

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 7C

1 RF Power Output

Aggregated BW	Modulation	PCC	SCC	Total Conducted power(dBm)		
				Range		
				Low	Mid	High
10+20	QPSK	1@49	50@0	24.53	24.72	23.16
		50@0	100@0	21.54	21.95	19.71
20+10		1@99	1@0	24.37	24.65	23.18
		1@0	1@49	22.61	23.47	22.14
15+15		100@0	50@0	21.51	22.11	19.75
		1@74	1@0	24.40	24.69	23.12
15+20		75@0	75@0	21.52	21.93	19.68
		1@74	1@0	24.37	24.63	23.11
20+15		75@0	100@0	21.43	21.93	19.72
		1@99	1@0	24.46	24.57	22.98
20+20		100@0	75@0	25.29	25.84	24.18
		1@99	1@0	25.78	25.12	23.05
		1@0	1@99	24.77	24.12	24.43
		100@0	100@0	23.31	22.74	23.07

Aggregated BW	Modulation	PCC	SCC	Total Conducted power(dBm)		
				Range		
				Low	Mid	High
10+20	16QAM	1@49	50@0	23.07	23.27	21.90
		50@0	100@0	20.41	21.02	18.49
20+10		1@99	1@0	22.93	23.38	22.07
		1@0	1@49	21.88	22.80	20.98
15+15		100@0	50@0	20.27	21.35	18.48
		1@74	1@0	23.08	23.36	21.77
15+20		75@0	75@0	20.09	20.74	18.35
		1@74	1@0	23.51	23.79	21.87
20+15		75@0	100@0	20.45	21.11	18.33
		1@99	1@0	23.08	23.73	21.89
20+20		100@0	75@0	23.84	25.14	23.48
		1@99	1@0	24.81	24.47	21.59
		1@0	1@99	24.00	23.41	23.03
			100@0	100@0	22.23	21.39

Aggregated BW	Modulation	PCC	SCC	Total Conducted power(dBm)		
				Range		
				Low	Mid	High
10+20	64QAM	1@49	50@0	22.90	23.12	21.54
		50@0	100@0	19.96	19.99	17.95
20+10		1@99	1@0	22.59	22.89	21.29
		1@0	1@49	21.30	21.86	20.69
15+15		100@0	50@0	19.99	20.49	18.05
		1@74	1@0	22.71	23.07	21.67
15+20		75@0	75@0	19.66	19.99	17.70
		1@74	1@0	22.64	23.26	21.88
20+15		75@0	100@0	19.58	20.33	18.47
		1@99	1@0	23.03	22.77	21.48
20+20		100@0	75@0	23.74	24.61	22.44
		1@99	1@0	23.87	23.46	21.58
		1@0	1@99	23.26	22.76	22.43
		100@0	100@0	21.82	20.95	21.31

2 Occupied Bandwidth

3 Emission Bandwidth

Aggregated BW	Modulation	PCC	SCC	Freq. 2535MHz		
				99% BW (MHz)	-26dB BW (MHz)	Fig.
10+20	QPSK	50@0	100@0	27.99	29.97	Fig.1
20+10		100@0	50@0	28.07	30.00	Fig.2
15+15		75@0	75@0	28.66	30.72	Fig.3
15+20		75@0	100@0	32.83	34.95	Fig.4
20+15		100@0	75@0	32.88	35.02	Fig.5
20+20		100@0	100@0	37.68	40.00	Fig.6

Aggregated BW	Modulation	PCC	SCC	Freq. 2535MHz		
				99% BW (MHz)	-26dB BW (MHz)	Fig.
10+20	16QAM	50@0	100@0	28.05	30	Fig.7
20+10		100@0	50@0	28.01	30.04	Fig.8
15+15		75@0	75@0	28.68	30.71	Fig.9
15+20		75@0	100@0	32.89	34.96	Fig.10
20+15		100@0	75@0	32.90	35.04	Fig.11
20+20		100@0	100@0	37.70	39.98	Fig.12

Aggregated BW	Modulation	PCC	SCC	Freq. 2535MHz		
				99% BW (MHz)	-26dB BW (MHz)	Fig.
10+20	64QAM	50@0	100@0	28.09	30	Fig.13
20+10		100@0	50@0	28.06	30.07	Fig.14
15+15		75@0	75@0	28.63	30.69	Fig.15
15+20		75@0	100@0	32.87	35.02	Fig.16
20+15		100@0	75@0	32.92	34.97	Fig.17
20+20		100@0	100@0	37.72	39.98	Fig.18

