B 3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	6	0	1.0779	1.219	PASS
	MCH	6	0	1.0760	1.209	PASS
	HCH	6	0	1.0779	1.221	PASS
16QAM	LCH	6	0	1.0814	1.226	PASS
	MCH	6	0	1.0781	1.210	PASS
	HCH	6	0	1.0789	1.224	PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	15	0	2.6859	2.885	PASS
	MCH	15	0	2.6866	2.865	PASS
	HCH	15	0	2.6828	2.876	PASS
16QAM	LCH	15	0	2.6849	2.880	PASS
	MCH	15	0	2.6828	2.852	PASS
	HCH	15	0	2.6897	2.880	PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	25	0	4.4829	4.807	PASS
	MCH	25	0	4.4788	4.807	PASS
	HCH	25	0	4.4814	4.832	PASS
16QAM	LCH	25	0	4.4880	4.877	PASS
	MCH	25	0	4.4813	4.833	PASS
	HCH	25	0	4.4831	4.809	PASS

Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	50	0	8.9455	9.517	PASS
	MCH	50	0	8.9323	9.432	PASS
	HCH	50	0	8.9428	9.500	PASS
16QAM	LCH	50	0	8.9379	9.479	PASS
	MCH	50	0	8.9297	9.443	PASS
	HCH	50	0	8.9450	9.477	PASS

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	75	0	13.414	14.06	PASS
	MCH	75	0	13.401	14.06	PASS
	HCH	75	0	13.418	14.09	PASS
16QAM	LCH	75	0	13.407	14.01	PASS
	MCH	75	0	13.385	14.05	PASS
	HCH	75	0	13.433	14.22	PASS

Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict
		Size	Offset	(MHz)	(MHz)	
QPSK	LCH	100	0	17.867	18.62	PASS
	MCH	100	0	17.825	18.59	PASS
	HCH	100	0	17.921	18.67	PASS
16QAM	LCH	100	0	17.848	18.57	PASS
	MCH	100	0	17.839	18.56	PASS
	HCH	100	0	17.901	18.61	PASS

Test Graphs

Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0
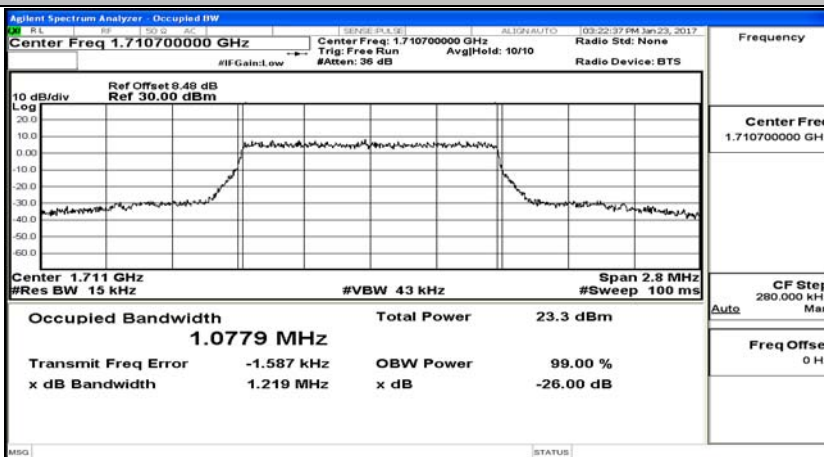
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0
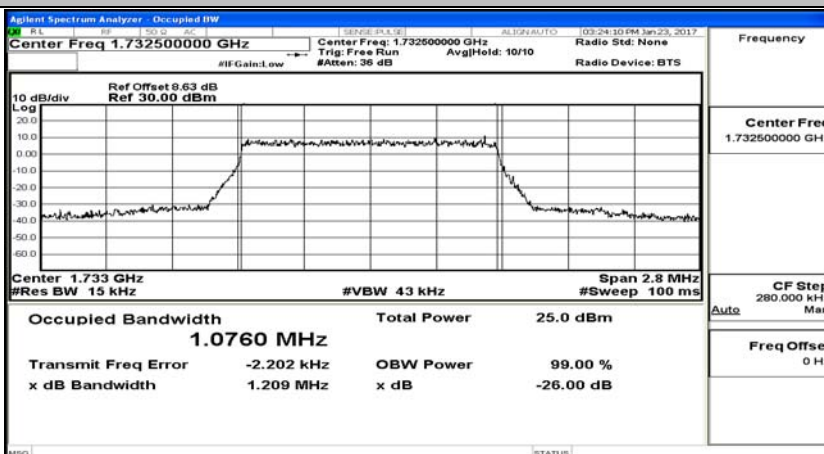
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0
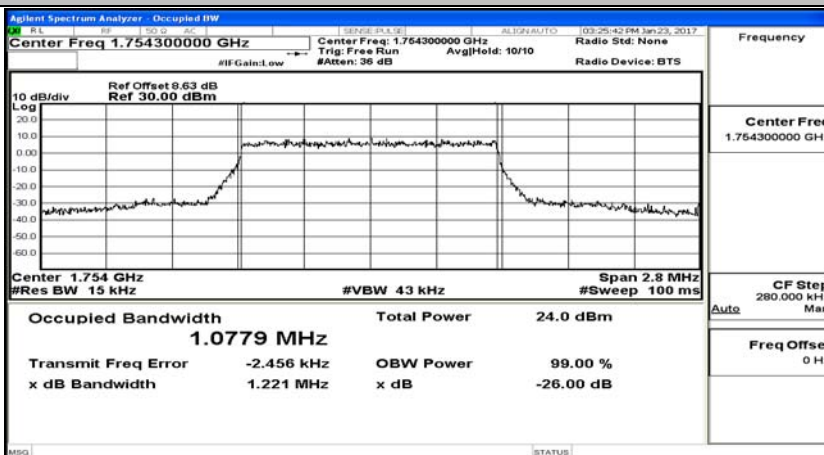
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0

