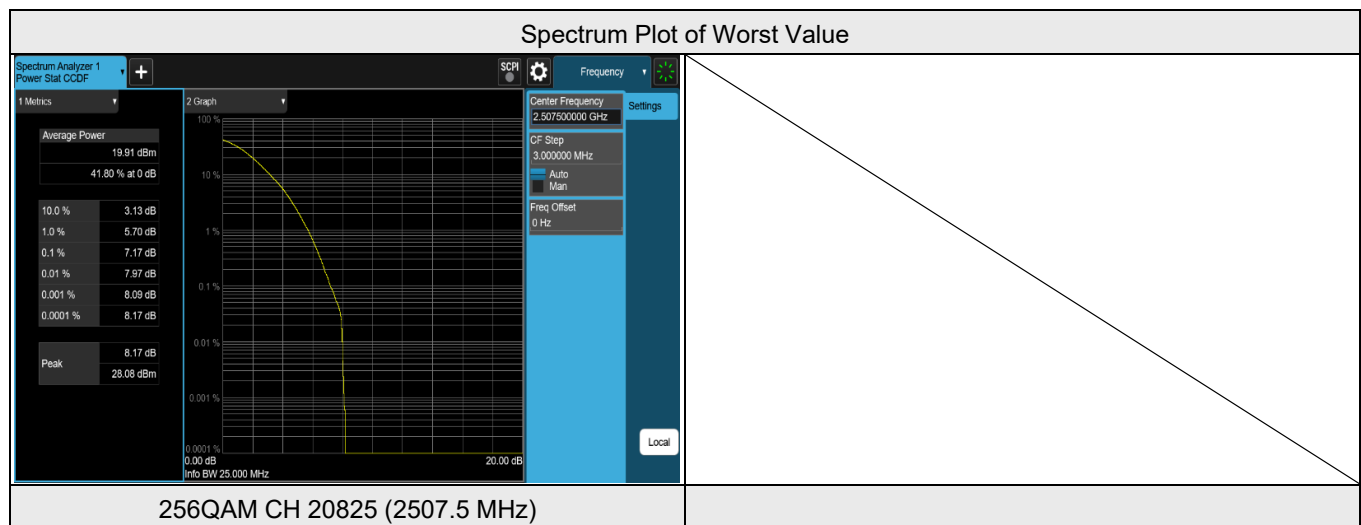


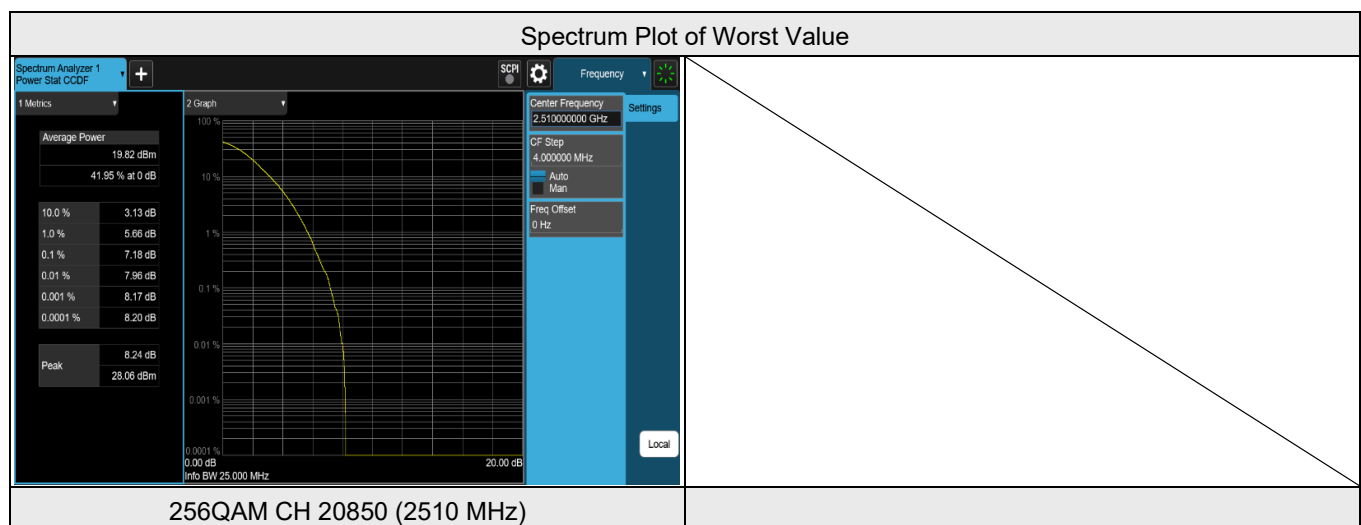
LTE Band 7, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	20825	2507.5	3.27	13	PASS
QPSK	21100	2535	3.96	13	PASS
QPSK	21375	2562.5	3.81	13	PASS
16QAM	20825	2507.5	4.18	13	PASS
16QAM	21100	2535	4.79	13	PASS
16QAM	21375	2562.5	4.54	13	PASS
64QAM	20825	2507.5	5.11	13	PASS
64QAM	21100	2535	5.64	13	PASS
64QAM	21375	2562.5	5.50	13	PASS
256QAM	20825	2507.5	7.17	13	PASS
256QAM	21100	2535	6.97	13	PASS
256QAM	21375	2562.5	6.89	13	PASS



LTE Band 7, Channel Bandwidth: 20 MHz

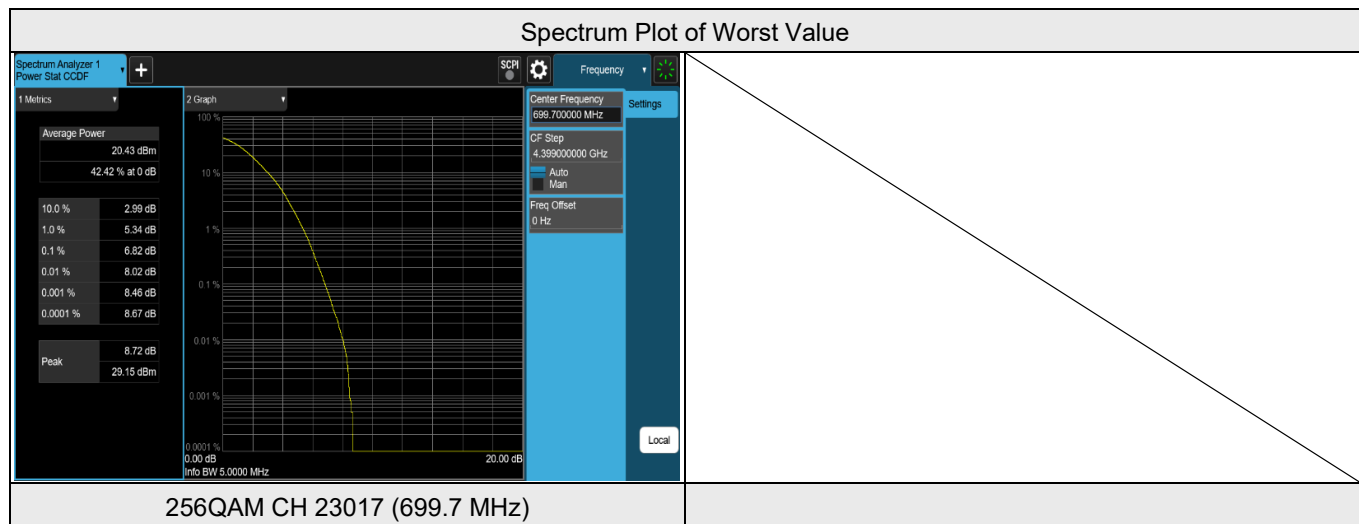
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	20850	2510	3.30	13	PASS
QPSK	21100	2535	3.90	13	PASS
QPSK	21350	2560	3.76	13	PASS
16QAM	20850	2510	4.13	13	PASS
16QAM	21100	2535	4.52	13	PASS
16QAM	21350	2560	4.56	13	PASS
64QAM	20850	2510	5.16	13	PASS
64QAM	21100	2535	5.61	13	PASS
64QAM	21350	2560	5.68	13	PASS
256QAM	20850	2510	7.18	13	PASS
256QAM	21100	2535	7.11	13	PASS
256QAM	21350	2560	6.94	13	PASS



7.3.10LTE Band 12

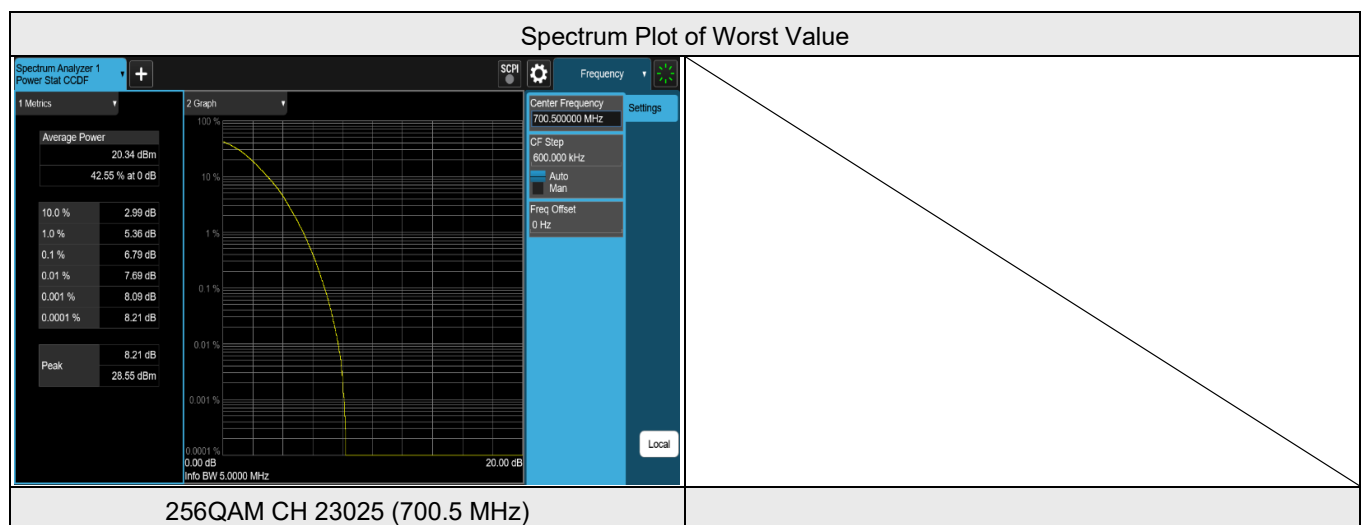
LTE Band 12, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23017	699.7	3.59	13	PASS
QPSK	23095	707.5	3.71	13	PASS
QPSK	23173	715.3	3.86	13	PASS
16QAM	23017	699.7	4.47	13	PASS
16QAM	23095	707.5	4.68	13	PASS
16QAM	23173	715.3	4.77	13	PASS
64QAM	23017	699.7	5.38	13	PASS
64QAM	23095	707.5	5.44	13	PASS
64QAM	23173	715.3	5.45	13	PASS
256QAM	23017	699.7	6.82	13	PASS
256QAM	23095	707.5	6.82	13	PASS
256QAM	23173	715.3	6.77	13	PASS



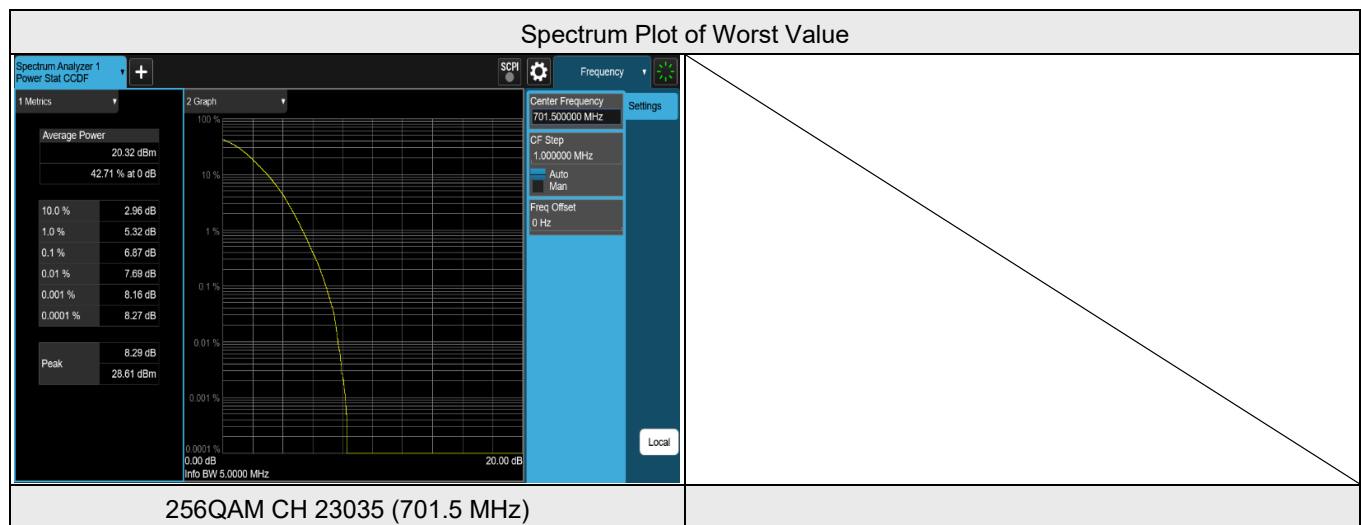
LTE Band 12, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23025	700.5	3.61	13	PASS
QPSK	23095	707.5	3.66	13	PASS
QPSK	23165	714.5	3.74	13	PASS
16QAM	23025	700.5	4.61	13	PASS
16QAM	23095	707.5	4.69	13	PASS
16QAM	23165	714.5	4.73	13	PASS
64QAM	23025	700.5	5.60	13	PASS
64QAM	23095	707.5	5.62	13	PASS
64QAM	23165	714.5	5.69	13	PASS
256QAM	23025	700.5	6.79	13	PASS
256QAM	23095	707.5	6.72	13	PASS
256QAM	23165	714.5	6.73	13	PASS



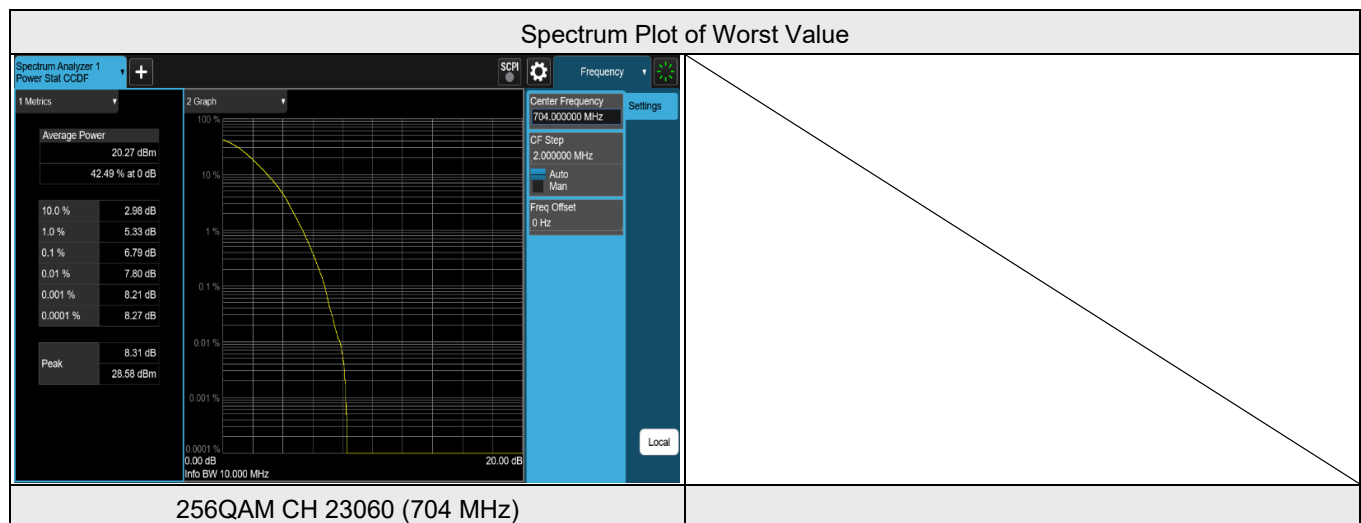
LTE Band 12, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23035	701.5	3.85	13	PASS
QPSK	23095	707.5	3.89	13	PASS
QPSK	23155	713.5	3.98	13	PASS
16QAM	23035	701.5	4.67	13	PASS
16QAM	23095	707.5	4.70	13	PASS
16QAM	23155	713.5	4.83	13	PASS
64QAM	23035	701.5	5.51	13	PASS
64QAM	23095	707.5	5.56	13	PASS
64QAM	23155	713.5	5.69	13	PASS
256QAM	23035	701.5	6.87	13	PASS
256QAM	23095	707.5	6.86	13	PASS
256QAM	23155	713.5	6.75	13	PASS



LTE Band 12, Channel Bandwidth: 10 MHz

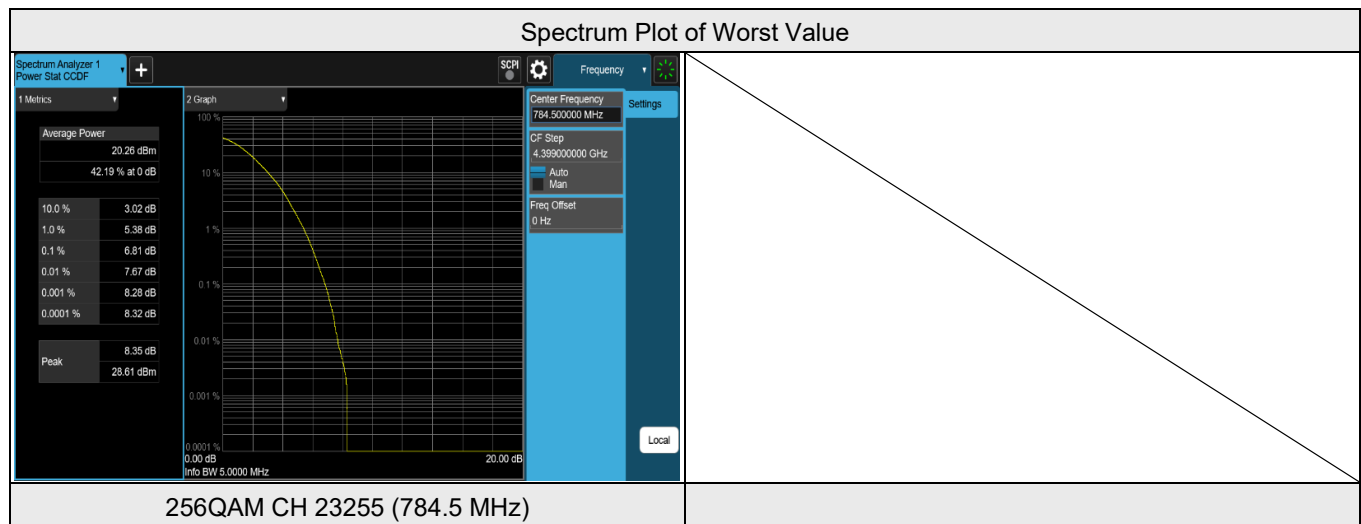
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23060	704	3.88	13	PASS
QPSK	23095	707.5	3.83	13	PASS
QPSK	23130	711	3.99	13	PASS
16QAM	23060	704	4.74	13	PASS
16QAM	23095	707.5	4.62	13	PASS
16QAM	23130	711	4.83	13	PASS
64QAM	23060	704	5.70	13	PASS
64QAM	23095	707.5	5.62	13	PASS
64QAM	23130	711	5.75	13	PASS
256QAM	23060	704	6.79	13	PASS
256QAM	23095	707.5	6.79	13	PASS
256QAM	23130	711	6.73	13	PASS



7.3.11LTE Band 13

LTE Band 13, Channel Bandwidth: 5 MHz

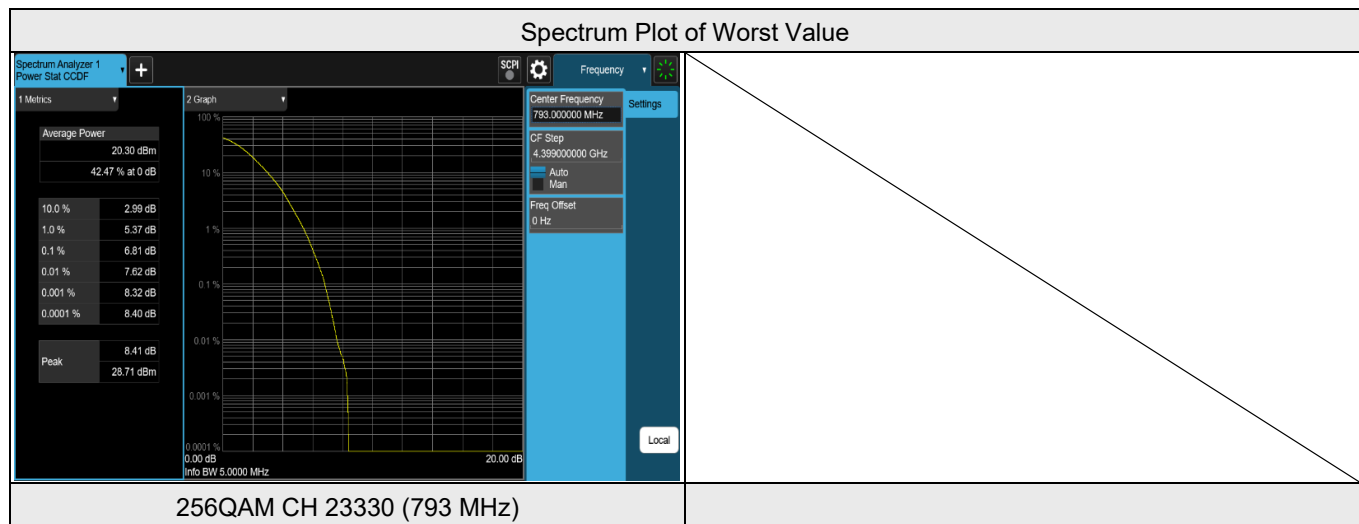
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23205	779.5	3.73	13	PASS
QPSK	23230	782	3.83	13	PASS
QPSK	23255	784.5	4.04	13	PASS
16QAM	23205	779.5	4.48	13	PASS
16QAM	23230	782	4.56	13	PASS
16QAM	23255	784.5	4.73	13	PASS
64QAM	23205	779.5	5.37	13	PASS
64QAM	23230	782	5.42	13	PASS
64QAM	23255	784.5	5.68	13	PASS
256QAM	23205	779.5	6.73	13	PASS
256QAM	23230	782	6.65	13	PASS
256QAM	23255	784.5	6.81	13	PASS



