

Fig.1

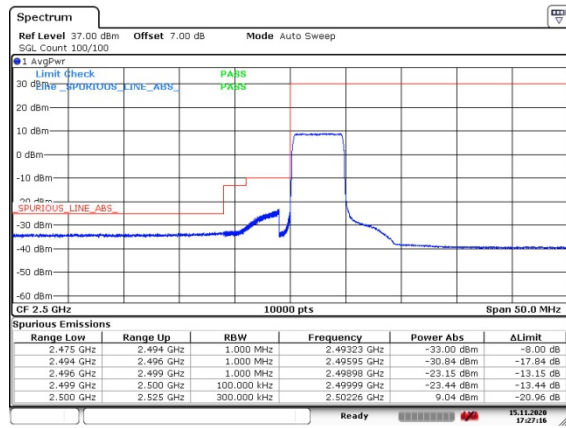


Fig.2

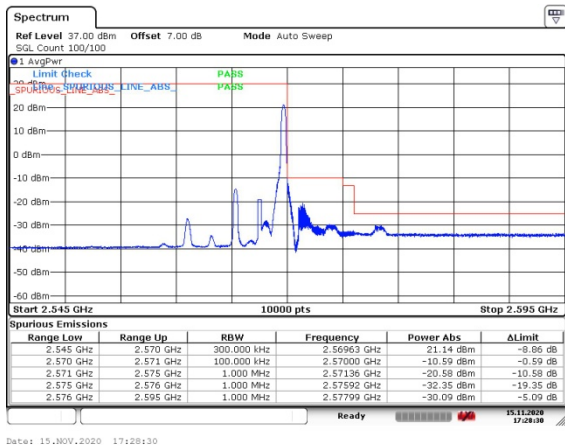


Fig.3

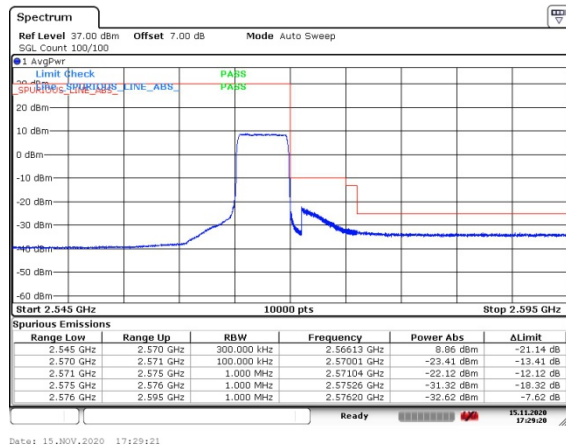


Fig.4

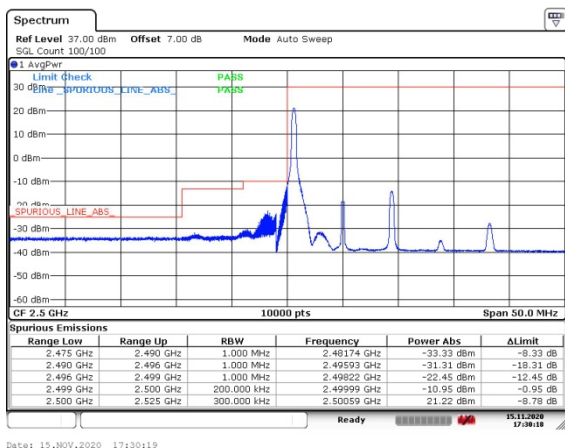


Fig.5

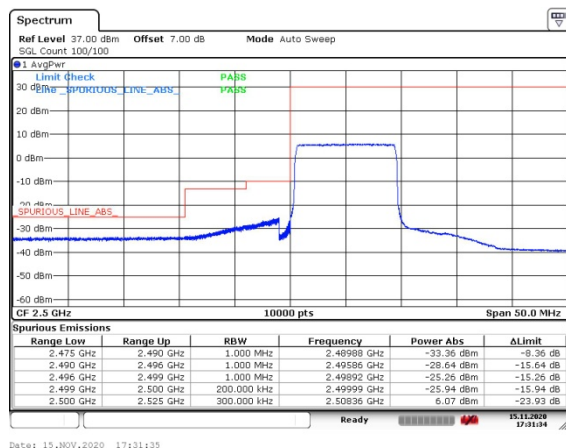


Fig.6

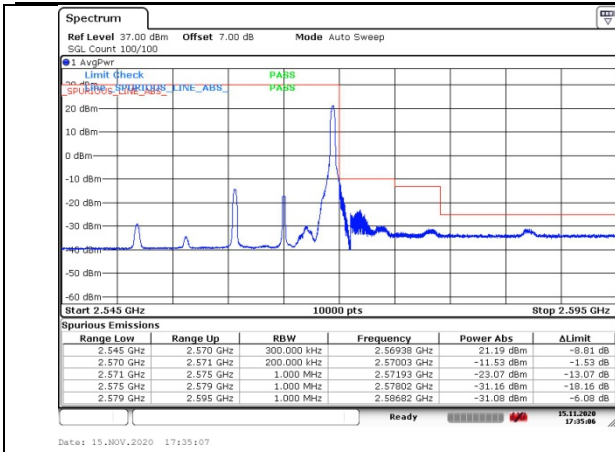


Fig.7

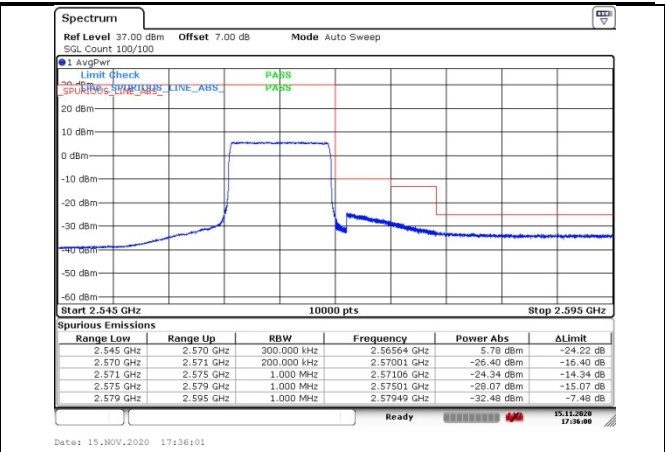


Fig.8

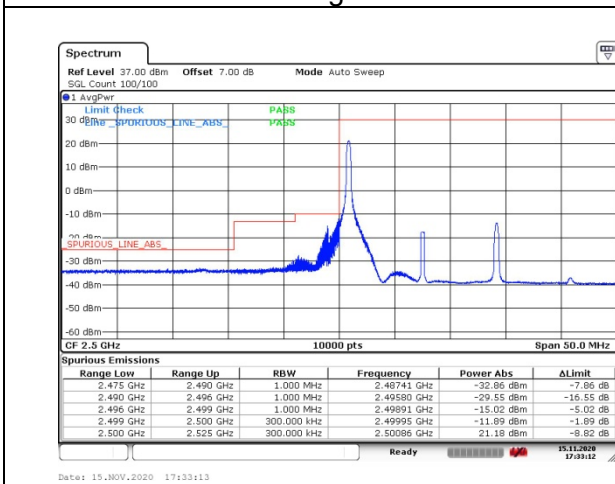


Fig.9

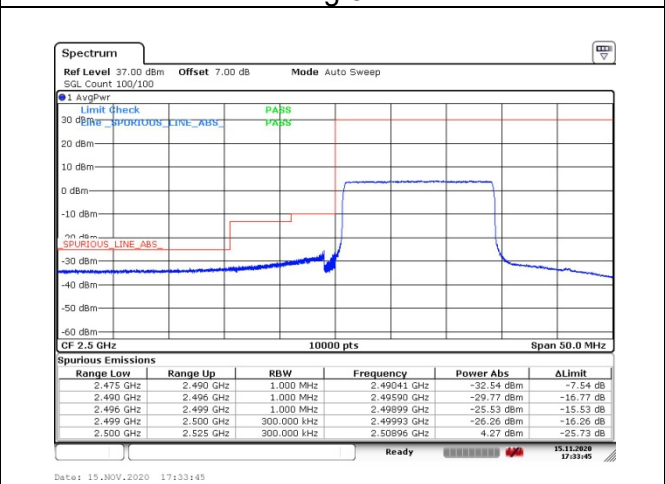


Fig.10

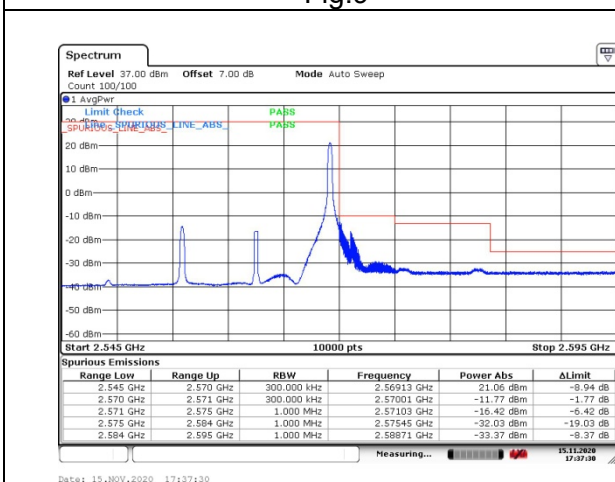


Fig.11

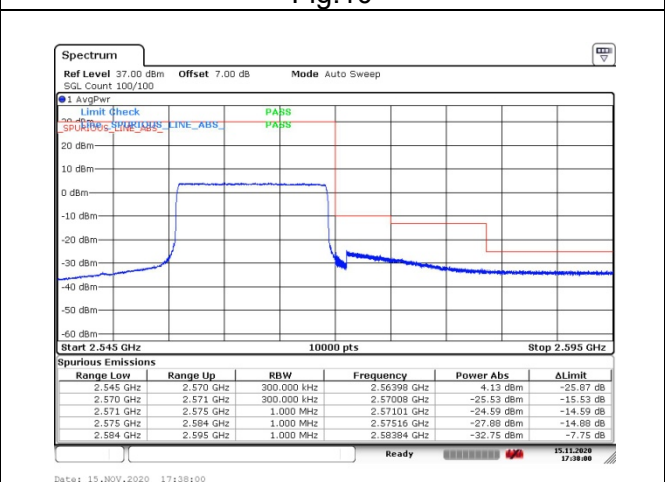


Fig.12

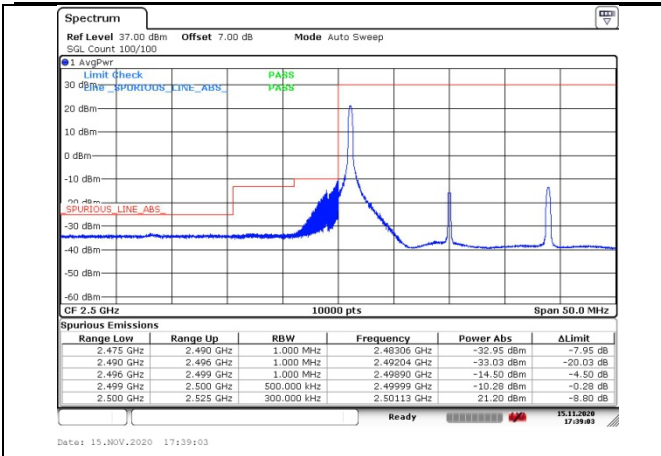


Fig.13

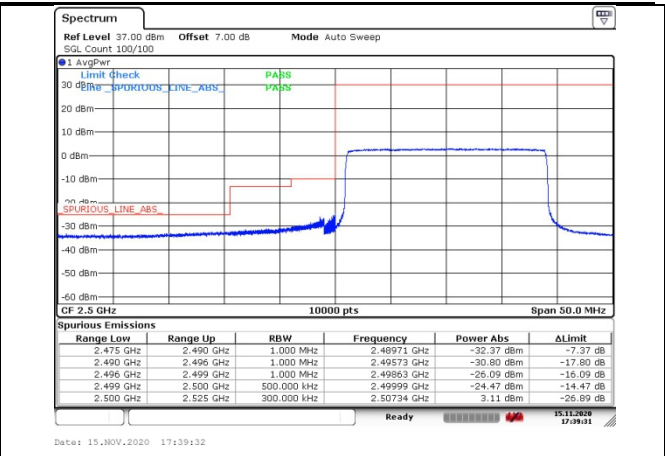


Fig.14

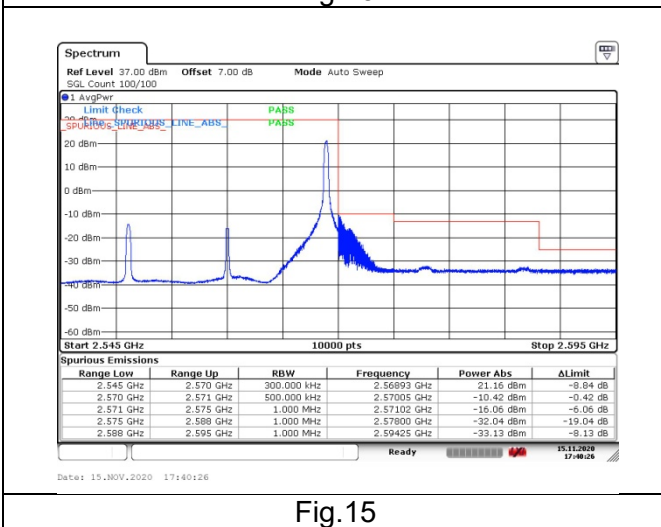


Fig.15

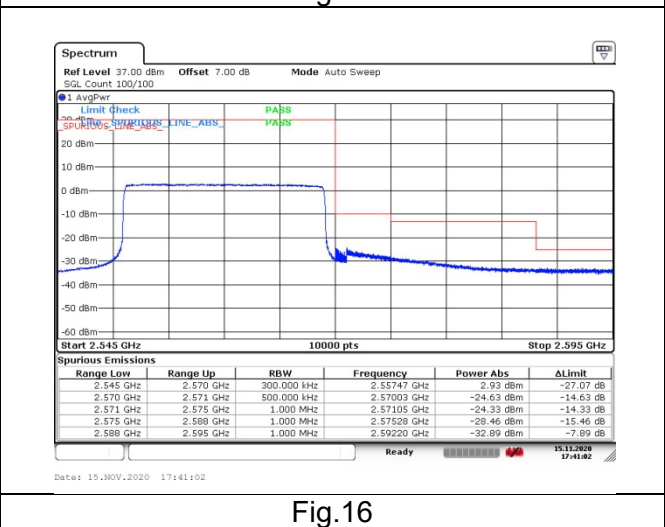


Fig.16

7 Frequency Stability

Test result:

