

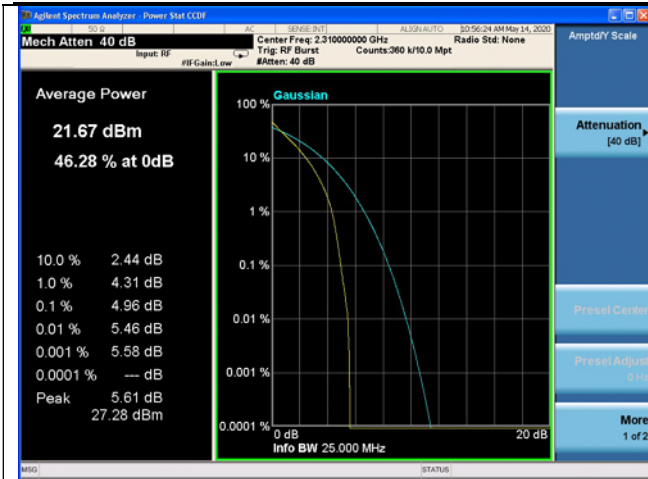


Fig.5



Fig.6

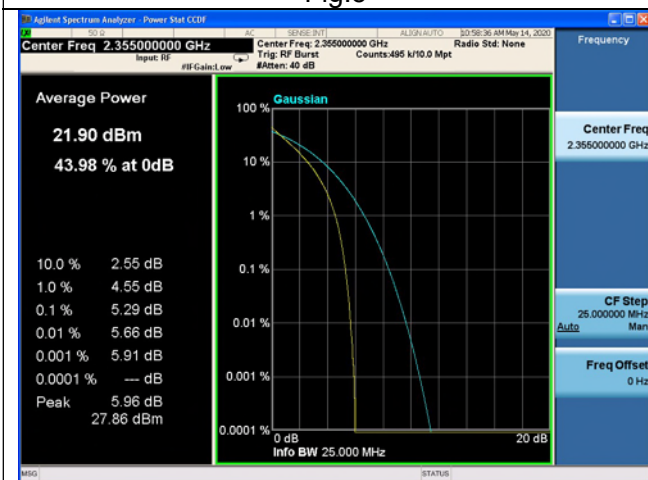


Fig.7

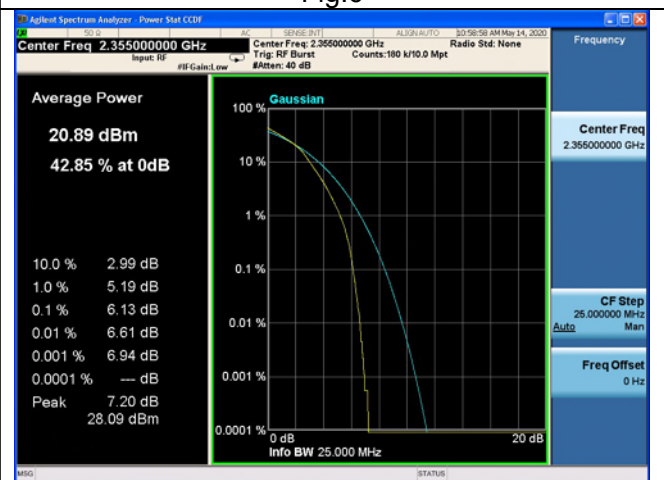


Fig.8

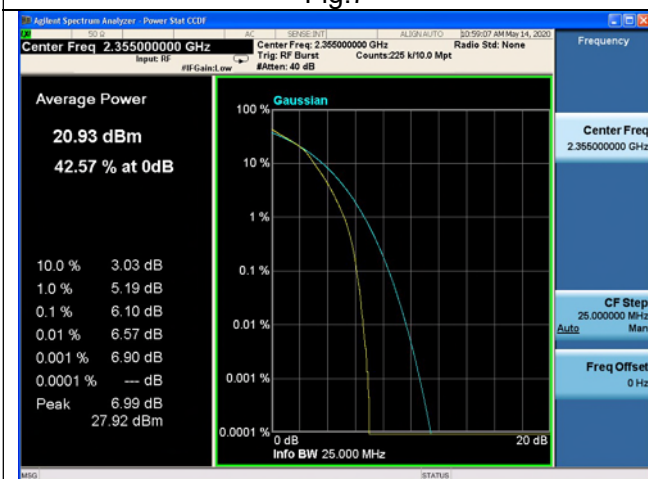


Fig.9

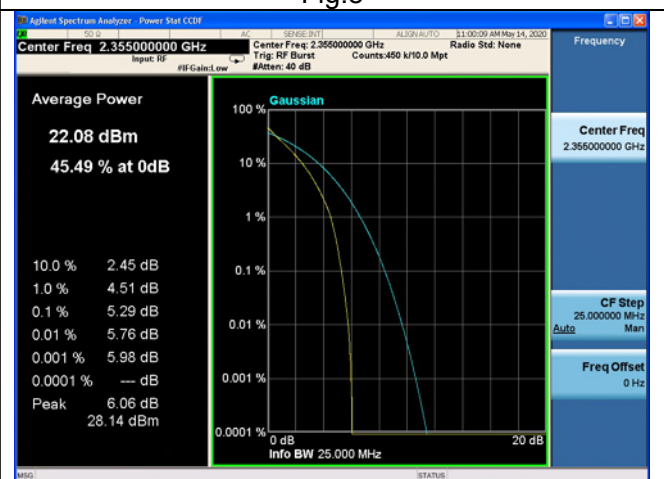


Fig.10

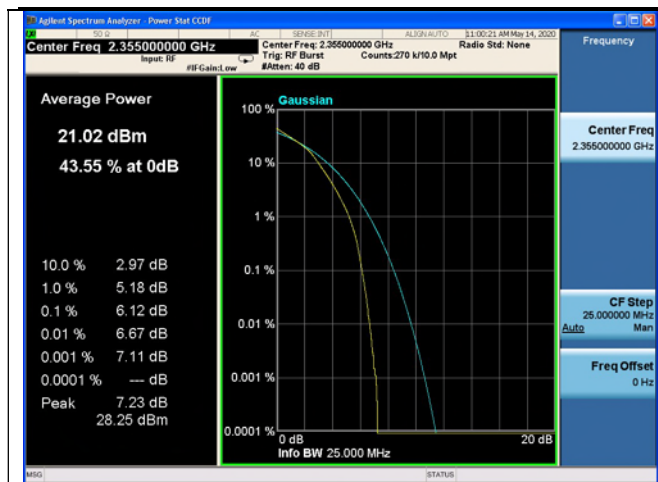


Fig.11

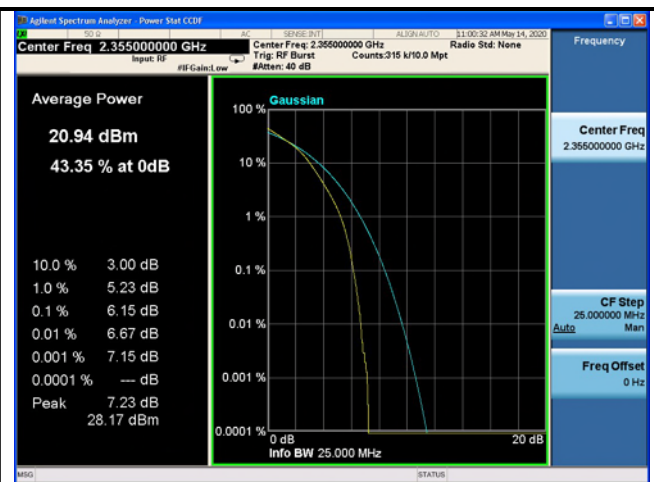


Fig.12

4 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
7	2310.0	38750	10	1	0	Fig.1-2
	2355.0	39200	10	1	0	Fig.3-4

