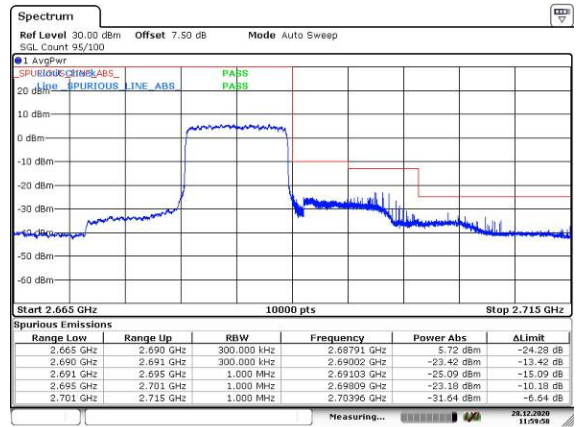


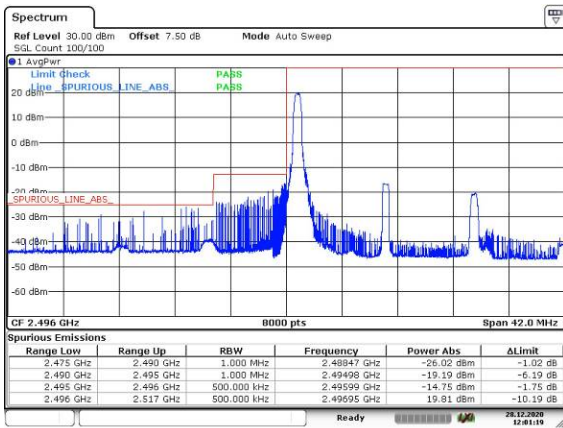
Date: 28 DEC.2020 11:59:11

Fig.7



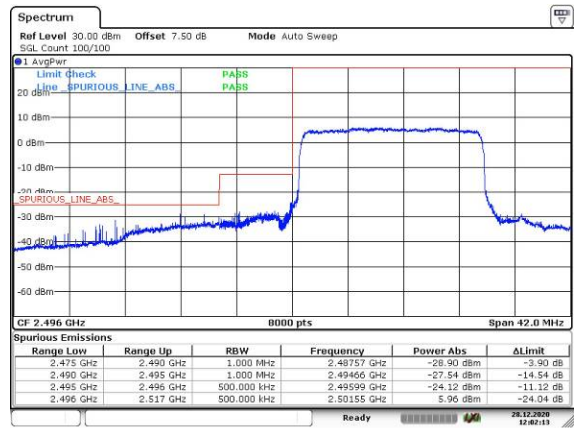
Date: 28 DEC.2020 11:59:58

Fig.8



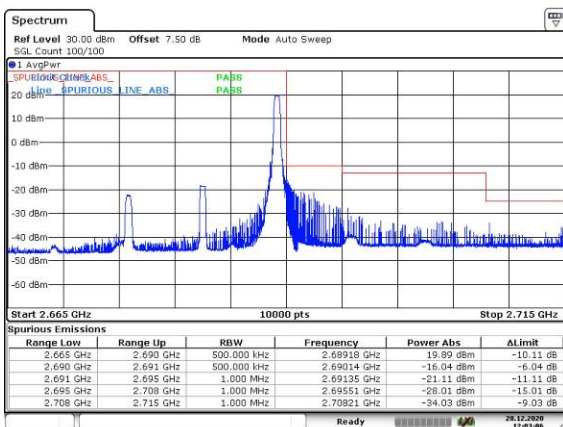
Date: 28 DEC.2020 12:01:19

Fig.9



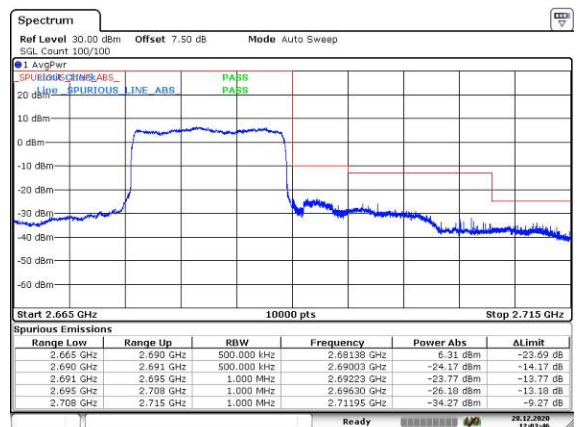
Date: 28 DEC.2020 12:02:14

Fig.10



Date: 28 DEC.2020 12:03:06

Fig.11



Date: 28 DEC.2020 12:03:46

Fig.12

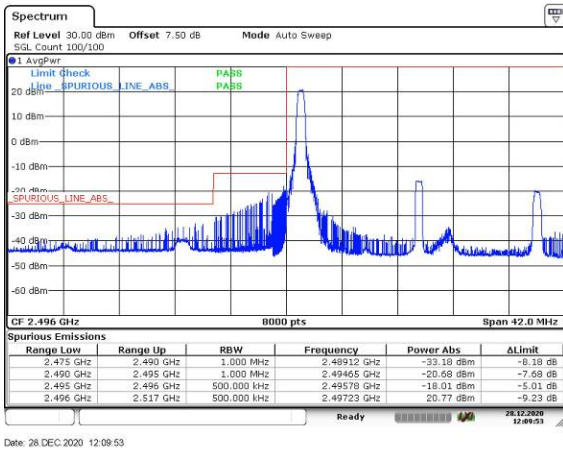


Fig.13

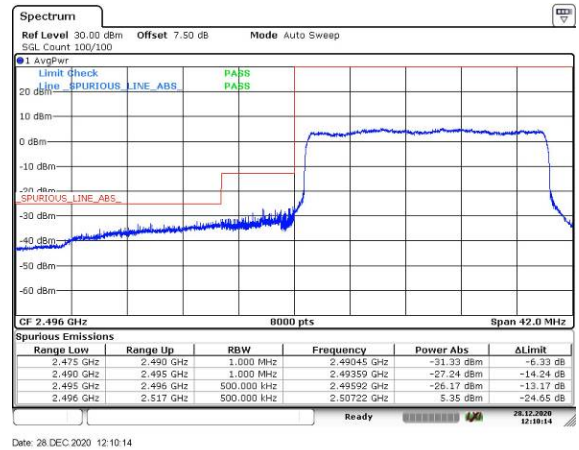


Fig.14

