

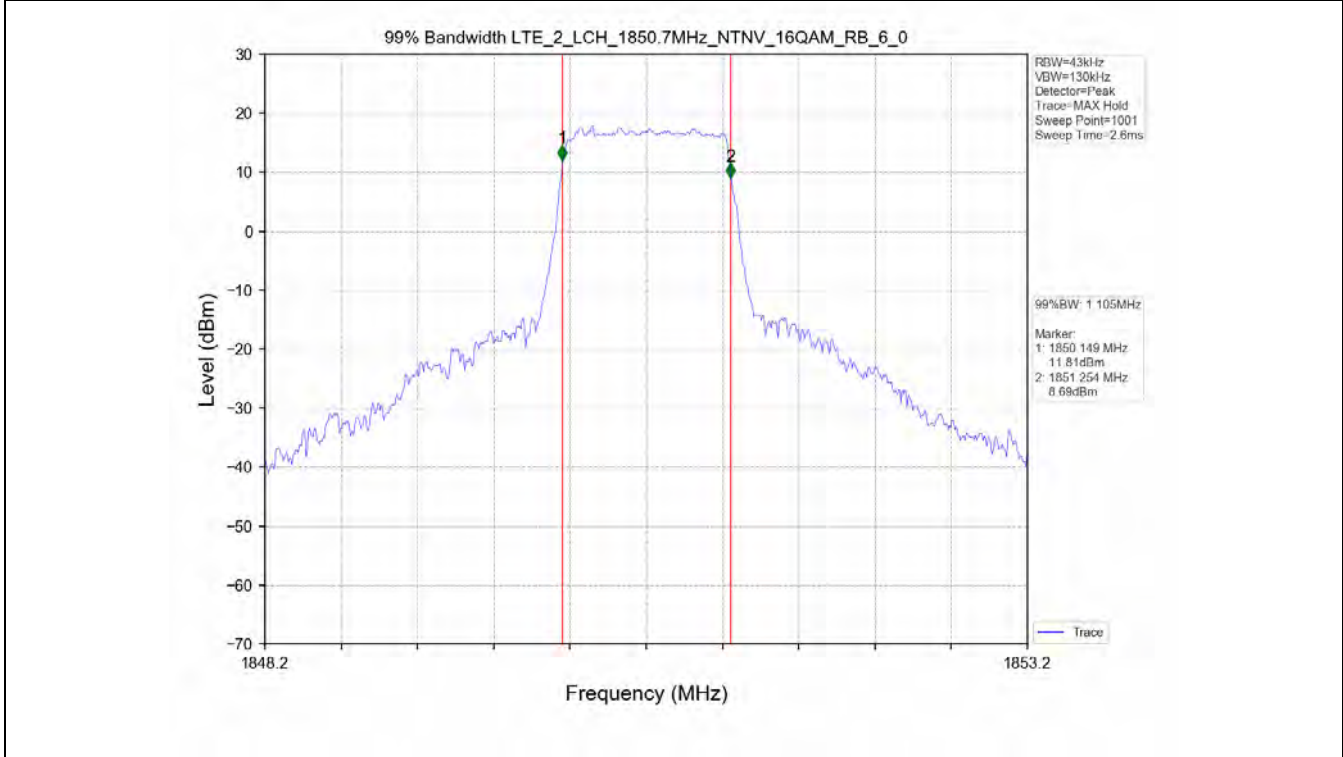
4. 99% & 26dB Bandwidth

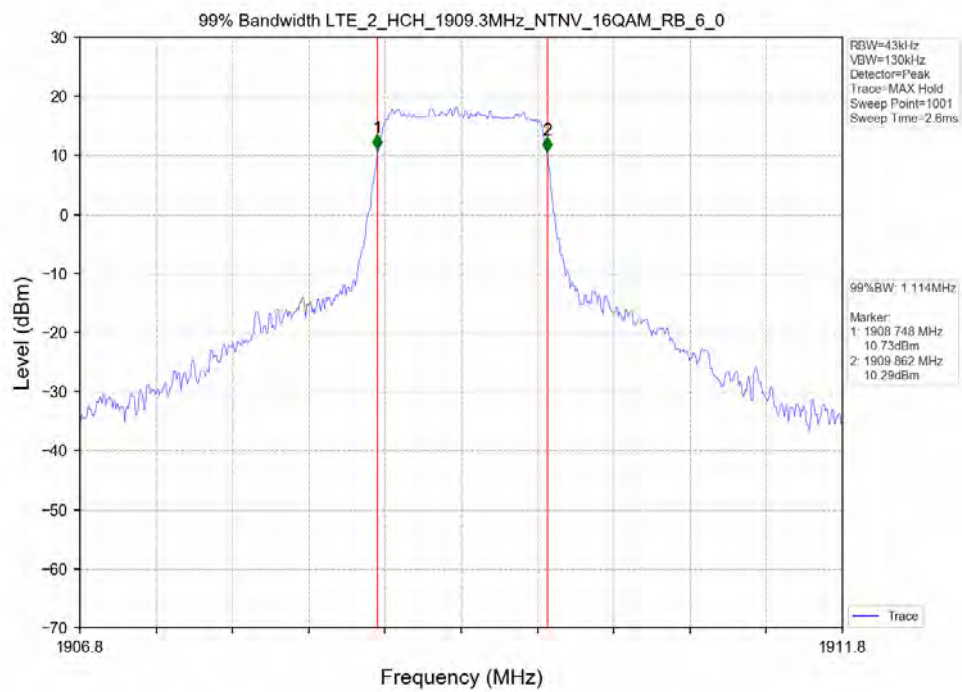
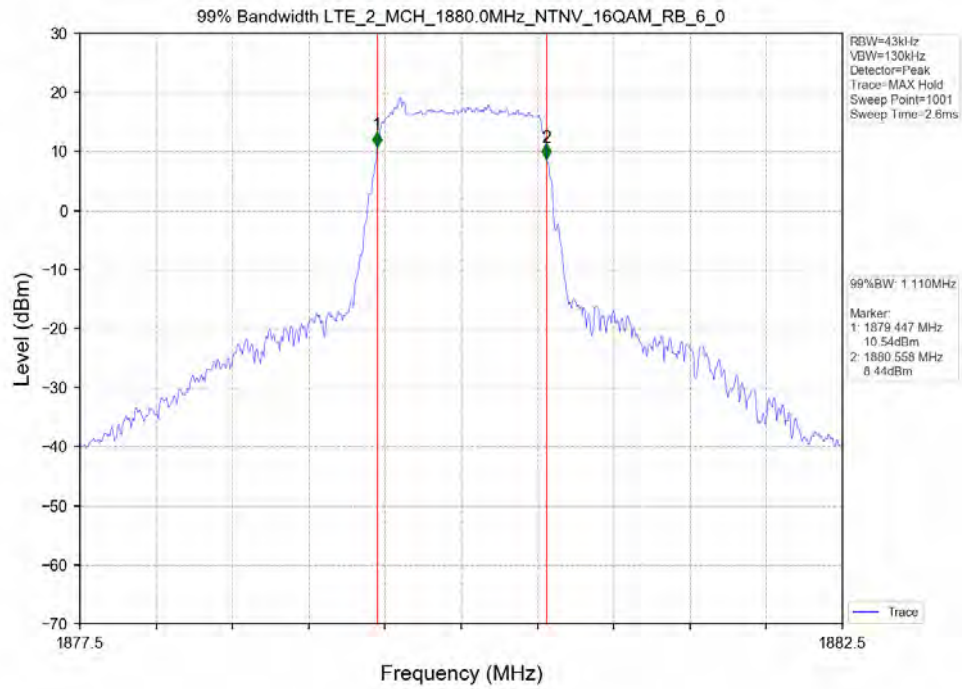
4.1 Test Result

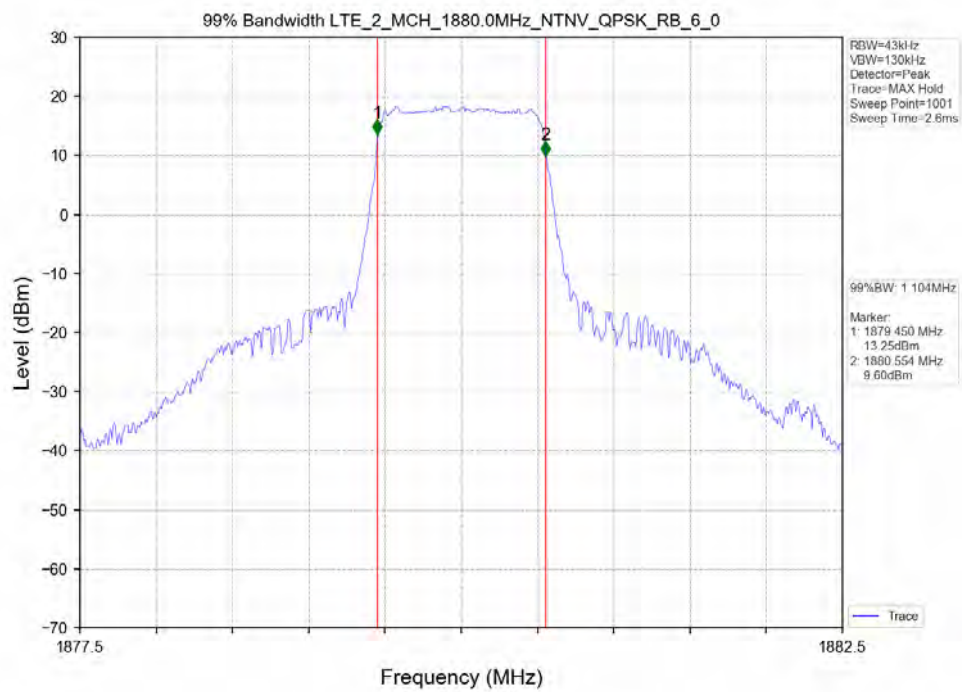
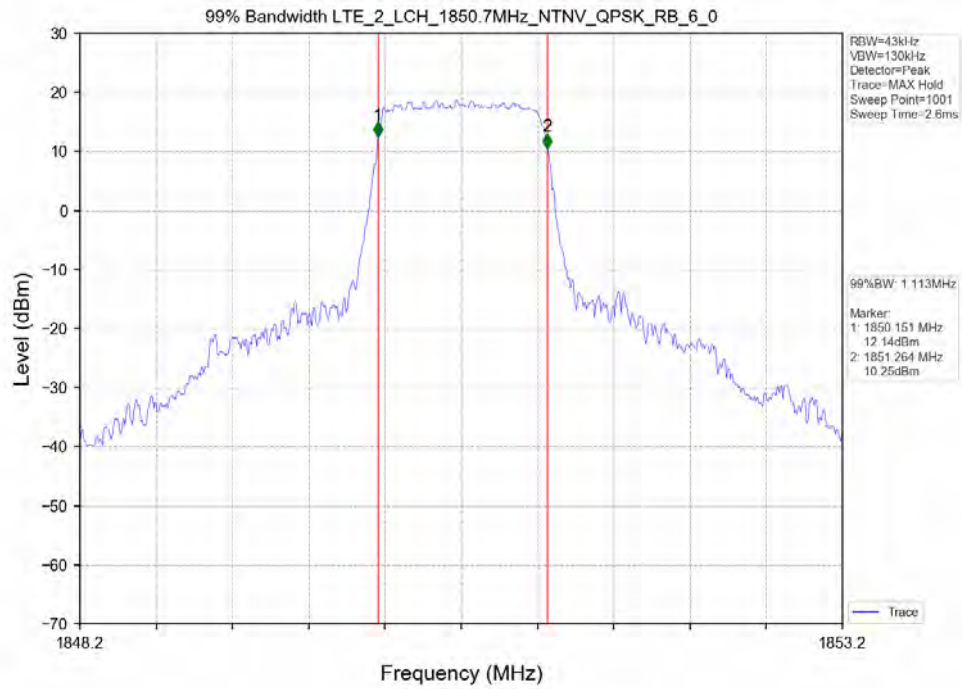
Band 2

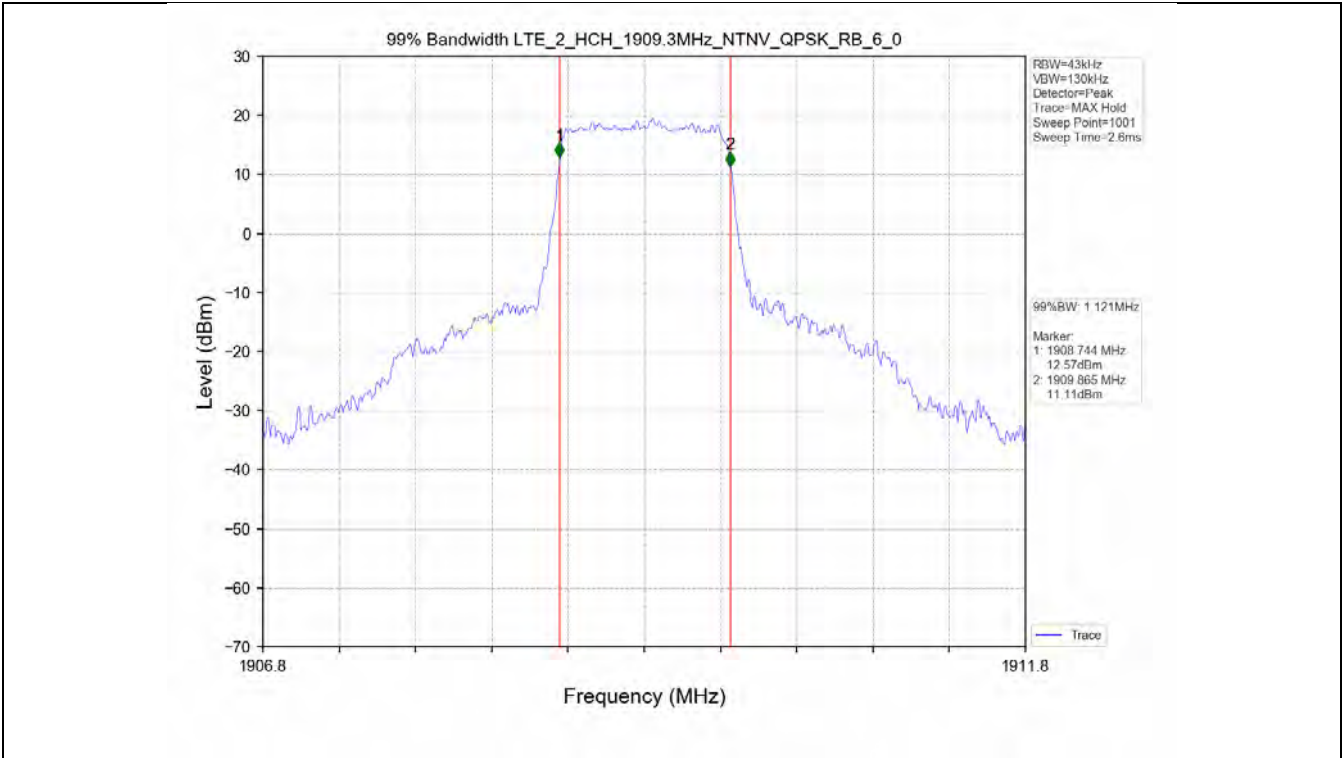
Test Band: 2 1.4MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.113	1.104	1.121	N/A	PASS
16QAM	6	0	1.105	1.110	1.114	N/A	PASS

4.2 Test Graph



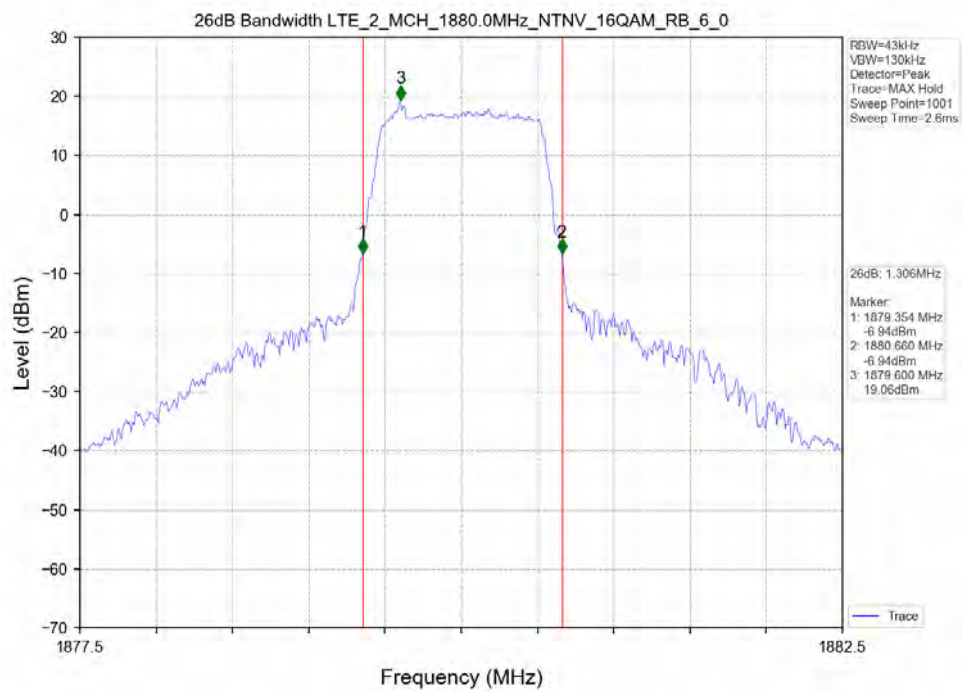
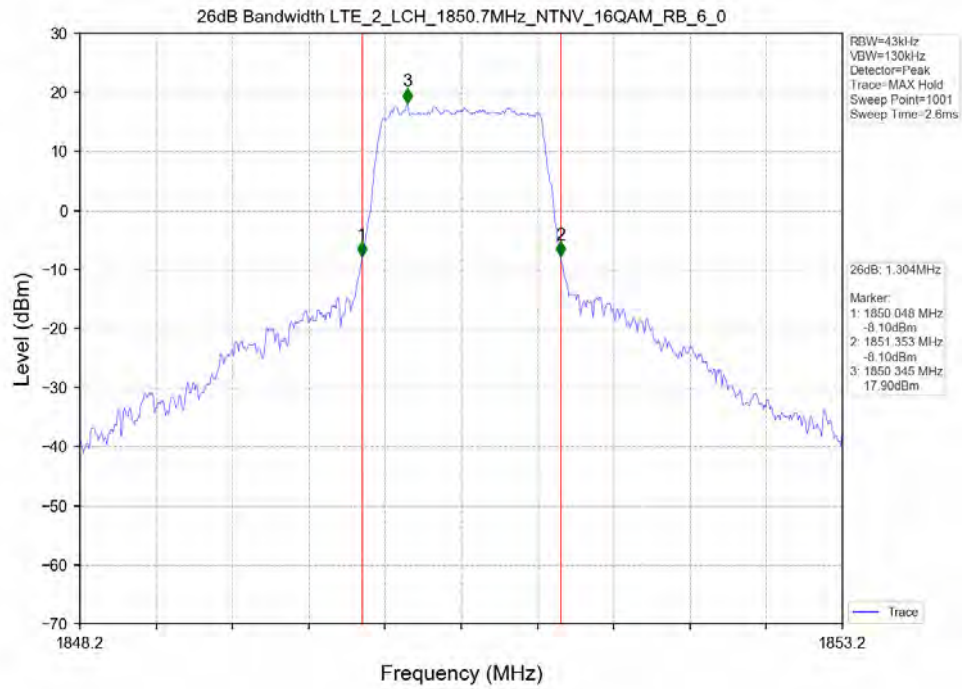


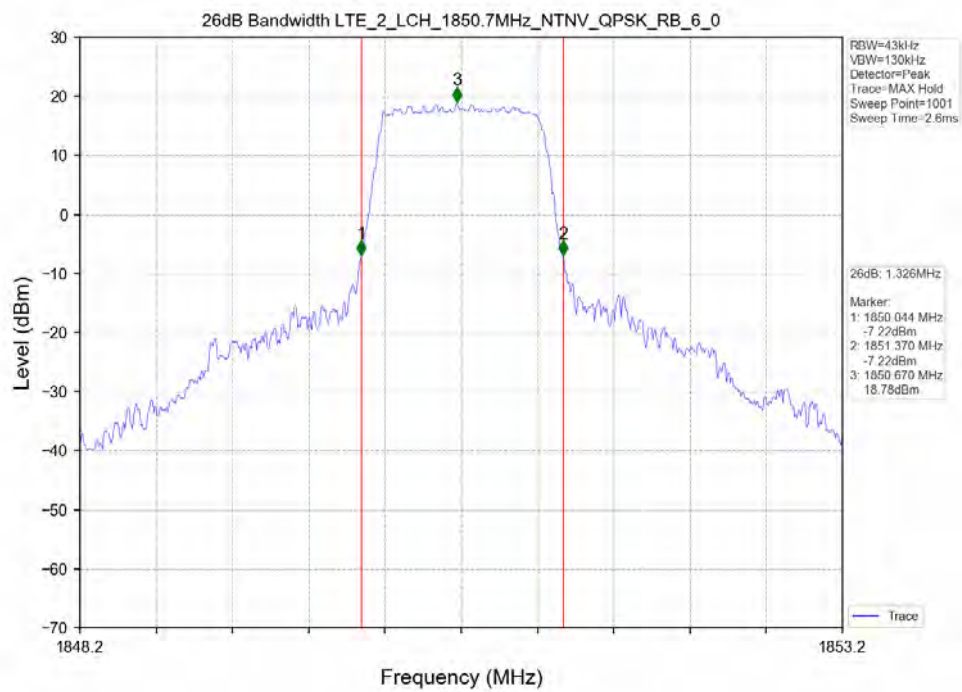
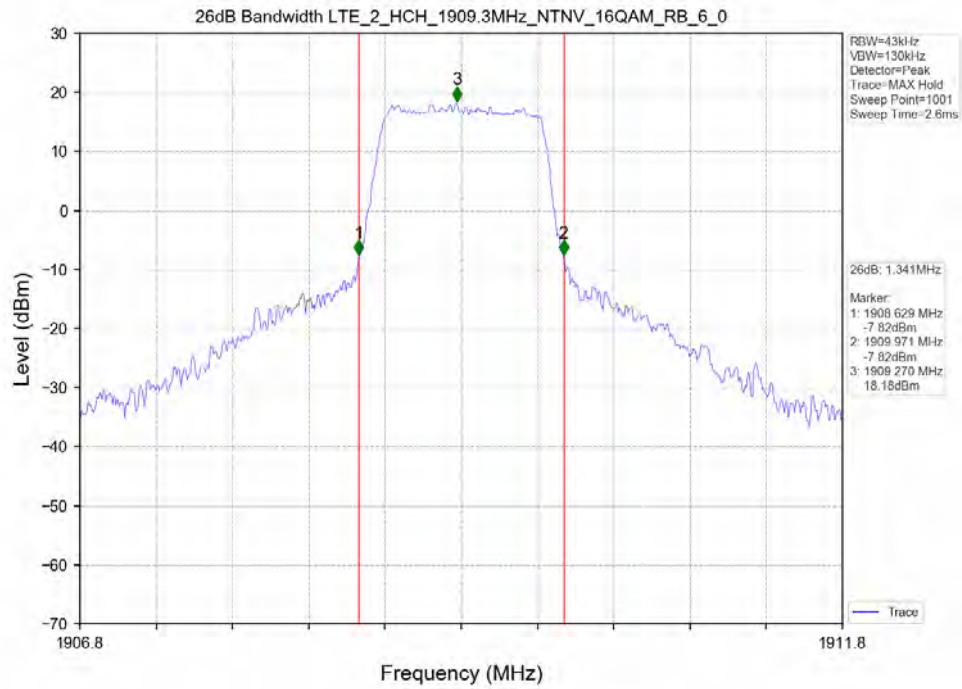


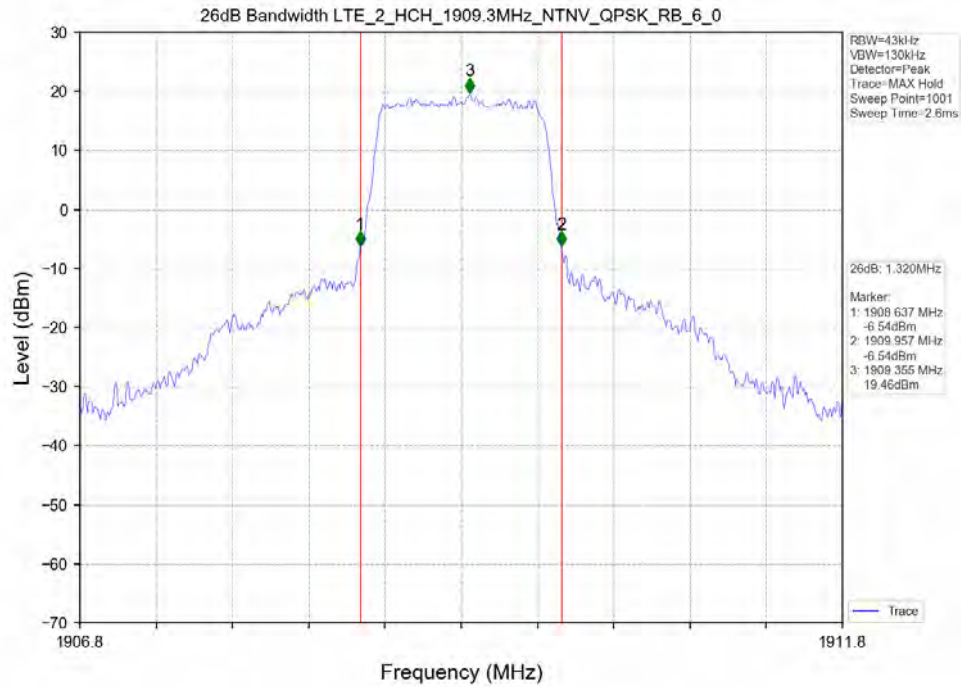
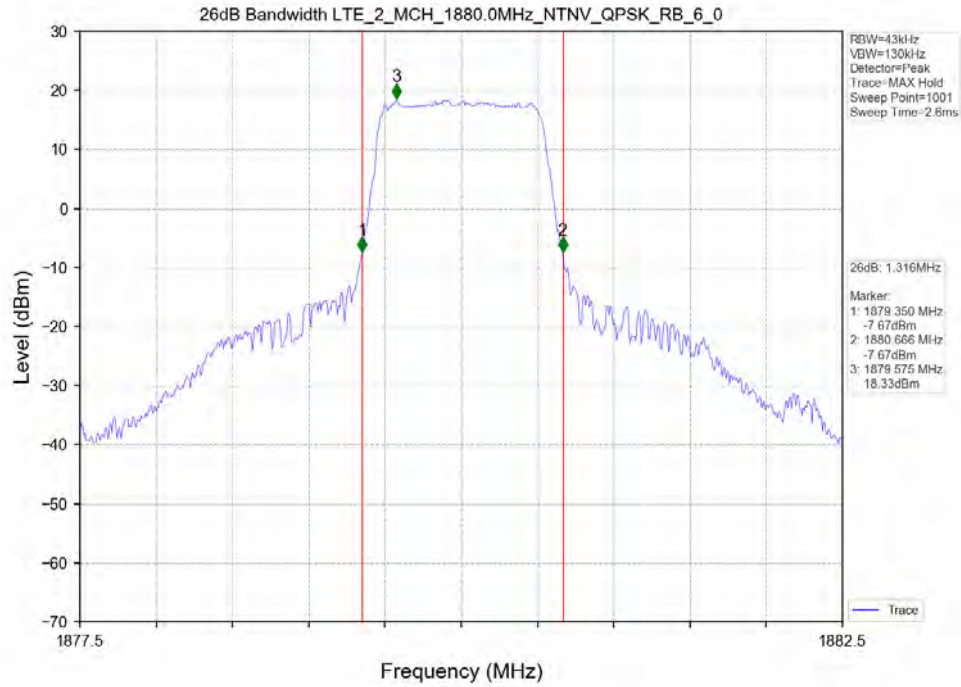


Test Band: 2_1.4MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.326	1.316	1.320	N/A	PASS
16QAM	6	0	1.304	1.306	1.341	N/A	PASS

4.2 Test Graph

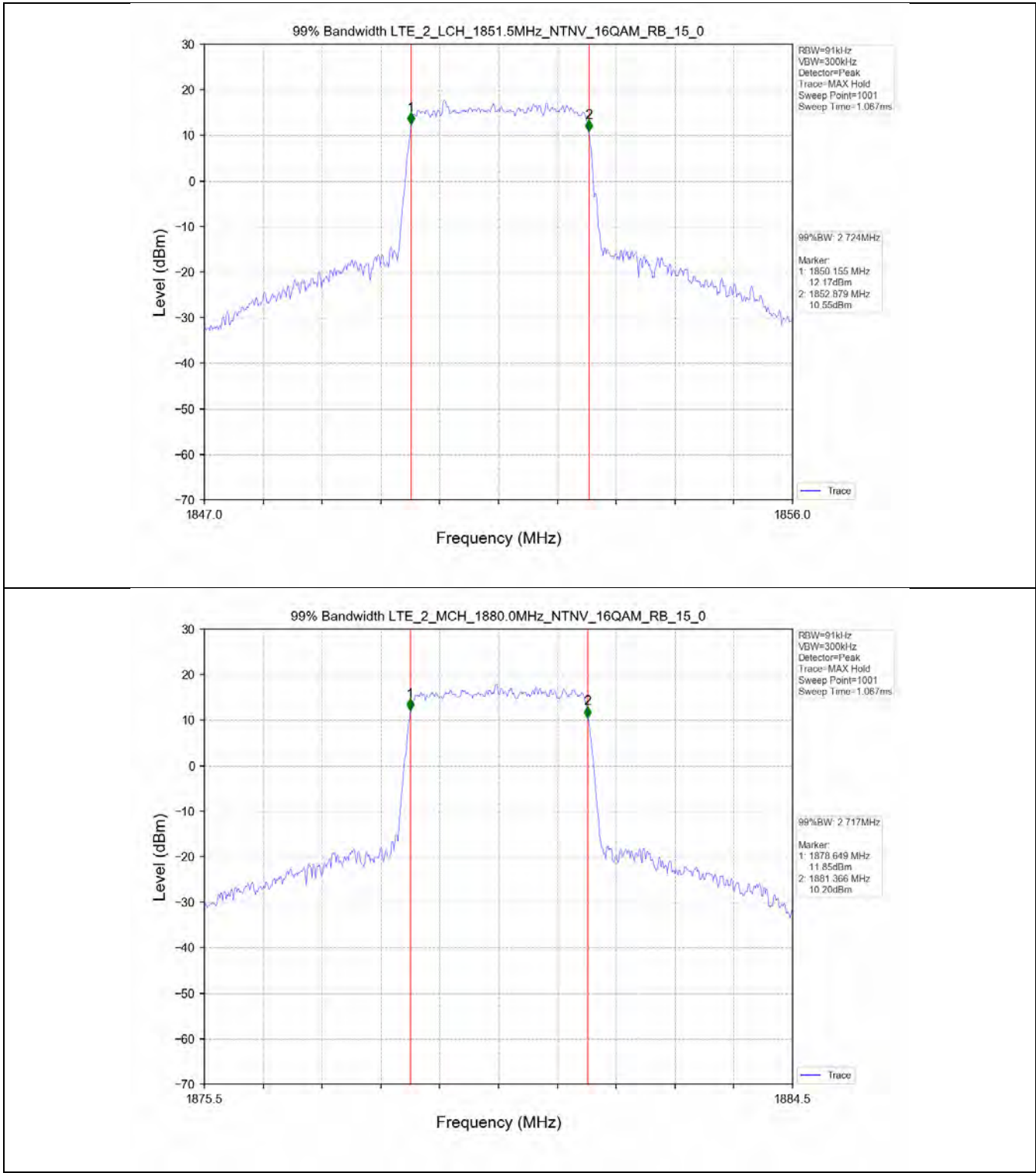


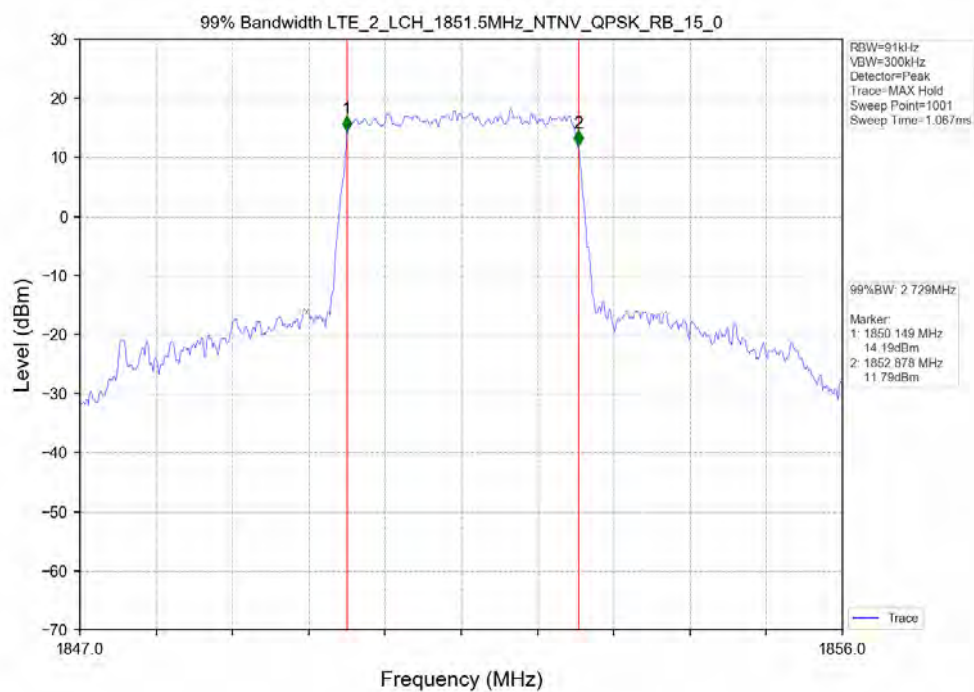
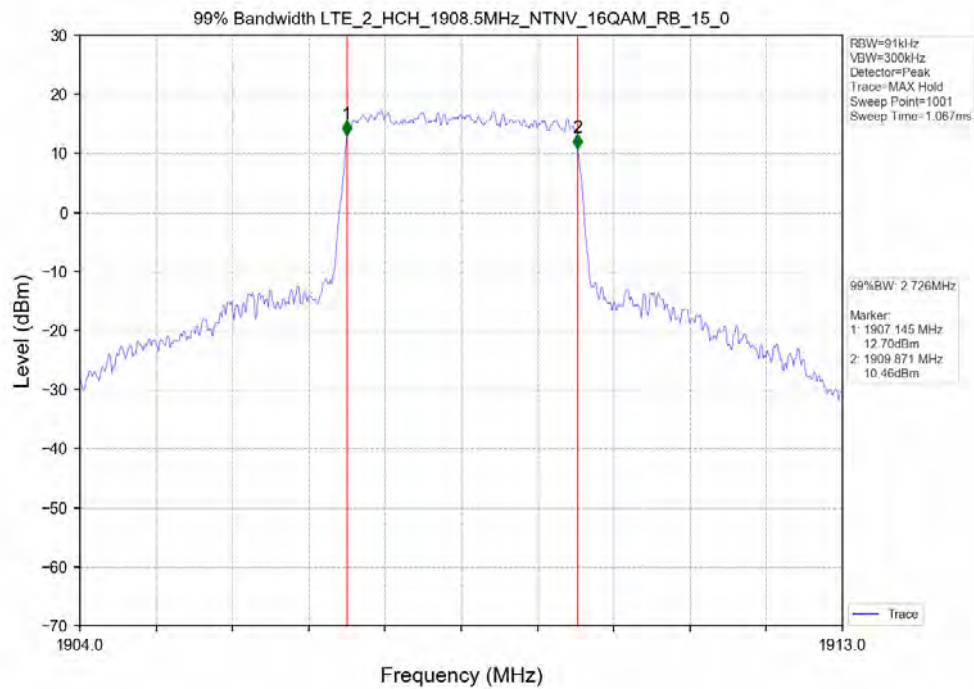


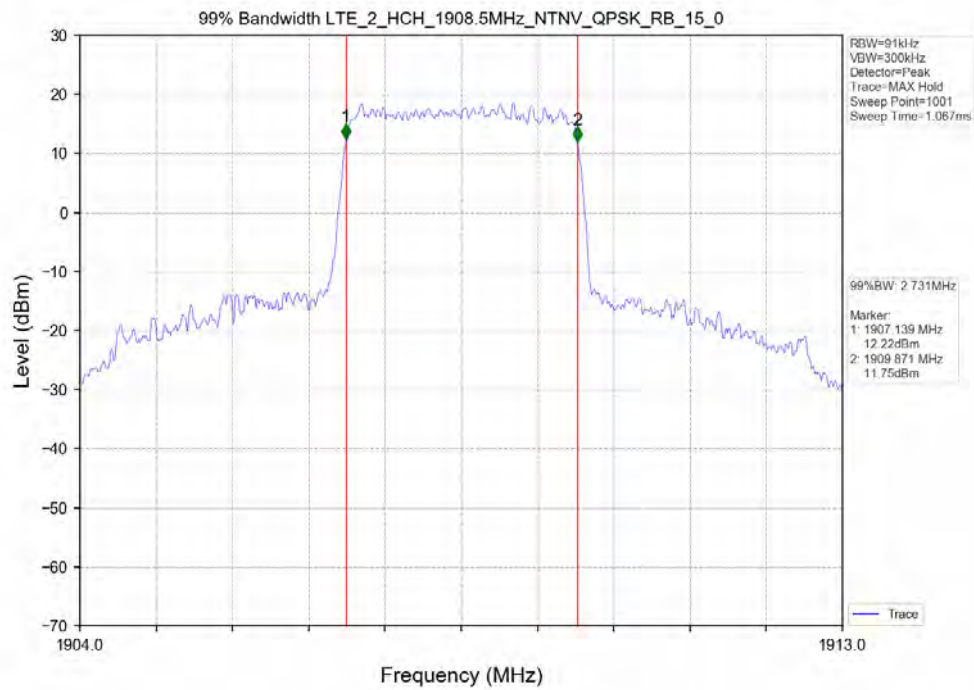
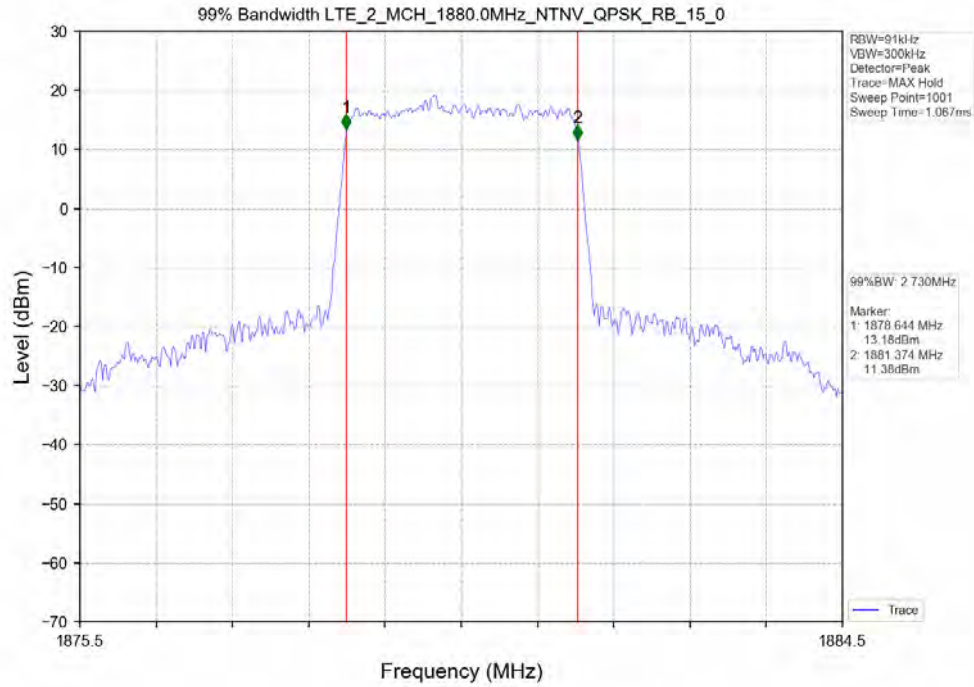


Test Band: 2_3MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.729	2.730	2.731	N/A	PASS
16QAM	15	0	2.724	2.717	2.726	N/A	PASS

4.2 Test Graph

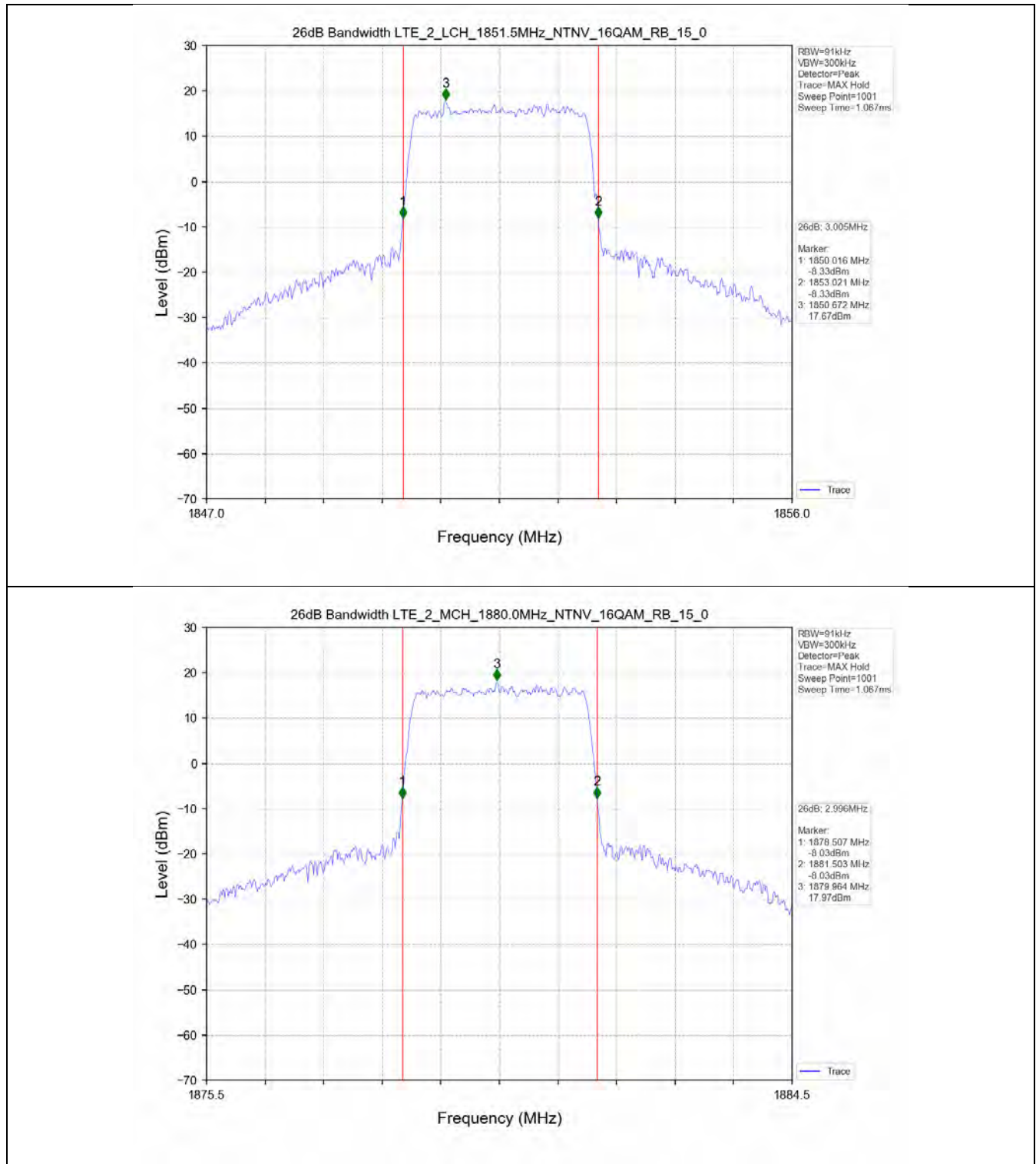


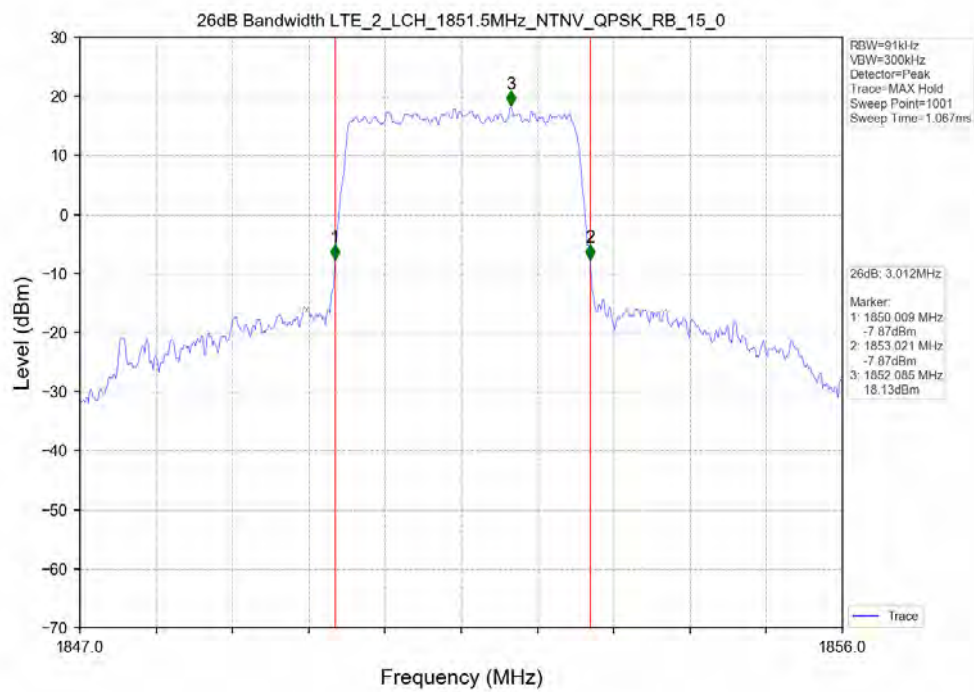
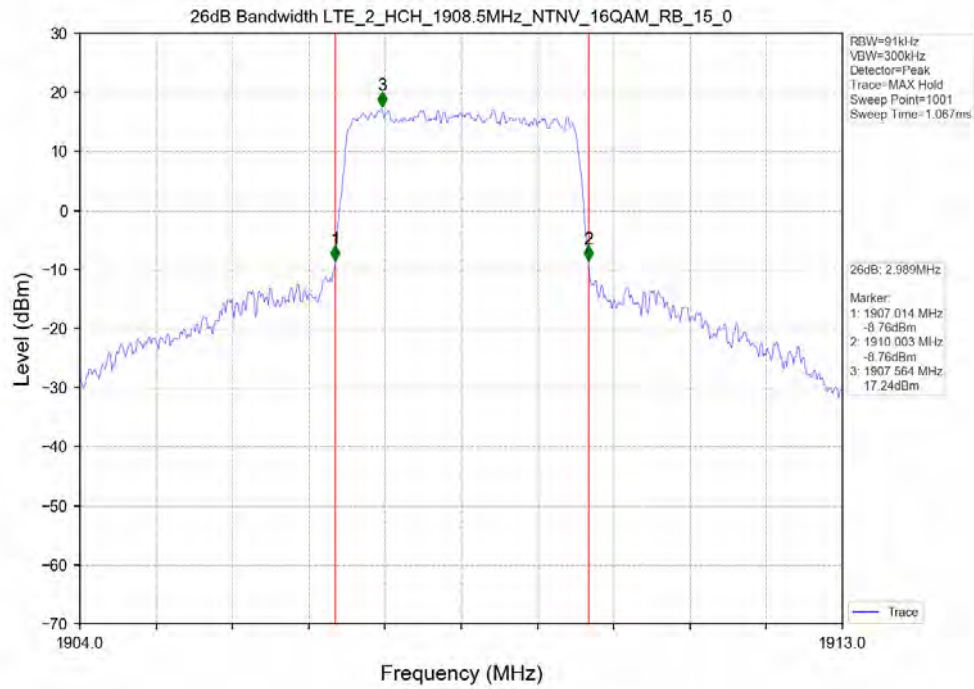


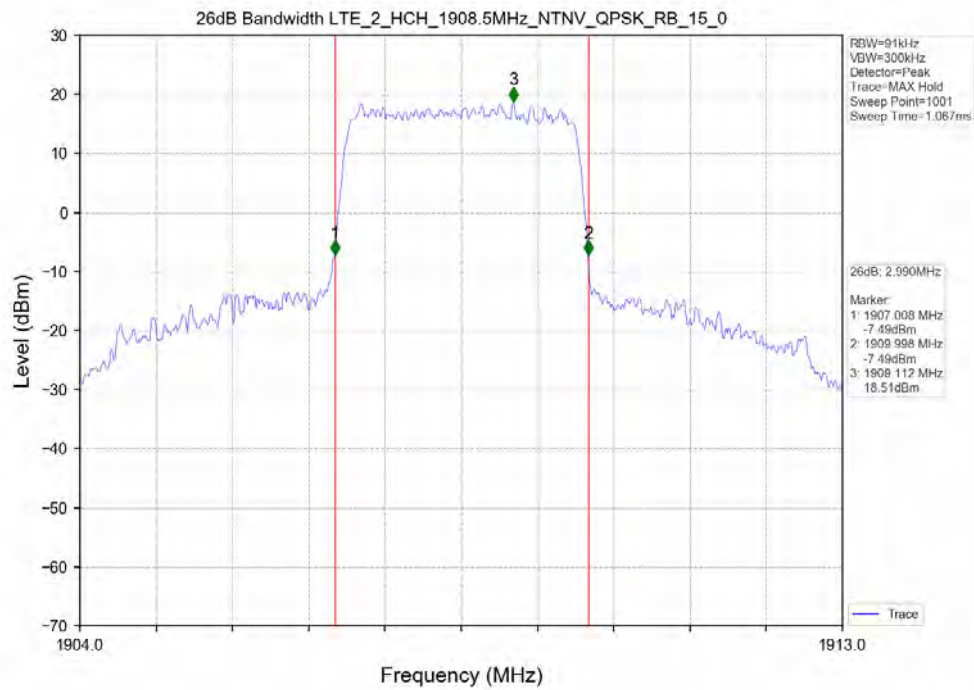
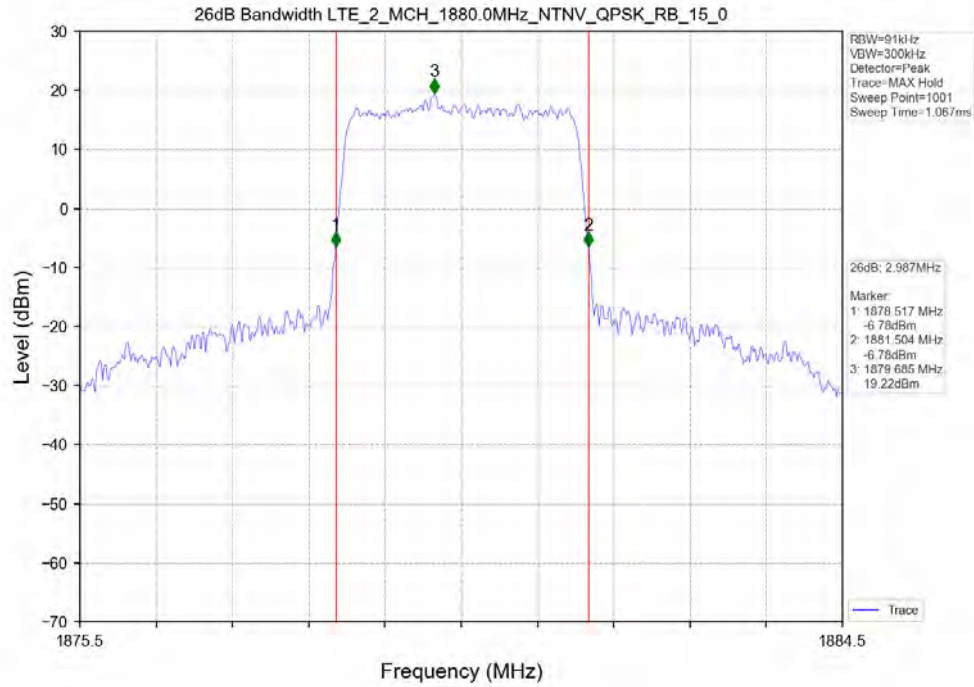


Test Band: 2_3MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	3.012	2.987	2.990	N/A	PASS
16QAM	15	0	3.005	2.996	2.989	N/A	PASS

