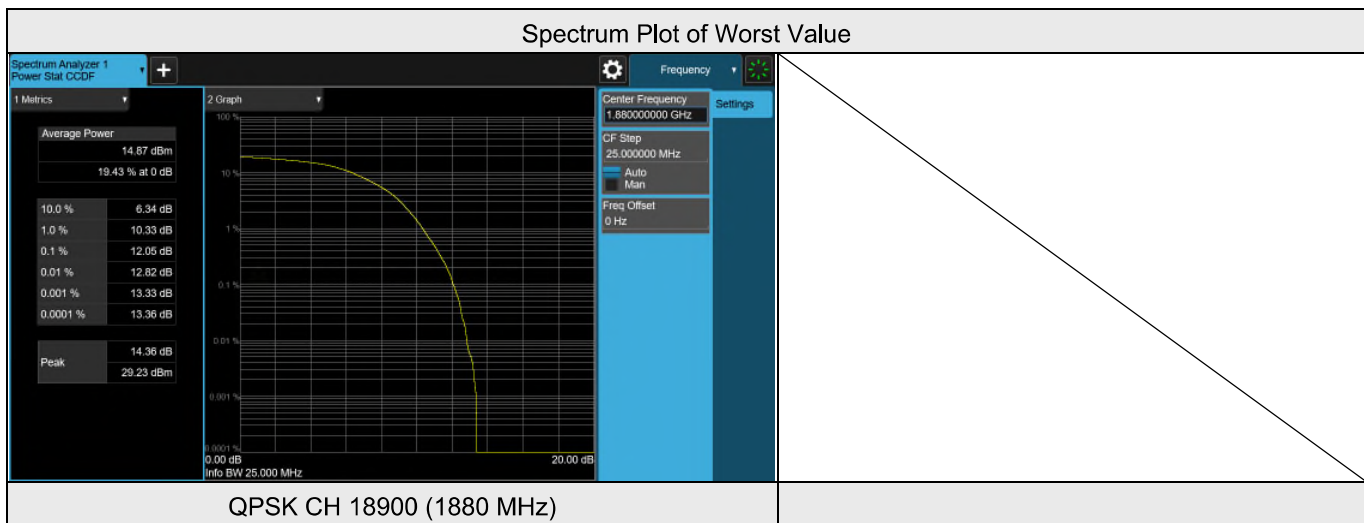


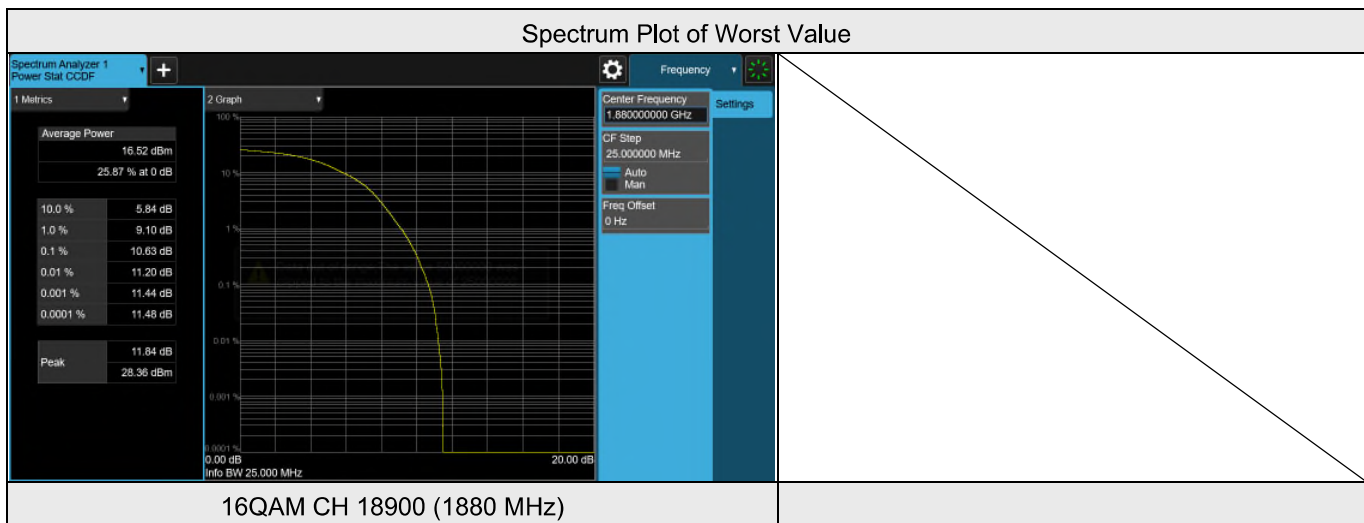
Cat-M1 Band 2, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	18615	1851.5	9.60	13	PASS
QPSK	18900	1880	12.05	13	PASS
QPSK	19185	1908.5	10.53	13	PASS
16QAM	18615	1851.5	11.32	13	PASS
16QAM	18900	1880	9.13	13	PASS
16QAM	19185	1908.5	6.79	13	PASS



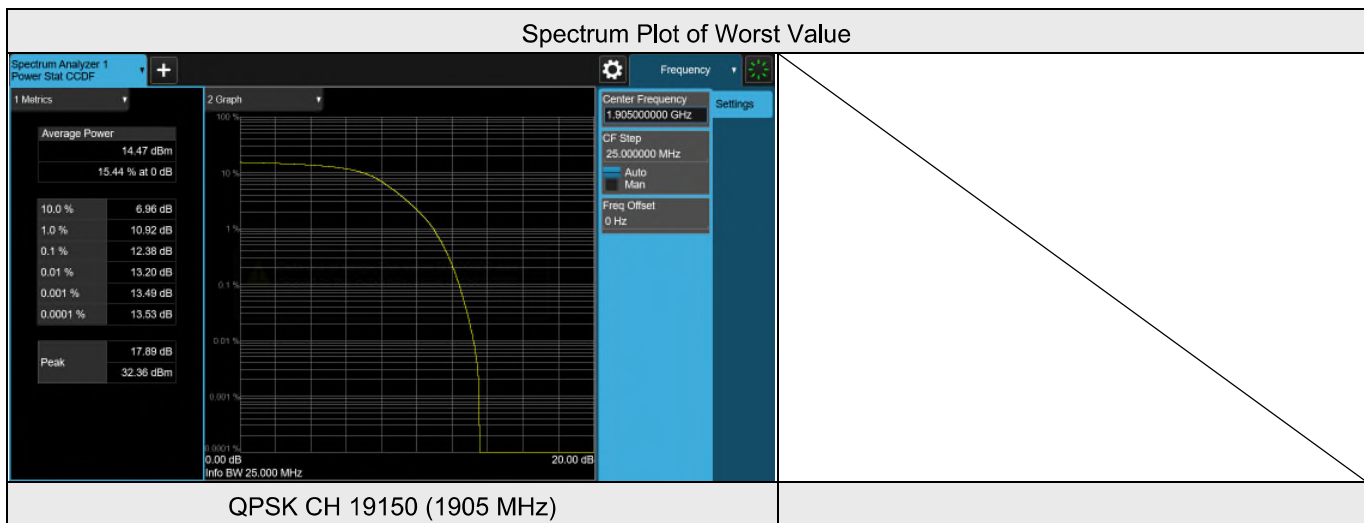
Cat-M1 Band 2, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	18625	1852.5	10.12	13	PASS
QPSK	18900	1880	8.85	13	PASS
QPSK	19175	1907.5	10.41	13	PASS
16QAM	18625	1852.5	6.79	13	PASS
16QAM	18900	1880	10.63	13	PASS
16QAM	19175	1907.5	9.20	13	PASS



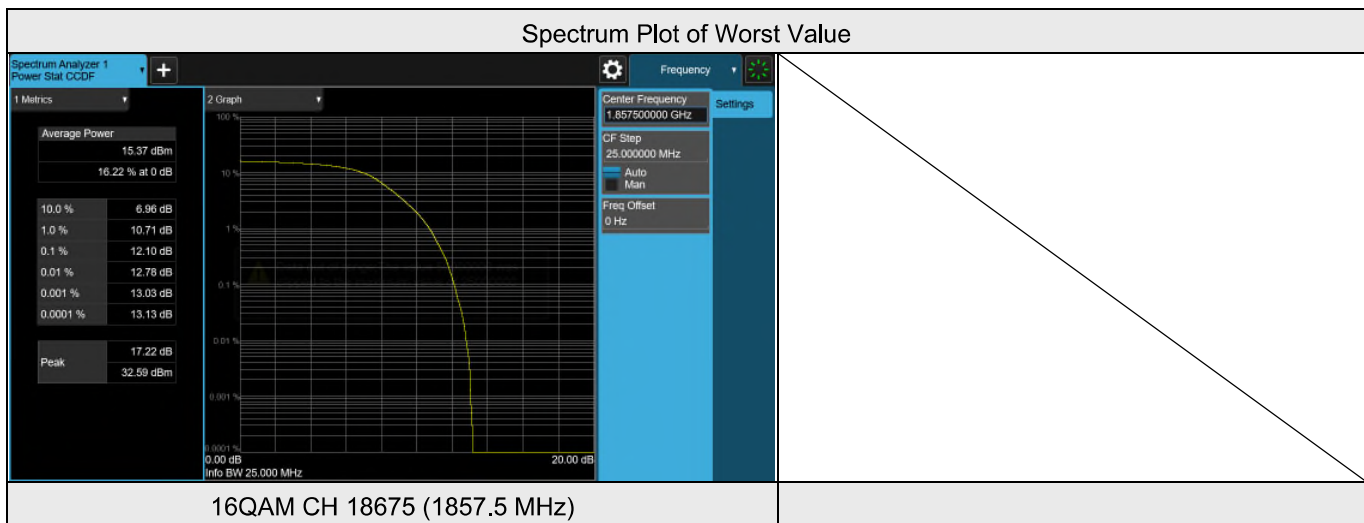
Cat-M1 Band 2, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	18650	1855	8.44	13	PASS
QPSK	18900	1880	10.00	13	PASS
QPSK	19150	1905	12.38	13	PASS
16QAM	18650	1855	8.04	13	PASS
16QAM	18900	1880	12.27	13	PASS
16QAM	19150	1905	12.05	13	PASS



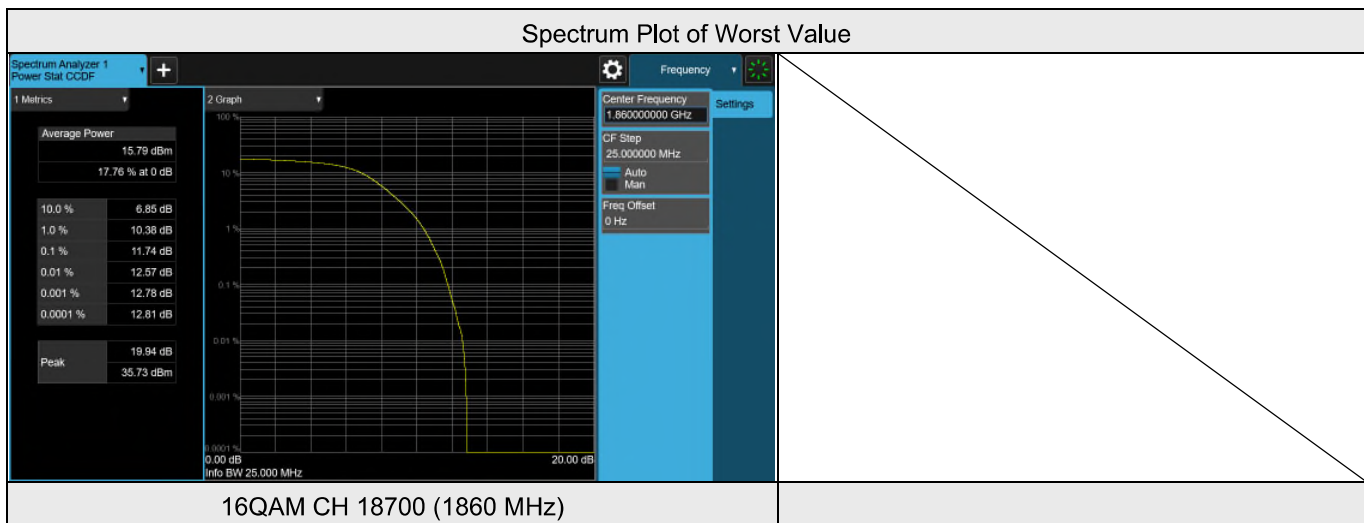
Cat-M1 Band 2, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	18675	1857.5	11.62	13	PASS
QPSK	18900	1880	11.77	13	PASS
QPSK	19125	1902.5	5.79	13	PASS
16QAM	18675	1857.5	12.10	13	PASS
16QAM	18900	1880	7.58	13	PASS
16QAM	19125	1902.5	10.03	13	PASS



Cat-M1 Band 2, Channel Bandwidth: 20 MHz

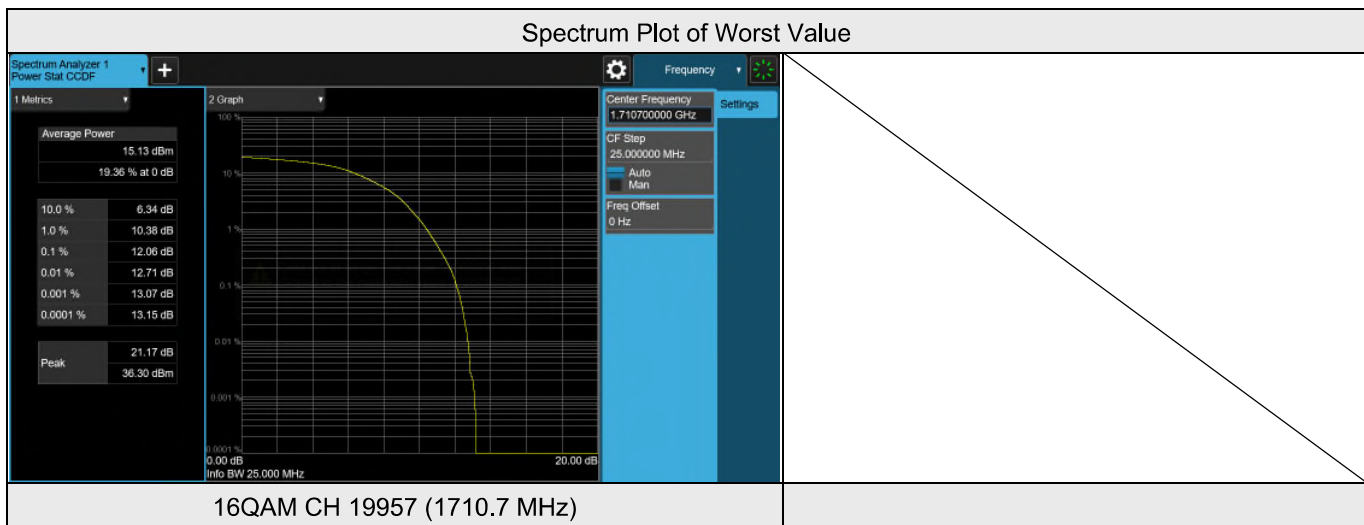
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	18700	1860	8.41	13	PASS
QPSK	18900	1880	8.80	13	PASS
QPSK	19100	1900	11.65	13	PASS
16QAM	18700	1860	11.74	13	PASS
16QAM	18900	1880	10.94	13	PASS
16QAM	19100	1900	7.08	13	PASS



7.3.2 Cat-M1 Band 4

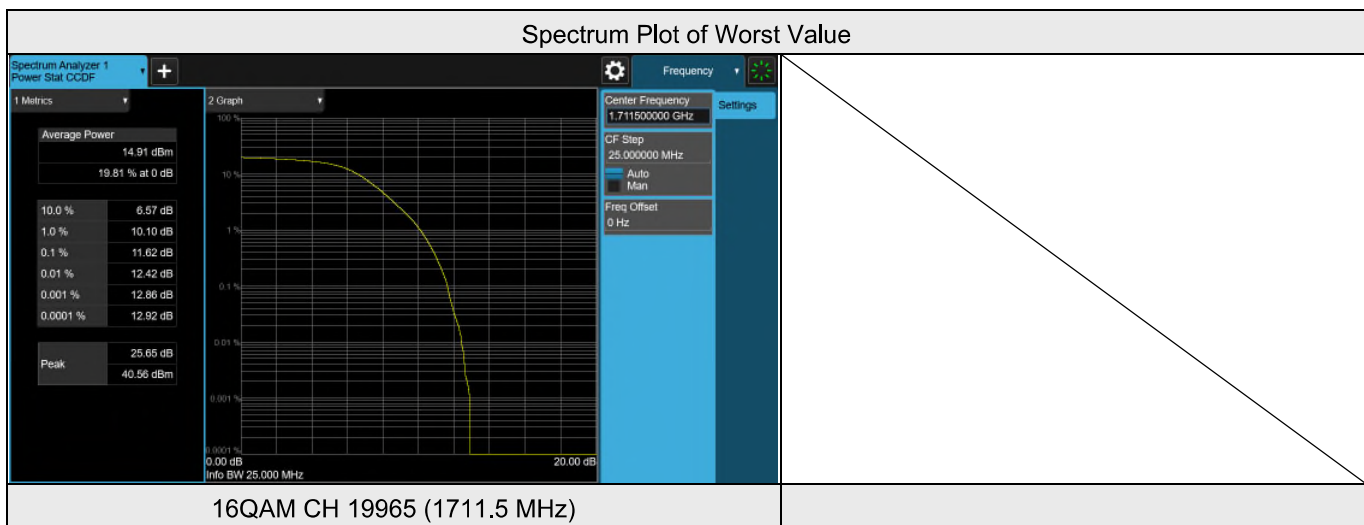
Cat-M1 Band 4, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	19957	1710.7	8.46	13	PASS
QPSK	20175	1732.5	9.27	13	PASS
QPSK	20393	1754.3	8.10	13	PASS
16QAM	19957	1710.7	12.06	13	PASS
16QAM	20175	1732.5	11.53	13	PASS
16QAM	20393	1754.3	7.91	13	PASS



