

**APPENDIX A – TEST DATA OF CONDUCTED EMISSION**

**LTE Band 4**

**1 RF Power Output**

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1710.7	19957	1.4	1	0	21.86
				1	3	21.85
				1	5	21.91
				3	0	21.86
				3	1	21.94
				3	3	21.91
	1732.5	20175		6	0	21.10
				1	0	22.11
				1	3	22.12
				1	5	22.19
				3	0	21.62
				3	1	21.62
	1754.3	20393		3	3	21.64
				6	0	20.90
				1	0	21.64
				1	3	21.61
				1	5	21.81
				3	0	21.60
				3	1	21.60
				3	3	21.62
				6	0	20.83

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1710.7	19957	1.4	1	0	22.81
				1	3	22.68
				1	5	22.84
				3	0	22.71
				3	1	22.73
				3	3	22.69
				6	0	21.66
	1732.5	20175		1	0	22.40
				1	3	22.36
				1	5	22.39
				3	0	22.41
				3	1	22.51
				3	3	22.45
				6	0	21.39
	1754.3	20393		1	0	23.10
				1	3	23.15
				1	5	23.13
				3	0	22.85
				3	1	22.74
				3	3	22.87
				6	0	21.72

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1711.5	19965	3	1	0	21.92
				1	8	21.95
				1	14	21.89
				8	0	20.86
				8	4	20.82
				8	7	20.80
				15	0	20.78
	1732.5	20175		1	0	22.28
				1	8	22.11
				1	14	22.21
				8	0	20.62
				8	4	20.64
				8	7	20.68
				15	0	20.88
	1753.5	20385		1	0	21.77
				1	8	21.95
				1	14	21.82
				8	0	20.74
				8	4	20.76
				8	7	20.82
				15	0	20.87

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1711.5	19965	3	1	0	22.61
				1	8	22.60
				1	14	22.63
				8	0	21.65
				8	4	21.72
				8	7	21.69
				15	0	21.70
	1732.5	20175		1	0	22.57
				1	8	22.58
				1	14	22.70
				8	0	21.48
				8	4	21.58
				8	7	21.54
				15	0	21.48
	1753.5	20385		1	0	23.15
				1	8	23.17
				1	14	23.23
				8	0	21.71
				8	4	21.73
				8	7	21.80
				15	0	21.83

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1712.5	19975	5	1	0	21.35
				1	12	21.28
				1	24	21.30
				12	0	20.76
				12	7	20.77
				12	13	20.72
	1732.5	20175		25	0	20.86
				1	0	21.68
				1	12	21.65
				1	24	21.71
				12	0	20.53
				12	7	20.51
	1752.5	20375		12	13	20.46
				25	0	20.62
				1	0	22.06
				1	12	22.05
				1	24	22.14
				12	0	20.83
			12	7	20.78	
			12	13	20.84	
			25	0	20.96	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1712.5	19975	5	1	0	22.75
				1	12	22.70
				1	24	22.70
				12	0	21.70
				12	7	21.76
				12	13	21.72
				25	0	21.74
	1732.5	20175		1	0	22.38
				1	12	22.23
				1	24	22.41
				12	0	21.51
				12	7	21.63
				12	13	21.53
				25	0	21.59
	1752.5	20375		1	0	22.89
				1	12	22.89
				1	24	22.94
				12	0	21.84
				12	7	21.78
				12	13	21.79
				25	0	21.87

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1715	20000	10	1	0	22.52
				1	25	22.57
				1	49	22.62
				25	0	20.86
				25	12	20.87
				25	25	20.88
	1732.5	20175		50	0	20.88
				1	0	22.17
				1	25	22.12
				1	49	22.13
				25	0	20.79
				25	12	20.77
	1750	20350		25	25	20.83
				50	0	20.76
				1	0	22.16
				1	25	22.18
				1	49	22.24
				25	0	21.00
				25	12	20.99
				25	25	21.03
				50	0	20.92

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1715	20000	10	1	0	22.83
				1	25	22.75
				1	49	22.72
				25	0	21.71
				25	12	21.73
				25	25	21.64
	1732.5	20175		50	0	21.74
				1	0	22.86
				1	25	22.77
				1	49	22.86
				25	0	21.67
				25	12	21.63
	1750	20350		25	25	21.75
				50	0	21.66
				1	0	22.66
				1	25	22.66
				1	49	22.84
				25	0	21.82
			25	12	21.83	
			25	25	21.80	
			50	0	21.87	



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1717.5	20025	15	1	0	22.63
				1	37	22.63
				1	74	22.57
				36	0	20.82
				36	29	20.80
				36	30	20.80
				75	0	20.90
	1732.5	20175		1	0	22.22
				1	37	22.13
				1	74	22.16
				36	0	20.88
				36	29	20.89
				36	30	20.86
				75	0	20.84
	1747.5	20325		1	0	22.06
				1	37	22.21
				1	74	22.33
				36	0	20.86
				36	29	20.94
				36	30	20.92
				75	0	20.88

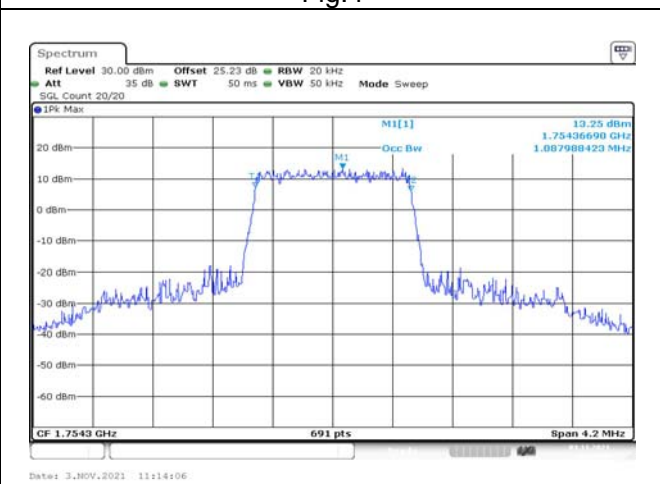
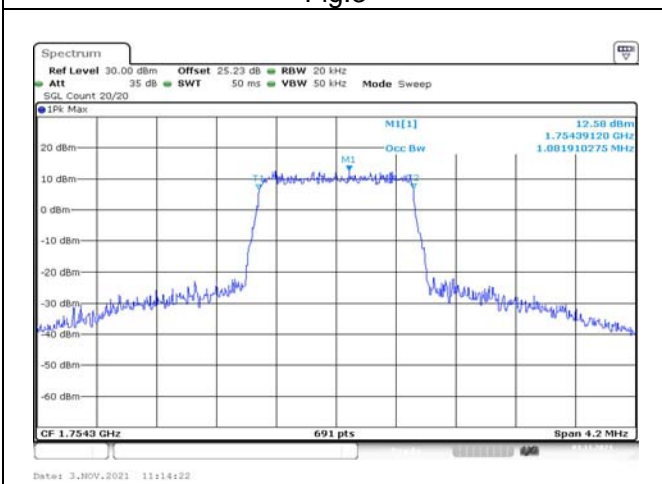
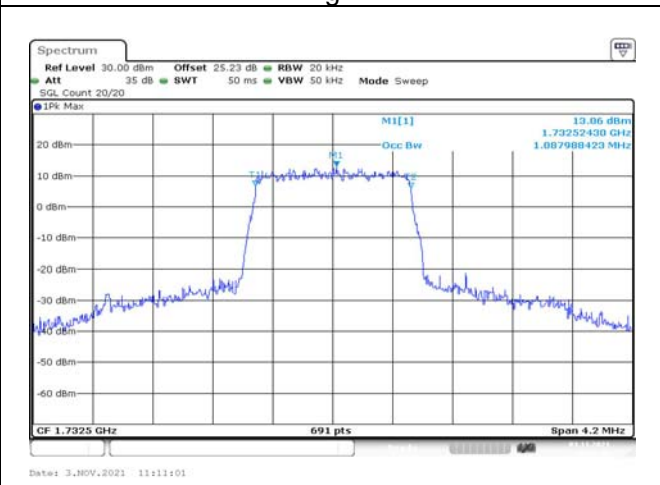
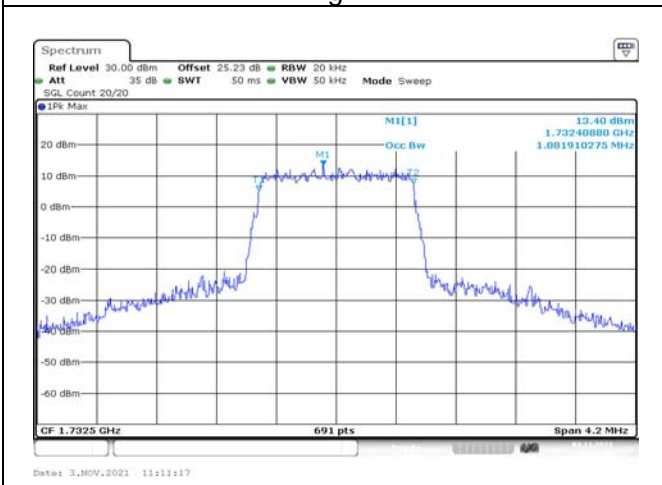
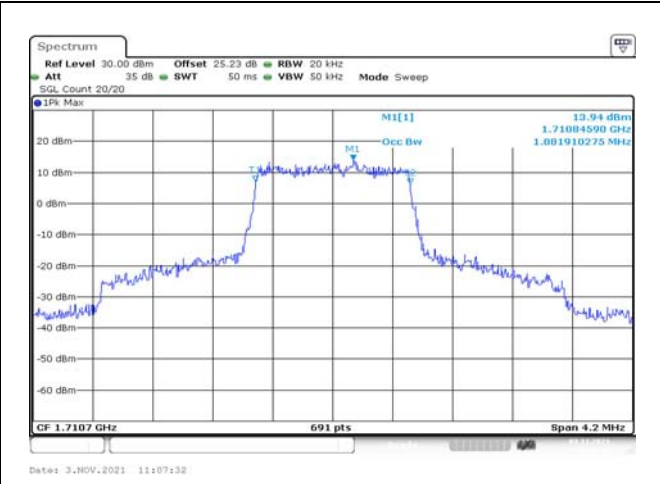
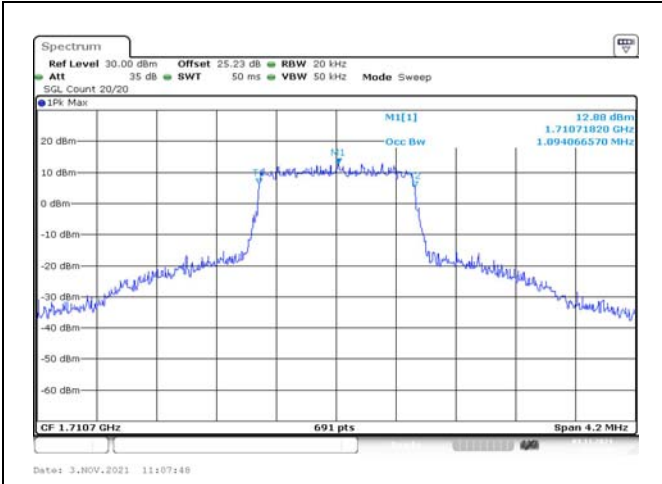
Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1717.5	20025	15	1	0	22.84
				1	37	22.76
				1	74	22.67
				36	0	21.76
				36	29	21.67
				36	30	21.67
	1732.5	20175		75	0	21.65
				1	0	22.94
				1	37	22.79
				1	74	22.90
				36	0	21.69
				36	29	21.66
	1747.5	20325		36	30	21.66
				75	0	21.66
				1	0	22.68
				1	37	22.68
				1	74	22.72
				36	0	21.85
			36	29	21.88	
			36	30	21.86	
			75	0	21.79	

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	1720	20050	20	1	0	22.02
				1	49	21.77
				1	99	21.74
				50	0	20.90
				50	24	20.80
				50	50	20.82
				100	0	20.81
	1732.5	20175		1	0	22.15
				1	49	21.88
				1	99	22.01
				50	0	20.81
				50	24	20.79
				50	50	20.86
				100	0	20.74
	1745	20300		1	0	22.00
				1	49	21.96
				1	99	22.12
				50	0	20.76
				50	24	20.87
				50	50	20.96
				100	0	20.98

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	1720	20050	20	1	0	22.55
				1	49	22.45
				1	99	22.54
				50	0	21.73
				50	24	21.64
				50	50	21.68
				100	0	21.74
	1732.5	20175		1	0	22.64
				1	49	22.58
				1	99	22.70
				50	0	21.73
				50	24	21.67
				50	50	21.68
				100	0	21.68
	1745	20300		1	0	22.54
				1	49	22.66
				1	99	22.87
				50	0	21.69
				50	24	21.80
				50	50	21.88
				100	0	21.77

## 2 Occupied Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1710.7	19957	1.4	6	0	1.082	Fig.1	1.094	Fig.2	---	---
	1732.5	20175		6	0	1.088	Fig.3	1.082	Fig.4	---	---
	1754.3	20393		6	0	1.088	Fig.5	1.082	Fig.6	---	---
	1711.5	19965	3	15	0	2.683	Fig.7	2.696	Fig.8	---	---
	1732.5	20175		15	0	2.683	Fig.9	2.696	Fig.10	---	---
	1753.5	20385		15	0	2.696	Fig.11	2.696	Fig.12	---	---
	1712.5	19975	5	25	0	4.493	Fig.13	4.472	Fig.14	---	---
	1732.5	20175		25	0	4.493	Fig.15	4.472	Fig.16	---	---
	1752.5	20375		25	0	4.472	Fig.17	4.472	Fig.18	---	---
	1715	20000	10	50	0	8.944	Fig.19	8.944	Fig.20	---	---
	1732.5	20175		50	0	8.944	Fig.21	8.987	Fig.22	---	---
	1750	20350		50	0	8.944	Fig.23	8.944	Fig.24	---	---
	1717.5	20025	15	75	0	13.415	Fig.25	13.415	Fig.26	---	---
	1732.5	20175		75	0	13.480	Fig.27	13.480	Fig.28	---	---
	1747.5	20325		75	0	13.415	Fig.29	13.480	Fig.30	---	---
	1720	20050	20	100	0	17.887	Fig.31	17.887	Fig.32	---	---
1732.5	20175	100		0	17.887	Fig.33	17.887	Fig.34	---	---	
1745	20300	100		0	17.887	Fig.35	17.887	Fig.36	---	---	



