

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 12

RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	699.7	23017	1.4	1	0	22.52
				1	3	22.51
				1	5	22.46
				3	0	22.42
				3	1	22.48
				3	3	22.44
	6	0		21.51		
	1	0		22.10		
	1	3		22.06		
	1	5		22.05		
	3	0		21.33		
	3	1		21.32		
	3	3		21.31		
	6	0		20.95		
	1	0		22.26		
	1	3		22.29		
	1	5		22.23		
	3	0		22.20		
3	1	22.23				
3	3	22.18				
6	0	21.29				
16QAM	699.7	23017	1	0	21.82	
			1	3	21.96	
			1	5	21.87	
			3	0	21.46	
			3	1	21.34	
			3	3	21.50	
	6	0	21.08			
	1	0	21.79			
	1	3	21.83			
	1	5	21.65			
	3	0	21.28			
	3	1	21.27			
	3	3	21.42			
	6	0	20.92			
	1	0	21.59			
	1	3	21.74			
	1	5	21.63			
	3	0	21.24			
3	1	21.11				
3	3	21.28				
6	0	20.86				
715.3	23173	1	0	21.59		
		1	3	21.74		
		1	5	21.63		
		3	0	21.24		
		3	1	21.11		
		3	3	21.28		

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	700.5	23025	3	1	0	22.43
				1	8	22.46
				1	14	22.45
				8	0	21.44
				8	4	21.41
				8	7	21.41
	15	0		21.43		
	707.5	23095		1	0	22.34
				1	8	22.40
				1	14	22.39
				8	0	21.30
				8	4	21.29
				8	7	21.30
	15	0		21.31		
	714.5	23165		1	0	22.40
1			8	22.47		
1			14	22.46		
8			0	21.23		
8			4	21.37		
8			7	21.37		
16QAM	700.5	23025	15	0	21.15	
			1	0	21.67	
			1	8	21.61	
			1	14	21.61	
			8	0	21.16	
			8	4	21.00	
	8	7	21.10			
	15	0	21.01			
	707.5	23095	1	0	21.62	
			1	8	21.54	
			1	14	21.54	
			8	0	20.44	
			8	4	20.82	
			8	7	20.82	
	15	0	20.77			
714.5	23165	1	0	21.01		
		1	8	21.14		
		1	14	21.04		
		8	0	20.55		
		8	4	20.96		
		8	7	20.96		
15	0	20.46				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	701.5	23035	5	1	0	22.29
				1	12	22.34
				1	24	22.41
				12	0	21.20
				12	7	21.45
				12	13	21.45
	25	0		21.40		
	1	0		22.51		
	1	12		22.51		
	1	24		22.39		
	12	0		21.38		
	12	7		21.34		
	12	13		21.34		
	25	0		21.38		
	1	0		22.34		
	1	12		22.21		
	1	24		22.25		
	16QAM	701.5		23035	5	12
12			7			21.15
12			13			21.13
25			0			21.12
1			0			20.59
1			12			20.71
1		24	20.57			
12		0	20.89			
12		7	20.87			
12		13	20.72			
25		0	20.89			
1		0	21.34			
1		12	21.40			
1		24	21.40			
12		0	20.32			
12		7	20.93			
12		13	20.87			
25		0	20.96			
713.5	23155	5	1	0	21.07	
			1	12	20.97	
			1	24	20.97	
			12	0	20.64	
			12	7	20.18	
			12	13	20.18	
			25	0	20.25	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	704	23060	10	1	0	22.32
				1	25	22.35
				1	49	22.34
				25	0	21.46
				25	12	21.29
				25	25	21.29
	50	0		21.41		
	1	0		22.41		
	1	25		22.40		
	1	49		22.39		
	25	0		21.32		
	25	12		21.46		
	25	25		21.47		
	50	0		21.34		
	1	0		22.48		
	1	25		22.47		
	1	49		22.46		
	25	0		21.32		
25	12	21.18				
25	25	21.17				
50	0	21.38				
16QAM	704	23060	10	1	0	21.49
				1	25	21.28
				1	49	21.28
				25	0	20.81
				25	12	20.33
				25	25	20.33
	50	0		20.51		
	1	0		22.01		
	1	25		22.11		
	1	49		22.11		
	25	0		20.20		
	25	12		20.49		
	25	25		20.50		
	50	0		20.88		
	1	0		21.18		
	1	25		21.08		
	1	49		21.04		
	25	0		20.93		
25	12	20.46				
25	25	20.46				
50	0	20.47				

Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)			
						QPSK		16-QAM	
12	699.7	23017	1.4	6	0	1.088	Fig.1	1.082	Fig.2
	707.5	23095		6	0	1.082	Fig.3	1.094	Fig.4
	715.3	23173		6	0	1.082	Fig.5	1.088	Fig.6
	700.5	23025	3	15	0	2.683	Fig.7	2.683	Fig.8
	707.5	23095		15	0	2.683	Fig.9	2.683	Fig.10
	714.5	23165		15	0	2.696	Fig.11	2.683	Fig.12
	701.5	23035	5	25	0	4.472	Fig.13	4.472	Fig.14
	707.5	23095		25	0	4.472	Fig.15	4.472	Fig.16
	713.5	23155		25	0	4.472	Fig.17	4.472	Fig.18
	704	23060	10	50	0	8.857	Fig.19	8.900	Fig.20
	707.5	23095		50	0	8.944	Fig.21	8.857	Fig.22
	711	23130		50	0	8.944	Fig.23	8.900	Fig.24