Test Mode: QPSK

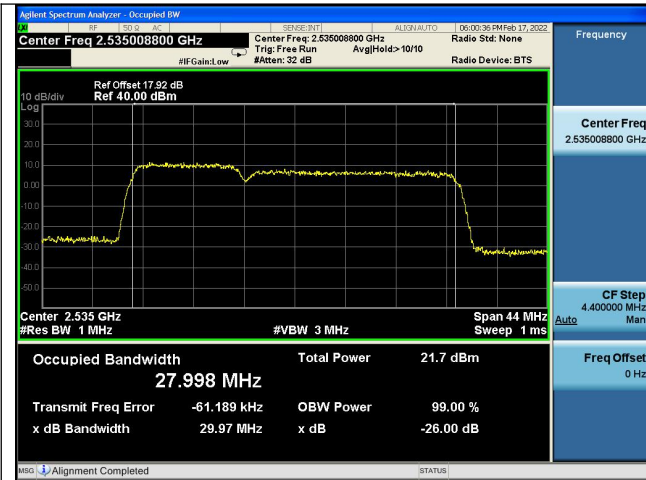


Fig.1



Fig.2

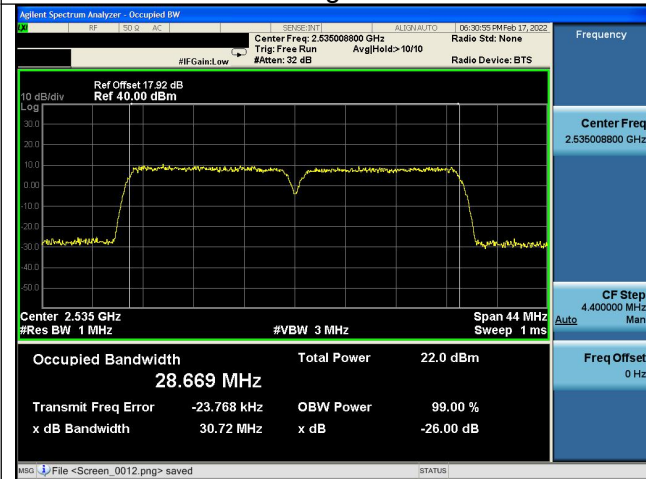


Fig.3

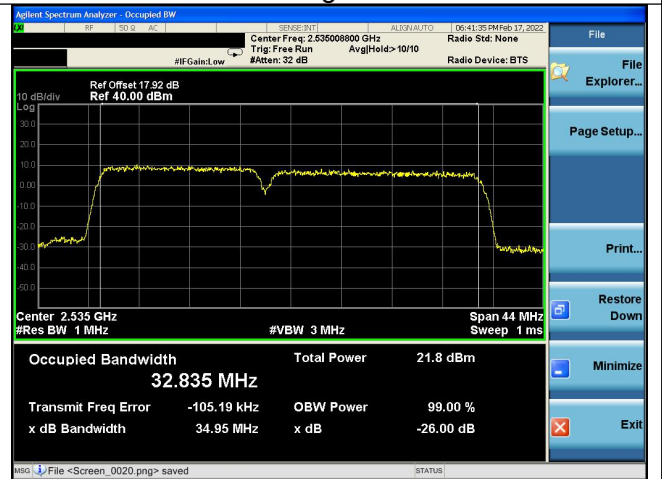


Fig.4

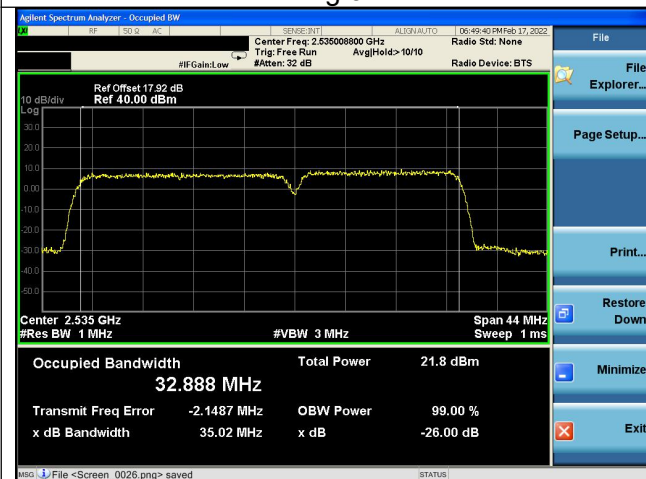


Fig.5

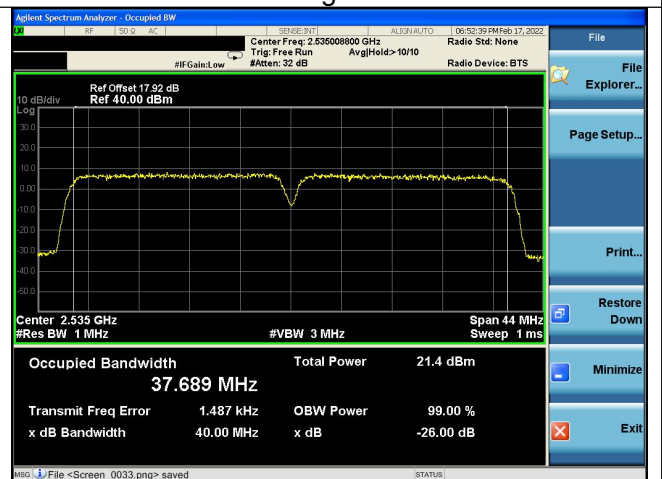


Fig.6

Test Mode: 16QAM

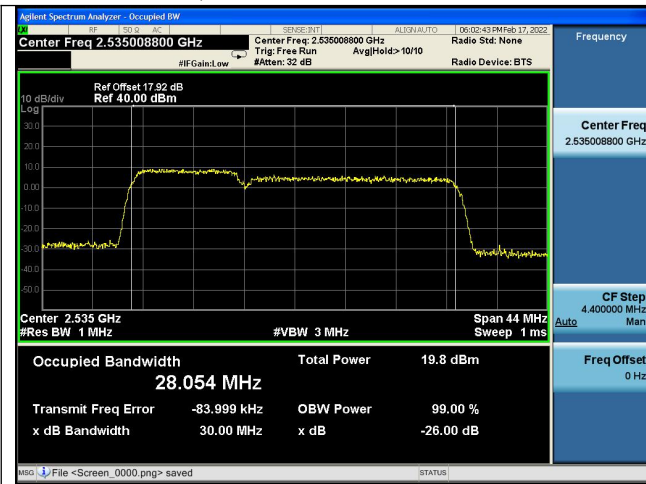


Fig.7



Fig.8

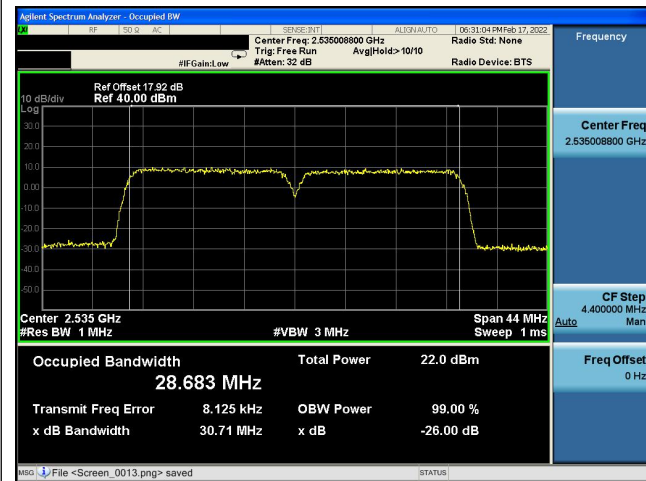


Fig.9