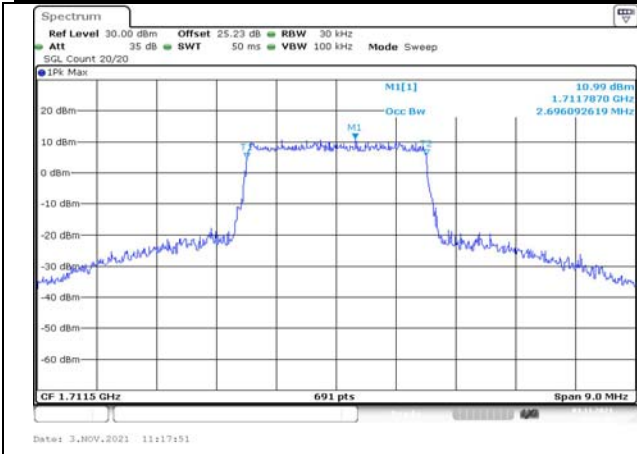


Fig.7

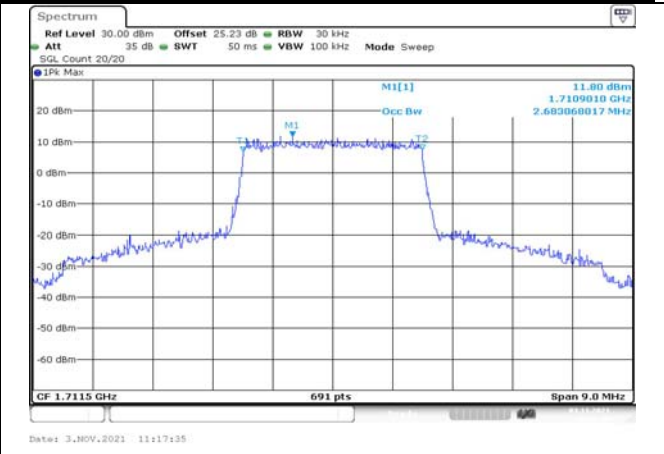


Fig.8

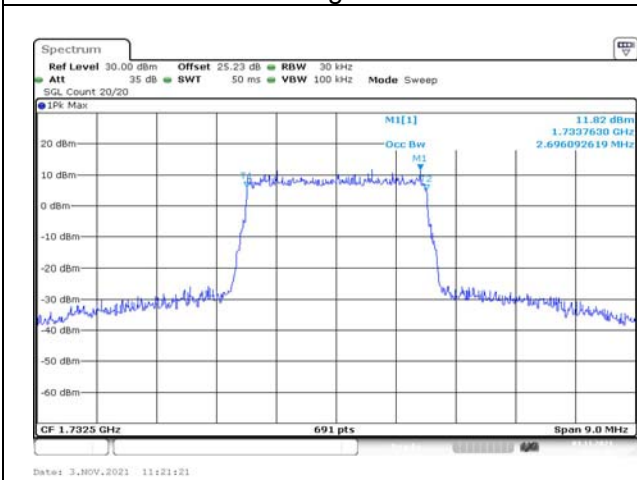


Fig.9

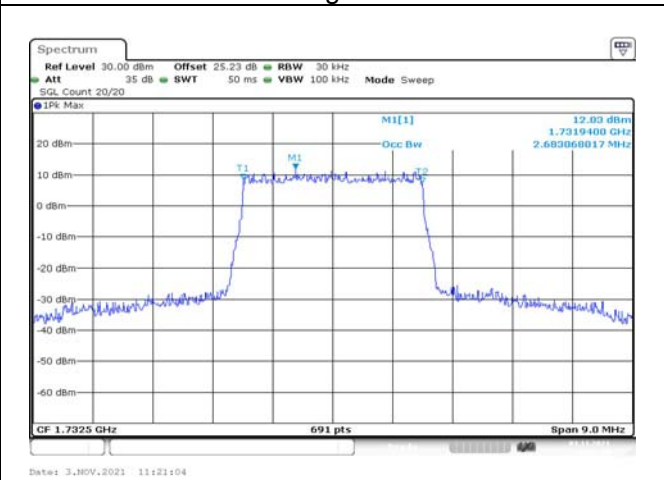


Fig.10

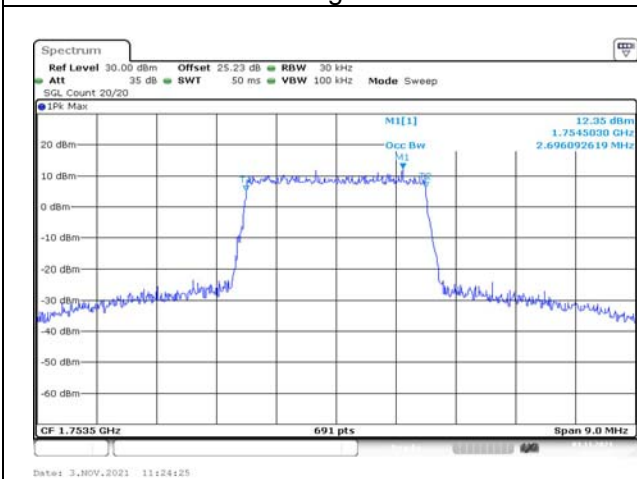


Fig.11

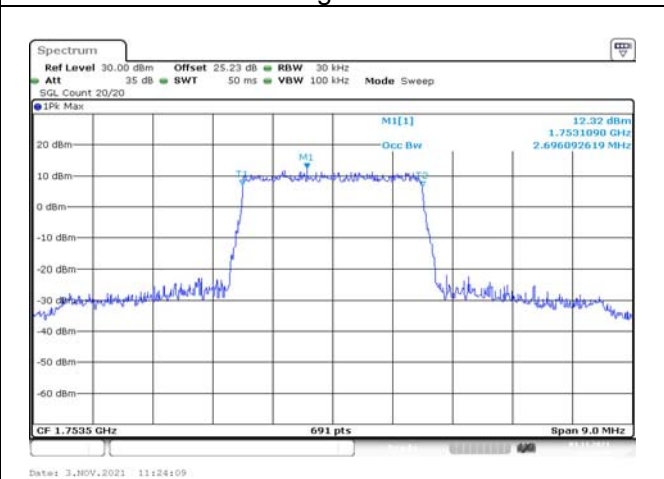


Fig.12

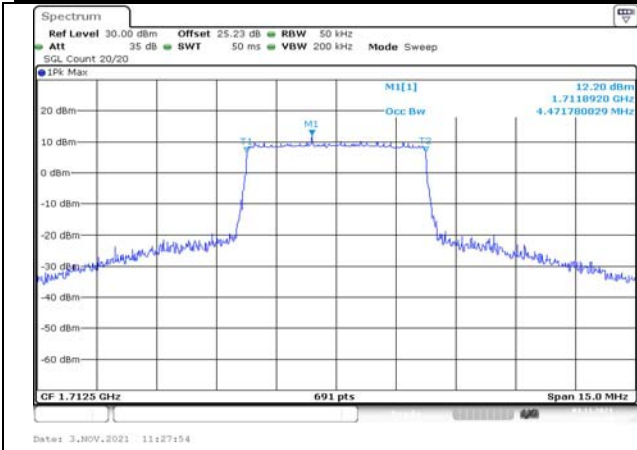


Fig.13

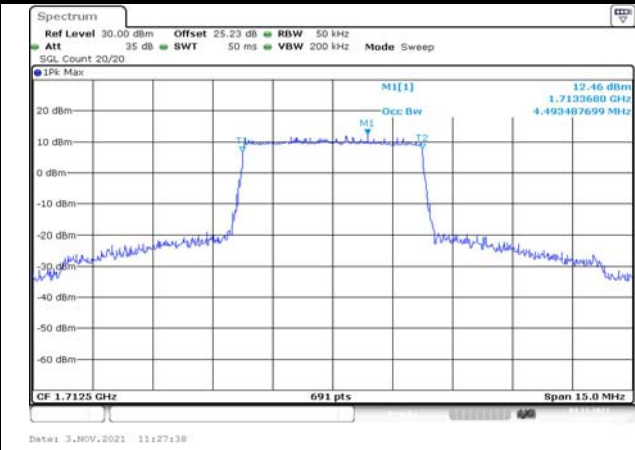


Fig.14

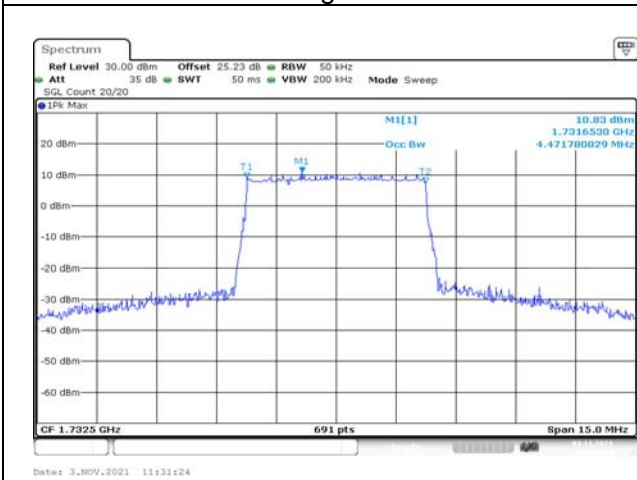


Fig.15

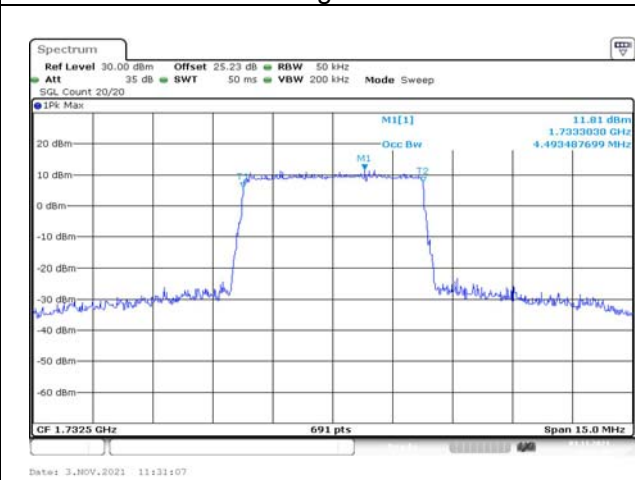


Fig.16

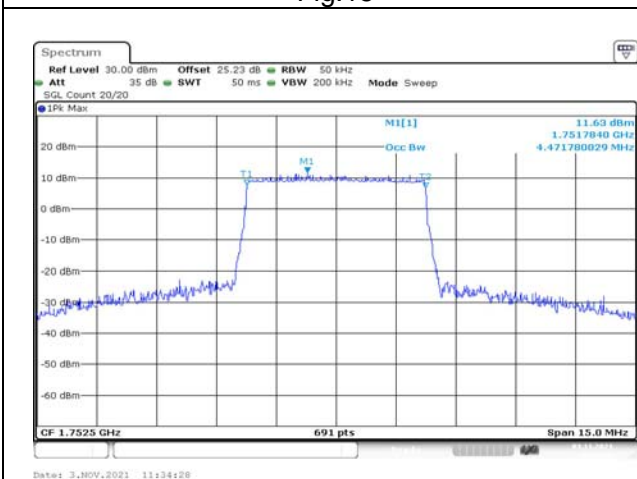


Fig.17

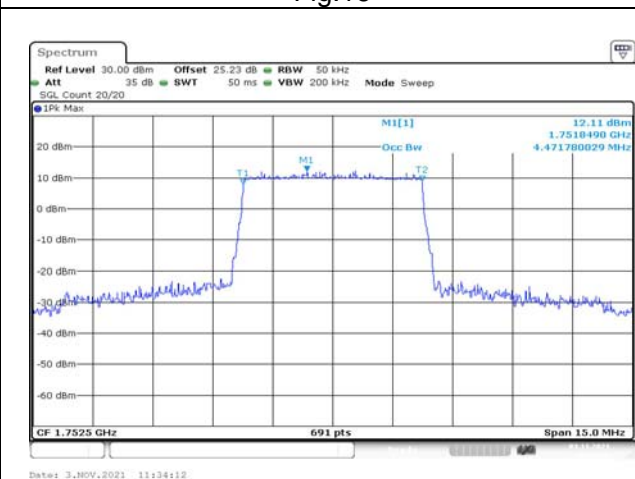


Fig.18



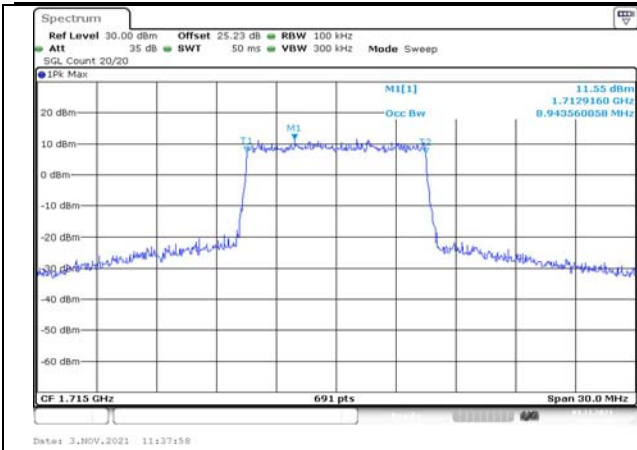


Fig.19

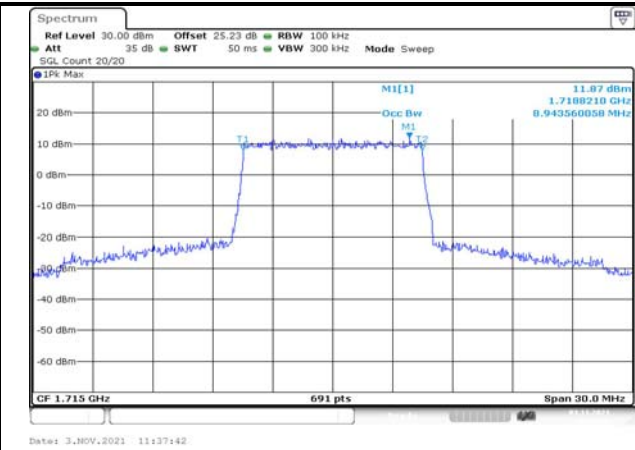


Fig.20

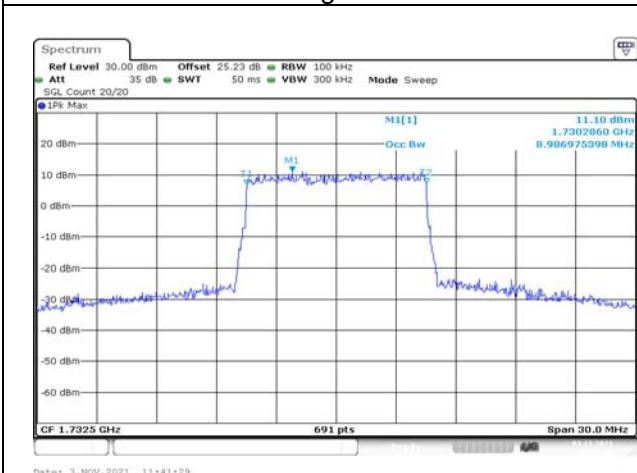


Fig.21

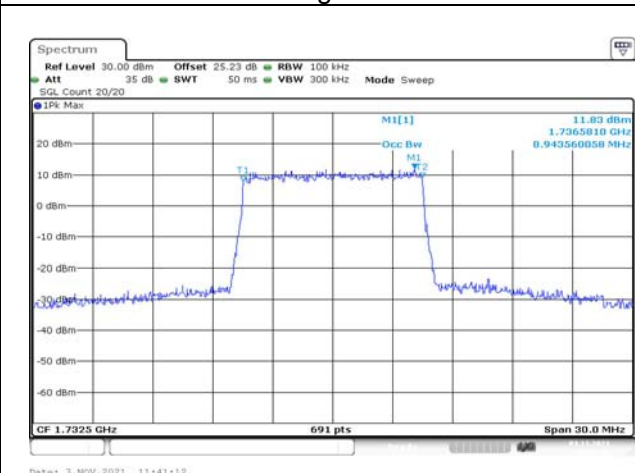


Fig.22

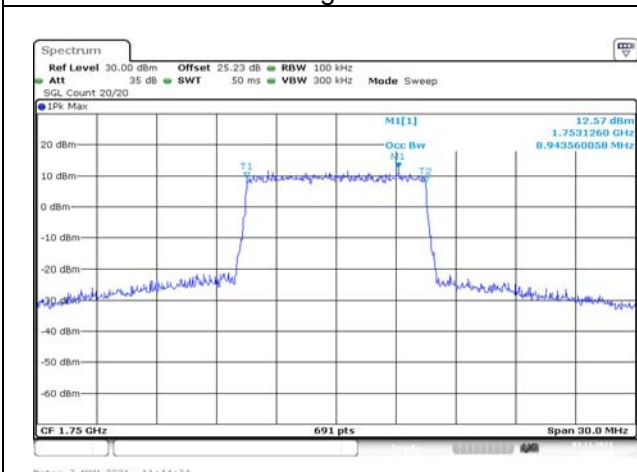


Fig.23

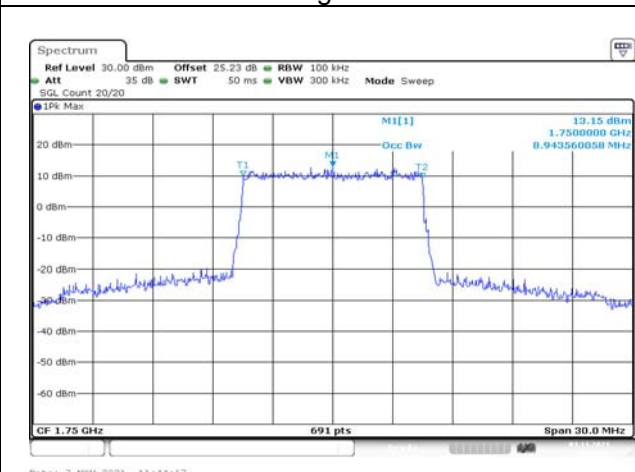


Fig.24

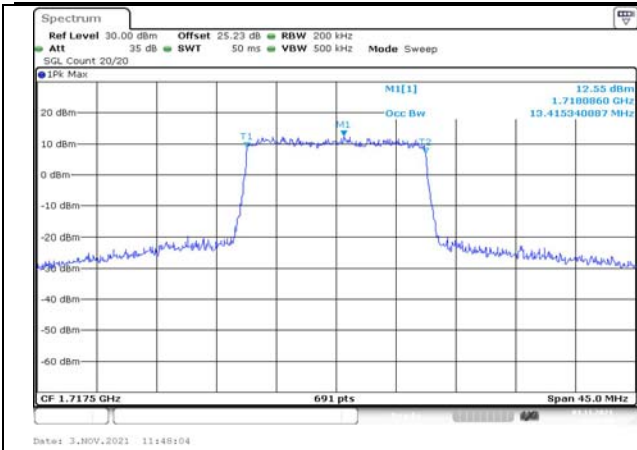


Fig.25

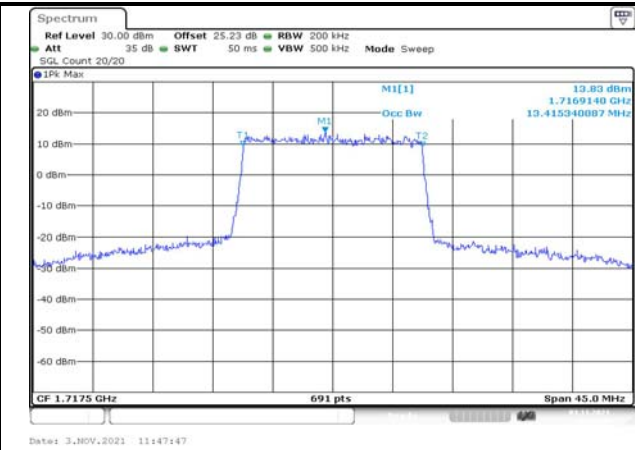


Fig.26

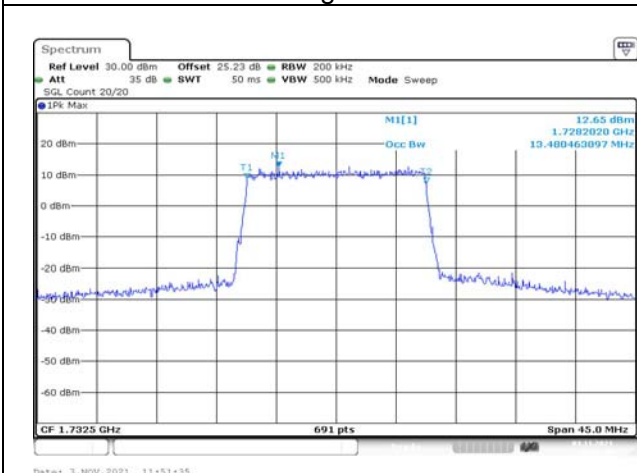


Fig.27

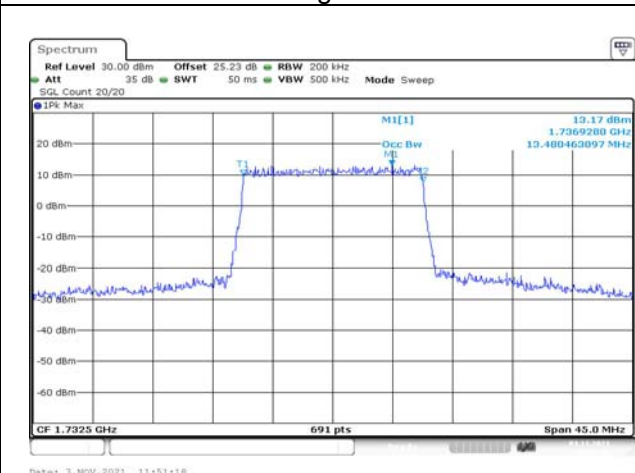


Fig.28

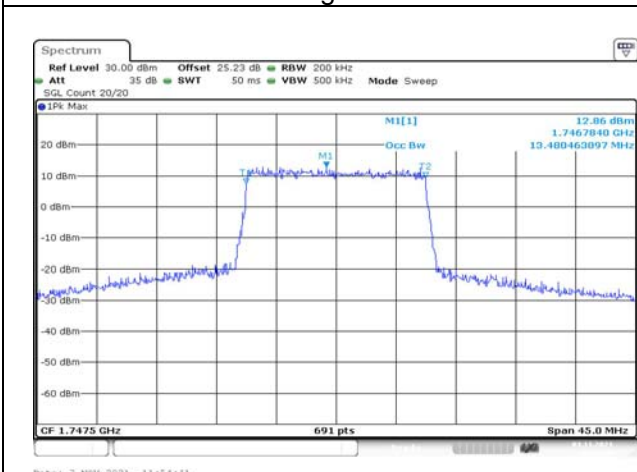


Fig.29

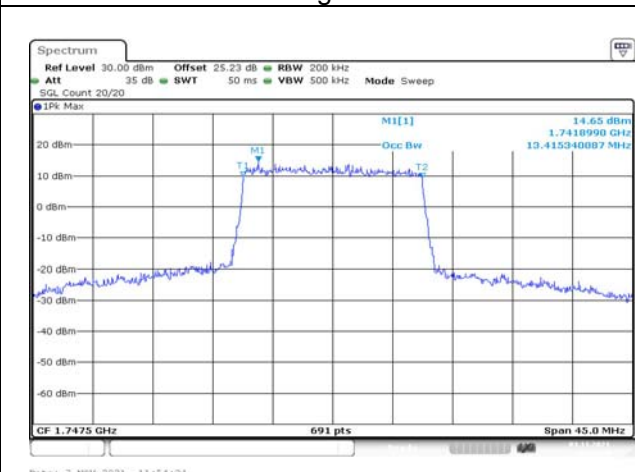


Fig.30

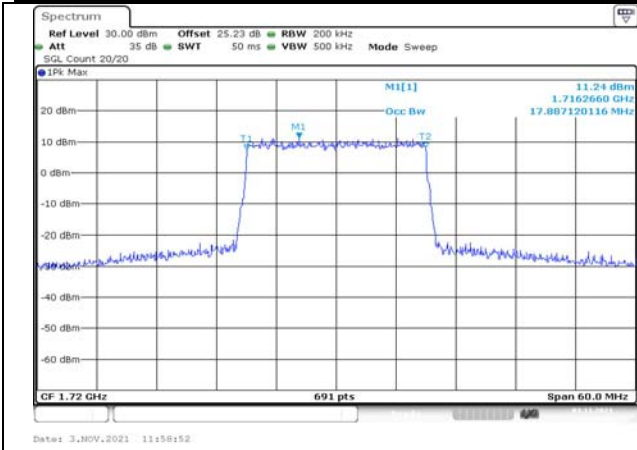


Fig.31

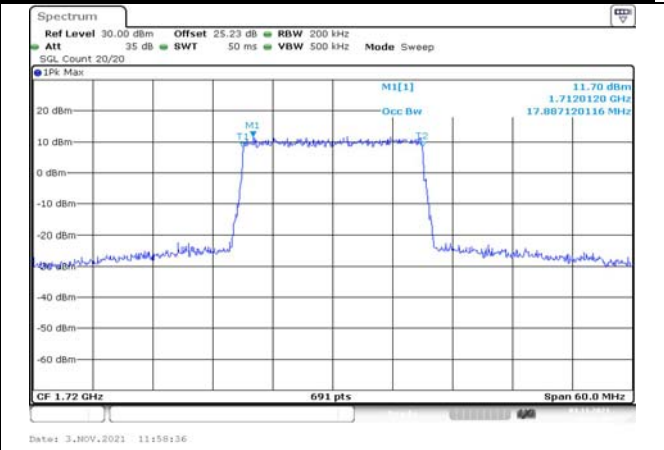


Fig.32

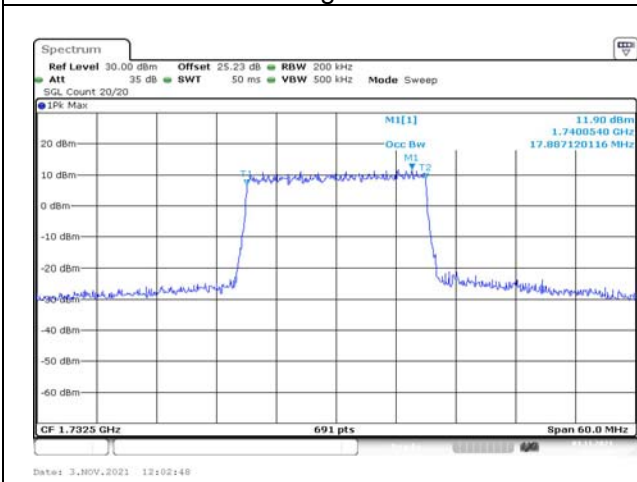


Fig.33

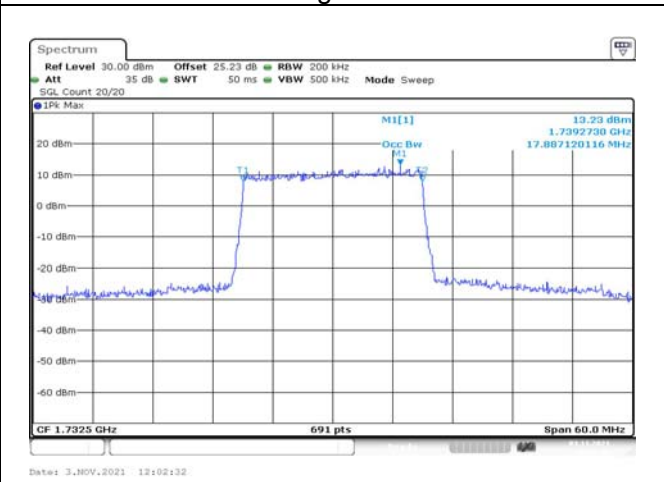


Fig.34

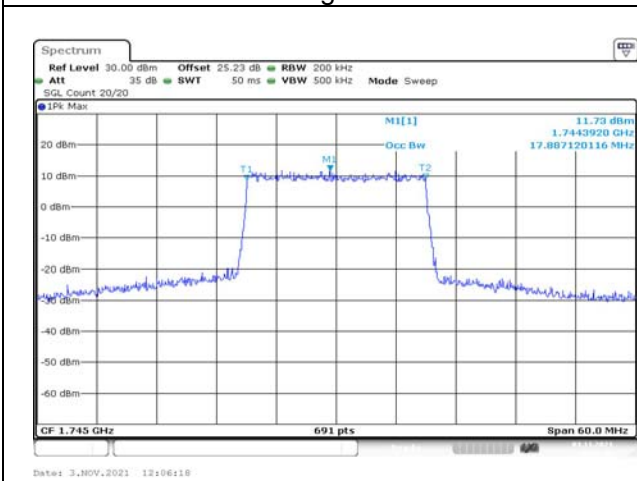


Fig.35

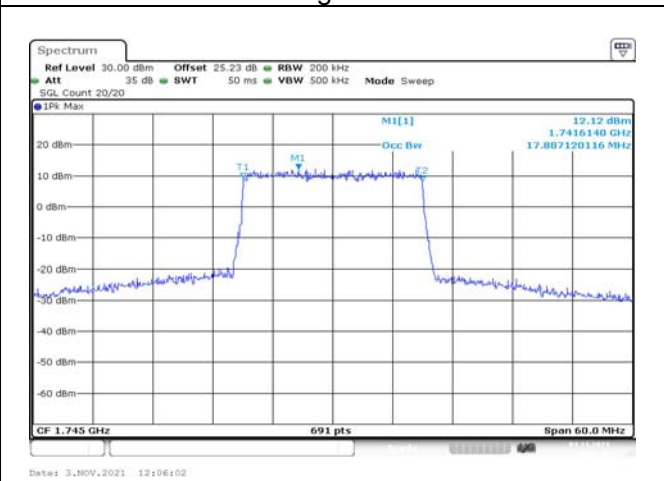


Fig.36

### 3 Emission Bandwidth

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
4	1710.7	19957	1.4	6	0	1.240	Fig.1	1.234	Fig.2	---	---
	1732.5	20175		6	0	1.228	Fig.3	1.228	Fig.4	---	---
	1754.3	20393		6	0	1.228	Fig.5	1.234	Fig.6	---	---
	1711.5	19965	3	15	0	2.996	Fig.7	2.996	Fig.8	---	---
	1732.5	20175		15	0	2.957	Fig.9	2.983	Fig.10	---	---
	1753.5	20385		15	0	3.009	Fig.11	2.970	Fig.12	---	---
	1712.5	19975	5	25	0	4.884	Fig.13	4.906	Fig.14	---	---
	1732.5	20175		25	0	4.884	Fig.15	4.863	Fig.16	---	---
	1752.5	20375		25	0	4.884	Fig.17	4.863	Fig.18	---	---
	1715	20000	10	50	0	9.768	Fig.19	9.682	Fig.20	---	---
	1732.5	20175		50	0	9.725	Fig.21	9.725	Fig.22	---	---
	1750	20350		50	0	9.725	Fig.23	9.725	Fig.24	---	---
	1717.5	20025	15	75	0	14.653	Fig.25	14.783	Fig.26	---	---
	1732.5	20175		75	0	14.718	Fig.27	14.783	Fig.28	---	---
	1747.5	20325		75	0	14.783	Fig.29	14.653	Fig.30	---	---
	1720	20050	20	100	0	19.276	Fig.31	19.363	Fig.32	---	---
1732.5	20175	100		0	19.190	Fig.33	19.190	Fig.34	---	---	
1745	20300	100		0	19.450	Fig.35	19.363	Fig.36	---	---	

