

CHANNEL BANDWIDTH: 3MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
19965	1711.5	2.71	2.69	2.69	3.36	3.02	2.98
20175	1732.5	2.69	2.69	2.68	2.98	2.96	2.97
20385	1753.5	2.70	2.69	2.69	3.32	2.95	2.98



CHANNEL BANDWIDTH: 5MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
19975	1712.5	4.49	4.48	4.49	6.55	6.10	6.30
20175	1732.5	4.48	4.47	4.47	4.97	4.86	4.94
20375	1752.5	4.47	4.48	4.48	5.02	5.17	4.94



CHANNEL BANDWIDTH: 10MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20000	1715	9.00	8.99	8.98	12.89	13.36	12.35
20175	1732.5	8.96	8.94	8.95	9.76	9.61	9.68
20350	1750	8.98	8.96	8.96	12.47	10.67	10.74



CHANNEL BANDWIDTH: 15MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20025	1717.5	13.42	13.43	13.44	14.43	14.48	14.49
20175	1732.5	13.40	13.44	13.42	14.48	14.31	14.34
20325	1747.5	13.41	13.41	13.42	14.52	14.46	14.38

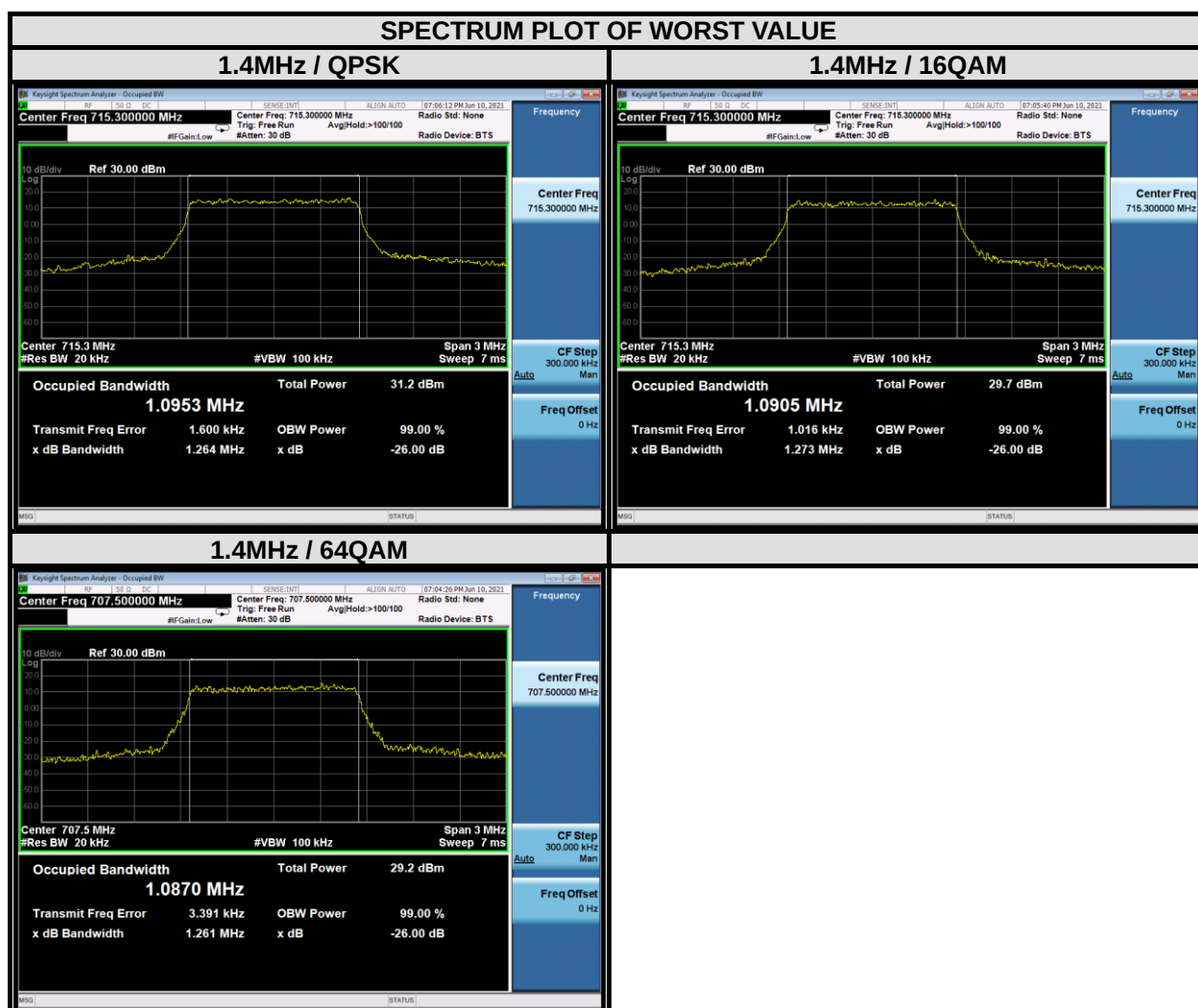


CHANNEL BANDWIDTH: 20MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20050	1720	17.86	17.83	17.80	19.30	19.15	19.05
20175	1732.5	17.87	17.92	17.87	19.02	19.18	19.06
20300	1745	17.93	17.92	17.89	19.19	19.13	19.19