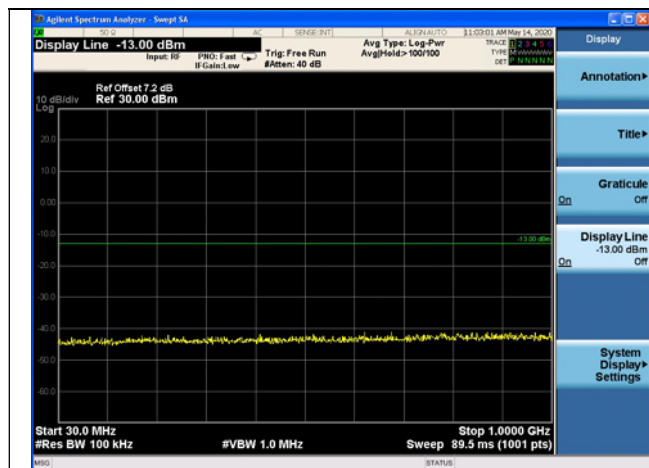


Fig.1

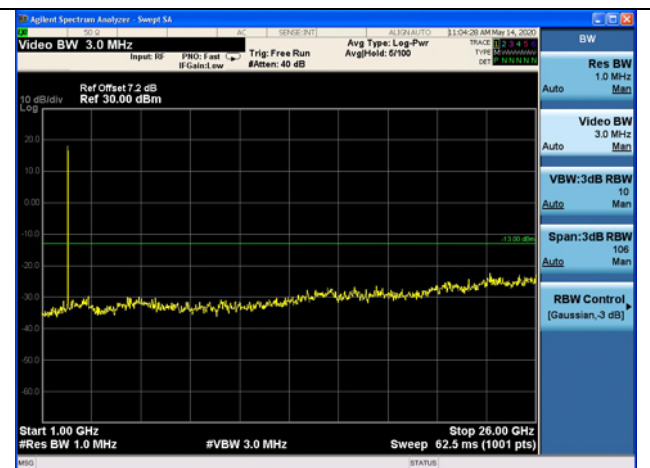


Fig.2

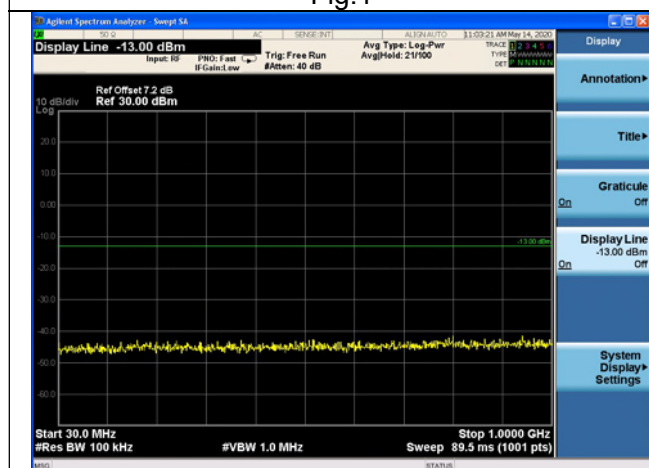


Fig3

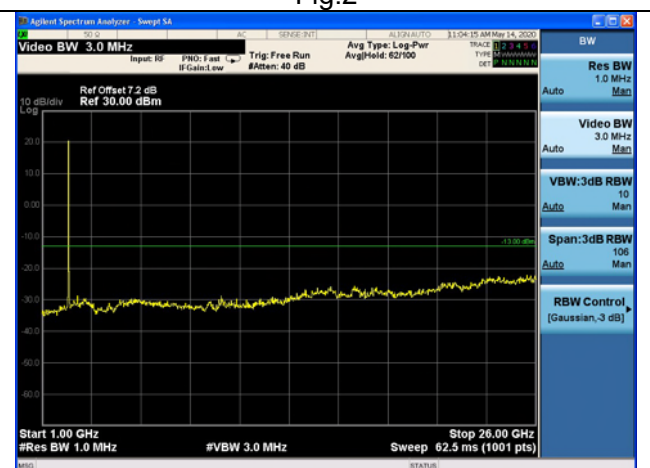


Fig4

5 Band Edges Compliance

Test result

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
7	2307.5	38725	5	1	0	Fig.1
				25	0	Fig.2
	2312.5	38775		1	24	Fig.3
				25	0	Fig.4
	2352.5	39175	5	1	0	Fig.5
				25	0	Fig.6
	2357.5	39225		1	24	Fig.7
				25	0	Fig.8
	2310.0	38750	10	1	0	Fig.9
				50	0	Fig.10
				1	49	Fig.11
				50	0	Fig.12
	2355.0	39200	10	1	0	Fig.13
				50	0	Fig.14
				1	49	Fig.15
				50	0	Fig.16