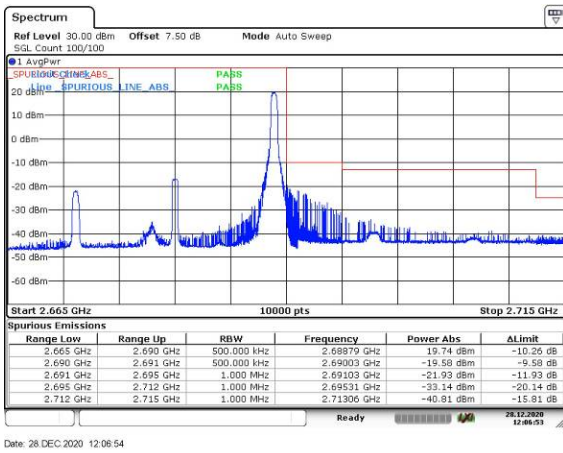


Fig.15

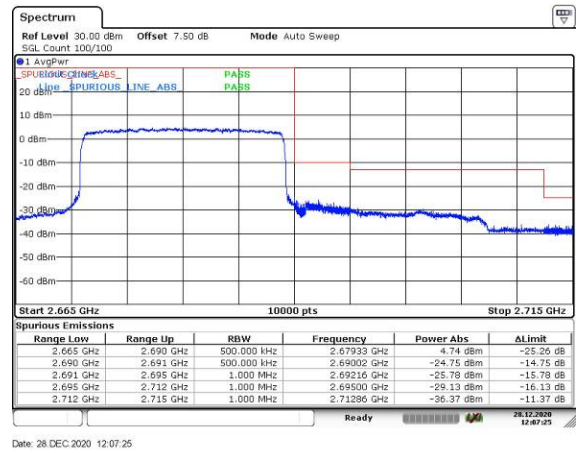


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band41 Low Channel QPSK			
		5M	10M	15M	20M
-20	NV	0.001	0.000	-0.004	0.000
-10	NV	-0.001	0.001	-0.003	0.000
0	NV	-0.003	0.000	-0.003	-0.003
+10	NV	0.000	-0.001	-0.001	0.001
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.001	0.000	-0.003	0.000
+40	NV	-0.007	0.001	-0.004	-0.001
+50	NV	0.001	0.002	-0.003	0.007
+60	NV	0.002	-0.002	0.000	0.000
+20	LV	-0.002	-0.001	-0.002	-0.001
+20	HV	0.000	0.001	-0.002	0.000