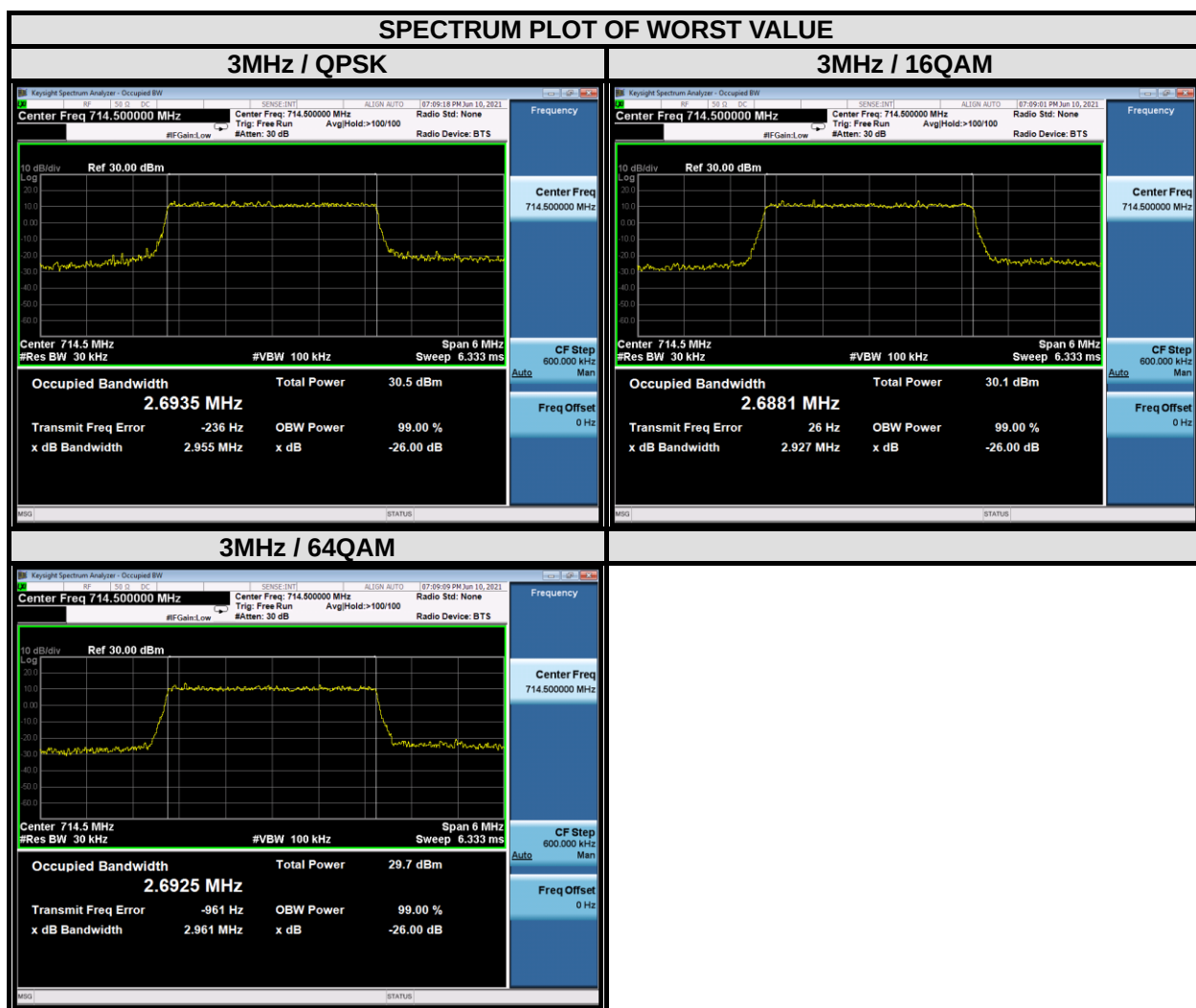


LTE BAND 12

CHANNEL BANDWIDTH: 1.4MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23017	699.7	1.09	1.08	1.09	1.259	1.238	1.25
23095	707.5	1.08	1.09	1.09	1.256	1.289	1.26
23173	715.3	1.10	1.09	1.09	1.264	1.273	1.27



CHANNEL BANDWIDTH: 3MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23025	700.5	2.69	2.68	2.68	2.91	2.93	2.92
23095	707.5	2.68	2.68	2.68	2.90	2.91	2.92
23165	714.5	2.69	2.69	2.69	2.96	2.93	2.96



CHANNEL BANDWIDTH: 5MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23035	701.5	4.48	4.49	4.48	4.86	4.89	4.88
23095	707.5	4.48	4.46	4.45	4.88	4.89	4.91
23155	713.5	4.48	4.49	4.48	4.90	4.94	4.92



CHANNEL BANDWIDTH: 10MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23060	704	9.03	9.01	9.03	9.84	9.82	9.78
23095	707.5	8.96	8.90	8.89	9.61	9.52	9.52
23130	711	8.86	8.86	8.87	9.44	9.40	9.52



LTE BAND 13

CHANNEL BANDWIDTH: 5MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23205	779.5	4.47	4.46	4.46	4.87	4.91	4.89
23230	782	4.49	4.48	4.48	4.94	4.88	4.87
23255	784.5	4.47	4.48	4.47	4.92	4.94	4.98



CHANNEL BANDWIDTH: 10MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
-	-	-	-	-	-	-	-
23230	782	8.93	8.93	8.94	9.83	9.71	9.63
-	-	-	-	-	-	-	-