Occupied Bandwidth		Total Power	22.4 dBm
1.0814 MHz			
Transmit Freq Error	-301 Hz	OBW Power	99.00 %
x dB Bandwidth	1.226 MHz	x dB	-26.00 dB
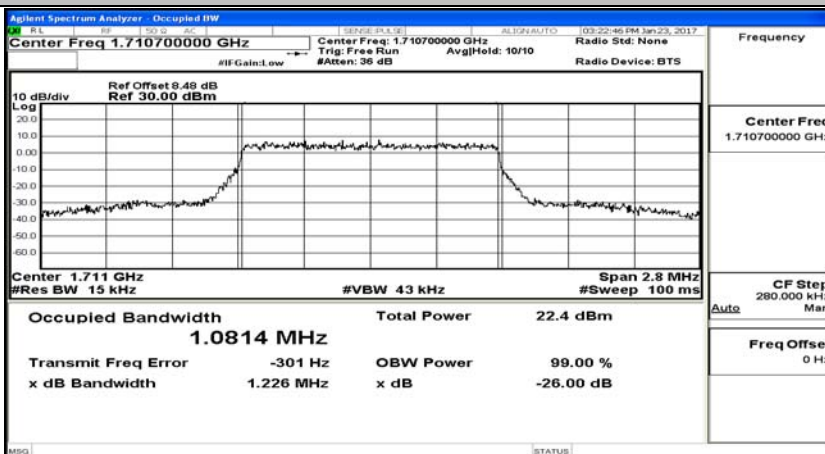
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

Occupied Bandwidth		Total Power	23.9 dBm
1.0781 MHz			
Transmit Freq Error	-664 Hz	OBW Power	99.00 %
x dB Bandwidth	1.210 MHz	x dB	-26.00 dB
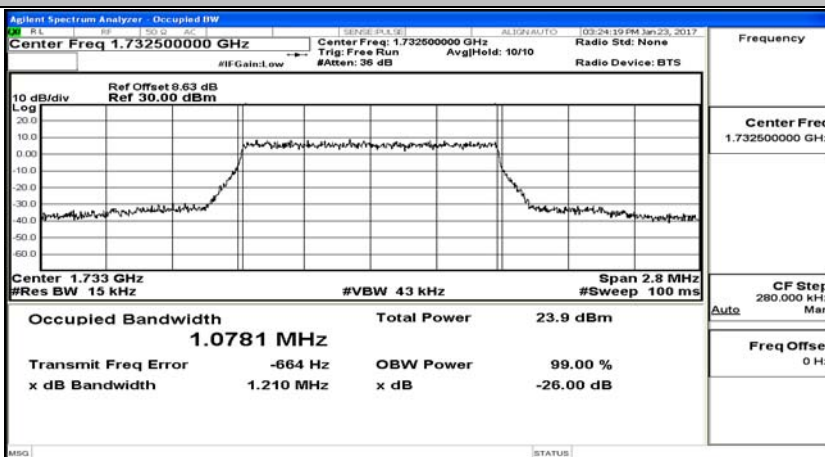
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

