

Fig.7

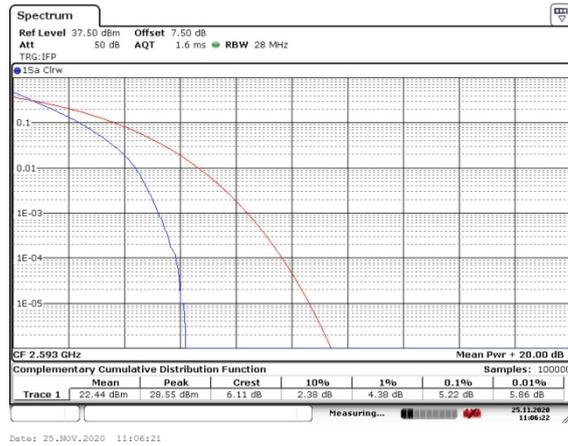


Fig.8

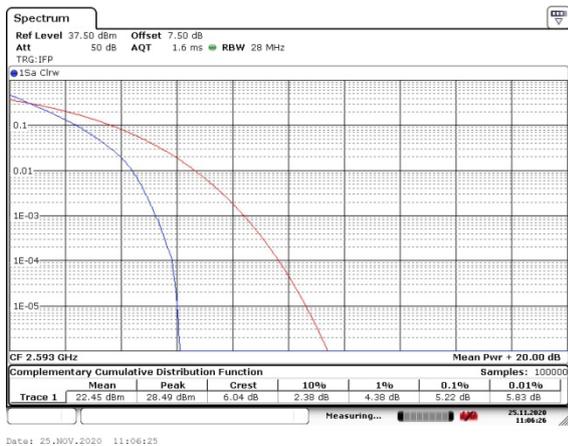


Fig.9

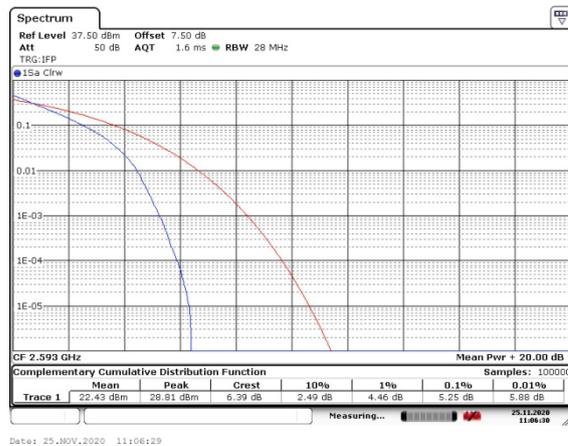


Fig.10

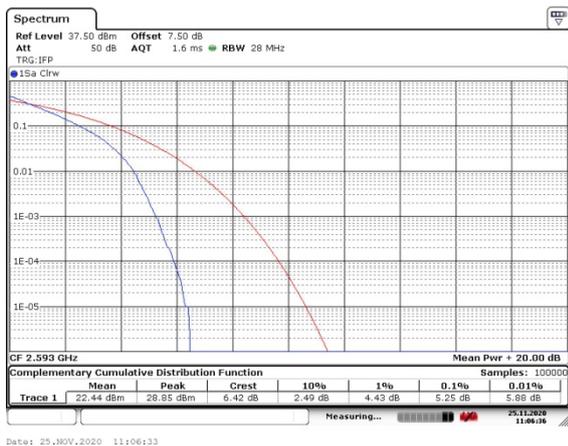


Fig.11

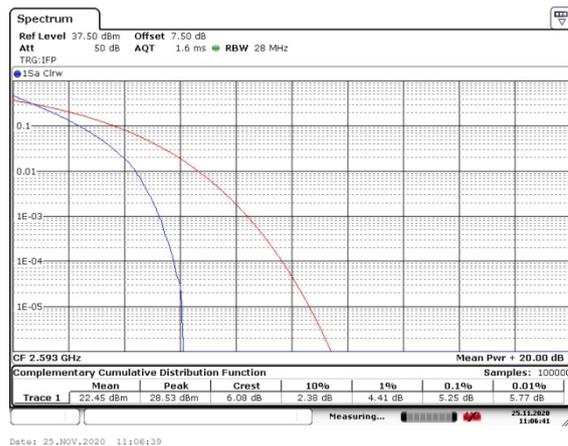


Fig.12

Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
41	2506	39750	20	1	99	Fig.1
	2593	40620		1	99	Fig.2
	2680	41490		1	99	Fig.3

