

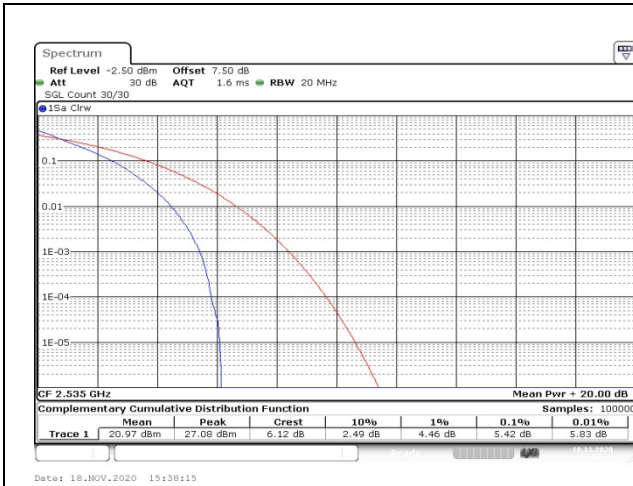


Fig.31

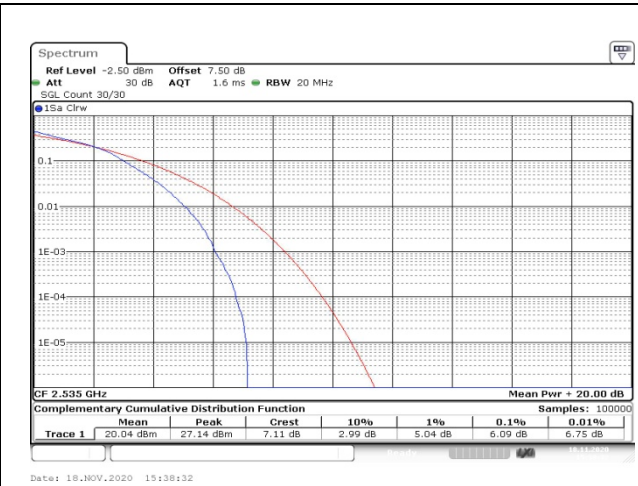


Fig.32

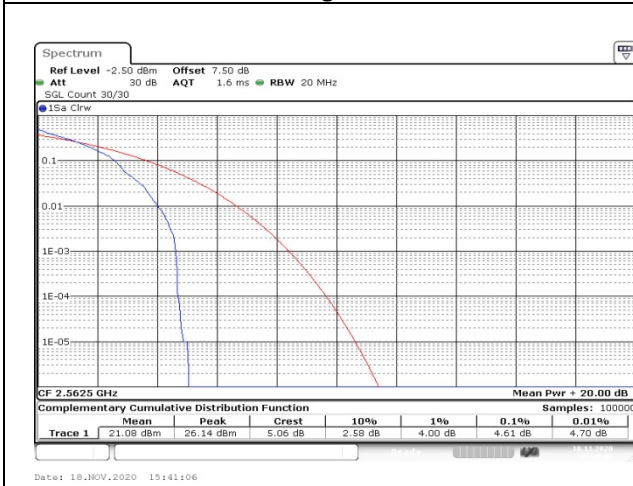


Fig.33

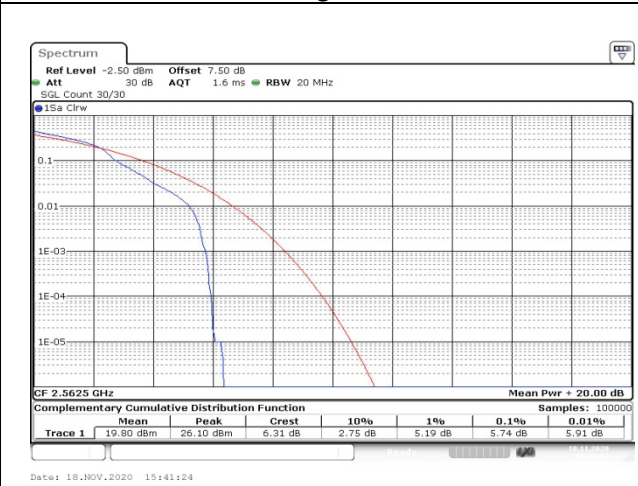


Fig.34

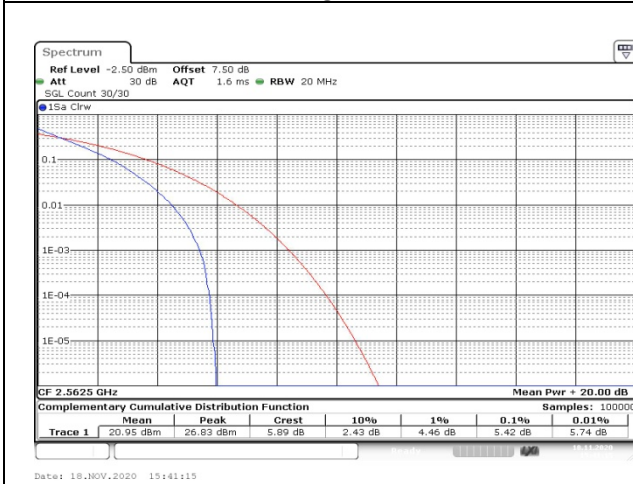


Fig.35

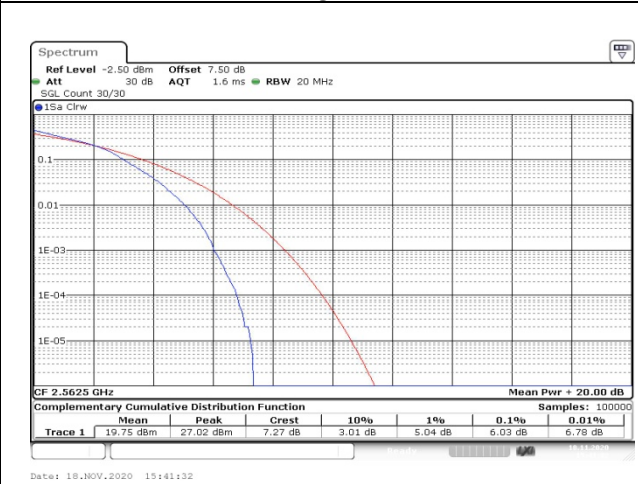


Fig.36

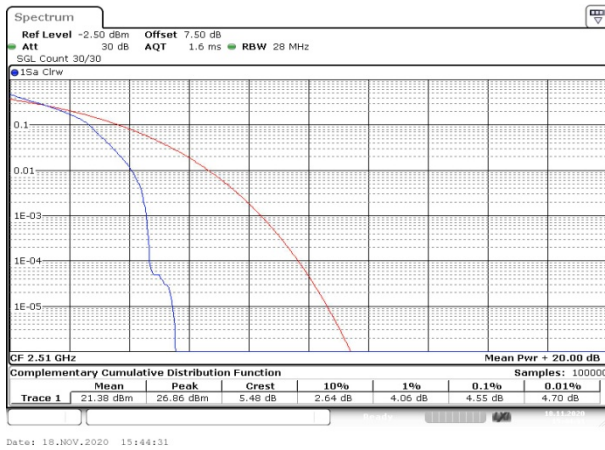


Fig.37

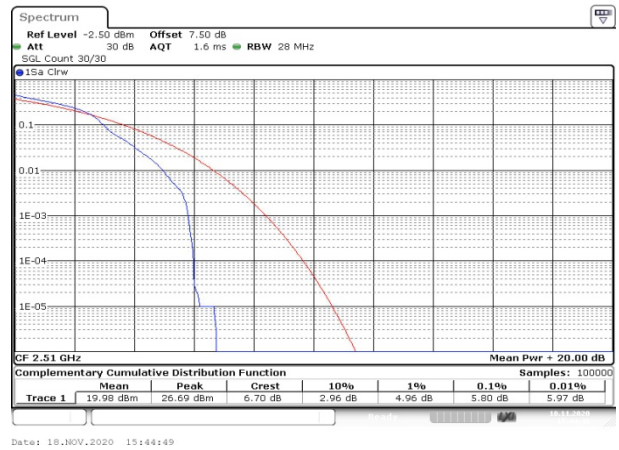


Fig.38

