

2. PEAK-TO-AVERAGE POWER RATIO

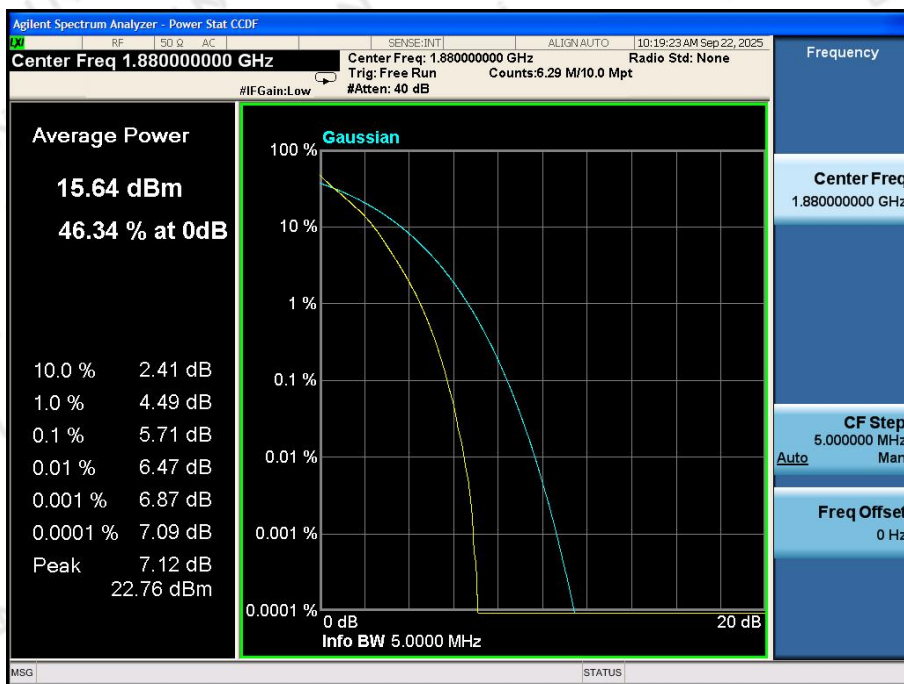
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18900	6RB#0	5.69	13	PASS
Band2	20MHz	16QAM	18900	6RB#0	5.71	13	PASS
Band4	20MHz	QPSK	20175	6RB#0	5.93	13	PASS
Band4	20MHz	16QAM	20175	6RB#0	5.93	13	PASS
Band5	10MHz	QPSK	20525	6RB#0	5.67	13	PASS
Band5	10MHz	16QAM	20525	6RB#0	5.69	13	PASS
Band12	10MHz	QPSK	23095	6RB#0	5.67	13	PASS
Band12	10MHz	16QAM	23095	6RB#0	5.67	13	PASS
Band13	10MHz	QPSK	23230	6RB#0	5.79	13	PASS
Band13	10MHz	16QAM	23230	6RB#0	5.98	13	PASS

Note: All modes have been tested and only the worst mode test data recorded in the test report.

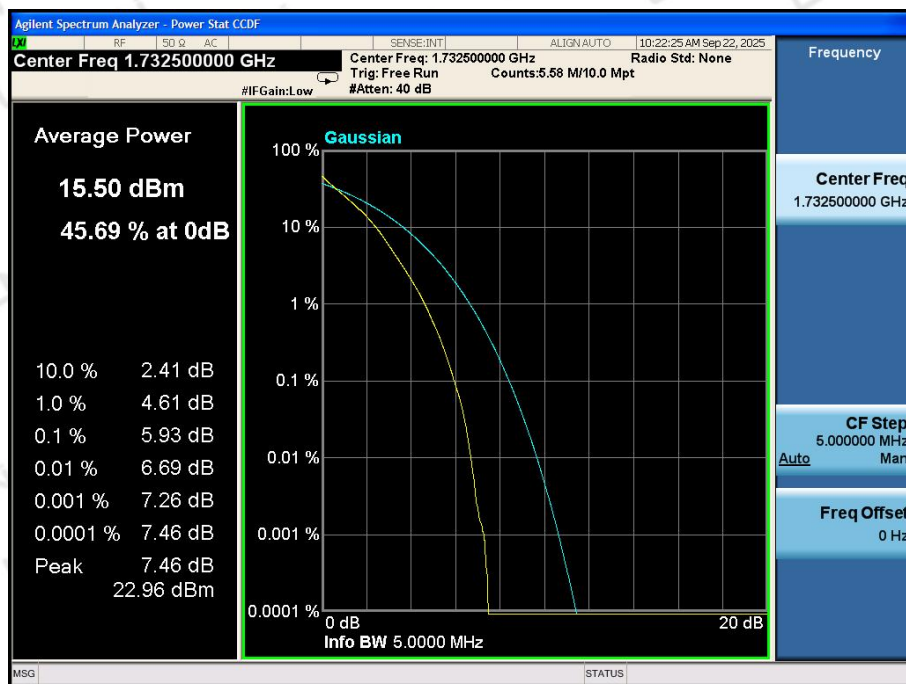
Band2-CH18900-1880MHz-20MHz Bandwidth-QPSK



Band2-CH18900-1880MHz-20MHz Bandwidth-16QAM



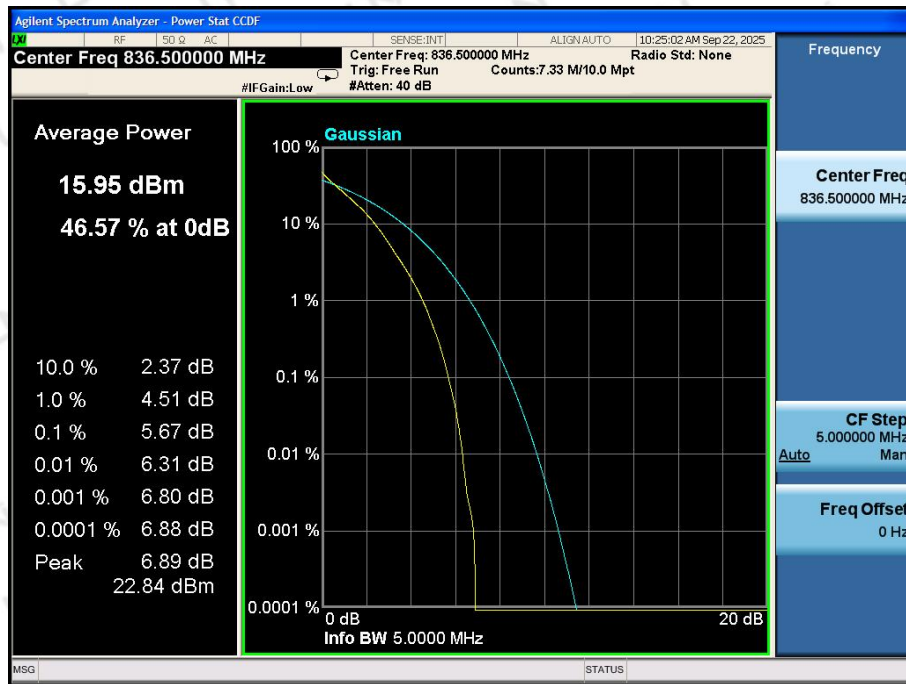
Band4-CH20175-1732.5MHz-20MHz Bandwidth-QPSK