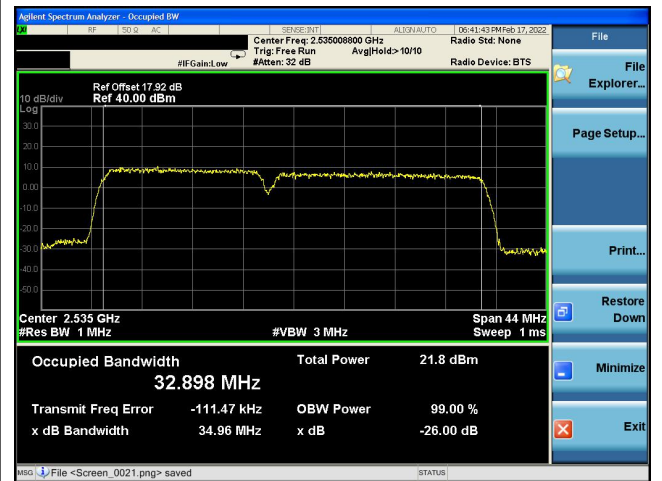


Fig.10

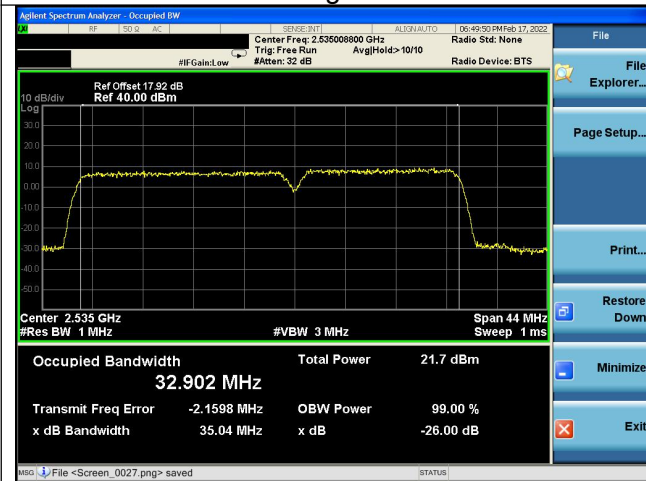


Fig.11

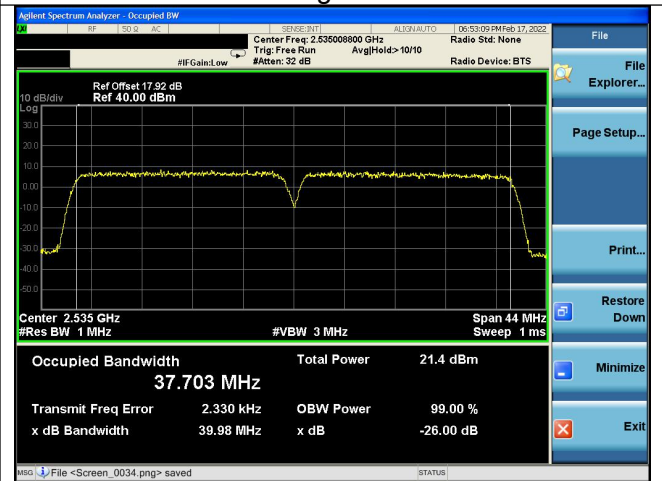


Fig.12

Test Mode: 64QAM

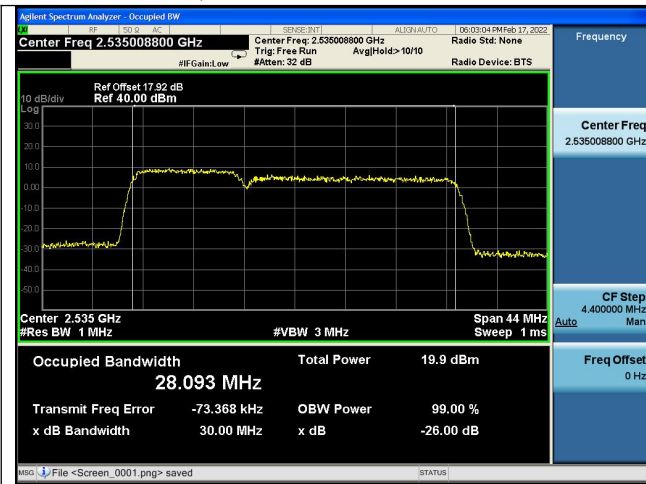


Fig.13



Fig.14

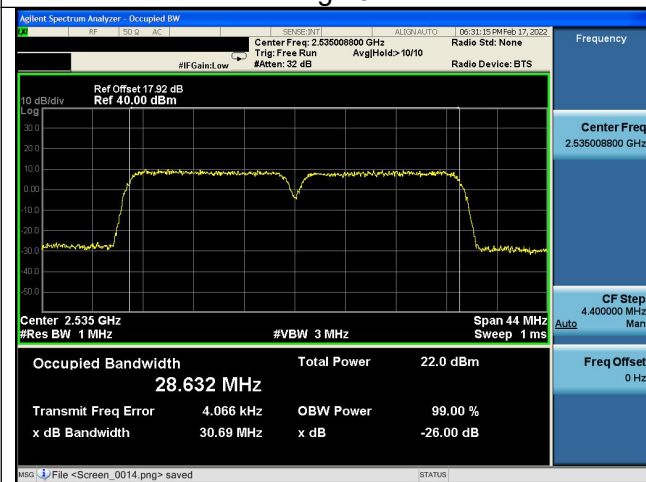


Fig.15

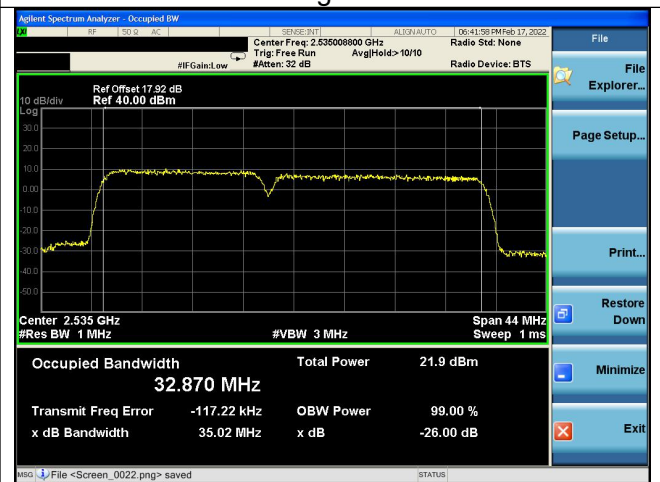


Fig.16

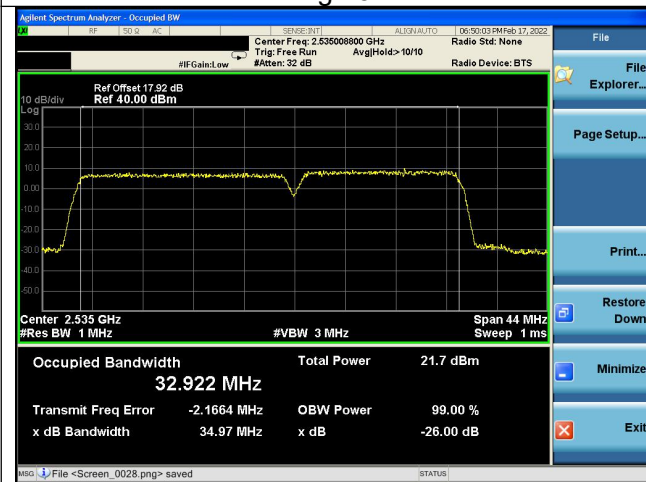


Fig.17

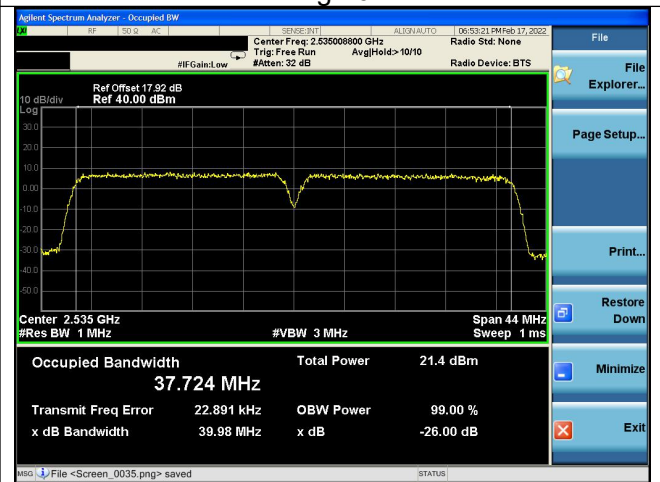


Fig.18

4 Band Edges Compliance

Aggregated BW	Modulation	PCC	SCC	Band Edges Compliance	
				Range	
				Low	High
20+10	QPSK	1@0	1@49	Fig.1	Fig.2
		100@0	50@0	Fig.3	Fig.4
1@0		1@99	Fig.5	Fig.6	
100@0		100@0	Fig.7	Fig.8	

Aggregated BW	Modulation	PCC	SCC	Band Edges Compliance	
				Range	
				Low	High
20+10	16QAM	1@0	1@49	Fig.9	Fig.10
		100@0	50@0	Fig.11	Fig.12
1@0		1@99	Fig.13	Fig.14	
100@0		100@0	Fig.15	Fig.16	

