

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 71

#### 1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	665.5	133147	5	1	0	22.71
				1	24	23.38
				12	6	22.04
				25	0	22.32
	680.5	133297		1	0	22.77
				1	24	23.19
				12	6	22.09
				25	0	22.37
	695.5	133447		1	0	23.27
				1	24	23.41
				12	6	22.13
				25	0	22.25
16QAM	665.5	133147	5	1	0	22.46
				1	24	23.15
				12	6	21.33
				25	0	21.30
	680.5	133297		1	0	22.41
				1	24	22.63
				12	6	21.27
				25	0	21.52
	695.5	133447		1	0	22.40
				1	24	22.12
				12	6	21.23
				25	0	21.27
64QAM	665.5	133147	5	1	0	22.26
				1	24	22.90
				12	6	21.34
				25	0	21.07
	680.5	133297		1	0	22.38
				1	24	22.60
				12	6	21.20
				25	0	21.29
	695.5	133447		1	0	22.14
				1	24	21.87
				12	6	21.24
				25	0	21.08

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	668	133172	10	1	0	22.87
				1	49	23.58
				24	12	21.91
				50	0	22.20
	680.5	133297		1	0	22.90
				1	49	23.23
				24	12	22.11
				50	0	22.43
	693	133422		1	0	23.42
				1	49	23.35
				24	12	22.12
				50	0	22.37
16QAM	668	133172	10	1	0	22.52
				1	49	23.08
				24	12	21.45
				50	0	21.10
	680.5	133297		1	0	22.35
				1	49	22.72
				24	12	21.28
				50	0	21.31
	693	133422		1	0	22.19
				1	49	22.26
				24	12	21.18
				50	0	21.35
64QAM	668	133172	10	1	0	22.16
				1	49	22.76
				24	12	21.09
				50	0	21.11
	680.5	133297		1	0	22.23
				1	49	22.47
				24	12	20.99
				50	0	21.35
	693	133422		1	0	22.02
				1	49	21.86
				24	12	21.14
				50	0	21.07

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	670.5	133197	15	1	0	22.91
				1	74	23.40
				40	18	21.89
				75	0	22.40
	680.5	133297		1	0	22.92
				1	74	23.24
				40	18	22.18
				75	0	22.38
	690.5	133397		1	0	23.41
				1	74	23.55
				40	18	22.27
				75	0	22.16
16QAM	670.5	133197	15	1	0	22.40
				1	74	22.91
				40	18	21.39
				75	0	21.31
	680.5	133297		1	0	22.54
				1	74	22.67
				40	18	21.27
				75	0	21.41
	690.5	133397		1	0	22.27
				1	74	22.20
				40	18	21.28
				75	0	21.31
64QAM	670.5	133197	15	1	0	22.35
				1	74	22.80
				40	18	21.18
				75	0	20.99
	680.5	133297		1	0	22.24
				1	74	22.47
				40	18	20.98
				75	0	21.24
	690.5	133397		1	0	22.08
				1	74	21.90
				40	18	21.07
				75	0	21.05

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	673	133222	20	1	0	23.06
				1	99	23.72
				50	25	22.20
				100	0	22.53
	683	133322		1	0	23.15
				1	99	23.48
				50	25	22.45
				100	0	22.65
	688	133372		1	0	23.56
				1	99	23.66
				50	25	22.48
				100	0	22.49
16QAM	673	133222	20	1	0	22.64
				1	99	23.26
				50	25	21.72
				100	0	21.46
	683	133322		1	0	22.72
				1	99	23.01
				50	25	21.55
				100	0	21.67
	688	133372		1	0	22.53
				1	99	22.45
				50	25	21.52
				100	0	21.53
64QAM	673	133222	20	1	0	22.53
				1	99	23.14
				50	25	21.46
				100	0	21.35
	683	133322		1	0	22.57
				1	99	22.78
				50	25	21.31
				100	0	21.50
	688	133372		1	0	22.25
				1	99	22.22
				50	25	21.36
				100	0	21.29