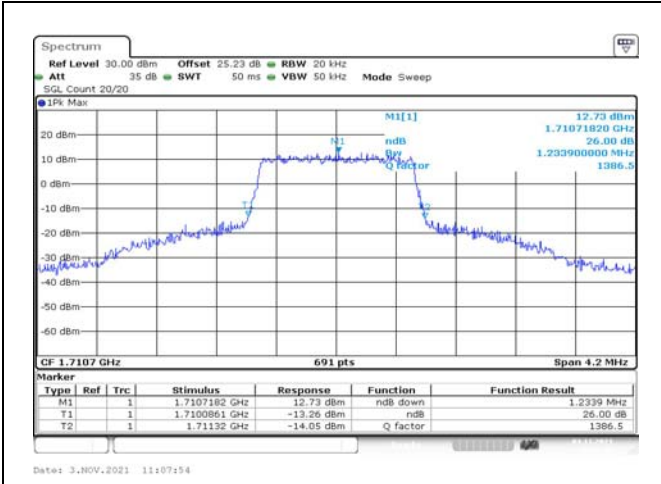


Fig.1

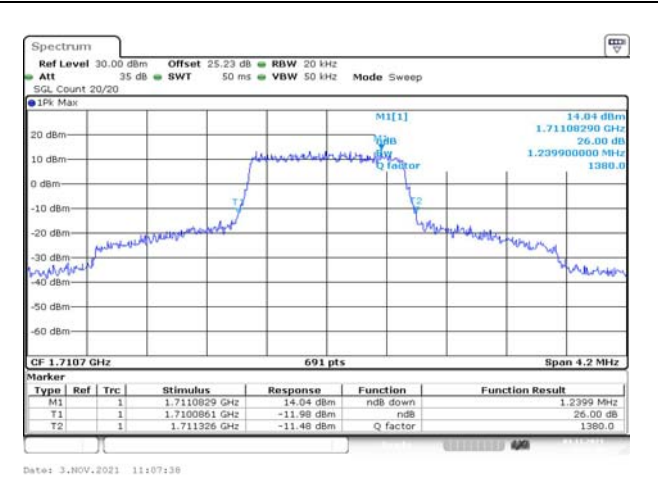


Fig.2

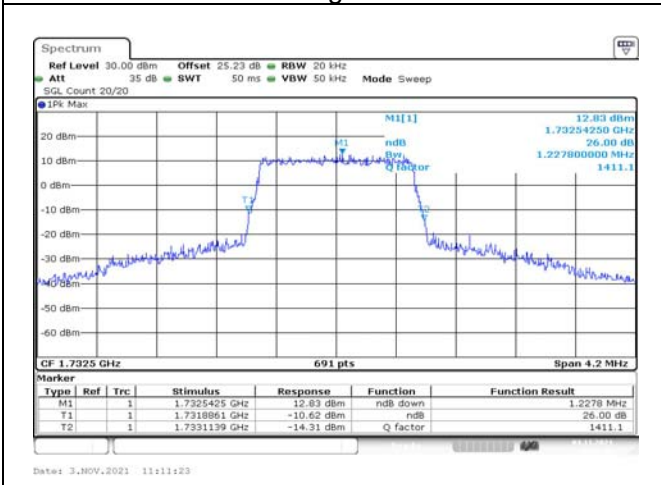


Fig.3

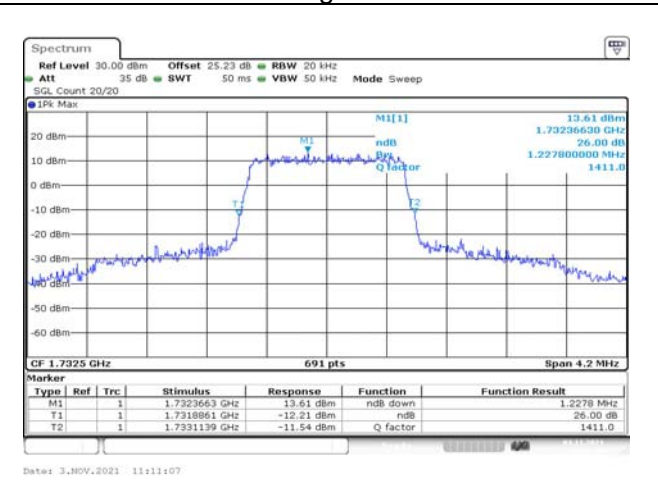


Fig.4

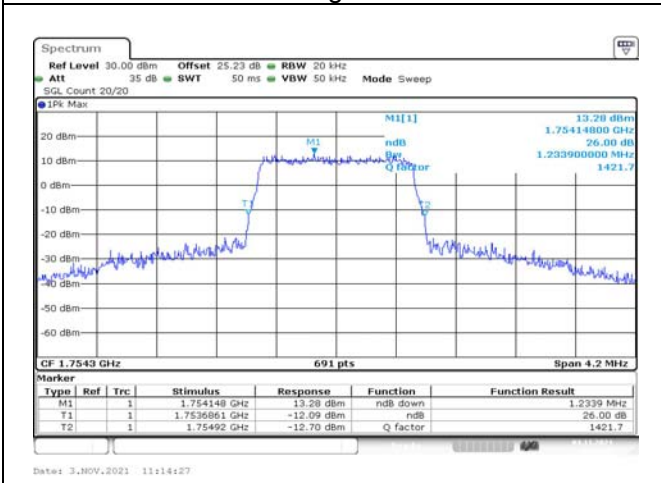


Fig.5

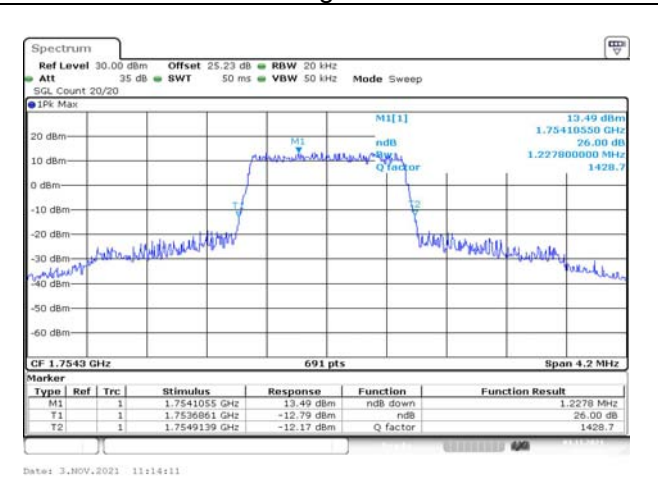


Fig.6

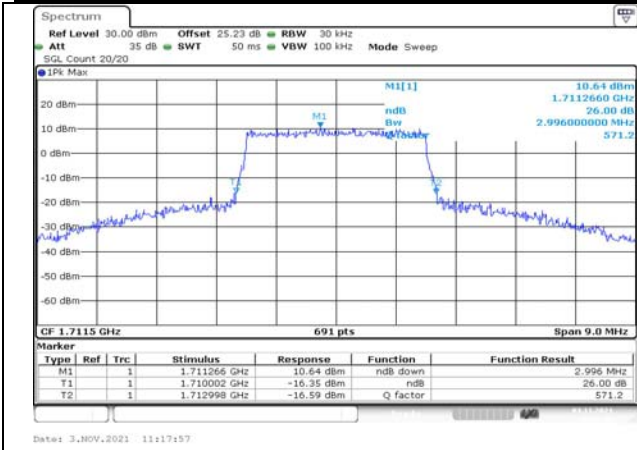


Fig.7

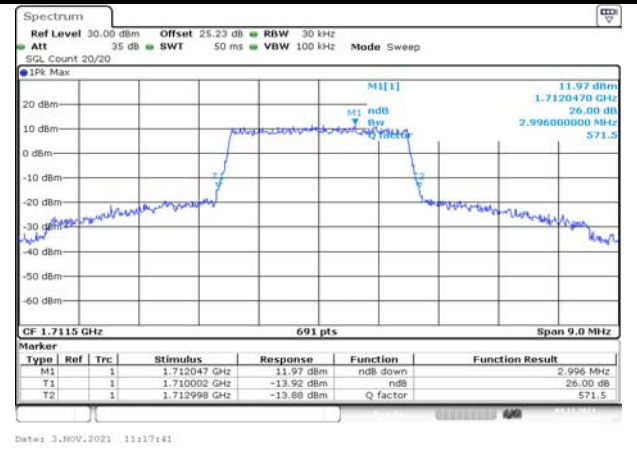


Fig.8

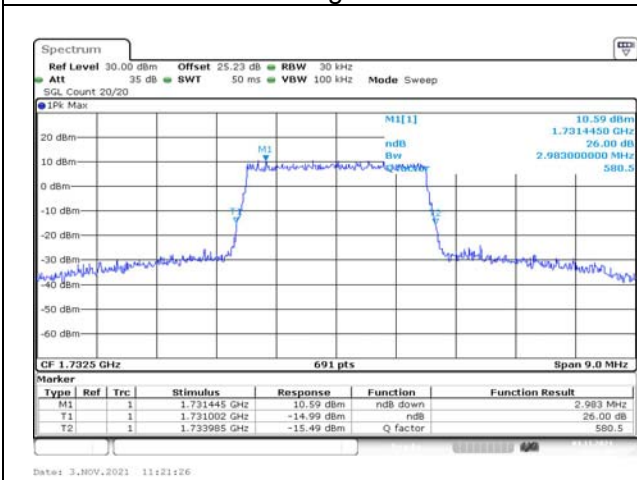


Fig.9

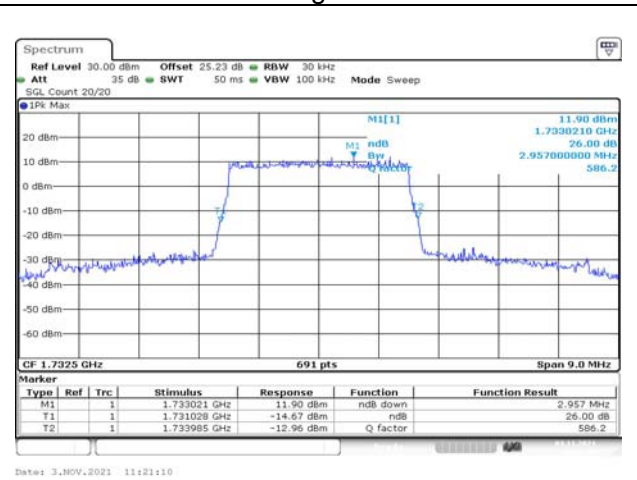


Fig.10

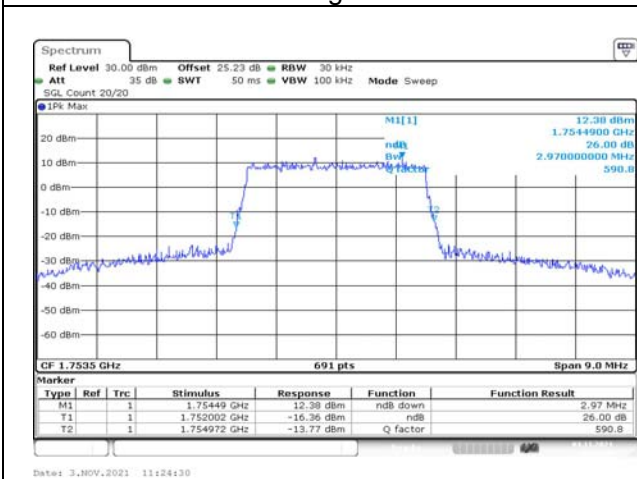


Fig.11

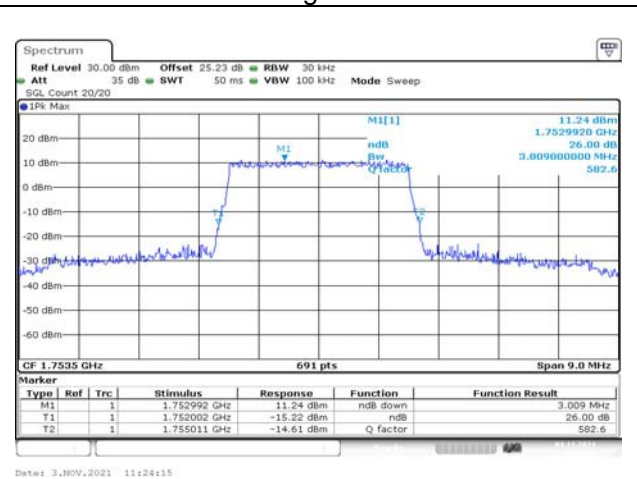


Fig.12

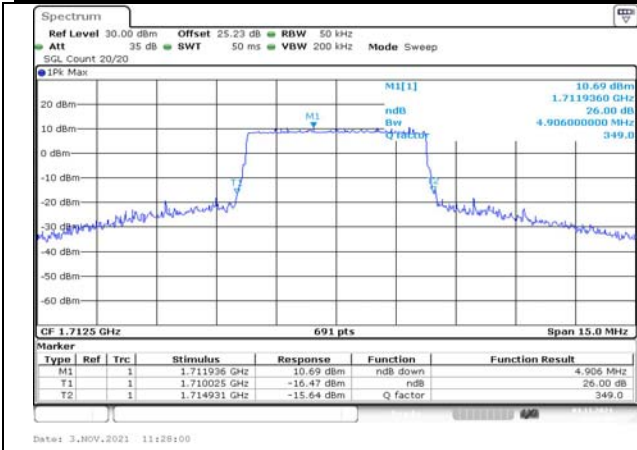


Fig.13

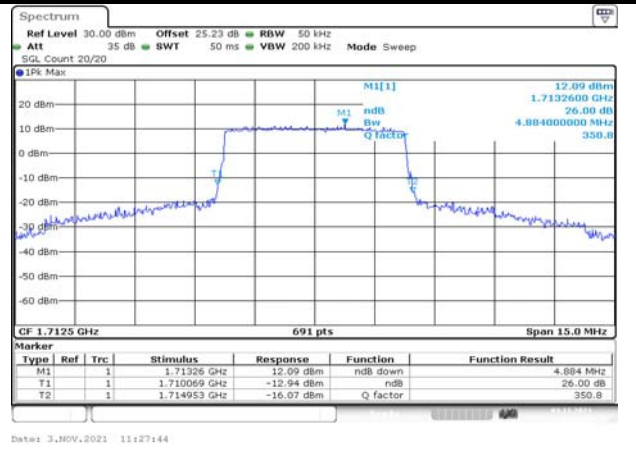


Fig.14

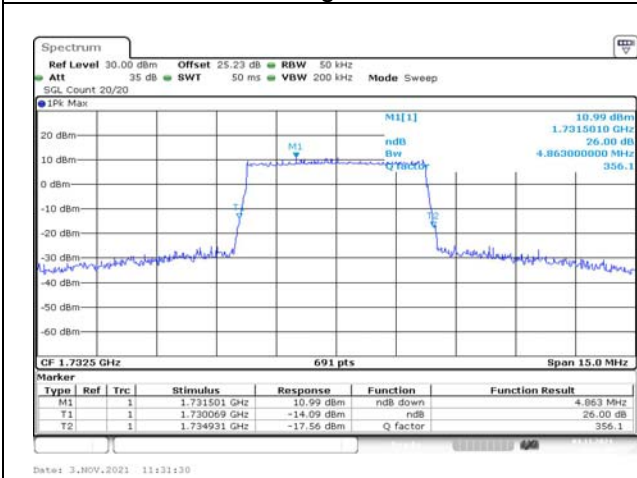


Fig.15

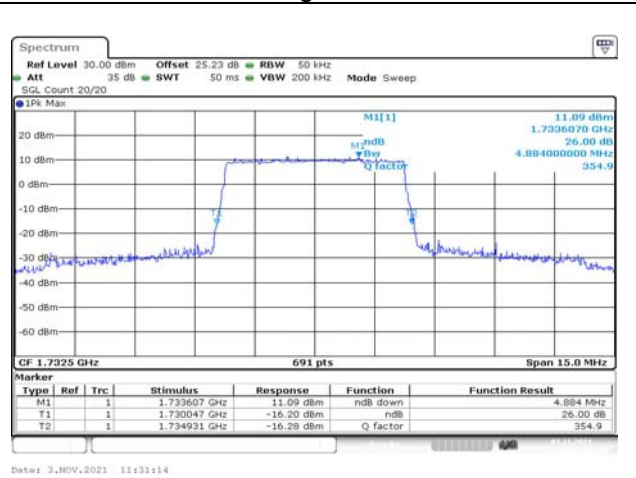


Fig.16

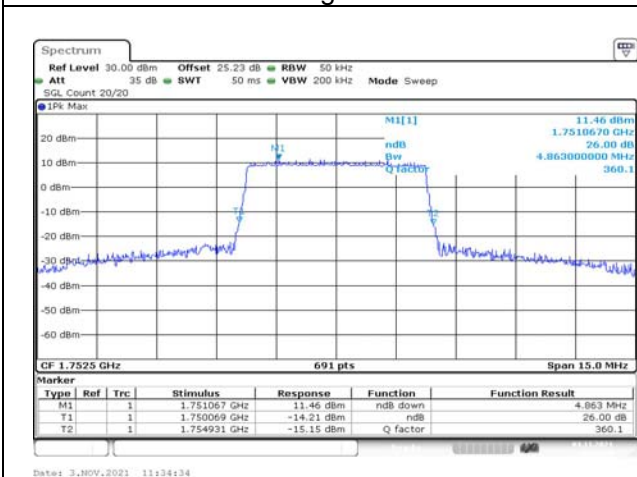


Fig.17

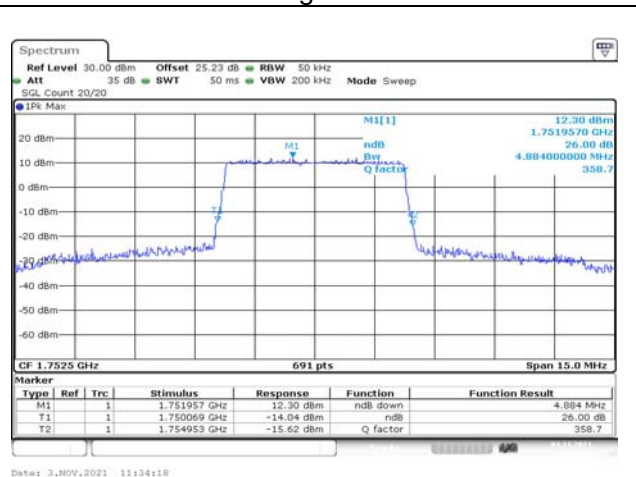


Fig.18

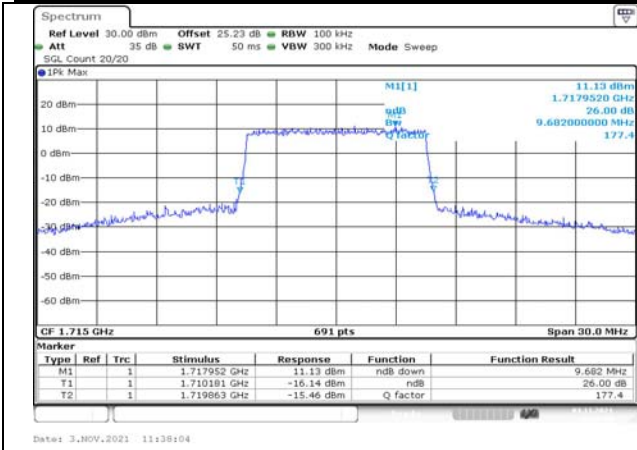


Fig.19

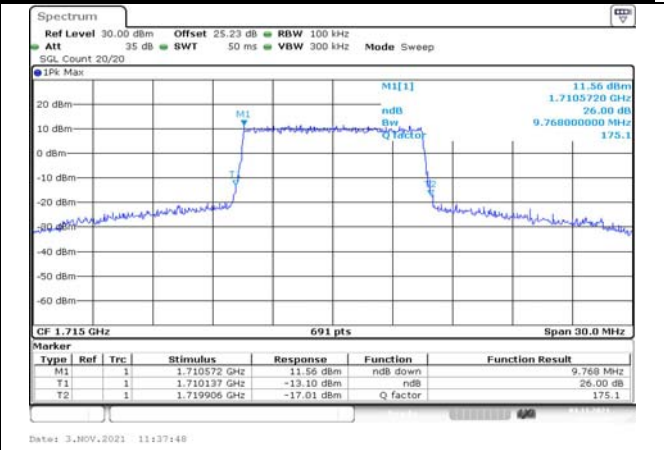


Fig.20

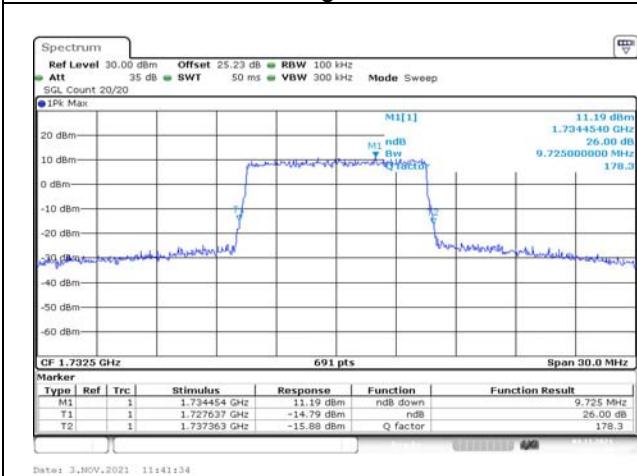


Fig.21

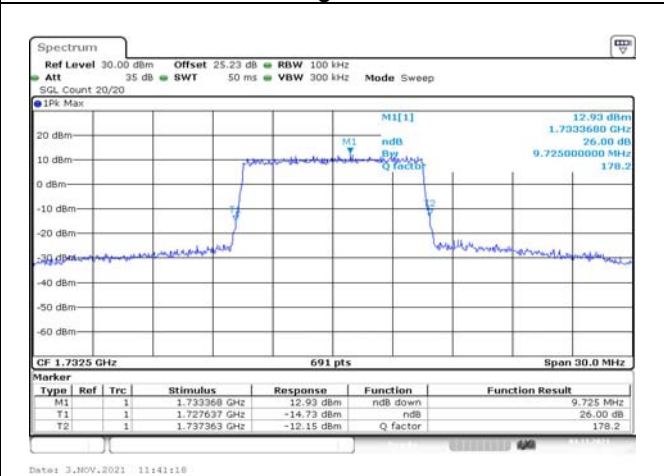


Fig.22

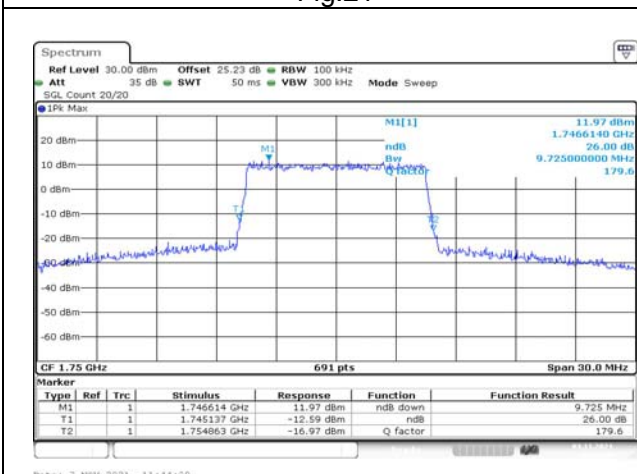


Fig.23

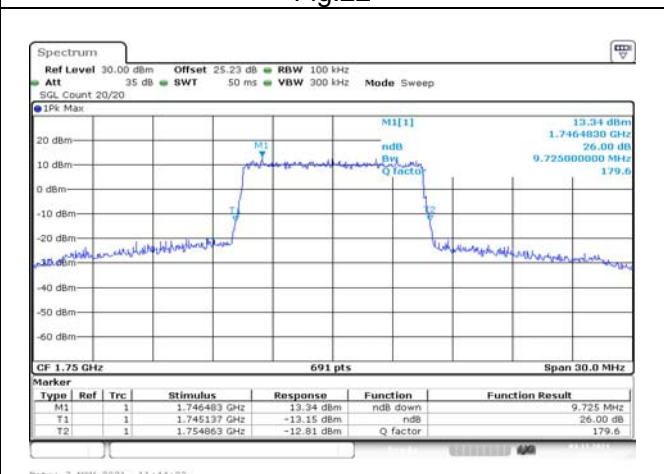


Fig.24



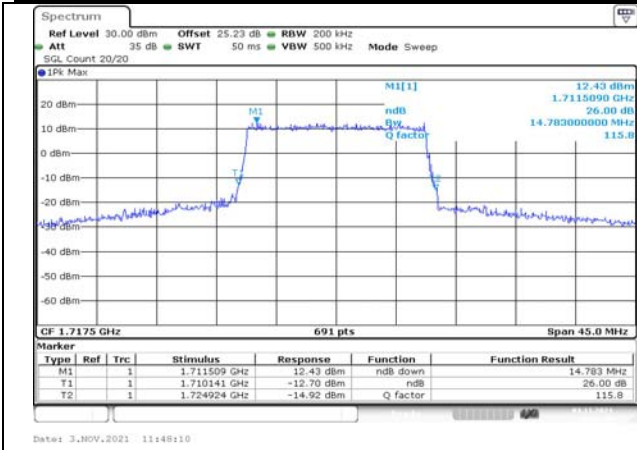


Fig.25

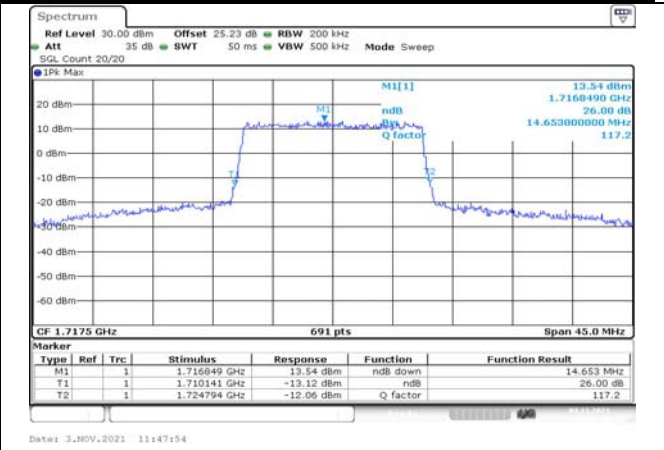


Fig.26

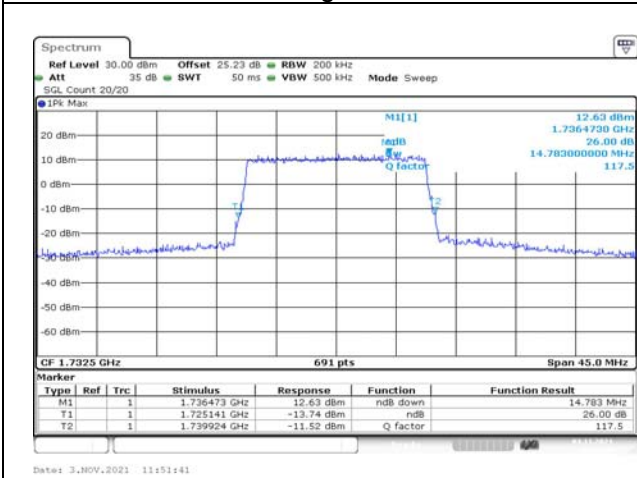


Fig.27

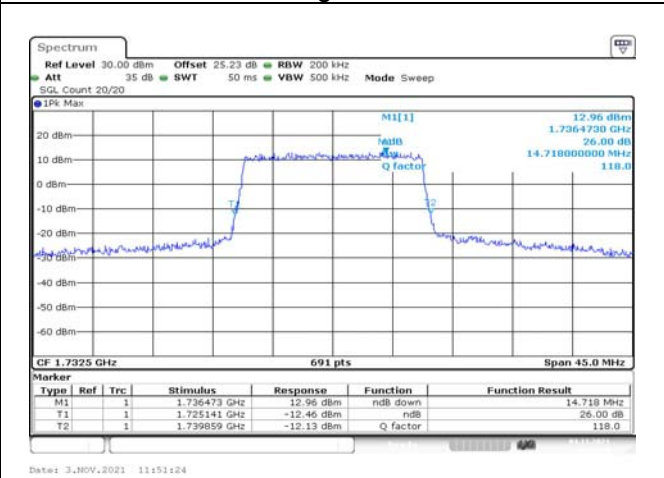


Fig.28



Fig.29

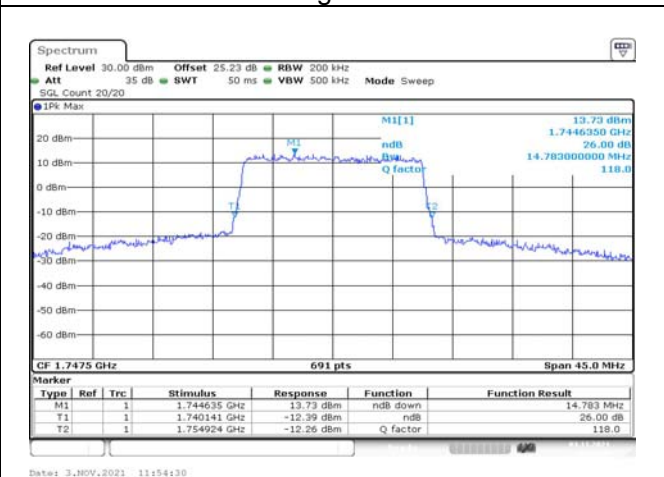


Fig.30

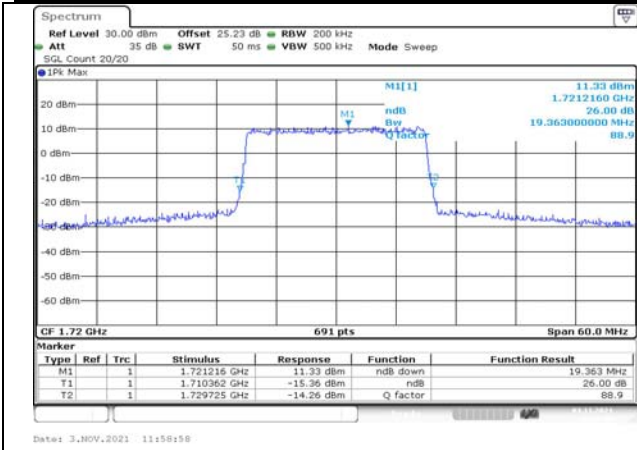


Fig.31

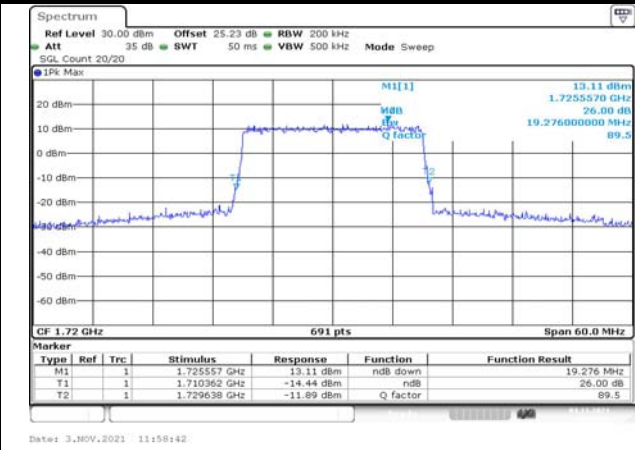


Fig.32