Temperature(°C)	Voltage	Test Result (ppm) Band2 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	-0.003	-0.015	-0.002	0.002
0	NV	---	---	-0.005	-0.007	-0.006	-0.007
+10	NV	---	---	-0.012	-0.008	-0.012	0.001
+20	NV	---	---	-0.009	-0.009	-0.004	-0.010
+35	NV	---	---	-0.002	-0.006	-0.006	0.003
+20	LV	---	---	-0.008	-0.015	-0.009	-0.001
+20	HV	---	---	-0.009	-0.007	-0.005	-0.003

Temperature(°C)	Voltage	Test Result (ppm) Band2 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	-0.007	-0.005	-0.005	0.005
0	NV	---	---	-0.010	-0.004	-0.002	-0.002
+10	NV	---	---	-0.005	-0.009	0.002	-0.006
+20	NV	---	---	-0.014	-0.012	-0.003	-0.011
+35	NV	---	---	-0.008	-0.003	-0.009	-0.008
+20	LV	---	---	-0.011	-0.010	-0.008	-0.006
+20	HV	---	---	-0.005	-0.005	-0.005	-0.010

Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ERP/EIRP (W)
QPSK	2502.5	20775	5	1	0	0.240
				1	12	0.240
				1	24	0.240
				12	0	0.200
				12	7	0.195
				12	13	0.200
				25	0	0.195
	2535	21100		1	0	0.269
				1	12	0.269
				1	24	0.275
				12	0	0.204
				12	7	0.209
				12	13	0.209
				25	0	0.209
	2567.5	21425		1	0	0.257
				1	12	0.257
				1	24	0.245
				12	0	0.209
				12	7	0.209
				12	13	0.209
				25	0	0.204
16QAM	2502.5	20775	1	0	0.191	
			1	12	0.186	
			1	24	0.186	
			12	0	0.158	
			12	7	0.158	
			12	13	0.158	
			25	0	0.162	
	2535	21100	1	0	0.224	
			1	12	0.229	

				1	24	0.229	
				12	0	0.166	
				12	7	0.170	
				12	13	0.170	
				25	0	0.166	
	2567.5	21425			1	0	0.195
					1	12	0.195
					1	24	0.195
					12	0	0.166
					12	7	0.162
					12	13	0.162
					25	0	0.166

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ERP/EIRP (W)
64QAM	2502.5	20775	5	1	0	0.158
				1	12	0.158
				1	24	0.162
				12	0	0.162
				12	7	0.162
				12	13	0.162
				25	0	0.162
	2535	21100		1	0	0.166
				1	12	0.166
				1	24	0.166
				12	0	0.166
				12	7	0.170
				12	13	0.170
				25	0	0.170
	2567.5	21425		1	0	0.166
				1	12	0.166
				1	24	0.170
				12	0	0.170
				12	7	0.166
				12	13	0.166
				25	0	0.166

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ERP/EIRP (W)
QPSK	2505	20800	10	1	0	0.245
				1	25	0.234
				1	49	0.234
				25	0	0.191
				25	12	0.191
				25	25	0.191
				50	0	0.191
	2535	21100		1	0	0.257
				1	25	0.263
				1	49	0.263
				25	0	0.204
				25	12	0.209
				25	25	0.209
				50	0	0.209
	2565	21400		1	0	0.263
				1	25	0.263
				1	49	0.257
				25	0	0.209
				25	12	0.204
				25	25	0.204
				50	0	0.204
16QAM	2505	20800	1	0	0.209	
			1	25	0.209	
			1	49	0.209	
			25	0	0.155	
			25	12	0.155	
			25	25	0.155	
			50	0	0.155	
	2535	21100	1	0	0.219	
			1	25	0.229	
			1	49	0.229	

