

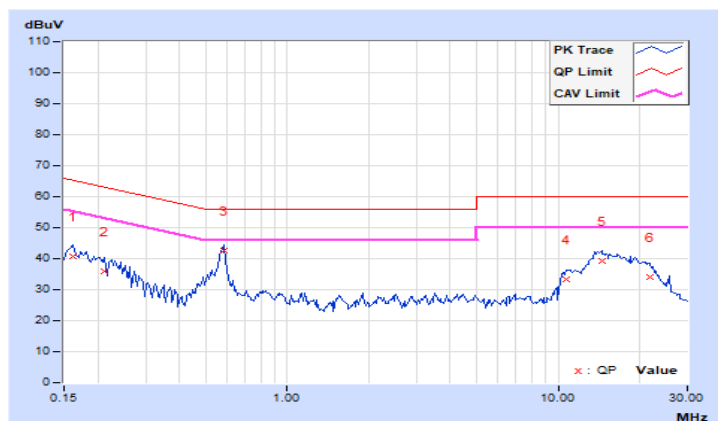
4.2.7 Test Results

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
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No	Freq. [MHz]	Corr. Factor	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
		(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16172	9.97	30.60	20.77	40.57	30.74	65.38	55.38	-24.81	-24.64
2	0.21250	9.98	26.07	11.87	36.05	21.85	63.11	53.11	-27.06	-31.26
3	0.58359	10.01	32.56	25.45	42.57	35.46	56.00	46.00	-13.43	-10.54
4	10.69922	10.70	22.78	15.34	33.48	26.04	60.00	50.00	-26.52	-23.96
5	14.47656	10.97	28.25	21.05	39.22	32.02	60.00	50.00	-20.78	-17.98
6	21.69922	11.42	22.67	15.77	34.09	27.19	60.00	50.00	-25.91	-22.81

REMARKS:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.

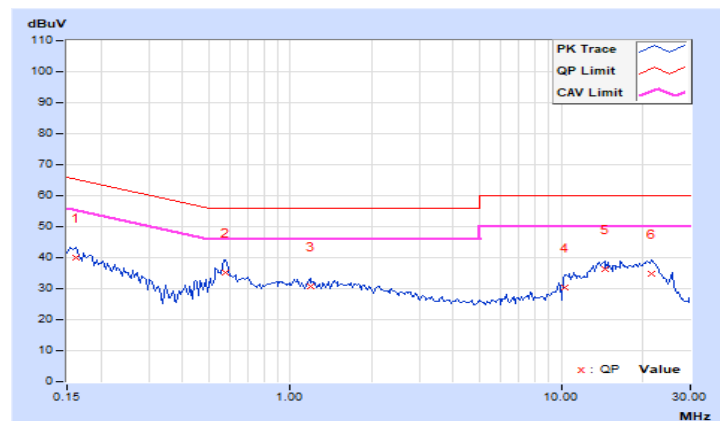


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
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No	Freq. [MHz]	Corr.	Reading Value		Emission Level		Limit		Margin	
		Factor	[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
		(dB)	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16172	9.95	29.93	20.35	39.88	30.30	65.38	55.38	-25.50	-25.08
2	0.57969	9.99	25.15	18.62	35.14	28.61	56.00	46.00	-20.86	-17.39
3	1.18359	10.03	20.77	16.62	30.80	26.65	56.00	46.00	-25.20	-19.35
4	10.32422	10.58	19.76	11.81	30.34	22.39	60.00	50.00	-29.66	-27.61
5	14.47266	10.80	25.39	18.36	36.19	29.16	60.00	50.00	-23.81	-20.84
6	21.62109	11.13	23.86	14.28	34.99	25.41	60.00	50.00	-25.01	-24.59

REMARKS:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level - Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value.

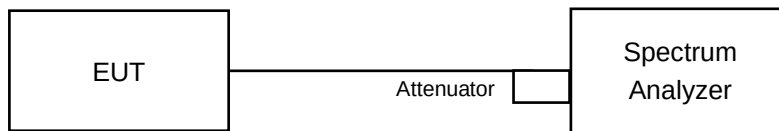


4.3 6dB Bandwidth Measurement

4.3.1 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

4.3.2 Test Setup



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

- Set resolution bandwidth (RBW) = 100kHz
- Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Conditions

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.7 Test Result

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	10.12	10.12	0.5	Pass
6	2437	10.07	10.10	0.5	Pass
11	2462	10.11	10.05	0.5	Pass
12	2467	10.13	10.13	0.5	Pass
13	2472	10.09	10.13	0.5	Pass

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	16.53	16.50	0.5	Pass
2	2417	16.45	16.45	0.5	Pass
6	2437	16.50	16.49	0.5	Pass
10	2457	16.46	16.46	0.5	Pass
11	2462	16.54	16.54	0.5	Pass
12	2467	16.53	16.51	0.5	Pass
13	2472	16.47	16.49	0.5	Pass

VHT20

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	17.80	17.76	0.5	Pass
2	2417	17.78	17.79	0.5	Pass
6	2437	17.79	17.79	0.5	Pass
10	2457	17.76	17.76	0.5	Pass
11	2462	17.79	17.79	0.5	Pass
12	2467	17.79	17.80	0.5	Pass
13	2472	17.75	17.72	0.5	Pass

VHT40

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
3	2422	36.60	36.61	0.5	Pass
4	2427	36.60	36.61	0.5	Pass
6	2437	36.63	36.62	0.5	Pass
8	2447	36.63	36.64	0.5	Pass
9	2452	36.59	36.58	0.5	Pass
10	2457	36.45	36.44	0.5	Pass
11	2462	36.49	36.44	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
1	2412	19.12	19.13	0.5	Pass
2	2417	19.14	19.12	0.5	Pass
6	2437	19.13	19.10	0.5	Pass
10	2457	19.13	19.14	0.5	Pass
11	2462	19.14	19.13	0.5	Pass
12	2467	18.95	18.70	0.5	Pass
13	2472	19.04	19.06	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
3	2422	38.33	38.29	0.5	Pass
4	2427	38.28	38.32	0.5	Pass
6	2437	38.30	38.37	0.5	Pass
8	2447	38.26	38.41	0.5	Pass
9	2452	38.30	38.32	0.5	Pass
10	2457	38.32	38.31	0.5	Pass
11	2462	38.34	38.29	0.5	Pass

20MHz Preamble

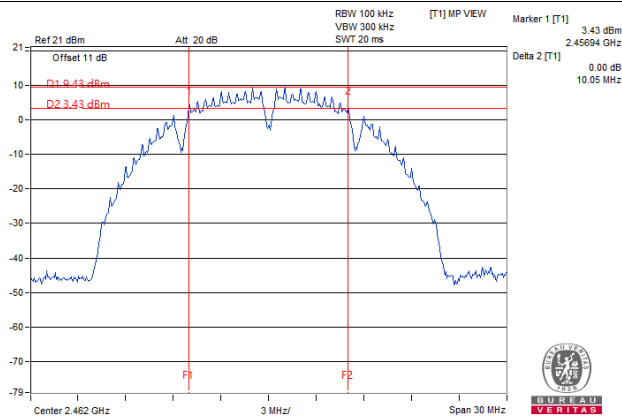
RU Configuration	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
			Chain 0	Chain 1		
26/0	1	2412	2.06	2.12	0.5	Pass
26/0	2	2417	2.11	2.10	0.5	Pass
26/4	6	2437	2.69	2.72	0.5	Pass
26/8	10	2457	2.09	2.09	0.5	Pass
26/8	11	2462	2.08	2.09	0.5	Pass
26/8	12	2467	2.06	2.08	0.5	Pass
26/8	13	2472	17.08	17.07	0.5	Pass
52/37	1	2412	17.05	17.08	0.5	Pass
52/37	2	2417	17.07	14.50	0.5	Pass
52/38	6	2437	15.10	15.11	0.5	Pass
52/40	10	2457	17.04	15.80	0.5	Pass
52/40	11	2462	15.81	17.01	0.5	Pass
52/40	12	2467	17.00	17.02	0.5	Pass
52/40	13	2472	17.32	17.32	0.5	Pass
106/53	1	2412	17.16	17.17	0.5	Pass
106/53	2	2417	17.17	17.18	0.5	Pass
106/53	6	2437	17.20	17.22	0.5	Pass
106/54	10	2457	17.15	17.19	0.5	Pass
106/54	11	2462	17.14	17.15	0.5	Pass
106/54	12	2467	17.14	17.16	0.5	Pass
106/54	13	2472	17.34	17.33	0.5	Pass
242/61	1	2412	19.15	19.08	0.5	Pass
	2	2417	19.07	19.10	0.5	Pass
	6	2437	19.10	19.07	0.5	Pass
	10	2457	19.15	19.08	0.5	Pass
	11	2462	19.11	19.15	0.5	Pass
	12	2467	19.13	19.12	0.5	Pass
	13	2472	18.90	18.87	0.5	Pass

40MHz Preamble

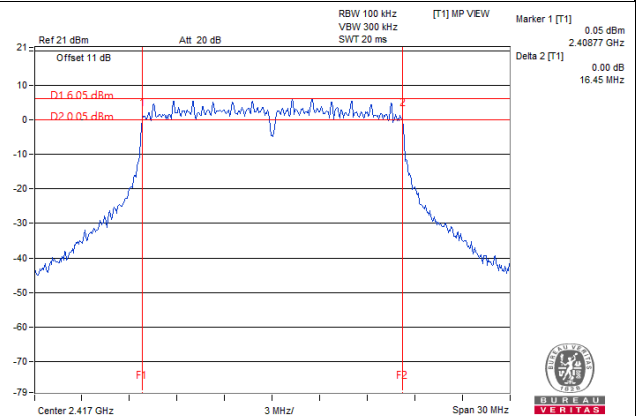
RU Configuration	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
			Chain 0	Chain 1		
484/65	3	2422	38.28	38.20	0.5	Pass
	4	2427	38.26	38.31	0.5	Pass
	6	2437	38.30	38.41	0.5	Pass
	8	2447	38.34	38.40	0.5	Pass
	9	2452	38.35	38.41	0.5	Pass
	10	2457	38.25	38.35	0.5	Pass
	11	2462	37.57	36.82	0.5	Pass

Spectrum Plot of Worst Value

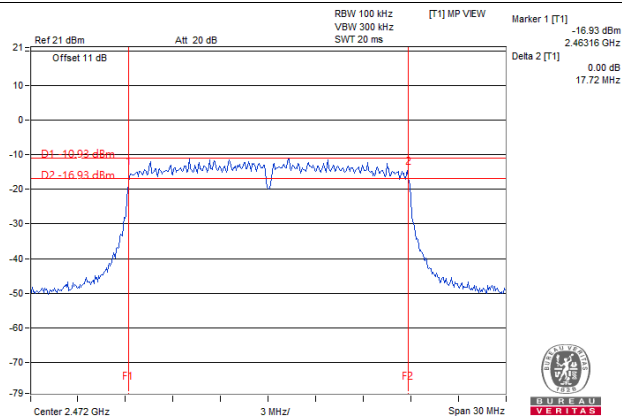
802.11b / Chain 1 : CH11



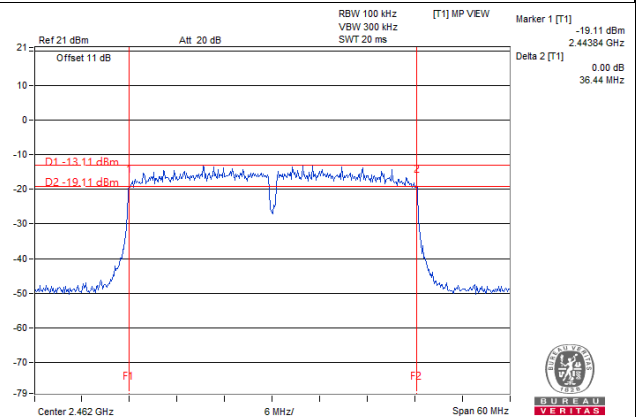
802.11g / Chain 0 : CH2



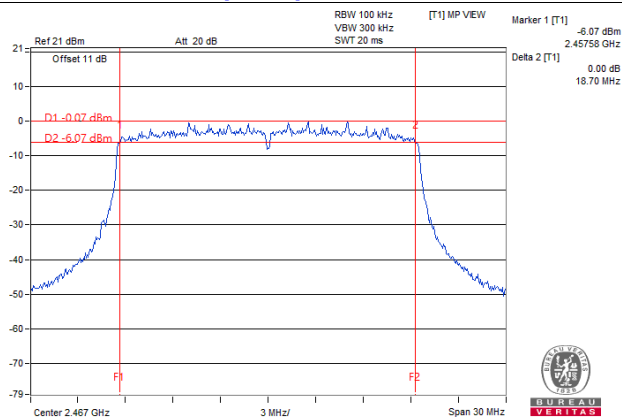
VHT20 / Chain 1 : CH13



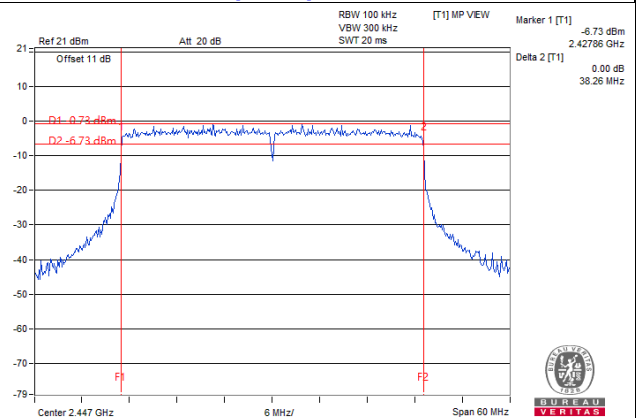
VHT40 / Chain 1 : CH11



802.11ax (HE20) / Chain 1 : CH12

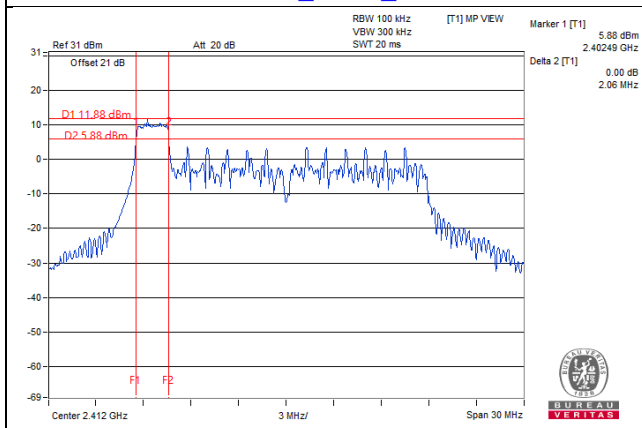


802.11ax (HE40) / Chain 0 : CH8

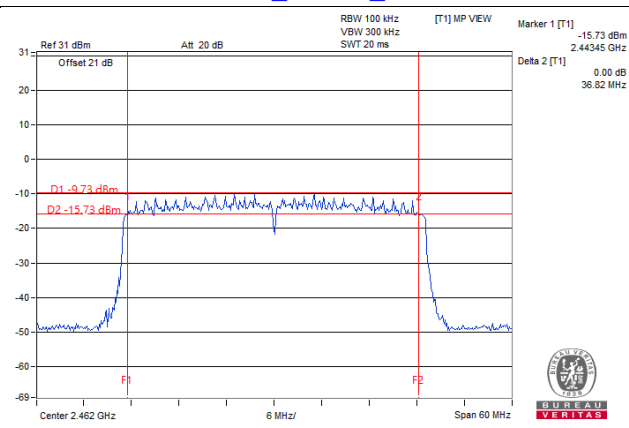


Spectrum Plot of Worst Value

20MHz Preamble_RU26_Chain 0 / CH1



40MHz Preamble_RU484_Chain 1 / CH11



4.4 Conducted Output Power Measurement

4.4.1 Limits of Conducted Output Power Measurement

For systems using digital modulation in the 2400–2483.5 MHz bands: 1 Watt (30dBm)

Per KDB 662911 D01 Multiple Transmitter Output Method of conducted output power measurement on IEEE 802.11 devices,

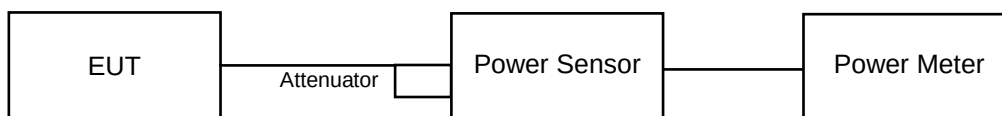
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

4.4.2 Test Setup



4.4.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.4 Test Procedures

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

Average power sensor was used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

4.4.5 Deviation from Test Standard

No deviation.

4.4.6 EUT Operating Conditions

Same as Item 4.3.6.

4.4.7 Test Results

FOR PEAK POWER

802.11b

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	22.04	21.92	315.553	24.99	29.37	Pass
6	2437	23.02	22.62	383.257	25.83	29.37	Pass
11	2462	22.16	21.65	310.655	24.92	29.37	Pass
12	2467	21.36	21.04	263.83	24.21	29.37	Pass
13	2472	13.77	13.51	46.262	16.65	29.37	Pass

NOTE: Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30-(6.63-6) = 29.37\text{dBm}$.

802.11g

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	23.58	23.56	455.02	26.58	29.37	Pass
2	2417	25.12	24.93	636.259	28.04	29.37	Pass
6	2437	25.53	25.57	717.852	28.56	29.37	Pass
10	2457	25.21	25.21	663.788	28.22	29.37	Pass
11	2462	24.21	23.94	511.375	27.09	29.37	Pass
12	2467	23.13	23.23	415.967	26.19	29.37	Pass
13	2472	13.91	13.81	48.648	16.87	29.37	Pass

NOTE: Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30-(6.63-6) = 29.37\text{dBm}$.

VHT20

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	23.46	22.92	417.704	26.21	29.37	Pass
2	2417	24.53	24.37	557.319	27.46	29.37	Pass
6	2437	25.27	25.19	666.882	28.24	29.37	Pass
10	2457	23.88	24.18	506.161	27.04	29.37	Pass
11	2462	23.26	22.59	393.388	25.95	29.37	Pass
12	2467	21.72	20.78	268.268	24.29	29.37	Pass
13	2472	11.42	11.60	28.322	14.52	29.37	Pass

NOTE: Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30-(6.63-6) = 29.37\text{dBm}$.

VHT40

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	22.15	21.71	312.311	24.95	29.37	Pass
4	2427	22.52	22.54	358.122	25.54	29.37	Pass
6	2437	24.43	24.60	565.735	27.53	29.37	Pass
8	2447	22.44	23.12	380.504	25.80	29.37	Pass
9	2452	21.91	22.05	315.564	24.99	29.37	Pass
10	2457	16.34	15.99	82.772	19.18	29.37	Pass
11	2462	12.40	12.14	33.746	15.28	29.37	Pass

NOTE: Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30-(6.63-6) = 29.37\text{dBm}$.

802.11ax (HE20)

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
1	2412	23.43	23.45	441.602	26.45	29.37	Pass
2	2417	24.61	24.37	562.595	27.50	29.37	Pass
6	2437	25.36	25.30	682.402	28.34	29.37	Pass
10	2457	23.93	24.33	518.191	27.14	29.37	Pass
11	2462	23.16	22.86	400.211	26.02	29.37	Pass
12	2467	21.34	21.29	270.73	24.33	29.37	Pass
13	2472	11.67	11.38	28.429	14.54	29.37	Pass

NOTE: Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30-(6.63-6) = 29.37\text{dBm}$.

802.11ax (HE40)

Chan.	Freq. (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
3	2422	21.86	22.07	314.527	24.98	29.37	Pass
4	2427	22.68	22.48	362.364	25.59	29.37	Pass
6	2437	24.59	24.47	567.638	27.54	29.37	Pass
8	2447	23.02	22.68	385.8	25.86	29.37	Pass
9	2452	22.25	21.74	317.159	25.01	29.37	Pass
10	2457	16.55	15.82	83.38	19.21	29.37	Pass
11	2462	12.40	12.20	33.974	15.31	29.37	Pass

NOTE: Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30-(6.63-6) = 29.37\text{dBm}$.

20MHz Preamble

RU Configuration	Channel	Frequency (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 0				
26/0	1	2412	23.51	23.52	449.293	26.53	29.37	Pass
26/0	2	2417	23.70	23.07	437.191	26.41	29.37	Pass
26/4	6	2437	25.54	25.28	695.383	28.42	29.37	Pass
26/8	10	2457	23.09	22.90	398.688	26.01	29.37	Pass
26/8	11	2462	19.82	19.31	181.25	22.58	29.37	Pass
26/8	12	2467	13.55	13.53	45.188	16.55	29.37	Pass
26/8	13	2472	12.41	11.65	32.04	15.06	29.37	Pass
52/37	1	2412	24.06	23.56	481.669	26.83	29.37	Pass
52/37	2	2417	23.80	23.33	455.161	26.58	29.37	Pass
52/38	6	2437	24.84	24.74	602.641	27.80	29.37	Pass
52/40	10	2457	23.43	23.23	430.671	26.34	29.37	Pass
52/40	11	2462	19.32	18.86	162.42	22.11	29.37	Pass
52/40	12	2467	11.75	11.70	29.753	14.74	29.37	Pass
52/40	13	2472	11.63	11.33	28.138	14.49	29.37	Pass
106/53	1	2412	23.91	23.51	470.425	26.72	29.37	Pass
106/53	2	2417	24.02	23.58	480.382	26.82	29.37	Pass
106/53	6	2437	25.24	25.03	652.615	28.15	29.37	Pass
106/54	10	2457	23.67	23.57	460.319	26.63	29.37	Pass
106/54	11	2462	20.57	20.16	217.778	23.38	29.37	Pass
106/54	12	2467	13.16	13.21	41.642	16.20	29.37	Pass
106/54	13	2472	11.98	11.78	30.842	14.89	29.37	Pass
242/61	1	2412	19.78	19.34	180.961	22.58	29.37	Pass
	2	2417	24.24	24.04	518.974	27.15	29.37	Pass
	6	2437	25.48	25.32	693.591	28.41	29.37	Pass
	10	2457	24.27	23.67	500.11	26.99	29.37	Pass
	11	2462	21.01	21.19	257.705	24.11	29.37	Pass
	12	2467	16.15	15.85	79.669	19.01	29.37	Pass
	13	2472	13.55	13.21	43.587	16.39	29.37	Pass

NOTE: Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30 - (6.63 - 6) = 29.37\text{dBm}$.

40MHz Preamble

RU Configuration	Channel	Frequency (MHz)	Peak Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 0				
484/65	3	2422	19.54	19.57	180.523	22.57	29.37	Pass
	4	2427	20.51	20.56	226.223	23.55	29.37	Pass
	6	2437	24.81	24.72	599.174	27.78	29.37	Pass
	8	2447	20.20	20.16	208.466	23.19	29.37	Pass
	9	2452	19.62	19.67	184.305	22.66	29.37	Pass
	10	2457	15.85	15.92	77.543	18.90	29.37	Pass
	11	2462	12.73	13.80	42.738	16.31	29.37	Pass

NOTE: Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, therefore the limit needs to reduce, so the power limit shall be reduced to $30-(6.63-6) = 29.37\text{dBm}$.

FOR AVERAGE POWER

802.11b

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	19.63	19.47	180.345	22.56
6	2437	20.61	20.28	221.74	23.46
11	2462	19.82	19.11	177.41	22.49
12	2467	18.85	18.60	149.18	21.74
13	2472	11.26	11.07	26.16	14.18

802.11g

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	14.79	14.60	58.97	17.71
2	2417	17.33	17.09	105.243	20.22
6	2437	20.31	20.09	209.493	23.21
10	2457	16.87	16.94	98.072	19.92
11	2462	16.01	15.42	74.736	18.74
12	2467	14.20	14.11	52.066	17.17
13	2472	5.19	5.14	6.57	8.18

VHT20

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	14.86	14.46	58.545	17.67
2	2417	16.90	16.32	91.833	19.63
6	2437	19.73	19.31	179.282	22.54
10	2457	16.72	16.28	89.451	19.52
11	2462	14.61	13.97	53.853	17.31
12	2467	12.02	11.67	30.611	14.86
13	2472	3.00	2.49	3.769	5.76

VHT40

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
3	2422	13.01	12.71	38.663	15.87
4	2427	13.71	13.61	46.457	16.67
6	2437	17.89	17.51	117.882	20.71
8	2447	14.34	14.17	53.286	17.27
9	2452	12.53	12.08	34.05	15.32
10	2457	7.42	7.07	10.614	10.26
11	2462	4.18	3.57	4.893	6.90

802.11ax (HE20)

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
1	2412	14.95	14.39	58.74	17.69
2	2417	16.91	16.34	92.144	19.64
6	2437	19.79	19.27	179.808	22.55
10	2457	16.73	16.29	89.658	19.53
11	2462	14.66	13.97	54.188	17.34
12	2467	12.05	11.66	30.687	14.87
13	2472	3.01	2.48	3.77	5.76

802.11ax (HE40)

Chan.	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
3	2422	12.97	12.85	39.09	15.92
4	2427	13.91	13.52	47.095	16.73
6	2437	17.91	17.52	118.296	20.73
8	2447	14.61	13.93	53.624	17.29
9	2452	12.61	12.06	34.308	15.35
10	2457	7.57	6.92	10.635	10.27
11	2462	4.20	3.60	4.921	6.92

20MHz Preamble

RU Configuration	Channel	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
			Chain 0	Chain 1		
26/0	1	2412	15.63	14.95	67.82	18.31
26/0	2	2417	15.63	14.96	67.892	18.32
26/4	6	2437	19.44	19.21	171.27	22.34
26/8	10	2457	14.94	14.86	61.809	17.91
26/8	11	2462	11.48	10.94	26.477	14.23
26/8	12	2467	4.23	4.21	5.285	7.23
26/8	13	2472	1.33	1.17	2.667	4.26
52/37	1	2412	15.81	15.20	71.22	18.53
52/37	2	2417	15.64	15.10	69.003	18.39
52/38	6	2437	19.51	19.19	172.316	22.36
52/40	10	2457	15.22	15.01	64.962	18.13
52/40	11	2462	11.35	10.99	26.206	14.18
52/40	12	2467	4.20	4.16	5.236	7.19
52/40	13	2472	1.67	1.45	2.865	4.57
106/53	1	2412	15.85	15.19	71.496	18.54
106/53	2	2417	15.59	15.19	69.261	18.40
106/53	6	2437	19.65	19.31	177.567	22.49
106/54	10	2457	15.11	15.07	64.571	18.10
106/54	11	2462	11.41	11.08	26.659	14.26
106/54	12	2467	3.98	4.01	5.018	7.01
106/54	13	2472	2.35	2.41	3.46	5.39
242/61	1	2412	9.96	9.47	18.759	12.73
	2	2417	15.13	14.84	63.063	18.00
	6	2437	19.66	19.35	178.569	22.52
	10	2457	14.82	14.88	61.1	17.86
	11	2462	11.80	11.47	29.164	14.65
	12	2467	6.11	6.35	8.398	9.24
	13	2472	4.17	3.96	5.101	7.08

40MHz Preamble

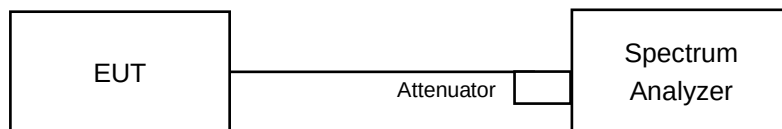
RU Configuration	Channel	Frequency (MHz)	Avg. Power (dBm)		Total Power (mW)	Total Power (dBm)
			Chain 0	Chain 1		
484/65	3	2422	9.56	9.61	18.177	12.60
	4	2427	10.59	10.56	22.831	13.59
	6	2437	16.25	15.99	81.889	19.13
	8	2447	10.47	10.45	22.235	13.47
	9	2452	9.19	9.27	16.752	12.24
	10	2457	5.97	6.01	7.944	9.00
	11	2462	4.12	4.29	5.267	7.22

4.5 Power Spectral Density Measurement

4.5.1 Limits of Power Spectral Density Measurement

The Maximum of Power Spectral Density Measurement is 8 dBm in any 3 kHz.