4.2 Test Graph

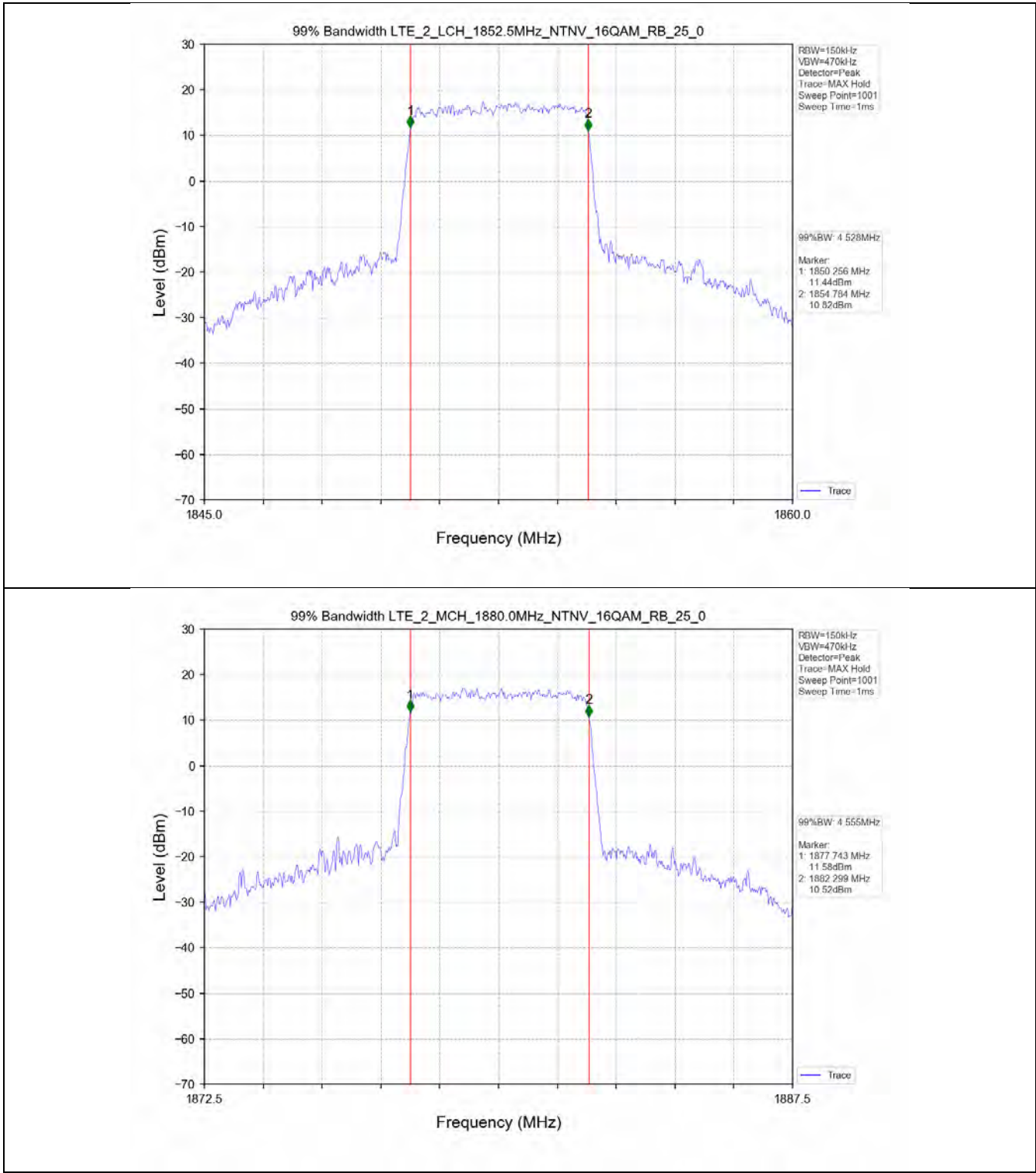


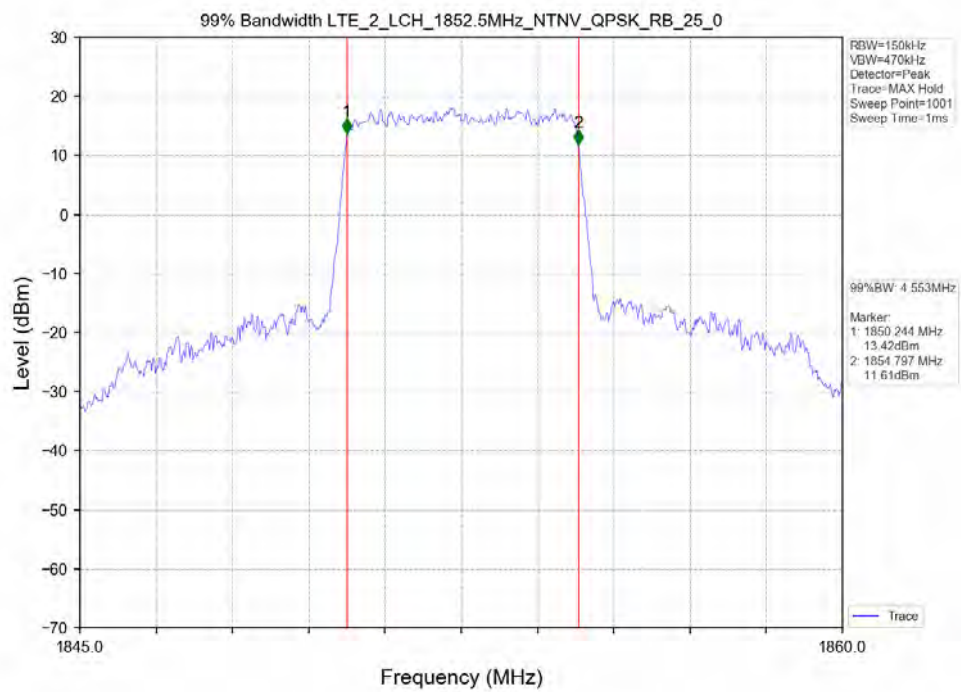
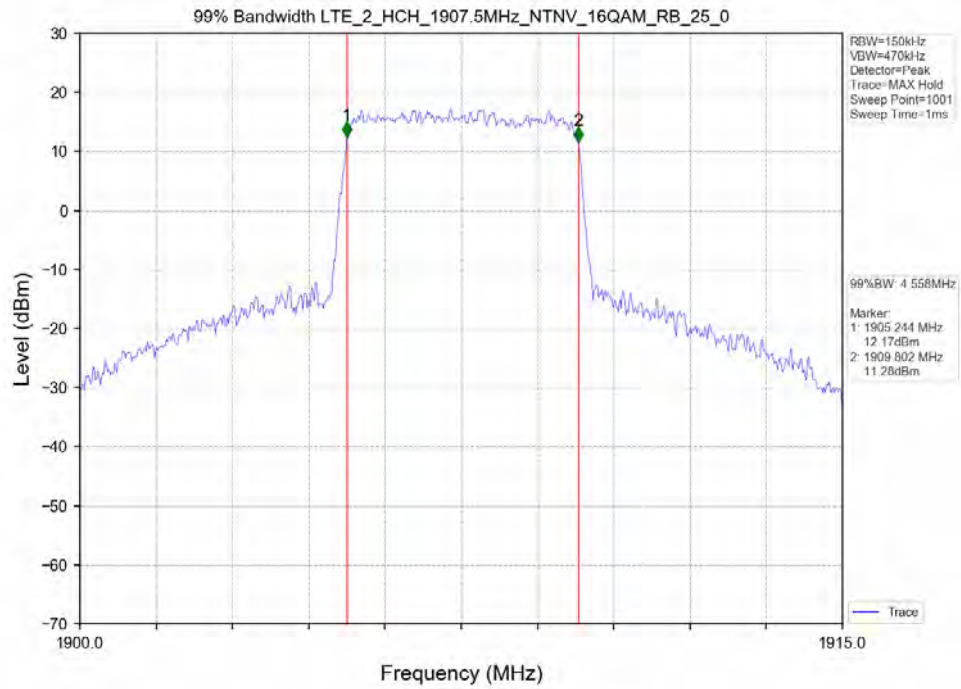


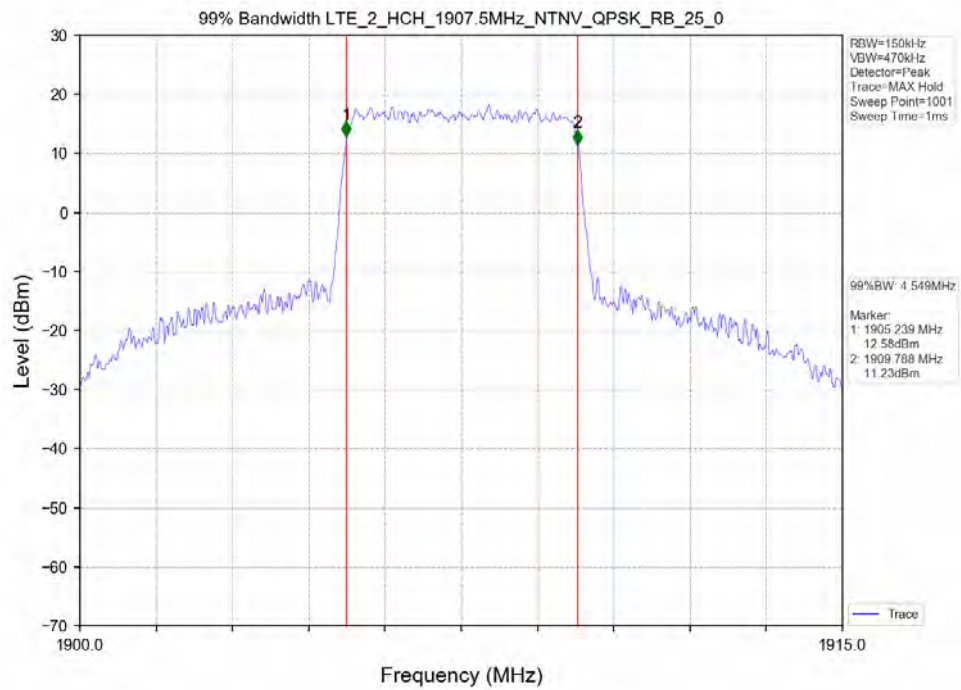
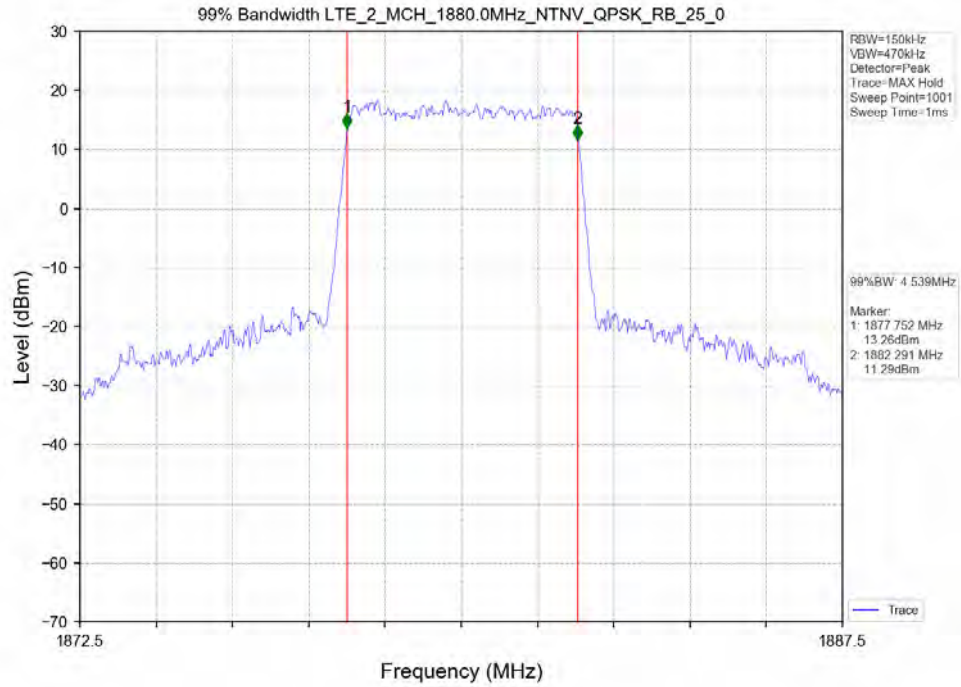


Test Band: 2_5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.553	4.539	4.549	N/A	PASS
16QAM	25	0	4.528	4.555	4.558	N/A	PASS

4.2 Test Graph

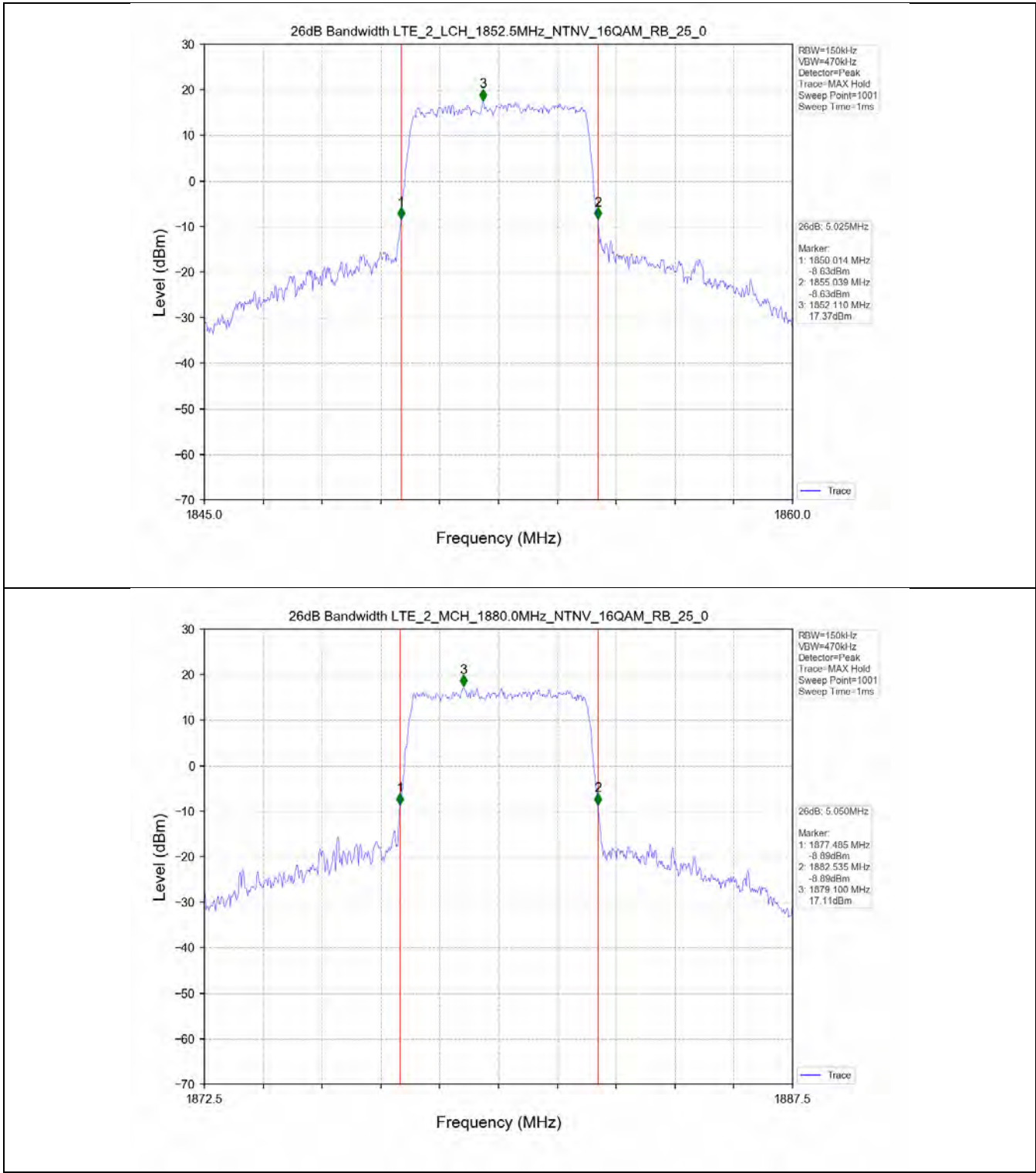


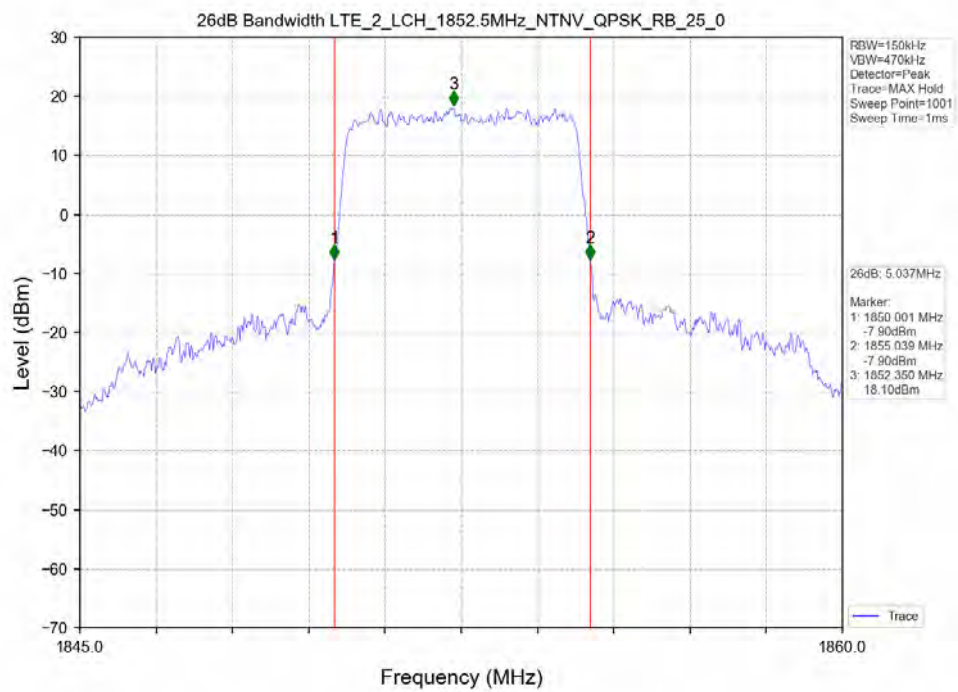
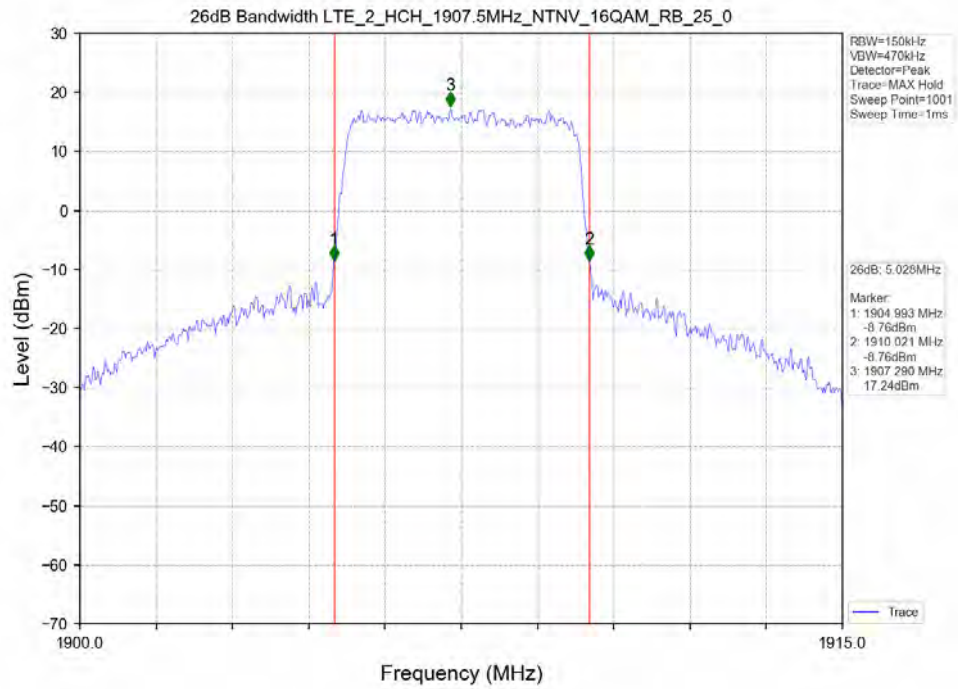


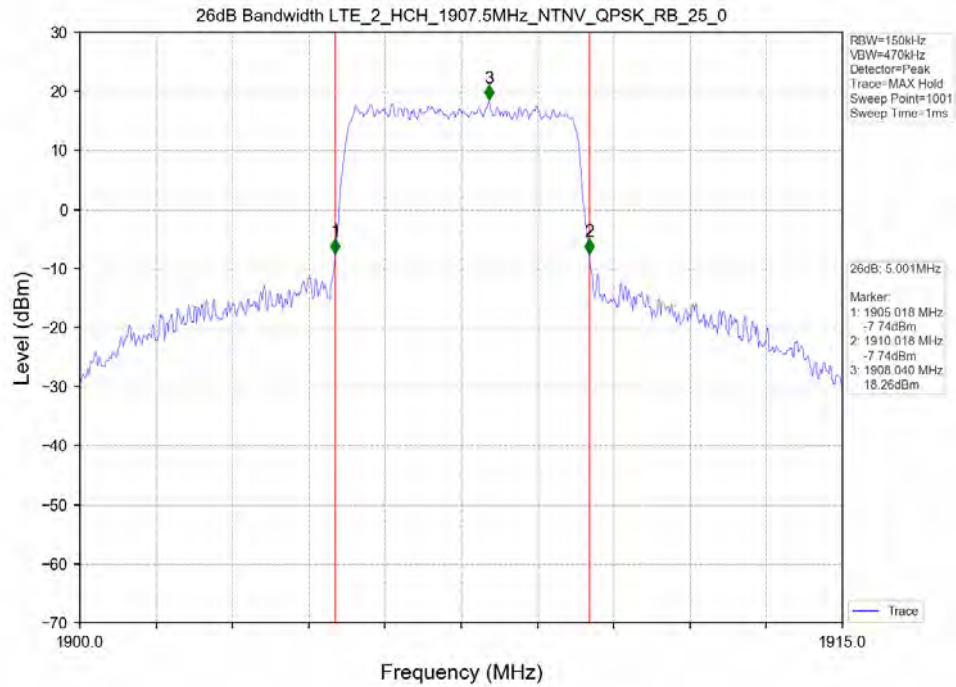
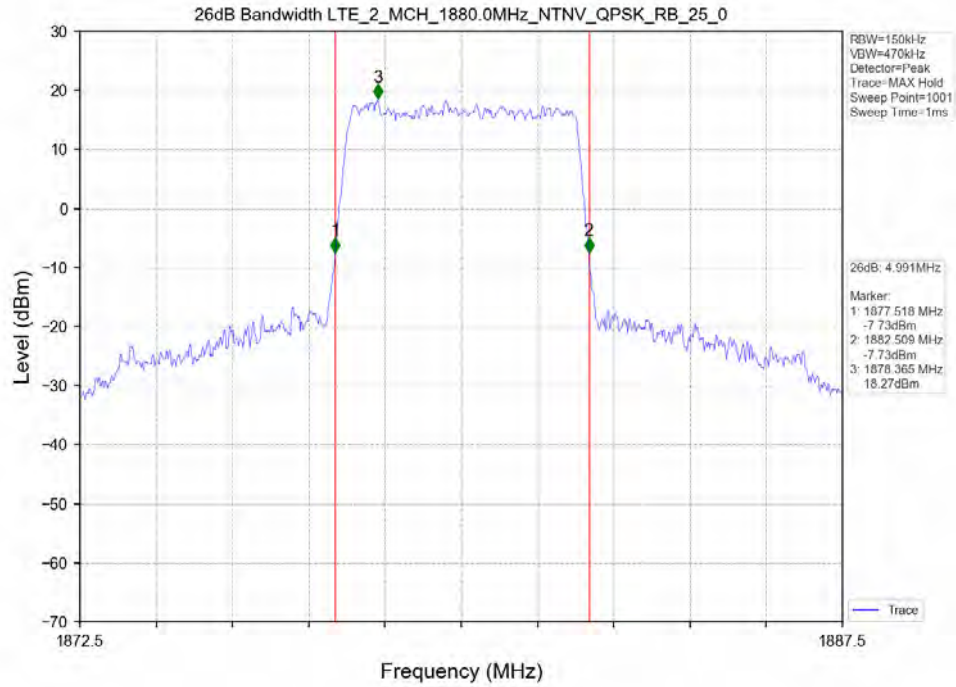


Test Band: 2_5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.037	4.991	5.001	N/A	PASS
16QAM	25	0	5.025	5.050	5.028	N/A	PASS

4.2 Test Graph



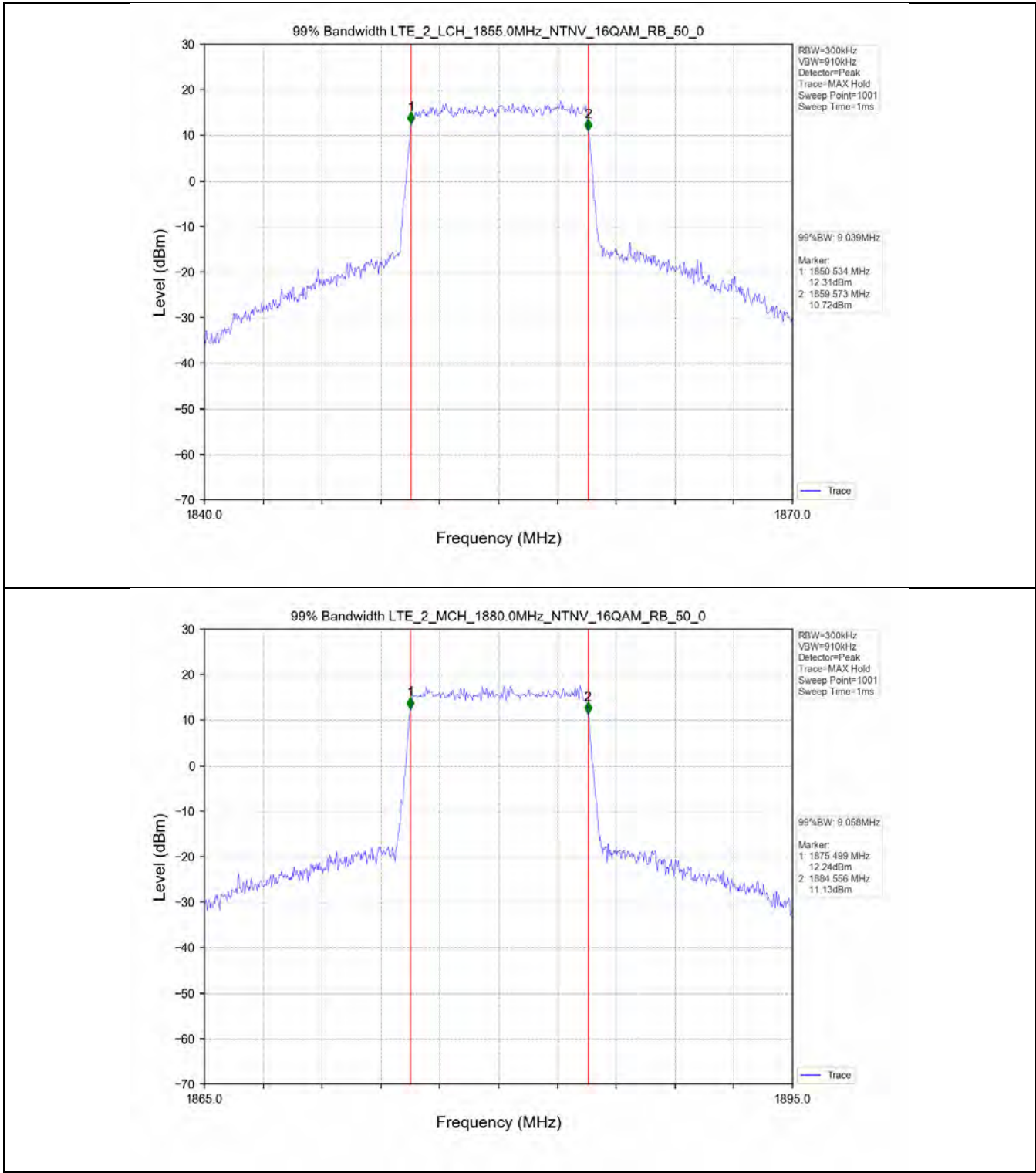


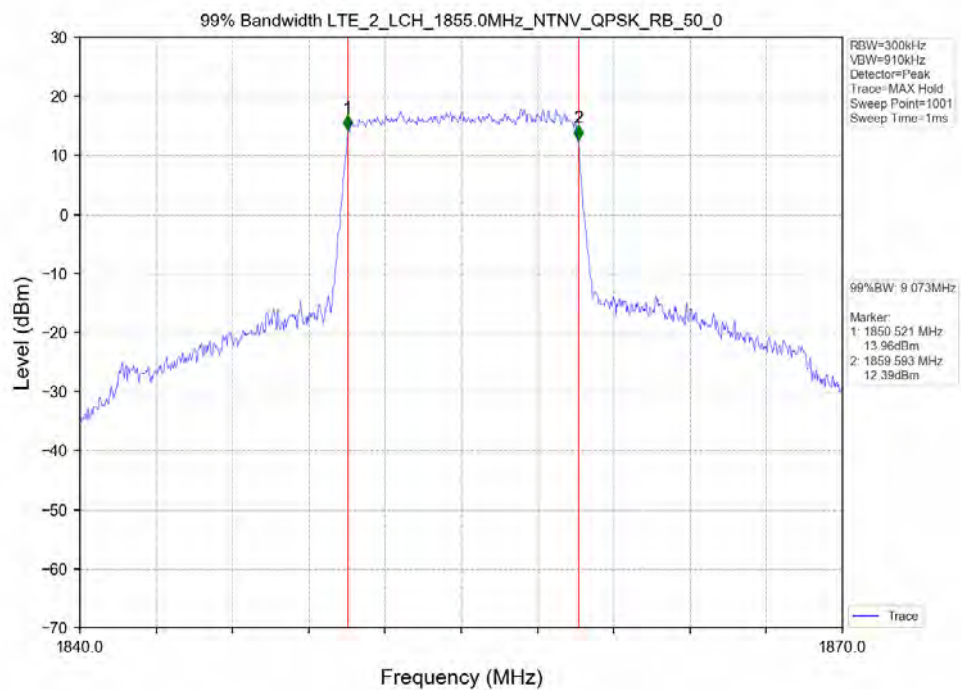
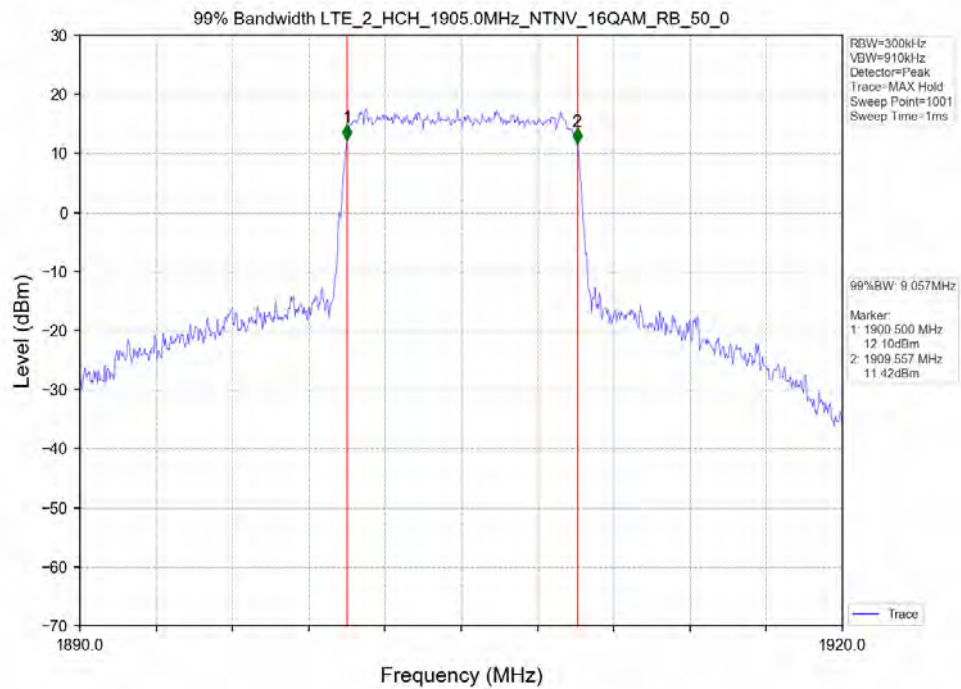


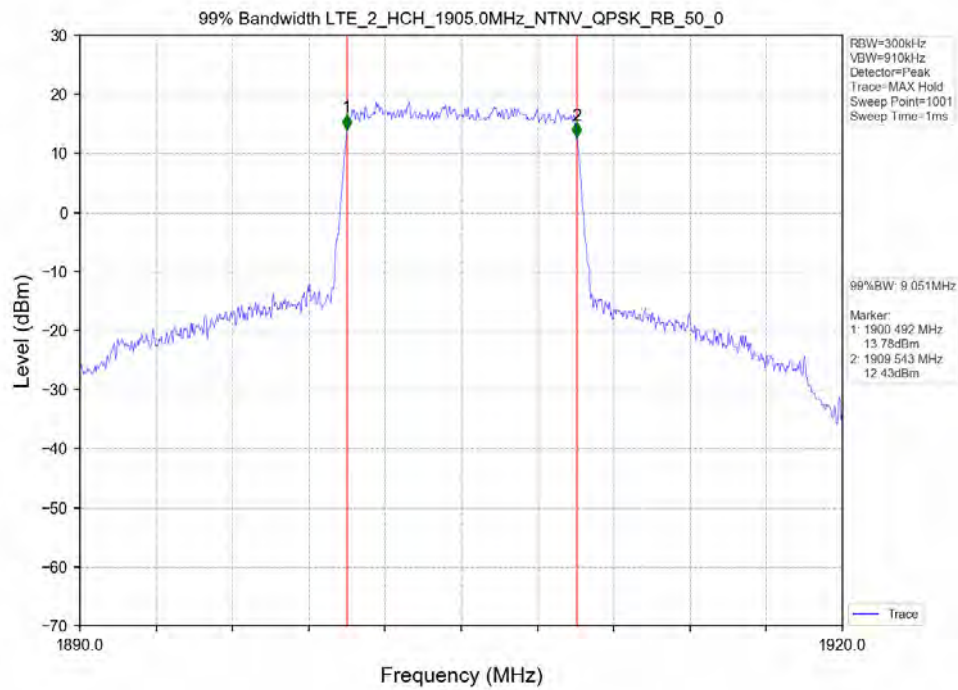
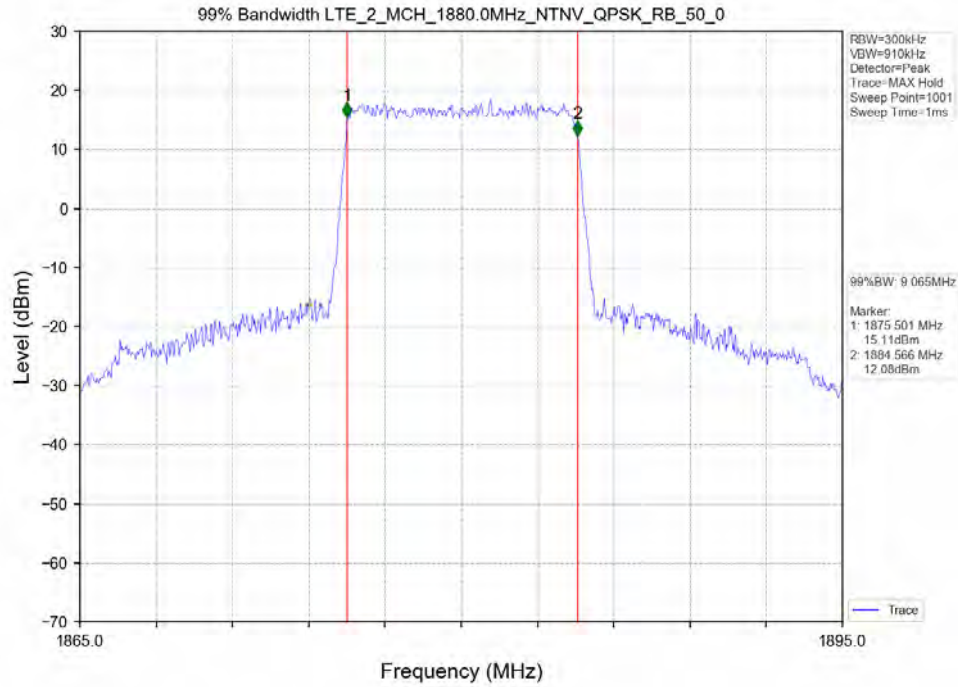
Test Band: 2_10MHz Bandwidth

Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.073	9.065	9.051	N/A	PASS
16QAM	50	0	9.039	9.058	9.057	N/A	PASS

4.2 Test Graph

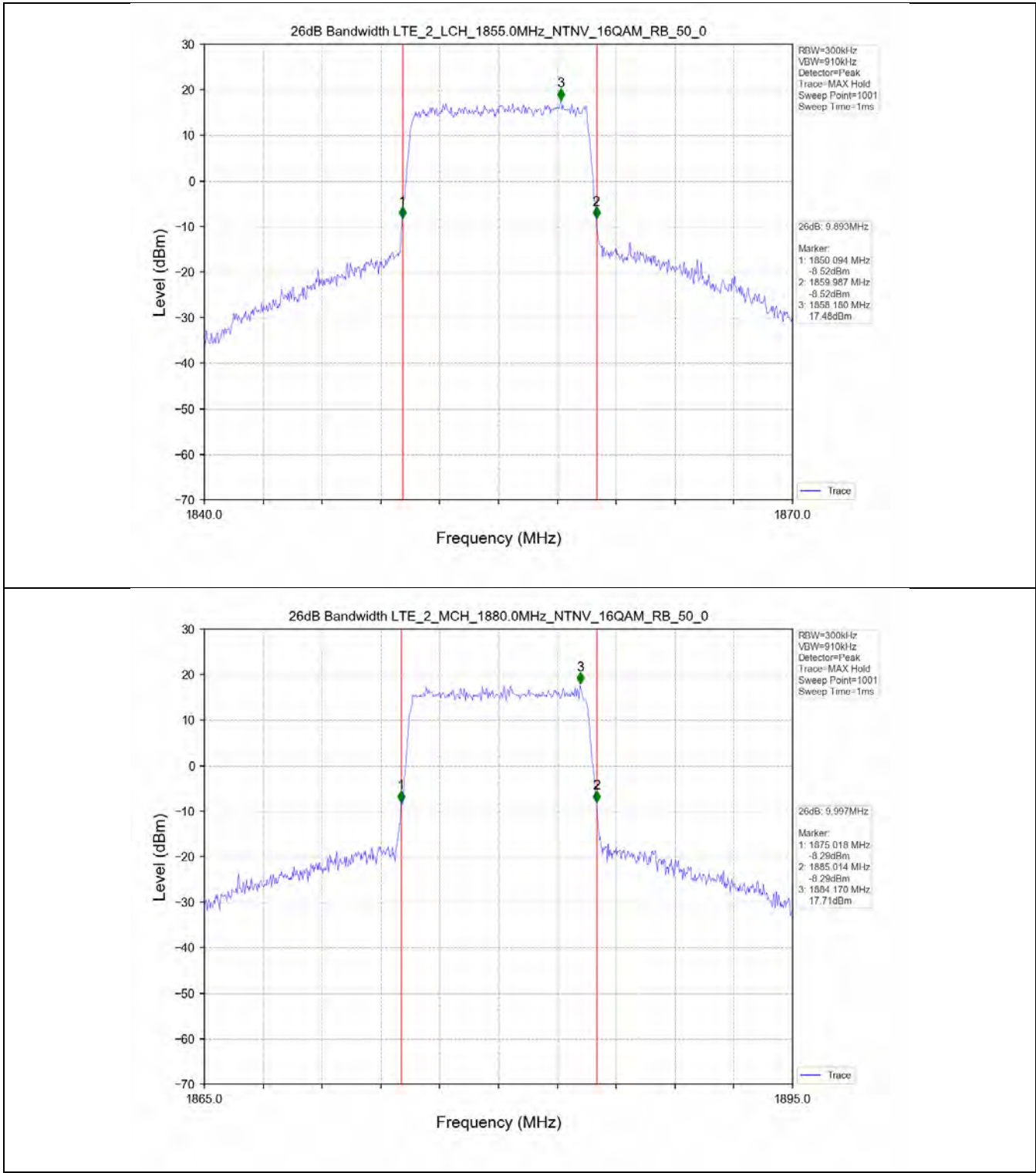


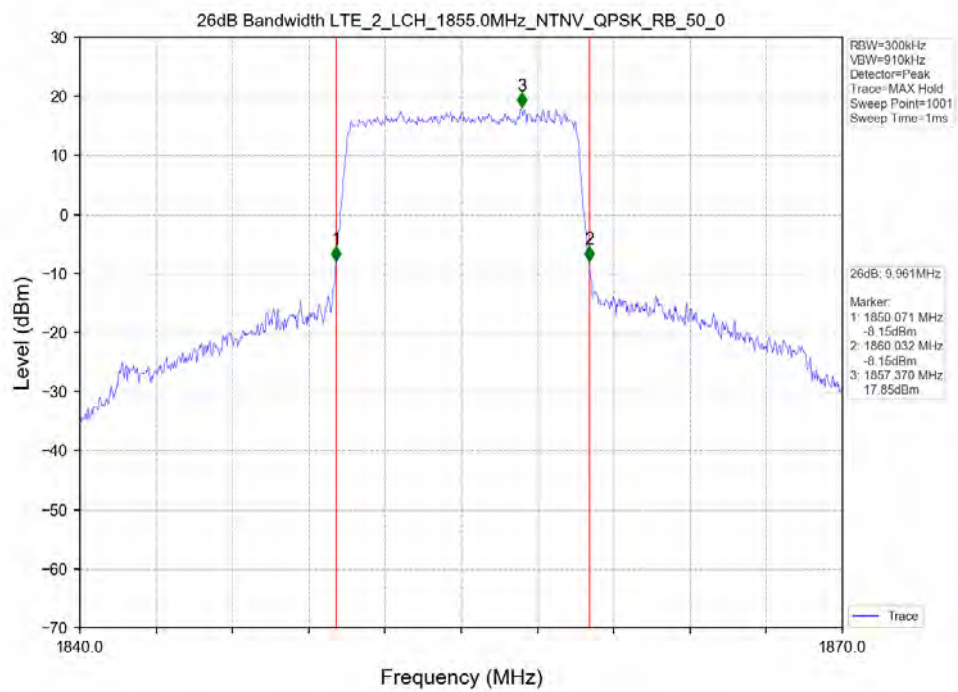
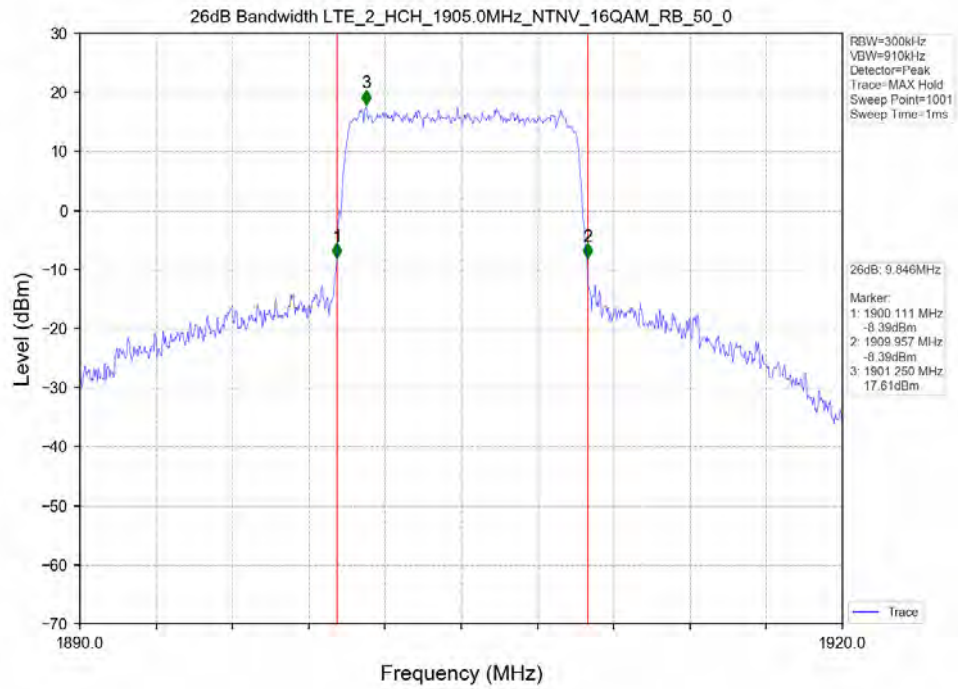


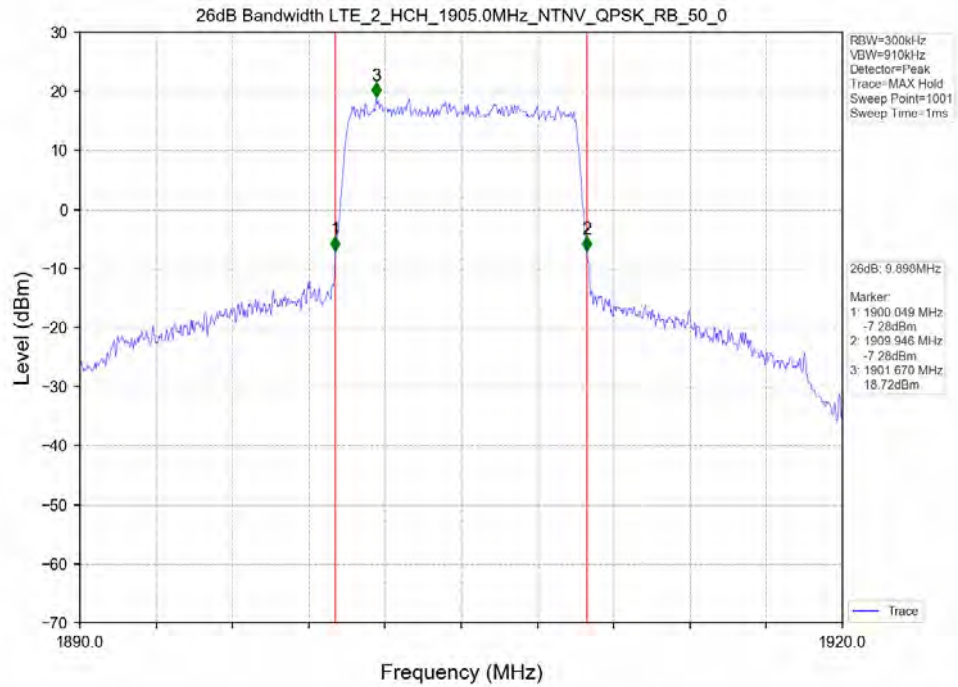
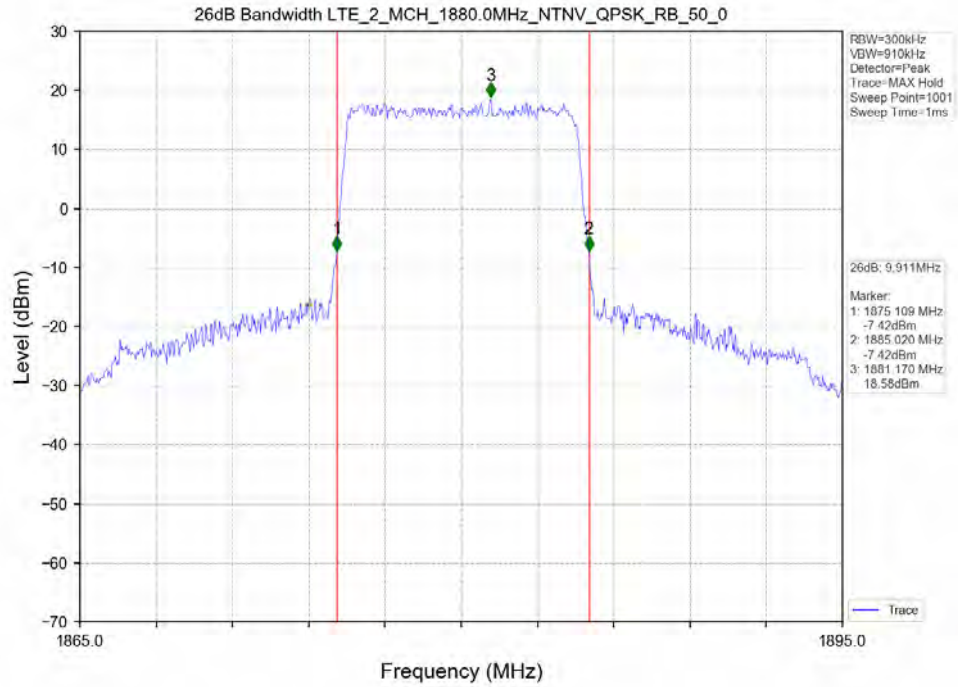


Test Band: 2_10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.961	9.911	9.898	N/A	PASS
16QAM	50	0	9.893	9.997	9.846	N/A	PASS

4.2 Test Graph



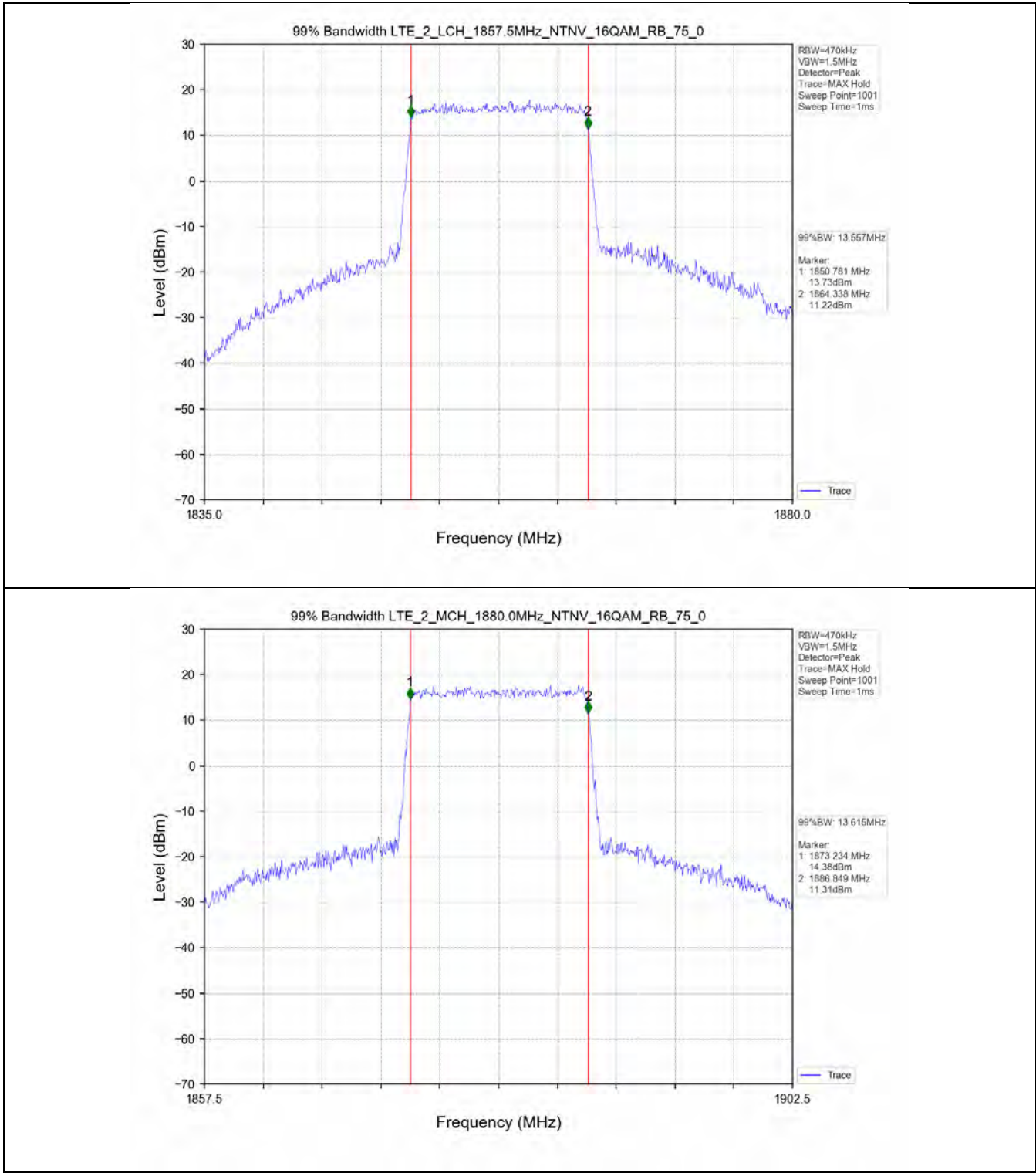


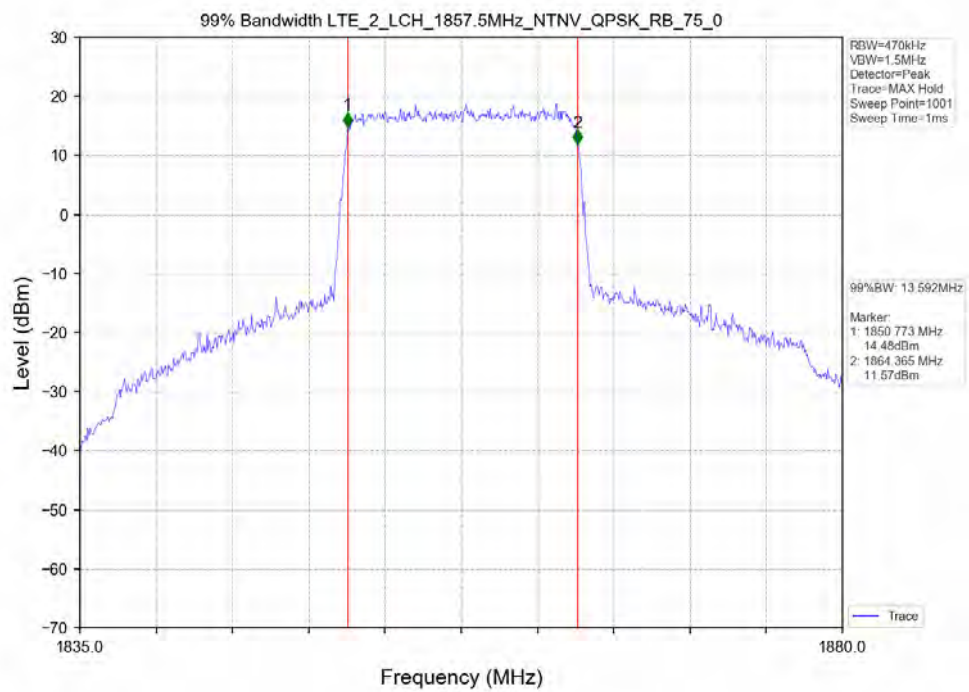
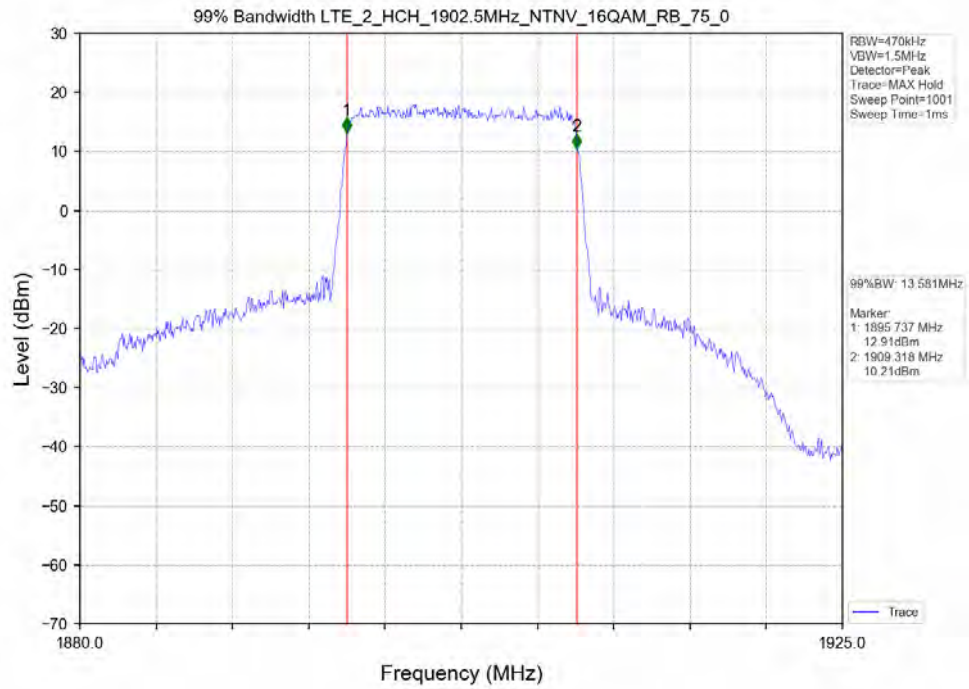