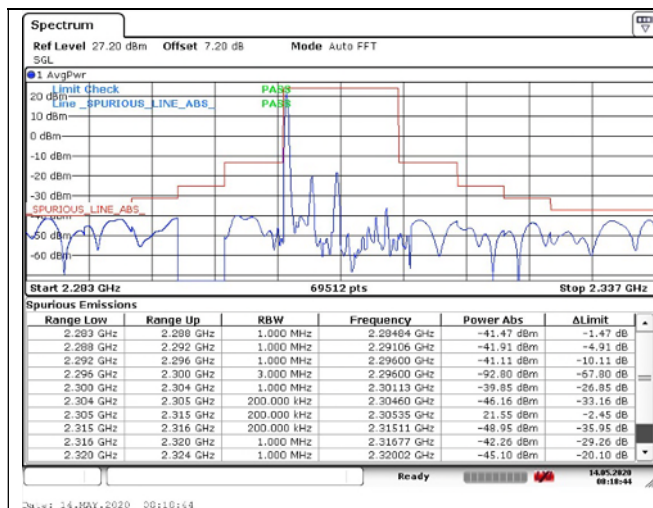


Fig.1

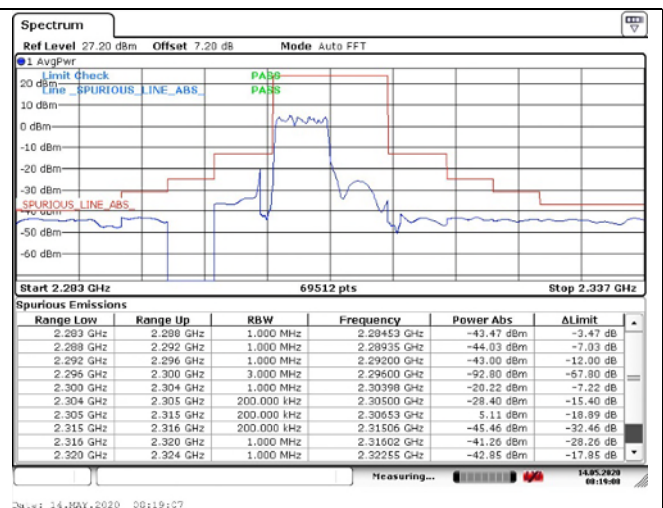


Fig.2

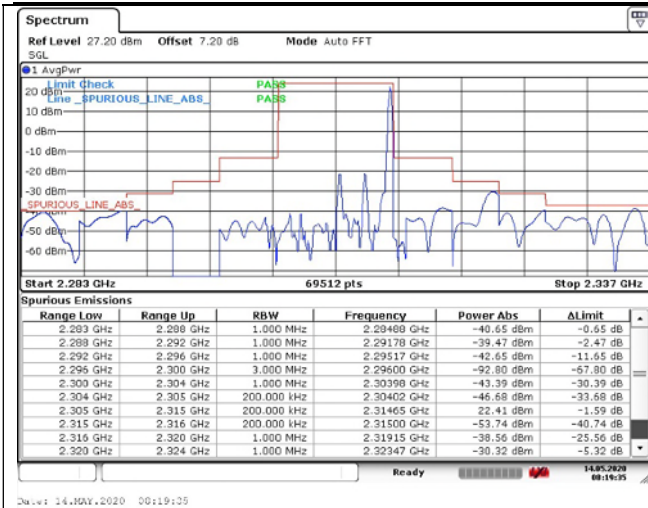


Fig.3

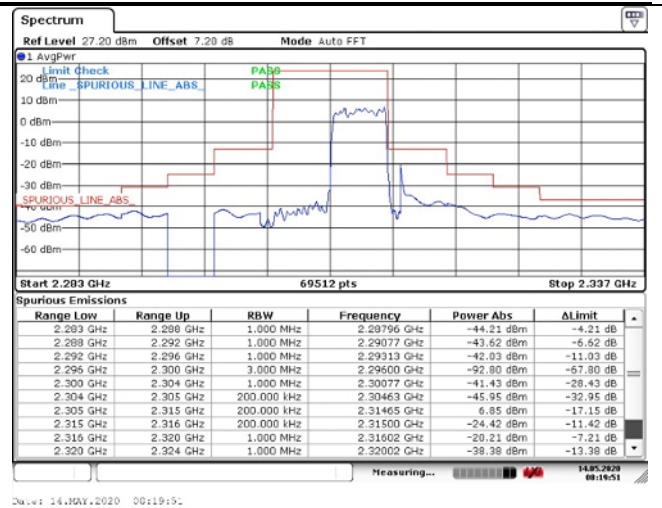


Fig.4

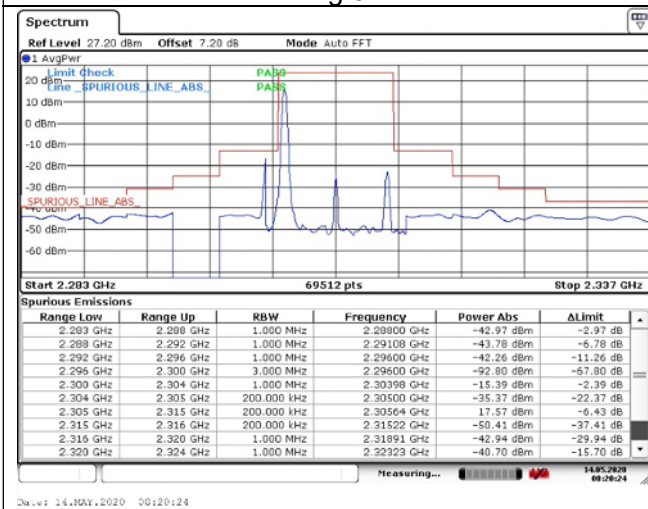


Fig.5

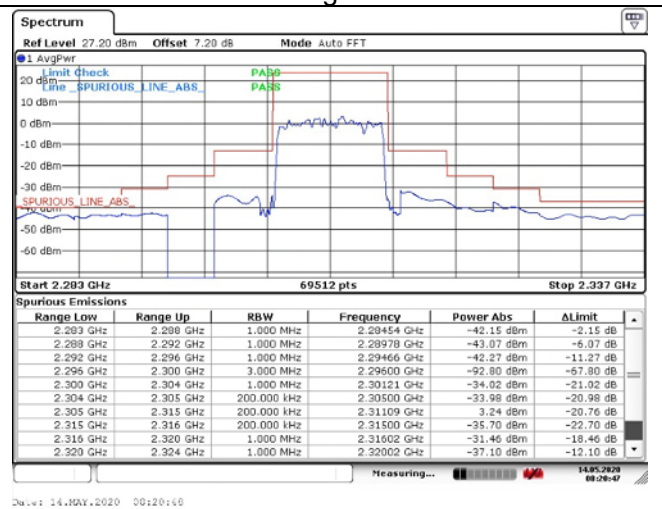


Fig.6

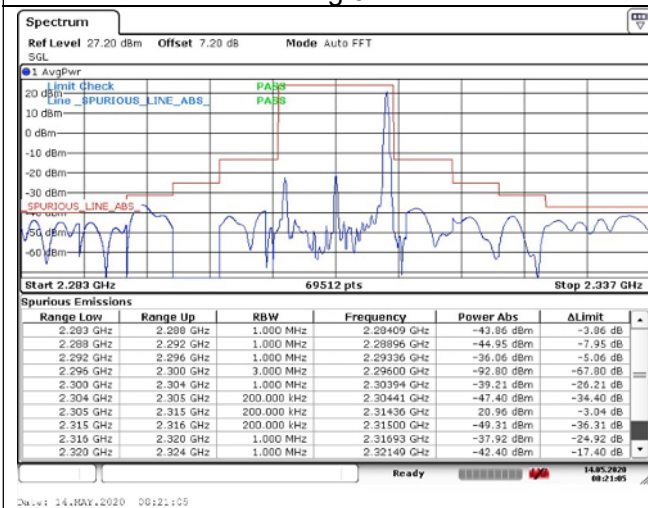


Fig.7

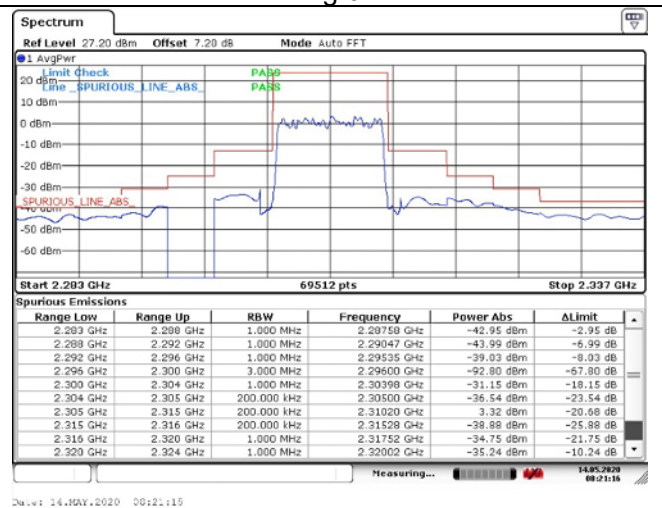


Fig.8

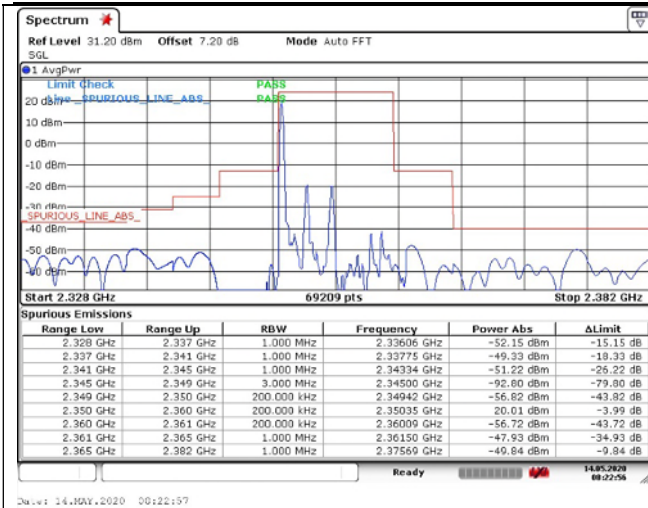


Fig.9

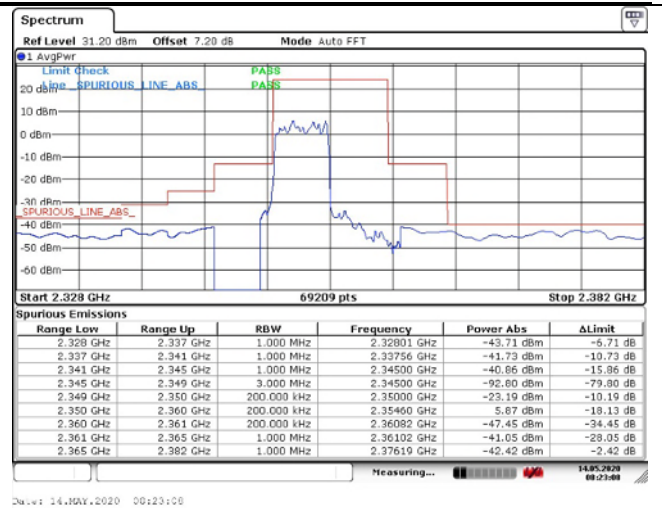


Fig.10

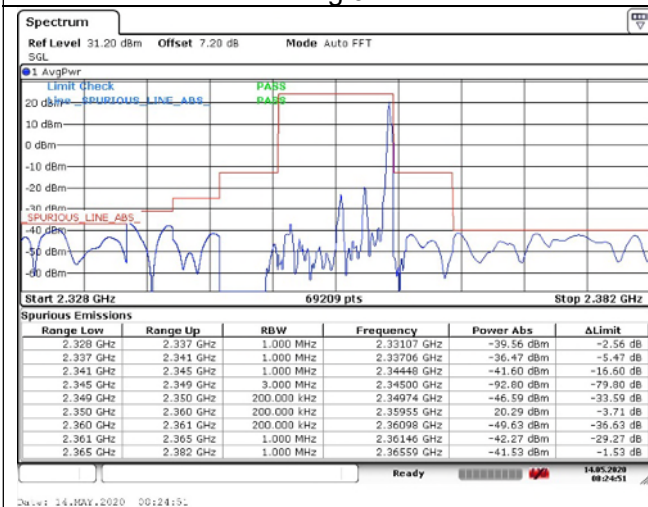


Fig.11

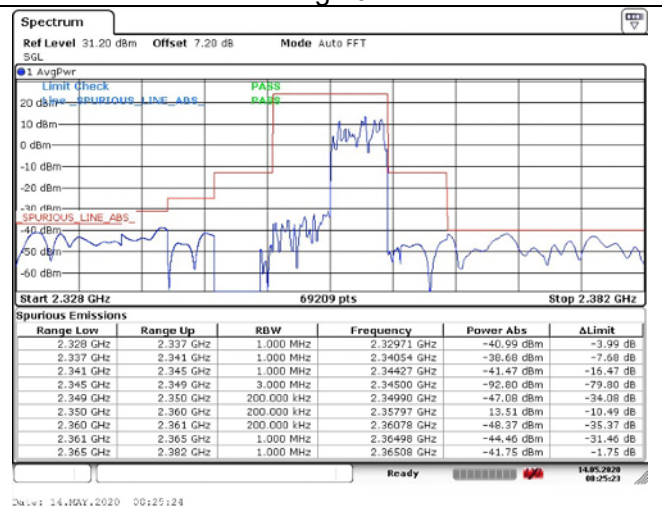


Fig.12

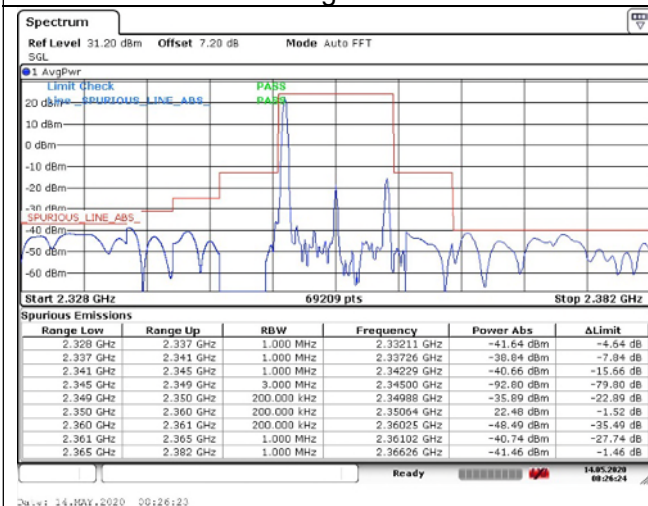


Fig.13

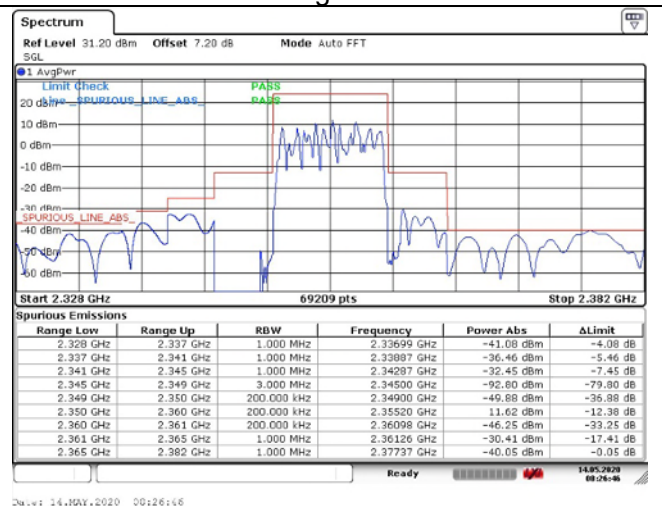


Fig.14

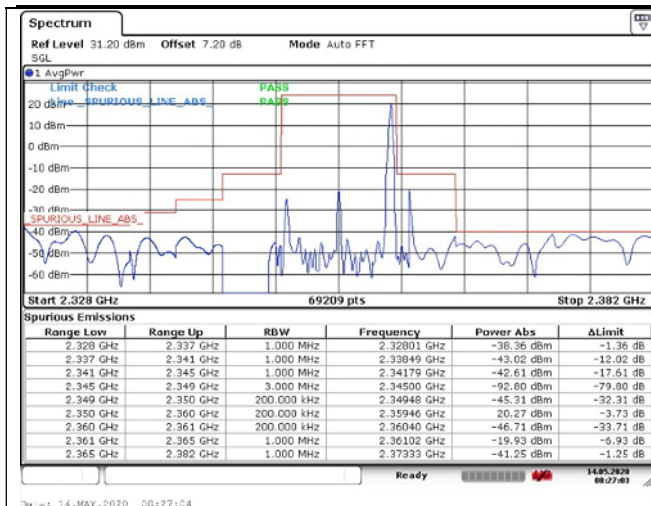


Fig.15

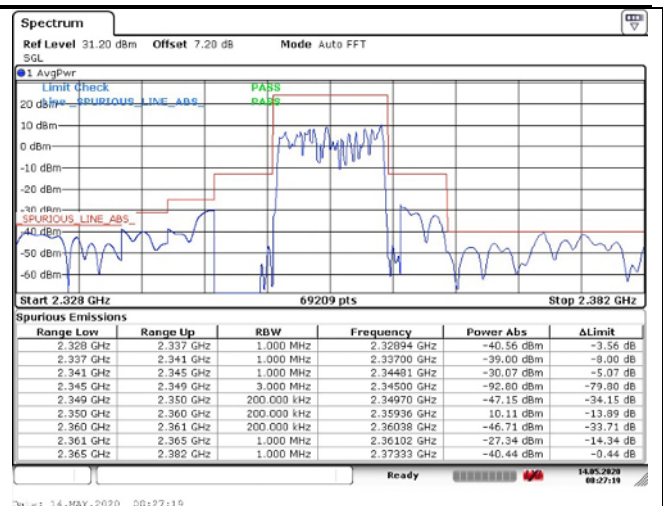


Fig.16

6 Frequency Stability

Test result:

Temperature(°C)	Voltage	Test Result (ppm) Band40 2305-2325MHz Channel			
		5MHz Low Channel	5MHz Mid Channel	5MHz High Channel	10MHz Mid Channel
-20	NV	-0.005	-0.024	-0.076	-0.023
-10	NV	-0.015	0.046	-0.035	0.026
0	NV	0.032	0.077	0.000	-0.04
+10	NV	-0.014	-0.052	0.029	-0.006
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.074	-0.013	0.013	-0.042
+40	NV	0.073	-0.033	0.057	0.003
+50	NV	0.013	-0.019	0.014	-0.062
+55	NV	-0.074	0.000	-0.036	-0.061