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 Test Procedure

- Set analyzer center frequency to DTS channel center frequency.
- Set the span to 1.5 times the DTS bandwidth.
- Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- Set the VBW $\geq 3 \times \text{RBW}$.
- Detector = peak.
- Sweep time = auto couple.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the peak marker function to determine the maximum amplitude level within the RBW.

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Condition

Same as Item 4.3.6

4.5.7 Test Results

802.11b

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-4.82	3.01	-1.81	7.37	Pass
	6	2437	-3.12	3.01	-0.11	7.37	Pass
	11	2462	-5.46	3.01	-2.45	7.37	Pass
	12	2467	-5.76	3.01	-2.75	7.37	Pass
	13	2472	-12.16	3.01	-9.15	7.37	Pass
1	1	2412	-5.13	3.01	-2.12	7.37	Pass
	6	2437	-5.11	3.01	-2.10	7.37	Pass
	11	2462	-7.11	3.01	-4.10	7.37	Pass
	12	2467	-6.11	3.01	-3.10	7.37	Pass
	13	2472	-13.64	3.01	-10.63	7.37	Pass

Note: 1. Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8-(6.63-6) = 7.37\text{dBm}$.

802.11g

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-12.15	3.01	-9.14	7.37	Pass
	2	2417	-9.87	3.01	-6.86	7.37	Pass
	6	2437	-6.45	3.01	-3.44	7.37	Pass
	10	2457	-9.85	3.01	-6.84	7.37	Pass
	11	2462	-11.17	3.01	-8.16	7.37	Pass
	12	2467	-12.95	3.01	-9.94	7.37	Pass
	13	2472	-21.73	3.01	-18.72	7.37	Pass
1	1	2412	-13.39	3.01	-10.38	7.37	Pass
	2	2417	-10.28	3.01	-7.27	7.37	Pass
	6	2437	-7.54	3.01	-4.53	7.37	Pass
	10	2457	-9.98	3.01	-6.97	7.37	Pass
	11	2462	-11.79	3.01	-8.78	7.37	Pass
	12	2467	-13.36	3.01	-10.35	7.37	Pass
	13	2472	-21.64	3.01	-18.63	7.37	Pass

Note: 1. Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8-(6.63-6) = 7.37\text{dBm}$.

VHT20

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-12.26	3.01	-9.25	7.37	Pass
	2	2417	-9.93	3.01	-6.92	7.37	Pass
	6	2437	-7.83	3.01	-4.82	7.37	Pass
	10	2457	-10.05	3.01	-7.04	7.37	Pass
	11	2462	-12.54	3.01	-9.53	7.37	Pass
	12	2467	-13.88	3.01	-10.87	7.37	Pass
	13	2472	-25.80	3.01	-22.79	7.37	Pass
1	1	2412	-11.30	3.01	-8.29	7.37	Pass
	2	2417	-10.57	3.01	-7.56	7.37	Pass
	6	2437	-7.00	3.01	-3.99	7.37	Pass
	10	2457	-9.36	3.01	-6.35	7.37	Pass
	11	2462	-11.95	3.01	-8.94	7.37	Pass
	12	2467	-14.12	3.01	-11.11	7.37	Pass
	13	2472	-25.08	3.01	-22.07	7.37	Pass

Note: 1. Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8 - (6.63 - 6) = 7.37\text{dBm}$.

VHT40

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	3	2422	-16.38	3.01	-13.37	7.37	Pass
	4	2427	-15.96	3.01	-12.95	7.37	Pass
	6	2437	-12.18	3.01	-9.17	7.37	Pass
	8	2447	-15.25	3.01	-12.24	7.37	Pass
	9	2452	-18.22	3.01	-15.21	7.37	Pass
	10	2457	-23.61	3.01	-20.60	7.37	Pass
	11	2462	-27.61	3.01	-24.60	7.37	Pass
1	3	2422	-16.23	3.01	-13.22	7.37	Pass
	4	2427	-16.48	3.01	-13.47	7.37	Pass
	6	2437	-11.37	3.01	-8.36	7.37	Pass
	8	2447	-14.46	3.01	-11.45	7.37	Pass
	9	2452	-17.26	3.01	-14.25	7.37	Pass
	10	2457	-24.43	3.01	-21.42	7.37	Pass
	11	2462	-27.98	3.01	-24.97	7.37	Pass

Note: 1. Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8 - (6.63 - 6) = 7.37\text{dBm}$.

802.11ax (HE20)

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	1	2412	-12.84	3.01	-9.83	7.37	Pass
	2	2417	-11.05	3.01	-8.04	7.37	Pass
	6	2437	-7.75	3.01	-4.74	7.37	Pass
	10	2457	-11.11	3.01	-8.10	7.37	Pass
	11	2462	-12.74	3.01	-9.73	7.37	Pass
	12	2467	-15.83	3.01	-12.82	7.37	Pass
	13	2472	-24.95	3.01	-21.94	7.37	Pass
1	1	2412	-12.98	3.01	-9.97	7.37	Pass
	2	2417	-11.64	3.01	-8.63	7.37	Pass
	6	2437	-8.95	3.01	-5.94	7.37	Pass
	10	2457	-11.47	3.01	-8.46	7.37	Pass
	11	2462	-13.92	3.01	-10.91	7.37	Pass
	12	2467	-16.19	3.01	-13.18	7.37	Pass
	13	2472	-24.55	3.01	-21.54	7.37	Pass

Note: 1. Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8 - (6.63 - 6) = 7.37\text{dBm}$.

802.11ax (HE40)

TX chain	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	3	2422	-18.17	3.01	-15.16	7.37	Pass
	4	2427	-16.41	3.01	-13.40	7.37	Pass
	6	2437	-10.77	3.01	-7.76	7.37	Pass
	8	2447	-16.25	3.01	-13.24	7.37	Pass
	9	2452	-17.74	3.01	-14.73	7.37	Pass
	10	2457	-23.15	3.01	-20.14	7.37	Pass
	11	2462	-26.48	3.01	-23.47	7.37	Pass
1	3	2422	-18.08	3.01	-15.07	7.37	Pass
	4	2427	-16.29	3.01	-13.28	7.37	Pass
	6	2437	-13.58	3.01	-10.57	7.37	Pass
	8	2447	-16.57	3.01	-13.56	7.37	Pass
	9	2452	-19.01	3.01	-16.00	7.37	Pass
	10	2457	-22.79	3.01	-19.78	7.37	Pass
	11	2462	-27.29	3.01	-24.28	7.37	Pass

Note: 1. Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8 - (6.63 - 6) = 7.37\text{dBm}$.

20MHz Preamble

TX chain	RU Configuration	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	26/0	1	2412	-1.69	3.01	1.32	7.37	Pass
	26/0	2	2417	-2.17	3.01	0.84	7.37	Pass
	26/4	6	2437	2.64	3.01	5.65	7.37	Pass
	26/8	10	2457	-2.75	3.01	0.26	7.37	Pass
	26/8	11	2462	-6.48	3.01	-3.47	7.37	Pass
	26/8	12	2467	-13.85	3.01	-10.84	7.37	Pass
	26/8	13	2472	-16.95	3.01	-13.94	7.37	Pass
	52/37	1	2412	-4.28	3.01	-1.27	7.37	Pass
	52/37	2	2417	-3.66	3.01	-0.65	7.37	Pass
	52/38	6	2437	0.09	3.01	3.10	7.37	Pass
	52/40	10	2457	-5.02	3.01	-2.01	7.37	Pass
	52/40	11	2462	-9.37	3.01	-6.36	7.37	Pass
	52/40	12	2467	-15.94	3.01	-12.93	7.37	Pass
	52/40	13	2472	-18.41	3.01	-15.40	7.37	Pass
	106/53	1	2412	-6.90	3.01	-3.89	7.37	Pass
	106/53	2	2417	-6.38	3.01	-3.37	7.37	Pass
	106/53	6	2437	-3.41	3.01	-0.40	7.37	Pass
	106/54	10	2457	-8.06	3.01	-5.05	7.37	Pass
	106/54	11	2462	-10.65	3.01	-7.64	7.37	Pass
	106/54	12	2467	-18.41	3.01	-15.40	7.37	Pass
	106/54	13	2472	-20.33	3.01	-17.32	7.37	Pass
	242/61	1	2412	-16.37	3.01	-13.36	7.37	Pass
		2	2417	-11.70	3.01	-8.69	7.37	Pass
		6	2437	-6.54	3.01	-3.53	7.37	Pass
		10	2457	-11.25	3.01	-8.24	7.37	Pass
		11	2462	-15.01	3.01	-12.00	7.37	Pass
		12	2467	-20.03	3.01	-17.02	7.37	Pass
		13	2472	-19.74	3.01	-16.73	7.37	Pass

TX chain	RU Configuration	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
1	26/0	1	2412	-2.11	3.01	0.90	7.37	Pass
	26/0	2	2417	-1.71	3.01	1.30	7.37	Pass
	26/4	6	2437	2.44	3.01	5.45	7.37	Pass
	26/8	10	2457	-2.86	3.01	0.15	7.37	Pass
	26/8	11	2462	-7.31	3.01	-4.30	7.37	Pass
	26/8	12	2467	-13.47	3.01	-10.46	7.37	Pass
	26/8	13	2472	-16.50	3.01	-13.49	7.37	Pass
	52/37	1	2412	-4.59	3.01	-1.58	7.37	Pass
	52/37	2	2417	-4.55	3.01	-1.54	7.37	Pass
	52/38	6	2437	-0.89	3.01	2.12	7.37	Pass
	52/40	10	2457	-5.11	3.01	-2.10	7.37	Pass
	52/40	11	2462	-9.10	3.01	-6.09	7.37	Pass
	52/40	12	2467	-15.35	3.01	-12.34	7.37	Pass
	52/40	13	2472	-18.18	3.01	-15.17	7.37	Pass
	106/53	1	2412	-6.51	3.01	-3.50	7.37	Pass
	106/53	2	2417	-6.87	3.01	-3.86	7.37	Pass
	106/53	6	2437	-3.19	3.01	-0.18	7.37	Pass
	106/54	10	2457	-7.94	3.01	-4.93	7.37	Pass
	106/54	11	2462	-11.10	3.01	-8.09	7.37	Pass
	106/54	12	2467	-18.17	3.01	-15.16	7.37	Pass
	106/54	13	2472	-20.08	3.01	-17.07	7.37	Pass
	242/61	1	2412	-17.23	3.01	-14.22	7.37	Pass
		2	2417	-10.86	3.01	-7.85	7.37	Pass
		6	2437	-7.20	3.01	-4.19	7.37	Pass
		10	2457	-10.38	3.01	-7.37	7.37	Pass
		11	2462	-14.50	3.01	-11.49	7.37	Pass
		12	2467	-20.28	3.01	-17.27	7.37	Pass
		13	2472	-18.86	3.01	-15.85	7.37	Pass

Note: 1. Directional gain = 3.62dBi + 10log(2) = 6.63dBi > 6dBi, so the power density limit shall be reduced to 8-(6.63-6) = 7.37dBm.

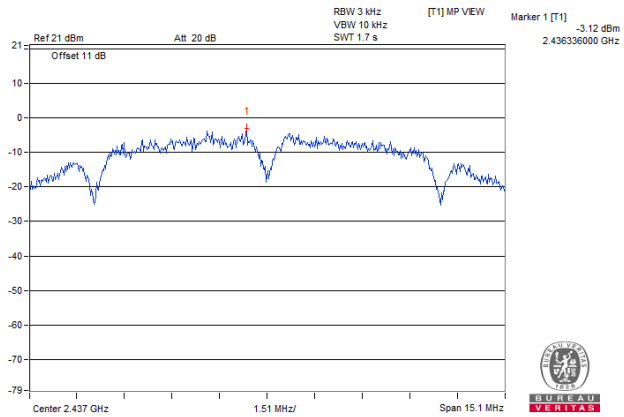
40MHz Preamble

TX chain	RU Configuration	Channel	Freq. (MHz)	PSD (dBm/3kHz)	10 log (N=2) dB	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Pass /Fail
0	484/65	3	2422	-20.94	3.01	-17.93	7.37	Pass
		4	2427	-19.82	3.01	-16.81	7.37	Pass
		6	2437	-13.38	3.01	-10.37	7.37	Pass
		8	2447	-19.24	3.01	-16.23	7.37	Pass
		9	2452	-20.70	3.01	-17.69	7.37	Pass
		10	2457	-24.73	3.01	-21.72	7.37	Pass
		11	2462	-25.64	3.01	-22.63	7.37	Pass
1	484/65	3	2422	-20.68	3.01	-17.67	7.37	Pass
		4	2427	-19.82	3.01	-16.81	7.37	Pass
		6	2437	-14.22	3.01	-11.21	7.37	Pass
		8	2447	-19.84	3.01	-16.83	7.37	Pass
		9	2452	-20.57	3.01	-17.56	7.37	Pass
		10	2457	-23.95	3.01	-20.94	7.37	Pass
		11	2462	-25.59	3.01	-22.58	7.37	Pass

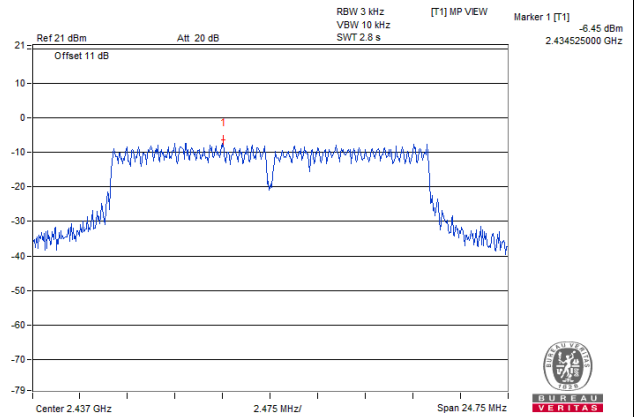
Note: 1. Directional gain = $3.62\text{dBi} + 10\log(2) = 6.63\text{dBi} > 6\text{dBi}$, so the power density limit shall be reduced to $8 - (6.63 - 6) = 7.37\text{dBm}$.

Spectrum Plot of Worst Value

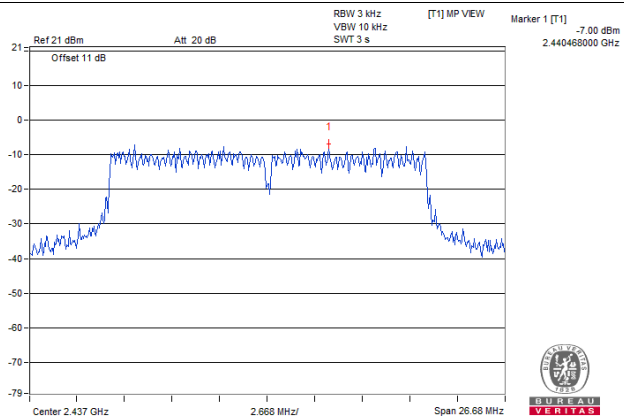
802.11b / Chain 0: CH6



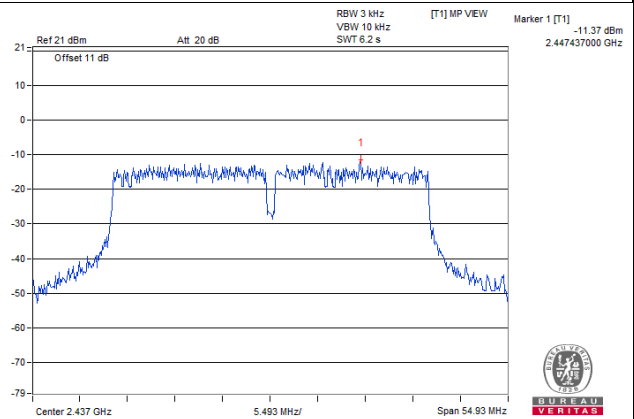
802.11g / Chain 0 : CH6



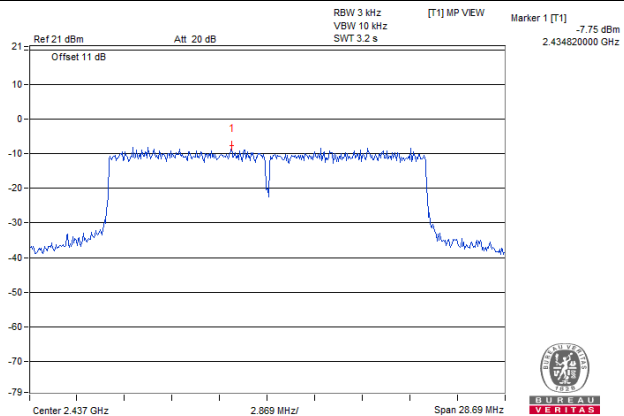
VHT20 / Chain 1: CH6



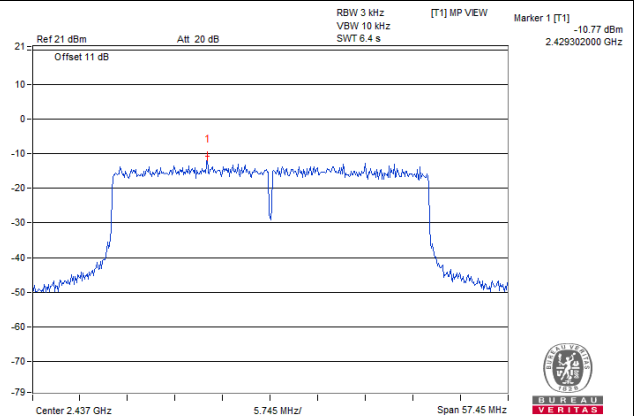
VHT40 / Chain 1: CH6



802.11ax (HE20) / Chain 0: CH6

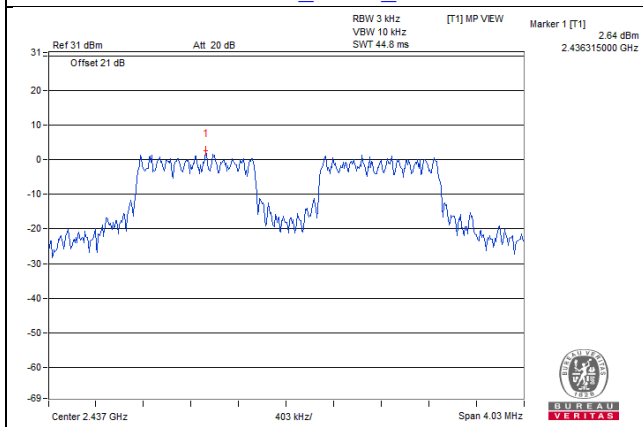


802.11ax (HE40) / Chain 0: CH6

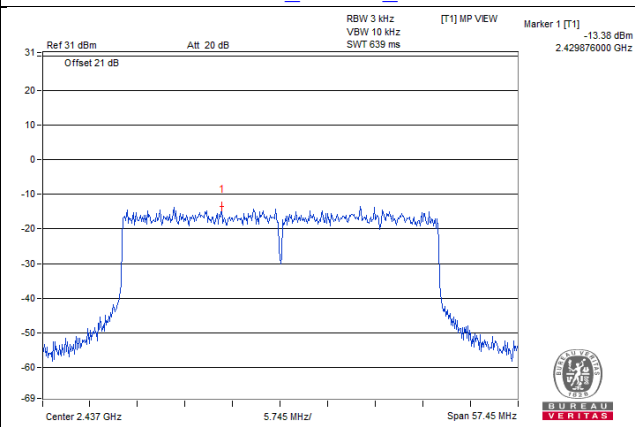


Spectrum Plot of Worst Value

20MHz Preamble_RU26_Chain 0 / CH6



40MHz Preamble_RU484_Chain 0 / CH6

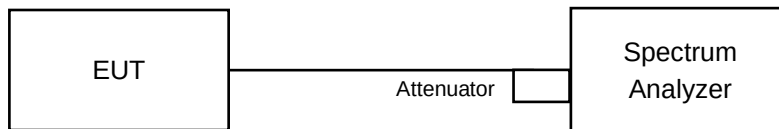


4.6 Conducted Out of Band Emission Measurement

4.6.1 Limits of Conducted Out of Band Emission Measurement

Below -20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

4.6.2 Test Setup



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedure

MEASUREMENT PROCEDURE REF

1. Set the RBW = 100 kHz.
2. Set the VBW $\geq$ 300 kHz.
3. Detector = peak.
4. Sweep time = auto couple.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

MEASUREMENT PROCEDURE OOBE

1. Set RBW = 100 kHz.
2. Set VBW $\geq$ 300 kHz.
3. Detector = peak.
4. Sweep = auto couple.
5. Trace Mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum amplitude level.

4.6.5 Deviation from Test Standard

No deviation.

4.6.6 EUT Operating Condition

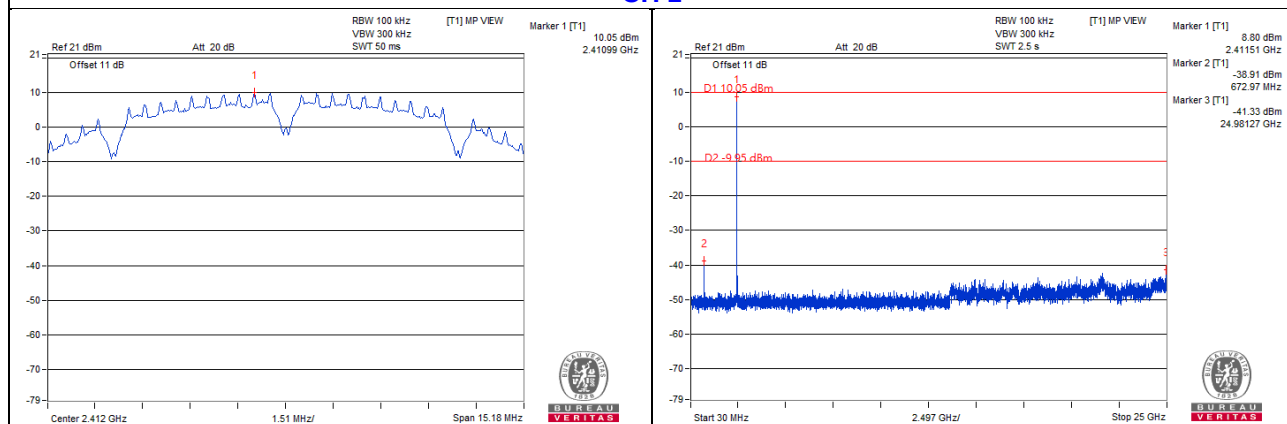
Same as Item 4.3.6

4.6.7 Test Results

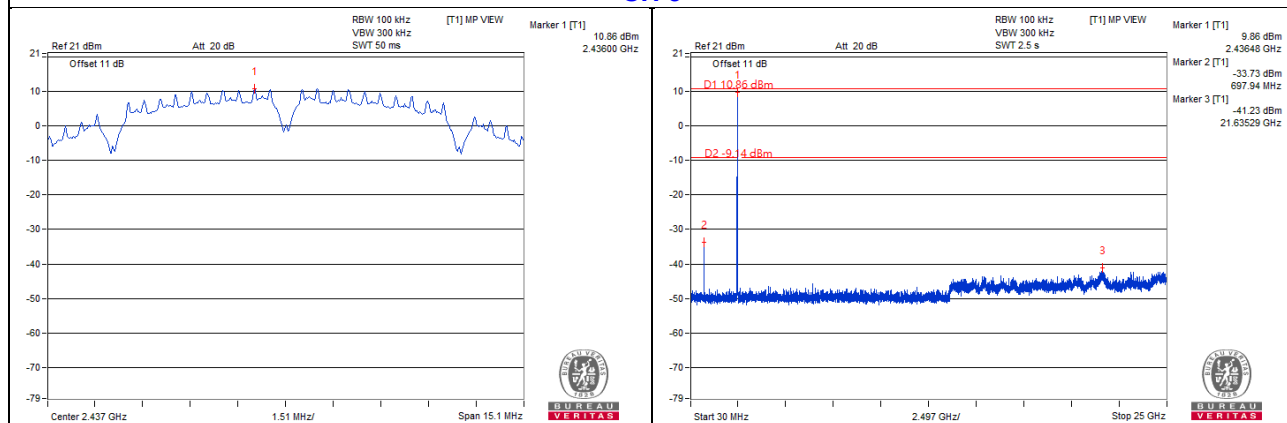
The spectrum plots are attached on the following pages. D1 line indicates the highest level, and D2 line indicates the 20dB offset below D1. It shows compliance with the requirement.