Occupied Bandwidth		Total Power	23.2 dBm
1.0789 MHz			
Transmit Freq Error	694 Hz	OBW Power	99.00 %
x dB Bandwidth	1.224 MHz	x dB	-26.00 dB
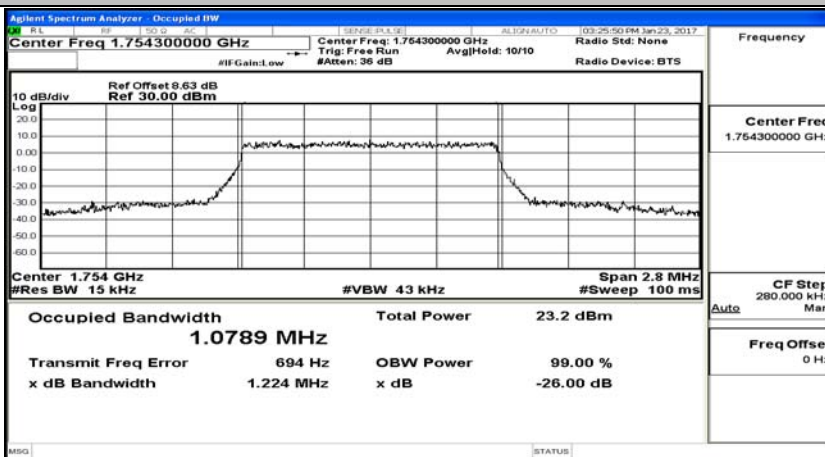
Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0
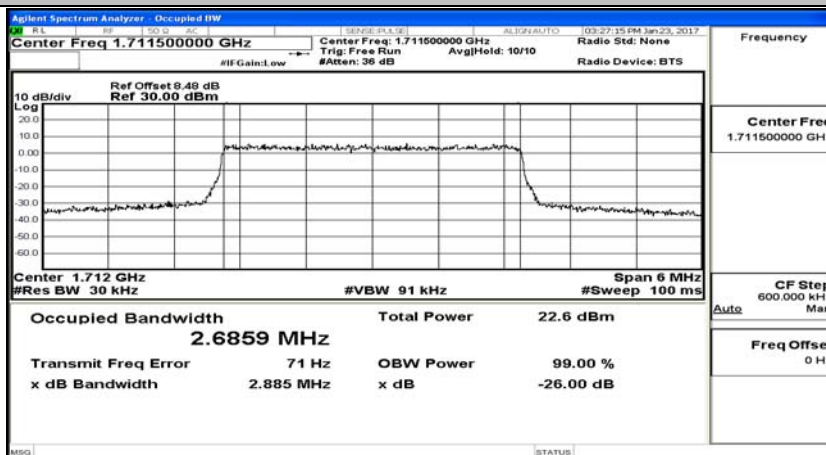
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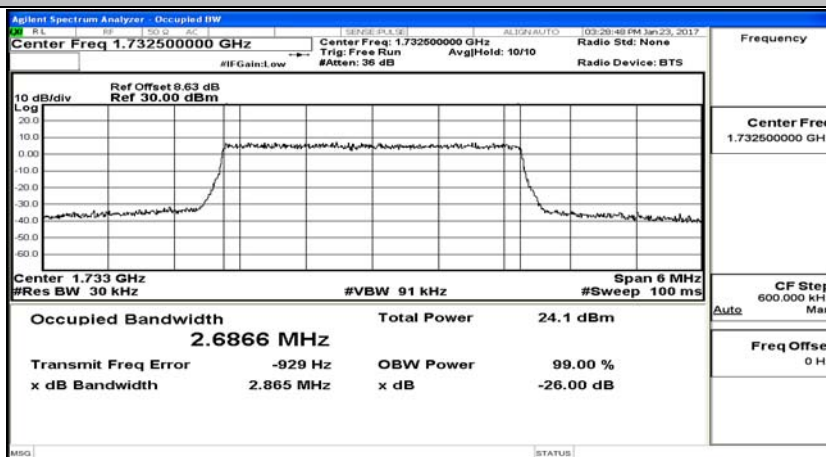
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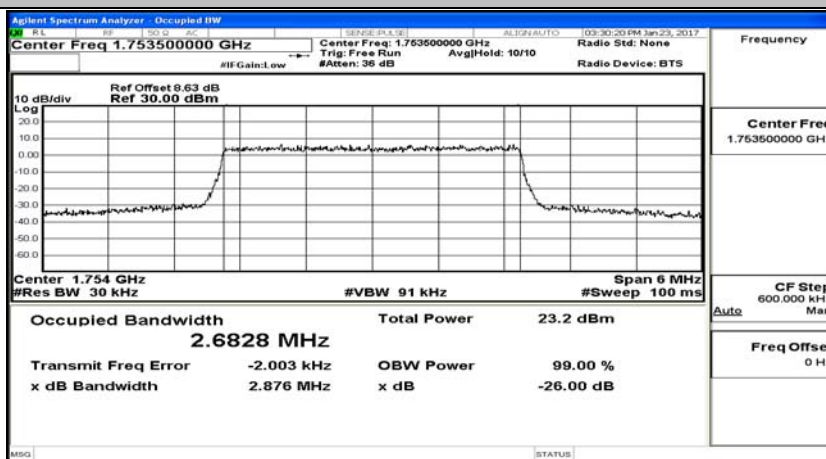
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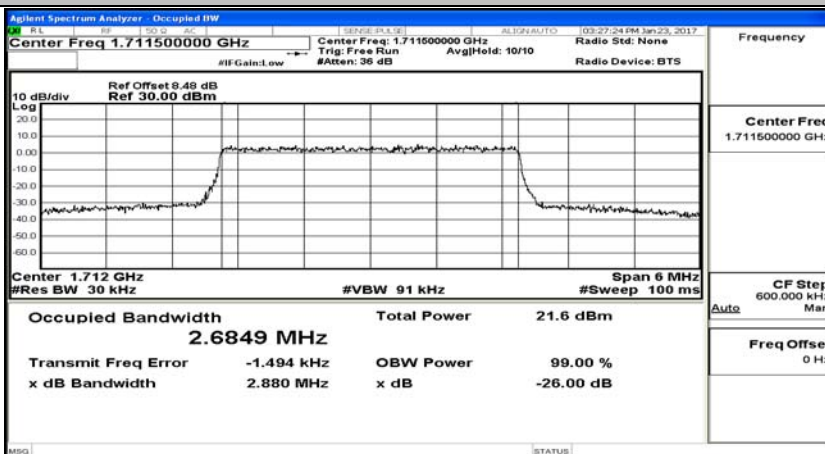
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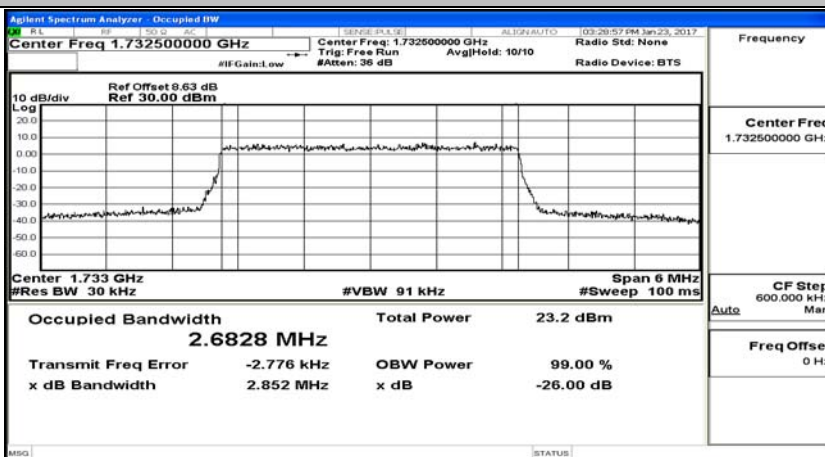
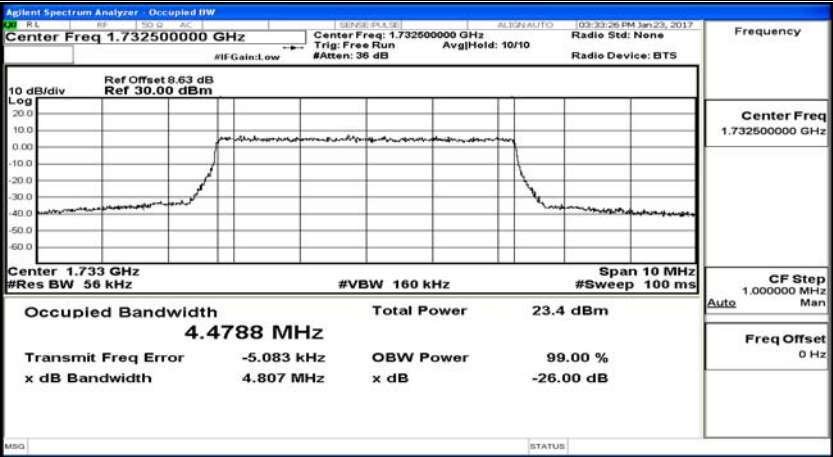| (Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0 |
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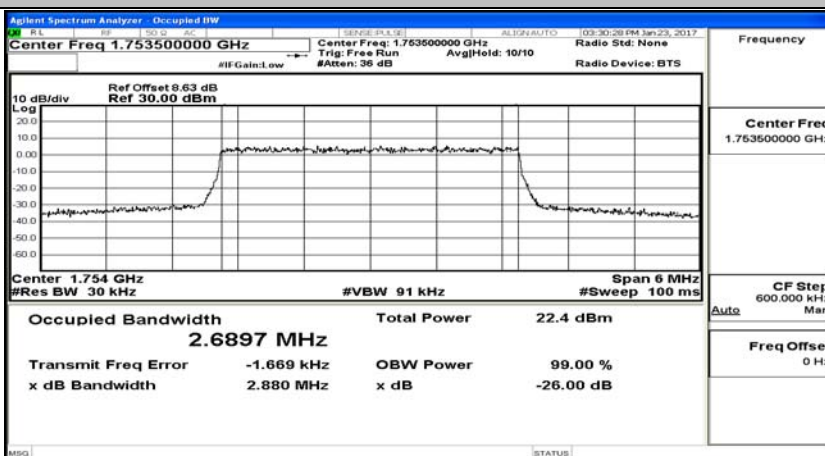
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0
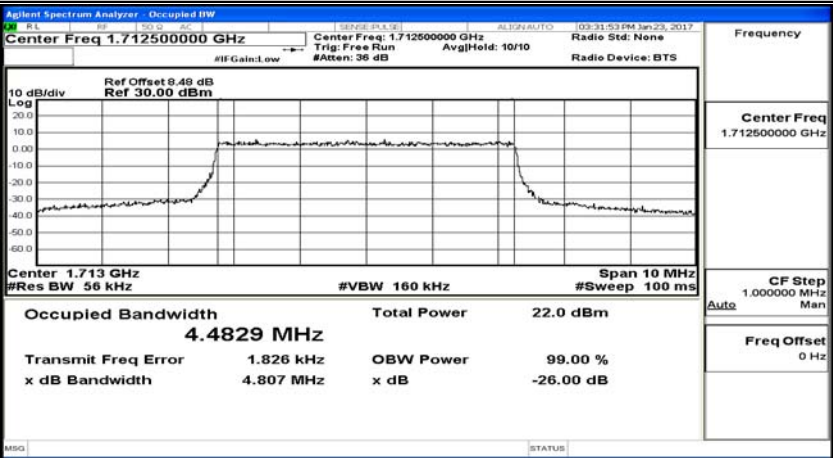
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0
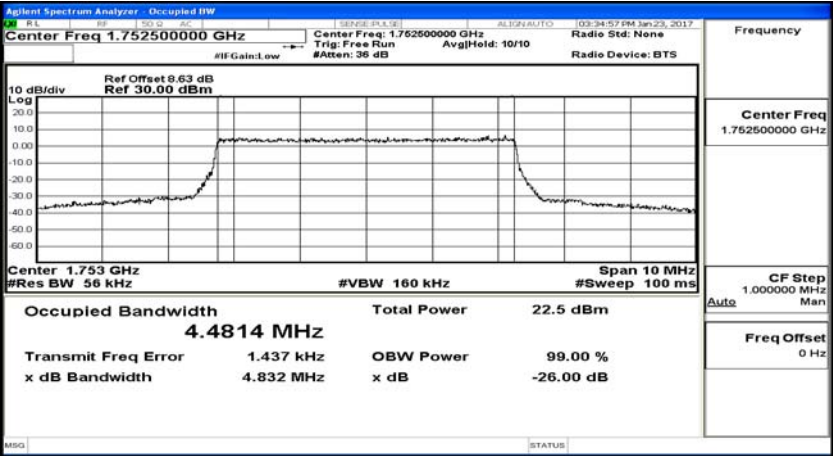
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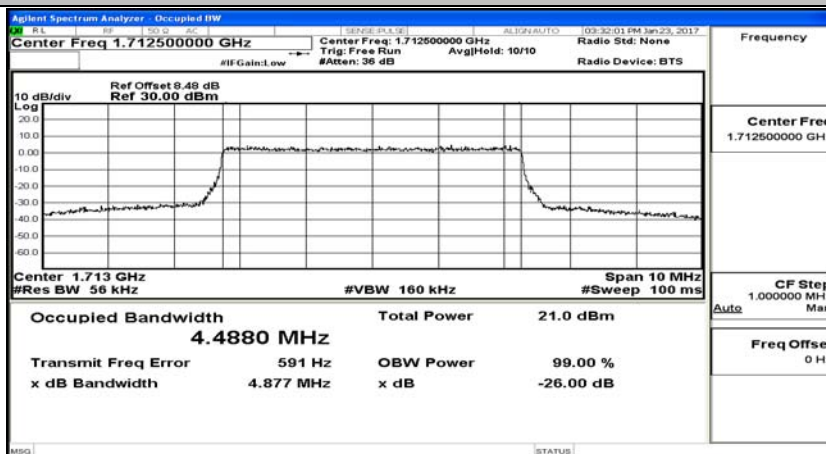
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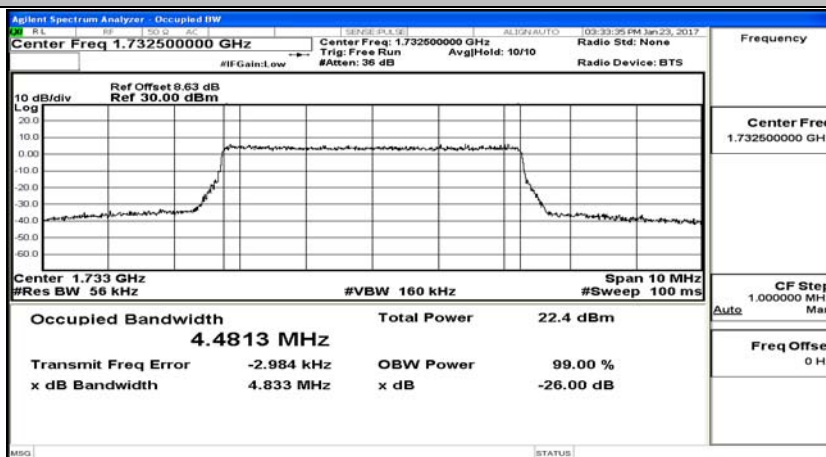
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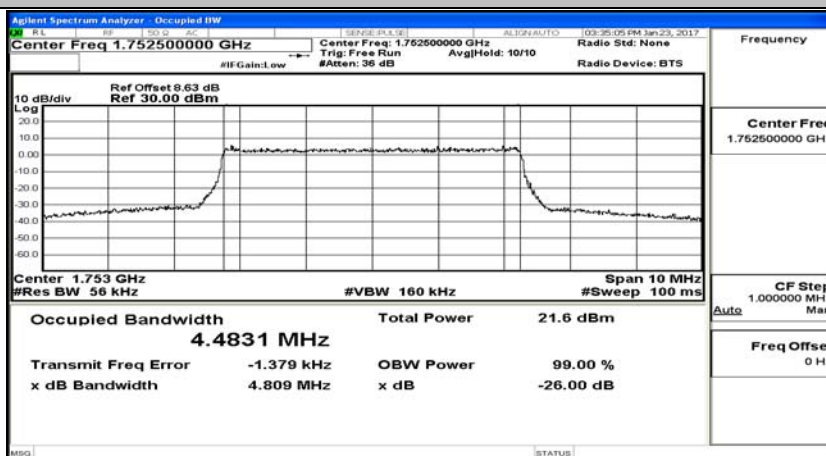
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0
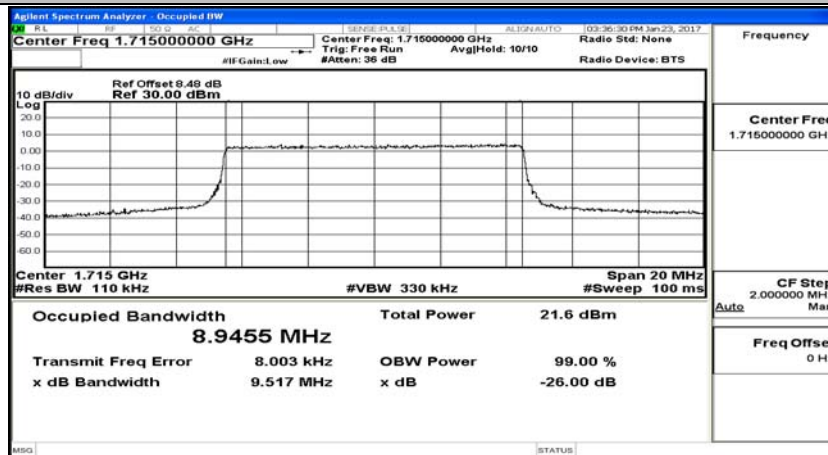
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0
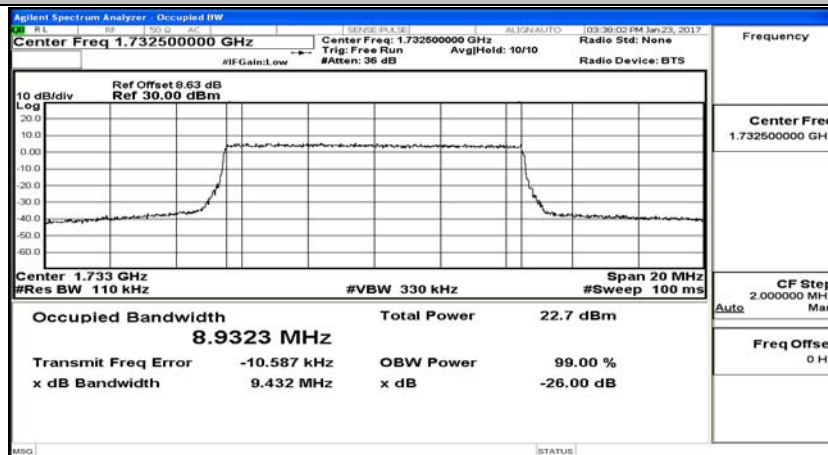
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0
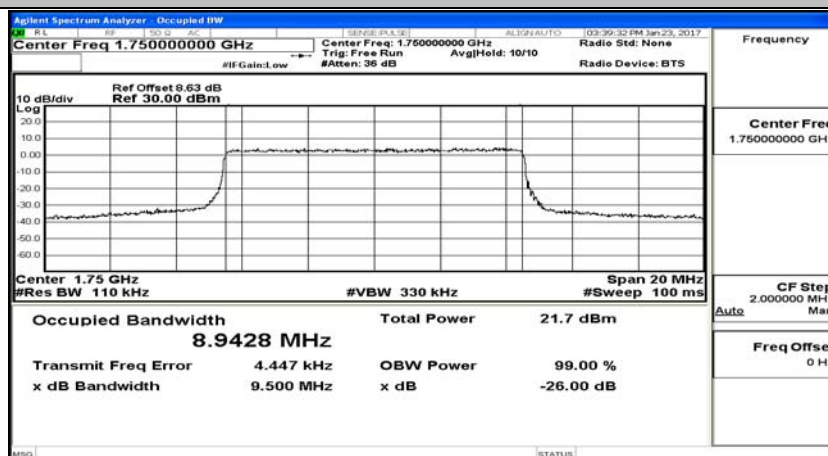
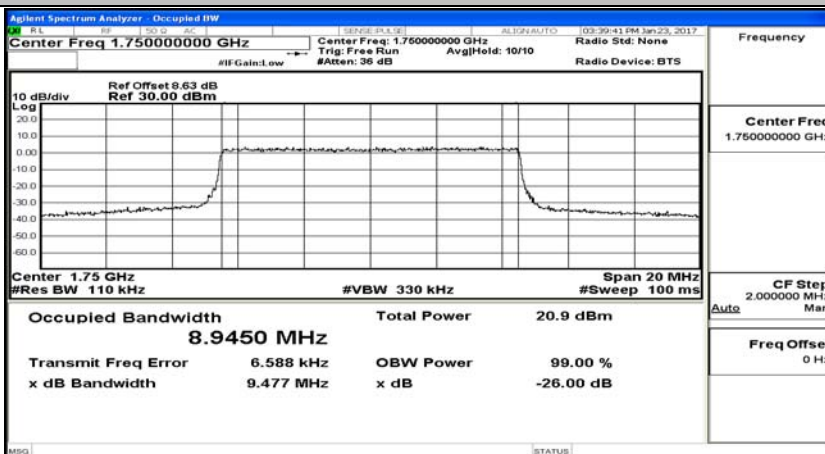| Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0 |
|---|