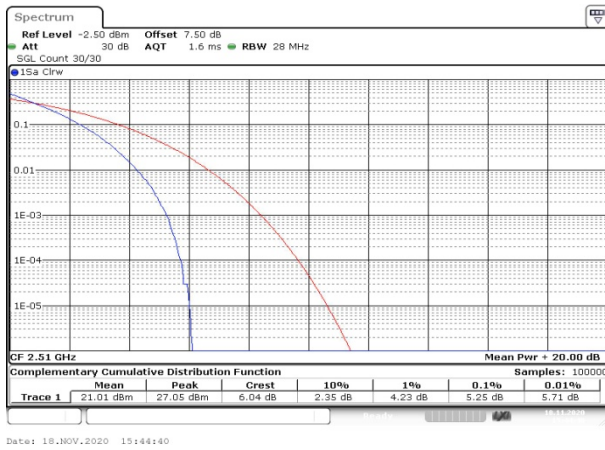


Fig.39

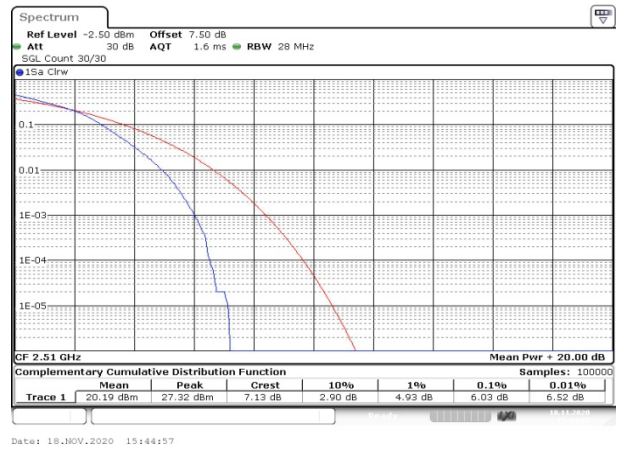


Fig.40

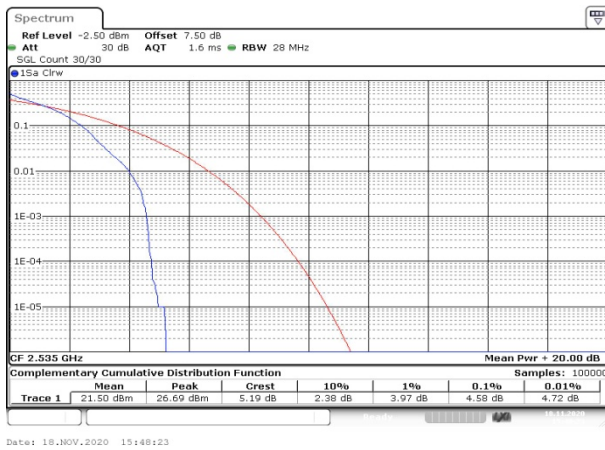


Fig.41

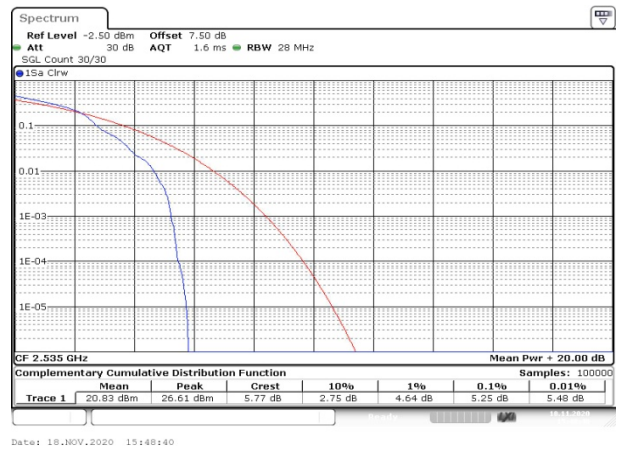


Fig.42

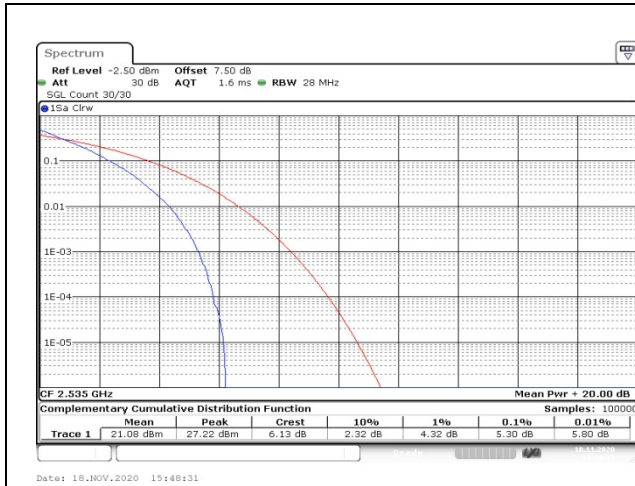


Fig.43

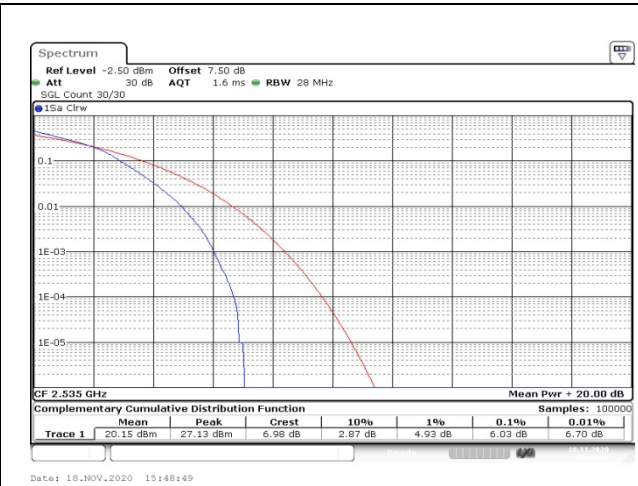


Fig.44

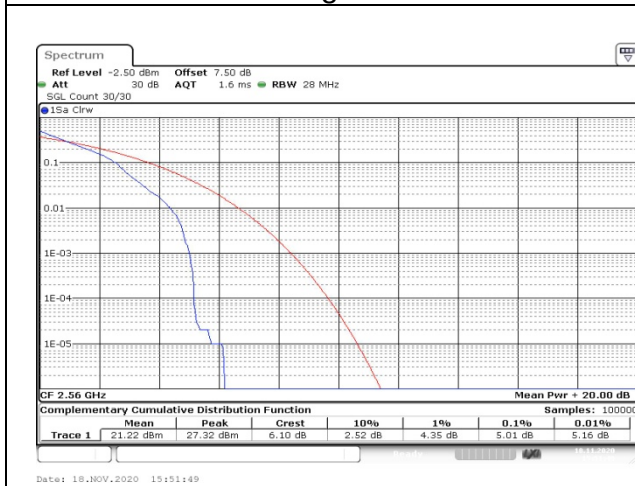


Fig.45

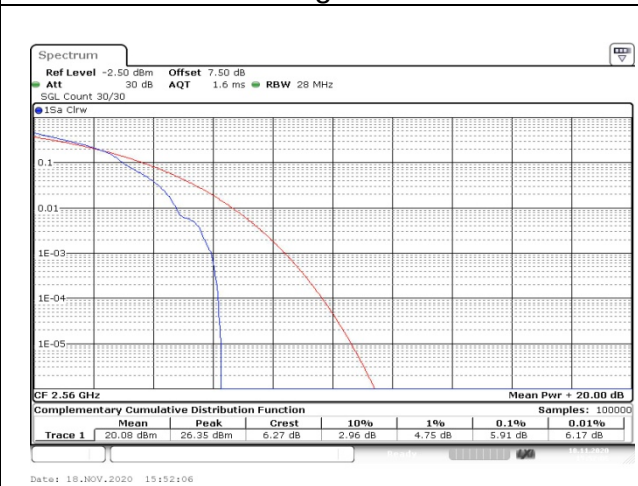


Fig.46