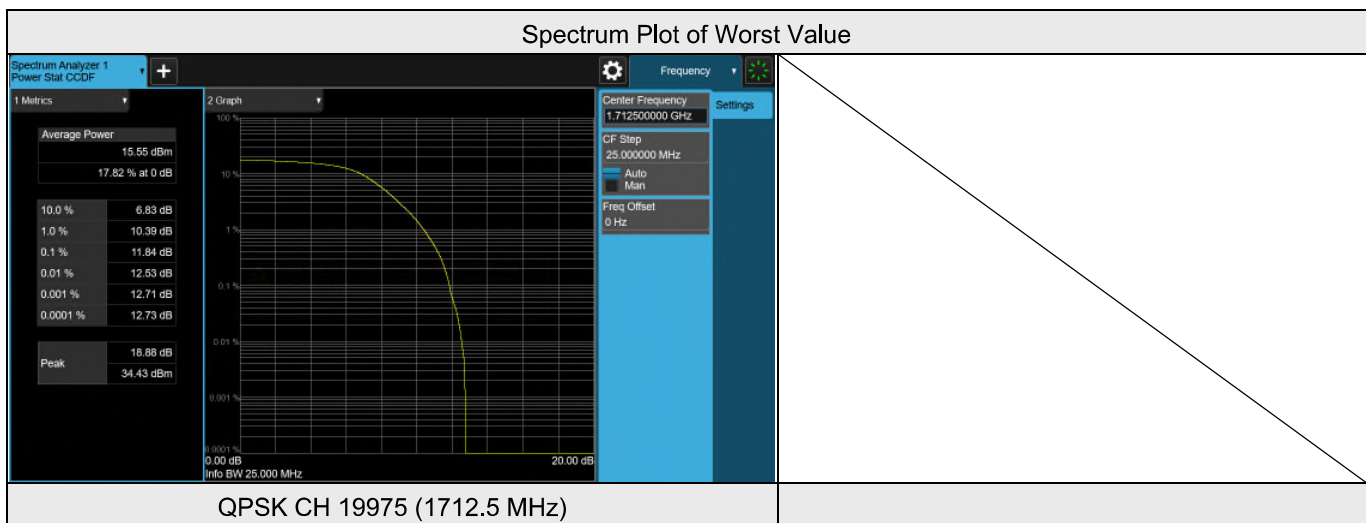
Cat-M1 Band 4, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	19965	1711.5	9.05	13	PASS
QPSK	20175	1732.5	10.23	13	PASS
QPSK	20385	1753.5	9.05	13	PASS
16QAM	19965	1711.5	11.62	13	PASS
16QAM	20175	1732.5	11.61	13	PASS
16QAM	20385	1753.5	10.60	13	PASS



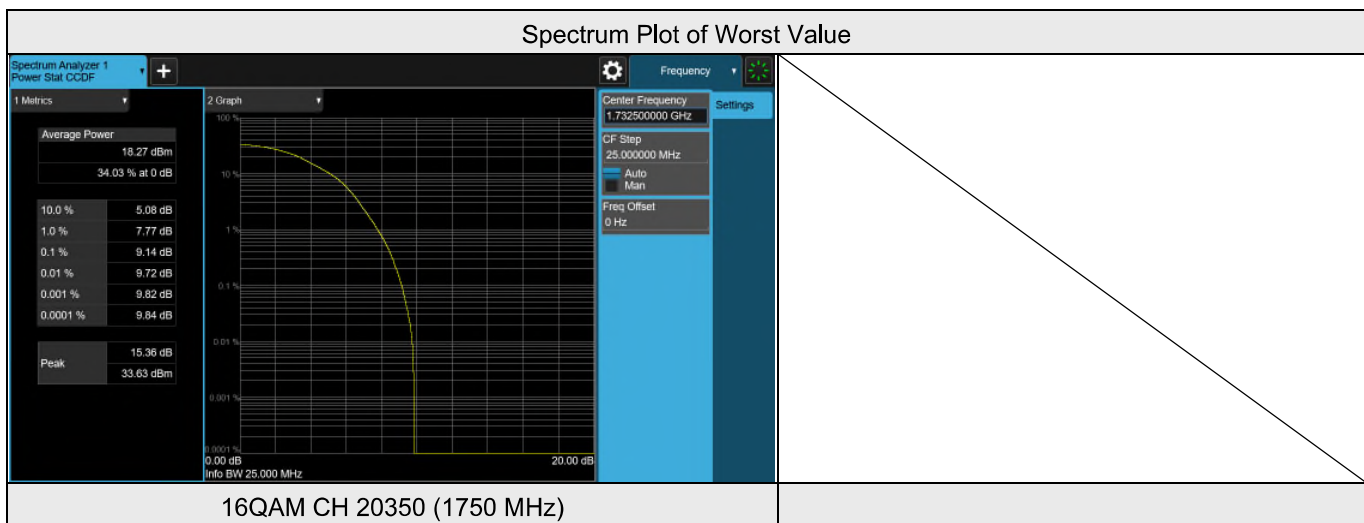
Cat-M1 Band 4, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	19975	1712.5	11.84	13	PASS
QPSK	20175	1732.5	8.23	13	PASS
QPSK	20375	1752.5	7.58	13	PASS
16QAM	19975	1712.5	8.47	13	PASS
16QAM	20175	1732.5	8.36	13	PASS
16QAM	20375	1752.5	8.24	13	PASS



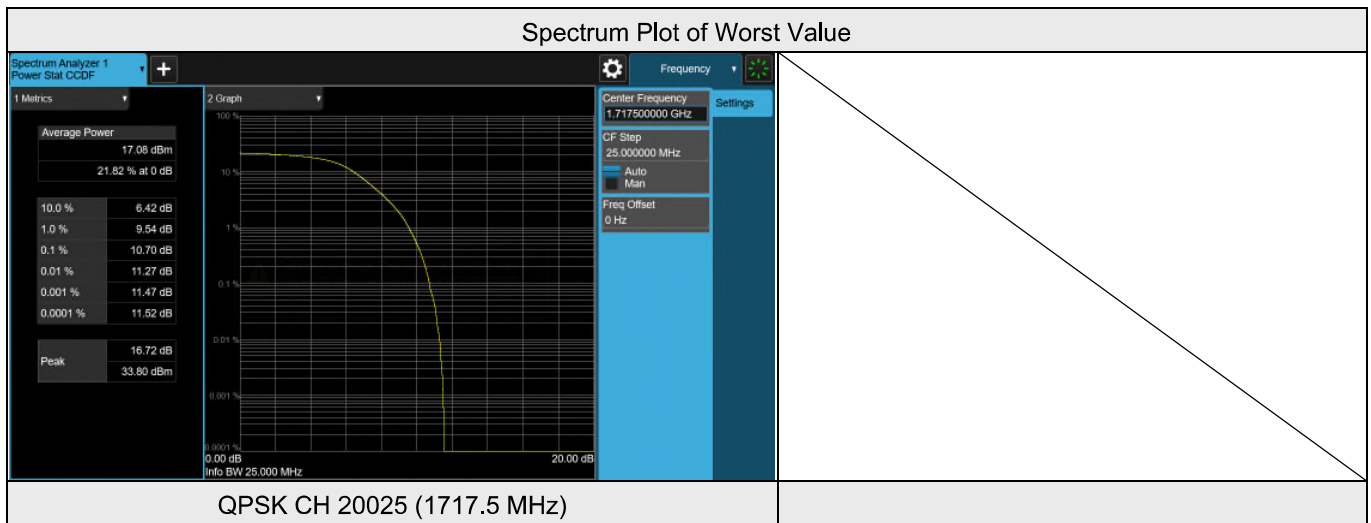
Cat-M1 Band 4, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	20000	1715	5.13	13	PASS
QPSK	20175	1732.5	7.87	13	PASS
QPSK	20350	1750	5.21	13	PASS
16QAM	20000	1715	8.47	13	PASS
16QAM	20175	1732.5	9.14	13	PASS
16QAM	20350	1750	8.85	13	PASS



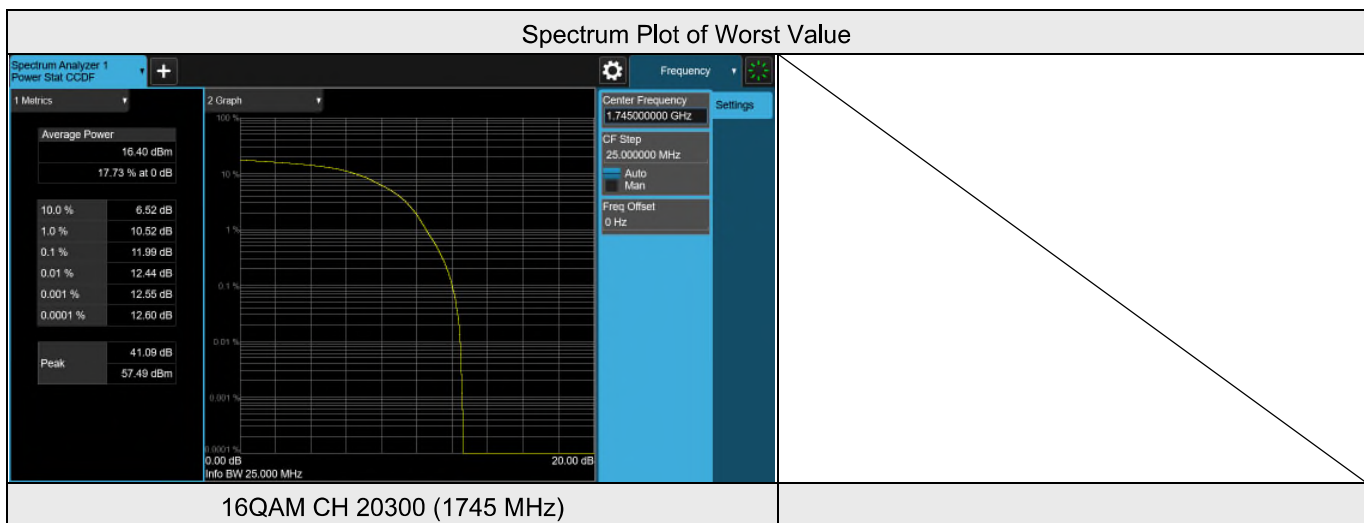
Cat-M1 Band 4, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	20025	1717.5	10.70	13	PASS
QPSK	20175	1732.5	8.43	13	PASS
QPSK	20325	1747.5	9.37	13	PASS
16QAM	20025	1717.5	9.46	13	PASS
16QAM	20175	1732.5	7.66	13	PASS
16QAM	20325	1747.5	7.82	13	PASS



Cat-M1 Band 4, Channel Bandwidth: 20 MHz

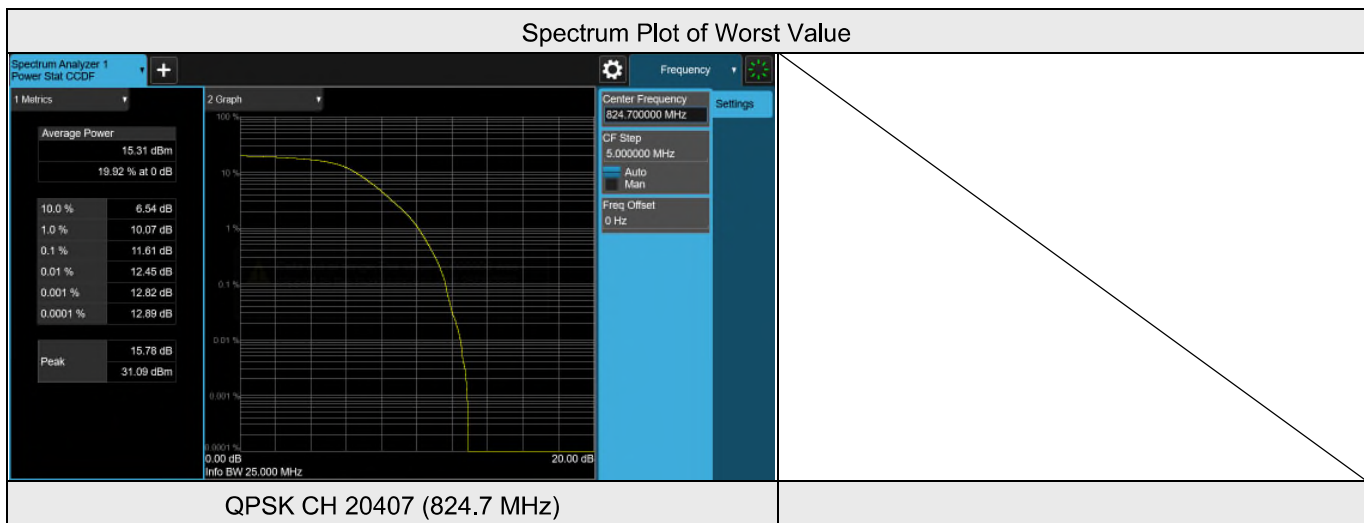
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	20050	1720	9.31	13	PASS
QPSK	20175	1732.5	11.68	13	PASS
QPSK	20300	1745	11.44	13	PASS
16QAM	20050	1720	5.96	13	PASS
16QAM	20175	1732.5	11.88	13	PASS
16QAM	20300	1745	11.99	13	PASS



7.3.3 Cat-M1 Band 5

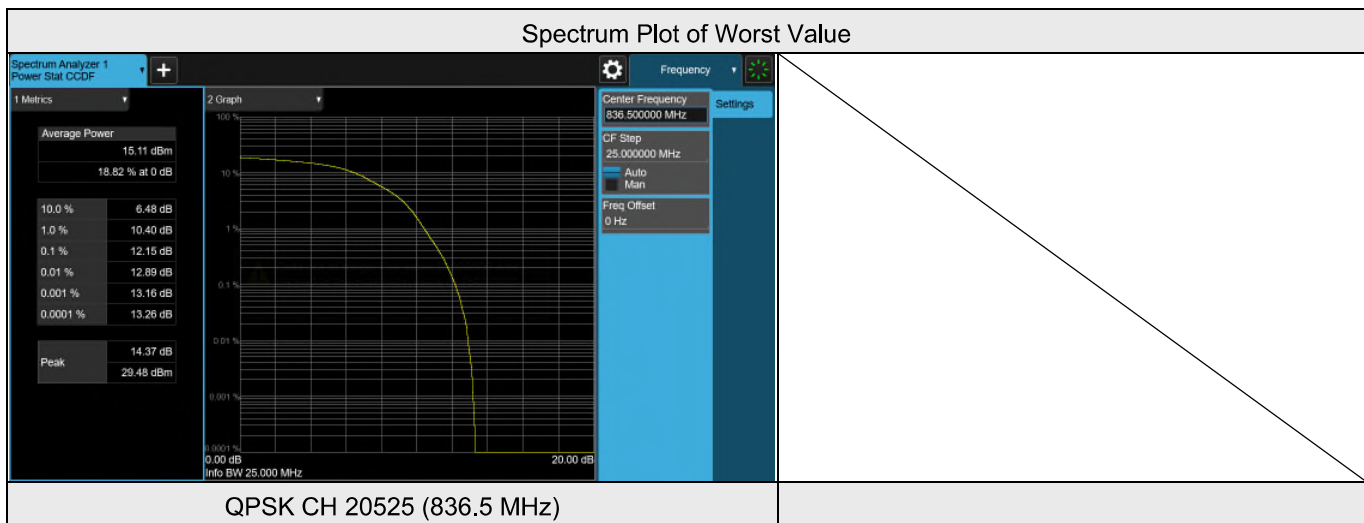
Cat-M1 Band 5, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	20407	824.7	11.61	13	PASS
QPSK	20525	836.5	11.60	13	PASS
QPSK	20643	848.3	9.72	13	PASS
16QAM	20407	824.7	5.05	13	PASS
16QAM	20525	836.5	11.60	13	PASS
16QAM	20643	848.3	11.82	13	PASS



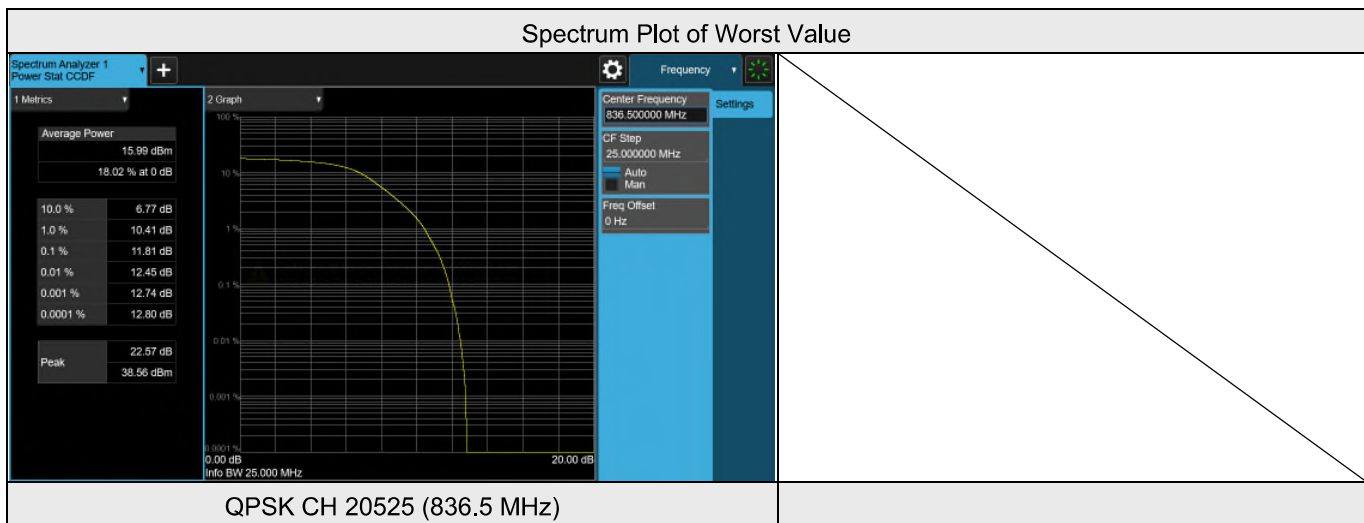
Cat-M1 Band 5, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	20415	825.5	11.68	13	PASS
QPSK	20525	836.5	12.15	13	PASS
QPSK	20635	847.5	7.93	13	PASS
16QAM	20415	825.5	11.30	13	PASS
16QAM	20525	836.5	9.58	13	PASS
16QAM	20635	847.5	8.42	13	PASS