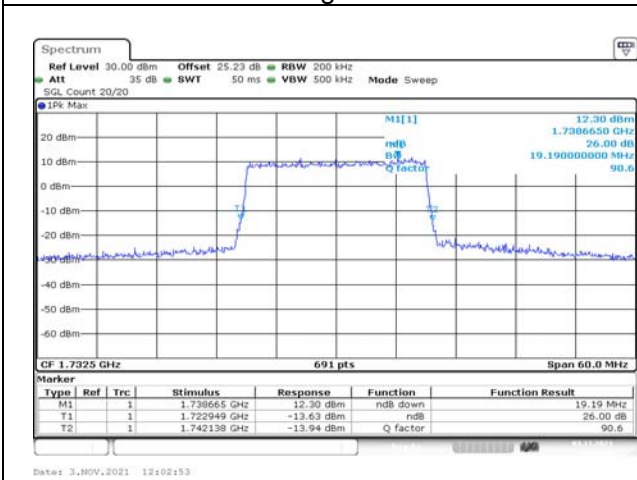


Fig.33

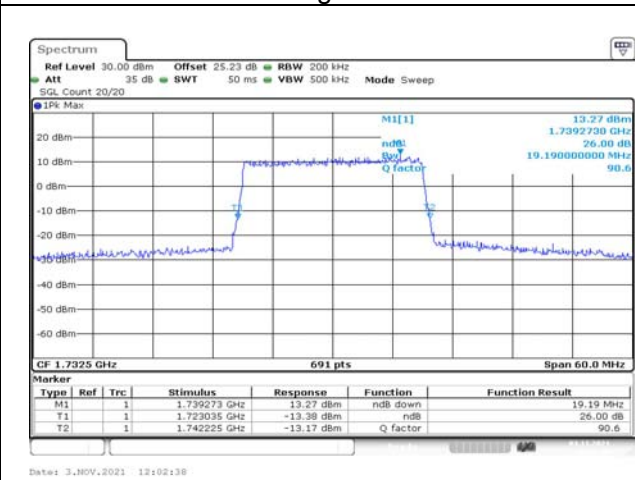


Fig.34

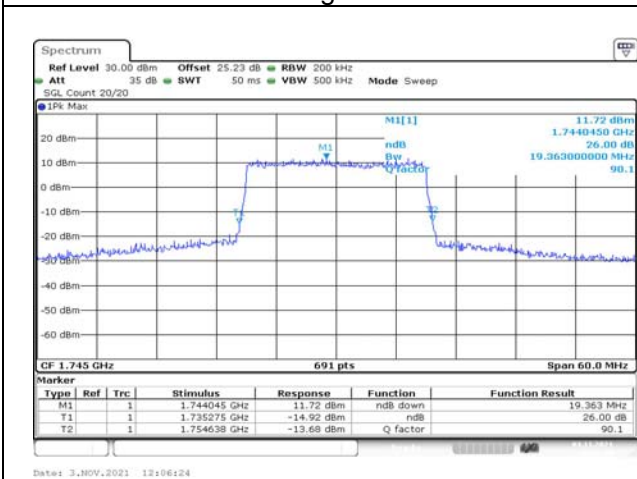


Fig.35

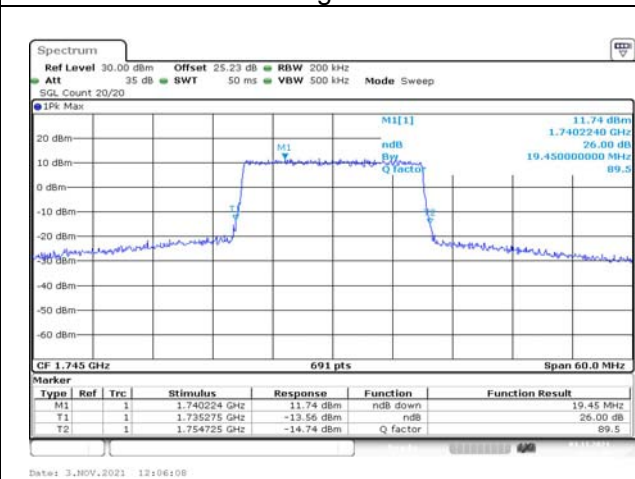


Fig.36

#### 4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
4	1710.7	19957	1.4	1	5	Fig.1	Fig.2	---
	1710.7	19957		6	0	Fig.3	Fig.4	---
	1732.5	20175		1	5	Fig.5	Fig.6	---
	1732.5	20175		6	0	Fig.7	Fig.8	---
	1754.3	20393		1	5	Fig.9	Fig.10	---
	1754.3	20393		6	0	Fig.11	Fig.12	---
	1711.5	19965	3	1	14	Fig.13	Fig.14	---
	1711.5	19965		15	0	Fig.15	Fig.16	---
	1732.5	20175		1	14	Fig.17	Fig.18	---
	1732.5	20175		15	0	Fig.19	Fig.20	---
	1753.5	20385		1	14	Fig.21	Fig.22	---
	1753.5	20385		15	0	Fig.23	Fig.24	---
	1712.5	19975	5	1	24	Fig.25	Fig.26	---
	1712.5	19975		25	0	Fig.27	Fig.28	---
	1732.5	20175		1	24	Fig.29	Fig.30	---
	1732.5	20175		25	0	Fig.31	Fig.32	---
	1752.5	20375		1	24	Fig.33	Fig.34	---
	1752.5	20375		25	0	Fig.35	Fig.36	---
	1715	20000	10	1	49	Fig.37	Fig.38	---
	1715	20000		50	0	Fig.39	Fig.40	---
	1732.5	20175		1	49	Fig.41	Fig.42	---
	1732.5	20175		50	0	Fig.43	Fig.44	---
	1750	20350		1	49	Fig.45	Fig.46	---
	1750	20350		50	0	Fig.47	Fig.48	---
	1717.5	20025	15	1	74	Fig.49	Fig.50	---
	1717.5	20025		75	0	Fig.51	Fig.52	---
	1732.5	20175		1	74	Fig.53	Fig.54	---
	1732.5	20175		75	0	Fig.55	Fig.56	---
	1747.5	20325		1	74	Fig.57	Fig.58	---
	1747.5	20325		75	0	Fig.59	Fig.60	---
	1720	20050	20	1	99	Fig.61	Fig.62	---
	1720	20050		100	0	Fig.63	Fig.64	---
	1732.5	20175		1	99	Fig.65	Fig.66	---
	1732.5	20175		100	0	Fig.67	Fig.68	---
	1745	20300		1	99	Fig.69	Fig.70	---
	1745	20300		100	0	Fig.71	Fig.72	---