7.3.12LTE Band 14

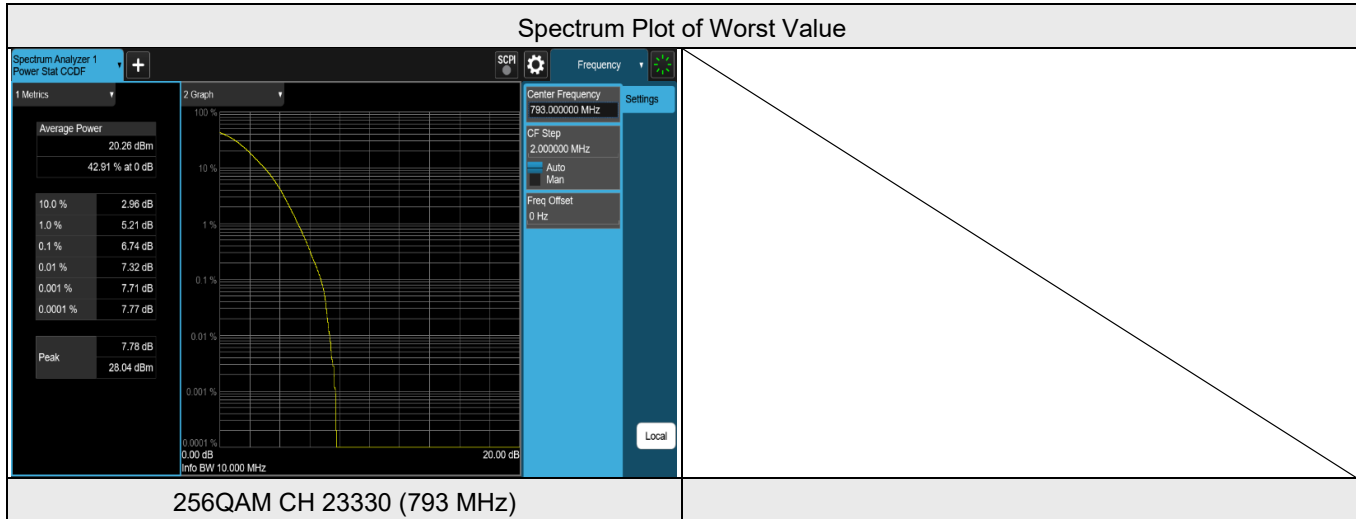
LTE Band 14, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23305	790.5	3.69	13	PASS
QPSK	23330	793	3.85	13	PASS
QPSK	23355	795.5	3.84	13	PASS
16QAM	23305	790.5	4.43	13	PASS
16QAM	23330	793	4.60	13	PASS
16QAM	23355	795.5	4.57	13	PASS
64QAM	23305	790.5	5.32	13	PASS
64QAM	23330	793	5.50	13	PASS
64QAM	23355	795.5	5.46	13	PASS
256QAM	23305	790.5	6.70	13	PASS
256QAM	23330	793	6.81	13	PASS
256QAM	23355	795.5	6.71	13	PASS



LTE Band 14, Channel Bandwidth: 10 MHz

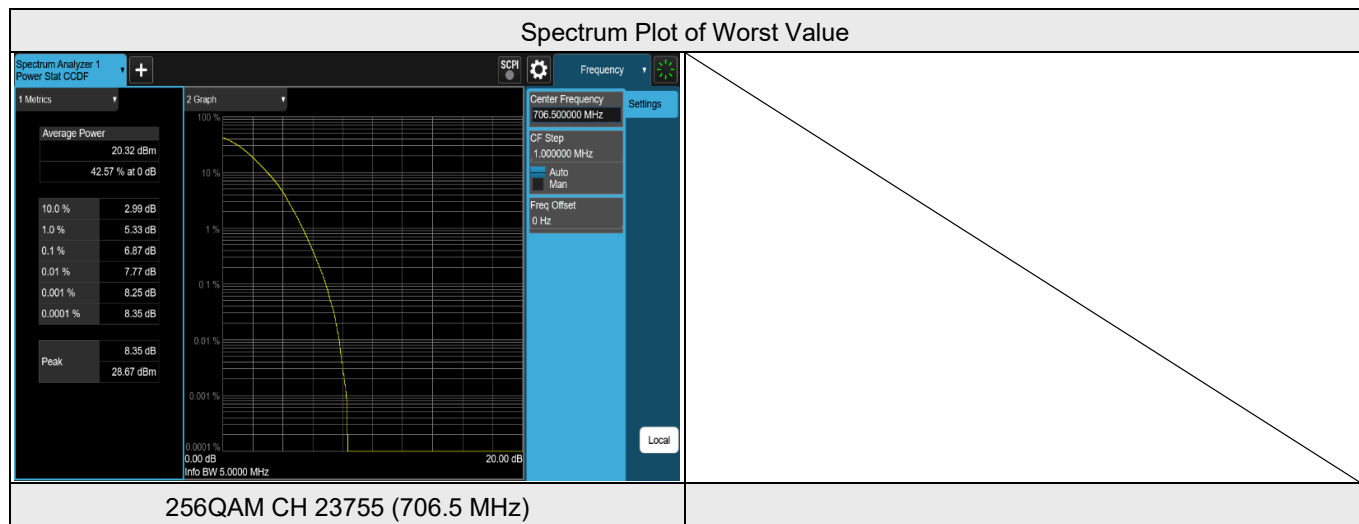
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23330	793	3.75	13	PASS
16QAM	23330	793	4.54	13	PASS
64QAM	23330	793	5.53	13	PASS
256QAM	23330	793	6.74	13	PASS



7.3.13LTE Band 17

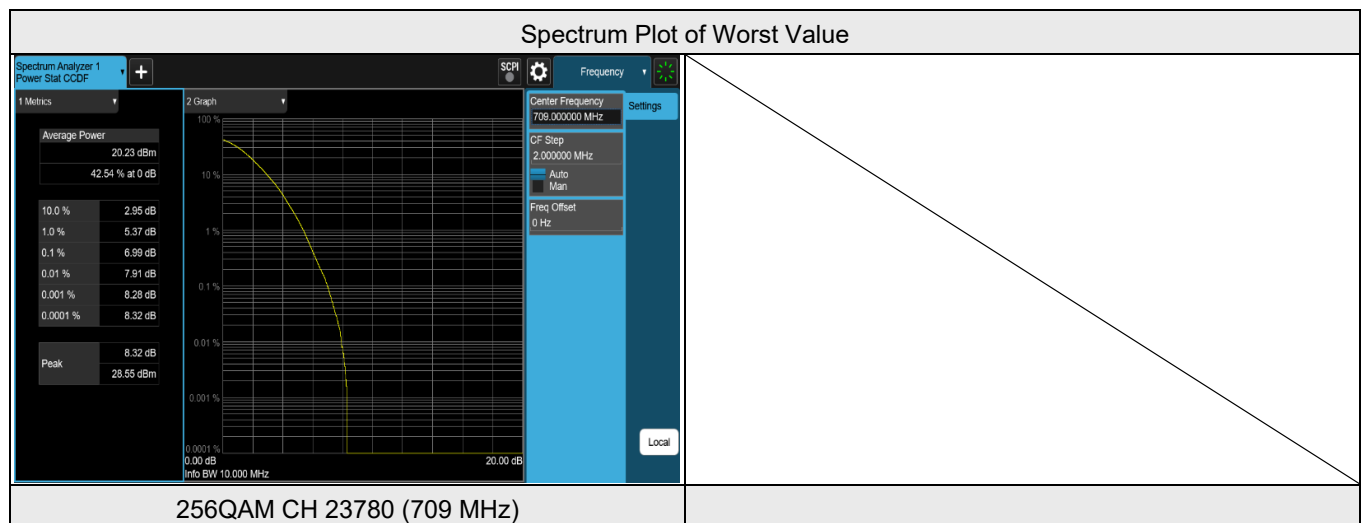
LTE Band 17, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23755	706.5	3.85	13	PASS
QPSK	23790	710	3.96	13	PASS
QPSK	23825	713.5	4.01	13	PASS
16QAM	23755	706.5	4.64	13	PASS
16QAM	23790	710	4.73	13	PASS
16QAM	23825	713.5	4.76	13	PASS
64QAM	23755	706.5	5.50	13	PASS
64QAM	23790	710	5.61	13	PASS
64QAM	23825	713.5	5.71	13	PASS
256QAM	23755	706.5	6.87	13	PASS
256QAM	23790	710	6.81	13	PASS
256QAM	23825	713.5	6.85	13	PASS



LTE Band 17, Channel Bandwidth: 10 MHz

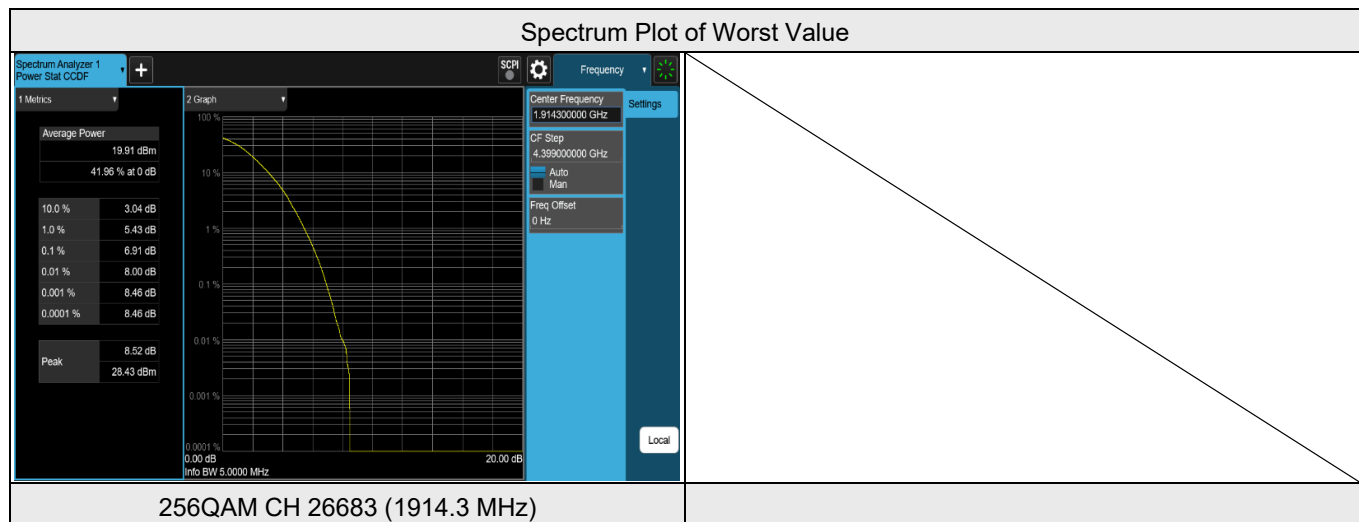
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	23780	709	3.93	13	PASS
QPSK	23790	710	3.87	13	PASS
QPSK	23800	711	3.99	13	PASS
16QAM	23780	709	4.63	13	PASS
16QAM	23790	710	4.67	13	PASS
16QAM	23800	711	4.70	13	PASS
64QAM	23780	709	5.66	13	PASS
64QAM	23790	710	5.63	13	PASS
64QAM	23800	711	5.72	13	PASS
256QAM	23780	709	6.99	13	PASS
256QAM	23790	710	6.86	13	PASS
256QAM	23800	711	6.86	13	PASS



7.3.14LTE Band 25

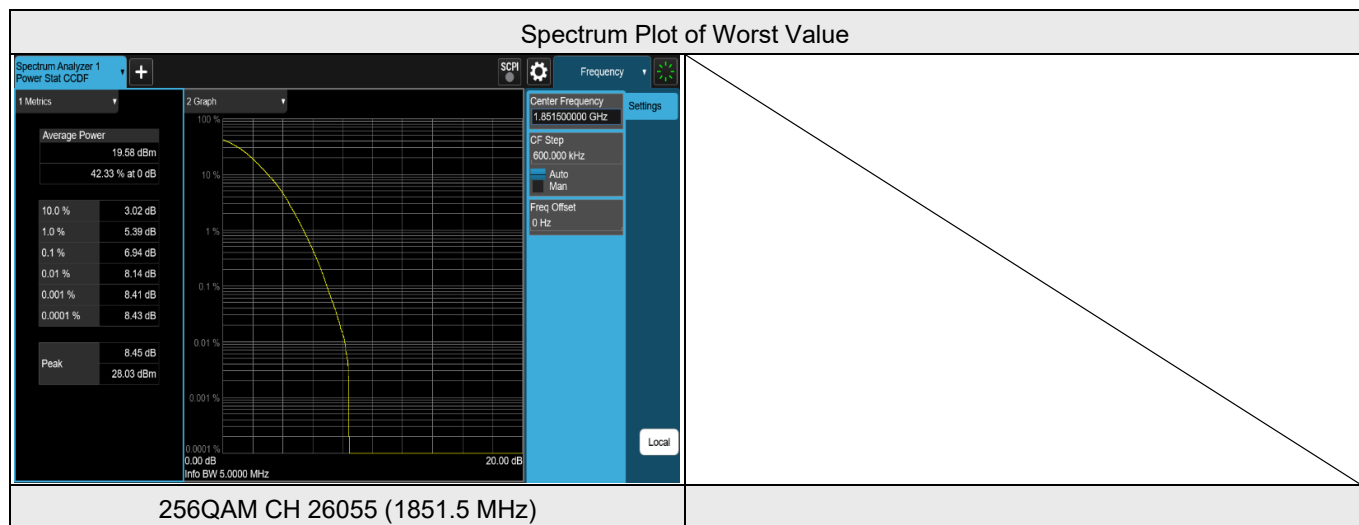
LTE Band 25, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26047	1850.7	3.49	13	PASS
QPSK	26365	1882.5	3.55	13	PASS
QPSK	26683	1914.3	3.66	13	PASS
16QAM	26047	1850.7	4.52	13	PASS
16QAM	26365	1882.5	4.53	13	PASS
16QAM	26683	1914.3	4.73	13	PASS
64QAM	26047	1850.7	4.69	13	PASS
64QAM	26365	1882.5	5.29	13	PASS
64QAM	26683	1914.3	5.52	13	PASS
256QAM	26047	1850.7	6.35	13	PASS
256QAM	26365	1882.5	6.88	13	PASS
256QAM	26683	1914.3	6.91	13	PASS



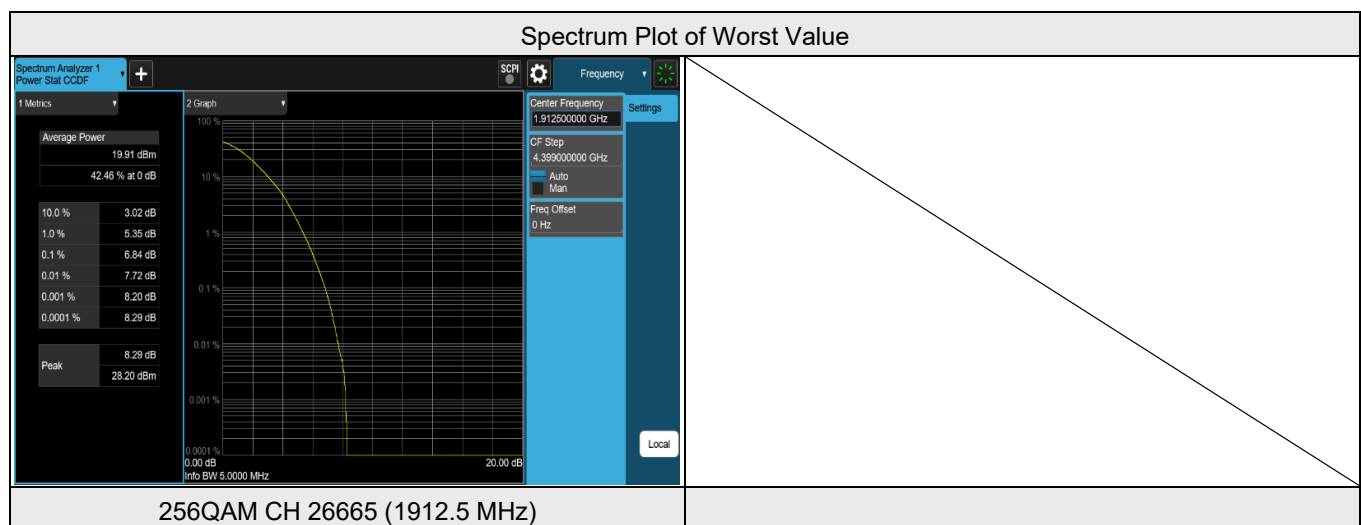
LTE Band 25, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26055	1851.5	3.55	13	PASS
QPSK	26365	1882.5	3.68	13	PASS
QPSK	26675	1913.5	3.72	13	PASS
16QAM	26055	1851.5	4.25	13	PASS
16QAM	26365	1882.5	4.33	13	PASS
16QAM	26675	1913.5	4.60	13	PASS
64QAM	26055	1851.5	5.18	13	PASS
64QAM	26365	1882.5	5.23	13	PASS
64QAM	26675	1913.5	5.61	13	PASS
256QAM	26055	1851.5	6.94	13	PASS
256QAM	26365	1882.5	6.70	13	PASS
256QAM	26675	1913.5	6.91	13	PASS



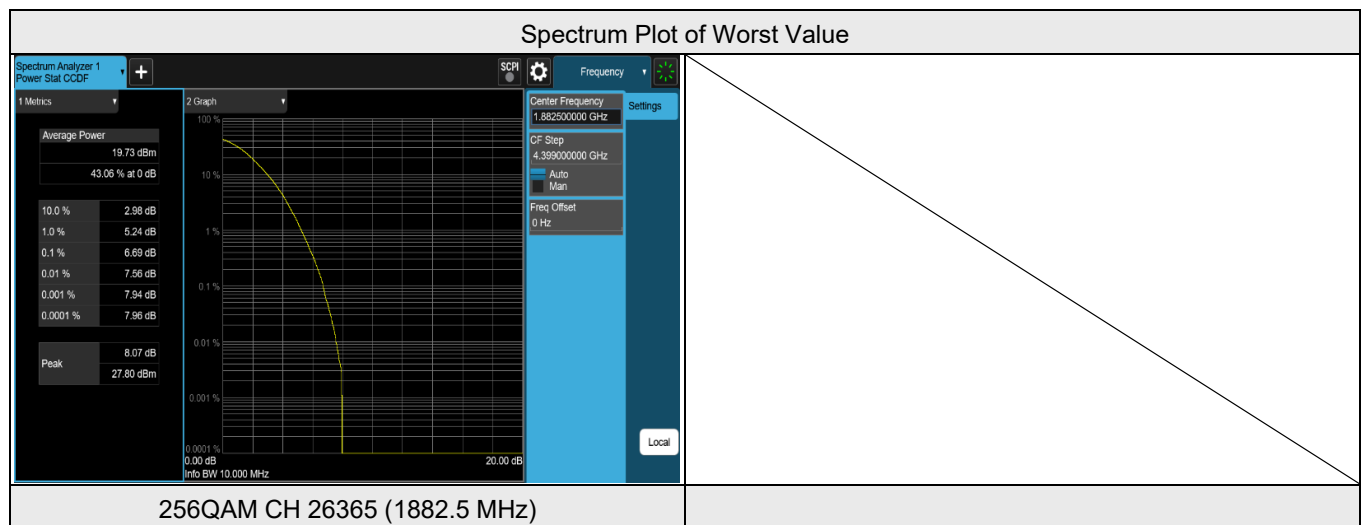
LTE Band 25, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26065	1852.5	3.39	13	PASS
QPSK	26365	1882.5	3.46	13	PASS
QPSK	26665	1912.5	3.59	13	PASS
16QAM	26065	1852.5	4.26	13	PASS
16QAM	26365	1882.5	4.34	13	PASS
16QAM	26665	1912.5	4.50	13	PASS
64QAM	26065	1852.5	5.18	13	PASS
64QAM	26365	1882.5	5.26	13	PASS
64QAM	26665	1912.5	5.42	13	PASS
256QAM	26065	1852.5	6.50	13	PASS
256QAM	26365	1882.5	6.75	13	PASS
256QAM	26665	1912.5	6.84	13	PASS