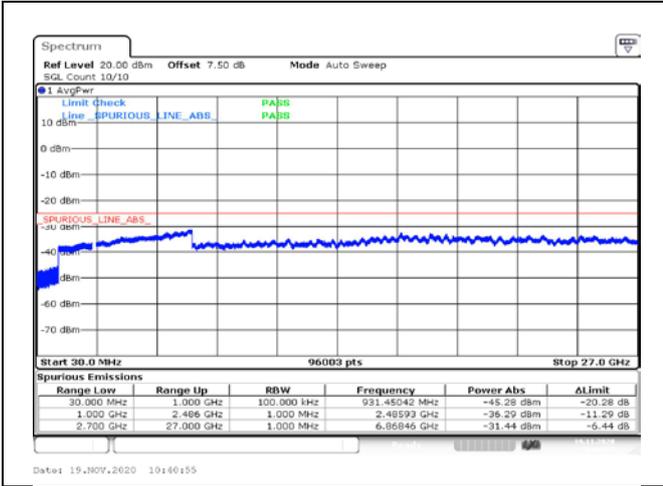


Fig.1

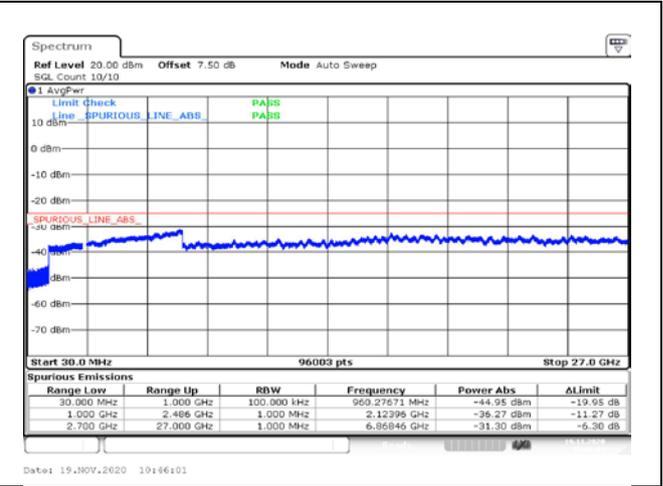


Fig.2

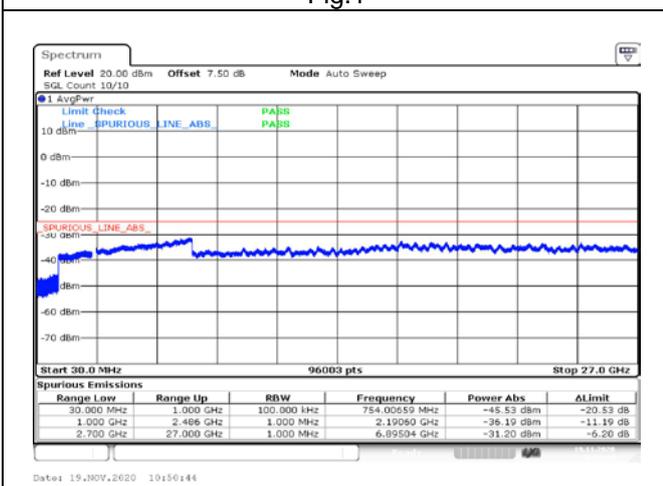


Fig.3

Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
41	2498.5	39675	5	1	0	Fig.1
				25	0	Fig.2
	2687.5	41565		1	24	Fig.3
				25	0	Fig.4
	2501	39700	10	1	0	Fig.5
				50	0	Fig.6
	2685	41540		1	49	Fig.7
				50	0	Fig.8
	2507.5	39725	15	1	0	Fig.9
				75	0	Fig.10
	2682.5	41515		1	74	Fig.11
				75	0	Fig.12
	2506	39750	20	1	0	Fig.13
				100	0	Fig.14
	2680	41490		1	99	Fig.15
				100	0	Fig.16