Temperature(°C)	Voltage	Test Result (ppm) Band41 High Channel QPSK			
		5M	10M	15M	20M
-20	NV	-0.001	0.001	0.001	0.002
-10	NV	0.001	0.000	0.002	0.001
0	NV	-0.001	-0.001	0.002	0.002
+10	NV	-0.001	0.002	-0.001	-0.001
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.001	-0.001	0.002	-0.002
+40	NV	0.003	0.000	0.003	-0.001
+50	NV	0.003	0.000	0.001	0.000
+60	NV	0.001	0.000	0.001	0.002
+20	LV	0.000	-0.002	0.001	-0.001
+20	HV	0.000	0.000	0.002	-0.001

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	2498.5	39675	5	1	0	24.18	24.59	0.288
				1	12	24.11	24.52	0.283
				1	24	24.06	24.47	0.280
				12	0	23.50	23.91	0.246
				12	7	23.42	23.83	0.242
				12	13	23.51	23.92	0.247
	25	0		23.48	23.89	0.245		
	2593	40620		1	0	24.24	24.65	0.292
				1	12	24.31	24.72	0.296
				1	24	24.29	24.70	0.295
				12	0	23.31	23.72	0.236
				12	7	23.37	23.78	0.239
				12	13	23.28	23.69	0.234
	25	0		23.29	23.70	0.234		
	2687.5	41565		1	0	24.43	24.84	0.305
				1	12	24.38	24.79	0.301
				1	24	24.42	24.83	0.304
				12	0	23.54	23.95	0.248
12			7	23.66	24.07	0.255		
12			13	23.53	23.94	0.248		
25	0	23.64	24.05	0.254				
16QAM	2498.5	39675	1	0	23.62	24.03	0.253	
			1	12	23.50	23.91	0.246	
			1	24	23.49	23.90	0.245	
			12	0	22.36	22.77	0.189	
			12	7	22.32	22.73	0.187	
			12	13	22.32	22.73	0.187	
	25	0	22.26	22.67	0.185			
	2593	40620	1	0	23.46	23.87	0.244	
			1	12	23.18	23.59	0.229	
			1	24	23.16	23.57	0.228	
			12	0	22.12	22.53	0.179	
			12	7	22.20	22.61	0.182	
			12	13	22.08	22.49	0.177	
	25	0	22.35	22.76	0.189			
	2687.5	41565	1	0	23.67	24.08	0.256	
			1	12	23.66	24.07	0.255	
			1	24	23.78	24.19	0.262	
			12	0	22.49	22.90	0.195	
12			7	22.52	22.93	0.196		
12			13	22.35	22.76	0.189		
25	0	22.61	23.02	0.200				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2498.5	39675	5	1	0	22.45	22.86	0.193
				1	12	22.45	22.86	0.193
				1	24	22.44	22.85	0.193
				12	0	22.34	22.75	0.188
				12	7	22.34	22.75	0.188
				12	13	22.43	22.84	0.192
				25	0	22.34	22.75	0.188
	2593	40620		1	0	22.26	22.67	0.185
				1	12	22.36	22.77	0.189
				1	24	22.26	22.67	0.185
				12	0	22.26	22.67	0.185
				12	7	22.26	22.67	0.185
				12	13	22.26	22.67	0.185
				25	0	22.25	22.66	0.185
	2687.5	41565		1	0	22.34	22.75	0.188
				1	12	22.35	22.76	0.189
				1	24	22.34	22.75	0.188
				12	0	22.35	22.76	0.189
				12	7	22.35	22.76	0.189
				12	13	22.35	22.76	0.189
				25	0	22.34	22.75	0.188