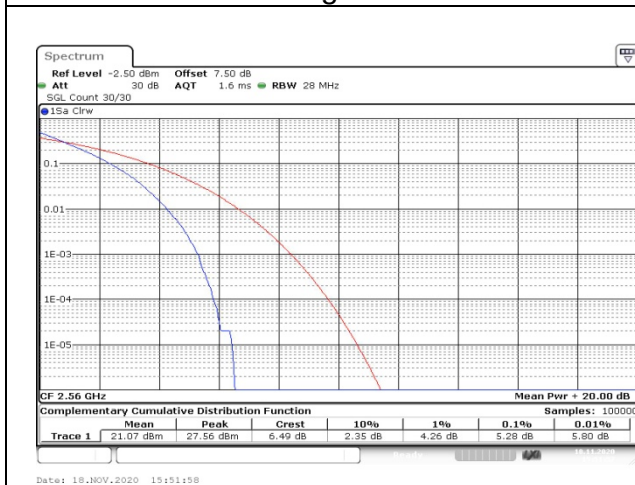


Fig.47

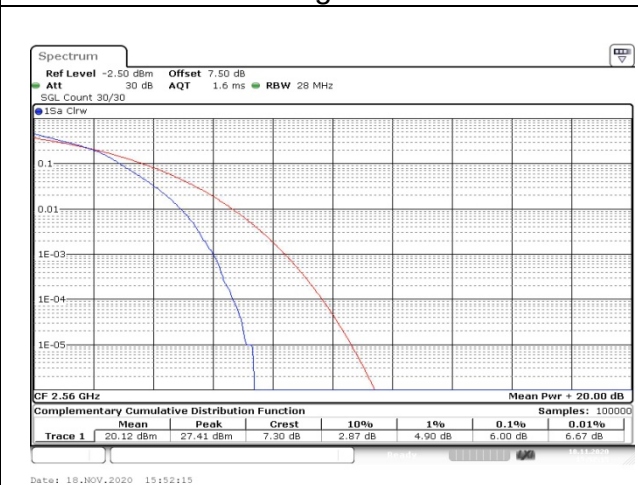


Fig.48

Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
7	2510	20850	20	1	99	Fig.1
	2535	21100		1	99	Fig.2
	2560	21350		1	99	Fig.3

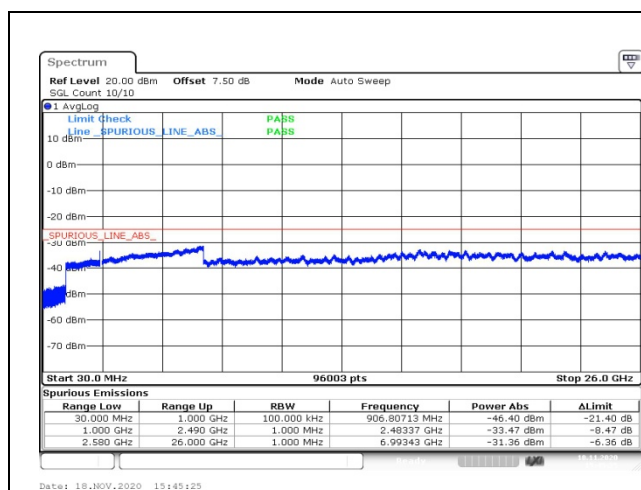


Fig.1

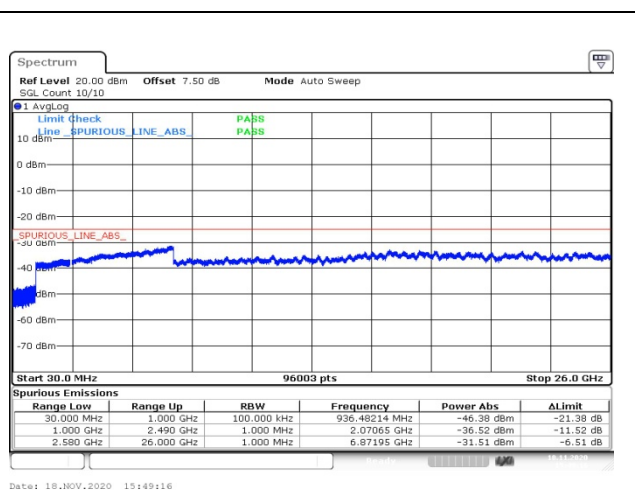


Fig.2

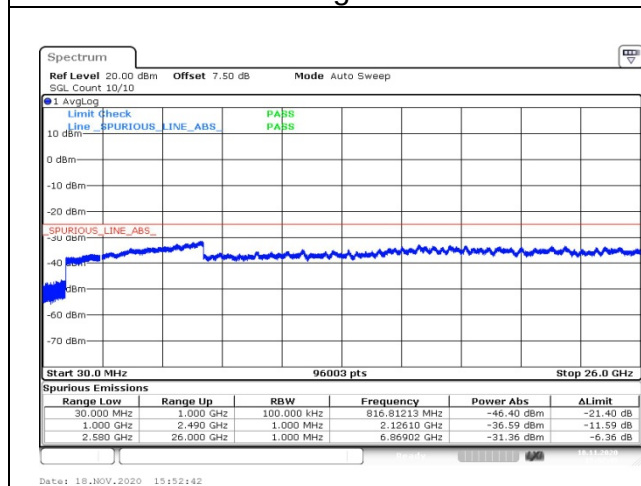


Fig.3

Band Edges Compliance

Band Edges Plot						
Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
7	2502.5	20775	5	1	0	Fig.1
				25	0	Fig.2
	2567.5	21425		1	24	Fig.3
				25	0	Fig.4
	2505	20800	10	1	0	Fig.5
				50	0	Fig.6
	2565	21400		1	49	Fig.7
				50	0	Fig.8
	2507.5	20825	15	1	0	Fig.9
				75	0	Fig.10
	2562.5	21375		1	74	Fig.11
				75	0	Fig.12
	2510	20850	20	1	0	Fig.13
				100	0	Fig.14
	2560	21350		1	99	Fig.15
				100	0	Fig.16