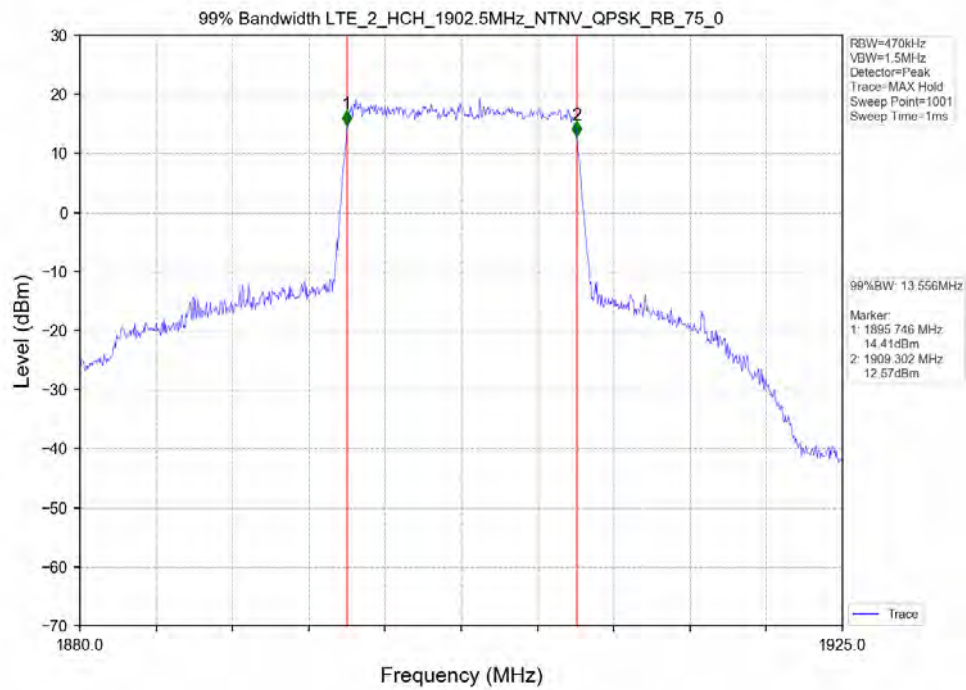
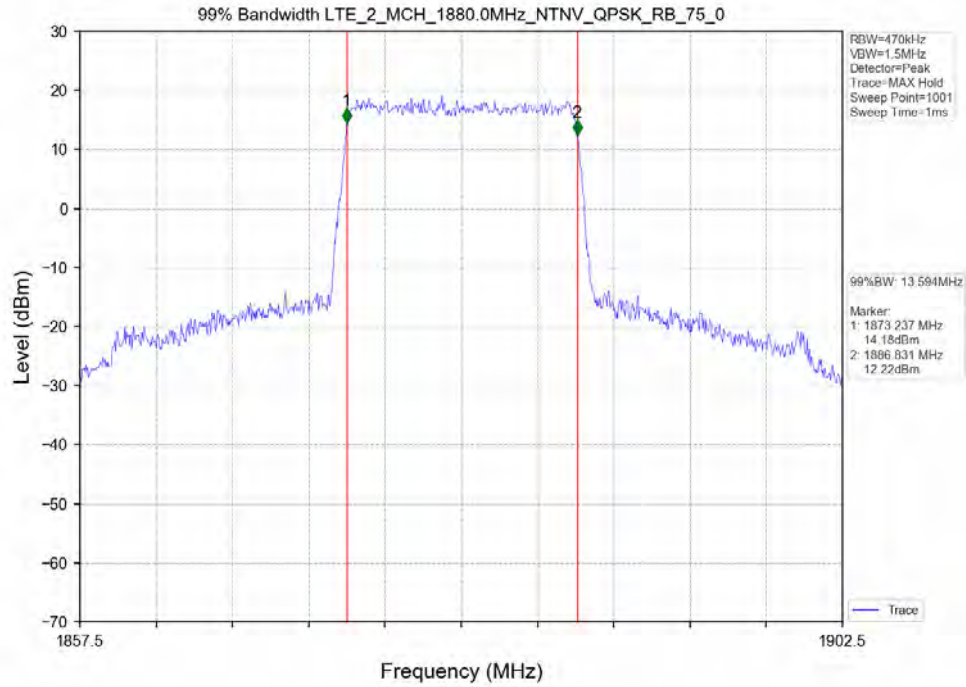
Test Band: 2_15MHz Bandwidth

Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	13.592	13.594	13.556	N/A	PASS
16QAM	75	0	13.557	13.615	13.581	N/A	PASS

4.2 Test Graph

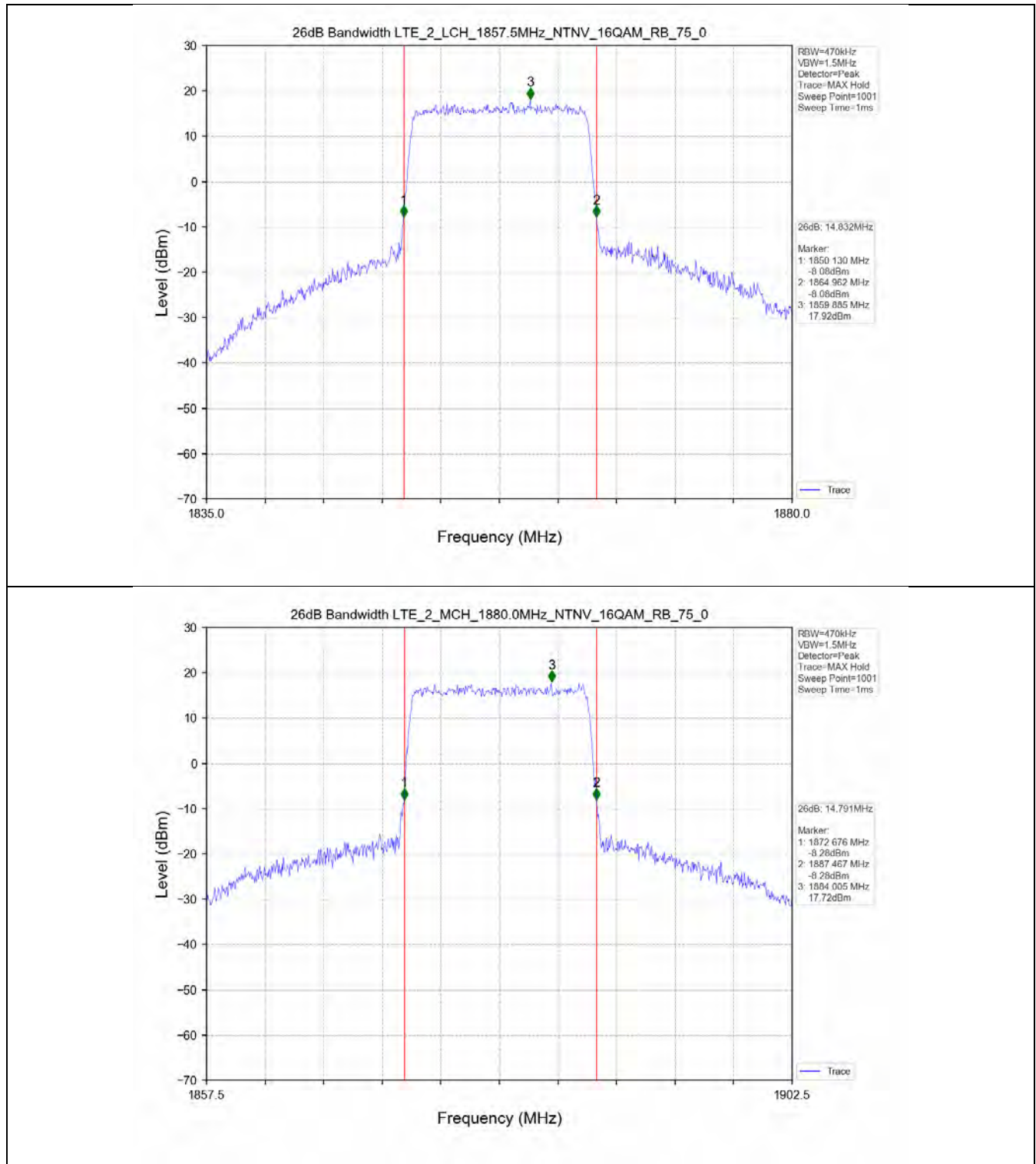


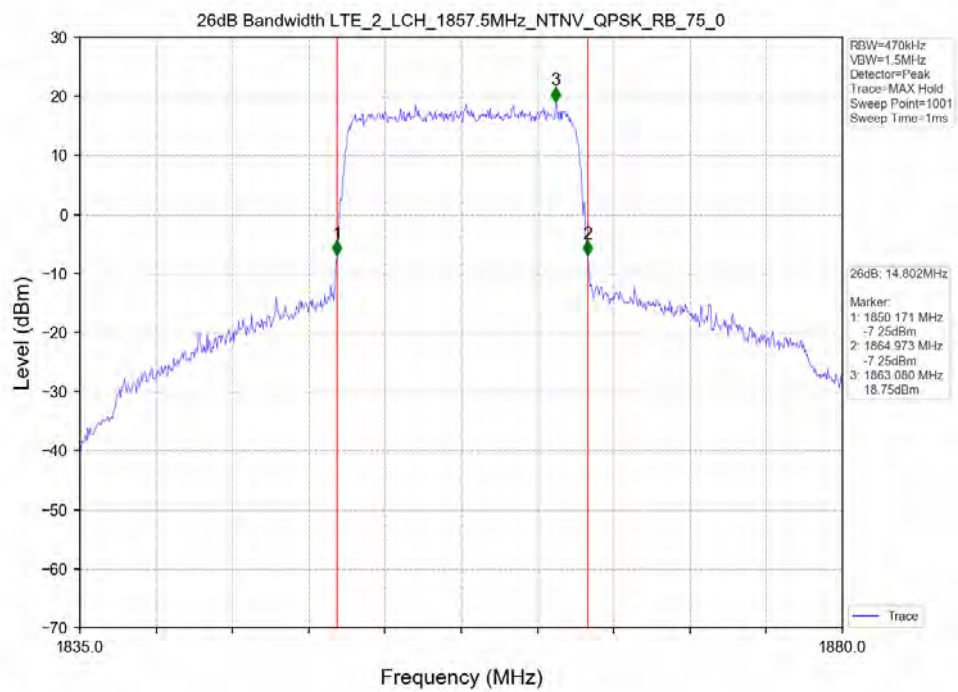
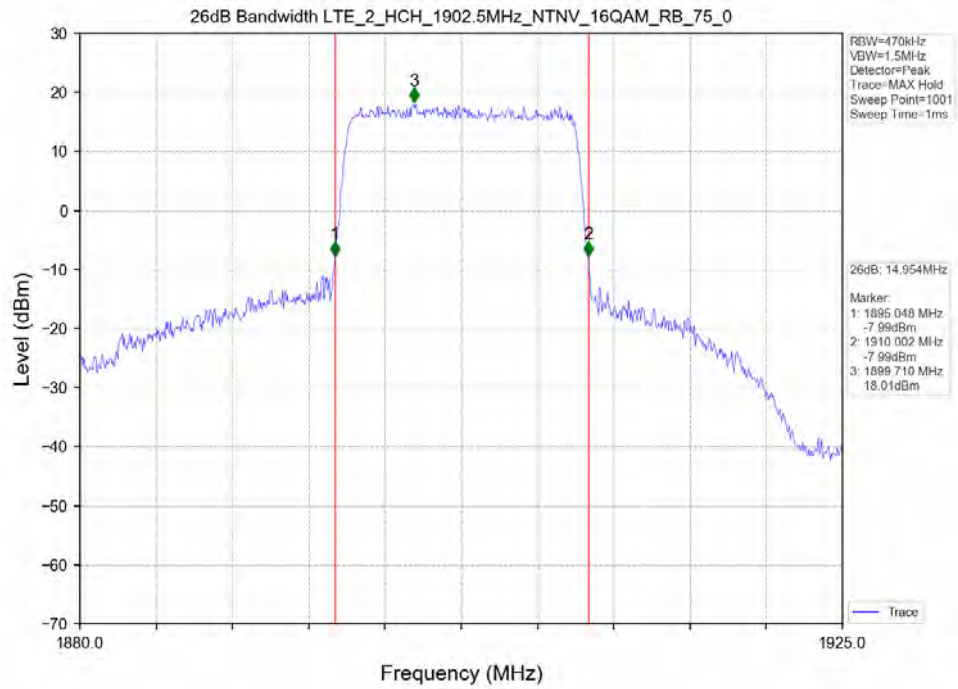


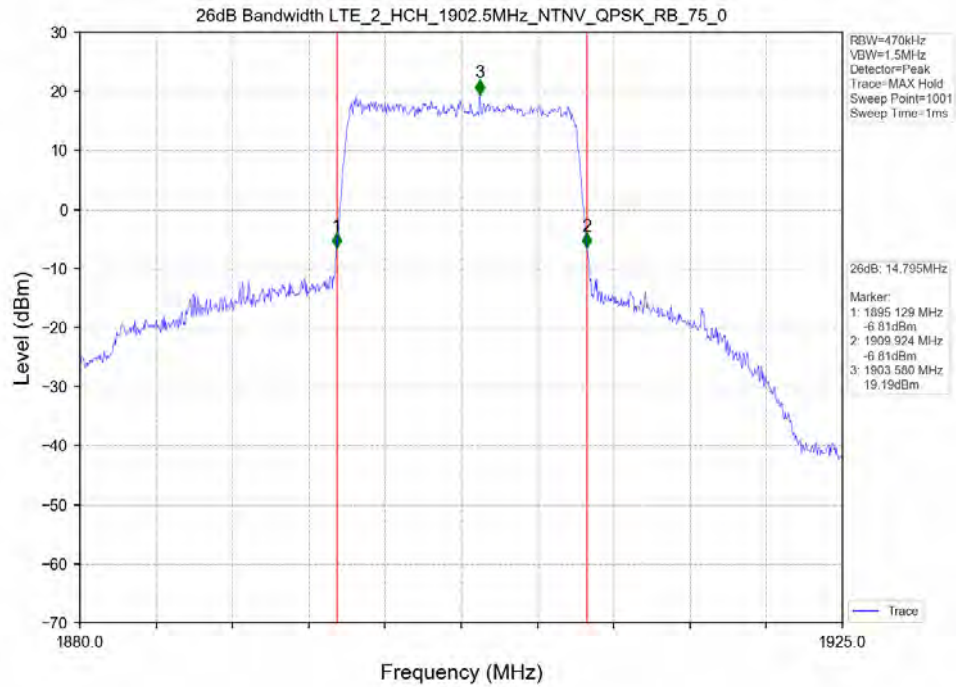
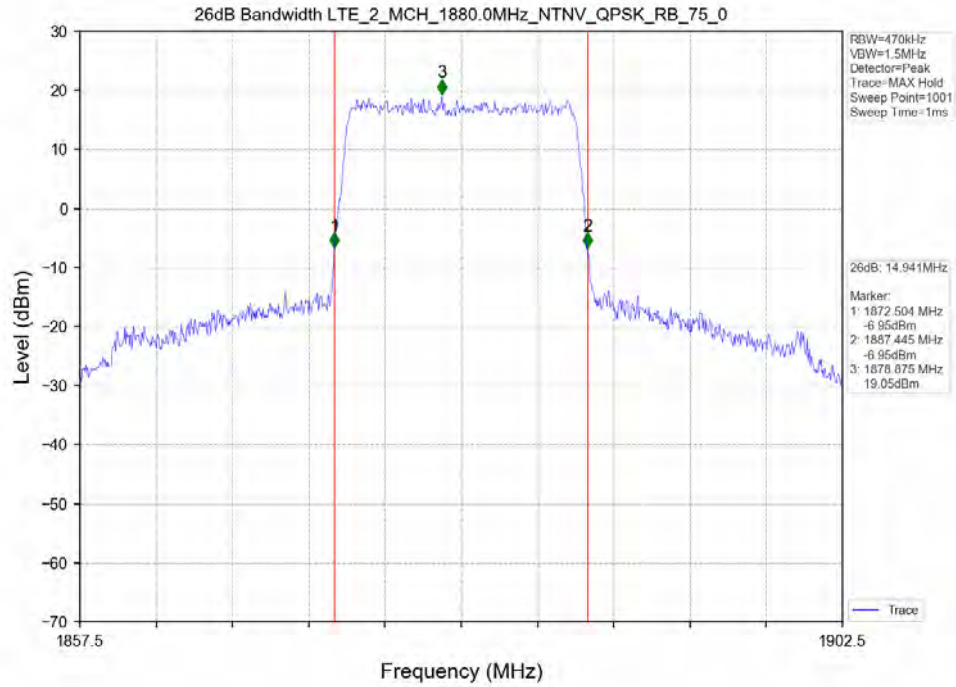


Test Band: 2_15MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	14.802	14.941	14.795	N/A	PASS
16QAM	75	0	14.832	14.791	14.954	N/A	PASS

4.2 Test Graph



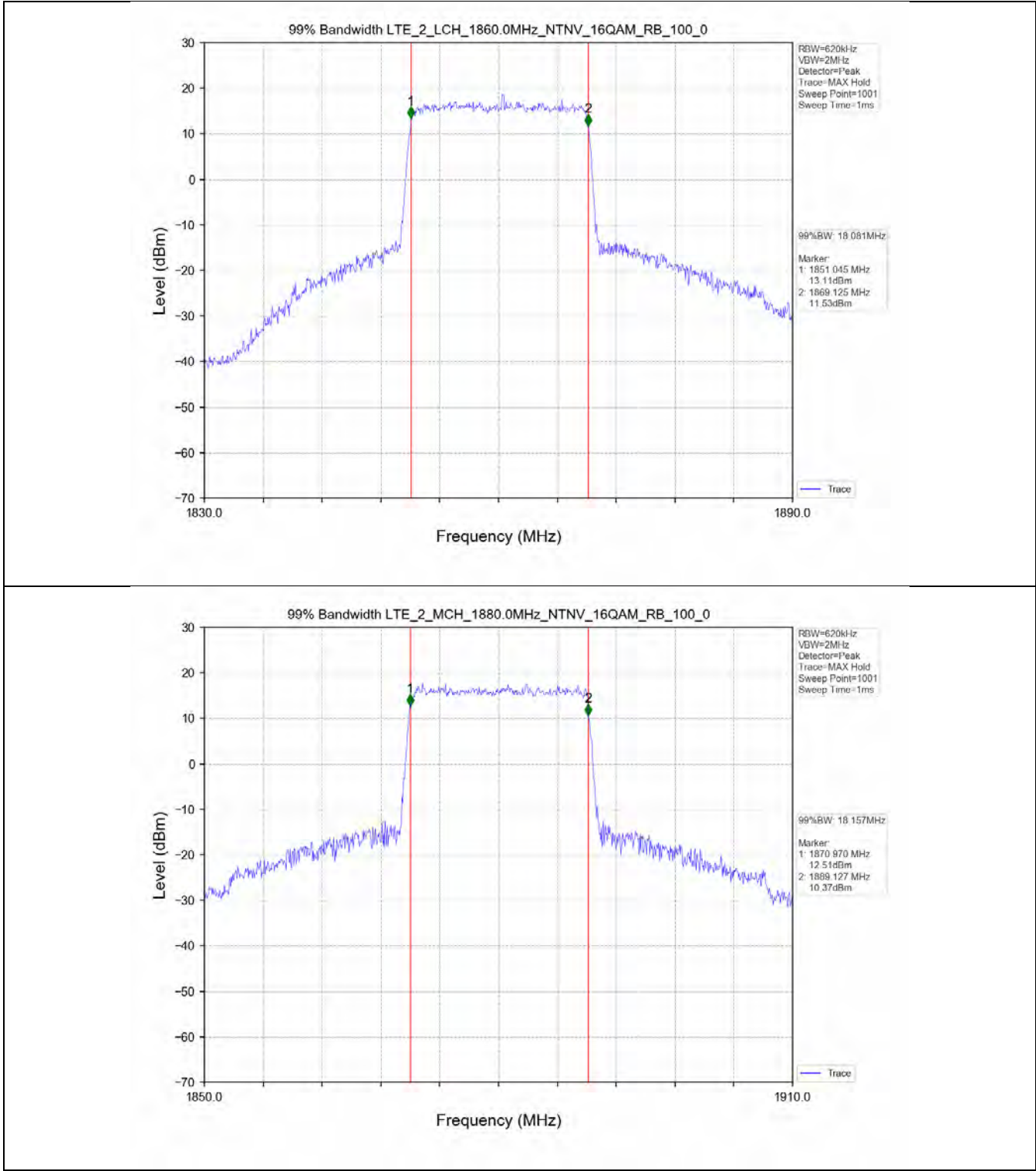


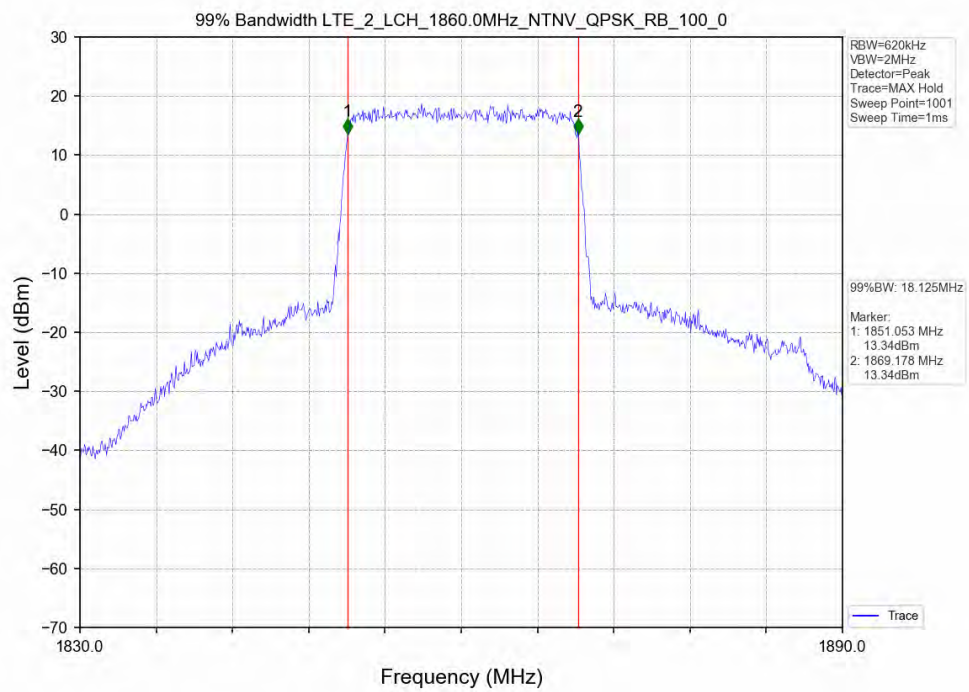
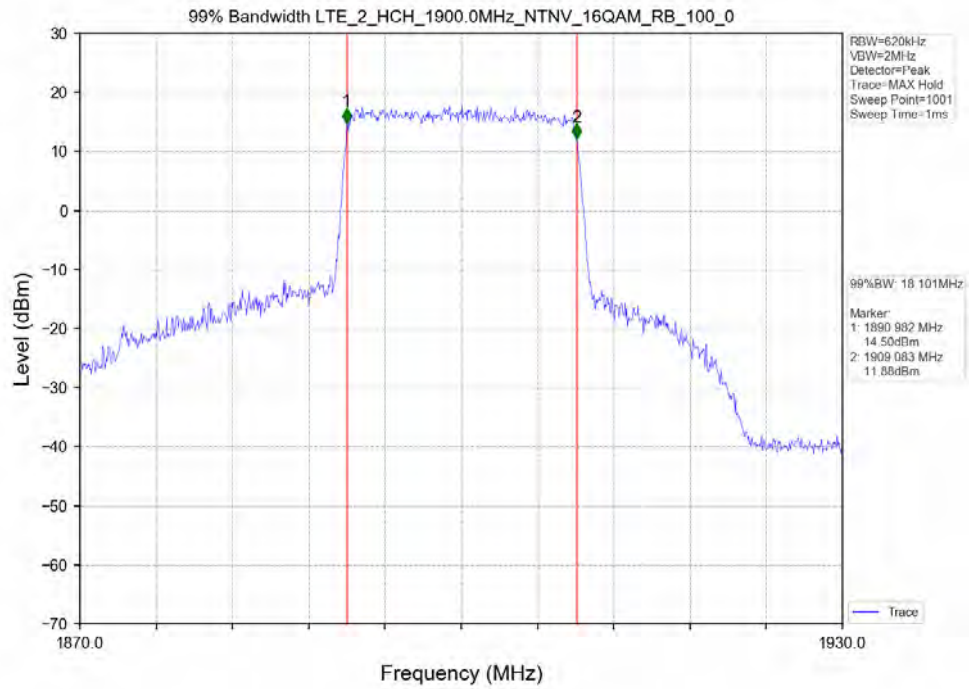


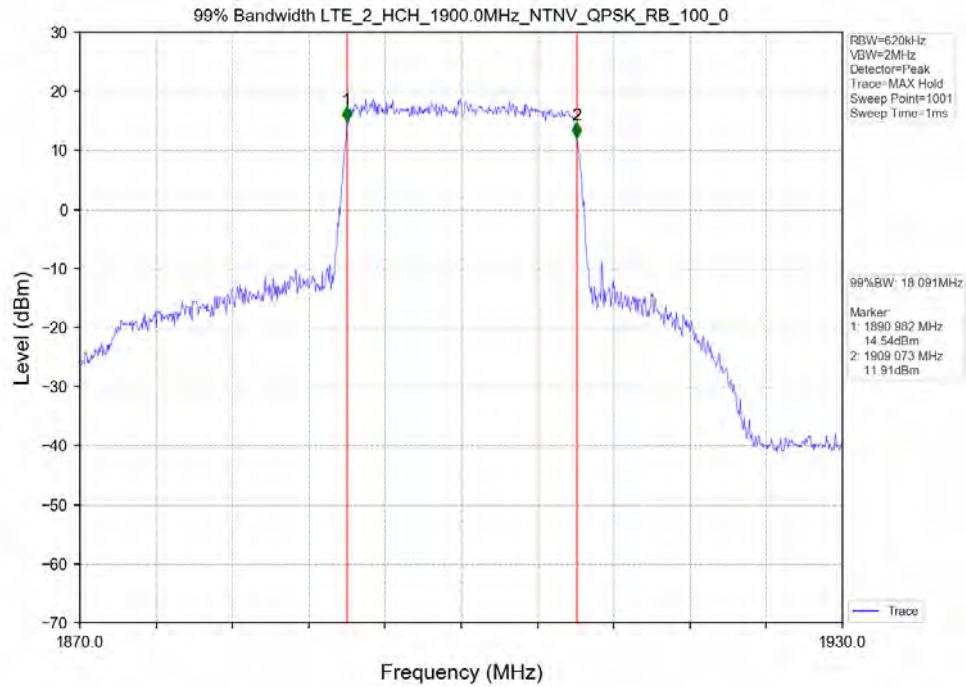
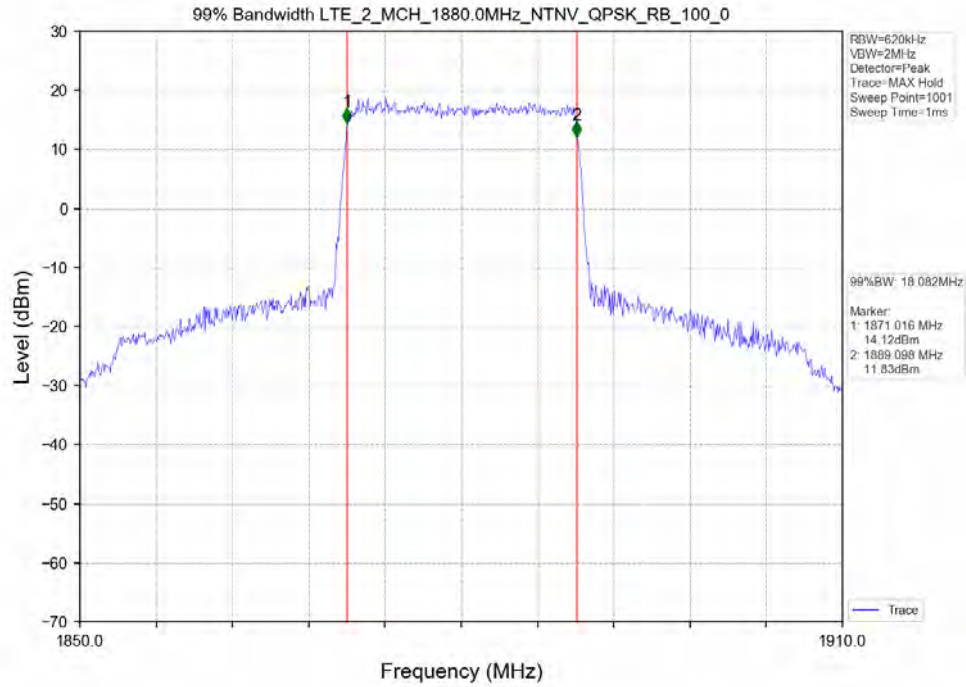
Test Band: 2_20MHz Bandwidth

Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	18.125	18.082	18.091	N/A	PASS
16QAM	100	0	18.081	18.157	18.101	N/A	PASS

4.2 Test Graph

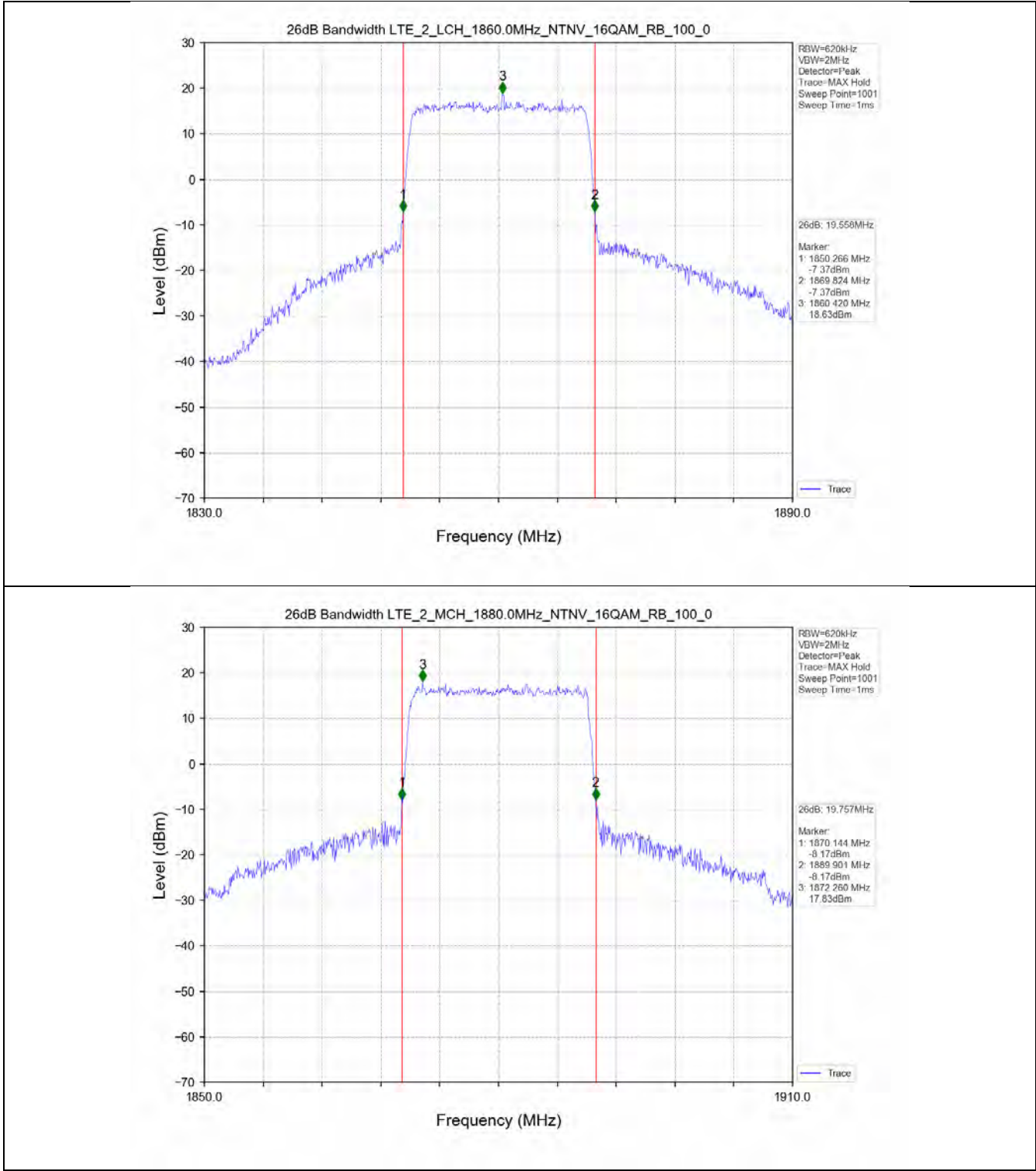


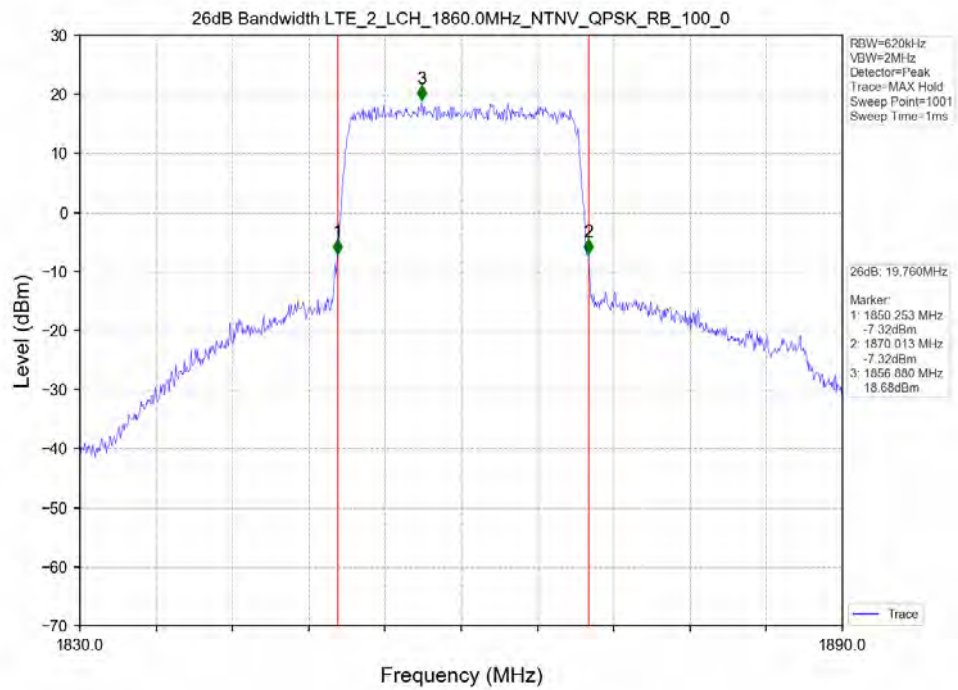
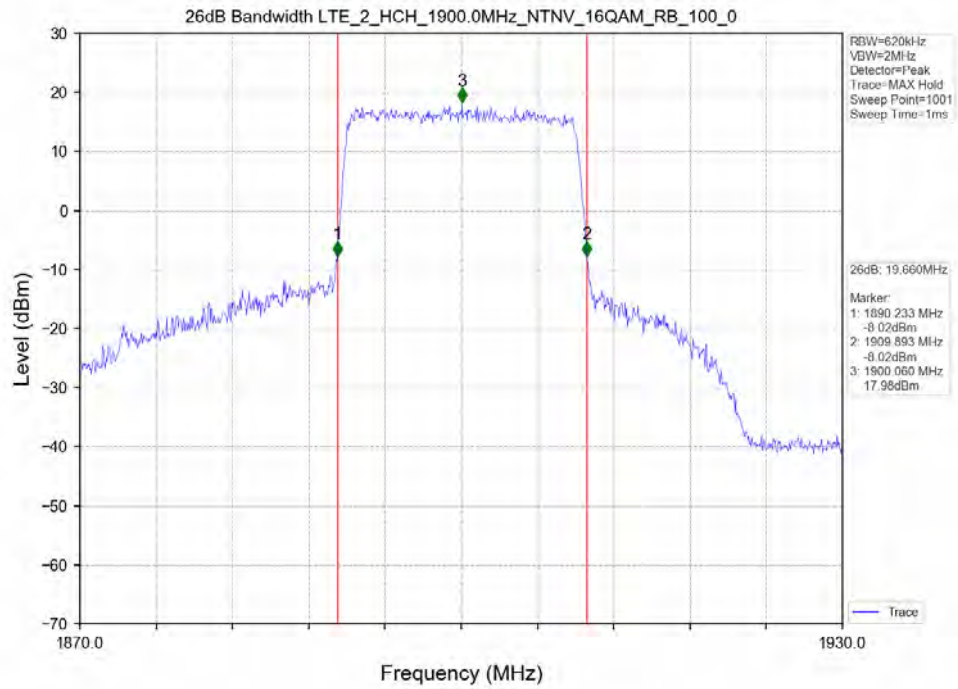


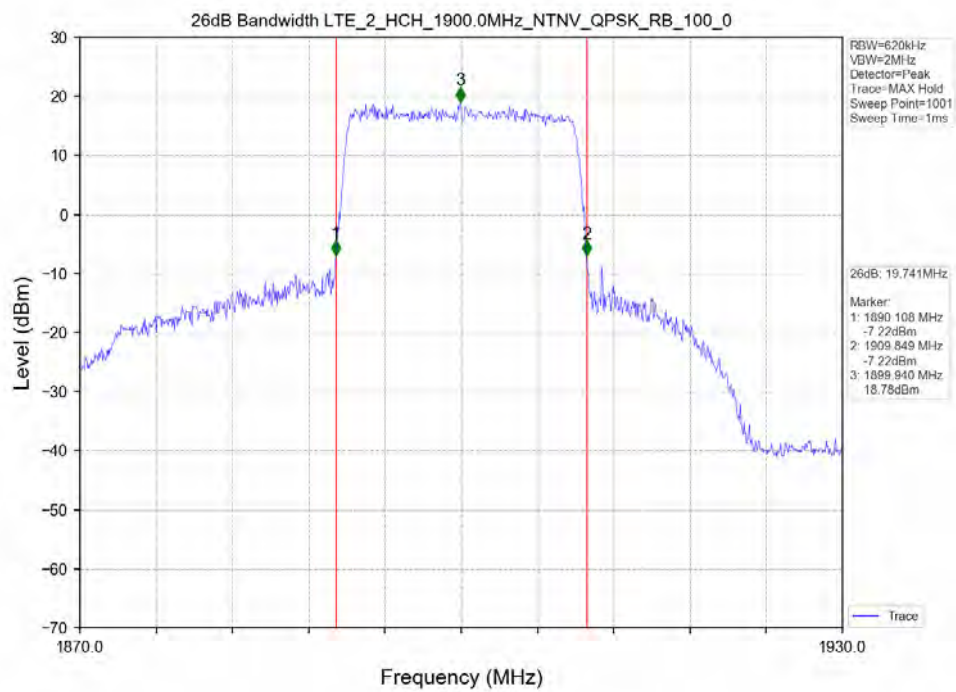
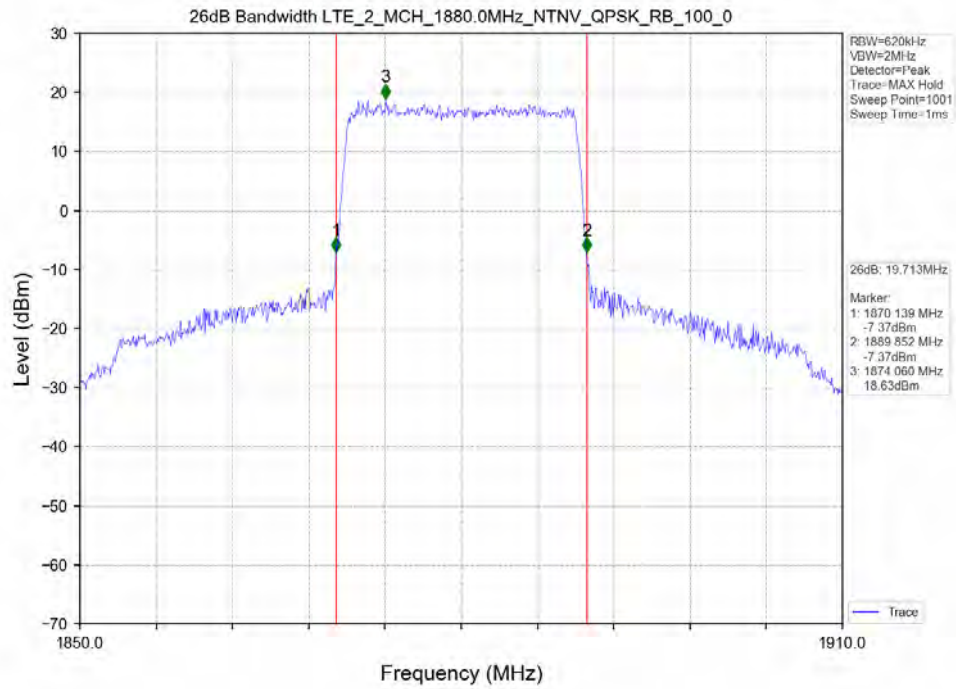


Test Band: 2_20MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	19.760	19.713	19.741	N/A	PASS
16QAM	100	0	19.558	19.757	19.660	N/A	PASS

4.2 Test Graph



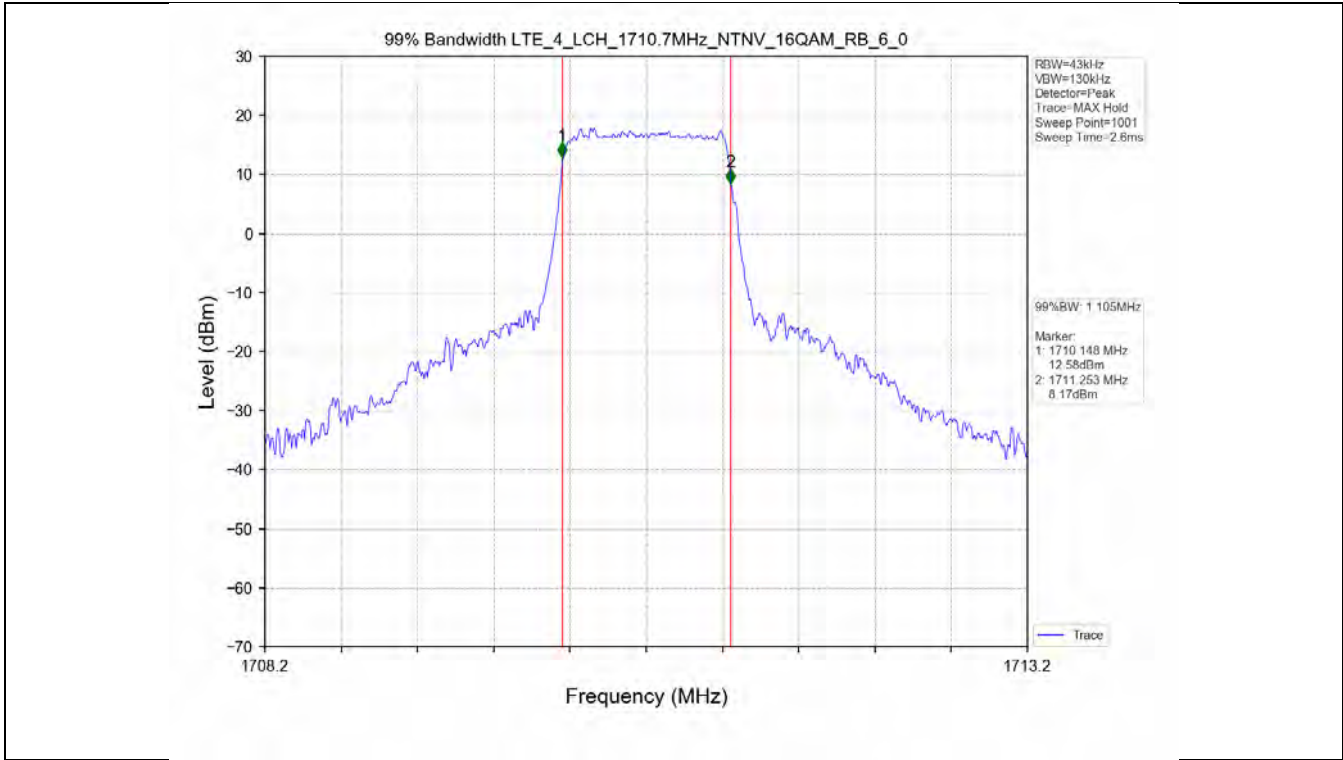


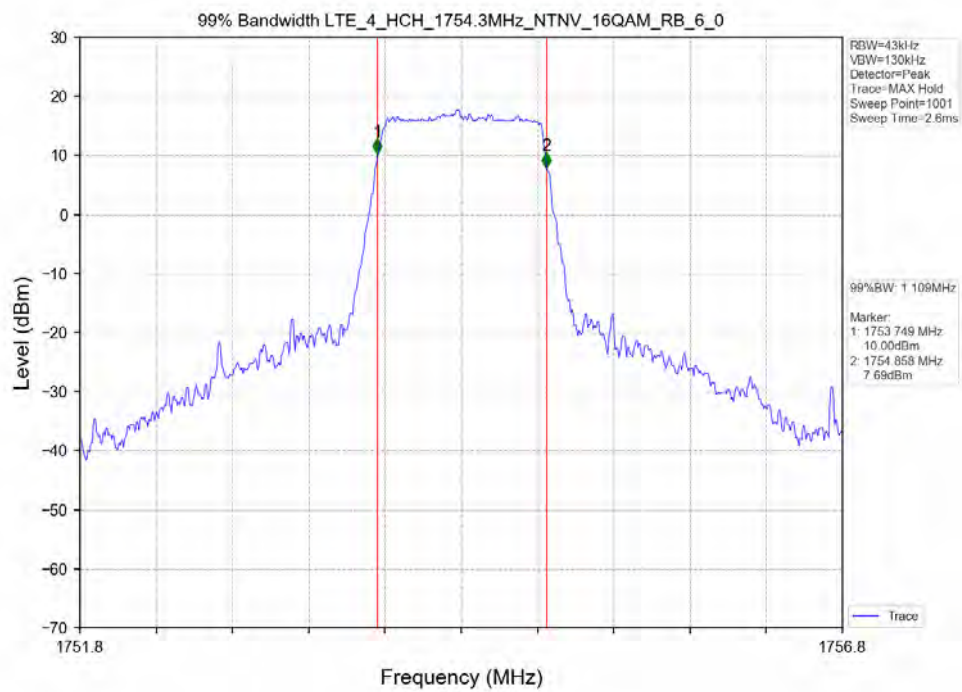
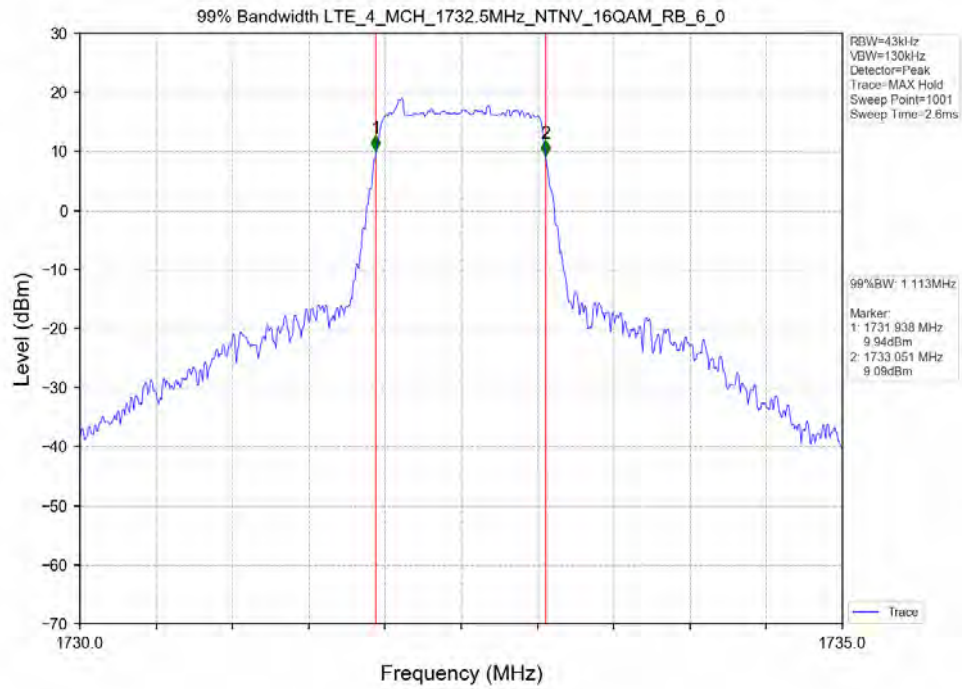


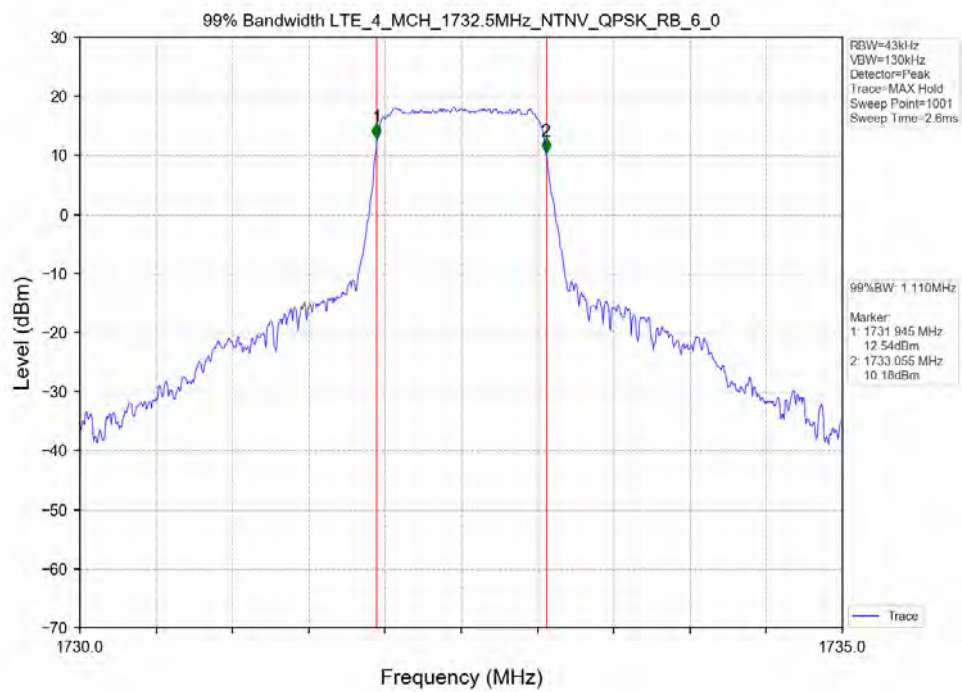
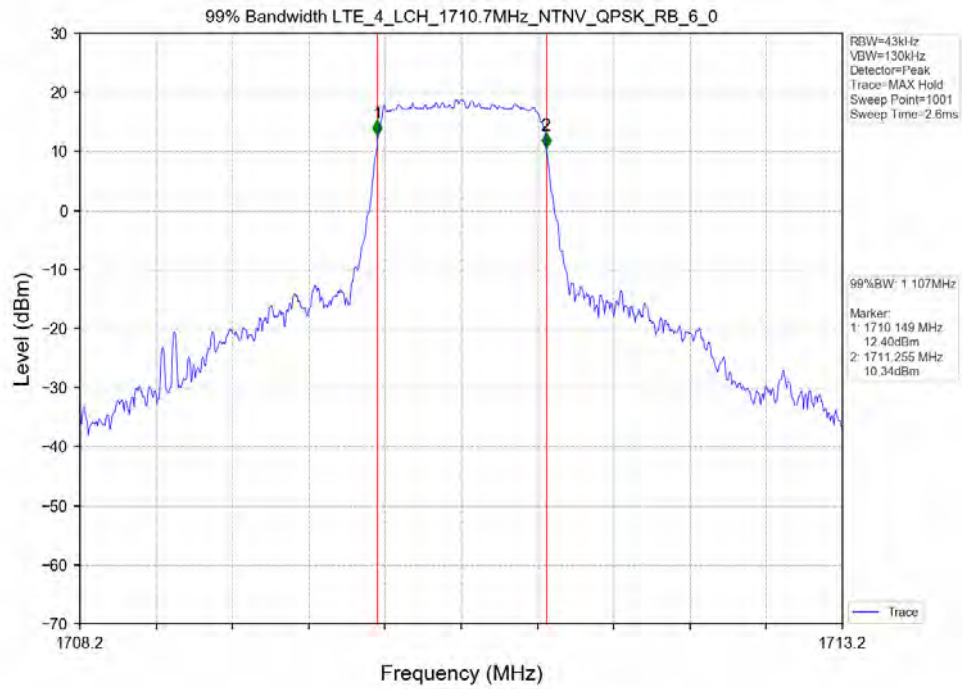
Band 4

