



Fig.67

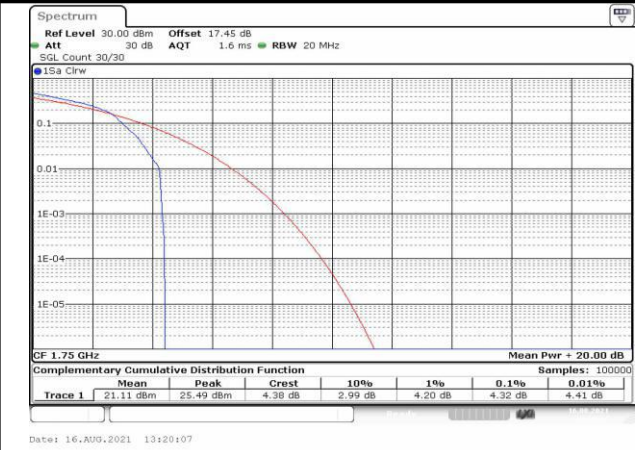


Fig.68

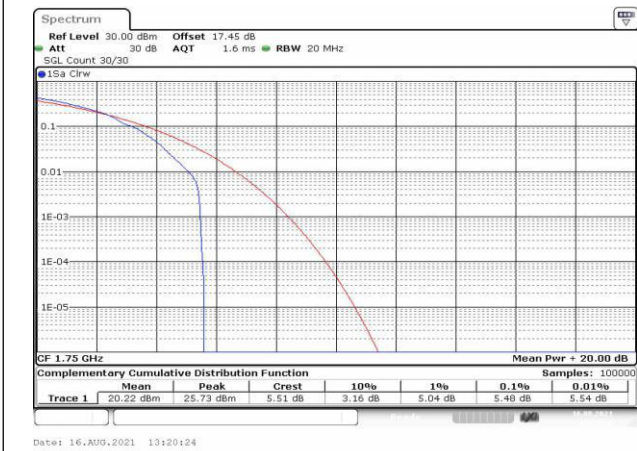


Fig.69

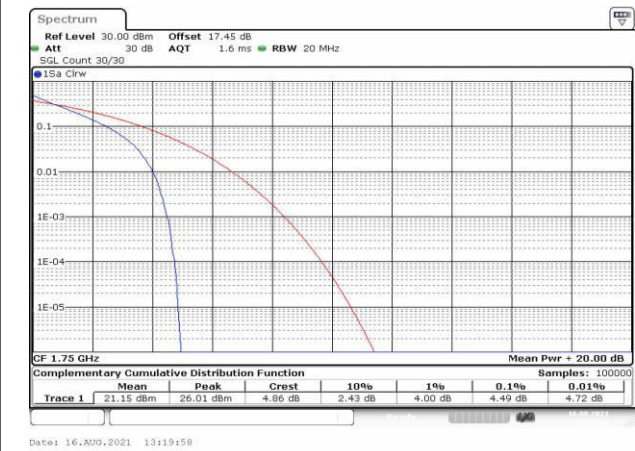


Fig.70

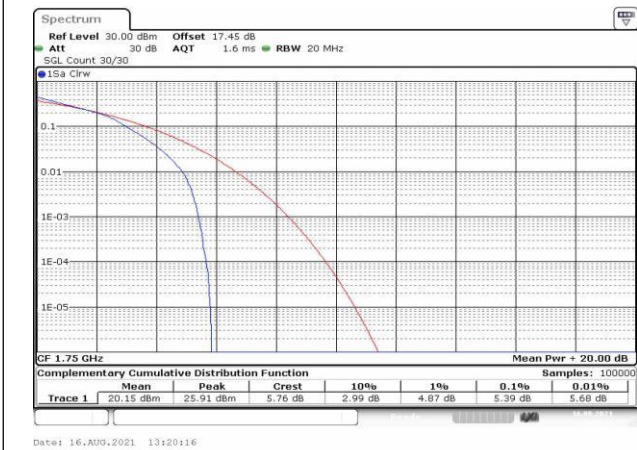


Fig.71

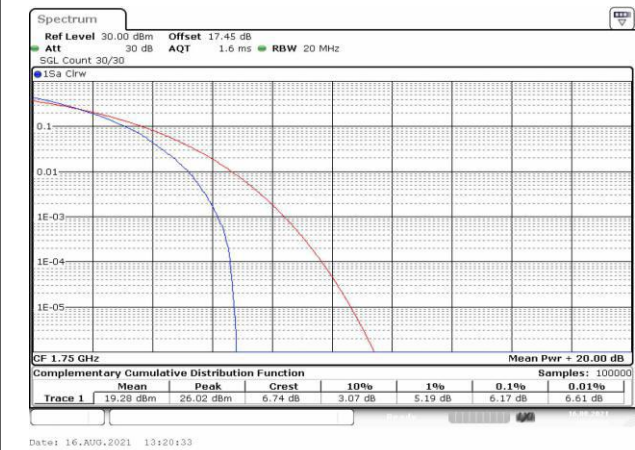


Fig.72



Fig.73



Fig.74

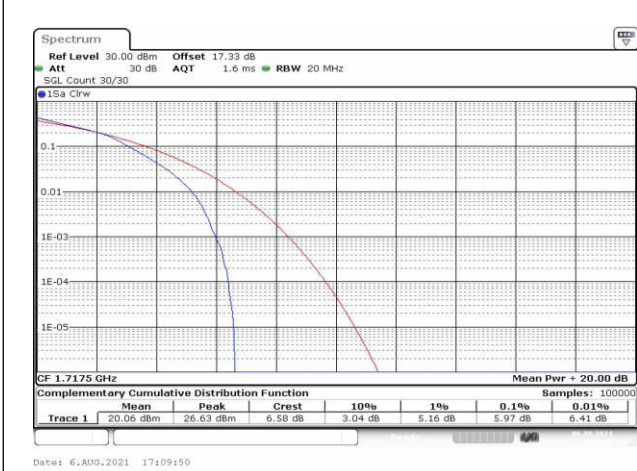


Fig.75

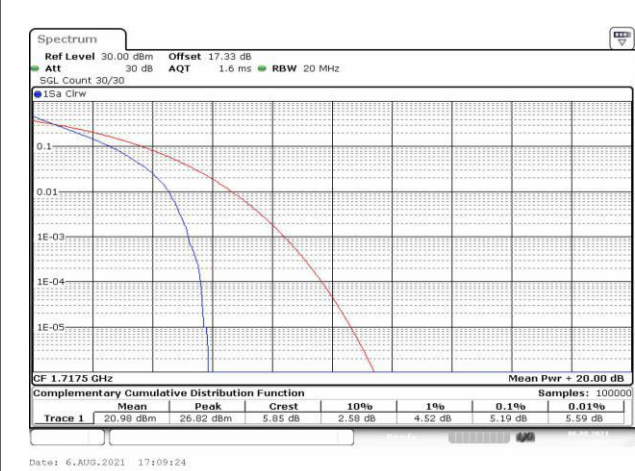


Fig.76

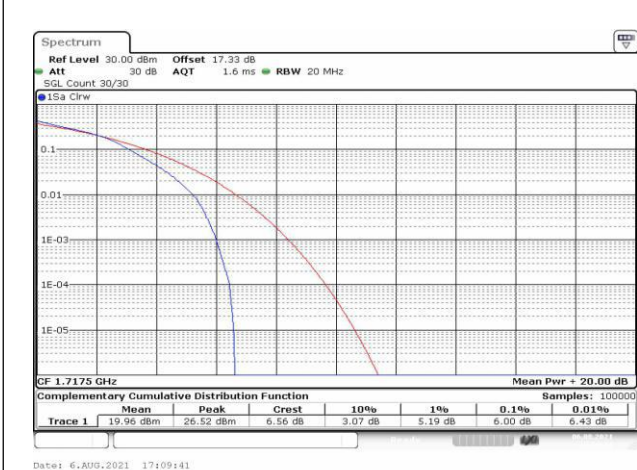


Fig.77

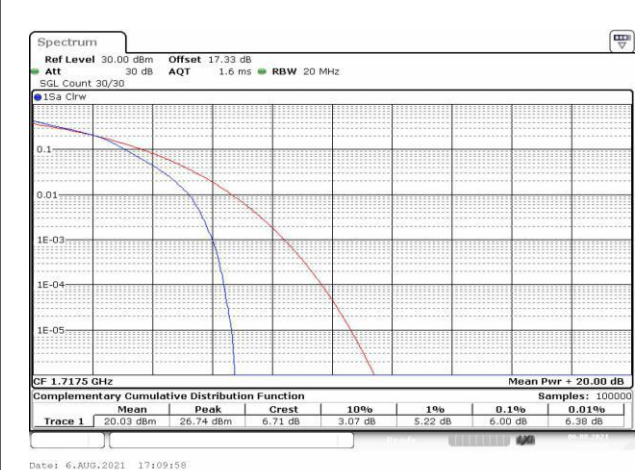


Fig.78



Fig.79

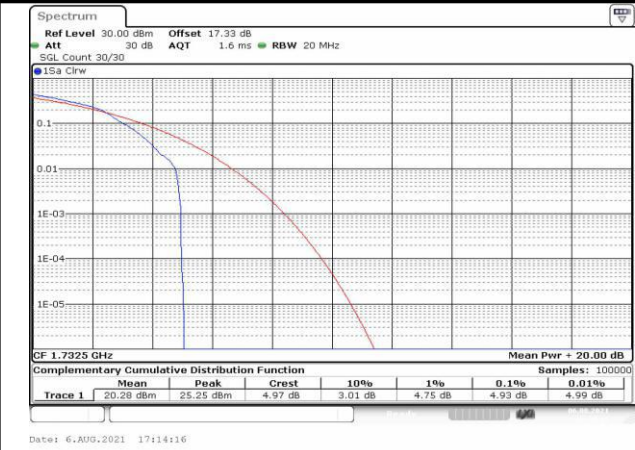


Fig.80

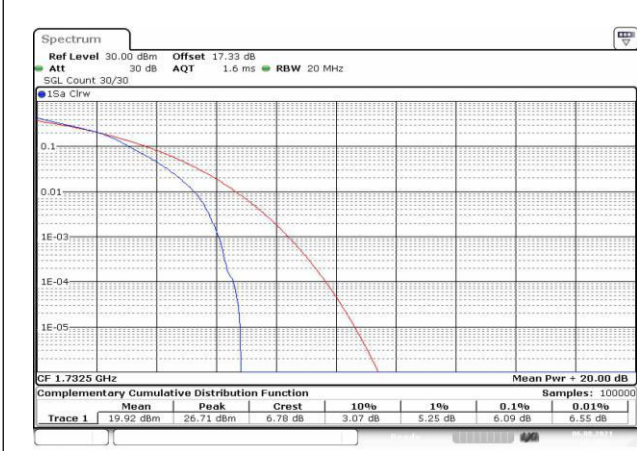


Fig.81

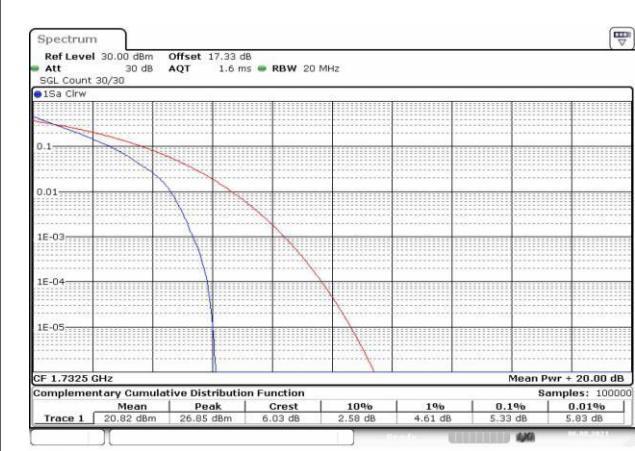


Fig.82