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2501	39700	10	1	0	24.36	24.77	0.300
				1	25	24.50	24.91	0.310
				1	49	24.49	24.90	0.309
				25	0	23.63	24.04	0.254
				25	12	23.62	24.03	0.253
				25	25	23.62	24.03	0.253
	50	0		23.55	23.96	0.249		
	1	0		24.38	24.79	0.301		
	1	25		24.47	24.88	0.308		
	1	49		24.46	24.87	0.307		
	25	0		23.32	23.73	0.236		
	25	12		23.54	23.95	0.248		
	25	25		23.54	23.95	0.248		
	50	0		23.38	23.79	0.239		
	1	0		24.14	24.55	0.285		
	1	25		24.35	24.76	0.299		
	1	49		24.34	24.75	0.299		
	25	0		23.55	23.96	0.249		
25	12	23.67	24.08	0.256				
25	25	23.49	23.90	0.245				
50	0	23.45	23.86	0.243				
16QAM	2501	39700	1	0	23.71	24.12	0.258	
			1	25	23.60	24.01	0.252	
			1	49	23.72	24.13	0.259	
			25	0	22.59	23.00	0.200	
			25	12	22.62	23.03	0.201	
			25	25	22.62	23.03	0.201	
	50	0	22.50	22.91	0.195			
	1	0	23.66	24.07	0.255			
	1	25	23.78	24.19	0.262			
	1	49	23.74	24.15	0.260			
	25	0	22.39	22.80	0.191			
	25	12	22.50	22.91	0.195			
	25	25	22.50	22.91	0.195			
	50	0	22.21	22.62	0.183			
	1	0	23.23	23.64	0.231			
	1	25	23.56	23.97	0.249			
	1	49	23.55	23.96	0.249			
	25	0	22.41	22.82	0.191			
25	12	22.49	22.90	0.195				
25	25	22.59	23.00	0.200				
50	0	22.41	22.82	0.191				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)	
64QAM	2501	39700	10	1	0	22.50	22.91	0.195	
				1	25	22.50	22.91	0.195	
				1	49	22.50	22.91	0.195	
				25	0	22.60	23.01	0.200	
				25	12	22.60	23.01	0.200	
				25	25	22.50	22.91	0.195	
	2593	40620		50	0	22.60	23.01	0.200	
				1	0	22.22	22.63	0.183	
				1	25	22.32	22.73	0.187	
				1	49	22.32	22.73	0.187	
				25	0	22.32	22.73	0.187	
				25	12	22.21	22.62	0.183	
	2685	41540		25	25	22.32	22.73	0.187	
				50	0	22.33	22.74	0.188	
				1	0	22.44	22.85	0.193	
				1	25	22.44	22.85	0.193	
				1	49	22.35	22.76	0.189	
				25	0	22.44	22.85	0.193	
					25	12	22.35	22.76	0.189
					25	25	22.35	22.76	0.189
					50	0	22.45	22.86	0.193

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2503.5	39725	15	1	0	24.22	24.63	0.290
				1	37	24.26	24.67	0.293
				1	74	24.25	24.66	0.292
				36	0	23.48	23.89	0.245
				36	29	23.39	23.80	0.240
				36	30	23.39	23.80	0.240
				75	0	23.42	23.83	0.242
	2593	40620		1	0	24.11	24.52	0.283
				1	37	24.19	24.60	0.288
				1	74	24.17	24.58	0.287
				36	0	23.35	23.76	0.238
				36	29	23.30	23.71	0.235
				36	30	23.30	23.71	0.235
				75	0	23.32	23.73	0.236
	2682.5	41515		1	0	24.17	24.58	0.287
				1	37	24.26	24.67	0.293
				1	74	24.33	24.74	0.298
				36	0	23.52	23.93	0.247
				36	29	23.46	23.87	0.244
				36	30	23.45	23.86	0.243
				75	0	23.40	23.81	0.240
16QAM	2503.5	39725	1	0	23.56	23.97	0.249	
			1	37	23.62	24.03	0.253	
			1	74	23.62	24.03	0.253	
			36	0	22.38	22.79	0.190	
			36	29	22.39	22.80	0.191	
			36	30	22.39	22.80	0.191	
			75	0	22.41	22.82	0.191	
	2593	40620	1	0	23.40	23.81	0.240	
			1	37	23.78	24.19	0.262	
			1	74	23.69	24.10	0.257	
			36	0	22.32	22.73	0.187	
			36	29	22.38	22.79	0.190	
			36	30	22.39	22.80	0.191	
			75	0	22.31	22.72	0.187	
	2682.5	41515	1	0	23.10	23.51	0.224	
			1	37	23.24	23.65	0.232	
			1	74	23.24	23.65	0.232	
			36	0	22.32	22.73	0.187	
			36	29	22.26	22.67	0.185	
			36	30	22.48	22.89	0.195	
			75	0	22.43	22.84	0.192	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2503.5	39725	15	1	0	22.41	22.82	0.191
				1	37	22.40	22.81	0.191
				1	74	22.49	22.90	0.195
				36	0	22.51	22.92	0.196
				36	29	22.49	22.90	0.195
				36	30	22.40	22.81	0.191
				75	0	22.39	22.80	0.191
	2593	40620		1	0	22.39	22.80	0.191
				1	37	22.31	22.72	0.187
				1	74	22.40	22.81	0.191
				36	0	22.40	22.81	0.191
				36	29	22.40	22.81	0.191
				36	30	22.40	22.81	0.191
				75	0	22.31	22.72	0.187
	2682.5	41515		1	0	22.43	22.84	0.192
				1	37	22.43	22.84	0.192
				1	74	22.42	22.83	0.192
				36	0	22.42	22.83	0.192
				36	29	22.42	22.83	0.192
				36	30	22.42	22.83	0.192
				75	0	22.41	22.82	0.191

