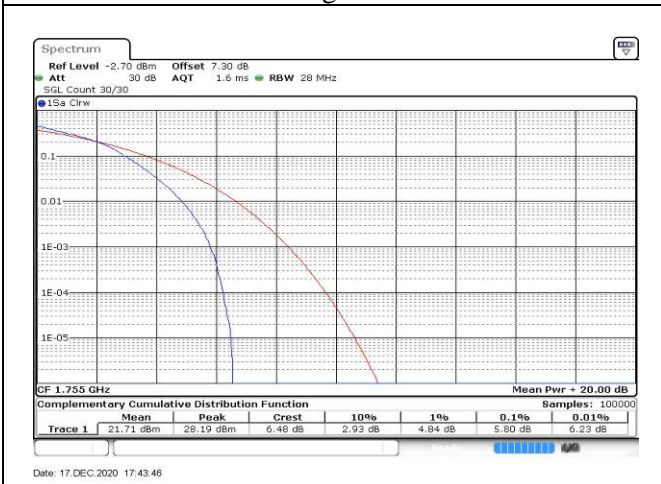


Fig.99

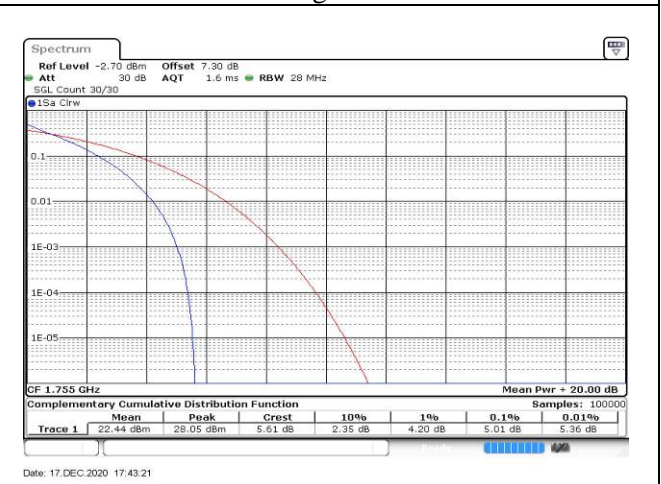


Fig.100

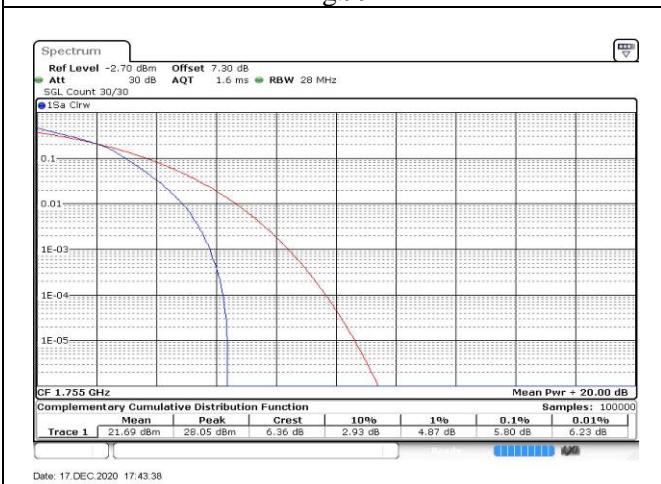


Fig.101

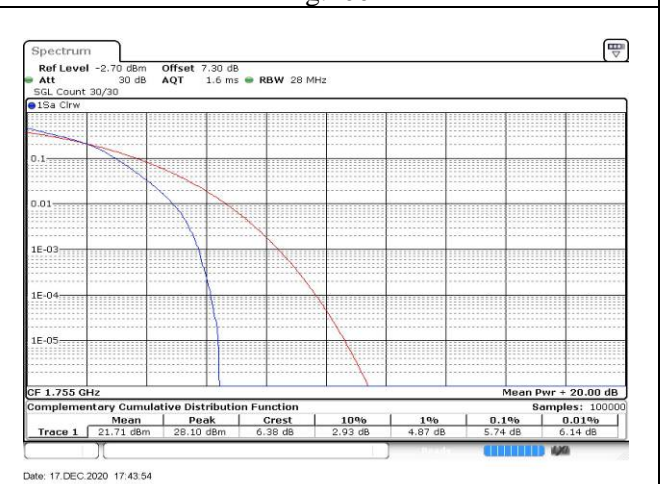


Fig.102

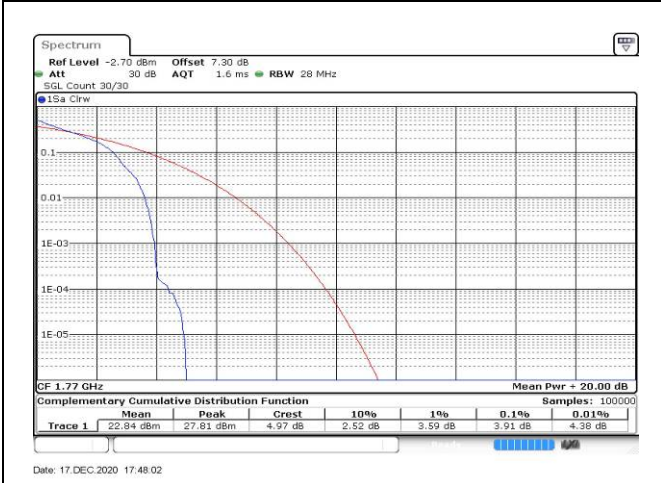


Fig.103

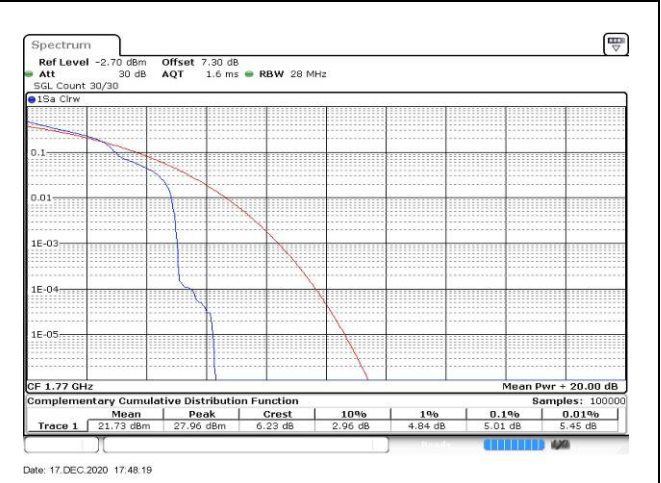


Fig.104

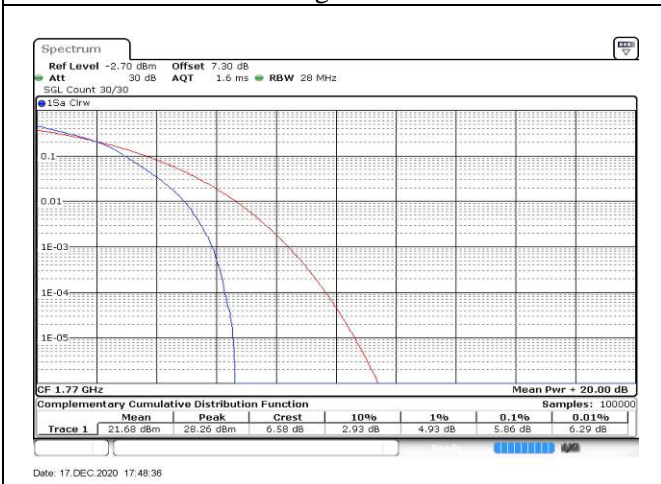


Fig.105

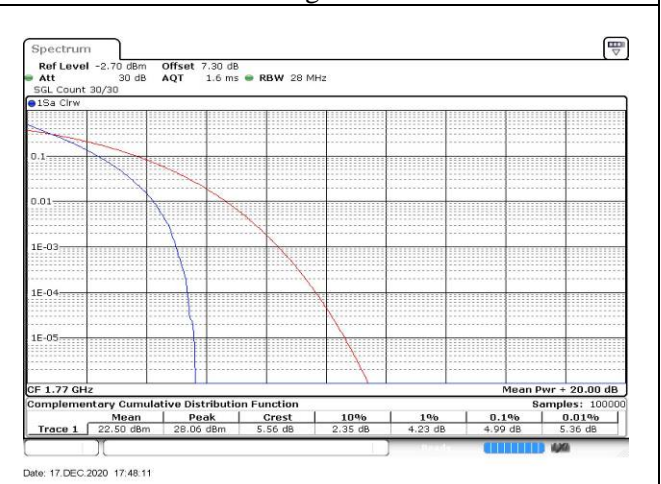


Fig.106

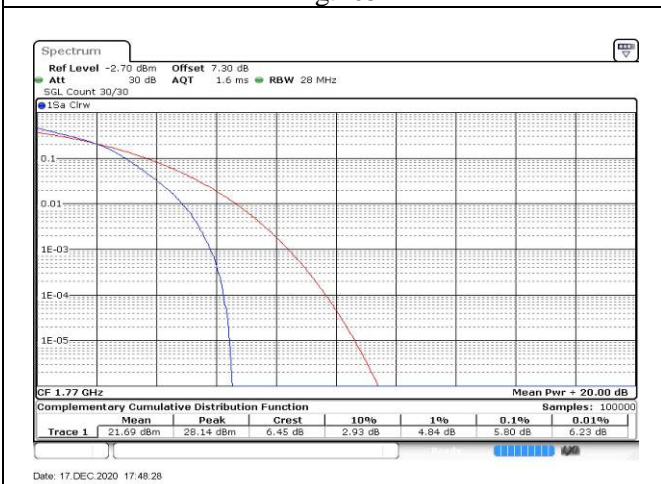


Fig.107

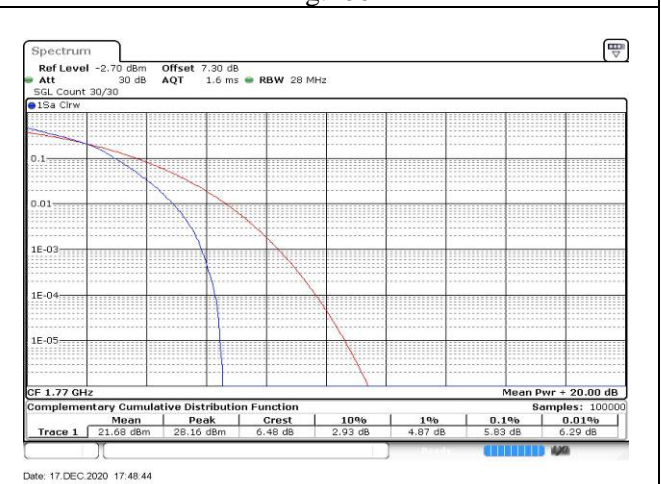


Fig.108

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
66	1720	132072	20	1	0	Fig.1
	1745	132322		1	0	Fig.2
	1770	132572		1	0	Fig.3

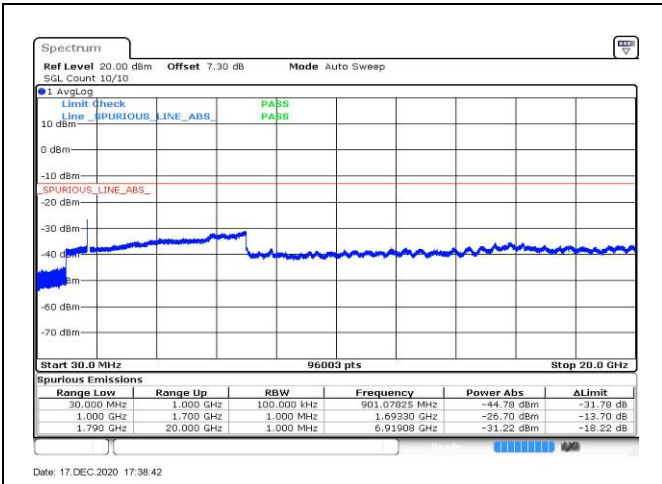