			25	0	0.166	
			25	12	0.170	
			25	25	0.170	
			50	0	0.170	
	2565	21400		1	0	0.209
				1	25	0.209
				1	49	0.209
				25	0	0.170
				25	12	0.170
				25	25	0.170
				50	0	0.166

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ERP/EIRP (W)
64QAM	2505	20800	10	1	0	0.155
				1	25	0.155
				1	49	0.155
				25	0	0.155
				25	12	0.155
				25	25	0.155
				50	0	0.155
	2535	21100		1	0	0.170
				1	25	0.170
				1	49	0.170
				25	0	0.170
				25	12	0.170
				25	25	0.170
				50	0	0.170
	2565	21400		1	0	0.166
				1	25	0.166
				1	49	0.166
				25	0	0.166
				25	12	0.166
				25	25	0.166
				50	0	0.166

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ERP/EIRP (W)
QPSK	2507.5	20825	15	1	0	0.234
				1	37	0.234
				1	74	0.234
				36	0	0.195
				36	29	0.195
				36	30	0.195
				75	0	0.191
	2535	21100		1	0	0.251
				1	37	0.269
				1	74	0.269
				36	0	0.204
				36	29	0.214
				36	30	0.214
				75	0	0.214
	2562.5	21375		1	0	0.263
				1	37	0.263
				1	74	0.257
				36	0	0.209
				36	29	0.209
				36	30	0.209
				75	0	0.209
16QAM	2507.5	20825	1	0	0.204	
			1	37	0.209	
			1	74	0.209	
			36	0	0.158	
			36	29	0.155	
			36	30	0.155	
			75	0	0.155	
	2535	21100	1	0	0.219	
			1	37	0.234	
			1	74	0.234	

			36	0	0.166	
			36	29	0.174	
			36	30	0.170	
			75	0	0.170	
	2562.5	21375		1	0	0.229
				1	37	0.224
				1	74	0.229
				36	0	0.170
				36	29	0.170
				36	30	0.166
				75	0	0.166

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ERP/EIRP (W)
64QAM	2507.5	20825	15	1	0	0.155
				1	37	0.155
				1	74	0.155
				36	0	0.155
				36	29	0.155
				36	30	0.155
				75	0	0.155
	2535	21100		1	0	0.170
				1	37	0.170
				1	74	0.170
				36	0	0.170
				36	29	0.170
				36	30	0.170
				75	0	0.170
	2562.5	21375		1	0	0.166
				1	37	0.166
				1	74	0.166
				36	0	0.166
				36	29	0.166
				36	30	0.166
				75	0	0.166

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ERP/EIRP (W)
QPSK	2510	20850	20	1	0	0.245
				1	49	0.251
				1	99	0.251
				50	0	0.186
				50	24	0.191
				50	50	0.191
				100	0	0.186
	2535	21100		1	0	0.257
				1	49	0.275
				1	99	0.275
				50	0	0.200
				50	24	0.209
				50	50	0.209
				100	0	0.204
	2560	21350		1	0	0.263
				1	49	0.240
				1	99	0.240
				50	0	0.214
				50	24	0.209
				50	50	0.209
				100	0	0.214
16QAM	2510	20850	1	0	0.204	
			1	49	0.214	
			1	99	0.214	
			50	0	0.151	
			50	24	0.151	
			50	50	0.151	
			100	0	0.155	
	2535	21100	1	0	0.209	
			1	49	0.224	
			1	99	0.219	

			50	0	0.162	
			50	24	0.170	
			50	50	0.166	
			100	0	0.166	
	2560	21350		1	0	0.245
				1	49	0.240
				1	99	0.240
				50	0	0.174
				50	24	0.170
				50	50	0.170
				100	0	0.174

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	ERP/EIRP (W)
64QAM	2510	20850	20	1	0	0.155
				1	49	0.151
				1	99	0.151
				50	0	0.151
				50	24	0.151
				50	50	0.151
				100	0	0.151
	2535	21100		1	0	0.166
				1	49	0.166
				1	99	0.166
				50	0	0.162
				50	24	0.166
				50	50	0.166
				100	0	0.166
	2560	21350		1	0	0.174
				1	49	0.170
				1	99	0.174
				50	0	0.174
				50	24	0.170
				50	50	0.170
				100	0	0.170