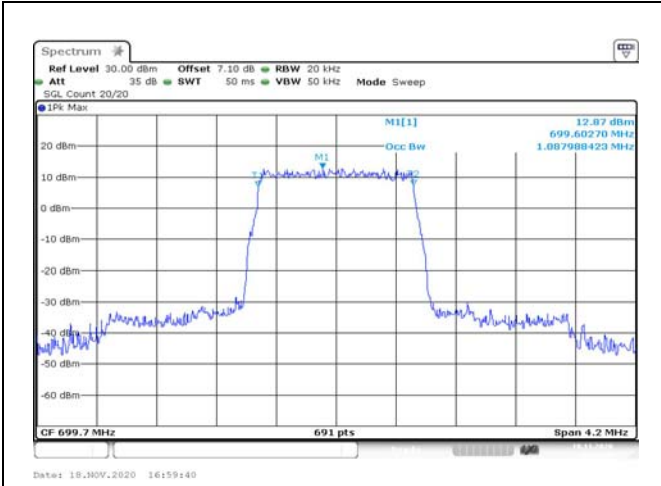


Fig.1

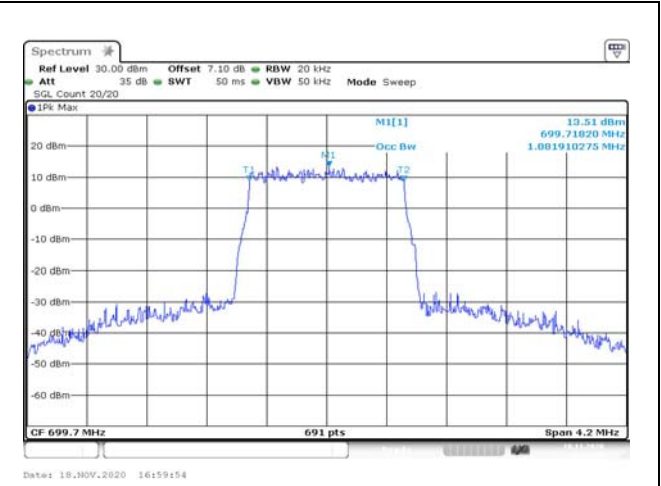


Fig.2

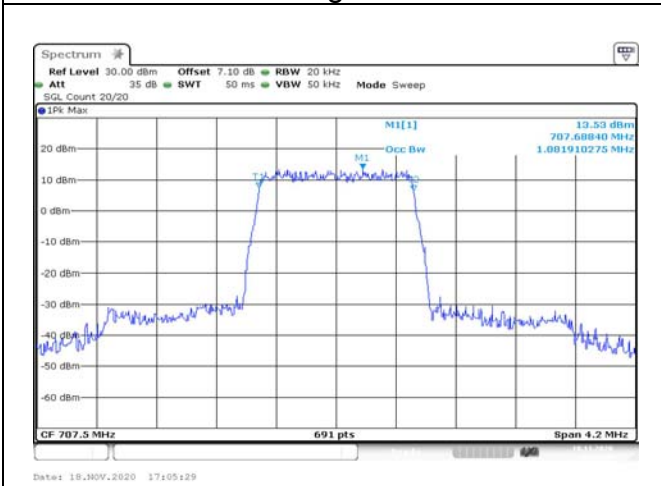


Fig.3

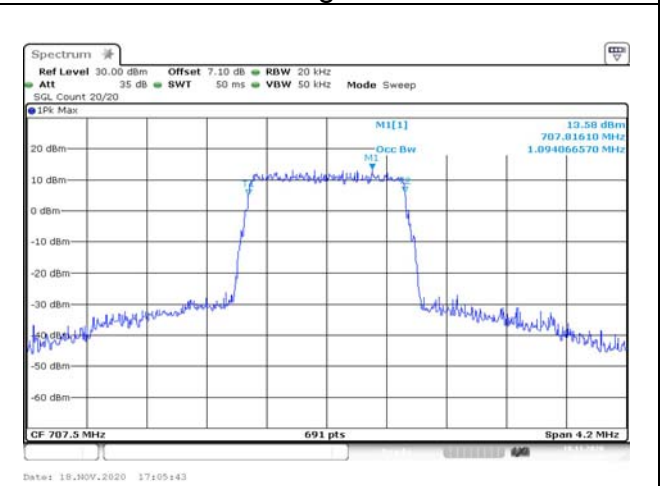


Fig.4

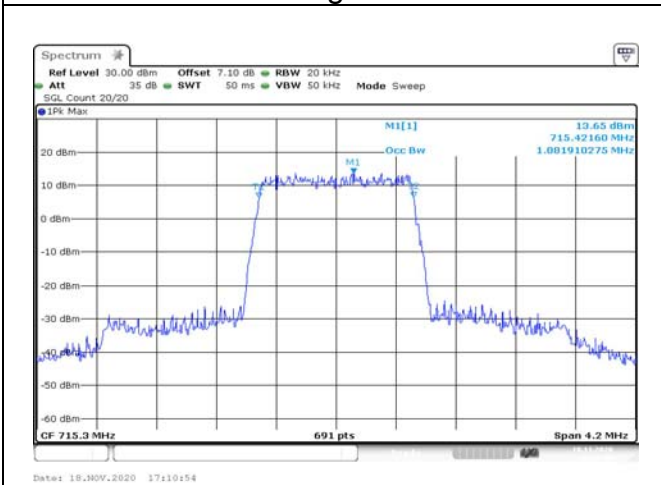


Fig.5

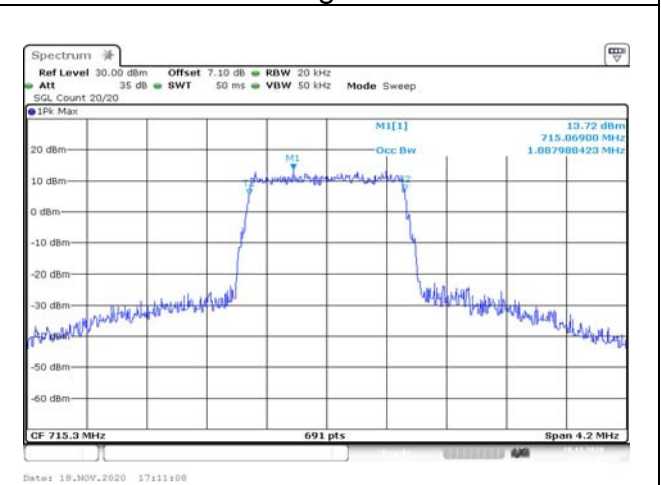


Fig.6

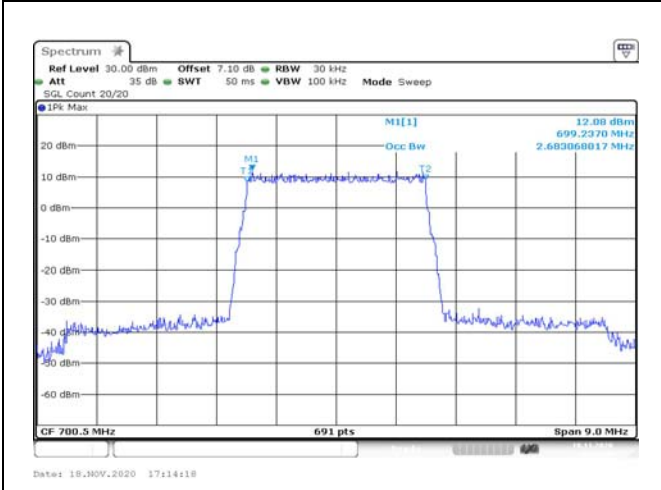


Fig.7

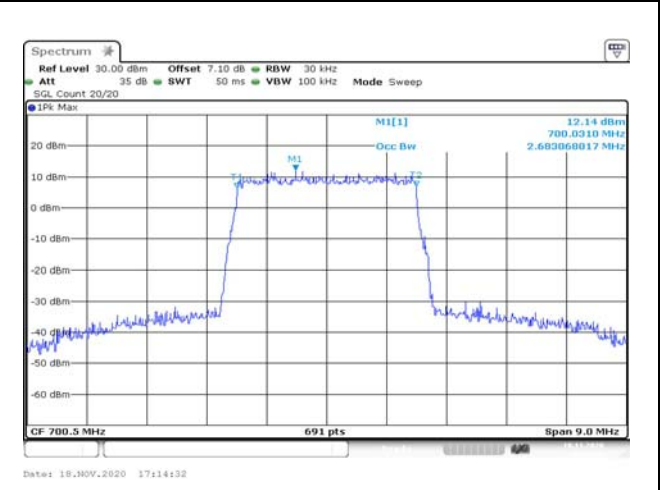


Fig.8

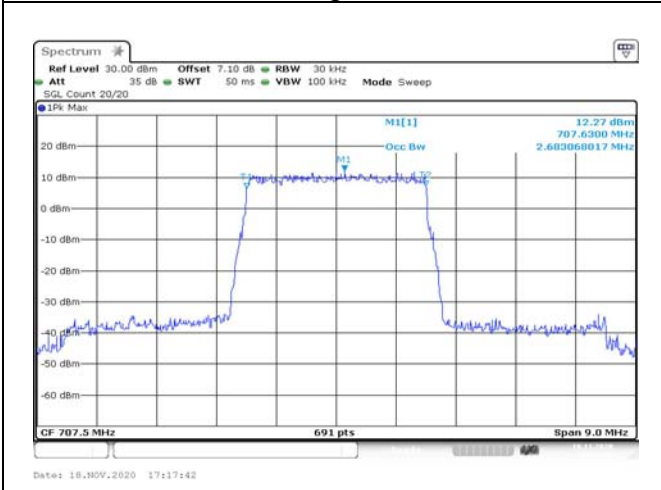


Fig.9

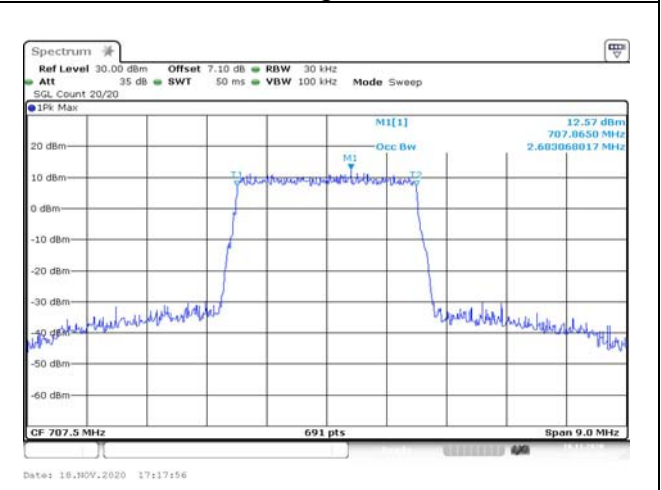


Fig.10

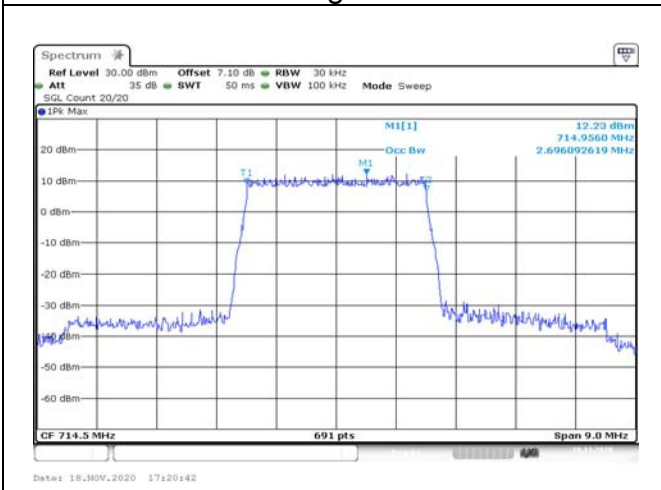


Fig.11

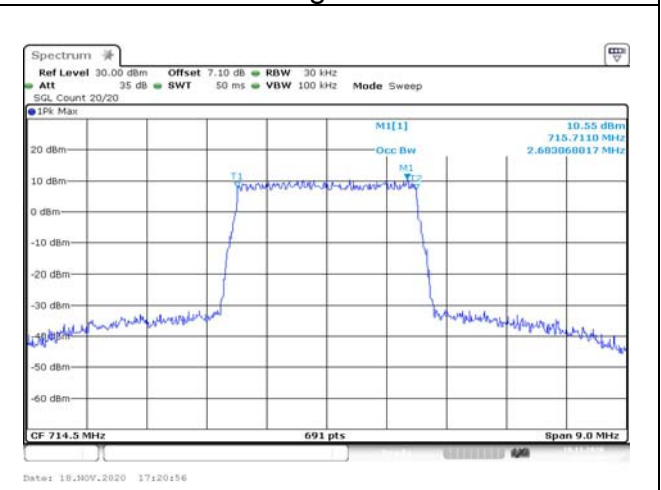


Fig.12

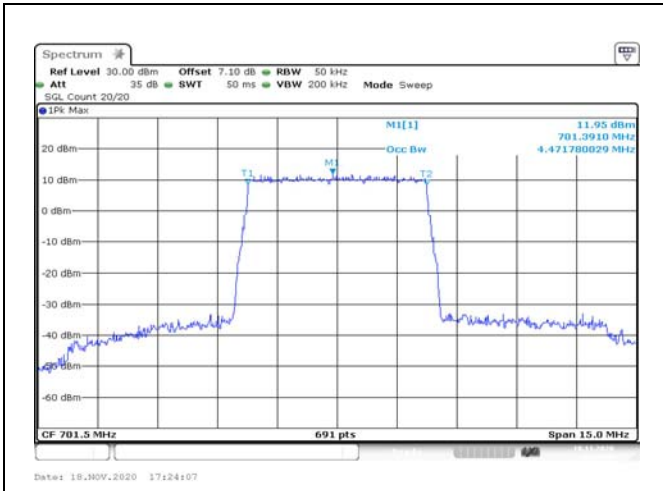


Fig.13

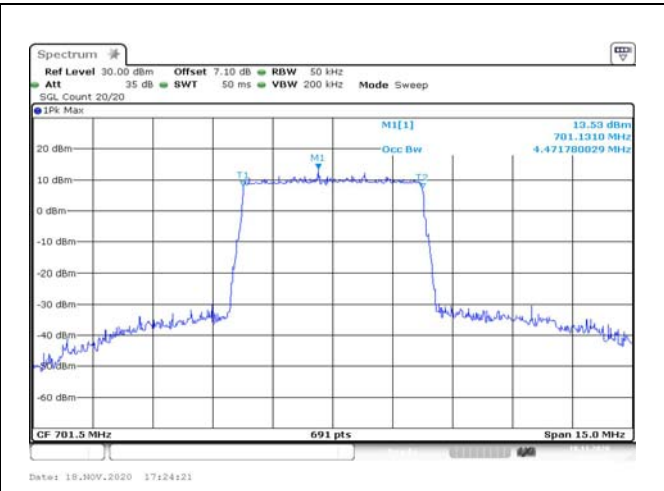


Fig.14

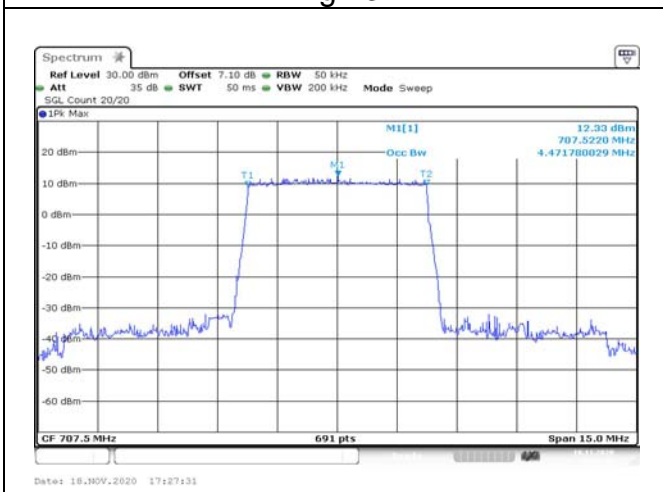


Fig.15

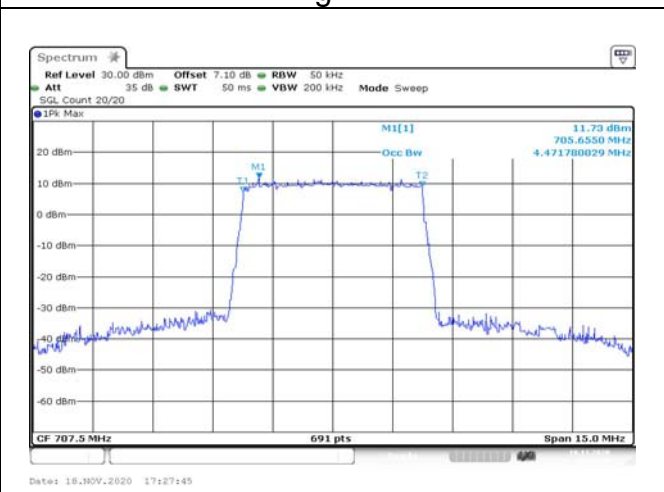


Fig.16

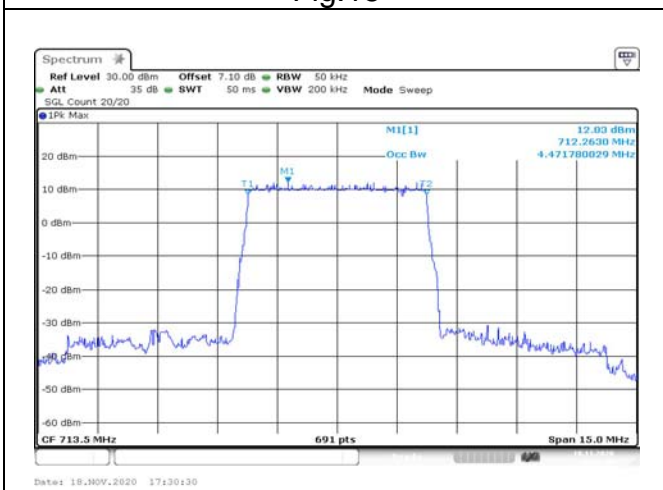


Fig.17

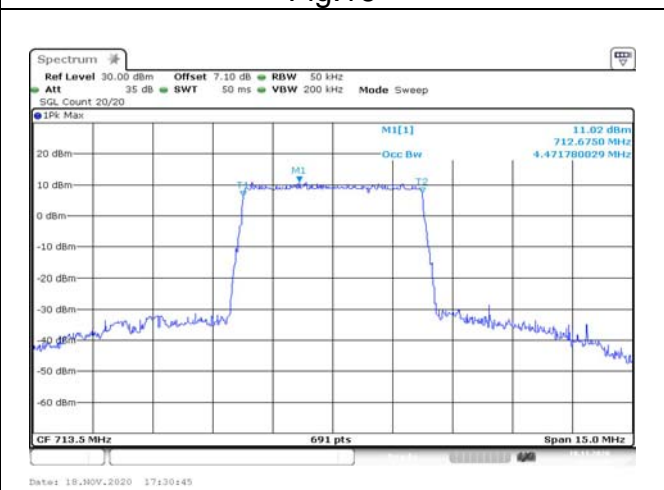


Fig.18