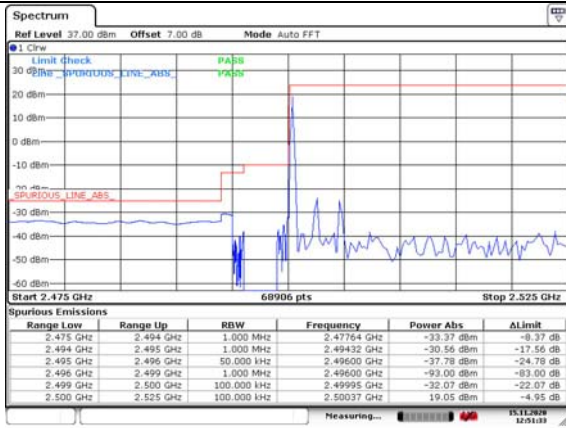


Fig.1

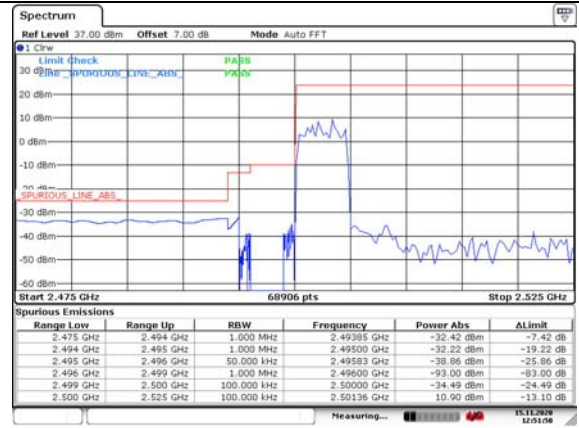


Fig.2

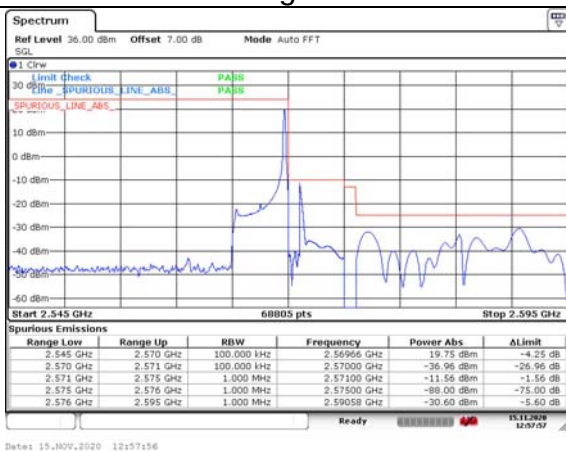


Fig.3

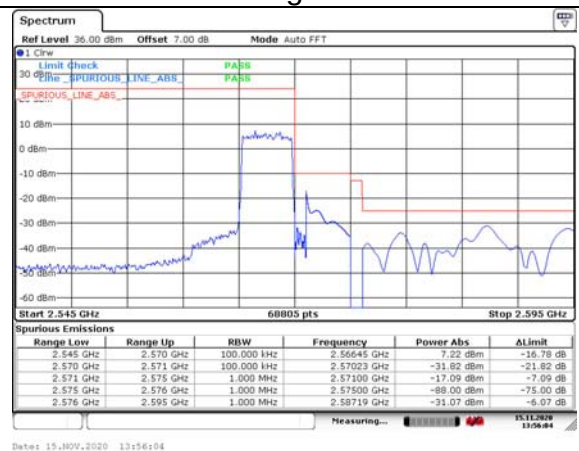


Fig.4

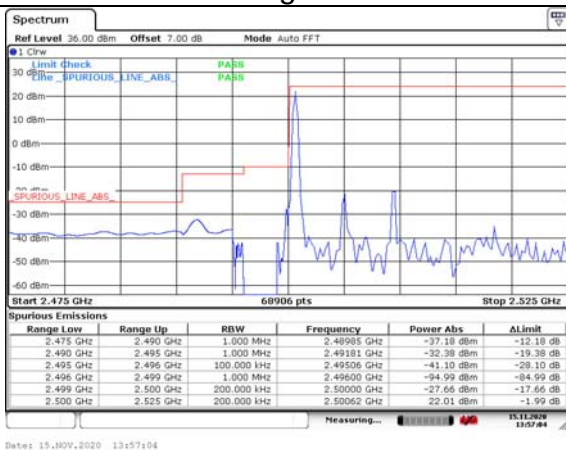


Fig.5

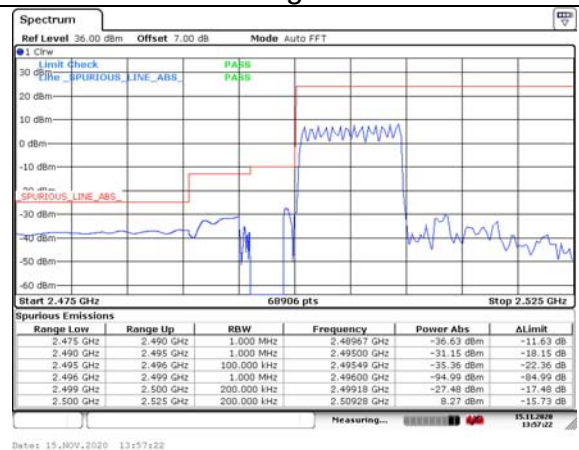
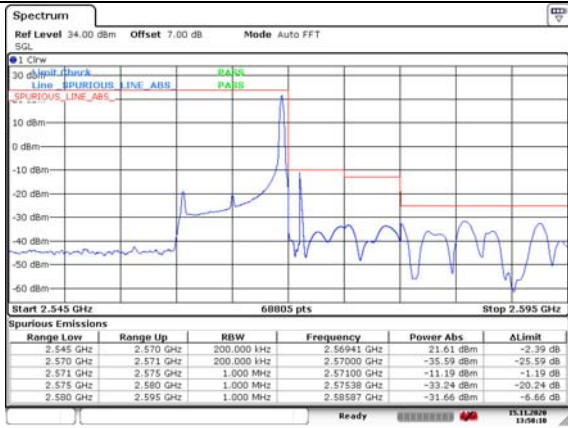