Fig.1

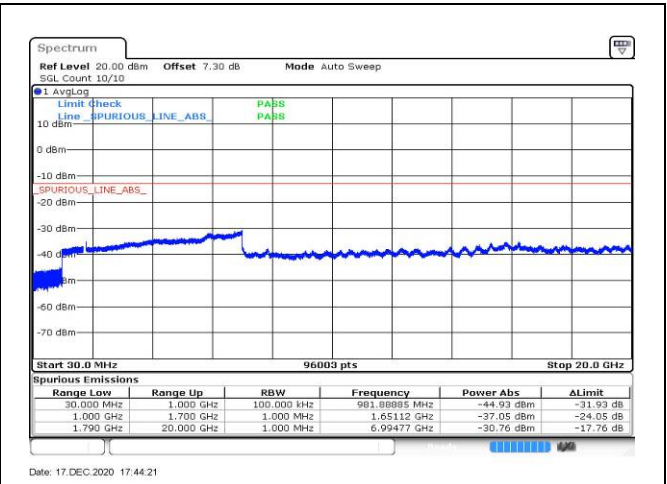


Fig.2

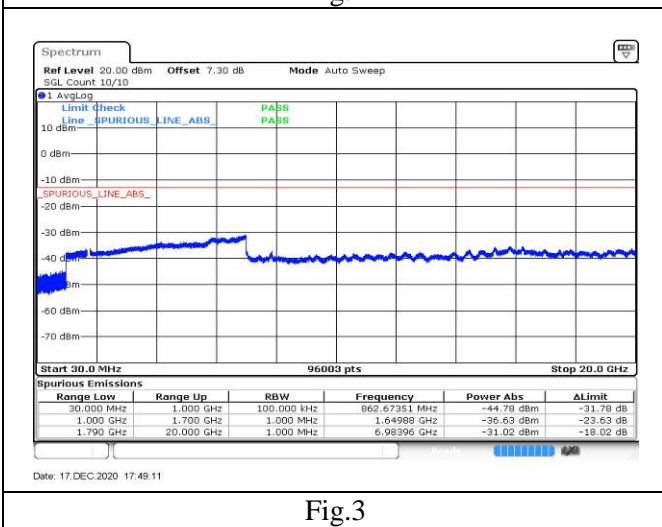


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
66	1710.7	131979	1.4	1	0	Fig.1
				6	0	Fig.2
	1779.3	132665		1	5	Fig.3
				6	0	Fig.4
	1711.5	131987	3	1	0	Fig.5
				15	0	Fig.6
	1778.5	132657		1	14	Fig.7
				15	0	Fig.8
	1712.5	131997	5	1	0	Fig.9
				25	0	Fig.10
	1777.5	132647		1	24	Fig.11
				25	0	Fig.12
	1715	132022	10	1	0	Fig.13
				50	0	Fig.14
	1775	132622		1	49	Fig.15
				50	0	Fig.16
	1717.5	132047	15	1	0	Fig.17
				75	0	Fig.18
	1772.5	132597		1	74	Fig.19
				75	0	Fig.20
	1720	132072	20	1	0	Fig.21
				100	0	Fig.22
	1770	132572		1	99	Fig.23
				100	0	Fig.24