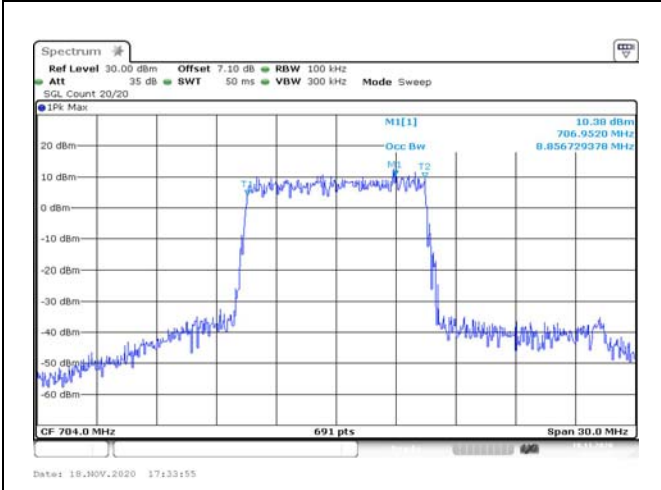


Fig.19

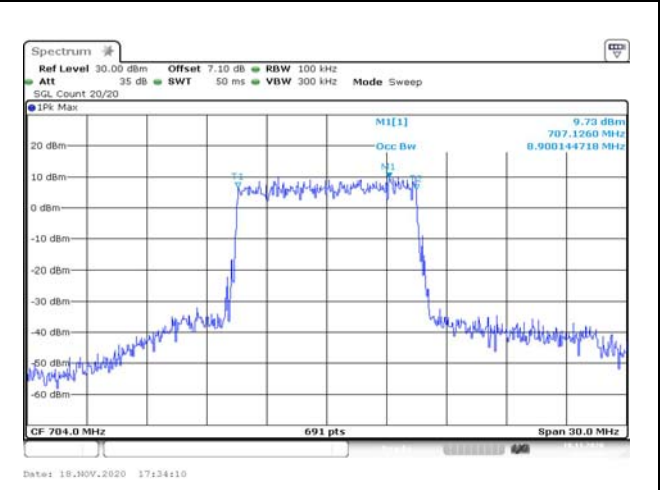


Fig.20

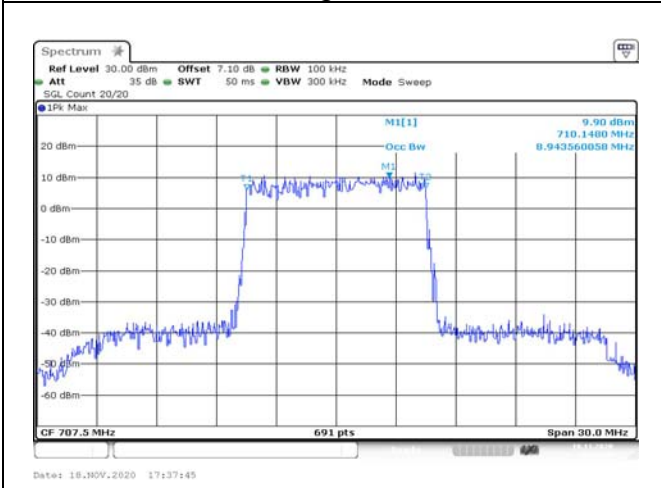


Fig.21

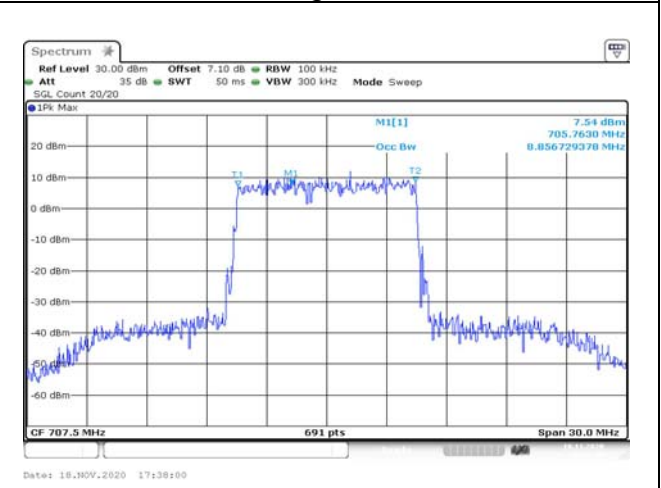


Fig.22

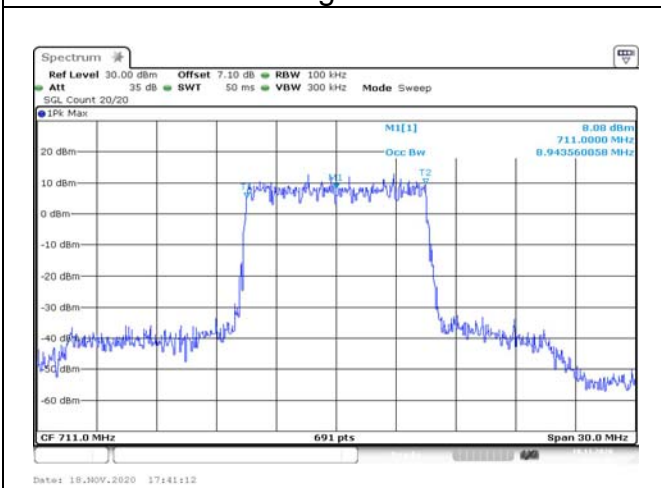


Fig.23

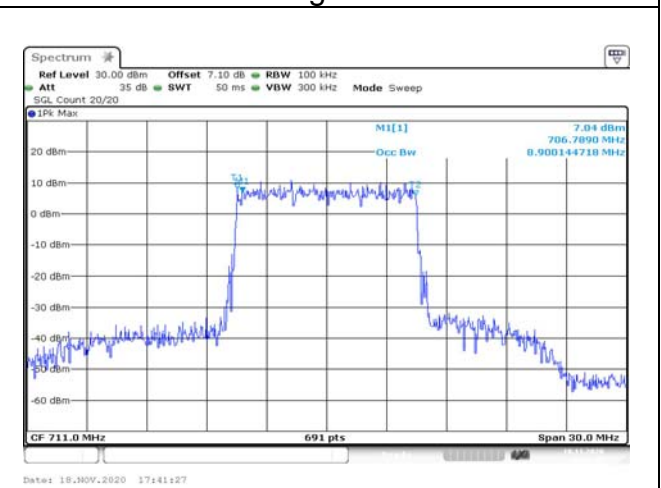


Fig.24

Emission Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)			
						QPSK		16-QAM	
12	699.7	23017	1.4	6	0	1.228	Fig.1	1.228	Fig.2
	707.5	23095		6	0	1.228	Fig.3	1.228	Fig.4
	715.3	23173		6	0	1.228	Fig.5	1.228	Fig.6
	700.5	23025	3	15	0	2.996	Fig.7	2.970	Fig.8
	707.5	23095		15	0	2.996	Fig.9	2.983	Fig.10
	714.5	23165		15	0	3.009	Fig.11	2.983	Fig.12
	701.5	23035	5	25	0	4.863	Fig.13	4.884	Fig.14
	707.5	23095		25	0	4.884	Fig.15	4.884	Fig.16
	713.5	23155		25	0	4.797	Fig.17	4.884	Fig.18
	704	23060	10	50	0	9.638	Fig.19	9.768	Fig.20
	707.5	23095		50	0	9.725	Fig.21	9.638	Fig.22
	711	23130		50	0	9.725	Fig.23	9.812	Fig.24