## 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	
71	665.5	133147	5	25	0	4.4590	Fig.1	4.4641	Fig.2	4.4499	Fig.3
	680.5	133297		25	0	4.4558	Fig.4	4.4638	Fig.5	4.4611	Fig.6
	695.5	133447		25	0	4.4688	Fig.7	4.4529	Fig.8	4.4602	Fig.9
	668	133172	10	50	0	8.8700	Fig.10	8.8528	Fig.11	8.8825	Fig.12
	680.5	133297		50	0	8.9006	Fig.13	8.8832	Fig.14	8.9229	Fig.15
	693	133422		50	0	8.9308	Fig.16	8.8994	Fig.17	8.8989	Fig.18
	670.5	133197	15	75	0	13.285	Fig.19	13.330	Fig.20	13.332	Fig.21
	680.5	133297		75	0	13.322	Fig.22	13.299	Fig.23	13.354	Fig.24
	690.5	133397		75	0	13.383	Fig.25	13.412	Fig.26	13.410	Fig.27
	673	133222	20	100	0	17.729	Fig.28	17.754	Fig.29	17.692	Fig.30
	683	133322		100	0	17.794	Fig.31	17.796	Fig.32	17.809	Fig.33
	688	133372		100	0	17.783	Fig.34	17.805	Fig.35	17.762	Fig.36

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
71	665.5	133147	5	25	0	4.667	Fig.1	4.699	Fig.2	4.701	Fig.3
	680.5	133297		25	0	4.698	Fig.4	4.726	Fig.5	4.771	Fig.6
	695.5	133447		25	0	4.748	Fig.7	4.757	Fig.8	4.705	Fig.9
	668	133172	10	50	0	9.252	Fig.10	9.291	Fig.11	9.380	Fig.12
	680.5	133297		50	0	9.318	Fig.13	9.281	Fig.14	9.284	Fig.15
	693	133422		50	0	9.412	Fig.16	9.341	Fig.17	9.331	Fig.18
	670.5	133197	15	75	0	13.88	Fig.19	13.92	Fig.20	13.90	Fig.21
	680.5	133297		75	0	14.02	Fig.22	13.87	Fig.23	13.90	Fig.24
	690.5	133397		75	0	13.91	Fig.25	13.94	Fig.26	13.91	Fig.27
	673	133222	20	100	0	18.53	Fig.28	18.50	Fig.29	18.52	Fig.30
	683	133322		100	0	18.53	Fig.31	18.58	Fig.32	18.52	Fig.33
	688	133372		100	0	18.51	Fig.34	18.59	Fig.35	18.49	Fig.36