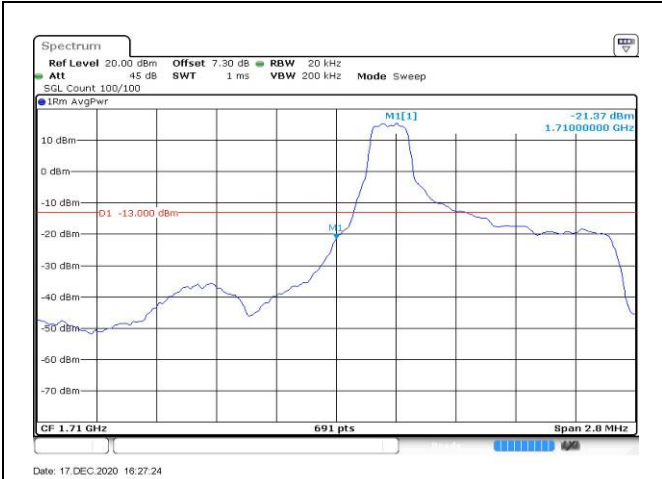


Fig.1

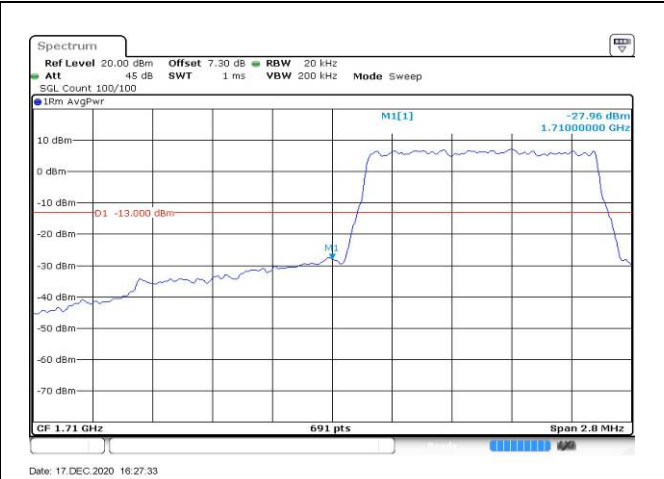


Fig.2

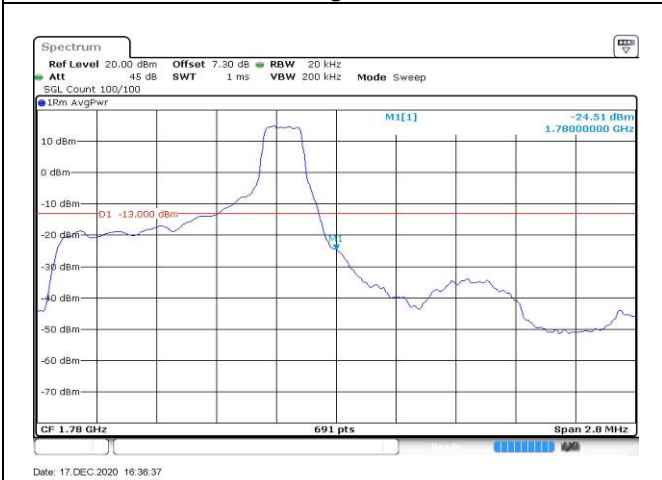


Fig.3

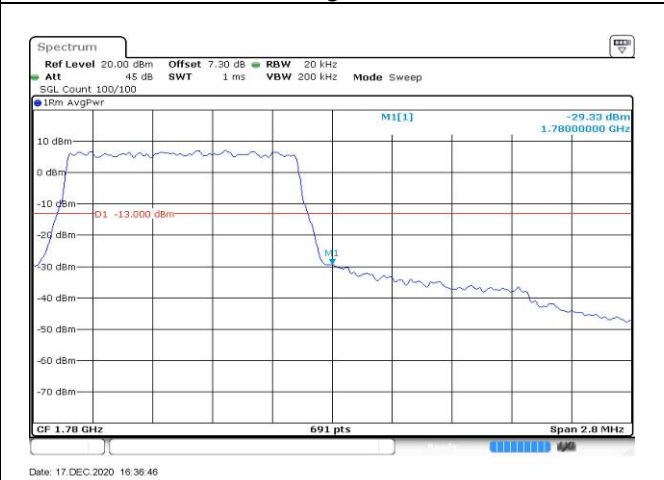


Fig.4

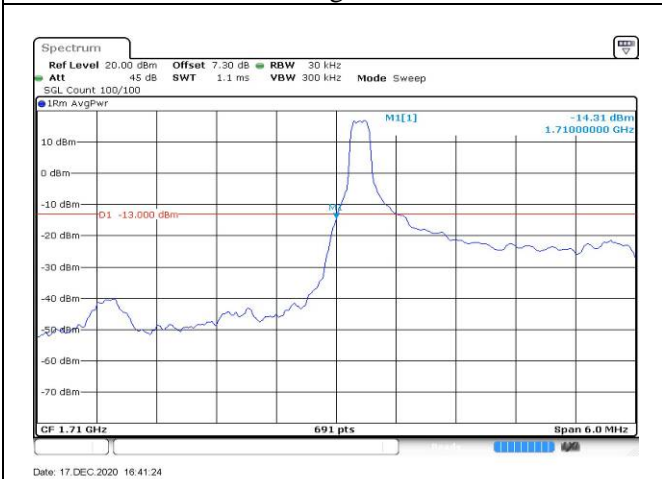


Fig.5

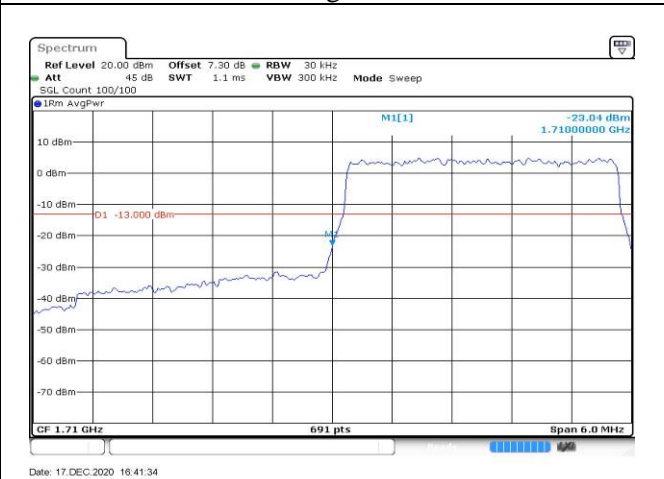


Fig.6

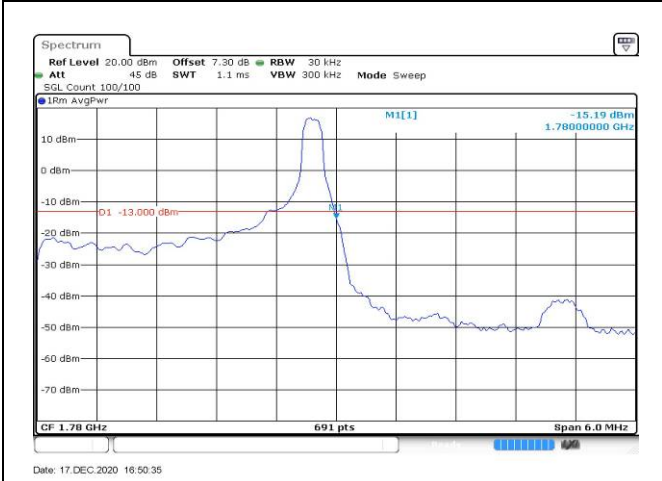


Fig.7

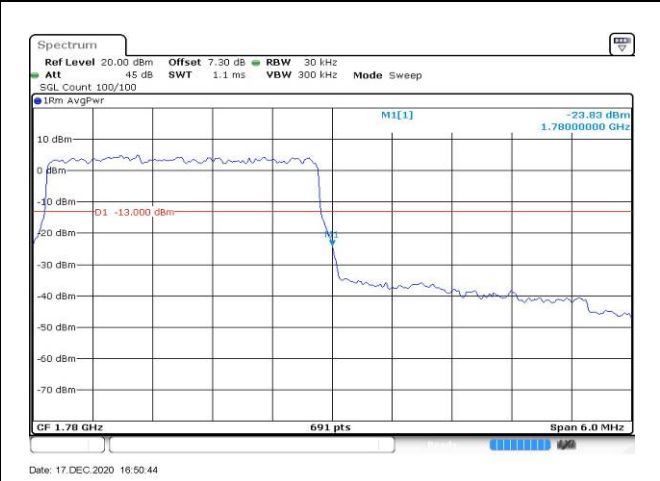


Fig.8

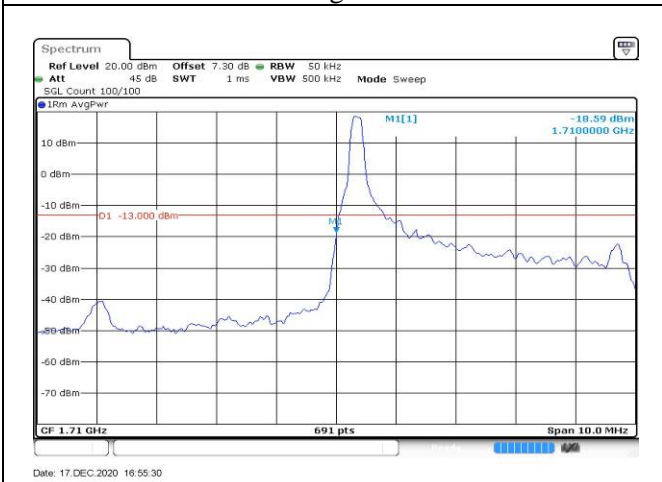


Fig.9

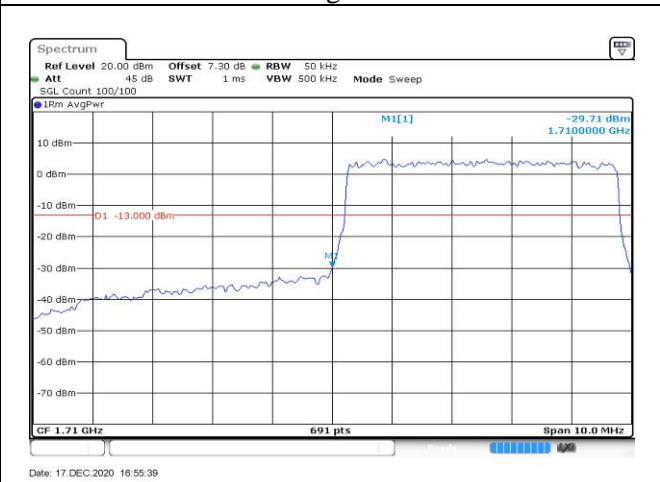


Fig.10

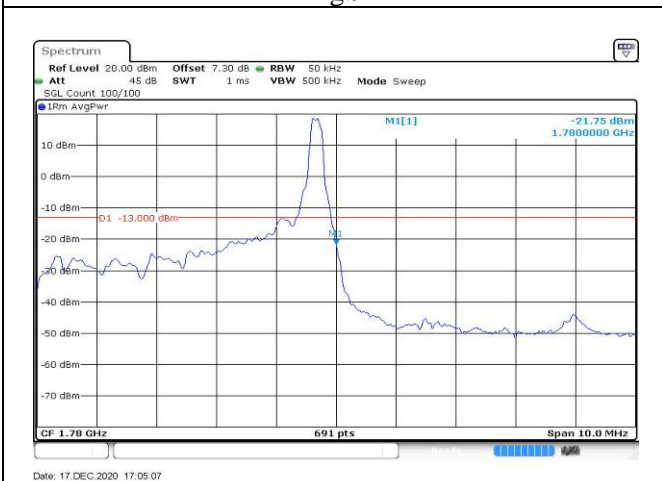


Fig.11

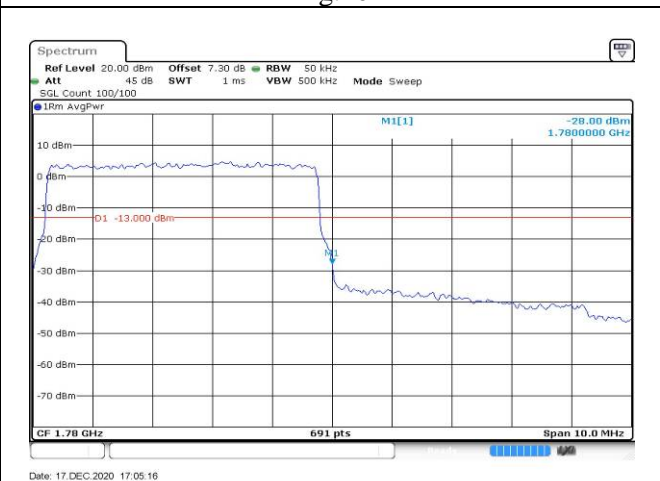


Fig.12

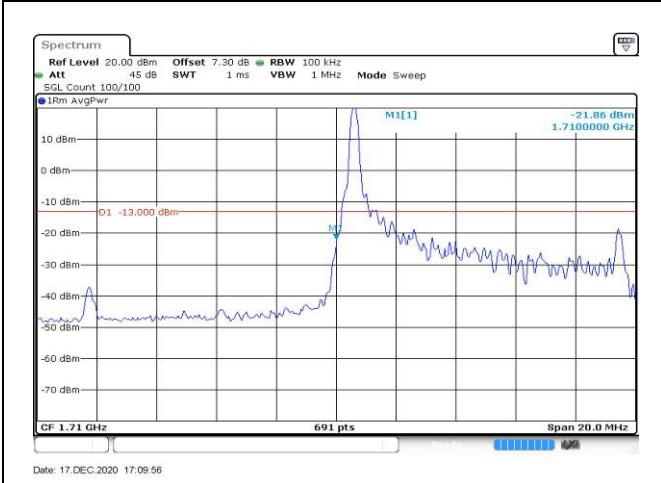


Fig.13

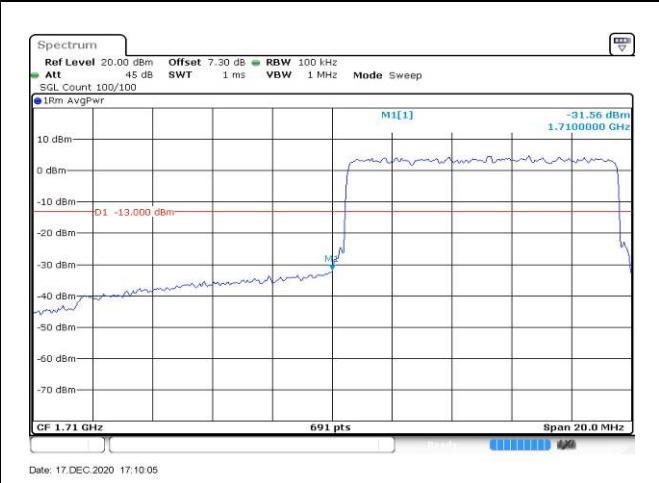


Fig.14

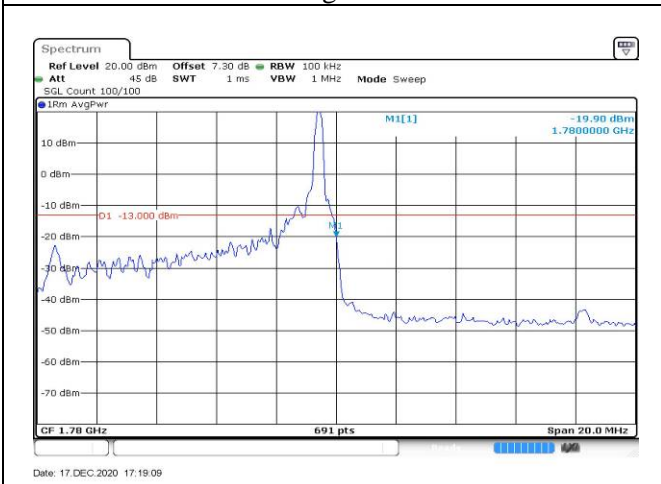


Fig.15

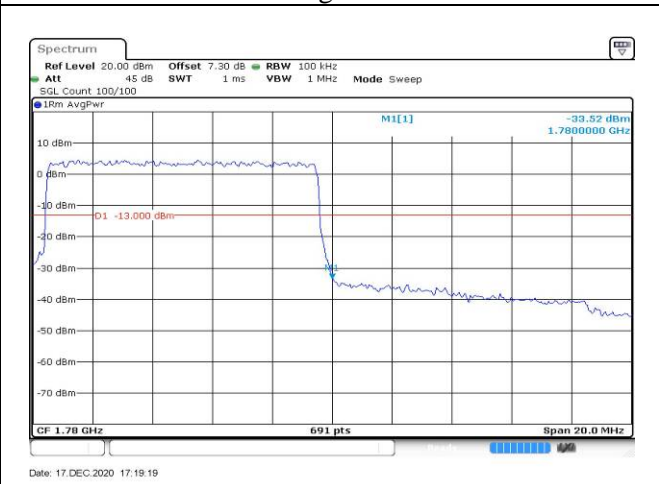


Fig.16

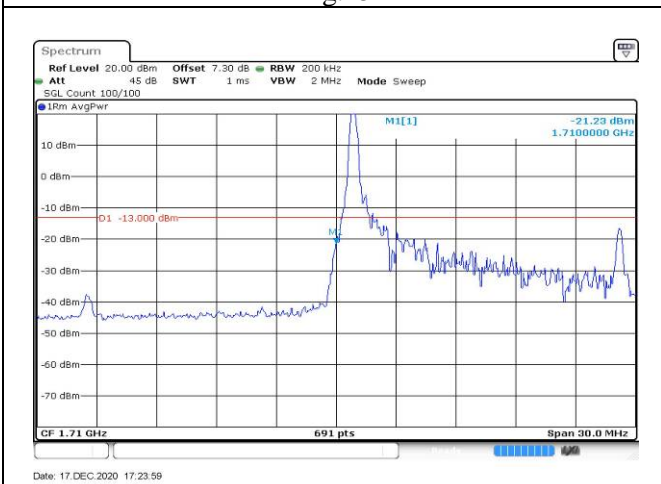


Fig.17

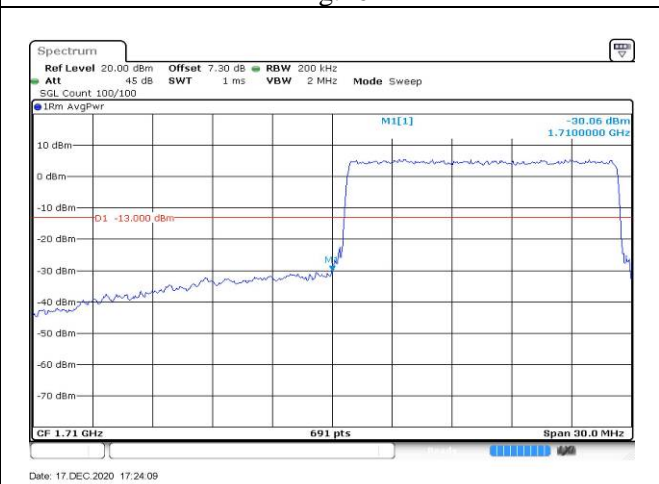


Fig.18

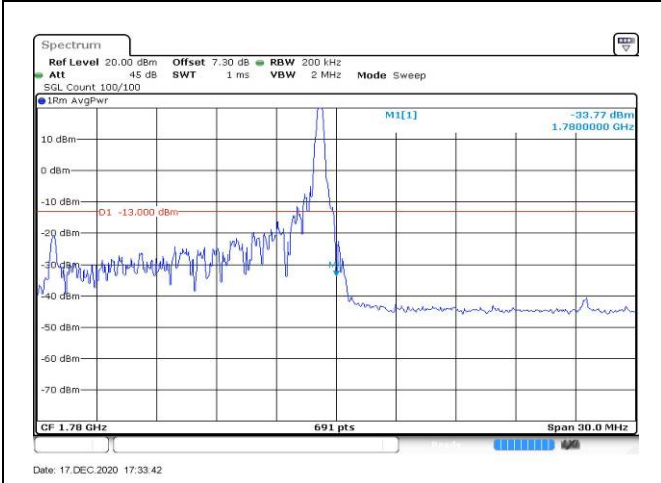


Fig.19

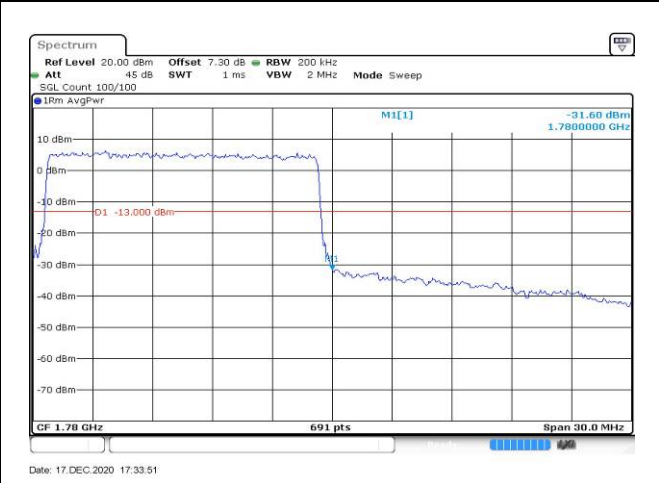


Fig.20

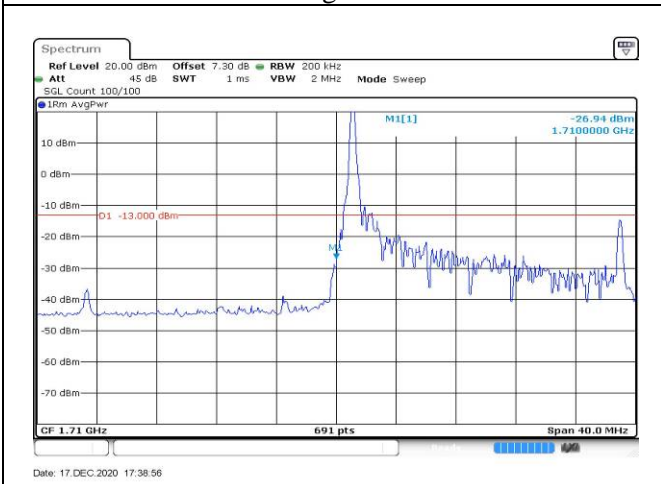