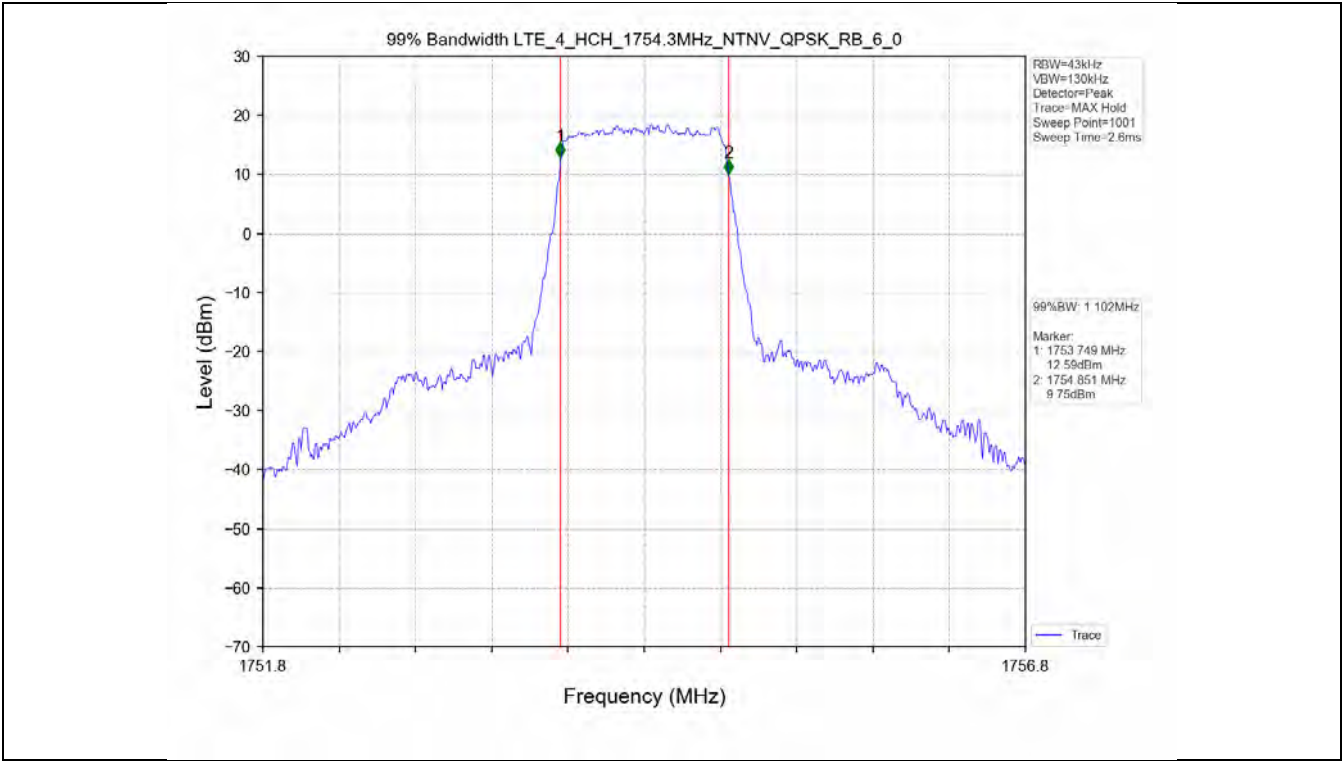
Test Band: 4_1.4MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.107	1.110	1.102	N/A	PASS
16QAM	6	0	1.105	1.113	1.109	N/A	PASS

4.2 Test Graph



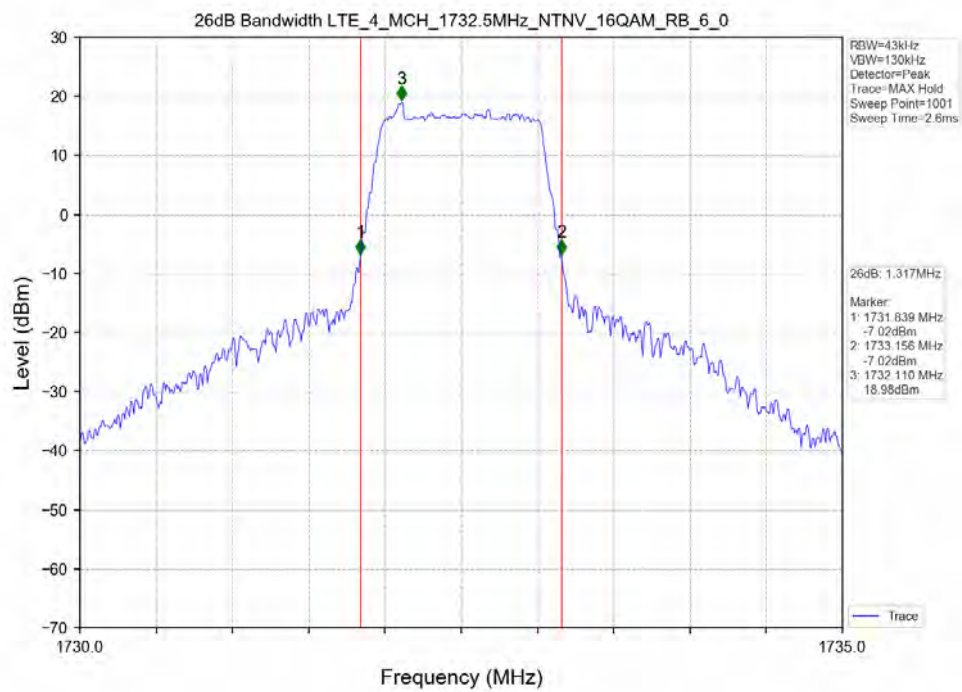
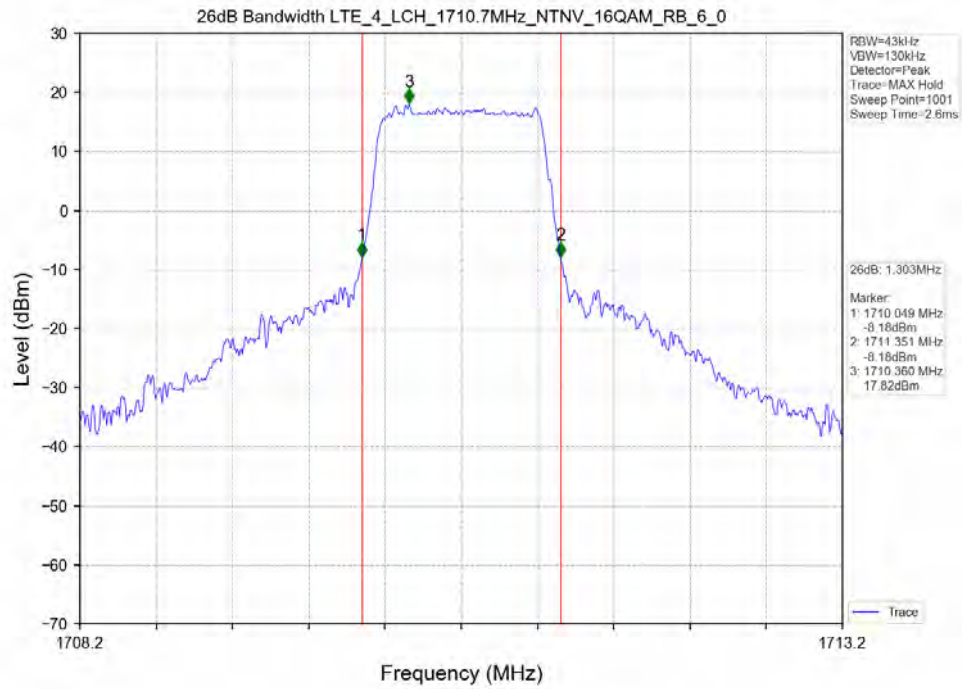


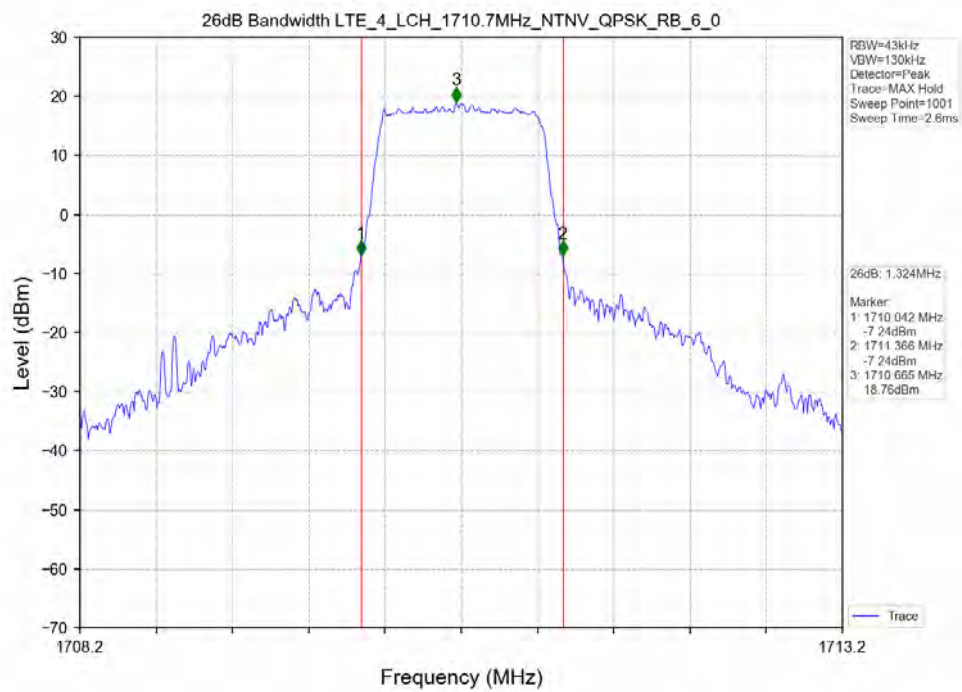
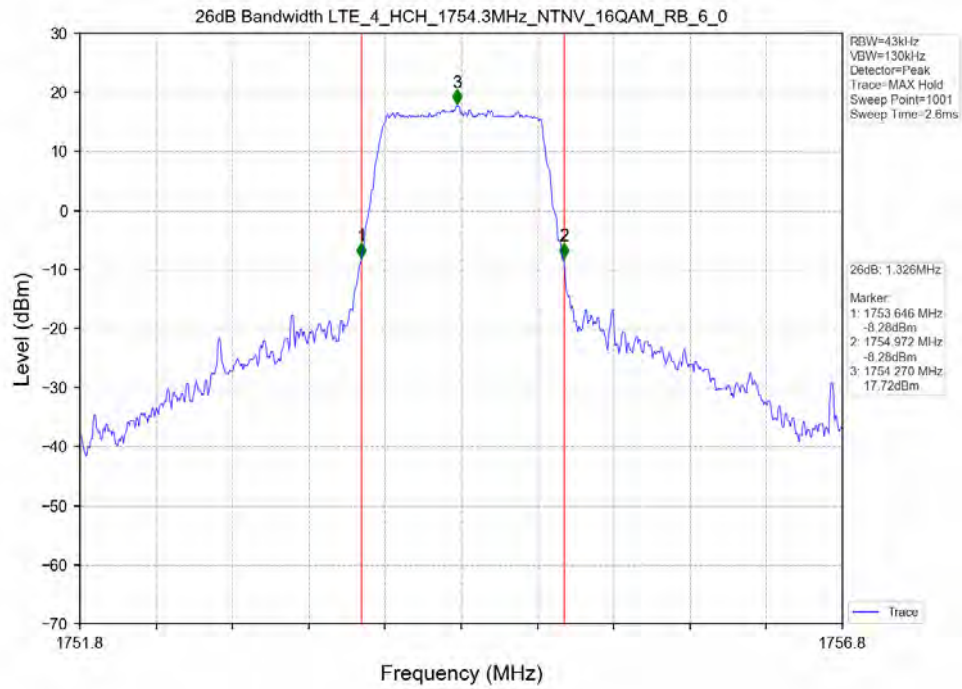


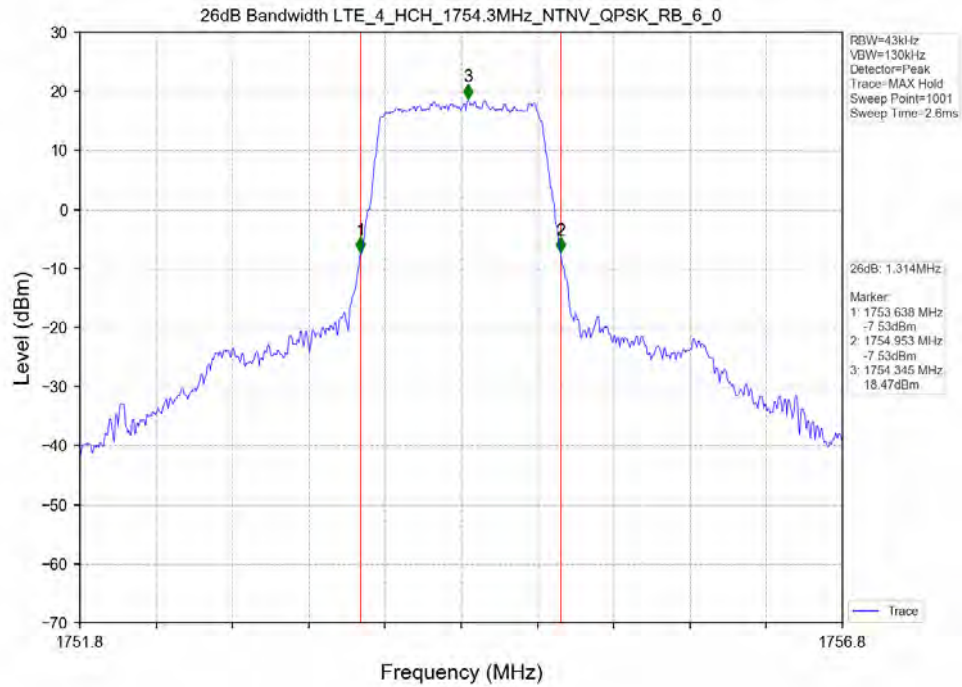
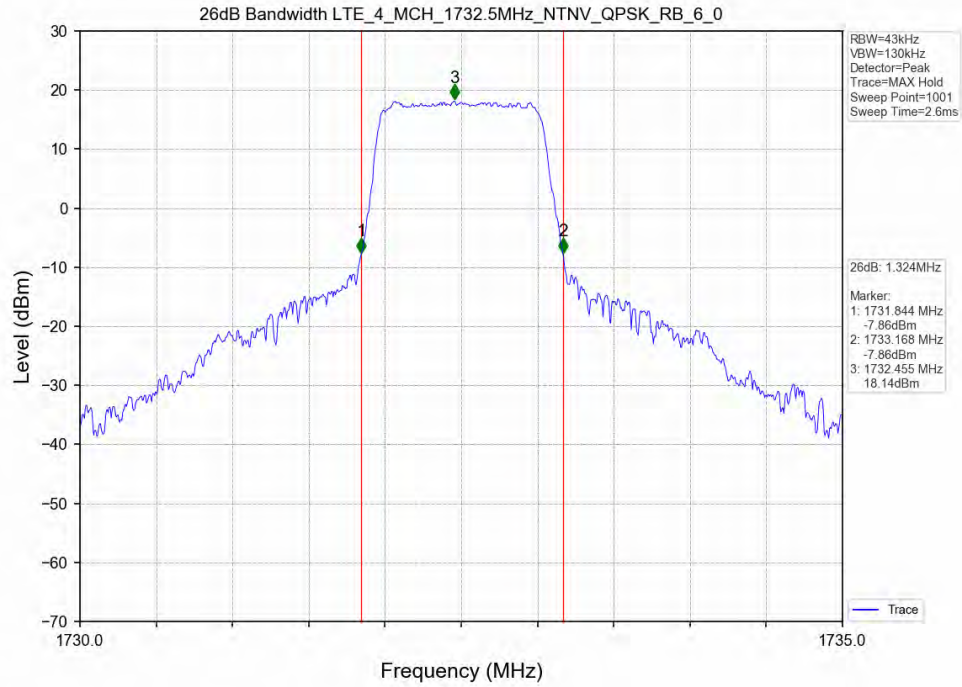


Test Band: 4_1.4MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.324	1.324	1.314	N/A	PASS
16QAM	6	0	1.303	1.317	1.326	N/A	PASS

4.2 Test Graph

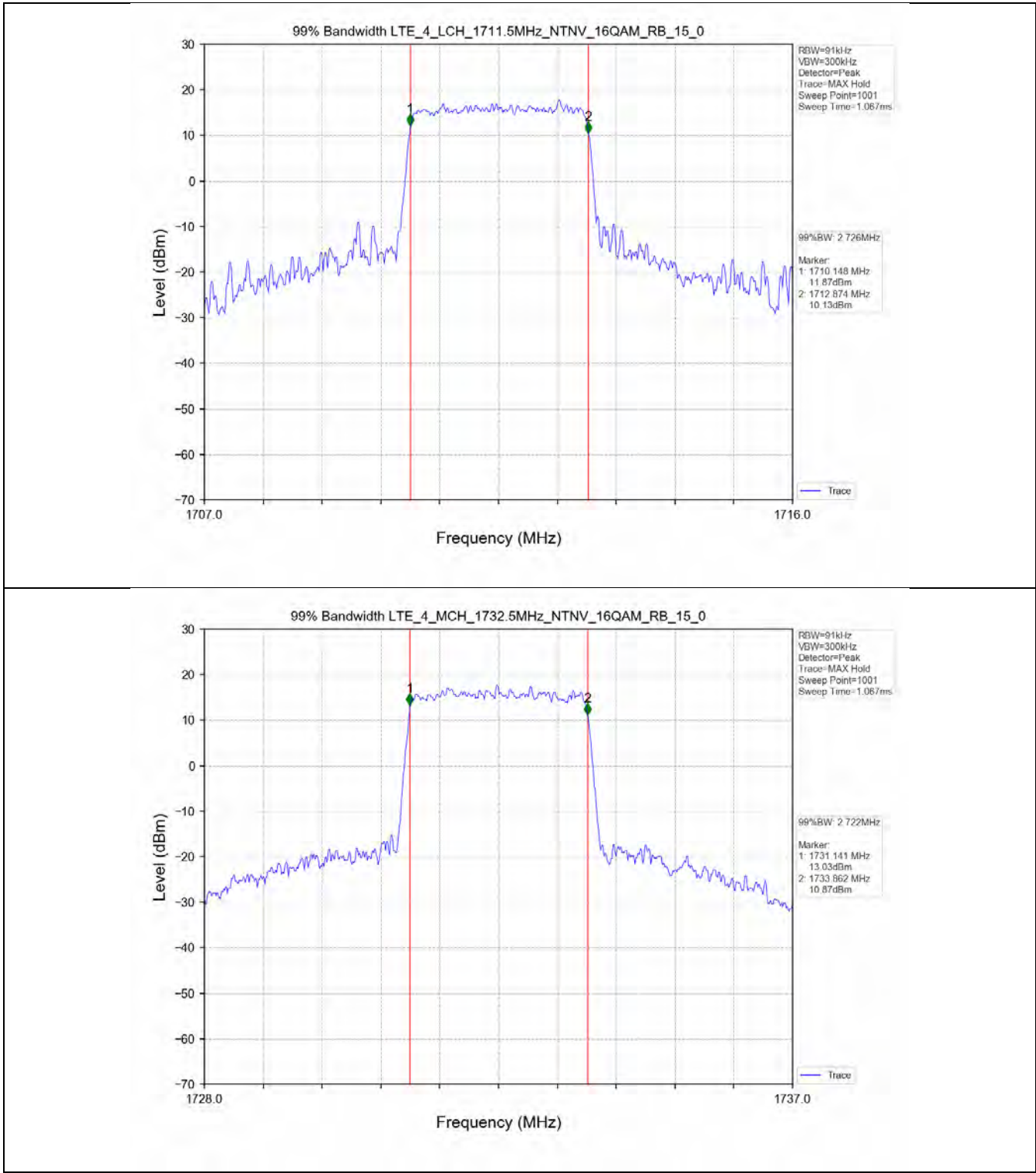


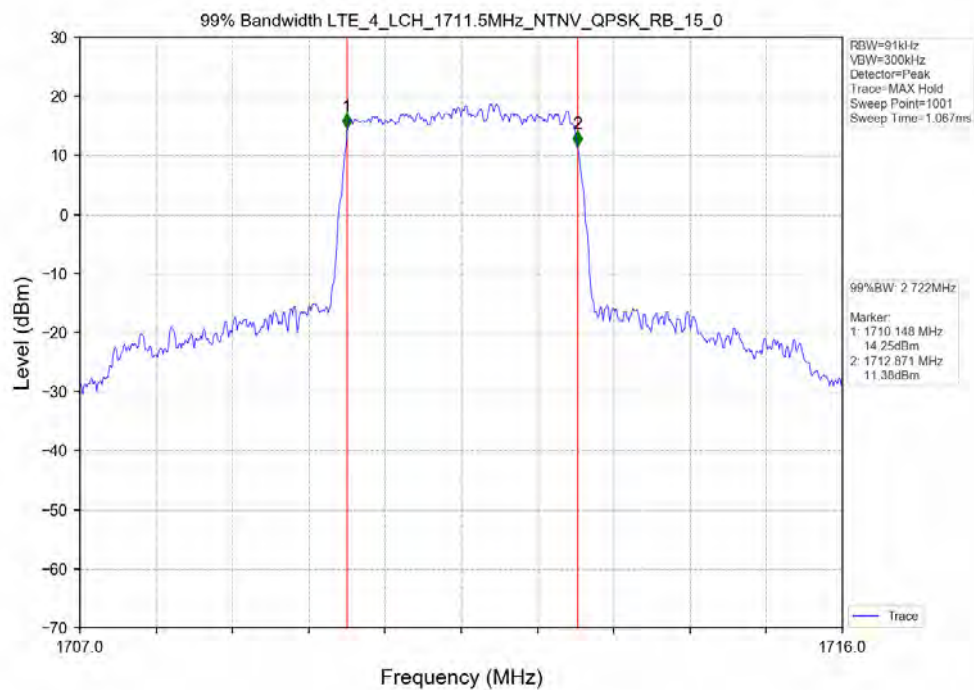
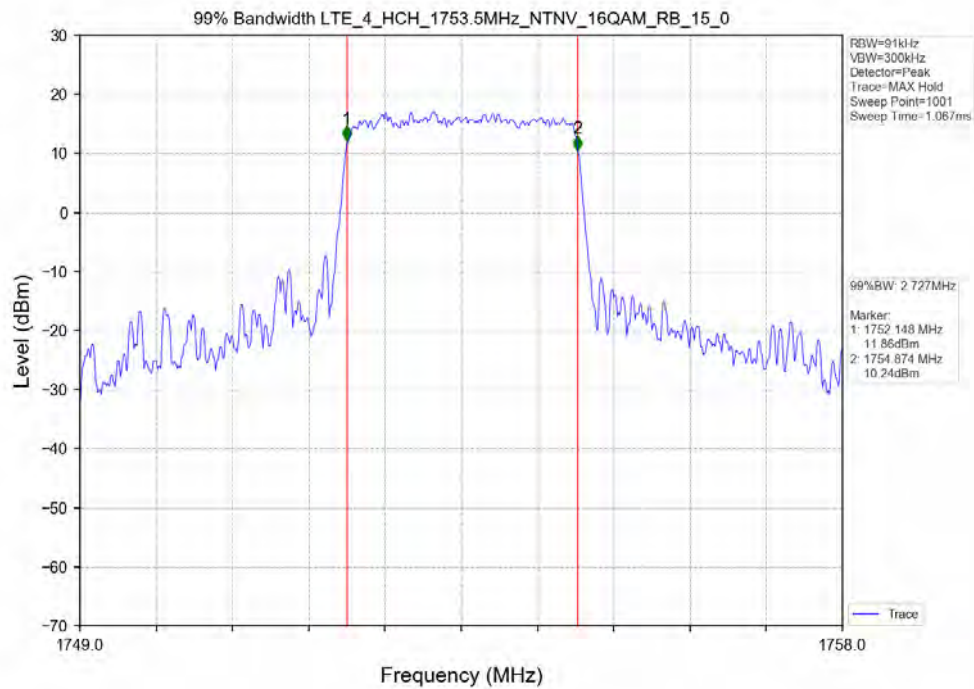


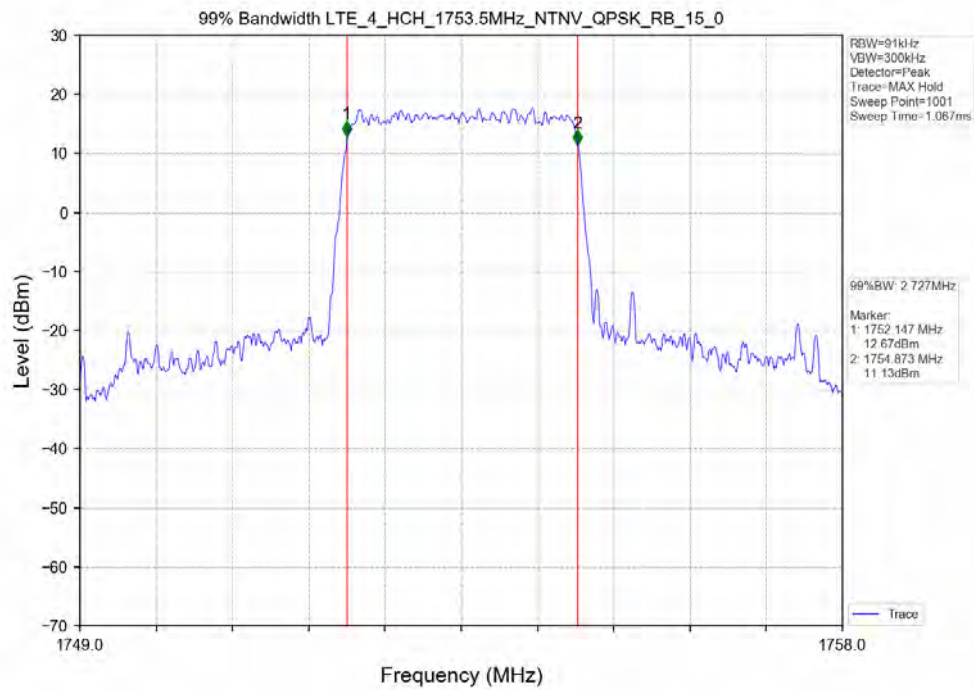
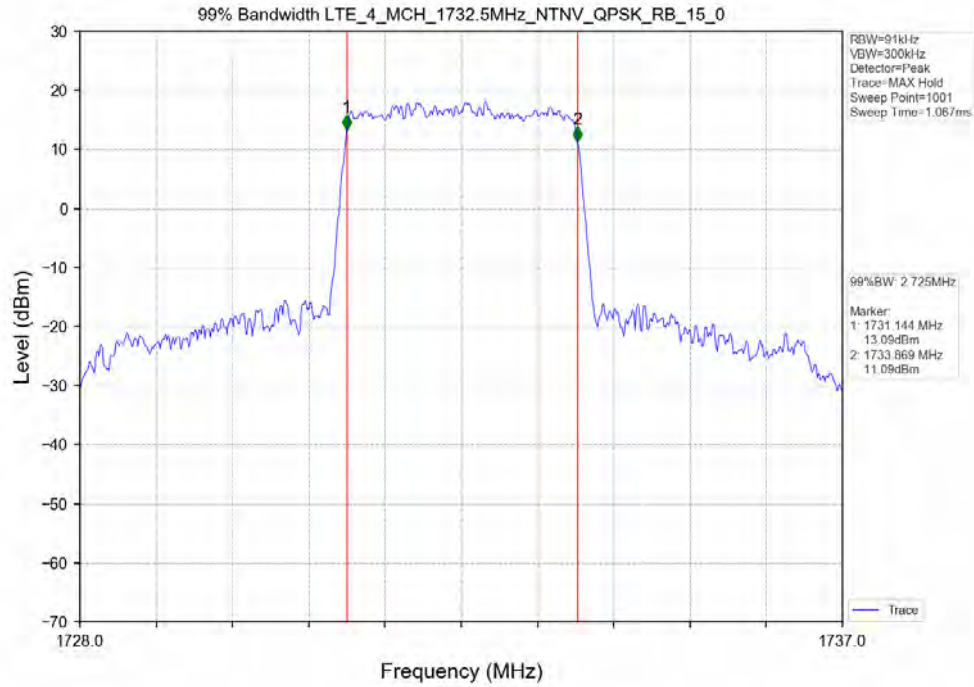


Test Band: 4_3MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.722	2.725	2.727	N/A	PASS
16QAM	15	0	2.726	2.722	2.727	N/A	PASS

4.2 Test Graph

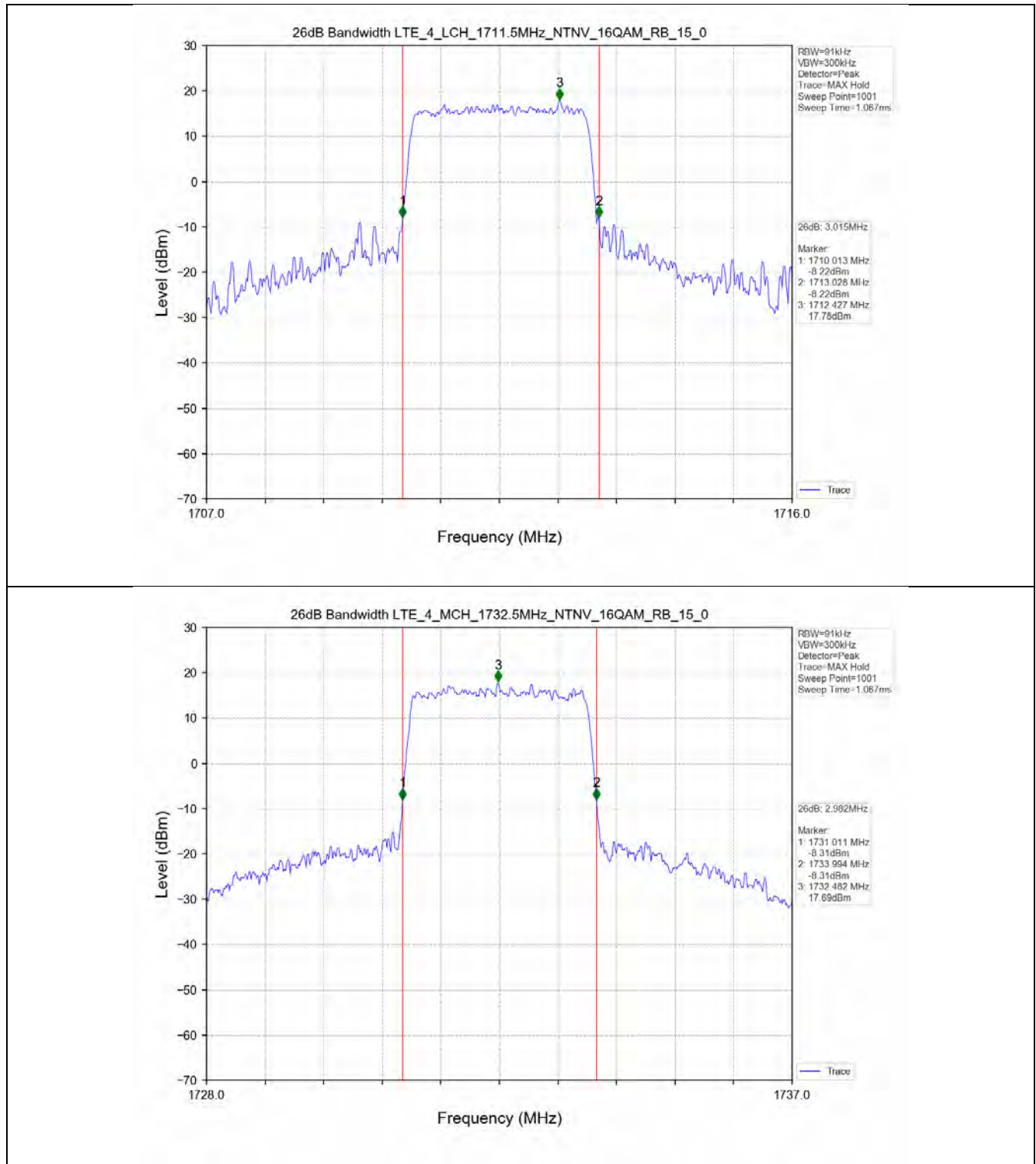


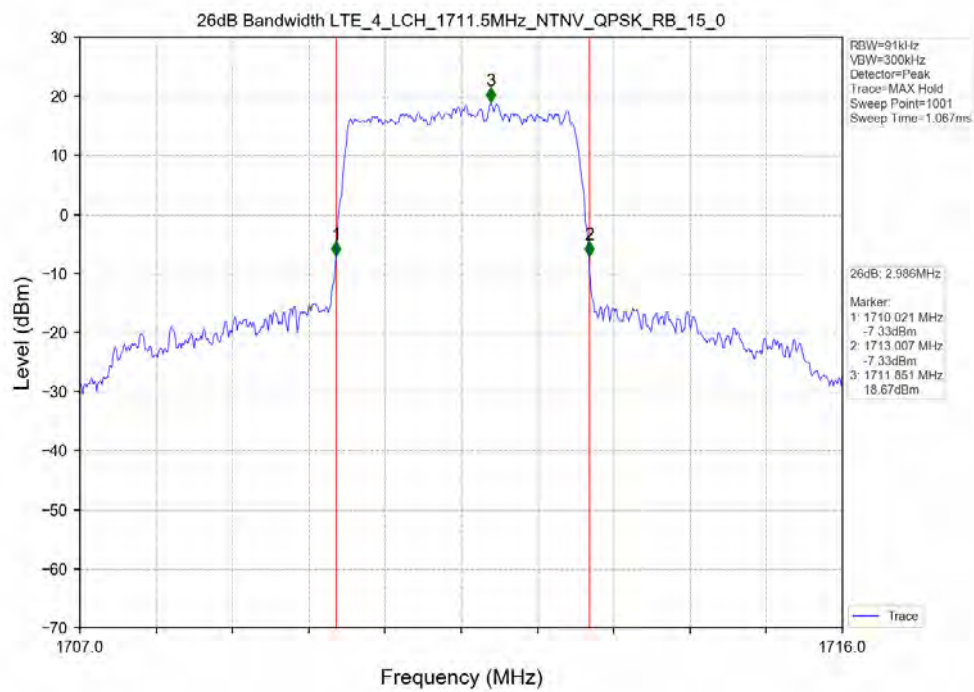
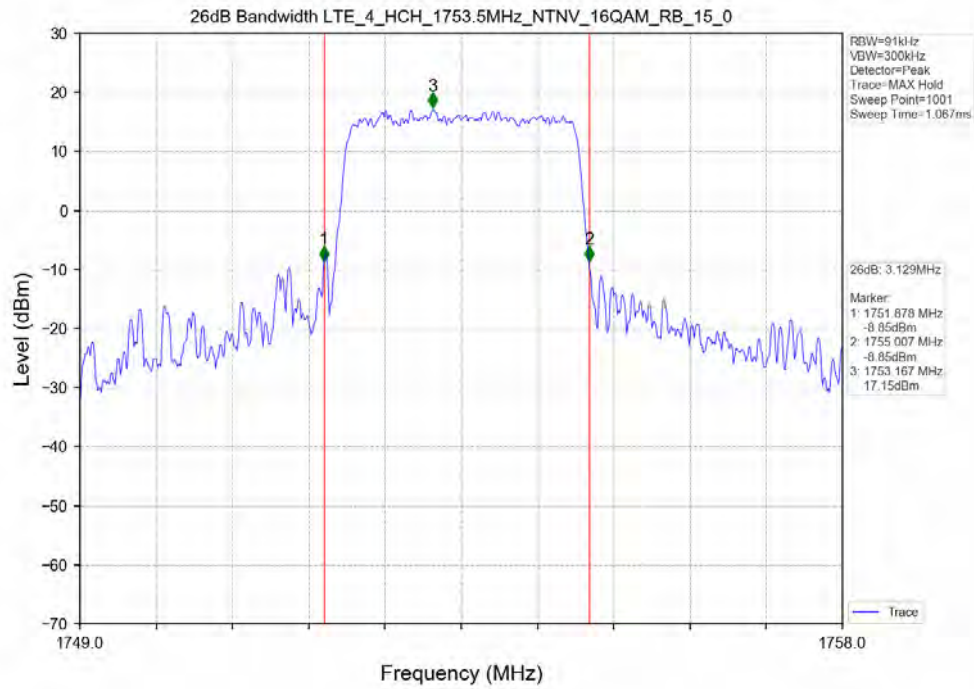


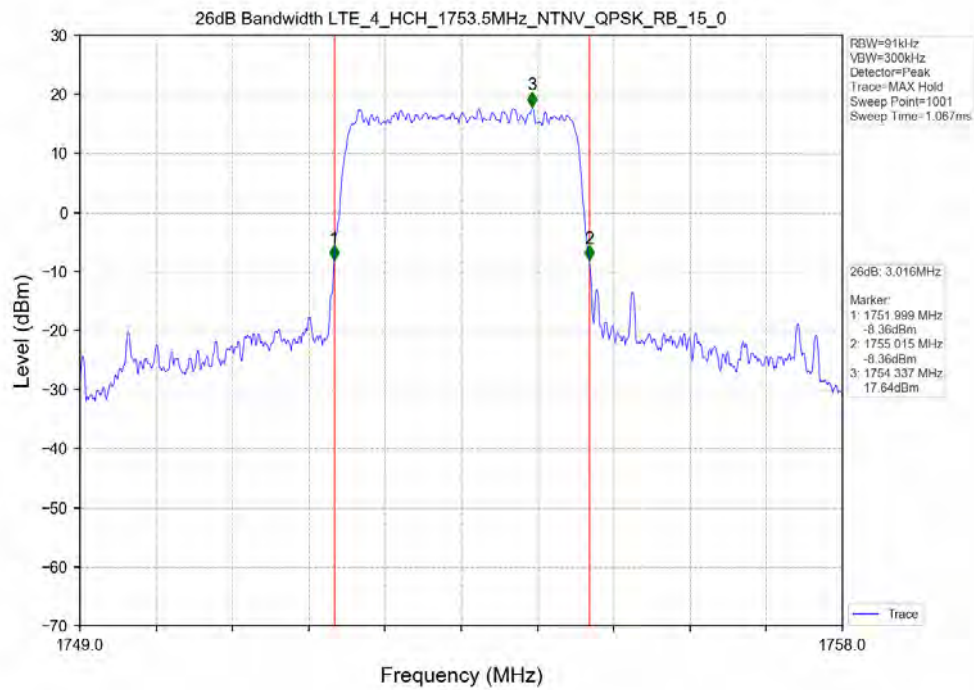
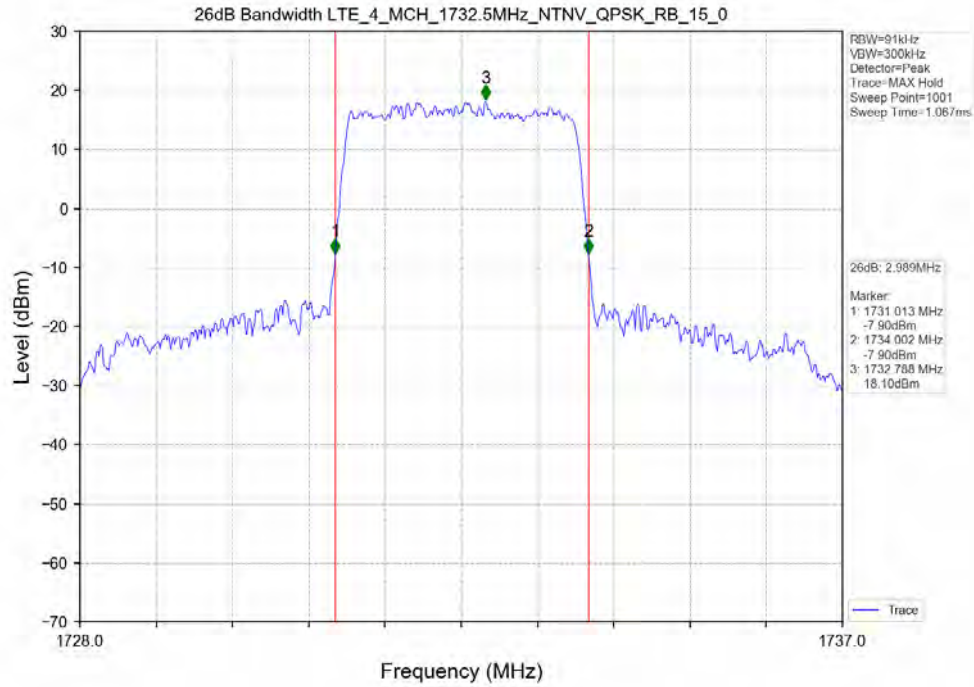


Test Band: 4 3MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.986	2.989	3.016	N/A	PASS
16QAM	15	0	3.015	2.982	3.129	N/A	PASS

4.2 Test Graph

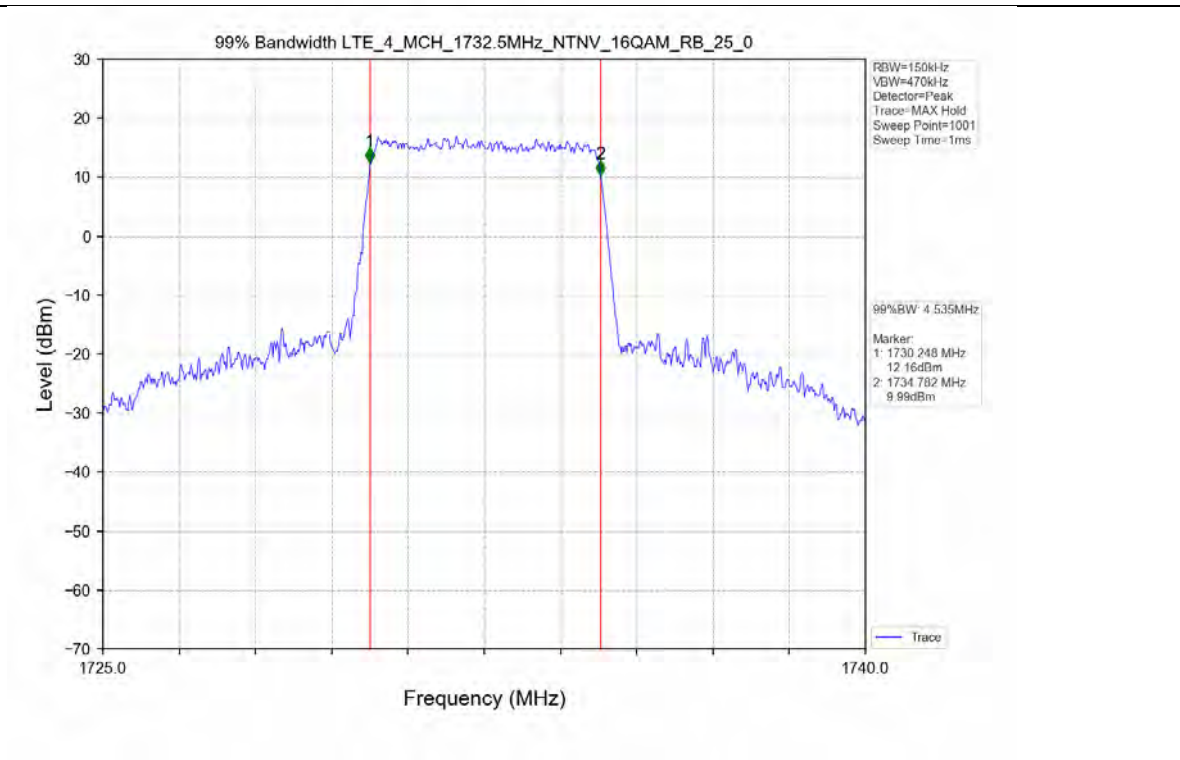
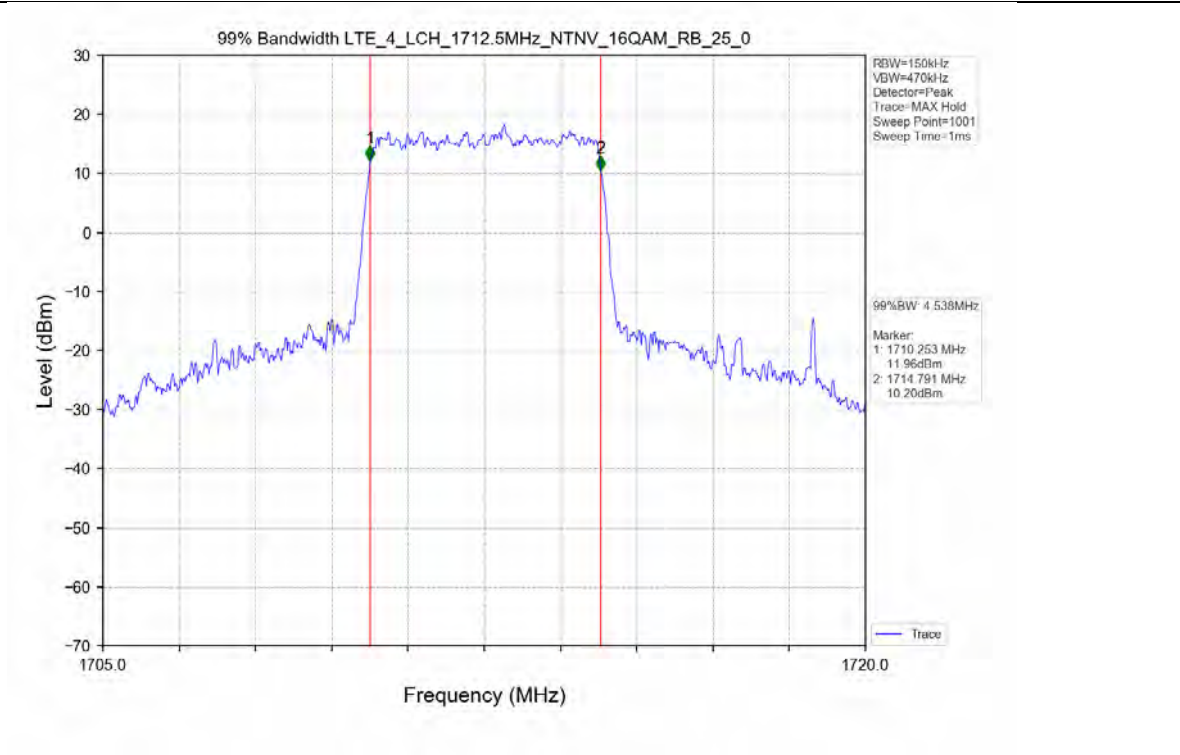


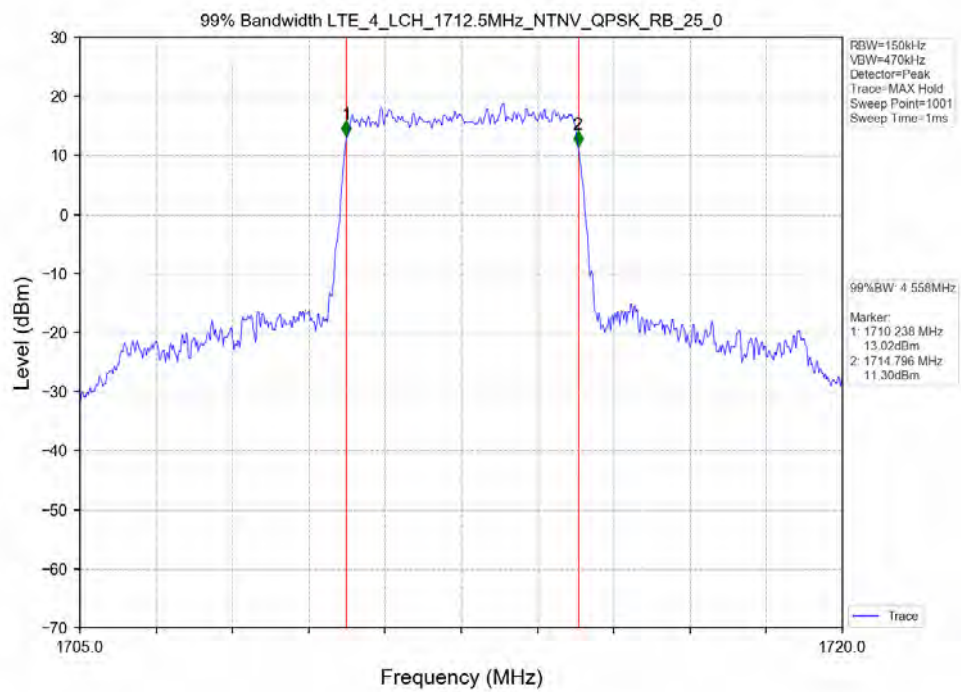
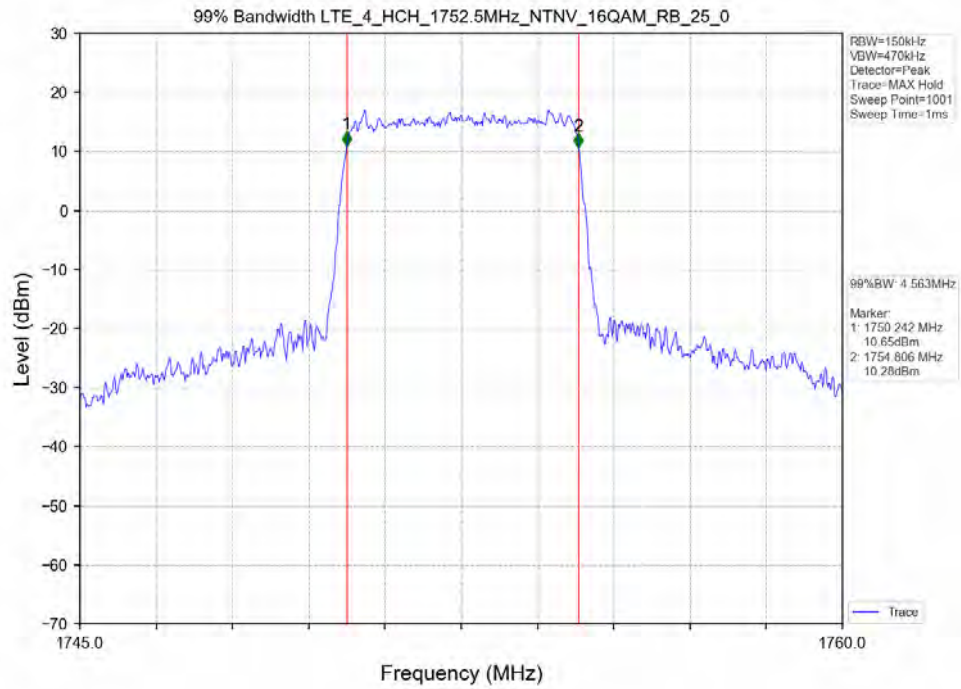


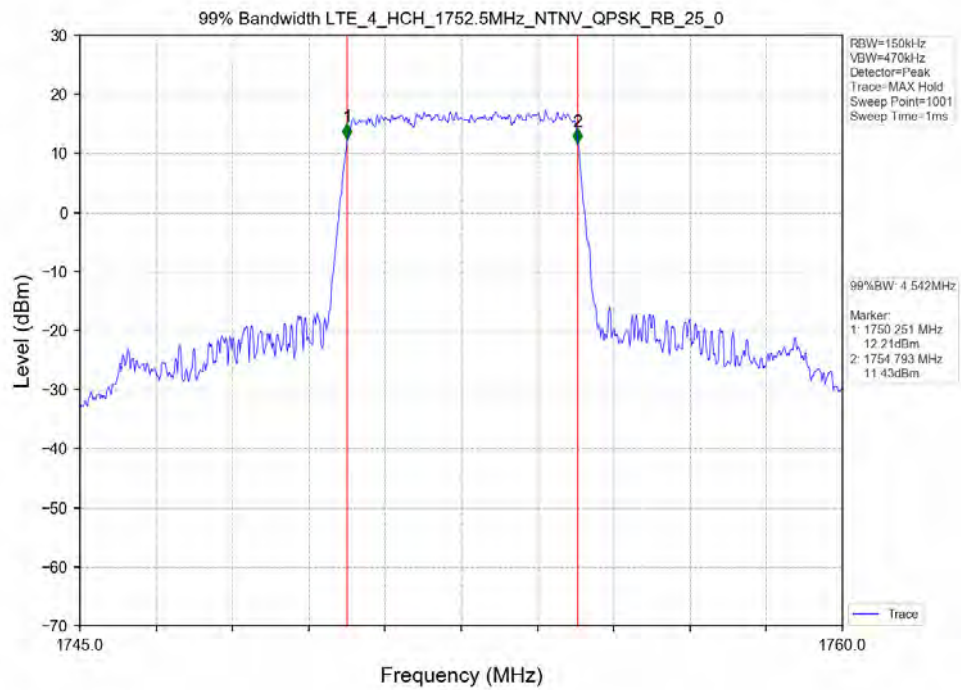
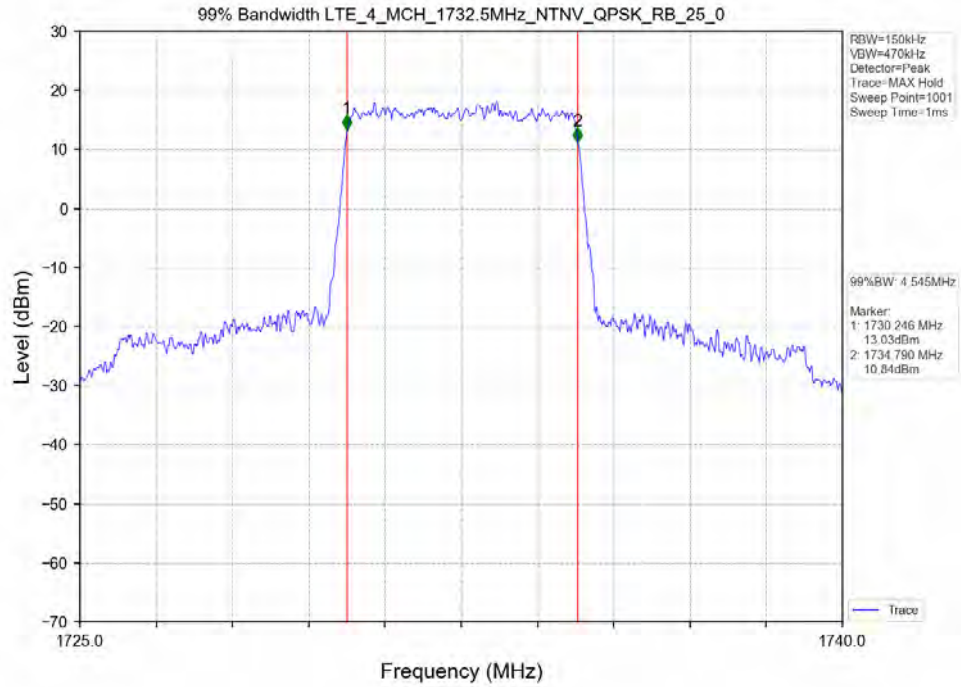


Test Band: 4_5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.558	4.545	4.542	N/A	PASS
16QAM	25	0	4.538	4.535	4.563	N/A	PASS