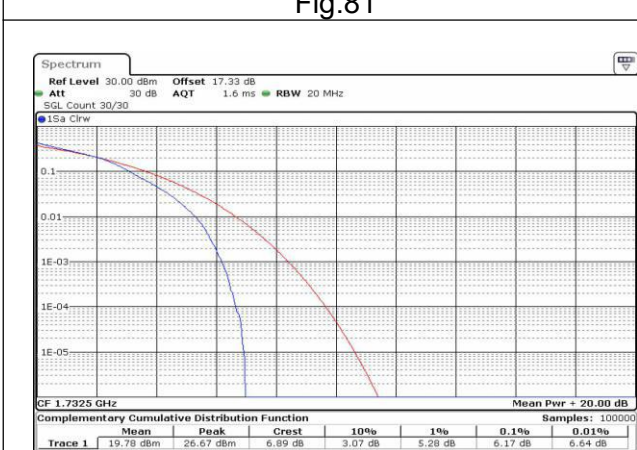


Fig.83

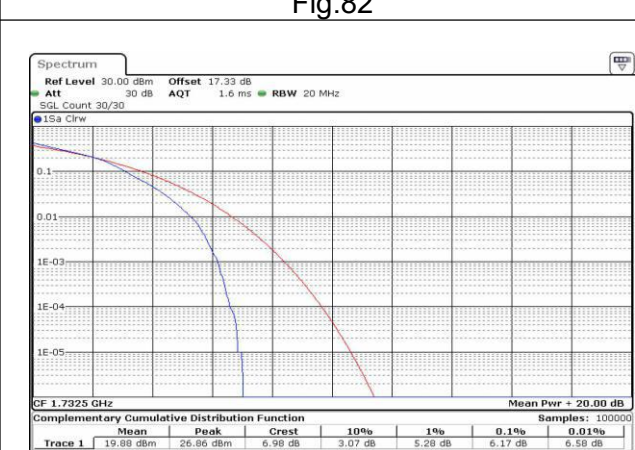


Fig.84

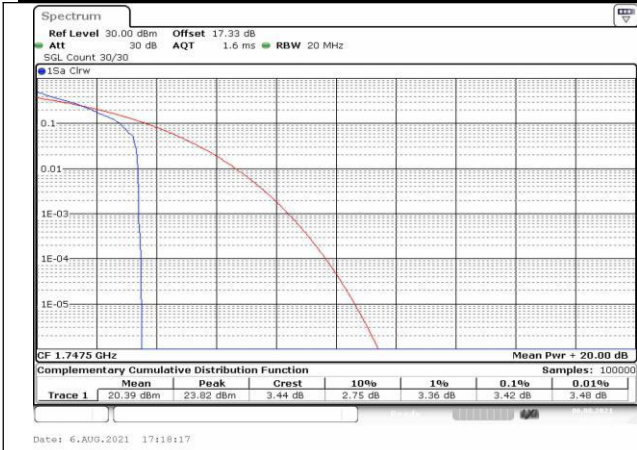


Fig.85

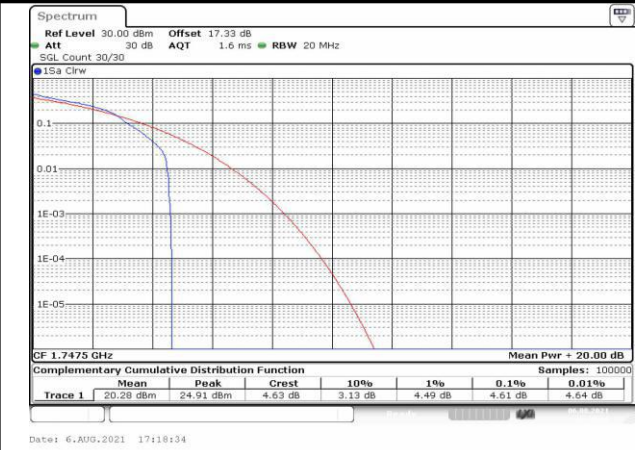


Fig.86

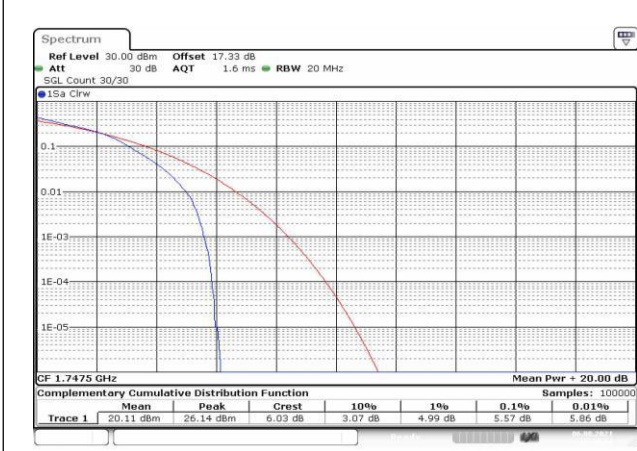


Fig.87

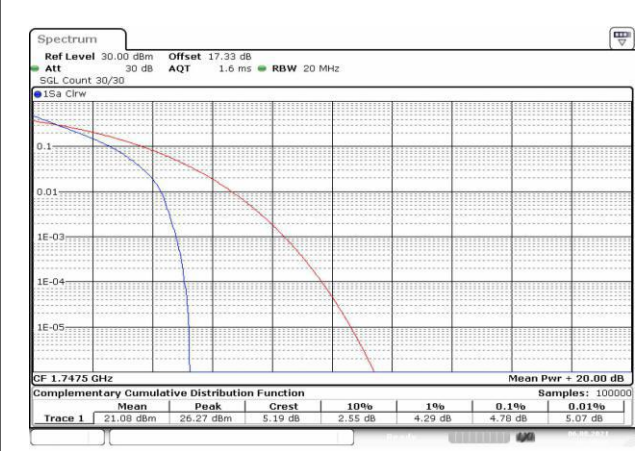


Fig.88

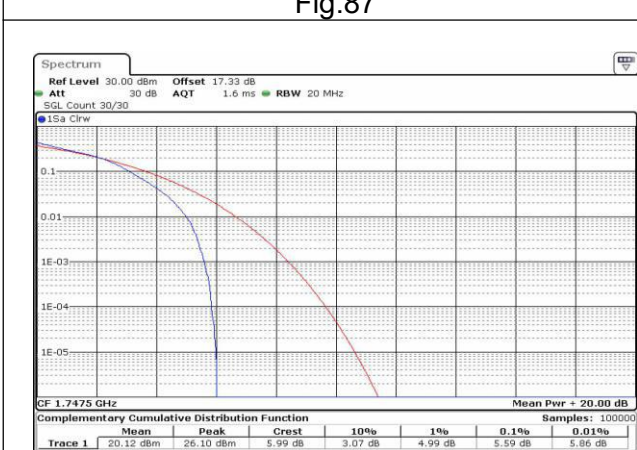


Fig.89

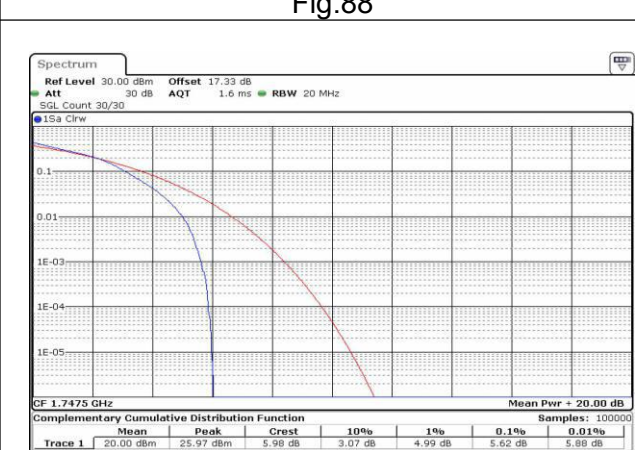


Fig.90



Fig.91



Fig.92

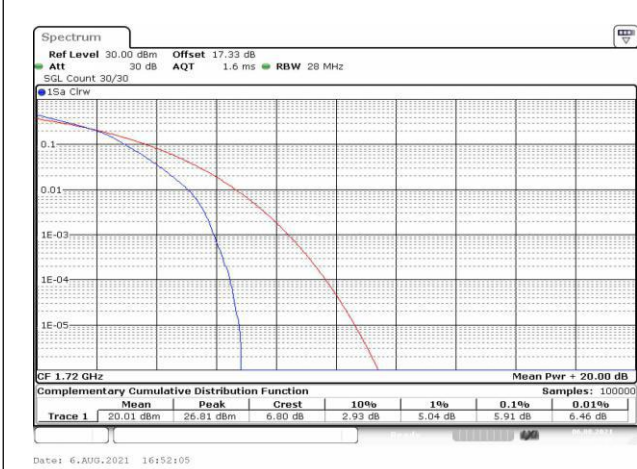


Fig.93

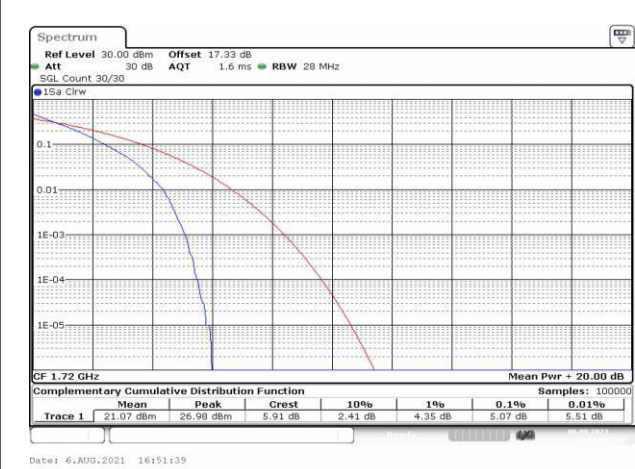


Fig.94

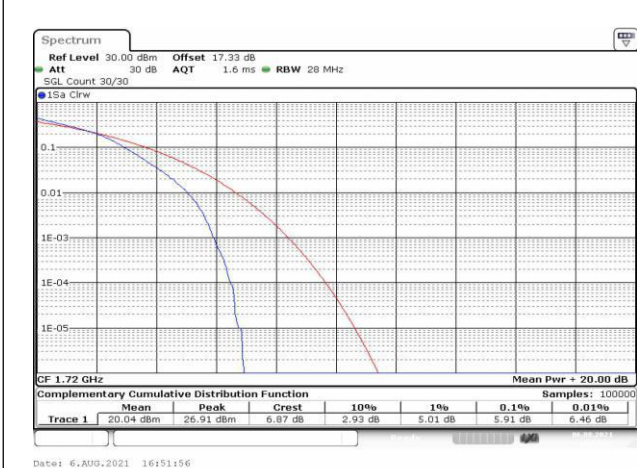


Fig.95

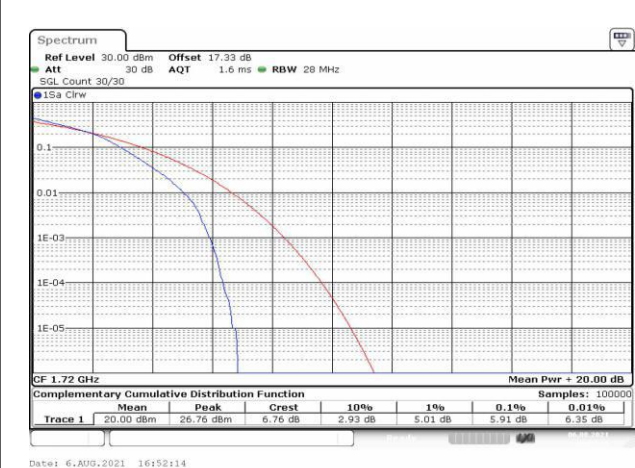


Fig.96



Fig.97