+20	LV	0.057	-0.034	0.049	-0.003
+20	HV	0.078	0.03	-0.077	-0.079

Temperature(°C)	Voltage	Test Result (ppm) Band40 2350-2360MHz			
		5MHz Low Channel	5MHz Mid Channel	5MHz High Channel	10MHz Mid Channel
-20	NV	0.05	-0.023	0.03	-0.03
-10	NV	-0.036	0.019	0.035	-0.076
0	NV	-0.034	0.066	-0.039	0.046
+10	NV	-0.029	-0.059	-0.01	0.049
+20	NV	0.000	0.000	0.000	0.000
+30	NV	0.024	-0.047	0.021	0.064
+40	NV	-0.078	-0.017	-0.071	0.016
+50	NV	0.032	0.023	0.062	0.051
+55	NV	-0.022	-0.005	0.002	-0.054
+20	LV	-0.074	-0.074	0.021	0.018
+20	HV	-0.019	-0.071	-0.004	0.051

LTE Band 41
1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)
QPSK	2557.5	40265	5	1	0	22.50
				1	24	22.53
				12	6	21.43
				25	0	21.38
	2605	40740		1	0	22.58
				1	24	22.58
				12	6	21.66
				25	0	21.65
	2652.5	41215		1	0	22.33
				1	24	22.58
				12	6	21.46
				25	0	21.41
16QAM	2557.5	40265	5	1	0	21.22
				1	24	21.43
				12	6	20.61
				25	0	20.52
	2605	40740		1	0	21.66
				1	24	21.47
				12	6	20.70
				25	0	20.73
	2652.5	41215		1	0	21.31
				1	24	21.56
				12	6	20.67
				25	0	20.62
64QAM	2557.5	40265	5	1	0	21.12
				1	24	21.37
				12	6	20.56
				25	0	20.48
	2605	40740		1	0	21.64
				1	24	21.37
				12	6	20.65
				25	0	20.67
	2652.5	41215		1	0	21.25
				1	24	21.53
				12	6	20.60
				25	0	20.61