Band4-CH20175-1732.5MHz-20MHz Bandwidth-16QAM



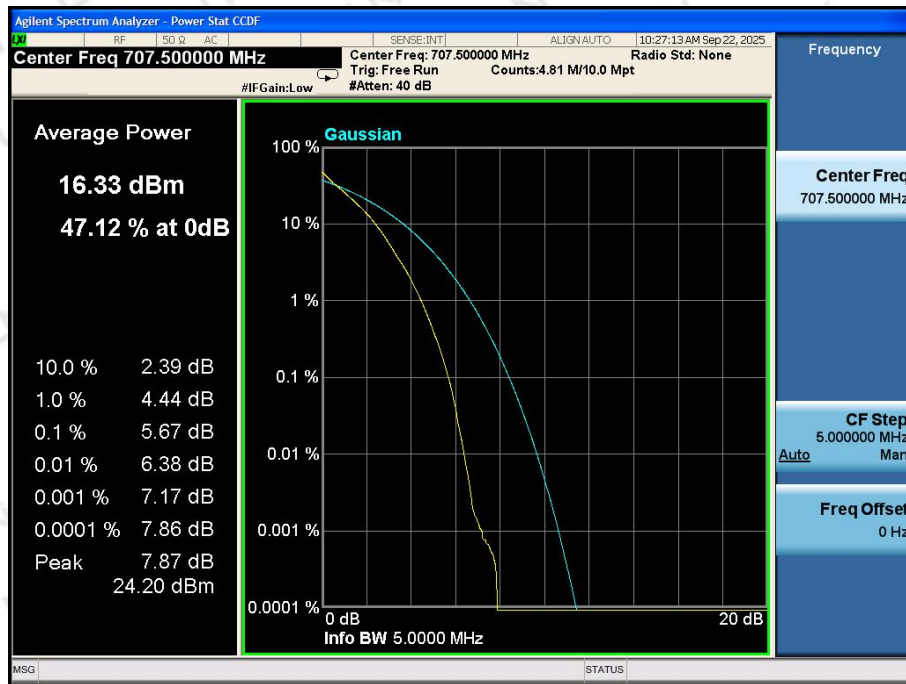
Band5-CH20525-836.5MHz-10MHz Bandwidth-QPSK



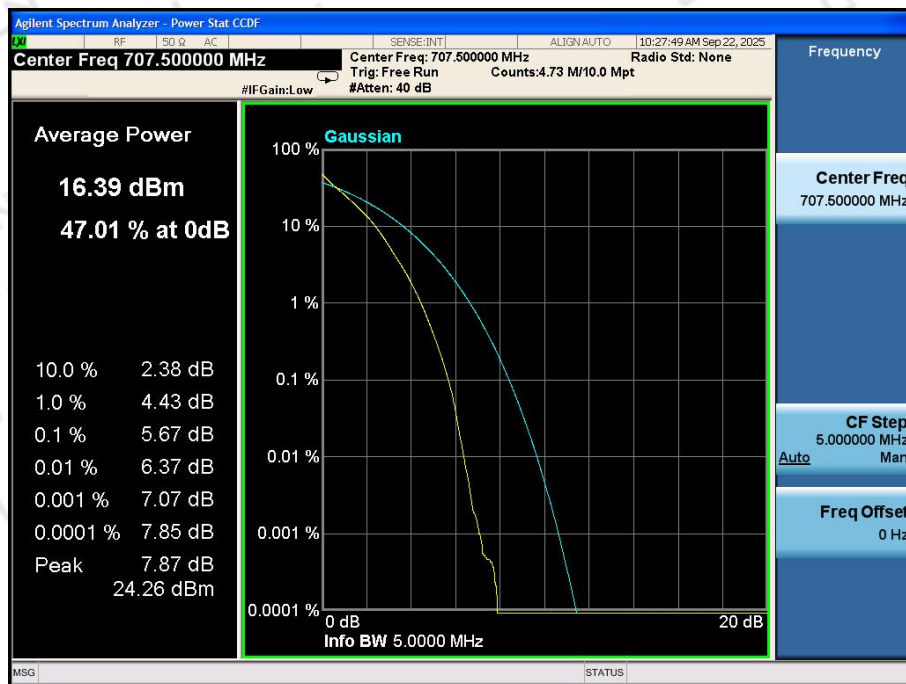
Band5-CH20525-836.5MHz-10MHz Bandwidth-16QAM



Band12-CH20175-707.5MHz-10MHz Bandwidth-QPSK



Band12-CH20175-707.5MHz-10MHz Bandwidth-16QAM



Band13-CH23230-782MHz-10MHz Bandwidth-QPSK



Band13-CH23230-782MHz-10MHz Bandwidth-16QAM



3.OCCUPY BANDWIDTH

LTE Band 2

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0916	1.260	PASS
	MCH	6	0	1.0907	1.269	PASS
	HCH	6	0	1.0917	1.267	PASS
16QAM	LCH	6	0	1.0929	1.256	PASS
	MCH	6	0	1.0899	1.279	PASS
	HCH	6	0	1.0917	1.261	PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1300	1.406	PASS
	MCH	6	0	1.1252	1.388	PASS
	HCH	6	0	1.1248	1.404	PASS
16QAM	LCH	6	0	1.1285	1.406	PASS
	MCH	6	0	1.1217	1.383	PASS
	HCH	6	0	1.1263	1.386	PASS

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1777	1.754	PASS
	MCH	6	0	1.1560	1.659	PASS
	HCH	6	0	1.1771	1.719	PASS
16QAM	LCH	6	0	1.1750	1.683	PASS
	MCH	6	0	1.1549	1.632	PASS
	HCH	6	0	1.1618	1.695	PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1716	1.766	PASS
	MCH	6	0	1.1475	1.733	PASS
	HCH	6	0	1.1653	1.791	PASS
16QAM	LCH	6	0	1.1818	1.805	PASS
	MCH	6	0	1.1653	1.735	PASS
	HCH	6	0	1.1589	1.849	PASS

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1587	1.864	PASS
	MCH	6	0	1.1760	1.827	PASS
	HCH	6	0	1.1673	1.865	PASS
16QAM	LCH	6	0	1.1863	1.733	PASS
	MCH	6	0	1.1649	1.940	PASS
	HCH	6	0	1.1802	1.810	PASS

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1663	1.685	PASS
	MCH	6	0	1.1541	1.670	PASS
	HCH	6	0	1.1576	1.848	PASS
16QAM	LCH	6	0	1.1798	1.756	PASS
	MCH	6	0	1.1638	1.832	PASS
	HCH	6	0	1.1789	1.744	PASS

LTE Band 4

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0920	1.258	PASS
	MCH	6	0	1.0926	1.257	PASS
	HCH	6	0	1.0929	1.259	PASS
16QAM	LCH	6	0	1.0899	1.265	PASS
	MCH	6	0	1.0928	1.264	PASS
	HCH	6	0	1.0924	1.255	PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1264	1.402	PASS
	MCH	6	0	1.1150	1.382	PASS
	HCH	6	0	1.1146	1.385	PASS
16QAM	LCH	6	0	1.1136	1.374	PASS
	MCH	6	0	1.1138	1.381	PASS
	HCH	6	0	1.1105	1.342	PASS