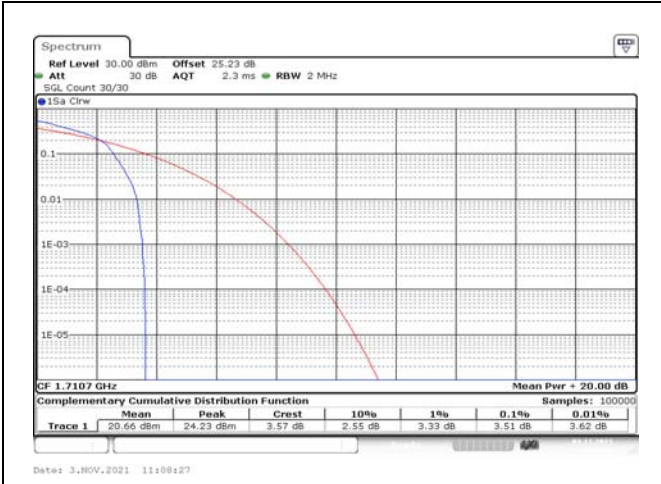


Fig.1

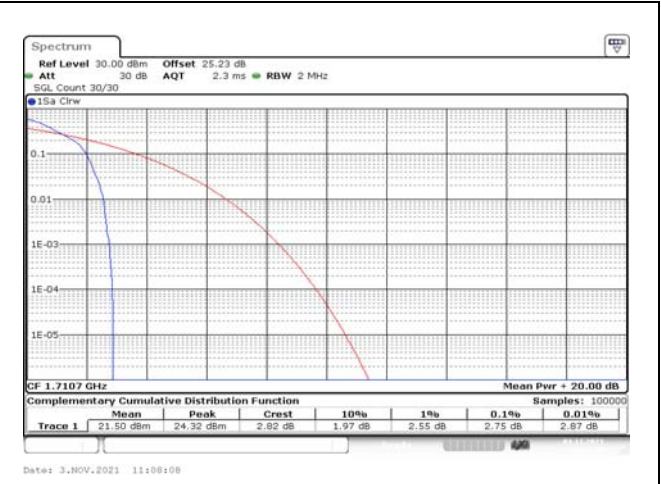


Fig.2

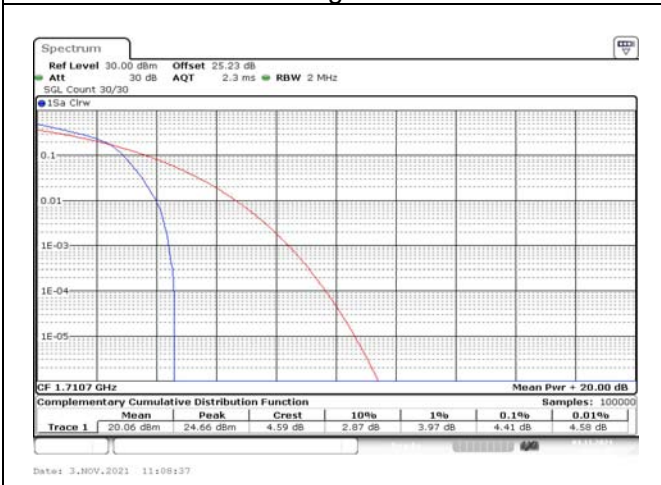


Fig.3

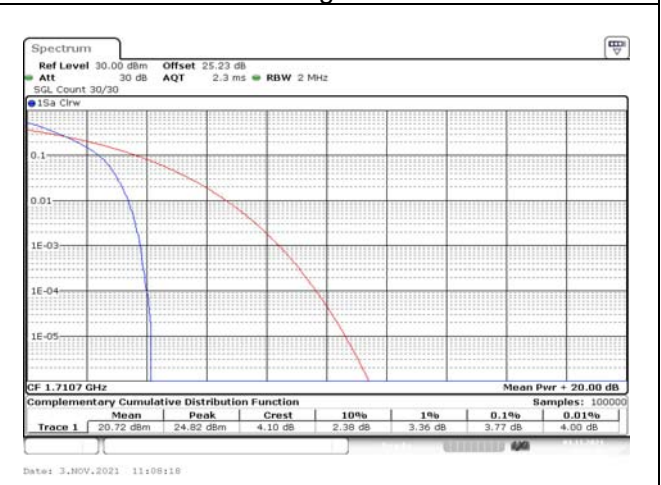


Fig.4

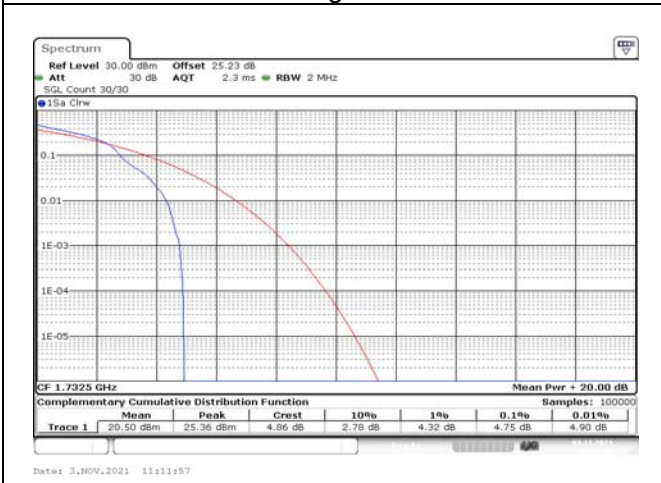


Fig.5

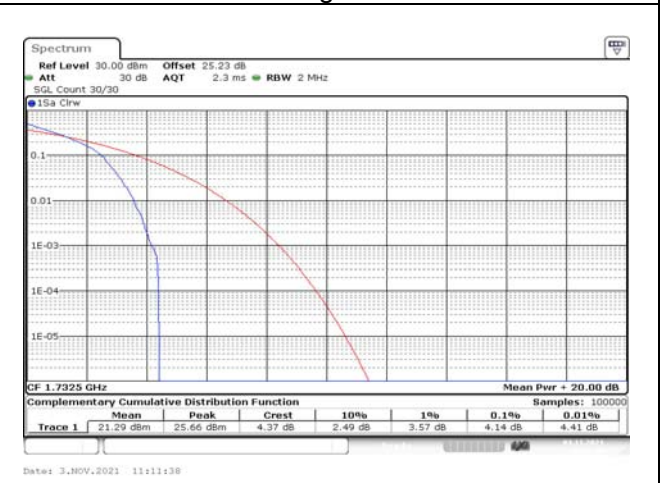


Fig.6

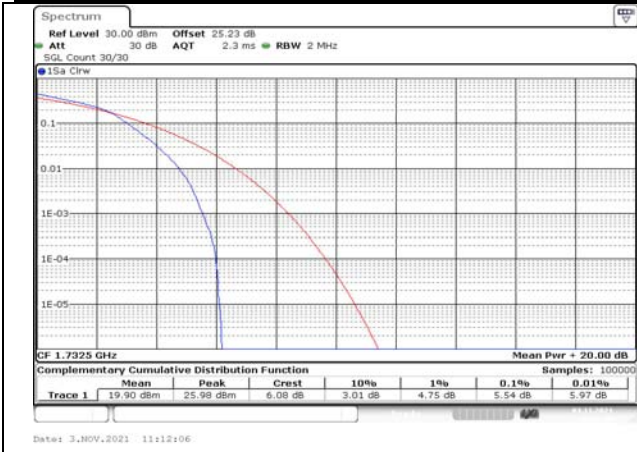


Fig.7



Fig.8

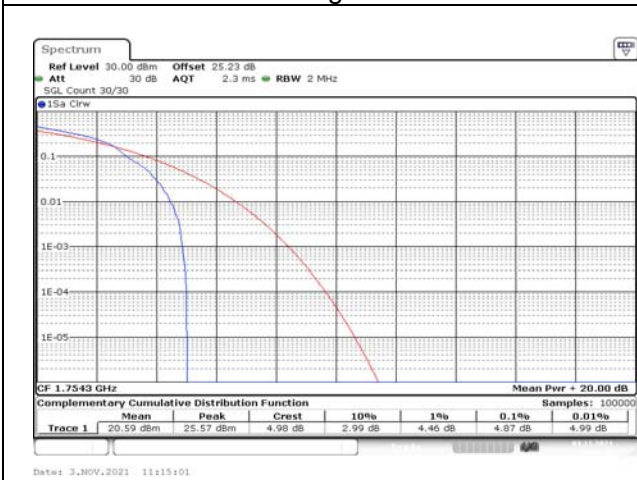


Fig.9

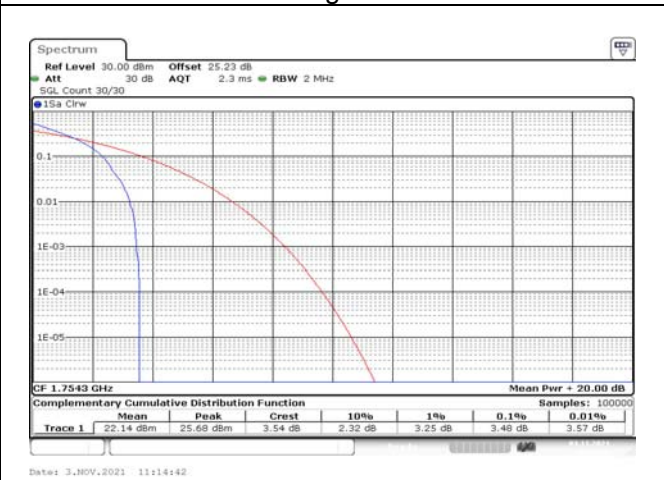


Fig.10

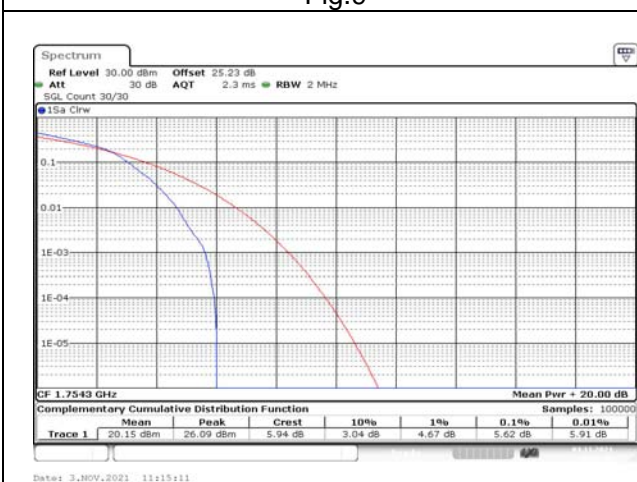


Fig.11

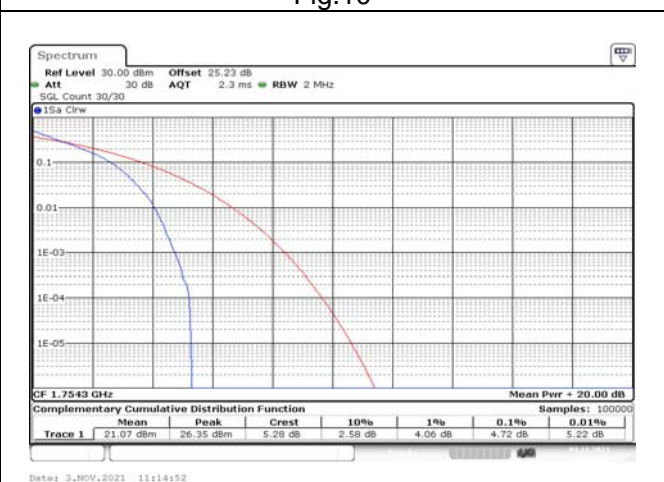


Fig.12



Fig.13

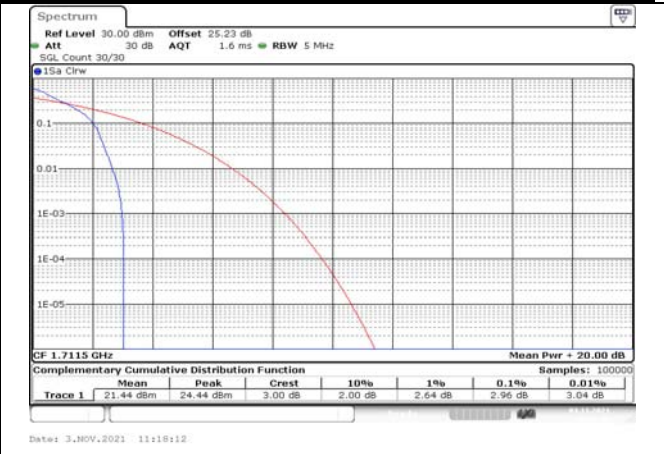


Fig.14

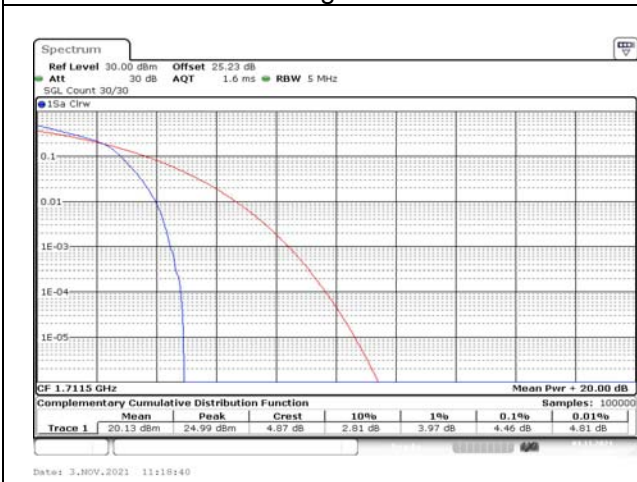


Fig.15

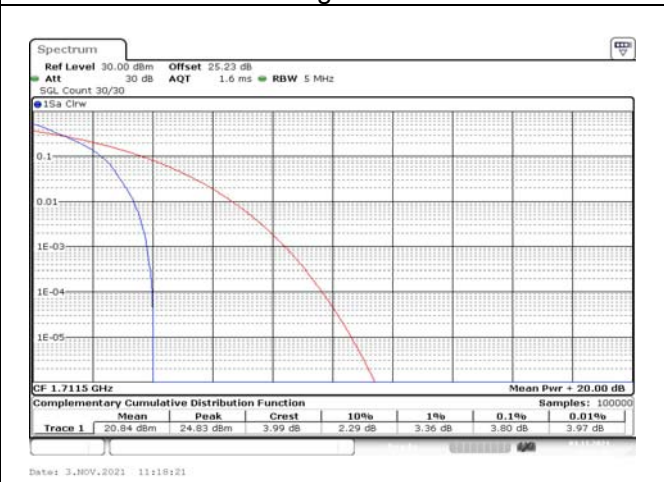


Fig.16

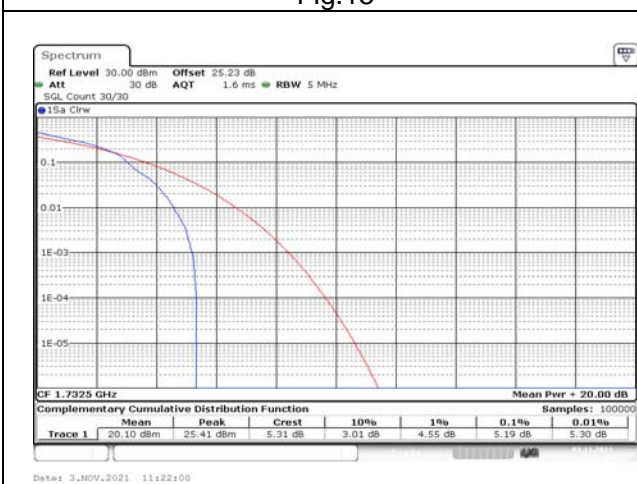


Fig.17

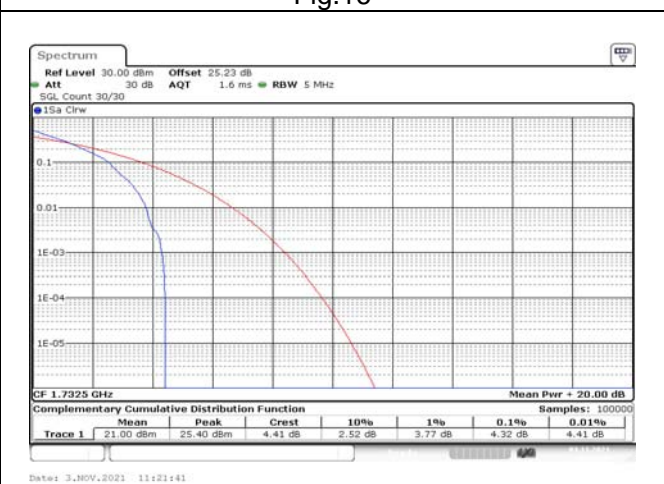


Fig.18

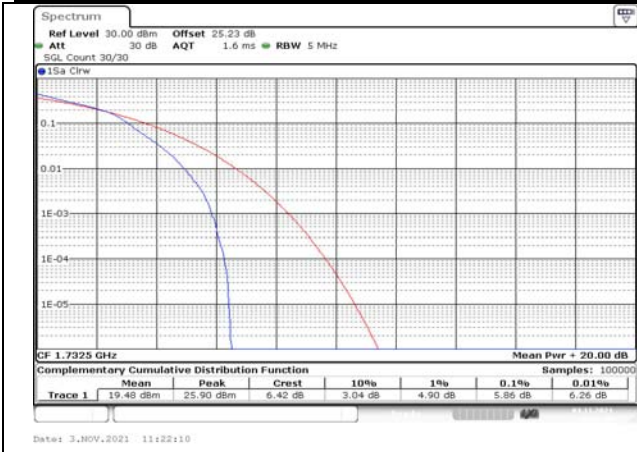


Fig.19

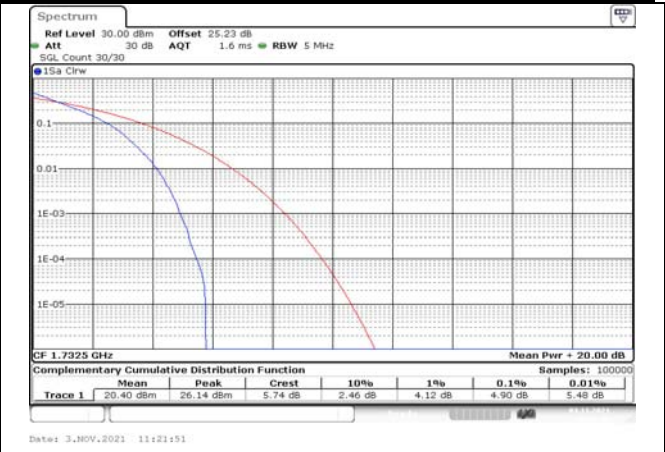


Fig.20

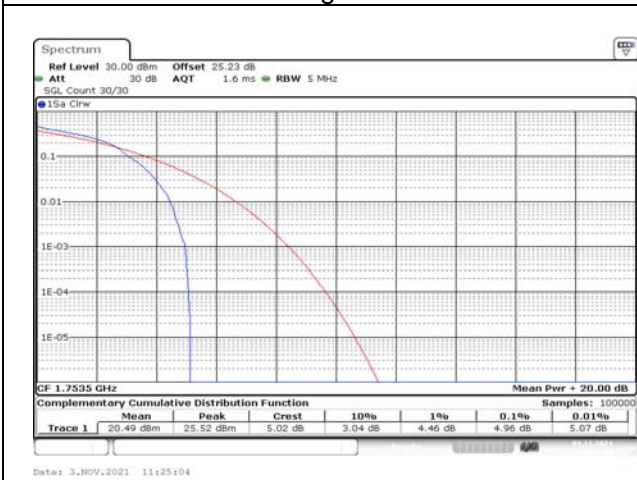


Fig.21

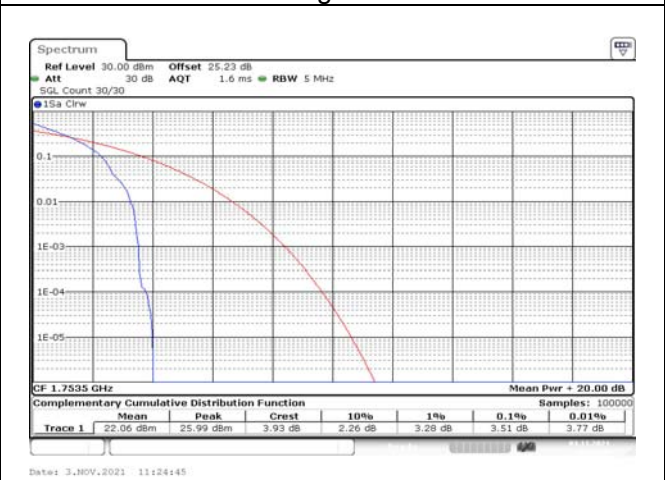


Fig.22

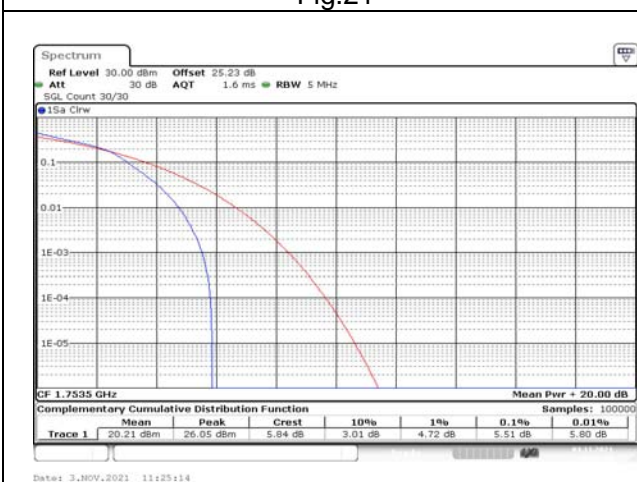


Fig.23

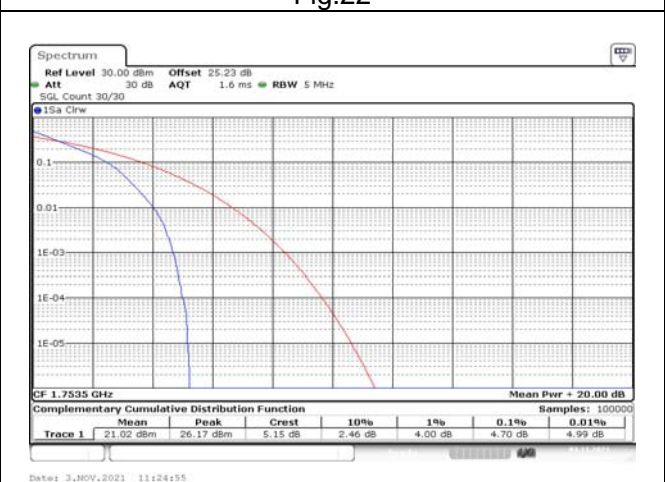


Fig.24



Fig.25

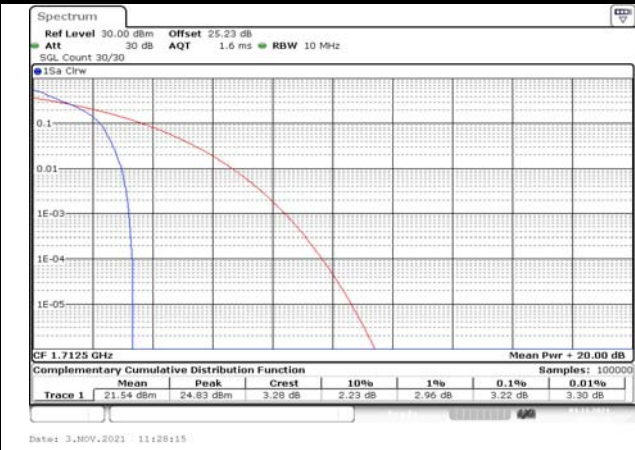


Fig.26

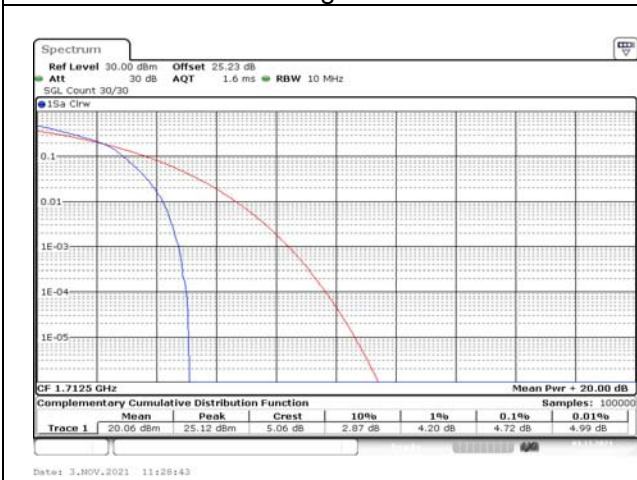


Fig.27

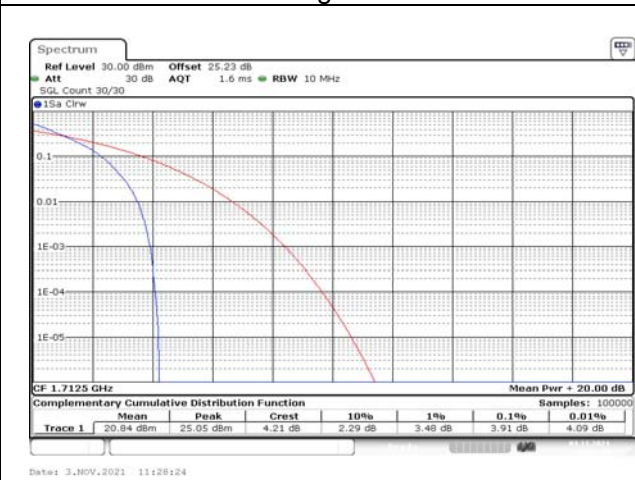


Fig.28

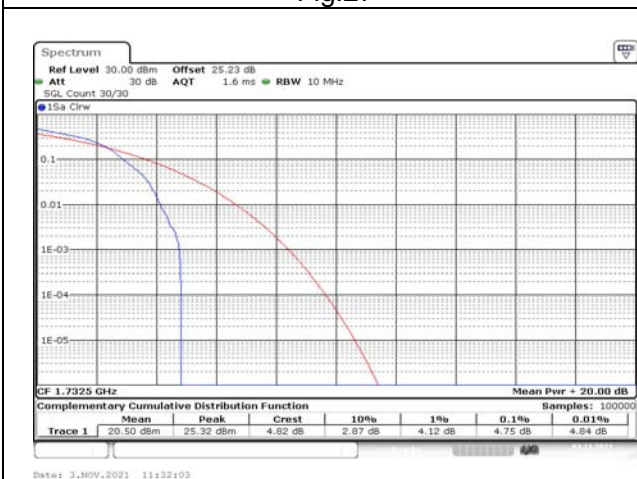


Fig.29

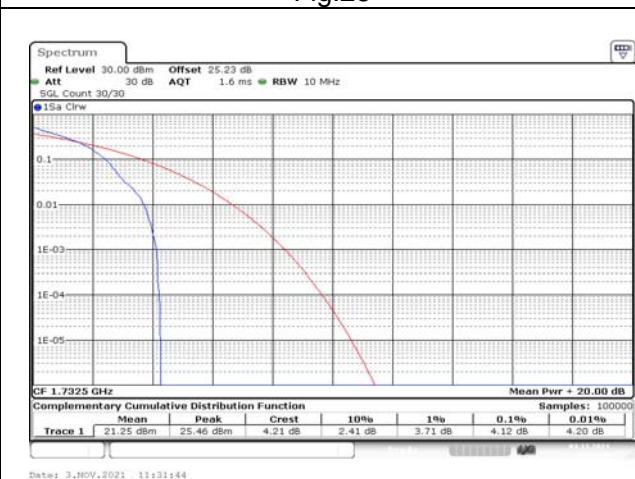


Fig.30



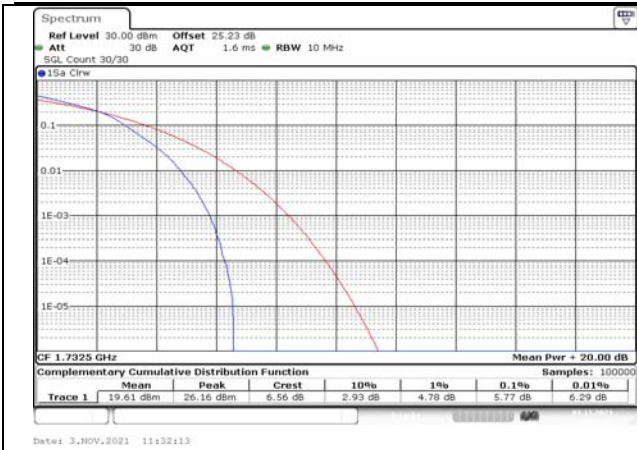


Fig.31

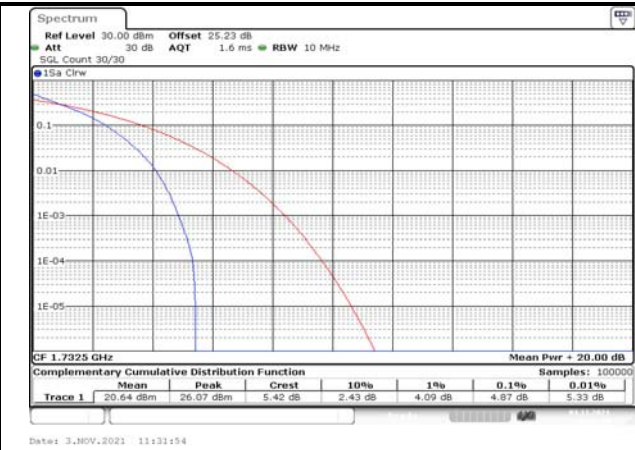


Fig.32

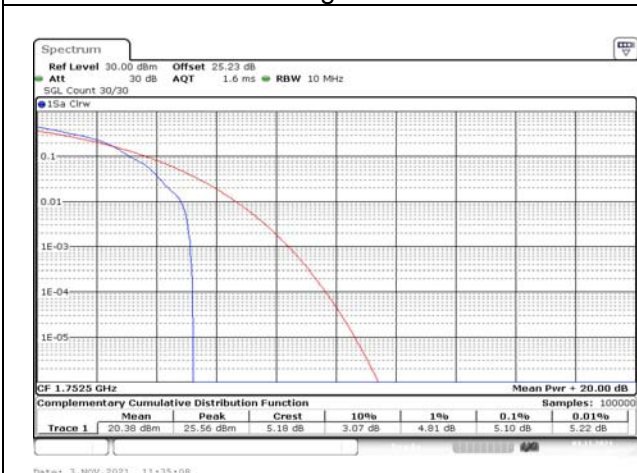


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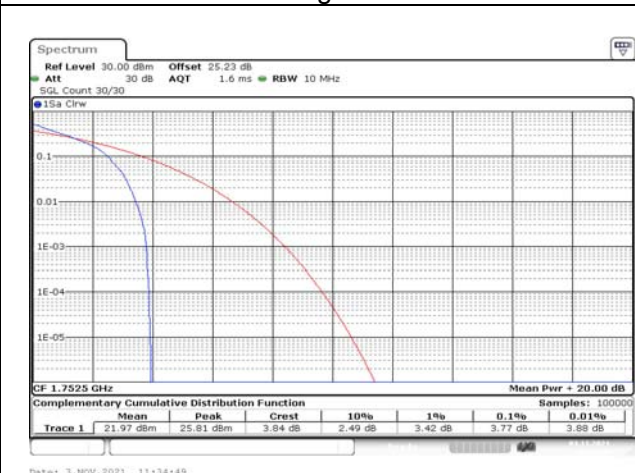