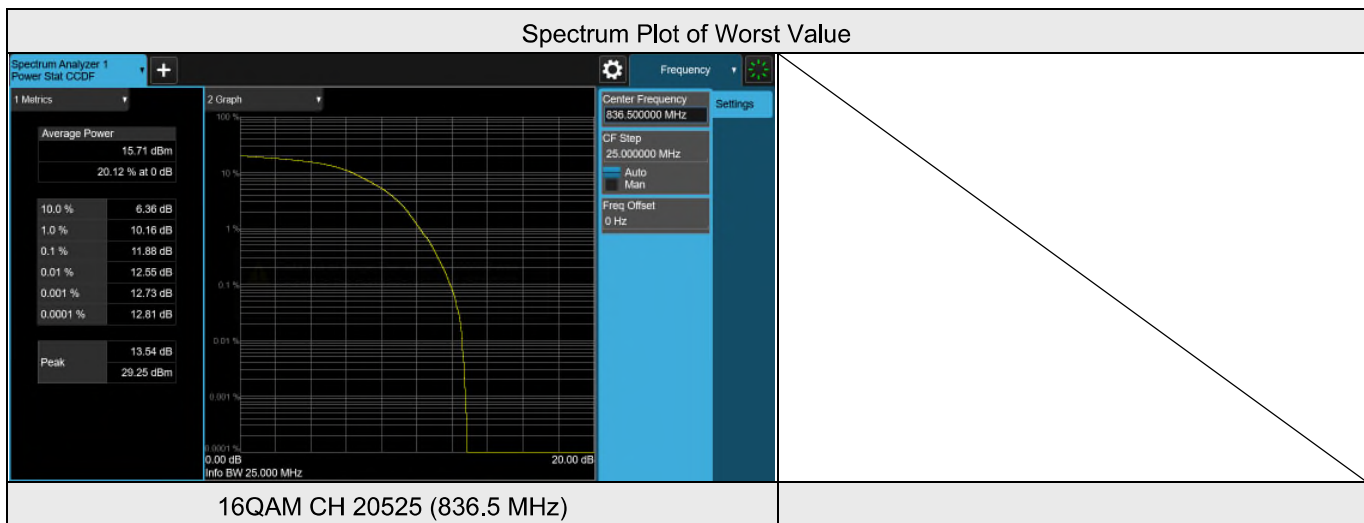
Cat-M1 Band 5, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	20425	826.5	8.42	13	PASS
QPSK	20525	836.5	11.81	13	PASS
QPSK	20625	846.5	10.75	13	PASS
16QAM	20425	826.5	10.51	13	PASS
16QAM	20525	836.5	11.81	13	PASS
16QAM	20625	846.5	11.72	13	PASS



Cat-M1 Band 5, Channel Bandwidth: 10 MHz

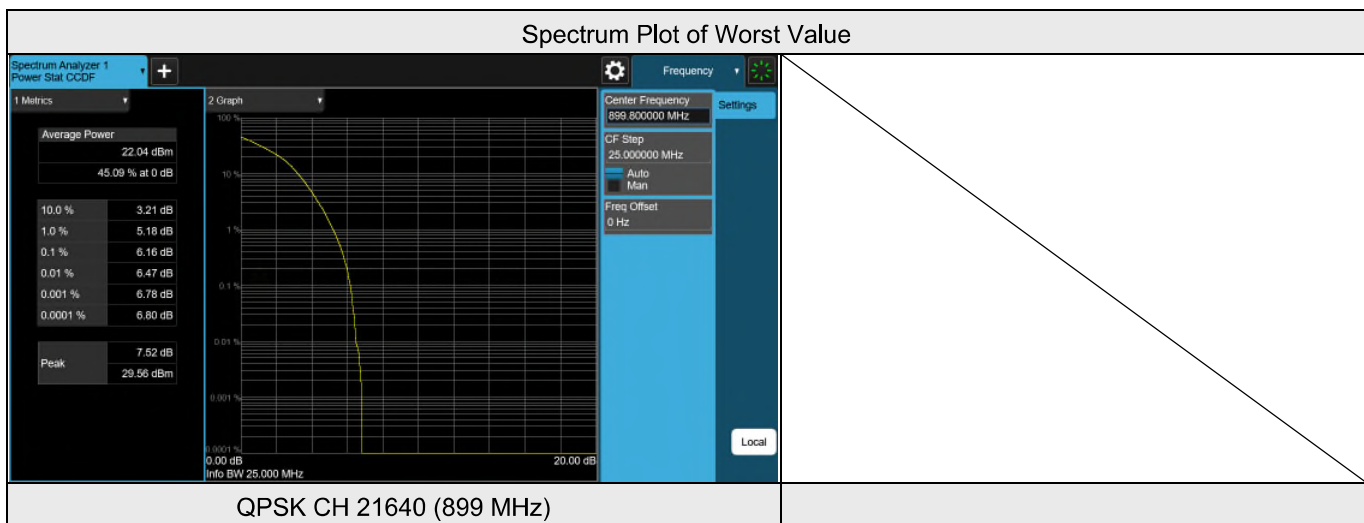
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	20450	829	9.35	13	PASS
QPSK	20525	836.5	11.39	13	PASS
QPSK	20600	844	11.72	13	PASS
16QAM	20450	829	8.40	13	PASS
16QAM	20525	836.5	11.88	13	PASS
16QAM	20600	844	7.98	13	PASS



7.3.4 Cat-M1 Band 8

Cat-M1 Band 8, Channel Bandwidth: 1.4 MHz

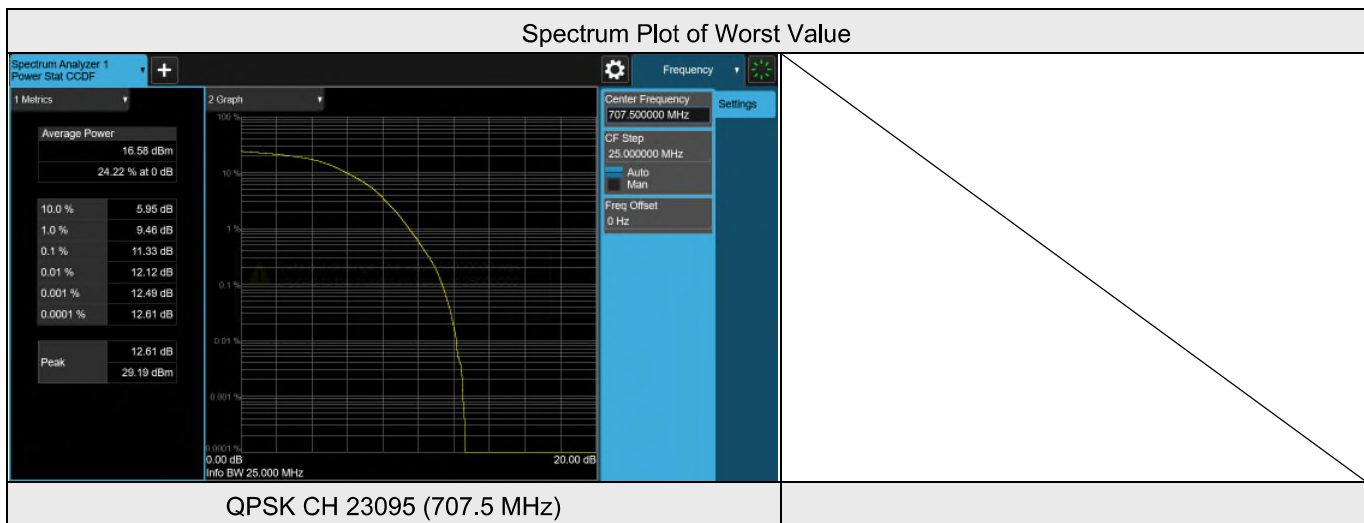
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	21632	898.2	5.79	13	PASS
QPSK	21640	899	6.16	13	PASS
QPSK	21648	899.8	5.19	13	PASS
16QAM	21632	898.2	5.18	13	PASS
16QAM	21640	899	5.14	13	PASS
16QAM	21648	899.8	5.84	13	PASS



7.3.5 Cat-M1 Band 12

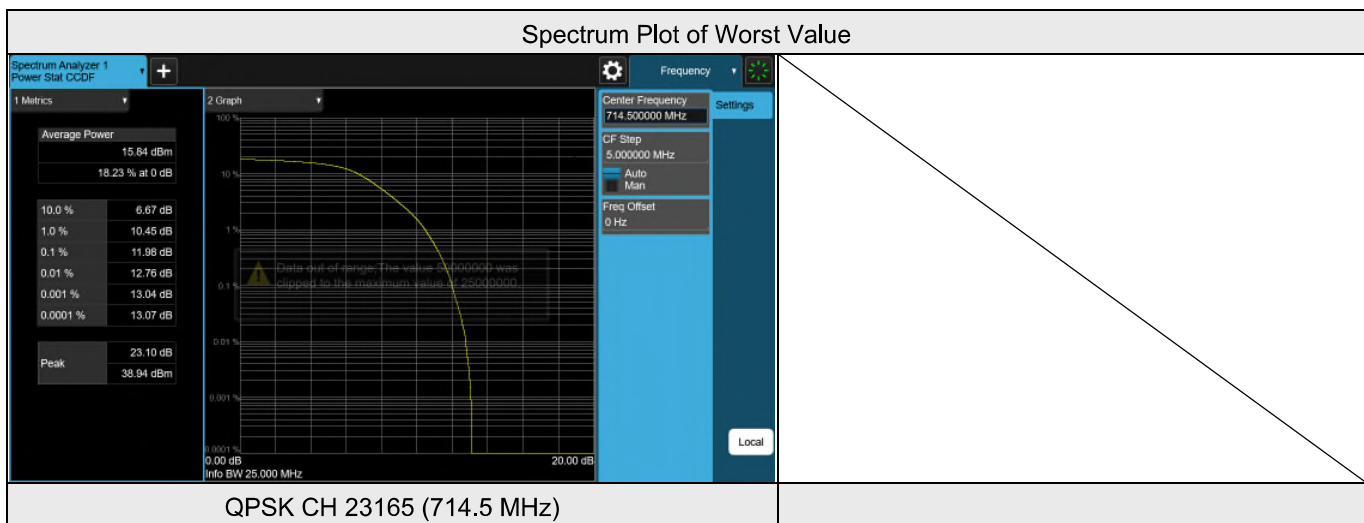
Cat-M1 Band 12, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23017	699.7	10.50	13	PASS
QPSK	23095	707.5	11.33	13	PASS
QPSK	23173	715.3	9.71	13	PASS
16QAM	23017	699.7	9.21	13	PASS
16QAM	23095	707.5	10.77	13	PASS
16QAM	23173	715.3	10.12	13	PASS



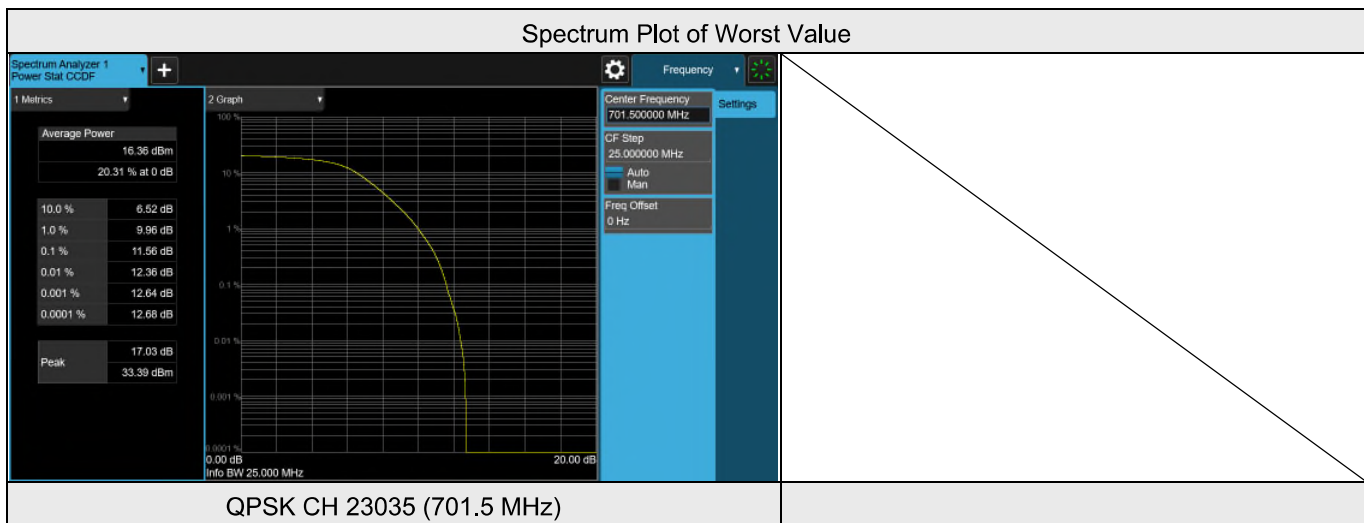
Cat-M1 Band 12, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23025	700.5	5.10	13	PASS
QPSK	23095	707.5	5.13	13	PASS
QPSK	23165	714.5	11.98	13	PASS
16QAM	23025	700.5	11.73	13	PASS
16QAM	23095	707.5	8.58	13	PASS
16QAM	23165	714.5	6.21	13	PASS



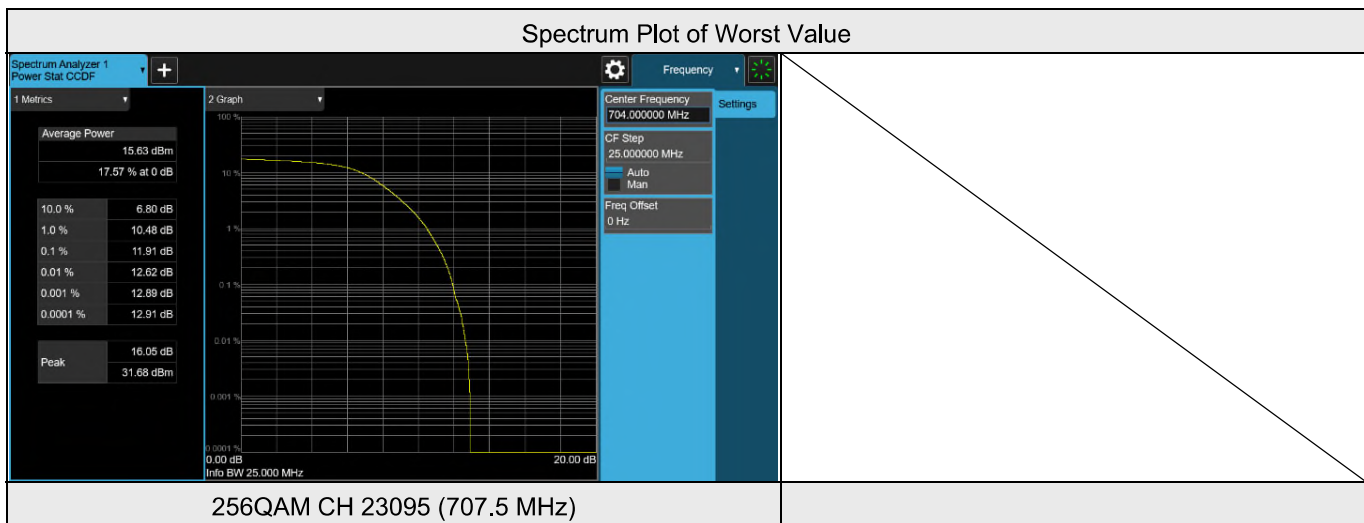
Cat-M1 Band 12, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23035	701.5	11.56	13	PASS
QPSK	23095	707.5	7.45	13	PASS
QPSK	23155	713.5	8.28	13	PASS
16QAM	23035	701.5	11.43	13	PASS
16QAM	23095	707.5	6.83	13	PASS
16QAM	23155	713.5	8.69	13	PASS



Cat-M1 Band 12, Channel Bandwidth: 10 MHz

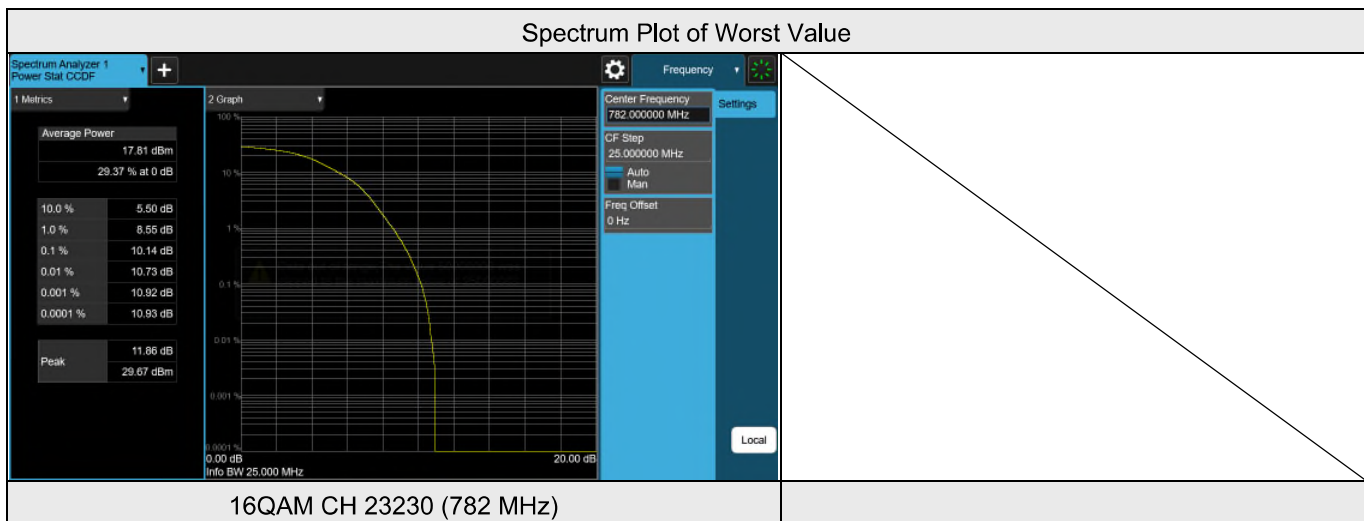
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23060	704	10.89	13	PASS
QPSK	23095	707.5	11.69	13	PASS
QPSK	23130	711	11.12	13	PASS
16QAM	23060	704	11.91	13	PASS
16QAM	23095	707.5	10.87	13	PASS
16QAM	23130	711	11.02	13	PASS