802.11b - Chain 0

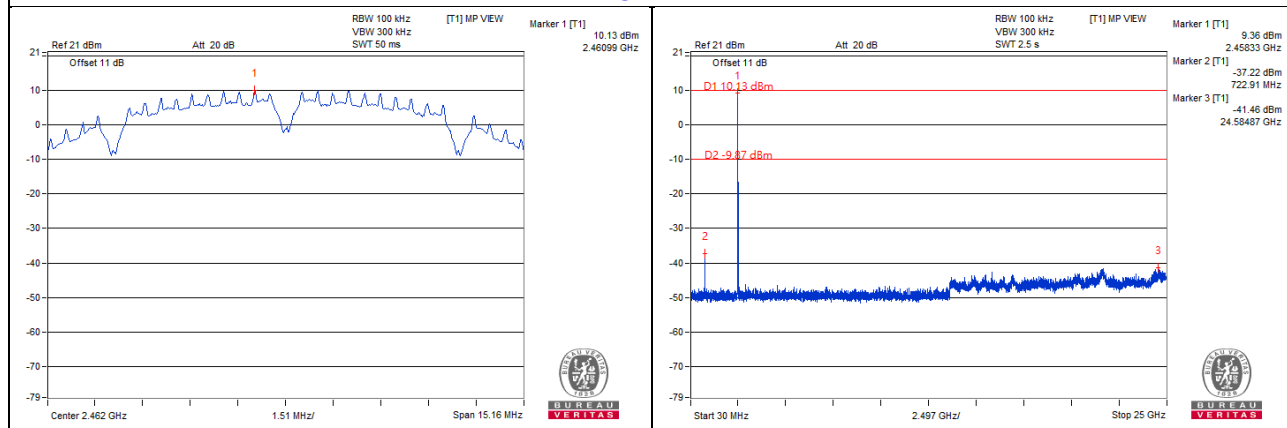
CH 1



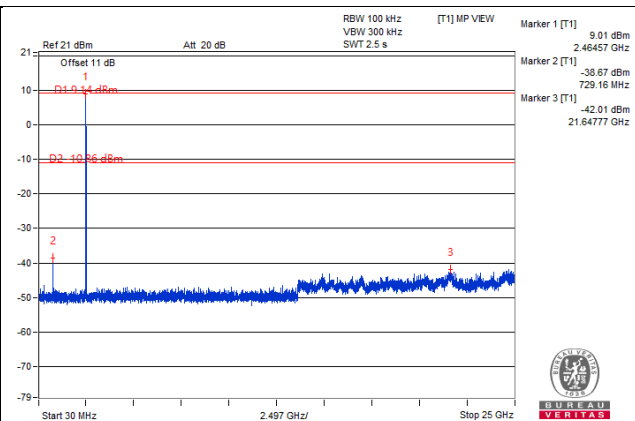
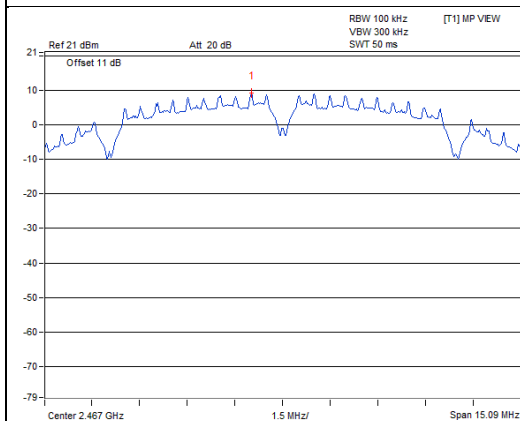
CH 6



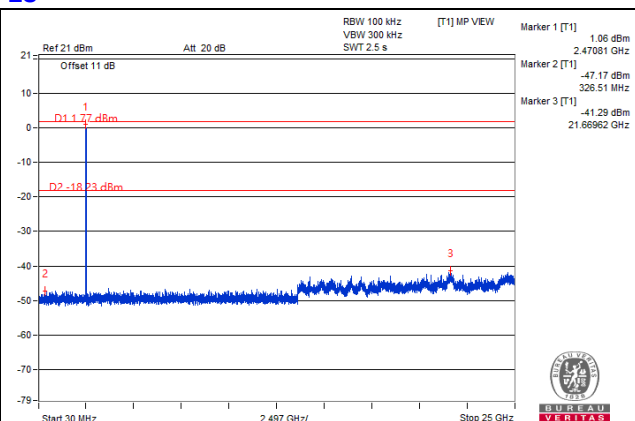
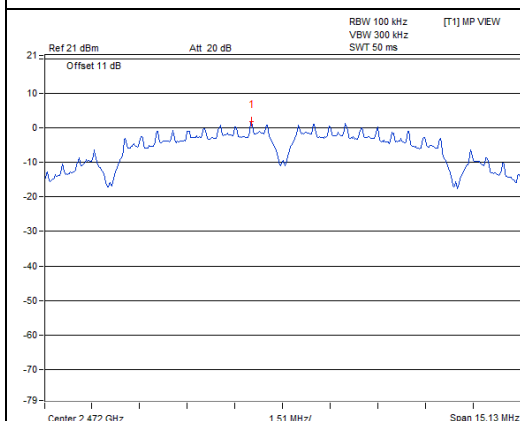
CH 11



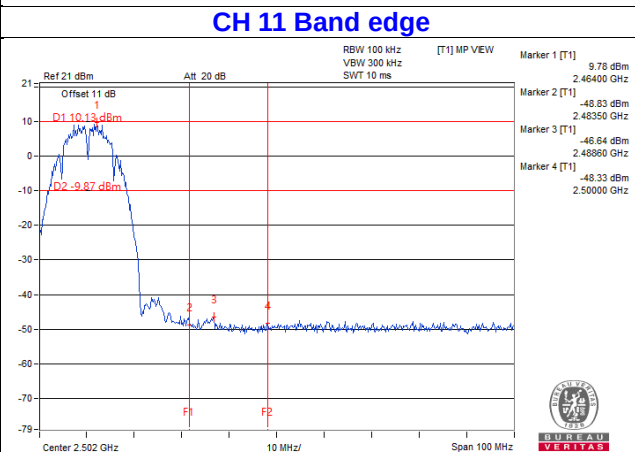
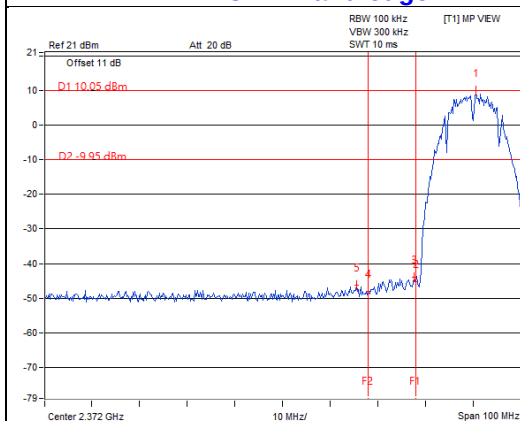
CH 12



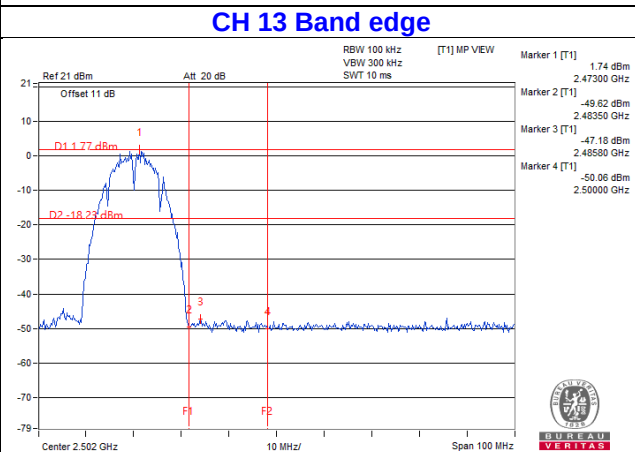
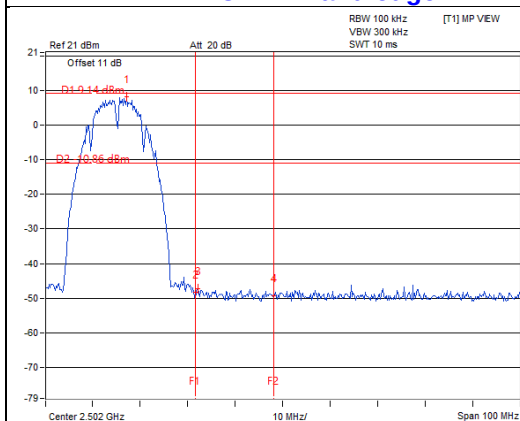
CH 13



CH 1 Band edge

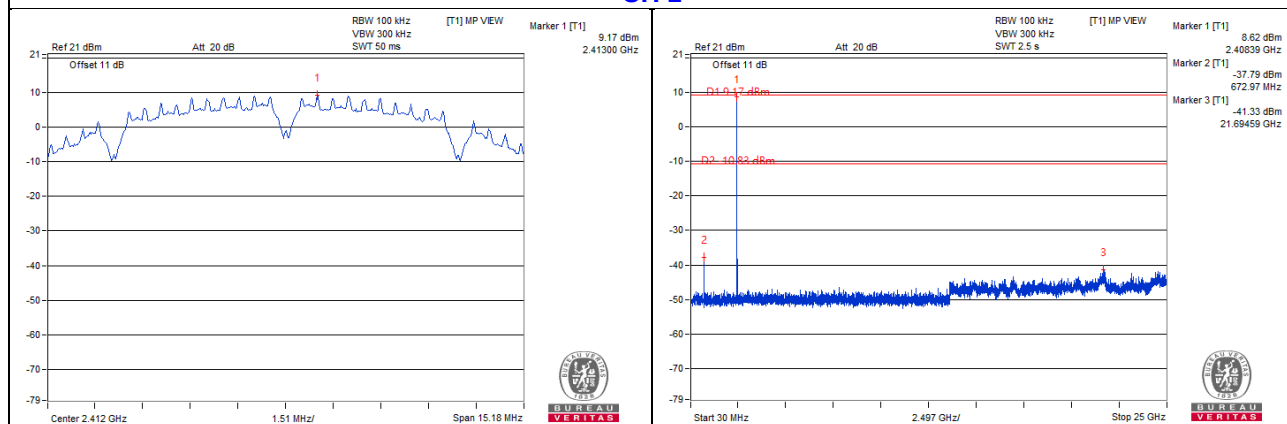


CH 12 Band edge

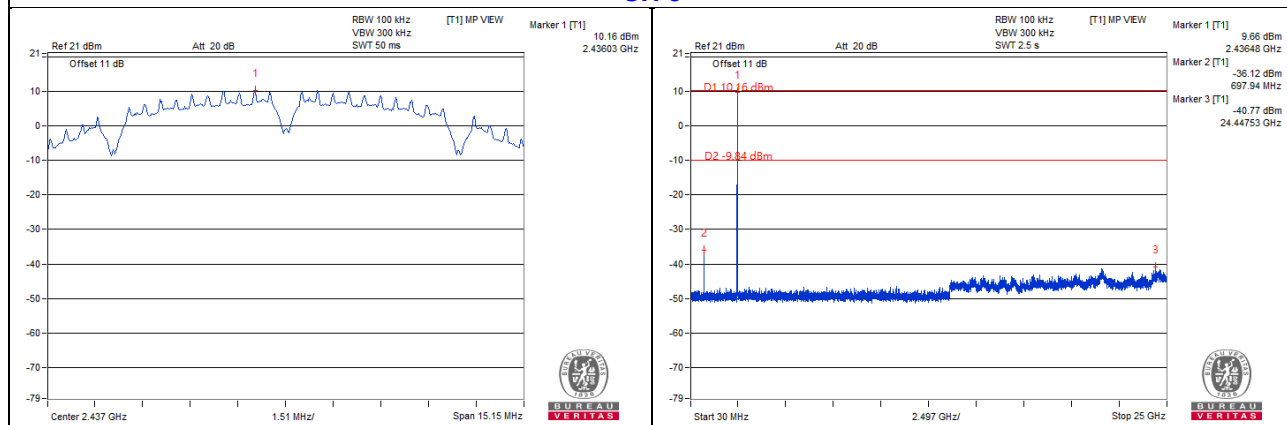


Chain 1

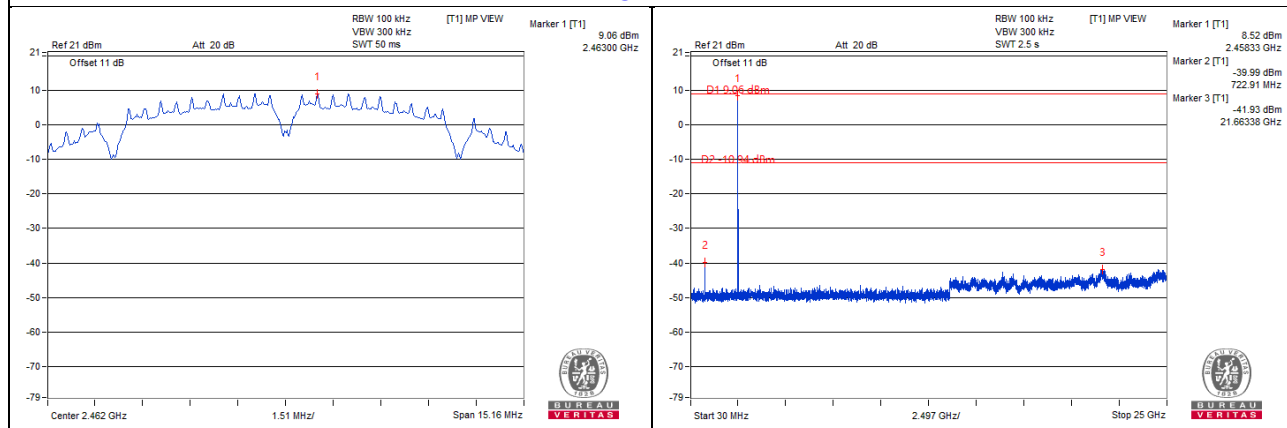
CH 1



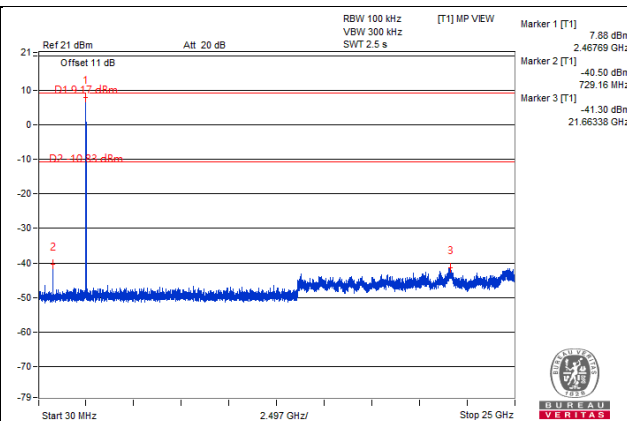
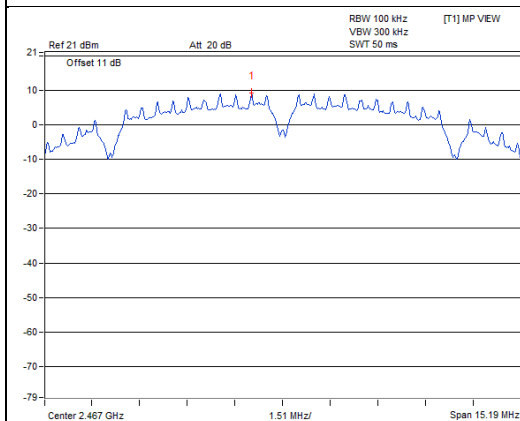
CH 6



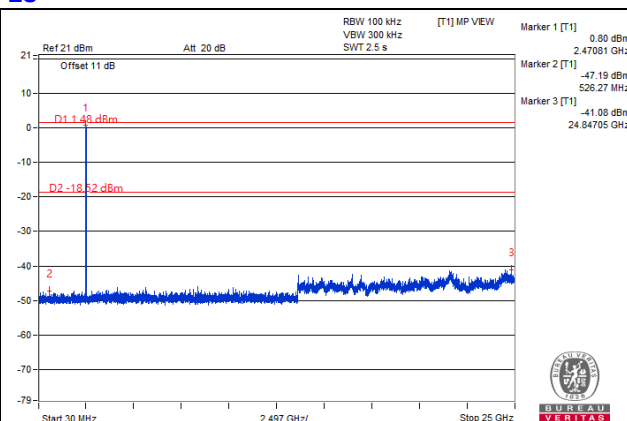
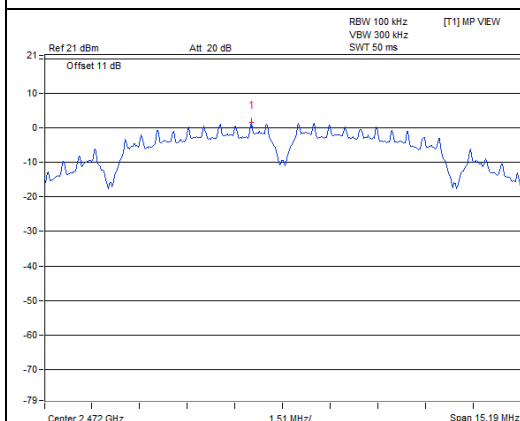
CH 11



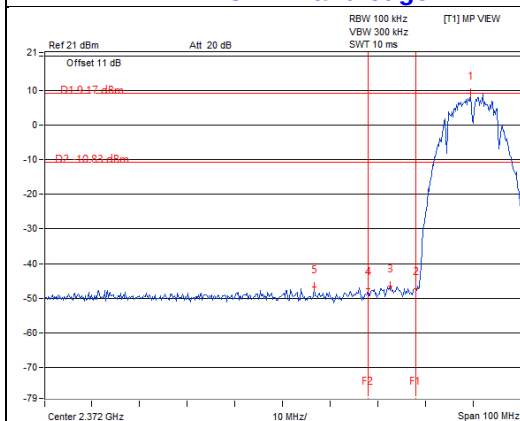
CH 12



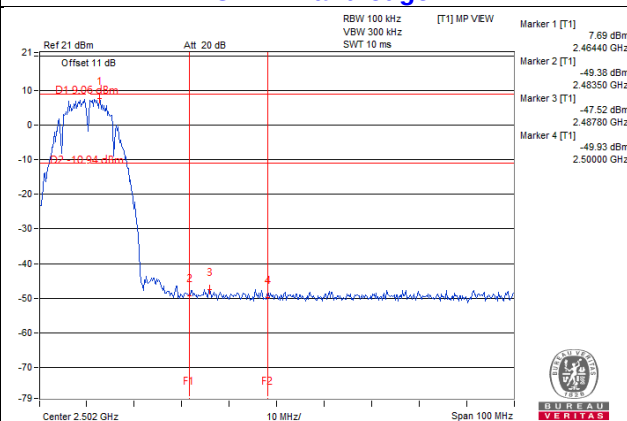
CH 13



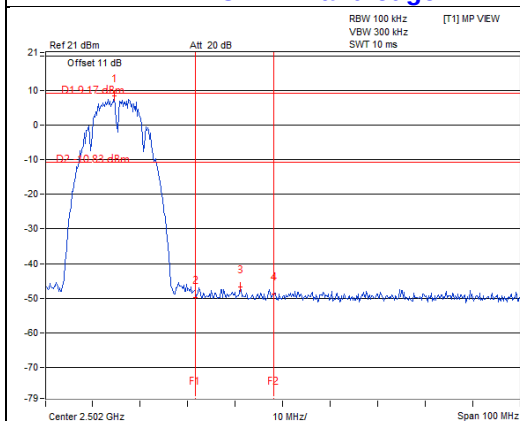
CH 1 Band edge



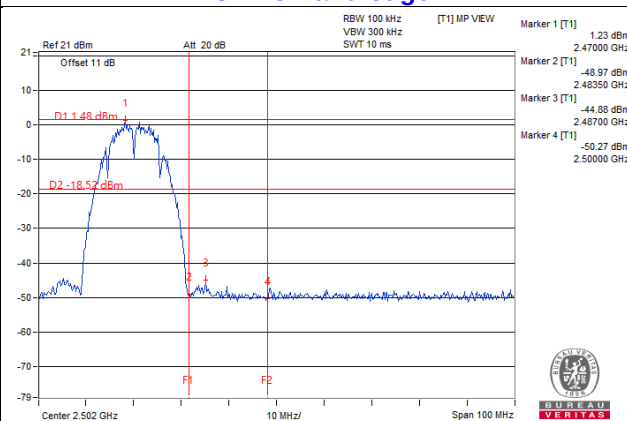
CH 11 Band edge



CH 12 Band edge

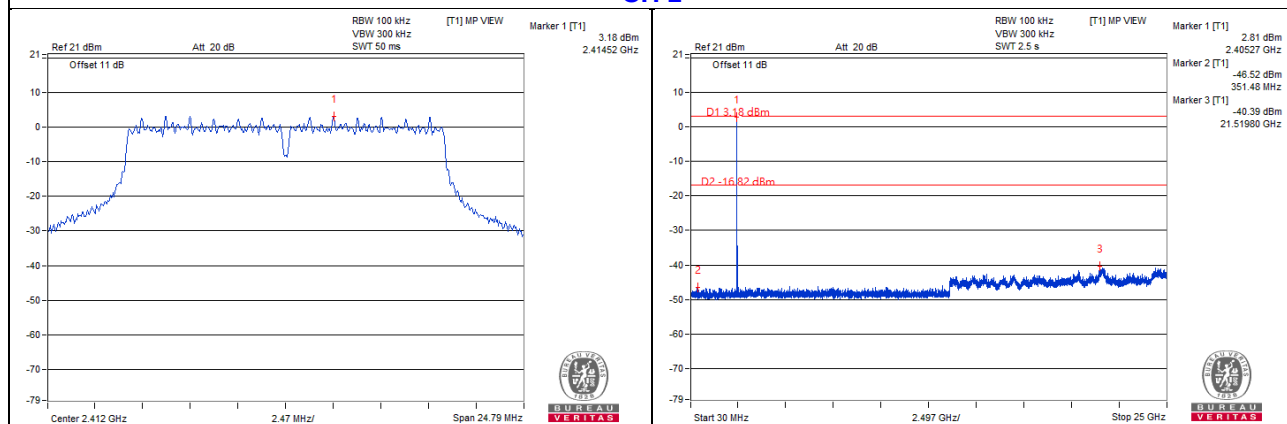


CH 13 Band edge

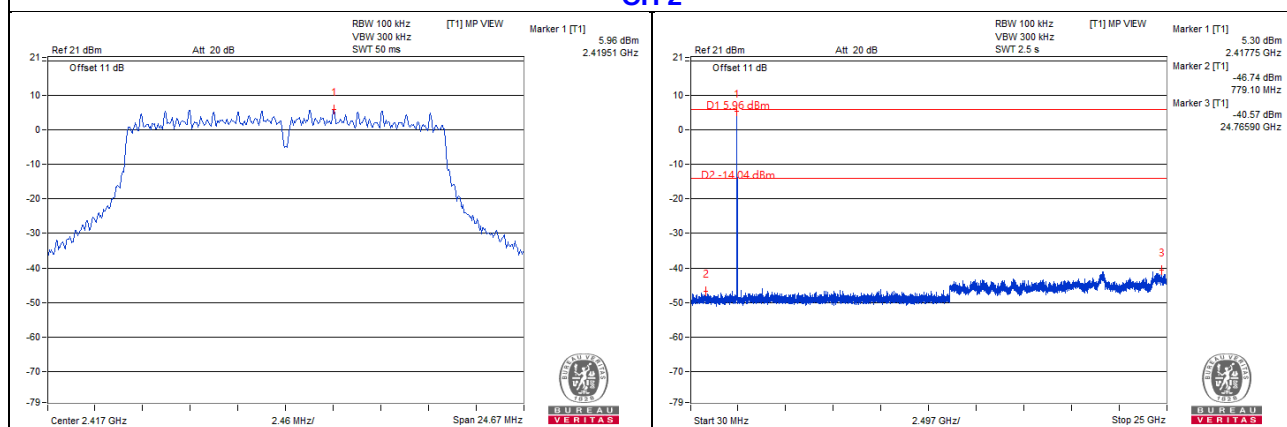


802.11g - Chain 0

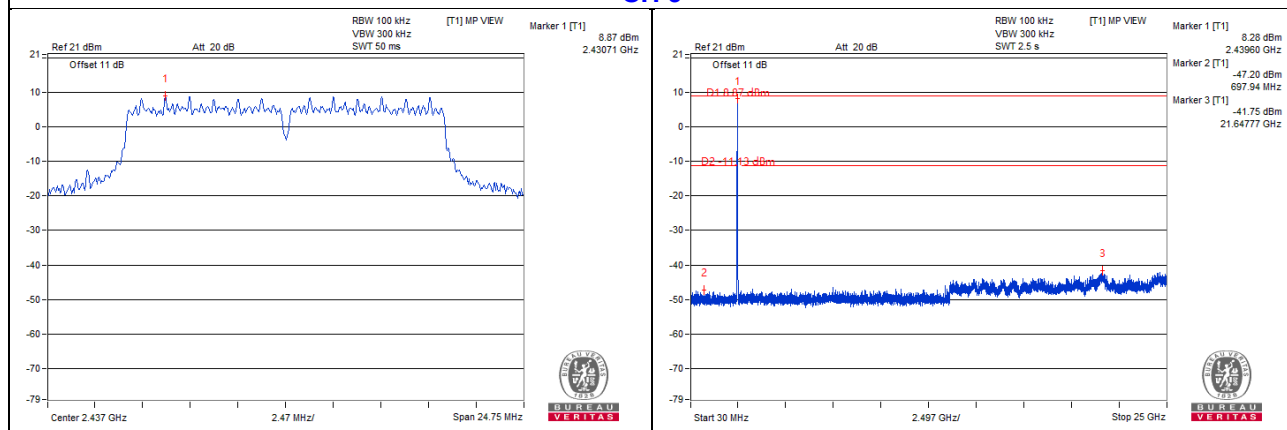
CH 1



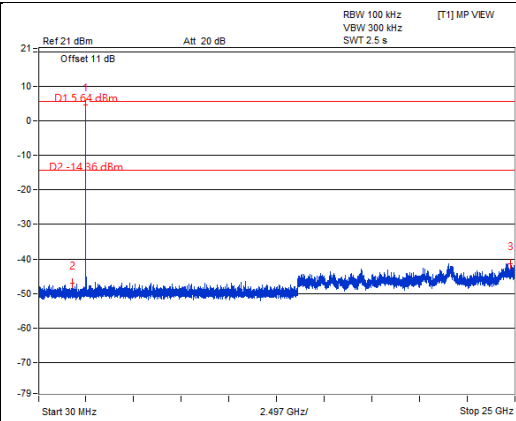
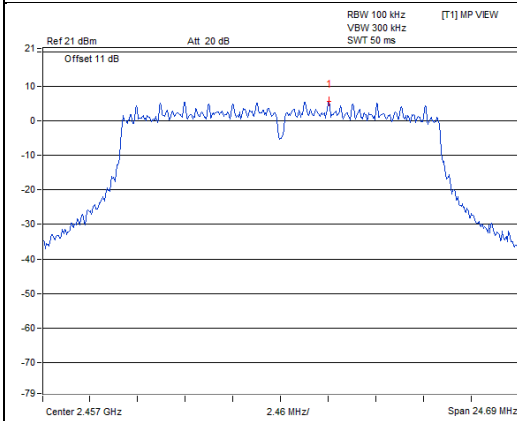
CH 2



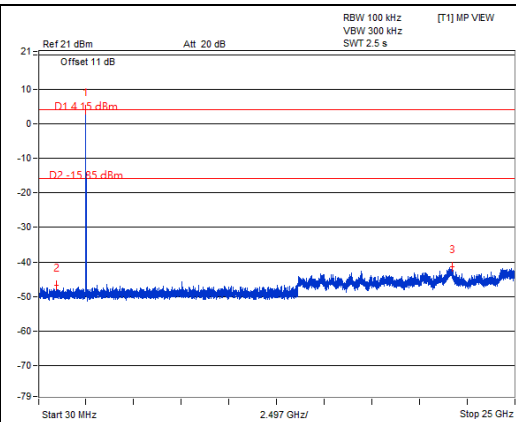
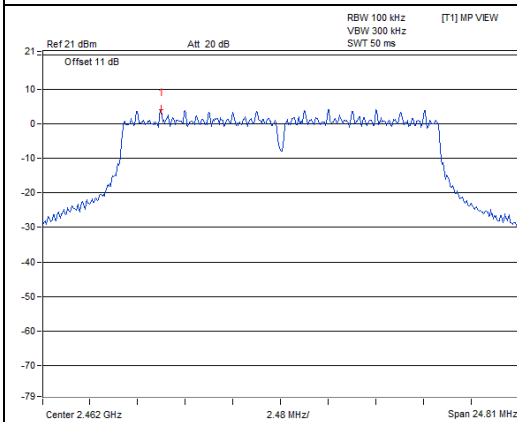
CH 6