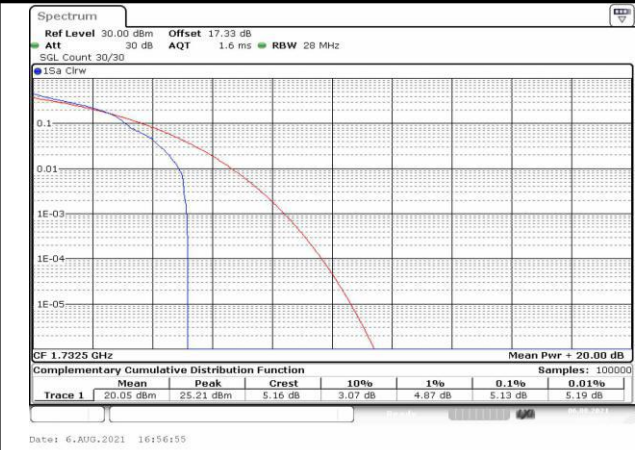


Fig.98

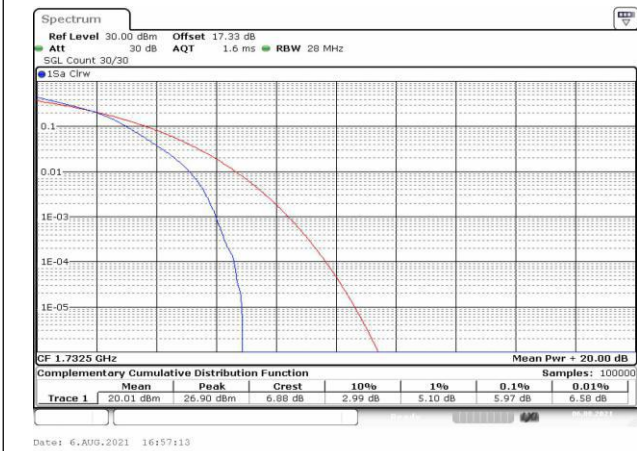


Fig.99

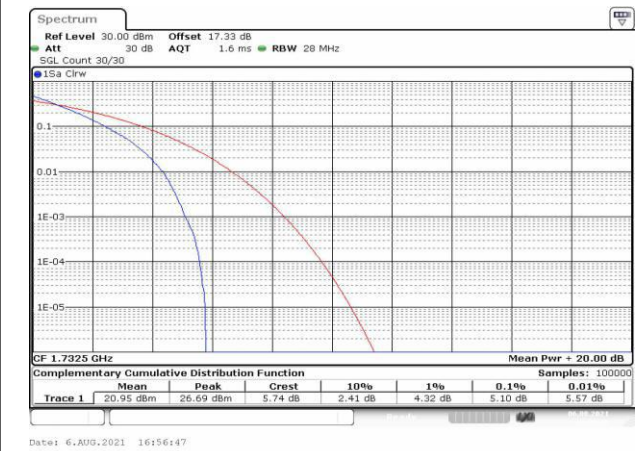


Fig.100

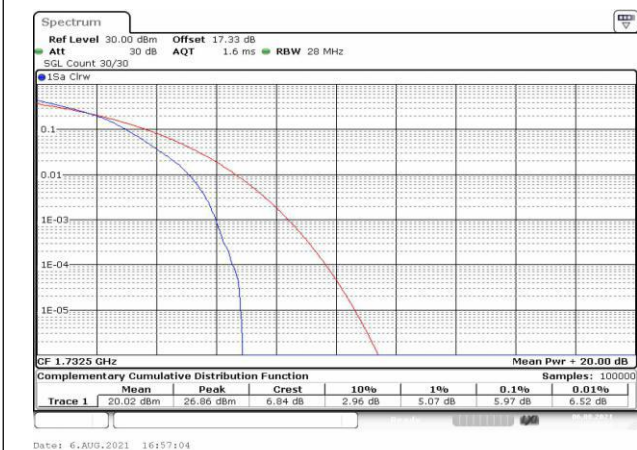


Fig.101

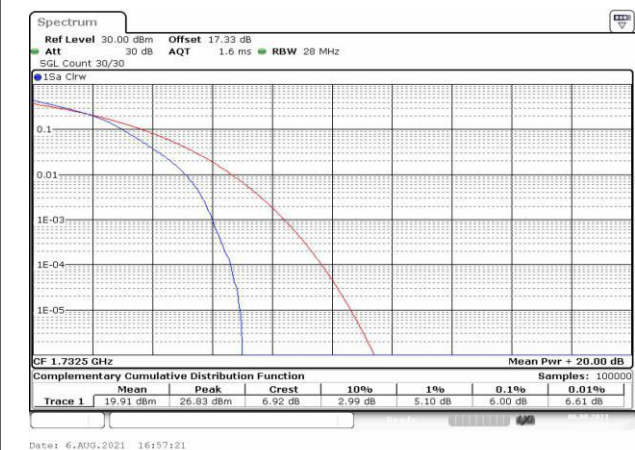


Fig.102



Fig.103

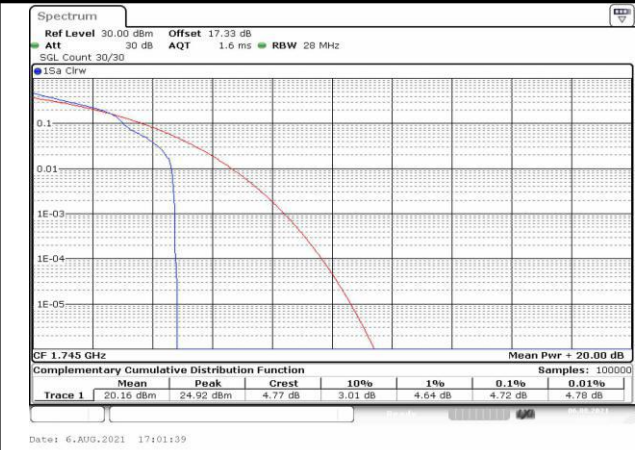


Fig.104

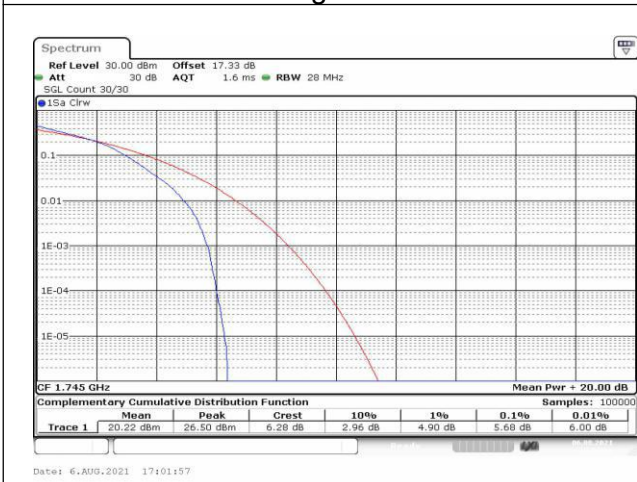


Fig.105

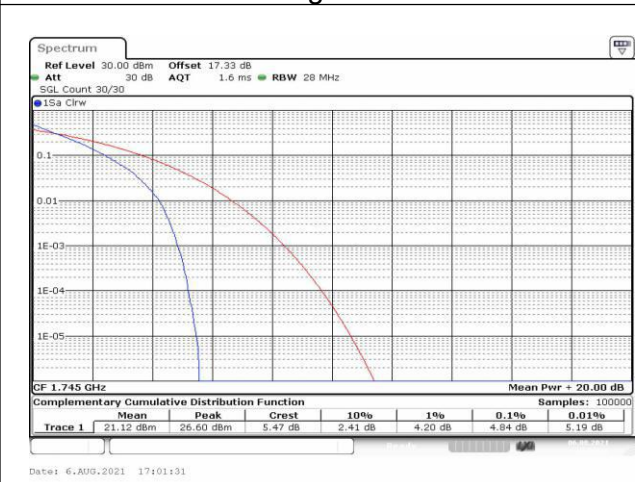


Fig.106



Fig.107

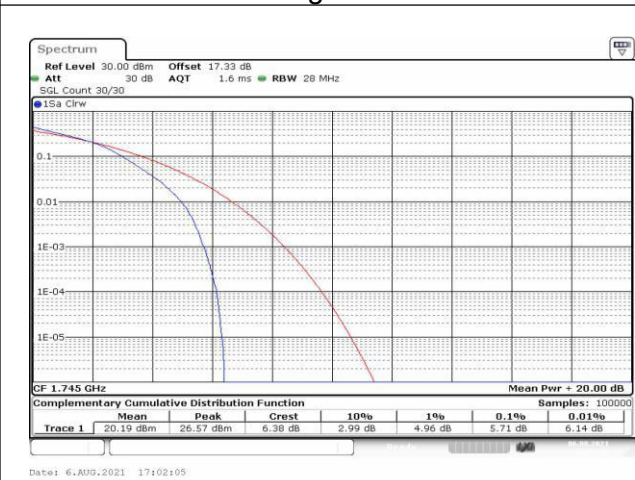


Fig.108

### 5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
4	1720	20050	20	1	0	Fig.1
	1732.5	20175		1	0	Fig.2
	1745	20300		1	0	Fig.3

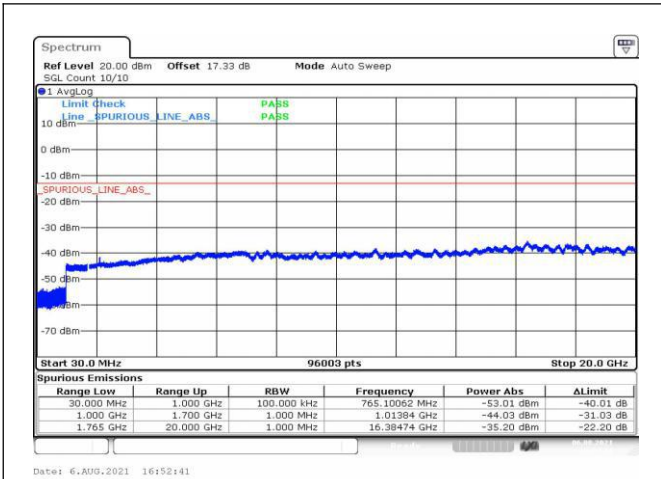


Fig.1