Fig.34

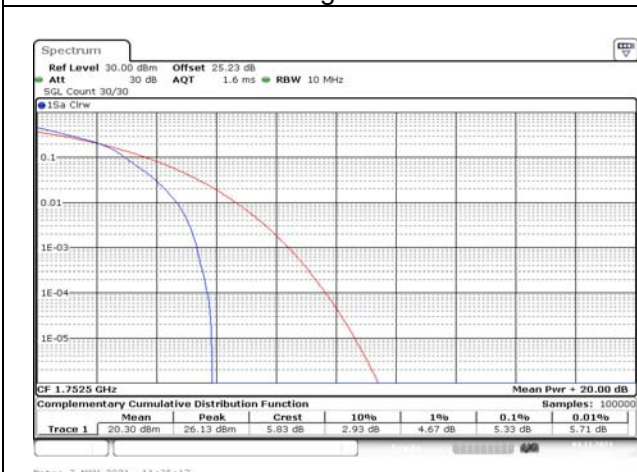


Fig.35

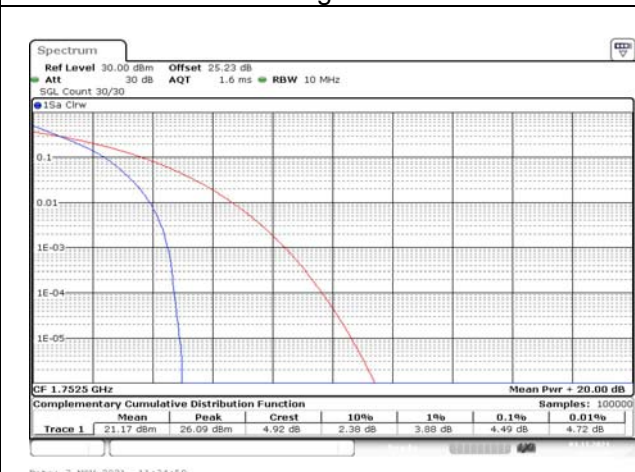


Fig.36

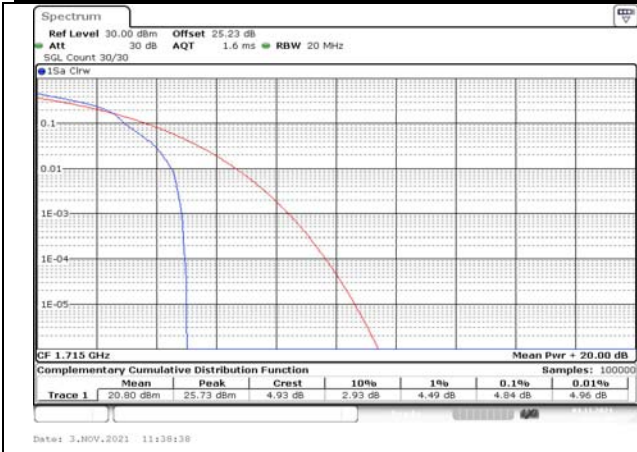


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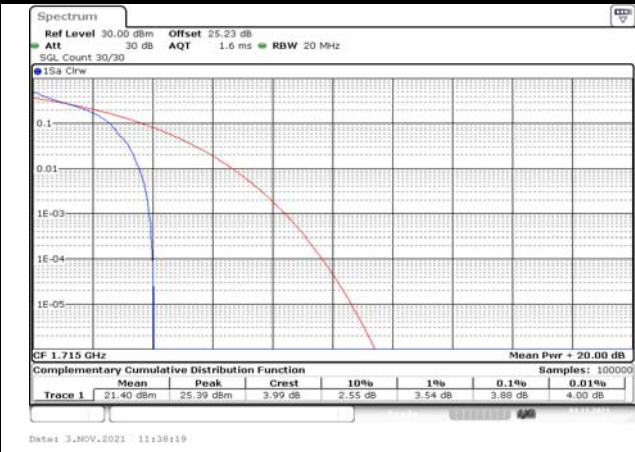