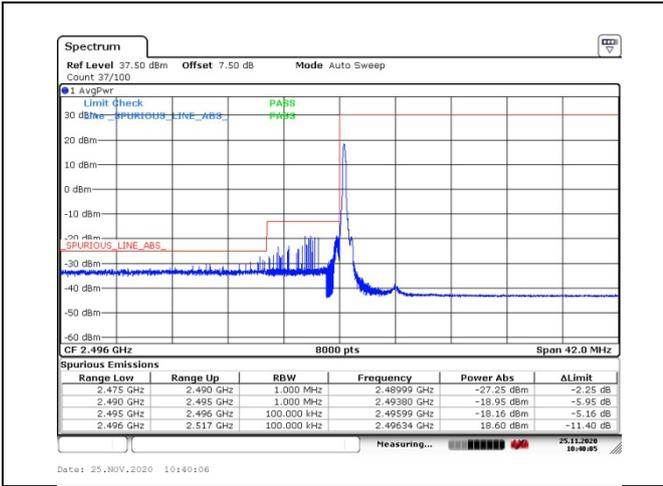


Fig.1

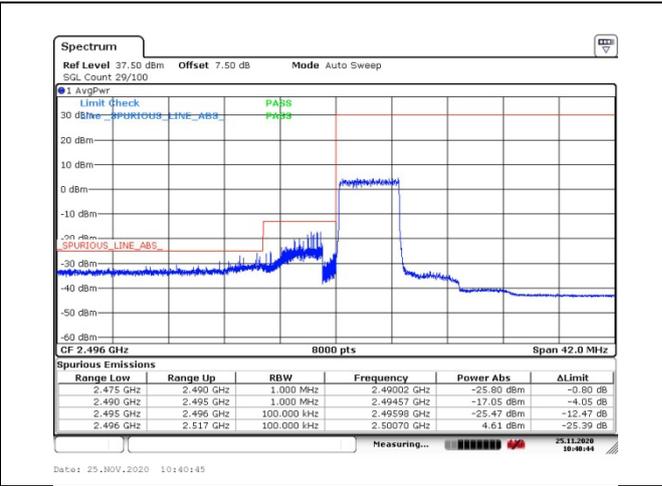


Fig.2

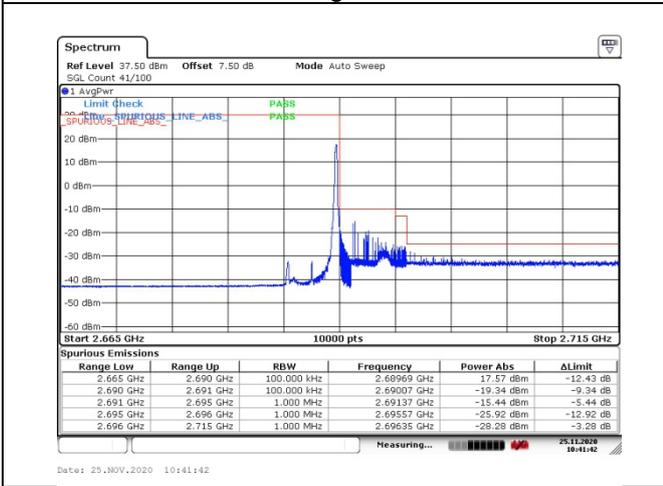


Fig.3

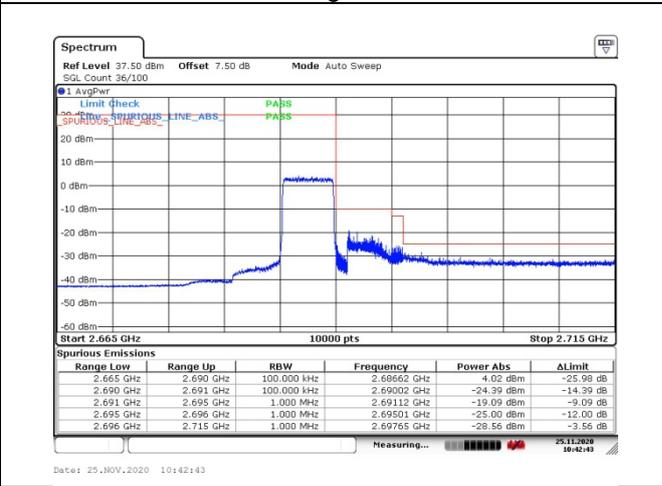


Fig.4

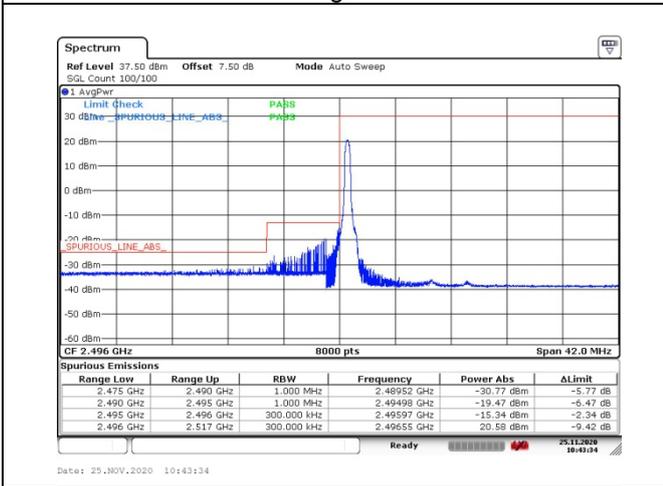


Fig.5

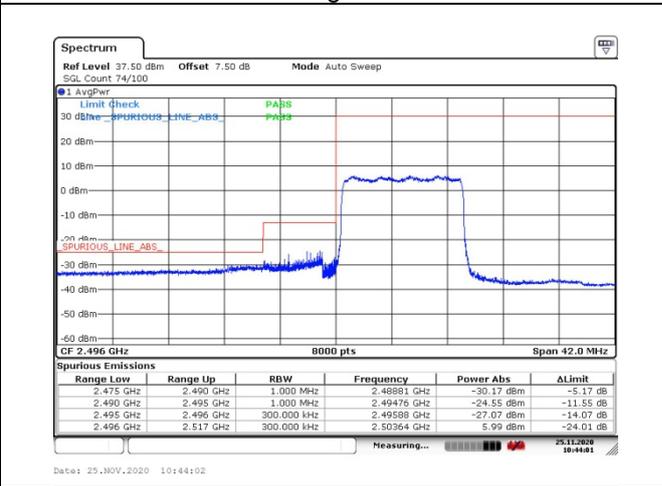


Fig.6

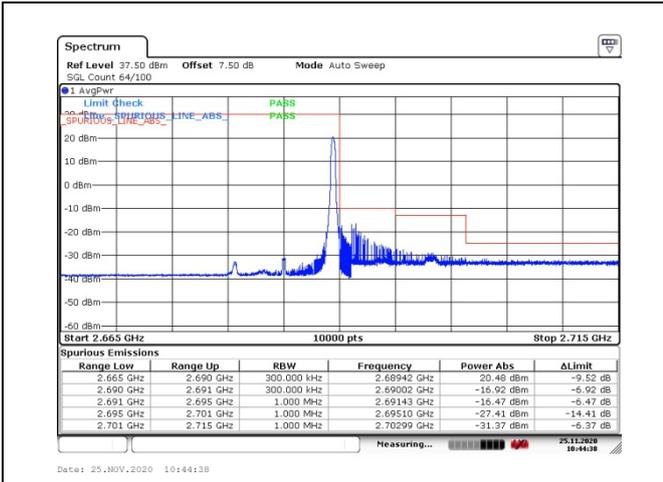


Fig.7

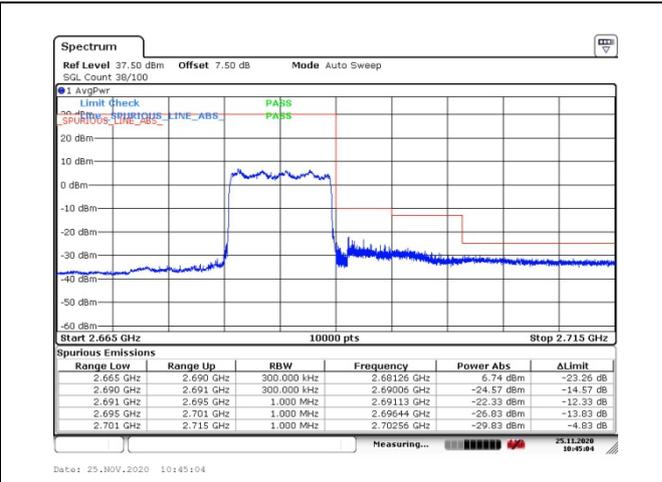


Fig.8

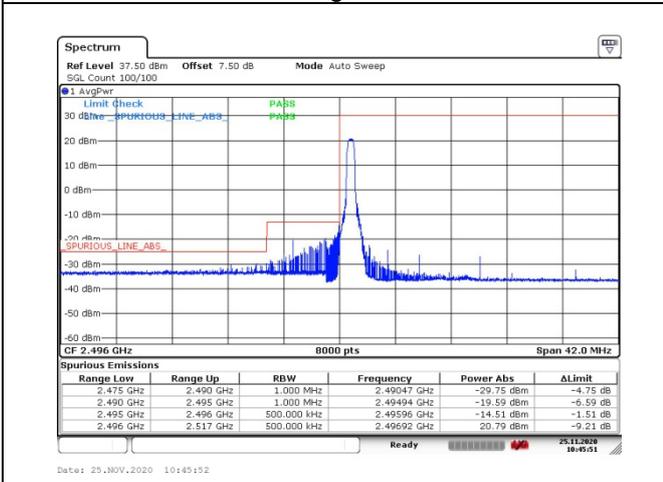


Fig.9

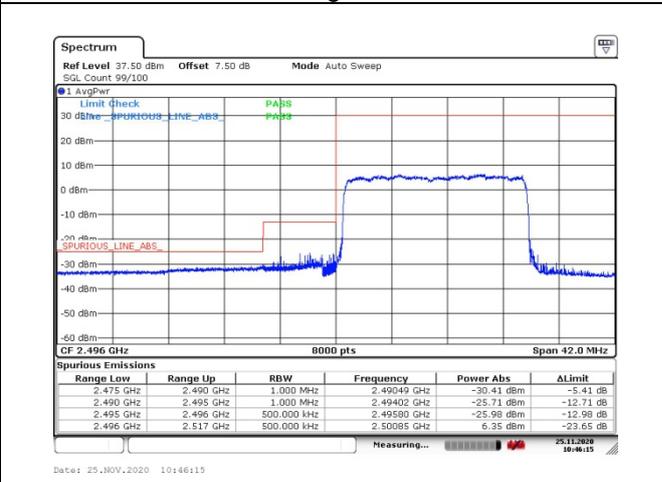


Fig.10

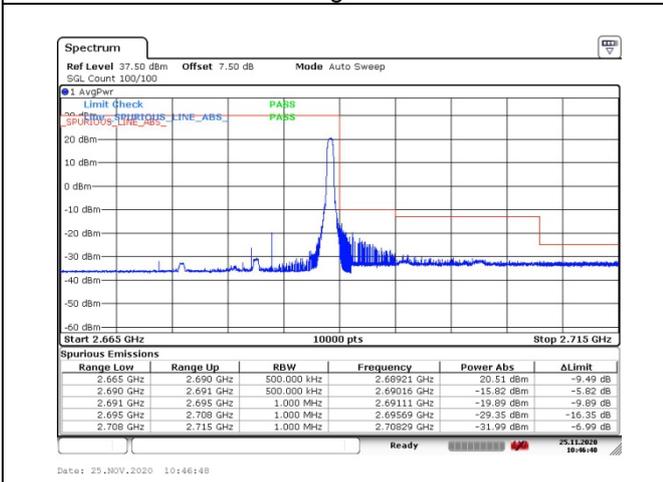


Fig.11

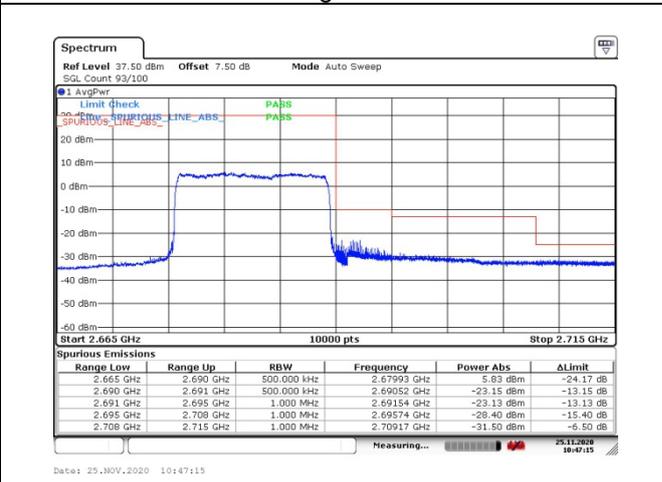


Fig.12

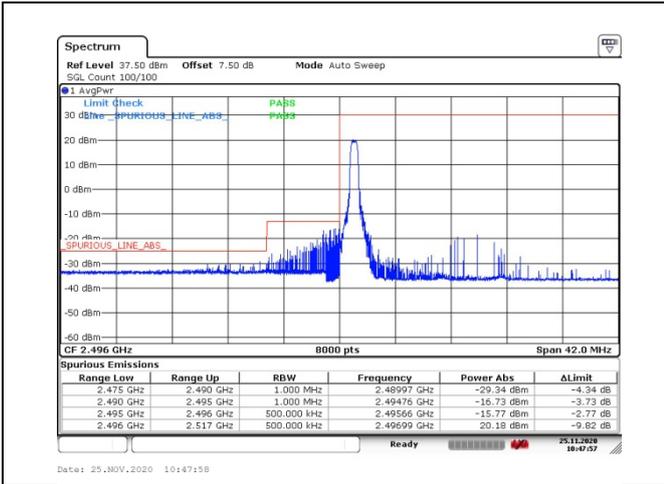


Fig.13

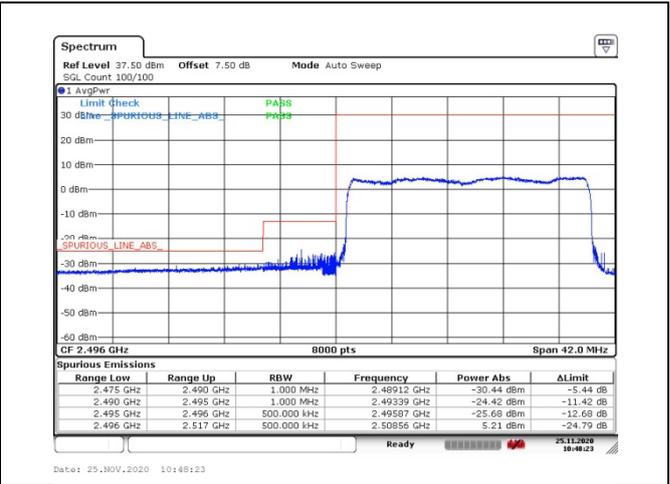


Fig.14

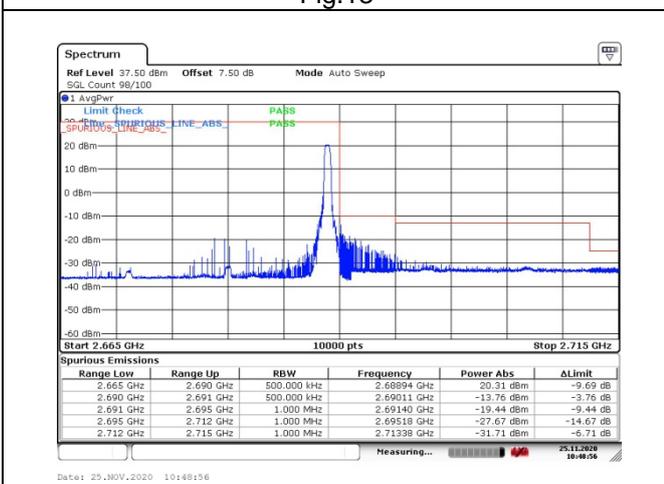


Fig.15

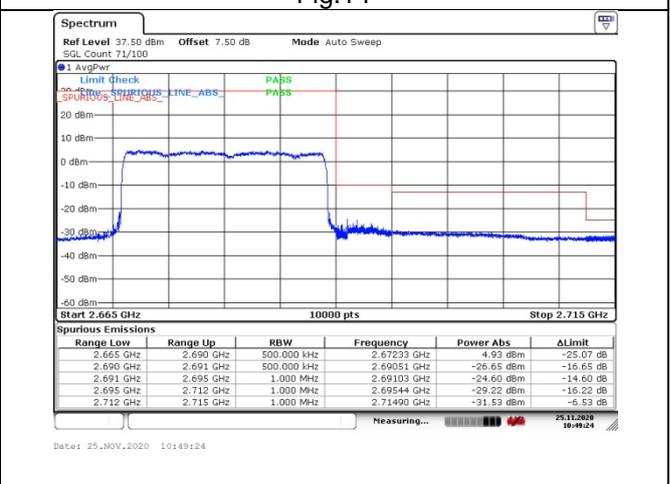


Fig.16

Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band41 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	0.001	-0.002	-0.003	0.000