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1638	1.685	PASS
	MCH	6	0	1.1529	1.608	PASS
	HCH	6	0	1.1527	1.654	PASS
16QAM	LCH	6	0	1.1477	1.626	PASS
	MCH	6	0	1.1487	1.644	PASS
	HCH	6	0	1.1736	1.664	PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1363	1.804	PASS
	MCH	6	0	1.1572	1.790	PASS
	HCH	6	0	1.1455	1.724	PASS
16QAM	LCH	6	0	1.1514	1.697	PASS
	MCH	6	0	1.1371	1.792	PASS
	HCH	6	0	1.1690	1.779	PASS

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1480	1.696	PASS
	MCH	6	0	1.1583	1.750	PASS
	HCH	6	0	1.1578	1.754	PASS
16QAM	LCH	6	0	1.1492	1.726	PASS
	MCH	6	0	1.1555	1.840	PASS
	HCH	6	0	1.1751	1.731	PASS

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1807	1.829	PASS
	MCH	6	0	1.1484	1.631	PASS
	HCH	6	0	1.1608	1.860	PASS
16QAM	LCH	6	0	1.1616	1.692	PASS
	MCH	6	0	1.1661	1.877	PASS
	HCH	6	0	1.1584	1.876	PASS

LTE Band 5

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0897	1.254	PASS
	MCH	6	0	1.0900	1.253	PASS
	HCH	6	0	1.0904	1.250	PASS
16QAM	LCH	6	0	1.0892	1.255	PASS
	MCH	6	0	1.0881	1.261	PASS
	HCH	6	0	1.0906	1.260	PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1180	1.373	PASS
	MCH	6	0	1.1230	1.392	PASS
	HCH	6	0	1.1310	1.403	PASS
16QAM	LCH	6	0	1.1257	1.382	PASS
	MCH	6	0	1.1222	1.392	PASS
	HCH	6	0	1.1161	1.380	PASS

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1827	1.745	PASS
	MCH	6	0	1.1714	1.697	PASS
	HCH	6	0	1.1673	1.806	PASS
16QAM	LCH	6	0	1.1548	1.776	PASS
	MCH	6	0	1.1668	1.709	PASS
	HCH	6	0	1.1756	1.684	PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1725	2.103	PASS
	MCH	6	0	1.1599	1.759	PASS
	HCH	6	0	1.1487	1.660	PASS
16QAM	LCH	6	0	1.1792	1.754	PASS
	MCH	6	0	1.1602	1.726	PASS
	HCH	6	0	1.1809	1.767	PASS

LTE Band 12

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0894	1.256	PASS
	MCH	6	0	1.0886	1.252	PASS
	HCH	6	0	1.0896	1.252	PASS
16QAM	LCH	6	0	1.0886	1.260	PASS
	MCH	6	0	1.0850	1.256	PASS
	HCH	6	0	1.0890	1.266	PASS

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1278	1.427	PASS
	MCH	6	0	1.1183	1.384	PASS
	HCH	6	0	1.1212	1.407	PASS
16QAM	LCH	6	0	1.1250	1.386	PASS
	MCH	6	0	1.1233	1.384	PASS
	HCH	6	0	1.1291	1.398	PASS

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1828	1.721	PASS
	MCH	6	0	1.1512	1.678	PASS
	HCH	6	0	1.1613	1.791	PASS
16QAM	LCH	6	0	1.1741	1.736	PASS
	MCH	6	0	1.1823	1.660	PASS
	HCH	6	0	1.1622	1.736	PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1575	1.781	PASS
	MCH	6	0	1.1587	1.753	PASS
	HCH	6	0	1.1419	1.760	PASS
16QAM	LCH	6	0	1.1442	1.752	PASS
	MCH	6	0	1.1360	1.685	PASS
	HCH	6	0	1.1525	1.755	PASS