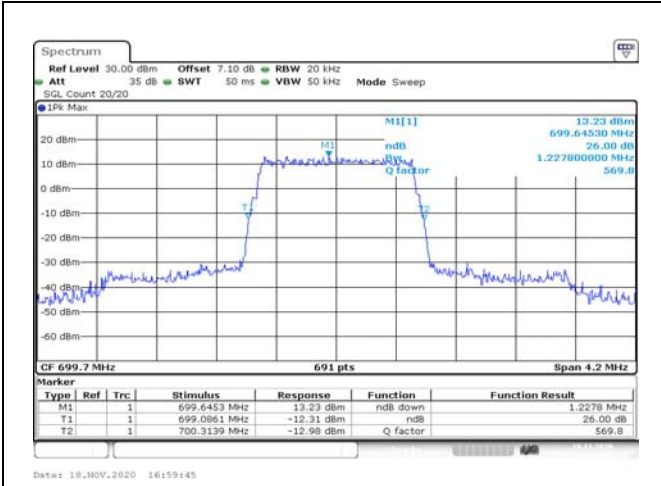


Fig.1

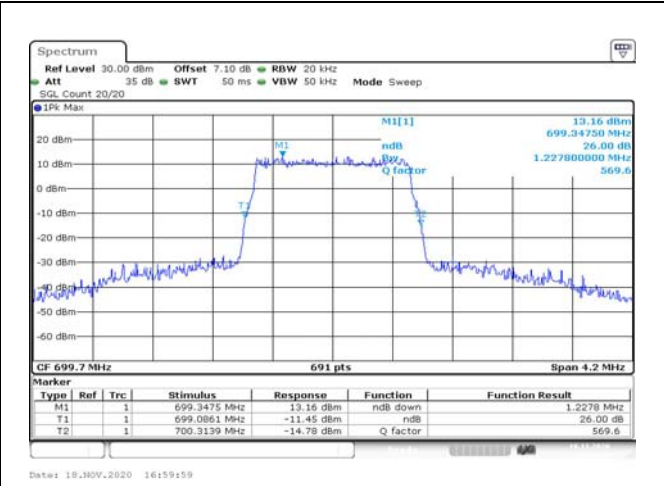


Fig.2

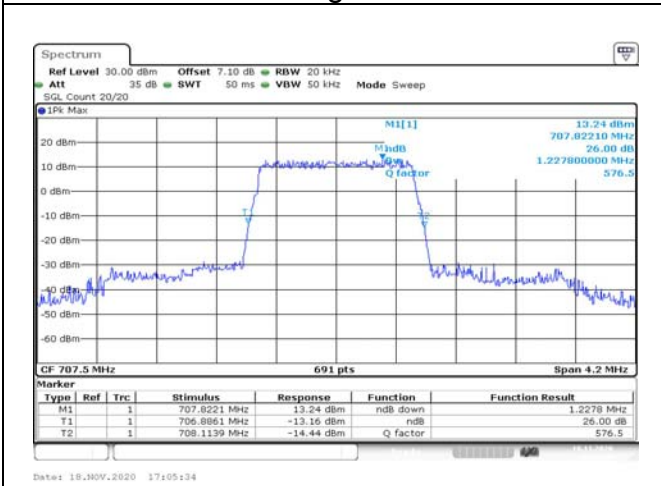


Fig.3

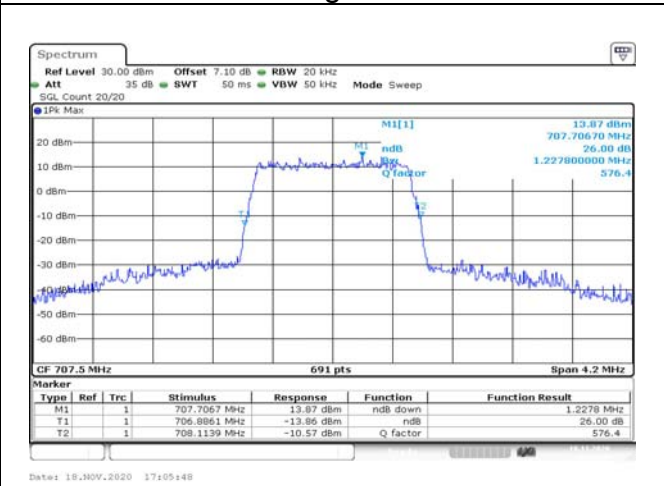


Fig.4

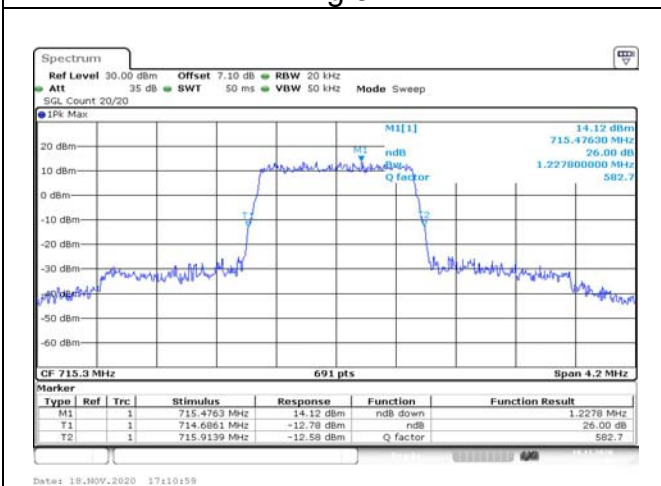


Fig.5

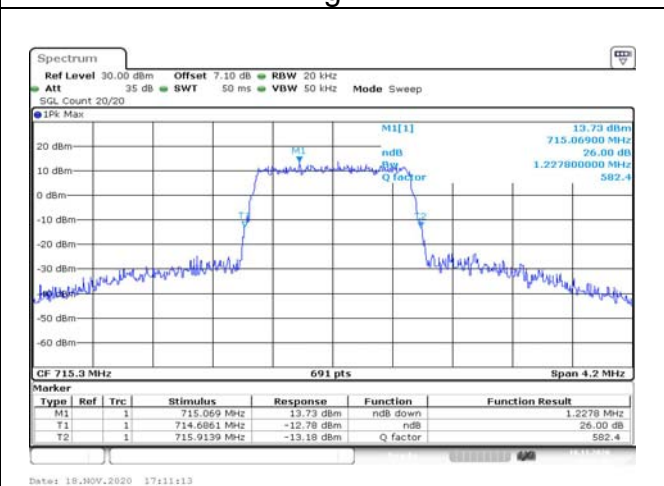


Fig.6



Fig.7



Fig.8

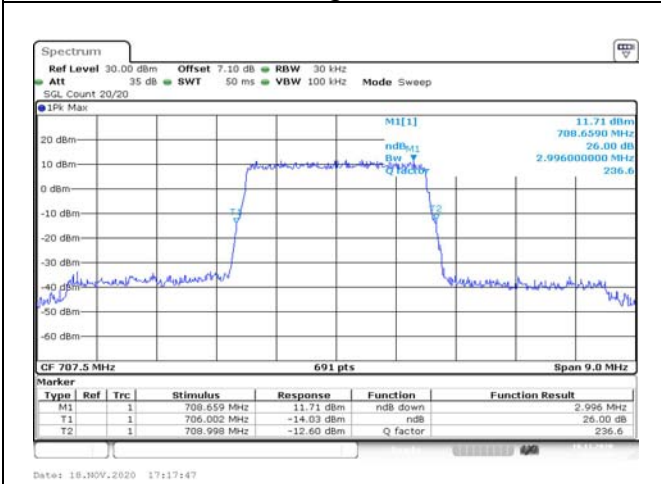


Fig.9

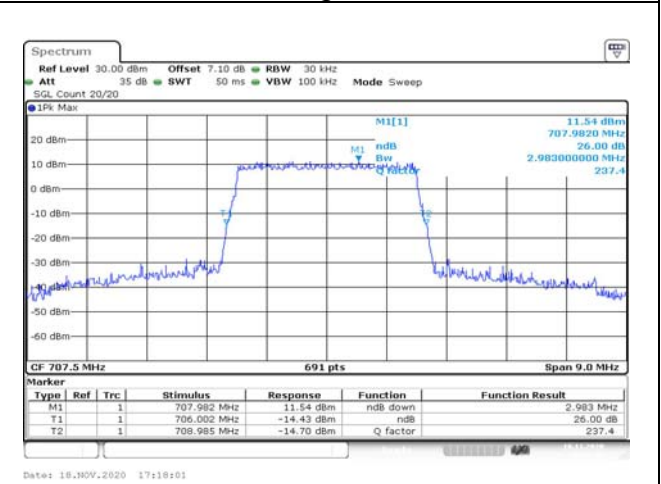


Fig.10

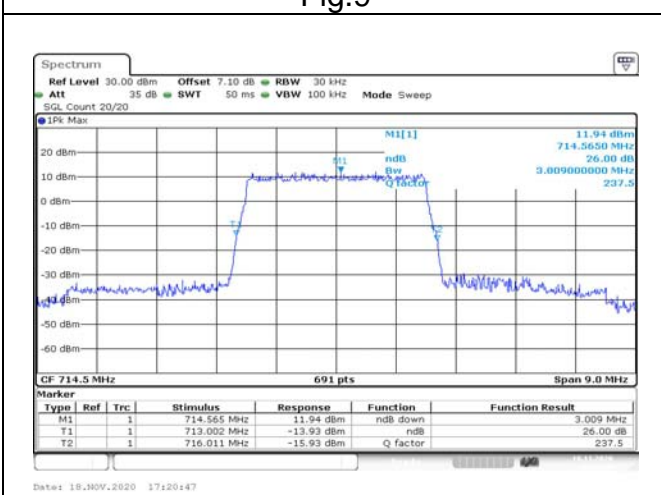


Fig.11

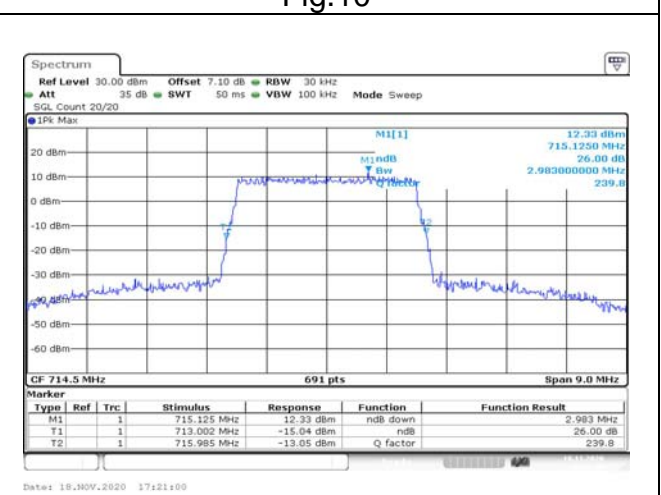


Fig.12

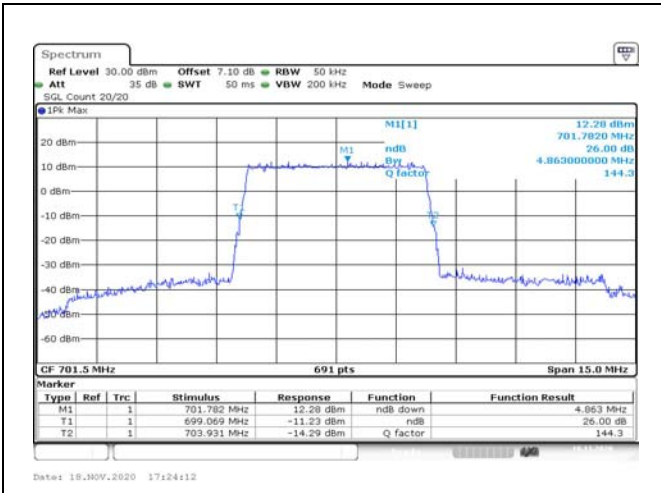


Fig.13

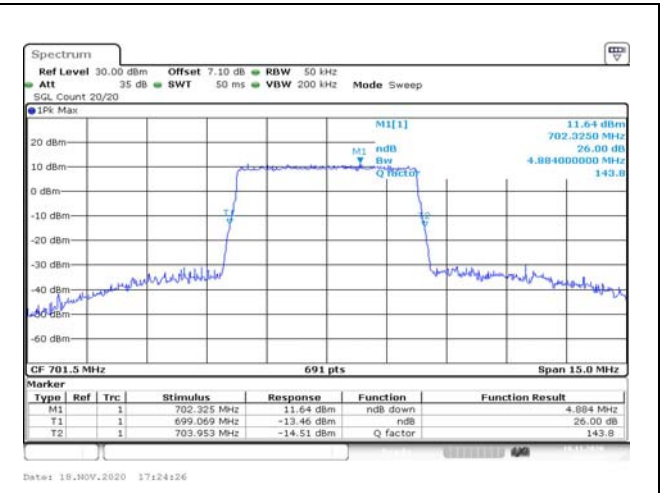


Fig.14

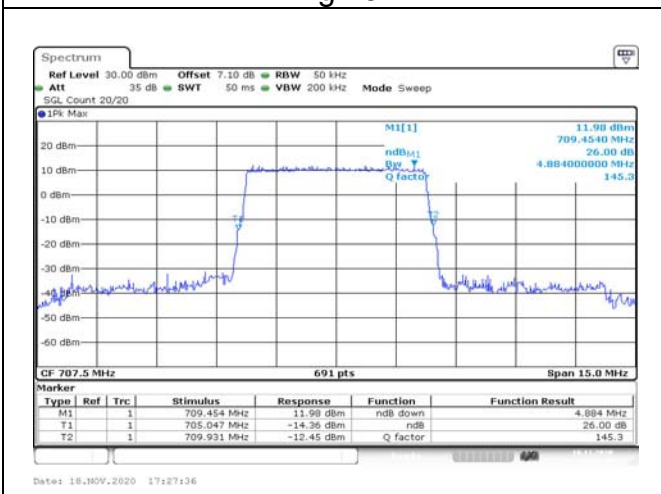


Fig.15

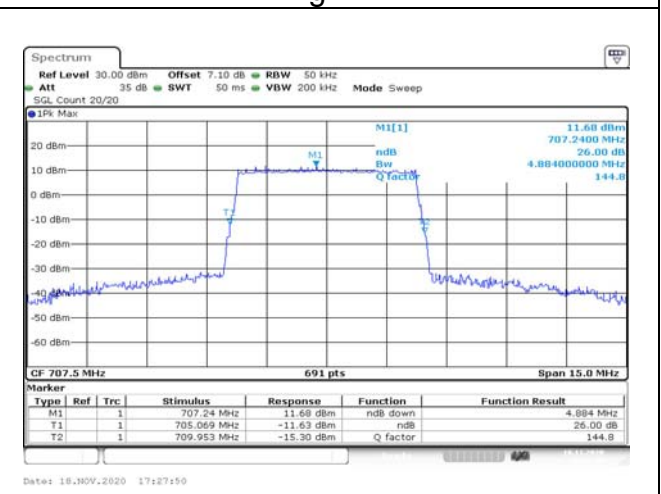


Fig.16

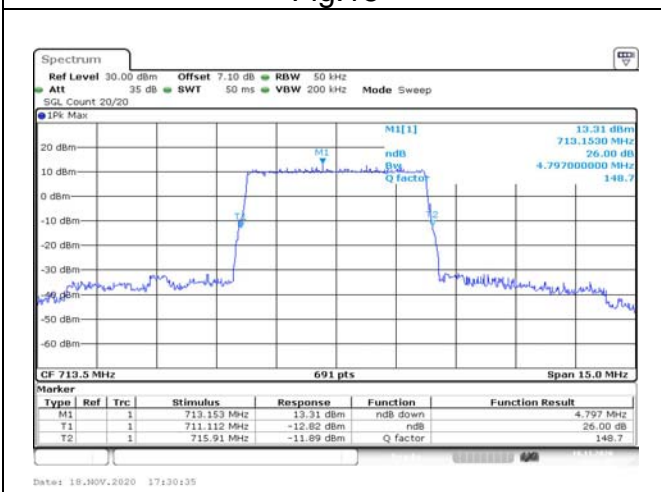


Fig.17

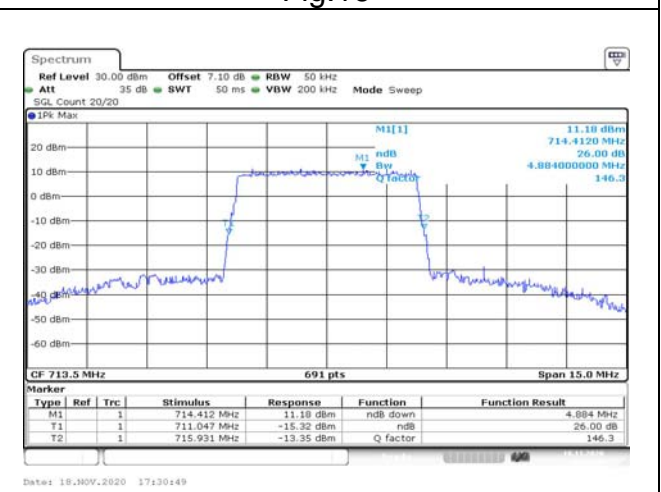


Fig.18

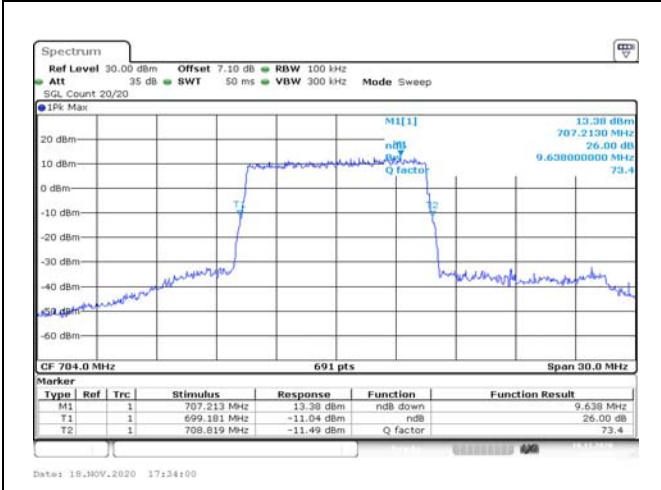


Fig.19

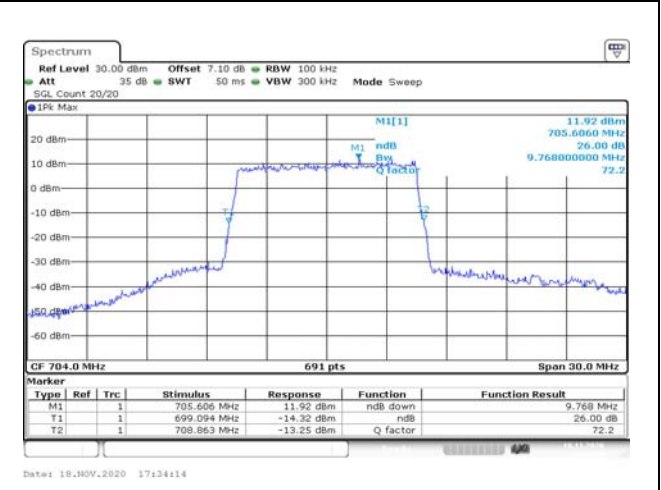


Fig.20

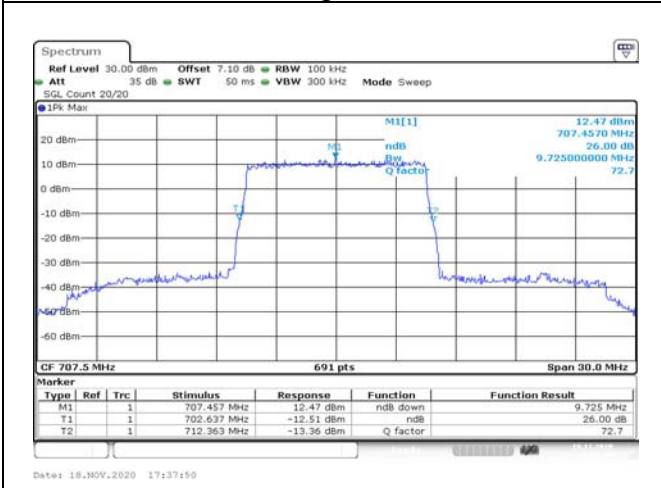


Fig.21

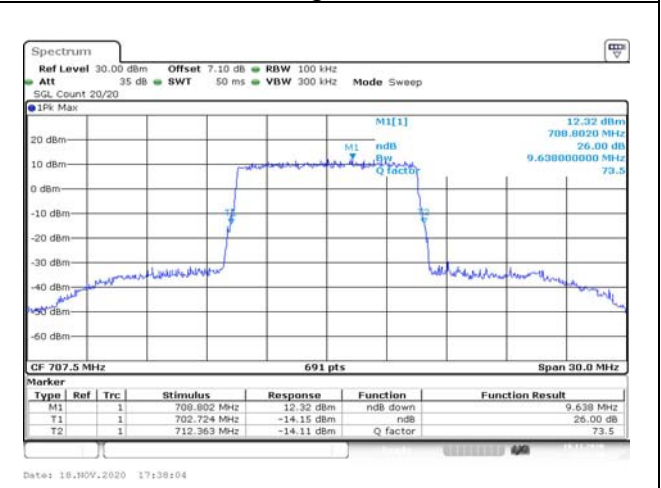


Fig.22

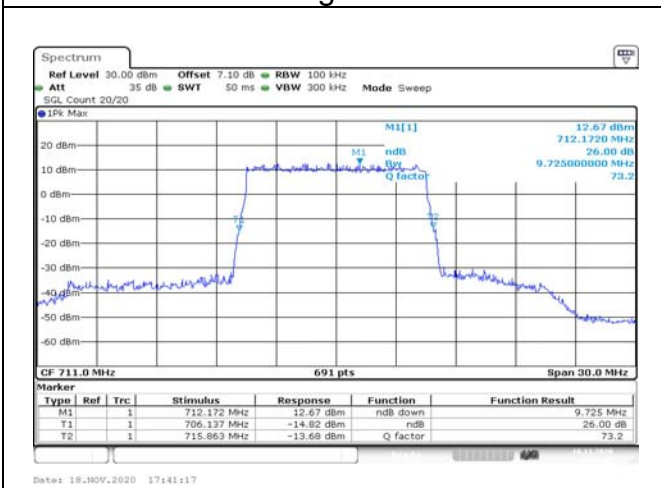


Fig.23

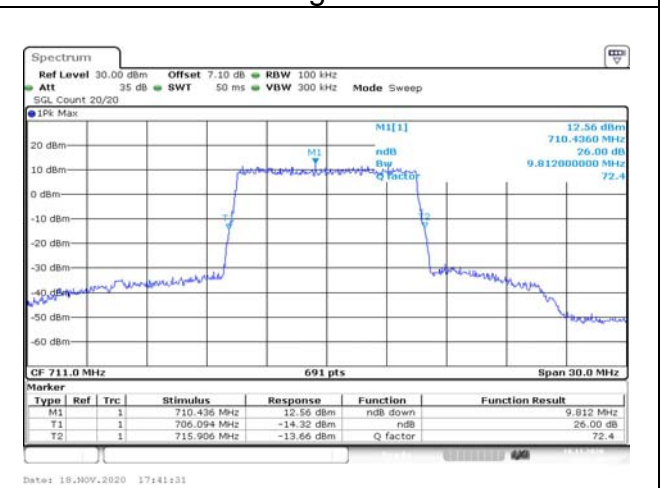


Fig.24

Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
12	699.7	23017	1.4	1	5	Fig.1	Fig.2	---
	699.7	23017		6	0	Fig.3	Fig.4	---
	707.5	23095		1	5	Fig.5	Fig.6	---
	707.5	23095		6	0	Fig.7	Fig.8	---
	715.3	23173		1	5	Fig.9	Fig.10	---
	715.3	23173		6	0	Fig.11	Fig.12	---
	700.5	23025	3	1	14	Fig.13	Fig.14	---
	700.5	23025		15	0	Fig.15	Fig.16	---
	707.5	23095		1	14	Fig.17	Fig.18	---
	707.5	23095		15	0	Fig.19	Fig.20	---
	714.5	23165		1	14	Fig.21	Fig.22	---
	714.5	23165		15	0	Fig.23	Fig.24	---
	701.5	23035	5	1	24	Fig.25	Fig.26	---
	701.5	23035		25	0	Fig.27	Fig.28	---
	707.5	23095		1	24	Fig.29	Fig.30	---
	707.5	23095		25	0	Fig.31	Fig.32	---
	713.5	23155		1	24	Fig.33	Fig.34	---
	713.5	23155		25	0	Fig.35	Fig.36	---
	704	23060	10	1	49	Fig.37	Fig.38	---
	704	23060		50	0	Fig.39	Fig.40	---
	707.5	23095		1	49	Fig.41	Fig.42	---
	707.5	23095		50	0	Fig.43	Fig.44	---
	711	23130		1	49	Fig.45	Fig.46	---
	711	23130		50	0	Fig.47	Fig.48	---