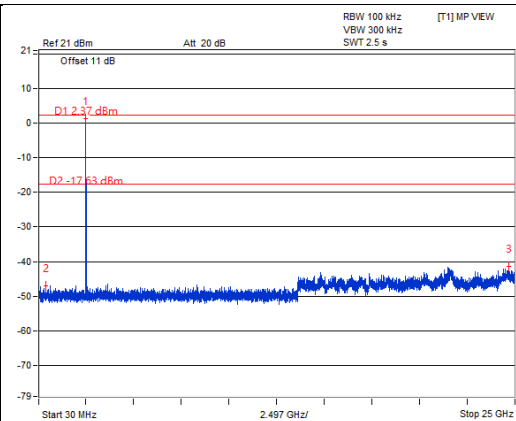
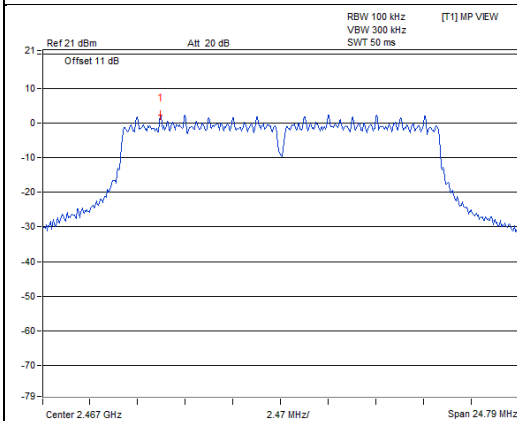
CH 10



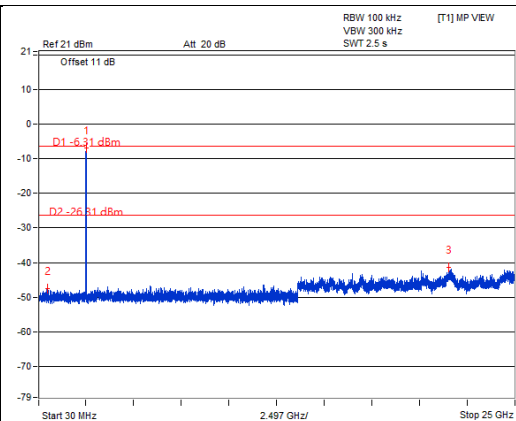
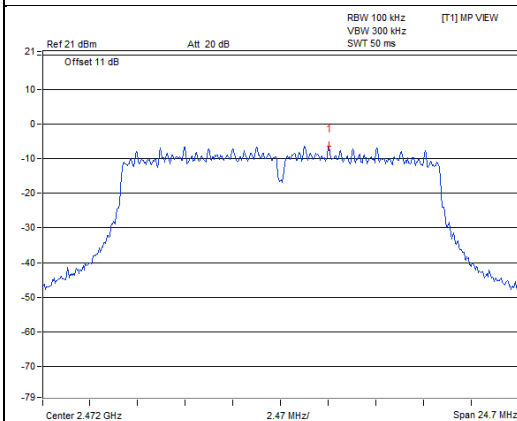
CH 11



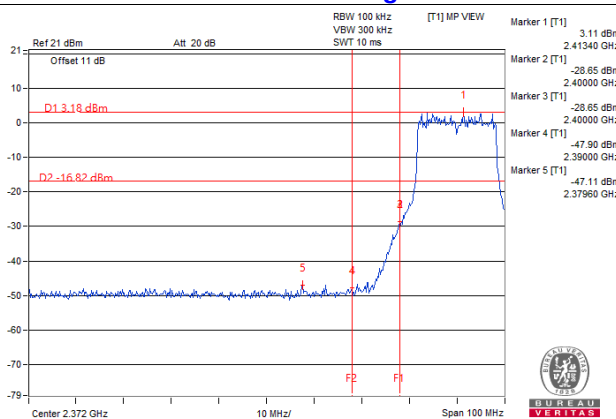
CH 12



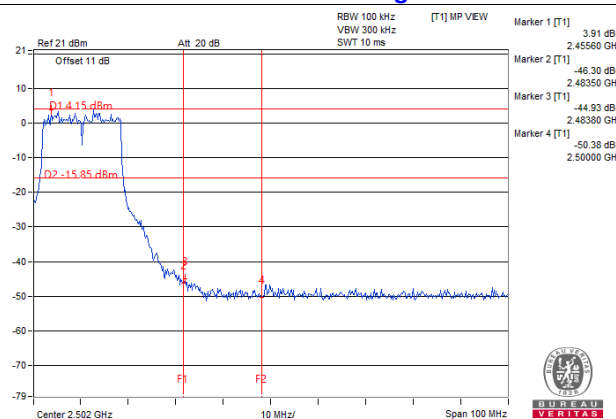
CH 13



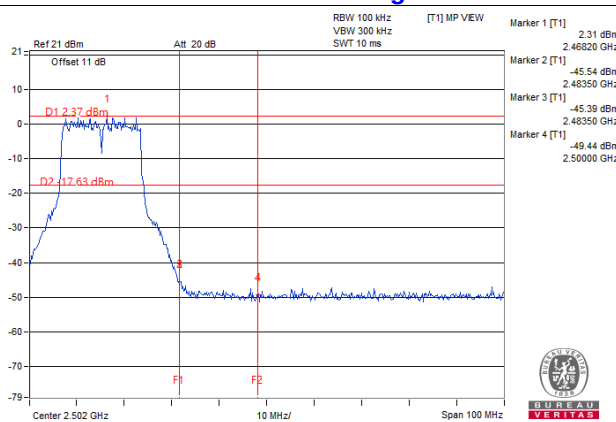
CH 1 Band edge



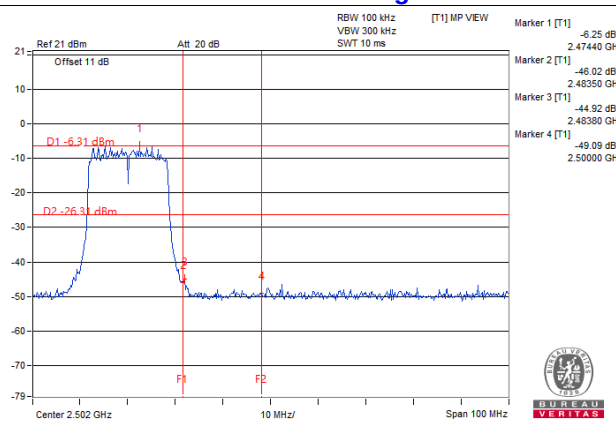
CH 11 Band edge



CH 12 Band edge

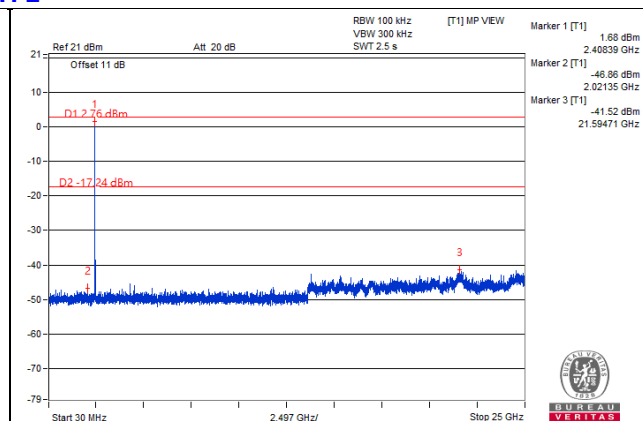
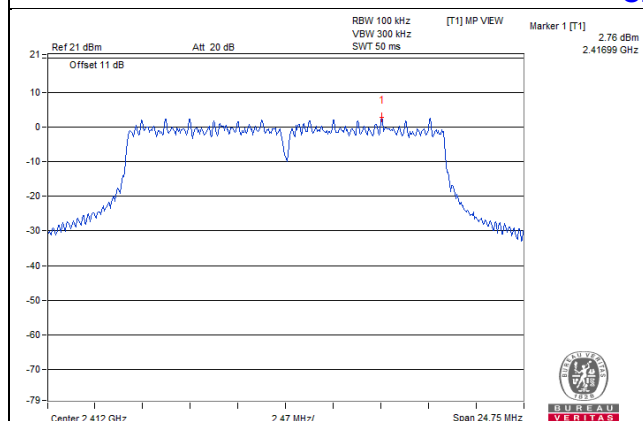


CH 13 Band edge

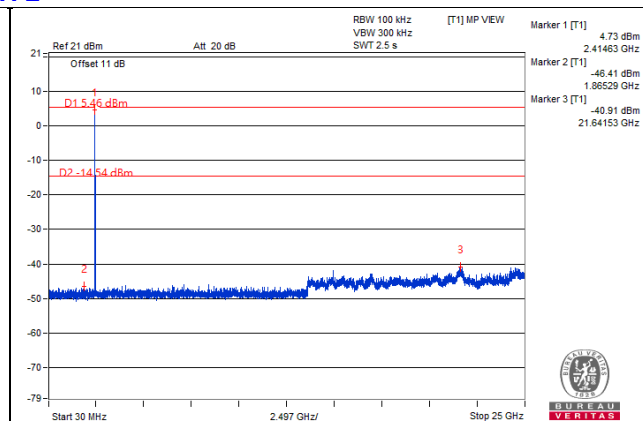
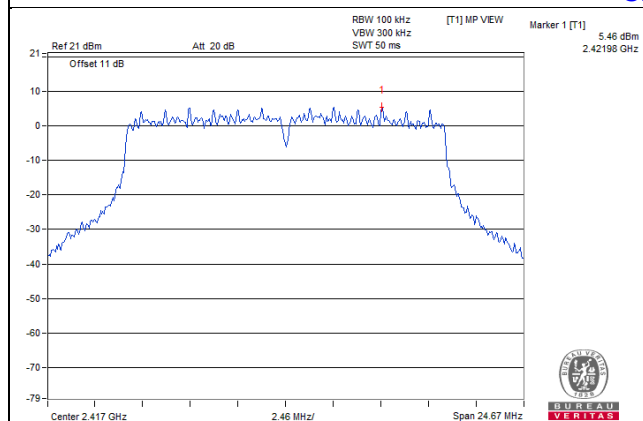


Chain 1

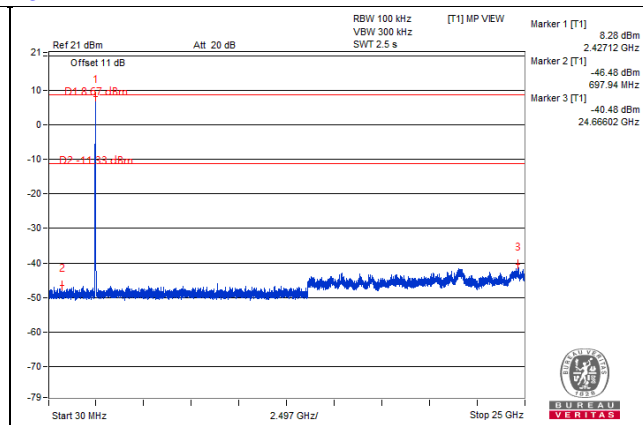
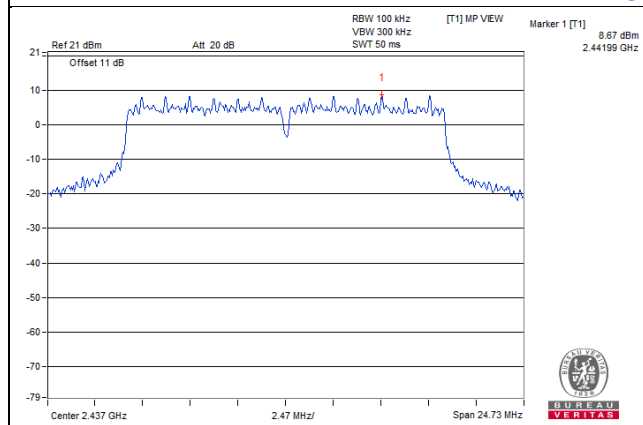
CH 1



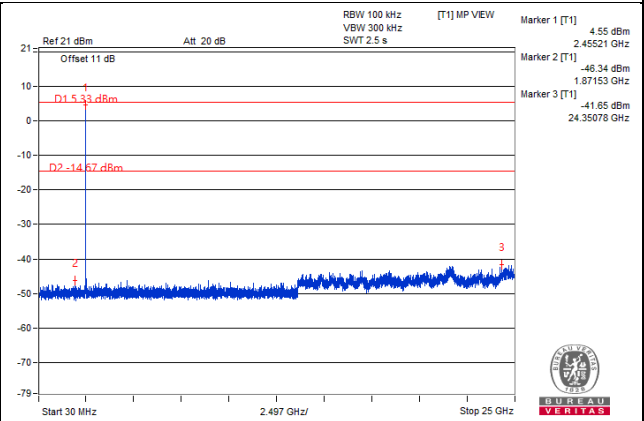
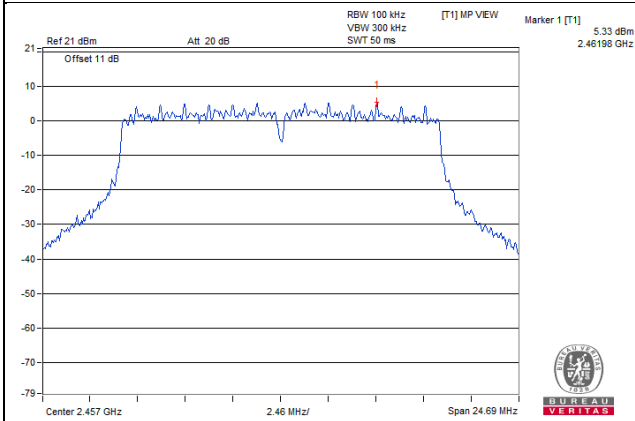
CH 2



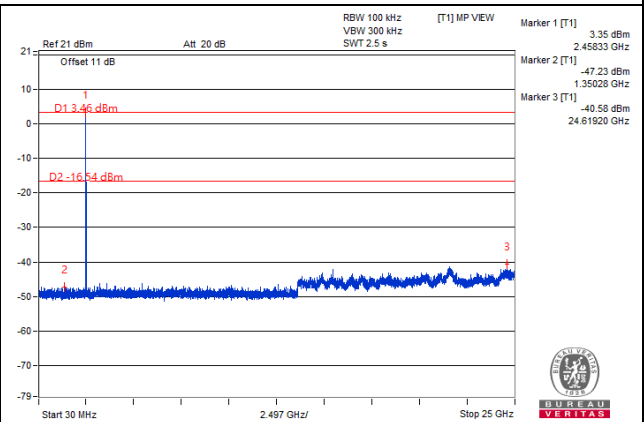
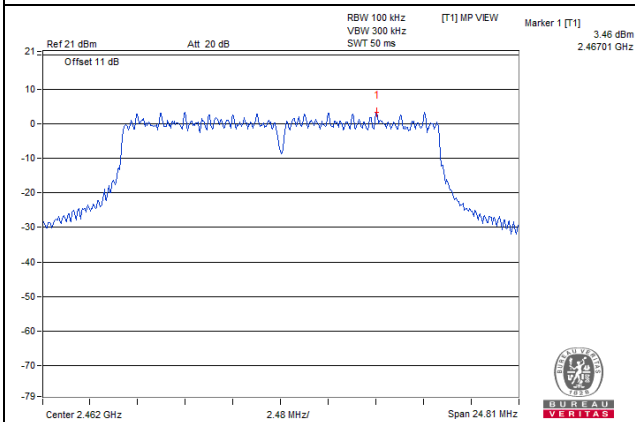
CH 6



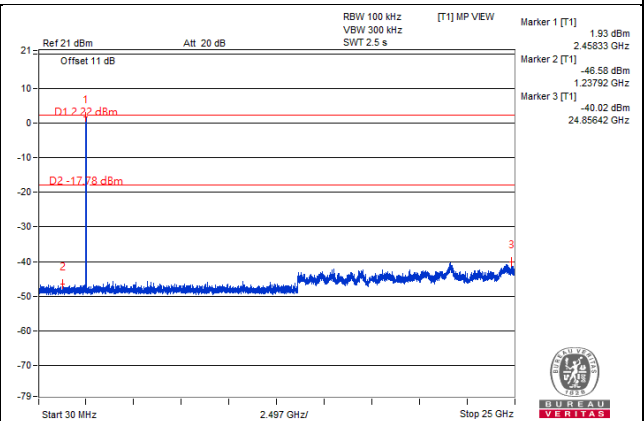
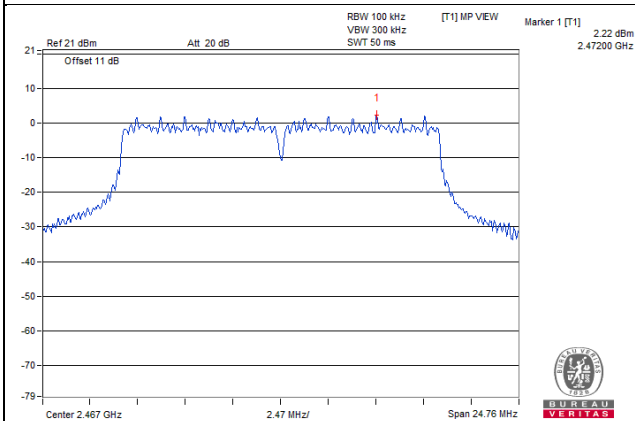
CH 10



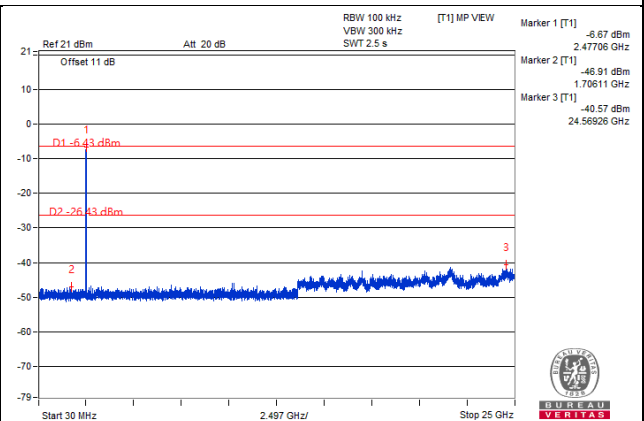
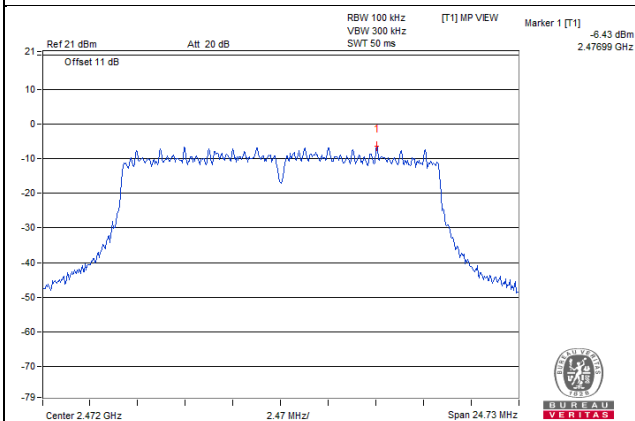
CH 11



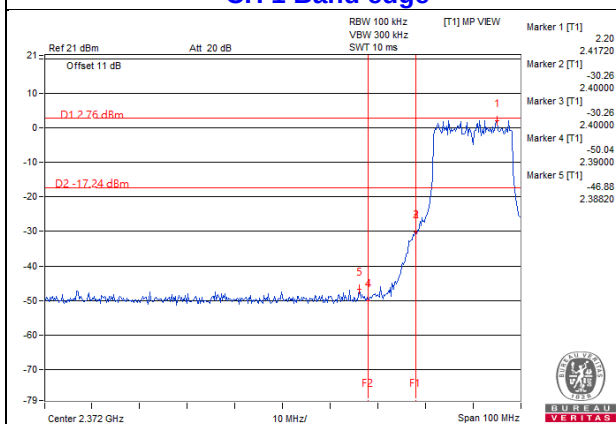
CH 12



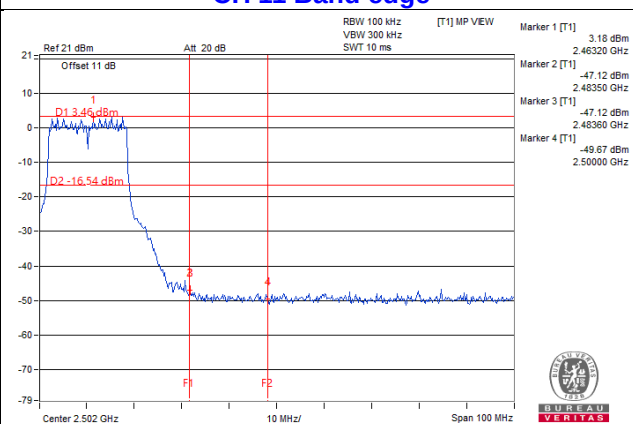
CH 13



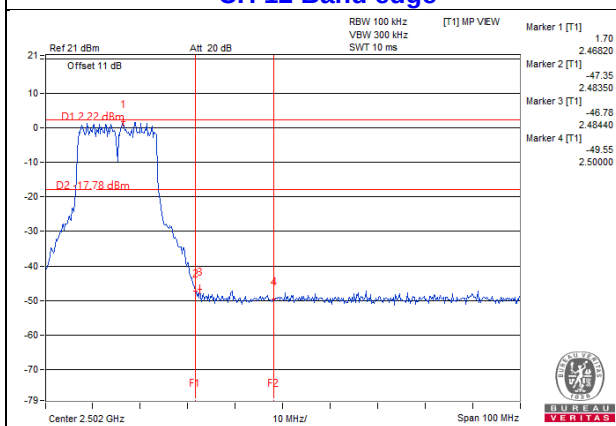
CH 1 Band edge



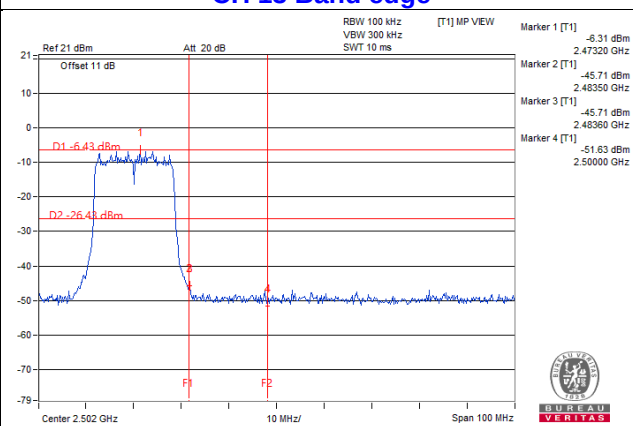
CH 11 Band edge



CH 12 Band edge

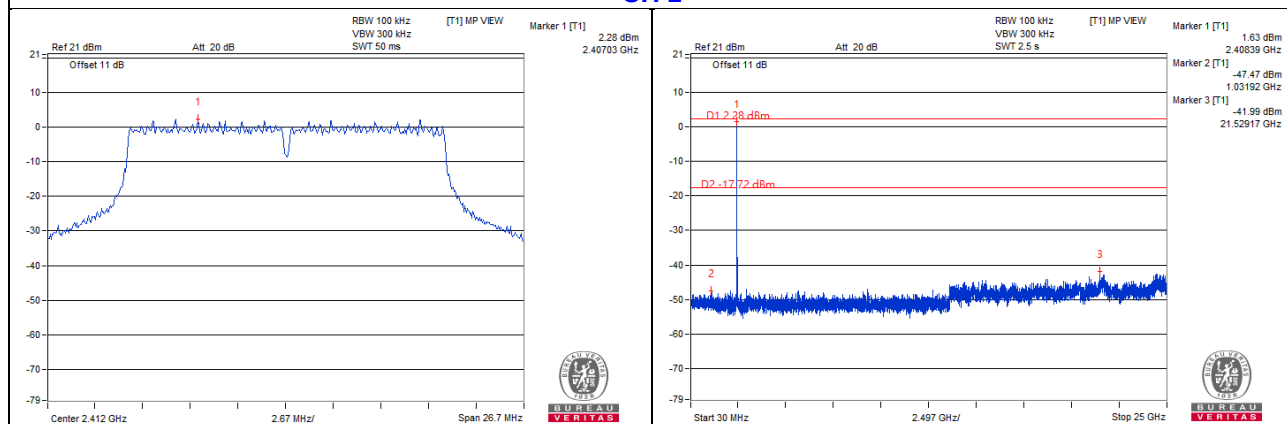


CH 13 Band edge

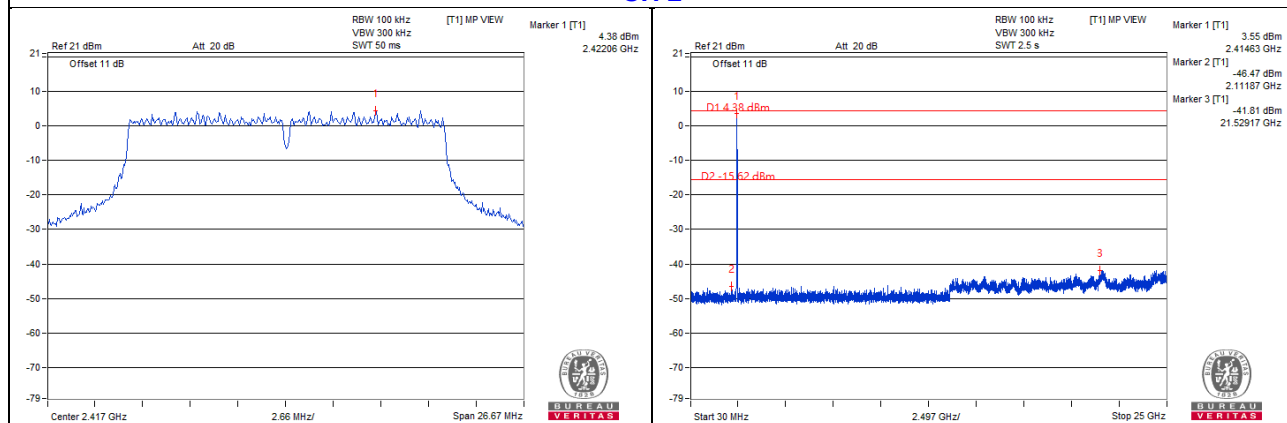


VHT20 - Chain 0

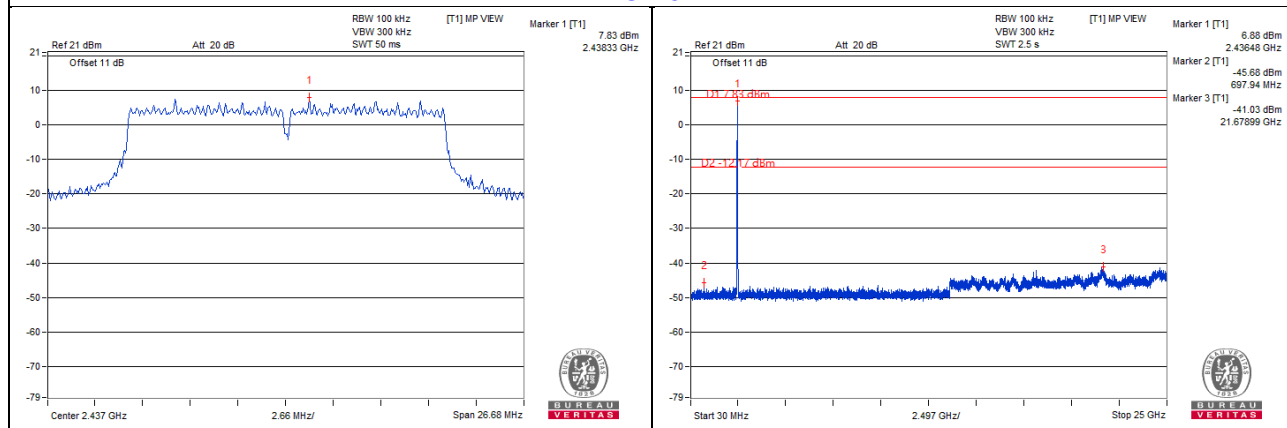
CH 1



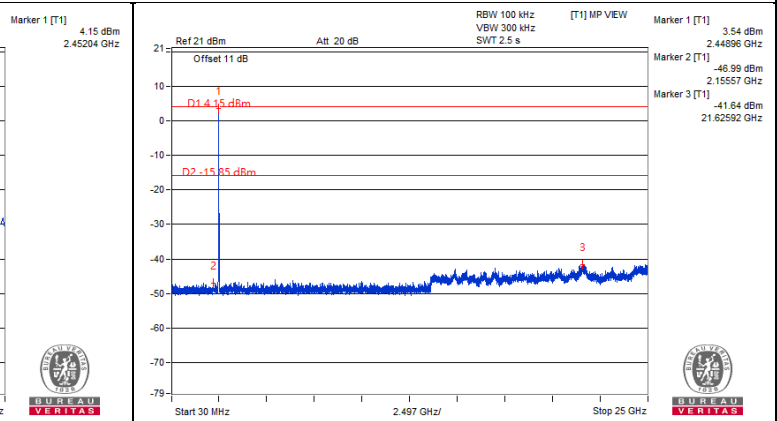
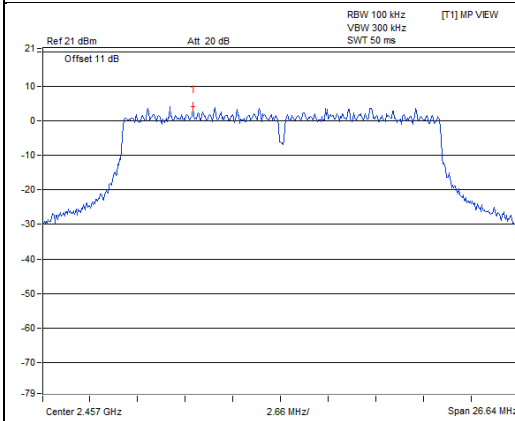
CH 2