0	NV	---	---	0.001	0.000	-0.003	0.001
+10	NV	---	---	0.002	-0.003	-0.001	0.002
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	0.001	0.000	0.000	0.000
+40	NV	---	---	0.000	-0.001	-0.004	0.000
+50	NV	---	---	0.001	-0.001	-0.003	0.001
+55	NV	---	---	-0.001	0.001	-0.002	0.001
+20	LV	---	---	0.001	-0.002	-0.002	0.000
+20	HV	---	---	0.001	-0.002	-0.002	0.000

Temperature(°C)	Voltage	Test Result (ppm) Band41 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	0.001	0.001	0.001	0.000
0	NV	---	---	0.001	0.001	0.002	0.002
+10	NV	---	---	-0.001	0.000	0.003	0.001
+20	NV	---	---	0.000	0.000	0.000	0.000
+30	NV	---	---	-0.001	0.002	0.002	0.002
+40	NV	---	---	0.002	0.001	0.000	0.001
+50	NV	---	---	0.000	0.000	0.001	0.000
+55	NV	---	---	0.001	0.001	-0.002	0.001
+20	LV	---	---	0.000	0.001	0.002	0.000
+20	HV	---	---	0.000	0.001	0.002	0.000

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	2498.5	39675	5	1	0	23.59	22.29	0.169	