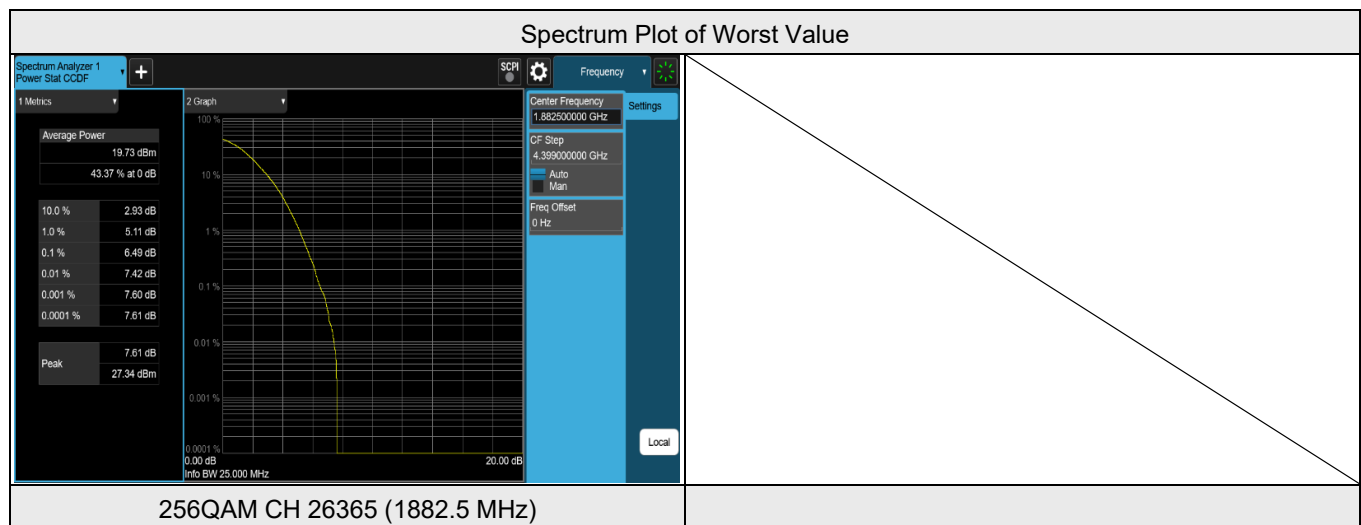
LTE Band 25, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26090	1855	3.41	13	PASS
QPSK	26365	1882.5	3.51	13	PASS
QPSK	26640	1910	3.34	13	PASS
16QAM	26090	1855	4.18	13	PASS
16QAM	26365	1882.5	4.32	13	PASS
16QAM	26640	1910	4.06	13	PASS
64QAM	26090	1855	4.98	13	PASS
64QAM	26365	1882.5	5.14	13	PASS
64QAM	26640	1910	4.98	13	PASS
256QAM	26090	1855	6.40	13	PASS
256QAM	26365	1882.5	6.69	13	PASS
256QAM	26640	1910	6.43	13	PASS



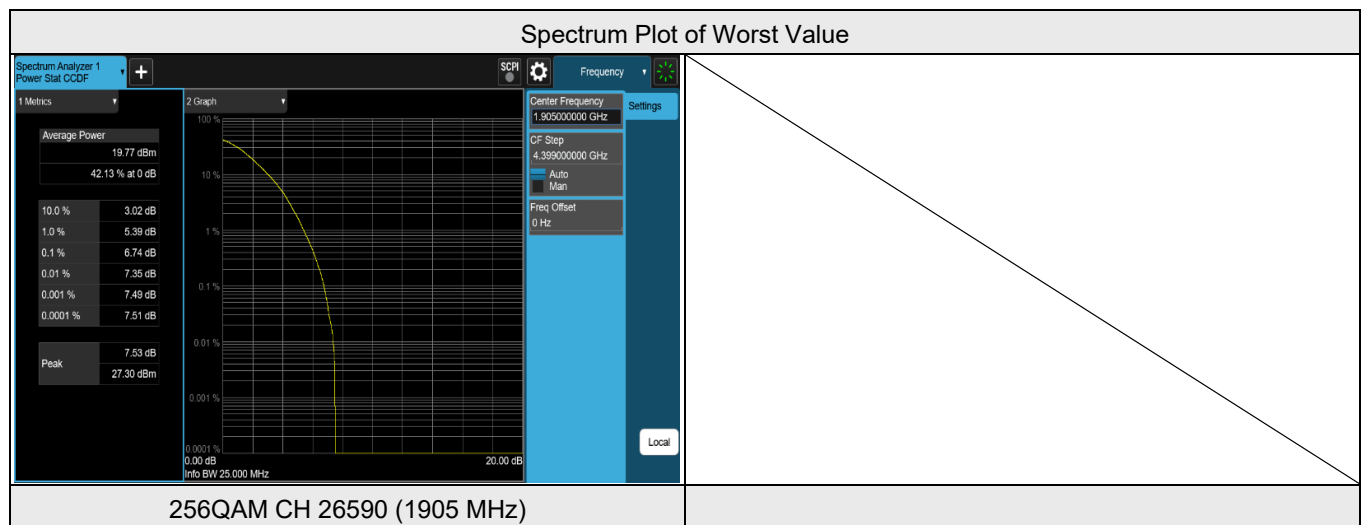
LTE Band 25, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26115	1857.5	3.44	13	PASS
QPSK	26365	1882.5	3.51	13	PASS
QPSK	26615	1907.5	3.70	13	PASS
16QAM	26115	1857.5	4.44	13	PASS
16QAM	26365	1882.5	4.14	13	PASS
16QAM	26615	1907.5	4.18	13	PASS
64QAM	26115	1857.5	4.90	13	PASS
64QAM	26365	1882.5	5.05	13	PASS
64QAM	26615	1907.5	5.04	13	PASS
256QAM	26115	1857.5	5.82	13	PASS
256QAM	26365	1882.5	6.49	13	PASS
256QAM	26615	1907.5	6.33	13	PASS



LTE Band 25, Channel Bandwidth: 20 MHz

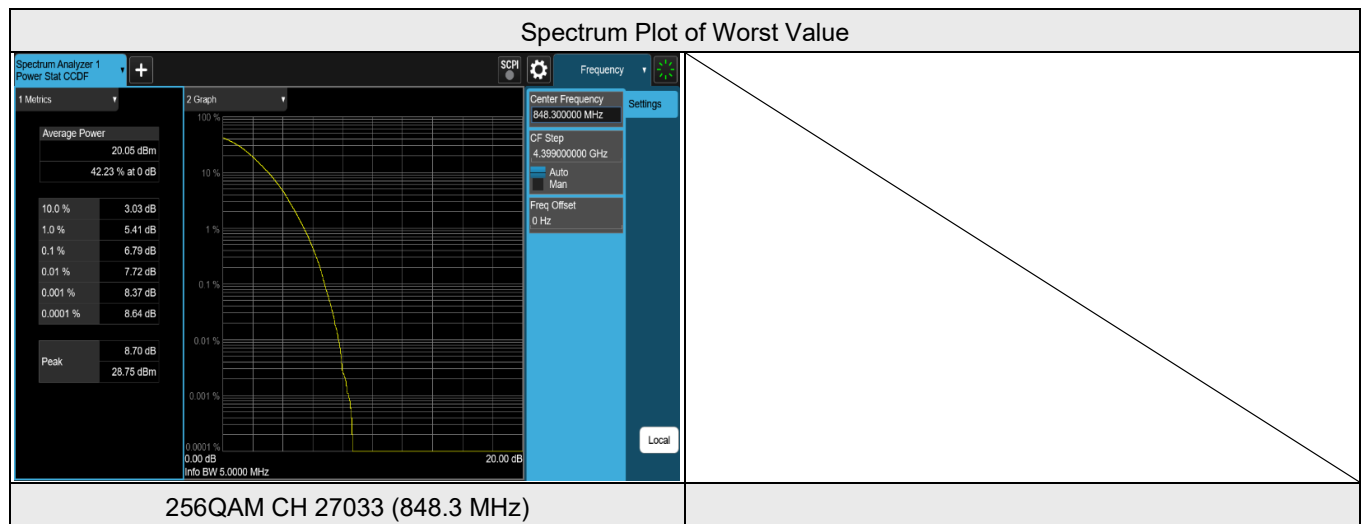
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26140	1860	3.70	13	PASS
QPSK	26365	1882.5	3.49	13	PASS
QPSK	26590	1905	3.90	13	PASS
16QAM	26140	1860	4.08	13	PASS
16QAM	26365	1882.5	4.22	13	PASS
16QAM	26590	1905	4.49	13	PASS
64QAM	26140	1860	4.83	13	PASS
64QAM	26365	1882.5	5.21	13	PASS
64QAM	26590	1905	5.57	13	PASS
256QAM	26140	1860	6.13	13	PASS
256QAM	26365	1882.5	6.53	13	PASS
256QAM	26590	1905	6.74	13	PASS



7.3.15LTE Band 26 (824 MHz ~ 849 MHz)

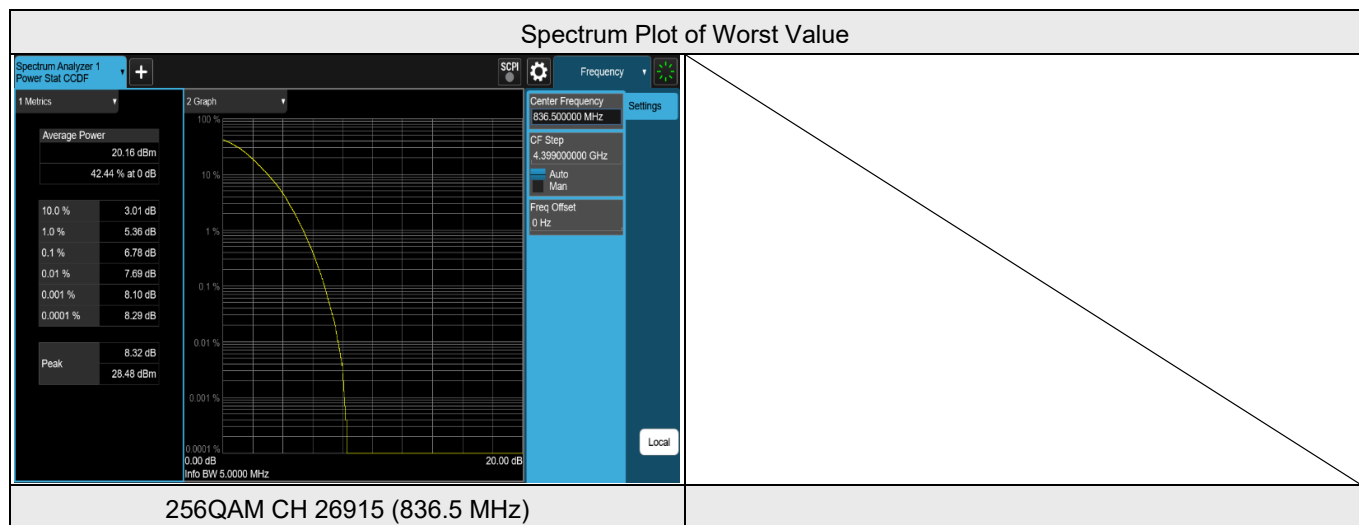
LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26797	824.7	3.93	13	PASS
QPSK	26915	836.5	4.11	13	PASS
QPSK	27033	848.3	4.03	13	PASS
16QAM	26797	824.7	4.69	13	PASS
16QAM	26915	836.5	4.89	13	PASS
16QAM	27033	848.3	4.77	13	PASS
64QAM	26797	824.7	5.56	13	PASS
64QAM	26915	836.5	5.79	13	PASS
64QAM	27033	848.3	5.76	13	PASS
256QAM	26797	824.7	6.60	13	PASS
256QAM	26915	836.5	6.73	13	PASS
256QAM	27033	848.3	6.79	13	PASS



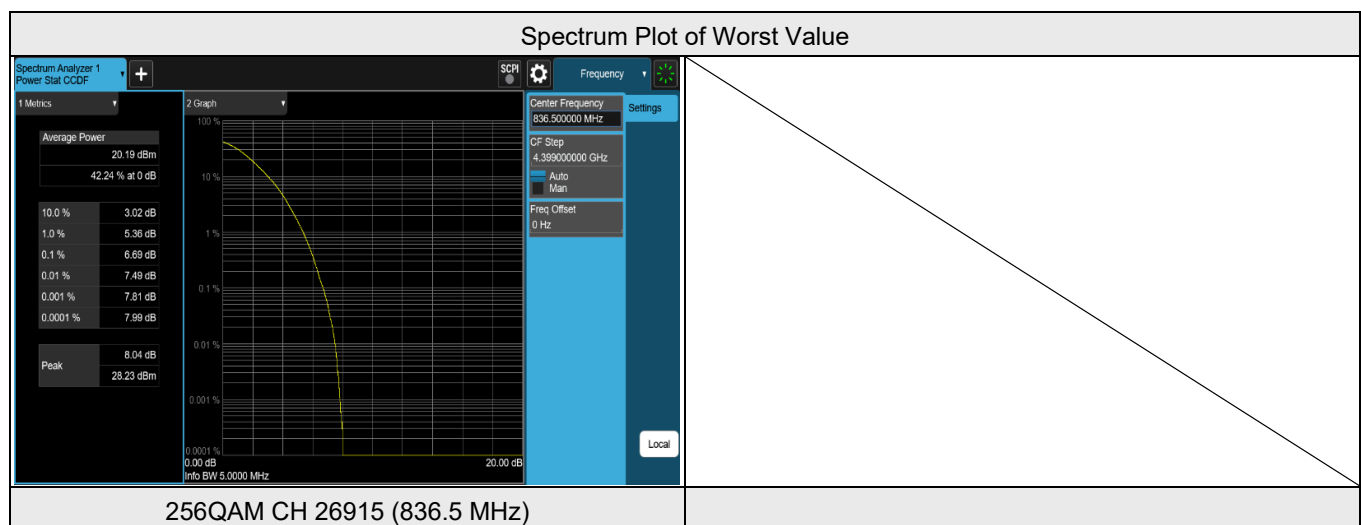
LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26805	825.5	3.31	13	PASS
QPSK	26915	836.5	3.48	13	PASS
QPSK	27025	847.5	3.43	13	PASS
16QAM	26805	825.5	4.28	13	PASS
16QAM	26915	836.5	4.53	13	PASS
16QAM	27025	847.5	4.44	13	PASS
64QAM	26805	825.5	5.16	13	PASS
64QAM	26915	836.5	5.45	13	PASS
64QAM	27025	847.5	5.35	13	PASS
256QAM	26805	825.5	6.47	13	PASS
256QAM	26915	836.5	6.78	13	PASS
256QAM	27025	847.5	6.48	13	PASS



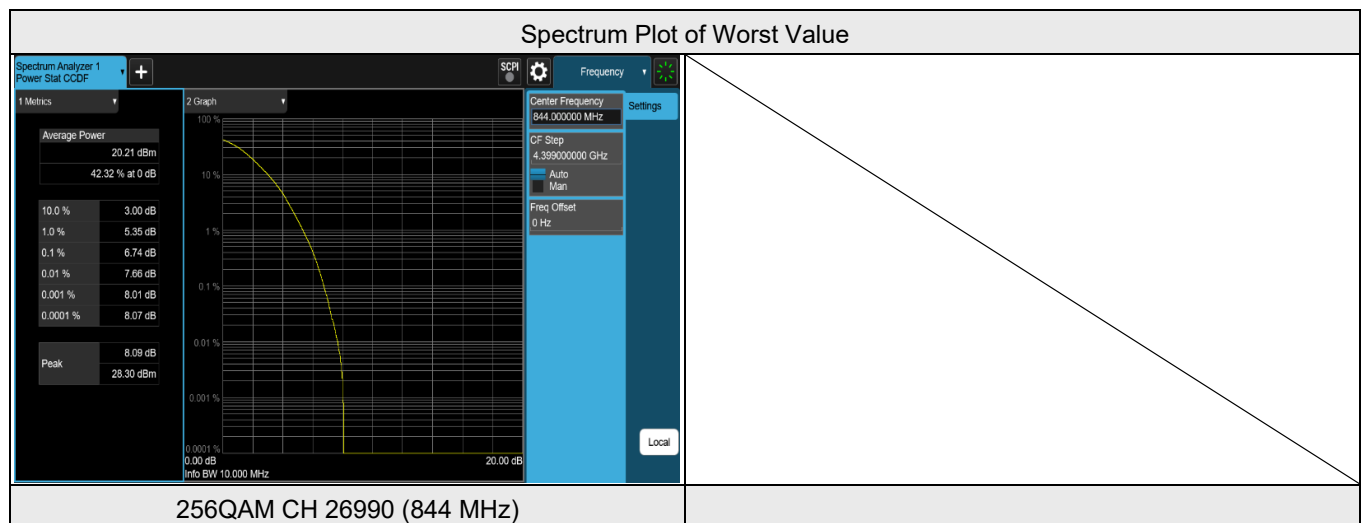
LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26815	826.5	3.52	13	PASS
QPSK	26915	836.5	3.90	13	PASS
QPSK	27015	846.5	3.58	13	PASS
16QAM	26815	826.5	4.32	13	PASS
16QAM	26915	836.5	4.76	13	PASS
16QAM	27015	846.5	4.35	13	PASS
64QAM	26815	826.5	5.14	13	PASS
64QAM	26915	836.5	5.38	13	PASS
64QAM	27015	846.5	5.22	13	PASS
256QAM	26815	826.5	6.59	13	PASS
256QAM	26915	836.5	6.69	13	PASS
256QAM	27015	846.5	6.65	13	PASS



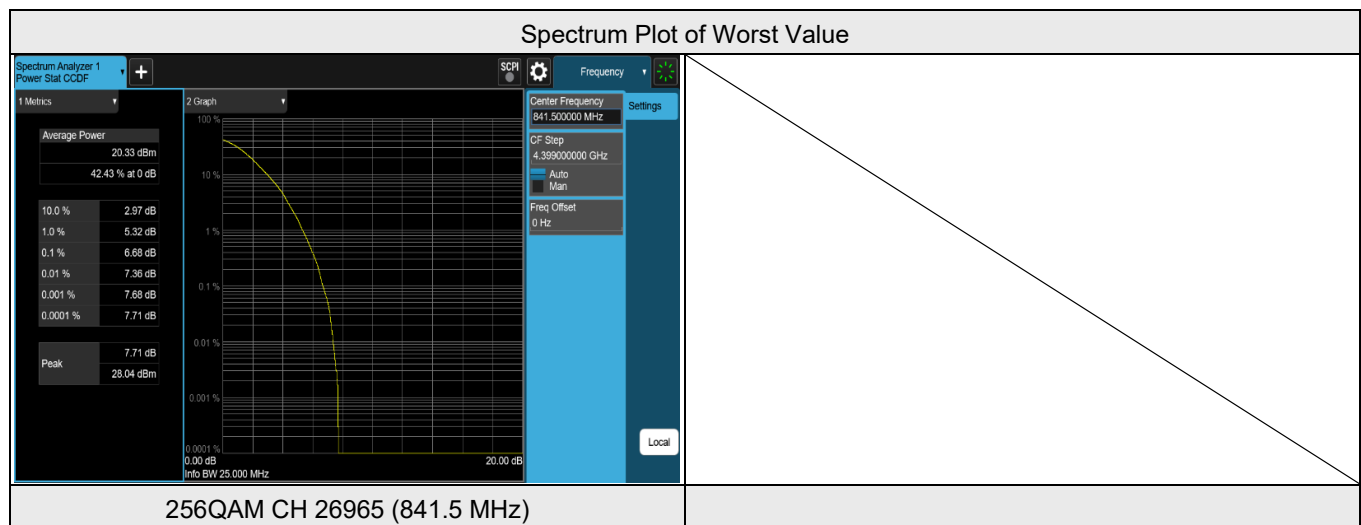
LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26840	829	3.59	13	PASS
QPSK	26915	836.5	3.74	13	PASS
QPSK	26990	844	3.70	13	PASS
16QAM	26840	829	4.32	13	PASS
16QAM	26915	836.5	4.53	13	PASS
16QAM	26990	844	4.51	13	PASS
64QAM	26840	829	5.33	13	PASS
64QAM	26915	836.5	5.42	13	PASS
64QAM	26990	844	5.43	13	PASS
256QAM	26840	829	6.65	13	PASS
256QAM	26915	836.5	6.72	13	PASS
256QAM	26990	844	6.74	13	PASS



LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 15 MHz

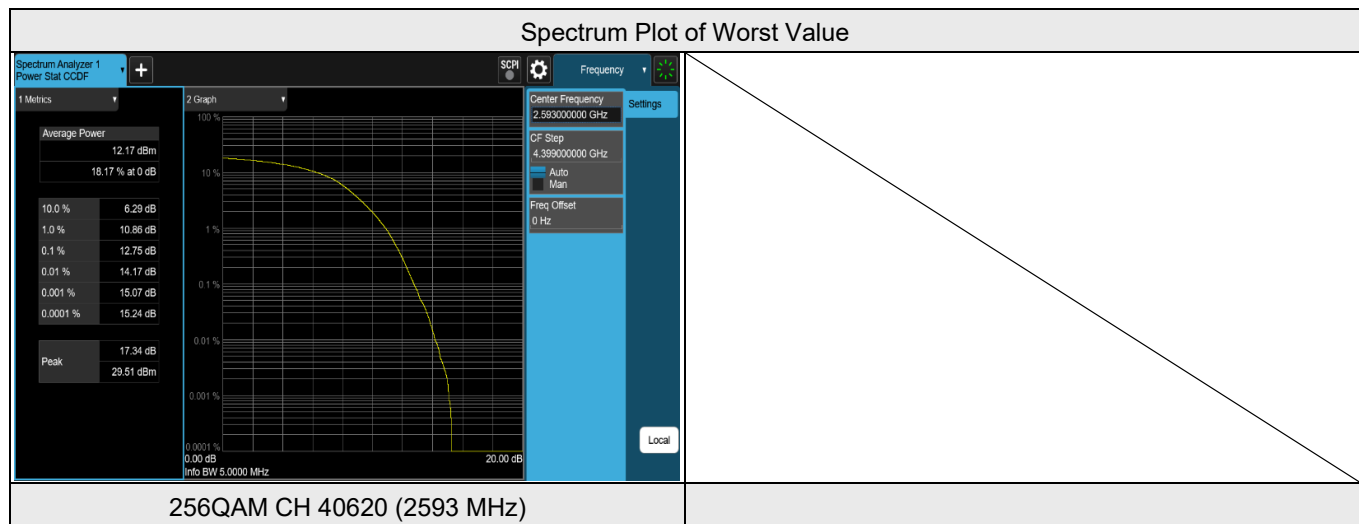
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	26865	831.5	3.46	13	PASS
QPSK	26915	836.5	3.49	13	PASS
QPSK	26965	841.5	3.87	13	PASS
16QAM	26865	831.5	4.20	13	PASS
16QAM	26915	836.5	4.14	13	PASS
16QAM	26965	841.5	4.24	13	PASS
64QAM	26865	831.5	5.27	13	PASS
64QAM	26915	836.5	5.22	13	PASS
64QAM	26965	841.5	5.45	13	PASS
256QAM	26865	831.5	6.42	13	PASS
256QAM	26915	836.5	6.49	13	PASS
256QAM	26965	841.5	6.68	13	PASS



7.3.16LTE Band 41

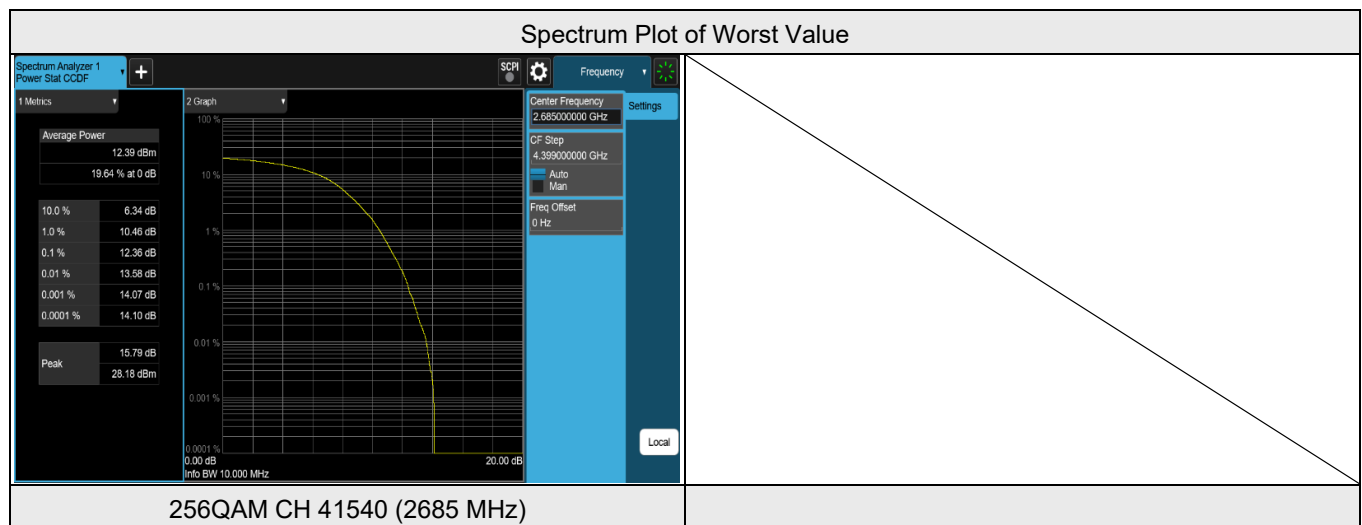
LTE Band 41, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	39675	2498.5	7.52	13	PASS
QPSK	40620	2593	7.40	13	PASS
QPSK	41565	2687.5	7.59	13	PASS
16QAM	39675	2498.5	8.60	13	PASS
16QAM	40620	2593	8.50	13	PASS
16QAM	41565	2687.5	8.42	13	PASS
64QAM	39675	2498.5	9.24	13	PASS
64QAM	40620	2593	9.41	13	PASS
64QAM	41565	2687.5	9.22	13	PASS
256QAM	39675	2498.5	11.85	13	PASS
256QAM	40620	2593	12.75	13	PASS
256QAM	41565	2687.5	11.66	13	PASS



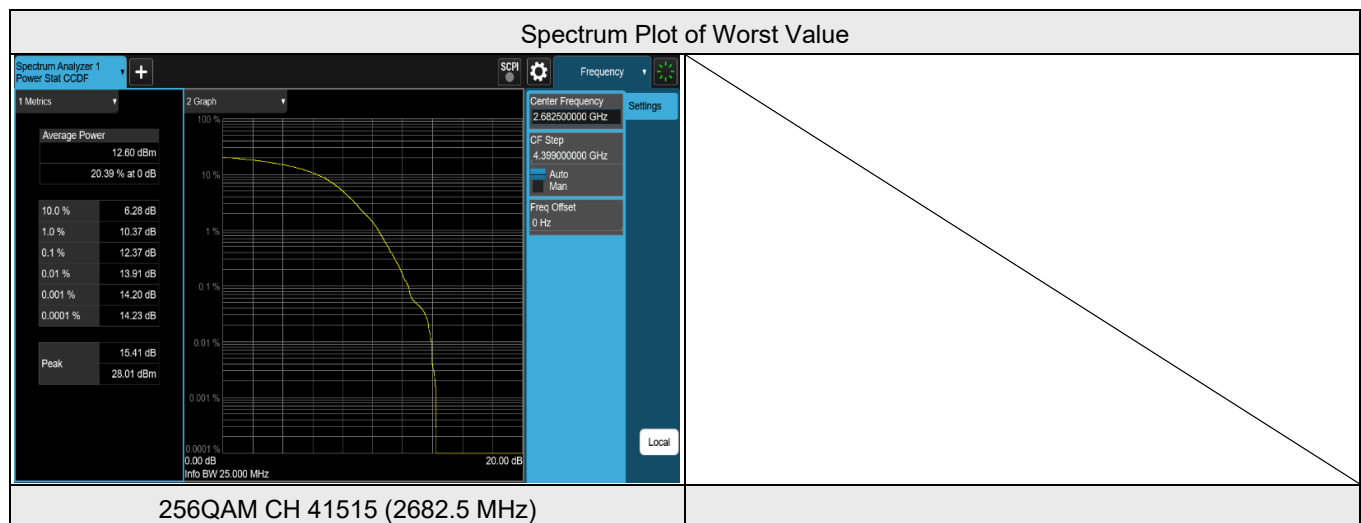
LTE Band 41, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	39700	2501	7.80	13	PASS
QPSK	40620	2593	7.84	13	PASS
QPSK	41540	2685	7.30	13	PASS
16QAM	39700	2501	8.32	13	PASS
16QAM	40620	2593	8.59	13	PASS
16QAM	41540	2685	8.05	13	PASS
64QAM	39700	2501	9.39	13	PASS
64QAM	40620	2593	9.54	13	PASS
64QAM	41540	2685	9.35	13	PASS
256QAM	39700	2501	11.77	13	PASS
256QAM	40620	2593	11.59	13	PASS
256QAM	41540	2685	12.36	13	PASS



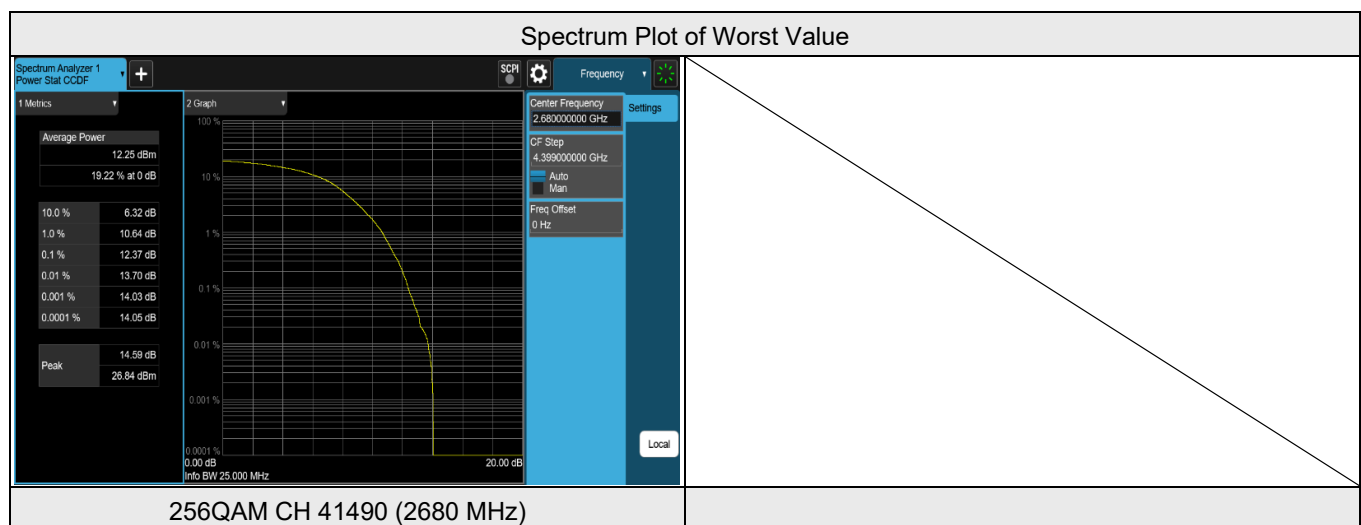
LTE Band 41, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	39725	2503.5	10.77	13	PASS
QPSK	40620	2593	10.32	13	PASS
QPSK	41515	2682.5	9.54	13	PASS
16QAM	39725	2503.5	11.66	13	PASS
16QAM	40620	2593	11.99	13	PASS
16QAM	41515	2682.5	11.30	13	PASS
64QAM	39725	2503.5	11.95	13	PASS
64QAM	40620	2593	11.98	13	PASS
64QAM	41515	2682.5	12.05	13	PASS
256QAM	39725	2503.5	12.19	13	PASS
256QAM	40620	2593	12.29	13	PASS
256QAM	41515	2682.5	12.37	13	PASS



LTE Band 41, Channel Bandwidth: 20 MHz

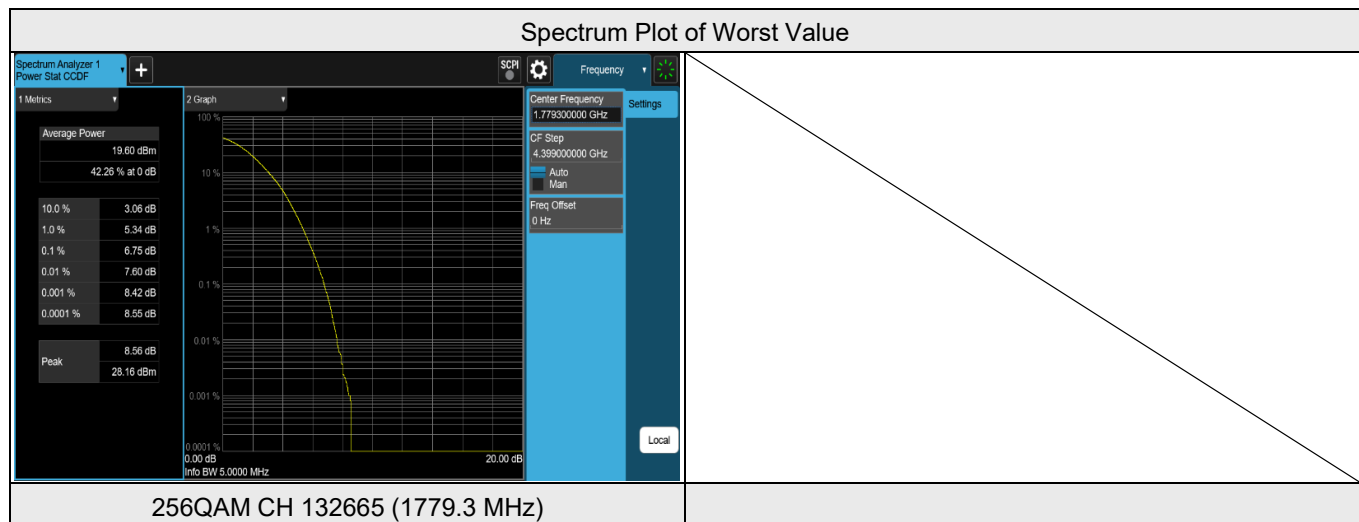
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	39750	2506	9.96	13	PASS
QPSK	40620	2593	10.19	13	PASS
QPSK	41490	2680	9.86	13	PASS
16QAM	39750	2506	11.39	13	PASS
16QAM	40620	2593	10.21	13	PASS
16QAM	41490	2680	10.55	13	PASS
64QAM	39750	2506	11.95	13	PASS
64QAM	40620	2593	11.46	13	PASS
64QAM	41490	2680	11.93	13	PASS
256QAM	39750	2506	12.15	13	PASS
256QAM	40620	2593	12.36	13	PASS
256QAM	41490	2680	12.37	13	PASS



7.3.17LTE Band 66

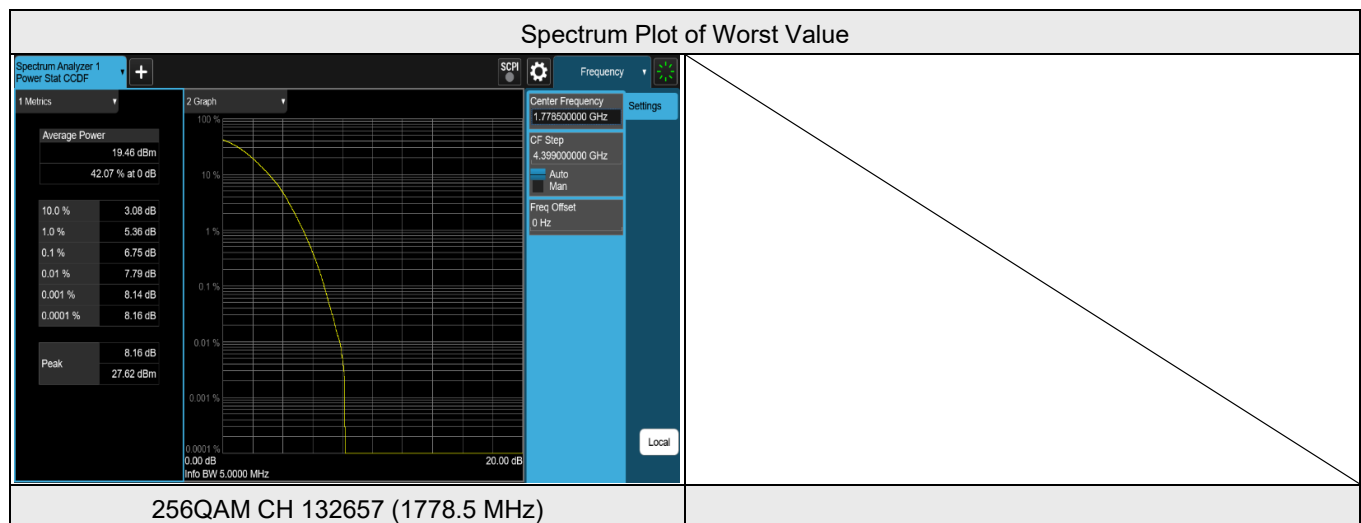
LTE Band 66, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	131979	1710.7	3.65	13	PASS
QPSK	132322	1745	3.57	13	PASS
QPSK	132665	1779.3	3.40	13	PASS
16QAM	131979	1710.7	4.40	13	PASS
16QAM	132322	1745	4.33	13	PASS
16QAM	132665	1779.3	4.27	13	PASS
64QAM	131979	1710.7	4.42	13	PASS
64QAM	132322	1745	4.29	13	PASS
64QAM	132665	1779.3	4.61	13	PASS
256QAM	131979	1710.7	6.37	13	PASS
256QAM	132322	1745	6.42	13	PASS
256QAM	132665	1779.3	6.75	13	PASS



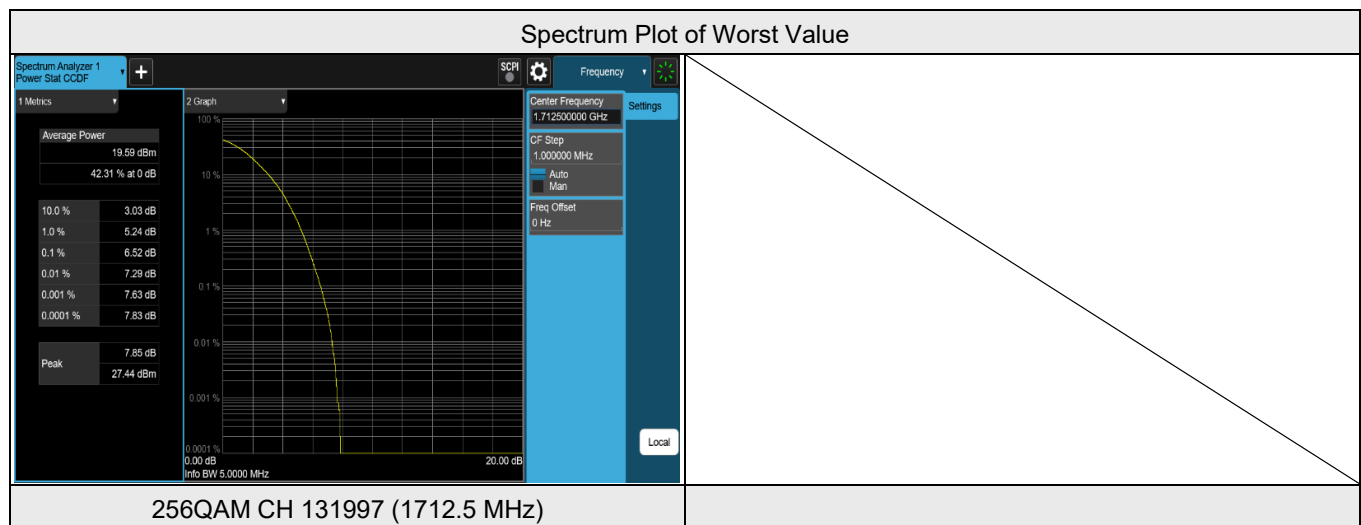
LTE Band 66, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	131987	1711.5	3.81	13	PASS
QPSK	132322	1745	3.65	13	PASS
QPSK	132657	1778.5	3.32	13	PASS
16QAM	131987	1711.5	4.39	13	PASS
16QAM	132322	1745	4.32	13	PASS
16QAM	132657	1778.5	4.20	13	PASS
64QAM	131987	1711.5	5.29	13	PASS
64QAM	132322	1745	5.17	13	PASS
64QAM	132657	1778.5	5.11	13	PASS
256QAM	131987	1711.5	6.62	13	PASS
256QAM	132322	1745	6.67	13	PASS
256QAM	132657	1778.5	6.75	13	PASS