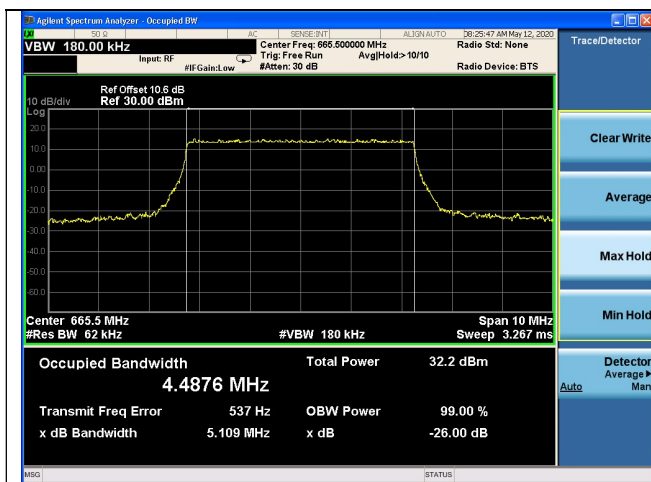


Fig.1

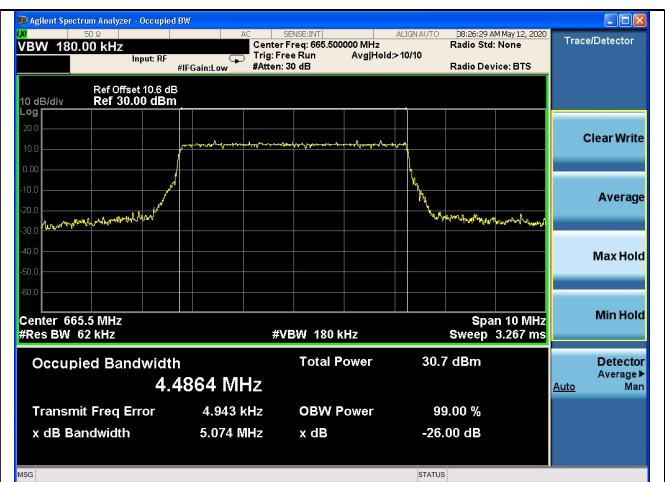


Fig.2

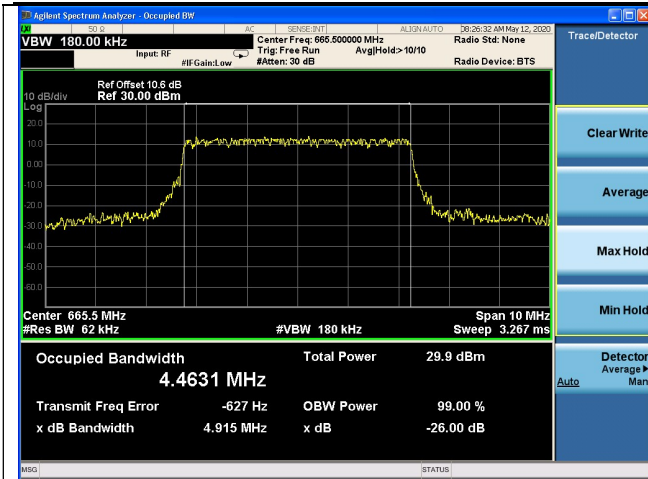


Fig.3

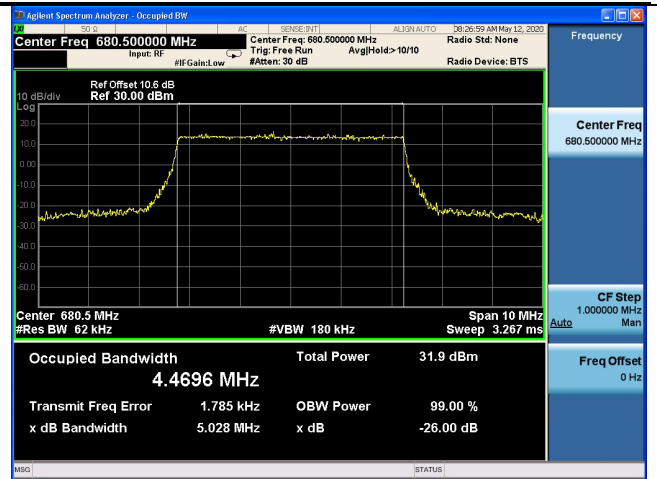