7.3.6 Cat-M1 Band 13

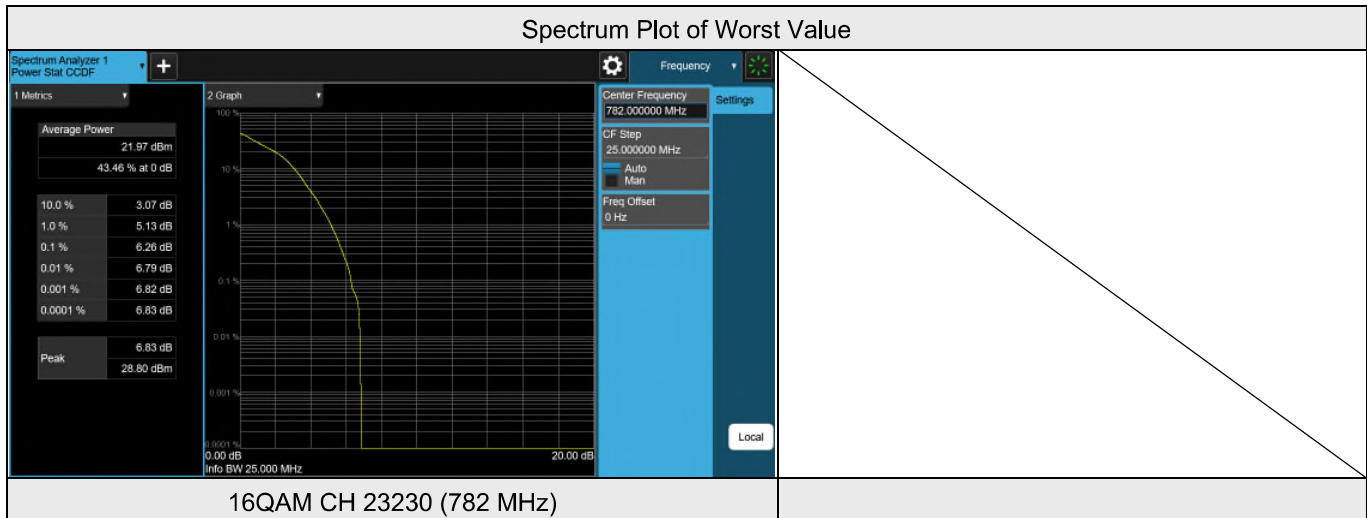
Cat-M1 Band 13, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23205	779.5	5.79	13	PASS
QPSK	23230	782	6.16	13	PASS
QPSK	23255	784.5	5.75	13	PASS
16QAM	23205	779.5	6.27	13	PASS
16QAM	23230	782	10.14	13	PASS
16QAM	23255	784.5	6.21	13	PASS



Cat-M1 Band 13, Channel Bandwidth: 10 MHz

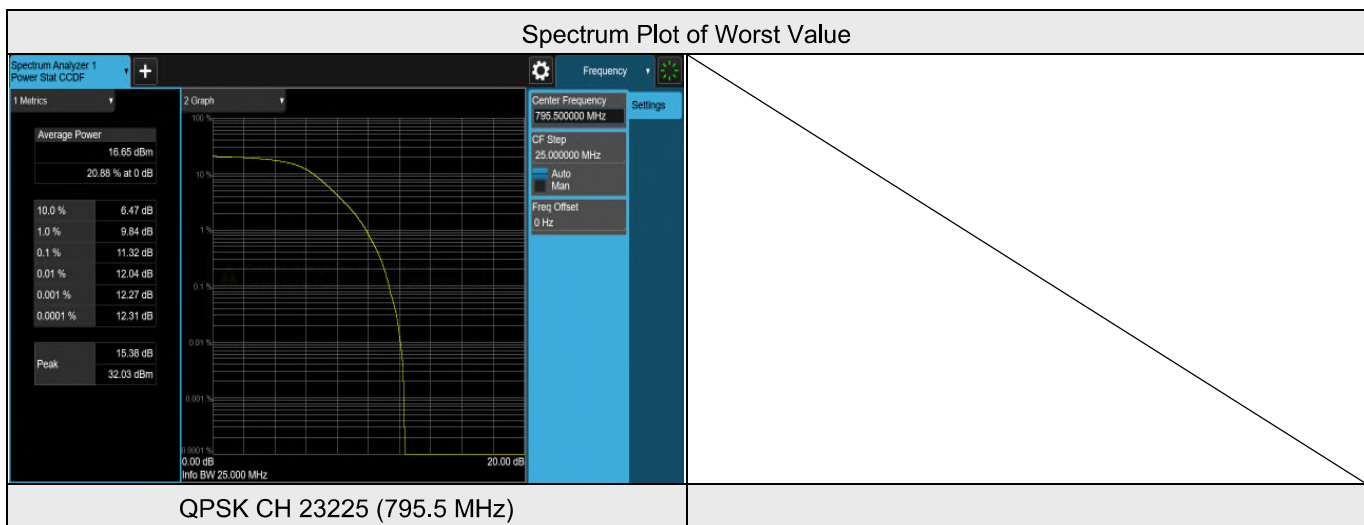
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23230	782	5.35	13	PASS
16QAM	23230	782	6.26	13	PASS



7.3.7 Cat-M1 Band 14

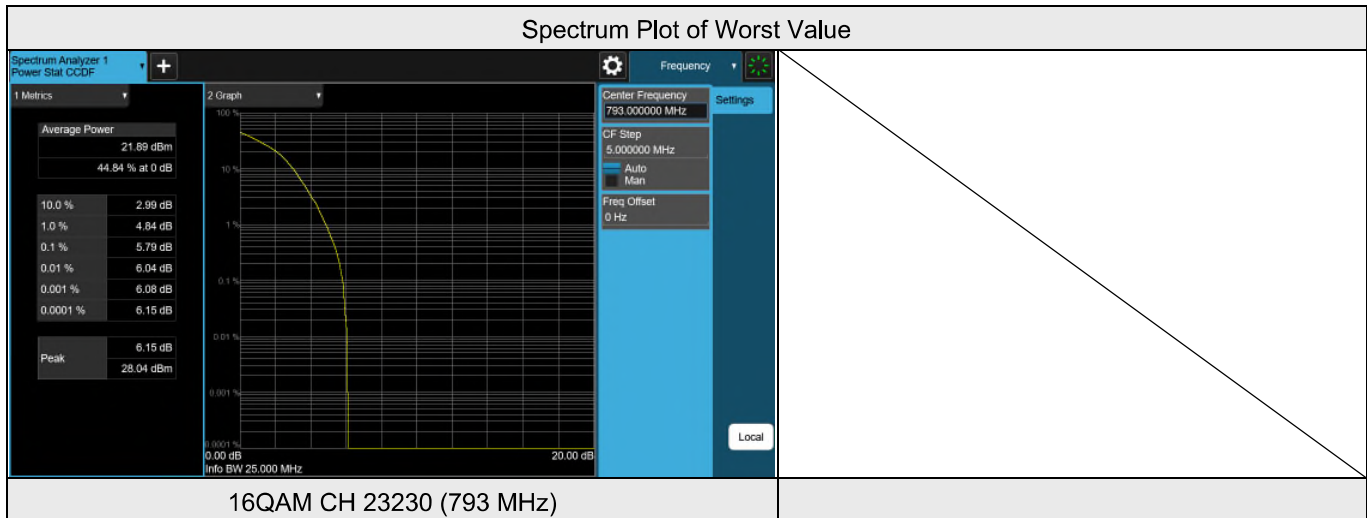
Cat-M1 Band 14, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23205	790.5	10.33	13	PASS
QPSK	23230	793	10.62	13	PASS
QPSK	23255	795.5	11.32	13	PASS
16QAM	23205	790.5	7.96	13	PASS
16QAM	23230	793	8.76	13	PASS
16QAM	23255	795.5	10.90	13	PASS



Cat-M1 Band 14, Channel Bandwidth: 10 MHz

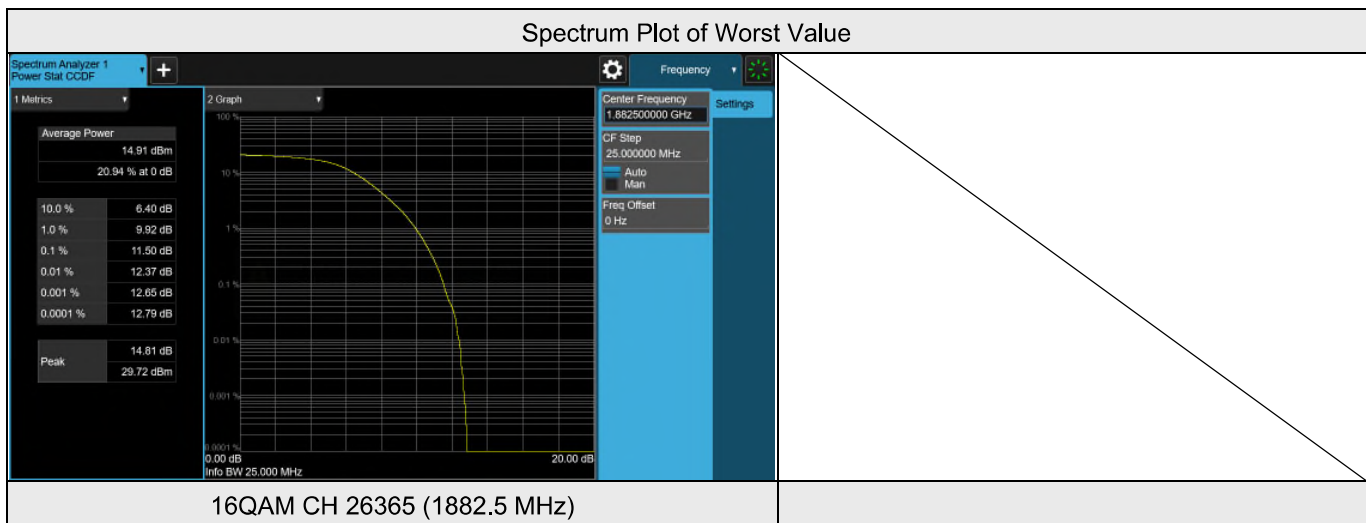
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23230	793	5.21	13	PASS
16QAM	23230	793	5.79	13	PASS



7.3.8 Cat-M1 Band 25

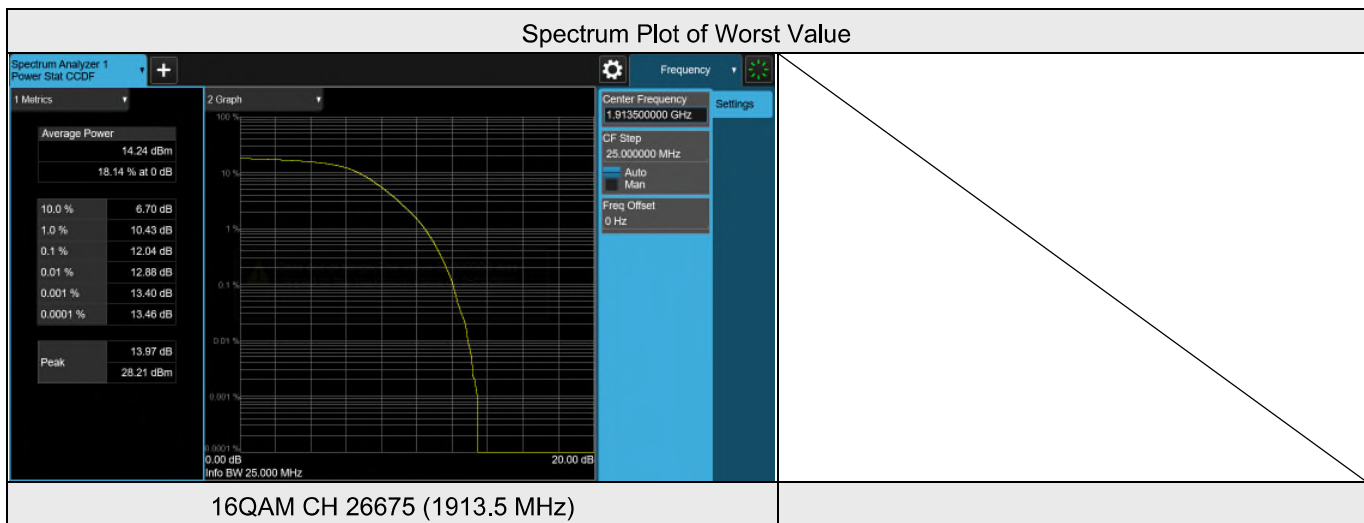
Cat-M1 Band 25, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26047	1850.7	9.92	13	PASS
QPSK	26365	1882.5	10.39	13	PASS
QPSK	26683	1914.3	9.79	13	PASS
16QAM	26047	1850.7	8.43	13	PASS
16QAM	26365	1882.5	11.50	13	PASS
16QAM	26683	1914.3	9.66	13	PASS



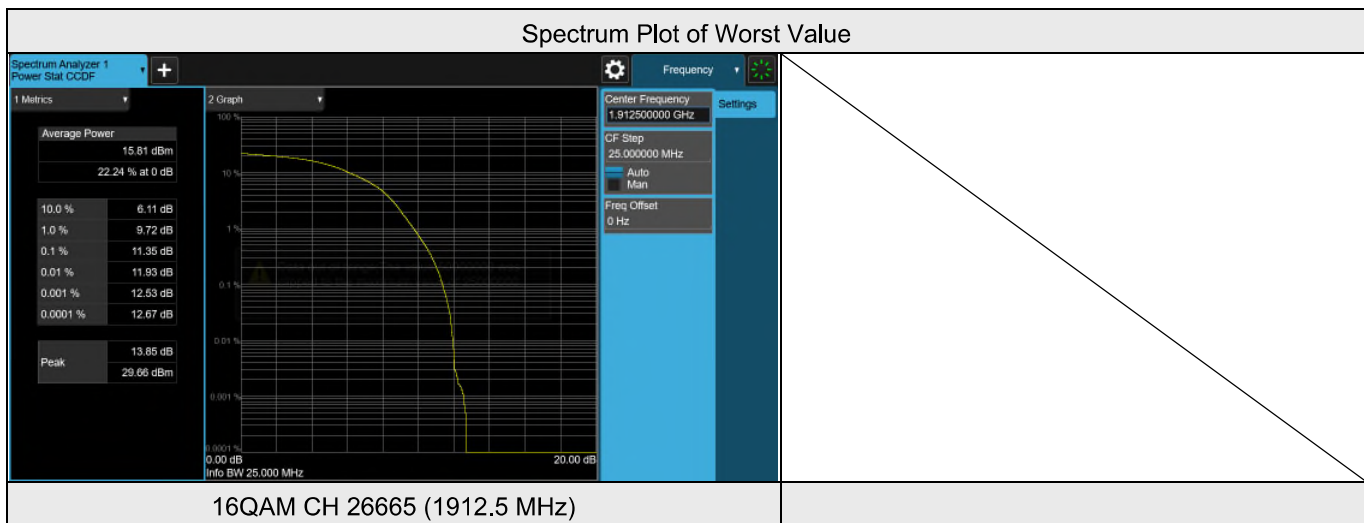
Cat-M1 Band 25, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26055	1851.5	9.25	13	PASS
QPSK	26365	1882.5	9.61	13	PASS
QPSK	26675	1913.5	5.79	13	PASS
16QAM	26055	1851.5	7.93	13	PASS
16QAM	26365	1882.5	11.07	13	PASS
16QAM	26675	1913.5	12.04	13	PASS



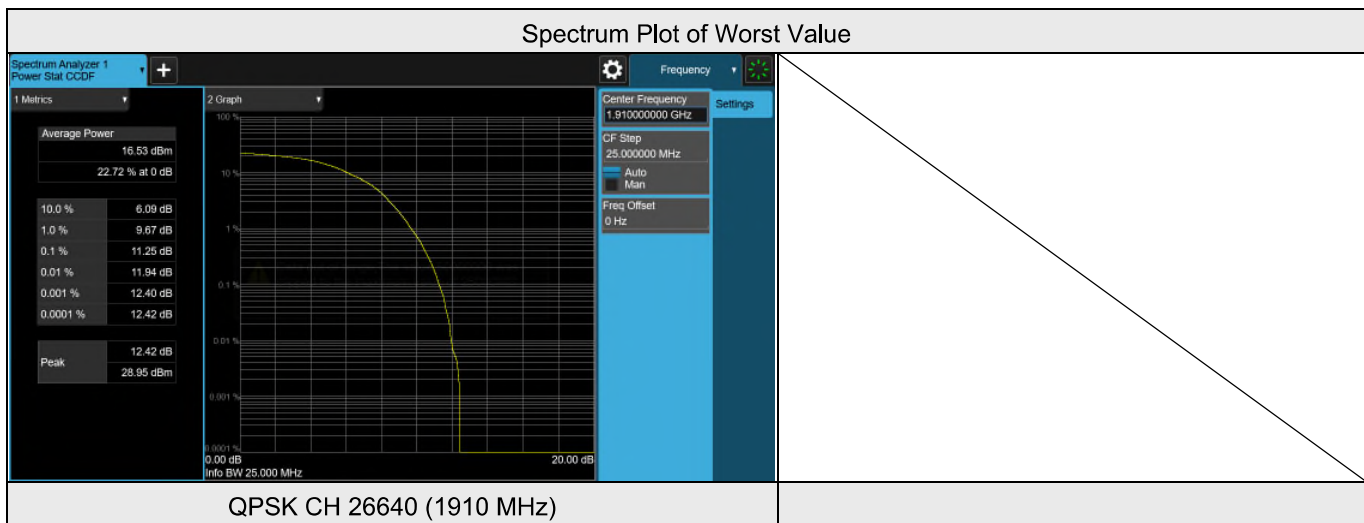
Cat-M1 Band 25, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26065	1852.5	5.05	13	PASS
QPSK	26365	1882.5	10.23	13	PASS
QPSK	26665	1912.5	8.41	13	PASS
16QAM	26065	1852.5	10.75	13	PASS
16QAM	26365	1882.5	8.25	13	PASS
16QAM	26665	1912.5	11.35	13	PASS