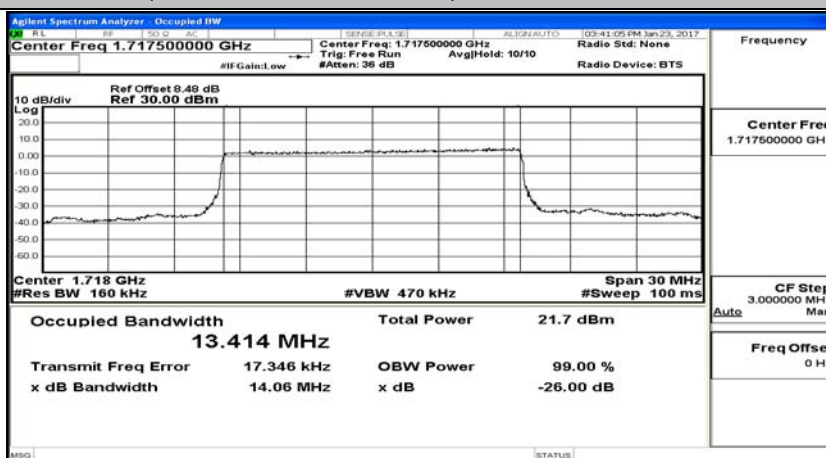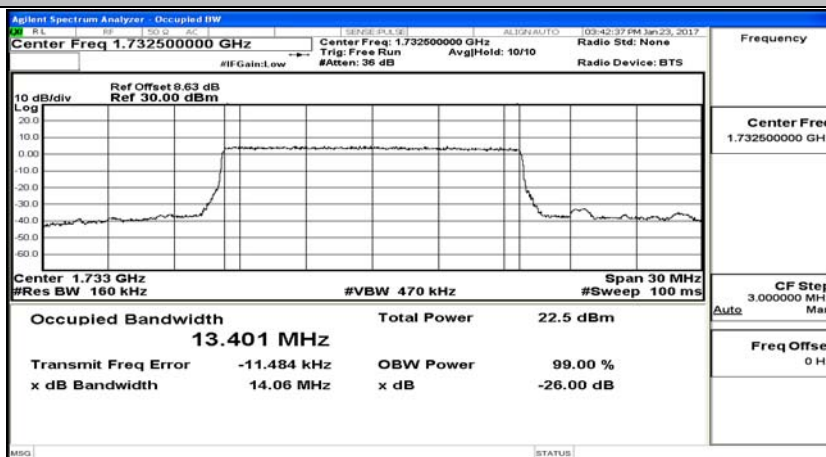| Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0 |
|---|
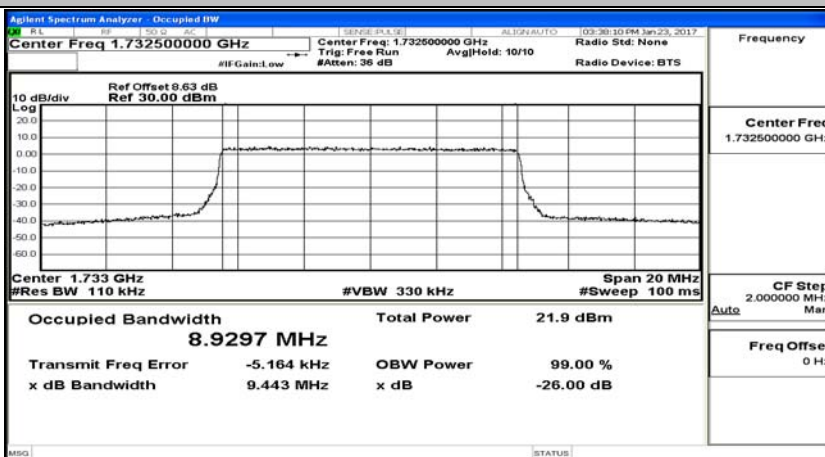
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0