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)
QPSK	2560	40290	10	1	0	22.38
				1	49	22.40
				24	12	21.41
				50	0	21.39
	2605	40740		1	0	22.66
				1	49	22.62
				24	12	21.72
				50	0	21.68
	2650	41190		1	0	22.34
				1	49	22.61
				24	12	21.41
				50	0	21.35
16QAM	2560	40290	10	1	0	21.24
				1	49	21.37
				24	12	20.52
				50	0	20.45
	2605	40740		1	0	21.54
				1	49	21.51
				24	12	20.75
				50	0	20.72
	2650	41190		1	0	21.39
				1	49	21.43
				24	12	20.54
				50	0	20.50
64QAM	2560	40290	10	1	0	21.17
				1	49	21.32
				24	12	20.44
				50	0	20.43
	2605	40740		1	0	21.45
				1	49	21.49
				24	12	20.73
				50	0	20.69
	2650	41190		1	0	21.30
				1	49	21.33
				24	12	20.51
				50	0	20.43

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)
QPSK	2562.5	40315	15	1	0	22.77
				1	74	22.77
				40	18	21.60
				75	0	21.64
	2605	40740		1	0	22.78
				1	74	22.80
				40	18	21.94
				75	0	21.77
	2647.5	41165		1	0	22.60
				1	74	22.72
				40	18	21.51
				75	0	21.46
16QAM	2562.5	40315	15	1	0	21.42
				1	74	21.42
				40	18	20.65
				75	0	20.64
	2605	40740		1	0	21.75
				1	74	21.69
				40	18	21.00
				75	0	20.89
	2647.5	41165		1	0	21.50
				1	74	21.60
				40	18	20.66
				75	0	20.62
64QAM	2562.5	40315	15	1	0	21.39
				1	74	21.41
				40	18	20.64
				75	0	20.55
	2605	40740		1	0	21.68
				1	74	21.64
				40	18	20.96
				75	0	20.81
	2647.5	41165		1	0	21.40
				1	74	21.51
				40	18	20.58
				75	0	20.57

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted Average (dBm)
QPSK	2565	40340	20	1	0	22.51
				1	99	22.55
				50	25	21.62
				100	0	21.58
	2605	40740		1	0	22.59
				1	99	22.61
				50	25	21.88
				100	0	21.78
	2645	41140		1	0	22.42
				1	99	22.66
				50	25	21.66
				100	0	21.78
16QAM	2565	40340	20	1	0	21.38
				1	99	21.52
				50	25	20.61
				100	0	20.61
	2605	40740		1	0	21.71
				1	99	21.53
				50	25	20.88
				100	0	20.84
	2645	41140		1	0	21.37
				1	99	21.77
				50	25	20.79
				100	0	20.75
64QAM	2565	40340	20	1	0	21.29
				1	99	21.51
				50	25	20.58
				100	0	20.53
	2605	40740		1	0	21.64
				1	99	21.50
				50	25	20.80
				100	0	20.74
	2645	41140		1	0	21.31
				1	99	21.69
				50	25	20.73
				100	0	20.69

2 Occupied Bandwidth

Test result

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
41	2557.5	40265	5	25	0	4.4685	Fig.1	4.4673	Fig.2	4.4592	Fig.3
	2605	40740		25	0	4.4717	Fig.4	4.4802	Fig.5	4.4592	Fig.6
	2652.5	41215		25	0	4.4749	Fig.7	4.4644	Fig.8	4.4846	Fig.9
	2560	40290	10	50	0	8.9354	Fig.10	8.9042	Fig.11	8.9339	Fig.12
	2605	40740		50	0	8.9303	Fig.13	8.9279	Fig.14	8.9299	Fig.15
	2650	41190		50	0	8.9246	Fig.16	8.9121	Fig.17	8.9231	Fig.18
	2562.5	40315	15	75	0	13.387	Fig.19	13.392	Fig.20	13.328	Fig.21
	2605	40740		75	0	13.373	Fig.22	13.345	Fig.23	13.371	Fig.24
	2647.5	41165		75	0	13.393	Fig.25	13.425	Fig.26	13.409	Fig.27
	2565	40340	20	100	0	17.778	Fig.28	17.769	Fig.29	17.827	Fig.30
	2605	40740		100	0	17.862	Fig.31	17.734	Fig.32	17.892	Fig.33
	2645	41140		100	0	17.867	Fig.34	17.769	Fig.35	17.820	Fig.36

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
41	2557.5	40265	5	25	0	5.297	Fig.1	5.350	Fig.2	5.578	Fig.3
	2605	40740		25	0	4.931	Fig.4	5.416	Fig.5	5.302	Fig.6
	2652.5	41215		25	0	5.129	Fig.7	4.804	Fig.8	4.696	Fig.9
	2560	40290	10	50	0	9.663	Fig.10	11.91	Fig.11	10.41	Fig.12
	2605	40740		50	0	10.34	Fig.13	10.22	Fig.14	9.658	Fig.15
	2650	41190		50	0	9.834	Fig.16	9.637	Fig.17	9.855	Fig.18
	2562.5	40315	15	75	0	16.55	Fig.19	14.83	Fig.20	14.18	Fig.21
	2605	40740		75	0	14.34	Fig.22	14.35	Fig.23	14.42	Fig.24
	2647.5	41165		75	0	14.39	Fig.25	14.11	Fig.26	14.23	Fig.27
	2565	40340	20	100	0	19.01	Fig.28	18.70	Fig.29	18.56	Fig.30
	2605	40740		100	0	19.02	Fig.31	18.76	Fig.32	18.84	Fig.33
	2645	41140		100	0	18.91	Fig.34	19.71	Fig.35	18.86	Fig.36