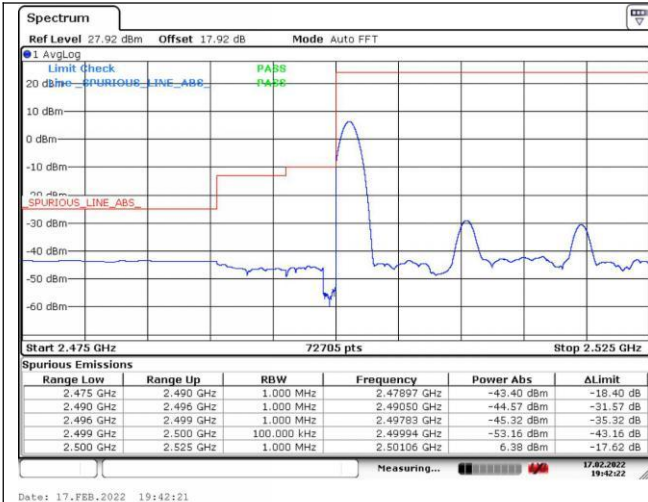


Fig.1

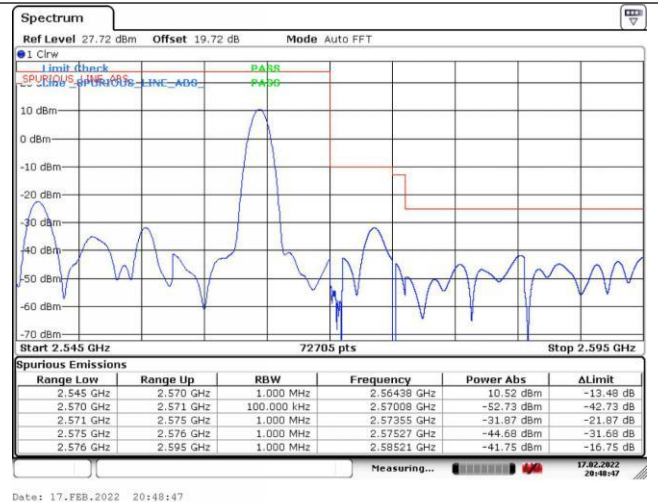


Fig.2

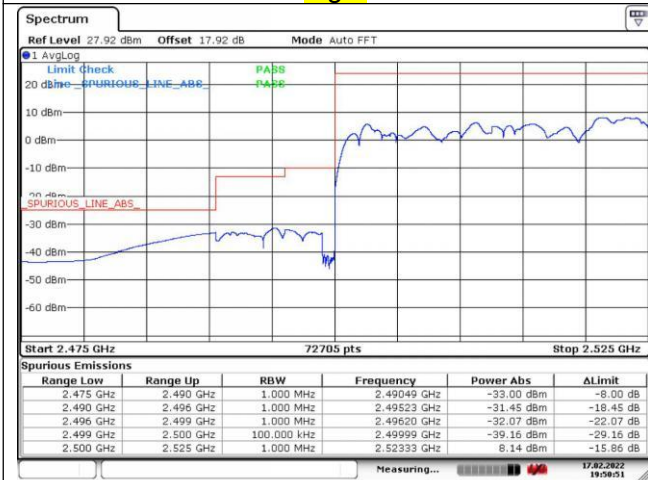


Fig.3

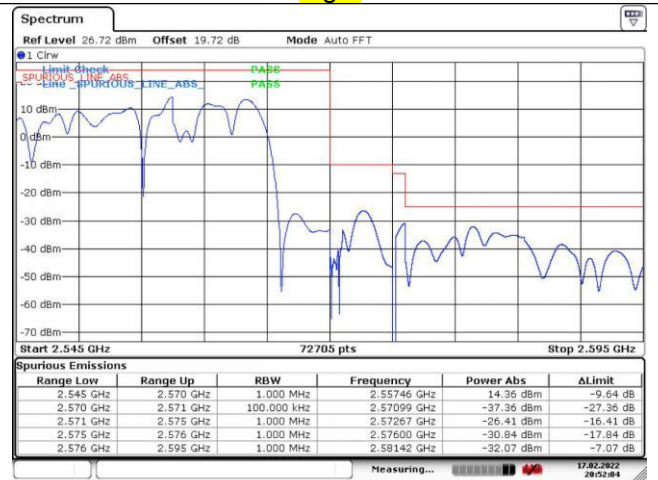


Fig.4

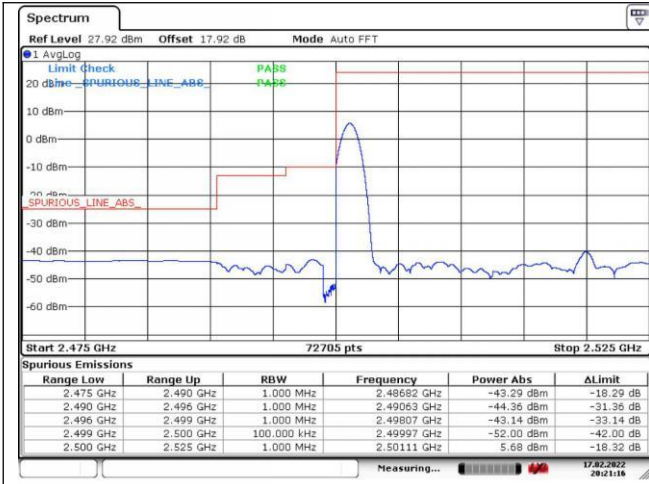


Fig.5

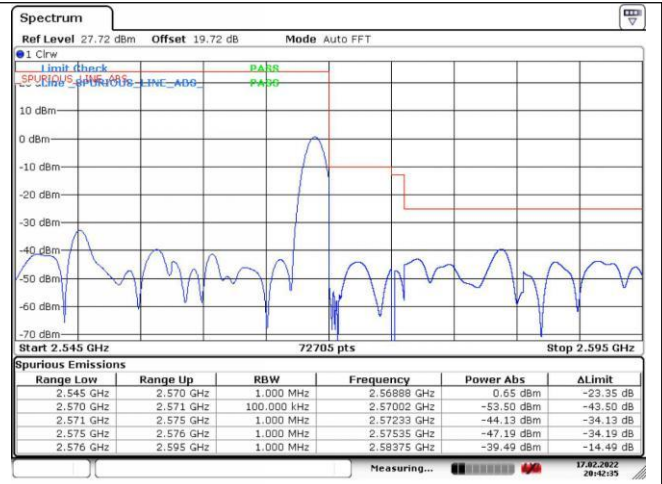


Fig.6

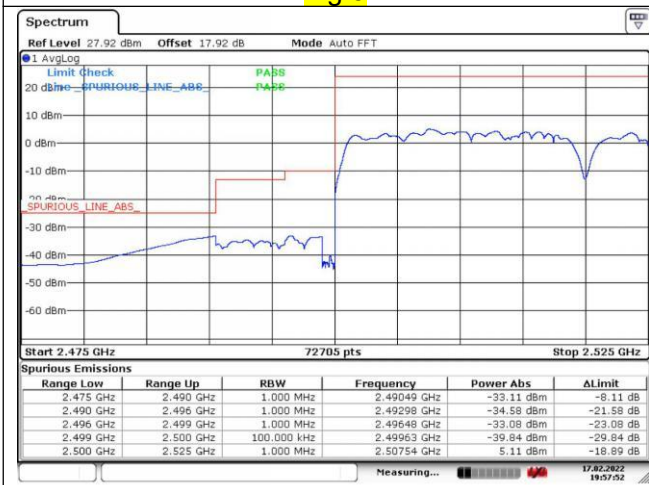


Fig.7

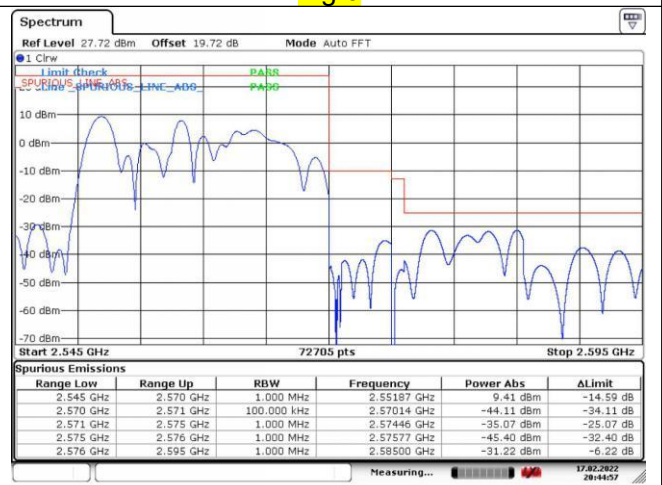


Fig.8

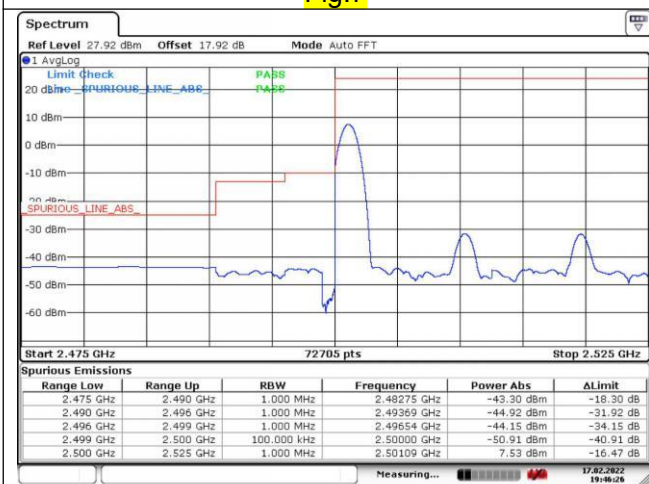


Fig.9

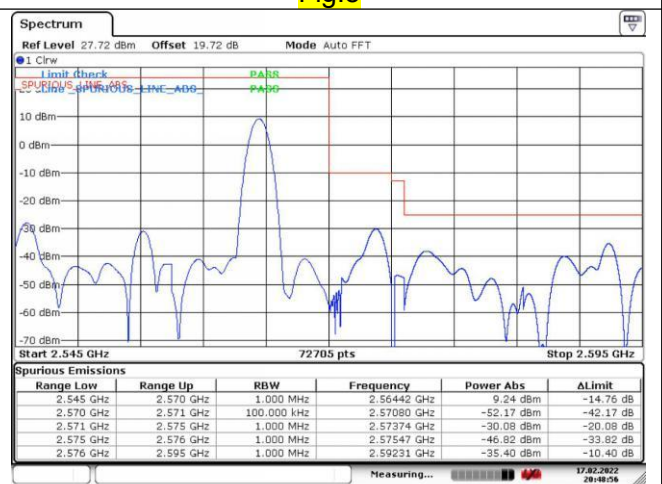


Fig.10

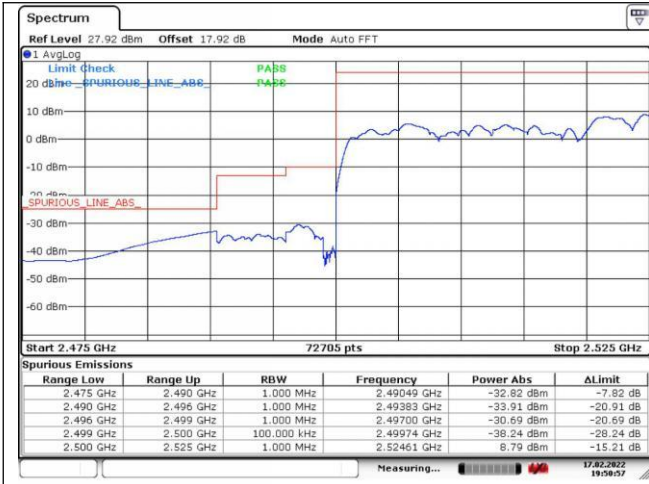


Fig. 11

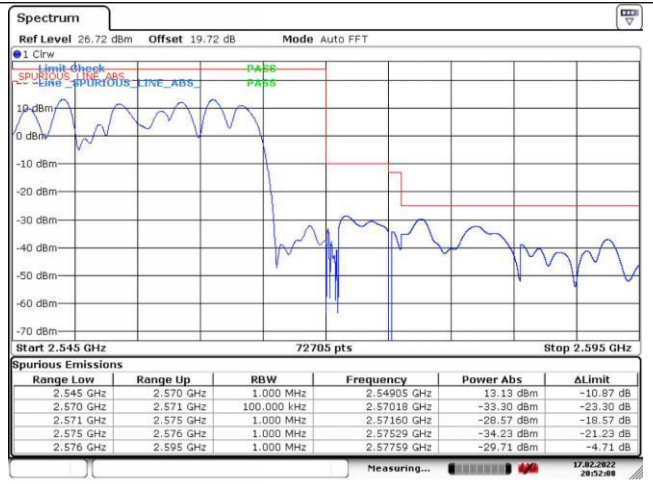


Fig. 12

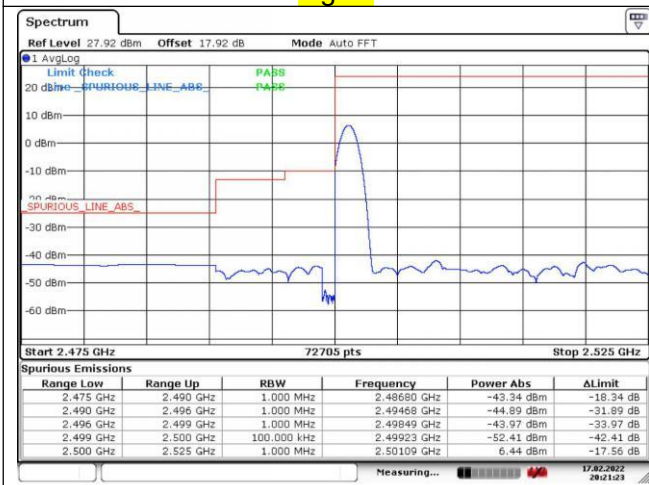


Fig. 13

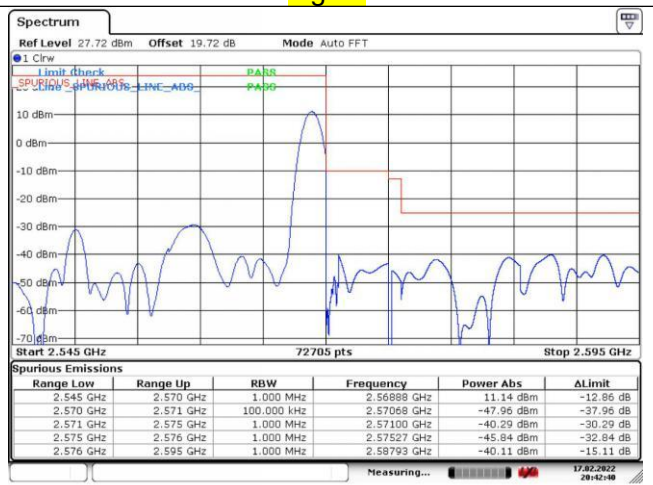


Fig. 14

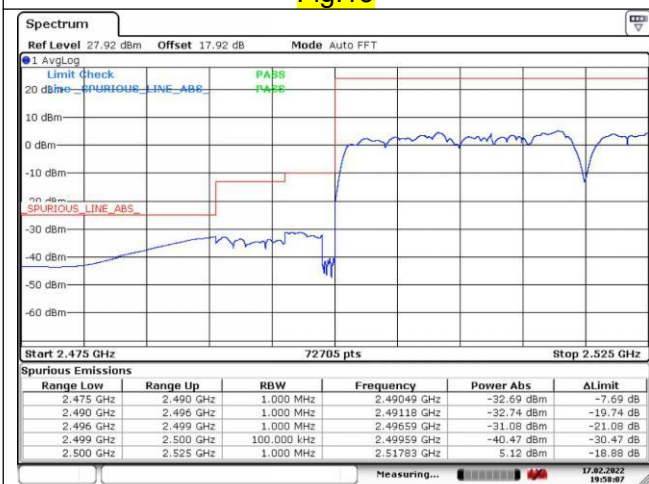


Fig. 15

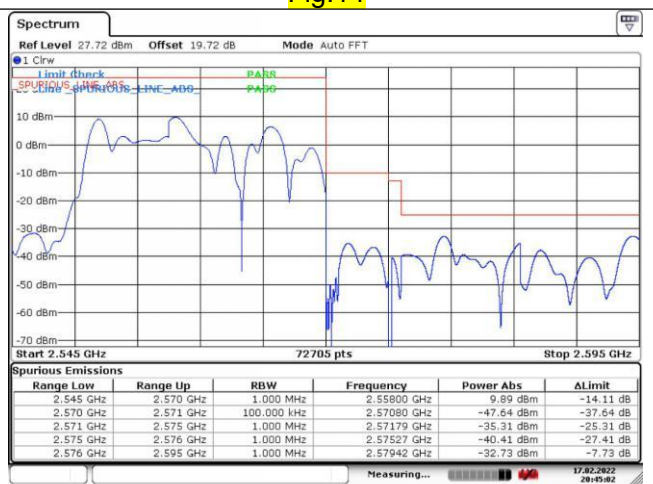


Fig. 16