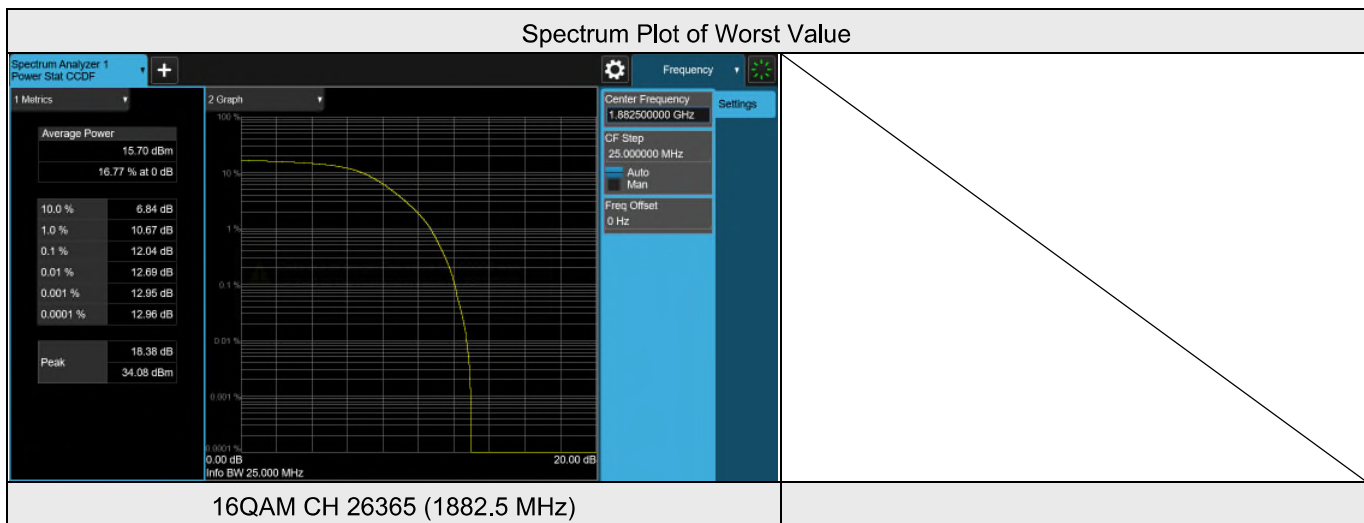
Cat-M1 Band 25, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26090	1855	8.94	13	PASS
QPSK	26365	1882.5	7.65	13	PASS
QPSK	26640	1910	11.25	13	PASS
16QAM	26090	1855	5.79	13	PASS
16QAM	26365	1882.5	5.79	13	PASS
16QAM	26640	1910	10.90	13	PASS



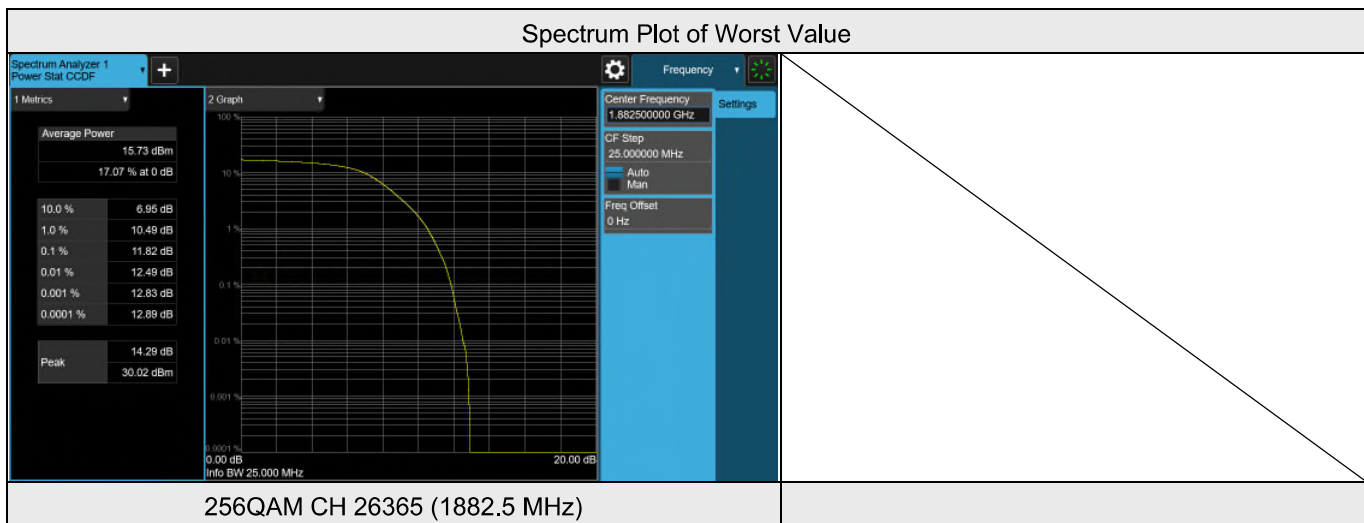
Cat-M1 Band 25, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26115	1857.5	9.67	13	PASS
QPSK	26365	1882.5	11.12	13	PASS
QPSK	26615	1907.5	5.79	13	PASS
16QAM	26115	1857.5	8.43	13	PASS
16QAM	26365	1882.5	12.04	13	PASS
16QAM	26615	1907.5	10.40	13	PASS



Cat-M1 Band 25, Channel Bandwidth: 20 MHz

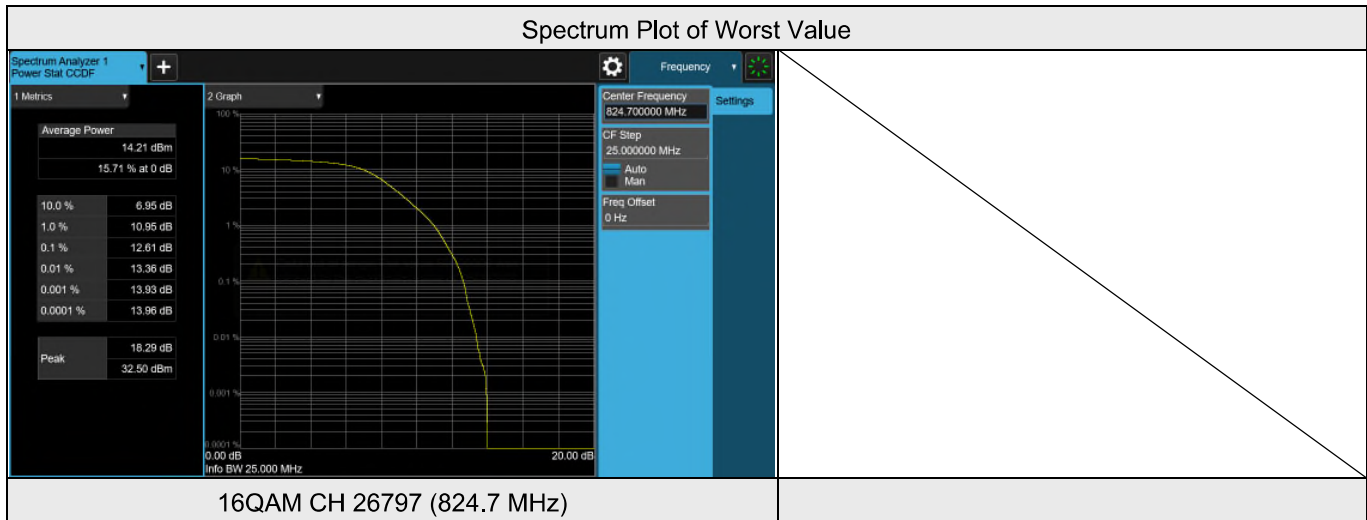
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26140	1860	6.61	13	PASS
QPSK	26365	1882.5	11.12	13	PASS
QPSK	26590	1905	5.21	13	PASS
16QAM	26140	1860	5.30	13	PASS
16QAM	26365	1882.5	11.82	13	PASS
16QAM	26590	1905	10.34	13	PASS



7.3.9 Cat-M1 Band 26 (Part 22)

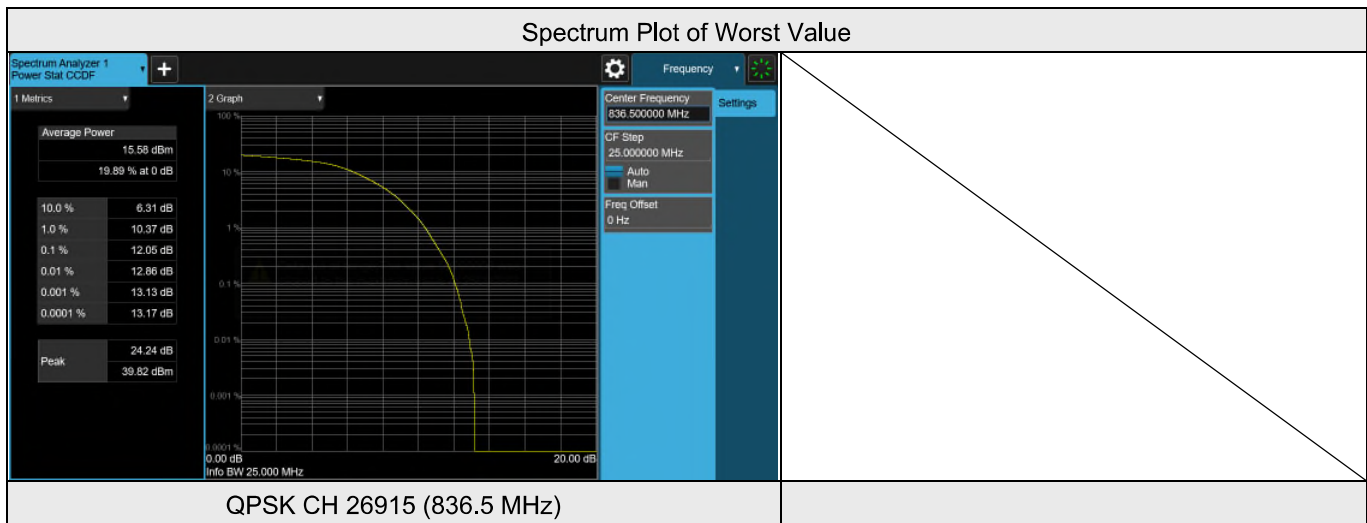
Cat-M1 Band 26, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26797	824.7	9.98	13	PASS
QPSK	26915	836.5	12.01	13	PASS
QPSK	27033	848.3	11.50	13	PASS
16QAM	26797	824.7	12.61	13	PASS
16QAM	26915	836.5	10.79	13	PASS
16QAM	27033	848.3	11.75	13	PASS



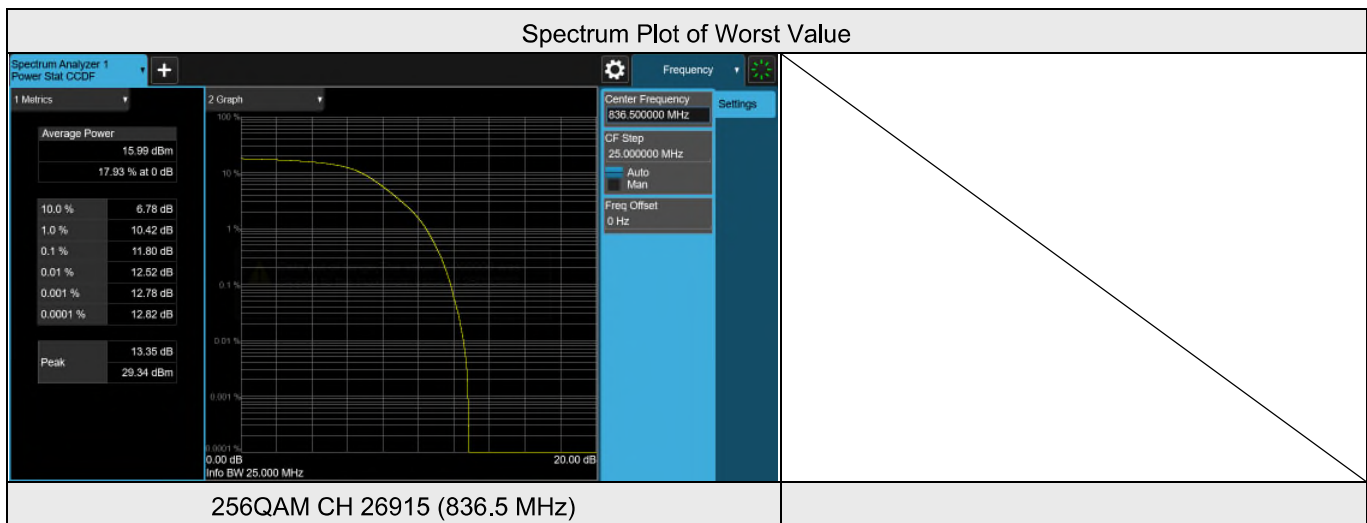
Cat-M1 Band 26, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26805	825.5	9.94	13	PASS
QPSK	26915	836.5	12.05	13	PASS
QPSK	27025	847.5	7.83	13	PASS
16QAM	26805	825.5	11.91	13	PASS
16QAM	26915	836.5	8.45	13	PASS
16QAM	27025	847.5	6.69	13	PASS



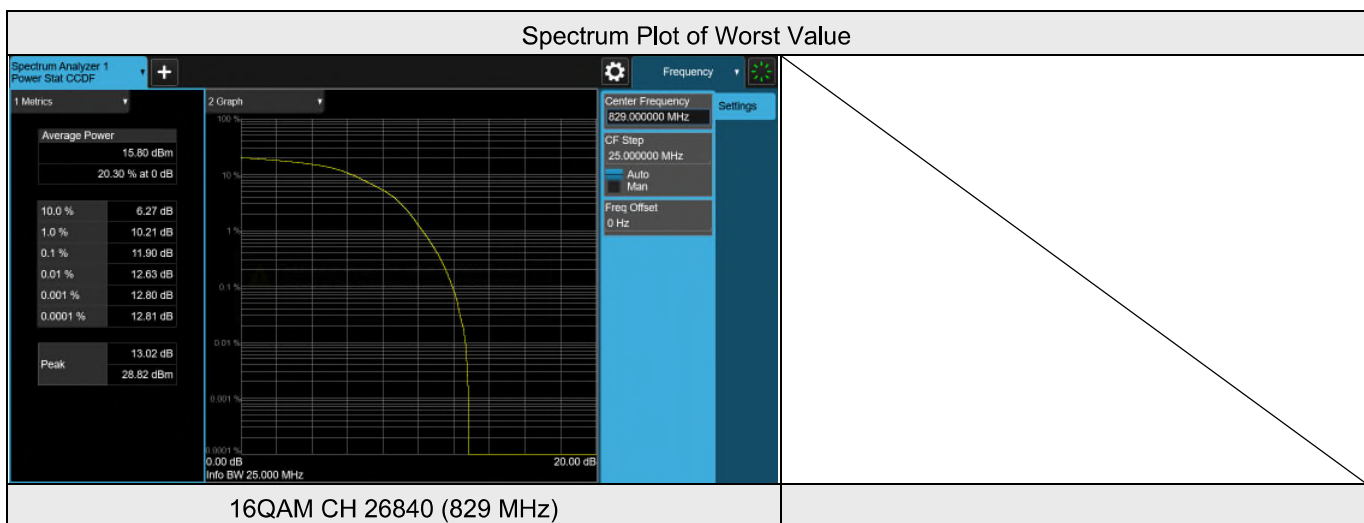
Cat-M1 Band 26, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26815	826.5	7.81	13	PASS
QPSK	26915	836.5	11.80	13	PASS
QPSK	27015	846.5	10.99	13	PASS
16QAM	26815	826.5	10.91	13	PASS
16QAM	26915	836.5	9.93	13	PASS
16QAM	27015	846.5	5.10	13	PASS



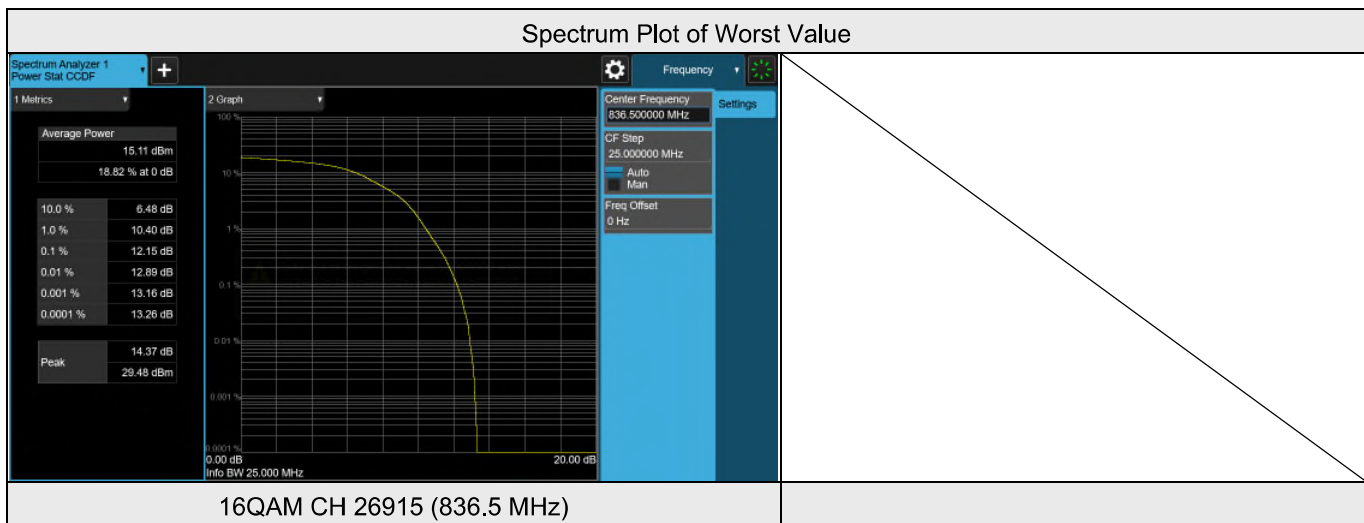
Cat-M1 Band 26, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26840	829	8.52	13	PASS
QPSK	26915	836.5	9.34	13	PASS
QPSK	26990	844	11.57	13	PASS
16QAM	26840	829	11.90	13	PASS
16QAM	26915	836.5	9.66	13	PASS
16QAM	26990	844	7.98	13	PASS