				1	12	23.50	22.20	0.166	
				1	24	23.48	22.18	0.165	
				12	0	22.58	21.28	0.134	
				12	7	22.56	21.26	0.134	
				12	13	22.56	21.26	0.134	
				25	0	22.49	21.19	0.132	
	2593	40620		1	0	23.21	21.91	0.155	
				1	12	23.29	21.99	0.158	
				1	24	23.29	21.99	0.158	
				12	0	22.30	21.00	0.126	
				12	7	22.30	21.00	0.126	
				12	13	22.30	21.00	0.126	
				25	0	22.31	21.01	0.126	
	2687.5	41565		1	0	23.41	22.11	0.163	
				1	12	23.28	21.98	0.158	
				1	24	23.35	22.05	0.160	
				12	0	22.41	21.11	0.129	
				12	7	22.48	21.18	0.131	
				12	13	22.41	21.11	0.129	
				25	0	22.51	21.21	0.132	
	16QAM	2498.5		39675	1	0	23.08	21.78	0.151
					1	12	22.97	21.67	0.147
					1	24	22.99	21.69	0.148
12			0		21.61	20.31	0.107		
12			7		21.57	20.27	0.106		
12			13		21.50	20.20	0.105		
25			0		21.60	20.30	0.107		
2593		40620	1	0	22.43	21.13	0.130		
			1	12	22.52	21.22	0.132		
			1	24	22.52	21.22	0.132		
			12	0	21.30	20.00	0.100		