5 Effective Radiated Power and Effective Isotropic Radiated Power

Aggregated BW	Modulation	PCC	SCC	ERP/EIRP (dBm)			ERP/EIRP (W)		
				Range			Range		
				Low	Mid	High	Low	Mid	High
10+20	QPSK	1@49	50@0	23.03	23.03	23.22	0.201	0.201	0.210
		50@0	100@0	20.04	20.04	20.45	0.101	0.101	0.111
20+10		1@99	1@0	22.87	22.87	23.15	0.194	0.194	0.207
		1@0	1@49	21.11	21.11	21.97	0.129	0.129	0.157
15+15		100@0	50@0	20.01	20.01	20.61	0.100	0.100	0.115
		1@74	1@0	22.90	22.90	23.19	0.195	0.195	0.208
15+20		75@0	75@0	20.02	20.02	20.43	0.100	0.100	0.110
		1@74	1@0	22.87	22.87	23.13	0.194	0.194	0.206
20+15		75@0	100@0	19.93	19.93	20.43	0.098	0.098	0.110
		1@99	1@0	22.96	22.96	23.07	0.198	0.198	0.203
20+20	100@0	75@0	23.79	23.79	24.34	0.239	0.239	0.272	
	1@99	1@0	24.28	24.28	23.62	0.268	0.268	0.230	
	1@0	1@99	23.27	23.27	22.62	0.212	0.212	0.183	