Fig.38

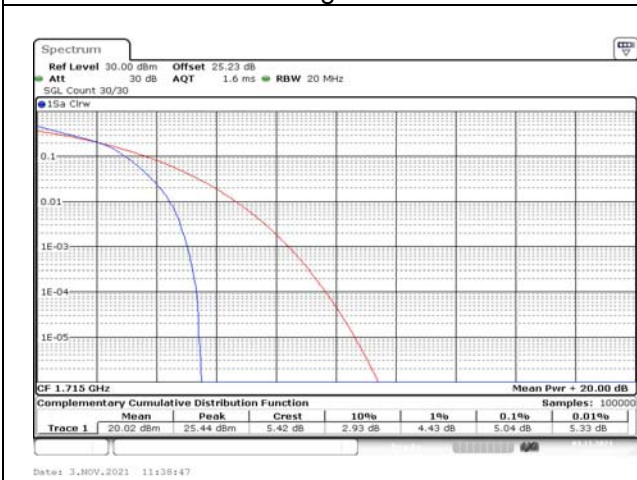


Fig.39

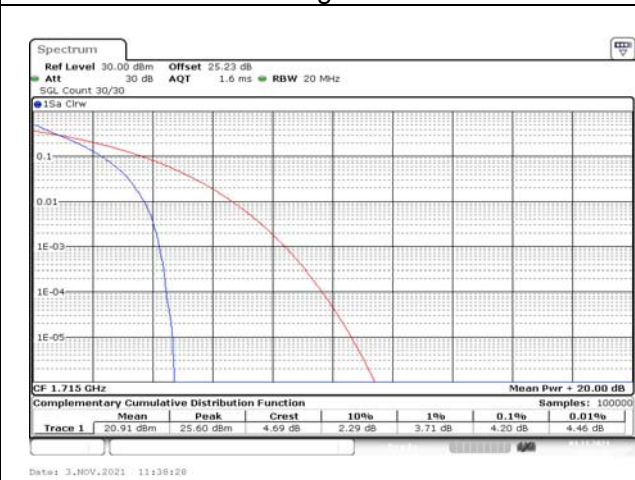


Fig.40

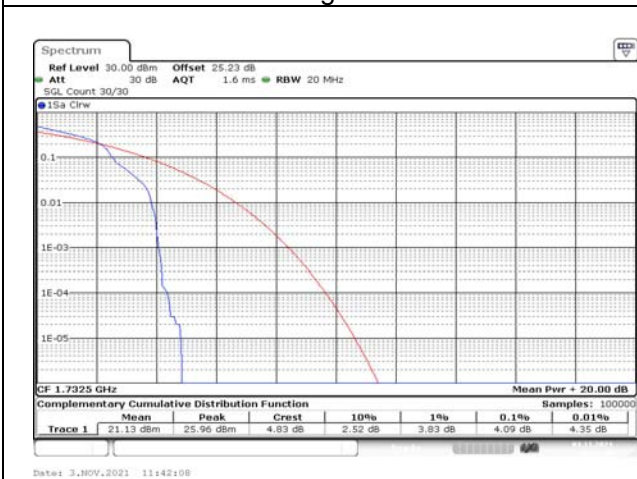


Fig.41

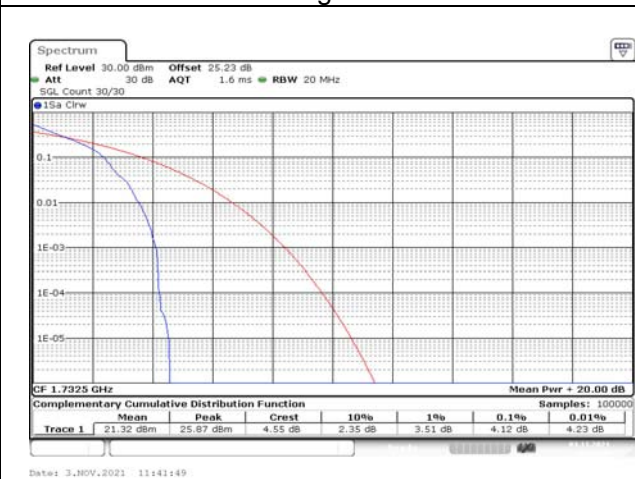


Fig.42

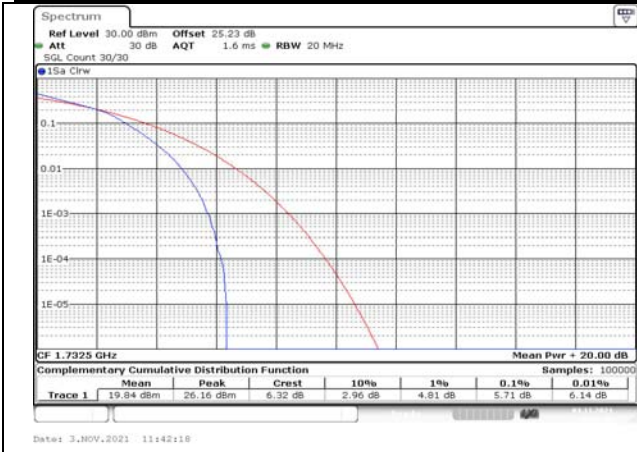


Fig.43

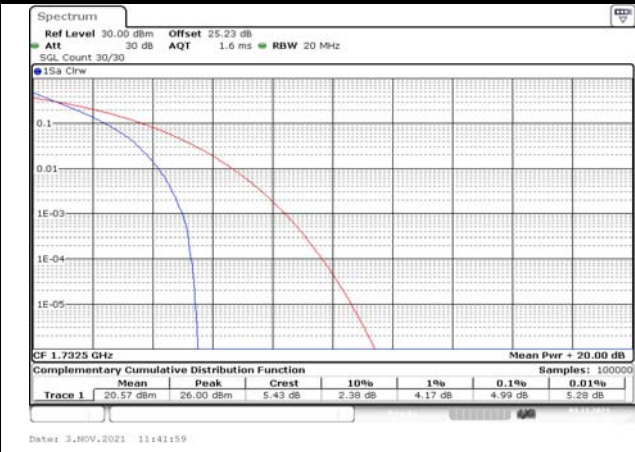


Fig.44



Fig.45

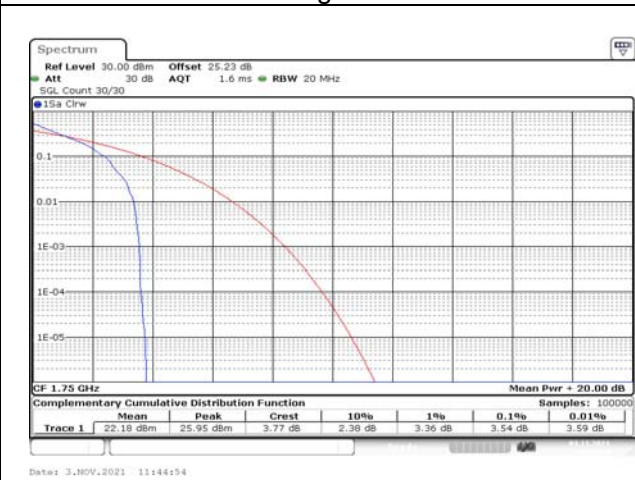


Fig.46

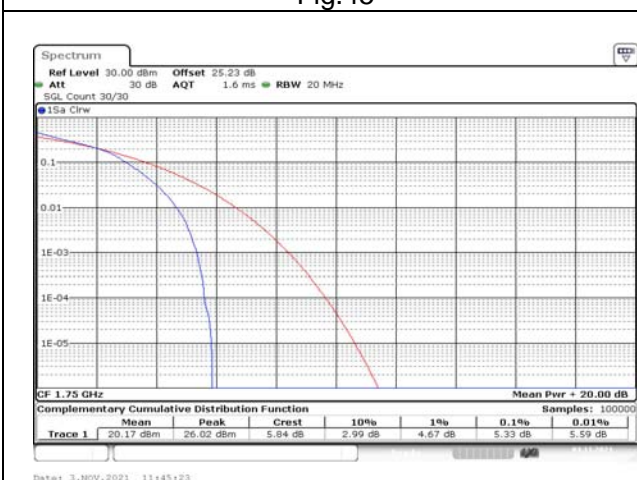


Fig.47

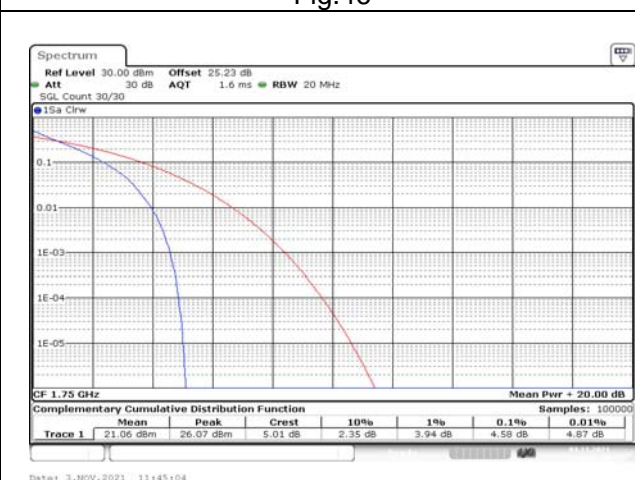


Fig.48



Fig.49

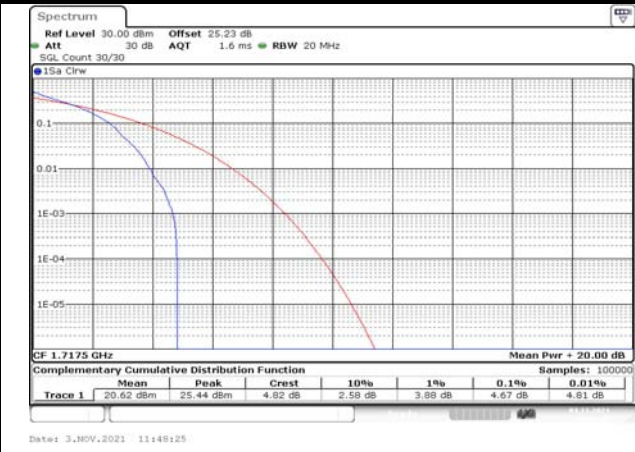


Fig.50



Fig.51

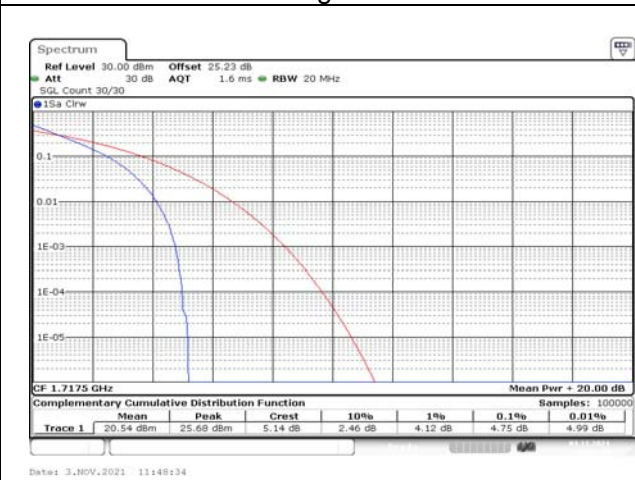


Fig.52

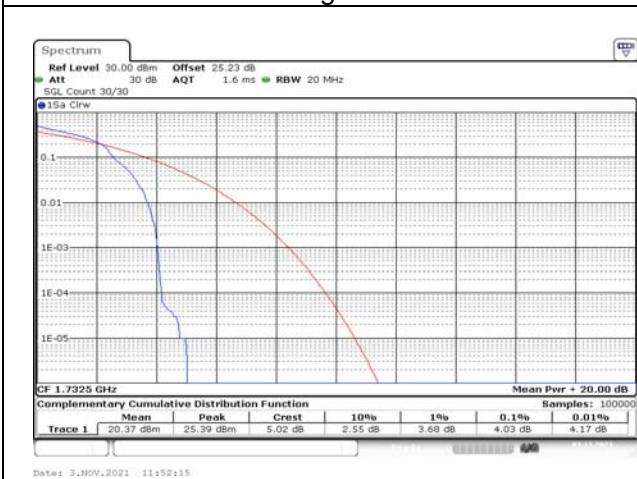


Fig.53

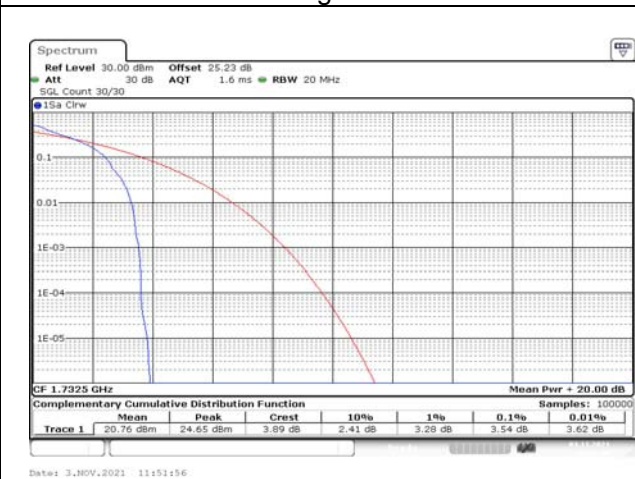


Fig.54



Fig.55

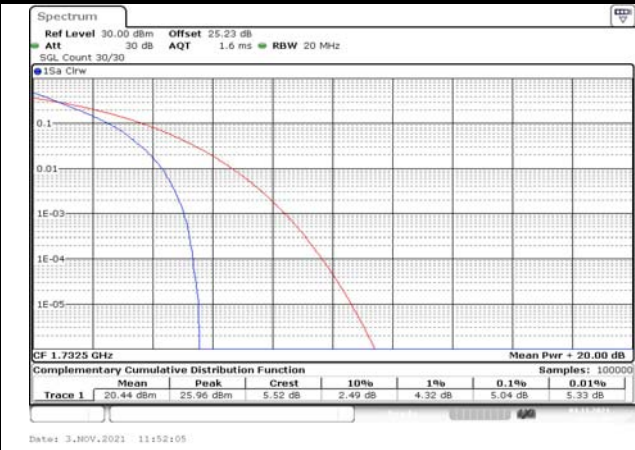


Fig.56

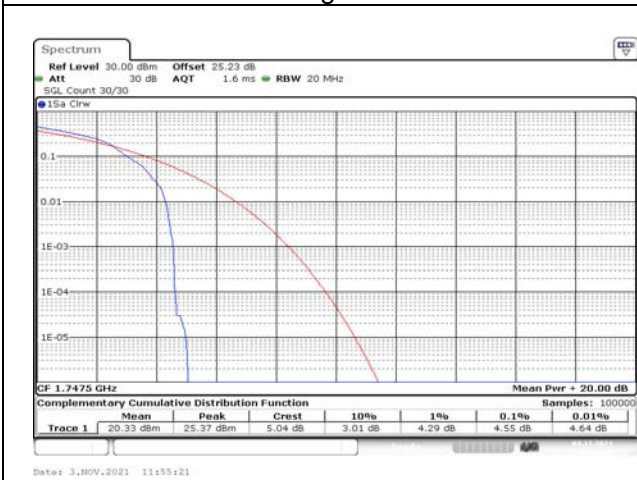


Fig.57

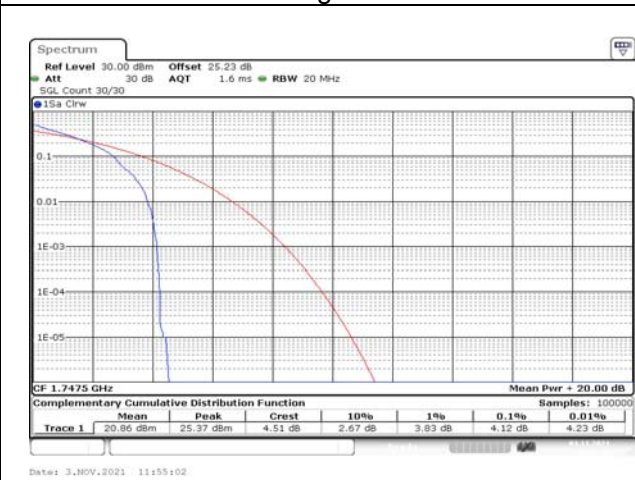


Fig.58

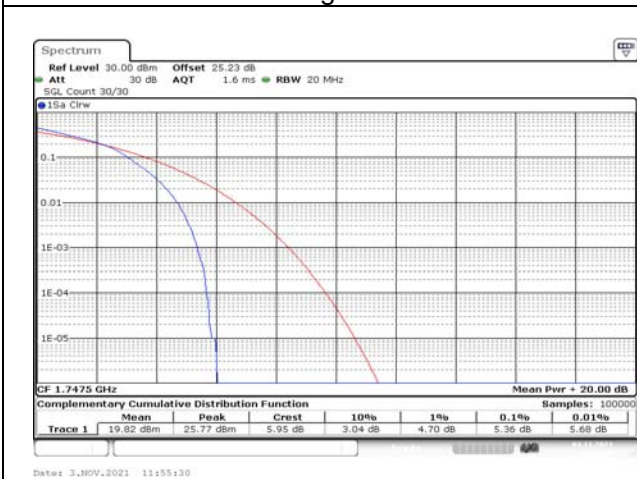


Fig.59

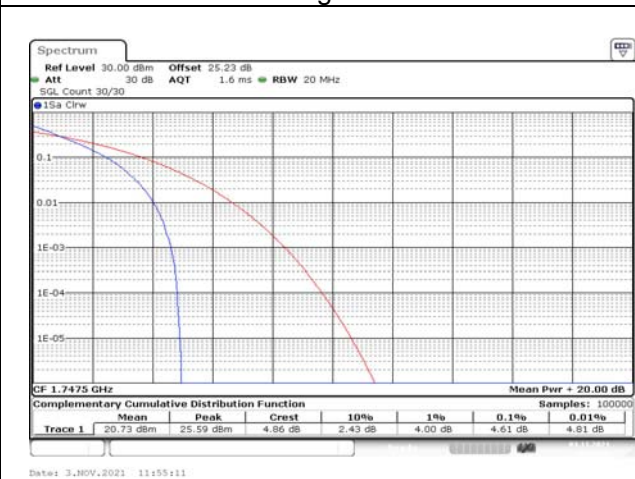


Fig.60



Fig.61

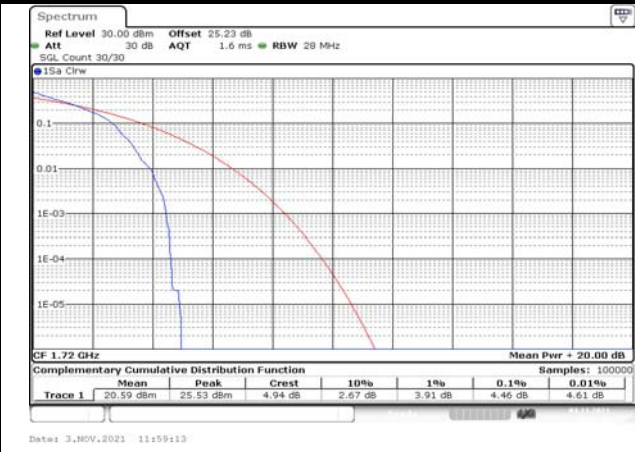


Fig.62

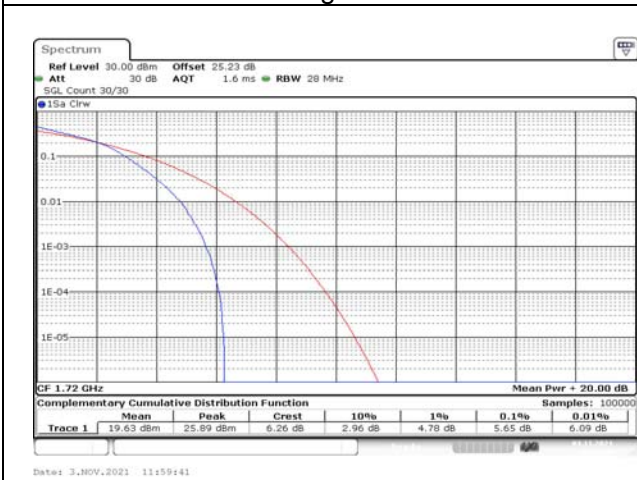


Fig.63

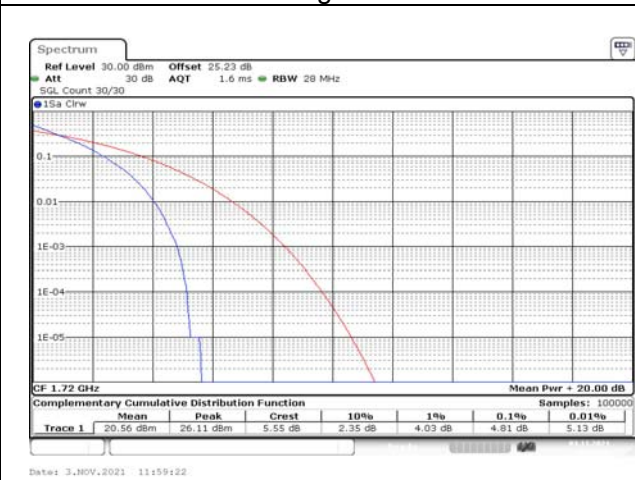


Fig.64

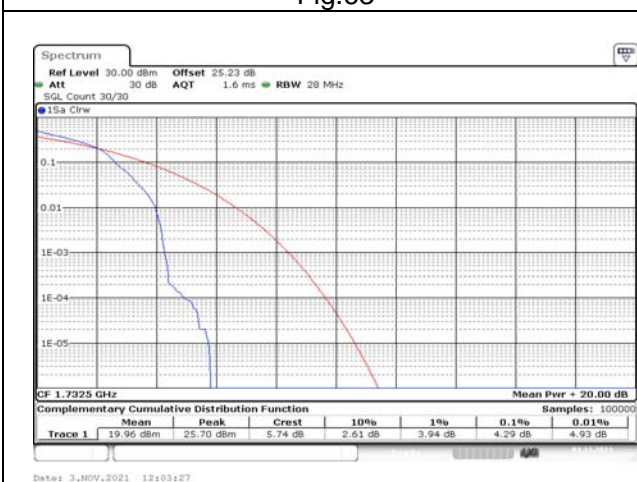


Fig.65

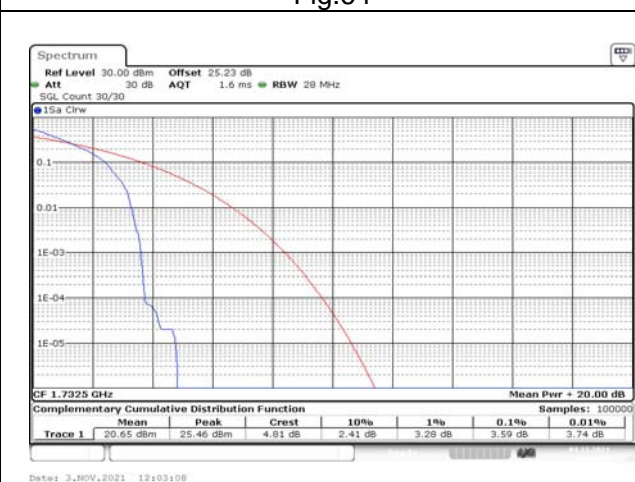


Fig.66

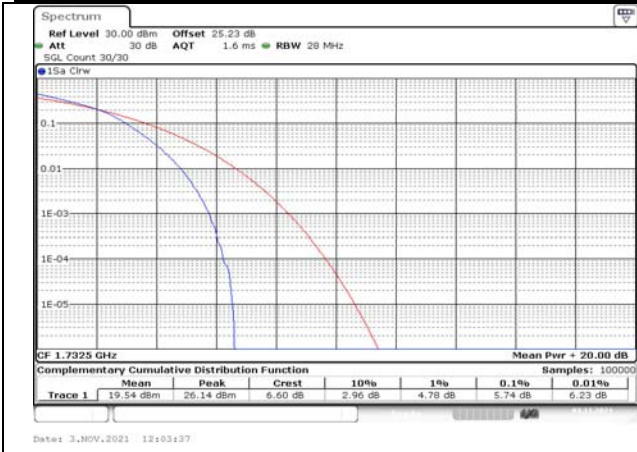


Fig.67

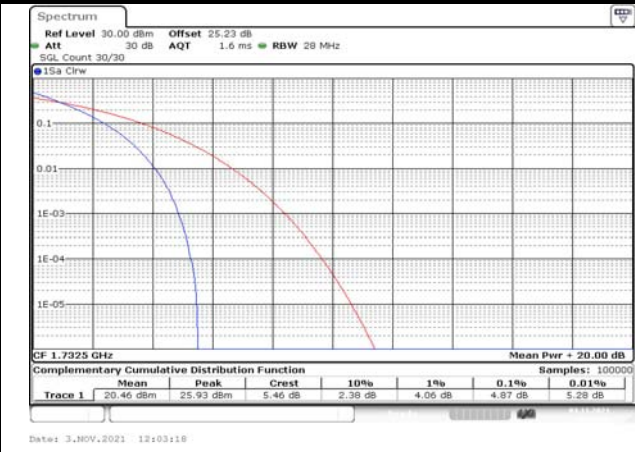


Fig.68

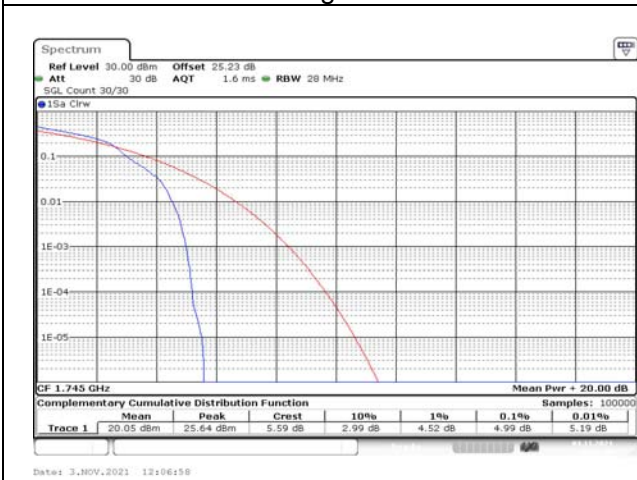


Fig.69

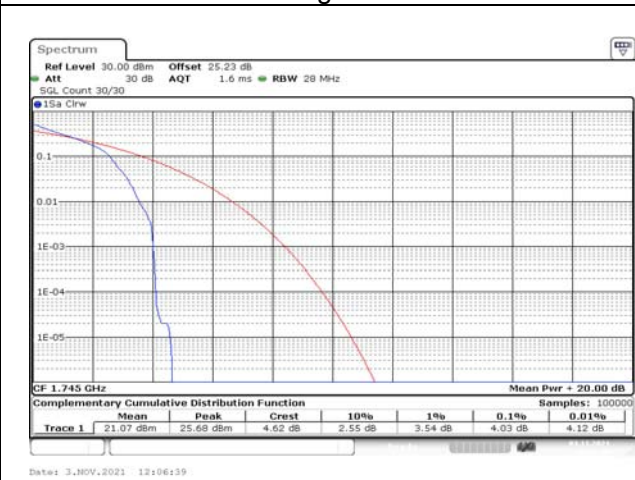


Fig.70

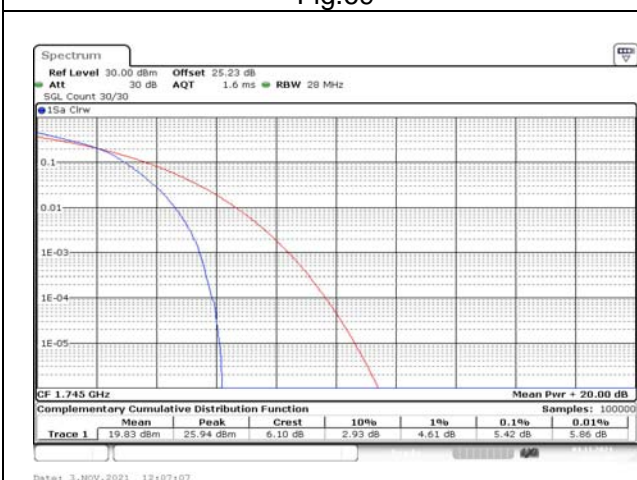


Fig.71

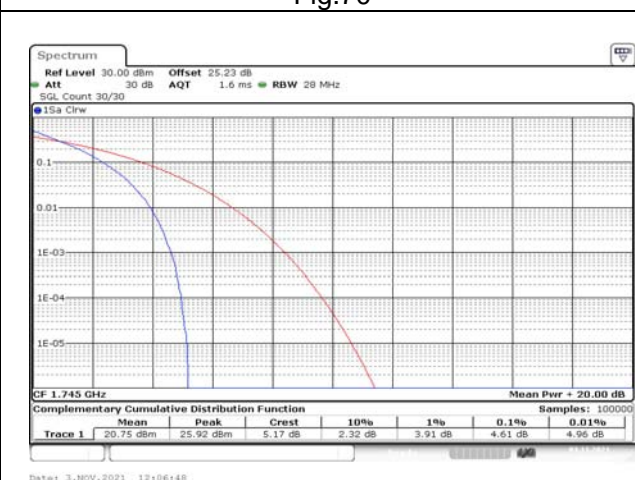


Fig.72

### 5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
4	1720	20050	20	1	0	Fig.1
	1732.5	20175		1	0	Fig.2
	1745	20300		1	0	Fig.3

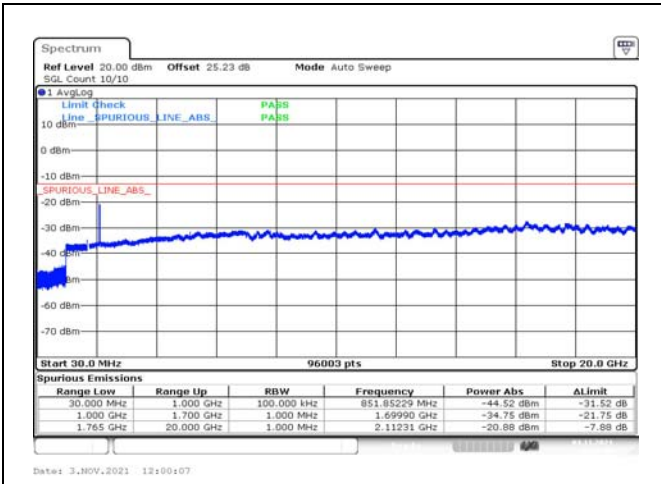


Fig.1

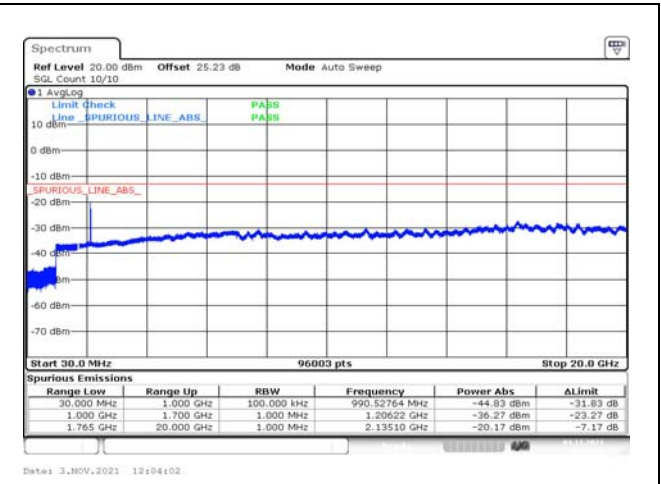


Fig.2

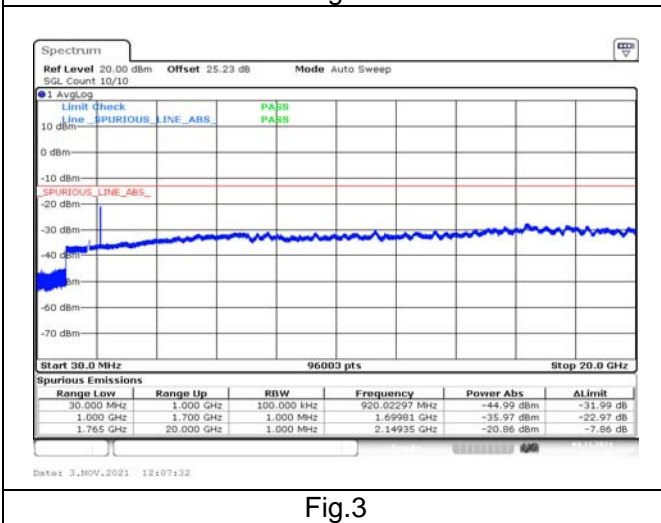


Fig.3



**6 Band Edges Compliance**

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
4	1710.7	19957	1.4	1	0	Fig.1
				6	0	Fig.2
	1754.3	20393		1	5	Fig.3
				6	0	Fig.4
	1711.5	19965	3	1	0	Fig.5
				15	0	Fig.6
				1	14	Fig.7
				15	0	Fig.8
	1712.5	19975	5	1	0	Fig.9
				25	0	Fig.10
				1	24	Fig.11
				25	0	Fig.12
	1715	20000	10	1	0	Fig.13
				50	0	Fig.14
				1	49	Fig.15
				50	0	Fig.16
	1717.5	20025	15	1	0	Fig.17
				75	0	Fig.18
				1	74	Fig.19
				75	0	Fig.20
	1720	20050	20	1	0	Fig.21
				100	0	Fig.22
				1	99	Fig.23
				100	0	Fig.24
1745	20300					