			12	7	21.29	19.99	0.100		
			12	13	21.29	19.99	0.100		
			25	0	21.32	20.02	0.100		
2687.5		41565	1	0	22.71	21.41	0.138		
			1	12	22.76	21.46	0.140		
			1	24	22.76	21.46	0.140		
			12	0	21.50	20.20	0.105		
			12	7	21.47	20.17	0.104		
			12	13	21.47	20.17	0.104		
			25	0	21.46	20.16	0.104		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2498.5	39675	5	1	0	21.60	20.30	0.107
				1	12	21.59	20.29	0.107
				1	24	21.57	20.27	0.106
				12	0	21.57	20.27	0.106
				12	7	21.56	20.26	0.106
				12	13	21.61	20.31	0.107
				25	0	21.57	20.27	0.106
	2593	40620		1	0	21.27	19.97	0.099
				1	12	21.33	20.03	0.101
				1	24	21.26	19.96	0.099
				12	0	21.32	20.02	0.100
				12	7	21.25	19.95	0.099
				12	13	21.25	19.95	0.099
				25	0	21.33	20.03	0.101
	2687.5	41565		1	0	21.43	20.13	0.103
				1	12	21.47	20.17	0.104
				1	24	21.49	20.19	0.104
				12	0	21.46	20.16	0.104
				12	7	21.49	20.19	0.104
				12	13	21.51	20.21	0.105
				25	0	21.46	20.16	0.104