Fig.6



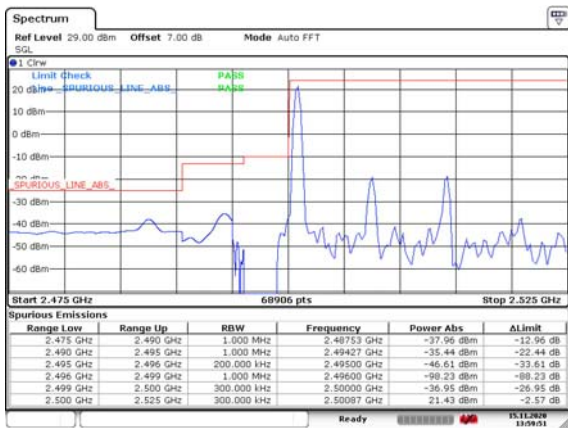
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Fig.7



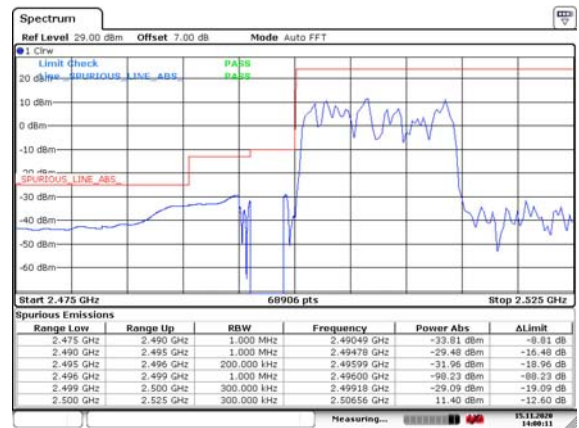
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Fig.8



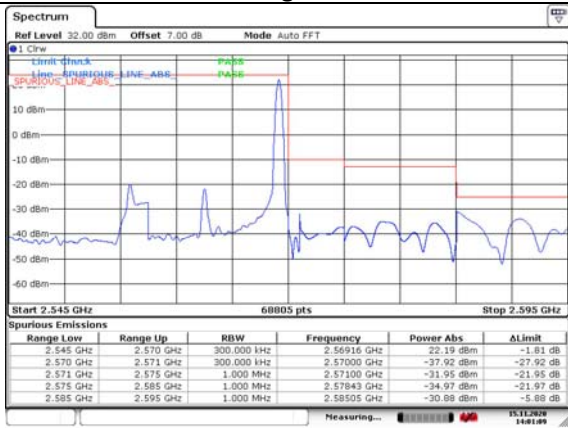
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Fig.9