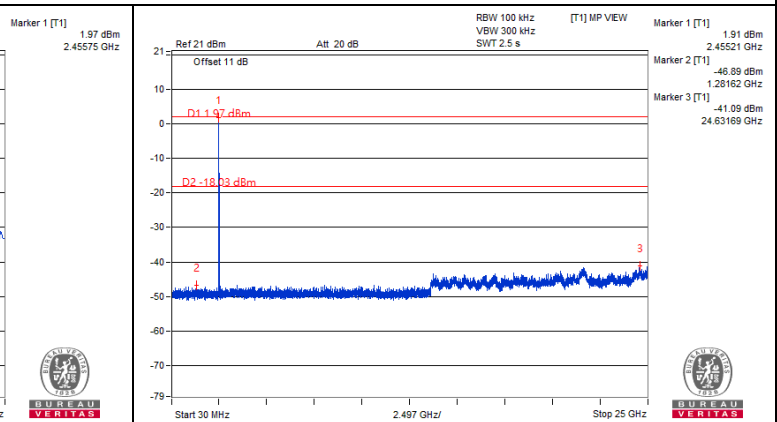
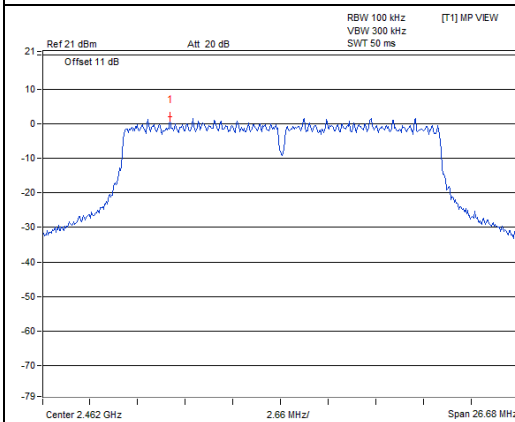
CH 6



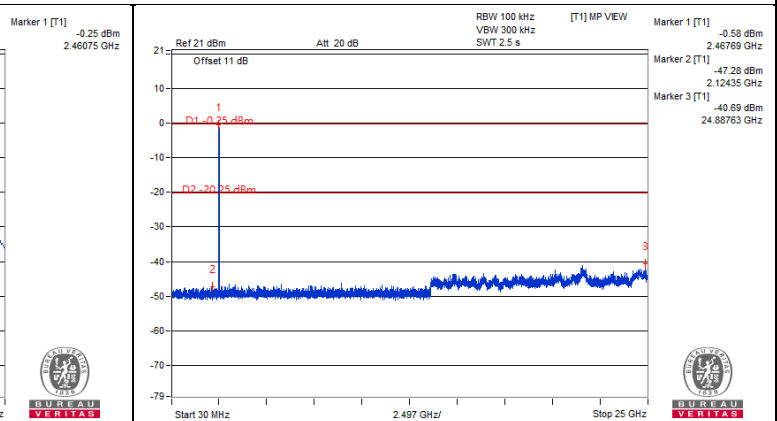
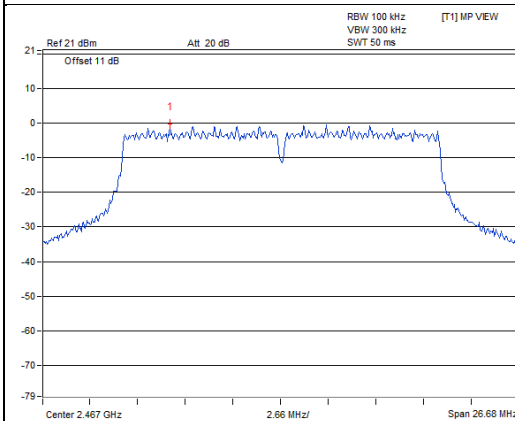
CH 10



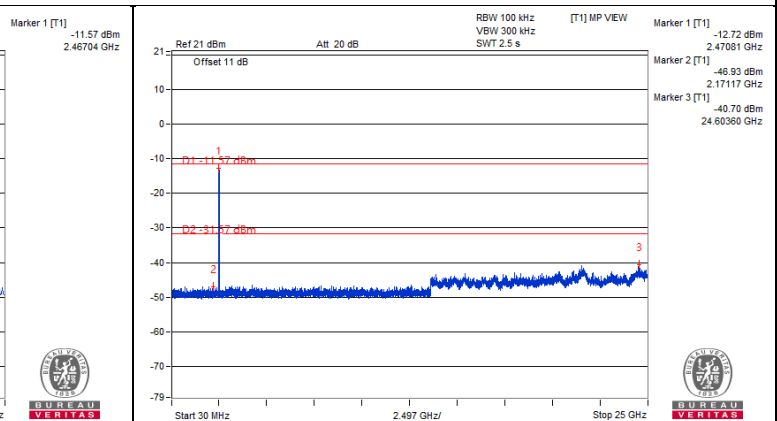
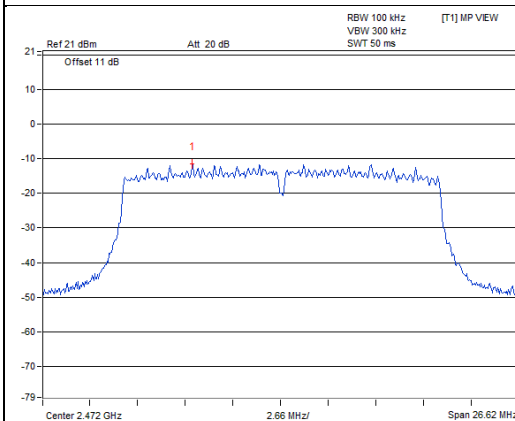
CH 11



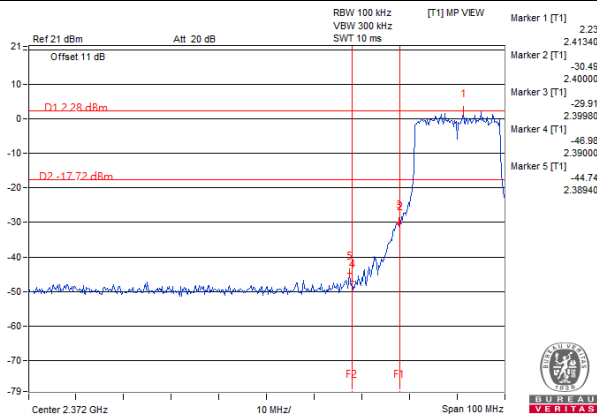
CH 12



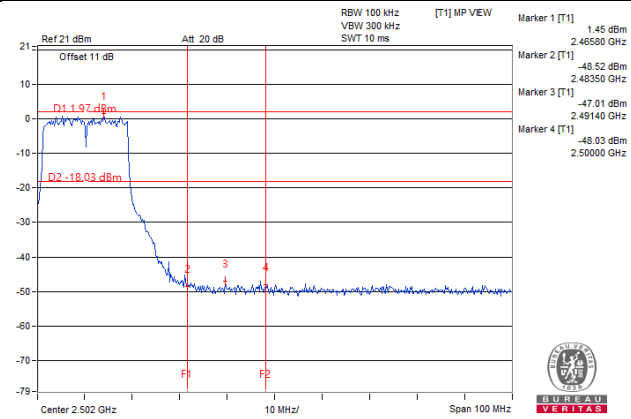
CH 13



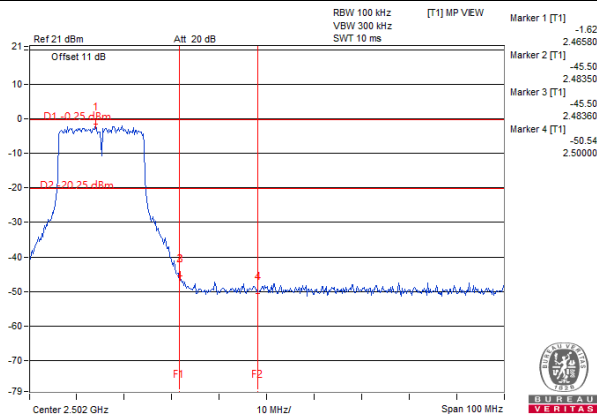
CH 1 Band edge



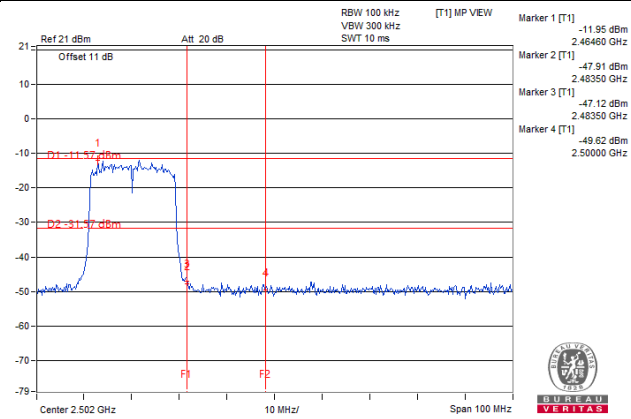
CH 11 Band edge



CH 12 Band edge

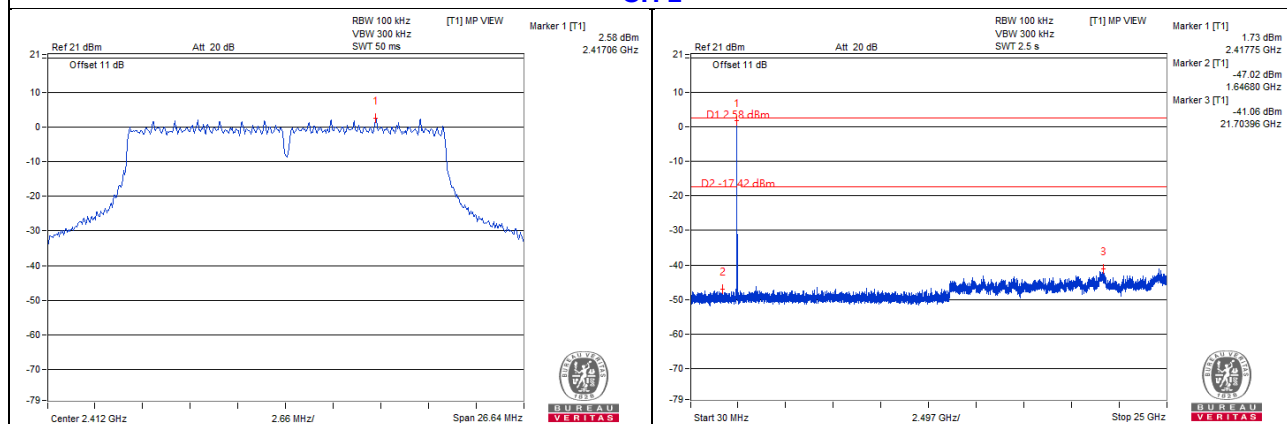


CH 13 Band edge

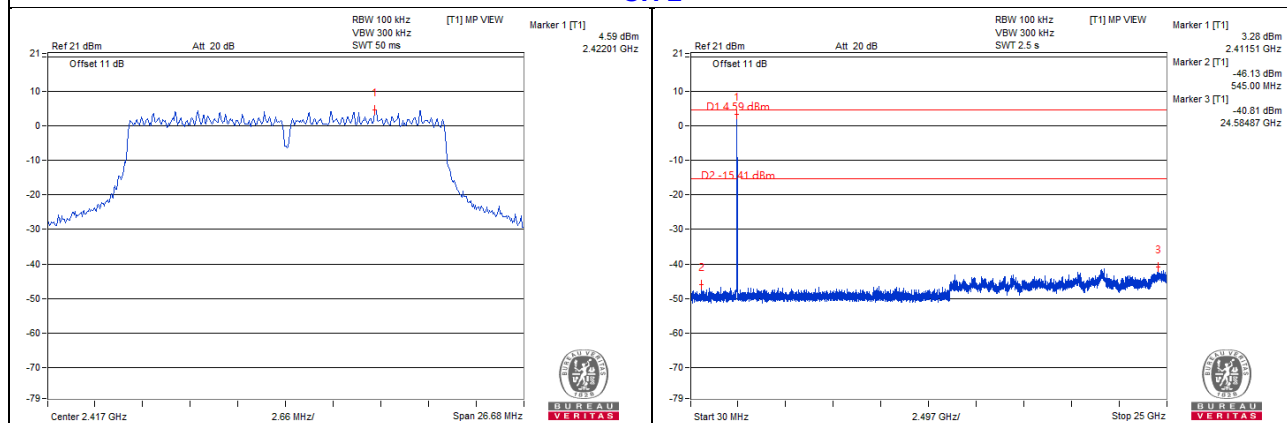


Chain 1

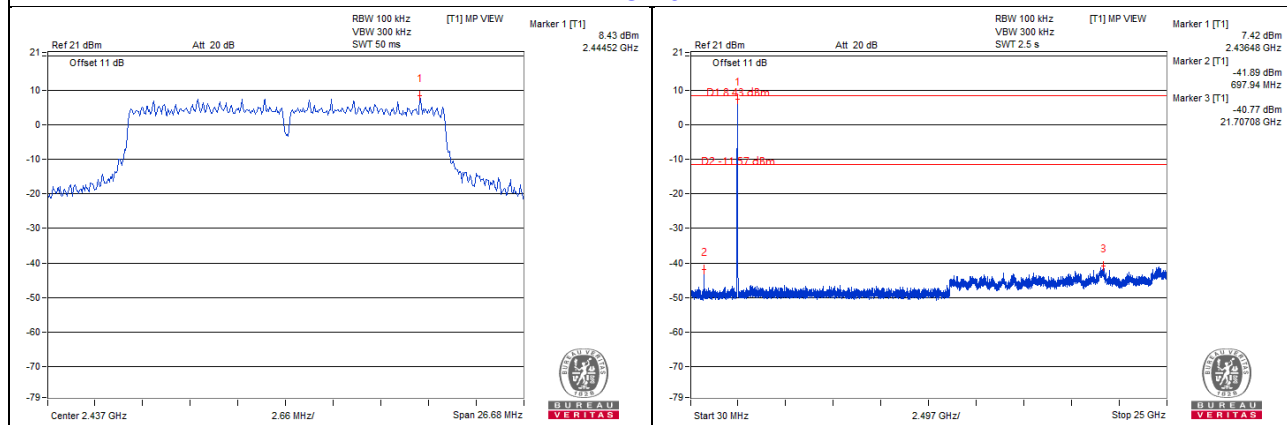
CH 1



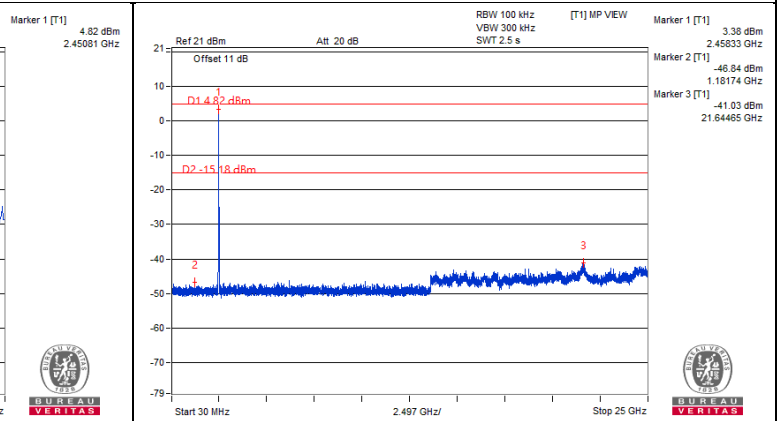
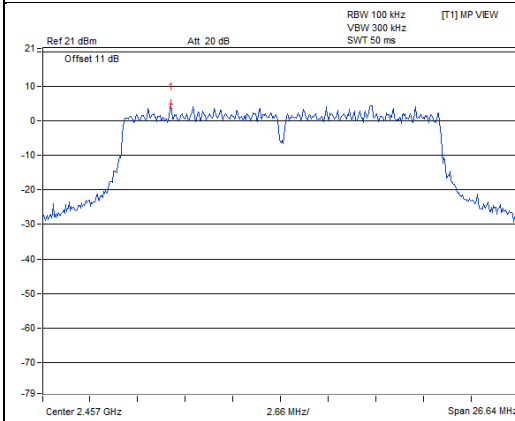
CH 2



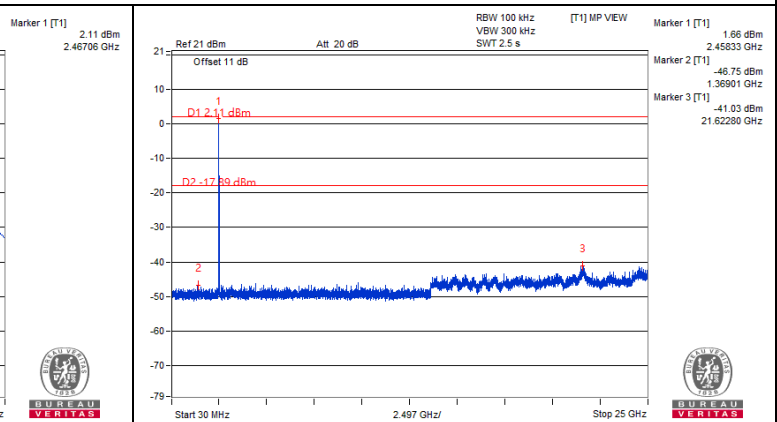
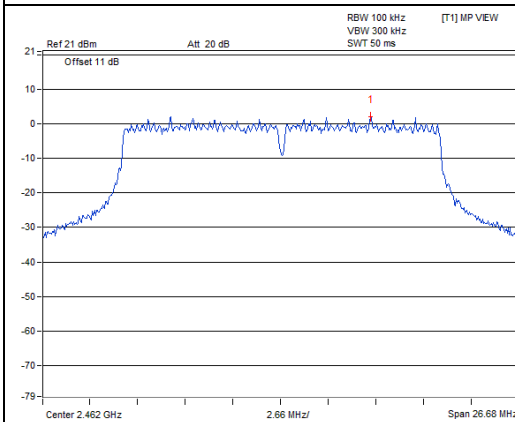
CH 6



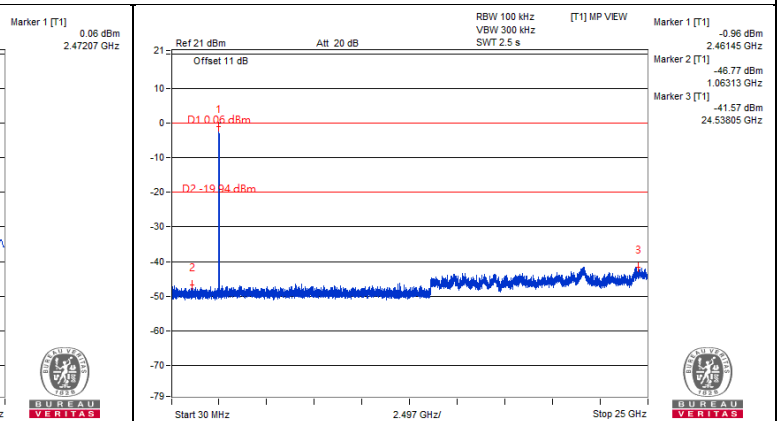
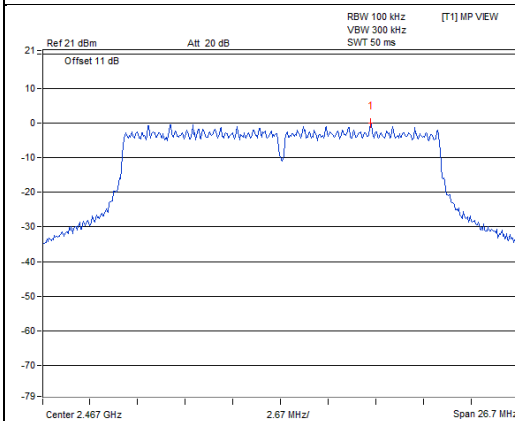
CH 10



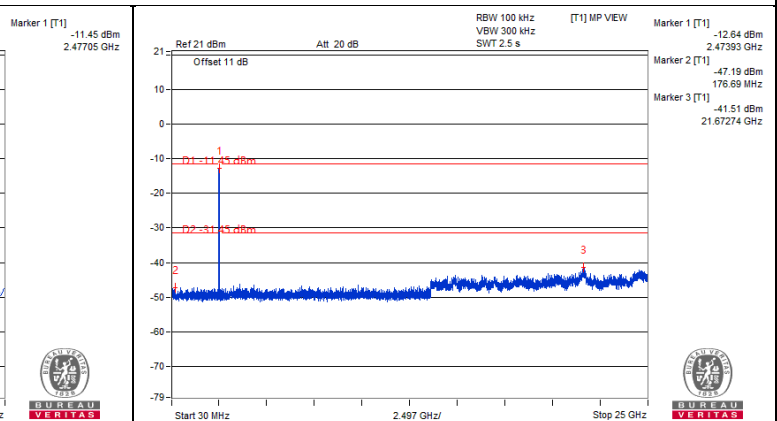
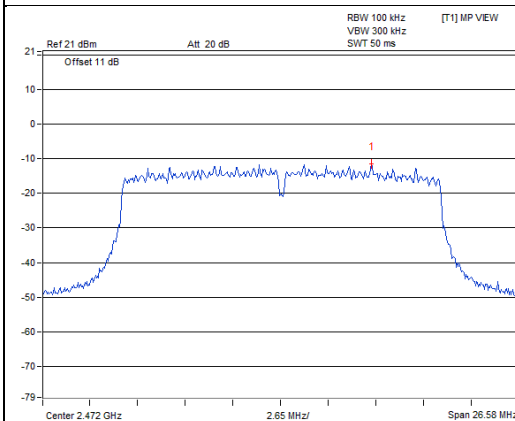
CH 11



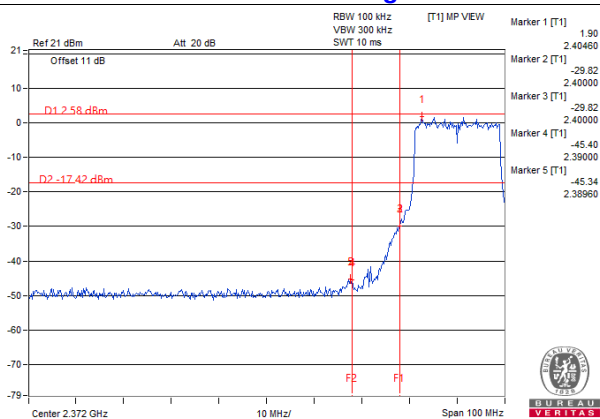
CH 12



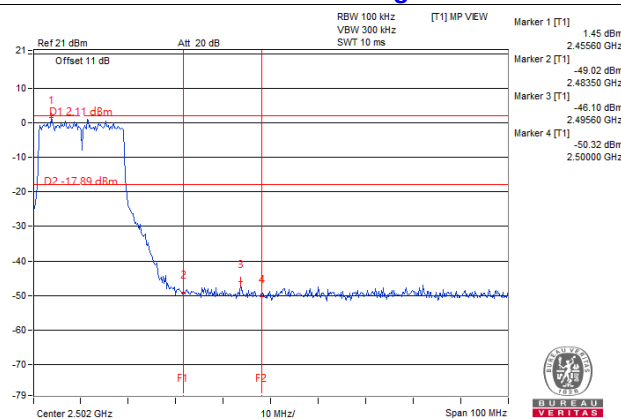
CH 13



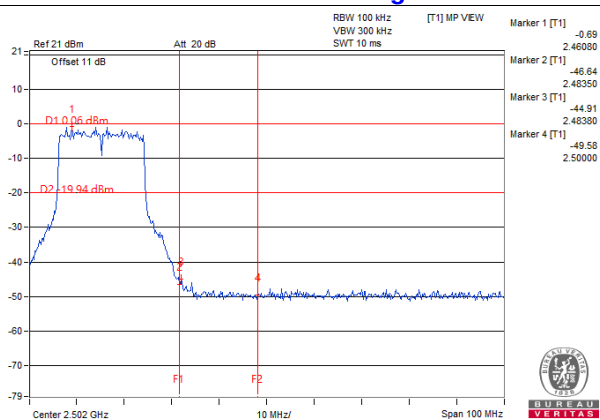
CH 1 Band edge



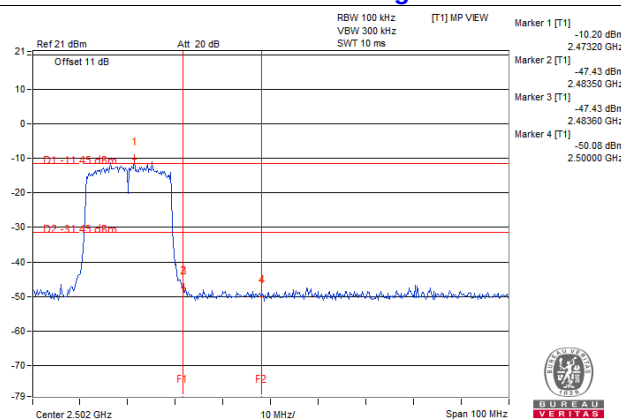
CH 11 Band edge



CH 12 Band edge

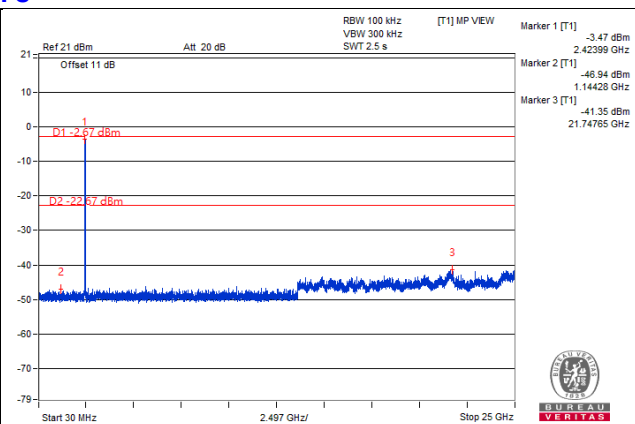
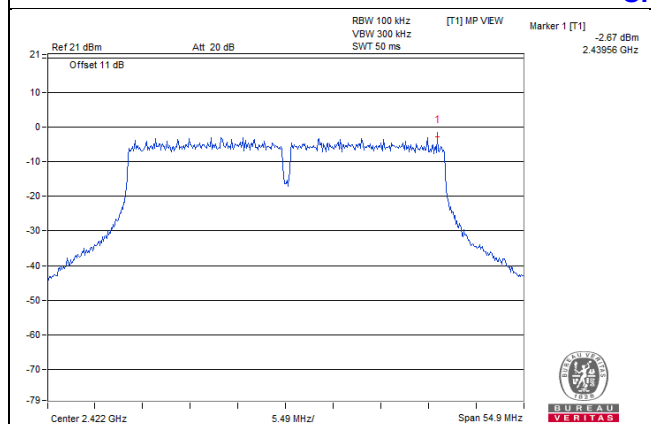