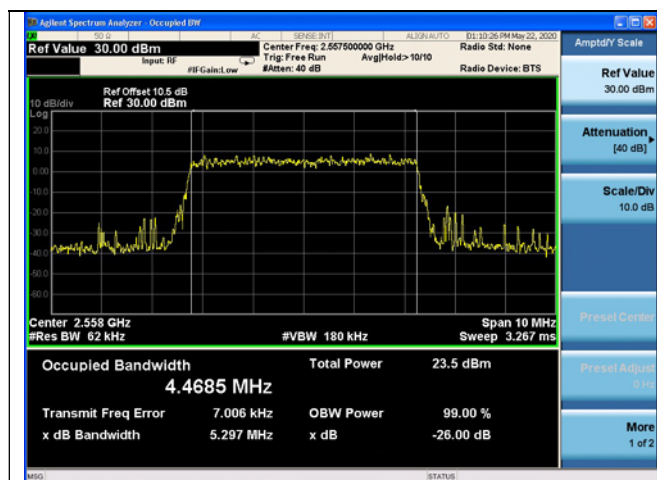


Fig.1

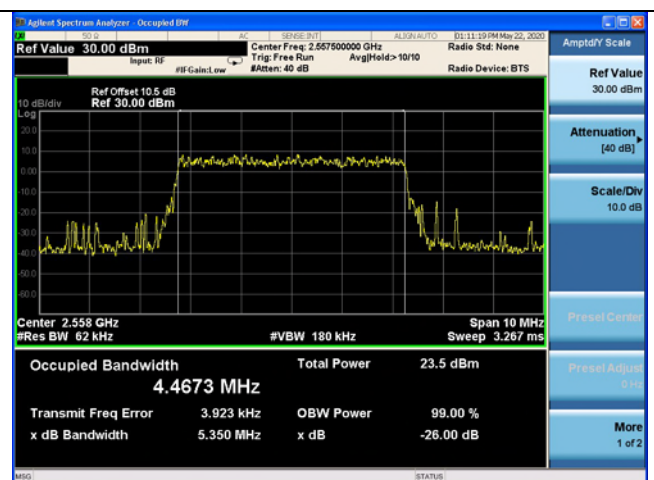


Fig.2

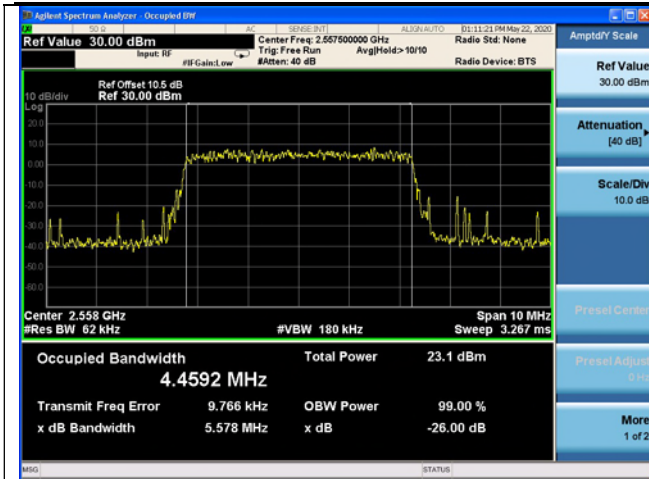


Fig.3

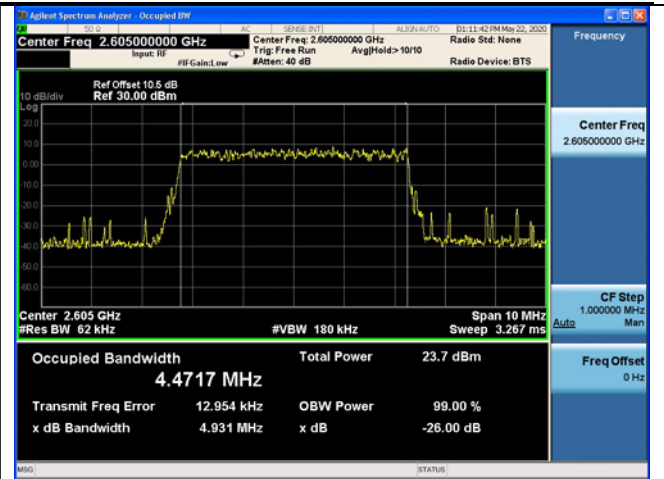


Fig.4

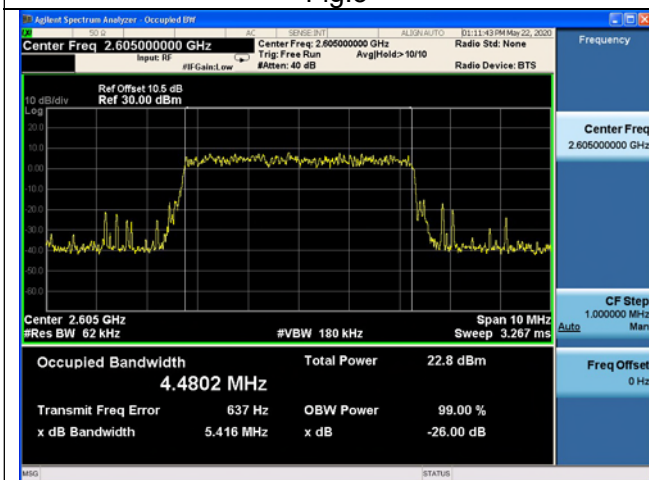


Fig.5

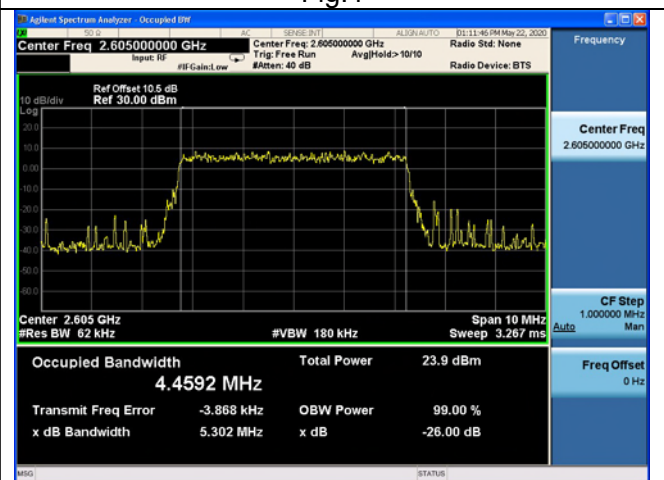


Fig.6

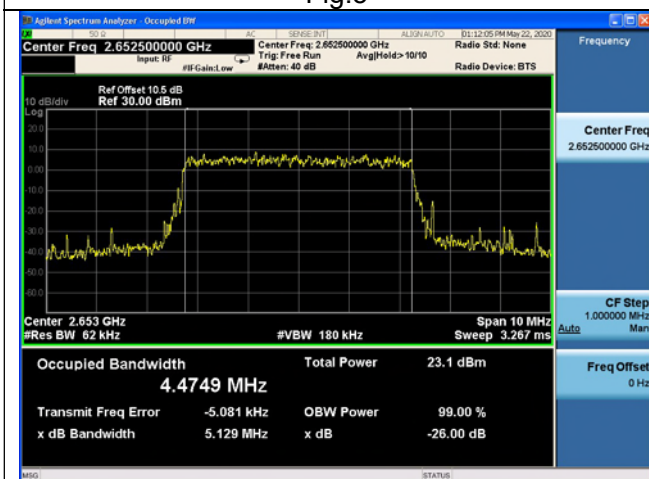


Fig.7

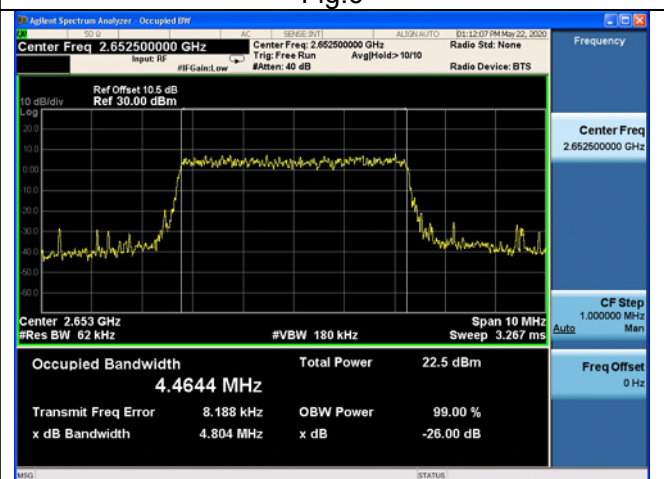


Fig.8

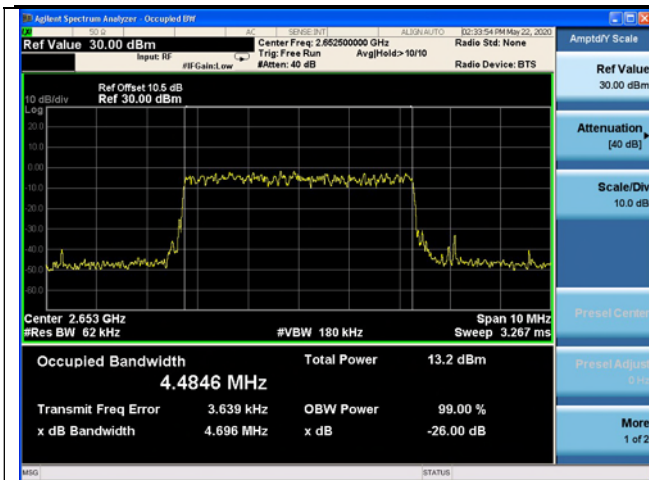