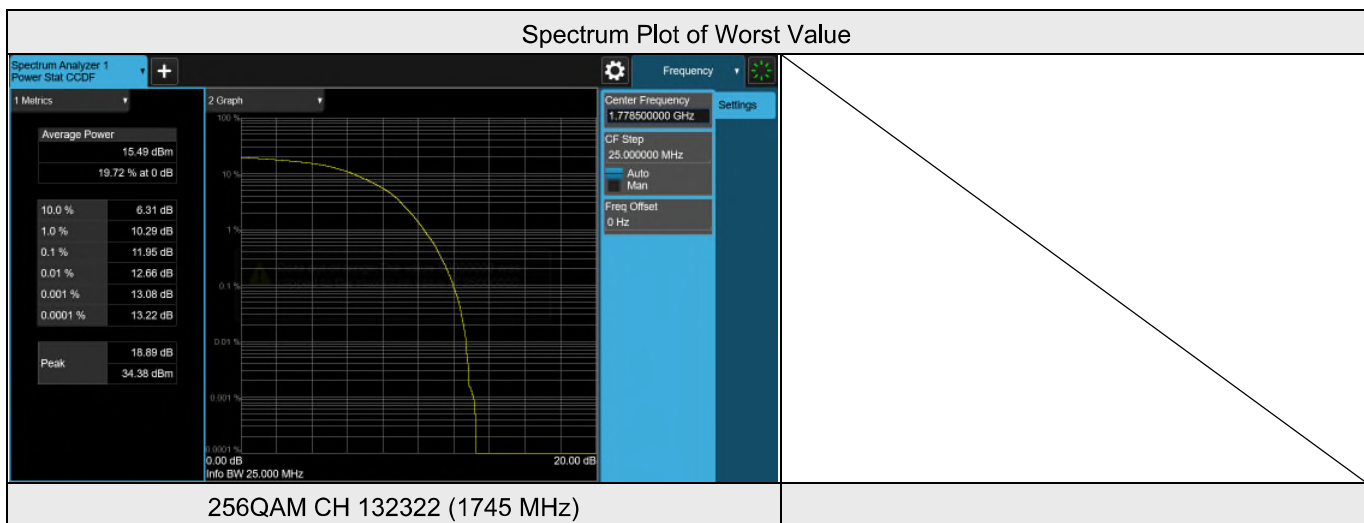
Cat-M1 Band 26, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26865	831.5	5.65	13	PASS
QPSK	26915	836.5	11.61	13	PASS
QPSK	26965	841.5	10.10	13	PASS
16QAM	26865	831.5	10.71	13	PASS
16QAM	26915	836.5	12.15	13	PASS
16QAM	26965	841.5	10.96	13	PASS



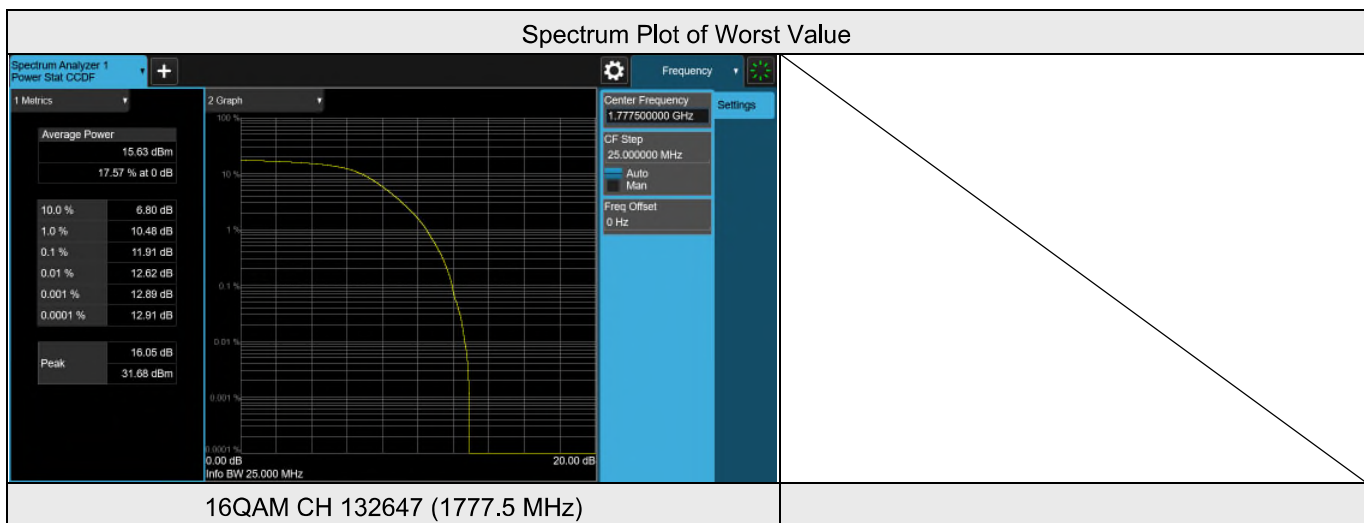
Cat-M1 Band 66, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	131987	1711.5	11.65	13	PASS
QPSK	132322	1745	11.56	13	PASS
QPSK	132657	1778.5	11.83	13	PASS
16QAM	131987	1711.5	9.31	13	PASS
16QAM	132322	1745	9.35	13	PASS
16QAM	132657	1778.5	11.95	13	PASS



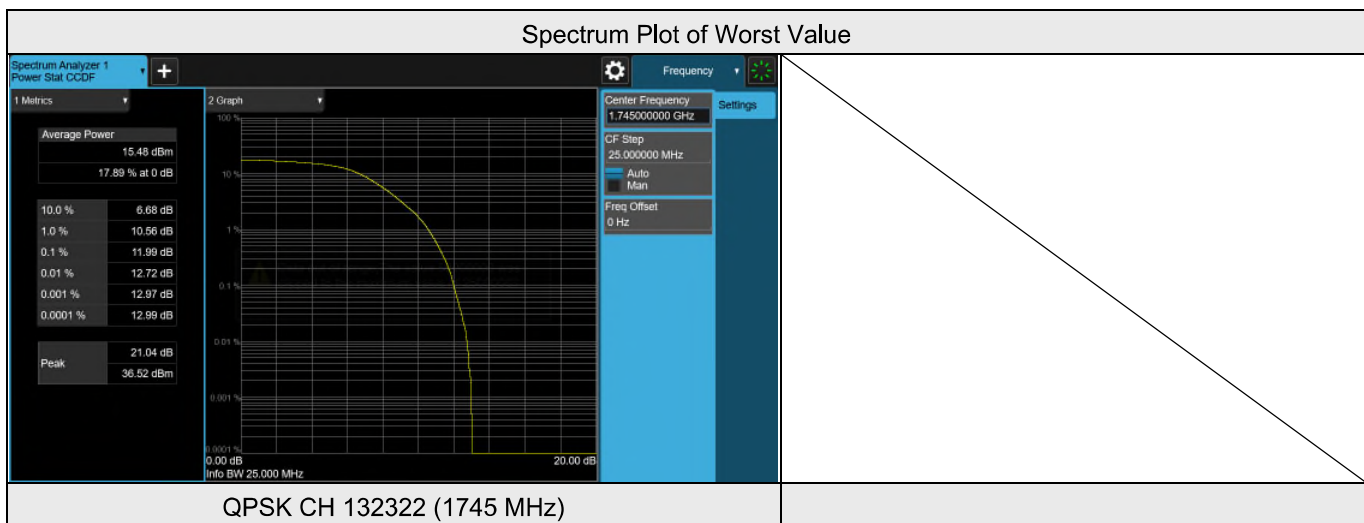
Cat-M1 Band 66, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	131997	1712.5	8.46	13	PASS
QPSK	132322	1745	8.28	13	PASS
QPSK	132647	1777.5	10.22	13	PASS
16QAM	131997	1712.5	9.03	13	PASS
16QAM	132322	1745	5.19	13	PASS
16QAM	132647	1777.5	11.91	13	PASS



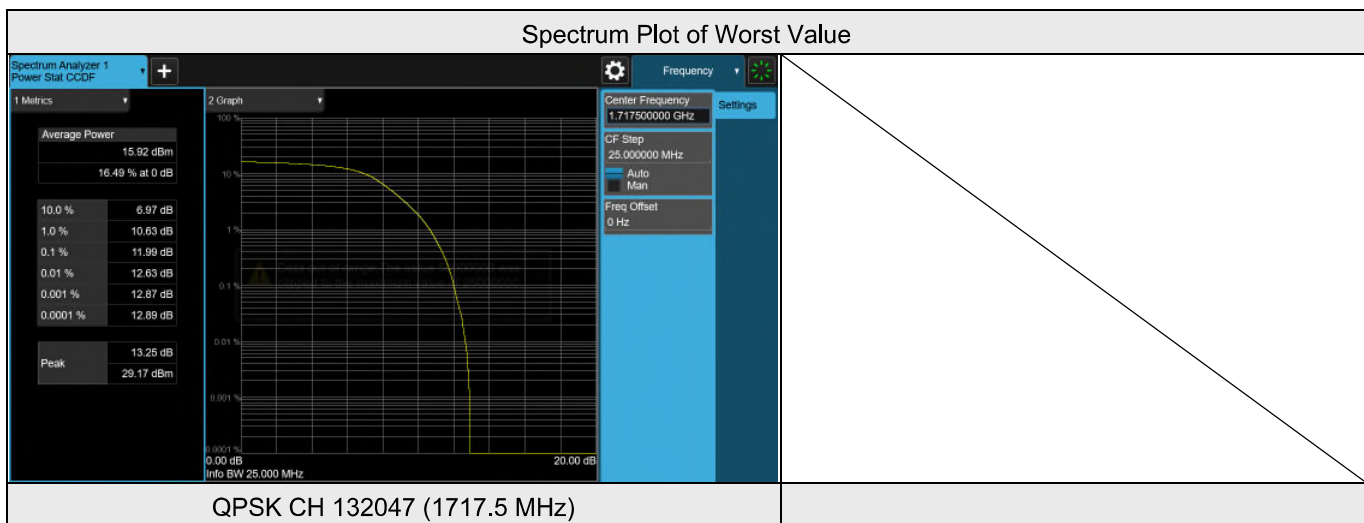
Cat-M1 Band 66, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	132022	1715	11.77	13	PASS
QPSK	132322	1745	11.99	13	PASS
QPSK	132622	1775	9.74	13	PASS
16QAM	132022	1715	9.99	13	PASS
16QAM	132322	1745	9.35	13	PASS
16QAM	132622	1775	9.44	13	PASS



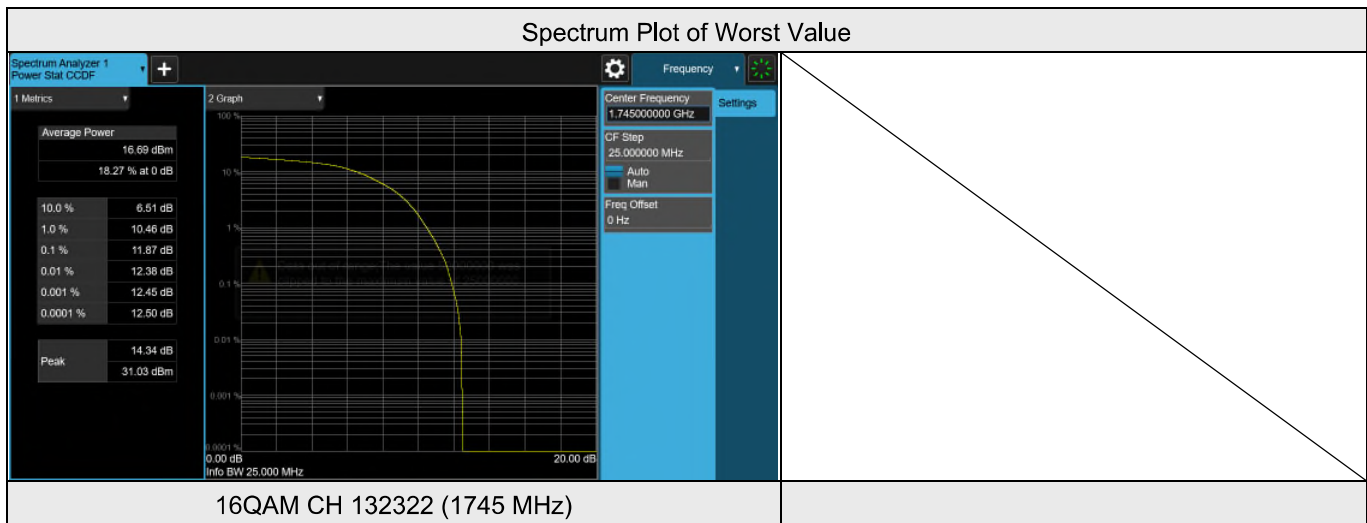
Cat-M1 Band 66, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	132047	1717.5	11.99	13	PASS
QPSK	132322	1745	10.28	13	PASS
QPSK	132597	1772.5	11.98	13	PASS
16QAM	132047	1717.5	9.84	13	PASS
16QAM	132322	1745	11.19	13	PASS
16QAM	132597	1772.5	8.68	13	PASS



Cat-M1 Band 66, Channel Bandwidth: 20 MHz

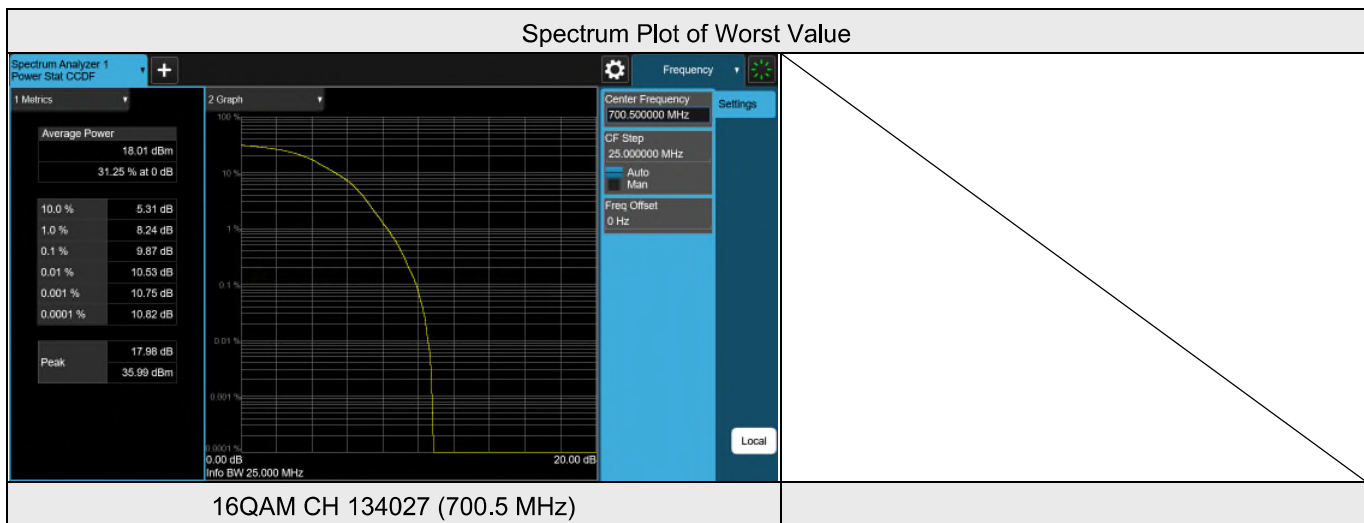
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	132072	1720	11.66	13	PASS
QPSK	132322	1745	8.93	13	PASS
QPSK	132572	1770	5.13	13	PASS
16QAM	132072	1720	8.42	13	PASS
16QAM	132322	1745	11.87	13	PASS
16QAM	132572	1770	7.88	13	PASS



7.3.11 Cat-M1 Band 85

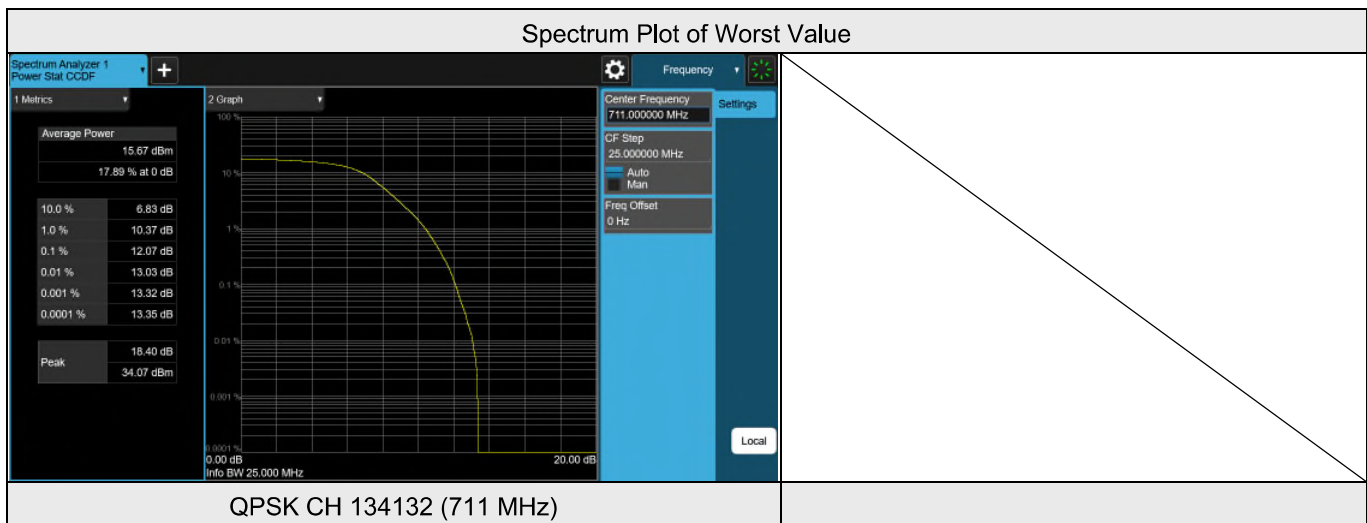
Cat-M1 Band 85, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	134027	700.5	8.35	13	PASS
QPSK	134092	707	9.18	13	PASS
QPSK	134157	713.5	9.72	13	PASS
16QAM	134027	700.5	9.87	13	PASS
16QAM	134092	707	5.18	13	PASS
16QAM	134157	713.5	5.14	13	PASS