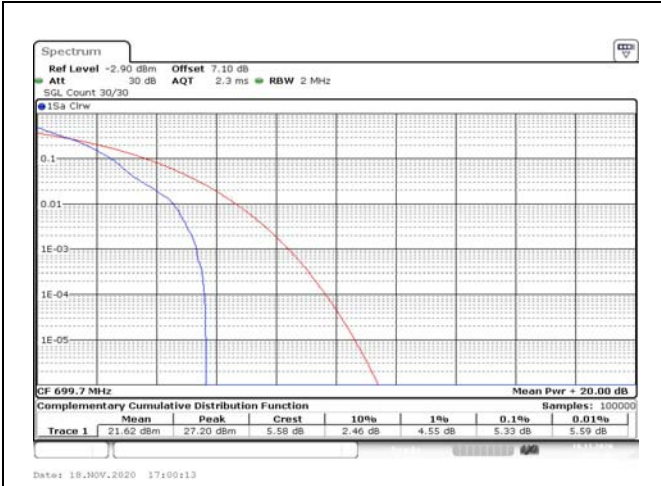


Fig.1

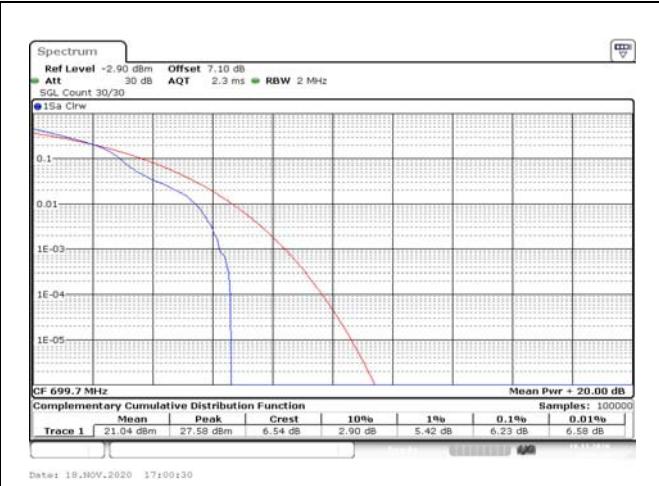


Fig.2

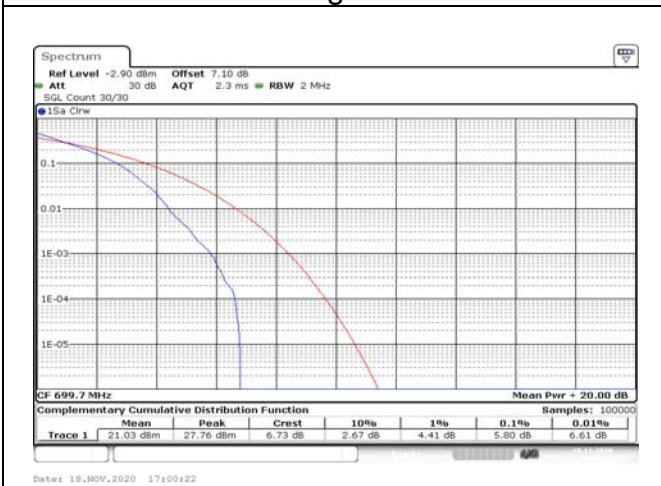


Fig.3

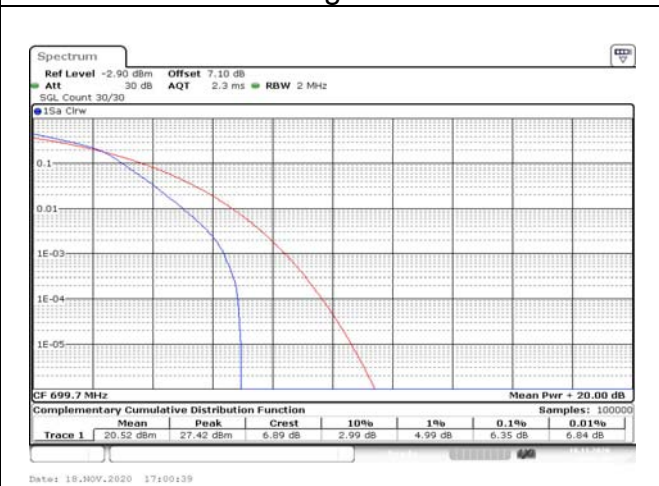


Fig.4

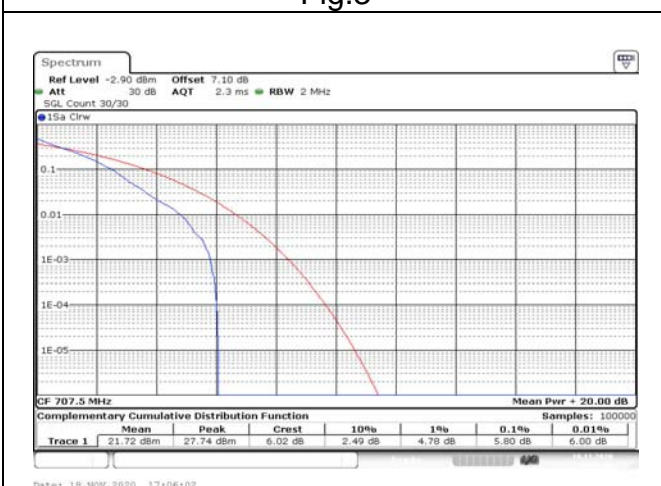


Fig.5

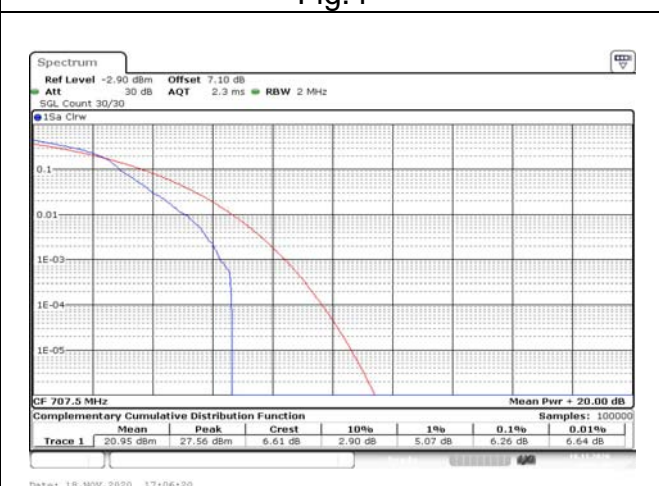


Fig.6

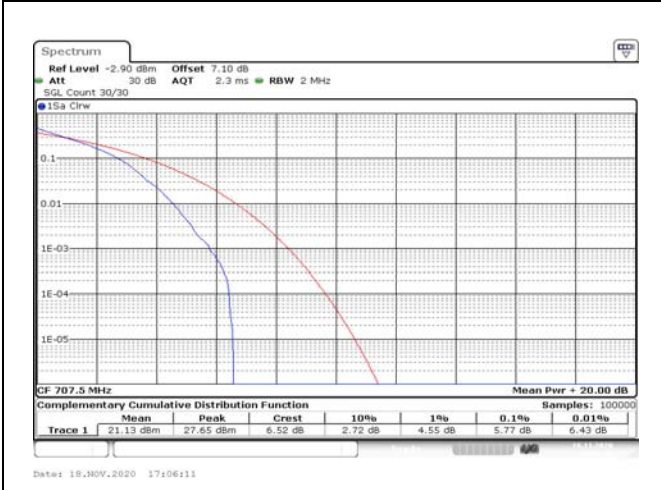


Fig.7

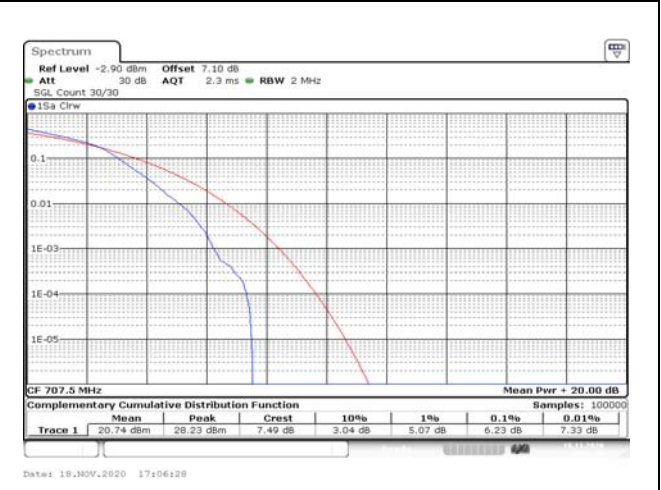


Fig.8

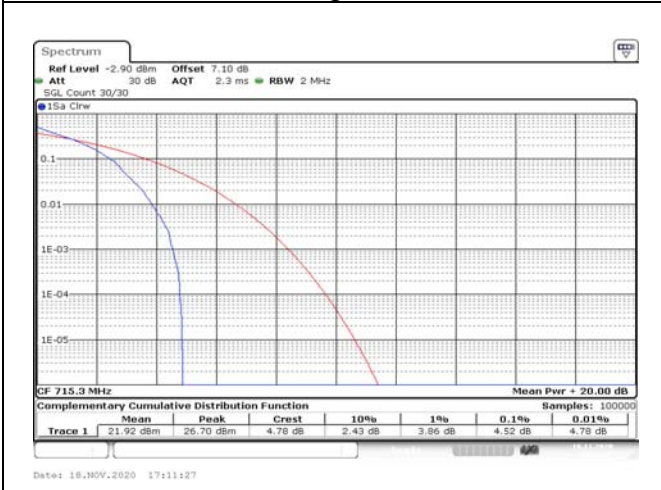


Fig.9

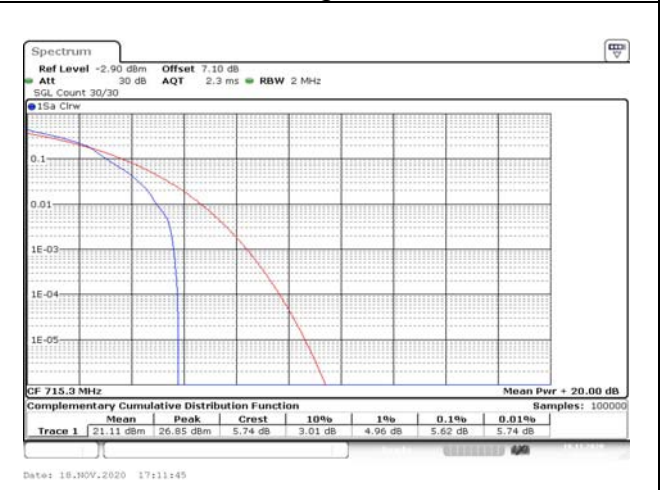


Fig.10

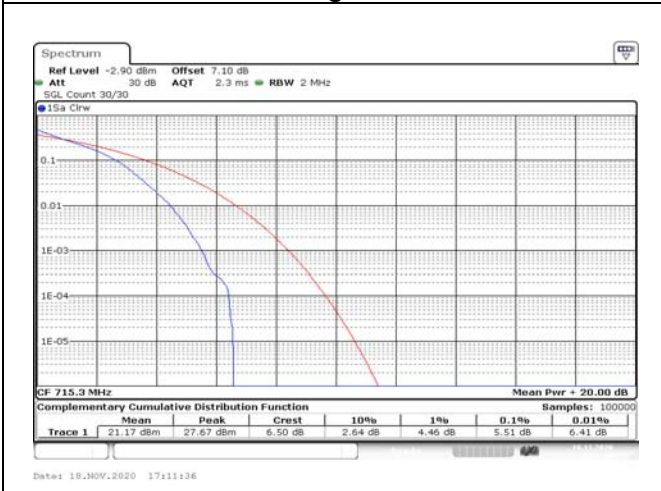


Fig.11

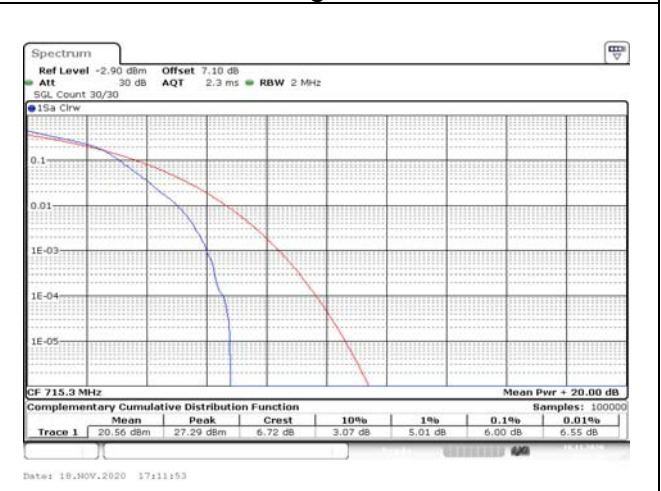


Fig.12

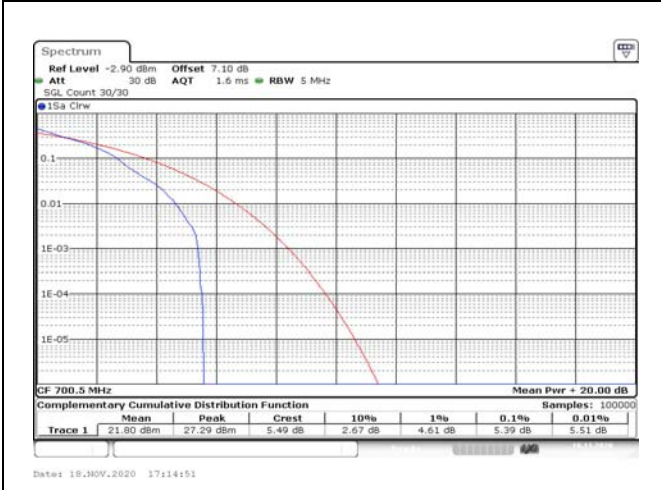


Fig.13

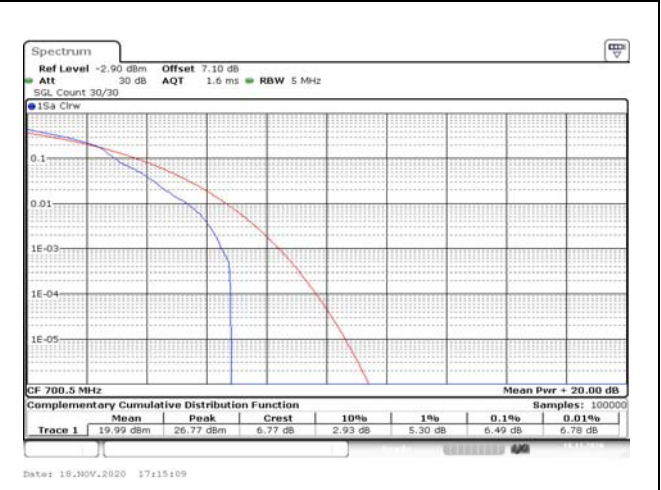


Fig.14

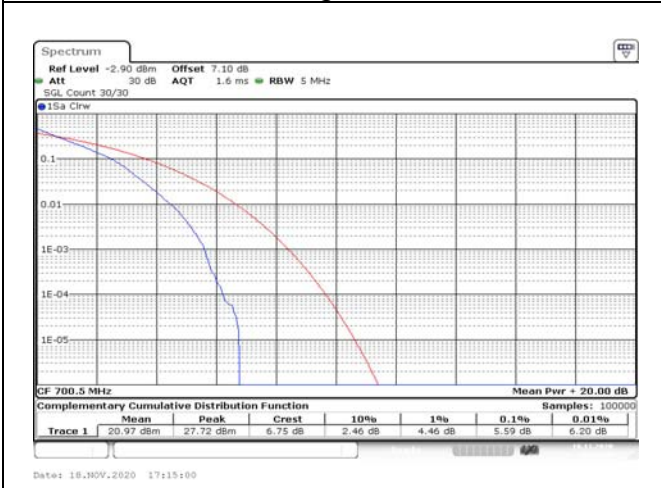


Fig.15

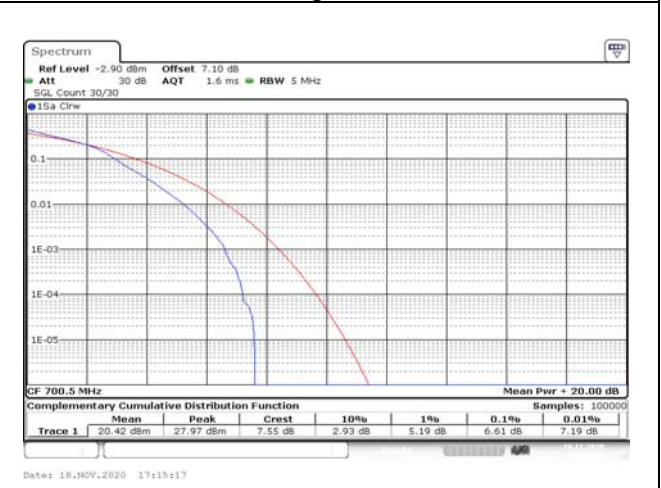


Fig.16

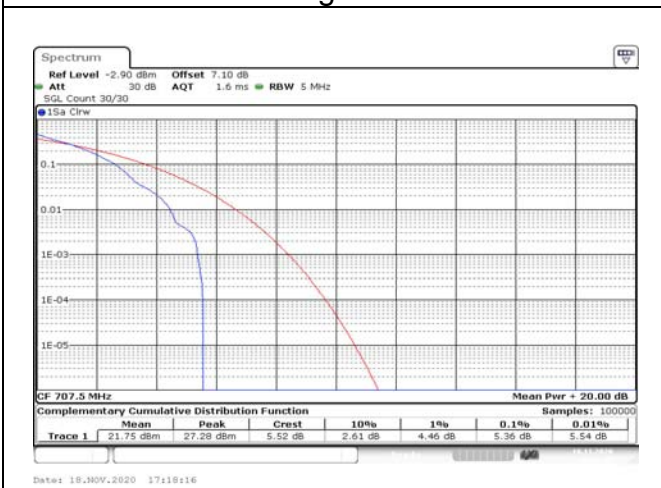


Fig.17

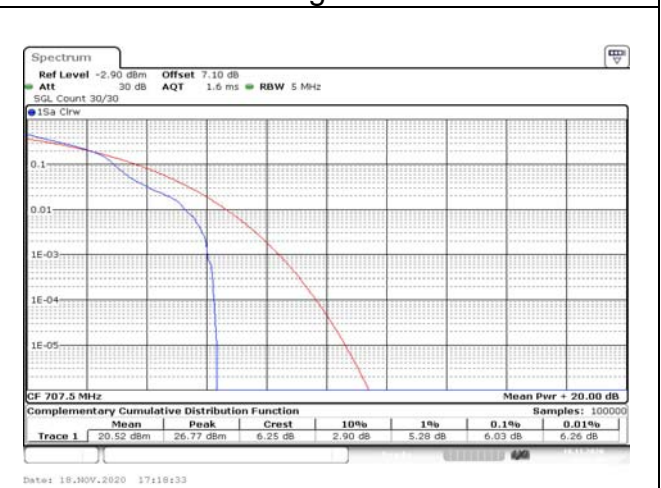


Fig.18

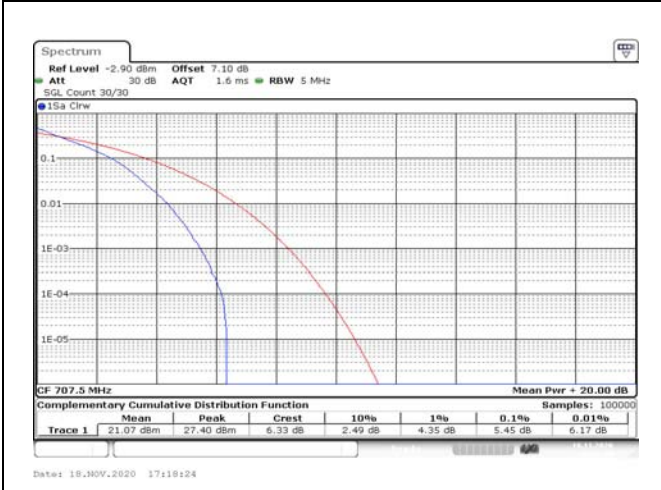


Fig.19