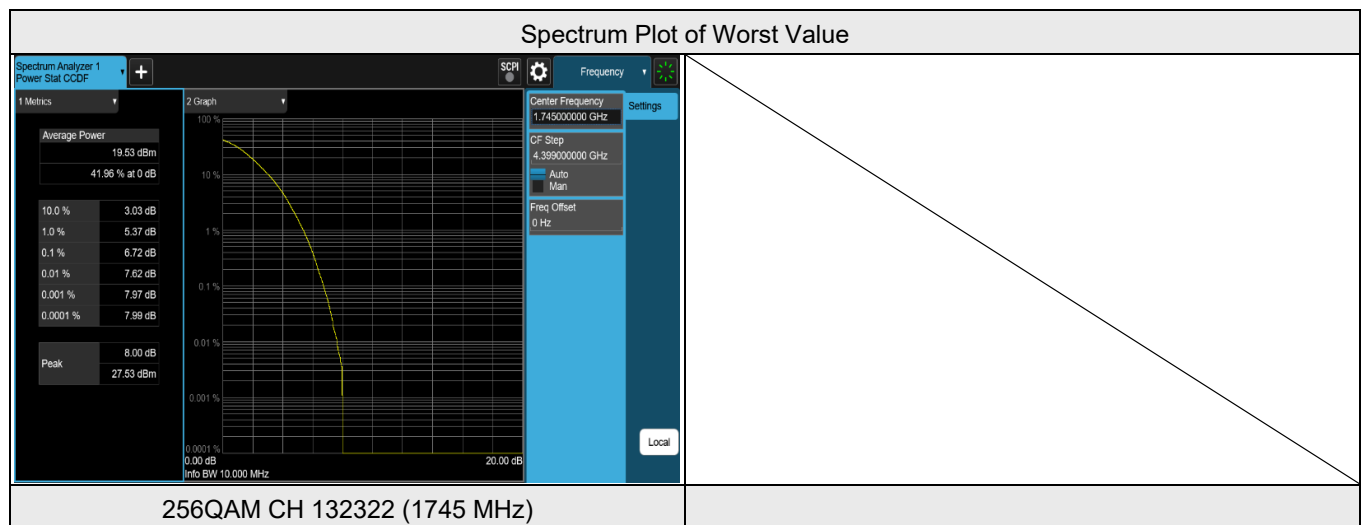
LTE Band 66, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	131997	1712.5	3.61	13	PASS
QPSK	132322	1745	3.57	13	PASS
QPSK	132647	1777.5	3.41	13	PASS
16QAM	131997	1712.5	4.53	13	PASS
16QAM	132322	1745	4.48	13	PASS
16QAM	132647	1777.5	4.06	13	PASS
64QAM	131997	1712.5	5.32	13	PASS
64QAM	132322	1745	5.41	13	PASS
64QAM	132647	1777.5	5.20	13	PASS
256QAM	131997	1712.5	6.52	13	PASS
256QAM	132322	1745	6.49	13	PASS
256QAM	132647	1777.5	6.33	13	PASS



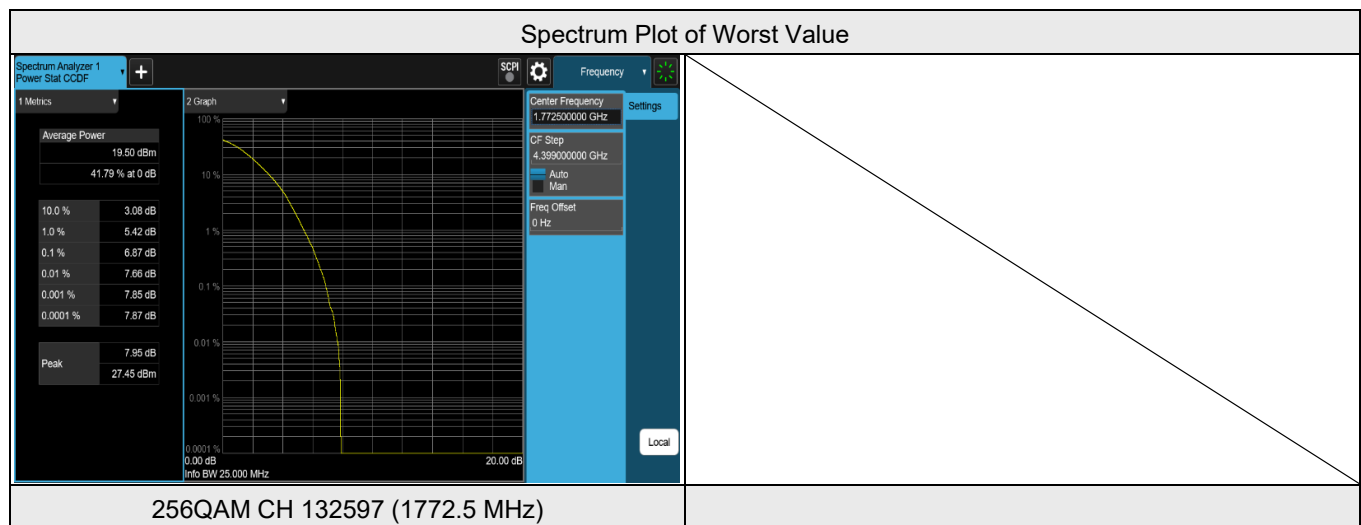
LTE Band 66, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	132022	1715	3.66	13	PASS
QPSK	132322	1745	3.82	13	PASS
QPSK	132622	1775	3.64	13	PASS
16QAM	132022	1715	4.20	13	PASS
16QAM	132322	1745	4.41	13	PASS
16QAM	132622	1775	4.19	13	PASS
64QAM	132022	1715	5.16	13	PASS
64QAM	132322	1745	5.44	13	PASS
64QAM	132622	1775	5.25	13	PASS
256QAM	132022	1715	6.69	13	PASS
256QAM	132322	1745	6.72	13	PASS
256QAM	132622	1775	6.59	13	PASS



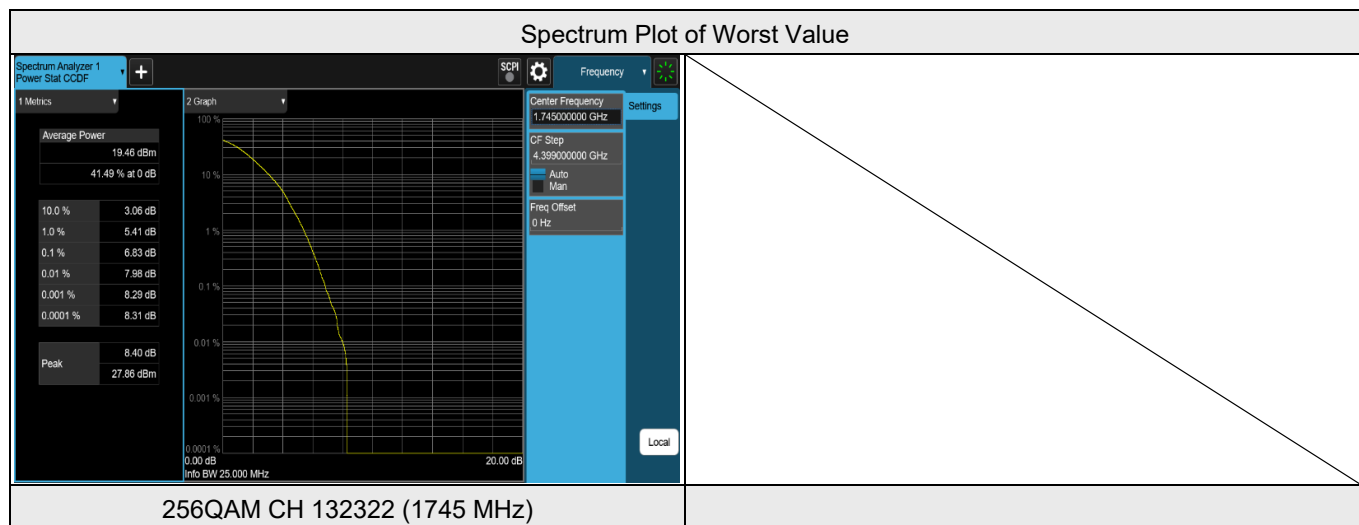
LTE Band 66, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	132047	1717.5	3.65	13	PASS
QPSK	132322	1745	3.85	13	PASS
QPSK	132597	1772.5	3.96	13	PASS
16QAM	132047	1717.5	4.12	13	PASS
16QAM	132322	1745	4.62	13	PASS
16QAM	132597	1772.5	4.38	13	PASS
64QAM	132047	1717.5	4.97	13	PASS
64QAM	132322	1745	5.28	13	PASS
64QAM	132597	1772.5	5.66	13	PASS
256QAM	132047	1717.5	5.97	13	PASS
256QAM	132322	1745	6.49	13	PASS
256QAM	132597	1772.5	6.87	13	PASS



LTE Band 66, Channel Bandwidth: 20 MHz

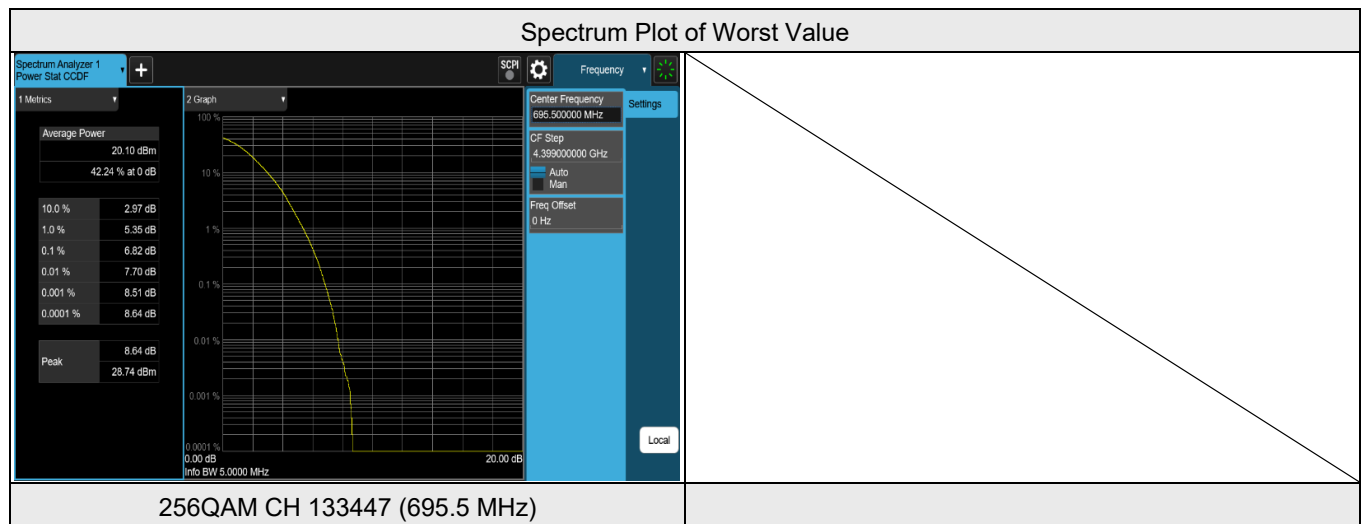
Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	132072	1720	3.40	13	PASS
QPSK	132322	1745	3.67	13	PASS
QPSK	132572	1770	3.74	13	PASS
16QAM	132072	1720	3.97	13	PASS
16QAM	132322	1745	4.46	13	PASS
16QAM	132572	1770	4.47	13	PASS
64QAM	132072	1720	4.97	13	PASS
64QAM	132322	1745	5.61	13	PASS
64QAM	132572	1770	5.63	13	PASS
256QAM	132072	1720	5.79	13	PASS
256QAM	132322	1745	6.83	13	PASS
256QAM	132572	1770	6.83	13	PASS



7.3.18LTE Band 71

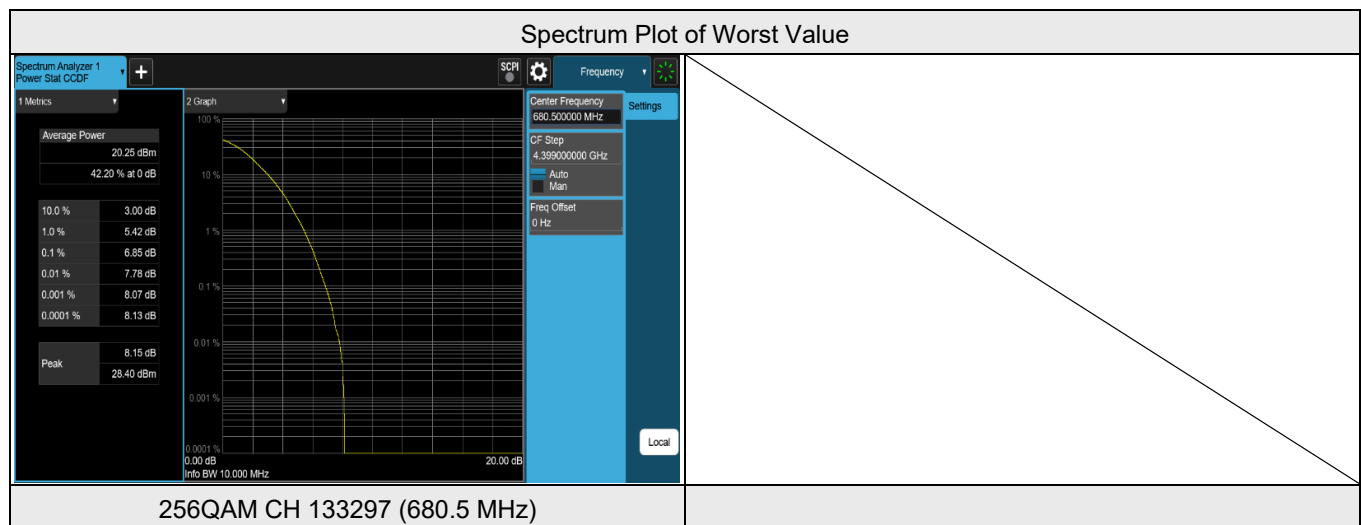
LTE Band 71, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	133147	665.5	3.77	13	PASS
QPSK	133297	680.5	4.07	13	PASS
QPSK	133447	695.5	3.88	13	PASS
16QAM	133147	665.5	4.57	13	PASS
16QAM	133297	680.5	4.94	13	PASS
16QAM	133447	695.5	4.71	13	PASS
64QAM	133147	665.5	5.42	13	PASS
64QAM	133297	680.5	5.75	13	PASS
64QAM	133447	695.5	5.56	13	PASS
256QAM	133147	665.5	6.81	13	PASS
256QAM	133297	680.5	6.80	13	PASS
256QAM	133447	695.5	6.82	13	PASS



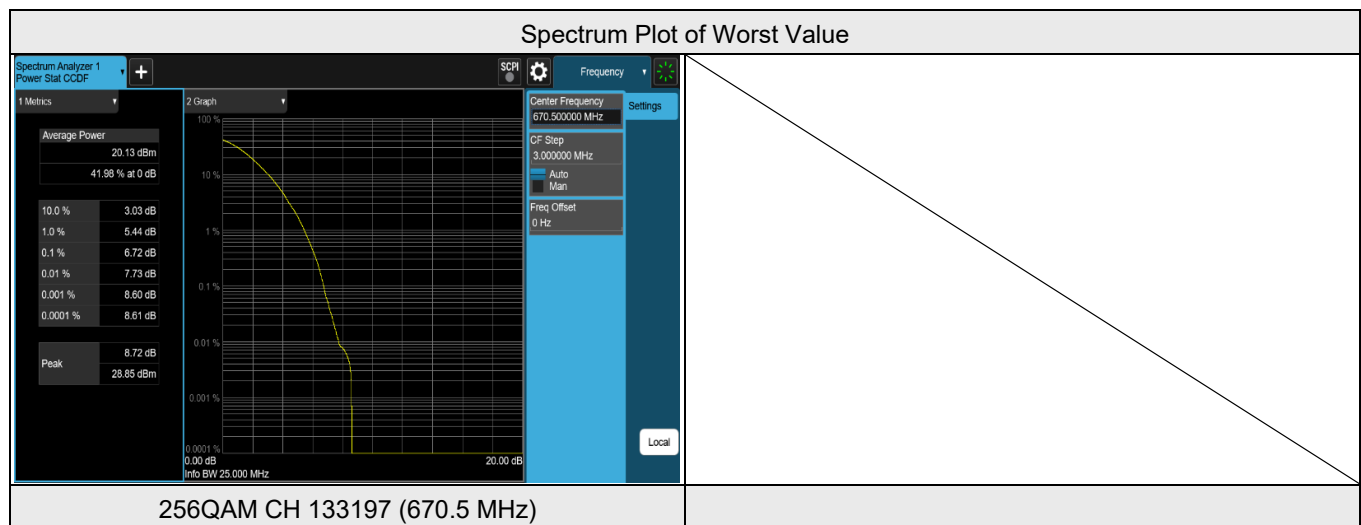
LTE Band 71, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	133172	668	3.88	13	PASS
QPSK	133297	680.5	4.23	13	PASS
QPSK	133422	693	3.67	13	PASS
16QAM	133172	668	4.75	13	PASS
16QAM	133297	680.5	5.11	13	PASS
16QAM	133422	693	4.51	13	PASS
64QAM	133172	668	5.62	13	PASS
64QAM	133297	680.5	6.01	13	PASS
64QAM	133422	693	5.39	13	PASS
256QAM	133172	668	6.73	13	PASS
256QAM	133297	680.5	6.85	13	PASS
256QAM	133422	693	6.72	13	PASS



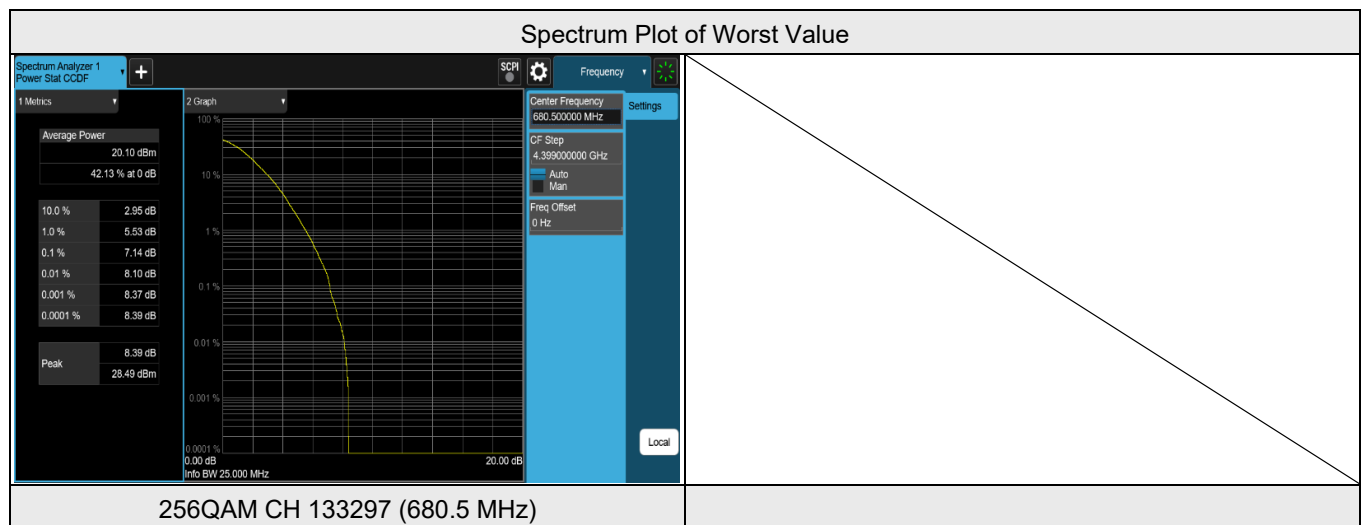
LTE Band 71, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	133197	670.5	4.08	13	PASS
QPSK	133297	680.5	4.13	13	PASS
QPSK	133397	690.5	3.74	13	PASS
16QAM	133197	670.5	4.45	13	PASS
16QAM	133297	680.5	4.55	13	PASS
16QAM	133397	690.5	4.38	13	PASS
64QAM	133197	670.5	5.66	13	PASS
64QAM	133297	680.5	5.87	13	PASS
64QAM	133397	690.5	5.46	13	PASS
256QAM	133197	670.5	6.72	13	PASS
256QAM	133297	680.5	6.70	13	PASS
256QAM	133397	690.5	6.31	13	PASS



LTE Band 71, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Measurement Value(dB)	Limit (dB)	Result
QPSK	133222	673	4.08	13	PASS
QPSK	133297	680.5	3.87	13	PASS
QPSK	133372	688	4.09	13	PASS
16QAM	133222	673	4.93	13	PASS
16QAM	133297	680.5	4.73	13	PASS
16QAM	133372	688	4.73	13	PASS
64QAM	133222	673	5.68	13	PASS
64QAM	133297	680.5	5.69	13	PASS
64QAM	133372	688	5.77	13	PASS
256QAM	133222	673	6.73	13	PASS
256QAM	133297	680.5	7.14	13	PASS
256QAM	133372	688	6.85	13	PASS