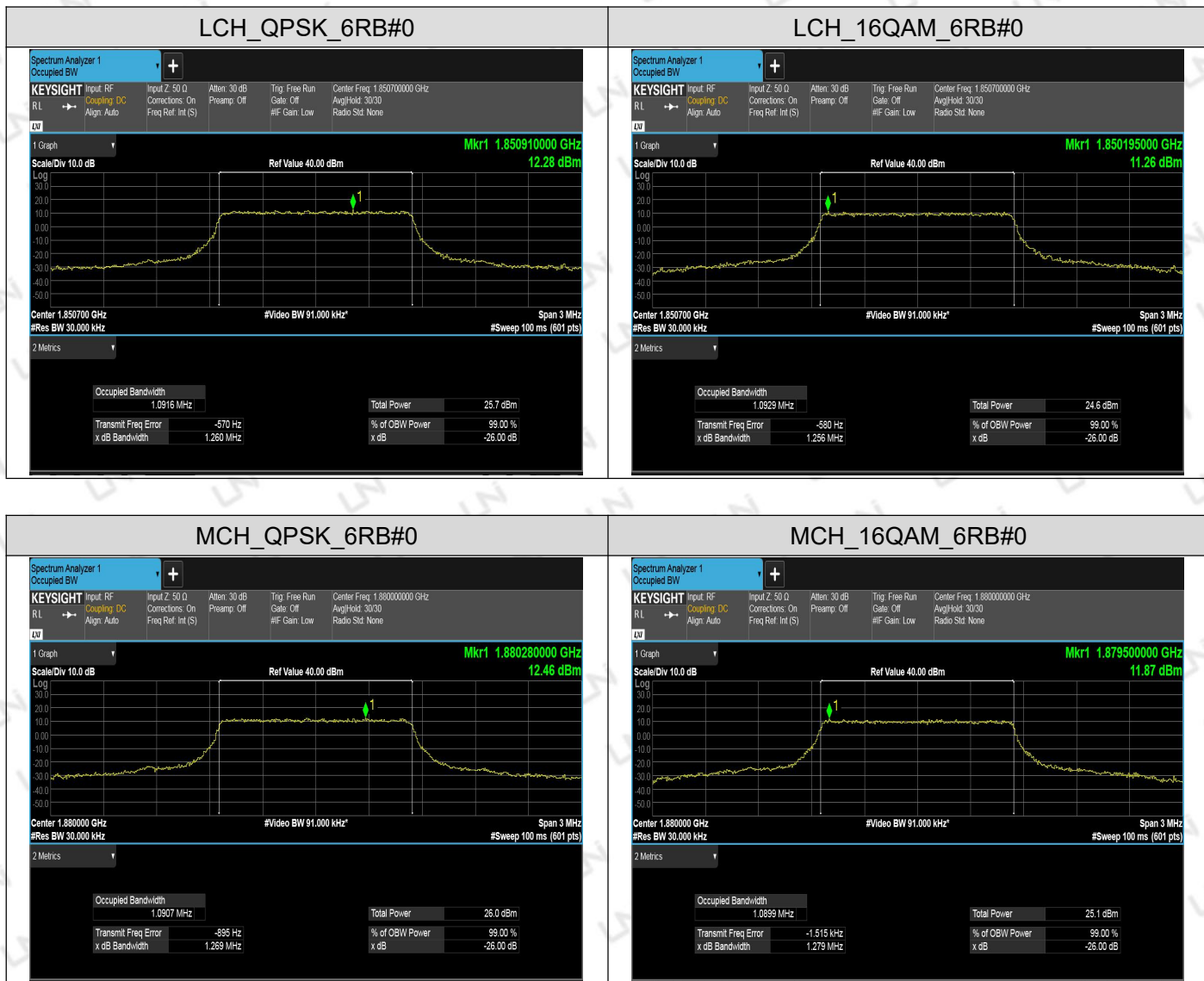
LTE Band 13

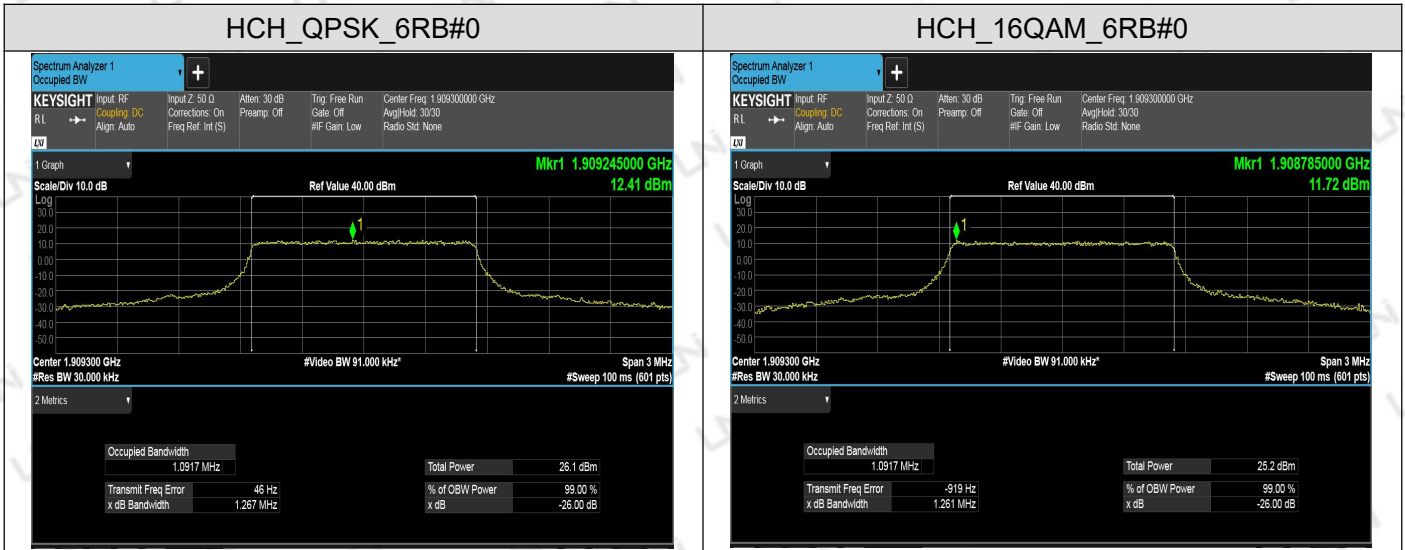
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.1608	1.662	PASS
	MCH	6	0	1.1714	1.698	PASS
	HCH	6	0	1.1582	1.762	PASS
16QAM	LCH	6	0	1.1501	1.672	PASS
	MCH	6	0	1.1607	1.707	PASS
	HCH	6	0	1.1515	1.705	PASS

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	MCH	6	0	1.1558	1.716	PASS
16QAM	MCH	6	0	1.1467	1.760	PASS

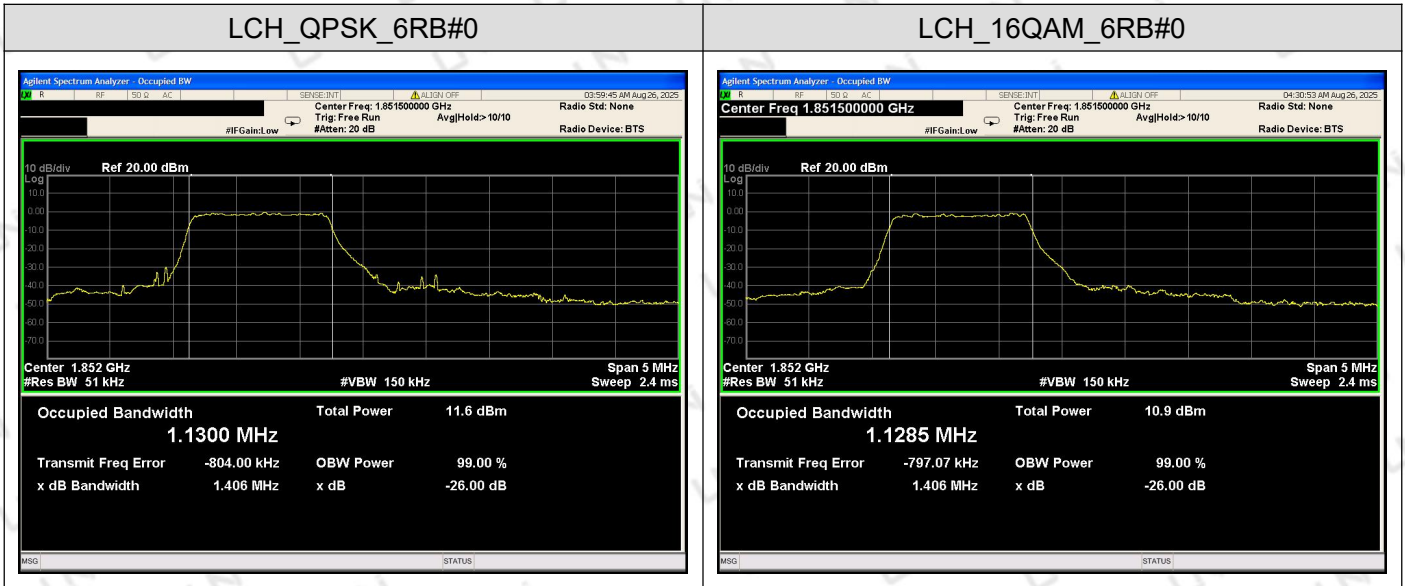
LTE Band 2

Channel Bandwidth: 1.4 MHz



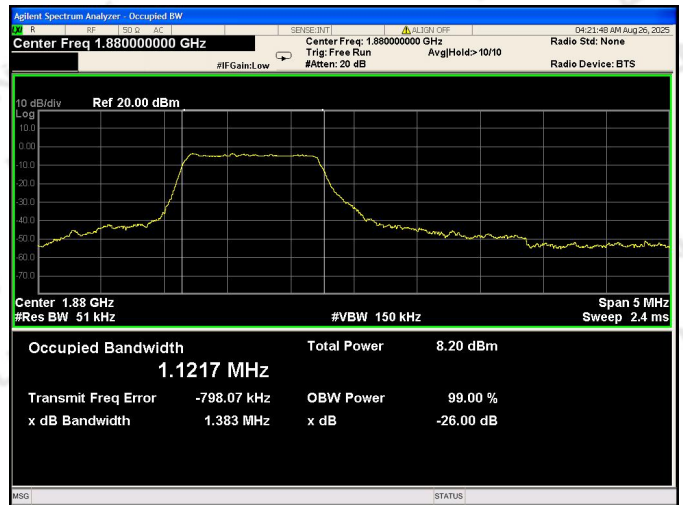
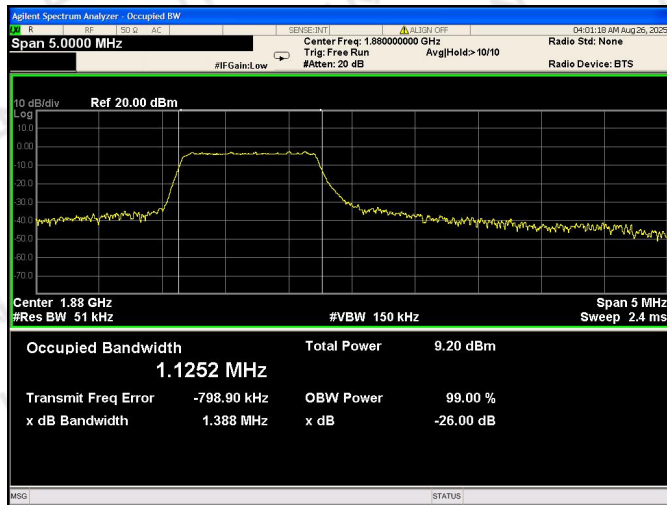