(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0
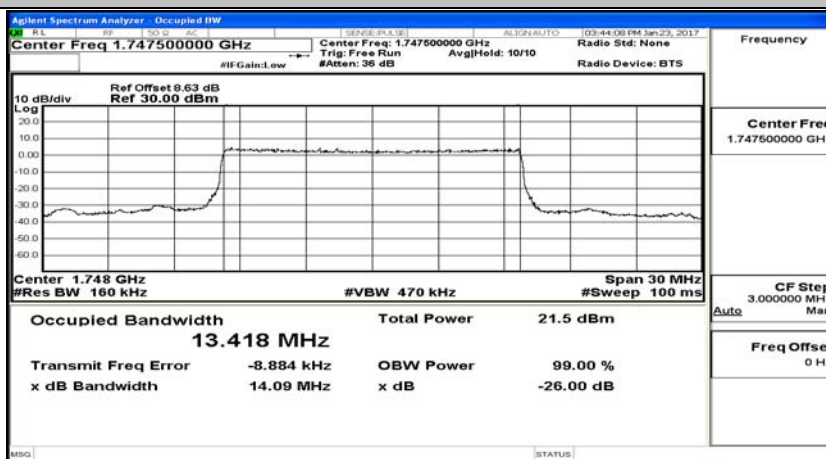
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0