4.2 Test Graph

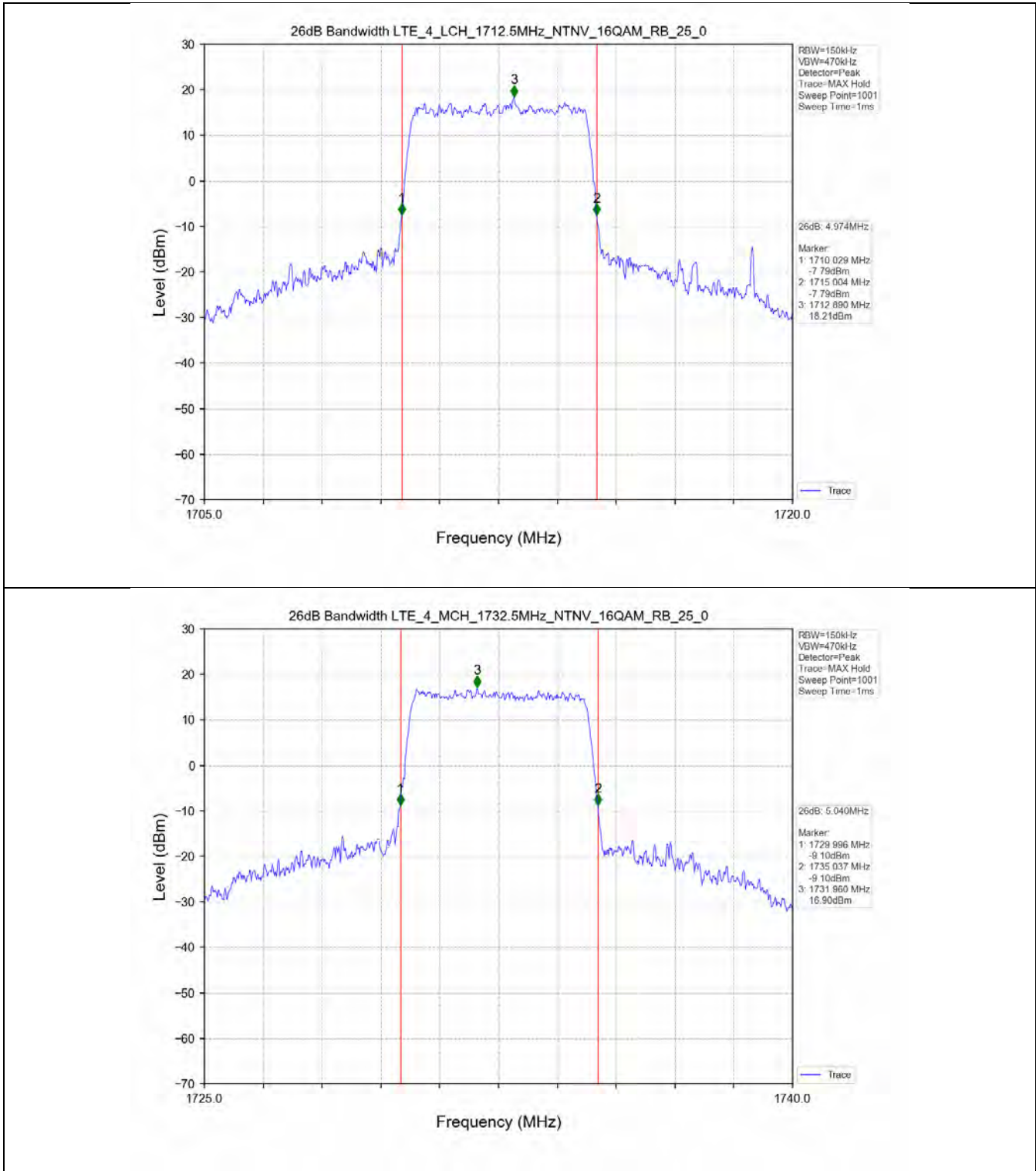


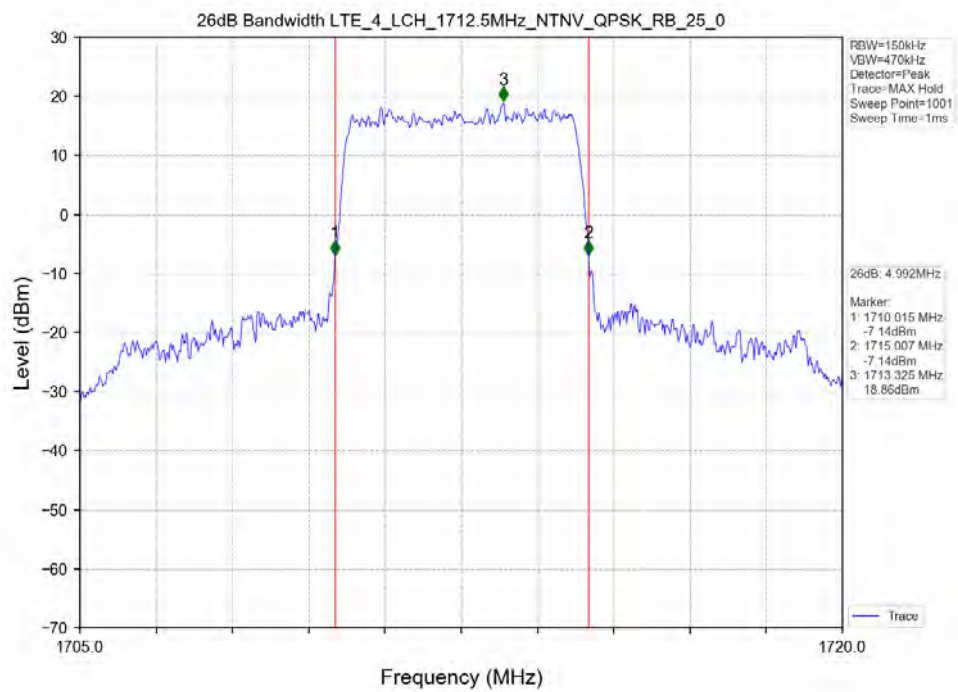
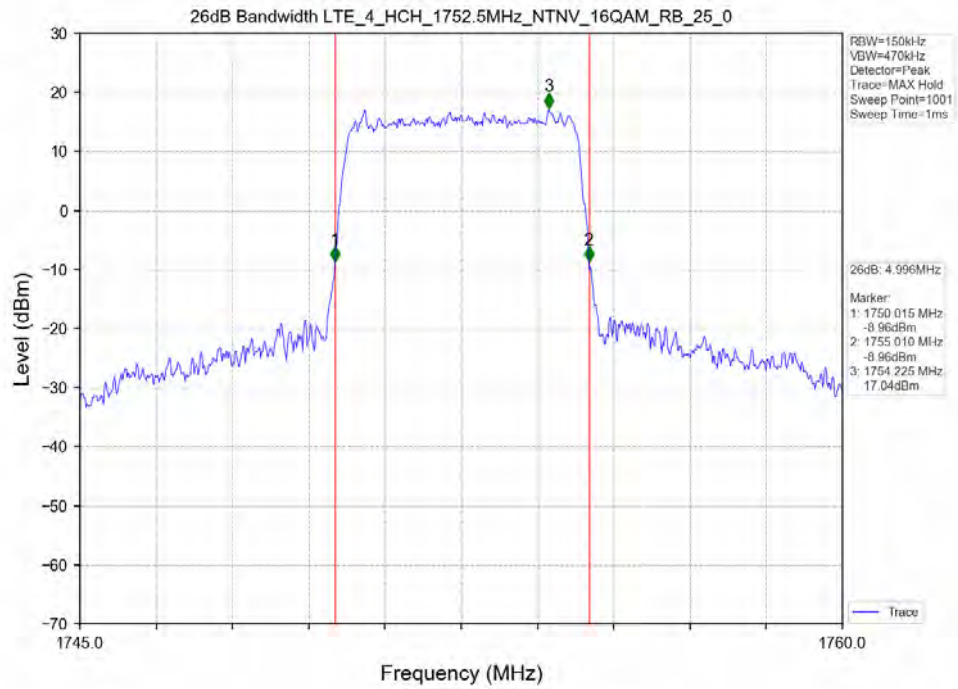


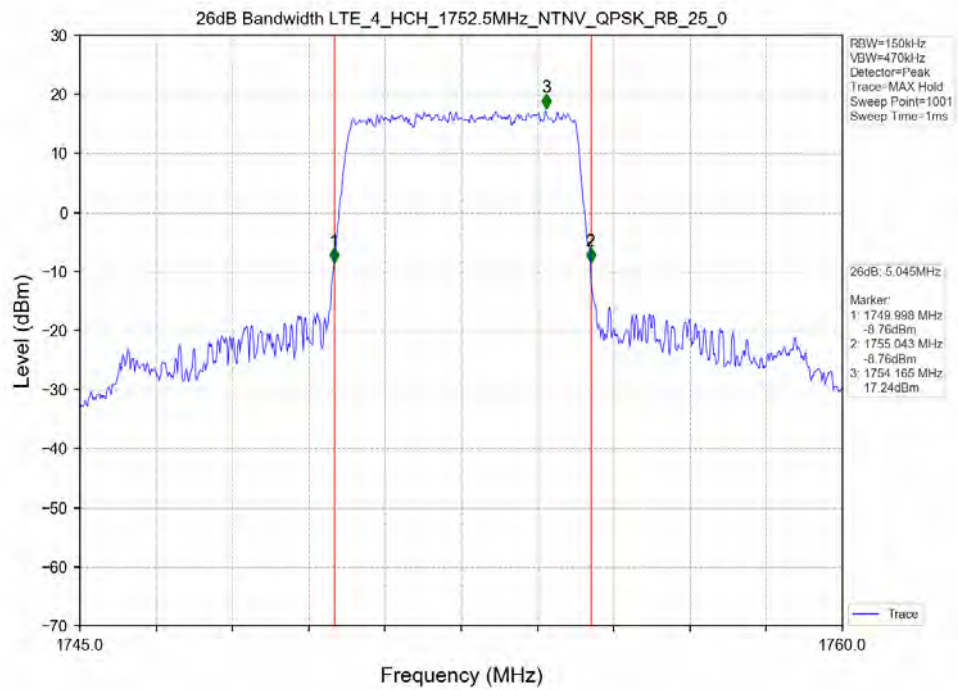
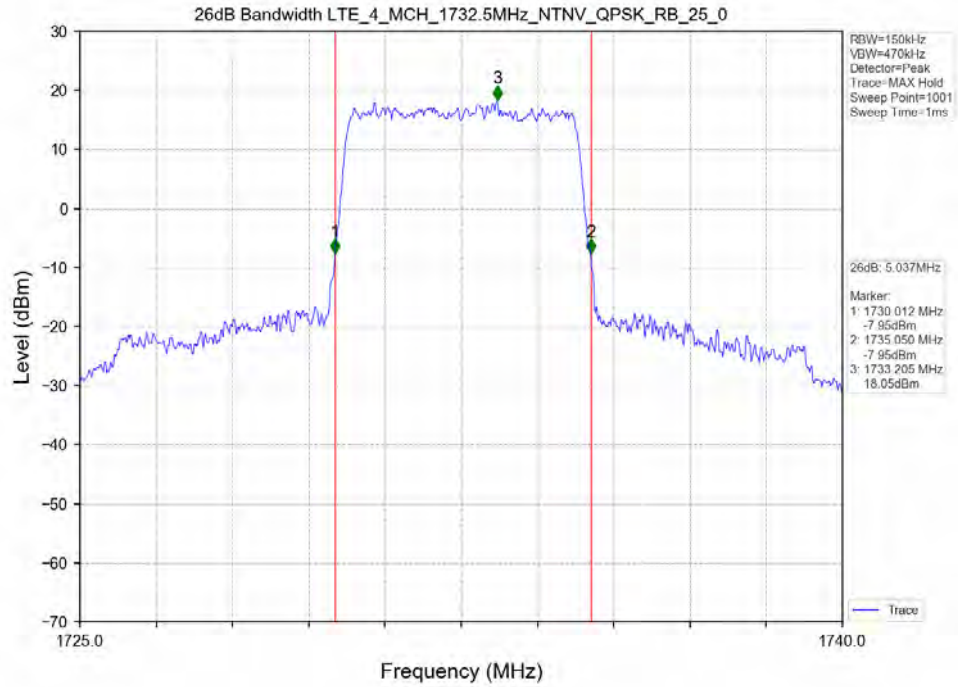


Test Band: 4_5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.992	5.037	5.045	N/A	PASS
16QAM	25	0	4.974	5.040	4.996	N/A	PASS

4.2 Test Graph

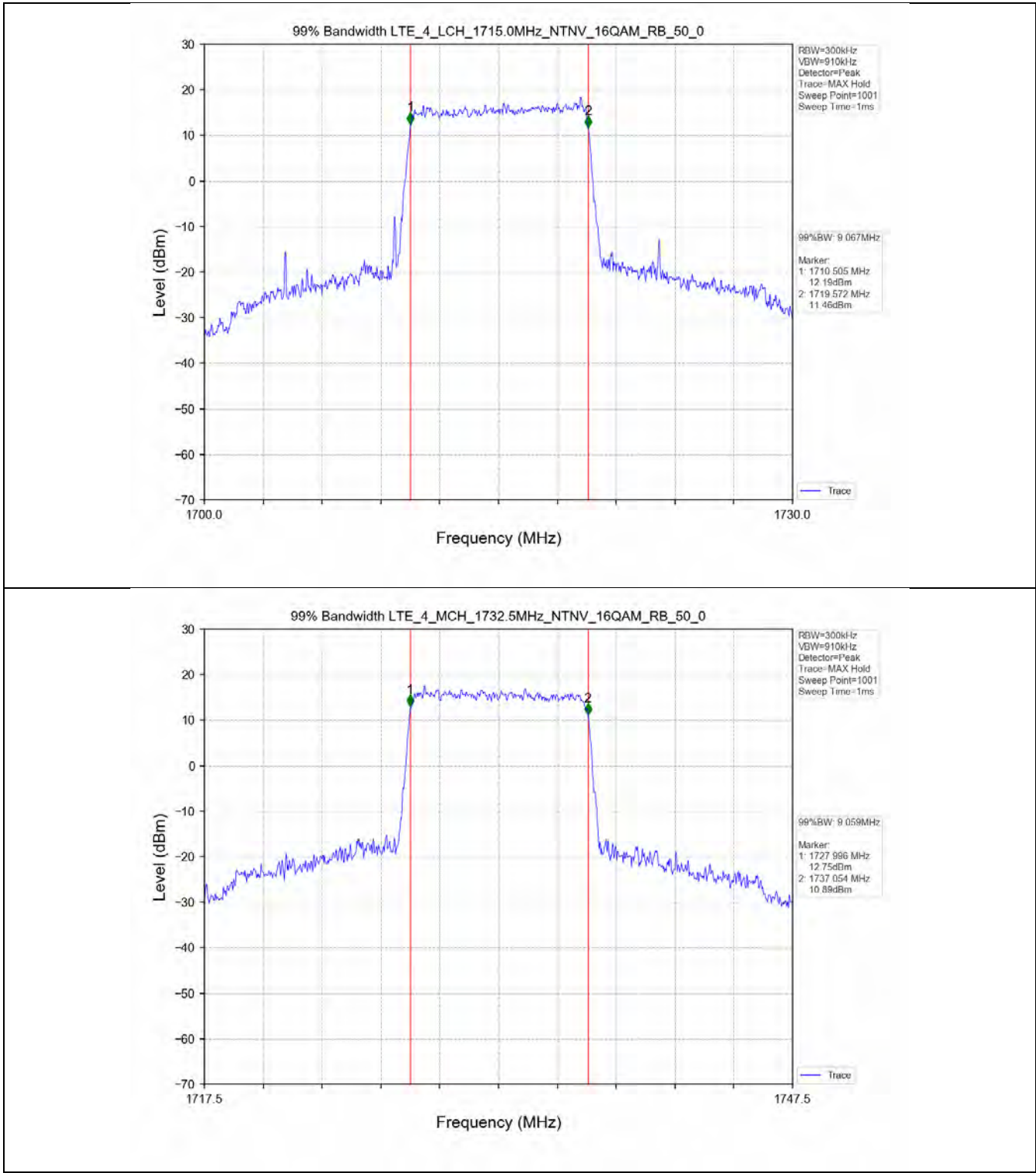


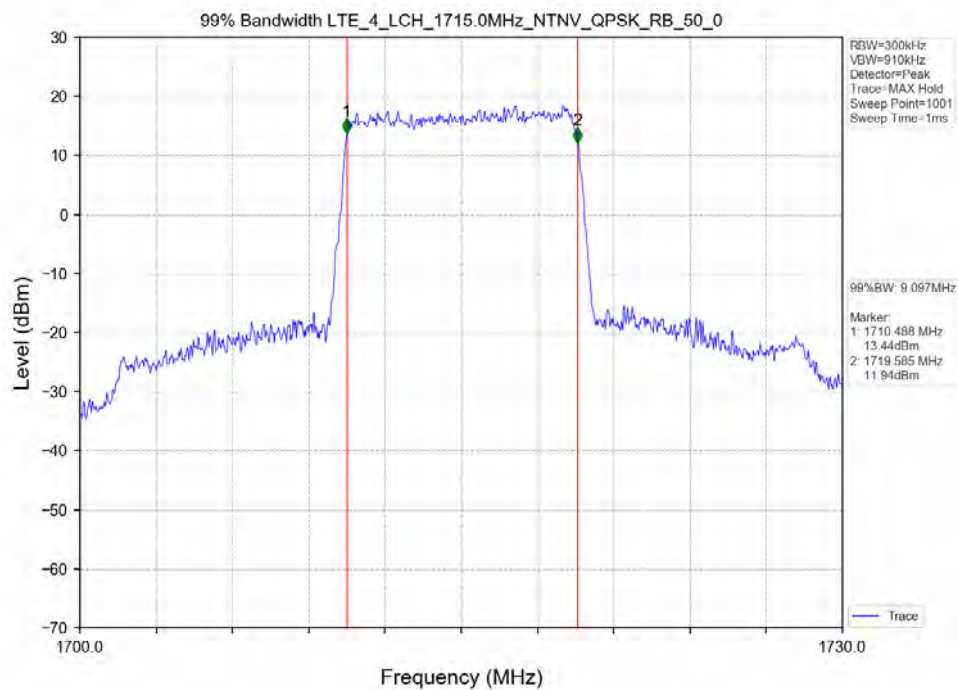
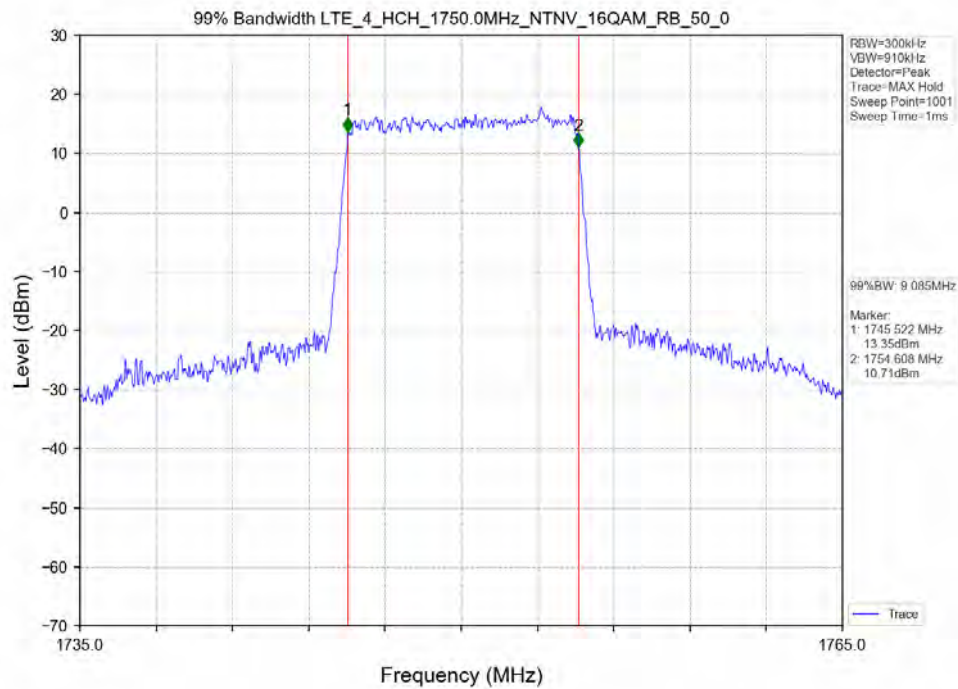


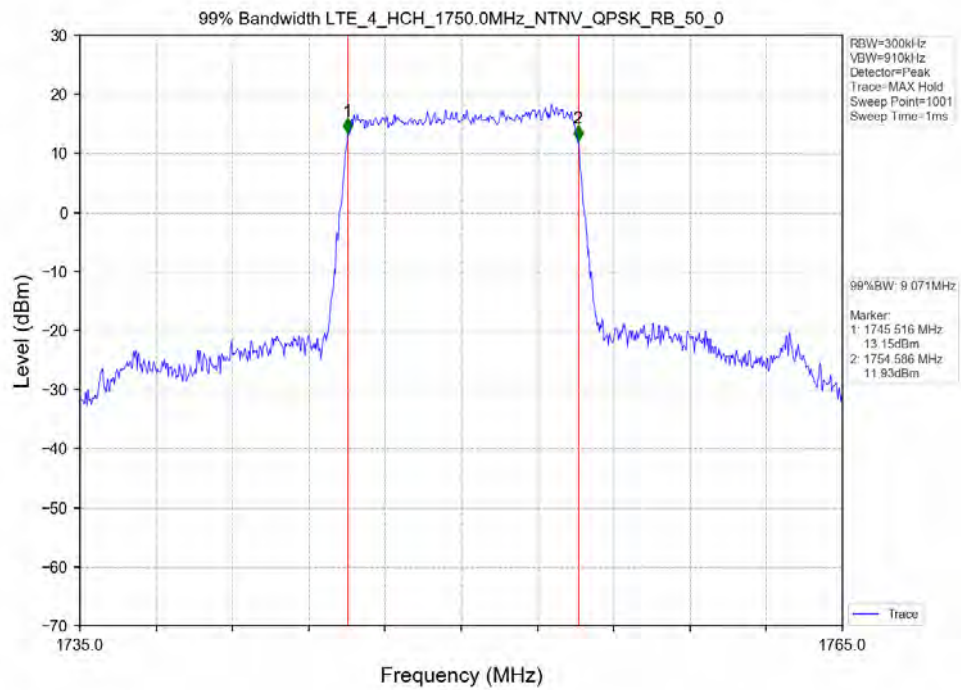
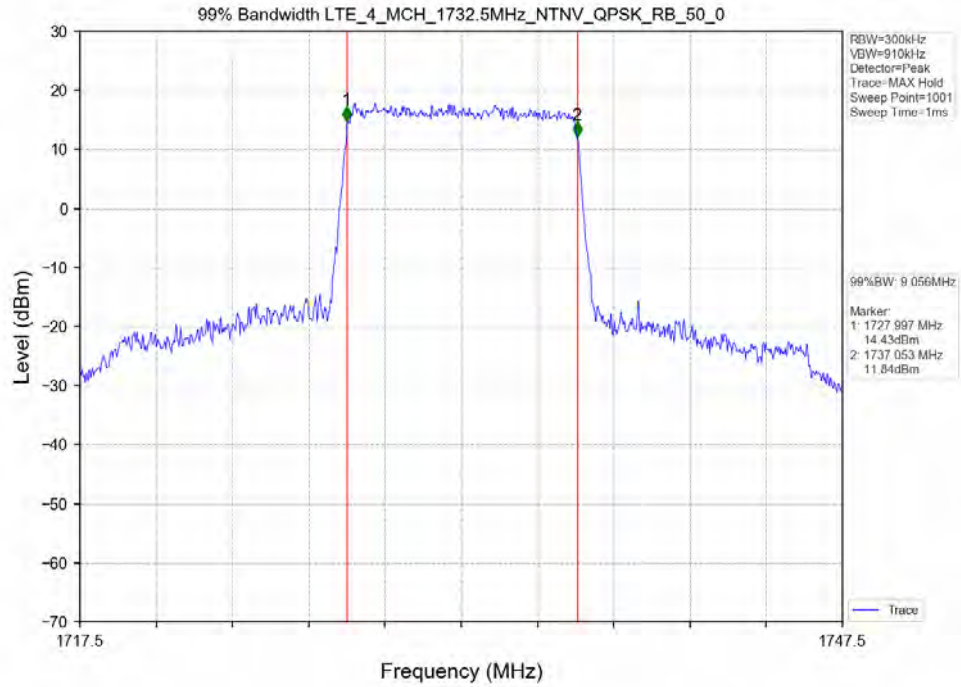


Test Band: 4 _10MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.097	9.056	9.071	N/A	PASS
16QAM	50	0	9.067	9.059	9.085	N/A	PASS

4.2 Test Graph

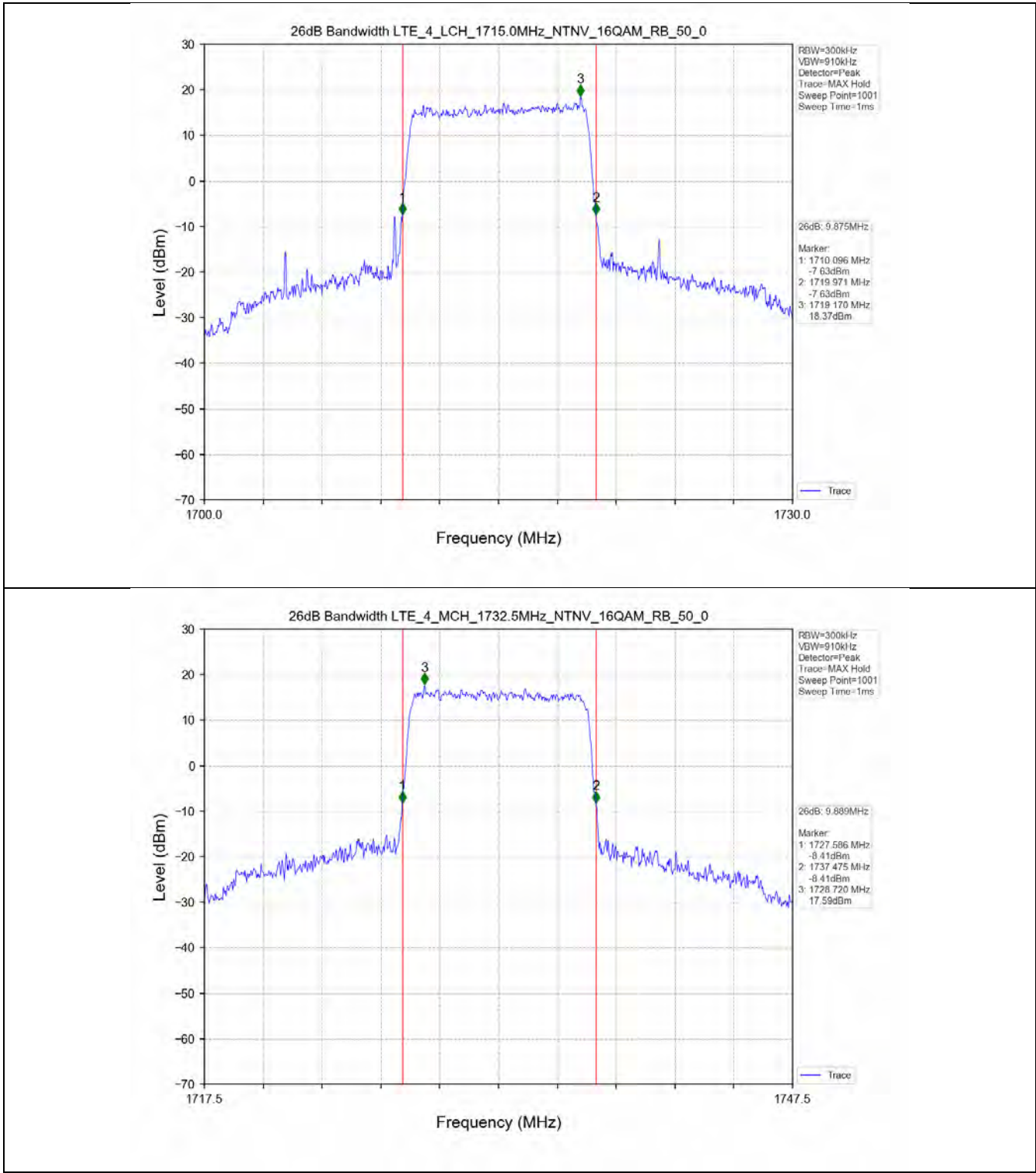


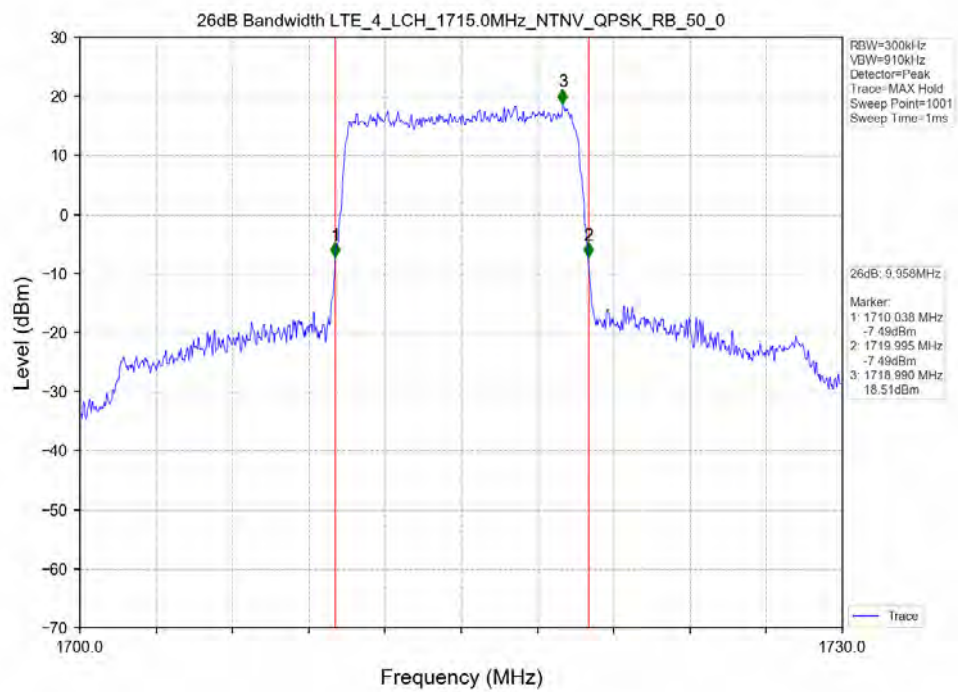
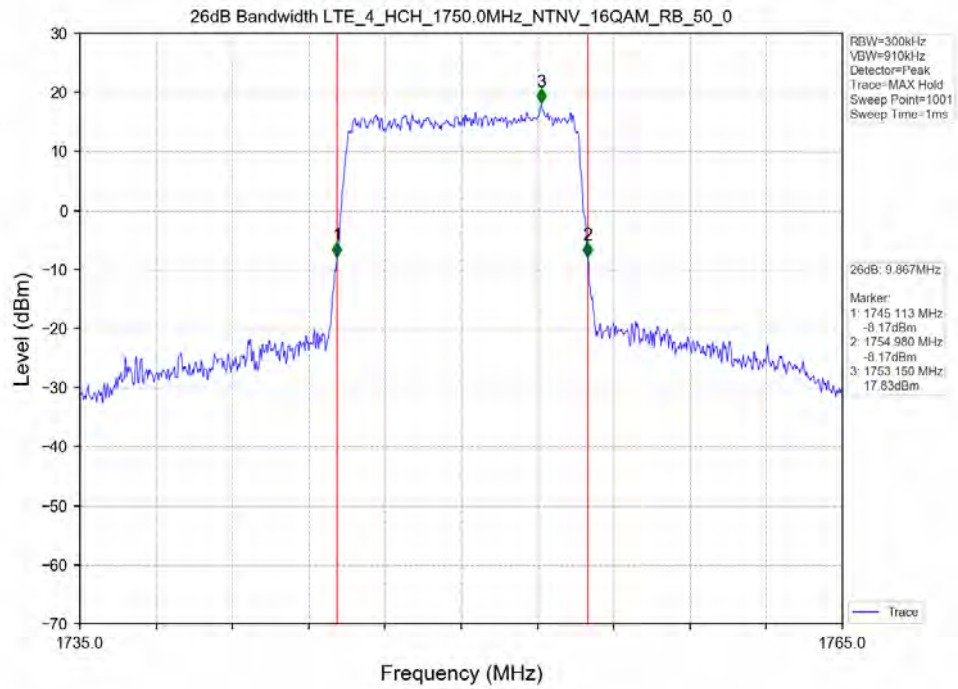


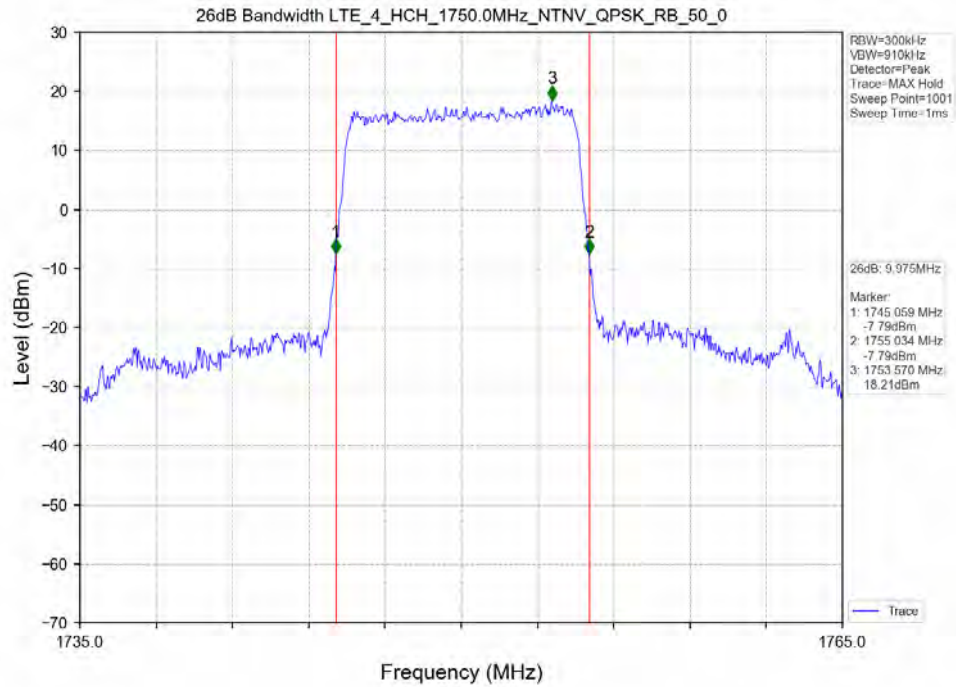
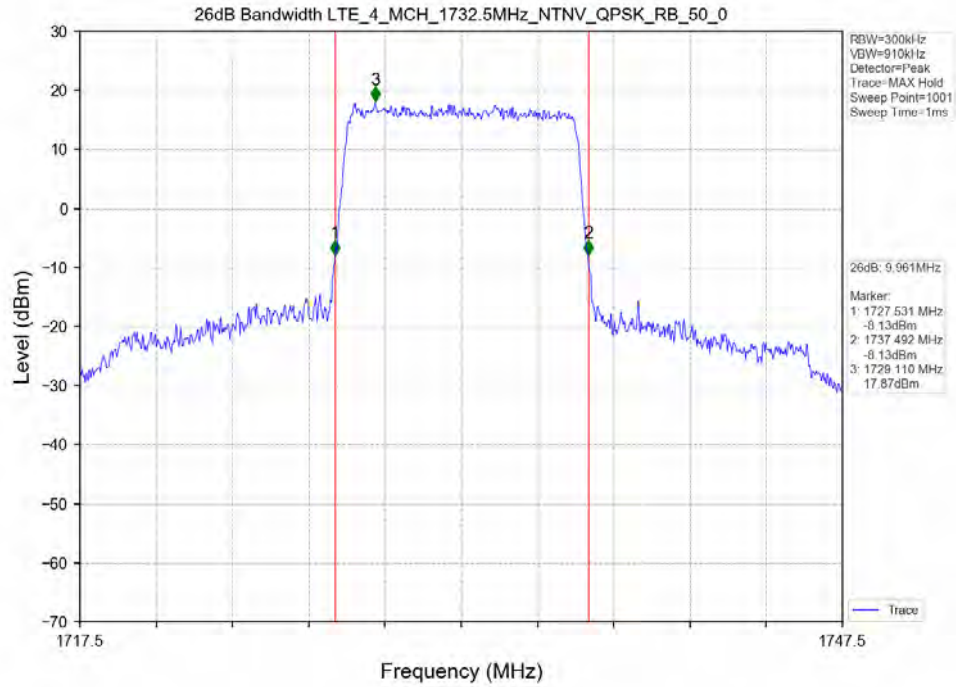


Test Band: 4_10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.958	9.961	9.975	N/A	PASS
16QAM	50	0	9.875	9.889	9.867	N/A	PASS

4.2 Test Graph



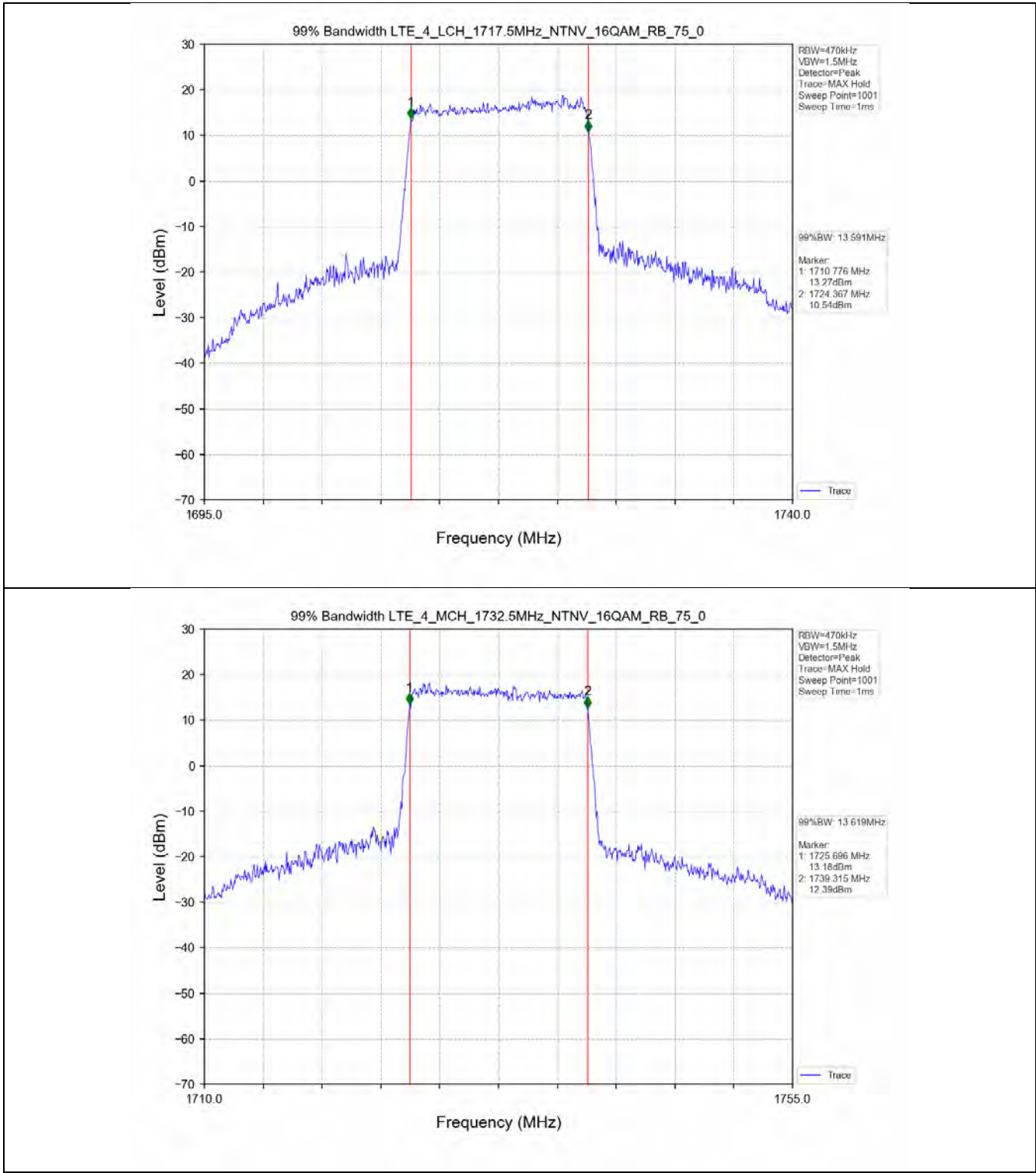


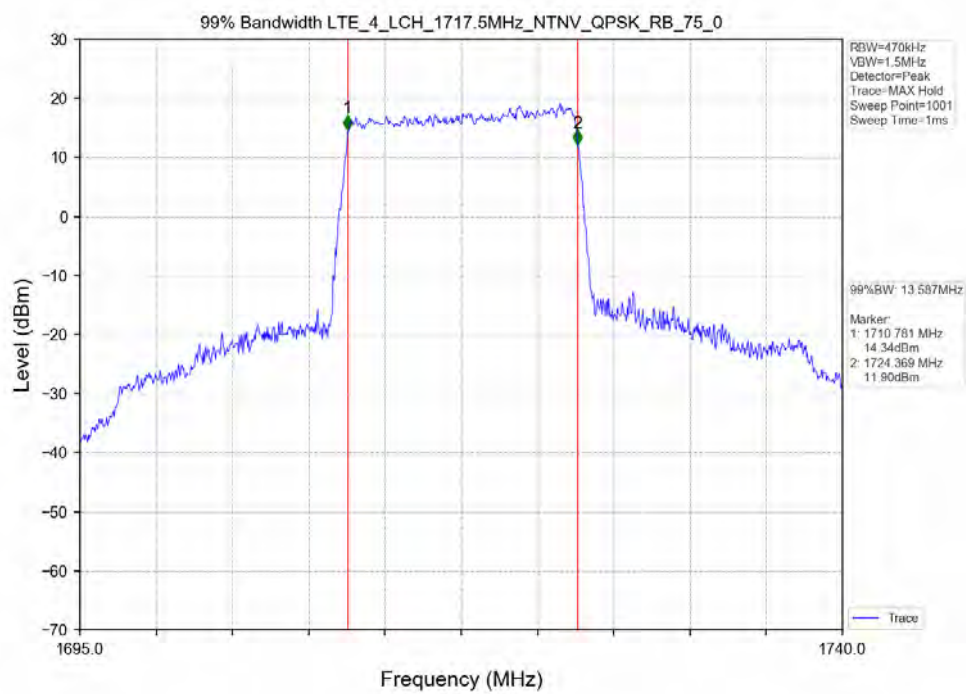
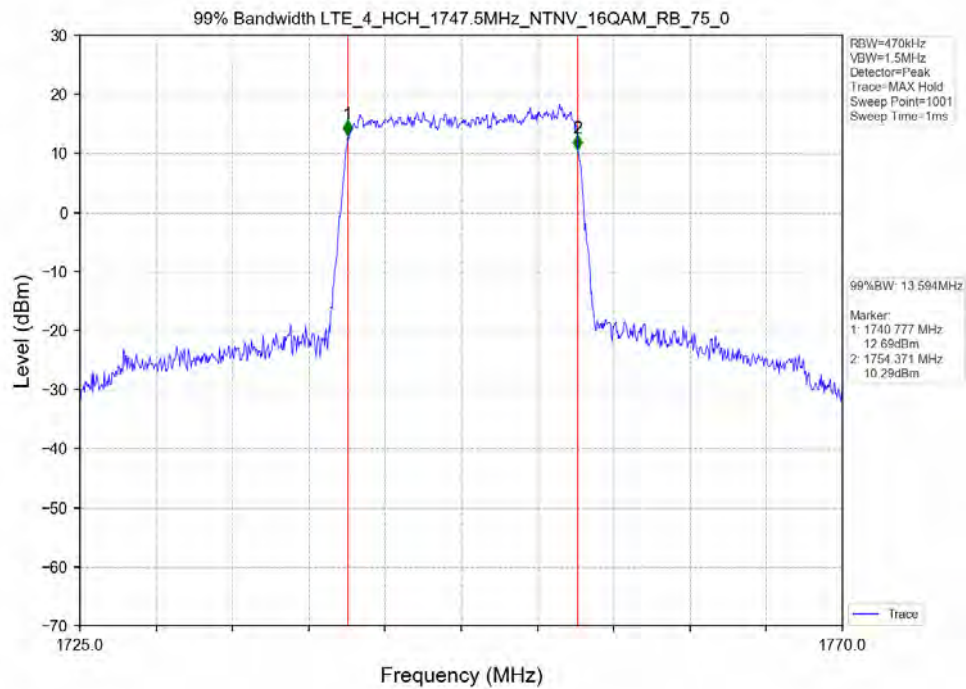


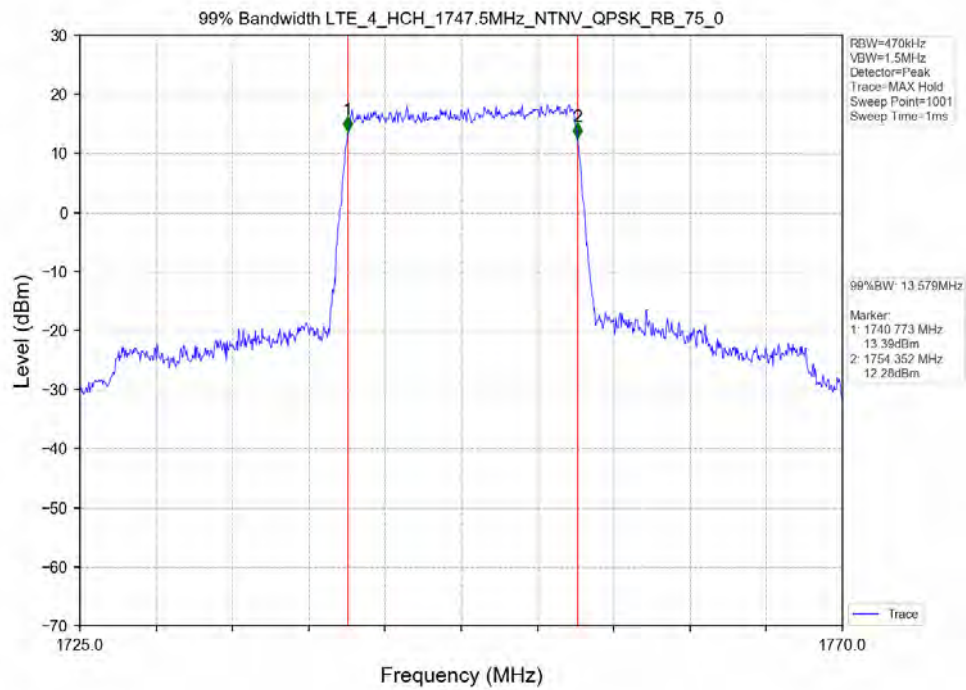
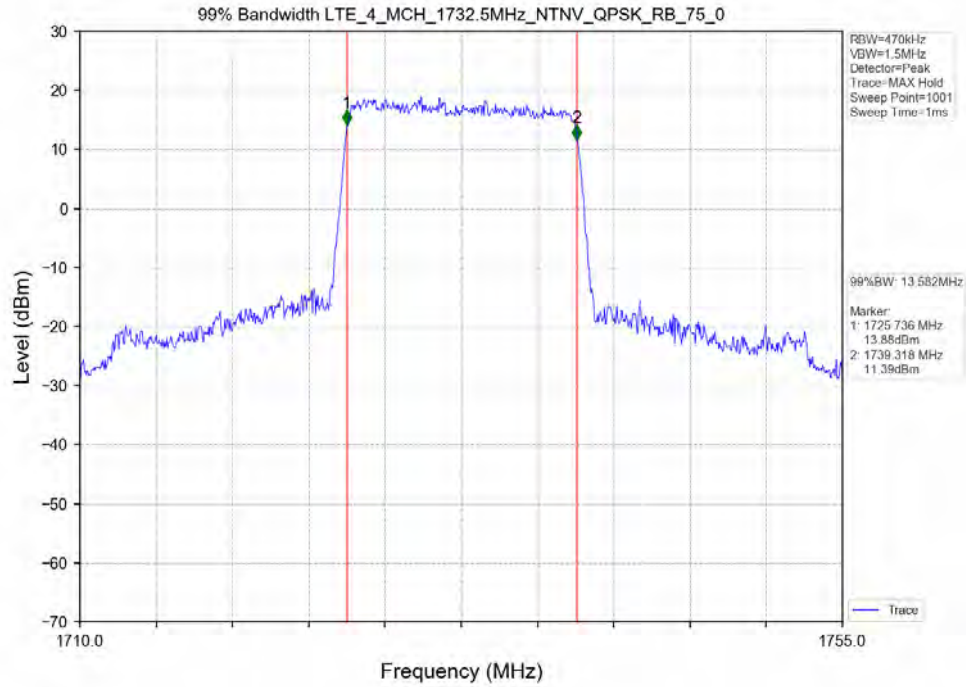
Test Band: 4 _15MHz Bandwidth

Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	13.587	13.582	13.579	N/A	PASS
16QAM	75	0	13.591	13.619	13.594	N/A	PASS

4.2 Test Graph

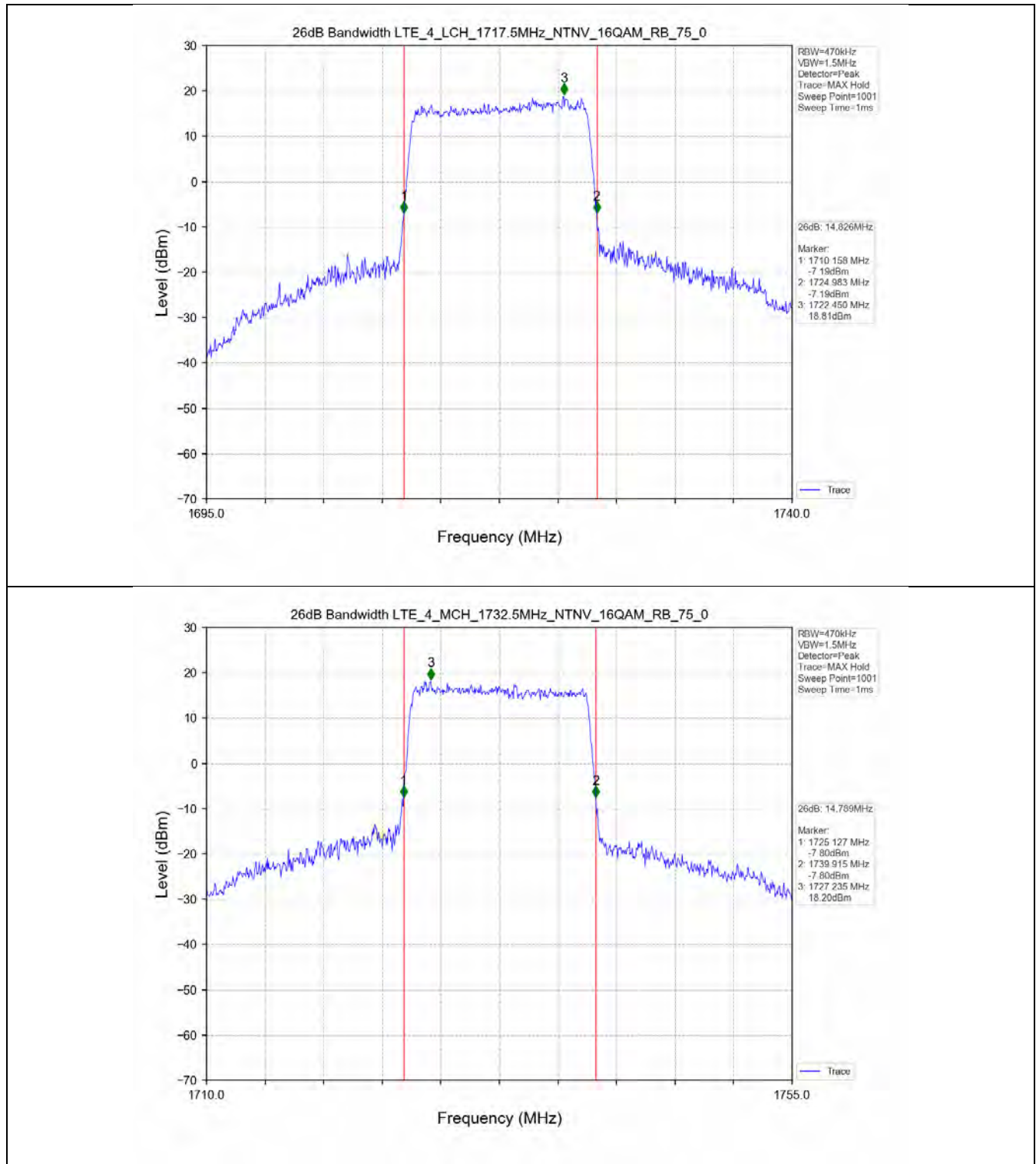


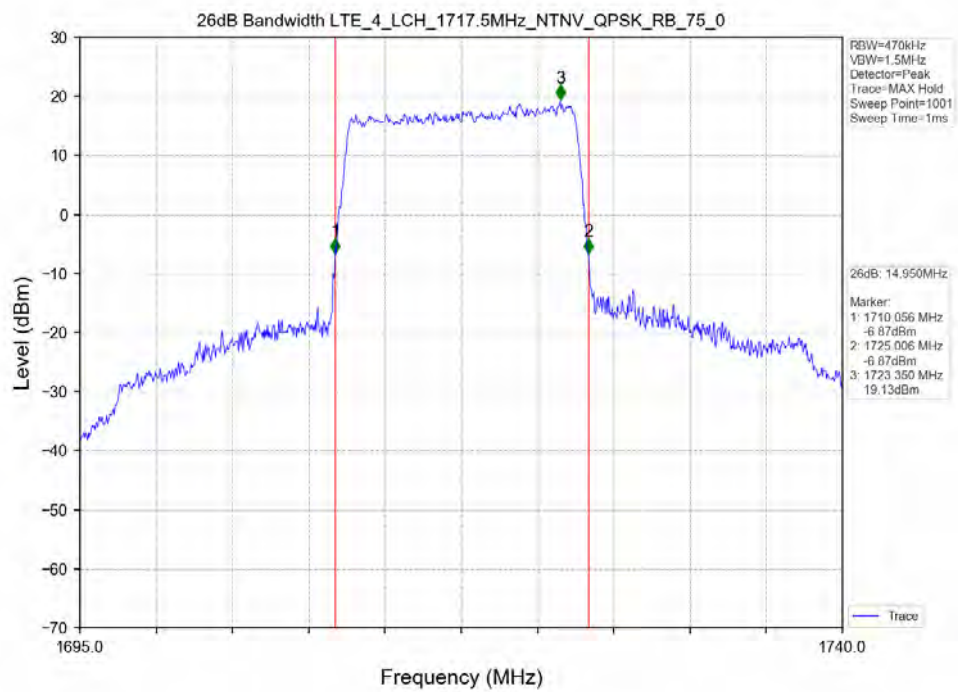
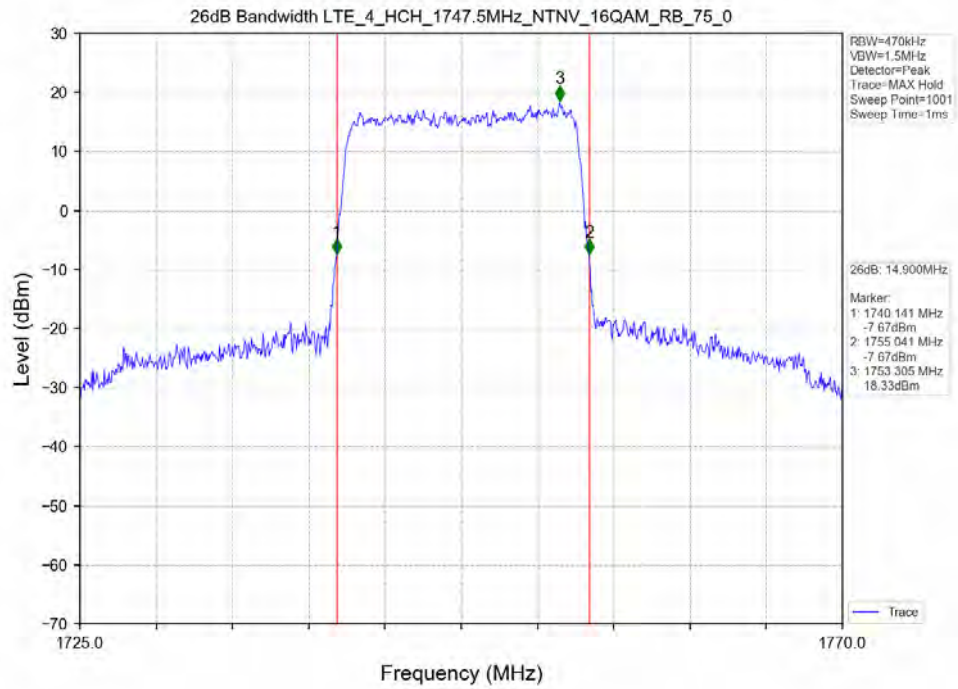