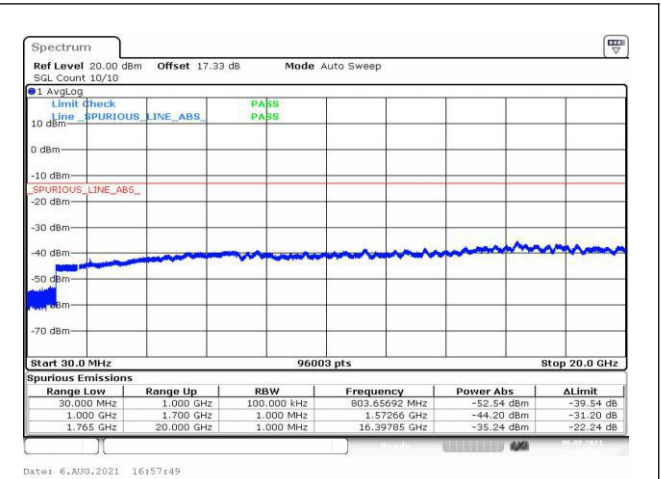


Fig.2

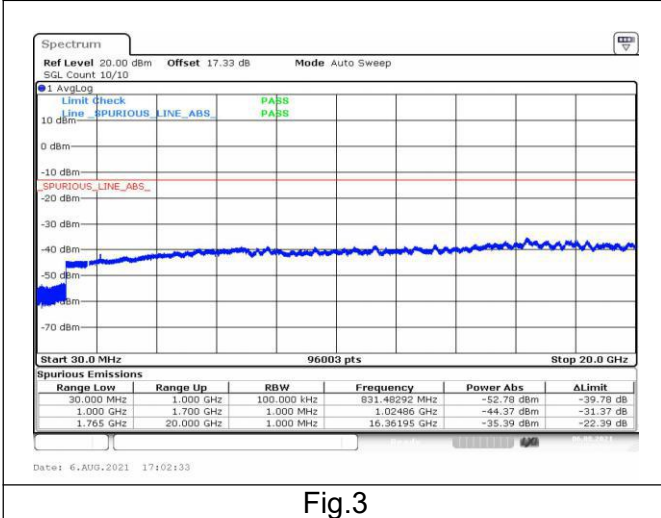


Fig.3



**6 Band Edges Compliance**

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
4	1710.7	19957	1.4	1	0	Fig.1
				6	0	Fig.2
	1754.3	20393		1	5	Fig.3
				6	0	Fig.4
	1711.5	19965	3	1	0	Fig.5
				15	0	Fig.6
				1	14	Fig.7
	1753.5	20385		15	0	Fig.8
				1712.5	19975	1
	25	0				Fig.10
	1	24	Fig.11			
	1752.5	20375	5	25	0	Fig.12
				1715	20000	1
	50	0				Fig.14
	1750	20350				1
			50	0	Fig.16	
	1717.5	20025	15	1	0	Fig.17
				75	0	Fig.18
				1	74	Fig.19
	1747.5	20325		75	0	Fig.20
				1720	20050	1
	100	0				Fig.22
	1745	20300	1			99
			100	0	Fig.24	