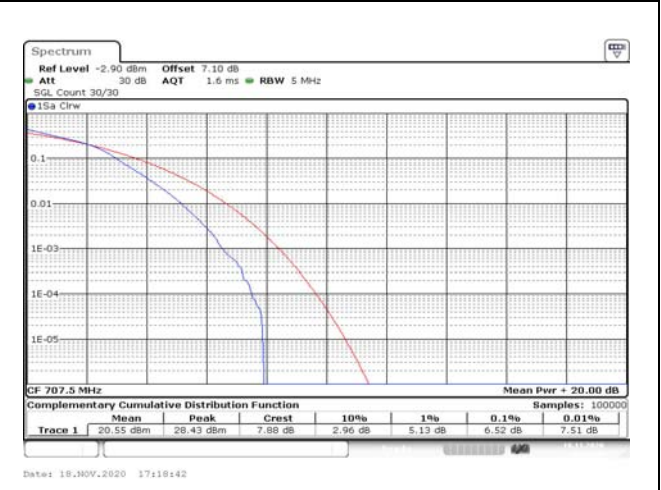


Fig.20

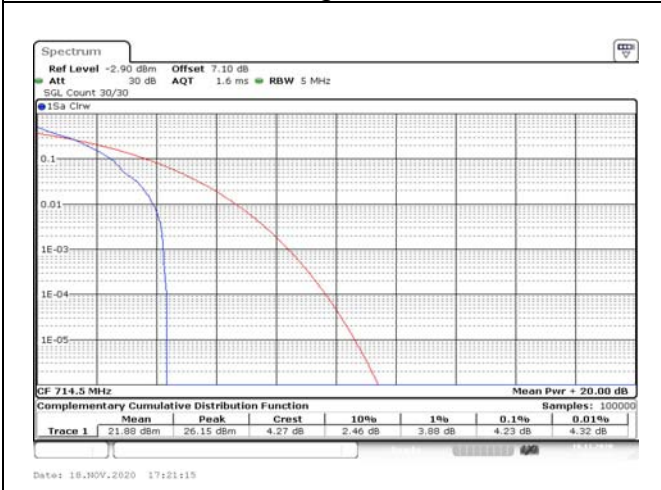


Fig.21

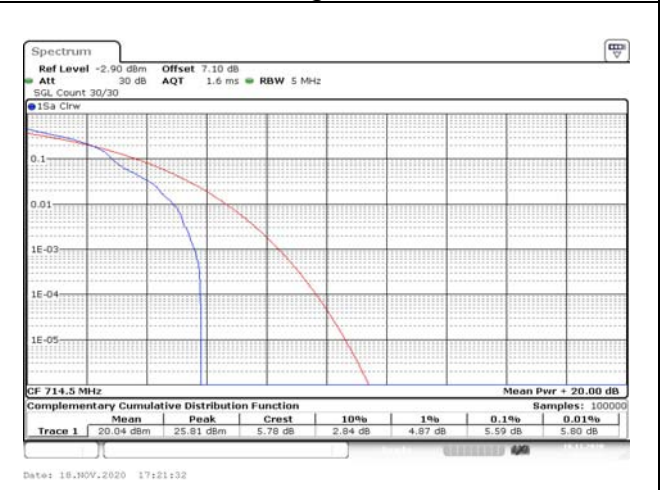


Fig.22

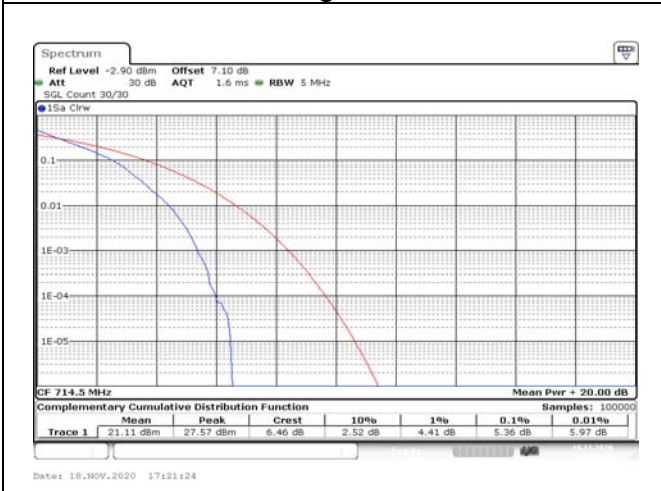


Fig.23

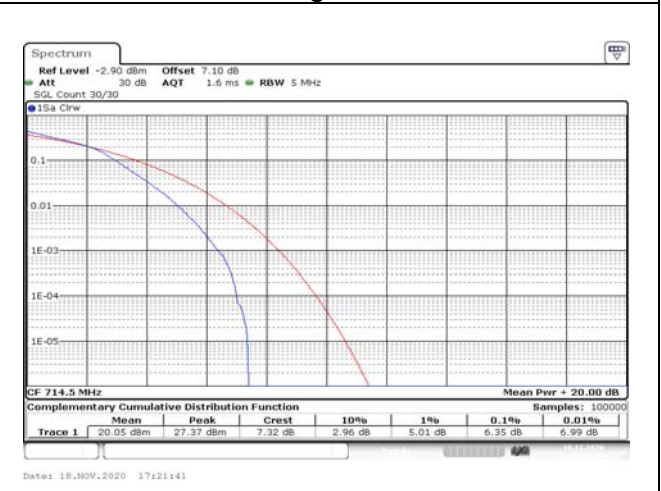


Fig.24



Fig.25



Fig.26

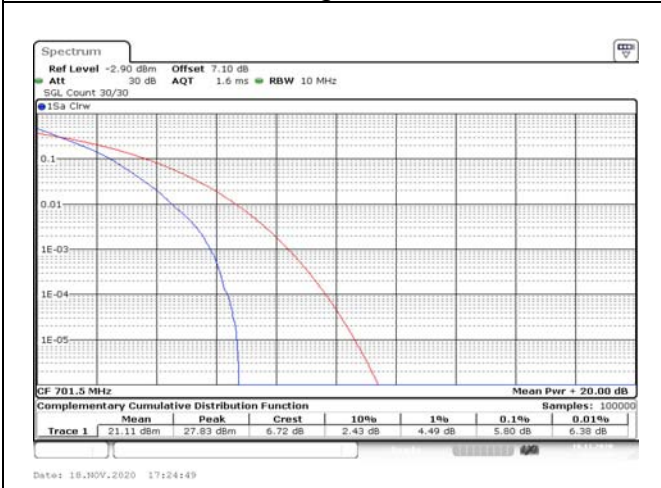


Fig.27

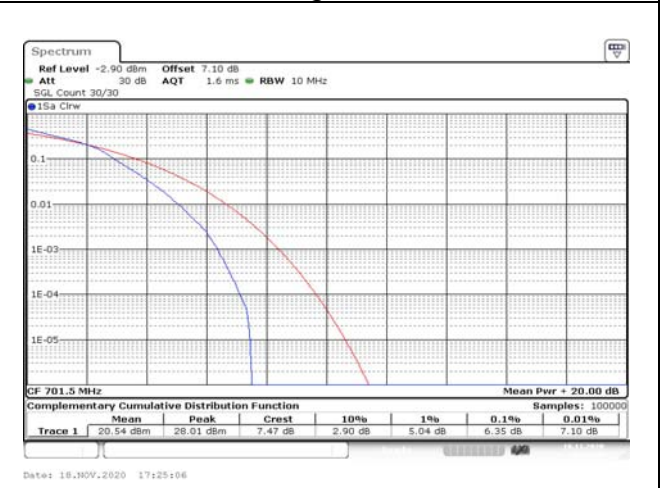


Fig.28

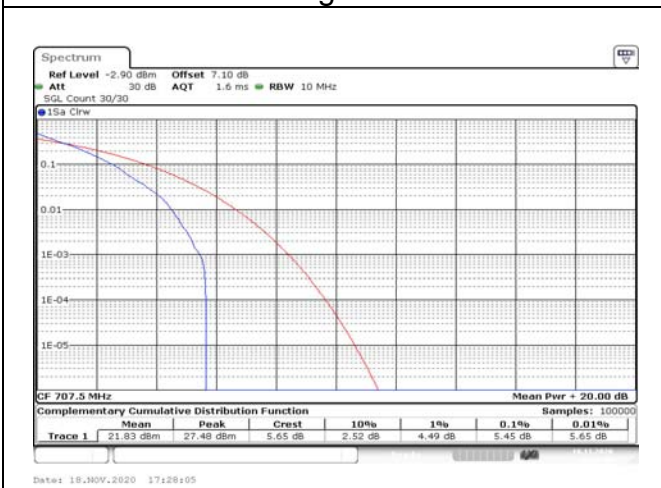


Fig.29

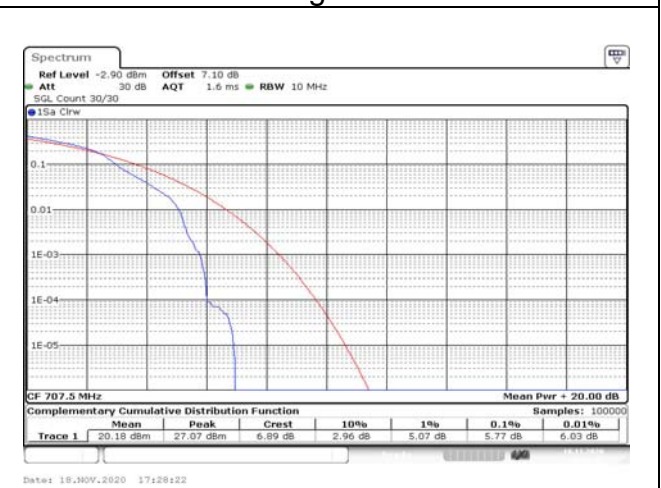


Fig.30

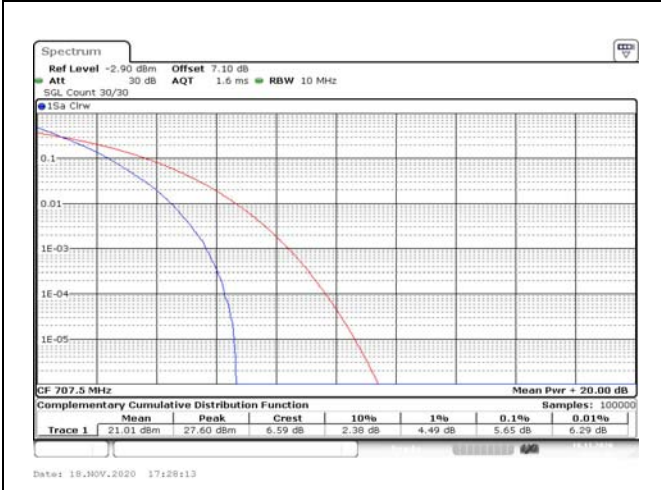


Fig.31

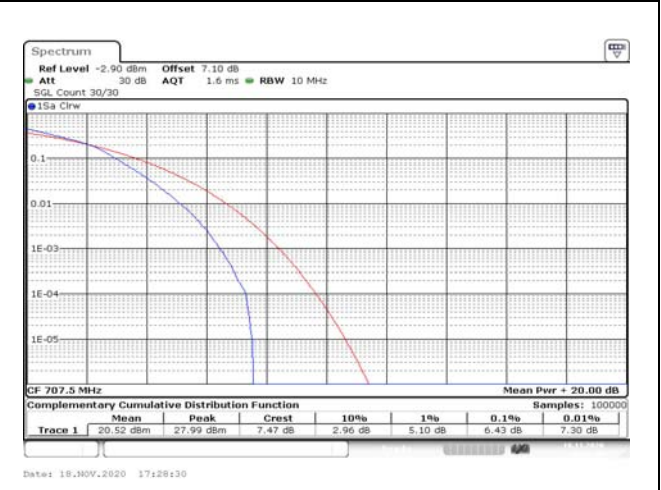


Fig.32

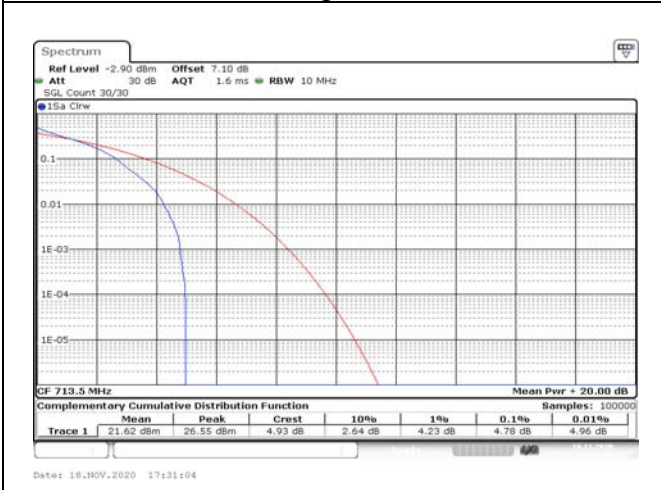


Fig.33

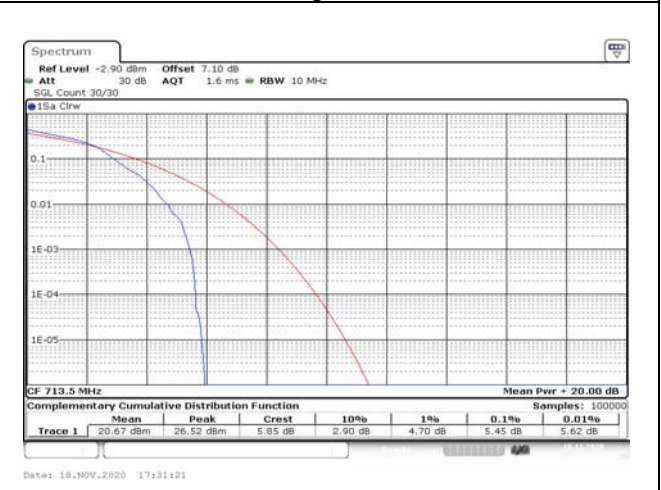


Fig.34

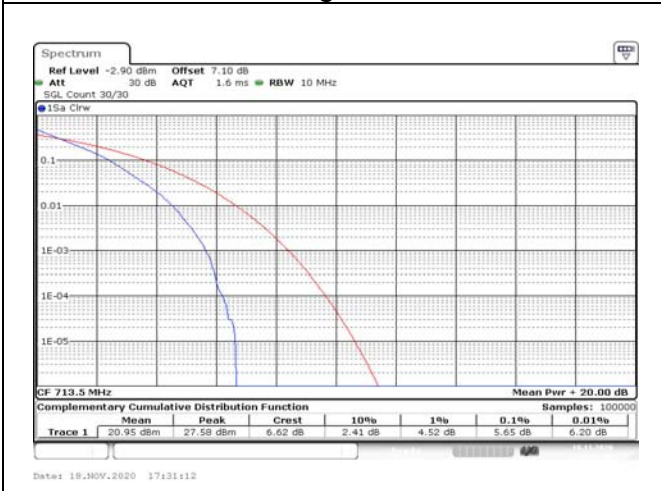


Fig.35

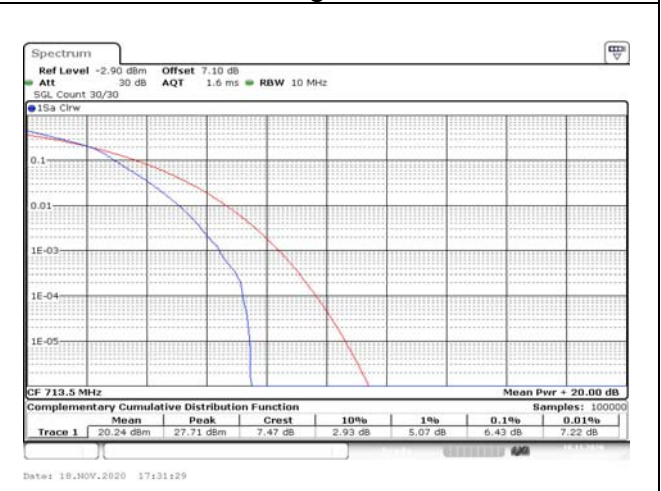


Fig.36

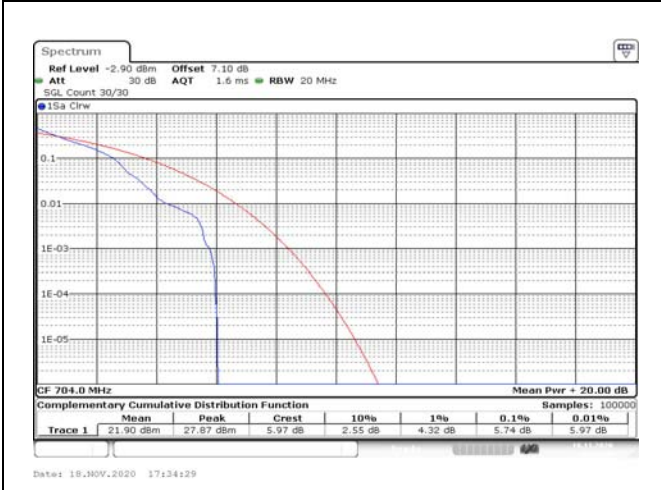


Fig.37



Fig.38

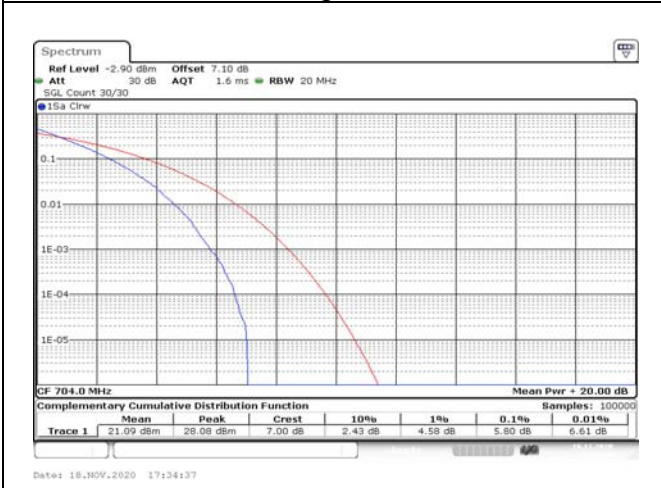


Fig.39

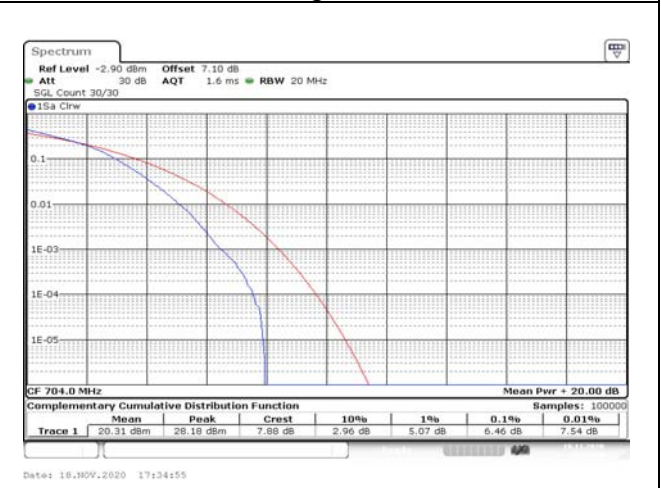


Fig.40

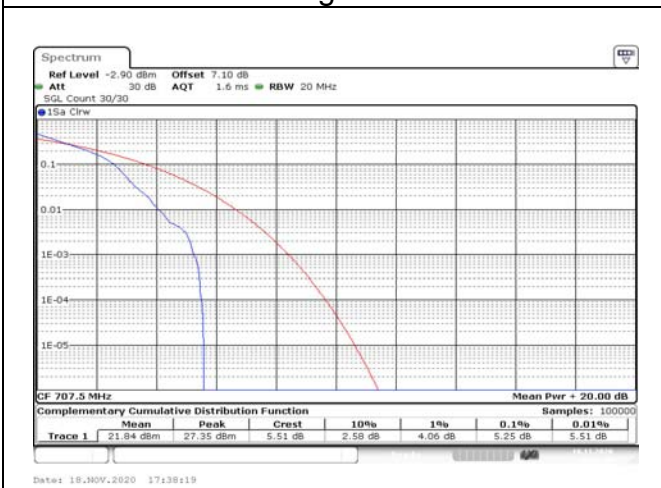


Fig.41