CH 13 Band edge

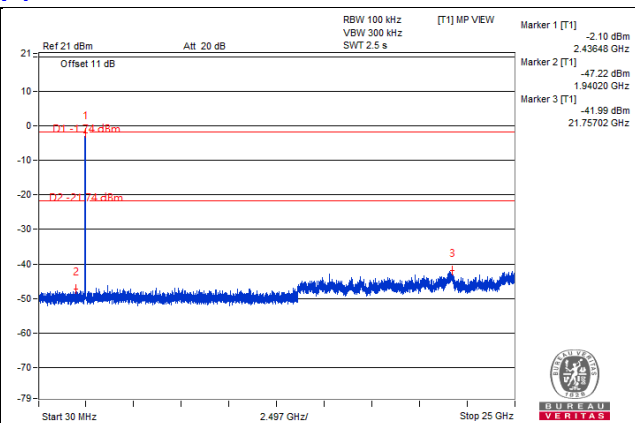
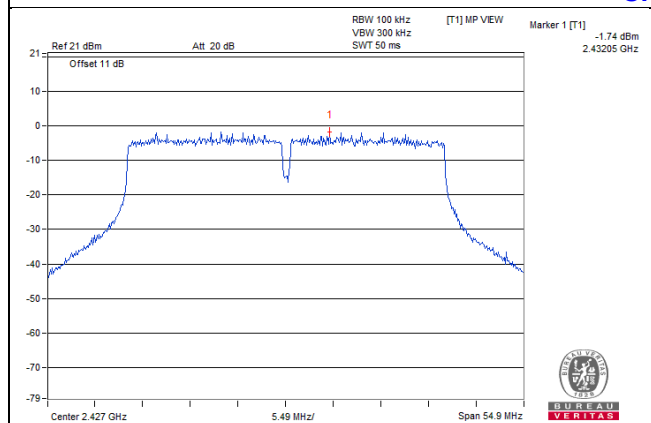


VHT40 - Chain 0

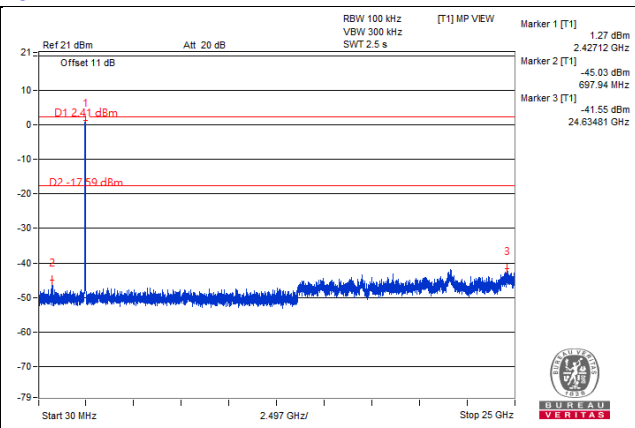
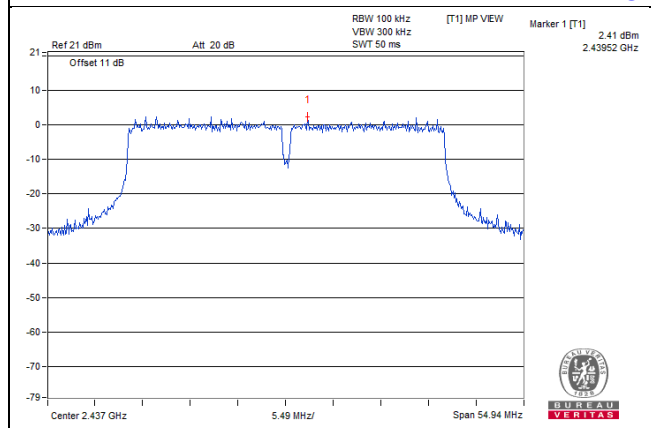
CH 3



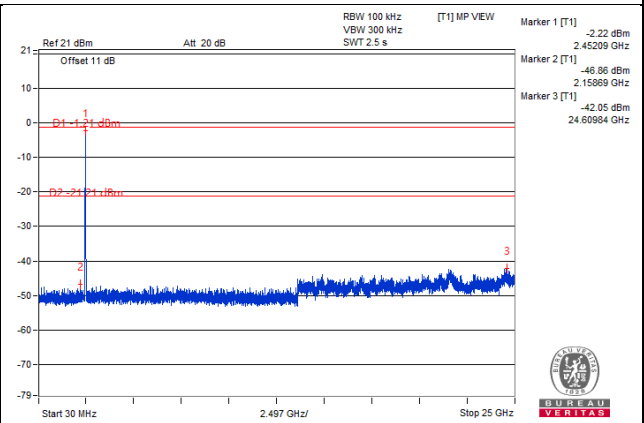
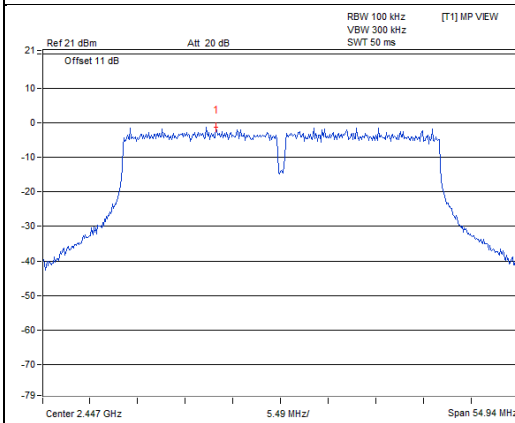
CH 4



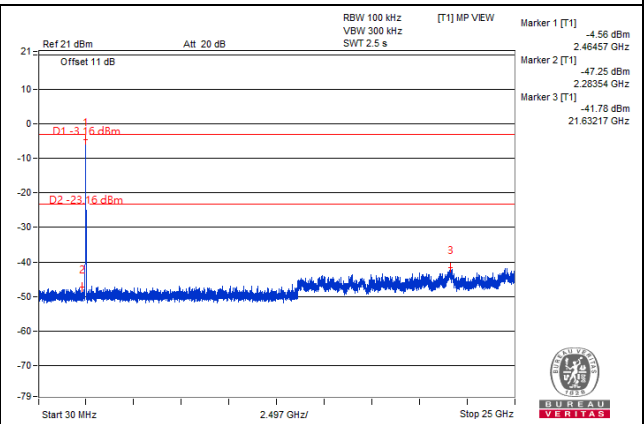
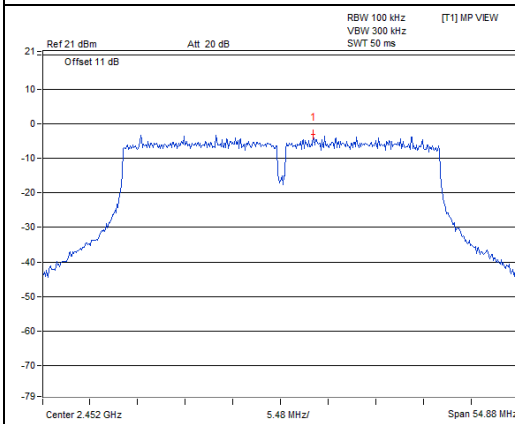
CH 6



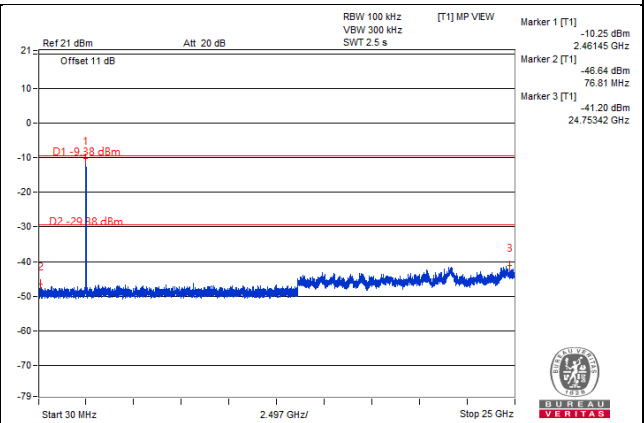
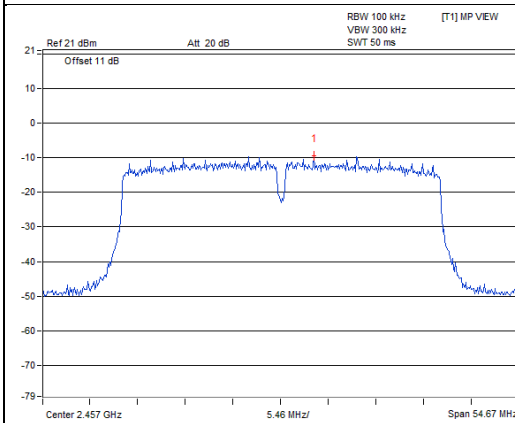
CH 8



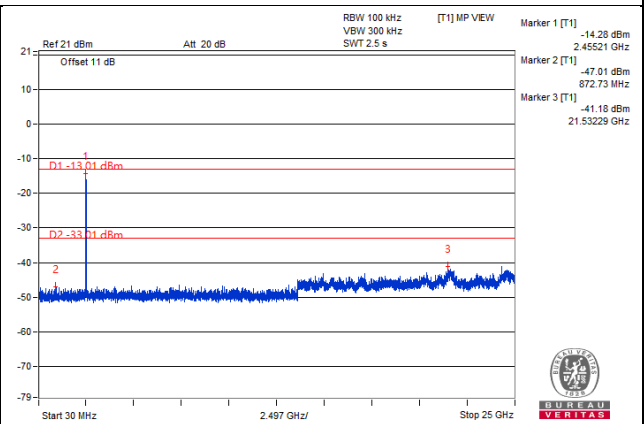
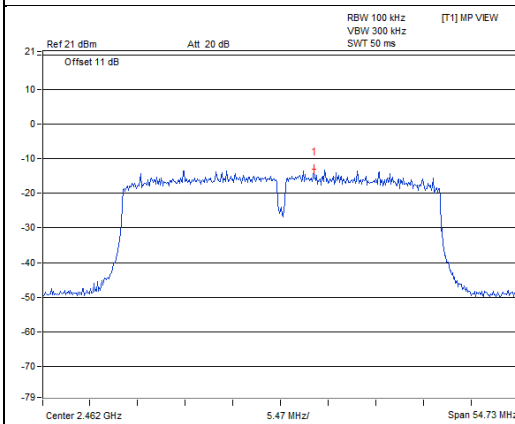
CH 9



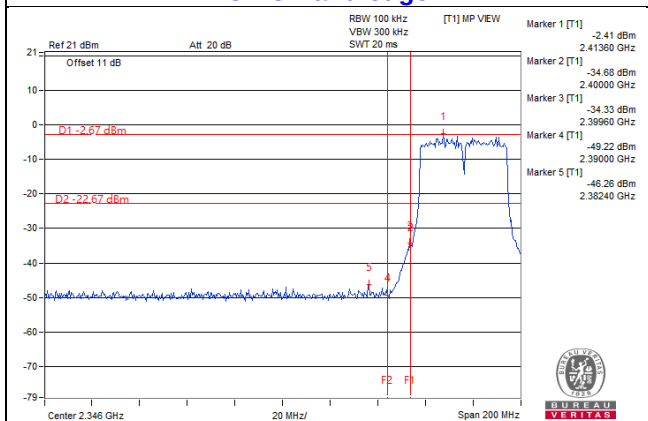
CH 10



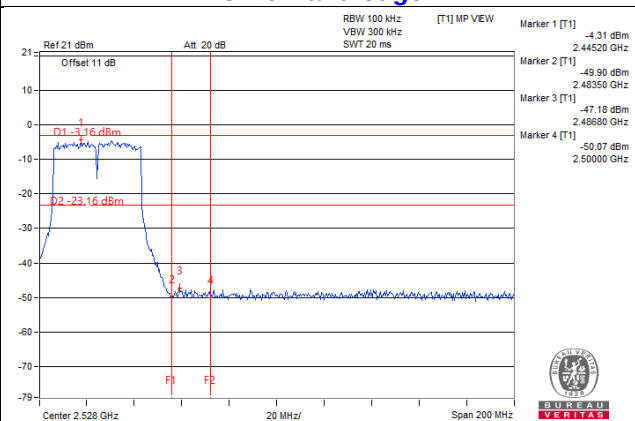
CH 11



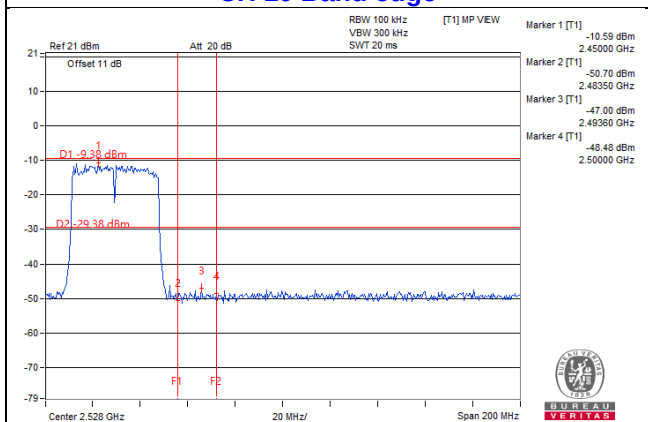
CH 3 Band edge



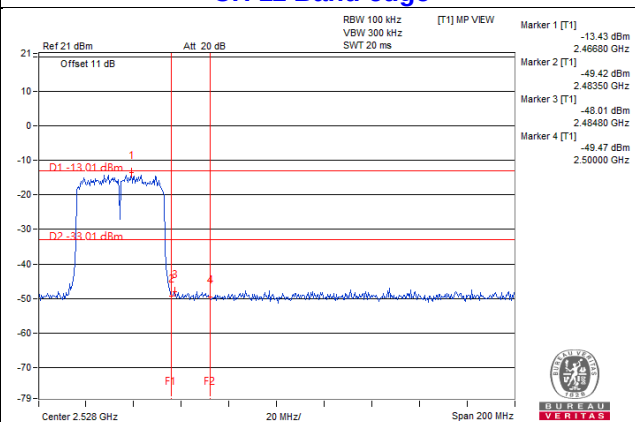
CH 9 Band edge



CH 10 Band edge

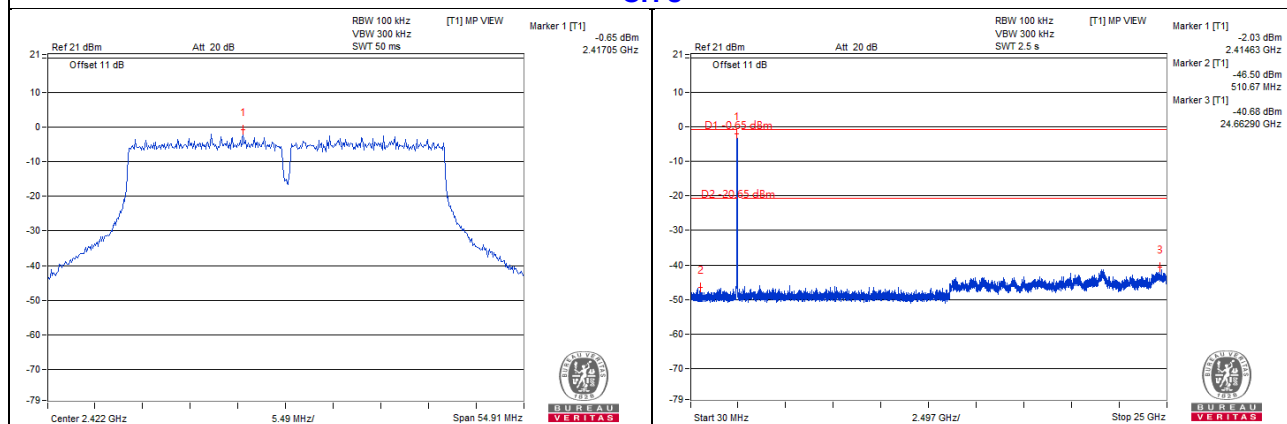


CH 11 Band edge

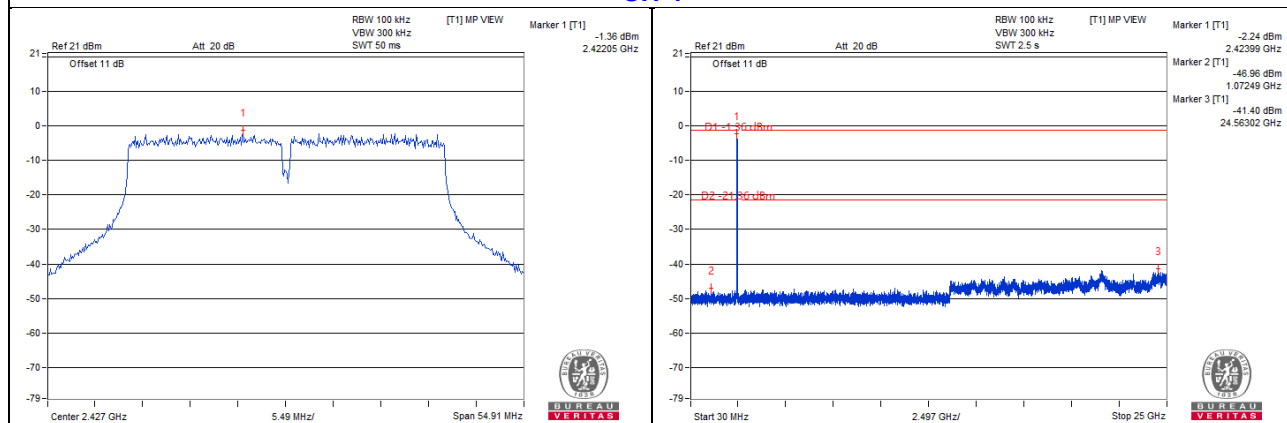


Chain 1

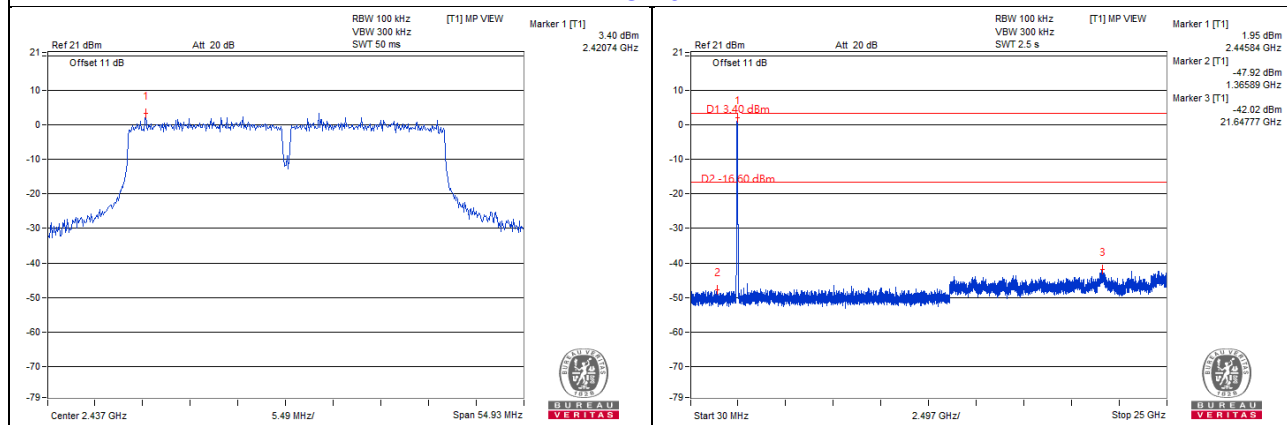
CH 3



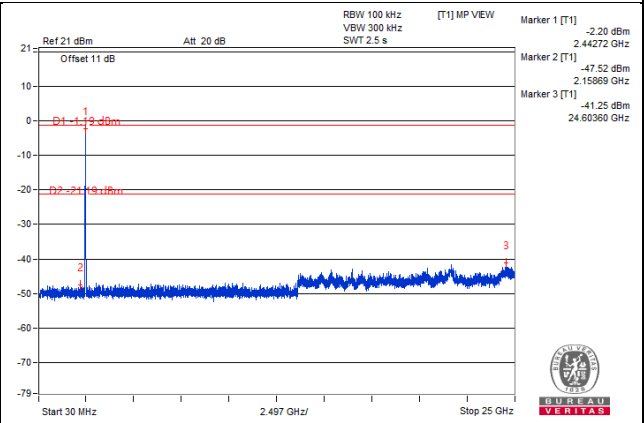
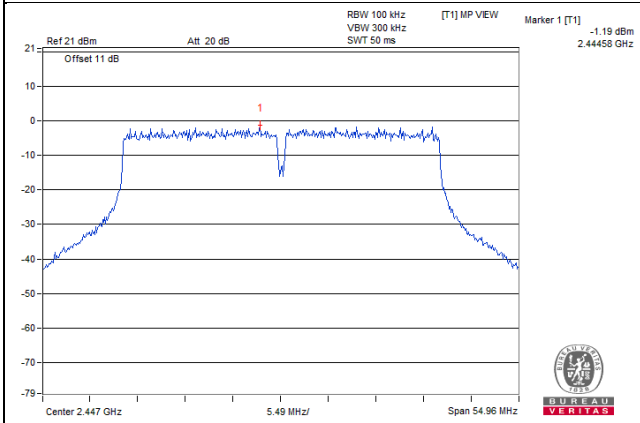
CH 4



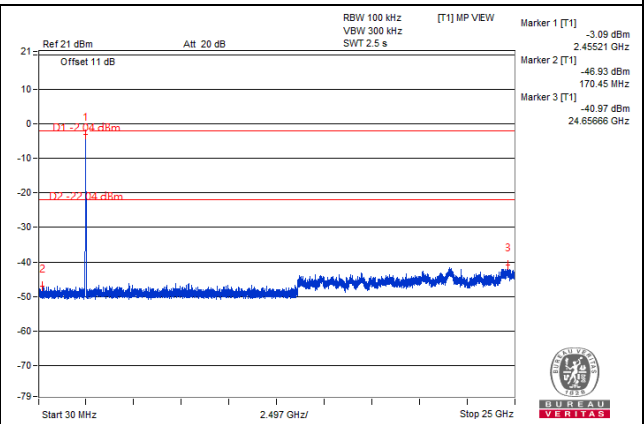
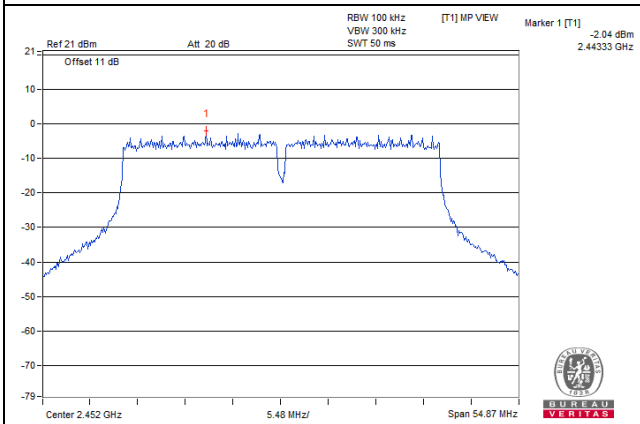
CH 6



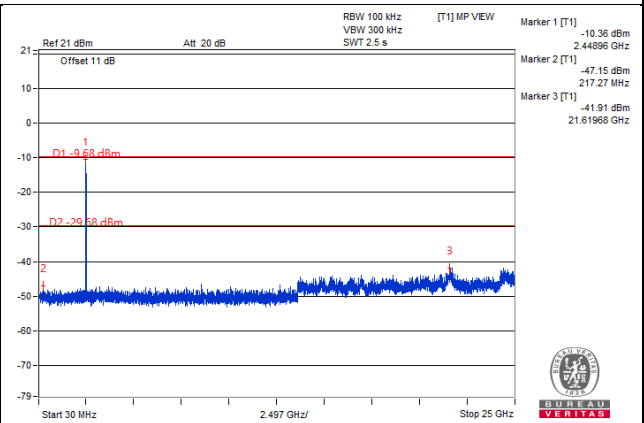
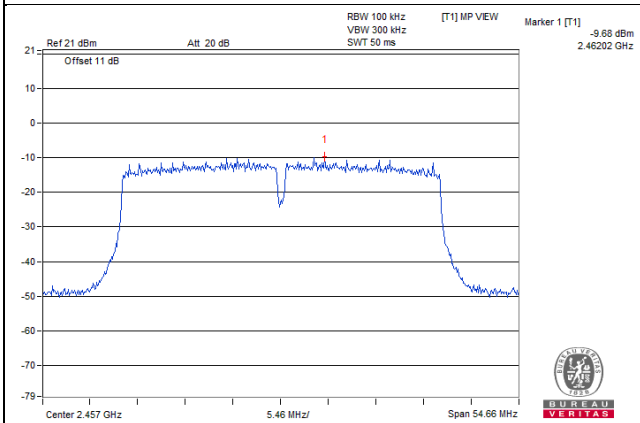
CH 8



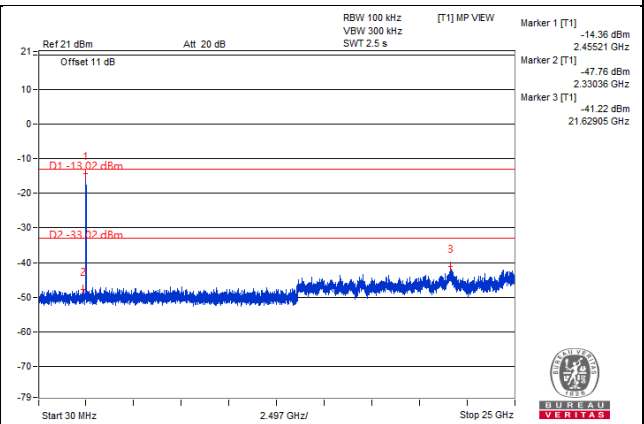
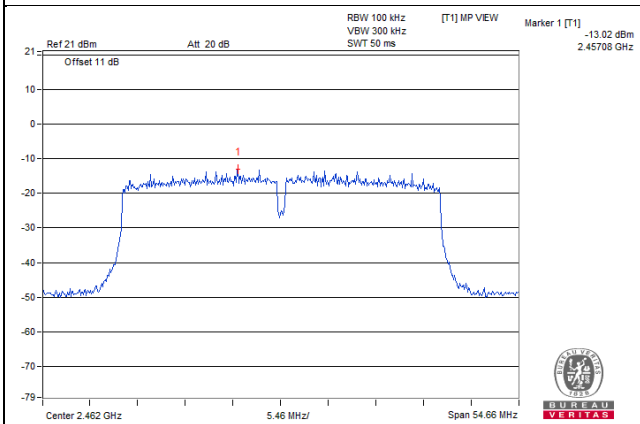
CH 9