		100@0	100@0	21.81	21.81	21.24	0.152	0.152	0.133

Aggregated BW	Modulation	PCC	SCC	ERP/EIRP (dBm)			ERP/EIRP (W)		
				Range			Range		
				Low	Mid	High	Low	Mid	High
10+20	16QAM	1@49	50@0	21.57	21.77	20.40	0.144	0.150	0.110
		50@0	100@0	18.91	19.52	16.99	0.078	0.090	0.050
20+10		1@99	1@0	21.43	21.88	20.57	0.139	0.154	0.114
		1@0	1@49	20.38	21.30	19.48	0.109	0.135	0.089
15+15		100@0	50@0	18.77	19.85	16.98	0.075	0.097	0.050
		1@74	1@0	21.58	21.86	20.27	0.144	0.153	0.106
15+20		75@0	75@0	18.59	19.24	16.85	0.072	0.084	0.048
		1@74	1@0	22.01	22.29	20.37	0.159	0.169	0.109
20+15		75@0	100@0	18.95	19.61	16.83	0.079	0.091	0.048
		1@99	1@0	21.58	22.23	20.39	0.144	0.167	0.109
20+20		100@0	75@0	22.34	23.64	21.98	0.171	0.231	0.158
		1@99	1@0	23.31	22.97	20.09	0.214	0.198	0.102
	1@0	1@99	22.50	21.91	21.53	0.178	0.155	0.142	
		100@0	100@0	20.73	19.89	20.27	0.118	0.097	0.106