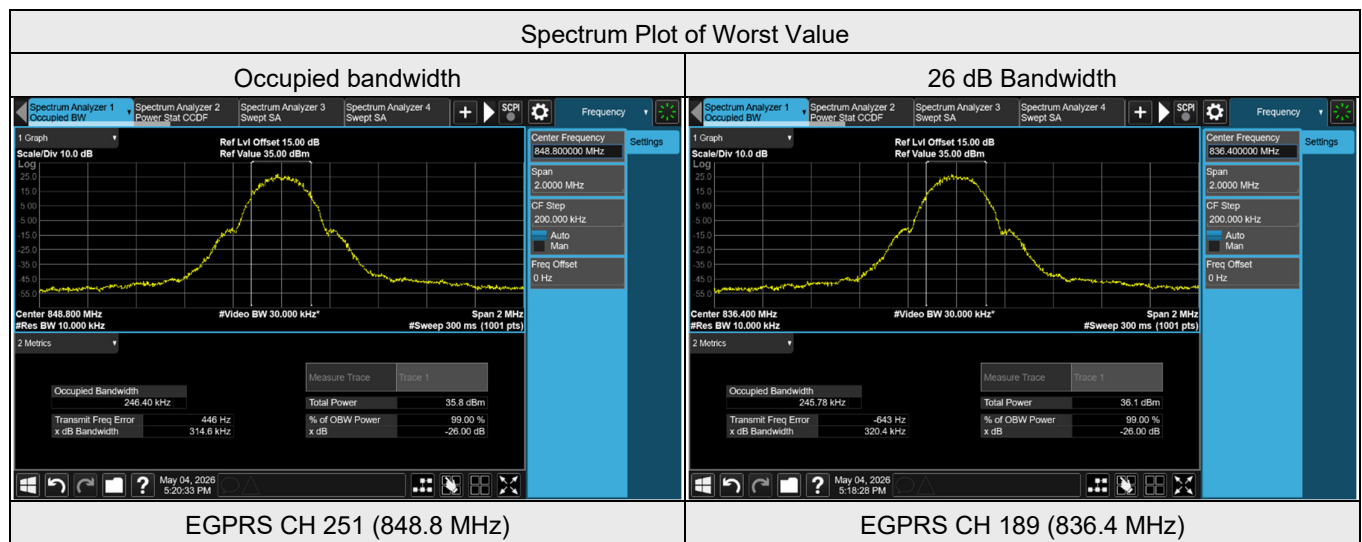


7.4 Bandwidth

Environmental Conditions:	25°C, 68% RH	Tested By:	Noah Chang
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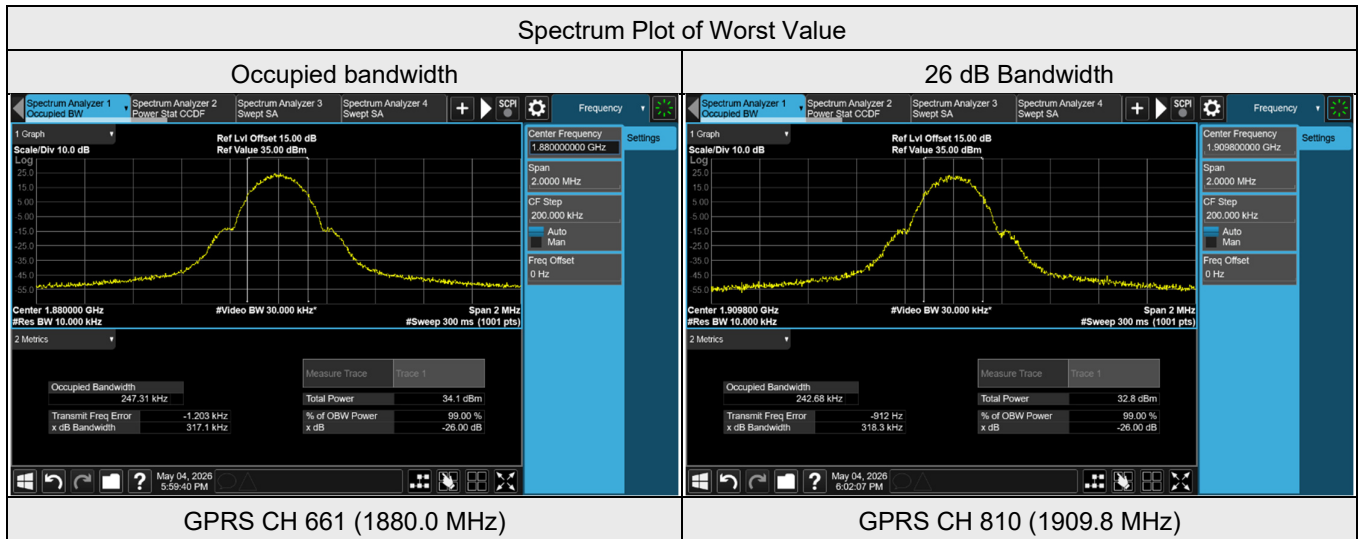
7.4.1 GSM 850

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (kHz)	26 dB Bandwidth (kHz)
GSM	128	824.2	240.31	311.8
GSM	189	836.4	241.60	307.3
GSM	251	848.8	241.15	307.0
GPRS	128	824.2	245.74	318.3
GPRS	189	836.4	246.18	314.8
GPRS	251	848.8	246.07	317.7
EGPRS	128	824.2	244.33	319.9
EGPRS	189	836.4	245.78	320.4
EGPRS	251	848.8	246.40	314.6



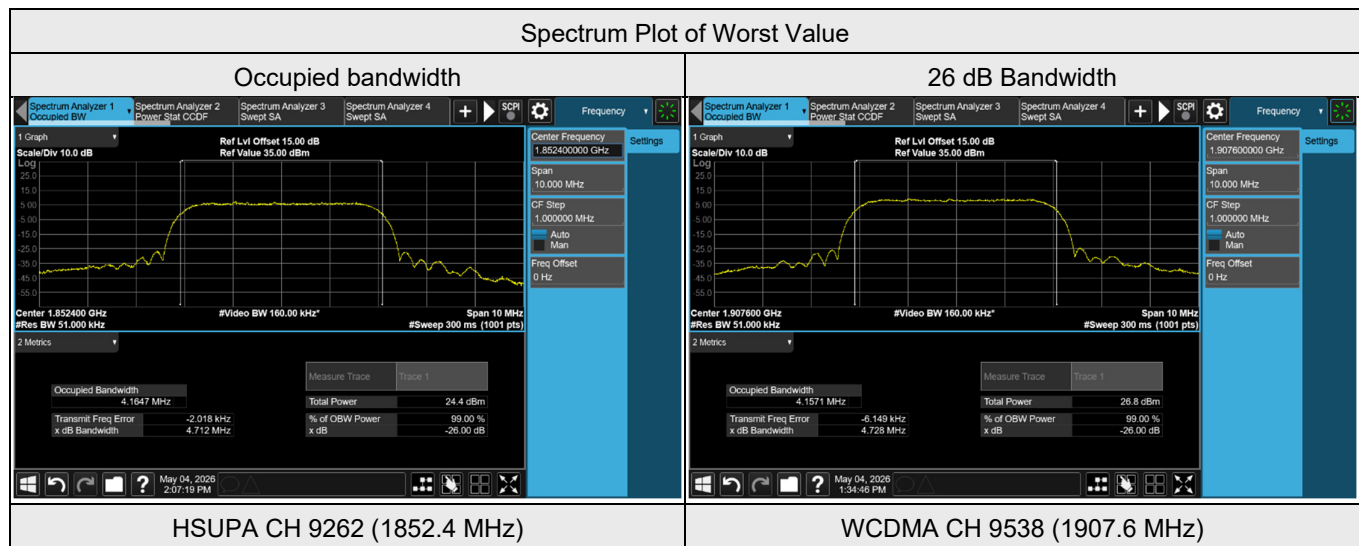
7.4.2 GSM 1900

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (kHz)	26 dB Bandwidth (kHz)
GSM	512	1850.2	242.06	299.4
GSM	661	1880.0	241.25	309.2
GSM	810	1909.8	241.72	305.8
GPRS	512	1850.2	246.46	314.6
GPRS	661	1880.0	247.31	317.1
GPRS	810	1909.8	242.68	318.3
EGPRS	512	1850.2	246.30	318.3
EGPRS	661	1880.0	244.91	315.4
EGPRS	810	1909.8	246.01	313.8



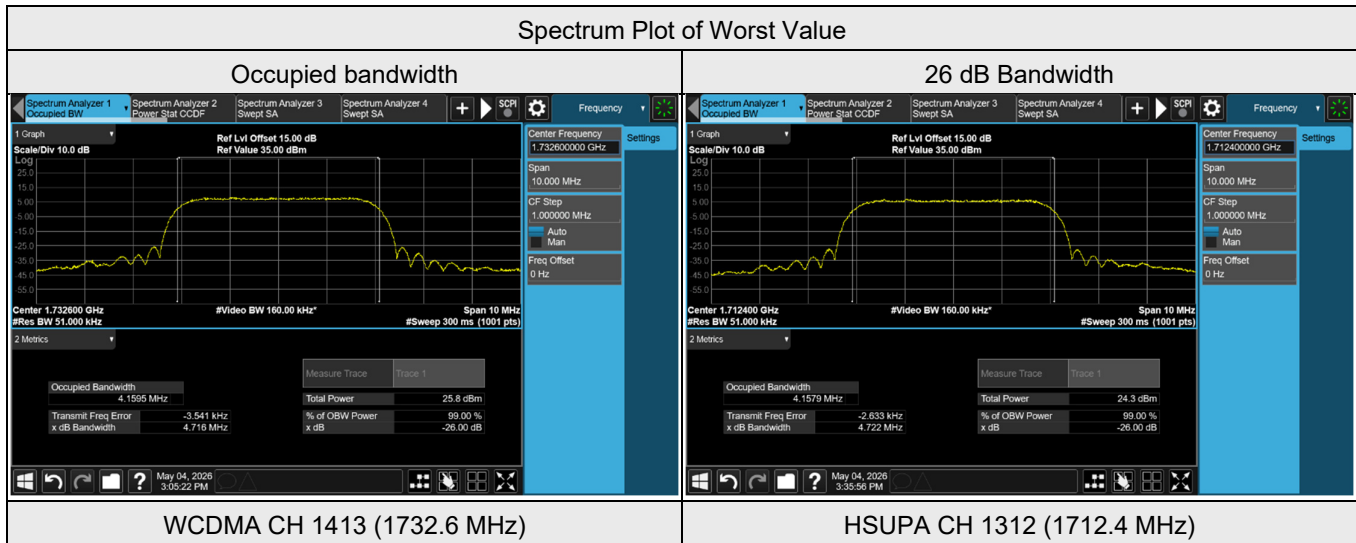
7.4.3 WCDMA Band II

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
WCDMA	9262	1852.4	4.1570	4.720
WCDMA	9400	1880	4.1537	4.712
WCDMA	9538	1907.6	4.1571	4.728
HSDPA	9262	1852.4	4.1597	4.713
HSDPA	9400	1880	4.1593	4.709
HSDPA	9538	1907.6	4.1569	4.702
HSUPA	9262	1852.4	4.1647	4.712
HSUPA	9400	1880	4.1550	4.707
HSUPA	9538	1907.6	4.1612	4.710



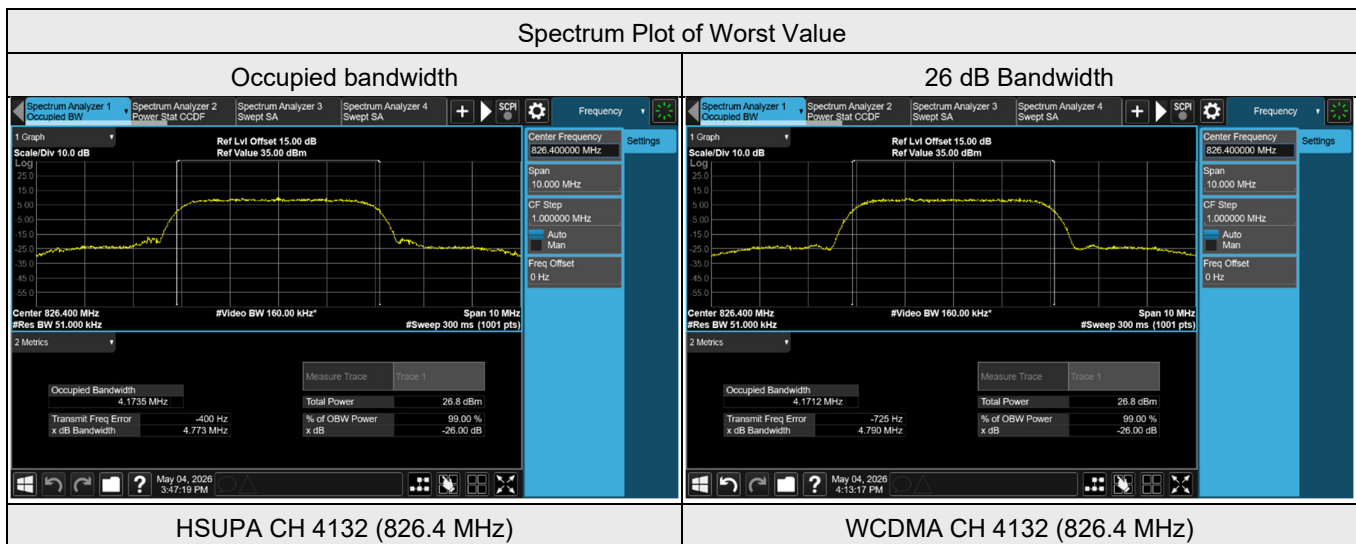
7.4.4 WCDMA Band IV

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
WCDMA	1312	1712.4	4.1589	4.715
WCDMA	1413	1732.6	4.1595	4.716
WCDMA	1513	1752.6	4.1595	4.717
HSDPA	1312	1712.4	4.1573	4.715
HSDPA	1413	1732.6	4.1572	4.715
HSDPA	1513	1752.6	4.1574	4.713
HSUPA	1312	1712.4	4.1579	4.722
HSUPA	1413	1732.6	4.1565	4.717
HSUPA	1513	1752.6	4.1575	4.721



7.4.5 WCDMA Band V

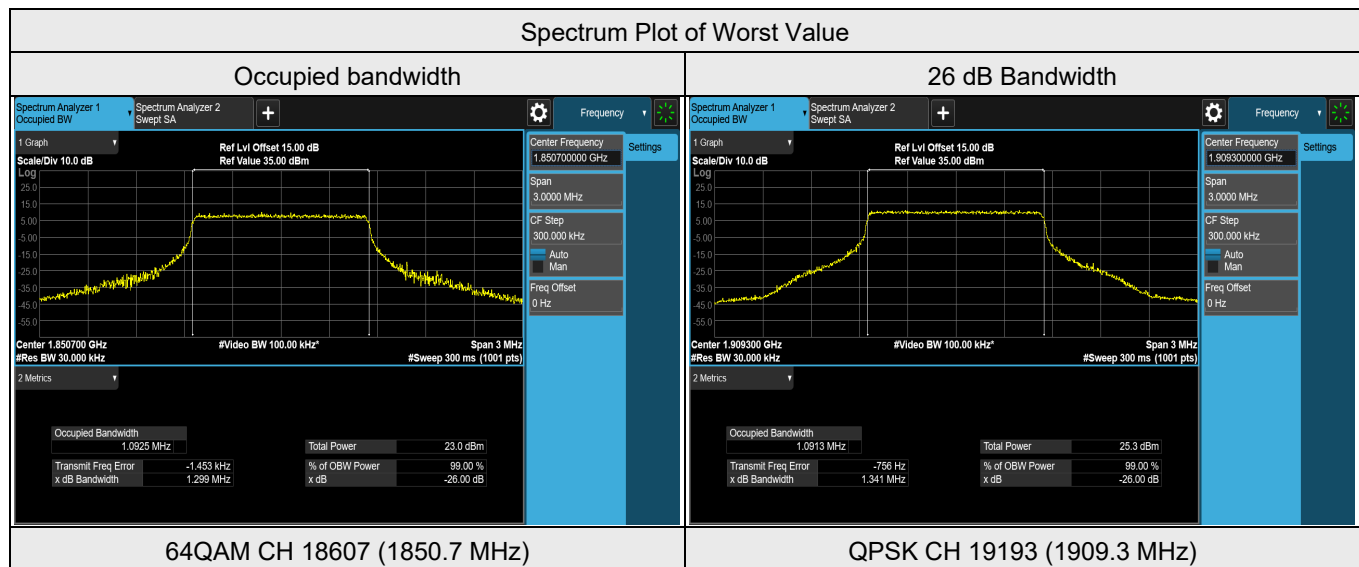
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
WCDMA	4132	826.4	4.1712	4.790
WCDMA	4182	836.4	4.1614	4.749
WCDMA	4223	846.6	4.1667	4.767
HSDPA	4132	826.4	4.1589	4.731
HSDPA	4182	836.4	4.1431	4.716
HSDPA	4223	846.6	4.1477	4.717
HSUPA	4132	826.4	4.1735	4.773
HSUPA	4182	836.4	4.1472	4.716
HSUPA	4223	846.6	4.1472	4.716



7.4.6 LTE Band 2

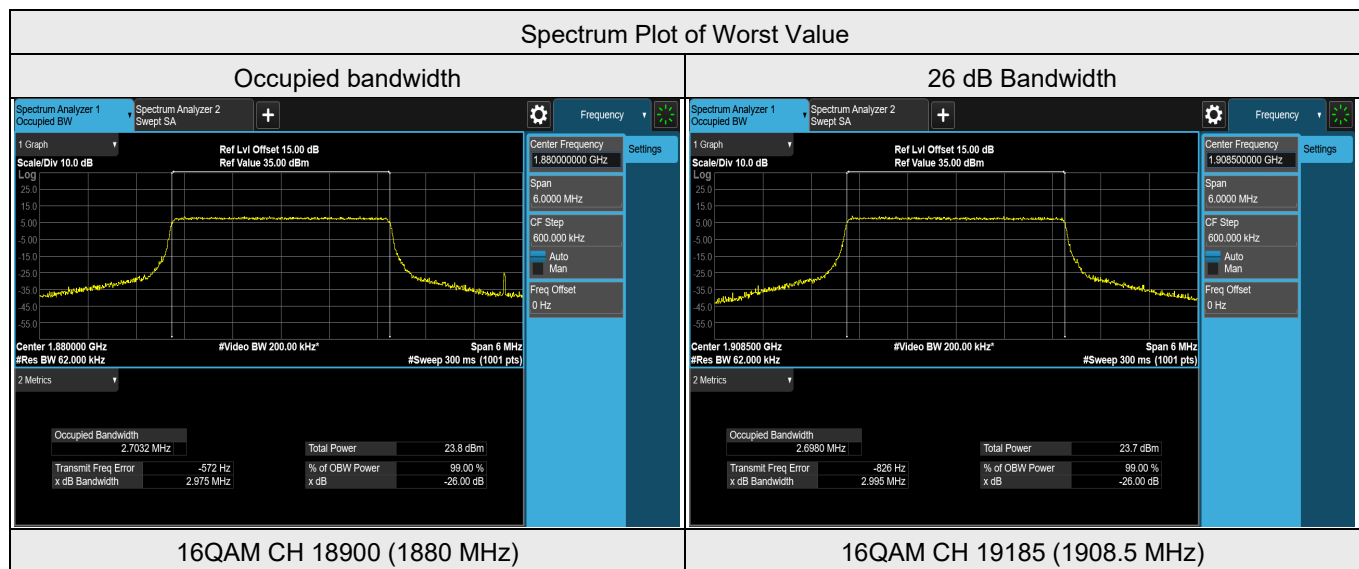
LTE Band 2, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18607	1850.7	1.0905	1.319
QPSK	18900	1880	1.0902	1.305
QPSK	19193	1909.3	1.0913	1.341
16QAM	18607	1850.7	1.0912	1.312
16QAM	18900	1880	1.0916	1.336
16QAM	19193	1909.3	1.0920	1.306
64QAM	18607	1850.7	1.0925	1.299
64QAM	18900	1880	1.0888	1.301
64QAM	19193	1909.3	1.0891	1.298
256QAM	18607	1850.7	1.0912	1.311
256QAM	18900	1880	1.0898	1.299
256QAM	19193	1909.3	1.0884	1.288



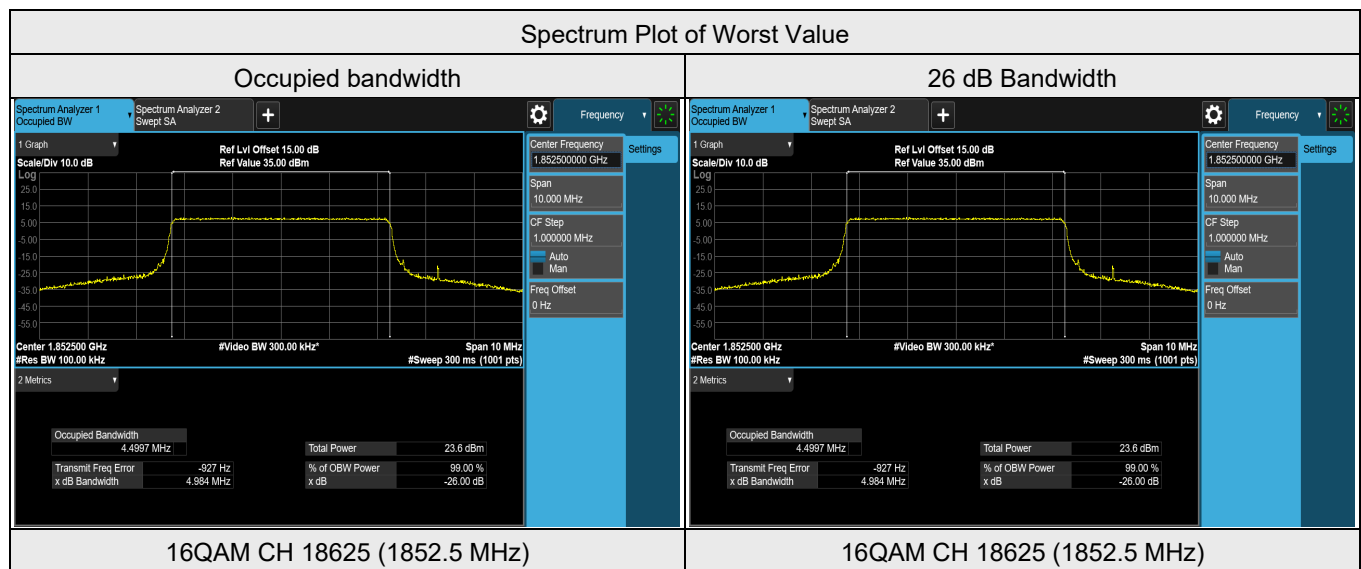
LTE Band 2, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18615	1851.5	2.7030	2.965
QPSK	18900	1880	2.7024	2.983
QPSK	19185	1908.5	2.6983	2.958
16QAM	18615	1851.5	2.6999	2.976
16QAM	18900	1880	2.7032	2.975
16QAM	19185	1908.5	2.6980	2.995
64QAM	18615	1851.5	2.6979	2.949
64QAM	18900	1880	2.6982	2.949
64QAM	19185	1908.5	2.7010	2.979
256QAM	18615	1851.5	2.7006	2.952
256QAM	18900	1880	2.7001	2.971
256QAM	19185	1908.5	2.7008	2.942