Fig.4

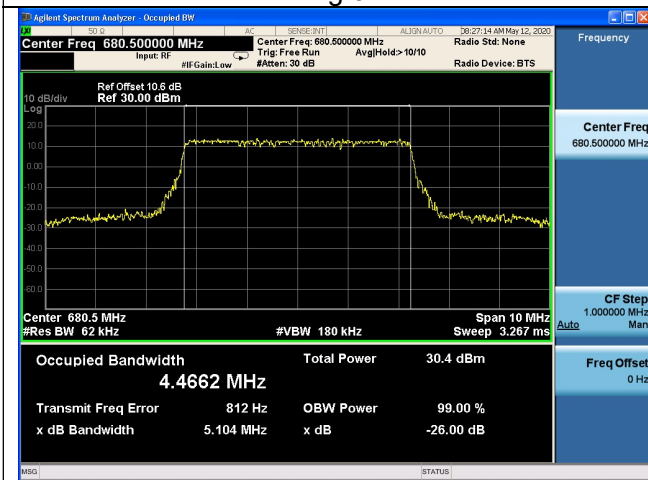


Fig.5

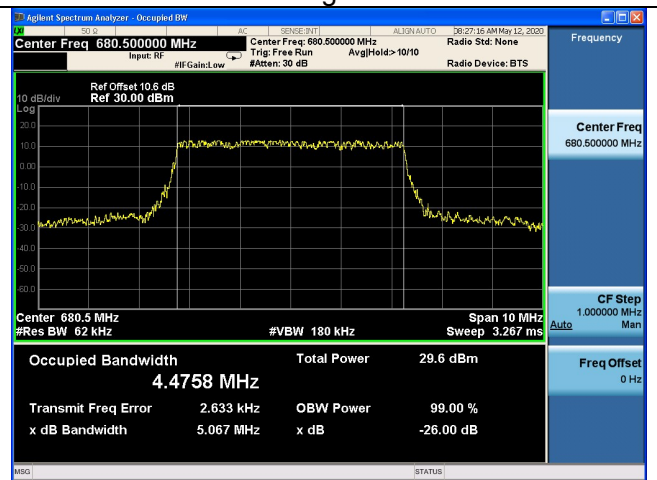


Fig.6

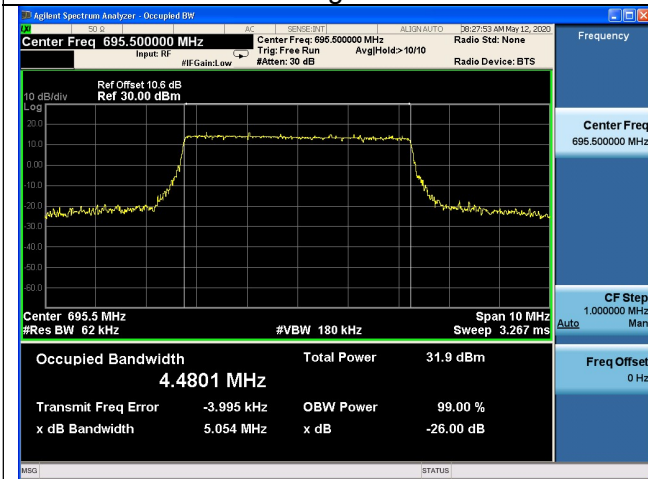


Fig.7

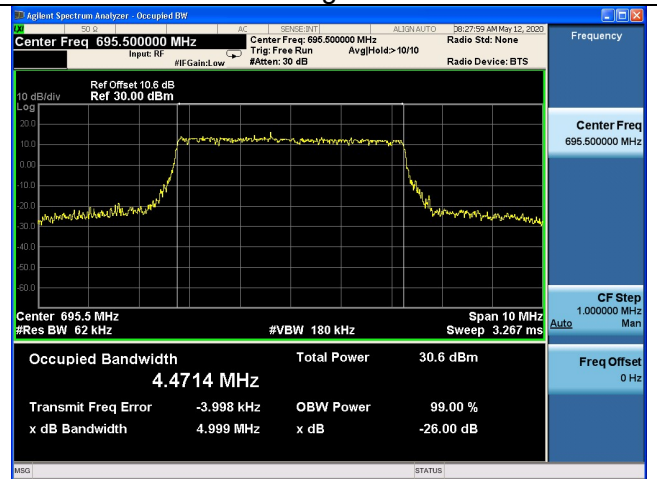