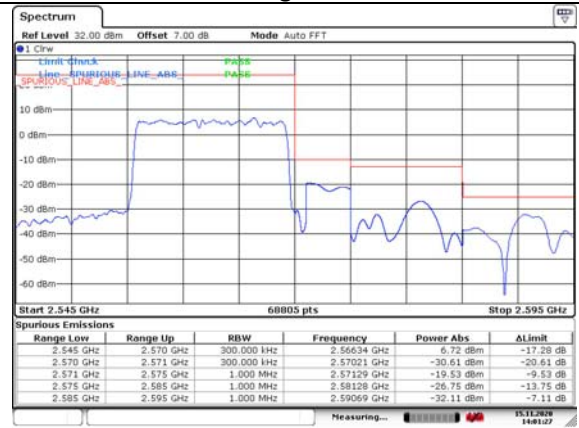
Date: 15.NOV.2020 14:00:10

Fig.10



Date: 15.NOV.2020 14:01:09

Fig.11



Date: 15.NOV.2020 14:01:27

Fig.12

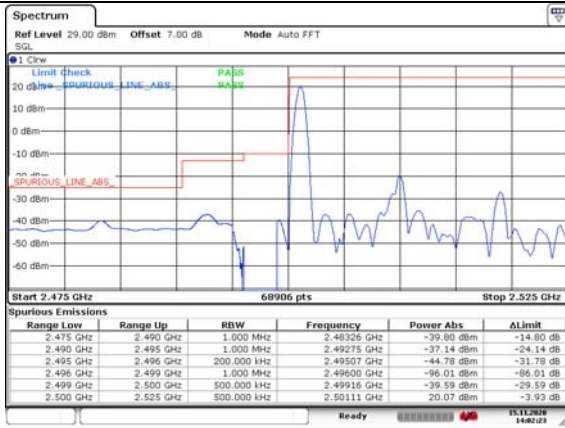


Fig.13

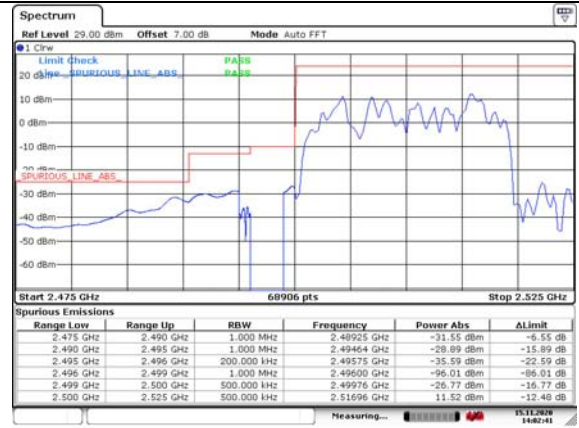


Fig.14

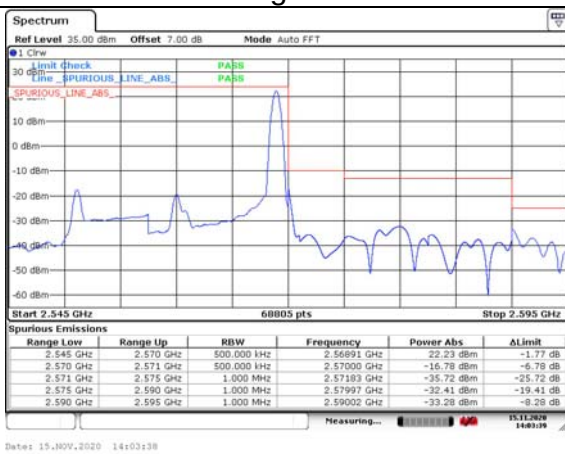


Fig.15

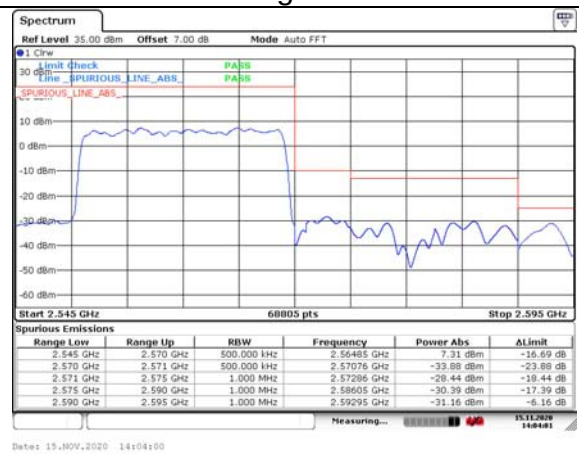


Fig.16

Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band7 Low Channel QPSK			
		5M	10M	15M	20M
0	NV	0.008	0.009	-0.013	0.003
+10	NV	0.016	0.002	0.006	0.006
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.001	0.009	-0.010	-0.011
+40	NV	0.002	0.010	-0.005	0.008
+50	NV	0.020	0.006	-0.009	-0.014
+20	LV	0.013	0.005	-0.005	0.002
+20	HV	0.013	0.005	-0.005	0.002

Temperature(°C)	Voltage	Test Result (ppm) Band7 High Channel QPSK			
		5M	10M	15M	20M
0	NV	-0.006	-0.019	0.010	-0.008
+10	NV	0.002	-0.020	0.002	-0.009
+20	NV	0.000	0.000	0.000	0.000
+30	NV	-0.005	-0.012	0.000	0.001
+40	NV	0.002	-0.015	-0.009	-0.003
+50	NV	-0.001	-0.001	0.000	-0.007
+20	LV	0.005	-0.005	0.000	0.006
+20	HV	0.005	-0.005	0.000	0.006