Fig.21

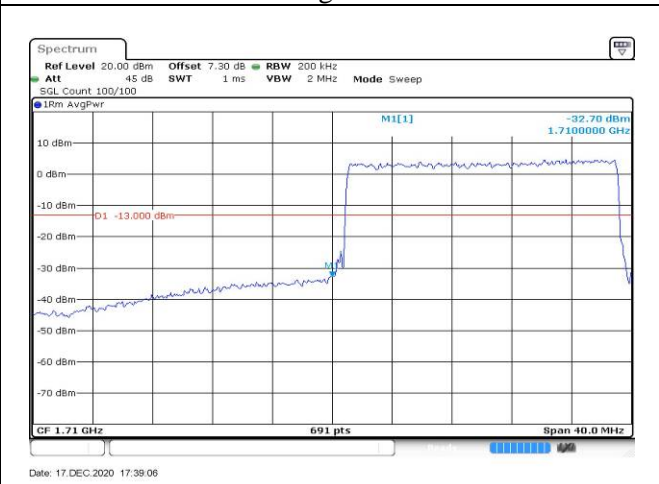


Fig.22

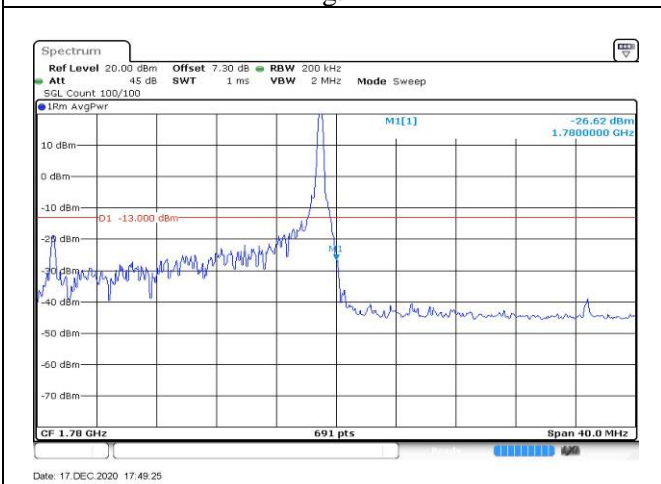


Fig.23

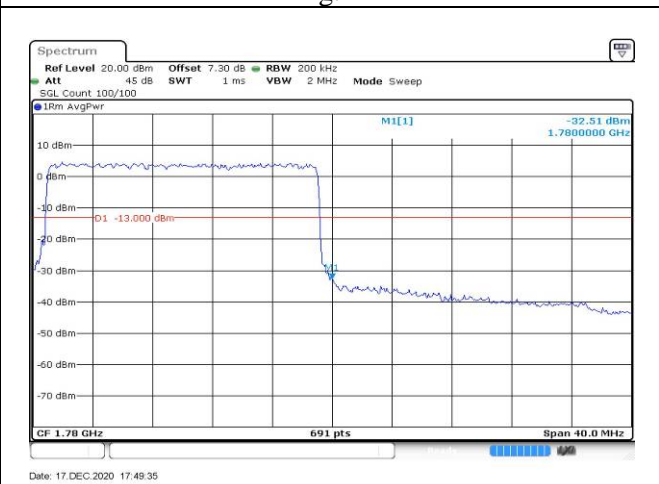


Fig.24

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band66 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.020	-0.006	-0.026	-0.024	-0.017	-0.013
0	NV	-0.016	-0.009	-0.002	-0.024	-0.010	-0.022
+10	NV	-0.024	-0.027	-0.017	-0.080	-0.021	-0.016
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.016	-0.029	-0.028	-0.007	-0.008	-0.012
+40	NV	-0.017	-0.015	-0.024	-0.026	-0.013	-0.006
+50	NV	-0.018	-0.020	-0.025	-0.007	-0.023	-0.005
+55	NV	-0.011	-0.021	-0.022	-0.011	-0.018	-0.006
+20	LV	-0.006	-0.026	-0.027	-0.009	-0.015	-0.008
+20	HV	-0.031	-0.026	-0.024	-0.019	-0.004	-0.009

Temperature(°C)	Voltage	Test Result (ppm) Band66 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.005	-0.011	-0.018	0.000	-0.020	-0.011
0	NV	-0.006	-0.017	-0.011	-0.015	-0.024	-0.005
+10	NV	0.005	-0.027	-0.028	-0.018	-0.001	-0.007
+20	NV	0.000	0.000	0.000	0.000	0.000	0.000