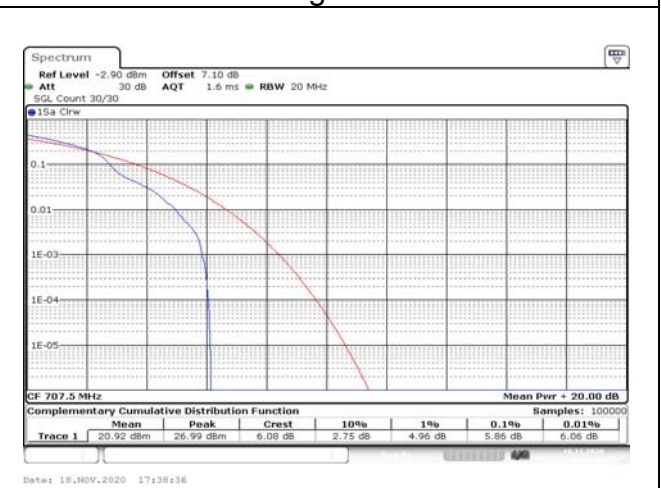


Fig.42



Fig.43

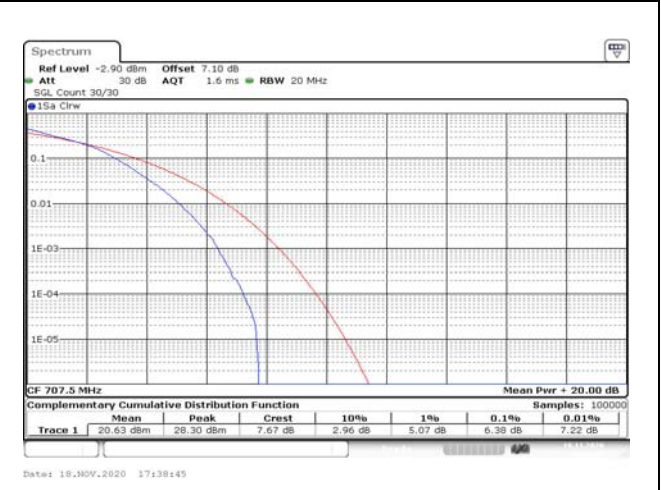


Fig.44

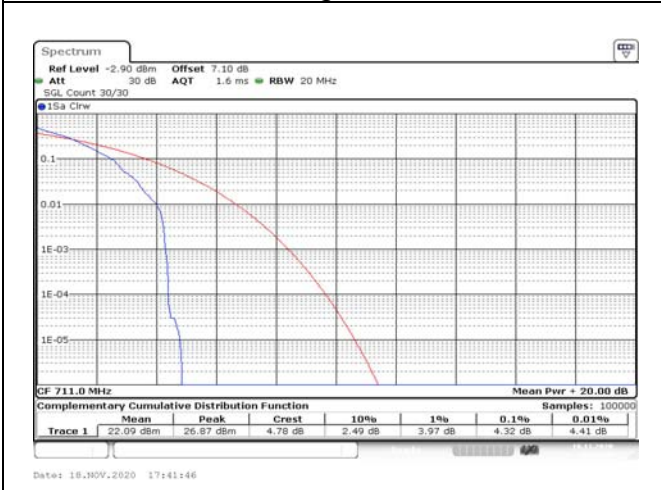


Fig.45

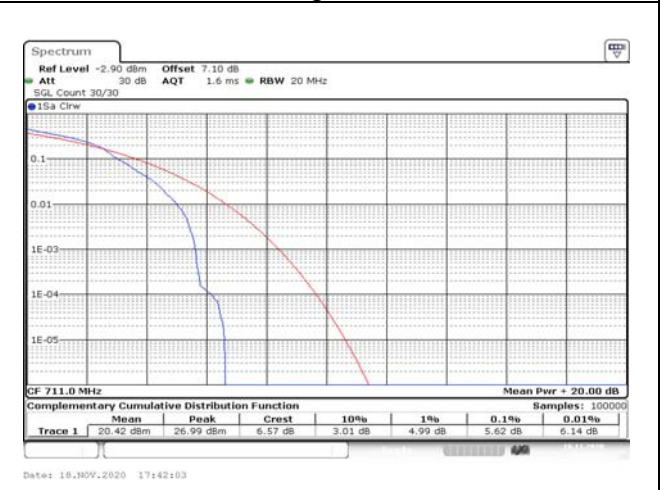


Fig.46

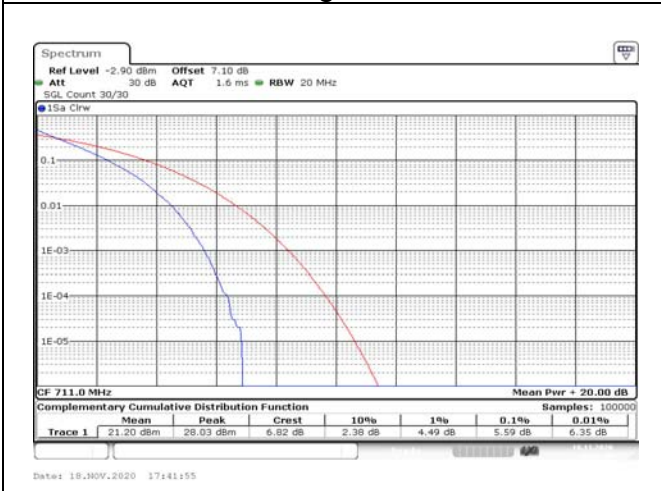


Fig.47

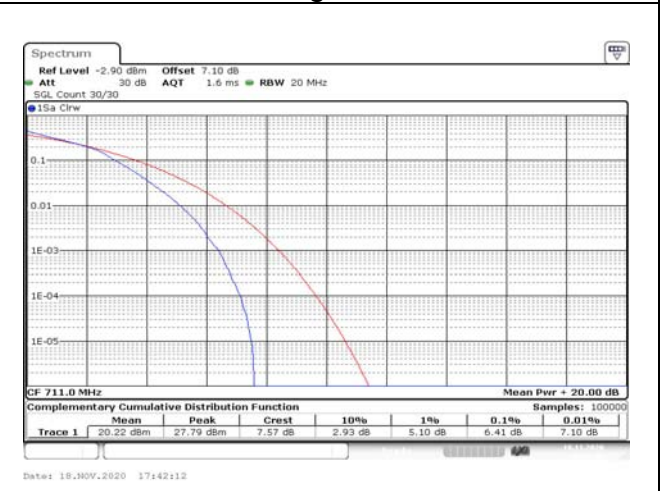


Fig.48

Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
12	704	23060	10	1	99	Fig.1
	707.5	23095		1	99	Fig.2
	711	23130		1	99	Fig.3

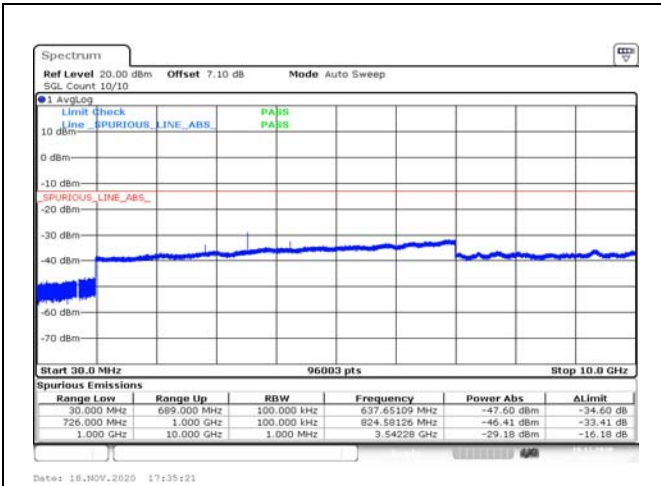


Fig.1

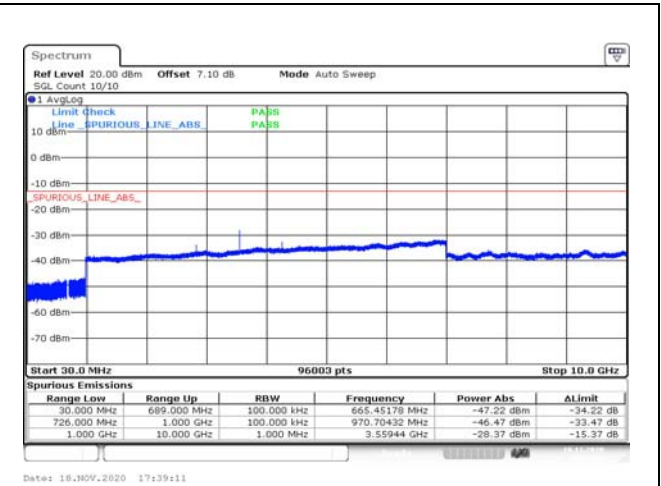


Fig.2

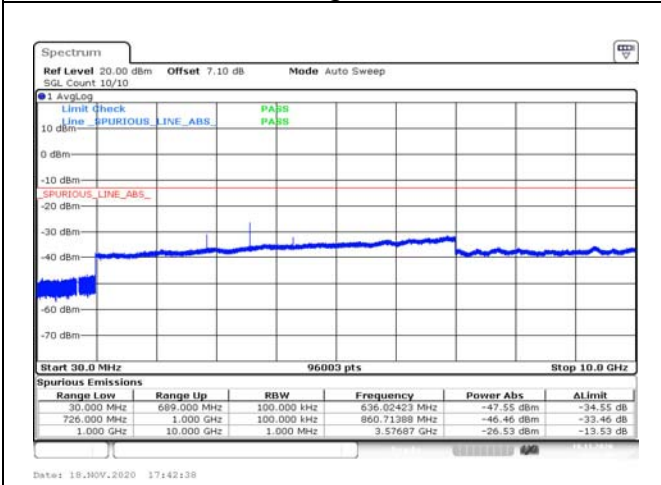


Fig.3

Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
12	699.7	23017	1.4	1	0	Fig.1
				6	0	Fig.2
	715.3	23173		1	5	Fig.3
				6	0	Fig.4
	700.5	23025	3	1	0	Fig.5
				15	0	Fig.6
	714.5	23165		1	14	Fig.7
				15	0	Fig.8
	701.5	23035	5	1	0	Fig.9
				25	0	Fig.10
	713.5	23155		1	24	Fig.11
				25	0	Fig.12
	704	23060	10	1	0	Fig.13
				50	0	Fig.14
	711	23130		1	49	Fig.15
				50	0	Fig.16