Channel Bandwidth: 3 MHz



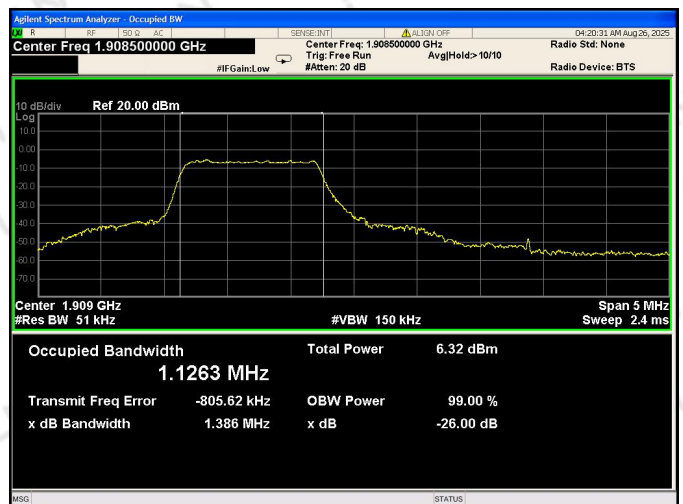
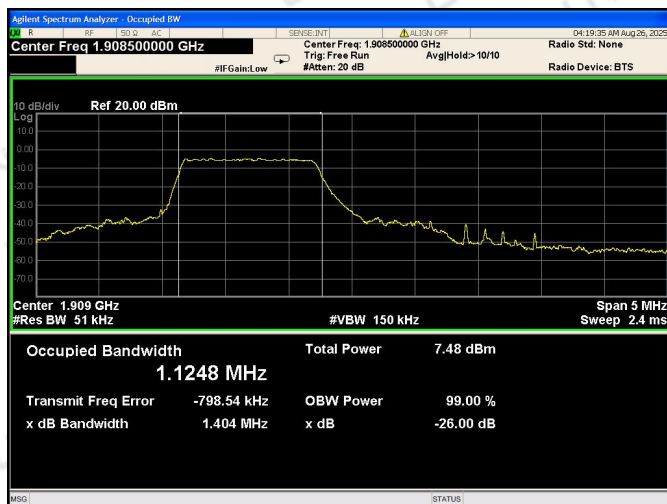
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MCH_16QAM_6RB#0

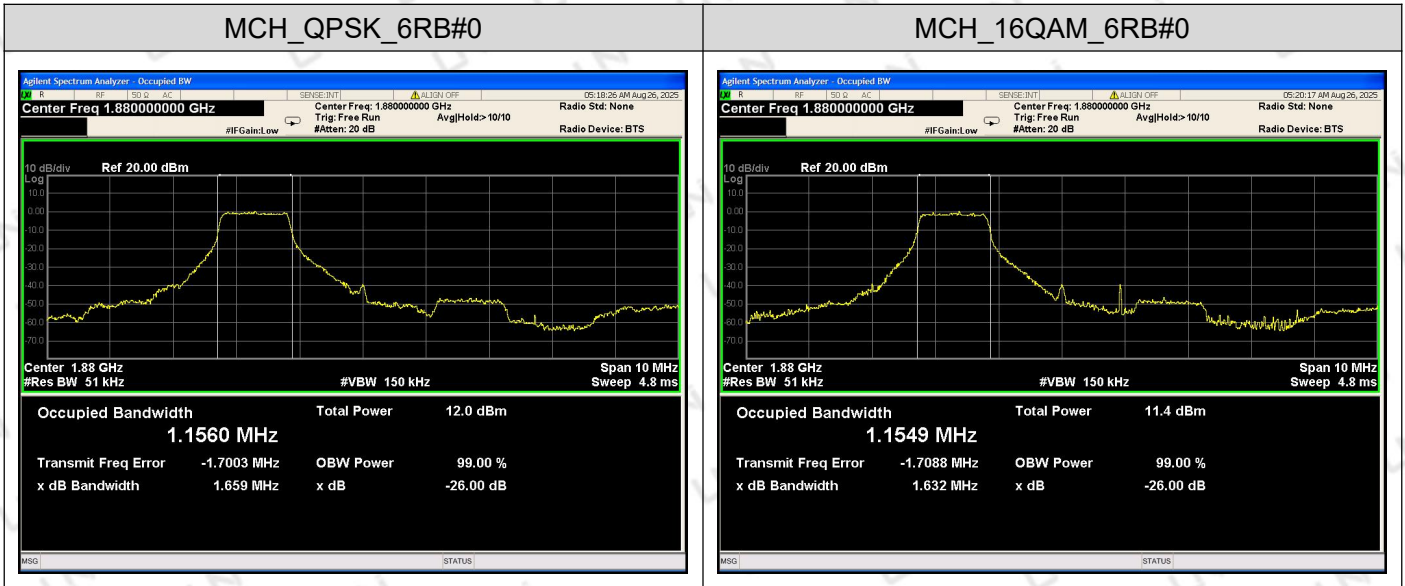
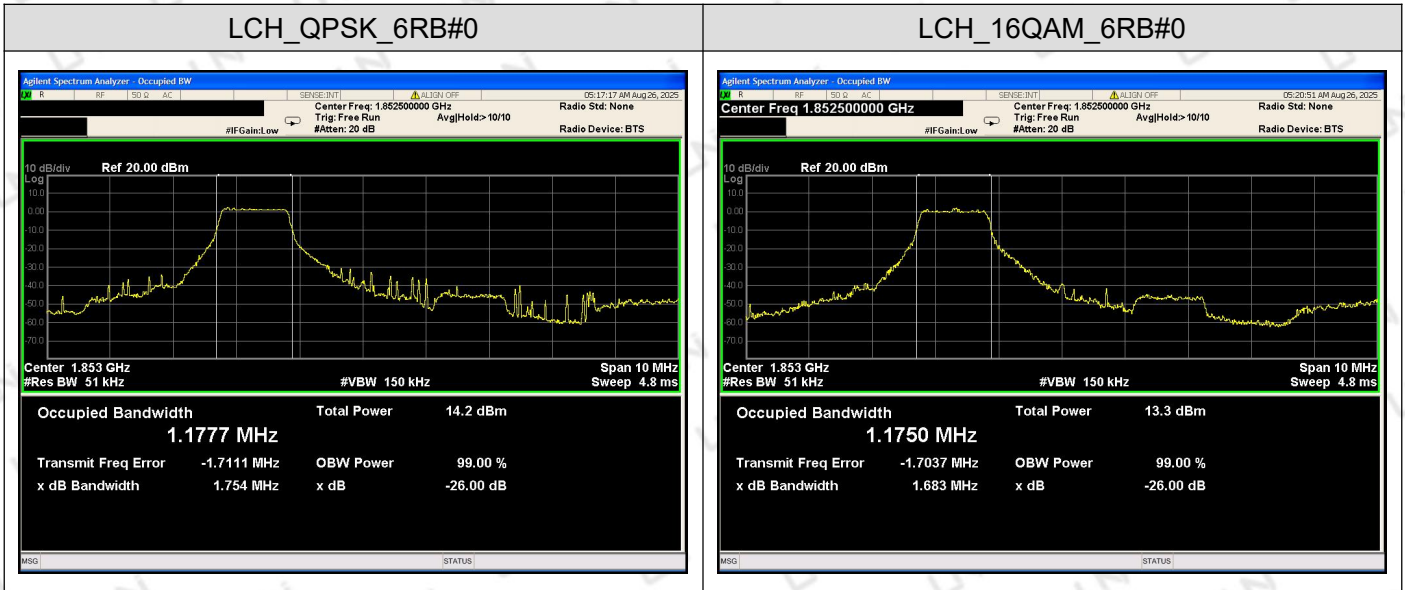