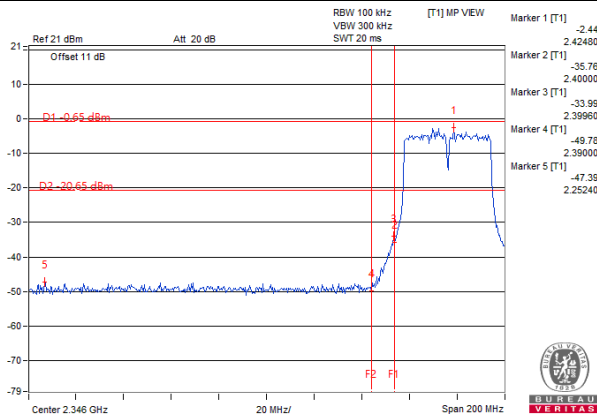
CH 10



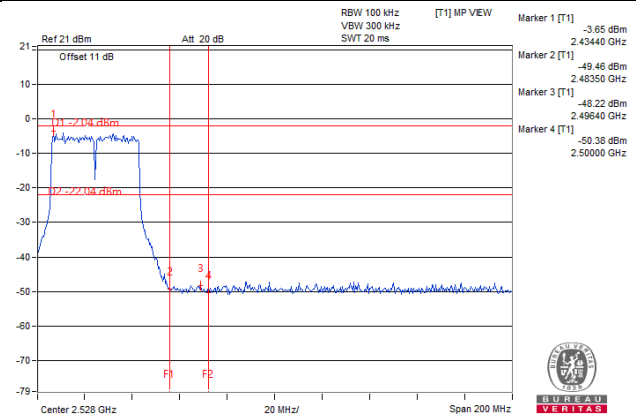
CH 11



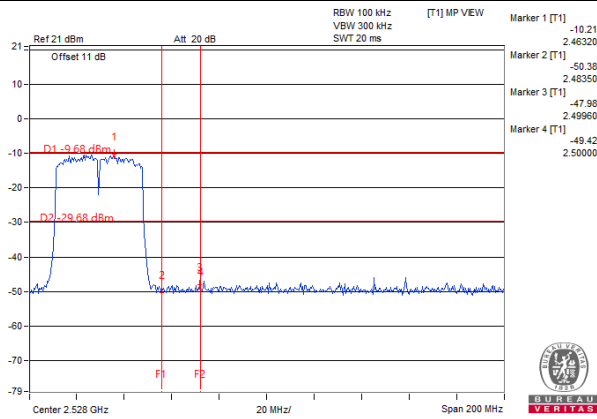
CH 3 Band edge



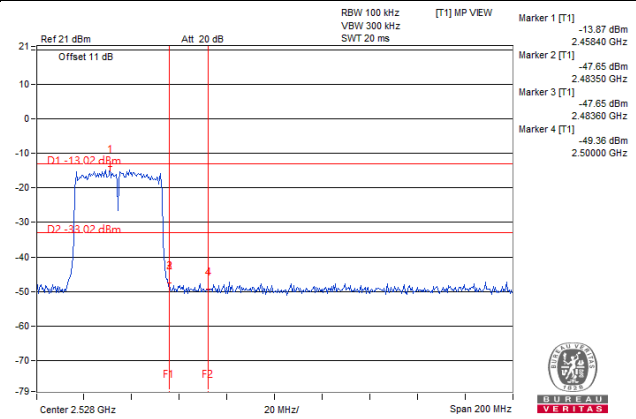
CH 9 Band edge



CH 10 Band edge

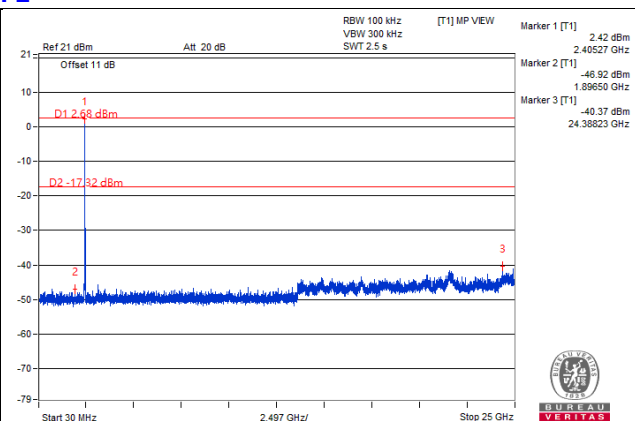
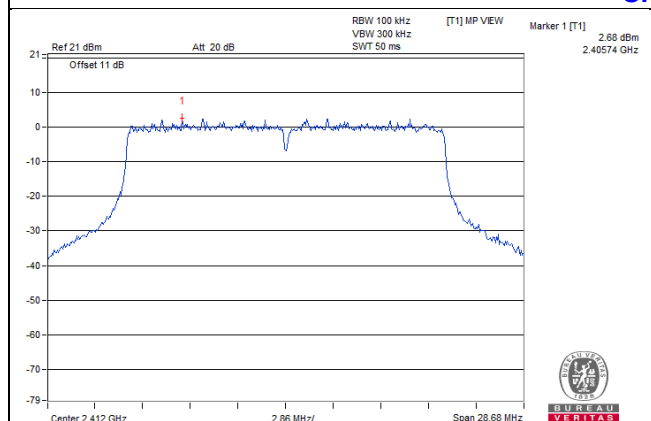


CH 11 Band edge

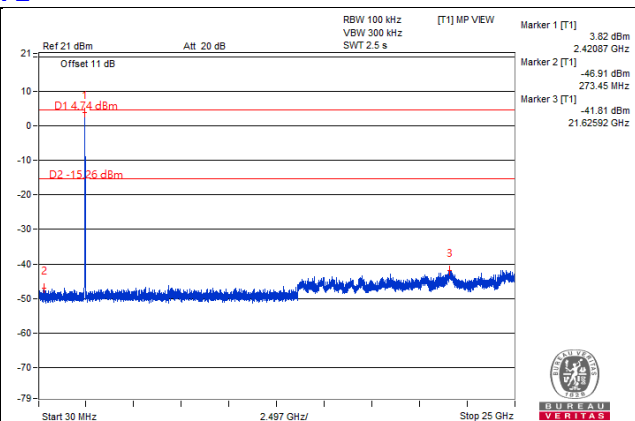
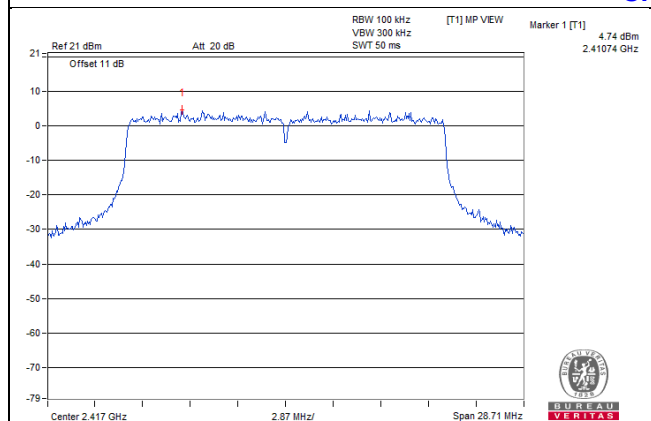


802.11ax (HE20) - Chain 0

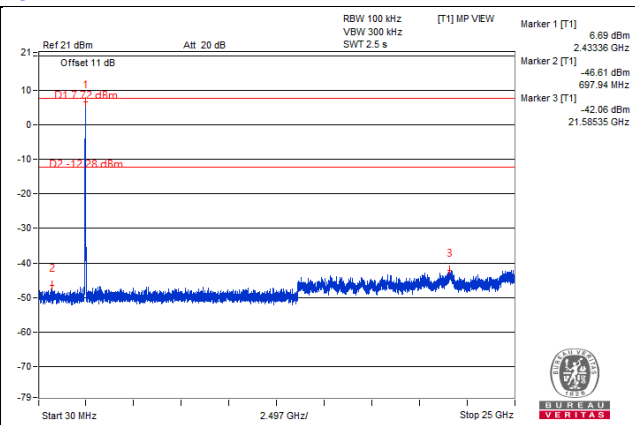
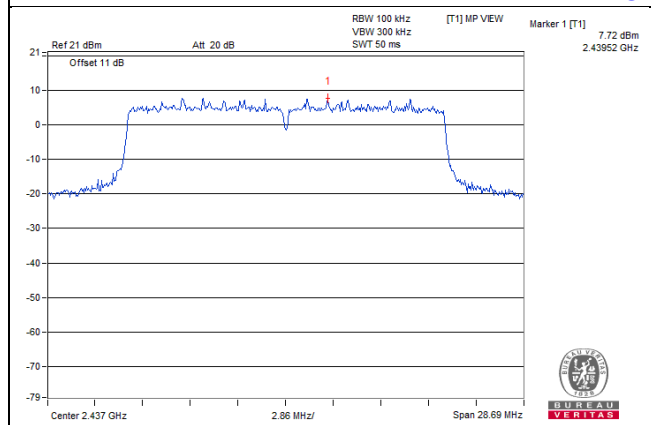
CH 1



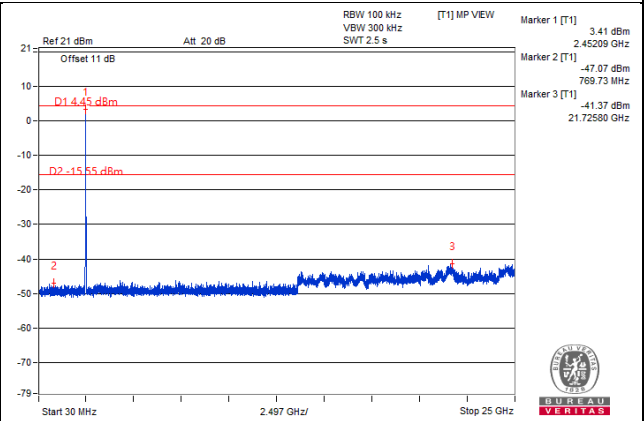
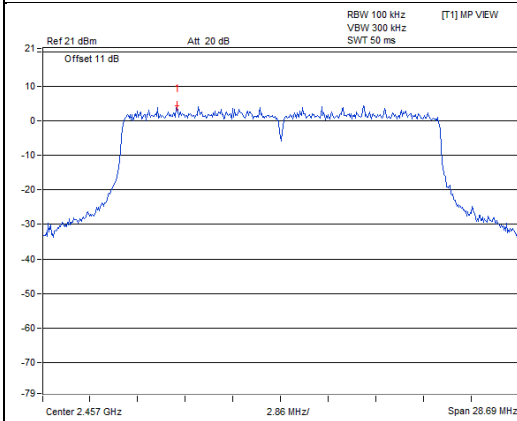
CH 2



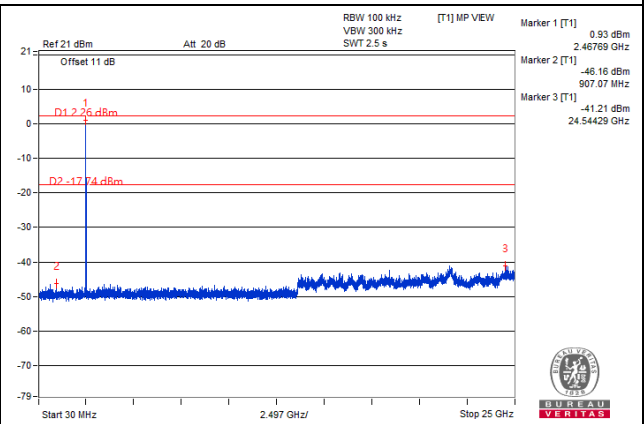
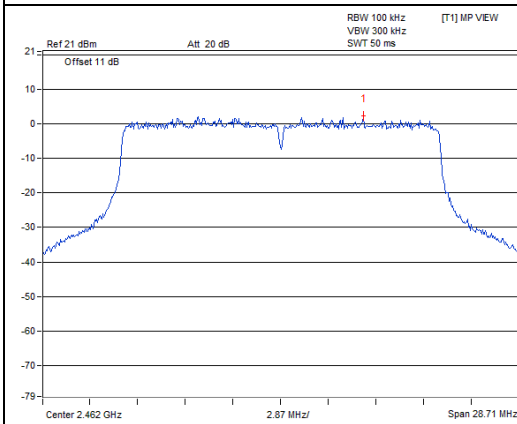
CH 6



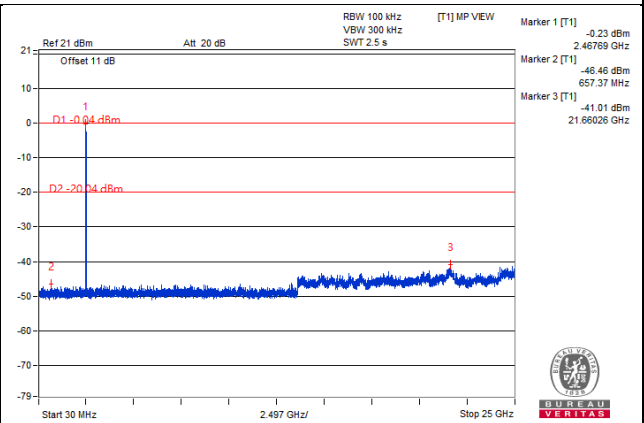
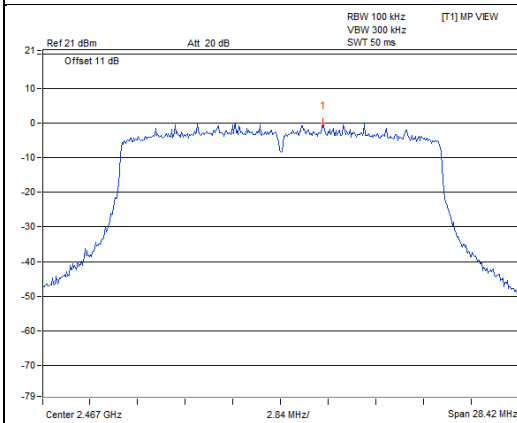
CH 10



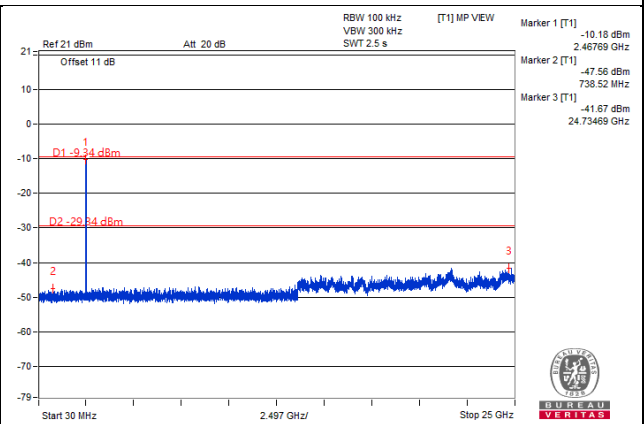
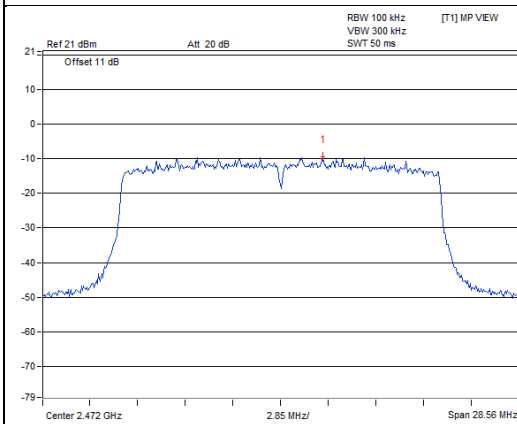
CH 11



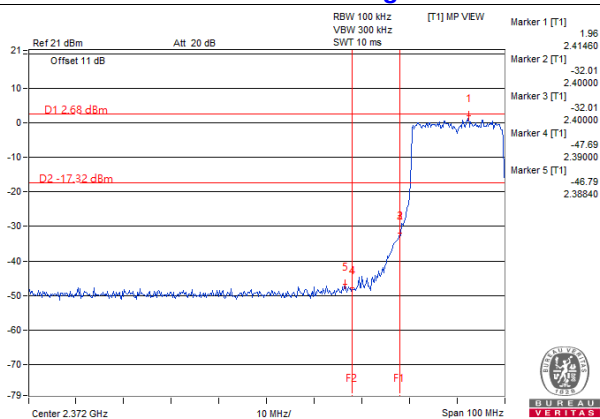
CH 12



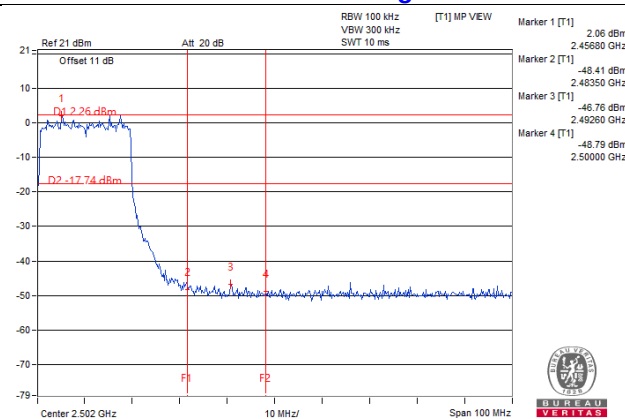
CH 13



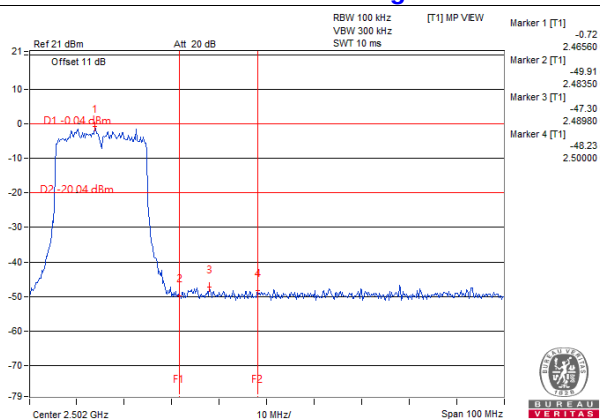
CH 1 Band edge



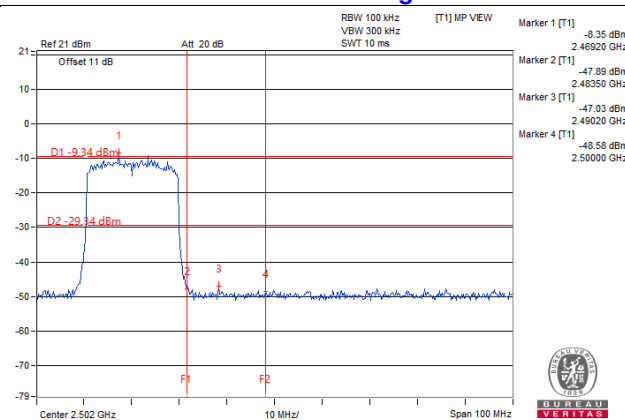
CH 11 Band edge



CH 12 Band edge

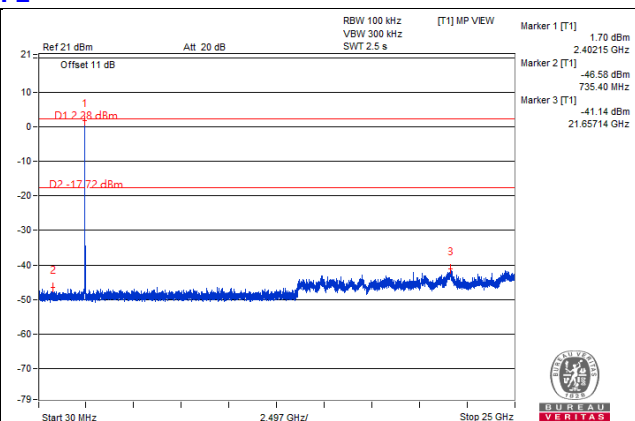
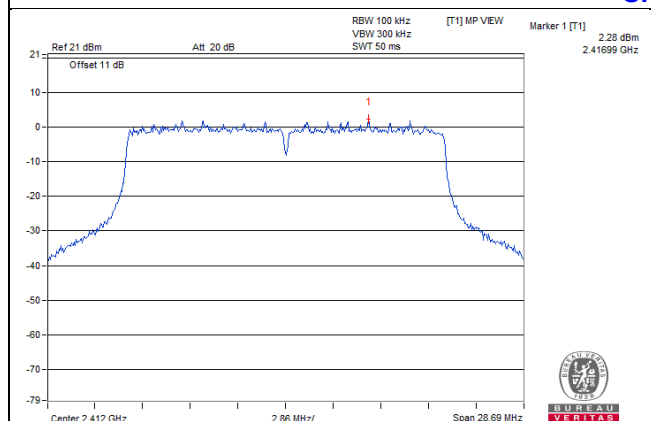


CH 13 Band edge

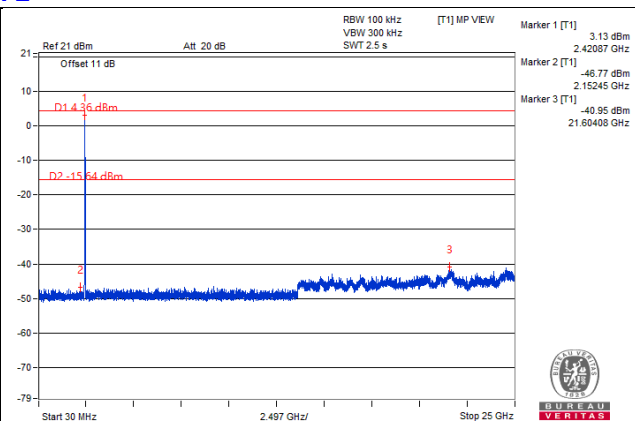
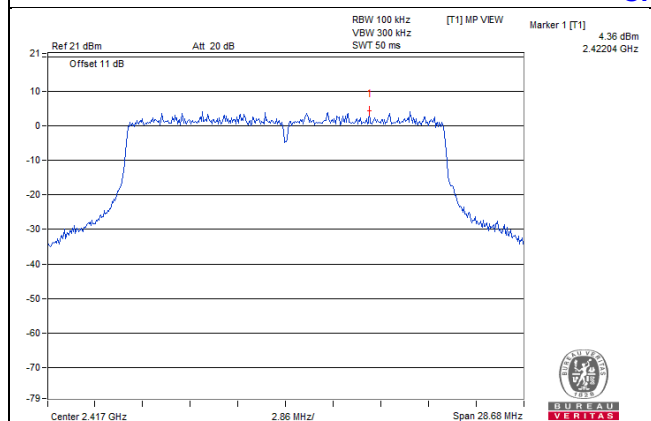


Chain 1

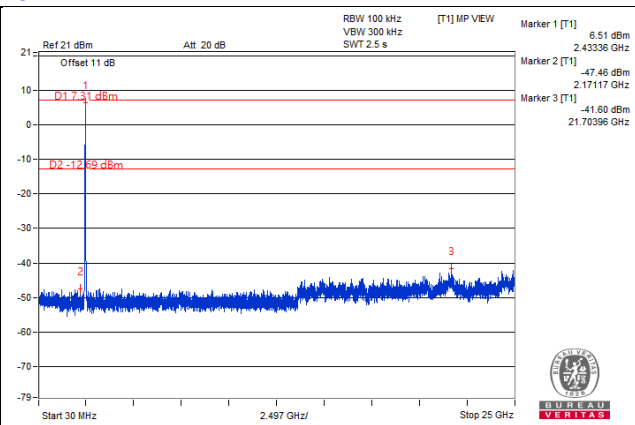
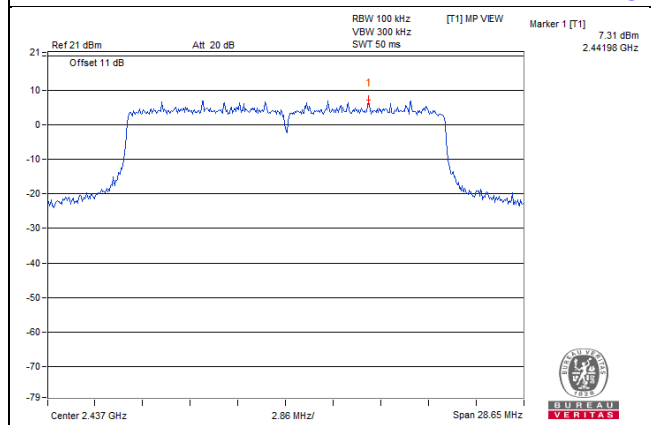
CH 1



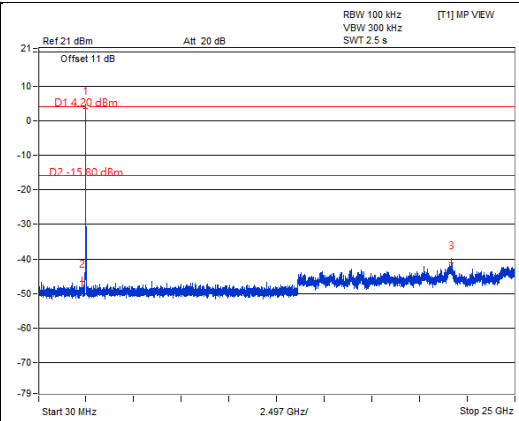
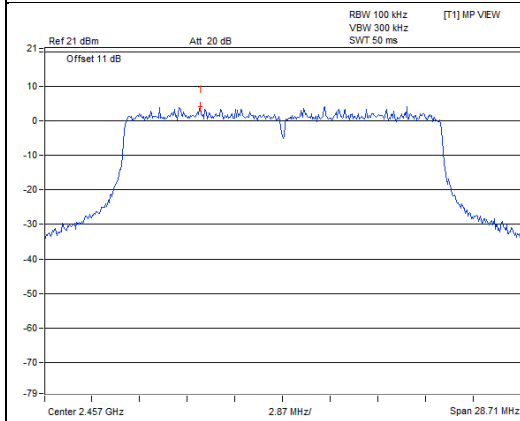
CH 2