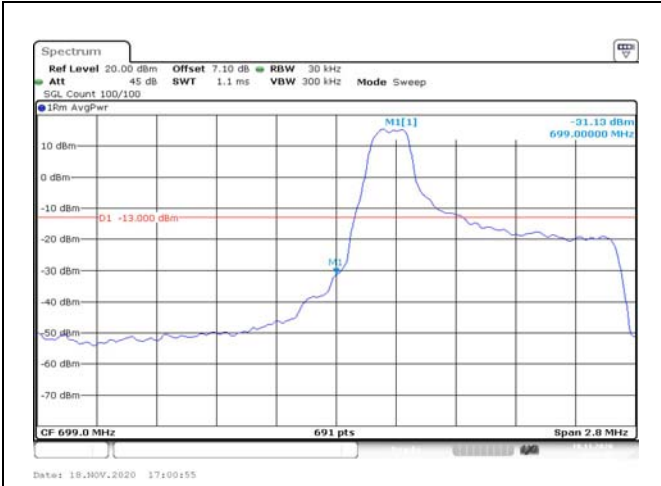


Fig.1

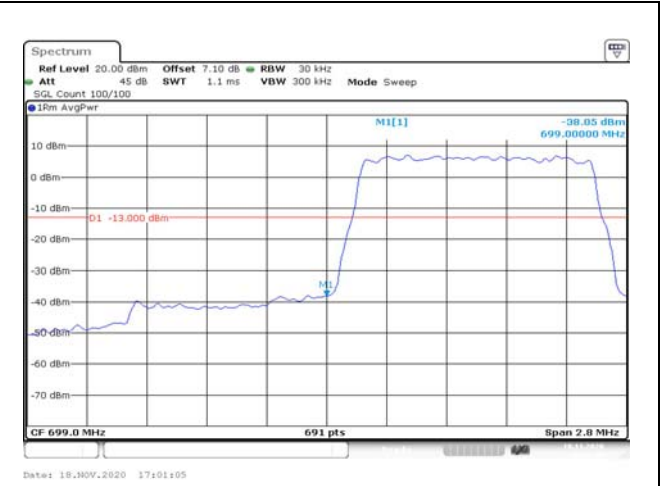


Fig.2

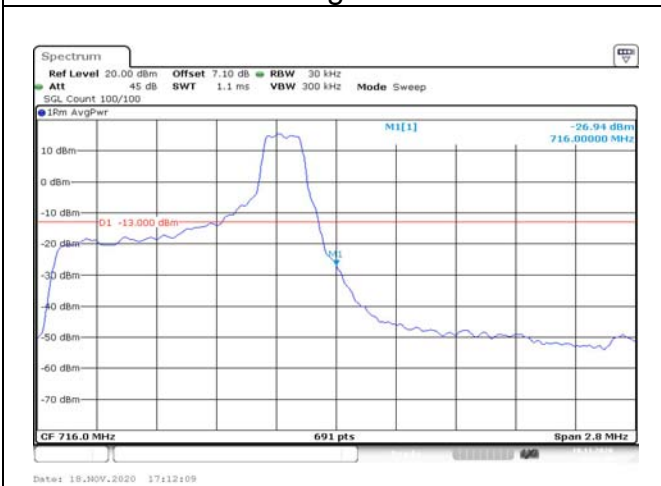


Fig.3

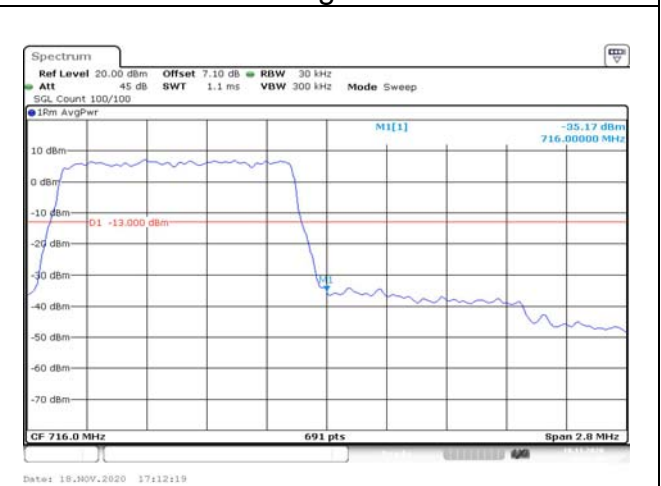


Fig.4

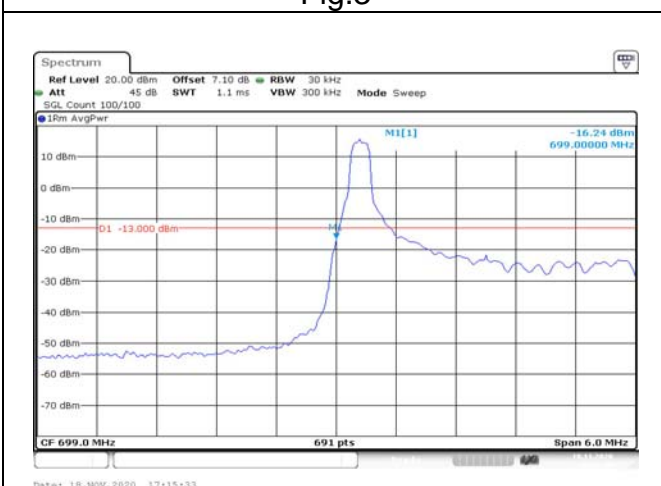


Fig.5

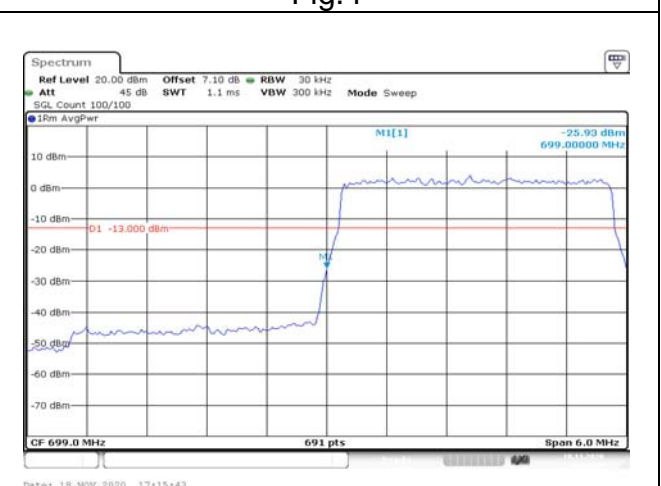


Fig.6

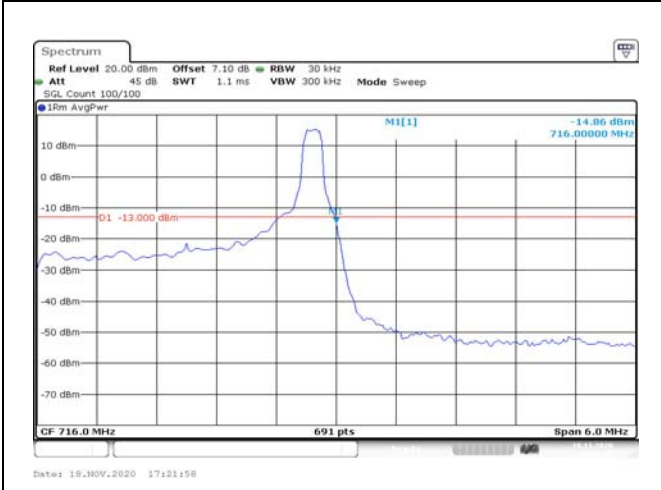


Fig.7

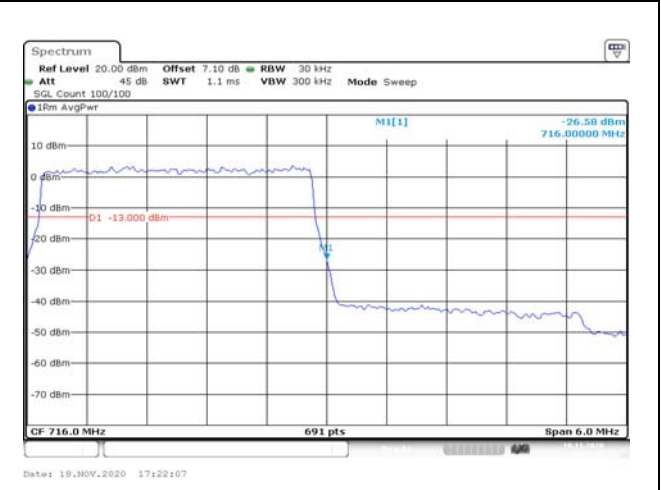


Fig.8

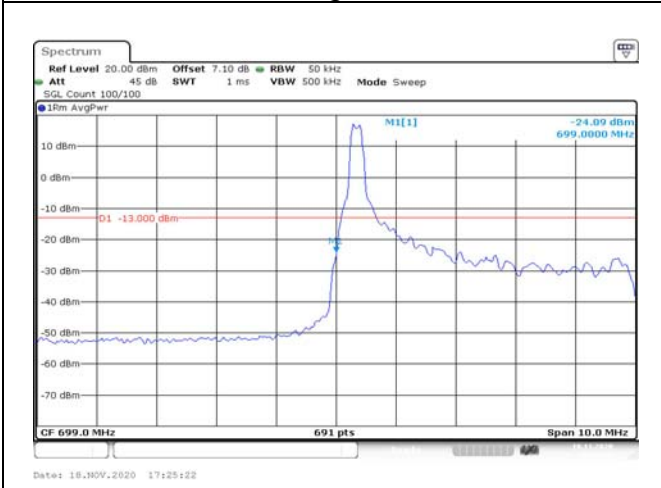


Fig.9

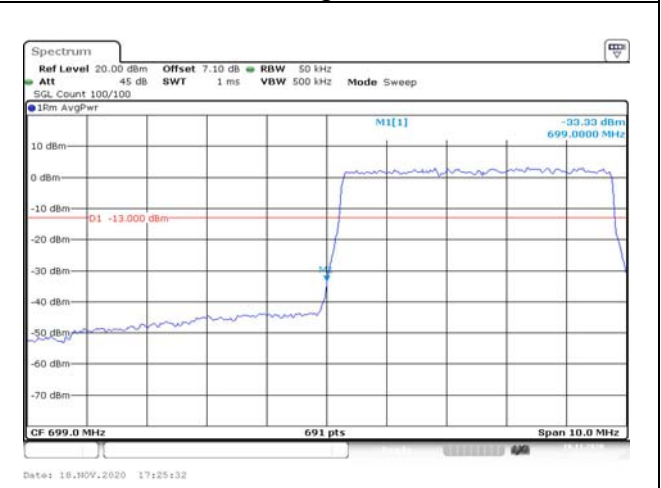


Fig.10

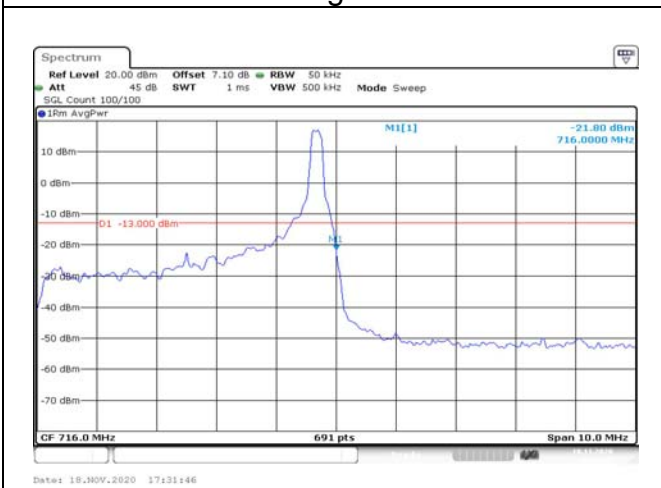


Fig.11

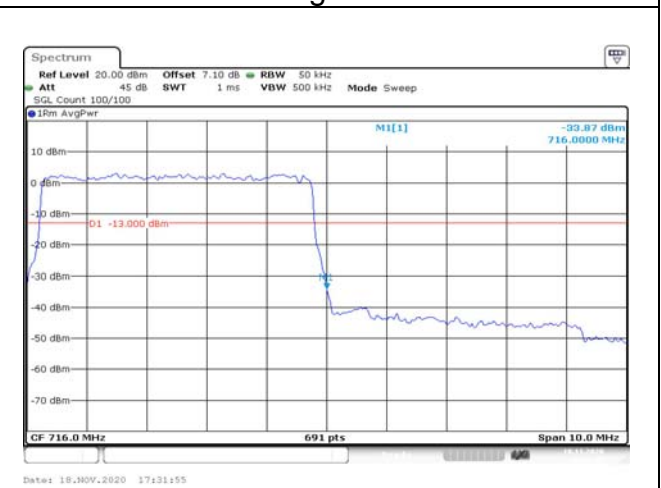


Fig.12

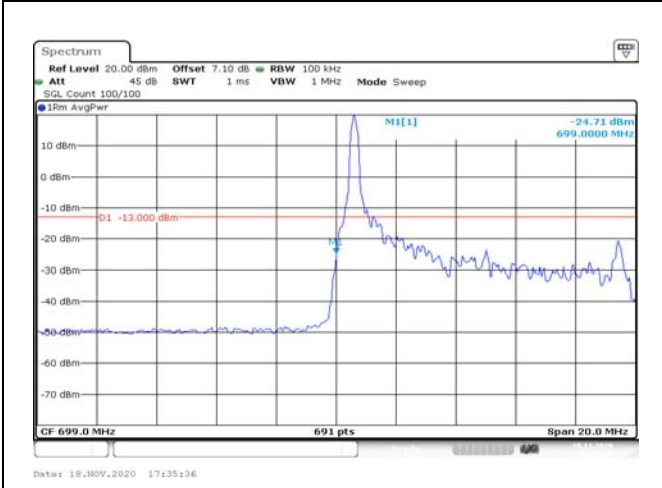


Fig.13

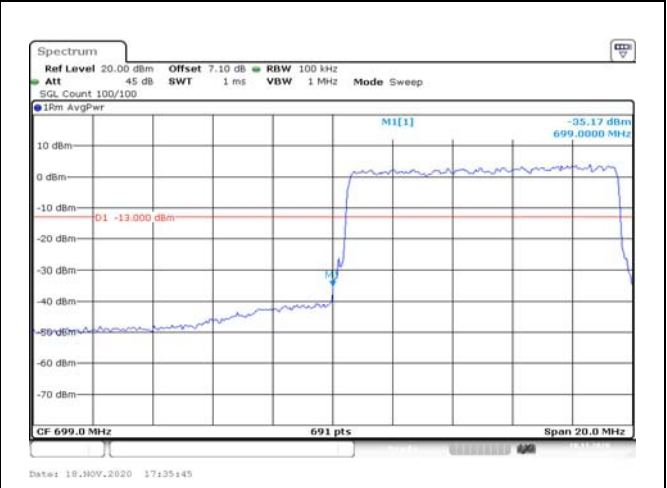


Fig.14

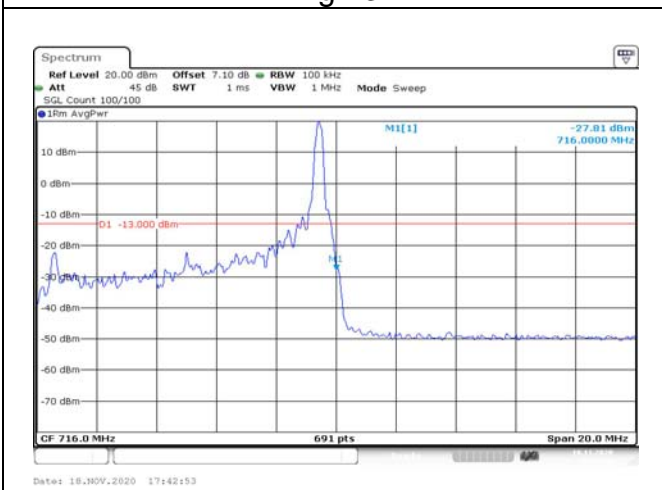


Fig.15

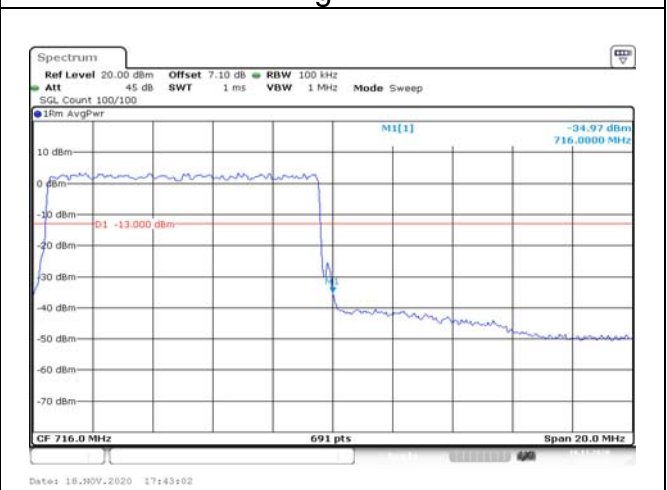


Fig.16

Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band12 Low Channel QPSK			
		1.4M	3M	5M	10M
0	NV	-0.001	-0.031	-0.012	-0.012
+10	NV	0.000	-0.057	-0.015	-0.013
+20	NV	0.000	0.000	0.000	0.000
+30	NV	-0.003	-0.038	-0.010	-0.017
+40	NV	0.005	-0.032	0.017	-0.018
+50	NV	-0.006	-0.062	-0.006	-0.009
+20	LV	0.002	-0.058	-0.005	-0.028
+20	HV	0.002	-0.058	-0.005	-0.028

Temperature(°C)	Voltage	Test Result (ppm) Band12 High Channel QPSK			
		1.4M	3M	5M	10M
0	NV	-0.022	0.041	0.010	0.003
+10	NV	0.007	0.033	0.013	0.011
+20	NV	0.000	0.000	0.000	0.000
+30	NV	-0.016	0.048	0.001	0.008
+40	NV	-0.014	0.045	0.001	-0.002
+50	NV	-0.010	0.039	0.012	0.020
+20	LV	-0.041	0.043	-0.009	0.007
+20	HV	-0.041	0.043	-0.009	0.007

Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency	UL Channel	BW	RB Size	RB Offset	Conducted power	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	699.7	23017	1.4	1	0	22.52	19.12	0.082
				1	3	22.51	19.11	0.081
				1	5	22.46	19.06	0.081
				3	0	22.42	19.02	0.080
				3	1	22.48	19.08	0.081
				3	3	22.44	19.04	0.080
	707.5	23095		6	0	21.51	18.11	0.065
				1	0	22.10	18.70	0.074
				1	3	22.06	18.66	0.073
				1	5	22.05	18.65	0.073
				3	0	21.33	17.93	0.062
				3	1	21.32	17.92	0.062
	715.3	23173		3	3	21.31	17.91	0.062
				6	0	20.95	17.55	0.057
				1	0	22.26	18.86	0.077
				1	3	22.29	18.89	0.077
				1	5	22.23	18.83	0.076
				3	0	22.20	18.80	0.076
16QAM	699.7	23017	3	1	22.23	18.83	0.076	
			3	3	22.18	18.78	0.076	
			6	0	21.29	17.89	0.062	
			1	0	21.82	18.42	0.070	
			1	3	21.96	18.56	0.072	
			1	5	21.87	18.47	0.070	
	707.5	23095	3	0	21.46	18.06	0.064	
			3	1	21.34	17.94	0.062	
			3	3	21.50	18.10	0.065	
			6	0	21.08	17.68	0.059	
			1	0	21.79	18.39	0.069	
			1	3	21.83	18.43	0.070	
	715.3	23173	1	5	21.65	18.25	0.067	
			3	0	21.28	17.88	0.061	
			3	1	21.27	17.87	0.061	
			3	3	21.42	18.02	0.063	
			6	0	20.92	17.52	0.056	
			1	0	21.59	18.19	0.066	
			1	3	21.74	18.34	0.068	
			1	5	21.63	18.23	0.067	
			3	0	21.24	17.84	0.061	
			3	1	21.11	17.71	0.059	
			3	3	21.28	17.88	0.061	
			6	0	20.86	17.46	0.056	

Modulation	Carrier frequency	UL Channel	BW	RB Size	RB Offset	Conducted power	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	700.5	23025	3	1	0	22.43	19.03	0.080
				1	8	22.46	19.06	0.081
				1	14	22.45	19.05	0.080
				8	0	21.44	18.04	0.064
				8	4	21.41	18.01	0.063
				8	7	21.41	18.01	0.063
	15	0		21.43	18.03	0.064		
	707.5	23095		1	0	22.34	18.94	0.078
				1	8	22.40	19.00	0.079
				1	14	22.39	18.99	0.079
				8	0	21.30	17.90	0.062
				8	4	21.29	17.89	0.062
				8	7	21.30	17.90	0.062
	714.5	23165		15	0	21.31	17.91	0.062
				1	0	22.40	19.00	0.079
1			8	22.47	19.07	0.081		
1			14	22.46	19.06	0.081		
8			0	21.23	17.83	0.061		
8			4	21.37	17.97	0.063		
16QAM	700.5	23025	8	7	21.37	17.97	0.063	
			15	0	21.15	17.75	0.060	
			1	0	21.67	18.27	0.067	
			1	8	21.61	18.21	0.066	
			1	14	21.61	18.21	0.066	
			8	0	21.16	17.76	0.060	
	707.5	23095	8	4	21.00	17.60	0.058	
			8	7	21.10	17.70	0.059	
			15	0	21.01	17.61	0.058	
			1	0	21.62	18.22	0.066	
			1	8	21.54	18.14	0.065	
			1	14	21.54	18.14	0.065	
	714.5	23165	8	0	20.44	17.04	0.051	
			8	4	20.82	17.42	0.055	
			8	7	20.82	17.42	0.055	
15			0	20.77	17.37	0.055		
1			0	21.01	17.61	0.058		
1			8	21.14	17.74	0.059		
			1	14	21.04	17.64	0.058	
			8	0	20.55	17.15	0.052	
			8	4	20.96	17.56	0.057	
			8	7	20.96	17.56	0.057	
			15	0	20.46	17.06	0.051	

Modulation	Carrier frequency	UL Channel	BW	RB Size	RB Offset	Conducted power	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	701.5	23035	5	1	0	22.29	18.89	0.077
				1	12	22.34	18.94	0.078
				1	24	22.41	19.01	0.080
				12	0	21.20	17.80	0.060
				12	7	21.45	18.05	0.064
				12	13	21.45	18.05	0.064
	25	0		21.40	18.00	0.063		
	1	0		22.51	19.11	0.081		
	1	12		22.51	19.11	0.081		
	1	24		22.39	18.99	0.079		
	12	0		21.38	17.98	0.063		
	12	7		21.34	17.94	0.062		
	12	13		21.34	17.94	0.062		
	25	0		21.38	17.98	0.063		
	1	0		22.34	18.94	0.078		
	1	12		22.21	18.81	0.076		
	1	24		22.25	18.85	0.077		
	12	0		21.43	18.03	0.064		
12	7	21.15	17.75	0.060				
12	13	21.13	17.73	0.059				
25	0	21.12	17.72	0.059				
16QAM	701.5	23035	1	0	20.59	17.19	0.052	
			1	12	20.71	17.31	0.054	
			1	24	20.57	17.17	0.052	
			12	0	20.89	17.49	0.056	
			12	7	20.87	17.47	0.056	
			12	13	20.72	17.32	0.054	
	25	0	20.89	17.49	0.056			
	1	0	21.34	17.94	0.062			
	1	12	21.40	18.00	0.063			
	1	24	21.40	18.00	0.063			
	12	0	20.32	16.92	0.049			
	12	7	20.93	17.53	0.057			
	12	13	20.87	17.47	0.056			
	25	0	20.96	17.56	0.057			
	1	0	21.07	17.67	0.058			
	1	12	20.97	17.57	0.057			
	1	24	20.97	17.57	0.057			
	12	0	20.64	17.24	0.053			
	12	7	20.18	16.78	0.048			
	12	13	20.18	16.78	0.048			
	25	0	20.25	16.85	0.048			

Modulation	Carrier frequency	UL Channel	BW	RB Size	RB Offset	Conducted power	ERP/EIRP (dBm)	ERP/EIRP (W)
QPSK	704	23060	10	1	0	22.32	18.92	0.078
				1	25	22.35	18.95	0.079
				1	49	22.34	18.94	0.078
				25	0	21.46	18.06	0.064
				25	12	21.29	17.89	0.062
				25	25	21.29	17.89	0.062
	707.5	23095		50	0	21.41	18.01	0.063
				1	0	22.41	19.01	0.080
				1	25	22.40	19.00	0.079
				1	49	22.39	18.99	0.079
				25	0	21.32	17.92	0.062
				25	12	21.46	18.06	0.064
	711	23130		25	25	21.47	18.07	0.064
				50	0	21.34	17.94	0.062
				1	0	22.48	19.08	0.081
				1	25	22.47	19.07	0.081
				1	49	22.46	19.06	0.081
				25	0	21.32	17.92	0.062
16QAM	704	23060	25	12	21.18	17.78	0.060	
			25	25	21.17	17.77	0.060	
			50	0	21.38	17.98	0.063	
			1	0	21.49	18.09	0.064	
			1	25	21.28	17.88	0.061	
			1	49	21.28	17.88	0.061	
	707.5	23095	25	0	20.81	17.41	0.055	
			25	12	20.33	16.93	0.049	
			25	25	20.33	16.93	0.049	
			50	0	20.51	17.11	0.051	
			1	0	22.01	18.61	0.073	
			1	25	22.11	18.71	0.074	
	711	23130	1	49	22.11	18.71	0.074	
			25	0	20.20	16.80	0.048	
			25	12	20.49	17.09	0.051	
			25	25	20.50	17.10	0.051	
			50	0	20.88	17.48	0.056	
			1	0	21.18	17.78	0.060	
			1	25	21.08	17.68	0.059	
			1	49	21.04	17.64	0.058	
			25	0	20.93	17.53	0.057	
			25	12	20.46	17.06	0.051	
			25	25	20.46	17.06	0.051	
			50	0	20.47	17.07	0.051	