HCH_QPSK_6RB#0

HCH_16QAM_6RB#0

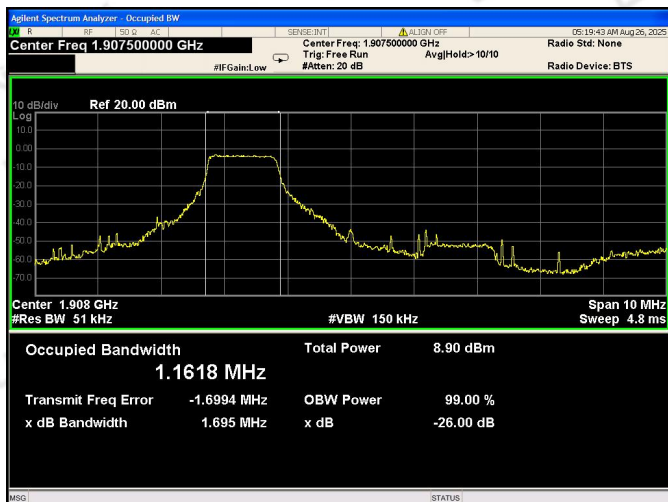
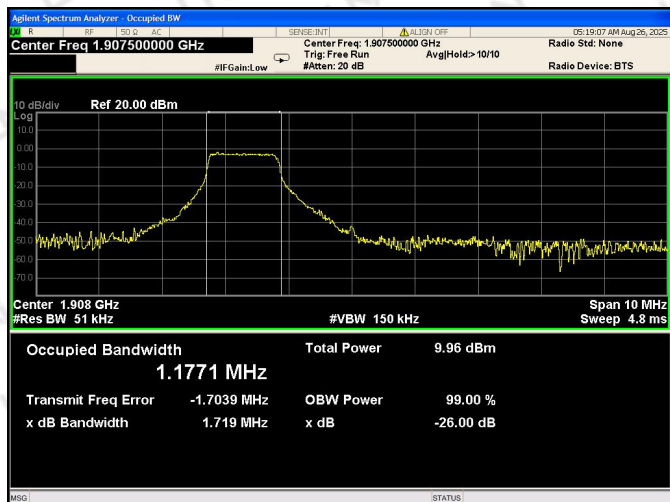


Channel Bandwidth: 5 MHz



HCH_QPSK_6RB#0

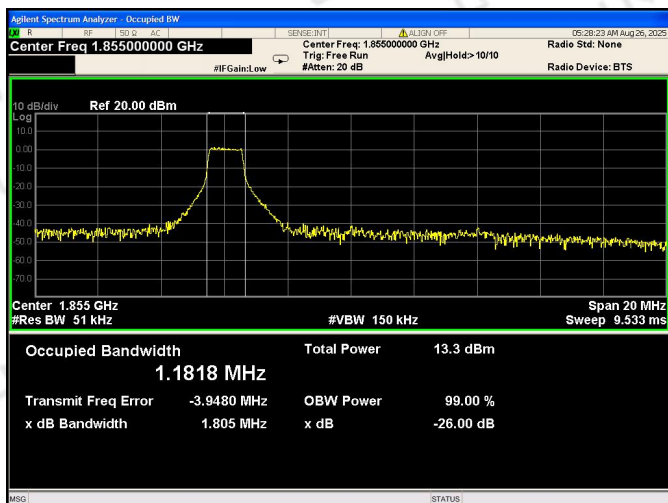
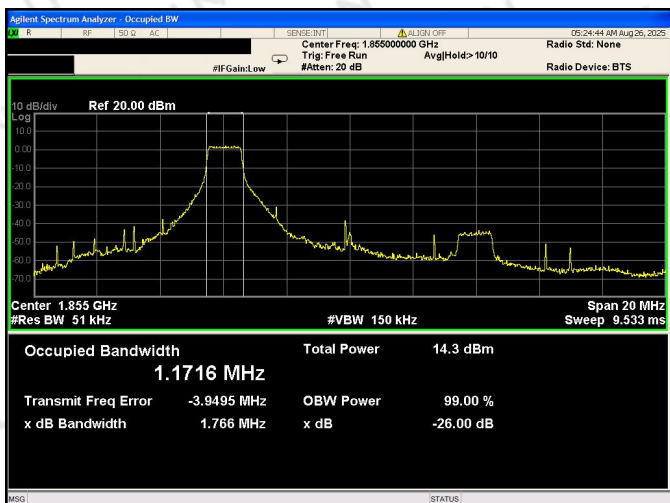
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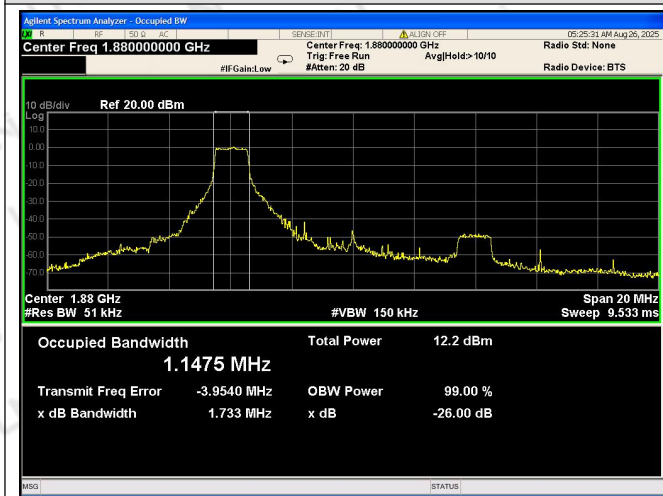
Channel Bandwidth: 10 MHz