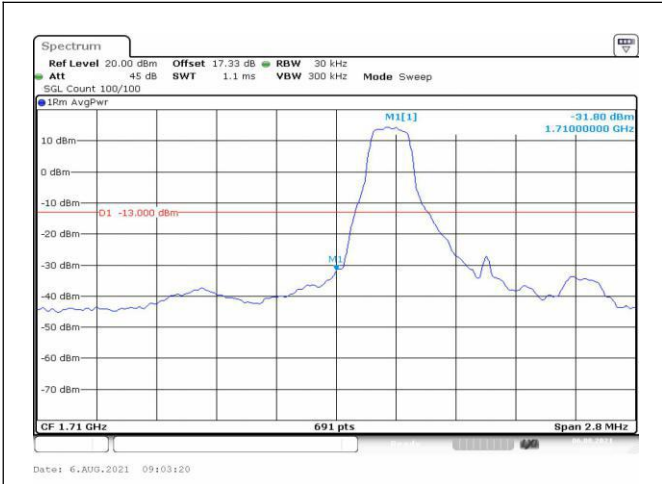


Fig.1

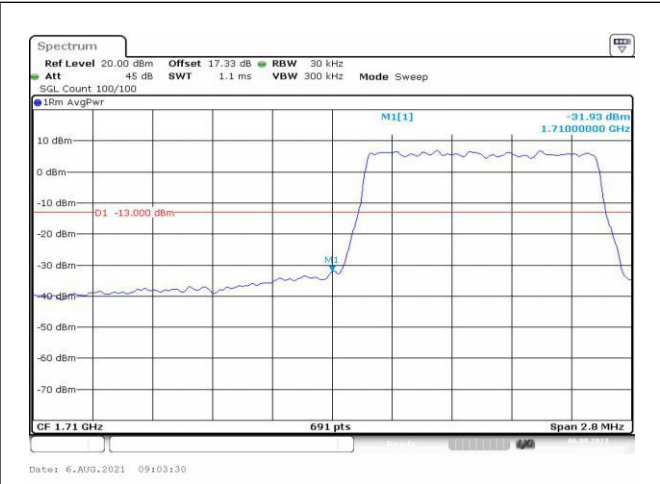


Fig.2

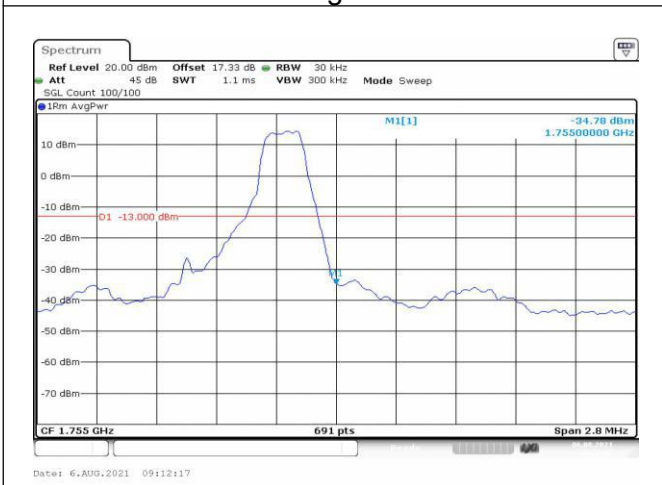


Fig.3

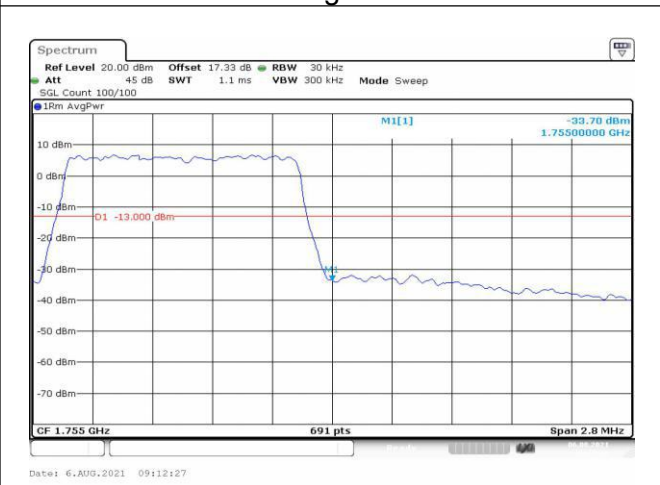


Fig.4

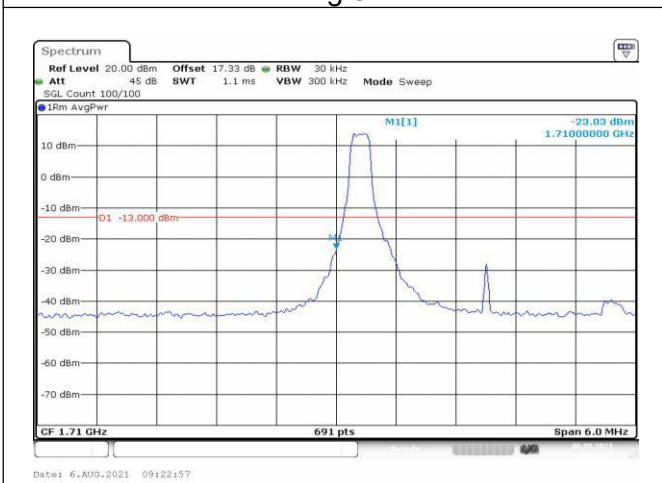


Fig.5

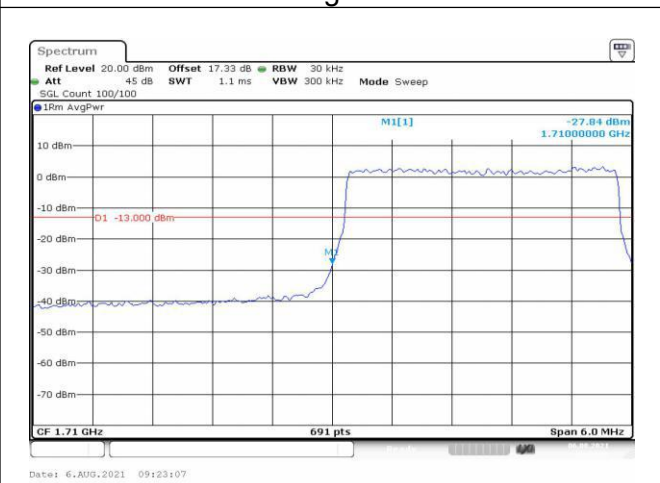


Fig.6

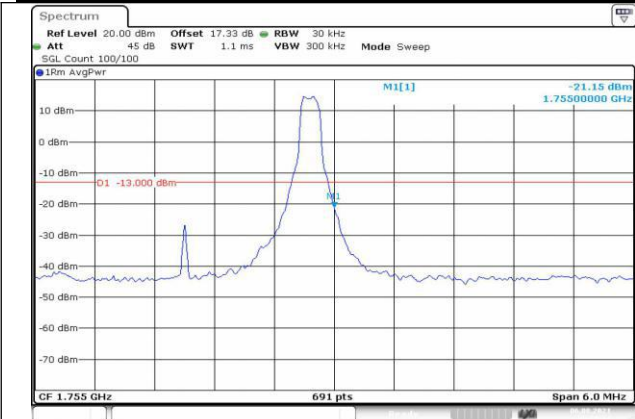


Fig.7

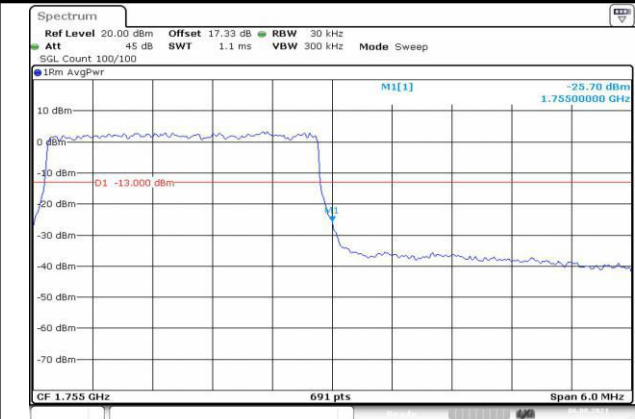


Fig.8

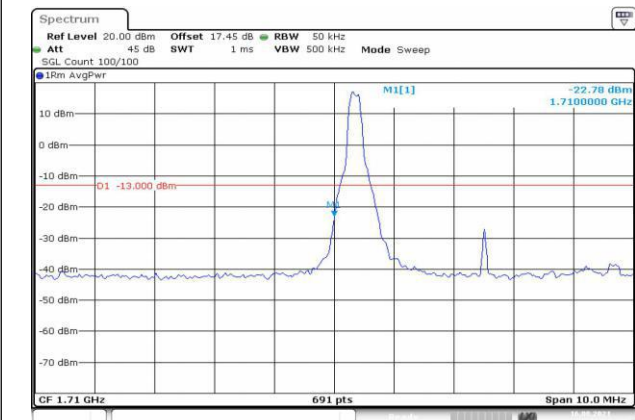


Fig.9

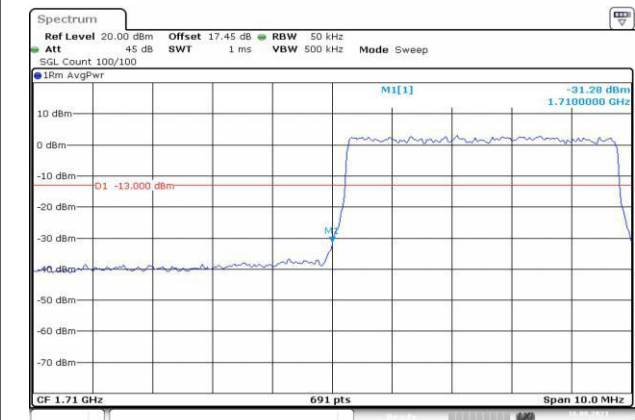


Fig.10

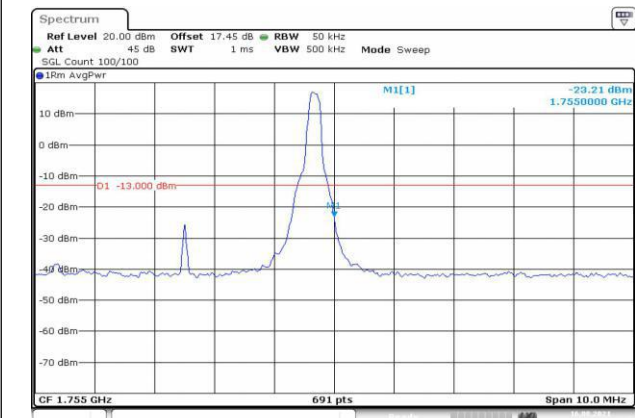


Fig.11

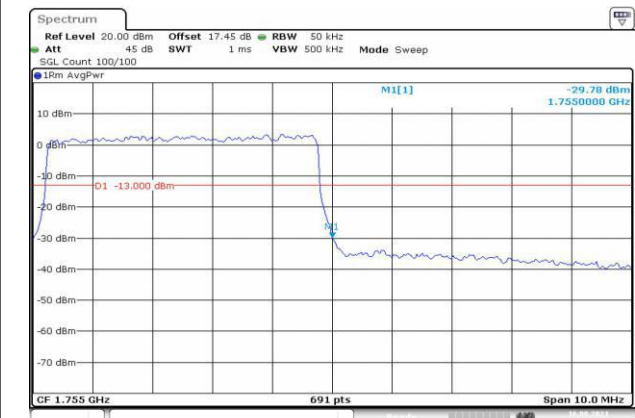


Fig.12

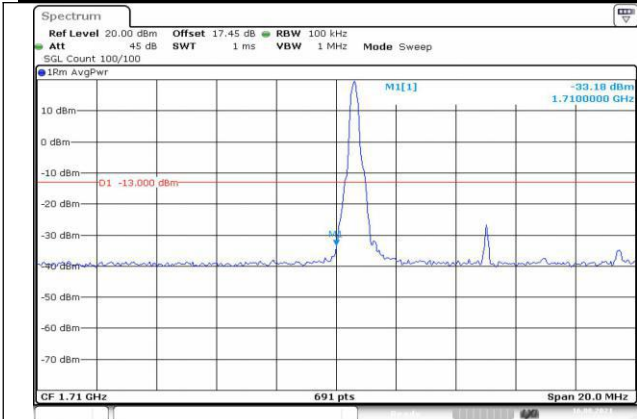


Fig.13

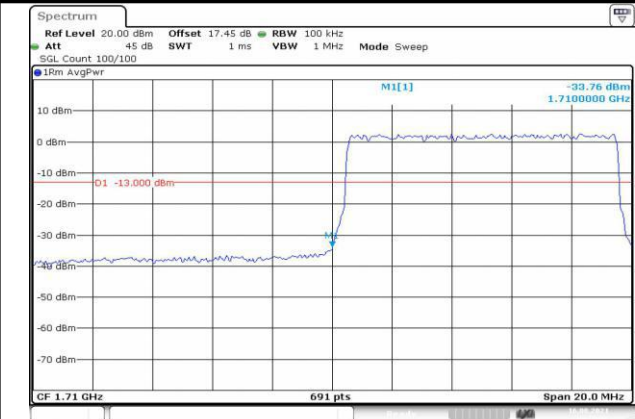


Fig.14

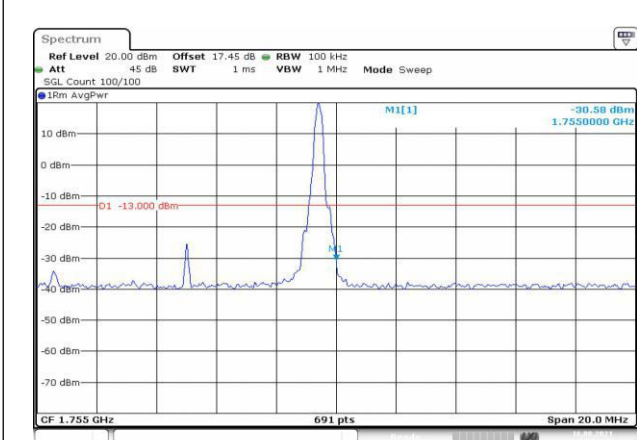


Fig.15

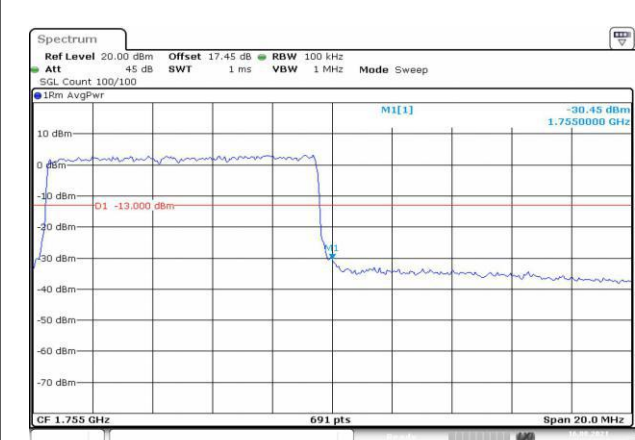


Fig.16

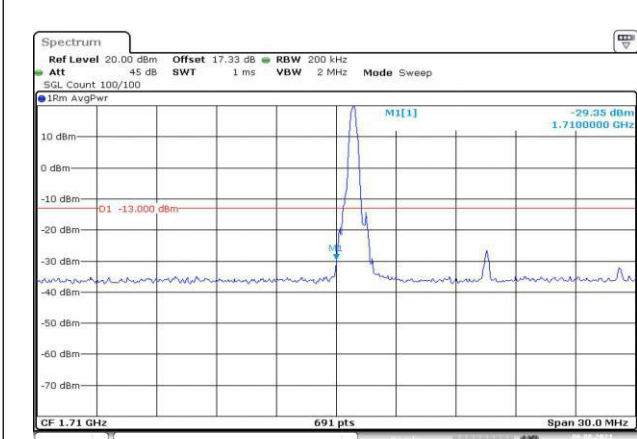


Fig.17

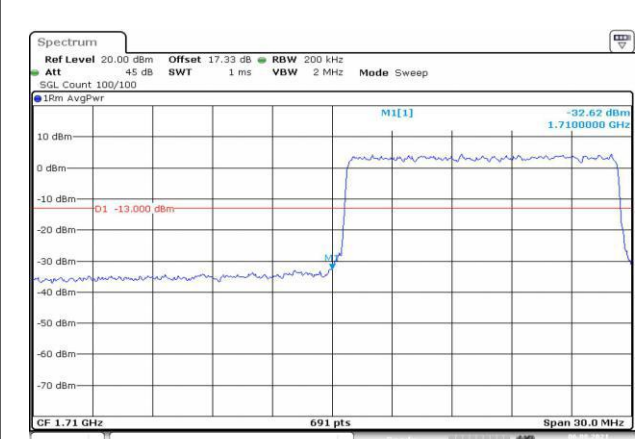


Fig.18

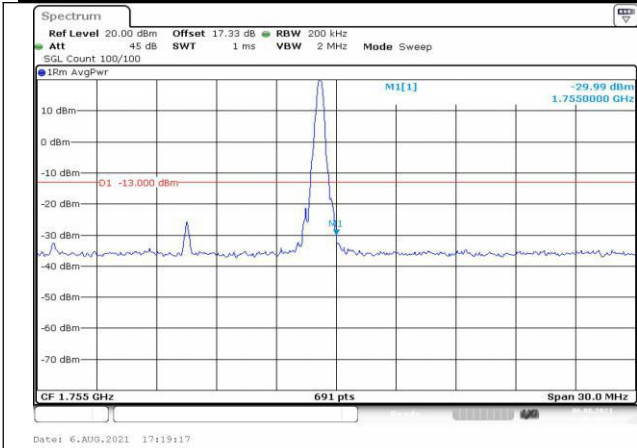


Fig.19

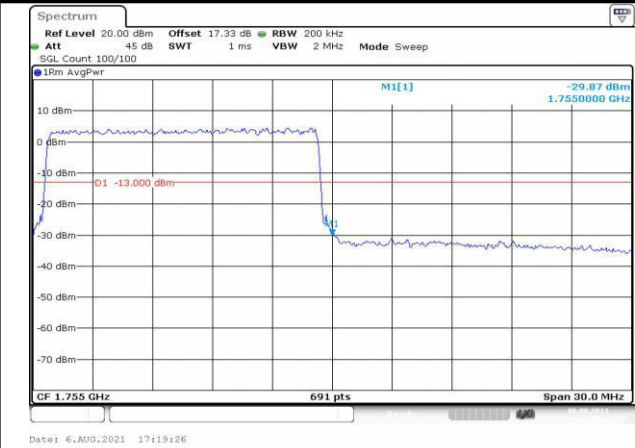


Fig.20

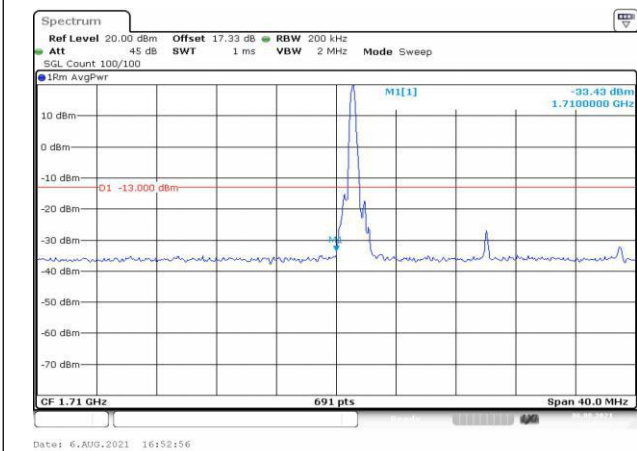


Fig.21

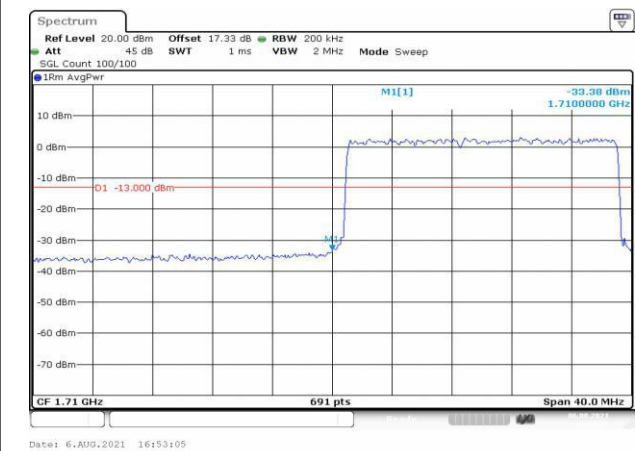


Fig.22

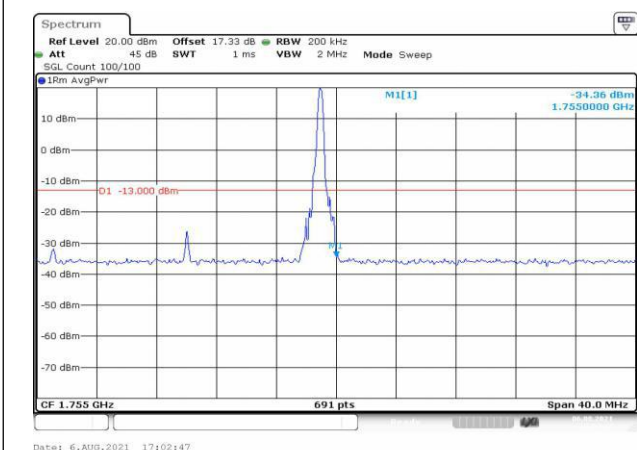


Fig.23

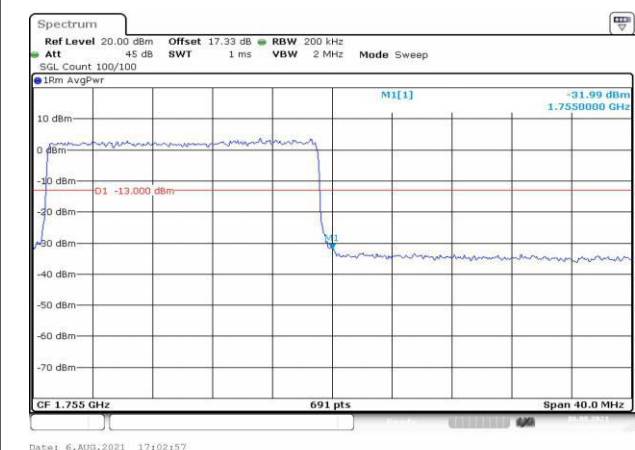


Fig.24

## 7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	0.001	0.001	0.000	0.000	0.000
0	NV	---	0.000	0.000	0.001	0.001	0.000
+10	NV	0.009	0.000	0.000	0.000	0.000	0.000
+20	NV	---	---	---	0.000	-0.001	---
+30	NV	0.000	0.000	0.000	0.000	0.000	0.000
+40	NV	-0.001	0.000	0.002	0.001	-0.001	-0.001
+50	NV	0.008	0.001	0.002	0.002	0.000	-0.001

Temperature(°C)	Voltage	Test Result (ppm) Band4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	-0.008	0.001	0.003	0.000	0.001	0.001
0	NV	0.008	0.002	0.002	0.000	0.000	0.001
+10	NV	0.001	0.002	0.001	0.001	0.001	0.001
+20	NV	---	---	---	0.002	0.000	---
+30	NV	0.007	0.001	0.000	0.000	0.000	0.000
+40	NV	-0.007	0.000	0.002	-0.002	0.001	-0.001
+50	NV	0.001	0.000	0.002	-0.001	0.000	0.002

### 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	19957	1.4	1	0	23.50	22.10	0.162
				1	3	23.60	22.20	0.166
				1	5	23.43	22.03	0.160
				3	0	23.48	22.08	0.161
				3	1	23.49	22.09	0.162
				3	3	23.53	22.13	0.163
	1732.5	20175		6	0	22.44	21.04	0.127
				1	0	23.41	22.01	0.159
				1	3	23.46	22.06	0.161
				1	5	23.45	22.05	0.160
				3	0	23.43	22.03	0.160
				3	1	23.46	22.06	0.161
	1754.3	20393		3	3	23.47	22.07	0.161
				6	0	22.47	21.07	0.128
				1	0	23.54	22.14	0.164
				1	3	23.62	22.22	0.167
				1	5	23.57	22.17	0.165
				3	0	23.51	22.11	0.163