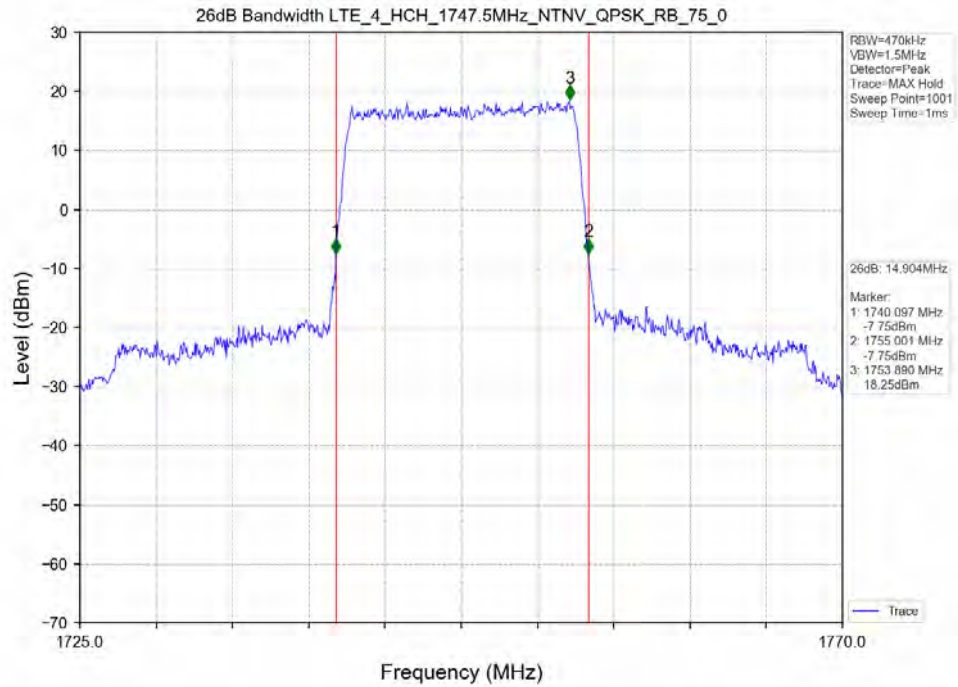
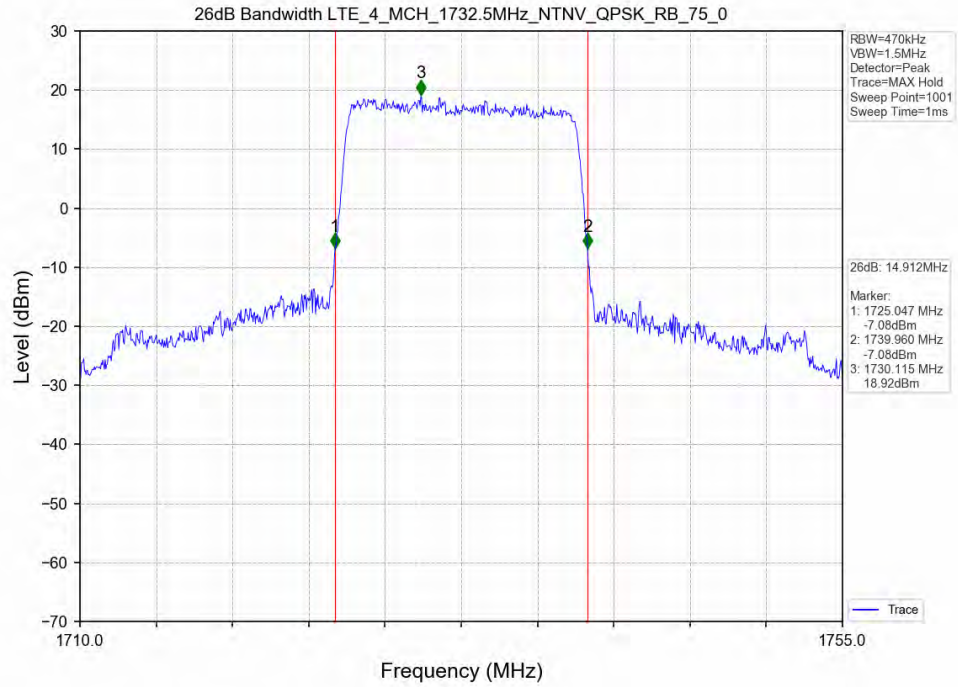


Test Band: 4 _15MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	14.950	14.912	14.904	N/A	PASS
16QAM	75	0	14.826	14.789	14.900	N/A	PASS

4.2 Test Graph



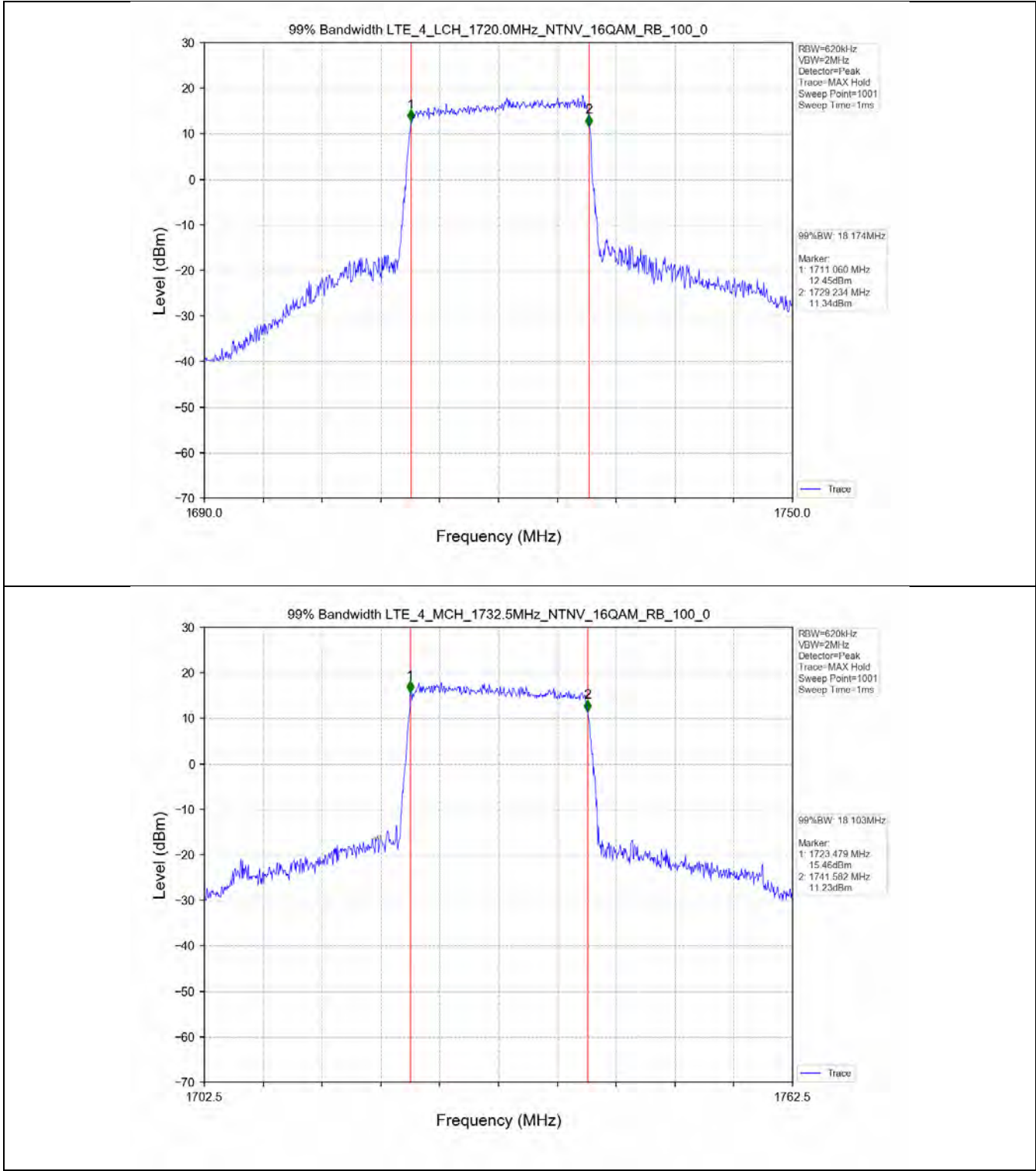


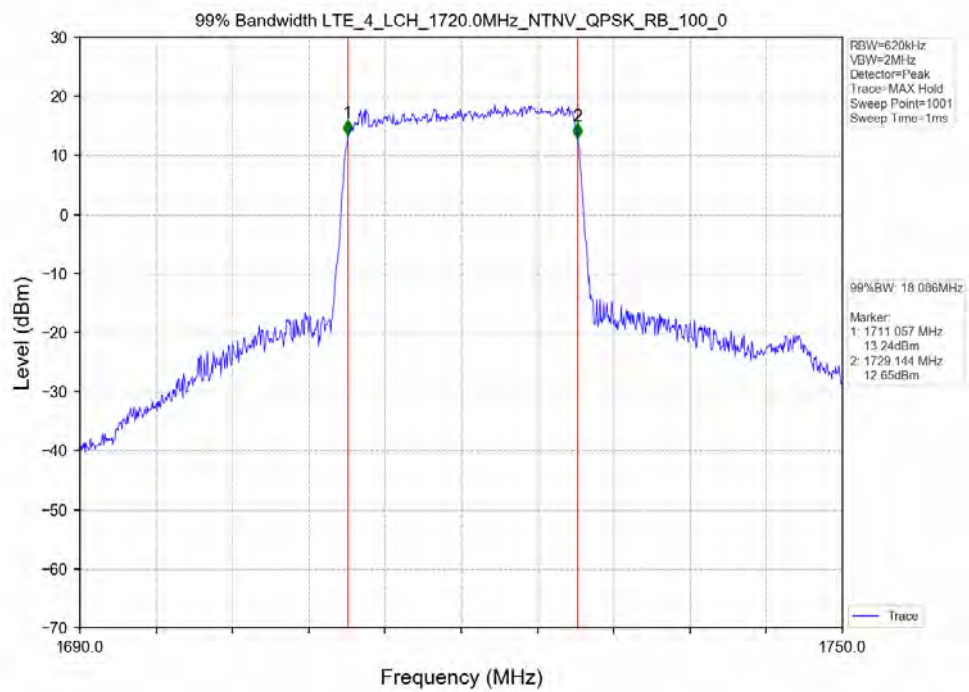
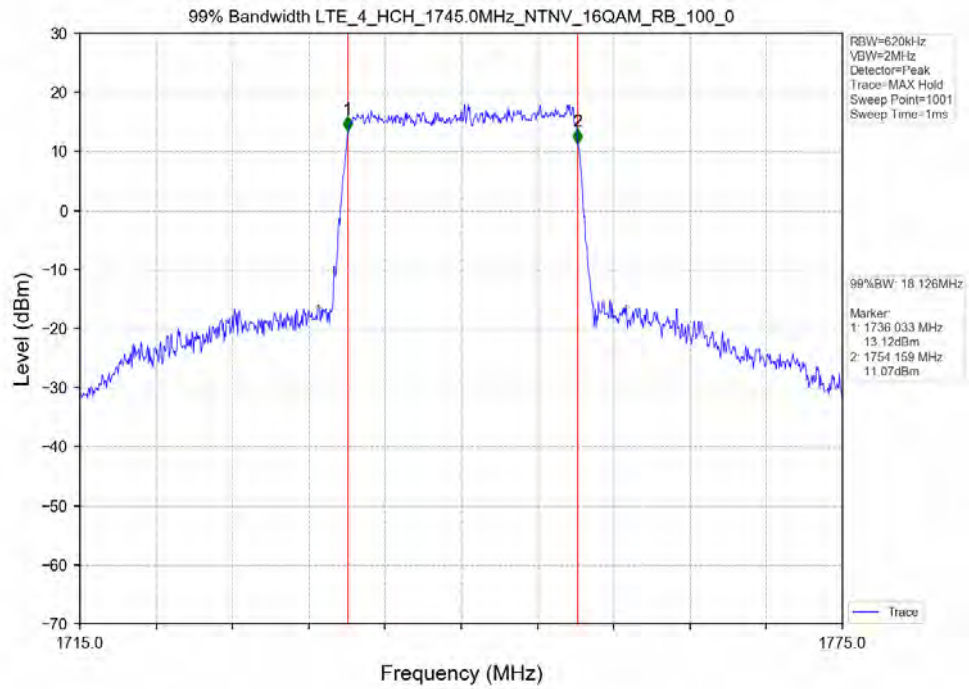


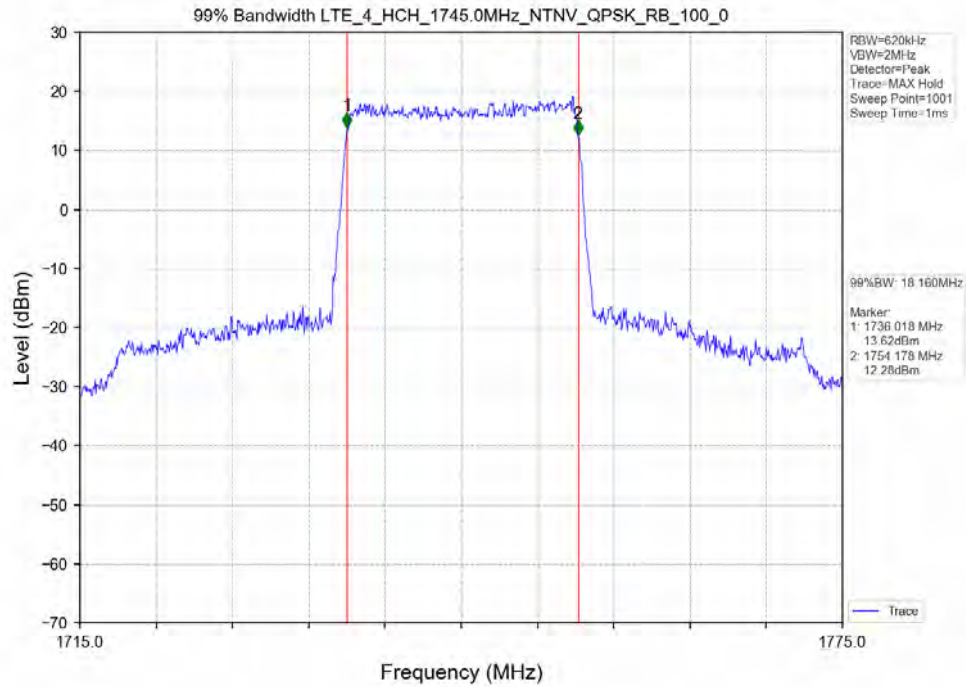
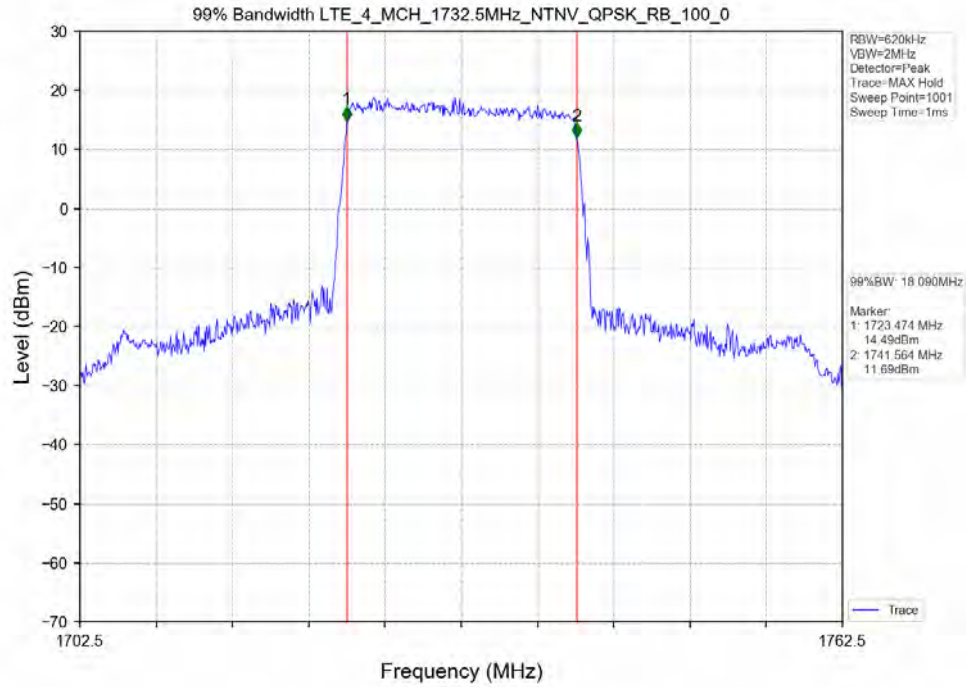
Test Band: 4_20MHz Bandwidth

Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	18.086	18.090	18.160	N/A	PASS
16QAM	100	0	18.174	18.103	18.126	N/A	PASS

4.2 Test Graph

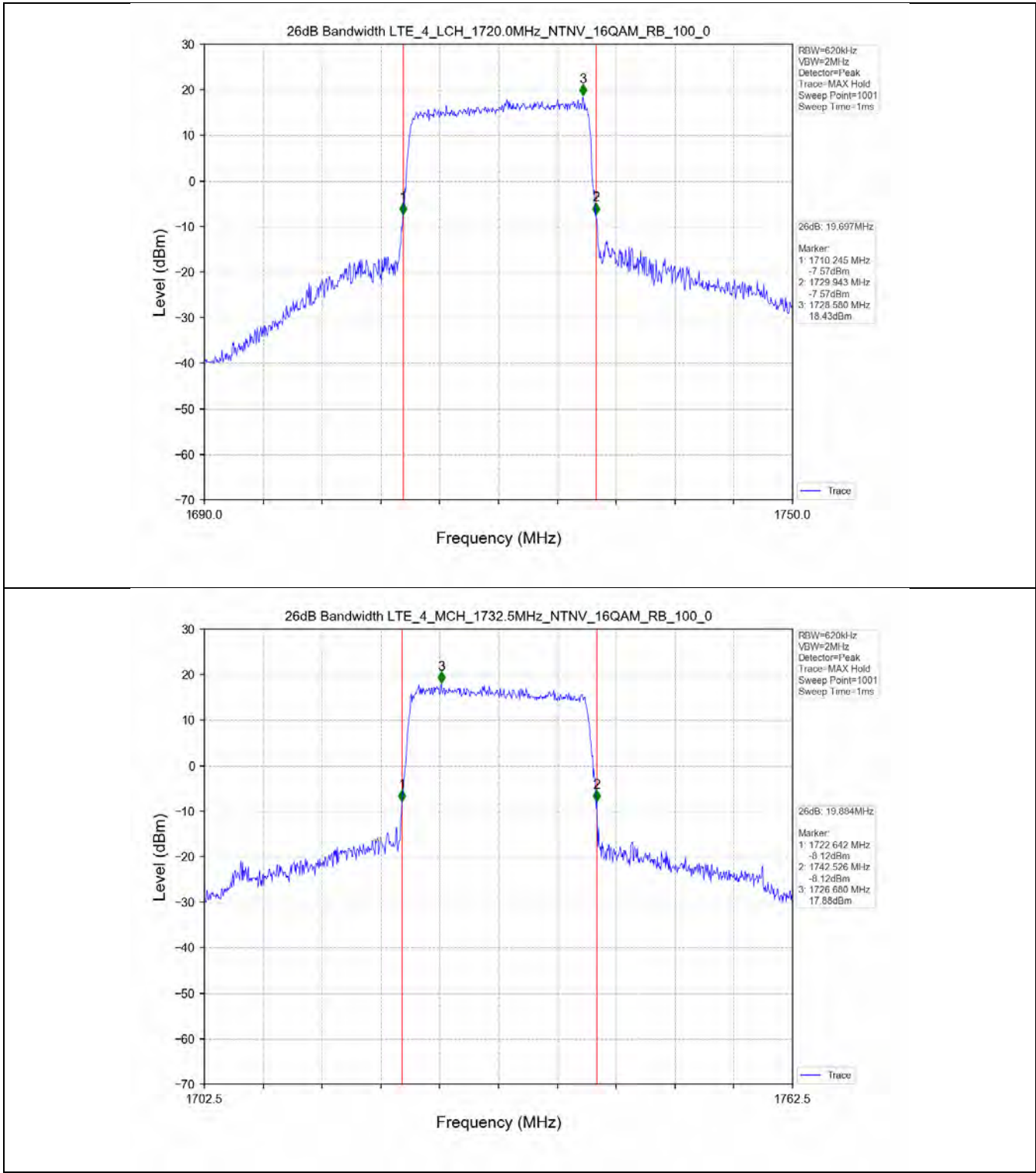


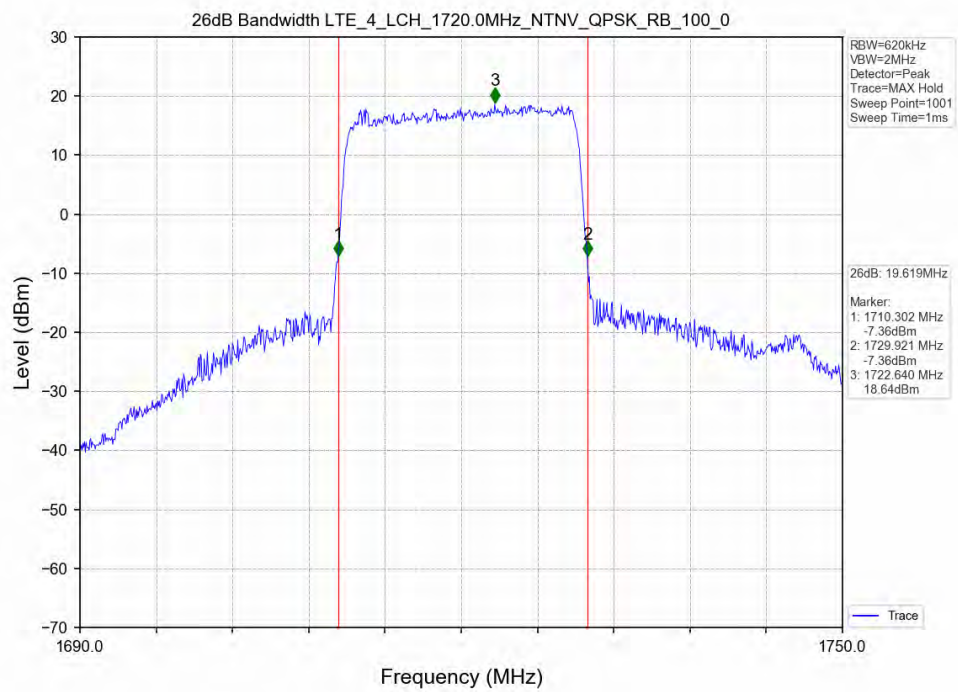
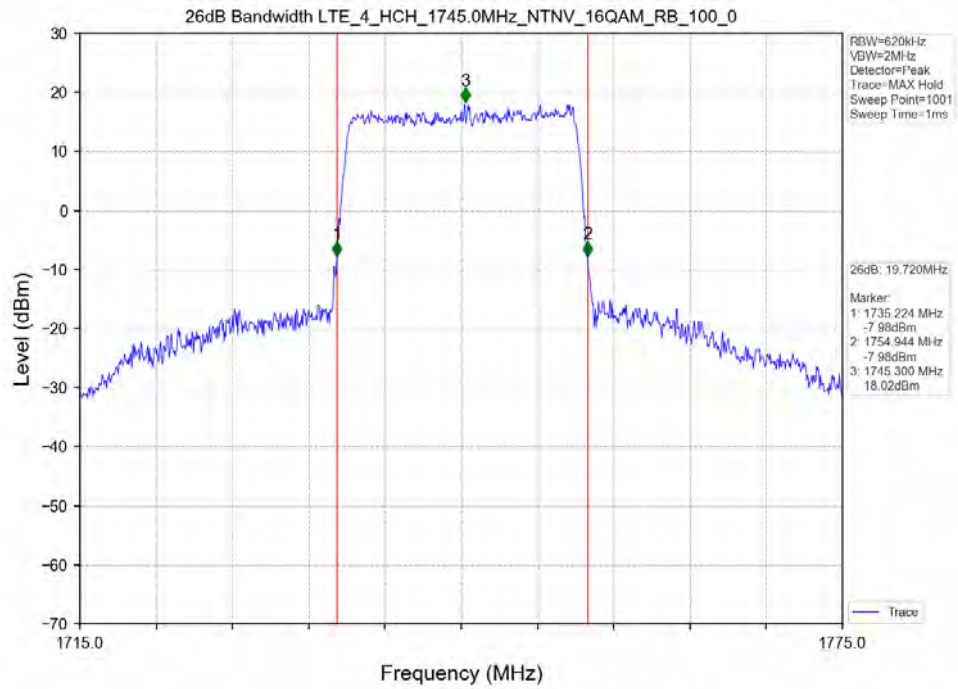


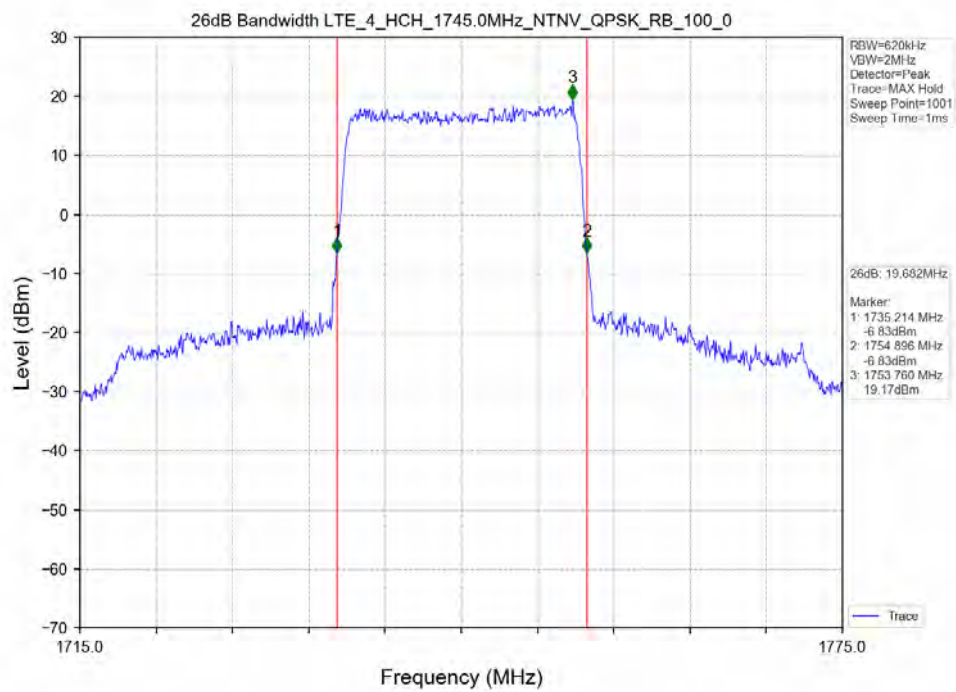
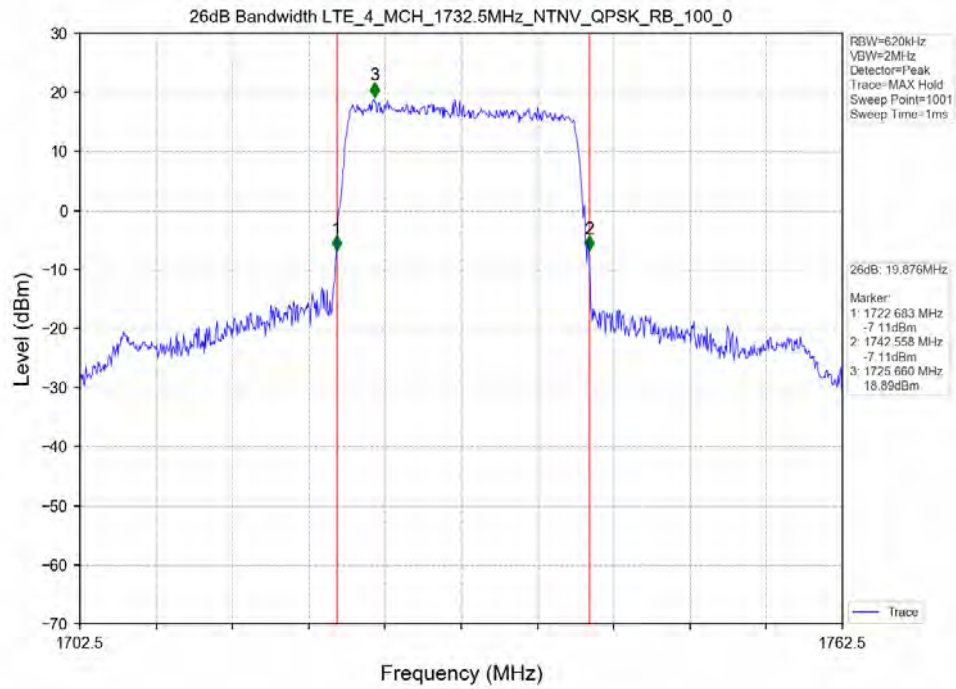


Test Band: 4_20MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	19.619	19.876	19.682	N/A	PASS
16QAM	100	0	19.697	19.884	19.720	N/A	PASS

4.2 Test Graph



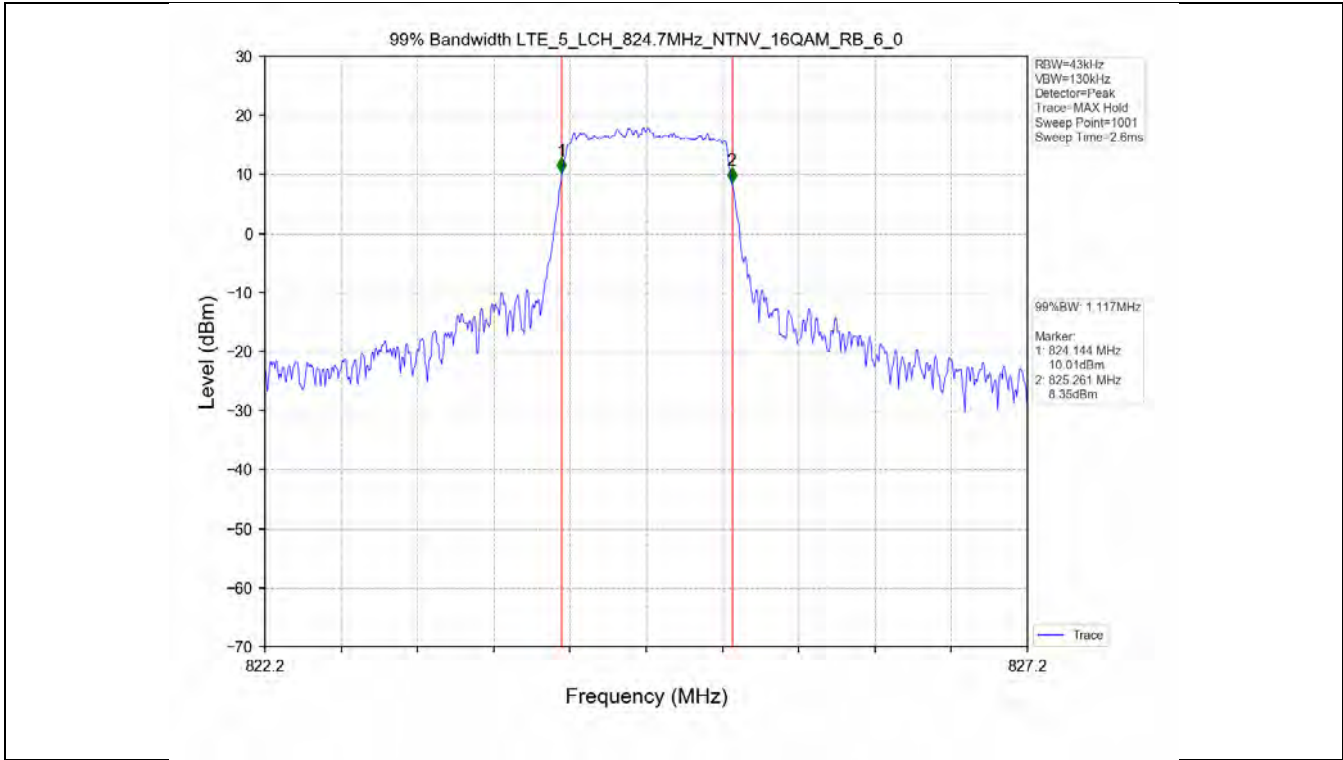


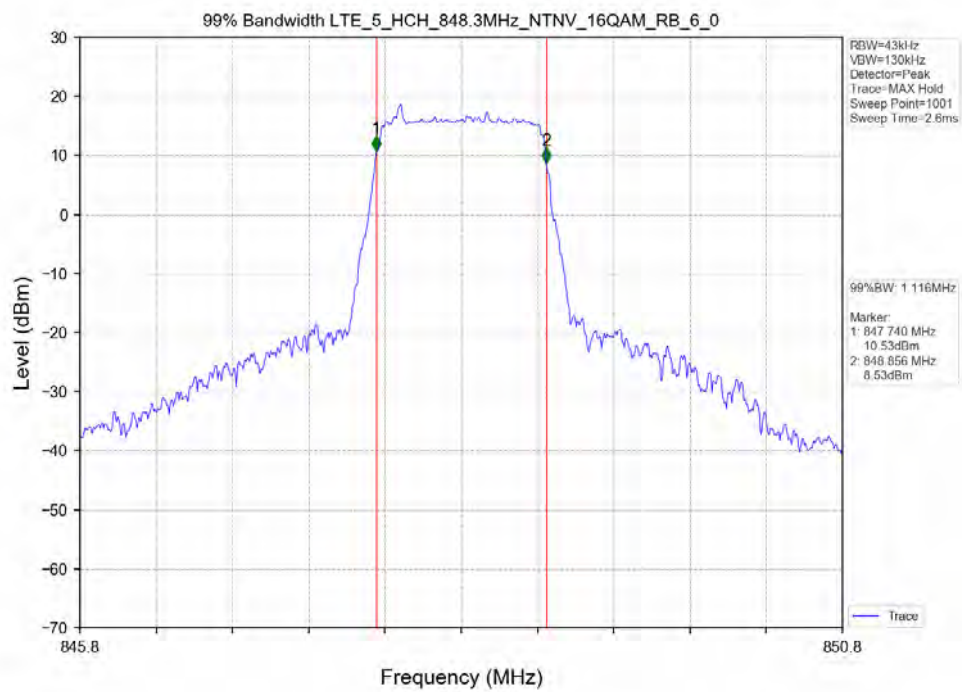
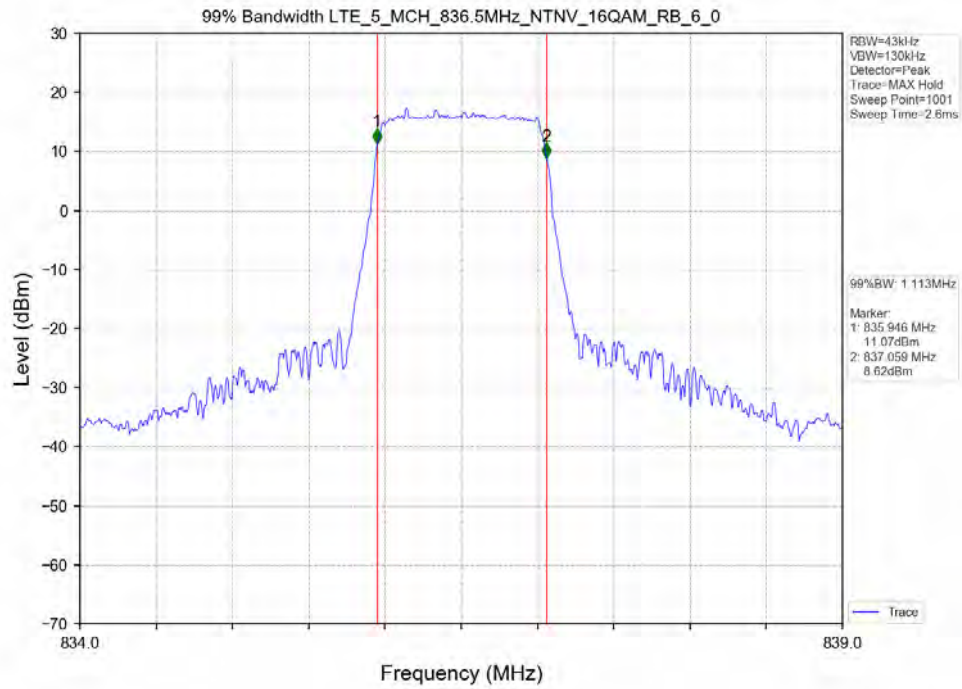


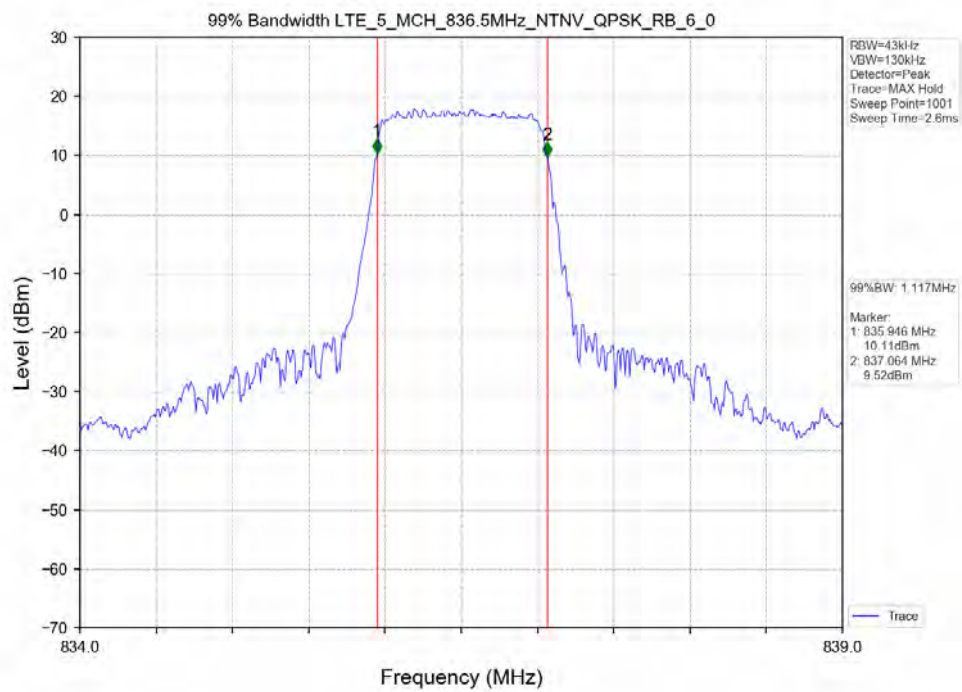
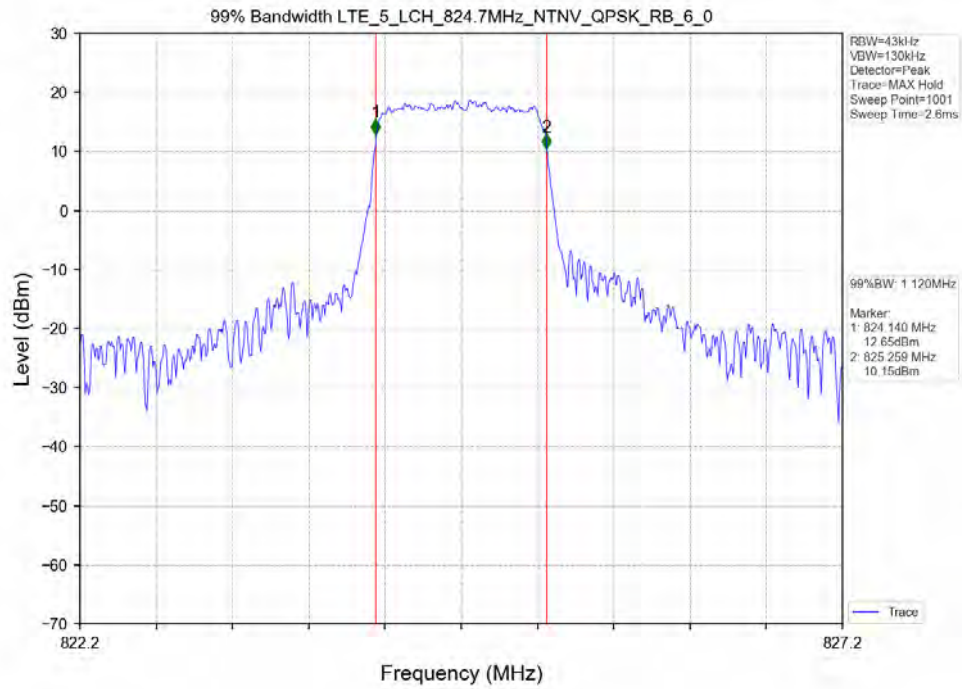
Band 5

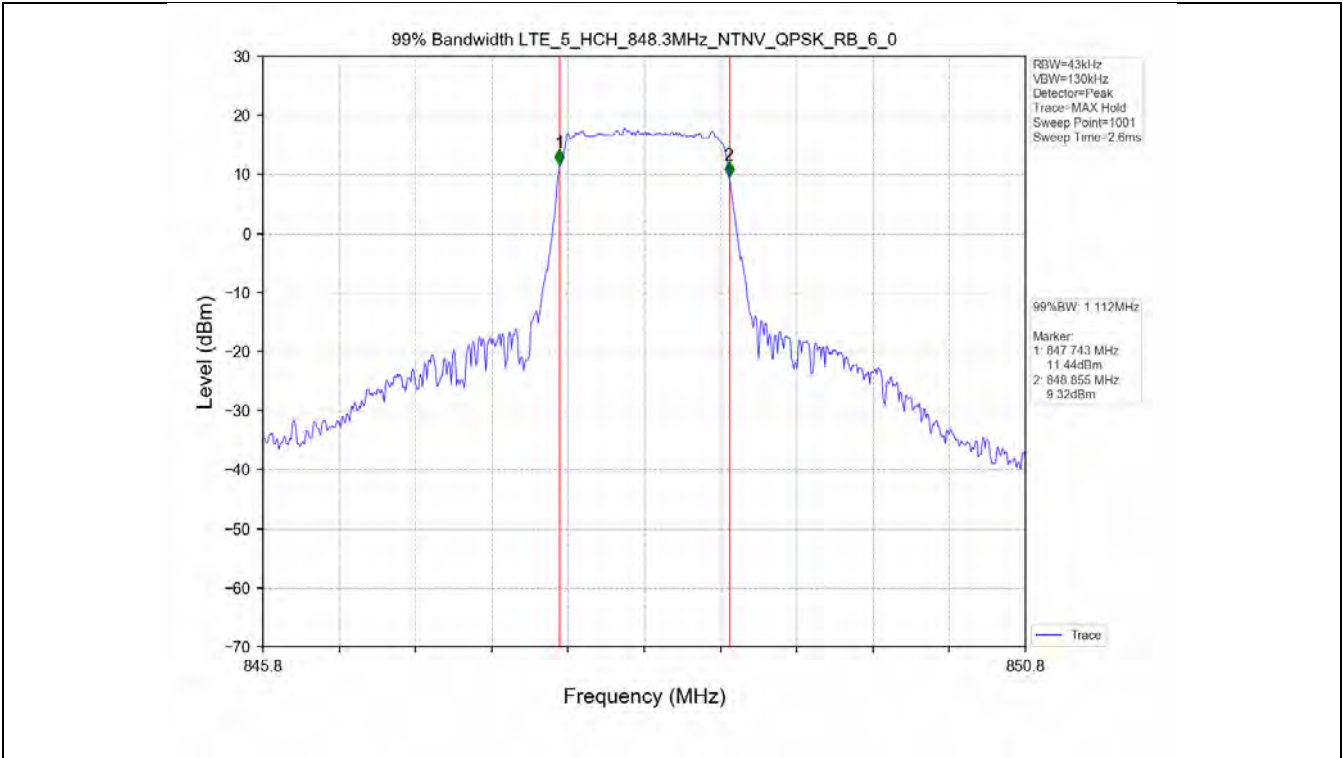
Test Band: 5 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.120	1.117	1.112	N/A	PASS
16QAM	6	0	1.117	1.113	1.116	N/A	PASS

4.2 Test Graph



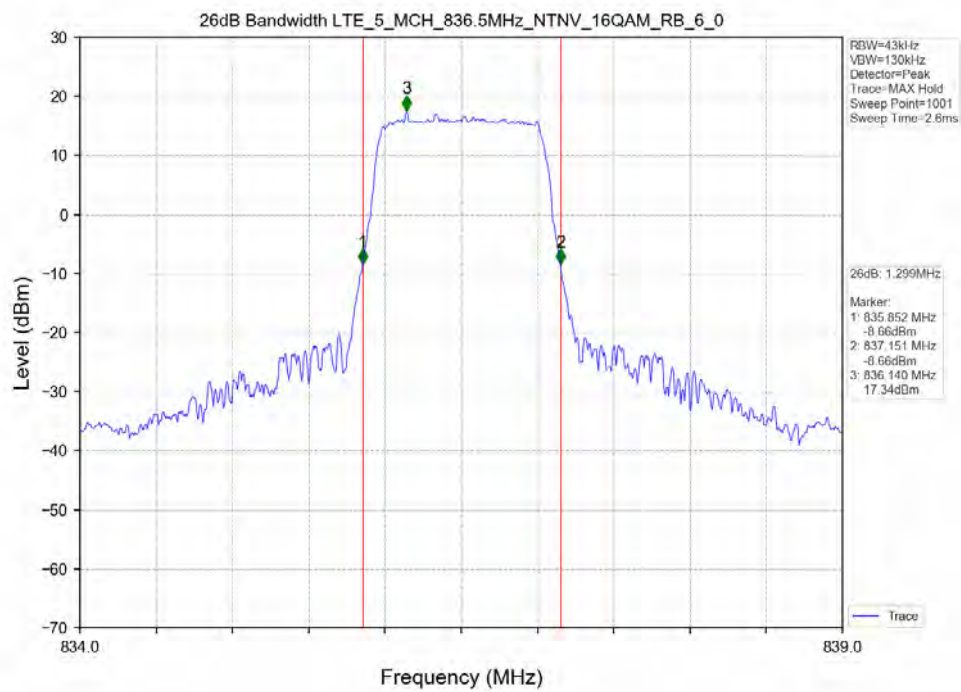
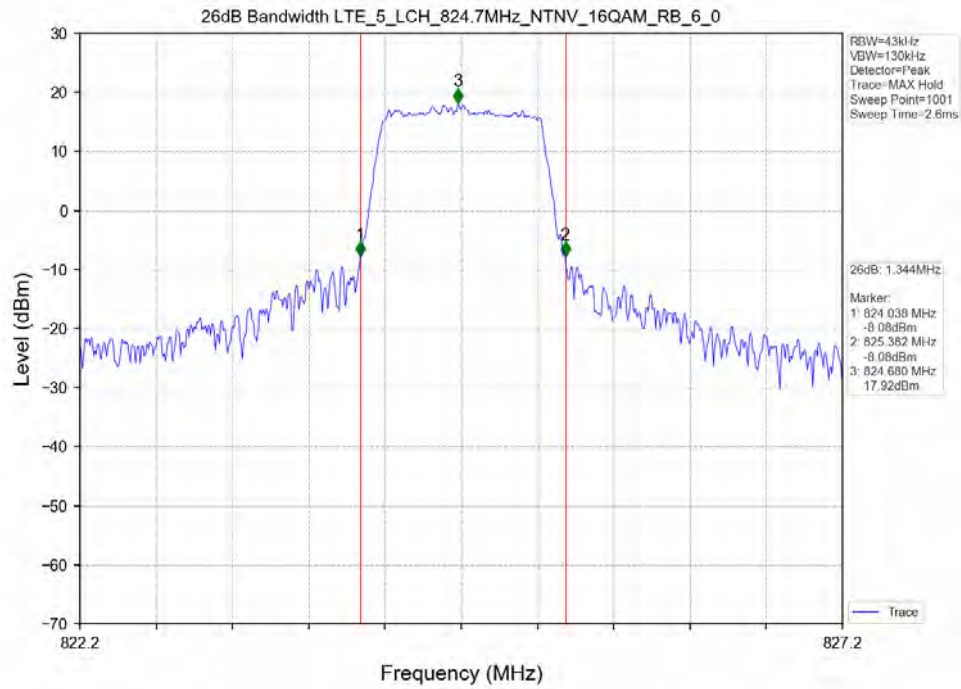


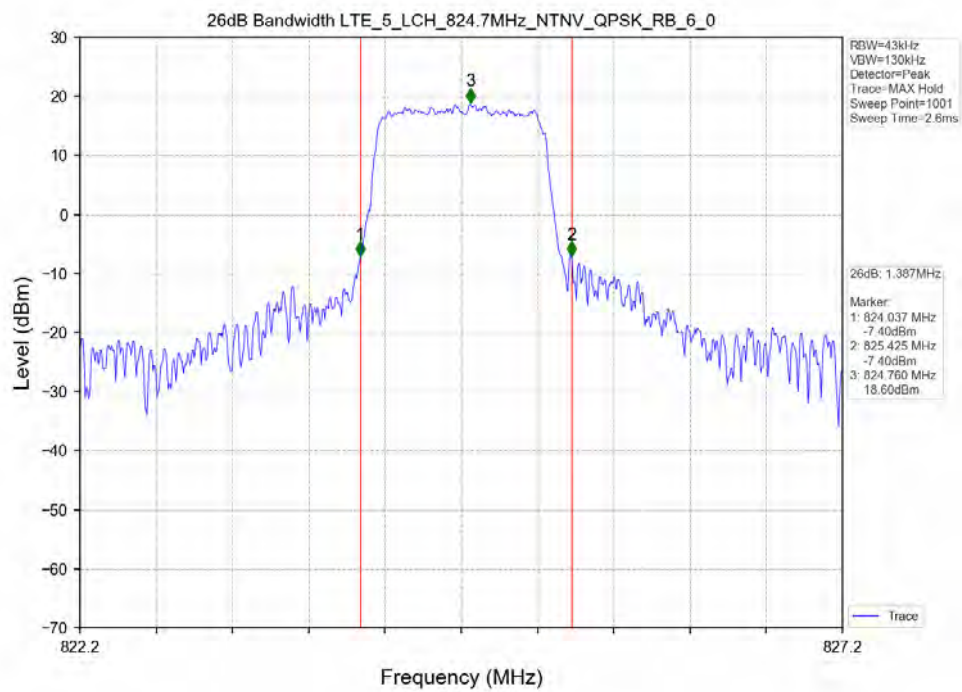
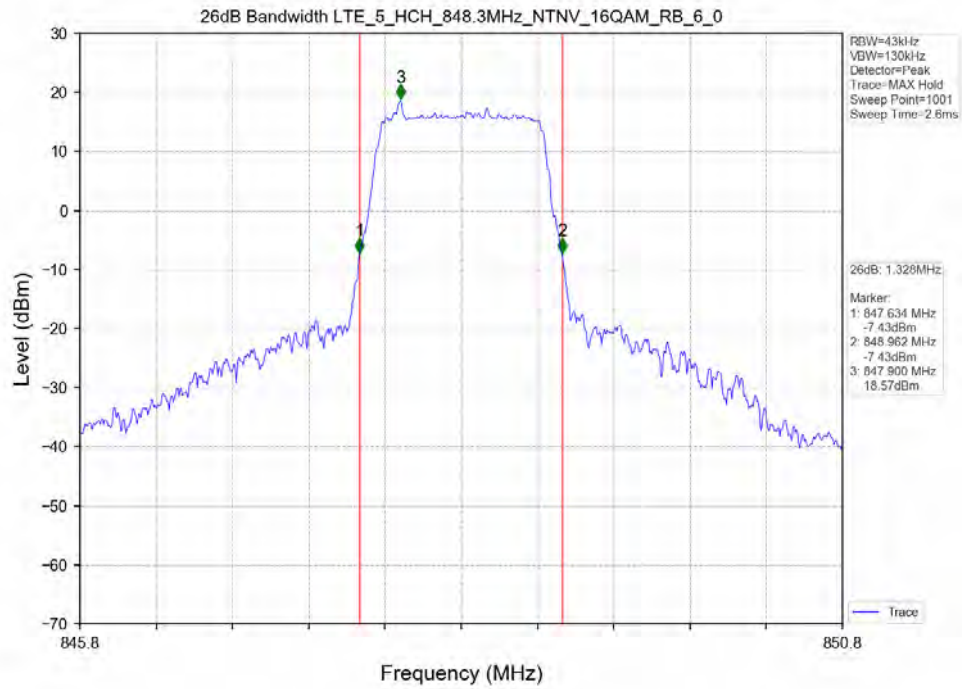