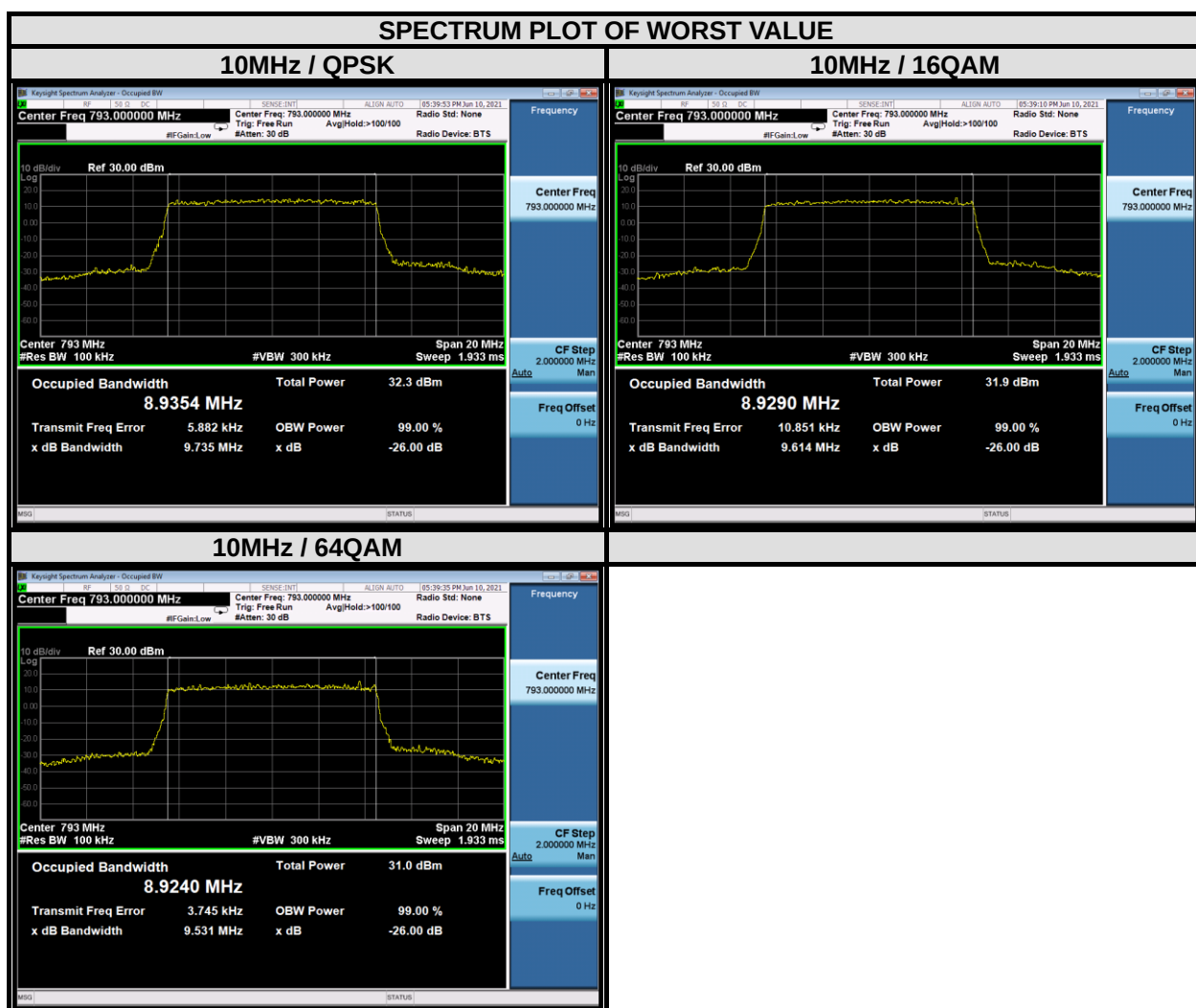


LTE BAND 14

CHANNEL BANDWIDTH: 5MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23305	790.5	4.48	4.48	4.47	4.91	4.91	4.90
23330	793	4.47	4.47	4.47	4.89	4.87	4.87
23355	795.5	4.46	4.47	4.46	4.85	4.92	4.88



CHANNEL BANDWIDTH: 10MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
-	-	-	-	-	-	-	-
23330	793	8.94	8.93	8.92	9.735	9.614	9.53
-	-	-	-	-	-	-	-



LTE BAND 17

CHANNEL BANDWIDTH: 5MHz							
CHANNEL	Frequency (MHz)	99% OCCUPIED Bandwidth (MHz)			26 dB bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
23755	706.5	4.47	4.48	4.47	4.86	4.89	4.87
23790	710	4.47	4.45	4.42	4.89	4.79	4.81
23825	713.5	4.48	4.48	4.48	4.93	4.96	4.91