Occupied Bandwidth		Total Power	20.7 dBm
13.407 MHz			
Transmit Freq Error	17.645 kHz	OBW Power	99.00 %
x dB Bandwidth	14.01 MHz	x dB	-26.00 dB
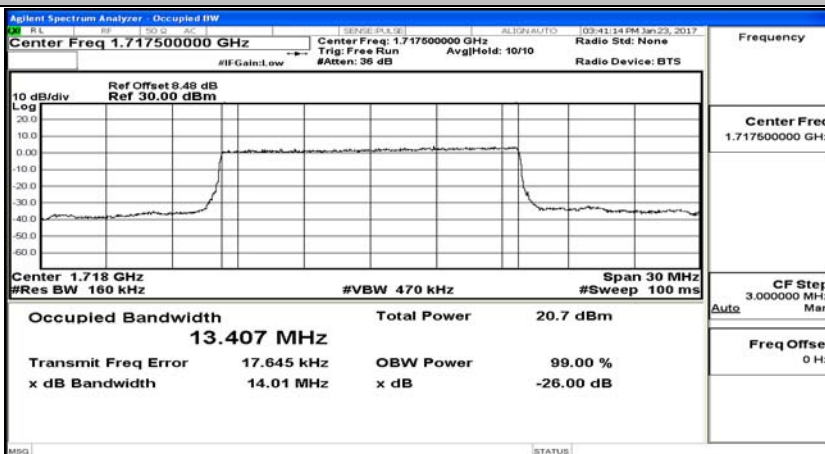
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