+30	NV	-0.021	-0.023	-0.021	-0.023	-0.020	-0.019
+40	NV	-0.004	-0.012	-0.013	-0.023	-0.003	-0.021
+50	NV	-0.006	-0.001	-0.004	-0.013	0.000	-0.017
+55	NV	-0.008	-0.009	-0.009	-0.010	0.006	-0.008
+20	LV	-0.014	-0.014	-0.018	-0.002	-0.020	-0.007
+20	HV	-0.008	-0.004	-0.003	-0.027	-0.012	-0.006

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	1710.7	131979	1.4	1	0	24.03	22.83	0.192
				1	3	24.09	22.89	0.195
				1	5	24.04	22.84	0.192
				3	0	24.13	22.93	0.196
				3	1	24.06	22.86	0.193
				3	3	24.15	22.95	0.197
	6	0		23.04	21.84	0.153		
	1	0		24.34	23.14	0.206		
	1	3		24.40	23.20	0.209		
	1	5		24.40	23.20	0.209		
	3	0		24.20	23.00	0.200		
	3	1		24.28	23.08	0.203		
	3	3		24.26	23.06	0.202		
	6	0		23.15	21.95	0.157		
	1	0		24.07	22.87	0.194		
	1	3		24.05	22.85	0.193		
	1	5		24.07	22.87	0.194		
	3	0		24.21	23.01	0.200		
3	1	24.21	23.01	0.200				
3	3	24.19	22.99	0.199				
6	0	23.12	21.92	0.156				
16QAM	1710.7	131979	1.4	1	0	23.82	22.62	0.183
				1	3	23.91	22.71	0.187
				1	5	23.90	22.70	0.186
				3	0	22.91	21.71	0.148
				3	1	22.93	21.73	0.149