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2506	39750	20	1	0	24.34	24.75	0.299
				1	49	24.37	24.78	0.301
				1	99	24.44	24.85	0.305
				50	0	23.53	23.94	0.248
				50	24	23.57	23.98	0.250
				50	50	23.58	23.99	0.251
	100	0		23.48	23.89	0.245		
	1	0		24.11	24.52	0.283		
	1	49		24.38	24.79	0.301		
	1	99		24.36	24.77	0.300		
	50	0		23.36	23.77	0.238		
	50	24		23.50	23.91	0.246		
	50	50		23.50	23.91	0.246		
	100	0		23.42	23.83	0.242		
	1	0		24.12	24.53	0.284		
	1	49		24.42	24.83	0.304		
	1	99		24.41	24.82	0.303		
	50	0		23.29	23.70	0.234		
50	24	23.41	23.82	0.241				
50	50	23.41	23.82	0.241				
100	0	23.39	23.80	0.240				
16QAM	2506	39750	20	1	0	23.72	24.13	0.259
				1	49	23.91	24.32	0.270
				1	99	23.91	24.32	0.270
				50	0	22.57	22.98	0.199
				50	24	22.52	22.93	0.196
				50	50	22.53	22.94	0.197
	100	0		22.55	22.96	0.198		
	1	0		23.06	23.47	0.222		
	1	49		23.09	23.50	0.224		
	1	99		23.08	23.49	0.223		
	50	0		22.30	22.71	0.187		
	50	24		22.35	22.76	0.189		
	50	50		22.35	22.76	0.189		
	100	0		22.32	22.73	0.187		
	1	0		23.00	23.41	0.219		
	1	49		23.20	23.61	0.230		
	1	99		23.20	23.61	0.230		
	50	0		22.22	22.63	0.183		
50	24	22.27	22.68	0.185				
50	50	22.26	22.67	0.185				
100	0	22.23	22.64	0.184				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2506	39750	20	1	0	22.46	22.87	0.194
				1	49	22.46	22.87	0.194
				1	99	22.46	22.87	0.194
				50	0	22.46	22.87	0.194
				50	24	22.46	22.87	0.194
				50	50	22.46	22.87	0.194
				100	0	22.48	22.89	0.195
	2593	40620		1	0	22.32	22.73	0.187
				1	49	22.41	22.82	0.191
				1	99	22.33	22.74	0.188
				50	0	22.32	22.73	0.187
				50	24	22.31	22.72	0.187
				50	50	22.41	22.82	0.191
				100	0	22.41	22.82	0.191
	2680	41490		1	0	22.23	22.64	0.184
				1	49	22.24	22.65	0.184
				1	99	22.23	22.64	0.184
				50	0	22.23	22.64	0.184
				50	24	22.23	22.64	0.184
				50	50	22.23	22.64	0.184
				100	0	22.23	22.64	0.184