Occupied Bandwidth		Total Power	21.4 dBm
13.385 MHz			
Transmit Freq Error	-14.380 kHz	OBW Power	99.00 %
x dB Bandwidth	14.05 MHz	x dB	-26.00 dB
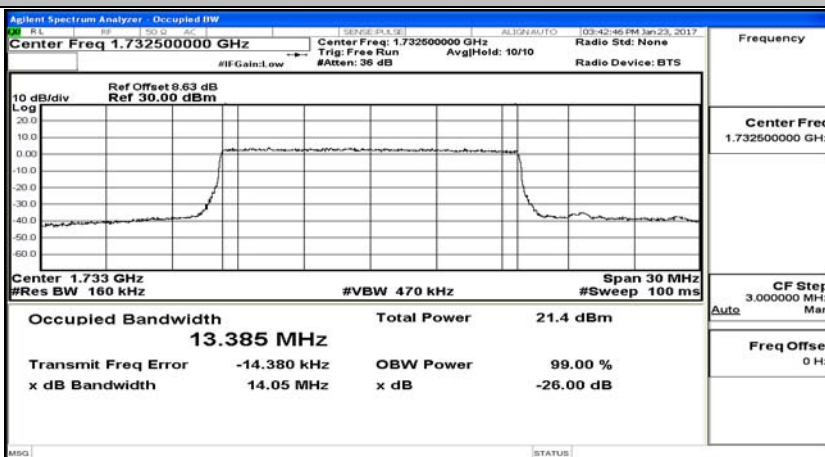
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

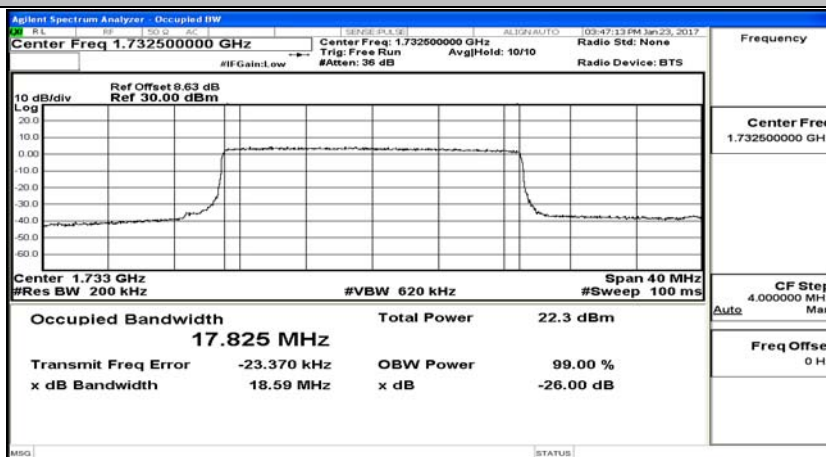| Occupied Bandwidth		Total Power	20.5 dBm
13.433 MHz			
Transmit Freq Error	-5.521 kHz	OBW Power	99.00 %
x dB Bandwidth	14.22 MHz	x dB	-26.00 dB
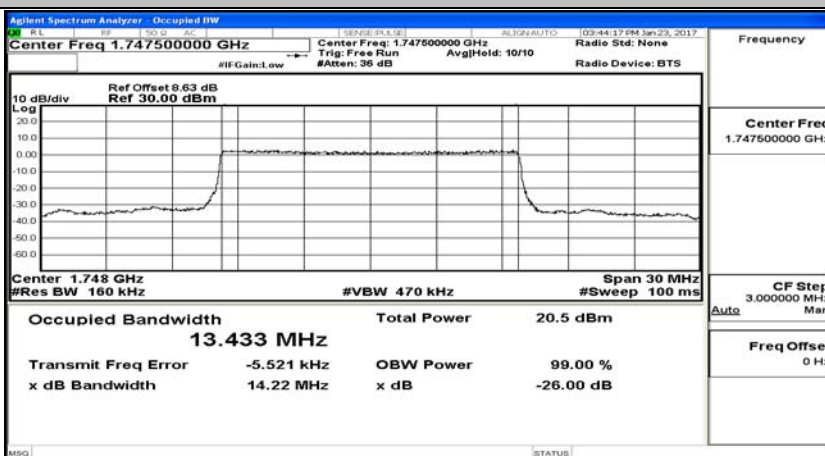
Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0
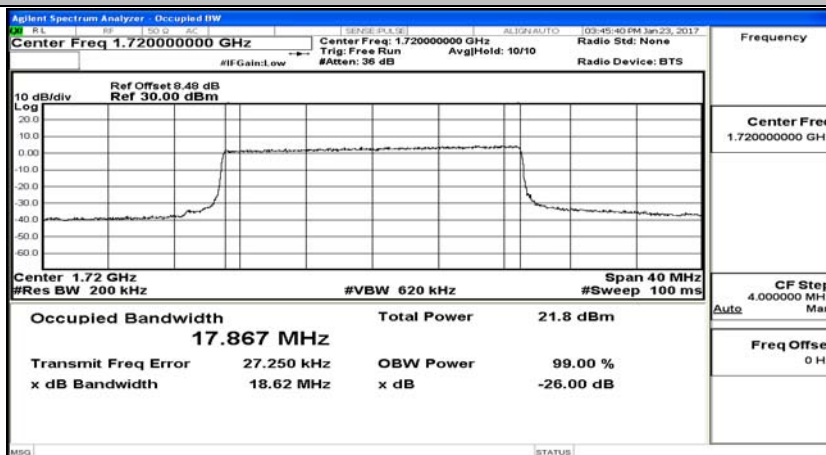
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0