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	2502.5	20775	5	1	0	22.25	21.47	0.140
				1	12	22.26	21.48	0.141
				1	24	22.32	21.54	0.143
				12	0	21.27	20.49	0.112
				12	7	21.26	20.48	0.112
				12	13	21.24	20.46	0.111
				25	0	21.17	20.39	0.109
	2535	21100		1	0	22.23	21.45	0.140
				1	12	22.33	21.55	0.143
				1	24	22.22	21.44	0.139
				12	0	21.29	20.51	0.112
				12	7	21.26	20.48	0.112
				12	13	21.26	20.48	0.112
				25	0	21.29	20.51	0.112
	2567.5	21425		1	0	22.11	21.33	0.136
				1	12	21.95	21.17	0.131
				1	24	21.93	21.15	0.130
				12	0	21.25	20.47	0.111
				12	7	21.09	20.31	0.107
				12	13	21.09	20.31	0.107
				25	0	21.16	20.38	0.109
16QAM	2502.5	20775		1	0	20.59	19.81	0.096
				1	12	20.53	19.75	0.094
				1	24	20.63	19.85	0.097
				12	0	20.27	19.49	0.089
				12	7	20.20	19.42	0.087
				12	13	20.19	19.41	0.087
				25	0	20.35	19.57	0.091
	2535	21100	1	0	21.24	20.46	0.111	
			1	12	21.17	20.39	0.109	
			1	24	21.17	20.39	0.109	
			12	0	20.33	19.55	0.090	
			12	7	20.28	19.50	0.089	
			12	13	20.39	19.61	0.091	
			25	0	20.27	19.49	0.089	
	2567.5	21425	1	0	20.69	19.91	0.098	
			1	12	20.73	19.95	0.099	
			1	24	20.73	19.95	0.099	
			12	0	20.16	19.38	0.087	
			12	7	20.01	19.23	0.084	
			12	13	20.01	19.23	0.084	
			25	0	20.16	19.38	0.087	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)	
QPSK	2505	20800	10	1	0	22.17	21.39	0.138	
				1	25	22.14	21.36	0.137	
				1	49	22.14	21.36	0.137	
				25	0	21.27	20.49	0.112	
				25	12	21.30	20.52	0.113	
				25	25	21.30	20.52	0.113	
				50	0	21.34	20.56	0.114	
	2535	21100		1	0	22.19	21.41	0.138	
				1	25	22.19	21.41	0.138	
				1	49	22.33	21.55	0.143	
				25	0	21.28	20.50	0.112	
				25	12	21.33	20.55	0.114	
				25	25	21.33	20.55	0.114	
				50	0	21.24	20.46	0.111	
	2565	21400		1	0	22.33	21.55	0.143	
				1	25	22.22	21.44	0.139	
				1	49	22.01	21.23	0.133	
				25	0	21.14	20.36	0.109	
				25	12	21.15	20.37	0.109	
				25	25	21.20	20.42	0.110	
				50	0	21.17	20.39	0.109	
	16QAM	2505		20800	1	0	21.75	20.97	0.125
					1	25	21.76	20.98	0.125
					1	49	21.61	20.83	0.121
25					0	20.37	19.59	0.091	
25					12	20.36	19.58	0.091	
25					25	20.31	19.53	0.090	
50					0	20.52	19.74	0.094	
2535		21100		1	0	21.45	20.67	0.117	
				1	25	21.49	20.71	0.118	
				1	49	21.49	20.71	0.118	
				25	0	20.30	19.52	0.090	
				25	12	20.33	19.55	0.090	
				25	25	20.33	19.55	0.090	
				50	0	20.36	19.58	0.091	
2565		21400		1	0	21.09	20.31	0.107	
				1	25	20.94	20.16	0.104	
				1	49	21.02	20.24	0.106	
				25	0	20.44	19.66	0.092	
				25	12	20.35	19.57	0.091	
				25	25	20.40	19.62	0.092	
				50	0	20.26	19.48	0.089	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2507.5	20825	15	1	0	22.33	21.55	0.143
				1	37	22.19	21.41	0.138
				1	74	22.19	21.41	0.138
				36	0	21.45	20.67	0.117
				36	29	21.16	20.38	0.109
				36	30	21.17	20.39	0.109
				75	0	21.28	20.50	0.112
	2535	21100		1	0	22.27	21.49	0.141
				1	37	22.27	21.49	0.141
				1	74	22.27	21.49	0.141
				36	0	21.18	20.40	0.110
				36	29	21.15	20.37	0.109
				36	30	21.14	20.36	0.109
				75	0	21.31	20.53	0.113
	2562.5	21375		1	0	22.21	21.43	0.139
				1	37	22.26	21.48	0.141
				1	74	22.24	21.46	0.140
				36	0	21.37	20.59	0.115
				36	29	21.15	20.37	0.109
				36	30	21.15	20.37	0.109
				75	0	21.25	20.47	0.111
16QAM	2507.5	20825	1	0	21.72	20.94	0.124	
			1	37	21.73	20.95	0.124	
			1	74	21.73	20.95	0.124	
			36	0	20.61	19.83	0.096	
			36	29	20.41	19.63	0.092	
			36	30	20.42	19.64	0.092	
			75	0	20.33	19.55	0.090	
	2535	21100	1	0	22.06	21.28	0.134	
			1	37	22.02	21.24	0.133	
			1	74	22.02	21.24	0.133	
			36	0	20.29	19.51	0.089	
			36	29	20.37	19.59	0.091	
			36	30	20.32	19.54	0.090	
			75	0	20.43	19.65	0.092	
	2562.5	21375	1	0	21.61	20.83	0.121	
			1	37	21.48	20.70	0.117	
			1	74	21.47	20.69	0.117	
			36	0	20.35	19.57	0.091	
			36	29	20.15	19.37	0.086	
			36	30	20.40	19.62	0.092	
			75	0	20.23	19.45	0.088	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	2510	20850	20	1	0	22.36	21.58	0.144
				1	49	22.27	21.49	0.141
				1	99	22.26	21.48	0.141
				50	0	21.39	20.61	0.115
				50	24	21.26	20.48	0.112
				50	50	21.26	20.48	0.112
				100	0	21.18	20.40	0.110
	2535	21100		1	0	22.58	21.80	0.151
				1	49	22.60	21.82	0.152
				1	99	22.59	21.81	0.152
				50	0	21.15	20.37	0.109
				50	24	21.24	20.46	0.111
				50	50	21.24	20.46	0.111
				100	0	21.25	20.47	0.111
	2560	21350		1	0	22.39	21.61	0.145
				1	49	22.31	21.53	0.142
				1	99	22.24	21.46	0.140
				50	0	21.25	20.47	0.111
				50	24	21.37	20.59	0.115
				50	50	21.37	20.59	0.115
				100	0	21.28	20.50	0.112
16QAM	2510	20850		1	0	21.16	20.38	0.109
				1	49	21.01	20.23	0.105
				1	99	20.91	20.13	0.103
				50	0	20.53	19.75	0.094
				50	24	20.34	19.56	0.090
				50	50	20.34	19.56	0.090
				100	0	20.28	19.50	0.089
	2535	21100		1	0	21.56	20.78	0.120
				1	49	21.60	20.82	0.121
				1	99	21.56	20.78	0.120
				50	0	20.49	19.71	0.094
				50	24	20.49	19.71	0.094
				50	50	20.41	19.63	0.092
				100	0	20.35	19.57	0.091
	2560	21350		1	0	22.07	21.29	0.135
				1	49	21.90	21.12	0.129
				1	99	21.90	21.12	0.129
				50	0	20.40	19.62	0.092
				50	24	20.35	19.57	0.091
				50	50	20.35	19.57	0.091
				100	0	20.44	19.66	0.092