Aggregated BW	Modulation	PCC	SCC	ERP/EIRP (dBm)			ERP/EIRP (W)		
				Range			Range		
				Low	Mid	High	Low	Mid	High
10+20	64QAM	1@49	50@0	21.40	21.62	20.04	0.138	0.145	0.101
		50@0	100@0	18.46	18.49	16.45	0.070	0.071	0.044
20+10		1@99	1@0	21.09	21.39	19.79	0.129	0.138	0.095
		1@0	1@49	19.80	20.36	19.19	0.095	0.109	0.083
15+15		100@0	50@0	18.49	18.99	16.55	0.071	0.079	0.045
		1@74	1@0	21.21	21.57	20.17	0.132	0.144	0.104
15+20		75@0	75@0	18.16	18.49	16.20	0.065	0.071	0.042
		1@74	1@0	21.14	21.76	20.38	0.130	0.150	0.109
20+15		75@0	100@0	18.08	18.83	16.97	0.064	0.076	0.050
		1@99	1@0	21.53	21.27	19.98	0.142	0.134	0.100
20+20	100@0	75@0	22.24	23.11	20.94	0.167	0.205	0.124	
	1@99	1@0	22.37	21.96	20.08	0.173	0.157	0.102	
	1@0	1@99	21.76	21.26	20.93	0.150	0.134	0.124	
		100@0	100@0	20.32	19.45	19.81	0.108	0.088	0.096