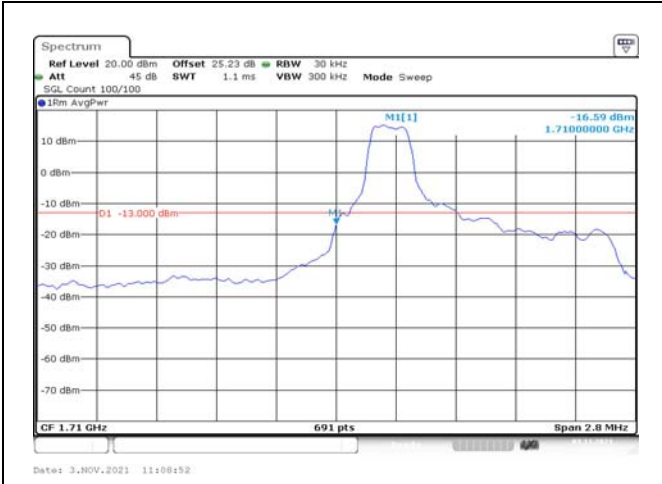


Fig.1

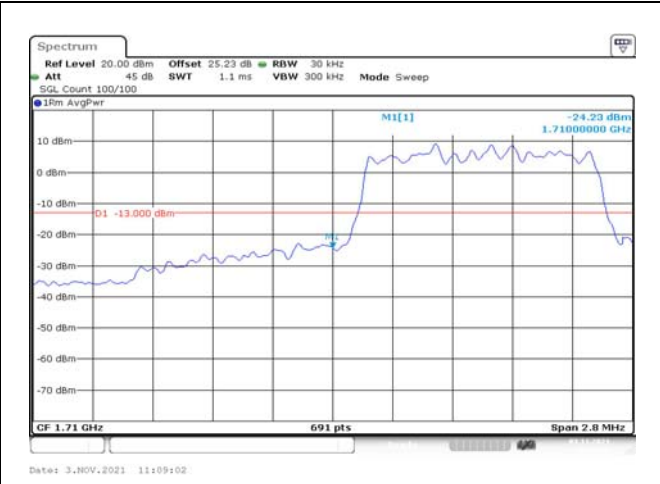


Fig.2

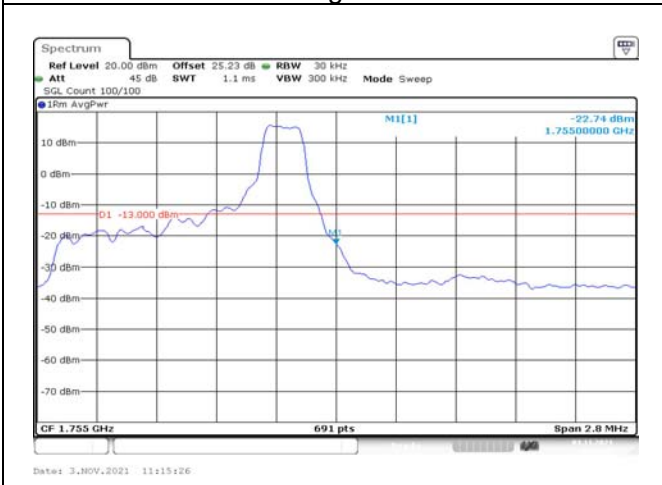


Fig.3

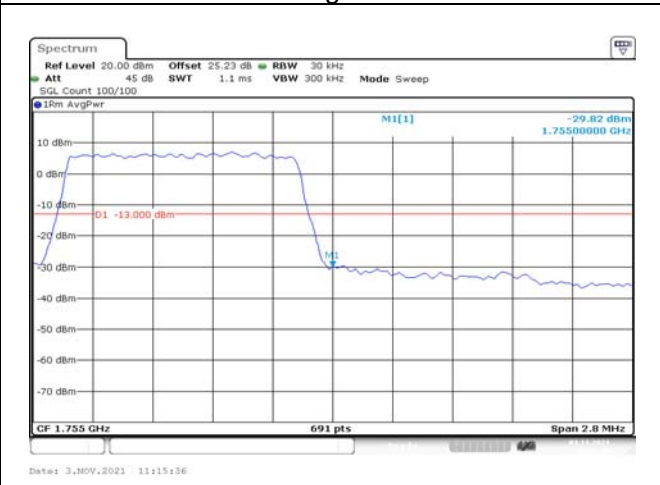


Fig.4

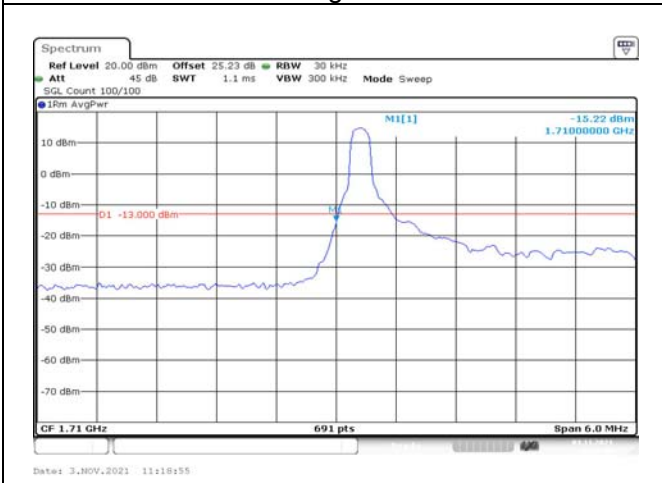


Fig.5

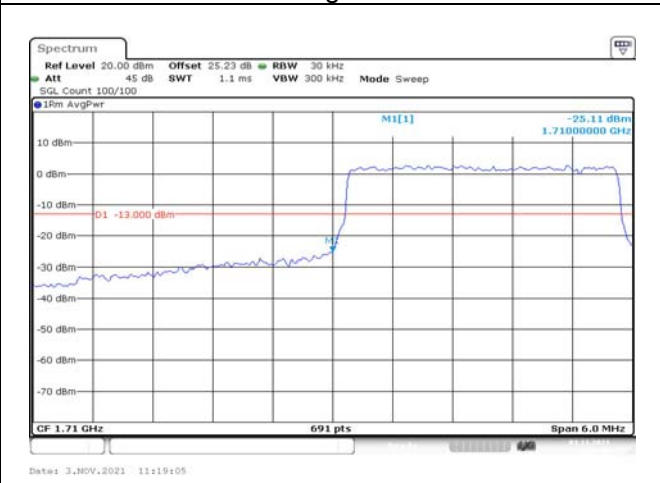


Fig.6



Fig.7



Fig.8

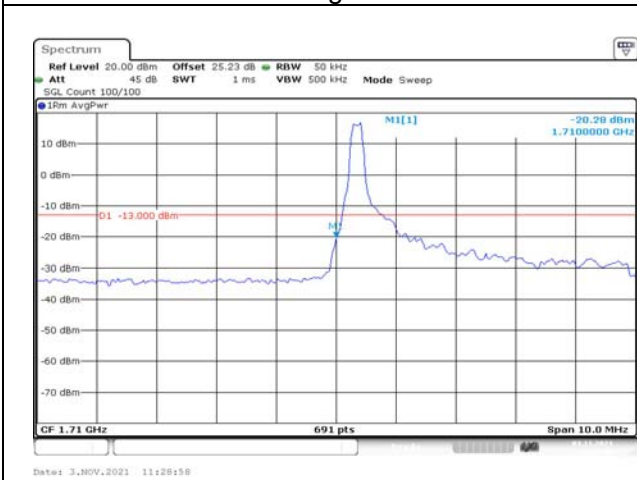


Fig.9

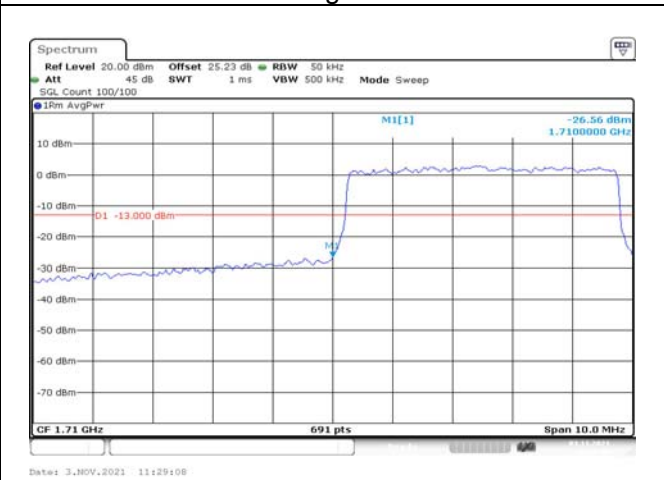


Fig.10

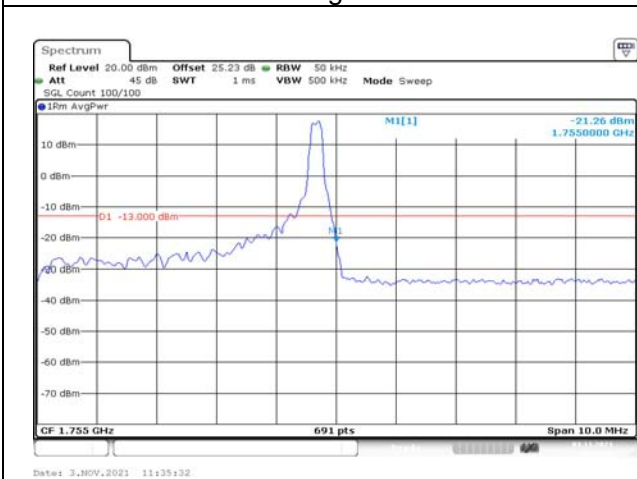


Fig.11

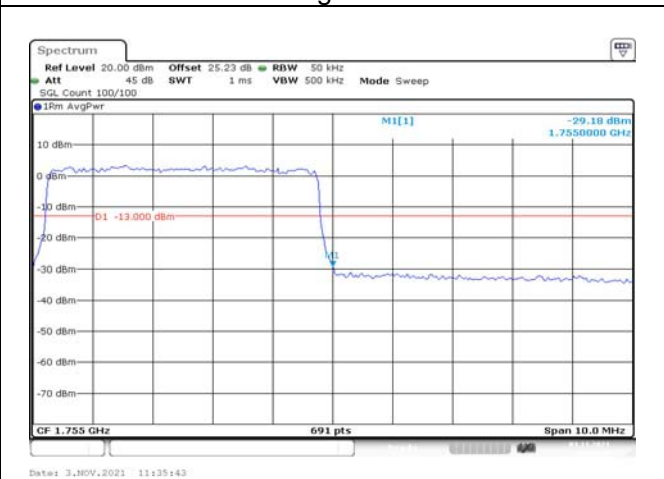


Fig.12

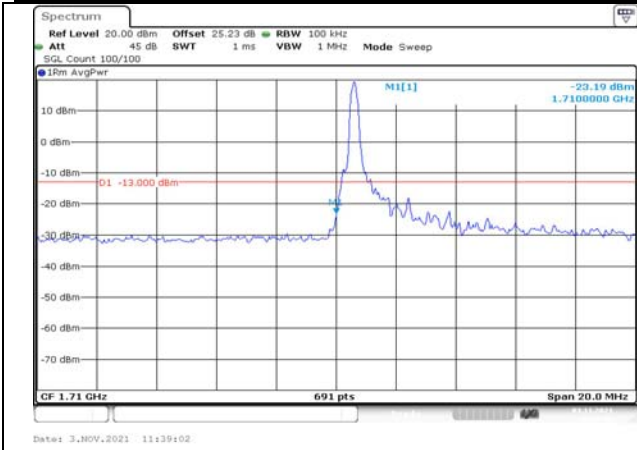


Fig.13

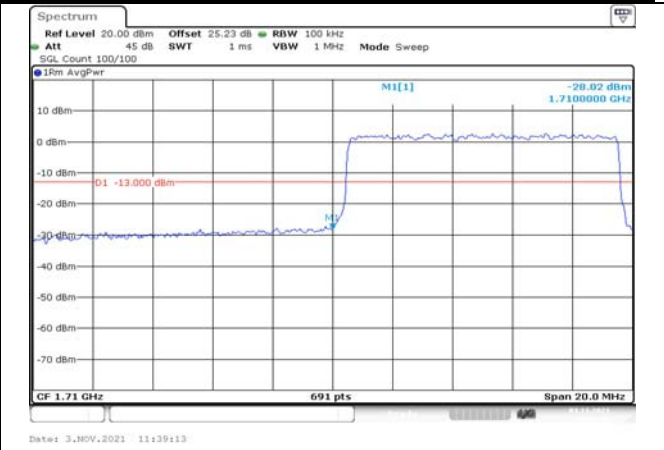


Fig.14

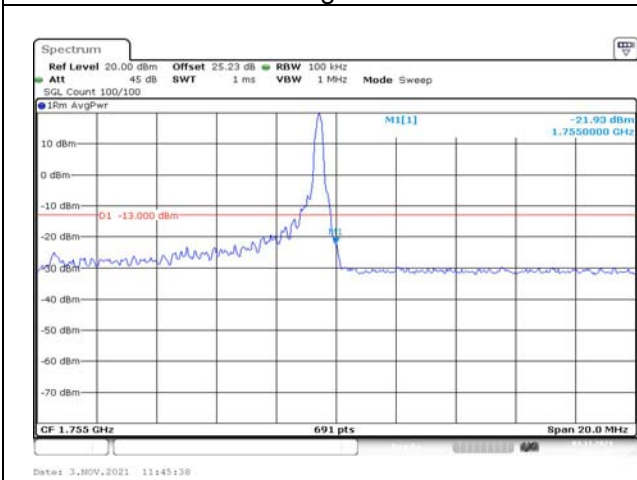


Fig.15

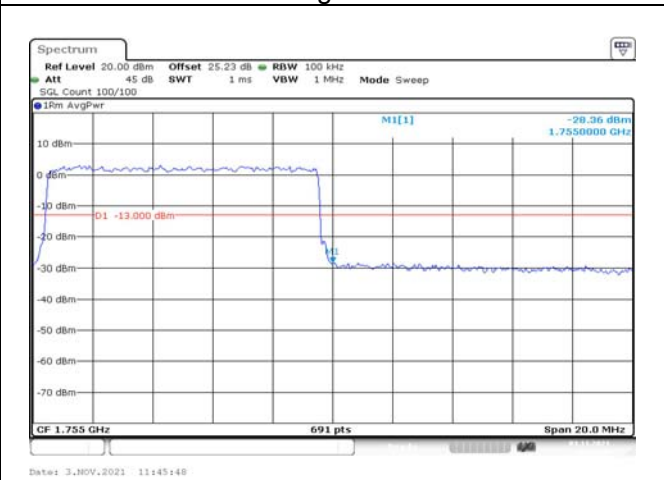


Fig.16

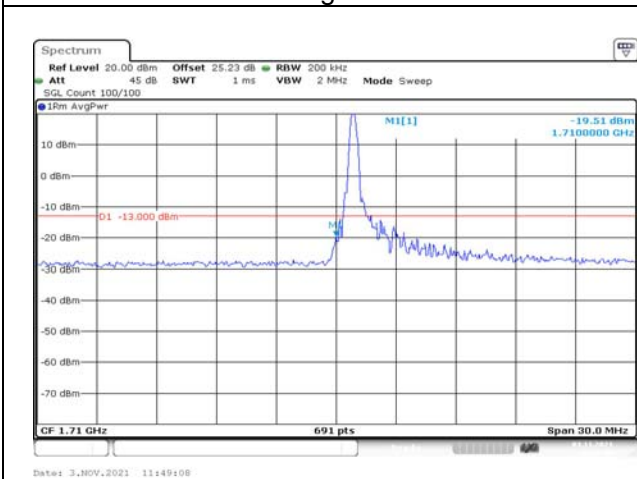


Fig.17

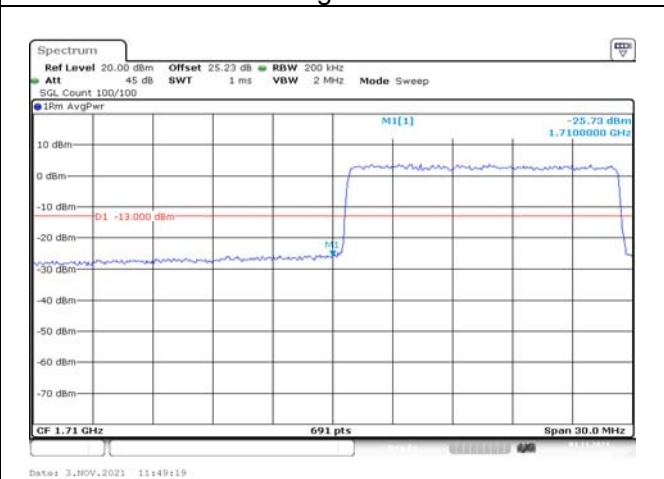


Fig.18

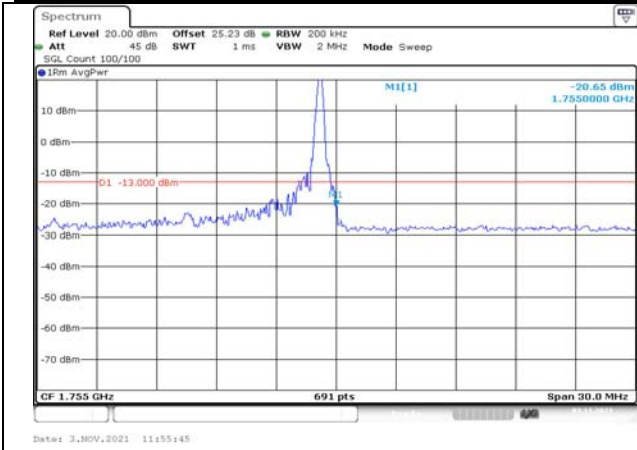


Fig.19



Fig.20

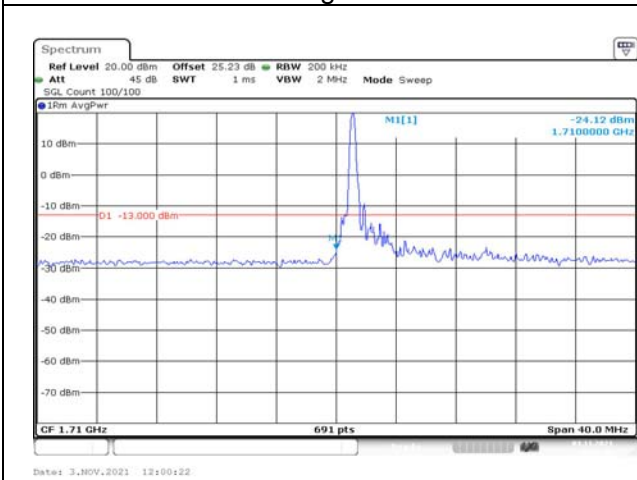


Fig.21

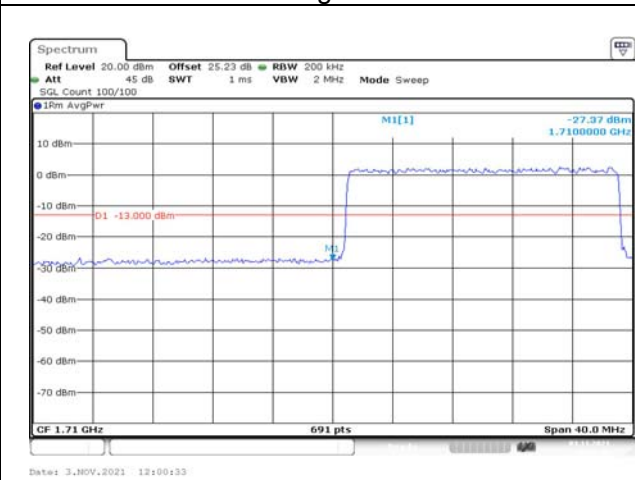


Fig.22

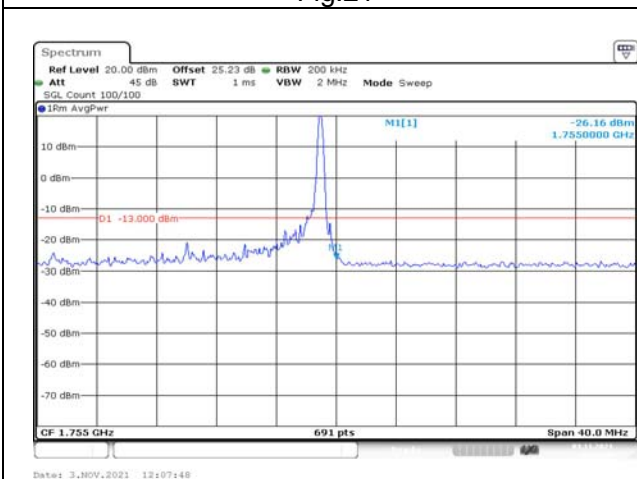


Fig.23

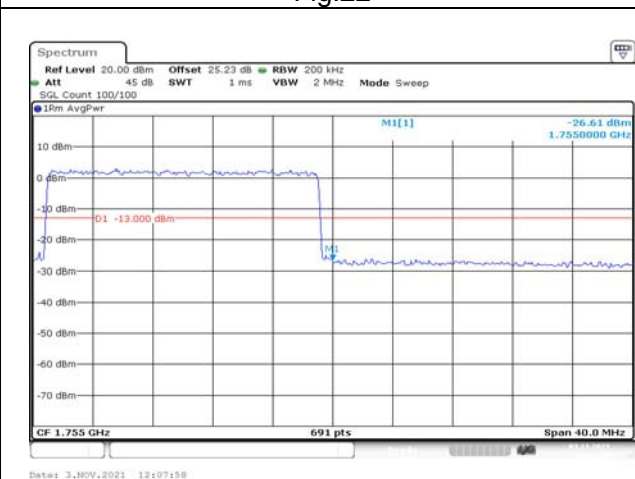


Fig.24

## 7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 4 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	0.011	0.005	0.000	0.011	-0.011	0.004
-20	NV	0.013	0.005	-0.001	-0.006	0.001	0.571
-10	NV	0.016	0.001	-0.008	0.007	0.005	0.571
0	NV	-0.001	0.004	-0.019	0.002	-0.007	0.571
+10	NV	0.008	-0.007	-0.006	0.003	-0.018	0.004
+30	NV	-0.005	-0.017	-0.016	-0.005	-0.010	-0.002
+40	NV	0.003	-0.014	-0.015	-0.008	-0.010	0.001
+50	NV	0.004	-0.001	-0.013	-0.002	-0.006	0.571
+20	LV	0.014	-0.003	-0.012	-0.004	-0.014	0.571
+20	HV	0.015	-0.003	-0.010	-0.009	-0.009	0.571

Temperature(°C)	Voltage	Test Result (ppm) Band 4 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-30	NV	0.010	-0.008	-0.005	-0.003	0.009	0.008
-20	NV	0.553	0.010	-0.009	-0.006	-0.005	0.003
-10	NV	-0.007	0.000	0.011	0.009	-0.007	0.002
0	NV	0.553	0.002	-0.006	0.010	0.003	-0.001
+10	NV	0.553	0.014	0.005	-0.008	0.003	-0.011
+30	NV	-0.008	-0.004	0.002	-0.005	0.001	0.003
+40	NV	-0.014	-0.011	0.007	0.005	0.004	0.000
+50	NV	-0.010	0.007	-0.007	0.004	-0.003	-0.006
+20	LV	0.005	0.011	0.001	0.004	-0.003	0.003
+20	HV	0.002	0.007	-0.008	-0.004	-0.009	-0.004

**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)		
16QAM	1710.7	19957	1.4	1	0	21.86	21.21	0.132		
				1	3	21.85	21.20	0.132		
				1	5	21.91	21.26	0.134		
				3	0	21.86	21.21	0.132		
				3	1	21.94	21.29	0.135		
				3	3	21.91	21.26	0.134		
	6	0		21.10	20.45	0.111				
	1732.5	20175		1	0	22.11	21.46	0.140		
				1	3	22.12	21.47	0.140		
				1	5	22.19	21.54	0.143		
				3	0	21.62	20.97	0.125		
				3	1	21.62	20.97	0.125		
				3	3	21.64	20.99	0.126		
				6	0	20.90	20.25	0.106		
				1754.3	20393	1	0	21.64	20.99	0.126
						1	3	21.61	20.96	0.125
						1	5	21.81	21.16	0.131
						3	0	21.60	20.95	0.124
						3	1	21.60	20.95	0.124
	3	3				21.62	20.97	0.125		
	6	0		20.83	20.18	0.104				

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1710.7	19957	1.4	1	0	22.81	22.16	0.164
				1	3	22.68	22.03	0.160
				1	5	22.84	22.19	0.166
				3	0	22.71	22.06	0.161
				3	1	22.73	22.08	0.161
				3	3	22.69	22.04	0.160
	6	0		21.66	21.01	0.126		
	1732.5	20175		1	0	22.40	21.75	0.150
				1	3	22.36	21.71	0.148
				1	5	22.39	21.74	0.149
				3	0	22.41	21.76	0.150
				3	1	22.51	21.86	0.153
				3	3	22.45	21.80	0.151
	6	0		21.39	20.74	0.119		
	1754.3	20393		1	0	23.10	22.45	0.176
				1	3	23.15	22.50	0.178
				1	5	23.13	22.48	0.177
				3	0	22.85	22.20	0.166
				3	1	22.74	22.09	0.162
				3	3	22.87	22.22	0.167
	6	0		21.72	21.07	0.128		



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1711.5	19965	3	1	0	21.92	21.27	0.134
				1	8	21.95	21.30	0.135
				1	14	21.89	21.24	0.133
				8	0	20.86	20.21	0.105
				8	4	20.82	20.17	0.104
				8	7	20.80	20.15	0.104
				15	0	20.78	20.13	0.103
	1732.5	20175		1	0	22.28	21.63	0.146
				1	8	22.11	21.46	0.140
				1	14	22.21	21.56	0.143
				8	0	20.62	19.97	0.099
				8	4	20.64	19.99	0.100
				8	7	20.68	20.03	0.101
				15	0	20.88	20.23	0.105
	1753.5	20385		1	0	21.77	21.12	0.129
				1	8	21.95	21.30	0.135
				1	14	21.82	21.17	0.131
				8	0	20.74	20.09	0.102
				8	4	20.76	20.11	0.103
				8	7	20.82	20.17	0.104
				15	0	20.87	20.22	0.105

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	19965	3	1	0	22.61	21.96	0.157
				1	8	22.60	21.95	0.157
				1	14	22.63	21.98	0.158
				8	0	21.65	21.00	0.126
				8	4	21.72	21.07	0.128
				8	7	21.69	21.04	0.127
				15	0	21.70	21.05	0.127
	1732.5	20175		1	0	22.57	21.92	0.156
				1	8	22.58	21.93	0.156
				1	14	22.70	22.05	0.160
				8	0	21.48	20.83	0.121
				8	4	21.58	20.93	0.124
				8	7	21.54	20.89	0.123
				15	0	21.48	20.83	0.121
	1753.5	20385		1	0	23.15	22.50	0.178
				1	8	23.17	22.52	0.179
				1	14	23.23	22.58	0.181
				8	0	21.71	21.06	0.128
				8	4	21.73	21.08	0.128
				8	7	21.80	21.15	0.130
				15	0	21.83	21.18	0.131

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1712.5	19975	5	1	0	21.35	20.70	0.117
				1	12	21.28	20.63	0.116
				1	24	21.30	20.65	0.116
				12	0	20.76	20.11	0.103
				12	7	20.77	20.12	0.103
				12	13	20.72	20.07	0.102
				25	0	20.86	20.21	0.105
	1732.5	20175		1	0	21.68	21.03	0.127
				1	12	21.65	21.00	0.126
				1	24	21.71	21.06	0.128
				12	0	20.53	19.88	0.097
				12	7	20.51	19.86	0.097
				12	13	20.46	19.81	0.096
				25	0	20.62	19.97	0.099
	1752.5	20375		1	0	22.06	21.41	0.138
				1	12	22.05	21.40	0.138
				1	24	22.14	21.49	0.141
				12	0	20.83	20.18	0.104
				12	7	20.78	20.13	0.103
				12	13	20.84	20.19	0.104
				25	0	20.96	20.31	0.107

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	19975	5	1	0	22.75	22.10	0.162
				1	12	22.70	22.05	0.160
				1	24	22.70	22.05	0.160
				12	0	21.70	21.05	0.127
				12	7	21.76	21.11	0.129
				12	13	21.72	21.07	0.128
				25	0	21.74	21.09	0.129
	1732.5	20175		1	0	22.38	21.73	0.149
				1	12	22.23	21.58	0.144
				1	24	22.41	21.76	0.150
				12	0	21.51	20.86	0.122
				12	7	21.63	20.98	0.125
				12	13	21.53	20.88	0.122
				25	0	21.59	20.94	0.124
	1752.5	20375		1	0	22.89	22.24	0.167
				1	12	22.89	22.24	0.167
				1	24	22.94	22.29	0.169
				12	0	21.84	21.19	0.132
				12	7	21.78	21.13	0.130
				12	13	21.79	21.14	0.130
				25	0	21.87	21.22	0.132

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1715	20000	10	1	0	22.52	21.87	0.154
				1	25	22.57	21.92	0.156
				1	49	22.62	21.97	0.157
				25	0	20.86	20.21	0.105
				25	12	20.87	20.22	0.105
				25	25	20.88	20.23	0.105
	1732.5	20175		50	0	20.88	20.23	0.105
				1	0	22.17	21.52	0.142
				1	25	22.12	21.47	0.140
				1	49	22.13	21.48	0.141
				25	0	20.79	20.14	0.103
				25	12	20.77	20.12	0.103
	1750	20350		25	25	20.83	20.18	0.104
				50	0	20.76	20.11	0.103
				1	0	22.16	21.51	0.142
				1	25	22.18	21.53	0.142
				1	49	22.24	21.59	0.144
				25	0	21.00	20.35	0.108
				25	12	20.99	20.34	0.108
				25	25	21.03	20.38	0.109
				50	0	20.92	20.27	0.106

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	20000	10	1	0	22.83	22.18	0.165
				1	25	22.75	22.10	0.162
				1	49	22.72	22.07	0.161
				25	0	21.71	21.06	0.128
				25	12	21.73	21.08	0.128
				25	25	21.64	20.99	0.126
				50	0	21.74	21.09	0.129
	1732.5	20175		1	0	22.86	22.21	0.166
				1	25	22.77	22.12	0.163
				1	49	22.86	22.21	0.166
				25	0	21.67	21.02	0.126
				25	12	21.63	20.98	0.125
				25	25	21.75	21.10	0.129
				50	0	21.66	21.01	0.126
	1750	20350		1	0	22.66	22.01	0.159
				1	25	22.66	22.01	0.159
				1	49	22.84	22.19	0.166
				25	0	21.82	21.17	0.131
				25	12	21.83	21.18	0.131
				25	25	21.80	21.15	0.130
				50	0	21.87	21.22	0.132

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1717.5	20025	15	1	0	22.63	21.98	0.158
				1	37	22.63	21.98	0.158
				1	74	22.57	21.92	0.156
				36	0	20.82	20.17	0.104
				36	29	20.80	20.15	0.104
				36	30	20.80	20.15	0.104
				75	0	20.90	20.25	0.106
	1732.5	20175		1	0	22.22	21.57	0.144
				1	37	22.13	21.48	0.141
				1	74	22.16	21.51	0.142
				36	0	20.88	20.23	0.105
				36	29	20.89	20.24	0.106
				36	30	20.86	20.21	0.105
				75	0	20.84	20.19	0.104
	1747.5	20325		1	0	22.06	21.41	0.138
				1	37	22.21	21.56	0.143
				1	74	22.33	21.68	0.147
				36	0	20.86	20.21	0.105
				36	29	20.94	20.29	0.107
				36	30	20.92	20.27	0.106
				75	0	20.88	20.23	0.105

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	20025	15	1	0	22.84	22.19	0.166
				1	37	22.76	22.11	0.163
				1	74	22.67	22.02	0.159
				36	0	21.76	21.11	0.129
				36	29	21.67	21.02	0.126
				36	30	21.67	21.02	0.126
				75	0	21.65	21.00	0.126
	1732.5	20175		1	0	22.94	22.29	0.169
				1	37	22.79	22.14	0.164
				1	74	22.90	22.25	0.168
				36	0	21.69	21.04	0.127
				36	29	21.66	21.01	0.126
				36	30	21.66	21.01	0.126
				75	0	21.66	21.01	0.126
	1747.5	20325		1	0	22.68	22.03	0.160
				1	37	22.68	22.03	0.160
				1	74	22.72	22.07	0.161
				36	0	21.85	21.20	0.132
				36	29	21.88	21.23	0.133
				36	30	21.86	21.21	0.132
				75	0	21.79	21.14	0.130



Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	1720	20050	20	1	0	22.02	21.37	0.137
				1	49	21.77	21.12	0.129
				1	99	21.74	21.09	0.129
				50	0	20.90	20.25	0.106
				50	24	20.80	20.15	0.104
				50	50	20.82	20.17	0.104
				100	0	20.81	20.16	0.104
	1732.5	20175		1	0	22.15	21.50	0.141
				1	49	21.88	21.23	0.133
				1	99	22.01	21.36	0.137
				50	0	20.81	20.16	0.104
				50	24	20.79	20.14	0.103
				50	50	20.86	20.21	0.105
				100	0	20.74	20.09	0.102
	1745	20300		1	0	22.00	21.35	0.136
				1	49	21.96	21.31	0.135
				1	99	22.12	21.47	0.140
				50	0	20.76	20.11	0.103
				50	24	20.87	20.22	0.105
				50	50	20.96	20.31	0.107
				100	0	20.98	20.33	0.108

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1720	20050	20	1	0	22.55	21.90	0.155
				1	49	22.45	21.80	0.151
				1	99	22.54	21.89	0.155
				50	0	21.73	21.08	0.128
				50	24	21.64	20.99	0.126
				50	50	21.68	21.03	0.127
				100	0	21.74	21.09	0.129
	1732.5	20175		1	0	22.64	21.99	0.158
				1	49	22.58	21.93	0.156
				1	99	22.70	22.05	0.160
				50	0	21.73	21.08	0.128
				50	24	21.67	21.02	0.126
				50	50	21.68	21.03	0.127
				100	0	21.68	21.03	0.127
	1745	20300		1	0	22.54	21.89	0.155
				1	49	22.66	22.01	0.159
				1	99	22.87	22.22	0.167
				50	0	21.69	21.04	0.127
				50	24	21.80	21.15	0.130
				50	50	21.88	21.23	0.133
				100	0	21.77	21.12	0.129