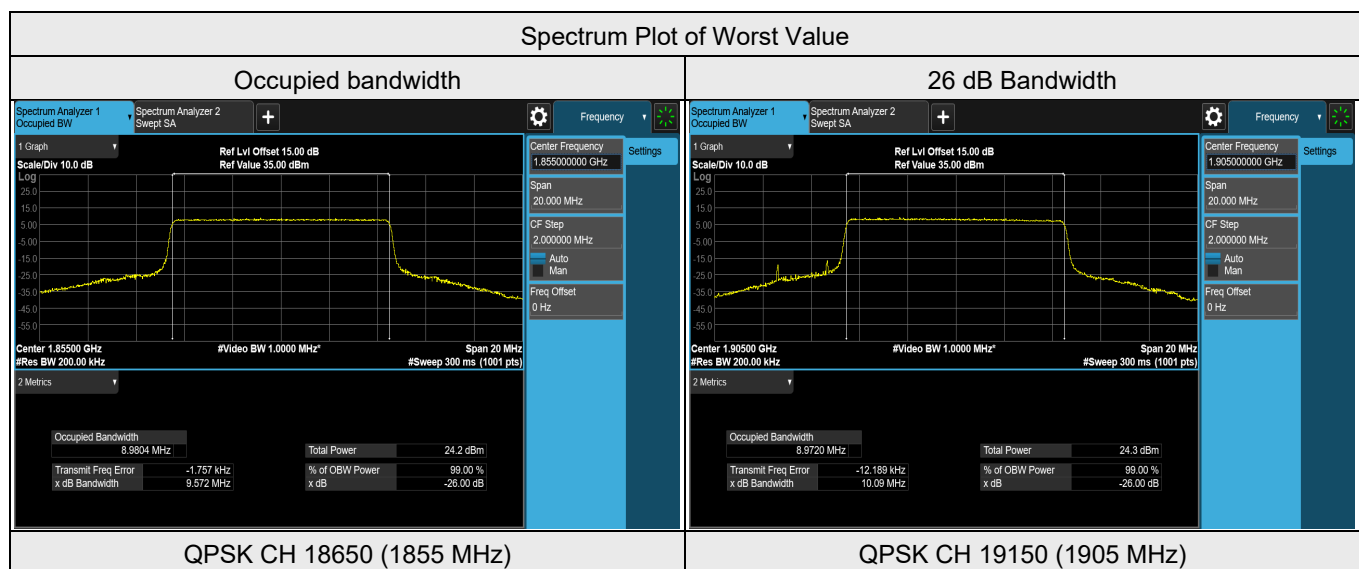
LTE Band 2, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18625	1852.5	4.4943	4.918
QPSK	18900	1880	4.4962	4.874
QPSK	19175	1907.5	4.4972	4.864
16QAM	18625	1852.5	4.4997	4.984
16QAM	18900	1880	4.4926	4.844
16QAM	19175	1907.5	4.4988	4.893
64QAM	18625	1852.5	4.4914	4.837
64QAM	18900	1880	4.4929	4.880
64QAM	19175	1907.5	4.4945	4.879
256QAM	18625	1852.5	4.4908	4.897
256QAM	18900	1880	4.4953	4.848
256QAM	19175	1907.5	4.4956	4.891



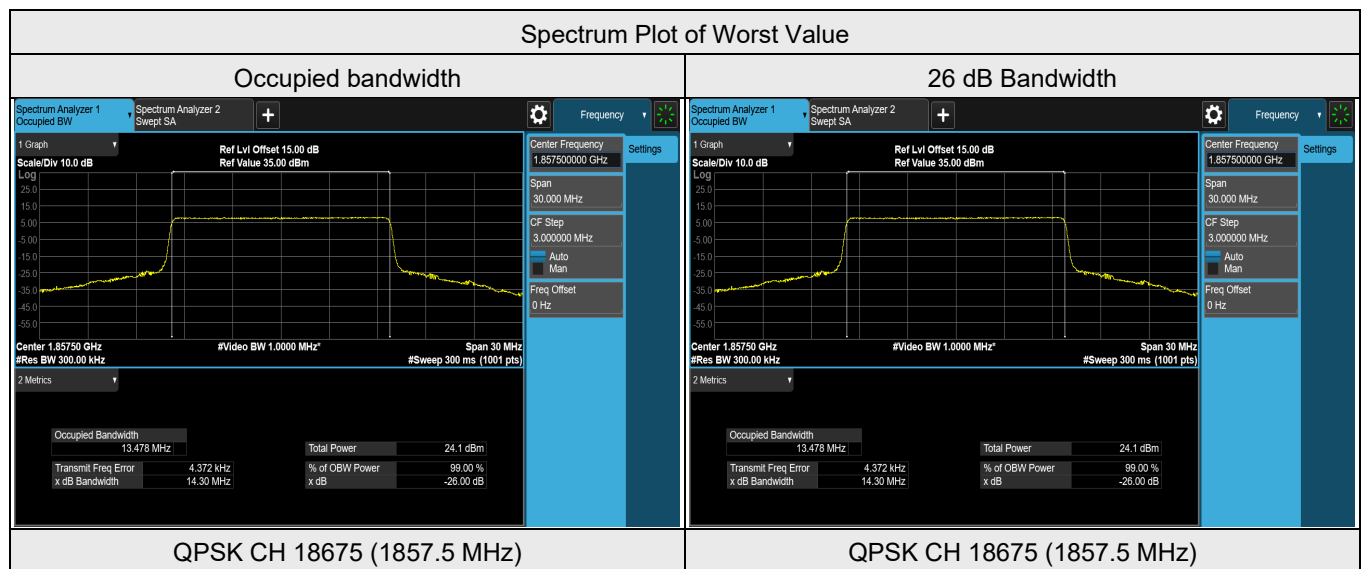
LTE Band 2, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18650	1855	8.9804	9.572
QPSK	18900	1880	8.9762	9.567
QPSK	19150	1905	8.9720	10.093
16QAM	18650	1855	8.9793	9.556
16QAM	18900	1880	8.9786	9.540
16QAM	19150	1905	8.9745	9.551
64QAM	18650	1855	8.9780	9.545
64QAM	18900	1880	8.9750	9.541
64QAM	19150	1905	8.9727	9.526
256QAM	18650	1855	8.9739	9.538
256QAM	18900	1880	8.9709	9.534
256QAM	19150	1905	8.9731	9.570



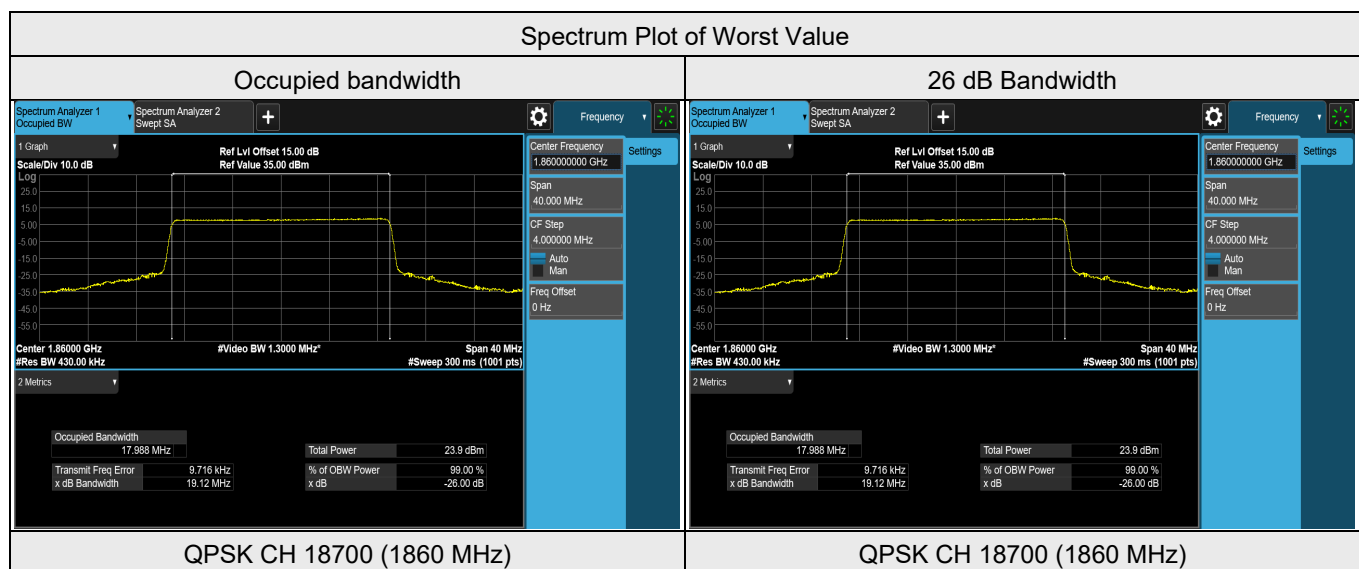
LTE Band 2, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18675	1857.5	13.4778	14.302
QPSK	18900	1880	13.4701	14.278
QPSK	19125	1902.5	13.4581	14.252
16QAM	18675	1857.5	13.4769	14.292
16QAM	18900	1880	13.4695	14.258
16QAM	19125	1902.5	13.4573	14.255
64QAM	18675	1857.5	13.4712	14.278
64QAM	18900	1880	13.4774	14.269
64QAM	19125	1902.5	13.4569	14.278
256QAM	18675	1857.5	13.4724	14.254
256QAM	18900	1880	13.4680	14.261
256QAM	19125	1902.5	13.4470	14.260



LTE Band 2, Channel Bandwidth: 20 MHz

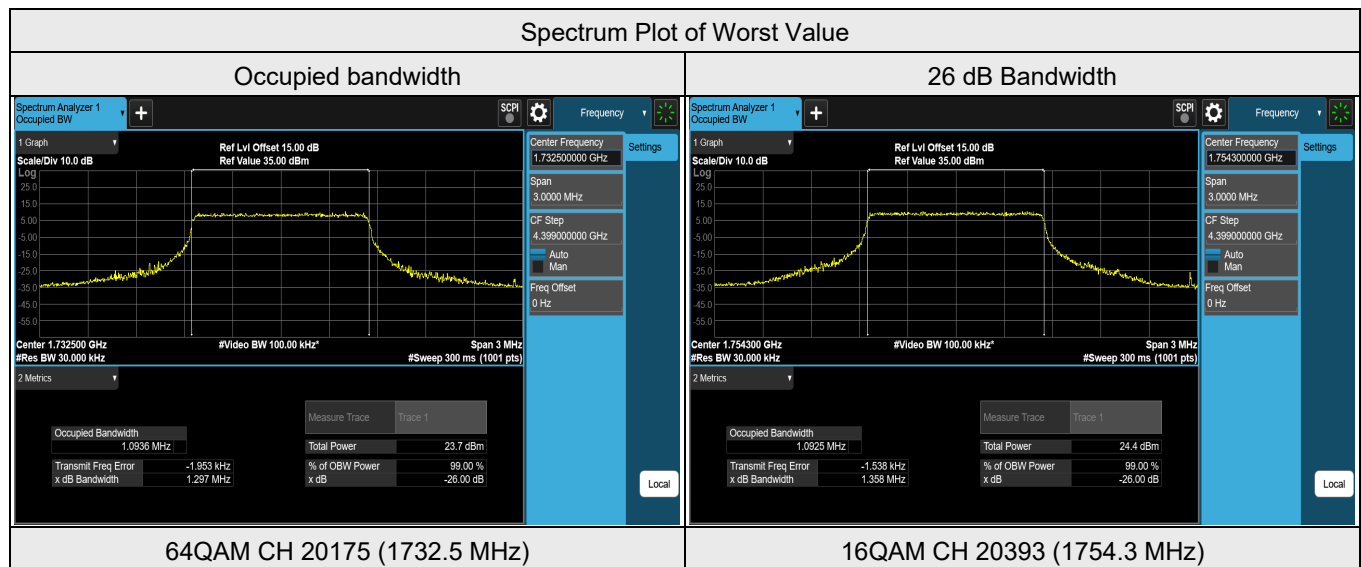
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	18700	1860	17.9885	19.117
QPSK	18900	1880	17.9682	19.073
QPSK	19100	1900	17.9405	19.043
16QAM	18700	1860	17.9780	19.025
16QAM	18900	1880	17.9583	19.066
16QAM	19100	1900	17.9465	19.037
64QAM	18700	1860	17.9716	19.039
64QAM	18900	1880	17.9589	19.040
64QAM	19100	1900	17.9338	19.021
256QAM	18700	1860	17.9806	19.042
256QAM	18900	1880	17.9533	19.014
256QAM	19100	1900	17.9327	19.037



7.4.7 LTE Band 4

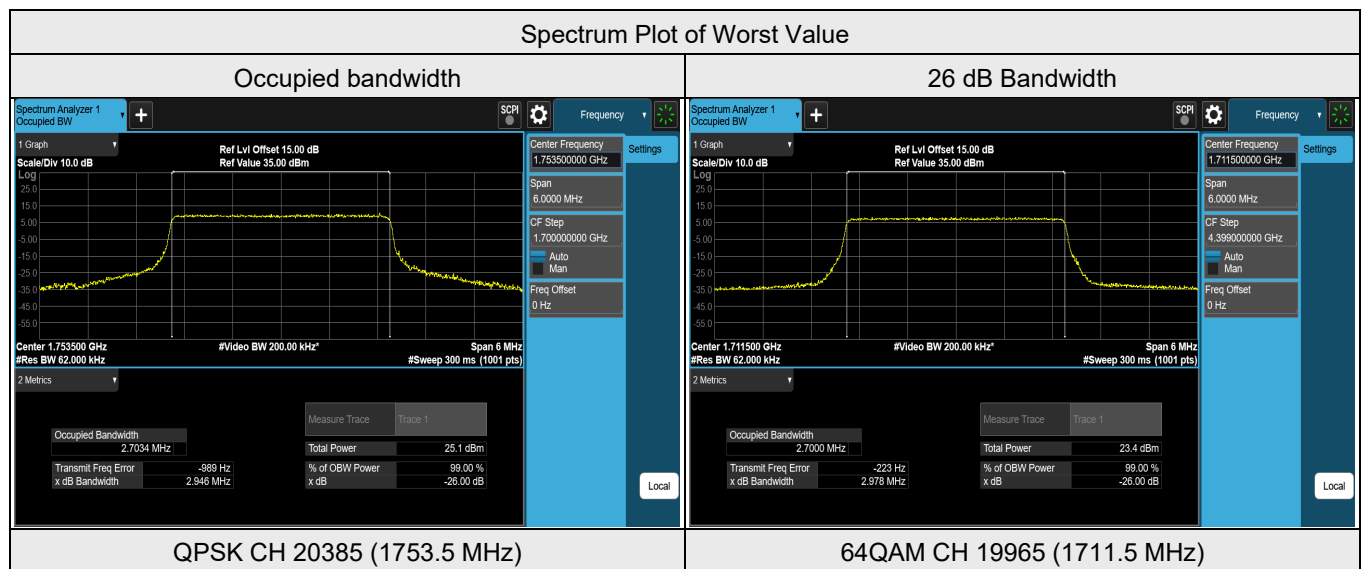
LTE Band 4, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	19957	1710.7	1.0902	1.323
QPSK	20175	1732.5	1.0917	1.318
QPSK	20393	1754.3	1.0900	1.302
16QAM	19957	1710.7	1.0910	1.327
16QAM	20175	1732.5	1.0925	1.322
16QAM	20393	1754.3	1.0925	1.358
64QAM	19957	1710.7	1.0907	1.307
64QAM	20175	1732.5	1.0936	1.297
64QAM	20393	1754.3	1.0933	1.316
256QAM	19957	1710.7	1.0900	1.301
256QAM	20175	1732.5	1.0884	1.305
256QAM	20393	1754.3	1.0915	1.328



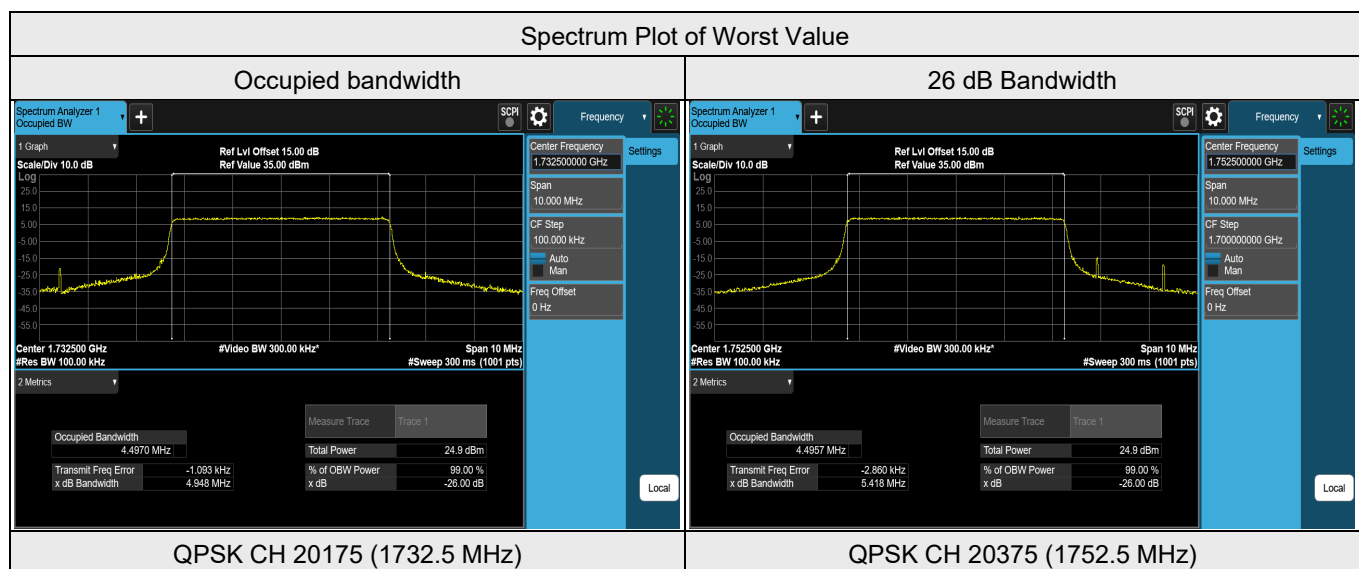
LTE Band 4, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	19965	1711.5	2.7023	2.971
QPSK	20175	1732.5	2.6992	2.957
QPSK	20385	1753.5	2.7034	2.946
16QAM	19965	1711.5	2.6993	2.963
16QAM	20175	1732.5	2.7011	2.942
16QAM	20385	1753.5	2.7011	2.913
64QAM	19965	1711.5	2.7000	2.978
64QAM	20175	1732.5	2.7011	2.945
64QAM	20385	1753.5	2.7002	2.956
256QAM	19965	1711.5	2.7014	2.969
256QAM	20175	1732.5	2.7025	2.932
256QAM	20385	1753.5	2.6973	2.944



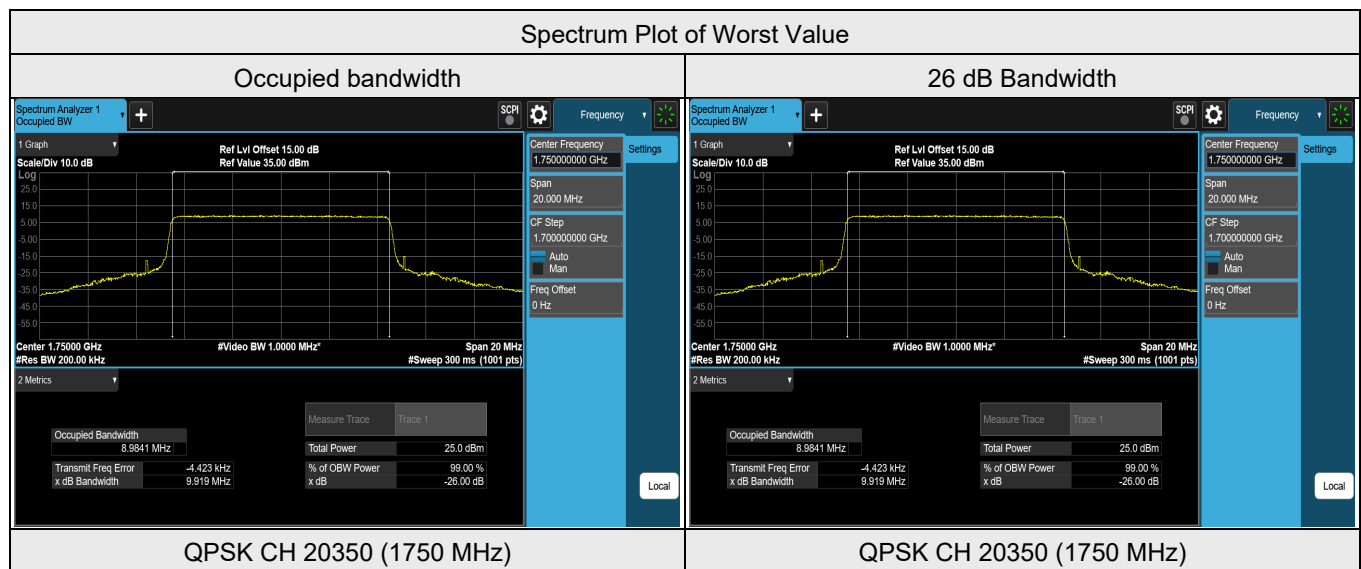
LTE Band 4, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	19975	1712.5	4.4929	4.857
QPSK	20175	1732.5	4.4970	4.948
QPSK	20375	1752.5	4.4957	5.418
16QAM	19975	1712.5	4.4947	4.871
16QAM	20175	1732.5	4.4905	4.835
16QAM	20375	1752.5	4.4927	4.918
64QAM	19975	1712.5	4.4916	4.858
64QAM	20175	1732.5	4.4941	4.870
64QAM	20375	1752.5	4.4899	4.847
256QAM	19975	1712.5	4.4910	4.806
256QAM	20175	1732.5	4.4936	4.873
256QAM	20375	1752.5	4.4934	4.904