Fig.8

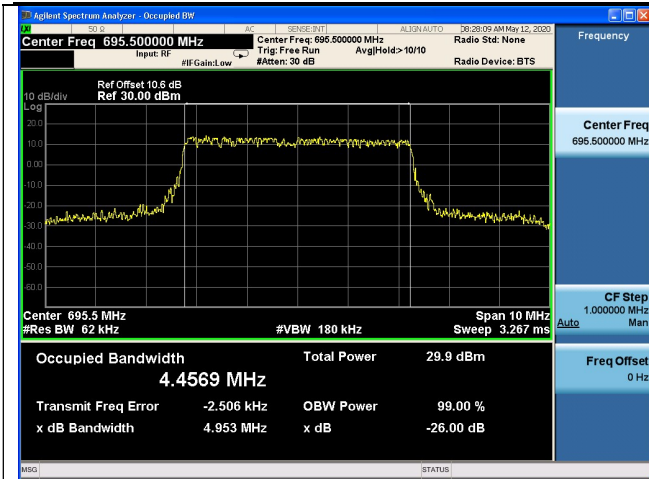


Fig.9

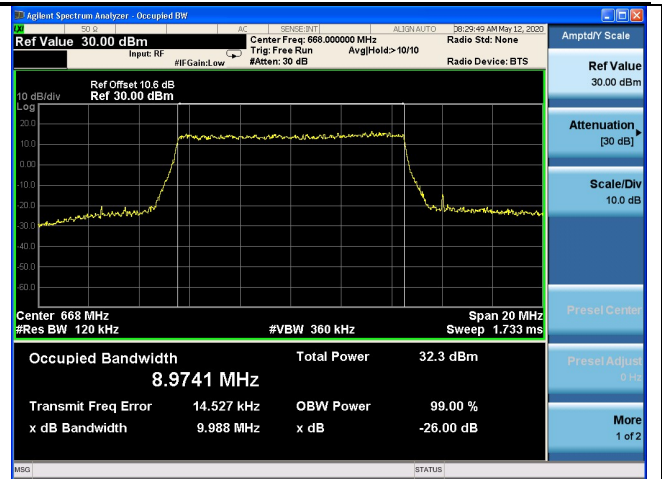


Fig.10

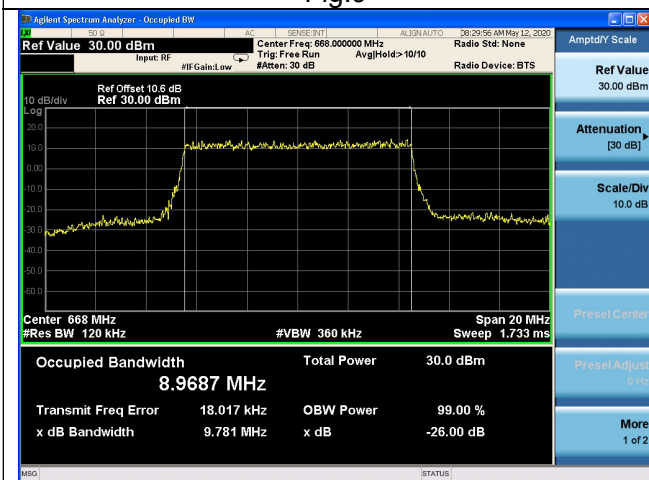


Fig.11

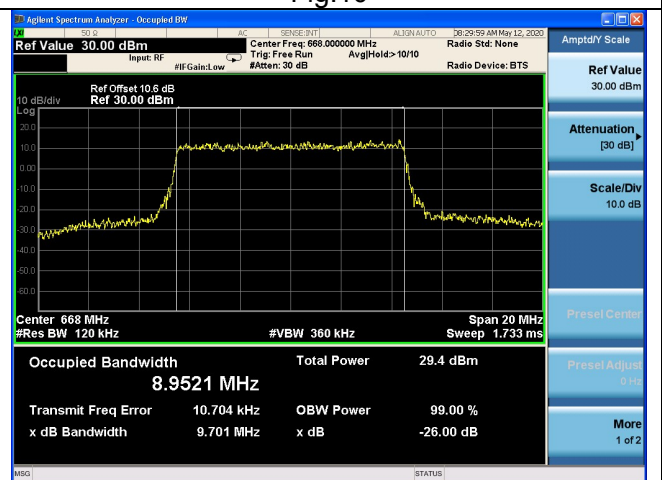