LCH_QPSK_6RB#0

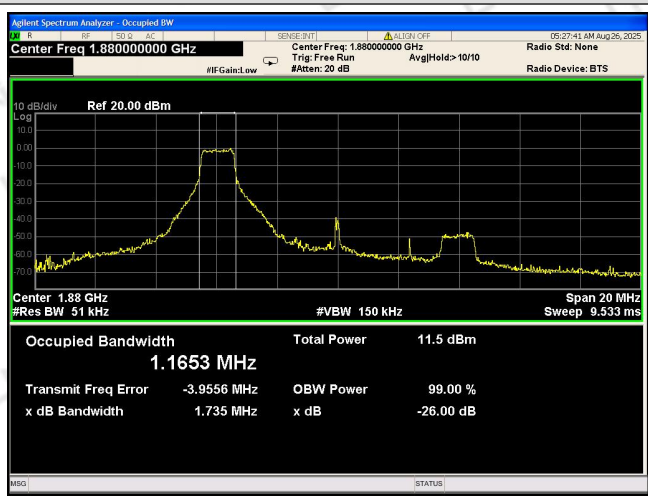
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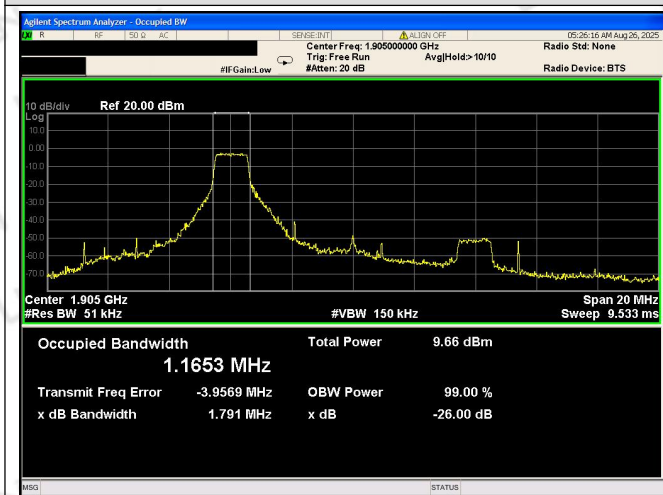
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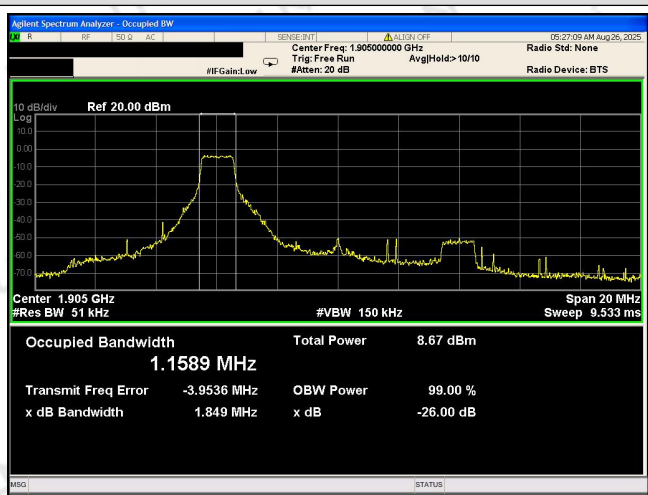
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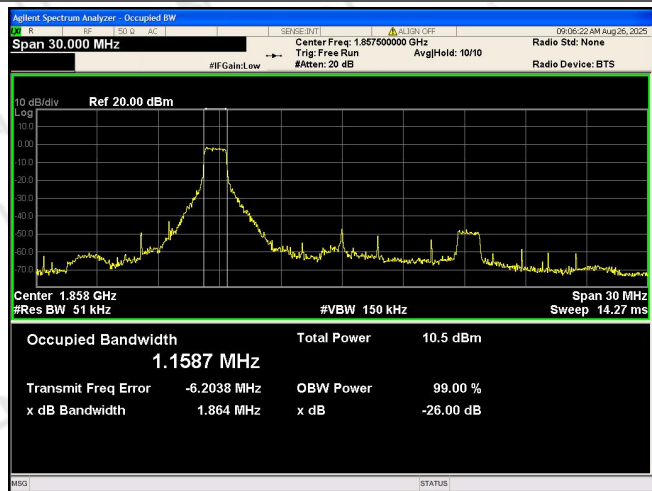


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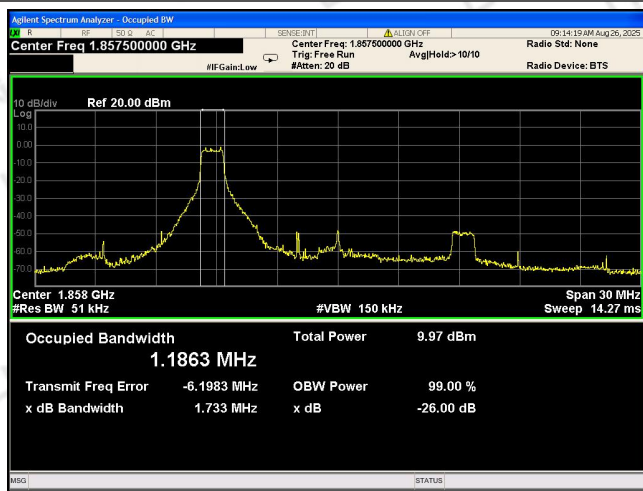


Channel Bandwidth: 15 MHz

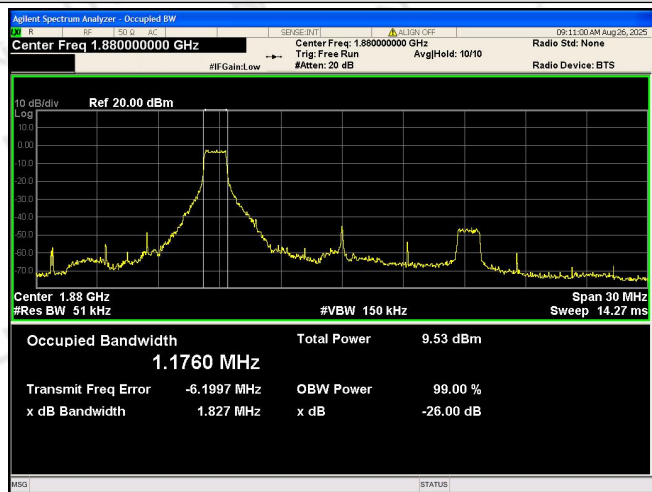
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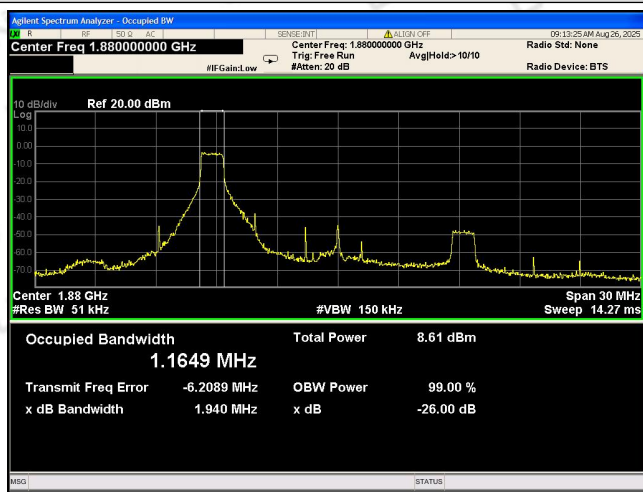
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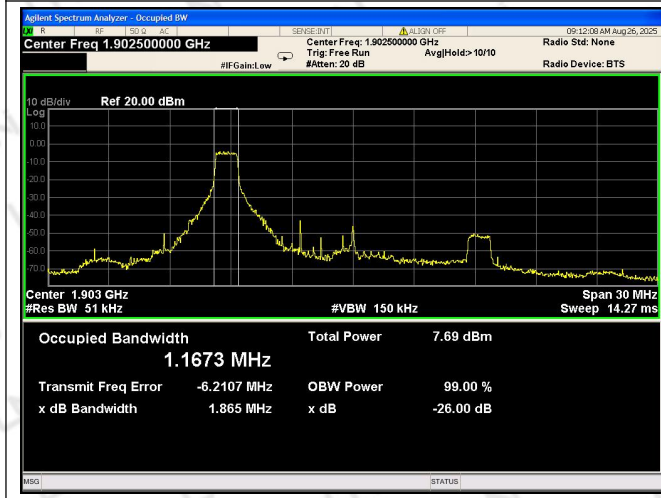
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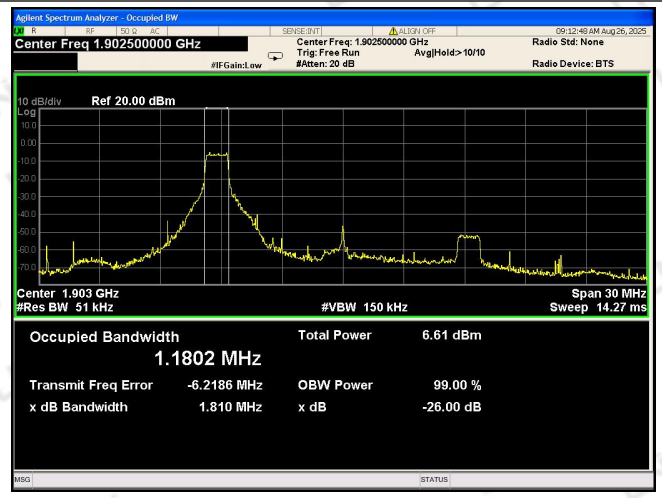
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HCH_QPSK_6RB#0