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)		
QPSK	2501	39700	10	1	0	23.59	22.29	0.169		
				1	25	23.45	22.15	0.164		
				1	49	23.47	22.17	0.165		
				25	0	22.76	21.46	0.140		
				25	12	22.65	21.35	0.136		
				25	25	22.64	21.34	0.136		
	2593	40620		50	0	22.72	21.42	0.139		
				1	0	23.39	22.09	0.162		
				1	25	23.34	22.04	0.160		
				1	49	23.30	22.00	0.158		
				25	0	22.38	21.08	0.128		
				25	12	22.41	21.11	0.129		
				25	25	22.43	21.13	0.130		
				50	0	22.45	21.15	0.130		
				2685	41540	1	0	23.54	22.24	0.167
						1	25	23.55	22.25	0.168
						1	49	23.52	22.22	0.167
						25	0	22.52	21.22	0.132
						25	12	22.57	21.27	0.134
						25	25	22.58	21.28	0.134
				16QAM	2501	39700	50	0	22.45	21.15
1	0	23.15	21.85				0.153			
1	25	23.02	21.72				0.149			
1	49	23.45	22.15				0.164			
25	0	21.82	20.52				0.113			
25	12	21.77	20.47				0.111			
2593	40620	25	25		21.76	20.46	0.111			
		50	0		21.77	20.47	0.111			
		1	0		22.36	21.06	0.128			
		1	25		22.40	21.10	0.129			
		1	49		22.33	21.03	0.127			
		25	0		21.33	20.03	0.101			
		25	12		21.38	20.08	0.102			
		25	25		21.42	20.12	0.103			
		50	0		21.29	19.99	0.100			
2685	41540	1	0		22.52	21.22	0.132			
		1	25		22.64	21.34	0.136			
		1	49		22.43	21.13	0.130			
		25	0		21.53	20.23	0.105			
		25	12		21.44	20.14	0.103			
		25	25		21.57	20.27	0.106			
50	0	21.54	20.24	0.106						

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2501	39700	10	1	0	21.73	20.43	0.110
				1	25	21.72	20.42	0.110
				1	49	21.72	20.42	0.110
				25	0	21.72	20.42	0.110
				25	12	21.72	20.42	0.110
				25	25	21.76	20.46	0.111
				50	0	21.72	20.42	0.110
	2593	40620		1	0	21.36	20.06	0.101
				1	25	21.36	20.06	0.101
				1	49	21.34	20.04	0.101
				25	0	21.35	20.05	0.101
				25	12	21.34	20.04	0.101
				25	25	21.31	20.01	0.100
				50	0	21.35	20.05	0.101
	2685	41540		1	0	21.51	20.21	0.105
				1	25	21.48	20.18	0.104
				1	49	21.59	20.29	0.107
				25	0	21.54	20.24	0.106
				25	12	21.52	20.22	0.105
				25	25	21.50	20.20	0.105
				50	0	21.54	20.24	0.106