16QAM	1710.7	19957	3	1	23.60	22.20	0.166	
			3	3	23.60	22.20	0.166	
			6	0	22.60	21.20	0.132	
			1	0	22.54	21.14	0.130	
			1	3	22.58	21.18	0.131	
			1	5	22.66	21.26	0.134	
	1732.5	20175	3	0	22.81	21.41	0.138	
			3	1	22.78	21.38	0.137	
			3	3	22.77	21.37	0.137	
			6	0	21.54	20.14	0.103	
			1	0	22.62	21.22	0.132	
			1	3	22.71	21.31	0.135	
	1754.3	20393	1	5	22.63	21.23	0.133	
			3	0	22.51	21.11	0.129	
			3	1	22.73	21.33	0.136	
			3	3	22.60	21.20	0.132	
			6	0	21.57	20.17	0.104	
			1	0	22.78	21.38	0.137	
			1	3	22.79	21.39	0.138	
			1	5	22.97	21.57	0.144	
			3	0	22.75	21.35	0.136	
			3	1	22.72	21.32	0.136	
			3	3	22.73	21.33	0.136	
			6	0	21.39	19.99	0.100	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1710.7	19957	1.4	1	0	22.03	20.63	0.116
				1	3	21.96	20.56	0.114
				1	5	21.96	20.56	0.114
				3	0	21.70	20.30	0.107
				3	1	21.77	20.37	0.109
				3	3	21.70	20.30	0.107
	1732.5	20175		6	0	20.66	19.26	0.084
				1	0	21.57	20.17	0.104
				1	3	21.60	20.20	0.105
				1	5	21.71	20.31	0.107
				3	0	21.57	20.17	0.104
				3	1	21.62	20.22	0.105
	1754.3	20393		3	3	21.73	20.33	0.108
				6	0	20.64	19.24	0.084
				1	0	21.49	20.09	0.102
				1	3	21.57	20.17	0.104
				1	5	21.59	20.19	0.104
				3	0	21.69	20.29	0.107
				3	1	21.72	20.32	0.108
				3	3	21.63	20.23	0.105
				6	0	20.52	19.12	0.082



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	19965	3	1	0	23.51	22.11	0.163
				1	8	23.52	22.12	0.163
				1	14	23.60	22.20	0.166
				8	0	22.60	21.20	0.132
				8	4	22.67	21.27	0.134
				8	7	22.66	21.26	0.134
	15	0		22.64	21.24	0.133		
	1732.5	20175		1	0	23.52	22.12	0.163
				1	8	23.54	22.14	0.164
				1	14	23.53	22.13	0.163
				8	0	22.58	21.18	0.131
				8	4	22.53	21.13	0.130
				8	7	22.48	21.08	0.128
	1753.5	20385		15	0	22.53	21.13	0.130
				1	0	23.59	22.19	0.166
1			8	23.66	22.26	0.168		
1			14	23.65	22.25	0.168		
8			0	22.68	21.28	0.134		
8			4	22.74	21.34	0.136		
16QAM	1711.5	19965	8	7	22.75	21.35	0.136	
			15	0	22.74	21.34	0.136	
			1	0	23.12	21.72	0.149	
			1	8	23.24	21.84	0.153	
			1	14	23.18	21.78	0.151	
			8	0	21.79	20.39	0.109	
	1732.5	20175	8	4	21.87	20.47	0.111	
			8	7	21.80	20.40	0.110	
			15	0	21.64	20.24	0.106	
			1	0	22.79	21.39	0.138	
			1	8	22.71	21.31	0.135	
			1	14	22.70	21.30	0.135	
	1753.5	20385	8	0	21.57	20.17	0.104	
			8	4	21.64	20.24	0.106	
			8	7	21.54	20.14	0.103	
15			0	21.50	20.10	0.102		
1			0	22.83	21.43	0.139		
1			8	22.83	21.43	0.139		
			1	14	22.94	21.54	0.143	
			8	0	21.70	20.30	0.107	
			8	4	21.77	20.37	0.109	
			8	7	21.77	20.37	0.109	