				3	3	23.06	21.86	0.153
	6	0		22.16	20.96	0.125		
	1	0		23.31	22.11	0.163		
	1	3		23.35	22.15	0.164		
	1	5		23.41	22.21	0.166		
	3	0		23.18	21.98	0.158		
	3	1		23.23	22.03	0.160		
	3	3		23.17	21.97	0.157		
	6	0		22.48	21.28	0.134		
	1	0		22.94	21.74	0.149		
	1	3		23.02	21.82	0.152		
	1	5		23.01	21.81	0.152		
	3	0		23.18	21.98	0.158		
3	1	23.22	22.02	0.159				
3	3	23.18	21.98	0.158				
6	0	22.33	21.13	0.130				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1710.7	131979	1.4	1	0	22.16	20.96	0.125
				1	3	22.16	20.96	0.125
				1	5	22.16	20.96	0.125
				3	0	22.17	20.97	0.125
				3	1	22.16	20.96	0.125
				3	3	22.16	20.96	0.125
				6	0	22.16	20.96	0.125
	1755	132422		1	0	22.42	21.22	0.132
				1	3	22.49	21.29	0.135
				1	5	22.51	21.31	0.135
				3	0	22.42	21.22	0.132
				3	1	22.42	21.22	0.132
				3	3	22.42	21.22	0.132
				6	0	22.41	21.21	0.132
	1779.3	132665		1	0	22.33	21.13	0.130
				1	3	22.33	21.13	0.130
				1	5	22.33	21.13	0.130
				3	0	22.33	21.13	0.130
				3	1	22.33	21.13	0.130
				3	3	22.27	21.07	0.128
				6	0	22.33	21.13	0.130