Fig.9

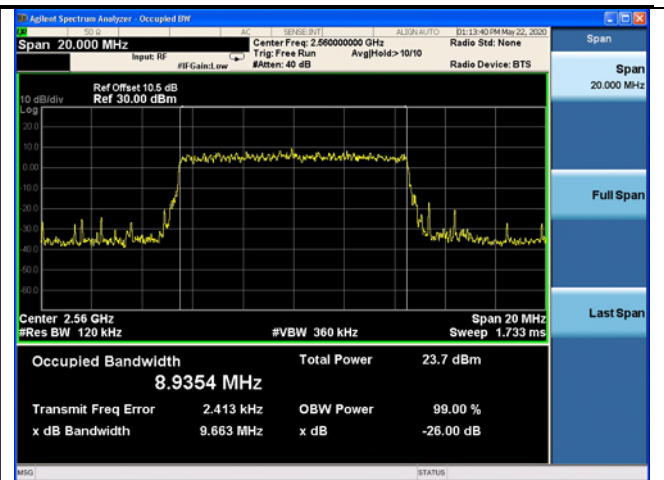


Fig.10

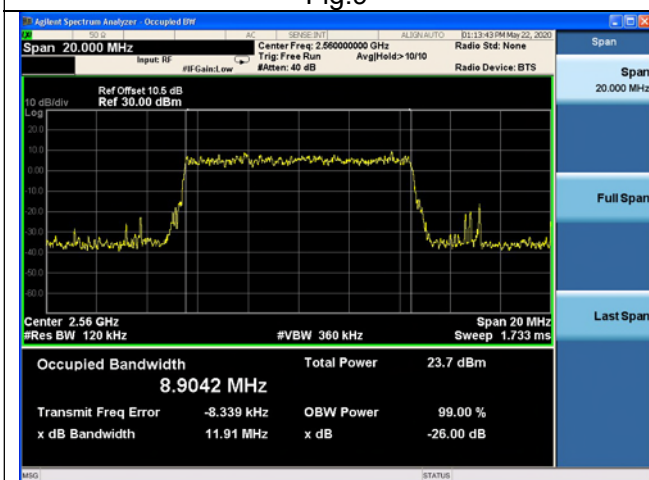


Fig.11

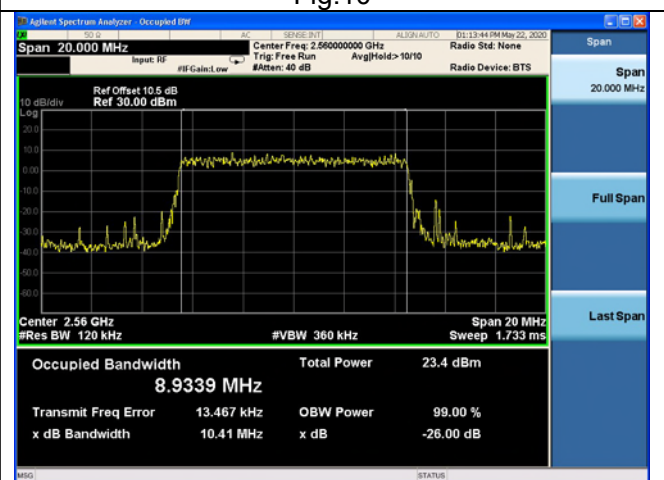


Fig.12

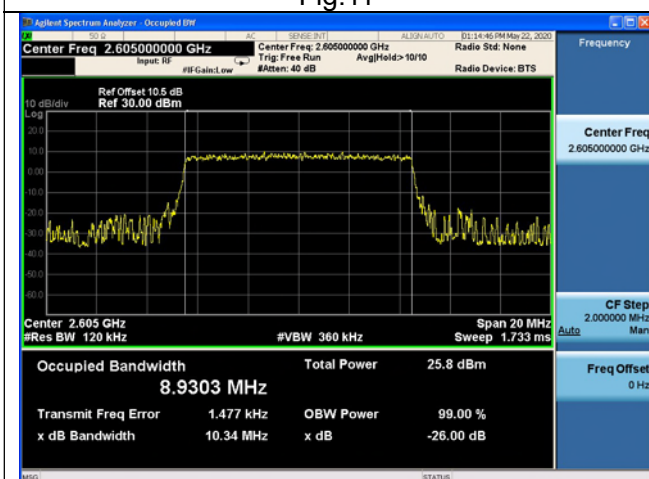


Fig.13

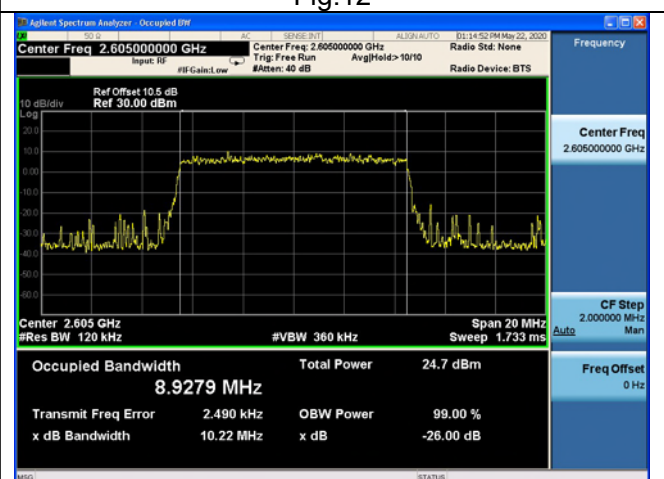


Fig.14

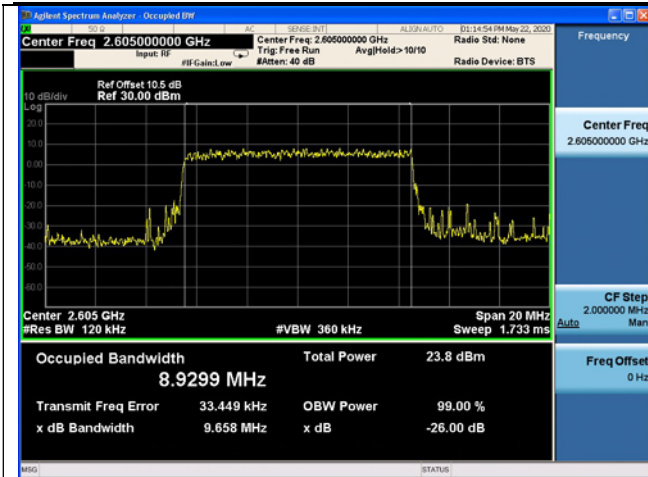


Fig.15

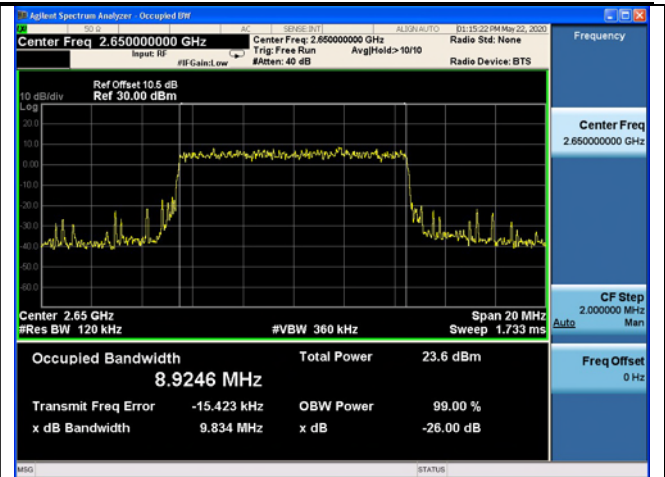


Fig.16

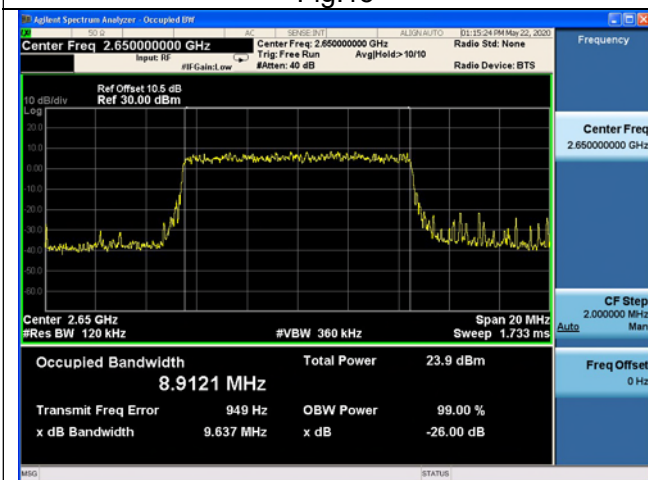


Fig.17