			15	0	21.81	20.41	0.110	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1711.5	19965	3	1	0	21.92	20.52	0.113
				1	8	21.92	20.52	0.113
				1	14	21.96	20.56	0.114
				8	0	20.83	19.43	0.088
				8	4	20.71	19.31	0.085
				8	7	20.77	19.37	0.086
				15	0	20.65	19.25	0.084
	1732.5	20175		1	0	21.61	20.21	0.105
				1	8	21.65	20.25	0.106
				1	14	21.58	20.18	0.104
				8	0	20.49	19.09	0.081
				8	4	20.40	19.00	0.079
				8	7	20.47	19.07	0.081
				15	0	20.75	19.35	0.086
	1753.5	20385		1	0	21.53	20.13	0.103
				1	8	21.66	20.26	0.106
				1	14	21.58	20.18	0.104
				8	0	20.67	19.27	0.085
				8	4	20.75	19.35	0.086
				8	7	20.76	19.36	0.086
				15	0	20.73	19.33	0.086

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	19975	5	1	0	23.58	22.18	0.165
				1	12	23.48	22.08	0.161
				1	24	23.55	22.15	0.164
				12	0	22.58	21.18	0.131
				12	7	22.67	21.27	0.134
				12	13	22.66	21.26	0.134
	25	0		22.67	21.27	0.134		
	1	0		23.39	21.99	0.158		
	1	12		23.43	22.03	0.160		
	1	24		23.46	22.06	0.161		
	12	0		22.48	21.08	0.128		
	12	7		22.50	21.10	0.129		
	12	13		22.49	21.09	0.129		
	25	0		22.48	21.08	0.128		
	1	0		23.49	22.09	0.162		
	1	12		23.75	22.35	0.172		
	1	24		23.54	22.14	0.164		
	12	0		22.69	21.29	0.135		
12	7	22.78	21.38	0.137				
12	13	22.78	21.38	0.137				
25	0	22.78	21.38	0.137				
16QAM	1712.5	19975	1	0	22.30	20.90	0.123	
			1	12	22.83	21.43	0.139	
			1	24	22.57	21.17	0.131	
			12	0	21.56	20.16	0.104	
			12	7	21.63	20.23	0.105	
			12	13	21.62	20.22	0.105	
	25	0	21.68	20.28	0.107			
	1	0	22.47	21.07	0.128			
	1	12	22.39	20.99	0.126			
	1	24	22.57	21.17	0.131			
	12	0	21.48	20.08	0.102			
	12	7	21.38	19.98	0.100			
	12	13	21.38	19.98	0.100			
	25	0	21.46	20.06	0.101			
	1	0	22.99	21.59	0.144			
	1	12	23.04	21.64	0.146			
	1	24	22.94	21.54	0.143			
	12	0	21.78	20.38	0.109			
12	7	21.83	20.43	0.110				
12	13	21.87	20.47	0.111				
25	0	21.76	20.36	0.109				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1712.5	19975	5	1	0	21.59	20.19	0.104
				1	12	21.68	20.28	0.107
				1	24	21.69	20.29	0.107
				12	0	20.73	19.33	0.086
				12	7	20.77	19.37	0.086
				12	13	20.80	19.40	0.087
				25	0	20.67	19.27	0.085
	1732.5	20175		1	0	21.43	20.03	0.101
				1	12	21.47	20.07	0.102
				1	24	21.51	20.11	0.103
				12	0	20.51	19.11	0.081
				12	7	20.42	19.02	0.080
				12	13	20.48	19.08	0.081
				25	0	20.49	19.09	0.081
	1752.5	20375		1	0	21.70	20.30	0.107
				1	12	21.88	20.48	0.112
				1	24	21.95	20.55	0.114
				12	0	20.67	19.27	0.085
				12	7	20.88	19.48	0.089
				12	13	20.89	19.49	0.089
				25	0	20.78	19.38	0.087