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2507.5	39725	15	1	0	23.42	22.12	0.163
				1	37	23.31	22.01	0.159
				1	74	23.24	21.94	0.156
				36	0	22.54	21.24	0.133
				36	29	22.53	21.23	0.133
				36	30	22.51	21.21	0.132
				75	0	22.55	21.25	0.133
	2593	40620		1	0	23.11	21.81	0.152
				1	37	23.14	21.84	0.153
				1	74	23.10	21.80	0.151
				36	0	22.21	20.91	0.123
				36	29	22.27	20.97	0.125
				36	30	22.30	21.00	0.126
				75	0	22.15	20.85	0.122
	2682.5	41515		1	0	23.51	22.21	0.166
				1	37	23.51	22.21	0.166
				1	74	23.49	22.19	0.166
				36	0	22.42	21.12	0.129
				36	29	22.52	21.22	0.132
				36	30	22.44	21.14	0.130
				75	0	22.39	21.09	0.129
16QAM	2507.5	39725	1	0	22.87	21.57	0.144	
			1	37	22.73	21.43	0.139	
			1	74	22.73	21.43	0.139	
			36	0	21.51	20.21	0.105	
			36	29	21.54	20.24	0.106	
			36	30	21.54	20.24	0.106	
			75	0	21.54	20.24	0.106	
	2593	40620	1	0	22.20	20.90	0.123	
			1	37	22.26	20.96	0.125	
			1	74	22.27	20.97	0.125	
			36	0	21.19	19.89	0.097	
			36	29	21.23	19.93	0.098	
			36	30	21.24	19.94	0.099	
			75	0	21.19	19.89	0.097	
	2682.5	41515	1	0	22.41	21.11	0.129	
			1	37	22.43	21.13	0.130	
			1	74	22.40	21.10	0.129	
			36	0	21.43	20.13	0.103	
			36	29	21.48	20.18	0.104	
			36	30	21.47	20.17	0.104	
			75	0	21.37	20.07	0.102	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2507.5	39725	15	1	0	21.54	20.24	0.106
				1	37	21.60	20.30	0.107
				1	74	21.54	20.24	0.106
				36	0	21.53	20.23	0.105
				36	29	21.63	20.33	0.108
				36	30	21.63	20.33	0.108
	2593	40620		75	0	21.56	20.26	0.106
				1	0	21.20	19.90	0.098
				1	37	21.24	19.94	0.099
				1	74	21.19	19.89	0.097
				36	0	21.20	19.90	0.098
				36	29	21.24	19.94	0.099
	2682.5	41515		36	30	21.24	19.94	0.099
				75	0	21.30	20.00	0.100
				1	0	21.37	20.07	0.102
				1	37	21.36	20.06	0.101
				1	74	21.37	20.07	0.102
				36	0	21.44	20.14	0.103
				36	29	21.41	20.11	0.103
				36	30	21.38	20.08	0.102
				75	0	21.37	20.07	0.102

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2506	39750	20	1	0	23.43	22.13	0.163
				1	49	23.33	22.03	0.160
				1	99	23.36	22.06	0.161
				50	0	22.56	21.26	0.134
				50	24	22.51	21.21	0.132
				50	50	22.44	21.14	0.130
				100	0	22.52	21.22	0.132
	2593	40620		1	0	23.19	21.89	0.155
				1	49	23.26	21.96	0.157
				1	99	23.28	21.98	0.158
				50	0	22.25	20.95	0.124
				50	24	22.30	21.00	0.126
				50	50	22.22	20.92	0.124
				100	0	22.24	20.94	0.124
	2680	41490		1	0	23.24	21.94	0.156
				1	49	23.39	22.09	0.162
				1	99	23.45	22.15	0.164
				50	0	22.27	20.97	0.125
				50	24	22.42	21.12	0.129
				50	50	22.43	21.13	0.130
				100	0	22.37	21.07	0.128
16QAM	2506	39750	1	0	22.76	21.46	0.140	
			1	49	22.58	21.28	0.134	
			1	99	22.57	21.27	0.134	
			50	0	21.56	20.26	0.106	
			50	24	21.42	20.12	0.103	
			50	50	21.49	20.19	0.104	
			100	0	21.49	20.19	0.104	
	2593	40620	1	0	22.36	21.06	0.128	
			1	49	22.37	21.07	0.128	
			1	99	22.37	21.07	0.128	
			50	0	21.18	19.88	0.097	
			50	24	21.22	19.92	0.098	
			50	50	21.24	19.94	0.099	
			100	0	21.22	19.92	0.098	
	2680	41490	1	0	21.91	20.61	0.115	
			1	49	22.04	20.74	0.119	
			1	99	22.04	20.74	0.119	
			50	0	21.33	20.03	0.101	
			50	24	21.50	20.20	0.105	
			50	50	21.53	20.23	0.105	
			100	0	21.44	20.14	0.103	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2506	39750	20	1	0	21.45	20.15	0.104
				1	49	21.52	20.22	0.105
				1	99	21.56	20.26	0.106
				50	0	21.59	20.29	0.107
				50	24	21.53	20.23	0.105
				50	50	21.46	20.16	0.104
				100	0	21.57	20.27	0.106
	2593	40620		1	0	21.27	19.97	0.099
				1	49	21.26	19.96	0.099
				1	99	21.23	19.93	0.098
				50	0	21.26	19.96	0.099
				50	24	21.26	19.96	0.099
				50	50	21.26	19.96	0.099
				100	0	21.26	19.96	0.099
	2680	41490		1	0	21.36	20.06	0.101
				1	49	21.43	20.13	0.103
				1	99	21.42	20.12	0.103
				50	0	21.42	20.12	0.103
				50	24	21.39	20.09	0.102
				50	50	21.39	20.09	0.102
				100	0	21.39	20.09	0.102