(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0

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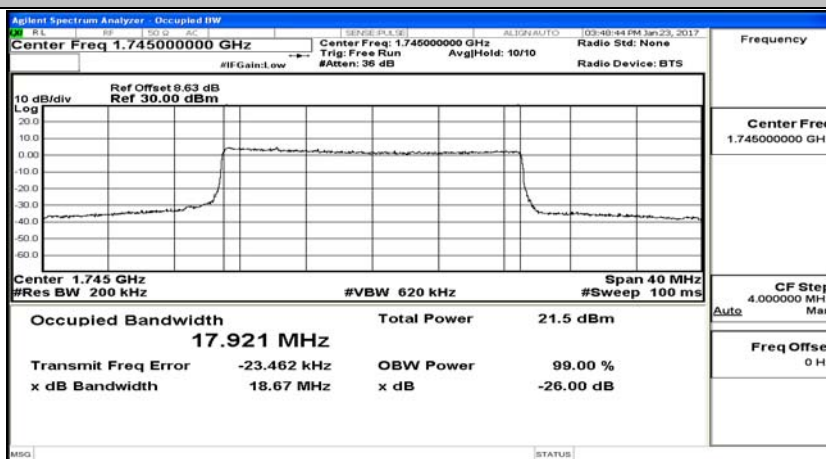
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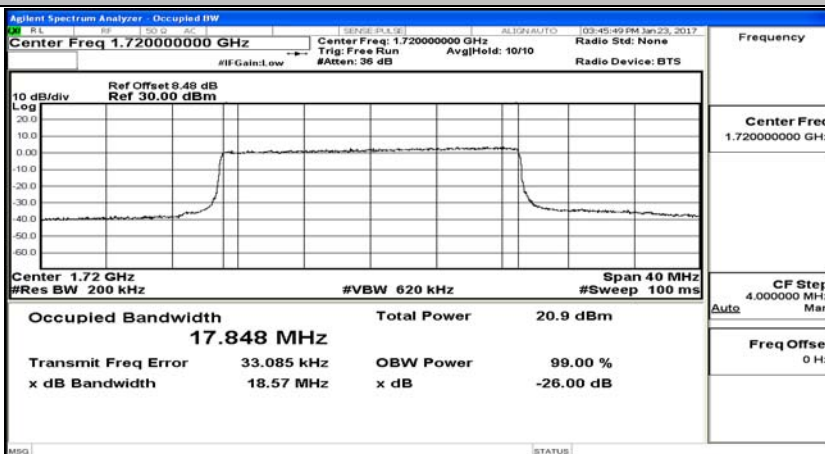
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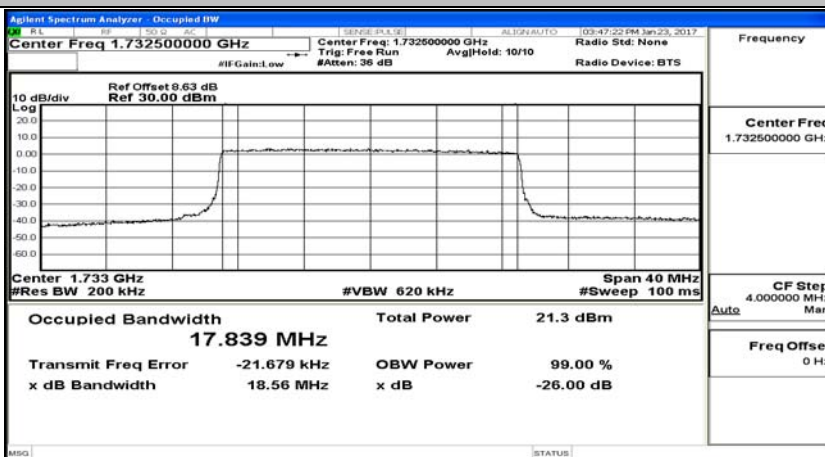
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