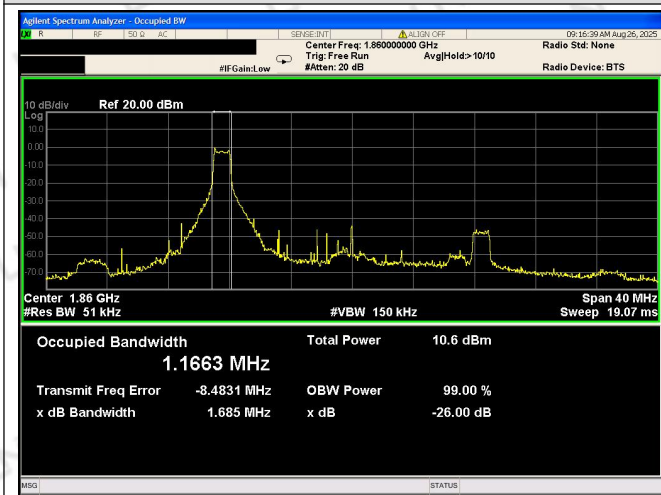


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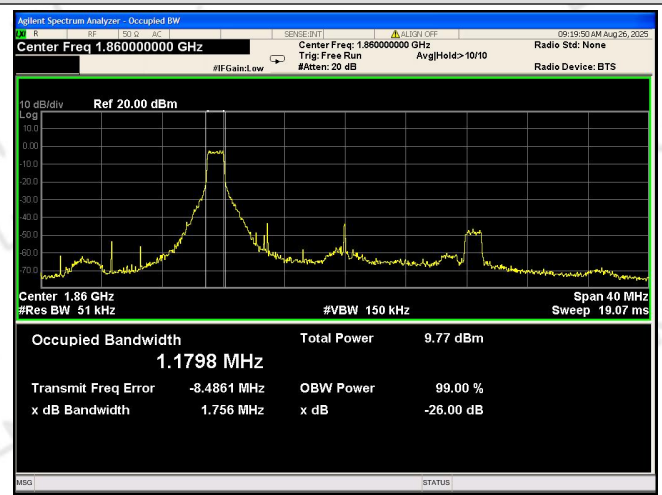


Channel Bandwidth: 20 MHz

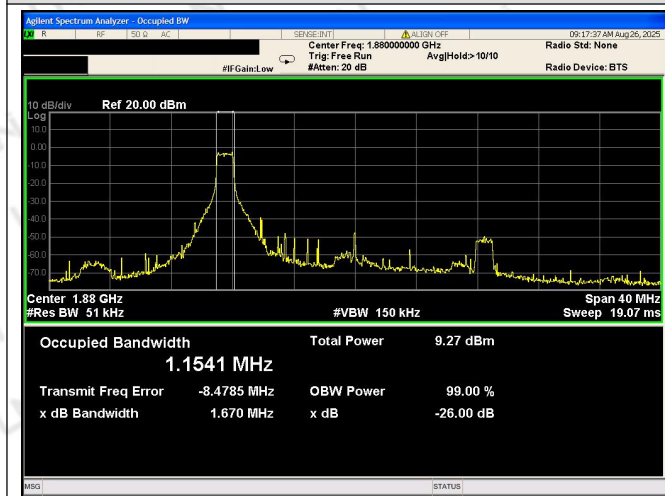
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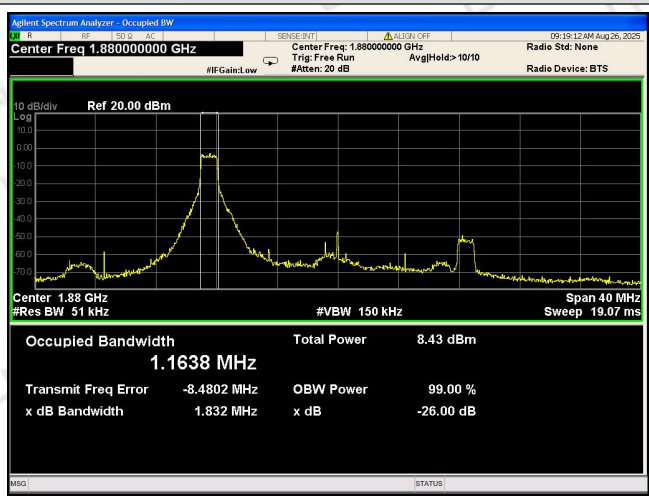
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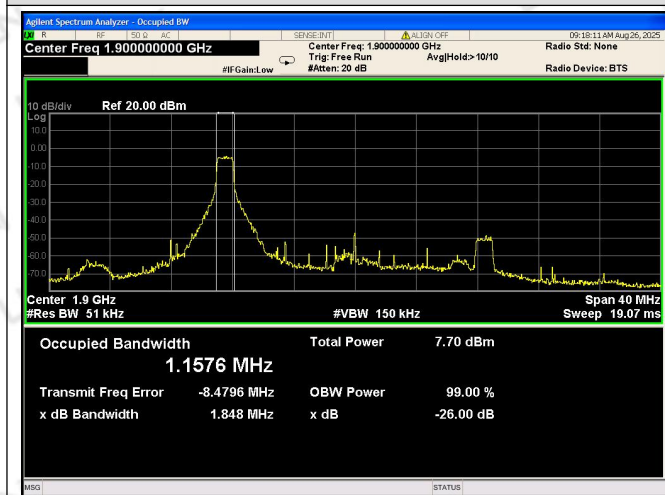
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MCH_16QAM_6RB#0



HCH_QPSK_6RB#0



HCH_16QAM_6RB#0