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	20000	10	1	0	23.47	22.07	0.161
				1	25	23.42	22.02	0.159
				1	49	23.44	22.04	0.160
				25	0	22.62	21.22	0.132
				25	12	22.54	21.14	0.130
				25	25	22.56	21.16	0.131
	1732.5	20175		50	0	22.50	21.10	0.129
				1	0	23.37	21.97	0.157
				1	25	23.49	22.09	0.162
				1	49	23.54	22.14	0.164
				25	0	22.52	21.12	0.129
				25	12	22.53	21.13	0.130
	1750	20350		25	25	22.55	21.15	0.130
				50	0	22.49	21.09	0.129
				1	0	23.46	22.06	0.161
				1	25	23.67	22.27	0.169
				1	49	23.60	22.20	0.166
				25	0	22.63	21.23	0.133
16QAM	1715	20000	25	12	22.78	21.38	0.137	
			25	25	22.80	21.40	0.138	
			50	0	22.76	21.36	0.137	
			1	0	22.72	21.32	0.136	
			1	25	22.58	21.18	0.131	
			1	49	22.68	21.28	0.134	
	1732.5	20175	25	0	21.69	20.29	0.107	
			25	12	21.66	20.26	0.106	
			25	25	21.63	20.23	0.105	
			50	0	21.38	19.98	0.100	
			1	0	23.13	21.73	0.149	
			1	25	23.23	21.83	0.152	
	1750	20350	1	49	23.34	21.94	0.156	
			25	0	21.59	20.19	0.104	
			25	12	21.56	20.16	0.104	
			25	25	21.50	20.10	0.102	
			50	0	21.46	20.06	0.101	
			1	0	22.92	21.52	0.142	
			1	25	22.92	21.52	0.142	
			1	49	22.77	21.37	0.137	
			25	0	21.70	20.30	0.107	
			25	12	21.77	20.37	0.109	
			25	25	21.66	20.26	0.106	
			50	0	21.66	20.26	0.106	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1715	20000	10	1	0	21.42	20.02	0.100
				1	25	21.43	20.03	0.101
				1	49	21.31	19.91	0.098
				25	0	20.71	19.31	0.085
				25	12	20.66	19.26	0.084
				25	25	20.65	19.25	0.084
				50	0	20.60	19.20	0.083
	1732.5	20175		1	0	22.05	20.65	0.116
				1	25	21.74	20.34	0.108
				1	49	21.79	20.39	0.109
				25	0	20.57	19.17	0.083
				25	12	20.48	19.08	0.081
				25	25	20.57	19.17	0.083
				50	0	20.49	19.09	0.081
	1750	20350		1	0	21.40	20.00	0.100
				1	25	21.62	20.22	0.105
				1	49	21.86	20.46	0.111
				25	0	20.71	19.31	0.085
				25	12	20.90	19.50	0.089
				25	25	20.84	19.44	0.088
				50	0	20.73	19.33	0.086

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	20025	15	1	0	23.48	22.08	0.161
				1	37	23.27	21.87	0.154
				1	74	23.26	21.86	0.153
				36	0	22.53	21.13	0.130
				36	29	22.41	21.01	0.126
				36	30	22.27	20.87	0.122
	1732.5	20175		75	0	22.46	21.06	0.128
				1	0	23.25	21.85	0.153
				1	37	23.36	21.96	0.157
				1	74	23.33	21.93	0.156
				36	0	22.48	21.08	0.128
				36	29	22.44	21.04	0.127
	1747.5	20325		36	30	22.31	20.91	0.123
				75	0	22.35	20.95	0.124
				1	0	23.46	22.06	0.161
1			37	23.51	22.11	0.163		
1			74	23.51	22.11	0.163		
36			0	22.65	21.25	0.133		
16QAM	1717.5	20025	36	29	22.66	21.26	0.134	
			36	30	22.65	21.25	0.133	
			75	0	22.60	21.20	0.132	
			1	0	23.06	21.66	0.147	
			1	37	22.94	21.54	0.143	
			1	74	22.77	21.37	0.137	
	1732.5	20175	36	0	21.52	20.12	0.103	
			36	29	21.32	19.92	0.098	
			36	30	21.41	20.01	0.100	
			75	0	21.42	20.02	0.100	
			1	0	23.11	21.71	0.148	
			1	37	23.12	21.72	0.149	
	1747.5	20325	1	74	23.07	21.67	0.147	
			36	0	21.50	20.10	0.102	
			36	29	21.44	20.04	0.101	
36			30	21.46	20.06	0.101		
75			0	21.40	20.00	0.100		
1			0	22.78	21.38	0.137		
			1	37	22.97	21.57	0.144	
			1	74	23.07	21.67	0.147	
			36	0	21.61	20.21	0.105	
			36	29	21.63	20.23	0.105	
			36	30	21.63	20.23	0.105	
			75	0	21.62	20.22	0.105	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1717.5	20025	15	1	0	21.83	20.43	0.110
				1	37	21.63	20.23	0.105
				1	74	21.67	20.27	0.106
				36	0	20.59	19.19	0.083
				36	29	20.40	19.00	0.079
				36	30	20.37	18.97	0.079
				75	0	20.55	19.15	0.082
	1	0		21.76	20.36	0.109		
	1	37		21.73	20.33	0.108		
	1	74		21.77	20.37	0.109		
	36	0		20.55	19.15	0.082		
	36	29		20.41	19.01	0.080		
	36	30		20.44	19.04	0.080		
	75	0		20.36	18.96	0.079		
	1	0		21.53	20.13	0.103		
	1	37		21.54	20.14	0.103		
	1	74		21.67	20.27	0.106		
	36	0		20.66	19.26	0.084		
	36	29		20.67	19.27	0.085		
	36	30		20.68	19.28	0.085		
	75	0		20.63	19.23	0.084		



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	20050	20	1	0	23.42	22.02	0.159
				1	49	23.29	21.89	0.155
				1	99	23.32	21.92	0.156
				50	0	22.56	21.16	0.131
				50	24	22.42	21.02	0.126
				50	50	22.37	20.97	0.125
	1732.5	20175		100	0	22.43	21.03	0.127
				1	0	23.48	22.08	0.161
				1	49	23.48	22.08	0.161
				1	99	23.48	22.08	0.161
				50	0	22.47	21.07	0.128
				50	24	22.33	20.93	0.124
	1745	20300		50	50	22.38	20.98	0.125
				100	0	22.45	21.05	0.127
				1	0	23.44	22.04	0.160
				1	49	23.57	22.17	0.165
				1	99	23.45	22.05	0.160
				50	0	22.56	21.16	0.131
16QAM	1720	20050	50	24	22.59	21.19	0.132	
			50	50	22.55	21.15	0.130	
			100	0	22.57	21.17	0.131	
			1	0	22.83	21.43	0.139	
			1	49	22.73	21.33	0.136	
			1	99	22.79	21.39	0.138	
	1732.5	20175	50	0	21.54	20.14	0.103	
			50	24	21.33	19.93	0.098	
			50	50	21.26	19.86	0.097	
			100	0	21.44	20.04	0.101	
			1	0	22.88	21.48	0.141	
			1	49	22.81	21.41	0.138	
	1745	20300	1	99	22.77	21.37	0.137	
			50	0	21.53	20.13	0.103	
			50	24	21.43	20.03	0.101	
			50	50	21.32	19.92	0.098	
			100	0	21.31	19.91	0.098	
			1	0	23.08	21.68	0.147	
			1	49	22.82	21.42	0.139	
			1	99	22.53	21.13	0.130	
			50	0	21.56	20.16	0.104	
			50	24	21.57	20.17	0.104	
			50	50	21.52	20.12	0.103	
			100	0	21.61	20.21	0.105	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	1720	20050	20	1	0	21.65	20.25	0.106
				1	49	21.58	20.18	0.104
				1	99	21.68	20.28	0.107
				50	0	20.59	19.19	0.083
				50	24	20.38	18.98	0.079
				50	50	20.38	18.98	0.079
				100	0	20.48	19.08	0.081
	1732.5	20175		1	0	21.79	20.39	0.109
				1	49	21.95	20.55	0.114
				1	99	21.74	20.34	0.108
				50	0	20.53	19.13	0.082
				50	24	20.38	18.98	0.079
				50	50	20.43	19.03	0.080
				100	0	20.39	18.99	0.079
	1745	20300		1	0	21.45	20.05	0.101
				1	49	21.37	19.97	0.099
				1	99	21.39	19.99	0.100
				50	0	20.59	19.19	0.083
				50	24	20.64	19.24	0.084
				50	50	20.56	19.16	0.082
				100	0	20.55	19.15	0.082