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	131987	3	1	0	24.04	22.84	0.192
				1	8	23.93	22.73	0.187
				1	14	24.00	22.80	0.191
				8	0	23.04	21.84	0.153
				8	4	22.96	21.76	0.150
				8	7	22.96	21.76	0.150
	15	0		23.11	21.91	0.155		
	1755	132422		1	0	24.42	23.22	0.210
				1	8	24.38	23.18	0.208
				1	14	24.34	23.14	0.206
				8	0	23.22	22.02	0.159
				8	4	23.24	22.04	0.160
				8	7	23.23	22.03	0.160
	15	0		23.26	22.06	0.161		
	1778.5	132657		1	0	24.01	22.81	0.191
				1	8	24.10	22.90	0.195
				1	14	24.11	22.91	0.195
				8	0	23.02	21.82	0.152
8			4	23.03	21.83	0.152		
8			7	23.02	21.82	0.152		
15	0	23.03	21.83	0.152				
16QAM	1711.5	131987	1	0	22.99	21.79	0.151	
			1	8	22.86	21.66	0.147	
			1	14	22.86	21.66	0.147	
			8	0	22.31	21.11	0.129	
			8	4	22.24	21.04	0.127	
			8	7	22.24	21.04	0.127	
	15	0	22.23	21.03	0.127			
	1755	132422	1	0	23.36	22.16	0.164	
			1	8	23.45	22.25	0.168	
			1	14	23.35	22.15	0.164	
			8	0	22.45	21.25	0.133	
			8	4	22.48	21.28	0.134	
			8	7	22.49	21.29	0.135	
	15	0	22.34	21.14	0.130			
	1778.5	132657	1	0	22.94	21.74	0.149	
			1	8	22.99	21.79	0.151	
			1	14	22.98	21.78	0.151	
			8	0	22.27	21.07	0.128	
8			4	22.34	21.14	0.130		
8			7	22.34	21.14	0.130		
15	0	22.18	20.98	0.125				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1711.5	131987	3	1	0	22.22	21.02	0.126
				1	8	22.23	21.03	0.127
				1	14	22.23	21.03	0.127
				8	0	22.23	21.03	0.127
				8	4	22.19	20.99	0.126
				8	7	22.23	21.03	0.127
				15	0	22.23	21.03	0.127
	1755	132422		1	0	22.35	21.15	0.130
				1	8	22.35	21.15	0.130
				1	14	22.35	21.15	0.130
				8	0	22.35	21.15	0.130
				8	4	22.35	21.15	0.130
				8	7	22.34	21.14	0.130
				15	0	22.27	21.07	0.128
	1778.5	132657		1	0	22.18	20.98	0.125
1			8	22.18	20.98	0.125		
1			14	22.18	20.98	0.125		
8			0	22.18	20.98	0.125		
8			4	22.18	20.98	0.125		
8			7	22.18	20.98	0.125		
15			0	22.18	20.98	0.125		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	131997	5	1	0	24.05	22.85	0.193
				1	12	23.80	22.60	0.182
				1	24	23.97	22.77	0.189
				12	0	23.19	21.99	0.158
				12	7	23.07	21.87	0.154
				12	13	23.06	21.86	0.153
				25	0	23.10	21.90	0.155
	1755	132422		1	0	24.17	22.97	0.198
				1	12	24.11	22.91	0.195
				1	24	24.12	22.92	0.196
				12	0	23.25	22.05	0.160
				12	7	23.21	22.01	0.159
				12	13	23.19	21.99	0.158
				25	0	23.26	22.06	0.161
	1777.5	132647		1	0	24.10	22.90	0.195
				1	12	24.08	22.88	0.194
				1	24	24.01	22.81	0.191
				12	0	23.17	21.97	0.157
				12	7	23.05	21.85	0.153
				12	13	23.04	21.84	0.153
				25	0	23.08	21.88	0.154
16QAM	1712.5	131997	1	0	22.82	21.62	0.145	
			1	12	22.67	21.47	0.140	
			1	24	22.66	21.46	0.140	
			12	0	22.00	20.80	0.120	
			12	7	21.90	20.70	0.117	
			12	13	21.91	20.71	0.118	
			25	0	21.93	20.73	0.118	
	1755	132422	1	0	22.51	21.31	0.135	
			1	12	22.58	21.38	0.137	
			1	24	22.58	21.38	0.137	
			12	0	22.22	21.02	0.126	
			12	7	22.33	21.13	0.130	
			12	13	22.32	21.12	0.129	
			25	0	22.35	21.15	0.130	
	1777.5	132647	1	0	22.77	21.57	0.144	
			1	12	22.68	21.48	0.141	
			1	24	22.75	21.55	0.143	
			12	0	22.03	20.83	0.121	
			12	7	21.96	20.76	0.119	
			12	13	21.95	20.75	0.119	
			25	0	22.17	20.97	0.125	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1712.5	131997	5	1	0	21.93	20.73	0.118
				1	12	21.93	20.73	0.118
				1	24	21.93	20.73	0.118
				12	0	21.93	20.73	0.118
				12	7	21.93	20.73	0.118
				12	13	21.93	20.73	0.118
				25	0	21.93	20.73	0.118
	1755	132422		1	0	22.34	21.14	0.130
				1	12	22.34	21.14	0.130
				1	24	22.35	21.15	0.130
				12	0	22.34	21.14	0.130
				12	7	22.34	21.14	0.130
				12	13	22.34	21.14	0.130
				25	0	22.34	21.14	0.130
	1777.5	132647		1	0	22.16	20.96	0.125
				1	12	22.30	21.10	0.129
				1	24	22.06	20.86	0.122
				12	0	22.07	20.87	0.122
				12	7	22.06	20.86	0.122
				12	13	22.30	21.10	0.129
				25	0	22.29	21.09	0.129