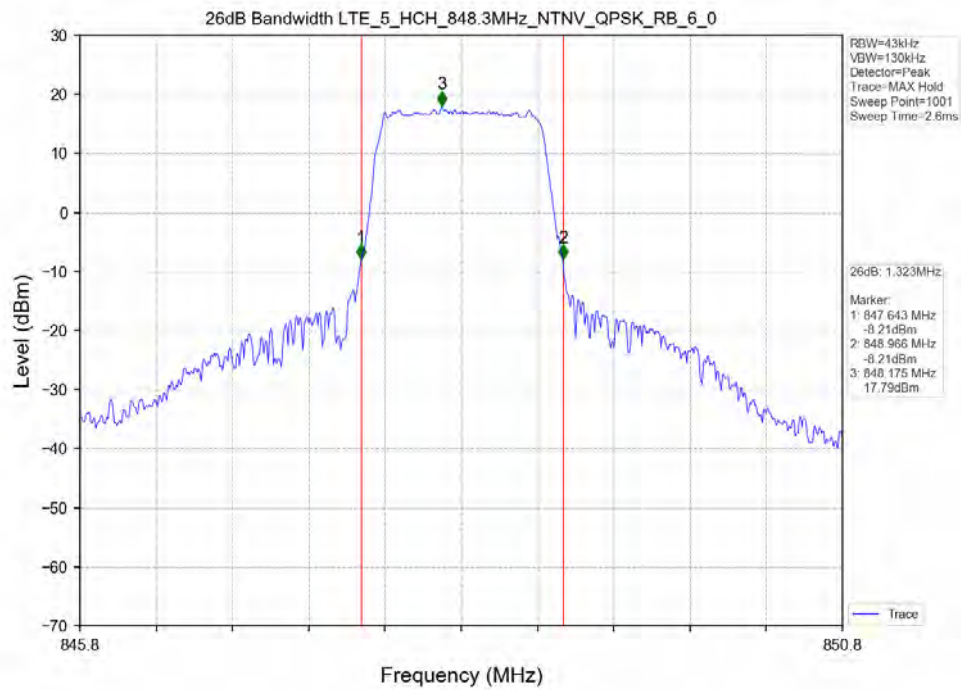
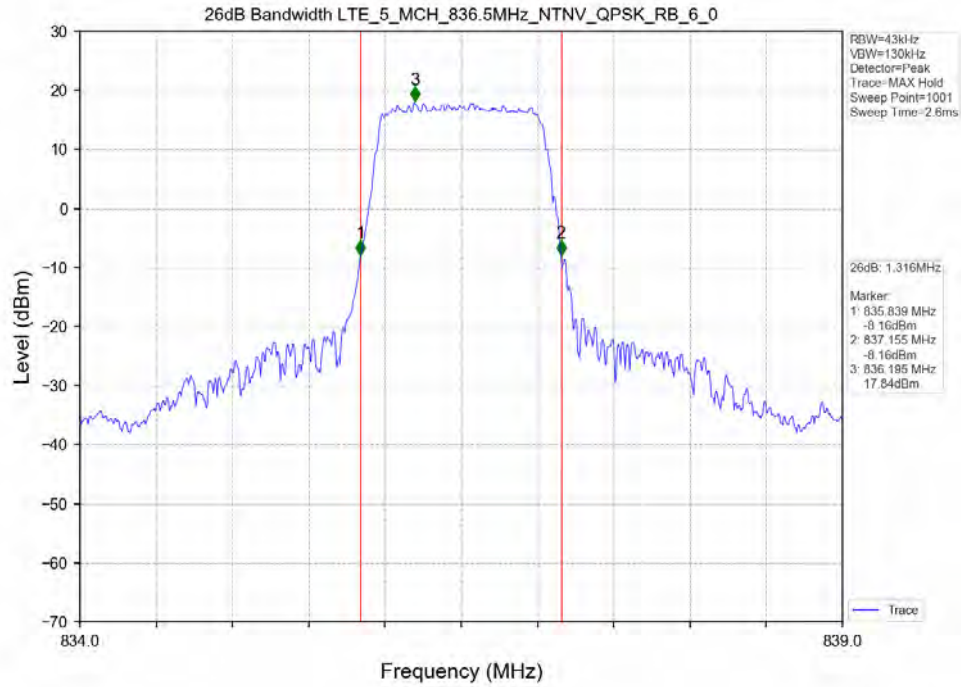


Test Band: 5_1.4MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.387	1.316	1.323	N/A	PASS
16QAM	6	0	1.344	1.299	1.328	N/A	PASS

4.2 Test Graph

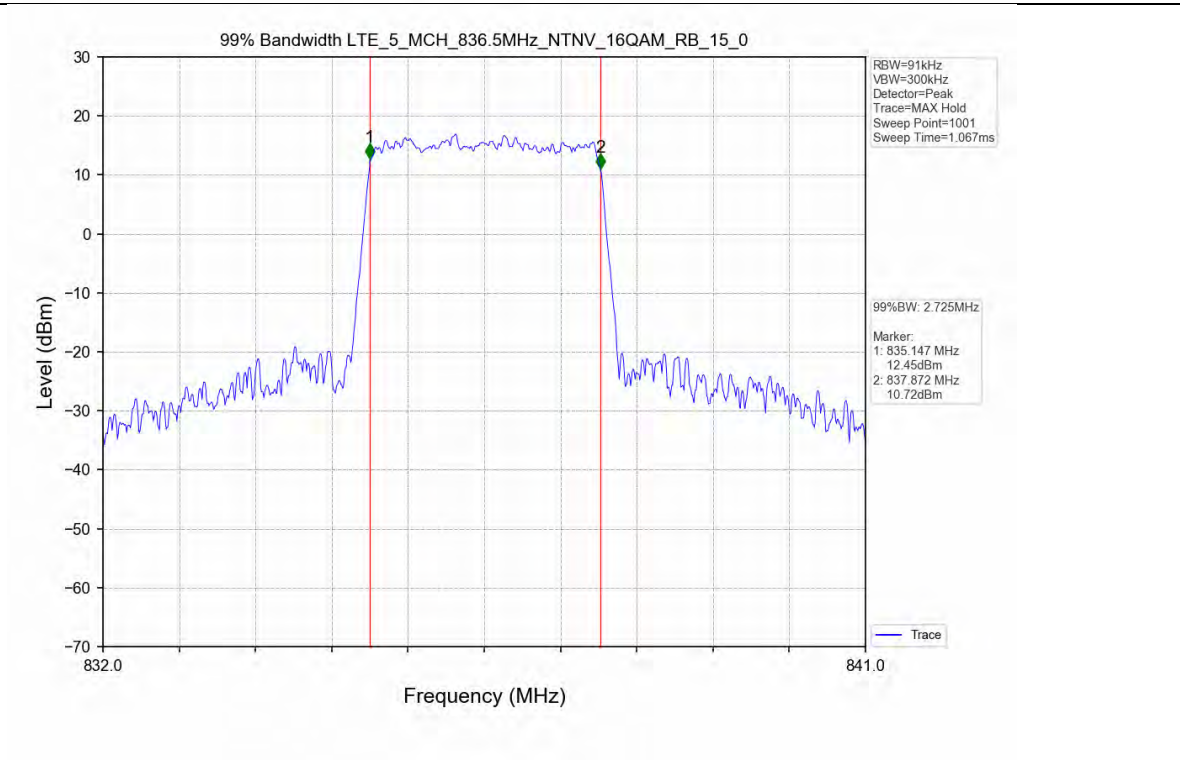
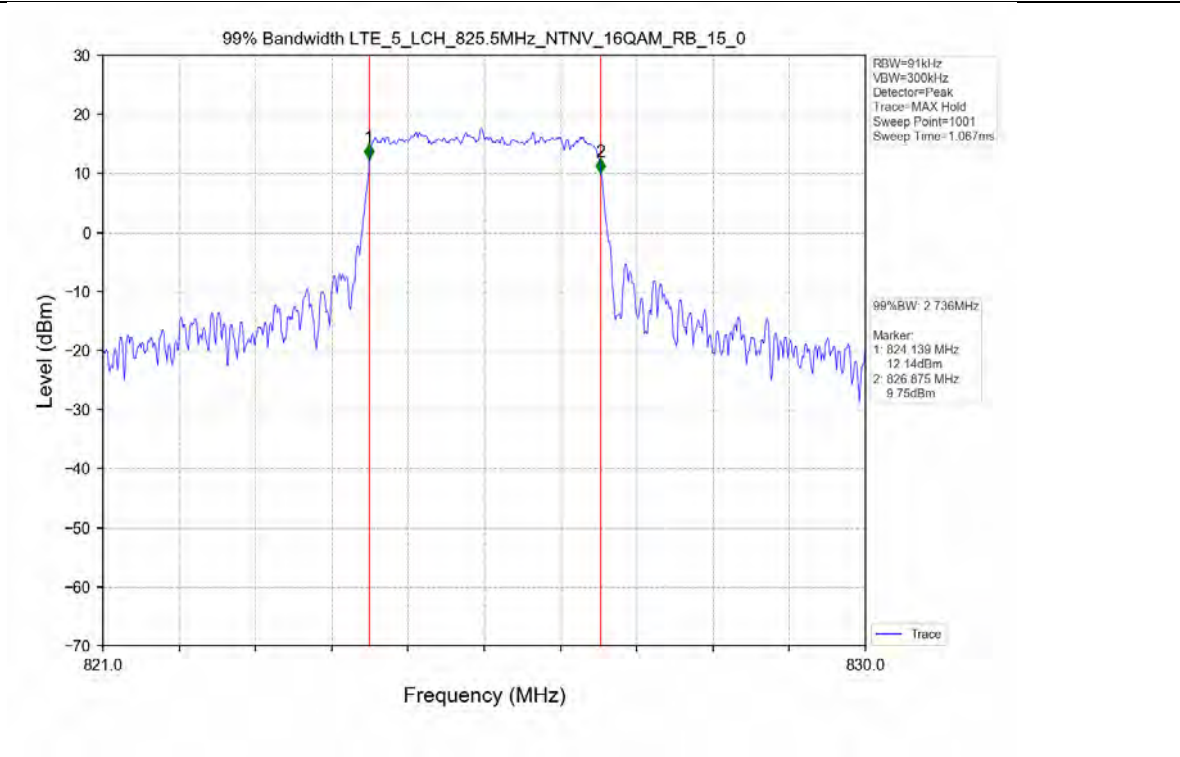


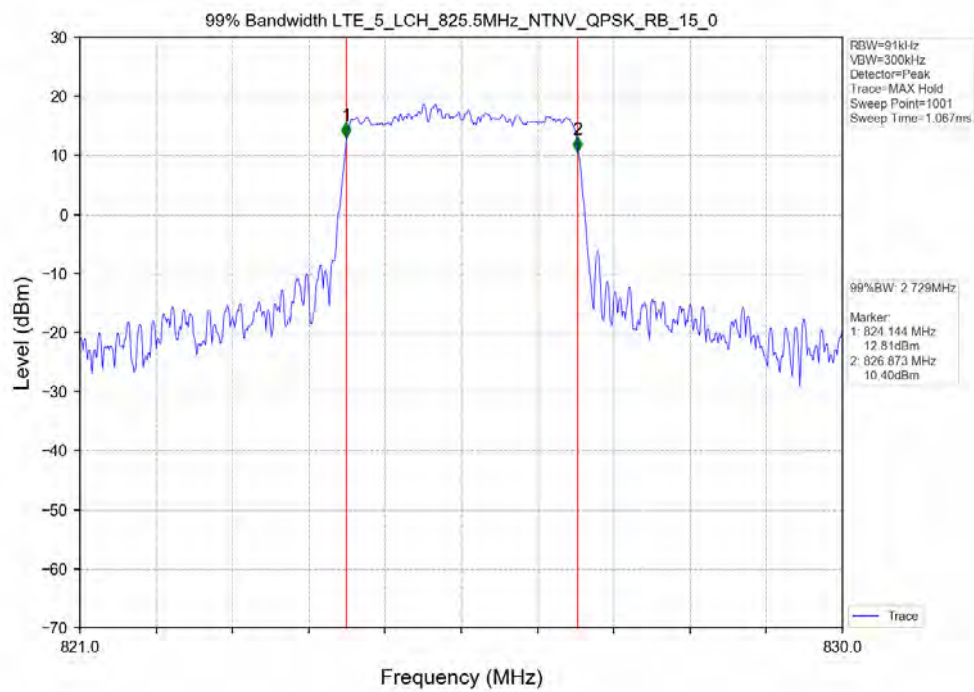
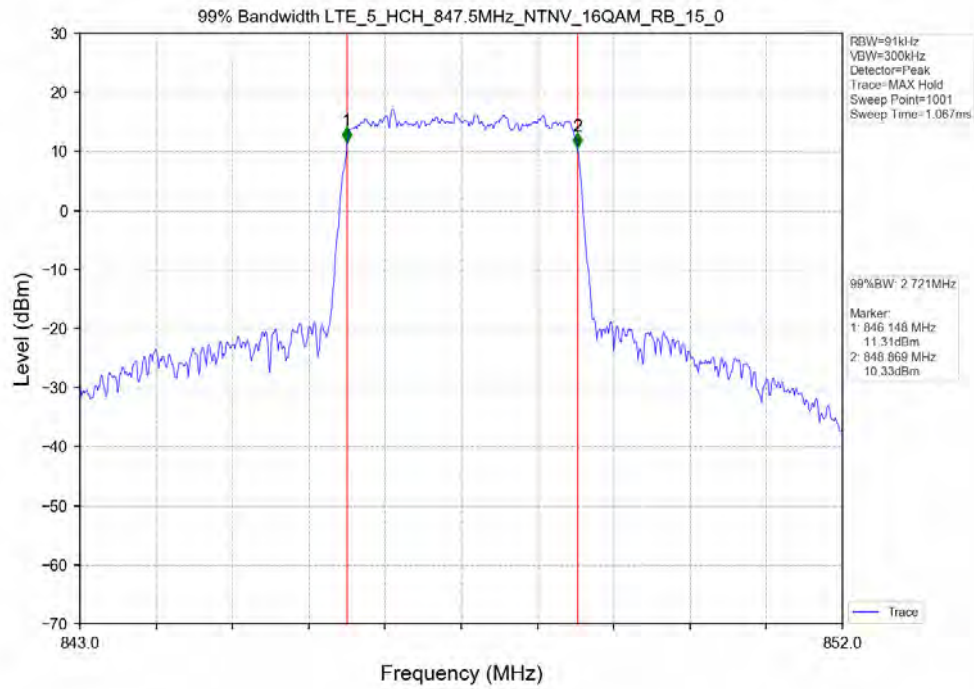


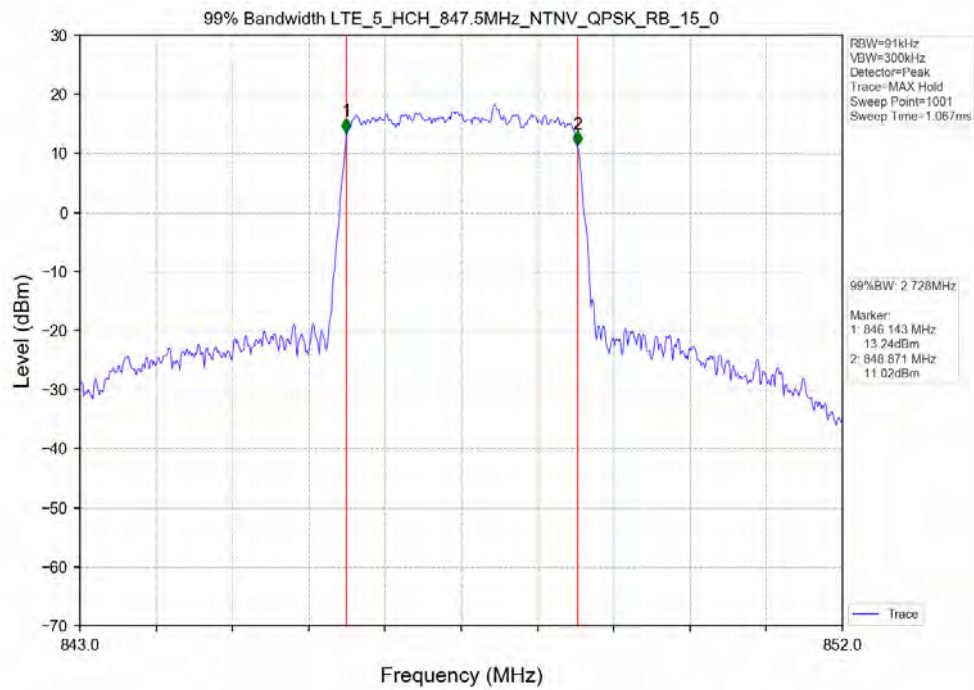
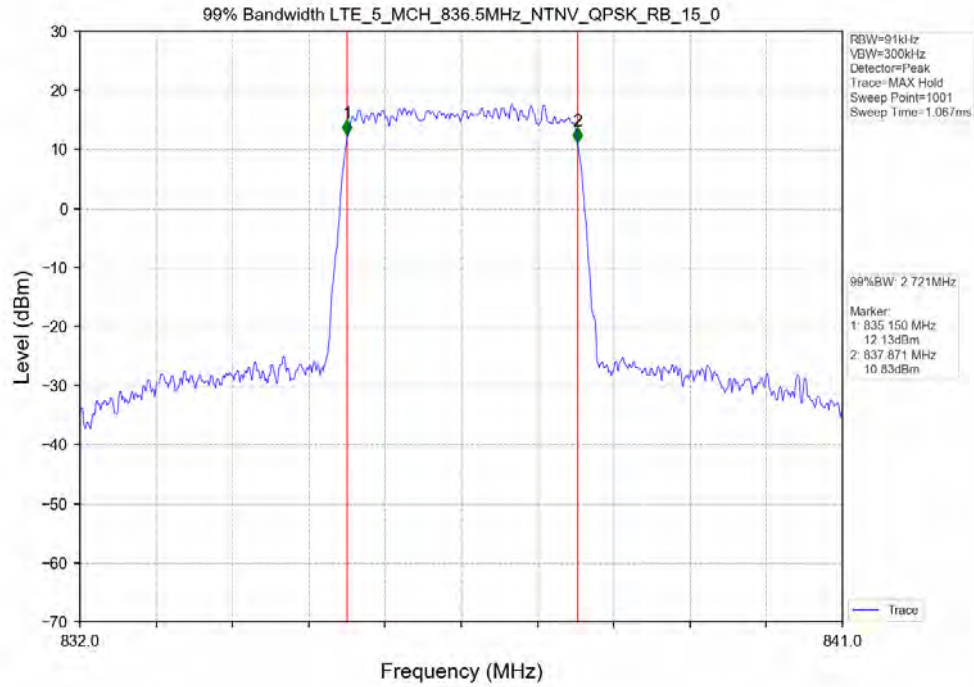


Test Band: 5_3MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.729	2.721	2.728	N/A	PASS
16QAM	15	0	2.736	2.725	2.721	N/A	PASS

4.2 Test Graph

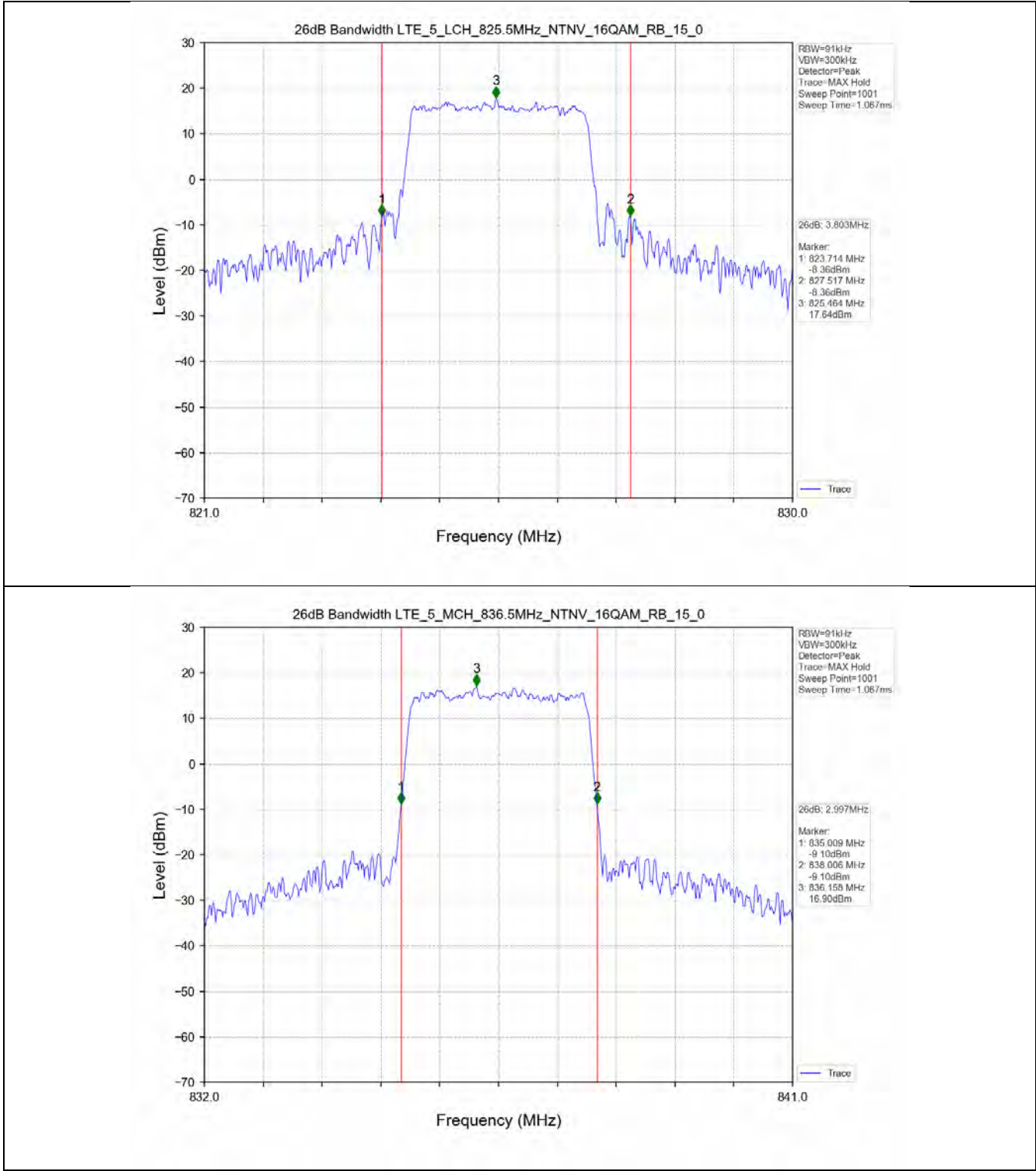


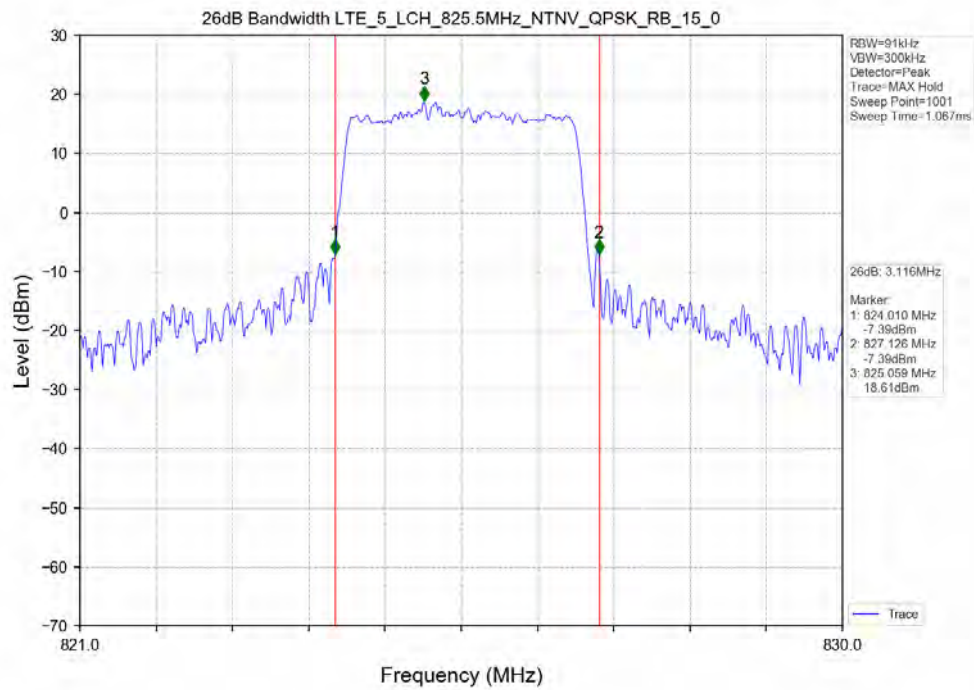
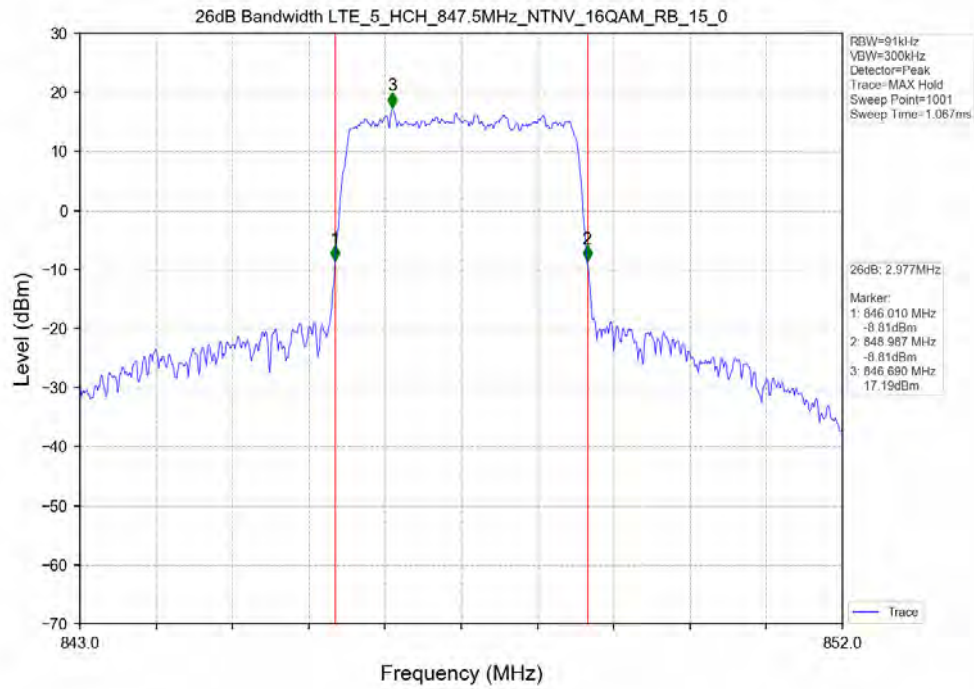


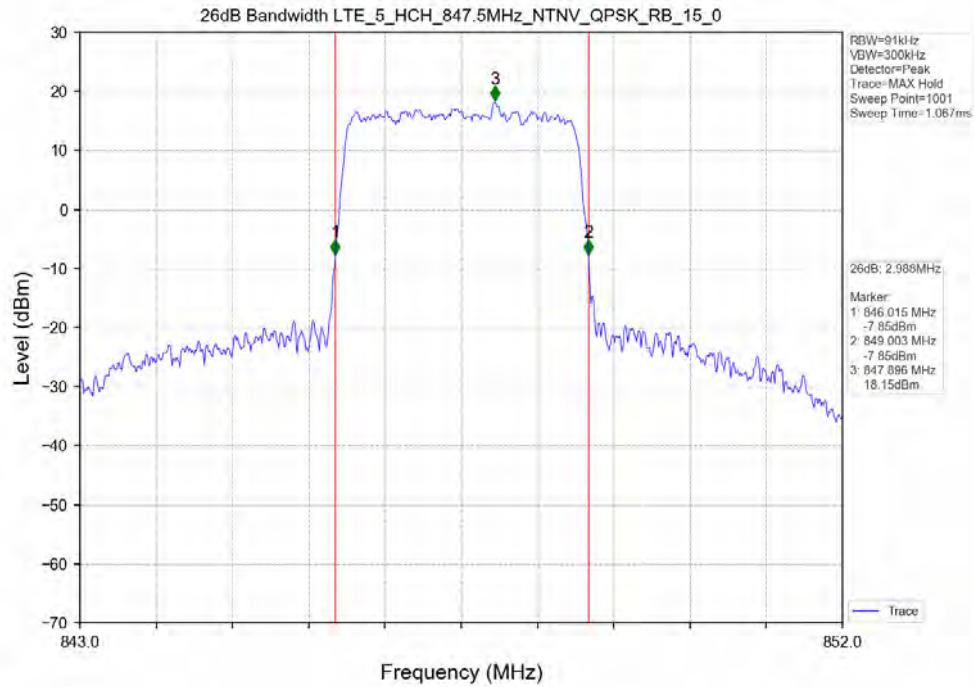
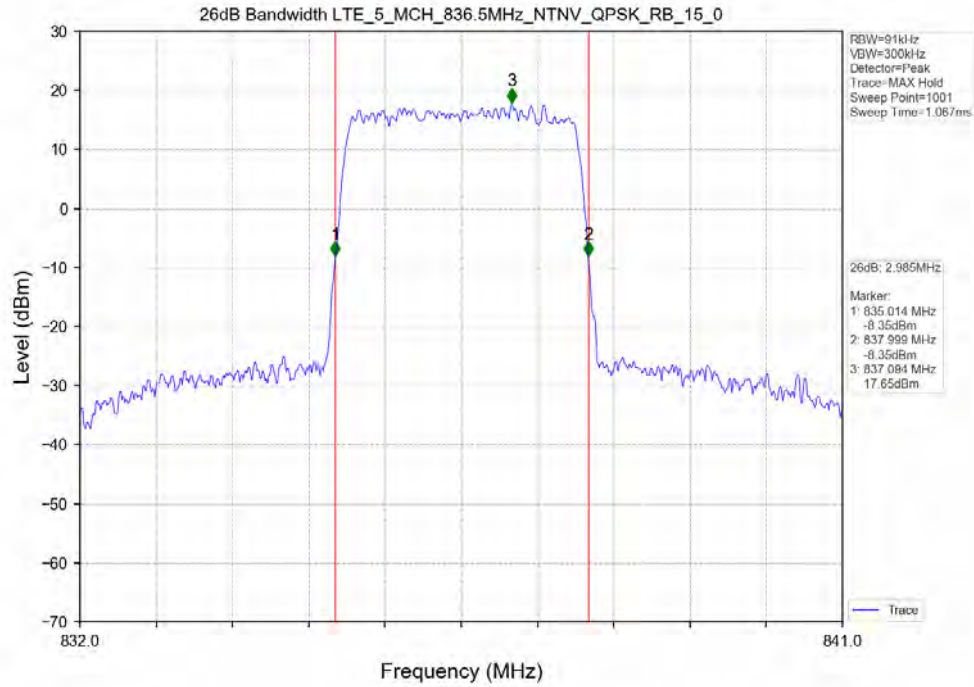


Test Band: 5_3MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	3.116	2.985	2.988	N/A	PASS
16QAM	15	0	3.803	2.997	2.977	N/A	PASS

4.2 Test Graph

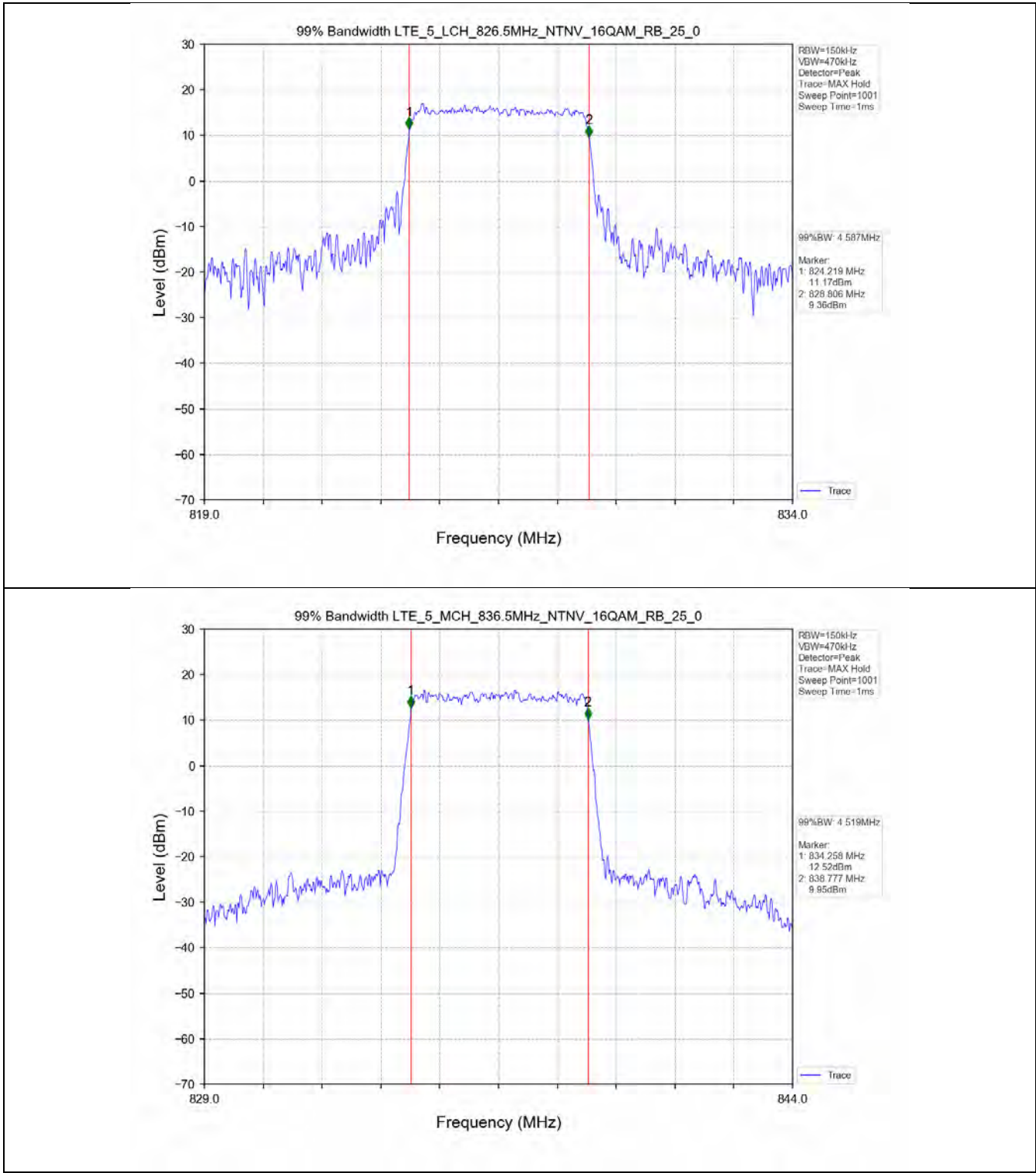


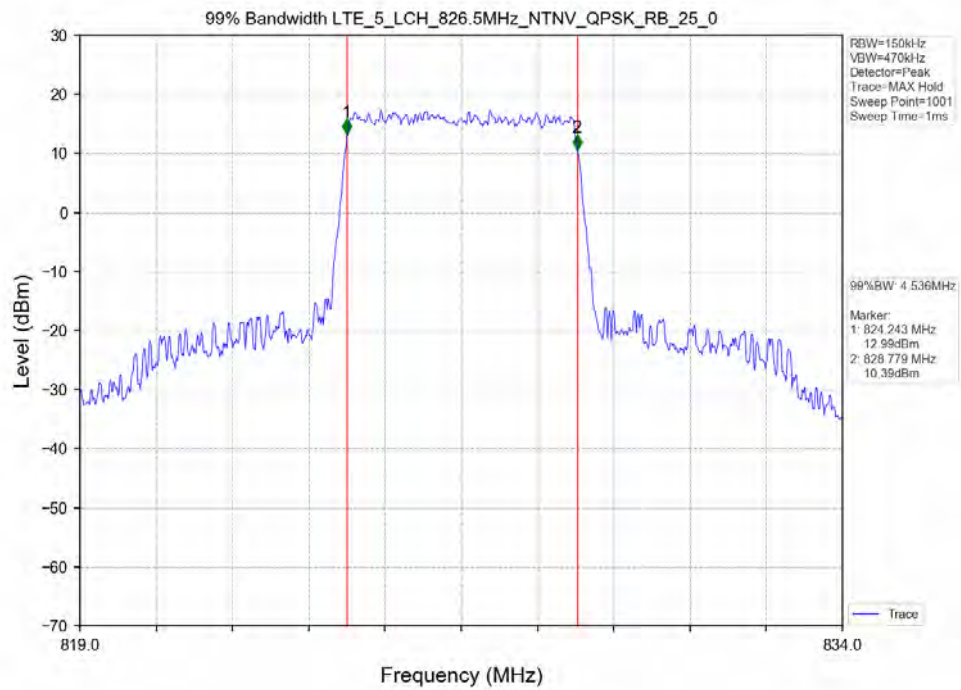
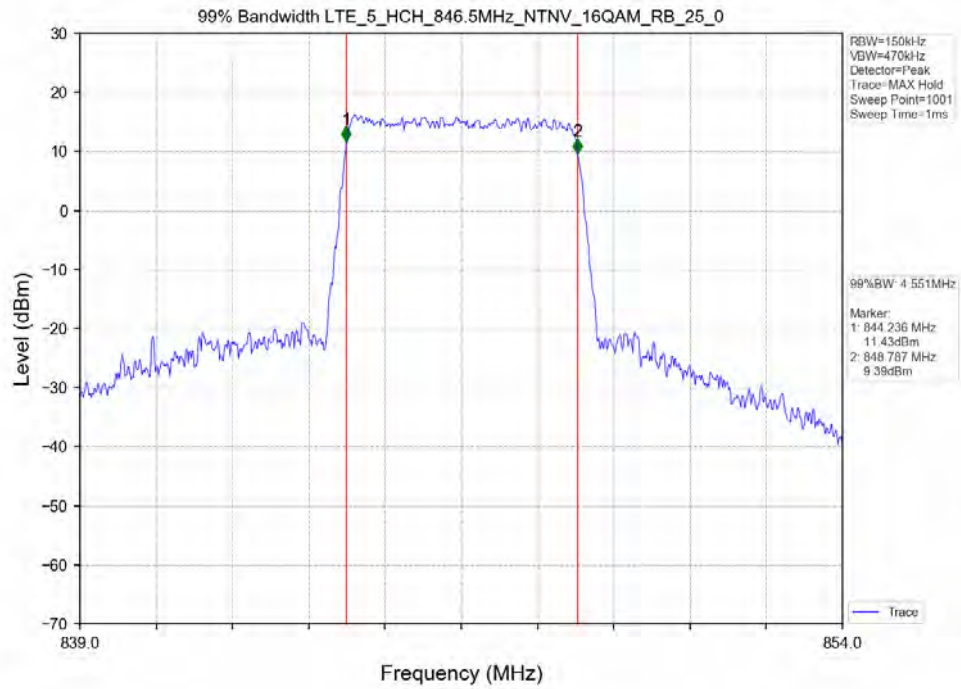


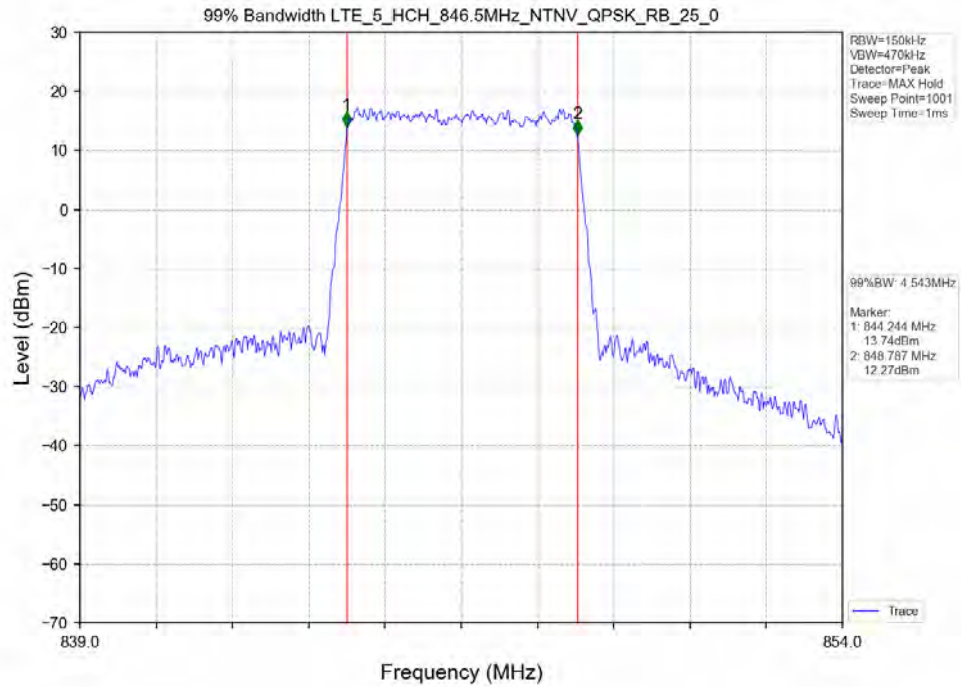
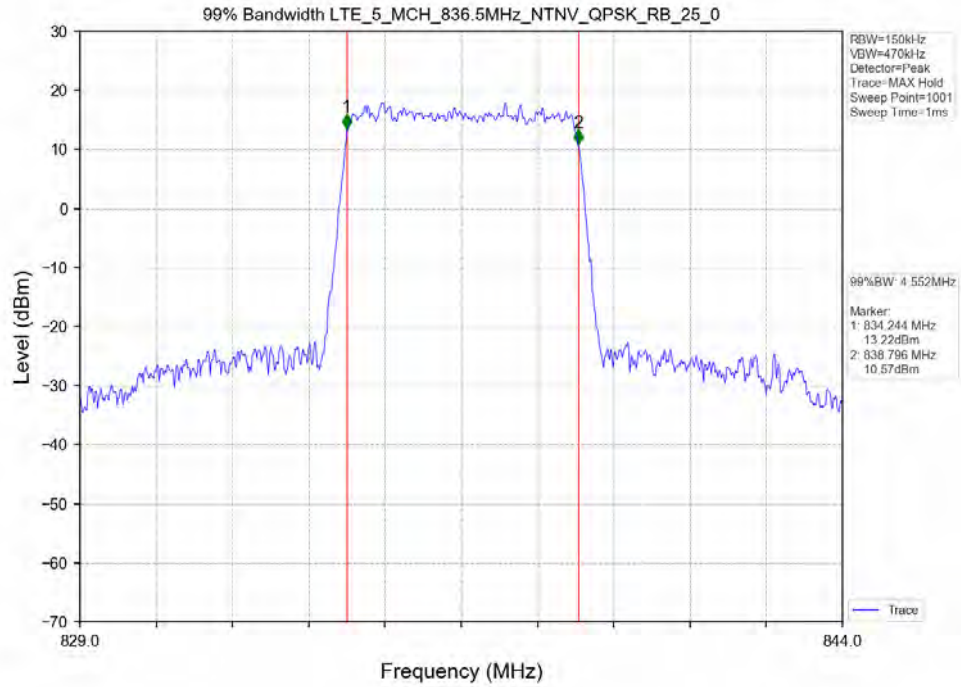


Test Band: 5_5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.536	4.552	4.543	N/A	PASS
16QAM	25	0	4.587	4.519	4.551	N/A	PASS

4.2 Test Graph

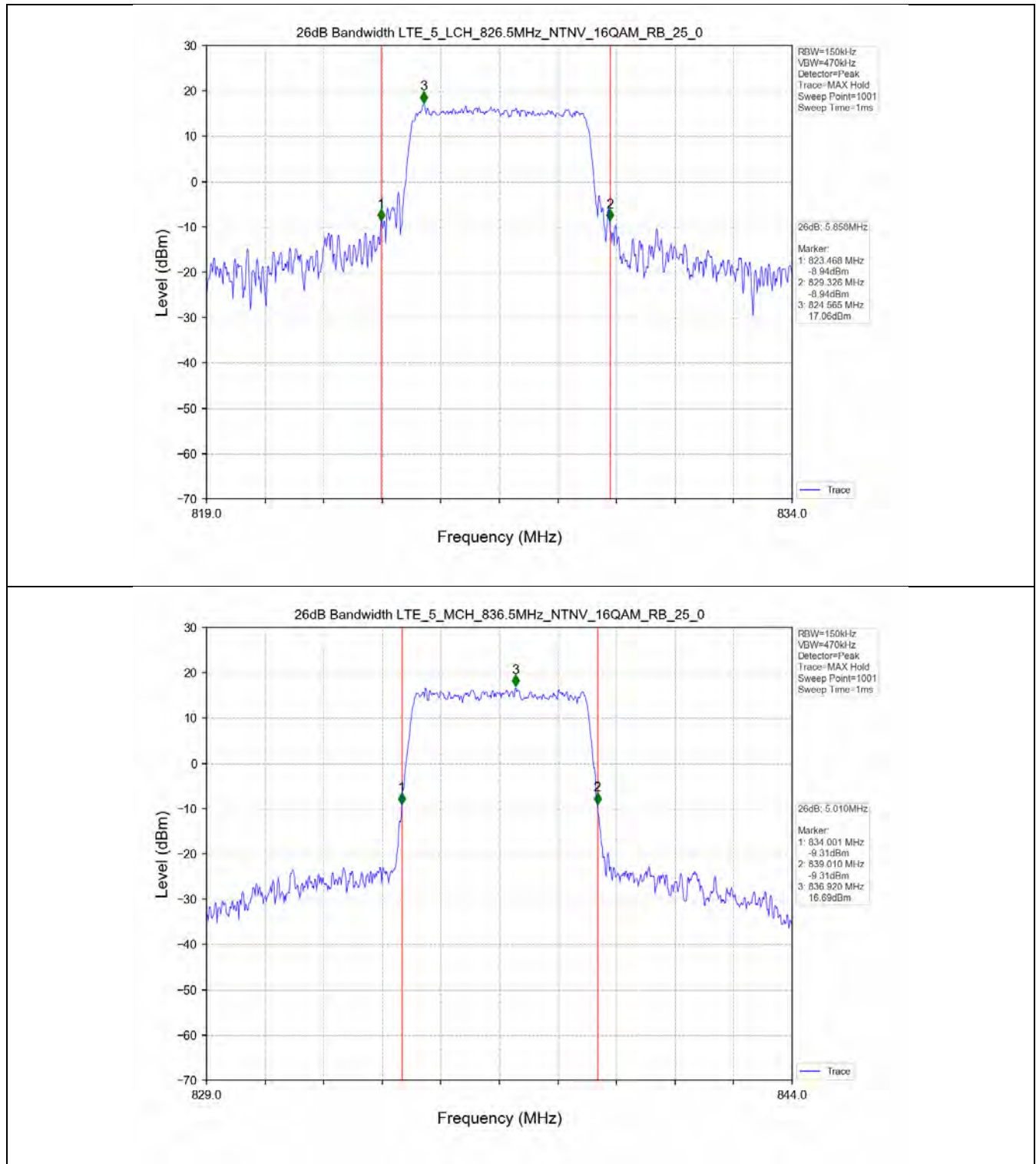


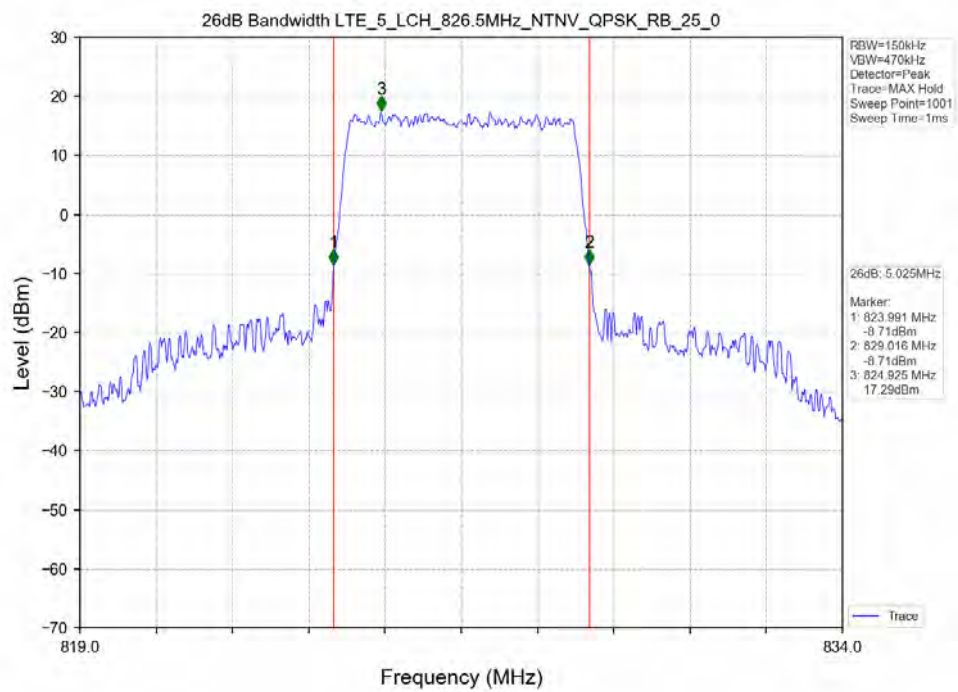
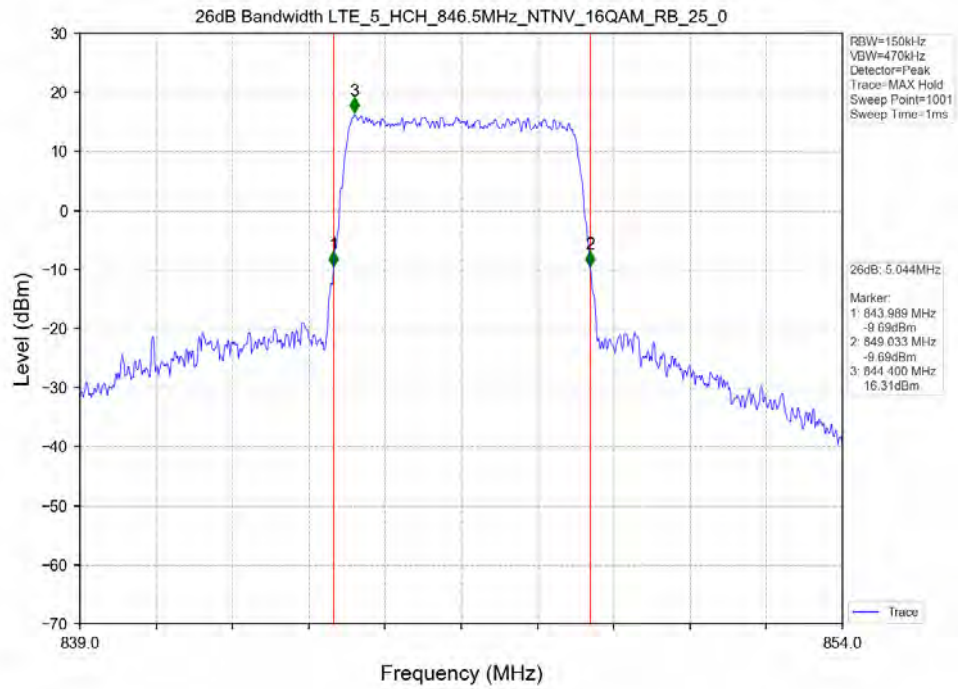


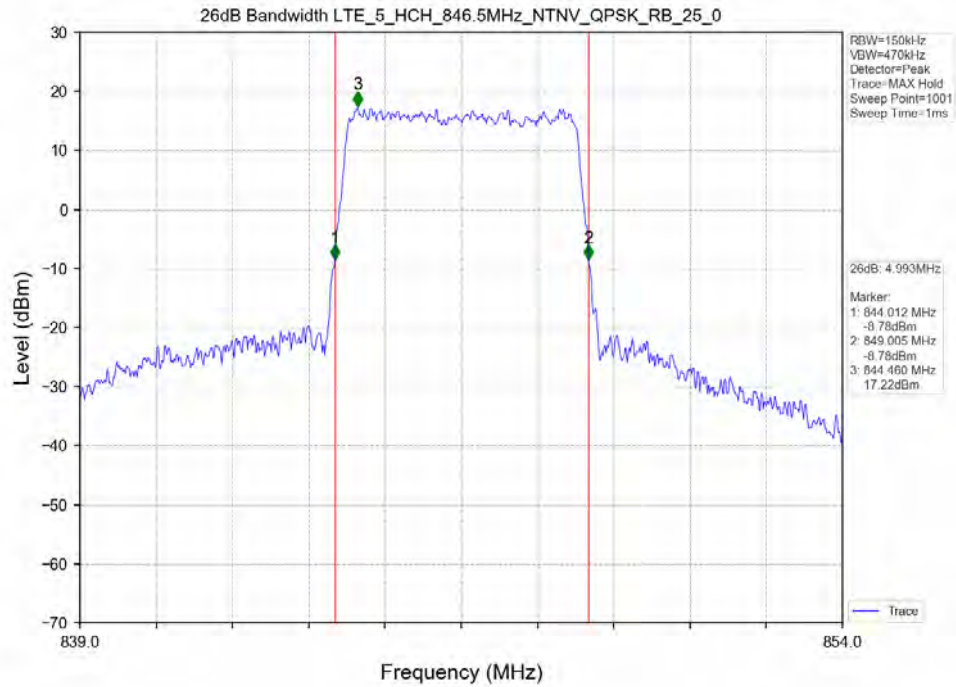
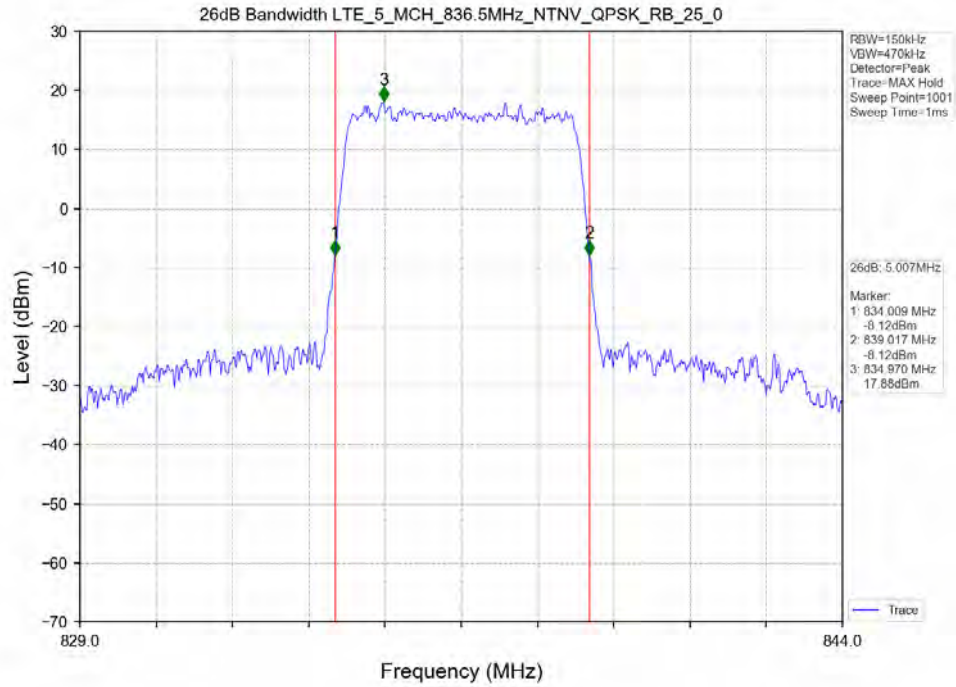