Cat-M1 Band 85, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	134052	703	8.51	13	PASS
QPSK	134092	707	10.30	13	PASS
QPSK	134132	711	12.07	13	PASS
16QAM	132022	703	11.60	13	PASS
16QAM	132322	707	9.89	13	PASS
16QAM	132622	711	11.68	13	PASS



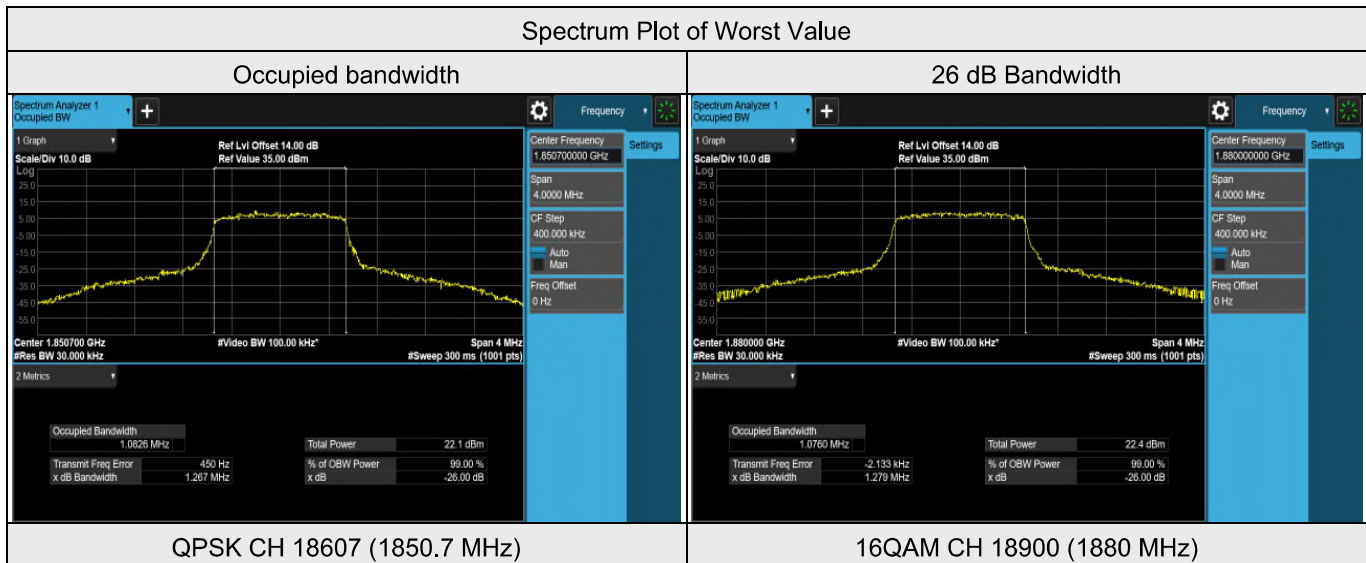
7.4 Bandwidth

Input Power:	3.8 Vdc	Environmental Conditions:	22°C, 75% RH	Tested By:	Match Tsui
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7.4.1 Cat-M1 Band 2

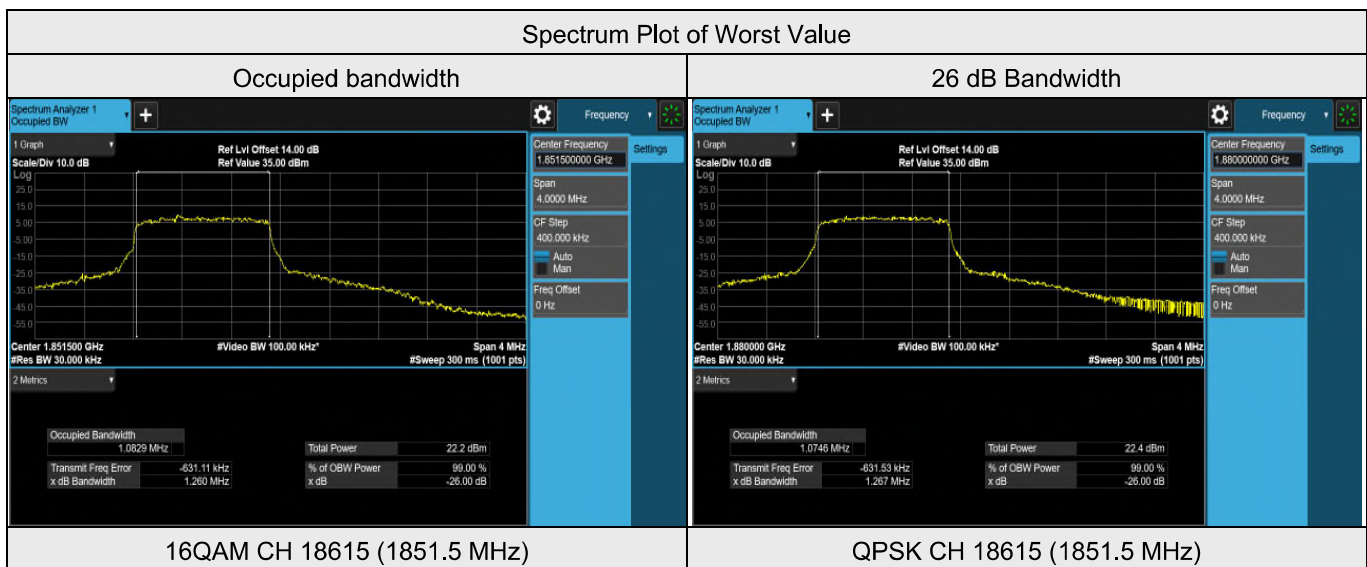
Cat-M1 Band 2, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18607	1850.7	1.0826	1.267
QPSK	18900	1880	1.0818	1.263
QPSK	19193	1909.3	1.0800	1.266
16QAM	18607	1850.7	1.0773	1.269
16QAM	18900	1880	1.0760	1.279
16QAM	19193	1909.3	1.0763	1.265



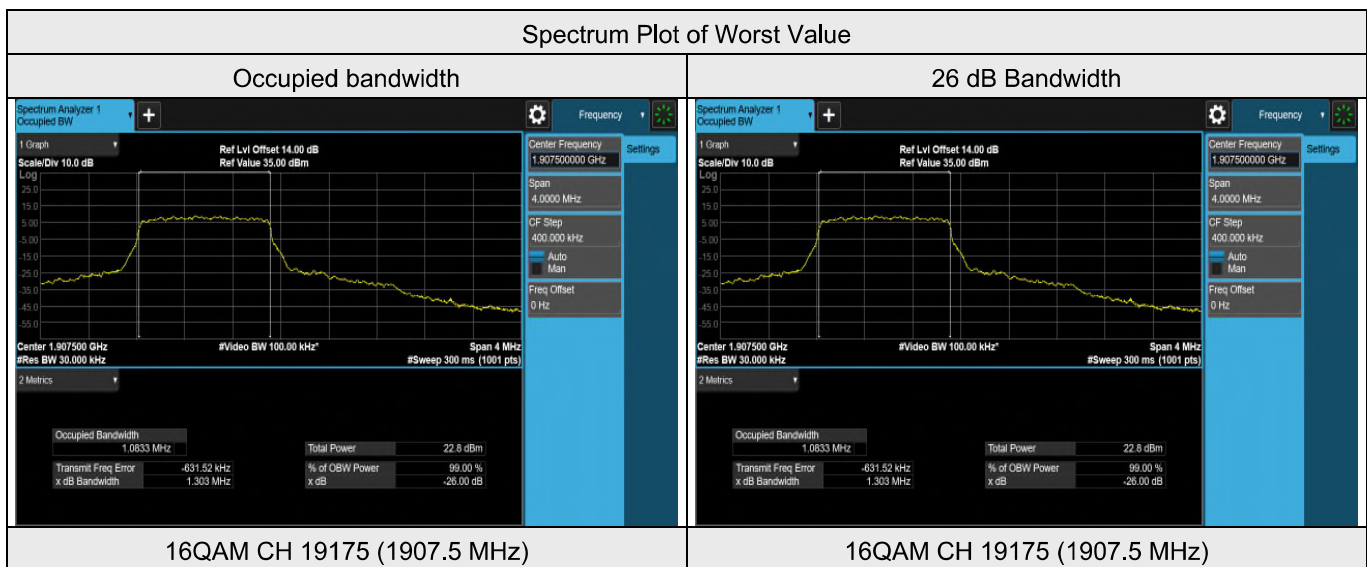
Cat-M1 Band 2, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18615	1851.5	1.0750	1.265
QPSK	18900	1880	1.0746	1.267
QPSK	19185	1908.5	1.0737	1.265
16QAM	18615	1851.5	1.0829	1.260
16QAM	18900	1880	1.0810	1.258
16QAM	19185	1908.5	1.0806	1.262



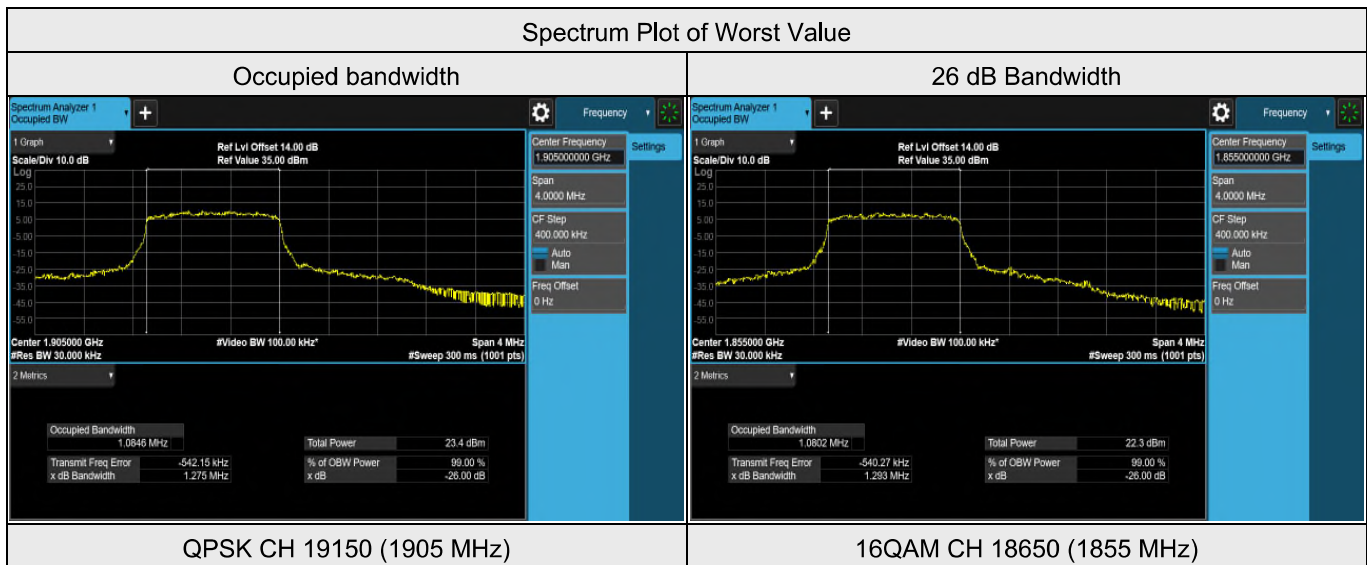
Cat-M1 Band 2, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18625	1852.5	1.0822	1.270
QPSK	18900	1880	1.0816	1.255
QPSK	19175	1907.5	1.0796	1.263
16QAM	18625	1852.5	1.0799	1.293
16QAM	18900	1880	1.0815	1.286
16QAM	19175	1907.5	1.0833	1.303



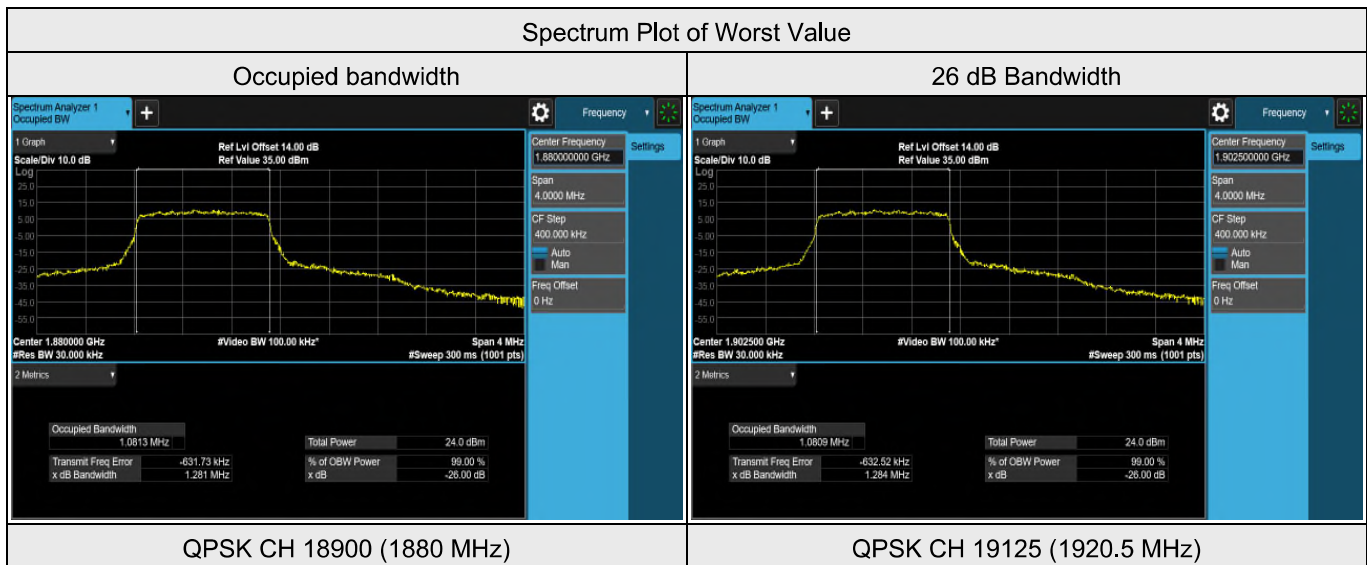
Cat-M1 Band 2, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18650	1855	1.0823	1.271
QPSK	18900	1880	1.0829	1.268
QPSK	19150	1905	1.0846	1.275
16QAM	18650	1855	1.0802	1.293
16QAM	18900	1880	1.0813	1.286
16QAM	19150	1905	1.0813	1.290



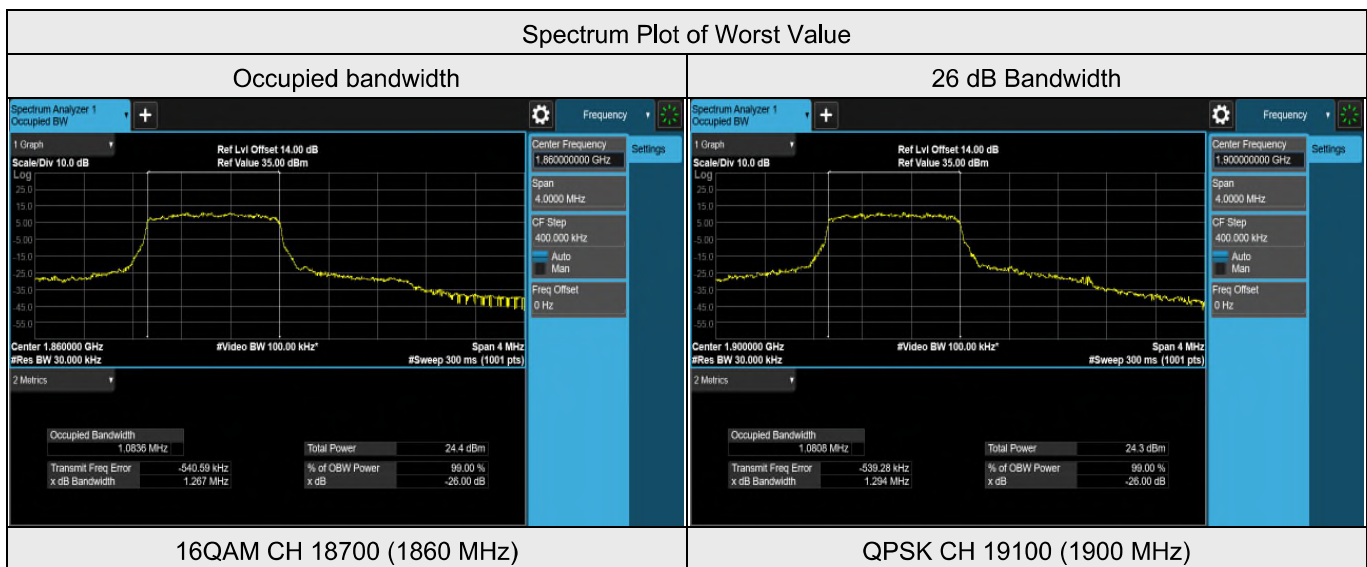
Cat-M1 Band 2, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18675	1857.5	1.0810	1.282
QPSK	18900	1880	1.0813	1.281
QPSK	19125	1902.5	1.0809	1.284
16QAM	18675	1857.5	1.0809	1.256
16QAM	18900	1880	1.0798	1.268
16QAM	19125	1902.5	1.0810	1.266