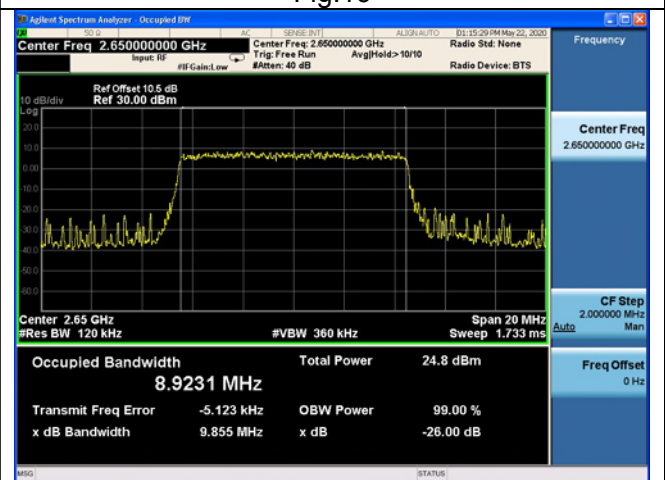


Fig.18

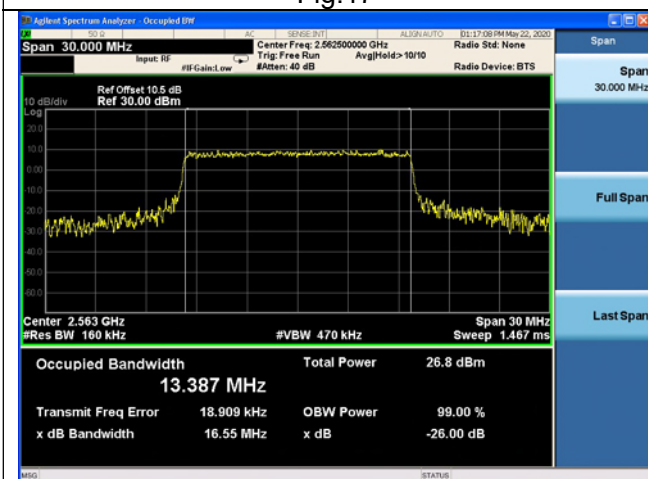


Fig.19

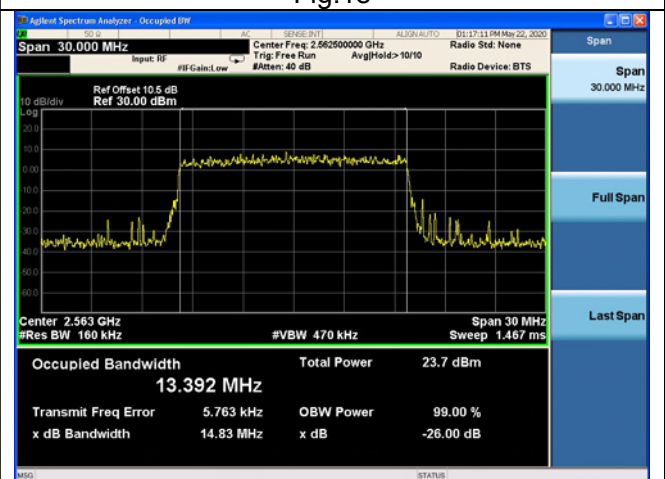


Fig.20

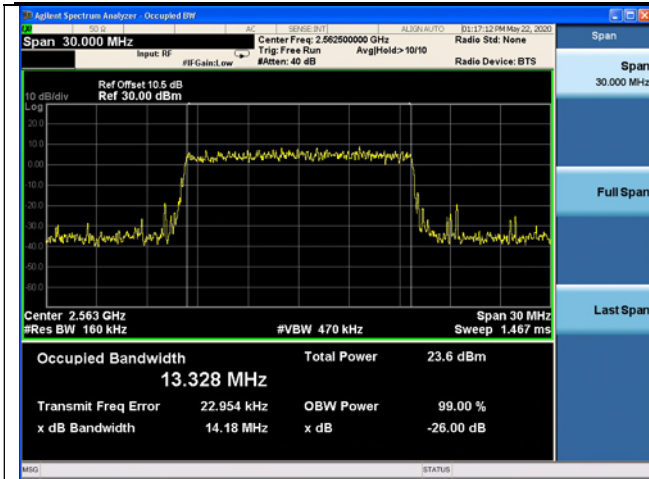


Fig.21

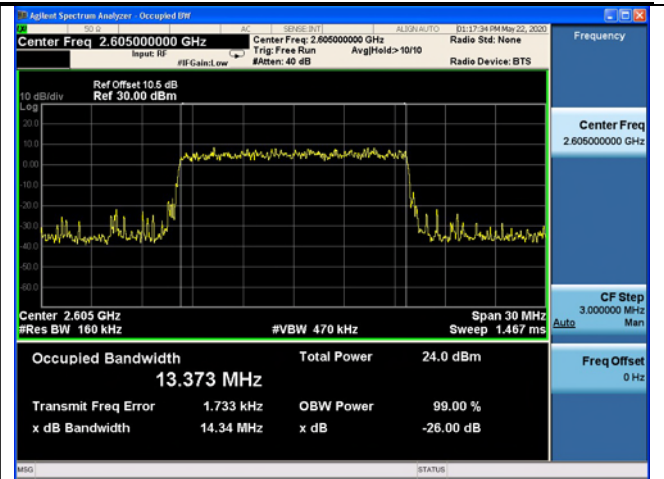


Fig.22

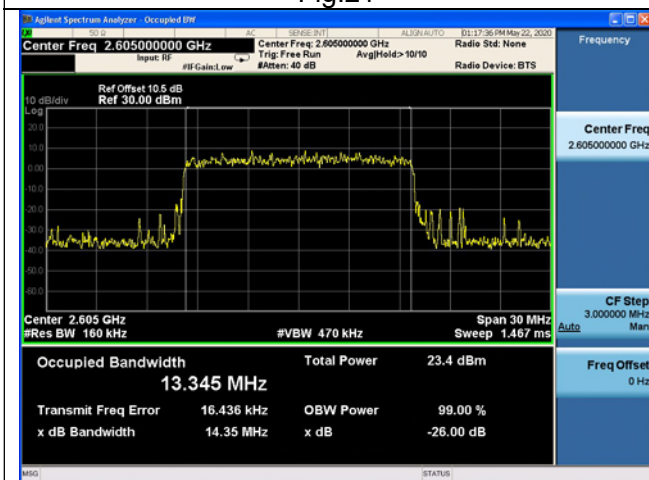


Fig.23

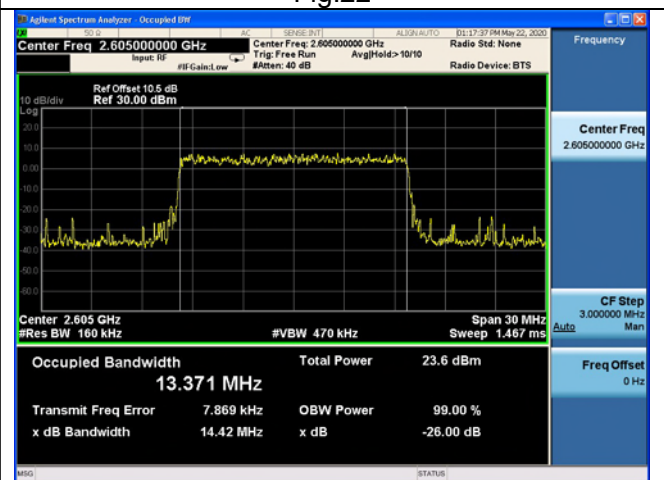


Fig.24

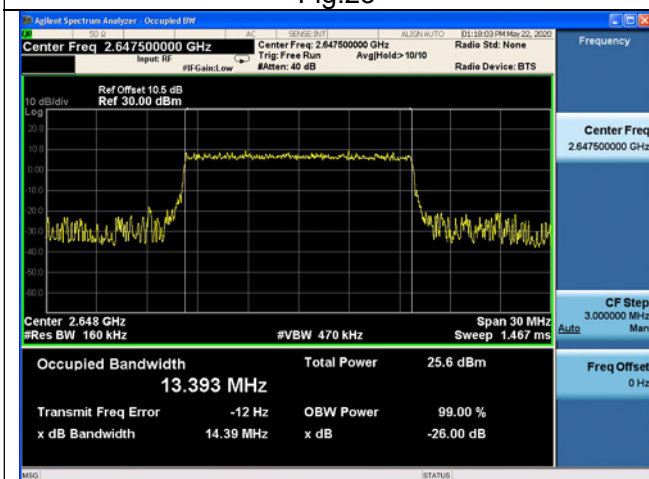


Fig.25

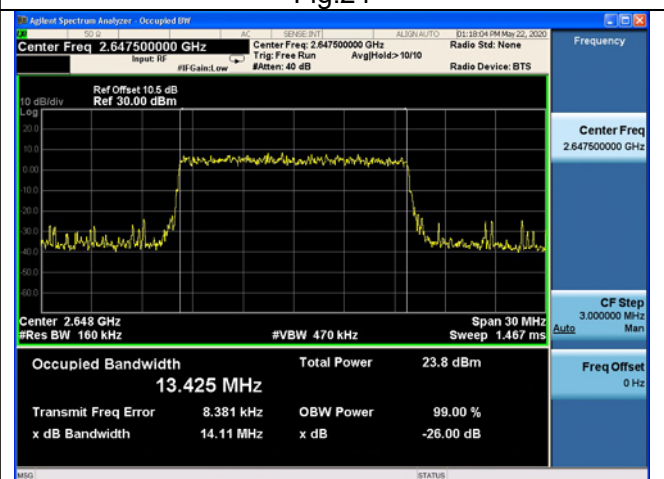


Fig.26