Test Band: 5_5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.025	5.007	4.993	N/A	PASS
16QAM	25	0	5.858	5.010	5.044	N/A	PASS

4.2 Test Graph



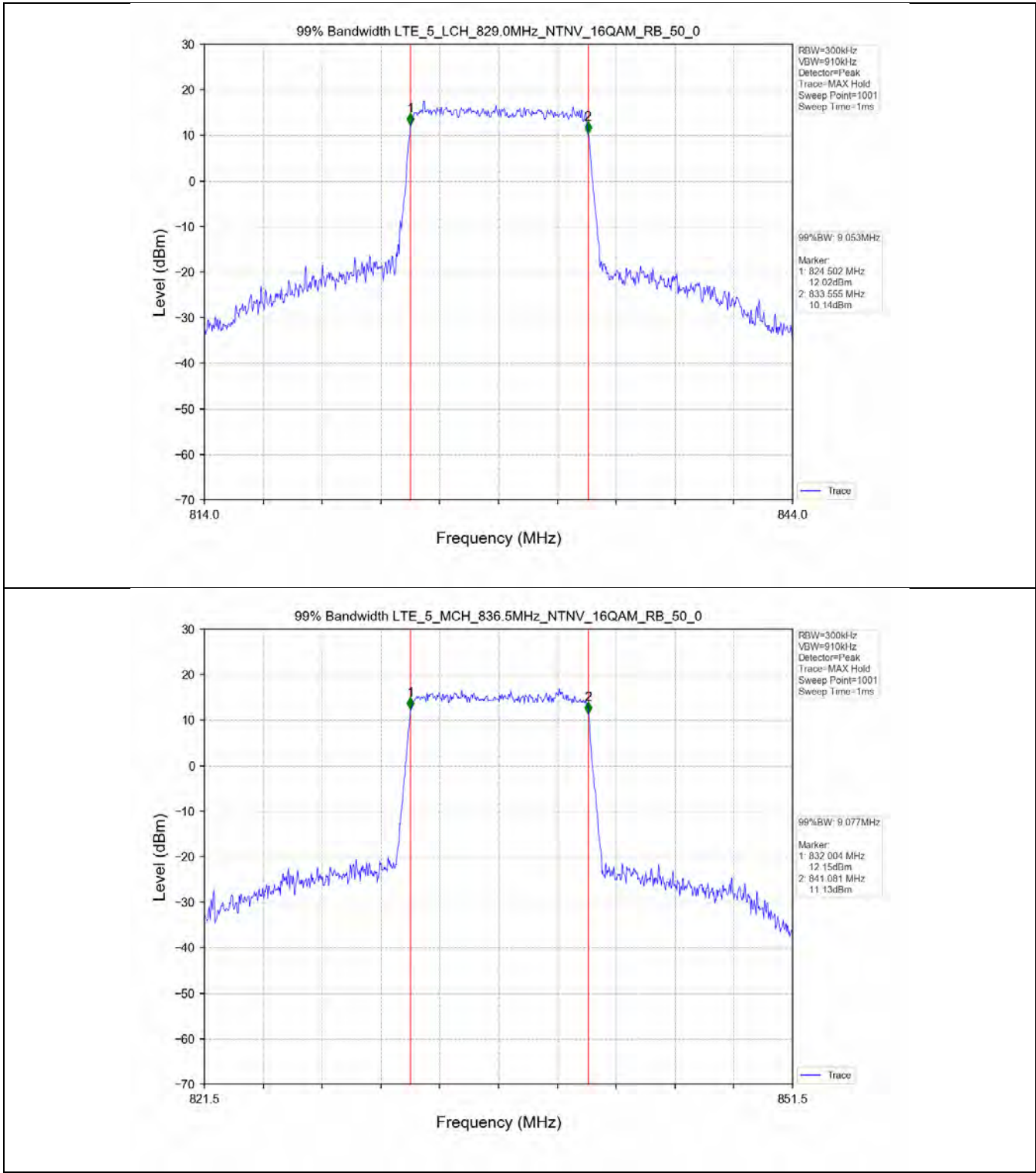


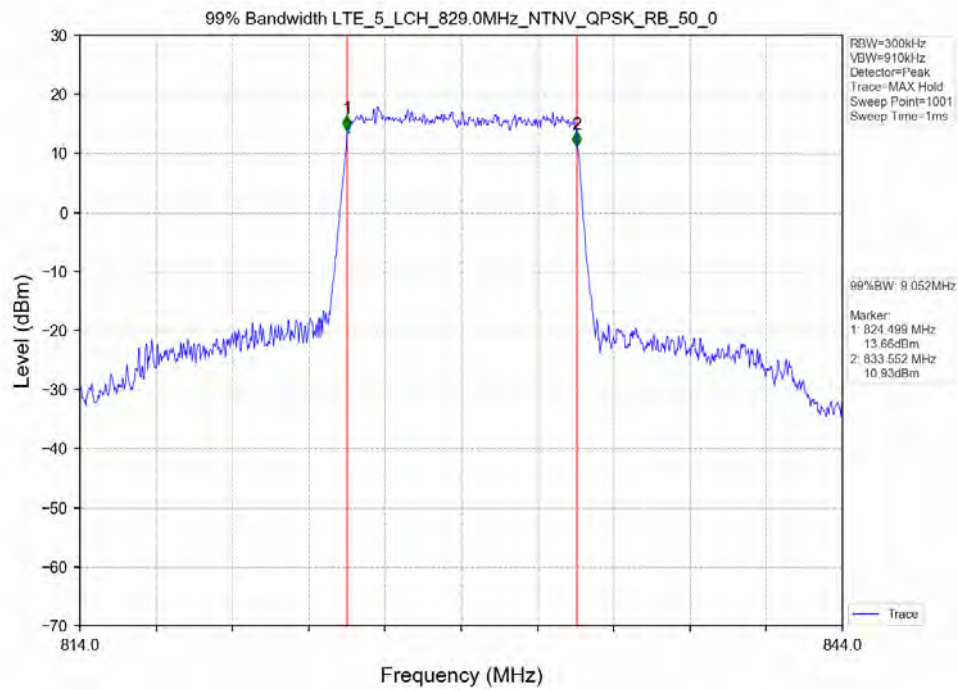
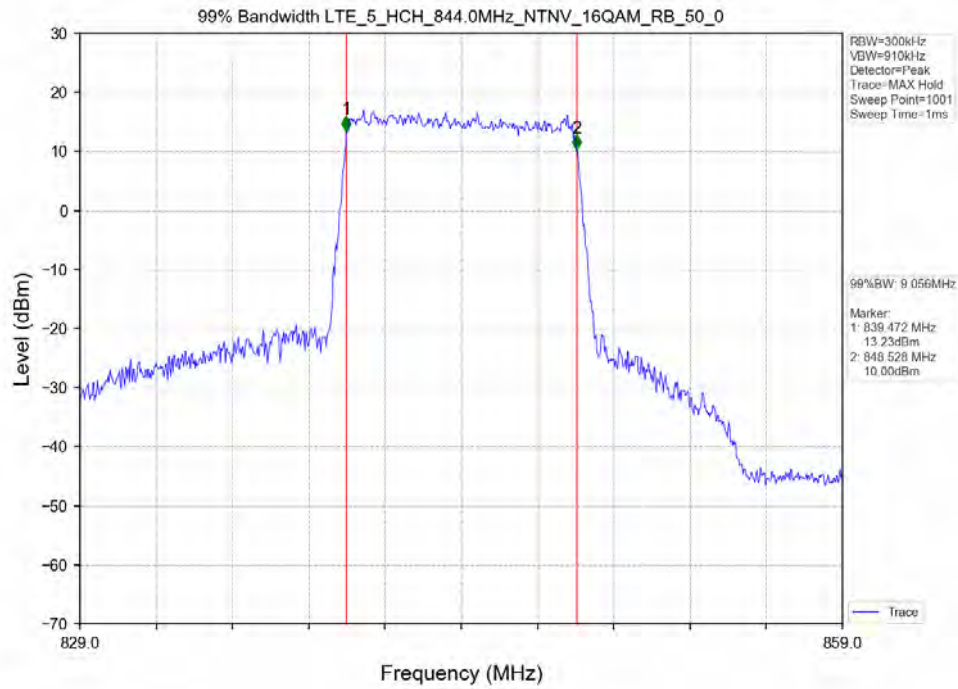


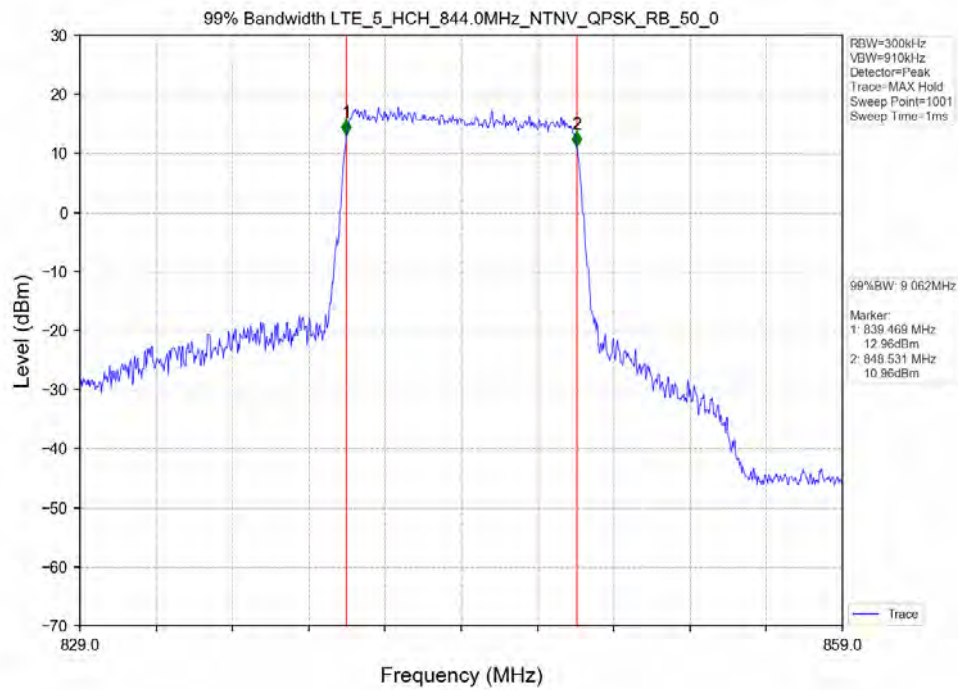
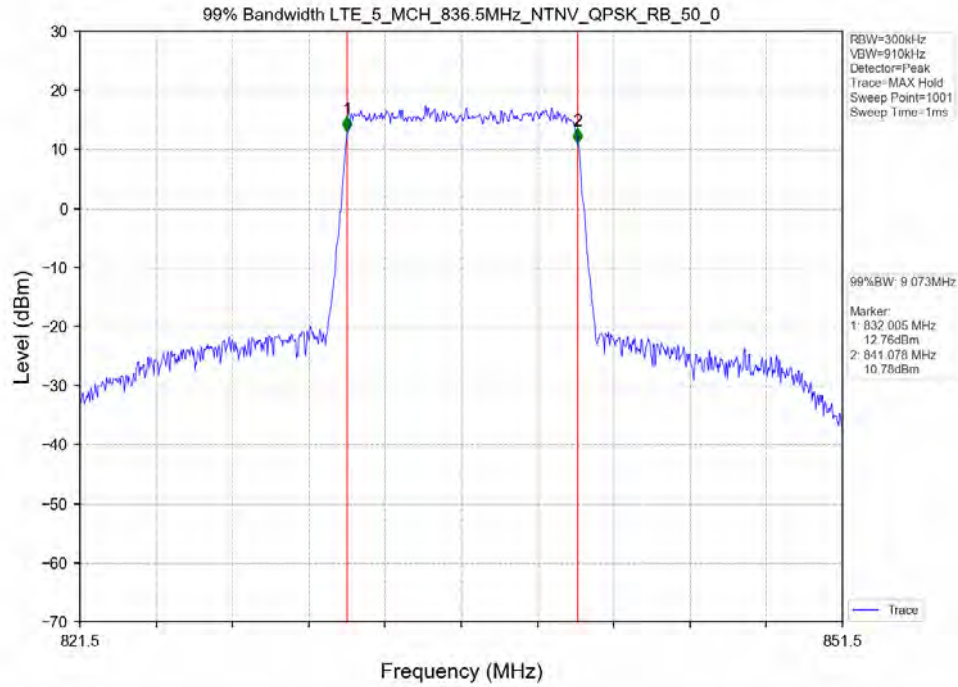
Test Band: 5_10MHz Bandwidth

Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.052	9.073	9.062	N/A	PASS
16QAM	50	0	9.053	9.077	9.056	N/A	PASS

4.2 Test Graph

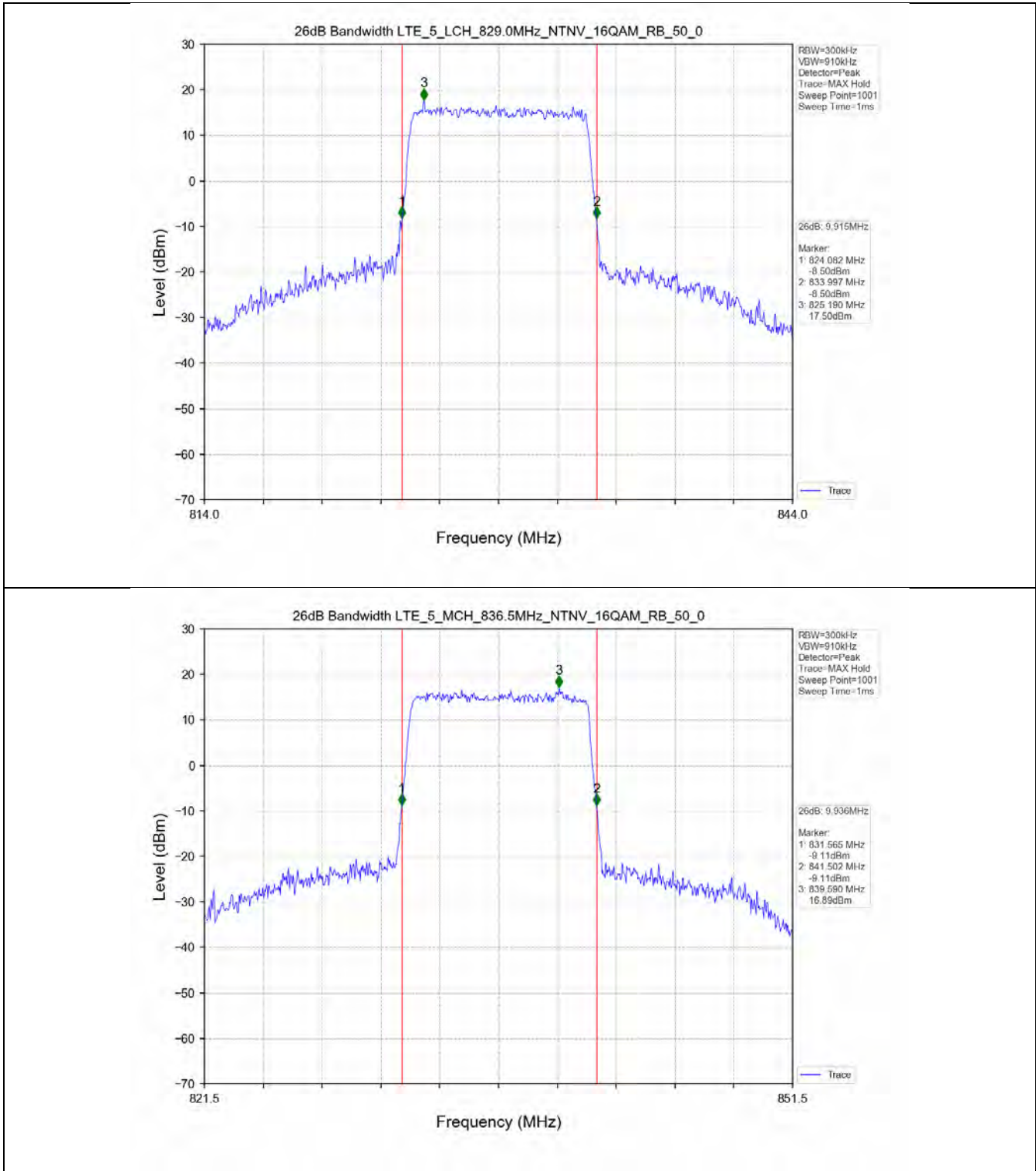


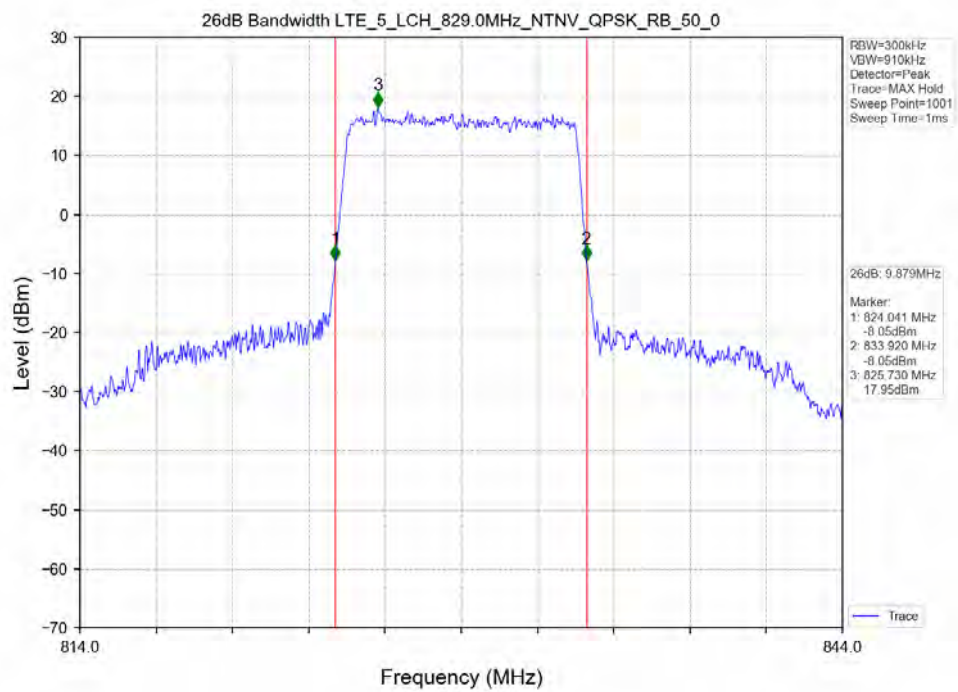
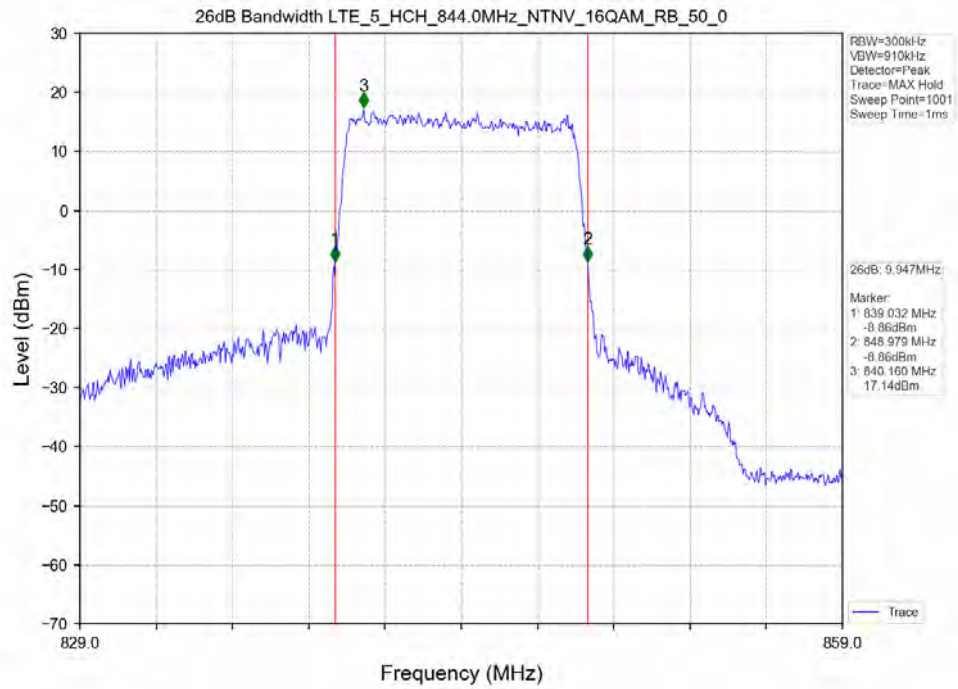


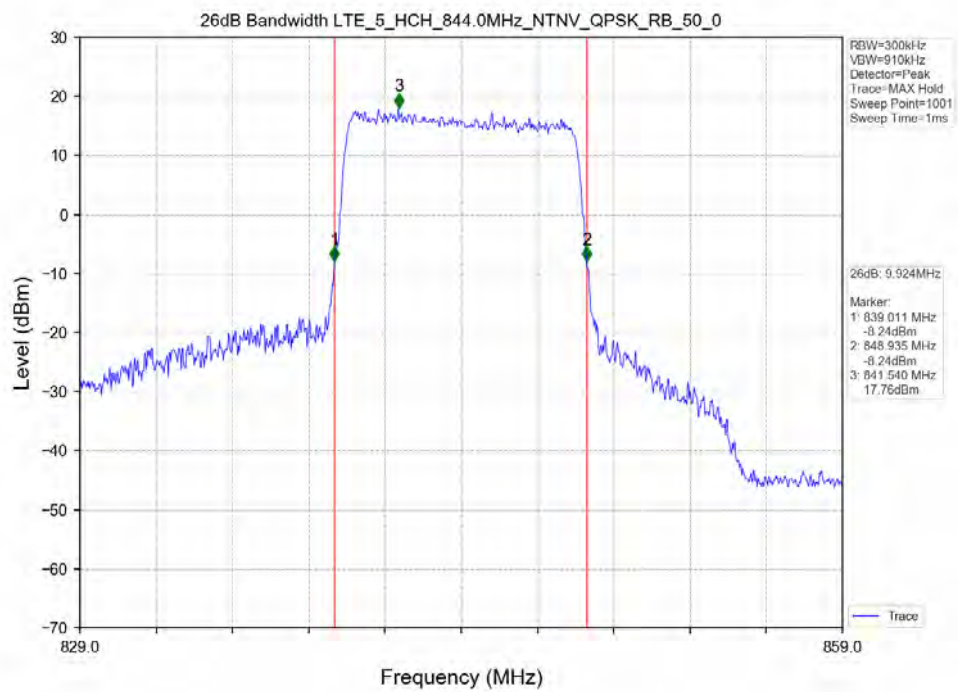
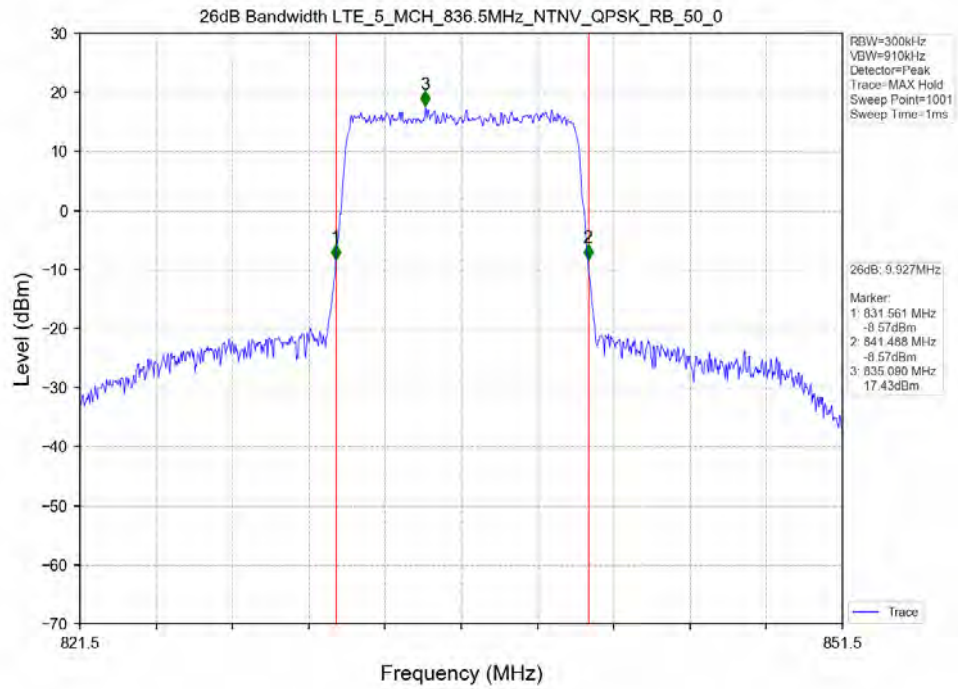


Test Band: 5_10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.879	9.927	9.924	N/A	PASS
16QAM	50	0	9.915	9.936	9.947	N/A	PASS

4.2 Test Graph



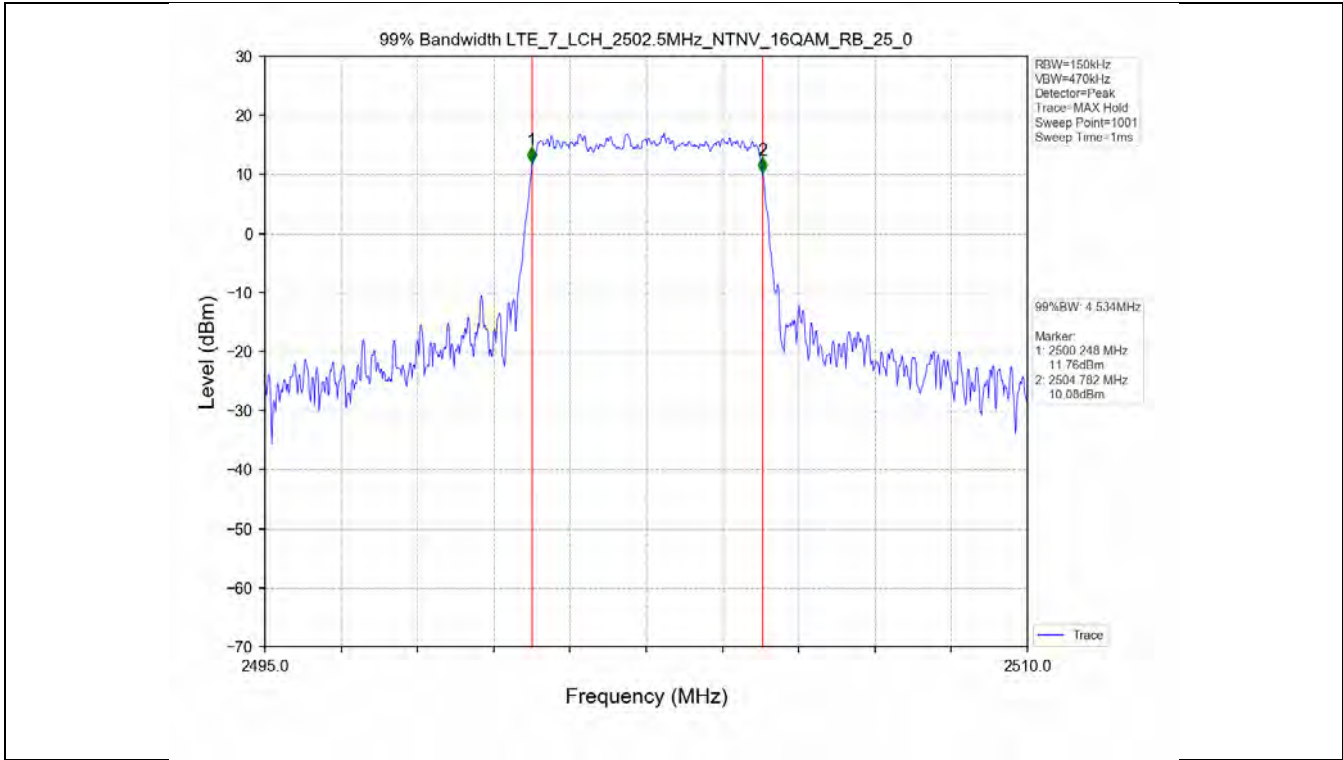


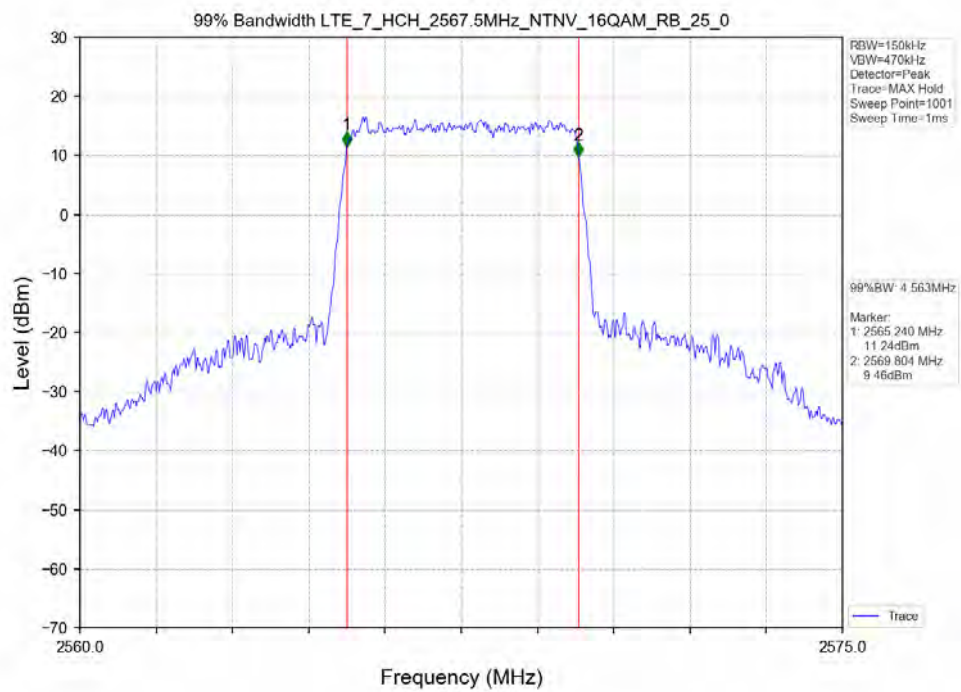
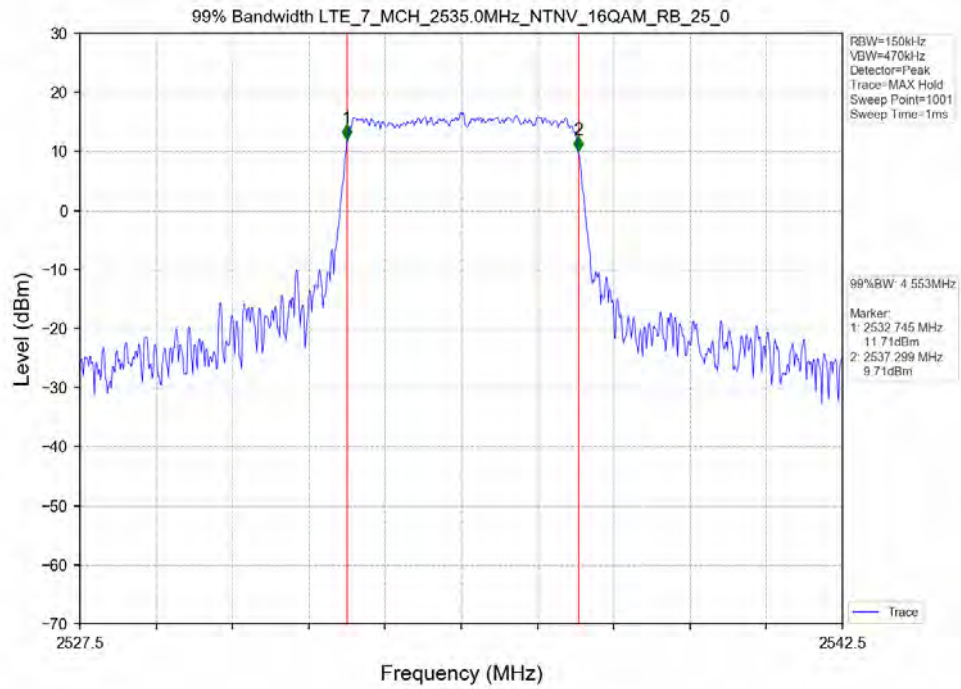


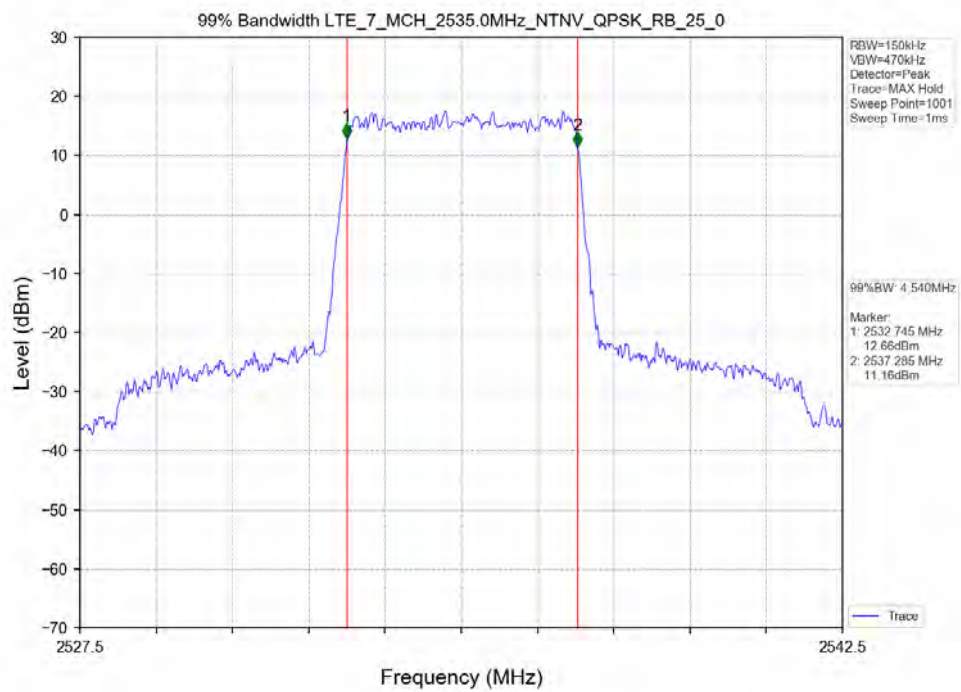
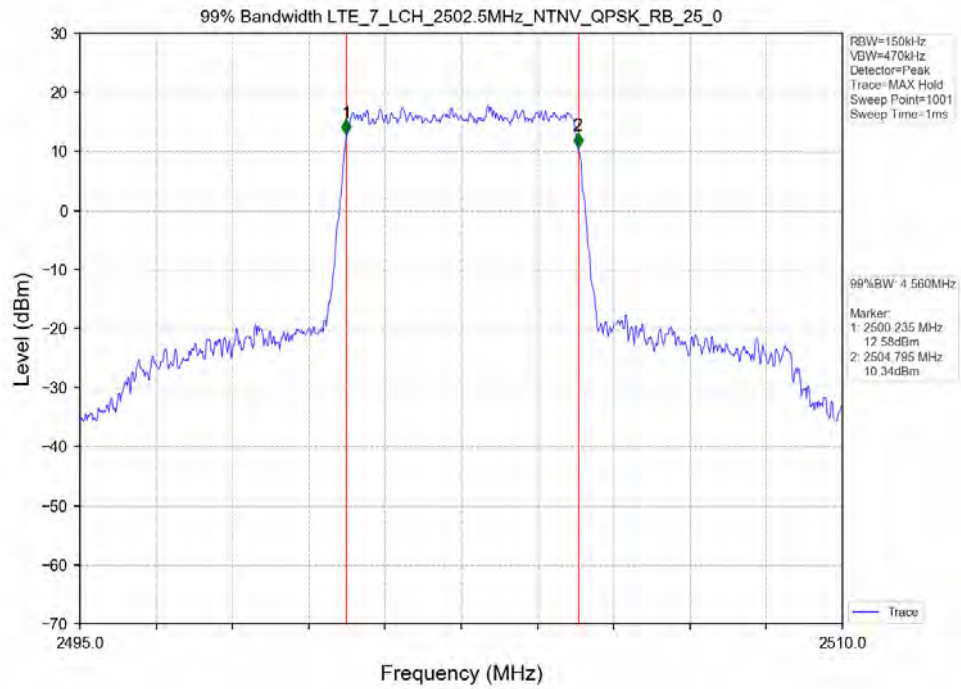
Band 7

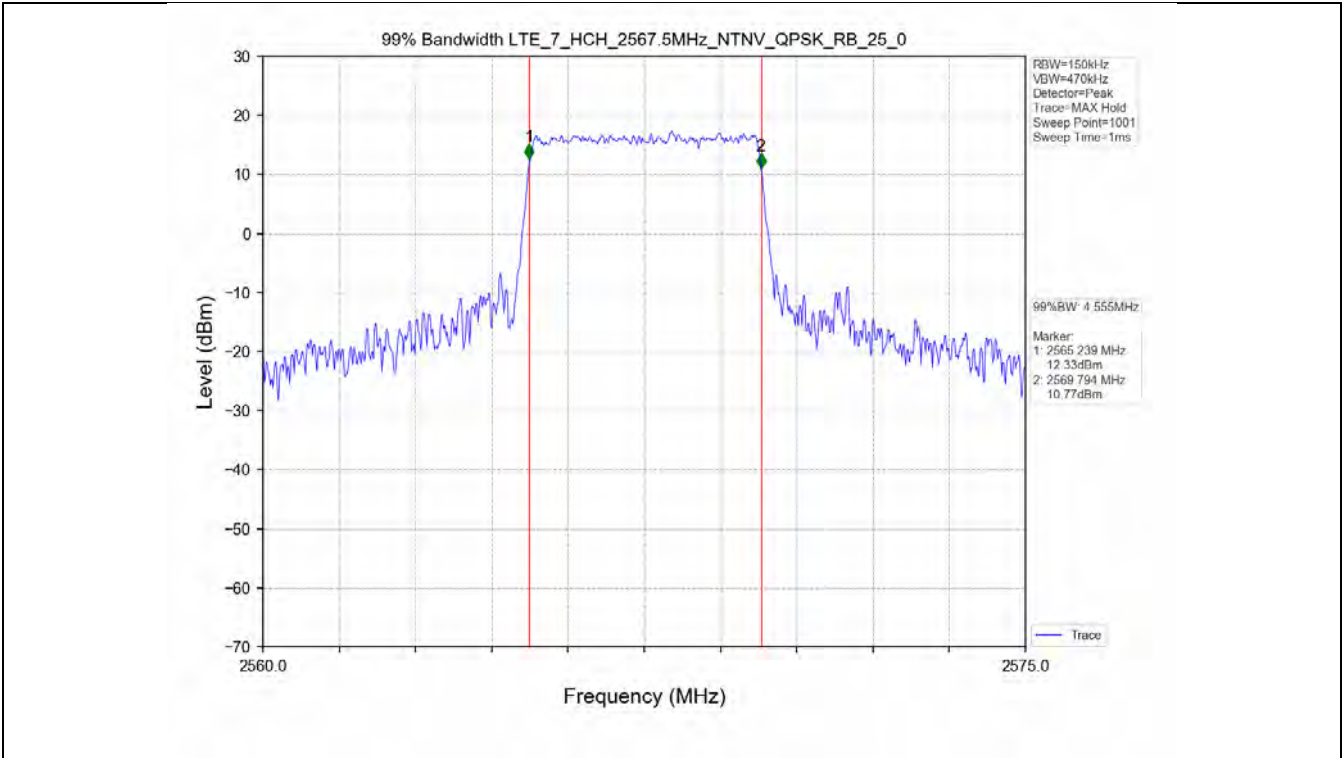
Test Band: 7 5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.560	4.540	4.555	N/A	PASS
16QAM	25	0	4.534	4.553	4.563	N/A	PASS

4.2 Test Graph



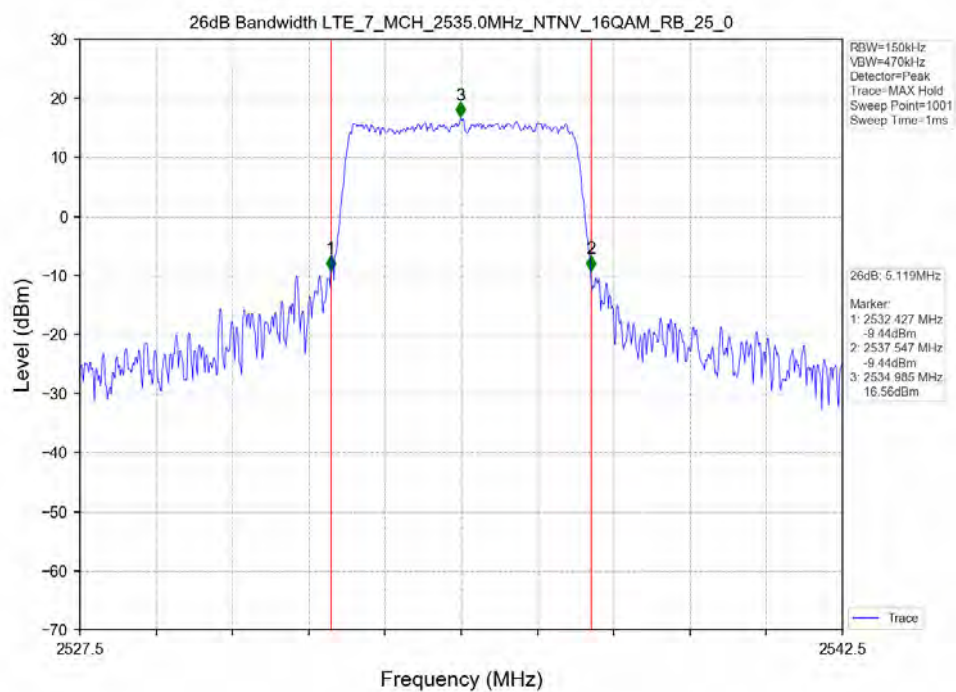
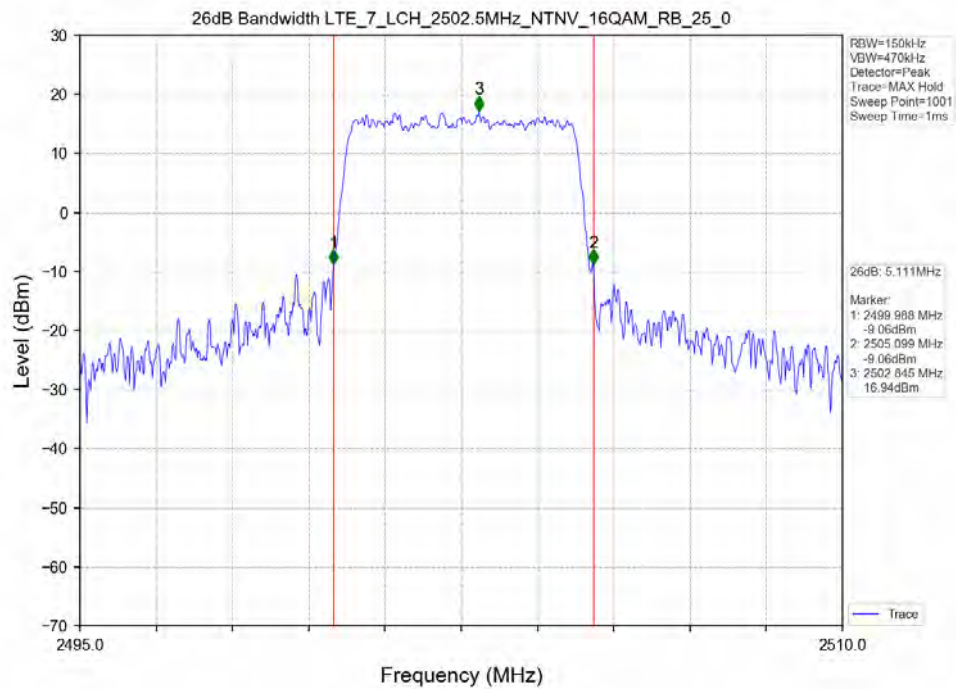


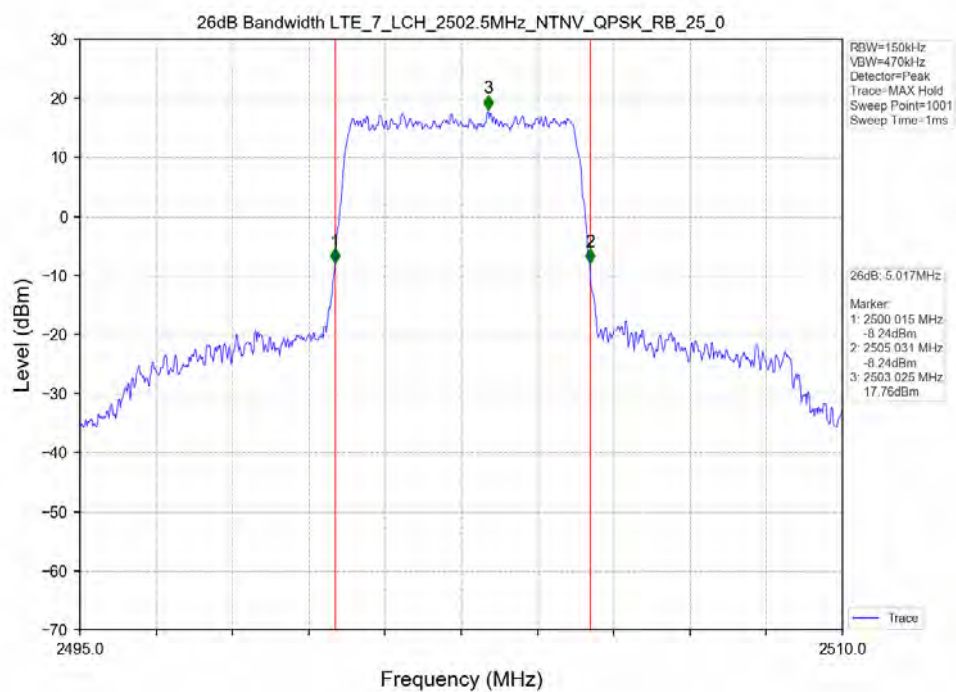
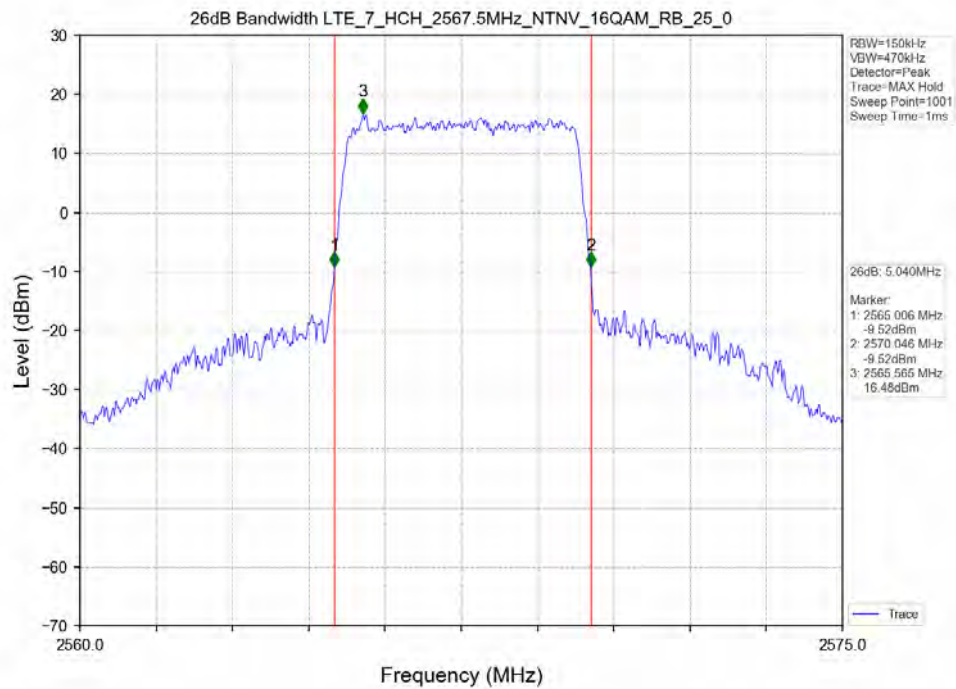


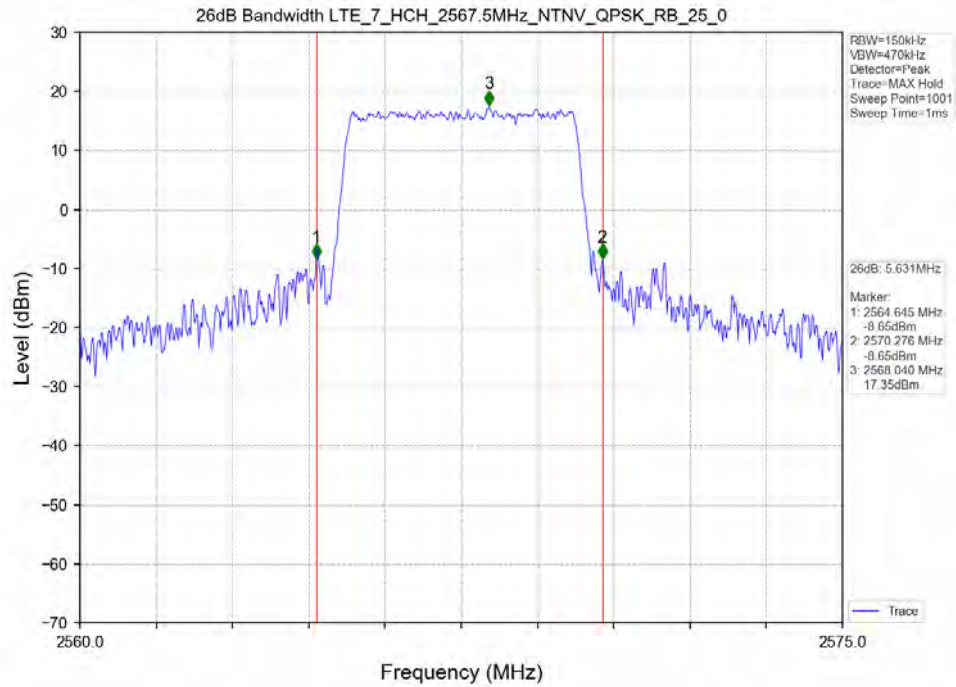
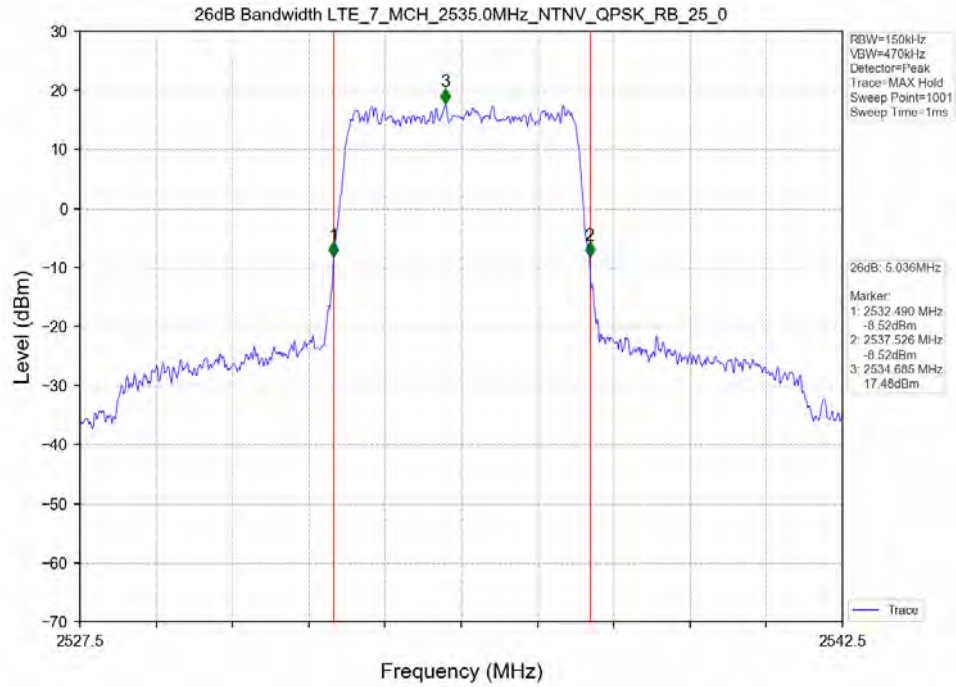


Test Band: 7_5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.017	5.036	5.631	N/A	PASS
16QAM	25	0	5.111	5.119	5.040	N/A	PASS

4.2 Test Graph







Test Band: 7_10MHz Bandwidth

Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.070	9.074	9.037	N/A	PASS
16QAM	50	0	9.057	9.043	9.058	N/A	PASS

4.2 Test Graph