Cat-M1 Band 2, Channel Bandwidth: 20 MHz

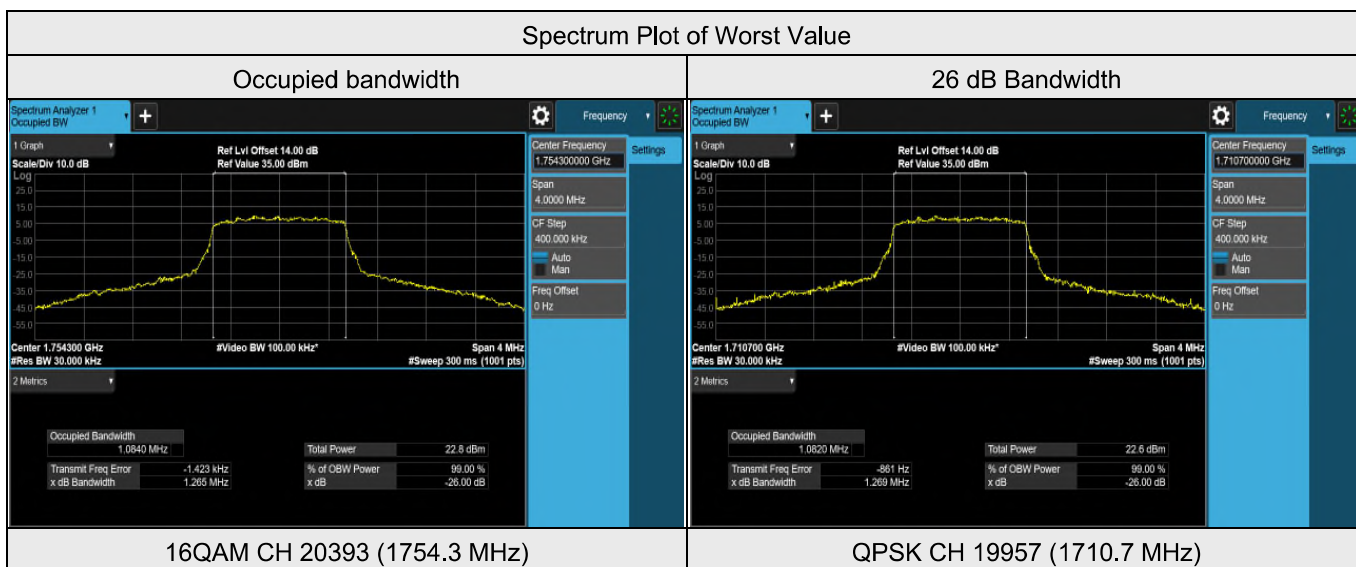
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18700	1860	1.0810	1.289
QPSK	18900	1880	1.0832	1.268
QPSK	19100	1900	1.0808	1.294
16QAM	18700	1860	1.0836	1.267
16QAM	18900	1880	1.0817	1.289
16QAM	19100	1900	1.0832	1.266



7.4.2 Cat-M1 Band 4

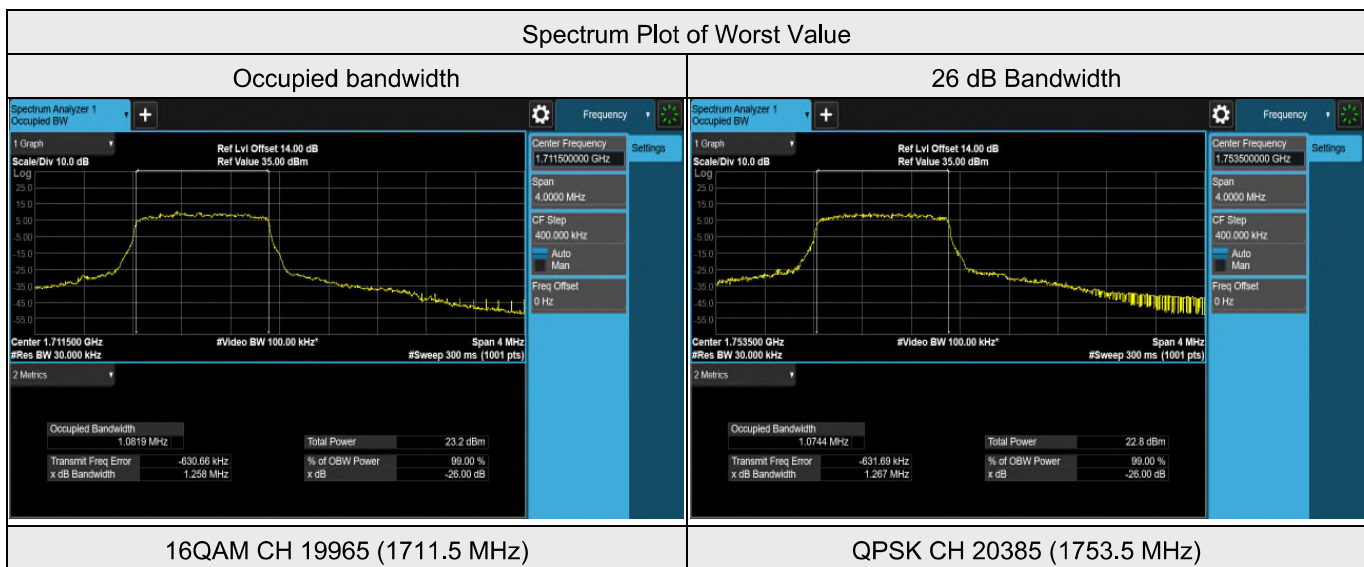
Cat-M1 Band 4, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	19957	1710.7	1.0820	1.269
QPSK	20175	1732.5	1.0765	1.268
QPSK	20393	1754.3	1.0757	1.262
16QAM	19957	1710.7	1.0743	1.269
16QAM	20175	1732.5	1.0820	1.266
16QAM	20393	1754.3	1.0840	1.265



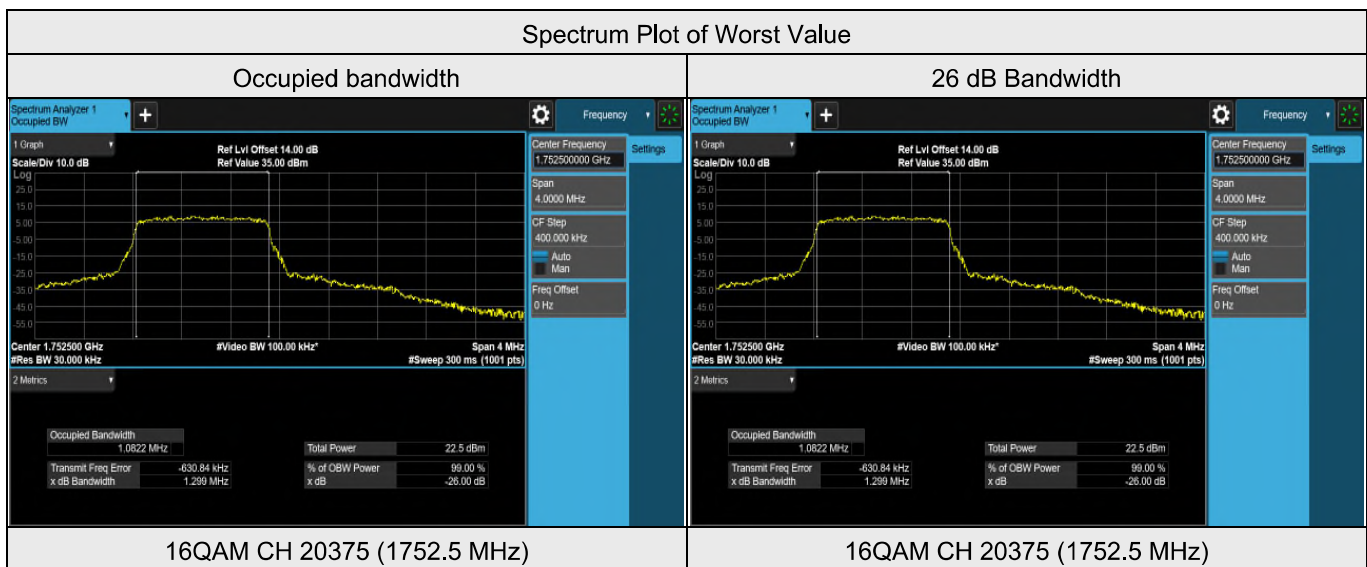
Cat-M1 Band 4, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	19965	1711.5	1.0746	1.263
QPSK	20175	1732.5	1.0726	1.257
QPSK	20385	1753.5	1.0744	1.267
16QAM	19965	1711.5	1.0819	1.258
16QAM	20175	1732.5	1.0808	1.258
16QAM	20385	1753.5	1.0819	1.260



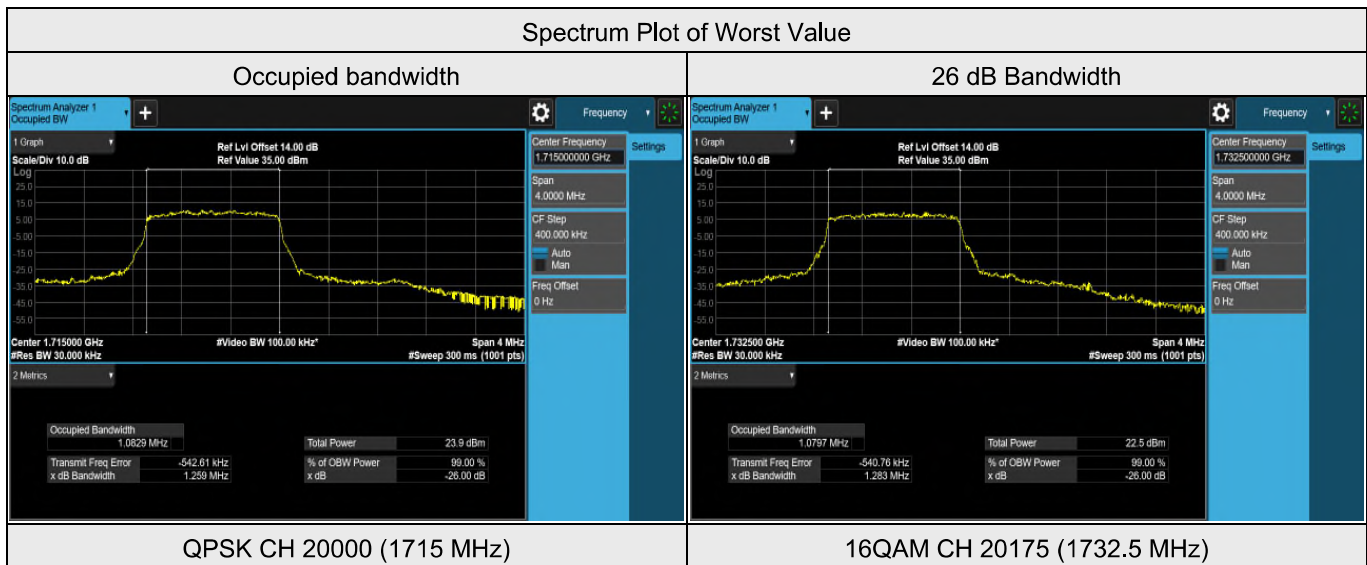
Cat-M1 Band 4, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	19975	1712.5	1.0789	1.251
QPSK	20175	1732.5	1.0782	1.248
QPSK	20375	1752.5	1.0806	1.254
16QAM	19975	1712.5	1.0801	1.281
16QAM	20175	1732.5	1.0797	1.274
16QAM	20375	1752.5	1.0822	1.299



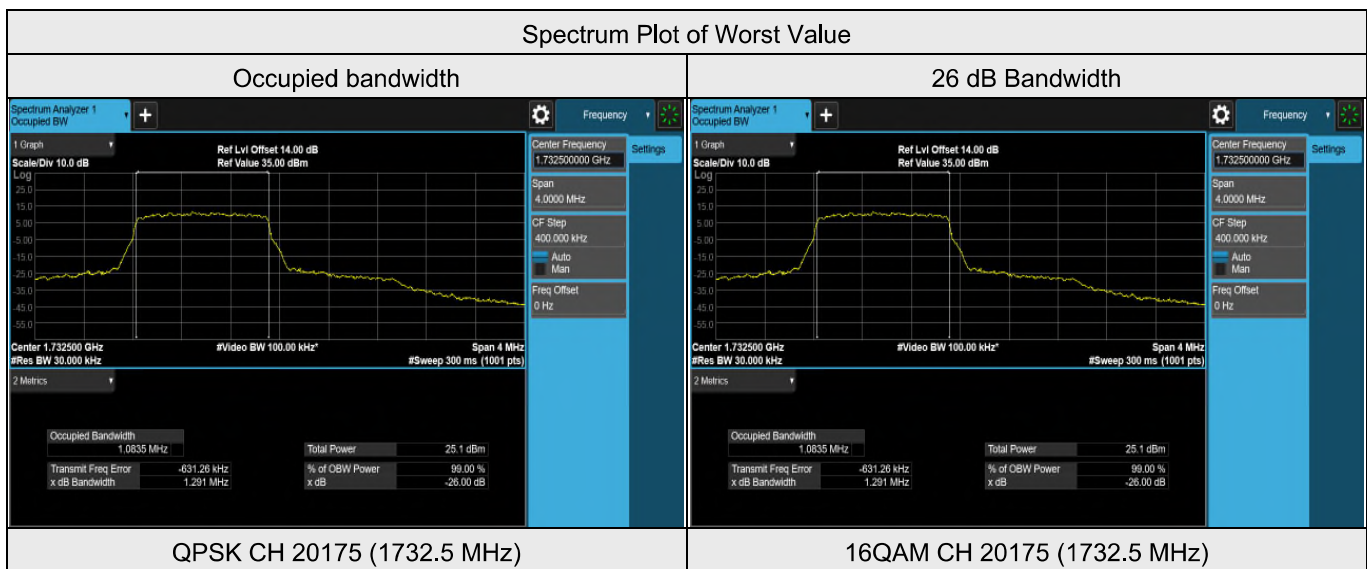
Cat-M1 Band 4, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20000	1715	1.0829	1.259
QPSK	20175	1732.5	1.0817	1.260
QPSK	20350	1750	1.0826	1.266
16QAM	20000	1715	1.0788	1.280
16QAM	20175	1732.5	1.0797	1.283
16QAM	20350	1750	1.0793	1.279



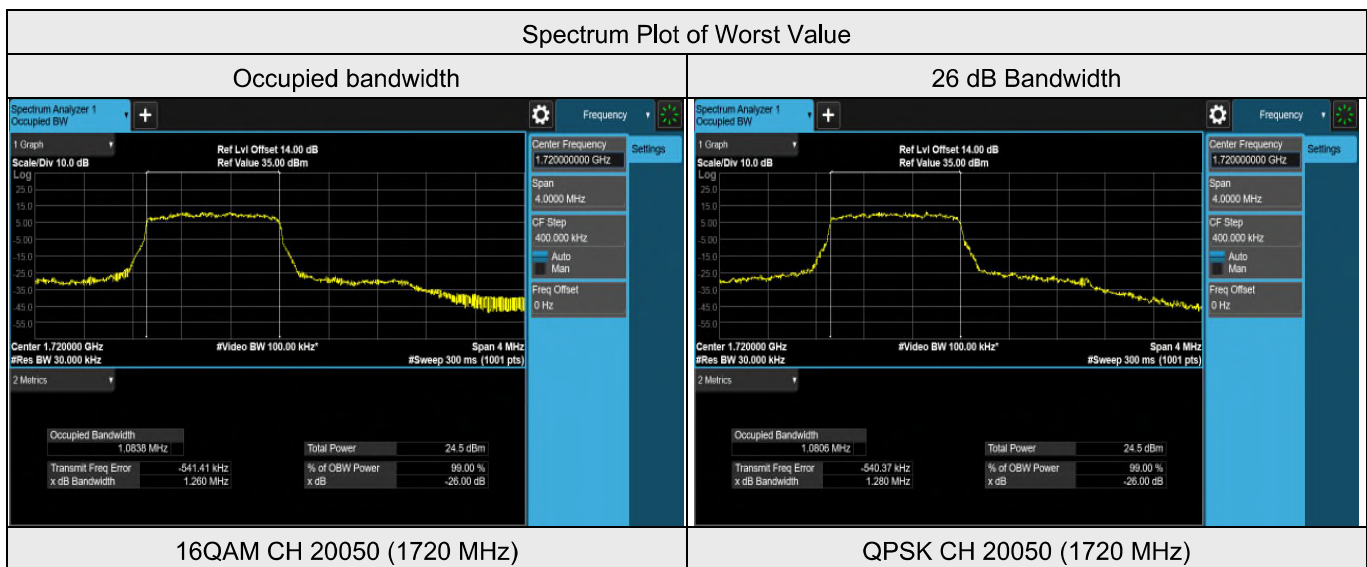
Cat-M1 Band 4, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20025	1717.5	1.0794	1.252
QPSK	20175	1732.5	1.0835	1.291
QPSK	20325	1747.5	1.0794	1.283
16QAM	20025	1717.5	1.0810	1.280
16QAM	20175	1732.5	1.0797	1.278
16QAM	20325	1747.5	1.0785	1.255



Cat-M1 Band 4, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20050	1720	1.0806	1.280
QPSK	20175	1732.5	1.0808	1.260
QPSK	20300	1745	1.0830	1.257
16QAM	20050	1720	1.0838	1.260
16QAM	20175	1732.5	1.0805	1.261
16QAM	20300	1745	1.0795	1.276



7.4.3 Cat-M1 Band 5

Cat-M1 Band 5, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20407	824.7	1.0819	1.252
QPSK	20525	836.5	1.0732	1.261
QPSK	20643	848.3	1.0743	1.265
16QAM	20407	824.7	1.0757	1.256
16QAM	20525	836.5	1.0829	1.270
16QAM	20643	848.3	1.0802	1.255