Fig.12

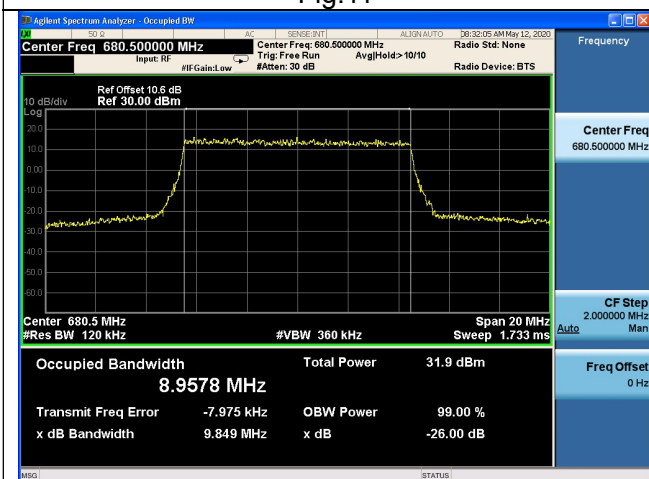


Fig.13

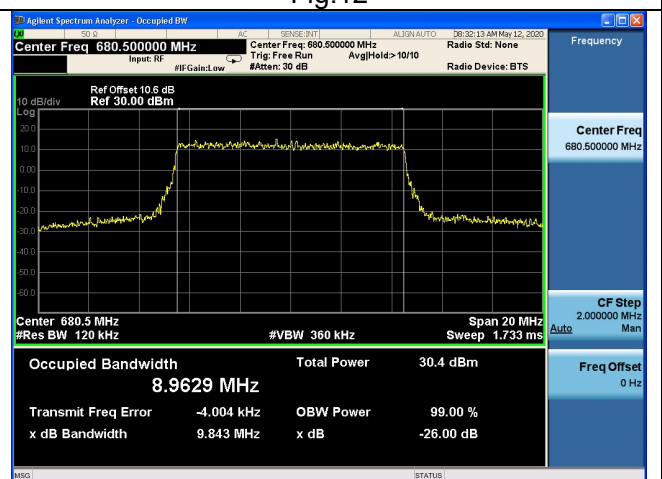


Fig.14

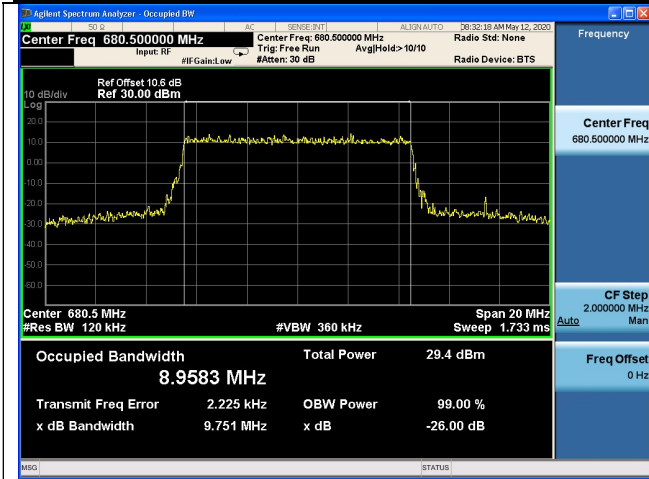


Fig.15