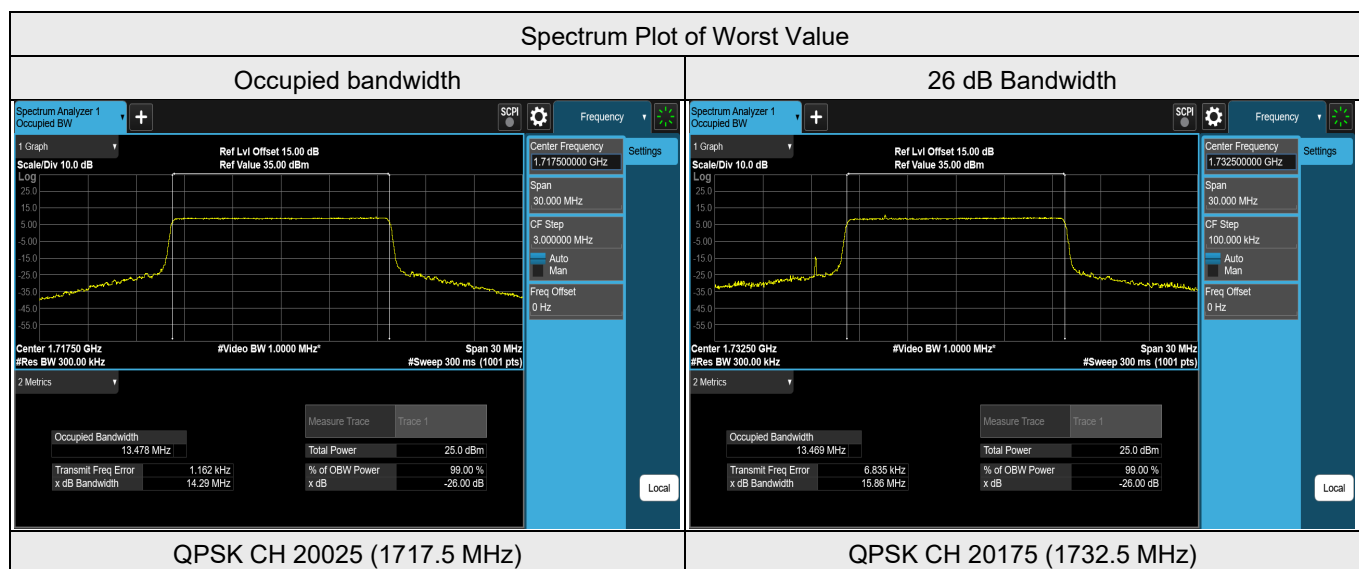
LTE Band 4, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20000	1715	8.9836	9.593
QPSK	20175	1732.5	8.9776	9.521
QPSK	20350	1750	8.9841	9.919
16QAM	20000	1715	8.9786	9.564
16QAM	20175	1732.5	8.9790	9.513
16QAM	20350	1750	8.9763	9.508
64QAM	20000	1715	8.9756	9.550
64QAM	20175	1732.5	8.9760	9.553
64QAM	20350	1750	8.9816	9.558
256QAM	20000	1715	8.9801	9.546
256QAM	20175	1732.5	8.9747	9.570
256QAM	20350	1750	8.9773	9.475



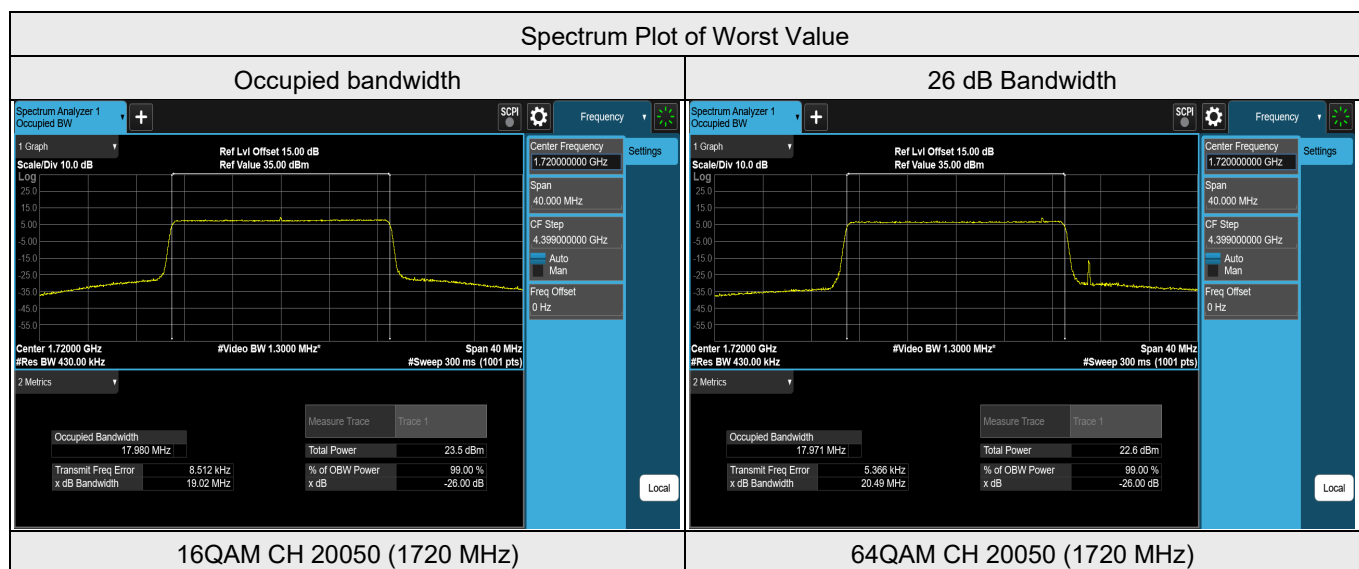
LTE Band 4, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20025	1717.5	13.4781	14.285
QPSK	20175	1732.5	13.4693	15.861
QPSK	20325	1747.5	13.4745	14.231
16QAM	20025	1717.5	13.4718	14.285
16QAM	20175	1732.5	13.4632	14.231
16QAM	20325	1747.5	13.4718	14.237
64QAM	20025	1717.5	13.4697	14.279
64QAM	20175	1732.5	13.4604	14.219
64QAM	20325	1747.5	13.4674	14.294
256QAM	20025	1717.5	13.4700	14.283
256QAM	20175	1732.5	13.4549	14.212
256QAM	20325	1747.5	13.4604	14.282



LTE Band 4, Channel Bandwidth: 20 MHz

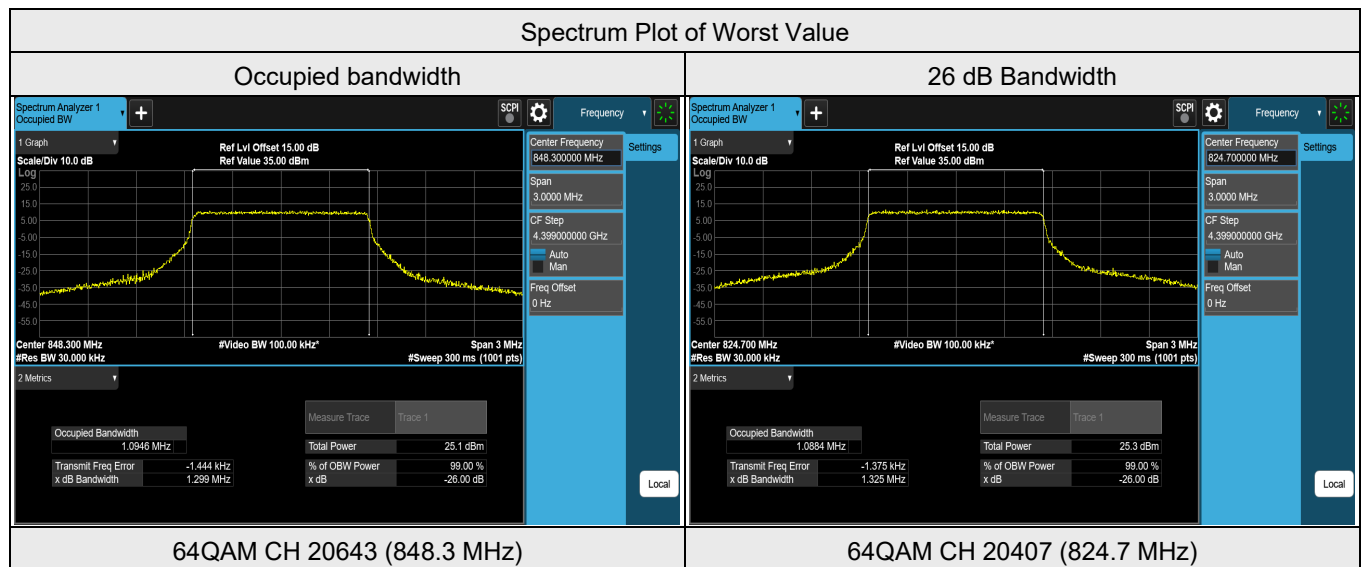
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20050	1720	17.9796	19.078
QPSK	20175	1732.5	17.9576	19.012
QPSK	20300	1745	17.9706	19.045
16QAM	20050	1720	17.9798	19.022
16QAM	20175	1732.5	17.9670	19.026
16QAM	20300	1745	17.9668	19.045
64QAM	20050	1720	17.9715	20.492
64QAM	20175	1732.5	17.9587	18.979
64QAM	20300	1745	17.9664	19.033
256QAM	20050	1720	17.9741	18.985
256QAM	20175	1732.5	17.9577	18.960
256QAM	20300	1745	17.9726	19.047



7.4.8 LTE Band 5

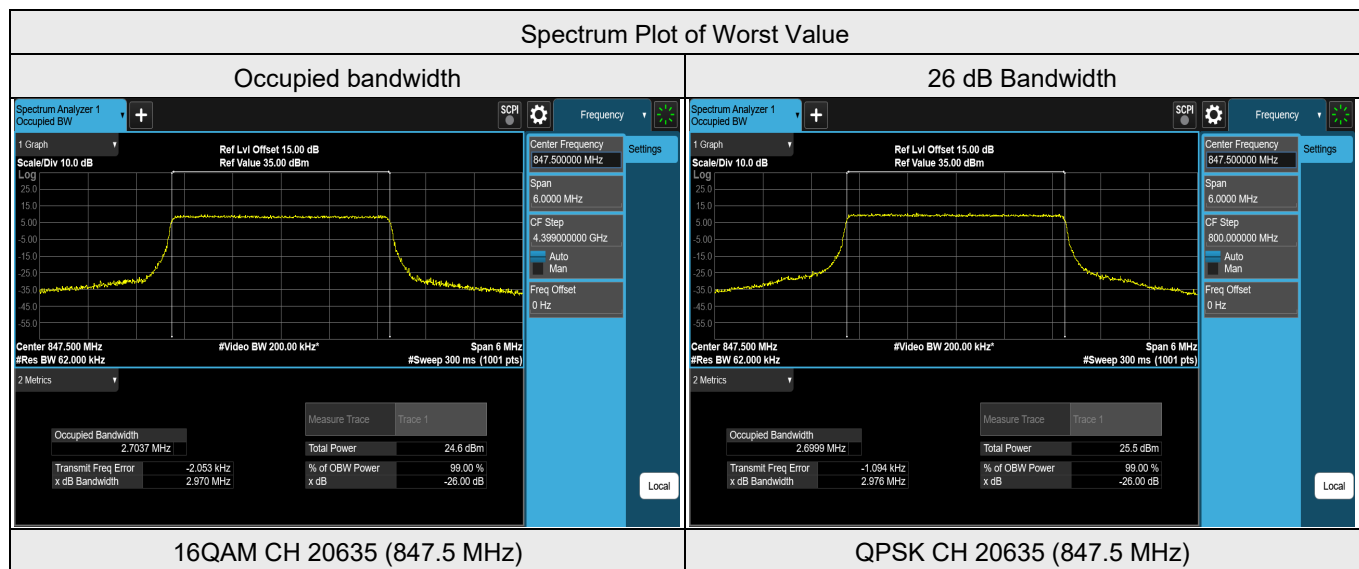
LTE Band 5, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20407	824.7	1.0909	1.306
QPSK	20525	836.5	1.0901	1.285
QPSK	20643	848.3	1.0908	1.319
16QAM	20407	824.7	1.0926	1.320
16QAM	20525	836.5	1.0908	1.285
16QAM	20643	848.3	1.0902	1.298
64QAM	20407	824.7	1.0884	1.325
64QAM	20525	836.5	1.0915	1.307
64QAM	20643	848.3	1.0946	1.299
256QAM	20407	824.7	1.0899	1.296
256QAM	20525	836.5	1.0892	1.299
256QAM	20643	848.3	1.0914	1.289



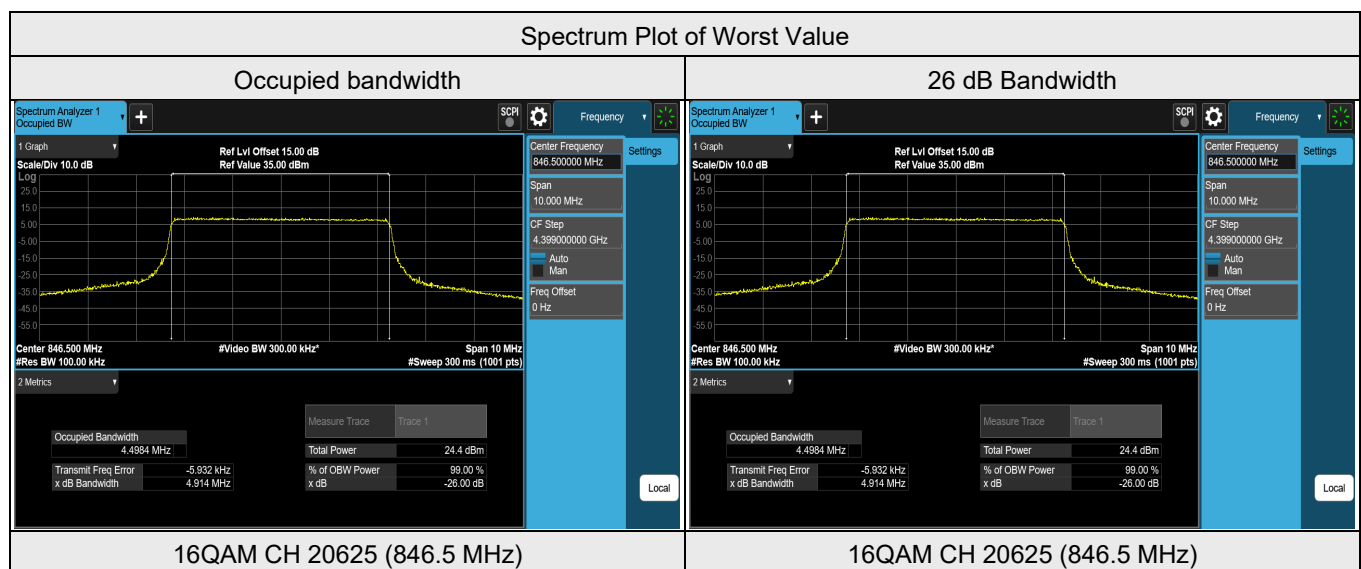
LTE Band 5, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20415	825.5	2.7021	2.969
QPSK	20525	836.5	2.7012	2.958
QPSK	20635	847.5	2.6999	2.976
16QAM	20415	825.5	2.7004	2.961
16QAM	20525	836.5	2.7011	2.951
16QAM	20635	847.5	2.7037	2.970
64QAM	20415	825.5	2.7000	2.971
64QAM	20525	836.5	2.7014	2.941
64QAM	20635	847.5	2.7000	2.965
256QAM	20415	825.5	2.6995	2.959
256QAM	20525	836.5	2.6980	2.945
256QAM	20635	847.5	2.6979	2.974



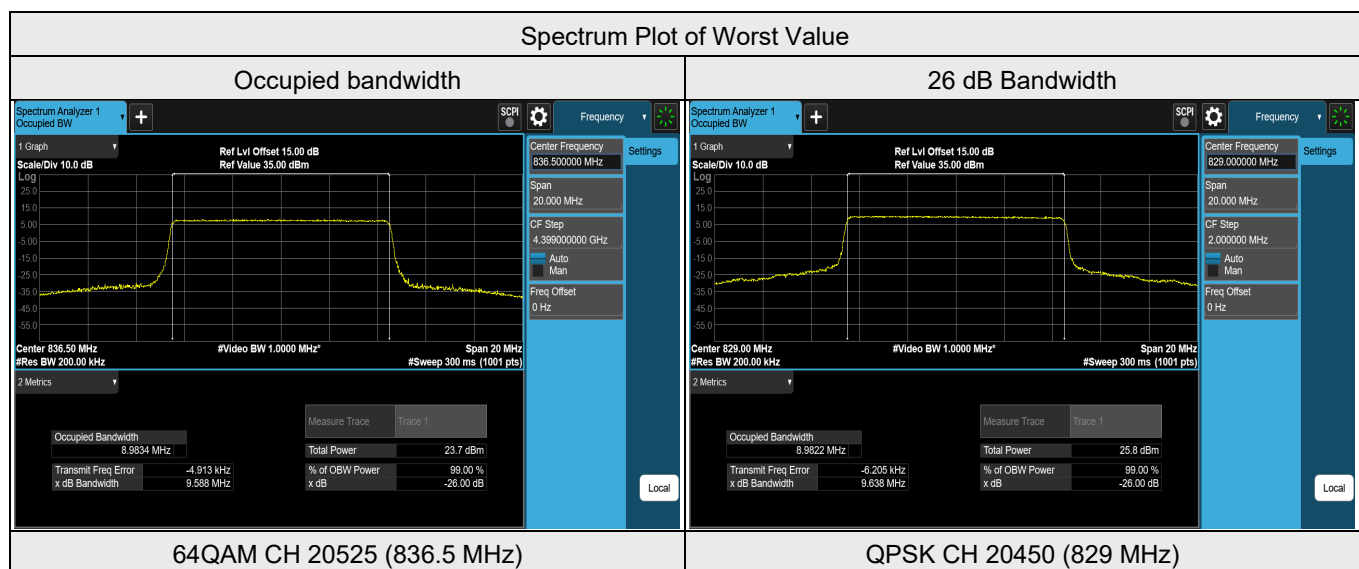
LTE Band 5, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20425	826.5	4.4969	4.902
QPSK	20525	836.5	4.4957	4.908
QPSK	20625	846.5	4.4952	4.907
16QAM	20425	826.5	4.4967	4.889
16QAM	20525	836.5	4.4961	4.882
16QAM	20625	846.5	4.4984	4.914
64QAM	20425	826.5	4.4962	4.891
64QAM	20525	836.5	4.4938	4.907
64QAM	20625	846.5	4.4948	4.876
256QAM	20425	826.5	4.4910	4.880
256QAM	20525	836.5	4.4934	4.879
256QAM	20625	846.5	4.4942	4.870



LTE Band 5, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20450	829	8.9822	9.638
QPSK	20525	836.5	8.9757	9.590
QPSK	20600	844	8.9815	9.556
16QAM	20450	829	8.9823	9.561
16QAM	20525	836.5	8.9766	9.582
16QAM	20600	844	8.9788	9.545
64QAM	20450	829	8.9793	9.538
64QAM	20525	836.5	8.9834	9.588
64QAM	20600	844	8.9726	9.542
256QAM	20450	829	8.9743	9.560
256QAM	20525	836.5	8.9800	9.541
256QAM	20600	844	8.9756	9.528



7.4.9 LTE Band 7

LTE Band 7, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20775	2502.5	4.4907	4.983
QPSK	21100	2535	4.4918	4.932
QPSK	21425	2567.5	4.4935	4.951
16QAM	20775	2502.5	4.4881	4.940
16QAM	21100	2535	4.4909	4.894
16QAM	21425	2567.5	4.4911	4.904
64QAM	20775	2502.5	4.4916	4.865
64QAM	21100	2535	4.4937	4.887
64QAM	21425	2567.5	4.4943	4.872
256QAM	20775	2502.5	4.4908	4.885
256QAM	21100	2535	0.3475	0.483
256QAM	21425	2567.5	0.3430	0.475