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	132022	10	1	0	24.08	22.88	0.194
				1	25	23.87	22.67	0.185
				1	49	23.83	22.63	0.183
				25	0	22.96	21.76	0.150
				25	12	22.88	21.68	0.147
				25	25	22.86	21.66	0.147
	50	0		22.91	21.71	0.148		
	1755	132422		1	0	24.20	23.00	0.200
				1	25	24.35	23.15	0.207
				1	49	24.39	23.19	0.208
				25	0	23.25	22.05	0.160
				25	12	23.20	22.00	0.158
				25	25	23.20	22.00	0.158
	1775	132622		50	0	23.20	22.00	0.158
				1	0	24.02	22.82	0.191
				1	25	24.06	22.86	0.193
				1	49	24.07	22.87	0.194
				25	0	23.14	21.94	0.156
25			12	23.05	21.85	0.153		
16QAM	1715	132022	25	25	23.04	21.84	0.153	
			50	0	23.06	21.86	0.153	
			1	0	23.04	21.84	0.153	
			1	25	22.81	21.61	0.145	
			1	49	22.66	21.46	0.140	
			25	0	22.31	21.11	0.129	
	1755	132422	25	12	22.23	21.03	0.127	
			25	25	22.23	21.03	0.127	
			50	0	22.12	20.92	0.124	
			1	0	23.16	21.96	0.157	
			1	25	23.23	22.03	0.160	
			1	49	23.22	22.02	0.159	
	1775	132622	25	0	22.32	21.12	0.129	
			25	12	22.42	21.22	0.132	
			25	25	22.42	21.22	0.132	
			50	0	22.37	21.17	0.131	
			1	0	23.06	21.86	0.153	
			1	25	22.90	21.70	0.148	
1775	132622	1	49	22.98	21.78	0.151		
		25	0	22.36	21.16	0.131		
		25	12	22.28	21.08	0.128		
		25	25	22.39	21.19	0.132		
		50	0	22.25	21.05	0.127		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1715	132022	10	1	0	22.14	20.94	0.124
				1	25	22.13	20.93	0.124
				1	49	22.03	20.83	0.121
				25	0	22.03	20.83	0.121
				25	12	22.03	20.83	0.121
				25	25	22.03	20.83	0.121
	1755	132422		50	0	22.03	20.83	0.121
				1	0	22.37	21.17	0.131
				1	25	22.25	21.05	0.127
				1	49	22.26	21.06	0.128
				25	0	22.26	21.06	0.128
				25	12	22.38	21.18	0.131
	1775	132622		25	25	22.38	21.18	0.131
				50	0	22.25	21.05	0.127
				1	0	22.25	21.05	0.127
				1	25	22.25	21.05	0.127
				1	49	22.25	21.05	0.127
				25	0	22.25	21.05	0.127
				25	12	22.25	21.05	0.127
				25	25	22.25	21.05	0.127
				50	0	22.25	21.05	0.127

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	132047	15	1	0	23.92	22.72	0.187
				1	37	23.72	22.52	0.179
				1	74	23.68	22.48	0.177
				36	0	22.99	21.79	0.151
				36	29	22.95	21.75	0.150
				36	30	22.94	21.74	0.149
				75	0	22.94	21.74	0.149
	1755	132422		1	0	24.08	22.88	0.194
				1	37	24.26	23.06	0.202
				1	74	24.21	23.01	0.200
				36	0	23.12	21.92	0.156
				36	29	23.07	21.87	0.154
				36	30	23.06	21.86	0.153
				75	0	23.08	21.88	0.154
	1772.5	132597		1	0	24.15	22.95	0.197
				1	37	23.95	22.75	0.188
				1	74	23.99	22.79	0.190
				36	0	23.15	21.95	0.157
				36	29	23.13	21.93	0.156
				36	30	23.11	21.91	0.155
				75	0	23.08	21.88	0.154
16QAM	1717.5	132047	1	0	23.35	22.15	0.164	
			1	37	23.18	21.98	0.158	
			1	74	23.17	21.97	0.157	
			36	0	22.08	20.88	0.122	
			36	29	22.05	20.85	0.122	
			36	30	22.05	20.85	0.122	
			75	0	21.94	20.74	0.119	
	1755	132422	1	0	23.28	22.08	0.161	
			1	37	23.40	22.20	0.166	
			1	74	23.39	22.19	0.166	
			36	0	22.34	21.14	0.130	
			36	29	22.40	21.20	0.132	
			36	30	22.40	21.20	0.132	
			75	0	22.25	21.05	0.127	
	1772.5	132597	1	0	23.54	22.34	0.171	
			1	37	23.37	22.17	0.165	
			1	74	23.41	22.21	0.166	
			36	0	22.23	21.03	0.127	
			36	29	22.26	21.06	0.128	
			36	30	22.26	21.06	0.128	
			75	0	22.24	21.04	0.127	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1717.5	132047	15	1	0	21.93	20.73	0.118
				1	37	21.93	20.73	0.118
				1	74	21.93	20.73	0.118
				36	0	22.04	20.84	0.121
				36	29	22.03	20.83	0.121
				36	30	22.03	20.83	0.121
				75	0	22.03	20.83	0.121
	1755	132422		1	0	22.26	21.06	0.128
				1	37	22.26	21.06	0.128
				1	74	22.26	21.06	0.128
				36	0	22.26	21.06	0.128
				36	29	22.26	21.06	0.128
				36	30	22.26	21.06	0.128
				75	0	22.25	21.05	0.127
	1772.5	132597		1	0	22.24	21.04	0.127
				1	37	22.24	21.04	0.127
				1	74	22.23	21.03	0.127
				36	0	22.23	21.03	0.127
				36	29	22.24	21.04	0.127
				36	30	22.24	21.04	0.127
				75	0	22.24	21.04	0.127

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	132072	20	1	0	24.10	22.90	0.195
				1	49	23.86	22.66	0.185
				1	99	23.92	22.72	0.187
				50	0	22.96	21.76	0.150
				50	24	22.81	21.61	0.145
				50	50	22.80	21.60	0.145
	100	0		22.85	21.65	0.146		
	1755	132422		1	0	24.15	22.95	0.197
				1	49	24.31	23.11	0.205
				1	99	24.37	23.17	0.207
				50	0	23.08	21.88	0.154
				50	24	23.11	21.91	0.155
				50	50	23.09	21.89	0.155
	100	0		23.16	21.96	0.157		
	1770	132572		1	0	24.29	23.09	0.204
				1	49	24.11	22.91	0.195
				1	99	24.13	22.93	0.196
				50	0	23.33	22.13	0.163
50			24	23.18	21.98	0.158		
50			50	23.17	21.97	0.157		
16QAM	1720	132072	100	0	23.25	22.05	0.160	
			1	0	23.80	22.60	0.182	
			1	49	23.58	22.38	0.173	
			1	99	23.58	22.38	0.173	
			50	0	22.07	20.87	0.122	
			50	24	21.93	20.73	0.118	
	50	50	21.93	20.73	0.118			
	100	0	22.12	20.92	0.124			
	1755	132422	1	0	23.62	22.42	0.175	
			1	49	23.80	22.60	0.182	
			1	99	23.78	22.58	0.181	
			50	0	22.18	20.98	0.125	
			50	24	22.24	21.04	0.127	
			50	50	22.24	21.04	0.127	
	100	0	22.32	21.12	0.129			
	1770	132572	1	0	23.87	22.67	0.185	
			1	49	23.80	22.60	0.182	
			1	99	23.77	22.57	0.181	
50			0	22.30	21.10	0.129		
50			24	22.25	21.05	0.127		
50			50	22.25	21.05	0.127		
100	0	22.34	21.14	0.130				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1720	132072	20	1	0	22.12	20.92	0.124
				1	49	22.11	20.91	0.123
				1	99	22.12	20.92	0.124
				50	0	22.11	20.91	0.123
				50	24	22.11	20.91	0.123
				50	50	22.11	20.91	0.123
				100	0	22.11	20.91	0.123
	1755	132422		1	0	22.32	21.12	0.129
				1	49	22.20	21.00	0.126
				1	99	22.21	21.01	0.126
				50	0	22.20	21.00	0.126
				50	24	22.20	21.00	0.126
				50	50	22.20	21.00	0.126
				100	0	22.20	21.00	0.126
	1770	132572		1	0	22.35	21.15	0.130
				1	49	22.35	21.15	0.130
				1	99	22.35	21.15	0.130
				50	0	22.34	21.14	0.130
				50	24	22.36	21.16	0.131
				50	50	22.36	21.16	0.131
				100	0	22.35	21.15	0.130