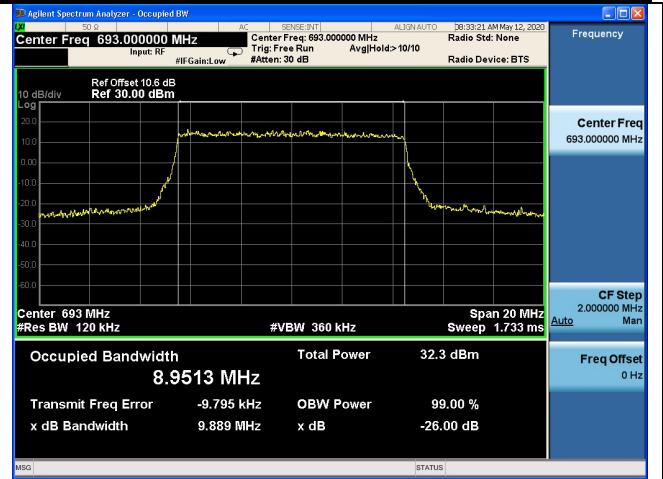


Fig.16

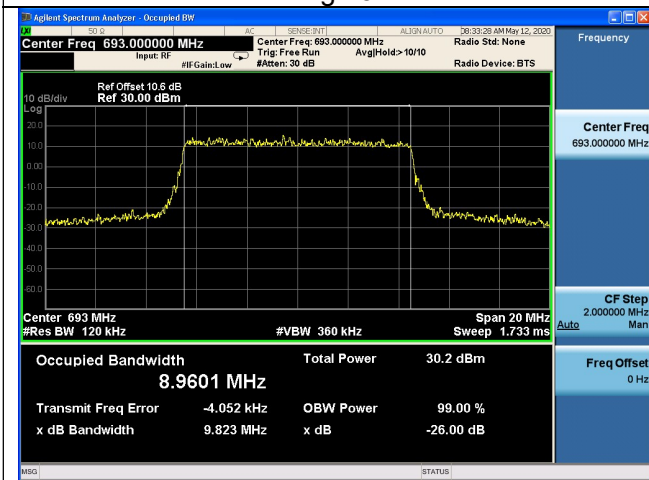


Fig.17

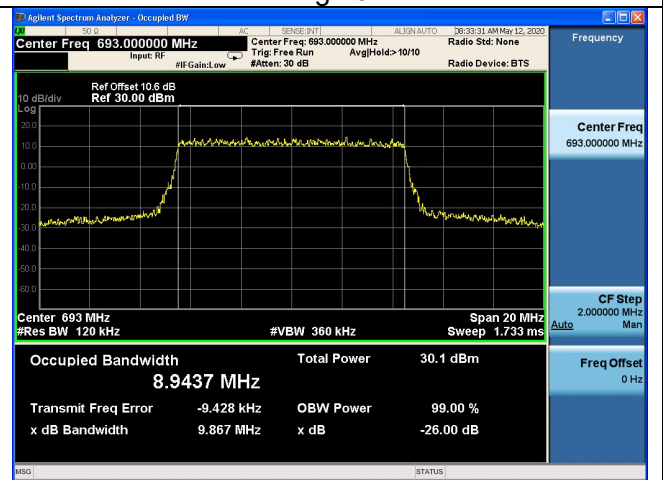


Fig.18

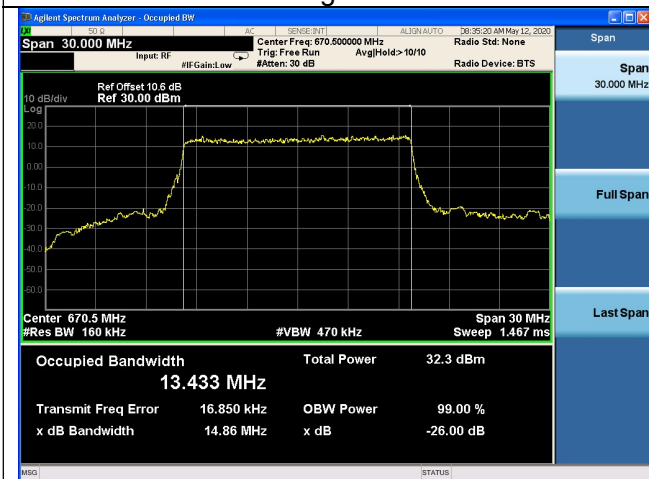


Fig.19



Fig.20