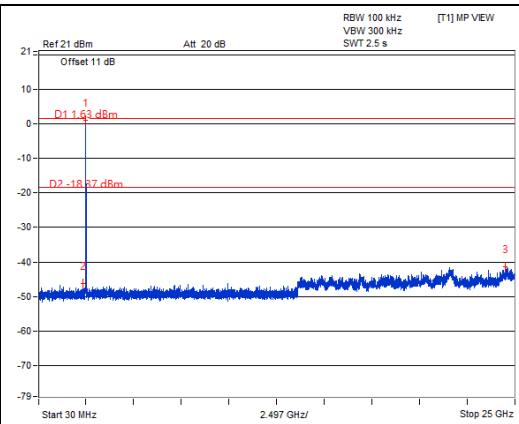
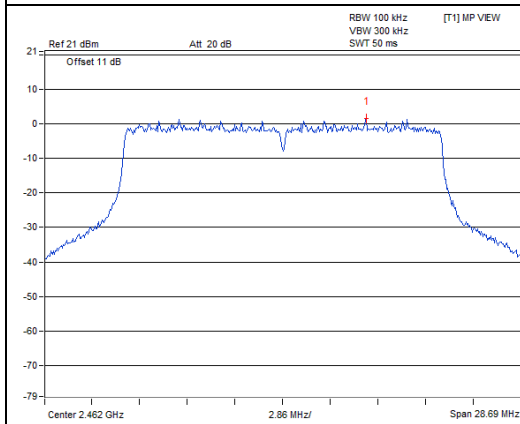
CH 6



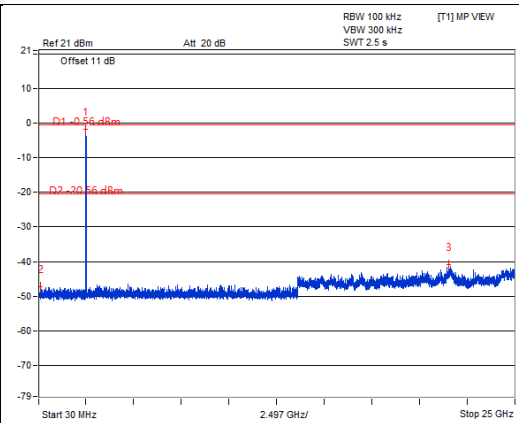
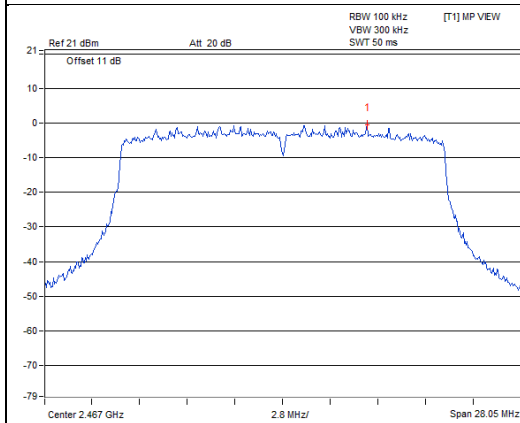
CH 10



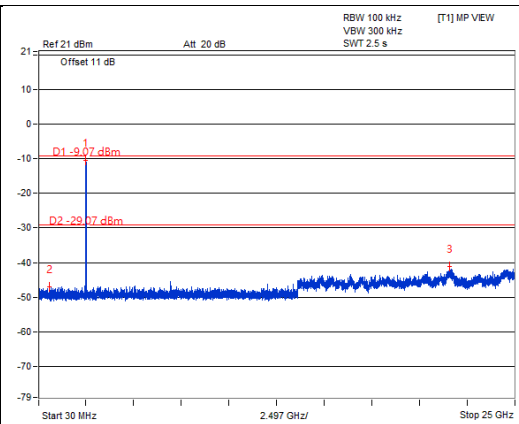
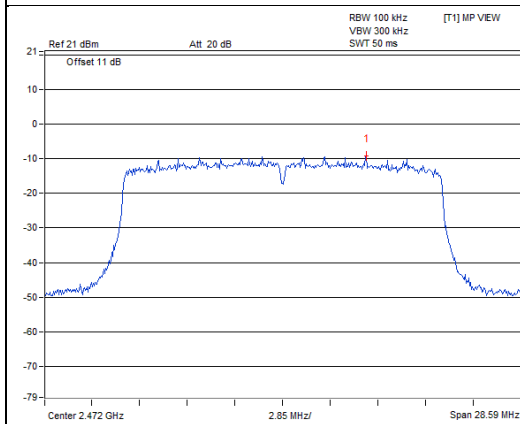
CH 11



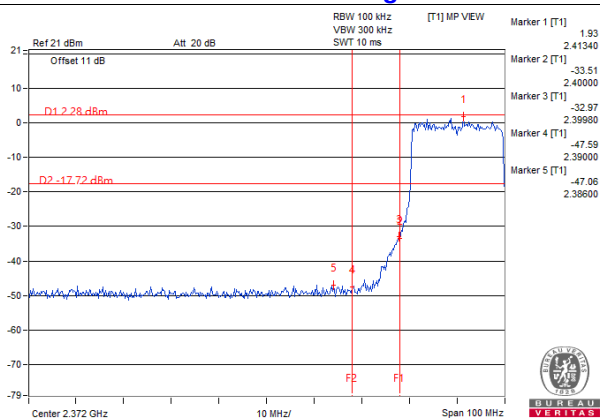
CH 12



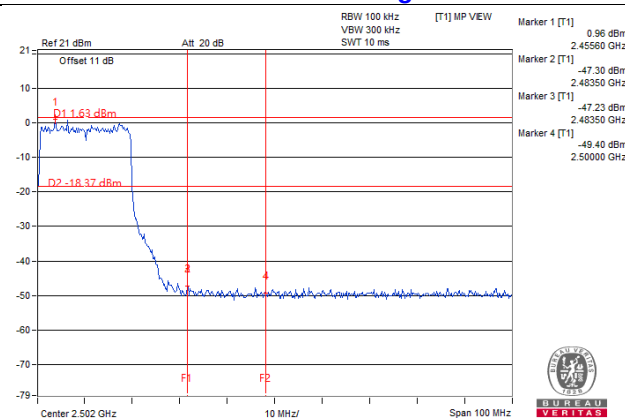
CH 13



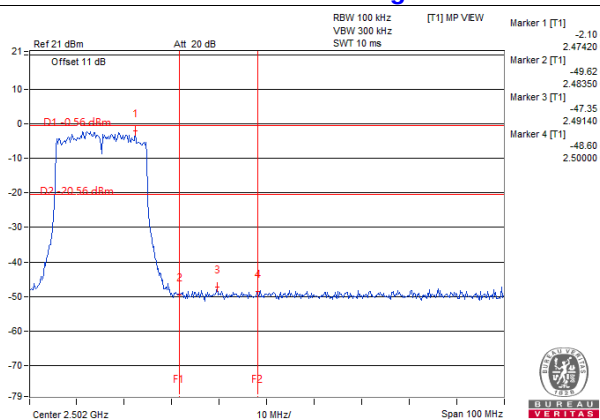
CH 1 Band edge



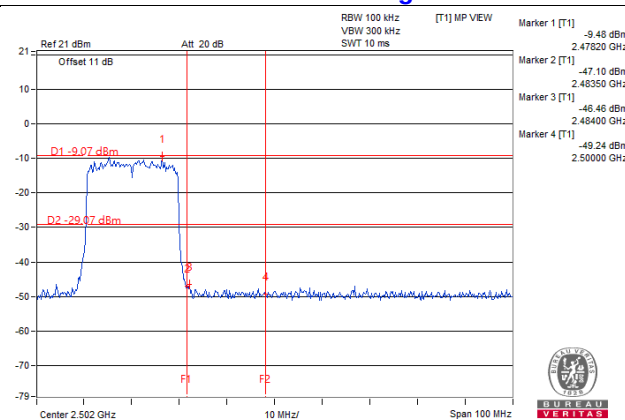
CH 11 Band edge



CH 12 Band edge

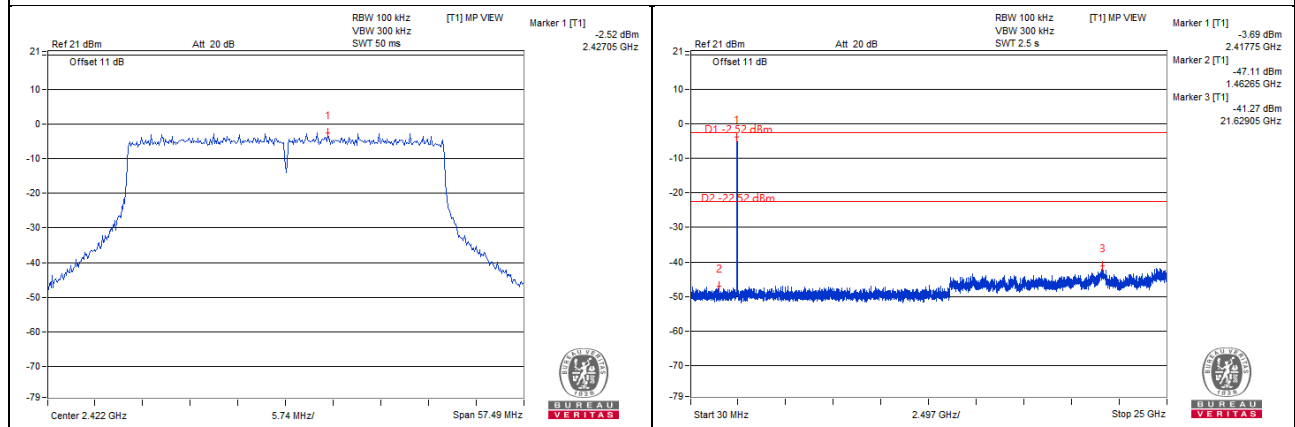


CH 13 Band edge

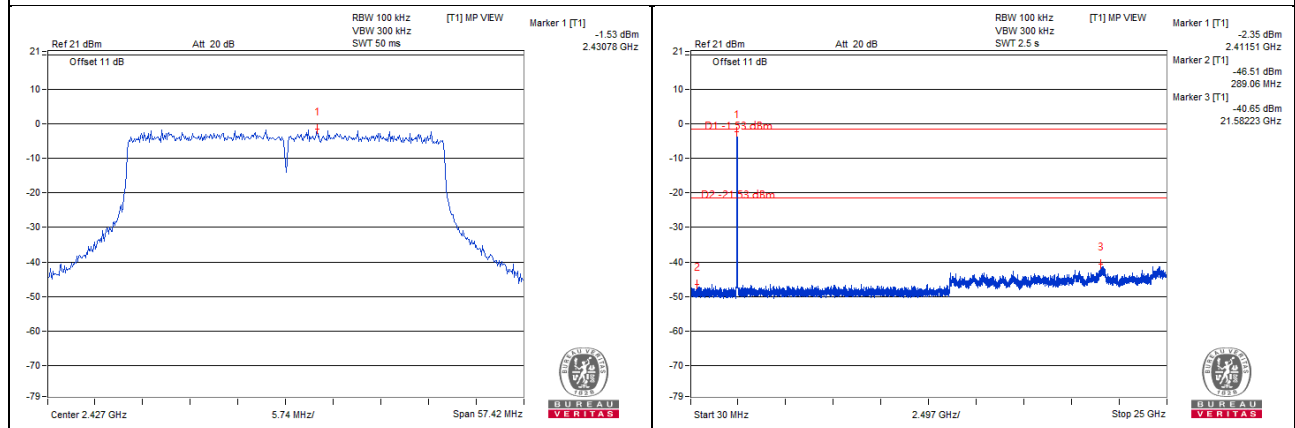


802.11ax (HE40) - Chain 0

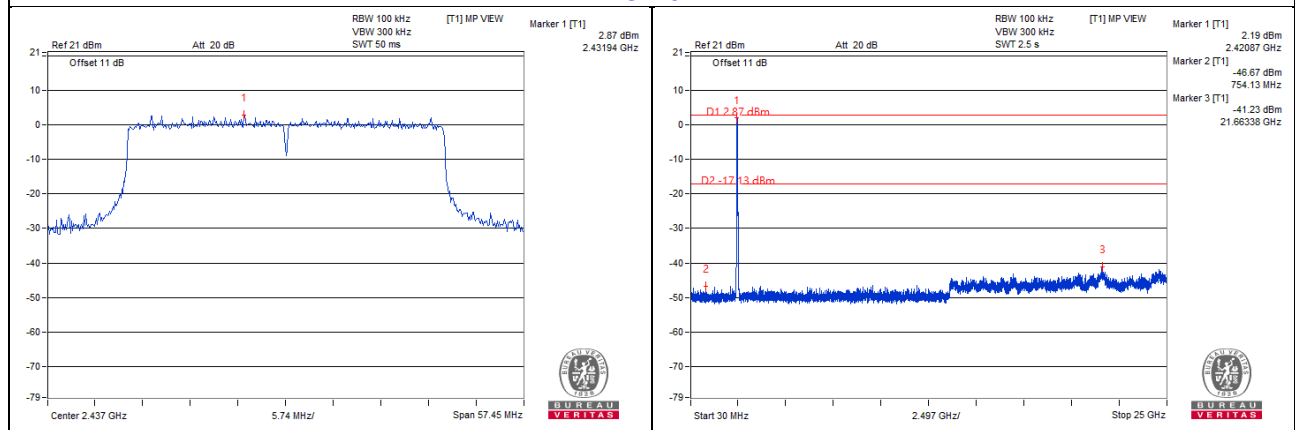
CH 3



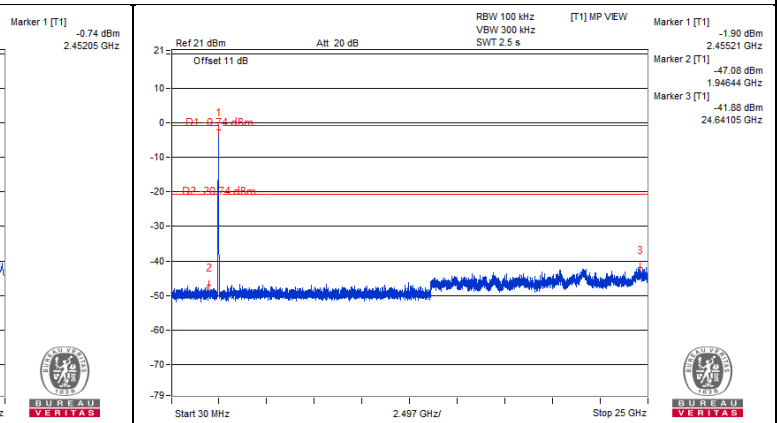
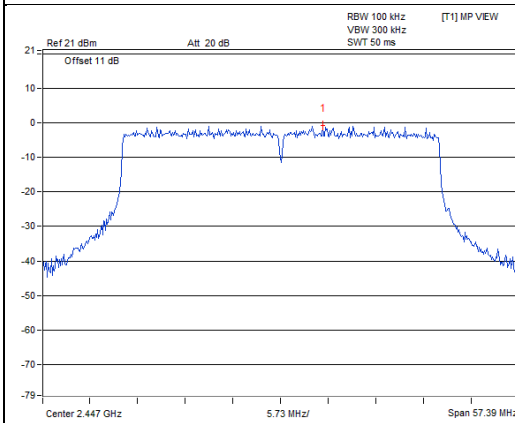
CH 4



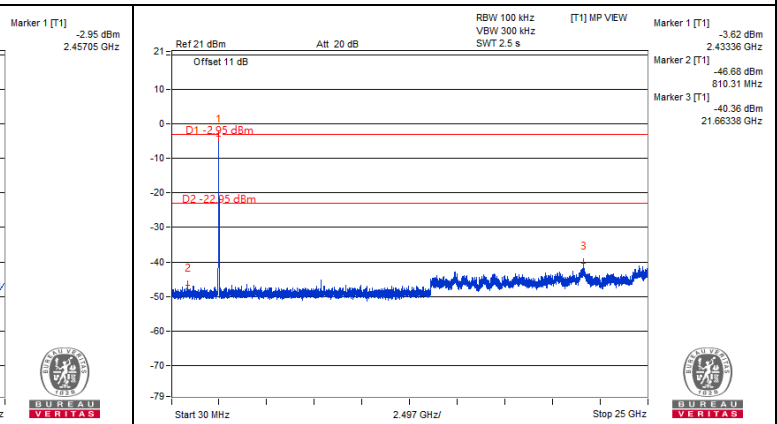
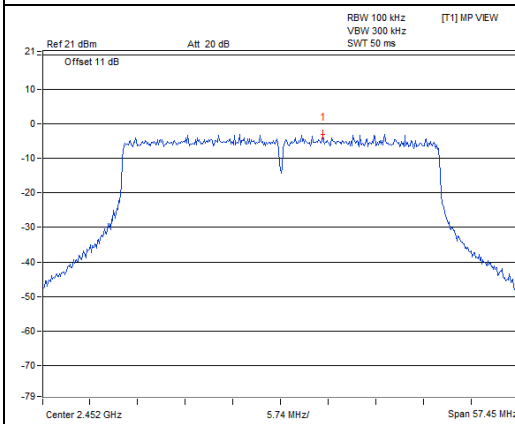
CH 6



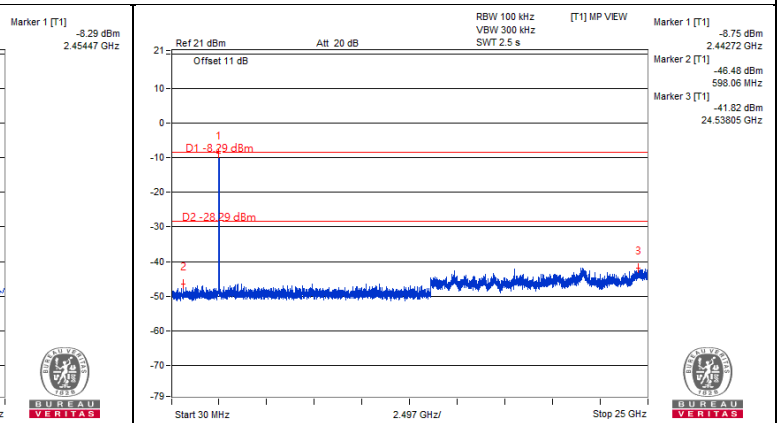
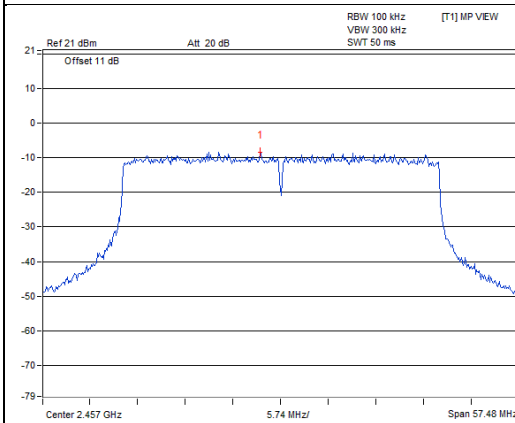
CH 8



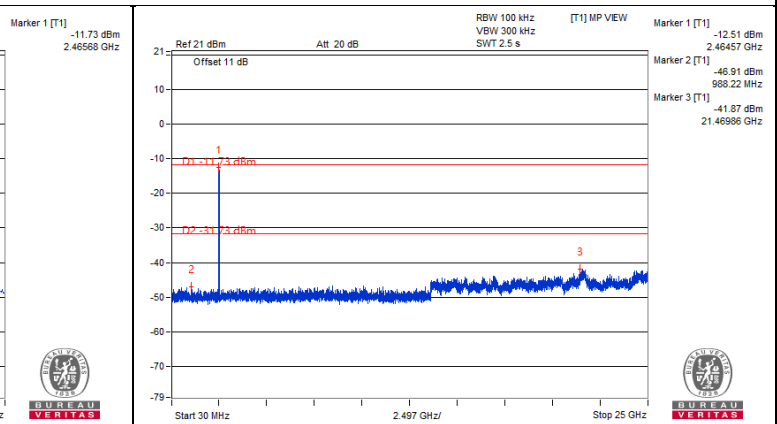
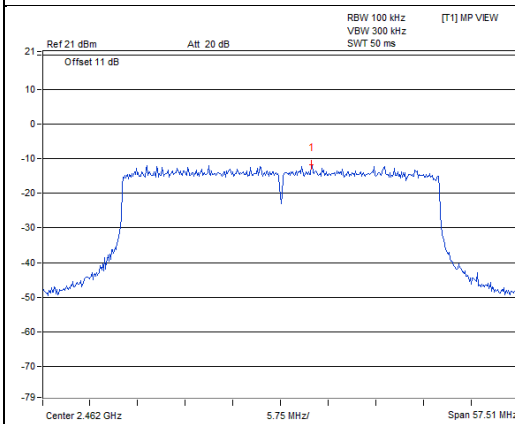
CH 9



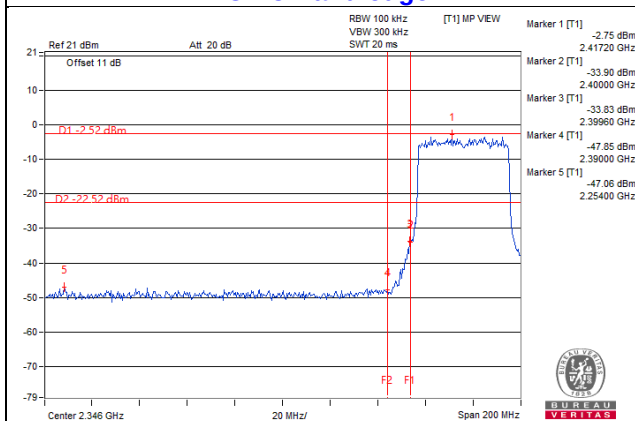
CH 10



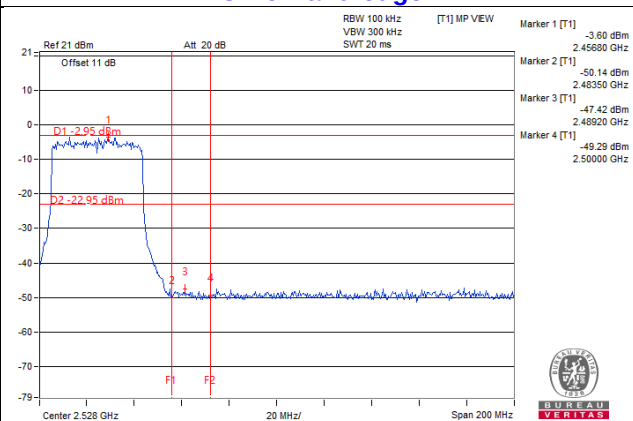
CH 11



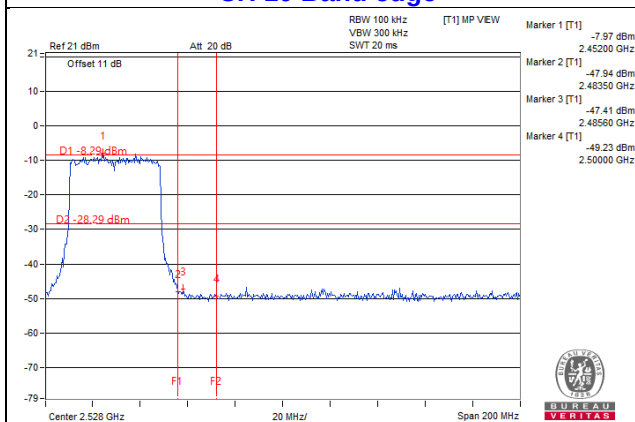
CH 3 Band edge



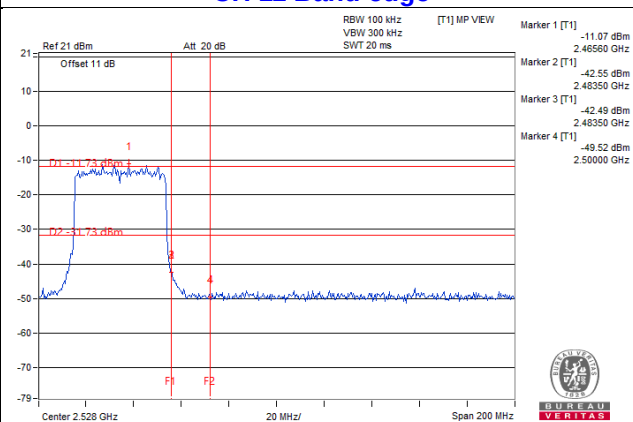
CH 9 Band edge



CH 10 Band edge

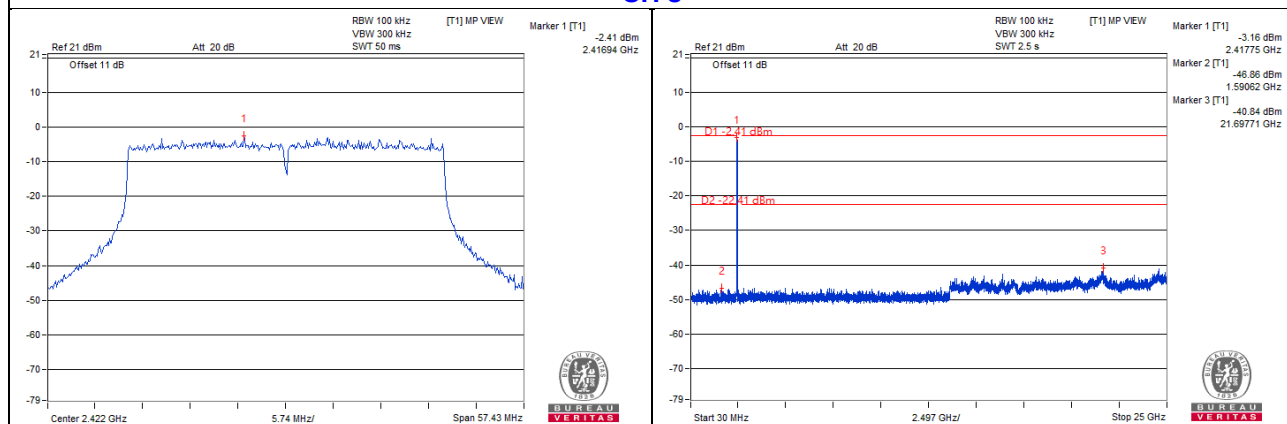


CH 11 Band edge

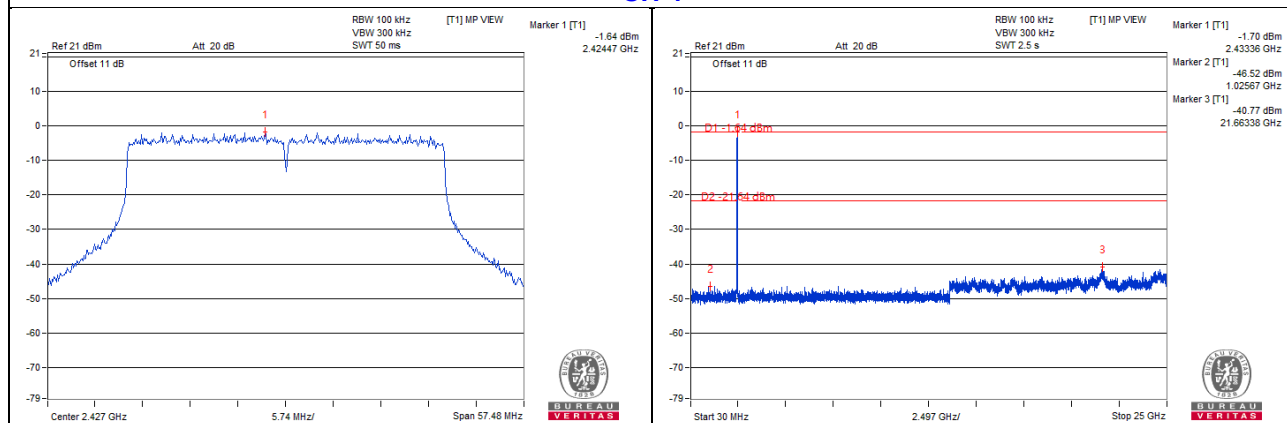


Chain 1

CH 3



CH 4



CH 6

